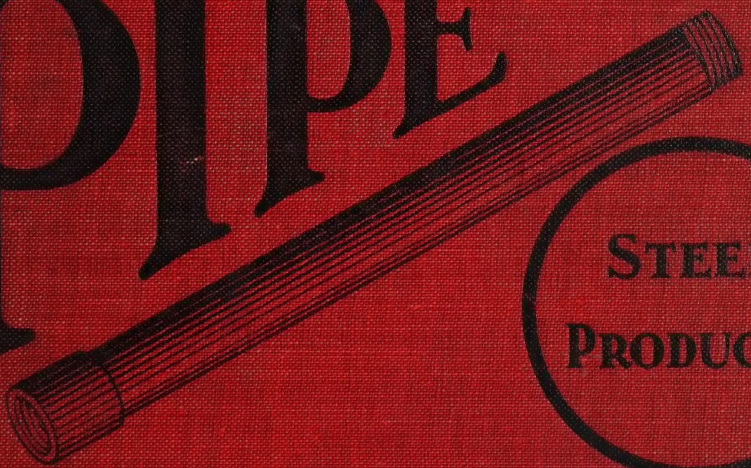
HENDRICKS'
COMMERCIAL REGISTER
of the
UNITED STATES
for
Buyers and Sellers

PIPE



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J. K. LARKIN & CO.

NEW YORK BROOKLYN

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Established 1877

PENN. TERMINAL BUILDING, 370 Seventh Avenue, NEW YORK

Manufacturers Record

EXPONENT OF AMERICA

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In studying and analyzing the advertising value of the Manufacturers Record, it is essentially important to keep in mind the fact that the Manufacturers Record has been covering the industrial, construction and general material development of the sixteen Southern and Southwestern States for the past forty years, and is widely read and consulted by those active in every phase of its commercial, industrial and public life.

Moreover, the Manufacturers Record is a paper which appeals editorially and in its news columns very strongly to the influential forces in its chosen field, because its work has directly and indirectly helped to increase and broaden every class of business.

In its Construction Department the Manufacturers Record covers in detail every branch of activity in the South and Southwest. This department runs annually nearly 50,000 items, giving details of all new enterprises:—plants to be erected and enlargements of or improvements to existing plants, new building and construction work of all kinds, public improvements, including roads, streets, sewerage, water works, etc., steam and electric railways, water powers and power plants, land drainage and reclamation, financial institutions, bonds, being voted and sold for public improvements; in fact every phase of industrial, commercial or public activity in the South and Southwest is covered in detail each week in the Construction Department of the Manufacturers Record, and in advance form through our Daily Bulletin service.

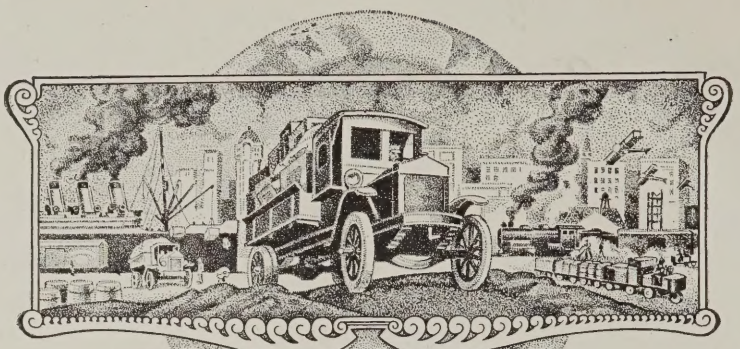
This brings the Manufacturers Record into constant and direct touch not only with those in executive and directing control of public and private enterprises, but also in continuous, close touch with architects, engineers, public officials, contractors and others who carry out the details, or in other words, those who select, decide upon, specify and buy the materials, equipment and supplies that are needed in this constructive work.

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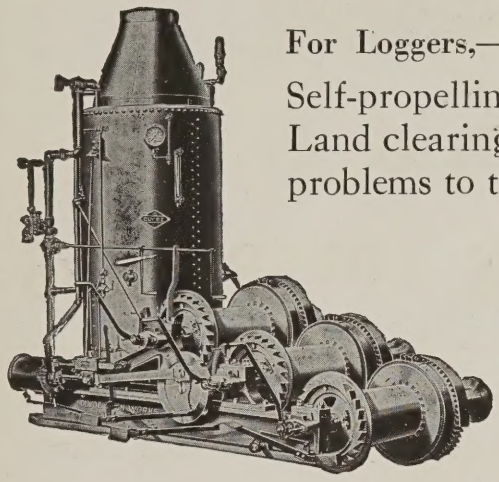
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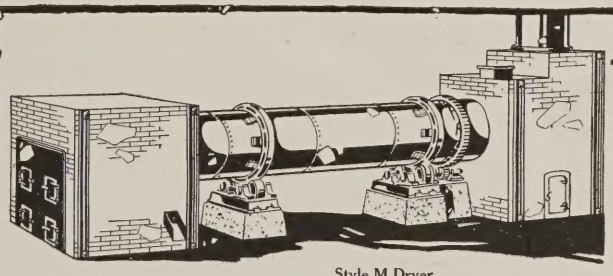
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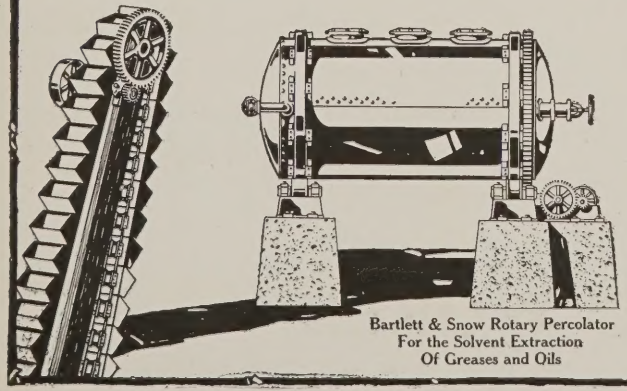
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SKIP HOISTS—SINTERING PLANTS
CORN SHELLERS AND CRUSHERS
BARLEY PEARLING MACHINES
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HENDRICKS' COMMERCIAL REGISTER

of the UNITED STATES *for* BUYERS *and* SELLERS

With Which Has Been Incorporated

"THE ASSISTANT BUYER"

ESPECIALLY DEVOTED TO THE INTERESTS OF THE

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A complete and reliable Annual Register of Producers, Manufacturers, Dealers and Consumers connected with the aforesaid industries and with multitudinous others of interest to Buyers and Sellers. Products are listed from the raw material to the finished article, with the concerns handling them from the Producer to the Consumer

Indispensable as a Buyers' Reference for Contractors, Engineers, Exporters, Government Departments, Jobbers, Manufacturers, Municipalities, Purchasing Agents, Retailers, Architects, and for Factories, Foundries, Machine Shops, Mills, Mines, Plantations and Railroads. Also Valuable for Preparing Mailing Lists

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London, England: 186 Strand, W. C. 2 Paris, France Christiania, Norway Kobe, Japan: 14 Kobe Building

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How To Find Information

This volume is compiled for the use of Executives who buy and sell, Purchasing Agents and Sales Managers.

It is divided into five sections as follows:—

1. Index to Trades.
2. Classified Trades.
3. Trade Names.
4. Alphabetical.
5. Index to Advertisers.

INDEX TO TRADES

When in the Market for any class of material or service consult the " Index to Trades " in the front of the book where will be found the classification number of the product or service required.

Cross indexing. In the " Index to Trades " all articles are thoroughly cross indexed, thus High duty pumping engines are indexed under " Engines, pumping, high duty," " High duty pumping engines " and " Pumping engines, high duty," so that however the article is looked for it will be readily found.

CLASSIFIED TRADES SECTION

Turn to the " Classified Trades Section " and using the classification numbers at the top of the page for guidance, find the desired classification under which the names of the principal firms will be found. Those printed in black faced type or using display space to announce their products or services are especially equipped to fulfill your requirements.

In the larger lists the arrangement is alphabetical by States and Cities, enabling you to select at a glance the names in any section of the country; in the other lists the arrangement is alphabetical for the whole United States.

Products are listed in the " Classified Trades Section " alphabetically according to the noun, except in the case of machinery and textile machinery and supplies, which for greater facility are brought together in two main groups. " Machinery " classifications 7671-9499 and " Textile Machinery " classifications 14993-15489a, under which the various kinds of Machinery are subclassified, each carrying its own classification number.

All firms operating a machine shop or foundry, in addition to being listed under their various products, are again shown in the list of " Machinists and Founders," classification 9502.

TRADE NAME SECTION

If you require an article manufactured under a special trade name or brand but do not know the name or address of the manufacturer, refer to the " Trade Name Section," where all leading trade names are listed alphabetically, followed by the name and address of the manufacturer.

ALPHABETICAL SECTION

When you know the name of a firm but do not know where it is located turn to the " Alphabetical Section," where you will find in one list all concerns listed in the book, together with their main product and address.

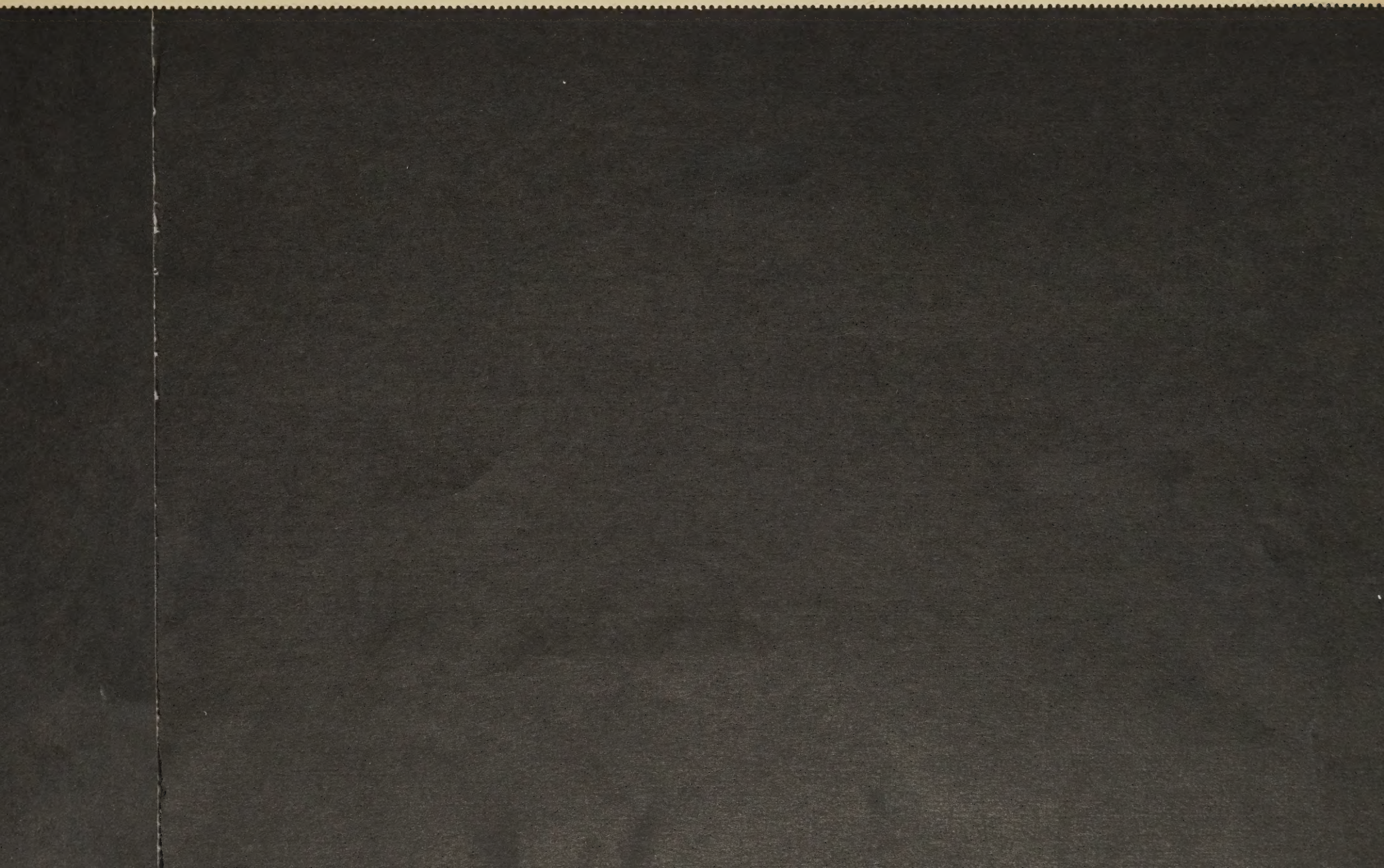
INDEX TO ADVERTISERS

When the line "See Adv. Index at end of book" follows any name, a reference to the " Advertisers' Index " at the back of the book will give the page number or numbers on which their display announcement appears, also give their branch offices, if any.

SERVICE BUREAU

A Service Bureau is maintained for the assistance of users of Hendricks' Register. In case you cannot find what you require write this bureau, which will endeavor to locate the article or manufacturer required and reply promptly. There is no charge for this service to subscribers to the book.

Although every effort is made to thoroughly revise HENDRICKS' COMMERCIAL REGISTER each year, it is inevitable in a work of this size that some errors or omissions creep in. The Publishers will appreciate information as to new firms which should be listed, or ones which should be eliminated, changes of address, etc. The attached p cards are provided to assist in furnishing this information.



REMOTE STORAGE

IMPORTANT THE NUMBERS IN THIS INDEX REFER TO THE CLASSIFICATIONS DIRECT AND NOT TO THE PAGE NUMBER

INDEX TO TRADE CLASSIFICATIONS

FOR INDEX TO NAMES OF ADVERTISERS WITH THEIR BRANCH OFFICES, SEE END OF BOOK

NOTE.—The cross references following many of the classifications are inserted to draw attention to other branches of business connected with such classifications, and a little study of them will often result in the finding of desired information which at first glance might appear to be omitted.

Many of the names listed under the classifications to which this Index refers are followed by detail matter, trade names, etc. This information is invaluable to buyers and should be closely observed, as it is a special feature of the work. See also separate Trade Names, Brands, etc., Section page 1845.

Classifications which are marked thus* in the body of the Register are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will always be found under the standard classifications.

We earnestly hope that all new firms connected with the industries included in this Register will send us their business cards, and thus aid us to maintain our high standards of excellence.

Business changes, additions or corrections for the next edition will be thankfully received and INSERTED FREE OF CHARGE.

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HENDRICKS' COMMERCIAL REGISTER

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CLASSIFIED TRADES SECTION

Classifications marked thus * are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will be found under standard classifications.

Note.—The "Index to Classifications" should always be referred to when the desired information is not found in alphabetical order in the following pages. Many articles of a similar nature only appear under one general classification. For example, "galvanized steel sheets" cannot be found under the letter "G," but a reference to the "Index to Classifications" shows them at classification 6715, and when that number is looked at the required information is given under the listing of "Iron and Steel Sheet (Black and Galvanized)."

1— Abrasives

See also Emery & Corundum Manufacturers

Abrasive Mining Mfg. Co., Plymouth, Ind.
Am. Abrasive Co., Westfield, Mass.
Am. Steel Wool Mfg. Co. ("American" & "Ideal"), 45 Greenwich, New York.
Behr, H., & Co., 61 B'way, New York
Bennett-O'Connell Co., 3600 S. Morgan, Chicago, Ill.
Buchanan Thos. Co., The, 29 W. 3rd, Cincinnati, Ohio.
See adv index at end of book
Burns, E., Reed Supply Co., 27 Jackson, B'klyn, N. Y.
Carborundum Co., Niagara Falls, N. Y.
Crown Rheostat & Supply Co., 17 S. Desplaines, Chicago, Ill.
Exolon Co., Cambridge, Mass.
General Abrasive Co., Niagara Falls, N. Y.
Griffiths, K. F., & Co., 81 Fulton, New York
Hampden Corundum Wheel Co., Springfield, Mass.
Handy & Harman, 59 Cedar, New York
Harrison Supply Co. ("New Process" Metallic, Natural & Artificial), 209 Washington, Boston, Mass.
Hason & Van Winkle Co., 269 Oliver, Newark, N. J.
Keystone Emery Mills, 4325 Paul, Phila., Pa.
Manning Abrasive Co., Troy, N. Y.
Metal & Thermit Corp., 120 B'way, New York
Niagara Emery Mills, Inc., 50 Broad, New York, Mills, Lockport, N. Y.
See adv index at end of book
Norton Co., Worcester, Mass.
Pittsburg Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Speare's, Alden, Sons Co., 149 B'way, New York
Stiles, H. A., & Co., 97 Oliver, Boston, Mass. *See adv index at end of book*
Vitrified Wheel Co., Westfield, Mass.
Washington Mills Emery Mfg. Co., No. Grafton, Mass
WAUSAU ABRASIVES CO., Wausau, Wis.
Worcester Abrasive Co. ("Pep"), Worcester, Mass.

1a— Abrasives (Sand Blast)

Harrison Supply Co. ("Diamond Grit," "New Process," Chilled Shot), 209 Washington, Boston, 9, Mass.

2— Absorbent Traps (Vacuum)

Abbe Paul O., Inc., 924 Johnston bldg., New York *See adv index at end of book*
Knight, Maurice A., Akron, O.

3— Absorption Towers

Chemical Construction Co., Charlotte, N. C.
Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.
Lummus, Walter E., Co., 171 Milk, Boston, Mass.

4—Accident Preventers for Machinery

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), White bldg, Buffalo, N. Y.

5—Accident Preventers for Machinery, Presses, Etc.

(For Preventing Accidents to Workmen)
See also Press Attachments for Preventing Accidents
American La France Fire Engine Co., Elmira, N. Y.
Geuder, Paeschke & Frey Co. ("G. P. & F." Automatic) 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), White bldg., Buffalo, N. Y.

6— Account Register & System

Globe Register Co., 2412 Reading rd, Cincinnati, Ohio
Hainer Bookkeeping Machine Co. ("Hainer"), 45 Williard av, Providence, R. I.
McCaskey Register Co., Alliance, O.
Maxwell Filing System Co., Cleveland, O.
Safe Acct. Register Co., Canton, O.
Simple Account Salesbook Co. (Account Salesbook), Fremont, O.
Thomas-Peter Co. ("Canton"), Canton, O.

Accumulators (Chloride)

See Batteries, Storage

7— Accumulators (Hydraulic)

Allen Machine Co., Erie, Pa.
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
Chambersburg Engng. Co., Chambersburg, Pa.
Columbiana Boiler Co., Columbiana, O.
DUNNING & BOSCHERT PRESS CO. INC. (Weighted), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes, Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Farrel Foundry & Machine Co., Ansonia, Conn.
French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Hennebohle Frank (Stop & Flush Valves), 81st & S. Chicago av., Chicago, Ill.
See adv index at end of book
Hydraulic Press ("H.-P.-M.") Mfg. Co., Mt. Gilead, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Lourie Mfg. Co., The, Springfield, Ill.
See adv index at end of book
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, Ohio.
Niles-Bement-Pond Co., 111 B'way, New York
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Penn. Engineering Works, New Castle, Pa.
Reeves Bros. Co. (The), Alliance, Ohio.
See adv index at end of book
Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SOUTHWARK FOUNDRY & MACHINE, 1128 S. 4th, Philadelphia, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Thomas Albright Co., Goshen, Ind.
Tod William, Youngstown, O.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
United Engineering & Foundry Co., Farmers' Bank bldg., Pittsburgh, Pa.
Waterbury Farrel Fdry. & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.
Woodard Machine Co., Wooster, O.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

8— Accumulators (Steam)

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

8a— *Acetaldehyde

Roessler & Hasslacher Chemical Co., Inc., 709H 6th av., New York.
Shawinigan Products Corp., 110 William, New York. *See adv index at end of book*
U. S. Industrial Alcohol Co., 27H William, New York.

9— Acetanilide

Fergusson, Alex C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Montcalm Chemical Wks. (Para Nitro), 220 No. Illinois, Indianapolis, Ind.
New York Quinine & Chemical Wks., 135 William, New York.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

10-11-12— Acetate Ethyl

Alcohol Products Co. Blanchard, Newark, N. J.
Anderson Chemical Co., Wallington, **N. J.**
Cooper, Chas. & Co., 194H Worth, New York.
MINER-EDGAR CO., 110 William, New York.
U. S. Industrial Chemical Co., 27 William, New York

Acetate of Alumina

See Alumina

Acetate of Chrome

See Chronium Acetate

Acetate of Lead

See Lead, Acetate

13— Acetate of Lime

Beerston Acetate Co., Olean, N. Y.
Boyne City Chemical Co., Boyne City, Mich.
Buckhannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co. (Grey), Cadillac, Mich.
Clawson Chemical Co., Ridgway, Pa.
Coryville Chemical Co., Bradford, Pa.
Cummer-Diggins Co., Cadillac, Mich.
Florida Wood Products Co., Jacksonville, Fla.
Forest Chemical Co., Sheffield, Pa.
Gray Wm. S. & Co. (Jobber), 30 Malden la, New York
Heinemann Chemical Co., Olean, N. Y.
Lewis Run Mfg. Co., Bradford, Pa.
McKean Chemical Co., Williamsport, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
Mashek Chemical & Iron Co., Wells, Mich.
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswayo Chemical Co., Bradford, Pa.
Otto Chemical Co., Williamsport, Pa.
Russell Chemical Co., Ltd., Russell, Pa.
Smith A. B. Chemical Co., Buffalo, N. Y.
Sullivan Chemical Co., Acidalia, N. Y.
Treyz G. I., Cooks Falls, N. Y.
Wyman Chemical Co., Port Alleghany, Pa.

Acetate of Soda

See Sodium, Acetate

14— Acetic Anhydride

Dow Chemical Co. (85% to 90%), Midland, Mich.
Warner Chemical Co., 52 Vanderbilt av, New York

15— Acetine

Bischoff C. & Co. (Imp), 451 Washington, New York

16— Acetone

Albany Chemical Co., Albany, N. Y.
Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Commercial Solvents Corp., S. 1st, Terre Haute, Ind.
Erkenbrach Geo. A. Co., 115 Maiden la, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Gray Wm. S. & Co. (Jobber), 80 Maiden la, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Imperial Brass Mfg. Co. (Welding), 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mashek Chemical & Iron Co. (Methyl), Wells, Mich.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Seaboard Chemical Co. (Methyl), Blanchard, N. J.
U. S. Industrial Alcohol Co., 27 William, New York.
U. S. Industrial Chemical Co., 27 William, New York

17— Acetphenetidin

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Monsato Chemical Works, 1800 S 2d, St. Louis, Mo.
New York Quinine & Chemical Wks., 135 William, New York.

18— Acetyl Chloride

Warner Chemical Co., 52 Vanderbilt av, New York

18a— Acetylene

Air Reduction Sales Co., 120 B'way, New York
Commercial Acetylene Supply Co. (For Welding & Cutting), 80 Broadway, New York
K. G. Welding & Cutting Co. (Compressed), 556 W 34th, New York
Prestolite Co., Inc. (Dissolved Acetylene), Speedway, Indianapolis, Ind.
Searchlight Co. (Compressed), 2236 Lumber, Chicago, Ill.

18b— *Acetylene Generators

See also Burners, Acetylene; also Gas Machines, Acetylene

For medium pressure suitable only for welding or cutting operations, has great advantages over low pressure generators for the work mentioned.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Imperial Brass Mfg. Co. (Welding), 1200 W Harrison, Chicago, Ill.
See adv index at end of book

19— Acetylene Tetrachloride

Bischoff C. & Co. (Imp), 451 Washington, New York

20— Acid (Acetic)

Butterworth-Judson Corp., 61 Broadway, New York. *See adv index at end of book*
Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
Drackett P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Eastwood Chemical Co., Belleville, N. J.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuerst Bros. & Co., 2 Stone, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lennig Chas. & Co., 40 N. Front, Philadelphia, Pa.
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Marden, Orth & Hastings Co., 136 Liberty, New York.
Merrimac Chemical Co., 148 State, Boston, Mass.
Naugatuck Chemical Co., Naugatuck, Conn.
Nusbaum Chemical Co., Bradford, Pa.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Sergeant E. M. Co., 15 E. 26th, New York.
See adv index at end of book
Shawinigan Products Corp. (Glacial), 110 William, New York.
See adv index at end of book
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
U. S. Industrial Chemical Co., 27 William, New York

21— Acid (Acetic, Crude)

Avery Chemical Co., 88 Broad, Boston, Mass.
Chatham Mfg. Co., Savannah, Ga.
Eastwood Chemical Co., Belleville, N. J.
Florida Wood Products Co., Jacksonville, Fla.
Forest Products Co., 1212 Whitney, New Orleans, La.
Ga. Pine Turpentine Co. of N. Y., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Merck & Co., 45 Park pl, New York.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.

21a— Acid (Acetyl Salicylic)

Dow Chemical Co., Midland, Mich.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Miller, J. A., Co., 233 B'way, New York
Monsanto Chemical Wks., 1800 S 2nd, St. Louis, Mo.
Semet Solway Co., Syracuse, N. Y.

21b— Acid (Anthranilic)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Harmer Laboratories Co., 1704 Market, Phila., Pa.
Monsanto Chemical Works, 1800 S 2nd, St. Louis, Mo.

21c— Acid (Arsenic)

Innis Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Stratford Chemical Co., 25 Cortlandt, New York
Thomsen Chemical Co., Race & Windler, Baltimore, Md.

Acid (Arsenious)

See Arsenic, White

21d— Acid (Battery)

See also Chemicals, battery

Cochrane Chemical Co., 148 State, Boston, Mass.
Contact Process Co., Buffalo, N. Y.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Kalbfleisch Corp., 31 Union Sq, New York
Riverside Acid Wks, Warren, Pa.
United Chemical & Organic Products Co., 111 W. Washington, Chicago, Ill.

21e— Acid (Beta-Naphthol—Sulphuric)

Agawam Chemical Works, Grosvenor bldg, Providence, R. I.

22— Acid (Benzoic)

British-American Chemical Corp., 109 Beekman, New York
Chromos Chemical Co., Inc. (U. S. P.), 35 W. 42nd, New York.
Commonwealth Chemical Corp., 15 Park Row, New York.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Greeff, R. W., & Co., 78 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Semet-Solvay Co., Syracuse, N. Y.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

22a— Acid Black

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Butterworth-Judson Corp (Blue, Black G & Blue Black Conc.), 61 Broadway, New York. *See adv index at end of book*
Dicks, David Co., Inc., Varick & No. Moore, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Metz, H. A., & Co., Inc., 122 Hudson, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
National Gum & Mica Co., 59th & 11th av, New York

22b— Acid Blue

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

23— Acid (Boric)

Croton Chemical Co. (Refined, Selling Agent), 14 Cedar, New York
Drakenfeld B. F. & Co. (Flaky, Refined, Imp), 50 Murray, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pacific Coast Borax Co. (Refined), Oakland, Cal.
Pfizer Charles & Co. (Crystals, Granular & Powdered), 81 Maiden Lane, New York
Thorkildsen-Mather Co. ("Sterling"), 111 W Monroe, Chicago, Ill.
Vitro Mfg. Co., H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

24— Acid (Butyric)

Commercial Solvents Corp., H. S 1st, Terre Haute, Ind.
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

25—Acid (Calcium Phosphate)

Iliff-Bruff Chemical Co. ("Snow White"), Hoopeston, Ill.
Provident Chemical Works, 8011 Idaho av., St. Louis, Mo.
Victor Chemical Wks., Fisher bldg, Chicago, Ill.

26— Acid (Carbolic)

Albany Chemical Co., Albany, N. Y.
Amerman & Patterson (Imported), 21 State, New York
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Bischoff C. & Co. (Imported), 451 Washington, New York
Chatfield Mfg. Co., Carthage, Cinn., O.
Dow Chemical Co., Midland, Mich.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuerst Bros. & Co., 2 Stone, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hoffmann-La Roche Chemical Works, 440 Washington, New York
JORDAN, WILLIAM E., INC. (Crude, Refined), 15 Cliff, New York.
Klipstein A. & Co. (Crude, Crystal & Liquid, Imp), 644 Greenwich, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co. (Crystals), 45 Park P., New York
National Aniline & Chemical Co., Inc. (White, Crystals & Conde), 21 Burling slip, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
PROTEXOL CORPORATION (Crude), 41 Barclay, New York
Roessler & Hasslacher Chemical Co. (Crystal & Liquid), 709 6th av, New York
Schieffelin & Co. (Imp), 170 William, New York
Semet-Solvay Co., Syracuse, N. Y.
White Tar Co. of N. Y. (Crude), 56 Vesey, New York

26a— Acid Chlorosulphoric

Atlas Powder Co., Wilmington, Del.

27— Acid (Chromic)

Anatron Chemical Co., B'way & 16th, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index a end of book
General Carbonic Co., Bridge, Albany, N. Y.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

27a— Acid (Cinnamic)

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Standard Chemical Co., Bayonne, N. J.

28— Acid (Citric)

Clark Chemical Co., Wickliffe, O.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la., New York.
Klipstein A. & Co. (Crystal & Powder, Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pfizer Chas. & Co. (Crystals, Granular & Powdered), 81 Maiden Lane, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

28a— Acid (Cresotinic)

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Hayden Chemical Wks., Garfield, N. J.

28b— Acid (Cresylic)

See also Acid, Carbolic; also Cresol
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
JORDAN, WILLIAM E., INC., 15 Cliff, New York.
Protexol Corporation, 41 Barclay, New York.

29— Acid (Dipping)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Kalbfleisch Corp., 31 Union sq., New York

30— Acid Eggs

Bethlehem Fdry. & Mach. Co., S. Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO. (Cast Iron), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Charleston Dry Dock & Machine Co., Charleston, S. C.
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fulton Foundry Co., 1209 Marquette av, Cleveland, O.
Knight, Maurice A., Akron, O.
Lummus, Walter E., Co. ("Metrolift," Automatic), 171 Milk, Boston, Mass.
Moore Bros. Co., Elizabeth, N. J.
Pratt Engineering & Machine Co., Atlanta, Ga.
Superior Fdry. Co., Dept H, E. 71st & W. & L. E. Ry., Cleveland, O.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
United States Stoneware Co. (Glazed Stoneware), Akron, O.

30a— Acid (Fatty)

Baugh & Sons Co., 20 S Delaware, Phila., Pa.
Boyer Oil Co., Inc., 25 W. B'way, New York
Celina Stearic Acid Co., Celina, O.
Douglas Co., Cedar Rapids, Iowa
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Francesconi, J. C., & Co., 23 Beaver, New York
Hachmeister-Lind Chemical Co., 2332 Forbes, Pittsburgh, Pa.
Marden, Orth & Hastings Co., 136 Liberty, New York
Moore Oil Co., Cinn., O.
National Oil Products Co., Harrison, N. J.
Southern Cotton Oil Co., 120 B'way, New York

31— Acid (Formic)

Aniline Dyes & Chemicals, Inc., 134 Cedar New York
Bischoff C. & Co. (Imported), 451 Washington, New York
Fergusson, Alex. C., Jr., 474 Chestnut Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Greeff, R. W., & Co. (85-90%), 70 Front, New York
Herrick & Voight, 68 Maiden la., New York.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Sergeant, E. M. Co., 15 E. 26th, New York *See adv index at end of book*

32— Acid (Gallic)

American Alkali & Acid Co., Bradford, Pa.
Bischoff C. & Co. (Imp), 451 Washington, New York
Cooper Chas. & Co., 194 Worth, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Greeff, R. W., & Co., 78 Front, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co., 709 6th av, New York.

32a— Acid (Gamma)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Butterworth-Judson Corp., 61 Broadway, New York. *See adv index at end of book*
DU PONT E. I. DE NEMOURS & CO., INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.
Zinsser & Co. (U. S. P.), Hastings-on-Hudson, N. Y.

32b— Acid (H)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Butterworth-Judson Corp., 61 Broadway, New York. *See adv index at end of book*
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Merrimac Chemical Co., 148 State, Boston, Mass.
Monroe Color & Chemical Co., Quincy, Ill.
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.
Rector Chemical Co., 2 Rector, New York
Republic Color & Chemical Wks., Reading, Pa.

32c— Acid (Hydriodic)

Great Amer. Chemical Products Co., 23 Liberty, New York

32d— Acid (Hydrobromic)

Baker, J. T., Chemical Co., Phillipsburg, N. J.
Dow Chemical Co. (40% to 48%), Midland, Mich.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Squibb, E. R., & Sons, 78 Beekman, New York

32e— Acid (Hydrochloric)

Albany Chemical Co., Dept. H, Albany, N. Y.
Atlas Powder Co., 18°, 20°, 22°, 140 N. Broad, Phila., Pa.
American Metal Co., Ltd., 61H B'way, New York.
Arnold, Hoffman & Co., 55H Canal, Providence, R. I.
Avery Chemical Co., 88H Broad, Boston, Mass.
Baker J. T. Chemical Co., Phillipsburg, Pa.
Brown Co., 404H Commercial, Portland, Me.
Butterworth-Judson Corp., 61 B'way, New York. *See adv index at end of book*
Central Chemical Co., 115H W. Washington, Chicago, Ill.
Commercial Acid Co., East St. Louis, Ill.
Cordensite Co. of Am., Bloomfield, N. J.
Contact Process Co., Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Detroit Chemical Wks., 100H Junction av, Detroit, Mich.
Dow Chemical Co., (22% Br. Commercial, Midland, Mich.
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept. Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Garrigues Chas. F. Co. (Brokers), 54H Wall, New York.
General Chemical Co., 25 Broad, New York
General Chemical Co. (For Iron & Steel Mfrs.), 25 Broad, New York
Globe Chemical Co., 727H Ridgeway av., Cincinnati, Ohio.
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Hegeler Zinc Co., Dept. H, Danville, Ill.
Heyden Chemical Works, H Dundee av., Garfield, N. J.
Hooker Electrical Chemical Co., 40 Wall, New York.
Kalbfleisch Corp., 31 Union sq., New York.
Katzenbach & Bullock Co., 440H Washington, New York.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lening Chas. & Co., 112 S Front, Phila., Pa.
Mallinckrodt Chemical Works (C. P.), 2d & Mallinckrodt, St. Louis, Mo.
Marden, Orth & Hastings Corp., 136H Liberty, New York.
Marsden - Sewell Corp., 56H Pine, New York.
Merck & Co., 45H Park pl., New York.
Merrimac Chemical Co., 148 State, Boston, Mass.
Monsanto Chemical Works, 1800H S. 2nd, St. Louis, Mo.
Mountain Copper Co., Ltd., 332 Pine ("Mococo"), San Francisco, Cal.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
New Jersey Zinc Co., 160 Front, New York.
Niagara Alkali Co. (Free from Arsenic), Niagara Falls, N. Y.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Wks. (Muriatic), Warren, Pa.
Robinson Bros., H Montrose av., Brooklyn, N. Y.
Rollin Chemical Corp., 120 B'way, New York *See adv index at end of book*
San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
Seydel Mfg. Co., 86H Forrest, Jersey City, N. J.
Stauffer Chemical Co., 624H California, San Francisco, Cal.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
United Chemical & Organic Products Co., 111 W Washington, Chicago, Ill.
Wiarda John C. & Co., 273H Greene Brooklyn, N. Y.
Western Chemical Mfg. Co. (Commercial etc), Denver, Colo.
Wood J. Early, Inc., 246H Water, New York.

32f Acid (Hydrocyanic)

Cooper, Chas. & Co. (U. S. P.), 194 Worth, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

33— Acid (Hydrofluoric)

Baker J. T. Chemical Co., Phillipsburg, N. J.
Baker & Adamson Chemical Co., Easton, Pa.
Commercial Chemical Co., 5721 W 66th, Ludington bldg, Chicago, Ill.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Feuchtwanger L. & Co., 74 Cortlandt, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
General Chemical Co. (For Etching & Polishing Glass), 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hydrofluoric Mfg. Co. (For Cleaning Castings), York, Pa.
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Naugatuck Chemical Co., Nagauatuck, Conn.
Riverside Acid Works, Warren, Pa.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

34— Acid (Hydrosilicofluoric)

General Chemical Co., 25 Broad, New York

35— Acid (Lactic)

American Alkali & Acid Co., Bradford, Pa.
Avery Chemical Co., 88 Broad, Boston, Mass.
Bischoff C. & Co. (Imp), 451 Washington, New York
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Sergeant E. M. Co., 15 E. 26th, New York.
See adv index at end of book
Woolner & Co., Peoria, Ill.

35a— Acid (Laurent's)

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*

36-7— Acid (Linoleic)

Klipstein A. & Co. (Imp), 644 Greenwich, New York
Monsanto Chemical Works, 1800 S. 2nd, St. Louis, Mo.

38— Acid (Mixed)

Atlas Powder Co., Wilmington, Del.
Butterworth-Judson Corporation, 61 B'way, New York
See adv index at end of book
Contact Process Co., Abbott, Buffalo, N. Y.
Detroit Chemical Works, 100H Junction av., Detroit, Mich.

ACID (MIXED)—Continued
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York.
General Chem. Co., 25 Broad, New York
Harrison Works (Du Pont), 3500 Gray's Ferry rd, Phila., Pa.

39— Acid (Molybdic)

Heil Henry Chemical Co., St. Louis, Mo.
Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*

MOLYBDIC ACID
85 to 88%
C. P. for Laboratories
HOLZ & CO., Inc.
18 Madison Avenue - NEW YORK

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
RARE METAL PRODUCTS CO. (Mfrs.), Belleville, N. J.
York Metal & Alloy Co., York, Pa.

39a— Acid (Monochloracetic)

Dow Chemical Co., Midland, Mich.
Harmer Laboratories Co., 1704 Market, Phila., Pa.

39b—Acid (Monosulphonic F)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.
National Aniline & Chemical Co., 2 Burling slip, New York

39c— Acid (Naphthalene—Sulphonic)

Agawam Chemical Wks., Grosvenor bldg, Providence, R. I.

39d— Acid (Naphthionic)

Agawam Chemical Wks., Grosvenor bldg, Providence, R. I.
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Chemical Co. of Amer., Inc., 28 Platt, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.
Rector Chemical Co., 2 Rector, New York

39e— Acid (Naphthylamine—Suiphonic)

Agawam Chemical Wks., Grosvenor bldg, Providence, R. I.

39f— Acid (Neville & Winther's)

Agawam Chemical Wks., Grosvenor bldg, Providence, R. I.
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.

39g— Acid (Nitrating)

Atlas Powder Co., Wilmington, Del.

40— Acid (Nitric)

American Cyananied Co., 511H 5th av, New York.
Arnold, Hoffman & Co., 55H Canal, Providence, R. I.
Atlas Powder Co. (38°, 40°, 42°, 140 N. Broad, Phila., Pa.
Avery Chemical Co., 88H Broad, Boston, Mass.
Baker H. J. & Bro., 81H Fulton, New York.
Baker J. T. Chemical Co., Phillipsburg, N. J.
Brewer & Co., Dept. H, Worcester, Mass.
BUTTERWORTH-JUDSON CORP. ("Nitro"), 61 Broadway, New York.
See adv index at end of book
Calumet Fertilizer Co., New Albany, Ind.
Central Chemical Co., 115H W. Washington, Chicago, Ill.
Commercial Acid Co., East St. Louis, Ill.
Contact Process Co., Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Detroit Chemical Works (Nitric), 100H Junction av, Detroit, Mich.
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Erkenbrach Geo. A. Co., 115 Maiden la., New York.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Garrigues Chas F. & Co. (Brokers), 54H Wall, New York.
General Chemical Co. (For Iron & Steel Mfrs.), 25 Broad, New York
Globe Chemical Co., 727H Ridgeway av., Cincinnati, Ohio.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Heyden Chemical Works, H Dundee av., Garfield, N. J.
Independent Chemical Co., 122H West, New York.
Kalbfleisch Corp., 31 Union sq., New York.
Katzenbach & Bullock Co., 440H Washington, New York.
King Chemical Co., Bound Brook, N. J.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lennig & Co., 40 N. Front, Phila., Pa.
Marble J. Russell & Co., Dept. H, Worcester, Mass.
Marden, Orth & Hastings Corp., 136H Liberty, New York.
Marsden-Sewell Corp., 56H Pine, New York.
Merck & Co., 45H Park pl., New York.
Merrimac Chemical Co., 148 State, Boston, Mass.
Monsanto Chemical Works, 1800 S. 2nd, St. Louis, Mo.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Works, Warren, Pa.
Robinson Bros., H Montrose av., Brooklyn, N. Y.
Rollin Chemical Corp., 120 B'way, New York.
Seydel Mfg. Co., 86H Forrest, Jersey City, N. J.
Southern Acid & Sulphur Co., Boatmen's bldg., St. Louis, Mo.
Stauffer Chemical Co., 624H California, San Francisco, Cal.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
United Chemical & Organic Products Co., 111 W Washington, Chicago, Ill.
Western Chemical Mfg. Co. (Commercial etc), Denver, Colo.
Wiarda John C. & Co., 273H Greene, Brooklyn, N. Y.
Wood J. Early, Inc., 246H Water, New York.

41— *Acid (Orange)

Butterworth-Judson Corp., 61 Broadway, New York.
See adv index at end of book

Acid (Oleic)

See Oils, Red

Acid (Oleum)

See Acid, Sulphuric Fuming

42— Acid (Oxalic)

American Alkali & Acid Co., Bradford, Pa.
Bauer Philip Co., 25 W B'way, New York
Bell & Gossett Co., 609 W. 30th, Chicago, Ill.
Bischoff C. & Co. (German), 451 Washington, New York
Commercial Chemical Co. (Powdered), 5721 W 66th, Chicago, Ill.
Ducas B. P. Co. (Imp.), 25 S William, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

ALEX. C. FERGUSSON JR.
SINCE 1892
DOMESTIC AND IMPORTED CHEMICALS-COLORS-OILS
WAREHOUSE STOCKS
474 CHESTNUT ST. PHILADELPHIA

Fuerst Bros. & Co., 2 Stone, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Greeff, R. W., & Co., 76 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la., New York.
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Roessler & Hasslacher Chemical Co. (Imported), 706 6th av, New York
Sergeant E. M. Co., 15 E. 26th, New York. *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Victor Chemical Wks., Fisher bldg, Chicago, Ill.

42a— Acid (Perchloric)

Dow Chemical Co., Midland, Mich.
Genesee Chemical Co., Batavia, N. Y.
Mackay, A. D. (C. P. 50%), 130 Pearl, New York

43— Acid Phosphate

Adair A. D. & McCarty Bros., Atlanta, Ga.
American Agricultural Chemical Co., 3 Rector, New York
Arkansas Fertilizer Co., Little Rock, Ark.
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Barker Chemical Co., Savannah, Ga.
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Davison Chemical Co., Garrett bldg, Baltimore, Md.
Empire State Chemical Co., Athens, Ga.
Furman Fertilizer Co., Atlanta, Ga.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
International Agricultural Corporation, 61 B'way, New York
Jarecki Chemical Co., Sandusky, O.
King Chemical Co., Bound Brook, N. J.
Lang J. M. & Co. (Brokers), Savannah, Ga.
Mt. Pleasant Branch, Virginia-Carolina Chemical Co., Mt. Pleasant, Tenn.
Nitrate Agencies Co., 102 Pearl, New York
Painter E. O. Fertilizer Co., Jacksonville, Fla.
Planters Fertilizer & Chemical Co., 509 Hibernia, New Orleans, La.
Rasin-Monumental Co., National Marine Bank bldg, Baltimore, Md.
Royster F. S. Guano Co., Norfolk, Va.
Southern Seed Co., Louisville, Ky.
Standard Wholesale Phosphate Co., Continental bldg, Baltimore, Md.
Swift & Co., Atlanta, Ga.
Swift & Co., Union Stock Yards, Chicago, Ill.
Thomas I. P. & Son Co., Drexel bldg, Phila., Pa.
Tupelo Fertilizer Factory, Tupelo, Miss.
Union Seed & Fertilizer Co., 1018 Hennan bldg, New Orleans, La.
Virginia-Carolina Chemical Co., Richmond, Va.
Wuichet Fertilizer Co., Dayton, O.

44— Acid (Phosphoric)

Bowker Chemical Co., 2 Rector, New York
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Provident Chemical Works, 8011 Idaho av., St. Louis, Mo.
Roessler & Hasslacher Chemical Co., (Syrup & Glacial), 706 6th av, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Victor Chemical Wks., Fisher bldg., Chicago, Ill.
Warner Chemical Co. (1,400 S G), 52 Vanderbilt av, New York

44a— Acid (Phthalic)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Greeff, R. W., & Co., 80 Maiden Lane, New York
Monsanto Chemical Works, 1800 S. 2nd, St. Louis, Mo.
Rector Chemical Co., 2 Rector, New York
Youngstown Chemical Co., Youngstown, O.
Zinsser & Co., Hastings-on-Hudson, N. Y.

44b— Acid (Pickling)

Cooper, Chas., & Co., 194 Worth, New York

44c— Acid (Picric)

BUTTERWORTH - JUDSON CORP., 61 Broadway, New York.
See adv index at end of book
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Du Pont E. I. de Nemours & Co., Inc., (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book

45— Acid Plants (Complete)

Chemical Construction Co. (Sulphuric, Nitric & Hydrochloric), Charlotte, N. C.
Devine J. P. Co., Buffalo, N. Y.
Pratt Engineering & Machine Co., Atlanta, Ga.

ACIDS

MIXED	Noted for Purity and Strength.
SULPHURIC	60°-66°-98% Highest Commercial Quality.
OLEUM	All Strengths. Specializing in 20% and 28%.
MURIATIC	18°-20°-22°. Unexcelled in quality.
NITRIC	All Strengths. Highest Commercial Quality and Uniformity.

STANDARD B-J PRODUCTS

INTERMEDIATES

GAMMA ACID H ACID
Dry powdered form. Highest purity

PICRIC ACID
(Trinitrophenol) U. S. P. Free from impurities

PARANITRANILINE
Uniform solubility, constant melting point, free from foreign material

ACETIC ACID R SALT
MICHLER'S KETONE

ANILINE DYES
Product Samples and Prices on Request

BUTTERWORTH-JUDSON CORPORATION

SALES OFFICE: 61 BROADWAY, NEW YORK **WORKS: NEWARK, N. J.**

45a— Acid Plants (Hydrochloric)

Thermal Syndicate, Ltd., 50 E 41st, New York

45b— Acid Plants (Phosphoric)

Thermal Syndicate, Ltd., 50 E 41st, New York

46— Acid Plugs & Seats

Pratt Engineering & Machine Co., Atlanta, Ga.

47— Acid (Pyrogallic)

Berlin Aniline Works (Imp), 213 Water, New York
Bischoff C. & Co. (Imp), 451 Washington, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Greeff, R. W., & Co., 78 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

Acid (Pyroligneous)

See Acid, Acetic, Crude

47a— Acid Red

Butterworth-Judson Corp. (Fast Red), 61 Broadway, New York.
See adv index at end of book
National Gum & Mica Co., 59th & 11th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

48— Acid (Salicylic)

British-American Chemical Corp., 109 Beekman, New York
Dow Chemical Co., Midland, Mich.
DU PONT E. I. DE NEMOURS & CO., INC., Dyestuff Sales Dept., Wilmington, Del. *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuerst Bros. & Co., 2 Stone, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Great Am. Chemical Products Co., Inc., 640 B'way, New York
Greeff, R. W., & Co., 78 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heyden Chemical Works, Garfield, N. J.
Merck & Co., 45 Park pl, New York.
Merrell, W. S. Co., (Natural), 5th & Pike, Cincinnati, O.
Monsanto Chemical Works, 1800 S. 2nd, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Preston Chemical Co., Inc., 4th av, Brooklyn, N. Y.
Semet-Solvay Co. (Acetyl), Syracuse, N. Y.

48a— Acid (Sludge)

Du Pont Chemical Wks., Equitable bldg., New York

49— Acid (Stannic)

Drakenfeld B. F. & Co. (Dealer), 50 Murray, New York

50— Acid (Stearic)

Celina Stearic Acid Co., Celina, O.
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Clark F. C., 316 Kinzie, Chicago, Ill.
EMERY CANDLE CO. ("Standard" "Double" & "Luxe" Triple Pressed), 115 E. 4th, Cincinnati, O.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Gross A. & Co., 90 West, New York
Harkness & Cowing Co., Murray av & Carthage Pike, St. B., Cincinnati, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Kuh E. S. & Valk Co. (Imp), Produce Exch., New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Proctor & Gamble Co., Gwynne bldg, Cincinnati, O.
Rub-No-More Co., Ft. Wayne, Ind.
Smith & Nichols (Imported), 121 Maiden Lane, New York
Stevenson Bro. & Co., 110 Race, Phila, Pa.
Strahl & Pitsch (Imported), 141 Front, New York
Will & Baumer Co., Syracuse, N. Y.
Wilson-Martin Co., 30th & Market, Philadelphia, Pa.

50a— Acid (Sulphanilic)

Agawam Chem. Wks., Grosvenor bldg, Prov., R. I.
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
DU PONT E. I. DE NEMOURS & CO., INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Marden, Orth & Hastings Co., 136 Liberty New York
Verona Chemical Co., Verona av, Newark, N. J.

51— Acid (Sulphuric)

For Technical Use Only

American Alkali & Acid Co., Bradford, Pa.
American Metal Co., 61 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Anaconda Copper Mining Co., Butte, Mont.
Avery Chemical Co., 88 Broad, Boston, Mass.
Baker J. T. Chemical Co., Phillipsburg, N. J.
Baugh & Sons Co., The (Selling Agents), 25 So Calvert, Baltimore, Md.
Bidtel Chemical Works, Inc., 51 Front, New York
BUTTERWORTH-JUDSON CORPORATION, 61 B'way, New York
See adv index at end of book
Calumet Fertilizer Co., New Albany, Ind.
Cleveland Cliff Iron Co., Rockefeller bldg, Cleveland, O.
Contact Process Co. (Also Fuming), Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Davison Chemical Co., Garrett bldg, Baltimore, Md.
Detroit Chemical Works, 100H Junction av., Detroit, Mich.
Ducktown Sulphur, Copper & Iron Co., Isabella, Tenn.
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Du Pont E. I. de Nemours & Co., Inc., Special Product Sec., Wilmington, Del.
See adv index at end of book
Du Pont E. J. de Nemours & Co. (By-Products Division), Wilmington, Del.
Eagle-Picher Lead Co., 208 S. La Salle, Chicago, Ill.
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
General Chemical Co. (Also Fuming Sulphuric), 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harrison Works (Du Pont), Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hegeler Zinc Co., Danville, Ill.
Illinois Zinc Co., Peru, Ill.
King Chemical Co., Bound Brook, N. J.
Lancaster Chemical Co., Lancaster, Pa.
Lanyon Robert Zinc & Acid Co., Hillsboro, Ill.
Lennig Chas. & Co., 140 N. Front, Philadelphia, Pa.
Mallinckrodt Chemical Works (C P), 2d & Mallinckrodt, St. Louis, Mo.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
Mineral Point Zinc Co., 140 S Dearborn, Chicago,, Ill. Works: Mineral Point, Wis.
Monsanto Chemical Works, 1800 S. 2nd, St. Louis, Mo.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
New Jersey Zinc Co., 160 Front, New York
Penna. Salt Mfg. Co. (Fuming, etc), Widener bldg, Phila., Pa.
Planters' Fertilizer & Phosphate Co., Charleston, S. C.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Works (Mfrs 50, 60 & 66 Electrolyte), Warren, Pa.
Royster F. S. Guano Co., Norfolk, Va.
Sergeant E. M. Co., 15 E. 26th, New York. *See adv index at end of book*
Southern Acid & Sulphur Co., Boatmen's Bank bldg., St. Louis, Mo.
Standard Acid Works (50°, 60°, 66° Acid & Fume Acid 66%), Continental bldg, Baltimore, Md.
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Tennessee Copper Co., 61 B'way, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
United Chemical & Organic Products Co., 111 W Washington, Chicago, Ill.
United Zinc Smelting Corp., 99 John, New York
Virginia-Carolina Chemical Co., Richmond, Va.
Western Chemical Mfg. Co., Denver, Colo.
Williamson D. D. & Co., 86 Fulton, New York

F. BREDT & CO.

Manufacturers and Importers of

Acetate of Lead Tannic Acid Olive Oil
Dyestuffs Tartar Emetic Gambier Gum Tragacanth

240 WATER STREET, NEW YORK

51a—Acid (Sulphuric Brimstone)

Atlas Powder Co. (66° Be 98%), Wilmington, Del.

52— Acid (Sulphuric, Fuming)

Atlas Powder Co., Wilmington, Del.
BUTTERWORTH-JUDSON CORPORATION, 61 B'way, New York
See adv index at end of book
Contact Process Co., Buffalo, N. Y.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
National Zinc Co., 61 B'way, New York
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.

52a— Acid (Sulphuric, Substitute)

Research Mfg. Co. Oak Lane, Phila., Pa.

52b— Acid (Sulphurous)

Beggs, E. J., & Co., 92 William, New York
Butterworth-Judson Corporation, 61 B'way, New York
See adv index at end of book
Cooper, Chas., & Co., 194 Worth, New York
Hachmeister-Lind Chemical Co., 2332 Forbes, Pittsburgh, Pa.
King Chemical Co., Bound Brook, N. J.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Powers-Weightman-Rosengarten Co., 911 Parrish, Phila., Pa.
Seldner & Enequist, 86 Hausman, Brooklyn, N. Y.

53— Acid (Tannic)

Bredt F. & Co., 240 Water, New York
See adv index at end of book
Chilhowie Extract Co., Newport, Tenn.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Greeff, R. W., & Co., 78 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Pfizer Chas. & Co., 81 Maiden la, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Zinsser & Co. (U. S. P.), Hastings-on-Hudson, N. Y.

54— Acid (Tartaric)

Ferguson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la., New York.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pfizer Chas. & Co. (Crystals, Granulated & Powdered), 81 Maiden Lane, New York
Sergeant E. M. Co., 15 E. 26th, New York.
See adv index at end of book
Tartar Chemical Works, 156 5th av, New York

55— Acid (Tungstic)

Mineral Product Mfg. Co., Wilmington, Del.
Vanadium Corp. of Am., Equitable bldg, New York
York Metal & Alloy Co. ("Grade A"), York, Pa.

55a— Acid (Valeric)

Mallinckrodt Chemical Wks., St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Orr Chemical Co., Inc., Newark, N. J.

55b— Acid (Vanadic)

Carnotite Reduction Co., E. 26th & So. Park av, Chicago, Ill.
Vanadium Corp. of Am., Equitable bldg, New York

56— Acid Vessels

See also Jars, Acid
Bishop Gutta-Percha Co., 420 E 25th, New York
Eagle-Picher Lead Co., 208 S. La Salle, Chicago, Ill.
Elmer & Amend, 205 3d av, New York
General Ceramics Co. (Stone Coave Storage Vessels), 50 Church, New York
Gutta Percha & Rubber Mfg. Co. (Acid Pails), 126 Duane, New York

56a— Acid Violet

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Butterworth-Judson Corporation, 61 B'way, New York
See adv index at end of book
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
National Gum & Mica Co., 59th & 11th av, New York

57— Acid (Vulcanizing)

Empire Tire & Rubber Corp., East Trenton, N. J.

58— Acid (White)

General Chemical Co. (For Frosting Glass), 25 Broad, New York
Wiarda John C. & Co. (For Frosting), 273 Greene, Brooklyn, N. Y.

59— Acidometers

Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

60—*Acids for Pickling Iron & Steel

American Chemical Paint Co. ("Deoxylyte"), 1118 S 11th, Phila., Pa.

60a— *Acids

Butterworth-Judson Corpn., 61 B'way, New York. *See adv index at end of book*
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div. (All Kinds), Wilmington, Del.
See adv index at end of book
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Innis Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

61— Acids (Wood)

Corbett M. J. & Co., Binghamton, N. Y.
Corbett & Stuart, Binghamton, N. Y.
Georgia Pine Turpentine Co. of N. Y. (Crude), 158 Perry, New York
Leighton Arthur Co., Methol, N. Y.
Luzerne Chemical Co., Pittston, Pa.
Penn Chemical Co., Susquehanna, Pa.
Wright Chemical Co., Susquehanna, Pa.

62— Aconitine

Hoffmann-La Roche Chemical Works, 440 Washington, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

Acousticons

See Audiphones

63— Actions (Piano)

Abbott Piano Action Co., Fort Lee, N. J.
Amphion Piano Player Co. (pneumatic), Syracuse, N. Y.
American Player Action Co., 717 East 140th, New York
Auto Pneumatic Action Co., 627 W 50th, New York
Bogert & Hopper Inc. (Wood parts for), 57 Barclay, New York
See adv index at end of book
Cheney A. C. Piano Action Co., Castleton, N. Y.
Englehardt Piano Co., St. Johnsville, N. Y.
Estes E. B. & Sons (Wood Parts), 364 5th av, New York
See adv index at end of book
Newman Brothers Co. (Player), 410 S. Michigan av., Chicago, Ill.
Norris Noiseless Pedal Action Co., Stoughton, Mass.
Piano & Organ Supply Co., 2132 N Racine av, Chicago, Ill.
Seaverns Piano Action Co., Buffalo, N. Y.
Standard Action Co., Cambridge, Mass.
Standard Pneumatic Action Co., 638 W 52d, New York
Thayer Action Co., Rockford, Ill.

64—Adapters (Conduit Bushing)

Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.

65— Adapters (Lamp)

Arrow Electric Co., Hartford, Conn.
Bryant Electric Co., Bridgeport, Conn.
Central Telephone & Electric Co. ("Ajax" Tungsten), 310 N 11th, St. Louis, Mo.
Culver-Stearns Mfg. Co., Worcester, Mass.
Dale Lighting Fixture Co. (Tungsten), 107 W 13th, New York
Erikson L. Electric Co. (Tungsten Adjustable Joint), 6 Portland, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey, Bridgeport, Conn.
Mayer & Reichert (Combination Electric & Gas Adapter & Cock), 84 Evergreen av, Brooklyn, N. Y.
Metal Specialties Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
MORSE, FRANK W. ("Handy" for Candelabra to Standard, Ediswan to Candelabra, Standard to Ediswan, Ediswan to Standard, Foreign Ediswan to Standard, French to Candelabra, Standard to Mogul. D. C. to S. A. Ediswan or reverse. Candelabra to Ediswan), 289 Congress, Boston, Mass.
See adv index at end of book
Plume & Atwood Mfg. Co. (Auto & Reading), 470 Bank, Waterbury, Conn.
Rosen A. W. & Co., 610 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White J. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.

DU PONT

ACIDS AND HEAVY CHEMICALS

ACIDS: (acetic), all grades and strengths, muriatic, lactic, mixed, nitric, sulphuric, fuming sulphuric, dipping.

ALUMS: crystal ammonia, U. S. P. lump, ground and powdered (also special makes of Alums for color-makers, paper-makers, etc.), cake, filter, iron free, pearl, pickle, crystal potash, U. S. P. lump, ground and powdered, porous, sizing and iron free.

AQUA FORTIS

BARIUM CHLORIDE

BARIUM NITRATE

BAUXITE

BICHROMATE OF SODA

DISTILLED WATER

ELECTROLYTE Storage Battery Acid

STRONTIUM NITRATE

STRONTIUM CARBONATE

NITRITE OF SODA

SALT CAKE Sodium Sulphate

SULPHATE OF ALUMINA: all the commercial grade and strengths, as well as a specially concentrated product, containing 22% Al_2O_3 equivalent to 73% Sulphate of Alumina, of which we are the original manufacturers.

E. I. DU PONT DE NEMOURS & COMPANY, Inc., Wilmington, Del.

Sales Department, Acids and Heavy Chemicals Division

66— Addressing & Mailing

BOSTON MAILING CO. (New England Only), 394 Atlantic av., Boston, Mass.
Buckley Dement & Co., 1300H N. Jackson blvd., Chicago, Ill.
Business Address Co., 23 Barclay, New York.
Chicago Addressing Co., 720 S. Dearborn, Chicago, Ill.
Couture Sales Promoting Service, Manchester bldg. Portland, Ore.
Marshall G. Robert Letter Co., 431H S. Dearborn, Chicago, Ill.
RODGERS ADDRESSING BUREAU (Direct Advertising Service—Addressing & Multigraphing Mailing Lists a Specialty), 365 Market, San Francisco, Cal.
Ross-Gould Co., Olive & 10th, St. Louis, Mo.
U. S. Addressing & Printing Co., 38 Vesey, New York.

67—Adjusters (Automatic Slack)

American Brake Co. ("Westinghouse"), 1932 N B'way, St. Louis, Mo.
Hegeman-Castle Corp. ("Anderson"), Fisher bldg., Chicago, Ill.
Holden & White ("Anderson"), 343 S. Dearborn, Chicago, Ill.

68— Adjusters (Brake Slack)

American Brake Co., 1932 N B'way, St. Louis, Mo.
Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Gould Coupler Co., 30 E 42d, New York
Holden & White, Fisher bldg, Chicago, Ill.
Smith-Ward Brake Co., Inc., 17 Battery pl, New York
Standard Coupler Co. ("Shim" Automatic), 30 Church, New York
Western Railway Equipment Co. ("Acme" Automatic), Central Nat'l Bk bldg, St. Louis, Mo.

69— Adjusters (Chain)

Hamachek Frank ("Ideal," for Link-Chain Belting), Kewaunee, Wis.

70— Adjusters (Lamp)

MORSE FRANK W. ("Webster"), 289 Congress, Boston, Mass.
See adv index at end of book

71— Adjusters (Lamp Cord)

American Enamel Co., Providence, R. I.
American Vulcanized Fibre Co. ("Q. & C."), 504 Equitable bldg, Wilmington, Del.
Anderson Elec. Specialty Co., 154 Whiting, Chicago, Ill.
Austin M. B. & Co. ("Gem"), 706 W Jackson blvd, Chicago, Ill.
Baltes H. A., Garwood, N. J.
Bogert & Hopper Inc. (Electrical Lamp, etc.), 57 Barclay, New York
See adv index at end of book
Condit Electrical Mfg. Co. ("Saca" Shock Absorbers & Cord Adjuster), 1st & L, Boston, Mass.
Crouse-Hinds Co., Syracuse, N. Y.
DELAWARE HARD FIBRE CO., (Electric Light, etc., Fibre), Wilmington,
See adv index at end of book
Diamond State Fibre Co. (Fibre), Elsmere, Del.
ESTES, E. B. & SONS (Electric), 364 5th av, New York
See adv index at end of book
Frantz Mfg. Co. ("Lightning"), Sterling, Ill.
Gay Mfg. Co., Rochester, N. Y.
Gund Mfg. Co., La Crosse, Wis.
Ham E. W. Electric Co., Worcester, Mass.
Harley Co., Springfield, Mass.
Harter Co., Waukegan, Ill.
Indispensable Mfg. Co., San Francisco, Cal.
McGILL MFG. CO. ("Innovate"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Milam B. C. & Son, Frankfort, Ky.
MORSE FRANK W. ("Morse" Automatic "Handy"), 289 Congress, Boston, Mass.
See adv index at end of book
Novelty Turning Co., Norway, Me.
Phelps Mfg. Co., 265 Jefferson av, 49 W. Larned, Detroit, Mich.
Runzel-Lenz Electric Mfg. Co. ("R-L" Telephone cord adjuster), 1751 N Western av, Chicago, Ill.
Standard Fibre Co., Miller st, Somerville, Mass.
Trumbull Electric Mfg. Co. ("Ideal"), Plainville, Conn.
Wilmington Fibre Specialty Co., Wilmington, Del.
Yost Elec. Mfg. Co. ("Electrogrip"), Toledo, Ohio

Adjusters (Shade)

See Adjusters, Window Shade

72-3—Adjusters (Switch Plate)

Electric Apparatus Co., 127 S Green, Chicago, Ill.

74—Adjusters (Window Casement)

Casement Hardware Co. ("Holdfast," "Bull Dog"), 9 S Clinton, Chicago, Ill.
Champion Hardware Co. ("Champion," Casement Window), Geneva, O.
Dent Hardware Co., Fullerton Pa.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Grant Pulley & Hardware Co., 101 Park av, New York
Holbrook, H. E., Co. ("Whitney"), 49 Federal, Boston, Mass.
Ives H. B. Co., New Haven, Conn.
Parsons Mfg. Co., 411 So Clinton, Chicago, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Rixson Oscar C. Co. (& Transom), 4450 Carroll av., Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & H'dwe Co, Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Tabor Sash Fixture Co. (Aut.), 63 Polk, Newark, N. J.
Weber-Knapp Co. (Wrought Brass Window), Jamestown, N. Y.
Wilkins Geo. Lester (For Swingout Casements), 180 N Market, Chicago, Ill.

75—Adjusters (Window Shade)

Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
Ives H. B. Co., New Haven, Conn.
Lancaster Clamp Window Shade Pull Co. ("Clamp" adjusts and pulls the shade up or down), Lancaster, Pa.

76—Adjusters (Window Stop)

Grant Pulley & Hardware Co., 101 Park av, New York
Ives H. B. Co., New Haven, Conn.

76a—Advance Construction & Industrial Information

DAILY BULLETIN, PUBLISHED BY MANUFACTURERS RECORD, Baltimore, Md.
See adv index at end of book

77— Advertising Counsellors

Adoil Agency, Oil City, Pa.
Advertising Laboratories, The (Technical), Canton, O.
Aitken-Kynett Co., 1328 Walnut, Philadelphia, Pa.
Ayer, N. W. & Son, 308 Chestnut, Philadelphia, Pa.
Barton, Durstine & Osborn, 25 W. 45th, New York.
Batton, Geo. & Co., 381 4th av, New York
Blum's Adv. Agency (Mail Advertising in all its Branches), 618 Mission, San Francisco, Cal.
Brooke, Smith & French, Kresge bldg., Detroit, Mich.
Bull, Norris L., 721 Main, Hartford, Conn.
Campbell, H. C., Ariel bldg., Erie, Pa.
Chamberlin Co. (Technical Service, Steam & Mechanical Engineering, etc), Kresge bldg, Detroit, Mich.
Cochrane, Witt K. Advertising Agency, 30 N. Dearborn, Chicago, Ill.
Collins-Kirk, Inc., 410 S. Michigan av., Chicago, Ill.
Conover, S. A. Co., 99 Chauncey, Boston, Mass.
Crissey & Carpenter, 440 S. Dearborn, Chicago, Ill.
D'Arcy Advertising Co., International Life bldg., St. Louis, Mo.
Diamond Service, Waterbury, Conn.
Donnelley, Lee C. & Co., 818 Ulmer bldg., Cleveland, O.
Doughty, C. L. Advertising Agency, 448 Main, Cincinnati, O.
Field Advertising Service, Indianapolis, Ind.
Florian, Paul A., Jr., 200 E. Erie, Chicago, Ill.
Frailey Advertising Co., Youngstown, O.
Gibson, Geo. H. Co. (Steam & Mechanical Engineering, etc.), 100 Gold, New York.
Goodwin, H. C., Inc., Union Trust bldg., Rochester, N. Y.
Gotham Advertising Co., 95 Liberty, New York.
Gray, Russell T., Advertising Agency, 616 S. Michigan, Chicago, Ill.
Hancock Payne Advertising Agency, 403 Drexel bldg., Philadelphia, Pa.
HAZARD ADVERTISING CORP. (Newspaper, Magazine, Car Card, Billboard, Direct-by-Mail, House Organs, Catalog, Booklets, Circulars, etc.), 7 E. 42d, New York.
Hirschberg, Chas. A., Inc., 150 Nassau, New York.
Holmes Advertising Service, 541 Wood, Pittsburgh, Pa.
Kuhl & Bent Co. (Printers, Lithographers, Embossers, High Class Form Letters, etc.), 331 W Washington, Chicago, Ill.
Lozier Ad Service, 343 S Dearborn, Chicago, Ill.
McCann, H. K. Co., 625 National City bldg., Cleveland, O.
McCarthy Co., 1106 Baker-Derwiler bldg., Los Angeles, Cal.
McLain-Hadden-Simpers Co. (Steam & Mechanical Engineering, etc), 210 S 7th, Phila., Pa.
Manternach Co., Hartford, Conn.
Manufacturers' Publicity Co., 30 Church, New York.
Michel, A. Eugene & Staff, 116 Nassau, New York.
Morris, Herbert M. Advertising Agency, N. American bldg., Philadelphia, Pa.
Morris, Philip Advertising Service, First Natl Bank bldg., Chicago, Ill.
Moser & Cotins, 206-212 Paul bldg., Utica, N. Y.
Mutual Service Corp., 140 Cedar, New York.
Patterson-Andrews Co., Inc., 1 Madison av., New York.
Powers House Co., Racine bldg, Cleveland, Ohio
Presbrey, Frank Co., 456 4th av., New York.
Reece & Crittenden Co., Cleveland, O.
Rickard & Co., Inc., 25 Spruce, New York.
Robel & Bryant, Inc., 608 S. Dearborn, Chicago, Ill.
Rodgers Addressing Bureau (Direct Advertising Service; Addressing & Multigraphing Mailing Lists a Specialty), 356 Market, San Francisco, Cal.
Sacks Co., Inc., 116 W. 32nd, New York.
Snow, Walter B. Snow & Staff, 60 High, Boston, Mass.
Sterling Beeson Co., 309 Bank of Commerce bldg., Toledo, O.
Structural Service Bureau (for building industry), 1701 Walnut, Phila., Pa.
Sweeney & James Co., 1632 Euclid av., Cleveland, O.
Sweetland, Ben. J., 95 Liberty, New York.
Teas, Paul, Guardian bldg., Cleveland, O.
Technical Publicity Co., Pittsburgh, Pa.
Tobin, James Francis, 5033 Cedar av., Philadelphia, Pa.
See adv index at end of book

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Von Weller-Lyon Co., 180 N. Market, Chicago, Ill.
Walker, Wm. S. Co., Park bldg., Pittsburgh, Pa.
Wallower, Roland C., 918 N. 16th, Harrisburg, Pa.
Waring, Vechten Co. (Advertising Writing, Printing, Illustrating & Booklets, Catalogues, etc.), 37 E 28th, New York
Wightman Lucius I. (Counsellor & Consulting Engineer in Technical Advertising & Marketing Exclusively), 50 Union sq. New York
Winchell, H. C., 20 E. Jackson blvd., Chicago, Ill.

78—*Advertising Devices (Automatic)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O.
See adv index at end of book

79—Advertising Novelties & Specialties

See also Index for Adv. Rules, Tapes, etc
See also Metal Novelties & Specialties
Advertising Leather Specialty Co. (Leather), 303 Mercer, New York
Advtg. Novelty Co., Spokane, Wash.
Agents' Supply Co., Ft. Wayne, Ind.
Aluminum Container Corp. (Aluminum Cards, Boxes & Clocks), Fulton, New York
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
American Art Sign Co., 201 37th, Brooklyn, N. Y.
American Art Works (Calendars, Celluloid & Leather Novelties, Pocket Books & Diaries, etc), Coshocton, O.
Am. Display Co. (Mechanical), Dayton, O.
American Blank Book Mfg. Co. (Leather), 150 Lafayette, New York
American Badge Co. (Metal Fobs, Celluloid Novelties, etc), 143 W Austin av, Chicago, Ill.

AD. NOVELTIES & SPECIALITIES—Cont.

Am. Emblem Co., Inc. (Metal), 333 Columbia, Utica, N. Y.
American Luminous Products Co. (Clocks, Danger Signals, Bulbs, Boxes, Calenders, Switch Plates), Huntington Park, Cal.
American Mfg. Concern **(Full Line of Woolen Novelties), Falconer, N. Y.**
Am. Spec. Co., 9 Vose, Rochester, N. Y.
Anderson W. A. & Co. (Leather), 83 Fulton, New York
Anthe Phil J. & Co., Cincinnati, Ohio
Arcadia Advg. Spec. Co., Newark, N. J.
Arcadia Advertising Specialties Co., Inc., (Blotters), Newark, N. Y.
Architects Card File Co., 35 Montgomery, San Francisco, Cal.
Armstrong, Paul, 97 Ft. Washington av, New York
Art-Stone Mfg. Co. (Plaster Casts, Statuettes, etc), 282 9th av, New York
Atwater S. I., 101 Lafayette, New York
Automatic Call Advg. Clock Co., Portland, Ore.
Attracto Co., Tretz bldg, Phila., Pa.
Badger Calendar Co., 790 Buffum, Milwaukee, Wis.
Bain Fred B., Royal Ins. bldg, San Francisco, Cal.
Bainbridge Chas. J., Syracuse, N. Y.
Baker Advtg. Co., 428 Central block, Pueblo, Colo.
Baker Oliver Mfg. Co., 315 1st av, N Minneapolis, Minn.
Balch Bros. & West, Utica, N. Y.
Barlow Co. (Brass, Copper, etc), Holyoke, Mass.
Barwell Spec. Co., Canton, Ohio
Bastian Bros. Co. (Celluloid & Metal), Rochester, N. Y.
Beach Leather Co., Coshocton, O.
Beckman Thos. J. Co., 310-316 N 11th, Philadelphia, Pa.
Bedford Aluminum & Specialty Co., 4 Reade, New York
Bell Co., 105 Public sq, Nashville, Tenn.
Bellevue Mfg. Co., Lee, Mass.
Bemis Bro. Bag Co. (Aprons, Fac-Simile Bags & Paper Bags), 601 S 4th, St. Louis, Mo.
Berg Bros. (Leather), 480 B'way, New York
Berlin Fabric Mfg. Co. (Dust Caps, Cloth Advertising Novelties), Berlin, Wis.
Best Mfg. Co. (Calendars, Card & Novelties), New Haven, Conn.
Blackwell F. E. (Auto Adv. Specialties), 630 Mission, San Francisco, Cal.
Blanchard Bros. (Pencils, Penholders & Round Handle Utilities), 19th, Brooklyn, N. Y.
Blanchard Isaac H. Co., 418 W 20th, New York
Bogert & Hopper Inc. (Full Line of Wooden Turned Novelties), 57 Barclay, New York *See adv index at end of book*
Bostwick-Goodell Co. (Wooden Specialties), Norwalk, O.
Boyeson H. C. & Co., 350 Minnesota, St. Paul, Minn.
Bradford & Co. (Leather), St. Joseph, Mich.
Brassington John, Inc., Milwaukee, Wis.
Brazel Novelty Mfg. Co. (Aerial Ads), 1710 Ella, Cincinnati, O.
Broderick Co., 464 Robert, St. Paul, Minn.
Broome & Herbeg Co., Coshocton, Ohio
Bruml Hy. Co., 110 Liberty, New York
Business Reviving Co., Oblong, Ill.
Bulman, E. O., Mfg. Co., Grand Rapids, Mich.
Burgess W. C. & F. D. (Blotters), Newark, N. J.
Carton Corp. (Display Cards), 645H Brannan, San Francisco, Cal.
Calcium Light Advtg. Co., Newburgh, N.Y.
Calendar Spec. Co., 113 South, New York
Canton Cutlery Co. (High Grade Photo Pocket Knives), Canton, O.
Canton Glass Co. (Glass Paperweights and any Special Designs made from Blue Prints or Models), Marion, Ind.
Carpenter L. A. Press. Metal Co. (Brass & Steel), Cambridge, Mass.
Carroll J. Bruce (Celluloid, Metal & Paper Specialties, Rules, Stamps, Books, Umbrella Tags, Mirrors, Blotters, Memo. Books, Paper Cutters, Flag Pins, Match Safes, Leather Watch Fobs, Pencils, etc), 3057 Carroll, Chicago, Ill.
Catalogue Equipment & Supply Co. (Loose Leaf Devices), Allston, Boston, Mass.
Cawood Novelty Mfg. Co., Danville, Ill.
Chester Advtg. Co., 202 W 3rd, Chester, Pa.
Cleophas Chas & Co., Beloit, Wis.
Colson W. O. Co., 118-20-22 S Main, Paris, Ill.
Com. Utilities Mfg. Co., 160 Wells, Chicago, Ill.
Continental Fibre Co. (Vulcanized Fibre), Newark, Del.
See adv index at end of book
Cook Chas K. Co. (Leather), 211-213 S Second, Camden, N. J.
Corthaus A. C. Spec. Co., 81 Michigan, Milwaukee, Wis.
Coshocton Art Leather Co., Coshocton, O.
Coshocton Specialty Co., Coshocton, O.
Crescent Advtg. Nov. Co., New Orleans, La.
Crescent Leather Goods Co., 16 W 19th, New York
Cruver Mfg. Co. (Celluloid, etc.), 2456 W Jackson blvd, Chicago, Ill.
Datz Albert Co., Jersey City, N. J.
Davis-Smith Co. (Business Greeting Cards), 530 Atlantic av, Boston, Mass.
Deaton, G. H. & Co., 171 No. Green, Chicago, Ill.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Delta Co., 629-631 Main, Osage, Ia.
Denney Tag Co., Inc. (Tags), West Chester, Pa.
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Direct Advtg. Co., Erie, Pa.
Donker & Williams Co., 1322 Wabash av, Chicago, Ill.
Dunne Thos. Co., 415-417 Natchez, New Orleans, La.
Eastern Advtg. Co., 8 W 40th, New York
Eisenstark & Lipshitz (Leather), 297 Mercer, New York
Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
Electric Appliance Mfg. Co., Dept. H, Waterbury, Conn.
Elwood Myers Co. (Calendars, Leather Goods, Signs, etc), Springfield, O.
Englehardt Jno. W. Co., 121 Carondelet, New Orleans, La.
Estes E. B. & Sons (Full Line of Wooden & Turned Wood Novelties), 364 5th av, New York *See adv index at end of book*
Etching Company of Am., 1520H Montana, Chicago, Ill.
Exclusive Advtg. Co., Oak Park, Ill.
Fergenspan C. & Co., Cincinnati, Ohio
Feis Chas. J. Co., 257 W 17th, New York City, N. Y.
Felsenthal G. & Sons (Celluloid, Paper, Metal), 446 Wells, Chicago, Ill.
Firstenberg J., 332 E 48th, New York
Florin Philip (Leather), 465 Broome, New York
Forbes W. H. Co. (Leather), Gloversville, N. Y.
Fox Gustav Co. (Metal), Cincinnati, Ohio
Frank J. W. & Sons, Peoria, Ill.
Frank L. S. Advtg. Mfg. Co., St. Louis, Mo.
French E. W. Co., 1 Beekman, New York
Geiger Bros., 17-23 Nevada, Newark, N. J.
Gen Etching & Mfg. Co. (Etched Metal), 312-14-16 S Hamilton av, Chicago, Ill.
General Advertising Co., Reading, Pa.
Geraghty & Co. (Celluloid Mirrors & Tape Measures, Nickel Match Boxes, Buttons, Flags, etc.), 3035 W Lake, Chicago, Ill.
Gilbert E. T. Mfg. Co., Rochester, N. Y.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Goes Lithographing Co. (Art Advertising Blotters), 42 W. 61st, Chicago, Ill.
Gohde Nov. Co., Viroqua, Wis.
Golden Belt Mfg. Co. (Cloth Bags), Durham, N. C.
Golden Rule Cutlery Co. (Metal), 1212 N Sheldon, Chicago, Ill.
Goodell Jas. M. Jr. Inc., 150 N Laramie av, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
Grand Rapids Calendar Co., 572-576 Division av S, Grand Rapids, Mich.
Gribble Advtg. Co., 78 Main, Galena, Ill.
Griffith C. A. Co., Bellingham, Wash.
Graeser Mfg. Co. (Paperweights), 55 Taggart, Pittsburgh, Pa.
Guarantee Spec. Nov. Co., Rochester, N. Y.
Hamilton Mfg. Co. (Leather), Portland, Me.
Hance J. W. Foundry Co., Westerville, O.
Hano Philip (Leather), 806 Greenwich, New York
Harris Benj. Co., 229 Bowery, New York
Hauser & Weil (Leather), 142 5th av, New York
Hawkeye Advtg. Co., Clarinda, Ia.
Hero Mfg. Co. (Aluminum), Westmoreland av & Stokely, Phila., Pa.
Hoaghn Mfg. Co., Waupaca, Wis.
Hodes & Sullivan, 142 Fulton, New York
Holmes Mfg. Co., 161 W. Harrison, Chicago, Ill.
Holstead W. W., Scimiter bldg, Memphis, Tenn.
Hoodwin J. W. Co. (Sales Boards & Cards), 2949 W. Van Buren, Chicago, Ill.
Huntsinger J. H. Adv. Mfg. Co., 2615-19 Walnut, Kansas City, Mo.
Ideal Specialties Mfg. Corp. (Calendar "Up to Date"), 552 Pearl, New York
Igelstroem Jno. Co., Massillon, Ohio
Illustrated Postal Card & Novelty Co., 160 5th av, New York
Index Republican Co., Bellefontaine, Ohio
Jackson W. & Co., 29 S La Salle, Chicago, Ill.
Jeffries W. P. Co., 117-21 Winston, Los Angeles, Cal.
Johnson Ezra Novelty Co. (Leather), Newnan, Ga.
Kalamazoo Advtg. Co., Kalamazoo, Mich.
Kearby F. J. & Co., St. Joseph, Mo.
Keller Crescent Co., Princeton, Ind.
Kennedy Co., Seattle, Wash.
Kenyon Co., 303 Grand av, Des Moines, Ia.
Keystone Calendar & Printing Co., Wilkes-Barre, Pa.
Ketterlinus Lithographic Mfg. Co. (Calender Backs, Advertising Fans, Book Marks, Blotters, etc), 4th & Arch, Phila., Pa.
Knickerbocker Leather & Novelty Co., 79 5th av, New York
Knoell Mfg. Co., Tonawanda, N. Y.
Kyle Advtg. Co., Louisville, Ky.
Lambert P. W. & Co. (Leather), 64 Lispenard, New York
Lancaster Glass Co. (Glass Novelties), Lancaster, O.
Landa A. & Sons Co. (Leather), 1706 Foster av, Chicago, Ill.
Langfeld Bros. & Co. (Leather), 1421 Wallace, Phila., Pa.
Lemcke Meyer Novelty Co. (Leather), 4931 Carthage av, Cincinnati, O.
Levy & Merzbach (Leather), 1255 B'way, New York
Lincoln Advertising Co. (Calendars & Specialties), Lincoln, Neb.
Livermore & Knight Co., 36 Pine, Providence, R. I.
Lubbers & Bell Mfg. Co. (Fly Killers), Clinton, Iowa
Lufkin Rule Co. (Tapes & Rules), Saginaw, Mich.
Mack Jas. & Co., 18 S. 5th av, Chicago, Ill.
Malmsten Theo. E., 3517 No. av, Strass bldg., Milwaukee, Wis.
Marill Novelty & Metal Co., Walden, Mass.
Martin Luther E. Co., 411 Equitable bldg., Baltimore, Md.
Massillon Cleveland-Akron Sign Co., Massillon, O.
McCormick Co., Coshocton, O.
McKay Spec. Co., Anderson, Ind.
Meek J. F. Co., Coshocton, O.
Meeker Advertising Co., Third & Missouri av, Joplin, Mo.
Meilicke Calculator Co. (Metal), 934 Wrightwood av., Chicago, Ill.
See adv index at end of book
Mergott J. E. Co., 316 Jelliff av, Newark, N. J.
Metallograph Corp., 1100 Brook av, New York, or Grand Central Terminal
Metropolitan Imptg. & Mfg. Co. (Aluminum), 304 East 23d, New York
Mills R. C. (Novelties), 525 Market, San Francisco, Cal.
Milan Independent, 107 Third, Milan, Ill.
Miller J. M. Co., 764 8th, Milwaukee, Wis.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Moody Mfg. Co., 280 Broadway, New York
Moore T. F. Co. (Window Display & Store Advertising), 19 W 44th, New York
Morgenstern & Brill (Leather), 26 W 17th, New York
Morse A. B. Co., St. Joseph, Mich.
Mossberg Frank Co. (Letter Openers, Pocket Cork Screws, Combination Pocket Tool, Bottle Openers, developing of any type of metal novelties), Attleboro, Mass.
Muerdter Emil, 1428 Hunting Park av, Phila., Pa.
Murphy Thos. D. & Co., Red Oak, Ia.
Myers Elwood Co. (Leather), Springfield, Ohio
Napier-Browning Co. (Celluloid), 105 W 40th, New York
National Advertising Co., Caxton bldg, Cleveland, Ohio
National Art Works ("Bras Etch" Show Case Inserts & Shelf Strips), Covington, Ky.
National Calendar Co., 1014 Flint, Cincinnati, Ohio
National Sheet Metal Co. (Stamped from "Nicolene" or Nickeltin), Peru, Ill.
Neuer & Hoffman (Advertising Twine), 75 Grand, New York
Newark Elmer A. & Co., Charlotte, Mich.
New England Calendar & Novelty Co., 756 Main, Hartford, Conn.
New Jersey Novelty Adv. Co., Newark, N. J.
Niagara Falls Metal Stamping Works (Aluminum, Brass, Copper, etc), Niagara Falls, N. Y.
Noble F. H. & Co. (Metal Specialties), 555H W. 59th, Chicago, Ill.
Novelty Advertising Co., Cochocton, O.
Novelty Cutlery Co. (Pocket Knives), Canton, O.
Novitas Sales Co. (Metal & Cardboard), Waltham, Mass.
O'Brien J. M. Co., 218 S B'way, Los Angeles, Cal.
Offerman F. J. Art Wks., 301 Broadway, Buffalo, N. Y.
Ohio Printing & Publishing Co. (Calendars), Massillon, O.
Olmstead Bros. Co., 9 14th, Wheeling, W. Va.
Omaha Leather Co. (Leather), Omaha, Neb.
Ortmann A. & Son (Leather), 2340 3rd av, New York
Osborne Co. (Calendars & Novelties), 759 Summer av, Newark, N. J.
Paris Belt & Novelty Co. (Bather), 231 N Wills, Chicago, Ill.
Parrott Matt & Sons Co., Waterloo, Ia.
Peerless Leather Specialty Co., 54 Greene, New York
Pencil Exchange, 73 Fleet, Jersey City, N. J. *See adv index at end of book*

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Pencil Printing Co., 140 S 4th, Phila., Pa.
Penton Advertising Co., 400 Chestnut, Phila., Pa.

Pervear, H. N. Co. (Jewelry), Providence, R. I.
Pictorial Post Card Co., Rochester, N. Y.
Pilgrim Specialty Co., Malden Mass.
Racey Cement L. (Calendars, Leather Novelties, etc), Kansas City, Kan.
Rand F. L. Co., St. Louis, Mo.
Reproduction Co., 351 Jay, Brooklyn, N. Y.
Reading Ribbon Badge Co., Reading, Pa.
Readograph Adv. Co., Inc.
Reed Advg. Co., Portland, Ore.
Reed Evan L. Mfg. Co., Sterling, Ill.
Rehberger Mfg. Co. (Metal), 548 Webster av, Chicago, Ill.
Rehberger Mfg. Co. (Desk Specialties), 548 Webster av., Chicago, Ill.
Riordan T. G. Mfg. Co., 3943 Lincoln av, Chicago, Ill.
Rippel Mfg. Co., Lafayett, Ohio
Ritzville Advtg. Co., Ritzville, Wash.
Ristau, G. W. & Co., Kaukauna, Wis.
Riverside Printing Co. (Memo. Books & Blotters), Port Huron, Mich.
Robbins Co., 12 John, New York
Rockford Leather Goods Co. (Leather), Rockford, Ill.
Rose Co. (Engraved Christmas Cards & Calendars), 804-6 Sansome, Philadelphia, Pa.
Roseville Pottery Co. (Match & Ash Holders), Zanesville, O.
Rudy Jno. A. & Son, Carlisle, Pa.
Rumpp C. F. & Sons (Leather), 5th & Cherry, Phila., Pa.
Ryder Bros., Baker, Ore.
Sadler Bros. (Jobbers, Celluloid, Novelties), So. Attleboro, Mass.
St. Louis Button Co. (Badges, Buttons, Banners, Enam. Emblems & Pins), 413 Lucas av, St. Louis, Mo.
San Francisco Calendar Novelty Co., 320 1st. San Francisco, Cal.
Schimper, Wm. & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq., West New York.
Schindler Charles ("Bubbler"), Toledo, O.
Schlesinger Leo & Co. (Desk Clocks, Calendars, Hand Blotters, etc), 64 Worcester, N. Y.
Schnuerer & Murray (Leather), 15 E 32d, New York
Seaman N. & Co., Irregon, Ore.
Searle & Dressler, 1210 Turner, Allentown, Pa
Seneca Falls Rule & Block Co., Inc., Dept. H, Seneca Falls, N. Y.
Shafer M. F. & Co., 12th & Farnham, Omaha, Neb.
Shaw Advertising Co. (Calendars, Horse Covers, Cloth Goods, etc), Produce Exchange bldg, Kansas City, Mo.
Shedd-Brown Mfg. Co., 317½ 5th av S, Minneapolis, Minn.
Shelby Calender & Nov. Co., Shelbyville, Ind.
Shipley & Co., 8 E. Chestnut, Columbus, Ohio
Simmons N. (Leather), 13 University pl, New York
Singer Bros. (Leather), 82 Bowery, New York
Southard Novelty Co. (Calendars & Specialties), Columbus, Ohio
Sommer J. L. Mfg. Co. (Wire & Steel) Newark, N. J.
Southern Nov. Mfg. Co., Memphis, Tenn.
Souvenir Lead Pencil Co., Cedar Rapids, Ia.
Spec. Sales Co., 929 18th av, Seattle, Wash.
Stanford-Crowell Co., Ithaca, N. Y.
Stanwood Mfg. Co. (Paper), 83 Broad, Boston, Mass.
Stecher & Speirein Co. (Leather), 65 W Houston, N. Y.
Stein Bros. & Co. (Leather), 422 S Dearborn, Chicago, Ill.
Steinau Co., Louisville, Ky.
Stephens A. W. Mfg. Co., Waltham, Mass.
Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stone Printing & Mfg. Co., Roanoke, Va.
Swayze Advtg. Co., Canton, Pa.
Tablet & Ticket Co. (Paper), 624 W Adams, Chicago, Ill.
Teich Curt & Co. (Post Cards, Envelopes & Blotters), 1745 Irving Park blvd., Chicago, Ill.
Terre Haute Advtg. Co., Terre Haute, Ind.
Textile Products Mfg. Co., Park av. & Dolman, St. Louis, Mo.
T. & H. Supply Co., Oneida, N. Y.
Tonawanda Advertising Co. (Hardwood Rules, Thermometers, etc), Tonawanda, N. Y.
Transo Co., Rockford, Ohio
United Sales Mfg. Co., Elmira, N. Y.
U. S. Pat. Spec. Co., 606 Washington, New York
Universal Mfg. Co., 18-20 Pike, Chicago, Ill.
Universal Sanitary Mfg. Co., 1482 Broadway, New York.
Universe Mfg. Co. (Leather), 2218 Vine, Phila., Pa.
Up-to-Date Advertising Co. (Rulers), Canisteo, N. Y.
Vaughan Novelty Mfg. Co., 703 Fulton, Chicago, Ill.
Voss Herman Co., 603 E. Water, Milwaukee, Wis.
Wachtel Calendar & Novelty Co. (Calendars, Signs, etc.), 203 W. Main, Louisville, Ky.
Wallaster J. G., 620 Poydras, New Orleans, La.
Warren Leather Goods Co., Worcester, Mass.
Waterbury Button Corporation (Buttons, Checks, Coins, Figures, Numbers, Metal & Composition), 831 S Main, Waterbury, Conn.
See adv index at end of book
Waterloo Engr. & Service Co., Waterloo, Ia.
Wegenaar L. A. Mfg. Wks., 154 Nassau, New York
Weigel Geo. L., 1501 So. Kedzie av, Chicago, Ill.
Weissbrod Emil & Sons (Leather), Greenfield, Mass.
Wesley Co., 730 N. Franklin, Chicago, Ill.
Westcott-Jewell Co. (Rulers, Yard Sticks, etc), Seneca Falls, N. Y.
Western Art Leather Co. (Decorated Leather), Tabor Opera bldg, Denver, Colo.
Whitehead & Hoag Co. (Celluloid, etc), 272 Sussex av, Newark, N. J.
Wilkey Art Co., 3115 Sacramento bvd., Chicago, Ill.
Williams O. G. Co. (Aluminum, Leather & Wood), 64 W. Randolph, Chicago, Ill.
Williams Wm. H. Co., Greenville, Ohio
Williamson C. T. Wire Nov. Co. (Wire & Steel), 52-74 Badger av, Newark, N. J.
Winslow Cabot Co. (Thermometers), 46 Cornhill, Boston, Mass.
Winters Sign & Novelty Co., Springfield, O.
Wolf & Co., Franklin Bank bldg, Phila, Pa.
Woodward & Tiernan Printing Co. (Fans, Calendars, Catalogues, Booklets, Folders, Window Trims, Show Cards, Hangers, Stationery, etc.), 309 N. 3rd, St. Louis, Mo.
Ziller Advtg. Co., Meridian, Miss.

80— Adze Mfrs.

Am. Axe & Tool Co. ("Blood's," "Lippincott's," "Red Warrior," "Anosky," "Champion," "Hurd," "Underhill," "Monarch," "Hunt," "Coopers," Ship Railroad, etc), Glassport, Pa.
Atha Tool Co., Newark, N. J.
Black J. B. Co. (Wm. Beatty & Sons) (Carpenters', Coopers', Railroad, Ship Carpenters' Gutter or Spout), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), 119 Leonard, New York
Collins Co., Collinsville, Conn.
Evansville Tool Works (Carpenters', Railroad, Ship Carpenters', etc), Evansville, Ind.
Fulton Tool Works (Coal Miners' Track, "Fulco" "Fulton"), Huntington, W. Va.
Hammond Charles & Son, Ogontz, Pa.
Hardscog Mfg. Co. (Track), Ottumwa, Ia.
Leetonia Tool Co. (Tracksmen), Leetonia, O.
Mack & Co. ("D. R. Barton," Railroad, Carpenters', etc), Rochester, N. Y.
Norton Tool Co., West Park, Ohio
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc) ("Anchor"), N E cor Tucker & James, Phila., Pa.
Romer Axe Co. ("Romer," Carpenters', Railroad, Ship, etc), Dunkirk, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Weston Thomas B., 708 Light, Baltimore, Md.
White L. & I. J. Co. (Carpenters', Bridge, Railroad, Mill, Ship, etc), 120 Columbia, Buffalo, N. Y.

81— Aeco Deo

Anderson Chemical Co., Wallington, N. J.

82— Aeroplane Fuselages

Empire Art Metal Co., Inc., College Point, L. I., N. Y.
National Bronze & Aluminum Foundry Co. (Aluminum & Bronze Castings), 2539 E 79th, Cleveland, Ohio

82a— Aeroplane Parts & Supplies

Acklin Stamping Co. (Stampings Only), 1659 Dorr, Toledo, O.
See adv index at end of book
Alcock John L. & Co. (Specialties), Munsey bldg. Baltimore, Md.
Aluminum Co. of America (Aluminum, Ingot Sheet, Tubing, Wire, Rod, Rivets, Molding, Entruded Shapes, Elec. Conductors), 2400 Oliver bldg., Pittsburgh, Pa.
Aluminum Castings Co. (Lynite Alloys), 2210 Harvard av, Cleveland, O.
Am. Body Co., 11200 Niagara, Buffalo, N. Y.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Astoria Veneer Mill & Duck Co., Ft. Blackwell Long Island City, N. Y.
Barcalo Mfg. Co. (Shackles, Eyelets, Hose Clamps, Thimbles, Wing Socket Plates, Shut Ends, Hinges, Washer Plates & Misc. Forgings), Buffalo, N. Y.
Bell Co (The) 1555 Filmore av., Buffalo, N.Y. *See adv index at end of book*
Bettcher Stamping Mfg. Co. (Stampings), 6120 Clark av, Cleveland, O.
See adv index at end of book
Betz-Pierce (Cold Drawn 3½% Nickel Steel; also Large Rounds), 2230-40 E. 9th, Cleveland, O.
Boston Auto Gage Co., 8 Waltham, Boston, Mass.
Buffalo Pressed Steel Co., 800 Kinsington av, Buffalo, N. Y.
Century Telephone Construction Co., Buffalo, N. Y.
Champion Machine & Forging Co. (Forgings), 3690 E. 78th, Cleveland, O.
See adv index at end of book
Chemical Products Co. (Cloth Varnishes Non-Inflammable Sheets & Films, 93 Broad, Boston, Mass.
Cincinnati Screw Co. (Bolts, Nuts, Clevis Pins & Special Parts), Twightwee, Cincinnati, O.
Cold Light Mfg. Co. (Marvelite Dial, Illuminating Powder), 558 W. 158th, New York
Cuyahoga Spring Co. (Motor or Engine Springs, Sand Bag Hooks & Valve Springs for Balloons), 10253 Berea rd, Cleveland, O.
Dural Rubber Corp. (Rubber Parts), Flemington, N. J.
Empire Art Metal Co. (Tubing), College Point, N. Y.
Erie Specialty Co. (Metal Parts), Erie, Pa.
Fahrig Metal Co. (Bearing Metal), 34 Commerce, New York
Ferdinand L. W. & Co. (Liquid Glue), 154 Kneeland, Boston, Mass.
See adv index at end of book
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Foxboro Co., Inc. (Indicating & Recording Gauges & Thermometers, Airspeed, etc.), Foxboro, Mass.
See adv index at end of book
Graton & Knight Mfg. Co. (Leather Packing, Washers & Strapping), Dept. H, Worcester, Mass.
Hardy F. A. & Co. (Aviators' Goggles), 10 So. Wabash av, Chicago, Ill.
Haustetter A. (Dashboard Altimeters, Recording Barographs, Pocket & Watch Aneroid Barometers), 308 Madison av, New York
Kawner Mfg. Co., Grand Rapids and Niles, Mich.
King, Julius, Optical Co., 10 Maiden la, New York
Konigslow, Otto Mfg. Co. (Stampings), 3506H Perkins av., Cleveland, O.
Legfang, Frank G. (Airships, Balloons & Aero Equipmt), 1465 B'way, New York
Levett Walker M. Co. ("Magnalite" Pistons), 417 E. 23rd, New York
Leygrand & Co. (Aluminum Sheets, Screw Stock, Rod & Wire), 120 B'way, New York
Lippincott A. H. & F. H., 24th & Locust, Phila., Pa.
McBratney Robert & Co. (Airplane Linen), 121 Franklin, New York
Meisel Press Mfg. Co. (Aeroplane Gears), 942 Dorchester av, Boston, Mass.
Midvale Steel & Ordnance Co. (Forgings), Widener bldg, Phila., Pa.
Morgan Mfg. Co., Inc., Keene, N. H.
Mosler A. R. & Co. (Plugs), Mt. Vernon, N. Y.
Motor Compressor Co. (Compressed Air Starters), Newark, N. J.
See adv index at end of book
National Aeroplane Co., 555 Washington blvd., Chicago, Ill.
National Gauge & Equipment Co. (Instruments), La Crosse, Wis.
See adv index at end of book
New Century Adding Machine Co., E. St. Louis, Ill.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
New Jersey Veneer Co. (Veneered Panels), Paterson, N. J.
O'Hare-Waltham Dial Co., Waltham, Mass.
Ordnance Engng. Corp. (Parts & Appliances), 120 B'way, New York
Pacific Aero Products Co., Seattle, Wash.
Palmer-Simpson Corp. (Hulls & Pontoons), Saranac Lake, N. Y.
Park Drop Forge Co. (Counterbalanced Crank Shafts), 760 E. 79th, Cleveland, O.
Penn Flexible Metallic Tubing Co. (Metal Hose), 201 No. Broad, Phila., Pa.
Penn H'dwe & Paint Co. (Clevises & Shackles, Milled Bolts 3½% Nickel, Buckles, & H'dwe), Woolworth bldg, New York
Powell Wm. Co. (Emergency Tank Coolers), 2525 Spring Grove av., Cincinnati, O. *See adv index at end of book*
Radium Dial Co. (Luminous Compounds), Forbes & Meyranaves, Pittsburgh, Pa.
Roebling John A. Sons Co. (Wire, Strand, Cord, Thimbles, Ferrules, etc.), Trenton, N. J. *See adv index at end of book*
Russell Mfg. Co. (Rubber Aero Cord for Shock Absorbers), 349 B'way, New York
Ryder Brass Fdy Co. (Aluminum Castings), Bucyrus, O.
Saxon Mfg. Co. (Screw Machine Parts & Metal Stampings), 1034 Grand av, Toledo, O.
Sheip & Vandegrift, Inc. (Lumber), 81 Lawrence, Phila., Pa.
Sperry Gyroscope Co. (Instruments & Supps.), 40 Flatbush av Extension, Brooklyn, N. Y.
Sprague Electric Wks. (Dynamometer Testing Sets), 527 W. 34th, New York
Standard Parts Co. (Bearings, Forgings, Rod Assembles, Springs, Steel Tubing, Rebuilding Parts, Rims), Cleveland, O.
Standard Turnbuckle Co., Corry, Pa.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

AEROPLANE PARTS & SUPPLIES—Cont.
Stimpson Edwin B. Co. (Sheet Metal, Brass & Copper Bars, Tubes, Rods, Brass Wire), 68 Franklin av, Brooklyn, N. Y.
Strauss & Buegeleisen (Aviators' Goggles), 438.
Taylor Instrument Co., Rochester, N. Y.
Tioga Steel & Iron Co. (Cylinder Forgings, Propeller Hubs, Flanges, Shafts, etc.), 52d & Grays av, Phila., Pa.
Ulmer Leather Co. (Waterproof Cement & Dope), Norwich, Conn.
Welch Mfg. Co., Grand Rapids, Mich.
Western Elec. Co., 463 West, New York
WILLIAMS, J. H. & CO. (Crankshafts, Connecting Rods, Turnbuckles, etc., Forgings, Wrenches, Wrench Sets), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wittemann Lewis Aircraft Co., Inc., Teterboro, adjacent W. Hasbrouch Hts. Sta., N. J.
Wood J. W. Elastic Webb Co. (Cord), 181 W. Lake, Chicago, Ill.
Wyman-Gordon Co. (Crankshafts), Worcester, Mass.
See adv index at end of book

83— Aeroplane Rims (Steel)

Standard Parts Co., Cleveland, O.

83a—Aeroplanes, Seaplanes, Etc.

Aeromarine Plane & Motor Co., Times bldg., New York
American Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Benoist Aeroplane Co., Sandusky, O.
Boeing Airplane Co., Seattle, Wash.
Burgess Co., Marblehead, Mass.
Connecticut Aircraft Co., New Haven, Conn.
Continental Aircraft Corp., 120 Liberty, New York
Curtiss Aeroplane & Motor Corp. (Airplanes & Seaplanes), Buffalo, N. Y.
Dayton Wright Airplane Co. The, Dayton, O.
Fowler Airplane Corp., 123 12th, San Francisco, Cal.
Glenn-Martin Co., Cleveland, Ohio
Goodyear Tire & Rubber Co., Akron, O.
Heinrich A. S. Corp., Freeport, Long Island, N. Y.
Huff, Daland & Co., Inc., Dept. H, Ogdensburg, N. J.
Ideal Aeroplane & Supply Co. (Also Models), 83B W. B'way, New York
International Aerial Navigation Co., 1270 B'way, New York
Janney Aircraft Co., Monroe, Mich.
L.-W.-F. Engineering Co., College Point, L. I., N. Y.
Laird, E. M., Dept. H, Wichita, Kan.
Lanzius Aircraft Co., Woolworth bldg, New York
Lawson Aircraft Co., Green Bay, Wis.
Martin-Glenn L. Co., 16800 St. Clair, Cleveland, O.
Metal Pts. Mfg. Co. (Metal Pts.), 1084 E. 152d, Cleveland, O.
Mullins W. H. Co. (Sheet Metal Pts.), 341 Franklin, Salem, Mass.
Murray & Tregurtha Co., 340 W. 1st, S. Boston, Mass.
National Aeroplane Co., 555 Wash. bl., Chicago, Ill.
Ordnance Engng. Corp. (Designers & Builders), 120 B'way, New York
Ortman Motor Co., Washington Court House, Ohio
Pierce Samuel S. Aeroplane Corp., Southampton, Long Island, N. Y.
Richardson Aeroplane Corp., Canal Bank bldg, New Orleans, La.
Rogers Construction Co., Gloucester City, N. J.
Schmitt Maximilliam, Paterson, N. J.
Simplex Aircraft Co., New Haven, Conn.
Standard Aero Corp., Woolworth bldg., New York
Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
Thomas-Morse Aircraft Co., Ithaca, N. Y.
United Eastern Aeroplane Corp., 1253 De Kalb av., Brooklyn, N. Y.
Walden-Hinners Co. (Airplanes, Seaplanes, etc.), Edgewater, N. J.
Whittemore-Hamm Co., 130 Brookside av, Boston, Mass.
Willy's Corp., 11H Pine, New York.
Witteman-Lewis Aircraft Co., Teterboro, adjacent to Hasbrouch Hts. Sta., N. J.
Wright Aeronautical Corp., Dept. H, Paterson, N. J.
Wright-Martin Aircraft Corp., New Brunswick, N. J.

84— Aftercoolers

Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

85— Agalite

International Pulp Co., 41 Park Row, New York
Union Talc. Co., 132 Nassau, New York
WILLIAMS C. K. & Co., Easton, Pa.
See adv index at end of book

86— Agar Agar

American Trading Co. (Imp), 25 Broad, New York
Ayres, Bridges & Co. (Imp), 200 Summer, Boston, Mass.
McKesson & Robbins (Imp), 91 Fulton, New York

86a— *Agents (Shipping)

Mexican Commercial & Agricultural Co., Delta bldg, Los Angeles, Cal.
Morningstar Chas. & Co., Inc. (Imp.), 349 B'way, New York
Page & Jones, Mobile, Ala.
See adv index at end of book

86b— Agitators (Chemical)

Atlantic Tank & Barrel Corp., Hoboken, N. J.
Caldwell W. E. Co., Louisville, Ky.
Chapman Engineering Co. (Floating), Dept. H, Mt. Vernon, Ohio.
Dorr Co., Denver, Col.
Elyria Enamelled Products Co., Elyria, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Hamler Boiler & Tank Co., Dept. H, W. 66th & S. 60th av., Chicago, Ill.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
TOWNSEND FDRY. & MACHINE SHOP CO., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Pfandler Co., Cutler bldg., Rochester, N. Y.
Pratt Engineering & Machine Co., Atlanta, Ga.
Turl Engineering Works, Inc., 39 Cortlandt, New York

87— Agitators (Clay)

Crossley Machine Co., State & Chestnut av., Trenton, N. J.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

87a— Agitators (Drug)

Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*

NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book

87b— Agitators (Liquid)

Biggs Boiler Works Co., Case av. & Williams, Akron, O.
See adv index at end of book
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

88— Agitators (Mining)

Biggs Boiler Works Co., Case av. & Williams, Akron, O.
See adv index at end of book
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Colorado Iron Works Co. ("Akins-Rothwell"), Denver, Colo.
Dorr Co., Denver, Colo.
Hammond Iron Works (Air, Cyanide, etc), Warren, Pa. *See adv index at end of book*
Heggie James G. & Sons, Joliet, Ill.
Hendryx Cyanide Machy Co. ("Hendryx" Combination Agitator & Filter, for Ore), 136 Liberty, New York
Johnson & Thompson, Birmingham, Ala.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Phoenix Iron Works Co., Meadville, Pa.
Smith Samuel & Son Co., Paterson, N. J.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

89— Agitators (Miscellaneous)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Biggs Boiler Works Co., Case av. & Williams, Akron, O.
See adv index at end of book
Calvert Machine Co. (Lard Compound), 1606 Thames, Baltimore, Md.
Chapman Engineering Co. (Floating), Dept. H, Mt. Vernon, O.
Day J. H. Co. (Liquid), Cincinnati, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Heltzel Steel Form & Iron Co., The, Warren, O.
Johnson John Co., 37th & 2nd av., Brooklyn, N. Y.
Johnson & Thompson, Birmingham, Ala.
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
Phoenix Iron Wks., Meadville, Pa.
Pollock Wm. B. Co. (Brewers), Youngstown, O.
Richards Iron Works (Cheese), Manitowoc, Wis.
Schutte & Koerting Co. (Steam Jet), 1251 N 12th, Phila., Pa.
See adv index at end of book
Sowers Mfg. Co. (Soap Makers), 1330 Niagara, Buffalo, N. Y.
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Triumph Ice Machine Co. (Horizontal & Vertical Brine), H Oakley, Cincinnati, Ohio.

90— Agitators (Oil, Etc.)

Biggs Boiler Works Co., Case av. & Williams, Akron, O.
See adv index at end of book
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frelinger J. G. Iron Works (Barrel, for Paint, Varnish & Oil), 115 W 2nd, Cincinnati, O.

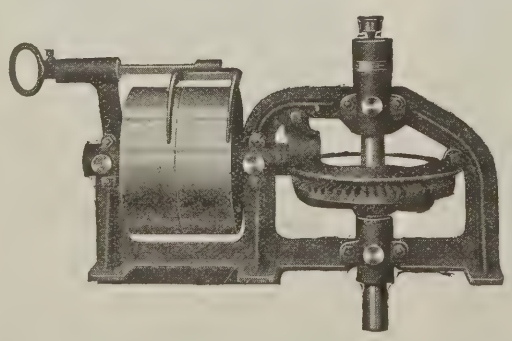
NEW ENGLAND TANK & TOWER CO.

EVERETT, MASS.

30 CHURCH ST. NEW YORK, N. Y.

Manufacturers of

Wood tanks, mixers, belt driven and direct connected agitator drives



Size	Gear		Pinion		TEL Pulleys	Gear Shaft	Pinion Shaft	Length Over All
	P.Diam.	Face	P.Diam.	Face				
O	8.8″	1 ¼″	2.4″	1 ¼″	8x3″	1 3-16″	1 5-16″	22 5-16″
1	13.37″	2″	3.34″	2″	12x4″	1 15-16″	1 7-16″	33 1-16″
1 ½	17.19″	2 ½″	4.46″	2 ½″	12x4″	1 15-16″	1 7-16″	38 ¾″
2	23.87″	3″	5.97″	3″	18x5″	2 7-16″	1 15-16″	48 ¾″
V	10″	2″	5″	2″	12x4″	2 3-16″	1 7-16″	34 ¼″

Graver Corp., East Chicago, Ind.
See adv index at end of book
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Johnson John Co., 37th & 2nd av., Brooklyn, N. Y.
Johnson & Thompson, Birmingham, Ala.
New York Central Iron Works Co., Inc. (Steel Refining), Dept. H, Hagerstown, Md.
Ohio Machine & Boiler Co., 1510 H University rd., Cleveland, O.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Struthers-Wells Co., Warren, Pa.
Teachout H. E. Boiler works, E 37th & Erie R R, Cleveland, O.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
United Iron Works, Kansas City, Mo.
Warren City Tank & Boiler Co., Warren, Ohio

91— Agitators (Paper Mill)

Biggs Boiler Works Co., Case av. & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Columbiana Boiler Co., Columbiana, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
Rice, Barton & Fales Machine & Iron Co. Worcester, Mass.
Shartle Bros. Machine Co., Middletown, O.
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

92—Agricultural Implement Mfrs.

See also Farm Implements
For sub-classifications of this trade, consult Index of Contents for specific article desired.

ALABAMA.

BIRMINGHAM—Continental Gin Co. (Cotton Seed Linters)
TUSCUMBIA—Rowland T. T. & Son (Cultivators)

ARKANSAS.

HOPE—Eclipse Mfg. Co.

CALIFORNIA.

FRESNO — Fresno Agricultural Works (Plows, Road Scrapers, etc)
LOS ANGELES—Killefer Mfg. Co. (Cultivators), 2209 Santa Fe
SAN FRANCISCO—Holt Mfg. Co., Balboa bldg.
SAN JOSE—Cal. Plow Co., 140H Polhemus
STOCKTON—Holt Mfg. Co. (Harvesters, Binders, Traction Engines)
Shaw H. C. Co. (Harrows, Gang Plows)

COLORADO.

DENVER—Plattner Mfg. Co.
GREELEY—Brown Peter (Potato Diggers)

CONNECTICUT.

COLLINSVILLE—Collins Co. (Plows, etc)
HIGGANUM — Cutaway Harrow Co. ("Clark's" Harrows, Plows, Root Cutters, etc)
Scovil D. & H. (Planters' Hoes)
NEW LONDON—Brown Cotton Gin Co. (Cotton Seed Linters)
PLEASANT VALLEY—Rogers Rake Co. (Hand Hay Rakes)
SOUTHPORT—Jelliff C. O. Mfg. Corp. (Harrows), Box 68
See adv index at end of book
WATERTOWN—Hitchcock Hardware Co.
WATERBURY—Templeton, Chas. A. Inc., Dept. H

FLORIDA.

OLDSMAR—Oldsmar Tractor Co.

GEORGIA.

ATHENS—Umbach F. G. (Harrows, etc)
ATLANTA—Atlanta Plow Co.
AUGUSTA — Wirtz & Hernlen (Hay Presses, Harrows, etc)
COLUMBUS—Southern Plow Co. (Plows, Cultivators, Harrows, Cotton Planters, etc)
Huston Tom Mfg. Co., Dept. H
Southern Implement Mfg. Co., Dept. H.
Southern Plow Co. (Plows)
MACON—Gantt Mfg. Co. (Cotton Planters, Guano Distributors & Grain Drills, etc)
Williams Mfg. Co. (Hay Presses)
MORELAND—Camp E. N. & Sons Co.
NEWNAN—Cole R. D. Mfg. Co. (Corn Mills)
ROME—Towers & Sullivan Mfg. Co. (Plows, Harrows, Cultivators)
SAVANNAH—Weed J. D. & Co. (Wholesale).
WINDER—Woodruff Machinery Mfg. Co. (Pea Thresher, etc)

ILLINOIS.

ALBION—Miller A. J. Four Point Hay Fork Co.
Painter & Frankland (Plows)
ALTON—Hapgood Plow Co. (Corn Planting Drills, Plows, Listers, etc)
ARLINGTON HEIGHTS—Kolling Husker Wks (Corn Huskers & Shredders)
AURORA—Western Wheeled Scraper Co. (Plows, Road Machinery, etc)
AVA—Spinner Ed. F. (Plows, etc)
BATAVIA—Appleton Mfg. Co. (Feed Mills, Stalk Cutters, Corn Shellers, Feed Cutters, etc)
Challenge Co. (Feed Mills, Corn Shellers, etc)
Sperry D. R. & Co. (Farm Boilers, Feed Cookers, etc.)
U. S. Wind Engine & Pump Co. (Corn Shellers)
BELLEVILLE—Belleville Shock Mover Co.
Gundlach P. M. Sons
Harrison Machine Works (Threshers & Straw Stackers)
BLOOMINGTON—Constant B. S. Mfg. Co. (Grain Machinery)
BUSHNELL—Norcross C. S. & Sons (Garden Cultivators Adjustable Hand)
CANTON—Parlin & Orendorff Co. (Plows, Harrows,, Cultivators, Planters, Listers, Potato Diggers, Stalk Cutters, etc)
CHICAGO—Aermoter Co. (Feed Mills), 2500 W 12th
Blancke A. C. & Co., 602 W. Lake
Bristol & Gale Co. (Harrows, Corn Shellers, etc), 158 Carroll av
International Harvester Co., Harvester bldg.
Kaestner & Hecht Co. (Mills Feed Grinding), 500 Throop
Masters Planter Co. ("Master" Hand Transplanters & Plant Setters, Cabbage, Tomatoes, Sweet Potatoes & Strawberries), 229H N. State, Chicago, Ill.
Pratt Wm. E. Mfg. Co. (Dehorners, Seed Sowers,, etc), 35 W Lake
Whitaker Mfg. Co. (Cultivators, Hay Carriers, etc), 409 S. Green
DECATUR—Baird Harvester Co.
Hartley C. J. Co. (Grain Weighers, etc) (See Peoria)
Stevens Mfg. & Foundry Co. (Potato Diggers & Planters, etc)
Union Iron Works (Power Corn Shellers)
DIXON—Grand Detour Plow Co. (Plows, Harrows,, Cultivators, Listers, Disc Plows & Engine Gang Plows)
DWIGHT—Spencer J. A. (Hay Presses)
EAST MOLINE—Deere John Harvester Works
Marseilles Works of Deere & Co. (Feed Mills, Grain Elevators, Manure Spreaders, Corn Shellers, etc)
EDWARDSVILLE—Springer Bros. Mfg. Co (Potato Planters)
ELGIN—Elgin Wind Power & Pump Co. (Feed Mills)
FREEPORT—Schofield & Co. (Potato Planters & Diggers)
Stover Mfg. & Engine Co. (Feed Mills)
GALESBURG—Galesburg Coulter Disc Co.
GALVA—Hayes Pump & Planter Co. (Harrows, Cultivators, Planters, Listers)
Galva Heater Co. (Corn Planters)
Wistrand Mfg. Co. ("Blue Star" Corn Planters)
GRAFTON—Rippley Mfg. & Steel Boat Co. (Feed Mills & Cookers)
HARVARD—Hunt, Helm, Ferris & Co. (Hay Carriers, etc)
HAVANA—Crescent Forge & Shovel Co. (Garden Plows)
HOMEWOOD—Steiner August (Corn Pickers & Huskers)
JOLIET—Humphrey & Sons (Bone & Clover Cutters, Hand Seed Sowers)
Joliet Mfg. Co. (Corn Shellers)
KEWANEE—Boss Mfg. Co. (Hand Corn Huskers)
Peters Pump Co. (Planters & Pumps)
LE ROY—National Harrow Co.
LINCOLN—Sheer E. (Land Rollers, Stalk Rakes, etc)
MAROA—Maroa Mfg. Co. (Cultivators & Car Loaders)
MARSEILLES—Marseilles Harrow Mfg. Co. (Harrows)
MENDOTA—Mendota Mfg. & Transfer Co. (Rakes)
Tower J. D. & Sons Co. (Cultivators, Pulverizers, Clod Crushers, etc)
Wills Mfg. Co. (Tank Heaters, etc)
MINIER—Schroeder H. V. Mfg. Co. (Grain Dumps, etc)
MOLINE—Deere John Plow Works (Walking, Riding, Tractor & Disc Plows; Walking, Riding, Two Row, Lister & Disc Cultivators)
Deere & Co. (Plows, Harrows, Cultivators, Listers, Grain Binders, Corn Binders, Mowers & Rakes) (General Office)
Deere Works (Corn Planters, Cotton Planters, Disc Harrows, Cultivators)
Moline Plow Co. (Drills, Plows, Harrows, Cultivators, Planters, Listers)
Sechler D. M. Implement & Carriage Co. (Harrows, Corn Planters, etc)
MONMOUTH—Milne Mfg. Co. (Stump Pullers)
Monmouth Plow Factory (Plows)
Pattee Plow Co. (Cultivators, Plows, etc)
MORTON—Kramer Rotary Harrow Co.
Meyer A. F. Mfg. Co. (Grain Dumps)
Meyer Corp. (Hog Feed Grinders, & Hog Greasers, etc)
MT. OLIVE—Niemann & Hieronymus (Rotary Hoes)
OTTAWA—Jordan R. C. (Hay Carriers)
King & Hamilton Co. (Cultivators, Corn Shellers)
Porter J. E. Co. (Hay Carriers)
PEKIN—Duisdieker Foundry & Mfg. Co. (Clod Crushers & Pulverizers)
PEORIA—Acme Harvesting Machine Co. (Harvesters, Binders, etc)
Avery Co. (Threshers, Gas & Oil Tractors, Engine Gang Plows, Motor Trucks, Motor Planters & Cultivators).
Hart Grain Weigher Co. (Grain Weighers)
Hartley C. J. Co. (Grain Weighers, etc)
Herschel R. Mfg. Co. (Sickles, etc)
Holt Mfg. Co.
Peoria Drill & Seeder Co. (Grain Drills, Seeders, etc)
Sester Mfg. Co. (Seeders)
PERU—Peru Plow & Wheel Co. (Plows,, Harrows, Cultivators, Planters, Listers)
PLANO—Independent Harvester Co. (Binders, Mowers, Plows, Harrows, etc)
PONTIAC—Meadows Mfg. Co.
Spartan Mfg. Co. (Feed Grinders)
QUINCY—Collins Plow Co. (Plows, Harrows, Cultivators, Hay Presses, etc)
ELECTRIC WHEEL CO. (Metal Wheels) Station D
See adv index at end of book
Empire Mfg. Co. (Feed Cookers, Metal Wheels, etc)
Ertel Geo. Co. (Hay Presses, etc)
ROCK FALLS—Ulrich Mfg. Co. (Cultivators, etc)
ROCKFORD—Emerson-Brantingham Co. Mowers, Plows, Cultivators, Rakes, Planters, Listers, Threshers, Drills, Traction Engines, Gas Tractors, Grain & Corn Binders, Hay Tools, etc.)
Rockford Mfg. Co. (Plows, Harrows, Cultivators)
ROCK ISLAND—Rock Island Plow Co. (Plows, Harrows, Cultivators, Hay Loaders, Hay Rakes, Planters, Listers, Drills, Seeders & Sowers)
ROCKTON—Weber Mfg. Co. (Fanning Mills)
SANDWICH—Sandwich Mfg. Co. (Feed Mills, Hay Loaders, Corn Shellers, Hay Presses)
SHELBYVILLE—Sturgis W. B. & Sons (Plows)
SPARTA—Sparta Plow Works (Plows, Harrows, Cultivators)
Sproul Matt. Co.
SPRINGFIELD—Fetzer & Co. (Corn & Grain Drills, Disc Rollers, Pulverizers, Packers, Harrows, Transplanters, etc)
Heineke & Co. (Straw Stackers & Self Feeders)
STERLING — Platt Addison J. (Potato Planters)
Sterling Mfg. Co. (Cultivators, etc.)
SYCAMORE — Illinois Thresher Co. (Threshing Machines)
WASHINGTON—Camp Bros. & Co. (Grain Dumps)
WHEATON—Davenport Planter Co.

INDIANA.

CAMBRIDGE CITY—National Drill Co. (Cultivators, Grain Drills, etc)
CROWN POINT—Letz Mfg. Co. (Corn Planters, Feed Grinders, etc)
EAST CHICAGO—Famous Mfg. Co. (Hay Presses, etc)
EVANSVILLE — Blount Plow Works (Plows, etc)
Davidson-Dietrich Plow Co. (Plows, etc)
Hartig W. F. Plow Co. (Plows, Cultivators)
Heilman Machine Works (Threshers & Engines)
Smith, John C. Hoe & Tool Co. (Hoes)
Vulcan Plow Co. (Plows, etc)
FORT WAYNE—Good Roads Machinery Co. (Plows & Road Making Machinery)
GOSHEN—Abbott S. B. (Hand Seeders)
Goshen Mfg. Co. (Hay Slings)
HAMMOND—Champion Potato Machinery Co. (Potato Planters, Diggers, etc; also Peanut Planters. etc)
INDIANAPOLIS—American Buncher Mfg. Co. (Bunchers for Clover, Timothy, Oats, Peas, etc), Oliver & Harding
Haywood Implement Co. (Garden Tools)
Indiana Mfg. Co. (Straw Stackers), Merchants Bk. bldg
Nordyke & Marmon Co. (Feed, Corn & Cob Mills, Corn Shellers, etc), Kentucky av
Russell Wind Stacker Co. (Straw Stackers), 1001 Shelby
Sattley Stacker Co., 408 Telephone

INDIANA—continued
KENDALLVILLE—Flint & Walling Mfg. Co. (Wind Mills, etc)
LAPORTE — Advance Rumely Co. (Threshers, Stackers, Traction Engines, Clover Hullers & Grain Weighers)
LIBERTY—Rude Mfg. Co. (Cultivators, Grain & Corn Drills, Rakes, etc)
LIBERTY MILLS — Rittenhouse J. F. (Grain Seeders)
MISHAWAKA—Perkins Wind Mill Co. (Feed Mills, Cutters, Corn Shellers)
MOUNT VERNON—Keck-Gonnermann Co. (Threshers, etc)
RICHMOND—American Seeding Machine Co.
Eureka Fence Mfg. Co. (Hand Corn Planters)
Swayne, Robinson & Co. (Threshers)
Wayne Works (Inc.) (Grain Drills, Planters, Seeders & Sowers)
SOUTH BEND—Birdsell Mfg. Co. (Straw Stackers, Clover Hullers, etc)
Bowsher N. P. Co. (Feed Mills, Grain Crushers)
Oliver Chilled Plow Works (Plows, Harrows, Cultivators, Listers & Planters)
South Bend Chilled Plow Co. (Plows, Harrows, Cultivators)
URBANA—Cyclone Seeder Co. (Seed Sowers)
VERNON—Reed & Rogers Mfg. Co. (Harrows & Pulverizers, etc)
VINCENNES—Hartman Mfg. Co. (Cultivators, etc)
WASHINGTON—Clore Wm. H. Mfg. Co. (Cultivators & Plows)

IOWA.

CARROLL—Gross Co. (Plow Eveners)
CENTERVILLE—Hercules Mfg. Co. (Feed Mills & Stump Pullers)
COUNCIL BLUFFS—Orndorff O. F. (Corn Planters, Hay Stackers, etc.)
Walker Mfg. Co. (Hay Rakes, Stackers, etc)
CRESCO—Caward R. S. (Plows & Grubbing Machinery)
DAVENPORT—Voss Bros. Mfg. Co. (Corn Cutters)
DES MOINES—National Mfg. Co. (Seed Testers)
Wood Bros. Thresher Co. (Threshers, Traction Engines, etc)
FAIRFIELD—Louden Machinery Co. (Hay Forks & Carriers, etc)
MARSHALLTOWN—Light Draft-Harrow Co.
MONTROSE—American Fork & Hoe Co.
NASHUA — Bloom Mfg. Co. (Manure Spreaders, Harrows, etc)
NEWTON—Maytag Co. (Hog Troughs, Hay Presses, Self-Feeders, etc)
OTTUMWA—Armstrong Mfg. Co. (Corn Rakes)
Dain Mfg. Co. (Feed Mills, Hay Loaders, Haying Tools, Rakes, Hay Presses)
PELLA—Garden City Feeder Co. (Straw Stackers, Band Cutters & Self-Feeders)
PRAIRIE CITY—Dowden Mfg. Co. (Ltd) (Harrows, Potato Diggers, etc.)
WATERLOO — Bovee Furnace Works (Grinding Mills)
Galloway Wm. Co. (Harrows, Cream Separators, Manure Spreaders, etc)
Inter-State Engine & Tractor Co. (Farm Implement)
Litchfield Mfg. Co. (Manure Spreaders, Feed Grinders, etc)
Swift Mfg. Co. (Feed Mills & Cookers)
WAUKON—Johnson John S. & Son (Lever Harrows)
WEBSTER CITY—Closz Chas. Co. (Threshing Screens, etc)

KANSAS.

ATCHISON—Bailor Plow Mfg. Co. (Cultivators, etc)
KANSAS CITY—Clippinger A. B. & Son Mfg. Co. (Hay Stackers)
Strait H. N. Mfg. Co. (Hay Presses, etc)
LEAVENWORTH—Great Western Mfg. Co. (Grain & Rice Cleaners)
MANHATTAN — Blue Valley Mfg. Co. (Corn Harvester and Feed Grinding Mills)
NEWTON — Prairie Queen Mfg. Co. (Threshers)
SALINA—Kouns Wesley (Hay & Grain Rakes, Loaders & Stackers combined, Push Rakes)
Wyatt F. Mfg. Co. (Hay Stackers)
Ziegler W. F. (Corn Harvesters, etc)
TOPEKA—Currie Windmill Co. (Feed Mills)
Topeka Foundry & Iron Works (Sub-Surface Soil Packers)
WICHITA—Reschke Machine Works Co. (Bean & Corn Cultivators, etc.)

KENTUCKY.

CARLISLE—King R. C. (Blue Grass Seed Strippers)
LOUISVILLE—Avery B. F. & Sons (Plows, Harrows, Cultivators, Rakes, Planters, etc)
Brinly Hardy Co. (Plows, Hand Corn Shellers, Cotton Scrapers & Sweeps, Harrows, etc)
Red Chief Mfg. Co. (Corn Shellers)
MAYSVILLE—Hall Jas. H. Plow Co. (Plows, Potato Diggers, etc)

MAINE.

NORTH BERWICK—Hussey Plow Co. (Cultivators, Plows, etc)

MARYLAND.

BALTIMORE—Rawlings Implement Co. (Harrows), 11 W. Pratt

MASSACHUSETTS.

BARRE—Allen Charles G. Co. (Rakes, Plows, etc)
BOSTON—Ames Plow Co. (Plows, Harrows, Cultivators, Planters, Garden Implements, Feed Cutters), Quincey Hall
CHICOPEE FALLS—Belcher & Taylor Agricultural Tool Co. (Plows, Harrows, Fanning Mills, Cultivators, Planters, Tedders, Feed Cutters, Potato Diggers, etc)
MILFORD—Mann F. W. Co. (Corn Shellers, Clover Cutters, etc)
WORCESTER — Richardson Mfg. Co. (Mowers, Rakes, Tedders)

MICHIGAN.

ALBION—Gale Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters, Listers, Seeders & Sowers)
ANN ARBOR—Ann Arbor Machine Co. (Feed Cutters, Hay Presses, etc)
BAD AXE—Huron Implement Co. (Harrows & Cultivators)
BATTLE CREEK—Nichols & Shepard Co. (Threshers, Stackers, Grain Weighers, Feeders, Gas & Steam Tractors)
BLAINE—Fair Geo. & Son (Plows)
BURR OAK—Sheffield Mfg. Co. (Corn & Potato Planters)
DOWAGIAC—Dowagiac Drill Co. (Grain Drills, Seeders & Sowers)
GREENVILLE—Greenville Implement Co. (Cultivators, Plows, Feed Cutters)
Moore Plow & Implement Co. (Plows, Cult)
HOLLY—Patterson Mfg. Co. (Bean Harvesters, Cultivators, etc.)
HOMER—Seeder Mfg. Co. (Seeders & Sowers)
IONIA—Arnold's G. W. Son (Cultivators, etc)
JACKSON—Aspinwall Mfg. Co. (Potato Planters & Diggers, etc.)
Watts Mfg. Co. (Corn Shellers)
KALAMAZOO—Clark Engine & Boiler Co. (Feed Cookers, etc.)
Kalamazoo Tank & Silo Co.
Reed Fdry. & Mach. Co. (Cultivators, etc)
LAPEER—Bostick Stove Co. (Plows)
McDonald Wm. Sons (Cultivators, etc)
MONROE—Wilder-Strong Implement Co. (Harvesters, Plows, Feed Cutters)
MOUNT CLEMENS — Donaldson Bros. (Plows, Harrows, Cultivators, Planters, Feed Cutters)
NORTHVILLE—American Bell & Foundry Co. (Corn Shellers, Fruit & Potato Sorters, etc)
PONTIAC—Bacon Mfg. Co. (Seeder & Garden Cultivators)
PORT HURON—Port Huron Engine & Thresher Co. (Threshers, Stackers, Feeders, Corn Shellers, Weighers, etc)
PORTLAND—Portland Foundry Co.
RICHMOND—Parker Plow Co.
ST. JOHNS—Mason F. C. & Co. (Weeders)
SAGINAW—Ferrell A. T. & Co. (Bean Cleaners & Sorters)
STURGIS—Freeland B. F. Sons Co.
TECUMSEH—Heesen Bros. Co. (Feed Cookers)
TRAVERSE CITY—Potato Implement Co. (Acme Corn & Potato Planters)
YPSILANTI—Thompson O. E. & Sons (Root Cutters & Grass Seeders), Ypsilanti Hay Press Co.

MINNESOTA.

ALBERT LEA—Edwards C. D. (Stump Pullers)
Olson Mfg. Co. (Hay Tools)
CROOKSTON—Crookston Mfg. Co. (Land Roller & Soil Pulverizer)
LONG PRAIRIE—Hausmann Mfg. Co. (Binder Attachments)
MANKATO—Little Giant Co. (Ditchers, Graders & Tractors)
MINNEAPOLIS—Cleland Mfg. Co. (Fanning Mills), 280 Washington av N
Disc Grader & Plow Co. (Plows, etc), 400 N E Pierce
Howell R. R. & Co. (Feed Mills), 31st av
Keller Mfg. Co. (Cultivators, etc), 1325 N E Quincy
Kinnard & Sons Mfg. Co., 44th av N. & Bryant
Minneapolis Threshing Machine Co. (Threshers, Stackers, Corn Shellers, Baggers, etc.), Hopkins
Owens J. L. Co. (Fanning Mills, Grain Cleaning Machinery), Fulton & S. E. Huron
Twin City Separator Co. (S. Fanning Mills), 29th & Colfax av S
MORRIS—Vaughn Mfg. Co. (Fanning Mills)
NORTH BRANCH—Splittstoser Co. (Potato Sprayers)
OWATONNA—Owatonna Mfg. Co. (Grain Drills, Seeders & Sowers, Churns, etc)
ST. LOUIS PARK—Martin M. R. (Feeding Mills)
Monitor Drill Co. (Grain Drills, Cultivators, etc)
ST. PAUL—Anderson Company (Harrows, Rakes, Stackers, etc.), 2324 University av
Eckhardt Mfg. Co., 2300 University av
Fosston-Carpenter Co. (Fanning Mills, Grain Cleaners & Separators)
Hackney Mfg. Co. (Auto Plows)
WINONA—Diamond Huller Co. (Cottonseed Machinery, etc)
New Winona Mfg. Co. (Feed Mills, Corn Shellers, Hay Presses, etc)

MISSISSIPPI.

HATTIESBURG—Komp Machinery Co.
MERIDIAN—Hyde, Chas. J. (Dir. Hay Presses), Dept. H

MISSOURI.

CAIRO—Boney A. T. (Hay Stackers)
CHILLICOTHE—Jenkins Hay Rake & Stacker Co. (Feed Mills, Haying Tools, etc)
HUNTSVILLE—Fleming & Sons Mfg. Co. (Haying Tools, Rakes, Stackers, etc)
JONESBURG—Godfrey H. M. (Walking Plows)
KANSAS CITY—Admiral Hay Press Co. (Hay Presses)
Kansas City Hay Press Co. (Hay Presses, Haying Tools, etc)
Smith & Sons Mfg. Co. (Plows, Rakes, Hay Presses)
LINNEUS—Superior Hay Stacker Mfg. Co. (Hay Stackers)
LOUISIANA—Buffum Tool Co. (Hand Cultivators, Weeders, etc.)
MOBERLY—Missouri Hay Press Co.
NORTH KANSAS CITY—McCargar L. B. Mfg. Co.
OLNEY—Stroker Fritz C. & Son (Plows)
SEDALIA—Barley Thos. K. (Harrows, Haying Tools, etc)
UNIONVILLE—Stalcup E. L. (Hay Stackers)
WASHINGTON—Buhr Mfg. Co. (Plows)

NEBRASKA.

BEATRICE—Beatrice Iron Works (Cultivators, Grain Drills, Land Rollers, etc)
Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc)
DAVID CITY—Barker Mfg. Co. (Garden Weeders)
NEBRASKA CITY—King Drill Mfg. Co. (Grain Drills)
Plattner Yale Mfg. Co. (Hay Stackers, Rakes & Harrows, Lincoln, Neb.
SEWARD—Noxall Mfg. Co. (Grain Separators)

NEW HAMPSHIRE.

ANTRIM—Goodell Co. (Hand Seed Sowers, Weed Diggers)
HINSDALE—Granite State Mowing Machine Co. (Mowers)

NEW JERSEY.

GRENLOCH—Bateman Mfg. Co. (Plows, Harrows, Cultivators, Seeders, Planters, Sprayers, etc)
HIGHTSTOWN—Peppler Thos. Son & Co. (Plows, Corn Shellers, etc)
MILLINGTON—Nash Duane H. (Pulverizers, Harrows, Clod Crushers, Planters, etc)
MOORESTOWN—Doughten H. W. (Potato Diggers, etc)
NEWTON—Farrell John & Son (Hay Forks & Carriers)
RIVERTON—McWhorter Mfg. Co. (Seed Drills, Bean, Peanut & Potato Planters)

NEW YORK.

AUBURN—Quick & Thomas Co. (Threshers, etc)
AVON—Champion Drill Co. (Cultivators, Grain Drills, etc)
BATAVIA—Batavia Machine Co. (Bean Separators)
Massey Harris Harvester Co. (Binders, Cultivators, Harrows, Mowers, Reapers, Rakes, Tedders, Seeders & Sowers)
Wiard Plow Co. (Plows, Harrows, Rakes, Planters, etc)
BINGHAMTON—Davis A. L. & Son.
BRASHER FALLS—Kennehan P. E. (Plows, etc)
BUFFALO—Buffalo Pitts Co. (Threshing Machinery, Plowing & Portable Engines, etc)
Hession Filler & Tractor Corp. (Tractors & Tellers)
Peerless Husker Co. (Corn Huskers, etc), 523 Cornwall av
CALEDONIA—Caledonia Bean Harvester Works (Cultivators, Planters, etc)
CATO—Dutton E. Q. & Co. (Plows, Hog Troughs, etc)

CENTRAL BRIDGE—Campbell S. K. Co. (Threshers)
COBLESKILL—Harder Mfg. Co. (Threshers, Fanning Mills, Manure Spreaders, etc)
COPAKE FALLS—Columbia Plow Works (Plows, etc)
EAST AURORA — Peek's S. H. Sons (Plows, Potato Planters & Diggers, etc)
EAST GALWAY—Fonda F. A. (Plows, etc)
EAST ROCHESTER—Ontario Drill Co. (Grain Drills)
GOWANDA—Gowanda Agricultural Works (Plows, Cultivators, etc)
GREENE—Lyon Iron Works (Feed Cutters)
GREENWICH — Eddy W. Plow Co. (Threshers, Plows, etc)
HAMBURG—Reuther Mfg. Co. (Potato Diggers)
HAMMOND—Evans B. A. (Harrows & Plows)
HILLSDALE—Mallery W. A. Jr. (Plows, Harrows, etc)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. (Harvesters, Binders, Harrows, Cultivators, Rakers, Mowers, Reapers, Tedders, Manure Spreaders, etc)
LEONARDSVILLE—Babcock Mfg. Co. (Harrows, Cultivators, etc)
LEROY—Leroy Plow Co. (Plows, etc)
LYONS—Nagley Mfg. Co. (Tobacco Transplanters, Presses, etc)
MERIDIAN—Everts Mfg. Co. (Plows)
MOUNT MORRIS—Genesee Valley Mfg. Co. (Harrows, Grain Drills, Corn Shellers, Fanning Mills)
MUNNSVILLE — Munnsville Plow Co. (Plows, Cultivators, etc)
NEW YORK CITY—Woodhouse J. S. Co. (Cultivators, Harrows, Plows, etc.), 191 Water
PHELPS—Crown Mfg. Co. (Grain Drills, etc)
PORTLAND—Anderson Frank W. (Cultivators, etc)
POUGHKEEPSIE—Moline Plow Co. ("Adrience Platt Brand" Harrows, Mowers, Reapers, Binders, Rakes, etc)
RIVERHEAD—Riverhead Agrl. Works, (Harrows)
ROCHESTER—Ricker Mfg. Co. (Hay, Feed & Litter Carriers)
ROME—Adams S. & Son (Plows, etc)
ST. JOHNSVILLE—Clark Machine Co. (Threshers)
SCHENECTADY — Westinghouse Co. (Threshers, Stackers, Weighers)
SHORTSVILLE—Papec Machine Co. (Feed Cutters)
Star Seeder Co. (Wheelbarrow, Grass Seeders)
SPENCERPORT—Ireland & Helfrich, (Potato Diggers)
SYRACUSE—Engelberg Huller Co. (Rice Graders, Threshers, Separators, Hullers, etc)
Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, Potato Hillers & Diggers, etc)
UNION CENTER—Edson W. L.
UTICA—Eureka Mower Co. (Cultivators, Mowers, Planters, etc.), 16 Hickory
Smith D. B. & Co.
WARSAW—Warsaw-Wilkinson Co. (Ensilage Feed & Fodder Cutters)
YOUNGSTOWN—Ripson Wm. & Son (Plows, Harrows, Cultivators)

NORTH CAROLINA.

CHARLOTTE—Cole Mfg. Co. (Planters & 3 Row Grain Drills)
GOLDSBORO—Wayne Agricultural Works Plows, etc)
GREENSBORO—Glascock Stove & Mfg. Co. (Feed Cutters)

OHIO.

AKRON—Akron Cultivator Co. (Cultivators, Harrows, Plows, Harvesters, Bean Corn, etc)
ALLIANCE—Hist Potato Machinery Co.
ASHLAND—MYERS F. E. & BRO, 900 Fourth *See adv index at end of book*
AVERY—Hoover Mfg. Co. (Potato Diggers, & Sorters)
BELLEFONTAINE—Ironwood Mfg. Co. (Seed Cleaners)
BELLEVUE—Jeschke Edw. (Harvesters, etc)
Ohio Cultivator Co. (Cultivators, Plows Harrows, Planters, Listers, etc)
BEREA—Dunham Co. (Pulverizers & Rollers, etc)
BOWLING GREEN—Thornburgh Mfg. Co. (Hay Loaders, Garden Cultivators, Plows, Drills, etc)
BUCYRUS—Shunk Plow Co. (Plows, Handy Steel Farm Wagons, etc)
CANTON—Bucher & Gibbs Plow Co. (Plows, Harrows, Cultivators & Land Rollers)
Dick Jos. Mfg. Co. (Fodder Cutters, etc)
Kohler F. E. Co. (Hand Corn Planters)
Ney Mfg. Co. (Hay Carriers, etc)
Swineford G. A. Co. (Hay Carriers, etc)
CINCINNATI—Blymyer Iron Works Co. (Plantation Coffee & Rice Machy, etc)
Miller L. J., 1223 Harrison av
CLEVELAND—American Fork & Hoe Co. (Forks, Hoes, etc). Swetland bldg
Atlantic Machine & Mfg. Co. (Cultivators & Lawn Mowers), 429 W. Prospect av
BARTLETT, C. O. & SNOW CO. (Corn Crushers & Shellers, Pearling Machinery), French
See adv index at end of book
Cleveland Tractor Co. ("Cleveland" Tractors), Euclid & Lamb av
Empire Plow Co. (Plows, Harrows, Cultivators, Tractor Implements, etc.), 3140 E 65th
Spalding Tilling Machine Co. (Disc Plows)
COLDWATER—New Idea Spreader Co. (Manure Spreaders)
COLUMBIANA—Enterprise Co.
COLUMBUS—Columbus Plow Co.
Kilbourne & Jacobs Mfg. Co. (Scrapers). *See adv index at end of book*
CRESTLINE—Burch Plow Works Co. (Plows, etc)
International Mfg. Co. (Seed Cleaners)
DAYTON—Aughe Plow Co. (Plows)
Ohio Rake Co. (Harrows, Hay Loaders, Planters, Rakes, Tedders, Corn Shellers)
DEFIANCE—Defiance Welding Co. (Peg Tooth Harrow & Pulverizer)
DOYLESTOWN—Seiberling & Miller Co. (Mowers, Reapers, Binders, Harvesters, etc)
FREMONT—Lehr Agricultural Co. (Cultivators, Harrows, etc)
GALENA—Hughes & Smythe (Revolving Rakes, Corn Planters, etc)
GERMANTOWN—Emrick A. E. (Plows, Harrows & Tobacco Presses)
HAMILTON—Long & Allstatter Co. (Cultivators, Harrows, etc.)
HARRISON—Campbell Bros. Mfg. Co. (Corn Drills, etc)
HILLSBORO—Bell C. S. Co. (Feed Mills, Cane Mills, etc)
KENT—Peterson Mfg. Co. (Pulverizers & Clod Crushers)
LANCASTER—Eagle Machine Co. (Feed Mills, Hand Planters, Corn Shellers, Feed Cutters)
Hocking Valley Mfg. Co. (Corn Shellers, Hay Rakes, Tedders & Loaders, Feed Cutters)
LOGAN—Logan Fdry. & Machine Co. (Plows, etc)
MADISON—Genung C. W. (Garden Seed Drills & Cultivators)
MALTA—Brown-Manly Plow Co. (Plows, Cultivators, etc)
MANSFIELD—Aultman & Taylor Machy. Co. (Threshers), Dept. H
Lean Roderick Mfg. Co. (Harrows, Cultivators, Weeders, etc.)
MARION — Huber Mfg. Co. (Threshers, Stackers, Weighers, Engines, etc)
MARTINSVILLE—West & Townsend (Cultivators)
MARYSVILLE—Adams Husker Co.
MASSILLON—Harrison W. R. & Co. (Fodder Cutters, etc)
Russell & Co. (Threshers, Stackers, etc)
NAPOLEON—Heller-Aller Co. (Feed Cookers, Farm Boilers, Hog Scalders, Hog Waterers, etc)
NEW LEXINGTON—Star Mfg. Co. (Feed Mills, Grinders, etc)
NORTH FAIRFIELD — Fairfield Plow Works (Plows)
RIPLEY—Ripley Fdry. & Machine Co. (Pulverizers, etc)
SALEM—Silver Mfg. Co. (Feed Mills, Feed Cutters), No. 256
SPRINGFIELD—American Seeding Machine Co. (Grain Drills, Seeders & Sowers, Broadcast Disk, Harrows, etc)
Bayley Wm. Co. (Feed Mills, Hand Grist Mills & Corn Shellers)
Buffalo-Springfield Roller Co.
Duplex Mill & Mfg. Co.
Excelsior Drill Co.
International Harvester Co. of America. (See Chicago, Ill.
Mast, Foos & Co. (Lawn Mowers, Wind Engines, Pumps, etc)
Roberts Thos. (Feed Mills)
Ross E. W. Co. (Feed, Fodder & Ensilage Cutters, Silos & Grinding Mills, etc)
Superior Mfg. & Mill Co.
Thomas Mfg. Co. (Grain Drills, Hay Loaders, Rakes, Tedders, etc)
SWANTON—Baker A. D. Co. (Threshers, Traction Engines, etc)
TIFFIN—Tiffin Wagon Co. (Corn Shellers, etc)
UPPER SANDUSKY—Ohio Mfg. Co.
URBANA—Bechtolt Geo. E. (Plows)
WESTERVILLE—Bennet H. L. & Co. (Corn Harvesters, Stump Pullers, etc)
WILMINGTON—Hunnicutt Chas. Co. (Seed Corn Graders)
ZANESVILLE—Brown Mfg. Co. (Plows, Harrows, Cultivators, etc)

OKLAHOMA.

MUSKOGEE—Swanson Plow Co. (Plows, Planters, Harrows, Cultivators, Stalk Cutters, Hay Presses)

PENNSYLVANIA.

CLEONA—Imboden Harrow & Roller Co. (Harrow & Land Roller Combined)
COCHRANTON — Nonpareil Mfg. Co. (Spreaders)
DOYLESTOWN—Doylestown Agricultural Co. (Threshers, Fodder Cutters)
EASTON—Hobson & Co
WILSON BROS. (Feed Mills, Feed Cutters) *See adv index at end of book*
ELIZABETHTOWN—Buch's A. Sons Co. (Corn Shellers, Fanning Mills, Feed Cutters)
ELYSBURG—De Shay D. H. (Corn Plows, Potato Diggers, etc)
GREENCASTLE—Walck Henry S. (Grain Cradles, Rakes, etc)
HAMBURG — Hamburg Plow Works (Plows, Potato Diggers)
INDIANA—Indiana Foundry Co. (Feed Cutters)
KENNETT SQ.—American Road Machinery Co. (Plows, etc)
Good Roads Machy. Co.
LANCASTER—Dellinger A. M. (Feed Grinding Mills, etc)
LANESBORO—Barnes Mfg. Co. (Plows, etc)
LANSDALE—Heebner & Sons (Threshers, Harrows, Feed Mills, Feed Cutters)
LERAYSVILLE—Bailey E. M. & Son (Plows, etc)
MIFFLINBURG—Albright Jas. H. & Sons (Harrows, Cultivators, Rakes, Feed Cutters)
MOUNTVILLE — Mountville Mfg. Co. (Plows, Planters, Corn Shellers, etc)
MUNCY—Sprout, Waldron & Co. (Feed Mills, Corn Shellers, etc)
NEW HOLLAND—New Holland Machine Co.
ORANGEVILLE—Conner J. W. & Son (Feed Cutters, Harrows, Threshers, Separators, etc)
PHILADELPHIA—Allen S. L. & Co. ("Planet, Jr.," Cultivators, Planters, Seeders), 5th & Glenwood
Phila. Farmers & Dairymen's Supply Co., 1918H Market
Straub A. W. Co. (Feed Mills, etc), 3741 Filbert
POTTSTOWN—Ellis Keystone Agricultural Works (Threshers)
READING—Lessig Geo. D. & Son (Feed Cutters)
RIMERSBURG—Kaster P. M. (Plows, etc)
SCRANTON—Scranton Forging Co.
See adv index at end of book
TATAMY—Messinger Mfg. Co. (Planters, Tedders, Threshers, Feed Cutters)
WAYNESBORO—Frick Co. (Threshers, Stackers, Shellers, Traction Engines)
YORK—Farquhar A. B. Co. Ltd. (Threshers, Plows, Grain Drills, Saw Mills, Potato Diggers, Cultivators, Hydraulic Presses, Steam & Gas Tractors, Corn Planters & Shellers, Engines & Boilers, Feed Cutters)

SOUTH DAKOTA.

SIOUX FALLS—Deere John Plow Co.
WATERTOWN—Lee Bros. (Plows, Harrows, etc)

TENNESSEE.

CHATTANOOGA—Chattanooga Implement & Mfg. Co. (Hay Presses, Plows & Cultivators)
Chattanooga Plow Co. (Plows, Cane Mills, Evaporators, Cotton & Corn Planters, etc)
Ross-Meehan Foundry Co. (Feed Cutters)
Sanders Newell Plow Co. (Plows)
CLARKSVILLE—Patch A. H. (Corn Shellers)
HARRIMAN—Harriman Mfg. Co. (Plows, Cotton Planters, Harrows, Feed Mills)
MEMPHIS—Ellis Wm. C. & Sons Iron Works (Cotton Seed Cleaners)
MORRISTOWN—Koger Pea & Bean Thresher Co.
Ross-Meehan Foundries (Feed Cutters)

TEXAS.

BRENHAM—Schuerenberg F. W. (Plows)
DALLAS—Murray Co. (Cotton Gins, Presses, etc)
Southern Plow Co. (Plows, Cotton & Corn Planters, Harrows & Stalk Cutters, etc)
Texas Disc Plow Co. (Plows)
LONGVIEW—Kelly G. A. Plow Co. (Cultivators, Planters, Steel Shapes, Cast & Steel Plow Goods, Cast Steel & Chilled Plows)
McGREGOR—Texas Implement Mfg. Co. ("Texas" Cotton Choppers & Cultivator Hobbles)

VERMONT.

BARTON—Murkland Jno. W. Co. (Plows)
BELLOWS FALLS—Derby & Ball (Grain Cradles)
Vermont Farm Machine Co.
RANDOLPH—Sargent, Osgood & Roundy Co. (Cultivators, Plows, Potato Hillers, Corner Hay Racks, etc)

VIRGINIA.

ALEXANDRIA—May Wm. H. & Son (Plows)
BRIDGEWATER—Bridgewater Plow Corporation
CHARLOTTESVILLE—Harris R. F. & Co.
FREDERICKSBURG—Hunter Chas. E. Farmers' Friend Plow Works (Plows)
HARRISONBURG—Bradley P. & Sons (Plows, etc)
LYNCHBURG—Lynchburg Foundry Co. (Plows)
Lynchburg Plow Works (Walking Plows)
NORFOLK—Billups C. Son & Co. (Plows)
White's S. R. Sons (Plows, Cultivators, Planters, Corn Shellers & Feed Cutters)
Whitehurst R. W. Mfg. Corp. (Plows, Hay Presses)
PETERSBURG—Ayers J. R. (Fertilizer Distributors, Planters, etc)
RICHMOND—Call-Watt Co. (Plows)
Cardwell Machine Co. (Threshers, Planters, Feed Cutters, Horse Powers, Hay Presses), 1900 E. Cary
Starke's Dixie Plow Works (Ashton Starke, Prop.) (Plows, etc)
STAUNTON—Leader Plow Co. (Garden Plows)

WASHINGTON.

SPOKANE — Northwest Harvester Co. (Harvesters)
WALLA WALLA—Washington Weeder Works (Disc Weeder Cultivators)

WISCONSIN.

ALGOMA—Wodsedalak Jos. (Feed Cutters, etc)
APPLETON—Appleton Hay Tool Co. (Hay Tools)
BEAVER DAM—Beaver Dam Mfg. Co. (Seeders)
BELOIT—Thompson Plow & Engine Works (Plows, Harrows, Cultivators, Listers, etc)
BRANDON—Sherwin E. C. & Son (Harrows)
BRILLION—Brillion Iron Works (Plows, Clod Crushers & Land Rollers)
EVANSVILLE—Baker Mfg. Co. (Feed Mills, Windmills, etc)
FOND DU LAC—Glasow Fred. (Plows)
FORT ATKINSON — Pounder Geo. H. (Harrows)
HORICON—Van Brunt Mfg. Co. (Cultivators, Grain Drills, Seeders, etc)
JANESVILLE—Janesville Machine Co. (Plows, Harrows, Cultivators, Listers, etc)
Sampson Tractor Co. (Tractors & Trucks)
Strickler Hay Tool Co. (Haying Tools)
JEFFERSON—Vaughn Mfg. Co. (Harrows, Grain Mills, etc)
KEWAUNEE—Hamachek Frank (Plows, Feed Mills, Feed Cutters)
LA CROSSE—La Crosse Plow Co. (Plows, Harrows, Cultivators, Grain Drills, Listers, Seeders)
McKenzie Mfg. Co. (Potato Machinery)
Smith Mfg. Co. (Stump Pullers)
MADISON—Madison Plow Co. (Plows, Harrows, Cultivators, Planters, etc)
MANITOWOC—Gaterman Mfg. Co. (Canada Thistle Cutters & Clover Bunchers)
Smalley Mfg. Co. (Corn Shellers, Plows, Feed Cutters)
MILWAUKEE—Allis-Chalmers Mfg. Co. (Farm Tractors & Rotary Soil Tillers)
Dorsch John & Sons (Potato Hiller & Digger Combined), 209 Wells
Hirsch Bros. (Potato Planters, Root Cutters, etc), 267 Reed
Lindsay Bros. (Band Cutters & Self Feeders), 78 Reed
Milwaukee Hay Tool Co. (Corn Huskers, Fodder Shredders & Haying Tools), Layton park
Rosenthal Corn Husker Co. (Huskers & Shredders Corn), West Allis
RACINE—Belle City Mfg. Co. (Feed & Ensilage Cutters, etc)
Case J. I. Plow Works (Plows, Harrows, Cultivators, Planters, Listers, etc, for Tractors & Horses)
Case J. I. Threshing Machine Co. (Threshers, Stackers, Weighers, etc)
Foster & Williams Mfg. Co. (Drag Rakes, Seeders, Fanning Mills, Feed Cutters,, Windmills, Feed Cutters, etc), Dept. O.
Freeman Mfg. Co. (Corn Shellers, Seeders, Fanning Mills)
Johnson & Field Mfg. Co. (Seeders, Fanning Mills, Land Rollers, etc.)
Wabers Mfg. Co. (Hand Corn & Potato Planters)
RIPON—Hazen W. S. (Harrows)
SHEBOYGAN—Blocki F. Co. (Clover Bunchers, Pea Harvesters, etc)
Globe Co. (Feed Mills & Feed Cutters)
SPARTA—Sparta Iron Wks Co. (Stump Pullers)
SUPERIOR—Duplex Mfg. Co. (Feed Mills, etc)
WATERLOO—Drew Carrier Co. (Feed & Litter Carriers)
WAUKESHA—Rowell I. B. Co. (Plows, Harrows, Feed Cutters, Ensilage Cutters)
WAUPUN—Althouse-Wheeler Co. (Feed Mills, etc)
Olson O. C. (Plows)
WAUSAU—Wausau Foundry & Machine Co. (Feed Cutters)
WEST BEND—Gehl Bros. Mfg. Co. (Feed & Fodder Cutters, Corn Shellers, Hay Tedders, Harrows, etc)

93—Agricultural Implement Parts & Shapes

American Shovel & Stamping Co., Lorain, O.
Blancke A. C. & Co., 116 S Michigan av, Chicago, Ill. *See adv index at end of book*
Bonney Forge & Tool Works, Allentown, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Empire Plow Co. (Cultivator, Attachments, Clevises, Coulters, Grain Drill Points, etc), 3140 E 65th, Cleveland, O.
Havana Metal Wheel Co. (Plow Shares, Points, Lister Shares, Sub-Soilers, etc), Havana, Ill.
Janesville Machine Co. (Harrow Attachments), Janesville, Wis.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Mason F. C. & Co. (Potato Digger Blades, Harrow Shoes, Corn Planters, Plows)
Noll Bros., 849 Allis, Milwaukee, Wis.
Parlin & Orendorff Co., Canton, Ill.
Pennsylvania Drop Forging Co. (Finished Steel), 937 French, Pittsburgh, Pa.
Star Mfg. Co. (Steel). Carpentersville, Ill.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

94—*Air Brake Storage Systems

WESTINGHOUSE TRACTION BRAKE Co., Pittsburgh, Pa.

Air Conditioning

See Washers (Air)

95—Air Cooling & Purifying Apparatus

See also Humidifying Apparatus; also Washers
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
BAKER, E. & CO., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*
Bremer Air Conditioning Corp., Lafayette bldg, Philadelphia, Pa.
Carrier Engg. Corp., 39 Cortlandt, New York
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Parks-Cramer Co. ("Parks-Cramer"), Fitchburg, Mass.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.

95a— Air Ducts (Steel)

Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Heltzel Steel Form & Iron Co., The, Warren, O.

95b—*Aircraft Wire, Strand & Cord

ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J., Works, Trenton & Roebling, N. J. *See adv index at end of book*

96—Airlocks (Sewerage, Automatic)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Philadelphia, Pa.
Priestman Albert ("Merritt"), 328 Chestnut, Philadelphia, Pa.

97— Airmeters

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

98—*Air Motors & Air Hoisting Machinery

DETROIT HOIST & MACHINE CO., Detroit, Mich.
See adv index at end of book

AIR MOTORS & AIR HOISTING
Machinery
DETROIT HOIST & MACHINE CO
DETROIT, MICH.

99— Airole

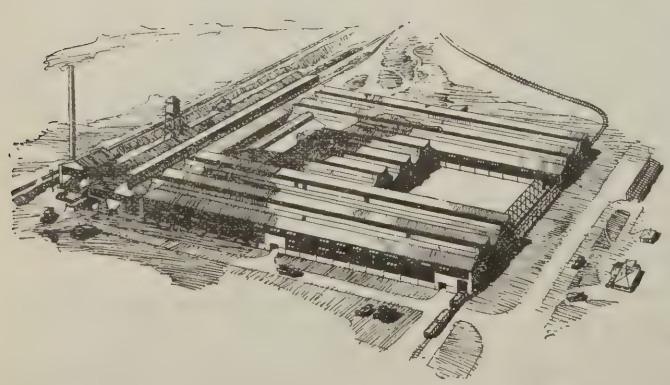
Hoffmann—La Roche Chemical Works, 440 Washington, New York

100— Airports

Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker Av., Bethlehem, Pa.
Eagle Brass Foundry Co., Seattle, Wash.
Laughlin, Thos. Co., Portland, Me. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc., 448 S. Main, Middletown, Conn. *See adv index at end of book*

AIRPORTS
For Wood or Steel Hulls
In Iron or Brass
Wilcox, Crittenden & Co., Inc.
444 So. Main St., Middletown, Conn.

YOUNGSTOWN PRODUCTS FOR MANUFACTURER & BUILDER



AGRICULTURAL
TOOL & WEIGHT BOXES · SEATS
LEVER LATCHES · FURROW & GONG WHEELS
HARROWTOOTH CLAMPS · CULTIVATOR SHIELDS
LAND ROLLER HEADS

AUTOMOTIVE
RADIATOR SHELLS · CRANK CASES
HOUSING COVERS · BRAKE DRUMS
CLUTCH DISCS · STEP HANGERS
HUB FLANGES

GENERAL
LIFT TRUCK PLATFORMS · TANK HEADS
INDUSTRIAL CAR WHEELS · WHEEL DISCS
HATCH CLEATS · BARREL HEADS
COMPOUND BOXES

FIREPROOFING
MACHINE GUARD & FACTORY PARTITION MATERIAL
COLD FORMED CHANNELS & ANGLES BOTH HEAVY & LIGHT
YOUNGSTOWN & PARKER CORNER BEAD · EXPANDED METAL
MAHONING, ZEE & IDEAL METAL LATH

THE YOUNGSTOWN PRESSED STEEL COMPANY
WARREN OHIO
All our factories are now consolidated in one big new plant at Warren, O.
Youngstown PRODUCTS

101— Alarms (Burglar)

Ansonia Electrical Co., Ansonia, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Crouse-Hinds Co., Syracuse, N. Y.
Duplex Elec. Co., 258 B'way, New York
Edwards & Co., Exterior & 140th, New York
Electric Goods Mfg. Co., Canton, Mass.
Garl Electric Co., Akron, O.
Holmes Elec. Protective Co., 26 Cortlandt, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Metropolitan Elec. Protective Co., 130 W. 26th, New York
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Stanley & Patterson ("S. & P." Double Magnet), 23 Murray, New York
Stewart S. A. & Co., Waltham, Mass.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

102—Alarms (Burglar System)

American Bank Protection Co., 1201 S 3d, Minneapolis, Minn.
Holmes Electric Protective Co., 26 Cortlandt, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Metropolitan Electric Protective Co., 130 W 26th, New York

103—Alarms (Fire, Manual, Thermostatic & Automatic Systems)

Aero Alarm Co., Seattle, Wash.
American Fire Alarm Co., 976 Liberty av, Pittsburgh, Pa.
Anderson Coupling & Fire Supply Co., Kansas City, Kans.
Autocall Co. (Interior Systems), Shelby, O.
Automatic Fire Alarm Co., Bradford, Pa.
Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.
Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.
Boston Fire & Police Notification Co. ("Wall"), 11 High, Boston, Mass.
Bunnell J. H. & Co., 32 Park pl, New York
Champion Machine & Forging Co. (Forgings), 3690 E. 78th, Cleveland, O. *See adv index at end of book*
Chicago Engineer Supply Co. ("Acme"), 68 W. Lake, Chicago, Ill.
Conn. Tele. & Elec. Co., Meriden, Conn.
Denio General Electric Co. (Operating Over Telephone Circuits), Rochester, N. Y.
Edwards & Co. (Manual), Exterior & 140th, New York
Elec. Automatic Appliance Co., Denver, Colo.
Elec. Fire Alarm Co., Sheboygan, Wis.
Electrical Sales Co., 176 Federal, Boston, Mass.
Federal Sign System (Electric), 8700 S State, Chicago, Ill.
Fire Alarm Signal Co., 303 Congress, Boston, Mass.
Fire Detecting Wire Co., 2 W 45th, New York
Foote, Pierson & Co., 160 Duane, New York
Gamewell Fire Alarm Telegraph Co., 70 E. 45th, New York
Garl Electric Co., Akron, O.
General Fire Extinguisher Co., 275 W. Exchange, Providence, R. I.
Goldstein Engng. Co. ("Air-Alarm," Automatic Detectors), 45 Maiden la., New York
Hennebohle Frank, 81st & S. Chicago av., Chicago, Ill. *See adv index at end of book*
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Ideal Fire Detector Co., 374 Plane, Newark, N. J.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
McFeil Signal Co., 2857 S Halsted, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Manhattan Fire Alarm Co., 44 E 23rd, New York
Metropolitan Elec. Protective Co., 130 W. 26th, New York
Mohawk Elec. Mfg. Co., 45 Lawrence, Newark, N. J.
Ohio Signal Co., Canton, O.
Ostrander W. R. & Co., 371 B'way, New York
Pacific Fire Extinguisher Co., 440 Howard, San Francisco, Cal.
Palmer Electric & Mfg. Co., 60 K., Boston, Mass.
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Rex-Harris Fire Appliance Co., 310 W 39th, New York.
Rope Fire Escape Co., 1626 Market, Phila., Pa.
Russell Elec. Co. (Horns & Whistles), Danbury, Conn.
Samson Elec. Co., 146 Summer, Canton, Mass.
Special Fire Alarm Electric Signal Co., 44 E 23d, New York
Standard Electric Time Co. ("Standard," Fire & Automatic), Springfield, Mass.
Stanley & Patterson, 23 Murray, New York.
Star Electric Co., Miller & N. J. R. R., Newark, N. J.
Stewart S. A. & Co., Waltham, Mass.
U. S. Automatic Fire Alarm Co. (Automatic & Thermostatic), Kansas City, Mo.
U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Vierkant H. C., Tarrytown, N. Y.
Volunteer Firemen Signal Co., Minneapolis, Minn.
Western Elec. Co., 463 West, New York
Western May-Oatway Fire Alarms, Los Angeles, Cal.

104—Alarms (Low Water, for Boilers)

Ashcroft Mfg. Co., 119 W 40th, New York
Binghamton Machine Works ("The Turner"), Binghamton, N. Y.
Buckeye Iron & Brass Works, Dayton O.
Chicago Automatic Switch Co. (High & Low Water), 900 W Lake, Chicago, Ill.
Chicago Engineers Supply Co. ("Acme"), 68 W Lake, Chicago, Ill.
Detroit Lubricator Co., Detroit, Mich.
Elliott B. K. Co. ("Elliott"), 126 6th, Pittsburgh, Pa.
Engineering Co. of Phila., Harrison bldg., Phila., Pa.
Hills McCanna Co., 2025 Elston av., Chicago, Ill.
Jarvis Engine & Mach. Works, Lansing, Mich.
Kitts Mfg. Co. (High & Low), Oswego, N. Y.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Lawler Regulator Co., 55 W Houston, New York
Lonergan J. E. Co. ("Reliable"), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ostrander W. R. & Co. ("Nev"), 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Pittsburgh Gage & Supply Co. (Also High Water "Pittsburgh" Safety), 30th & Liberty av, Pittsburgh, Pa.
Reliance Gauge Column Co., Cleveland, O.
Rutzler Enoch Co., 404 E 49th, New York
Stanley & Patterson, 23 Warren, New York
Steigert L. Co. (Also for High Water, "U. S." Indicator), Logan & Elder, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Wright-Austin Co. (& High Water), 315H Woodbridge W., Detroit, Mich.

105— Alarms (Mine Car)

American Safety Lamp & Mine Supply Co. ("American" Automatic), Scranton, Pa.

106-7— Alarms (Tank)

Caldwell W. E. Co. ("Caldwell" High Low Water Tank), Louisville, Ky.
Electrical Repair Co., 548 W 25th, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Leahy John J., 48 Dey, New York
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Stanley & Patterson, 23 Murray, New York
Waldman John J., 64 Murray, New York

108— Albone

Roessler & Hasslacher Chemical Co., 709 6th av, New York.

108a— Albumen (Blood)

Armour Fertilizer Wks., United Stock Yards, Chicago, Ill.
Morningstar Chas. & Co., Inc., 349 B'way, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*

108b— Albumen (Egg)

Cooper, Chas. & Co., 194 Worth, New York
Florasynth Laboratories, Inc., 15 Beekman New York
Frost & Cundill, Inc., 60 Wall, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Morningstar Chas. & Co., Inc., 349 B'way, New York
National Aniline & Chemical Co., Inc., 21 Burling Sl., New York

108c— Albumen (Milk)

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Sheffield By-Products Co., Hobart, N. Y.

109— Albumenometers

Automatic Fire Alarm Co., 416 B'way, New York
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

110— Albums (Post Card)

Hanson, J. L. Co. (And Photograph), 552 W. Adams, Chicago, Ill.
Heinn Co., 354 Florida, Milwaukee, Wis.
Horn W. C. Bro. & Co., 541 Pearl, New York
Ward Sam'l Mfg. Co., 299 Atlantic av, Boston, Mass.

110a— Alcohol

Am. Distilling Co. (Industrial, Medicinal & Scientific), Pekin, Ill.
Am. Distilling Co. of N. Y. (Industrial, Medicinal, etc.), 491 Washington, New York
Am. Spirits Mfg. Co. (Industrial, Scientific, etc.), 27 William, New York
Columbia Distilling Co. (Industrial, Medicinal & Scientific), Waterloo, N. Y.
Commercial Solvents Corp., H S. 1st, Terre Haute, Ind.
Cooper, Chas. & Co., 194H Worth, New York.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Chemical Products Div. (Methyl or Wood), Wilmington, Del. *See adv index at end of book*
Everett Distilling Co. (Alcohol & Rum for Industrial & Medicinal Purposes), Everett, Mass.
Felton & Son (Denatured Rum for Tobacco, etc.), 516 E. 2nd, Boston, Mass.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Industrial Distilling Co. (Industrial, Medicinal & Scientific), Waterloo, N. Y.
Internat'l Distilling Co., Ltd. (Industrial, Medicinal & Scientific), Pine & Ferdinand, New Orleans, La.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
New England Distilling Co. (Denaturated Rum for Tobacco, etc.), Covington, Ky.
Union Distilling Co. (Medicinal, Industrial, etc.), Cincinnati, O.
U. S. Industrial Alcohol Co., 27 William, New York
U. S. Industrial Chemical Co. (Refined Amyl, Iso Butyl & Propyl), 27 William, New York
Wathen R. E. & Co. (Industrial, Medicinal & Scientific), Louisville, Ky.
Western Industries Co. (Industrial & Medicinal), 110 Sutter, San Francisco, Cal.

111— Alcohol (Denatured)

Alcohol Utilities Co. ("Pyro"), 27 William, New York
American Distilling Co., Pekin, Ill.
Apothecaries Hall Co. (Jobbers), Waterbury, Conn.
Berg David Distilling Co., Delaware & Tasker, Phila., Pa.
Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
Boyd F. O. & Co., 433 Washington, New York
Commercial Distilling Co., Terre Haute, Ind.
Commercial Solvents Corp., H S. 1st, Terre Haute, Ind.
Cooper Chas. & Co., 194 Worth, New York
Corby Co., Langdon, D. C.
Corning & Co., Peoria, Ill.
Day, Jas. B. & Co., 224 W. Superior, Chicago, Ill.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Gray Wm. S. & Co. (Jobbers), 80 Maiden la., New York
Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heil Henry Chemical Co., St. Louis, Mo.
Industrial Chemical Co., 200 5th av, New York
International Distilling Co., Ltd., Pine & Gent'l Wood, New Orleans, La.
Jefferson Distilling & Denaturing Co. ("Radio," Complete Denatured), Harvey, La.
Lakeside Distilling Co., 140 W Water, Milwaukee, Wis.
Loos & Dilworth, 132-34H, S. Front, Philadelphia, Pa.
MINER-EDGAR CO., 110 William, New York.
National Distilling Co., foot 27th, Milwaukee, Wis.
Pierce & Stevens, Buffalo, N. Y.
Salomon L. A. & Bro., 216 Pearl, New York
Union Distilling Co., 3d & Race, Cincinnati, O.
United States Industrial Alcohol Co. ("Pyro"), 27 William, New York
Walsh Jas. & Co., Union Trust bldg, Cincinnati, O.
Webb, A. L. & Sons, Maryland Trust Bldg., Baltimore, Md.
Webb James A. & Son, 50 Stone, New York
Western Industries Co., 110 Sutter, San Francisco
Wood Products Co., Buffalo, N. Y.
Woolner Distilling Co., Peoria, Ill.

112— Alcohol (Ethyl)

Corby Co., Langdon, D. C.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Jefferson Distilling & Denaturing Co., Harvey, La.
Michigan Chemical Co., Bay City, Mich.
Seydel Mfg. Co. (Benzyl), 88 Forrest, Jersey City, N. J.
Union Distilling Co., Cincinnati, O.
U. S. Industrial Alcohol Co., 27 William, New York

113— Alcohol (Grain)

American Distributing Co., 27 William, New York
American Spirits Mfg. Co., 27 William, New York
Boyd F. O. & Co., 433 Washington, New York
Clifton Springs Distilling Co., Ludlow av & B & O S W Cum., Cincinnati, O.
Commercial Distilling Co., Terre Haute, Ind.
Merchants Distilling Co., Terre Haute, Ind.
Standard Distilling & Distributing Co., 27 William, New York
Union Distilling Co., Cincinnati, O.
Wathen R. E. & Co., Louisville, Ky.
Webb, A. L. Sons, Maryland Trust Bldg., Baltimore, Md.
Webb Jas. A & Son, 50 Stone, New York

113a— Alcohol (Iso Amyl, Butyl & Wood)

Union Distilling Co., Cincinnati, O.

113b— Alcohol (Solidified)

Sternau S. & Co., Inc., 9 E 37th, New York
Theroz Co., 233 B'way, New York

114— Alcohol (Wood)

Berry Bros., Wight & Leib, Detroit, Mich.
Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
Boyne City Chemical Co., Boyne City, Mich.
Buckhannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co., Cadillac, Mich.
Clawson Chemical Co., Ridgway, Pa.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Cooper Chas. & Co., 194 Worth, New York
Corbett M. J. & Co., Binghamton, N. Y.
Coryville Chemical Co., Bradford, Pa.
Cummer-Diggins Co., Cadillac, Mich.
Day Chemical Co., Westline, Pa.
Day, Jas. B. & Co., 224 W. Superior, Chicago, Ill.
Florida Wood Products Co., Jacksonville, Fla.
Forest Chemical Co., Sheffield, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Gaffney Wood Products Co., Bradford, Pa.
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Gray Wm. S. & Co. (Jobber, "Columbian Methanol"), 80 Maiden la., New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heinemann Chemical Co., Olean, N. Y.
Industrial Chemical Co., 200 5th av., New York
James Mfg. Co., Kane, Pa.
Keery Thomas Co., Hancock, N. Y.
Lackawanna Chemical Co., Straight, Pa.
Leighton Arthur Co., Methol, N. Y.
Lewis Run Mfg. Co., Bradford, Pa.
McKean Chemical Co. (Wood Spirits), Williamsport, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
Mashek Chemical & Iron Co. (Refined), Wells, Mich.
Michigan Chemical Co., Bay City, Mich.
MINER-EDGAR CO., 110 William, New York.
Nansen Chemical Co., Nansen, Pa.
National Chemical Co., Bradford, Pa.
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswago Chemical Co., Bradford, Pa.
Otto Chemical Co., Williamsport, Pa.
Peak C. W., Peakville, N. Y.
Penna Alcohol & Chemical Co., 136 N Water, Phila., Pa.
Pierce & Stevens, Buffalo, N. Y.
Russell Chemical Co., Ltd., Russell, Pa.
Salomon L. A. & Bro., 216 Pearl, New York
Seaboard Chemical Co., Blanchard, Newark, N. J.
Smith A. B. Chemical Co., Buffalo, N. Y.
Straight Creek Chemical Co., Straight, Pa.
Sullivan Chemical Co., Acidalia, N. Y.
Susquehanna Chemical Co., Straight, Pa.
Treyz G. H. & Co., Binghamton, N. Y.
Treyz G. I., Cook Falls, N. Y.
Tyler-Hall Chemical Co. (Crude), Hancock, N. Y.
U. S. Industrial Alcohol Co., 27 William, New York
Webb, A. L. & Sons ("Columbian"), Maryland Trust Bldg., Baltimore, Md.
Webb Jas. A. & Son, 50 Stone, New York
Wood Products Co. (Pure Methyl & Refind), Buffalo, N. Y.
Wright Chemical Co., Susquehanna, Pa.
Wyman Chemical Co., Port Alleghany, Pa.

114a— Alcoholometers

Central Scientific Co., 460 E Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York
Scientific Utilities Co., Inc., 18 E 16th, New York

115—Aligning & Leveling Apparatus

Kinkead Mfg. Co. ("Kinkead" for Faulty Alignment of Shafting), 45 High, Boston, Mass.

116— Alizarine Assistant

Bosson & Lane, Atlantic, Mass.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Herrick & Voight, 68 Maiden la., New York.
Leyland Thos. & Co., Readville, Boston, Mass.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Oil Products Co., Harrison, N. J.
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Shaw Jno. & Co., 15 Elkins, South Boston, Mass.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
Wolf Jacques & Co., Passaic, N. J.

116a— Alkali Blue

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Dicks, David Co., Inc., Varick & No. Moore, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

117— Alkali Mfrs.

American Chemical Co., 640 Carr, Cincinnati, O.
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio
Columbia Chemical Co., Frick Bldg., Pittsburgh, Pa.
Diamond Alkali Co. (Special), First Nat'l Bank bldg, Pittsburgh, Pa.
Drackett P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O.
Ford J. B. Co. (Tanners, etc), Wyandotte, Mich.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Mathieson Alkali Wks., Inc., Niagara Falls, N. Y.
Mathieson Alkali Works ("Eagle" & "Thistle" Brands), 53 Canal, Providence, R. I. Works Saltville, Va.
Michigan Alkali Co., Wyandotte, Mich.
Missouri Chemical Works, 4004 Duncan av, St. Louis, Mo.
Niagara Alkali Co., Niagara Falls, N. Y.
Royal Chemical Co. ("Royal" Powder, will remove Vienna Lime from Buffed or Polished Work), Phoenix, R. I.
Solvay Process Co., Syracuse, N. Y.,
Wander, S. & Sons Chemical Co. (Caustic Soda), Albany, N. Y.
Wing & Evans (Selling Agent), 22 William, New York
Winkler, Isaac & Bro. Co., 1st Nat'l Bank Bldg., Cincinnati, O.

117a— Alkaloids

Abbott Laboratories, 4753 Ravenswood av, Chicago, Ill.
Hoffman-La Roche Chemical Wks., 440 Washington, New York
New York Quinine & Chemical Wks., Ltd., 114 Williams, New York

118— Alkarhein

Merrell W. S. Chemical Co., 5th & Pike, Butler, Cincinnati, O.

118a— Alloy Metals (Special)

Alloyed Metal & Mfg. Co., 4537 Pope av, St. Louis, Mo.
Aterite Co., Inc. ("Aterite" & "Fanosite"), n. e. cor. John & William, New York.
Bario Metal Corp. ("Bario Heat, Acid & Alkali Resisting), 167 W 18th, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

118b—Alloy (Pyrophoric & Cerium)

Foote Mineral Co., 109 N 19th, Phila., Pa.
Imex Corp., 23 Beaver, New York
New Process Metal Co., 46-50 Center, Newark, N. J.
Pfanstiehl Co., No. Chicago, Ill.

119— Alloys (Aluminum)

See also Ferro-Aluminum

Acieral Co. of America, 26 Cortlandt, New York
Aluminum Co. of America, 2400 Oliver bldg., Pittsburgh, Pa.
Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
Alloyed Metal & Mfg. Co., 4537 Pope av, St. Louis, Mo.
Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
American Alloys Co., American bldg, Baltimore, Md.
American Duralumin Co., 11 Pine, New York
Birkenstein, S. & Sons, 377 W. Ontario, Chicago, Ill.
Boron Products Co., 686 Court, Reading, Pa.
British Aluminum Co., Ltd., 165 B'way, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Levett, Walker M. Co., 417 E. 23rd, New York
National Smelting Co., Grant av., Cleveland, O.
See adv index at end of book
North American Smelting Co., Philadelphia, Pa.
Peninsular Smelting & Refining Co., 4683H W. Jefferson av., Detroit, Mich.
Premium Metal & Packing Co., Inc., Wilkinsburg, Pa.
Richards & Co., 192 Beverly, Boston, Mass.
Rumford Metal Co., 200 5th av, New York
Seligman, Arthur, 165 B'way, New York
United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., East Chicago, Ind.
Wenger Paul Co., 56 Liberty, New York

120—Alloys (Brass & Bronze)

Alloyed Metal & Mfg. Co. (Bronze only), 4537 Pope av, St. Louis, Mo.
Ajax Metal Co., 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Moore Engineering Co. (Up to Two Tons), Hagerstown, Md.
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.

121—Alloys (Copper & Nickel)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index at end of book
For branch offices see adv index at end of book
American Magnesium Corp., Niagara Falls, N. Y.
CHASE METAL WORKS (also Nickel Silver), Waterbury, Conn.
CHASE ROLLING MILL CO. (also Nickel Silver), Waterbury, Conn.
Damascus Bronze Co. ("Damascus" Copper), N. S., Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Electrical Alloy Co., Morristown, N. J.
Iron Trade Products Co. (Nickel), Farmers Bank bldg, Pittsburgh, Pa.
Metal & Thermit Corp., 120 B'way, New York.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Mutual Electric & Machine Co. (Bandan Bronze), 232 Fort W, Detroit, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.
WILLIAMS & CO. (INC.) (Nickel & Monel Metal), 901-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

122— Alloys (Cupro Nickel)

Riverside Metal Co., Riverside, N. J.

122a— *Alloys for Electrical Purposes

DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book

Alloys for Steel Mfrs.

See Ferro Alloys of Various Kinds

122b— Alloys (Fusible)

Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York. *See adv index at end of book*

123— Alloys (Gold & Silver)

Boron Products Co., Inc. (Boronic all Metal), Reading, Pa.

Hagstoz T. B. & Son, 709 Sansom, Phila. Pa.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Ney J. M. Co., Hartford, Conn.
Round Mountain Mining Co., 1 Montgomery, San Francisco, Cal.

124— Alloys (Iridium)

American Platinum Works (Any Grade of Hardness), 231 N. J. R. R. av, Newark, N. J.
WILSON, H. A. CO., 99 Chestnut, Newark, N. J.

Alloys (Magnesium)

See Ferro-Magnesium

Alloys (Manganese)

See Ferro Manganese, Etc.

125—Alloys (Manganese Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
American Manganese Bronze Co. ("Spare's" "Hy-Ten-Si," etc), 3501 Rhawn, Phila., Pa .
Brady Brass Co., 170 14th, Jersey City, N. J.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.
Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Metal & Thermit Corp., 120 B'way, New York.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.

126— Alloys (Phosphor Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Brady Brass Co., 170 10th, Jersey City, N. J.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Chase Metal Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Phosphor Bronze Smelting Co., ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

Alloys (Silicon)

See Ferro-Manganese & Ferro Silicon

Alloys (Vanadium)

See Ferro-Vanadium

127— Alloys (White Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.
Crown Metal Co., 259 Washington, Milwaukee, Wis.
Eagle Picker Lead Co. (The), 208 S. La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Electric Smelting & Aluminum Co., Lockport, N. Y
Empire Metal Co., Syracuse, N. Y.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Lee-Zurich Alloys Corp., 335 Calyer, Brooklyn, N. Y.
Magnolia Metal Co., 113 Bank, New York. *See adv index at end of book*
Metals Refining Co., Inc., Edison bldg., Chicago, Ill.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Pan American Smelting Works, Calyer & Moultrie, Brooklyn, N. Y.
Riverside Metal Co., Riverside, N. J.
Riverside Metal Refining Co., Connelsville, Pa.
Silver Metal Mfg. Co., Inc., 21 E 40th, New York
Union Smelting & Refining Co., St. Charles, Newark, N. J.
Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York. *See adv index at end of book*

127a— Aloin

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York.
Norwich Pharmacal Co., Norwich, N. Y.

127a-1— *Alpha-Naphtylamin

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Div., Wilmington, Del. *See adv index at end of book*

127a-1— Altars

See also Marble Altars; also Furniture, Church & Lodge

Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*

127a-2—*Alpha-Nitronaphthalene

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Div., Wilmington, Del. *See adv index at end of book*

127a-3— Altars

Daprato Statuary Co., 766 W Adams, Chicago Ill. *See adv index at end of book*

Altars in Marble, Scagliola and Rigalico Composition

DAPRATO STATUARY COMPANY

Chicago New York Montreal

Designers, Sculptors and makers of nigh class altars, any size or design. Photographs and designs upon application. Shipments to all parts of the world.

Alum

See also Alums

127b— Alum (Ammonium)

Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Kalbfleisch Corp., 31 Union sq, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Penna Salt Mfg. Co., Widener bldg, Philadelphia, Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Sergeant, E. M. Co., 15 E. 26th, New York. *See adv index at end of book.*
Squibb, E. R. & Sons, New York
Wiarda, John C. & Co., 273 Greene, Brooklyn, N. Y.

127c— Alum (Ferric)

Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

127d— Alum (Filter)

DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Kalbfleisch Corp., 31 Union sq, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Penna. Salt Mfg. Co., Weidner bldg., Phila., Pa.

127e— Alum (Porous)

Cooper, Chas. & Co., 194 Worth, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Penna. Salt Mfg. Co., Weidner bldg., Phila., Pa.

128— Alumina

Avery Chemical Co., 88 Broad, Boston, Mass.
Chrome Color Wks. (Hydrate for Printing Ink). Matawan, N. J.
Detroit Chemical Works (Sulphate), 100H Junction av., Detroit, Mich.
Drakenfeld, B. F. & Co. (Oxide Hyd. Dealers), 50 Murray, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Lithopone, Dry Colors & Pigments Sec., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co. (Sulphate & Chloride), 25 Broad, New York
Harrison Works (Du Pont), (Sulphate), 35th & Grays Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc. (Jobbers), 46 Cliff, New York. *See adv index at end of book*
Jarecki Chemical Co. (Sulphate), Sandusky, O.
Klipstein, A & Co. (Acetate, Formiate, Lineolate, Palmitate, Stearate, Sulphate, Sulphocynide, etc., Imp.), 644 Greenwich, New York
Merrimac Chemical Co. (Chloride, Sulphate, Hydrate, Acetate, etc.), 148 State, Boston, Mass.
Penna. Salt Mfg. Co. (Sulphate, Hydrate, or Calcined for Aluminum, etc.), Widener bldg, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Sulphate), 709 6th av, New York
Sergeant, E. M. Co. (Sulphate), 15 E. 26th, New York.
See adv index at end of book
Vitro Mfg. Co. (Hydrate of), H Bessemer bldg., Pittsburgh, Pa.
Warner Chemical Co. (Hydrate), 52 Vanderbilt av, New York
Winkler, Isaac & Bro. Co. (Sulphate), 1st Nat'l Bank bldg, Cincinnati, Ohio
See adv index at end of book

129— Aluminite

Alumunite Mfg. Co., 427 4th av, New York

130— Alumino-Vanadium

Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
Vanadium Corp. of Am., Equitable bldg, New York

METALS

UNION SMELTING & REFINING CO., INC.

New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

130a— Aluminum

Blancke A. C. & Co., 602 W. Lake, Chicago, Ill.
International Minerals & Metals Corp., 61H Broadway, New York.
Iroquois Foundries, Inc. ("Indian Head"), 474 Genesee, Utica, N. Y.
Murphy Metals Co., 327 So. La Salle, Chicago, Ill.
National Smelting Co., Grant av, Cleveland, Ohio
See adv index at end of book

130b— Aluminum Acetate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

130c— Aluminum Chloride

Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
Cooper, Chas. & Co., 194 Worth, New York
Dow Chemical Co., Midland, Mich.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Kalbfleisch Corp., 31 Union sq, New York
Lennig Chas. & Co., 40 N. Front, Philadelphia, Pa.
Merrimac Chemical Co., 148 State, New York
Penna Salt Mfg. Co., Widener bldg, Philadelpnia, Pa.

131— Aluminum Flake

Aluminum Flake Co., Akron, O.
Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
Scheel, Wm. H., 159 Maiden la., New York. *See adv index at end of book*

132— Aluminum (Fluoride)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Seligman Arthur, 165 B'way, New York
Wiarda John C. & Co., 273 Green, Brooklyn, N. Y.

132a—Aluminum (For Aeroplanes)

Acieral Co. of America, 26 Cortlandt, New York
Aluminum Castings Co., 2210 Harvard av, S E Cleveland, O.
Aluminium Co. of America, Oliver bldg, Pittsburgh, Pa.
Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
Am. Metal Co., 61 B'way, New York
Levett Walker M. Co., 417-421 E 23d, New York
Leygrand & Co., 120 B'way, New York
National Smelting Go., Grant av, Cleveland, Ohio
See adv index at end of book
Stimpson, Edwin B. Co., 68H Franklin av, Brooklyn, N. Y.
United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.

132b—Aluminum (Granulated)

NATIONAL SMELTING CO., Grant av, Cleveland, O.
See adv index at end of book
Seligman, Arthur, 165 B'way, New York
United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., East Chicago, Ind.
Wenger Paul Co., 56 Liberty, New York

133—Aluminum Hollow Ware

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Aluminum Cooking Utensil Co. ("Wear-Ever"), New Kensington, Pa.
Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Products Co., La Grange, Ill.
Aluminum Ware Mfg. Co. Inc. ("Cook-Rite"), Elmira, N. Y.
Borgfeldt Geo. & Co. ("Coronet," Pilot Swiss), 16th & Irving pl, New York
Bowman Geo. H. Co. ("Swissalu"), 224 Euclid av, Cleveland, O.
Buckeye Aluminum Co. ("Real Solid"), Wooster, O.
Cleveland Metal Products Co. ("Aladdin"), 7609 Platt av., Cleveland, O.
Doylestown Aluminum Ware Co., Doylestown, Ohio
Enterprise Aluminum Co., Massillon, O.
Fargo E. A. Corp., Taunton, Mass.
See adv index at end of book
Gem Stamped Steel Co. ("Gem" Coffee Pots), Chelsea, Mass.
Great Northern Mfg. Co., 215 W Rand, Chicago, Ill.
Griswold Mfg. Co. ("Griswold"), Erie, Pa.
Illinois Pure Aluminum Co., Lemont, Ill.
Massillon Aluminum Co. ("Betty Bright"), Massillon, O.
Monarch Aluminum Ware Co., 4613 Payne av., Cleveland, O.
National Metalware Co., Inc., 95 S 5th, Brooklyn, N. Y.
National Metalware Co. Inc., Bogart & Graham av, Bklyn, N. Y.
New England Enameling Co. ("Priscilla"), Middletown, Conn.
Standard Aluminum Co., Two Rivers, Wis.
Star Aluminum Co., Ashland, Ohio
Sterling Aluminum Co., Erie, Pa.
Stover Mfg. & Engine Co., Freeport, Ill.
Van Natta Aluminum Wks., 920 W. 12th, Erie, Pa.
Wagner Mfg. Co., Sidney, O.
West Bend Aluminum Co., West Bend, Wis.
Wheeling Stamping Co., Wheeling, W. Va.

134—Aluminum Household & Toilet Specialties

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
American Aluminum Mfg. Co., Lemont, Ill.
Cassady Fairbank Mfg. Co., 6128 S La Salle, Chicago, Ill.
Florence Mfg. Co., Florence, Mass.
Great Northern Mfg. Co., 215 W Rand, Chicago, Ill.
Illinois Pure Aluminum Co., Lemont, Ill.
Republic Metalware Co., The, Buffalo, N. Y.
Sternau S. & Co., Inc., 9 E 37th, New York
Union Aluminum Co. (Combs, etc.), Orrville, O.
Wheeling Stamping Co., Wheeling, W. Va.

134a— Aluminum Hydroxide

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Cooper, Chas. & Co., 194 Worth, New York
Hachmeister-Lund Chemical Co., Pittsburgh, Pa.
Merrimac Chemical Co., 148 State, Boston, Mass.
Warner Chemical Co., 52 Vanderbilt, New York

135— Aluminum Leaf

Baer Bros., 438 W 37th, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Kemp, W. H. Co., 165 Spring, New York
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
Rauskolb Fred W. Co., 103 Arch, Boston, Mass.
Sayre Metal Co., Sayre, Pa.
Seligman Arthur (Imp.), 165 B'way, New York
Swift M. & Sons, Hartford, Conn.

136— Aluminum (Liquid)

Michigan Stove Co. ("Garland"), Adair & Jefferson, Detroit, Mich.
Seligman Arthur, 165 B'way, New York

136a— Aluminum Nitrate

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Aluminum Novelties

See Metal Novelties & Specialties

Aluminum Oxide

See Aluminum

136b— Aluminum Palmitate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

136c—Aluminum (Perforated)

Aluminum Co. of Amer., Oliver bldg., Pittsburgh, Pa.

136d—Aluminum (Powdered)

United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.

136e— Aluminum Resinate

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
National Oil Products Co., Harrison, N. J.
Scheel Wm. H., 159 Maiden Lane, New York *See adv index at end of book*

137—Aluminum (Sheets & Rods)

See also Ingots, Aluminum
See also Tubing, Aluminum

Aluminum Company of America, Oliver bldg, Pittsburgh, Pa.
Aluminum Rolling Mill Co., Ivanhoe rd, Cleveland, Ohio
Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Bradford Co. (Imp.), 200 Fifth av, New York
Cleveland Metal Products Co., 7609 Platt av, & C. & P. tracks, Cleveland, Ohio
ERDLE PERFORATING CO. (Sheet), 181 York, Rochester, N. Y.
See adv index at end of book
Guiterman, Rosenfeld & Co. (Imp.), 35 S. William, New York
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Jobbins, W. F. (also Aluminum, Sulphate), Aurora, Ill.
Kelly M. B., Park bldg, Pittsburgh, Pa.
Kemp W. H. Co., 165 Spring, New York
McInnes Charles E. & Co. (Sheets only), Mariner & Merchts. bldg, Phila, Pa.
METAL PRODUCTS CO., 549 W Washington blvd, Chicago, Ill.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Seligman Arthur (Imp.), 165 B'way, New York
SMITH & McCORKEN INC., 65 Engert, Brooklyn, N. Y.
Stimpson, Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York.
United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., East Chicago, Ind.
Weld-Wire Co., 395 Christopher av, Brooklyn, N. Y.
Winter Son & Co. (Imp.), 64 Wall, New York

137a— Aluminum Silicate

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

137b— Aluminum Stearate

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Fergusson Alex C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
National Oil Products Co., Harrison, N. J.
Shepherd Chemical Co., Beech & Highland, Cincinnati, Ohio
Sloan & Russell, Inc., 132 Nassau, New York
Stearyte Co., Inc., 312 E. 22nd, New York

137c— Aluminum Sulphate

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Fergusson Alex C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Michigan Electrochemical Co., Menominee, Mich.

137d— Aluminum Sulphite

Amalgamated Metals Selling Co, Ltd., 42 Bway, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

138—Aluminum Vessels & Linings for Fireless Cookers

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

139— Alums

Commercial Chemical Co., Ludington bldg., Chicago, Ill.
Detroit Chemical Wks., 100H Junction av, Detroit, Mich.
Du Pont E. I. de Nemours & Co. (Heavy Chemical & Acid Sales Dept.), Wilmington, Del. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis Speiden & Co, Inc., 46 Cliff, New York *See adv index at end of book*
Kalbfleisch Corp., 31 Union sq, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Lennig Chas. & Co., 40 North Front, Phila, Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
Penna. Salt Mfg. Co. (Lump, Ground, Powdered, Burnt & Filtering), Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish Phila., Pa.
Provident Chemical Wks., 8011 Idaho av, St. Louis, Mo.
Sergeant E. M. Co. (Potash), 15 E 26th, New York *See adv index at end of book*
Superior Chemical Co., Joliet, Ill.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Western Chemical Mfg. Co., Denver, Colo.
Wiarda John C. & Co. (Lump & Powdered), 273 Greene, Brooklyn, N. Y.
Winkler, Isaac & Bro. Co., 1st Nat'l Bk bldg., Cincinnati, O.

Alundum Wheels

See Emery & Corundum Wheels

140—Amalgamating Pans & Barrels

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Hendy, Joshua Iron Works, 75 Fremont, San Francisco, Cal.
TRAYLOR ENGNG. & MFG. CO., Allentown, Pa.
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

141—Amalgamators (Metallurgical)

Bunting Iron Wks., Dept. H, First Nat. Bk. bldg, San Francisco, Cal.

142-3— Ambulances

Barley Mfg. Co. (Chassis), Kalamazoo, Mich.
Birch James H., Burlington, N. J.
Bradley-Ford Co., Cicero, Ill.
Crane & Breed Mfg. Co., 1227 W 8th, Cincinnati, O.
Fulton & Walker Co., 20th & Filbert, Phila., Pa.
Holzbog G. H. & Bro., Jeffersonville, Ind.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Lorraine Car Co., Richmond, Ind.
Michigan Hearse & Motor Co., 1500 Union av S. E., Grand Rapids, Mich.
Rech-Marbaker Co. (Combination Patrol & Ambulance), 8th & Girard, Phila., Pa.
Studebaker Corp., South Bend, Ind.

144— Ammeters (Shunt)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Clark Elec. Motor Co. ("Clark" For Automobiles), 1330 12th, Detroit, Mich.
Hickok Electrical Instrument Co., 10514 Dupont, Cleveland, O.
Pignolet Louis M., 78 Cortlandt, New York
Roller-Smith Co., 233 B'way, New York

145— Ammeters & Voltmeters

(Those who Manufacture Battery Gauges are so Indicated following their names)
American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.
Benton Electric Co., La Crosse, Wis.
Biddle Jas. G., 1211 Arch, Phila., Pa.
Braun-Knecht-Heimann Co. (Voltmeters), 576-584 Mission, San Francisco, Cal.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Dongan Elec. Mfg. Co. (automobile ammeter only), 2937 Franklin, Detroit, Mich.
Dow Mfg. Co. (Battery Gauges), Braintree, Mass.
Du Vivier Ernest H. (Imp.) (Dial & Recording), 30 Church, New York
Hickok Electrical Instrument Co., 10514H Dupont, Cleveland, Ohio
Eldredge Electric Mfg. Co., Springfield, Mass.
Esterline Co. ("Esterline," Recording), 227 Lemcke Annex, Indianapolis, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hercules Instrument Co. ("Monarch" Ammeters), Mt. Vernon, N. Y.
Hoyt Electric Instrument Works (For Direct Current, also Battery Gauges), Penacook, N. H.
International Instrument Co., Cambridge, Mass.
Jewell Electrical Instrument Co. ("Jewell" Radio & Dead-Beat Portable & Switchboard type), 1650 Walnut, Chicago, Ill.
Kendrick-Davis Co. (The K.-D.), Lebanon, N. H.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.

Manhattan Electrical Supply Co. ("Elite" Battery Gauges), 17 Park pl, New York
See adv index at end of book
Mohawk Electric Mfg. Co., 15 Kirk Pl, Newark, N. J.
National Carbon Co. (Battery Gauges), Madison av, N. W., & W. 117th, Cleveland, O.
National Gauge & Equipment Co. ("National" Automobile Ammeters Only), La Crosse, Wis.
See adv index at end of book
Norton Electric Instrument Co., Manchester, Conn.
Pierson-Wilcox Elec. Co. (Battery Gauges), 223 S 6th, Minneapolis, Minn.
Pignolet Louis M. (Continuous & Alternating Current), 80 Cortlandt, New York
Pyrolectric Instrument Co., Trenton, N.J.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Readrite Meter Works ("Readrite," Pocket & Miniature Battery Testing), Bluffton, Ohio
Reliance Instrument Co. ("Reliance"), 1313 Moorman, Chicago, Ill.
Roberts Instrument Co., Detroit, Mich.
Roller-Smith Co. (Portable & Switchboard) 233 B'way, New York
Sholder-Excel Mfg. Co., Clyde, O.
Spiitdorf Electrical Co. (Ammeters), 98 Warren, Newark, N. J.
Sterling Mfg. Co. (Pocket Battery Testers), Blackstone bldg, W 3rd, Cleveland, O.
Troy Electrical Co., Troy, N. Y.
Westburg Engineering Co., 53 W. Jackson blvd., Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

Ammonia

See Ammonia (Aqua & Anhydrous)

146— Ammonia (Aqua & Anhydrous)

Am. Cyanamid Co., 511 5th av, New York
Armour Ammonia Works (Anhydrous), 1355 W. 31st, Chicago, Ill.
Armour Glue & Ammonia Wks. (Anhydrous), 22 Battery, San Francisco, Cal.
Avery Chemical Co. (Aqua), 88 Broad, Boston, Mass.
Banner Mfg. Co., 373 Adelaide, Detroit, Mich.
Barrett Co. (Anhydrous & Aqua), 17 Battery pl, New York
Bower Hy. Chemical Mfg. Co. (Anhydrous & Aqua), 29th & Gray's Ferry rd, Phila., Pa.
Braun-Knecht-Heimann Co., 584 Mission, San Francisco, Cal.
Clapp B. P. Ammonia Co., Louisville, Ky.
Columbia Chemical Works ("C. C. Parsons"), Bush Terminal, Brooklyn, N. Y.
Commercial Chemical Co. (Aqua), 5721 W. 66th, Chicago, Ill.
Consumers Ammonia Mfg. Co. (Anhydrous & Aqua), Camden, N. J.
Contact Process Co. (Aqua Ammonia only), Buffalo, N. Y.
Cooper, Chas. & Co., 194 Worth, New York
Erkenbrach Geo. A. Co. (Aqua), 115 Maiden lane, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
General Chemical Co. (Aqua), 25 Broad, New York
Grasselli Chemical Co. (Aqua), Guardian bldg., Cleveland, O.
Hamilton-Otto Coke Co., Hamilton, O.
Harshaw, Fuller & Goodwin Co. (Carbonate, Muriate), Elec. bldg, Cleveland, O.
Herf & Frerichs Chem. Co., 932H Pierce bldg, St. Louis, Mo.
Heyman N. H. (Anhydrous), 438 E 59th, New York
Hirsh Leon & Son (Anhydrous in Cylinders), 368 Greenwich, New York
Kalbfleisch Corp. (Aqua Ammonia only), 31 Union sq, New York
Klipstein A. & Co. (Muriate), 644 Greenwich, New York
McKesson & Robbins (Salts of), 91 Fulton, New York
Mallinckrodt Chemical Works (Aqueous), 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Aqua), Camden, N. J.
Merrimac Chemical Co. (Aqua & Anhydrous), 148 State, Boston, Mass.
Michigan Ammonia Works (Carbonate), ft of Meldum av., Detroit, Mich.
Morris & Co., U. S. Yards, Chicago, Ill.
National Ammonia Co. ("National" Anhydrous, "Peerless" Aqua for Ice Making & Refrigerating Machines), 3500 N B'way, St. Louis, Mo.
Naugatuck Chemical Co. (Aqua), Naugatuck, Conn.
New Haven Gas Light Co., New Haven, Conn.
Pacific Ammonia & Chemical Co., 340 Spear, San Francisco, Cal.
Penn Chemical Works ("Banner," Dry), 1332 Washington av, Phila., Pa.
Powers - Weightman - Rosengarten Co. (Aqua), 916 Parrish, Philadelphia, Pa.
Robinson Bros. ("Buffalo"), Montrose av, Brooklyn, N. Y.
Roessler & Hasslacher Chemical Co. (Sal Grami & Carbonate, etc.), 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Semet-Solvay Co. (And Ammonia Products), Syracuse, N. Y.
Shipley Construction & Supply Co., ft. of Warren, Brooklyn, N. Y.
Spokane Gas & Fuel Co. (Concentrated Unpurified), Spokane, Wash.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Western Chemical Mfg. Co. (Aqua & Anhydrous), Denver, Colo.
Wiarda John C. & Co. (Carbonate or Fluoride Jobbers), 273 Greene, Brooklyn, N. Y.

147— Ammonia Hydroxide

Baker J. T. Chemical Co., Phillipsburg, N. J.

148— Ammoniates

Alba Mfg. Co. (Fertilizer), Aurora, Ill.
American Agricultural Chemical Co., 2 Rector, New York
Armour Fertilizer Works, U S Yards, Chicago, Ill.
Buffalo Fertilizer Works, Marine Bank bldg., Buffalo, N. Y.
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Heller Jos. S. (Imp), 62 William, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Ober G. & Sons Co., U. S. Fidelity & Guaranty bldg, Baltimore, Md.
Pacific Coast Beef & Provision Co. (Animal), Los Angeles, Cal.
Royster F. S. Guano Co., Norfolk, Va.
Swift & Co. (Animal), Union Stock Yards, Chicago, Ill.
Virginia-Carolina Chemical Co., Richmond, Va.
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
Wilson & Co. (Animal), Union Stock Yards, Chicago, Ill.

148a— Ammonium (Benzoate)

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

149—Ammonium (Bi-Carbonate)

Barrett Co., 17 Battery pl., New York.
Semet-Solvay Co., Syracuse, N. Y.

149a— Ammonium (Bichromate)

Cooper, Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

150— Ammonium (Bifluoride)

General Chemical Co., 25 Broad, New York.

151— Ammonium Bromide

Dow Chemical Co., Midland, Mich.
Greeff, R. W., & Co., 78 Front, New York
Halogen Chemical Co., Bay City, Mich.
New York Quinine & Chemical Wks., 135 William, New York

152— Ammonium (Carbonate)

Am. Agricultural Chemical Co., 2 Rector. New York
Cooper Chas. & Co., 194 Worth, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Michigan Ammonia Wks., Ft. Meldrum av, Detroit, Mich.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Warren Products Co., 275 Canal, New York *See adv index at end of book*

152a— Ammonium Chloride

See also Sal Ammoniac

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

152b— Ammonium Chromate

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Monsanto Chemical Works, 1800 S 2nd, St. Louis, Mo.
Squibb, E. R. & Sons, 78 Beekman, New York

152c— Ammonium Fluoride

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

152d— Ammonium Iodide

Cooper, Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

152e—Ammonium Molybolate

Foote Mineral Co., Inc., 107 N. 19th, Philadelphia, Pa.
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Mine & Smelter Supply Co., Denver, Colo.
Vanadium Corp. of Am., Equitable bldg, New York
Squibb, E. R. & Sons, 78 Beekman, New York

153— Ammonium Nitrate

Am. Cyanamid Co., 511 5th av, New York
Atlas Powder Co. (Explosives & Dental), Wilmington, Del.
Erkenbrach Geo. A. Co., 115 Maiden la, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Marden, Orth & Hastings Co., 136 Liberty, New York
Ohio Chemical & Mfg. Co., 1177 Marquette, Cleveland, Ohio
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

153a— Ammonium Oxalate

American Alkali & Acid Co., Bradford, Pa.
Cooper, Chas. & Co., 194 Worth, New York

153b— Ammonium Phosphate

Am. Cyanamid Co., 511 5th av, New York
Ashcraft Wilkinson Co., Atlanta, Ga.
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Katzenbach & Bullock Co. (Imported), 440 Washington, New York
Victor Chemical Wks., Fisher bldg, Chicago, Ill.

154—Ammonium Persulphate

Holz & Co., Inc., 18 Madison av, New York York. *See adv index at end of book*

AMMONIUM PERSULPHATE
For Scientific and Technical Uses
HOLZ & CO., Inc.
18 Madison Avenue — NEW YORK

Ammonium Sulphate

See Sulphate of Ammonia

154a— Ammonium Sulphide

Seidner & Enequist, 86 Hausman, Brooklyn, N. Y.
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*

154b—Ammonium Sulphocyanide

Cooper, Chas. & Co., 194 Worth, New York
Squibb, E. R. & Sons, 78 Beekman, New York

154c— Ammonium Tartrate

Cooper, Chas. & Co., 194 Worth, New York
Stresen, Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.

154d— Ammonium Valeriate

Orr Chemical Co., Inc., Newark, N. J.

155— Ammunition

Artillery Fuse Co., Wilmington, Del.
Austin Cartridge Co., Cleveland, Ohio.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Chamberlin Cartridge & Target Co., 514 Prospect av, Cleveland, O.
EDWARDS MFG. CO. (Paper Cap), 545-565 Eggleston av, Cincinnati, Ohio
See adv index at end of book
Hoxie Ammunition Co., Chicago Ill.
Peters Cartridge Co., 1st Nat Bk bldg., Cincinnati, O.
Quackenbush H. M. (Air Rifle), Herkimer, N. Y.
Remington Arms Co., Inc. ("U. M. C."), 233 B'way, New York
Savage Arms Corp. ("22 Hi-Power"), Utica, N. Y.
U. S. Cartridge Co. ("Climax"), Lowell, Mass.
Western Cartridge Co., East Alton, Ill.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

155a—*Ammunition (Air Rifle)

Quackenbush H. M., Herkimer, N. Y.

156—Amyl Acetate (Acetate of Amyl)

Albany Chemical Co. (Technical & C. P.), Albany, N. Y.
Alcohol Products Co., Blanchard st, Newark, N. J.
Anderson Chemical Co., Wallington, N. J.
Celluloid Zapon Co., 200 5th av, New York
Cooper Chas. & Co., 194 Worth, New York
Franco American Chem. Works, Carlstadt, N. J.
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Maas & Waldstein Co., 92 William, New York
National Aniline & Chemical Co., Inc. (Jobbers), 21 Burling slip, New York
U. S. Industrial Chemical Co., 27 William, New York

156a—Amyl Acetate (Commercial & Iso)

Apothecaries Hall Co., Waterbury, Conn.
Franco-American Chemical Wks., Carlstadt, N. J.

156b— Amyl Butyrate

Bush, N. J. & Co., 100 William, New York
Northwestern Chemical Co., Wauwatosa, Wis.

156c— Amyl Salicylate

Chiris Antoine Co., 20 Platt, New York
Van Dyk & Co., 6 Platt, New York

156d— Amyl Valeriate

Northwestern Chemical Co., Wauwatosa, Wis.

157— Analytical Apparatus

See also Instruments, Scientific

Ainsworth Wm. & Sons, Denver, Col.
Berge J. & H. (Imp. Scales), 95 John, New York
Eimer & Amend, 205 3d av, New York
Heil Henry Chemical Co., St. Louis, Mo.
Hoskins Mfg. So., 453 Lawton, Detroit, Mich.
Salt Lake Hardware Co., Salt Lake City, Utah
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

158— Anchors (Boat)

American Engineering Co. ("Providence," Stockless & Mushroom), Aramingo & Cumberland, Phila., Pa.
Baldt Anchor Co., Chester, Pa.
Balfour, Guthrie & Co. (Jobbers), 350 California, San Francisco, Cal.
Bleecker Aug. & Son, 5 Jones la, New York
Camden Anchor-Rockland Machine Co. (Wrought Iron, 20 to 8,000 lbs), Camden, Me.
Cape Ann Anchor Works, Gloucester, Mass.
Chester Steel Castings Co. (Ship), 407 Sansom, Phila., Pa.
Columbia Steel Co. ("Baldt" Steel), 503 Market, San Francisco, Cal.
Durkee Chas. D. & Co. ("Crescent"), 2 South, New York
Fairhaven Iron Foundry Co. (Bulb-Shank Mooring), Fairhaven, Mass.
Fisher C. W., 52H Bway, New York
International Ship Fittings & Supply Corp., 212-214 Fulton, Bklyn, N. Y.
Laughlin Thos. Co. ("Dirigo" Folding, Kedge, Fishing, Grapnel, Mushroom, Swivel, Stockless, Babbitt, etc.), Portland, Me. *See adv index at end of book*

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Marine Hardware-Equipment Co., So Portland, Me. *See adv index at end of book*
Neptune Hardware Mfg. Co., 29 Murray, N. Y.
New Jersey Foundry & Machine Co. ("Delta"), (Ship), 89 West, New York
Pendleton ("Rex"), 305 S Water, Providence, R. I.
Penn Seaboard Steel Co. ("Admiral"), Franklin Bk. bldg, Phila. Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Inc. ("Navy" Stockless with Bale Socket, Mushroom, Folding Kedge, Grapplings, etc. "Cape Cod," Folding), Middletown, Conn. *See adv index at end of book*

159— Anchors (Concrete)

Alexander D. A. Co., 272 State, Rochester, N. Y.
Concrete Steel Co., 42 Bway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Richmond Screw Anchor Co., Pulitizer bldg, New York
Star Expansion Bolt Co. ("SEBCO"), 145 Cedar, New York
See adv index at end of book
Streeter Clip & Specialty Co., 4125-27 E. Ravenswood av, Chicago, Ill.
United States Expansion Bolt Co., 25 Elm, New York

160— Anchors (Fence)

Chance Mfg. Co. ("Never Creep"), Centralia, Mo.
Page Steel & Wire Co. ("Page") Adrian, Mich.

160a— Anchors (Fishing)

Laughlin Thos. Co. ("Dirigo"), Portland, Me. *See adv index at end of book*
Marine Hardware Equipment Co. ("Trawl"), South Portland, Me. *See adv index at end of book*
Thacher Propeller & Foundry Corp. ("Albany"), Albany, N. Y.

160b— Anchors (Grapnel)

Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Marine Hardware - Equipment Co., South Portland, Me. *See adv index at end of book*
Thacher Propeller & Foundry Corp. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn. *See adv index at end of book*

161— Anchors (Guy)

Bennett I. A. Co ("Bull Tongue"), 112 W Adams, Chicago, Ill.
Bluffton Anchor Co., Bluffton, O.
Chance Mfg. Co., Centralia, Mo.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Crouse-Hinds Co. ("Harpoon"), Syracuse, N. Y.
Everstick Anchor Co., 1624 N 8th, St. Louis, Mo.
Falls Elec. Co., Lima, O.
Faultless Anchor & Mfg. Co., Centerburg, Ohio
Gund Mfg. Co., La Crosse, Wis.
Hallet Iron Works ("Hiawatha," "Hallett" Guy anchor plate), Harvey, Ill.
Harrison Electric Co., Van Brunt, Brooklyn, N. Y.
Jackman W. J. ("The Jack Anchor"), Lima, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.
Matthews W. N. & Bro. Inc. ("Matthews," "Scrulix"), 2922 Easton av, St. Louis, Mo.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Miller Anchor Co. ("Miller" Safety), Norwalk, Ohio
New Eng. Bolt Co., Inc., Everett, Mass.
Oliver Iron & Steel Co., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Ransome Concrete Machy. Co. ("Oshkosh"), Dunellen, N. J.
St. Louis Malleable Casting Co. ("O. K."), 7700 N. Broadway, St. Louis, Mo.
Simpson Anchor Co., Niagara Falls, N. Y.
Specialty Device Co. ("Bierce"), 112 W 3rd, Cincinnati, O.
Universal Cable Grip Co. ("Universal" Anchor Head), Skaneateles, N. Y.
Wapak Hollow Ware Co., Wapakoneta, O.

Anchors (Joist)

See Joist Anchor & Timber Caps

161a— Anchors (Kedge)

Laughlin Thos Co. ("Dirigo" Folding), Portland, Me.
Marine Hardware-Equipment Co., South Portland, Me. *See adv index at end of book*
Thacher Propeller & Foundry Corp. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co. (Regular and "Cape Cod" Folding; also "Old Style" Folding), Middletown, Conn. *See adv index at end of book*

161b— Anchors (Mooring)

Fairhaven Iron Fdy. Co. (Bulb Shank), Fairhaven, Mass.
Laughlin Thos. Co., Portland, Me. *See adv index at end of book*
Thacher Propeller & Foundry Corp. ("Albany"), Albany, N. Y.

161c— Anchors (Mushroom)

Am. Engineering Co. ("Providence") Aramingo & Cumberland, Phila., Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Marine Hardware - Equipment Co., South Portland, Me. *See adv index at end of book*
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn. *See adv index at end of book*

162— Anchors (Rail)

See also Creepers, Anti-Rail

Cambria Steel Co., Widener bldg., Philadelphia, Pa.
Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.
P. & M. Co. (The) ("P. & M," "Vaughan," "Henggi"), 80 E Jackson blvd, Chicago, Ill.
St. Louis Malleable Casting Co., 7700 N Broadway, St. Louis, Mo.
Scott John M. & Sons ("Racine"), Racine, Wis.

163— Anchors (Screw)

Ackerman-Johnson Co., 625 W Jackson blvd, Chicago, Ill.
Richmond Screw Anchor Co., 61 Park Row, New York
Star Expansion Bolt Co., 145 Cedar, New York *See adv index at end of book*

SEBCO
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SCREW ANCHORS
Hold effectively with any wood, machine or special screws

Catalogue furnished on request

STAR EXPANSION BOLT CO.

145 Cedar St.	New York
112 W. Lake St.	Chicago
700 E. Third St.	Los Angeles

164—Anchors (Screw, Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Penn Seaboard Steel Co., Franklin Bk. bldg, Phila., Pa.
STAR EXPANSION BOLT CO. ("Star" & "SEBCO"), 145 Cedar, New York.
See adv index at end of book
U. S. EXPANSION BOLT CO., 139-141 Franklin, New York
See adv index at end of book
Van Expansion Bolt Mfg. Co. ("Van"), 4845 N Lowell av, Chicago, Ill.

164a— Anchors (Stockless)

Admiral Anchor Co., Chester, Pa.
Am. Engineering Co. ("Providence"), Aramingo & Cumberland, Phila., Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Penn Seaboard Steel Corp., Franklin bldg, Phila., Pa.
Thacher Propeller & Foundry Corp. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co. ("Navy"), Middletown, Conn.
See adv index at end of book

165— Anchors (Stone)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
Ideal Hanger Co., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 146th, New York.

166— Anchors (Wall)

Auer John, Jr. (Also Beam Wrought), 197 Middleton. Brooklyn, N. Y.
Bacon & Matheson Forge Co. (Curb), 17H W Lander, Seattle, Wash.
Brunner & Lay (Column-Beam & Pin), 570 W Polk, Chicago, Ill.
Chesapeake Iron Works, Westport, Baltimore, Md.
Concrete Steel Co., 42 Bway, New York
Hager C. & Sons, Hinge Mfg. Co. (Riveted & Nutted Angle Shank & Wrought T), 2447 De Kalb, St. Louis, Mo.
Hastings Foundry & Iron Works, Hastings, Neb.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, Ohio

SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York.

167—Andirons, Fenders & Grates

See also Fire Place Furnishings

Adams Co., Dubuque, Ia.
Bassill Louis Co. (Brass), 100 Utica, Boston, Mass.
Bigelow, Cheney Wire Works, Springfield, Mass.
Birmingham Stove & Range Co., Birmingham, Ala.
Boston Brass Andiron Co. (Brass), 104 Utica, Boston, Mass.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Bradley & Hubbard Mfg. Co. (Brass & Iron), Meriden, Conn.
Budd Grate & Fdy. Co., 2013 E Latterly, Phila., Pa.
Burr Co. (Cast Iron), Champaign, Ill.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Colonial Fireplace Co. ("Colonial"), 4631 W 12th, Chicago, Ill.
COVERT H. W. CO., 137 E 46th, New York
Downey T. F. Boiler Wks., 2600 W Grand av, Chicago, Ill.
Glascock Stove & Mfg. Co. (Portable Grates, etc), Greensboro, N. C.
Graf Frank H. Mfg. Co. (Brass, Bronze & Iron), 322 7th av, New York
Harriman Mfg. Co., Harriman, Tenn.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hofft, M. A. Co. (Stoker), Indianapolis, Ind.
JACKSON EDWIN A. & BRO., Inc. (Brass & Iron), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Company (Brass & Iron), 2 W 47th, New York.
Janusch Mfg. Co. (Brass, Bronze & Iron), 496 E 134th, New York
McKenny & Waterbury Co. (Brass & Iron), 181 Franklin, Boston, Mass.
New Albany Mfg. Co., Gates, New Albany, Ind.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Peerless Mfg. Co. Louisville, Ky.
Price-Evans Foundry Co., Chattanooga, Tenn.
Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stover Mfg. & Engine Co. (Brass, Iron), Freeport, Ill.
Twin Fire Furnace Co., 38 S Dearborn, Chicago, Ill
United Iron Wks. (Boiler & Sidewalk Grates), Kansas City, Mo.
Valley Mould & Iron Corp., Dept. H, Sharpsville, Pa.
Withers Foundry & Machine Works, Atlanta, Ga.

168— Anemometers

Davis Instrument Mfg. Co., 112 W Fayette, Baltimore, Md.
Draper Mfg. Co., 152 Front, New York
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Elliott B. K. Co. ("Biram's," etc), 126 6th, Pittsburgh, Pa.
Everhart Brass Wks., 422 Penn av, Scranton, Pa.
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Gurley W. & L. E., Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
McCoy Joseph F. Co. ("Davis-Biram," Imported), 157 Chambers, New York
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 64H W Johnson, Phila., Pa.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Wissler A., B'way & Washington av, St. Louis, Mo

169-70-1— Aneroids

Custer Specialty Co., 28 No. Ludlow, Dayton, O.
Gurley W. & L. E. (Surveying & Mining, etc), Troy, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

172—*Angles & Bands (Trunk)

Continental Fibre Co. (Vulcanized Rubber), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

173—Aniline Colors, Dyes & Dyestuffs

Ackerman, H. R. Co., Inc., 65 Fulton, New York
Agawam Chemical Works, Grosvenor bldg., Providence, R. I.
Althouse Chemical Co., Reading, Pa.
Amalgamated Dyestuff & Chemical Wks., Inc., 75 Hudson, New York
American Aniline Products, Inc., 80 5th av, New York
American Chemical & Dyestuff Co., 97 Oliver, Boston, Mass.
American Color Co., Indianapolis, Ind.
American Dyewood Co., 80 Maiden la, New York
Andreykovicz & Dunk (Imported), 58 N Front, Phila., Pa.
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Ashley T. C. & Co., Atlantic av, Boston, Mass.
Atlantic Dyestuff Co., Ames bldg., Boston, Mass.
Atlas Color Works, Inc., 322 9th, Brooklyn, N. Y.
Atteaux F. E. & Co., 174 Purchase, Boston, Mass.
Atwood Frank W. (Imported), Boston, Mass.
Avery Chemical Co. (Dyes & Dyestuffs), 88 Broad, Boston, Mass.
Bachmeier & Co. ("Baco"), 438 W 37th, New York.
Baltic Chemical Co., 169H Reade, New York
Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.
Bayer Co., 117 Hudson, New York
Bay State Chemical Co., 38 India, Boston, Mass.
Beach & Co., Hartford, Conn.
Berlin Aniline Works, 213 Water, New York
Binney & Smith Co., 81 Fulton, New York
Bird J. A. & W. & Co., 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imported), 451 Washington, New York
Bloede, Victor G. Co., Canton av, Baltimore, Md.
Bosson & Lane, Atlantic, Mass.
Breslauer A. (Dyestuffs & Industrial Chemicals), American Natl. Bk. bldg., San Francisco, Cal.
Brown F. G., 112 N Delaware av, Phila., Pa.
Bull's Ferry Chemical Co., Edgewater, N. J.
BUTTERWORTH - JUDSON CORPORATION, 61 B'way, New York.
See adv index at end of book
Calco Chemical Co., Bound Brook, N. J.
Calvert Aniline & Chemical Co., 28 W 3d, Cincinnati, O.
Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co., Plum Point la, Newark, N. J.
Chemical Co. of America, 28 Platt, New York
Chemical Importing & Mfg. Co. (Jobbers for Bleachers, Dyers, etc), 90 West, New York
Cincinnati Chemical Wks. Inc. (Synthetic Dye Stuffs), Evanston Station (Norwood), Cincinnati, Ohio
Dicks, David Co., Inc., Varick & N Moore, New York.
Dow Chemical Co., Midland, Mich.
Ducas B. P. Co. (Imported), 25 S William, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Du Pont E. I. de Nemours & Co. Inc. (Dyestuffs Sales Dept.), Wilmington, Del. *See adv index at end of book*
Dye Prods. & Chemical Co., Inc., 200 Fifth av, New York
Dye Products Co. of U. S., Krams & Wilde, Phila, Pa.
Earle & Co. (Imported), 20 W 3rd, New York
Eastwood Chemical Co. (Black Iron & Red Iron Liquor), Belleville, N. J.
Essen Aniline Works, So. Middleton, Mass.
Federal Dyestuff & Chemical Corp., 2 Rector, New York
Fergusson Alex Co., Jr., 474 Chestnut, Phila, Pa. *See adv index at end of book*

ALEX. C. FERGUSSON JR.
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DOMESTIC AND IMPORTED CHEMICALS—COLORS—OILS
WAREHOUSE STOCKS
474 CHESTNUT ST. PHILADELPHIA

Fezandie Felix, 205 Fulton, New York
Fortner, Louis B. Co., 235 Dock, Phila., Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Geigy Co., 89 Barclay, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hachmeister-Lind Chemical Co., 2332 Forbes, Pittsburgh, Pa.
Hales, W. W. (Mfrs. Agents), 100 William, New York
Hanover Chemical Wks., Inc., 72 Cliff, New York
Heller, B. & Co. ("Royal Zest"), 3925 Calumet av., Chicago, Ill.
Heller & Merz Co., 503 Hudson, New York
Herrick & Voigt, 68 Maiden lane, New York
Hine Bros. (Hydro Sulphur Dyes), 80 Maiden Lane, New York
Hirschfeldt, Jules & Co., 154 Nassau, New York
Holland Aniline Co., Holland, Mich.
Holliday-Kemp Co., 90 William, New York
Holliday Read & Sons, Ltd., 160 Franklin, New York
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Imperial Color Wks., Inc., Glens Falls, N. Y.
Imperial Dyewood Co., Glen Falls, N. Y.
Industrial Chemical Co., East Providence, R. I.
Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York *See adv index at end of book*
Jamaica Dyewood & Chemical Co., 50 Church, New York
Jaeck Louis Co., 257 Front, New York
Kalle Color & Chemical Co., 530 Canal, New York
Katzenbach & Bullock Co., 440 Washington, New York.
King E. & F. & Co. (Imported), 367 Atlantic av, Boston, Mass.
Klipstein A. & Co., 644 Greenwich, New York
Kuttroff, Pickhardt & Co., Inc. (Jobbers), 128 Duane, New York
Lazard Godchaux Co. (Imp.), 100 William, New York.
Lengfelt F. H. & Co. (Imp), 100 Maiden la, New York
Levinstein I. & Co., 74 India, Boston, Mass.
Lewis, Jno. D. (Imported), 63 Charles, Providence, R. I.
Leyland Thos. & Co., Readville, Boston, Mass.
Lieber H. & Co. ("Moussin" Saponine), 14 Platt, New York.
Marden, Orth & Hastings Co., 136 Liberty, New York
Metz, H. A. & Co., 122 Hudson, New York
Middlesex Aniline Co. (Aniline Oils & Chemicals), 149 B'way, New York
Miller Frank Co., 349 W 26th, New York
Monroe Color & Chemical Co., Quincy, Ill.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York.
National Gum & Mica Co., 59th and 11th av, New York
Neversink Dyeing Co., Inc., Reading, Pa.
Newport Chemical Works, Inc., Milwaukee, Wis.
New York Color & Chemical Co., 98 John, New York
Oakes Mfg. Co., Steinway, L. I. City, N. Y.
Obex Laboratories Co., Marietta, Ohio
Organic Products Corpn., Schenectady, N. Y.
Peerless Color Co., Bound Brook, N. J.
Pickering Geo. & Co., Elmira, N. Y.
Ransom, Lewis E. Co., 279 Pearl, New York
Reading Chemical Mfg. Co., Reading, Pa.
Reisig Chas. H., 269 Water, New York
Reliance Aniline & Chemical Co., 299 B'way, New York
Rice, Edward E. & Co. ("Edmund Ruch & Co." Imported), 620 Atlantic av Boston, Mass.
Seydel Mfg Co. (Furamine, Fur Dyes), 88 Forrest, Jersey City, N J.
Sherwin-Williams Co., Cleveland, O.
Sizing Specialties Co., Jersey City, N. J.
Stamford Extract Mfg. Co., 88 Wall, New York
Stubner Chemical Works, Inc., Elizabeth, N. J.
Sunbeam Chemical Co., 198 Pacific av, Jersey City, N. J.
Suter, Eugene & Co., 120 B'way, New York
Sykes W. F. & Co. (Imported), 8 Lispenard, New York.
Thayer E. M. & Co. (Imp, Also Alizarine Colors), 36 Purchase, Boston, Mass.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
U. S. Color & Chemical Co. (Mfrs. & Importers), 15 Customs House, Boston, Mass.
Vila H. S. Color Co., 243 S 2nd, Phila., Pa.
Wells & Richardson Co., Burlington, Vt.
Western Aniline Products Co. (Intermediates), Hammond, Ind.
Wetterwald & Pfister Co., 276 Spring, New York
Wetzel, Fred, 131 E. 23rd, New York
White John J., Inc., New Brunswick, N. J
White Rabbit Dye Co., 4236 Eastern av, St. Louis, Mo.
White Tar Aniline Corpn., 56 Vesey, New York
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.
Wolf Jacques & Co. (Black Dye), Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York
Yale C. I. Mfg. Co., Yaleville, Conn.
Young, J. S. & Co., Hanover, Pa.
Zinsser Wm. & Co. (Imported), 195 William, New York

173a— Aniline Hydrochloride

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Parker, T. J., 92 William, New York

173b— Aniline Oil Apparatus

Devine, J. P. Co., Buffalo, N. Y.
Hercules Engineering Corp., 501 5th av. New York
Stevens Bros., 85 Liberty, New York

174— Annatto

Ransom L. E. Co. (Imp), 279 Pearl, New York
Kerr J. E. & Co. (Imp.), 25 Beaver, New York

175— Annealers (Wire)

See also Furnaces, Annealing & Case Hardening

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W., Cleveland, O.

Annealing

See Case Hardening; also Tempering to Order

Announcers (Stage)

See Carriage Calls, Electric

176— Annunciators

See also Signals, Hospital

Ansonia Electrical Co., Ansonia, Conn.
Auth Electrical Specialty Co., Ansonia, Conn.
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Bunnell J. H. & Co., 32 Park pl, New York
Connecticut Telephone & Electric Co., Meridian, Conn.
Couch S. H. Co. (Couch "Colecto"), Norfolk Downs, Mass.
Edwards & Co., Exterior & 140th, New York
Electric Goods Mfg. Co. ("Ross," "Dandy," "Perfect," "Rival," "Noxall," etc), Canton, Mass.
Elevator Supplies Co., Hoboken, N. J.
Garl Electric Co. (Elevator, etc), Akron, Ohio
Holtzer-Cabot Electric Co. (Hospital, etc), Brookline, Mass.
International Arms & Fuse Co., Bloomfield, N. J.
Kell Francis & Son, 401 E 163d, New York
Knickerbocker Annunciator Co. (Lighting & Control for Elevators), 116 West, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Östrander W. R. & Co., 371 B'way, New York
Patrick & Wilkins Co. ("King") 51 N 7th, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Samson Elec. Co., 146 Summer, Canton, Mass.
Spielman Elec. Co. ("Seco") 1931 B'way, New York.
Stanley & Patterson ("Premier," "De Veau" Electrical Reset & Gravity), 23 Murray, New York
Star Electric Motor Co., Miller & N. J. R. R., Newark, N. J.
United Electric Apparatus Co. (for Railway Signal Systems), 1529 Columbus av, Boston, Mass.
U. S. E. M. Co. (Electric Lamp), 505 W 42nd, New York.

177—Annunciators (Automobile)

Cowles C. & Co. ("Madison Square" & "Mechanics Hall"), New Haven, Conn.
Holt & Beebe Co., 104 Brookline, Boston, Mass.
O'Brien Jos. F. Mfg. Co., 391 B'way, N. Y.
Robertson-Cataract Electric Co., 151 W Mohawk, Buffalo, N. Y.

178-9—Annunciators (Elevator)

See also Annunciators

Elevator Supplies Co., Hoboken, N. J.
Stanley & Patterson, Inc., 23 Murray, New York

180—Anodes (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Apothecaries Hall Co., Waterbury, Conn.
Baltimore Tube Co., Baltimore, Md.
Bridgeport Brass Co. (Copper & Bronze), Dept. H, Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Clark av, nr Wabash R. R., Detroit, Mich.
General Platers Supply Co., 489 - 493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co. (Copper), 2850 2nd av, Pittsburgh, Pa.
L'Hommedieu Chas. F. & Sons, 4521 Ogden av, Chicago, Ill.
Matthews H. A. Mfg. Co., Seymour, Conn.
Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill. *See adv index at end of book*
Michigan Copper & Brass Co., 1611 W. Jefferson av, Detroit, Mics.
Munning A. P. & Co., Mattawan, N. J.
National Metal Product Co. (Special Shapes), Athenia, N. J.
Neubeck, Adolf, Buffalo, N. Y.
New Haven Copper Co. (Copper, Rolled Only), Seymour, Conn.
Randolph-Clowes Co. (Rolled), Waterbury, Conn.
Rome Brass & Copper Co. (Copper Anodes or Battery Plates for Electrotyping), Rome, N. Y.
Seymour Mfg. Co., Seymour, Conn.
Stamford Rolling Mills Co., Springdale, Conn.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
U. S. Electro Galvanizing Co., 36 Stockton, Brooklyn, N. Y.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

180a— Anodes (Bronze)

Baltimore Tube Co., Baltimore, Md.
METAL PRODUCTS CO., INC., 549 W Washington blvd. Chicago, Ill.
Munning A. P. & Co., Mattawan, N. J.

181—Anodes (Gold & Silver)

Benson H. K. & F. S. (Platers' Granulated & Anode Silver), Glen Ridge, N. J.
Handy & Harman (Fine Silver), 59 Cedar, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Jackson John & Co., 158 Astor, Newark, N. J.
Ney, J. M., Co., Hartford, Conn.
United Wire & Supply Co., Elmwood Station, Providence, R. I.

182— Anodes (Nickel)

Apothecaries Hall Co., Waterbury, Conn.
Burns E. Reed ("Diamond"), 27 Jackson Brooklyn, N. Y.
Ely C. Upham, 50 Vesey, New York.
General Platers Supply Co., 489 - 493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
L'Hommedieu Chas. F. & Sons, 4521 Ogden av, Chicago, Ill.
Munning A. P. & Co., Mattawan, N. J.
Neubeck, Adolf, Buffalo, N. Y.
Roessler & Hasslacher Chemical Co., 709 6th av, New York.
Seymour Mfg. Co. (Rolled & Cast), Seymour, Conn.
Stamford Rolling Mills Co., Springdale, Conn.
U. S. Electro Galvanizing Co., 36 Stockton, Brooklyn, N. Y.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, Pittsburgh, Pa.
See adv index at end of book

183— Anodes (Zinc)

Apothecaries Hall Co., Waterbury, Conn.
Bennett-O'Connell Co., 3600 South Morgan, Chicago, Ill.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
METAL PRODUCTS CO., INC., 549 W Washington blvd. Chicago, Ill.
Munning A. P. & Co., Mattawan, N. J.
National Metal Product Co. (Special Shapes), Athenia, N. J.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

183a— Anthracene

American Tar Products Co. (Crude & Refined), 208 S La Salle, Chicago, Ill.
Barrett Company, 17 Battery pl, New York
Lambert Chemical Co., 400 N 3rd, St. Louis
Proterol Corporation, 41 Barclay, New York

184—Anti-Fluctuators (Gas Engine)

American Meter Co., 3112 N 17th, Phila., Pa.

184a—*Anti-Friction Metals

See also Bearings of Various Kinds; also Babbitt Metal

Union Smelting & Refining Co., 63 Park Row, New York
See adv index at end of book

ANTI FRICTION METALS
UNION SMELTING & REFINING CO., INC.
New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

185— Anti-Hums

Bunnell J. H. & Co., 32 Park pl, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

186— Antimony

American Smelting & Refining Co., 120 B'way, New York
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Brooklyn Alloys Co. (Metals), 17 Walton, Bklyn, N. Y.
Chrystal Charles B. 13 Cliff, New York
See adv index at end of book
Coates, Bennett & Reidenbach, Rochester, N. Y.
Doggett Stanley (Imp, Golden & Crimson Sulphuret of), 11H Cliff, New York
Eagle Smelting & Refining Works (Imp.), 233 B'way, New York
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phila., Pa.
Frost & Cundill, Inc. (Imp), 60 Wall, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fulper Edw. B., Trenton, N. J.
Furukawa & Co., Ltd. (Imp.), 120 B'way, New York
Harshaw, Fuller & Goodwin Co. (Metal, Needle & Oxide), Elec. bldg., Cleveland, O.
Hayman Mich'l & Co., Buffalo, N. Y.
Hill's, Edw. Sons & Co. (Imp.), 64 Wall, New York
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
International Mineral & Metal Corp., 61H Broadway, New York
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Katzenbach & Bullock Co. 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lavino E. J. & Co. (Imp), Bullitt bldg, Phila., Pa.
Lissberger Marks & Son (Imp), 281 Borden av, Long Island City, N. Y.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Murphy Metals Co., 327 S. La Salle, Chicago, Ill.
Nassau Smelting & Refining Works, 607 W 29th, New York
National Sales & Trading Co. (Crimson), Cleveland, O.
Naugatuck Chemical Co., Naugatuck, Conn.
Norden A. & Co. (Imp), Cotton Exch. bldg, New York
Pacific Metal Works, 153H 1st, San Francisco, Cal.
Philipp Brothers (Imp), 29 B'way, New York
Pope Trading (Dealers & Importers), 90 West, New York
Reichard-Coulston Co. (Imp), 303 5th av, New York
Selby Smelting Works, 201 1st, San Francisco, Cal.
Seligman Arthur, 165 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Trotter Nathan & Co. (Imp), 36 N Front, Phila., Pa.
Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
United Smelting & Aluminum Co. (Jobbers), 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., East Chicago, Ind.
Vogelstein L. & Co., 43 B'way, New York
Wah Chang Mining & Smelting Co. (Imp), ("W. C. C." Brand), 233 B'way, New York
Weymouth, Ralph W. (Imp), 116 B'way, New York
Wiarda Jno. C. & Co. (Diaphoretic, Metal, Needle, Oxide), 273 Greene, Brooklyn, N. Y.

186a— Antimony Chloride

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

187—Antimony (Needle & Crude)

Earle E. P. (Crude), 165 B'way, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phila., Pa.
Frost & Cundill, Inc. (Imp), 60 Wall, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Highfield, John W., 248 N. 10th, Brooklyn, N. Y.
Hill's Edward Sons & Co. (Imp), 64 Wall, New York
Hummel & Robinson, 26 Cortland, New York.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mitsui & Co (Imp), 65 Broadway, New York
Nassau Smelting & Refining Wks., Ltd., 603 W 29th, New York
National Aniline & Chemical Co., Inc. (Imp), 21 Burling slip, New York
Norden A. & Co. (Imp), Cotton Exch. bldg, New York

Philipp Brothers (Imp), 29 B'way, New York
Raritan Chemical Works, 8 W 40th, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

188— Antimony Oxide

Bredt F. & Co., 240 Water, New York
See adv index at end of book
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Feuchtwanger, L. & Co., 74 Cortlandt, New York
Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin (Golden Crimson Vermilion), Elec. bldg., Cleveland, O.
Highfield, John W., 248 N. 10th, Brooklyn, N. Y.
Hill's Edward Sons & Co. (Imp), 64 Wall, New York
Raritan Chemical Works (French), 8 W 40th, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York.
Seligman Arthur, 165 B'way, New York
Vitro Mfg. Co. (White), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

188a— Antimony Oxymuriate

Merrimac Chemical Co., 148 State, Boston, Mass.

188b— Antimony Regulus

Atlas Chemical Co., Waltham, Mass.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

188c— Antimony Salts

Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York
See adv index at end of book
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York.

189—Antimony (Sulphuret of)

Avery Chemical Co., 88 Broad, Boston, Mass.
Cantor Joseph (Imp), 54 Stone, New York
Doggett Stanley, 11H Cliff, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phia., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Pfaltz & Bauer (Imp), 300 Pearl, New York
RARE METAL PRODUCTS CO. (Mfrs.), Belleville, N. J.
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Rolls H. J., Ellicott Sq. bldg, Buffalo, N. Y.
Scheel Wm. H. (Imp), 159 Maiden la, New York *See adv index at end of book*
Smith Alfred, 98 Park pl, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

189a—Antimony (Tribromide)

Dow Chemical Co., Midland, Mich.

189b— Antipyrine

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York

189c— Anti-Rail Creepers

P & M Co. (The), ("P & M," "Vaughan," "Henggi"), 80 E. Jackson blvd., Chicago, Ill.

190— Anti-Rattlers (Rubber)

Goodrich B. F. Co., Akron, O.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
United & Globe Rubber Co., Trenton, N. J.

191— Anti-Rattlers (Steel)

See also Couplers, Shaft & Pole
Bauer Bros. Mfg. Co. ("Burton," "Higgin" & "Johnson"), Richmond & Carr, Cincinnati, O.
Evans & Coppins Co. ("Star Quick Shift"), Princeton, Ill.
Fernald Mfg. Co. ("Burton," "Quick Shift," "Ladd," "Fernald" & Wire Drive), North East, Pa.
Monarch Carriage Goods Co. ("Handy"), Cincinnati, O.
Raymond Mfg. Co., Ltd., Corry, Pa.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Tanner D. F. ("Quick Shift"), Holland, N. Y.
Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

192— Anti-Rattlers (Window)

Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
Delaware Hard Fibre Co. (& Door, etc., Fibre), Wilmington, Del.
See adv index at end of book
Dill Mfg. Co. (For Sedan Cars), 684 E 82nd, Cleveland, O.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Peabody Henry W. & Co. ("Feltoid"), 17 State, New York

193—Anvil, Vise & Drill Combined

See also Vises, Anvil, Combination
Bloomfield Mfg. Co. ("New Banner"), Bloomfield, Ind.
Bonney Forge & Tool Works, Allentown, Pa.
Millers Falls Co. (Inserted Steel Vise Jaws), 28 Warren, New York. Works: Millers Falls, Mass.

194— Anvil & Vise Combined

See also Vises, Anvil, Combination
Adams A. L., Cedar Rapids, Ia.
American Scale Co., Kansas City, Mo.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bonney Vise & Tool Works ("Gipsey"), Allentown, Pa.
See adv index at end of book
Columbian H'dwe Co., Cleveland, Ohio
Fisher & Norris ("Eagle"), Trenton, N. J.
Fulton Iron Works ("Cheney") 39 Franklin, Detroit, Mich.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Millers Falls Co., 28 Warren, New York
Parker Charles Co., Meriden, Conn.
Richardson Mfg. Co., Worcester, Mass.
Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.
Southern Skein & Fdry. Co., Chattanooga, Tenn.
Strickler Hay Tool Co., Janesville, Wis.

195— Anvils (Bench, Etc.)

Bonney Forge & Tool Works, Allentown, Pa.
Bullock Mfg. Associates, Springfield, Mass.
Columbian H'dwe Co., Cleveland, Ohio
Fisher & Norris ("Eagle"), Trenton, N. J.
Goodell-Pratt Co., Greenfield, Mass.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Millers Falls Co. ("Hills" Solid Steel), 28 Warren, New York
Potts D. H., Lancaster, Pa. Anvils (Bench, etc.)
Rock Island Mfg. Co. ("Rock Island" Semi-Steel for Farm or Shops), Rock Island, Ill.
Williams A. C. Co. (Family, small, 7½ lbs), Ravenna, O.

196—Anvils (Blacksmiths', Etc., Cast Iron)

American Skein & Foundry Co. ("Badger"), Racine, Wis.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.
Illinois Iron & Bolt Co. ("Vulcan"), Carpentersville, Ill.

197—Anvils (Blacksmiths', Etc., Imported)

Potts Horace T. & Co. ("Paragon," Swedish Steel), 318 N 3rd, Phila., Pa.
Wiebusch & Hilger (Peter Wright, Sole Selling Agent), 106 Lafayette, New York

198—Anvils (Blacksmiths', Etc., Steel)

Columbian Hardware Co. ("Columbian"), Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris ("Eagle," "Horseshoer," "Special"), Trenton, N. J.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.
Southern Skein & Foundry Co. ("Southern Crescent"), Chattanooga, Tenn.
Yost Mfg. Co., Meadville, Pa.

199—Anvils (Blacksmiths', Etc., Wrought)

American Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.
Columbus Anvil & Forging Co. ("Arm and Hammer"), Columbus, O.
COLUMBUS FORGE & IRON Co. ("Trenton" Solid Wrought Iron), Columbus, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.

200— Anvils (Jewelers')

Fisher & Norris ("Eagle"), Trenton, N. J.
Worthington & Raymond ("Optimus," "W. & R"), 71 Murray, New York

201— Anvils (Paper Weight)

Wrightsville Hardware Co., Wrightsville, Pa.

202— Anvils (Plow & Farm)

Columbian H'dwe Co., Cleveland, Ohio
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris ("Fisher"), Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Howell, W. H. Co., Geneva, Ill.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Millers Falls Co., 28 Warren, New York
Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.

203— Anvils (Saw Makers')

Columbus Anvil & Forging Co., Columbus, O.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
Fisher & Norris, Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Potts Horace T. & Co. ("Paragon" Swedish Solid Steel), 318 N 3rd, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

204—Apparatus for Making Rubber Stamps

Smith R. H. Mfg. Co., Springfield, Mass.

205— Apparatus (Gymnastic)

Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Narragansett Machine Co. ("Standard"), Providence, R. I.

GYMNASTIC APPARATUS and PLAYGROUND APPARATUS
STEEL LOCKERS
Write for Catalogs
FRED MEDART MFG. CO.
ST. LOUIS, MO.

206— Applicators (Surgeons)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Safety First Supply Co., 107 3rd av, Pittsburgh, Pa.

206a—Appraisers (Factory, Etc)

American Appraisal Co., Stroh bldg, Milwaukee, Wis.
APPRAISAL ENGINEERING CORPN., 428 Grand av, Milwaukee, Wis., & 53 W Jackson blvd., Chicago, Ill.
Baxter A. E. Engineering & Appraisal Co., Buffalo, N. Y.
General Appraisal Co., 408H Marion, Seattle, Wash.
Green Samuel M. Co. Inc., Springfield, Mass.
National Appraisal Co., 261 Franklin, Boston, Mass.
RAU APPRAISAL CO., Patton bldg., Milwaukee, Wis., & 1632 Monadnock bldg, Chicago, Ill. *See adv index at end of book*
United States Appraisals Co., 161 Summer, Boston, Mass.

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1632 Monadnock Bldg.
MILWAUKEE
Patton Building

207— Aprons (Advertising)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Hettrick Mfg. Co., Toledo, Ohio
Lewald F. & Co. (Grocers), 300 So. Wells, Chicago, Ill.

207a— Aprons (Asbestos)

Wheeler F. H. Mfg. Co., 215 W Huron, Chicago, Ill.

208—Aprons (Buggy & Carriage)

Adams E. B. & Son, Racine, Wis.
Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.
Bayles Vehicle Top & Trimming .Co (" Perfection "), Kansas City, Mo.
Buob & Scheu, 216 Webster, Cincinnati, O.
Cretors J. B. ("Superior"), St. Paris, O.
Du Pont Fabrikoid Co. (Storm), Wilmington, Del.
Hettrick Mfg. Co., Toledo, Ohio
Martin Auto Specialty Co. ("Martin"), Lancaster, O.
Monarch Carriage Goods Co., Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.
Racine General Mfg. Co. (Jobbers "Standard" Adjustable), Racine, Wis.
Safe Storm Shield Co., Fremont, O.
Sioux City Iron Co., Sioux City, Iowa
Vehicle Top & Supply Co. (Adjustable, "Comfort," "Interiap"), 3414 Lindell av, St. Louis, Mo.
Walter Bros., Dallas City, Ill.
Warner Pole & Top Co., 1648 Central av, Cincinnati, O.

209—Aprons (Canvas, Duck, Etc.)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Excelsior Bag & Mfg. Co. (Carpenters'), Troy, N. Y.
Fulton Bag & Cotton Mills (Butcher, Carpenter, Wagon, etc.), Atlanta, Ga.
Hettrick Mfg. Co., Toledo, Ohio
Imperial Mfg. Co. (Butchers', Waiters', Carpenters', Mechanics' & Waterproof, etc), Dayton, O.
Perfection Mfg. Co., 2701 Montclair, St. Louis, Mo.
Stanley Wm. W. (Canvas Waterproof), 50 Church, New York
Wheeler F. H. Mfg. Co. (Waterproof), 215 W Huron, Chicago, Ill.
Willard Mfg. Co. (Carpenters' and Mechanics'), St. Albans, Vt.

Aprons (Carpenters')

See Aprons, Canvas, Duck, Etc.

210—11 Aprons (Condenser)

Norwich Belt Mfg. Co., Norwich, Conn.

212— Aprons (Leather)

Atlantic Mfg. Co., Wilmington, Del.
California Tanning Co. ("Boss", "Dandy" Blacksmith, Lumberman, etc), 1905 Shenandoah av, St. Louis, Mo.
Coupe Wm. Co., Ltd. (Rawhide "Excelsior"), S Attleboro, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Graton & Knight Mfg. Co. (Worsted), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hudson Belting Co. ("Sheepskin"), 3 Eaton pl, Worcester, Mass.
North Chelmsford Machine & Supply & Supply Co., North Chelmsford, Mass.
Pechin Belting Co. ("None-Such"), Fairmount & Front Phila., Pa.
Turner J. S. Mfg. Co., Lowell, Mass.
Wheeler F. H. Mfg. Co., 215 W Huron, Chicago, Ill.

213-4— Aprons (Mechanics')

See also Aprons, Canvas, Duck, etc.
See also Aprons, Leather

Alligator Oil Clothing Co. ("Alligator" Waterproof Army Olive & Black), Gravois & Bingham, St. Louis, Mo.
B. E. Mfg. Co. (" Bemco "), 18 W. 18th, New York
Buckeye Tent & Awning Mfg. Co. (Canvas), 264 Spruce, Columbus, O.
Hettrick Mfg. Co., Toledo, Ohio
Imperial Mfg. Co. (Muslin & Duck), Dayton, O.
Specialty Mfg. Co. (Heavy Duck), 2362 University av, St. Paul, Minn.
Troy Carriage Sun Shade Co. (Duck & Twill Carpenters' & Workmen's), Troy, O.

Aprons (Mill)

See Aprons, Rubber

215— Aprons (Rain)

Imperial Mfg. Co., Dayton, O.
Kroh C. Z. Mfg. Co., Toledo, O.
Riley John F. Fndry. & Mach. Co., Charleston, S. C.
Springfield Auto Top & Upholstering Co., Springfield, Mass.

216— Aprons (Rubber)

Beyerle J. J. Mfg. Co., 81 S 5th, Brooklyn, N. Y.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Davol Rubber Co. ("Baxter" Cloth Lined), 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Home Rubber Co. (For Fourdrinier Paper Machines), Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Snyder M. L. & Son, 223 Church, Phila., Pa.
Stern Specialty Co. ("Utility"), 40 E. 22d, New York

Aqua Fortis

See Acid, Nitric

216a— *Aquamarines

DIAMOND DRILL CARBON CO., 59 Park Row, New York

217— Aquariums (Glass)

Co-Operative Flint Glass Co., Beaver Falls, Pa.
Fiske J. W. Iron Works (Glass & Iron), 111 Park pl, New York.

218—Arbors (Chuck, Lathe, Milling Machine, Etc.)

Alert Tool Co. ("Alert"), 237 N 6th, Phila., Pa.
American Pneumatic Chuck Co. ("American" Operated), 9 S Clinton, Chicago, Ill.
Braunsdorf-Mueller Co. (Lathe), Elizabeth, N. J.
Brown & Sharpe Mfg. Co. (Milling Mch.), Providence, R. I.
Clark-Mesker Co., 18511 Euclid av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cochrane-Bly Co. (Milling Mch), Rochester, N. Y.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Garvin Machine Co. (Milling Mch), 147 Varick, New York
Jacobs Mfg. Co. (For "Jabs" Drill Chucks), 894 Park, Hartford, Conn.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Tool Co. (Screw), Madison av & L. S. & M. S. Ry., Cleveland, O. *See adv index at end of book*
National Twist Drill & Tool Co., Detroit, Mich.
New Britain Tool & Mfg. Co., New Britain, Conn.
Nielson-Barton Chuck Co., 106 So. Jefferson, Chicago, Ill. *See adv index at end of book*
Pratt Chuck Co., Frankfurt, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Skinner Chuck Co., New Britain, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Union Twist Drill Co. (Lathe, Milling Machine, etc), Athol, Mass.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

219— Arbors (Saw)

See also Mandrels, Saw

Alert Tool Co., 237 N 6th, Phila., Pa.
American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Atkins, E. C. & Co., Indianapolis, Ind.
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Camden Forge Co., Camden, N. J.
Chase Turbine Mfg. Co., Orange, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Crucible Steel Co. of America ("La Belle" Steel), Oliver bldg, Pittsburgh, Pa.
Deane Machine Co., Fitchburg, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.
Erie Forge Co., Erie, Pa.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Goodell-Pratt Co., Greenfield, Mass.
Hall & Brown Woodworking Machine Co., 1929-33 N Bway, St. Louis, Mo.
Hemingway Machine Co., Lynn, Mass.
National Woodworking Machine Co., Dover, N. H.
Ohlen Bishop, 931 Factory, Columbus, O.
Pollak Steel Co., Cincinnati, O.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Southern Saw Works, East Point, Ga.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wright Chas. E. Co., Kenilworth, N. J.

220— Arbors (Shell Reamer)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Gisholt Machine Co., Madison, Wis.
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

221-2—Arc Deflectors & Controller Linings

Rutherford J. & Son ("Star" Deflector), Akron, O.

223 *Archil

Innis Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Sergeant E. M. Co., 15 E 26th, New York *See adv index at end of book*

Arc Lamp Cord

See Cords, Trolley, Arc Lamp & Bell

Arches (Boiler)

See Brick, Boiler Arch

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224— Architects

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King & Burham, Jefferson Co. Bk bldg.
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Rayfield W. A. & Co., 105 1st av S
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Rogers Geo. B., Van Antwerp bldg
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Lockwood Frank, 121 Adams
Okel & Cooper, Vandiver bldg
Smith & Carter, 21 Dexter av
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Hart Frank J. W.
Horn J. G.
JONESBORO—Mitchell T. Edison
LITTLE ROCK—Almand John Parks
Blaisdell Frank M.
Bliss J. H.
Dill Wm.
Ferrell C. A.
Gibb, Frank W. & Co.
Mann & Stern
Sanders & Ginocchio.
Thompson & Harding
Watts Charles
PINE BLUFF—Selligman Mitchell
TEXARKANA—Moore Stewart
Witt, Seibert & Co.

CALIFORNIA.

ALAMEDA—Stenbiht Arthur
BAKERSFIELD—Biggar C. H.
Clark O. L.
Saffell J. M.
Wiseman T. B.
BERKELEY—Allen Harris Campbell, 2514 Hillegass av
Anderson Geo., 6046 Lawton av
Arnold Samuel, 2996 Adeline
Martin Eugene K., 2192 Shattuck av
Plackek Jas. W., Acheson bldg
Ratcliff W. H., Jr., 1st Nat'l Bank bldg
Thomas Jno. Hudson, 1st Nat'l Bank bldg
BISHOP—Clements G. C.
CHICO—Bryan A. J.
Cole Chester
CHULA VISTA—Fill S. M.
CORONA—Kroonen Leo (& Builder)
EUREKA—Ackerman Newton
Burke E. J.
Georgeson F. T.
FRESNO—Coates & Traver, Rowell bldg
Glass & Butner, Cory bldg.
Hotchkin R. B., Rowell bldg
Kump E. J., Rowell bldg
Mathewson E., Cory bldg
Starbuck H. F., Rowell bldg
Swartz & Ryland (& Structural Mgrs.), Rowell bldg
FULTON—Shriver J. B. (& Builder)
LONG BEACH—Austin W. H.
Kahrs G. W.
Lindsay F. L.
Lochridge H. H.
LOS ANGELES—Abramovich, Davis, 130 S. B'way.
Albright Harrison, Laughlin bldg
Allison & Allison, Hibernian bldg
Architectural & Eng. Co., Story bldg.
Austin J. C., 412 W 6th
Barber, Wm., Story bldg.
Barker, N. D., 206 S. Spring.
Benton, Arthur B., 114 N. Spring.
Bergstrom, Edwin, Cit. Nat. Bank bldg
Bixby, B. B., Union Oil bldg.
Bloser B. J., Cons. Realty bldg
Borgmeyer Edw. J., Stimson bldg
Bowles, Harry, Marsh Stg. bldg.
Brown, F. A., 756 S. B'dway.
Burck, Lawrence, Contr. Co., 327 S. Hill.
Cline, Edgar H., Douglas bldg.
Cooper J. M. & W. D., Marsh-Strong bldg
Cross, Harold, Mer. Nat. Bk. bldg.
Curlett W. & Son, 548 S. Spring
Davis F., Pierpont & Walters, Exchange bldg
Davis, W. S., 3215 W. 6th.
De Luxe Bldg. Co., 333 W 2nd
Dodd W. J. & Richards, Wm., 520 W 7th
Dorn, F. R., 112 W 9th.
Douglas, J. M., 6392 Hollywood Blvd.
Dudley, A., 218 S. B'dway.
Durr, Wm., 269 W. 6th.
Edelman & Barnett, 356 S. Spring
Eisen, Theo. A., Wilcox bldg.
Eldredge, Geo. W., Western Mutual bldg.
Eliot Construction Co., 205 S. B'dway.
Farquhar, Robt. D., Sec. Bldg.
Farrell, R. C., 124 W. 4th.
Finkenbinder C. E., 610 S B'way
Fitzhugh Thornton (& Engineer), Story bldg
Frauenfelder J. J., 610 S B'way
Fritz, Hasenburger, 130 S. B'dway.
Garrett, W. S., 126 W. 3rd.
Glidden, Homer W., Story bldg.
Grant, Jas., 1157 N. Mariposa av.
Grey Elmer, Wright & Callender bldg
Harris, R., 129 W. 2nd.
Hartman, R. F., 6777 Hollywood blvd.
Hasselman, F. R., 4205 W. 6th.
Hedrick Bros., 207 S. B'dway.
Heineman Arthur S., San Fernando bldg
Hesse, A. T., 756 S. B'way.
Hewitt Harwood, Van Nuys bldg
Holbrook R., Story bldg
Hollwadel, Henry C., 1819 S. Manhattan pl.
Howard G. A., Jr., 610 S B'way
Howard, Herbert C., B'dway Central bldg.
Hudson & Munsell, Stimson bldg
Hunt & Burns, Laughlin bldg
Hunt Myron, Hibernian bldg
Hurdson, Frank D., Stimson bldg.
Jay, C. L., 6777 Hollywood blvd.
Jewell, Thos., 3113 Dalton av.
Jeffrey & Schaefer, 560 S. Main.
Keim T. B., Haas bldg
Kelly A. R., Story bldg
Kieffer, R. J., 610 S. B'way.
King, R. D., Van Nuys bldg
Klung, H. G., 160 S. Virgil av.
Krempel & Erkle, Bradbury bldg.
Krueger, C. A., 610 S. B'way.
Kunst, J. E., 108 W. 2nd.
Kysor Chas. H., Union Tr bldg
Lindley Arthur G., Wright-Call bldg
Loeck, Dorothy F., Mrs., 1542 N. St. Andrews pl.
Long, N. O., 108 W. 2nd.
Lumbermen's Service Ass'n., 326 W. 3rd.
Marsh Norman F., B'way Central bldg
Marston, Mott M., Story bldg.
Martin A. C., Higgins bldg
Martin, M. P., 206 S. Spring.
Mayberry Edw. L., Pac. Elec. bldg
Montgomery & Nibecker, Story bldg.
Morgan, Walls & Morgan, Van Nuys bldg
Munsell, W. A. O., Stimson bldg.
Munson, A. C., 307 S. Hill.
Noerenberg & Johnson, 1060 S. B'way.
Norton, F. J., 530 S. Grand av.
Nourse, Clinton, 405 S. Hill.
Noyes, F. A. Jr., 129 W. 2nd.
Orr Robt. H., Van Nuys bldg
Pape P. C., Consolidated Realty bldg
Pardee, G. M., 4417 Prospect av.
Parker Llewellyn, P. E. bldg
Parkinson John, 420 Title Insurance bldg
Patterson H. M., O. T. Johnson bldg
Pierce Harry L., Wright-Call bldg
Plummer Chas. F., Story bldg
Power T. F., Higgins bldg
Priest A. F., 326 W 3d
Rea & Garstang, 215 W 6th
Reif, Anton, 5134 Sunset blvd.
Rittenhouse C. C., Wilcox bldg
Rosenthal A. B., 126 W 3d
Russell C. H., Story bldg
Rust, E. B., Black bldg.
Saunders W. J., Laughlin bldg
Seehorn, J. H., 328 Clay
Shattuck C. E., Mason bldg
Shipman, Marcus, 112 W. 9th.
Skilling, C. F., Bradbury bldg.
Smith, John C., H. W. Heller bldg.
Soper F. J., 610 S B'way
Spink C. R., 6751 Hollywood
Squire, Lester J., 432 Douglas bldg.
Stibolt, A. H., Story bldg.
Stillwell E. W. & Co., Henne bldg
Sturges, R. B., Co., 219 S. Western av.
Sweet, Edw. E., Designing & Bldg. Co. 1158 Kenmore.
Taylor, E. C., 307 W. 8th.
Thorne, Edwin C., 321 W 3d
Tobey Curtiss, Security bldg.
Train & Williams, Exchange bldg
Tyler Frank M., Hiberian bldg
Valk, L. B., 129 W. 3rd.
Van Rensselaer, O. H., 908 W. 66th
Wagner, C. D., 219 W. 7th.
Walker & Eisen, 510 W. 6th.
Warner, O. M., 129 W. 3rd.
Weathers, E. G., 1931 La Salle av.
Webber, Walter, Bibernian bldg.
Weeks & Day, 311½ S. Spring
Welch, Max J., 321 S. Olive
Wilding, J. T., 5125 S. Normandie av.
Wilson, Henry L., Byrne bldg.
Winslow Carleton Monroe, Van Nuys bldg
Withey Henry F., 321 W 3d
Witmer & Watson, Wm. & Call bldg.
Woodruff, S. H., 269 S. Larchmont blvd.
Woolett, W. L., 405 S. Hill.
Wright, E. L., 315 S. B'way.
Wright, L., 315 S. B'way.
Zeller J. T., Currier bldg
MERCED—Cowell & Bedeson
MODESTO—Mourot Julien, 812 15th
NAPA—Corlett W. H. (& bldr)
Turton L. M.
OAKLAND—Allen Harris, Central Bank bldg
Barton C. B., 1st Trust & S. B. bldg
Bolkrer J. Henry, Thomas bldg
Burrell Clay N., Albany bldg
Cannon E. W., Central Bk bldg
Dickey C. W., 312 Oakland, bk. of Savings bldg
Donovan, John Jos., 414 13th
Judson W. H., 1121 Washington
McCall C. W., Central Bank bldg
McCrea G. E., 1st National Bank bldg
Mathews W. J., 927 B'way
Mau Chas., Macdonough bldg
Miller Chester H., 1st Sav. Bk bldg
Milwain, W. E., Albany bldg
Newsom J. Cather, 1422 B'way
Ratcliffe, W. H. Jr., Berkely bldg
Reed & Corlett, Oak. Bk of Sav
Reid Francis W., 1725 6th av
Schetzel M. P., Blake & Moffit bldg
Schirmer Bugbee & Co., 577 14th
Smith A. W., 1004 B'way
Soderberg Fred, 1st Natl Bk bldg
Thomas, Wm. B., 402 Grand av
Voornees F. D., Central Bank bldg
Wilde Wm., 1725 B'way
Woollett John W., 1st National Bank bldg
Wythe W. J., Central Bank bldg
ORANGE—Bradshaw C. B.
PASADENA—Bennett, J. Cyril
Blick Jos. J.
Buchanan & Brockway
Driscoll Chas. F.
Frohman & Martin
Greene & Greene
Greene Henry M.
Hobbs Raymond
Hodson Garvin
Johnson Reginald D.
Kennedy, F. H. Jr.
Marston & Van Pelt
Millar Louis du P.
Palmer F. E.
PETALUMA—Jones Brainerd
POMONA—Higgs P. F.
Wolfe Chas. E.
PORTERVILLE—Griffin F. W.
Remmel B. E.
REDLANDS—Harris F. T.
Willard Daniel W.
RICHMOND—Claudius Chas. W.
Narbett J. F.
RIVERSIDE—Pillar S. L.
Waldman L. C.
SACRAMENTO—Campbell Alden W., 34th J
Cuff C. C., Ochsner bldg
Foale F. A. S., Ochsner bldg
Hemmings E. C., 1203 J
Herold P. J., Forum bldg
Herold R. A., Forum bldg
McCullough Jas. A., 1631 M
McDougall George B., 1416 11th
Schardin F. H., 911 O
Seadler Jas., Forum bldg
Sellon Geo. C., 1005 8th
Woollett & Woollett, 1003 K
SAN BERNARDINO—Belmer Anthony
Bruner, C. C.
Griggs G. W.
Harris F. T., 206 Katz bldg
SAN DIEGO — Albright Harrison, 121 B'way
Alderson Roy, 1131 11th
Allen F. P., Jr., Watts bldg
Douglas & Hartman, Timken bldg
Gay Henry Lord, McNeece bldg
Jefferson & Thomas, 1146 11th
Johnson W. Templeton, Timken bldg
Kistner Theodore C., Am. Nat'l Bank bldg
Mead & Requa, 6th & B
Quayle Bros. & Cressey, Spreckels bldg
Weaver E. B., 500 26th
Wheeler W. H., Spreckles bldg
SAN FRANCISCO—Allen Glenn, 216 Eddy
Applegarth G. A., Claus Spreckels bldg
Appleton A., 1st Nat Bank bldg
Bakewell & Brown, 251 Kearney
Barth Herman, Phelan bldg
Baumann H. C., 251 Kearney
Bertz E. B., 68 Post
Beuttler John F., 110 Sutter
Blaisdell Nathaniel, 255 California
Bliss & Faville, Balboa bldg
Boese Frederick D., Call bldg
Bolles Edw. G., 233 Post
Branner John K., 251 Kearney
Bruce Morris M., Flood bldg
Bryant L. A., 369 Pine
Bugbee Arthur S., Sharon bldg
Burgren Albert W., 30 Woodland av
Cantin A. A., 68 Post
Carey Jno. W., Mer. Nat'l B'k bldg
Cauldwell A., 251 Kearny
Clausen Chas. O., Hearst bldg
Coffey Alfred I., Humboldt Bk. bldg
Comfort G. E., Chronicle bldg
Cornelius A. W., Merchants National Bank bldg
Cotton & Co., Inc., Call bldg
Coulter Norman R., 46 Kearney
Coxhead & Coxhead, Hearst bldg
Crim W. H. Jr., 425 Kearney

CALIFORNIA—San Francisco—continued
Cunningham & Politeo, First National Bank bldg
Curlett Wm. & Son, Phelan bldg
Dalton V. N., Foxcroft bldg
Denke E. H., 1317 Hyde
Devlin Chas J. I., Pacific bldg
Devlin Leo J., Pacific bldg
Dickie Jas., 112 Market
Dolliver J. W., 201 Sansome
Donnellan J. J., Chronicle bldg
Dunn Jas F., 760 Market
Edwards Thos. M., 833 Market
Evans Oscar E. & Co., 2569 Mission
Faber & Thayer, 110 Sutter
Fairweather J. Stewart, Balboa bldg
Falch W. C., Hearst bldg
Fantoni Chas., 550 Montgomery
Farr Albert, 68 Post
Faville William B., Balboa bldg
Foulkes Edw. T., Crocker bldg
Freeman J. Eugene, Kohl bldg
Glass & Butner, Hearst bldg
Gottschalk Chas E., Phelan bldg
Gutterson Henry H., 278 Post
Haenke J. M., Chronicle bldg
Hays Wm. C., First Nat. Bk. bldg
Headman Aug. G., New Call bldg
Heimann S., 57 Post
Hildebrand E. H., 68 Post
Hladik J. C., Monadnock bldg
Hobart Lewis P., Crocker bldg
Howard Geo. H., Lick bldg
Howard Jno. G., 1st Nat Bank bldg
Hyman S. L., Crocker bldg
Jacobs Alfred Henry, 110 Sutter
Jewett Grace, 57 Post
Johnson C. R., Humboldt Bank bldg
Joseph B. J., 74 New Montgomery
Kaiser Chas. S., Mech. Inst. bldg
Kelham Geo. W., Sharon bldg
Knoll A. H., Hearst bldg
Krafft & Sons, Phelan bldg
Lansburgh G. Albert, 709 Mission
Lapachet A. L., 110 Sutter
Lenzen Theo. W., Humboldt Bank bldg
Lofquist Jno. O., 742 Market
McDonald Kenneth, 742 Market
McDougall Benj. G., 381 Bush
Magee, J. A., Phelan bldg
Masten C. F., 68 Post
Mastropasqua Louis, 580 Washington
Mathews Edgar A., Call bldg
Maybeck, Howard & White, Lick bldg
Meussdorffer Conrad A., Humboldt Bank bldg
Meyer Fred H., 742 Market
Meyers Henry H., Kohl bldg
Miller C. H., Call bldg
Miller J. R., Lick bldg
Miller, W. J., 417 Market
Minton Henry A., 244 Kearney
Mooser Wm., Nevada Bank bldg
Morgan Julia (Miss), Merchants' Ex. bldg
Morrow & Garren, Chronicle bldg
Muessdorffer C. A., Humboldt Bk bldg
Mulligardt Louis C., Chronicle bldg
Neumarkel E. A., 1566 O'Farrell
Newman W. A., 7th & Mission
Newsom Sidney B. & Noble, Nevada Bank bldg
Norberg E. L., 742 Market
Nordin August, Mills bldg
O'Brien Bros., 240 Montgomery
O'Brien Matthew, Foxcroft bldg
O'Brien Smith, 742 Market
Osborn Harris, Hearst bldg
Osborne E. J., Balboa bldg
Patterson Daniel J., 46 Kearny
Pattiani A. W., 625 Market
Perry W. C., 260 California
Porparato Jno. A., 619 Washington
Powers Jno. H., 1st Nat Bank bldg
Raiguel W. O., 1st Nat Bank bldg
Rankin J. J., 1st Nat Bank bldg
Reid Bros., 105 Montgomery
Reid Jno. Jr., 1st Nat. Bk. bldg
Righetti P., Phelan bldg
Robertson J., 24 California
Rogers Chas. E. J., Phelan bldg
Ross Thos. Patterson, 310 California
Rousseau A. F. & C. M., 110 Sutter
Rowell & Collins, Spreckles bldg
Rushforth George, 354 Pine
Sawyer Houghton, Hearst bldg
Schastey Geo. A., 681 Market
Schnaittacher Sylvan, 233 Post
Scholz Arthur G., Phelan bldg
Schroepfer Albert, Nevada Bank bldg
Schwartz M. I., 14 Montgomery
Scott Earl B., Humboldt Bank bldg
Sexton Norman W., 454 California
Shea & Lofquist, 742 Market
Shea Wm. D., 244 Kearny
Sheldon, M. A., 110 Sutter
Shermund Henry, Hearst bldg
Simpson Horace G., French Bank bldg
Smith Henry C., 755 Market
Stahlberg G., 544 Market
State Board of Architects, Phelan bldg
Stewart J. L., 703 Market
Sumner C. K., 57 Post
Tantau Clarence A., 251 Kearny
Thayer O. R., 110 Sutter
Topeke Will H., 924 Market
Traphagen O. G., 244 California
Upton Louis M., 452 Montgomery
Ward Clarence R., 454 California
Weeks Chas Peter, Phelan bldg
Weeks Wm. H., 75 Post
Welsh & Carey, Merchants National Bank bldg
Werner Carl, Humboldt Bank bldg
Whittlesey Charles F., Haight & Clayton
Wilde Wm., 14 Montgomery
Winner H. H. Co., Humboldt Bk bldg
Wright & Rushforth, 354 Pine
Young Edw. E., 251 Kearny
Zanolini Italo, 604 Montgomery
SAN JOSE—Binder & Binder, 255½ S 1st
Lenzen Louis T., 110 S 2d
McKenzie Charles S., Bank of San Jose bldg
Page Geo. W., Rea bldg
Phillips W. C., 163 N 13th
Skillings Warren, Garden City Bank bldg
Wolfe & Higgins, Auzerais bldg
SAN RAFAEL—Schlosser Henry
SANTA ANA—Eley Frederick H.
DeSnell, George E., 1923 Delawana.
SANTA BARBARA—De Snell, George E., 19-3 Delaware
Soule Winsor, 1206 Staten Island
Wilson Francis W.
SANTA CLARA—Higgins Wm. E.
SANTA CRUZ—Van Cleeck E. L.
SANTA MONICA—Cross C. C. & Son
SANTA ROSA—Cowles Louis
STOCKTON—Allen Glenn
Brown E. B.
King Walter
Losekann Joseph
Morrell R. P.
Sala Peter
Stone & Wright, S. J. Val Bank bldg
Warner Franklyn E., Belding bldg
Wright W. J.
Young & Jeffery
UPLAND—Greenleaf E. T.
VALLEJO—Jones W. A.
VISALIA—Weaver Morve L.

COLORADO.

BOULDER—Holmes, David H.
Saunders, Arthur E.
COLORADO SPRINGS—Barber, T. P., 1st Nat'l Bank bldg
McLaren & Hetherington, Hagerman bldg
Thomas C. E., Hagerman bldg
DENVER—Baerresen V. E., Cham. Comm. bldg
Benedict J. B., 1669 B'way
Bettcher George L., Empire bldg
Bowman W. N., Central Savings Bank
Child W. T., Evans blk
Cowe Wm., 1420 Humboldt
Desjardins Co., 117 York
Edbrooke H. W. J., Opera House blk
Edwards W. Harry, Denham bldg
Fallis M. S. Architect Co., Ideal bldg
Fisher, Wm. E., & Arthur, United States National bldg.
Gardner & Parry, Guardian Trust bldg
Gates Charles M., Ideal bldg
Gove Aaron M., Boston bldg
Groves Eugene G., A. C. Foster bldg
Harnois F. Louis, 100 E 16th av
Hoyt, H. M., Colorado National Bank bldg.
Huddart John J., Bank blk
Huntington G. W. Architect Co., McPhee bldg
Manning Harry J., Majestic bldg
Marean & Norton, Ch. of Com. bldg
Mountjoy & Frewen, Ch. of Com. bldg
Phillips Richard, Jacobson bldg
Pierce R. A., 830 18th
Redding Wm. & Son, Opera Hse bldg
Roeschlaub & Fuller, Foster bldg
Varian & Varian, Gas & Elec. bldg
Walsh, Thomas F., Boston bldg.
Williamson Geo. H., Majestic bldg
Willison Robert, 200 Enterprise bldg
Wilson & Wilson, Commonwealth bldg.
ESTES PARK—Rogers H. C.
FORT COLLINS—Fuller M. W.
GRAND JUNCTION—Jenkins, Branscombe & Romberg (& Engineers)
LONGMONT—Viney B. C.
MONTROSE—Antrobus John H.
NEW WINDSOR—Felmlee Oscar R.
PUEBLO—Cooper Francis W.
Gile J. M.
Roe Geo. W.
Stickney W. W.
TRINIDAD—Rapp I. H. & W. M. & Hendrickson A. C.

CONNECTICUT.

BRIDGEPORT—Asheim Leonard, 211 State
Beckwith F. H., P. O. Arcade
Caldwell Edward B. Jr., First Bridgeport Bk. bldg
Cooper F. A., Conn. Nat'l Bank bldg
Davis & Dane, 1024 Main
Dixon, Fred J., 1188 Main.
Fletcher-Thompson, Inc., 1089 Broad
Green, Samuel M., Co. Stearns bldg.
Koerner, Harry E., 164 State.
Mallett, Geo. A., Co., 95 Catherine
Northrop Jos. W., Court Ex. bldg
Pedersen, P. Lavard, 2773 Main.
Pratt & Mitton, 886 Main.
Schmidt William 1188 Main
Shiner & Appel, Ch. of Com. bldg. bldg.
Skinner Walter J., 1188 Main
Southey, Ernest G., 983 Broad.
Vannucci, Joseph L., 1024 Main.
Walker C. W., First Nat'l Bank bldg
BRISTOL—Sperry & Buell
Stewart C. W.
DANBURY—Blackman W. B.
Foster Bros. (& Builders)
Larson, Nils, 13 Crosby.
O'Dell, Edw. C., 29 James.
Rowe, Frank E., 81 White.
Sunderland & Watson
DERBY—Reilly Dennis E.
EAST HADDAM—Morgan Geo. W.
GREENWICH—Anthony Daniel
Smith F. G. C.
HARTFORD—Allen Isaac A., Jr., 904 Main
Barker Russell F., 43 Ann
Berenson & Moses, 1026 Main
Brooks W. F., cor Lewis & Gold
Clark Burton S., 747 Main
Ellis A. Raymond, 36 Pearl
Guerriero Daniel A., 647 Main
Johnson, W. D., 174 Bond
Luce Cortlandt F., 36 Pearl
Marchant Wm. T., 36 Pearl
Marchetti J. E., 756 Main
Sellew B. A., 756 Main
Smith & Bassette, 36 Pearl
Walz F. C., 118 Asylum
Waterman Francis E., 36 Pearl
Whitmore Chas. O., 75 Pratt
Whiton & McMahon, 36 Pearl
Wiley Edw. T., 75 Pratt
Zunner Geo., 756 Main
MERIDEN—Bloomfield David
Donovan Walter A.
McLaughlin Wm. F.
Orr & Booth
MIDDLETOWN—Griswold Geo.
Kieft Charles, 9 Pike pl
MYSTIC—Rathbone John S.
NAUGATUCK—Clark F. Alton
NEW BRITAIN—Crabtree Walter P.
McCarthy John J.
Oldershaw, F. H.
Oldershaw L. A.
Palmer & Ludorf
Perry, Delbert K.
Sundstrom, David L.
Unkelback, Max J.
NEW CANAAN—Elwood Robt.
NEW HAVEN—Allen Wm. H., 82 Church
Abramowitz, Chas. H., 42 Church
Bariffi, Martin, 746 Chapel
Brown & Von Beren, 185 Church
Cannici, Harry S., 42 Church
Coe, Ernest F., Edgewood av.
Della, Valle & Vece, 865 Chapel
Fabian Robert W., 147 Bradley
Foote R. W., 185 Church
Goff, Louis J., Jr., 20 Lettney pl.
Gray, Geo. H., 867 Prospect
Joy Chas. E., 185 Church
Nichols Geo., 34 Lynwood pl.
Norton & Townsend, 839 Chapel
Orr & Del Grella, 956 Chapel
Palmer C. S., 114 Whitney av
Robinson Leoni W., 42 Church
Schulz Carl, 67 Gregory
Sellers Philip (Mill Arch. & Engr.), 207 Orange
Shiner & Appel, 185 Church
Smith, Dwight E., 152 Temple
Townsend C. F., 129 Church
Weinstein Jacob, 6 Church
Williams Richard, 185 Church
NEW LONDON— Conway L. Eugene
Bilderbeck & Langdon, Inc., 253 State
Donnelly D. St. C.
Goddard, Louis H., 86 State
Meisner, Geo., 56 State
Payne E. Griswold
Sweeney James
NEW MILFORD—Rowe Frank E.
NORWALK—(See South Norwalk)
NORWICH—Cudworth & Thompson
Hiscox Jas. A.
PUTNAM—Corbin E. M.
RIVERSIDE—Morse Geo. L.
ROCKVILLE—McCray J. Henry
SOUTH NORWALK—Hoyt Dudley E.
Maring Herman
Mather, Harry W., 94 Washington,
Minor Henry B.
Paddock A. N.
STAFFORD SPRINGS—Tinker, Clifford A.
STAMFORD—Anderson Clais
Buther & Provost, 292 Main
Freeman, Geo. A., 292 Main
Emmens & Abbott
Wohlpart, Adolph, 292 Main
TORRINGTON—Hunt, Wm. E.
Rocheter Theodore Arnold
Waterbury Edwin H.
WALLINGFORD—Becroft Wm. E.
WATERBURY—Bailey Chas. J., 63 Bank
Benedict E. E., 51 Leavenworth
Freney & Jackson, 51 Leavenworth
Green, Samuel M., Co., 293 Bridge
Peck Theo. B., 65 Bank
Preston, Charles H., Jr., 144 Bank
Smith Joseph T., 36 N Main
Tyler Clayton A., 95 Bank
Walsh Louis A., 51 Leavenworth
Webster, Fred F., 51 ... Main
WEST HAVEN—Richards B. F., 65 Main
WILLIMANTIC—Sharpe A. R.

DELAWARE.

DOVER—Hirons J. A.
GEORGETOWN—Jones Charles R.
WILMINGTON—Brinckloe & Co., 5th & Shipley
Brown & Whiteside, Du Pont bldg
Cloud Newton H., 2627 W 18th
Hanse Wallace E., 204 W 24th
Kennedy John J., Ford bldg
May Edward C., Du Pont bldg
Rhodes A. Edward, Masonic Temple
Rice Edw. L. Jr. Co., 815 Market
Rogers Laussat R., 911 Market
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Hotton, B. J., 1113 Drummond pl
Hubbard, Archie H., 38 S Dearborn
Hubbard, Bert Charles, 79 E Adams
Huber Julius H., 6712 N Clark
Hughes, Andrew F., 7012 Eggleston av
Hulla John, 140 S Dearborn
Hunt, Jarvis, 30 N Michigan av
Hussander, Arthur F., 646 S Clark
Huston, Sanford K., Jr., 5468 Woodlawn
Hyett, Robert L., 5008 Forrestville av
Hyde Robt. M., 8 S Dearborn
Hyland Paul V., 29 S La Salle
Ingalls, Arthur R., 7207 Yale av
Isensee, Frederic M., 6417 Minerva av
Jacobs Arthur, 128 N La Salle
Jeckel, Philip F., 569 Arlington
Jenkins Austin D., 6 N Michigan av
Jensen, Clarence A., 2637 N Kedvale av
Jensen Elmer C., New York Life bldg
Jensen, Jens J., 4815 N Lawndale av
Jillson, B. H., 9111 S Robey
Jobson C. Frank, Pullman bldg.
Johnson, Carl J., 5135 Bernard
Johnson, Oscar, 4937 N Talman av
Johnston, Wm. K., 6805 Yale av
Johnstone, Percy T., 1254 Pratt blvd
Johuck, Frederick, 122 S Michigan av
Jones Wm. C., 30 N La Salle
Joy S., 2001 W 39th
Kallal, Chas. W., City Hall
Kallenbach, Henry, Jr., 3428 N Hamilton av
Kane, Robt. L., 6643 Stewart av
Keeder, C. H., 109 N Dearborn
Kellogg Alfred K., 6 N Clark
Kilroy, John G., 4435 Indiana av
Kingsley George S., 109 N Dearborn
Klafter David Saul, 64 W Randolph
Klamt, Edward A., 304 S Wabash av
Klein, Wm. J., 111 W Washington
Klewer, Arthur, 4507 Dover
Knapp Geo. A., 64 E Van Buren
Knox Arthur Howell, 14 W Washingt'n
Knudsen, Johan F., 5122 Hutchinson
Kocher, Jacques, 806 W 79th
Koenig, Fred, 2252 Clifton av
Koenigsberg, Nathan, 8 S Dearborn
Kohfeldt Walter G., 64 E Van Buren
Koll, Henry C., 2155 Elston av
Kopp, Jas. D., 154 W Randolph
Koster, John L., 6243 Ingleside av
Kramer, Wm. F., 64 E Van Buren
Krieg, Wm. G., 111 W Washington
Krause Edmund R., 22 W Monroe
Kuehne Carl Oscar, 1572 N Halsted
Kupfer Otto A., 1865 Millard av
Kurzon, Bernard R., 5845 N Clark
Lagergren, Gustav P., 7708 S Hermitage av
Laist, Theodore F., 910 S Michigan av
Lampe W. C., 155 N Clark
Land, Herbert Henry, 5410 Cortez av
Lang Albert, 7 W Madison
Langille, Lomis E., 1657 Juneway tr.
Larmon, Philip, care of Libby, McNiel & Libby, U. S. Yards
Lautz, Wm. H., 64 E Van Buren
Lawrence A. J., 123 W Madison
Laver, Robt., 19 N La Salle
Lehle Louis, 3810 B'way
Lenske, Chas. H., 3755 Irving Park blvd
Leviton Morton, 53 W Jackson blvd
Levy, Alex. L., 111 Washington
Lewis, Jacob, 5712 Indiana av
Lewis, LeRoy, Jr., 104 S Michigan av
Liedberg Hugo J., 154 W Randolph
Llewellyn Jos. C., First Nat. Bk. bldg.
Llewellyn Ralph C., First Nat. Bk. bldg
Lindstrand, John A., 800 N Clark
Lindstrom, R. S., 175 W Jackson blvd
Liska, Chas. O., 9601 Prospect av
Liska, Emil, 9601 Prospect av
Loewenberg, Israel S., 29 S La Salle
Lonek, Adolph, 1867 S Avers av
Lorenc, Joseph A., 6712 Imlay
Lovdall, Geo. F., 25 N Dearborn
Lovell Sidney, 30 N Michigan av
Lowell, McDonald, 30 N Michigan av
Lowe, Elmer C., 108 S La Salle
Ludgin Jos. G., 53 W Jackson blvd
Luebkert, Otto, 643 Wellington av
Lund Anders G., 453 W 63d
McArthur Albert C., 39 W Adams
McCarthy Jos. W., 139 N Clark
McClellan, Edward G., 7439 Cottage Grove av
McConley, Chas. H., 418 St. James pl
McDonald Luther W., 849 E 73d
McDougall, Walter A., 7006 Smith Park pl
McGarick, J. P., 1036 E 46th
McGrath, Paul J., 845 Lakeside pl
McLane, Cyrus D., 127 N Dearborn
McLaren R. J., 37 W Van Buren
McLaughlin, Daniel F., 7251 Oglesby
McMurray, Oscar L., 1710 W 104th
MacBride E. E., 64 E Van Buren
MacBride, Owen Earl, 5637 Drexel av
Mahaffey David, 118 N La Salle
Maher, Geo. W., 157 E Erie
Maker, Harry E., 6611 Minerva av
Malwurm, Arthur B., 82 W Washington
Mallinger John, 3626 Racine
Mann Wm. D., Ashland Blk., Austin Sta
Marley, Joseph J., 2959 W 39th
Marienthal, Oscar B., 304 S Wabash av
Marshall, Benj. H., 721 N Michigan
Martin Edgar, 104 S Michigan av
Martin, Edwin D., 5 N La Salle
Martini E. A., 155 N Clark
Marx Samuel A., 175 W Jackson blvd
Matteson, Victor Andree, 944 Leland av
Maurer, Wm., 2426 Augusta
Mayer, Carl H., 1455 Balmoral av
Mayo Ernest A., 53 W Jackson blvd
Meldahl Jens J., 104 S Michigan av
Meles, Edmund J., 1048 N Springfield av
Meredith, Davis D., 431 S Dearborn
Meyer Frederick H., 30 N Dearborn
Michaelsen, Christian S., 80 E Jackson blvd
Miller Clyde, 112 W Adams
Miller, Grant C., 6 N Michingan av
Miller, John W., 1650 Carmen av
Miller Jos. A., Ashland blk
Miller, Lee, 109 N Dearborn
Miller, Walter F., 46th & Packer av
Miller Wm C., 204 N Karlov av
Minchin Sidney H., 140 S Dearborn
Mohr, Frederick J., 1012 N Dearborn
Monaco, Armand R., 168 N Michigan av
Morehouse Merrit J., 343 S Dearborn
Morey, Arthur G., 4421 N Clark
Morgan Chas. L., 116 S Michigan av
Morrison J. R., 20 W. Jackson blvd
Morphett, Archibald S., 6018 Harper av
Morrow, Archibald Wm., 53 W Jackson blvd
Morse, Harry Leon, 2639 W Potomac av
Mosher, E. Bradford, 5830 Harper av
Mrazek, Joseph M., 1239 S Tripp av
Mueller, Carl Oscar, 752 Buena av
Mueller, Herbert E., 3715 Rokeby
Mulder, Herman A., 6108 Greenwood av
Mullay, Thos. H., 550 Surf
Mundie, Wm. Bryce, 39 S La Salle
Nadherny Jos. J., 38 S Dearborn
Nathan, M. O., 30 N La Salle
Neebee, John, 2522 Aubert av
Nelson, Edward O., 39 S La Salle
Nelson, Melville A., 2612 Eastwood av
Nettenstrom, Joel W., 2425 Canton
New, Matthew, 2514 E 91st
Newberry Robert Thorne, 108 S La Salle
Newhouse Henry L., 4630 Prairie av
Newman, Edgar M., 107 N Clark
Nicholson, Jos. T., 7514 Chappel av
Nicholson, Wm. A., 6437 Harvard av
Nielsen Elker R., 3059 Augusta
Niemz, Arthur A., 847 Bradley pl
Nimmons Geo. C., 122 S Michigan av
Nitsche, Edward A., 64 E Van Buren
Norman Andrew E., 1526 Devon av
Novy, Jos. J., 2434 S Ridgeway av
Nyden, John A., 196 N State
Ohrenstein Ernest J., 58 W Wash
Oliver, Ralph H., 6958 S Peoria
Olsen, Lief E., 155 N Clark
Olsen Paul F., 127 N Dearborn
Olson Benj. Franklin, 19 S La Salle
Ording, Carl H., 4808 West End av
Ostergren Robert C., 155 N Clark
Otis, Samuel S., 6 N Michigan av
Otis, Wm. A., 6 N Michigan av
Packard, Allyn A., 7609 Eastlake ter.
Pagels, Wm. F., 1412 Berteau av
Park, John W., care of Chicago Tribune
Parsons Wm. E., Ry. Exch. bldg
Pashley Alfred F., 431 S Dearborn
Patelski, Erich J., 2550 W Jackson blvd
Pearson, Gustav E., 1930 N Keystone av
Pentecost, D. S., 4309A N Ashland av
Perkins Dwight H., 814 Tower court
Perkins Frank W., 7524 Stewart av
Perkins Fred'k W., 64 E Van Buren
Perry Walter E., 64 E Van Buren
Pierce R. G., 10 S La Salle
Pingrey Roy E., 209 S La Salle
Piontek, Clement L., 4930 Hutchinson
Pischel, Frederick, 4017 Milwaukee av
Plieus, Leo H., 544 S Franklin
Pomeroy, Jim T., 4921 N Kedzie av
Pond, Allen Bartlit, 64 E Van Buren
Pond, Irving K., 64 E Van Buren
Pope, John Francis, 954 N Leamington av
Postle, David E., 140 S Dearborn
Poulsen, Edward J., 4019 N Harding av
Poulsen, George F., 208 S La Salle
Powers Horace S., 5 N La Salle
Prather, Fred V., 6507 Bosworth av
Presto, Wm. C., 4424 N Fairfield av
Pridmore John E. O., 38 S Dearborn
Prindeville Chas. H., 64 E Van Buren
Probst, Edward, 80 E Jackson blvd
Proskauer, A., 201 E Ontario
Proskauer A., 109 N Dearborn
Pruyn Wm. H. Jr., 122 S Michigan av
Puckey Francis W., 6 N Michigan av
Pugh, Myron E., 2919 Jackson blvd
Quackenboss Leonard G., 35 N Dearborn
Quinn J. Edwin, 123 W Madison
Quitsow, Anthony H., 1036 Dakin
Rabig, Chas. E. Klarv, 104 S Michigan av, care of Holabird & Roche, 104 Michigan av
Raeder Henry, 20 W Jackson blvd
Randak, Frank, 3643 W 26th
Rapp C. W. & G. L., 190 N State
Rappaport, Benj. J., 1504 Farwell av
Rawson, Chas. P., 1904 Ainslee
Rawson, Lorin A., 180 N Market, care of C. H. Strong Co.
Rebarl, A. N., 410 S Michigan av
Reed, Earl H., Jr., 175 Jackson blvd
Reily Solon L., 112 W Adams
Renwick, Edward A., 104 S Michigan av
Repp, George W., 1743 W 100th pl
Rezny Jas. B., 2204 S Crawford av
Rice, Josiah L., 4531 Greenview av
Rich, Evert, 10,420 Prospect av
Richards Henry H., 5467 Washington blvd
Riddle, Herbert H., 122 S Michigan av
Riddle, Lewis W., 122 S Michigan av
Riegert, Emil, 2041 N Racine av
Rinn, Chas., 3041 Leland av
Ripple, Fred O., 4715 Flournoy
Rissman Maurice B., 139 N Clark
Ritter, Louis E., 1707 Marquette bldg
Roberts Eben E., 82 W Washington
Robertson David, 155 N Clark
Robinson, Argyle, 5227 Harper av
Roche, Martin, 104 S Michigan av
Roeddiger, F. W. C., 5328 Drexel av
Rogustad, Sigurd A., 845 N Le Claire av
Rohm Jean Baptist & Son, 138 N La Salle
Rohm, Wm., 138 N La Salle
Roller, Herman D., 64 E Van Buren
Rost, John Wellborn, 104 S Michigan av
Ross, Henry, 6741 Sheridan rd
Roth, Edgar, 7550 Saginaw av
Rother, Eugene P., 2507 N Cullom av
Rowe, Chas. Barr 5938 Prairie av
Roy, Franz, 7817 S Shore Drive
Runde Otto, 4831 Barry av
Rusy, Anthony F., 1339 Savers av
Rupert Edward P., 154 W Randolph
Russel L. E., 25 N Dearborn
Ruttenberg, Albert, 4706 N Winchester av
Ryan Wm. J., 154 W Randolph
Sailor, Homer G., 417 W 61st
Sandegren Andrew, 25 N Dearborn
Sandel, Monroe R., 4912 Drake av
Sanders, Lewis M., 1907 Nebraska av
Saxe Albert M., 64 E Van Buren
Saxe, Ira C., 351 Beldon av
Schaffner, Daniel J., 139 N Clark
Scharrb, Louis J., 3305 Wrightwood av
Scheller, Jesse E., 7606 Crandow av
Schenck, Rudolph, 122 S Michigan av
Schimek, Alfred F., 1420 S Ashland av
Schlacks Henry J., 721 N Michigan av
Schmalz, Emil C., 5041 W Madison
Schmid R. G. & Co., 154 W Randolph
Schmidt, Frederick B., 7 S Dearborn
Schmidt, Hugo, 1165 N Clark
Schmidt Richard E., 104 S Michigan av
Schnakenberg, Henry, 2943 N Racine av
Schock, Frederick R., 5804 Midway Park
Schoenfeldt Frank, 4058 W Madison
Schreiber, Geo. F., 105 W Monroe
Schultz, Martin M., 1955 W 20th
Schulze Carl E., 178 W Jackson blvd
Schulze Wm., 2009 W North av
Schwartz Albert A., 118 N La Salle
Seator Sinclair M., 35 N Dearborn
Seipp, Edwin A., 179 W Washington
Seyfarth Robt. E., 134 S La Salle
Shank Edward D., 38 S Dearborn
Shankland, Edward C., 209 S La Salle
Shannon, James S., 608 S Dearborn
Shattuck, Walter F., 19 S La Salle
Shaw Howard Van Doren, 39 S State
Sierks Henry, 180 N Dearborn
Sladek, Victor R., 2242 S Marshall blvd
Slovinec Jno., 5138 S Artesian av
Slupkowski, Jos. A., 2312 Iowa
Smith, Geo. H., 37 W Van Buren
Smith Robert S., 111 W Monroe
Smith Wm Jones, 64 E Van Buren
Smith Z. Erol, 305 E 55th
Somers, Elbert S., 6959 N Ashland av
Spencer, Chas. B., 37 W Van Buren
Spencer N. S. & Son, 37 W Van Buren
Spencer, R. C., Jr., 5 N La Salle
Speyer, Oscar P., 6507 Greenview
Spitz Alex H., 105 W Monroe
Spitzer Maurice, 5 N La Salle
Spohr, Geo. S., 1538 Greenfield av
Stanhope Leon E., 59 E Madison
Stanton, Frederick C. H., 621 Cornelia av
Stebbings, Walter L., 6033 Calumet av
Steigely, Arthur, 7323 Yale av
Steif B. Leo, 30 N La Salle
Steinbach, J. G., 155 N Clark
Steinborn, Edward, 1305 N Maplewood av
Stephens, Barrett H., 823 E 42nd
Stern I. S., 35 S Dearborn
Steuben, Theo., 3432 Southport av
Stevens C. Whitney, 64 W Randolph
Stevens, Harry E., 4231 W Monroe
Stoetzel R. E., 431 S Dearborn
Stone John R., 8 S Dearborn
Strandel Chas. A., 118 N La Salle
Strauch Moritz F., 1356 Diversey P'way
Sturges, Howard P., 79 W Monroe
Sturm Meyer J. (Hospitals Exclusively), 116 S Michigan av
Sturnfield, Chas H., 600 Blue Island av
Sullivan Louis H., 1808 Prairie av
Swern Perry W., 19 S La Salle
Taggart, John A., 1539 E 65th Pl
Tallmadge, Thos. E., 189 W Madison
Teesdale, Lawrence V., 6949 Prairie av
Teich Frederick J., 305 S La Salle
Teisen Axel V., 3133 Logan blvd
Tentsch, Carl M., 4231 Lake Park av
Thielbar, Fred J., 104 S Michigan av
Thissien Chas., 14 W Washington
Thomsen Frederick W., 1949 Seminary

ILLINOIS—Chicago—continued
Thoresen, Thorgils, 4231 Lake Park av
Tilton, John N., 5 N La Salle
Tocha Anton A., 1225 N Ashland av
Turbyfill, David W. J., 3760 Sheffield av
Turner, John W., 2103 Turner av
Tyson, Herbert, 344 N Mason av
Uffendell Wm. G., 39 S. State
Urbain, Jules, Jr., 155 N Clark
Underhill, Harold W., 111 W Washington, care of Sinclair Ref. Co.
Urbanek, Chas. A., 1423 S Avers av
Vade Louis H., 220 S Michigan av
Valerio, Francis, M., 600 Blue Island av
Van Guilder, Arthur, 2148 W 103rd
Van Gunten Orlando, 64 E Van Buren
Varney, Ralph W., 105 S La Salle
Vesely, Wm. J., 240 E Huron
Viehe-Naess Ivar, 64 E Van Buren
Vigeant, Gregory, Jr., 175 W Jackson blvd
Vigeant Xavier, 175 W Jackson blvd
Viker, Guttorm A., 4700 N Campbell av
Visscher, Theo. C., 363 Lexington av
Vittner, Clement, 2420 S Clinton Park av
Vitzthum K. M. & Co., 21 E Van Buren
Von Holst H. V., 72 W Adams
Wach, Edward F., 5338 S Rockwell
Waful, Edward E., 140 S Dearborn
Walcott, Chester H., 8 E Huron
Walcott, Russel S., 8 E Huron
Walker Frank Chase, 20 N Jackson blvd
Walker Fred G., 4712 Beacon
Wall, Richard J., 2330 N Halsted
Wallace Dwight G., 6 N Clark
Wallace Maurice R., 1264 N Lincoln av
Walter, Wayne M., 127 N Dearborn
Warren, Wm. A., 64 E Van Buren
Waterman Harry H., 10 S La Salle
Waterbury Chas D., 64 E Van Buren
Watson, Robert B., 225 S Central Park av
Watson V. S., 189 W Madison
Webber Peter J., 343 S Dearborn
Weber, Alfred P., 155 N Clark
Weisfeld Leo H., 53 W Jackson blvd
Weiss John W., 53 W Jackson blvd
Wheeler, Chas. F., 4635 N Kenton av
Wheelock H. B., 64 W Randolph
White Chas. E. Jr., 343 S Dearborn
White, Howard J., 80 E Jackson blvd
White Kesson, 4321 S Michigan av
Whitney Wm. P., Peoples' Gas bldg
Wiener, Jerome L., 4107 Grand blvd
Wilkowski, Jos. A., 2142 N Leavitt
Williamson, Robt. B., 19 S La Salle
Williamson Wm. G., 19 S La Salle
Wilmanns August C., 35 S Dearborn
Winsauer, Louis M., 4309 W Whipple
Winslow, Benj. E., 2617 N Richmond
Witherspoon, John M., 53 W Jackson blvd
Wittekind, Henry, Jr., 1749 Jarvis av
Woerner, Adolph, 3166 Lincoln av
Woerner, Adolph, Jr., 4210 N Lincoln av
Wolfley, Chester E. H., 108 N State
Woltersdorf, Arthur F., 138 N La Salle
Work Robt., 220 S Michigan av
Works, Wm., 6415 Greenwood av
Worthmann, Henry, 155 N Clark
Wright Clark C., 122 S Michigan av
Wright Frank Lloyd, 104 S Michigan av
Wright, Wm. Campbell, 168 N Michigan av
Wyeth, Walter H., 104 S Michigan av
York, J. Devereux, 1323 N Clark
Youngberg John E., 30 N Dearborn
Zaldokas, Mathew E., 1263 N Paulina
Zarbell Iver C., 4132 Ellis av
Zarnowiecki Jos C., 1859 W Chicago av
Zidek Jos., 4021 W North av
Zimmerman, Hugo H., 914 Waveland av
Zimmerman Ralph W., 64 E Van Buren
Zimmerman W. Carbys, 64 E Van Buren
Zippwald, Otto, 3743 N Tripp av
CHICAGO HEIGHTS—Kelley, Irving, W 1536 Otto blvd
CLYDE—Klucina, John, 1932 S 57th st
COLLINSVILLE—Eberhardt Henry W.
CRYSTAL LAKE — Bowes, Frederick Wm., 552 N Vine
DANVILLE—Garrett Urias E.
Lewis, Chas. M., 509 The Temple
Liese, Geo. C., Temple bldg
Ludwig, Geo. W., Temple bldg
Martens, Walter F., Adams bldg
McCoy, John F., Dale bldg
Skadden, Harvey F., Dale bldg
Stuebe Leon F. W.
DECATUR—Aschauer, Chas. J., Citizen's Bank bldg
Bramhall, Arthur E., 209 National Bank bldg
Clausen S. A.
Dague, England D., 836 N Church
McNabb Wm. O.
Scribbins John A.
Stauffer, Ernest L., 303 Columbus Terrace
Waggoner, Arthur M., Citizen's Title & Trust bldg
DIXON—Vail, Morrison H.
EAST ST. LOUIS—Frankel Albert B.
Kennedy Jno. W., Cohokie bldg
Mueller, B. A., Arcade bldg
Riester, Frank P., Murphy bldg
EDWARDSVILLE—Kane Michael B.
Pauly Charles
ELGIN—Corbey, Leon J., 310 Safety bldg
Morris, G. E.
EVANSTON—Andrews, Alfred B., 847 Forest av
Ayars, Chas, A., 2419 Lincoln
Blake, Edgar O., 802 Davis
Fairclough, Stanley D., 826 Forest av
McCall, Thos., 843 Ridge av
Small, John S., 748 Hinman av
Woodyatt, Ernest, 619 Colfax av
Wright, Harvey, 2711 Woodbine av
FAIRBURY—Schmetzler Chas. H.
FOREST PARK—Bessler, Edw. W., 504 Marengo av
Burtar, Adolph G., 7616 Madison
FOREST PARK—Burtar Adolph G., 7616 Madison
FORT SHERIDAN—Rice Josiah L.
FREEPORT—Clark, Leslie Dooane, 151 Winineshiek
GALESBURG—Aldrich & Aldrich
Beadle J. Grant
GENESEO—Okeberg Jno. V.
GLENCOE—Graves, Geo. P., 520 Jackson av
GRANITE CITY—Pauly, Chas. & Son
HIGHLAND PARK—Hoermann, Carl
Von Bergen, John S.
HOOPESTOWN—Love, Robt. Jas., Willdon bldg
Richards, Jas. V., Willdon bldg
HYDE—Gilbert, Geo. H., 109 Fulton av
JACKSONVILLE—Buckingham C. W.
Pierson J. K. C.
JOLIET—Cowell Herbert, 1 Jefferson
Coyle, John E., 821 Clay
Hoen Rudolph G., Joliet Nat'l Bank bldg
Jennings, John T. W., Nat'l Bank bldg
Tomlinson ,Henry W., Woodruff bldg
Wallace Charles L.—D'Areyo, Hammond bldg
Wallace Elizabeth B., 227 Jefferson
Webster Chas. Woods, Cutting bldg
KANKAKEE—Henry Chas. D.
KOLZE—Ohlhaber, Wm.
LA GRANGE—Krauch Walter T.
LA SALLE—Hanifen, John, Tribune bldg
Matteson Victor Andre, Music Hall bldg
LINCOLN—Deal & Ginzel
MACOMB—Holmes, Willis B.
MAYWOOD—Van Gunten, Tellman G., 1318 S 7th
MELROSE PARK—Chiaro, John A., 145 B'way av
METROPOLIS—Daly, Samuel L.
Gill, Rudolph Z.
MOLINE—Eckerman Oscar A.
Eckland Henry
Schulzke Wm. H.
Whitsitt H. W.
MORGAN PARK—Blood L. A., 2246 Morgan av
MOUNT MORRIS—Buser Nathaniel E.
MOUNT VERNON—Atkinson, W. H.
MOWEAQUE—Harris, Chas.
Gill, Rudolph Z.
MURPHYSBORO—Richardson, Jason F., Jr.
NORWOOD PARK—Odgers, Philip, G., 5913 Circle av
OAK PARK—Cabeen, Richard M., 614 N Woodbine av
Clare, Wm. H., 425 S Maple av
Ellis, Frank M., 231 S Oak Park av
Fiddelke, H. G., Parkside bldg
Fyfe, Jas. L., 316 S Euclid av
Hotchkiss, Roy Jas., 115 N Oak Park av
Johnson, Robt. W., 6809 N Hillsdale av
La Belle, Edw. C., 410 Wisconsin av
Manard, Robt. P., 220 Iowa
Pray, Frank M., 426 N Parkside av
Randolph, S. M., 1024 N blvd
Roos, Bernard L., 734 S Elmwood av
Sheldon, Karl H., 127 N Oak Park av
Stoddard, Herbert H., 411 N Cuyler av
Washburn, Fred R., 1012 Chicago av
OTTAWA—Hanifen John
PEKIN—Zimmer, John E.
PARK RIDGE—Mills, Albert Brown, 370 S Prospect av
PEORIA—Baillie, John M., 145 N Jefferson
Bullard, Clarke W., Peoria Life bldg
Chaffee, Dudley C., 316 N Maywood av
Davis, Geo. H., 527 Moss av
Day, Warren W., Peoria Life bldg
Dox, Hamilton, 141 N Jefferson
Emerson, Frank N, Peoria Life bldg
Hercules, Jacob, Peoria Life bldg
Hewitt & Emerson, Peoria Life bldg
Hotchkiss Robert J., 233 S Jefferson av
Hulsebus Bernhard L., Jefferson bldg
Kiefer Albert, Jefferson bldg
Klein, Fred J., 331 Main
Koch, Henry A., 722 Thursch av
Reeves, Wm. C., 145 N Jefferson
Sedgwick, Wm. C., 318 Melbourne av
Whitmeyer Mark H., 204 S Glenwood av
PERU—Wachter Henry F.
PONTIAC—Young Richard A.
QUINCY—Batschy Jno., Wells bldg
Behrensmeyer George P., 403½ Main
Chatten Harvey, Wells bldg
Geise Martin J., 800 Main
Ledebrink Fred C., 615¼ Hampshire
Wood Ernest M., 126 N 8th
RIVER FOREST—Robinson, Harry F., 294 Edgewood pl
RIVERSIDE—Kattelle, W. R., 17 Addison
ROCKFORD—Barioga, Jesse A., Trust bldg
Bradley Chas. W., Brown bldg
Carpenter F. A., Brown bldg
Eliel, Arthur G., Stewart bldg
Johnson, Gilbert A., Swedish-Am. Nath'l Bk. bldg
Peterson & Johnson, Swedish-Am. Bank bldg
Vander Meer, W. J., Mead bldg
ROCK ISLAND—Cervin & Horn
Stauduhar Geo. P.
ROGERS PARK—Melin Chas. W., 1302 Columbia av
RUSHVILLE—Thompson, J. Arthur
SANDWICH—Howison Charles
SPRINGFIELD—Bullard, Robt. A., Unity bldg
Bullard, Samuel A., Unity bldg
Conway Wm. H., 104 East Side sq
Crow, Ralph M., 1020 S 2nd
Furrow, Edw., Broadwell bldg
Hamilton Frank H., City Hall
Hanes Saumel J. & Son, 205½ S 6th
Hanes, Murray S., 205 S 6th
Helmle, Geo. B., Ferguson bldg
Helmle, Geo. H., Ferguson bldg
Helmle, Henry R., Ferguson bldg
Meyer, Carl T., 719 E Edwards
Mozier, Harry P., 98 E Lawrence av
Rinaker Jno. I., Ridgely Bank bldg
Seiger, Harry J., Booth bldg
STERLING—Ecklund, Fugard & Knapp
Van Horne Philip T.
STOCKTON—Goodmiller Preston V.
STREATOR—Allen A. W.
Foster Wm. G.
TOLEDO—Ash Percy, University of Ill.
Curtis N. C., University of Ill.
Hanker Chas.
URBANA—Danely, Paul, 812 S Race
Maxwell, Wymer W.
Ricker, Nathan C., 612 W Green
Royer Jos. W., Flatiron bldg
Soderly, Andrew F., 7211 Howard av
Stuhr, Wm., 1003 12th
White Jas. M., (Supvg. Archt. Univ. of Ill.), Administration bldg
Salisbury, Robt. H.
WAUKEGAN—Angell, Arnold A., 1017 County
WESTERN SPRINGS—Heimbrodt, C. E., Box 168
WHEATON—Mitchell, Lewis M., Manchester rd
Salisbury Robt. H.
WILMETTE—Anderson, Russell A., 809 Lake av
Blake, Edgar O.
Buckett, Arthur C., 1133 Lake av
Henderson, Chas. G., 1405 Forrest av
Naper, Herbert J., 1127 Lake av
Rae Robt., Jr.
Wood Jas. M.

INDIANA.

ANDERSON—Meckel Jno.
Watkins Ernest R.
BEDFORD—Pritchett Milton C.
BERNE—Bagley Abraham
BLOOMINGTON—Nichols John Lincoln
BRAZIL—Johnson M. H., Jr.
COLUMBUS—Clevenger C. R. & Co.
Crowe R. B.
CONNERSVILLE—Griffin H. M.
La Fayette Conwell
CRAWFORDSVILLE—Griffith Geo. T.
DECATUR—Christen Chas.
Hoffman Oscar
EAST CHICAGO—Wiley M. Clifford
ELKHART—Elwood A. H. & Son
Turnock E. Hill & Son
ELWOOD—Risinger W. A.
EVANSVILLE—Boyle Harry E. & Co., Furniture bldg
Capelle A. J., Woods bldg
Fowler & Capelle, American Trust & Savings Bank bldg
Karges H. Gilbert, Furniture bldg
Metzner Louis L., 714 E Penna.
Russ Wm. E., Furniture bldg
Schlotter Frank J., 113½ Upper 4th
Shopbell Clifford & Co., Furniture bldg
FORT WAYNE—Allen Fk. F., 725 Putman
Aurentz Raymond J., 1206 Hugh
Bell W. E., Shoaff bldg
Fair Perry W., Bass blk
Griffith & Fair, 505-6 Bass block
Griffith & Goodrich, No. Am. bldg
King Jno. F., Bank blk
Mahurin & Mahurin, 124 W Jefferson
Meyer Henry W., Old Nat'l Bank bldg
Riedel J. M. E., 542 State blvd
Tolan Brentwood S., Farmers Trust bldg
Weatherhogg Chas. R., Hamilton Nat'l B'k bldg
Wing J. F., Pixley-Long bldg
FRANKFORT—Collins O. C. & Co.
GARY—Erickson Herbert
Hiner Lewis E.
James S. H.
Verplank J. J.
Wickes A. F.
HAMMOND—Berry, Addison C. & Co.
Hutton Jos. T. & Son
Turner Mac
HUNTINGTON—Brineman M. D.
Craig, Samuel A., 33 W. Market
Gierhart J. B.
INDIANA HARBOR—Cornwell Fay D.
Tredwell & Kraft
INDIANAPOLIS—Albersmeier Wm. H.
Rauh bldg
Allen Layton, Lombard bldg
Bacon Chas. E., 1110 Odd Fellow
Bass, Knowlton & Graham, Hume-Mansur bldg
Blackledge J. E., 422 K. of P.
Bohlen D. A. & Son, Majestic bldg
Brubaker & Stern, Aetna bldg
Builders Constr. Co., 540 N Meridian
Byfield Chas. H., Law bldg

Cannon Fermor, 21 Virginia av
Carr Merrett L., 656 Lemcke annex
Crabb Everett H., State Life
Daggett R. Frost, Lemcke Annex
Dark Stephen C., Baldwin bldg
Davenport & Williams, Castle Hall
Dietz H. Ziegler, Public Sav. Ins. bldg
Dunlap Elmer E., State Life bldg
Fitton H. R., 540 N Meridian
Foltz Herbert W., Lemcke Annex
Garns W. H., Fletcher Trust bldg
George & MacLucas, Lemcke annex
Harrison Merrit, Bd. of Trade bldg
Hill Norman H., 601 Lombard
Hunter Frank B., State Life bldg
Kopf J. Edwin & Wooling, Indiana Pythian bldg
McGuire & Shook, Indiana Pythian bldg
Morck Wm. O., Lombard bldg
Parker Wilson B., 620 State Life
Rubush & Hunter, Amer. Cent. Life bldg
Russ W. E., 313 N Penn
Scholer Walter, State Life
Shook W. B., Ind. Pythian
Sturges Louis H., Board of Trade bldg
Vonnegut & Bohn, Indiana Trust bldg
Western Wrecking Co., 1532 W Washington
Wigham & Blackledge, 422 K. of P.
Winterrowd Thos. A., Am. Central Life bldg
Woolling K. K., Ind Pythian
KOKOMO—Dunlap Elmer E.
Honeywell A. A. Co. (Church)
McGraw & Stevenson
LAFAYETTE—Alexander Jas. F. & Son
Boonstra J. A.
Brown G. S.
Gault Edw E.
Kashner C. D. & Son
Nicol Chas. W.
LAPORTE—Allen Geo. W. & Son
LINTON—Fritz John T.
LOGANSPORT—Horn Carl J.
MARION—Bowstead Henry G.
Elder Hiram
French Burt L.
Plato Samuel
MICHIGAN CITY—Ahlgrim F. H.
MISHAWAKA—Brubaker O. C.
MONTICELLO—Young Sam'l
MUNCIE—Kibelee Cuno
Thompson, M. G.
NASHVILLE—Grindle, Alfred
NEW CASTLE—Taylor Chas. W.
PERU—Fike H. P. & Co., 384 Adams av
PLYMOUTH—Ness J. E.
RICHMOND—Hasecoster J. A., 2nd Nat. Bk. bldg
Mansfield Geo. W., 906 Main
Yates Stephen O., 1521½ N. D.
SEYMOUR—Hall Robt. H.
SOUTH BEND—Austin Ennis R., J. M. S. bldg
Freyermuth & Maurer, Warner bldg
Schneider Walter W., 120 So. Main
Shambleau Roy, 731 J. M. S. bldg
Wiser, G. B., J. M. S. bldg
Young Ernest W., Dean bldg
SYRACUSE—Kingsley W. M.
TERRE HAUTE—Johnson & Miller, 105 S 7th
Koerner Robert A., 681 Ohio
Leonard Rodney W., Rea bldg
Scott Charles E., 1517 N 7th
Self James E., Grand Opera House
Shourds, McCormick Co.
Thomas & Allen, 25½ S 5th
Vrydagh J. G., 10 N 6th
Vrydagh Robt. T., McKeen blk
TIPTON—Porter S. J.
UNION CITY—Losch C. E.
VALPARAISO—Lembke Chas. F.
Snader D. L.
VINCENNES—Bayard Jno. B.
Gaddis John W.
Osterhage Louis H. & Sutton, Byron
WABASH—Stewart Wm.

IOWA.

ADEL—Holtzman W. D. Jr.
AMES—Kimball, Allen, Holmes, 129 E 7th
BURLINGTON—Washburn Geo. H.
Weibley Wm. F.
CARROLL—Hart Sanford P.
CARSON—Weeks, O. B.
CEDAR RAPIDS—Brown W. J., Am. Tr. bldg
Dieman & Co., Granby bldg
Hunter Harry Edgar, Security bldg
Josselyn & Taylor Co., Security Saving Bank bldg
Richards D. W., 215 S 2d
Zalesky C. B.
CHARITON—Hougland O. A.
CHARLES CITY—Nosser J. J.
CLARION—White J. B. & Son
CLINTON—Morrell John & Son
Work N. P.
CONRAD—Gier E. F.
COUNCIL BLUFFS—Jensen J. Chris
Schneider Henry J.
Woodward Jno. C.
CRESTON—Yule Clarence L.
DAVENPORT—Clausen & Kruse, Central Office bldg
Ebeling Arthur H., 1106 W 15th
Gartside Benj. W., Jr., Lane bldg
Holbrook Erwin G., Whitaker bldg
Temple & Burrows, Davenport Saving Bank bldg
DENISON—Barber Edgar L.
DES MOINES—Eastman C. E., Observatory bldg
Gier, E. F.
Keffer & Jones, Hubbel bldg.
Liebbe, Nourse & Rasmussen, Utica bldg
McDowell J. G. & Co., Good blk
Proudfoot Bird & Rawson, Hubbel bldg
Sawyer & Watrous, Hippee bldg
Vorse & Kraetsch, S. & L. bldg
Wetherell Frank E., Youngerman bldg
DUBUQUE—Beck Guido, 446 Hill
Bush Charles T., 825 Julien av
Carkeek Thos. T., Lincoln bldg
Heer Fred J., B. & I. bldg.
Saam Karl F., 4th & Main
Vanderveer John
Webster James
ESTHERVILLE—Jeffries A. H.
FORT DODGE—Albright J. H.
Bradford J. W.
Damon E. O., Jr.
Nippell Max
Reely T. W.
FORT MADISON—Bannon Michael E.
INDEPENDENCE — Netcott H. E. (school)
IOWA CITY—Carpenter O. H.
Freyder F. X.
KEOKUK—Brady Jos. L.
Flamboe A. G. H.
MARSHALLTOWN—Eckman Chas. H.
Kemper B. F.
Reimer
MASON CITY—Bogardus E. R. & Son
Broaten & Mincy
Jeffers J. H.
Trafzer J. W.
MUSCATINE—Zeidler H. W.
OSAGE—Stoughton G. A.
OSKALOOSA—Burdick A. W.
Sinclair S. B.
OTTUMWA—Eaton A. A.
Kerns Geo. M., Corn Club bldg
SIGOURNEY—Seger D. T.
SIOUX CITY—Beach W. W., Co. Motor Mart bldg
Beuttler & Arnold, Grain Ex bldg
Burkhead G. W., Iowa bldg
Steele Wm. L., United Bank Bldg
STORM LAKE—Marten & Sutherland
Unger & Park
STRAWBERRY POINT—Gratke, G. E.
WATERLOO—Burr Howard B.
Cleveland Mortimer B.
Ralston J. G.
Shockley Clinton P.
WAVERLY—Leitha J. F.
WEBSTER CITY—White J. R.

KANSAS.

ARKANSAS CITY—Atee, W. L.
BELOIT—Slack Frank A.
BAXTER SPRINGS—Johnson, C. H.
CHANUTE—Pratt J. W.
COFFEYVILLE—Henderson C. A.
ELDORADO—Simon W. H.
EMPORIA—Brinkman H. W.
Marx Wm. F.
Squires Chas. W.
FORT SCOTT—Gardner J. H., 324 So. Little
Huff Walter S. & Co.
GREAT BEND—Redman & Maher.
HALSTEAD—Steele Benton
HANOVER—Dunn Walter T.
HUTCHINSON—Delano, C. W.
Hulse W. E. & Co.
Mann & Gerow
Martin C. F.
Riggs J. S.
INDEPENDENCE—Fletcher F. F.
KANSAS CITY—(See Kansas City, Mo.)
LAWRENCE—Blair Albert E.
Goldsmith Goldwin, 306 Marvin Hall, University of Kansas
LEAVENWORTH—Feth Wm. P.
McPHERSON—Skiff J. H.
MANHATTAN—Baker Cecil Frank, Kansas State Agric. College
Winter H. B.
OTTAWA—Washburn Geo. P. & Son., 222 So. Main
PARSONS—Briggs J. E.
PITTSBURG—Callin A. C.
Munn G. J.
SALINA—Shaver C. W.
Smith C. A.
Wilmarth & Zerbe (& Structural Engrs.)
TOPEKA—Cuthbert, D., 435 Kansas av
Gamble, R. I. (State Archt.)
Glover, W. G.
Holland & Glover, Mills bldg.
Lescher T. H., 920 Monroe
Mitchell C. B.
Squires Frank C., 628 Kansas av
Williamson T. W., Central Bk. bldg
Wood L. M., 629 Kansas av
WICHITA—Charles U. G., Schweiter bldg
Florsblom Ed.
Schuler Dan
Voigt S. S., Fourth Nat'l bldg
WINFIELD—Fuller J. N. Co.
Ross I. R.

KENTUCKY.

ASHLAND—King J. M.
BARDSTOWN—Stanley O.
BOWLING GREEN—Fleenor C. M.
COVINGTON—Hildreth & Beekman, 2018 Scott
House C. W. & Sons (& Builders)
Schofield Geo. W., 1st Nat. Bk. bldg
Wisenall Bernard T., 1st Nat. Bk. bldg
CYTHIANA—Stevens Joseph R. & Co.
DANVILLE—Van Dalsem W. S.
FT. THOMAS—Weber John R.
FRANKFORT—Oberwarth Leo L.
FULTON—Spradlin W. H.
HENDERSON—Trible E. S.
HOPKINSVILLE—Gatlin W. R. (Specialty: Theatres)
Long James Lee
Waller John T.
JUNCTION CITY—Turnbull C. D.
LEXINGTON—Anderson & Frankel
Geretz Martin
Manley F. J.
Moore John V.
Stamler E.
LOUISVILLE—Birnbach, Geo., 302 W Main
Collins, Val. P., Met. bldg
Curtin, C. A., 2501 W Chestnut
Davis Brinton B., Starks bldg
Erhart, Fred, Norton bldg
Gaffney & Epping, 437 S 2nd
Hutchings E. T., Columbia bldg
Joseph & Joseph, Francis bldg
Korell, Emil, 1234 S Preston
Loomis & Hartman, Todd bldg
Meyer & Brenner, Lincoln bldg
Murphy D. X. & Bro., Louisville Tr. bldg
Nevin & Wischmeyer, Starks bldg
Nolan Thos. J., Courier-Journal bldg
Pfair & King, Starks bldg
Redman, H. E., 1196 Innis Court
Rosen R. O., Todd bldg
Senter, O. P., 197 S 5th
Smith Arthur R., Norton bldg
Stimson, Clarence J., Inter-Southern Life bldg
Tafel, A. G., Coleman bldg
Ward O. P., Lincoln Bank bldg
Weakley, R. D., Crutcher & Starks bldg
Williams, O. W., 2213 Magazine
Wischmeyer Hermann, Starks bldg
LUDLOW—Purcell Wm. R.
MOUNT STERLING—Williams E. L.
NEWPORT—Beiting Edward, 411 W 10th
Glick Jacob, 112 E 6th
Raabe Lawrence, 111 E 7th
Vogel Chas., 133 16th
Ware Randolph F., 407 York
Wilson Louis H., 10 W. 4th
OWENSBORO—Killian A., 519 St. Ann
Kimberlin C. W.
Whitehead John W.
PADUCAH—Brainerd Wm. L.
Lassiter A. L. & Bro.
SHELBYVILLE—Gruber & Doss
WINCHESTER—Crone J. W.

LOUISIANA.

ALEXANDRIA—Duncan & Barron, 120 Murray
Yeager C. Scott
BATON ROGUE—Charlton Chas. H., Jr.
Goodman Benj. J.
COLFAX—Carver Joe
LAKE CHARLES—Carter Ira Calvin
Philips & McCook
MONROE—Smith J. W.
MORGAN CITY—Ghirardi P. B.
NEW IBERIA—Phillips E. W.
NEW ORLEANS—Andry Paul, 510 Tulane Newcomb
Armstrong & Koch, Audubon bldg
Baccich & de Montluzin, Maison 306 Baronne
Brandner Jos. T., 235 N Broad
Burk & Dufrechous, 808 Perdido
Burton & Bendernagel, Audubon bldg
Charlton J. F., 730 Gravier
Churchill, Frank G., Hennen bldg
De Buys Rathbone, Hibernia bldg
Deckbar H. C., 740 Union
Diboll & Owen, Ltd., Interstate bldg
Dreyfus F. J., Title Guar. bldg
Favrot & Livaudais, Perrin bldg
Goldstein Moise H., Title Guarantee bldg
Jones & Roessle, Maison Blanche bldg
Keenan Walter C., Strand bldg
Kohlman Nathan, Godchaux bldg
Krumbhaar W. B., 618 South
Labouisse S. S., Hennen bldg
Lagarde Jos. J., 730 Union
McCarthy R., Jr., Hennen bldg
MacDonnell Francis J., Hennen bldg
Mohr Oscar P., 728 Gravier
Nelson A. J., Whitney bldg
Robelot A. N., Tulane-Newcomb bldg
Smith A. L., 228 S Hennessy
Sporl Edward F., Nat'l Realty bldg
Stone Samuel, Jr., 714 Union
Toledano Wogan & Bernard, Perrin bldg
Weil Emile, Whitney-Central bldg
Williams C. Milo, Hennen bldg
SHREVEPORT—Annan J. P., 1319 Fairfield av
George E. A., American Nat'l Bank bldg
Huff Chas. B., 1715 Park av
King Clarence W., 1st Nat'l Bank bldg
Neild E. F., Commercial Bank bldg
Olschner C. E., Merchants bldg
Snyder John Young, Merchants bldg

MAINE.

AUGUSTA—Bunker & Savage
BANGOR—Crowell C. Parker, 27 State
Hodgins Victor
Lancaster, Walter S., 27 State
Mansur Wilfred E.
Patterson Fred'k A.
BAR HARBOR—Savage F. L.
Stratton Milton W.
BERWICK—Slater Forest E.
BLAINE—Beals W. A.
BLUE HILL—Hinckley W. R.

MAINE—continued
BOOTHBAY—Adams P. D.
Blair J. H.
CAMDEN—Brown Cyrus P.
Greenlaw A. E.
Ritterbush S. G.
DEXTER—Dexter H. P.
Young Fred M.
GARDINER—Richards Henry
KENNEBUNK—Barry Wm. E.
LEWISTON—Coombs Harry S.
Gibbs & Pulsifer
LIMERICK—Boynton Chas. E. (& bldr)
PORTLAND—Higgins, E. L., 95 Exchange
Miller & Mayo, 465 Congress
Pease Austin W., 465 Congress
Poor C. O., 537 Congress
Rhodes Herbert W., 574a Congress
Stevens John Calvin, 187 Middle
Stevens John Howard, 187 Middle
SANFORD—Burgess, R. B.
STONINGTON—Seekins R.
Smith H. B.
WATERVILLE—Knapp Herbert E.
Patterson Frederick A.
WAYNE—Norton Chas. L.
YARMOUTHVILLE—Merrill, F. B.

MARYLAND.

ANNAPOLIS—Armstrong Joseph M.
Cooper P. B.
Hunter R. Malcolm
BALTIMORE—Anderson Chas. M., 324 N Charles
Archer & Allen, Central Savings Bank bldg
Beall Fred. E., 1335 N Gilmore
Beecher, W. Gordon, Calvert bldg
Blanke & Zink, Equitable bldg
Blikel Henry F., 3810 Eastern av
Bortner, Daniel G., 203 Ashland av, R. P.
Buckler Riggin, 11 E Pleasant
Callis & Callis, 2055 Kennedy av
Callis Geo. R., Jr., Melvin av
Childs, Geo. S., Law bldg.
Crisp Herbert G., 2709 St. Paul
Dewitz, John H., 433 N Pulaski
Emmart Wm W, Union Trust bldg
Emory, Wm. H., Jr., Munsey bldg
Fenhagen George C., 11 East Pleasant
Flournoy, Parke, Jr., 1417 John
Forrest A. Lowther, 11 E Pleasant
Foreman, Wm. A., Foster Lane & Nicoll av
Forsythe John R., 232 St. Paul
Fowler Lawrence H., 347 N Charles
Frank Benjamin, 328 N Charles
Freund John, 1307 St Paul
Friz Clyde N., Lexington bldg
Gerwing, Jacob F., 1028 N Fulton av
Gieske Walter M., Gunther bldg
Gilmour G. R. Howard, 2415 Guilford av
Glidden Edw. H., American bldg
Hampson, Walter M., 115 E 25th
Harris Robt. L., Calvert bldg
Haskell & Barnes, 301 N Charles
Horn Carl A., 1035 Myrtle av
Hughes, G. Skaife, 223 W Franklin
Jory, Herbert G., Munsey bldg
Kavanagh Hugh I., 913 N Calvert
Kubitz, D. E. Otto, 807 Gorsuch av
Lacchi Primo 146 N Potomac
Laferty J. E., 11 E Pleasant
Lamdin Wm. D., 11 E Pleasant
Leach Alfred C., 323 N Charles
Levi Louis, Continental bldg
Long M. A., Co., Munsey bldg
Machen Thos. G., Fidelity bldg
May Edward, Calvert bldg
May Howard, Calvert bldg
Mottu & White, 322 N Charles
Moxley J. E. Jr., 3411 Fairview av
Nelker J. Franklin, Professional bldg
Nussear J. S. Jr., 324 N Charles
Owens & Sisco, Continental bldg
Owings Thomas B., 347 N Charles
Palmer Edw. L., Jr., 513 N Charles
Parker, Thomas & Rice, Union Trust bldg
Pennington, Josias, Professional bldg
Pietsch, Theodore W., American bldg
Potts, Allen H., 901 Cold Spring Lane
Russell Stanislaus, 11 E Lexington av
Sill Buckler & Fenhagen, 11 E Pleasant
Sill Howard, 11 E Pleasant
Simonson Otto G., Md. Casualty Tower
Smith Layton F., 513 N Charles
Sparklin & Childs (Con. Engr.), Law bldg
Sperry Joseph E., Calvert bldg
Stack, Jno. K., 12 E Lexington
Stone Wm. F. Jr., 14 N Eutaw
Taylor R. E. Lee, Union Trust bldg
Thomas Frederick, 135 N Renwood av
Thuman, Francis J., 2508 N Charles
Tormey Francis E., 813 Newington av
Turnbull Bayard, 328 N Charles
White Henry S. T., 322 N Charles
White Wm. A., 1030 N Gilmor
Wiatt & Nolting
Wight, Oliver B., 1038 N Eden
Willis J. Swing, 513 N Charles
Wilson J. Appleton, Law bldg
Worthington Geo., Keyser bldg
CATONSVILLE—Ehlers Wm. H.
CUMBERLAND—Butler Wright
Sansbury Geo. F.
EASTON—Brinkloe Wm. Draper
FREDERICK—Grange Garrett S. de
Kepner & Smith
Smith Wilson P
HAGERSTOWN—Ferguson, J. B., & Co., 43 N Jonathan
Klinkhart, A. J.
Mack & Kountz
Yessler Harry E.
PIKESVILLE—Watts Albert S.
POCOMOKE CITY—Stevenson R. M.
ROCKVILLE—Groomes Thos. C.
ST. MICHAELS—Dodson H. C., Jr.
SALISBURY—Mitchell T. C.
Radcliffe & Gaskill
WESTMINSTER—Case Paul

MASSACHUSETTS.

ATTLEBORO—Higgins Olstin M.
BEVERLY—Alden Henry B.
Clark Chester N.
Grush Charles E. (Consulting)
Harmon William H. & Son (& Builder)
Sponholtz Carl L.
Swan George
BOSTON (including Dorchester, Hyde Park & Roxbury)—Adden & Parker, 12 Bosworth
Adden & Parker, 12 Bosworth
Alden Henry B., 15 Exchange
Aldrich Wm. T., 8 Beacon
Allbright C., 6 Beacon
Allen Gordon, 248 Boylston
Allen & Collens, 40 Central
Andrews, Rantoul & Jones, 50 Congress
Appleton W. Cornell & Stearns, Frank A., 53 State
Arnold S. A., 50 Bromfield
Atherton Walter, 15 Exchange
Atwood Harrison H., (Dorchester)
Austin W. D., 50 Bromfield
Avery Philip S., 95 Milk
Bacon Lewis H., 120 Boylston
Bailey Elmer Smith, 33 Cornhill
Barnard John, 8 Beacon
Barnard John E., 72 Agawan rd
Bateman C. J., 15 Exchange
Beal J. William, 62 Summer
Bellows & Aldrich, 8 Beacon
Benton E. R., 67 Milk
Berry & Davidson, 29 Central
Besarick Wm. H., 64 Segamore
Bickford J. H. Co., 40 Central
Binney Arthur, 40 Kilby
Bigelow & Wadsworth, 3 Hamilton pl
Bixby Curtis W., 8 Beacon
Blackall, Clapp & Whittemore, 20 Beacon
Blaikie Edwin K., 67 Milk
Bourne Frank A., 70 Kilby
Bowditch Arthur H., 44 Bromfield
Boyd Frederick S., 579 Mass av
Brainerd, Leeds & Kellogg, 89 Franklin
Brazilian J. A., 458 B'way
Brigham, Coveney & Bisbee, 184 Boylston
Brown Frank C., Mt Vernon sq
Brown Willard D., 45 Milk
Burk & Bottomley, 34 School
Chandler H. S., 755 Boylston
Chapman E. R. B., 44 Bromfield
Chapman Wm., 15 Ashburton pl
Chapman & Frazer, 112 Water
Chase Wm. C., 8 Marlboro
Chickering Geo. W., 6 Beacon
Clark & Russell, 110 Tremont
Codman & Despradelle, 27 Kilby
Cogswell Chas. N., Old South bldg
Coit Robert, 85 Water
Colby Herbert W., 46 Cornhill
Collett Wm. C., 50 Bromfield
Coolidge & Carlson, 89 State
Coolidge & Shattuck, Ames bldg
Cooper Frank Irving Corp., 33 Cornhill
Cox Wm. H., 53 State
Cram & Ferguson, 15 Beacon
Curtis Herman G., 38 Kilby
Cutter Olin W., 683 Atlantic av
Dana Edw. Percy, 120 Tremont
Darrow Alfred L., 8 Beacon
Davidson Harry E., 46 Cornhill
Densmore & Le Clear (& Engineers), 88 Broad
Derby & Robinson, 20 Beacon
Desmond & Lord, 15 Beacon
Dixey W. U. & H. B. Smille, 585 Boylston
Douglas Nathan, 307 Harvard
Driscoll Jos. J., 326 Chestnut Hill av
Dudley Wm. N., 8 Beacon
Dunham Chas. B., 6 Beacon
Dykeman & Murray, 15 Exchange
Eskrigge Frank T., 17 Milk
Fisher Richard A., 45 Bromfield
Foss & Pevear, 71 Brimmer
Fox John A., 120 Tremont
Fox & Gale, 3 Park
Froham & Robb, 29 Pemberton sq
Frost & Raymond, 1278 Mass av
Funk & Wilcox Co., 1148 Old So bldg
Gay & Proctor, 50 Bromfield
Godfrey Chester N., 15 Beacon
Gowing Frederick H., 18 Tremont
Graham Edward T. P., 20 Beacon
Grandgent & Elwell, 44 Bromfield
Graves Harold S., 120 Tremont
Gray John M., 112 Water
Gray Ralph W., 19 Congress
Greco Charles R., 8 Beacon
Greenleaf L. C., 101 Tremont
Hartwell, Richardson & Driver, 68 Devonshire
Haven & Hoyt, 220 Devonshire
Henderson Walter P., 755 Boylston
Higgins Olstin M. (Hyde Park)
Hitchings & Hitchings, 453 Washington
Hixon Thos., 3 Park
Howe Lois L. & Manning, 101 Tremont
Hughes Thos. R., 141 Milk
Hutchins & French, 8 Winter
Jackson Allen W., Equitable bldg
Jacob Geo. Nelson, 9 Hamilton pl
James Thos. M., 3 Park
Jellows T., Braintree
Kelley James T., 57 Mt. Vernon
Kelley Samuel Dudley, 46 Cornhill
Kellogg Harold Field, 93 Federal
Kendall Frank A. & Frederic M., 45 Bromfield
Kendall, Taylor & Co., 93 Federal
Kiesling Homer, 7 Water
Kilham & Hopkins, 9 Park
Lee James S., 6 Beacon
Leland Joseph D., 185 Devonshire
Lewis Edwin J., Jr., 9 Park
Little & Browne, 70 Kilby
Little & Russell, 45 Bromfield
Littlefield Walter T., 9 Hamilton pl
Lockwood Arthur G., Medford
Longfellow, A. W., Tremont bldg
Loring Chas. G., 7 Water
Lowell Guy, 12 West
McFarland C. T., 162 Newbury
McGirr Edw. B., 6 Beacon
McLaughlin Jas. E., 88 Tremont
McLean W. H., 110 Tremont
MacNaughton & Robinson, 101 Tremont
Maginnis & Walsh, 100 Boylston
Maher & Winchester, 8 Beacon
Mastrengelo M. J., 2 North sq
Mead Samuel W., Barristers Hall
Mears, Henry A., 120 Tremont
Minor Wesley L., 46 Cornhill
Monks & Johnson (& Engrs.), 99 Chauncy
Mowll & Rand, 50 Bromfield
Murray James, 101 Tremont
Nevin Chas. K. B., 6 Beacon
Newhall & Blevins, 9 Park
Newton Geo. F., 6 Beacon
Nichols Edward, 70 Kilby
Norcross F. A., 46 Cornhill
O'Connell & Shaw, 18 Bolyston
O'Hare Wm. P., 98 Clay
Page & Frothingham, 52 Chauncey
Parker, Thomas & Rice, 110 State
Peare & Quiner, 6 Beacon
Perry William G., 19 Congress
Phipps Sanford, 9 Park
Powell Francis G., 111 Columbia rd, (Dor)
Pratt & Witton, 44 Bromfield
Prescott Howard B. S., 12 Pearl
Proctor Benjamin Jr., 67 Milk
Purdon James, 8 Beacon
Putnam & Chandler, 18 Arlington
Putnam & Cox, 114 State
Raeder Henry, 53 State
Raeder James Ritchie, 53 State
Ramsay H. M., 50 Bromfield
Rantin Samuel J., 1117 Columbus av
Reed E. L., 20 Irwin av
Richardson, Barott & Richardson, 8 Beacon
Ritchie Jas H., 8 Beacon
Rowan James F., 7 Water
Russell H. B., 9 Park
Russell F. N., 42 Blvd Hill pkwy
Sargent T. M., 162 Tremont
Saxton & Howe, Tremont bldg
Schweinfurth J. A., 53 State
Sheehan T. Edw., 73 Tremont
Shepard Geo. F., 78 Devonshire
Sidebottom Wm., 101 Tremont
Smith F. Patterson, 67 Milk
Smith Jno. J., Old South bldg
Somes Dana, 119 Water
Somes & Parsons, 1 Beacon
Spofford John C., 36 Bromfield
Stebbins & Watkins, 164 Federal
Stevens Edw. F., 9 Park
Stratton E. B., Equitable bldg
Strickland, Blodget & Law, 26 Pemberton sq
Strout Geo. F., 621 Main
Sturgis R. Clipston, 120 Boylston
Sullivan Matthew, 100 Boylston
Sylvester Edmund Q., 8 Beacon
Taylor W. Hart, 50 Bromfield
Thayer O. A., 89 Franklin
Untersee F. Joseph, 585 Boylston
Vinal Arthur H., 15 Exchange
Walker Ambrose, 9 Cornhill
Walker C. Howard, 71 Kilby
Washburn G. Bertram, 26 Pemberton sq
Wead, Frederick W., 119 Water
Woodbury & Stuart, 581 Boylston
Wright Albert H., 27 Kilby
Wright Alonzo D., 40 State
Wright Jas. Hayden, 8 Beacon
Zottoli A. M. & Bros., 26 Conley
BROCKTON—Barlow W. F., Jr.
Falk Geo. L.
Jackson Willard F.
Olson Charles T.
BROOKLINE—Walsh Timothy, 135 St Paul
CAMBRIDGE—Bartlett C. H. 580 Mass av
Boyd Fredk. S., 579 Massachusetts av
Douglas Nathan, 307 Harvard
Frost Henry A., Brattle bldg
Humphreys John S., Esq., 24 Avon
Killam Chas. W. (Consulting), Harvard University
Moore George A., 44 Orchard
Whitehouse L. A., 63 Dana
CANTON—Capen G. W.
CENTERVILLE—Bearse Chester
CHELSEA—Brazillian James A.
Eisenberg S.
Noyes Frank A.
Taylor William Hart
CHESTNUT HILL—Putnam Wm. E., Jr., Spooner bldg
CHICOPEE—Dion Geo. P.
Gendreau, Hubert L., 786 Grattan, Alexander
CHICOPEE FALLS—Fugere Geo. H., 67 Main
CLINTON—Thissell Horace A.
COHASSET—See Boston
DALTON—Tower D. H. (& Civil Engr.)

DANVERS—Wright G. H.
DEDHAM—Bailey, R. M.
DORCHESTER—Besarick Wm H., 64 Sagamore
EAST HAMPTON—Tremblay Samuel J., 21 High
EVERETT—Helrich Otto A.
Loring Alden C.
Wood Geo. H.
FAIRHAVEN—Bisbee Henry V.
FALL RIVER—Ashton Wm. S., 88 4th
Corbett Edw. M., 70 Bedford
Darling Joseph M., Bennett bldg
Destremps Louis G. & Sons, 58 Bedford
Higgins Joseph I., Borden blk
Marvell E. I., 57 N Main
FALMOUTH—Tobey W. A.
FISKDALE—Harvey Wm. H.
FITCHBURG—Francis Henry M. & Sons
Greiner, Albert J., 204 Buch
Hutchins, Wallace J., 58 Mt. Globe
Smith, Stephen B., 336 Main
FRAMINGHAM—Capp Chalmers S.
Shepherd Frank H.
GARDNER—Bodwell Cyrus F.
GLOUCESTER—Hanson H. M.
Phillips Ezra L.
Spooner Herman W.
GREENFIELD—Drew M. R.
GROTON—Park Lawrence
HAVERHILL—Perkins J. A.
HINGHAM—Brown Samuel J., Main, cor. Gardner
HOLYOKE—Alderman Geo. P. B. & Co., 316 High
Beauchemin Oscar, City Nat'l Bank bldg
Chase Wm. R. S., Holyoke Nat'l Bank bldg
Gendreau Hubert L., 830 Chicopee
Howes & Howes, 199 High
Reid Wm. B., 280 High
HOPKINTON—Phipps Sanford
HYDE PARK—See Boston
IPSWICH—Pickard H. A.
LAKEVILLE—Anderson W. L.
LAWRENCE—Smith Horace H. (mill), Bay State bldg
Wilde Samuel H., Bay State bldg
LEICESTER—Doherty Peter J.
LEOMINSTER—Davis Fred'k L.
Page Leroy J. (& Mill Engr.)
Stacy Harry H.
LITTLETON—Woodbury D. H.
LOWELL—Clark Edwin R.
Davis Millard F., Hildreth bldg
Gardner Everett M., 198 Holyroad av
Gilbert Perley F., 53 Central
Graves Harry Prescott, 40 Middlesex
Roach Joseph S., 40 Middlesex
Rourke Henry L., Hildreth bldg
LYNN—Assies John, Wilson terrace opp 199 Lewis
Betton Chas. L., 31 Exchange
Burgess, Chas. V., 23 Central av
Davidson Benjamin H., 7 Bloomfield
Earp Edwin, 333 Union
Parsons, E. M. & Co., 145 Monroe
Sanborn Dana A., 38 Exchange
Sanborn & Weed, Item bldg
Schwartz, Jacob, 23 Central av
Stevenson Robert L., 333 Union
Varney, Penn, 25 Exchange
MALDEN—Wilson Dexter E.
MANSFIELD—Foster Geo. L.
MARLBORO—Simonds Warren J.
Tucker & Brooks
MATTAPAN—Russell F. N., 42 Blue Hills Parkway
MELROSE—Dow Lewis A.
Jordan Edward E.
MIDDLEBORO—Black J. Fred
MILFORD—Collins Walter L.
Cook Rob't Allen
MILLBURY—Phillips Henry A., Elm
MILTON—Babcock Alton
Tilden George T., 55 White
NANTUCKET—Codd Eliza
NATICK—Fleming Willis N.
NEEDHAM—Pinkham Everard
NEW BEDFORD—Brown & Poole, Chapman bldg
Hammond C. & Son, 179 N Water
McIntyre Jas., Clifford bldg
Smith & Howland, Union & Pleasant
Williams John, 97 Merrimack
NEWBURYPORT—Knight Carl M.
NEWTON HIGHLANDS—Fisher Gurdon R.
NEWTONVILLE—Paine Walter J.
NORTH ADAMS—Barlow Edwin T.
Bond Newton C.
NORTHAMPTON—Pratt Wm. F.
Putnam, Carl Scott
Taylor James K.
NORTH CAMBRIDGE—Killam Charles W. 51 Avon Hill
PEABODY—Earp Edwin
PITTSFIELD—Harding & Seaver, 7 North
Haynes Geo. E., Miller bldg.
McLaughlin Peter F., 24 North
Vance Jos. M., 24 North
PLYMOUTH—Goddard Fred A.
QUINCY—Lofgren Wm. R. (& Builder)
Pratt J. Winthrop (& Builder)
ROXBURY—(See Boston)
SALEM—Balcomb Edwin B., 228 Sussex
Fanning Geo. H., 221 Essex
Rantoul Wm. G., 19 Chestnut
SHARON—Ely Chas H.
SHERBORN—James Thos. M.
SOUTH FRAMINGHAM—Barnes Chas. B.
SPRINGFIELD—Andrews, Tower & La Vallo, 274 Main
Associate Architectural & Eng., Inc., 145 State
Band, Newton, 476 Main
Chaplin & Chaplin, 374 Main
Dibble Wallace E., 317 Main
Donahue J. W., 476 Main
Gardner E. C. & G. C., 33 Lyman
Green Sam'l M. Co., Inc. (& Engrs.), Huestis & Huestis, 145 Chestnut
Kirkham & Parlett, 25 Harrison av
Manter, Carlton H., 387 Main
McClintock & Craig (& Engrs.), 33 Lyman
Seabury, B. Hammett, 21 Bessie pl
Sprague H. L. (& Engineer), 310 Main
Warner, Robt. B., 168 Bridge
Westhoff, Max H., 293 Bridge
Wozny Bruno, 381 Main
TAUNTON—Park Walter L.
Smith Gustavus L.
UXBRIDGE—Aldrich Leander S.
WALTHAM—Haines William, 314 Main
Hartwell Henry W., 147 Summer
Monaghan James F., 208 Newton
Ryan Miss Ida Annah & Luscomb F. H., Lawrence bldg
Strout Geo. E., 9 Dexter
VINEYARD HAVEN—Hinckley H. M.
WATERTOWN—Brigham Charles
Gray Arthur F.
Haynes A. F.
WESTFIELD—Harding Malcolm B.
Karr Wallace V.
WEST FITCHBURG—Fourner Auguste, 4 Ashburnham
WILLIAMSTOWN—Neal E. H.
WILLIMANSETT—Gendreau H. L.
WINTHROP—Clarke, Wm. E., 24 Lincoln pl.
Morse Edward P.
WORCESTER—Arlington Claude L., 507 Main
Briggs L. W., 314 Main
Chapin Edwin T., State Mutual bldg
Clemence Geo. H., 405 Main
Coulson Fred'k, 405 Main
Cutting, Carleton & Cutting, 44 Front
Demoorjian H. S., 340 Main
Fisher Clellan Waldo, 58 Front
Fitzgerald Edward P., 340 Main
Frost & Chamberlain, 390 Main
Fuller & Delano Co., 44 Front
Garland R. J., 340 Main
Hoyle Chas. R., Slater bldg
Hulslander John D., Park bldg
Jacques Urgel, 311 Main
Kingston John P. & Son, 518 Main
Lincoln Chas H., 6 Park av
Nault Onesime E., 8 Wall
Newton B. S., 1125 Pleasant
Rowe Thomas F., 518 Main
Topanelian Edw., 340 Main
Tribe Geo. T., 306 Main

MICHIGAN.

ADRIAN—Fretwell John
ALMA—Wood E. M.
ALPENA—Ouderkirk Thomas A.
ANN ARBOR—Boynton Louis H.
Koch Rupert W.
Lorch Emil
Pipp Herman W.
Scott Geo.
Stanton Samuel M.
Zells Louis F.
BATTLE CREEK—Arnold E. W.
Chanel A. B.
Doerr Burt O.
Puffer Harry
BAY CITY—Clark D. P.
Floeter P. C.
Pratt, Bickel & Campbell
BENTON HARBOR—Bennett & Lindenfeld
BIG RAPIDS—White A. J.
BLISSFIELD—Dickinson D. E.
DETROIT—Abraham S. F. & Barton D. Wood, Kresge bldg
Angell Harry S., Free Press bldg
Attwood & Trysell, Temple bldg
Barnardi, Walter A., Dime bk
Bauer Leo M., 43 John R.
Baxter, Odell & Halpin, Hammond bldg
Beckett Harold C., 406 Elks Temp.
Brandt Christian W., Kresge bldg
Bright, Geo. Co., 103 Marq. bldg
Brotherton & Cooper, Equity bldg
Brown, Preston & Derrick, Empire bldg
Building Ger. Bureau, 1336 Brush
Butterfield Wells D., David Whitney bldg
Buysse Eugene & E. Hartwick, 2958 W Grand blvd
Case J W., David Whitney bldg
Claus, J. S., 1614 Blaine
Club Andrew, Jr., Goebel bldg
Coquard, Leon, 1247 First
Crane C. Howard, Huron bldg
Darling H. J., Empire bldg
Dederichs, Peter, Det bk bldg
Donaldson & Meier, Penobscot bldg
Evans Fred A., Book bldg
Finn, Robert, 2631 Woodward
Garsytecki Walter F., 4701 Chene
Glaver Dinkelberg & Ellington, Book bldg
Gies Rowland C., David Whitney bldg
Gottesleben Oscar C., Dime Bank bldg
Gould A. H. & Son, Empire bldg
Graves Geo. Wm., Rowland bldg
Greene, Robinson, 36 State
Grenier, Francis G., Rowland bldg
Gurzdowski Jos. J., 901 Russell
Haas Geo. J., Kresge bldg
Hallett, H. H., 4864 Woodward av
Hamer, Hiram J.,2903 Montgomery
Harley, Alvin E., 2631 Woodward
Herman A. F., Owen bldg
Hill Frank E., Empire bldg
Hunter, W. E. N., 1436 Wash blvd
Kahn Albert, Marquette bldg
Kamper Louis, Book bldg
Kaster, J. G. & Co., Det bk bldg
Kasurin Bros., Empire bldg
Kavioff Otto H., Empire bldg
Koch Rupert W., Book bldg
Kohner, Henry, Kresge bldg
Kotting Charles, Dime Sav. Bk. bldg
Kroske Paul C., David Whitney bldg
Lane Horace H., Dime Sav. Bk. bldg
Lewis I. M., Congress bldg
Lund Claus D., New Telegraph bldg
McDonnell J. Philip, Dime Bank bldg
Macfarlane, Maul & Lentz, David Whitney bldg
Malcolmson & Higginbotham, & Palmer, 404 Moffatt
Mann & McNeille, Book bldg
Mason Geo. D., 80 Griswold
Mildner & Eisen, Hammond bldg
Millar H. T., Lightner bldg.
Miller John Lawson, Goebel bldg
Mills, Byron E., 74 W Adams
Muehlman & Farrar, Dime Bk. bldg
Nettleton & Weaver, Penobscot bldg
O'Dell H. A., Hammond bldg
Palmer Clarence William, Moffat bldg
Pollmar & Ropes, 213 State
Pottle Geo. V., David Whitney bldg
Raseman & Freier, Penobscot bldg
Readen Jos M., 2968 Whiting
Remey S. E., Whitney bldg.
Rogers, Bonnah & Chaffee, 528 Farwell
Rossello P. R., Congress bldg
Scisorek Louis, Farwell bldg
Scott John & Co., 2326 Dime bk
Smith Harry T., 7334 Wildemere
Smith, Hinchman & Grylls, Wash'n Arcade
Spier & Gehrke, 310 Park bldg
Stahl & Kinsey, McKerchey bldg
Stratton & Snyder, Union Trust bldg
Swirsky F. & Co., Equity bldg
Van Leyen, Schilling, Keough & Reynolds, 3440 Cass
Varney & Varney, 70 Wash bldg
Walsh & Odell, Cham. of Com. bldg
Wardrop Norval, 1564 Woodward
Weinberg J. I., Congress bldg
Wells, Beckwith & Cole, McKerchey bldg
Weston & Smith, 73 State
Wetzel B. C. & Co., Dime Bank bldg
Wiedmaier F. W., Campau bldg
Williams Bros., Kresge bldg
Wilson Arthur L., 13535 Woodward
Wilson J. Will, New Tel bldg
Wilson & Cato, New Telephone bldg
Winter, F. J., 2331 Dime bk
Wood, Albert
FLINT—Bachmann Geo. J.
Butler E. N.
Finster, G. C.
Macomber Grant J.
Swift Geo. H.
Thomas L. W.
GRAND RAPIDS—Allen Frank P. & Son, Houseman bldg
Appleyard Geo. T., Widdicomb bldg
Benjamin T. & Sons, Wenham bldg
Creager H. A., 2118 Francis SE.
Daverman J. & G., Ass'n of Commerce bldg
De Camp Lee, Empress Theatre bldg
Essebagger C. M., Empress Thea. bldg
Lindhout Pierre, Gr. Nat'l City Bk. bldg
Osgood Sidney J., New Herald bldg
Robinson & Campau, Houseman blk
Stone G. L., Widdicomb bldg
Turner H. H., Board of Education
Vierheilig C. G., 237 Front
Weemhoff Harvey H., Murray bldg
Williamson Crow & Proctor, 41 Monroe
HARBOR SPRINGS—Mead Earl H.
HOLLAND—De Weerd Geo.
Price James
HOUGHTON—Maas Chas. W.
IRONWOOD—Anderson C. J.
JACKSON—Allen Claire
Field L. H., Jr.
KALAMAZOO—Albertsoan Dan J. (Mill)
Batterson Ernest S.
Fairchild Chas. A.
LeRoy Rockwell A.
Vanderhorst-Billingham Co.
Van Volkenburg Forest D.
Worden G. G.
LANSING—Black Lee
Bowd E. A.
Butterworth S. D.
Churchill Judson N.
Moon D. B.
Phillips Eugene B.
White Thos. E.
MANISTEE—Peterson Gust (& Builder)
MARQUETTE—Charlton D. Fred.
MENOMINEE—Herbert Derrick
MONROE—Dunbar R. M.
MOUNT CLEMENS—Roy Melvin S.
Van Damme T.
MUSKEGON—Appleyard George T.
Van Der West & Pease
PAW PAW—Young C. C.
PONTIAC—Fisher Bros.
PORT HURON—Erb Isaac
Harvey Geo. L.
Kaumier John C.
SAGINAW—Cooper & Beckbissinger
Cowles & Mutscheller
Hollister F. W.
Mueller Henry B.
SAULT SAINT MARIE—Demar Edword
TRAVERSE CITY—Moore F. E.
Petersen Jens C.

MINNESOTA.

ALBERT LEA—Sorenson N. C.
AUSTIN—Hayes Paul J.
BRAINARD—White Bros.
BEMIDJI—Johnson Thos.
CROOKSTON—Keck Bert D.
DULUTH—Allred Wm. P., Jr., Fergusson bldg
Bray W. T., Torrey bldg
Broomhall E. F., Alworth bldg
Fitzgerald F. H., Alworth bldg
German & Jenssen, Exchange bldg
Gilinson E. C., Torrey bldg
Holstead & Sullivan, Palladio bldg
Kelley & Shefchik, Alworth bldg
Lignell A. Werner, Alworth bldg
Nystrom Carl E., Palladio bldg
Olsen P. M., Sellwood bldg
Puck Anthony, Torrey bldg
Stauduhar Frank X., Manhattan bldg
Terryberry Austin, Palladio bldg
Wangenstein J. J., Providence bldg
HIBBING—Puck, H. E.
LUVERNE—Green W. E. E.
MANKATO—Gerlach H. C.
Pass Geo. & Son
Schippel Albert
MINNEAPOLIS—Bennett D. C., McKnight bldg.
Bertrand & Chamberlin, N. W. Bk. bldg.
Brown Clarence J., Security Bk. bldg
Chapman George A., Auditorium bldg
Dorr & Dorr, Lumber Exchange
Edwins & Edwins, N. W. bldg
Fallows E. T., New York Life bldg
Gage Carl A., 1624 Harmon pl
Huey Geo O., N. Y. Life bldg
Hultgren W. P., (& Builder), 1314 Marquette av
Kees & Colburn, Plymouth bldg.
Keith, Walter J., 1722 Hennepin av
Kennedy Ernest, Essex bldg
Kenyon Wm. M., & Maine, Maurice F., Essex bldg
McElroy Clifford T., Esq., Palace bldg
Macomber Wm. K., McKnight bldg
Magney G. Renatus, Bldrs Exch
Mann Fred'k M., Metropolitan Bank bldg
Parsons C. Howard, Bldrs Exch
Sedgwick C. S., Lumber Exchange
Snyder Kirby T., Plymouth bldg
Stebbins & Haxby, Auditorium bldg
Stone Jacob, Jr., Sec. Bank bldg
Sund & Dunham, Essex bldg
Tyrie William W., Auditorium bldg
Van Dyck, A. R., 1st Nat Soo Line bldg
Westphal O. K., Kasota
Whitney Wm. Channing, Builders Exch
MONTEVIDEO—Granum Martin
MOOREHEAD—Friedlund Bros.
NEW RICHLAND—McGarvey G. A.
NEW ULM—Heers C. A.
NORTHFIELD—Vail Alva E. V.
ROCHESTER—Crawford H. H.
Hoffman Geo. J. & Co.
Miller, John
ST. CLOUD—Carpenter & Co.
Mann & Pinault
ST. PAUL—Alban W. L., Endicott bldg
Alden & Harris, Exchange Bank bldg
Bartlett Sam'l, Endicott bldg
Bassindale Lambert, Capital Bank bldg
Beuchner & Orth, Shubert bldg
Blewett Geo. A., Endicott bldg
Day Beaver Wade, 1410 Pioneer bldg
Devor A. S., Endicott bldg
Dolan F. M. & Sons, Globe bldg
Ellerbe F. H., Endicott bldg
Firminger H., Oppenheim bldg
Fleischbein A. C., Endicott bldg
Frost Chas. S., Capital Bank bldg
Harris & Alden, Exchange Bank bldg
Holyoke, Jemne & Davis, Endicott bldg
Holyoke Thos. G., Endicott bldg
Jacobson Silas, Capital Bank bldg
Jemne Magnus, Endicott bldg
Johnston Clarence H., Capital Bk. bldg
Klawiter Frederick C., 2077 Fairmont ave
Linhoff Peter J., Guar. Life bldg
Lockhart Geo. L., Endicott bldg
Lundie E. H., Endicott bldg
Mohn N. Edw., Endicott bldg
Moorman A. & Co., 501 Minn
Stem A. H., Endicott bldg
Stevens J. Walter, Exchange Bk bldg
Sullwold H. A., Endicott bldg
Slifer & Abrahamson, Endicott bldg
Taylor Bernard J., 1958 Carroll
Terry Harry W., Endicott bldg
Toltz K. & Day, Pioneer bldg
Wheeler Alfred H., Globe bldg
Wheeler J. H., Exchange Bank bldg
Wright M. A., Pittsburgh bldg
THIEF RIVER FALLS—Lutz J. C.
VIRGINIA—Okerstrom J. E.
Shand Charles K.
WILLMAR—Grover C. L.
WINONA—Myhre A. E.
Patterson C. A.

MISSISSIPPI.

BILOXI—Roof H. H.
BROOKHAVEN—McCormick Eugene
CLARKSDALE—Alsop M. M.
CLEVELAND—Suttle C. E.
COLUMBUS—McClanahan & Terry (& Builders)
GREENVILLE—Parker W. H.
GREENWOOD—McGeoy Frank R.
JACKSON—Austin H. N.
Hull W. S.
Overstreet N. W.
Spencer R. B.
Willis J. T.
MAGNOLIA—Kramer X. A.
MERIDIAN—Krouse P. J.
Stuart Burt
VICKSBURG—Carlisle Louis G.
Donovan Michael J.
Stanton Wm. A.

MISSOURI.

BOONVILLE—Ravenel Samuel W.
CAPE GIRARDEAU—Parlow W. E.
CARTHAGE—Ehlers A.
Prather J. A.
Simpson Percy K.
COLUMBIA—Pierce Harry L.
DE SOTO—Hemme Charles
FULTON—Bell M. F.
HANNIBAL—Martin Malcolm S.
Schmitt Ernest
HOPKINS—Akin John A.
INDEPENDENCE—McBride R. L.
Smith, Henry C.
JEFFERSON CITY—Miller & Chaffee
JOPLIN—Michaelis A. C.
Sudhoelter C. H. Co.
KANSAS CITY—Acme Eng. Co., 4430 Park
Anthony P. H., Waldheim bldg
Archer A. W., New Eng. bldg
Braecklein J. G., Victor bldg
Buckley A. H., Gloyd bldg
Cooley C. D. Co., Waldheim bldg
Curtiss Louis, 1118 McGee
Felt J. H. & Co., Grand av Temple
Harold L. Heakin, 4801 Broadway
Hoit Henry F., Reliance bldg
McKecknie & Trash, Gloyd bldg
Pampel H. D., Finance bldg
Root & Siemers, Scarritt bldg
Sanneman K. H., Reserve Bk. bldg
Shepard, Farrar & Wiser, R. A. Long bldg
Smith, Rea & Lovitt, Finance bldg
Van Brunt & Hartz, Reliance bldg
Wight & Wight, 1st Natl. Bk. bldg
Wilkinson & Crans, Reliance bldg
Ye Planry, Inc., Railway Exch. bldg
KIRKSVILLE—Dunbar Irvin
Dunbar J.
MEXICO—Elliott Ben. C.
MILAN—Schultz S. E.
MOBERLY—Abt Ludwig
NEOSHO—Garver Wm. L.
POPLAR BLUFF—Phillips E. B.
Walker L. B.
ST. JOSEPH—Boschen W., Tootle-Lacy Natl. Bk bldg
Eckel & Aldrich, Corby-Forsee bldg
Heim R. F., Bartlett bldg
Meier Rudolph, Lincoln bldg
ST. LOUIS—Allen Sam'l H., Security bldg
Abraham Nathan, 721 Olive
Baker Alfred M., 8520 Concord Pl
Barnett, Haynes & Barnett, Century bldg
Barnett T. P. Co., Arcade bldg
Black A. W. & Son, Security bldg
Boehmer Otto J., 3500 Palms
Bradley Chas. C., 4412 Olive
Brueggeman G. F. A., 3d Nat'l Bank bldg
Callahan Metal Weather Strip Co., 392 N. Euclid av
Cann & Corrubia, 119 N 7th
Clymer Harry G., Wainwright bldg
Davis Neal C., Central Natl Bk bldg
Deitering Chas. H. Central Nat'l B'k bldg
Detzen Henry, 4368 Connecticut
Dunham John M, 721 Olive
Eames & Young, Arcade bldg
Ellerman E. Aug., 4201 Magnolia av.
Enders, O., 812 Olive
Ewald & Allen, Security bldg
Foell Architectural Co., 3349 California av
Frankel A. B., Vogel bldg
Groves Albert B., 314 N 4th
Gruen Wm. H., 1520 Chestnut
Haeger Leonard, 3844A Utah pl
Helm Jacob, 211 N 7th
Helfensteller, Hirsch & Watson, Chemical bldg
Hellmuth & Hellmuth, De Menil bldg
Herding & Boyd, Title Guarantee bldg
Herthel John W., 119 N. 7th
Hess Ernest J, 3226 Magdalen ave
Hess Henry P., 4811 Cote Brilliante
Hirshstein J. M., 5777 De Giverville
Hohenschild H. H., Odd Fellows
Howard Norman R., Century bldg
Huff C. E, 1481 Union Bank
Imbs Thomas F., 2442 N Grand av
Ittner Wm. B., Bd. of Education bldg
Jamieson Jas P., Security bldg
Janssen Ernest C., Chemical bldg
Kennerly & Stiegmeyer, Benoist bldg
Kirchner H. Wm., 722 Chestnut
Kirsch Robt. G., 4068 Magnolia pl
Klipstein & Rathmann, Chemical bldg
Klutho Victor J., Syndicate Tr. bldg
Kreig Otto J., 4460A Arsenal
La Beaume & Klein, 315 N 7th
Laffer, Harry, 2938A Herbert
Laidig Clinton J., 1246 Clay av
Lantz Edw., 1139 Olive
Lee J. Sidney, 5205 Page blvd
Lee & Rush, Syndicate Tr. bldg
Leigh J. W., Odd Fellows bldg
Levy Wm., Arcade bldg
Lucas Wm. A., 3411 Halliday av
Lynch J. Hal & Son, Dolph bldg
McCarthy Joseph L. D., 722 Chestnut
McMahon Wm. P., Title Guaranty bldg
Maack Henry, 1742 Chauteaux ave
Maritz & Henderson, Chemical bldg
Mauran, Russell & Crowell, Chemical bldg
May Chas. F., 408 Olive
Meyer A., Central Nat. Bank bldg
Milligan Rockwell, 911 Locust
Mills Wm. H., 721 Olive
Niemann Emil W., 3816 Shaw ave
Nolte & Nauman, Fullerton bldg
Pagenhardt Max A., 611 Olive
Paulus John D., 4729 Northland av
Pendleton Louis B., 119 N 7th
Pipe G. W., 721 Chestnut
Popp Oliver J., Odd Fellows bldg
Powers Herbert W., 211 N 7th
Preisler Ernst, Title Guaranty bldg
Price Roy S. C., Arcade bldg
Raby Geo., 934 Goodfellow ave
Roach Harry F., Syndicate Tr. bldg
Saum, Architect, 625 Chestnut
Schaumberg Henry Jr., 3631 Conn.
Schumacher Steph. O., 3622 Keokuk
Senne & Albert, Central Natl. Bk. bldg
Shaffer M. T., Fullerton bldg
Sohrmann H. M., 816 Olive
Spearl Geo. W., 319 N 4th
Stauder A. F., Wainwright bldg
Study & Farrar, Arcade bldg
Thomson Robt. & Co., 704 E Carrie av
Tuchschmidt A. J., 105 N 7th
Victor Architectural & Building Co., 4926 Laclede av
Wagner Adolph, 3856 Flora boul
Walkmann Ed. H. A., 4926 Laclede av
Wedemeyer & Nelson, Wainwright bldg
Wees J. L., 623 Hamilton av
Wesshecher & Hillebrand, 705 Market
Wilhelmi Otto J., 406 Market
Wray Chas. H., Rialto bldg
Wuest Gustav P., Wainwright bldg
SEDALIA—Bast T. W.
SPRINGFIELD—Brettner O. L., Holland bldg
Foley W. E., Baker blk
Heckenlively J. L., Landers bldg
Reed Geo. F., Holland bldg
WEBSTER GROVES—Opperman C. B.

MONTANA.

ANACONDA—Fisher Homer
Hyslop W. W.
Smith Joseph
BILLINGS—Arnold Walter, Daly Bank bldg
Cohagen Chandler C., Electric bldg
Derrick Warren A., Electric bldg
Cliff Glenn H., P O 1121
Link J. G., Electric bldg, P O 497
McAlister G.
McIver, C.
Plem, Wm. R., Montana State College
BOZEMAN—Angus V., Electric bldg
BUTTE—Arnold & Van House, Daly Bank bldg
Howell H. W., Lewisohn bldg
Linkard Harry, Daly Bank bldg (branches at Helena, Billings, and Lewiston, Mont.)
Max Allen Van House, Daly Bank bldg
O'Brien Wm. A., 30 E Bway
Seaquist John E., 1200 W Diamond
Smith, Wellington W., High School
Teague J. C., Daly Bank bldg
DILLON—Roode S. M.
GREAT FALLS—Baker Chas. H., First Natl Bank
Bird Geo. W., 814 First Natl Bank
Bird & Van Leylingen
Haas S. H., 208½ Central av
Mowery W. R.
Johnson Henry Hall
Schuppert R. C., 74 Stanton Bank
Shanley G. H., 512 First Natl. Bank
Shanley & Baker
Van Teylingen J.
HARDIN—Pruett Chas.
HARLAMTON—Dreyer Anthony J
HAVRE—Bossout
Ellinger Geo. E.
Lancaster Roy P.
HELENA—Carsley Geo. H., Power Block Annex
Haire C. S., Power Block
Kirk C. H., Montana Club
KALISPELL—Riffa Marion B.
LEWISTON—Otto F.
Potter Claude B.
MILES CITY—Pruett Grover C.
Rivenes Brynjulf
MISSOULA—Bakke O.
Forbis Clarence J.
Gibson Albert J.
Kennedy & Forbis
Marshall Walter V., P O Box 1598
Morin Eugene
Ole Bakke, Gibson Block
RED LODGE—Suiter Chas.
ROUND TOP—Grant John H.
THREE FORKS—Dwyer & Waldorf
WHITEHALL—Micklethwaite Thomas C.

NEBRASKA.

BEATRICE—Grant R. W.
BENKELMAN—Christensen J. H.
BLAIR—Vaughan Louis
COLUMBUS—Grabe & Helleberg
Wurdeman Chas.
FREMONT—Clark Tom
Dyer A. H. Co.
West J. A.
GENOA—Redbird Simon
GERING—Pedersen J. C.
GORDON—Sailor C. H.
GRAND ISLAND—Crocker Frank
Good Charles
Kirschke Oscar R.
HASTINGS—Bradley Robt. E.
Way C. W. Co.
LINCOLN—Berlinghof George, S. M. L. bldg

Cordner J. G., Bankers' Life bldg
Davis Ellery, S. M. L. bldg.
Fiske & Meginnis, Bankers' Life bldg
Larsen Clarence H., Terminal bldg
Miller J. B.
Smith, John R., Nebraska Street bldg
Tyler-Brandt & Tyler, Richards bldg
Woods A. W. (Church Work), Ganter bldg
NORFOLK—Stitt James C.
Townsend G. E.
OMAHA—Bollard & Webster, McCague bldg
Brigham N. R., Keeline bldg
Craddock James H. & Co., 315 S 15th
Dodds Everett S. Co., Brandeis Theatre bldg
Ellert & Lahr, World-Herald bldg
Gernandt W. F., Keeline bldg
Fisher Geo. L., City National Bank bldg
Foster Sydney H., Wilkinson bldg
Guth J. P., Paxton bldg
Henninger F. A., Security bldg
Kimball Thos. R., World-Herald bldg
Krelle F. W., Omaha Nat'l Bank bldg
Kvenild B., Brandeis Theatre bldg
Latenser Jno. & Sons, Peters Trust bldg
Lawrie Harry, Paxton blk.
McArthur J. G., Keeline bldg
Nachtigall J. M., Paxton blk.
Nye Chas. M., Peters Trust bldg
Porter & Schrieber, Brandeis Theatre bldg
Printz Geo. B., Omaha Nat'l Bank bldg
Raapke H. A., City Nat'l Bank bldg
Steinbaugh C. W., Brandeis Theatre bldg
Stockham W. E., Railway Exchange
Stott Frederick S., John L. Kennedy bldg
Weigand Oscar A., Peters Trust bldg
SCOTTSBLUFF—Hehnke O. J.

NEVADA.

RENO—Curtis M. J.
De Longchamps F. J.
Ferris Geo. A.
Holesworth Geo. E.
Lewis & Ellery
Schadler F. M.
VIRGINIA CITY—Dickson R.

NEW HAMPSHIRE.

BERLIN—Bates H. C.
CAMPTON—James D. B.
CLAREMONT—Beckwith H. R.
Martin Clarence L.
CONCORD—Forrest C. S.
Griffin Geo. W.
DOVER—Brown George
Ramsdell A. T.
Richardson J. Edward
KEENE—Mason Harold E.
Spraulding M. O.
LISBON—Morgan S. D.
MANCHESTER—Baker J. Edw.
Butterfield W. M. Co.
Hutchins & French, Amoskeag Bk bldg
Martel Louis E., 102 Bridge
Provost Wilfred E.
Whitcher C. R.
MILTON—Jones I. W.
MONADNOCK—Mauran John Lawrence
NASHUA—Holt Duane F. & Son
PORTSMOUTH—Paul Henry S.
Trueman S. S.

NEW JERSEY.

ARLINGTON—Calabrese Ralph, 97 Duncan N. A.
Lainhart Fred A., 628 Devon
Salmond Bros., 526 Elm A.
Zachan Chas. F., 437 Highland av
ASBURY PARK—Arend Ernest A.
Cottrell A. F.
Dodge Paul L.
Towner K. MacM.
ATLANTIC CITY—Dobbins Seward G.
Ireland Bertram
Mathis J. Vaughan
Mergenthaler Richard H.
Ogden Jos. R.
Riebenack William B.
Smith Vivian B.
Steelman Alfred B.
Stout Howard A.
Vaughn S. Hudson
BAYONNE—Anderson D. G., 472 Bway
Goldberg Carl L., 437 Broadway
Lord Fred K., 105 Ladd
Riley E., 63 W 34th
Schmidt John J., 352 Avenue C
BELMAR—Allen Wilson E.
BERLIN—Adams Geo. H.
BLOOMFIELD—Bancroft Francis W.
Eilenberger C. W.
Pierson Fred L.
BOONTON—Lee, Harry V.
BOUND BROOK—Bent F. H.
BURLINGTON—Allinson Geo. A.
Brown Hy. A.
CALDWELL—Bartlett Herbert F. J.
Lockward Lynn G.
CAMDEN—Custer & Gill
Moffett & Stewart
Seidille E. E., 525 Market
Stephen Thos.
CLIFTON—Strong Lambert, Main & Clifton avs.
COLLINGSWOOD—Rice Harry H.
CRANFORD—Bell Clyde Chas.
DOVER—Vreeland J. J., Jr.
EAST ORANGE—Baldwin Chas. H., 564 Main
Bower W. Frank, 44 Harrison
Eagles Israel C., 153 N 16th
Garrabrandt Wm. E., 343 Main
Shepard Benj. H., 564 Main
Walker Hobart A., 336 Main
EDGEWATER—Hayek Andrew A.
ELIZABETH—Beatty J. B., 15 N Reid
Clum Wm. E., 6 Elm
Edwards Robert C., 579 Westfield av
Gray & Ring, Inc., 280 N Broad
MacQueen J., 560 Walnut
Oakley, Chas. W., 1259 Clinton pl
Poggi C. Godfrey, 2 Julian pl
Quien Louis, Jr., 229 Broad
Ring C. G., 280 W Broad
ENGLEWOOD—Ferry John J.
GARFIELD—Gerritsen Henry
Pirrone Frank
Vegliante Anton L.
GLENRIDGE—Staab Wm. F.
GUTTENBERG—Weber Jos.
GRANTWOOD—Drew George S., 42 Warren av
HACKENSACK—Bogert C. V. R., Esq., 167 Main
Collins Geo. (& Builder), 1st & Berry
Eurich Frank. Jr., 173 Main
HARRISON—Baker Jos. W., 111 N 4th
Kennedy Joseph, 316 Devon H.
HASBROUCK HEIGHTS—Morison Augustus B.
HOBOKEN—Beyer Max J., 79 River
Brokhaus Geo. C., 402 Washington
Dieffenbach, C. F., 84 Washington
Fischer Fred. Sr., 1240 Garden
IRVINGTON—Allen Jos. B.
Hopper Daniel A.
Kleeman August M., 735 Springfield av
Kleeman Emil H., 23-22nd
Lemmer Fredk.
Sonnenberg Jos.
Strombach & Martens, 989 Springfield av
JERSEY CITY—Davis Abraham, 13 Newark av
Bauhn R. W., 47 Booraem av
Brady H. B., 100 Sip A & 76 Montgomery st
Flagg Geo. A., 665 Newark av
Guhl E., 19 Chas.
Imhoff Jas. C., 76 Montgomery st
Long C., E 665 Newark av
Neumann William, 314 Palisade av
Patterson Edward M.
Resch Jno. A., 170 Lexington av
Rowland John T. Jr., 100 Sip av
Sailer Rudolph W., 76 Montgomery
Shannon Robt., 2 Bernius
Tesch G. D., 23 Whitman
Tilton Wm. A., 76 Montgomery
Von Arx Geo. W., 75 Montgomery
Weltoff Nathan, 76 Montgomery
Walpe W. H., 159 Carteret av
Ziegler Christian H., 75 Montgomery
KEYPORT—Young Henry A.
LITTLE FALLS—Chubb Andrew, Jr.
LONG BRANCH—Cubberly Leon
Wilson Clarence D.
MAHWAH—Bennett Edwin T.
MONTCLAIR—Baker John E., 74 N Fullerton av
Baker John E., Jr., 74 N Fullerton av
Fisher H. Messinger, 483 Bloomfield av
Lockwood Jesse H., 114 Watchung av
Myers Christopher, 460 Bloomfield av
Van Antwerp Dudley S., 44 Church
Yost Henry L., 219 Walnut
MOORESTOWN—Le Coney Wm. G.
MORRISTOWN—Behr Frederick H.
Mills Geo. A.
Pierson Arthur S.
Vandoren Wm. C.
Weir Collins B.
MURRAY HILL—James Marshall T.
NEWARK—Acocella J. B., 9 Clinton
Apgar John A., 246 N 7th
Arenander Carl E., 537 Summer av
Baekoff, Jones & Cook, 9 Clinton av
Baldwin Chas. P., 45 Clinton
Bartlett W. Orrin, 738 Broad
Bessman Samuel P., 20 Clinton
Betells James O., 665 Broad
Bottelli Romolo, 207 Market
Capen John F., 207 Market
Cella John B., 185 Market
Cohen Simon, 163 Springfield av
Connelly Arthur, 46 Breitnall pl
Convery N. J., 764 Broad
Del Guercio A., 800 Broad
Eisenbeigler Wm., 661 Springfield av
Ely J. H. & W. C., Fireman bldg
Erler Richard W., 45 Clinton
Fitzsimons & Richards, J., 207 Market
Fougner Ernest H., 164 Broad
Gonnelli A., 74 Cutler
Grad Frank, 245 Springfield av
Grant Edw. E., 397 Washington av
Green Jordan, 27 Clinton
Guilbert & Betelle, 665 Broad
Harris Nathan, 738 Orange av
Hauser Edgar F., 9 Clinton
Higby Gilbert C., 207 Market
Hooper & Co., 118 Market
Hughes & Horton, 15 Central av
Jones Geo. E., 9 Clinton
Jones W. Davenport, 31 Clinton
Kern F. C., 14 Gladstone av
King Henry J. & John V., 9 Clinton
Klemm Robert C., 9 Clinton
Klemont M. O., 738 Broad
Knopf Chas., 523 Springfield av
Koenigsberger F. H., 665 Broad
Kohn Paul, 21 S Orange av
Lake Frederick, 9 Clinton
Lehman Wm. E., 738 Broad
MacLagan Peter T., 552 Summer av
Marsh Wm. D., 31 Clinton
Merten Paul, 103 Osborne terrace
Murray Clifford E., 20 Clinton
Myers Nathan, 71 Nelson pl
Nadel Moses J., 15 Clinton
Nobbe Fred, 142 Market
Peter, Alfred, 830 Broad
Phelps Fred A., 11 Clinton
Pigott Jas. S., 665 Broad
Pryor Robert L., 859 Broad
Reeve H. Edward, Prudential bldg
Rizzolo D. R., 633 N 6th
Robertson Harvey, 230 Highland av
Rosensohn Hyman, 800 Broad
Schoenig Wm. K. & Son, 422 Springfield av
Scudder Henry D. Jr., Essex bldg
Shoemaker Marshall N., 15 Central av
Silberstein M. B., 119 Springfield av
Steinbrenner Chas. L., 31 Clinton
Stout E. C., Prudential bldg
Strombach V. H., 222 Market
Sutton F. S. & S. E., 9 Clinton
Valentine Chas. M., 158 Summer av
Veix & Klebold, 738 Broad
Waferling John A., 810 Broad
Walters Alfred, 45 Clinton
Warren Edward V., 801 Essex bldg
Warren John B., Essex bldg
Wurth Ed. A., 207 Market
NEW BRUNSWICK—Boylan Wm. H., 390 George
Merchant Alexander, 363 George
Williamson D. D., 390 George
NORTH BERGEN—Manahan Edwin F.
NORTH PLAINFIELD—(See Plainfield)
OCEAN CITY—Van Gilder Ralph Hayes
ORANGE—Colt Samuel S.
Eichhorn Augustus, 81 Essex av
Lamb John J.
Melendy Geo. E.
Norelli Nicholas A.
Nucciatone Albert P., 9 Taylor
Scrocco Daniel J., 263 Main
PALISADE—Sibley Ernest
PASSAIC—Doane E. E., 48 Carlton pl
Fritz Herman, 237 Main av
Ginsburg Abraham, 11 Bloomfield av
Kelly John F., P. O. bldg
Meeker Wm. M., Park & Exchange pl
Pattison Warren C., 637 Main av
Preiskel Abram, Hobart Trust bldg
Struyk John S., Post Office bldg
Waterhouse Chas B., 657 Main av
PATERSON—Benjamin Chas. H., 772 E 25th
Cal Elliott R., 136 Washington
Crosby H. B., 1st Nat'l Bank bldg
De Rose Jos., 119 Ellison
Dickinson W. E., 156 Washington
Edwards Chas., 129 Market
Fanning Wm. T., Colt bldg
Fielding Fred A., 117 Buffalo av
Gordon Wm. F., 136 Washington
Grosso Flavio B., 126 Market
Rutan Abram R., 9 Colt
Schwarz Fred'k J., Colt bldg
Sleight Albert E., 136 Washington
Stephens Harry Thornton, 152 Market
Van Viandren & Cuhier, 140 Market
Wentworth Fred. W., 140 Market
White Chas. E., 617 E 24th
PERTH AMBOY—Brooks Geo. W.
Dayton & Smith
Goldberger & Greisen
Pierson J. N. & Son
PLAINFIELD—Fisher Geo. H., Jr., 224 Manson pl
French Edw. V., 143 North av
Metcalf Fred L., 143 North av
Smith Chas. H., 124 Grove
POMPTON PLAINS—Phillips Albert
PRINCETON—Hill Harry A.
RED BANK—Delatush J. C. & G. A.
Swannell Jos.
Terhune Edgar A. Cor. Hudson av & Linden pl.
ROSELLE PARK—Polhemus P. B.
SEABRIGHT—Thorp Alfred H. Esq
SHORT HILLS—Renwick, W. W.
Thomas Tysillo
SOMERVILLE—Van Nuys P. C.
SOUTH ORANGE—Bird Louis Francis
Colley Chas. E.
SPRINGFIELD—Carter Wm. P.
SUMMIT—Cady Jno. N.
Dow J.
Shapter Rich. S.
White B. V.
TEANECK—Suppes John F.
TENAFLY—Redfield Henry W.
TOMS RIVER—Elkinton P. P.
TOWN OF UNION—(See Weehawken)
TRENTON—Consolly Robert G., 114 N Montgomery
Fowler & Seaman, Broad
Hill Harry A., 40 E. State
Hunt J. Osburne, 114 N Montgomery
Klemann Wm. A., First Nat'l Bank bldg
Pette John P., 131 Jackson
Poland W. A., 9 S Stockton
Schumann Robt. A., 932 Lamberton
Slack Wm. W., St. Regis bldg
Thines Wm. B., Commonwealth bldg
Tomlinson Harry C., 917 Melrose av
UNION HILL—Lugosch J. D., 21 Bergenline av
Schultz Peter L., Dispatch bldg
UPPER MONTCLAIR—Mead Charles A.
Simpson A. W.
VINELAND—Fisher Henry, 97 Main road
WEEHAWKEN—Dixon Robt. C., 548 Park av
Vivarttas Percie A., 110 4th
WESTFIELD—Collins Edw. R.
Darsh Chas. H.
WEST HOBOKEN—De Paola Angelo, 117 Summit av

NEW JERSEY—West Hoboken—contin'd.
Helmers Jno. G., 814 Union
McDermott Edward Co., 532 Spring
Randall Chas. W., 201 Lake
Schultz Peter L., 256 Summit av
Weber Jos., 411 Spring
Weir W., 309 Gaugehgue
WEST NEW YORK—Lugasch J. P., 21 B'line av
Marangelo W. J., 524 Hudson
Mayers W., Jr., 71 B'line av
Muller Chas. H. A., 322 15th
Schoen Alex C., 711 Bline av
Turck Joseph, 770 Bergenline av
Willaredt Geo., 411 23d
WEST ORANGE—Decker John, 19 Ridgeview av
Tappan Frank E.
Roos Carl L., 252 Main
WESTVILLE—Dickinson Frank L.
WILDWOOD—Boyer Lynn H.
WOODBRIDGE—Meyer Hans
WOODBURY—Shivers Clifford H.

NEW MEXICO.

ALBUQUERQUE—Cristy Edward Buxton
La Driere J. L.
DEMING—Brown Edwin H., Am. Red Cross, Camp Cody
EAST LAS VEGAS—Hart E. W.
ROSWELL—Carr C. R.
Nelson J. M.
SANTA FE—Rapp I. H. & W. M. & Hendrickson A. C.

NEW YORK.

ALBANY—Delehanty Andrew L., 17 Steuben
Ahrens Edward, 100 State
Brainard Clarence H., 456 Delaware av
Egerton Wm. S., 234 Lark
Emery M. L. & H. G., 1 Clinton sq
Fuller & Robinson Co., 95 State
Gander Jos. J., 17 Steuben
Gleason Thomas L., 45 Maiden la
Heidrich Chas. A., 11 Woodlawn av
Johnson J. Henry, 95 State
Lake John F., 36 State
Loth & White, 130 State
Obenus Nichols Co., 119 State
Ogden Chas. G., 17 Steuben
Ogden & Gander, 17 Steuben
Pember & Campaigne, 24 James
Reynolds Marcus T., 100 State
Selkirk Alex. 133 N Pearl
Shoemaker J. D., 24 James
State Architect's Office, Capitol bldg
Sussdorf Chas. A., 100 State
Van Benthuysen B., Sheridan av
Van Guysling W. H., 1 Clinton sq
ALEXANDRIA BAY—Reid J. B.
ALTAMONT—Wright Wheeler D.
AMITYVILLE—Inglee Lewis
AMSTERDAM—Cassidy David D.
Grieme Henry W.
Savage Wm.
ASTORIA—(See N. Y. City, Borough of Queens)
AUBURN—Armstrong Frank H., Seward blk
Hilger Samuel E., Seward blk
Tallman & Betts, 17 Dill
BABYLON—Kelwin H. J.
Van Weelden H.
Wichman H. G.
BALDWIN—Carretto Gustave
Krawiec I.
Seaman A.
BATAVIA—Homelius Frank H.
BEACON—Van Slyck Chas. B.
Venus Alfred Day
BINGHAMTON—Dickerman E. W., Peoples Trust Co. bldg
Gardner H. S., Ackerman bldg
Jewell & Umbrecht, Kilmer bldg
Kaley L. J., City Hall
Lacey Sanford O., Phelps Bank bldg
Lacey T. I. & Son, Kilmer bldg
Tiffany & Conrad, Phelps Bank bldg
Vosbury C. Edward, Savings Bk. bldg
Whitlock Walter H., Security Mutual bldg
BREWSTER—Waite Frank E.
BRONXVILLE—Kent W. W., Lawrence Park
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Associated Buffalo Architects, 232 Delaware av
Berry Stephen R., 445 Breckenridge
Bley & Lyman, 250 Delaware av
Bradley & Lamphear, Liberty bldg
Brickell Wm. S., 732 Ellicott sq
Brown Jos. A., 778 Genesee
Buell Benning C., 449 Main
Cary Geo., 101 W Huron
Caudell Wm. M., 507 W Delavan av
Chappelle Frank H., 743 Ashland av
Colson-Hudson, Dun bldg
Cook Harold I., Dunn bldg
Coxhead John H., 928 Ellicott sq
Dell Emerson C., 65 Monticello av
Dunning Neal M., Prudential bldg
Eckel Louis P. J., 191 York
Esenwein & Johnson, 775 Ellicott sq
Fayfield Robert C., Iroquois bldg
Francis Wm. C., 64 Pearl
Fuchs Wm. L., 193 Ashland av
Geigand Jos. J., 346 Herman
Gould Geo. C., 172 Summit av
Green Edw. B. & Sons, Inc., 75 Niagara
Greenstein L., Prudential bldg
Hansauer Jacob S., 82 Wallace av
Harris & Merritt, Erie Co. Bank bldg
Holland H. Osgood, 108 Highland av
Hopkins Albert Hart, 447 Main
Horton Harvey S., Prudential bldg
Impellitieri Jos., 156 Elmwood av
Joralemon Edgar E., 482 Delaware av
Kidd F. J. & W. A., 232 Delaware av
Lansing & Oakley, 70 W Chippewa
Lapi Salvatore L., 81 Johnson Pk
Lewis & Hill, Brisbane bldg
McNeil Daniel C., 80 W Genesee
Mang Gustovus A., Erie Co. Bk bldg
Mann Paul F., 222 Ellicott sq
McNeil David C., 80 W Genesee
Miller Martin C., 52 Niagara
Minks Richard, 290 Hoyt
Moeller Edw. H., 394 Pearl
Mott Chas. Earle, Prudential bldg
North, Shelgren & Swift, Niagara Life bldg
Oberkircher Jacob, 46 Orange
Orr Ulysses G., 30 Norwood av
Ort A. John, 70 W Chippewa
Porter Cyrus H. & Sons, 73 W Eagle
Post A. A., Brisbane bldg.
Reidpath Robt. J. & Son, Mutual Life bldg
Rice Henry, 73 W Eagle
Roberts Frank M., 314 Potomac av
Schmill Carl & Son, Prudential bldg
Schultz Julius C. (Breweries, etc.), 1370 Main
Schurman Frank M., 18 Maple
Seiner John G., 5 W Utica
Setler Geo. A., 67 Burch av
Sholes E. Roy, 16 Exeter av
Spangenberg Frank A., Prudential bldg
Spann Henry L., Mutual Life bldg
Swain Herbert C., 277 Oxford av
Walker Jas., Prudential bldg
Wallace Robert A., Mutual Life bldg
Wannenwetsch C. H. A., 563 William
Wesley Frank H., 98 Winslow av
Wettstein Chas., 48 A
Wicks & Hopkins, 110 Franklin
Wolfe G. Morton, 1377 Main
Wood & Bradney, 1920 Huron
Zakrzewki Joseph, 342 Walden av
Zawadski Walter K., 798 Fillmore av
CARTHAGE—Patterson A. W.
CATSKILL—Beardsley C.
CENTRAL SQUARE—Smith Thos.
CLIFTON SPRINGS—Barton George Edw., Consolation House
COHOES—Goddard Wm. M.
CORNING—Tuthill S. E.
CORNWALL—Taylor Harvey B.
CORTLAND—Clark C. W.
EAST HAMPTON—Lawrence J. Custis
EAST SETAUKET—Lyons T. H.
ELMIRA—Bickford H. H., 118 Lake
Pierce & Bickford, 120 Lake
ENDICOTT—Crawford F. S., 18 Adams av
EVERGREEN—(See New York City, Borough of Queens)
FAR ROCKAWAY—(See New York City, Borough of Queens)
FLUSHING—(See New York City, Borough of Queens)
FREDONIA—Beebe H. P.
GENEVA—Adams Lloyd P.
Hill I. Edgar
GLENS FALLS—Howe Clinton
Lawrence W. E.
McDonell J. Harold
Potter E. B.
Scales W. J.
Shippey Ward G.
GLOVERSVILLE—Beattie Arthur A.
Comstock & Van Dreser
Moul Henry S.
GREENWICH—Smith Frederick G. C.
HASTINGS UPON HUDSON—Hastings F. L.
HEMPSTEAD—Baylis I. B.
HERKIMER—Cassidy S. W.
Cronk Charles E.
Sluyter R. E.
HORNELL—Losie C. S.
Thompson E. J.
HUDSON—De Prosse Victor A.
Moul H. S.
O'Connor M.
ISLIP—Scheffer Morris L. J.
ITHACA—Gibb Arthur N., Trust Co. bldg
Hinckley Henry N., Savings Bank bldg
Martin Clarence A., Cornell University
Miller & Mallory, 139 E State
Miller William Henry, Sage block
Phelps Albert C., Cornell University
Vivian Clinton L., 120 E State
Waltz Ornan H., Trust Co. bldg
Wilgus Jno. M., 102 E State
Young Geo. Jr., College of Arch., Cornell
JAMESTOWN—Hultgreen C. O.
Mason Joseph
Pederson C. C.
Phillips, Fidler & Beck
Rulifson J. W.
JAMAICA—(See New York City, Borough of Queens)
JOHNSTOWN—Simmons P. M. (& Builder)
KATONAH—Wetzel John A., Hillbourne
KENWOOD—Skinner Theodore H.
KINGSTON—Betz Gerard W.
Lowe George
Rice Thomas P., 72 Summer
Teller Myron
LARCHMONT—Fish Ferd, (Suburban work only)
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Rich W. H. Son & Co.
MALONE—Hugaboom S. G.
MAMARONECK—Oakley Chas. T.
MARATHON—Holmes John (& Builder)
MASPETH—(See New York City, Borough of Queens)
MIDDLETOWN—Canfield D. H.
Valkenburgh E. P.
MOUNT KISCO—Meres F. Guy
MOUNT VERNON—Acocella Michael A.
Greenfield Robt. A., P. O. bldg
Guttenberg S. A., Proctor bldg
Jenks A. Murray
Krais William, 146 Vista pl
Lucas Herbert, Lucas bldg
Middleton Wm. B., 110 W Sidney av
Miller Geo. L., 13 S 3d av
Olphert Geo. H. Jr., Proctor bldg
Perry James H., 349 S 4th
Rogers Robert E., 347 S 4th av
Stickles Walter F., 10 N 2nd av
Wolf Clarence J., 3 S 3d av.
Wright, Frank M., 36 Claremont pl
NAPANOCH—Norden Andrew B.
NEWARK—Krabbenschmidt E. A. P.
Van Buren Charles
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEW ROCHELLE—Banard Lawrence, 46 Lawton
Calafati Salvator S., 224 Main
Fernschild Geo. J., Jr., 192 Main
Giorla Giuseppe, 19 Madeleine av
Kilthau Girstav, 1 Neptune Island
Lupprain Chas. A., 180 Main
McCormick Harry E., 270 Main
Sundberg August, 78 North av
Vallett Henri, 11 North av
Winter Frederick E., 270 Main
Wise Lorrillard, 254 Huguenot

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Adams Frank, 216 Boerum
Adelsohn E. M., 1776 Pitkin av
Allmendinger Louis, 20 Palmetto
Banks Robert V., 95 Bway.
Bauer C., Jr., 788 Manhattan av
Bennett Thos., 7876 5th
Berlenbach Francis J., Jr., 360 Graham av
Bly & Hamann, 833 St. Johns pl
Boyle Jas. A., 367 Fulton
Boyle & Prowler, 367 Fulton
Brandin Wm., 55 Vanderveer av
Braun Chas., 459 41st
Brook Abraham, 215 Montague
Brooks Irving, 215 Montague
Brucker Henry C., 720 Prospect av
Burke & Olsen, 32 Court
Cannelia Chas. P., 1163 Herkimer
Cantor M. A., 373 Fulton
Carlson Arthur G., 226 Henry
Carlson & Wiseman, 226 Henry
Clausmitzer John, 55 Bay 34th
Cohn Bros., 363 Stone av
Cohn Max, 189 Grand
Conway W. J., 400 Union
Corbett Harvey W., 190 Montague
Cornell Jos. H., Mott av
Crane Geo. E., 615 Stoothoof av
Cromwell J. J., Walsh av
Crowley Arthur F., 144 West av
Dangler Harold G., 215 Montague
Dassau Fred'k, 1373 B'way
Debus Wm., 86 Cedar
Dreyer Jno. G., 75 Oakland
Dreisler Benj., 153 Remsen
Dussich Jos. L., 196 Bay 14th
Eisenla Frederic W., 571 77th
Engelhardt C. P., 905 B'way
Entlich Henry M., 413 S 5th
Erda Gustave, 826 Manhattan av
Esterbrook H. E., 1463 Fulton
Farber Abraham, 1746 Pitkin av
Farber & Markwitz, 189 Montague
Fein J., 215 Snediker av
Finkensieper Benj., 346 Vernon av
Fischer Adam E., 373 Fulton
Foster C. A., 15 Hawthorne
Friedland Louis H., 177 Penn
Gastmeyer Chas., 1652 Myrtle av
Gens Chas. Jr., 1015 E 2nd
Glover J. G., 222 Navy
Glucroft & Glucroft, 729 Flushing av
Goldberg Adolph, 354 State
Goldstone, Tobias, 50 Graham av
Gronenberg H., 1857 63rd
Guldberg Chris A., 390 Clinton
Hamann J. Henry, 109 Forest av
Harvie Harry R., 402 9th
Hedman Axel S., 371 Fulton
Helmle Frank J., 190 Montague
Heps Henri C., 358 N. Y. av
Hirsch Max, 215 Montague
Holder Henry, Jr., 242 Franklin av
Holmgren Eric O., 373 Fulton
Imperato F. P., 100 Degraw
Infanger Chas., 2634 Atlantic av
Jarden C. J., 1760 81st
Jeffrey H. T., Jr., Fulton
Kallish Isaac, 2208 Bath av
Kelly Frank E., 16 Court
Kennedy J. Sarsfield, 157 Remsen
Klein Murray, 116 Grove
Kleinhenz J. G., 1839 E 12th
Koch Arthur R., 26 Court
Korber Herbert W., 42 Hanson pl
Kunzi Albert C., 31 Winifred
Kunzi & Waillant, 394 Graham av
Kurth Otis E., 220 8th av
Kurz Robt., 324 Fulton
Lacerenza W. A., 172 Pennsylvania av
Laspia & Salvati, 525 Grand
Lauritzen L., 65 De Kalb av
Le Brun P. L., 111 Joralemon
Leppin Wm. F., 1335 St. Mark av
Linn John N., 300 12th
Liquoraik Herman, 255 Concord
Lobenstein Geo. J., 230 Martense
Lubroth J., 2210 Bath av
Lucas D. A. & Co., 98 3rd
Ludwig Rudolph, 9 Jackson av
Ludwig Wm. H., 801 Eastern Parkway

Lupien A., 1204 Carroll
McCarthy W. T., 16 Court
McDonald Jas. A., 1630 Surf av
McGill H., 635 St. Marks av
McKillop Jas., 154 India
Madigan G. Harry, 243 Withers
Malkind Samuel L., 1270 54th
Mastrocolia Nickolas, Railroad av
Michel J. G., 323 45th
Millman S. & Son, 1780 Pitkin av
Morris Montrose & Son, 533 Nostrand av
Morris Robert R., 720 Decatur
Nurick H. J., 949 B'way
Parfitt Bros., 26 Court
Pierce A. White, 26 Court
Prower Gilbert I., 1959 Homecrest av
Purdy Raymond Jones, 167 76th
Ramming Walter I., 3753 Fulton
Reiser Mac L., 198 Bristol
Ricca J. M., 40 Hamburg av
Richardson A. Edw., 100 Amity
Richter Wm., 367 Fulton
Rocker, Harry, 373 Fulton
Roosa Fredk H., 316 Flatbush av
Rothstein Morris, 197 Snedeker av
Rupp Bros., Inc. (& Builders) 180 Montague
Ryan William J., 162 Ryerson
Sabetti Frank P., 215 Montague
Salvati D., 525 Grand
Savignano Ferdinand, 6005 14th av
Schaefer Robt. J., 1526 Flatbush av
Schoen Eugene, 371 Fulton
Shampan & Shampan, 50 Court
Silverstein H., 783 Jefferson av
Simon M. R., 1474 Putnam av
Simpson Jno., 430 48th
Simpson E. B., Hempstead Turnpike
Slee & Bryson, 154 Montague
Spers Carl Jr., 7523 Ridge Blvd
Spindler Chas. M., 215 Montague
Stange Gustave, 90 Hale av
Steigman Philip, 690 B'way
Stellges Edw. W. Jr., 40 Kneer av
Stork F. W., 7416 3d av
Thieme Fred R., 619 81st
Thode & Harvie, 406 9th
Tillion Philemon, 381 Fulton
Todaro Vincent S., 1838 W 8th
Ulirich Albert, 373 Fulton
Ulirich & Hoffman, 373 Fulton
Vollweiler Fred, 1612 B'way
Vollweiler Hy., 696 Bushwick av
Volz Hans C., 373 Fulton
Von Felde Wm., Middle Village
Voss & Lauritzen, 65 De Kalb av
Wagner Chas. C., 32 Court
Wandell Jno. C., 3525 4th av
Weinstein Martyn N., 1270 54th
Werner Chas., 316 Flatbush av
Werther J. E., 371 Lockwood
Whinston Morris, 459 Stone av
Wills Walter B., 1181 Myrtle av
Winters Wm. C., 106 Van Sicklen av
Zlot Harry, 303 Bedford av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott Franklin, 140 E. 39th
Abramson Louis A., 46 W 46th
Ach David M., 1 Madison av
Acker E. Augustus, 686 Academy
Ackerman Frederick L., 25 W 44th
Adams Wm., 15 W 38th
Ajello Gaetan, 1 W 34th
Albro Lewis C., 2 W 47th
Allen Augustus N. 2 W 45th
Allen Jerome R., 101 Park av
Allen Paul R., Gr. Cent. Term.
Almiroty Randolph H., 46 W 46th
Amory, F. D., Jr., 10 E 43rd
Amsler Jacob H., 1616 Crosby av
Anderson Donald G., 28 E 49th
Annitto Edw. M., 333 4th av
Anthony Wilfred E., 2 W 47th
Arend Ernest A., 105 W 40th
Armstrong & De Gelleke, 122 E 25th
Aspinwall J. Lawrence, 8 W 40th
Atterbury Grosvenor, 139 E 53rd
Austin Wm. E., 46 W 24th
Ayres Louis, 50 E 41st
Bacon H., 288 Lexington av
Bacon John F., 475 5th av
Baker Jas. B., 156 5th av
Baker Jas. McF., 225 5th av
Ballinger & Perrott, 1328 B'way
Bannister & Schell, 339 Lexington av
Barber Donn, 101 Park av
Barber Joel D., Grand Cent. Term.
Bardes Phillip, 230 Grand
Bark Victor, Jr., 505 5th av
Barnes Roderic B., 70 5th av
Barney & Colt, 40 W 38th
Barrett Roswell F., 8 W 33rd
Barrows Robert T., 10 E 43rd
Bartlett Geo. M., 103 Park av
Bates & How, 35 W 39th
Baum Dwight Jas., Spuyten Duyvil Parkway & Waldo av
Bayless A., 33 Bible House
Beardsley L. S., 38 W 32d
Beder Harold W., 334 5th av
Beekman Wm. F., 345 5th Ave
Beers W. Harmon, 333 4th av
Behr Frederic H., 2 W 47th
Bell Algernon S., 49 Irving pl
Beman J. Garfield, Park av & 41st
Benedict Eli, 352 Convert av ...
Benedict Frederick S., 50 E 41st
Benedict Wm. K., 126 E 59th
Benson J. P., 331 Madison av
Berg Chas. L., 331 Madison av
Berger Bruno W. & Son, 121 Bible House
Berger Richard, 309 B'way
Bergesen John, 153 W 126th
Bergman Harold A., 231 Madison av
Berlinger J. M., 8 W 40th
Bernstein Mitchell, 137 E 41st
Berube Alfred A., Grand Central Pal.
Bessell Wesley S., 56 W 45th
Biele Carl F., 381 W 12th
Birge Charles E., 29 W 34th
Birkmire Wm. H., 1133 B'way
Bissell Frank H., 103 Park av
Birdsall C. K., 55 Liberty
Blair Walter D., 154 E 61st
Blake T. E., 52 Vanderbilt av
Blanchard Huse Templeton, 137 E 46th
Bleier David, 2366 Webster av
Bloch & Hesse, 18 E 41st
Bloodgood & Sugarman, 17 E 49th
Bloodgood Wm. E., 681 5th av
Blum Geo. & Edw., 505 5th av
Bodker A. J., 62 W. 45th
Boegel Wm. J., 162 E 37th
Boehm G. A. & H., 7 W 42d
Boese, John, 280 Broadway
Bonagur Vincent, 789 Home
Boring & Tilton, 52 Vanderbilt av
Bossom Alfred C., 680 5th av
Bosworth F. Hunt, Jr., 597 5th av
Bosworth Wm. W., 527 5th av
Bottomley Wm. Lawrence, 597 5th av
Bowdoin & Webster, 299 Madison av
Bowler Robt. B., 101 Park av
Boyland Jno. P., 4780 3rd av
Brady Albert I., 15 Broad
Brandon Alfred E., 30 W 134th
Brandt John (& Builder), 271 W. 125th
Brazer Clarence W., 1133 Broadway
Bready George L., 220 W 42d
Brogan P. F., 36 8th av
Brown Archibald M., 140 E 39th
Brown Bache H., 70 E 45th
Browne Fredk. C., 209 W 102d
Brun C. B., 310 W 109th
Brunner Arnold W., 101 Park av
Buchman & Kahn, 56 W 45th
Buchtenkirk Geo. C., 1265 B'way
Buckham C. W., 19 E 32d
Budd K. C., 527 5th av
Bullards Rogers H., 15 W 38th
Bunce J. Oscar, 101 Park av
Burley Jas. L., 363 Lexington av
Burnett E., 405 Lexington av
Burton Howard, 512 5th av
Busselle Alfred, 347 Madison av
Butcher Thos., 516 5th av
Butler Geo., 62 W. 45th
Butler Lawrence S., 101 Park av
Butler & Corse, 2 W 47th
Butler & Rodman, 56 W 45th
Byrne Edward J., 438 E 158th
Caldwell Chas. H., 101 Park av
Calhoun Charles L., 16 E 33rd
Campbell Jas. I., Woodycrest av & 163d
Campbell Shiras, 103 Park av
Candler Duncan, 753 5th av
Cardo M. A., 2153 Belmont av
Cardo Michael, 158 W 45th
Carlson & Wisewan, 23 W 43d
Carner & Lang, 110 W 34th
Carpenter James E. R., 681 5th av
Carrere & Hastings, 45th & Vanderbilt av
Carson L. A., 7 E 42nd
Casazza Geo. J., 1133 Broadway
Casey Edw. P., 149 Broadway
Casale James E., 128 E 58th
Chalfin Paul, 597 5th av
Chambers Walter B., 111 E 40th
Chance Geo. W., 47 W. 34th
Chapman F. Burnham, 4 E 39th
Chapman Henry Otis, 334 5th av
Chapman Josephine W., 46 Wash sq
Chappell & Bosworth, 258 Broadway
Chard Thornton & Walter G., 101 Park av
Chard Walter G., 101 Park av
Cherry Wm. John, Grand Cent. Term.
Chestresmith Ed. B., 259 W 30th
Child Edw. S., 29 Broadway
Child Henry T., 29 B'way
Chivers Herbert Chelsey, 29 Liberty
Clark & Arms, 137 E 46th
Clark Cameron, 137 E 46th
Clark Chas. S., 443 E Tremont av
Clark Jos. H., 15 W 38th
Clark Samuel Adam, 108 E 29th
Clawson Harry M., 331 Madison av
Cleverdon R. N., 101 Park Row
Clinton & Russell, 32 Nassau
Cobb Henry Ives, 1465 B'way
Cocker J. C., 43 W 126th
Coffin & Coffin, 25 W 42nd
Coffin Lewis A., 15 E 40th
Cohen Samuel, 32 Union sq
Cohen Simon, 2205 5th av
Colby Frank A., 70 5th av
Collins D. C. Newman, 14 John
Collins Frank C., 2 W 45th
Colt Stockton B., 40 W 38th
Comfort Ralph M., 160 5th av
Comstock Corry B., 110 W. 40th
Conable Geo. W., 46 W. 24th
Congdon Henry M. & Son, 10 W 23rd
Congdon Herbert W., 18 B'way
Conover J. Hallam, 114 Liberty
Conover Warren H., 114 Liberty
Cooley C. D. Co., 41 Park Row
Coote Arthur W., 101 Park av
Cornelius Chas. A., 100 E 17th
Cornell Frank T., Grand Central Term.
Corse Henry Jr., 2 W 47th
Cottrell W. Liance, 200 5th av
Courland Maurice, 47 W 34th
Cox, John, Jr., 30 E 42nd
Cram & Ferguson, 33 W 42d
Crandall Morris L., 507 5th av
Crane Chas., 1189 Madison av
Crane Theodore, 15 W 38th
Crosier Geo. P., White Plains av & 223d
Crosby Henry Barrett, 50 Church
Cross & Cross, 681 5th av
Crow, Lewis & Wick, 200 5th av
Cullen Chas. H., 101 Park av
Cunningham B., 120 B'way
Cusacks Philip Allin, 12 E 46th
Dahler Jerauld, 320 5th av
Dalton N. Hamilton, 749 Madison av
Dana Richard Henry, 331 Madison av
Davis Albert E., 258 E 138th
Davis Herbert E., 220 5th av
Davis, McGrath & Kiessling, 220 5th av
Day John Bagley, 1265 Broadway
Dean E. Clarence, 2 W 47th
De Forest E. G., 280 Madison av
De Gersdorff Geo. B., 103 Park av
De Hart John, 1039 Fox
Dehli Arne, 291 B'way
Delhi Arne, 116 W 32d
Delano & Aldrich, 126 E 38th
Delehanty Bradley, 2 W 45th
Del Gaudio Matthew W., 160 W 45th
Dell Louis E., 1133 Broadway
Denby & Nute, 333 4th av
Dennison, Hirons, 288 Lexington av
Denslow L. E., 44 W 18th
De Pace, A. J., 637 Rosewood
De Rosa Eugene, 170 W 40th
De Rose & Cavalieri, 370 E 149th
De Rosa & Pereira, 110 W 40th
De Vaux W. Voruz, 635 Park av
Dewey F. H. & Son, 175 5th av
Dewsnap Wm., 334 5th av
Diemer Julius J., 1 Madison av
Dieterlen Chas. T. E., 15 W 38th
Dietrich E. G. W., 1 Madison av
Dillon, McLellan & Beadel, 149 B'way
Dithey Wm. J., 1 Union sq W
Ditmars I. E., 111 5th av
Dodge R. Irving, 405 Lexington av
Dodge & Morrison, 160 Pearl
Dominick William F., 27 E 40th
Donegan J. W., 39 Ann
Donnell Harry E., 37 E 28th
Dress Geo., 116 W 39th
Drexler Wm. D., 226 E B'way
Duff Thos. J., 348 W 14th .....
Dugan Geo. A., Sr., 200 5th av
Duke Chas. A., 10 E 43rd
Dunbar Robt. C., 52 Vanderbilt av
Duncan John H., 347 5th av
Dunn E. D., 303 5th av
Dunn Thos. F., 953 Woodycrest av
Dunnigan & Crumley, 391 E 149th
Durang Ferd F., 507 5th av
Durbin J. S., 80 Pine
Eaton L., 202 E 18th
Ebling L. Allen, 52 Vanderbilt av
Eisendrath Simon B., 18 E 41st
Eisinger L. W., 52 Vanderbilt av
Ellis Irving B., 47 W 34th
Embury Aymar 2d, 132 Madison av
Emerson Wm., 597 5th av
Emery Hy. G., Bible House
Emery Marshall L., Bible House
Erickson Phillip Morris, 101 Park
Euell Geo Raymond, 125 Sherman av
Ewing & Allen, 101 Park av
Ewing & Chappell, 101 Park av
Farley Frank C., 333 4th av
Farrar Victor C., 4 E 39th
Farrell William, 82 E 236th
Farrington Robt. M., 103 Park av
Fash Robt. A., 163 W 20th
Feiner I. G., 505 5th av
Fellheimer, Alfred, 5 E 42d
Felsberg B. G., 1328 B'way
Felson J. M., 1133 Broadway
Fenner Burt L., 101 Park av
Fernschild G. J. Jr., 29 Broadway
Fetherston Chas. E., 101 Park av
Fiken H. Edwards, 22 E 17th
Fisher Jacob, 25 Av A
Fitz-Mahony Michael J., 15 E. 40th
Fitzpatrick John, 271 E 198th
Flagg Ernest, 111 E 40th
Flagg Montague, 244 Madison av
Fletcher Arthur G. C., Park av & 41st
Ford, Butler & Oliver, 101 Park av
Forman & Light, 63 William
Forsberg Carl T., 17 Battery pl
Forster Frank J., 33 W 42nd
Foster Mortimer, 15 W 38th
Franklin L. Murray, Jr., 50 E 41st
Freedlander Jos. H., 681 5th av.
Freeman Alfred, 29 W 34th
Freeman Frank, 132 Nassau
Freehof Mortimer E., 405 Lexington av
French C. B., 19 W 44th
French F. Co., 299 Madison av
French Leigh Jr., 599 5th av
French & Plenthner, 599 5th av
Friend Jno. H., 148 Alexander av
Fritz Andrew R., 220 W 121st
Frost Frederick G., 144 E 54th
Fuhs Adolph, 302 E 87th
Gage S. Edson, 28 E 49th
Gardner Robt. W., 43 Cedar
Gavigan Jas. J. F., Grand Cent. Term.
Gayler Julius F., 15 E 40th
George Thomas J., 32 Nassau
Gerber Fred, 131 E 87th
Gescheidt Jacob Co., 142 E 43d
Gette O., 103 Park av
Giele Louis H., 1123 Broadway
Giesen Wm. A., 316 W 42d
Gifford Chas. A., 25 Park pl
Gilbert A. F., 80 Maiden la
Gilbert Cass, 244 Madison av
Gilbert Chas. P. H., 1125 Broadway
Giller Louis, 395 Broadway
Gillespie G. Curtis, 19 Liberty
Githens Alfred Morton, 52 Vanderbilt av
Gleich Abraham, 203 E 13th
Godley Fredk. A., 244 Madison av

NEW YORK—New York—continued

Godley & Sedwick, 244 Madison av
Godwin F. M., 4 E 43rd
Goldhammer Albert, 32 Union Sq
Goldner Jacob, 323 E 165th
Goldrich Phillip, 326 E 98th
Goldstone Lafayette, 512 5th av
Goller H. P., 2736 Kingsbridge Terrace
Gompert Wm. H., 171 Madison av
Goodhue Bertram G., 2 W 47th
Gordon J. Riley, 507 5th av
Gottlieb Albert S., 101 Park av
Graham, Anderson, Probst & White, 120 B'way
Gr. Central Cont. Co., 142 E 43rd
Grant Chas. C., 15 W 38th
Gray Albert M., 1402 B'way
Greene Ernest, 52 Vanderbilt av
Greenberg A. Benton, 8 W 64th
Greenleaf Jno. C., 15 W 38th
Greenley Howard, 175 5th av
Greenwood Jos. R., 210 River Dr.
Gregory Julius, 56 W 45th
Gregory Wm. S., 40 W 32nd
Grieshaber Carl F., 126 E 38th
Griesser Wilhelm, 120 B'way
Griffin & Wynkoop, 30 Church
Gronenberg & Leuchtag, 303 Fifth av
Gross & Kleinberger, Bible House
Guard Shirley R., 8 W 40th
Gugler Eric, 101 Park Row
Guldberg Christian, 29 W 34th
Gundlach B., 150 Nassau
Gurd John A., 101 Park av
Haefell Walter, 229 W 42nd
Haight Chas. C., 52 Vanderbilt av
Hall Douglas P., 749 5th av
Hamilton John A., 32 B'way
Hanemann J. Theo., 50 E 42nd
Hardenbergh Henry J., 47 W 34th
Harde Herbert S., 1 E 42nd
Harder Julius F., 120 W 32d
Harney G. E., 320 5th av
Harrington W. H., 19 E 48th
Harrison M. Joseph, 63 Park row
Hart Chas. M., 12 E 44th
Hart Donald P., 27 E 40th
Harwood Lamm & Weindorf, 350 B'way
Haskell Wm. C., 1328 B'way
Hasselman Francis G., 53 W 39th
Hastings Thomas, 52 Vanderbilt av
Hatton John M., 347 Madison av
Haugaard Wm. E., 185 Madison av
Hausle Frank, 81 E 125th
Hausle Max, 3307 3rd av
Hawley Hughson, 1 Union sq W
Hays & Hoadley, 2010 B'way
Healy Henry J., 320 5th av
Hedman Axel S., 112 E 19th
Hemstreet W. F., Woolworth bldg
Hering Oswald C., 8 W 33d
Hertz Samuel A., 14 Maiden Lane
Herts & Robertson, 331 Madison av
Herzburn Bernard, 220 W 42nd
Hess Arthur P., 5[illegible]th av
Hesse Walter, 18 E 41st
Hewitt Edward S., 597 5th av
Hewlett Wm. A., 129 E 27th
Heyl Irving F., 14 E 46th
Higgins Chas. H., 19 W 44th
Higgins Ralph B., 19 W 44th
Higginson Wm., 18 E 41st
Hill Clinton M., 50 E 42nd
Hill Geo., 25 Church
Hillard W. B., 366 5th av
Hiss & Weekes, 452 5th av
Hoddick August O., 117 W 58th
Hoffman F. Burrall, Jr., 120 W 33rd
Hoffman Henon Co., 70 W 45th
Hoffman Murry, 2 E 41st
Hohauser Wm. I., 206 W 42nd
Holabird & Roche, 2 W 47th
Holden, Arthur C., 101 Park av
Holden Frank H., 56 W 45th
Holden Lansing C., 103 Park av
Holton Alfred J. S., 32 Nassau
Hollingsworth & Bragdon, 17 W 45th
Holmes & Winslow, 110 W 40th
Hood Raymond M., 7 W 42d
Hooper Parker Morse, 15 W 38th
Hopkins Alfred, 101 Park av
Hoppin & Koen, 4 E 43d
Horenburger Herrman & Son, 656 E 163d
Horn E. C., Sons, 1476 B'way
Hornum Louis A., 405 Lexington av
Horowitz Max R., 17 W 31st
Horvay Chas. Z., 1808 Marmion av
Horwitz Bernhard, 18 E 41st
House John H., Jr., 503 5th av
Houston C. Fred., 126 E 59th
Houston R. R., 101 ark av
Howell John Mead, 367 Lexington av
Howell & Scott, Inc., 15 E 40th
Howes Edward T., 503 5th av
Howland Henry R., 103 Park av
Hudnut & Montgomery, 51 W 10th
Huenerberg William, 2080 Daly av
Hughes Elwood, 342 W 42nd
Hull Ernest H., 10 E 47th
Humble Albert, 223 W 33rd
Hume Raphael, 2 W 47th
Hunt & Hunt, 28 E 21st
Hunt F. Albert, 1 W 34th
Hunter J. Duncan, 501 5th av
Hunter Paul C., 191 9th av
Hunter R. C. & Bro., 501 5th av
Hurwitz H., 270 Grand
Hutchinson Robert C., 261 B'way
Hutton & Buys, 103 Park av
Hyde Maxwell, 52 Vanderbilt av
Ingalls Harry C., 347 Madison av
Jackson Arthur C., 25 Madison av
Jackson John F., 141 E 45th
Jackson Jos. A., 1123 B'way
Jacobs Harry A., 320 5th av
Jallade, Lindsay & Warren, 129 Lexington av
Janes Elisha Harris, 105 W 40th
Janes Franklin Hawley, 154 Nassau
Jardine, Hill & Murdock, 50 E 42d
Jeaume Jean, 196 Centre
Johnson Arland W., 469 5th av
Johnson Carl P., 30 E 42d
Jones Chas. G., 280 B'way
Josselyn Edgar A., 137 E 46th
Kahn Ely Jacques, 56 W 45th
Kaplan Louis H., 1457 B'way
Kasoff, Louis, 145 6th av
Katz & Feiner, 505 5th av
Katz S. Walter, 505 5th av
Kaufman Lewis R., 12 E 54th
Kaufmann, Killian & White, 29 W 34th
Keefe Chas. S., 368 Lexington av
Keeler Frederick S., 203 W 13th
Kehoe Alfred L. & Co., 1 Beekman
Keimig L. J., 299 Madison av
Keister Geo., 56 W 45th
Kelly Hugh A., 38 Park Row
Kelly Timothy J., 707 Morris Park av
Kelley Frederic P., 477 5th av
Kendall Wm. Mitchell, 101 Park av
Kenneth W. D., 258 B'way
Kerby & Cali, 470 E Tremont av
Kerkow, Inc., 125 E 56th
Kiessling Calvin, 220 5th av
King Beverly S., 36 W 40th
King R. Barfort, 140 W 34th
Kinsila Ed. B., 41 W 27th
Kinzelberg Benj., 1819 2nd av
Kiorboe Vilhelm, 280 Madison av
Kirby Edgar L., 169 W Tremont av
Kirby Walter B., 527 5th av
Klaber Eugene H., 101 Park av
Klein Edward A., 112 E 19th
Knapp Horace Greeley, 235 Fulton
Knowles Harry P., 21 W 49th
Knubel John H., 305 W 43d
Koechl Otto R., 15 E 40th
Koehler V. Hugo, 2 Columbus Circle
Koelble Henry A., 114 E 28th
Koenig Adolph A., 405 Lexington av
Kohn Robert D., 56 W 45th
Korff Alfred, 47 W 42nd
Kramer Geo. W. & Son, 1 Madison av
Krapp Herbert J., 114 E 16th
Kreymborg Chas., 2534 Marn av
Kuchler F. J., 103 Park av
Kudorff Irving, 432 4th av
Kurtzer William, 1385 Crotona av
Ladd Carroll W., 140 E 39th
La Farge C. Grant, 101 Park av
La Farge & Morris, 101 Park av
Laird Pierre, 6 E 46th
Lamb Thos. W., 644 8th av
Lambert Wm. A., Woolworth bldg
Landsman S., 1380 Prospect av
Lang David S., 110 W 34th
Lang Eugene J., 477 5th av
Langer Nathan, 81 E. 125th
La Pierre Lester S., 101 Park av
Larkin E. L., 209 W 34th
Lawlor & Haase, 15 W 38th
Lawrence Warrington G., 37 E 28th
Lebeis Edward H., 2 W 45th
Lee & Hewitt, 25 W B'way
Lehlbach Edward 507 5th av
Lehmann Edward A., 40 Cedar
Leonard G. Francis, 5 Beekman
Levingson S., 405 Lexington av
Levitan Benj., 7 W 45th
Levy Emilio, 331 Madison av
Lewis Albert William, 2 E 41st
Licata A., 324 E 14th
Licht Geo. A., 126 E 38th
Lindsay Andrew, 37 Liberty
Lippert F. G., 5 Beekman
Lippman Herbert, 126 E 59th
Liptak John M., 753 5th av
Litchfield Electus D., 477 5th av
Little & O'Connor, 103 Park av
Lobo Arthur, 8 W 33rd
Lock Leonard L., 4 W 56th
Loomis C. D., 143 Liberty
Lord Hewlett, 345 5th av
Lowell Guy, 225 5th av
Lowinson Oscar, 366 5th av
Lubschez Ben. J., 101 Park av
Lucas Herbert, 117 E 60th
Ludlow & Peabody, 101 Park av
Lynch Elliott, 341 5th av
Lyons Robt. T., 52 Vanderbilt av
McCabe Geo. M., 96 5th av
McClymont Jas W., 15 W 38th
McCormick Co., Inc., 41 Park Row
McElfatrick Wm. H., 701 7th av
McGlashan Norman, 1123 B'way
McGuire Jos. H., 101 Park av
McKenzie, Voorhees & Gmelin, 1123 B'way
McKim, Mead & White, 101 Park av
McQuade Walter, 101 Park av
MacKenzie Clinton, 15 Broad
Mackenzie Jas C., 4 E 39th
Mackintosh Alexander, Bible House
Magnuson Hugo E., 52 Vanderbilt av
Magonigle H. Van Buren, 101 Park av
Maher Jas S., 431 W 14th
Mainzer H. R., 105 W 40th
Major Howard, 154 E 61st
Mann & MacNeille, 70 E 45th
Marcus Bertram N., 347 5th av
Margon Irving, 355 E 149th
Markowitz Phillip, 405 Lexington av
Markwith Roland I., 111 5th av
Marlow F. S., 37 W 46th
Marsh Reginald E., 101 Park av
Marshall Geo. E., 53 W 39th
Marx Raymond, 52 Vanderbilt av
Mason Eugene W. Jr., 52 Vanderbilt av
Massarine Wm. G., 15 E 40th
Mathesius F., Jr., 320 5th av
Matsui Yasno, 175 5th av
Matthews John E., 1889 Washington
Matthews John L., 320 E Kingsbridge road
May Chas. C., 15 E 40th
Maynicke & Franke, 25 E 26th
Meader Herman Lee, 2 W 33d
Meek James Edwin, 367 Lexington av
Meeks Everett V., 52 Vanderbilt av
Mellon Edward P., 52 Vanderbilt av
Menconi Bros., 422 W 46th
Merrill Daniel D., 5 Beekman
Mersereau Wm. H., 32 B'way
Mertens John H., 37 E 28th
Mertin Adolph, 34 W 28th
Metcalfe Louis R., 2 W 47th
Meyer, Theodore A., 150 E 41st
Meyers Chas. B., 1 Union sq
Millar Wm. M., 333 4th av
Miller Chas. E., 111 Nassau
Miller Wm. P., 870 B'way
Milliken H. O., 4 E 39th
Mills J. Layng, 597 5th av
Mitchell Chas. W. B., 129 E 27th
Mizner Addison C., Grand Cent. Term.
Monks Johmson, 50 E 42nd
Montgomery H. P. Alan, 105 W 40th
Moore Frank A., 52 Vanderbilt av
Moore & Landsiedel, 3d av & 148th
Moore W. S., 52 Vanderbilt
Moran Wm. Edgar, 15 W 38th
Morrill Milton Dana, 17 Charles
Morrison Robt. B., 160 Pearl
Morse Henry G., 101 Park av
Moscowitz J., 8 W 40th
Mowbray & Uffinger, 56 Liberty
Muller Bernhardt E., 477 5th av
Muller John, 15 W 38th
Muller Max, 115 Nassau
Mulliken Harry B., 609 W 48th
Mullin Charles Whitely, 110 W 40th
Murchison Kenneth M., 101 Park av
Murdock H. H., 50 E 42nd
Murgatroyd Everett F., 2764 Morris av
Murphy & Dana, 331 Madison av
Murray P. J., 141 E 40th
Nash Arthur C., 345 5th av
Nash Thos., 52 Vanderbilt av
Nast Adolph E., 56 W 45th
Necarsulmer Edward, 507 5th av
Nelson Francis A., 15 W 38th
Nelson & Van Wagnen, 15 W 38th
Neville & Baggs, 570 Bergen av
Newman Frank E., 1123 B'way
Newman & Harris, 120 E 40th
Newman Thos. L., 2236 Ellis av
Nitchie John E., 61 Park Row
Noel Auguste L., 52 Vanderbilt av
Nolan John F., 124 W 36th
Noonan Fred B., 3 E 44th
Nordham George, 18 W 34th
Nordheim Henry, 726 E 234th
Oakman Jno., 345 5th av
O'Brien Morgan M., 49 E 90th
O'Connor Jas. W., 162 W 37th
O'Connor Michael J., 103 Park av
Ogden Palmer H., 597 5th av
Oppenheim Sidney F., 36 8th av
Orchard Wm. H., 17 W 45th
Otto Carl L., 15 Park Row
Otto G. Henry, 156 5th av
Paddon Harold E., 280 Madison av
Pallme Edw. F., 3 W 29th
Palmer & Hornbostel, 63 William
Parfitt Albert E., 19 Liberty
Parish & Schroeder, 280 Madison av
Park Willie, 25 W 43rd
Parker & Parker, 12 W 40th
Parker, Gordon, 17 W 42nd
Parsons Floyd Y., 1133 B'way
Parsons Robert E., 28 E 49th
Patterson Chester A., 50 E 42nd
Patterson Harold F., 363 Lexington av
Patton Lewis C., 48 E 41st
Pauli Augustus C., 331 Madison av
Peabody, Wilson & Brown, 389 5th av
Peck Chas. F., 5 E 42d
Peck Laurence F., 101 Park Row
Pelham Geo. F., 200 W 72nd
Pell F. Livingston, 151 E 53rd
Pelton Henry C., 151 W 42nd
Pennington Pleasants, 2 E 41st
Pereira Percival R., 110 W 40th
Persina C. David, 1711 Van Buren
Peterkin John B., 220 W 42nd
Phelps Stowe, 20 W 43d
Phillips J. H., 681 5th av
Phillips Alexander, 160 5th av
Phillips Wm. S., 103 Park av
Pickering Arthur D., 103 Park av
Pilcher Lewis F. (State Architect), Hall of Records
Pilcher & Tachau, 109 Lexington av
Pittman Henry C., 114 Liberty
Platt, Chas. A., 101 Park av
Platt F. P. & Bros., 680 5th
Pleus Frank C., 597 5th av
Pleuthner W. K., 599 5th av
Polhemus, Mackenzie & Coffin, 15 E 40th
Polis Sam N., 115 Broad
Pollard Geo. Mort., 347 5th av
Pope Jno. Russell, 527 5th av
Post Geo. B. & Sons, 101 Park av
Post J. Otis, 101 Park av
Post Wm. S., 101 Park av
Potter Howard N., 35 E 30th
Potter Wilson, 22 E 17th
Prager Raphael, 149 B'way
Provot George, 104 W 42d
Putzel Jos., 29 W 34th
Quinby Frank H., 99 Nassau
Rabbage & Walderson, 729 6th av
Rahmann W. H. & Sons, 126 Cedar
Rainbow John R., 9 E 40th
Ramberg Ola, 101 Park av
Rappold Geo. W., 110 W 40th
Rasmussen & Wayland, 252 W 46th
Redfield Henry W., 114 E 28th
Reeves Hubert E., 103 Park av

Regelman Henry, 147 4th av
Relley Robt J., 477 5th av
Reilly Paul C., 749 5th av
Reissman Otto, 147 4th av
Remick Arthur, 52 Vanderbilt av
Renwick, Aspinwall & Tucker, 8 W 40th
Renwick Wm. W., 38 W 32nd
Resler Richard, 501 5th av
Resnyk & Keller, 131 W 39th
Rice Oran W., 8 W 40th
Rich Chas. A., 320 5th av
Rich & Mathesius, 320 5th av
Richardson Wm. Symmes, 101 Park av
Richter Chas. H., 39 Cort
Riddle & Riddle, 288 Lexington av
Rieser Ely J., 1st av & 28th
Rieser Solon J., 101 Park av
Rinderman Henry V., 1031 So blvd
Robertson T. Markoe, 331 Madison av
Robinson F. Delancey, 25th & B'way
Robinson F. L., 50 E 42d
Robinson Gilbert, 546 E 182d
Rockart John R., 244 Madison av
Rockrise & Shiota, 366 5th av
Rockrise Thos. S., 366 5th av
Roeger Fred, 15 Park Row
Rogers H. Lincoln, Municipal bldg
Rogers Jas. Gamble, 367 Lexington av
Rogers Palmer, 101 Park av
Rogers Pliny P., 477 5th av
Rogers Wm. J., 50 E 42d
Rogers & Haneman, 50 E 42d
Rohl Richard, 75 Bible House
Romeyn Chas. W., 55 B'way
Rooke Frank A., 15 E 40th
Rosenblum Samuel, 51 Chambers
Ross & McNeil, 45 W 34th
Rossiter E. K., 15 W 38th
Rossiter & Muller, 15 W 38th
Roth Emery, 119 W. 40th
Rothstein Morris, 2109 3rd av
Rouse & Goldstone, 512 5th av
Rousseau Francis X., 2 E 23rd
Rowe, Henry W., 120 E 40th
Rowley John F., 477 5th av
Ruhl John C. W., 3157 Hull av
Russell Wm. J., 73 W 46th
Salomonsky Edgar, 368 Lexington av
Salomonsky Vera Cook, 368 Lexington av
Santangelo L. B., 2364 8th av
Satterthwaite Pennington, 345 5th av
Sawyer Philip, 50 E 41st
Schaefer Chas. Jr., 2853 3d av
Schaeffler Joseph C., 38 W 32d
Scharsmith Jno. E., 523 W 146th
Schefcik F. J., 4168 Park av
Scheler John H., 25 W 42d
Scheiner Jas M., 830 Lexington av
Schell R. Montgomery, 339 Lexington av
Schenck & Mead, 105 W 40th
Schmidt Mott B., 347 Madison av
Schmitt Anthony F. A., 281 E 201st
Schonewald Geo. A., Grand Cen. Term.
Schubert C., 366 5th av
Schumann Chas. H., 280 B'way
Schwartz Morris, 1400 B'way
Schwartz & Gross, 347 5th av
Scopes & Feustmann, 15 W 38th
Scott & Prescott, 34 E 23d
Seaver W. P., Grand Cent. Terminal
Sedgwick Henry R., 522 5th av
See Milton, 15 E 40th
Sefert Clarence L., 2010 B'way
Segal Nathan (& engineer), 124 W 112th
Segal Ralph H., 56 W 46th
Seifert Karl F. J., 153 E 40th
Semsch O. F., 111 E 40th
Serracino Nicholas, 507 5th av
Severence H. Craig & Van Alen Wm., 111 E 40th
Seymour A. D. Jr., 33 W 42d
Seymour Chas. H., Lexington av & 42d
Seymour & Schonewald, Grand Cen. Term
Shape & Bready, 220 W 42d
Shary William, 369 E 207th
Sheinart Louis A., 194 Bowery
Shepard Augustus D., 101 Park av
Sheres Chas., 460 E 10th
Shire Edward I., 373 4th av
Short Chas. W., Jr., 25 W 44th
Shreve R. H., 52 Vanderbilt av
Shutkind Richard, 63 Park Row
Sibley Jos. T. Jr., 122 E 25th
Silkworth Chas. E., Jr., 258 B'way
Simberg A. J., 75 Trinity av
Simon M. A., 487 B'way
Simonson B. Hustace, 315 5th av
Small Franklin M., 407 B'way
Smallwood Robert F., 569 5th av
Smith Bowen B., 104 W 42nd
Smith Harold F., 38 W 32d
Smith Harry L., 1447 Longfellow av
Smith Henry A., 874 B'way
Smith Lucien E., 2 W 47th
Smith Oscar B. Jr., 501 5th av
Smith Wm. Neil, 101 Park av
Sneden Arthur Durant, 149 B'way
Snook John B. Sons, 261 B'way
Snyder C. B. J., 500 Park av
Sohn H. M., 452 5th av
Soldwedel & Tattan, 140 E 49th
Sommerfeld & Steckler, 31 Union sq
Spalding Melvin P., 137 E 46th
Spannhake Otto L., 116 Nassau
Springsteen Geo. W. Jr., 32 Union Sq
Starin Arthur J., 7 W 47th
Starr Harry C., 681 5th av
Starrett & Van Vleck, 8 W 40th
Stein Clarence S., 56 W 45th
Stenhouse, J. Armstrong, 681 5th av
Stephenson Robt. S., 2 W 45th
Stephenson & Wheeler, 2 W 45th
Sterling Architectural Co., 212 B'way
Stern Benj. E., 56 W 45th
Sterner & Wolfe, 569 5th av
Stevens H. L. & Co., 522 5th av
Stever Arthur J., 55 Broadway
Stillman Michael, 9 W 47th
Stockton Louis L., 35 W 39th
Stoddart Wm. L., 9 E 40th
Stone Fred'k S., 55 B'way
Stoughton & Stoughton, 96 5th av
Strack Otto, 220 E 23d
Straub Chas. M., 147 4th av
Streeton Geo. H., 115 E 34th
Strong Mason R., 7 Wall
Strout Wm. A., 81 Fulton
Suarey Diego De, 347 Madison av
Sugarman M. H., 681 5th av
Sullivant A. D. R., 4 E 43d
Summerville F. M., 949 B'way
Sutcliffe Arthur T., 111 E 40th
Swartburg B. Robert, 103 Park av
Swartwout Egerton, 18 W 34th
Swasey W. Albert, 101 Park av
Sweezy Larremore U., 55 Bible House
Tallant Hugh, 125 E 46th
Tandy V. W., 1931 B'way
Tappon Robt., 33 W 42nd
Tatton H., 140 E 49th
Taussig Hugo, 507 5th av
Taylor Alfred H., 138 W 65th
Taylor & Levi, 105 W 40th
Taylor & Mosley, 40 Wall
Teichman, Robt., 66 Beaver
Teller Myron S., 53 E 44th
Terwilliger D. W., 1 W 34th
Terwilliger & Sohn, 452 5th av
Thompson John A., 105 W 40th
Thompson Wm. Stuart, 381 4th av
Tillack J. L., 150 Nassau
Tillion P. & Sons, 103 Park av
Timmis & Chapman, 315 5th av
Tompkins John Almy, 139 E 53rd
Tooker & Marsh, 101 Park av
Torbent Vance W., 200 5th av
Towner Wm. T., 366 5th av
Townsend, Steinle & Haskell, 1328 Broadway
Tracy Evarts, 18 W 34th
Tracy & Swartwout, 18 W 34th
Trowbridge Alexander B., 25 W 44th
Trowbridge & Ackerman, 25 W 44th
Trowbridge & Livingston, 527 5th av
Truex Fred'k M., 1170 B'way
Tsuma Numa L., 597 5th av
Tubby Josiah Thomas, 143 Liberty
Tubby Wm. B., 81 Fulton
Tucker Fitz-Henry Faye, 8 W 40th
Tucker Wm., 25 W 43rd
Tuthill Wm. Burnett, 185 Madison
Tuttle Bloodgood, 1 W 34th
Tuzo Paul B., 151 E 53rd
Uffinger Justin M., 56 Liberty
Underwood Gilbert S., 400 W 23rd
Upjohn Hobart B., 456 4th av
Upton H. Desmond, 381 4th av
Van Alen William, 111 E 40th
Van Auken Geo. H., 1265 B'way
Vander Bent T. J., 101 Park av
Van Buskirk Harold, 110 W 40th
Van Dorn, Jos. H., 35 Warren
Van Pelt Jno. V., 126 E 59th
Van Vleck & Goldsmith, 111 5th av
Varian Bros., 400 Oliver pl
Varian Chester C., 741 E 232d
Varon David L., 108 E. 31st
Very & Brown, 70 E 45th
Very Samuel R. T., 70 E 45th
Vickers Nat., 363 Lexington av
Visscher Theo. C., 363 Lexington av
Vitalo Frank E., 16 E 23d
Voelker John Ph., 979 3d av
Volckening Walter H., 53 W 39th
Vollmer Carl., 347 Madison av
Wagner Stewart, 7 E 42d
Wagner W. S., 101 Park av
Waid D. Everett, 1 Madison av
Walker & Gillette, 128 E 37th
Walker Harry L., 19 W 44th
Walker Hobart A., 35 W 39th
Walker Russell Tracy, 52 Vanderbilt
Walker W. Leslie, 103 Park av
Walker & Ward, 52 Vanderbilt av
Wallis Frank E., 56 W 45th
Walther Bart. & John P., 103 E 125th
Wandke W. G., 331 W 14th
Ward Frank F., 256 B'way
Ward Leroy P., 52 Vanderbilt av
Ware Arthur, 1170 B'way
Ware Jas. E. & Sons, 1170 B'way
Warren Frederick B., 108 E 29th
Warren Harry E., 37 Liberty
Warren & Clark, 108 E 29th
Warren & Wetmore, 16 E 47th
Washburn Edward F., 101 Park av
Waskowitz S., 835 Hunts Pt av
Watson John C., 271 W 125th
Wayland H. C., 252 W 46th
Webb Gregory B., 104 W 42d
Weiher Lorenz F. J., 271 W 125th
Welch Alex. M., 101 Park av
Wells J. Hollis, 32 Nassau
Welsh Lewis E., 132 Madison av
Werner & Windolph, 27 W 33d
West Frederick W., 505 5th av
Westervelt J. C., 36 W 34th
Whinston B. H. & C. N., 2 Columbus Circle
Winston Morris, 116 W 39th
White Benj. V., 29 W 34th
Whitehead Russell F., 132 Madison av
Whitehill W., 32 Union Sq
Whitfield Henry D., 597 5th av
Whiting Frank P., 103 Park av
Whiton Aug. S., 101 Park av
Wiard O. M., 101 Park av
Wick Herman, 200 5th av
Wiegund W., 45 W 34th
Wilbur Edwin, 507 5th av
Wilder & White, 50 Church
Wilkinson Henry, 114 E 28th
Williams Ellwood, 507 5th av
Williams Walter, 2 W 33d
Williams & Barratt, 8 W 33d
Williams & Mahnken, 8 W 33d
Wilson Albert, 140 E 39th
Wilson Williams, 140 E 39th
Wilson & Visscher, 299 Madison av
Windsor Edmund F., 2 W 45th
Winkleman C. F., 103 Park av
Wiseman Harrison C., 23 W 43d
Witt Ferdinand, 569 5th av
Wohlpart Adolph P., 2 W 45th
Wolfe John, 9 E 48th
Wolff Herman, 432 4th av
Wood Arthur W. B., 103 Park av
Wood Geo. E., 103 Park av
Woodruff H. B., 333 4th av
Woodsend Hy E., 92 5th av
Woolsey Heathcothe M., 4 E 39th
Wortman Dietrich, 116 Lexington av
Wright Frank A., 51 E 42d
Wynkoop John, 30 Church
Yewell J. Floyd, 7 E 42d
York & Sawyer, 50 E 41st
Young Harold L., 147 4th av
Zacharius A. H., 45 W 34th
Ziccardi Joseph, 336 Cruger av
Zimmermann A. G., 85 9th av
Zipkes, Wolff & Kudroff, 25 W 42d
Zobel Fred'k C., 35 W 39th
Zogbaum Harry, 27 E 40th
Zoller H. P., 2738 Kingsbridge terrace
Zoller & Buchtenkirch, 1265 B'way

Borough of Queens.

ASTORIA—Braun Frank, 211 2d av
Fischer Geo. J., 406 12th av
Hewitt Chas. W., 604 Academy
Schiller V. (& Builder), 391 10th av
COLLEGE POINT—Fehn Sidney M.
CORONA—Card I. P.
Di Blasi Alfred
Johnson Robt. W.
McIntyre William M.
Schneider Ed.
Schoeller A.
Varrone Crescent L.
ELMHURST—Rose Edw.
Hendry C.
Thomas A. J.
Wells Geo. H.
EVERGREEN—Berger Louis & Co., 1653 Myrtle av
FAR ROCKAWAY—Cornell Jos. H., Mott av
Howard & Howard, O'Kane bldg
Smith Morrell, Bank bldg
FLUSHING — Cooper Gustave A., 75 Whitestone
Johnson Fred, 46 Prospect av
Kent Charles Nelson, 108 Jamaica av
Parsons Robert E., 371 B'way
Richardson A. Edw., 100 Amity
Wick Geo. W., 50 Locust
JAMAICA—Jeffery H. T. Jr., Butler bldg
Liebau Hans, Fulton
Simpson E. B., Hempstead Turnpike
Spaulding W. H., 34 Bergen av
Thomas Otto, 354 Fulton
LONG ISLAND CITY—Anstey A. D., 1 Bridge Plaza
Baker John M., 9 Jackson av
Chmelik Frank, 796 2nd av
Knowles W. W., Bridge Plaza
Worrall Wm. S., Jr., 132 4th
MIDDLE VILLAGE—Perlstein Morris
RICHMOND HILL—Crane Geo. E., 615 Stoothoff av.
Dean Harry, 1035 Curtis av
Hadler W. E., 1432 Lefferts av
Haugaard Henry E., Hillside Bank bldg
Jeffrey Henry T. Jr. (& Builders), Butler bldg
ROCKAWAY BEACH—Berrian Edwd., Hollands
Caplan Philip, 16 Court
Kennedy W. T. & Co., Division av
Powers J. P. Co., 558 blvd
Shirkey C. G., Division av
ROCKAWAY PARK—Boerum & Farrell
Hogan Wm. A. (& Builder)
Rothchild W. S.
Spring Harry J. & Co.

Borough of Richmond.

NEW DORP—Grunert James E., 2409 Rich. rd
PORT RICHMOND—Pelcher Harry W., Nat'l Bank bldg
Whitford E. K. (& Builder), 1457 Castleton av
STAPLETON—Loeffler Otto, 14 Jackson
TOMPKINSVILLE—Davies John, 177 Castleton av
Whitford James, S. I. bldg

(End of New York City)

NIAGARA FALLS—Cannon Will A., 311 Niagara
Lacey Carlos, Main & Niagara av
Larke Simon, 719 Main
Obenhack C. F., Gluck bldg
Phelps C. R., Gluck bldg
White J. R., Elderfield, Hartshorn bldg
Wright & Kremers, Gluck bldg
NORTH TONAWANDA—Johnstone Wm. O.
NORWICH—Cummings J. C.
Guard Roy
Hall Herman R.
NYACK—Buys Arthur Francis
Emery Henry G.
Smith E. Baldwin
OGDENSBURG—Williams & Johnson
Wilson Geo. E.

NEW YORK—New York—continued
OLEAN—Brickell & Brickell (& at Bradford, Pa.)
ONEONTA—Epps Orlo
OSSINING—Applebee B. L.
OSWEGO—Cope L. Lynden
Seeber John H.
PALMYRA—Blaby Joseph H.
PATCHOGUE—Conklin Claude C.
Vrooman C. H.
PLATTSBURGH—Kalor Fred W. H.
Signor Ralph L.
PORT CHESTER—Ponty D. H., Jr.
Slater Howard P.
Ward W. A.
Wetmore W. S.
PORT HENRY—Curtis John B.
PORT RICHMOND—(See New York City, Borough of Richmond)
POUGHKEEPSIE—Beardsley Wm. J., 49 Market
Carpenter Du Bois, 45 Market
Smith Edward C., 39 Market
RENSSELAER—Gardiner Clarence H.
Teeling Walter W.
RHINEBECK—Decker R. A.
RICHMOND Hill—(See New York City, Borough of Queens)
RIVERDALE - ON - HUDSON — Baum Dwight J.
RIVERHEAD—Blume Edwin H.
Skidmore Geo. H.
ROCHESTER—Ade Carl C., 344 East av
Allen Truman A., 860 Dewey av
Arnold & Stern, East Av bldg
Barrows Chas. S., 344 East av
Block & Diemer, Mercantile bldg
Bragdon Claude F., Cutler bldg
Brockett F. A., Cutler bldg
Brockett & Wood, Powers bldg
Byers Robt. S., C. of C. bldg
Campbell W. A., Cutler bldg
Chrisp Hugh P., Cutler bldg
Corbett Lawrence, 129 Weld
Crandall Chas. F., E. & B. bldg
Dryer O. W., Cutler bldg
Eldridge C. W., Cutler bldg
Foote, Headley & Carpenter, Carter bldg
Foster & Gade, Sibley bldg
Fowler Fred H., 329 Garson av
Fuehrer, Wm. J., 129 Clifford av
Gordon & Madden, 300 Sibley blk
Hartman Albert, State
Hatton Horace T., Cutler bldg
Hirschfelder Chas. M., 62 State
Hutchinson & Cutler, Cutler bldg
Larzelere H. L., Mercantile bldg
Leggett Clarence F., 179 Troup
Lempert Leon H. & Son, Cutler bldg
McCord & Ives, Powers bldg
Monks G. R. M., 148 Weld
Montgomery G. S., 17 Main, E
Newkirk Clement R., Cutler bldg
Nurse Howard B., Cutler bldg
Oberlies Jos. H., Granite bldg
Platt J. Mills, Cutler bldg
Robb, John A., 16 State
Siegel Abram, 259 Baden
Stern Leon, Chamber of Com. bldg
Tyler Jas. R., German Ins bldg
Van Ingen Hendrik, Cutler bldg
Vickery John W., Sibley blk
Walker, Livingston & Brackett, E. & B. bldg
Warner J. Foster, Granite bldg
ROCKVILLE CENTER—Abrahms F. M., Bungert P. J.
ROME—Kirkland F. W.
Schillner G. C.
Stedman Geo. O.
RYE—Robinson Henry J., Jr.
SAYVILLE—Green Isaac H.
SARANAC LAKE—Schrader Geo. F.
Scopes & Feustman
Symonds Wm. H.
Westhoff & Distin
SARATOGA SPRINGS—Brezee & Mallory
SCARBORO-ON-HUDSON—Arnold Clinton S.
SCHENECTADY—Atkinson Edw. G., 434 State
Davis Ed. L., 159 Clinton
Heidrich Chas. A., 423 State
Mynderse W. T. B., Scotia
Obenhaus-Nichols Co., 208 S. Senter
SMITHTOWN—Potter, Robert Burnside, Antietam Farm
SPRING VALLEY—Eickoff O. S.
SYRACUSE—Brockway A. L., Third Bank bldg
Cicarelli Eugene G. Jr., 402 Grape
Clark Adelbert D., Cahill bldg
Collin Dwight R., Union bldg
Conway Merritt C., 211 Furnam
Gaggin & Gaggin, University blk
Gillette Thurber J., 311 Park
Granger Merton E., 474 S Salina
Howard Edw. A. & Son, Bastable bldg
King M. L., Snow blk
La Vaute N. H., Syracuse Savings Bank bldg
Mangin Thos. F., 332 S. Salina
Mehan James D., Everson bldg
Moulton Webster, 301 Union bldg
Park C. F., 406 The Bastable
Phoenix Harry D., Union bldg
Randall James A., S. A. & K. bldg
Revels Frederick W., Syracuse University
Schindler J., Union Everson bldg
Taber Wellington W., Everson bldg
Taylor & Bonta, Gurney bldg
Umbrecht & Umbrecht, 214 Prospect av
Wilsey Chas. D., S. A & K bldg
Wright Gordon A., City Bank bldg
TARRYTOWN—Blouin Jos. Jr.
Doyle Thomas, North Tarrytown
Russell Benton S.
TROY—Clark W. E., 506 Frear bldg
Cummings M. F. & Son, Natl. State Bank bldg
Demers & Mosley, Union Natl. Bank bldg
Fielding Harry P., 97 College av
Hatch Wm. W., 251 B'way
Lee Stanton P., 55 Third
Loth Edw. W., 253 B'way
Millman L. N., Stoll bldg
TUCKAHOE—Bennett R. A.
Klithan Gustave
UTICA—Agne, Rushmer & Jennison, Arcade bldg
Bagg Egbert, Clarendon bldg
Berg Edward J., 223 Elizabeth
Decker Harry M., 609 B'way
Frank Walter G., Clarendon bldg
George Richard A., 69 Genesee
Gouge & Ames, 70 Genesee
Haberer Felix H., 1510 High
Hobbes Jno. A., Stewart bldg
Hubbard Melvin H., Paul bldg
Jackson G. Edwin, Clarendon bldg
Jones Harvey A., Georgitso bldg
Kiehm Chas. (Mill Archt), Gardner bldg
Kinne Linn, Mayro bldg
Stroebel Wm. L., Martin bldg
Williams T. H., 207 Bleecker
WATERLOO—Van Kirk M. L. & Son
WATERTOWN—Eaton & Brownell (Specialty Mills), Sherman bldg
Hamilton Geo. A., Jefferson Co. Bk bldg
Kieff D. D., 24 Flower bldg
Lansing A. F., Sherman bldg
Oliver Geo. D., 9 Dewey av
Skinner A. M., Roth bldg
Staege & Dewey, Charlebois Bros. bldg
WESTHAMPTON BEACH—Bishop Leonard H.
WHITE PLAINS—Brown Frank Horton
Greenfield Robt. A., 15 Court
Moore Jno. C.
Petry Louis M.
Swartwout Russell G.
YONKERS—Birmingham J. Edward, Warburton bldg
Brady Wm. M., 15 Alexander av
Briganti Domenico, Philipsburgh bldg
Brown Elliott L., 506 B'way
Carr Frank A., 69 Douglas av
Chamberlain G. Howard, 18 S B'way
Cowles Geo. S., 8 Getty sq
Garetner Otto, 339 Palmer av
Heaby Wm., 288 Hawthorne av
Katz Wm. P., 12 N B'way
Kirst J. Wilfred, 12 N B'way
Kodak Stephen J., 34 Warburton av
Phillips Frank, 79 Morningside av
Quick H. Lansing, 18 S B'way
Rayner Geo. & Sons, 13 Warburton av
Schonbach Anton, 18 S B'way
Snyder Wm. F. Radford bldg
Tait Wm. O., Rossmore av
Thorn Louis F., 18 S B'way
Van Suetendael Arthur J., 15 N B'way
Walsh Harold V., B'way cor. Shady la
Watson Jas A., 34 Warburton av

NORTH CAROLINA.

ASHEVILLE—Chunn C. H., Brown Carter bldg
Davis T. E.
Dreyer D. J., Classic bldg
East Wm. J.
Lord Wm. Henry
Parker Chas. N., Electrical bldg
Smith & Carrier
CHARLOTTE—Asbury Louis H.
Biberstein R. C. (Mill Arch. & Eng.)
Bonfoey F. L.
Gordon Franklin
Hook Chas. C.
Hunter L. L.
McMichael J. M.
Peeps Wm. H.
Rogers W. G.
DURHAM—Linthicum Hill C. & H., Colvin Rose Garland R.
ELIZABETH CITY—Kramer J. B.
FAYETTEVILLE—Thain T. T.
GOLDSBORO—Boney Leslie N
GREENSBORO—Armfield G. W.
Barton Harry
Brewer W. L.
Weston F. A.
HENDERSONVILLE—Stillwell Erie G.
HICKORY—Herman Q. E.
LEAKSVILLE—Hopper James C.
LOUISBURG—Davis M. Stewart
LUMBERTON—Russell J. M.
McIVER—Moorefield J. Frank
MT. GILEAD—Haywood Wm. T.
NEWBERN—Simpson H. W.
RALEIGH—Briggs Jno. D.
Keller H. P. S.
Kennedy J. M.
Salter J. A.
Simpson Frank B.
ROCKY MOUNT—Perry Samuel E
Stout Jno. C.
SALISBURY—Ramsay John E.
SOUTHPORT—Rappleyea Geo. W.
WASHINGTON—Miller C. C.
WILMINGTON—Bonitz Henry E.
WILSON—Benton & Benton
Moore S. B.
WINSTON-SALEM—Hendricks G. C.
Hill J. R.
Humphreys C. Gilbert
Keeney H. M.
Northrup & O'Brien

NORTH DAKOTA

BISMARCK—Keith Fred W.
Van Horn & Loven, 209 7th
DEVILS LAKE—Shannon J. A.
FARGO—Crabbe S. F.
Gillespie W. D.
Hancock Bros.
Kurke W. F.
GRAND FORKS—Bjorge Chas. N.
Edwards W. J.
Kech Bert D.
Ross W. H.
Winslow Harold E.
MANDAN—Ressler Nick
VALLEY CITY—McFarland E. H.

OHIO

AKRON—Anderson E. S., Peoples S & T bldg
Ball G. J., Metropolitan bldg.
Boenisch & Kraus, Ohio bldg
Carmichael Constr. Co., Central S & T bldg
DeArment F. H. & Co., Everett bldg
Dittoe, Fahnestock & Ferber, Central bldg
Fichter & Brooker, 2 Nat'l Bk bldg
Frank H. C., 9 E Exchange
Frank, Wagner & Mitchell, Permanent Title bldg
Friedberg R. J., Guth-Otis bldg
Ginther Wm. P., Everett bldg
Gleitsman L. A., Peoples S & T bldg
Goldston J. J., Ohio bldg
Good A. H., 7 E Center
Haglock Fred W., Akron Sav. & Loan bldg
Harpster & Bliss, Nantucket bldg
Henry & Murphy, 2d Nat'l Bk bldg
Kirk W. J., 2nd Natl bldg
Knight, Quayle & Gamper, 306 S Main
Lauer M. P., Hamilton bldg
Peck & Stenberg, 317 Water
Porter B. E., 46 S B'way
Practical Engr. Co., Akron S & L bldg
Ridley T. R., Ohio bldg
Somerville & Yost, 462 E Exchange
Swirsky & Miller, Herberich bldg
Trudelle M. E., 2nd Nat'l bldg
Wardner & Tesch, Everett bldg
Yoho & Hooker Co., 669 E Exchange
ALLIANCE—Matchett W. W.
ASHTABULA—Wilson John L.
BARNESVILLE—Patterson B. C.
BELLEFONTAINE—Shawver John L & Bros.
BOWLING GREEN—Minor W. H.
Stewart S. P. & Son
Strong L. T.
BREMEN—Ricket C. W.
BRIDGEPORT—Lindsay James
BUCYRUS—Unger William
CAMBRIDGE—Orr Jno. F.
Petrikin J. G.
CANTON—Dawson Wm. P.
Firestone Charles E. Co.
Herrman Edmund
Tilden Guy & Son
Wagener H. J.
CELINA—Vonder Horst Jos.
CHILLICOTHE—Baach Fred W., 11 Miller bldg
Schweitzer John
CINCINNATI—Baldwin Bert L., 2nd Nat'l Bank bldg
Bodenstein & Surmann, 405 2nd Nat'l Bank
Burroughs G. C., & J. H., Deeken, Union Trust bldg
Cordes H. W., Union Trust bldg
Crowe Robt. E., Gerke bldg
Davis David, 1st Nat'l Bank bldg
De Camp Benj. C., 701 Gerke bldg
Dittoe, Fahnestock & Ferber, Carew bldg
Drach Gustave W., Union Trust bldg
Elzner & Anderson, Citizens' Nat'l Bk. bldg
Fahnestock L. W., 18 W 7th
Fechheimer A. Lincoln, Union Trust bldg
Ferber C. H., 18 W 7th
Fisher Martin, 2156 Central av
Foster C. M., 112 E 4th
Franklin Ward, 901 Gerke bldg
Garber & Woodward, Union Central bldg
Gilmore Jas., Gerke bldg
Godley S. S., Neave bldg
Grunkemeyer John C., 3717 Eastern av
Hake Harry, Telephone bldg
Hannaford S. & Sons, Hulbert bldg
Hooper Henry N., Neave bldg
Kruckemeyer Edwd. H. & Chas. R. Strong, St. Paul bldg
Kunz Anthony Jr., 955 W Court
McClory Howard, 4th Nat'l Bk. bldg
Pfeiffer Philipp, 10 E McMillan
Price Harry M., Union Cent. bldg
Rendins, Panzer & Martin, Palace Theatre bldg
Rettig Martin, 118 E 4th
Rueckert Jacob J., Blymyer bldg
Sax Moritz, 4th Nat'l Bank bldg
Schmitz Harley C. & J. J. (& Builders), 3344 Observatory rd (Hyde Park)
Schwartz Oscar, Provident Bank bldg
Sheblessy J. F., Lincoln Inn Court
Skinner Chas. W., 2d Nat'l Bk. bldg
Spillman Herbert, Merc. Library bldg
Steinkamp Jos. G. & Bro., Mercantile Library bldg
Stewart Jas. R., W 519 Main
Strong Chas. R., St. Paul bldg
Tietig & Lee, Fourth Nat'l Bank bldg
Weber C. C. & E. A., Natl. Bk. bldg
Werner & Adkins, Mitchell bldg
Wilson L. H., 10 W 4th
Zettel & Rapp, Mercantile Library bldg
CLEVELAND—Best Karl I. & Co., 6522 Euclid av
Bohm G. B., Williamson bldg

Bohnard & Parsson, Euclid bldg
Briggs & Nelson, Rose bldg
Caldwell Walter G., Park bldg
Cameron James L., 10406 Euclid av
Cefaratt D., Columbia bldg
Cone Harry A., Schofield bldg
Corbusier J. W. C., Lennox bldg
Dercum & Beer, 4500 Euclid av
Di Camillo Raymond C., 8101 Dorver av
Dyer J. Milton, American Trust bldg
Erickson Walfred, 1828 E 65th
Garfield Abram, Garfield bldg
Greene Robinson, Williamson bldg
Greco Chas. R., Guardian bldg
Grieble & Ebeling, E 11th & Chestnut av
Hamilton H. R. P., Guardian bldg
Hammond Geo. F., 4220 Prospect av, S. E.
Harris Alf. W., Schofield bldg
Hatch Edw. G., 859 Lakeview road
Hinsdale Reynold H., 604 Bangor bldg
Hopkinson Chas. W., Rose bldg
Howell & Thomas, 2032 Euclid bldg
Hradilek Henry, Park bldg
Huberty Ernest, 8017 Whitethorn av, N. E.
Hubbell & Benes, 4500 Euclid av
Ingraham Geo. Hunt, Guardian bldg
Kalsch John, 4500 Euclid av
Knox & Elliott, Rockefeller bldg
Koehl Wm., Park bldg
Lahr W. B. & Co., Lennox bldg
Lamb Thos. W., 1323 Euclid av
Lehman & Schmitt, Electric bldg
Lougee Wm. S., Marshall bldg
Matzinger Paul, Caxton bldg
Meade F. B. & J. M. Hamilton, 1002 Garfield bldg
Miller J., 10111 Euclid av
Miller J. M., Old Arcade bldg
Minor Theo. C., 10417 Ostend av
Mooney Wm. J., 12514 Detroit av
Morse H. M. & Co., Citizens bldg
Nicklas Wm. H., 1900 Euclid av
Osborn Engineering Co., 2848 Prospect av S E
Peal R., 12429 Cedar road
Pennington Chas. S., 14707 Lake av
Platt Chas. A. E., 14th & Euclid av
Post Geo. B. & Sons, Schofield bldg
Powell Wm. R., 705 Rose bldg
Potter J. Ellsworth, Leader-News bldg
Riley Michael, Lennox bldg
Sabin Wm. Warren, 1900 Euclid av
Schafer, W. J., Spencerian bldg
Schmitt W. J., 9827 Lorain av
Schneider Chas. S., 2248 Euclid av
Schneider Edwin J., Cuyahoga bldg
Schweinfurth Chas. F., 4500 Euclid av
Shimmin Harlen E., 2031 Euclid av
Shupe Harry L., Marshall bldg
Skeel Albert E., 4500 Euclid av
Smith Bros., Rockfir. bldg
Smith Edward E., Williamson bldg
Sogg Allen, Hippodrome bldg
Sprackling A. E., Caxton bldg
Steffens & Steffens, Williamson bldg
Stoddard & Hopkins, 1739 Euclid av
Striebinger Frederic W., 1900 Euclid av
Tousley Chas. E., 4500 Euclid av
Walker & Weeks, 1900 Euclid av
Walsh Henry A., Lennox bldg
Warner Franz C., Hippodrome Annex
Watterson Wm. R., Guardian bldg
Watts & Craig, Guardian bldg
Weis Max H., Union bldg
Whitworth & Johnston, Engrs. bldg
Wolf A. C., Swetland bldg
Wright & Hohl, American Trust bldg

COLUMBUS—Architectural Service Co., The, 165½ N High
Babbitt Edw. F., Hayden bldg
Bank Designing Co., Clinton bldg.
Corbett Miss Ella M., Hayden bldg
Darst Otto C., Brunson bldg
Eiselt Henrich E., 60 E Broad
Glass & Austin, Grand Theatre bldg
Mills & Millspaugh Co., 67 E Long
Mills Wilbur T., 65 E Long
Outcalt Ramsey, 151 E Broad
Packard F. L., New Hayden bldg
Pruitt Edw. E. & Co., 209 S High
Richards, McCarty & Bulford, 584 E Broad
Rusk F. S., 16 S 3d
Snyder Ralph, Hayden bldg
Todhunter H. H., Hayden bldg

DAYTON—Dexter & McCluer, Canby bldg
Dexter & McCleur, Canby bldg
Gage & Gemin, 220 E 6th
Gebhart & Schaeffer, U. B. bldg
German Howard W., Schwind bldg
Griffith Harry C., Canby bldg
Jaekle W. L., U. B. bldg
Mountstephen Edw. J., U. B. bldg
Peters, Herman & Brown, Reibold bldg
Pretzinger Albert & E. P. Musselman, Reibold bldg
Rossell R. G., 610 Schwind
Schenck & Williams, Mutual Home bldg
Sutter Frank L., Louis blk
Thies & Thies, Davies bldg
Tompert Walter W., Day Sav. & Tr. bldg
Walker Geo. R. & Co., Conover bldg
Weis Frank J., 1126 Lindsey
Williams Chas. I., 809 Grand av

DEFIANCE—Hale J. I.
DELAWARE—Schureman D. S. & Son
EAST LIVERPOOL—Martin J. B.
Metsch Cassius M.
EATON—Barrett Thos. A.
ELYRIA—Beal Earl E.
Rissman Paul A.
Silsbee J. R.
FINDLAY—Forgeson J. & Son
Horn Geo. J.
FOSTORIA—Smith F. M.
FREDERICKSTON—Bradrick W. S.
FREMONT—Shilvey S. H. & R. H.
GALION—Jones Harlan
HAMILTON—Barkman Geo.
Mueller Fred'k G.
IRONTON—Morgan Evan
Murray Ralph
KENTON—Strong Paul K.
LANCASTER—Crooks R. E.
Getz W. F.
Older G. B.
LIMA—De Curtins Andrew
Leech & Leech
McLaughlin & Hulsken
Walt M., De Kalb Co., 404 Holland
LOGAN—Magoon M. A.
LORAIN—Ellis C. C.
Ford Hamilton E.
Rissman Paul A.
Wurmser H. O.
MANSFIELD—Althouse & Jones
Conklin Chas. W.
Hursh Jos. & Son
Redding Vernon
MARIETTA—Hovey Geo. Walter
MARION—Ellis J. Lewis
Sloan J. J.
Zachman Ezra B.
MARTIN'S FERRY—Brown W. N.
MARYSVILLE—McCann E. G.
Weidman Bros.
MASSILLON—Herrmann Edmund
Wilhelm Karl E.
METAMORA—Young William & Son
MIDDLETOWN—Oeden Carl E.
MONTPELIER—Carpenter O. A. (& Bldr)
NEWARK—Hawkins O. J.
Patton Wm.
NEW PHILADELPHIA—Lewis J. E.
NILES—Souder C. P.
PAINESVILLE—Downer Frederick N.
PIQUA—Bowdie C. F.
PORTSMOUTH—De Voss W. A.
RAVENNA—Greene J. W.
SANDUSKY—Millott & Parker
Shively R. H.
SIDNEY—Doran Jas. W.
Landenbach H. L.
SPRINGFIELD—Gotwald Robert C., Gotwald bldg
Hall & Lethly, Fairbanks bldg
Shilling Wm. K., Fox Hollow Farm on S., T. & P. Ry
STEUBENVILLE—Peterson & Clarke
TIFFIN—Ernest Chas.
Netcher George W.
TOLEDO—Aftel Sidney E., Ohio bldg
Bates & Gamble, Close Realty bldg
Becker Bernhard, Gardner bldg
Drolet Emmet A., Summit & Cherry Market bldg
Fallis E. O., The Nasby
Hahn Alfred A., Close Realty bldg
Huber Jos. C. Jr., Nasby bldg
Huber Thos. F., Spitzer bldg
Langdon & Hohly, Nicholas bldg
Mills, Rhines, Bellman & Nordoff, Ohio bldg
Rheinfrank G. B., Gardner bldg
Stine David L. & Son, The Valentine
Stophelt Manfred M., Nasby bldg
Taylor & Main, Nasby bldg
Thal Ed., Nicholas bldg
Thurstin W. G., Spitzer bldg
Wachter H. W., Close bldg
TROY—Shilling W. Walter
WAPAKONETA—Uhler J. N.
WARREN—Davis, J. W.
Keich, R. J.
Sidells Byron T.
WASHINGTON COURT HOUSE—Hicks J. Howard
Sanders Wm.
WILMINGTON—Shepherd & Son
XENIA—Heaton Jno.
Owens H. W.
YOUNGSTOWN—Boucherle L. & Son, Stambaugh bldg
Dalleske A. C. & Co., Federal bldg
Ford H. L., 314 W Wood
Hundley J. B., Stambaugh bldg
Kling & Zenk, Davis blk
Miller & Son, Dollar Savings Bank
Owsley C. F., Mahoning Nat'l Bank bldg
Smith J. H., Home Sav. & Loan bldg
Stanley & Scheibel, Wick bldg
Thompson E. R., Home Sav. & Loan bldg
Vaughn George, Diamond block
ZANESVILLE—Handshy C. E.
Meyer Harry C.

OKLAHOMA

AFTON—Bast W. H.
ALVA—Green Cyrus P.
ARDMORE—White J. B.
BARTLESVILLE—Babcock L. H.
Everman Walton
CHICKASHA—Larson L. P.
Macklin & Faught
DURANT—Hicks Jewell
Jewett A. B.
EL RENO—Riley W. H.
ENID—Shaw R. W.
McALESTER—Walsh J. J.
MUSKOGEE—Dawson Charles W.
Hardin M. T.
McKibbin E. E.
Valeur H. O. & Co., Phoenix bldg
NEWKIRK—Jenkins Charles B.
OKLAHOMA CITY—Bailey & Bailey, Lawrence bldg
Bramblet & Huseman, Oklahoma bldg
Coady Edward, Scott Thompson bldg
Hair C. E. & Co., Terminal bldg
Hawk J. W., Security bldg
Layton & Smith, Majestic bldg
Schmidt W. T., 1625 W 10th
Weathers P. H., 605½ W California av
SAPULPA—Griffith Wm. M.
Popkin Charles Adrian
SHAWNEE—Davis A. C.
Peters E. J.
TULSA—Atkinson & Olston
Bass, Knowlton, Graham & Reynolds
Butler & Saunders
Cross M. C.
Duggan F. A.
Eichenfeld Daniel
Endacott A.
Fabry A. C.
Fleming N. B.
Jopling R. C. Co.
Mahler H. H.
MacDonald Chas. A.
Robb J. W., 1114 S Boston
Ruggles L. H.
Rush E. & Rush
Schumacher Atkinson & Olston
Starr Jno. V.
Thorne A. Thomson
Trowbridge F. B.
Winkler Geo.
Wright & Wright

OREGON

ALBANY—Buaggraf C. H.
Jenkins A. C.
ASHLAND—Smith O. Everett
ASTORIA—Bartlett R. R.
Diamond C. G.
Gendron A. D.
Himebaugh, C. M.
Wicks J. E.
BAKER—Bond H. W.
CORVALLIS—Dobell R. H.
EUGENE—Bean O. R.
Hensil Y. D.
Hunzicker John
FOREST GROVE—Starrett F. M.
HERMISTON—Frick Howard A.
LA GRANDE—Block Milton S.
Slater John L.
LEBANON—Crandall A. T.
Kammerer Edward W.
MARSHFIELD—Chandler W. G.
Magnusson Fred.
Ostlind Benjamin
MEDFORD—Clark Frank C.
Power Chas. O.
NORTH BEND—Griffin A. J.
PENDLETON—Howard Theo. F.
PORTLAND—Allyn Fred. S. (Lawrence & Halford), Chamber of Commerce bldg
Askwith H. A., 292 E 43d
Bailey L. R. & Co., N. W. Bk. bldg
Bean O. R. (Lawrence & Halford)
Benness John C., Chamber of Commerce bldg
Bergholtz Edmund, Spalding bldg
Bidwell Edmund, Corbett bldg
Bonthron Jas., Beck bldg
Bowman F. E. & Co. (& Builders), Comcl. Club bldg
Bridges & Webber, Chamber of Commerce bldg
Browne P. Chappel, Mohawk bldg
Byran E. I., Henry bldg
Callahan M. J., Panama bldg
Camp & Du Puy, 426 E Alder
Carpenter N. A., 200 E 13th
Carter L. D., 287 Salmon
Cash, Earl G., Lewis bldg
Clark J. B., Henry bldg
Claussen & Claussen Mailey bldg
Claussen H. Fred. (Claussen & Claussen), Mailey bldg
Dautoff J. D., Stock Exch. bldg
Deveroux Valentine, 345½ Washington
De Young W. (De Young & Roald), Spalding bldg
Dittrich Henry G., 1219 E 30th st N
Dougan L. L. (Houghtaling & Dugan), Elks' bldg
Downing W. H., Railway Exchange
Doyle A. E., Worcester bldg
Duke C. A., Failing bldg
Dunham G. F., N. W. Bk. bldg
DuPuy A. L., 424 E Alder
Eastman G. A., Lewis bldg
Ertz C. W., Pittock blk
Ewart A. C., Beck bldg
Fancher H. M. & Co., Panama bldg
Farwell Milo S., N. W. Nat'l Bank
Gaunt Newton C., 708 Irving st
Goodrich C. L., Abingdon bldg
Gould A. H., Henry bldg
Griffiths E. F. (Smith & Griffiths), Gerlinger bldg
Halford Wm. G. (Lawrence & Halford), Chamber of Commerce bldg
Hoffmann J. T., 4147 63d st, S E
Hoffman L. H., Gaso bldg
Hopkins Ronald, 513 E. 4th
Houghtaling & Dougen, Elks' bldg
Hoyt W. T. S., 5th st. S
Hundley J., Pittock blk
Jacobberger, Board of Trade
James Chas. D., Couch bldg
Johnson Folger Esq., U. S. Bank bldg
Jones Geo. H., 1008 E Sherman St
Jones T. J., 334 E. 3d
Kleemann Otto, City Hall
Knighton W. C., U. S. Bank bldg
Kroner Ernst, Worcester bldg
Kuhne Paul, 165½ E 33d
Lawrence & Holford, Chamer of Com.
Lazarus Edgar M., Chamber of Com.
Lewis Ion, Wilcox bldg
Linde Carl L., 637 Pittock block
Lucius W. W., Lewis bldg
Marsh H. D., 77 W. Bk. bldg
Martin C. B., Ry. Exch. bldg
Miller E. A., 1816 Royal av

OREGON—Portland—continued
Mills W. L., 605 E 62d
Naramore F. A., University Club
Parker Jamieson, U. S. Bk. bldg
Post G. M., 619 Ry. Ex. bldg
Purcell Wm. G., Spalding bldg
Roald K. A. (De Young & Roald), Spalding bldg
Robbins C. C., Ainsworth bldg
Schact Emil & Son, Commonwealth
Smith Alfred H., Esq., Bd. of Trade bldg
Smith & Griffiths, Gerlinger bldg
Staley L. C., Ry. Exch. bldg
Stokes F. M., Chamber of Commerce
Stokes & Zeller Co., Chamber of Commerce bldg
Sutton & Whitney, Lewis bldg
Thomas Lee A., Selling bldg
Thompson Lewis I., Central bldg
Tourtellotte & Hummel, Rothschild bldg
Wallwork C. H., Oregon bldg
Watt James, 1159 Mallory av
Whidden & Lewis, Wilcox bldg
White F. Manson, Chamber of Commerce
Whitehouse M. H., 619 Ry. Exch. bldg
Williams D. L., Cham. of Com. bldg
Williams E. Francis, Alisky bldg
Wilson, J. W., 3d Yanhill
ROSENBERG—Holmes Bert
SALEM—Legg Fred A.
Post Geo. M.
SHERWOOD—Watkins S. E. & Sons
THE DALLAS—Crandall C. J.

PENNSYLVANIA

ABINGTON—Curtis Henry Loomis
ALLEGHENY—(See Pittsburg)
ALLENTOWN—Cassone Joe H., 506 Hamilton
Moyer Tilghman H., 824 Hamilton
Pickin Ephraim M., Hunsicker bldg
Ruhe & Lange, 10 N 6th
ALTOONA—Bushman Thomas
Hersh & Hersh
Millard Julian
Puderbaugh D. Geo.
Sholler F. J.
AMBRIDGE—Hill Robt. H.
Lord Herman A.
ARDMORE—Haws Harvey
Mason George C.
AVALON—Rosseau S. L.
BELLEFONTE—Cole Robert
BELLEVUE—Vandevort R. G.
BERWICK—Sitler C. E.
BERWYN—Allen Geo. W., West Orchard Way, Dir.
Andrews Chas. M.
BLOOMSBURG—Hower Henry
BOALSBURG—Boal Theadore Davis, Centre Co.
BRADDOCK—Rankin Jos. H.
Richards S. C. & Co.
Yost D. S.
BRIDGEVILLE—Rehman August
BROOKVILLE—Carr John & Son
BUTLER—Johnson O. C.
Kline Geo. W. (& Contr. Engr.)
CHAMBERSBURG—Rhoads M. R.
CHARLEROI—Brenton Jos. C.
CHESTER—Farnum Jas. J., Sr.
CLEARFIELD—Chapline John
COATESVILLE—Kerns & Carroll
COLUMBIA—Paules G. E.
COOPERSBURG—Jordan Grenaah
CORRY—Mount A. P. & Son
DANVILLE—Brugler J. H.
DEVON—Rogers T. Mellon
Thorne H. K.
DONORA—Compton C. C.
DORRANCETON—Marcy Geo. L.
DOYLESTOWN—Histand H. H.
Martin A. O.
DRAVOSBURG—Whitaker C. L.
DUBOIS—Harrington & Howard
Overdorf Wm. H.
DUNMORE—Hartmen Albert
EAST STROUDSBURG—Hoffman Graydon
EASTON—Michler Wm. M.
Morgenstern Geo. A.
Shnyder J. M.
Wenzelberger E. H.
ERIE—Cody C. Paxton, Marine Bank bldg
Eichenlaub Geo. E., Commerce bldg
Frank Wm. F., Scott bldg
Hicks J. Howard, Ariel bldg
Kirby Clement S., Baker block
Rapp Alfred, 31 E 8th
Sagramoso Alfonso, Selina bldg
Schotte Armin, Marine Bank bldg
Shutts & Morrison, Marine Bank bldg
Stickle G. Wesley, Ariel bldg
Yard J. W. & Son, Penn bldg
ESPY—Hughes D. E.
FALLS CREEK—Lukehart A. L.
FARRELL—Decker J. L.
Johnson H.
FRANKLIN—Brady S. D.
Brakeman Harvey
GETTYSBURG—Crowe J. H.
GLENSIDE—Hammer Harry G.
Yerkes H. V.
GLENOLDEN—North Wm. F.
GREENSBURG—Bartholomew Paul A.
Nelson Edward J.
Sloan W. G.
Truxell Geo. H.
HANOVER—Hosteter O. H.
Myers I. M.
HARRISBURG—Bair M. N., 1911 Derry
Fahnestock Frank G., Jr.
Grove Geo. H., 213 Walnut
Hamilton Thos. H., 11 N. Market sq
Kain C. H., Arcade Bldg
Kast M. I., Commonwealth Tr. bldg
Kelker Thos. M., 16 N 2d
Lloyd C. Howard, Telegraph bldg
Markley R. R., Patriot bldg
Shoop Henry B., 14th & Walnut
HAVERFORD—Hastings T. Mitchell, Shadycroft
HOMESTEAD—Rowlands John C.
Wickerham Adam G.
JACOBUS—William Charles A.
JENKINTOWN—Mayo Frank H.
JOHNSTOWN—Adams J. E.
Layton J. R.
Myton W. R.
Powell W. S.
Rogers Henry M.
Wild Geo.
KITTANING—Rairigh O. C.
LANCASTER—Bartholomew H. M., 39 E. Grant
Evans Melvern R., 10½ E Orange
Harman John B., 48 N Queens
Rothenberger Daniel M., 140 N Queen
Shaub Henry Y., N Queen & Chestnut
Urban C. Emlen, Woolworth bldg
LANSDALE—Bean M. B.
Conver S. S.
LANSDOWNE—Hoopes J. Willard
Lewis Edwin B.
Pedrick Harry Morrison
Salter Edw. D.
Taylor Walter L.
LATROBE—Slack P. S.
LEBANON—Boyer Geo. H.
Hauer & Mowere (& at Philadelphia)
LEWISTOWN—Montgomery Harry B.
LOCKHAVEN—Ball Charles
Blesh Alex
Tidlow Cliff
McKEESPORT—Lindemans Henry J.
Lohman H J.
Moffitt Charles R.
MAPLE GLEN—Mullen Wesley
MAUCH CHUNK—Prutzman M. G.
MEDIA—Flounders Newton
MIDDLEBURG—Stetler J. H.
MILLERSBURG—Douden Wm.
MONESSEN—Beall J. M.
Lohman J. A.
MONONGAHELA—Keller Frank P.
Yohe Geo. W.
MORRISVILLE—Stockham T. B.
MOUNT CARMEL—Strauser Clayton E.
NEW CASTLE—Eckles W. G.
Foulk Frank H.
Thayer & Thayer
Wirsing H. M.
NEW KENSINGTON—Easton Thos. G.
Laughlin Wm. J. (& Builder)
Nichols Bro.
NEWTOWN—Chamberlin James B.
NORRISTOWN—Boggs Edw. T.
Grater Ursinus
Henricks C. R.
NORTH WALES—Jarrett Chas. L.
NORWOOD—Boekenkamp E. G. Sr.
OIL CITY—Bailey E. E. Co.
Brenet Joseph P.
PHILADELPHIA—Adams A. M., 1012 Walnut
Antrim Walter, 225 S Sydenham
Architectural Sales Co., 36 N. Del av
Baker Eugene B., 1012 Walnut
Baily & Bassett, 421 Chestnut
Balderston Chas., 411 Walnut
Ballinger & Perrot, n w cor 17th & Arch
Barnes Amos W., 1507 Arch
Baum Geo. C., 1511 Arch
Berry Frank A., 1219 Est Tr. bl
Berger Carl P., S. Penn sq bldg
Bissell & Sinkler, Otis bldg
Blithe Wesley L., 608 Chestnut
Boggs Edw. T., 136 S. 4th
Bolton Chas. W., Witherspoon bldg
Borzner Andrew C., 717 Walnut
Bowes Thomas D. (naval), 822 Lafayette bl
Boyd Abel & Gugent, 1701 Walnut
Boyd Lawrence V., Harrison bldg
Boyd Paul S., 5110 Warrington av
Bright John, 1714 Otis bldg
Brockie Arthur H., 1713 Sansom
Brumbaugh G. Edwin, Rl. Est. Tr. bldg
Bunting & Shrigley, 603 Chestnut
Caldwell Francis G., Stephen Girard bldg
Campbell Wm. M., 807 Flanders bl
Carlin John J., Drexel bldg
Caspar Chas. H., 411 Denckla bl
Castor Horace W., Stephen Girard bldg
Chance Geo. Whitefield, Harrison bldg
Chandler T. P., 1105 Otis bldg
Coneys Jno. L., Drexel bldg
Cooke Jos C., 34 S 17th
Davis S. & Paul A. 3d, 1713 Sansome
Day & Klauder, 925 Chestnut
De Armond, Ashmead & Bickley, Franklin Tr bldg
Dreher, Churchman, Paril & Ford, 1424 Walnut
Druckenmiller & Williams, 1537 Chestnut
Duhring & Ziegler, Bailey bldg
Durang Ferdinand F., 1220 Locust
Durham Bros., 26 S 15th
Dyer W. E. S., Land Title bldg
Edmunds Franklin D., Real Est. Tr. bldg
Edwards E Nelson, 1012 Walnut
Edwards Engng Co., 18 S 7th
Evans & Warner, Witherspoon bldg
Eyre Wilson, 1003 Spruce
Fetterolf Edwin H., 1524 Chestnut
Fielding Mantle, 518 Walnut
Fieldstein J. Ethan, Penfield bldg
Folsom & Stanton, 1328 Walnut
Frank J. H., Real Est Tr bldg
Franklin & Co., Crozer bldg
Furber Wm. C., 418 Walnut
Furness Evans & Co., Franklin Bank bldg
Gardner Clarence, 925 Chestnut
Gilchrist Edmund B., 1627 Sansom
Gill Arthur B., Heed bldg
Graham John, Jr., S 15th
Greisler Abramson & Co., Lafayette bldg
Haggas Edwin L., Drexel bldg
Hahn Frank E., 1112 Chestnut
Hammond Harold, Stephen Girard bldg
Harris & Richards, Drexel bldg
Hastings T. Mitchell, 1713 Sansom
Hauer Harvey T., 3110 Columbia av
Heacock & Hokanson, Bailey bldg
Henon Parel T., Jr., Fuller bldg
Herold Otto, 2536 N 33d
Hewitt & Ash, 520 Walnut
Hewitt & Granger, Bullitt bldg
Hillman Chas. L. & Son, Provident bldg
Hulme Norman, 1524 Chestnut
Idell Geo. S., 34 S 16th
Jackson Wm. E., 1003 Spruce
Jefferis Joshua C., 1001 Chestnut
Johnson Lindley, Harrison bldg
Karcher & Smith, 34 S 17th
Keen C. Barton, 1218 Chestnut
Kelsey Albert, Perry bldg
Kevorkian Stephen A., 23 S 52d
Koenig Franz C., 4920 Parkside av
Lacey Adin Benedict, 1012 Walnut
Lachman & Murphy, Drexel bldg
Letzgus Anton A. Jr., Bailey bldg
Levi Louis, Real Estate Trust bldg
Lewis Stanford B., Stephen Girard bldg
Lippincott Thos. B., 1505 Arch
Loos Richard C., 1017 Chestnut
Lovatt George I., 416 Walnut
Luffbarry Andrew, 547 Drexel bldg
McGoodwin Robt. R., 1422 Walnut
McIlvain & Roberts, 112 S 16th
McMurtrie Harry G., 1012 Walnut
McNeill Henry T., 331 S 13th
Mackenzie & Wiley, 806 Liberty bldg
Magaziner & Eberhard, 603 Chestnut
Martin & Kirkpatrick, 130 S 15th
Megrail Alfred H., Stephen Girard bldg.
Mellor & Meigs & Howe, 205 S Juniper
Merz Phillip, Penn bldg
Miller Herman, Crozer bldg
Miller T. Frank, 1012 Walnut
Mills & Van Kirk, Harrison bldg
Monaghan Paul, Bailey bldg
Morris & Erskine, Crozer bldg
Moses Arnold H., 136 S 4th
Neff Conrad F., Otis bldg
Neubauer Stanley K., 1118 Chestnut
Newbery William F., Otis bldg
Nicholson Arthur L., Perry bldg
Nolan Thomas, University of Penn.
Oelschlager Chas. E., 1615 Walnut
Okie R. Brognard, Crozer bldg
Parker H., 129 S 5th
Parry Oliver R., 1631 Chestnut
Paxson Edward S., 729 Walnut
Peddle Chas. R., 136 S 4th
Peuckert & Wunder, 310 Chestnut
Phillips Watson K., 430 Walnut
Plack W. L., 1208 Chestnut
Pollock Robt. W., & Rust E. G., 1802 Chestnut
Potter Wm. Woodburn, 603 Chestnut
Price Thornton W., Franklin bldg
Price & McLanahan, 1412 Walnut
Price Walter F., 138 S 4th
Prichett Wm. C., 416 Walnut
Priest Ralph N., 1627 Sansom
Purcell William Gray, 414 N 3rd
Rabenold Chas. F., Weightman bldg
Rahn C. E., 410 Walnut
Rankin, Kellogg & Crane, 1012 Walnut
Reinhold Henry L. Jr., 1309 Walnut
Ritter & Shay, North American bldg
Ritter V. T., 517 N. Am. bldg.
Roberts Spencer, S 18th
Rommel Frank A., Weightman bldg
Rothschild Le Roy B., 1225 Sansom
Savery Addison H., Stephen Girard bldg
Savery & Scheetz, St. Girard bldg
Schenck Albert E., Real Est. Tr. bldg
Schermerhorn Clarence E., 430 Walnut
Sears Thos. W., 1424 Walnut
Seeburger Frank, Weightman bldg
Seeler Edgar V., 101 S Juniper
Sharpley W. W., 1713 Sansom
Shay Howell Louis, North Amer bldg
Shirk J. C. M., 421 Chestnut
Simon & Simon, 249 S Juniper
Smedley Walter, Stephen Girard bldg
Smith Chas., 411 Walnut
Smith W. Frisbey, 1345 Arch
Stackhouse Rex H., 129 S 5th
Stearns & Woodnutt, Stephen Girard bldg
Stewardson & Page, 316 Walnut
Street J. F., 129 S 5th
Stuekert & Co., Crozer bldg
Tilden Marmaduke, Jr., 1627 Sansom
Tilden & Register, 1713 Sansom
Tourison Bart, Land Title bldg
Trumbauer Horace, Land Title bldg
Tunic & Genther, 1531 Real Estate bldg
Tyre Philip S., 1509 Arch
Uezzell Frederick T., 717 Walnut
Valentine Anthony P. Jr., 212 High (Gtn.)
Van Kirk Walter M., Harrison bldg
Wallace & Warner, 1012 Walnut
Ward Alfred L., Stephen Girard bldg.
Watson Frank R., 1211 Walnut
White Ralph E., Penna bldg
Williams Carl H., Land Title bldg
Wilting Chas., 1627 Samson

Wilson E. Allen, 1208 Chestnut
Windrim Jno. T., Commonwealth Tr bldg
Wise Herbert C., 925 Chestnut
Wooters Wm. H., 816 Allegheny av
Wunder Clarence E., 310 Chestnut
Yardley Ernest H., 1713 Sansom
Zantzinge, Borie & Medary, 112 S 16th

PHOENIXVILLE—Lowry I. B.

PITTSBURGH—Alden & Harlow, 305 5th av
Anderson A. E., House bldg
Bair Harry S., Vandergrift bldg
Bartberger C. M. & Son, Westinghouse bldg
Beatty John L., 146 Sixth
Bickel Chas., May bldg
Bier Chas. W., 219 6th
Billquist T. E., Vandergrift bldg
Boyd Chas. H., Park bldg
Boyd & Stewart, Ferguson bldg
Boyer E. W., Ferguson bldg
Bradley J. H., Park bldg
Button L. H., Fritzsimons bldg
Campbell Jas. N. Co., Penn bldg
Carlisle & Sharrer, Jenkins Arcade
Clark W. E., Bakewell bulg
Clepper H. C., Park bldg
Comes John T., Renshaw bldg
Cooley C. D. Co., Jones Law bldg
Cornelius T. Ed., House bldg
Crone Daniel A., Oliver bldg
Crooks F. McC., Jones Law bldg
Denick Edwin V., House bldg
Douglass A. R., Magee bldg
Dowler Press C., Magee bldg
Duke Frank M., Vandergrift bldg
Estep, Estep & Estep, Century bldg
Friedberg R. J., Farmers Bk bldg
Gilchrist H. D., Conestoga bldg
Goldner David, Whitfield bldg
Goldner David, Whitfield bldg
Hannah Thos., 209 9th
Heckert Sidney F., Bessemer bldg
Heckert S. F., Jr., Bessemer bldg
Heron Thos. J., 1012 Forham av
Hitchens Chas. P., 1st Nat'l Bk. bldg
Hoart J. J., Bessemer bldg
Hodgson Chancey W., Martin bldg
Hunting-Davis Co., Century bldg
Hutchins, W. P., Conestoga bldg
Ingham & Boyd, Vandergrift bldg
Irvin Richard, Ferguson bldg
Irwin Paul W., Renshaw bldg
Janssen Bemo, Century bldg
Kauffman William, Conestoga bldg
Kauzor Bros., Dol., 524 Federal
Kennedy H. E., 230 Fifth av
Kiehnel & Elliott, 245 4th av
King Wm. H. Jr., House bldg
Kuntz Jos. F., Westinghouse bldg
Lang Herman J., 1617 Brownsville
Lee Edward B., Chamber of Comm. bldg
Long John A., 421 Wood
Lowe Albert G., Ferguson bldg
McCollum J. M., Berger bldg
McCormick Wm. D., Century bldg
McCullough Herbert M., Ferguson bldg
Markley H. E., Empire bldg
Marks & Kann, Jackson blvd
Marstellar S. A., 246 3d av
Meals F. J., 1100 Wooland av
Merrick Fredc. I., Empire bldg
Nirdlinger Max, Empire bldg
Obitz John E., Negley bldg
Orth Geo. S. & Bros., Union Arcade
Osterling F. J., 228 Isabella
Peoples U. J. L., Monon bldg
Phillips Jno. H., Fulton bldg
Prack B. H., Keystone bldg
Pringle Thomas, 410 Oliver
Rahiser H. S., 17 Wheeler
Rentte Ralph, Whitfield bldg
Rieger Chas. J., Germania Bk. bldg
Rigaumont V. A., 421 Wood bldg
Rogers Geo. O., Penn bldg
Rowland David, Conestoga bldg
Rowland Geo. M., Lakewell bldg
Rubin & Ve Shancey, Union Arcade
Russell Frederick A., 336 4th av
Rutan & Russell, Century bldg
Schwan Geo. H., Peoples Bank bldg
Seidler Chas. H., 6024 Penn av
Sharone & Friedman, Berger bldg
Simons, Brittain & English, Inc.
Sims Wm. H., Magee bldg
Smith Brandon, 6741 Macpherson
Snaman Wm. E., Empire bldg
Steen James T., Fulton bldg
Steffler Edw. H., 410 Oliver
Stevens Louis, Century bldg
Stotz Edward, Monon. Bank bldg
Strong Carlton, Union Bank bldg
Struthers W. F., 209 9th
Thomas W. A., Magee bldg
Topp O. M., Jenkins bldg
Trimble R. Maurice, Ferguson blk
Walther E. G., Union Arcade
Wilkins W. G. Co., Westinghouse bldg
Williams W. Ward, Magee bldg
Willoughby C. E., 424 Fouth av
Wolfe T. B., 347 5th av

PITTSTON—Turon L. P.

POTTSTOWN—Kepner Arthur S.

POTTSVILLE—Hill Wm. D.
Houser Wm. H.
Reilly Frank X.

PUNXSUTAWNEY—Harl David G. (residences only)
Shilling L. S.

READING—Brown D. F., Northmont
Ehrsam Fritz, 922 Penn.
Fink W. A., 426 Franklin
Freeman G. C., 1111 N 11th
Gerhard G. L. & Son, 619 Penn
Heckman H. R. & Co., 1604 Mineral Springs rd
High W. M., 11 N 5th
Lance L. D., Hill Crest
Maurer Harry, 234 N 5th
Muhlenberg Frederick A., Liberty Bk bldg
Richter A. A., 6th & Court
Rothenberger D. M., 348 Greenwich
Scholl Edw. Z., 136 Robeson
Smith A. F., 1029 Penn
Stetler Henry A., Stetler bl, Wyo.
Walter W. A., Penn boul., W. Lawn
Young Calvin J., 226 N 6th

RENOVA—Shade Grant

REYNOLDSVILLE—Young D. H.

RIDGWAY—Park H. C.

ROCHESTER—Earl J. W.
Mathews F. E.

ROYERSFORD—Poley J. Vincent

RUTLEDGE—Wells Chas. M.

SCOTTSDALE—Zearley S. J. & Son

SCRANTON — Barrett James A., Real Estate bldg
Brown Fred'k L., Real Estate Exch. bldg
Davis Edw. H.—Lewis George M. D., Union Bank bldg
Duckworth J. S., Coal Exch. bldg
Edson Gilbert, Connell bldg
Hancock Lewis, Meade bldg
Howley Jno. J., Traders Bank bldg
Langley Edward, Scranton Life bldg
Nelson Fred A., Connell bldg
Rutherford Herman C., 316 N Wash av
Snyder Robt. W., Brook bldg

SEWICKLEY—Macqueen James M., Esq., 217 Bank

SHAMOKIN—Jury W. U.
Lee W. H.
Schweitzer F. R.

SHARON—Bastress D. G.
Clepper E. E.
Matheny C. A.
Weaver C. J.

SOMERSET—Walker E. H.

SOUDERTON—Landis Jerome S.

SOUTH BETHLEHEM—Bitting Edward R.
Leh A. W.

STATE COLLEGE—Kocher A. L. (Schools)

TARENTUM—Cutshall Ira F.

TYRONE—Wise W. F. (specialty; theatres)

UNIONTOWN—Altman Harry W.
Cooper A. P.
Fulton & Butler
Harman Jno. H.

VERONA—Stough E. K.

WALLINGFORD—Watson Frank C.

WARREN—McNeil & Feets Co.
Gruninger F. H.
Phillips E. A.

WASHINGTON—Kerns John A.
Vester J. W.

WAYNE—Gugert Francis A.
Shaw J. William

WAYNESBORO—Woltz James W.

WESTCHESTER—Vance Charles H.

WILKES-BARRE—Atherton, Thos. H., Jr.,, Coal Exchange bldg
Boyle James A., Bennett bldg
Evans Clark W., Coal Exchange bldg
Knapp & Bostworth, 15 S Franklin
McCormick & French, 2d Nat Bk bldg
Pettebone Jacob S., Security Nat'l Bk
Reilly Austin L., Bennett bldg
Schroeder Geo. F., Weitzenhorn bldg
Sturdevant & Poggi, Coal Exch bldg
Welsh Geo., Coal Exch bldg

WILKINSBURG—Allison A. W., 748 Glenn av

WILLIAMSPORT—Feil Chas. W.
Fisher, Mahlon Leonard
Fisher Nicholas E.
Rianhard F. Arthur

WYOMISSING—Lance L. D.
Stetler, Mengel & Co.

YORK—Bowers Robt. W.
Dempwolf J. A.
Dempwolf, Reinhardt
Gemmill & Bilimeyer
Hamme John B.
Leber Edward
Stair Robert A.
Willis B. F.

RHODE ISLAND.

ATTLEBORO—Higgins Olstin M.

CENTRAL FALLS—Desvoyan, Hella L.

JAMESTOWN—Bevins Chas. L.

LONESDALE—Learned Chas. H.

NEWPORT—Easton Roland J. & Son
Smith Jas.
Weaver Thomas L. S.

PAWTUCKET—Carpenter, C. E., 91 Cottage
Daniels Fred G
Fuller Samuel B.
Humes Albert H.
Monahan R. C. N.
Page George H.

PROVIDENCE—Adams J. Howard, Turks Head bldg
Almy Arthur Lewis, 42 Weybosset
Angell & Swift, 87 Weybosset
Cady John Hutchins, Hospital Trust bldg
Clarke & Howe, Turk's Head bldg
Goodwin E. S., 29 Weybosset
Hall Geo. F., Union Trust bldg
Harkness Al., Grosvenor bldg
Henley Francis E., 42 Weybosset
Henshaw Gorham 87 Weybosset
Herrmann T. C., 17 Exchange
Hill Arthur E., 75 Westminster
Hindle F., Union Trust bldg
Homer Eleazer B., 87 Weybosset
Hoppin & Field 32 Westminster
Isham Norman M., Grosvenor bldg
Jackson T. Ellis, Turks Head bldg
Jackson, Robertson & Adams, Turks Head bldg
Lockwood Chas. H., 171 Westminster
McLaughlin Thomas S., Union Tr. bldg
Marshal & Hickey, 77 Washington
Martin B. S. D., 86 Weybosset
Martin & Hall, Union Trust bldg
Melidossian G. G., 37 Farragut av
Murphy A. J., 146 Westminster
Page & Page, 87 Weybosset
Peirce T. J. H., Ind. Trust bldg
Richards Wm. G., 17 Exchange
Robertson W. T., Turks Head bldg
Slocomb Harry A., 511 Westminster
Stone, Carpenter & Sheldon, Ind. Tr. bldg
Walker W. H., 17 Custom House
Walker Wm. R. & Son, 17 Custom House
Wright Benj., Howard bldg

TIVERTON—Rose Rich D.

WARREN—Hall Benjamin M.

WOONSOCKET—Fontaine Walter F.
Kent Willard (& at Narragansett Pier)

SOUTH CAROLINA.

ANDERSON—Baldwin J. J.
Casey & Fant
Sayre C. Gadsden

BENNETTSVILLE—Harrell H. D.

CAMDEN—Fort O. M.
Mitcham R. W.

CHARLESTON—Benson & Barbot
Hyer David B.
Newcomer John D.
Simons Albert
Todd, Simmons & Todd

CLEMSON COLLEGE—Lee R. E.

COLUMBIA—Hamby A. W.
Johnson J. C.
Lafaye Geo. E.
Sams J. H.
Urquhart J. B.
Wilson Chas. C.

FLORENCE—Hicks & Harper

FORT MILL—White, Hugh E., Esq.

GREENVILLE—Cunningham F. H. & J. G.
Jones H. O.
Martin & Ward
Neves W. D.
Rogers F. G.
Sirrine J. E. (Textile Mill Architect & Eng.)

GREENWOOD—Cothran Thos. W.
Summer J. E.

ROCK HILL—Gilchrist A. D.
Starr Julian S.
Walker N. Gaillard

SPARTANBURG—Collins J. Frank
Bradley Bonded Warehouse Co., 115 W. Main
Southern Trading Co., 107 N. Church
Tinsley S. P., Harris bldg

SUMTER—Johnson J. H.

SOUTH DAKOTA.

ABERDEEN—Fossum Geo. F.
Henry J. W.

DALLAS—Townsend G. E.

HURON—Issenhuth George
Kuehn F. C. W.

MITCHELL—Hoppe J. P.
Wherry S. C.

SIOUX FALLS—Chapman Jno. C.
Perkins & McWayne
Schwarz Jos.

WATERTOWN—Hockman Maurice Allen
Shoultz A. H.

YANKTON—Goetz Co.

TENNESSEE.

BRISTOL—Burnett & Loggans
Doriot H.
Kearfott Clarence B.

CHATTANOOGA—Alsup J. D., James bldg
Barnwell & Barnwell, Hamilton Natl. Bank bldg
Bearden C. E., First Natl. Bank bldg
Carlton Chas. W.
De Kalb W. M., James bldg
Hunt R. H., James bldg
Jones C. T., James bldg
Sears W. H., James bldg
Stroop D. V., James bldg
Wester Miss C. J., James bldg

CLARKSVILLE—Ritter H. W. Co.
Smith G. Tandy Jr.

FRANKLIN—Williams G.

JACKSON—Heavner R. A.
Owen W. C.

JOHNSON CITY—Beeson D. R.
Mitchell C. G.

KNOXVILLE—Barber & McMurray
Baumann Albert B.
Gredig, Albert E.
Manley & Young
Parmelee M. E. & Son
Ryno John H.
Waters L. C.

MEMPHIS—Alsop & Callanan, Rand bldg
Ausumb Geo., U. & R. Bk. bldg
Bliss Jas. H. & Son, Rand bldg
Broadwell, J. J., German Bk. bldg
Deas Chas., Goodwyn Institute bldg
Hanker & Cairns, Scimitar bldg
Harrison E. L., P. Bk. bldg
Jones & Furbinger, Porter bldg
Lester W. C., Scimitar bldg
McGee Hubert, Scimitar bldg
Mahan & Broadwell, 144 Madison av
Mann & Gattling, Scimitar bldg
Pfeil C. O., Tennessee Trust bldg
Regan & Weller, Bank of Com. bldg
Sieg & Mauderville, Rand bldg

TENNESSEE—Memphis—continued
Spencer Raymond B., Goodwyn Institute bldg
Weigel S. J., Central Bank bldg
MORRISTOWN—Smith, Roswell E.
MURFREESBORO—Bell W. R. Jr.
NASHVILLE—Asmus & Clark, Stahlman bldg
Colley Clarence K., F. & F. Natl. Bk. bldg
Colley J. H., L. & C. bldg
Ferguson Chas. A., Arcade
Frahn Harry J., Ind. Life bldg
Gardner T. W., Stahlman bldg
Hart R. E., Watkins bldg
Hibbs H. C., F. & F. Natl. Bk. bldg
Marr & Holman, Stahlman bldg
Norton Geo. C., Ind. Life bldg
Smith C. W., 1802 Acklen av
Southgate Donald W., Cumb. Press bldg
Turbeville Robert E., 301½ Church
Waller Geo. D., Arcade
Yeaman James H., City Hall
PARIS—Krider C. V.
SOUTH PITTSBURG—Patton R. B.
UNION CITY—Taylor H. P.

TEXAS.

AMARILLO—Berry J. C.
Kaufman W. R.
Rice W. M.
Roquemore O. G.
ARLINGTON—Nelson S.
AUSTIN—Andrewartha John, 921½ Congress av
Endress & Watkin, Littlefield bldg
Gideon Samuel Edward, University of Texas, Dept Architecture
Iredell Leslie N., Littlefield bldg
Ketchum W. E., Littlefield bldg
Kreisle Edwin C., Scarbrough bldg
Kushne, Chasey & Geisecke, Littlefield bldg
Page C. H. & Bro., Austin Nat'l Bank
Thomas Roy L., Scarborough bldg
Walsh Dennis R., Littlefield bldg
Watson A. O., E. 6th & Brazos
BAY CITY—Large J. E.
BEAUMONT—Babin A
Beck Jos. C.
Logan C. A.
Mauer-Knoblock-Simank
Steinman F. W.
BROWNWOOD—Mount Henry
COLLEGE STATION—Adelsperger Rolland
CORPUS CHRISTI—Dale Guy
CORSICANA—Blanding H. O.
DALLAS—Bothwell J. L., 3012 Holmes
Bulger C. W. & Son, Praetorian bldg
Coburn Douglas F., Sumpter bldg
Lang & Witchell, Southwestern Life bldg
Overbeck H. A., Juanita bldg
Overbeck J. Ed., Wilson bldg
Sites C. P., Southwestern Life bldg
Thomson H. B., Southwestern Life bldg
Woerner F. J., Sumpter bldg
Ye Planry, Inc., 1605½ Main
EL PASO—Beutel H. M., First Nat'l Bank bldg
Fritch Alfred R., Trust bldg
Kneezel Edward, State Nat'l Bank bldg
Krause Ernest, 906 N Stanton
Leech Austin, 214½ Texas
McGee Percy Jr., Mills bldg
McKee J. S., 815 E. San Antonio
Patton S. E., 3520 Douglas
Thorman O. H. & Co., 1st Nat'l Bk. bldg
Trost & Trost, Mills bldg
FORT WORTH—Field & Clarkson, Wheat bldg
Forbes Chas. W., 837 Elmwood av
Hoeffler Conrad, 703 W. 5th
Leake Boudinot G.
Newell Walter, Reynolds bldg
Pollard John H., Fort Worth Nat'l Bank bldg
Prettyman Jacob H., Cleburne Junct.
Reed Wm., 1617 Enderly pl
Sanguinet & Staats, 1st Nat'l Bank bldg
Van Slyken, Woodruff & Miller, Reynolds bldg
Waller M. L., Wheat bldg
Weinman L. B., 711 Main
GAINESVILLE—Garrett J. G. & Son
GALVESTON—McKenzie Donald N., 2107½ Post Office
Stowe & Stowe, 309½ 22d
GREENVILLE—Kilmer Roy
Lindsey Geo.
Macklin H. B.
Ragsdale W. R.
HOUSTON—Briscoe B. P., Carter bldg
Delisle Adrien, Levy bldg
Finger & Bailey, Kress bldg
Finn Alfred G., 716½ Main
Jones & Tabor, Binz bldg
Lorehn, Olle J., Light & Power Co. bldg
Sanguinett, Staats & Gottlieb, First Nat'l Bank bldg
Steele Resin D., First Nat'l Bank bldg
Watkin Wm. Ward, Scanlan bldg
JACKSONVILLE—Ray S. W.
LAREDO—Chaille D. J.
Suthered & Co.
MARSHALL—Carpenter John
Lancaster C. G.
NAVASTOTA—Meyerlambers W. H
PARIS—Barry, Smith & Withers
PORT ARTHUR—Wagnall C. L.
SAN ANGELO—Ruffini Oscar
SAN ANTONIO—Adams & Adams, Gibbs bldg
Ankron Francis S., Hicks bldg
Ayres Altee B., Bedell bldg
Boelhauwe C. T., State Bk & Tr. bldg
Cameron R. H., State Bk. & Trust bldg
Converse J. N., 215 W Commerce
Dielmann L. M. J., 306 E Commerce
Gaenslen Fred'k B., Alamo Bk. bldg
Giles Alfred Co., F bldg. (& at Laredo)
Green Herbert S., Alamo Bk. bldg
Hagy W. N.
Harrington L., Co., Frost bldg
Herff A. A., S. A. Loan & Trust bldg
Jackson Emmett T., Chandler bldg
Lown David A. Co., Central Trust bldg
Noonan Will N., Moore bldg
Page Harvey L. Co., 741 E Houston
Phelps H. T., Gunter bldg
Pierce R. L., Central bldg
Sanguinet Staats & Molhauwe, Central Trust bldg
Schoeppl C. B., Gunter bldg
Seutter Carl von, Moore bldg
Simmons Malcolm G., Gunter bldg
Smith & Kelley, Nat. Bk. bldg
Spillman B. W., Alamo Bank bldg
Waller Silber & Co., Bedell bldg
Williams J. C. Jr., Moore bldg
Willis Geo., Chandler bldg
SAN MARCOS—McLellan J. L.
SHERMAN—Elliott S. B.
Tackett W. A.
Tuloch Jno.
SWEETWATER—Bryant J. R
TEXARKANA—(See Texarkana, Ark.)
TYLER—Bothwell J. H.
WACO—Eastwood B. D., 405 Praetorian blk
Lane Roy E., Chamber of Commerce bldg
McIver E. R., 208 Bankers Trust bldg
Scott Milton W. & Co., 412 Franklin
WHARTON—Jopling C. E.
WICHITA FALLS—Jones Evan J.
Pate Charles J.
Voelcker & Dixon

UTAH.

BRIGHAM—Wells Carson F.
KAYSVILLE—Allen Wm.
LEHI—Frederickson Christian
LOGAN—Barrett C. T.
Schaub, Karl C.
OGDEN—Hodgson Leslie S.
Sullivan A. S.
Woods & Jensen
PROVO CITY—Nelson & Ashworth
Wright Chas. H.
RICHFIELD—Wright I. L.
SALT LAKE CITY—Cannon Lewis Telle, 376 2nd av
Canton & Fetzer, Templeton bldg.
Cooper W. J., Boston bldg
Dart D. C., Judge bldg
Falkemach Rudolph, Desert Bk. bldg
Gunther & Cannon, Desert Bk. bldg
Hale Fred A., Continental blk
Headlund, Dooly bldg
Kletting R. K. A., Felt bldg
Miller Woolley, McIntyre bldg
Neilson Lenard C., McIntyre bldg
Pope & Burton, Newhouse bldg
Rutherford F. D., McIntyre bldg
Scott & Welch, Dooly bldg
Ware & Treganza, Utah Sav. & Tr. bldg
Young & Hansen, Vermont bldg
SPANISH FORK—Braithwaite Jesse
SPRINGVILLE—Whitney L. J

VERMONT.

ARLINGTON—Canfield Chas
Tynan J. W.
BRANDON—Flint F. W
Howland B.
BRATTLEBORO—Rice E. W.
BURLINGTON—Austin Frank Lymar
Crandall Chas. H.
Lawrence A. I.
McDowell & Henderson
McLaughlin John J.
HARTFORD—Newton Louis Sheldon
MONTPELIER—Walker Frank A.
PAWLET—Black Geo.
POULTNEY—Town Wm. L.

VIRGINIA.

ABINGDON—Musser W. H. & Son
ALEXANDRIA—Clark Wm. L.
BEAVER DAM—Noland William C.
BERKLEY—(See Norfolk)
BRIDGEWATER—Miller O., Harvey Miller bldg
CHARLOTTESVILLE—Bradbury Eugene
Wingfield Nimrod T.
COVINGTON—Pace S. E.
DANVILLE—Heard, Cardwell & Craighill
Pritchett & Henderson
DUBLIN—Shufflebarger F. N.
FALLS CHURCH—Von Herbulis A. C.
FREDERICKSBURG—Baldwin Frank C.
Stern Philip N.
HAMPTON—Holtzclaw C. Taylor
Remington Cornelius G.
HARRISONBURG—Heatwole J. S. & Co.
LEXINGTON—McDowell W. B.
LYNCHBURG—Craighill S. P., Peoples Nat'l Bank bldg
Heard & Cardwell, Peoples Nat'l Bank bldg
Johnson S. S., Peoples Bk. bldg
McLaughlin J. T., Peoples Nat'l Bank bldg
NEWPORT NEWS—Connell Geo. E.
Mackee & Williams
Simpson H. W.
NORFOLK — Abrames Harvey, Arcade bldg
Archer Romulus C. J., 628 Church
Cabrow Wren & Logewell, New Monroe bldg
Diehl H. Robt., 254 Granby
Diehl W. Newton, New Monroe bldg
Ferguson Finlay F., Law bldg
Gerluff Sylvester, New Monroe bldg
Hullsick K. L. & Co., Flatiron bldg
Mitchell Benj. F., Seaboard Bk. bldg
Moser Philip B., Law bldg
Neff & Thompson, Seaboard Bk. bldg
Peebles John Kenan, Law bldg
Peebles & Fergusoh, Law bldg
Simpson H. W., Board of Trade bldg
Spiegel Bernard B., 108 E Main
Taylor Wickham C., Citizens Bk. bldg
Tunstall & Arrington, 300 E Main
Weich Elmer J., 427 Williams
PETERSBURG—Andrews M. P. & Co.
Craig S. Daley
Dillon C. E., Mechanics bldg
Munden R. A.
PORTSMOUTH—Ferrebee A. O., 520 Crawford
Locknane G. E., 226 High
Major Chas. M.
Wise Lee L., 400½ S Green
RICHMOND—Asbury Otis K., 110 N 7th
Barnham & Hofman, 530 E Main
Baskerville & Lambert, Travelers bldg
Benton & Benton, S W corner Main & 10th st
Bryan Chas. K., 1808 Hanover av
Cain H. L., 12 N 9th
Carneal & Johnston, Chamber of Com.
French G. Herbert, 1108 E Main
Hallett Marcus, 909 E Main
Hartsook L. P., Am. Nat'l Bank bldg
Lee W. D., Travelers bldg
Lee & Lee, 918½ E Main
Lindner & Philips A., N. Bk. bldg, 1001 E Main
Messerschmidt H. Carl, Mutual bldg
Newell Wm. B., rear 8 S Plum
Noland Wm. C., 5 N 9th
Robinson Chas. M., Times-Dispatch bldg
Rowlett B. J., Old Dominion Tr. bldg
Ruehrmund Max E., Allison bldg
Russell Chas. L., 327 N 1st
Sill Buckler & Fenhagen, 819 E Franklin
Sinnott Ed. F., 1001 E Main
West Wm. C., Merchants Bank bldg
ROANOKE—Frye & Chesterman
Miller H. M.
Ragan G. R.
STAUNTON—Collins T. J. & Son
SUFFOLK—Winborne P. J.
WINCHESTER—Diffenderfer E. H.
Neuman J. C.
WYTHEVILLE—Williams Geo. C.

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Dobell R. H.
Haynes C. A.
Troutman C. E.
Vernon Lawrence R.
Vernon Watson
ANACORTES—Farmer L. A.
BELLINGHAM—Cox Wm.
Doan T. F.
Piper F. Stanley
BREMERTON—Evans Wm F., Jr.
Hale Perley B.
CHEHALIS—Griffin J. De F.
EVERETT—Spaulding E. G.
Turnbull, R. F.
Whiteley W. H.
KENT—Leeper A. S.
LEAVENWORTH—Durham W. W.
OKANOGAN—Gough Richard V.
OLYMPIA—Stanley J. C.
Womeb J. H.
OMAK—Okerlund Richard J
POULSBO—Weaver Rudolph
PULLMAN—Swain Wm.
PUYALLUP—Carpenter Ben L.
Jacobs W. S.
Proctor John G.
RENTON—Thorne R. M.
SEATTLE—Albert Henry J., Boston block
Alden Chas. H., 400 Boston block
Baeder Louis, Securities bldg
Baker Frank L., Pacific block
Ballard W. J., 617 1st av
Bebb Chas. H., Securities bldg
Beezer Louis, Seaboard bldg
Beezer, M. J., Seaboard bldg
Bickel C. H., New York bldg
Blackwell J. E., Seaboard bldg
Blair Edgar, 1426 Jackson
Breitung C Alfred, 531 23d av S
Bruce William, Busch Hotel
Brust W. G., 727 New York block
Buchinger Theobold, 8320 Renton
Carrigan Jno., Epler bldg
Champney E. F., Henry bldg
Chevallaz Chas., 405 Luzerne apts
Constable Arnold S., Seaboard bldg
Cornelius A. B., Lumber Ex bldg
Creutzer J. A., Leary bldg
Cruse Frank, Washington bldg
Doyle A. E., Seattle Nat. Bk bldg
Dudley Stuart B., Walker bldg
Dwyer W. E., New York bldg
Dysart Arthur, G. N. Eng. Dept.
Eason Arthur N., 228 Westlake N
Eastman Chas H., Eitel bldg
Everett J. F., Boston blk
Field G. C., Henry bldg
Ford Sherwood D., Lyon bldg
Fowler Frank H., L. C. Smith bldg
Gable George E., 1415 1st av N
Ginnold Harold H., Boston block

Geiser Albert A., 525 New York block
Gifford H. L., Rookery bldg
Gould Carl F., Securities bldg
Graham Jno., L. C. Smith bldg
Grant Francis W., Mehlhorn bldg
Grant William R., Seaboard bldg
Green E. E., Northern Bank bldg
Griffith Edwin St. John, 2014 Franklin av
Guenther Emil, Ry Exchange bldg
Hall John L., Stuart bldg
Hammond H. G., 4507 W Trenton
Hancock E. J., 216 Boston block
Harris Dell W., 1015 Union
Haynes Chas., Mehlhorn bldg
Henderson Ryan, 623 Peoples Bk. bldg
Holmes J. Lister, Burke bldg
Horrocks Pierce, Mehlhorn bldg
Houghton E. W., Lumber Ex
Houghton G. T. A., Lumber Ex bldg
Hudson E. E., Amer. Bank bldg
Hudson John S., Amer. Bank bldg
Hughes F. Omar, 816 Riverside av
Howells John Mad., Henry bldg
Ivey Edwin J., Boston bldg
James Harry H., Amer Bank bldg
Johnson Isham B., Empire bldg
Jones Wm. J., 422 New York block
Jonson J. G., 6727 17th, N W
Josenhans T. J., 4524 Lowman drive
Kelley John E., Jr., Empire bldg
Knox A. N., Securities bldg
Larkin John P., Downs bldg
Lawton Geo. W., Alaska bldg
Loveless Arthur L., Colman bldg
Mann Wm G., 402 Boston blk
McCauley J. L., Boston block
McQuaker Andrew, Mehlhorn bldg
Mallis William, Lyon bldg
Mendel Louis L., Empire bldg
Menke A. F., 512 Hinckley block
Merriam C. A., Seattle Nat. Bk bldg
Merritt Edw. L., Empire bldg
Milner Warren H., Haight bldg
Moldenhour H. A., Alaska bldg
Myers D. J., Lippy bldg
Naramore F. A. 512 Hinckley bldg
Nevins J. R., Hoge bldg
Osborn Edw. T., Pantages bldg
Park Earl G., Securities bldg
Pearce H. B., Arcade bldg
Perkins T. H., Lumber Ex bldg
Peters F. J., Pantages bldg
Pinneh Edw. F., 4746 11th av
Pracna A. B. (Mill), P. I. bldg
Priteca B. M., Pantages bldg
Putnam J. L., Lyon bldg
Purvis Geo. B., Globe bldg
Reid Geo. B., Henry bldg
Richardson Paul D., Henry bldg
Riley Howard H., Boston block
Roberts Earl A., 9508 Rainier av
Rowe R. H., Amer. Bank bldg
Russett J. P., 2039 26th av, N
Ryan H., Hotel Diller
Saunders Chas. W., Ry Exchange
Schack J. H., Lippy bldg
Scheel K. H., Pier No. 1
Sharpe H. Percy, 315 2d av N
Siebrand Carl, Nor. Life bldg
Skoog Joe L., 1711 Yale av
Sonnicksen S. E., 413 Boston block
Stanley G. W., Globe bldg
Stephen Fred. B., New York block
Stephen James, 726 New York block
Storey Ellsworth P., New York bldg
Stuart B. Dudley, Walker bldg
Svary Louis, Seattle Nat. Bk bldg
Taft J. O., 412 21st av
Thomas Harlan, Arcade bldg
Thompson C. B., Mutual Life bldg
Thompson C. L., Mutual Life bldg
Umbrecht Max, Ry Exchange
Vincent R. E., L. C. Smith bldg
Vogel Joshua H., 516 Pacific block
Voorhees V. W., Eitel bldg
Wallington E., Seaboard bldg
Warren & Gerrish, Inc., 518 New York block
White Wm. P., 309 15th av, N
Wheatley Arthur, Walker bldg
Willatzen Andrew C P., Boston blk
Willcox W. R. B., Boston blk
Williams, E. R., Hoge bldg
Wilson C. D., Mutual Life bldg
Wilson Joseph W., Henry bldg
Wolfe Ira T., 5231 11th av, N E
Zieler E. E., 1417 22d av

SPOKANE—Burrill J. R., Exchange Bank bldg
Carpenter C. J., Admin. bldg
Cowley Arthur W., Hyde bldg
Cutter Kirtland, Sherwood bldg
Dow John K., 1705 10th av
Garman Frank E., N 1521 Maple
Held Albert, Realty bldg
Hutchinson Frank G., E 1515 13th av
Keith Geo. H., Hutton bldg
Malmgren K. G., Rookery bldg
Morrison Earl W., Symons block
Pehrson G. A., 816 Riverside
Price Ernest V., Hutton bldg
Rand L. L., Rookery bldg
Rand M. W., Rookery bldg
Rigg A. G., Peyton bldg
Smith H. E., Old Nat. Bank bldg
Stimson V. S., 318 Symons block
Stritesky L. R., Empire State bldg
Thompson N. E., Paulson bldg
Vantyne, Roland M., Peyton bldg
Wells William A., Hyde bldg
Westcott, Frederick, Rookery bldg
White C. Ferris, 828 Montgomery, W
Whitehouse H C., Hutton bldg
Wood Chas., E 2313 5th av
Woodroofe Arnott, Potlach Lumb. Co.
Zittel Julius A., Jamieson bldg

SUNNYSIDE—Ragland Edward H.

TACOMA—Bell Herbert A., Nat. Realty bldg
Borhek R. E., National Realty bldg
Breseman E. J., Perkins bldg
Bullard George Wesley, Provident bldg
Cresco Robert, Cresco apts
Darmer C. A., 1111½ B'way
Dugan Earl N., National Realty bldg
Gove George, Nat. Realty bldg
Heath Frederick, Nat. Realty bldg
Heath, Gove & Bell, Nat'l Realty bldg
Hill I. H., Perkins bldg
Lundberg & Mahon, Provident bldg
Mason Roy S., Provident bldg
Mock, E. T., Perkins bldg
Outcalt D. D. A., Tacoma bldg
Russell Ambrose J., Nat'l Realty bldg
Sampson John T., 4210 N Stevens
Shaw Frederic, Tacoma bldg
Shaw Stanley T., Tacoma bldg
Sutton Albert, Nat. Realty bldg
Sutton & Whitney, Nat. Realty bldg
Trust George, 1523 S Cushman av
Walesby P. C., 5665 S Thompson av
Webber Frederick, 606 Argonne bldg
Wojahn Erick, 3592 E. K.

TOPPENISH—Blaisdel Wm. E.

VANCOUVER—Nichols Dennis
Robinson Felix

WALLA WALLA—Copeland H. L.
Crawford Harold E.
Osterman Henry
Siebert Victor

WENATCHEE—Dean Marshall A., Central bldg

YAKIMA—Bissell L. B.
De Veaux William W.
Jacobs Theodore R.
Lanning W. L., Wilson bldg
Lundstrum A.
Perrin W. M.
Thompson A. K.
Weathewax Harry

WEST VIRGINIA.

BLUEFIELD—Hill Geo. H.
Mahood Alex B.
Pedigo & Garry
Shufflebarger E. L.

BUCKHANNON—Hughes D. C.

CEREDO—Gieske J. R.

CHARLESTON—Carson Alexander W.
Davidson Wayland F.
Dick David & Son
Given & Given
Higginbotham & Knapp
Montgomery Jas.
Warne H. Rus
Wiggins Paul N.

CLARKSBURG—Ford Stephen W.
Hickman Charles L.
Holmboe & Lafferty
La Mont A. G.
Wood Edw. J.

DIAMOND—Kuney M. D.

DUNMORE—Nore J. A.

ELKINS—Darby H. M.

FAIRMONT—Gillis Russell A.
Lyons Andrew C.
Snider C. H.

HINTON—Lavender Jas. B.

HUNTINGTON—Bates Richard M., Nat'l Bank bldg
Day Robert L.
Dean Levi J.
Dickey A. F.
Gieske J. R.
Lowe Lloyd C.
Meanor & Handloser

MONROE COUNTY—Gray George H., Sweet Spring

MORGANTOWN—Jacobs Elmer F.

PARKERSBURG—Adair Richard H.
Patton Wm. Howe
Sansbury Theo. T. Jr.
Schneider Harvey W.

PRINCETON—Wysong A. F.

SHEPHERDSTOWN—Humrickouse Samuel J.

WELLSBURG—Wells M. L.

WESTON—Arnold A. A.
Moore J. S.

WHEELING—Bates Chas. W., Nat'l Bk. of W. Va. bldg
Faris Fred. F., Schmulbach bldg
Franzheim E. B., Schmulbach bldg
Giesey M. F., German Bk. bldg
Vester & Son, McLain bldg

WISCONSIN.

ANTIGO—Herman George B.

APPLETON—De Long Wallace W.
Wettengel Ed. A.
Wildhagen Herman

ASHLAND—Wildhagen Henry

BELOIT—Kemp F. H.

BLACK RIVER FALLS—McGillivray J. J.

CEDARBURG—Hilgen Wm. F.

CHIPPEWA FALLS—Snyder Samuel
Willenbockel L. A., 509 Bay

EAU CLAIRE—Happy Harrison G.
Lang Robt. A.
Moore Charles
Reily A. E.
Volkman & Hancock

FOND DU LAC—Heller H. F
Hennen Joseph E.
Mehner B. E.

GRAND RAPIDS—Billmeyer A. F.
DeGuere L. A.
Miller Geo. B.

GREEN BAY—Benton Perry T.
Carr H. W.
Reynolds Wm. E.

JANESVILLE—Blair W. H.
Sadler F. E.

KAUKAUNA—Coppes John

KENOSHA—Augustine Charles
Christensen Oscar N.
Hahn Howard H.
Lindl Joseph

LA CROSSE—Bennett Wells E.
Parkinson & Dockendorff
Roth Andrew

MADISON—Alford H. C.
Balch Harold C.
Claude & Starck
Conover Allan D.
Gordon, Balch & Lippert
Kronenberg F. L.
Law James R.
Porter Lew F.
Riley Frank M.
Schwenn August
Small Alvin E.
Tough Edward

MANITOWOC—Juul & Sixta
Miller Earl F.
Raeuber W. J.

MARSHFIELD—Krasin Gustave A. (& Builder)

MILWAUKEE—Backes Nicholas P., M. & M. Bk bldg
Backes & Pfaller M. & M. Bk. bldg
Bader Frank L., Park Hill av & Park Hill pl
Barkhausen Carl, 408 Iron blk
Bennett Paul, 865 34th
Brielmaier, B. A., 432 B'way
Brielmaier E. & Sons Co., 432 B'way
Brielmaier Jos M., 432 B'way
Brielmaier Leo, 432 B'way
Bruns Herman H., 845½ 26th
Brust & Phillipp, Free Press bldg
Buemming & Guth, 521 Jackson
Clas A. C., Colby-Abbott bldg
Dick & Maurer, 811 State
Dohmen Anton, 68 Wisconsin
Eschweiler Alexander C., Goldsmith bldg
Esser Herman J., Camp bldg
Fernekes Max, Ry Exchange bldg
Fink Chas. A., 302 W Water
Glaser Jos., 556 32d
Graf Fred, 807 Grand
Gray Frank E., 86 Michigan
Gurda Leon M., 920 2nd av
Guth Alex. C., 521 Jackson
Haeuser H. C., 445 Milwaukee
Hegemann & Peets, 68 Wisconsin
Heimerl Julius E., 220 34th
Hengels Henry C., First Natl. Bank bldg
Hensel Henry C., 766 8th
Herbst & Kuenzli, 114 Grand av
Howend Frank, 42 Mack blk
Hunt Leigh, 209 Grand av
Johnson Clarence, 417 33d
Judell & Bogner, 445 Milwaukee
Kadow Stanley F., 97 Milwaukee
Keller Chas. J., 221 Grand av
Kemnitz, Geo., 1107 Island av
Kirchoff & Rose, Majestic bldg
Klenyendorf Geo., 121 Wisconsin
Koch A. D., 120 Wisconsin
Kulas Henry, 883 Windlake av
Leenhouts & Guthrie, 424 Jefferson
Leibert Eug. R., 432 B'way
Liebert Eug. R., 432 B'way
Leipold Gustave H., 160 Martin
Leiser & Holst, Brumder bldg
Lesser & Schutte, 68 Wisconsin
Lotter Henry G., 427 Milwaukee
Maettig Fred, 2812 North av
Marzillier & Chromaster, 144 Oneida
Menge Jno., 138 Wright
Messmer R. A. & Bro., Majestic bldg
Michalak Albert, 642 Becker
Miller Hugo V., 646 24th
Neumann Walter F., 114 Grand av
Oberst Richard E., 307 Grand av
Oswald Sylvester, Brumder bldg
Peacock & Frank, 445 Milwaukee
Ringer C. F. & Son, 432 B'way
Rische Chas. H., 2227 Grand av
Rosman & Wierdsma, 424 Jefferson
Roth Jno., 199 Locust
Rotier H. J., 141 Wisconsin
Schley Geo. & Sons, 424 E Water
Schnetzlay & Son, 105 Wells
Schutz Theo F., 657 Milwaukee
Scott & Mayer, 445 Milwaukee
Topzant John, 307 Grand av
Tulligren Martin & Sons, 1st Nat'l Bk. bldg
Uehling Otto C., 425 E Water
Vaalentine Chas. W., 405 B'way
Valentine Chas. W., 428 Jefferson
Van Alyea Thos., 424 Jefferson
Van Ryn & De Gelleke, Caswell blk
Voelz Henry W., 86 Mich.
Webb Oliver, 544 49th
Weyland Ernest, Caswell block
White Martin F., 68 Wisconsin
Williamson R. B., 405 B'way
Wiskocil Aug. W., 692 Island av
Wolff Wm., 1728 Wells
Zagel Geo. & Bros., 144 Oneida

NEENAH—Lindahl & Matheson

OSHKOSH—Auler & Jensen
Dreger J. F.
Klapproth Wm. C.
Waters William

PLATTVILLE—Kleinhammer H.

PRAIRIE DU SAC—Dresen Jos.

RACINE—Chandler & Park, 400 S Main
Davis David R., 526 S Wisconsin
Funston Edmund B. Co., Robinson bldg
Guilbert & Funston, Robinson bldg

REEDSBURG—Rork W. W.

RIPON—Kunde J. A.

SHEWANO—Fritz C. C.

SHEBOYGAN—Jahn Rudolph R.
Weeks William C. (& Builder)

STURGEON BAY—Crandall F. D.

SUPERIOR—Bach J. O.

WISCONSIN—Superior—continued
Johnson F. E.
Radcliffe E. S.
WAUKESHA—Anderson Charles C.
WAUSAU—Liebert Hans T.
Parsons Anthony
Swarthout & Speer
WEST ALLIS—Lesser Charles L.

WYOMING.

CASPER—Garbutt & Weidner
CHEYENNE—Baerresen & Wieger
Du Bois Wm.
LARAMIE—Hitchcock W. A.
Holliday Lewis J.
SHERIDAN—Goddard Simon
Hummel A. E.
Randall C. A.
Zander O. M.

225— Architects (Brewery)

Barthel Bernard, 127 N Dearborn, Chicago, Ill.
Boehme Chris. A., 2215 Lyndale, Minneapolis, Minn.
Dornfeld J. F., 2148 W Washington bl., Chicago, Ill.
Engelhardt Theobald, 905 B'way, Brooklyn, N. Y.
Gatterdam Fred E., 154 W Randolph, Chicago, Ill.
Glaser & Schwartz, Cincinnati, O.
Griesser Richard, 64 W Randolph, Chicago, Ill.
Hettinger C. F. & Co., Boston, Mass.
Hooper & Co., 118 Market, Newark, N. J.
York
Koelle Wm. F. & Co., 26th & Oxford, Phila., Pa.
Lehle Louis, 38 S Dearborn, Chicago, Ill.
Mortensen & Co., 405 Lexington av, New York
Mueller Gustave A., Breitmeyer bldg., Detroit, Mich.
Peuckert & Wunder, 310 Chestnut, Phila., Pa.
Schultz Julius, 1370 Main, Buffalo, N. Y.
Wolf Otto C., Denckla bldg, Phila., Pa.

226— Architects (Decorative)

Hiss Phillip, 452 5th av, New York
Kissam Henry Snyder, 25 Madison av, New York
Korber Albert & Son, 42 Hanson pl, Brooklyn, N. Y.
Lamb J. & R., 25 6th av, New York
Paris W. Francklyn, 53 W 39th, New York
Parker H. Hanley, 1710 Chestnut, Phila., Pa.
Poole Thomas H. & Co., 13 W 30th, New York
Righter & Kolb, 420 Madison av, New York

227— Architects (Horticultural)

Hitchings & Co., Elizabeth, N. J.
Lord & Burnham Co., 30 E 42d, New York
Lutton Wm. H., 70 E 45th, New York
Pierson U Bar Co., 1 Madison av, New York
Sandiford Chas., 2692 Main, Buffalo, N. Y.
Weathered Co., Orient & West End ave, Jersey City, N. J.

228— Architects (Landscape)

Adams Edward P., Exchange bldg, Boston, Mass.
Adams Louis S., 1530 Walnut, Phila., Pa.
Allen Percy Ira, Cutler bldg., Rochester, N. Y.
Ankenbauer B., 5139 Imwalle av, Cincinnati, O.
Arnold S. A., 50 Bromfield, Boston, Mass.
Arnold & Tripp, Guardian bldg, Cleveland, O.
Auten Andrew, Rose bldg, Cleveland, O.
Baker Harry F., 4629 Lake Harriet blvd, Minneapolis, Minn.
Baumann L., 3233 Portis av, St. Louis, Mo.
Bell Bruce A., Easton, Pa.
Bemis Addison L., Worcester, Mass.
Benton Wm. H., Bond bldg, Washington, D. C.
Bird Louis F., 156 5th av, New York
Berckmans P. J. Co., Augusta, Ga.
Boehler Chas. F., Kresge bldg, Detroit, Mich.
Bonnell J. V., 1 B'way, New York
Bowditch Jas. H., Tremont bldg, Boston, Mass.
Brant Louis, 1900 Euclid av, Cleveland, O.
Breed Edward W., 340 Main, Worcester, Mass.
Brett & Hall, 248 Boylston, Boston, Mass.
Brenckerhoff Arthur F., 527 5th av, New York
Brinley & Holbrook, 156 5th av, New York
Bryan H. F., 1802 W 50th, Los Angeles, Cal.
Bullard Elizabeth (Miss), 472 Park pl, Bridgeport, Conn.
Burley Jas. L., 347 5th av, New York
Burnap George, 808 17th, N W, Washington, D. C.
Burr Henry E., Orange, N. J.
Caparn Harold A., 220 W 42nd, New York
Carpenter A. N., Galesburg, Ill.
Carr L. W., 154 East av, Cleveland, Ohio
Cassebeer Walter H., 17920 Detroit, Rochester, N. Y.
Chapman J. L., 720 Robinson av, San Diego, Cal.
Childs Neal T., Co., 68 Post, San Francisco, Cal.
Clapp & Abercrombie Co., Greenfield, Mass.
Clark Elizabeth B., 235 S 11th, Philadelphia, Pa.
Clark G. Aldersey, 46 Cornhill, Boston, Mass.
Coe E. F., 103 Alden av, New Haven, Conn.
Coffin M. C., 73 E 92d, New York
Cole L. S., 14 E Jackson blvd, Chicago, Ill.
Colton Reuben, 31 Massachusetts av, Boston, Mass.
Colwell E. F., 6523 Euclid av, Cleveland, Ohio
Comey & Frost, Abbott bldg, Boston, Mass.
Conard D. R., Hartman bldg., Columbus, O.
Cook-Rankin-Wyckoff, 112 W 9th, Los Angeles, Cal.
Coppola D., Echester rd & Pelham Parkway, New York
Coppala Ra Faillo, Pennyfield av., New York
Cotton H. W., 406 Centre, Newbury, Mass.
Cowell Arthur W., State College, Pa.
Cridland Robert B., Candler bldg, Atlanta, Ga.
Curtis J. H., 220 Devonshire, Boston, Mass.
Dean Ruth, 137 E 55th, New York
De Forest Alling, Sibley bldg., Rochester, N. Y.
De Hertogh Ruckaberle & Co., 25 W 42d, New York
Desmond Theo. H., Hartford, Conn.
Di Roma Tony, 33 Evelyn pl, New York
Drake & Jackson, Chamber of Commerce bldg, Detroit, Mich.
Draper E. S., 507 5th av, New York
Dunn Cooper M., State Life bldg, Indianapolis, Ind.
Edgerton William S., 234 Lark, Albany, N. Y.
Elliott J. Wilkinson, 336 4th av, Pittsburgh, Pa.
Endres H. W., Syndicate Trust bldg, St. Louis, Mo.
Essig W. W. & Co., Griswold Hotel, Detroit, Mich.
Estep Miles E., Paulsen bldg, Spokane, Wash.
Fairfield Landscape & Nurseries Co., 103 Park av, New York
Faragher B. P., 10600 Euclid av, Cleveland, O.
Faraquehar R. A. J. & Co., 6 S. Market, Boston, Mass.
Farrend Mrs. Beatrix, 21 E 11th, New York
Fenollosa, White & Shufeldt, 101 Tremont, Boston, Mass.
Fish Charles R. & Co., Worcester, Mass.
Flournoy Addison H., McClean bldg, Washington, D. C.
Forester Landscape, Ltd., 71 B'way, New York
Fowler Clarence, 15 E. 40th, New York
French Chas. G., 50 Church, New York
Frosch Berthold, 413 4th av, Pittsburgh, Pa.
Fullgraf C. W., St. Louis County Bank bldg, St. Louis, Mo.
Gass John, 600 Hastings, Pittsburgh, Pa.
Gay Willard W., 70 E 45th, New York
Geiffert Alfred, Jr., 527 5th av, New York
Gott Francis H., 154 East av, Rochester, N. Y.
Greenfield Jas. L., 1 Broadway, New York
Greenleaf Jas. L., 1 B'way, New York
Griffin Walter Burley, 175 W Jackson bl, Chicago, Ill.
Hare & Hare, Gumbel bldg, Kansas City, Mo.
Harrison Walter H., La Mott, Pa.
Hart W. L., Law bldg
Hartman J., 106 W 96th, New York
Hartwick E. F. & Co., Kresge bldg, Detroit, Mich.
Helder Arthur H., Kansas City, Mo.
Hertlein J. P. A., Louisville, Ky.
Hettinger Henry C., McHenry, Ill.
Hill Mrs. Florence M., 202 W 74th, New York
Hinchman & Pilat, 52 B'way, New York
Hobbs & Dunn, State Life bldg, Indianapolis, Ind.
Honess Frank C., 24 S Sprague av, Pittsburgh, Pa.
Horvath M. H., 649 Leader, Cleveland, O.
Howard Francis, 7 W 47th, New York
Howard, Paul J., 1521 W 7th, Los Angeles, Cal.
Howard W. B., Jr., 15 Broad, New York
Hoyt E. S., 33 W 11th, New York
Hubbard H. V., 101 Tremont, Boston, Mass.
Hungerford Darius, 842 Bradword av N, Nashville, Tenn.
Hunt W. W. & Co., 24 State, Hartford, Conn.
Ilgenfritz E. C. & Co., 30 Prentiss av, Detroit, Mich.
Jay Mary R., 101 Park av, New York
Johnson I. M. Co., 3245 22d av S., Minneapolis, Minn.
Keen Chas. Barton, 1218 Chestnut, Philadelphia, Pa.
Kellaway Herbert J., 12 West, Boston, Mass.
Kelsey F. W. Nursery Co., 150 B'way, New York
Kelsey Harlan P., Salem, Mass.
Kennard F. H., 220 Devonshire, Boston, Mass.
Keyser Clarence A., 41 S 15th, Phila., Pa.
King John J., 1600 Morningside av, Pittsburgh, Pa.
Klehm John & Sons, 428 Jefferson, Milwaukee, Wis.
Klose J. Chas., West Hoboken, N. J.
Krautheim Edward, 5335 Westminster av, Philadelphia, Pa.
Langdon Jas. G., Munsey bldg, Baltimore, Md.
Lauderburn D. E., 156 5th av, New York
Lay Chas. Downing, 15 E 40th, New York
Leavitt Chas. W., Jr., 220 B'way, New York
Leonard Elizabeth, Abbott bldg, Cambridge, Mass.
Le Sure-Fuller Co., Peoria Life bldg, Peoria, Ill.
Lewis & Valentine Co., 47 W 34th, New York
Lloyd Percival M., Poughkeepsie, N. Y.
Lowrie C. N., 101 Park av, New York
McClure Geo. W. & Son, 34 Gates Circle, Buffalo, N. Y.
McDougall G. M. Co., 45 Monument pl, Indianapolis, Ind.
McGregor James, Pelham Bay Park, New York
MacRorie-McLaren Co., 141 Powell, San Francisco, Cal.
Magee Wm. H., West Newton, Mass.
Mallett Geo. A. Co., 1005 Broad, Bridgeport, Conn.
Mampoteng Fred, 103 Park av, New York
Manehan F. T., 12 Fairview av, Spokane, Wash.
Manning Warren H., Tremont bldg, Boston, Mass.
Martin H. H. Co., 15 E 40th, New York
Meehan Thos. & Sons, Chew & Phil-Ellena, Phila., Pa.
Meier Theo. G., Monadnock bldg, San Francisco, Cal.
Meinersman H. T. Co., Steger bldg., Chicago, Ill.
Merrill Chas. B. & Co., 53 Bowers, Newtonville, Mass.
Miller Geo. Evans, 5900 Washington, Phila., Pa.
Miller Geo. H., 6 Beacon, Boston, Mass.
Miller L. L., 143 Liberty, New York
Morell & Nichols, Palace bldg, Minneapolis, Minn.
Morse Leonard, 41 S 15th, Phila., Pa.
Moser A. P., 803½ E Main, Richmond, Va.
Movius & Rotch, 89 State, Boston, Mass.
Mueller P. L., 4845 Bryant, S. Minneapolis, Minn.
Muller Sealy Co., 145 W 45th, New York
Munger Walter R. Co., Lincoln Court Inn bldg, Cincinnati, O.
Munson-Whitaker Co., 470 4th av, New York
Murray Thomas N., Monadnock bldg, San Francisco, Cal.
Muskopf & Irish Co., Boatmen's Bank Tr. bldg, St. Louis, Mo.
Negus S. P., 284 Dart, Boston, Mass.
Nichols Arthur R., Palace bldg, Minneapolis, Minn.
Nutter F. H., Palace bldg., Minneapolis, Minn.
O'Connor Jas., Penfield bldg., Phila., Pa.
Olmstead Bros., Brookline, Mass.
Pain & Young, Tampa, Fla.
Parke David, 300 Elysian av, Pittsburgh, Pa.
Parker, Bateman & Chase, Clinton, Mass.
Parsons Samuel, 101 Park av, New York
Paul & Ford, 1424 Walnut, Phila., Pa.
Pentecost Geo. F., Jr., 15 E. 40th, New York
Perl Bros., N. Y. Life bldg, Minneapolis, Minn.
Phelps J. Wesson, 26 State, Hartford, Conn.
Phillips & Wilcox, Kresge bldg, Detroit, Mich.
Pierson A. S., Morrison, N. J.
Pilat Carl F., 52 B'way, New York
Pitkin Wm., Jr., Guardian bldg, Cleveland, O.
Platt Chas. A., 101 Park av, New York
Pond & Robinson, 101 Tremont, Boston Mass.
Powell W. Angelo, 615 S 15th, St. Joseph, Mo.
Prager Oscar A., 742 Market, San Francisco, Cal.
Pratt Henry M., 53 State, Boston, Mass.
Pratt Richard H., 13 W Saratoga, Baltimore, Md.
Pray, Hubbard & White,, 101 Tremont, Boston, Mass.
Prudential Nursery & Landscape Co.,, Dime Bank bldg, Detroit, Mich.
Punchard W. H., 284 Dart, Boston, Mass.
Purcell & Elmslie, N. W. Nat'l Life bldg, Minneapolis, Minn.
Quimby Ralph A., 53 State, Boston, Mass.
Records Francis B., Jr., 220 Devonshire, Boston. Mass.
Reding & Howard, 11 E Lexington, Baltimore, Md.
Reeves & Ramsey, Putnam bldg, Davenport, Ia.
Rich & Putnam, 104 S Warren, Syracuse, N. Y.
Richie Wm. H., 41 S 15th, Philadelphia, Pa.
Rogers Geo. C. D., Morristown, N. J.
Roman Landscape Contng Co., Inc., 15 E 40th, New York
Ross H. Wilson, Newton Centre, Mass
Rosary Flower Co., Inc., 423 Park av, New York
Ruedlinger C. N., 2929 Colfax av, Minneapolis, Minn.
Saltus Roelin S., 9 E 41st, New York
Sanger W. Prentice, 21 W 40th, New York
Sargent A. R., 225 5th av, New York
Schermerhorn Richard, Jr., 363 Lexington av, New York
Schwagari Edw. D., Washington bldg, Tacoma, Wash.

Searles E. M., 3327 Market, San Diego, Cal.
Sears Thos. W., 107 Westminster, Providence, R. I.
Sears & Wendell, 1424 Walnut, Philadelphia, Pa.
Shapleigh Bertram, 5 W 47th, New York
Shaw J. D., 510 S Spring, Los Angeles, Cal.
Shermerhorn Richard Jr., 347 5th av, New York
Shurtleff Arthur A., 89 State, Boston, Mass.
Smillie Edw. S., 394 Central, Newton, Mass.
Smith A. W. Co., Keenan bldg, Pittsburgh, Pa.
Smith F. L. & Co., 7033 Hermitage, Pittsburgh, Pa.
Smith F. A. Cushing, 445 Milwaukee
Smith Paul R., 89 State, Boston, Mass.
Smith S. C., 107 Westminster, Providence, R. I.
Spinner F. E. & Co., 35 Warren, New York
Steele Fletcher, 88 Broad, Boston, Mass.
Stiles Wayne E., 95 Oliver, Boston, Mass.
Stinchcomb & Boddy, Engineers bldg, Cleveland, Ohio
Strang Elizabeth L., Wachusetts
Strittmatter A., 444 Field av, Detroit, Mich.
Supplee Co., 5900 Washington, Phila., Pa.
Taylor A. D., 1900 Euclid av, Cleveland, Ohio
Temblett Wm. H., 11117 Willowmere av, Cleveland, O.
Thiene P. G., 112 W 9th, Los Angeles, Cal.
Thomas Jeffrey P., 615 6th, Watervliet, N. Y.
Titus John E., Newton Upper Falls, Mass.
Tooker E. Post, 101 Park av, New York
Townsend & Fleming, Prudential bldg, Buffalo, N. Y.
Tripp A. F., 44 College, Providence, R. I.
Tucker William, 35 Nassau, New York
Tuschinsky Alex., Indiana Pythian bldg, Indianapolis, Ind.
Underwood Loring, 15 Exchange, Boston, Mass.
Vermeulen A. A., 253 S B'way, Los Angeles, Cal.
Vinal Ralph S., 46 Cornhill, Boston, Mass.
Vitale, Brinckerhoff & Geiffert, 527 5th av, New York
Vitale & Rothery, 527 5th av, New York
Von Hoffman Ferdinand, 1118 Tinton av, New York
Wadley & Smythe, 491 5th av, New York
Weinrichter R. M., Cutler bldg, Rochester, N. Y.
Weston, Shepard & Davison, 36 E 23d, New York
Wheelwright Robert, 15 E 40th, New York
White Elm Nursery Co., 733½ Cramer, Milwaukee, Wis.
White Margaret, 11 Highland, Cambridge, Mass.
Woolner W. C., 131 State, Boston, Mass.
Wright F. L. Jr., 112 W 9th, Los Angeles, Cal.
Wyman P., Essex bldg, Minneapolis, Minn.
Wyman P., McKnight bldg, Minneapolis, Minn.
Wustrow K. A., 920 17th, N W, Washington, D. C.
Yates Thaddeus N. & Co., 7356 Grant av, Philadelphia, Pa.
Yeo Robert J., 524 Massachusetts av, Boston, Mass.
Yoch F. T. (Miss), 210 W 7th, Los Angeles, Cal.
Young Jos. H., 34 S 16th, Phila., Pa.
Ziccardi & Weiler, 9706 Madison av, Cleveland, O.

229— Architects (Naval)

Alden John, 131 State, Boston, Mass.
Babcock & Penton, 120 B'way, New York
Ballin F. A., Worcester bldg, Portland, Ore.
Barney Morgan, 187 Greenwich av, New York
Bowers & Mower, Chestnut & 5th, Phila., Pa.
Bowes Thos. B., 822 Lafayette bldg, Philadelphia, Pa.
Burbank Ralph N., 75 State, Boston, Mass.
Burgess W. Starling Co. (Ltd), Marblehead, Mass.
Burwell Elliott N., 65 Griggs rd, Boston, Mass.
Callis D. Millard, Munsey bldg, Baltimore, Md.
Cookson, Walter & Callahan, San Pedro
Coolidge L. H., Seattle, Wash.
Cornell & Matthews, Bulletin bldg, Phila., Pa.
Cox & Stevens, 15 William, New York
Crowninshield B. B., 75 State, Boston, Mass.
Crouch Geo. F., 2511 Sedgwick av, New York
Curtis W. H., Louis bldg, Portland, Ore.
Deed Wm. J., Jr., 112 Water, Boston, Mass.
Dickie D. W. & R. Z., 112 Market, San Francisco, Cal.
Donald James, 17 Battery pl, New York
Donnelley Wm. T., 17 Battery pl, New York
Downey Wallace, 5 Nassau, New York
Ferris Theo. E., 30 Church, New York
Fulton Allan W. & Co., 602 E Pratt, Baltimore, Md.
Furstenau Martin C., 308 Walnut, Phila., Pa.
Gardner William & Co., 1 B'way, New York
Gaskin Edw., Buffalo, N. Y.
Geary L. E., Pier 1, Seattle, Wash.
Germain Louis, Saginaw, Wash.
Gielow & Orr, 52 B'way, New York
Hall Bros. Marine Railway & Shipbuilding Co., 312 California, San Francisco, Cal.
Hand W. H. Jr., New Bedford, Mass.
Harris Leonard B., 233 B'way, New York
Hatch Southmayd, ft Fordham, New York
Hillman Gustav F. C., 470 Green av, Brooklyn, N. Y.
Hughes C. H., 82 Beaver, New York
Hull Ernest H., 10 E 47th, New York
Isherwood J. W., 17 Battery pl, New York
Jones Frank Bowne, 29 B'way, New York
Jones Yacht Agency, 29 B'way, New York
Kidd Jos. & Son, Palladio bldg, Duluth, Minn.
Kindlund & Drake, 17 Battery pl, New York
Kromholz L., 1765 Townsend av, New York
Lane & Wyman, 576 Quinnipiac av, Bridgeport, Conn.
Lee & Brinton, Seattle, Wash.
Lord F. K., 120 B'way, New York
McAllaster & Bennett, Central bldg, Seattle, Wash.
McClelland N. E. & Co., Ltd., 2 Stone, New York
McClunie J. A., 177 Asylum, Hartford, Conn.
Millard J. W. & Bro., 17 State, New York
Mower Chas. D., 347 Madison av, New York
Nock F. S., East Greenwich, R. I.
Ohyama T. H., Woolworth bldg, New York
Owen Geo. Newton, Boston, Mass.
Palanca A., 291 B'way, New York
Reid John & Co., 30 Church, New York
Rimmer A. C., 149 B'way, New York
Row & Davis Engineers, Inc., 90 West New York
Shepard Geo. C., Munsey bldg., Baltimore, Md.
Simpson Geo., 17 Battery pl, New York
Smith Bros., Rockefeller bldg, Cleveland, Ohio
Stratton E. Platt, 80 Broad, New York
Swanson Peter, Belvedere, Cal.
Swasey, Raymond & Page, 100 Bolyston, Boston, Mass.
Tams, Lemoine & Crane, 52 Pine, New York
Thayer Horace H., Jr., 140 N Broad, Philadelphia, Pa.
Versoy Irving R., Morris Cove, New Haven, Conn.
Wales Merton W., 2687 Marion av, New York
Watts J. Murray, Bulletin bldg., Phila., Pa.
Westcott & Mapes, Inc., New Haven, Conn.
Whittelsey & Whittelsey, 17 Battery pl, New York
Wintringham & Wells, 32 B'way, New York
Wood W. J., 140 W Vaan Buren, Chicago, Ill.
Young Benj. P., 2 Stone, New York
Young Rakestraw & Ferguson, 15 William, New York

230—Architects (Paper & Pulp Mill)

See also Engineers, Mill

Anderson & Jones, Carthage, N. Y.
Bigelow W. C., Biddeford, Me.
Buss Edward A., 85 Water, Boston, Mass.
Chapman C. A., Inc., 28 E Jackson blvd, Chicago, Ill.
Ellsworth & Howes, Holyoke, Mass.
Hardy Geo. F., 309 B'way, New York
Kimball Herbert S., 75 State, Boston, Mass.
Newhall Geo. M., Com'l Trust bldg, Phila., Pa.
O'Keefe-Orbison Engineering & Construction Co., Appleton, Wis.
Pride C. B., Realty bldg, Spokane, Wash.
Wallace Jos. H. & Co., 5 Beekman, New York

231— Architects (Theatre)

Allen John D., Heed bldg, Phila., Pa.
Blackall, Clapp & Whittemore, 20 Beacon, Boston, Mass.
Kimball Francis H., 71 B'way, New York
Koehler V. Hugo, 2 Columbus Circle, New York
Lempert Leon H. & Son, Cutler bldg, Rochester, N. Y.
Lovell Sidney, 30 N Michigan, Chicago, Ill.
McElfatrick Wm. H., 701 7th av, New York
Packard F. L., Hayden bldg, Columbus, O.

232—Architects' & Engineers' Instruments & Supplies

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Albrecht Chas. R., 62 Fulton, New York
Aloe A. S. Co., 513 Olive, St. Louis, Mo.
Alteneder Theo. & Sons, 1217 Spring Garden, Phila., Pa.
AMERICAN BLUE PRINT PAPER CO., 445 Plymouth ct, Chicago, Ill.
American Drafting Furniture Co. ("American"), 129 Mill, Rochester, N. Y.
Amsler Blue Print Co., 30 Church, New York
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Brown Blodgett & Sperry Co., University & Wheeler, St. Paul, Minn.
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Favor Ruhl & Co., 43 W 23rd, New York
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Fink Instrument Co., 804 Pine, St. Louis, Mo.
Frost & Adams Co., 25 Arch, Boston, Mass.
Geier & Bluhm, Troy, N. Y.
Graham J. W. & Co., Spokane, Wash.
Gurley W. & L. E., Troy, N. Y.
Hemp C. E., Hamilton, O.
Jambor Mfg. Co., 911 Center, Milwaukee, Wis.
Johnston J. W. ("Snow White" Marking Fluid), New Arts bldg, Rochester, N.Y.
Keuffel & Esser Co., Hoboken, N. J.
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Knight F. C. & Co., 400 Locust, Phila., Pa.
Kolesch & Co., 138 Fulton, New York
Kurtz Langbein & Swartz, 535 Wood, Pittsburgh, Pa.
Lewery L. J. & Co., Inc., 12 Battery pl, New York
McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
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Multi Color Copying Co., 125 Woodward av, Detroit, Mich.
New York Blue Print Paper Co., 102 Reade, New York
Newton Automatic Shading Pen Co., Pontiac, Mich.
Noera Mfg. Co. (Engineers' Sets), Waterbury, Conn.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
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Pfister Wm. H., 230 W 4th, Cincinnati, O.
Post Frederick Co., 319 S Wabash av, Chicago, Ill.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 64H W Johnson, Phila., Pa.
Robbins Chas. H. Jr., 125 S 11th, Phila., Pa.
Ruehle E. G. & Co., 119 Fulton, New York
Sartorius A. & Co., 57 Murray, New York
Seelig R. & Son, 231 N 5th av, Chicago, Ill.
Spaulding Moss Co., 42 Franklin, Boston, Mass.
Taws Henry M., 920 Arch, Phila., Pa.
Technical Supply Co., Scranton, Pa.
Ulmer J. C. Co., 1791 E 38th, Cleveland, Ohio
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Warren-Knight Co., 136H N 12th, Phila., Pa.
WEBER F. & CO., 1220 Buttonwood, Phila., Pa. Also St. Louis, Mo., & Baltimore, Md.
Weil J. H. & Co., 1306 Arch, Phila., Pa.
White David Co., 419 E Water, Milwaukee, Wis.
Williams Brown & Earle, 918 Chestnut, Phila., Pa.
Wissler A., Bway & Washington av, St. Louis, Mo.
Young & Sons, 43 N 7th, Phila., Pa.

Architectural Brass Work

See Grilles, Brass & Bronze

233— Architectural Faience

Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Hartford Faience Co., Hartford, Conn.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Rookwood Pottery Co., Rookwood Pl, Mt. Ad., Cincinnati, O.

Architectural Iron

See Iron, Architectural & Ornamental

Architectural Sculptors

See Modelers & Sculptors, Architectural; Carvers, Stone; Carvers, Wood, Classic

234—Architectural Water Colorists & Pen & Ink Artists

Buck Lawrence, 64 E Van Buren, Chicago, Ill.
Campbell Walter M., 8 Beacon, Boston, Mass.
Hawley Hughson, 1 Union sq W, New York
Hewlett William A, 1265 Bway, New York

235— Arecolire

Hoffmann-La Roche Chemical Works, 440 Washington, New York

236— Argols

Fuller, Ralph L., & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la., New York
Innis, Speiden & Co., Inc. (White & Red), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Armature Lifts

See Lifts, Motor, Car Pit

237—Armature Re-Winding & Commutator Re-Filling

Advance Electric & Mfg. Co., Kansas City, Mo.
Bissell F. Co., Toledo, O.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Capital Elec. Co., Springfield, Ill.
Chattanooga Armature Works, Chattanooga, Tenn.
Cleveland Armature Works, Inc., 4736 St. Clair av, Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Dittrick & Jordan Electric Co., 8700 Lorain av, Cleveland, O.
Doubleday-Hill Electric Co., 719 Liberty ave, Pittsburgh, Pa.
Downing-Smith Co., 430 S Green, Chicago, Ill.
Electric Supply Co., Charleston, S. C.
Electro-Dynamic Co., Bayonne, N. J.
Electromechanical Co., 530 N Calvert, Baltimore, Md.
Findlay Elec. Co., 215 S 5th, Minneapolis, Minn.
Flint Electric & Mfg. Co., Denver, Col.
Godsey & Fry, Richmond, Va.
Gregory Elec. Co., 1601 S Lincoln, Chicago, Ill.
Guyan Machine Shops, Logan, W. Va.
Homer Commutator Co., 4748 Hough av N E, Cleveland, O.
Houston Armature Works, Houston, Texas
Jordan Bros., 74 Beekman, New York
Kester Electric Co., Terre Haute, Ind.
King Coil & Mfg. Co., Scofield bldg, Cleveland, O.
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E., Elec. Co., Wilkes-Barre, Pa.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.
Ridlon Frank Co., 251 A, Boston, Mass.
Scranton Elect. Const. Co., Scranton, Pa.
Utica Armature Works, Utica, N. Y.
Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

238— Armatures

See also Coils, Armature & Field

Arrow Mfg. Co., 618 Broadway, Toledo, O.
Bissell F. Co., Toledo, O.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Capital Elec. Co. Springfield, Ill.
Cleveland Armature Works, Inc., 4736 St. Clair av, Cleveland, O.
Columbus Electrical Works Co., 247 N Front, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Cooke-Wilson Electric Supply Co., Imperial Power Co., Pittsburgh, Pa.
Downing-Smith Co., 430 S Green, Chicago, Ill.
Findlay Elec. Co., 215 S 5th, Minneapolis, Minn.
General Electric Co. ("Elec"), Schenectady, N. Y.
See adv index at end of book
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E. Elec. Co., Wilkes-Barre, Pa.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

238a— Arms (Tone)

General Phonograph Corp., 25 W 45th, New York
Heineman Otto, Phonograph Supply Co., 25 W 45th, New York
Thomas Mfg. Co., Dayton, O.
United Mfg. & Distributing Co. ("United"), 536 Lake Shore Drive, Chicago, Ill.

239— Arresters (Lightning)

American Elec. Co., 6401 S State, Chicago, Ill.
Brach L. S. Supply Co., 129 Sussex av, Newark, N. J.
Bunnel J. H. & Co., 32 Park pl, New York
Butler-Edwards Electric Co. (Mercury), Easton, Pa.
Central Tel. & Electric Co. (For Telephone), 310 N 11th, St. Louis, Mo.
Chance Mfg. Co. ("Sky-Rocket," for Telephone & Telegraph), Centralia, Mo.
Chicago Fuse Mfg. Co. (For Telephone & Telegraph), 1014 W Congress, Chicago, Ill. *See adv index at end of book*
Cook Frank B. Co. (Sneak Current for Light, Power, Telephone & Telegraph), 326 W Madison, Chicago, Ill.
Cox Lightning Arrester, Eaton, O.
D. & W. Fuse Co. Hathaway, Providence, R. I.
Delta-Star Electric Co. (High Tension Type Pole Mounting), 2437 Fulton, Chicago, Ill.
Electric Service Supplies Co. ("Garton-Daniels," for Light & Power), 17th & Cambria, Phila., Pa.
Foote, Pierson & Co. ("Argus," for Telephone & Telegraph), 160 Duane, New York
GENERAL ELECTRIC CO. (For Light & Power), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co., Rochester, N. Y.
Harvard Electric Co. (For Telephone & Telegraph), 525 W Van Buren, Chicago, Ill.
Holtzer-Cabot Electric Co. (For Telephone & Telegraph), 125 Amory, Boston, Mass.
Hubbard & Co. ("Universal"), 63d & Butler, Pittsburgh, Pa.
Insulator Arrester Co., Duluth, Minn.
Kellogg Switchboard & Supply Co. (For Telephone & Telegraph), 1066 W. Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co. ("Ledic" for Telephone & Telegraph), Lafayette, Ind.
Leich Elec. Co., Genoa, Ill.
Lime Material Co., South Milwaukee, Wis.
Lord Mfg. Co. ("Shaw" Non-Arcing, "Multi-Vapo-Gap," for Light, Power, Telephone & Telegraph), 105 W 40th, New York
McIntire Chas. Co., 55 Vesey, Newark, N. J.
Manhattan Electrical Supply Co. (For Light, Power, Telephone & Telegraph), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co. (For Telephone & Telegraph), Menominee, Mich.
Minnesota Electric Co. ("Chapman," for Light, Power & Telephone), 309 2nd av S, Minneapolis, Minn.
National Electric Specialty Co. ("Vac-M," for Telephone & Telegraph), Toledo, O.
Phila. Electric Constr. Co. (For Telephones), Heed bldg. Phila., Pa.
Railroad Supply Co. (For Railway Signals), 203 S Dearborn, Chicago, Ill.
Railway & Industrial Engng Co., People's Bk. bldg., Pittsburgh, Pa.
Reliable Electric Co. ("Reliable"), 411 S Sangamon, Chicago, Ill.
Royal Elec. Co., Sidney, O.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
St. Louis Lightning Rod Co. (& Conductor), De Kalb & Trudeau sts, St. Louis, Mo.
United Electric Supply Co., Marion, O.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO. (For Light & Power), East Pittsburgh, Pa. *See adv index at end of book*

240—Arresters (Spark, Electric)

Brady Electric Mfg. Co. (Electric Lamp), New Britain, Conn.
Phila. Electrical & Mfg. Co., 1236 N. 31st, Phila., Pa.
Silverton Blow Pipe Co. ("Cox"), 109H West Main, Silverton, Oregon.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

241-2-3-4—Arresters (Spark, Locomotive, Traction Engine, Etc.)

Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Hendrick Mfg. Co., Carbondale, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
South Bend Spark Arrester Co., South Bend, Ind.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Excelsior" Wire Cloth), Worcester, Mass.
See adv index at end of book

Arsenate of Lead

See Lead Arsenate

Arsenate of Soda

See Sodium Arsenate

Arsenate of Zinc

See Zinc Arsenate

245— Arsenic

American Metal Co., 61 B'way, New York
American Smelting & Refining Co. (White), 120 B'way, New York
Anaconda Copper Mining Co., Butte, Mont.
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Chrystal Chas. B. (Imp), 13 Cliff, New York *See adv index at end of book*
Cooper Chas. & Co. (Red), 194 Worth, New York
Dingelstedt & Co., 21 State, New York
Doggett Stanley (Imp), 11 Cliff, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Ducas B. P. Co. (Imp. Red), 25 S William, New York
Fuerst Bros. & Co., 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hill's Edw. Sons & Co. (Agents & Imp), 64 Wall, New York
Hummel & Robinson (Red), 26 Cortlandt, New York
Innis, Speiden & Co., Inc. (White & Red), 46 Cliff, New York
See adv index at end of book
International Minerals & Metals Co., 61H Broadway, New York
Klipstein A. & Co. (Imp Saxony & Silesia Red), 644 Greenwich, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Marden, Orth & Hastings Co. (Red), 136 Liberty, New York
Marden, Orth & Hastings Corpn (Red), 61 B'way, New York
Niasco Chemical Co., New Market, N. J.
Raritan Chemical Works, 8 W 40th, New York
Roessler & Hasslacher Chemical Co. (Red & White), 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
U. S. Smelting Co. (White), Midvale, Utah
U. S. Smelting, Refining & Mining Co. (White) ("U. S. S. Co."), 120 B'way, New York
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

245a— Arsenic (Bromide)

Dow Chemical Co., Midland, Mich.

Arsenic (Red)

See Arsenic

246— Arsenic (White)

American Smelting & Refining Co., 120 B'way, New York
Chipman Chemical Engng. Co. Inc., 136 Liberty, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
U. S. Smelting Co., Midvale, Utah

Art Metal Work

See Grilles, Brass & Bronze; also Grilles, Wrought Iron

246a— *Artesian Wells

See also Well Drilling Machy.

Sweeney & Gray, 83-85 6th, Long Island City *See adv index at end of book*

246b— Asbestine

International Pulp Co., 41 Park Row, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
WILLIAMS C. K. & CO., Easton, Pa.
See adv index at end of book

246c— *Asbestine Pulp

INTERNATIONAL PULP CO. ("Asbestine"), 41 Park row, New York

247—Asbestos Building Lumber

Asbestos Wood Co., Nashua, N. H.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Hoffman Magnesite Co. ("Hoffite" Flooring, "Hoffite Plastic"), Monadnock bldg, San Francisco, Cal.
Johns Manville Inc. ("Johns Manville"), Madison av & 41st, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Standard Asbestos Co., 75 Fulton, New York

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Asbestos Brakelinings
Asbestos Cloth
Asbestos Packings
Asbestos Roofing
Asbestos Building Lumber
Asbestos Table Covers
Asbestos Theatre Curtains
Asbestos Gloves and Mittens

Asbestos Paper and Millboard
Asbestos Cement
Asbestos Gaskets
Asbestos Pipe & Boiler Coverings
Asbestos Braided Tubing
Asbestos Paper Tubes
Boiler Lagging
Brattice Cloth
Mica of All Kinds
Wool Felt

Carbon Brushes
Plumbing Gaskets
Hard Fibre
Gauge Glasses
Hairfelts
Mechanical Felts
Packings
Fireproofed Fabrics
Waterproofed Fabrics

Send Us Your Inquiries

Asbestos Cloth

See Asbestos Material

Asbestos Cooking Utensils

See Asbestos Household Articles; also Asbestos Material

248—Asbestos Corrugated Sheathing (Reinforced)

Asbestos Shingle, Slate & Sheathing Co. (With Woven Wire), Ambler, Pa.

Asbestos Coverings

See Pipe & Boiler Coverings, Asbestos

249— Asbestos Felting Mfrs.

Franklin Mfg. Co., Franklin, Pa.
Johns-Manville Inc., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Watson H. F. Co., Erie, Pa.

250— Asbestos Fibre

American Asbestos Co. (Carded), Norristown, Pa.
Asbestos & Mineral Corp., 17 Battery pl, New York
Asbestos Textile Co., 233 B'way, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Asbestos & Rubber Co., Charleston, S. C.
Johns-Manville Inc. ("Johns-Manville"), **Madison av & 41st, New York**
Mikesell Bros. Co. (Carded & Crude), 156 N La Salle, Chicago, Ill.
See adv index at end of book
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Standard Asbestos Co., 75 Fulton, New York

251-2—Asbestos Gloves & Mitts

American Asbestos Co., Norristown, Pa.
American La France Fire Engine Co. Inc., Elmira, N. Y.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos Textile Co., 233 B'way, New York
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Johns-Manville Inc., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. - *See adv index at end of book*
Mikesell Bros. Co., 156 N La Salle, **Chicago, Ill.**
See adv index at end of book
Safety First Supply Co., 107 3d av, Pittsburgh, Pa.
Simplex Safety Apparel Co., 1360 N Wells, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York
Wheeler F. H. Mfg. Co., 215 W Huron, Chicago, Ill.
Wheeler & Holcomb Co. ("Universal"), 1360 Wells, Chicago, Ill.

253—Asbestos Listing or Tape

American Asbestos Co., Norristown, Pa.
Argus Asbestos Co, Inc., Port Chester, N. Y.
Asbestos Fibre Spinning Co. (Tape), North Wales, Pa.
Asbestos Textile Co., 233 B'way, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
General Asbestos & Rubber Co. ("Garco"), Charleston, S. C.
Johns-Manville Inc., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill
See adv index at end of book
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Standard Asbestos Co., 75 Fulton, New York

254— Asbestos Material

See also Asbestos Paper & Mill Board Mfrs
Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
American Asbestos Co. (Cloth, Yarns, Cords, Tapes, etc), Norristown, Pa.
American Asbestos & Mfg. Co., 58 Sutter, San Francisco, Cal.
AMERICAN INSULATION CO., Roberts av & Stokley, Philadelphia, Pa.
See adv index at end of book
Argus Asbestos Co, Inc. (Cord, Cloth & Twine), Port Chester, N. Y.
Asbestos Co. of Cal., 16H Natoma, San Francisco, Cal.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America (Yarns, Cloth, etc), 58th & B'way, New York
Asbestos Textile Co. (Cloth Cord Rope, Wick & Yarn), 233 B'way, New York
Atlantic Asbestos Co., 132 N 2d, Phila., Pa.
Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
Carbic Mfg. Co., Duluth, Minn.
CAREY PHILIP MFG. CO., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Excello Mfg. Co., 1836 Euclid av, Cleveland, O.
Federal Asbestos Co., Milwaukee, Wis.
Fibre Rock Mfg. Co., 4566 Silverwood, Phila., Pa.
Franklin Mfg. Co. (Tape, Cord, Cloth, etc), Franklin, Pa.
General Asbestos & Rubber Co., Charleston, S. C.
Horton F. S. Corp., 36 Whittier, Roxbury, Boston, Mass.
Illinois Fire Proof Covering Co. (Product Mfgrs.), 216 Kenzie, Chicago, Ill.
Johns-Manville Inc. ("Johns-Manville"), **Madison av & 41st, New York**
Keasbey & Mattison Co., Ambler, Pa.
MIKESELL BROS. Co. (Cloth, Yarns, Textiles), 156 N La Salle, Chicago, Ill.
See adv index at end of book
Miller Enwright Co., Sacramento, Cal.
Multibestos Co. (Yarn, Cloth, etc.), Walpole, Mass.
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
New Jersey Asbestos Co., 1 Water, New York
Rockbestos Products Corp. ("Rockbestos" Yarn), New Haven, Conn.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Schaw-Batcher Co., Sacramento, Cal.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Standard Asbestos Co., 75 Fulton, New York
Standard Woven Fabric Co. (Yarns, Cloth, etc.), Walpole, Mass.
Stokes Asbestos Co. (Cloth), Dept. H, Trenton, N. J.
Thermoid Rubber Co., Trenton, N. J.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Titchener-Diehl Co. (Covering Loops), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book

Carey PRODUCTS

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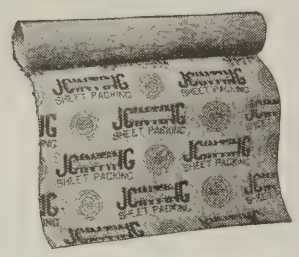
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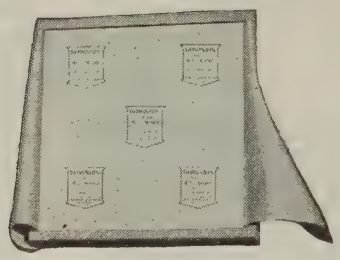
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Waterproofing
Felts
Asphalts







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Rodtite Valve Stem Packing
Sovereign Regular Expansion Packing
Rodtite High Pressure Packing
White Friction Fine Duck Packing
Earl Square Flax Packing

GRIPTITE
Woven Asbestos Brake Lining

Darcoid Universal Valve Discs
Rubber Sheet Packing
Dominion Auto Sheet Packing
Rodtite Auto Pump Packing
Sovereign Asbestos Wicking

DOMINION
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Domino Safety Service Tubes
Dominion Radiator Hose
Griptite Clutch Facing
Sovereign Ford Transmission Lining
Old Dominion Asbestos—Metallic Gaskets

Belting
Hose — Asbestos—
Tubing
Water, Roll Board,
Gaskets
Suction, Paper,
Mats
Air, Rope,
Matting
Steam, Gloves,
Fire Mittens

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ASBESTOS MATERIAL—continued

Union Asbestos & Rubber Co., 231 S Wells, Chicago, Ill.
United States Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

Asbestos Metallic Cloth

See Packing, Asbestos Metallic

255— Asbestos Miners

Asbestos & Mineral Corp., 17 Battery pl, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Asbestos & Rubber Co., Charleston, S. C.
Jacobs Asbestos Mining Co. (Imp.), 8 W 40th, New York
Keasbey & Mattison Co., Ambler, Pa.
Martin R. H. Co., 220 B'way, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Sall Mountain Co. (Fibre), 305 S La Salle, Chicago, Ill.

256—Asbestos Paper & Mill Board Mfrs.

See also Asbestos Material

Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Albion Mfg. Co., Seattle, Wash.
AMERICAN INSULATION CO., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Aspromet Co., 1st Nat'l Bank bldg., Pittsburgh, Pa.
Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
CAREY PHILIP MFG. CO., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa., Works, Valley Forge, Pa.
Franklin Mfg. Co. (Mill Board Only), Franklin, Pa.
General Asbestos & Rubber Co., Charleston, S. C.
Johns-Manville Inc., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Racich Asbestos Co.,, 609 W 55th, New York
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United States Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.

257— Asbestos Powder

Doggett Stanley, 11 Cliff, New York
International Pulp Co., 41 Park row, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Standard Asbestos Co., 75 Fulton, New York
Whittaker, Clark & Daniels Inc., 250 Front, New York
Williams, C. K. & Co. ("Anchor Brand"), Easton, Pa.
See adv index at end of book

258—Asbestos Protected Metal

Aspromet Co. (Corrugated & Flat for Roofing, Siding & Ceilings), 1st Nat'l Bk bldg, Pittsburgh, Pa.
Aspromet Co. (Corrugated Sheet, Flat Sheet & Mansard), 1st Nat'l Bk bldg, Pittsburgh, Pa.
Steel Sales Corp'n, Adams & Jefferson, Chicago, Ill.

Asbestos Roofing

See Roofing, Asbestos

Asbestos Rope, Cord & Twine

See Asbestos Material

259— Asbestos Table Padding

Asbestos Fibre Spinning Co. ("Huber"), North Wales, Pa.
Asbestos & Rubber Works of America, 58th & B'way, New York
Johns-Manville Inc. ("Johns-Manville"), Madison av & 41st, New York
Kerney Mfg. Co., 148 W. 62nd, Chicago, Ill.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*

Asbestos Textiles

See Asbestos Materials

Asbestos Yarns

See Asbestos Materials

259a— Ash (Causticized)

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Solvay Process Co., Syracuse, N. Y.

Ash Chutes (Steel Plate)

See Chutes, Steel Plate

Ash Handling Plants

See Coal Handling Systems for Power Plants, also Conveyors, Coal & Ash Handling; also Coal & Ore Handling Machinery

Ash (Pearl)

See Potassium Carbonate Calcined)

260-1— Ash Receivers

Gunster Bros. ("Effective"), Scranton, Pa.
Schimper Wm. & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union Sq W, New York

Ash (Tin)

See Tin Oxide, also Oxide of Tin

262—Asphalt Dealers & Importers

Baker John Jr., 17 Battery pl, New York
Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.
Barrett Co., 17 Battery pl, New York
Byerly & Sons ("Byerlyte"), 2489 W. 4th, Cleveland, O.
Canfield Oil Co. ("Bituflex"), 3210 E. 55th, Cleveland, O.
Doggett Stanley, 11 Cliff, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Headley Good Roads Co., 301 S 30th, Phila, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co., 244 Madison av, New York

International Asphalt Co. ("Cubanel," Natural Sheet Asphalt for Paving), 133 W. Washington, Chicago, Ill.
Lamson Jno. S & Bro. (Imp), 347 Madison av, New York
Meng Anthony & Co. (Importers), 17 S Front, Phila, Pa.
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Saacke Chas. W. (Imp.), 27 William, N. Y.
SCHEEL, WM. H. (Imp.), 159 Maiden la, New York
See adv index at end of book
Shelby-Downard Asphalt Co., Ardmore, Okla.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Wax & Import Co. (Imp), 95 William, New York
Sun Company, Finance bldg, Phila., Pa.
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
United States Asphalt Refining Co., 90 West, New York
Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York
Warren Bros. Co., 142 Berkeley, Boston, Mass.
Westrumite Co., Whiting, Ind.

Asphalt (Liquid & Solid)

See Asphalt Miners & Refiners

263— Asphalt Mastic

Barber Asphalt Paving Co. ("Vulcanite" Special), Land Title bldg, Phila., Pa.
Gabriel & Schall ("Brunswick" Imported), 295 B'way, New York
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Shields W. S. P., Witherspoon bldg, Phila., Pa.
SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York
Standard Asphalt & Rubber Co. ("Sarco," "Matrix"), 208 S La Salle, Chicago, Ill.
Uhlich Paul & Co., 11 Cliff, New York
Wadsworth Stone & Paving Co. ("Standard"), Lambert & P. R. R., Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York

264—Asphalt Miners & Refiners

American Asphalt Ass'n. (Miners only of Gilsonite), Wainwright bldg, St. Louis, Mo.
American Insulation Co., Roberts av & Stokely, Phila., Pa.
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Byerly & Sons ("Byerlyte," "Mastic"), 2489 W 4th, Cleveland, O.
California-Fresno Oil Co., Fresno, Cal.
Central Commercial Co., 111 N Market, Chicago, Ill.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co. (Liquid), 44 Whitehall, New York
International Asphalt Co. (Refined Cuban Asphalt), 133 W Washington, Chicago, Ill.
King Refining Co., 58 Sutter, San Francisco, Cal.
Neuchatel Asphalte Co., Ltd. (Mastic), 79 Tompkins, New York
Shelby Downward Asphalt Co., Ardmore, Okla.
Shields W. S. P. (Mastic), Witherspoon bldg, Phila., Pa.
Standard Asphalt & Rubber Co., ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Trinidad Asphalt Mfg. Co. (Refiners), Title Guaranty bldg, St. Louis, Mo.
Union Oil Co. (of California), Los Angeles, Cal.
United States Asphalt Refining Co., 90 West, New York
Wadsworth Stone & Paving Co. ("Standard" Mastic), Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York
Warren Chemical & Mfg. Co. (Mastic), 17 Battery pl, New York

265— Asphalt Pipe Dip

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Byerly & Sons ("Byerlyte"), 2489 W. 4th, Cleveland, O.
Indian Refining Co., 244 Madison av., New York
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Texas Company ("Texaco"), 17 Battery pl, New York
See adv index at end of book
Union Oil Co. (of California), Los Angeles, Cal.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

266— Asphalt Plant Builders

Barber Asphalt Paving Co. ("Iroquois" Portable & Stationary), Land Title bldg, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Dyar Supply Co., Cambridge, Mass.
See adv index at end of book

ASPHALT PLANTS—PORTABLE
COST 50% LESS—PRODUCE 50% MORE
DYAR SUPPLY CO., CAMBRIDGE, MASS.

East Iron & Machine Co. (Stationary, Portable & One Car), 351 E Market, Lima, O.
Hetherington & Berner, Indianapolis, Ind.
Pioneer Iron Works (Refining Plants), 149 Pioneer, Brooklyn, N. Y.
Schwab Philip Co., 16th & Canal, Milwaukee, Wis.

Asphalt Rollers (Steam)

See Rollers, Steam Road

266a— Aspirators

Uehling Instrument Co. (For Air, Steam or Water), 71 B'way, New York

267— Aspirators (Flour Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Beall Improvement Co., Inc., Decatur, Ill.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara" Centrifugal, Oat, Hull & Grain), Lockport, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sprout Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

268— Assayers

See also Chemists; also Laboratories
Banks John H. & Son, 26 John, New York
Bridgeport Testing Laboratory, Bridgeport, Conn.
Burlingame, Walter E., Denver, Colo.
Ely Ethelbert, Dover, N. J.
Handy & Harman, 59 Cedar, New York
Hauks A. A., 630 Sacramento, San Francisco, Cal.
Industrial Research Co., 28 Belden Pl., San Francisco, Cal.
Kansas City Testing Laboratory, Kansas City, Mo.
Laucksel F., Inc., 99 Marion, Seattle, Wash.
Ledoux & Co., 99 John, New York
Luckhart C. A. Co., 53 Stevenson, San Francisco, Cal.
Maywald Fred'k J., 133 Water, New York
Officer R. H. & Co., Salt Lake City, Utah
Richardson Research Laboratory, Sloan bldg, Cleveland, O.
Ricketts & Co., Inc., 280 Madison av, New York
St. Louis Sampling & Testing Works, 713 Clark av, St. Louis, Mo.
Schawel J. & Co. (Gold & Silver), 26 John, New York
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Stowell Wm. H., Spokane, Wash.

269— Atlases

Cram Geo. F. Co., 107 N Market, Chicago, Ill.
Rand, McNally & Co., 538 S Clark, Chicago, Ill.

270— Atomizers (Air)

DeVilbiss Mfg. Co. ("Aeron" System), Toledo, O.

271— Atomizers (Billow)

National Supply Co. (For Fuel Oil Vaporization), 416 W Grand av, Chicago, Ill.

271a— Atomizer (Fuel Oil)

Anthony Co., 9 Jackson av, Long Island City, N. Y.
MacLeod Co. (Vaporization), 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Supply Co., 416 W. Grand av, Chicago, Ill.

272— Atomizers (Medicinal)

Becton, Dickinson & Co. ("Yale"), Rutherford, N. J.
DeVilbiss Mfg. Co., Toledo, O.
Holland Instrument Co., 2314 E 11th, Phila, Pa.
Hospital Rubber Co. ("Multiple," "Peerless"), Attleboro, Mass.

273— Atomizers (Spray)

See also Sprayers, Potato
Anthony Co., 138 West av, Long Island City, N. Y.
Brown E. C. Co., Rochester, N. Y.
MYERS F. E. & BRO., 900 Fourth, Ashland, O.
See adv index at end of book
Star Brass Works, 3129 Carroll av, Chicago, Ill.

274— Atropine

Hoffmann-La Roche Chemcial Works, 440 Washington, New York

275—Attachments (Automatic Drilling)

Lodge & Shipley Machine Tool Co. (Axle), Cincinnati, O.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.

276—Attachments (Bean Harvester)

Akron Cultivator Co. ("Kraus"), Akron, O.
Gale Mfg. Co. ("Albion," "Gale"), Albion, Mich.
Lehr Agricultural Co., Fremont, O.
Ohio Cultivator Co., Bellevue, O.
Reed Fdry. & Mach. Co., Kalamazoo, Mich.

277—Attachments (Binder, for Headers)

Acme Harvesting Machine Co. ("Acme King"), Peoria, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.

278—Attachments (Binder, for Threshers)

Massey-Harris Harvester Co., Batavia, N. Y.

279—Attachments (Cam Grinding)

Landis Tool Co., Waynesboro, Pa.

Attachments (Chain Drilling)

See Drills, Chain Attachment

280—Attachments (Clover Huller, for Threshers)

Nichols & Shepard Co., Battle Creek, Mich.

281—Attachments (Disc Drill & Seeder)

Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co., Rockford, Ill.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Janesville Machine Co., Janesville, Wis.

282—Attachments (Disc Furrowing)

For Runner Corn Planters
American Seeding Machine Co. ("Hoosier." ("Superior"), Springfield, O.
Deere & Co. ("Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

283—Attachments (Drill, for Disc Harrows)

Emerson-Brantingham Co. ("E. B."), Rockford, Ill.

283a—*Attachments (Drill Press)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

284—Attachments (Dropper, for Mowers)

Massey-Harris Harvester Co., Batavia, N. Y.
Seiberling & Miller Co. ("Empire"), Doylestown, O.

285— Attachments (Fertilizer)

Aspinwall Mfg. Co., Jackson, Mich.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Case J. I. Plow Works, Racine, Wis.
Deere & Co. ("Deere"), Moline, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.

286—Attachments (Flax, for Binder)

Acme Harvesting Machine Co., Peoria, Ill.

287—Attachments (Gang Press Wheel)

For Grain Drills

American Seeding Machine Co. ("Empire," "Farmers'," "Favorite," "Hoosier," "Kentucky," "Superior"), Springfield, O.
Fetzer & Co., Springfield, Ill.

288— Attachments (Gas)

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co., Waterville, Waterbury, Conn.
Bryant Electric Co., Bridgeport, Conn.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Macallen Co., 16 Macallen, S Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Plume & Atwood Mfg. Co., Waterbury, Conn.
Simpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Stimpson Co. Edwin B., 68H Franklin av, Bklyn, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Walsh Owen Mfg. Co., 525 W 26th, New York
White J. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.

289-90—Attachments (Gear Cutting)

Brown & Sharpe Mfg. Co., Providence, R. I.
Mafreto Machine & Tool Co. ("Young"), Worcester, Mass.
WHITON D. E. MFG. CO. (Center, Key-Seating & Vise), New London, Conn.
See adv index at end of book

291—Attachments (Harrow, Sulky)

American Seeding Machine Co. ("Evans"), Springfield, O.
Brinly Hardy Co., Louisville, Ky.
Dexter Co. ("Excelsior"), Fairfield, Iowa
Emerson-Brantingham Co. ("E. B."), Rockford, Ill.
Joliet Mfg. Co., Joliet, Ill.
Moline Plow Co. ("Moline Orchard"), Moline, Ill.
Ohio Cultivator Co., Bellevue, Ohio
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.
Stoughton Wagon Co. ("New Stoughton"), Stoughton, Wis.

292— Attachments (Header)

Acme Harvesting Machine Co. ("Acme King"), Peoria, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.

293—Attachments (Keyseater, for Cutting Oil Grooves)

Mitts & Merrill, Saginaw, Mich.

294—Attachments (Milling Machine)

Adams Co. ("Farwell"), Dubuque, Iowa
Becker Milling Machine Co. (Vertical & Slotting), Hyde Park, Mass.
Bliss A. H. Co., No. Attleboro, Mass.
Brown & Sharpe Mfg. Co. (also Grinding & Screw Machine), Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Clark-Mesker Co., 18511 Euclid av, Cleveland, O.
Eccles & Smith Co. ("Moor"), 71 1st, San Francisco, Cal.
Elgin Tool Works, Elgin, Ill.
Enderes, Inc. ("Haase" Lathe Miller), Albert Lea, Minn.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (For Bench Lathes), Greenfield, Mass.
Haase Machine Works (For Lathes), Minneapolis, Minn.
Hendey Machine Co. ("Hendey" Vertical Rock Cutting & Universal), Torrington, Conn.
Hinckley Machine Works, Hinckley, Ill.
Kempsmith Mfg. Co., West Allis, Wis.
Knight W. B. Machinery Co. (Circular), 3920 H W Pine Blvd., St. Louis, Mo.
Niles-Bement-Pond Co., 111 B'way, New York
Oesterlein Mach. Co. (Vertical), Cincinnati, O.
Porter-Cable Machine Co., Syracuse, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. (Vise Hold Down), Bridgeport, Conn.
Whitney Mfg. Co. (Vertical Universal), Hartford, Conn.
Woods Engng. Co. (Boring & Grinding), Alliance, O.

295—Attachments (Multiple Drilling)

Reed Francis Co., Worcester, Mass.

296—Attachments (Oil Burning, for Traction Engines)

Case J. I. Threshing Machine Co., Racine, Wis.
Emerson - Brantingham Co. ("Reeves") Rockford, Ill.

297—Attachments (Plowing, Traction Engine)

Avery Co., Peoria, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Emerson-Brantingham Co. ("E. B." "Peerless," "Geiser"), Rockford, Ill.
Empire Plow Co., 3140 E 65th, Cleveland, O.

298—Attachments (Pump Spout)

Chicago Hardware Foundry Co., North Chicago, Ill.

299—Attachments (Reaping, for Mowers)

Emerson-Brantingham Co. ("E. B." "E. B. Osborne"), Rockford, Ill.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

300—Attachments (Riding, for Plows)

Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co. ("P. & O"), Canton, Ill.
Walker Mfg. Co. ("Covey"), Council Bluffs, Iowa

301—Attachments (Rotary Harrow, for Plows)

California Plow Co., 140 Polhenus, San Jose, Cal.
Caswell Mfg. Co., Cherokee, Ia.
National Harrow Co. ("De-Mand-A"), Le Roy, Ill.
Stevens Mfg. & Foundry Co., Decatur, Ill.

302—Attachments (Seeder, for Disc Harrows)

Cutaway Harrow Co. ("Clark's" Force Feed), Higganum, Conn.
Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co. ("E. B."), Rockford, Ill.
Fetzer & Co. ("Columbia," "Fetzer," "McSherry"), Springfield, Ill.
Janesville Machine Co., Janesville, Wis.
Massey-Harris Harvester Co. ("Continental"), Batavia, N. Y.
Moline Plow Co. ("Economy," "Flying Dutchman"), Moline, Ill.
Ohio Cultivator Co. ("Bellevue"), Bellevue, O.
Parlin & Orendorff Co. ("P. & O.," "Star"), Canton, Ill.
Sterling Mfg. Co., Sterling, Ill.

303—Attachments (Sleigh Runner)

Cartier A. E. Sons Co. ("Chapman"), Ludington, Mich.
Schofield & Co., Freeport, Ill.

304—Attachments (Spring Tooth, for Disc Cultivators)

Avery B. F. & Sons ("Revolution," "Uncle Sam"), Louisville, Ky.
Cal. Plow Co., 140H Polhenus, San Jose, Cal.
Deere & Co. ("Deere"), Moline, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Kelly G. A. Plow Co., ("Boss"), Longview, Tex.

305—Attachments (Stalk Cutter)

Avery B. F. & Sons ("Revolution"), Louisville, Ky.
Hartman Mfg. Co. ("Pilot"), Vincennes, Ind.
Ohio Cultivator Co., Bellevue, O.

306—Attachments (Stone Planing Machine)

Lincoln Iron Works ("Thomson" Circular), Rutland, Vt.

306a—*Attachments (Vacuum Cleaner)

Spaulding J. & Sons Co., Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*

307— Attachments (Wood Barking)

Baker Mfg. Corp., Saratoga Springs, N. Y.

308— Aubepine

Bush W. J. & Co., Inc., 100 William, New York

309— Audiphones

Boissonnault G. Co. ("Micropho"), 26 Cortlandt, New York
Globe Ear Phone Co. ("Globe"), Electrical & Mechanical, 88 Tremont, Boston, Mass.
Harper Oriphone Co., 294 Washington, Boston, Mass.
Mears Earphone Co., 43 W 34th, New York
Stolz Electrophone Co., 5 N Wabash av, Chicago, Ill.

Augers (Boring Machine)

See Bits, Auger

Augers (Breast)

See Augers, Miners

Augers (Bung)

See Borers, Bung Hole

Augers (Carpenters')

See Bits, Auger

Augers (Coal)

See Augers, Miners'

310—Augers (Flexible Pipe Cleaning)

B. B. Specialty Co. ("Burke" "Ever Ready" Closet), 443H Liberty av, Pittsburgh, Pa.
Coleman Allan J. ("C C C"), 208 N Wabash av, Chicago, Ill.
Lewis Samuel ("Wrigley"), 73 Barclay, New York
Wolverine Brass Works ("Wolverine" Adjustable), Grand Rapids, Mich.

311-12— Augers (Hollow)

Buckeye Mfg. & Fdry. Co. ("Stearns" & "Bonney" Patterns), 2046 W 55th, Cleveland, O.
Cincinnati Tool Co. ("Hargrave," Adjustable), Norwood, Cincinnati, O.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
House Cold Tire Setter Co. ("Kelly, Jr."), **4143 Laclede av, St. Louis, Mo.**
Ives W. A. Mfg. Co. ("Ives" Expansive, "Novelty"), Wallingford, Conn.
Millers Falls Co. (Adjustable), Millers Falls, Mass.
Stearns E. C. & Co., ("Stearns" & "Bonney" Patterns), 450 Oneida, Syracuse, N. Y.
Swan Jas. Co. ("Ames," "Universal" Chisel), Seymour, Conn.
Wood A. A. & Sons Co. ("Universal"), Atlanta, Ga.

Augers (Ice)

See Tools, Ice

Augers (Millwrights')

See Bits, Auger

313—Augers (Miners', Coal, Etc.)

Bonney-Shanks Co. (Breast, etc.), Chattanooga, Tenn.
Dooley Bros. (Coal), 1201 S Washington, Peoria, Ill.
Fairmont Mining Machinery Co. ("Fairmont," Power), Fairmont, W. Va.
Fulton Tool Works (Breast), Canal, Fulton, O.
Hardsocg Mfg. Co. (Breast), Ottumwa, Ia.
Hardsocg Martin Co. (Breast, etc), 922 South av, Pittsburgh, Pa.
Joy Machine Co., Union Arcade, Pittsburgh, Pa.
Leetonia Tool Co. The, Leetonia, Ohio
See adv index at end of book
Peglar Machy. ("Breast"), Chattanooga, Tenn.
Salem Tool Co. ("Salem" Breast Auger for Coal Mining), Salem, O.
Snell Mfg. Co., Fiskdale, Mass.
Warwood Tool Co. (Breast), Warwood, Wheeling, W. Va.
WARWOOD TOOL CO., 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co. ("Breast," for Soft Coal, also "Moser" Ratchet), What Cheer, Ia.

314—Augers (Post Hole, Earth, Etc.)

See also Diggers, Post Hole

Blake Specialty Co. (Water Pressure), Rock Island, Ill.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Coates Clipper Mfg. Co. ("Coates", Power for Blasting Purposes) Worcester, Mass.
Cook A. D., Lawrenceburg, Ind.
Dicke Tool Co., Downers Grove, Ill.
Eureka Digger Co. ("Iwan Pattern," "Digwell Pattern" & "Vaughn Pattern"), 227 W Huron, Chicago, Ill.
Eureka Fence Mfg. Co. ("S. & B"), Richmond, Ind.
Fenn Mfg. Co. ("Fenn's" Adjustable), Charlotte, Mich.
Frantz Mfg. Co., Sterling, Ill.
Gill Mfg. Co. (Mine), Phillipsburg, Pa.
Indiana Steel & Wire Co., Muncie, Ind.
Iwan Bros. ("Iwan's," "Vaughns"), South Bend, Ind.
Lehr Agricultural Co., Fremont, O.
Pratt Wm. E. Mfg. Co. ("Star"), 35 W Lake, Chicago, Ill.

PUGH JOB T. (Earth, "Black Twist"), 3101 Ludlow, Phila., Pa.
Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.
Seymour Mfg. Co. ("Vaughn" Pattern), Seymour, Ind.
Specialty Device Co. ("Standard"), 106 W 3d, Cincinnati, O.
Steel Products Co. ("Carbo"), 2600 W 111th, Morgan Park Station, Chicago, Ill.

315-6— Augers (Pump Log)

B. B. Specialty Co., 433 Liberty av, Pittsburgh, Pa.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.

Augers (Rafting)

See Bits, Auger

Augers (Ring)

See Bits, Auger

Augers (Ship)

See Bits, Auger

Augers (Telegraph)

See Augers, Post Hole

317— Augers (Treenail)

Drew C. & Co., Kingston, Mass.
Pugh Job T., 3101 Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.

318— Augers (Twist & Hub)

Defiance Machine Works, Defiance, O.
Pugh Job T., 3101 Ludlow, Phila., Pa.

319— Augers (Well)

Dempster Mill Mfg. Co., Beatrice, Neb.
Iwan Bros., South Bend, Ind.
Loomis Machine Co., Tiffin, O.
Mark Mfg. Co., Evanston, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pech Gus Foundry & Mfg. Co. ("Monitor"), Le Mars, Ia.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Star Drilling Machine Co., Akron, O.

319a— Auramine

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
National Gum & Mica Co., 59th & 11th av, New York
Williamsburg Chemical Co., Inc., 230 Morgan av, Brooklyn, N. Y.

319b— Autoclaves

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Badger E. B. & Sons Co., a75 Pitts, Boston, Mass.
See adv index at end of book
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Elyria Enameled Products Co. (Cast Iron, Glass Enameled), Elyria, O.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Manitowoc Engineering Wks., Manitowoc, Wis.
Stevens Bros., 149 B'way, New York
Stuart & Peterson Co., Burlington, N. J.
Superior Fdry. Co., Dept. H., E 71st & W. & L. E. Ry., Cleveland, O.
U. S. Welding Co., Inc., 155 Lafayette, New York
Valley Iron Works, Williamsport, Pa.

320— Automobile Accessories

See also the specific article required

Accesso Mfg. Co. ("Accesso" Safety Steering Control, Terminal Outfits, Connectors, Magnetic Lamps, License Holders, for Fords, etc.), 99H State, Boston, Mass.
Albany Hdwe. & Iron Co. (Jobbers), Dept. H, Albany, N. Y.
Alcemo Mfg. Co. ("Kov-Ker"), 12 Bridge, Newark, N. J.
Am. Auto Necessaries Co., Blue Rock & C. H. & D. R. R., Cincinnati, O.
American Sales Co. Inc. (Jobbers), 218H E Travis, San Antonio, Texas
Anderson Electric Specialty Co., 154 Whiting, Chicago, Ill.
Ansonia Mfg. Co., 15 Park row, New York
Apco Mfg. Co. (Ford Accessories, Providence, R. I.
Auto Tire Exchange, Burlington, N. C.
Bailey-Lebby Co., Charleston, S. C.
Barker Rose & Clinton Co., Dept. H, Elmira, N. Y.
Beals, McCarthy & Rogers, 46 Terrace, Buffalo, N. Y.
Beck & Corbitt Iron Co. (Jobbers), 1230 N Main, St. Louis, Mo.
Bertels W. B. & Son Co. Inc. (Containers), Wilkes-Barre, Pa.
Blanchard Fred K. (Jobbers), Dept. H, Troy, N. Y.
Bonney Vise & Tool Wks., Inc., Allentown, Pa. *See adv index at end of book*
Boyles Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Brawley, T. R. (Mechanical Felt Goods), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Bright & Co., Reading, Pa.
Burhams & Black Co., Syracuse, N. Y.
Cameron & Barkley Co. (Jobbers), 160 Meeting, Charleston, N. C.
Campbell Iron Co., 809-19H Cass av, St. Louis, Mo.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Caskey-Dupree Mfg. Co., Marietta, O.
Central Brass & Fixture Co., Springfield, O.
Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.
City Brass Works (Automatic Windshield Hinges), 1744 Carroll av, Chicago, Ill.
Clancy Hardware Co., Syracuse, N. Y.
Clark-Smith Hdwe. Co. (Jobbers, Tin, Metal, etc), Peoria, Ill.
Cooper Mfg. Co. (Foot Accelerators & Muffler Cutouts), Marshalltown, Ia.
Crawford Mill Supply Co., Winston-Salem, N. C.
Cray Bros. (Jobbers), 1111 W 11th, Cleveland, O.
Cussins & Fearn Co., 38-54H, W Spring, Columbus, Ohio
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Douglas & Rudd Mfg. Co., Bronson, Mich.
Dunham, Carrigan & Hayden Co., Kansas & Division, San Francisco, Cal.
Eclipse Mfg. Co., 424 N Meridian, Indianapolis, Ind.
Edwards & Chamberlain Hardware Co. (Dealers), Kalamazoo, Mich.
Emco Mfg. Co., 1H Starr av, Binghamton, N. Y.
Emmons-Hawkins Hardware Co. (Dirs.), Huntington, W. Va.
Equipment Co., 1531 Walnut, Kansas City, Mo.
Ero Mfg. Co., 753H W Jackson Blvd., Chicago, Ill.
Foster Bros. Mfg. Co. (Auto Coasters & Tire Racks), Utica, N. Y.
Franke C. D. & Co. Inc. (Jobbers), Charleston, N. C.
General Metal Products Co., 2400H S Jefferson, St. Louis, Mo.
Gibbes Machy. Co. (Jobbers), Columbia, S. C.
Goss J. C. Co. (Canvas), 16 E Woodbridge, Detroit, Mich.
GWILLIAM CO. (THE), (Ball & Roller Bearings), 23 Flatbush av, Brooklyn, New York
See adv index at end of book
Hearsey H. T. Co. (Jobbers), 408 N Capitol, Indianapolis, Ind.
Hipwell Mfg. Co., 831 North W av, Pittsburgh, Pa.
Holley-Mason Hardware Co. (Jobbers), Spokane, Wash.
Iron & Steel Products Corp. (Dirs.), 2337 S Michigan av, Chicago, Ill.
See adv index at end of book
Jamestown Hardware Co., Jamestown, N. Y.
Kimball-Upton Co. (Jobbers), Sacramento, Cal.
Koochook Co. (Jobbers), 1120 Pine, St. Louis, Mo.
LA PIERRE H. M. ("Dudie") **CO.,** 1314 W 21st, Chicago, Ill.
Legler-Eilerman Co., Dayton, O.
Liberty Brass Works, 557 Quincy, Chicago, Ill.
Logan Machine & Mfg. Co., 222 S Clinton, Chicago, Ill.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Luric John, Inc., 1789 B'way, New York
Martin Auto Specialty Co., Lancaster, O.
Massey Hardware Co. (Jobbers), Wichita, Kas.
Mathews & Boucher (Jobbers), 26H Exchange, Rochester, N. Y.
METAL SPECIALTIES MFG. CO. ("Presto"), 338 N Kedzie av, Chicago, Ill.
Monarch Tool & Machinery Co., 522 S Clinton, Chicago, Ill.
Moore-Handley Hardware Co., Birmingham, Ala.
Morehouse & Wells Co., Decatur, Ill.
Morley Bros., Saginaw, Mich.
Motor Equipment Co. (Jobbers), Wichita, Kans.
National Gauge & Equipment Co., La Crosse, Wis. *See adv index at end of book*
Nicols, Dean & Gregg (Jobbers), 8th & Sibley, St. Paul, Minn.
North East Electric Co., Dept. H, Rochester, N. Y.
Ortman Motor Co., Washington Courthouse, O.
Paragon Electric Co., 329 E 5th, New York
Philbrin Corp., Kennett Square, Pa.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Racine General Mfg. Co. (Jobbers), Racine, Wis.
Reilly Bros. & Raub, Lancaster, Pa.
Remick Jas S. Co., Sacramento, Cal.
Rich Steel Products Co. ("R. S. P."), 3855 Santa Fe av, Los Angeles, Cal.
Roth Cadillac Co., Erie, Pa.
Russell J. & Co., Dept. H, Holyoke, Mass.
Saxon Mfg. Co., 1034 Grand av, Toledo, O.
Schrader's A. Sons, Inc., (Fire Gauges, Valves, Valve Insides, Dust Caps, Pump Connections), 783 Atlantic av, Brooklyn, New York
Schrader's A. Sons Inc. (Fire Gauges, Valves, Valve Insides, Dust Caps, Pump Connections), 783 Atlantic av, Brooklyn, N. Y.
Searles Electric Welding Works ("Visors"), 817 W Washington blvd, Chicago, Ill. *See adv index at end of book*
Sieg Co. (Jobbers), Dept. H, Davenport, Ia.
Sloss & Brittain, 99H Beale, San Francisco, Cal.
Smith, H. Lund (Fenders, Tops, Shock Absorbers, Wind Shields, etc), Paterson, N. J
Spears & Riddle Co., Wheeling, W. Va.
Standard Supply & Equipment Co., n w cor Cherry & 13th, Philadelphia, Pa.
Staude E. G. Mfg. Co. (attachments), St. Paul, Minn.
Strevell Patterson Hardware Co., 124-128H S West Temple, Salt Lake City, Utah
Superior Mfg. Co., Monticello, Ind.
Templeton Chas. A., Inc., Dept. H, Waterbury, Conn.
Tenk Hdwe Co., Quincy, Ill.
Tennessee Mill & Mine Supply Co. (Jobbers), Knoxville, Tenn.
Treman King & Co. (Jobbers only), Ithaca, N. Y.
Wagner Bros. Hardware Co. (Jobbers), Hazelton, Pa.
Weinstock Nichols & Co. (Jobbers), 538 Golden Gate av, San Francisco, Cal.
Williams Hardware Co., Clarksburg, W. Va.
WILLIAMS J. H. & CO. (Wrenches, Wrench Sets, Tire Tool & Auto Tool), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Woodworth Mfg. Co. ("Woodworth" Covers, etc.), Starr av, Binghamton, N. Y.

Automobile Boats

See Motor Boat, Launch & Yacht Builders

321— Automobile Builders

Marked thus *build Pleasure Cars; †build Commercial Cars; §build Cycle Cars. See also list of "Automobile Trade Names" which immediately follows and which will enable one to locate the manufacturer of almost any Pleasure or Commercial Car made.

All makes are Gasoline Cars unless otherwise described.

Importers of Foreign Makes Are Included in This List and Are so Marked.

NOTE—See also Fire Engines, Motor; also Motor Cycles; also Trucks.

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†Abbott Downing Truck & Body Co., Concord, N. H.
†Acason Motor Truck Co., 431 Brooklyn av, Detroit, Mich.
†Acme Motor Truck Co., Haynes, Cadillac, Mich.
†Acme Wagon Wks., Emigsville, Pa.
†All American Truck Co., Grand & Natch avs, Chicago, Ill.
*Allen Motor Car Co., Columbus, O.
†American Commercial Car Co, Gratiot av & Detroit, Terminal R. R. Detroit, Mich.
American Motor Truck Co., Newark, O.
*American Motors Corp., Plainfield, N. J.
*†Ames Motor Car Co., Owensboro, Ky.
*†Anderson Electric Car Co. (Electric), Aberle, Detroit, Mich.
*Anderson Motor Co. (Gasoline), Rock Hill, S. C.
*Anger Engineering Co., 2525 State, Milwaukee, Wis.
*Apperson Bros. Automobile Co., Kokomo, Ind
Apex Motor Corp. ("Ace"), Ypsilanti, Mich.
Argonne Motor Car Co., 113 Plymouth, Jersey City, N. J.
†Armleder O. Co., 12th & Plum, Cincinnati, O.
†Atlantic Electric Vehicle Co. (Electric), 893 Freylinghuysen av, Newark, N. J.
†Atterbury Motor Car Co. (Gasoline & Electric), Buffalo, N. Y.
*Auburn Automobile Co., Auburn, Ind.
†Auglaize Motor Car Co., New Bremen, O.
†Austin Automobile Co., Grand Rapids, Mich.
†Autocar Co. ("Autocar"), Dept. H, Ardmore, Pa.
†Automobile Mfg. Co. & Eng. Co., Fort Wayne, Ind.
†Available Truck Co., 1539 N Kilpatrick, Chicago, Ill.
Babcock, H. H., Co. (Undertakers & Ambulance Bodies), Watertown, N. Y.
*†Baker-Bell Motor Co., 665 N Broad, Phila., Pa.
†Barker C. L., Norwalk, Conn.
*Barley Motor Car Co. (Hearse and Ambulance Chassis), Kalamazoo, Mich.
*†Bartholomew Co., Peoria, Ill.
†Bauer Machine Works Co., Kansas City, Mo.
*Beaver State Motor Co., Gresham, Ore.
†Beck-Hawkeye Motor Truck Works, Cedar Rapids, Ia.
†Beech Creek Truck & Auto Co., Beech Creek, Pa.
†Beggs Motor Car Co., Michigan & Guinotte av, Kansas City, Mo.
*†Bell Motor Car Co., York, Pa.
†Bessemer Motor Truck Co., Grove City, Pa.
†Bethlehem Motors Corp., Allentown, Pa.

AUTOMOBILE BUILDERS—continued

*Biddle Motor Car Co. (Gasoline), Germantown, 1728 Real Estate Trade bldg, Philadelphia, Pa.
*Birch Motor Cars Co., Michigan av, Chicago, Ill.
†Blair Motor Truck Co. (Gasoline & Gas & Electric), Newark, O.
†Bour Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.
†Bourne Magnetic Truck Co., 17th & Sedgeley av, Phila., Pa.
†Bowling Green Motor Truck Co., Bowling Green, O.
Bowman Sidney B. Auto Co. (Imp), 225 W 49th, New York
†Bradley Motor Car Co. (Funeral Cars & Ambulances), Cicero, Ill.
Brewster & Co., Queensboro Bridge Plaza, Long Island City, N. Y.
†Brinton Motor Truck Co., 5805 Market, Phila., Pa.
*Briscoe Motor Corp., Jackson, Mich
†Brockway Motor Truck Co., Cortland, N. Y.
*†Buckeye Mfg. Co., Anderson, Ind.
*Buick Motor Co. (Dept General Motors Co.), Flint, Mich.
*Burg L. Carriage Co., Dallas City, Ill.
Bush Motor Co., Bush Temple, Chicago, Ill.
*Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.
*Campbell Motor Car Co., Kingston, N. Y.
*Campbell Motor Car Co., Kingston, N. Y.
Candler Radiator Co., 1084 Jefferson E, Detroit, Mich.
†Carroll Motor Car Co., Strasburg, Pa.
*Case J. I. Threshing Mach. Co., Racine, Wis.
†Casey F. A. Co., Billerica, Mass.
*Century Mfg. Co. (Electric), 133 E Canfield, Detroit, Mich.
*Chadwick Engineering Works, Pottstown, Pa.
†Champion Wagon Co., Owego, N. Y.
*Chandler Motor Car Co. ("Chandler"), E 131st & St. Clair av, Cleveland, Ohio
†Chester County Motor Co., Coatesville, Pa.
*Chevrolet Motor Co., Flint, Mich.
†Chicago Motor Truck, Inc., 335 W 28th pl, Chicago, Ill.
*Cleveland Automobile Co., Euclid av & London, Cleveland, O.
*Clyde Cars Co., Clyde, Ohio
§Coey Motor Co., 2010 S Wabash av, Chicago, Ill.
*Cole Motor Car Co., 730 E Washington, Indianapolis, Ind.
†Collier Motor Truck Co., Bellevue, O.
§Collings Carriage Co., Camden, N. J.
†Columbia Motor Truck & Trailer Co., Pontiac, Mich.
*Comet Automobile Co., Decatur, Ill.
†Commerce Motor Car Co., 26 Mackie, Detroit, Mich.
Commercial Cars, Ltd. (Imported), 40 Convent av, New York
†Commonwealth Motors Co., 326 W Madison av, Chicago, Ill.
†Connersville Buggy Co. (Electric), Connersville, Ind.
†Continental Truck Mfg. Co., Superior, Wis.
†Corbitt Motor Truck Co., Henderson, N. C.
†Corliss Motor Truck Co., Corliss, Wis.
*†Cortland Cart & Carriage Co. (Gasoline), Sidney, N. Y.
†Couple Gear Freight Wheel Co. (Gas Electric & Electric), Grand Rapids, Mich.
†Crane & Breed Mfg. Co. (for undertakers), 1227 W 8th, Cincinnati, O.
*†Crawford Automobile Co., Hagerstown, Md.
†Croce Auto Co., Asbury Park, N. J.
*†Crow-Elkhart Motor Co., Elkhart, Ind.
†Crowther Motor Co. (Gasoline), 27th & Diamond, Rochester, N. Y.
†Crusier Motor Car Co. (Ambulances), Madison, Wis.
*Culver Mfg. Co., Culver City, Cal.
†Cunningham Jas. Son & Co. (Ambulances, Hearses, etc), Rochester, N. Y.
†Dain Mfg. Co., Ottumwa, Ia.
*Daniels Motor Car Co. (Gasoline), Reading, Pa.
†Danielson Engine Works, 507 W Jackson, Chicago, Ill.
†Dart Truck & Tractor Corp., Waterloo, Ia.
*Davis Geo. W. Motor Car Co., Richmond, Ind.
†Day-Elder Motors Co., 20 Coit, Newark, N. J.
†Dayton Motor Truck Co., Dayton, O.
De Dion-Bouton Auto Co. (Importers), 116 W 54th, New York
†De Kalb Mfg. Co., Auburn, Ind.
†De Kalb Wagon Co., De Kalb, Ill.
†Denby Motor Truck Co., Holbrook av, Detroit, Mich.
*De Tamble Motors Co., Anderson, Ind.
†Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.
*†Diamond T Motor Car Co., 4501 W 26th, Chicago, Ill.
*†Dispatch Motor Car Co. (Gasoline), 1200 av S, E, Minneapolis, Minn.
†Dixie Motor Car Co., 3rd and K, Louisville, Ky.
†Doane Motor Truck Co., 425 3rd, San Francisco, Cal.
Doble Abner Co. (Steam), Waltham, Mass.
Doble-Detroit Steam Motors Co., Detroit, Mich.
†Doble Motors (Steam), 714 Harrison, San Francisco, Cal.
*Dodge Bros., Inc., Bismark & Campau av, Detroit, Mich.
*†Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.
*Dort Motor Car Co., Flint, Mich.
†Double Drive Truck Co., W Kinzie, Chicago, Ill.
*Douglas Motors Corp., Omaha, Neb.
*Drummond Motor Co. (Gasoline), Omaha, Neb.
Dudley Tool Co., Menominee, Mich.
*Dunn Walter E., Ogdensburg, N. Y.
†Duplex Truck Co., Lansing Mich.
*Du Pont Motors Inc., Moore, Pa.
*Durable Motor Truck Co., Hammond, Ind.
†Duryea Motors, Inc., 3528 N 18th, Philadelphia, Pa.
*Eagle-Macomber Motor Car Co., Sandusky, O.
*Easton Machine Co., South Easton, Mass.
*†Electromobile Motor Car Co., Boatmens Bank bldg, St. Louis, Mo.
*Elgin Motor Car Corp., McCormick bldg, Chicago, Ill.
*Elkhart Carriage & Motor Car Co., Elkhart, Ind.
†Elmira Commercial Motor Car Co., Owego, N. Y.
*Empire Automobile Co., S W cor Capitol & Michigan, Indianapolis, Ind.
*Enger Motor Car Co., Cincinnati, O.
*Erie Motor Co., Painesville, O.
†Erie Motor Truck Mfg. Co., Erie, Pa.
*Essex Motors, Detroit, Mich.
†Ewbank Electric Transmission Co., Portland, Ore.
*†F. & S. Motors Co., 219 Becher, Milwaukee, Wis.
†Fairbanks, Morse & Co. (Sheffield Plant), Three Rivers, Mich.
†Famous Mfg. Co., East Chicago, Ind.
†Famous Trucks Inc., St. Joseph, Mich.
†Fargo Motor Car Co., 1164 W 22d, Chicago, Ill.
†Fageol Motors Co., 107th av & Hollywood blvd, Oakland, Cal.
†Federal Motor Truck Co., Federal & Campbell av, Detroit, Mich.
*†Ford Motor Co., Highland Park, Mich.
†Forschler Motor Truck Mfg. Co. ("Forschler"), 120H N Claibone, New Orleans, La.
Four Oaks Motor Car Co., Dept. H, Four Oaks, N. C.
*†Four Wheel Drive Auto Co., Clintonville, Wis.
†Four Wheel Drive Motor Truck Co., Webberville, Mich.
*Franklin H. H. Mfg. Co. ("Franklin" Runabout Touring Cars, etc.), Gifford & Magnolia, Syracuse, N. Y.
§Frazier W. S. & Co., Aurora, Ill.
*†Fritchle Electric Co. (Electric), Denver, Colo.
†Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.
Frontenac Motor Co., Plainfield, N. J.
†Fulton Motor Truck Co., Farmingdale, L. I.
*†Gabriel W. H. Carriage & Wagon Co., 315 Prospect av N W, Cleveland, O.
†Galion Dynamic Motor Truck Co., Galion O.
†Garford Motor Truck Co., Lima, Ohio
†Gary Motor Truck Co., Gary, Ind.
†General Vehicle Co. (Electric & Gasoline), Long Island City, N. Y.
†Geneva Wagon Co., Geneva, N. Y.
*Geronimo Motors Co., Enid, Okla.
†Gersix Mfg. Co., Seattle, Wash.
Gillette Motors Co., Mishawaka, Ind.
†Globe Motor Truck Co., Brady av, E St. Louis, Ill.
†Golden West Motors Co., Sacramento, Cal.
Gramm-Bernstein Co., Lima, O.
*Grant Motor Car Corp., Coit rd & Kirby av, Cleveland, O.
†Greene Mfg. Co., Cobleskill, N. Y.
*Grinnell Electric Car Co. (Electric), 473 Woodward av, Detroit, Mich.
*Hackett Motor Car Co., Jackson, Mich.
†Hahn Motor Truck & Wagon Co., Hamburg, Pa.
*Hal Motor Mfg. Co., E 72d, Cleveland, O.
*Hall Scott Motor Car Co., Crocker bldg, San Francisco, Cal.
*Halliday Motor Car Co., Attica, O.
*Hamilton Motor Car Co., York, Pa.
†Hannibal Wagon Co., Hannibal, Mo.
*Hanson Motor Co., Atlanta, Ga.
Harder Auto Truck Co. ("Harder"), 149 W 62nd, Chicago, Ill.
Harley-Davidson Motor Co. (Parcel Deliveries), 3732 Chestnut, Milwaukee, Wis.
†Harrison Robt. Co., 330 W 1st, S Boston, Mass.
†Harroun Motors Corp., Wayne, Mich.
*Harvard-Pioneer Motor Car Corp., Troy, N. Y.
†Harvey Motor Truck Works, Harvey, Ill.
†Hawkeye Truck Co., Sioux City, Ia.
*Haynes Automobile Co., Kokomo, Ind.
†Hebb Motors Co., Lincoln Neb.
†Henderson Bros., No Cambridge, Mass.
†Hendrickson Motor Truck Co., 3538 S Wabash av, Chicago, Ill.
†Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
Hewitt Motor Co. (Commercial Cars, Dept. International Motor Co.), 262 W 64th, New York
†Highgrade Motor Co., Harbor Springs, Mich.
†Hoagland Thayer, (Electric), Newark, N. J.
†Hoffman Motor Truck Co., Minneapolis, Minn.
Holmes Automobile Co., Canton, O.
†Hoover Wagon Co., York, Pa.
*Howard A. Co., Galion, O.
Hubbell-Oakes Motor Co. (Trucks), Atlanta, Ga.
*Hudson Motor Car Co. 2901 Jefferson av, Detroit, Mich.
†Huffman Bros. Motor Co., Elkhart, Ind.
*†Hupp Motor Car Co., 1049 E Milwaukee, Detroit, Mich.
*Hupp-Yeats Electric Car Co., Lycaste & Detroit Ter., Detroit, Mich.
†Hurlburt Motor Truck Co., 2421 3rd, New York
†Huselton Automobile Co., Butler, Pa.
†Ideal Auto Co., Fort Wayne, Ind.
Independent Motor Co., Youngstown, O.
International Fabricating Corp., 99 John, New York
†International Harvester Co., Harvester bldg, Chicago, Ill.
†International Motor Co., 252 W 64th, New York
*Interstate Motor Co., Muncie, Ind.
*Jackson Automobile Co., Jackson, Mich.
*Jones Motor Car Co., Wichita, Kans.
*Jordan Motor Car Co., 1070 E 152d, Cleveland, O.
Kalamazoo Motors Corp., Kalamazoo, Mich.
†Kankakee Automobile Co., Kankakee, Ill.
*†Kearns Motor Truck Co., Beavertown, Pa.
†Kelly-Springfield Motor Truck Co., Springfield, O.
†Ky. Wagon Mfg. Co. ("Dixie Flyer," "Old Hickory" Electric), 3rd & K, Louisville, Ky.
†Keystone Vehicle Co. (Hearses, Limousine & Ambulances), Hamburg, Pa.
*Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
†King A. R. Mfg. Co., Kingston, N. Y.
*King Motor Car Co., Jefferson & Concord av, Detroit, Mich.
*†Kissel Motor Car Co., Hartford, Wis.
†Kleiber & Co., 1426 Folsom, San Francisco, Cal.
†Klemm E. R. 1447 W Austin av, Chicago, Ill.
*†Kline Car Corp'n, Richmond, Va.
Kluykens G. J. (Import), 112 W 42d, New York
†Koehler H. J. Motor Corp., 154 Ogden, Newark, N. J.
†Koenig & Luhrs Wagon Co., Quincy, Ill.
†Kopp Motor Truck Co., Buffalo, N. Y.
†Krebs Commercial Car Co., Clyde, O.
†Krickwell Motor Co., 1373 E 55th, Chicago, Ill.
†La Crosse Motor Truck Co., La Crosse, Wis.
†La France Ward Truck Co., Inc., Elmira, N. Y.
†Lammert & Mann Co. (Electric), Wood & Walnut, Chicago, Ill.
†Landshaft Wm. & Sons, 2336 Milwaukee av, Chicago, Ill.
†Lange Motor Truck Co., 145 S St. Claire, Pittsburgh, Pa.
†Lansden Co. (Electric), 2211 Nostrand av, Brooklyn, N. Y.
†Larrabee-Deyo Motor Truck Co. (Gasoline), Binghamton, N. Y.
†Laughlin-Homer Engineers Corp., 2652 Long Beach av, Los Angeles, Cal.
*Laurel Motor Car Co., Richmond, Ind.
Leach-Bitwell Motor Co., 4800 Santa Fe av, Los Angeles, Cal.
†Laurel Motor Corp., Anderson, Ind.
*Lenox Motor Car Co., 18 Columbus av, Hyde Park, Mass.
†Lewis-Hall Iron Works (Gasoline), Ferry av. and G. T. Ry, Detroit, Mich.
*Lewis Spring & Axle Co., Chelsea, Mich.
*Lexington Motor Co., Connersville, Ind.
†Liberty Motor Car Co., Ft. Lycaste av, Detroit, Mich.
†Lincoln Motor Truck Co, Warren & Livernois, Detroit, Mich.
†Lippard-Stewart Motor Car Co., Buffalo, N. Y.
*†Locomobile Co. of America, Bridgeport, Conn.
†Longest Bros. Co., Louisville, Ky.
Lorraine Car Co., Richmond, Ind.
†Los Angeles Creamery Auto & Machine Co. (Electric), 1020 Towne av, Los Angeles, Cal.
*†Lozier Motor Co., Mack & Belt Line, Detroit, Mich.
*†Luverne Auto Co., Luverne, Minn.
*McFarlan Motor Co., Connersville, Ind.
†Maccar Truck Co., Scranton, Pa.
†Madison Motors Corp., Anderson, Ind.
*Maibohm Motor Co., Sandusky, O.
†Mais Motor Truck Co., Indianapolis, Ind.
†Martin Truck & Body Corp., York, Pa.
†Master Trucks, Inc., 3132 S Wabash av, Chicago, Ill.
†Mather S. W. Auto Co., Cleveland, O.
†Maxim Munitions Corp., 120 B'way, New York
*Maxwell Motor Co., 2648 E Jefferson, Detroit, Mich.
†Menominee Motor Truck Co., Menominee, Mich.
*Mercer Automobile Co., Trenton, N. J.
†Meteor Motor Car Co., Piqua, Ohio
Michigan Hearse & Motor Co. (Funeral Cars, Ambulances, Hearses, etc.), 1500 Union av, S E, Grand Rapids, Mich.
*Mier Carriage & Buggy Co., Ligonier, Ind.
*Milburn Wagon Co. ("Milburn" Electric), Toledo, Ohio
†Mills-Ellsworth Co., Keokuk, Ia.
*Milwaukee Auto Engine & Supply Co. (To order only), 841 29th, Milwaukee, Wis.
Minerva Motor Car Co. (Importers), 227 W 64th, New York
*Mitchell Motors Co., Inc., Racine, Wis.
†Mogul Motor Truck Co., 4125 Forest Park boul, St. Louis, Mo.

†Monarch Light Truck Co., Milwaukee, Wis.
•§Monroe Motor Co., Flint, Mich.
Monitor Motor Car Co., Columbus, O.
•Moon Motor Car Co., 4402 Main, St. Louis, Mo.
•Moore Motor Vehicle Co., Danville, Ill.
†Mora Power Wagon Co., 5320 St. Clair av, Cleveland, O.
†Moreland Motor Truck Co., Los Angeles, Cal.
•Moyer H. A., Syracuse. N. Y.
•Murray Motor Car Co. (Gasoline), 3724 Grant boulevard, Pittsburgh, Pa.
†Muskegon Engine Co., Muskegon, Mich.
•Mutual Motors Co., Jackson, Mich.
†Mutual Truck Co., Sullivan, Ind.
†Myers E. A. Co., 4101 Senate, Pittsburgh, Pa.
†Napoleon Motors Co., Traverse City, Mich.
•Nash Motors Co., The, Kenosha, Wis.
•National Motor Car & Vehicle Corp. (Electric & Gasoline), 1004 E 22nd, Indianapolis, Ind.
†Nelson & Le Moon, 849 N Kedzie, Chicago, Ill.
†Nelson Motor Truck Co., Saginaw, Mich.
•†Neville Thomas & Co., Oshkosh, Wis.
†New England Truck Co., Fitchburg, Mass.
New Haven Carriage Co., New Haven, Conn.
†New Haven Truck & Auto Works, New Haven, Conn.
New York Motor Works Co., Nutley, N. J.
†Noble Motor Truck Co., Kendalville, Ind.
•Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
†Norwalk Motor Car Co., Martinsburg, W. Va.
•Oakland Motor Car Co. (Dept. General Motors Co.), Pontiac, Mich.
†Ogden Motor & Supply Co., 3854 Ogden av, Chicago, Ill.
•Ogden Motor Car Co., 39 S. La Salle, Chicago, Ill.
Ohio Motor Vehicle Co. ("Ferris"), Oakview & Nottingham rds, Cleveland, Ohio
†Oklahoma Auto Mfg. Co., North Muskegon, Okla.
†Old Reliable Motor Truck Co., 58 E Washington, Chicago, Ill.
•Olds Motor Works (Dept. General Motors Co.), Lansing, Mich.
•Olympian Motors Co., Pontiac, Mich.
†Oneida Motor Truck Co., Green Bay, Wis.
Ortman Motor Co., Washington Courthouse, O.
Otto Albert T. & Sons (Import), 101 Park av, New York
†Pacific Metal Products Co., Torrance, Cal.
•†Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
†Packett Motor Car Mfg. Co., 2743 Lyndale av S. Minneapolis, Minn.
Paige Detroit Motor Car Co. ("Paige"), Dept. H, McKinstry & Fort, Detroit, Mich.
†Palmer-Meyer Motor Car Co., 5027 McKissock av, St. Louis, Mo.
Pan American Motors Corp., Decatur, Ill.
†Panhard Motors Co., Grand Haven, Mich.
†Parker Motor Truck Co., 606 Linus, Milwaukee, Wis.
Paterson W A Co, Flint, Mich
•Pathfinder Co, Indianapolis, Ind
•Peerless Motor Car Co, Quincy av & E 93d, Cleveland, O.
•†Pennsy Motors Co (Gasoline), Penn av, nr Allegheny av, N S, Pittsburgh, Pa.
•Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
Peugeot Auto Import Co., 1620 B'way, New York
•Phianna Motors Co., Central av, Newark, N. J.
•†Piedmont Motor Car Co., Inc., Lynchburg, Va.
•†Pierce-Arrow Motor Car Co., 1695 Elmwood av, Buffalo, N. Y.
†Piggins Motor Truck Co., Racine, Wis.
•Pilgrim Motors Car Co., Moffat bldg., Detroit, Mich.
•Pilot Motor Car Co., Richmond, Ind.
†Pittsburg Machine Tool Co., Braddock, Pa.
Pollak Steel Co., Cincinnati, O.
•Porter, Finley Robertson Co. (Gasoline), Port Jefferson Station, Long Island, N. Y.
•Premier Motor Corp., 20th & Olney, Indianapolis, Ind.
•†Preston Motors Corp. ("Preston"), 24th & 27th av N, Birmingham, Ala.
See adv index at end of book
§Princess Motor Car Co., 348 Clay av, Detroit, Mich.
•†Pullman Motor Car Co., York, Pa.
†Rainier Motor Corp., Flushing, N. Y.
†Ralstone Iron Wks. Co., 20th & Indiana, San Francisco, Cal.
•R. C. H. Corp., Lycaste av, Detroit, Mich.
•Reeves Sexton Auto Co., Columbus, Ind.
†Regal Motor Car Co., 216 Piquette, Detroit, Mich.
†Reliance Motor Truck Co., Appleton, Wis.
†Remington Motor Co., 9 Cent. Park, W, New York
Renault Selling Branch, Inc. (Importers Taxicabs), 719 5th av, New York
•Revere Motor Cars Corp., Logansport, Ind.
•Reo Motor Car Co., Lansing, Mich.
†Republic Motor Truck Co., Alma, Mich.
•Richard Auto Mfg. Co., Engineers bldg, Cleveland, O.
†Robinson Motor Truck Co. 2d av N & 7th, Minneapolis, Minn.
†Rock Falls Mfg. Co., Sterling, Ill.
†Rogers Una-Drive Motor Truck Corp., Sunnyvale, Cal.
•Rolls-Royce of Amer. Inc. ("Rolls-Royce" Chassis & Custom Built Bodies), Page blvd, Springfield, Mass.
•Root & Vandervoort Engng Co., East Moline, Ill.
†Royal Motor Truck Co. of N. Y., 112 8th av, New York
†Rush Motor Truck Co., 1014 N Front, Philadelphia, Pa.
•Saginaw Motor Car Co., Saginaw, Mich.
†Sandow Motor Truck Co., 3333 W Grand, Chicago, Ill.
†Sanford Motor Truck Co., Syracuse, N. Y.
†Saxon Motor Car Co., 917 Bellevue av, Detroit, Mich.
†Sayers & Scovill Co., Gest, Cincinnati, O.
•†Schacht G. A. Motor Truck Co., Gest & Evans, Cincinnati, O.
•†Schildwachter Automobile Co., 1887 Park av, New York.
†Schleicher Motor Vehicle Co., 37 W 14th, New York
†Schoepflin L. G. Co., 80 W Mohawk, Buffalo. N. Y.
†Schwartz Motor Truck Co., Reading, Pa.
§Scripps Booth Corp., Michigan & Weston, Detroit, Mich.
•Sebring Motor Car Co., Sebring O.
†Selden Truck Corp. ("Selden"), 49H East av, Rochester, N. Y.
•Seneca Motor Car Co., Fostoria, O.
†Service Motor Truck Co., Wabash. Ind.
†Sheridan Commercial Car Co., Harvey, Ill.
Sheridan Motor Car Co., Muncie, Ind.
†Signal Motor Truck Co., 899 Connors C. K. Detroit, Mich.
•Simplex Automobile Corp., 60 B'way, New York
•Signal Motor Truck Co., 899 Connors C. K., Detroit, Mich.
•Small Wm. Co., Indianapolis, Ind.
†South Bend Motor Car Works, South Bend, Ind.
•Spaulding Mfg. Co., Grinnell, Ia.
•Spoerer's Carl Sons Co., 909 S Carey, Baltimore, Md.
•Stafford Motor Car Co., Kansas City, Mo.
†Standard Motor Truck Co., 315 Bellevue av, Detroit, Mich.
†Standard Motor Truck Co., 496 Bellevue av, Detroit, Mich.
†Standard Steel Car Co., A. V. R. R., Verona, Pittsburgh, Pa
•†Stanley Motor Carriage Co. (steam), Newton, Mass.
†Starr Carriage Co., Seattle, Wash.
•States Motor Car Mfg. Co., Kalamazoo, Mich.
•†Stearns F. B. Co., Euclid av & Lakeview rd, Cleveland, O.
†Steele W. M., Worcester, Mass.
†Stegeman Motor Car Co., 606 Linus, Milwaukee. Wis.
§Stephens James S., 7321 S Shore, Chicago, Ill.
†Sternberg Motor Truck Co., Milwaukee, Wis.
•Stephens Motor Br. of Moline Plow Co., Freeport, Ill.
†Sterling Motor Truck Co., West Allis, Wis.
†Stewart Motor Corp., Buffalo, N. Y.
•†Studebaker Corp., South Bend, Ind.
•Stutz Motor Car Co., N W cor Capitol av & 10th, Indianapolis, Ind.
†Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
•Sun Motor Car Co., Elkhart, Ind.
†Superior Motor Truck Co., Atlanta, Ga.
†Tegetmeier & Riepe Co., 771 1st av, New York
•Templar Motors Corp., Lakewood, Cleveland, O.
Thomas E. R. Motor Car Co., Buffalo, N. Y.
†Tiffin Wagon Co., Tiffin, O.
†Titan Truck Co., 25th, Milwaukee, Wis.
†Tower Motor Truck Co., Greenville, Mich.
†Trabold Truck Mfg. Co., Johnstown, Pa.
†Traffic Motor Truck Corp., 5200 S 2d, av, St. Louis, Mo.
•Traverse City Motor Co., Traverse City, Mich.
†Triangle Motor Truck Co., St. Johns, Mich.
†Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
•Trumbull Motor Car Co., Bridgeport, Conn.
•Tulsa Automobile Corp., Tulsa, Okla.
†Turnbull Motor Truck & Wagon Co., Defiance, O.
†Twin City Four Wheel Drive Co., University, St. Paul, Mich.
†Union Motor Truck Co., Bay City, Mich.
†United Four Wheel Drive Truck Corp., 29 S La Salle, Chicago, Ill.
†United Motors Co., 675 North N W, Grand Rapids, Mich.
•†U. S. Carriage Co., 319 S 4th, Columbus, O.
†United States Motor Truck Co. ("US"), Covington, Ky.
†Universal Service Co., Grand River & Stanton avs, Detroit, Mich.
†Utility Car Co. (Funeral), Richmond, Ind.
§Valley Boat Co., Saginaw, Mich.
†Veerac Co., Anoka, Minn.
•Velle Motors Corp., Moline, Ill.
†Viall Motor Car Co. (Gasoline), 21 E 111th, Chicago, Ill.
†Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.
Vogue Motor Car Co., Tiffin, O.
†Voltz Bros., 840 S Halsted, Chicago, Ill.
Wadsworth Mfg. Co., Kercheval & Connors Creek, Detroit, Mich.
†Walker Vehicle Co. (electric), 533 W 39th, Chicago, Ill.
†Walter Motor Truck Co., 110 W End av, New York
Ward La France Truck Corp., Elmira, N. Y.
†Ward Motor Vehicle Co. (Electric), Mount Vernon, N. Y.
†Warren Motor Truck Co., Warren, O.
Washington Motor Co., Dept. H, Eaton, Ohio
•†Waverly Co., 139 S East, Indianapolis, Ind.
†Way-Cleanse Co. (Street Sweepers), Sandusky, O.
•Wayne Works, Inc., Richmond, Ind.
†West Coast Wagon Co., Tacoma, Wash.
•Westcott Motor Car Co., Springfield, O.
†Western Automobile Co., Seattle, Wash.
†White Co. ("White" Patrols, Buses, Ambulances, Trucks), 79th & St. Clair, Cleveland, Ohio
•†Wichita Automobile Co., Wichita, Kan.
†Wichita Motors Co., Wichita Falls, Tex.
†Wilcox H. E. Motor Co., 1030 N E Marshall, Minneapolis, Minn.
Willys Corp., 11H Pine, New York
Willys-Overland Co. ("Overland"), Toledo, Ohio
†Winther Motor Truck Co., Kenosha, Wis.
•Winton Co., Berea rd, Cleveland, O.
†Witt-Will Co., 52 N, N E, Washington, D. C.
§Woods Mobilette Co., 2007 S Michigan av, Chicago, Ill.
•Woods Motor Vehicle Co. (Electric), 2515 Calhuall, Chicago, Ill.
†W. S. Truck Co., Birmingham, Mich.
†Zeitler & Lamson Truck Co., 4644 W Madison, Chicago, Ill.

322—Automobile or Motor Car Trade Names

See also Trade Name Section.

Each name is followed by the title (in some cases in an abbreviated form) of the firm making or handling car. For the full name, address and variety of product of each firm see the preceding list of Automobile Builders.

Names of Foreign Cars are followed by the word "Imported"

"ACASON"—Acason Motor Truck Co.
"ACME"—Acme Motor Truck Co.
"ACME"—Acme Wagon Wks
"ALLEN"—Allen Motor Car Co.
"AMERICAN"—American Motors Corp.
"AMES"—Ames M. C. Co.
"ANDERSON"—Anderson Motor Co.
"APPERSON JACK RABBIT"—Apperson Bros. Automobile Co.
"ARGONNE"—Argonne Motor Car Co.
"ARMLEDER"—Armleder O. Co.
"ATLANTIC"—Atlantic Electric Vehicle Co.
"ATLAS"—Martin Truck & Body Corp.
"ATTERBURY"—Atterbury M. C. Co.
"AUBURN"—Auburn Automoble O. Co.
"AUGLAIZE"—Auglaize M. C. Co.
"AUSTIN"—Austin Automobile Co.
"AVAILABLE"—Available T. Co.
"BABY GRAND"—Chevrolet Motor Co.
"BARKER"—Barker C. L.
"BAUER"—Bauer Machine Works Co.
"BEAVER"—Beaver State Motor Co.
"BECK"—Beck-Hawkeye Motor Truck Co.
"BEECH CREEK"—Beech Creek Truck & Auto Co.
"BEGGS"—Beggs Motor Car Co.
"BELL"—Bell Motor Car Co.
"BESSEMER"—B. M. T. Co .
"BEST"—Dort Motor Car Co.
"BETHLEHEM"—Bethlehem Motor Corp.
"BIDDLE"—Biddle Motor Car Co.
"BIRCH"—Birch Motor Cars, Inc.
"BLAIR"—Blair Motor Truck Co.
"BOUR DAVIS"—Louisiana Motor Car Co.
"BRINTON"—Brinton Motor Truck Co.
"BRINTON"—Brinton Motor Truck Co,. 5805 Market, Philadelphia, Pa.
"BROCKWAY"—Brockway, M. T. Co.
"BUCKEYE"—Buckeye Mfg. Co.
"BUICK"—Buick M. Co.
"BURG"—Burg L. Carriage Co.
"BUTLER"—Huselton Auto Co.
"C. T."—Commercial T. Co. of America
"CADILLAC"—Cadillac Motor Car Co.
"CAMPBELL"—Campbell Motor Car Co.
"CASE"—Case J. I. Threshing Machine Co.
"CASS"—Independent Motor Co.
"CENTURY"—Century Mfg. Co.
"CHADWICK"—Chadwick Engineering Works
"CHALMERS"—Maxwell Motor Co.
"CHAMPION"—Champion Wagon Co.
"CHASE"—Chase Motor T. Co.
"CHEVROLET"—Chevrolet M. Co.
"CHRYSLER 6"—Willys Corp.
"CLYDE"—Clyde Cars Co.
"COEY, JR."—Coey Motor Co.
"COLE"—Cole M. C. Co.
"COLLIER"—Collier Motor Truck Co.
"COLUMBIA"—Columbia Motor Truck & Trailer Co.
"COMET"—Comet Automobile Co.
"COMMER"—Commercial Cars, Ltd.
"COMMERCE"—Commerce M. C. Co.
"COMMONWEALTH" — Commonwealth Motors Co.
"CONCORD"—Abbot-Downing Truck & Body Co.
"CONNERSVILLE"—Connersville Buggy Co.
"CONTINENTAL" — Continental Truck Mfg. Co.

AUTOMOBILE OR MOTOR CAR TRADE NAMES—Continued

"CORBITT"—Corbitt Motor Truck Co.
"CORLISS"—Corliss Motor Truck Co.
"COUPLE GEAR"—Couple Gear Freight Wheel Co.
"CRANE & BREED"—Crane & Breed Mfg. Co.
"CRAWFORD"—Crawford Automobile Co.
"CROCE"—Croce Auto Co.
"CROW-ELK-HART" — Crow-Elkhart M. Co.
"CROWTHER"—Crowther Motor Co.
"CULVER"—Culver Mfg. Co.
"CUNNINGHAM"—Cunningham Jas. Son & Co.
"CURTIS"—Pittsburgh Machine Tool Co.
"D. B."—Dodge Bros., Inc.
"D-E"—Day-Elder Motors Co.
"DANIELS EIGHT"—Daniels Motor Car Co.
"DANIELSON"—Danielson Engine Works
"DARRACO" (Imported) — Kluyskens, G. J.
"DARRACQ"—Klusykens, G. J.
"DART"—Dart Truck & Tractor Corp.
"DAVIS"—Davis G. W. M. C. Co.
"DE DION-BOUTON" (Imported)—De Dion-Bouton Auto Co.
"DE KALB"—De Kalb Mfg. Co.
"DEKALB"—De Kalb Wagon Co.
"DENBY"—Denby Motor Truck Co.
"DE TAMBLE"—De Tamble Motors Co.
"DETROIT ELECTRIC"—Anderson Electric Car Co.
"DIAMOND T"—Diamond T. M. C. Co.
"DISPATCH"—Dispatch Motor Car Co.
"DIXIE"—Dixie Motor Car Co.
"DOANE"—Doane Motor Truck Co.
"DOBLE"—Doble Abner Co.
"DOBLE - DETROIT"—Doble - Detroit Steam Motors Co.
"DODGE"—Dodge Bros, Inc.
"DORRIS"—Dorris Motor Car Co.
"DORT"—Dort Motor Car Co.
"DOUGLAS"—Douglas Motor Corp.
"DREADNOUGHT MOLINE" — Moline Auto Co.
"DRUMMOND"—Drummond Motor Co.
"DUDLEY BUG"—Dudley Tool Co.
"DUNN CAR"—Dunn Walter E.
"DUPLEX 4 WHEEL DRIVE"—Duplex Truck Co.
"DYNAMIC"—Gallion Dynamic M. T. Co.
"EAGLE"—Eagle-Macomber Motor Car Co.
"ELCAR"—Elkhart Carriage & Motor Car Co.
"ELECTROMOBILE" — Electromobile Motor Car Co.
"ELDRIDGE"—Eldridge Mfg. Co.
"ELGIN"—Elgin Motor Car Corp.
"ELLSWORTH"—Mills Ellsworth Co.
"ELMIRA"—Elmira Commercial Motor Car Co.
"EMPIRE"—Empire Automobile Co.
"ENGER"—Enger M. C. Co.
"ERIE"—Erie Motor Truck Co.
"EWBANK"—Ewbank Elec. Transmission Co.
"F. R. P."—Porter, Finley, Robertson Co.
"F. & S."—F. & S. Motors Co.
"FAGEOL"—Fageol Motors Co.
"FARGO"—Fargo M. C. Co.
"FEDERAL"—Federal M. T. Co.
"FLINT"—Dort Motor Car Co.
"FORD"—Ford Motor Co.
"FOUR WHEEL DRIVE"—Four Wheel Drive Auto Co.
"FRITCHLE"—Fritchle Electric Co.
"FRONTENAC"—Frontenac Motor Co.
"FULTON"—Fulton Motors Truck Co.
"G. V."—General Vehicle Co.
"G. V. MERCEDES"—General Vehicle Co., Inc.
"GABRIEL"—W. H. Gabriel Carriage & Wagon Co.
"GARFORD"—Garford Motor Truck Co.
"GARY"—Gary Motor Truck Co.
"GENEVA"—Geneva Wagon Co.
"GERSIX"—Gersix Mfg. Co.
"GILLETTE"—Gillette Motors Co.
"GLIDE"—Bartholomew Co. Co.
"GOLDEN WEST"—Golden West Motors
"GRAMM-BERNSTEIN" — Gramm-Bernstein Co.
"GRANT"—Grant M. Car Corp.
"GREAT EAGLE"—U. S. Carriage Co.
"GRINNELL"—Grinnell E. C. Co.
"HAHN"—Hahn M. T & W. Co.
"HAL"—Hal Motor Mfg. Co.
"HALL"—Lewis-Hall Iron Works
"HANNIBAL"—Hannibal Wagon Co.
"HARLEY DAVIDSON"—Harley Davidson Motor Co.
"HARRISON"—Harrison R. Co.
"HARVARD" — Harvard-Pioneer Motor Car Corp.
"HARVEY"—Harvey M. T. Works
"HATFIELD"—Cortland Cart & Carriage Co.
"HAWKEYE"—Hawkeye Truck Co.
"HAYNES"—Haynes Automobile Co.
"HENDERSON"—Henderson Bros.
"HENDRICKSON" — Hendrickson Motor Truck Co.
"HERFF BROOKS"—Wayne Works
"HEWITT"—International Motor Co.
"HEWITT-LUDLOW"—Ralston Iron Wks. Inc.
"HEWITT-LUDLOW"—H. L. Auto Co.
"HOAGLAND THAYER" — Hoagland Thayer
"HOFFMAN"—Hoffman M. T. Co.
"HOLMES"—Holmes Automobile Co.
"HOOVER"—Hoover Wagon Co.
"HORNER" — Detroit-Wyandotte Motor Truck Co.
"HOWARD"—Howard A. Co.
"HUDSON SUPER SIX"—Hudson Motor Car Co.
"HUPMOBILE"—Hupp Motor Car Co.
"HUPP-YEATS" — Hupp-Yeats Electric Car Co.
"HURLBURT"—Hurlburt Motor Truck Co.
"IANCO"—International Aerial Navigation Co.
"IDEAL"—Ideal Auto Co.
"INTERNATIONAL"—International Harvester Co.
"INTERSTATE"—Interstate Motor Co.
"JACKSON"—Jackson Automobile Co.
"JONES"—Jones Motor Car Co.
"JORDAN"—Jordan Motor Car Co.
"JUMBO"—Nelson Motor Truck Co.
"KEARNS"—Kearns M. T. Co.
"KELLY"—Kelly-Springfield M. T. Co.
"KIMBALL"—Kimball C. P. & Co.
"KING"—King A. R. Mfg. Co.
"KING"—King M. C. Co.
"KISSEL"—Kissel M. C. Co.
"KISSEL KAR"—Kissel M. C. Co.
"KLEIBER"—Kleiber & Co.
"KLEMM"—Klemm E. R.
"KLINE KAR"—Kline Car Corpn'n
"KOEHLER"—Koehler H. J., S. G. Co.
"KOPP"—Kopp Motor Truck Co.
"KREBS"—Krebs Com. Car Co.
"KRICKWELL"—Krickwell M. Co.
"LAMBERT"—Buckeye Mfg. Co.
"LAMSON"—United Four Wheel Drive Truck Corp.
"LANDSHAFT"—Landshaft Wm. & Sons
"LANE"—Kalamazoo Motors Corp.
"LANGE"—Lange M. T. Co.
"LARRABEE"—Larrabee-Deyo Motor Truck Co.
"LAUGHLIN" — Laughlin-Homer Engineers Corp.
"LAUREL 35"—Laurel Motor Car Co.
"LEACH"—Leach-Bitwell Motor Co.
"LE MOON"—Nelson & Le Moon
"LENOX"—Lenox M. C. Co.
"LEXINGTON"—Lexington Motor Co.
"LIBERTY"—Liberty Motor Car Co.
"LIGHT CAR"—Monroe Motor Co.
"LIPPARD-STEWART"—Lippard-Stewart M. C. Co.
"LITTLE PRINCESS" — Princess Motor Car Co.
"LOCOMOBILE"—Locomobile Co. of Am.
"LONGEST"—Longest Bros. Co.
"LOZIER"—Lozier M. Co.
"LUVERNE"—Luverne Auto Co.
"M. H. C."—Michigan Hearse & Motor Co.
"McFARLAN"—McFarlan Motor Co.
"MACCAR"—Maccar Truck Co.
"MACK"—International Motor Co.
"MADISON"—Madison Motors Corp.
"MAIBOHM"—Maibohm Motor Co.
"MAIS"—Mais M. T. Co.
"MAJESTIC"—Milwaukee Auto E. & S. Co.
"MARION"—Mutual Motors Co.
"MARMON"—Nordyke & Marmon Co.
"MARTIN"—Martin Truck & Body Corp.
"MATHER"—Mather S. W. Auto Co.
"MAXWELL"—Maxwell Motor Co.
"MENOMINEE"—Menominee Motor Truck Co.
"MERCER"—Mercer Auto Co.
"METEOR"—Meteor Motor Car Co.
"MIER"—Mier Carriage & Buggy Co.
"MINERVA" — (Imported)—Minerva Motor Car Co.
"MITCHELL"—Mitchell Motors Co., Inc.
"MOBILETTE"—Woods Mobilette Co.
"MOELLER"—New Haven T. & A. Works
"MOGUL"—Mogul M. T. Co.
"MOLINE KNIGHT"—Root & Van Dervoort Engr. Co.
"MONARCH"—Monarch Light Truck Co.
"MONROE"—Monroe Motor Co.
"MOON"—Moon Motor Car Co.
"MOORE"—Moore Motor Vehicle Co.
"MOORE"—Pacific Metal Products Co.
"MORA"—Mora P. W. Co.
"MORELAND"—Moreland M. T. Co.
"MORSE"—Easton Machine Co.
"MOYER"—Moyer H. A.
"MURRAY CAR"—Murray Motor Car Co.
"MUSKEGON"—Muskegon Engine Co.
"NAPOLEON"—Traverse City Motor Co.
"NASH"—Nash Motors Co., The
"NATIONAL"—National M. C. & M. V. Corp.
"NELSON & LE MOON"—Nelson & Le Moon.
"NETCO"—New England Truck Co.
"NEVILLE"—Neville T. & Co.
"NEWARK"—Blair Motor Truck Co.
"NEW YORK"—Tegetmeier & Riepe Co.
"NORWALK"—Norwalk M. C. Co.
"OAKLAND"—Oakland Motor Car Co.
"OLD RELIABLE"—Old Reliable M. T. Co.
"OLDSMOBILE"—Olds Motor Works
"PACKARD"—Packard Motor Car Co.
"PALMER"—Commonwealth Motors Co.
"PALMER"—Palmer-Meyer M. C. Co.
"PANHARD"—Panhard Motors Co.
"PARKER"—Parker Motor Truck Co.
"PARTIN"—Commonwealth Motors Co.
"PATERSON"—Paterson W. A. Co.
"PATHFINDER"—Pathfinder Co.
"PEERLESS"—Peerless M. C. Co.
"PENNSY"—Pennsy Motors Co.
"PETREL"—Petrel Motor Car Co.
"PIERCE ARROW"—Pierce Arrow Motor Car Co.
"PIGGINS"—Piggins Motor Truck Co.
"PILOT"—Pilot M. C. Co.
"PREMIER"—Premier Motor Corp.
"PRINCESS"—Princess Motor Car Co.
"PULLMAN"—Pullman Motor Car Co.
"R. C. H."—R. C. H. Corp.
"RAINIER"—Rainier Motor Corp.
"REGAL"—Regal Motor Car Co.
"REMINGTON"—Remington M. Co.
"RENAULT"—(Imported)—Renault Selling Branch
"REO"—Reo Motor Car Co.
"REPUBLIC"—Republic M. Truck Co.
"RICHARD"—Richard Auto Mfg. Co.
"RICHMOND"—Wayne Works
"RIKER" (Capacity 1½ to 5 tons)—Locomobile Co. of America.
"ROAMER & HALLADAY"—Barley Motor Car Co.
"ROBINSON"—Robinson M. T. Co.
"ROCKET"—Scripps-Booth Corp.
"ROYAL"—Royal M. T. Co.
"ROYAL MAIL"—Chevrolet Motor Co.
"RUSH"—Rush Motor Truck Co.
"SAGINAW"—Valley Boat Motor Co.
"SANDOW"—Sandow Motor Truck Co.
"SANFORD"—Sanford M. T. Co.
"SAURER"—International Motor Co.
"SAXON"—Saxon Motor Car Co.
"SAYERS & SCOVILL"—Sayers & Scovill Co.
"SCHACHT"—Schacht G. A. M. T. Co.
"SCHILDWACHTER"—Schildwachter Auto Co.
"SCHLEICHER"—Schleicher M. V. Co.
"SCRIPPS-BOOTH"—Scripps Booth Corp.
"SEBRING"—Sebring M. C. Co.
"SERVICE"—Service M. T. Co.
"SHERIDAN"—Sheridan Commercial Car Co.
"SIGNAL"—Signal M. T. Co.
"SIMPLEX"—Simplex Automobile Corp.
"SINGER"—Singer Motor Co.
"SOUTH BEND" — South Bend Motor Car Works
"SPAULDING"—Spaulding Mfg. Co.
"SPOERER"—Spoerer's C. Sons Co.
"SPRITE"—Frazier W. S. & Co.
"STAFFORD"—Stafford M. C. Co.
"STANDARD"—Standard Steel Car Co
"STANLEY"—Stanley M. C. Co.
"STATES"—States Motor Car Mfg. Co.
"STEARNS-KNIGHT"—Stearns F. B. Co.
"STECO"—Stephens James S.
"STEELE"—Steele W. M.
"STEGEMAN"—Stegeman M. C. Co.
"STEPHENS"—Stephens Motor Br. of Moline Plow Co.
"STERLING"—Sterling Motor Truck Co.
"STERNBERG"—Sternberg Motor Truck Co.
"STEWART"—Stewart M. Corp.
"STUDEBAKER"—Studebaker Corp'n
"STUTZ"—Stutz M. C. Co.
"SUN"—Sun Motor Car Co.
"SUNLIGHT SIX"—Sun Motor Car Co.
"SUPERIOR"—Superior Motor Truck Co.
"TEMPLAR"—Templar Motors Corp.
"THOMAS"—Thomas E. R. Motor Car Co.
"TIFFIN"—Tiffin Wagon Co.
"TOWER"—Tower Motor Truck Co.
"TRABOLD"—Trabold Truck Mfg. Co.
"TRAFFIC"—Traffic Motor Truck Corp.
"TRIUMPH"—Triumph M. C. Co.
"TROJAN"—Commercial Truck Co.
"UNION"—Union Motor Truck Co.
"UNITED"—United Motors Co.
"UNIVERSAL"—Universal Service Co.
"URBAN"—Kentucky Wagon Mfg. Co.
"VEERAC"—Veerac Co.
"VELIE"—Velie Motors Corp.
"VIALL"—Viall Motor Car Co.
"VIM"—Vim Motor Truck Co.
"VOGUE"—Vogue Motor Car Co.
"VOLTZ"—Voltz Bros.
"W. S."—W. S. Truck Co.
"WACO"—Western Automobile Co.
"WALKER BALANCE DRIVE"—Walker Vehicle Co.
"WALTER"—Walter M. T. Co.
"WARD"—Ward M. V. Co.
"WARREN"—Warren Motor Truck Co.
"WAVERLY"—Waverly Co.
"WAYNE"—Automobile Mfg. & Eng. Co.
"WESTCOTT"—Westcott M. C. Co.
"WEST COAST"—West Coast Wagon Co.
"WESTERN"—Western Automobile Co.
"WILCOX-TRUX"—Wilcox H. E. Motor Car Co.
"WINTON"—Winton Co.
"WITT-WILL"—Witt-Will Co.
"WOLVERINE"—Am. Commercial Car Co.
"WOODS"—Woods M. V. Co.
"WOODS MOBILETTE"—Woods Mobilette Co.
"YALE"—Saginaw Motor Car Co.
"ZEITLER & LAMSON"—Zeitler & Lamson Truck Co.

323-4-5—*Automobile Electrical Equipment

Metal Specialties Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
Spafford Machine Screw Wks., Hartford, Conn.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Automobile Hampers

See Baskets, Hampers & Touring Cases, Automobile

326-7—Automobile Oil Retainers

Bossert Corp. (The) (Valve Spring), cor Linden & West av, Utica, N. Y.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.

328—Automobile Parts & Fittings

See also the Special Article Required
American Die & Tool Co., Reading, Pa.
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.

Apco Mfg. Co., Providence, R. I.
Arva Mfg. Co. (Propeller Shafts), Anderson, Ind.
Auto Ped Co. of Am. (Peds & Principal Parts), Thompson av & Arton, L. I. City, N. Y.
Baker Gun & Forging Co., Batavia, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bossert Corporation, The (Pressed to Order), cor Linden & West av, Utica, N. Y.
Bridges J. D. Co., Dept. H, Florence, S. C.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Dixie Brass & Foundry Co., Birmingham, Ala.
Flat Metal Mfg. Co., 223 W Huron, Chicago, Ill.
Federal Gear Co. of Cleveland, Cleveland, Ohio
Federal Machine Products Co., Farnsworth & Beaufoit, Detroit, Mich.

FOXBORO COMPANY, THE ("Foxboro" Automobile Gauges), Foxboro, Mass.
See adv index at end of book
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.

HOLAN METAL PRODUCTS CO. THE (Sheet Metal), W 40th & Clark av, Cleveland, O.
See adv index at end of book

JOHNSON BRONZE CO., New Castle, Pa.
LA PIERRE H. M. ("Dudie"), **CO.**, 1314 W 21st, Chicago, Ill.

LUNKENHEIMER CO. (Lubricators & Fittings). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Man-Sherwood Supply Co., 1616 W 3rd, Cleveland, O.
Maskell J. H. Machine & Mfg. Co., 1421 E 40th, Cleveland, Ohio

METAL SPECIALTIES MFG. CO. ("Presto" Lamp Sockets, Plugs & Switches), 338 N Kedzie av, Chicago, Ill.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Moon Machine Co., Muncie, Ind.
National Steel Products Co., Dayton, O.
National Gauge & Equipment Co. (Instruments Only), La Crosse, Wis.
See adv index at end of book
Nelson A. Mfg. Co., 564 W Randolph, Chicago, Ill.
Norwalk Auto Parts Co. (Brake Bands & Universal Couplings), Norwalk, O.
Oakes Co. (Stamped), Indianapolis, Ind.
Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, O.
Railway Specialty Co., Atchison, Kans.
Recording Devices Co., Dayton, Ohio
Sherman-Klove Co., 4649 W Harrison, Chicago, Ill.
Simmons Mfg. Co. (Ford Parts), 3405 Perkins av, Cleveland, Ohio
Standard Automatic Tool Co., Racine, Wis.
Standard Equipment Co., Lorain av & W 106th, Cleveland, O.
Standard Steel Tube Co., Toledo, O.
Standard Turnbuckle Co., Corry, Pa.
Stevenson Mfg. Co. (Wooden), South Bend, Ind.
See adv index at end of book
Superb Mfg. Co., Inc., Monticello, Ind.
Taylor Instrument Co's (Chargometers and Autoaltimeter), Rochester, N. Y.
Vahan Products Co., 73rd & St. Clair, Cleveland, O.
Warren Machine Products Co. (Gearing Transmission Axles), Warren, Pa.
WATERBURY MFG. CO., Waterbury, Conn.
Wheel B. Top & Hardware Co., 127 E 8th, Cincinnati, O.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Willys-Morrow Co. Inc., Elmira, N. Y.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Automobile Sheet Metal Forms
See Stamping, Automobile

329-30—Automobile Steering Links
Cincinnati Ball Crank Co., North Oakley, Cincinnati, O.
Vahan Products Co., 73rd & St. Clair, Cleveland, O.

331—*Automobile Tank & Muffler Parts
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
National Gauge & Equipment Co., La Crosse, Wis.
See adv index at end of book

332—Automobile Tanks & Mufflers
See also Mufflers, Automobiles; also Tanks
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
HOLAN METAL PRODUCTS CO. THE, W 40th & Clark av, Cleveland, O.
See adv index at end of book

332a—*Automobile Trimmings
Schlegel Mfg. Co., Rochester ,N. Y.

333—Automobiles (Juvenile)
Arden Bennett Corp., 450 E 148th, New York
Carolina Metal Co., Shelby, N. C.
Custer Specialty Co. (Electric & Gasoline), 28 N Ludlow, Dayton, O.

334— Automotoneers
Electric Service Supplies Co. ("Garton-Daniels," for Street Railway Controllers), 17th & Cambria, Phila, Pa.

334b— *Auto Tool
Williams J. H. Co. ("Vulcan" Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

334c—*Auxiliaries (Marine)
GRISOM - RUSSELL CO. ("Reilly") 92 West, New York
See adv index at end of book
Rix Compressed Air & Drill Co. (Air Compressors), 505 Howard, San Francisco, Calif., and 409 E. 3rd, Los Angeles, Calif.

335— Awls (Belt)
Braunsdorf-Mueller Co., Elizabeth, N. J.
Greene, Tweed & Co. ("Lathrop's"), 109 Duane, New York
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Manufacturers' Belt Hook Co. ("L-X", "Lothrop"), 1321 W. Congress, Chicago, Ill.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Osborne C. S. & Co., Box 183 Newark, N. J.
See adv index at end of book
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Swan James Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.

336-7— Awls (Brad)
Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Holt G. L. Co., Hartford, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
U. S. Needle Concern (Carpenters'), 912 W Madison, Chicago, Ill.

338— Awls (Harness, Etc.)
Peg Sewing, etc.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Dikeman Mfg. Co., Norwalk, Conn.
Lawton & Bushman ("Summers"), Burlington, Wis.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., 28 Warren, New York
Myers C. A. Awl Co. ("Wonderful" Sewing), 6316 University av, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Richard Stephen Co. (Peg Hafts), Southbridge, Mass.
Sargent & Co. (Peg), New Haven, Conn.
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stewart-Skinner Co. ("Speedy Stitcher"), Worcester, Mass.
Thornton John Jr. ("John Nichol's" Imp), 108 Worth, New York
Tuck Mfg. Co., Brockton, Mass.
U. S. Needle Concern (Drawing), 912 W Madison, Chicago, Ill.

Awls (Ice)
See Picks, Ice

339— Awls (Lime Hook)
Emrich Phil, 824 Main, Cincinnati, O.

340— Awls (Scratch)
Arcade Mfg. Co. (Wood Handle & "Serpentine"), Freeport, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buck Bros. Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. (Socket), 71 Murray, New York
Mayhew H. H. Co, Shelburne Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Plomb Tool Mfg. Co., 1119 Santa Fe, Los Angeles
Robinson M. W. Co. ("Robinson"), 296 B'way, New York
Sargent & Co., New Haven, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 H, B'way, New York, & 130H, Colt, Irvington, N. J.
See adv index at end of book
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.

341— Awning Fixtures
Hettrick Mfg. Co., Toledo, Ohio
Roe Justus & Sons ("Roe's" Roller), Patchogue, N. Y.
Wilcox, Crittenden & Co., Inc., Middletown, Conn.

342— Awning Fixtures (Blind)
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co. ("North"), Worcester, Mass.

343— Awning Stripes
Atlanta Tent & Awning Co. Atlanta Ga.
Barrell Wm. L. Co. 8 Thomas, New York
Columbian Mfg. Co., Greenville, N. H.
Falls Co., Norwich, Conn.
Gary James S. & Son, Equitable bldg, Baltimore, Md.
Glen Raven Cotton Mills, Glen Raven, N. C.
Hettrick Mfg. Co., Toledo, O.
Kneedler & Co., Eadom & Kennedy, Phila., Pa.

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AWNING STRIPES—continued
Mt. Vernon-Woodberry Mills, Inc., Cont bldg, Baltimore, Md.
Otis Co., Ware, Mass.
Texas Cotton Mill Co., McKinney, Tex.
Thorndike Co., Thorndike, Mass.
Warren Mfg. Co., Warren, Md.
Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.
White Bros., Winchendon Springs, Mass.

344—Awnings (Cast Iron & Steel)

Harry O K Steel Co. (Steel), 2333 Papin, St. Louis, Mo.
Lazar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York

345-6—Awnings (Corrugated Steel)

See also Cornices & Skylights

Canton Metal Ceiling Co., Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Decatur Cornice & Roofing Co., New Decatur, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 819 Lincoln pl, Brooklyn, N. Y.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
Harry O. K. Steel Works, Dallas, Tex.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
Illinois Art Metal Co., Springfield, Ill.
International Steel & Iron Co., Evansville, Ind.
Martin Metal Mfg. Co., Wichita, Kans.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Milwaukee Corrugating Co., Milwaukee, Wis.
New Orleans Roofing & Metal Co. ("Nola") Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Penn Metal Co., 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Republic Structural Iron Works Co., 1350 E 53rd, Cleveland, O.
St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
Smith, F. P., Wire & Iron Works, 2340-48 Clybourn av, Chicgo, Ill.
See adv index at end of book
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
Stoneman M. G. & Son, Albany, N. Y.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Corrugated Sheets Only), Wheeling, W. Va.

Awnings & Tents

See Tents, Contractors

347— Axe Mfrs.

American Axe & Tool Co., Glassport, Pa.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co. (Ship-Carpenters' Chopping, Dock, Turpentine, Steel Poll, Bitted & Double Bitted Axes), 119 Leonard, New York
C. A. C. Axe Co., Holbrook, Mass.
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn.
Damon Bros., Carmel, Me.
Dunn Edge Tool Co. ("Clipper," "Black Champion," "Aroostookaxe," "Victory," "Peerless," "Eaton" Patent Process, etc), Oakland, Me.
Emerson & Stevens Mfg. Co., Oakland, Me.
Evansville Tool Works, Evansville, Ind.
Hammond C. & Son, Ogontz, Pa.
Kelly Axe Mfg. Co. ("Kelly Perfect," "Flint Edge," "Vulcan"), Charleston, W. Va.
Kensington Hdwe & Tool Mfg. Co. (Cast Iron), 410 Mechanic, Germantown
King John, Oakland, Me.
Louisville Axe & Tool Co., Highland Park, Ky.
McKinnon Rockaway Axe Co., Rockaway, N. J.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mann Edge Tool Co., Lewistown, Pa.
Mann Jas. H. Co., Lewistown, Pa.
Marble Safety Axe Co., Gladstone, Mich.
North Wayne Tool Co. (Hand-made), Hallowell, Me.
Peavey Mfg. Co. ("Peavey" Chopping, Stamp Pole, Hunting, Last Block & Splitting, etc), Bangor, Me.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Fkd, Phila., Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Rixford Mfg. Co., East Highgate, Vt.
Romer Axe Co. ("Romer"), Dunkirk, N. Y.
Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
Warren Axe & Tool Co. ("Sager"), Warren, Pa.
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.
White G. Axe Co., Honesdale, Pa.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Witham G. S. & Son, Caratunk, Me.

348— Axes (Boys')

American Axe & Tool Co. ("Blood's Champion," "Usona," "Red Warrior," "Hurd," "Americanax," "Niagara," "Red Ridge," "Hubbard"), Glassport, Pa.
Evansville Tool Works, Evansville, Ind.
Mann Edge Tool Co. ("Diamond," "Red Top," "Mann's," Lewiston, Pa.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
Romer Axe Co. ("Faultless," "Lake City," "Romer," "Uncle Sam"), Dunkirk, N. Y.
Rubinow Edge Tool Works ("Empire," Republic"), 35 Vesey, Newark, N. J.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

349— Axes (Broad)

American Axe & Tool Co. ("Champion," "Diamond A," "Peerless," "Red Warrior," "Underhill," "Hurd," "Hunt"), Glassport, Pa.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Kelly Axe Mfg. Co. ("Kelly Perfect," "Flint Edge," "Vulcan"), Charleston, W. Va.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mann Edge Tool Co., Lewistown, Pa.
Peavey Mfg. Co., Bangor, Me.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
Romer Axe Co. ("Romer"), Dunkirk, N. Y.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

350— Axes (Firemen's)

American Axe & Tool Co. ("Hurd," "Blair," "Lippincott," "Underhill"), Glassport, Pa.
Black Jno. B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Hayward S. F. & Co., 250 W 54th, New York
Kelly Axe Mfg. Co. ("Kelly Perfect," "Flint Edge," "Vulcan"), Charleston, W. Va.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mann Edge Tool Co. ("Mann's"), Lewistown, Pa.
Rex-Harris Fire Appliance Co., 310 W 39th. New York
Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
Safety Fire Extinguisher Co., 295 7th av, New York
See adv index at end of book
Warren Axe & Tool Co. ("Sager"), Warren, Pa.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

351— Axes (Hunters')

American Axe & Tool Co. ("Americanax," "Hurd," "Blood," "Duquesne," "Hunt," "Underhill," "Redridge," "H. T. Miller's"), Glassport, Pa.
C. A. C. Axe Co. ("Damascus"), Holbrook, Mass.
Collins Co., Collinsville, Conn.
Dunn Edge Tool Co., Oakland, Me.
Evansville Tool Works, Evansville, Ind.
Grey Iron Casting Co., Mt. Joy, Pa.
Mann Edge Tool Co. ("Mann's"), Lewistown, Pa.
Marble Arms & Mfg. Co. ("Marble's" Handy, for Hunters, etc), Gladstone, Mich.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc.) ("Anchor"), Tucker & James, Phila., Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
Rubinow Edge Tool Works ("Empire," "Republic"), 35 Vesey, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Williams A. C. Co. (Cast Iron Only), Ravenna, Ohio
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

352— Axes (Ice)

American Axe & Tool Co. ("Underhill"), Glassport, Pa.
Black John B Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Collins Co., Collinsville, Conn.
Dernell H. F. Co., Athens, N. Y.
Evansville Tool Works, Evansville, Ind.
Gifford-Wood Co., Hudson, N. Y.
Romer Axe Co ("Romer" Handled), Dunkirk, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Warren Axe & Tool Co. ("Sager"), Warren, Pa.

353— Axes (Stone)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Warren Tool & Forge Co. (also With Teeth), Warren, O.
See adv index at end of book
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

354-5— Axes (Tobacco)

Bicknell Mfg. & Supply Co., Janesville, Wis
Mann Edge Tool Co. ("Mann's"), Lewistown, Pa.

Axle Lights (Electric)

See Car Lighting Apparatus

356— Axles (Automobile)

See also Axles, Carriage & Wagon; also Wheels & Axles, Ball & Roller Bearings
Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Billings & Spencer Co., Hartford, Conn.
Columbia Axle Co., 826 E 72d, Cleveland, O.
Commercial Drop Forge Co. (Rough), Warren, Pa.
Covert Motor Vehicle Co., Lockport, N. Y.
Detroit Axle Co., 231 16th, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Empire Axle Co. (For Motor Trucks), Dunkirk, N. Y.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Higgins Spring & Axle Co. (Truck & Trailers), Racine, Wis.
Heb L. Smelting & Refining Co., 1250 W 8th, Cincinnati, O.
Liggett Spring & Axle Co., Monongahela, Pa.
Martin Rocking Fifth Wheel Co. (Floating Bearing Trailer), 21 Besse pl., Springfield, Mass.
Mott Wheel Works, Jackson, Mich.
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa.
Ohio Forge Co. (Rough Only), Cleveland, O.
Park Drop Forge Co. (Steel), 760 E 79th, Cleveland, O.
Parry Mfg. Co., Indianapolis, Ind.
PRESTON MOTORS CORP. Front & 24th & 27th av. N., Birmingham, Ala.
See adv index at end of book
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Russel Motor Axle Co. (Motor Truck), Chene & B. L. R. R., Detroit, Mich.
Salisbury Axle Co., Inc. (Wheels & Axles), Jamestown, N. Y.
Sheldon Axle & Spring Co. (Motor Truck), Wilkes-Barre, Pa.
Standard Parts Co. (The), Cleveland, O.
Thomasville Iron Work, Inc., Thomasville, Ga.
Timken-Detroit Axle Co., Clark av, Detroit, Mich.
Torbenson Axle Co. C., 152nd, Cleveland, O.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissdale, Pa.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Warren Machine Products Co., Warren, Pa.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Tool & Forge Co. (Forged), Brackenridge, Pa.
Weston-Mott Co., Flint, Mich.
Williams J. H. & Co. (Front and Rear Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Willys Morrow Co., Inc. (Front & Rear), Dept. H., Elmira, N. Y.
Wyman-Gordon Co. (Front & Rear for Pleasure & Commercial), Worcester, Mass.

Axles (Ball or Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

357—Axles (Car & Locomotive)

See also Axles, Mine Car; also Axles, Street Car

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Car & Foundry Co. (Car, Locomotive & Mine Car), Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Car Only), Cleveland, O. *See adv index at end of book*
Bass Foundry & Machine Co. (Iron & Steel Car, Driving, etc), Fort Wayne, Ind.
Bethlehem Steel Co. (Nickel Steel, Car, Locomotive, etc), South Bethlehem, Pa.
Boston Forge Co. (Tender, Truck & Driving), E. Boston, Mass.
Bradley Osgood Car Co., Worcester, Mass.
Cambria Steel Co., Widener bldg, Phila, Pa.
Camden Forge Co. (Locomotive), Camden, N. J.
Carbon Steel Co. (Nickel Steel Car, Locomotive, etc)), ft. 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Car, Locomotive, etc), Carnegie bldg., Pittsburgh, Pa.
Empire Axle Co. (Rear Worm Drive for Motor Trucks), Dunkirk, N. Y.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Johnson J. R. & Co., Richmond, Va.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Keystone Axle Works, 33d & A-V R R, Pittsburgh, Pa.
Kilby Car & Foundry Co., Anniston, Ala.
Maclede Steel Co., Arcade bldg, St. Louis, Mo. Forge Wks., E St. Louis, Ill.
Liggett Spring & Axle Co., Monongahela, Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Crucible Steel Co. (Steel), Midland, Pa.
Pittsburgh Forge & Iron Co. (Locomotive, Car, etc), Chamber of Commerce bldg, Pittsburgh, Pa.
Pollak Steel Co (Car, Locomotive & Driving), 386 W 71st, Carthage, Cincinnati, O.
Pressed Steel Car Co. (Electric & Steam Railway Car, Industrial & Mine), 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works (Car), Knoxville, Tenn.
Sizer Forge Co. (Locomotive, Car, etc), 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Standard Steel Works Co. (Locomotive), Morris bldg, Phila., Pa.
Torbenson Axle Co. E., 152nd, Cleveland, O.
Union Iron Works (Car), Hoboken, N. J.
Willard Sons & Bell Co., 3044 98th, Chicago, Ill.

358—Axles (Carriage & Wagon)

See also Axles, Automobile

American Axle Works, 12th & Montgomery av, Phila., Pa.
Bailey S. R. & Co. (For Own Use), Amesbury, Mass.
Concord Axle Co. (& Wagon, also Brown's Roller Bearing Axles), Penacook, N. H.
Drugger & Goshorn (Hickory, Wagon), Memphis, Tenn.
Drummond Mfg. Co., Louisville, Ky.
ELECTRIC WHEEL CO. (Wagon Axles Only), Station D, Quincy, Ill. *See adv index at end of book*
Gardner E. J. Axle & Machine Co., Carlisle, Pa.
Hay, Houston Axle Co., Coshocton, O.
Higgins Spring & Axle Co., Racine, Wis.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Keagy & Lear Machine Co., Coshocton, O.
Keystone Axle Works, 33d & A V R R, Pittsburgh, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, O.
Meeker Mfg. Co. (Ball Bearing), Dayton, Ohio
Mott Wheel Works, Jackson, Mich.
National Tubular Axle Co., Emigsville, Pa.
St. Louis Axle Co., La Salle W of Jefferson, St. Louis, Mo.
Sheldon Axle & Spring Co. ("Anchor," "Dragon," "Empire," "Ton-Don," Ball Bearing), Wilkes-Barre, Pa.
Standard Parts Co. (The), Cleveland, O.
Union Drop Forge Co., 353 W Grand av, Chicago, Ill.
Wood, Smith & Co., Chicago Heights, Ill.
Wurster F. W. & Co., 375 Kent av, Brooklyn, N. Y.

359—Axles (Children's Carriage)

Wagner E. R. Mfg. Co., North Milwaukee, Wis.

360— Axles (Mine Car)

See also Axles, Car & Locomotive; also Wheels, Mine Car

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
Driggs-Seabury Ordnance Co., Sharon, Pa.
Fleming J. R. & Son Co., Scranton, Pa.
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
Gustafson Mfg. Co., Chattanooga, Tenn.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Pennsylvania Carting & Machine Co., (& Mine Locomotive), 501 Preble, Pittsburgh, Pa.
Pittsburgh Ridge & Chateau Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Watt Mining Car Wheel Co., Barnesville, Ohio
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

Axles (Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

361— Axles (Steel Truck)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Hammond Steel Co., Inc., Syracuse, N. Y.
Standard Parts Co., Cleveland, Ohio
WILLIAMS J. H. & CO. (automobile drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

362— Axles (Street Car)

See also Wheels, Street Car; also Trucks, Car, Steam & Electric

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62nd & Woodland av, Philadelphia, Pa.
Cambria Steel Co., Widener bldg, Phila.,
Camden Forge Co., Camden, N. J.
Pa.
Carbon Steel Co., ft of 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Laclede Steel Co., Arcade bldg., St. Louis, Mo.
Pittsburgh Forge & Iron Co. (Hammered), Chamber of Commerce bldg, Pittsburgh, Pa.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
St. Louis Car Co., 8000 N Broadway, St. Louis, Mo.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Standard Steel Works Co., Morris bldg, Phila., Pa.
Taylor Electric Truck Co., ("Taylor" forged), Troy, N. Y.
Union Drawn Steel Co., Beaver Falls, Pa.

362a— Axles (Tractor)

Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
Standard Parts Co., Cleveland, O.

362b— Axles (Trailer)

Standard Parts Co., Cleveland, O.

363— Axles (Vanadium Steel)

ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Vanadium Corp. of Am., Equitable bldg, New York
Williams J. H. & Co. (Drop-Forged), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

364—Axles & Shafts (Hollow)

Bay City Forge Co., 1820 Cranberry, Erie, Pa
Bethlehem Steel Co., South Bethlehem, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Laclede Steel Co., Arcade bldg., St. Louis, Mo.
POLLAK STEEL CO., THE, 386 W. 71st, Carthage, Cincinnati, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.

365— Azotine

White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wuichet Fertilizer Co., Dayton, O.

366— Babbitt Metal

See also Bearings of Various Kinds

ALABAMA.

BIRMINGHAM—Ajax Metal Co. (of the South)
MONTGOMERY — Janney & Company
Janney & Co. (Monarch Ball)

CALIFORNIA.

LOS ANGELES — Los Angeles Smelting Co., 739 N Main
SAN FRANCISCO—Am. Smelters Securities Co., 201 1st, San Francisco, Cal.
Atlas Brass Works, 612 Bryant.
Atlas Brass Works, 431 Folsom
Finn Jno. Metal Works, 384 2d
Garratt W. T. & Co., 299 Fremont
Great Western Smelting & Refining Co., 75 Folsom
Pacific Metal Works, 153 1st
Selby Smelting Works, 201 1st

COLORADO.

DENVER—Slack-Horner Brass Mfg. Co.
Metals Product—Wensley Lead Co.
TRINIDAD—Trinidad Foundry & Machine Works
DENVER—Wensley Metals Products Co.

CONNECTICUT.

BRIDGEPORT — Bridgeport Deoxidized Bronze & Metal Co.
Jacob Bros.
Sanford David C. Co.
HARTFORD—Blake Edwin J.
NEW HAVEN—Graham Jas. & Co.
United Smelting & Aluminum Corp. ("U. S. A. Havabar," "U. S. A. Long Life," "U. S. A. Lodestan," "U. S. A. Special," "U. S. A. Elm City"), 183-189 Commerce
GEORGIA—
ATLANTA—Cotton States Belting & Supply Co.

ILLINOIS.

AURORA—Aurora Metal Co. (Brand "R. R.")
CHICAGO—Besley Chas. H. & Co. ("Helmet"), 120 North Clinton. Works: Beloit, Wis.
Birkenstein S. & Sons, 377 W Ontario
Blancke A. C. & Co., 602 W Lake, Lancaster Co.
Blatchford E. W. Co., 230 N Clinton
Channon H. Co. ("Onoko"), 150 N Market
Chicago Journal Bearing Co., 519 W Vanburen
Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Eagle Picker Lead Co. (The), ("Ewlco"), 208 S La Salle
Gardiner Metal Co., 1364 W Lake
Great Western Smelting & Refining Co., 4100 Wallace
Gump B. F. Co., 431 S Clinton
Illinois Smelting & Refining Co., 410 N Peoria
KRAMER H. & CO., Loomis & 21st pl
Merchant & Evans Co. (of Philadelphia, Pa.), 347 Sheldon
Metals Refining Co., Inc. (Owl), Edison bldg, Ill.
Monarch Metal Co., 119 S Lincoln
Murphy Metal Co., 327 S La Salle,
Paragon Metal Co., 3050 S Ashland av
Raymond Lead Works (Aluminum Copper, etc.), 735 S Washtenaw av
Sandoval Zinc Co., 410 N Peoria *See adv index at end of book*
Staplin & Smith (High Speed Copper & Aluminum Nickel), 359 W Austin
West Side Metal Refining Co., 1447 S Sangamon

INDIANA.

EAST CHICAGO—U. S. Reduction Co. ("Advance")
INDIANAPOLIS—Zenite Metal Co.

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co.

KENTUCKY.

LOUISVILLE—Belknap Hdw. & Mfg. Co.

LOUISIANA.

NEW ORLEANS—Woodward, Wight & Co., Ltd. ("Strength & Wear"), Howard av & Constance

MARYLAND.

BALTIMORE—Maryland Brass & Metal Works), Calvert & Federal
Merchant & Evans Co. (of Phila., Pa.), 232 St. Paul
Schultz A. G. & Co. ("Eureka"), 114 E Lombard

MASSACHUSETTS.

BOSTON—Blaney Cyril C., 16 Kingston
Chadwick-Boston Lead Co., 162 Congress
Eastern Metal & Refining Co., 121 Beverly
Herrick Co., 49 Broad
Richards & Co., ("Richards"), 192 Beverly
Star Refining Co., 116 W First
FITCHBURG—Hardy William A. & Sons Co. ("S. S." Metal), 113 Water
Welch E. J. & Co.
LAWRENCE—Gallison F. L.
WALTHAM—Waltham Foundry Co.

MICHIGAN.

DETROIT—Bostwick Jas. M. C., 372 Abbott
Hewitt Sales Co., 1325 12th
Jacobson I. M. & Sons Co. ("Motex"), 70 Catherine
Magnus Co., 945 Griffin
(Tungsten Copoloy Bearing Metal), 1695 Jos. Campau
Michigan Smelting & Refining Co. (Tungsten Copoly Bearing Metal), 1695 Jos. Campau
*Mogul Metal Co., 535 Larned W., Dept. H.
Muzzy-Lyon Co., Ltd., 535 Larned W.
Wing J. T. & Co., 19 Woodward av
GRAND RAPIDS—Hayden J. M. Co. ("Globe")
KALAMAZOO—New Era Mfg. Co. ("New Era" White Bronze)
LAURIUM—Lake Superior Brass Foundry Co. ("C. & H.")

MINNESOTA.

DULUTH—Duluth Brass Works Co. (Round & Hexagon Stick Brass & Specialty)
ST. PAUL—Northwestern Shot & Lead Works, 90 Fairfield av W

MISSOURI.

KANSAS CITY—Merchant & Evans Co. of Phila., Pa.), 2008 Baltimore av
Rogers Metal Works
ST. LOUIS—Eureka Brass Co., 601 Red Bud av
Gilbert A. & Sons Brass Foundry Co. ("C" Nickel, "I" Anti-Friction), 4019 Forest Park blk
Hiertz Theo. Metal Co. ("Nonpariel"), Alaska & Tesson
Hoyt Metal Co., Boatmen's Bank bldg
More-Jones Brass & Metal Co. ("Hoo-Hoo," "Universal," "Nickel" Aluminum, Extra, "Motor," "Armature," "Improved," "Crescent," "Red," "Regent"), B'way & Dock
Rumsey L. M. Mfg. Co., 4372 Westminster

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co. ("Perfection")
Canfield M. C. Sons Co., 93 Wilsey, Newark, N. J.
GLEN RIDGE—Benson H. K. & F. S. ("B. & M.")
HARRISON—Allan A. & Son ("Allan" Red Anti-Friction Metal), 6th & Bergen
HOBOKEN—Lehman Bros.
JERSEY CITY—Brady Brass Co. ("Cyprus"), 170 14th
Williams E. A. & Son, 109 Plymouth
NEWARK — Union Smelting & Refining Co. Inc., St. Charles
RIVERSIDE—Riverside Metal Co.

BABBITT METALS

UNION SMELTING & REFINING CO., INC.

New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

NEW YORK.

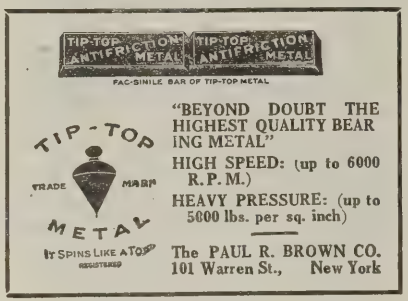
BUFFALO LUMEN BEARING CO. (Genuine Branded), 200 Lathrop
See adv index at end of book
Runskool Metal Co., 1095 Niagara
LOCKPORT—Electric Smelting & Aluminum Co.

NEW YORK CITY.
Borough of Brooklyn.

BROOKLYN—Brooklyn Alloys Co., 17 Walton
Continental Metal Co., 57-61 Richards, B'klyn, N. Y.
Continental Metal Co., 57-61 Richards
Fidelity Metal Co., 192 Diamond
Henning V. & Sons, 330 Belmont av
Improved Appliance Co., 413 Kent av
Kahn Bros. ("Reliable"), 785 Humboldt
McLaughlin's Sons Co., 230 N 12th
Pan Amer. Smelting Works, Calyer & Moultrie
United American Metals Corpn. (Syracuse Smelting Works Subsidiary) ("Stanley Process" & "Syracuse Brand"), 192 Diamond

Boroughs of Manhattan and Bronx.

NEW YORK—AMALGAMATED METALS SELLING CO., LTD., 42 B'way
Bronze Metal Co., 30 Church
Brown Paul R. Company ("Champion," "Hercules," "Tip Top"), 101 Warren
See adv index at end of book



Columbia Smelting & Refining Works, 366 West
Eagle Smelting & Refining Works, 223 Broadway
Fahrig Metal Co. ("Fahrig" Anti-Friction), 34 Commerce
Fairbanks Co. ("Fairbanks"), 416 Broome
London & Sack, 259 Front
Lubricating Metal Co. ("Noheet"), 2 Rector
Magnolia Metal Co., 113 Bank
See adv index at end of book

MAGNOLIA METAL

STANDARD BABBITT OF THE WORLD



Lowest frictional coefficient; absorbs less power; wears longer; saves oil, fuel, metal cost of rebabbitting, etc.

Magnolia Metal Co.

NEW YORK CHICAGO MONTREAL

Merchant & Evans Co. (of Phila., Pa.), 242 Water
Nassau Smelting & Refining Works ("Edison" & "Monarch"), 603 W 29th
National Lead Co. ("Dutch Boy Phoenix"), 111 B'way
North American Copper Co., 52 Vanderbilt av, New York
Post E. L. & Co. ("Post's Zero"), 50 Cliff
Union Smelting & Refining Co., Inc. ("Usarco," "Record," "Union Special," "Union Economy," "Copper Hardened," "Armature," "Naval Nickel"), 63 Park Row
See adv index at end of book
United Lead Co., 111 B'way

Borough of Queens.

LONG ISLAND CITY—Central Smelting & Refining Co., Borden av & Hayward
Leddell Metals Co. ("Bee"), 281 Borden av
Lissberger Marks & Son ("Semper Idem," "Bestmetal," "Everlasting," Improved Anti-Friction, "Competitor," "Star"), 281 Borden av
(End of New York City)
ROCHESTER—Atkinson Co. ("Plata," "Superior," "Genuine," "Standard" & "Gas Engine")
Coates, Bennett & Reidenbach
Rochester Lead Works
Wray Henry & Son
SYRACUSE—Empire Metal Co.

OHIO.

Cincinnati Metal Refining Co., 1314 Dayton
Edna Brass Mfg. Co. ("Porteous," Grafite), 525 Reading rd
National Lead Co. (of New York), 659 Freeman av
Wolff L. A. Metal Works, 1257 Harrison av
Wolff Metal Co., 1803 John
CLEVELAND—Cleveland Alloys Co. ("Prize Ribbon," "Golden Grain," "Sham-Rock," "Velvet," "Nugget," "Lucky Strike"), Elm & Superior
Metal Sales Co. ("Renown")
National Copper Refining Co., 7003 Quincy
National Lead Co., 637 Champlain av, N W
COLUMBUS—Ohio Metal Co. ("Betarbest"), 1137 N 4th
DAYTON—Buckeye Iron & Brass Works (High Grade)
ELYRIA—American Crucible Furnace Co. ("Promet"), Dept. H.

OREGON.

PORTLAND—Multnomah Metal Wks.
Pacific Metal Works

PENNSYLVANIA.

CHESTER—Crown Smelting Co.
CONNELLSVILLE—Riverside Metal Refining Co. (Bessemer, "U. S. Standard").
Elmore, Water D., Bessemer bldg, Pittsburgh, Pa.
ERIE—Erie White Metal Co.
LANCASTER—Raub Supply Co.
MANHEIM—Bond Foundry & Machine Co., Lancaster
NEW CASTLE—Douds Frank C. & Co. (Mica)
JOHNSON BRONZE CO.
NORTH EAST—Eureka Co. ("Eureka")
PHILADELPHIA — Ajax Metal Co. ("Ajax," "Ajax Mitifine," "Ajax Tinite," "Ajax Copper Hardened," "Ajax Genuine," "Ajax Armature," "Ajax Bull," "Ajax Plumbite"), 46 Richmond
Am. Manganese Bronze Co., 3501 Rhawn
Bond Chas. Co., 617 Arch
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball
Delaware Metal Refinery, Washington & 18th
Fergusson Alex C. Jr., 474 Chestnut
See adv index at end of book
Goldstein's L. Sons, Allegheny blk, Richmond
Hagstoz T. B. & Son, 709 Sansom
Lewis John T. & Bros. Co., Lafayette bldg
Lukens Thos. F. Metal Co. ("Lumeco," "Viking," "Queen Bee"), 1105 Fairmont av
Merchant & Evans Co. ("Universal," "Iridum" and Silver Genuine), Washington av & 21st
North American Smelting Co. ("Vulcan"), 9th & Thompson
Penn Smelting & Refining Works, 906 Filbert
Reeves Paul S. & Co., 1415 Catherine
Rosenthal's Joseph Sons, 190 W Berks
U. S. Smelting Works, 1615 Spring Garden
Woodfall Bros., 1105 Fairmont av
PITTSBURGH—Cadman A. W. Mfg. Co. ("Acorn" Aluminum), 2816 Smallman
Colonial Supply Co., 217 Water
See adv index at end of book
Damascus Bronze Co. ("Damascus," "Globe," "Larsons"), N. S.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson
See adv index at end of book
Keystone Bronze Co., 39th & A. V. R. R.
Lawrenceville Bronze Co., Bessemer bldg
Murdock A. & Co., Lailor bldg
National Lead & Oil Co. (of Pa.), Commonwealth bldg
Penna. Smelting Co., First National Bank bldg
Pittsburgh Brass Mfg. Co. ("Mansfield"), Penn & 32nd.
Pittsburgh Gage & Supply Co. ("Paramount," "Copper Alloy"), 30th & Liberty av
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R.
Pittsburgh White Metal Co., 3116 Penn av
Turner C. A., 3rd & Chauncery
Vanadium Metals Co., Vanadium bldg
POTTSTOWN—Light Mfg. & F'dry Co. ("Automobile Brand")
READING—Am. Boron Products Co., 686 Court
READING—Excelsior Brass Works
SCRANTON—Everhart Brass Works

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co. (Special Anti-Friction)

TENNESSEE.

CHATTANOOGA—Frictionless Metal Co.

VIRGINIA.

RICHMOND—Glacier Metal Co., Hull & 22d
Smith-Courtney Co. ("Dixie Antifriction")

WASHINGTON.

SEATTLE—Finn Jno. Metal Works
TACOMA—Puget Sound Metal Works

WEST VIRGINIA.

WHEELING—Wheeling Metal & Mfg. Co.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.)

WISCONSIN.

APPLETON—Carson-Rowell & Co. (Crucible Copper Carbon Metals)
MILWAUKEE—Crown Metal Co., 259 Washington
Milwaukee Tack Co. ("Misco"), 27th & Wahl av
Progressive Metal & Refining Co., 432 Barclay
NEENAH—Neenah Brass Works

Babbitt Metal Melters

See Furnaces, Babbitt Melting

367— Back Bands (Horse)

Couch Bros. Mfg. Co. ("Boss," "Number Ten," "H. & A.," "Gurly Web"), Atlanta, Ga.

368— *Backs (Brush)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

368a— Backs (Calendar)

Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
General Advertising Co. (Metal), Reading, Pa.
National Art Works ("Brass Etch"), Covington, Ky

369— *Backs (Hand Mirror)

Delaware Hard Fibre Co. (Fibre), Wilmington, Del.
See adv index at end of book

370—*Backs (Picture Frames)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Delaware Ha rd Fibre Co. (Fibre), Wilmington, Del.
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

371—Backs (Steel, for Brake Beams)

Davis Brake Beam Co., Johnstown, Pa.
Hammond Steel Co., Inc., Syracuse, N. Y.

372—*Backs (Thermometer)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

373—Bacteriological Apparatus

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Bausch & Lomb Optical Co., Rochester, N. Y.
Castle Wilmot Co., Rochester, N. Y.
Leny Apparatus Co., 9 E 16th, New York
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

374— Badges & Emblems

Ajax Badge Co., Kansas City, Mo.
Am. Badge Co. (Celluloid Metal Ribbon), 143 W Austin av, Chicago, Ill.
Am. Emblem Co., 333 Columbia, Utica, N. Y.
Arlington Works (The), (E. I. du Pont De Nemours Co), 21 E 40th, New York
Artistic Metal & Badge Co., 1 Beekman, New York
Bainbridge Chas. J., Syracuse, N. Y.
Bennett F. L. & Co., Rochester, N. Y.
Bernhard F. A. & Co. (Flags, etc.), 275 W 23rd, New York
Blackinton V. H. & Co., Attleboro Falls, Mass.
Boston Badge Co., 294 Washington, Boston, Mass.
Braxmar C. G. Co., 10 Maiden la, New York
Brophy Chas. A., 33 Eddy, Aurora, Ill.
Brown Wm. R. Co., 33 Eddy, Providence, R. I.
Brunt Walter N., 880 Mission, San Francisco, Cal.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Cincinnati Regalia Co., 4th & Elm, Cincinnati, Ohio
Colorado Badge & Nov. Co., Denver, Colo.
De Moulin Bros. Co., Greenville, Ill.
Dickey Grabler Works, of the Bankers Savings & Credit System Co. W Madison & 103rd, Cleveland, Ohio
Dunn J'lry Co., 82 Nassau, New York
Eagle Badge & Button Co., 217 Grand, New York
Eagle Regalia Co., 115 Nassau, New York
Empire Nov. Co., 3546 S 5th av, Chicago, Ill.
Evans & Convery, 24 N 6th, Phila., Pa.
Geraghty & Co., 305-37 W Lake, Chicago, Ill.
Gibson A. C. Co., Buffalo, N. Y.
Goodell Jas. M. Jr., Inc., 150 N Loraine av, Chicago, Ill.
Handley & Co., 50 John, New York
HANSON C. H. CO., THE, 178 N Clark, Chicago, Ill.
Harris Benj Co., 229 Bowery, New York
Helwig Wm. & Co., Cincinnati, O.
International Register Co. ("Heeren"), 15 Throop, Chicago, Ill.
Interboro Metal & Badge Co., 16 Maiden lane, New York
Irvine & Jackens, 1027 Market, San Francisco, Cal.
Johnson Arthur & Co., 45 John, New York
Kasper Stamp & Seal Co., 1103 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keene, Chas, A., 180 B'way, New York
Klimpf Metal Co., 14 John, New York
Koch Gustav & Co., 120 S Clark, Chicago, Ill.
Louisiana Metal Cabinet Works (Metal Emblem), New Orleans, La.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market San Francisco, Cal.
Mulhaupt F. Joseph, Lafayette, Ind.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Pasquale, B. Co., Inc., 115 Post, San Francisco, Cal.
Pilgrim Specialty Co., Malden, Mass.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Reading Ribbon Badge Co. (Celluloid & Ribbon), Reading, Pa.
Riley-Klotz Mfg. Co. (Badges & Mountings), 17 Mulberry, Newark, N. J.
Robbins Jno. Mfg. Co., 58 Kneeland, Boston, Mass.
Schlechter Edw. H., Allentown, Pa.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Sommer Badge Mfg. Co., Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Standard Emblem Co., 1 Madison av, New York
Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.
Stoll Robt., 12 John, New York
Union Emblem Co., Palmyra, Pa.
Ward-Stilson Co., Anderson, Ind.
Waterbury Button Corporation (Numbered Metal, Convention, Military, Hat, etc.), 831 S Main, Waterbury, Conn.
See adv index at end of book
Western Badge & Button Co., Los Angeles, Cal.
Western Badge & Nov. Co., St. Paul, Minn.
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Winship Chas. A. & Co. (Secret Society), 159 N State, Chicago, Ill.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

375— Bags (Air Tube)

Empire Tire & Rubber Corp., Trenton, N. J.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

376— Bags (Bat & Uniform)

Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.

377— Bags (Bill Posters')

Excelsior Bag & Mfg. Co., Troy, N. Y.

377a— *Bags (Bowling Ball)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

377b— Bags (Burlap)

Feitel Dan W. Bag Co., New Orleans, La.
Fulton Bag & Cotton Mills, Dept H, Atlanta, Ga.
Phila. Bag Co., 84 Tasker, Phila., Pa.
Ross Wm. & Co., 407H N Peoria, Chicago, Ill.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

378— Bags (Canvas)

Aronoff, Joseph J., Trenton, N. J.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Iden Wm. A. Co., 564 Washington Blvd, Chicago, Ill.
Hettrick Mfg. Co., Toledo, Ohio
Porter Safety Seal Co., 1634H W Harison, Chicago, Ill.
STANLEY, WM. W. (Waterproof, also in heavy canvas for shipping & samples, also specialties made to order), 50 Church, New York

378a— Bags (Carbon)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

379— Bags (Carryall)

Draper Maynard Co., Plymouth, N. H.
Effbee Co., 306 S Franklin, Chicago, Ill.
Union Bag & Paper Corp. ("Union" Paper), 233H Broadway, New York

380—Bags (Cement, Plaster, Etc.)

Adams Bag Co. (Paper), 1900 Euclid av, Cleveland
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Chatfield & Woods Co. (Paper), 3d & Plum, Cincinnati, O.
Cleveland-Akron Bag Co. ("Saxolin" Paper), Cleveland, O.
Continental Paper Bag Co. (Paper), 18 E 40th, New York
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
George & Sherrard Paper Co. (Paper), Wellsburg, W. Va.
Jaite Company (Paper), Jaite, O.
Milwaukee Bag Co. (Paper), 206 S Water, Milwaukee, Wis.
Phillips Thos. Co. (Paper), Akron, O.
Riegel Sack Co., 8 W 40th, New York
Royal Mills (Cloth, Cement), Charleston, S. C.
Taggart Bros. Co., Watertown, N. Y.
Tarentum Paper Mills (Paper), 2d Natl. Bk. bldg. Pittsburgh, Pa.
Union Bag & Paper Corp. (Paper), 233H Broadyway, New York
UNION PAPER & TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
VALVE BAG CO. OF AMERICA (Paper), 3440-3444 Summit av, Toledo, O.
See adv index at end of book
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book
West Jersey Paper Mfg. Co. ("Wethrprufe" Paper), Camden, N. J.

381— Bags (Clothes Pin)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bridgeport Wire Goods Co., East Port Chester, Conn.

A Guide to Bag Buyers—

For

BETTER BUILT BAGS

See

WERTHAN BAG CO.

NASHVILLE, TENN.

Manufacturers and Importers of

BURLAP AND COTTON BAGS

Factories

ST. LOUIS
HOUSTON
NASHVILLE

Warehouses

MINNEAPOLIS
DENVER
DETROIT

BAGS (CLOTHES PIN)—continued
Cleveland Akron Bag Co., Cleveland, O.
Excelsior Bag & Mfg. Co. ("Excelsior," "Handy"), Troy, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hettrick Mfg. Co., Toledo, Ohio

382— Bags (Coal & Coke)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
American Bag Co., 3rd & Harrison, Oakland, Cal.
American Commercial Corp. (Canvas), 120 Broadway, New York
Aronoff Joseph J., Trenton, N. J.
Atlanta Tent & Awning Co., Atlanta, Ga.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 18 E 40th, New York
Coye Charles A. (Canvas), Grand Rapids, Mich.
Daniels C. R., Inc., 115 South, New York
Excelsior Bag & Mfg. Co. ("Excelsior" Canvas), Troy, N. Y.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hettrick Mfg. Co., Toledo, O.
Hooper Wm. E. & Sons, 3502 Parkdale av, Baltimore, Md.
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Iden Wm. A. Co. (Coal), 564 Washington Blvd, Chicago, Ill.
Klein Max, 38 Park Row, New York
Lane W. T. & Bro. (Canvas), Poughkeepsie, N. Y.
Meyer L. M. & Co., Springfield, Mass.
Mills Andrew & Sons, 53 South, New York
Morris & Co. (Cotton Duck), Groveville, N. J.
Phillips Thos. Co., Akron, O.
Sackett H. B. Screen & Chute Co. (Canvas, etc), 1691 Elston av, Chicago, Ill.
Taggart Bros. Co., Watertown, N. Y.
Textile Products Mfg. Co., Park av & Dolman, St. Louis, Mo.
Union Bag & Paper Corp. (Paper), 233H Broadway, New York

383— Bags (Coffee)

American Bag Co., 3rd & Harrison, Oakland, Cal.
Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.
Chase H. & L. Bag Co., 8 N. Main, St. Louis, Mo.
Continental Paper Bag Co. (Paper), 18 E 40th, New York
Fulton Bag & Cotton Mills (Urn), Atlanta, Ga.
Halsted E. S. & Co. (Burlap), 64 Pearl, New York
Klein Max, 38 Park Row, New York
Lawson Jacob Bag Co. (Burlap), 264 Water, New York
Logie James & Co. (Imp Burlap), 42 B'way, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Union Bag & Paper Corp. (Duplex Fibre & Duplex Kraft Paper), 233H Broadway, New York

384— Bags (Coin & Bond)

Aronoff Joseph J., Trenton, N. J.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Fulton Bag & Cotton Mills (Co ta, Ga.
Golden Belt Mfg. Co. (Coin), Durham, N.C.
Hettrick Mfg. Co., Toledo, Ohio
Milwaukee Bag Co. (Coin), 206 S Water, Milwaukee, Wis.
Porter Safety Seal Co. (Coin), 161H W. Harrison, Chicago, Ill.
Warren Leather Goods Co., Worcester, Mass.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

385— *Bags (Coke, Paper)

Taggart Bros. Co., Watertown, N. Y.
UNION PAPER & TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Bags (Cotton)

See Bags and Bagging

386— Bags (Cotton Pick)

Atlanta Tent & Awning Co. (Cotton), Atlanta, Ga.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hettrick Mfg. Co., Toledo, Ohio
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

387— Bags (Feed)

Bemis Bro. Bag Co. (Cotton & Jute), 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 18 E 40th, New York
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Klein Max, 38 Park Row, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, N. Y.
Union Bag & Paper Corp. (Paper), 233H Broadway, New York
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book

388— Bags (Filter)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.
Cleveland-Akron Bag Co., Cleveland, O.
Filter Fabrics (For Every Type of Filter), Salt Lake City, Utah
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
National Sales Co. (Imp.), 31 E 13th, av, Cleveland
STANLEY WM. W. (all Varieties), 50 Church, New York

389— Bags (Flour)

Adams Bag Co. (Paper only), 1900 Euclid av, Cleveland
Bemis Bros. Bag Co. (Paper), 601 S 4th, St. Louis, Mo.
Crunden, Martin Mfg. Co. ("Diamond"), 2d & Gratiot, St. Louis, Mo.
nati, Ohio
Diem & Wing Paper Co., Gilbert av, Cincinnati, O.
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills (Paper), Atlanta, Ga.
Harrisburg Bag & Box Co. (Paper), Harrisburg, Pa.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Phila. Lancaster Bag Co. (Paper), Dept. H, Water & Tasker, Phila., Pa.
Phillips Thos. Co. (Heavy Paper), Akron, O.
Riegel Sack Co., 8 W 40th, New York
Taggart Bros. Co., Watertown, N. Y.
Union Bag & Paper Corp. (Paper), 233H Broadway, New York
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book

390— Bags (Gas Engine)

Davol Rubber Co., 69 Point, Providence, R. I.
Hodgman Rubber Co., 8 W 40th, New York
Mulconroy Co., 54th & Jefferson, Phila, Pa.
U. S. Rubber Co., 1790 Broadway, New York

391— Bags (Gas Main)

Behringer Edw. A. Inc. ("Endurance"), 98 Park Pl, New York
U. S. Rubber Co., 1790 Broadway, New York

392— Bags (Golf)

Boyle John & Co., 112 Duane, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Crawford, McGregor & Canby Co., Dayton, O.
Hill Richard F. Mfg. Co., 219 High, Newark, N. J.
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Spalding A. G. & Bros., 128 Nassau, N. Y.
Victor Sporting Goods Co., Springfield, Mass.
Warren Leather Goods Co., Worcester, Mass.
Wilson Thos. E. & Co., 729 N Sangamon, Chicago, Ill.

392a— Bags (Grain)

American Bag Co., 3rd & Harrison, Oakland, Cal.
Atlanta Tent & Awning Co., Atlanta, Ga.
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Moore Geo. A. & Co., 212 California, San Francisco, Cal.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

393— Bags (Grease)

Allen Auto Specialty Co., 16 W. 61st, New York
Continental Paper Bag Co., 18 E 40th, New York
Detroit Leather Wks., 683H E. Lafayette, Detroit, Mich.
Economy Stay Co. (Leather), Jefferson City, Mo.
Gilbert Mfg. Co., New Haven, Conn.
Hager Chas. & Son, 1876 Broadway, New York
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
Sutherland F. L. Co., 139 Beaubien, Detroit, Mich.

394— Bags (Hardware)

Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Continental Paper Bag Co., 18 E 40th, New York
Fulton Bag & Cotton Mills (Paper), Atlanta, Ga.
Lawson Jacob Bag Co., 264 Water, New York
Union Bag & Paper Corp. (Paper), 233H Broadway, New York

395— Bags (Hat)

Continental Paper Bag Co., 18 E 40th, New York
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Union Bag & Paper Corp. (Paper), 233H Broadway, New York
UNION PAPER & TWINE CO., 129 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

396— Bags (Horse Feed)

Cleveland-Akron Bag Co., Cleveland, O.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hettrick Mfg. Co., Toledo, Ohio
Langstroth T. W., 77 Warren, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

396a— Bags (Ice)

Werthan Bag Co. (Burlap), 12th & Clinton, Nashville, Tenn.
See adv index at end of book

396b— Bags (Inner Tube)

Allen Auto Specialty Co., 16 W 61st, N. Y.
Atlas Specialty Mfg. Co., 219 N Michigan, Chicago, Ill.
B. E. Mfg. Co., 44 B'way, New York
Dafoe-Eustice Co., 34 E Jefferson av, Detroit, Mich.
Empire Rubber & Tire Corp., Trenton, N. J.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gilbert Mfg. Co., New Haven, Conn.
Hopewell Bros., Watertown, Mass.
Nathan Novelty Mfg. Co., 84 Reade, N. Y.
Ohio Top Co., 909 B'way, Cincinnati, O.

397— Bags (Laundry)

A. & E. Leather Goods Co., 362 5th av, **New York**
Boyle John & Co., 112 Duane, New York
Continental Paper Bag Co., 18 E 40th, New York
Daniels C. R., Inc., 115 South, New York
Excelsior Bag & Mfg. Co., Troy, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Galewski A. & Son, 453 Broome, New York
Headley & Farmer Co, Newark, N. J.
Lanz, Owen & Co., 392 Florida, Milwaukee, Wis.
Queen Mfg. Co. (Also Fixtures), 313 S Clinton, Chicago, Ill.
Stanley Wm. W. (Canvas), 50 Church, New York
Warren Leather Goods Co., Worcester, Mass.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

398— Bags (Leather)

Aronoff Joseph J., Trenton, N. J.
Boyle Jno. & Co. (For Railroad Service, etc) 112 Duane, New York
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.

398a— Bags (Lime)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
Fulton Bag & Cotton Mills (& Plaster), Atlanta, Ga.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

399— Bags (Mail)

American Commercial Corp. (Government Standard Office, etc), 120 Broadway, New York
Aronoff Joseph J. (Office & Letter Carrier), Trenton, N. J.
Boyle Jno. & Co., 112 Duane, New York
Excelsior Bag & Mfg. Co., Troy, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hooper Wm. E. & Sons Co. (Government Standard), 3502 Parkdale av, Baltimore, Md.
Humphry's R. A. Sons (Also Money), 1021 Callowhill, Phila., Pa.
Post Frederick Co., 319 S Wabash av, Chicago, Ill.
Union Bag & Paper Corp., 233 B'way, New York
Warren Leather Goods Co., Worcester, Mass.

400— Bags (Mailing)

Bemis Bro. Bag Co. ("Economy"), 601 S 4th, St. Louis, Mo.

Cleveland-Akron Bag Co., Cleveland, O.
Colonial Office Appliance Co., 98 Park pl, New York
Columbus Mailing Bag Co. ("Superior"), 1178 Mt. Pleasant av, Columbus, O.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Golden Belt Mfg. Co., Durham, N. C.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Riegel Sack Co., 8 W 40th, New York
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book

401— Bags (Moth Proof)

Manahan Moth Paper Co. ("Manahan's" Satchel Formed), 370 Pearl, New York
Seinsheimer Paper Co. (Containers), York & McLean, Cincinnati, O.
White Tar Co., John & Cliff, New York

402— Bags (Nail)

Continental Paper Bag Co., 18 E 40th, New York
Crunden, Martin Mfg. Co. ("Diamond"), 2d & Gratiot, St. Louis, Mo.
Fulton Bag Co. (Paper, for the Hardware Trade, etc), Fulton, N. Y.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Union Bag & Paper Corp. (Paper), 233H Broadway, New York

402a—Bags (Nitrate of Soda)

Du Pont E. I. de Nemours & Co., Inc., Salvage & Reclamation Div., Wilmington, Del. *See adv index at end of book*

403—Bags or Covers (Tennis Racquet)

B. E. Mfg. Co. ("Beco"), 18 W 18th, New York
Spalding A. G. & Bros., 126 Nassau, New York
Wilson Thos. E. & Co., 727 N Sagamon, Chicago, Ill.

404— Bags (Ore)

Ames Harris Neville Co., San Francisco, Cal.
Braun-Knecht-Heimann Co., 584 Mission, San Francisco, Cal.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Filter Fabrics Co., Salt Lake City, Utah
Fulton Bag & Cotton Mills, Atlanta, Ga.
Mellus Bros. & Co., Los Angeles, Cal.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

405— Bags (Paper)

Adams Bag Co. ("Adams"), 1900 Euclid av, Cleveland, Ohio
Advance Bag Co., Middletown, O.
Am. Mills Co., 172H, Marietta, Atlanta, Ga.
American Paper Goods Co., Kensington, Conn.
Arkell Safety Bag Co., 120 B'way, N. Y.
Arkell & Smith, Canajoharie, N. Y.
Atlanta Paper Co., Atlanta, Ga.
Badger Bag & Paper Co., Wausau, Wis.
Bemis Bro. Bag Co. (Flour, Meal & Cements), 601 S 4th, St. Louis, Mo.
Brown Bag Filling Machine Co. (Flat), Fitchburg, Mass.
Chatfield & Woods Co. (Sacks), 3rd & Plum, Cincinnati, O.
Chicago-Detroit Bag Co., Marquette bldg, Chicago, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Clochessy John, 21 W 4th, New York
Columbia Paper Bag Co., 921 E Fort av, Baltimore, Md.
Columbia Paper Bag Co., 3d, Long Island City, N. Y.
Continental Paper Bag Co. (All Kinds), 18 E 40th, New York
Cramer-Force Co., Rochester, N. Y.
Crown Williamette Paper Co., San Francisco, Calif.
Crunden Martins Mfg. Co. ("Diamond" Candy and Grocers), 2d & Gratiot, St. Louis, Mo.
Cupples Saml. Woodenware Co., 7th & Spruce, St. Louis, Mo.
Diem & Wing Paper Co. (Flour Bags, Sacks, etc.), Gilbert av, Cincinnati, O.
Eagle Paper Co. (Box Bottom Self-Opening), Richmond, Va.
E—Z Opener Bag Co., Decatur, Ill.
E—Z Opener Bag Co., Fulton, N. Y.
Fulton Bag Co. (Mail, etc), Fulton, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
George S. Co., Wellsburg, W. Va.
Grand Lake Co., 280 Madison av, New York
Harris Bag Co., Caxton bldg, Cleveland, O.
Haverstick Albert & Son, 11 S. Lititia, Philadelphia, Pa.
Hercules Paper Bag Co. (Grocers), Reading, Pa.
Herrlinger & Co., (Buggy Shipping), 206 Walnut, Cincinnati, O.
Hollis & Duncan, 732 W Lake, Chicago, Ill.
Howland Bag & Paper Co., Dexter, N. Y.
Hults Elsworth H. Inc., 218 Walnut, Phila., Pa.
Jaite Co., Jaite, O.
Kennedy Car Line & Bag Co. (Packing), Shelbyville, Ind.
Kirchheimer Bros. Co., 433 W Ohio, Chicago, Ill.
Louisiana Paper Co. (Ltd.), Shreveport, La.
Memphis Bag Co., Memphis, Tenn.
Miller Thompkins & Co., 485 Washington, New York
Milwaukee Bag Co. (For Cement, Lime, etc), 206 S Water, Milwaukee, Wis.
National Paper Co., Atlanta, Ga.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Pacific Paper Co., Portland, Ore.
Phila. Lancaster Bag Co. (Flour & Meal), Water & Tasker, Phila., Pa.
Phillips Thos. Co. (Heavy for Flour, Feed, Cement, Lime & Plaster), Akron, O.
Port Huron Sulphite & Paper Co. (Manila), Port Huron, Mich.
Rutherford Paper Co., Tarentum, Pa.
Schorsch & Co., 500 E 133d, New York
Seinsheimer Paper Co., York & McLean, Cincinnati, O.
Shuttleworth, Keiller & Co., 474 W B'way, New York
Taggart Bros. Co. (Rope Paper for Cement, Flour, etc), Watertown, N. Y.
Tartentum Paper Mills (For Cement, Lime, etc), 2d Natl Bk bldg, Pittsburgh, Pa.
Taylor Paper Co., 310 Davis, San Francisco, Cal.
Union Bag & Paper Corp. ("Union"), 233 B'way, New York
Union Paper Mill Co. (All Rope Buckskin Cement), Monongahela, Pa.
UNION PAPER & TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
U. S. Paper Goods Co. (Bat, Hat, Tobacco, etc), 1224 W 8th, Cincinnati, O.
Universal Paper Bag Co., New Hope, Pa.
VALVE BAG CO. OF AMERICA, (For Cement, Lime, etc.), 3440-3444 Summit av, Toledo, O.
See adv index at end of book
Wayne Paper Goods Co. (Hand Carrying), Ft. Wayne, Ind.
West Jersey Paper Mfg. Co. (For Cement, Plaster, Lime, etc), Camden, N. J.
Western Paper Goods Co. (Tobacco), 3d & Lock, Cincinnati, O.
Wortendyke Mfg. Co., Richmond, Va.
See adv index at end of book

406— Bags (Parcels Post)

Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee. Wis.
Ross Wm. & Co., 407H N Peoria, Chicago, Ill.
WERTHAN BAG CO., (Burlap, Twine), 12th & Clinton, Nashville, Tenn.
See adv index at end of book

407— Bags (Plaster)

Fulton Bag & Cotton Mills, Atlanta, Ga.
Riegel Sack Co., 8 W 40th, New York
Taggart Bros. Co., Watertown, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

408— Bags (Potato)

Continental Paper Bag Co. (Paper), 18 E 40th, New York
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Klein Max, 38 Park row, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Ross Wm. & Co., 407H N. Peoria, Chicago, Ill.
Taggart Bros. Co., Watertown, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

409— Bags (Rice)

Continental Paper Bag Co. (Paper), 18 E 40th, New York
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Riegel Sack Co., 8 W 40th, New York
Taggart Bros. Co., Watertown, New York
Union Bag & Paper Corp (Paper), 2334H Broadway, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

410— Bags (Rubber)

Tyer Rubber Co. (Ice, Acetylene Gas, Syringe, etc), Andover, Mass.
Vant Woud Rubber Co. (Hot Water), 168 39th, Brooklyn, N. Y.

411— Bags (Safety)

Arkell Safety Bag Co., 120 B'way, New York
Fulton Bag & Cotton Mills (Shipping), Atlanta, Ga.

412— Bags (Salt)

American Bag Co., 3rd & Harrison, Oakland, Cal.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Riegel Sack Co., 8 W 40th, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

413— Bags (Sand Levee)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Riegel Sack Co., 8 W 40th, New York
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book

414— Bags (Sanitary)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, New York

415— Bags (School)

See also Traveling Bags
Fulton Bag & Cotton Mills, Atlanta, Ga.
Katz Bros. Leather Goods Co., 135 W. 20th, New York
Kennebunk Mfg. Co. (Fibre), Milton, N. H.
Lanz, Owen & Co., Milwaukee, Wis.

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BAGS (SCHOOL)—continued
Ryan-Cushing Co., 126 Summer, Boston, Mass.
Union Bag & Paper Corp. ("Union" Paper), 233H Broadway, New York
Warren Leather Goods Co., Worcester, Mass.

416— Bags (Second Hand)

Able Bag & Burlap Co., 1214 Blue Island av, Chicago, Ill.
Atlantic Bag Co. ("A. B. C."), 243 Water, New York
Bell Bag Co., 63 Front, New York
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Brimberg H., 546 Pearl, New York
Brody S., South & Clinton, New York
Burnett Bag & Burlap Co., Bklyn, Baltimore, Md.
Dorfman I. & Sons, 269 South, New York
Du Pont E. I. de Nemours & Co., Inc. (Salvage & Reclamation Div.), Wilmington, Del.
See adv index at end of book
Feitel Dan W. Bag Co., Inc., S. Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hudson Bag Mfg. Co., Bayonne, N. J.
Iroquois Bag Co. (Bags & Burlap), Buffalo, N. Y.
Kent Percy Co., 33 Pearl, New York
Klein Max, 38 Park Row, New York
See adv index at end of book
Knickerbocker Bag Co., 7 Front, New York
Knott's David N Sons (Cotton & Burlap), 104 Callowhill, Phila., Pa.
Lawson Jacob Bag Co., 264 Water, New York
Leonardis Peter & Sons, 57 River, Newark, N. J.
Lichtman S. & Son (Bags & Burlap), 9 Randall, Buffalo, N. Y.
Machover S., 113 Mercer, New York
Millard Geo P. Co. (Burlap), 26 Elwood bldg, Rochester, N. Y.
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Nanes Nathan, 434 E Houston, New York
New York & Boston Bag Co., 56 Commercial Wharf, Boston, Mass.
Oppenheimer & Co., Buffalo, N. Y.
Riegel Sack Co., 8 W 40th, New York
Weitzel M. B., Lititz, Pa.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*
Western Bag & Burlap Co., 2449 Wallace, Chicago, Ill.
Wisconsin Bag & Burlap Co., Neenah, Wis.
Young & Metzner, 355 Vernon av, Long Island City, N. Y.

417—Bags (Shopping & School)

Nitram Mfg. Co., East Orange, N. J.
Thompson James & Co., 113 Prince, New York

417a— Bags (Sleeping)

Huyck F. C. & Sons ("Kenwood"), Albany, N. Y.
Stonebridge C. H. Mfg. Co., 23 Warren, New York

418— Bags (Striking)

Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless Leather), 211 N Carpenter, Chicago, Ill.
Faultless Rubber Co. (Rubber), Ashland, Ohio
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
Rawlings Mfg. Co., 23 & Lucas av, St. Louis, Mo.
Stall & Dean Mfg. Co., Brockton, Mass.
Tyer Rubber Co. (Rubber), Andover, Mass.

419— Bags (Sugar)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 18 E 40th, New York
Crunden, Martin Mfg. Co. ("Diamond"), 2d & Gratiot, St. Louis, Mo.
Feitel Dan W. Bag Co., Inc., S Claiborne & Erato, New Orleans, La.
Fulton Bag & Cotton Mills (Paper), Atlanta, Ga.
Hartmann Pacific Co., Inc. (Imp), 80 Wall, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Union Bag & Paper Corp. (Paper), 233H Broadway, New York
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

420—21 Bags (Tamping)

Atlas Powder Co., Wilmington, Del.
Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co., Wilmington, Del.

422— Bags (Tire, Inner Tube)

Cleveland-Akron Bag Co., Cleveland, O.
Gilliam Co., Canton, O.
Sala Co. ("Sala-ble"), Canton, Ohio

423— Bags (Tool)

Aronoff Joseph J. (Electricians & Masons), Trenton, N. J.
Buhrke R. H. Co. (Electricians' & Lineman's), 1250H Fullerton av, Chicago, Ill.
Boyle John & Co., 112 Duane, New York
Cleveland-Akron Bag Co., Cleveland, O.
Dicke Tool Co., Downers Grove, Ill.
Excelsior Bag & Mfg. Co. (Plumbers', Masons', Mechanics', etc), Troy, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Galewski Adolph & Son (Plumbers'), 453 Broome, New York
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Johnson Wm. (Plumbers' & Masons'), Newark, N. J.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Reading Saddle & Mfg. Co. (Bicycle, Motorcycle, etc), Reading, Pa.
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Troxel Mfg. Co., Elyria, Ohio
Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.

424— Bags (Tool, Linemen's)

Aschenbach Henry Saddlery Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke R. H. Co., 1250 Fullerton av, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Galeswki Adolph & Son, 453 Broome, New York
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.

424a— *Bags (Trainmen's)

Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

Bags (Traveling)

See Traveling Bags & Suit Cases

425— Bags (Valve)

Adams Bag Co., 1900 Euclid av, Cleveland, Ohio
Cleveland-Akron Bag Co., Cleveland, O.
Fuller-Lehigh Co., Fullerton, Pa
See adv index at end of book
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Phillips Thos. Co. (For Cement, Lime & Plaster, Merchandise, etc), Akron, O.
Taggart Bros. Co., Watertown, N. Y.
VALVE BAG CO. OF AMERICA ("Twenty-first Century" Valve Bags & Open Mouth), 3440-3444 Summit av, Toledo, O.
See adv index at end of book
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

425a— *Bags (Valve Lime)

VALVE BAG CO. OF AMERICA, 3440-3444 Summit av, Toledo, O.
See adv index at end of book
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

426-7— Bags & Bagging

See also Burlap Importers
(Those Marked with a (†) Dagger Make Bagging also)
Adams Bag Co. (Paper Only), 1900 Euclid av, Cleveland
American Bag Co., 3rd & Harrison, Oakland, Cal.
American Bag Co. (Cotton & Burlap Bags), Memphis, Tenn.
American Bag & Burlap Co. (Burlap), Boston, Mass.
†American Mfg. Co. (Jute Bagging), Noble, & West, Brooklyn, N. Y.
American Mills Co. (Burlap & Cotton), Atlanta, Ga.
Ames-Harris-Neville Co., Potrero & Alameda, San Francisco, Cal.
Anchor Duck Mills (Cotton Bags), Rome, Ga.
†Androscoggin Mills (Grain, etc), Lewiston, Me.
Arkell Safety Bag Co., 120 B'way, New York
Aronoff Jos. J. (Messenger & Delivery), Trenton, N. J.
Atlantic Jute Mills ("Congo") Norfolk, Va.
Bartley Mfg. Co. (Burlap), 261 South, New York
Bell Bag Co. (Grain Bags), 63 Front, New York
Bemis Bro. Bag Co. (Jute, Paper, Cotton, Burlap, "Wiretop" Muslin, etc.), 601 S 4th, St. Louis, Mo.
Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
Bosworth Bag. Co. (Burlap & Cotton), Memphis, Tenn.
Bowen-Jewell Co. (Cotton Bagging), Jewell, Ga.
Brewer Bag Co., 78 Pearl, New York
Brimberg H., 546 Pearl, New York
Brody S. (Jute & Burlap), South & Clinton, New York
California Cotton Mills Co. (Cotton Bags), Oakland, Cal.
Carolina Bagging Co. (Jute), Henderson, N. C.
Carolina Mills (Cotton Bagging), Greenville, S. C.
Casper J. Burlap Bag Mfg. Co., Fitzgerald, Pa.
Central Bag Mfg. Co. (Burlap & Cotton), 3622 Iron, Chicago, Ill.
Chase H. & L. (Burlaps & Cotton), 267 Atlantic av, Boston, Mass.
Chase H. & L. Bag Co. (Bags), 8 N Main, St. Louis, Mo.
Chelsea Fibre Mills (Seamless Bags), 312 5th av, New York
Cherokee Falls Mfg. Co. (Seamless Grain), Cherokee Falls, S. C.
Chicago-Detroit Bag Co. (Jute, Cotton, etc), Marquette bldg, Chicago, Ill.
Chicago Leather & Mercantile Co. (Burlap), 1848 W 14th, Chicago, Ill.
Cincinnati Bag Co. (Cotton Seamless & Burlap for own use only), 601 E 5th, Cincinnati, O.
Cleveland-Akron Bag Co., Cleveland, O.
Collins-Plass-Thayer Co. (Jute & Cotton), 26 Beaver, New York
†Columbia Cotton Mill Co. (Cotton Seamless Grain Bags), Columbia, Tenn.
†Dana Warp Mills (Grain Bags), Westbrook, Me.
Eagle Cotton Mills Co. (Cotton), Madison, Ind.
Eastern Burlap Bag Co. (Burlap), 95 Commerce, Hartford, Conn.
Empire State Bag Co. (Flax & Jute Bags & Bagging), 760 Wythe av, Brooklyn, N. Y.
Emsley John W., Adams & Emerald, Phila., Pa.
Feitel Dan W. Bag Co. (new & second hand, Burlap), S Claiborne & Erato, New Orleans, La.
Franklinville Mfg. Co. (Seamless Bags), Franklinville, N. C.
†Fulton Bag & Cotton Mills (Cotton, Jute), Atlanta, Ga.
Gaylord Bros. (Cloth Coin), Syracuse, N. Y.
Golden Belt Mfg. Co. (Tobacco Bags,, etc), Durham, N. C.
Graffiin John C. Co. (Cotton Bags), 10 South, Baltimore, Md.
†Grimond J. & A. D., Ltd. (H. N. Gildea, Agt., Jute Burlap Bagging), 320 B'way, New York
†Gulf Bag Co. (Burlap & Cotton), 330 Notre Dame, New Orleans, La.
Halsted E. S. & Co., 64 Pearl, New York
Hartman Pacific Co., Inc. (Imp.), 80 Wall, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hyand Bag Co., 243 Sacramento, San Francisco, Cal.
Imperial Bagging Co., Norfolk, Va.
Jackson Fibre Co. (Brown Cotton Bags), Memis, Tenn.
Kent Percy Co. (Cotton & Burlap Bags), 33 Pearl, New York
King Mfg. Co. (Cotton, Burlap, etc.), Front & Main, Cincinnati, O.
Klein Max, 38 Park Row, New York
Kurtz Bag Co., 414 B'way, New York
Lane J. H. & Co. (Jobbers) 334 4th av, New York
Lawson Jacob Bag Co. (Burlap), 264 Water, New York
Leavenworth Bag Mfg. Co. (Burlap & Cotton), Leavenworth, Kans.
Liberman M. (Hop & Rice), 11 Lewis, New York
Little Rock Tent & Awning Co. (Cotton Picking), Little Rock, Ark.
Logie Jas. & Co., 42 B'way, New York
Ludlow Mfg. Associates (Jute Bagging for Baling Cotton, 111 Devonshire, Boston, Mass.
Machover S. (Cotton & Burlap), 113 Mercer, New York
Merchants & Mfg. Supply Co., Chelsea, Mass.
Milwaukee Bag Co. (Cotton & Jute, Sugar, Cement, Sand Levee, Salt, Rice, Potato, Parcel Post, Hardware, Coffee Urn, Castings & Bean Bags, Flour Sacks & Burlaps), 206 S Water, Milwaukee, Wis.
Millhiser Bag Co. (Seed Bags, Tobacco Bags & Pouches), Richmond, Va.
Moran John & Son (Bags & Barrel Covers), 213 Franklin, New York
Morgan & Hamilton Co. (Cotton, Flour & Meal Sacks & Burlap Bags), Nashville, Tenn.
Morris & Co. (Cotton), Groveville, N. J.
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Morrison & Risman (Jute & Burlap) 1437 Bailey av, Buffalo, N. Y.
Neahr M. J. & Co., 1600 S Dearborn, Chicago, Ill.
New York-Boston Bag Co. (Potato, Flour, Grain & Coffee Sacks, etc), 56 Commercial wharf, Boston, Mass.
Noon Bag Co. (Grain, etc), 32 N 1st, Portland, Ore.
Northern Bag Co., 101 3rd av S, Minneapolis, Minn.
O'Meara Maurice Co., 450 Pearl, New York
†Parsons C. H. Co. (Cotton & Burlap), 78 Water, N. Y.
Philadelphia Bag Co. (Burlap & Cotton), 84 Tasker, Phila., Pa.
Plummer W. A. Mfg. Co. (Burlap & Cotton), 37 Front, San Francisco, Cal.

Queen Mfg. Co. (Laundry Bags), 313 S Clinton, Chicago, Ill
Raggi P. & Co., 52 Washington, San Francisco, Cal.
Ralli Bros. (Imp), 11 William, New York
Riegel Sack Co., 8 W 40th, New York
†Riverside Mills (Jute Bagging for Cotton), Augusta, Ga.
Rock Run Carbon Co., Warren, Ohio
Ross Wm. & Co., 407 N Peoria, Chicago, Ill.
Royal Mills (Seamless & Burlap Bags Only), Charleston, S. C.
Royal River Mfg. & Power Co. (Cotton Grain Bags), Yarmouth, Me.
Salomon A., Inc., 15 Park Row, New York
Scott Jas. & Son (Importers Burlap & Jute Bagging), 346 B'way, New York
Southern States Bag Co., Jackonville, Fla.
†Stark Mills (Grain Bags; also Bagging, etc), Manchester, N. H.
Stokes E. K. (Burlap), 78 Pearl, New York
Taggart Bros. Co., Watertown, N. Y.
Texas Bag & Fibre Co., Houston, Texas
†Tombigbee Cotton Mills (Brown Cotton Bagging), Columbus, Miss.
VALVE BAG CO. OF AMERICA (For Lime, Cement, Plaster, Feed, etc.), 3440-3444 Summit av, Toledo, O.
See adv index at end of book
Walker J. S. & Co. (Burlap), Louisville, Ky.
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book
West & Co., Albany, Ga.
Werthan Bag Co. (Burlap & Cotton), Nashville, Tenn.
Wisconsin Bag & Burlap Co. (Burlap), Neenah, Wis.
Wynantskill Mfg. Co. (Beef & Sheep), Troy, N. Y.
Young & Metzner, 335 Vernon av, Long Island City, N. Y.

428— *Bails (Hoisting)

Rochester Can Co. ("Iron Horse" Wire), 89 Hague, Rochester, N. Y.
See adv index at end of book

429— Bailwoods (Pail)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

430— Bait (Fishing)

Anglers Co. (Live Crayfish, mud & Preserved Minnows of all sizes, salmon eggs, bait frogs), 913 W. Randolph (crayfish, wedge chunk, midget and cheese), Chicago, Ill.
Foss Al., 1722 Columbus rd, Cleveland, O.
Hastings Sporting Goods Wks, Hastings, Mich.
Henzel, J. G. ("Booster"), 4153 W. Van Buren, Chicago, Ill.
Moonlight Bait Co. ("Moonlight"), Paw Paw, Mich.
Orvis Chas. F. Co. (Artificial Flies, etc.), **Manchester, Vt.**
Treman King & Co., 11 Main, Ithaca, N. Y.
U. S. Specialty Co. (Rush Tango, Minnow), S. A. & K. bldg, Syracuse. N. Y.
Vacuum Bait Co. ("Howes," "Vacuum," Bass Bait, etc), North Manchester, Ind.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wise Sportsman's Supply Co. ("Jim Dandy"), Northern bldg, Chicago, Ill.

431— Bakelite

Continental Fibre Co., Newark, Del.
See adv index at end of book
General Bakelite Co., 2 Rector, New York York
Waterbury Button Corporation (Moulders), 831 S Main, Waterbury, Conn.
See adv index at end of book

432— Bakers (Potato)

Timberlake J. B. & Sons ("Jaxon"), Jackson, Mich.

433-4— Bakers (Wire Mill)

Vaughn Machinery Co. (Cleaning & Coating), Cuyahoga Falls, Ohio
See adv index at end of book

435—Balances (Assay & Analytical)

Ainsworth Wm. & Sons, Denver, Colo.
Atlas Laboratory Equipment Bureau, 731 W Wells, Chicago, Ill.
Bausch & Lomb Optical Co., Rochester, N. Y.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Daube & Hopken, 39 Carlton av, Jersey City, N. J.
Denver Fire Clay Co., Denver, Colo.
Eimer & Amend, 205 3d av, New York
Fairbanks Co., 416 Broome, New York.
Heil Henry Chemical Co., St. Louis, Mo.
Keller G. P. ("Keller"), Salt Lake City, Utah
Kohlbusch Herman, 149 N. Y. av, Jersey City, N. J.
Lenz Apparatus Co., 9 E 16th, New York
Sargent E. H. & Co., 155 E Superior, Chicago, Ill.
Schaar & Co. ("Hexagon"), 558 W Jackson bldv, Chicago, Ill.
Thompson Balance Co., Denver, Colo.
Torsion Balance Co. ("Torsion"), 93 Reade, New York
Troemner Henry, 911 Arch, Phila., Pa.
Voland & Sons, New Rochelle, N. Y.

435a— Balances (Pulp)

Ainsworth Wm. & Sons, Denver, Colo.
Central Scientific Co., 460 E Ohio, Chicago, Ill.
Voland & Sons, New Rochelle, N. Y.

436— Balances (Spring)

American Cutlery Co., 764 Mather, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Fairbanks Co., 416 Broome, New York.
Forschner R. H., 230 3rd av, New York
Hanson Bros., 525 N Ada, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
Micrometer Balance Scale Co., Troy, N. Y.
Pelouze Mfg. Co., 232 E O, Chicago, Ill.
Standard Scale & Supply Co., Ltd. 1631 Liberty av., Pitts. Pa.
See adv index at end of book
Wilson Robert P., 320 Market, Newark, N. J.

437— Balata

American Trading Co., 25 Broad, New York
Gough Wallace L. Co., 16 Exchange pl, New York
Raw Products Co. (Imp), 80 Wall, New York

438-9— Balers (Sack)

Handy Sack Baler Co., Cedar Rapids, Ia.
White T. G. ("Handy Sack Baler"), Cedar Rapids, Ia.

440— Ball Blue

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Heller & Merz Co., 503 Hudson, New York

441—Ballast Loaders & Unloaders

Bucyrus Co., So. Milwaukee, Wis.
Byers Machine Co. The, 242 Sycamore, Ravenna, O.
See adv index at end of book

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Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LIDGERWOOD MFG. CO. (Unloaders Only), 96 Liberty, New York
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Marion Steam Shovel Co., P. O. Box 595, Marion, O.

Ballast (Railroad)

See Stone, Crushed

441a— Balloons and Dirigibles

Connecticut Aircraft Co., New Haven, Conn.
Goodyear Tire & Rubber Co., Akron, O.
Janney-Steinmetz Co., 1241 Chestnut, Phila., Pa.

442— Balloons (Rubber)

Behrend & Rothschild, 353 B'way, New York
Dunbar Mfg. Co., South River, N. J.
Eagle Rubber Co., Ashland, O.
Faultless Rubber Co., Ashland, O.
Goodyear Tire & Rubber Co., Akron, O.
Gregory Rubber Co. (Toy), Akron, O.
Howe-Baumann Balloon Co., 187 Murray, Newark, N. J.
Lincoln Rubber Co., Akron, O.
Oak Rubber Co. (Toy), Ravenna, O.
Pioneer Rubber Specialty Co., Akron, O.
Rayon Rubber Co., Ravenna, Ohio
Realty Rubber Co., Massillon, O.
Sun Novelty Co. (Rubber Goods), Bloomfield, N. J.
Western Reserve Rubber Co. (Toy), South Akron, O.

443— *Balls (Agricultural)

EXCELSIOR STEEL BALL CO. (Steel Only), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

444— Balls (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Auburn Ball Bearing Co., Rochester, N. Y.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Jones Ball Co., Arlington Heights, Mass.
Metal Specialty Mfg. Co., Inc. (To specifications), 300 Aurora, Waterbury, Conn.
See adv index at end of book

445— Balls (Ball Mill)

Abbe, Paul O., Inc., 924 Johnston Bldg, New York.
See adv index at end of book
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Forged Steel), Milwaukee, Wis.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

445a— *Balls (Balloting)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Balls (Basket)

See firms in Balls, Foot, with the word Leather following their names

Balls (Bearing)

See Balls, Steel

446— Balls (Billiard & Pool)

Albany Billiard Ball Co. ("Burt," "Hyatt") Albany, N. Y.
Brunswick-Balke-Collender Co., 29 W 32d, New York
Grote F. & Hubbell Co., 82 4th av, New York
Kaldenberg Trading Co. (Ivory), 433 Broome, New York
Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York
Spinks Wm. A. & Co., 362 W Erie, Chicago, Ill. *See adv index at end of book*

447— Balls (Bowling)

American Hard Rubber Co. ("A. H. R." Hard Rubber), 9 Mercer, New York
ESTES E. B. & SONS (Wood), 364 5th av, New York *See adv index at end of book*
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohaut John C., 117 Green, Newark, N. J.
Reinschmidt C. & H., Rochester, N. Y.
Sommer John Faucet Co., 30 Morris, Newark, N. J.

448-9— Balls (Brass)

Abbott Ball Co., Elmwood Station, Hartford, Conn.
See adv index at end of book
American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Atlas Ball Co. (For Valves, also Bronze), 4th & Glenwood av, Philadelphia, Pa.
Auburn Ball Bearing Co. ("Auburn," Also Bronze, Solid & Hollow), 26 Elizabeth, Rochester, N. Y.
Darling Valve & Mfg. Co., Ltd., Williamsport, Pa.
Draper Mfg. Co. (Solid or Hollow, for Valves, etc), Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Also Bronze, Solid & Hollow), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
GWILLIAM CO., THE, 23 Flatbush av, Brooklyn *See adv index at end of book*
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co. (Also Bronze). Franklin, Pa.
Jones Ball Co. (Also Bronze), Arlington Heights, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Metal Ball Co., Inc., 856 Broad, Bridgeport, Conn.
Midland Brass Works, Fort Worth, Texas
Motors Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Pressed Steel Mfg. Co., Land Title bldg., Philadelphia, Pa.
Schatz Mfg. Co. (Also Bronze, Solid & Holland), Poughkeepsie, N. Y.
Waterbury Steel Ball Co. (To Specifications), 300 Aurora, Waterbury, Conn.
See adv index at end of book

Balls (Bronze)

See Balls, Brass

450— *Balls (Cabinet Lock)

EXCELSIOR STEEL BALL CO. (Liberty

451— Balls (Cast Iron)

Auburn Ball Bearing Co, Rochester, N. Y.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

452— *Balls (Caster)

Abbott Ball Co., Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P O Box 52, Buffalo, N. Y.
See adv index at end of book

453— Balls (Cement Mill)

Abbe, Paul O., Inc., 924 Johnston Bldg, New York.
See adv index at end of book
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Forged), Milwaukee, Wis.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Los Angeles Fdry Co. ("Duroloid"), Los Angeles, Cal.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

454— Balls (Copper)

ABBOTT BALL CO., Elmwood Station, Hartford, Conn.
See adv index at end of book
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Probst, C. F., Mfg. Co. (To Order), 539 Watertown, Waterbury, Conn.
Waterbury Steel Ball Co. (To Specifications), 300 Aurora, Waterbury, Conn.
See adv index at end of book

455— Balls (Croquet)

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Spalding A. G. & Bros., 126 Nassau, New York

455a— *Balls (Darning)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

456— Balls (Fall Line)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

457— *Balls (Flag Pole)

EXCELSIOR STEEL BALL CO. (Bronze, Brass & Steel), P. O. Box 52, Buffalo, N. Y. *See adv index at end of book*
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

458-9— Balls (Foot)

Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless" Leather), 211 N Carpenter, Chicago, Ill.
Draper Maynard Co. (Leather), Plymouth, N. H.
Goldsmiths' P. Sons (Leather), John Findlay & Charlotte, Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co. (Rubber), 787 B'way, New York
Goodyear Tire & Rubber Co. (Rubber), Akron, O.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Jarvis W. B. Co. ("Ty Cobb," Leather), Grand Rapids, Mich.
Majestic Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Rawlings Mfg. Co. ("Leather"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co. (Leather), Tulip & Palmer, Phila., Pa.
Revere Rubber Co. (Rubber), Chelsea, Mass.
Seamless Rubber Co., New Haven, Conn.
Sell Sporting Goods Co., Canton, O.
Spalding A. G. & Bros. (Leather), 126 Nassau, New York

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Tyer Rubber Co. (Rubber), Andover, Mass.
Victor Sporting Goods Co. (Leather), Springfield, Mass.
Wilson Thos. E. & Co., 727 N Sagamon, Chicago, Ill.
Wright & Ditson (Leather), 344 Washington, Boston, Mass.

Balls (Fuller)

See Rubber Goods Mfrs., Mechanical

460— Balls (Glass)

Bache Semon & Co. (Imp), 636 Greenwich, New York
Christensen M. F. & Son Co., Akron, O.
Illinois Glass Co. (Furniture, Caster, etc), Alton, Ill.
RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

461— Balls (Golf)

Corona Rubber Mfg. Co., 400 E. Rittenhouse, Phila., Pa.
Davidson Rubber Co., Boston, Mass.
St. Mungo Mfg. Co. ("Arch Colonel," "Star Colonel," "Crescent Colonel"), 121 Sylvan av, Newark, N. J.
Slazenger Frank L., 12 E 43d, New York
Spalding A. G. & Bros., 126 Nassau, New York
Wilson Thos. E. & Co., 727 N Sagamon, Chicago, Ill.
Worthington Ball Co., Elyria, Ohio
Wright & Ditson, 344 Washington, Boston, Mass.

461a— Balls (Grille)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

462—Balls (Hand Ball Court)

Goodrich B. F. Co., Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Seamless Rubber Co., New Haven, Conn.
Spalding A. G. & Bros., 125 Nassau, New York

463— *Balls (Hinge)

EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

464— Balls (Hollow)

Draper Mfg. Co. (Brass, for Valves, etc), Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Brass Only), P. O. Box 52, Buffalo, N. Y
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Johnston & Sharp Mfg. Co. (Crucible Steel, Self-Lubricating), Ottumwa, Ia.
Schatz Mfg. Co. (All Metals Except Aluminum), Poughkeepsie, N. Y.

464a— Balls (Kominuter)

Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

464b—*Balls (Lithographic)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

464c— *Balls (Massage)

Estes E. B. & Sons (Wooden), 364 5th av, New York
See adv index at end of book

464d— Balls (Monel Metal)

Abbott Ball Co., Elmwood Station, Hartford, Conn.
See adv index at end of book
Auburn Ball Bearing Co., Rochester, N. Y.
Metal Specialty Mfg. Co., Inc. (To Specifications), 300 Aurora, Waterbury, Conn. *See adv index at end of book*

465— Balls (Moth)

Briggs Chemical Wks., Amherst, Ohio
White Tar Co., John & Cliff, New York

466— Balls (Ox)

Peck, Stow & Wilcox Co., Southington, Conn.
Sanders, Frary & Clark, New Britain, Conn.
Sargent & Co., New Haven, Conn.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

467—Balls (Phosphor Bronze)

Abbott Ball Co., Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Metal Ball Co., Inc., 856 Broad, Bridgeport, Conn
Waterbury Steel Ball Co. (To Specifications), 300 Aurora, Waterbury, Conn.
See adv index at end of book

468— Balls (Pipe & Flue)

Cyclops Foundry Co., Union Bank bldg. Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (For Lapwelding Pipe), Midland, Pa.
Union Spring & Mfg. Co., New Kensington, Pa.

Balls (Polishing)

See Balls, Steel for Polishing, Etc.

469— *Balls (Polo)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

470— Balls (Porcelain)

Abbe, Paul O., Inc., 924 Johnston Bldg, New York.
See adv index at end of book
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

471— *Balls (Roller Skate)

Abbott Ball Co., Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO. (Steel), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

472— Balls (Rubber)

Baumann Rubber Co., New Haven, Conn.
Bell Andrew (Estate of), 45 Commercial, Newark, N. J.
Davol Rubber Co. (Gas Mains, etc), 69 Point, Providence, R. I.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Lambertville Rubber Co., Lambertville, N. J.
Majestic Rubber Co., Akron, O.
NEW YORK RUBBER CO., Reade & Church, New York, Chicago, Ill. 325 W. Randolph, Houston, Texas.
Sun Novelty Co. (Toy, Parlor, etc.), Bloomfield, N. J.

473-4— Balls (Steel)

Abbe Engng Co., 50G Church, New York
See adv index at end of book
ABBOTT BALL CO. ("Abbott," Highgrade bearing, also all other grades), Elmwood Station, Hartford, Conn.
See adv index at end of book

Cable Address: "Balco Buffalo." Code—Western Union—Universal Edition

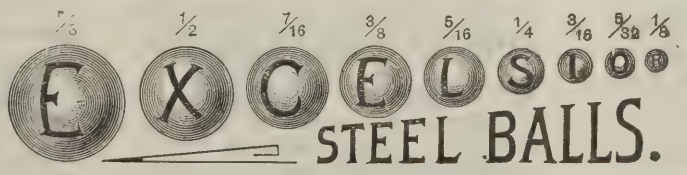
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BALLS (STEEL)—continued
Aetna Ball Bearing Mfg. Co., 227 Institute Pl., Chicago, Ill.
See adv index at end of book
Allis-Chalmers Mfg. Co. (Forged), Milwaukee, Wis.
American Ball Co., 115 Clifford, Providence, R. I.
American Forge Works (Forged), Denver, Colo.
Aschenbach Henry Saddlery Co., 71 Warren, New York
Atlas Ball Co. ("Atlas"), 4th & Glenwood av, Phila., Pa.
Atlas Crucible Steel Co., Dunkirk, N. Y.
Auburn Ball Bearing Co. (Solid), 26 Elizabeth, Rochester, N. Y.
Bacon & Matheson Forge Co. (Grinding), 17H W. Lander, Seattle, Wash.
Baird Machine Co. (For Burnishing), Bridgeport, Conn.
Bearings Co. of America (Imp.), Lancaster, Pa.
Blancke, A. C. & Co., 602 W. Lake, Chicago, Ill.
Boker Hermann & Co. (Imported), ("Gibraltar," "Novo Superior," "Intra"), 101 Duane, New York
Darling Valve & Mfg. Co., Ltd., Williamsport, Pa.
Draper Mfg. Co. (For Valves), Port Huron, Mich.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
General Mfg. Co. (Burnishing), Waterbury, Conn.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
GWILLIAM CO., THE, 23 Flatbush av, Brooklyn *See adv index at end of book*
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Jones Ball Co., Arlington Heights, Mass.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Metal Ball Co., Inc., 856 Broad, Bridgeport, Conn.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
Pressed Steel Mfg. Co., Land Title bldg. Phila., Pa.
Probst, C. F., Mfg. Co. (Burnishing), 530 Watertown, Waterbury, Conn.
R.-I.-V. Co. ("R.-I.-V.-Hoffman," All Sizes), 1765 B'way, New York
Schatz Mfg. Co. (Solid and Hollow Pressed Steel), Poughkeepsie, N. Y.
Smith Richardson Co. (For Burnishing), Attleboro, Mass.
Standard Steel & Bearings, Inc., 50th & Lancaster av, Phila., Pa.
Tioga Steel & Iron Co. (For Grinding Purposes), 52nd & Grays, Phila., Pa.
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.
WATERBURY STEEL BALL CO., 300 Aurora, Waterbury, Conn.
See adv index at end of book
Western Tool & Forge Co. (Forged), Brackenridge, Pa.
Wharton Wm. Jr. & Co., Inc. (For Grinding Mills), Easton, Pa.

475— Balls (Steel, for Polishing & Burnishing)

ABBOTT BALL CO. ("Abbott"), **Elmwood** Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Metal Ball Co., Inc., 856 Broad, Bridgeport, Conn. *See adv index at end of book*
Probst, C. F., Mfg. Co., 530 Watertown, Waterbury, Conn.
WATERBURY STEEL BALL CO. ("Wamsco Brand"), 300 Aurora, Waterbury, Conn.
See adv index at end of book

475a—Balls (Stoneware, Hollow)

General Ceramics Co., 50 Church, New York
Knight, Maurice A., Akron, O.

476— Balls (Tank)

Canfield H. O. Co. ("Canfield" Rubber), Bridgeport, Conn.
See also Floats, Tank
Essex Rubber Co., Trenton, N. J.
Good Mfg. Co. (Rubber), 305 E 134th, New York
Goodrich B. F. Co. ("Pinnacle" Rubber), Akron, O.
Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.
Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.
Woodward Wanger Co., 1106 Spring Garden, Phila., Pa.

477— Balls (Tea)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Woods-Sherwood Co. ("Sherwood's"), Worcester, Mass.

478— Balls (Tennis)

Goodrich B. F. Co. ("Goodrich"), Akron, O.
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Pennsylvania Rubber Co. (Hand-Made Championship), Jeannette, Pa.
Seamless Rubber Co., New Haven, Conn.
Wilson Thos. E. & Co., 727 N Sagamon, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.

479— *Balls (Tin)

ABBOTT BALL CO. ("Abbott" For Bottle Stoppers), Elmwood Station, Hartford, Conn. *See adv index at end of book*

480— Balls (Tumbling Barrel)

ABBOTT BALL CO. ("Abbott"), **Elmwood Station, Hartford, Conn.**
See adv index at end of book
Baird Machine Co. (Steel), Bridgeport, Conn.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Jones Ball Co., Arlington Heights, Mass.
Metal Ball Co., Inc., 856 Broad, Bridgeport, Conn.
Probst, C. F., Mfg. Co., 530 Watertown, Waterbury, Conn.
Smith, Richardson Co. (Steel), Attleboro, Mass.
WATERBURY STEEL BALL CO., 300 Aurora, Waterbury, Conn.
See adv index at end of book

481— *Balls (Vacuum Cleaner)

EXCELSIOR STEEL BALL CO. (Steel), **P. O. Box 52, Buffalo, N. Y.**
See adv index at end of book

482— *Balls (Valve)

EXCELSIOR STEEL BALL CO. (Steel, Brass & Bronze), **P. O. Box 52, Buffalo, N. Y.** *See adv index at end of book*

483— Balls (Wood)

American Enamel Co. (Plain & Enameled), Neville, Providence, R. I.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
BOGERT & HOPPER (All kinds for All Purposes, Plain or Enameled), 57 Barclay, New York
See adv index at end of book
Carr, Ryder & Adams Co., Dubuque, Iowa
ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled), 364 5th av, New York
See adv index at end of book
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Frary Mfg. Co., Charlemont, Mass.
Huttig Mill Wk. Co., Independence & White, Kansas City, Mo.
McMillan's W. H. Sons (Ten Pin), 153 South, New York
Novelty Turning Co., Norway, Me.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Rowe Henry Mfg. Co., Newaygo, Mich.
Standard Turning Works, Cambridge, Mass
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

484— Balls (Zinc)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Metal Specialty Mfg. Co., Inc. (To Specifications), 300 Aurora, Waterbury, Conn. *See adv index at end of book*
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

485— Balusters

American Sash & Door Co., Kansas City, Mo.
National Mill & Lbr. Co. (Turned), 318 Market, San Francisco, Cal.
TYLER W. S. CO. (Iron & Bronze), **Cleveland, O.** *See adv index at end of book*

485a—Balustrades & Railings

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Gorham Co. Architectural Bronze, 5th av & 36th, New York
Steelite Co., 1902 W 77th, Cleveland, O.
Stolz Jos & Son, Inc., 841 E 136th, New York
Tyler W. S. Co. (Iron & Bronze), Cleveland, O. *See adv index at end of book*
Wis Iron & Wire Works, 1660H Booth, Milwaukee, Wis.

486— Bamboo

Demarest Chas. H. (Imp.), 150 Water, New York
Fearon Brown Co. (Ink), 96 Wall New York
Husselrath Importing Co. (Imp.), 37 Liberty, New York

486a— Banana Liquids

Du Pont Chemical Works, 120 B'way, New York

486b—*Band Iron (Soft Annealed)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bandages (Surgical, Cotton)

See Gauze, Surgical

487—Bandages (Surgical, Rubber)

Ajax Rubber Co., 220 W 57th, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Kendrick, James R. Co., Dept H, Germantown av & Pastorius av, Germantown, Phila, Pa.
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyer Rubber Co., Andover, Mass.

488— Banding (Braided)

See also Banding, Cotton
Covel & Osborn Co., Fall River, Mass.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Frost, Geo. T. & Sons, Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Lambeth Rope Corp., New Bedford, Mass.
Mallison Braided Cord Co., Athens, Ga.
Small Bros. Fall River, Mass.
Speed & Stephenson ("Wm. Haighe's"), 170 Summer, Boston, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Toohey M. J. & Co., Fall River, Mass.
Whittier Mills Co., Chattahoochee, Ga.
Young John B. J. & Levick, Phila., Pa.

489— Banding (Cotton)

See also Banding, Braided
Am. Supply Co., 135 Washington, Providence, R. I.
Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co. (Braided), Macon, Ga.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Cohankus Mfg. Co., Paducah, Ky.
Covel & Osborn Co., Fall River, Mass.
Elder Jas., 230 W Coulter, Germantown, Phila., Pa.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Goss Bros., Fall River, Mass.
Hodson John M., Markle & Boone, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
International Braid Co., 47 Charles, Providence, R. I.
Lees Mfg. Co., Westport, Conn.
Mount Pleasant Banding Co. (Twisted), New Bedford, Mass.
Russell Mfg. Co., Middletown, Conn.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Toohey M. J. & Co., Fall River, Mass.
Unity Cotton Mills, La Grange, Ga.
Young John B. J. & Levick, Phila., Pa.

490— Bands (Boom)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc. (Adjustable Goose Neck, etc), Middletown, Conn.
See adv index at end of book

490a— Bands (Box and Bale)

Carey Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Chicago Steel & Wire Co. (Wire), 10257 Torrence av, Chicago, Ill.
Twisted Wire & Steel Co., 437 11th av, New York

491— Bands (Brake)

BOSSERT CORP. (THE), cor. Linden & West av, Utica, N. Y.
See adv index at end of book
Columbia Steel Co., Elyria, O.
Continental Fibre Co. (Fibre), Newark, Del. *See adv index at end of book*
Cramp Wm. & Sons, Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Delaware Hard Fibre Co. (Automobile Hard Fibre), Wilmington, Del.
See adv index at end of book
Detroit Pressed Steel Co., 1800 Mt. Elliott av, Detroit, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hill-Smith Metal Goods Co. ("H S."), 82 Brookline av, Boston, Mass.
Kale Stamping Co., 1657H W. Lafayette Blvd, Detroit, Mich.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
National Fibre & Insulation Co., Yorklyn, Del.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Norwalk Auto Parts Co., Norwalk, Ohio
Reliance Engineering Co., Lansing, Mich.
Raybestos Co. ("Raybestos," "Duplex"), Bridgeport, Conn.
Royal Fibre Co., West Somerville, Mass.
Standard Parts Co., Cleveland, O.
West Leechburg Steel Co., Farmers Bank bldg, Pittsburgh, Pa.

492— Bands (Brass)

Baltimore Tube Co., Baltimore, Md.
Waterbury Brass Goods Corporation (Fancy & Perforated), Waterbury, Conn.

493— Bands (Brush)

Lothrop F. B. Co., South Acton, Mass.

Bands (Hose)

See Clamps, Hose

494— Bands (Hub & Rim)

Eastern Malleable Iron Co. ("Warner," "Locke & Jewel," "Rouse," "Kenny," "Dietz," "Sweet's Concealed," etc), Naugatuck, Conn.
Meeker Mfg. Co., Dayton, O.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

495-6— Bands (Kiln)

Arnold-Creager Co., New London, O.
Tecktonius E. C. Mfg. Co., Racine, Wis.

497— *Bands (Metal Bale)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bands (Neck Yoke)

See Irons, Neck Yoke

498— Bands (Pipe & Tank)

American Bridge Co., 30 Church, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Ballard Drop Forge Co. (Steel), Seattle, Wash.
Cambria Steel Co., Widener bldg., Phila., Pa.
Carnegie Steel Co., Carnegie Bldg, Pittsburgh, Pa.
Central Foundry Co. (For Cast Iron Pipe), 90 West, New York
Colorado Fuel & Iron Co., Denver, Col.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.

499— Bands (Polishing)

Besly Chas. H. & Co. ("Besly"), 120 N Clinton, Chicago, Ill.
Gardner Machine Co. ("Gardner"), S Beloit Div, Beloit, Wis.

499a— Bands (Projectile)

Standard Parts Co., Cleveland, O.

500— Bands (Rubber)

American Lead Pencil Co., 220 5th av, New York
Davol Rubber Co., 69 Point, Providence, R. I.
Dykema Co. (Jobbers), 640 Smithfield, Pittsburg, Pa.
Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Faber A. W., 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Goodrich B. F. Co. (For All Uses), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Tyer Rubber Co. ("Ajax"), Andover, Mass.

501— Bands (Sand & Mud)

Concord Axle Co. ("Farris"), Penacook, N. H.
Trenton Malleable Iron Co., Trenton, N. J.

502-3—Bands (Shingle, Box & Shook)

See also Box Straps
Acme Steel Goods Co. (Also Bale), 2834 Archer av, Chicago, Ill.
Carey Mfg. Co., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Hollow Cable Mfg. Co. (Patent Braided Wire Box), Hornell, N. Y.
Krenz Oscar Copper & Brass Wks., 612 Bryant, San Francisco, Cal.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Paton J. & Co. (Iron & Steel), Cleveland, O.

Bank Fixtures

See Bank & Office Fixtures, Metallic; also Store & Bar Fixtures

504— Bank Vaults

American Safe Co., Anderson, Ind.
Barnes Safe & Lock Co., 941 Liberty, Pittsburgh, Pa.
Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Cary Safe Co., Buffalo, N. Y.
Diebold Safe & Lock Co., Canton, O.
Gross-Feibel Co., Hillsboro, O.
HALL'S SAFE CO., P. O. Box 846, Cincinnati, O. *See adv index at end of book*
Harrigan Safe Co., Kansas City, Mo.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Jackson Wm. H. Company, 2-4-6 W 47th, New York
Manganese Steel Safe Co. ("Tisco" Manganese Steel), High Bridge, N. J.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Mills Wm. J., 25 Bainbridge, Brooklyn, N. Y.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., 2341 E. 69th, Cleveland, O.
Remington & Sherman Co., 359 B'way, New York
Schwab Safe Co., Lafayette, Ind.
Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
Van Dorn Iron Works Co. (Equipment), 2700 E 79th, Cleveland, O.
Victor Safe & Lock Div., The Safe Cabinet Co. (Manganese Steel), Norwood, Norwood, Cincinnati, O.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
York Safe & Lock Co., York, Pa.

505—Bank & Office Fixtures (Metallic)

Art Metal Construction Co., Jamestown, New York
Art Metal Products Co., 514 S Green, Chicago, Ill
Baldwin Brass Wks., 407 S Clinton, Chicago, Ill.
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.
Berger Mfg. Co., Canton, O.
Canton Art Metal Co., Canton, O.
Chicago Cabinet & Fixture Wks., 2016 Van Buren, Chicago, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards O. M. Co., Inc., Syracuse, N. Y.
Ehrlich H. & Sons Mfg. Co., St Joseph, Mo.
Ellison Brass Mfg. Co. (Brass & Bronze), Jamestown, N. Y.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
GENERAL FIREPROOFING CO. ("All-steel"), Youngstown, O.
See adv index at end of book
Heath J. S. Co. (Also Store), Franklin & Ontario, Chicago, Ill.
Inter-Ocean Cabinet Co. (Special), 320 S Paulina, Chicago, Ill.
Invincible Metal Furn. Co., Manitowoc, Wis.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Library Bureau, 43 Federal, Boston, Mass.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O.
Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.
Stiffel & Freeman Co., Lititz, Pa.
Steel Fixture Mfg. Co., Topeka, Kan.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.
Yawman & Eibe Mfg. Co., H, St. Paul, Rochester, N. Y.

506— Bank & Office Railings

See also Bank & Office Fixtures, Metallic
See also Fixtures, Bank, Office & Store

CALIFORNIA.

LOS ANGELES—Biescar Bros.
Niederer J. Co.
SAN FRANCISCO—California Artistic Metal & Wire Co., 349 7th
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (West M. G. Co. Agents), 353 Market
Garratt W. T. & Co., 299 Fremont
Graff A. & Sons (Brass), 39 Shipley, San Francisco, Cal.
Kehoe Display Fixture Co., 541 Market, San Francisco, Cal.
Ralston Iron Works, 20th & Indiana
Rudgar-Merle Co., 198 Bay
Sperry Wire & Iron Works, 178 Oak
West Coast Wire & Iron Works, 861 Howard

COLORADO.

COLORADO SPRINGS—Hassell Iron Works Co.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Hine Desk & Fixture Co., 1640 California)
Grauman L. Fixture Co.
Jackson-Richter Iron Works Co.
Pioneer Iron & Wire Works Co.
Verdeckberg Iron & Wire Works Co.

CONNECTICUT.

BRIDGEPORT—Barnes T. M.
HARTFORD—Howard James L. & Co.
MERIDEN—Bradley & Hubbard Mfg. Co.
NEW HAVEN—Smith Edw. F.
Smith John P. & Co.
Jelliff C. O. Mfg. Corp., Box 68
See adv index at end of book

GEORGIA.

Muller Geo. W. Bank Fixture Co.
Southern Wire & Iron Works

ILLINOIS.

CHICAGO—American Iron & Wire Works, 1622 Carroll av
Baldwin Brass Works, 407 S Clinton
Barbee Wire & Iron Works, 111 Washington
Brasco Mfg. Co., 1451 S Michigan av
Central Architectural Iron Works 53 W Jackson blvd
Coleman Adelbert E., 336 W 37th
Columbia Wire & Iron Works, 1933 W Lake
DAHLSTROM METALLIC DOOR CO., 413 Buffalo, Jamestown, N. Y., 19 S La Salle
See adv index at end of book
Deschauer Wire & Iron Works, 2009 Larrabee
Hanke Iron & Wire Wks., 800 N Albany av
Heath J. S. Co., Franklin & Ontario
Heath-Johnson Co., 300 W Ontario
Hester Mfg. Co., 1455 S Michigan av
Hickey M. H., 36 W Randolph
Imperial Brass Mfg. Co. (Brass), 524 S Racine av
See adv index at end of book
Imperial Brass Mfg. Co. (Brass), 1200 W Harrison
See adv index at end of book
Johnson Meier Co., 155 Wendell
Newman Mfg. Co., 68 W Washington
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av
See adv index at end of book
Sullivan-Korber Co., 2437 W 21st pl
United Ornamental Iron Works, 189 W Madison
Voss Fred'k, 552 W Monroe
Western Ach'l Iron Co., 211 W Schiller
Winslow Bros. Co. (Iron, Brass & Bronze), 4600 Harrison
QUINCY—Van Doorn Co.
ROCKFORD—Andrews Wire & Iron Wks
SYCAMORE—Turner Brass Works
WAUKEGAN—Cyclone Fence Co.

INDIANA.

EVANSVILLE—International Steel & Iron Co. (Wire & Iron)
Mesker Geo. L. & Co. (Wire & Iron)
INDIANAPOLIS — Dahlstrom Metallic Door Co. 413 Buffalo, Jamestown, N. Y. (Vonnegut Hdwe. Co., Agents)
Geiger & Peters
Langsenkamp E. H.
Melaun Ernest
Roch Tobias
KOKOMO—Kokomo Steel & Wire Co. (Wire & Iron)
LAFAYETTE—Barbee Wire & Iron Works
TERRE HAUTE—Up-to-Date Mfg. Co.

IOWA.

DUBUQUE—Trenk Wire Works

KANSAS.

TOPEKA—Capital Iron Works Co.
WICHITA—Christopher Geo. C. & Son

KENTUCKY.

COVINGTON—Michael's Art Bronze Co.
LOUISVILLE—Champion Wire & Iron Works
Dow Wire & Iron Works
Imperial Wire & Iron Works

MAINE.

PORTLAND—Megquier & Jones Co.

MARYLAND.

BALTIMORE—Balderston H & Son, 505 W Franklin
Chesapeake Iron Works, Westport
Dufur, Baggott & Co., 403 N Paca
Dufur & Co. (Wire), 311 N Howard
Jones L. E., 321 N Calvert
Meiser H. & Son, 304 Clay

MASSACHUSETTS.

BOSTON—Bassill Louis Co., 100 Utica
Boston Nickel Plating Co. (Brass), 160 Portland
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (W. J. Grosvenor & Co., Agents), 8 Beacon
Hub Wire Cloth & Wire Work Co., 108 Portland
McGANN T. F. & SONS CO., 117 Portland
See adv index at end of book
Morss & Whyte Co., Sidney & Pilgrim
Nelson Bros., 62½ Thayer
Scrannage Bros. (Brass), 77 Travers
Whyte Oliver & Co., 21 Cornhill
GLOUCESTER—Success Mfg. Co.
SPRINGFIELD—Bigelow Cheney Wire Works
WORCESTER—Wickwire Spencer Steel Corp.
See adv index at end of book

MICHIGAN.

DETROIT—Acme Fancy Wire Works, Canfield & Moran
Art Brass & Wire Works, Forest & Ellery
Barnum E. T. Wire & Iron Works, 864 Woodward
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (2303 Dime Savings Bank bldg)
De Croupet Iron Works, 345 Monroe av
Detroit Arch'l Iron Works Co., Book bldg
Detroit Wire & Iron Works, 1160 Jefferson av E
Inglis Wm., Wire & Iron Works, 61 Woodbridge
Kirby & Daquindre
See adv index at end of book
Mansfield Steel Corp., 288 Milwaukee av E.
Phoenix Wire Wks., Kirby & Dequindre
GRAND RAPIDS—Grand Rapids Ornamental Iron & Wire Works
Metal Office Furn. Co.
Weatherly Co. (Brass & Iron)

MINNESOTA.

MINNEAPOLIS—Builders Iron Works Co., 1815 University av
Crown Iron Works Co., 1229 Tyler
Flour City Ornamental Iron Co., 27th & 27th av
Kienzle-Merrick Mfg. Co., 1214 S 3d
Minneapolis Ornamental Iron Co., 143 27th av S E
Twentieth Century Brass Works, 514 5th av S
ST. PAUL—Herzog Iron Works
Twin City Iron & Wire Works, 25 W Water

MISSOURI.

KANSAS CITY—Central Brass Works Co., Goodrich & Central
Kansas City Wire & Iron Works
Kleeman L. F. Mfg. Co., 1923 Central
Loewer John E. Wire & Iron Works Co., 914 Campbell
Southwest Wire & Iron Works Co.
Tilk Frank Ornamental Iron Works Co., 211 W 19th
ST. JOSEPH—Voltz Mfg. Co., 914 Penn.
ST. LOUIS—Kraushaar Brass Mfg. Co., 919 Pine
Lasar Ornamental Iron Co., 16th & O'Fallon
St. Louis Brass Mfg. Co., Jefferson & Washington av
St. Louis Wire & Iron Co., 926 Chouteau av

MONTANA.

HELENA—Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Raymond C. Grant Power Block Annex)

NEW JERSEY.

NEWARK—Gould's M. Son & Co. (Brass & Bronze), 115 Lafayette
Industrial Wire & Metal Works, 95 High
Riley-Klotz Mfg. Co., 17 Mulberry (Square Tubing)
Storsberg Fritz Co., 20 Atlantic

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—BUFFALO WIRE WORKS CO., 453 Terrace.
See adv index at end of book
Sanford Thomas F., 84 B'way
Zero Valve & Brass Mfg. Co. (Brass Only)
JAMESTOWN—Art Metal Construction Co.
Dahlstrom Metallic Door Co., 413 Buffalo
Ellison Brass Mfg. Co. (Brass & Bronze)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Brass Fixture Works (Brass & Bronze), 66 Greenpoint av
Grosback Wm. & Co., 37 Maspeth av
Hecla Iron Works (Iron, Brass & Bronze), 118 N 11th
Mills W. J., 25 Bainbridge
Penn. Brass & Bronze Works (Brass, Bronze, etc), 111 Dobbin

Boroughs of Manhattan and Bronx.

New York-Bataille, Achille & Co., 587 Hudson.
Brinkerhoff's J. P. Sons, 57 Dey
Cabaret Paul E. & Co. (Bronze), 126 11th av
Chapman Wm. O. Co., 30 Church
Coco Bros., 13 Baxter
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y., 130 E. 15th
Empire Brass & Metal Works, 29 W 34th
Estey Wire Works Co., 34 Cliff
Fiske J. W. Iron Works, 111 Park pl
Gorham Co. Arch'l Bronze, 5th av & 36th; Works: Providence, R. I.
Guerin P. E. (Inc.), 21 Jane
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron & Brass), 20 Exchange pl
Hopkins & Co., 199 Franklin
Howard & Morse, 45 Fulton
Hungerford U. T. Brass & Copper Co. (Of all Descriptions), 80 Lafayette
Jackson Wm. H. Company (Bank Counter Screens a Specialty), 2 W 47th
Janusch Mfg. Co. (Brass & Bronze), 496 E 134th
Manhattan Brass Co., 332 E 28th
New York Brass & Wire Works Co., 177 Grand
Pitt, Wm. R, Composite Iron Works, 548 W. 27th
Stolp Oscar, 20 Fletcher
Thompson Hervey, 233 B'way
Tiffany Studios, 361 Madison av
TYLER W. S. CO. (of Cleveland, O.), 200 5th av
See adv index at end of book
Wells Architectural Iron Co., River av & 151st
Williams George A. & Son, 85 Fulton
Williams John, Inc., 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co., Ridge
MASPETH—Richey, Brown & Donald, Flushing av

(End of New York City)

NORWICH—Norwich Wire Works
ROCHESTER—Snow Wire Works Co.
White Wire Works Co.
SYRACUSE—Edwards O. M. Co., Inc.
Smith & Caffrey Co.
Syracuse Wire Wk., 101 University av, New York

OHIO.

AKRON—Ornamental Iron Works Co.
CANTON—Columbia Iron & Wire Works Co.
CINCINNATI—Cincinnati Mfg. Co.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Dahlstrom Sales Co., 702 Mercantile Library bldg.)
Kamman Walter, 3258 Spring Grove av
Kinsley John R., 115 E 6th
NEWMAN MFG. CO., 722 Sycamore,
See adv index at end of book
Schreiber L. & Sons Co., 3869 Ivanhoe
CLEVELAND—Cleveland Art Metal Co., 3620 Superior
DAHLSTROM METALLIC DOOR CO., 413 Buffalo st, Jamestown, N. Y. (Cleveland Fireproofing Equipment Co., Agents), 725 New Guardian bldg *See adv index at end of book*
Sheer Bros. Fence & Iron Co., 715 E 103rd
Steelite Co., 1902 W 77th, Cleveland, O
TYLER W. S. CO. (Bronze)
See adv index at end of book
Van Dorn Iron Works Co., 2700 E 79th
COLUMBUS—Columbus Brass Co. (Brass & Bronze), 538 Dublin av
See adv index at end of book
Columbus Wire & Iron Works Co.
Ohio Elevator & Machine Co.
DAYTON—Plocher Andrew Sons Co.
HAMILTON—MEYERS FRED J. MFG. CO. *See adv index at end of book*
SPRINGFIELD—Bayley Wm. Co.
TOLEDO—Milmine H. B. & Co.
Toledo Wire & Iron Works

OKLAHOMA.

OKLAHOMA CITY—Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (James Russ Co., Agts), 118 Colcord Bldg.

OREGON.

PORTLAND—Portland Wire & Iron Works
Tuerck I. K.

PENNSYLVANIA.

PHILADELPHIA—Biggin Chas. P. Co., 1829 Harlan
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Cooper & Lucas Agts.), 835 Real Estate Trust bldg.)
Darby Edw. & Sons Co., 412 N 18th
Gensel Frederick & Co., 911 Vine
Giese Mfg. Co., 260 S 5th
Halstead & Co., 1129 Cherry
Midland Metal Co. (Inc.), 21st & Jefferson
Nacke A. & Son, 236 S 9th
Pettit Frank Ornamental Iron Works, 809 Master
PITTSBURGH—Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Simons, Brittain & English, Agts.,), 1703-4 Oliver bldg.)
McKenna Brass & Mfg. Co., Inc. (Brass & Bronze), 1st av. & Ross
Pittsburgh Brass Mfg. Co., Penn & 32nd
Sommerville Iron & Bronze Co., 5641 Butler
Taylor & Dean, Penn av & 25th
READING—Remppis W. F. Iron Works, 226 Spruce
SCRANTON—American Safety Lamp & Mine Supply Co.
Sranton Iron & Steel Co.

RHODE ISLAND.

PROVIDENCE—Blaisdell S. S. Machine Co. (Brass), 228 Aborn
What Cheer Wire Works, 157 Dorrance

TENNESSEE.

CHATTANOOGA—Standard Iron & Wire Wks.

TEXAS.

DALLAS—Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Gilbert Mfg. Co., Agts.), 1209½ Main
HOUSTON—Berger A. A. & Co.

UTAH.

SALT LAKE CITY—Crager Wire & Iron Works

VIRGINIA.

NORFOLK—Norfolk Iron & Wire Works, (Inc.)
RICHMOND—Richmond Structural Steel Co., 18th & Dock

WASHINGTON.

SEATTLE—Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y. (Camp-Te Roller Agts.), 530 Colman bldg.)
Pacific Ornamental Iron Co.
SPOKANE—Spokane Ornamental Iron & Wire Works

WEST VIRGINIA.

WHEELING—Harris P. S.

WISCONSIN.

MILWAUKEE—Globe Wire & Iron Works, Atkinson av
Loeffelholz Co., 170 Clinton
Wisconsin Iron & Wire Works

507— Banks (Savings)

American Badge Co. (Toy), 143 W Austin av, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
Bogert & Hopper, Inc. (Wood, Toy, etc.), 57 Barclay, New York
See adv index at end of book
Burns W. F. Co., 38 S Dearborn, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Dickey Grabler Works, Of the Bankers' Savings & Credit System Co., W. Madison & 103d, Cleveland, O.
Durable Toy & Novelty Co., 44 Union sq, New York
Estes E. B. & Sons (Toy, etc.), 364 5th av New York *See adv index at end of book*
Grey Iron Casting Co. (Iron Toy), Mt. Joy, Pa.
Hubley Mfg. Co., Lancaster, Pa.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Ives Mfg. Corp., Bridgeport, Conn.
Kenton Hardware Co. (Iron & Steel), Kenton, O.
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.
Novitas Sales Co., Waltham, Mass.
Sager Lock Co. ("Harper"), North Chicago, Ill.
Williams A. C. Co., Ravenna, O.

508— Bar Bell

Sperry D. R. & Co. (Adjustable), Batavia, Ill.

509—10 *Bar Brass or Bronze

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book
Erie Bronze Co., 353 W 19th, Erie, Pa.
Martin & Anson Co. (Cored & Solid Bronze), 2226 Indiana av., Chicago, Ill.

Bar Iron or Steel

See Iron Bar Mills; also Steel Bar Mills

511— Barge Builders

See also Ship Builders

American Bridge Co. (Steel), 30 Church, New York
American Car & Foundry Co. (Steel & Wooden), Syndicate Trust bldg, St. Louis, Mo.
American Steel Dredge Co. (Steel), Ft. Wayne, Ind.
Carroll-Porter Boiler & Tank Co. (Steel), Empire bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS (Steel), 2105 Old Colony bldg, Chicago, Ill. *See adv index at end of book*
Coastwise Ship Bldg Co. (Wood), ft. of Andre, Baltimore, Md.
Cramp Wm. & Sons Ship & Engine Building Co. (Steel), Beach & Ball, Philadelphia, Pa.
Dubuque Boat & Boiler Works (Steel & Wooden), Dubuque, Ia.
Ferguson Steel & Iron Co. Inc., Buffalo, N. Y.
Harlan & Hollingsworth Corporation (Steel), ft of West, Wilmington, Del.
Henderson, W. D., H. Monadnock bldg., San Francisco, Cal.
Interocean Barge & Transport Co. (concrete), Seattle, Wash.
Manitowoc Ship Building Co., Manitowoc, Wis.
McLean Contracting Co., Fidelity bldg, Baltimore, Md.
Midland Barge Co. (Steel), Midland, Pa.
Newport News Ship Building & Dry Dock Co. (Steel), 233 B'way, New York
PITTSBURGH-DES MOINES STEEL CO. (Steel), 304 Curry bldg., Pittsburgh, Pa. *See adv index at end of book*
San Francisco Shipbuilding Co. (concrete), 310 California, San Francisco, Cal.
Southern Boiler & Tank Works (Steel), Memphis, Tenn.
Stolz Jos. & Son, Inc. (Steel), 841 E 136th, New York
Union Iron Works Co. (Steel), 20th & Michigan, San Francisco, Cal.
Union Shipbuilding Co. (Steel), Fairfield, Md.
Woodall Wm. E. & Co., ft. of Woodall, Baltimore, Md.

511a— Barge Builders (Concrete)

Ambursen Construction Co., 61 B'way, New York.
Brown Louis L. Co., 30 Church, New York
Clarke Martin Shipbuilding Co., Catskill, New York
Concrete Ship Moulding Co., Seattle, Wash.
Fougner Concrete Shipbuilding Co., 50 Pine, New York
Interocean Barge & Transport Co., Seattle, Wash.
Klinberg W. & Son, 50 Church, New York
Liberty Ship Building & Transport Co., Cleveland, O.
Maritime Engineering Co., 50 E. 42nd, New York
San Francisco Shipbuilding Co., 310 California, San Francisco, Cal.

512— Barium

Durex Chemical Corp., 320 5th av, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co. (Carbonate, Precipitated), Elec. bldg, Cleveland, O.
McKesson & Robbins (Imp), 91 Fulton, New York
Port Morris Chemical Wks, 141st & Locust av, New York
Roessler & Hasslacher Chemical Co. (Nitrate), 709 6th av, New York
Rollin Chemical Corp., 120 Broadway, New York
Wiarda John C. & Co. (Carbonate, Fluoride & Sulphate), 273 Greene, Brooklyn, N. Y.

512a— Barium Acetate

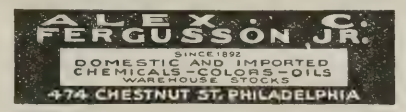
Dissosway-Schad Co., Inc., 830 Humboldt, Brooklyn, N. Y.
Klipstein A. & Co., 644 Greenwich, New York
Squibb E. R. & Sons, 78 Beekman, New York

512b— Barium Bromide

Dow Chemical Co., Midland, Mich.

512c— Barium Carbonate

Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Durex Chemical Corp., 320 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book



Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Wks., 141st & Locust av, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
ROLLIN CHEMICAL CORP., 120 B'way, New York *See adv index at end of book*
Uhlich Paul & Co., Pure Precipitated, 11 Cliff, New York

513— Barium Chloride

Block Chemical Wks, Berkeley Hts., Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
Du Pont, E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Wks, 141st st & Locust av, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Rollin Chemical Corp., 120 Broadway, New York
Sergeant, E. M. Co., 15 E. 26th, New York *See adv index at end of book*
Uhlich Paul & Co. (Pure Precipitaded), 11 Cliff, New York.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

514— Barium Cyanide

Hachmeister-Lind Chemical Co. "Sustanol," Pittsburgh, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

514a— Barium Fluoride

Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield John W. 248 N 10th, Brooklyn, N. Y.
Vitro Manfg. Co., H Bessemer bldg., Pittsburgh, Pa.

515— Barium Hydrate

Chicago Copper & Chemical Co. (Barium Hydrate or Hydrate of Barytes), Western Union bldg, Chicago, Ill.
Durex Chemical Corp., 320 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

516— Barium Nitrate

Bischoff C. & Co. (Imp), 451 Washington, New York
Block Chemical Wks, Berkeley Hts., Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
Du Pont E I de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York
Farmingdale Chemical Wks, Inc., Farmingdale, L. I., N. Y.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hummel & Robinson, 26 Cortlandt, New York
Marden, Orth & Hastings Co., 136 Liberty, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Works, 141st & Locust av, New York
Rollin Chemical Corp., 120 B'way, New York

517— Barium Peroxide

Bischoff C & Co. (Imp), 451 Washington, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Rollin Chemical Corp., 120 Broadway, New York

517a— Barium Salts

Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

518— Barium Sulphate

Block Chemical Wks, Berkeley Hts., Newark, N. J.
Durex Chemical Corp., 320 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co. (For X-Ray Work), 45 Park Pl, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Rollin Chemical Corp., 120 Broadway, New York
Sergeant, E. M. Co., 15 E. 26th, New York *See adv index at end of book*

519— Barium Sulphide

Block Chemical Wks., Berkeley Hts, Newark, N. J.
Durex Chemical Corp., 320 5th av, New York
Rollin Chemical Corp., 120 B'way, New York

520— Bark (Mangrove)

Bauer Philip Co. (Imported), 25 B'way, New York
Gravenhorst & Co. (Imp), 96 Wall, New York
Haley-Hammond Co., 129 Pearl, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York

521— Barn Equipments

Cowmatic Corp. ("Cowmatic"), Lynchburg, Va.
Hudson Mfg. Co., 324 3rd av N, Minneapolis, Minn.
Hunt-Helm-Ferris & Co., Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Libbey C. A. Co. (Stanchions), Dept. H, Oshkosh, Wis.
Louden Machinery Co., Fairfield, Ia.
Mitchell Mfg. Co., Milwaukee, Wis.
Porter J. E. Co., Ottawa, Ill.

521a—Barographs and Barometers (Aeroplane)

Green Hy. J., 1191 Bedford av, Brooklyn, N. Y.
Haustetter A., 308 Madison av, New York
Sussfeld, Lorsch & Co., 90 Maiden la, New York.
Taylor Instrument Co's, Rochester, N. Y.

522-3— Barometers

American Thermo Ware Co., 16 Warren, New York
Bliss John & Co. (Imp), 128 Front, New York
Braun-Knecht-Heimann Co. (Mercurial), 576-584 Mission, San Francisco, Cal.
Chaney Mfg. Co., Springfield, O.
Draper Mfg. Co., 152 Front, New York
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Elliott B. K. Co. (Aneroid), 126 6th, Pittsburgh, Pa.
Fleischhauer F. & Son, Hollis, Long Island N. Y.
Freas Francis L., Conshohocken, Pa.
Green Henry J. (Aneroid & Mercurial), 1191 Bedford av, Brooklyn, N. Y.
Keuffel & Esser Co. (Aneroid), Hoboken, N. J.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
McCoy Joseph F. Co., 157 Chambers, New York
Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Philadelphia, Pa.
Queen-Gray Co. (also Barographs), 644 W. Johnson, Philadelphia, Pa.
Sussfeld, Lorsch & Co. (Imp), 90 Maiden Lane, New York
Tagliabue Chas. J. Mfg. Co. (Mercury), 18 33d, Brooklyn, N. Y.
Taylor Instruments Companies ("Tycos" of All Kinds), Rochester, N. Y.

BAROMETERS—continued

Wagner Bros. & Co. (Importers), 71 W 23d, New York
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Weinhagen & Hespe (Imp.), 159 Leonard, New York

Barrel Packers

See Packing Machines; also Bag Filling Machines

Barrels (Bilge)

See Barrels, Steel Shipping, with the Word Bilge Following Their Names

523a— *Barrels (Burnishing)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book

523b—*Barrels (Candy Miniature)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 64 5th av, New York
See adv index at end of book

524— Barrels (Chlorinating)

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

525-6—Barrels (Clean Up or Amalgam)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

527— Barrels (Cyanide)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

527a— Barrels (Fibre)

Everett Fibre Products Corpn., 347 Madison av, New York
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

528—Barrels (Gasoline Underground Storage)

Meurer Steel Barrel & Co., Inc. ("Anchor"), 23 W 43rd, New York
Scaife Wm. B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

528a— Barrels (Gun & Rifle)

Avis Gun Barrel Co., New Haven, Conn.
Avis S. R. & Sons (Inc.), 198 Brown, New Haven, Conn.

529— Barrels (Japanning)

Baird Machine Co. (Also Tumbling Barrels), Bridgeport, Conn.

530— Barrels (Oil)

Atlantic Tank & Barrel Corp., Hoboken, N. J.
Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
California Barrel Co., 433 California, San Francisco, Cal.
Gulf Cooperage Co., Frick Annex, Pittsburgh, Pa.
International Package Co., 109H Broad, New York
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
McArdle & Co. (Wood), 38th pl & Gage, U. S. Yards, Chicago, Ill.
Penna. Cooperage Co. (All Sizes & Styles), Oil City, Pa.
Pressed Steel Products Co., Sharon, Pa.
Rush H. G. Cooperage Co. (Tight Wooden), Oil City, Pa.
Scaife Wm. B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Toledo Steel Barrel Co., Toledo, Ohio.

531-2—Barrels (Plating & Galvanizing)

Boissier Electric Co., 205 W 19th, New York
HENDERSON BROS. CO., 133 S. Leonard, Waterbury, Conn.
Klauder-Weldon Dyeing Machine Co. ("Acme," Oblique), Yardley, Pa.
L'Hommedieu Chas. F. & Sons Co. ("Reliance"), 4521 Ogden av., Chicago, Ill.
Munning A. P. & Co. ("Nonesuch"), Matawan, N. J.
National Galvanizing & Plating Equip. Corp., 52 B'way, New York
Sievering Philip (Plating), 408 Broome, New York
U. S. Electro Galvanizing Co. (Automatic Self Emptying), 36 Stockton, Brooklyn, N. Y.

533— Barrels (Second-Hand)

Acme Barrel Co., 2235 W Grand av, Chicago, Ill.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.
Du Pont E. I. de Nemours & Co., Inc., Salvage & Reclamation Div., Wilmington, Del. *See adv index at end of book*
Engel Bros., 1153 Center, Chicago, Ill.
Gerold Frank Co., 453 N Green, Chicago, Ill.
Heidt C. & Son, 64 Fairmount, Jersey City, N. J.
Hempstead John, Waterford, N. Y.
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Kirk, Joseph H. Co., 725 W. 31st, Chicago, Ill.
McArdle & Co. (Dlrs. in Barrels of All Kinds, Brandy, Chemical Cider, Vinegar, Lard, Molasses & Syrup, Oil, Pickle, Pork, Turpentine, Whiskey, Gin, Wine & Wood Alcohol, also Half Barrels), 38th pl & Gage, U. S. Yards, Chicago, Ill.
Maguire Bros. Co. (Lime & Cement), 820 Girard av, New York
Martin Bros. Co., Toledo, O.

534—Barrels (Sheet Steel Shop)

See also Barrels, Steel Shipping

Butler Mfg. Co. (Welded Oil), Kansas City, Mo.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Detroit Range Boiler & Steel Barrel Co., 619 24th, Detroit, Mich.
Draper Mfg. Co., 3603 E 82nd, Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Koven L. O. & Bro. (Also Half Barrels), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Mossberg Frank Co. (With or Without Casters), Attleboro, Mass.
Mullins Body Corp., Dept. H, Salem, Ohio
Ohio Corrugating Co., Warren, O.
Ohio Galvanizing & Mfg. Co., Niles, O.
OHIO MFG. CO. (Foundry & Truck Barrels), P O Box 136, Plainesville, O.
See adv index at end of book
Peoria Can Co. (For Sweeping Compounds, Coffee, Crackers, Powders of All Kinds, Plain or Decorated), Peoria, Ill.
Pressed Steel Tank Co. (Seamless), 58th & Greenfield av, Milwaukee, Wis.
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
Toledo Steel Barrel Co. ("Bull Dog"), Toledo, Ohio
Welded Steel Barrel Corp. (Welded), Hart av & Charlevoix, Detroit, Mich.
Wilson, Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

535—Barrels (Steam Drying)

Austin Welding Works (Water), 555 W Quincy, Chicago, Ill.
Baird Machine Co. (Also Fanning Mills), Bridgeport, Conn.
HENDERSON BROS. CO., 133 S Leonard, Waterbury, Conn.

536—Barrels (Steel Shipping)

See also Barrels, Sheet Steel Shop

American Steel Package Co., Defiance, O.
Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Boyle Mfg. Co., 5100H Santa Fe av., Los Angeles, Cal.
Butler Mfg. Co., 900 6th av, S E, Minneapolis, Minn.
Chambers, Bering Quinlan Co. (Binged, Light Slack), Decatur, Ill.
Cleveland Steel Barrel Co., 9612 Meech av, Cleveland, O.
Detroit Range Boiler & Steel Barrel Co. ("Perfect" Bilge Type), 619 24th, Detroit, Mich.
Draper Mfg. Co., 3603 E 82nd, Cleveland, Ohio
Hutchins Car Roofing Co. (Drums), Ford bldg, Detroit, Mich.
Hydraulic Pressed Steel Co. (Seamless Steel), 3152 E 61st, Cleveland, O.
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Kretchmer Mfg. Co., Council Bluffs, Ia.
Mahoning Steel Products Co., Warren, O.
Meurer Steel Barrel Co., Inc. ("Anchor"), 23 W 43rd, New York
Metal Barrel Co. ("Hercules Welded"), Galesburg, Ill.
Monarch Mfg. Co., Council Bluffs, Ia.
Mullins Body Corp., Dept. H, Salem, Ohio
National Enameling & Stamping Co. ("Nesco" Welded, Painted or Galvanized), 411 5th av, New York
National Steel Barrel Co., Cleveland, Ohio
Ohio Corrugating Co., Warren, Ohio
Ohio Mfg. Co., P O Box 136, Plainesville, O.
See adv index at end of book
Peoria Can Co., Peoria, Ill.
Pressed Steel Products Co. ("G-E-M," Steel Bilge Type), Sharon, Pa.
Pressed Steel Tank Co. (Seamless Pressed), 58th & Greenfield av, Milwaukee, Wis.
St. Louis Steel Barrel Corp'n, B'way, Benton & 9th, St. Louis, Mo.
Steel Barrel Co. of Am., 29 B'way, New York
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
SCAIFE, WM. B. & SONS CO., First Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Toledo Steel Barrel Co. ("Bull Dog"), Toledo, Ohio
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Whitaker-Glessner Co., Portsmouth, Ohio
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*
Wilson & Bennett Mfg. Co. (Plain Steel or Galvanized), 65th pl & S. Menard av, Chicago, Ill.

537—Barrels (Steel, Tin Lined)

Meurer Steel Barrel Co., Inc. ("Anchor"), 23 W 43rd, New York
Trageser John Steam Copper Works (Block Tin Lined for Lacquers, etc), 447 W 26th, New York

537a— Barrels (Sugar)

INTERNATIONAL PACKAGE CO. INC., 111 Broad, New York
See adv index at end of book

NEW
SECOND HAND **SUGAR BARRELS**

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537b— *Barrels (Tack)

BOGERT & HOPPER, INC. (Wood Miniature), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS, (Wood Miniature), 364 5th av, New York.
See adv index at end of book
International Package Co., Inc., 111 Broad, New York *See adv index at end of book*

538—Barrels (Tumbling or Rumbling)

See also Mills, Tumbling; also Mills, Water Cinder; also Mills, Exhaust Tumbling

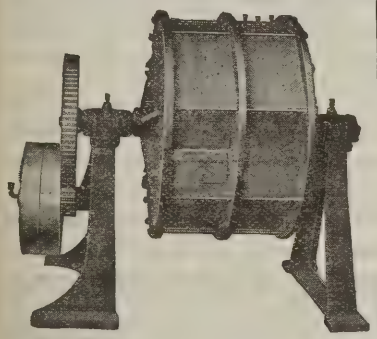
Abbe Paul O., Inc., 924 Johnston bldg., New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
ABBOTT BALL CO. ("Abbott," Steel Ball Process), Elmwood Station, Hartford, Conn. *See adv index at end of book*

THE ABBOTT

Burnishing Barrels with Special Steel Burnishing Balls

offers a

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One of our Barrels with Our Special Steel Burnishing Balls will finish a bushel of Small Parts at a load.

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Elmwood Station
HARTFORD, - CONN.

Baird Machine Co. ("Baird" Oblique Tilting, Dry, Wet & Steam Drying, etc), Bridgeport, Conn.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Barnett Oscar Foundry Co. ("Barnott's" Hexagon), Irvington, N. J.
Brass Founders Supply Co. (Tilting, Oblique Tumbers for Brass Fdrs., also Dry & Wet Tumblers), Wilson av, Newark, N. J.
Falls Clutch & Machinery Co. (Foundry), Cuyahoga Falls, O.
Foundry Equipment Co., 1833 Columbus Rd, Cleveland, O.
Globe Machine & Stamping Co., ("Globe" Tilting; also Horizontal), 1250 W 76th, Cleveland, O.
HENDERSON BROS. CO. (Tumbling All Kinds), 133 S Leonard, Waterbury, Conn.
Ideal Concrete Machy. Co., 1346 Monmouth av., Cincinnati, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
L'Hommedieu Chas. F. & Sons, 4521 Ogden av., Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Middleditch Benj. (Tilting), Detroit, Mich.
Northern Engineering Works (Foundry), 210 Chene, Detroit, Mich.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Peckham Mfg. Co. (For Dry Tumbling), 244 South, Newark, N. J.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Royersford Foundry & Machine Co., Royersford, Pa.
Sievering Philip (Tumbling), 408 Broome, New York
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Standard Machinery Co., Providence, R. I.
Tessmer Mach. & Tool Co., 1425 Rivard, Detroit, Mich.
Vaughn Machinery Co. (Chain & Nail, Nail Rattlers), Cuyahoga Falls, O.
See adv index at end of book
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

539—Barrels (Tumbling, Sand Blast)

Betton J. M. ("Drucklieb"), 59 Pearl, New York
Ideal Concrete Machy. Co., 1346 Monmouth av., Cincinnati, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rich Foundry Equipment Co., 2528 W. 48th st, Chicago, Ill.
Standard Equipment Co. ("Standard" Rolling), 185 Church, New Haven, Conn.
Tilghman Brookshank Sand Blast Co. ("Tilghman," "Matthewson"), 1126H S. 11th, Philadelphia, Pa.

540— Barrels (Tumbling, Steel Ball)

Abbe Paul O., Inc., 924 Johnston bldg., New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
ABBOTT BALL CO. ("Abbott" for Burnishing & Polishing), Elmwood Station, Hartford, Conn.
See adv index at end of book
Globe Machine & Stamping Co. ("Globe" for Burnishing), 1250 W 76th, Cleveland, O.

541—Barrels (Wire Thrashing)

Farrel Foundry & Machine Co., Ansonia, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

542—*Barrels (Wood, Miniature)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

543— Barrels (Working)

Aldrich Pump Co., Allentown, Pa.
See adv index at end of book
Aldrich Pump Co., Dept. H, Allentown, Pa.
American Well Works, Aurora, Ill.
See adv index at end of book
Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Cook August D., Lawrenceburg, Ind.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Deming Co., Salem, Ohio
See adv index at end of book
Franklin Valveless Engine Co., Dept. H, Franklin, Pa.
Goulds Mfg. Co., Seneca Falls, N. Y.
See adv index at end of book
Hough Chas. N. Mfg. Co. (Cast Iron, Seamless, Cold Drawn Steel & Seamless Brass), Franklin, Pa.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Luitwieler Pumping Engine Co., Rochester, N. Y.
McDonald A. Y Mfg. Co., Dubuque, Ia.
McGregor Working Barrel Co., Bradford, Pa.
Myers F. E. & Bro. (Power & Hand), 900 Fourth, Ashland, Ohio
See adv index at end of book
National Tube Co., Frick bldg, Pittsburgh, Pa.

543a—Barriers (Stone, for Electrical Power & Sub Stations)

Alberene Stone Co., 223 E 23rd, New York
Euclid Stone & Brick Co., Cleveland, O.

544—Barrows (Baggage & Express)

Clark Geo. P. Co., Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fischer, Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jackson Mfg. Co. (Express Only), 4th & Boyd, Harrisburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KILBOURNE & JACOBS MFG. CO., Columbus, O. *See adv index at end of book*
STANDARD THE SCALE AND SUPPLY CO. (Coke Foundry), 1631 Liberty av, Pittsburg, Pa. *See adv index at end of book*

545— Barrows (Brick)

Anderson Fdy. & Machine Works, Anderson, Ind.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co. (Steel Frame), P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Fairbanks Co., 416 Broome, New York.
Freese E. M. & Co., Galion, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio.
See adv index at end of book
International Clay Machinery Co., Dayton, O.
Jackson Mfg. Co., Harrisburg, Pa.
KILBOURNE & JACOBS MFG. CO. (Steel & Wooden), Columbus, O.
See adv index at end of book
Phillips, Doup & Co. ("National") 60 Pearl, Brooklyn, N. Y.
Potts C. & A. & Co., 816 W Wash av., Indianapolis, Ind.
Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
STERLING WHEELBARROW CO. ("Sterling"), Milwaukee, Wis.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
Wellington Machine Co., Wellington, O.

Barrows (Charging)

See Barrows, Furnace Charging

546— Barrows (Coke)

Akron Cultivator Co. (Steel), Akron, O.
American Steel Scraper Co., Sidney, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bryan Mfg. Co., P O Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Connellsville Iron Works ("Connellsville" Steel Angle), Connellsville, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Fairbanks Co., 416 Broome, New York.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Jackson Mfg. Co., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*
McWhinnie Thos., Poughkeepsie, N. Y.
Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
Sterling Wheelbarrow Co., West Allis, Wis.
See adv index at end of book
Weimer Machine Works Co. (Standard Large Square, etc), Lebanon, Pa.

547—Barrows (Concrete & Mortar)

See also Carts, Concrete

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. ("Crown Regal"), Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P O Box D, Bryan, O.
Chattanooga Wheelbarrow Co. ("Chattanooga"), Chattanooga, Tenn.
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

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Jackson Wheelbarrows, Concrete Carts and Mortar Pans



Every One Built for Service

Deep Pressed Trays
Without Seams

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JACKSON MFG. CO., 4th & Boyd, Harrisburg, Pa.
See adv index at end of book

Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
See adv index at end of book

McWhinnie Thos., Poughkeepsie, N. Y.

Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.

Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

Puffer-Hubbard Mfg. Co. (Steel Tray, Steel Wheels, Wood Handles), 32d av S & 26th, Minneapolis, Minn.

Ransome Leach Machinery Co. (Steel), 115 B'way, New York

Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

Sidney Steel Scraper Co. ("U. S."), Sidney, O.

Smith T. L. Co. ("Smith"), 1151 32nd, Milwaukee, Wis.
See adv index at end of book

Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

STERLING WHEELBARROW CO. ("Ajax," "Eureka," Self-Lubricating), Milwaukee, Wis.

Syracuse Chilled-Plow Co., Syracuse, N. Y.

Toledo Wheelbarrow Co. ("Bull Frog" Steel Tray), 2400 B'way, Toledo, O.

Barrows (Contractors')

See Barrows, Various Kinds

548—Barrows (Folding, Steel Frame)

Bryan Mfg. Co., P. O. Box D, Bryan, O.

549— Barrows (Foundry)

See also Barrows, Furnace Chargings

Akron Cultivator Co., Akron, O.

American Steel Scraper Co., Sidney, O.

Biehl Iron Works, Inc., Reading, Pa.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Chattanooga Wheelbarrow Co, Chattanooga, Tenn.

Dopp J. W. & Co. (Dealers), 18 W. Columbia, Detroit, Mich.

Fairbanks Co., 416 Broome, New York

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

Jackson Mfg. Co., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*

McWhinnie Thos., Poughkeepsie, N. Y.

Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

Sidney Steel Scraper Co., Sidney, O.

Standard The Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

STERLING WHEELBARROW CO. ("Sterling" All-Steel Tubular Frame), Milwaukee, Wis.

Syracuse Chilled Plow Co. (Steel Tray, Tubular), Syracuse, N. Y.

Toledo Wheelbarrow Co ("Bull Frog") 2400 B'way, Toledo, O.

550—Barrows (Furnace Charging)

Akron Cultivator Co. (Automatic Dump), Akron, O.

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.

Consolidated Iron Works, Hoboken, N. J.

Fabricated Steel Products Corp., Box 505, Leetonia, O.

Fairbanks Co., 416 Broome, New York

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

JACKSON MFG. CO., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*

KILBOURNE & JACOBS MFG. CO., Columbus, O. *See adv index at end of book*

Penn Fdry. & Mfg. Co., Reading, Pa.

Petty J. K. & Co. (Lebanon Boiler Wks), (With Fallers Axles), Stephen Girard bldg, Philadelphia, Pa.; Works: Lebanon, Pa.

Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

Sidney Steel Scraper Co., Sidney, O.

STERLING WHEELBARROW CO., Milwaukee, Wis.

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Syracuse Chilled Plow Co., Syracuse, N. Y.

Watt Mining Car Wheel Co., Barnesville, Ohio

Weimer Machine Works Co., Lebanon, Pa.

551— Barrows (Garden)

American Steel Scraper Co., Sidney, O.

Ashboro Wheelbarrow Co., Ashboro, N. C.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Chattanooga Wheelbarrow Co. ("Golden Rod," "Dixie Queen"), Chattanooga, Tenn.

Fairbanks Co., 416 Broome, New York

Harrison W. R. & Co., Massillon, O.

KILBOURNE & JACOBS MFG. CO. ("Victor," etc.), Columbus, O.
See adv index at end of book

McWhinnie Thos. ("Hudson River," "Dutchess," "New 1903 Metropolitan"), Poughkeepsie, N. Y.

Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.

Puffer-Hubbard Mfg. Co. ("American"), 32d av & S 26th, Minneapolis, Minn.

Ross Bros. Co. ("Nuway"), 90 Front, Worcester, Mass.

Sidney Steel Scraper Co. ("U. S."), Sidney, O.

Sterling Wheelbarrow Co., Milwaukee, Wis.

Syracuse Chilled Plow Co., Syracuse, N. Y.

Tanner D. F., Holland, N. Y.

Toledo Wheelbarrow Co. ("Toledo Clipper," etc), 2400 B'way, Toledo, O.

551a— Barrows (Hand)

Jackson Mfg. Co. (Steel), 4th & Boyd, Harrisburg, Pa.
See adv index at end of book

Syracuse Chilled Plow Co., Syracuse, N. Y.

552—Barrows (Locomotive Coal Station)

Akron Cultivator Co., Akron, O.

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.

Jackson Mfg. Co., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*

Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O. *See adv index at end of book*

553—Barrows (Ore & Pig Iron)

Akron Cultivator Co., Akron, O.

American Steel Scraper Co., Sidney, O.

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book

Biehl Iron Works, Inc., Reading, Pa.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Fairbanks Co., 416 Broome, New York

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

Jackson Mfg. Co., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*

Kilbourne & Jacobs Mfg. Co. (Bolted), Columbus, O. *See adv index at end of book*

Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.

Sidney Steel Scraper Co. ("Haslup"), Sidney, O.

STERLING WHEELBARROW CO., Milwaukee, Wis.

Syracuse Chilled Plow Co. (Steel Tray Tubular), Syracuse, N. Y.

554— Barrows (Steel Tray)

Akron Cultivator Co., Akron, O.

American Steel Scraper Co., Sidney, O.

Ashboro Wheelbarrow Co., Ashboro, N. C.

Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Chattanooga Wheelbarrow Co., Chattanooga, Tenn.

Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.

Conner J. W. & Son ("Favarit"), Orangeville, Pa.

Eagle Machine Co., Lancaster, O.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

Fox Bros. & Co., 126 Lafayette, New York

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio
See adv index at end of book

Havana Metal Wheel Co., Havana, Ill.

JACKSON MFG. CO., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Kilbourne & Jacobs Mfg. Co., Columbus, O.

Lansing Co., Lansing, Mich.

Miller E. S., Stanwood, O.

New York Wheelbarrow Wks, 180 West, New York

Nissen Geo. E. & Co., Winston-Salem, N. C.

Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.

Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.

Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.

Sellers Edward, Oak Hall Station, Pa.

Sidney Steel Scraper Co. ("Haslup"), Sidney, Ohio

Standard Mfg. Co., 41 Cortlandt, New York

Steel Basket Co. (For Coal), Cedar Rapids, Ia.

STERLING WHEELBARROW CO., Milwaukee, Wis.

Syracuse Chilled Plow Co., Syracuse, N. Y.

Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

555—Barrows (Steel Tubular, Etc.)

Akron Cultivator Co., Akron, O.

American Steel Scraper Co. (Solid Pressed Steel), Sidney, O.

Biehl Iron Works, Inc., Reading, Pa.

Bryan Mfg. Co., P. O. Box D, Bryan, O.

Chattanooga Wheelbarrow Co., Chattanooga, Tenn.

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Consolidated Iron Works, Hoboken, N. J.

Fairbanks Co. (Iron & Steel), 416 Broome, New York

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

Fox Bros. & Co., 126 Lafayette, New York

JACKSON MFG. CO. (Pressed Frames), 4th & Boyd, Harrisburg, Pa.
See adv index at end of book

Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book

Phillips, Doup & Co. ("National," "Ideal," "Perfect"), 60 Pearl, Brooklyn, N. Y.

Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.

Sidney Steel Scraper Co. ("Haslup," "U. S." & "Burro) drop frame Solid Pressed Steel), Sidney, O.

Steel Basket Co., Cedar Rapids, Ia.

STERLING WHEELBARROW CO. (Self-Lubricating), Milwaukee, Wis.

Syracuse Chilled Plow Co., Syracuse, N. Y.

Toledo Wheelbarrow Co. ("Bull Frog" & "Buckeye"), 2400 B'way, Toledo, O.

Western Iron Works, 141 Beale, San Francisco, Cal.

556— Barrows (Stone)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. (Steel Bottom, Wood Frame), Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co. (Wood, Steel, also Steel Bottom), Columbus, O.
See adv index at end of book
McWhinnie Thos., Poughkeepsie, N. Y.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup," "U. S." & "Sidney" Steel Bottom), Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

557— Barrows (Track)

American Track Barrow Co., Lowell, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

558— Barrows (Wooden)

American Steel Scraper Co., Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Chattanooga Wheelbarrow Co. ("Eureka," "Hamilton," "Chattanooga," "Tennessee"), Chattanooga, Tenn.
Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.
Defiance Box Co., Defiance, O.
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fox Bros. & Co., 126 Lafayette, New York
Harrison W. R. & Co., Massillon, O.
Jordan Wheelbarrow Co., Jordan, N. Y.
KILBOURNE & JACOBS MFG. CO., Columbus, O. *See adv index at end of book*
McWhinnie Thomas, Poughkeepsie, N. Y.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Miller E. S., Stanwood, O.
Mountville Mfg. Co., Mountville, Pa.
N. Y. Wheelbarrow Wks, 180 West, New York
Nissen Geo. E. & Co., Winston-Salem, N. C.
Patterson Mfg. Co., Holly, Mich.
Prescott Frank R. ("Peerless," "Victor," "Eureka," "Canal"), Meredith, N. H.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Standard Mfg. Co., 41 Cortlandt, New York
Sterling Wheelbarrow Co., Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
Union Mfg. & Lumber Co., Northville, Mich.

559— Bars (Angle)

Bethlehem Steel Co., So. Bethlehem, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Hot & Cold-Rolled), Ross, Pittsburgh, Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Logan Iron & Steel Co., Gerard bl., Phila., Pa.
Pardee C. Works, Perth Amboy, N. J.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York
SWEET'S STEEL CO., Williamsport, Pa. *See adv index at end of book*
Tredegar Co., ft. of 5th, Richmond, Va.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

560— Bars (Arch)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.
Fort Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind.
See adv index at end of book
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Los Angeles Fdry. Co., Los Angeles, Cal.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Valley Forging Co., Verona, Pa.
Western Steel Car & Foundry Co., 122 S Michigan av, Chicago, Ill.
Withers Foundry & Machine Works, Atlanta, Ga.

ARCH BARS AND R. R. SPECIFICATION IRON
Fort Wayne Iron Steel Rolling Mills
West Taylor St., Fort Wayne, Ind.

561— Bars (Boring)

See also Cylinder Boring Machines

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Diamond Specialty & Supply Co. ("Steinbrunn" Expansion for Car Wheels), 1225 Arch, Phila., Pa.
Elmes, Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Gisholt Machine Co. (Adjustable Cutters & Solid Cutters), Madison, Wis.
Kelly Reamer Co., 1553 Columbus rd, Cleveland, O.
Pedrick Tool & Mch. Co. (For Cylinders), 3642 N Laurence, Phila., Pa.
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Skelton Tool Co., Inc., 406 E Ash, Syracuse, N. Y.
UNDERWOOD H. B. CORP., 1025 Hamilton, Philadelphia, Pa.
Union Tool Co. ("Hill"), Orange, Mass.
Universal Boring Machine Co., Hudson, Mass.
Wellman Co. (Extension), Medford, Mass.
Williams J. H. Co. ("Agrippa" Plain & Sleeve), 31 Richards, B'klyn, N. Y.
See adv index at end of book

561a—Bars (Brass & Bronze)

AMERICAN BRASS CO., Waterbury, Conn. For Branches Offices
See adv index at end of book
Bridgeport Rolling Mills, Inc., Bridgeport, Conn.
Chase Metal Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Pa.
Connecticut Brass & Mfg. Corp. (Brass), West Chester, Conn.
JOHNSON BRONZE CO., New Castle, Pa.
Martin & Anson Co., 2226 Indian av, Chicago, Ill.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

562— Bars (Capstan)

Anchor Saw Mills Co., Memphis, Tenn.
Chase Metal Works, Waterbury, Conn.
New York Boat Oar Co., 69 West, New York
Ransome Concrete Machinery Co., Dunellen, N. J.

563— Bars (Carpenters', Etc.)

American Logging Tool Co., Evart, Mich.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Beall Bros., Inc., Alton, Ill.
Bonner Drop Forge Co., 111 W. Washington av, Chicago
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Marshalltown Trowel Co., Marshalltown, Ia.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Stanley Rule & Level Co. (Altha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn av., Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

Bars (Claw)

See Crowbar Mfrs.

563a— *Bars (Casket)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

564— Bars (Clothes)

See also Bars, Towel
Combination Ladder Co., 366 Fountain, Providence, R. I.
Eclipse Co., North Girard, Pa.
Gem Mfg. Co., North Girard, Pa.
Geneva Mfg. Co., Geneva, Ill.
Hopkins Frank & Co., North Girard, Pa.
Hopkins L. Mfg. Co., North Girard, Pa.
Marcross Co., 202 N Wabash av, Chicago, Ill.
Moulton C. W. H. Co., Somerville, Mass.
Penn Mfg. Co., North Girard, Pa.
Steinfeld Bros., 116 W 32nd, New York
Stevenson Mfg. Co. (Drying, Wooden), South Bend, Ind.
See adv index at end of book
Stokes Wm. A. & Co., 50 Howard, New York
Young Bros. Co., Worcester, Mass.

565— Bars (Commutator)

See also Commutators

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Billings & Spencer Co. (Pure Copper Dropped Forged), Hartford, Conn.
Bissell F. Co. (Segments), Toledo, Ohio
Buckeye Tempered Copper & Brass Co., Mansfield, O.
Cameron Electric Mfg. Co. (Segments & Assembled Commutators), Ansonia, Conn.
CHICAGO MICA CO. (Mica Segments), Valparaiso, Ind.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
Homer Commutator Co., 4748 Hough av, N E, Cleveland, O.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Philadelphia Electrical & Mfg. Co. ("Pemco" Copper Segments), 1236 N 31st, Phila., Pa.
Rome Brass & Copper Co. (Drawn Copper), Rome, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

565a— *Bars (Copper)

Baltimore Tube Co., Baltimore, Md.
Larkin, J. K. & Co., 253 B'way, New York
See adv index at end of book

Bars (Crow)

See Crowbar Mfrs.

Bars (Digging)

See Crowbar Mfrs.

566— Bars (Draw)

Pittsburgh Forge & Iron Co., Chamber of Com. bldg, Pittsburgh, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

567— Bars (Extension)

Bettcher Stamping & Mfg. Co., 6120 Clark av, S. W., Cleveland, O.
Dallas Brass & Copper Co. (Brass, Steel, N. P. W. Plated & P. & S.), 820H Orleans, Chicago, Ill.
Crawford Co., 846 S Canal, Chicago, Ill.
Frost C. L. & Son (Chifforobe), Grand Rapids, Mich.
Grabler Mfg. Co., 6565 B'way, Cleveland, O.
Skinner M. B. & Co. ("Handi Hanger"), 562 W Washington, Chicago, Ill.

568— Bars (Eye)

American Bridge Co., 30 Church, New York
Bonney Forge & Tool Works, Allentown, Pa.
Meehan Boiler & Construction Co. (Upset), Lowellville, O.
Phoenix Iron Co. (Upset), 22 S 15th, Phila., Pa.; Mills: Phoenixville, Pa.

569— Bars (Finger)

Cambria Steel Co. (Cold Rolled & Cold Harvester Steel), Widener bldg, Phila., Pa.

570—Bars (Gold & Silver Platers')

Riverside Metal Co., Riverside, N. J.

570a— Bars (Grate)

Stowell Co., S. Milwaukee, Wis.

571— Bars (Grizzly)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Robins Conveying Belt Co., 13 Ann, New York

571a— *Bars (Hammock)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

572— Bars (Handle)

(For Bicycles, Motor Cycles, etc.)
American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.

BARS (HANDLE)—continued
Chicago Handle Bar Co., Shelby, O.
Reading Cycle Mfg. Co., Reading, Pa.
Standard Parts Co. (Bicycle & Motorcycle), Cleveland, O.

573— Bars (Hop & Post)

Munnsville Plow Co., Munnsville, N. Y.

574— Bars (Iron & Steel)

(See Also Iron Bar Mills)

Ames, W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Ashland Iron & Mining Co., Ashland, Ky.
Blancke, A. C. & Co., 602 W. Lake, Chicago, Ill.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Danville Iron & Steel Co., Danville, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
Pa. *See adv index at end of book*
Edwards, Edw. T., Columbia, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
FISHEL & MARKS CO., ft of Krakow av, Cleveland, Ohio
See adv index at end of book
Fisher, C. W., 52 B'dway, New York
Fort Wayne Iron Steel Rolling Mills, W Taylor, Ft. Wayne, Ind.
See adv index at end of book

BAR IRON and STEEL
IRON IN ALL SIZES
Rounds and Squares ¼" to 4"
Flats ½" x No. 14 to 10" x 1½"
Fort Wayne Iron Steel Rolling Mills
West Taylor St., Fort Wayne, Ind.

Froment & Co., 150 Bank, New York
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Igoe Brothers, 61-73 Metropolitan av., Brooklyn, N. Y.
See adv index at end of book
LARKIN, J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Latshaw Steel & Metal Products Co., 220 B'way, New York
Lebanon Iron Co., Dept. H, Lebanon, Pa.
MULHOLLAND, W. J., Commercial Trust bldg., Philadelphia, Pa.
Phillips, F. R. & Sons Co., n. w. cor. 15th & Chestnut, Philadelphia, Pa
Pollak Steel Co., The (Rolled Steel Bars, Angles, etc.), 386 W. 71st, Carthage, Cincinnati, Ohio
Roby, S. B. Co. (Dlrs.), 214H South av., Rochester, N. Y.
Standard Steel & Wire Co., 549 West Washington blvd, Chicago, Ill.
Stolz Jos. & Son, Inc. (Steel), 841 E 136th, New York
United Alloy Steel Corp., Canton, O.
Veithardt Steel & Metal Corp. (Concrete Reinforcing Bars), 15 Park Row, New York

Bars (Lining & Tamping)

See Crowbar Mfrs.

575—Bars (Low Phosphorus Melting)

Carter Iron Co., 307 5th av, Pittsburgh, Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Metal Products & Supply Co., 1224-30, Washington, Phila., Pa.
SAMUEL FRANK ("American Swedo" Iron), Harrison bldg, Philadelphia, Pa.
See adv index at end of book

575a— Bars (Merchant Steel)

Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
Erie Iron & Steel Co., Erie, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Fort Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Luken Steel Co., Coatesville, Pa.
Paterson-Leitch Co., 936 E. 67th, Cleveland Ohio
Pollak Steel Co., The, 386 W. 71st, Carthage, Cincinnati, Ohio
United Alloy Steel Corp., Canton, O.
YOUNGSTOWN SHEET & TUBE CO. ("Youngstown"), (Rounds & Squares, Angles, Flats), Youngstown, O.

Bars (Mine Spike)

See Crowbar Mfrs.

576— Bars (Mower Cutter)

Herschel R. Mfg. Co., Peoria, Ill.

577— Bars (Pinch)

See also Car Movers or Pushers Lead.

American Logging Tool Co., Evart, Mich.
Beall Bros. (Inc.), Alton, Ill.
Braunsdorf-Mueller Co. (Bricklayers'), Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Packing House, Cane Shaped, Midget, etc.), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hardsocg Mfg. Co. (Miners), Ottumwa, Ia.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Verona Tool Works (Locomotive), Oakmont, Pa.
Warwood Tool Co. (Coal Miners, etc.), 19th, Warwood, Wheeling, W. Va.
Webster Mfg. Co. ("Sheldon"), 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
What Cheer Tool Co. ("What Cheer" Solid Steel"), What Cheer, Ia.

578— Bars (Push)

Champion Hardware Co. ("Champion"), Geneva, O.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.

579— Bars (Quarry)

Brunner & Lay (from 100 to 500 lbs.), 570 W Polk, Chicago, Ill.
Ingersoll-Rand Co., 11 B'way, New York. *See adv index at end of book*
Stanley Rule & Level Coo (Atha Division), New Britain, Conn.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.
Waterbury Brass Goods Corp., Waterbury, Conn.

Bars (Reinforcing)

See Concrete Reinforcing Bars, Iron & Steel

Bars (Ripping)

See Bars, Carpenters', Etc.

580— Bars (Shackle)

Verona Tool Works, Oakmont, Pa.

581— Bars (Shaft)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

582— Bars (Shutter)

Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Norwalk Lock Co., S Norwalk, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Fire Shutter Bars, Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought steel), New Britain, Conn.
See adv index at end of book

583— Bars (Splice)

See also Braces, Rail

Ames, W. & Co. (Rail), Woodward, Jersey City, N. J. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Buckeye Rolling Mill Co., Steubenville, O. & Newark, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Columbia Machine Works & Malleable Iron Co., Atlantic av. & Chestnut, Brooklyn, N. Y.
Gulf States Steel Co., Birmingham, Ala.
Illinois Steel Co., 208 S La Salle, Chicago Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Knoxville Iron Co. (For Small Rails), Knoxville, Tenn.
Lackawanna Steel Co., Buffalo, N. Y.
Pittsburgh Forge & Iron Co., Chamber of Com. bldg., Pittsburgh, Pa.
Sellers Mfg. Co. (Iron; also Sansom Bars), 332 S Michigan av, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
SWEET'S STEEL CO. (Plain), Williamsport, Pa. *See adv index at end of book*
Sweets Steel Co., Williamsport, Pa.
Tredegar Co., ft. of 5th, Richmond, Va.

583a— *Bars (Spool)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

583b— Bars (Steel)

Brown & Co., 10th & Duquesne way, Pittsburgh, Pa.
Igoe Brothers, 61-73 Metropolitan av., Brooklyn, N. Y.
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.

584— Bars (Swage)

Disston Henry & Sons (Inc.), Tacony, Phila., Pa.

585-6— Bars (Tamp, Mining)

Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.

587— Bars (Towel)

Acme Specialty Mfg. Co., Toledo, Ohio
American Ring Co., Waterbury, Conn.
Bache Semon & Co. (Imp Glass), 636 Greenwich, New York
Beaton & Cadwell Mfg. Co. ("Perfection" White & Crystal Glass), Dept. H, New Britain, Conn.
Boston Mirror Co. (Crystal), 69 Sudbury, Boston, Mass.
Bridgeport Wire Goods Co., East Port Chester, Conn.
Cassady, Fairbank Mfg. Co., 6126 La Salle, Chicago, Ill.
Church C. F. Mfg. Co., Holyoke, Mass.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbus Brass Co. ("Columbus"), 533 Dublin av, Columbus, O.
See adv index at end of book
Dallas Brass & Copper Co. (Brass Nickel (Plates), 820H Orleans, Chicago, Ill.
Eclipse Co. ("Eclipse", "Eureka" Sleeve, etc), North Girard, Pa.
Ester E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Eustis J. P. Mfg. Co. ("Brasscrafters," Glass & Metal), Cambridge, Mass.
Fanner Mfg. Co. (Metal), Cleveland, O.
Forsyth Metal Goods Co., E Aurora, N. Y.
Garden City Plating & Mfg. Co. ("Kutztown"), 1430 S Talman av, Chicago, Ill.
Graham & Berwin (Glass), 107 Lafayette, New York
Novelty Mfg. Co. (Brass, Glass & Extension), Waterbury, Conn.
Parker Charles Co., Meriden, Conn.
Res Mfg. Co. ("Res" Roller, etc, Nickel Plated & Polished), 2907 Meinecke av, Milwaukee, Wis.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Superior Brass Novelty Co. (Brass), 545 E 116th, New York
Taplin Mfg. Co., New Britain, Conn.
Van Houten E. J. S. (White Opal), 96 Park pl, New York
Wickwire Spencer Steel Corp. ("Natwire" Glazed White), Worcester, Mass.
See adv index at end of book

Bars (Transom)

See Metallic Sash Bars

588— Bars (Trapeze)

Hellenberg J. B. Co. (Also Horizontal & Doorway Bars & Indoor Wood Sporting Goods), Coldwater, Mich.

589— *Bars (Wood)

ESTES E. B. & SONS (Casket, Hammock, Spool, Towel, etc), 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

Bars (Wrecking)

See Bars, Carpenters', Etc

590— Bars (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

591— Barytes

See also Carbonate of Barytes

Barbour Chemical Works, 354 Pine, San Francisco, Calif.
Carolina Barytes Co. (Miners & Millers), 101 Park av, New York
CHRYSTAL CHARLES B. (Importers), 13 Cliff, New York
See adv index at end of book
Clark & Daniels, Inc. (Imp.), 250 Front, New York
Doggett Stanley, 11 Cliff, New York
Drakenfeld B. F. & Co. (Carbonate, Chromate & Sulphate, Imp), 50 Murray, New York
Dunn & Kruse, 63 Park row, New York
Durex Chemical Corp. (Ground & Floated), 320 5th av, New York
Finck J. C. Mine & Milling Co., 101 Barton, St. Louis, Mo.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Fulper Edward B., Trenton, N. J.
Gilman Wm. D. Co. (Miners), 22 S 3rd, Phila., Pa.
Hammill & Gillespie (Imported), 240 Front, New York

Harshaw, Fuller & Goodwin Co. (White & Off Color Water Floated), Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
Nulsen, Klein & Krausse Mfg. Co., Main & Sidney, St. Louis, Mo.
Point Milling & Mfg. Co., Mineral Point, Mo.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Reichard-Coulston Co. (Imp.), 303 5th av., New York
Rolls H. J., Ellicott Sq. bldg, Buffalo, N. Y.
Salomon L. A. & Bro. (Imp Sulphate & Carbonate), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York *See adv index at end of book*
Southern Acid & Sulphur Co., Boatmen's bldg., St. Louis, Mo.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Thompson Weinman & Co., Cartersville, Ga.
Uhlich Paul & Co. (Imported Sulphate & Carbonate), 11 Cliff, New York
Wagner, Charles A. Co., Inc. (White-Water Floated), 222H N. Front, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, N. Y.
WILLIAMS C. H. & CO., Easton, Pa. *See adv index at end of book*

592— Base Ball Base Plates

Goodrich B. F. Co. (Rubber), Akron, O.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. (Canvas), Brockton, Mass.
Wilson, Thos. E. & Co., 727 N Sangamon, Chicago, Ill.
Wrought Washer Mfg. Co., Milwaukee, Wis.

593—Base Ball Body Protectors

Goodrich B. F. Co., Akron, O.
Horstman Wm. H. Co. (Leg & Foot), Phila., Pa.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
National India Rubber Co., Bristol, R. I.
Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
Stall & Dean Mfg. Co., Brockton, Mass.
Tyer Rubber Co., Andover, Mass.
Wilson, Thos. E. & Co., 727 N Sangamon, Chicago, Ill.

594— Base Ball Mfrs.

Carr J. Base Ball Co., 660 Pacific, Brooklyn, N. Y.
Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 211 N. Carpenter, Chicago, Ill.
De Beer J. & Son, Albany, N. Y
Draper Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Harwood H. & Sons, Natick, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh Co., 545 S Spring, Los Angeles, Cal.
National Base Ball Mfg. Co. ("Allen"), Schenectady, N. Y.
Peach J. A. ("Peach"), Gloversville, N. Y.
Piper B. H. Co., Manchester, N. H.
Rademaker H. & Sons, Grand Rapids, Mich.
Rawlings Mfg. Co. ("Vacation," "Rawlings"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Phila., Pa.
Rogers Sporting Goods Co., Springfield, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.
Victor Sporting Goods Co., Springfield, Mass.
Wilson, Thos. E. & Co., 727 N Sangamon, Chicago, Ill.
Young Geo. & Co., 715 S Western av, Chicago, Ill.

595—Bases (Battery Cut Out)

American Enamel Co., Neville, Providence, R. I.
BOGERT & HOPPER, INC. (also Moulded, Wooden & Switch), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS (Also Moulded, Wooden & Switch), 364 5th av, New York *See adv index at end of book*
Mutual Elec. & Mach. Co., 232 Fort W. Detroit, Mich.

595a— Bases (Cast Iron)

Lehigh Foundry Co., Fullerton, Pa.
Stolz Jos. & Sons, Inc., 841 E 136th, New York

595b—Bases—Hood (Laboratory)

Alberene Stone Co., 223 E. 23d, New York

596—Bases (Incandescent Lamp)

Patton-MacGuyer Co., 31 Mathewson, Providence, R. I.
Providence Base Works of General Electric Co., Atwell av., Providence, R. I.
White J. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

596a— *Bases (Loving Cup)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

597— *Bases (Oil Cup)

LUNKENHEIMER CO. (Pressure-Oil Systems), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

598— Bases (Porch Column)

Majestic Co., Huntington, Ind.

599— Bases (Switch)

Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
Continental Fibre Co. ("Bakelite-Dilecto," Fibre), Newark, Del., *See adv index at end of book*
Delaware Hard Fibre Co. (Electric Fibre), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons (Electric), 364 5th av, New York *See adv index at end of book*
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
Gur Pressed Steel Co., Lansing, Mich.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Hemming Mfg. Co., Garfield, N. J.
Johns-Manville, Inc., Madison av. & 41st, New York
Lin-Stun Co., 5010 Glaster, Pittsburgh, Pa.
O'Day Bros. (Slate), Hydeville, Vt.
Pass & Seymour ("P & S"), Solvay, N. Y.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stone Base & Panel Co., Columbus, O
Waterbury Button Corp., 831 S. Main, Waterbury, Conn. *See adv index at end of book*
Weber Electric Co., Schenectady, N. Y
Wilmington Fibre Specialty Co., Wilmington, Del.

600— Bases (Trolley)

Bayonet-Trolley-Harp Co., Springfield, O.
Holden & White, Fisher bldg, Chicago, Ill.
Holland Trolley Supply Co. (Ball Bearing), 1623 E 43rd, Cleveland, O.
Lord Mfg. Co. ("Sterling-Meaker" Roller Bearings), 105 W 40th, New York
NUTTALL R. D. CO. ("Union," "Standard"), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Ohio Brass Co., Mansfield, O. *See adv index at end of book*
Recording Fare Register Co., New Haven, Conn.
Trolley Supply Co. ("Simplex," Roller Bearing), Canton, O.
Wassan Trolley & Mfg. Co. (Pole Bases), Milwaukee, Wis.

601— Basins (Catch)

American Foundry & Mfg. Co. (Cast Iron), 11th & Hebert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Burch Plow Works Co., Crestline, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Davies & Thomas Co., Catasauqua, Pa.
Decatur Foundry Furnace & Machine Co., Decatur, Ind.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Duplex Mfg. & Foundry Co., Elyria, O.
Elkhart Iron Works ("Elkhart" Cast Iron Blow Off Gravel & Drainage), Elkhart, Ind.
Estabrook's R. Sons ("Estabrook"), 202 1st, Boston, Mass.
Galena Foundry & Machine Co., Galena, Kan.
Gillie Machine Co., Tonawanda, N. Y.
Gross Geo. & Son, (Cast Iron), Rockaway Beach, L. I.
Holbrook-Armstrong Iron Co., Racine, Wis.
Industrial Iron Works, Clinton, Mo.
Madison Foundry Co. ("Acme"), Cleveland, O.
Motor Castings Co., South Bend, Ind.
Munnsville Plow Co., Munnsville, N. Y.
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
Parsons Co., Newton, Ia.
Rothe Jos. F. Foundry Co., Green Bay, Wis.
Sessions Foundry Co., Bristol, Conn.
TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Withers Foundry & Machine Works, Atlanta, Ga.
Youngstown Foundry & Machine Co., Youngstown, O.

602— Basins (Wash)

Florentine Pottery Co., Cambridge, Ohio
Geuder, Paeschke & Frey Co. (Porcelain), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Kokomo Sanitary Mfg. Co. (Porcelain), Kokomo, Ind.
Maddock's Thos. Sons Co., Trenton, N. J.
Resolute Pottery Co., Trenton, N. J.
Rundle Mfg. Co. (Enameled), 27th & Wahl, Milwaukee, Wis.

602a— Baskets (Burnishing, Acid Proof)

General Ceramics Co., 50 Church, New York
Knight Maurice A., Akron, O.
Multi Metal Co., 251 W. 19th, New York

602b— Baskets (Centrifugal)

American Tool & Machine Co., 10 High, Boston, Mass.
Hamilton Copper & Brass Works, Hamilton, Ohio
Manhattan Rubber Mfg. Co., Passaic, N. J.
Multi Metal Co., 251 W. 19th, New York

603— Baskets (Clothes)

Bailie Basket Co. (Rattan, Willow, etc), 82 Sudbury, Boston, Mass.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willo Ware"), Burlington, Ia.
Butler Basket Co. (Fine Splint Maple Reed, etc), Butler, Ind.
Erie Art Metal Co., Erie, Pa.
Greenspan, Wolf & Sons ("Qualityware"), 686 Grand, Brooklyn, N. Y.
Huke Wm. Rattan & Willowware Mfg. Co., 1097 S 7th, St. Louis, Mo.
Moore, Arthur J. ("Climax," "Common Sense"), Wells River, Vt.
Peru Basket Co. (Splint, Reed, etc), Peru, Ind.
Rochester Can Co. ("Iron Horse" Galvanized Hampers), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Steinfeld Bros. (Willow Baskets, Hampers, etc), 116 W 32d, New York
Thurwachter L. L. & Sons (Hand-made, Willow, etc.), 215 W Fayette, Syracuse, N. Y.

604— Baskets (Coal, Etc.)

American Commercial Corp. (Canvas), 120 B'way, New York
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Edgerton Mfg. Co., Plymouth, Ind.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Morris & Co. (Cotton Ducke), Groveville, N. J.
Peru Basket Co. (Iron Bound, Bamboo, etc), Peru, Ind.
Sackett, H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.

605-6—Baskets (Counter Display)

Burlington Willow Ware Shops, Burlington, Ia.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Progressive Wire Goods Co., 13th & Hamilton, Phila., Pa.
Rattan Mfg. Co. ("Sawyer Silent Salesman," "Rattan"), New Haven, Conn.
Wickwire Spencer Steel Corp, Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co., Worcester, Mass.

607— Baskets (Dipping)

See also Stoneware, Chemical

Driver-Harris Co. ("Nichrome"), Harrison, N. J. *See adv index at end of book*
General Ceramics Co. (Acid Proof), 50 Church, New York
Jelliff C. O. Mfg. Corp., Box 68 Southport, Conn. *See adv index at end of book*

DIPPING BASKETS

OF

Brass, Copper, Aluminum, Steel, Monel and Nickel Chronium

Manufactured by

THE C. O. JELLIFF MANUFACTURING CORP.

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BASKETS (Dipping)—continued
Knight Maurice A., Akron, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Moss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
O'Neill, Joseph Wire Works, Port Chester, N. Y. *See adv index at end of book*
Smith John P. & Co. (All Metals), New Haven, Conn.
Wickwire Spencer Steel Corp. ("Excelsior" Steel & Brass Wire), Worcester, Mass. *See adv index at end of book*

Baskets (Fibre)

See Baskets, Mill

608— Baskets (Flower)

Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Zinn Chas. & Co., 893 B'way, New York

609— Baskets (Frying)

See also Baskets, Wire

Andrews Wire & Iron Works, Rockford, Ill.
Royal Mfg. Co., 406 Commerce, Phila., Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Mfg. Co., Niles, O.

610-11—Baskets (Galvanized Steel)

Atlantic Stamping Co. (Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Chattanooga Roofing & Foundry Co. (Portable), Dept. H, Chattanooga, Tenn.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Lisk Mfg. Co. (Ltd.) ("Lisk," Aluminum Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" Ash Corrugated, Perforated), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Rochester Stamping Co., Rochester, N. Y.
Steel Basket Co. (Corrugated), Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.

612—Baskets, Hampers & Touring Cases (Automobile)

Baillie Basket Co., 82 Sudbury, Boston, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops, Burlington, Ia.
Butler Basket Co., Butler, Ind.
Erie Art Metal Co. (Laundry or Paper Towel), Erie, Pa.
Fuller G. W. Co., Hartford, Conn.
Hettrick Mfg. Co., Toledo, Ohio
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holbrook Raw Hide Co., 748 N Main, Providence, R. I.
KNICKERBOCKER CASE CO., 230 N Clinton, Chicago, Ill. *See adv index at end of book*
Kroh C. Z. Mfg. Co., Toledo, O.
Leipzig A. (Inc.), 127 W 17th, New York
Lowell Building & Supply Co., Lowell, O.
Morrison L. E. & Co., 27 W Washington, Indianapolis, Ind.
Nathan Novelty Mfg. Co., 55 5th av, New York
Niagara Auto Radiator Co. (Metal Hampers), 151 W 68th, New York
Peru Basket Co., Peru, Ind.
Post & Lester Co., Hartford, Conn.
Reliable Auto Parts Co. (Metal Hampers), 244 W 49th, New York
Rumpp C. F. & Sons (Luncheon Baskets), 5th & Cherry, Phila., Pa.
Taylor C. A. Trunk Works, 28 E Randolph, Chicago, Ill.
Williams Mfg. Co. (Ash or Rattan), Northampton, Mass.
Winship W. W., 71 Summer, Boston, Mass

613— Baskets (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept), 504 Equitable bldg, Wilmington, Del.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co. (Canvas, Rattan & Splint), Burlington, Ia.
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Crane Bros., Westfield, Mass.
Cummings Josiah & Son ("Hub" Fibre), 657 Atlantic av, Boston, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Hardy Frank H. (White Oak), Andover, Mass.
Lane W. T. & Bro. (Canvas & Steel Frame), Poughkeepsie, N. Y.
Lansing Co., Lansing, Mich.
Morris & Co (Cotton Duck), Groveville, N. J.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del. *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H. *See adv index at end of book*
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Steel Basket Co. (Mounted on Casters), Cedar Rapids, Ia.
Williams Mfg. Co. (Bamboo or Oak, also Iron Strapped & Iron Wheels or Casters), Northampton, Mass.

614— Baskets (Rawhide)

Barlow John W. Co., Lawrence, Mass.
Holbrook Raw Hide Co., 748 No Main, Providence, R. I.

615— Baskets (Refrigerator)

Burlington Basket Co. ("Hawkeye"), Burlington, Ia.

616— Baskets (Satchel)

Burlington Basket Co., Burlington, Ia.

617— Baskets (Sheet Steel)

Erie Art Metal Co., Erie, Pa.
Metal Office Furniture Co., Grand Rapids, Mich.
Steel Basket Co., Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Galvanized & Japanned), Wheeling, W. Va.

618— Baskets (Stave)

Burlington Basket Co., Burlington, Ia.
Butler Basket Co. (Elm, etc, Bushel, etc), Butler, Ind.
Clark Paper Mfg. Co., Rochester, N. Y.
Farmers Mfg. Co., Norfolk, Va.
New Albany Box & Basket Co., New Albany, Ind.
Peru Basket Co., Peru, Ind.

618a— Baskets (Ticker)

Erie Art Metal Co., Erie, Pa.

618b— Baskets (Towel)

Erie Art Metal Co., Erie, Pa.

619— Baskets (Waste Paper)

See also Baskets-Mill; Sheet Steel; Wire

American Vulcanized Fibre Co. ("Vul-Cot" Hard Fibre), 504 Equitable bldg, Wilmington, Del.
Andrews Wire & Iron Works (Wire), Rockford, Ill.
Angle Steel Stool Co. (Metal), Otsego, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Baillie Basket Co. (Willow), 82 Sudbury, Boston, Mass.
Barbee Wire & Iron Works (Wire), 111 Washington, Chicago, Ill.
Browne Morse Co. (Wood), Muskegon Heights, Mich.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Crane Bros. (Fibre), Westfield, Mass.
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Duggan-Rider Co. (Cold Rolled Steel, Oxidized, Copper or Brushed Brass), Erie, Pa.
Erie Art Metal Co. ("Dan-Dee" Fireproof), Waste Baskets, Erie, Pa.
Fireproof Furniture & Construction Co., Miamisburg, O.
Franke George Sons Co. (Paper), 112 So Eutaw, Baltimore, Md.
Globe-Wernicke Co. (Wood), 25 Carthage av, Cincinnati, O.
Greenspan, Wolf & Sons ("Qualityware"), 686 Grand, Brooklyn, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Heywood Bros. & Wakefield Co. (Reed), Gardner, Mass.
Huke Wm. Rattan & Willow Ware Mfg. Co. (Rattan & Willow), 1007 S 7th, St. Louis, Mo.
Massillon Wire Basket Co. ("Daisy"), Massillon, Ohio
Metal Office Furn. Co. (Metal), Grand Rapids, Mich.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Norwich Wire Works, Norwich, N. Y.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Penn Art Steel Works ("Diamond Line" Round & Square Steel), Erie, Pa.
Peru Basket Co. (Bamboo & Splint), Peru, Ind.
Progressive Wire Goods Co. (Wire), 13th & Hamilton, Phila., Pa.
Rochester Can Co. ("Iron Horse" Steel), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid") 121 Beach, Boston, Mass.
Standard Fibre Co. (Hard Fibre), Miller, Somerville, Mass.
Standard Wire Co. (Wire), New Castle, Pa.
Steinfeld Bros. (Willow Ware), 116 W 32d, New York
Stow & Davis Furniture Co., Grand Rapids, Mich.
Syracuse Basket Co. (Willow), Syracuse, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams Mfg. Co. (Rattan, etc.), Northampton, Mass.
Wire Goods Co. (Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wire & Metal Wares Co. (Steel), Erie, Pa.
Woods-Sherwood Co. (Wire), Worcester, Mass.
Worcester Wire Novelty Co., Emerson Tower bldg, Baltimore, Md.

620— Baskets (Willow, Trout)

Basket Importing Co., 119 W 23d, New York
Krauss & Co., 11 W Houston, New York
Leipzig A. (Inc.), 127 W 17th, New York
Zinn Chas. & Co., 893 B'way, New York

621—Baskets (Willow & Split)

Greenspan, Wolf & Sons ("Qualityware" Shoppers & Market Willow), 686 Grand, Brooklyn, N. Y.
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.

622— Baskets (Wire)

Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York.
Amos Chas. & Co., Inc., 2990-3000 Hart av., Detroit, Mich.
Andrews Wire & Iron Works, Rockford, Ill.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl., New York
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Columbus Wire & Iron Wks. Co. (Canners), Columbus, O.
Electrical Alloy Co. (Dipping), Morristown, N. J.
Fort Pitt Steel & Iron Works, 802H Fulton bldg., Pittsburgh, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hibbard Basket Works, South Butler, N. Y.
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Krauss & Co., 11 W Houston, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Leipzig A. (Inc.), 127 W 17th, New York
Massillon Wire Basket Co., Massillon, O.
Metropolitan Basket Co., 151 Spring, New York
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morss & Whyte Co. (Dipping), Sidney & Pilgrim, Cambridge, Mass.
Norwich Wire Works, Norwich, N. Y.
Parker Wire Goods Co. (Counter, Letter, Mail, Sponge, Toilet Paper, Waste Paper, Frying, etc), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Phoenix Wire Works (Dipping), Kirby & Dequindre, Detroit, Mich.
Progressive Wire Goods Co. (And Office Wire Goods), 13th & Hamilton, Phila., Pa.
Racine Iron & Wire Works (Hanging), Racine, Wis.
Ruhmann G. E., Schulenburg, Texas.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smith John P. & Co., New Haven, Conn.
Standard Wire Co., New Castle, Pa.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Union Steel Products Co., Ltd., Albion, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wisconsin Iron & Wire Wks. (Dipping), Milwaukee, Wis.
Woods-Sherwood Co. (Counter, Desk, Sponge, Fruit, Twine, Waste Paper, etc), Worcester, Mass.
Worcester Wire Novelty Co., Emerson Tower bldg, Baltimore, Md.

623—Baskets (Wooden Market)

Anderson Box & Basket Co., Henderson, Ky.
Burlington Basket Co., Burlington, Ia.
Bryant Mfg. Co., Springfield, O.
Farmers Mfg. Co., Norfolk, Va.
Maney M. J., Geneva, N. Y.

624— Basofor

Waldo E. M. & F., Selling Agents, 11 B'way, New York

625— Basswood

Black Robt. & Co., Bay City, Mich.
Doud Sons & Co., Winona, Minn.
Dwight Lumber Co., River Rouge, Detroit Mich.
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Goodwillie Bros., 10 La Salle, Chicago, Ill.
Jones Hardwood Co. (Birch, Beech & Maple), 10 High, Boston, Mass.

626— Batch Mixing Plants

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Robinson Mfg. Co., Muncy, Pa.

626a— Bate (Tanners)

Martin-Dennis Co. ("Puerine"), 859 Summer av, Newark, N. J.

627—Bath Cabinets (Thermal, Etc.)

Buffalo Bath Cabinet Co., 435 William, Buffalo, N. Y.
Cabinet Mfg. Co. ("Superior"), Quincy, Ill.
Goethel Alex. G., 815 Winnebago, Milwaukee, Wis.
New York Bath Mfg. Co. (Vapor), 103 Chambers, New York
Robinson Cabinet Mfg. Co., Toledo, O.
Toledo Cooker Co. ("Ideal" Vapor), Toledo, O
World Mfg. Co., 120 W 3d, Cincinnati, O.

628— Bath (Oil Tempering)

GENERAL ELECTRIC CO. ("Electric"), Schenectady, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

629—*Bath Room Cabinets (Metal, with Mirrors & Glass Shelves)

DAHLSTROM METALLIC DOOR CO., 413 Buffalo, Jamestown, N. Y.
See adv index at end of book

630—Bath Room Fixtures & Furnishings

Acme Specialty Mfg. Co., Toledo, O.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Brass & Copper Co. (Full Line), 138 Lafayette, New York
American Ring Co., Waterbury, Conn.
Anderson Geo. H. & Co. (Plate Glass, Towel Bars, Shelves, etc), 1467 W Austin av, Chicago, Ill.
Arlington Works (The) (E. I. du Pont De Nemours & Co.), 21 E. 40th, New York
Art Brass Co. ("San-o-la" Cast & Stamped Brass), 299 E 134th, New York
Automatic Wire Goods Mfg. Co. (Towel Brackets, Soap Dishes, Sponge Holders), 13-15 Canal pl, New York
Barrett Jas. Mfg. Co., 117 Pearl, Boston, Mass.
Bay Ridge Specialty Co. ("All White" Vitreous China), 5613 First av, B'klyn, N. Y.
Behrer & Co., 81 Beekman, New York
Bens S. J. Mfg. Corp., Herkimer, N. Y.
Blessing C. A., 518 Montgomery av, Phila., Pa.
Bloom Flusher Co. (Closet & Shower Bath Attachments), Tiffin, O.
Boston Mirror Co. (Mirrors, Glass Shelves, Medicine Cabinets, etc), 69 Sudbury, Boston, Mass.
Brey & Krause Mfg. Co., Allentown, Pa.
Buffalo Mfg. Co. (Soap & Sponge Holders, Towel Racks, etc), Buffalo, N. Y.
Burrowes E. T. Co. (Medicine Cabinet Stools & Blacking Stands), Portland, Me.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Church C. F. Mfg. Co. ("White Pyralin"), Dept. H, Holyoke, Mass.
Clarke Robert, 100 Schermerhorn, Brooklyn, N. Y.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
Douglas Jno. Co., Carthage, Cincinnati, O.
Eastern Specialty Mfg. Co., Scranton, Pa.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Edwardsville Brass Co. (Soap Cups, Tumbler-Holders, Comb & Brush Trays, Bath Seats, etc), Edwardsville, Ill.
Eustis J. P. Mfg. Co. ("Brasscrafters," Soap Dishes, Towel Bars, Mirrors, Medicine Cabinets, etc), Cambridge, Mass.
Fairfacts Co. (China) ("Fairfacts," "Bilton"), 234 W 14th, New York
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Forsyth Metal Goods Co. (Towel Bars, Tumbler Holder, Comb & Brush Shelf, Soap Tray, etc), E. Aurora, N. Y.
Foster Merriam & Co., Meriden, Conn.
Frost Mfg. Co., Kenosha, Wis.
Frank & De Keyser, 33 Park pl, New York
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
Gaynor Mfg. Co., Bridgeport, Conn.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av., Phila., Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons, Grand Haven, Mich.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Hughes-Evans Co. ("Tile-In" China and "Enamo" Metal), 502 W 32d, New York
Humphryes Mfg. Co., Mansfield, O.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Improved Sanitary Fixture Co., 612 Metropolitan bldg, Los Angeles, Cal.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
McCambridge Co., 315 N 20th, Phila., Pa.
Manning, Bowman & Co., Meriden, Conn.
Metal Crafters, East Stroudsburg, Pa.
Motor Products Co., Mack av & Outer Belt Line, Detroit, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Nason Mfg. Co., 71 Fulton, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Novelty Mfg. Co. ("Wilwear" Trimmings, Soap Dishes, Backs, etc), Waterbury, Conn.
Park & McKay, 55 Bagley av, Detroit, Mich.
Parker Chas. Co., Meriden, Conn.
Pocono Metal Mfg. Co., Inc., East Strousburg, Pa.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Searls Mfg. Co. ("Palette Brand," "Star Brand"), 29 Mulberry, Newark, N. J.
Schaffer, Chas. W. Co., 3214 Chestnut, Philadelphia, Pa.
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Smith E. C. Mfg. Co., 900 W. Jackson blvd, Chicago, Ill.
Speakman Co. (Faucets, Bath Fixtures, etc.), Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Stephenson C. H. ("Stephenson" Towel Rods, Medicine Cabinets, Soap & Sponge Holders), Lynn, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Superior Brass Novelty Co. (Brass), 545 E 116th, New York
Sweeney W. H. Mfg. Co. (Soap Dishes, Towel Bars, Brush & Tumbler Holders, etc), 30 Main, Brooklyn, N. Y.
Trenton Brass & Machine Co., Trenton, N. J.
Waterbury Mfg. Co. (Bath Sprays, etc), Waterbury, Conn.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wickwire Spencer Steel Corp. ("Natwire" White Enamel), Worcester, Mass.
See adv index at end of book
Wise J. B., Inc., Watertown, N Y
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Works (Towel Bars, Soap Cups, etc), Grand Rapids, Mich.

Bath Tubs (Ceramic)

See Bath Tubs, Porcelain

631— Bath Tubs (Copper)

See also Boilers, Copper Range

Blessing C. A., 516 Montgomery av, Phila., Pa.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

632—Bath Tubs (Enameled Iron)

Cahill Iron Works ("Southern Beauty"), Chattanooga, Tenn.
Columbia Sanitary Mfg. Co. ("Columbia"), Louisville, Ky.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa. Works: Zelienople, Pa.
Kohler Co. ("Sovereign," "Imperial"), Dept. H, Kohler, Wis.
McVay-Walker Co. ("Seneca," "Mendota," "Winona," "Narco"), Braddock, Pa.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York.
Peck Bros. & Co., New Haven, Conn.
Richmond Radiator Co., 1480 B'way, New York
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Sanitas Mfg. Co. ("Brown," "Hoffman," "Empire," "Albemarle"), 105 Washington, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Union Sanitary Mfg. Co., Noblesville, Ind.
United States Sanitary Mfg. Co., Arrott bldg, Pittsburgh, Pa., & Monaca, Pa.
Walls, Owen & Stambach Co., 11th & Hamilton, Philadelphia, Pa.
Weiskittel A. & Son Co., 12th & Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. ("Porcelain," Enameled Iron), Wheeling, W. Va.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

633— Bath Tubs (Folding)

Acme Folding Boat Co., Miamisburg, O.
Davol Rubber Co. ("Robinson" Rubber), 69 Point, Providence, R. I.
New York Bath Mfg. Co., 103 Chambers, New York
Robinson Cabinet Mfg. Co., Toledo Factories bldg, Toledo, Ohio
Rowe Sanitary Mfg. Co., 210 6th av., Detroit, Mich.

634—Bath Tubs (Galvanized Steel Enameled)

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Phoenix Metal Stamping Co., 2827H W. Fletcher, Philadelphia, Pa.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

635— Bath Tubs (Infants')

Central Stamping Co., 174 Fulton, New York
Geuder, Paeschke & Frey Co. (Galvanized, Japanned & Enameled Sheet Iron), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust), Canandaigua, N. Y.
Monument Pottery Co., Trenton, N. J.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

636— Bath Tubs (Porcelain)

Cahill Iron Works, Chattanooga, Tenn.
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix"), 50 Church, New York
Heap Wm. & Sons, Grand Haven, Mich.
Monument Pottery Co., Trenton, N. J.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
Sanitas Mfg Co. ("Monarch," "Marshall," "Underwood"), 105 Washington, Boston, Mass.
Trenton Potteries Co. Trenton, N. J.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

637—Bath Tubs (Sheet Steel)

Butler Mfg. Co., Kansas City, Mo.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

Bath Tubs (Slate)

See Laundry Tubs, Slate

638— Bath Tubs (Tin)

Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Central Stamping Co., 172 Fulton, New York
Dover Stamping & Mfg. Co. ("Enameled White Inside"), Cambridge, Mass.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York

639— Bathing Suit Mfrs.

Alberta Knitting Mills, Lenta & Armat, Gtn, Phila., Pa.
American Hosiery Co., New Britain, Conn.
American Knitting Co., Honesdale, Pa.
American Knitting Co., Waltham, Mass.
American Knitting Mills, Central Tr. bldg, Phila., Pa.
Anchor Knitting Mills, Cohoes, N. Y.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Brown Knitting Co., Warsaw, N. Y.
Cache Knitting Works, Logan, Utah
Canasawacta Knitting Co., Sherburne, N. Y.
Carlton Mills Co., Coral & Adams, Phila, Pa.
Chapman Knitting Mills, 68 E 131st, New York
Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.
Crescent Company, 49 E. 21st, New York
Crossingham Knitting Mills, 243 Ashmead, Gtn, Phila., Pa.
Elboeuf Knitting Co., Utica, N. Y.
European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.
Florence Knitting Mills, 1849 E. Venango, Phila., Pa.

BATHING SUIT MFRS.—continued
Fruchthendler L. & Co., 616 E 5th, New York
Gantner & Mattern Co., Grant av & Post, San Francisco, Cal.
Germania Knitting Works, 440 Canal, New York
Gotham Knitting Mills, 30 W 21st, New York
Hutton Mfg. Co., 315 Arch, Phila., Pa.
Hygienic Fleeced Underwear Co., 2415 Howard, Phila, Pa.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.
Levin Wm., 204 Canal, New York
Levine & Co., 291 Essex, Brooklyn, N. Y.
Long Island Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.
Mendelson Herman, 159 Court, Brooklyn, N. Y.
Michigan Knitting Co., Lansing, Mich.
Milbury Atlantis Mfg. Co., 543 B'way, New York
National Knitting Works Co., 1967 E 57th, Cleveland, O.
Nehrich R. B., 1260 B'way, Brooklyn, N. Y.
N. Y. Knitting Mills, 141 Wooster, New York
Newark Knitting Works, 587 S 10th, Newark, N. J.
Noon E. & Son, 4019 Gtn av, Phila., Pa.
North American Knitting Mills, 740 Flushing av, Brooklyn, N. Y.
Nostrand Knitting Mills, 1287 Madison, Brooklyn, N. Y.
Novelty Knitting Co., Woonsocket, R. I.
Nusbaum D. & Co., 341 5th av, New York
Ocean Bathing Suit Co., 116 W 23rd, New York
Osborne Wm., 1116 W Montgomery av, Phila., Pa.
Passaic Knitting Works, Garfield, N. J.
Pfister J. J. Knitting Co., P. O. Sta. A., Berkeley, Cal.
Progressive Knitting Works, 435 B'way, Brooklyn, N. Y.
Rosen Knitting Mills, 2698 Atlantic av, Brooklyn, N. Y.
Salt Lake Knitting Works, Salt Lake City, Utah
Somerset-Knitting Co., 1 Station, Boston, Mass.
Spicer John, 84 Woodbine, Brooklyn, N. Y.
Stall & Dean Mfg. Co., Brockton, Mass.
Starrels, Morris & Co., 2122 E Dakota, Phila., Pa.
Suffolk Knitting Co., East Boston, Mass.
Sunset Knitting Co., 334 Sutter, San Francisco, Cal.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
Treinis Bros., 126 13th, Brooklyn, N. Y.
Vassar Knitting Works, Bay City, Mich.
Webber, G. F. (Hand Knit), 1404H Gratiot, Detroit, Mich.
West Branch Knitting Co., Milton, Pa.
Western Knitting Mills, 231 Maujer, B'klyn, N. Y.
Wilson, Thos E., 727 Sangamon, Chicago, Ill.
Wright Victor Ditson Co., 408 B'way, New York
Wye Geo. E. Co., Needham, Mass.
Wye Wm. H. & Co., Needham, Mass.

640—Baths (Blotter or Copying Cloth)

Adams Mfg. Co., 86 E. Plumstead, Phila., Pa.
Asbestos Copying Bath Co., 26 Barclay, New York
Cincinnati Tool Co., Cincinnati, O.
See adv index at end of book
Colonial Office Appliance Co., 98 Park pl, New York
Eureka Blotter Bath Co. ("Eureka"), 3732 S. Wallace, Chicago, Ill.
Hill Independent Mfg. Co., Adams & Emerald, Phila., Pa.
Jean C. W. Co., 116 Nassau, New York
Spurgin Mfg. Co., 7011 Vincennes av, Chicago, Ill.

641— Baths (Electric Light)

Burdick Cabinet Co., 15 E Washington, Chicago, Ill.
Edmands Walter S., 134 Congress, Boston, Mass.
Metropolitan Engineering Co., 1250 Atlantic av, Brooklyn, N. Y.
Sanitarium Equipment Co., Battle Creek, Mich.
Ten Broeck & Huber, 214 E 23rd, New York

642—Baths (Needle & Shower)

American Brass & Copper Co., 138 Lafayette, New York
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Crane Co., 836 S. Michigan av., Chicago, Ill. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Douglas Jno. Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Imperial Brass Mfg. Co. ("Ingham" Show Mixers), 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
McCambridge Co., 315 N. 20th, Phila., Pa.
McElraev & Hauck Co. (Enameled Iron & Solid Porcelain Nickel Plated Shower), 440 B'way, Brooklyn, N. Y.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Sanitas Mfg Co ("Woolworth," "Fairfield," "Trombone," "Brockton," "Rain," "Royal," "Tubular," Shower only, 105 Washington, Boston, Mass.
Speakman Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff Mfg. Co. (Shower Only), 255 N Hoyne av, Chicago, Ill.

643—Baths (Plunge & Shower, for Ships)

Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.

644—Baths (Portable Shower)

Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbia Brass Works, 740 N Franklin, Chicago, Ill.
Crane Co., 836 S. Michigan av., Chicago, Ill. *See adv index at end of book*
Curtainless Shower Co., 25 W B'way, New York
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park row, New York
Eustis J. P. Mfg. Co. ("Brass Crafters"), Cambridge, Mass.
Nason Mfg. Co., 71 Fulton, New York.
Speakman Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Weiskittel A. & Son Co. ("Luxuria"), 12th & E Lombard, Baltimore, Md.
Wolverine Brass Works, Grand Rapids, Mich.

645— Baths (Tinning)

Sperry D. R. & Co., Batavia, Ill.

646— Bats (Baseball)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Brinser E. C. Sons ("Richmond"), Richmond, Va.
Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 211 N. Carpenter, Chicago, Ill.
Dickinson, C. W. Co., Ypsilanti, Mich.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, O.
Granberg Emil, St. Louis, Mo.
Hickson-Rogers Mfg. Co., Paragould, Ark.
Hillerich & Bradsley Co. ("Louisville Slugger"), Louisville, Ky.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLaughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Peach J. A. ("Peach"), Gloversville, N. Y.
Piper B. H. Co., Manchester, N. H.
Prouty C. & Co., Eldred, Pa.
Rademaker H. & Sons, Grand Rapids, Mich.
Saginaw Wood Products Co., Gaylord, Mich
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
Tryon Edw. K. Co. ("Old Hickory"), 611 Market, Philadelphia, Pa.
Wright & Ditson, 344 Washington, Boston, Mass.
Zimmerman J. N., Owosso, Mich.

647— Battens (Metallic)

Metallic Batten Co., Owensville, Ind.
Schranger & Johnson, Atlantic, Ia.

Batteries (Automobile)

See Batteries, Dry; also Batteries, Storage

648— Batteries (Blasting)

See also Blasting Fuse, Caps, Etc.

DU PONT E. I. DE NEMOURS & CO. INC. (Sales Dept., Explosives Div.) (Electric), Wilmington, Del.
See adv index at end of book
Grasselli Powder Co., Guardian bldg, Cleveland, O.
National Carbon Co. ("Hercules Red Label," "Columbia Ignitor"), Madison, N W & W 17th, Cleveland, O.
Star Electric Fuse Works ("Lilliput," "Push-Down"), Wilkes-Barre, Pa.

Batteries (Closed Circuit)

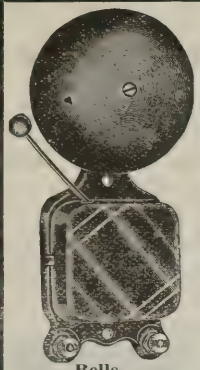
See Batteries, Open & Closed Circuit

649— Batteries (Diffusion)

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Dyer Co., 2031 Euclid av, Cleveland, O.
Hassell Iron Works Co., Colorado Springs, Colo.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Krajewski-Pesant Corp., 50 Broad, New York
Pusey & Jones Co., Wilmington, Del.
Stearns-Roger Mfg. Co., Denver, Colo.
Swenson Evaporator Co. (Circular), 53 W Jackson blvd, Chicago, Ill.

650— Batteries (Dry)

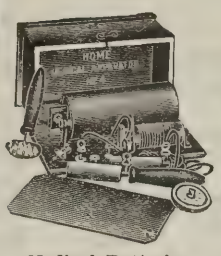
Allen Machine Works, Miamisburg, O.
American Carbon & Battery Works of National Carbon Co., Inc. ("American"), East St. Louis, Ill.
American Elec. Battery Wks., 100 Grand, New York
American Ever Ready Works of Nat'l Carbon Co. ("Daylo Tungsten"), Thompson av, Long Island City, New York
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Bright Star Battery Co. ("Mar-Stun"), 316 Hudson, New York
Bunnell J. H. & Co. ("Jove," "Standard," "Mascot"), 32 Park pl, New York
Burgess Battery Co., Madison, Wis.
Burn-Boston Battery & Mfg. Wks, 134 State, Boston, Mass.
Burnley Battery & Mfg. Co. ("Burnley"), North East, Pa.
Champion Carbon Mfg. Co., 1st Nat'l Bank bldg, Cincinnati, O.
Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
Delta Electric Co., Marion, Ind.
Electric Goods Mfg. Co. ("Sammon," Semi-Dry), Canton, Mass.
Electric Mfg. Co. ("Emco" Sealed), 166 W 6th, St. Paul, Minn.
Enterprise Elec. Novelty Co., 107 Bleecker, New York
French Battery & Carbon Co. ("Fleur-de-Lis"), Madison, Wis.
Gee Elec. Co. ("Reliable" Friction Tape), Wheeling, W. Va.
Harper Fred D. ("Masda" & "Secret Service" for Flashlights), Everett, Mass.
Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
Hipwell Mfg. Co., 831 North av, Pittsburgh, Pa.
International Battery Co., 453 Broome, New York
Interstate Electric Novelty Co. ("Franco"), 104 S 4th, Brooklyn, N. Y.
Lincoln Electric Co. ("Enburo" "HiPo"), E. 38th & Kelley, Cleveland, Ohio
Manhattan Electrical Supply Co. ("Red Seal" "Mesco," "Blue Seal," "Hi-Up,"), 17 Park pl, New York
See adv index at end of book
National Columbia Carbon Co. ("Columbia Red Label," "Ignitor," "Hercules," "U. S. Standard," "Globe," "Standby"), Madison av, N W & W 117th, Cleveland, O.
North Electric Co. ("Cannon Cracker"), American Trust bldg, Cleveland, O.
Northwestern Battery Co., 530 Jefferson, Milwaukee, Wis.
Novo Mfg. Co., 424 W. 33d, New York
Nungesser Carbon & Battery Works of Nat'l Carbon Co., ("1900," "Acme," "Rapid Fire") 1170 E 38th, Cleveland, O.
Nutter Elec. Equipt. Co., 169 Mass. av, Boston, Mass.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
Sibley Pitman Electrical Corp. ("Climax" Auto Cells for Automobile & Gas Engine Ignition), 190 6th av, New York
Solar Light Co., 69 Wooster, New York
Stackpole Carbon Co. ("Autocrat," "Hello," "Wizard," "Sun"), St. Marys, Pa.
Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.
Stanley & Patterson ("Exeter"), 23 Murray, New York
Sunlight Elec. Specialty Co., 453 Broome, New York
Tardie Emil J. ("Leader," "Improved"), 156 5th av, New York
Toledo Battery Co., Toledo, O.
Twin Dry Cell Battery Co., Superior Viaduct, Cleveland, O.
Union Battery Co. ("Power," "Nue"), Belleville, N. J.
United Battery Corp., 42 B'way, New York
164 5th av, New York
Universal Carbon Co., Dundee, Ill.
Universal Novelty Wks, ("Universal"), 164 5th av, New York
Usona Mfg. Co., 1 Hudson, New York
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Wappler Electric Co., 184 Harris av, Long Island City, N. Y.
Waterbury Battery Co., Waterbury, Conn.
Wesco Supply Co. ("Red Shield"), 7th & Clark av, St. Louis, Mo.



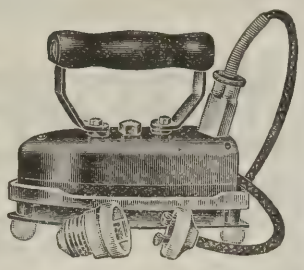
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Western Dry Battery Co., Seattle, Wash.
Western Electric Co. ("Blue Bell," "Red Label"), 463 West, New York
White Star Battery Co. ("White Star," "Red Star"), 126 Chambers, New York
Wilhelm Henry ("Heln"), 70 Frost, Brooklyn, N. Y.

650a—Batteries (Dry Cell Blasting)

Atlas Powder Co., Wilmington, Del.
Giant Powder Co. Cons., San Francisco, Cal.

650b— Batteries (Flashlight)

Am Ever Ready Works, Thomson av, Long Island City, N. Y.
Delta Electric Co., Marion, Ind.
French Battery & Carbon Co., Madison, Wis.
Harper Fredk. (" Secret Service ") Everett, Mass.
Interstate Elec. Novelty Co., 104 S 4th, Brooklyn, N. Y.
Stuart Products Corp., 633 Washington, Chicago, Ill.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

651— Batteries (Ignition)

See also Igniters, Gas & Gasoline Engines

Akar Ignition Co. ("Akar"), 149 W. Berkeley, Phila., Pa.
National Carbon Co. ("Columbia Ignitor," "Columbia Multiple," "U. S. Ignitor," " Columbia Hot Shot "), Madison av, N W & W 117th, Cleveland, O.
Northwestern Battery Co., 530 Jefferson, Milwaukee, Wis.
Sevison Electric Co., Elkhart, Ind.
United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile), East Pittsburgh, Pa.
See adv index at end of book

652— Batteries (Medical)

And Electro Medical Apparatus

Bunnell J. H. & Co. ("No.-4-D-D," "No. 6," "Auto Kure"), 32 Park pl, New York
Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
Gorman Electric Construction Co., 315 Minnesota, St. Paul, Minn.
International Instrument Co., Cambridge, Mass.
Kendrick-Davis Co. ("K-D"), Lebanon, N. H.
Knapp Elec. & Novelty Co. ("Verilife," "Electrophits"), 511 W 51st, New York
Lindstrom, Smith Co. ("White Cross"), 3212 W Lake, Chicago, Ill.
McElliott D. P., 175 N State, Chicago, Ill.
McIntosh Battery & Optical Co., 217 Desplaines, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO. ("Home," "Apollo," "Household," "Manhattan," also Attachments), 171 Park pl, New York
See adv index at end of book
Manufacturers & Inventors Electric Co., 29 Gold, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Ohio Electric & Controller Co., 5900 Maurice, Cleveland, O.
Ostrander W. R. & Co., 371 B'way, New York
Pierson-Wilcox Electric Co., 223 S 6th, Minneapolis, Minn.
Pignolet Louis M., 78 Cortlandt, New York
Pullen Leon W. Co. ("Gal-Far"), 618 Chestnut, Phila., Pa.
Tardie, E. J., 156 5th av, New York
Victor Elec. Corp., 236 S Robey, Chicago, Ill.
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Waite & Bartlett Mfg., 53 Jackson av, Long Island City, N. Y.
Wappler Elec. Co., 187 Harris av, Long Island City, N. Y.

653—Batteries (Open & Closed Circuit)

Open & Closed Circuit Wet Batteries

American Carbon & Battery Works of National Carbon Co., Inc. ("New Phoenix"), East St. Louis, Ill.
Bunnell J. H. & Co. ("Microphone," "Carbon Cylinder"), 32 Park pl, New York
Burn-Boston Battery & Mfg. Works, 134 State, Boston, Mass.
Clark & Mills Elec. Co. ("Excello"), Cambridge, Mass.
Eastern Signal & Supply Co. ("Atlas," " Primary "), 30 Church, New York
Edison Thomas A. ("Esco," Closed), Orange, N. J.
Electric Goods Mfg. Co. ("Samson," "Nomas"), Canton, Mass.
Enterprise Electric Supply Co. ("Franklin"), Latrobe, Pa.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Carbon Co. (" Columbia "), Madison av, N W & W 117th, Cleveland, O.
Pullen Leon W. Co., 618 Chestnut, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
Samson Elec. Co., 146 Summer, Canton, Mass.
Waterbury Battery Co. ("Waterbury Separate Cylinder," "Waterbury Unit Cylinder," "Gordon Primary," "Schoenmehl"), Waterbury, Conn.
Western Electric Co., 463 West, New York
White S. S. Dental Mfg. Co. ("Partz"), 211 S. 12th, Phila., Pa.

Batteries (Stamp)

See Mills, Stamp

654— Batteries (Storage)

Acme Storage Battery Corp., Poughkeepsie, N. Y.
Am. Battery Co. (" American "), 1134 Fulton, Chicago, Ill.
American Ever Ready Wks of Nat. Carbon Co., Thompson av, Long Island City, N. Y.
American Storage Battery Co. ("Eckstromer"), Albro, Boston, Mass.
Ashbrook Elec. Co., 4111 Ravenswood av, Chicago, Ill.
Atlas Electric Storage Battery Co., Greenville, Mich.
Bison Storage Battery Co., 24 E Ferry, Buffalo, N. Y.
Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.
Cincinnati Storage Battery Co., Moormann & Madison rd, Cincinnati, O.
Commercial Battery Co. ("Combat"), 759 Boston av, Chicago, Ill.
Culver Stearns Mfg. Co., Worcester, Mass.
Dayton Electrical Mfg. Co. ("Hubler Dayton"), Dayton, O.
Dealers Elec. Co. ("Perfection") 500 E 40th, Chicago, Ill.
Edison Storage Battery Co. ("Edison"), Orange, N. J.
Electric Storage Battery Co. ("Exide," "Chloride" & "Tudor Accumulator"), 19th & Allegheny av, Phila., Pa.
Electric Storage Supply Co., Somerville, Mass.
Electric Supply Co., 1947 E. 9th, Cleveland, O.
Fostoria Battery Co., Fostoria, O.
Fowler Lamp & Mfg. Co. ("Fowler" Motor Cars & Boats), 59 E 24th, Chicago, Ill.
Gardiner Storage Battery Co., 50 E 51st, Chicago, Ill.
General Lead Batteries Co., 4 Lister av, Newark, N. J.
General Storage Battery Co., 2005 Locust St. Louis, Mo.
Globe Elec. Co., 195 B'way, Milwaukee, Wis.
Gould Storage Battery Co., 30 E 42nd, New York
Heissler Storage Battery Co., 2506 Cottage Grove, Chicago, Ill.
Helio Mfg. Co. ("Morrison"), 2530 N Broad, Phila., Pa.
Hinsdill Electric Co., Troy, N. Y.
Hoosier Storage Battery Co. ("Fire-Fly," "Hobo"), Evansville, Ind.
Kinetic Elec. Co., Norfolk, Va.
Kuehn & Metz, 559 W. 54th, New York.
Lincoln Storage Battery Co., Troy, N. Y.
Lyons Storage Battery Co., Inc., Stephen Girard bldg., Philadelphia, Pa.
McCauly Storage Battery Co. ("Kremlo"), 1060 St. Clair, Cleveland, O.
MacRae Hector C. ("Champion"), 316 St. Paul, Baltimore, Md.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marko, Paul M. & Co., 1191 Bedford av, Brooklyn, N. Y.
Meder-Staudt Co., 649 W 43rd, New York
Mentzer J. P., 2210 S Park av, Chicago, Ill.
Michigan Storage Battery Co., 69 Atwater, E, Detroit, Mich.
Miller Storage Battery Co., Toledo, O.
Milwaukee Auto Specialty Co. ("Victor," "Masco," "Rodiuna"), 711 Chestnut, Milwaukee, Wis.
Miniature Storage Battery Co., Niagara Falls, N. Y.
Multiple Storage Battery Co., Jamaica, N. Y.
National Carbon Co. (" Columbia "), Madison av, N W, & W 117th, Cleveland, O.
Northwestern Battery Co., 530 Jefferson, Milwaukee, Wis.
Perfection Storage Battery Co. ("Perfection "), 500 E. 40th, Chicago, Ill.
Permalife Storage Battery Co. ("Permalife"), Poughkeepsie, N. Y.
Phila. Storage Battery Co. ("Diamond Grid" for Commercial & Pleasure Vehicles), Ontario & C. Phila., Pa.
Phoenix Electric Co., 133 W Washington, Chicago, Ill.
Prest-O-Lite Co., Speedway, Indianapolis, Ind.
Rex Battery Co., 2505 S State, Chicago, Ill.
St. Joseph's Battery Co., St. Joseph, Mo.
Salom Electric Storage Battery Co., Niagara Falls, N. Y.
Schug Elec. Mfg. Co., 252 Larned, Detroit, Mich.
Silvey Electric Co., Dayton, O.
Storage Battery Supply Co. ("Reliance," "Reliable," "Hudson Fulton," "Hudson Fulton, Jr."), 239 E 27th, New York
United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.
Victor Storage Battery Co., Rock Island, Ill.
Volkcar Storage Battery Co., 220 E 25th, Chicago, Ill.
Weber Battery Co., 3306 W Jackson blvd, Chicago, Ill.
White City Electric Co., 14 N Franklin, Chicago, Ill.
Willard Storage Battery Co. ("Willard," E. 131st & St. Clair, Cleveland, O.
Witherbee Storage Battery Co., Inc., 643 W 43d, New York
Wright Storage Battery Co., Poughkeepsie, N. Y.

654a— Batteries (Wet)

Edison Thos. A., Inc., Bloomfield, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Carbon Co., Cleveland, O.
Samson Electric Co., Canton, Mass.
Waterbury Battery Co. ("Waterbury Track"), Waterbury, Conn.

655— Battery Accessories

Heinze John O. Co. (Storage Battery Cell Testers), Springfield, O.
Hertner Electric & Mfg. Co., W 112th, Cleveland, O.
National Acme Co., 7500 Stanton av, S. E., Cleveland, O.
Storage Battery Supply Co. ("Reliance," "Reliable," "Hudson Fulton," "Hudson Fulton, Jr.") (Of All Kinds), 239 E 27th, New York
Universal Battery Co. ("Universal" Repair Parts), 5410 S. La Salle, Chicago, Ill.

Batting (Cotton)

See Cotton Batting

656— Batting (Jute)

Atlantic Jute Mills, Norfolk, Va.

657— Batting (Wool)

LaCrosse Woolen Mills, LaCrosse, Wis.

658— Bauxite

American Bauxite Co., Oliver bldg, Pittsburgh, Pa. & Bauxite, Ark.
Binswanger H. P. 7 W 16th, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
National Bauxite Co., 35th & Gray Ferry, Phila., Pa.
Republic Mining & Mfg. Co., Harrison bldg, Phila., Pa.
Vanderbilt R. T. Co., 50 E 42nd, New York

659— Beaders (Flue)

Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

659a— Beads (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B & Sons, 364 5th av, New York *See adv index at end of book*
National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

659b— Beakers — Glass (Chemical Laboratory, etc.)

Corning Glass Works ("Pyrex"), Corning, N. Y.
Daigger A. & Co., 54 W. Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York
Fry H. C. Glass Co., Rochester, Pa.
Guernsey Earthenware Co., Cambridge, O.
International Glass Co., Millville, N. J.
Macbeth-Evans Co., Pittsburgh, Pa.
Scientific Utilities Co., 84 E. 20th, New York

659c— Beakers (Porcelain)

Coors Porcelain Co., Dept. H, Golden, Colo.
Ohio Pottery Co., Zanesville, O.

660—Beam Heads (Pressed Steel)

Mossberg Frank Co., Attleboro, Mass.

661— Beams (Cultivator)

Illinois Steel Co., 208 S La Salle, Chicago Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.

662—Beams (Pressed Steel, with Steel Barrels)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
Mossberg Frank Co. (For Narrow Fabric Looms, Non-Elastic & Elastic), Attleboro, Mass.

663— Bearing Parts (Roller)

Bond Foundry & Machine Co. (Bearings), Manheim, Pa.
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, N. Y.

663a— Bearings (Aeroplane)

Doehler Die-Casting Co. (Babbitt Lined Bronze), 9th & Court, Brooklyn, N. Y.
Fafnir Bearing Co. ("Fafnir" Ball), New Britain, Conn.
Gwilliam Co. (The), 23 Flatbush av, Brooklyn *See adv index at end of book*
Hess-Bright Mfg. Co. (Ball), Front & Erie av, Phila, Pa.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book

664— Bearings (Agate)

Bache Semon & Co. (Imp), 636 Greenwich, New York
Bracher Co. (For Jewelers' Scales), Belleville, N. J.
Glogau & Co., Great Lakes bldg., Chicago, Ill.

665-6— Bearings (Annular)

Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
Federal Bearings Co., Poughkeepsie, N. Y.
Gurney Ball Bearing Co., Jamestown, N. Y.
GWILLIAM CO. (THE), 23 Flatbush av, Brooklyn *See adv index at end of book*
Hess Bright Mfg. Co. ("Monarch"), Front & Erie av, Philadelphia, Pa.
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book
Rockwell-Drake Co., Plainville, Conn.
S. K. F. Ball Bearing Co. ("S. K. F"), Hartford, Conn.
Schatz Mfg. Co., Poughkeepsie, N. Y.

Bearings (Anti-Friction)

See Babbitt Metal; also Bearings, Various Kinds; also Brasses, Car & Engine

667—Bearings (Armature & Axle)

Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Bond Foundry & Machine Co., Manheim, Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia" With or Without Babbitt Lining, Base, Lead or Tin), Atlantic av & Chestnut, Brooklyn, N. Y.
Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
Hess-Bright Mfg. Co. ("H. B.-D. W. F."), Front & Erie av, Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
JOHNSON BRONZE CO., New Castle, Pa.
More-Jones, Brass & Metal Co. ("More-Jones, Tiger"), B'way & Dock, St. Louis, Mo.
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, N. Y.

667a—*Bearings (Automobile Crank Shaft)

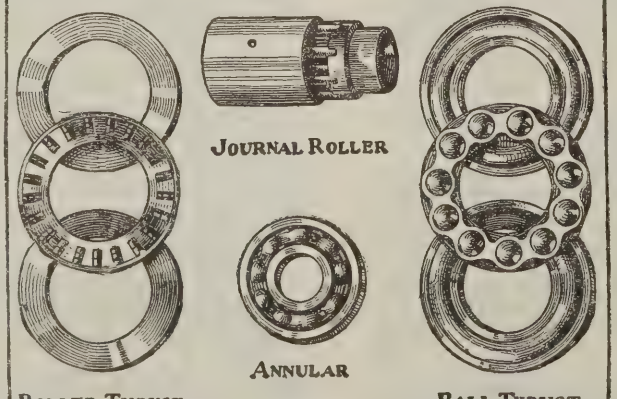
Bunting Brass & Bronze Co., 738 Spencer Toledo. O. *See adv index at end of book*

667b—Bearings (Babbitt Lined)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Bond Foundry & Machine Co., Manheim, Pa.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Federal Bearing & Bushing Corp, 1448 Trombly, Detroit, Mich.

668— Bearings (Ball)

See also Balls, Steel; also Bearings, Roller
Aetna Ball Bearing Mfg. Co., 227 Institute Pl, Chicago, Ill.
See adv index at end of book
Ahlberg Bearing Co. ("A B Co."), 317 E. 29th, Chicago, Ill.
American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Atlas Ball Co. (Radial & Thrust), 4th H & Glenwood av, Phila., Pa.
Auburn Ball Bearing Co. (Annular & Special), 26 Elizabeth, Rochester, N. Y.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Ball & Roller Bearing Co., 22 Maple av, Danbury, Conn.
Bantam Ball Bearing Co., Bantam, Conn.
Bearings Co., of America ("F. & S."), Lancaster, Pa.
Boston Gear Works, (Thrust Collar, etc), Norfolk Downs, Quincy, Mass.
See adv index at end of book
Brawley T. R., 275 20th, Brooklyn, N. Y.
Bretz J. S. Co., 250 W 54th, New York
Burgess & Norton Mfg. Co. (Motor Cycle, Side Car, Light Car), Geneva, Ill.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Cotton States Belting & Supply Co., Atlanta, Ga.
Everhard Mfg. Co. (For Tire & Rubber Mfrs), Canton, O.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
Federal Bearings Co., Poughkeepsie, N. Y.
Fisher Mfg. Co., East Liverpool, O.
G-A Ball Bearing Mfg. Co. ("G-A"), 3051 W. Lake, Chicago, Ill.
Glogau & Co., Great Lakes Bldg, Chicago, Ill.
Graham Roller Bearing Co., Coudersport, Pa.
Gurney Ball Bearing Co. ("Gurney," for Heavy Duty Service), Jamestown, N. Y.
GWILLIAM CO. (THE), 23 Flatbush av, Brooklyn, New York
See adv index at end of book
Harris & Reed, 1500 W 15th, Chicago, Ill.
Hess-Bright Mfg. Co. ("H. B.-D. W. F." Radial & Thrust), Front & Erie av, Phila., Pa.
Hill-Smith Metal Goods Co. ("H. S." for Automobiles), 82 Brookline av, Boston, Mass.
Hudson Export & Import Co. ("R. B. F.," Imported), 1737 B'way, New York
Imperial Bearing Co. (Annular), 1217 Forest av E., Detroit, Mich.



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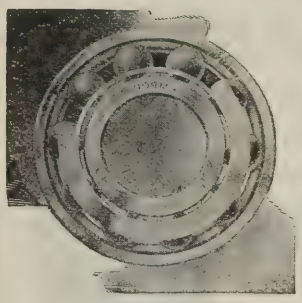
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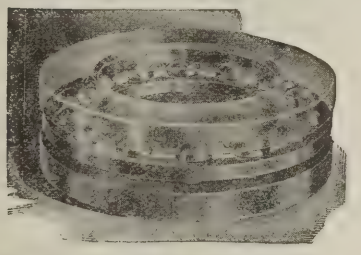
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Precision units affording maximum anti-friction efficiency under end thrust loads; designed to afford long-service durability and silent-running qualities; made in several styles, single and double, both without housings and with housings of several types giving self-contained advantages.

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BEARINGS (BALL)—continued
International Ball & Roller Bearing Co. (For Oil Wells), 1283 Niagara, Buffalo, N. Y.
JOHNSON BRONZE CO., New Castle, Pa.
Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.
Jones Ball Co. (Importers), Arlington Heights, Mass.
Marburg Bros. ("S. R. O." Imported), 90 West, New York
Matthews H. A. Mfg. Co., Seymour, Conn.
Matthews Mfg. Co., 104 Gold, Worcester, Mass.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
N. Y. Bearings Co., 311 W 59th, New York
Nice Ball Bearing Co., 30th & Nicetown, Phila., Pa.
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book
O. & S. Bearing Co., 526 Clay av, Detroit, Mich.
Pressed Steel Mfg. Co. ("Knipe's"), Land Title bldg, Phila., Pa.
Rhineland Machine Works Co. (Imp & Domestic), 1737 B'way, New York
R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes & All Rotating Parts), 1765 B'way, New York
Reebe Ball Bearing Co. Inc., 1790 B'way; New York
Rochester Ball Bearing Co., Rochester, N. Y.
Royersford Foundry & Mach. Co., Royersford, Pa.
S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.
Salisbury Ball Bearing Co. ("Simplex Twin X All"), 3741 E 93rd, Cleveland, O.
Schatz Mfg. Co. ("Commercial" Annular Ball Bearings), Poughkeepsie, N. Y.
Standard Machinery Co., Providence, R. I.
Standard Steel & Bearings, Inc. (Annular, etc.), 50th & Lancaster, av, Phila., Pa.
TORRINGTON CO. (THE) (Cup & Cone), Excelsior Plant, Successor to Excelsior Needle Co., Torrington, Conn.
See adv index at end of book
Transmission Ball Bearing Co. ("Chapman"), 1050 Military rd, Buffalo, N. Y.
U. S. Ball Bearing Mfg. Co. (Radial, Cup & Cone, Combination, Double Action, Plain Grooved & Double Direction Thrust), Palmer & Kolmar av, Chicago, Ill.
Wallace Supplies Mfg. Co. (Regrinding & Repairing), 416 Orleans, Chicago, Ill.
Worcester Pressed Steel Co. (Cups Only), Worcester, Mass.
See adv index at end of book

669—Bearings (Bronze Metal)

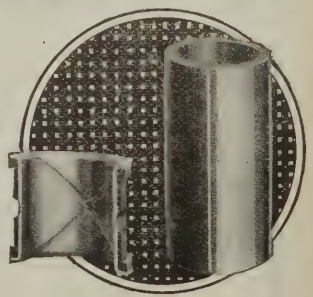
Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Allan A. & Son ("Allan" for Steel Mill Service), 6th & Bergen, Harrison, N. J.
Aluminum Castings Co. ("Lynux") 2210 Harvard av, Cleveland, O.
American Bearing & Die Casting Corp., 212 W McCarthy, Indianapolis, Ind.
American Bronze Corp. ("Non-Gran"), Berwyn, Pa.
American Crucible Furnace Co., Dept H, Elyria, Ohio.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Atlas Brass Foundry Co., The ("Atlas"), Columbus, Ohio.
See adv index at end of book
Atlas Brass Foundry Co., 980 Park, Columbus, O.
Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.
Bronze Metal Co. ("Vim"), 30 Church, New York
Buckeye Tempered Copper & Brass Co., Mansfield, O.
BUNTING BRASS & BRONZE CO. ("Bunting" Brass & Bronze), 738 Spencer, Toledo, O.
See adv index at end of book

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Damascus Bronze Co. ("Damascus" for Rolling Mills, Railroads & Electric Railways), N. S. Pittsburgh, Pa.
Dann Products Co., 1084 E 152d, Cleveland, O.
Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Eureka Co., North East, Pa.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
General Aluminum & Brass Mfg. Co. (Bronze Back Babbitt Lined), St. Aubin av, Detroit, Mich.
Harper Thos., 204 Lafayette, New York
Harsch John Bronze & Foundry Co., Madison av, Cleveland, O.
Highton Wm. & Sons Co. (For Automobile, Motor Boat, etc), Nashua, N. H.
Johnson Bronze Co., New Castle, Pa.
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Lawrenceville Bronze Co., Bessemer bldg. Pittsburgh, Pa.
Light Mfg. Co. & Foundry Co. ("Automobile"), Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
Martin & Anson Co., 2226 Indiana av, Chicago, Ill.
Milwaukee Die Casting Co. (Bronze Shell, Babbitt Lined), 297 4th, Milwaukee, Wis.
More-Jones, Brass & Metal Co. (More-Jones, "Tiger"), B'way & Dock, St. Louis, Mo.
National Aluminum Co., Racine, Wis.
Nat'l Bronze & Aluminum Fdy., 2539 E 79th, Cleveland, O.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Oregon Brass Works (Densemore), 73 N 2 Portland, Ore.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Brightwood Brass Foundry, Springfield, Mass.
Ryder Brass Fdry Co., Bucyrus, O.
Standard Parts Co., Cleveland, O.
Titanum Bronze Co. Inc., Niagara Falls, N. Y.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

669a—*Bearings (Bunting Bronze)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O.
See adv index at end of book

Bearings (Car Journal)

See Bearings, Journal

670— Bearings (Collar Oiling)

Hill Clutch Co. ("Hill"), W. 65th, Cleveland, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago

671—Bearings (Combined Radial & Thrust)

Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
Gurney Ball Bearing Co., Jamestown, N. Y.
Hess Bright Mfg. Co. ("Hess-Bright"), Front & Erie, Philadelphia, Pa.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book

672—Bearings (Common Flat Box)

Bond Foundry & Machine Co., Manheim, Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Co., 300 W. 39th, Chicago, Ill.
See adv index at end of book

673— Bearings (Die Cast)

American Bearing & Die Casting Corp., 212 W. McCarthy, Indianapolis, Ind.
American Crucible Furnace Co., Dept H, Elyria, Ohio.

BURNS-CROFT CO.

22-39 Herndon, Chicago, Ill.
See adv index at end of book
Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
FRANKLIN DIE-CASTING CORP. (Motor), Gifford & Magnolia, Syracuse, N. Y.
Legler-Eilerman Co., Dayton, O.
Light Mfg. & Foundry Co., Pottstown, Pa.
Lubricating Metal Co., 2 Rector, New York.
Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
Modern Die & Tool Co., 202 S Penn, Indianapolis, Ind.
Stewart Mfg. Co., 4535 Fullerton av, Chicago, Ill.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

674— Bearings (Drop Hanger)

Bond Foundry & Machine Co., Manheim, Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
Link-Belt Co., 300 W. 39th, Chicago, Ill.
See adv index at end of book

675—Bearings (Electrical, Motor, Etc.)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Atlas Ball Co., 4th H & Glenwood av, Phila., Pa.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Bantam Ball Bearing Co. (Ball), Bantam, Conn.
Bound Brook Oil-Less Bearing Co. "Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.
Brady Brass Co. (For Street Railway, etc), 170 14th, Jersey City, N. J.
Bronze Metal Co. ("Vim"), 30 Church, New York
Bunting Brass & Bronze Co. (Auto, Motor Cycle, etc), 738 Spencer, Toledo, O.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co. (For Armatures, etc), Atlantic av & Chestnut, Brooklyn, N. Y.
Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Electric Materials Co., North East, Pa.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
General Aluminum & Brass Mfg. Co., St. Aubin av, Detroit, Mich.
Harper Thos., 204 Lafayette, New York
Hyatt Roller Bearing Co., Harrison, N. J.
LUMEN BEARING CO. ("Lumen." Bronze), 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
JOHNSON BRONZE CO., New Castle, Pa.
Mogul Metal Co., 535 Larned W., Detroit, Mich.
More-Jones, Brass & Metal Co. ("Artic," Electrical Motor, etc.), B'way & Dock, St. Louis, Mo.

BEARINGS (ELEC., MOTOR, ETC.)—cont.
Muzzy-Lyon Co., Ltd., 535 Larned W., Detroit, Mich.
Nat'l Bronze & Aluminum Fdy. Co., 2539 E 79th, Cleveland, O.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
Norma Co. of America, Anable av, Long Island City, N. Y.
See adv index at end of book
Phosphor-Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Railway Roller Bearing Co., Syracuse, New York
Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catherine, Phila., Pa.
Ridlon Frank Co. ("Ridlon," Bronze & Composition), 251A, Boston, Mass.
Riverside Metal Co. (Brass Bronze & Phosphor Bronze), Riverside, N. J.
S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn
St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.
Standard Parts Co., Cleveland, O.
Taylor Elec. Truck Co. ("Taylor," Journal), Troy, N. Y.
Titanum Bronze Co. Inc., Niagara Falls, N. Y.
Traction Materials Co., 501 5th av, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

675a—Bearings (For Automobile Axles, Transmission, etc)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bond Foundry & Machine Co. (Transmission), Manheim, Pa.
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Erie Bronze Co., 353 W. 19th, Erie, Pa.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
Gurney Ball Bearing Co., Jamestown, N. Y.
Gwillian Co. (The), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
NEW DEPARTURE MFG. CO., ("New Departure"), Bristol, Conn.
See adv index at end of book
Standard Parts Co., Cleveland, O.
Timken Roller Bearing Co. (Anti-Friction), Dept H, Canton, Ohio.

675b—Bearings (For Automobile Magnetos & Starters)

Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Erie Bronze Co., 353 W. 19th, Erie, Pa.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
Gurney Ball Bearing Co., Jamestown, N. Y.
Gwilliam Co. (The), 23 Flatbush av. Brooklyn, N. Y.
See adv index at end of book
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
Norma Co. of America, Anable av, Long Island City, N. Y.
See adv index at end of book

675ba— Bearings (For Farm Tractors)

Gwilliam Co. (The), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
JOHNSON BRONZE CO., New Castle, Pa.
New Departure Mfg. Co. ("New Departure'), Bristol, Conn.
See adv index at end of book
Timken Roller Bearing Co. (Anti-Friction), Dept H, Canton, Ohio.

675c—Bearings For Machines & Machine Tools

Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Erie Bronze Co., 353 W. 19th, Erie, Pa.
FAFNIR BEARING CO. ("Fafnir," For Machines of Every Description), New Britain, Conn.
GWILLIAM CO. (THE), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
JOHNSON BRONZE CO., New Castle, Pa.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*

675d—*Bearings (For Orphan Cars)

GWILLIAM CO. (Ball & Roller), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book

676— Bearings (Graphite)

Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.
Edna Brass Mfg. Co., Cincinnati, O.

677—Bearings (Hanger Parts)

Bond Foundry & Machine Co., Manheim, Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
Dann Products Co., 1084 E. 152nd, Cleveland, O.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Bearings (Hard Fibre)

See Fibre, Hard

678— Bearings (High Speed)

Hill Clutch Co., W. 65th, Cleveland, O.
Norma Co. of America, Anable av, Long Island City, N. Y.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, New York

679— Bearings (Journal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Allan A. & Son ("Allan," Bronze), 6th & Bergen, Harrison, N. J.
American Crucible Furnace, Co., Dept H, Elyria, Ohio.
Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Atkinson Co. ("Plata"), Rochester, N. Y.
Atlas Brass Foundry Co., The, Columbus, Ohio. *See adv index at end of book*
Aurora Metal Co., Aurora, Ill.
Bantam Ball Bearing Co. (Roller), Bantam, Conn.
Besly Chas. H. & Co. ("Helmet"), 120 N Clinton, Chicago, Ill.
Blake Edwin J. (Car & Locomotive), Hartford, Conn.
Bond Foundry & Machine Co., Manheim, Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.
Brady Brass Co., 170 14th, Jersey City, N. J.
Bronze Metal Co. ("Vim" Metal), 80 Church, New York
Brown A. & F. Co., 79 Barclay, New York.
Chain Belt Co. (Solid), Milwaukee, Wis.
Chicago Bearing Metal Co. ("Graphose" Brass Car), 2220H W. 43rd, Chicago, Ill.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Cotton States Belting & Supply Co., Atlanta, Ga.
Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Easton Car & Construction Co. (Car Journal, Roller Self Oiling), 198 Fulton, New York.
See adv index at end of book
Edna Brass Mfg. Co. ("Porteous," Graphite), Cincinnati, O.
Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.
Eureka Co., North East, Pa.
Falcon Bronze Co., Youngstown, O.
Fitz Gerald John L., Albany, N. Y.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Graham Jas. & Co., New Haven, Conn.
Gwilliam Co. (The), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W. 65th, Cleveland, O.
Hyatt Roller Bearing Co., Harrison, N. J.
JOHNSON BRONZE CO., New Castle, Pa.
Keystone Bronze Co. (Car & Rolling Mill), 39th & A. V. R. R., Pittsburgh, Pa.
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Magnus Co., 945 Griffin, Detroit, Mich.
Meneely Geo. R. & Son, Watervliet, N. Y.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
MORE-JONES BRASS & METAL CO. ("Pullman"), B'way & Dock, St. Louis, Mo. *See adv index at end of book*
Muzzy-Lyon Co., Ltd., 535 Larned W. Detroit, Mich.
Nat'l Bronze & Aluminum Fdy. Co., 2539 E 79th, Cleveland, O.
National Lead Co., 111 B'way, New York
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Norma Co. of America, Anable av, Long Island City, N. Y.
See adv index at end of book
North American Smelting Co. (Car Bearings), 9th & Thompson, Phila., Pa.
Oregon Brass Works, 73 N 2nd, Portland, Ore.
Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Railway Roller Bearing Co. (Car Journal), Syracuse, N. Y.
Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catharine, Phila., Pa.
Riverside Metal Co. (Brass, Bronze & Phosphor Bronze), Riverside, N. J.
Royersford Foundry & Machine Co., Royersford, Pa.
St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.
Shoop Bronze Co. (Mill), Tarentum, Pa.
See adv index at end of book
Spacke Machine & Tool Co., Indianapolis, Ind.
Taylor Electric Truck Co., Troy, N. Y.
Watson Frye Co., Ltd., Bath, Me.
Waynesboro Foundry & Machine Co., Waynesboro, Pa.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

680— Bearings (Lead Lined)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
JOHNSON BRONZE CO., New Castle, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

681—*Bearings (Lumen Bronze)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*

681a— Bearings (Mill)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
See adv index at end of book
Bronzbraswyt Metal Co., 4901 Butler, Pittsburgh, Pa.
DAMASCUS BRONZE CO. ("Damascus"), N. S. Pittsburgh, Pa.
See adv index at end of book
JOHNSON BRONZE CO., New Castle, Pa.

Bearings (Motor)

See Bearings, Electrical, Motor, Etc

682— Bearings (Oilless)

Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Electric Railway Equip Co., Cincinnati, O.
Metaline Co. ("Metaline"), West av, Long Island City, N. Y.
New York Oilless Bearing Co. (Roller), 126 Liberty, New York
Nolu Oilless Bearing Co., 6 E Johnson, Germantown, Phila., Pa.
Non-Metallic Oilless Bearing Co. of Mass., Newtonville, Mass.
Randall Graphite Products Corp., 711H Fulton, Chicago, Ill.

683-4— Bearings (Pillow Block)

Bond Foundry & Machine Co., Manheim, Pa.
Chicago Pulley & Shafting Co., 40H S. Clinton, Chicago, Ill.
Cotton States Belting & Supply Co., Atlanta, Ga.
JEFFREY MFG. CO. (Ball & Socket, Chain Oiling Rigid, Ring, Oiling Rigid, Plain & Wick Oiling, Graphite Sheet Lubricator Bearings), 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

685— *Bearings (Post)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

686— Bearings (Post Hanger)

Bond Foundry & Machine Co., Manheim, Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

687—Bearings (Radio Thrust)

Gurney Ball Bearing Co., Jamestown, N. Y.

688— Bearings (Ring Oiling)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Barnard & Leas Mfg. Co., Moline, Ill.
Black-Clawson Co., Hamilton, O.
Bond Foundry & Machine Co. (Ball & Socket, etc.), Manheim, Lancaster Co., Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
Cresson-Morris Co., 18th & Allegheny, Phila., Pa.
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
Royersford Foundry & Machine Co., Royersford, Pa.
Woods T. B. Sons Co., Chambersburg, Pa.

689— Bearings (Roller)

See also Bearing, Ball; also Bearings, Side

Accurate Engineering Co., 5401 Western av. bldg, Chicago, Ill.
American Roller Bearing Co., 428 Melwood av, Pittsburgh, Pa.
See adv index at end of book

American Roller Bearing Co.
Manufacturers of
ROLLER BEARINGS
FOR ALL PURPOSES
428 Melwood Ave., Pittsburgh, Pa.

Ball & Roller Bearing Co., Danbury, Conn.
Bantam Ball Bearing Co., Bantam, Conn.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Bowert Roller Bearing Co. (Automobile & Vehicle), 3040H Hart av, Detroit, Mich.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Cotton States Belting & Supply Co., Atlanta, Ga.
Easton Car & Construction Co. (Brass & Selfoiling), 198 Fulton, New York
See adv index at end of book
Federal Bearings Co., Poughkeepsie, N. Y.
Gilliam Co., Canton, O.
Graham Roller Bearing Co., Coudersport, Pa.
Gustafson Mfg. Co., Chattanooga, Tenn.
GWILLIAM CO. (THE), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
Hyatt Roller Bearing Co., Harrison, N. J.
Lincoln Steel & Forge Co. (Mine Car Trucks), 5701 Natural Bridge av, St. Louis, Mo.
McCulloch A. P. Machine Co. (Special), 216 High, Boston, Mass.
Makutchan Roller Bearing Co. (For Factory Power Transmission Machines, Automobiles, Tractors, Machines etc.) ("Twinro," "Twinline"), Joliet, Ill.
National Acme Co., 7500 Stanton av, Cleveland, O.
New York Oilless Bearing Co. (Oilless), 126 Liberty, New York
Norma Co. of America, Anable av, Long Island City, N. Y.
See adv index at end of book
Penna. Shafting Co. ("Wright" Taper), Spring City, Pa.
Pickering Governor Co. (Roller Relief), Portland, Conn.
Railway Roller Bearing Co. ("Rollway"), Syracuse, N. Y.
Reber Calvin P., Reading, Pa.
Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
Shafer Bearing Corp., Ravensword av, at Sunnyside, Chicago, Ill.
Standard Machinery Co., Providence, R. I.
Standard Parts Co. (Taper), Cleveland, O.
Standard Steel & Bearings, Inc. (Improved Taper), 50th & Lancaster av, Phila., Pa.
Suspension Bearing Co., Spartanburg, S. C.
Timken-Detroit Axle Co. (Automobile & Truck), Clark av, Detroit, Mich.
Timken Roller Bearing Co. (Tapered Auto, Truck & Farm Tractor), Dept H, Canton, Ohio.

690— Bearings (Self-Oiling)

Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Atlas Ball Co., 4H & Glenwood av, Phila., Pa.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Hyatt Roller Bearing Co., Harrison, N. J.
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
Webster Mfg. Co., Tiffin, O.
See adv index at end of book
Woonsocket Mach. & Press Co., Woonsocket, R. I.

691— Bearings (Shaft Hanger)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Cotton States Belting & Supply Co., Atlanta, Ga.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Nolu Oilless Bearing Co., 6 E Johnson, Germantown, Phila., Pa.
Sauer Power Generating Co., 5115-19 Rosetta, Pittsburgh, Pa.
Transmission Ball Bearing Co. ("Chapman"), 1056 Military rd, Buffalo, N. Y.

692— Bearings (Side)

American Steel Foundries ("Susemihl"), McCormick bldg, Chicago, Ill.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Cardwell Mfg. Co. ("Cardwell Rocker"), 332 S Michigan av, Chicago, Ill.
Chicago Railway Equipment Co. ("Creco" Roller), 1928 W 46th, Chicago, Ill.
Hegeman Castle Corp. ("Perry" Anti-Friction), Fisher Bldg, Chicago, Ill.
Holden & White ("Perry" Anti-Friction), 343 S. Dearborn, Chicago, Ill.
Joliet Railway Supply Co. ("Perry," Automatic Frictionless), Joliet, Ill.
Miner W. H., The Rookery, Chicago, Ill.
Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.
St. Louis Car Co. ("St. Louis"), 8000 N B'way, St. Louis, Mo.
Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Michigan av, Chicago, Ill.
Stucki A. ("Stucki"), Oliver bldg, Pittsburgh, Pa.
Symington, T. H. Co. ("Baltimore"), 233 B'way, New York
Western Steel Car & Foundry Co. (Pressed Steel), 1122 S Michigan, Chicago, Ill.
WINE RAILWAY APPLIANCE CO., THE, Toledo, Ohio
Wine Railway Appliance Co. (Frictionless), Toledo, O.
Woods Edwin S. & Co. ("Woods" Roller). 332 S Michigan av, Chicago, Ill.

693—Bearings (Spiral Conveyor)

Cotton States Belting & Supply Co., Atlanta, Ga.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

693a— *Bearings (Step)

GWILLIAM CO (THE), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book

694— Bearings (Take-Up)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Cotton States Belting & Supply Co, Atlanta, Ga.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

694a—*Bearings (Textile Machinery)

Gwilliam Co. (The), 23 Flatbush av, Brooklyn, New York
See adv index at end of book

695— Bearings (Thrust)

Aetna Ball Bearing Mfg. Co., 227 Institute Pl, Chicago, Ill.
See adv index at end of book

AETNA BALL BEARING MANUFACTURING CO.
Manufacturers of
THRUST BALL BEARINGS
227 Institute Place Chicago

American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Atlas Ball Co., 4H & Glenwood av, Phila., Pa.
Atlas Brass Foundry Co., The, Columbus, Ohio *See adv index at end of book*
Auburn Ball Bearing Co. ("Auburn" Ball Bearing), 26 Elizabeth, Rochester, N. Y.
Bantam Ball Bearing Co., Bantam, Conn.
Bailey Geo. D. Co. (Ford), 4500 Ravenswood av, Chicago, Ill.
Bearings Co. of America ("Star" & "F & S"), Lancaster, Pa.
Boston Gear Works (Thrust Collar), Norfolk Downs, Quincy, Mass.
See adv index at end of book
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Continental Fibre Co. (Also Plain Fibre), Newark, Del.
See adv index at end of book
Dann Products Co., 1084 E 152nd, Cleveland, O.
Delaware Hard Fibre Co. (Fibre Plain), Wilmington, Del.
See adv index at end of book
Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
G-A Ball Bearing Mfg. Co., 3051 W Lake, Chicago, Ill.
Graham Roller Bearing Co., Chicago, Ill. (for Ford and Chevrolet Cars, Coudersport, Pa.)
GWILLIAM CO. (THE), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F.," Ball Bearing), Front & Erie av, Phila., Pa.
Hill Clutch Co., W 65th, Cleveland, O.
International Engineering Works ("R. B. F."), 15 Park Row, New York
JOHNSON BRONZE CO., New Castle, Pa.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nat'l Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book
Poole Engineering & Mach. Co., Woodberry Station, Baltimore, Md.
Pressed Steel Mfg. Co. (Ball Bearing), Land Title bldg, Phila., Pa.
Railway Roller Bearing Co., Syracuse, N. Y.
Rhineland Machine Works Co. ("Rhineland" Double Acting), 1737 B'way, New York
R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes), 1765 B'way, New York
Rochester Ball Bearing Co., Rochester, N. Y.
S. K. F. Ball Bearing Co. ("S. K. F.") Hartford, Conn.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Standard Machinery Co., Providence, R. I.
U. S. Ball Bearing Mfg. Co. (Ball Bearing), 4535 Palmer, Chicago

695a— *Bearings (Tractor)

BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo.
See adv index at end of book
Gwilliam Co. (The), 23 Flatbush av, Brooklyn, N. Y.
See adv index at end of book

695b— *Bearings (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

696—Beaters (Carpet & Rug)

Andrews Iron & Wire Works, Rockford, Ill.
Automatic Wire Goods Mfg. Co. (Wire), 13-15 Canal pl, New York
Barlow & Kent Co., Urbana, O.
Basket Importing Co., 119 W 23rd, New York
Beats All Mfg. Co. ("Beats All"), Fairmont, Minn.
Cassady Fairbank Mfg Co. (Wire), 6126 S La Salle, Chicago, Ill
Catawissa Specialty Mfg. Co., Catawissa, Pa.
Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.
Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
Ely Theo. J. Mfg. Co., Girard, Pa.
Erie City Mfg. Co., Erie, Pa.
Fernald Mfg. Co. ("Hilton"), North East, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hessler H. E. Co., Syracuse, N. Y.
Hilker Edward Mop Co., 2614 W Grand av, Chicago, Ill.
Hollow Cable Mfg. Co. ("Preston's" Braided Wire), Hornell, N. Y.
Holt-Lyon Co. ("Cleaner" Wire), Tarrytown, N. Y.
Malin & Co. ("Malin's" Braided Wire), 2514 Vestry av, Cleveland, O.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Racine Iron & Wire Works, Racine, Wis.
Reading Saddle & Mfg. Co. ("Reading" Carpet Whip), Reading, Pa.
Ressler G. S. & Co., Lansing, Mich.
Smith & Phillips Mfg. Co. ("World Beater," "Polished Spring Wire"), 1008 W Madison, Chicago, Ill.
Spring Handle Co., Abingdon, Ill.
Standard Wire Co. ("Gem" Wire), New Castle, Pa.
Steinfeld Bros. (Wire), 116 W 32nd, New York
Streeter N. R. & Co. ("Sensible" Coil Spring), Rochester, N. Y.
Thum Chas D., 150 N 3d, Philadelphia, Pa.
Thurnauer G. M. Co. (Rattan), 6 E 20th, New York
Utility Mfg. Co., Sturgis, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Mfg. Co., Niles, O.
Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.
Zinn Charles & Co., 893 B'way, New York

697—Beaters (Egg & Cream)

A. & J. Mfg. Co. ("A. & J." Egg Beater & Cream Whip), Binghamton, N. Y.

BEATERS (EGG & CREAM)—continued
Bridgeport Wire Goods Co., East Port Chester, Conn.
Browne W. G. Mfg. Co. ("Cyclone"), Kingston, N. Y.
Cassady Fairbank Mfg. Co. ("Turbine"), 6126 S La Salle, Chicago, Ill.
Chapman Co. ("Chapman"), Geneva, N. Y.
Christy Knife Co. ("Christy"), Fremont, O.
Cream Whip Co, 1276 W 3rd, Cleveland, O.
Darby Edw. & Sons Co., 412 N 18th, Philadelphia, Pa.
Dawson J. R. Mfg. Co. ("Surprise"), Fairhill Sta., Philadelphia, Pa.
Dover Stamping & Mfg. Co. ("New Dover" for Family Use & "Leviathan Dover" for Confectioners), Cambridge, Mass.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Fries Geo. Sons, 222 S Front, Philadelphia, Pa.
Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.
Hamblin & Russell Mfg. Co. ("Dover"), Worcester, Mass.
Holt-Lyon Co. ("Holts Improved Dover," "Lyon" Holt's Jar Cream Whip & Butter Mergers, "E Z Y" Ball-Bearing), Tarrytown, N. Y.
Kohler Die & Specialty Co. (Cream), De Kalb, Ill.
Landers, Frary & Clark ("Dover"), New Britain, Conn.
Meek Mfg. Oven Co., Newburyport, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Indicator Co. ("S & S"), 852 Vernon av, Bklyn, N. Y.
Novelty Mfg. Co. ("Cosmos"), Waterbury, Conn.
Parker Wire Goods Co. ("Dover," Hotel & Family, also Wire Egg Beaters & Whips), Worcester, Mass.
Parkesburg Stamping & Mfg. Co. ("Up-to-Date"), Parkesburg, Pa.
Racine Confectioners' Machinery Co., Racine, Wis.
Racine Iron & Wire Works, Racine, Wis.
Roberts Lightning Mixer Co. ("Roberts"), 39 Pearl, Boston, Mass.
Roseland Can & Specialty Co. ("Double Quick"), Rockford, Ill.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Standard Egg Co. ("Silver Pattern"), 26 So Market, Boston, Mass.
Standard Wire Co., New Castle, Pa.
Star Specialty Co., Ashland, O.
Taplin Mfg. Co. ("Dover," "Tumbler," "Light Running," "Taplin"), New Britain, Conn.
Thurnauer G. M. Co. ("Rover's"), 6 E 20th, New York
Titchener-Diehl Co. (also Cake Whips), 1844-48 W. Austin av, Chicago, Ill.
See adv index at end of book
Turner & Seymour Mfg. Co. ("T. & S. Dover"), Torrington, Conn.
Wickwire Spencer Steel Corp. ("Diamond"), Worcester, Mass.
See adv index at end of book
Wire Goods Co. ("Dover" & Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co. ("Sensible" & "Surprise" Beaters & Whip), Worcester, Mass

698— Beaters or Whisks (Isinglass)

Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

699— Beds (Hospital)

Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.
Union Bed & Spring Co., 4345 5th av, Chicago, Ill.

700 — Beds (Wall)

American Wall Bed Co., 1339 W 21st, Chicago, Ill.
Holmes Disappearing Bed Co. ("Holmes"), Pacific Electric Bldg, Los Angeles, Cal.
Limpton H. E. & Co., 578 Monadnock bldg, San Francisco, Cal.
Marshall & Stearns, Phelan Bldg, San Francisco, Cal.
Murphy Door Bed Co. ("In-A-Door"), 22 W. Monroe, Chicago, Ill.
Pacific Spring Bed Co., Berkeley, Cal.

701—Bedstead Mfrs. (Brass or Iron)

ARKANSAS.

FORT SMITH—Ward Furniture Mfg. Co. (Brass & Iron)

CALIFORNIA.

LOS ANGELES—Van Vorst C. B. Co. (Brass & Iron)
SAN FRANCISCO—Bernhard Mattress Co. (Iron), 739 Mission
California Artistic Metal & Wire, 349 7th
Rudgear-Merle Co. (Brass & Iron), 198 Bay

CONNECTICUT.

SHELTON—Whitcomb Metallic Bedstead Co. (Brass & Iron)

GEORGIA.

ATLANTA—Gholstin Spring & Mattress Co. (Iron)
Greenpoint Metallic Red Co

ILLINOIS.

BRADLEY—Turk Jos. Mfg. Co. (Iron, Steel & Brass)
CHICAGO—American Metal Ware Co. (Brass), 368 W Huron
Art Bedstead Co. (Brass & Iron), 37th & Rockwell
Davis, Horwich & Steinman (Iron), 2236 La Salle
Haggard & Marcusson Co (Iron), 1109 W. 37th, Chicago, Ill.
Union Bed & Spring Co., 4345 Fifth av.
PEORIA—Peoria Lounge & Mattress Co. (Iron)

INDIANA.

EVANSVILLE—Evansville Metal Bed Co. (Brass & Iron)
Metal Furniture Co. ("Hygiene")
MARION—Harwood-Barley Mfg. Co.
MOORESVILLE—Indiana Brass & Iron Bed Co. (Brass & Iron)

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co. (Brass & Iron)

LOUISIANA.

NEW ORLEANS—Crescent Bed Co., Ltd., (Iron), 2662 Gravier
Magee Mfg. Co. (Brass & Iron), 1518 Tcoupt
Orleans Metal Bed Co. Ltd., 518 City Park

MARYLAND.

BALTIMORE—Foster Bros. Mfg. Co. (Brass & Iron), 320 N Holliday
Southern-Rome Co., 623 W Pratt

MASSACHUSETTS.

BOSTON—Bent G. W. Co. (Brass & Iron), 93 Causeway
Boston Metallic Bed Co. (Iron), 90 Canal
Merrimac Mattress Mfg. Co. (Iron), 129 Portland
Richardson, Wright & Co. (Iron), 65 Beverly
WESTBORO — Foster-Richardson Co. (Brass & Iron)

MICHIGAN.

DETROIT—Jenks & Muir Mfg. Co. (Brass & Iron), 1441 Hastings

MINNESOTA.

MINNEAPOLIS—Gangelhoff Bros. (Brass & Iron), 909 S. 2nd
Minneapolis Bedding Co. (Brass & Iron), E Henn av & S E 5th
Salisbury & Satterlee Co. (Iron), 201 S E Main
RED WING—Red Wing Mfg. Co. (Brass & Iron)
ST. PAUL—United States Bedding Co. (Iron)

MISSOURI.

KANSAS CITY—Brown Bed Mfg. Co. (Brass & Iron)
ST. LOUIS—American Bed Co., 1820H Park av
Fort Pitt Bedding Co. (Iron), Dept H Liverpool & Prebleau
Foster Bros. Mfg. Co. (Iron), Broadway & Buchanan
Mellon & Storm Mfg. Co., 10th & Mullanphy
Smith & Davis Mfg. Co. (Iron), 20th & Locust
St. Louis Bed & Mfg. Co., 2007 Railway Exchange

NEW JERSEY.

BAYONNE—Knickerbocker Metallic Bed Co.
JERSEY CITY—Mersereau Metal Bed Co., (Brass & Iron), 292 Johnston av
New York Metallic Bedstead Co., 198 Pacific av
NEWARK—American Metal Bed Co. ("Snow White"), 20 Clifton
Newark Spring Mattress Co., 84 Madison

NEW YORK.

ALBANY—Hasselbarth C. O. (Brass & Iron)
BUFFALO—Barcalo Mfg. Co. (Brass & Iron)
Hard Mfg. Co. (Iron), 117 Tonawanda
Otis Bed Mfg. Co., 170 Florida
MECHANICSVILLE—Eckerson Bedding Co. (Iron)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Gasau Thompson Co., 10 Ashland pl
Greenpoint Metallic Bed Co. (Brass & Iron), 226 Franklin
Royal Metal Furniture Co. (Brass & Iron), 125 8th
Schlesinger W. S. & Co., Richardson
Weisglass Samuel & Co., 13 Montauk av

Manhattan and The Bronx.

NEW YORK—Hall Frank A. & Sons (Im), 120 Baxter
Hudson Metal Bed Co. (Brass & Iron), 116 W 39th
New York Couch Bed Co., 418 W 25th
Ostermoor & Co. (Brass & Iron), 116 Elizabeth
Rogers C. P. & Co. (Brass & Iron), 14 E 33rd
Schlesinger W. & S. & Co. (Iron), 382 2nd av
Somelastique Bedding Co. (Iron), 301 E 22d

Borough of Queens.

LONG ISLAND CITY—Manhattan Bedding Co. (Brass & Iron), Anable av
ROCHESTER—Rochester Brass Bed Co. (Brass)
ROME—Rome Metallic Bedstead Co. (Brass & Iron)
TRUXTON—Bryant Furniture Co. (Iron)
UTICA—Foster Bros. Mfg. Co. (Iron, & Brass)
Hasselbarth-Whiton Co.

NORTH CAROLINA.

HIGH POINT—High Point Metallic Bed Co,
WINSTON SALEM—Forsyth Iron Bed Co. (Brass & Iron)

OHIO.

ASHLAND—Kauffman Mfg. Co. (Iron)
CINCINNATI—Hunt M. A. Co. (Brass & Iron), Dempsey & C. H. & D. Ry. Nunner & Ashton Co. (Brass & Iron), 417 E Pearl
CLEVELAND—Forest City Bedstead Co., 1197 W 67th

PENNSYLVANIA.

BUTLER—Pittsburgh Hickson Co.
CORRY—Kurtz Brass Bed Co. (Ltd.)
HARRISBURG — Boll Bros. Mfg. Co. (Brass & Iron)
PHILADELPHIA—Bernstein Mfg. Co. (Brass & Iron), 3d & Allegheny
Bunting J. R. Bedding Co. (Iron), 1505 Wharton
Dougherty H. D. & Co. ("Faultless" Brass & Iron), 17th & Indiana
McMahen Wm. H. (Brass & Iron), 244 S 2d
PITTSBURGH—Pittsburgh Metal Bed Co. Pittsburgh Tube Co. (Brass or Iron), Keystone bldg. Mills: Colona, Pa.

TENNESSEE.

CHATTANOOGA—Heron Iron Bedstead Co.

VERMONT.

SOUTH SHAFTESBURY—Eagle Square Mfg. Co. (Steel & Iron),

WASHINGTON.

TACOMA—Lock Rail Iron Bedstead Co. (Iron)

WISCONSIN.

FOND DU LAC—Winnebago Furniture Mfg. Co. (Iron)
KENOSHA—Simmons Co. (Brass & Iron)

702— Bee Keepers' Supplies

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Dadant & Sons, Hamilton, Ill.
Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co. (Bee Comb Foundations, Bee Hives, Honey Box Sections, Foundation Fasteners, Honey Boards, Honey Extractors, Bee Escapes, Wax Extractors, Bee Smokers, Rubber Bee Gloves, Bee Feeders, Wax Presses, Italian Bees, etc), Council Bluffs, Ia.
Leahy Mfg. Co., Higginsville, Mo.
Lewis G. B. Co., Watertown, Wis.
Lotz August & Co., Boyd, Wis.
Marshfield Mfg. Co., Marshfield, Wis.
Root A. I. Co., Medina, O.

703— Beeswax

American Trading Co., 25 Broad, New York
Bowdleaf W. H. Co., 69 Broad, Boston, Mass.
Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Bromund E. A. Co., 258 B'way, New York
Candy & Co. (Bleachers & Refiners), 401 N Paulina, Chicago, Ill.
Cathedral Candle Co., Syracuse, N. Y.
Chrystal Chas. B., 13 Cliff, New York.
See adv index at end of book

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Commercial Co., Ltd. of U. S. Imp., 295 B'way, New York
Gonzalez Andres (Imp), 82 Pine, New York
Harburger & Stack (Imported), 27 Ferry, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Lathrop H. R. & Co., 116 Beekman, New York
Mack, Miller Candle Co. (Bleachers & Refiners), Syracuse, N. Y.
Marty F. & Co. (Bleachers & Refiners), Syracuse, N. Y.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Root A. I. Co., Medina, O.
St. Louis Candle & Wax Co., 208 S. First, St. Louis, Mo.
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Smith & Nichols (Imp), 121 Maiden la, New York
Stevenson, Bro. & Co., 110 Race, Phila., Pa.
Strahl & Pitsch (Imported), 141 Front, New York
Whittemore-Wright Co. (Imported), Charleston, Boston, Mass.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
Will & Baumer Co. (Bleachers & Refiners), Syracuse, N. Y.

704— Beeter Knives (Paper Mill)

Bolton John W. & Sons, Inc., Lawrence, Mass.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

Beetles

See Mallets, Wooden

704a— Bell Cord

See also Cords, Trolley, Etc

ROEBLING'S, JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

705— Bell Founders

American Bell & Foundry Co. (Cast Steel), Northville, Mich.
Bell C. S. Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Ct.
Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, O.
East Hampton Bell Co., E. Hampton, Ct.
Fuller Frederic, 277 Brook, Providence, R. I.
Garratt W. T. & Co. 299 Fremont, San Francisco, Cal.
Gong Bell Mfg. Co., East Hampton, Ct.
Graham Jas. & Co., New Haven, Conn.
Hill N. N. Brass Co., E. Hampton, Ct.
Laughlin Thos. Co. (Ship), Portland, Me.
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Meneely Bell Co., Troy, N. Y.
Meneely & Co., Watervliet, N. Y.
Mousley's Chas. Sons, 417 N 12th, Phila., Pa.
New Departure Mfg. Co., Bristol, Conn.
See adv index at end of book
Ross-Meehan Foundries, Chattanooga, Tenn.
Starr Bros. Bell Co., East Hampton, Ct.
Stuckstede Hy. Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
Van Duzen, E. W. Co., 428 E 2d, Cincinnati, O.
Williams E. A. & Son, 109 Plymouth, Jercity, N. J.

Bell Ringers

See Locomotive Bell Ringers

706—Bellows (Blacksmiths', Molders', Etc.)

Brand S. H. Co., 559 W Lake, Chicago, Ill.
Bullock Mfg. Co. (Bakers' Insect, etc.), 1577H Columbus Rd, Cleveland, Ohio.
Bullock T. H. Mfg. Co., Cleveland, O.
California Bellows Works, 416 Harriet, San Francisco, Cal.
Christen Bellows & Mfg. Co. ("Christen"), Main & Dock, St. Louis, Mo.
Cincinnati Bellows Works, 2211 Norwood av, Norwood, Cincinnati, O.
Clark Thos. A. ("Kansas Cyclone" Molders), 5783 Side av, N W, Cleveland, O.
Dobson Wm. (Molders' Calfskin), Canastota, N. Y.
Flaccus Wm. Oak Leather Co., 1228 River av, Pittsburgh, Pa.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Osborn Mfg. Co. (Molders only), 5401 Hamilton av., Cleveland, Ohio.
Paxson, J. W. Co., 1021 N Delaware av, Phila., Pa.
Shanafelt Mfg. Co. (Foundry), Dept H, Canton, Ohio.
Woodason Thomas (Blacksmiths' & Molders', etc), 2900 D, Phila., Pa.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

707—*Bellows (Brass & Wood)

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book

708— Bells (Altar)

East Hampton Bell Co., East Hampton, Conn.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Starr Bros. Bell Co., East Hampton, Conn.

709—Bells (Automobile & Bicycle)

See also Bells, Electric; also Bells & Gongs, Car, Etc.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Liberty Bell Co., 428 Arc, Clevelahd, O.
Mossberg Frank Co. ("Jitney," Also Carriage), Attleboro, Mass.
NEW DEPARTURE MFG. CO. ("New Departure" Bicycle Only), Bristol, Conn.
See adv index at end of book
Reiter G. C., Canton, O.
Starr Bros. Bell Co., East Hampton, Conn.

Bells (Cable End)

See Potheads & Sleeves

710— Bells (Call)

Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Starr Bros. Bell Co., East Hampton, Conn.

Bells (Chime)

See Bells, Church, Farm, Fire & School

711—Bells (Church, Farm, Fire & School)

American Bell & Foundry Co., Northville, Mich.
Bell C. S. Co. (Steel Alloy) ("Crystal Metal"), Hillsboro, O.
Blymer Iron Works Co., Cincinnati, O.
Cincinnati Bell Fdry. Co., 2933 Spring Grove av, Cincinnati, O.
Durfee Walter H. & Co. (Tubular, Tower, etc), 151 Pond, Providence, R. I.
Davoren W. T. Brass Finishing Works (Davoren-Denver), 1241 N 12th, Denver, Colo.
Foote J. B. Foundry Co., Fredericktown, O.
Gamewell Fire Alarm Telegraph Co. (Fire), Newton-Upper Falls, Mass.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Gibson & Kirk Co. (Farm), 217 Key Highway, Baltimore, Md.
Kirby Mfg. Co., Middletown, Conn.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Lehr Agricultural Co., Fremont, O.
McShane Bell Foundry Co., Hartford av & B. & O. R. R., Baltimore, Md.
Manhattan Electrical Supply Co. (Fire Alarm), 17 Park pl, New York
See adv index at end of book
Meneely Bell Co., Troy, N. Y.
Meneely & Co., Watervliet, N. Y.
Mossberg Frank Co. ("Cuckoo" Tire, Electric & Vertical), Attleboro, Mass.
National Bell Fdy Co. (Bells), Cincinnati, O.
New Departure Mfg. Co. ("New Departure," Fire, for Apparatus and on Buildings), Bristol, Conn.
See adv index at end of book
Ross-Meehan Foundries, Chattanooga, Tenn.
St. Louis Bell Fdry. (High Grade), 2735 Lyon, St. Louis, Mo.
Stuckstede Henry Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

712— Bells (Cow & Sheep)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Blum Mfg. Co., Collinsville, Ill.
East Hampton Bell Co., East Hampton, Conn.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Starr Bros. Bell Co., East Hampton, Conn.

713— Bells (Door & House)

See also Bells, Electric
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bradley & Farnham ("Anchor," "Simplex"), Middlefield, Conn.
Builders Supply Corp. (Door Rotary), 341 E Wash., Indianapolis, Ind.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reiter G. C., Canton, O.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Starr Bros. Bell Co. (Gong, Alarm, Rotary Door, Call, etc), East Hampton, Conn.

714— Bells (Electric)

Ansonia Electrical Co. ("Eureka," "Wizard"), Ansonia, Conn.
Bunnell J. H. & Co. ("Beeko"), 32 Park pl, New York
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Chicago Ry Signal & Supply Co., 122 S Michigan av, Chicago, Ill.
Conn. Tele. & Elec. Co., Meriden, Conn.
Cory Chas. & Son (Call), 290 Hudson, New York
Edwards & Co. ("Lungen," "Vigilant," "Recti," "Economy"), Exterior av & 140th, New York
Electric Goods Mfg. Co. ("Victor," "Dandy," "Tyrolean"), Canton, Mass.
Elec'l Sales Co., 176 Federal, Boston, Mass.
Empire Transformer Co., 4642 Ravenwood av., Chicago, Ill.
Gamewell Fire Alarm Tele. Co., Newton Upper Falls, Mass.
Holtzer-Cabot Electric Co. ("Hub-Dome"), 125 Amory, Boston, Mass.
Kell Francis & Son ("Reliance," "Ampro"), 401 E 163d, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Manhattan Electrical Supply Co. ("Nonpareil," "Crescent," "Crescendo," "Monitor," "Premier," 17 Park pl, New York. *See adv index at end of book*
Menominee Elec. Mfg. Co., Menominee, Mich.
Ostrander W. R. & Co., 371 B'way, New York
P R Mfg. Co. ("Rex," "Mario," "X X X," "Eclipse," "Ekla," "Straightline," "P R Weatherproof"), Detroit, Mich.
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Pearce Fred'k Co. (For Railway Signaling), 18 Rose, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Reading Hardware Co. (Ring & Rotary Door), Reading, Pa.
Russell Electric Co. ("Electric Whistle," "Freco"), Danbury, Conn.
Samson Elec. Co., 146 Summer, Canton, Mass.
Schwarze Electric Co., Adrian, Mich.
Service Electric Co. ("Smith"), 122 S. Michigan av, Chicago, Ill.
Spies Elec. Works ("Seico"), 564 W. Van Buren, Chicago, Ill.
Standard Electric Time Co., Springfield, Mass.
Stanley & Patterson ("Faraday," "Skelton" & Enclosed Type), 23 Murray, New York
Starr Bros. Bell Co. (Mechanical), East Hampton, Conn.
Tele-Call Co., 1209 Marquette rd, Cleveland, O.
Western Electric Co. ("Hawthorne," Relay), 463 West, New York
Wilhelm H., 70 Frost, Brooklyn, N. Y.

715— Bells (Engine)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Cory Chas. & Son, 290 Hudson, New York
Meneely & Co., Watervliet, N. Y.
Reiter G. C., Canton, O.
Starr Bros. Bell Co. (Locomotive Gongs, etc), East Hampton, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

716— Bells (Fog)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymer Iron Works Co., Cincinnati, O.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Laughlin Thos. Co., Portland, Me.
Starr Bros. Bell Co. (Binnacle & Signal), East Hampton, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

717—Bells (Hand, Dinner, Etc.)

East Hampton Bell Co. (Call, Tea, etc), East Hampton, Conn.
Starr Bros. Bell Co. (Auctioneers, School, Tea, etc), East Hampton, Conn.

Bells (Highway Crossing)

See Signals, Railway Crossing

Bells (House)

See Bells, Door & House

717a— *Bells (Iron Box)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

Bells (Light House)

See Bells, Fog

Bells (Locomotive)

See Bells, Engine

717b— *Bells (Navy Standard)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

717c—*Bells (Pivoted Armature)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

Bells (School, Fire & Factory)

See Bells, Church, Farm, Fire & School

717d— *Bells (Ship)

Laughlin Thos. Co., Portland, Me.
See adv index at end of book

718— Bells (Sleigh)

American Ring Co., Waterbury, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Brabson Bros., 47 Hamilton, Newark, N. J.
East Hampton Bell Co., East Hampton, Conn.
Starr Bros. Bell Co. (Also Body Straps, etc), East Hampton, Conn.

719— Bells (Telephone)

American Electric Co., 6401 S State, Chicago, Ill.
Automatic Appliance Co. (Magneto), 172 Columbus av, Boston, Mass.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Chicago Telephone Supply Co., Elkhart, Ind.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Ladd W. C., Bristol, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Electric Mfg. Co., Menominee, Mich.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Schwarze Electric Co. ("Schwarze," Loud Ringing Magnets Extension), Adrian, Mich.
Stanley & Patterson Inc., 23 Murray, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.

720—Bells & Gongs (Car, Etc.)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
American Foundry & Mfg. Co. (Bronze), 11th & Hebert, St. Louis, Mo.
American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Brill J. G. Co. ("Dedenda," Platform Gong "Retriever," Signal Bell), 62d & Woodland av, Phila., Pa.
Consolidated Car Heating Co. (Single Stroke Bells), Albany, N. Y.
Dayton Mfg. Co. ("Dayton," Gong), Dayton, O.
East Hampton Bell Co., East Hampton, Conn.
Electric Appliance Co., 701 W Jackson blvd, Chicago, Ill.
Electric Service Supplies Co. ("Keystone," Pneumatic Gong), 17th & Cambria, Phila., Pa.
Glasgow Iron Co., Pottstown, Pa.
Gong Bell Mfg. Co., East Hampton, Conn.
Mossberg Frank Co. (& Clock), Attleboro, Mass.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Pressed Steel Tank Co., Greenfield av, Milwaukee, Wis.
Reiter G. C., Canton, O.
Ross-Meehan Foundries, Chattanooga, Tenn.
St. Louis Car Co. ("St. Louis," Bells & Gongs Made of Rolled Steel), 8000 N B'way, St. Louis, Mo.
Starr Bros. Bell Co. ("Bartons"), East Hampton, Conn.
Van Duzen E. W. Co. (Trip), 428 E 2nd, Cincinnati, O.
Wall P. Mfg. Supply Co., 105 Prebleau, Pittsburgh, Pa.
Wallace Supplies Mfg. Co. ("Standard," Steel Gongs), 412 Orleans, Chicago, Ill.

721—Bells & Gongs (Unmounted)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Mossberg Frank Co. (Steel & Pressed Brass), Attleboro, Mass.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book

722—Belt Cleaning & Rebuilding

Raniville F. Co., Grand Rapids, Mich.

723—*Belt Conveyor Trippers & Appliances

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

723a— Belt Couplings (Round)

QUADRIGA MFG. & SPECIALTY CO. (For Autos & Motor Cycles), 218 W Grand av, Chicago, Ill.
See adv index at end of book

724— Belt Dressing

Ackley & Brink Mfg. Co., 123 E Canal, Cincinnati, O.
Akron Belting Co. ("Electric"), Akron, O.
Alexander Bros., 3rd & Callowhill, Phila., Pa.
Allen, W. D., Mfg. Co. ("Pease Magic"), 566 W. Lake, Chicago, Ill.
See adv index at end of book
Alpha Belt Dressing Co., 14 Cedar, New York
American Belting Co.'s, Texas, Md.
American Oil Co. Corp. ("Amoilco"), Jackson, Mich.
American Oil Co. ("A. O. C."), 180 So Water, Providence, R. I.
American Oleite Sales Co. ("Oleite"), 1404 N Park pl, St. Louis, Mo.
American Steam Packing Co. ("American"), 165 High, Boston, Mass.
Animal Oil Co. ("Animaloil"), Ontario nr Delaware River, Phila., Pa.
Atlantic Mfg. Co. ("Atlantic" Leather), Wilmington, Del.
Bachmann J. & Co. ("Imperial"), 16 Reade, New York
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Barnum Bros. Co. ("Trojan," "Solar"), Troy, N. Y.
Bayerson Oil Works ("20th Century"), Erie, Pa.
Belden A. G. & Co. ("Pycnolum"), 29 Burling slip, New York
Beltine Chemical & Mfg. Co., 401 N Sangamon, Chicago, Ill.
Billings-Brown Co., Cleveland, O.
Black Diamond Mfg. Co. ("Black Diamond"), 1219 Bank, Cincinnati, O.
Buffalo Belt Dressing Co., Buffalo, N. Y.
Buffalo Specialty Co. ("Electric"), 375 Ellicott, Buffalo, N. Y.
Burr Oak Belting Co. ("Flexible"), 521 Livingston, Cincinnati, O.
Callahan Geo. & Co. ("Anti-Slip"), 218 Front, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Cantol Wax Co. (Solid & Liquid), Dept H, Bloomington, Ind.
Carton Belting Co. ("Carton"), 52 Everett, Allston, Mass.
Cataract Refining & Mfg. Co. ("Cascade Stick"), Buffalo, N. Y.
Chemical & Engineering Co. ("Red Dragon" Neutral), Watertown, N. Y.
Chesapeake Belting Co. ("Star"), 823 McKim, Baltimore, Md.
Chesterton A. W. Co. ("Excelsior," "India," "Castorol"), 64 India, Boston, Mass.
Chicago Belting Co., 125 N Green, Chicago, Ill.
Cleveland Oak Belting Co. ("Durable"), 1239 W. 9th.
Climax Refining Co., Williamson bldg, Cleveland, O.
Cling-Surface Co. ("Cling-Surface," "Erusa" Liquid), Buffalo, N. Y.
Codd Tank & Specialty Co. ("Hug-tight"), 117 S Hanover, Baltimore, Md.
Cold Water Refining Co., Raymelton, Pa.
Commercial Chemical Co. ("X L N C"), 212 Essex, Boston, Mass.
Corliss Mfg. & Supply Co. ("C. C. C."), 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Crandall Packing Co., Palmyra, N. Y.
Crescent Belt Fastener Co. ("Handy Bar"), 381 4th av, New York
Damascus Mfg. Co. ("King Brand"), Cassius av, Cleveland, O.
Desmond-Stephan Mfg. Co. ("Stephan"), Urbana, O.
Dixon Joseph Crucible Co. ("Dixon's" Solid, Traction & Paste), Jersey City, N. J.
Doermann-Roehrer Co. ("Do Ro"), 318 E 3rd, Cincinnati, O.
Druid Oak Belting Co. ("Primo," "Beltnoslip"), 111 E Lombard, Baltimore, Md.
Duntley Cō. ("Loldco" preservative), 295 5th av, New York
Duntley Co. (The), 1416 S Michigan av, Chicago, Ill.
Duryea Mfg. Co. ("W W", "Wooster"), Bayonne, N. J.
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Eagle Oil & Supply Co. ("Eagleine Holdfast," "Victor"), 104 Broad, Boston, Mass.
Ellert C. H., Evansville, Ind.
Etsweiler Wm. (Electric), 230 N 3d, Phila., Pa.
Fansher Bros. ("Perfection"), Dayton, O.
Gallaway G. W. ("Beltine"), 322 Pearl, New York
Gandy Belting Co. ("Gandy"), 740 W Pratt, Baltimore, Md.
Gingras Edward F., 202 Main, Buffalo, N. Y.
Gold Walter C. ("The Page"), 235 Race, Phila., Pa.
Goodyear Rubber Hose & Packing Co. ("Vulcan"), 241 Chestnut, Phila., Pa.
Graton & Knight Mfg. Co. ("Royal," "Worcester," "Star," "Monarch"), Worcester, Mass.
Gray Specialty Co. ("Gray's Velvet"), 148 Avon av, Newark, N. J.
G. R. Belting Co., Grand Rapids, Mich.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Grip-Tite Co. ("Grip-Tite"), New Brunswick, N. J.
Hall-Thompson Co. ("Wonder Worker"), Hartford, Conn.
Hercules Belt Lace Mfrs. Co. ("Hercules Tin"), Hercules "Stick," 6725-6731 Clyde av., Chicago, Ill.
Hinds & Coon ("Hug-It"), 126 Pearl, Boston, Mass.
Houghton E. F. & Co. (Adhesive), 240 W Somerset, Phila., Pa.
Hudson Belting Co. (Hudson Bar "Number One"), 3 Eaton pl, Worcester, Mass.
Invincible Mfg. Co., Central Natl. Bk. bldg, Columbus, O.
Ironsides Co. ("Ironsides" Belt Shield), Columbus, O.
Jewell Belting Co., Hartford, Conn.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S La Salle, Chicago, Ill.
Kendall Refining Co., Bradford, Pa.
Laurence Belting Co., 111 Chambers, New York
Lightning Mfg. Co., Orchard & Torsdale, Phila., Pa.
Lynch Alonzo K. ("Champion"), 310 Flushing av, Brooklyn, N. Y.
McLellan Mfg. Co., 265 W 33rd, New York
Main Belting Co. ("Leviathan"), 1219 Carpenter, Philadelphia, Pa.
Manufacturers' Belt Hook Co. ("L-X.", "Cracker Jack"), 1321 W Congress, Chicago, Ill.
Manufacturers' Oil & Grease Co. ("Royal"), Century bldg, Cleveland, O.
Modoc Co., Fernwood, Philadelphia, Pa.
Montgomery Bros. ("Paragon"), 45 S 2d, Philadelphia, Pa.
Mt. Vernon Belting Co. ("Ease-On"), 333 warren av, Baltimore, Md.
National Leather Mfg. Co. ("National" Oil & Non-Slip), Niles, Mich.
New York Leather Belting Co. ("Phoenix" Bar), 465 Kent av, Brooklyn, N. Y.
Nott W. S. Co. ("Old Hickory"), 2nd av N & 3rd, Minneapolis, Minn.
Oleum Products Co., Scranton, Pa.
Page Belting Co. ("Crown," for Leather Belts), Concord, N. H.
Palmer N. & Co. ("Charter Oak"), Bridgeport, Conn.
Panama Oil & Grease Co. ("Panama," "Wheatley"), 159 W 51st, New York
Pechin Belting Co. ("Jim Dandy"), Fairmount & Front, Philadelphia, Pa.
Penna. Lubricating Co. ("Penn."), 34th & A. V. R. R., Pittsburgh, Pa.
Peuchen Stanley C., N Tonawanda, N. Y.
Phoenix Oil Co. ("Green Seal" for Rubber & Cotton), 2554 W 5th, Cleveland, O.
Philadelphia Belting Co, 6th & Spring Garden, Phila., Pa.
Pike E. N. & Son ("Flexole"), 93 Broad, Boston, Mass.
Pittsburgh Gage & Supply Co. ("Fort Duquesne"), 30th & Liberty av, Pittsburgh, Pa.
Plomo Specialty Mfg. Co. ("Whitmore's" "Plomo"), Belmont bldg, Cleveland, O.
Raniville F. Co. (" Raniville's Belt Wax." Also Belt Cleaner & Stuffer), Grand Rapids, Mich.
Reed & Duecker ("R. & D."), Memphis, Tenn.
Rhoads J. E. & Sons, 12 N 3d, Philadelphia, Pa.
Riebe Green Soap Co., Seattle, Wash.
Rosenberg Oil Co., 2066 Milwaukee av, Chicago, Ill.
Rossendale-Reddaway Belting & Hose Co. ("Camel"), Newark, N. J.
Ruboil Belting Co., 41 N. 10th, Phila., Pa.
Russia Cement Co. ("Signet"), Gloucester, Mass.
Salisbury W. H. & Co. ("Apex") 308 N Madison, Chicago, Ill.
Sawyer Belting Co. (For Canvas Belts), ft. Lisbon rd, S E, Cleveland, O.
Schieren Chas. A. Co. ("Beltfiller," "Flyfoot"), 30 Ferry, New York
Sero Specialty Co., 2360 E. 84th, Cleveland, O.
Shultz Belting Co. ("Shultz"), Fourth & Barton, St. Louis, Mo.
Slipno Co., 38 Clifton, Newark, N. J.
Smith-Courtney Co. ("Powhattan"), Richmond, Va.
Snyder M. L. & Son (Swiftsure), 223 Church, Philadelphia, Pa.
Sonneborn L. Sons ("Amalie" Grip Non-Slip Stick & Syrup for All Kinds of Belts), 282 Pearl, New York
Southwick Geo. W. Co. ("Polar"), Stamford, Conn.

Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York
Staplin & Smith ("S. & S."), 359 W Austin, Chicago, Ill.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Steers Supply Co., 18 Vesey, New York
Steers Supply Co., 99 John, New York
STEPHENSON MFG. CO. ("Stephenson"), Albany, N. Y.
Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.
Stock G. B. Xylite Grease & Oil Co., Port Huron, Mich.
Street J. D. & Co. ("Street Fraction"), 41st & Park, St. Louis, Mo.
Sullivan Oil Co. ("Sullivan's Economic"), 413 Wells, Chicago, Ill.
Swan & Finch, 165 Broadway, New York
Talismanic Co., N. Tonawanda, N. Y.
Theanoil Mfg. Co., 2744 N 24th, Phila., Pa.
Texas Company ("Texaco"), 17 Battery pl, New York
See adv index at end of book
Turner Chas. A., 3rd av & Chancery, Pittsburgh, Pa.
Van Derhvort Hdwe Co., Lansing, Mich.
Viscol Co. ("Viscol," "Clarol," "Lorol," "Tenol," "Traher"), Cambridge, Mass.
Walton F. S. Co. ("Ox-Oil-Ox"), Orthodox & Delaware, Phila., Pa.
Waterproof Paint Co., Watertown, Mass.
Watt's Jno. M. Sons ("Nonpareil"), 54 N 2, Phila., Pa.
White & Bagley Co. ("Neverslip"), Worcester, Mass.
Whitlock Mfg. Co., 1506 W 112th, Cleveland, O.
Widdicomb-Reed Co., Vestaburg, Mich.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Winn Wm. R. ("Winn"), 488 Cherry, New York
World Refining Co., Easton, Pa.
Zurn O. F. Co. ("Royal," "Peerless"), Broad & Lehigh, Phila., Pa.

725— Belt Fasteners

Alexander Bros., 3rd & Callowhill, Phila., Pa.
Angell Belt Hook Co. ("Sawilco" & "Self-Clinching"), 16 Warren av, Providence, R. I.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Black Diamond Mfg. Co. ("Black Diamond" Hinge), 1219 Bank, Cincinnati, O.
BRISTOL CO. ("Bristol's" Steel Belt Lacing, Belt Plates), Waterbury, Conn.
See adv index at end of book
Buffalo Specialty Co. ("Buffalo"), 375 Ellicott, Buffalo, N. Y.
Clipper Belt Lacer Co. ("Clipper" Hooks), 974-1042 Front av, Grand Rapids, Mich.
See adv index at end of book
Columbia Novelty Co. ("Stag," "Bulldog," "Flexible," "Dixie," Oval Point & Sewing Machine), St. Louis, Mo.
Crescent Belt Fastener Co. ("Crescent"), 381 4th av, New York
Dick R. & J. (Ltd.), ("Walker," "Jackson" Imported), Passaic, N. J.
Flexible Steel Lacing Co. ("Turtle"), 522 S Clinton, Chicago, Ill.
Forsyth Metal Goods Co., E Aurora, N. Y.
Greene, Tweed & Co. ("Jones," "Jackson's" Improved Pointed, "Blake's" Studs), 109 Duane, New York
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hart Mfg. Co., St. Louis, Mo.
Hercules Belt Lace Mfrs. Co., 6725-6731 Clyde av., Chicago, Ill.
Hudson Belt Fastener Co. ("Ideal" Fastener, "Climax" Hooks), 149 Church, New York
Jencks E. Mfg. Co. ("Hicks" Pointed, etc), Worcester, Mass.
Jewell Belting Co. ("Potter," "Jones"), Hartford, Conn.
Jones H. H. (Hook), Lancaster, N. H.
Kenehan Steel Belt Fastener Co., 1252 W 3d, N W, Cleveland, O.
Kerr & Co. ("A B C" Metallic), 114 Liberty, New York
Manufacturers' Belt Hook Co. ("M. Covel," "Giant," "L-XX" Steel, "Eagle," "Rival," "20 Century" Sewing Machine & Oval Pointed Hooks), 1321 W Congress, Chicago, Ill.
National Ring Traveler Co., (Hook), 257 W Exchange, Providence, R. I.
Parker Wire Goods Co. (Pointed Belt & Sewing Machine Hooks), Worcester, Mass.
Pickering Ridgway S. (Or Belt Hooks), Sharon Hill, Pa.
Pratt Wm. E. Mfg. Co. ("The Chicago" Wire), 35 W Lake, Chicago, Ill.
Raniville F. Co., Grand Rapids, Mich.
Ruboil Belting Co., 41 N. 10th, Phila., Pa.
Sawyer Belt Hook Co. ("Button & Plate," "Savoilco," "Clinch," "Sawyer"), Pawtucket, R. I.
See adv index at end of book
Smith F. P. & Co. ("Smithicks," Pointed & Wire Sewing Machine Belt Hooks, etc), Sharon Hill, Pa.
Snap Detachable Belt Fastner Co., ("Snap" Detachable), 128 Murray, Newark, N. J.
Southwick Geo. W. Co., Stamford, Conn.
Stanley Belting Corpn (All Mawes), 34 S Clinton, Chicago, Ill.
Strong Machy. & Supply Co. ("Chase" Couplers), 292-294 Church, New York
See adv index at end of book
Talcott W. O. & M. W. ("Wilson" & Combination Clinching & "Acme"), 91 Sabin, Providence, R. I.
Titchener-Diehl Co., 1844-48 W. Austin av., Chicago, Ill. *See adv index at end of book*
Upson Nut Co., Cleveland, O.
Voorhees Rubber Mfg. Co. (Plate Belt Fasteners or Hooks), 18 Bostwick av, Jersey City, N. J.
Waters-Garland Co. ("Glover's" Belt Hooks"), 419 W Main, Louisville, Ky.
Webb Hinge Belt Hook Co. (Hinge Joint), Boonton, N. J.
Western Rawhide & Belting Co. ("Superior" Belt Hook for Round or Flat Belts), 600 S Pierce, Milwaukee, Wis.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

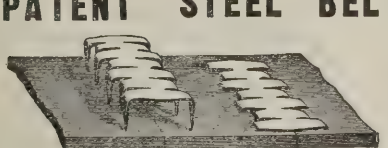
726— Belt Filling

Chemical & Engineering Co. ("Red Dragon," Never Slip Belt Food for Filling & Waterproofing Leather & Canvas Belts), Watertown, N. Y.
Garnet Co. The (& Preserver), Allentown, Pa.

727— Belt Lacing

Akron Belting Co. (Wire & Rawhide), Akron, O.
Alexander Bros., 3rd & Callowhill, Phila., Pa.
Allen, W. D., Mfg. Co. (Alenco"), 566 W. Lake, Chicago, Ill.
See adv index at end of book
American Belting Co.'s, Texas, Md.
American Belting & Tanning Co. (Leather), 135 Oliver, Boston, Mass.
American Lace Leather Co., Richmond, Va.
Barnes Henry K. Co. ("Crown" Rawhide & "Blueskin" Mineral Tanned), 234 Devonshire, Boston, Mass.
Bay State Belting Co. (Rawhide & Indian Tanned Leather), 349 Congress, Boston, Mass.
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Birdsboro Steel Foundry & Machine Co. (Coiled Steel Wire & Rawhide Pins), Birdsboro, Pa.
Bonner & Barnewall, 30 Church, New York
BRISTOL CO. ("Bristol's" Patent Steel), Waterbury, Conn.
See adv index at end of book
California Tanning Co. ("Krom" Russian Tanned, "Peerless," "Star Brand" Rawhide), 1905 Shenandoah av, St. Louis, Mo.
California Tanning Co. ("Neverbreak," "Peerless," Blue Velvet, Buckskin), 1905 Shenandoah av., St. Louis, Mo.
Capen Belting & Rubber Co., St. Louis, Mo.
Central Belting Co., 41 W 21st, New York
Chicago Rawhide Mfg. Co. (Rawhide), **1301 Elston av, Chicago, Ill.**
Clipper Belt Lacer Co. ("Clipper" System of Wire Hooks), 974-1042 Front av, Grand Rapids, Mich.
See adv index at end of book
Columbia Novelty Co. ("Star" Steel, Golden Rule Wire, Belt Lacing, "Bull Dog," "Flexible," "Dixie Oval Painted & Sewing Machine"), 1431 N 8th, St. Louis, Mo.
Consolidated Belting Co., 3108H Germantown av., Phila., Pa.
Coupe Wm. Co. (Ltd.) ("Excelsior" Raw Hide & Oak Tanned), South Attleboro, Mass.
Couse & Bolten, 44 Lafayette, Newark, N. J.
Detroit Belt Lacer Co. ("Detroit"), 27-A., Detroit, Mich.
Etsweiler William, 230 N 3d, Phila., Pa.
Flexible Steel Lacing Co. ("Alligator" Flexible Steel), 522 S Clinton, Chicago, Ill.
Graton & Knight Mfg. Co. ("Royal Worcester Crescent & Indian Tanned Lace Leather) Monarch"), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hayden Supply Co. ("Globe" Wire), Grand Rapids, Mich.
Hercules Belt Lace Mfrs. Co. ("Hercules," Compt. Wire & Cut), 6725-6731 Clyde av., Chicago, Ill.
Holyoke Belting Co. ("Massasoit," "Pequot"), Holyoke, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Hudson Belt Fastener Co. ("Perfection" & "O. K." Wire), 149 Church, New York
Hudson Belting Co. (Rawhide & Indian Tanned Lace), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. (Leather), 221 High, Boston, Mass.
Jewell Belting Co. (Metallic Tipped), Hartford, Conn.
Kayser Tanning Co. ("Anchor" Raw Hide & Surface Tanned), 3914 N Broadway, St. Louis, Mo.
Kempe H. F. & Co., 565 Washington blvd, Chicago, Ill.
Kerr & Co. (Wire), 114 Liberty, New York
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Malin & Co. (Composition Wire), 2514 Vestry av, Cleveland, O.
Manufacturers Belt Hook Co. ("L-X," Composition, "20 Century" Steel, "Eureka" Steel & Flexible, "Rainbow" Wire Belt Lace, "New Eureka," "Climax"), 1321 W Congress, Chicago, Ill.
Missouri Belting Co. ("Victor" Rawhide), Grand & La Salle, St. Louis, Mo.
National Leather Belting Co. (Rawhide), 342 E 38th, New York
National Leather Mfg. Co. ("Wolverine," "Monogram" Tanned), Niles, Mich.
New York Belting & Packing Co., 91 Chambers, New York
New York Leather Belting Co. ("Victor," Rawhide, "Lion Brand"), 465 Kent av, Brooklyn, N. Y.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Norwich Belt Mfg. Co. ("Defiance" Rawhide, "Samson," Indian Tanned, "Kromhyde," Chrome Tanned), Norwich, Conn.
Page Belting Co. ("Hercules"), Concord, N. H.
Palmer N. & Co. (Muleskin & Rawhide), Bridgeport, Conn.
Pechin Belting Co. ("Jim Dandy"), Fairmount & Front, Phila., Pa.
Philadelphia Belting Co., 6th & Spring Garden, Phila., Pa.
Rahmann Geo. & Co., 31 Spruce, New York
Raniville F. Co., Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del.
Salisbury W. H. & Co. ("Apex" Wire Lacing, "Blue Skin" Leather Lacing), 308 N Madison av, Chicago, Ill.

TRADE MARK
BRISTOL'S
REG. U. S. PAT. OFFICE.
PATENT STEEL BELT FASTENERS

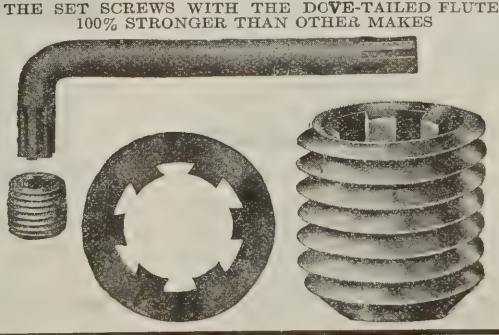


The perfect fastener for all kinds of belts. Quickly and easily applied. No special tools required.

PATENT STEEL BELT LACING, OVAL POINTED BELT HOOKS, WIRE BELT LACING, PATENTED STEEL BELT PLATES, BI-FURCATED STEEL BELT RIVETS. **Carried in stock by mill supply dealers**

THE BRISTOL COMPANY
WATERBURY, CONN., U. S. A.

TRADE MARK
BRISTO
PATENTED SAFETY SET SCREWS
THE SET SCREWS WITH THE DOVE-TAILED FLUTES
100% STRONGER THAN OTHER MAKES



BELT LACING—continued

Schieren Chas. A. Co. ("Giant," "Gowanus," "Duxbak"), 30 Ferry, New York
Shultz Belting Co. (Rawhide Lace Leather), Fourth & Barton, St. Louis, Mo.
Sikes S. R. Co., 1030 S 3rd, Minneapolis, Minn.
Simmons Mfg. Co. (Coiled Wire), 77th & **Lyons av, Phila., Pa.**
Southern Belting Co., Atlanta, Ga.
Southwick Geo. W. Co., "Fibre Hyde" Romid (Wire), Stamford, Conn.
Sumner Wm. Belting Co. (Leather), Tolland, Conn.
Upson Nut Co. (Metallic), Cleveland, O.
Van Riper Mfg. Co., Paterson, N. J.
Walker Chas. W. Sons & Co. (Lace Leather), 288 Market, Newark, N. J.
Weatherhead, Thompson & Co. (Rawhide), Pawtucket, R. I.
Western Rawhide & Belting Co. (Rawhide), 600 So Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Cocheco" Rawhide & "Oriole" Tanned), Dover, N. H.

728—Belt Lacing Machines

Birdsboro Steel Foundry & Machine Co. ("Jackson" Coil Wire), Birdsboro, Pa.
Clipper Belt Lacer Co. ("Clipper," "Baby"), 974-1042 Front av, N W. Grand Rapids, Mich.
Detroit Belt Lacer Co. ("Detroit"), 27-A, Detroit, Mich.
Manufacturers Belt Hook Co. ("Climax" Flexible Steel," 20th Century"), 1321 W. Congress, Chicago, Ill.
Peerless Belt Lacing Machine Co., Swanson & Moore, Phila., Pa.

729—*Belt (Linemen's Tool)

Buhrke, R. H., Co., 1250H Fullerton av., Chicago, Ill.
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 W. B'way, New York, 130 W. Colt, Irvington, N. J.
See adv index at end of book

Belt Preservatives

See Belt Dressing

730— Belt Shifters

Atisan Mfg. Co. ("Safshift"), Lockland, O.
Brown A. & F. Co., 79 Barcley, New York.
Builders Iron Foundry ("Universal Pull"), 9 Codding, Providence, R. I.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Hagan L. T. ("Economy"), Winchester, Ky.
Hill Clutch Co., W 65th, Cleveland, O.
Le Blond R. K. Machine Tool Co. ("Le Blond" Mechanical), Cincinnati, O.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Mossberg Wrench Co. ("Sim-Pull," "Sim-Plex"), 25 Charles, Providence, R. I.
Surty Guard Co., Inc., (For Cone Pulleys), 4139 W. Kinzie, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Ua.

Belt Stretching Machines

See Machinery

Belt Studs

See Belt Fasteners

731— Belt Tighteners

See also Belt Tighteners, Automatic

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Tool & Machine Co., 10 High, Boston, Mass.
Brown A. & F. Co., 79 Barclay, New York
Burlingame A. Co., Worcester, Mass.
Caldwell W. E. Co., Louisville, Ky.
Cresson Morris Co., Allegheny & 18th, Phila., Pa.
Diamond Iron Works, 2d & 18th av, Minneapolis, Minn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Goddell-Pratt Co., Greenfield, Mass.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., W 65th, Cleveland, O.
Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.
Hunt Rodney Machine Co., Orange, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kendall R. C. & Co., 749 First Natl. Bk. bldg, Chicago, Ill.
Lane Mfg. Co. (Swing & Slide), Montpelier, Vt
Lane & Bodley Co., Tennessee av & Paddock rd, Cincinnati, O.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
Marseilles Works of Deere & Co., East Moline, Ill.
Medart Patent Pulley Co. (Various Kinds), 3500 De Kalb, St. Louis, Mo.
Memphis Machine Works, Memphis, Tenn.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Southwick Geo., 9 Maiden lane, New York
U. S. Machine Co., Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mf. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

731a—Belt Tighteners (Automatic) matic)

Hill Clutch Co., W 65th, Cleveland, O.

732— Belt Webbing

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Hope Webbing Co., 1005 Main, Providence, R. I.

733—Belting Butts (Leather)

Central Leather Co., 17 Battery pl, New York
Deford Co. (Oak Bark Tanned), 42 S Calvert, Baltimore, Md.
England Walton & Co. (Oak Scoured), 3d & Vine, Phila., Pa.
Kistler, Lesh & Co. ("Dependable" Oak & Union Tanned Rough), 332 Sumner, Boston, Mass.
Leas & McVitty (Scoured Texas Oil), **303 Vine, Phila., Pa.**
McAdoo & Allen, 329 N 3d, Phila., Pa.
Rees' Hans Sons (Oak), 39 Frankfort, New York
Smoot C. C. & Sons (Rough), Alexandria, Va.
Toxaway Tanning Co. (Rough), 26 Ferry, New York
United States Leather Co. (Oak Tanned), 17 Battery pl, New York
Wilson Co., Greenville, N. C.

733a— *Belting (Hair)

FENWICK-REDDAWAY MFG. CO. (Camel's "Iwana"), 46 Paris, Newark, N. J.
Rossendale-Reddaway Belting & Hose Co., 32H Euclid av., Newark, N. J.

734— Belting Mfrs.

See also Classifications Following

NOTE—The Various Kinds of Belting Manufactured by the Firms listed under this heading are indicated in the parentheses following their names.

For Dealers in Belting, see Mill & Factory Supplies

CALIFORNIA.

LOS ANGELES—Dominion Asbestos & Rubber Corp., 320 Mission
See adv index at end of book
SAN FRANCISCO—Cook H. N. Belting Co., 401-433 Howard
Degen L. P. Belting Co. (Leather), 258 Mission
Dominion Asbestos & Rubber Corp., 320 Market.
See adv index at end of book
Goodyear Rubber Co. (Rubber), ("Apex," "Hippo," "Gold Seal," "Badger," 539 Mission
See adv index at end of book

GOODYEAR RUBBER CO.
BELTING - HOSE - PACKING
539 MISSION ST.
SAN FRANCISCO, CAL.

Graton & Knight Mfg. Co., 247 Mission.
Heins Alex. Belting Co. (Leather & Rawhide), 2413 Harrison
Kelly-Linehan Belting Co., 33 Minna
California Branch of Chicago Belting Co.
Pacific Mill & Mine Supply Co., 616 Mission
Page Belting Co. (Rubber, Cotton & Leather), 587 Market
Pioneer Rubber Mills ("Copper Queen," "Sunset," "Golden Gate" Rubber), 68 Sacramento
Worden W. H. Co. (Cal. Branch of Chicago Belting Co.)

CONNECTICUT.

BRIDGEPORT—Palmer N. & Co. ("Charter Oak," "Water Witch," "Climax" & "Apex")
HARTFORD—Jewell Belting Co. (Leather)
MIDDLETOWN—Russell Mfg. Co. (Solid Cotton)
NEW HAVEN—Coe & Brown (Leather)
NORWICH—Norwich Belt Mfg. Co. (Oak Tanned)
Ulmer Leather Co. ("Sachem" Oak Leather)
STAMFORD—Southwick Geo. W. Co. (Reinforced Double)
TOLLAND—Sumner Wm. Belting Co. ("Underwood," Patent Cotton Leather Belting, Watch Twist, Angular or V, Round Solid, Plain Cotton & Round Twist)

DELAWARE.

WILMINGTON—Atlantic Mfg. Co.
McComb Thos. (Leather), 209 Shipley
Rhoads J. E. & Sons (Leather), 11th & B. & O. R. R. (See Phila., Pa.)

GEORGIA.

ATLANTA—Cotton States Belting & Supply Co.
International Leather & Belting Corp. (Leather)
Southern Belting Co. (Leather)

ILLINOIS.

CHICAGO—Allen, W. D., Mfg. Co. (Leather, "Ajax," "Alenco," "Arrow," "Arm & Hammer," "Otter," "Mikado," "Yale," "Defiance," "Threetar," "U. S. Western Chief"), 566 W. Lake
See adv index at end of book
Chicago Belting Co. ("Reliance" & "Sea Lion," "White Strip," "Sterling," "Imperial," "Beltex" Waterproof Leather), 125 N Green
Chicago Pulley & Shafting Co. (Leather), 40H S. Clinton
Chicago Rawhide Mfg. Co. ("Krome" & Rawhide Leather), 1301 Elston av
Clinton Supply Co., 117 S Clinton
Eagle Belting Co., 558 W Randolph
Fensholt & Fechner, 16 S Clinton
Gump B. F. Co., 431 S Clinton
Hercules Belt Lace Mfg. Co. ("Hercules"), 6725-6731 Clyde av
Lynch Edw. & Co. (Leather), 31 S Clinton
McCanley Belting Co. ("Shield" & "Marine" Leather), 412 Orleans
Moloney Belting Co. ("M" Leather), 130 N Franklin
Paris Belt & Novelty Co. (Leather), 231 N Wells
Rockford Belting Co., Rockford, Ill.
Salisbury W. H. & Co. (Leather), 308 N Madison av
Schieren, Chas. A., Co., 116H W. Illinois
Union Asbestos & Rubber Co. (Rubber), 231 S. Wells
Woodcock Bros. (Leather), 562 W Randolph
Young Inner Duck Leather Belting Co., 416 W Grand av

INDIANA.

EVANSVILLE—Evansville Leather & Belting Co. (Leather)
FORT WAYNE—Wayne Belting & Supply Co.
National Mill Supply Co.
HAMMOND—McIlroy Belting & Hose Co. ("Rubber-Ite" Canvas)
INDIANAPOLIS—Duckwall Belting & Hose Co. ("Duro" Leather), 201 N West
Hide, Leather & Belt Mfg. Co. ("Volt" Machine Oak Tanned, "Wetproofs," Waterproof, Chrome, Dynamo Leather), 227 S. Meridian

KENTUCKY.

LOUISVILLE—Cowan Andrew & Co. ("Tiger" Leather)
Louisville Belting Co. (Leather)

LOUISIANA.

NEW ORLEANS—Southern Belting Co. of New Orleans, La. (Leather), 602 S Peters
SHREVEPORT—Gulf States Belting & Hose Co. (Leather)

MAINE.

LEWISTON—Dickey Belting Co. (Leather)

MARYLAND.

BALTIMORE — Baltimore Belting Co. ("Balto-belt" Oak Bark Tanned and "Navy Special"), 115 W Lombard
Chesapeake Belting Co. (Stitched Canvas), 823 McKim
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas & Asbestos), 418 E. Pratt
See adv index at end of book
Druid Oak Belting Co. ("Druid Primo" Pure Chestnut; Oak Tanned, Acid, Water & Steam Proof), 111 E Lombard
Gandy Belting Co. (Stitched Cotton Duck), 740 W Pratt
Maryland Belting & Packing Co. (Leather)

Mount Vernon Belting Co. ("Mt. Vernon" & "Obstitch" Stitched Canvas), 332 Warren av
TEXAS—American Belting Co.'s ("Alpha" Heavy Canvas)

MASSACHUSETTS.

BOSTON—American Belting & Tanning Co. ("Aquamarine" Water Proof Mineral Tanned Leather, Oak Tanned Leather), 135 Oliver
Barnes Henry K. Co. (Oak & Mineral Tanned Leather, Steam & Water Proof), 234 Devonshire
Bay State Belting Co. (Oak & Indian Tanned Leather), 349 Congress
Boston Belting Corp. ("Imperial" Stitched, "Excelsior Red Friction," "Elmwood," "Special Excelsior," "Boston," "Niagara," "Trimount," "Universal," "Gutta Balata," "Flexite Balata," Conveyor, Elevator), 84 Linden Park
Carton Belting Co. (Stitched Canvas), Alls.
Fabreeka Belting Co. ("Fabreeka," Special Process Fabric), 30 India
See adv index at end of book



Globe Leather Belting Co. (Leather), 519 Atlantic av
Hamblet & Hayes Co. ("H & H" Hair), 284 Devonshire
Hunt Henry C. Co. (Leather), 135 Oliver
Ireson Chas. L. ("Anhydrous" Chrome & Tanned Leather), 221 High
Revere Rubber Co. (Giant, Seamless & Stitched Rubber), 60 High
Shackley W. T. & Son Co. ("Velvet" Oak Tanned Leather), 42 High
CAMBRIDGE—Boston Woven Hose & Rubber Co. ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck; also "Bull Dog," "Dandy," "Helmet," "Plymouth," "Bay State," "Service," "Raw," "Tiger," "Bison," "Vigo," "Utah," "Congress," & "Senate" Belting)
CHELSEA—Revere Rubber Co. (Giant Seamless & Stitched Rubber)
FALL RIVER—Hervey F. L. & Co. (Oak Tanned Leather)
Union Belt Co. (Oak Tanned)
HOLYOKE—Holyoke Belting Co. (Short Lap Oak Leather & Submarine & Waterproof Leather)
HUDSON—Foulds I. & Son (Chrome Waterproof Leather)
LAWRENCE—McLanathan F. W. & Son (Leather)
LOWELL—Turner J. S. Mfg. Co. ("Royal Oak" Oak Tanned Leather)
Wilby Wm. Estate, 68 Washington
Whiting Henry F. (Oak Tanned Leather)
NORTH CHELMSFORD—North Chelmsford Machine & Supply Co. (Oak Tanned Leather)
SOUTH ATTLEBORO—Coupe Wm. Co., (Ltd.) ("Excelsior" Raw Hide)
SPRINGFIELD—Springfield Belting & Supply Co. (Leather)
Foss & Bump, Inc. (Leather), 67 Taylor
WORCESTER—Graton & Knight Mfg. Co. ("G. & K.," "Heart," "Graknight," "Pryzoak" Brand, "Geaknight Dynamo," "Monarch" Leather, etc.)
Hudson Belting Co. ("Mermaid," Waterproof, Stretched Oak, Mineral & Indian Tanned Leather), 3 Eaton pl
Warren Belting Co. ("B & F"), Dept H

MICHIGAN.

DETROIT—Central Distributing Co., 944-950 Harper av
Detroit Leather Works, 683 E. Lafayette
Detroit Oak Belting Co. (Leather Oak, Tanned Short Lap), 3362H Wight
Edwards H. D. & Co. (Leather), 16 Woodward av
Wing J. T. & Co. (Oak Tanned Leather), 19 Woodward av
GRAND RAPIDS—Raniville F. Co. (Flat Rounded, Twisted, Built Up Solid Rounded; Acid Proof Water & Oil Proof & Sewing Machine Leather Belting)
JACKSON—Central Distributing Co.
NILES—Acme Belting Co. ("Black Diamond," "Atlas" Canvas, Stitched)
National Leather Mfg. Co. ("National" Tan & Full Oak Tan, etc)

MINNESOTA.

MINNEAPOLIS—Nott W. S. Co. ("Diamond," "Notts Extra," "Special Tanned," "Paragon," "Dynamo" Oak Tanned Leather), 2nd av N & 3rd
Plant Rubber Co. (Rubber), 322 1st av N
Sikes S. R. Co. (Leather), 1030 S 3rd

MISSOURI.

KANSAS CITY—Webb Bros. Belting Co. (Oak Tanned Leather), 1304 Union av
ST. LOUIS—Bennett, Dreyer Buss. Belting Co., 3110 N 11th
Byrnes Belting Co. (Leather, Canvas & Rubber), 2109 Locust
Capen Belting & Rubber Co. ("Edge-On," Laminated Leather), Main & Chestnut
Cornelius Mill Furnishing Co. (Oak Tanned Leather), 1119 N 6th
Dominion Asbestos & Rubber Corp.
See adv index at end of book
General Mfg. Co. (Leather), 1804 Pine
Missouri Belting Co. (Oak Tanned Leather), Grand & La Salle
National Belting & Hose Co., 13th & Pine
Shultz Belting Co. ("Shultz" Rawhide & Woven Leather), Dept H, 4th & Barton
Union Belting Co., 400 N 2nd

NEW HAMPSHIRE.

CONCORD—Page Belting Co. (Leather)
DOVER—Williams I. B. & Sons ("Cocheco," Oak-Tanned Leather)

NEW JERSEY.

BAYONNE—Duryea Mfg. Co. (Woosters Cotton Waterproof)
BLOOMFIELD—Combination Rubber Mfg. Co. ("Indestructine," Bloomfield," "Franklin," "Mandarine," "Glenwood," "Essex," & "Trinity" Rubber)
Crisp Jas. & Co. (Round & Twist, etc)
HAMILTON SQUARE—Mercer Rubber Co. ("Mercer," "Hudson," "Salem," "Essex")
JERSEY CITY—Eureka Fire Hose Mfg. Co. (Cotton Machine), Wilkinson av
N. J. Car Spring & Rubber Co. ("Arcadia," "Car Spring," "Reliable," "Staple," "Gibraltar," "Velva," "Gladiator"), 91 Brunswick
Voorhees Rubber Mfg. Co. (Rubber, "Criterion," "Union," "Federal," "Bostwick," "American," "High Speed," "Corliss," "Sensation," "Clairmont," "Power"), 18 Bostwick av
NEWARK—Couse & Bolten (Oak Tanned Leather), 44 Lafayette
Fenwick-Reddaway Mfg. Corp. (Hair), 46 Paris
Meier-Andres Belting Co. (Leather), 128 Mulberry
Meier's Joseph Sons (Leather, "Steer Brand"), 256 Market
Monut & Brady (Leather), 46 Mechanic
Rossendale-Reddaway Belting & Hose Co. ("Sphinx" & Other Brands of Stitched Canvas Belting; also the "Camel Hair")
Walker Chas. W. Sons & Co. (Oak Tanned Leather), 288 Market
PASSAIC—Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt)
Manhattan Rubber Mfg. Co. ("Condor" Rubber)
PATERSON—Van Riper Mfg. Co. (Oak Leather)
TRENTON—Acme Rubber Mfg. Co. (Rubber)
Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Empire's Best," "Empire Friction," "Indestructible," "La Salle," "Merrimac," "Model," "Monitor" & "Standard," Rubber Stitched or Plain), Trenton
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. (Rubber)
Leatherbest Co. (Artificial Leather), Dept H
United & Globe Rubber Co. ("U & G" Rubber), Dept H
Whitehead Bros. Rubber Co. (Rubber)
Woven Steel Hose & Rubber Co. (Rubber)

NEW YORK.

ALBANY—Albany Belting & Supply Co.
AUBURN—Columbian Rope Co. (Rope), 3050 Genessee
BUFFALO—Bickford & Francis Belting Co. ("B, C & D" & "B & F" Leather), 34 Pearl
Buffalo Belting Works (Leather), 18 Ellicott
Buffalo Weaving & Belting Co. (Solid Cotton Machine, 2 to 10 Ply: "R F & C." Patented)
Hewitt Rubber Co. (Rubber & Stitched)
Peerless Belting Co., Indian Church rd
EAST ROCHESTER—Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton Woven)
LOCKPORT—Empire Mfg. Co. ("Empire" Solid Cotton)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Leather Belting Co., 42 S 6th
New York Leather Belting Co. ("Phoenix" Leather), 465 Kent av
North Side Leather Belting Co., Inc., 248 Lorimer
Reinhold Belting & Supply Co. (Leather), 491 Atlantic av
Stine J. R. & Co., 465-471 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—Bachmann J. & Co. (Oak Tanned Short Lap Leather), 16 Reade
Ballard Stephen Rubber Co., 90 W B'way
Bonner & Barnewall ("Perfection," Oak Tanned Leather), 30 Church
Boyle John & Co. (Solid Woven Cotton, Rubber Filled), 112 Duane
Central Belting Co. (Leather), 41 W 21st
Cuming Henry B., 207 Center
Dominion Asbestos & Rubber Corp. ("Dominion," "Sovereign," "Regent") (Leather, Rubber, Balata, Canvas, & Asbestos), 154 Nassau & 67 Murray
See adv index at end of book
Fairbanks Co. (Jobbers in Leather), 416 Broome, New York
Fay Belting Co., 151 Lafayette
Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon"), 1780 B'way
Goodyear Rubber Co. & Rubber Clothing Co. (Rubber), 787 B'way.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Red Strip," "Montana," "Mohawk," "Sagamore" Rubber, Montana Stitched Duck, Seamless Cover), 126 Duane
Hauschildt & Ekins, 222 Center
Johnson Belting Co. (Leather), 342 E 38th
Ladew Edward R. Co. ("Hoyt," "Flintstone" Short Lap Oak Tanned Belting), 54 Franklin
Laurence Belting Co. ("Pyramid," "Essex"), 111 Chambers
Maguire Rubber Co., 200 5th av
Manhattan Belting Co. (Leather), 329 Lafayette
Mechanical Rubber Co. (Rubber), 73 Reade
National Leather Belting Co. (Oak Tanned), 342 E 38th
NEW YORK BELTING & PACKING CO., 91 Chambers
NEW YORK RUBBER CO (Rubber), Reade & Church, New York. Chicago, Ill. 325 W. Randolph, Houston, Texas
Northrop E. R. Co., 88 White
United States Rubber Co., 1790 Broadway, New York
Rahmann Geo. & Co. (Leather), 31 Spruce
Robins Conveying Belt Co. (Rubber), 13 Ann
Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade
Schieren Chas. A. Co. ("Royal Extra," "Bull's Head," "Electric," Oak-Tanned & "Duxbak" Steam & Water Proof), 30 Ferry
Schieren, Chas. A., Co. ("Royal Extra," "Bulls Head," "Eagle," "Casco," "Rockoak," "Dixie," Oak Tanned & "Duxbuck, Steam & Water Proof), 30 Ferry
Schwartz Belting Co., "Supple," "Atlantic," "Axiom Dynamo," "Axiom Heavy," "Axiom," "Extra Heavy," "Globe," "Pacific," "H 20 Waterproof"), 76 Murray
Shoemaker W. H. & Son (Rondo & Oak Tanned Leather Belting), 36 Vesey
Strong Machinery & Supply Co. ("Strong's Tisafine), 292-294 Church
See adv index at end of book
Zimmer Conrad (Leather), 70 Fulton

(End of New York City)

PALMYRA—Crandall Packing Co.
ROCHESTER—Cross Bros. & Co. (Leather)
Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton), East Rochester
Forster John M. Co. (Leather)
SYRACUSE—Syracuse Supply Co. (Oak-Tanned Leather)
TROY—Barnum Bros. Co. ("Tan-Rex," "Rex," "Barbraco" Leather)
Troy Belting & Supply Co. (Leather)
UTICA—Lawton W. M., 6-10 Devereaux
Smyth-Despard Co. ("Royal Oak," Tanned Leather)
Smyth-Despard Co. ("Royal Oak," "Chieftain" & "True Oak" Oak-Tanned Leather)

NORTH CAROLINA.

CHARLOTTE—Charlotte Leather Belting Co.

OHIO.

AKRON—Akron Belting Co. (Leather, "Akron" Brand)
Goodrich B. F. Co. (Rubber) ("Commander," "Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon")
Goodyear Tire & Rubber Co. ("Commander," Balata Canvas)

OHIO—continued
CINCINNATI — Burr Oak Belting Co. ("Burr," Oak "Square Deal" Tanned Leather), 521 Livingston
Cincinnati Rubber Mfg. Co. ("Arno," "Broncho," "Consul," "Norwood," "Pacemaker," "Pawnee," "Sandow"), Plain, Friction Surface, Rubber & Stitched)
Curry J. W. Co. ("Curry" Fabric, Endless), 2615 Cummins
Dominion Asbestos & Rubber Corp., Neave bldg.
See adv index at end of book
Eagle Counter & Leather Co. (Leather), 416 E 8th
Franklin Cotton Mill Co. (Cotton), Plum & Charles
Mooney Belting Co. (Leather), 844 W 6th
Regal Belting Co. (Leather), 2520 Spring Grove av
CLEVELAND—Buckeye Belting & Supply Co. (Leather), 1560 W 3rd
Cleveland Fabric Belting Co., 1471 W 110th
Cleveland Oak Belting Co. ("Durable" Leather), 1239 W. 9th
Mau-Sherwood Supply Co. ("Republic," "Erie" Oak Tanned Leather), 1616 W 3rd
Sawyer Belting Co. (Canvas Stitched), Ft. Lisbon, S E
COLUMBUS—**JEFFREY MFG. CO.** ("Century" Rubber), 961 N Fourth
See adv index at end of book
ELYRIA—National Belting Co. ("Textol" Canvas)
SPRINGFIELD—Bretney H & Co. (Leather),
TOLEDO—Hettrick Mfg. Co. ("Hettrick's" "Inner Duck"
YOUNGSTOWN — Republic Rubber Co. "Mercury," "Republic," "Powerful," "Invader," "Tampico" Oil Well & Thresher), Dept H

OREGON.

PORTLAND—Davis-Scott Belting Co. (Leather), 108 Union
Lambert Multiplus Co., 110 Union av

PENNSYLVANIA.

MANHEIM—**MANHEIM MFG. & BELTING CO.** ("Veelos")
NORRISTOWN—Montgomery Belting & Supply Co. (Leather), 147 W Main
PHILADELPHIA—Alexander Bros. (Oak Tanned), 3rd & Callowhill
Arny C. W. & Son (Oak Tanned), Trenton & Somerset
Barlow Bros. (Leather), 543 N 64th
Billington J. H. Co. ("Danforth" Leather), 113 Chestnut
BOND CHAS. CO. (Leather), 617 Arch
Brown D. P. & Co. ("Teon," made in England), 264 N 4th
Consolidated Belting Co. (Leather Waterproof), 3108H Germantown av
Covell W. International Leather Belting Corp., 412 S 45th
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 110 Walnut
See adv index at end of book
Etsweiler William ("Alas Balata," Leather), 230 N 3d
Fisher Leather Belting Co., 221 N 3d
Gilmer L. H. Co. ("Keystone" & "Vincent" Solid Cotton), Cottman & Keystone.
Goodall Rubber Co. (Rubber), 11th & Arch
Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon") Broad & Sp. Garden
Himmelien & Bailey (Leather), 248 Chestnut
Hood R. H. Co. ("Marathon" Leather), 1842 Germantown av
Industrial Requirements Co. ("Apex" Chrome & "Trco" Oak Leather), 1364 Chestnut
Johns H. W.-Manville Co. ("J-M," Rubber & Duck), 23 N 2d
Main Belting Co. ("Leviathan," Canvas), 1219 Carpenter
Paulus Jos. C. & Co. (Leather), 2507 Potter
Pechin Belting Co. ("None-Such" Oak Leather & Chrome), Fairmount & Front
Quaker City Rubber Co. ("Ironsides," "Atlantic," "Desert" Frictionclad, "Standard," "Hercules," "Crown" & Quaker Rubber), 629 Market
Restein, Clement Co. (Rubber, etc), 139 N 2d
Rhoades J. E. & Sons, 12 N 3d. Works: Wilmington, Del.
Richie, Crawford Co. (Leather), 414 N 3d
Ruboil Belting Co. ("Ruboil"), 41 North 10th
Smith Manning J. Belting Co., 41 E Ashmead, Gtn.
PITTSBURGH—Colonial Supply Co., 414 1st av *See adv index at end of book*
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Hartley-Ross Belting Co. (Leather), 425 1st av
WILLIAMSPORT—Slate's Geo. Sons Williamsport Leather Goods Co.

RHODE ISLAND.

BRISTOL—National India Rubber Co. (Rubber)
PAWTUCKET—Bucklin C. R. Belting Co.
Weatherhead, Thompson & Co. (Leather)
PROVIDENCE—MacWatty Belting Co., 7 Beverly
Narragansett Belting Co. (Leatner), 68 W Exchange

TENNESSEE.

MEMPHIS—Reed & Duecker ("U. S." Oak Tanned Leather & "Hippo." Water Proof Leather Belting,

TEXAS.

FORT WORTH—Fort Worth Well Machy. & Supply Co.

VIRGINIA.

RICHMOND — Richmond Leather Mfg. Co. (Leather)
Virginia Leather Co. (Oak Tanned)

WASHINGTON.

SEATTLE—Dominion Asbestos & Rubber Corp. *See adv index at end of book*

WISCONSIN.

MILWAUKEE—Milwaukee Leather Belting Co., 146 W Water
Rasmussen Julius, 111 W Water
Western Raw Hide & Belting Co. ("White" Rawhide & "Superior" Surface Tanned), 600 So Pierce

735—Belting Mfrs. (Acid Proof)

Acme Belting Co. ("Black Diamond" Canvas Stitched), Niles, Mich.
Alexander Bros. ("Flexo" Type), 3rd & Callowhill, Phila., Pa.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructine"), Bloomfield, N. J.
Daly, M. J. & Sons, Waterbury, Conn.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Druid Oak Belting Co. ("Dobco" Oak Tanned), 111 E. Lombard, Baltimore, Md.
Empire Tire & Rubber Corp., Trenton, N. J.
Fenwick-Reddaway Mfg. Co. (Hair), 46 Paris, Newark, N. J.
Graton & Knight Mfg. Co. ("G. & K.," "Spartan Fume"), Worcester, Mass.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wetprufe"), 227 So Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Jewell Belting Co. (Chrome Tanned), Hartford, Conn.
Raniville F. Co., Grand Rapids, Mich.
Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.
Shultz Belting Co. ("Aqua," "Shultz"), Dept H, Fourth & Barton, St. Louis, Mo.

Belting Mfrs. (Angular)

See Belting Mfrs.

735a—Belting Mfrs. (Asbestos)

See Also Belting Mfrs.

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

736-7—Belting Mfrs. (Balata)

Boston Belting Corp., ("Gutta-Balata," "Flexite Balata"), 84 Linden Park, Boston, Mass.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Empire Rubber & Tire Corp. ("Champion"), Trenton, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York.
Goodyear Tire & Rubber Co. ("Goodyear"), Akron, O.
Imperial Belting Co. ("Pyramid-Balata"), 400 N Lincoln, Chicago, Ill
MANHEIM MFG. & BELTING CO. ("Veelos"), Manheim, Pa.
STRONG MACHINERY & SUPPLY CO. ("Tisafine"), 292-294 Church, New York *See adv index at end of book*
Victor-Balata & Textile Belting Co. ("U-B," "Victor-Balata") 38 Murray, New York

738—Belting Mfrs. (Canvas, Rawhide Center)

National Leather Mfg. Co., Niles, Mich.

739— Belting Mfrs. (Canvas Stitched)

Acme Belting Co. ("Atlas"), Niles, Mich.
American Belting Co.'s ("Alpha"), Texas, Md.
Boston Woven Hose & Rubber Co. ("Milo," "Junior"), Cambridge, Mass.
Boyle John & Co., 112 Duane, New York
Carton Belting Co. ("Carton" (Red), "Carzack" (Black) Stitched Canvas), 52 Everett, Allston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (Straight & Serpentine Stitched), Bloomfield, N. J.
Empire Tire & Rubber Corp. ("Champion"), Trenton, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York.
FENWICK-REDDAWAY MFG. Co. ("Stanwell"), 46 Paris, Newark, N. J.
Gandy Belting Co. ("Gandy"), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
See adv index at end of book
Hettrick Mfg. Co., Toledo, O.
Imperial Belting Co. ("Rexall," "Sahara"), 400 N Lincoln, Chicago, Ill.
McIlroy Belting & Hose Co. ("Rubber-Ite"), Hammond, Ind.
Main Belting Co. ("Leviathan"), 1219 Carpenter, Phila., Pa.
MANHEIM MFG. & BELTING CO. (Hemeke), Manheim, Pa.
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
National Belting Co. ("Textol," "Black Devil," "Pyramid" and "Red Jacket"), Elyria, O.
National Leather Belting Co., 342 E 38th, New York
New Jersey Car Spring & Rubber Co. ("Gladiator"), 91 Brunswick, Jersey City, N. J.
Page Belting Co., Concord, N. H.
Rossendale-Reddaway Belting & Hose Co. ("Sphinx" & Other Brands), Newark, N. J.
Ruboil Belting Co., 41 N. 10th, Phila., Pa.
Sawyer Belting Co. (Roll & Endless), ft Lisbon rd, S E, Cleveland, O.
United States Rubber Co., 1790 Broadway, New York
Victor Balata & Textile Belting Co. ("Ampere," "White Seal," "Trough Con"), 38 Murray, New York
Whitehead Bros. Rubber Co., Trenton, N. J.

740—Belting Mfrs. (Chain Link)

BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio.
See adv index at end of book
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
DIAMOND CHAIN & MFG. CO., Indianapolis, Ind.
Federal Malleable Co. (Malleable Iron), West Allis, Wis.
Franklin Park Foundry Co. (Detachable), Franklin Park, Ill.
Herschel R. Mfg. Co., Peoria, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO. (Steel), 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, ("Ewart" Detachable & Pintle Chain), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Link Chain Co. ("Arrow Brand" Detachable Chain), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
Mey Chain Belt Co., Buffalo, N. Y.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
National Leather Belting Co., 342 E 38th, New York
Puget Sound Machinery Depot, 318 1st av, Seattle, Wash.
Stowell Co. The (Malleable Iron), S Milwaukee, Wis.
Union Chain & Mfg. Co., Seville, O.
Union Engineering Co., Cuyahoga & W 4th
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitney Mfg. Co., Hartford, Conn.
Wisconsin Iron & Wire Works (For Pulp Mills), Milwaukee, Wis.

741— Belting Mfrs. (Conveyor)

See also Conveyors, Belt; Belting, Canvas Stitched; Belting, Rubber; Belting, Chain Link

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Barber-Greene Co., Aurora, Ill.
Boston Belting Corp. (Balata & Rubber), 84 Linden Park, Boston, Mass.
Burrell Belting Co. (Solid Woven Cotton), 1413 S Hermitage av, Chicago, Ill.
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa. *See adv index at end of book*
Corns Conveying Belt Co. (Cotton), 53 W Jacobson blvd, Chicago, Ill.
Empire Tire & Rubber Corp., Trenton, N. J.
Empire Weaving & Belting Corp., East Rochester, N. Y.

Fabreeka Belting Co. ("Fabreeka"), 30 India, Boston, Mass.
See adv index at end of book



Fabreeka Belting
LOOKS LIKE LEATHER
Works Better than Leather
Won't Fray, Slip or Stretch
Has Greater Tensile Strength than Leather
FABREEKA BELTING CO.
30 India St., Boston, Mass.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Fenwick-Reddaway Mfg. Co. (Canvas), 46 Paris, Newark, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co. ("Longlife"), Akron, O.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hettrick Mfg. Co., Toledo, O.
Hewitt Rubber Co. ("Magnus," "Dogwood," "Hollywood"), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
MANHEIM MFG. & BELTING CO. ("Python"), Manheim, Pa.
NEW YORK RUBBER CO., Reade & Church, New York. Chicago, Ill. 325 W. Randolph, Houston, Texas.
N. J. Car Spring & Rubber Co. ("Staple," Extra Para"), 91 Brunswick, Jersey City, N. J.
Page Steel & Wire Co., Adrian, Mich.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Robins Conveying Belt Co., 13 Ann, New York.
Robinson Mfg. Co., Muncy, Pa.
Rossendale-Reddaway Belting & Hose Co. (Stitched Canvas, "Black Bird," Woven Cotton), Newark, N. J.

Belting Mfrs. (Cotton)

See Belting Manufacturers, Solid Cotton

742-3—*Belting Mrfs. (Detachable Chain)

JEFFREY MFG. CO., 961 N Fourth, Columbus. O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

744-5-6-Belting Mfrs. (Leather Link)

Schieren Chas. A. Co. ("American"), 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Fourth & Barton, St. Louis, Mo.

747—Belting Mfrs. (Perforated)

Schieren Chas. A. Co., 30 Ferry, New York

748—Belting Mfrs. (Rawhide)

Bay State Belting Co. ("Indian Tan"), 349 Congress, Boston, Mass.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), ("Flexible," "Excelsior"), South Attleboro, Mass.
Missouri Belting Co. ("Giant"), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Shultz Belting Co. ("Shultz"), Dept H, 4th & Barton, St. Louis, Mo.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.

749— Belting Mfrs. (Rope)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.

750—Belting Mfrs. (Round or Twist)

Rawhide Leather

Alexander Bros., 3rd & Callowhill, Phila., Pa.
Bay State Belting Co., 349 Congress, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
See adv index at end of book
Coupe Wm. Co., Ltd. (Rawhide, Round), South Attleboro, Mass.
Crisp Jas. & Co., Bloomfield, N. J.
Graton & Knight Mfg. Co. ("Spartan" Twist & Solid Round), Worcester, Mass.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Jewell Belting Co, (Round Only), Hartford, Conn.
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Missouri Belting Co. ("Ebony," Round), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co. (Rawhide, Tan), Niles, Mich.
N. Y. Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
Page Belting Co. ("Crown" Leather), Concord, N. H.
Raniville, F. Co. ("Star," "Oko," "Gam Tan," "Olotan," Round & Flat), Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Fourth & Barton, St. Louis, Mo.
Sumner Wm. Belting Co. (Patent Cotton Leather), Tolland, Conn.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Gilt Edge" Round), Dover, N. H.

Belting Mfrs. (Rubber)

See Belting Mfrs. with the word Rubber following their names

750a—Belting Mfrs. (Silent Chain)

Morse Chain Co., Ithaca, New York

751—Belting Mfrs. (Solid Cotton)

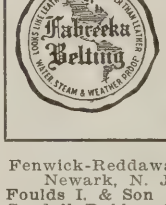
Acme Belting Co. ("Black Diamond"), Niles, Mich.
Bay State Belting Co., 349 Congress, Boston, Mass.
Boyle John & Co. (Solid), 112 Duane, New York
Brophy Belting & Supply Co. (Hand Wove Endless Belt), Madison, Ind.
Brown Arthur S. Mfg. Co. ("Tilton" Endless), Tilton, N. H.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Burrell Belting Co., 413 S Hermitage av, Chicago, Ill.
Carton Belting Co. ("Azak"), 52 Everett, Allston, Mass.
Curry J. W. Co. (Solid Woven), 2615 Cummins, Cincinnati, O.
Duryea Mfg. Co. ("Wooster's"), Bayonne, N. J.
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.
Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
FENWICK - REDDAWAY MFG. CO. ("Climax"), 46 Paris, Newark, N. J.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Gilmer L. H. Co., Keystone & Cottman, Tacony, Phila., Pa.
Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Higrade Belting & Weaving Co., Paris, Newark, N. J.
Hettrick Mfg. Co., Toledo, O.
McIlroy Belting & Hose Co. ("Rubber-Ite"), Hammond, Ind.
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
Rossendale-Reddaway Belting & Hose Co. ("Blackbird"), Newark, N. J.
Russell Mfg. Co., Middletown, Conn.
Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade, New York
Stanley Belting Corp. (Imp. Solid Woven), 34 S. Clinton, Chicago, Ill.
Sumner Wm. Belting Co., Tolland, Conn.
Susquehanna Webbing Co., Bloomsburg, Pa.
Tilton Mills (Endless Woven), Tilton, N. H.
Warren Mfg. Co., Warren, Md.

752—Belting Mfrs. (Thresher)

Acme Belting Co. ("Atlas" Endless), Niles, Mich.
American Belting Co.'s (Endless Stitched Canvas, "Alpha," "American" Thresher), Texas, Md.
Boston Woven Hose & Rubber Co. ("Grain King" Canvas), Cambridge, Mass.
Carton Belting Co. ("Carton," Endless), 52 Everett, Allston, Mass.
Chesapeake Belting Co. (Endless Stitched Canvas), 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
Curry J. W. Co. ("Curry," Solid Woven Waterproof), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.
Empire Tire & Rubber Corp., Trenton, N. J.
Gandy Belting Co. ("Gandy" Endless Stitched Canvas), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hettrick Mfg. Co., Toledo, O.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co. (Rubber), Hamilton sq, N. J.
Mt. Vernon Belting Co. ("Mt. Vernon," Endless), 333 Warren av, Baltimore, Md.
NEW YORK RUBBER CO., Reade & Church, New York
Chicago, Ill., 325 Randolph
Houston, Texas
Quaker City Rubber Co. (Endless Rubber), 629 Market, Phila., Pa.
Republic Rubber Corp., Dept H, Youngstown, Ohio.
Sawyer Belting Co. (Endless Stitched Canvas), ft Lisbon rd S E, Cleveland, O.
Victor-Balata & Textile Belting Co., 38 Murray, New York.

753—Belting Mfrs. (Waterproof)

Acme Belting Co. ("Black Diamond" Canvas), Niles, Mich.
Alexander Bros. ("Dreadnaut"), 3rd & Callowhill, Phila., Pa.
American Belting & Tanning Co. ("Otter" Chrome Tanned), 135 Oliver, Boston, Mass.
Bachmann J. & Co. ("Hippo"), 16 Reade, New York
Bay State Belting Co. ("Water King"), 349 Congress, Boston, Mass.
Bond Chas. Co. (Leather), 617 Arch, Phila., Pa.
Bonner & Barnewall ("Rex-Tan" Leather), 30 Church, New York
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Baltimore Belting Co. ("Navy"), 115 W Lombard, Baltimore, Md.
Burr Oak Belting Co. ("Sealskin"), 521 Livingston, Cincinnati, O.
Carton Belting Co. ("Azak," Solid Woven), 52 Everett, Allston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Chicago Belting Co. ("Sea Lion," Leather), 125 N Green, Chicago, Ill.
Cleveland Oak Belting Co. ("Durable"), 1239 W. 9th, Cleveland, Ohio.
Consolidated Belting Co. (Leather), 3108 Germantown av., Phila., Pa.
Curry J. W. Co. (Endless), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Druid Oak Belting Co. ("Druid Waterproof"), 111 E. Lombard, Baltimore, Md.
Duryea Mfg. Co. ("Wooster's" Cotton), Bayonne, N. J.
Empire Mfg. Co. ("Empire"), Lockport, N. Y.
Empire Tire & Rubber Corp., Trenton, N. J.
Empire Weaving & Belting Corp. (Canvas), East Rochester, N. Y.
Fabreeka Belting Co. ("Fabreeka"), 30 India, Boston, Mass.
See adv index at end of book



Fabreeka Belting
LOOKS LIKE LEATHER
Works Better than Leather
Won't Fray, Slip or Stretch
Has Greater Tensile Strength than Leather
FABREEKA BELTING CO.
30 India St., Boston, Mass.

Fenwick-Reddaway Mfg. Co., 46 Paris, Newark, N. J.
Foulds I. & Son (Chrome), Hudson, Mass.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Graton & Knight Mfg. Co. ("G. & K." "Neptune," "Neptune Dynamo"), Worcester, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wetproofs"), 227 S. Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Hudson Belting Co. ("Mermaid"), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. ("Anhydrous" Mineral Tanned), 221 High, Boston, Mass.
Jewell Belting Co. (Oak & Chrome Tanned), Hartford, Conn.
Laurence Belting Co. ("Cascade"), 111 Chambers, New York
McIlroy Belting & Hose Co. ("Rubber-Ite," Canvas Stitched), Hammond, Ind.
Manhattan Belting Co. ("Rainbo"), 329 Lafayette, New York
Missouri Belting Co. ("Alligator"), Grand & La Salle, St. Louis, Mo.
Moloney Belting Co. ("Whale"), 130 N Franklin, Chicago, Ill.
National Leather Belting Co. (Leather), 342 E 38th, New York
N. J. Car Spring & Rubber Co. ("Carspring"), 91 Bushwick, Jersey City, N. J.
New York Leather Belting Co. ("Wetite"), 465 Kent av, Brooklyn, N. Y.
Norwich Belt Mfg. Co. ("Triton"), Norwich, Conn.
Nott W. S. Co. ("Hero"), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Rahmann Geo. & Co. ("Kontak," "Comber"), 31 Spruce, New York
Raniville F. Co., Grand Rapids, Mich.
Reed & Duecker ("Hippo" Water Proof Leather), Memphis, Tenn.
Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.

BELTING MFRS. (WATERPROOF)—c't
Ruboil Belting Co. ("Ruboil"), 41 N. 10th, Phila., Pa.
Salisbury W. H. & Co. ("Seal Brand," "Lea-Duck," Stretch & Water-proof Leather, "Innertex" Stretch-proof Leather), 308 N Madison, Chicago, Ill.
Schieren Chas. A. Co. ("Duxbak," Leather), 30 Ferry, New York
Schwartz Belting Co. ("H 20"), 76 Murray, New York
Shultz Belting Co. ("Shultz," Niagara & "Aqua"), Dept H, 4th & Barton, St. Louis, Mo.
Smyth-Despard Co. ("Waterwitch," "Ute"), Utica, N. Y.
Williams I. B. & Sons ("Shedite"), Dover, N. H.

Belting Mfrs. (Wire)

See Belts, Automobile

754— Belting Mfrs. (Woven Leather)

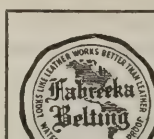
Burrell Belting Co. (Alfalfa, Burmaline & Clover), 413 S. Hermitage av, Chicago, Ill.
New York Leather Belting Co. ("Viking"), 465 Kent av, Brooklyn, N. Y.
Shultz Belting Co. ("Shultz"), Fourth & Barton, St. Louis, Mo.

755— Belts (Automobile)

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York.
Am. Textile Banding Co., Inc. (Fan), Belfield av & Wister, Phila., Pa.
Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.
Carter Geo. R. Co. (Fan), Connersville, Ind.
Chicago Belting Co. (Fan, Round, Flat & V), 125 N Green, Chicago, Ill.
Chicago Rawhide Mfg. Co. (Chrome), 1301 Elston av, Chicago, Ill.
Cleveland Oak Belting Co. ("Durable" Fan), 1239 W. 9th, Cleveland, Ohio.
Coe & Brown (Fan), New Haven, Conn.
Consolidated Belting Co. (Fan), 3108 Germantown av., Phila., Pa.
Curry J. W. Co. ("Curry," Solid Woven, Waterproof Fan Belts), 2615 Cummins, Cincinnati, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
See adv index at end of book
Detroit Leather Works ("Flexo" Fan), 683H, E. Lafayette, Detroit, Mich.
Detroit Oak Belting Co. (Fan), 3362H Wight, Detroit, Mich.
Druid Oak Belting Co., 111 E Lombard, Baltimore, Md.
Empire Tire & Rubber Corp., Trenton, N. J.
Empire Weaving & Belting Corp. ("Tuftex" Fan Belts, Leather & Fabric), East Rochester, N. Y.
Essex Rubber Co. (Fan), Trenton, N. J.
Eureka Spring Co. (Steel), 150 Bleecker, New York
Gardner Wire Co. ("Calcutts" Spiral Wire Only), 520-N Parkside av., Chicago, Ill.
Gilmer L. H. Co. ("Gilmer" Woven Endless), Cottman & Keystone, Tacony, Pa.
Graton & Knight Mfg. Co. ("G. & K." Fan), Worcester, Mass.
Haney J. H. & Sons ("Fan"), Omaha, Neb.
Hide, Leather & Belt Mfg. Co. (Fan), 227 S. Meridian, Indianapolis, Ind.
Hinson C. & B. Co. ("Hinson" Endless Fan), 1511 Chase, Cincinnati, O.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Jewell Belting Co. (Fan), Hartford, Conn.
Leather Tire Goods Co. (Fan), Niagara Falls, N. Y.
Milwaukee Leather Belting Co. (Fan), 146 W Water, Milwaukee, Wis.
Mooney Belting Co. (Fan), 844 West 6th, Cincinnati, O.
National Leather Mfg. Co. (Chrome), Niles, Mich.
New York Wire & Spring Co. (Wire), 580 Washington, New York
Norwich Belt Mfg. Co. (Fan), Norwich, Conn.
Philadelphia Belting Co. (Leather Fan), 6th & Sp. Garden, Phila., Pa.
Polson W. J. Co. ("W. J. Polsons" Fan), 18th & Indian av, Kansas City, Mo.
Raybestos Co. (Fan), Bridgeport, Conn.
Russell Mfg. Co. ("Rusco," Woven Endless), Middletown, Conn.
Schieren Chas. A. Co. (Fan), 30 Ferry, New York
Sunbeam Mfg. Co. ("Sunbeam," Ford Fan Belts), 1113 E. 30th, Kansas City, Mo.
Webb Mfg. Co. ("Webb," Wire), 245-247 N. J. R. R. av., Newark, N. J.
See adv index at end of book
Williams I. B. & Sons, Dover, N. H.
Woodworth Mfg. Co. ("Woodworth" Auto Fan Cord), Starr av., Binghamton, N. Y.

755a— Belts (Car Lighting)

Fabreeka Belting Co. (Fabreeka"), 30 India, Boston, Mass.
See adv index at end of book
Fenwick-Reddaway Mfg. Co., 46 Paris, Newark, N. J.
Victor-Balata & Textile Belting Co. ("Axonetat"), 38 Murray, New York



Fabreeka Belting
LOOKS LIKE LEATHER
Works Better than Leather
Won't Fray, Slip or Stretch
Has Greater Tensile Strength than Leather
FABREEKA BELTING CO.
30 India St., Boston, Mass.

756-7— Belts (Cartridge)

Aronoff Joseph J., Trenton, N. J.
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Cook E. C. & Bro., 1312 Arthington, Chicago, Ill.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Peters Harness & Saddlery Co., Newark, N. J.

Belts (Conveyor)

See Belting Mfrs. Conveyor

758— Belts (Linemen's)

Aschenbach Henry Saddlery Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke R. H. Co., 1250 Fullerton av, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Feeser Frank S. Co., 1033 Shelby, Indianapolis, Ind.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Galewski Adolph & Son, 453 Broome, New York
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Ransome Concrete Machinery Co., Dunellen, N. J.

759— Belts (Polishing)

Ames Sword Co. (Endless Silk Sewed), Chicopee, Mass.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
Curry J. W. Co. ("Curry" Endless), 2615 Cummins, Cincinnati, O.
Empire Mfg. Co. (Cotton), Lockport, N.Y.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Jewell Belting Co., Hartford, Conn.
Manhattan Rubber Mfg. Co. (Canvas with Rubber Insertion), Passaic, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Page Belting Co. (Leather), Concord, N.H.

760— Belts (Sand Paper)

Driver C. H. & Kerr Co., Racine, Wis
Empire Weaving & Belting Corp., East Rochester, N. Y.
Manning Abrasive Co., Dept H., Troy, N. Y.

761— Belts ("V")

See also Belts, Automobile

Badger Handle Co., 415 3rd, Milwaukee, Wis.
Boston Belting Corp. (For Ore. Concentrating Machines, etc.), 84 Linden Park, Boston, Mass.
Detroit Leather Works ("Flexo" Laminated), 683 E. Lafayette Detroit, Mich.
Graton & Knight Mfg. Co. (For Fans, Motor Cycles, etc), Worcester, Mass.
Republic Rubber Co., Youngstown, O.

Belts (Wire, Automobile)

See Belts, Automobile

762-3— Bench Legs

C. M. B. Wrench Co. ("Garwood" Cast Iron), Garwood, N. J.
Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
See adv index at end of book
Fairbanks Co. ("Fairbanks" Cast Iron), 416 Broome, New York
See adv index at end of book
Garwood Bronze & Iron Works, Garwood, N. J.
Hill Clutch Co., W 65th, Cleveland, O.
Jones W. A. Foundry & Machine Co. (Cast Iron), 4401 W 12th, Chicago, Ill.
Koenig Edward L. Co., 23 W Kinzie Chicago, Ill.
New Britain Machine Co. ("New Britain," Pressed Steel), 190 Chestnut, New Britain, Conn.
Western Tool & Mfg. Co., Springfield, O.

764—Benches (Cabinet & Pattern Makers', Etc.)

Christiansen C., 2814 W 26th, Chicago, Ill.
Diamond Clamp & Flask Co., Richmond, Ind.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Kantslip Co., Freeport, Mich.
Mason & Parker Mfg. Co., Winchendon, Mass.
Oliver Machinery Co., Grand Rapids, Mich.
Rowe Henry Mfg. Co., Newaygo, Mich.

765— Benches (Cutting)

Boos John & Co., Effingham, Ill.
Michigan Maple Block Co. (All Kinds), Petoskey, Mich.

766— Benches (Draw)

Brightman Mfg. Co., Columbus, O.
Loy & Nawrath Co. (For Sheet Metal), 25 Runym, Newark, N. J.
Morgan Construction Co., Worcester, Mass.
Ohl Geo. A. & Co. (20 & 24 ft), 159 Oraton, Newark, N. J.
Oliver W. W. Mfg. Co. (Jewelers, etc), 1483 Niagara, Buffalo, N. Y.
Perkins Machine Co. (Belt Power & Electrically Driven), Warren Mass.
Richard Mfg. Co. Bloomsburg, Pa.
San Francisco Engineering Co. (Calcimine), 322 6th, San Francisco, Cal.
Standard Machinery Co., Providence, R. I.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Torrington Mfg. Co., Torrington, Conn.
VAUGHN MACHINERY CO. (Wire Rods & Bars), Cuyahoga Falls, O.
See adv index at end of book
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

767— Benches (Gas Retort)

See also Gas Works Apparatus & Construction
Didier-March Co. (Horizontal, Inclined & Glover-West System of Vertical Retorts), Perth Amboy, N. J.
Gardner Jas. Jr. & Co. (Plain & Recuperative), Lockport Sta., Pa.
Gas Machinery Co. (Coal Gas Benches), 1900 Euclid av, Cleveland, O.
Improved Equipment Co. (Doherty Bench Fuel Economizer), 60 Wall, New York
Isbell-Porter Co., 46 Bridge, Newark, N. J.
Laclede-Christy Clay Products Co. ("Laclede-Christy"), Railway Exch. bldg, St. Louis, Mo.
Missouri Fire Brick Co. (Inclined & Horizontal Benches), Boatmen's Bank bldg, St. Louis, Mo.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.

768—Benches (Machinists' Work)

Brown & Sharpe Mfg. Co., Providence, R. I.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco"), Framingham, Mass.
Motor Engineering Co., 1917 E 61st, Cleveland, O.
Vanderman Mfg. Co., Willimantic, Conn.
Western Tool & Mfg. Co., Springfield, O.

769-70—Benches (Manual Training)

Bemis A. L. ("Standard"), Worcester, Mass.
Christiansen C., 2219 W Grand av., Chicago, Ill.
Economy Mfg. Co. ("Economy"), 508 Commerce, Phila., Pa.
Fields, Chas. J. & Sons, 633 Market, Phila., Pa.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Price W. R. Inc., 127 Fifth av, New York
Richards-Wilcox Mfg. Co. ("Wilcox"), Aurora, Ill.

771— Benches (Molders')

Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Western Tool & Mfg. Co. ("Champion"), Springfield, Ohio.

772—Benches (Movable & Stationary, Steel)

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Royal Steel Products Co. (Park, Wooden Slat & Municipal, Permanent), 1440 B'way, New York.
Western Tool & Mfg. Co., Springfield, O.

773— Benches (Piano)

Art Novelty Co., Goshen, Ind.
Bohm Cabinet Co., 179 Magie, Rochester, N. Y.
Carrom Co. (The), Ludington, Mich.
Cook C. A. Co., Cambridge, Mass.
Grand Ledge Chair Co., Grand Ledge, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Harrison B. J. Son Co., Winsted, Conn.
Holtzman Henry & Sons Co., Columbus, O.
Lamb Geo. L., Nappanee, Ind.
Logansport Furniture Co., Logansport, Ind.

Merriam A. Co., South Acton, Mass.
Michigan Chair Co., Grand Rapids, Mich.
National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
New York Piano Stool & Mfg. Co., E Stroudsburg, Pa.
Northwestern Cabinet Co., Burlington, Ia.
Parker Chas. Co., Meriden, Conn.
Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.
Tonk Mfg. Co. ("Tonk") 1912 Lewis av, Chicago, Ill.
Udell-Predock Mfg. Co., 2315 N B'way, St. Louis, Mo.

774— Benches (Portable)

Bailey Fred T. & Co. (For Pipe Work), North Scituate, Mass.
Em-Em Selling Co. ("Perfect" Portable Vise), 422 E 16th, New York
Henderson Elec. Co., Ampere, N. J.
Martin H. P. & Sons, Owensboro, Ky.
Standard Iron Works (Vise), 508 E 74th, New York

775-6—*Benches (Wash Folding)

Stiles H. A. & Co. 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Benches (Saw)

See Saw Benches or Tables

Benches (Wire Drawing)

See Wire Drawing Machinery

777—Benders (Angle & Eye, Hand Power)

American Road Machinery Co. ("Pennock"), Kennett sq, Pa.
Champion Blower & Forge Co. ("Champion," For Bending Angles, Tees, Flats, etc), Lancaster, Pa.
Cleveland Punch & Shear Works Co., 3921 St. Clair av., N E, Cleveland, Ohio
Hinman D. A. & Co. (Also Ring & Hinge), Sandwich, Ill.
Ryerson, Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

778— Benders (Conduit)

Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
Bierdeman R. C. Co. ("Star"), 4621 N Clark, Chicago, Ill.
Commercial Switchboard Mfg. Co., Denver, Col.
Cox J. Fillmore & Co., Bayonne, N. J.
Economy Elec. Spec. Co., 37 W. Van Buren, Chicago, Ill.
Henderson Elec. Co., Ampere, N. J.
Hub Elec. Co. ("Star"), 2219 W. Grand av., Chicago, Ill.
Martin H. P. & Sons ("Martin" & "Pipe"), Dept. H, Owensboro, Ky.
McGuire L. C., 414 37th, Brooklyn, N. Y.
Minneapolis Equipment Co., Minneapolis, Minn.
Rattan Mfg. Co., New Haven, Conn.
Rittenhouse A. E. Co. ("Rittenhouse"), Honeoye Falls, N. Y.
Roberts H. C. Elec. Supply Co., 11th & Race, Phila., Pa.
Skinner M. B. Co. ("Boss Hickey"), 562 W Washington, Chicago, Ill.
Steel City Electric Co. ("Fullman," Electric & Hand), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York.
Vanderman Mfg. Co., Willimantic, Conn.

779— Benders (Hook & Eye)

Kidder J. F. Mfg. Co., Burlington, Vt.

780— Benders (Lead Pipe)

Buffum Tool Co. ("Swastika," Bending Springs), South Side, Louisiana, Mo.
Baird Pneumatic Tool Co., Rialto bldg, Kansas City, Mo.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Hub Elec. Co. ("Star"), 2219 W. Grand av., Chicago, Ill.
McCrea Jas. & Co. ("Rex"), 562 W Washington, Chicago, Ill.
Mark Mfg. Co., Evanston, Ill.
McGuire L. C., 414 37th, Brooklyn, N. Y.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Standard Iron Wks., 508 E 74th, New York
Starbuck R. M. & Sons, Hartford, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Walworth Mfg. Co., 798 1st, S Boston, Mass.
Yonts C. H. & Co., Meadville, Pa.

781— Benders (Rail)

See also Rail Bending & Straightening Machines
Aldon Co. ("Jim Crow"), 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("Buda," "Jim Crow" & Roller Rail Bender), Railway Exchange bldg, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av., N E, Cleveland, Ohio
Dudgeon Richard (Hydraulic), 24 Columbia, New York
Elmes, Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fox Bros. & Co., 126 Lafayette, New York
Handlan-Buck Mfg. Co. ("Giant"), 210-14 N 3rd, St. Louis, Mo.
Hardsocg Mfg. Co. (Single & Double Acting), Ottumwa, Ia.
Hardsocg Martin Co. ("Imperial" for Mine Rails), 922 South av, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
M. W. Supply Co., Real Estate Trust bldg., Philadelphia, Pa.
Pettibone, Mulliken & Co. (Roller), 140 S Dearborn), Chicago, Ill.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co. ("Jim Crow," Double Acting, Roller, Eccentric, Ratchet, etc), 117 Water, Pittsburgh, Pa.
Q. & C. Co. ("Q. & C." "Samson," "Q. & C." Girder), 90 West, New York
Reading Specialties Co., Reading, Pa.
Sherburne & Co. ("Sherburne"), 53 Oliver, Boston, Mass.
Southwark Foundry & Machine Co., 1128 S. 4th, Philadelphia, Pa.
Stine S. B. (Plain & Ratchet), Osceola Mills, Pa.
Track Specialties Co., 20 B'way, New York
Union Drop Forge Co. ("Jim Crow"), 358 W Grand av, Chicago, Ill.
United Iron Works Inc., Kansas City, Mo. Mo.
Valley Forging Co., Verona, Pa.
Verona Tool Works ("Manning" Eccentric, etc.), Oakmont, Pa.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*
What Cheer Tool Co. ("Big Joe," "Little Joe"), What Cheer, Ia.
Zelnicker Walter A. Supply Co. ("Zelnicker" Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*

782—Benders (Reinforcing Bar)

Chicago Builders Specialties Co. ("Acme"), 11 S La Salle, Chicago, Ill.
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hinman D. A. & Co., Sandwich, Ill.
Koehring Machine Co., Milwaukee, Wis.
McKenna Co. ("McKenna," "Reliable"), 1851 E 38th, Cleveland, O
Neevel Mfg. Co. ("U"), 1409 Kansas av, Kansas City, Mo.
Ransome Concrete Machinery Co., Dunellen, N. J.
Raymer Hardware Co., 58 E 5th, St. Paul, Minn.
Steel & Iron Products Co. ("Hanson's" Improved "Ajax" Portable), 1911 Emerson av., Chicago, Ill.
Union Machine Co., 183 University av, St. Paul, Minn.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Waterloo Construction Co., Waterloo, Ia.

Benders (Ring)

See Benders, Angle & Eye, Hand Power

783— Benders (Tire)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Butts & Ordway Co. ("Boston"), 33 Purchase, Boston, Mass.
Champion Blower & Forge Co., Lancaster, Pa.
Concord Axle Co., Penacook, N. H.
Illinois Iron & Bolt Co. ("I. I. & B. Co." Plain & Roller Bearing), Carpentersville, Ill.
Indiana Foundry Co., Indiana, Pa.
Kane & Roach ("Monarch"), Syracuse, N. Y.
Potts H. Co., Lancaster, Pa.
Rockford Mfg. Co. ("Rockford"), Rockford, Ill.
San Francisco Enging Co., 322 6th, San Francisco, Cal.
Southern Skein & Foundry Co. (Common & Roller Bearing), Chattanooga, Tenn.
Williams White & Co. (Also Welders), Moline, Ill.

784— Bendings (Wood)

Delphos Bending Co. (Body), Delphos, O.
Estes E. B. & Sons, 364 5th av, New York
Igoe Brothers, 61-73 Metropolitan av., Brooklyn, N. Y. *See adv index at end of book*

Bends (Pipe)

See Pipe Bends & Coils

785— Bends (Return)

Crane Co., 836 S. Michigan av., Chicago, Ill. *See adv index at end of book*
Durion Castings Co. (Acid Proof), Dayton, O.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass), Executive offices & factories, Beekman & Wavverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (Brass), 100 S. Campbell av., Detroit, Mich.
Malleable Iron Fittings Co. ("M. I. F. Co."), Brandford, Conn.
Williams D. T. Valve Co., Cincinnati, O.

786— Bends (Water Closet)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Compound Injector & Specialty Co. ("Dehn's"), 419 N Laramie av, Chicago, Ill.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Greenwood Mfg. Co. ("Boosey's"), 5140H Greenwood, Detroit, Mich.
Ideal Mfg. Co. ("Ideal" Non Syphon), Franklin & Dubois, Detroit, Mich.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Miller Chas. A. Co., Sturgis, Mich.
Park & McKay ("Young"), 55 Bagley av, Detroit, Mich.
Rice Edw. J. & Son, 203 Main W, Rochester, N. Y.
Sanitary Co. (Iron), Dept. H, Linfield, Pa.
Smith & Abbott Co., Portland, Me.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Zurn, J. A. Mfg. Co., Dept. H, Erie, Pa.

787— *Benedict Nickel

AMERICAN BRASS CO. (Rods, Sheet Tubing & Wire), Waterbury, Conn. *For branch offices see adv index at end of book*

788— Benzaldehyde

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
British - American Chemical, Corp., 109 Beekman, New York
Chemical Co. of America, Inc. ("F. S. C."), 28 Platt, New York
Commonwealth Chemical Corp., 15 Park Row, New York
Florasynth Laboratories, Inc., 15 Beekman, New York
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York *See adv index at end of book*
Ising C. E. Corp., 70 Warren, New York
McKesson & Robbins, 91 Fulton, New York
Miller & Moran, 154 Nassau, New York
Nat'l Aniline & Chemical Co., 21 Burling slip, New York
Rector Chemical Co., 2 Rector, New York
Semet-Solvay Co., Syracuse, N. Y.
Standard Chemical Co., Bayonne, N. J.
Van Dyke & Co., 6 Platt, New York
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.

788a— Benzidine

Butterworth-Jordon Corp. (Base & Sulphate), 61 B'way, New York *See adv index at end of book*
Chemical Co. of America Inc. (Base & Sulphate), 28 Platt, New York
Montcalm Chemical Works (Base), 220 N Illinois, Indianapolis, Ind.

789— Benzine

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
DU PONT E I DE NEMOURS & CO., INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Petrolia Refining Co., Petrolia, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Sun Company, Finance bldg, Phila., Pa.
Union Petroleum Co. (Deoderized), Widener bldg, Phila., Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

790— Benzine Substitute

Duryea Mfg. Co. ("Detergine"), Bayonne, N. J.

791— Benzoate of Soda

British - American Chemical, Corp., 109 Beekman, New York
Commonwealth Chemical Corp., 15 Park row, New York
Greeff W. & Co., 78 Front, New York
Chromos Chemical Co., Inc. (U. S. P.), 35 W 42d, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*

BENZOATE OF SODA—continued
Greeff W. & Co., 78 Front, New York
Herrick & Voight, 68 Maiden la., New York
Heyden Chemical Works, Garfield, N. J.
Lyon Julian W. (Imp.), 101 Beekman, New York
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Semet-Solvay Co., Syracuse, N. Y.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

791a— Benzoates

Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Seydel Mfg. Co. (of Ammonia, of Beta-Nepthol, of Benzyl, of Ethyl, of Lithium, of Mercury, of Methyl), 88 Forrest, Jersey City, N. J.

791b— Benzol

Cooper, Chas. & Co., 194H Worth, New York
Du Pont Chemical Works (90°), 120 B'way, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
JORDAN, WILLIAM E., INC., 15 Cliff, New York
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Montcalm Chemical Works (Para Nitro Chlor), 220 N Illinois, Indianapolis, Ind.
Western Aniline Products Co., Hammond, Ind.

791c—Benzol Recovery Plants (Constructors)

Koppers Co., Union Arcade, Pittsburgh, Pa.
Wilputte Coke Oven Corp., 469 5th av, New York

792— Benzol Refiners

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Cabot Samuel, Inc., 141 Milk, Boston, Mass.
Cambria Steel Co., Widener bldg, Phila., Pa.
Hooker Electrochemical Co. (Monochdorbenzol), 40 Wall, New York
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co., Inc ("C. P.-90 Per Cent. & Straw Colored"), 21 Burling slip, New York
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Semet-Solvay Co. (Water White for Gas Enriching Purposes), Syracuse, N. Y.
United Gas Improvement Co., Broad & Arch, Phila., Pa.

792a— Benzoyl Chloride

British - American Chemical, Corp., 109 Beekman, New York
Chemical Co. of Amer., Inc., 28 Platt, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Niagara Alkali Co., Niagara Falls, N. Y.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Van Dyk & Co., 6 Platt, New York

792b— Benzyl Acetate

Chiris, Antoine Co., 20 Platt, New York
Commonwealth Chemical Corp., 15 Park row, New York
Florasynth Laboratories, Inc., 15 Beekman, New York
Ising C. E. Corp., 116 W 39th, New York
Van Dyk & Co., 6 Platt, New York

792c— Benzyl Alcohol

Florasynth Laboratories, Inc., 15 Beekman, New York
Harmer Laboratories Co., 1704 Market, Phila., Pa.
Ising C. E. Corp., 116 W 39th, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Van Dyk & Co., 6 Platt, New York

792d— Benzyl Chloride

Aniline Dyes & Chemicals Co., 134 Cedar, New York
British - American Chemical Corp., 109 Beekman, New York
Chemical Co. of Amer., Inc., 28 Platt, New York
Miller & Moran, 154 Nassau, New York
Rector Chemical Co., Inc., 2 Rector, New York
Semet-Solvay Co., Syracuse, N. Y.
Standard Chemical Co., ft W 45th, Bayonne, N. J.
Van Dyk & Co., 6 Platt, New York

793—Berths & Bunks (Metallic)

Art Metal Construction Co., Jamestown, New York
Fort Pitt Bedding Co. (Bunks), Dept. H, Lixerpool & Preble av., N. S., Pittsburgh, Pa.
Foster Bros. Mfg. Co., Utica, N. Y.
Haggard & Marcusson Co. ("Tiger"), 1109 W 37th, Chicago, Ill.
Schomer Henry Co., 1814 S. Kilbourn av., Chicago, Ill.
Simmons Co., Kenosha, Wis.
Southern-Rome Co. ("Rome"), 623 W Pratt, Baltimore, Md.
Union Bed & Spring Co., 4345H 5th av., Chicago, Ill.

793a— Beryllium

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

793b— Beryllium Nitrate

Foote Mineral Co., Inc., 107 N 19th, Phila., Pa.

793c— Beryllium Silicate

Foote Mineral Co., Inc., 107 N 19th, Phila., Pa.

794— Betanaphthol

Bischoff C. & Co. (Imp.), 451 Washington, New York
Calco Chemical Co., Bound Brook, N. J.
Fergusson, Alex. C., Jr., 474 Chestnut Philadelphia, Pa.
See adv index at end of book
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Organic Products Corp., Schenectady, N. Y.
Sherwin-Williams Co., Cleveland, O.
Sparks John C., 42 Warren, New York

794a—*Beta Naphthol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

795— Bevels

Athol Mach. & Foundry Co. (Universal), Athol, Mass.
Brown & Sharpe Mfg. Co., Dept. H, Providence, R. I.
Chapin-Stephens Co. (Ship Carpenters, etc), Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Philadelphia, Pa.
Goodell Pratt Co. (Carpenter's Sliding T), Greenfield, Mass.
Hart, H. C. Mfg. Co. (All Steel Bevel & Square), Unionville, Conn.
Sawyer Tool Mfg. Co. (Combination), Ashburnham, Mass.
Southington Hardware Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. THE (Combination, Universal, etc.), Athol, Mass.
See adv index at end of book
Upson Nut Co. (Ship Carpenters', etc), Cleveland, O.
Williams William Jr. ("Reeves" Universal), New Britain, Conn.

Bibbs

See Cocks & Bibbs

796—Bibs (Barbers' Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.
Miller Rubber Co., Akron, O.
Tver Rubber Co., Andover, Mass.

797— Bi-Carbonate of Soda

See also Sodium, Bicarbonate)

American Chemical Co., 640 Carr, Cincinnati, O.
Breslauer A. (Industrial Chemicals), Am. Natl. Bk. bldg, San Francisco, Cal.
Church & Dwight Co., 27 Cedar, New York
Diamond Alkali Co., First Natl Bank bldg, Pittsburgh, Pa.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Highfield John W., 248 N 10th, Brooklyn, N. Y.
Mathieson Alkali Works ("Eagle" & "Thistle" Brand), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co., Camden, N. J.
Michigan Alkali Co., Wyandotte, Mich.
National Electrolytic Co., Inc. ("Niagara"), Niagara Falls, N. Y.
Pennsylvania Salt Mfg. Co. ("Natrona"), Widener bldg, Phila., Pa.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Bi-Carbonate of Tin

See Tin, Bi-Chloride

798— *Bicycle Frame Parts

New England Pressed Steel Co., Natich, Mass.
Standard Parts Co., Cleveland, O.

799— Bicycle Mfrs.

See also Motor Cycles

Arnold, Schwinn & Co., 1718 N Kildare av, Chicago, Ill.
Colson Co., Elyria, O.
Columbia Mfg. Co. (Cro-Bicycle), 116 E 3rd, Cincinnati, Ohio
Davis Sewing Machine Co. ("Dayton Yale," "National"), Dayton, O.
Emblem Mfg. Co., Angola, N. Y.
Excelsior Cycle Store, 5340 B'way, Chicago, Ill.
Fowler-Manson-Sherman Cycle Mfg. Co., 1447 Austin av, Chicago, Ill.
Gendron Wheel Co. ("Gendron"), Toledo, O.
Great Western Mfg. Co., La Porte, Ind.
Hendee Mfg. Co. ("Indian"), Springfield, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
Johnson's Iver Arms & Cycle Works ("Iver Johnson"), Fitchburg, Mass.
Laycock T. B. Son & Co. (Juvenile), Indianapolis, Ind.
Maybro Co. ("Maybro"), 80H Exchange, Binghamton, N. Y.
Mead Cycle Co., 33 N Canal, Chicago, Ill.
Miami Cycle & Mfg. Co. ("Racycle," "Hudson," "Flying Merkel," "Miami" power bicycles), Middletown, Ohio
Motor Car Supply Co. ("Unxld"), 1453 Michigan av, Chicago, Ill.
Pierce Cycle Co., 18 Hanover, Buffalo, N. Y.
Premier Cycle Wks., 33 N Canal, Chicago, Ill.
Reading Cycle Mfg. Co., Reading, Pa.
Rome Bicycle Mfg. Co., Rome, N. Y.
Snyder H. P. Mfg. Co., Little Falls, N. Y.
Strohm W. A. & Bro., 1612 W Lake, Chicago, Ill.
Thayer H. N. Co., Erie, Pa.
Toledo Metal Wheel Co., Toledo, O.
Westfield Mfg. Co., Westfield, Mass.

800—Bicycle Parts & Sundries

See also Bolts, Bicycles; also Chains, Bicycle; also Nuts, Bicycle; also Pumps, Bicycle; also Screws, Bicycle; also Springs, Bicycle; also Tubing, Bicycle
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Bevin Bros. Mfg. Co. (Toe Clips, Trouser Guards, etc), East Hampton, Conn.
Climax Mfg. Co. (Saddles, etc.), East Hampton, Conn.
Collmer Bros., South Bend, Ind.
Colson Co. (Bicycles & Juvenile Tricycles), Elyria, O.
Crosby Co. (Stamped Steel Fittings & Ball Cups), 183 Pratt, Buffalo, N. Y.
Forsyth Metal Goods Co. (Chain Guards, etc), E Aurora, N. Y.
Harris & Reed, 1500 W 15th, Chicago, Ill.
Hydraulic Pressed Steel Co. (Sprockets), 3152 E 61st, Cleveland, O.
K. & C. Mfg. Co. (Lock Joint Wood Rims), Henniker, N. H.
Kelly Handle Bar Dept. Am. Stove Co. (Handle Bars), 5017 Perkins av, N E, Cleveland, O.
Matthews H. A. Mfg. Co., Seymour, Conn.
Nelson A. Mfg. Co., 564 W. Randolph, Chicago, Ill.
Oakes Co. (Stamped Parts), Roosevelt & Wheeler, Indianapolis, Ind.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Parish & Bingham Co. (Sprockets), Madison av & W 106th, Cleveland O
Perry-Fay Mfg. Co. (Screw Machine Products), Elyria, O.
Standard Steel Tube Co., Toledo, O.
Tiley, Pratt Co. (Spokes, Nipples, etc.), Essex, Conn.
Torrington Co., The Standard Plant (Spokes & Nipples, Pedals & Toe Clips), Torrington, Conn.
Troxel Mfg. Co. (Saddles, Mud Guards), Elyria, Ohio
United States Automatic Co. (Screw Machine Products), Amherst, O.
Western Automatic Mach. Screw Co., Elyria, O.
Wilson L. Novelty Works, 222 S Clinton, Chicago, Ill.

800a— Bicycles (Juvenile)

American Nat'l Co., Toledo, O.

801— Bidets

Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Haines, Jones & Cadbury Co. ("Vitreo"), 1136 Ridge av, Phila., Pa.
Hall Mfg. Co., Harrison, N. J.
Mott J. L. Iron Works ("Cascade," "Dunbar," "Duval," "Geyser"), Trenton, N. J.
Peck Bros. & Co., New Haven, Conn.
Sanitas Mfg. Co. ("Sanitas"), 105 Washington, Boston, Mass.

801a—Billet Rotating Mechanism

Brown Hoisting Machy. Co., 4403 St. Clair, N. E., Cleveland, O.
Johnston & Jennings Co., Addison & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

802—Billets, Blooms & Slabs (Steel)

See also Ingots, Steel

Allegheny Forging Co. (Billets), Keennan bldg, Pittsburgh, Pa.

American Bridge Co. (Open Hearth Billets & Blooms), 30 Church, New York
American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
American Steel Co. (Jobbers, Blooms, Billets, etc), Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Bessemer, Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co. (Open Hearth Billets, Blooms & Slabs, Brand "Swedoh"), Bridgeport, Conn.
Andrews Steel Co. (Open Hearth Billets, Slabs & Forging Billets), Newport, Ky.
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Steel Co. (Bessemer Steel Billets & Slabs), Ashland, Ky.
Atlantic Steel Co., (Basic Open Hearth Billets), Atlanta, Ga.
Bethlehem Steel Co. (Acid & Basic Open Hearth Billets), South Bethlehem, Pa.
Brier Hill Steel Co., Youngstown, O.
Cambria Steel Co. (Bessemer & Open Hearth), Widener bldg., Phila., Pa.
Carbon Steel Co. (Forging & Nickel Steel Billets, etc), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets & Blooms), Carnegie bldg, Pittsburgh, Pa.
Central Steel Co., Dept. H, Massillon, O.
Colorado Fuel & Iron Co. (Bessemer & Open Hearth Billets & Blooms), Denver, Colo.
Crucible Steel Co. of America (Open Hearth & Bessemer Billets), Oliver bldg, Pittsburgh, Pa.
Dominion Iron & Steel Co., Ltd. (Billets), 15 John, New York
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av., Cleveland, Ohio
See adv index at end of book
Electro Steel Co. (Acid & Basic Open Hearth Billets), Curry bldg, Pittsburgh, Pa.
FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Gulf States Steel Co. (Open Hearth Steel Billets, Blooms & Slabs), Birmingham, Ala.
Hammond Steel Co., Inc., Syracuse, N. Y.
HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth Billets, Slabs & Strips), Herr nr 10th, Harrisburg, Pa.
Harron Spring Co., Milwaukee, Wis.
Hess Steel Corp. (Electric), Loney's la & Biddle, Baltimore, Md.
Horner W. S. & Co. (Also Iron), Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co. (Bessemer & Open Hearth Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Billets, Blooms & Slabs), 1st Nat Bank bldg, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Jessop Wm. & Sons, Inc., 91 John, New York
Jones & Laughlin Steel Co. (Bessemer & Open Hearth Billets, Blooms, Slabs, etc), Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
La Belle Iron Works (Open Hearth Billets, Blooms, etc), Steubenville, O.
Lackawanna Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets, Blooms & Slabs), Buffalo, N. Y.
Laclede Steel Co. (Blooms), Arcade bldg, St. Louis, Mo.
Leavitt C. W. & Co., 34 Church, New York
See adv index at end of book
Llewellyn Iron Works (Billets), 1200H N Main, Los Angeles, Cal.
Logan Iron & Steel Co. (Billets), St. Girard bldg, Philadelphia, Pa.
Lukens Steel Co. (Open Hearth Billets, Slabs, Forging Blanks, etc), Coatesville, Pa.
McInnes Charles E. & Co., Mariner & Mchts. bldg. Phila, Pa.
Mudge Edmund W. & Co. (Steel Bars), Frick bldg, Pittsburgh, Pa.
Pardee C. Works (Open Hearth Billets & Blooms), Perth Amboy, N. J.
Penn Seaboard Steel Co. (Billets & Blooms), Franklin Bank bldg., Philadelphia, Pa.
Pittsburgh Steel Co. (Open Hearth Billets & Blooms), 5th av & Grant, Pittsburgh, Pa.
Republic Iron & Steel Co. (Bessemer & Open Hearth Billets & Blooms), Youngstown, O.
See branch offices alphabetical section
Scott, Sugden & Lamont, Monadnock bldg, San Fransisco, Cal.
Sharon Steel Hoop Co. (Open Hearth Steel Billets), Sharon, Pa.
Tacony Steel Co. (Billets & Blooms Only), Franklin Bank bldg., Phila., Pa.
Taylor N. & G. Co., 300 Chestnut, Phila., Pa.
Tennessee Coal, Iron & R. R. Co. (Open Hearth Billets, Blooms & Slabs), Birmingham, Ala.
Tremont Nail Co. (Forging Billets), W Wareham, Mass.
United Alloy Steel Corp. (Open Hearth & Elec. Alloy Steel Bars, Billets, Blooms & Slabs), Canton, Ohio
Upson Nut Co. (Open Hearth Billets), Cleveland, O.
Vulcan Crucible Steel Co. (Open Hearth), Aliquippa, Pa.
Vulcan Mfg. Co., 1200 4th av, S Seattle, Wash.
Washburn Wire Co. (Billets Only), Phillipsdale, R. I.
Weirton Steel Co., Weirton, W. Va.
Wheeling Steel & Iron Co. (Bessemer Billets, Blooms & Nail Slabs), Wheeling, W. Va.
Whitaker-Glessner Co. (Basic Open Hearth), Portsmouth, O.
WICKWIRE SPENCER STEEL CORP. (Steel Billets), Worcester, Mass.
See adv index at end of book
Wood Alan Iron & Steel Co. ("A.W." Basic Open Hearth Billets, Blooms & Slabs), Widener bldg, Phila., Pa.
Youngstown Sheet & Tube Co. (Bessemer & Open Hearth Billets, Blooms & Slabs), Youngstown, O

803—Billets, Bloom & Slabs (Vanadium Steel)

Allegheny Forging Co. (Billets), Keenan bldg, Pittsburgh, Pa.
Bethlehem Steel Co. (Billets), South Bethlehem, Pa.
Carbon Steel Co. (Billets & Slabs), ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Blooms & Billets), Carnegie bldg., Pittsburgh, Pa.
Carpenter Steel Co. (Billets), Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Billets), Oliver bldg., Pittsburgh, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av., Cleveland, Ohio
See adv index at end of book
Erie Forge Co. (Blooms & Billets & all other kinds of steel), Erie, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Halcomb Steel Co. (Billets), Syracuse, N. Y. *See adv index at end of book*
Hammond Steel Co., Inc., Syracuse, N. Y.
HARRISBURG PIPE & PIPE BENDING CO., Herr nr 10th, Pittsburgh, Pa.
See adv index at end of book
Iron Trade Products Co. (Billets), Farmers Bank bldg, Pittsburgh, Pa.
Penn Seaboard Steel Co. (Billets & Blooms), Franklin Bank bldg., Philadelphia, Pa.
United Alloy Steel Corp. (Blooms, Billets & Slabs), Canton, Ohio
Vanadium Alloys Steel Co. (Billets), Latrobe, Pa.
Vulcan Crucible Steel Co. (Billets), Aliquippa, Pa.

804— Billets (Chrome Steel)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crucible Steel Co. of America, Oliver bldg., Pittsburgh, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

805— Billets (Forging)

Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
Ashland Iron & Mining Co., Ashland, Ky.
Brier Hill Steel Co., Youngstown, O.
Camden Forge Co., Camden, N. J.
Carbon Steel Co. (Open Hearth), ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
Pettis W. W. Co., 416-417 First National Bank bldg, Cincinnati, O.
Phillips, F. R. & Sons Co., n. w. cor. 15th & Chestnut, Philadelphia, Pa.
Prosser Thos. D. Co. (Open Hearth), Wheeling, W. Va.
Southern California Iron & Steel Co., E 4th & Mateo, Los Angeles, Cal.
Standard Steel & Wire Co., 549 West Washington blvd, Chicago, Ill.
Taylor N. & G. Co., Mariner & Merchant bldg., Philadelphia, Pa.

806—Billets (Manganese Bronze)

American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.

807— Billets (Nickel Steel)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Blancke A. C. & Co., 602 W. Lake, Chicago, Ill.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of Amer., Oliver bldg., Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
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Electric Steel & Forge Co., 6608 Grant av., Cleveland, Ohio
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
HARRISBURG PIPE & PIPE BENDING CO., Kerr nr 10th, Harrisburg, Pa.
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
United Alloy Steel Corp., Canton, O.

807a— *Billets (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

808— Billets & Slabs (Iron)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
See adv index at end of book
Whitaker-Glessner Co., Portsmouth, O.

809—Billiard Table Beds (Slate)

American Slate Co., Easton, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Durick, Keenan & Co., Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Keenan Structural Slate Co., Bangor, Pa.
O'Day Bros., Hydeville, Vt.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Slate Co., Dept. H, Wind Gap, Pa.
Slatington Slate Co., Slatington, Pa.
STRUCTURAL SLATE CO., Pen Argyl, Pa.

810— Billies (Policemen's)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*

Binders

See Harvesters, Various Kinds; also Subclassifications Following

Binders (Core)

See Compounds, Core

811— Binders (Corn)

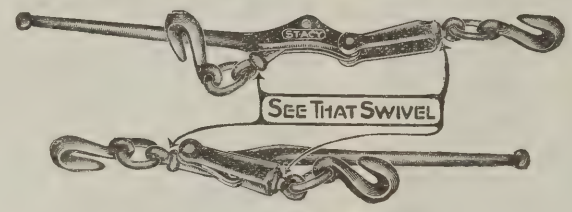
Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Deere John Harvester Works (also Grain), East Moline, Ill.
Emerson Brantingham Co. ("E. B. Osborne"), Rockford, Ill.
International Harvester Company of America (Inc.) (Deering—McCormick—Milwaukee — Osborne), Harvester bldg, Chicago, Ill.
Massey-Harris Harvester Co. ("Johnston"), Batavia, New York
Moline Plow Co. ("Adriance"), Moline, Ill.
Wood Walter A. Mowing & R. Mach. Co. ("New Century"), Hoosick Falls, N. Y.

812— Binders (Load)

Advance Car Mover Co., Appleton, Wis.
American Logging Tool Co. ("Benjamin"), Evart, Mich.
Goodyear A. B. ("Goodyear"), Bloomdale, O.
Norris Bros., Robinson, Ill.
Ransome Concrete Machinery Co. ("Oshkosh" Log or Load Binders), Dunellen, N. J.

For location of branch offices see the INDEX TO ADVERTISERS at the end of the book

Stacy Swivel Load Binder



From the illustration it can be seen that there is a swivel just below each hook on the Stacy Swivel Load Binder. The reason swivels are necessary is that when the chain is thrown over the load, it frequently becomes twisted. The swivel accommodates this and prevents breaking. The breaking strain of all parts of the tool is guaranteed greater than the bending strain of the handle. The combination will break any ordinary log chain.

Made in two sizes, Regular, and Jumbo.

EUGENE C. STACY .·. Tiffin, Ohio

BINDERS (LOAD)—continued

STACY, EUGENE C. ("Stacy" & "Jumbo" Log or Lumber), Tiffin, Ohio
See adv index at end of book

813— Binders (Loose Leaf)

Elbe File & Binder Co., 97 Reade, New York
Heinn Co. ("Badger" Catalog), 354H Florida, Milwaukee, Wis.
McBee Binder Co., Athens, O.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio *See adv index at end of book*
Sheppard C. E. Co., Spring & Hudson, New York
Sieber Products Mfg. Co., 4000-4006 Laclede av., St. Louis, Mo.
Stimpson Edwin B. Co. (Binders & Posts For), 852 Kent av, Brooklyn, N. Y.

813a— *Binders (Prong)

Heinn Co. ("Badger" Catalog), 354H Florida, Milwaukee, Wis.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio. *See adv index at end of book*

814— Binders (Rice)

International Harvester Company of America (Inc.), (Deering — McCormick), Harvester bldg, Chicago, Ill.

814a— *Binders (Ring)

Heinn Co. ("Badger" Catalog), 354H Florida, Milwaukee, Wis.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio. *See adv index at end of book*

815— Binding (Carpet)

Knapp Rubber Binding Co. (Rubber), 31 E 17th, New York
Painesville Metallic Binding Co., Painesville, O.
Phoenix Trimming Co., 2008H N. Racine av., Chicago, Ill.

815a—Binding (Oil Cloth, Etc.)

Gould's M. Son & Co. (Metallic), 115 Lafayette, Newark, N. J.
Judd H. L. Co. (Metallic), 87 Chambers, New York
Painesville Metallic Binding Co. (Metallic), Painesville, O.
Zenite Metal Co., Indianapolis, Ind.

816—Binding & Gimps (Automobile & Furniture)

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Bailey G. W. Co. (Imitation Leather Gimps), Brockton, Mass.
Bancroft Textile Co. (Cotton Bindings), Worcester, Mass.
Bauer Bros. Mfg. Co. (Leather Bindings), Richmond & Carr, Cincinnati, Ohio
Brooks Geo. & Son Co. (Upholstery), 5428 Wyalusing, Phila., Pa.
Casey Mfg. Co. (Imitation Leather Bindings), 216 Monroe av, Detroit, Mich.
Cleveland Tanning Co. (Leather Welts, Gimps), Denison av & B. & O. R. R., Cleveland, O.
Eastlake Mfg. Co. (Cotton), Adams av & Leiper, Philadelphia, Pa.
Eifert Henry F. (Leather), 42 Union sq, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horstmann Wm. H. Co. (Silk), 5th & Cherry, Phila., Pa.
Novelty Yarn Co., 2304 Waterloo, Phila., Pa.
Painesville Metallic Binding Co. (Metallic Binding & Stuff Plates), Painesville, O.
Stark Textile Co. (Silk Furniture Gimps), Valatie, N. Y.
Unger Wm. & Bro. (Silk), 496 Broadway, New York
United States Trimming Co. (Silk), 1410 N. 6th, Phila., Pa.
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Woodward & Cochey (Leather Gimps & Welting), Lynn, Mass.
Wright S. D. & Co. (Furniture), 1017 N Front, Phila., Pa.

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Ritchie E. S. & Sons, Brookline, Mass.
Sherman Eugene M. (Metal & Wood), Bellevilie, Wash.

818— Binoculars

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Bausch & Lomb Optical Co., Rochester, N. Y.
Goerz C. P. American Optical Co. ("Triedler"), 317 E 34th, New York
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Leitz Ernest, 30 E 18th, New York
Spencer Optical Co. (Imp "Audemair"), 8 Maiden lane, New York

818a— Bins (Concrete)

Intermountain Concrete Co. (Grain), Dept. H, Ogden, Utah

819— Bins (Nail)

Eclipse Mfg. Co., Wellston, O.
Warren J. D. Mfg. Co., 159 N State Chicago, Ill.

819a— *Bins (Portable Stone)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

820— Bins (Steel)

Coal, Coke, Grain, Cement, Ore, Etc

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Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
Bushnell Tank Works (Grain), Bushnell, Ill.
Butler Mfg. Co. ("B.M.C." Portable, "Butler" ,"Combination," Grain), Kansas City, Mo.
Canton Art Metal Co., Canton, O.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Columbian Steel Tank Co., New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Duluth Corrugating & Roofing Co. (Corrugated Grain), Duluth, Minn.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Fouts C. C. Co. ("Duro" Grain), 650 Woodlawn av, Middletown, O.
GENERAL FIREPROOFING CO., Youngstown, O *See adv index at end of book*
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Hauserman E. F. Co., Cleveland, O.
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Iron Crib & Bin Co. ("The Wayne" Grain) Wooster, O.
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Kansas City Structural Steel Co., Kansas City, Mo.
Kelly Foundry & Machine Co. (Grain), Goshen, Ind.
Kensington Structural Steel Co., Dept. H, Venango & G, Philaedlphia, Pa.
Koven L. O. & Bro. (Grain, Coal, etc), 154 Ogden av, Jersey City, N. J.
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Lakeside Bridge & Steel Co., 402 Villard av., North Milwaukee, Wis.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
MARTIN STEEL PRODUCTS CO. ("Grain-Saver" Grain Bin), Mansfield, Ohio
McKee, Arthur G. & Co. ("Baker" Suspension Storage), 2422 Euclid av., Cleveland, Ohio
McNamara Bros. Co., Westport Baltimore, Md.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
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New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
North Dakota Metal Culvert Co. (Grain, Portable & Sectional), Fargo, N. D.
Pennsylvania Engineering Works (Coke & Ore), New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
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Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Republic Structural Iron Works Division, 1350E 53d, Cleveland, Ohio
Rock Island Bridge & Iron Works, Rock Island, Ill.
SCAIFE WM. B. & SONS CO. (Coal, Coke, Ore, etc), First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*
Steelite Co., 1902 W. 77th, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Treadwell Construction Co (Cement, Ore, etc., Midland, Pa.
See adv index at end of book
United Iron Works, Inc. (Coal, Ore, etc.), Kansas City, Mo.
Worthington Pump & Mach'y Corp. (Cement), 115 B'way, New York
See adv index at end of book

821— Bins (Steel Factory)

Allsteelequip Co., Aurora, Ill.
Berger Mfg. Co., Canton, O.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Connery & Co., Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Darby Edw. & Sons Co., 412 N. 18th, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
Lupton's David Sons Co., Allegheny av. & Tulip, Philadelphia, Pa.
Lyon Metallic Mfg. Co., Aurora, Ill.
Manufacturing, Equipment & Eng. Co. ("Meeco"), Framingham, Mass.

PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
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Shawmut Iron & Wire Works ("Shawmut" System of Steel & Wire Grille Bins), Everett, Mass.
Steelite Co., 1902 W. 77th, Cleveland, O.
Terrell's Equipment Co., Grand Rapids, Mich.

821a— Bins (Stone)

American Road Machine Co., Com'rcl Tr. bldg., Phila., Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York

822— Biscuits (Dog)

Austin Dog Bread & Animal Food Co., Chelsea, Mass.
Marx M F. Mfg. Co. ("Ideal"), Louisville, Ky.
Potter & Wrightington, Board of Trade bldg, Boston, Mass.
Spratts Patent (Ltd.), 14 Congress, Newark, N. J.

823— Bismarck Brown

Dicks, David Co., Inc., Varick & N Moore, New York
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Metz H. A. & Co., Inc., 122 Hudson, New York
Miller & Moran, 154 Nassau, New York
National Gum & Mica Co., 59th & 11th av, New York

824— Bismuth

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Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
McKesson & Robbins (Imp.), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merchant & Evans Co. (Metal), Washington av & 21st, Philadelphia, Pa.
New York Quinine & Chemical Works, 135 William, New York
Pfizer Chas. & Co. (Subnitrate, Subgallate, Subcarbonate, etc), 81 Maiden la, New York
Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.
Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.
United Smelting & Aluminum Co., Inc. (Jobbers), 183-189 Commerce, New Haven, Conn.
United States Metals Refining Co., 61 B'way, New York
U. S. Smelting Refining & Mining Co. (Producers), 55 Congress, Boston, Mass.

824a— Bismuth Nitrate

Squibb E. R. & Sons, 78 Beekman, New York

824b— Bismuth Oxides

Mackay A. D., 130 Pearl, New York

824c— Bismuth Salts

Merck & Co., 45 Park pl, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Pfizer Chas. & Co., Inc., 81 Maiden la., New York

824d— Bismuth Subcardonate

Great American Chemical Products Co., 23 Liberty, New York

824e— Bismuth Subgallate

Great American Chemical Products Co., 23 Liberty, New York

824f— Bismuth Subnitrate

Great American Chemical Products Co., 23 Liberty, New York
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Smith, Kline & French Co., Phila., Pa.
Merck & Co., 45 Park pl, New York
New York Quinine & Chemical Works, Ltd., 114 William, New York
Pfizer Chas. & Co., Inc., 81 Maiden la., New York
Squibb E. R. & Sons, 78 Beekman, New York

824g— Bismuth Subsalicylate

Great American Chemical Products Co., 23 Liberty, New York

Bisulphate of Soda

See Sodium Bisulphate

Bisulphide of Carbon

See Carbon Bi-Sulphide

825— Bisulphite of Soda

Avery Chemical Co., 88 Broad, Boston, Mass.
Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
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Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co. (Powdered & Liquid), 148 State, Boston, Mass.
Sergeant, E. M. Co., 15 E. 26th, New York
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Williamson D. D. & Co., 85H Fulton, New York

826— Bit Braces

Atkins E. C. & Co., Indianapolis, Ind.
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Star Bit & Tool Co., Rockford, Ill.
Turner & Deegan ("Barbers" Grip Sleeve, Ball, Ratchet, etc), Bristol, Conn.
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Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

827— Bit Stocks (Angular)

Forest City Bit & Tool Co., Rockford, Ill.
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Goodell-Pratt Co. ("Goodell Tool Co.," Universal), Greenfield, Mass.
Lancaster Machine & Knife Works, Lancaster, N. Y.
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Millers Falls Co. ("Universal'), Mass.

828— Bits (Auger)

Connecticut Valley Mfg. Co. ("Wright's Jenning's"), Centerbrook, Conn.
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Forest City Bit & Tool Co., Rockford, Ill.
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Hardisty & Co., Garland Linwood, Cincinnati, O.
Irwin Auger Bit Co., Wilmington, O.
Ives W. A. Mfg. Co. ("Mephisto," "Irwin Pattern," "Conn. Mfg. Co," "Utility"), Wallingford, Conn.
Jackson Mfg. Co. ("Irwin" Pattern), Jackson, O.
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Jennings-Russell Mfg. Co., Chester, Conn.
Lebanon Machine Co. ("Z") Lebanon, N. H.
Millers Falls Co., Millers Falls, Mass.
Moore Bros., Jamestown, N. Y.
New Haven Copper Co., Seymour, Conn.
PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn.
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Progressive Mfg. Co. ("Forstner"), Torrington, Conn.
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Rockford Bit Co., Kokomo, Ind.
Slack S. Alex. (Hand Made), Oxford, Pa.
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Thayer Mfg. Co., Williamsburg, Mass.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*
Williams & Wells Co. (Ship), 253 Fulton New York *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Woodworkers Tool Works, 222 S Jefferson, Chicago, Ill.

829— Bits (Auger, Special)

Adams A. L. ("Forstner Pat'n"), Bridgeport, Conn.

Bits (Bell Hangers')

See Drills & Bits, Electricians'

830— Bits (Bridle)

See also Hardware Manufacturers, Saddlery
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Upton & Gilman Machine Co. ("Huntoon," Safety), Lowell, Mass.
Van Arsdale Wm. ("Success"), Racine, Wis.

831— Bits (Core)

Am. Safety Lamp & Mine Supply Co., Scranton, Pa.

Bits (Countersink)

See Countersinks

Bits (Dowel)

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Bits (Electricians')

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832— Bits (Expansive)

Brown R. H. & Co. ("Clark's"), New Haven, Conn.
Conn. Valley Mfg. Co. ("Clark"), Centerbrook, Conn.
Crescent Co., Inc. ("Crescent"), Meriden, Conn.
Fray John S. Co., Bridgeport, Conn.
Ives W. A. Mfg. Co. ("Mephisto," "Clark Pattern"), Wallingford, Conn.
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Kilborn & Bishop Co. ("Lavigne" Patent), 194 Chapel, New Haven, Conn.
PECK, STOW & WILCOX CO. ("Pexto," "Samson" Patent), Southington, Cann.
See adv index at end of book
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 H. B'way, New York, 130 H. Coit, Irvington, N. J.
See adv index at end of book
Superior Mfg. Co. ("Clark"), Gloucester, Mass.
Swan James Co ("Clark's," "Swan's"), Seymour, Conn.
Yonts C. H. & Co., Meadville, Pa.

833— Bits (Gimlet)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Baker Cutlery & Hardware Co., 101 Duane, New York
Connecticut Valley Mfg. Co., Centerbrook, Conn.
Deuse J. S. (German, Double Cut Bits & Gimlets, Bell Hangers, etc), Chester, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. ("Jennings'," "Clark's" & "Blake" Double Cut, German, etc), 71 Murray, New York
Mayhew H H. Co., Shelburne Falls, Mass.
Snell Mfg. Co., Fiskdale, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Swan Jas. Co. (German), Seymour, Conn.

834—Bits (Hollow Chisel & Router)

Forest City Bit & Tool Co., Rockford, Ill.
Irwin Auger Bit Co., Wilmington, O.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Star Bit & Tool Co., Rockford, Ill.

Bits (Horse)

See Bits, Bridle; also Hardware Manufacturers, Saddlery

835— Bits (Hub Boring)

DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Forest City Bit & Tool Co., Rockford, Ill.
Irwin Auger Bit Co., Wilmington, O.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Star Bit & Tool Co., Rockford, Ill.

836—Bits (Machine, Mining)

Beall Bros., Alton, Ill.
Buettner-Shelburne Machine Co., Terre Haute, Ind.
Fulton Tool Works ("Fulton"), Canal, Fulton, O.
Hardsoeg Martin Co. (Tool Steel), 922 So av, N S, Pittsburgh, Pa.
Hughes Tool Co. (Rotary), Houston, Texas
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Leetonia Tool Co., The, Leetonia, Ohio
See adv index at end of book
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Turner C. A., 3rd & Chauncery, Pittsburgh, Pa.
United Iron Works, Kansas City, Kan.
What Cheer Tool Co. (Machine Chain Cutter, Bits, etc), What Cheer, Ia.

837— Bits (Machine, Wood)

Bertels, W. B. & Son Co., Inc. (Coffee, Tea), Wilkes-Barre, Pa.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Connecticut Valley Mfg. Co., Centerbrook, Conn.
DETROIT TWIST DRILL CO. (Straight Shank, etc.), 555 Fort, Detroit, Mich.
See adv index at end of book
Forest City Bit & Tool Co. ("Forest City," Wood Boring), Rockford, Ill.
Greenlee Bros. & Co., Rockford, Ill.
Hardisty & Co., Garland Linwood, Cincinnati, O.
Irwin Auger Bit Co., Wilmington, O.
Jackson Mfg. Co., Jackson, O.
Jennings Russell Mfg. Co., Chester, Conn.
Lincoln Twist Drill Co., Taunton, Mass.
Mayhew H. H. Co., Shelburne Falls, Mass.
New Process Twist Drill Co., Taunton, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
PUGH, JOB T. ("Black Twist"), 3101 Ludlow, Philadelphia, Pa.
Rockford Bit Co., Kokomo, Ind.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.
Star Bit & Tool Co. (Screw Shank), Rockford, Ill.
Swan Jas. Co. ("Jennings'," Pattern), Seymour, Conn.
Union Twist Drill Co. (Taper Length, "Morse" Taper Shanks, Straight "Prentice" Shanks), Athol, Mass.
Wood Morris & Son (Loose Centre), 5108 W Lake, Chicago, Ill.

837a— Bits (Mortising)

Clarkson Mfg. Co., Lancaster & Dallas, Baltimore, Md.
Grand Rapids Hardware Co. (Sash Pulley), Grand Rapids, Mich.

838— Bits (Pod)

Mayhew H. H. Co., Shelburne Falls, Mass.

839— Bits (Rail Drilling)

Buda Co., Railway Exch. bldg, Chicago, Ill.

Bits (Reamer)

See Reamers, Bit Brace

840-1— Bits (Screw Driver)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown R. H. & Co., New Haven, Conn.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*
Conn. Valley Mfg. Co., Centerbrook, Conn.
Crescent Co., Inc. ("Crescent"), Meriden, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
See adv index at end of book
Deuse J. S., Chester, Conn.
Fray John S. Co. ("Fray's" Hollow Handle Screw Driver Sets), Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Irwin Auger Bit Co., Wilmington, O.
Jackson Mfg. Co., Jackson, O.
Jennings C. E. & Co. ("C. E. J. & Co.'s" "Hinsdale," "Blake"), 71 Murray, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Fray & Clark ("H. & B." Cast Steel), New Britain, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Plomb Tool Mfg. Co., 2209 Av Santa Fe, Los Angeles, Cal.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 H. B'way, New York, 130 H. Coit, Irvington, N. J.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Handy" for Tap Wrenches or Bit Braces), West Haven, Conn.

842— Bits (Tapping)

Pugh John T., 31 & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Swan James Co., Seymour, Conn.

843— Bits (Tong)

Hough Chas. N. Mfg. Co. ("Klein," "Lay," "Crumble," "Jumbo" Patterns), Franklin, Pa.

844— Bits (Tool Holder)

Atlas Engng. Co., Lincoln, N. J.

Bits (Wood Boring)

See Bits, Machine, Wood

844a— Bitts & Bollards

Am. Engng. Co. (Tawing Bitts), Aramingo & Cumberland, Phila., Pa.
Hyde Windless Co. (Bitts), Bath, Me.
Marine Mfg. & Supply Co. (Bollards), 158 South, New York
Thacher Propeller & Foundry Corp., Albany, N. Y.

845— Bitumen Importers

Lamson John S. & Bro., 347 Madison av, New York

846— *Blackboard Signs

Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio. *See adv index at end of book*

847—Blackboard Surfacing Material

Acme White Lead & Color Works, St. Aubin & M C R R, Detroit, Mich.
American Soapstone Finish Co. ("Dodge"), Chester Depot, Vt.
Burdsal A. Co., Indianapolis, Ind.
Caxton School Supply Co., 560 W. Monroe, Chicago, Ill.
Devoe & Raynolds Co., Inc. ("Harvard"), 101 Fulton, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Hammett J. L. Co., Kendall sq., Cambridge, Mass.
See adv index at end of book
Lawrence W. W. & Co., Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
N. Y. Silicate Book Slate Co., 20 Vesey, New York

848—Blackboards (Composition)

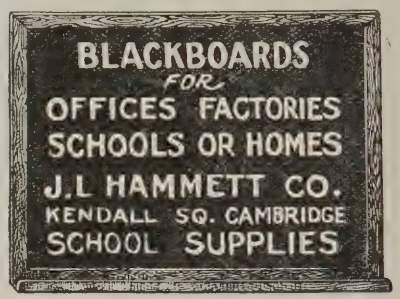
Atlas School Supply Co. ("Kraoplate"), 531 S. Peoria, Chicago, Ill.
Beckley Cardy Co. ("Beckley's" Artificial Slate), 312 W Randolph, Chicago, Ill.
Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
Hammett, J. L. Co. ("Hyloplate"), Kendall sq, Cambridge, Mass.
See adv index at end of book
Rowles, E. W. A. Co. ("Permoroc" "Duroplate"), 2345 S. La Salle, Chicago, Ill.

849— Blackboards (Silicate)

New York Silicate Book Slate Co., 24 Vesey, New York
Rowles, E. W. A. Co. ("Permoroc Duroplate"), 2345 S. La Salle, Chicago, Ill.

850— Blackboards (Slate)

Albion Bangor Slate Co. Wind Gap, Pa.
Allen Blaisdell Co., 12 Pearl, Boston, Mass.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Carbon Slate Co. (Rough), Slatington, Pa.
Caxton School Supply Co. ("Lithoplate"), 560 W Monroe, Chicago, Ill.
Columbus Slate Co., New Hayden bldg, Columbus, O.
Crown Slate Co., Pen Argyl, Pa.
Excelsior Slate Co., Pen Argyl, Pa.
Genuine Washington Slate Co., Slatington, Pa.
Hahn Granville, Walnutport, Pa.
Hammett J. L. Co. ("Hyloplate"), Kendall sq, Cambridge, Mass.
See adv index at end of book



Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
KNICKERBOCKER SLATE CORP., 153 E. 38th, New York
Lobb, Parry & Co., Danielsville, Pa.
Monarch Black Board Structural Slate Co., Slatington, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
National School Slate Co., Slatington, Pa.
Natural Slate Blackboard Co., Pen Argyl, Pa. *See adv index at end of book*



Pyramid Brand
for
PERMANENCY

NATURAL SLATE
BLACKBOARD COMPANY
Pen Argyl, Penna.

New York Silicate Book Slate Co. ("Silicate"), 24 Vesey, New York
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penna. Slate Co., (Rough), Slatington, Pa.
Penna. Structural Slate Co., Drake bldg, Easton, Pa.
Phoenix Slate Co., Windgap, Pa.
Rowles, E. W. A. Co. ("Permoroc" "Duroplate"), 2345 S. La Salle, Chicago, Ill.
Sieger & Son Mfg. Co., Slatington, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Structural Slate Co., Slatington, Pa.
Superior Slate Co., Inc. ("Bangor Black"), Allentown, Pa.
Tinsman M. L. & Co., Pen Argyl, Pa.
Unger John F. Slate Co., Slatington, Pa.
Weber, C. F. & Co., 985H Market, San Francisco, Cal.
Woodley Slate Co., Bangor, Pa.

851— Black Hypo

Katzenbach & Bullock Co., 100 William, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York

852— Black Iron

Eastwood Chemical Co. (For Silk Dyeing), Belleville, N. J.

853— *Black Lead

See also Graphite Miners & Refiners

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

854-5—Black Plates for Tinning

American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
Canonsburg Steel & Iron Works, Canonsburg, Pa.
Carnahan Tin Plate & Sheet Co., Canton, Ohio

Follansbee Bros. Co. (Open Hearth), 3rd & Liberty, Pittsburgh, Pa.
Griffiths Charcoal Iron Mills, Washington, Pa.
Lalance & Grosjean Mfg. Co. (All Consumed by the Company), 299 Broadway, New York
McKeesport Tin Plate Co., McKeesport, Pa.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Corrugating Co., Warren, O.
Standard Tin Plate Co., Canonsburg, Pa.
Taylor N. & G. Co., 300 Chestnut, Phila., Pa.
Washington Tin Plate Co., Washington, Pa.
Weirton Steel Co. (Also Long Sheets), Weirton, W. Va.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Whitaker-Glessner Co., Wheeling, W. Va.

Blacking (Harness Oil)

See Dressing, Carriage Top, Harness,etc

856— Blacking (Leather)

See also Shoe Blacking and Polishes
Eastwood Chemical Co. (For Tanneries), Belleville, N. J.
Miller Frank Co., 349 W 26th, New York

Blacking (Shoe)

See Shoe Blacking & Polishes

Blacking (Stove)

See Stove Polish

Blacksmiths' Supplies

Consult Index of Contents for specific Article desired

857-8— Bladders (Rubber)

Goodrich B. F. Co. (Foot Ball, etc)., Akron, O.
Seamless Rubber Co. (Striking Bag), New Haven, Conn.
Tyer Rubber Co. (Foot Ball, Basket Ball, Striking Bag, etc), Andover, Mass.

859—Blades (Cloth Cutting Machine)

Emrich Phil (Circular, Rotary, Straight & Serrated Edge), 824 Main, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

859a—*Blades (Fan, Electric Ceiling)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Watson Mfg. Co., Jamestown, N. Y.

860— Blades (Fan, Metal)

Bossert Corp., (The), cor Linden & West av, Utica, N. Y.
Oakes Co. (Electric), Indianapolis, Ind.
Torrington Mfg. Co., Torrington, Conn.

861— Blades (Fan, Wood)

Burlington Venetian Blind Co., Burlington, Vt.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Phoenix Sliding Blind Co., Phoenix, N. Y.
Requarth F. A. Co., Dayton, O.
Watson Mfg. Co., Jamestown, N. Y.

861a— Blades (Fountain)

SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*

Blades (Hack Saw)

See Saw Blades & Frames, Hack

862— Blades (Lawn Mower)

Rossell Henry (Welded Iron & Steel), 24 S Jefferson, Chicago, Ill.

863— Blades (Metal Shear)

See also Knives, Machine
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Cleveland Steel Tool Co. (Hand & Power), 660 E 82nd, Cleveland, O.
Detroit Edge Tool Works, 740 E Woodbridge, Detroit, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J., Knife Works, Beloit, Wis.
Hankey & Co., Rochdale, Mass.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Pittsburgh Knife & Forge Co. (Large Shears Only), Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Saw & Mfg. Co., 32nd & Smallman, Pittsburgh, Pa.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

864— Blades (Rolling Coulter)

Galesburg Coulter Disc Co., Galesburg, Ill.

865— Blades (Safety Razor)

See also Razors Mfrs., Safety
Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
Crescent Mfg. Co., Fremont, Ohio.
Malkenthin Mfg. Co., Bloomfield, N. J.

865a—Blades (Semaphore Signal)

A. G A Railway Light & Signal Co, Elizabeth, N J.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Signal Accessories Corp. ("Saco"), Utica, N. Y.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

866—Blades (Shoe Cutters' Extension)

Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co., Southbridge, Mass.

867—Blades (Squaring Shear)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
Emrich Phil., 824 Main, Cincinnati, O.

867a—Blades (Tongue Depressor)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

868— Blanc Fixe

Brewer & Co., Worcester, Mass.
Commercial Chemical Co. (Powdered Redried), Ludington bldg, Chicago, Ill.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Lithopone, Dry Color & Pigments Sec., Wilmington, Del. *See adv index at end of book*
Durex Chemical Corp., 320 5th av, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Marden, Orth & Hastings Co., 136 Liberty, New York
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Providence Drysalters Co., East Greenwich, R. I.
Reichard-Coulston Co. (Imp), 303 5th av., New York
Uhlich Paul & Co. (Imported and Domestic), 11 Cliff, New York
Vanderbilt R. T. Co., 50 E 42d, New York
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Whittaker, Clark & Daniels, Inc., 250 Front, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

869— Blanchers (Peanut)

See also Peanut Machinery
Lambert Machine Co., Marshall, Mich.
McLean Jno., Lockport, N. Y.

870— Blankets (Cotton)

Beacon Mfg. Co., New Bedford, Mass.
Boston Duck Co., Bondsville, Mass.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Esmond Mills, Esmond, R. I.
Manetta Mills, Lando, S. C.
Nashua Mfg. Co., Nashua, N. H.
Old Colony Mfg. Co., Taunton, Mass.
Tremont & Suffolk Mills, Lowell, Mass.
Whittenton Mfg. Co., Taunton Mass.

871— Blankets (Felt)

Albany Felt Co., Albany, N. Y.
Best Edw. H. & Co. (Machy), 222 Purchase, Boston, Mass.
Huyck, F. C. & Sons ("Kenwood"), Albany, N. Y.
New England Fibre Blanket Co., Worcester, Mass.
Orr Felt & Blanket Co., Piqua, Ohio
Waterbury Felt Co., Skaneateles Falls, N. Y.

872—Blankets (Horse & Cattle)

Ashworth's J. E. Sons, West Brookville, N. Y.
Ayres Wm. & Sons, 3rd & Cumberland, Phila., Pa.
Beckman N. O. Co., Fulton rd, N W, Cleveland, O.
Burlington Blanket Co. ("Stay On"), Burlington, Wis.
Candor Blanket Co., Candor, N. Y.
Chase L. C. & Co. (Horse Clothing & Cow Covers), 89 Franklin, Boston, Mass. *See adv index at end of book*
Clark Mfg. Co., West Newton, Mass.
Freeland Mfg. Co., Freeland & Walnut la, Phila., Pa.
Hubbell J. L. ("Navajo"), Ganado, Ariz.
Hygienic Blanket Mills, Hubbardston, Mass.
Kelly Thos. & Co. ("Burleigh"), 89 Chauncy, Boston, Mass.
Langstroth T. W., 77 Warren, New York
Mianus Mfg. Co. (Plush), Coscob, Conn.
Monadnock Blanket Mills, Marlboro, N. H.
Oregon City Mfg. Co., Oregon City, Ore.
Ray Fabric Mills, Franklin, Mass.
Riley Wm. B. & Co., 238 Chestnut, Phila., Pa.
Rockfall Woolen Co., Middletown, Conn.
Sanford Mills (Plush Horse), Sanford, Me.
Semple Mfg. Co. (Saddle Girths), Louisville, Ky.
Springfield Blanket Co., Holyoke, Mass.
Stafford's Jas. Sons, Kram's av, Phila., Pa.
Troy Blanket Mills, Troy, N. H.
Valley Woolen Mills, Marlboro, N. H.
Wallace & Smith Co., La Porte, Ind.
Waterbury H. & Sons Co., Oriskany, N. Y.

873— Blankets (Mining)

Hygienic Blanket Mills, Hubbardston, Mass.

873a— Blankets (Paper)

Andrews R. P. Paper Co., 727 13th, N W, Washington, D. C.
Bond B. F. Paper Co., 33 S Hanover, Baltimore, Md.
Garrett Sylvester, S. & Co., 259 S 3rd, Phila., Pa.
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.
Negargee Bros., Scranton, Pa.
Stone & Forsyth Co., 67 Kingston, Boston, Mass.

874—Blankets (Printers' & Lithographers')

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hodgman Rubber Co., 8 W. 40th, New York
Kush Gustave, 3 Park row, New York
New England Fibre Blanket Co. (Fibre, Rubber, Felt, Oiled, etc), Worcester, Mass.
Noone's Joseph Sons Co. (Woolen), Peterboro, N. H.
Revere Rubber Co., Chelsea, Mass.
United States Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

875—Blankets (Rubber Hospital)

Athol Mfg. Co., Athol, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Hodgman Rubber Co., 8 W. 40th, New York
Republic Rubber Co., Youngstown, Ohio
Republic Rubber Corp., Dept. H, Youngstown, Ohio
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

876-7— Blankets (Woolen)

Alpena Woolen Mills, Alpena, Mich.
Alpine Woolen Mills, Mount Airy, N. C.
Amana Society, Amana, Ia.
American Kersey Co., Litchfield, Minn.
American Woolen Co., 245 State, Boston, Mass.
Apollo Woolen Mills (Bed), Apollo, Pa.
Barnesville Mfg. Co., Barnesville, W. Va.
Barron Woolen Mill Co., Barron, Wis.
Birdsall Bros. Co., Honesdale, Pa.
Blue J. J. & Son, Ettrick, Wis.
Bridgewater Mfg. Co., Bridgewater, Va.
Brooksville Woolen Mill, Brooksville, Me.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brunger S. & Co., Sullivan, Ind.
Buell Mfg. Co. (Also Indian Robes), St. Joseph, Mo.
Burroughs & Taylor Co., Cave, Tenn.
Byfield Woolen Co. (Bed), Byfield, Mass.
California Woolen Mfg. Co., California, Mo.
Campbellsville Mfg. Co., Campbellsville, Ky.
Capps J. & Sons (Ltd.), (Indian Robes), Jacksonville, Ill.
Cedarburg Woolen Mills, Cedarburg, Wis.
Chatham Mfg. Co., Elkin, N. C.
Chippewa Falls Woolen Mills, Chippewa Falls, Wis.
Cleveland Woolen Mills Co., Dresden, O.
Columbia Mills, Lewiston, Me.
Cordaville Woolen Co. (Bed), Cordaville, Mass.
Covington Woolen Mills, Covington, O.
Craigsville Woolen Mfg. Co., Craigsville, Pa.
Dobson J. & J., Falls Schuylkill, Phila., Pa.
Dresden Woolen Mills, Dresden, O.
Ellsworth Woolen Mill, Ellsworth, Me.
Erskine Alex., 4th & Somerset, Phila., Pa.
Eugene Woolen Mill Co., Eugene, Ore.
Fairbault Woolen Mill Co., Fairbault, Minn.
Fields Mfg. Co., Mouth of Wilson, Va.
Freeland Mfg. Co., Freeland av & Walnut la, Phila., Pa.
Gibboney A. R. & Co. (Bed), Reedsville, Pa.

BLANKETS (WOOLEN)—continued
Goodwin C. E. & Sons, Cumberland Gap, Tenn.
Gordon, Wm. M. & Son, Galax, Va.
Graff P. & Co., Worthington, Pa.
Green River Woolen Mills, Phil., Ky.
Heathcote S. E. & Co., Glen Rock, Pa.
Heijkes E. K., York Springs, Pa.
Hey Richard & Son, Main blk, Walnut la, Phila., Pa.
Hinsdale Woolen Mills, Hinsdale, Mass.
Hollywood Mfg. Co., Hollywood, W. Va.
Houlton Woolen Mill, Houlton, Me.
Huyck F. C. & Sons ("Kenwood"), Albany, N. Y.
Hygienic Blanket Mills (Horse, Carriage, Mining, Institution, Saddle, etc), Hubbardston, Mass.
Imperial Woolen Co., Main & Rector, Phila., Pa.
Kennedy D. & Sons, Monticello, Wis.
Kent Mfg. Co., Clifton Heights, Pa.
Kismensi Woolen Co., Stanton, Del.
Knight Woolen Mills, Provo, Utah
Kuenzel Mills Co. (Bed), New Bremen, Ohio
Lancaster A. & Co., Chester, N. J.
Langville Woolen Mills, Langville, Pa.
Lebanon Woolen Mills, Lebanon, Tenn.
Liebhardt William L. & Co., Middletown, Ind.
McAnespie J. & Co., Lancaster, O.
McGee Mfg. Co., Greenville, S. C.
Monadnock Blanket Mills (Horse & Camp Blankets), Marlboro, N. H.
Muncy Woolen Mills Co. (All Wool & Cotton Warp White & Colored Bed Blankets), Muncy, Pa.
Nashua Woolen Mills, Nashua, Ia.
Newichawanick Co., South Berwick, Me.
North Star Woolen Mill Co., 228 S 2d, Minneapolis, Minn.
Olney Woolen Mills, Cherry Valley, Mass.
Oregon City Mfg. Co. (Indian Robes), Oregon City, Ore.
Orr Felt & Blanket Co. (Bed), Piqua, O.
Patrick F. A. & Co., Duluth, Minn.
Pearce Mfg. Co. (Bed), Latrobe, Pa.
Pendleton Woolen Mills (Also Indian Robes), Pendleton, Ore.
Portland Woolen Mills, Portland, O.
Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
Racine Woolen Mills, Racine, Wis.
St. Mary's Woolen Mfg. Co. (Fine Bed), St. Mary's, O.
Schaeffer J. M., Sandy Lake, Pa.
Schofield J. & Son, Madison, Ind.
Settle T. F., Scottsville, Ky.
Seymour Woolen Mills, Seymour, Ind.
Shuler & Benninghofen (All Wool & Cotton Warp, also Indian Robes), Hamilton, O.
Spangler W. H., Fitzpatrick, W. Va.
Springfield Blanket Co. (Bed & Horse), Holyoke, Mass.
Springfield Woolen Mills Co. (Bed), Springfield, Tenn.
Stafford's Jas. Sons (Bed & Horse), Kram's av, Phila., Pa.
Stickler J. M., Mauston, Wis.
Susquehanna Woolen Co. (Bed), New Cumberland, Pa.
Townsend J. E. (Estate of), (Bed), Milton Mills, N. H.
Wallace & Smith Co. (Bed & Horse), La Porte, Ind.
Webb T. A. W. & Son, Allensville, Pa.
West Bend Woolen Mills, West Bend, Wis.
Winthrop Mills Co. (Bed), Winthrop, Me.
Woodcock A. B., Waterside, Pa.

878-9—Blanks (Copper & Nickel Silver)

Scovill Mfg. Co. (To order only), Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

880— Blanks (Glass Cutters)

McKee Glass Co., Jeannette, Pa.
Rodefer Glass Co. The (Plano Convex & Double Convex Blanks, for Cutting Polishing), Bellaire, O.
See adv index at end of book

880a— *Blanks (Handle)

Anchor Saw Mills Co., Memphis, Tenn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

881— Blanks (Key)

Bohannan Wilson, 760 Lexington av, Brooklyn, N. Y.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Graham Mfg. Co., Derby, Conn.
Huber Mfg. Co., 417 E. 93d, N. Y.
Penn Hardware Co., Reading, Pa.
Penn. Lock Works, 126 N 4th, Phila., Pa.
SARGENT & GREENLEAF, INC. Rochester, N. Y.
See adv index at end of book
Sargent & Co. (Flat, Bit & Cylinder), New Haven, Conn.
Taylor & Boggis Foundry Co., Cleveland, O.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

882— Blanks (Lens)

Corning Glass Works ("Noviol" Optical, Coquille & Micoquille Clear & Colors), Corning, N. Y.

882a— *Blanks (Pinion)

Philadelphia Roll & Machine Co., 35th & Washington av, Phila., Pa.
Pollak Steel Co., The, 386 W. 71st, Carthage, Cincinnati, Ohio

883— Blanks (Thumb, Nut & Screw)

Billings & Spencer Co., Hartford, Conn.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Stimpson, Edwin B. Co. (Screw), 68 Franklin av., Brooklyn, N. Y.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

884—Blast Furnace Top Filling Apparatus

Weimer Machine Works Co., Lebanon, Pa.

885—Blast Furnace & Steel Works Construction

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Colorado Iron Works Co., Denver, Colo.
DOVER BOILER WORKS (Steel Plate Construction). Sales office, 40 Church, New York; Works: Dover, N. J.
See adv index at end of book
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Johnson & Thompson, Birmingham, Ala.
Kennedy Julian, Bessemer bldg., Pittsburgh, Pa.
Kennedy Walter (Automatic Top Filter System for Blast Furnaces), Bessemer bldg, Pittsburgh, Pa.
Keystone Furnace Construction Co., Farmers Bank bldg, Pittsburgh, Pa.
Lackawanna Bridge Co., Buffalo, N. Y.
Lappan Jas. Mfg. Co., Pittsburgh, Pa.
McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
McKee, Arthur G. & Co., 2422 Euclid av., Cleveland, Ohio
Meehan Boiler & Cons. Co., Lowellville, O.
MOHR, JOHN & SONS, 96th & Calumet River, Chicago, Ill.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Muskegon Boiler Works, Muskegon, Mich.
Pennsylvania Engineering Works (Engineers & Contractors), New Castle, Pa.
Petroleum Iron Works Co. (Blast Furnace), Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
RITER-CONLEY Co. (Plate & Structural Work of Every Description, Design-Fabricate-Erect), Oliver bldg., Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO. (Engineers & Contractors), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smythe, S. R. Co., 2022H Oliver bldg., Pittsburgh, Pa.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Weimer Machine Works Co., Lebanon, Pa.

886— Blast Furnaces

ALABAMA.

ANNISTON—Anniston Steel Co. (Low Woodstock Operating Corp. (Pig Iron)
BESSEMER—Tennessee Coal, Iron & R. R. Co. (See Birmingham)
BIRMINGHAM — Gulf States Steel Co. (Foundry, Forge, Basic)
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brands, "Pioneer")
Sloss, Sheffield Steel & Iron Co. ("Birmingham," "North Birmingham" Pig Iron; brands, "Sheffield," "Lady Ensley," "Florence," "Sloss")
Tennessee Coal, Iron & Railroad Co. (Foundry, Forge & Basic Pig Iron; Brands, "Alice," "De Bardeleben," "Eureka," "Ensley")
ENSLEY—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
FLORENCE—Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
HOLT—Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"); Office: New York City
IRONATON—Alabama Co. (See Birmingham, Ala.)
OXMOOR—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
ROCK RUN—Bass Foundry & Machine Co. Charcoal, Car-Wheel & Strong Castings Pig Iron; Brand, "Rock-Run")
SHEFFIELD—Sheffield Iron Corp. (Foundry & Forge Pig Iron; Brand, "Sheffield")
Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
SHELBY—Shelby Iron Co. (Foundry Pig Iron; Brand, "Imperial" & Charcoal Car Wheel Pig Iron; Brand, "Shelby")
WOODWARD—Woodward Iron Co. (Basic Foundry & Forge Pig Iron; Brand, "Woodward")

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer, Basic & Foundry Pig Iron), Furnaces, Pueblo, Colo.

CONNECTICUT.

EAST CANAAN—Barnum, Richardson Co. (See Lime Rock)
LIME ROCK—Barnum, Richardson Co. Charcoal Car-Wheel, Malleable Castings, Ordnance & Machinery Pig Iron; Brand, "Salisbury")

GEORGIA.

CEDARTOWN—Cedartown Iron Co. (Charcoal High Grade Car-Wheel Pig Iron; Brand, "Cherokee")

ILLINOIS.

CHICAGO—Embree Iron Co. (Malleable, Foundry, Forge, Low Phosphorous & High-Manganese Pig Iron; Brand, "Embreville"), 332 S. Mich. av; Furnaces, Embreville, Tenn.
Federal Furnace Co. (Malleable Bessemer & Foundry Pig Iron; Brand, "Federal"), 108th & Calumet River
Illinois Steel Co. (Bessemer, Forge, Foundry, Basic & Malleable Bessemer Pig Iron; Brands, "Bay View," "Gertrude," "Milwaukee Scotch"), 208 S La Salle
Inland Steel Co. (Basic & Foundry Pig Iron; Brand, "Inland"), 1st Nat. Bank bldg. Furnaces, Indiana Harbor, Ind.
Iroquois Iron Co. (Foundry, Malleable & High-Silicon Soft Pig Iron; Brand, "Iroquois" for Strong Iron, "Sterling Scotch" for Soft Iron; "Peerless" for High-Silicon Soft Iron; "Malleable" for Malleable Iron), 3267 E 95th
Treadwell M. H. Co. of Ill., 208 S. La Salle
Wisconsin Steel Co., 606 S Michigan (See International Harvester Co.)
JOLIET—Illinois Steel Co., 208 S La Salle. (See Chicago, Ill.)

INDIANA.

GARY—Indiana Steel Co. (See Chicago, Ill.)
INDIANA HARBOR—Inland Steel Co. (See Chicago, Ill.)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co. (Foundry & Forge Pig Iron; also Ferro-Silicon; Brands: "Boyd" Foundry & "Ashland" for Ferro-Silicon)
Norton Iron Works (Bessemer & Malleable Bessemer Pig Iron; Brand, "Norton")
MIDDLESBORO—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

MARYLAND.

SPARROWS POINT—Bethlehem Steel Co. (Bessemer Pig Iron & Spiegeleisen)

MASSACHUSETTS.

CHESHIRE—Berkshire Iron Works (Charcoal Car-Wheel, Engine Cylinders, Chilled Rolls, Crusher Plates, etc; Brand, "Berkshire")
RICHMOND FURNACE—Richmond Iron Works (Charcoal Car-Wheel & Machinery Pig Iron; Brand, "Richmond")
WORCESTER — **WICKWIRE, SPENCER STEEL CORP.** (Pig Iron)
See adv index at end of book

MICHIGAN.

CADILLAC—Mitchell-Diggins Iron Co. (Charcoal Malleable Car-Wheel & Strong Foundry Pig Iron; Brand, "Cadillac")
DETROIT—Charcoal Iron Co. of Am. Union Trust bldg
Detroit Iron & Steel Co. (Foundry & Malleable Pig Iron; Brand, "Zug") Zug Island Deeray
EAST JORDAN—East Jordan Furnace Co. (Charcoal Car-Wheel & Malleable Pig Iron)
GRAND RAPIDS—Antrim Iron Co. (Charcoal Car-Wheel & Malleable Pig Iron; Brand, "Antrim")
ISHPEMING—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
MARQUETTE—Cleveland-Cliffs Iron Co.
Pioneer Iron Co.

NEGAUNEE—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
WELLS—Stephenson Charcoal Iron Co.

MINNESOTA.

DULUTH—Zenith Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Zenith"

MISSOURI.

ST. LOUIS—Sligo Furnace Co. (Charcoal, Car-Wheel, Foundry & Malleable Pig Iron Brand, "Sligo"), Syndicate Trust bldg.

NEW JERSEY.

OXFORD—Empire Steel & Iron Co. (See Catasauqua, Pa.)
STANHOPE—Singer Mfg. Co., Musconetcong Iron Works
WHARTON—Wharton Steel Co. (See Phila., Pa.)

NEW YORK.

BUFFALO—Buffalo Union Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Buffalo"), ft. Hamburg
Lackawanna Steel Co. (Bessemer Pig Iron; Brand, "Lackawanna")
Rogers-Brown Iron Co. (Foundry Pig Iron), Erie County Bank bldg.
Wickwire Spencer Steel Corporation (Chilled Cast, Basic, Malleable & Foundry Pig), River rd.
See adv index at end of book
CHARLOTTE—McKinney Steel Co. (Bessemer Malleable & Grey Forge Pig Iron & Foundry Pig for Stoves, Plates & General Foundry Use, Brand, "Genesee" Furnaces)
BROOKLYN—Improved Appliance Co., 413 Kent av
NEW YORK—Berkshire Iron Works, 120 B'way
Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"), 90 West; Furnaces, Holt, Ala.
Colonial Iron Co. (Foundry & Forge Pig Iron), (Specialty & Strong Soft Fluid Fdry. Pig Iron Brands "Norway" Colonial), 149 B'way, New York
New Jersey Zinc Co. (Spiegeleisen from Zinc Oxide Residues), 106 Front; Furnaces, etc.: Palmerton, Pa.
NIAGARA FALLS—Pittsburgh Metallurgical Co. (Silvery Pig Iron)
NORTH TONAWANDA—Tonawanda Iron & Steel Co. (Foundry, Forge & Malleable Pig Iron; Brands, "Niagara," "Tonawanda Scotch")
PORT HENRY—Northern Iron Co. (Basic, Malleable, Foundry & Bessemer Pig Iron; Brand, "Essex")
STANDISH—Northern Iron Co.

OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh)
CANTON—United Furnace Co.
CLEVELAND—American Rolling Mill Co. (br. of Middletown, O.), Columbus, Ohio
American Steel & Wire Co. (Bessemer & Basic Pig Iron)
See adv index at end of book
Cleveland-Cliffs Iron Co. (Charcoal Car-Wheel, Foundry, Malleable & Low Phosphorous Pig Iron; Brand, "Pioneer" & "Marquette"), Rockefeller bldg. Furnaces: Marquette & Gladstone, Mich.
Cleveland Furnace Co. (Bessemer, Malleable Bessemer, Foundry & Basic Pig Iron; Brand, "Cleveland"), Clark av S W & Cuyahoga River
Corrigan, McKinney & Co.
McKinney Steel Co., Perry Payne bldg (Bessemer, Foundry, Forge & Basic Iron Brands; Furnaces: Josephine & Scottdale, Pa.)
OTIS STEEL CO. (Pig Iron), Leader-News bldg
Pioneer Iron Co.
Struthers Furnace Co. (Basic & Foundry Pig Iron; brand, "Struthers"), Citizens bldg. Furnaces: Struthers, O.
Stewart Furnace Co., Rockefeller bldg.
Toledo Furnace Co. (Bessemer, Basic, Malleable, & Foundry Pig Iron; Brand, "Toledo"). Furnaces: Toledo, O.
United Iron & Steel Co. (M. Hanna & Co.) (Bessemer & Foundry; Brands, "Farnie," "Fort Pitt"; Special Car-Wheel & Grey Forge Pig Iron; Brand, "Cherry Valley"). Furnaces Leotonia, O. & W. Middlesex, Pa.
COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.
DOVER—Penn Iron & Coal Co. (Strong Foundry, Bessemer & Basic Open Hearth Pig Iron; Brands, "Tuscorawas," "Black Band," "Dover")
GIRARD—Girard Iron Co. (Bessemer, Malleable Bessemer, Foundry & Forge Pig Iron; Brand, "Girard")
HANGING ROCK—Hanging Rock Iron Co. (Foundry & Malleable Pig Iron; Brand, "Hamilton")
HUBBARD—Andrews & Hitchcock Iron Co. (See Youngstown)
IRONTON—Belfont Iron Works Co. (Bessemer, Foundry & Forge Pig Iron; Brand, "Belfont")
Kelly Nail & Iron Co. (Bessemer Pig Iron; Brand, "Sarah")
Marting Iron & Steel Co. (Bessemer, Foundry & Malleable Pig Iron; Brands, "Nellie," "Bird" & "Lawrence")
Union Furnace Co.
JACKSON—Globe Iron Co. (Foundry Pig Iron; Brand, "Globe"; also Ferro-Silicon)
Jackson Iron & Steel Co. (High-Silicon Pig Iron; Brand, "Jisco")
Star Furnace Co. (Soft Foundry Pig Iron; Brand, "Star," also Ferro-Silicon)
Wellston Iron Furnace Co. ("Wellston" Bessemer Low Phosphorous Bessemer & Malleable Pig Iron)
LEETONIA—Salem Iron Co.
United Iron & Steel Co. (See Cleveland, O.)
LOWELLVILLE—Ohio Iron & Steel Co. (Bessemer, Forge & Foundry Pig Iron; Brands, "The Mary," "The Mary Ohio Scotch")
MIDDLETOWN—American Rolling Mill Co.
MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)
NEW STRAITSVILLE—Bessie Furnace Co. (See Pittsburgh, Pa.)
NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)
OAK HILL—Jefferson Iron Co.
STEUBENVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
La Belle Iron Works (Basic & Foundry Pig Iron)
Weirton Steel Co. (Pig Iron)
STRUTHERS—Struthers Furnace Co. (See Cleveland, O.)
TOLEDO—Toledo Furnace Co. (See Cleveland, Ohio)
WELLSTON—Wellston Iron Furnace Co. (Bessemer, Low Phosphorous Bessemer & Malleable Pig Iron; brand, "Wellston")
Yorkville-Wheeling Steel & Iron Co. (See Wheeling, N. Va.)
YOUNGSTOWN—Andrews & Hitchcock Iron Co. (Bessemer, Gray Forge, Malleable, Bessemer & Foundry Pig Iron; Brands, "Hubbard," "Hubbard Scotch" Soft Foundry & "Climax," Strong Foundry. Furnaces: Hubbard, O.
Brier Hill Steel Co. (Bessemer & Basic, Strong Foundry & Malleable Pig Iron; Brand, "Brier Hill")
Carnegie Steel Co. (See Pittsburgh, Pa.
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron).
For branch offices see Alphabetical Section
Youngstown Sheet & Tube Co. (Bessemer & Basic Foundry, Malleable & Mill Pig Iron)
ZANESVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)

OREGON.

OSWEGO—Oregon Iron & Steel Co. (See Portland)
PORTLAND—Oregon Iron & Steel Co., Concord bldg. Furnaces: Oswego

PENNSYLVANIA.

ALBURTIS—Thomas Iron Co. (See Hokendauqua, Pa.)
BIRDSBORO—Brooke E. & G. Iron Co. (Basic Open Hearth Forged Pig Iron; Brand, "Brooke")
BRADDOCK—Carnegie Steel Co. (See Pittsburgh, Pa.)
CATASAUQUA—Crane Iron Works.
Empire Steel & Iron Co. (Foundry, Forge, Basic Bessemer & Low-Phosphorous Pig Iron; Brands, "Crane," "Crane L P," "Crane Basic," "Henry Clay," "Macungie," "Oxford," "Topton")
CHESTER—Delaware River Steel Co. (Low Phosphorous, Special Bessemer Malleable "Delaware")
CLAIRTON—Carnegie Steel Co. See Pittsburgh, Pa.)
CURTIN—Eagle Iron Co.
DONORA—Carnegie Steel Co. (See Pittsburgh, Pa.)
DUBOIS—Adrian Furnace Co. (Foundry Pig Iron; Brand. "Adrian")
DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)
EARLSTON—(P. O. Everett, Pa.) Thropp Jos. E. (Forge, Basic & Soft & Strong Foundry & Mill Pig Iron; Brands, "Everett," "Saxton")
EMPORIUM—Emporium Iron Co.
ERIE—Perry Iron Co. (Foundry, Malleable & Bessemer Pig Iron; Brand, "Perry")
HARRISBURG—Central Iron & Steel Co. (Bessemer, Malleable Bessemer, Foundry, Mill & Basic Open Hearth Pig Iron; Brands, "Paxton," "Silver Spring")
HELLERTOWN—Thomas Iron Co. (See Hokendauqua, Pa.)
HOKENDAUQUA—Thomas Iron Co. (Foundry, Forge, Basic Open Hearth & Malleable Pig Iron; Brand "Thomas-Vanadium")
ISLAND PARK—Thomas Iron Co. (See Hokendauqua, Pa.)
JOHNSTOWN—Cambria Steel Co. (Bessemer & Basic Pig Iron), Main Office: Phila., Pa.
JOSEPHINE—McKinney Steel Co. (Bessemer, Foundry, Forge & Basic Pig Iron)
KITTANNING—Kittanning Iron & Steel Mfg. Co. (Grey Forge & Foundry Pig Iron; Brand, "Rebecca")
LEBANON—Lackawanna Iron & Steel Co. (See Buffalo, N. Y.)
McKEESPORT—National Tube Co. (See Pittsburgh, Pa.)
MACUNGIE—Empire Steel & Iron Co. (See Catasauqua, Pa.)
MAUCH CHUNK—Carbon Furnace Co., Ltd. ("Carbon" Foundry Iron, "Parry" Bessemer Iron & "Viking" Low Phosphorus Pig Iron), Furnaces, Parryville, Pa.
MILESBURG — McCoy-Linn Iron Co. (Charcoal Forge & Foundry Pig Iron; Brand, "Hecla")
NEW CASTLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
PALMERTON—New Jersey Zinc Co. (of Pa.)
PARRYVILLE—Carbon Furnace Co., Ltd. (See Mauch Chunk, Pa.)
PHILADELPHIA—Cambria Steel Co., Widener bldg
Marshall F. W. & Co., Pennsylvania bldg, Phila, Pa
Marshall, Edward E., Bullitt bldg.
Marshall, F. W. & Co. ("Marshall"), Penn bldg.
Mohr, J. J. & Son, Bullitt bldg.
Pulaski Iron Co. (High-Grade Foundry Pig Iron; Brand, "Pulaski"), Real Estate Trust bldg. Furnaces: Pulaski City, Va.
Wharton Steel Co. (Basic, Neutral Foundry Malleable & Forge Pig Iron; Brand, "Wharton"), Morris bldg; Furnaces, Wharton, N. J.
Wood Allan Iron & Steel Co. (Neutral Mill, Foundry, Malleable Bessemer & Basic Open Hearth Pig Iron; Brand, "Swede"), Widener bldg; Furnaces, Swedeland, Pa.
PITTSBURGH—American Steel & Wire Co. (Bessemer & Basic Pig Iron), Frick bldg.
See adv index at end of book
Bessie Furnace Co., Oliver bldg.
Byers, A. H. Co., 235 Water
Carnegie Steel Co. (Bessemer, Basic, Forge Foundry, Mill & Low-Phosphorus Pig Iron), Carnegie bldg
Carter Iron Co. (Bessemer & Foundry Pig Iron), 307 5th av. Furnaces: Ivanhoe Furnace Co., Ivanhoe, Va.
Clinton Iron & Steel Co. (Bessemer, Forge & Special Car-Wheel Pig Iron, and an exceedingly Soft & Fluid Foundry Iron for Light & Fine Machinery Castings; Brands, "Hector," "Clinton"), W. Carson
Iron Trade Products Co. (Basic, Bessemer, Charcoal, Malleable, Gray Forge, Foundry, Mottled White & Low Phosphorus Pig Iron), Farmers Bank bldg
McAleenan Bros. Co., 25th & A. V.. R. R.
Midland Steel Co. (Bessemer, Basic & Foundry Pig Iron), 313 6th av; Furnaces, Midland, Pa.
Miller W. R. Co. (& Steel Works Construction) House bldg.
Mudge Edmund W. & Co. (Bessemer Basic Foundry and Malleable Pig Iron; Brands, "Ella Foundry" & "Ella Malleable"), Frick bldg
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brand, "Pioneer"), Oliver bldg.
Searing & Coultas, Farmers Bank bldg
Shenango Furnace Co. (Bessemer, Basic & Malleable Pig Iron; Brand, "Shenango"), Oliver bldg; Furnaces, Sharpsville, Pa.
Snyder W. P. & Co. (All Grades of Merchant Pig Iron), Oliver bldg
POTTSTOWN—Glasgow Iron Co.
POTTSVILLE—Eastern Steel Co. (Foundry, Neutral Mills, Bessemer, Malleable, Low Phosphorus & Basic Pig Iron; Brand, "Warwick"), Furnaces: Pottstown, Pa.
RANKIN—Carnegie Steel Co. (See Pittsburgh, Pa.)
RIDDLESBURG—Colonial Iron Co. (Foundry & Forge Pig Iron, Specialty a Strong Soft Fluid Foundry Pig Iron; Brands, "Norway," "Colonial")
ROBESONIA—Robesonia Iron Co. Ltd. (Low-Phosphorus Pig Iron; Brand, "Robesonia")
SAXTON—Thropp Jos. E. (See Earlston, Pa.)
SCOTTDALE—McKinney Steel Co. (Bessemer, Foundry, Forge & Basic Pig Iron)
SHARON—Carnegie Steel Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, Ohio.)

PENNSYLVANIA—Sharon—continued
Stewart Iron Co. Ltd. (Standard Bessemer, Low-Phosphorus, Foundry, Basic & Forge Pig Iron; Brand, "Stewart")
Shenango Furnace Co. (See Pittsburgh, Pa.)
Youngstown Sheet & Tube Co. (See Youngstown, O.)
SHERIDAN — Berkshire Iron Works (Foundry Pig Iron; Brand, "Sheridan"). (See New York City)
SOUTH BETHLEHEM—Bethlehem Steel Co. (Bessemer, Basic, Low-Phosphorous, All Consumed by the Company)
STEELTON—Pennsylvania Steel Co. (See Phila., Pa.)
SWEDELAND—Wood, Alan Iron & Steel Co. (See Phila., Pa.)
TEMPLE—Seaboard Steel & Manganese Corp.
Temple Iron Co. (See Scranton)
TOPTON—Empire Steel & Iron Co. (See Catasauqua, Pa.)
WEST MIDDLESEX—United Iron & Steel Co. (See Cleveland, O.)
WOODLAWN—Jones & Laughlin Steel Co.

TENNESSEE.

ALLEN'S CREEK—Bon Air Coal & Iron Co.
BEAR SPRINGS—Dover Iron Co. (Charcoal, Low-Phosphorus Pig Iron, for Chilled Rolls, etc; Brand, "Dover")
BRISTOL—Chattanooga Electro Metals Co. (Bessemer & Silvery Pig Iron)
CHATTANOOGA — Citico Furnace Co. (Forge & Foundry Pig Iron; Brand, "Citico")
Roane Iron Co. (Foundry & Forge Pig Iron; Brand, "Rockwood"), Furnaces: Rockwood, Tenn.
CLARKSVILLE—Red River Co. (Foundry, High-Silicon & Tennessee-Scotch Pig Iron; Brands "Helen," "Red River."
CUMBERLAND FURNACE—Warner Iron Co.
EMBREEVILLE—Embree Iron Co. (See New York City)
GOODRICH—Standard Iron Co.
JOHNSON CITY—Cranberry Furnace Co. (Low-Phosphorus Pig Iron; Brand, "Cranberry")
LA FOLLETTE—La Follette Coal & Iron Co. (Foundry & Forge Pig Iron; Brand, "La Follette Foundry")
NAPIER—Napier Iron Works. (See Nashville, Tenn.)
NASHVILLE—Bon Air Coal & Iron Co.
Napier Iron Works (Foundry Pig Iron; Brand, "Napier"), Furnaces, Napier, Tenn.
Standard Iron Co. (Foundry & Soft Pig Iron; Brand, "Standard"), Furnaces: Goodrich, Tenn.
Warner Iron Co., Nashville, Tenn.
ROCKWOOD—Roane Iron Co. (See Chattanooga)
SOUTH PITTSBURGH—Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)

VIRGINIA.

COVINGTON—Lowmoor Iron Co. (of Va.) (See Low Moor)
GLEN WILTON—Princess Iron Corp. Furnace Co. (Soft, Strong & Very Fluid Foundry Pig Iron; Brand, "Princess")
LOW MOOR—Low Moor Iron Co. (Foundry Pig Iron; Brands, "Low Moor," "Covington"), Furnaces: Covington, Va.
MAX MEADOWS—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
PULASKI—Pulaski Iron Co. (See Phila., Pa.)
Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
RADFORD—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
REED ISLAND—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
ROANOKE—Virginia Iron, Coal & Coke Co. (Foundry, Forge, Basic & Cold Blast Charcoal, Pig Iron for Chilled Rolls, etc; Brands, "Bristol," "Crozer," "Dora," "Graham," "Max Meadows," "Radford," "Reed Island," "Watts")

WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh, Pa.)
WEIRTON—Weirton Steel Co. (Pig Iron)
WHEELING—Wheeling Steel & Iron Co. (Bessemer Pig Iron; Brand, "Belmont," "Martin's Ferry," "Top Mill")

WISCONSIN.

MAYVILLE—Northwestern Iron Co. (See Milwaukee, Wis.)
MILWAUKEE—Illinois Steel Co. (See Chicago, Ill.)
Northwestern Iron Co. (Malleable Bessemer & Foundry Pig Iron; Brands, "Sidney," "Mayville," "Gertrude"), 1st National Bank bldg
Thomas Furnace Co. (Foundry, Malleable Bessemer & Standard Bessemer; Brand, "Thomas"), 740 Kinnickinnic av

887— *Blasting Accessories

DU PONT E. I. DE NEMOURS & CO. INC. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book

887a— *Blasting Apparatus

Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book

887b— Blasting (Electric)

Giant Powder Co. Con., San Francisco, Cal.
See adv index at end of book

888—Blasting Fuse, Caps, Etc.

See also Batteries, Blasting

Blight Sons & Co., Eagle River, Mich.
DU PONT E. I. DE NEMOURS & CO., INC. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Ensign Bickford Co. (Safety Fuse), Simsbury, Conn.
Grasselli Powder Co., Guardian bldg, Cleveland, O.
Hercules Powder Co., Wilmington, Del.

888a— Blasting Gelatin

Atlas Powder Co., Wilmington, Del.
Giant Powder Co., Cons., San Francisco, Cal.

889— Blasting Powder

See also Dynamite, Blasting Supplies & Gunpowder

Atlas Powder Co., Wilmington, Del.
DU PONT E. I. DE NEMOURS & CO., INC. (Sales Dept., Explosive Div.), Wilmington, Del.
See adv index at end of book
Giant Powder Co., Cons., San Francisco, Cal.
HERCULES POWDER CO.
Wilmington, Del.
McAbee, G. R. Powder & Oil Co., Oliver bldg., Pittsburgh, Pa.
Wander S. & Sons Chemical Co., Albany, N. Y.

DU PONT

BLASTING ACCESSORIES

DU PONT

BLASTING MACHINES—Portable Electric Generators for firing explosives charges. Capacities: 1 to 150 electric blasting caps. Compact, efficient and reliable.

PORTABLE MAGAZINES (Storage) are made of light steel in various sizes.

BLASTING CAPS—Fulminating detonators for high explosives, and are themselves fired by safety fuse.

ELECTRIC BLASTING CAPS—Are detonators fired with electric current generated by a Blasting Machine. Made in two strengths, No. 6 and No. 8—and having wires of different lengths.

WATERPROOF ELECTRIC BLASTING CAPS—Specially waterproofed electric blasting caps for use under considerable heads of water.

DELAY ELECTRIC BLASTING CAPS—Made in two classes: First Delay, Second Delay. When the current is applied there is a delay or lag in the time required for the First Delay, and a larger delay for the Second Delay. Instantaneous or regular Electric Blasting Caps are used in the first round. First Delay in second round, and Second Delay in third round.

SAFETY FUSE

DELAY ELECTRIC IGNITERS for firing shots in rotation consist of a copper shell to which is attached a piece of fuse of uniform burning speed, to which a blasting cap may be crimped for firing high explosives. Within the shell and directly above and in contact with the inclosed end of the fuse, is a priming composition in which the fine platinum wire bridging the terminals of the two wire leads is imbedded. The insulated copper leads pass through the sulphur plug and filling as in the ordinary electric blasting caps.

ELECTRIC SQUIBS for firing blasting powder are similar in general appearance to Electric Blasting Cap, but have a heavy paper cap instead of a copper one. The charge does not detonate like that in electric blasting caps, but merely shoots out a small flame.

CAP CRIMPERS—A special tool for attaching blasting cap to safety fuse. Made in two styles.

LEADING WIRE—Fourteen-gauge insulated copper wire, both single and duplex.

CONNECTING WIRE—Twenty and twenty-one gauge insulated copper wire.

RHEOSTAT—An electric bridge adapted to testing blasting machines.

GALVANOMETER—A small electrical instrument for testing blasting circuits to detect breaks.

TAMPING BAGS—Heavy paper bags 8 to 18 inches long and from 1 to 2 inches in diameter.

THAWING KETTLES are all made with a watertight compartment for the explosives which is surrounded by the receptacle for the hot water.

CORDEAU BICKFORD—Detonating Fuse.

PHOTOGRAPHIC SQUIBS—For electrically firing photograph flash powders.

E. I. DU PONT DE NEMOURS & COMPANY, Inc., Wilmington, Del.

See Advertisements at Explosives and Powder Mfrs. See List of Branch Offices at end of book

890-1— Blasting Supplies

See also Dynamite, Blasting Powder & Gunpowder.

Abee, G. R. Powder & Oil Co., Oliver bldg., Pittsburgh, Pa.
Atlas Powder Co., Wilmington, Del.
Giant Powder Co., Cons., San Francisco, Cal.
HERCULES POWDER CO Wilmington, Del.
New York Blastings Supply Co., 11 B'way, New York

892— Bleach

Bush, Beach & Gent, Inc., 80 Maiden la., New York
Electro Bleaching Gas Co. (Liquid), 18 E. 41st, New York
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Great Western Electro Chemical Co., Hoboken bldg, San Francisco, Cal.
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Hooker Electro Chemical Co., 40 Wall, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York
Katzenbach & Bullock Co., 110 William, New York
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Mathieson Alkali Works, 53 Canal, Providence, R. I.
Niagara Alkali Co., Niagara Falls, New York
Pennsylvania Salt Mfg. Co. (Liquid), Widener bldg, Phila., Pa.
Roessler & Hasslacher Chem. Co., 709 6th av, New York
Sergeant, E. M. Co., 15 E. 26th, New York *See adv index at end of book*
Solvay Process Co., Syracuse, N. Y.

Bleaching Clays

See Fullers Earth

893— Blenders (Grain)

Abbe Paul O., Inc., 924 Johnston bldg., New York *See adv index at end of book*
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

894— Blind Tenons

Reading Hardware Co., Reading, Pa.

894a— *Blinds (Awning)

WILSON J. G. CORP., 8 W 40th, New York *See adv index at end of book*

895— Blinds (Inside Folding)

Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Union Blind & Ladder Co. ("Hills"), Oakland, Cal.

896— Blinds (Inside Sliding)

Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Burlington Venetian Blind Co., Burlington, Vt.
Curtis, Towle & Paine Co. (Wholesale Mfrs), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.
Kane Blind & Screen Co., Kane, Pa.
Monroe Screen Blind & Partition Co., Lima, O.
Phoenix Sliding Blind Co., Phoenix, N. Y.

897— Blinds (Venetian)

Bostwick-Goodell Co. ("Victoria"), Norwalk, O.
Burlington Venetian Blind Co., Burlington, Vt.
Cahill Edward, 440 W. 42nd, New York
Chicago Millwork Supply Co. ("The Pease" Wholesale only), 1404 W 37th, Chicago, Ill.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Dodge H. B. & Co. (Mfrs. Agents), 332 S Michigan av, Chicago, Ill.
Dodge, H. B. & Co. ("Diffuselite"), 332H S. Michigan av., Chicago, Ill.
Monroe Screen Blind & Partition Co., Lima, O.
New Jersey Blind & Screen Co., Paterson, N. J.
Swedish Venetian Blind Co. ("Ericsson's"), 47 W 34th, New York
WILSON J. G. CORP. Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va. *See adv index at end of book*

897a—Blocks (Acid Proof—for Tower Packing)

General Ceramics Co., 50 Church, New York
Knight, Maurice A., Akron, O.

898— *Blocks (All Kinds)

Estes E. B. & Sons (For All Purposes), 364 Fifth av, New York *See adv index at end of book*

899—Blocks (Alphabet, Toy, Etc.)

Amerian Mfg. Concern (For Building), Falconer, N. Y.
Bogert & Hopper, Inc. (also Children's Buildings), 57 Barclay, New York *See adv index at end of book*
Bradley Milton Co., Springfield, Mass.
Embossing Co., Albany, N. Y.
Estes E. B. & Sons (Children's Building), 364 5th av, New York *See adv index at end of book*
McLoughlin Bros., 890 B'way, New York
Phillips Co., 354 4th av, New York

900— Blocks (Anvil)

Hooven, Owens, Rentschler Co. (Steel Reinforced, Semi-Steel), Hamilton, O. *See adv index at end of book*

901— Blocks (Asbestos)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York *See adv index at end of book*
Johns-Manville, Inc. ("Vitribestos"), Madison av. & 41st, New York
Thermoid Rubber Co. (Brake & Clutch), Trenton, N. J.

902—Blocks (Broom or Brush)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Curtis & Yale Co. (Wholesale Mfrs.), Wausaw, Wis.
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*
Holgate Bros. Co. (Whitewash Blocks) etc), Kane, Pa.
Mahle C. A. & Son, Ltd. (Bored & Shaped for Horse, Scrub, Stove, Shoe Brushes, etc, & for Street & Stable Push Brooms; also for Steel Wire Brushes, Brooms, etc), Corry, Pa.
Mason A. & Sons (Brush), Peru, N. Y.
Piqua Handle & Mfg. Co. (Floor Brush, Window Brush & Special), P O Box 307, Piqua, O.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams & Hurd (Hair, Paper, Window, Plater, Milk Can & Machine Brush), West Arlington, Vt.

902a— *Blocks (Bur, Dental)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

903— Blocks (Butchers')

See also Butchers' Machinery & Supplies
Appleton Wood Prods. Co. ("Appleton"), Appleton, Wis.
Bartlett O. L., Mound City, Ill.
Boos John & Co., Effingham, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Dumrauf & Wicke, 406 E 102d, New York
Fayetteville Mfg. Co., Fayetteville, N. Y.
Hill C. V. & Co., Trenton, N. J.
Michigan Maple Block Co. (Brush Blocks only, all kinds, Burned & Shaped), Petoskey, Mich.
Parkersburg Mill Co., Parkersburg, W. Va.
Peak Henry (For Street Sweeping Brooms, etc), Peabrook, N. Y.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Wolf, Sayer & Heller ("Best in the World"), Fulton & Peoria, Chicago, Ill.

903a— Blocks (Corn Crib)

Chattanooga Sewer Pipe Wks., Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Wks., Macomb, Ill.

904— Blocks (Cutting)

Continental Fibre Co. (Vulcanized Fibre), Newark, Del. *See adv index at end of book*
Curtin Hebert Co. (For Leather, Canvas & Silk Gloves), Gloversville, N. Y.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Reading Wood Pulley Co., Reading, Pa.
Spaulding J. & Sons Co., Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*
Stiles H. A. & Co. ("Hasco Brand") (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

905— Blocks (Die)

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Colonial Steel Co. (Forged Crucible & Open Hearth), 324 4th av, Pittsburgh, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co. (Crucible), 120 B'way, New York
Duke Steel Co., Inc. (Steel), 191 Pearl, New York *See adv index at end of book*
Electric Steel & Forge Co., 6608 Grant, av., Cleveland, O. *See adv index at end of book*
Erie Forge Co., Erie Pa.
Farrell-Cheek Steel Foundry Co., Sandusky, Ohio
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Inc. ("Hammond"), Syracuse, N. Y.
Heppenstall Forge & Knife Co. ("Hardtem" Forged), 47th & Halfield, Pittsburgh, Pa.
Irish Bros. & Co., Buckfield, Me.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
Michigan Maple Block Co., Petoskey, Mich.
Midvale Steel & Ordnance Co. (Forged) Widener bldg, Phila., Pa.
National Forge & Tool Co. ("National A. B. & C."), Irvine, Pa.
Pennsylvania Forge Co., Jenks & Bath, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
Pollak Steel Co., The, 386 W. 71st, Carthage, Cincinnati, O.
Reading Wood Pulley Co. (Wood), Reading, Pa.
Stiles H. A. & Co. ("Hasco Brand") (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tacony Steel Co., Franklin Bank bldg., Philadelphia, Pa.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.

906—*Blocks (Differential Chain)

See also Hoists, Chain

Chisholm-Moore Mfg. Co. (Direct Differential), 5046 Lakeside, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
READING CHAIN & BLOCK CO., Reading, Pa. *See adv index at end of book*
Yale & Towne Co. ("Yale," also Screw Geared), Dept. H, Stamford, Conn.

907— Blocks (Drill)

Athol Machine Co., Athol, Mass.
Athol Mach. & Foundry Co., Athol, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

908—*Blocks (Electric Fixture)

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

908a— *Blocks (Electrotype)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

909— Blocks (Fuse)

See also Cut-Outs, Incandescent

Bryant Electric Co., Bridgeport, Conn.
Chicago Elec. Mfg. Co., 2817H S. Halsted, Chicago, Ill.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Heinemann Geo. (For N. E. C. Fuses), 728 West Girard av, Phila., Pa.
Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Worcester Electric & Mfg. Co., Worcester, Mass.

909a— Blocks (Furnace)

Drake Non-Clinkering Furnace Block Co., 5 Beekman, New York

909b— Blocks (Grain Tanks)

Chattanooga Sewer Pipe Wks., Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Wks., Macomb, Ill.

910— Blocks (Hat)

Cuming M. A. & Co., 43 Bleecker, New York
Hubbell & Benninger, 324 Lafayette, New York

911—Blocks (Hollow Building)

Ada Clay Co., Ada, O.
Akron Vitrified Clay Mfg. Co., Akron, O.
American Brick & Tile Co., Mason City, Ia.
American Clay Products Co., 175 5th av, New York
American Sewer Pipe Co., Akron, O.
Armstrong Mfg. Co., Hicksville, Ohio
Athens Brick & Tile Co., Athens, Texas
Big Four Clay Co. (Blue Granite, Rock Face), Malvern, O.
Biglow E. Co., New London, O.
Boone Brick Tile & Paving Co., Boone, Ia.
Bradford Fireproofing Co., Bradford, Pa.
Brazil Hollow Brick & Tile Co., Brazil, Ind.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Campfield-Raggle Block Co. (For Silos, Raggle), Richmond, Ind.
Canton Tile Hollow Brick Co. (Plain & Rock-Faced), New Bethlehem, Pa.

BLOCKS (HOLLOW BUILDING)—cont'd
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Claymont Brick Wks., New Cumberland, W. Va.
Delta Cement Tile Co., Greenville, Miss.
Dennison Fire Proofing Co., Mason City, Iowa
Des Moines Clay Co., Des Moines, Ia.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Diefenbacher Philip & Son, Massillon, O.
Far West Clay Co., Tacoma, Wash.
Greer-Beatty Clay Co., Magnolia, O.
Grinnell Clay Products Co., Grinnell, Ia.
Gypsum Fireproofing Co. (Gypsum), 205 W Monroe, Chicago, Ill.
Hydro Stone Products Co., 175 W. Jackson blvd., Chicago, Ill.
Louisville Brick & Tile Co., Louisville, O.
Macomb Sewer Pipe Works, Macomb, Ill.
Markley Geo. J., Mineral City, O.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Maurer Henry & Son, 420 E 23d, New York
Menefee Art Stone Co. (Cement), Fort Wayne, Ind.
Mount Cherry Coal Co., 8 E. Long, Columbus, O.
National Fire Proofing Co., 1100 Fulton bldg., Pittsburgh, Pa.
See adv index at end of book
Ohio Clay Co., Guardian bldg, Cleveland, O.
Penna. Fireproofing Co., Erie, Pa.
Pittsburgh Clay Products Co., 1303 Kennan bldg., Pittsburgh, Pa.
Sacramento Building Block Co., Sacramento, Cal.
Sioux City Brick & Tile Co., Sioux City, Iowa
Troy Fireproofing Co., Troy, N. Y.
Truscon Steel Co. (Kahn System), Trussed Concrete bldg, Youngstown, O.
Union Sewer Pipe Co., McKeesport, Pa.
Vigo Am. Clay Co., Terre Haute, Ind.
Whittacre-Greer Fire Proofing Co., Waynesburg, Ohio

912-3 Blocks (Hollow Tile)

Bradford Fireproofing Co., Bradford, Pa.
Gladding McBean & Co., Crocker bldg, San Francisco, Ca.
Maurer Henry & Son, 420 E 23d, New York
National Fire Proofing Co., Fulton bldg., Pittsburgh, Pa.
Pittsburgh Clay Products Co., Keenan bldg., Pittsburgh, Pa.

914—Blocks (Keyseating Rule)

Goodell-Pratt Co., Greenfield, Mass.

914a— *Blocks (Kindergarten)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

915— Blocks (Last)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

916—Blocks (Lineman's Pulley)

Atlanta Tent & Awning Co., Atlanta, Ga.
Burr Mfg. Co. (Steel), Whitney Power blk, Cleveland O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Eureka Tackle Block Co., 324 E 2nd, Cincinnati, Ohio
Western Block Co., Lockport, N. Y.

916a— *Blocks (Mangle Roller)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

916b— Blocks (Pillow)

See Also Power Transmitting Machinery
Atlas Ball Co., 4th & Glenwood av., Philadelphia, Pa.
Bond Foundry & Machine Co., Manheim, Lanaster Co., Pa.
Golden's Foundry & Machine Co., Columbus, Ga.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Sprout, Waldron & Co., Muncy, Pa.

917—Blocks (Print, For Oil Cloth)

Fuller's Geo. Sons, Hallowell, Me.

917a— Blocks (Radial)

Cleveland Bldrs. Supply & Brick Co., Dept. H, Leader-News bldg., Cleveland, O.

918— Blocks (Raggle)

Campfield Raggle Block Co., Richmond, Ind.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Dickey, W. S., Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
San Antonio Sewer Pipe Works, San Antonio, Texas

919— Blocks (Rail)

Arthur W. H. ("Arthur" Hump), Stamford, Conn.
Mack Mfg. Co. ("Arthur" Hump), Lincoln bldg, Phila., Pa.

919a—Blocks (Segment Sewer)

Chattanooga Sewer Pipe Wks. (for Sewers & Culverts, 30-inch to 108-inch), Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Macomb Sewer Pipe Wks. (for Sewers & Culverts, 30-in. to 108-in), Macomb, Ill.
San Antonio Sewer Pipe Wks. (for Sewers & Culverts, 30-in. to 108-in), Chattanooga, Tenn.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.

919b— Blocks (Sewer Invert)

Dickey, W. S., Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Wks., Macomb, Ill.

920—Blocks (Sheave, for Derricks)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Maine.

921— Blocks (Silo)

Chattanooga Sewer Pipe Wks., Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Finzer Bros. Clay Co., Sugarcreek, Ohio
Longmont Brick & Tile Co., Longmont, Colo.
Macomb Sewer Pipe Wks., Macomb, Ill.
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg., Pittsburgh, Pa.
See adv index at end of book

921a— *Blocks (Size)

Herlth, O. B. Mfg. Co., Inc., 32 Union pl., Hartford, Conn.
See adv index at end of book
Pratt & Whitney Co. ("Hoke" Precision), 111 Broadway, New York
Way O. F. Co., Burnside, Conn.

921b Blocks (Snatch)

Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.

922—*Blocks (Stiff Leg Head)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*

923— Blocks (Switch)

Armstrong Fred A., 348 Court, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

924— Blocks (Tackle)

American Block & Mfg. Co., Warren, Ohio
Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
Burr Mfg. Co. (Self Locking), Whitney Power blk, Cleveland, O.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co. ("Bullock" Steel or Wood), 227 W Erie, Chicago, Ill.
Cleveland Block Co. (Malleable Iron), 1173 W 11th, Cleveland, O.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Continental Bridge Co., 460 Monadnock block, Chicago, Ill.
Cottingham John C. & Sons Co., 118 N Delaware av, Phila., Pa.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Edwards H. D. & Co. 16 Woodward av, Detroit, Mich.
Eureka Tackle Block Co., 324 E 2nd, Cincinnati, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Fulton Iron Works ("Sure-Grip"), 39 Franklin, Detroit, Mich.
Gloucester Block Co., Gloucester, Mass.
Hartz H. V. Co. (Steel), Cuyahoga & Mohoning av, Cleveland, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Lanrent Cherry Pulley Block Co., Trenton, N. J.
Lane Bros. Co. (Automatic Lock), Poughkeepsie, N. Y.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lufkin C. F., Gloucester, Mass.
McMillan's W. H. Sons, 153 South, New York
Merriman Bros., 185 Amory, Boston, Mass.
Neptune Hardware Mfg. Co., 29 Murray, New York
Parish Supply & Mfg. Co., 2868 Quinn, Chicago, Ill.
Patterson W. W. Co. ("Patterson"), Wood & Steel Hand Made, 54 Water, Pittsburgh, Pa.
Pendleton Co., 308 S Water, Providence, R. I.
Pittsburgh Block & Mfg. Co. ("Ferguson," "Little Giant," "Big Giant," "Patterson," Wood or Steel Shell), 818 South av, Pittsburgh, Pa.
Pull-U-Out Sales Co., 2018 Market St, Louis, Mo.
Sohl Fred. E., Seattle, Wash.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stowell Co. The, South Milwaukee, Wis.
Tarr Geo. C., Gloucester, Mass.
Terry & Tench Co., 70 E 45th, New York
Union Hardware Co., Torrington, Conn.
Union Mfg. & Lbr. Co., Northville, Mich.
Upson-Walton Co. of N. Y. The, 291 B'way, New York
Western Block Co. ("Anvil," Wood, Wrought Iron & Steel), Lockport, N. Y.
Wilson Machinery Co., 331 W 35th, Chicago, Ill.

Blocks (Tank)

See Glass House Clay Supplies

924a— *Blocks (Tenpin)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

925— Blocks (Terminal)

Eureka Supply Co., Sewell, N. J.

925a— Blocks (V)

Up-to-Date Tool Co. (Hardened Ground), 81 Wareham, Boston, 18, Mass.
See adv index at end of book

926— Blocks (Wire Rope)

See also Blocks, Tackle
American Hoist & Derrick Co., St. Paul, Minn.
Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y. The, 291 B'way, New York
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

927— Blocks (Wood)

Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper, Inc. (All kinds for all Purposes), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled, 364 5th av, New York
See adv index at end of book
Patterson W. W. Co. (Snatch-Hand Made) ("Patterson"), 54 Water, Pittsburgh, Pa.
REPUBLIC CREOSOTING CO. (Creosoted), Merchants Bank bldg, Indianapolis, Ind. *See adv index at end of book*
Stiles H. A. & Co. ("Hasco Brand"), 93-97 Oliver, Boston, Mass.
See adv index at end of book

928— Blocks (Wrecking)

Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Channon Jas. H. Mfg. Co. (Heavy), 227 W Erie, Chicago, Ill.
Eureka Tackle Block Co., 324 E 2nd, Cincinnati, Ohio
Laughlin Thos. Co. (With Lashing Shackles), Portland, Me.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Western Block Co., Lockport, N. Y.

929— Blocks (Yacht)

Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.

Eureka Tackle Block Co., 324 E 2nd, Cincinnati, Ohio
Gloucester Block Co., Gloucester, Mass.
Pendleton Co., 308 S Water, Providence, R. I.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
McMillan's W. H. Sons, 153 South, New York
Merriman Bros., 185 Amory, Jamaica Plains, Boston, Mass.
Western Block Co., Lockport, N. Y.

930— Blood (Dragons')

Anderson-Hillier Co. Inc., 99H John, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

931— Blooms (Charcoal Iron)

Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Reeves Mfg. Co., Dover, O.

932— Blow-Case (Automatic)

Graver Corp., E. Chicago, Ind.
See adv index at end of book
SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa. *See adv index at end of book*

932a— Blow (Cases)

Bethlehem Fdry & Mach. Co., Bethlehem, Pa.
General Ceramics Co., 50 Church, New York
Knight Maurice Co., Akron, O.
Lehigh Foundry Co., Fullerton, Pa.

933—Blow-Guns (Machine Shop & Foundry)

Lunkenheimer Co., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co. ("Powell," for Cleaning Lathes. Work Benches, Taps, Dies, etc., 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Star Brass Works ("Binks Clean-All"), 3129 Carroll av, Chicago, Ill.

933a—Blow-Off Pipe Protection

Huyette Paul B. Co. ("Mather"), 5H S 18th, Phila., Pa.
McLeod & Henry Co. ("Steel Mixture"), 360 1st, Troy, N. Y.

934—Blow Pipes & Brazing Apparatus

Allington & Curtis Mfg. Co., 53 W. Jackson blvd, Chicago, Ill.
American Gas Furnace Co. (Gas), 24 John, New York
Astle H. J. & Co., 118 Orange, Providence, R. I.
Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Baylis Company, Bloomfield, N. J.
Bernz Otto, 17-37 Ashland, Newark, N. J.
Best Light Co., 477 Second, N E, Canton, Ohio.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braun-Knecht-Heimann Co., 584 Mission, San Francisco, Cal.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Cyclone Blow Pipe Co., 2552 W 21st, Chicago, Ill. *See adv index at end of book*
Dyar G. H. Co. (Acetylene), Cambridge, Mass.
Economy Welding Machine Co., Kansas City, Mo.
Electric Brazing & Welding Machine Co. (Electric), 30 Church, New York
Fidelity Brass Mfg. Co., 1001 W Washington blvd, Chicago, Ill.
Hald, Emil Blow Pipe Wks., 84 Oak, Brooklyn, N. Y.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Metal Specialties Mfg. Co. (Jewelers & Dentists), 338 N Kedzie av, Chicago, Ill.
Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
National Blow Pipe & Mfg. Co. (Blow Pipes), 738 Dryades, New Orleans, La.
National Rubber & Specialty Co. (Brazing App. only), Cincinnati, O.
Newark Brass Works, 22 Lawrence, Newark, N. J.
New Haven Sand Blast Co., New Haven, Conn.
Silverton Blow Pipe Co., 109H West Main, Silverton, Oregon
Skinner Bros. Mfg. Co., Vandeventer & Boyle, St. Louis, Mo.
Turner Brass Works (Gasolene & Kerosene), Sycamore, Ill.
Universal Equipment & Supply Co., 107 N Franklin, Syracuse, N. Y.
See adv index at end of book
Weldcraft Equipment Co., 2501 Penn. av, Pittsburgh, Pa.

Blow Piping

See Exhausts & Blow Piping

935— Blower Mfrs.

See also Sub-classifications

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 216-224 B'way, New York. *See adv index at end of book*
Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
American Gas Furnace Co. (Positive Pressure), 24 John, New York
Banister A. W. Co., 421 Dorchester av, S, Boston, Mass.
Barnett John, Rochester, N. Y.
Batterman Truit Co. ("Uniblade" Volume), 736 W Monroe, Chicago, Ill.
Bayley Mfg. Co., Milwaukee, Wis.
Bicalky Fan Co., Buffalo, N. Y.
Buckeye Blower Co., 425 W Town, Columbus, Ohio
Buffalo Dental Mfg. Co. (foot), Buffalo, N. Y.
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief" Power), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Chase Turbine Mfg. Co. (Fan), Orange, Mass.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clements Mfg. Co. (Electric Portable), 601-13H Fulton, Chicago, Ill.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connersville Blower Co. (Rotary), Connersville, Ind.
Coppus Engineering & Equipment Co. (Forced Draft), Worcester, Mass.
Cyclone Blow Pipe Co., 2542 W 21st, Chicago, Ill. *See adv index at end of book*

CYCLONE BLOW PIPE CO.
2542-2552 W. 21st Street Chicago, Ill.
Back Pressure Proof Cyclone DUST COLLECTORS, Automatic FURNACE FEEDERS, Slow Speed Steel Plate EXHAUST FANS.
Exhaust and Blow Pipe Systems

De Laval Steam Turbine Co. (Turbine Driven), East Trenton, N. J.
Dixie Mfg. Co., Russell & B. & O. R. R., Baltimore, Md.
Electric Blower Co. ("Marvel"), 350 Atlantic av, Boston, Mass.
Fuller Co., 1565 Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Globe Elec. Co., 6340 Stony Island av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Hackney Ventilating Co., Prior & University, St. Paul, Minn.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Hersh Bros. Co., Allentown, Pa.
Hirshman W. F. Inc., 92H Main, Buffalo, N. Y.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Hope Fan & Blower Co., Kansas City, Mo.
Howard & Morse ("Blackman" & "Duplex Cone"), 45 Fulton, New York
Ill. Electric Ventilating Co., Crawford av, near Diversey blvd., Chicago, Ill.
Indiana Fan Co. ("Indiana"), 40 E South, Indianapolis, Ind.
Ingersoll-Rand Co. ("I-R" Turbo-Electric Motor & Steam Turbine Driven), 11 B'way, New York
See adv index at end of book
KELKER BLOWER CO., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Leiman Bros., 81 Walker, New York
Mathis Bros. Co., S. W. cor. Archer av & Canal, Chicago, Ill.
Massachusetts Blower Co., Watertown, Mass.
Meadons Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
Monarch Engineering & Mfg. Co. (Low Pressure), American bldg, Baltimore, Md.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
Nelson Blower & Furnace Co. ("Nelson" All Kinds), L & Elkins, Boston, Mass.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Factory: Bucyrus, Ohio
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio
Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
Piqua Blower Co. ("Piqua" Rotary & Positive), Piqua, Ohio
Potts D. H. Co. (Fan), Lancaster, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Roots P. H. & F. M. Co. (Rotary), Connersville, Ind.
Rosewater Electric, 5516 Hinsman rd, Cleveland, O.
Roth Bros. & Co. ("Roth"), 1400 W Adams, Chicago, Ill.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Star Drilling Machine Co., Akron, O.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Stockwell & Co. (Small), 229 N. Holliday, Baltimore, Md.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Western Blower Co., 1800 9th av, S Seattle, Wash.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilbraham-Green Blower Co. ("Green" Rotary Pressure), Pottstown, Pa.
Wing L. J. Mfg. Co. ("Type R. E." Turbine Blower), 352 W 13th, New York

936— Blowers (Acid)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
American Blower Co., 1400 Russell, Detroit, Mich.

KELKER BLOWER CO., Inc.
Heating & Ventilating Engineers

MANUFACTURERS OF
Blower, Exhaust and Disc Fans, Dry Kiln and Dust Collecting Systems,
Tanks and Smokestacks. Loading Spouts for Grain, etc.
Light and Heavy Sheet Iron, Steel and Copper Work.
Coppersmiths and General Welding
Metal Spinning

2383 Fillmore Ave., Buffalo, N. Y.

BLOWERS (ACID)—continued
Barney Ventilating Fan Works (**A. B. Franklin, Prop**), 19 Chardon, Boston, Mass.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
CROWELL MFG. CO. ("Crowell"), 319-321 **Franklin av, Brooklyn, N. Y.**
See adv index at end of book
Duriron Castings Co., Dayton, O.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Titusville Iron Co., Titusville, Pa.

936a— *Blowers (Blast)

Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
MacLeod Co. (Sand), 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Blowers (Boiler Flue)

See Cleaners, Boiler Flue or Tube; Soot Blowers & Suckers

936b—*Blowers (Centrifugal Pumps)

ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book

936c— Blowers (Cupola)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Spencer Turbine Co., Hartford, Conn.

937— Blowers (Cycloidal)

Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

938— Blowers (Cyclone)

Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Stauffer Geo. E. (Kitson's for Burning Culm & Slack), E Stroudsburg, Pa.

939— Blowers (Electric)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
American Blower Co., 1400 Russell, Detroit, Mich.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York. *See adv index at end of book*
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clements Mfg. Co. (Portable), 601-13H Fulton, Chicago, Ill.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Diehl Mfg. Co., Elizabeth, N. J.
Electric Blower Co. ("Marvel"), 350 Atlantic av, Boston, Mass.
Emery Chas. W. & Sons ("Cyclone" Portable), 1304 Diamond, Phila., Pa.
Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Garden City Fan Co., 332 S Mich av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Hersh Bros. Co., Allentown, Pa.
KELKER BLOWER CO. INC., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Mass. Blower Co., Watertown, Mass.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Rosewater Elec. Co., 5516 Hinsman rd, Cleveland, O.
Skinner Bros. Mfg. Co., Vandeventer & Boyle, St. Louis, Mo.
Sprague Electric Works, 527 W 34th, New York
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Superior Meter Co. (Also Silent & Anaesthetic), Bush, 254 36th, Brooklyn, N. Y.
Tuerk Water Motor Co., 172 Washington, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

939a— Blowers (Fan)

American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., Worth & Porter, Kalamazoo, Mich.
De Laval Steam Turbine Co., E. Trenton, N. J. *See adv index at end of book*
Garden City Fan Co., 332 S. Michigan, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Hersh & Bro., Allentown, Pa.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Manhattan Rubber Mfg. Co., Passaic, N. J.
Massachusetts Blower Co., Watertown, Mass.
Mine & Smelter Supply Co., Denver, Colo.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
Sturtevant Co., B. F., 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Western Blower Co., Seattle, Wash.

940— Blowers (Forge)

American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Royal," "Western Chief"), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Clarage Fan Co., North & Porter, Kalamazoo, Mich
Cleveland Steam Gauge Co. ("Watson"), 1108 W 9th, Cleveland, O.
Electric Blower Co. ("Marvel" Electric), 350 Atlantic av, Boston, Mass.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Gardner R. Electrical Works ("Greyhound" Electric), 1712 Columbus rd, Cleveland, O.
Green Fuel Economizer Co., Beacon, N. Y.
Hersh Bros. Co., Allentown, Pa.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Ill. Elec. Ventg. Co., Crawford av, near Diversey blvd, Chicago, Ill.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Star Drilling Machine Co., Akron, O.
Sturtevant B. F. Co. ("Sturtevant"), (Electric, etc.), 15 Damon, Hyde Park, Boston, Mass.

941— Blowers (Furnace)

Allington & Curtis Mfg. Co., 53 W. Jackson blvd, Chicago, Ill.
American Blower Co., 1400 Russell, Detroit, Mich.
Astle H. J. & Co., 118 Orange, Providence, R. I.
Buffalo Forge Co., 490 Bway, Buffalo, N. Y.
Beggs James & Co., 30 Warren, New York
See adv index at end of book
Donegan & Swift (Steam, "Swift's Economy"), 6 Murray, New York
GODFREY-KEELER CO. (Steam Spiral), 70 Warren, New York
See adv index at end of book
Hersh Bros. Co., Allentown, Pa.
KELKER BLOWER CO. INC., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Leiman Bros., 81 Walker, New York
Monarch Engng. & Mfg Co., American bldg, Baltimore, Md.
Monarch Soot Remover Co., Inc., 261 Franklin, Boston, Mass.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
New Haven Sand Blast Co., New Haven, Conn.
Rockwell W. S. Co. (Gas & Oil) 50 Church, New York. *See adv index at end of book*
Schutte & Koerting Co. (Undergrate), 1251 N 12th, Phila., Pa.
See adv index at end of book

BLOWERS (Steam Jet)

For undergrate, forced draft. Also for chemical fumes; steam operated; spindle regulated; large capacities; no moving parts.

Schutte & Koerting Company

1251 North 12th St., Philadelphia, Pa.

Wing L. J. Mfg. Co., 352 W 13th, New York

941a—Blowers (Gas Producer)

See also Exhausters, Gas

Buffalo Forge Co., 490 Bway, Buffalo, N. Y.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

942— Blowers (Hand)

See also Forges, Portable

BEACH-RUSS CO., 50G Church, New York. *See adv index at end of book*
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Royal"), **Chicago** Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Roots P. H. & F. M. Co., Connersville, Ind.

942a— *Blowers (Lead)

Schutte & Koerting Co. (Undergrate), 1251 N 12th, Phila., Pa.
See adv index at end of book

943— Blowers (Motor Driven)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Batterman Truit Co. ("Uniblade"), 736 W Monroe, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hersh Bros. Co., Allentown, Pa.
KELKER BLOWER CO. INC., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Symonds Blower Wks., 93 Center, Malden, Mass.

944— Blowers (Organ)

American Blower Co., 1400 Russell, Detroit, Mich.
Backus Water Motor Co., 172 Penna av, Newark, N. J.
Buffalo Forge Co., 490 Bway, Buffalo, N. Y.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kinetic Engng. Co. (also Piano), 60th & Baltimore av, Phila., Pa.
Spencer Turbine Co. ("Orgoblo" or "Spencer" Silent), 484 New Park av, Hartford, Conn.
Tuerk Water Motor Co., 172 Washington, Chicago, Ill.
United Music Stores ("Kleernote" Player Piano Pumps), 619H Cherry, Phila., Pa.

945—Blowers (Positive Pressure)

Abbe Engng. Co., 216-224 B'way, New York
See adv index at end of book
Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
American Blower Co., 1400 Russell, Detroit, Mich.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
BEACH-RUSS CO., 50G Church, New York. *See adv index at end of book*
Buffalo Forge Co., Buffalo, N. Y.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connersville Blower Co. ("Victor"), Connersville, Ind.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Garden City Fan Co., 332 S. Michigan av, Chicago, Ill.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Hoysradt & Case, Kingston, N. Y.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kruger & Blind Co., 511 Master, Phila., Pa.
Leiman Bros., 81 Walker, New York
Mine & Smelter Supply Co., Denver, Colo.
Monarch Engng. & Mfg. Co. ("Monarch" Low Pressure), American bldg, Baltimore, Md.
National-Standard Co. ("Dureco"), P. O. Box 211, Niles, Mich.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
Piqua Blower Co. ("Piqua"), Piqua, Ohio
Provost, Engng. Corp., 216-224 B'way, New York
Rockwell W. S. Co. (For Furnace), 50 Church, New York
See adv index at end of book
Roots P. H. & F. M. Co., Connersville, Ind.
Spencer Turbine Co., Hartford, Conn.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Timmis & Clissold, Bound Brook, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
United States Gas Machine Co., Muskegon, Mich.
Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.
Wing L. J. Mfg. Co. ("Hypress" from 1 to 10 lbs. pressure), 352 W 13th, New York

946—Blowers (Powder, Rubber)

Tyer Rubber Co. ("Tyrian" **red Bulb, Hard Rubber Tube), Andover, Mass.**

Blowers (Pressure)

See Blowers, Positive Pressure; **also** Blowers, Rotary

947— Blowers (Rotary)

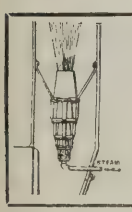
Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York. *See adv index at end of book*
Clarage Fan Co., North & Porter, **Kalamazoo,** Mich.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*
Garden City Fan Co., **332 S Michigan av,** Chicago, Ill.
Hersh Bros. Co., Allentown, Pa.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y. *See adv index at end of book*
Leiman Bros., 81 Walker, New York
Massachusetts Blower Co., Watertown, Mass.
National-Standard Co. ("Dureco"), **P. O. Box 211, Niles, Mich.**
Piqua Blower Co. ("Piqua"), Piqua, Ohio
Reid J. A. Co., Inc. (The), 1500 Miami Chapel, Dayton, Ohio
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.

Blowers (Soot)

See Cleaners, Boiler Flue & Tube; Soot Blowers & Suckers

948— Blowers (Steam Jet)

Am. Steam Conveyor Corp., 326 W Madison, Chicago, Ill.
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Eynon-Evans Corp. (Steam Jet for Gas Producers, etc.), N 15th & Clearfield, Phila., Pa.
Gibson Iron Works Co., 168 1st, Jersey City, N. J.
McClave-Brooks Co. ("McClave's Argand" Steam Blower), Poplar st, Scranton, Pa.
Parson Mfg. Co., 35 Nassau, New York
Rollins Supply Co., 17 W Kinzie, Chicago, Ill.
SCHUTTE & KOERTING CO. (Steam Jet Blowers & Exhausters), 1251 N 12th, Phila., Pa. *See adv index at end of book*



Steam Jet Blowers without casing. For creating induced draft in stacks, ducts, etc. Steam operated. Large capacity; no moving parts. *Catalog 4-B.*

SCHUTTE & KOERTING CO.
1251 North 12th Street
Philadelphia, Pa.

Scranton Pump Co. ("Union"), Scranton, Pa.
Star Drilling Machine Co., Akron, O.
Thacher Propeller & Foundry Corp., Albany, N. Y.

949—Blowers (Turbine Driven)

American Blower Co., 1400 Russell, Detroit, Mich.
Coppus Engineering & Equipment Co., Worcester, Mass.
De Laval Steam Turbine Co., East Trenton, N. J.
General Electric Co. (Driven), Schenectady, N. Y. *See adv index at end of book*
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y. *See adv index at end of book*
Kerr Turbine Co., Wellsville, N. Y.
Nute McGehee Geary Co., H, Broad, Chambersburg, Pa.
Ridgway Dynamo & Engine Co., Ridgway, Pa
Wing L. J. Mfg. Co. ("Wing"), 352 W 13th, New York

950— Blowers (Turbo)

Coe C. T. Co., 31 Clinton, Newark, N. J.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Coppus Engineering & Equipment Co. ("Coppus"), Worcester, Mass.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y. *See adv index at end of book*
Kerr Turbine Co. ("Economy"), Wellsville, N. Y.
Moore Steam Turbine Corp., Dept. H, Wellsville, N. Y.
Power Turbo Blower Co., **347 Madison av,** New York
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Southwark Foundry & Machine Co., **430** Washington av, Phila., Pa.
Spencer Turbine Co., Hartford, Conn.
Sturtevant B. F. Co. ("Sturtevant" Undergrate), 15 Damon, Hyde Park, Boston, Mass.
Worthington Pump & Machy. Corp., **115** B'way, New York *See adv index at end of book*

951—*Blowers (Vacuum Cleaning)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York. *See adv index at end of book*
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*

952—Blowers & Exhausters (Electric)

Allen Engineering & Mfg. Co., Savannah, Ga.
American Blower Co., 1400 Russell, Detroit, Mich.
BAKER E. & CO., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Batterman Truit Co. ("Uniblade" Pulley Driver Blowers), 736 W Monroe, Chicago, Ill.
Buffalo Forge Co. (Pulley Drive), Buffalo, N. Y.
Clarage Fan Co., **North & Porter, Kalamazoo,** Mich.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*
ELECTRIC BLOWER CO. ("Marvel" Electric), 350 Atlantic av, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Green Fuel Economizer Co., **Beacon, N. Y.**
Hersh Bros. Co, Allentown, Pa.
KELKER BLOWER CO., 2383 Fillmore av, Buffalo, N. Y. *See adv index at end of book*
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Massachusetts Blower Co., Watertown, Mass.
Mechanical Appliance Co., Milwaukee, Wis.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Skinner Bros. Mfg. Co., Vandeventer & Boyle, St. Louis, Mo.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa. *See adv index at end of book*

952a— Blue (Chinese)

Fergusson, Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

952b— Blue (Cobalt)

Fergusson, Alex. C. Jr., 474 Chesnut, Phila., Pa. *See adv index at end of book*
Waldo E. M. & F., 11 B'way, New York

952c— Blue (Milori)

Fergusson, Alex. C. Jr., 474 Chesnut, Phila., Pa. *See adv index at end of book*

953— Blue Powder

Drakenfeld B. F. & Co., 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

954—Blue Print Cars & Frames

Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Fritz Mfg. Co. (Frames), Grand Rapids, Mich.
Keuffel & Esser Co. (Frames), Hoboken N. J.
Weber F. & Co., 1220 Buttonwood, Phila., Pa.

Blue Print Cases

See Blue Print Filing Cabinets

955—Blue Print Coating Machines

Pease C. F. Co. (Sanitizing), 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.

956-7—Blue Print Filing Cabinets

American Drafting Furniture Co. ("American"), 129 Mill, Rochester, N. Y.
Cleveland Wire Spring Co. (Steel), 1281 E. 38th, Cleveland, O.
Darby Edw. & Sons Co. (Steel), 412 N. 18th, Phila., Pa.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Economy Drawing Table & Mfg. Co., Adrien, Mich.
Edwards O. M. Co., Inc., ("Edwards" Steel), Syracuse, N. Y.
Elliott B. K. Co. (Steel or Wood), 126 6th, Pittsburgh, Pa.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Fritz Mfg. Co. (Frames), Grand Rapids, Mich.
General Fireproofing Co. ("G-F Allsted"), Youngstown, O. *See adv index at end of book*
Hamilton Mfg. Co. (Wood & Metal), Two Rivers, Wis.
Keuffel & Esser Co., Hoboken, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Rowe Henry Mfg. Co., Newaygo, Mich.
Sharlow Bros. Co. (also Moving Picture Reel), 442 W 42nd, New York
Weber F. & Co., 1220 Buttonwood, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

Blue Print Frames

See Blue Print Cars & Frames

958—*Blue Print Lamps & Carbons

See also Lamps (Blue Print)

Pease C. F. Co. (Arc), 820 N Franklin, Chicago, Ill. *See adv index at end of book*
WAGENHORST J. H. & CO., Youngstown, O.

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Photo Prints
Litho Prints
Blue Print Cloths
Brown Print Papers
Negative Papers
Blue Print Papers
C. B. Prints

959—Blue Print Trimming Tables

Pease C. F. Co. (Hand or Power), 820 N Franklin, Chicago, Ill.
See adv index at end of book

960-1—Blue Print Washing & Drying Machines

ACME BLUE PRINT PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book

PEASE C. F. CO. (Single Sheet & Continuous Automatic), 820 N Franklin, Chicago, Ill. *See adv index at end of book*

Post Frederick Co. ("Simplex"), 319 S Wabash av, Chicago, Ill.

Williams, Brown & Earle ("Franklin"), 916 Chestnut, Phila., Pa.

Blue Printing

See Blue & Black Prints & Papers

962—Blue Printing Machines

Buckeye Engine Co. ("Buckeye" Electric), Salem, O.

Buffalo Blue Print Co. ("Universal"), Builders' Exchange, Buffalo, N. Y.

Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.

Elliott B. K. Co., 126 6th, Pittsburgh, Pa.

Keuffel & Esser Co. (Continuous), Hoboken, N. J.

Paragon Machine Co. (Electric), Rochester, N. Y.

PEASE C. F. CO., (Vertical & Continuous Automatic), 820 N Franklin, Chicago, Ill. *See adv index at end of book*

Post Fred'k Co. ("Simplex" Electric, Continuous Blue Print Machine), 3635 Clark, Chicago, Ill.

Revolute Machine Co. ("Everett-McAdam" Continuous Electric), 417 E 93d, New York

Shaw Blue Print Machine Co., Campbell, Newark, N. J.

U. S. Blue Print Paper Co., 327 S La Salle, Chicago, Ill.

WAGENHORST J. H. & CO. ("Wagenhorst" Vertical Automatic & Flat Glass Continuous Elec. Blue Printers), Youngstown, O.

Weber F. & Co., 1220 Buttonwood, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*

Wickes Bros. (Electric), Saginaw, Mich.

Williams, Brown & Earle ("Aurora" & "Express"), 916 Chestnut, Phila., Pa.

962a—Blue Printing Requisites

See also Specific Headings

Pease C. F. Co., 820 N Franklin, Chicago, Ill.
See adv index at end of book

962b— Blue (Prussian)

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Kohnstamm H. & Co., 89 Park pl, New York

962c— Blue (Soluble)

Dicks David & Co., Inc., Varick & N Moore, New York

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

Blue Vitriol

See Chemicals, Battery, with the words Blue Vitriol following their names
See also Copper Sulphate

Blue & Black Printing

See Blue & Black Prints & Papers

963—Blue & Black Prints & Papers

ACME BLUE PRINT PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book

Aloe A. S. Co., 513 Olive, St. Louis, Mo.

American Blue Print Co., 30 E 42d, New York

AMERICAN BLUE PRINT PAPER CO., 445 Plymouth ct, Chicago, Ill.

Amsler Blue Print Co., 30 Church, New York

Architects' & Engineers' Supply Co., 913 Grandar, Kansas City, Mo.

Barclay D. & Sons, 1515 Sansom, Phila., Pa.

Beatty Fred W., 39 Ann, New York

Birmingham Blue Print Co. (Blue Prints), Birmingham, Ala.

Blue Print Co., 101 Park av, New York

Blumhard C. A. Blue Paper Co., 38 S 6th, Phila., Pa.

Boston Blue Print Co., 12 India, Boston, Mass.

Brown L. L. Paper Co. (Linen Ledger), Adams, Mass.

Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.

Cardwell Blue Print & Supply Co., Denver, Colo.

Cole H. Co., 68 E Gay, Columbus, O.

Concourse Blue Print Co., 52 Vanderbilt av, New York

Crofoot Nielsen & Co., 172 W Washington, Chicago, Ill. *See adv index at end of book*

Crofoot, Nielsen & Co.

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Blue Print Paper and Drawing Materials

Defiance Mfg. Co., 22 E 41st, New York

Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.

Electro Sun Co., Inc. (Brown), 161 Washington, New York

Elliott B. K. Co. (Blue Print & Brown Print Papers & Cloth), 126 6th, Pittsburgh, Pa.

Erie Electric Blue Print Co., Erie, Pa.

Frey Louis & Co. ("Bertsch" Imported), 50 John, New York

Frost & Adams Co., 25 Arch, Boston, Mass.

Hewlett Geo. B., 32 Front, New York

Huey & Co., 59 E Adams, Chicago, Ill.

Indianapolis Blue Print & Supply Co., Century bldg, Indianapolis, Ind.

Keuffel & Esser Co., Hoboken, N. J.

Keystone Blue Paper Co., 910 Filbert, Phila., Pa.

Kolesch & Co., 138 Fulton, New York

Ledder & Probst, 21 Pearl, Boston, Mass.

McNair Alex. & Co., 5 N. La Salle, Chicago, Ill.

Makepeace B. L., 387 Washington, Boston, Mass.

Multi-Color Copying Co., 125 Woodward av, Detroit, Mich.

National Blue Print Co., 110 W 32nd, New York

New York Blue Print Paper Co. ("Gold Seal," "Superior," also Brown), 102 Reade, New York

New York Multi-Color Copying Co., 25 Pearl, New York

Pease C. F. Co., 820 N Franklin, Chicago, Ill.
See adv index at end of book

Peerless Blue Print Co., 341 5th av, New York

Post Frederick Co. ("Post's," "Commercial," "Primo," "Standard," "Primo-Sepia-Solar," "Corona"), 319 S Wabash av, Chicago, Ill.

Providence Electric Blue Printing Co., 86 Weybosset, Providence, R. I.

Queen City Blue Print Co., 124 Government pl, Cincinnati, O.

Revolute Mach. Co., 417 E 93d, New York

Rexim Co. (Blacklined Reproduction Process), 908 Chestnut, Phila., Pa.

Rochester Blue Printing Co., Rochester, N. Y.

Robbins Chas. H., Jr., 125 S 11th, Phila., Pa.

Rogers & Co., 521 Marquette av, Minneapolis, Minn.

St. Louis Blue Print & Supply Co., 314 N. 6th, St. Louis, Mo.

Shaw Blue Print Machine Co., 11 Campbell, Newark, N. J.

Shays J. R., 145 Greenwich, New York

Smith G. W. & Co., Inc., 49th & Botanic, Phila., Pa.

Spaulding Moss Co., 42 Franklin, Boston, Mass.

Taws Henry M., 920 Arch, Phila., Pa.

Technical Supply Co. ("Tec"), Scranton, Pa.

United States Blue Print Paper Co., 327 S La Salle, Chicago, Ill.

Wagenhorst J. H. & Co., Youngstown, O.

Weber F. & Co., 1220 Buttonwood, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md.

Weil J. H. & Co., 1300 Arch, Phila., Pa.

Western Blue Print Co., Gumbel bldg, Kansas City, Mo.

Williams, Brown & Earle ("Aurora"), 916 Chestnut, Phila., Pa.

963a— Bluing (Laundry)

Bluine Mfg. Co., Dept. H, Concord, Mass.

Cooper & Cooper, Inc., 23 Cliff, New York

Diamond, McConnell & Co. ("Kuttyhunk"), 409H N 4th, Phila., Pa.

Ford Luther & Co., 260H 1st av, Minneapolis, Minn.

Hirsh Leon & Son, 368H Greenwich, New York

Kohnstamm H. & Co., 93 Park pl, New York

Reckitts (U. S. A.), Ltd., 90H W B'way, New York

Sawyer Crystal Blue Co., 88H Broad, New York

Standard Ultramarine Co., Huntington, W. Va.

Ultramarine Co., Potter bldg, New Yorrk

Waldo E. M. & F., 11 B'way, New York

Whittaker, Clark & Daniels, Inc., 250 Front, New York

963b—Boards (Asbestos Panel)

Alignum Fireproof Products Co., Inc., So. River, N. J., & 356 Lexington av, New York *See adv index at end of book*

Buffalo Forge Co., 490 B'way, Buffalo, N. Y.

964— Boards (Binders')

See also Box Board Mfrs.

Albey Bros., 149 Meeker av, Newark, N. J.

American Straw Board Co., B'way & 42d, New York

Boehme & Rauch Co., Monroe, Mich.

Brookside Paper Co., S Manchester, Conn.

Case & Risley Press Paper Co., Oneco, Conn.

Davey E. H. Co., Bloomfield, N. J.

Davey W. O. & Sons, 169 Laidlaw av, Jersey City, N. J.

Fandango Mills, Millburn, N. J.

Foulds William Co., Manchester, Conn.

Hartford Board Co., Hartford, Conn.

Haverhill Box Board Co., Haverhill, Mass.

HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*

Ingalls & Co. (Mill), Castleton, N. Y.

Kerr Paper Mill Co., E Downington, Pa.

La Boiteaux, C. L. Co., 1st Nat'l Bk. bldg Cincinnati, O.

Merion Paper Co., Bellevue Court bldg Phila., Pa.

Monroe Binder Board Co., Monroe, Mich.

Muir James A., Morristown, N. J.

Naubuc Paper Co., Glastonbury, Conn.

Norton C. H., N Westchester, Conn.

Otter River Board Co., Otter River, Mass

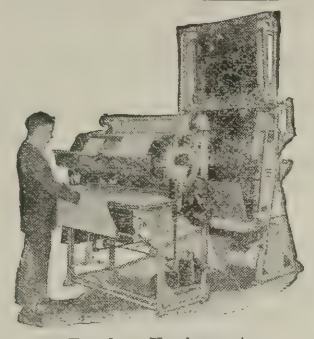
Palmer Willis B., Doe Run, Pa.

Perkiomen Paper Co., Pennsburg, Pa.

Riverside Paper Mfg. Co., The, Glastonbury, Conn.

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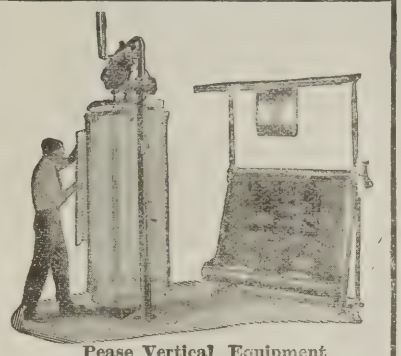
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United Paperboard Co., 171 Madison av, New York
Wasuc Mills Co., S Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

965—Boards (Bread, Pastry, Etc.)

Albion Wood & Metal Products Co., Inc., Albion, N. Y.
Biddeford Variety Mfg. Co., Biddeford, Me.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich av, Minneapolis, Minn.
Empire Co., North Girard, Pa.
Estes E. B. & Sons (Bread), 364 5th av, New York. *See adv index at end of book*
Imperial Mfg. Co. ("Ideal," "American"), Cambridge, Ohio
Peirce W. E. & Co., Milford, N. H.
Specialty Mfg. Co., Titusville, Pa.
Stiles H. A. & Co. (also Noodle), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stokes Wm. A. & Co., 50 Howard, New York
Union Mfg. Co., Cambridge, O.

966— Boards (Builders)

See also Wall Boards

Boehme & Rauch Co., Monroe, Mich.
Ingalls & Co. (Mill), Castleton, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Monroe Binder Board Co., Monroe, Mich.
United Paperboard Co., 171 Madison av., New York
UPSON CO., Lockport, N. Y.
See adv index at end of book

Boards (Bulletin)

See Bulletin Boards

967— Boards (Cake)

Biddeford Variety Mfg. Co., Biddeford, Me.
Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book
Getz M & Co., 162 First, San Fransisco, Cal.

968— Boards (Clip & File)

American Mfg. Concern (With or Without Fixtures), Falconer, N. Y.

969— Boards (Cloth)

Bridge's A. D. Sons, Hazardville, Conn.
Cady Geo. L. & Sons, Lowell, Mass.
Case Bros., Highland Park, Conn.
Chaffee Bros. Co., Oxford, Mass.
Darling C. P. Co., 415 Charles, Providence, R. I.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
Lawrence Lumber Co., Lawrence, Mass.
Nashua Spool & Bobbin Co. (Wood & Pulp), Grove Hall Station, Boston, Mass.
Pingree D. W. Co., Lawrence, Mass.
Providence Box & Lumber Co., 1102 Cranston, Providence, R. I.
Thompson Jas. A., Lowell, Mass.

970— Boards (Cutting)

Davey W. O. & Sons, 169 Laidlaw av, Jersey City, N. J.
Irish Bros. Co., Buckfield, Me.
New York Wood Working Corp., 502 E 19th, New York
Tolhurst Machine Works (For Shirt, Neckwear, Corset & Collar Factories, etc), Troy, N. Y.

971— Boards (Drawing)

ACME BLUE PRINT PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book
Defiance Mfg. Co., 22 E 41st, New York
Economy Drawing Table & Mfg. Co., Adrian, Mich.
Keuffel & Esser Co., Hoboken, N. J.
Rowe Henry Mfg. Co., Newaygo, Mich.

972— Boards (Fibre)

Continental Fibre Co. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
Danvers Leather Co., 161 Devonshire, Boston, Mass.
DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*
Endicott-Johnson & Co., Endicott, N. Y.
Ft. Wayne Corrugated Paper Co., Hartford, Ind.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Pantasote Co. ("Homasote," "Vehisote," & "Agasote"), 11 B'way, New York
River Raisin Paper Co., Monroe, Mich.
Rockford Paper Box Board Co., Rockford, Ill.
Rogers Fibre Co. (Spool & Form), 121 Beach, Boston, Mass.
See adv index at end of book
Spaulding J. & Sons Co., N Rochester, N. H. *See adv index at end of book*
Stowe J. D. & Sons, Scitico, Conn.
United Paperboard Co., 171 Madison av, New York
UPSON CO., Lockport, N. Y.
See adv index at end of book
Wasuc Mills Co., South Glastonbury, Conn.

973— Boards (Friction)

Davey E. H. Co., Bloomfield, N. J.
DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
Graham Paper Co. (Paper), 11th & Spruce, St. Louis, Mo.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*

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Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

Ingalls & Co. (Mill), Castleton, N. Y.
Leo James Co., 251 Varick, Jersey City, N. J.
Manhattan Straw Board Co., B'way & 42d, New York
Rogers Fibre Co., 121 Beach, Boston, Mass.
Seeley Paper Mills Co., Scotch Plains, N. J.
Spaulding J. & Sons Co., N Rochester, N. H.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
Wasuc Mills Co., S Glastonbury, Conn.

973a— Boards (Game)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Carrom Co. ("Carrom," "Crokinole"), Ludington, Mich.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

974— *Boards (Gauge)

SCHAEFFER & BUDENBERG MFG. CO. (Marble, Slate, Hardwood, Metal), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

975— Boards (Glass Cutting)

Lufkin Rule Co., Saginaw, Mich.

976— Boards (Hanger)

Brady Electric Mfg. Co. (Arc Lamp), New Britain, Conn.
Bryant Elec. Co., Bridgeport, Conn.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Arc Lamp), Schenectady, N. Y.
See adv index at end of book
Lundin Electric & Machine Co. ("Arc Lamp" with absolute cut-out), 10 Thatcher, Boston, Mass.
Paiste H. T. Co. (Fusible), 3201 Arch, Phila., Pa.

Boards (Hosiery)

See Hosiery Boards

977—Boards (Insulating Press)

HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
Manning John A. Paper Co., Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

978— Boards (Ironing)

Acme Mfg. Co. ("Acme," Plain & Shirt & Sleeve), 1806 East, Pittsburgh, Pa.
Albion Wood & Metal Products Co., Inc. (also Skirt & Sleeve), Albion, N. Y.
Austell Swing & Ladder Co., Austell, Ga.
Brook Novelty Co., Brook, Ind.
Bryant Mfg. Co., Springfield, O.
Cardington Cabinet Co., Cardington, O.
Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
Chicago Dryer Co. ("Chicago"), 630 S Wabash av, Chicago, Ill.
Christman A. G. Co. ("Royal"), Reading, Pa.
Clark J. R. & Co. 2nd av N & Aldrich av, Minneapolis, Minn.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Davis John B. (Plain & Shirt), Clinton, Me.
Dillingham Mfg. Co. (Folding), Sheboygan, Wis.
Eclipse Co. ("Eclipse," "Eureka," Sleeve, etc), North Girard, Pa.
Eisenmann S. J. ("Avon"), 369 B'way, New York
Fisher Adam Mfg. Co. (Step Ladder Combination), 3624 Enright, St. Louis, Mo. Mo.
Forsyth Wm. & Sons Co., West Lynn, Mass.
Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
Holmquist & Co. ("Home Kissed," Bosom, Shirt, Sleeve, etc.), 2814 W. 26th, Chicago, Ill.

BOARDS (IRONING)—continued
Milford Mfg. Co. ("Perfection," Reversible Sleeve & Bosom & Collapsible Sleeve), Mansfield, O.
Modern Mfg. Co., Hagerstown, Md.
Moulton C. W. H. Co., Somerville, Mass.
Mueller H. G. Mfg. Co., Sheboygan, Wis.
Murphy Door Bed Co. ("Murphy" Cabinet), 22 W Monroe, Chicago, Ill.
National Mill & Lumber Co., 318 Market, San Francisco, Cal.
National Woodenware Co., Ltd., Grand Rapids, Mich.
Oregon Woodenware Mfg. Co. ("Springer" Folding), Portland, Ore.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Rogers Paper Mfg. Co., So. Manchester, Conn.
Specialty Mfg. Co., Titusville, Pa.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. ("Steinfeld," also Shirt), 116 W 32nd, New York
Stiles H. A. & Co. (Skirt & Sleeve), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stokes Wm. A. & Co., 50 Howard, New York
Tyrone Ironing Board Co. ("McKinney," Reversible Sleeve & Bosom), Tyrone, Pa.
Udell Works ("Udell"), Indianapolis, Ind.
Young Bros. Co., Worcester, Mass.

979— Boards (Jute)

See also Box Board Mfrs

Auglaize Box Board Co., St. Marys, O.
Fort Wayne Corrugated Paper Co., Hartford City, Ind.
Franklin Board & Paper Co., Franklin, O.
Gardner-Harvey Paper Co. (Plain or Oak Grain), Middletown, O.
Harvey Paper Co., Wellsburg, W. Va.
La Boiteaux, C. L. Co., 1st Nat'l Bk. bldg, Cincinnati, O.
Lewis J. P. Co., Beaver Falls, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Marion Paper Co. (Plain or Grained), Marion, Ind.
National Paper Products Co. (Test Liner), 1789H Montgomery, San Francisco, Cal.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Richardson Paper Co., Wyoming & Cooper av, Lockland, O.
Rockford Paper Box Board Co., Rockford, Ill.
United Paper Board Co., 171 Madison av, New York

980— Boards (Leather)

Case Board Co., Andover, Conn.
Cushman & Rankin Co., Bath, N. H.
Danvers Leather Co., 161 Devonshire, Boston, Mass.
Davis Paper Co., Contoocook, N. H.
Endicott-Johnson & Co., Endicott, N. Y.
Foulds Wm. Co., Manchester, Conn.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
Ingalls & Co. (Mill), Castleton, N. Y.
Jenkins Geo. O., Whitman, Mass.
Kerr Paper Mill Co., East Downington, Pa.
Lancaster Leather Co., Lancaster, O.
Milton Leather Board Co., Milton, N. H.
Muir James A., Morristown, N. J.
Naubuc Paper Co., Glastonbury, Conn.
Nichols N. J. Co., South Coventry, Conn.
Passumpsic Fibre Leather Co., Passumpsic, Vt.
Rogers Fibre Co., 121 Beach, Boston, Mass.
Rogers Paper Mfg. Co., So Manchester, Conn.
Sherman & Co., Belfast, Me.

981— Boards (Mat)

Case A. Williard Co., Manchester, Conn.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
National Card Mat & Board Co., 218 W Superior, Chicago, Ill.
South Coventry Paper Co., South Coventry, Conn.
Spaulding J. & Sons Co., North Rochester, N. H. *See adv index at end of book*
Stowe J. D. & Sons, Scitico, Conn.
Wasuc Mills Co., South Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

982— Boards (News)

HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
McEwan Bros., Whippany, N. J.
Westport Paper Co., Westport, Conn.

Boards (Panel, Etc.)

See Switchboards, Light & Power

982b—*Boards (Paper Hangers)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

983— Boards (Pattern)

See also Boards, Binders'; also Lumber, Templet

Boehme & Rauch Co. (Paper Board), Monroe, Mich.
DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
HEWITT C. B. & BROS. ("A. B. C."), 20 Ferry, New York
See adv index at end of book

Monroe Binder Board Co., Monroe, Mich.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

983a— *Boards (Peg)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

984—Boards (Printers' Engraving)

Setter Bros. Co., Cattaraugus, N. Y.

984a— *Boards (Punch)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

985—Boards (Shoveling & End Gate)

Beggs Wagon Co. ("Acme"), Kansas City, Mo.
Bristol & Gale Co. ("Lakeside"), 158 Carroll av, Chicago, Ill.
Clippinger A. B. & Son Mfg. Co. ("A. B. C."), Kansas City, Kan.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Dain Mfg. Co., Ottumwa, Ia.
Dectaur Mfg. Co., Decatur, Ill.
Ernsdorff John Iron Co., Dubuque, Ia.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Hayes Pump & Planter Co. ("B. B.," "Boss," "Perkins," "Ruby"), Galva, Ill.
Hunt, Helm Ferris & Co. ("Star"), Harvard, Ill.
Klondike Incubator Co. ("Wilde"), Des Moines, Ia.
Knapheide Henry Wagon Co. ("Korn King"), Quincy, Ill.
Litchfield Mfg. Co. ("Grain King"), Waterloo, Ia.
Mandt Wagon Co., Stoughton, Wis.
Nagley Mfg. Co. ("The Sampson"), Lyons, N. Y.
Peoria Drill & Seeder Co. ("Big Four," "Great Northern," "H. & A." "It's a Corker," "Luthe," "Midland." "O-K," "Valley City"), Peoria, Ill.
Standard Mfg. Co., Council Bluffs, Ia.
Stoughton Wagon Co., Stoughton, Wis.
Sturgis W. B. & Sons ("New Western"), Shelbyville, Ill.
True Mfg. Co. ("New Western"), Eaton Rapids, Mich.
Turnbull Motor Truck & Wagon Co., Defiance, O.

986— Boards (Sounding)

Breckwoldt J. & Co., Dolgeville, N. Y.
Posey Mfg. Co., Hoquiam, Wash.

986a— *Boards (Starch)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Getz M & Co, 162 First, San Francisco, Cal.

987— Boards (Stencil)

Bradley A. J. Mfg. Co., 101 Beekman, New York *See adv index at end of book*
Matthews James H. & Co. (& Supplies), 3942 Forbes, Pittsburgh, Pa.
UNION PAPER TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Paperboard Co. (Unoiled), 171 Madison av, New York

Boards (Straw)

See Straw Board Mfrs.

988— Boards (Tar)

DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*

Boards (Templet)

See Boards, Pattern; also Lumber, Templet

989— Boards (Trunk)

Albey Bros., 149 Meeker av, Newark, N. J.
DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*
Norton C. H., North Westchester, Conn.
Perkiomen Paper Co., Pennsburg, Pa.
Rogers Fibre Co., 121 Beach, Boston, Mass.
Westport Paper Co., Westport, Conn.

989a— Boat Boards

Juniper Lumber Co., Inc. (White Cedar or Flitch Sawn), Ivanhoe, N. Car.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

990— Boats (Cat)

American Boat Co., Detroit, Mich.
Crosby D. & Son, Osterville, Mass.
Crosby Wilton, Osterville, Mass.
Hansen A., ft. Bay 35th, Brooklyn, N. Y.

Boats (Collapsible)

See Boats & Rafts, Life

990a— Boats (Combustion)

Ohio Pottery Co. (Porcelain), Zanesville, O.

991— Boats (Flying)

Burgess Co., Marblehead, Mass.
Curtis Aeroplane & Motor Corp., 1912 Elmwood, Buffalo, N. Y.

992— Boats (Folding)

Acme Folding Boat Co., Miamisburg, O.
King Folding Canvas Boat Co., Kalamazoo, Mich.

993— Boats (Knocked-Down)

Brooks Mfg. Co., Saginaw, Mich.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Neumeister Fred P. & Co., Rockford, Ill.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Pioneer Boat & Pattern Co., Bay City, Mich.
Racine Boat Co., Racine, Wis.
St. Louis Boat & Engine Co., St. Louis, Mo.

Boats (Motor)

See Motor Boat, Launch & Yacht Builders

994— Boats (Steel)

See also Motor Boat, Launch & Yacht Builders

American Balsa Co., Inc., 50 E 42d, New York
Dubuque Boat & Boiler Works, Dubuque, Ia.
Ferguson Steel & Iron Co., Buffalo, N. Y.
Michigan Steel Boat Co., Kercheval & Connors, Detroit, Mich.
Midland Barge Co., Midland, Pa.
Mullins Body Corp. (Launches, etc.), 3414 , Franklin, Salem, Ohio
New York Shipbuilding Co., Camden, N. J.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Racine Boat Co., Racine, Wis.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.

995— Boats (Stone)

Belcher & Taylor Agricultural Tool Co. (& Fronts), Chicopee Falls, Mass.
Dickinson Rack Co., Stockbridge, Mich.
Dutton E. Q. & Co. (& Fronts), Cato, N. Y.
Eddy W. Plow Co. (& Fronts), Greenwich, N. Y.
Patterson Mfg. Co., Holly, Mich.

996— Boats (Tow or Tug)

American Tug Boat Co., Everette, Wash.
Atlantic Works, 80 Border, East Boston, Mass.
Conwoy Towboat Co., Covington, Ky.
Cowles Shipyard Co., Buffalo, N. Y.
Harlan & Hollingsworth Corp., Wilmington, Del.
Lake Erie Drydock & Mill Co., Sandusky, O.
Lake Shipbuilding Co., Buffalo, N. Y.
Leathen & Smith Towing & Wrecking Co., Sturgeon Bay, Wis.
Noecker & Ake Shipbuilding Co., Camden, N. J.
Portland Co., Portland, Me.
Pusey & Jones Co., Wilmington, Del.
Racine Boat Co., Racine, Wis.
Rees James & Sons Co., 18 4th, Pittsburgh, Pa.

997-8-9—Boats & Rafts (Life)

American Balsa Co., Inc. (Metallic Self-Baling & Self-Righting; also "A. B. C." Balsa Rafts), 50 E. 42nd, New York
American Ship Building Co., Ft. of W 54th, Cleveland, O.
Astoria Boat Wks & Marine Equipment Co., Inc., Astoria, L. I., N. Y.
Detroit Shipbuilding Co. ("Kirby" Metallic "Clark's" Metallic), Brass Dept, ft. Orleans, Detroit, Mich.
Drein Thos. & Son Co. (Metallic), A, Wilmington, Del.
Galbraith C. C. Son, 117H West, New York
Kahnweiler's David Sons (Metallic & Wooden), 260 Front, New York
Lane C. M. Life Boat Co. (Metallic & Wooden; also "Englehardt" Collapsible), 250 Huron, Brooklyn, N. Y.
Mobile Steel Co. (Metal), Mobile, Ala.
Munn Thos. C. Co., Wilmington, Del.
New York Shipbuilding Co., Camden, N. J.
Racine Boat Co. (Metallic), Racine, Wis.
Steward Dairt & Equipment Corp., 17 Battery pl, New York

1000—Bodies (Commercial, Automomobile, Metal)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.

American Auto Trimming Co., Taft av, Cleveland, Ohio
Archer Iron Works (Steel), 2436 W 34th pl, Chicago, Ill.
Armstrong M. Co., 433 Chapel, New Haven, Conn.
Auto Body Co., Lansing, Mich.
Baker R. & S. Co. ("Raulang" Aluminum Panel), 2180 W 25th, Cleveland, Ohio
Barney & Smith Car Co., Dayton, Ohio
Budd Edward G. Mfg. Co. (Pressed Steel), 25th & Hunting Park av, Phila., Pa.
Coast Engine & Machine Works, E Water & Taylor, Portland, Ore.
Collins R. N. Vehicle Woodwork Co., 3900 Chouteau av, St. Louis, Mo.
Columbian Steel Tank Co., 1601 W 12th, Kansas City, Mo.
Fitzgibbon & Crisp, Trenton, N. J.
Gibbes Machy. Co., Columbia, S. C.
Hayes Mfg. Co., 480 Maybury, Detroit, Mich.
Heil Co. (Hoisting, Elevating, Dumping & Steel), 26th & Montana avs. Milwaukee, Wis.
Holan James Mfg. Co., 3809 Clark av, Cleveland, O.
Holcker-Elberg Mfg. Co., N E cor 16th & McGee, Kansas City, Mo.
Hughes-Keenan Co. (Pressed Steel), Dept. H, Mansfield, O.
Hydro-Hoist Co. (Steel Dump), 26th & Montana avs. Milwaukee, Wis.
Interstate Bridge Forge Mfg. Co. (Steel Truck Bodies), 207 Market, Newark, N. J.
Ketler-Elliott Co. ("Ketoco" Steel), 31st & California, Chicago, Ill.
Keystone Vehicle Co., Reading, Pa.
KILBOURNE & JACOBS MFG. CO. (Steel Motor Truck Bodies), Columbus, O.
See adv index at end of book
Lee Trailer & Body Co. ("Lee" Sectional & Industrial, steel end & side dumping), 2343 S La Salle, Chicago, Ill.
Littleford Bros. (Steel Truck), 453 E Pearl, Cincinnati, O.
Mansfield Steel Corp., 288 E Milwaukee av, Detroit, Mich.
Mifflinburg Body Co., Mifflinburg, Pa.
Miller A. J. & Co., Bellefontaine, O.
Mullins Body Corp. (Special Designs), Dept. H, Salem, Ohio
Mullins W. H. Co., 341 Franklin, Salem, O.
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio
Pettis W. W. Co., 416 1st Natl Bank bldg, Cincinnati, O.
Pirsch, Peter & Co., Kenosha, Wis.
Proctor-Keefe Co., 7741H Dix av, Detroit, Mich.
Schubert August Wagon Co., Oneida, N. Y.
Sidney Mfg. Co., Sidney, O.
South Bend Spring Wagon & Carriage Co., South Bend, Ind.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stover Steel Tank Co., Freeport, Ill.
Wadsworth Mfg. Co., 1600 Kercheval, Detroit, Mich.
York Carriage Co., York, Pa.

1001—Bodies (Commercial, Automobile, Wood)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Proctor-Keefe Co., 7741H Dix av, Detroit, Mich.
American Auto Trimming Co., Taft av, Cleveland, Ohio
American Body Co., 1200 Niagara, Buffalo, N. Y.
American Body Co., 2715H Commerce, Dallas, Texas
Ames Body Corp., Owensboro, Ky.
Armstrong-Johnston Mfg. Co. (Auto Truck Bodies), Columbus, O.
Armstrong M. Co., 433 Chapel, New Haven, Conn.
Auto Body Co., Lansing, Mich.
Babcock H. H. Co., Watertown, N. Y
Badger Auto Body Co., 209 Hanover, Milwaukee, Wis.
Barnett Auto Body Co., 425 Golden Gate, San Francisco, Calif.
Barney & Smith Car Co., Dayton, Ohio
Brill J. G. Co., 62d & Woodland, Phila., Pa.
Brownell & Burt, Taunton, Mass.
Cottage Grove Mfg. Co. (For Fords), 3912 Langley av, Cleveland, Ohio
Columbia Wagon Co., Columbia, Pa.
Currier-Cameron Co., 85 Elm, Amesbury, Mass.
Dann Bros. & Co., New Haven, Conn.
Eagle Wagon Wks., Dept. H, Auburn, N. Y.
Fitzgibbon & Crisp, Trenton, N. J.
Frazier W. S. & Co., Aurora, Ill.
Globe Body Co., Fostoria, Ohio
Highland Body Mfg. Co. (Bodies & Seats for Motor Trucks), Center Hill av, & C. H. & D. R. R., Elmwood, Cincinnati, O.
Holan James Mfg. Co., 3809 Clark av, Cleveland, O.
Jennings Automatic Dump Body, Inc., Roanoke, Va.
Lansing Body Co., Lansing, Mich.
Lantz W. R. Mfg. & Supply Co. (Truck), Muskogee, Okla.
Lee Loader & Body Co., 2343 S La Salle, Chicago, Ill.
Milburn Wagon Co., Toledo, O.
Mulholland Co., Dunkirk, N. Y.
New Haven Carriage Co., New Haven, Conn.
Pettis W. W. Co., 416 1st Natl Bank bldg, Cincinnati, O.
Press Jacob & Sons, 300 N Halsted, Chicago, Ill.
Proctor-Keefe Co., 7741H Dix av, Detroit, Mich.
Rech-Marbaker Co., Dept. H, 8th & Girard av, Phila., Pa.
Sargent & Ham Co., 26 Bowker, Boston, Mass.
Schukraft Wm. & Sons, 941 Fulton, Chicago, Ill.
Springfield Commercial Body Co., Springfield, Mass.
Sullivan Motor Truck Corp., 1703H East av, Rochester, N. Y.
Syska Bros., 46 Bergen, Brooklyn, N. Y.
Tegetmeier & Riepe Co., 771 1st av, New York
Truck Engineering Co., B'way & E 71st, Cleveland, O.
Wentworth Body Co., Boston, Mass.
York Carriage Co., York, Pa.

1001a—Bodies (Passenger, Automobile, Metal)

American Motor Body Co., 18th & Leigh av, Phila., Pa.
Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Biddle & Smart Co., Amesbury, Mass.
Blue Ribbon Body Co., Bridgeport, Conn.
Briggs Body Co., Amesbury, Mass.
Budd Edward G. Mfg. Co., 25th & Hunting Park av, Phila., Pa.
Collins R. N. Vehicle Woodwork Co., 3900 Chouteau av, St. Louis, Mo.
Currier, Cameron Co., Amesbury, Mass.
Farnham & Nelson Co., Jamaica pl, Boston, Mass.
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Fleetwood Metal Body Co., Fleetwood, Pa.
Hayes-Ionia Co., Ionia, Mich.
Hayes Mfg. Co., 458 Maybury, Detroit, Mich.
Hollander & Morrill, Amesbury, Mass.
Immel Co., 1687 S High, Columbus, Ohio
Judkins J. P. Co., Merrimac, Mass.
Ketler-Elliott Co. ("Kotoco" Steel), 31st & California, Chicago, Ill.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Lang Body Co., 3088 W 106th, Cleveland, Ohio
Meister A. & Sons Co., Sacramento, Cal.
Miller A. J. & Co., Bellefontaine, Ohio
New Haven Carriage Co., New Haven, Conn.
Niagara Auto Radiator Co., 151 W 68th, New York
Racine Mfg. Co., Racine, Wis.
Sidney Mfg. Co., Sidney, Ohio
Sterling Top & Equipment Co., 518 W 57th, New York
Stewart W. F. Co., Flint, Mich.
Union City Body Co., Union City, Ind.
Walker Wells Co., Amesbury, Mass.
Willoughby Co., Utica, N. Y.
Wilson C. R. Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.

1001b—Bodies (Passenger, Automobile, Wood)

Abresch Chas. C., 399 4th, Milwaukee, Wis.
American Body Co., 1200 Niagara, Buffalo, N. Y.
Ames Body Corp., Owensboro, Ky.
Auto Body Co., Lansing, Mich.
Auto Remodeling Co., 1505 S Michigan av, Chicago, Ill.
Babcock H. H. Co., Dept H, Watertown, N. Y.
Blue Ribbon Body Co., Bridgeport, Conn.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Bridgeport Body Co., Bridgeport, Conn.
Brownell & Burt, Taunton, Mass.
Coast Engine & Machine Works, E Water & Tylor, Portland, Ore.
Columbia Wagon Co., Columbia, Pa.
Currier-Cameron Co., Amesbury, Mass.
Erdman Giuder Co., 10226 Woodward, Detroit, Mich.
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Haskelite Mfg. Co., 120 Broadway, New York
Hollander & Morrill, Amesbury, Mass.
Immel Co., 1687 S High, Columbus, Ohio
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Limousine Carriage Mfg. Co., 3515 S Michigan av, Chicago, Ill.
Milburn Wagon Co., Toledo, Ohio
Mulholland Co., Dunkirk, N. Y.
Seaman Body Corp., 1732H Richards, Milwaukee, Wis.
Union City Body Co., Union City, Ind.
kee, Wis.
Willoughby Co., Utica, N. Y.
Wilson C. R. Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.

1002—Bodies & Seats (Carriage & Wagon)

Ahr & Rost Co., Cincinnati, O.
Am. Wagon Co. (Bodies), 1007 Lincoln, Dixon, Ill.
Ames Body Corp., Owensboro, Ky.
Auburn Mfg. Co., Auburn, Ind.
Babcock H. H. Co., Dept. H, Watertown, N. Y.
Central Mfg. Co., Connersville, Ind.
Cincinnati Panel Co. (Buggy, Phaeton, Stanhope, etc), 1938 W 8th, Cincinnati, Ohio
Clark J. L. Mfg. Co., Oshkosh, Wis.
Coopersburg Bending Works, Coopersburg, Pa.
Dann Bros. & Co., New Haven, Conn.
Eureka Co., Rock Falls, Ill.
Excelsior Seat Co. (Buggy Seats), Fifth av & River rd, Columbus, O.
Fitch Gear Co., Rome, N. Y.
Gresham Mfg. Co., Griffin, Ga.
Haberer & Co., Gest & Summer, Cincinnati, O.
Highland Body Mfg. Co., Center Hill av & C., H. & D. R. R., Elmwood, Cincinnati, O.
Holt Bros. Mfg. Co., Concord, N. H.
Lansing Body Co., Lansing, Mich.
Leitch James N. Co., Amesbury, Mass.
Lowell Cutter Co., Lowell, Mich.
Mifflinburg Body & Gear Co., Mifflinburg, Pa.
New I. D. Seat Co., Rohrerstown, Pa.
Newton W. H. & Son, Cortland, N. Y.
Ohio Seat Co. (Seats), 1964 Central av, Cincinnati, O.
Perkins Isaiah W., Lynn, Mass.
Prouty & Glass Carriage Co., Wayne, Mich.
Rech-Marbaker Co., Dept. H, 8th & Girard av, Phila., Pa.
Sidney Mfg. Co., Sidney, O.
Truck Engineering Co., B'way & E 71st, Cleveland, O.
Union City Body Co., Union City, Ind.
Willoughby Co., Utica, N. Y.
Wright Carriage Body Co., Moline, Ill.
York Wagon Gear Co., York, Pa.

Boiler Arches

See Brick, Boiler Arch & Setting

1003— Boiler Brace Mfrs.

Bethlehem Steel Co., So Bethlehem, Pa.
Castle A. M. & Co., 715 N Morgan, Chicago, Ill.
Central Iron & Steel Co., Harrisburg, Pa.
Lukens Steel Co., Coatesville, Pa.
Ryerson Joseph T. & Son ("McGregor"), 2558 W 16th, Chicago, Ill.
See adv index at end of book

BOILER FITTINGS

Braces, Hangers, Lugs, Tubes, Staybolts, Manholes, Crabs, Ferrules, Dished and Flanged Heads, Rivets, etc.

Send for Special Products

JOSEPH T. RYERSON & SON
Chicago St. Louis Detroit Buffalo New York

Scully Steel & Iron Co. (Weldless), 2364 S Ashland av, Chicago, Ill.
Ulster Iron Works, Dover, N. J.

1003a—Boiler Casings (Steel)

Walsh & Weidener Boiler Co., Chattanooga, Tenn.

Boiler Cleaners

See Cleaners, Boiler Flue & Tube

1004-5— Boiler Compounds

Aetna Boiler Compound Co., 6062 S La Salle, Chicago, Ill.
Albion Mfg. Co., Seattle, Wash.
American German Boiler Compound Co., 30 N. Dearborn, Chicago, Ill.
American Oil & Lubricant Works ("Brown"), Rochester, N. Y.
Andrews Williams, Inc., 95 William, New York
Arrow Boiler Compound Co. ("Arrow"), Commonwealth Trust bldg, St. Louis, Mo.
Belden A. G. & Co. ("Chrome"), 29 Burling slip, New York
Beltine Chemical & Mfg. Co., 401 N Sangamon, Chicago, Ill.
Bidtel Chemical Works, Inc., 51 Front, New York
Binghamton Boiler Compound Co. ("Pyramid"), Binghamton, N. Y.
Bird-Archer Co. ("Bird-Archer"), 90 West, New York
Black Bear Co., 138 Temple, Long Island City, N. Y.
Boiler-Note Co. The, 343 S Dearborn, Chicago, Ill.
Brewer & Co. ("Perfection"), Worcester, Mass.
British-American Chemical Co. ("Brisam"), Paterson, N. J.
Buckeye Chemical Co., Chamber of Commerce, Detroit, Mich.
Champion Compound Co., Lehigh av & Mutter, Phila., Pa.

BOILER COMPOUNDS—continued

Cherry Chemical Co. ("Red Seal"), 1018 Callowhill, Phila., Pa.
Chesterton A. W. Co. ("Challenge," "Vulite"), 64 India, Boston, Mass.
Chipman Chemical Engng. Co., Inc. ("Atlas E"), 136 Liberty, New York
Cleveland Mfg. & Supply Co. ("Cleveland"), Wade bldg, Cleveland, O.
Continental Chemical Co. ("C. C. C."), 119 S 4th, Phila., Pa.
Corliss Mfg. & Supply Co. ("C. C. C.") 1906 Olive, St. Louis, Mo.
Corol Co., 127 N Dearborn, Chicago, Ill.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Crescent Oil & Supply Co., 303 N Levee, St. Louis, Mo.
Croscup I. O., 24 California, San Francisco, Cal.
Crown Mfg. Co., Engineers bldg, Cleveland, Ohio
Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
Dearborn Chemical Co., 332 S Michigan av, Chicago, Ill.
Dehls & Stein, Inc., 239 South Newark, N. J.
Dixon Joseph Crucible Co., Jersey City, N. J.
Doermann-Roehrer Co. ("Do Ro"), 318 E 3rd, Cincinnati, Ohio
Dumond W. R., 39 South, New York
Duryea Mfg. Co. ("Solvol"), Bayonne, N. J.
Economy Boiler Compound Co., Flatiron bldg, New York
Economy Lubricating Co. ("Economy"), Dorrance & Temple, Charlestown, 29, Boston, Mass.
Favorite Boiler Compound Co., 8568 Vine av, Chicago, Ill.
Federal Graphite Mills ("Federal" Graphite), 2639 E 79th, Cleveland, O.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Ferofilm Co. ("Ferofilm" Scale Preventive), Utica, N. Y.
Gallaway G. W. ("Heichstadter's"), 322 Pearl, New York
Garratt-Callahan Co. ("Magic"), 30 Fremont, San Francisco, Cal.
German-Compound Co. ("German-Compound"), 20 N Market, Boston, Mass.
Globe Boiler Compound Co. ("Case"), Binghamton, N. Y.
Grasselli Chemical Co. (Tri-Sodium Phosphate), Guardian bldg, Cleveland, O.
Great Lakes Chemical Wks., Appleton, Wis.
Great Falses Chemical Co., Appleton, Wis.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Griffiths A. J. & Son, 3526 Gtn. av, Phila., Pa.
H. G. Chemical Products Co., Inc., 3778 E 91st, Cleveland, O.
Halsall Geo., Jamestown, N. Y.
Harris A. W. Oil Co., 326 S Water, Providence, R. I.
Hawk-Eye Compound Co., Blue Island, Ill.
Hayner Norman C. Co., Rochester, N. Y.
Ideal Chemical Co., Indianapolis, Ind.
Illinois Boiler Cleaning Compound Co. ("Illinois"), 1338 N La Salle, Chicago, Ill.
Imperial Chemical Co., 514 N American, Phila., Pa.
Indianapolis Chemical Co. ("Acme," "Star"), 1444 Madison av, Indianapolis, Ind.
International Boiler Cleaning Co. ("Scaline"), 343 N Calvert, Baltimore, Md.
International Boiler Compound Co., 3028 S La Salle, Chicago Ill.
International Ship Fittings & Supply Corp., 212-214 Fulton, Brooklyn, N. Y.
Ironsides Co. ("Ironsides" Scale Solvent Shield), Columbus, O.
Johnson Compound & Supply Co., Rochester, N. Y.
Keasbey & Mattison Co., Ambler, Pa.
Kelly Graphite Mills ("Kelco" Boiler Graphite), 355 W 26th, New York
Kentucky Consumers' Oil Co., Louisville, Ky.
Keystone Chemical Co., 2222 N Marshall, Phila., Pa.
Kuhne-Libby Co. ("Marvel"), 51 Front, New York
Laboratories (Liquid), 630 Washington, Boston, Mass.
Lake Erie Mfg. Co. ("Red Star"), Buffalo, N. Y.
Lang Chemical Co., 307 Grant River av, Detroit, Mich.
Lewis H. Co. ("Climax"), 832 Washington blvd, Chicago, Ill.
Lord Geo. W. Co., 2238 N 9th, Phila., Pa.
Lubricating Metal Co., 976 Newark av, Jersey City, N. J.
Lux L. A. Co., 2187 E 2d, Cleveland, O.
Lynch-Clarisey Co., 3211 S Wood, Chicago Ill.
Lynch Wm., 32 Bay, Brooklyn, N. Y.
Metaline Chemical Co., 839 Society for Savings bldg, Cleveland, O.
Metiskin Co., Inc. ("Metiskin", 61 Elizabeth, Rochester, N. Y.
Miami Boiler Compound Co., 505 Elm, Cincinnati, O.
Minnesota Boiler Compound Co., 248 Fairfield av, St. Paul, Minn.
Modoc Co., Fernwood, Pa.
Mohawk Refining Co. ("Mohawk"), 1131 W 11th, Cleveland, O.
Moore Vegetable Boiler Purger Co., 35 Bates, Detroit, Mich.
Mueller Boiler Compound Co., 2018 Dupont av, Minneapolis, Minn.
National Mill Supply Co. ("Star"), Fort Wayne, Ind.
Northern Insulating Co. ("Defy Seale"), St. Paul, Minn.
Northrop Lubricating Oil Co. ("Famous"), 308 N Commercial av, St. Louis, Mo.
Nuhring Chas. & Bro. (Alternating), 1212 Walnut, Cincinnati, O.
O'Neil Oil & Paint Co. ("O'Neils"), 297 E Water, Milwaukee, Wis.
Ozark Mfg. Co., 9861 Lorain av, Cleveland, O.
Paige & Jones Chemical Co., 15 E. 40th, New York
Parsons J. H. Chemical Co. ("A. B. C." Alkali), 122 S Michigan av, Chicago, Ill.
Patapsco Oil & Grease Co. ("Perfection"), 109 Cheapside, Baltimore, Md.
Perolin Co. of America ("Perolin"), 1112 W 37th, Chicago, Ill.
Preservaline Mfg. Co., 854 Lorimer, Brooklyn, N. Y.
Read Edward B., 212 9th, San Francisco, Cal.
Reed & Duecker, Memphis, Tenn.
Reliance Oil & Grease Co., 50 South, New York
Rhoads Irwin G., Manhattan bldg, Phila., Pa.
Riebe Green Soap Co., Seattle, Wash.
Rodgers-Collins Co. ("Arr-An-See"), Pontaic bldg, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Schilling Frederick (Paramount), 617 Greenwich, New York
Scientific Boiler Chemical Works, 127 N Dearborn, Chicago, Ill.
See adv index at end of book

KONKERALL
Scale Remover and Preventive
Based on an ENTIRELY DIFFERENT and FUNDAMENTALLY CORRECT PRINCIPLE Scale Formation as IMPOSSIBLE as it is to make concrete without cement.
Write for Particulars and GUARANTEE
SCIENTIFIC BOILER CHEMICAL WORKS
127 N. Dearborn St. Chicago, Ill.

Scribner Boiler Compound Co., 315 N Wood, Chicago, Ill.
Shawmut Chemical Co., 42 Battery Canal, Boston, Mass.
Smith E. A. Hamilton, Ohio
Standard Chemical Corp. ("Protecto"), Kalamazoo, Mich.
Star Lubricating Oil Co. ("Excelsior"), 8714 B'way, Cleveland, O.
Star Oil Co. ("Acme"), 348 N Irving av, Chicago, Ill.
State Mfg. Co. ("Metla Cota"), 3545 E 76th, Cleveland, O.
Sterling Equipment & Supply Co., 315 Cherry, Phila., Pa.
Straus Boilerine Co. ("Boilerine"), 50 Church, New York
Street J. D. & Co. ("Lightning"), 41st & Park, St. Louis, Mo.
Stuart D. A. & Co., 2733 S Troy, Chicago, Ill.
Sullivan Oil Co. ("Sullivan's Economic"), 413 Wells, Chicago, Ill.
Sur-Coat Mfg. Co., 149 Jefferson av, Detroit, Mich.
Swan & Finch Co. ("Katak," "Diamond"), 165 B'way, New York
Tegufilm Chemical Mfg. Co. ("Tegufilm"), Syracuse, N. Y.
Thompson Walter M., 1427 Plum, Cincinnati, O.
Thomsen Chemical Co. ("Bosalt"), Munsey bldg, Baltimore, Md.
Toledo Boiler Compound Co., 404 Clark, Toledo, O.
U. S. Chemical Co., 3621 Lakeside av, Cleveland, O.
U. S. Graphite Co. (Graphite), Saginaw, Mich.
Wadhams Oil Co. ("Eureka"), 359 Clinton, Milwaukee, Wis.
Warley T. C. & Co., 211 Bainbridge, Phila., Pa.
Warren & Bailey Co. ("Acme"), 214 E 3d, Los Angeles, Cal.
Western Boiler Compound & Chemical Co., Gloyd bldg, Kansas City, Mo.
Williams Joseph Co., Sharpsburg, Pa.
Williamson D. D. & Co., 86 Fulton, New York
Winn Wm. R. ("Winn"), 488 Cherry, New York
Winner Co. ("Winner"), 30 Church, New York
Wilson Remover Co., 115 Chestnut, Newark, N. J.
Wisconsin Fdry & Machine Co., Madison, Wis.
World Refining Co., Easton, Pa.
X Laboratories, 25H W 25th, New York
Young Boiler Compound Co., Castasauqua, Pa.
Zurn O. F. Co. ("Peerless"), Broad & Lehigh av, Phila., Pa.

Boiler Dealers

See Machinery Dealers

1006—Boiler Flue Heads & Manholes (Dished, Flanged, Etc.)

Bonney Forge & Tool Works, Allentown, Pa.
Central Iron & Steel Co. (Open Hearth Flanged), Harrisburg, Pa.
Glasgow Iron Co. (Pressed Open Hearth Steel), Pottstown, Pa.
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
Machold & Riddell, 4 Stephen Girard bldg, Phila., Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Ryerson Jos. T. & Son, 910 Corn Exchange bldg, & 16th & Rockwell, Chicago, Ill.
Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Wickes Boiler Co., Saginaw, Mich.

Boiler Flue & Tube Cleaners

See Cleaners, Boiler Flue & Tube

1007—Boiler Fronts & Castings

Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cambridge Iron Works, Cambridge, Mass.
Casey-Hedges Co., Chattanooga, Tenn.
Chickasaw Mach. & Fdry. Co., Memphis, Tenn.
Coatesville Foundry & Machine Co., Coatesville, Pa.
Columbus Iron Works, Columbus, Ga.
Eddy R. M. Fdry. Co., 372 W Grand av, Chicago, Ill.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Flynn & Emrich Co. (Sectional Cast Iron), 305 N Holliday, Baltimore, Md.
Freeman Mfg. Co., Racine, Wis.
Frost Mfg. Co., Galesburg, Ill.
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
Grote F. Mfg. Co., Evansville, Ind.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hartley Boiler Works, Montgomery, Ala.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ironton Punch & Shear Co., Ironton, O.
Janney & Co., Montgomery, Ala.
Johnston Bros., Ferrysburg, Mich.
Keeler E. Co., Williamsport, Pa.
Kelly Foundry & Machine Co., Goshen, Ind.
Kenny Boiler & Mfg. Co., 6th & Locust, St. Paul, Minn.
KUTZTOWN FOUNDRY & MACHINE CO. (For all Kinds of Boilers), 1421 Chestnut., Phila., Pa.
See adv index at end of book
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Marion Foundry Corp., Marion Natl Bank bldg, Marion, Ind.
Memphis Machine Works, Memphis, Tenn.
Munroe R. & Sons Mfg. Corp'n, 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Niver Iron Works Co., Muscatine, Ia.
Oil City Boiler Works, Oil City, Pa.
Patch S. B. & Sons Co., Streator, Ill.
Paxton & Vierling Iron Works, Omaha, Neb.
Pettis W. W. Co., 416 1st Natl Bank bldg, Cincinnati, O.
Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.
Republic Structional Iron Wks. Co. 1350 E 53d, Cleveland, O.
Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Smith Geo. H. Steel Castings Co., 500 Clinton, Milwaukee, Wis.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Statom Boiler Works, Anniston, Ala.
Stolz Jos. & Sons, Inc. (Steel), 841 E 136th, New York
Thacher Propeller & Foundry Corp., Albany, N. Y.
Toledo Foundry & Machine Co., Toledo, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wickes Boiler Co., Saginaw, Mich.

1008-9-10—Boiler Heads (Flanged & Dished)

See also Boiler Heads, Pressed Steel

Central Iron & Steel Co. (Pressed Steel), Harrisburg, Pa.
COMMERCIAL SHEARING & STAMPING CO., THE, Youngstown, O.
See adv index at end of book
Glasgow Iron Co. (Open Hearth Pressed Steel), Pottstown, Pa.
Kittoe Boiler & Tank Co. Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book

Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Standard Boiler & Plate Iron Co. (Up to 96 in. Dia), Niles, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

1011—*Boiler Mountings (For Portable Boilers)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

1012—*Boiler Purifying Apparatus

Graver Corp., E. Chicago, Ind.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1013—Boiler Saddles (Pressed Steel)

Castle A. M. & Co., 715 N Morgan, Chicago, Ill.
Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Lukens Steel Co. ("Huston" Weldless), Coatesville, Pa.
Wickes Boiler Co., Saginaw, Mich.

1014—Boiler Settings (Steel)

Casey-Hedges Co., Chattanooga, Tenn.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Rust Engineering Co. (Brickwork), 1901 Fifth av, Pittsbrugh, Pa.
Southern Boiler & Tank Works Co., Memphis, Tenn.
Stolz Jos. & Sons, Inc., 841 E 136th, New York
Tomahawk Steel & Iron Works ("Ashley" Improved), Tomahawk, Wis.
Warwick Constn Co. (& Brick), 1048 W. Harrison, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wickes Boiler Co., Saginaw, Mich.

1015—Boiler Shells (Automobile)

American Welding Co. (Seamless Welded), Carbondale, Pa.
Pressed Steel Tank Co. (Seamless Steel), 58th & Greenfield av, Milwaukee, Wis.
Randolph-Clowes Co. (Copper), Waterbury, Conn.

1016— Boiler Stands (Range)

Bignall Co., Medina, N. Y.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. ("Murphy," "Universal" & "Lockwood"), 90 West, New York
Cooper Sanitary Mfg. Co. (Iron), 34th & Chestnut, Phila., Pa.
Crestline Mfg. Co. (Cast Iron), Crestline, O.
Detroit Brass & Malleable Wks. (Cast Iron), 1177H Holden, Detroit, Mich.
Early Foundry Co. (Knock-Down), Dickson City, Pa.
Essex Foundry, Murray, Newark, N. J.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Gregory Thos. Galvanizing Works (Galvanized), 263 N Henry, Brooklyn, N. Y.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hugo Mfg. Co. ("Hawks"), Duluth, Minn.
Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
Lawler Regulator Co. (Adjustable), 55 W Houston, New York
Mechanicville Specialty Supply Mfg. Co., Mechanicville, N. Y.
Modern Iron Works ("M. I. W."), Quincy, Ill.
Sanitary Co. (Plain & Galvanized), Dept. H, Linfield, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

1017—Boiler Washing & Testing Apparatus & Systems

Miller F. W. Heating Co., McCormick bldg, Chicago, Ill.
Nathan Mfg. Co., 416 E 106th, New York
National Boiler Washing Co., Ry Exch bldg, Chicago, Ill.
Rue Mfg. Co., 228 Cherry, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1018— Boilers (Automobile)

Murray & Tregurtha Co. (Water Tube), 340 W 1st, Boston, Mass.
Otis Boiler Co., Inc. ("Otis"), 335 W 1st, Oswego, N. Y.
Pressed Steel Tank Co. (Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.
Steam Carriage Boiler Co. (Also for Yachts), Oswego, N. Y.

Boilers (Bath)

See Boilers, Range, Galvanized Iron

1019— Boilers (Bleaching)

BIGGS BOILER WORKS CO. (Rotary Globe & Cylinder), Case av & Williams, Akron, O.
See adv index at end of book
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

1020—*Boilers (Car Heating)

Otis Boiler Co., Inc., ("Otis"), 335 W 1st Oswego, N. Y.
See adv index at end of book
Scaife Wm. B. Sons & Co., First Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1020a—Boilers (Down Draft)

Am. Radiator Co. ("Ideal," "Arcola" Radiator Boiler hot water outfit), 816 Michigan av, Chicago, Ill.
Gurney Heater Mfg. Co. ("Gurney"), 188 Franklin, Boston, Mass.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Molby E. C., 101 Park av, New York
Oil City Boiler Works, Oil City, Pa.
Peerless Heater Co., 5602 Baum blvd, Pittsburgh, Pa.
Prudential Heater Co. ("Cripps," "Prudential"), Louisville, Ky.
Surrell Down Draft Boiler Co., 101 Park av, New York

1021-2—Boilers (Egg, Automatic)

Berger & Hawden Mfg. Co., ("Baby Grand" Folding) Homestead, Pa.
Curtis, Espy & Co. ("Curtis Eggsactly"), 158 N Ashland blvd, Chicago, Ill.

1023-4-5— Boilers (Farm)

Bovee Furnace Works ("Kaiser"), Waterloo, Ia.
Buch's A. Sons Co. ("Farmers' Friend"), Elizabethtown, Pa.
Donaldson Bros. ("Donaldson"), Mt. Clemens, Mich.
Eddy W. Plow Co. ("Eddy"), Greenwich, N. Y.
Freeland Steel Tank Co. ("Freeland"), Portage, Wis.
Gehl Bros. Mfg. Co. ("Gehl"), West Bend, Wis.
Heesen Bros. Co. ("Heesen"), Tecumseh, Mich.
Heller-Aller Co., Napoleon, O.
Holt Mfg. Co. ("Holt"), Stockton, Cal.
Leffel James & Co. ("Leffel"), East St., Springfield, O.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
Sperry D. R. & Co. ("Sperry"), Batavia, Ill.
Wickes Boiler Co., Saginaw, Mich.

1026— Boilers (Gas Fired)

Eclipse Fuel Engineering Co. ("McKee" Automatic, ¾ to 12 H. P.), 100 Forbes, Rockford, Ill.
Heating Engineers Supply Co., 421 Wood bldg, Pittsburgh, Pa.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Otis Boiler Co. ("Otis"), 335 W 1st, Oswego, New York.
Springfield Boiler Co., Springfield, Ill.
Standard Heating & Radiator Co., 220 Penn, Pittsburgh, Pa.

1027— Boilers (Ham)

Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Indiana Hollow Ware Co. (Cast Iron Underground or Enameled), Jeffersonville, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Rubin Iron Wks., Jacksonville, Fla.
Sperry D. R. & Co., Batavia, Ill.

1027a— Boilers (Heating)

Hamler Boiler & Tank Co., Dept. H, W 66th & So. 60th av, Chicago, Ill.
Keeler E. Co. ("Keeler" Low Pressure Sectional), Williamsport, Conn.
OIL CITY BOILER WORKS, Oil City, Pa.

1027b—Boilers (Heating & Water Supply)

See also Heater, Steam & Hot Water

American Radiator Co., 816 S Michigan av, Chicago, Ill.
Charleston Iron Works, Charleston, S. C.
Scaife Wm. B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

1027c— *Boilers (Internally Fired)

Casey-Hedges Co., Dept. H, Chattanooga, Tenn.
Freeman Mfg. Co., Dept. H, Racine, Wis.
Frost Mfg. Co., Dept. H, Galesburg, Ill.
Leffel James & Co., Dept. H, East Springfield, Ohio
Murray Iron Works Co., Dept. H, Burlington, Ia.
Pa. Boiler Works, Dept. H, Erie, Pa.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Pa. Boiler Works, Dept. H, Erie, Pa.
Walsh & Weidner Boiler Co., Dept. H, Chattanooga, Tenn.

Boilers (House Heating)

See Heaters, Steam & Hot Water

1028—Boilers (Locomotive, Fire Box)

AMES IRON WKS., Oswego, N. Y.
Brennan Jno. & Co. ("Detroit"), 24th & M. C. R. R., Detroit, Mich.
Bros Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Brownell Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Charleston Dry Dock & Machine Co., Charleston, S. C.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Davenport Locomotive Works (High Pressure), Davenport, Ia.
DOVER BOILER WORKS, Sales offices: 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Fairbanks Steam Shovel Co., Marion, O.
Farquhar A. B. Co., Ltd., York, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Houston, Stanwood & Gamble Co., 3rd & Phila., Cincinnati, O.
Johnston Bros., Ferrysburg, Mich.
Kewanee Boiler Co., Kewanee, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Murphy Timothy Iron Works, Jacksonville, Fla.
Murray Iron Works Co., Burlington, Ia.
Nagle Engine & Boiler Works, Erie, Pa.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
OIL CITY BOILER WORKS, Oil City, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pa. Boiler Wks. (Open Hearth), Erie, Pa.
Pennsylvania Boiler Works, Erie, Pa.
Riley John F. Foundry & Mach. Co., Charleston, S. C.
Smith Samuel & Son Co., Paterson, N. J.
Star Drilling Machine Co., Akron, O.
Titusville Iron Co. ("Acme"), Titusville, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wickes Boiler Co., Saginaw, Mich.

Boilers (Low Pressure)

See Heaters, Steam & Hot Water

1029— Boilers (Marine)

See also Boilers, Tubular

Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
American Boiler Works, Erie, Pa.
Astoria Marine Iron Wks., Astoria, Ore.
Atlantic Works, 80 Border, E Boston, Mass.
BABCOCK & WILCOX CO., 85 Liberty, New York
Bath Iron Works, Ltd., Bath, Me.
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Bethlehem Shipbuilding Corp., Ltd. (Scotch), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Boston Engineering Co., 308 Atlantic av, Boston, Mass.
Brennan Jno. & Co. ("Detroit" Scotch), Dept. H, 24th & M. C. R. R., Detroit, Mich.
Cahill W. S. Co., Key, Highway & Webster, Baltimore, Md.
Camden Anchor-Rockland Machine Co., Rockland, Me.
Casey-Hedges Co. (Scotch, Leg & Special), Chattanooga, Tenn.
Central Boiler Works, 1297 Russell, Detroit, Mich.
Charleston Dry Dock Machine Co., Charleston, S. C.
Charleston Iron Works, Charleston, S. C.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
De Pere Mfg. Co., West De Pere, Wis.
Detroit Shipbuilding Co. (Scotch & Fire Box), Brass Dept., ft. Orleans, Detroit, Mich.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dubuque Boat & Boiler Works, Dubuque, Iowa
Duncan Co., The (Steam), 508 Water, Toledo, O.

BOILERS (MARINE)—continued
Fairbanks Steam Shovel Co. (Scotch Type), Marion, O.
See adv index at end of book
Farrar & Trefs, Inc., Buffalo, N. Y.
Fitzgibbon Boiler Co. (Vertical), Oswego, N. Y.
Fletcher W. & A. Co., Hoboken, N. J.
Fore River Shipbuilding Corp., Quincy, Mass.
Foster Marine Boiler Corp., 111 B'way, New York
Freeman Mfg. Co., Racine, Wis.
Gas Engine & Power Co., & Chas L. Seabury & Co., Morris Heights, New York
Gem City Boiler Co. (Internal Furnace), Dayton, Ohio
Gillie Machine Co., Tonawanda, N. Y.
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
Great Lakes Engineering Works, Real Estate Ex. bldg., Detroit, Mich.
Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.
Hartley Boiler Works, Montgomery, Ala.
Heipershausen Bros., 43 Tomkins, New York
Hodge Boiler Works, 99 Summer, E Boston, Mass.
Houston, Stanwood & Gamble Co., 3rd & Phila., Cincinnati, O.
International Boiler Works Co., East Stroudsburg, Pa.
Ironton Punch & Shear Co. (River Only), Ironton, O.
Jackson & Church Co., Saginaw, Mich.
Johnston Bros., Ferrysburg, Mich.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Kehoe Iron Works, Savannah, Ga.
Lake Erie Boiler Wks., Cleveland, O.
Lauson J. Mfg. Co., New Holstein, Wis.
Leslie, Elliott & Co., Paterson, N. J.
Llewellyn Iron Wks., 1200H N Main, Los Angeles, Calif.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
McIlvain & Spiegel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, O.
Main Iron Works (Scotch), 16th & Daggett, San Francisco, Cal.
Manistee Iron Works Co., Manistee, Mich.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Manitowoc Engineering Works (Scotch, Dry & Tubular), Manitowoc, Wis.
Merrill Stevens Dry Dock & Repair Co., Jacksonville, Fla.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murphy Timothy Iron Works, Jacksonville, Fla.
Murray Iron Works Co. (Tubular & Internal Furnace, etc), Central av & Washington, Burlington, Ia.
New London Marine & Iron Works, New London, Conn.
New York Engng. Co., 2 Rector, New York
New York Shipbuilding Co., Camden, N. J.
Oil City Boiler Works, Oil City, Pa.
Oldman Boiler Works (Upright), 38 Illinois, Buffalo, N. Y.
Optenberg Iron Works, Sheboygan, Wis.
Pennsylvania Boiler Works Export Dept., 43, Cedar, New York
Perth Amboy Dry Dock Co., Perth Amboy, N. J.
Phoenix Iron Works Co., Meadville, Pa.
Portland Co., Portland, Me.
Puget Sound Boiler Depot, 318 1st av S, Seattle, Wash.
Pusey & Jones Co., Wilmington, Del.
Quintard Iron Works Co., 742 E 12th, New York
Riley John F. Foundry & Mach. Co., Charleston, S. C.
Roberts Safety Water Tube Boiler Co., 39 Cortlandt, N. Y.
Rodgers Boiler & Burner Co. (Internally Fired), Muskegon, Mich.
Seattle Boiler Works, Ballard, Seattle, Wash.
Shewan James & Son, 1 B'way, New York
Smith Samuel & Son Co., Paterson, N. J.
Spedden Shipbuilding Co., Boston & Kenwood, Baltimore, Md.
Speirs Bros., New London, Conn.
Sprenger Joseph & Sons, 1186 W. Jefferson av, Detroit, Mich.
Springfield Boiler Co., Springfield, Ill.
Stern Foundry & Machinery Co., 1630 Annunciation, New Orleans, La.
Townsend Iron Works, ft. Columbia, Brooklyn, N. Y.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Ward Chas. Engng. Works, Charleston, W. Va.
Waterloo Steam Boiler Works, Waterloo, Ia.
Wickes Boiler Co., Saginaw, Mich.
Willamette Iron & Steel Works (Scotch), Portland, Ore.
Woodman Andrew W. & Co., West De Pere, Wis.

1030—Boilers (Oil Well Drilling)

Columbiana Boiler Co., Columbiana, O.
Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
FARRAR & TREFTS, INC., Buffalo, N. Y.
See adv index at end of book
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
LUCEY MFG. CORP., 233 B'way, New York
For branch offices see Alphabetical Section
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
OIL CITY BOILER WORKS, Oil City, Pa.

1031—Boilers (Portable, on Wheels)

Byers Machine Co., The, 242 Sycamore, Ravenna, O.
See adv index at end of book
Casey-Hedges Co., Chattanooga, Tenn.
Chandler & Taylor Co., Indianapolis, Ind.
Columbiana Boiler Co., Columbiana, O.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Frick Co., Waynesboro, Pa.
GODFREY-KEELER CO. ("Cornish"), 70 Warren, New York
See adv index at end of book
Houston, Stanwood & Gamble Co., 3rd & Phila., Cincinnati, O.
Leffel James & Co., East, Springfield, O.
Lombard Iron Works & Supply Co., Atlanta, Ga.
Lucey Manuf. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Oil City Boiler Works, Oil City, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pennsylvania Boiler Wks., Export Dept. 43, Dept., New York
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Taylor Iron Works & Supply Co. (Internal Fired), Macon, Ga.
Titusville Iron Co., Titusville, Pa.
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Warren City Tank & Boiler Co., Warren, O
Wickes Boiler Co., Saginaw, Mich.

1031a— Boilers (Power)

Murphy Timothy Iron Works, Jacksonville, Fla.

1032—Boilers (Range, Copper)

BADGER E. B. & SONS CO., 75a Pitts, Boston, Mass.
See adv index at end of book
Blessing C. A., 516 Montgomery av, Phila., Pa.
Boston Copper Works Co., E. Boston, Mass.
DAHLQUIST MFG. CO. ("Boston"), 40 W 3d, S Boston, Mass.
See adv index at end of book
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.
Hayes Mfg. Co. ("Wilhelme," "Modern" & "Manhattan"), Paterson, N. J.
Moriarty G. J., 28 Harvard, Boston, Mass.
Mott J. L. Iron Works ("No-Seam"), Trenton, N. J.
Randolph-Clowes Co. ("Brown Bros." "Seamless"), Waterbury, Conn.
Trageser John Steam Copper Works, 447 W 26th, New York

1033—Boilers (Range, Galvanized Iron)

Aird-Don Co. ("Trojan"), Troy, N. Y.
Anderson Engineering & Supply Co., Peekskill, N. Y.
Cahill, Swift Mfg. Co. ("Crescent"), 1112 Market, St. Louis, Mo.
Carroll Patrick & Son, 1406 Fairmount av, Phila., Pa.
Case W. A. & Sons Mfg. Co. (Welded), Buffalo, N. Y.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Detroit Range Boiler & Steel Barrel Co. ("Star"), 619 24th, Detroit, Mich.
Economy Heater Co., 108 S La Salle, Chicago, Ill.
Fleck Bros Co. ("Never Leak"), 44 N 5th, Phila., Pa.
Haines, Jones & Cadbury Co. ("Hajoca," "Leader," "Pointer," "Quaker City"), 1136 Ridge av, Phila., Pa.
Harney Wm., 1349 N Warnock, Phila., Pa.
Heller, Aller & Co., Napoleon, O.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y.
KOVEN L. O. & BROS. (& Steel), 154 Ogden av, Jersey City N. J.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
Oil City Boiler Wks. (Smoke), Oil City, Pa.
Pa Range Boiler Co: (Riveted & Welded), 2024 N 10th, Phila., Pa.
Peerless Range Boiler Corp. (Combination), 108 S La Salle, Chicago, Ill.
Riverside Boiler Works, Cambridge, Mass.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Thompson Iron Works, 1825 Callowhill, Phila., Pa.
Trageser John Steam Copper Works ("Graves") 447 W 26th, New York
Victor Combination Kitchen Boiler Co., 4th & Washington, Oakland, Cal.
Walls, Owen & Stambach Co. ("Ajax," "Kineo," "Monitor"), 11th & Hamilton, Phila., Pa.
Whitaker-Glessner Co. (Steel), Portsmouth, O.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

1034—Boilers (Return Tubular)

AMES IRON WORKS, Oswego, N. Y.
Bass Foundry & Machine Co., Fort Wayne, Ind.
BEGGS JAMES & CO., 30 Warren, New York. *See adv index at end of book*
Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bigelow Co., New Haven, Conn.
Brownell Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Charleston Dry Dock & Machine Co., Charleston, S. C.
COATESVLLE BOILER WORKS, Coatesville, Pa.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
DOVER BOILER WORKS, Sales Offices: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Erie City Iron Works ("Economic," Horizontal), Erie, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Freeman Mfg. Co., Dept. O., Racine, Wis.
Gem City Boiler Co., 331 Leo, Dayton, O.
GERDES & CO., 42 Church, New York
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Houston, Stanwood & Gamble Co., 3rd & Phila., Cincinnati, O.
International Boiler Works Co., East Stroudsburg, Pa.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Kewanee Boiler Co., Kewanee, Ill.
Lebanon Boiler Works, Lebanon, Pa.
Leffel James & Co., East, Springfield, O.
Leslie, Elliott & Co., Paterson, N. J.
Llewellyn Iron Wks., 1200H N Main st., Los Angeles Cal.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McCabe E. & Co., Lawrence, Mass.
McEWEN BROS., Wellsville, N. Y.
Main Iron Works (Horizontal), 16th & Daggett, San Francisco, Cal.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Murphy Timothy Iron Works, Jacksonville, Fla.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
See adv index at end of book
OIL CITY BOILER WORKS, Oil City, Pa.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Puget Sound Machinery Depot, 318 1st av, Seattle, Wash.
Riley John F. Foundry & Mach. Co., Charleston, S. C.
Rust Engineering Co. (Brick work), 1901H Fifth av, Pittsburgh, Pa.
SCHOFIELD'S J. S. SON CO., Macon, Ga.
Smith Samuel & Son Co., Paterson, N. J.
Springfield Boiler Co., Springfield, Ill.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.
Topeka Steam Boiler Works, Topeka, Kansas.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Dept. H, 15th & Cascade, Erie, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Waterloo Steam Boiler Works, Waterloo, Ia.

1035—*Boilers (Rotary Bleaching)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

1036— Boilers (Steam)

See also Boilers, Tubular; also Boilers, Water Tube; also Heaters, Steam & Hot Water
Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Houston, Stanwood & Gamble Co., 3rd & Phila., Cincinnati, O.
Main Street Iron Works, 163 Main, San Francisco, Cal.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.

Page Boiler Co. (Water Tube for High Pressure), 817 Larrabee, Chicago, Ill.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.

1037—Boilers (Steam, Seamless Welded)

American Welding Co., Carbondale, Pa.
Koven L. O., & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Murphy Timothy Iron Works, Jacksonville, Fla.

1038—Boilers (Truck & Tractor)

See also other Boiler Headings
Otis Boiler Co., Inc., 335 W. 1st, Oswego, N. Y.

1039— Boilers (Tubular)

See also Boilers, Water Tube; also Heaters, Steam & Hot Water

ALABAMA.

ANNISTON—Statom Boiler Works
Webber Iron Works
MONTGOMERY—Hartley Boiler Works
SELMA—Union Iron Works Co.

ARKANSAS.

FORT SMITH—Breslin Boiler & Iron Works
Ketcham Iron Co.

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept)
COALINGA—Crescent Iron Works
LOS ANGELES—Baker Iron Works
Fulton Engine Works
Pioneer Boiler & Machine Works
OAKLAND—United Iron Works
Moore Ship Building Co.
SACRAMENTO—Phoenix Iron & Boiler Works
SAN FRANCISCO—Bay City Iron Works, 1243 Harrison
California Boiler Works, 526 Howard
Eureka Boiler Works Co. (Marine, Stationary & Locomotive), 166 Fremont
Hendy Joshua Iron Works, 75 Fremont
Keystone Boiler Works, 163 Main
Moore Ship Building Co., 678 2nd
Moynihan T. J. & Co., 401 Folsom
Ocean Shore Iron Wks., 550 8th
STOCKTON—Stockton Iron Works

COLORADO.

BLACK HAWK—Stroehle Machinery & Supply Co.
DENVER—Denver Engineering Works Co.
McFarlane Mfg. Co.
Stearns-Roger Mfg. Co.
PUEBLO—Pueblo Foundry & Machine Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Boiler Works Co. ("Lowe")
Conn. Marine Boiler Works (B. M. Brennan, Prop.)
McCathron Boiler Works Co.
Porcupine Co.
HARTFORD—Beach H. B. & Son
NEW Haven—Bigelow Co. (Horizontal, Upright, Return Tubular & "Manning" Vertical)
New Haven Boiler Works, Inc.
NEW LONDON—Speirs Bros.
PUTNAM—Putnam Foundry & Machine Co.

DELAWARE.

WILMINGTON—Harlan & Hollingsworth Corp. (Marine), ft of West

DISTRICT OF COLUMBIA.

WASHINGTON—Hurley John E., 1219 Ohio av

FLORIDA.

JACKSONVILLE—Merrill Stevens Dry Dock & Repair Co., Dept. H
ORLANDO—Cain-O'Berry Boiler Co.
TAMPA—Gulf Boiler Works

GEORGIA.

ATLANTA—Finnigan J. J. & Co.
AUGUSTA—Lombard Iron Works & Supply Co.
COLUMBUS—Columbus Iron Works (Jobbers)
MACON—**SCHOFIELD'S J. S. SON CO.** (Internally Fired)
Taylor Iron Works & Supply Co.
NEWNAN—Cole R. D. Mfg. Co. (Return Tubular)
SAVANNAH—Kehoe Iron Works (Jobbers)
Mingledorff & Co.
Rourke John & Sons

ILLINOIS.

AURORA—Fox River Boiler & Iron Works
BELLEVILLE—Southern Boiler Works (Isselhardt & Son, Prop'rs)
CHICAGO—Abendroth & Root Mfg. Co. ("Root") (of Newburgh, N. Y., Monadnock blk
Chicago Ship Building Co. (Marine, etc), 101st & Calumet River
Corbett Geo. E. & Co., 1336 Cortland
Downey T. F. Boiler Works, 2600 W Grand av
Frank R. E. Steam Boiler Co., 6714 S Chicago av
Grand Crossing Boiler Works, 1244 E 73d
Haffner Chas. Co., 2246 S Halsted
Hawkes Boiler Co., 140 S Dearborn
Herbert Boiler Co., 140 Root
Hibben & Co., 9376 Ewing av
Kroeschell Bros. Co. (Water Tube, Horizontal Return Tubular, Fire & Water Tube), 449 W Erie
McFarland Bros., 5527 S State
Marine Iron Works, 2036 Dominick
MOHR JOHN & SONS, 96th & Calumet River
Page Boiler Co., 817 Larrabee
Pratt Henry Co., 2222 S Halsted
Ross Boiler Co., 3600 Shields av
Sharkey & Peck, 2433 W 18th
Superior Machine & Boiler Works, 848 W Superior
Wachs E. H. Co., 1525 Dayton
Wildman Boiler Works, 3026 Carroll av
CHICAGO HEIGHTS—Chicago Heights Boiler Works
DANVILLE—Chesley J. L.
GALESBURG—Frost Mfg. Co. (Horizontal & Vertical Tubular)
JACKSONVILLE—Kellogg Bros. & Co.
JOLIET—Heggie James G. & Sons
Heggie Wm.
KEWANEE—Kewanee Boiler Co.
MOLINE—Schillinger A. J. & J. G.
PEORIA—Cody Jos. & Sons.
Forbes Boiler & Iron Works
QUINCY—Michelmann Steel Construction Co.
SPRINGFIELD—Springfield Boiler Co.
STREATOR—Jones Wm. B. Boiler Co.

INDIANA.

ALEXANDRIA—Wells Harry M.
BRAZIL—Vanes John Boiler Works Co.
ELWOOD—Diamond L. J.
EVANSVILLE—Holtz F. Co.
FORT WAYNE—Bass Foundry & Machine Co. (Horizontal, Tubular & Water Tube)
INDIANAPOLIS—Chandler & Taylor Co. (Tubular, Upright & Firebox)
Connaughton John P., 540 S Capitol av
Kennedy P. W., 1201 Beecher
National Boiler & Sheet Iron Works
Sinker-Davis Co.
JEFFERSONVILLE—Sweeney M. A. Shipyard & Foundry Co.
LA PORTE—Rumley Leo. Tractor Co.
MADISON—Henry Chas.
Johnson Foundry & Machine Shops
MARION—Superior Boiler Works
MUNCIE—Broderick Co.
Muncie Boiler & Sheet Iron Works
NEW ALBANY—Hegewald Chas. Co.
Zier Boiler & Sheet Iron Co.
TERRE HAUTE—Phoenix Boiler Works Co.
Terre Haute Boiler Works Co.

IOWA.

BURLINGTON—Murray Iron Works Co. (Tubular & Internal Furnace, etc), Central av & Burlington
CLINTON—Cullen Co.
DAVENPORT—Grupe John P.
DES MOINES—Globe Machinery & Supply Co.
Iowa Boiler Works (James Owens & Sons, Props.)
McDonnell Boiler & Iron Works
DUBUQUE—Marshall Wm.
MUSCATINE—Garren & Hines
OTTUMWA—McDaniel C. E.
Ottumwa Iron Works
WATERLOO—Waterloo Steam Boiler Works

KANSAS.

KANSAS CITY—Kaw Boiler Works Co.
TOPEKA—Bromich Joseph
Topeka Steam Boiler Works.
WICHITA—Guldaman & Son

KENTUCKY.

LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—American Iron Works
Vogt Henry Machine Co., Inc.
Walton C. J. & Son

LOUISIANA.

DONALDSONVILLE—Schroeder A. J.
JEANERETTE—Jeffrey Daniel & Sons
NEW ORLEANS—Dussell, Alex Iron Wks. Co., 416 Erato
Johnson Iron Works (Ltd.), Morgan & Sequin
New Orleans Boiler Works (Jno. H. Murphy, Prop.), 643 Magazine
SHREVEPORT—Parsons P.
THIBODAUX—Thibodaux Boiler Works Co., Ltd.

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works, Ltd.
CAMDEN—Camden Anchor-Rockland Machine Co. (Marine, etc)
HALLOWELL—Fuller's, Geo. Sons
PORTLAND—Estle & O'Brien Boiler Co.
Portland Co. ("Manning," "Dean" Marine & Stationary, Internally Fired)

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Bldg. Co. (Marine Scotch Pattern), ft East Fort av
Cahill W. S. Co., Key Highway & Webster
Codd E. J. Co., 700 S Caroline
Fluskey J. B., Pier 4, Pratt
McIntyre & Henderson, 821 Key Highway
McNamara Bros. Co., Westport
Marine Engine & Boiler Co., Philpot & Point
Novelty Steam Boiler Works (Triplett & Jennings, Props.) (Stationary & Marine), 917 S Howard
Spedden Ship Building Co. (Marine, etc), Boston & Kenwood
CUMBERLAND—McKaig Merwin

MASSACHUSETTS.

BOSTON—Atlantic Works, 80 Border, E Boston
Bertelsen & Petersen Engineering Co., 256 Border
Boston Engineering Co., 308 Atlantic av
Hodge Boiler Works (Marine & Stationary), 99 Sumner, E. B.
Mason, Marcus & Co., Inc. ("Hercules"), 210 Devonshire
Minton Richard, 119 Sumner, E B
New England Iron Works Co., Summer
Russell Daniel Boiler Works, 93 Boston
Russell James Boiler Works Co., 307 C
CAMBRIDGE—Cambridge Iron Works
Roberts Iron Works Co.
Robinson A. F. Boiler Works
FALL RIVER—Fall River Boiler Works
FITCHBURG—Dillon D. M. Steam Boiler Works
FRAMINGHAM—International Engineering Works, Ltd. (Locomotive Fire Box Portable Internally Fired, etc)
HOLYOKE—Walsh's Holyoke Steam Boiler Works
LAWRENCE—McCabe E. & Co.
Staffard Wright & Son
LOWELL—Scannell Boiler Works
NEW BEDFORD—New Bedford Boiler & Machine Co.
QUINCY—Fore River Shipbuilding Corp. (Marine, etc)
SPRINGFIELD—Walsh's Boiler & Iron Works
WORCESTER—Allen Wm. Sons Co.
Stewart Boiler Works

MICHIGAN.

BAY CITY—Bay City Iron Co.
CHEBOYGAN—Schwartz Bros. & Co.
DETROIT—Central Boiler Works, 1297 Russell
Detroit Ship Building Co. (Marine), ft. Orleans
Great Lakes Engineering Works (Marine), Real Estate Ex. bldg
Sprenger Joseph & Sons, 1186 W. Jefferson av
FERRYSBURG—Johnston Bros.
GRAND RAPIDS—Central Boiler & Supply Co.
Leitelt Adolph Iron Works
ISHPEMING—Cole W. T.
JACKSON—Crowley Boiler Works
KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical)
Dutton C. H. Co.
MANISTEE—Manistee Iron Works Co
MENOMINEE—Fernstrum Frank G
MUSKEGON—Muskegon Boiler Works (Also Marine)
Rodgers Boiler & Burner Co.
OWOSSO—Owosso Boiler Works
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.
Wickes Boiler Co.
ST. JOHNS—Richmond & Holmes

MINNESOTA.

DULUTH—**CLYDE IRON WORKS SALES CO.** (Vertical)
See adv index at end of book
Gogebic Steam Boiler Works
Mesaba Boiler & Mfg. Co.
FERGUS FALLS—Fergus Iron Works Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Bros Wm. Boiler & Mfg. Co.; Nic Island
Diamond Boiler Works, 2200 N 1st
ST. PAUL—Kenny Boiler & Mfg. Co., 6th & Locust
Robertson J. G., 2542 University av
St. Paul Boiler & Mfg. Co. (Tubular) Water & Walter
THIEF RIVER FALLS—Johnson Peter
WINONA—Winona Boiler Co.

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
VICKSBURG—Robinson B. J.

MISSOURI.

JOPLIN—United Iron Works Co.
KANSAS CITY—City Boiler & Machine Co., 939 W 8th
Geis Gustave
United Iron Works, Inc.
ST. JOSEPH—Augustine T. C.
Geis & Bichler Mfg. Co.
ST. LOUIS—Nooter Jno. Boiler Works Co., 1400 S 2nd
O'Brien John Boiler Works Co., 11th & Mullanphy
Rohan John A. Boiler Works Co., 913 La Beaume
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av
Wangler Joseph F. Boiler & Sheet Iron Works, Federal Reserve Bk bldg.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Western Iron Works

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
LINCOLN—McAlpine A.
OMAHA—Drake-Williams-Mount Co.

NEW HAMPSHIRE.

NASHUA—Nashua Steam Press & Boiler Wks.

NEW JERSEY.

BAYONNE—Babcock & Wilcox Co. (See New York City)
CAMDEN—New York Shipbuilding Co. (Marine)
Camden Boiler Wks., Inc.
DOVER—**DOVER BOILER WORKS.**
See adv index at end of book
EAST ORANGE—Lippincott A. C. (High Pressure)
ELIZABETH—**Elizabeth Machine & Iron Works**
HOBOKEN—Fletcher W. & A. Co. (Marine, etc)
JERSEY CITY—Griscom-Russell Co. (Repairs & Installations also), 72 York *See adv index at end of book*
McLaughlin Thomas, 53 Essex
Smith Theo. & Sons Co. (Stationery, Marine & Return Tubular), ft Essex
NEWARK—Bradley John, 317 Ferry
Gumz Herman Boiler Works, 7 Greenwood Lake R R av
Hewes & Phillips Iron Works, 8 Orange
McCabe Boiler Works, 195 Commerce
NEW BRUNSWICK—Prospect Boiler Co.
PATERSON—East Jersey Pipe Corp.
Leslie, Elliott & Co.
Smith Samuel & Son, 130 R R av
PERTH AMBOY—Perth Amboy Dry Dock Co. (Marine or Stationary)
PHILLIPSBURG—Tippett & Wood
RED BANK—Roberts Safety Water Tube Boiler Co.

NEW YORK.

ALBANY—Nicholson Aaron
Skinner & Arnold
AMSTERDAM—Collins J. H. Boiler Co.
BINGHAMTON—Shapley & Wells
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Cousins J. D. & Son Boiler Works, 326 Hopkins & 74 Wabash
See adv index at end of book
Farrar & Trefts, Inc.
See adv index at end of book
Howard Bros. Boiler Works, 23 Indiana
Oldman Boiler Works, 38 Illinois
Tashenberg Bros., 43 Illinois
CLYDE—Wood S. W. Engine Co.
ELMIRA—Elmira Boiler & Iron Works
GENEVA—Geneva Boiler Works
GREEN ISLAND—Pinkerton Rachael (Estate of)
HUDSON—Delaney M. B.
JAMESTOWN—Jamestown Boiler Works
KINGSTON—Cullum J. & Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)
MORRIS HEIGHTS—**Gas Engine & Power Co. & Chas. L. Seabury Co.** (Marine & Stationary)
NEWBURGH—**ABENDROTH & ROOT MFG. CO.** ("Root")
See adv index at end of book
Delany P. & Co. (Marine, etc)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, 168 Van Brunt
Cunningham Christopher Co., 437 Greenpoint av
Donohue's P. J. Sons, 108 Wallabout
Franklin Machine & Steam Boiler Works, 21 Franklin
Gilroy James J., 347 39th
Hall & Huribert, ft of 24th
Logan Iron Works, 54 Commercial
McGibbon Engineering & Iron Works, 14 Columbia
Manton John, ft of Court
Meyer Otto C. & Co., 30 Franklin
Robins Dry Dock & Repair Co., Beard
Simpson Robert, 220 Russell

Boroughs of Manhattan and Bronx.

NEW YORK—**BEGGS JAMES & CO.,** 30 Warren. *See adv index at end of book*
DOVER BOILER WORKS, Sales Office: 40 Church. Works: Dover, N. J. *See adv index at end of book*
Fogarty Michael, 531 W 33d
Fox's Geo. Sons, 511 W 34th
GODFREY-KEELER CO., 70 Warren *See adv index at end of book*

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Stationary, Marine, Locomotive, Vertical, Portable and Steam Heating Boilers, Smoke Stacks and Tanks.

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Greenlie-Halliday Co., 499 Water
Helpershausen Bros., 43 Tomkins
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
Mitchell Co. (Marine), 621 W 24th
Nason Mfg. Co., 71 Fulton
Nichols D. M. Iron Works, 2 Gouverneur sl
PENNSYLVANIA BOILER WORKS, (Multitubular), Export Dept., 43 Cedar, New York
Quintard Iron Works Co., 742 E 12th
Reid Alex & Co., 165 Charles
Smith A. & Son, 685 11th av
Worthington Watertube Boiler Co., 30 Warren

Borough of Queens.

LONG ISLAND CITY—Collins Wm. P. Co., 134 Franklin

(End of New York City)

NYACK—Kane John
OSWEGO—**AMES IRON WORKS** (Horizontal & Upright Tubular, Portable on Skids or Wheels "Empire")
Carroll Chas.
KINGSFORD FDRY & MACHINE WORKS (Scotch Boilers)
PHELPS—Collins Iron Works
ROCHESTER—Hall's Sidney Sons
Rochester Tank & Boiler Co.
SYRACUSE—Hennessy Dennis
Mack Bros., 409 Marcellus
Perry Jno. W. & Sons
Syracuse Boiler Works Co.
TONAWANDA—American Engine & Boiler Works
Gillie Machine Co.
UTICA—O'Hanlon Thos. & Sons
Utica Steam Engine & Boiler Works
WELLSVILLE—McEwen Bros.

NORTH CAROLINA.

CHARLOTTE—Liddell Co.
Mecklenburg Iron Works

NORTH DAKOTA.

CASSELTON—Sorenson Gilbert
FARGO—Craig Bros.
Fargo Foundry Co.

OHIO.

AKRON—Star Drilling Machine Co.
BARBERTON—Babcock & Wilcox Co. (See New York City)
BUCYRUS—Kelly Mfg. Co.
CINCINNATI—Houston, Stanwood & Gamble Co., 3rd av & Phila.
Tudor Boiler Mfg. Co. (Tubular, Horizontal & Vertical), 715 E. 3d
CLEVELAND—American Ship Building Co. (Marine), ft of W 54th
Connelly D. Boiler Co. (All Kinds), Ivanhoe rd & N. Y. & St. L. R. R.
Cuyahoga Boiler Works, 1206 Main av
Lake Erie Boiler Works, 2503 Elm av
Murphy Boiler Co. (Marine, 3263 W 73d
Ohio Machine & Boiler Co., 1510 University Rd
Teachout H. E. Boiler Works, E 37th & Erie R. R.
Variety Iron & Steel Works Co., Hamilton av & E 40th
COLUMBIANA—Columbiana Boiler Co.
COLUMBUS—Borger Bros. Co., 257 W Spring
Columbus Steam Boiler & Heater Co.
Eaton Machine Works, 37 S Scioto
Scioto Boiler Works, 37 N Scioto
Union Boiler Works, 67 S Center
COVINGTON—Crampton & Son
DAYTON—Brownell Co. (Portable, Vertical & Return Tubular)
Gem City Boiler Co., 331 Leo
FREMONT—Fremont Steam Boiler Works
IRONTON—Ironton Punch & Shear Co.
LEETONIA—Fabricated Steel Products Corp., Box 505
See adv index at end of book
LIMA—Golley & Finley Iron Works
LORAIN—American Ship Building Co. (Marine)
LOWELLVILLE—Meehan Boiler & Const. Co.
MARIETTA—Elcessor Andrew
Pattin Bros. Co.
MIDDLEPORT—Middleport Boiler Works
NEWARK—Scheidler Machine Works Co.
Tucker & Son Boiler Works
SPRINGFIELD—Casey D. L. Machine Co.
Leffel Jas. & Co. (Stationary, Portable, Horizontal & Vertical), East
Roberts Thomas
TIFFIN—Conley T. F.
TOLEDO—Duncan Co., 588 Water
Healy Michael
Loos Adam
McNaull Boiler Mfg. Co.
Toledo Ship Building Co. ("Bordeaux") (Marine)
WARREN—Warren City Tank & Boiler Co.
WELLSVILLE—Fasset J. E. Boiler Works
ZANESVILLE—Griffith & Wedge Co.

OKLAHOMA.

ARDMORE—Peerless Steel Co.
TULSA—Tulsa Boiler & Machy. Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—East Side Boiler Works (R. W. Orewiler, Prop), ft of E Main
Williamette Iron & Steel Works

PENNSYLVANIA.

ALLENTOWN—Allentown Boiler Works
Heilman Boiler Works
McDermott Engng. Co., Jordan & Whitehall
BEAVER FALLS—Beaver Valley Boiler Works
BRADFORD—Bovaird & Co.
Bovaird & Seyfang Mfg. Co. ("Electric")
CHESTER—Berry Engineering Co. ("Berry" Safety)
Wetherill Robert & Co. ("Berry" Safety, Tubular, Flue, Marine & Fire Box)
COATESVILLE—Coatesville Boiler Works (Return Tubular, Stationary, Vertical, etc)
COLUMBIA—Columbia Boiler Works
CONNELLSVILLE — Connellsville Iron Works
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Corry Steam Boiler Works
EAST STROUDSBURG — International Boiler Works Co.
ERIE—American Boiler Works
Erie City Iron Works ("Economic" Stationary, Return Tubular, etc.)
Erie Engine Works
Nagle Engine & Boiler Works
Pa. Boiler Wks. (& Multitubular)
Union Iron Works
FRANKLIN—Jones R. E. & Co.
HAMBURG—Hamburg Boiler Works
HARRISBURG—Harrisburg Mfg. & Boiler Co.
HOLLIDAYSBURG—Madden Boiler Wks.
KENNETT SQUARE—American Road Machinery Co. (Portable & Stationary)
LANCASTER—Bell Boiler & Iron Co.
LEBANON—Lebanon Boiler Works
MEADVILLE—Phoenix Iron Works Co.
MONONGAHELA — Monongahela Boiler Works
NEW CASTLE—Fleming's Wm. Sons
OAKDALE—Kinney F.
OIL CITY—Oil City Boiler Works
Ravey Joseph H.
PETROLIA—Barney H. M.
PHILADELPHIA—Baizley John Iron Works, 514 S Delaware av
Cox & Sons Co., 5th & Chestnut
Cramp Wm. & Sons Ship & Engine Building Co. (Marine), Beach & Bali
Goldner Henry Boiler & Tank Wks., Water & Mufflin
Kensington Structural Steel Co., Venango & G
Machold & Riddell, Stephen Girard bldg
McGovern & Smith, 2046 E Lehigh av
Morris I. P. Co., Richmond & Norris
Parker Boiler Co., 9th & Sansome
Petty J. K. & Co. (Return, Tubular, Locomotive, Vertical, etc), Stephen Girard bldg. Works: Lebanon, Pa
Quaker City Iron Works, Tioga & Richmond
Rich J. & G., 120 N 6th
Uniflow Boiler Co., Harrison bldg
Williamson Bros. Co., Aramingo & Cumberland

PHOENIXVILLE—Heine Safety Boiler Co.
PITTSBURGH—Lappan Jas. Mfg. Co.
Long Walter Mfg. Co., 1312 Muriel
Manchester & Co., 3108 Smallman
Munroe R. & Sons Mfg. Corporation (Horizontal), 23d & Smallman
Oil Well Supply Co., 215 Water
Pearson Mfg. Co., 800 Beaver
Rees James & Sons Co., 18 4th
POTTSTOWN—Sotter Bros.
PENNSYLVANIA—continued
PUNXSUTAWNEY—Punxsutawney Boiler Works *See adv index at end of book*
READING—Orr & Sembower (Vertical, Horizontal & Locomotive)
Penn Boiler & Machine Works
Reading Scale & Machine Co.
SHARPSVILLE—Sharpsville Boiler Works Co.
TATAMY—Messinger Mfg. Co. (Low Pressure)
TITUSVILLE—Titusville Iron Co. (Horizontal, Tubular & Fire Box)
TROY—Troy Engine & Machine Co.
TYRONE—Reader Bros. & Hoffman
WAYNESBORO—Frick Co.
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT—Keeler E. Co. ("Keeler")
York—Farquhar A. B. Co., Ltd.
Hench & Dromgold ("H. & D.")
Motter's Geo. F. Sons

RHODE ISLAND.

PROVIDENCE — Globe Steam Boiler & Iron Works, 349 Eddy
Hicks Boiler Works, 614 S Main
Wholey Boiler Works, 95 Whipple

SOUTH CAROLINA.

CHARLESTON—Charleston Dry Dock & Machine Co.
Riley John F. Fndry. & Mach Co., Dept. H

SOUTH DAKOTA.

SIOUX FALLS—Harding B. W.
WATERTOWN—Hanten Machine Co.

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co.
Chattanooga Boiler & Tank Co.
Lookout Boiler Mfg. Co.
Walsh & Weidner Boiler Co.
JACKSON — Southern Engine & Boiler Mfg. Co.
JOHNSON CITY—Johnson City Boiler & Tank Co.
KNOXVILLE—Dallas B. B.
MEMPHIS—Memphis Boiler Works
Shea Daniel Boiler Works
Southern Boiler & Tank Works
NASHVILLE—Culberts Wm. Sons

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
Dollinger Jno.
FORT WORTH—Van Zandt Iron Works
GALVESTON—McDonough Iron Works
HOUSTON—Finucane Boiler Works
Hartwell Iron Works
Tofte Boiler & Sheet Iron Works
SAN ANTONIO—Alamo Iron Works
SHERMAN—Washington Iron Works

UTAH.

SALT LAKE CITY—Salt Lake Engineering Works
Salt Lake Iron & Steel Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

BERKELEY—Old Dominion Marine Railway
BRISTOL—Twin City Boiler Works, Inc. (Also Boiler Repair Work)
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co.
RICHMOND—McCabe Geo. & Son.

WASHINGTON.

BELLINGHAM—Reid Bros. Co.
EVERETT—Sumner Iron Works
HOQUIAM—Hoquiam Steam Boiler Works
OLYMPIA—Sofe James
SEATTLE—Commercial Boiler Works (Fox & Jenkins, Props.)
Oregon Boiler Works (John Foster, Prop)
Puget Sound (Marine & Stationary), Machinery Depot, 318 1st av
Seattle Boiler Works (Frank Hopkins, Prop)
Standard Boiler Works (Marine, Stationary & Locomotive)
Vulcan Mfg. Co.
Washington Iron Works Co.
SPOKANE—Brown Bros
Cleary J. E.
TACOMA—Brear S. D. & Son
Puget Sound Iron & Steel Works

WEST VIRGINIA.

CHARLESTON—South Side Fdry. & Machine Works
Ward Chas. Engineering Works
HUNTINGTON—Coughenour E. C. Co.
MANNINGTON—Haugh T. M.
WHEELING—Bryan & Bippus

WISCONSIN.

APPLETON — Northern Boiler & Structural Iron Works
ASHLAND—Sanders Robt. E.
GREEN BAY—Hartman-Greiling Co.
JANESVILLE—Ambrose F. O.
JUNEAU—Brieman C. G.
LA CROSSE—La Crosse Boiler Co.
MANITOWOC — Manitowoc Boiler Works Co. (Marine, Stationary, etc)
MARINETTE—Marinette Boiler Works
MILWAUKEE—American Boiler Works (Jos. Buxbaum, Prop), 287 Virginia
Cream City Boiler Co., 37th av & Lapham
Mertes-Miller Co., 239 Lake
Meyer Geo. J. Mfg. Co., 598 Clinton
Milwaukee Boiler Co., 220 Oregon
Milwaukee Reliance Boiler Works, 1102 32d
Murphy Boiler Co.,153 Barclay
Schwab-Le Zotte Boiler Co., 16th & Canal
Smith T. L. Co. ("Smith"), 1151 32nd
See adv index at end of book
OSHKOSH—Battis Bros.
Reliance Boiler Works
RACINE—Freeman Mfg. Co.
SHEBOYGAN — Optenberg Iron Works (Stationary & Marine)
SUPERIOR—Northwestern Boiler Works
TOMAHAWK—Tomahawk Steel & Iron Works
WAUSAU—Wausau Iron Works
WEST DE PERE—De Pere Mfg. Co.

1040— Boilers (Vertical)

Bass Foundry & Machine Co., Ft. Wayne, Ind.
Bigelow Co. ("Manning"), New Haven, Conn.
Bradford Iron Works, Wilmington, N. C.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Charleston Dry Dock & Machine Co. (Scotch), Charleston, S. C.
Charleston Iron Works, Charleston, S. C.
Duval Iron Wks. Inc., 126H W Bay, Jacksonville, Fla.
Gem City Boiler Co., 331 Leo, Dayton, O.
GERDES & CO., 42 Church, New York
See adv index at end of book
International Boiler Works Co., East Stroudsburg, Pa.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Lombard Iron Works & Supply Co., Augusta, Ga.
Murphy Timothy Iron Works, Jacksonville, Fla.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Phoenix Iron Wks Co., Meadville, Pa.
Riley John F. Fndry. & Mach. Co., Charleston, S. C.
Taylor Iron Works & Supply Co., Macon, Ga.
Toomey Frank Inc. (Dealers), 127 N 3rd, Phila., Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

1041— Boilers (Wash)

Aldrich Mfg. Co. (Tin & Planished Copper), Buffalo, N. Y.
Atlantic Stamping Co. (Charcoal Tin, Copper Bottoms, etc), 156-180 Ames, Rochester, N. Y.
Bass Joseph, 239 Race, Phila., Pa.
Behrens H. Mfg. Co. ("Never-Bend"), Winona, Minn.
BERTELS W. B. & SON CO., INC., Wilkes-Barre, Pa.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Coonley Mfg. Co. ("Clyde"), 551 W. Monroe, Chicago.
Fries Geo. Sons, 222 S Front, Phila., Pa.
Geuder Paeschke & Frey Co. (Copper, Galvanized & Tin), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Home Light Co. of America ("Holico Inc"), 1955 Park av, New York
Lalance & Grosjean Mfg. Co., 299 Broadway, New York
Lawrence, Bostwick Mfg. Co., Ltd., Phelps, N. Y.
McAleer E. J. & Co. ("McAleer"), 1422 N 8th, Phila., Pa.
Mosheik Philip ("Mosheik"), 1108 S Halsted, Chicago, Ill.
National Enameling & Stamping Co., (Copper, Galvanized & Tin), 411 5th av, New York
New England Enameling Co., Middletown, Conn.
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Pritchard Stamping Co. ("Prisco," "Tiger"), Rochester, N. Y.
Ray Geo. A. Mfg. Co. (Copper & Brass), Buffalo, N. Y.
Republic Metalware Co. The ("Republic"), Buffalo, N. Y.
ROCHESTER CAN CO. ("Iron Horse," Galvanized & Tin—non rust, Metallic Bottom, Copper Bottom), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. ("Rome"), Rome, N. Y.
Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.
Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
Southern Co-Operative Foundry Co., Rome, Ga.
Trethaway Bros., Parsons, Pa.

1041a— Boilers (Waste Heat)

Coatesville Boiler Wks., 30 Church, New York
Oil City Boiler Works, Oil City, Pa.

1042— Boilers (Water Tube)

ABENDROTH & ROOT MFG. CO. ("Root"), Newburgh, N. Y.
See adv index at end of book
Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
BABCOCK & WILCOX CO. ("B & W," "Rust," "Stirling"), 85 Liberty, New York
Badenhausen Co. ("Badenhausen" Stationary & Marine), Rialto bldg, San Francisco, Cal.
Ballin Water Tube Boiler Co. (Sectional), Portland, Ore.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Bath Iron Works, Ltd. ("Normand") Bath, Me.
Bay City Boiler Co., Bay City, Mich.
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*

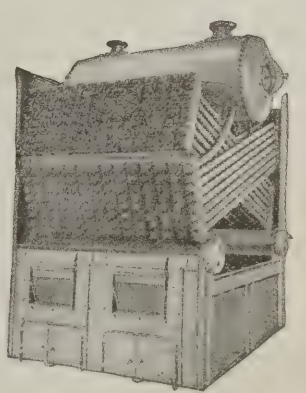


Showing boiler completely enclosed

The Worthington
STEEL ENCLOSED
Water Tube Boiler
Built in Sizes—50 to 600 Horse Power

Economical in Fuel and Room
Efficient—Durable—Rapid Steamer

JAMES BEGGS & CO.
Manufacturers
Office: 30 Warren St., New York
Works: South Norwalk, Conn.



Showing interior arrangement

BOLTS

MACHINE — CARRIAGE — FORD HUB —
LEAD COATED — GALVANIZED —
LAG SCREWS — SPECIAL

STOCK — **RIVETS** — SPECIAL

BOSS LOCK NUTS

SEND US YOUR INQUIRIES

BOSS NUT COMPANY

1732-54 N. KOLMAR AVE. CHICAGO, ILL.

BOILERS (WATER TUBE)—continued

Bigelow Co. ("Bigelow-Hornsby"), New Haven, Conn.
Brennan Jno. & Co. ("Detroit"), Dept. H, 24th & M. C. R. R., Detroit, Mich.
Casey-Hedges Co., Chattanooga, Tenn.
Charleston Dry Dock & Machine Co, Charleston, S. C.
Connelly D. Boiler Co. ("Connelly," All Sizes), Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Crowley Boiler Works, Jackson, Mich.
Dundon's Iron Works ("Dundon's" Sectional), 225 Folsom, San Francisco, Cal.
Edge Moor Iron Co., Edge Moor, Del.
Erie City Iron Works (Horizontal & Vertical), Erie, Pa.
Erie Engine Works, Erie, Pa.
Fore River Shipbuilding Corp. (Marine), Quincy, Mass.
Freeman Mfg. Co., Racine, Wis.
Gas Engine & Power Co., & C. L. Seabury Co. (Seabury Safety, Marine & Stationary), Morris Heights, N. Y.
Granger A. D. Co. ("Oswego"), 15 Park Row, New York
Harlan & Holingsworth Corp. (Marine), ft of West, Wilmington, Del.
Harrisburg Mfg. & Boiler Co. ("Star"), Harrisburg, Pa.
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Herreshoff Mfg. Co. (Herreshoff Patent), Bristol, R. I.
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Hyde Bros. & Co. ("Hyde"), Commonwealth bldg, Pittsburgh, Pa.
International Engineering Works, Ltd. ("Robb"), Framingham, Mass.
Kanawha Mfg. Co. ("Bernhard"), Charleston, W. Va.
Kidwell Boiler & Engineering Co. ("Kidwell Ring Flow"), Dept. H, Milwaukee, Wis.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
Ladd Geo. T. Co., Farmers Bk. bldg, Pittsburgh, Pa.
Llewellyn Iron Wks., 1200H N Main, Los Angeles, Cal.
McNaull Boiler Mfg. Co., Toledo, O.
Main Iron Works, 16th & Laggett, San Francisco, Cal.
Main Iron Works (Horizontal), 16th & Daggett, San Francisco, Cal.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Meehan Boiler & Construction Co., Lowellville, O.
Mohr John & Sons, 96th & Calumet, River, Chicago, Ill.
Munroe R. & Sons Mfg. Corp. (Horizontal & Vertical), 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Murray & Tregurtha Co., 340 W 1st, Boston, Mass.
New York Engng. Co., 2 Rector, New York
NAISMITH GEORGE & SON INC., 6312 Butler, Pittsburgh, Pa.
O'Brien John Boiler Works Co., St. Louis, Mo.
Ocean Shore Iron Wks., 550 8th, San Francisco, Cal.
O'Dougherty Francis C. ("Economy"), 650 Bedford av, Brooklyn, N. Y.
Ofeldt F. W. & Sons (Small), Nyack, N. Y.
OIL CITY BOILER WORKS ("Geary" Stationary), Oil City, Pa.
Pa. Boiler Wks. (& Fire Tube), Erie, Pa.
Page Boiler Co. ("Midget" Sectional), 817 Larrabee, Chicago, Ill.
Parker Boiler Co. ("The Parker" Down Flow), 9th & Sansome, Phila., Pa.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Puget Sound Machinery Depot, 318 1st av, S
Roberts Safety Water Tube Boiler Co., Red Bank, N. J.
Smith H. B. Co. ("Mills & Smith" W-17 Hot water Supply Boilers), Westfield, Mass.
Springfield Boiler Co. ("Springfield Sectional") ("Springfield"), Springfield, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Erie, Pa.
Vogt Henry Machine Co. Inc. ("Vogt"), Louisville, Ky.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Walton C. J. & Son, Louisville, Ky.
Ward Chas. Engineering Works (Marine), Charleston, W Va.
Wickes Boiler Co. ("Wickes," Vertical & Horizontal), Saginaw, Mich.
Wildman Boiler Works, 3026 Carroll av, Chicago, Ill.
Worthington Watertube Boiler Co., 30 Warren, New York

Bolsters (Car Truck & Body)

See Car Truck & Body Bolsters

1043—Bolt Header & Shoeing Vise (Combined)

Noyes B. B. Co., Greenfield, Mass.

1044—Bolt, Nut & Rivet Mfrs.

See also Sub-classifications of Bolts; also of Nuts; also of Rivets; also of Screws; also of Washers

ALABAMA.

BIRMINGHAM—American Bolt Co. (Bolts Nuts Only)
Republic Iron & Steel Co. (Bolts, Nuts, Rivets, Screws & Washers); Main Office: Youngstown, O.

CALIFORNIA.

SAN FRANCISCO—Judson Mfg. Co., 819 Folsom
Pacific Rolling Mill Co., 17th & Mississippi
Payne's Bolt Works (Bolts, Screws, Washers, etc), 133 Howard

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bolts, Nuts, etc)

CONNECTICUT.

HARTFORD—Atlantic Screw Works
Hartford Machine Screw Co. (Miller Bolts & S. A. E. Standard Bolts & Nuts)
MILLDALE—**CLARK BROS. BOLT CO.**
See adv index at end of book
NEW BRITAIN—Corbin Screw Corp. (Bolts, etc)
STANLEY WORKS (Steel Door Bolts)
See adv index at end of book
NEW HAVEN—American Rivet Co. (Rivets, Studs, Bolts, etc)
Cowles C. & Co. (Bolts)
Sargent & Co. (Bolts, all kinds)
PLANTSVILLE—Atwater Mfg. Co. (Carriage Bolts)
SHELTON—Bassett D. M. Bolt Works (Bolts)
Specialty Bolt & Rivet Wks., 132 Hillside av
TORRINGTON—Coe Brass Branch (Rivets)
Progressive Mfg. Co. (Rivets to Order Only
UNIONVILLE—Upson Nut Co. (Bolts,
WATERBURY — Blake & Johnson Co. (Special Rivets, etc.), 1500 Thomaston av
See adv index at end of book

BOLTS
NUTS
SCREWS



SPECIALS
A
SPECIALTY

CLARK BROS. BOLT CO., Milldale, Conn.

67 Years in the Business

Steele & Johnson Mfg. Co. (Brass)
Waterbury Brass Goods Corp. (Brass Rivets)
Waterbury Mfg. Co.
WINSTED—Moore, Franklin Co. (Bolts, Nuts, etc)

ILLINOIS.

CHICAGO—Blancke A. C. & Co., 602 W. Lake
BOSS NUT CO., 1744 N Kolmar av
See adv index at end of book
Continental Bolt & Iron Works (Bolts, etc), 2225 W 43d
Crane Co., 836 S Michigan av
See adv index at end of book
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Illinois Steel Co. (Track Bolts), 208 S La Salle
Interstate Iron & Steel Co. (Rivets All Kinds), 104 S Michigan av
O'Leary Arthur J. & Son Co., 65th & S 57th av
Paine Company The ("Paine" Expansion & Toggle Bolts), 1742 W Van Buren
See adv index at end of book
MARSEILLES—Moore Joshua (Rivets)
ROCK FALLS—Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts, Washers, etc)
ROCKFORD—Rockford Bolt Co. (Bolts, Rivets & Nuts), 60 Mill

INDIANA.

GARY—Gary Screw & Bolt Co. (Bolts, Screws, etc)
SHELBYVILLE—Vandergrift & Morris

MARYLAND.

BALTIMORE—Armstrong & Parker (Bolts & Washers), 361 Guilford av
Maryland Bolt & Forge Co., Mt. Washington

MASSACHUSETTS.

BOSTON—Hill-Smith Metal Goods Co. (Bolts, Nuts & Washers), 82 Brookline av.
New England Screw Co., 44 Farnsworth
Standard Rivet Co., 41 Lincoln
Sylvester Co. (Bolts, Spikes, etc), 141 Milk
Tubular Rivet & Stud Co. (Rivets), 87 Lincoln
EVERETT—New England Bolt Co. (Bolts, Nuts & Washers)
FRAMINGHAW—Framinghaw Screw Wks. (Wild Nuts)
PLYMOUTH—Plymouth Mills (Rivets & Washers)
TAUNTON—Nelson Rivet Co. (Brass, Copper & Iron Rivets)
Taunton Rivet Works (Rivets & Washers)
WORCESTER—Reed & Prince Mfg. Co. (Bolts, Nuts & Rivets)
Smith Thos. Co. (Bolts, Nuts & Washers)

MICHIGAN.

DETROIT—Detroit Nut Co., Hubbard av & M. C. R. R.
Detroit Screw Works (Bolts & Nuts)
Michigan Bolt & Nut Works (Bolts, Nuts, Rivets & Washers), ft. Meldrum

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Bolts, Nuts, Rivets & Washers)
ST. LOUIS—American Car & Foundry Co., Syndicate Tr. bldg
Moran Bolt & Nut Mfg. Co. (Bolts, Nuts, Rivets, Screws & Washers), 1st & Florida
St. Louis Screw Co. (Bolts, Nuts, etc), Clarence & Bulwer avs

NEW JERSEY.

BAYONNE—Bayonne Bolt & Nut Co.
See adv index at end of book

BOLTS, NUTS & RIVETS
Of All Descriptions
BAYONNE BOLT & NUT CO.
Manufacturers
Bayonne, N. J.
on New York Harbor

HARRISON—Harrison Bolt & Nut Co.
JERSEY CITY—Ames W. & Co. (Bolts, Nuts, etc), Communipaw av
See adv index at end of book

BOLTS
Track and Machine
BAR IRON
Rail Splice Bars
W. AMES & CO.
Manufacturers
Woodward Street, JERSEY CITY, N. J.

NEWARK—Hartley Screw Products Co., Poinier
Newark Rivet Works (Rivets), 262 Lafayette
PHILLIPSBURG—Galvanized Products Co.

NEW YORK.

BUFFALO—Bell Co. (The) (Nuts from Bar Stock & Finished Bolts), 1555 Fillmore av
Niagara Screw Co. (Bolts, Nuts & Screws)
NORTH TONAWANDA—Buffalo Bolt Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Gaskell Wm. & Son (Bolts), 59 Freeman
IGOE BROTHERS (Rivets), 61-73 Metropolitan av
See adv index at end of book
Smith & McCrorken Inc., 65 Engert
Upham V. B. & Bro. (Rivets), 30 Hudson av

Boroughs of Manhattan and Bronx.

NEW YORK—American Bridge Co., 30 Church
AMERICAN CAR & FOUNDRY CO., 165 Broadway
See adv index at end of book
Fisher C. W., 52H Broadway
Greenlie-Halliday Co. (Bolts, Nuts, Rivets & Washers), 499 Water
IGOE BROTHERS (Rivets), Canal & Lafayette, New York
See adv index at end of book
Liberty Steel Co., 233 B'way

(End of New York City)

Borough of Queens

MASPETH—Merrill Bros., 3 Arnold
See adv index at end of book
PORT CHESTER—Russell, Burdsall & Ward Bolt & Nut Co.
POUGHKEEPSIE—Anchor Bolt & Nut Co.
ROME—Rome Brass & Copper Co. (Copper Rivets & Washers, etc)
SYRACUSE—Central City Bolt Co. (Bolts & Nuts)
TROY—Burden Iron Co. (Rivets)

OHIO.

AMHERST—U. S. Automatic Co. (Bolts & Nuts)
BEREA—Ohio Nut & Bolt Co.
CINCINNATI—Elden T. G. (Nuts, Rivets, etc), 115 Sycamore
CLEVELAND—ATLAS BOLT & SCREW CO. (Bolts, Nuts, Rivets, Screws, etc.), 1130 Ivanhoe rd
See adv index at end of book
Carlin Anthony Co., 2717 E 75th
Champion Rivet Co. (Rivets), Harvard av & E. 108th
Cleveland Bolt & Mfg. Co. (Bolts) ("North" carriage)
Eagle Bolt & Forging Co. (Bolts & Rivets), 1435 E. 45th
Foster Bolt & Nut Mfg. Co. (Bolts, Nuts, Screws, etc), Union av & E 72d
Kirk-Latty Mfg. Co. (Bolts, Rivets, etc), 1971 W. 85th
Lake Erie Bolt & Nut Co., 915H E 63rd
Lamson & Sessions Co. (Bolts, Nuts & Rivets), 2188 Scranton rd S W
National Acme Co., 7500 Scranton av S E
National Screw & Tack Co. (Bolts, Nuts & Rivets), Stanton av S E & C. & P. Ry.
Peerless Automatic Machine Co., 1962 W. 77th
Upson Nut Co (Bolts, Nuts & Rivets)
COLUMBUS—Berry Bros. (Bolts, Nuts & Rivets)
Columbus Bolt Works Co. (Bolts, Nuts, Rivets, Screws & Washers)
Standard Bolt Co.
ELYRIA—Western Automatic Machine Screw Co. (Bolts, Nuts, etc)
KENT—Falls Rivet Co.
YOUNGSTOWN—REPUBLIC IRON & STEEL CO. (Bolts, Nuts, Screws & Washers)
See branch offices alphabetical section

OREGON.

PORTLAND—Northwest Bridge & Iron Co.

PENNSYLVANIA.

BUTLER—Butler Bolt & Rivet Co.
JOHNSTOWN—Cambria Steel Co. (Bolts, Nuts & Rivets). Main Office: Phila., Pa.
LEBANON—American Iron & Steel Mfg. Co. (Bolts, Nuts, Rivets & Washers)
NORRISTOWN—American Equipment Co. (Bolts, Nuts, etc)
Reading Screw Co. (Stove & Tire Bolts)
Philadelphia Ankyra Mfg. Co. (Anchor Bolts), Wayne Junction
Cambria Steel Co. (Bolts, Nuts & Rivets), Widener bldg
Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.
Haydon A. & M., 304 N 22d
McGookin D. H., 1630 N 9th
Skelly Thos. P. Bolt Co. (Bolts Only), 24th & Carlton
PITTSBURGH—Flannery Bolt Co., Vanadium bldg
Graham Nut Co.
Hubbard & Co. (Bolts, Nuts, etc), 63d & Butler
Hussey C. G. & Co. (Rivets, Copper), 2850 2nd av
Lanz M. Bolt Co., 2907H Carson
Liberty Steel Products Co., 1st Nat Bk bldg
National Bolt & Nut Co. (Bolts, Nuts), 62nd & A. V. R. R.

PENNSYLVANIA—Pittsburgh—continued
New Castle Steel & Iron Co. (Bolts, Rivets, etc)
Oliver Iron & Steel Co. (Screws & Washers), S 10th & Muriel
Pittsburg Knife & Forge Co. (Large Bolts, Rivets, etc), Ridge & Chateau
Pittsburg Rivet Co., 38th & Junction R R
Pittsburgh Screw & Bolt Co., Preble av
Severence S. Mfg. Co. (Rivets, Spikes, etc), 3d
Steel Car Forge Co., Frick bldg
POTTSVILLE—Pottsville Bolt Co. (Bolts & Screws)
SCRANTON—Scranton Bolt & Nut Co. (Bolts, Nuts, Rivets, Screws & Washers)
SOUTH BETHLEHEM—Bethlehem Steel Co.
WEST PITTSBURGH—Garland Nut & Rivet Co.
WILLIAMSPORT—Sweet's Steel Co. (Track Bolts and Nuts)
See adv index at end of book

RHODE ISLAND.

PAWTUCKET—Haskell Wm. H. Mfg. Co. (Bolts & Nuts), 21 Stevens
Pawtucket Mfg. Co. (Bolts, Screws, etc)
PROVIDENCE — American Screw Co. (Bolts & Nuts), 21 Stevens
Eastern Bolt & Nut Co., E Providence
Rhode Island Tool Co. (Bolts, Nuts & Washers)
VALLEY FALLS—Standard Nut & Bolt Co.

TENNESSEE.

ERWIN—Brown A. R. ("Brown's Perfection")

1045—*Bolt, Nut & Rivet Mfrs. (Monel Metal)

BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*

1046— Bolt & Screw Cases

American Bolt & Screw Case Co. (Revolving), Dayton, O.
Eclipse Mfg. Co. (Sectional Revolving), Wellston, O.
Green A. H. Co., 97 Warren, New York
Heller W. C. & Co., Montpelier, O.
Hobart Bros., Troy, N. Y.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
New Britain Machine Co. (Revolving), 190 Chestnut, New Britain, Conn.
Warren J. D. Mfg. Co., Masonic Temple, Chicago, Ill.

1047—*Bolt & Shield (Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book
M'CABE HANGER MFG. CO., 426-428 W. 25th, New York
See adv index at end of book
PAINE COMPANY THE, 1742 W Van Buren, Chicago, Ill.
See adv index at end of book

1048— Bolters (Corn Meal)

Gump B. F. Co., 431 S. Clinton
Huntley Mfg. Co., Silvercreek, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co, Muncy, Pa.

1049— Bolters (Flour Mill)

Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co, Muncy, Pa.

1050— *Bolters (Universal)

ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co. (With Vibrometer Drive), Milwaukee, Wis.

1051— Bolts (Anchor)

See also Bolts, Expansion

American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Ankyra Mfg. Co., 144 Berkley, Wayne Junc., Phila., Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Galvanized Products Co., Phillipsburg, Pa.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro of Queens, New York
See adv index at end of book
Pittsburg Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Star Expansion Bolt Co. ("STAR" & "SEBCO"), 145 Cedar, New York
See adv index at end of book
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
United States Expansion Bolt Co., 25 Elm New York

1052— *Bolts (Automatic)

Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis. *See adv index at end of book*
Stanley Works, New Britain, Conn.
See adv index at end of book

1053— Bolts (Automobile)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio
See adv index at end of book
Boss Nut Co., 1744 N Kolmar av, Chicago, Ill.
CLARK BROS. BOLT CO., Millidale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & L. E. Belt Line, Cleveland, O.
Falls Rivet Co., Kent, Ohio
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1054— Bolts (Automobile Steering Knuckle)

Vahan Products Co., 73rd & St. Clair, Cleveland, O.

Bolts (Barge)

See Bolts, Drift

Bolts (Barn Door)

See Bolts, Door & Window

Bolts (Barrel)

See Bolts, Door & Window

1054a—Bolts (Barrel Builders)

Stanley Works, New Britain, Conn.
See adv index at end of book

1055—Bolts (Belt or Elevator)

American Screw Co., 21 Stevens, Providence, R. I.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Bethlehem Steel Co., So Bethlehem, Pa.
CLARK BROS. BOLT CO. (Elevator), Millidale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Mullins Body Corp., Dept. H, Salem, Ohio
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.

1056— Bolts (Bicycle)

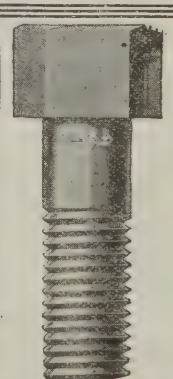
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Clark Bros. Bolt., Milldale, Conn.
See adv index at end of book
National Acme Co., 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co., Stanton av, S E & P. Ry., Cleveland, O.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

1057— Bolts (Billiard Table)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.

1057a— Bolts (Blank)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Ames W. & Co., Jersey City, N. J.
Boss Nut Co., 1744 N Kolman av, Chicago, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Screws & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.



BOLTS and NUTS
CAP SCREWS
and RIVETS



THE ATLAS BOLT AND SCREW CO.
BOLT MAKERS Cleveland, U.S.A. SINCE '96.

Cable Address:
"ATLASBOLT"
Western Union Code

1058—Bolts (Boiler & Boiler Patch)

BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, O.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

1059— Bolts (Boiler Stay)

Bethlehem Steel Co., So Bethlehem, Pa.
Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio
Flannery Bolt Co. ("Tate" Flexible & "F. B. C."), Vanadium bldg, Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Lockhart Iron Steel Co., McKees Rocks, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O. *See branch offices Alphabetical Section*
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, O.

1060—Bolts (Brass, Bronze & Copper)

Acheson Mfg. Co., Rankin, Pa. *See adv index at end of book*
AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Equipoise Rivet Co. (Brass Flange), Waterbury, Conn.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Moran Bolt & Nut Mfg. Co. (Bronze & Copper Only), 1st & Florida, St. Louis, Mo.
Mutual Electric & Machine Co. (Copper), **232 Fort W, Detroit, Mich.**
National Acme Co., 7500 Stanton av S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phosphor Bronze Smelting Co. (Phosphor Bronze), 2200 Washington av, Phila., Pa.
RAWLES JAMES & CO., 74 Pearl, Boston, Mass., & 253 Bway, New York
Reading Hardware Co. (Brass), Reading, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co. (Brass & Bronze), 60 Mill, Rockford, Ill.
St. Louis Screw Co. (Brass & Bronze), Clarence & Bulwer avs, St. Louis, Mo.
Trumpbour-Whitehead, Brass & Copper Co., 309-311 Canal, New York, and 43 North 7th, Philadelphia, Pa. *See adv index at end of book*
Whitehead Metal Products Co., 67-73 **Washington, North Boston, Mass.** *See adv index at end of book*

1061—Bolts (Bridge & Structural)

American Equipment Co., Norristown, Pa.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., North Tonawanda, N. Y.
Cleveland City Forge & Iron Co., Cleveland, O.
Colorado Fuel & Iron Co., Denver, Colo.
Continental Bolt & Iron Works, 2225 W. 43d, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.
Graham Nut Co., Pittsburgh, Pa.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Bolt & Nut Co., ft of E. 63d, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
McGookin D. H., 1630 N 9th. Phila., Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), New York *See adv index at end of book*
Michigan Bolt & Nut Works, ft Meldrum, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New England Bolt Co., Everett, Mass.
OLD DOMINION IRON & STEEL CO., Belle Isle, Richmond, Va. *See adv index at end of book*
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O. *See branch offices Alphabetical Section*
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin St. Paul, Minn. *See adv index at end of book*
Scranton Bolt & Nut Co., Scranton, Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Sylvester Co., 141 Milk, Boston, Mass.
Upson Nut Co., Cleveland, O.
Wendt Albert H., 456 E 2d, Cincinnati, O.

Bolts (Bronze)

See Bolts, Brass & Copper

1062— Bolts (Car)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa. *See adv index at end of book*
Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Hamilton Wm. Sons Car Co., Newark, Ohio
Harrison Bolt & Nut Co., Harrison, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Bolt & Nut Co., ft of E. 63d, Cleveland, O.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Pressed Steel Car Co (Column Post & Journal Box), 307 5th av, Pittsburgh, Pa.
St Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Standard Bolt Co., Columbus, O.
Western Steel Car & Foundry Co. (Column Post & Journal Box), 122 S Michigan, Chicago, Ill.

1063— Bolts (Carriage)

American Bolt Co. (Also Machine), Birmingham, Ala.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Ballard Drop Forge Co., Seattle, Wash.
BAYONNE BOLT & NUT CO. (also Machine), Bayonne, N. J. *See adv index at end of book*
Bassett D. M. Bolt Works, Shelton, Conn.
Berry Bros. Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1744 N Kolman av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn. *See adv index at end of book*
Cleveland Bolt & Mfg. Co. ("North" Ribbed Neck), Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co. (Common & Eagle), Columbus, O.
Corbin Screw Corp. (Fancy Head), New Britain, Conn.
Cowles C & Co., New Haven, Conn.
Eagle Bolt & Forging Co. (Turned Head & Fellow Step), 1435 E 45th, Cleveland, O.
Falls Rivet Co., Kent, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Harper F. C. Screw Wks., 29 S Clinton, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Joslyn Mfg. Supply Co., Chamber of Commerce bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft of E. 63d, Cleveland, O.
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd, S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
LARKIN J. K. & CO. (also Wagon), 253 Bway, New York *See adv index at end of book*
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Stanton av S E & C. & P. Ry., Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh Pa.
Paine Company The (Jobbers), 1742 W Van Buren, Chicago, Ill. *See adv index at end of book*
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O. *See branch offices Alphabetical Section*
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Schaper Construction Material Co., 90 West, New York
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Skelly Thos P. Bolt Co., 24th & Carlton, Phila., Pa.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Standard Bolt Co., Columbus, O.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Upson Nut Co. (Common, "Philadelphia," "Coleman Eagle"), Cleveland, O.
Western Screw Mfg. Co., 4413-23H, W Kenzie, Chicago, Ill.

1063a— Bolts (Chain)

McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

1064-5— Bolts (Collar)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Kirk-Latty Mfg. Co., 197 W 85th, Cleveland, O.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
National Acme Co. (Milled), 7500 Stanton av S E, Cleveland, O.

BOLTS (COLLAR)—continued
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Western Automatic Machine Screw Co., Elyria, O.

1066— Bolts (Countersunk)

See also Bolts, Plow; Bolts, Stove

American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland *See adv index at end of book*
Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1744 N Kolmar av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
Columbus Bolt Works Co., Columbus, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Harrison Bolt & Nut Co., Harrison, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O. *See branch offices Alphabetical Section*
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Standard Bolt Co., Columbus, O.
Western Automatic Machine Screw Co., Elyria, O.

1067— Bolts (Coupling)

Bethlehem Steel Co., So Bethlehem, Pa.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cleveland Shaft Spring Co. ("Shiperd" Shaft), Cleveland, O.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Gary Screw & Bolt Co. (Milled), Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Nut, Tapped, etc), Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
National Acme Co. (Milled), 7500 Stanton av S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co. (Milled), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co. (Milled Haxagon Heads & Nuts), Providence, R. I.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Products Co., 2206 Clarkwood av, S. E. Cleveland, Ohio
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

1067a— Bolts (Cremone)

Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis. *See adv index at end of book*
Phenix Mfg. Co., Milwaukee, Wis.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

1068— Bolts (Cross-Arms)

American Equipment Co., Norristown, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Galvanized Products Co., Phillipsburg, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1069— Bolts (Crown-Bar)

Bethlehem Steel Co., So Bethlehem, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Bolts (Cultivator Point)

See Bolts, Plow

Bolts (Cupboard)

See Bolts, Door & Window

1069a— *Bolts (Deck)

Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*

1070—Bolts (Door, Emergency Exit)

Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis. *See adv index at end of book*
Clark H. E. & Bros. (Brighton), Rochester, N. Y.
Columbia Iron & Wire Wks Co., Canton, O.
Corbin P. & F., New Britain, Conn.
Russell & Erwin Mfg. Co. ("Russwin Panic-Exit"), New Britain, Conn.
Sargent & Co. (Fire Exit), New Haven, Conn.

1071—Bolts (Door & Window)

Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Auer John Jr. (Wrought, Flush, Flat, Store Door & Drop Door or Gate Bolts), 199 Middleton, Brooklyn, N. Y.
Bolles Wm B. (Double Arm), P. O. Box 600 M, Milwaukee, Wis. *See adv index at end of book*
Brainerd Mfg. Co., E Rochester, N. Y.
Champion Hardware Co. ("Champion" Mortise Door), Geneva, O.
Clark H. E. & Bros. (Brighton "Safety"), Rochester, N. Y.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin Cabinet Lock Co. (Double Door, etc), New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Griffin Mfg. Co. (Wrought Steel), Erie, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co. (Barn, Store, Door, etc.), Nashua, N. H.
Ives H. B. Co., New Haven, Conn.
McKinney Mfg. Co. (Door, Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
Morewood Standard Safety Devices Co. (Panic), 253 B'way, New York
New England Bolt Co., Everett, Mass.
Norwalk Lock Co., So. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Fire Door), 1934 N Front, Phila., Pa.
Pratt Wm. E. Mfg. Co. (Gravity Door), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf, Inc. ("The Gem"), Rochester, N. Y. *See adv index at end of book*
Shelby Spring Hinge Co. (Wrought Steel), Shelby, O.
STANLEY WORKS ("Dickey" Door & "Cremorne" Window Spring), (Wrought Steel & Brass), New Britain, Conn. *See adv index at end of book*
Taylor & Boggis Foundry Co. (Chain & Foot, etc), Cleveland, O.
Wrightsville Hardware Co. (Cast), Wrightsville, Pa.

1072— Bolts (Drift)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Galvanized Products Co., Phillipsburg, N. J.
Harrison Bolt & Nut Co., Harrison, N. J.
Harry L. C. Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Marine Hardware-Equipment Co., South Portland, Me. *See adv index at end of book*
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
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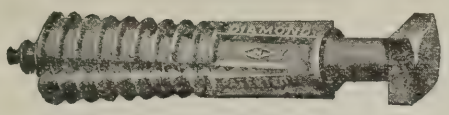
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Manufacturers

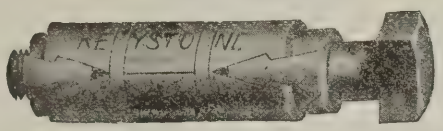
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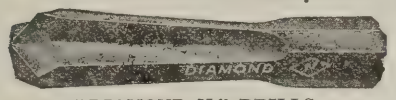
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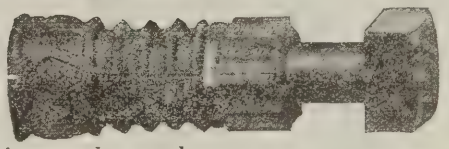
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Republic Iron & Steel Co., Youngstown, O.
See branch offices Alphabetical Section
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St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
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Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1073— Bolts (Duplex Twin)

Star Expansion Bolt Co. ("SEBCO"), 145 Cedar, New York
See adv index at end of book

Bolts (Elevator)

See Bolts, Belt or Elevator

1074— Bolts (Expansion)

See also Classifications Following

Ackerman-Johnson Co., 625 W Jackson blvd., Chicago, Ill.
American Expansion Bolt Co., 4077 Park, New York
Ankyra Mfg. Co. ("Ankyra"), 144 Berkley, Wayne Junct., Phila., Pa.
Barrett Sales Co., 568 W Washington blvd, Chicago, Ill.
Brohard Co. ("Climax"), 3d & Lehigh, Phila., Pa.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Chicago Expansion Bolt Co. ("Chicago") 324 W Washington, Chicago, Ill.
Chicago Nut Co. ("Ajax"), 2513 W 20th, Chicago, Ill.
Church Isaac ("O. K.," "Perfect," "Duplex"), East Norwalk, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
DIAMOND EXPANSION BOLT CO ("Diamond," "Diamond N" & "Keystone," "Di-en-key," Brass & Iron) 89 West, New York
See adv index at end of book
Electric Railway Equipment Co. (Trolley Wire), 2900H Cormany av, Cincinnati, Ohio
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Evans F. H., Est. of ("Crescent"), 31 Hewes, Brooklyn, N. Y.
Fischer & Hayes Rope & Steel Co., 742 744 W Van Buren, Chicago, Ill.
Garrison Brass & Machine Works ("Phillips"), 107 W 13th, New York.
Hubbard & Co. ("Pierce"), 63d & Butler, Pittsburgh, Pa.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
McCABE HANGER MFG. CO., 426-428 W 25th, New York
See adv index at end of book
Monarch Expansion Bolt Co., 4326 W 1st, Duluth, Minn.
National Lead Co. ("Cinch"), 111 B'way New York
New Jersey Fdy. & Mach. Co., 90 West New York
PAINE COMPANY THE ("Paine"), 1742 W. Van Buren, Chicago, Ill.
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Parker Supply Co. ("Parker"), 785 E 135th, New York
Richmond Screw Anchor Co., Pulitzer bldg, New York
Savage Expansion Bolt Corp., 9 Desbrosses, New York
Seaman A. C., 124 N 6th, Phila., Pa.
Stannard Mfg. Co. ("Little Giant"), 371 Allen, Springfield, Mass.
STAR EXPANSION BOLT CO. ("Star" & "SEBCO," All Kinds), 145 Cedar, New York. *See adv index at end of book*
Steward & Romaine Mfg. Co. (For Concrete), 124 N 6th, Phila., Pa.
U. S. EXPANSION BOLT CO., 139-141 Franklin, New York
See adv index at end of book
Van Expansion Bolt Mfg. Co. ("Van"), 4845 N Lowell av, Chicago, Ill.
Waterbury Mfg. Co., Waterbury, Conn.

1075—Bolts (Expansion, Brass)

Star Expansion Bolt Co., 145 Cedar, New York. *See adv index at end of book*
U. S. EXPANSION BOLT CO., 139-141 Franklin, New York
See adv index at end of book

1076—Bolts (Expansion, for Concrete Work)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
DIAMOND EXPANSION BOLT CO. ("Diamond," "Diamond N" & "Keystone," "Di-en-key"), 89 West, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
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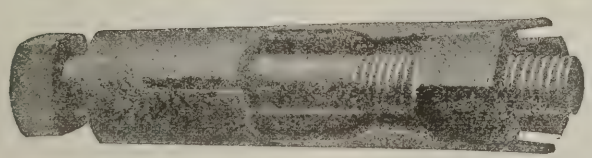
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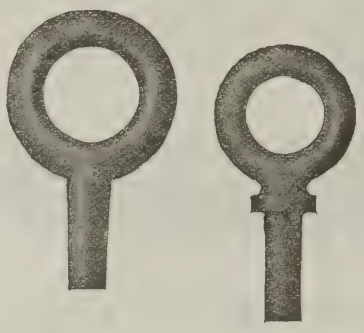
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1078a— Bolts (Eye)

See also Bolts, Hook & Eye; also Bolts, Ring; also Bolts, Swing or Eye.
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Laughlin Thos. Co., Portland, Me.
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St. Louis Screw Co. (Welded), Clarence & Bulwer avs, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 36th, New York
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

1078b— Bolts (Finished)

Bell Co. (The), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*

1078c— Bolts (Flush)

Auer John Jr., 197 Middleton, B'klyn, N. Y.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Stanley Works, New Britain, Conn. *See adv index at end of book*
Taylor & Boggis Fdy. Co., Cleveland, O.

1078d— *Bolts (Foot)

STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

1079— Bolts (Forged)

American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Columbus Bolt Works Co., Columbus, Ohio
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Eagle Bolt & Forging Co. (Hot Forged), 1435 E 45th, Cleveland, O.
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Harrison Bolt & Nut Co., Harrison, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Laughlin Thos. Co., Portland, Me.
Marine Hardware-Equipment Co., South Portland, Me. *See adv index at end of book*
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Smith A. L. Iron Wks., Chelsea, Mass.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
WILLIAMS J. H. & CO. (Eye Bolts, etc.), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

1080— Bolts (Foundation)

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Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Ferry Cap & Set Screw Co., 2149 Scranton Rd., Cleveland, Ohio
Fulton Iron Works Co., St. Louis, Mo. *See adv index at end of book*
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., Pittsburgh, Pa.
Hamilton Wm. Sons Car Co., Newark, O.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Harry L C Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), New York *See adv index at end of book*
Michigan Bolt & Nut Wks, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
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Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
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Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O. *See branch offices Alphabetical Section*
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*
Scranton Bolt & Nut Co., Scranton, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wendt Albert H., 456 E 2d, Cincinnati, O.

1081— Bolts (Galvanized)

American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
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Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1082— *Bolts (Garage Door)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Bolles Wm. B., P.O. Box 600M, Milwaukee, Wis.
Phenix Mfg. Co., Milwaukee, Wis.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

1082a— Bolts (Hanger)

See also Screws, Hanger

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Laughlin Thos. Co., Portland, Me. *See adv index at end of book*
Paine Company The, 1742 W Van Buren, Chicago, Ill. *See adv index at end of book*
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.

1083— Bolts (Harvey Grip)

Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.

1084-5— Bolts (Heel)

American Bolt Co., Birmingham, Ala.
Bethlehem Steel Co., So Bethlehem, Pa.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*

1086— Bolts (Hook Head)

See also Bolts, Ring

Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Berry Bros. Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Galvanized Products Co., Phillipsburg, N. J.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Marine Hardware-Equipment Co., South Portland, Me. *See adv index at end of book*
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

1087— Bolts (Hook & Eye)

See also Bolts, Ring; also Bolts, Eye; also Bolts, Swing or Eye

American Bridge Co., 30 Church, New York
Auer John Jr., 199 Middleton, Brooklyn, N. Y.
Bethlehem Steel Co., So Bethlehem, Pa.
Billings & Spencer Co. (Drop Forged Eye), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland City Forge & Iron Co., Cleveland, O.
Eureka Co. (Eye Bolts Only), North East, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Force Chas. C. & Son, Madison, N. J.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lakeside Forge Co. (Drop Forged), Erie, Pa. *See adv index at end of book*
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Laughlin Thos. Co. (Eye), Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co. (Eye & "Mheco"), South Portland, Me.
See adv index at end of book
MERRILL BROS. (Eye, Drop Forged), 3 Arnold, Maspeth (Boro of Queens), New York *See adv index at end of book*
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See branch offices Alphabetical Section
Rhode Island Tool Co. (Blank or Threaded Steel Eye), Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Sargent & Co. (Eye), New Haven, Conn.
Scranton Bolt & Nut Co., Scranton, Pa.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Strieby & Foote Co. (Drop Forged), 301 Ogden, Newark, N. J.
Upson Nut Co., Cleveland, O.
Wickwire, Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc. (Screw, Nut & Drive), Middletown, Conn.
See adv index at end of book
Wilcox D. Mfg. Co. (Drop Forged Eye), Mechanicsburg, Pa.
WILLIAMS J. H. & CO. ("Vulcan" drop forged, weldless), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. (Weldless Drop Forged, Blank & Threaded), New Haven, Conn.

1087a—Bolts (Insulated Suspension)

Cutter Geo. Co. ("Cutters"), South Bend, Ind.
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Line Material Co., S Milwaukee, Wis.

1088— Bolts (Key)

Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Upson Nut Co., Cleveland, O.

1089— Bolts (King)

Bethlehem Steel Co., So Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Detroit Machine Tool Co. (Straight, Cylindrical Hardened & Ground), 6545 St. Antoine, Detroit, Mich.
Detroit Screw Works (Hardened & Ground, Automobile), 348 Franklin, Detroit, Mich.
Ford-Clark Co., 3125 Perkins av, Cleveland, O.
Harrison Bolt & Nut Co., Harrison, N. J.
Harvey Spring & Forging Co. (Wagon), Racine, Wis.
Kidder R. E. Co. (Automobile Pins), Worcester, Mass.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pollak Steel Co. The, 386 W 71st, Carthage, Cincinnati, O.

1089a— Bolts (Lag)

See also Bolts, Screw & Nut Eye.

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
BOSS NUT CO., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Columbus Bolt Works Co., Columbus, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

1090— Bolts (Loom)

Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Standard Bolt Co., Columbus, O.
Upson Nut Co., Cleveland, O.

1091— Bolts (Machine)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Arghis E. J. & Co., 74 Wall, New York
Armstrong & Parker, 361 Guilford av, Baltimore, Md.
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Ballard Drop Forge Co., Seattle, Wash.
Bassett D. M. Bolt Works, Shelton, Conn.
BAYONNE BOLT & NUT CO. (also Carriage), Bayonne, N. J.
See adv index at end of book
Berry Bros., Columbus, Ohio.
Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1744 N Kolman av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Colorado Fuel & Iron Co., Denver, Colo.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Falls Rivet Co. Kent O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
FOSTER MFG. & SUPPLY CO., 20th & Venango, Phila., Pa.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.
Graham Mfg. Co., Cleveland, O.
Graham Nut Co., Pittsburgh, Pa.
Greenlie-Halliday Co., 499 Water, New York
Hallett Iron Works, Harvey, Ill.
Harper F. C. Screw Wks, 19 E 8th, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
IRONBOUND HARDWARE & SUPPLY HOUSE 228 Ferry, Newark, N. J.
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O.
See adv index at end of book
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft of E 63rd, Cleveland O.
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lorain Steel Co., Johnstown, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), New York
See adv index at end of book
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
MULHOLLAND W. J., Commercial Trust bldg, Phila., Pa.
See adv index at end of book
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
National Screw & Tack Co., Stanton av, S E & L. & P. Ry, Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Paine Company The (Jobbers), 1742 W Van Buren, Chicago, Ill.
See adv index at end of book
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
See branch offices Alphabetical Section
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Schaper Construction Material Co., 90 West, New York
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Southern California Iron & Steel Co., E 4th & Mateo, Los Angeles, Cal.
Standard Bolt Co., Columbus, O.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1092— Bolts (Mooring Post)

Ames W & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Bayonne Bolt & Nut Co., Bayonne, N. J.
Galvanized Products Co., Phillipsburg, N. J.
Harrison Bolt & Nut Co., Harrison, N. J.
Western Automatic Machine Screw Co., Elyria, O.

1093— *Bolts (Naval Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

1094— Bolts (Neck)

National Screw & Tack Co. ("O. H. Fin"), Stanton av S E & C & P. Ry., Cleveland, O.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

1095—Bolts (Nut & Screw Ring)

Harrison Bolt & Nut Co., Harrison, N. J.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Pheoll Mfg. Co., 5700 W 12th, Chicago, Ill.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

1096— Bolts (Planer Head)

Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hope Wm. H. Co.e (Also Screws), Lowell, Mass.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Western Automatic Mach. Screw Co., Elyria, O.

1097-8— Bolts (Plow)

Bonney Forge & Tool Works, Allentown, Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
BOSS NUT CO., 1744 N Kolman av, Chicago, Ill.
See adv index at end of book
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Standard Bolt Co., Columbus, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Upson Nut Co., Cleveland, Ohio

1099— Bolts (Ring)

Auer J. Jr., 199 Middleton av, Bklyn., N. Y.
Harrison Bolt & Nut Co., Harrison, N. J.
Harvey Spring & Forging Co., Racine, Wis.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware-Equip. Co., So. Portland, Me. *See adv index at end of book*
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Stolz Jos. & Son, Inc., 841 E 136th, New York
Union Forging Co., Union, N. Y.

Bolts (Roof)

See Bolts, Bridge & Structural

1100—Bolts (Screw & Nut Eye)

Ames W. & Co. (Screw), Woodward, Jersey City, N. J.
See adv index at end of book
BOSS NUT CO., 1744 N Kolmar av, Chicago, Ill.
Ferry Cap & Set Screw Co., 2149 Scranton Rd., Cleveland, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Wilcox, Crittenden & Co., Middletown, Conn. *See adv index at end of book*

1101— Bolts (Shackle)

Bard Mfg. Co. (Spring Shackle), Royersford, Pa.
Blakeslee Forging Co. (Milled), Plantsville, Conn.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Bowen Products Corp. (Spring with Integral Lubricators) Divs., Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., and Winsdor, Ont., Can.
See adv index at end of book
Brown Co. ("Brown" Spring for Automobiles), Syracuse, N. Y.
Buffalo Bolt Co., North Tonawanda, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Detroit Machine Tool Co. (Headless, Straight, Cylindrical, Hardened & Ground), 6545 St. Antoine, Detroit, Mich.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Ford-Clark Co., 3125 Perkins av, Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Fostoria Screw Co., Fostoria, O.
Harrison Bolt & Nut Co., Harrison, N. J.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2788 Scranton rd, S W, Cleveland, O.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Moore Franklin Co., Winsted, Conn.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Spafford Machine Screw Wks., Hartford, Conn.
Standard Turnbuckle Co., Corry.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, Ohio

1102-3— Bolts (Shaft)

Cleveland Shaft Spring Co. ("Shiperd" Coupling), Cleveland, O.
Columbus Bolt Works Co. (T Head Shaft), Columbus, O.
Corbin Screw Corporation (Reverse Helicoid), New Britain, Conn.
Eagle Bolt & Forging Co., 1435 E 45th, Cleveland, O.
Harrison Bolt & Nut Co., Harrison, N. J.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

1104— Bolts (Shutter)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Wrightsville Hardware Co., Wrightsville, Pa.

1105— Bolts (Sink)

American Screw Co., 21 Stevens, Providence, R. I.
Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Atlas Bolt & Screw Co. (Iron & Brass), 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Berry Bros., Columbus, O.
Central Foundry Co., 90 West, New York
Corbin Screw Corporation, New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Stanton av, S E, & C. & P. Ry, Cleveland, O.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Upson Nut Co., Cleveland, O.

1106— Bolts (Sleigh Shoe)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Berry Bros., Columbus, O.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation (Plain & Reverse Helicoid), New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Michigan Bolt & Nut Wks., ft. Meldrum, Detroit, Mich.
Moore Franklin Co., Winsted, Conn.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Upson Nut Co., Cleveland, O.

1107— Bolts (Socket)

Bethlehem Steel Co., So Bethlehem, Pa.
Bignall Co., Medina, N. Y.
Gary Screw & Bolt Co., Gary, Ind.
Marine Hardware Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
See adv index at end of book

1107a— *Bolts (Special)

Ames W. & Co. (Reel), Woodward, Jersey City, N. J.
Galvanized Products Co., Phillippsburg, Pa.

1108— Bolts (Split)

Harry L. C. Co., 114 Liberty, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

1109— Bolts (Spring)

Bard Mfg. Co. (Spring Shackle), Royersford, Pa.
Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis.
BOSS NUT CO., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
BOWEN PRODUCTS CORP., Auburn Div., Divs. Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., & Winsdor, Ont., Canada.
See adv index at end of book
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Ford-Clark Co., 3125 Perkins av, Cleveland, O.
Fostoria Screw Co., Fostoria, O.
Spafford Machine Screw Wks., Hartford, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Lander, Nary & Clark, New Britain, Conn.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Upson Nut Co., Cleveland, O.

1109a— Bolts (Square)

Harrison Bolt & Nut Co., Harrison, N. J.
Pittsburg Rivet Co., 38th & Junction R R, Pittsburg, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

1110— Bolts (Stay)

See also Bolts, Boiler Stay

American Flexible Bolt Co. ("American" Flexible), Union Bank bldg, Pittsburgh, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Breakless Staybolt Co., Thompson av, Pittsburgh, Pa.
Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio
Flannery Bolt Co. ("Tate" Flexible & "F. B. C."), Vanadium bldg, Pittsburgh, Pa.
Flexible Bolt Co. ("Breakless" Flexible), Thompson av, Pittsburgh, Pa.
Fort Wayne Iron Steel Rolling Mills, Fort Wayne, Ind.
See adv index at end of book
Hoopes & Townsend Co. (Hollow & Solid Steel), Broad & Buttonwood, Phila, Pa.
Lanz H. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Ryerson Joseph T. & Son (Seamless Hollow), 2558 W 16th, Chicago, Ill.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1111—Bolts (Steering Knuckle)

Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Spafford Machine Screw Wks., Hartford, Conn.

1112-13— Bolts (Stove)

American Equipment Co., Norristown, Pa.
American Screw Co., 21 Stevens, Providence, R. I.
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Falls Rivet Co., Kent, O.
Fanner Mfg. Co., Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gary Screw & Bolt Co., Gary, Ind.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Kirk-Latty Mfg. Co., 1971 W. 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Londeluis C. A. & Sons Co., 847 W 63rd, Chicago, Ill.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Lock Co., Rockford, Ill.
National Screw & Tack Co., Stanton av, S. E., & C. & P. Ry, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.

Paine Company The (Jobbers), 1742 W Van Buren, Chicago, Ill.
See adv index at end of book
Reading Screw Co. (Also Nickel Plated), Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.
Western Screw Mfg. Co., 4419 W Kinzie, Chicago, Ill.

1114—Bolts (Strap, Wagon Box)

Bethlehem Steel Co., So Bethlehem, Pa.
Harvey Spring & Forging Co., Racine, Wis.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

1115— Bolts (Stud)

Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Arghis E. J. & Co., 74 Wall, New York
Bethlehem Steel Co., So Bethlehem, Pa.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Ferry Cap & Set Screw Co., 2151 Scranton rd S W, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gary Screw & Bolt Co. (Rough & Milled), Gary Ind.
Greenlie-Halliday Co., 499 Water, New York
Hartford Machine Screw Co., Hartford, Conn.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. Framingham, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1917 W. 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Wks. (Rough), ft. Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av, S. E., Cleveland, O.
New Haven Screw Co. (To Order), 191-193 Foster, New Haven, Conn.
See adv index at end of book
New England Bolt Co., Everett, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phila. Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co. (Rough & Milled), Preble av., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thomas Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Standard Turnbuckle Co., Corry, Pa.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Upson Nut Co., Cleveland, O.
Western Automatic Mach. Screw Co., Elyria, O.

1116— Bolts (Swing or Eye)

Harrison Bolt & Nut Co., Harrison, N. J.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Parker Wire Goods Co. (Wrought), Worcester, Mass.
Wickwire, Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

1117— Bolts (Tap)

Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
CLARK BROS. BOLT CO. (& Set-Screws), Milldale, Conn.
See adv index at end of book
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Greenlie, Wyatt & Co., 499 Water, New York
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W. 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Works (Forged), ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New England Bolt Co., Everett, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

1118— Bolts ("T" Head)

American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Buffalo Bolt Co., North Tonawanda, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Eagle Bolt & Forging Co. (Standard & Special, 1435 E. 45th, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Harrison Bolt & Nut Co., Harrison, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
SWEET'S STEEL CO. (also Clips), Williamsport, Pa.
See adv index at end of book

1119— Bolts (Thumb)

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, Ohio

1120— Bolts (Tire)

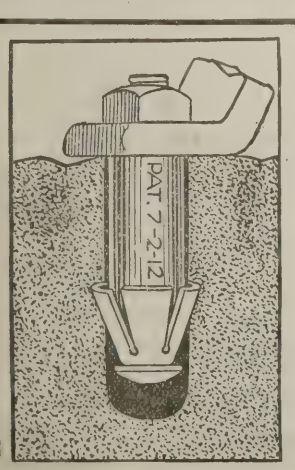
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Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Berry Bros., Columbus, O.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Falls Rivet Co., Kent, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Harrison Bolt & Nut Co., Harrison, N. J.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kirk-Latty Mfg. Co., 1971 W. 85th, Cleveland, O.
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Stanton av, S. E., & C. & P. Ry, Cleveland, O.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reading Screw Co., Norristown, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell Burdsall & Ward Bolt & Nut Co., ("Empire") Port Chester, N. Y.
Skelly Thos. P. Bolt Co., 24th & Carlton, Phila., Pa.
Upson Nut Co. (Common & "Philadelphia"), Cleveland, O.

1121—*Bolts (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1122— Bolts (Toggle)

Ankyra Mfg. Co. ("Ankyra"), 144 Berkley, Wayne Junct., Phila., Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Bonnell W. A., 192 Chambers, New York
Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis.
See adv index at end of book
Chicago Expansion Bolt Co. ("Chicago"), 324 W Washington, Chicago, Ill.
Chicago Nut Co. ("Ajax"), 617 W Jackson blvd. Chicago, Ill.
Church Isaac, East Norwalk, Conn.
Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO. ("Diamond" Iron, Steel & Brass), 89 West, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garrison Brass & Machine Wks., 107 W 13th, New York
Grabler Mfg. Co., Cleveland, O.
Harrison Bolt & Nut Co., Harrison, N. J.
National Metal Molding Co., 1110 Fulton Bldg, Pittsburgh, Pa.
PAINE COMPANY THE, 1742 W. Van Buren, Chicago, Ill.
See adv index at end of book

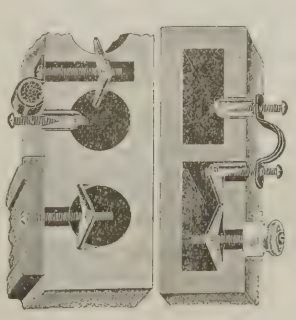


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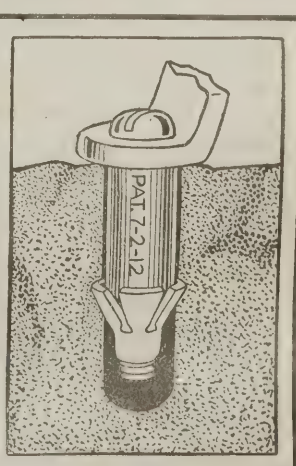
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Wrigley Thos. Co. ("Wrigley," Patented Steel), 504 Sherman, Chicago, Ill.

1123—Bolts (Toggle, Boiler Patch)

Star Expansion Bolt Co., 145 Cedar, New York *See adv index at end of book*

Steward & Romaine Mfg. Co. (For Range Boilers), 124 N 6th, Phila., Pa.

1124— Bolts (Track)

American Bolt Co., Birmingham, Ala.

American Equip. Co. (Steel), Norristown, Pa.

Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*

Arghis E. J. & Co., 74 Wall, New York

Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.

Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv index at end of book*

Bethlehem Steel Co. ("Never Turn," "Mayari"), So. Bethlehem, Pa.

Buffalo Bolt Co., North Tonawanda, N. Y.

Cambria Steel Co., Widener bldg, Phila., Pa.

Colorado Fuel & Iron Co., Denver, Colo.

Continental Bolt & Iron Works, 2225 W 43rd, Chicago, Ill.

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

FISHEL & MARKS CO., ft of Krakow av, Cleveland, O. *See adv index at end of book*

Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.

Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*

Harrison Bolt & Nut Co., Harrison, N. J.

Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

Kansas City Bolt & Nut Co. ("Harvey Grip"), Kansas City, Mo.

Kirk-Latty Mfg. Co., 1917 W 85th, Cleveland, O.

Lake Erie Bolt & Nut Co., ft E 63d, Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

LARKIN J. K. & CO., 253 Bway, New York *See adv index at end of book*

Lorain Steel Co., Johnstown, Pa.

Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.

Michigan Bolt & Nut Wks., ft. of Meldrum, Detroit, Mich.

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New Castle Steel & Iron Co., Pittsburgh, Pa.

New England Bolt Co., Everett, Mass.

Oliver Iron & Steel Co. (Threads Rolled or Cut in Oil), S 10th & Muriel, Pittsburgh, Pa.

Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.

Pottsville Bolt Co., Pottsville, Pa.

Republic Iron & Steel Co., Youngstown, O. *See Branch Offices, Alphabetical Section*

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Scranton Bolt & Nut Co., Scranton, Pa.

Steel Car Forge Co. (Rolled or Cut Thread), Frick bldg, Pittsburgh, Pa.

SWEET'S STEEL CO., Williamsport, Pa. *See adv index at end of book*

Upson Nut Co., Cleveland, O.

1124a— *Bolts (Transom)

Stanley Works, New Britain, Conn. *See adv index at end of book*

1125—*Bolts (Trolley Span, Wire Work)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1126-7— Bolts ("U")

See also Staples, Nutted

American Equipment Co., Norristown, Pa.

Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*

Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.

Galvanized Products Co., Phillipsburg, N. J.

Harrison Bolt & Nut Co., Harrison, N. J.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), New York *See adv index at end of book*

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

Ohio Nut & Bolt Co., Berea, O.

Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.

Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Standard Turnbuckle Co., Corry, Pa.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Stolz Jos. & Son, Inc., 841 E 136th, New York

Upson Nut Co., Cleveland, O.

1128— Bolts (Wall Plate)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.

Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*

Stolz Jos. & Son, Inc., 841 E 136th, New York

1129—Bolts (Water Closet Indicator)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*

Edwardsville Brass Co., Edwardsville, Ill.

Penn Hardware Co., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

1130— Bolts (Whiffletree)

Atwater Mfg. Co., Plantsville, Conn.

BOSS NUT CO., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*

Columbus Bolt Works Co., Columbus, O.

Eagle Bolt & Forging Co., 1435 E. 45th, Cleveland, O.

Harrison Bolt & Nut Co., Harrison, N. J.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

Marine Hardware-Equipment Co., South Portland, Me. *See adv index at end of book*

Moore, Franklin Co., Winsted, Conn.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Upson Nut Co., Cleveland, O.

1130a— Bolts and Nuts

Blancke A. C. & Co., 602 W Lake, Chicago, Ill.

Central Tool & Supply Co. (Wholesale), 803 W Madison, Chicago, Ill.

Lebanon Iron Co., Dept. H, Lebanon, Pa.

Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.

RYERSON JOS. T. & SON (Merchants), 910 Corn Exchange bldg, & 16th & Rockwell, Chicago, Ill.; 2218 N. 2nd, St. Louis, Mo.; 30 Church, New York; 726 Ford bldg, Detroit, Mich.

Stimpson Edwin B. Co., 852 Kent av, B'klyn, N. Y.

Trum E. J., Inc., 57 3rd, Brooklyn, N. Y.

1130b—Bolts & Screws (Special)

Bell Co., The ("S. A. E. Screws & Bolts"), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*

1131— Bone-Ash

Cooper Chas. & Co., 1944 Worth, New York

Denver Fire Clay Co., Denver, Colo.

Drakenfeld B. F. & Co. (Dealer), 50 Murray, New York

Fuller Ralph L. & Co., Inc., 81 Fulton, New York

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Heil Henry Chemical Co. (Imported), St. Louis, Mo.

United Chem. & Organic Products Co., 111 Washington, Chicago, Ill.

Wiarda Jno. C. & Co. (White), 273 Greene, Brooklyn, N. Y.

1132— Bone Black

See also Rawbone, Granulated

American Agricultural Chemical Co., 2 Rector, New York

Baker H. J. & Bro. (Discard, Dissolved, etc Dealers), 81 Fulton, New York

Baugh & Sons Co., 20 S Delaware av, Phila., Pa.

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Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

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Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Listers Agricultural Chemical Works, 2 Rector, New York

Michigan Carbon Works, 7 Formon, Detroit, Mich.

Seaver & Co., 120 Milk, Boston, Mass.

Siemon & Elting, 99 Nassau, New York

Smith J. Lee & Co., 13 Jacob, New York

Uhlich Paul & Co. (Selling Agent), 11 Cliff, New York

1133— Bone Dealers

Baker H. J. & Bro. (Rough & Ground, Imp), 81 Fulton, New York

Brand Herman, 404 E 48th, New York

Consolidated Rendering Co., 40 N Market, Boston, Mass.

Dold Jacob, Packing Co. (Steamed Bone), Buffalo, N. Y.

Hollingshurst & Co. (Importers), 66 Beaver, New York

Pittsburgh Provision & Packing Co. (Sawed, etc), Herrs Island, Pittsburgh, Pa.

Van Iderstine Co. (Steamed Ground), Long Island City, New York

White Thos. H. & Co., 11 S Gay, Baltimore, Md.

Wilson & Co., 41st & Ashland av, Chicago, Ill.

1134— Bone (Ground)

Baugh & Sons Co., 20 S Delaware av, Phila., Pa.

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1135a— Bone (Steamed)

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1135b—*Book Binding Material (Leather Type)

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Automatic File & Index Co. (Sectional), Green Bay, Wis.
Buchanan Cabinet Co. (Revolving), Buchanan, Mich.
Canton Furniture Mfg. Co. (Sectional & Revolving), Canton, O.
Central Wood Turning Co. (To Order) 610 N E Main, Minneapolis, Minn.
Conrey D. L. Furniture Co. (Combination), Shelbyville, Ind.
Co-Operative Furniture Co. (Combination), Rockford, Ill.
Dexter H. C. Chair Co. (Mission), Black River, N. Y.
Diven Mfg. Co. (Sectional), Elmira, N. Y.
Dornette J. & Bro. Co. (Sectional), 1250 Harrison av, Cincinnati, O.
Forest City Furniture Co. (Sectional), Rockford, Ill.
Globe-Wernicke Co. (Sectional), 25 Carthage av, Cincinnati, O.
Grand Rapids Bookcase & Chair Co., Hastings, Mich.
Gunn Furniture Co. (Sectional), Grand Rapids, Mich.
Hale F. E. Mfg. Co. (Sectional), Herkimer, N. Y.
Humphrey-Widman Bookcase Co. (Sectional), Kirby & 14th, Detroit, Mich.
Ideal Desk Co. (Sectional Folding), Auburn, Me.
Library Bureau (Sectional), 43 Federal, Boston, Mass.
Lundstrom C. J. Mfg. Co. (Sectional), Little Falls, N. Y.
Macey Co. (Sectional), Grand Rapids, Mich.
New Farson Mfg. Co., Chester, Pa.
Rockford Standard Furniture Co. (Combination), Rockford, Ill.
Sargent Mfg. Co. (Revolving), Muskegon, Mich.
Snead & Co. (Metallic), Jersey City, N. J.
Udell Works, Indianapolis, Ind.
Weis Mfg. Co. ("Weis" Sectional), Monroe, Mich.
Widman J. C. Bookcase Co. (Sectional), 1143 14th, Detroit, Mich.

Book Stacks (Fire-Proof)

See Library Shelving & Fittings, Metallic

1137—Books (Copying, Letter)

Bailey Mfg. Co., Berlin, Conn.
Boorum & Pease Co., 109 Leonard, New York
Bushnell Alvah Co., 925 Filbert, Phila., Pa.
Mann Wm. Co., 529 Market, Phila., Pa.
New York Blank Book Co., 316 Hudson, New York
Razall H. G. Mfg. Co., 300 7th av, Milwaukee, Wis.
Shaw J. G. (The) Blank Book Co., 72 Walker, New York
Western Tablet Co., St. Joseph, Mo.
Whittelsey F. H. Co., Windsor Locks, Conn.

1137a— Books (Coupon)

Allison Coupon Co., Indianapolis, Ind.
Rand McNally & Co. (Self-Indicating), 538 S Clark, Chicago, Ill.
Southern Coupon Co., Birmingham, Ala.
Stromberg Allen & Co., 430 S Clark, Chicago, Ill.

1138— Books (Field)

Keuffel & Esser Co., Hoboken, N. J.

1139— Books (Level)

Keuffel & Esser Co., Hoboken, N. J.

1140— *Books (Meter)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y. *See adv index at end of book*

1141— Booms (Loading)

Fairmont Mining Machy. Co., Fairmont, W. Va.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book,*

1142— Boosters (Electric)

Crocker-Wheeler Co., Ampere, N. J.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Triumph Electric Co., Oakley, Cincinnati, Ohio

1143— Boosters (Gas)

Beach-Russ Co., 50G Church, New York *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

1143a— Boosters (Vacuum)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

1144—Booths (Moving Picture Machine)

Duluth Corrugating & Roofing Co. (Fire Proof, Portable), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Johns-Manville Inc. (Asbestos wood & cloth), Madison av & 41st, New York
Louisiana Metal Cabinet Wks., New Orleans, La.
Sharlow Bros. Co., 442 W. 42nd, New York

Booths (Telephone)

See Telephone Cabinet Work

1145— Bootjacks

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Nicol & Co. ("Bull Dog"), 218 N Jefferson, Chicago, Ill.

1146— Boots (Elevator)

Barnard & Leas Mfg. Co. ("Perfection," etc. Iron or Wood), Moline, Ill.
BARTLETT C. O. & SNOW CO., French Cleveland, O. *See adv index at end of book*
Batavia Engineering Works, Batavia, Ill.
Caldwell H. W. & Son Co. ("Caldwell" Self-Oiling, etc), 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., Brook, Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Graver Wm. Tank Works, East Chicago, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
Gump B. F. Co., 431 S. Clinton, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
Marseilles Works of Deere & Co., East Moline, Ill.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
United Iron Works Co., Inc., Kansas City, Mo.
Walker & Elliott ("Wood & Iron"), Wilmington, Del.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

1147—Boots (Horse Lawn, Etc.)

Curtis Dexter Co., Madison, Wis.
Fennell John J. & Sons, Cynthiana, Ky.
Langstroth T. W., 77 Warren, New York
Zink Collar Pad Co., Buchanan, Mich.

1148— Boots (Hunting)

Arrah-Wanna Moccasin Co., Brockton, Mass.
Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

1149—Boots (Leather, Wooden Sole)

Riemer Albert H. Shoe Co., 431 29th, Milwaukee, Wis.

1150—Boots (Sewer Connection)

Canton Foundry & Machine Co., Canton, O.

1151—Boots (Steering Knuckle)

Allen Auto Specialty Co., 16 W 61st, New York
Gilbert Mfg. Co., New Haven, Conn.

1152—Boots & Shoes (Felt)

American Felt Co., 100 Summer, Boston, Mass.
Beatty Felting Co. (Shoes & Slippers), Mishawaka, Ind.
Blum Shoe Mfg. Co. (Also Wool Lined), Dansville, N. Y.
Dolgeville Felt Shoe Co., Dolgeville, N.Y.
Draper Bros. Co., Canton, Mass.
Green Daniel Felt Shoe Co., Boston, Mass.
Hastings Wool Boot Co., Hastings, Mich.
Little Falls Felt Shoe Co., Little Falls, N. Y.
Medford Woolen Mfg. Co., Medford, Mass.
Standard Felt Co., Alhambra, Cal.

1153—Boots & Shoes (Rubber)

ALTON INTERNATIONAL INDUSTRIES (Shoes), 118 William, New York
American Rubber Co., 130 Essex, Boston, Mass.
Apsley Rubber Co., Hudson, Mass.
Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
Bates J. E. & Co. ("Ironwear" Leather Sole), 202 Church, New York
Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Converse Rubber Shoe Co., Malden, Mass.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn.
Goodyear Rubber Co., 539 Mission, San Francisco, Cal. *See adv index at end of book*
Hood Rubber Co., Watertown, Mass.
La Crosse Rubber Mills Co., La Crosse, Wis.
Lambertville Rubber Co., Lambertville, N. J.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.
Mulconroy Co. ("7 League," Leather Soled with Iron Heels), 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
Pioneer Shoe & Rubber Co., 27 No 3d, Minneapolis, Minn.
Rubberhide Co. ("Rubberhide" Leather Sole), 212 Essex, Boston, Mass.
U. S. Rubber Co., 1790 B'way, New York
Woonsocket Rubber Co., Woonsocket, R. I.

1154—Boots & Shoes (Wool)

Hastings Wool Boot Co., Hastings, Mich.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.

1155— Borax

Croton Chemical Co. (Refined), 14 Cedar, New York
Denver Fire Clay Co. (Glass), Denver, Colo.
Fergusson, Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heil Henry Chemical Co. (Borax Glass), St. Louis, Mo.
McIlvain Bros. (Powder), 1500 Hamilton, Phila., Pa.
Pacific Coast Borax Co. (Refined), Oakland, Cal., & Bayonne, N. J.
Pfizer Chas. & Co. (Crystals, Powdered & Granular), 81 Maiden la, New York
Rhodes Salt & Borax Co., San Francisco, Cal.
Thorkildsen-Mather Co. ("Sterling"), 111 W Monroe, Chicago, Ill.

BORAX—continued
Vitro Manfg. Co. (Refined Granulated), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

1155a— Bordeaux
Fergusson, Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Leggett & Bro. (Mixture), 301 Pearl, New York
National Gum & Mica Co., 59th & 11th av, New York

1156— Borers (Bung Hole)
Buecker Henry F., Newport, Ky.
Enterprise Mfg. Co. (of Pa.), 3d & Dauphin, Phila., Pa.
Hynson Tool & Supply Co. ("Hynson" Borer & Reamer), 4758 Easton av, St. Louis, Mo.
Oram John S Co. ("Oram's" Hand), 1316 E. 53rd, Cleveland, O.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill. *See adv index at end of book*
Swan Jas. Co. (Graduated & Ring), Seymour, Conn.
United States Bung Mfg. Co. ("Kirby"), 48 S 2d, Brooklyn, N. Y.

1156a— Borers (Cork)
Central Scientific Co., 460 E. Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York
Scientific Utilities Co., Inc., 18 E 16th, New York

Borers (Ratchet Corner)
See Bit Braces

1157— Borers (Tap)
Buffum Tool Co. ("Swastika" Plumbers'), South Side, Louisiana, Mo.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Ives W. A. Mfg. Co. ("Mephisto," "Ives," "Enterprise Pattern"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Lowentraut P. Mfg. Co. ("W-S"), 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Box 183 Newark, N. J. *See adv index at end of book*
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

1157a—Borings (Test, Core, Wash & Foundation)
Healey P. J. (For Foundations), 39 Cortlandt. New York
Sweeney & Gray, 83-85 6th, Long Island City

1157b—Boro-Phosphate Crystal
Kalbfleisch Corp. (C. A. Solvent for Casein), 31 Union sq, New York

1158— Boron Carbide
Am. Boron Products Co., 686 Court, Reading, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Bortz
See Carbons, Black Diamonds & Bortz

1159-60—Boshes (Mechanical)
Columbiana Boiler Co., Columbiana, O.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Meehan Boiler & Const. Co., Lowellville, Ohio

1161—Bottle Fillers (Milk, Etc.)
Champion Milk Cooler Co., Cortland, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Davis-Watkins Dairymen's Mfg. Co., Dept. H, North Chicago, Ill.
Wright R. G. & Co., Buffalo, N. Y.

1162— Bottle Racks (Milk)
Andrews Wire & Iron Works, Rockford, Ill.
Atlas Mfg. Co., New Haven, Conn.
Smith Jno. P. & Co., New Haven, Conn.
Wickwire, Spencer Steel Corp, Worcester, Mass. *See adv index at end of book*

1163—Bottle Wrappers (Corrugated)
Gair Robt. Co., 50 Washington, Brooklyn, N. Y.
Hinde & Dauch Paper Co. ("Climax"), Sandusky, O.
Illinois Glass Co., Alton, Ill.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Nivision-Weiskopf Co., 318 Elm, Cincinnati, O.
Nixon & Costello Co., Dayton, O.
Oshkosh Bottle Wrapper Co., Oshkosh, Wis.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co. The, 212 Concord, Brooklyn, N. Y.
Warner & Childs Co., Medford, Mass.

1163a—*Bottle Wrappers (Excelsior)
BOSTON EXCELSIOR CO., 562 W. 29th, New York
EXCELSIOR WRAPPER CO., Sheboygan, Wis.
EXCELSIOR WRAPPER CO., 224 W Kinzie, Chicago, Ill.
EXCELSIOR WRAPPER CO., Grand Rapids, Mich.

1164— Bottles (Aluminum)
Amalgamated Metals Selling Co. Ltd., 42 Bway, New York
Buckeye Aluminum Co. ("Real Solid," Seamless), Wooster, O.

1165-6— Bottles (Cubic Foot)
American Meter Co., 3112 N 17th, Phila., Pa.
Braun-Knecht-Heiman Co., 576-584 Mission, San Francisco, Cal.

Bottles (Fibre)
See Cans, Fibre

1167— Bottles (Glass)

CALIFORNIA.
SAN FRANCISCO—Braun-Knecht-Heiman Co., 576-584 Mission.
Illinois-Pacific Glass Co. (Amber, Green & Flint, of all Descriptions), 15th & Folsom
Pacific Coast Glass Wks, 7th & Irwin

ILLINOIS.
ALTON—Illinois Glass Co.
BELLEVILLE—American Bottle Co. (See Chicago, Ill.)
CHICAGO—American Bottle Co., 38 S Dearborn. Works: Newark, O., & Streator, Ill.
Foster A. M. & Co., 6 E. Lake
Illinois Glass Co., 402 W Randolph (See Alton, Ill.)
Western Bottle Mfg. Co., 402 W Randolph
EAST ST. LOUIS—Obear-Nester Glass Co. (See St. Louis, Mo.)
HILLSBORO—Schram Glass Mfg. Co. (See St. Louis, Mo.)
STREATOR—American Bottle Co. (See Chicago, Ill.)
Thatcher Mfg. Co. (Milk)

INDIANA.
ANDERSON — Pennsylvania Glass Co. (Flint)
DALEVILLE—Daleville Glass Co. (Prescription, Druggists', Preservers', Packers')
DUNKIRK—Hart Glass Mfg. Co. (Vinegar, Catsup, Grape Juice, Packers & Preservers)
FAIRMOUNT—Bell Mfg. Co.
GAS CITY—Thompson Bottle Co. (Prescription, Beer, Wine, Soda, Brandy, Proprietary Medicine, Packers' & Preservers') (See Illinois Glass Co., Alton, Ill.)
U. S. Glass Co. (See Pittsburgh, Pa.)
GREENFIELD—Ball Bros. Glass Mfg. Co. (See Muncie, Ind.)
INDIANAPOLIS—Fairmount Glass Works (Flint, Amber, Green & Blue), Keystone & Belt
KOKOMO—Jenkins D. C. Glass Co. (Milk, Cherry & Olive)
LAPEL—Lapel Bottle Co.
MARION—Marion Flint Glass Co. (Prescription, Wine, Beer, Soda, Packers', Preservers')
Standard Glass Co.
MUNCIE—Ball Brothers Glass Mfg. Company (Packers & Preservers), Works, Muncie, Ind., & Wichita Falls, Texas
SUMMITVILLE — Model Glass Works (Prescription & Druggists')
TERRE HAUTE—North Baltimore Bottle Glass Co. (Beer, Soda, Wine, Brandy, etc)
Root Glass Co. (Beer, Soda, Liquor)
Turner Bros. Co. (Flint & Amber)
WINCHESTER — Woodbury Glass Co. (Flint, Brandy, Machine, Machine Oil, Manganese, Blueing, Screw Cap, etc, also Flasks)
YORKTOWN—Skillen-Goodin Glass Co. (Catsup, Condiment, Prescription, Extract, Pickle)

MARYLAND.
BALTIMORE—Buck Glass Co. (All Kinds of Hand & Machine Blown Flint Glass Bottles), Fort av & Lawrence
Carr-Lowrey Glass Co. (Druggists', Chemists' & Perfumers' Glassware), Westport
Swindell Bros. (Druggists', Chemists', Perfumery Green Amber), Bayard & Russell
MOUNT WINANS—Maryland Glass Corporation

MICHIGAN.
SAGINAW—Northwestern Glass Co. (Catsup, Prescription, etc.)

MISSOURI.
ST. LOUIS—Busch Adolphus Glass Mfg. Co. (Beer), Main & Dorcas
Obear-Nester Glass Co., 2d & Chestnut; Works: East St. Louis, Ill.
Schram Glass Mfg. Co., Fred Reserve Bk. bldg. Works: Hillsboro, Ill.

NEW JERSEY.
BRIDGETON—Cumberland Glass Mfg. Co. (Prescription, Beer, Wine, Brandy, Soda, Packers)
More Jonas Glass Co. (Prescription, Packers', Preservers')
Parker Bros. Glass Mfg. Co. (Green Prescription, Beer, Soda, Wine, Brandy, Packers', Preservers')
CAPE MAY COURT HOUSE—Cape May Glass Co.
CLAYTON—Pierce F. M. & Co. (Prescription, Proprietary Medicine)
GLASSBORO — Whitney Glass Works (Green, Flint, Prescription, Packers', Preservers')
MEDFORD—Star Glass Co. Ltd. (Prescription, Beer, Wine, Soda, Brandy)
MILLVILLE — Millville Bottle Works (Prescription, Proprietary Medicine)
Wheaton T. C. Co.
Whitall Tatum Co. (See Phila., Pa.)
MINOTOLA—Minotola Glass Co.
OLD BRIDGE—Brookfield Glass Co. (See New York City)
SALEM—Gayner Glass Works (Large Ware)
Salem Glass Works (All Kinds)

NEW YORK.
BINGHAMTON — Binghamton Glass Co. (Prescription, Beer, Soda, Wine, Brandy, Packers', Preservers')
CLYDE—Clyde Glass Works
CORNING—Corning Glass Works
ELMIRA—Thatcher Mfg. Co. (Milk, Flint, Glass)
LANCASTER—Industrial Glass Co.
LOCKPORT—Lockport Glass Co. (Milk Bottles Only)

NEW YORK CITY.
Borough of Brooklyn.
BROOKLYN — Demuth Glass Mfg. Co., Gardner av
Gleason-Tiebout Glass Co., 93 Commercial
Williamsburg Flint Glass Co., 260 Boerum

Boroughs of Manhattan and Bronx.
NEW YORK—Boley B., 157 10th av
Boley B., 157 10th av
Bottlers' & Mfrs.' Supply Co., 218 E 37th. Works: Brooklyn, N. Y.
Lenz Apparatus Co., 9 E 16th
Wagner Glass Works (Acid & Skim Milk Test), 697 E 132d
Wildman-Treherne (Druggists), 85 Franklin
Whitall Tatum Co. (Prescription, Ink, Mucilage, Sauce, Catsup, Mustard, Wine, Water, Perfumes, Vials, etc.), 48 Barclay

Borough of Queens.
LONG ISLAND CITY—Bottlers' & Mfrs.' Supply Co. (See New York)

End of New York City

OLEAN—Acme Glass Co.
ROCHESTER—Reed F. E. Glass Co.

OHIO.
BELLAIRE—Bellaire Bottle Co. (Flint, Prescription & Druggists')
BUTLER—Butler Bottle Co. (Milk Bottles Only)
CAMBRIDGE—Cambridge Glass Co. (Balsam)
CINCINNATI—Boldt Chas. Co., Davis Ln. & Penn. Ry. Works: Muncie, Ind.
Nivison-Weiskopf Co., 318 Elm. Works: Reading, O.
COLUMBUS—Federal Glass Co.
Winslow Glass Co. (Prescription, Beer, Wine, Soda, Brandy, Packers' & Preservers')
COSHOCTON—Coshocton Glass Co. (Beer, Wine, Soda, Brandy)
MASSILLON—Rhodes Glass & Bottle Co.
MOUNT VERNON—Essex Glass Co. (Milk Bottles Only)
NEWARK—American Bottle Co. (See Chicago, Ill.)
Heisey A. H. & Co. (Prescription, Druggists')
READING—Nivison-Weiskopf Co. Office: Cincinnati, O.
TOLEDO—Owens Bottle Co.
ZANESVILLE—Kearns-Gorsuch Bottle Co. (Mineral Water, Extract, Flint, Liquor, Prescription, Green, Beer, Pickle, etc)

OREGON.

PORTLAND—Kerr A. H. & Co. (Milk, etc)

PENNSYLVANIA.

BEAVER FALLS — Co-Operative Flint Glass Co. (Bar)
BRADFORD—Berney-Bond Glass Co.
BROCKWAYVILLE — Brockway Machine Bottle Co. (Machine Made Ink, Mucilage, Vaseline, etc)
CHARLEROI—Imperial Glass Co. (Prescription, Beer, Soda, Wine, Packers', etc)
EAST STROUDSBURG—East Stroudsburg Glass Co. (Beer, Soda, Wine, Brandy)
Scott-Warman Glass Co.
GLASSPORT—U. S. Glass Co. (See Pittsburgh, Pa.)
GLENSHAW—Glenshaw Glass Co.
HAWLEY—Hawley Glass Co. (Beer, Soda, Wine, Packers', Preservers')
JEANETTE—Jeanette Glass Co. (Prescriptions, Beer, Soda, Wine, Packers', Tinctures, etc)
McKee Glass Co. (Druggists')
KANE—Thatcher Mfg. Co. (See Elmira, N. Y.
McDONALD—Crescent Bottle Co.
PHILADELPHIA—Star Glass Co., 226 N. 4th (See Glassboro, N. J.)
Whitall Tatum Co. (Prescription, Ink, Mucilage, Sauce, Catsup, Mustard, Wine, Water, Perfumes, Vials, etc), 410 Race
Whitney Glass Works, Bullitt bldg. (See Glassboro, N. J.)
PITTSBURGH—Cunningham D. O. Glass Co. (Beer, Soda Water), Jane & 22d
Flaccus C. L. Glass Co., Empire bldg
Hamilton J. T. & A., 26th & A V R R
U. S. Glass Co. (Prescription, Druggists'), S 9th & Bingham. Works: Pittsburgh & Glassboro, Pa., & Gas City, Ind.
READING—Reading Glass Works
RIDGEWAY—Standard Silicon Co., Dept. H
ROCHESTER — Rochester Tumbler Co (Water, Bitter, Beer)
ROYERSFORD—Diamond Glass Co. (Soda, Wine, Bitters, Druggists', Beer)
Newborn W. H. & Co. (Prescription, Beer, Soda, Wine, Packers')
SHEFFIELD—Sheffield Glass Bottle Co. (Prescription, Wine, Beer, Soda, Brandy, Packers' & Preservers')
TARENTUM—Fidelity Glass Co. (Prescription, Druggists', Preservers')
Flaccus C. L. Glass Co. (Flint, Prescription & Druggists')
UNIONTOWN—Keystone Bottle Mfg. Co.
WASHINGTON — Hazel-Atlas Glass Co. (See Wheeling, W. Va.)

TENNESSEE.

CHATTANOOGA—Chattanooga Bottle & Glass Mfg. Co.

VIRGINIA.

ALEXANDRIA—Old Dominion Glass Corp (Prescription, Beer, Proprietary Medicines, Wine, Soda, Brandy Packers)
NORFOLK—Norfolk Glass Mfg. Corp. ("Anchor")
RICHMOND—American Glass Works

WEST VIRGINIA.

CLARKSBURG — Hazel-Atlas Glass Co. (See Wheeling, W. Va.)
Travis Glass Co. ("Travis" Milk, etc)
PADEN CITY—Duquesne Glass Co. (Beer, Soda, Wine, Brandy)
WHEELING—Central Glass Works (Prescription, Druggists')
Hazel Atlas Glass Co. (Snuff, Ink, Jam, Oil, Olive & Vaseline). Works: Washington, Pa., & Clarksburg, W. Va.
North Wheeling Glass Bottle Co.

WISCONSIN.

MILWAUKEE — Franzen Wm. & Son, Chase & George

1168—Bottles (Hot Water, Metal)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Campbell A. S. Co. ("Cello"), 274 Commercial, Boston, Mass.
Landers, Frary & Clark ("Universal," Aluminum), New Britain, Conn.
Metal Specialties Co. ("New Era"), Attleboro, Mass.
Pressed Aluminum Co., 3 Cypress, Worcester, Mass.

1169— Bottles (Mariotte)

General Ceramics Co., 50 Church, New York
Knight Maurice A., E. Akron, O.

1169a— Bottles (Milk)

Atlantic Bottle Co., 90 W. B'way, New York
Binghamton Glass Co., Binghamton, N. Y.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Butler Bottle Co., Butler, O.
Chicago Heights Bottle Co., Chicago Heights, Ill.
Cumberland Glass Mfg. Co., Bridgeton, N.J.
Essex Glass Co., Mt. Vernon, O.
Flaccus C. L. Glass Co., Tarentum, Pa.
Greensburg Glass Co., Greensburg, Pa.
Hamilton J. T. & A., 26th & A V R R, Pittsburgh, Pa.
Hart Glass Mfg. Co., Dunkirk, Ind.
Illinois Glass Co., Alton, Ill.
Illinois-Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jeannette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lockport Glass Co., Lockport, N. Y.
Marion Flint Glass Co., Marion, Ind.
Northwestern Glass Co., Saginaw, Mich.
Obear-Nester Glass Co., East St. Louis, Ill.
Thatcher Mfg. Co., Elmira, N. Y.
Travis Glass Co., Clarksburg, W. Va.
Whitney Glass Works, Glassboro, N. J.
Winslow Glass Co., Columbus, O.

1170— Bottles (Paper)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Cal. Purity Paper Bottle Co., Sacramento, Cal.
New England Purity Paper Bottle Co., Northampton, Mass.
Sanitary Paper Products Co., 400 Chestnut, Phila., Pa.

1170-a1—Bottles (Perfume)

Du Pont E. I. de Nemours & Co Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1170a— Bottles (Platinum)

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co., Platinum Wks., Malvern, Pa.
Scientific Utilities Co., Inc., 18 E 16th New York

1170b— Bottles (Reagent)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Central Scientific Co., 460 E. Ohio, Chicago, Ill.
Daigger, A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York
Scientific Utilities Co., Inc., 18 E 16th New York

1171— Bottles (Rubber)

American Hard Rubber Co. (Hard Rubber for Chemical Plants, etc), 9 Mercer, New York
Bishop Gutta-Percha Co. (Gutta-Percha), 420 E 25th, New York
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Parker-Stearns & Co. ("Alpha," "Omega," Water, Nursing, etc), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co. (Water), Barberton, Ohio
Tyer Rubber Co. ("Ajax," "Higrade," "Criterion," "La Grange," "Champion," "Lion," "L. E. Gant," "Tyrian," Water, Nursing, etc), Andover, Mass.

1172— Bottles (Steel)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buhrke H. H. Co. (Pocket Pliers), 1250H Fullerton av, Chicago, Ill.
Federal Pressed Steel Co. (Cold Drawn), Keefe & North Pierce, Milwaukee, Wis.
Pressed Steel Tank Co. (Seamless Drawn), 58th & Greenfield av, Milwaukee, Wis.

Bottles (Stoneware)

See Bottles, Mariotte

1173— Bottles (Vacuum)

Aladdin Industries Inc ("Aladdin"), 348H Ashland, Chicago, Ill.
American Thermos Bottle Co., Norwich, Conn.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Icy Hot Bottle Co., 122 W 2nd, Cincinnati, Ohio
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Simplex Vacuum Mfg. Co., 1729 Philip, Phila., Pa.
Stanley Insulating Co. ("Ferrostat"), Great Barrington, Mass.
Vacuum Specialty Co. ("Hotakold"), 200 5th av, New York

1174— Bottles (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1174a— Bottles (Woulff)

Central Scientific Co., 460 E. Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
General Ceramics Co., 50 Church, New York
Knight Maurice, Akron, O.
Scientific Utilities Co., Inc., 18 E 16th New York

1174b— *Bottoms (Basket)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1174c— *Bottoms (Feed Bag)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1175— Bottoms (Kettle)

Hamblin & Russell Mfg. Co. ("Gem" Wire), Worcester, Mass.

1176—Bower Barffed Work

Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Sager Lock Co., No. Chicago, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

1177—Bowling Alley Builders

American Box Ball Co. (Box Ball), 1545 Vanburen, Indianapolis, Ind.
Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohler & Hinricks, St. Paul, Minn.
Rose H., 145 Hamilton av, Brooklyn, N. Y.
Stillwater Mfg. Co., Stillwater, Minn.
Zeliff J. E., Kearny, N. J.

1177a— *Bowling Alley Supplies

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Ohio Wood Turning Co., Cleveland, O.

1178—Bowls (Cow Watering)

Cheney S. & Son, Manlius, N. Y.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Harris Mfg. Co., Salem, Ohio
Heller-Aller Co., Napoleon, Ohio
Hunt, Helm, Ferris & Co., Harvard, Ill.
Industrial Foundry Co., St. Johns, Mich.
Libby C. A. Co., Oshkosh, Wis.
Noll Bros., Bausman, Pa.
Novelty Iron Works, Sterling, Ill.
Sanitary Co., Dept. H, Linfield, Pa.
Strickler Hay Tool Co., Janesville, Wis.
West Bend Barn Equipment Co., West Bend, Wis.

1178b—Bowls (Sanitary Sugar)

Arwe Carl H. Mfg. Co., 1348-52 De Kalb av, Brooklyn, N. Y.

1179—Bowls (Wood Chopping)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Chapman-Sargent Co., Piqua, O.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Getz M. & Co., 162 First, San Francisco, Cal.
Northern Woodenware Co., Island Falls, Me.
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1180—Bows (Automobile Top)

Brown S. N. & Co. (Wood), Dayton, O.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Dann Bros. & Co., New Haven, Conn.
Delphos Bending Co. (Truck & Closed Body), Delphos, O.
Detroit Wood Pulley Co., 1331 Bellevue av, Detroit, Mich.
Empire Bending Works, Lancaster, Pa.
Eureka Bending & Wheel Wks, York, Pa.
Lebzetter P. & Son Co., Lancaster, Pa.
Mossman, Yarnelle & Co., Fort Wayne, Ind.
Rastetter Louis & Sons, Ft. Wayne, Ind.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Wheel & Wood Bending Co., Bridgeport, Conn.

1181—Bows (Carriage & Wagon)

Ames Bending Co., Celina, O.
Brown S. N. & Co., Dayton, O.
Buckley J. Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Coopersburg Bending Works, Coppersburg, Pa.
Crane & MacMahon ("Star," White Ash), 10 Bridge, New York
Delphos Bending Co., Delphos, O.
Donges John & Co., Hamilton, O.
Empire Bending Wks, Lancaster, Pa.

BOWS (CARRIAGE & WAGONS)—cont'd
Eureka Bending & Wheel Works ("Wheeler & Wilson," "McCaull"), York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hanover Bending & Mfg. Co., Hanover, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter P. & Son Co., Lancaster, Pa.
Medina Bending Works ("McCaull"), Medina, O.
Metropolis Bending Co. ("Wheeler & Wilson"), Metropolis, Ill.
Rasteter Louis & Sons, Fort Wayne, Ind.
Sargent L. W., Newburyport, Mass.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Union Bow Co. (Automobile), Cleveland, O.
Von Behren Mfg. Co., Evansville, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.

1182-3— Bows (Ox)

Torrey Bros. Co., Central Village, Conn.

1184—Box Anchor & Timber Caps

See also Hangers, Joist

Goetz Box Anchor Co., New Albany, Ind.

1185— Box Board Mfrs.

See also Boards, Binder

Albey Bros., 149 Meeker av, Newark, N. J.
Albia Box & Paper Co. (Plain & Combination, Mill & Sheet Lined), Troy, N. Y.
Alton Box Board & Paper Co., Alton, Ill.
American Box Board Co., Grand Rapids, Mich.
Am. Coating Mills, Elkhart, Ind.
American Straw Board Co., Akron, O.
Auglaize Box Board Co., St. Marys, O.
Beloit Box Board Co., Beloit, Wis.
Bicking S, Austin Paper Mfg. Co. (& Indented Paper), E Downington, Pa.
Boehme & Rauch Co. (Patent Coated & Combination), Monroe, Mich.
Capac Paper Co., Capac, Mich.
Case & Marshall, Hartford, Conn.
Central Box Board Co., 43rd & Racine av, Chicago, Ill.
Chatfield Paper Co., New Haven, Conn.
Cherry River Paper Co., Scranton, Pa.
Chesapeake Paperboard Co. (Plain Schip, Mill-Line-Schip, News Vat Line Schip, News-board), Woodall & Claggett, Baltimore, Md.
Childsdale Paper Co., Childsdale, Mich.
Clifton Paper Mills, Clifton, N. J.
Constantine Board & Paper Co., Constantine, Mich.
Crescent Paper Co., Marseilles, Ill.
Diamond Match Co. (White Coated, Colored & Manila Lined), 111 B'way, New York
Eddy Paper Co., Three Rivers, Mich.
Ft. Orange Paper Co., Castleton-on-Hudson, N. Y.
Ft. Wayne Corrugated Paper Co. (Combination), Hartford, Ind.
Foster Box Board Co., Utica, N. Y.
Franklin Board & Paper Co. (Pulp & Combination of all kinds), Franklin, Ohio
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
Gardner-Harvey Paper Co. (Colored Suit & Combination Boards), Middletown, Ohio
Halltown Paper Board Co., Halltown, W. Va.
Haverhill Box Board Co., Haverhill, Mass.
HEWITT C. B. & BROS., 20 Ferry, New York *See adv index at end of book*
International Paper Co., 30H Broad, New York
Kerr Paper Mill Co., East Downington, Pa.
La Borteaux C. L. Co., 1st Natl. Bk. Bldg, Cincinnati, O.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Lewis, Slocum & Le Fevre Co. (Wood Pulp & Sulphite Boards in Natural Colors & Tints), Beaver Falls, N. Y.
Lindale Mills, North Adams, Mass.
Little River Lumber Co., Star, N. C.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
McEwan Bros. (Folding), Whippany, N. J.
Mac-Sim-Bar Paper Co. (Clothing, Jute Board, etc.), Otsego, Mich.
Manchester Board & Paper Co. (Folding), Richmond, Va.
Marion Paper Co. (Folding), Marion, Ind.
Michigan Carton Co. (Combination & Patent Coated), Battle Creek, Mich.
Miller Frank P. Paper Co. (Patent Coated & Folding Box), East Downington, Pa.
Monroe Binder Board Co., Monroe, Mich.
Mutual Box Board Co., Utica, N. Y.
National Metal Edge Box Co. (Jute Folding), 1217 Callowhill, Phila., Pa.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Naubuc Paper Co., Glastonbury, Conn.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
Newark Box Board Co., Blanchard, Newark, N. J.
New Haven Pulp & Board Co., New Haven, Conn.
Norton C. H., North Westchester, Conn.
Ohio Box Board Co. (Of all Grades, also Patent Coated), 1390 E 30th, Cleveland, O.
Perkiomen Paper Co., Pennsburg, Pa.
Philadelphia Paper Mfg. Co., River Road, Phila., Pa.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
River Raisin Paper Co., Monroe, Mich.
Robertson C. M. Co. (Folding), Montville, Conn.
Rockford Paper Box Board Co., Rockford, Ill.
Shryock J. K., 301H N 2nd, Phila., Pa.
Skaneateles Paper Co., Skaneateles, N. Y.
South Coventry Paper Co., South Coventry, Conn.
Standard Paper Co., Kalamazoo, Mich.
Tait & Sons Paper Co., Bridgeport, Conn.
Talbot Bros. & Horton Co., Grosvenor bldg, Providence, R. I.
Thames River Specialties Co. (Folding, etc), Montville, Conn.
United Paperboard Co., 171 Madison av, New York
Waldorf Paper Products Co. (Patent Coated, Manila Chip, Cracker Shell, Colored Suit & Combination Boards), St. Paul, Minn.
Waverly Paper Box Board Co., Weston av, Newark, N. J.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Westport Paper Co., Westport, Conn.

1185a— *Box Shooks

See also Shooks, Box.

BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Crosman G. A. & Sons Co., Portland, Me.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1185b—*Box Strapping (Steel)

WIRE & STEEL PRODUCTS CO., INC., 421 E 22nd, New York *See adv index at end of book*

1186— Box Straps

See also Bands, Shingle, Box & Shook

Acme Steel Goods Co. ("Acme") Embossed, Flat, Barbed & Twisted Wire), 2834 Archer av, Chicago, Ill.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Steel), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
CARY MFG. CO. ("Cary's" Universal & Wire Box Strapping Box Corner Fasteners & Clutch Nails), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Chicago Steel & Wire Co. (Wire), 10257 Torrence av, Chicago, Ill.
De Haven Mfg. Co. ("Simplex" & "Trojan" Steel & Iron), 50 Columbia Heights, Bklyn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harvey Spring & Forging Co., Racine, Wis.
Hollow Cable Mfg. Co., Dept. H, Hornell, N. Y.
Independent Metal Strap Co., 56 Prince, New York
Robertson W. F. Steel & Iron Co. "Sampson" & "Cincinnati"), Elm & Commerce, Cincinnati, O.
ROEBLING'S, JNO. A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J. *See adv index at end of book*
Signode System, Inc., Nailless, 108 W Lake, Chicago, Ill., & 33 Union Sq. W, New York
SMITH & McCRORKEN INC., 65 Engert, Brooklyn, N. Y.
STANLEY WORKS ("Twinrold" Self-Tightening, "Spreadtite," "Double Edge," "Stanley's" Corrugated ("Security" & Twisted Wire Box Strapping), New Britain, Conn. *See adv index at end of book*
Twisted Wire & Steel Co. (Flat & Round), 437 11th av, New York
Wallace Wm. & Sons, 513 Wells, Chicago, Ill.
Wire & Steel Products Co. Inc., 421 E 22nd, New York *See adv index at end of book*

1187— Boxes (Aluminum)

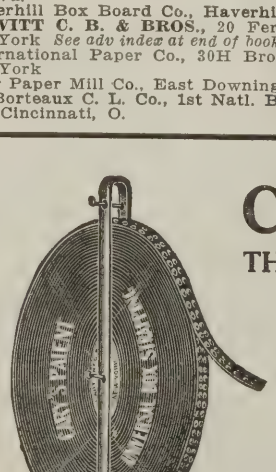
Aluminum Container Corp., Fulton, N. Y.
Aluminum Goods Mfg. Co. (also Caps & Tubes), Manitowoc, Wis.
Wagner Mfg. Co. (Cast Aluminum Chests), Dept. H, Sidney, O.

1187a— *Boxes (Ammunition)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Slauf Mfg. Co., 703 S Clinton, Chicago, Ill.

1188— Boxes (Annealing)

American Welding Co., Carbondale, Pa.
Blaw-Knox Co., Farmers Bank Bldg, Pittsburg, Pa.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Duke Steel Co. Inc., 191 Pearl, New York *See adv index at end of book*
Driver-Harris Co. ("Nichrome"), Harrison, N. J. *See adv index at end of book*
Garwood Bronze & Iron Works, Garwood, N. J.
Hardite Metals, Inc., 3 Park Row, New York
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Ludlum Steel Co., Watervliet, N. Y.
McAleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Meehan Boiler & Constr. Co., Lowellville, Ohio
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Mullins Body Corp., Dept. H, Salem, Ohio
National Boiler & Sheet Iron Works, Indianapolis, Ind.



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THE STRAP WITH THE "NAME"—THE KIND IT PAYS TO USE

This Strap is made of extra soft annealed steel of great tensile strength through which nails can be driven without first punching holes. The bosses stiffen the edge of the Strap and protect the nail heads when case is moved along the floor.

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CARY MFG. CO. NASSAU and JAY STREETS BROOKLYN NEW YORK

National Wrought Iron Annealing Box Co., Washington, Pa.
Petroleum Iron Works Co. ("Seigh"), Sharon, Pa.
Pioneer Alloy Products Co., 16601 Euclid av, Cleveland, O.
Pittsburgh Annealing Box Co. (Welded or Riveted), May bldg, Pittsburgh, Pa.
Reeves Bros., Co., The, Alliance, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Boiler & Plate Iron Co., Niles, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Strong, Carlisle & Hammond Co. (Also Case-Hardening), 336 Frankfort av, N W, Cleveland, O.
Union Iron Works, Hoboken, N. J.
Union Steel Casting Co. ("Union" Truss Supported Roof One-Piece Cast Steel), Pittsburgh, Pa.
Warren City Tank & Boiler Co., Warren, Ohio
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Wilfong Millard F., Iron Works Co., 52nd & Grays av, Phila., Pa.

1189— Boxes (Auger Bit)

Bennett Mfg. Co. (Bartlett"), Portland, Me.
Iroquois Foundries, Inc. (Hub Caps, 474 Genesee, Utica, N. Y.
New England Box Co., Greenfield, Mass.

1190—Boxes (Automobile Tool)

Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Corcoran-Victor Co., Cincinnati, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Standard Steel Box Co. ("Standard" Steel), Bridgeville, Pa.

1191— Boxes (Axle)

Concord Axle Co., Penacook, N. H.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1192— Boxes (Axle Grease)

Bogert & Hopper, Inc. (Wood), 57 Barclay New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1193— Boxes (Ballot)

Art Metal Construction Co., Jamestown, N. Y.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Pa. Construction Co. (Wood & Metal), Marietta, Pa.

1194— *Boxes (Basswood)

BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1195—Boxes (Battery, Automobile)

BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Churchill Cabinet Co. (Wood), 2119 Churchill, Chicago, Ill.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Corcoran-Victor Co., Cincinnati, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Paragon Elec. Co. ("Paragon"), 37 W Van Buren, Chicago, Ill.
Standard Steel Box Co. ("Standard" Steel Black Enameled), Bridgeville, Pa.

1196—Boxes (Beer, Soda Water & Milk)

Atwood & McManus Box Co., Chelsea, Mass.
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Cleveland Wire Spring Co. (Steel, 1281 E. 38th, Cleveland, O.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Defiance Pressed Steel Co. (Steel), Defiance, O.
Dexter Metal Mfg. Co. (Beer, Steel), 93 Arch, Camden, N. J.
Dodge & Bliss Co., W End, Jersey City, N. J.
Fidelity Can Co., 600-610 S Caroline, Baltimore, Md.
Goodwillie D. M. Co. (also Mineral Water), 22nd & Racine av, Chicago, Ill.
Hightower Box & Tank Co., Atlanta, Ga.
Marinette & Menominee Box Co., Marinette, Wis.
Mengel Box Co., Louisville, Ky.
Page George G. Box Co., Cambridge, Mass.
Rathbone, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.
Troy Box & Lumber Co., Dept. H, Troy, N. Y.
Woodstock Mfg. Co., Charleston, S. C.

1197— Boxes (Bending)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1198— Boxes (Blow, Acid)

Pratt Engineering & Machine Co., Atlanta, Ga.

1199— *Boxes (Bluing)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1199a— Boxes (Bond)

See also Boxes, Cash; also Boxes, Safe Deposit
General Fireproofing Co., Youngstown, O.
See adv index at end of book
Pullman Ventilator & Mfg. Co., York, Pa.
Standard Stamping Co., Huntington, W. Va.
Underwriters Safe Co., Toledo, O.

Boxes (Bosh)

See Plates, Bosh

1200— Boxes (Bottle)

Andrews O. B. Co., Chattanooga, Tenn.
Bossert Louis & Sons, 1335 Grand, Bklyn, N. Y.
New England Box Co., Greenfield, Mass.
Omaha Box Co., Omaha, Neb.
Omaha Fiber & Corrugated Box Co., Omaha, Neb.
Troy Box & Lumber Co., Dept. H, Troy, N. Y.
Vance E. J. Box Co. (Ltd.), Bay City, Mich.
Woodstock Mfg. Co., Charleston, S. C.

1201— Boxes (Bread)

Central Stamping Co., 174 Fulton, New York
Republic Metalware Co. ("Savary"), Buffalo, N. Y.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Rudman & Scofield, 277 Pearl, New York
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1202—Boxes (Bread Shipping)

Anderson Box & Basket Co., Henderson, Ky.
Backus A. Jr. & Son, 393 Lafayette, Detroit, Mich.
Lewis G. B. Co., Watertown, Wis.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

1203— Boxes (Brick Mould)

Hadfield-Penfield Steel Co. (The), (Adjustable), Bucyrus, O.
See adv index at end of book

Boxes (Cardboard)

See other Headings under Boxes, Paper, etc.

1204—Boxes (Case Hardening)

Columbiana Boiler Co., Columbiana, O.
Driver-Harris Co. ("Nichrome" Castings), Harrison, N. J.
See branch offices Alphabetical Section
Garwood Bronze & Iron Works, Garwood, N. J.
Ludlum Steel Co., Watervliet, N. Y.
Ohio Steel Foundry Co., Lima, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

1205— Boxes (Cash)

Bogert & Hopper Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Central Stamping Co., 172 Fulton, New York
Erie Art Metal Co. (Strong & Lienity), Erie, Pa.
ESTES E. B. & SON, 364 5th av, New York *See adv index at end of book*
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Merriam Mfg. Co. (Tin), Durham, Conn.
Metal Office Furniture Co., Grand Rapids, Mich.
National Enameling & Stamping Co., 411 5th av, New York
Parsons W. A. & Co., Durham Center, Conn.
Pullman Ventilator & Mfg. Co., York, Pa.
Smith J. O. Mfg. Co., Middletown, Conn.
Standard Stamping Co., Huntington, W. Va.
Stirrup Mfg. Co., Inc., Market, Newark, N. J.
Underwriters Safe Co., Toledo, O.

1206-7— Boxes (Celluloid)

Celluloid Co., 36 Washington pl, New York

1208—Boxes (Charging, Open Hearth)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Columbiana Boiler Co., Columbiana, O.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, Ohio
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
WELLMAN-SEAVER-MORGAN CO., Cleveland, O. *See adv index at end of book*

1209— Boxes (Cheese)

Annett Box Co. ("Antex" Small Round), East Joffrey, N. H.
Colby Cheese Box & Silo Co., Colby, Wis.
Cooley Mfg. Co., West Bend, Wis.
Parfrey Chas. A., Richland Center, Wis.

1209a— *Boxes (Chemists')

BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1209b— *Boxes (Chip Pill)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Cleveland Fare Box Co. ("Cleveland"),

1209c— *Boxes (Chisel)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1210— Boxes (Cigar)

Balliet A. H., Allentown, Pa.
Eggerss-O'Flyng Co., Omaha, Neb.
Howell F. M. Co. (Wood), Elmira, N. Y.
Saginaw Specialty Co., Saginaw, Mich.
Sheip Henry H. Mfg. Co., Columbia av & 6th, Phila., Pa.
Weidman-Fisher Co., Tampa, Fla.
Wiedmann-St. Louis Cigar Box Co., 117 N. B'way, St. Louis, Mo.
Wolfram H. A. Inc., 16H 21st, Watervliet, N. Y.

1211— Boxes (Condenser)

Columbiana Boiler Co., Columbiana, O.
Petroleum Iron Works Co., Sharon, Pa.

Boxes (Conduit)

See Boxes, Junction & Outlet

1212—*Boxes (Core, for Foundry Use)

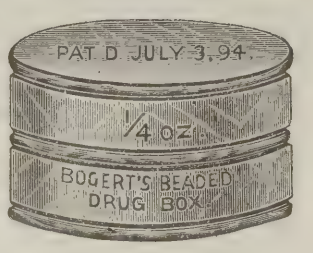
Ohio Mfg. Co., P O Box 136, Painesville, O. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1212a— Boxes (Corrugated Fibre)

See also Boxes Fibre
Goodwillie D. M. Co., 22nd & Racine av, Chicago, Ill.
Hinde & Dauch Co., Sandusky, O.
Illinois-Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Kansas City Fibre Box Co., Kansas City, Kans.
Midwest Box Co., Kokomo, Ind.
Paraffine Companies, Inc. (The), 34 1st, San Francisco, Cal.

1213—Boxes (Corrugated Paper)

Advance Corrugated Box Co., 2837 S La Salle, Chicago, Ill.
Agar Mfg. Co., 167 41st, Bklyn, N. Y.
American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
Andrews O. B. Co., Chattanooga, Tenn.
Ashtabula Corrugated Box Co., Ashtabula, O.
Ball Brothers Glass Mfg. Company, Muncie, Ind.
Bee-Hive Paper Box Co., Indianapolis, Ind.
Buffalo Box Factory (Fibre, All Sizes), Buffalo, N. Y.
Buffalo Corrugated Container Co., 25 Imson, Buffalo, N. Y.
Bulis J. C. Mfg. Co., 1122 S 12th, St. Louis, Mo.
Collins H. F. Co., St. Paul, Minn.
Corrugated Container Corp., Columbus, O.
Corrugated Paper Co., Norfolk, Va.
Corrugated Paper Products Co., 221 W 26th, New York
Detroit Corrugated Board & Box Co., 88 Isabella, Detroit, Mich.



TURNED WOOD

Drug and Chemists'
Pill Boxes

Made from White Birch Stock
Wood Turnings of All Kinds

BOGERT & HOPPER, INC.
57 Barclay Street New York, N. Y.
MILLS—Maine—Vermont—Massachusetts



BOXES (CORRUGATED PAPER)—cont'd
Fairmont Box Co., Canajoharie, N. Y.
FEDERAL CONTAINER CO. (& Fibre), 25th & Locust, Phila., Pa.
Fenton Fibre Box Co., N Tonawanda, N. Y.
Fibre Package Co., 473 Clay, Detroit, Mich.
Gair Robt. Co., 50 Wash'n, Brooklyn, N. Y.
Globe Paper Co., Evansville, Ind.
Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.
HINDE & DAUCH PAPER CO., Sandusky, O.
Hummel & Downing Co., Milwaukee, Wis.
Illinois Glass Co., Alton, Ill.
Knapp Geo. S., Bridgeport, Conn.
Lanzit Corrugated Paper Co., 2039 S Morgan, Chicago, Ill.
Lawrence Paper Mfg. Co. ("Jayhawk," All Sizes), Lawrence, Kan.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Marion Paper Box Co., Marion, Ind.
Mengel Box Co., Louisville, Ky.
MIDWEST BOX CO., 111 W Washington blvd, Chicago, Ill.
Omaha Fiber & Corrugated Box Co. (Shipping), Omaha, Neb.
Page Geo. G. Box Co. (For Freight or Express Shipment), Cambridge, Mass.
Paraffine Companies, Inc. (The), 34 1st, San Francisco, Cal.
Parsons Mfg. Co., Chelsea, Mass.
Ritchie W. C. & Co., Green & Van Buren, Chicago, Ill.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Schmitt-Backman Co., Sacramento, Cal.
Singer Paper Box Co., 815 W Congress, Chicago, Ill.
Thompson & Norris Co., The, 212 Concord, Brooklyn, N. Y.

1213a— *Boxes (Crayon)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1213b— Boxes (Cream)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1214— Boxes (Crosshead)

Buckeye Iron & Brass Works (Brass), Dayton, O.
Erie Forge Co., Erie, Pa.

1215— Boxes (Curb, Service)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Great Western Mfg. Co., Leavenworth, Kans.
Hays Mfg. Co., Erie, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Modern Iron Works ("Buffalo," "Peerless," "Quin See," "M. I. W."), Quincy, Ill.
Paradine Mfg. Co., Erie, Pa.
Patterson Mfg. Co. ("Nobolt"), Keystone bldg, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.) (For Service Pipe), Box J, Seneca Falls, N. Y.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

1216— Boxes (Cut Flower)

Thompson & Norris Co., The (Corrugated), 212 Concord, Brooklyn, N. Y.

1216a—*Boxes (Cutlery, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Boxes (Cut Out)

See Boxes, Junction or Outlet

1216b— *Boxes (Dice)

BOGERT & HOPPER INC. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

1217— Boxes (Disc Harrow)

Sharon Steel Hoop Co. ("Danielson," Pressed Steel), Sharon, Pa.

1218— Boxes (District Call)

Bunnell J. H. & Co., 32 Park pl, New York
Johns-Manville Inc., Madison av & 41st, New York

1218a— *Boxes (Ditty)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1219— Boxes (Document)

Barler A. C. Mfg. Co., 341 E Ohio, Chicago, Ill.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.

1220— Boxes (Drain)

Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York

1221-2—Boxes (Drug, Pill, Ointment & Powder)

BOGERT & HOPPER INC. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Randolph Box & Label Co., 843 W Van Buren, Chicago, Ill. *See adv index at end of book*

DRUGGISTS' PILL AND POWDER BOXES
Labels and Druggists' Printing
Randolph Box and Label Co.
843 W. Van Buren St. Chicago, Ill.

St. Louis Label Works, 925 N 11th, St. Louis, Mo.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Western Box Co., 326 River, Chicago, Ill.

Boxes (Dumping)

See Wagon Dump Boxes

1223— Boxes (Electric Service)

Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allsteelequip Co., Aurora, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Bissell F. Co. ("Security," Cabinets), Toledo, Ohio
Bonnell W. A. Co., 192 Chambers, New York
Brady Electric Mfg. Co., New Britain, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Columbia Metal Box Co., 226 E 144th New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Guilderland Foundry Co., Guilderland, N.Y.
Johns-Manville Inc. ("Noark"), Madison av & 41st, New York
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Standard Underground Cable Co. (Junction Boxes only), Westinghouse bldg, Pittsburgh, Pa.
Star Metal Box Co., 509 W 19th, New York
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Wabash Cabinet Co. (Coil), Wabash, Ind.

Established 1847 **E. B. ESTES & SONS**

Manufacturers of

Druggists' and Chemists' Turned Wooden Boxes





Plain and Polished Turned Wool Vials and Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty.

364 5th Avenue New York City





WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

1224—*Boxes (Extension, Dial Curb)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y. *See adv index at end of book*

1225—*Boxes (Fancy Wood)

Bogert & Hopper, Inc., 57 Barclay, New New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1226— Boxes (Fare)

See also Registers, Car Fare

Am. Railways Equip't Co. (Registering), Dayton, O.
Cleveland Fare Box Co. ("Cleveland"), 4900 Lexington av, Cleveland, O.
Johnson Fare Box Co. ("Johnson" Automatic), 236 S Robey, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1227— Boxes (Fibre)

See also Pails, Fibre; also Boxes, Corrugated Fibre

Already Box Co., Danville, Ill.
American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
American Vulcanizing Fibre Co. ("Laminar"), 504 Equitable bldg, Wilmington, Del.
Ball Brothers Glass Mfg Company (Corrugated), Muncie, Ind.
Milton, N. H.
Carthage Board & Paper Co. (Corrugated) Carthage, Ind.
Chicago Mill & Lumber Co., 11 W Washington, Chicago, Ill.
Commercial Box & Envelope Co., Chester, Pa.
Corrugated Container Corp., Columbus, O.
Cronkhite Co. Inc., 142 Berkley, Boston, Mass.
Danbury Square Box Co., Danbury, Conn.
Fenton Fibre Box Co., No Tonawanda, N. Y.
Fort Wayne Corrugated Paper Co., Hartford, Ind.
Goodwillie D. M. Co., 22nd & Racine av, Chicago, Ill.
HINDE & DAUCH PAPER CO. (Corrugated), Sandusky, O.
Hummel & Dowing Co., Milwaukee, Wis.
Kansas City Fibre Box Co. (Solid), Kansas City, Kans.
Kennebunk Mfg. Co. ("Lunch," etc.), Milton, N. H.
Kieckhefer Box Co., 133 W Water, Milwaukee, Wis.
Mengel Box Co., Louisville, Ky.
National Fibre & Insulation Co., Yorklyn, Del.
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
Standard Fibre Co., Miller st, Somerville, Mass.
Toledo Fibre Package Co., Toledo, O.

1227a— *Boxes (Fig)

Annett Box Co. ("Antex"), East Jaffrey, N. H.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1228—Boxes (Fire Alarm Signal)

Bunnell J. H. & Co. ("Jove," "Falcon," "Vulcan"), 32 Park pl, New York
Edwards & Co., Exterior & 140th, New York
Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.
Leveridge Chas. W. ("Diamond L"), 133 Liberty, New York
Loper Fire Alarm Co., Stonington, Conn.
Star Electric Co., Binghamton, N. Y.

1229— Boxes (Fishing Tackle)

Kraft A. C. ("Borcherdt" & "Wilson"), 323 W Lake, Chicago, Ill.
Knickerbocker Case Co. (Also Kits), 230 N Clinton, Chicago, Ill
See adv index at end of book
Merriam Mfg. Co. ("Johnson Trayless"), Durham, Conn.
Wilson F. Cortez Co. ("Borcherdt," "Wilson," "Landis"), 159 W Lake, Chicago, Ill.
Wright Bros. Paper Box Co., Fond du Lac, Wis.

Boxes (Floor)

See Boxes, Junction or Outlet

1230—Boxes (Folding Paper)

Advance Corrugated Box Co., 2837 S La Salle, Chicago, Ill.
American Box Board Co., Grand Rapids, Mich.
American Folding Box Co., 21 W 4th, New York
American Tri-State Paper Box Co., Nashville, Tenn.
Andrews O. B. Co., Chattanooga, Tenn.
Battle Creek Paper Co. Ltd., Battle Creek, Mich.
Bee-Hive Paper Box Co., Indianapolis, Ind.
Boas Wm. J. Co., 1427 Vine, Phila., Pa.
Boehme & Rauch Co., Monroe, Mich.
Brown & Bailey Co., 410 Franklin, Phila., Pa.
Buffalo Box Factory (Corrugated), Buffalo, N. Y.
Burt F. N. Co., Buffalo, N. Y.
Campbell Paper Box Co. (Every Variety), South Bend, Ind.
Carton Corp., 6454 Brannan, San Francisco, Cal.
Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.
Chicago Oyster Pail Co. (Candy, Cake & Ice Cream), 504 S Greene, Chicago, Ill.
Commercial Box & Envelope Co., Chester, Pa.
Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
Diepress Co. (Multicolor), Dept. H, Cazenovia, N. Y.
Downingtown Paper Box Co., East Downingtown, Pa.
Edwards Folding Box Co., 27 N 6th, Phila., Pa.
Empire Paper Tube & Box Co., 155 Bank, New York
Fleishhacker A. & Co., 401 2nd, San Francisco, Cal.
Ft. Orange Paper Co., Castleton-on-Hudson, N. Y.
Friedel J. F. Paper Box Co. (Suit, Laundry, Cake, etc), Syracuse, N. Y.
Gair Robert Co. (Corrugated Paper), 50 Washington, Brooklyn, N. Y.
Gereke-Allen Carton Co., 1701 Chateau, St. Louis, Mo.
Grand Rapids Paper Box Co., Grand Rapids, Mich.
Heer Peter Paper Box Co., 56 W Kinzie, Chicago, Ill.
Hinde & Dauch Paper Co. (Corrugated Fibre), Sandusky, O.
Hollis & Duncan, 732 W Lake, Chicago, Ill.
Hults E. H. Inc. (Candy), 218 Walnut, Phila., Pa.
Hummel & Downing Co., N Cambridge av, Milwaukee, Wis.
Illinois Glass Co. (Corrugated Paper), Alton, Ill.
Knapp Geo. S., Bridgeport, Conn.
Kratz A. S. Co., Richmond, Va.
Lawrence Paper Mfg. Co. ("Jayhawk" Corrugated Paper), Lawrence, Kan.
Lincoln Paper Co., Lincoln, Neb
Lindley Box & Paper Co., Gas City, Ind.
Mac-Sim-Bar Paper Co. (Corrugated Paper), Otsego, Mich.
Menasha Printing & Carton Co., Menasha, Wis.
Michigan Cash Register Co., 951 Porter, Detroit, Mich.
Milwaukee Paper Box Co., 712 Pierce, Milwaukee, Wis.
National Folding Box Co., New Haven, Conn.
O. K. Paper Pail Co., Middletown, O.
Pittsburgh Paper Box Co., Vanadium bldg, Pittsburgh, Pa.
Randolph Box & Label Co., 843 W Van Buren, Chicago, Ill.
See adv index at end of book

FOLDING BOXES
Randolph Box and Label Co.
843 W. Van Buren St.
Chicago, Ill.

Rochester Folding Box Co., Rochester, N.Y.
Russell Box Co., Chelsea, Mass.
St. Louis Label Wks., 925 N 11th, St. Louis, Mo.
St. Louis Paper Co., 500 N 3d, St. Louis, Mo.
Sefton Mfg. Corp. (Corrugated Paper), 1301 W 35th, Chicago, Ill.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Shuttleworth Keiller & Co., 474 W B'way, New York
Stone & Forsyth Co., 67 Kingston, Boston, Mass.
Sweet A. H. & Son, Norton, Mass.
Thompson & Norris Co. The (Corrugated Paper, 212 Concord, Brooklyn, N. Y.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Waldorf Paper Products Co., St. Paul, Minn.
Webb Folding Box Co., Bogota, N. J.
Whitney & Co., Leominster, Mass.

1231—*Boxes (Foundry, Steel)

OHIO MFG. CO., P O Box 136, Painesville, O. *See adv index at end of book*

1232— Boxes (Fuse)

See also Boxes, Switch

Brady Electric Mfg. Co. (Three Wire, etc.), New Britain, Conn.
Columbia Machine Works & Malleable Iron Co., Atlantic av, & Chestnut, Brooklyn, N. Y.
Columbia Metal Box Co., 226 E 144th, New York
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Erie Metal Products Co., Erie, Pa.
Fisher Chase Mfg. Co., 118 Parsons av, Columbus, O.
GENERAL ELECTRIC CO., Schenectady, New York *See adv index at end of book*
Geuder Paeschke & Frey Co. (& Torpedo), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Holzer R. G. (Estate of), 317 Burgundy, New Orleans, La.
Johns-Manville Inc. ("Noark" Service Subway Boxes), Madison av & 41st, New York
Johns, Pratt Co. The ("Noark" Service, Subway, Car, Manhole, Meter, Protective, Special for any Electrical Device), Hartford, Conn.
Palmer Electric & Mfg. Co. (Service), 60 K, Boston, Mass.
Pass & Seymour, Solvay, N. Y.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
Tower-Binford Elec. & Mfg. Co., Richmond, Va.
Troy Electrical Co., Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1233—Boxes (Fuse, Street Car)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Johns-Manville Inc. ("Noark"), Madison av & 41st, New York

1234—Boxes (Fused Coupling, for Feeder Cables)

D & W Fuse Co., Hathaway, Providence, R. I.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book

1234a— Boxes (Garbage)

Berg John & Bro., 5001 5th av, Chicago
Sanitary Garbage Box Co. (Concrete), 3840 N. Clark, Chicago, Ill.
Wesely Chas. Co. (Cement), Chicago, Ill.

1235— Boxes (Gill)

Saco-Lowell Shops (for Drawing, Repairing & Finishing), 77 Franklin, Boston, Mass.

1235a—*Boxes (Glove Powder)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1235b— *Boxes (Gold Paint)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Ullman Mfg. Co., 353 E 59th, New York

1236—Boxes (Grease, Plumbers')

Boekel, Wm, & Co., 518 Vine, Philadelphia, Pa.
Johnson Wm. (Hedenberg Works), Newark, N. J.

Boxes, (Grindstone)

See Grindstone Boxes, Frames

1237—*Boxes (Hardware & Tool)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

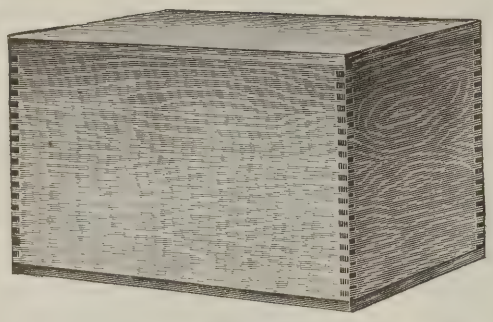
1237a— Boxes (Hat)

Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.
Boyle John & Co., 112 Duane, New York
Galewski A. & Son, 453 Broome, New York
National Veneer Products Co., Mishawaka, Ind.
Schmicki F. W. H. Slattery, Inc., 73 B'way, New York
Warren Leather Goods Co., Worcester, Mass.
White F. H. Co., 1001 Hamilton, Phila., Pa.

1238—*Boxes (Hinged Cover)

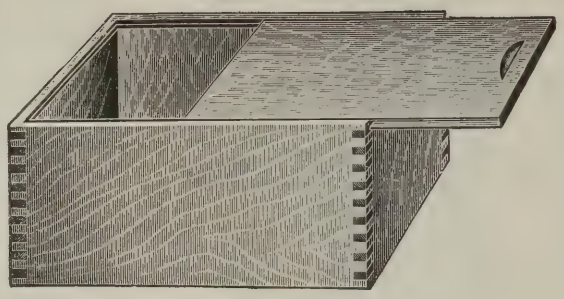
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

WOODEN BOXES



LOCKED CORNER
NAIL CORNER
SHOOKS

Eastern White Pine Basswood Mailing Boxes, and Nested Shipping Boxes carried in stock at New York



BOGERT & HOPPER, Inc., 57 Barclay Street, N. Y.

MILLS:
Maine, Vermont, Massachusetts

1238a— Boxes (Hot)

Weatherly Co. (for Japanning), Grand Rapids, Mich.

1239— Boxes (Jack)

American Electric Co., 6401 S State, Chicago, Ill.
Garl Electric Co., Akron, O.

1240— Boxes (Jewelers')

Bergner Fred & Co., Paca & Cross, Baltimore, Md.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Elmwood Box Co., 87 Willard av, Providence, R. I.
Farrington Mfg. Co., 23 Vale, Boston, Mass.
Jencks Paper Box Co., 45 Waldo, Providence, R. I.
Noble F. H. & Co., 555H W 59th, Chicago, Ill.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Sweet A. H. & Son, Norton, Mass.
Taylor Card & Box Co., 196 W Exchange, Providence, R. I.
Young Bros., 722 Eddy, Providence, R. I.

1241— Boxes (Journal)

American Car & Foundry Co., Syndicate Trust bldg., St. Louis, Mo.
Bailey & Burruss Mfg. Co., Atlanta, Ga.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Brown, A. & F. Co., 79 Barclay, New York.
Chain Belt Co., Milwaukee, Wis.
Chester Steel Casting Co., Chester, Pa.
Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Columbia Machine Works & Malleable Iron Co. (Shems, Covers, Wedges, Brasses & Check Plates), Atlantic av & Chestnut, Brooklyn, N. Y.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Fleming J. R. & Son Co., Scranton, Pa.
Fritz Geo. J. Foundry & Machine Co., 2018 S. 3rd, St. Louis, Mo.
Gould Coupler Co. ("Gould" Malleable Iron), 30 E 42nd, New York
Great Western Mfg. Co., Leavenworth, Kan.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Hoppen J. E. & Sons (Self Oiling), 78 Main, Belleville, N. J.
See adv index at end of book
Jones E. D. & Sons Co., Pittsfield, Mass.
Jones W. A. Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
Lane Mfg. Co., Montpelier, Vt.
Leffel Jas. & Co., East St., Springfield, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McCord & Co. ("McCord" Malleable Iron for Railroads), 122 S. Michigan av, Chicago, Ill.
Michigan Malleable Iron Co. ("Detroit"), Delray, Detroit, Mich.
National Malleable Castings Co., 7706 Platt av S E, Cleveland, O.
Nordyke & Marmon Co. (Ball & Socket), Morris & Kentucky av, Indianapolis, Ind.
Pratt & Letchworth Co., Buffalo, N. Y.
Railway Roller Bearing Co. (Roller Bearing), Syracuse, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Symington T. H. Co. ("Symington"), 233 Bway, New York
Taylor Electric Truck Co., Troy, N. Y.
Taylor W. P. Co. ("Taylor's," Dustproof Self-Locking), Ellicott sq, Buffalo, N. Y.
Trump Mfg. Co., Springfield, O.
Union Spring & Mfg. Co. ("Kensington" All Steel), New Kensington, Pa.
Wolf Co. (Plain, for Conveyor Rolls), Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

1242—Boxes (Junction or Outlet)

Acme Metal Stamping Co., 429 Prospect, N W, Cleveland, O.
Adam Frank Electric Co. (Junction), 904 Pine, St. Louis, Mo.
Adapti Mfg. Co. ("Adapti"), 919 West, Cleveland, O.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allino Switch Box Mfg. Co., St. Louis, Mo.
Allsteelequip Co., Aurora, Ill.
Appleton Electric Co. ("Appleton"), Wellington & Paulinco, Chicago, Ill.
Arrow Electric Co. ("Pipe Ends"), Hartford, Conn.
Aurora Steel Products Co., Aurora, Ill.
Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
Barlow Foundry Co. ("Jem"), 551 N. J. R. R. av, Newark, N. J.
Berry-Glosser Co., Marion, O.
Bierman-Everett Foundry Co., Irvington, N. J.
Bonnell W. A. Co., 192 Chambers, New York
Brady Electric Mfg. Co. ("Brady" Arc), New Britain, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Chelton Elec. Co., Stenton & Rockland, Phila., Pa.
CHICAGO FUSE MFG. CO. ("Union"), Lafiin & 15th, Chicago, Ill
See adv index at end of book
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Colgan W. H. Co. ("Rex"), W. Newton, Mass.
Columbia Metal Box Co., 226 E 144th, New York
Conlan Electric Co., 86 Walker, New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
Cutter Geo. Co., South Bend, Ind.
Dahlstrom Metallic Door Co., 413 Buffalo Jamestown, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Dill Mfg. Co., 684 E 82d, Cleveland, O.
Economy Elec. Spec. Co., 37 W Van Buren, Chicago, Ill.
Electric Operations Co., 254 36th, Brooklyn, N. Y.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Fancleve Specialty Co., Boston, Mass.
G. & W. Electric Specialty Co. ("Subway"), 7440 S Chicago av, Chicago, Ill.
Geometric Stamping Co., 221 E 131st, Cleveland, O.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gillette-Vibber Co. ("G. V." Outlet), New London, Conn.
Greater N. Y. Metal Box Co., 143 W 19th, New York
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Iron Spec. Co., 2098 3rd av, New York
Johns-Manville Inc. ("Noark"), Madison av & 41st, New York
Krantz Mfg. Co. (Adj.), 160—7th, Brooklyn, N. Y.
Louisiana Metal Cabinet Wks., New Orleans, La.
Mansfield Electric Hardware Co., Mansfield, O.
Multi Electrical Mfg. Co. ("Multi"), 703 Fulton, Chicago, Ill.
Mutual Electric & Machine Co., 232 Fort W Detroit, Mich.
National Metal Molding Co. ("National"), 1110 Fulton bldg, Pittsburgh, Pa.
New England Machine & Electric Co., Pawtucket, R. I.
Newgard Henry & Co. ("Newgard"), 947 Wash'n boul, Chicago, Ill.
Ostrander W. R. & Co (Cast Iron), 371 B'way, New York
P. & B. Mfg. Co., 1624 Fratney, Milwaukee, Wis.
Pass & Seymour (Junction), Solvay, N. Y.
Penn Art Steel Works, Erie, Pa.
See adv index at end of book
Peterson Chas. J. Co., 725 Fulton, Chicago, Ill.
Potter Mfg. Co., 1060 Superior av, N W, Cleveland, O.
Pratt Chuck Co., Frankfort, N. Y.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila, Pa.
Protective Electrical Supply Co., Fort Wayne, Ind.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Renim Specialty Co. ("Renim" Universal for Flexible Metallic & Non-Metallic Conduits), Brighton, Boston, Mass.
Rice Geo. H. Co., 431 E. 23rd, New York
Robb & Blackmer, 129 Pearl, Boston, Mass.
Russell & Stoll Co. (Floor Only), 17 Vandewater, New York
Seidler-Miner Co. (Marine), 36 E. Larned, Detroit, Mich.
Sieffert Electric Co., Evansville, Ind.
Sprague Electric Works (Universal), 529 W 34th, New York
Standard El. Fitting Co., Stamford, Conn.
Standard Elec. Manfg. Co., 216 N Clinton, Chicago, Ill.
Standard Underground Cable Co. (Cable Junction Box for High Tension Transmission Circuits), Westinghouse bldg, Pittsburgh, Pa.
Stanley & Patterson ("Patterson," "Fielding"), 23 Warren, New York
Star Metal Box Co., 509 W 19th, New York
Stecker Elec. & Machine Co., Dewey, Detroit, Mich.
Steel City Electric Co. ("Steel City," "Campbell" Receptacle, "Fullman"), 1207 Columbus av, Pittsburgh, Pa.
Sterling Foundry & Machine Co., 521 Chancellor av, Newark, N. J.
Superior Electric Mfg. Co., 2416 Univ av, S E, Minneapolis, Minn.
Thomas & Betts Co., 63 Vesey, New York
Toledo Metal Products Co., Spitzer bldg, Toledo, O.
United Electrical Construction Co., 110 S Dearborn, Chicago, Ill.
Universal Elec. & Specialty Mfg. Co., New Orleans, La.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilson A. B. Co., 1051 Power bldg, Cleveland, O.
Wurdack Wm. Elec. Mfg. Co., 21 S 11th, St. Louis, Mo.

Boxes (Letter)

See Boxes, Mail

Boxes (Lithographed Metal)

See Boxes & Cans, Litho Metal

1243— Boxes (Lock)

Bethlehem Shipbuilding Corp, Ltd. (Oil Refinery), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Fire-Proof Furniture & Construction Co. Steel), Miamisburg, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.



Established 1847

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Manufacturers of

Lock Cornered Eastern White Pine and Basswood

PACKING and MAILING BOXES

ALSO FINISHED HARDWOOD BOXES *FINE PRINTING A SPECIALTY*

364 5th AVENUE, NEW YORK CITY



Merriam Mfg. Co. (Tin), Durham, Conn.
Underwriters Safe Co., Toledo, O.
Wharton Wm. Jr. & Co., Inc. (For Railway Switches), Easton, Pa.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

1244— Boxes (Lock Corner)

Acme Box Co., 1401 W 21st pl, Chicago, Ill.
Alliger Box & Lumber Co., N Tonawanda, N. Y.
American Crayon Co. ("Basswood"), 1300 Hayes av, Sandusky, O.
American Woodworking Co., 19 Warren, New York
Atwood & McManus Box Co. (Wooden), Chelsea, Mass.
Beck August C. Co., 1-30 East, Milwaukee, Wis.
Becker Mfg. Co. (For Storage Batteries), Marietta, O.
BOGERT & HOPPER, INC. (Wooden), 57 Barclay, New York
See adv index at end of book
Cardington Cabinet Co., Cardington, O.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Connecticut Box Co., New Haven, Conn.
Dickinson's A. Sons, Ashuelot, N. H.
Dunning-Varney Corp., 99 Warren, New York
Embry Box Co., Louisville, Ky.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Franklinville Canning Co., Franklinville, N. Y.
Green A. H. Co., 97 Warren, New York
Griggs-Hanna Co., 1240 Michigan av, Detroit, Mich.
Hart Dow, J., Marlboro, N. H.
New England Box Co., Greenfield, Mass.
Newton & Thompson Mfg. Co., 200 5th av, New York
Niagara Box Co., 820 S Division, Buffalo, N. Y.
Novelty Turning Co., Norway, Me.
Omaha Box Co., Omaha, Neb.
Page Geo. G. Box Co., Cambridge, Mass.
Parsons Mfg. Co., Chelsea, Mass.
Peirce W. E. & Co., Milford, N. H.
PETERSON F. W. CO., 18 Greene, New York *See adv index at end of book*
Pullman Ventilator & Mfg. Co., York, Pa.
Schutz Bros., 152 Chambers, New York
Sheip Hy. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
STILES H. A. & CO., 93-97 Oliver, Boston Mass. *See adv index at end of book*
Sweet A. H. & Son, Norton, Mass.
Thomas T. R. (Wooden), Dept. H, Bristol, Vt.
Thompson Jas. A., Lowell, Mass.
Tollner's Chas. Sons Co., Pulaski, N. Y.
Union Hardware Co., Torrington, Conn.
Varney Isaac & Sons Co., Fall River, Mass.
West F. M. Box Co. (Side Cover), Springfield, Mass.
Western Box Co., 326 River, Chicago, Ill.

1245—Boxes (Locomotive Driving)

Damascus Bronze Co. ("Damascus"), N. S., Pittsburgh, Pa.
Franklin Ry Supply Co. ("Cole" Extended), 30 Church, New York
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.

1246— Boxes (Lunch)

Columbus Fibre Box Co. (Fibre), N W cor Hickory & Wall, Columbus, O.
Enoch Mfg. Co., Mount Sterling, Ky.
Fletcher, Terry Co. (Folding Fibre, etc), Forestville, Conn.
Kennebunk Mfg. Co. (Folding Fibre, etc), Milton, N. H.
Landers, Frary & Clark Co. ("Universal" Metal), New Britain, Conn.
Reading Saddle & Mfg. Co. ("20th Century," "Eagle," "Black Diamond." "American," "Raven," "Reading"), Reading, Pa.
White Paper Box Co. ("Perfection"), Holyoke, Mass.

1247— Boxes (Mail)

See also Boxes, Rural Mail

Ajax Hardware Mfg. Co. ("Ajax Rust-Proof"), 1100 Military rd, Buffalo, N. Y.
Alsteel Mfg. Co. (Letter & Package Boxes for Street), Battle Creek, Mich.
American Mailing Device Corp., 103 Park av, New York
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
Corbin Cabinet Lock Co. (Apartment House & Office Letter Boxes), New Britain, Conn.
Couch S. H. Co., Norfolk Downs, Mass.
Elec. Apparatus Co., 127 S Green, Chicago, Ill.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Federal Equipment Co., Carlisle, Pa.
Forest City Foundry & Mfg. Co. ("Standard"), 2202 Elm av, Cleveland, O.
Greswold Mfg. Co., Erie, Pa.
Gray Iron Foundry Co., Reading, Pa.
Introstile Mfg. Co. ("Urban"), Marietta, O.
In Vu Mfg. Co., Rochester, N. Y.
Janney & Co. (Babbitted), Montgomery, Ala.
Keil Frances & Son, 401 E 163d, New York
Lovell F. H. & Co., Arlington, N. J.
Manhattan Electrical Supply Co. (House Letter), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Metal Forming Corp. ("City Gem"), Elkhart, Ind.
Merriam Mfg. Co. (Tin), Durham, Conn.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Northwestern Mail Box Co. ("Carriers' Friend"), 5029 McKissock, St. Louis, Mo.
Oakes Mfg. Co., Tipton, Ind.
Peck C. A. Hardware Co., Berlin, Wis.
Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.
Presteel Co. (Steel), Grafton, O.
Reading Hardware Co., Reading, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Standard Elec. Manfg. Co. (Combination, Apartment House), 216 N Clinton, Chicago, Ill.
Standard Stamping Co., Huntington, W. Va.
Samson Elec. Co., 146 Summer, Canton, Mass.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Walsh, Owen Mfg. Co., 525 W 26th, New York
Wheeler W. A. ("Globe"), Indianapolis, Ind.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
Winfield Mfg. Co., Warren, O.
ford, Conn.

1248— Boxes (Mailing)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Screw Cover), 364 5th av, New York
See adv index at end of book
Janney & Company (Babbitted), Montgomery, Ala.
See adv index at end of book
Jencks Paper Box Co. ("Sensible," "Whitney"), 45 Waldo, Providence, R. I.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Vt. Box Co. (Wood), Dept. H, Bristol, Vt.

1249—Boxes (Manhole Junction)

D & W Fuse Co., Hathaway, Providence, R. I.
G. & W. Electric Specialty Co., 7440 S Chicago av, Chicago, Ill.
Johns-Manville Inc. ("Noark"), Madison av & 41st, New York
Ricker Mfg. Co., 239 N Water, Rochester, N. Y.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

1250— Boxes (Medicinal, Toilet, Etc.)

AMERICAN CAN CO. (Seamless, etc), 120 B'way, New York
See adv index at end of book
Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
METAL PACKAGE CORP. OF N. Y. (Seamless, etc.), 509 5th av, New York *See adv index at end of book*

1251-2— Boxes (Metal)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Baker E. & Co. (Excelsior, etc.), 608-10 S La Salle, Chicago, Ill.
See adv index at end of book
Galvanized Products Co., 8410 Lake av, Cleveland, Ohio
Geuder Paeschke & Frey Co. (Battery), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Home Light Co. of America ("Hollico Inc."), 1955 Park av, New York
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Mullins Body Corp., Dept. H., Salem, Ohio
PENN METAL CO. ("Penco"), 65 Franklin, Boston, Mass.
Pullman Ventilator & Mfg. Co., York, Pa.

1253— Boxes (Meter)

Advance Electric & Mfg. Co., Kans. City, Mo.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Brady Electric Mfg. Co. (For Sealing Wires After Meter is Removed), New Britain, Conn.
Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Clark H. W. Co. ("Clark," "Southland"), Mattoon, Ill.
Clarksville Foundry & Machine Works ("Ryder" Self-Locking), Clarksville, Tenn.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Life bldg, Kansas City, Mo.
Donley Bros. Co. (Electric), 3625 E 74th, Cleevland, O.
See adv index at end of book
Ford Meter Box Co., Wabash, Ind.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Janney & Co., Montgomery, Ala.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Modern Iron Works ("Andrews" & "Modern"), Quincy, Ill.
Nichols Mfg. Co., Ottumwa, Ia.
P. & B. Mfg. Co., 1624 Fratney, Milwaukee, Wis.
S. E. T. Valve & Hydrant Co., 56 Church, New York *See adv index at end of book*
San Antonio Sewer Pipe Works, San Antonio
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Withers Foundry & Machine Works, Atlanta, Ga.

1253a—*Boxes (Meter Dial Curb)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y.
See adv index at end of book

1253b—*Boxes (Microscope Slide)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av., New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1254— Boxes (Milk)

Rice & Adams (Sanitary), Buffalo, N. Y.
Troy Box & Lumber Co., Dept. H., Troy, N. Y.

1254a— Boxes (Mill)

Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Wilson, Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

1255— Boxes (Miners' Squib)

Anton Geo. T. & Bro., Monongahela, Pa.

1256— Boxes (Mitre)

Gay Geo. E. ("Gem" Folding), Augusta, Me.
Goodell Mfg. Co. ("Goodell" Bessemer Steel & "Greenfield" Iron), Greenfield, Mass.
Goodell-Pratt Co. ("Goodell" & "All-Steel"), Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
McCarty J. C. & Co. ("Victor" Folding), 29 Murray, New York
Manumotor Co. ("Kawalle Automatic"), Manitowoc, Wis.
Mayhew H. H. Co. ("Mayhew"), Shelburne Falls, Mass.
Millers Falls Co. ("Langdon," "Star," "Marsh-Ayer"), Millers Falls, Mass.

BOXES (MITRE)—continued
Nicholls Mfg. Co. ("True"), Ottumwa, Iowa
Olmsted's L. H. Son, Hasbrouck Heights, N. J.
Overholt Co. (Autos, etc), Galesburg, Ill.
Rockford Mitre Box Co. ("Star," "Honeycomb" for Metal or Wood), Rockford, Ill.
SMITH & HEMENWAY CO., INC. ("Seavey," Patent, "Red Devil", 261 H B'way, New York; 130 H. Colt, Irvington, N. J. *See adv index at end of book*
Stanley Rule & Level Co. ("Stanley," "Victor"), New Britain, Conn.
Stearns E. C. & Co. ("Stearns" Folding), 450 Oneida, Syracuse, N. Y.
Union Hardware Co. ("Perfection"), Torrington, Conn.

1257— Boxes (Muffle)

Bethlehem Foundry & Machine Co. (For Chemical Mfg, etc), Front, South Bethlehem, Pa.
Garwood Bronze & Iron Works, Garwood, N. J.

1258— Boxes (Music)

Jacot A. H., 29 John, New York
Regina Co., 47 W 34th, New York

1259— Boxes (Nail)

AMERICAN STEEL & WIRE CO. ("Mrs. McGregor"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Bogert & Hopper, Inc. (Polished), 57 Barclay, New York
See adv index at end of book
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
St. Louis Paper Can & Tube Corporation (Fibre, for Roofing Nails), St. Louis, Mo.

1259a— *Boxes (Nested)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1260— Boxes (Oil Fuse)

Janney & Co., Montgomery, Ala.
Ricker Mfg. Co. ("Rochester"), Rochester, N. Y.

1260a— Boxes (Optical Mailing)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847 **E. B. ESTES & SONS**
Manufacturers of Lock Cornered Eastern White Pine and Basswood
PACKING AND MAILING BOXES
Also Finished Hardwood Boxes. Fine Printing a Specialty
364 5th AVENUE NEW YORK CITY

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Thomas T. R., Dept. H, Bristol, Vt.
Vt. Box Co., Dept. H, Bristol, Vt.

Boxes (Outlet or Junction)

See Boxes, Junction or Outlet

1260b— Boxes (Paper)

See also Boxes, Corrugated Paper, etc.

Advance Corrugated Box Co., 2837 S La Salle, Chicago, Ill.
Advance Paper Box Co., 21st & Pine, St. Louis, Mo.
All Paper Box Co. (Candy Boxes, etc.), 125 S. 8th, St. Louis, Mo.
Bisler G. A. Inc., 245 N 6th, Phila., Pa.
Bloomer Bros. Co., Newark, N. J.
Drake H. R. & Sons, Inc., Palmyra, N. Y.
Fort Wayne Box Co., Fort Wayne, Ind.
Globe Paper Box Co., 228 W Huron, Chicago, Ill.
Heer Peter Paper Box Co., 56 W Kinzie, Chicago, Ill.
Hoffman J. C., Inc. (Round), 259 3rd av, New York
RITCHIE W. C. & CO., Green & Van Buren, Chicago, Ill.
Rochester Paper Products Co. (Round Cardboard), Rochester, N. Y.
Singer Paper Box Co., 815 W Congress, Chicago, Ill.

1261—Boxes (Paper, Metal Edge)

Economy Metal Edge Box Co., 500 S Peoria, Chicago, Ill.
National Metal Edge Box Co., 1217 Callowhill, Phila., Pa.
N. Y. Metal Edge Box Works, 212 Front, New York

1262— Boxes (Paper Shipping)

American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
Bridgman Smith Co., 487 Kent av, Brooklyn, N. Y.
Foster Box Board Co., Utica, N. Y.
Lindley Box & Paper Co., Marion, Ind.
Western Paper Box Co., 172 N Green, Chicago, Ill.

1263— Boxes (Parcels Post)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Foster Box Board Co., Utica, N. Y.
Hinde & Dauch Paper Co. (Corrugated Fibre), Sandusky, O.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1264— Boxes (Pencil)

American Mfg. Concern (Advertising), Falconer, N. Y.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Eagle Pencil Co., 210 E 14th, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Tollner's Chas. Sons Co., Pulaski, N. Y.

1264a— Boxes (Pin & Trinket)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Schimper William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York
Stiles H. A. & C., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1265— Boxes (Pitman)

Herschel R. Mfg. Co., Peoria, Ill.

1265a—Boxes (Plant, All Metal)

Majestic Co., Huntington, Ind.

1265b—*Boxes (Polished Wood)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1266— Boxes (Porous Clay)

Maddock John & Sons (Special Oblong, etc), Trenton, N. J.

1267—Boxes (Post Office Lock)

Advance Paper Box Co., 21st & Pine, St. Louis, Mo.
Eagle Lock Co., Terryville, Conn.
Federal Equipment Co., Carlisle, Pa.
Keyless Lock Co., Indianapolis, Ind.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

1268— Boxes (Powder)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Shuman Frank G. (Fancy Hand & Machine Made), 216 N Clinton, Chicago, Ill.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.

1268a— Boxes (Puff)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1269—Boxes (Railroad Ticket & Cash Receipt)

Macdonald Ticket & Ticket Box Co., 5015 Wellesley av, Cleveland, O.

Boxes (Resistance)

See Rheostats

1269a— *Boxes (Rifle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1270— Boxes (Rural Mail)

See also Boxes, Mail

Alexander Aaron, Newfield, N. Y.
Barth A. H., Sr., Lamar, Mo.
Bettler C. L. & Son, ("Wapello"), Wapello, Ia.
Brickenstein L. B. ("Winston-Salem," "Brickenstein"), Winston-Salem, N. C.
Coulston Brundage & Co., La Harpe, Ill.
Deshler Mail Box Co. ("Deshler"), Deshler, O.
Erickson J. M., Slater, Ia.
Folsom C. G. Mfg. Co. ("Ideal"), South Bend, Ind.
Forney John H. ("Enterprise"), Burlington, Ia.
Gust G. W., Morenci, Mich.
Harper & McIntire Co. ("Har Mac"), Ottumwa, Ia.
Heine Jno F. & Son ("Hooper"), Hooper, Neb.
Heller-Aller Co., Napoleon, O.
Hessler H. E. Co. ("Hessler"), Syracuse, N. Y.
Hopson W. C. Co. ("Standard"), Grand Rapids, Mich.
Kelly Foundry & Machine Co., Goshen, Ind.
Learn & Brindle ("Ideal"), Columbus, O.
Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum Galvanized), Canandaigua, N. Y.
Mankoff L. G., Verden, Okla.
Moore James T. & Co., Terre Haute, Ind.
Northwestern Mail Box Co. ("Carriers Friend"), 5029 McKissock, St. Louis, Mo.
Peck C. A., Hardware Co. ("Gem," "Jewel"), Berlin, Wis.
Reese & Bro., Rolling Prairie, Ind.
Roesch Geo. E. ("Aurora" Automatic), Aurora, Ill.
Superior Sheet Metal Works Co. ("Leader," "Standard" Superior), 3201 Roosevelt av, Indianapolis, Ind.
Swan Geo. B. ("Improved Royal"), Mattoon, Ill.
Tharpe Hardware & Mfg. Co. ("Weather proof"), Monroe, N. C.

1271— Boxes (Safe Deposit)

Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.
Diebold Safe & Lock Co. (Steel), Canton, O.
Galvanized Products Co., 8410 Lake av, Cleveland, Ohio
Gross-Feibel Co., Hillsboro, O.
Hamilton Sheet Metal Co., Hamilton, O.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Penn Art Steel Works (Strong Steel Bond & Document, Erie, Pa.
Pottsville Foundry & Stove Co., Pottsville, Pa.
Pullman Ventilator & Mfg. Co., York, Pa.
Reliable Safe & Lock Co., Covington, Ky.
Safety Deposit Box Co., 395 W Main (Fireproof), Battle Creek, Mich.
Standard Stamping Co., Huntington, W. Va.
Thomas-Peter Co., Canton, O.
Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
Waterloo Hdw. Co., Waterloo, Ia.

1271a—*Boxes (Safety Razor)

Bogert & Hopper, Inc. (Polished Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wood, Polished), 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Vt. Box Co. (Woodwork for covering), Dept. H, Bristol, Vt.

1272—Boxes (Salt, Spice, Etc.)

Arcade Mfg. Co. (Wood), Freeport, Ill.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Chapman-Sargent Co. (Wooden), Piqua, O.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lalance & Grosjean Mfg. Co. (Enameled Iron), 299 B'way, New York
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.

1272a— Boxes (Salve)

Du Pont E. I. de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1273— Boxes (Sand)

See also Locomotive Sanders

Brill J. G. Co. ("Dumpit"), 62d & Woodland av, Philadelphia, Pa.
Cleveland Fare Box Co. ("Cleveland"), 4900 Lexington av, Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co. ("Simmons-Moore"), Dayton, O.
Electric Service Supplies Co. ("Keystone" Vacuum), 17th & Cambria, Philadelphia, Pa.
Haase Track Sander Co., Milwaukee, Wis.
Hamilton Wm. Sons Car Co., Newark, O.
Holland Trolley Supply Co. ("Nicholas-Lintern"), 1623 E 43d, Cleveland, O.

Ridlon Frank Co. ("Kilbourn"), 251A, Boston, Mass.
Trojan Button Fastener Co. ("Ham"), Troy, N. Y.

1274— Boxes (Scale)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O. *See adv index at end of book*
Ohio Ceramic Engineering Co. ("Lakewood"), Berea rd, Cleveland, O.
STUEBNER G. L. IRON WORKS (Steel), Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*

1275— Boxes (Seamless Tin)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Buckeye Stamping Co., Columbus, O.
Clark J. L. Mfg. Co., Rockford, Ill.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Metal Package Corp. of N. Y., 509 6th av, New York *See adv index at end of book*
Rumrill & Co., 52 Purchase, Boston, Mass.

Boxes (Service)

See Boxes, Valve & Service

1276— Boxes (Shafting)

See also Power Transmitting Machinery
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Chain Belt Co., Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
Hunt Rodney Machine Co., Orange, Mass.
Hyatt Roller Bearing Co. ("Hyatt," Roller Bearing), Harrison, N. J.
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

1277—Boxes (Shelf Hardware)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Green A. H. Co. (Interchangeable Lock Corner), 97 Warren, New York
Heller W. C. & Co. (Varnished Oak Fronts), Montpelier, O.
Moore Chas. P. ("Perfect"), Ravenswood, W. Va.
Sheip Hy. H. Mfg. Co., Columbia av & 6th, Phila., Pa.

Boxes (Shop, Steel)

See Boxes, Tote, Sheet Steel

1277a— *Boxes (Sliding Cover)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1278— Boxes (Soap)

Celluloid Co., 36 Washington pl, New York
Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Schimper William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York
Waterbury Mfg. Co., Waterbury, Conn.

1279—Boxes (Spark Coil, Waterproof)

Churchill Cabinet Co., 2119 Churchill, Chicago, Ill.
Standard Cabinet Mfg. Co., Peru, Ind.
Union Hardware Co., Torrington, Conn.
West F. M. Box Co., Springfield, Mass.

1280— *Boxes (Sprue)

OHIO MFG. CO., P. O. Box 136 Painesville, O. *See adv index at end of book*
Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.

1281—*Boxes (Stacking Steel)

OHIO MFG. CO., P. O. Box 136 Painesville, O. *See adv index at end of book*

1282-3— *Boxes (Starch)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Boxes (Starting)

See Rheostats

1284— *Boxes (Stock, Steel)

Ohio Mfg. Co., P. O. Box 136, Painesville, O. *See adv index at end of book*

Boxes (Stoneware)

See Stoneware, Chemical

1285— Boxes (Stuffing)

Buckeye Iron & Brass Works, Dayton, O.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Hill Clutch Co., W. 65th, Cleveland, O.
Laughlin Thos. Co., Portland, Me. *See adv index at end of book*
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Medina Stamping & Mach. Co., Medina, N. Y.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
Union Machine Co. ("D. & L." Throttle Rod, 183 University av, St. Paul, Minn.
Upson-Walton Co. of N. Y. The ("Nobind") (Marine), 291 B'way, New York
Wilcox, Crittenden & Co., Inc. (Bronze), Middletown, Conn. *See adv index at end of book*

1286— Boxes (Switch)

Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
Adams-Holland Electric Co., Revere, Mass.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allsteelequip Co., Aurora, Ill.
Appleton Electric Co. ("Appleton"), Wellington & Paulina, Chicago, Ill.
Bonnell W. A. Co., 192 Chambers, New York, N. Y.
Bryant Electric Co., Bridgeport, Ct.
Burns Jas. F., 713 Cherry, Phila., Pa.
CHICAGO FUSE MFG. CO. ("Union"), Laflin & 15th, Chicago, Ill. *See adv index at end of book*
Colgan W. H. Co. ("Rex"), West Newton, Mass.
Columbia Metal Box Co., 226 E 144th, New York
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
Cutter Electrical & Mfg. Co. ("Munit"), 19th & Hamilton, Phila., Pa.
Economy Switchbox & Mfg. Co. ("E-Z"), Cleveland, O.
Frederick-Elder Co., Bridgeville, Pa.
Freeman E. H. Electric Co., Trenton, N. J.
Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Holabird-Reynolds Elec. Co., Los Angeles, Cal.
Holzer R. G. (Est. of), New Orleans, La.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
McLean W. B. Mfg. Co., 729 Heron av, Pittsburgh, Pa.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Multi Electrical Mfg. Co. (& Service) ("Multi"), 703 Fulton, Chicago, Ill.
National Metal Molding Co. ("National" Solid), 1110 Fulton bldg, Pittsburgh, Pa.
Newgard Henry & Co. ("Newgard"), 947 Wash'n blvd, Chicago, Ill.
Nottingham Wm., N 204 W Brighton, Syracuse, N. Y.
Ostrander W. R. & Co., 371 B'way, New York
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
Renim Specialty Co. ("Renim" for Use with Flexible Metallic & Non-Metallic Conduit, etc), Brighton, Boston, Mass.
Rice Geo. H. Co. ("Hol-Ken"), 431 E. 23d, New York
Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.
Tanner Wm. F. & Co. (Steel, 511 S. Sharp, Baltimore, Md.
Taylor & Boggis Foundry Co., Cleveland, O.
Thomas & Betts Co, 63 Vesey, New York
Toledo Metal Products Co., Spitzer bldg, Toledo, Ohio
Trumbull Elec. Mfg. Co., Plainville, Conn.
V. V. Fittings Co. (Push Buttons, etc), 1906 N 6th, Philadelphia, Pa.
Waterbury Button Corp., 831 South Main, Waterbury, Conn. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

1286a— *Boxes (Syringe)

BOGERT & HOPPER, INC. (Wooden), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1287— Boxes (Tackle)

Merriam Mfg. Co. ("Johnson," Trayless), Durham, Conn.
Standard Stamping Co., Huntington, W. Va.
Wright Bros. Paper Box Co., Fond du Lac, Wis.

1288— Boxes (Take Up)

Chain Belt Co., Milwaukee, Wis.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dow Wire & Iron Works, Louisville, Ky.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., W. 65th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Strait H. N. Mfg. Co., Kansas City, Kan.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.

1288a—Boxes (Talcum Powder)

Du Pont E. I. de Nemours & Co., Inc. Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.

1289— *Boxes (Taper, Steel)

OHIO MFG. CO., P. O. Box 136 Painesville, O. *See adv index at end of book*

Boxes (Telephone)

See Telephone Cabinet Work

1290—Boxes (Telephone Toll)

King Lock Co., 319 W Ohio, Chicago, Ill.

1291-2-3-4—*Boxes (Ticket Cancelling)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

1295— Boxes (Tobacco)

Cheshire J. & Son, Martinsville, Va.
Runyon Bros., Eaton, O.
Troy Box & Lumber Co., Dept. H, Troy, N. Y.
Vance E. J. Box Co., Ltd., Bay City, Mich.
Wolfram H. A. Inc., 16H 21st, Watervliet, N. Y.

1295a— Boxes (Tool)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Buhrke R. H. Co. (Portable & Metal), 1250H Fullerton av, Chicago, Ill.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Mullins Body Corp., Dept. H, Salem, Ohio
Spence H. M. (Sheet Iron), Parkersburg, W. Va.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1296—Boxes (Tool, Motorcycle)

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
McKinney Jas. & Son, Albany, N. Y.

1297— Boxes (Tool, Steel)

See also Steel Factory Equipment
ASSOCIATED WELL SUPPLY CO., INC., 111 Broad, New York *See adv index at end of book*
Berks Engineering Co. (Trays), Reading, Pa.

BOXES (TOOL, STEEL)—continued

Canton Art Metal Co., Canton, O.
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
Ohio Mfg. Co., P. O. Box 136, Painesville, O. *See adv index at end of book*
Youngstown Pressed Steel Co., Warren, Ohio *See adv index at end of book*

1298—Boxes (Tote, Sheet Steel)

Allsteelequip Co., Aurora, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3rd & Allegheny, Phila., Pa.
Canton Art Metal Co., Canton, O.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Defiance Pressed Steel Co., Defiance, O.
Dexter Metal Mfg. Co, 93 Arch, Camden, N. J.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Fisher & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Gem Stamped Steel Co., Chelsea, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hart & Hutchinson Co. ("H. & H."), Corbin av, New Britain, Conn.
Hauserman E. F. Co., Fenestra bldg, Cleveland, O.
Heller W. C. & Co. (For Dies, Bolts, Nuts, Screws, etc), Montpelier, O.
Heltzel Steel Form & Iron Co., Warren, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O. *See adv index at end of book*
Kirk & Blum Mfg. Co., 2850 Spring Groeve av, Cincinnati, O.
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Kraft A C., 323 W Lake, Chicago, Ill.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Manufacturing Equipment & Engineering Co., Framingham, Mass.
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Smith A. L. Iron Wks., Chelsea, Mass.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.
Wilson Andrew Co., 6616 Essex, Lawrence Mass. *See adv index at end of book*

1298a— Boxes (Trinket)

Du Pont E. I. de Nemours & Co., Inc., Pyralin Div, ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1300— Boxes (Turned Wood)

See also Boxes, Lock Corner; also Wood Novelties, Turned

American Woodworking Co., 19 Warren, New York
BOGERT & HOPPER, INC. (Bluing, Druggists, Face Powder, Pencil, Screw Cover, Tool, Extract, etc), 57 Barclay, New York
See adv index at end of book

ESTABLISHED 1847

E. B. ESTES & SONS

Manufacturers of DRUGGISTS' AND CHEMISTS' TURNED WOODEN BOXES

Plain and Polished Turned Wood Vials & Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty

364 5th Ave. - - - - - - - New York City

Capital Box Factory, Sacramento, Cal.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Forrest City Box Co., Forest City, Arkansas
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Schutz Bros., 152 Chambers, New York
Sheip H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Western Box Co., 326 River, Chicago, Ill.

1301— Boxes (Twine)

Grey Iron Casting Co. (Ball Twine), Mt. Joy, Pa.
Landers, Frary & Clark, New Britain, Conn.
Nicol & Co. ("Nicol's," Hanging, Beehive, etc), 218 N Jefferson, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Williams A. C. Co., Ravenna, O.

1302—Boxes (Valve & Service)

Alabama Pipe & Foundry Co., Anniston, Ala.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Anniston Foundry Co., Anniston, Ala.
Bourbon Copper & Brass Works (Extension Valve Only, etc.), Cincinnati, O.
Bowsher N. P. Co. ("Abbott" Service Stop Box), South Bend, Ind.
Builders' Iron Foundry ("Stacy" Extension Service, "Chadbourne" Service), 9 Codding, Providence, R. I.
Canton Foundry & Machine Co. (Adjustable), Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. ("Buffalo" & "Phoenix" Pattern), 90 West, New York
Clark H. W. Co., Mattoon, Ill.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Cutter Geo. Co. ("Cutter's" Steel Service), South Bend, Ind.
Darling Valve & Mfg. Co. (Ltd.), (Extension Valve), Williamsport, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Flower-Stephens Mfg. Co. (Valve), 107 Parkinson, Detroit, Mich.
Franklin Ry Supply Co., 30 Church, New York
Glenn Mfg. Co., St. Charles, Ill.
Guilderland Foundry Co. ("G. F. Co.," Cast Iron Cut Service Boxes), Guilderland, N. Y.
Hays Mfg. Co., Erie, Pa.
Iowa Valve Co., Oskaloosa, Ia.
Jarecki Mfg. Co. ("Jarecki," "Erie," etc.), Erie, Pa.
Kennedy Valve Mfg. Co. (Extension Valve), Elmira, N. Y.
See adv index at end of book
Ludlow Valve Mfg. Co. (Adjustable Valve), ft. of Adams, Troy, N. Y.
Modern Iron Works ("Buffalo," "Modern," "Quin-See," "M. I. W." Adjustable Service), Quincy, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co. (Valve Only), Troy, N. Y.
S. E. T. Valve & Hydrant Co., 56 Church, New York
See adv index at end of book
Sanitary Co. (Iron Extension), Dept. H, Linfield, Pa.
South Park Fdry. & Mach. Co., St. Paul, Minn.
Standard Foundry Co., Anniston, Ala.
Taylor W. P. Co., Ellicott sq, Buffalo, N Y
Union Foundry Co., Anniston, Ala.
Wood R. D. & Co. (Adjustable), 400 Chestnut, Philadelphia, Pa.

1302a— *Boxes (Veneer)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1303— Boxes (Vent)

Gray Iron Foundry Co. (Cast Iron 6" Square), Reading, Pa.

1304— Boxes (Wagon)

Anderson Co., 2324 University av, St. Paul, Minn.
Herschel R. Mfg. Co., Peoria, Ill.
Pekin Wagon Co., Pekin, Ill.
Peterson Bell & Co., Clinton, Ia.
Standard Mfg. Co. (For Farm Use), Council Bluffs, Ia.
Turnbull Motor Truck & Wagon Co., Defiance, O.

1305— Boxes (Wall)

Brown A. & F. Co., 79 Barclay, New York
Clark W. J. Co., Salem, O.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Ernsdorff John Iron Co. (For Farm Use), Dubuque, Ia.
Hill Clutch Co., W. 65th, Cleveland, O.
Ideal Hanger Co., Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lanz M. Bolt Co. (Steel), 2907H Carson, Pittsburgh, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

Ohio Manufacturing Co., PAINESVILLE, OHIO

P. O. BOX 136

Patented



Sheet Steel Shop, Foundry and Truck Barrels

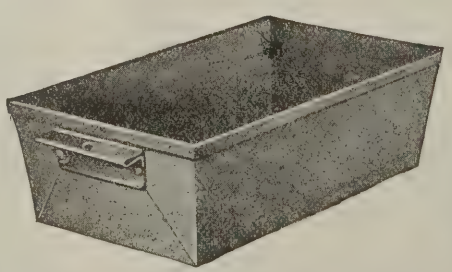
Sheet Steel Tote Boxes Steel Shop Kegs

Annealing Pans Steel Lathe Pans

Adjustable Steel Factory Stools

Steel Barrel Trucks

Steel Factory Equipment



Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Stolz, Jos. & Son, Inc., 841 E 136th, New York
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

1306— Boxes (Waste)

See also Cans, Waste

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bernstein Mfg. Co., 3rd & Allegheny, Phila., Pa.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co., (Oily Waste, Sheet Metal), 1281 E. 38th, Cleveland, Ohio
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Ely & Williams Co. (Individual), 257 B'way, New York
Koven L. O. & Bro. (Iron), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

1307— *Boxes (Watch)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

1308—Boxes (Weigh, for Coal Tipples)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

1309— Boxes (Wire Bound)

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Andrews O. B. Co., Chattanooga, Tenn.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Cincinnati Wire Bound Box Co., Carthage Pike & Big 4 R. R. St. B., Cincinnati, O.
Conneaut Can Co. ("Conneaut"), Conneaut, O.
Defiance Box Co., Defiance, O.
Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.
Dietz Fred Co., 1102 Madison av, Indianapolis, Ind.
Emby Box Co., Louisville, Ky.
Indianapolis Wire Bound Box Co., 1300 Bucher, Indianapolis, Ind.
Plymouth Mfg. Co. ("Fassmacht" Sectional Packing), Plymouth, Ind.
Richards Shook Corp., 23 W 44th, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Southern Box & Lumber Co., Savannah, Ga.
Sterling Wire Box Co., 366 So Senate av, Indianapolis, Ind.
Woodstock Mfg. Co., Charleston, S. C.

1309a— Boxes (Wood)

Anderson Box & Basket Co. (Lanudry Shipping), Henderson, Ky.
Andrews O. B. Co., Chattanooga, Tenn.
Annett Box Co. ("Antex" Butter, Date, etc.), East Jaffrey, N. H.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Buhrke R. H. Co. (For Instruments, Meters, etc.), 1250H Fullerton av, Chicago, Ill.
Churchill Cabinet Co., 2119 Churchill, Chicago, Ill.
Davis Henry D. Lumber Co., Northwest Bank bldg, Portland, Ore.
Earle J. M. Lbr Co., 1159 Wabash, Detroit, Mich.
Estes E. B. & Sons (Polished, Hinge Cover, Microscope Slide, Screw Cover & Nested), 364 5th av, New York
See adv index at end of book
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Friedlander Box Co. (New & Second), 1300 W Lake, Chicago, Ill.
Goodwillie D. M. Co., 22nd & Racine av, Chicago, Ill.
Kugler Geo. W. & Sons, Co., 921H New Market, Phila., Pa.
Lea Lumber Co., Richmond, Va.
MERCANTILE BOX CO., 318 Market, San Francisco, Cal.
Norman Lumber Co., Louisville, Ky.
Planters Mfg. Co., Portsmouth, Va.
Richards Shook Corp., 23 W 44th, New York
Standard Cabinet Mfg Co., Peru, Ind.
Stanley & Patterson, 23 Murray, New York
Thomas T. R. (Tap & Die), Dept. H, Bristol, Vt.
Troy Box & Lumber Co., Dept. H, Troy, N. Y.
Union Hdwe Co., Torrington, Conn.
Vt. Box Co. (Tap or Die), Dept. H, Bristol, Vt.
West F. M. Box Co., Springfield, Mass.



Established 1847 **E. B. ESTES & SONS**
Manufacturers of Lock Cornered Eastern White Pine and Basswood
PACKING AND MAILING BOXES
Also Finished Hardwood Boxes - Fine Printing a Specialty
364 5th Ave. - - New York City



West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Woodstock Mfg. Co., Charleston, S. C.

1309b— Boxes (Wooden Packing)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Fidelity Can Co., 600-610 Scawline, Baltimore, Md.
Woodstock Mfg. Co., Charleston, S. C.

1310— Boxes (Zinc)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
National Tank & Pipe Co., Kenston Sta., Portland, Ore.
See adv index at end of book
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.

1311—Boxes & Cans (Litho Metal)

See also Cans, Tin

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Stopper Co., 19 Verona, Brooklyn, N. Y.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Buckeye Stamping Co., Columbus, O.
Burdick & Son, Albany, N. Y.
Burrows Metal Mfg. Co., 521 W 23rd. New York
Clark J. L. Mfg. Co., Rockford, Ill.
Clarke Can Co., 12th & Fitzwater, Phila., Pa.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2nd, St. Louis, Mo.
Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
Conneaut Can Co., Conneaut, O.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Heekin Can Co., 6th, New & Culvert, Cincinnati, O.
Hudson H. L. Co., 56 Pearl, Brooklyn, N. Y.
Johnson-Morse Can Co., Wheeling, W. Va.
Le Comte & Co., Wolcott, Brooklyn, N. Y.
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book
Metal Package Corp. of N. Y., 346 Carroll, Brooklyn, N. Y.
National Can Co., Detroit, Mich.
New Can Co., 326 A, Boston, Mass.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Passaic Metal Ware Co., Passaic, N. J.
Peoria Can Co. (Combination Bread & Cake, Round Sugar Boxes, Flour, etc.), Peoria, Ill.
REPUBLIC METALWARE CO., Buffalo, N. Y.
Republic Structural Iron Wks. Division, 1350H, E 53rd, Cleveland, O.
Ritter P. J. Conserve Co., 2156 E. Dauphin, Phila., Pa.
Southern Can Co. (Cans Only), 717 S Wolfe, Baltimore, Md.
St. Louis Paper Can & Tube Corp'n., St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., (Boxes Only), 217 S 6th, St. Louis, Mo.
Stuber & Kuck Co., Peoria, Ill.
Threthaway Bros., Parsons, Pa.
Tin Decorating Co., Boston & Linwood av, Baltimore, Md.
Towle F. S. Co., 332 B'way, New York
U. S. Can Co., Norwood, Cincinnati, O.
Wheeling Can Co., Wheeling, W. Va.

1312— Braces (Back)

Lanz, M. Bolt Co. (For Telephone Poles), 2907H Carson, Pittsburgh, Pa.

Braces (Corner)

See Irons & Braces (Corner)

1313— Braces (Cross Arm)

See also Cross Arms, Brackets, etc., Steel

Aetna Nut Co., Southington, Conn.
Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Bissell F. Co. ("Security"), Toledo, O.
Buffalo Steel Co. (Stiff Bessemer Steel), Tonawanda, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Galvanized Products Co., Phillipsburg, N. J.
Grabler Mfg. Co., Cleveland, O.
Hallett Iron Works (Angle Iron), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kortick Falls Mfg. Co., 335 1st, San Francisco, Cal.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Line Material Co. (Galvanized), So Milwaukee, Wis.
Meckel Fred L., 11 E 13th, Chicago, Ill.
New England Bolt Co., Inc., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
St. Louis Screw Co., Clarence-Bulwer avs, St. Louis, Mo.
Solano Iron Works, Benicia, Cal.
Stolz, Jos. & Son, Inc., 841 E 136th, New York
Valley Forging Co., Verona, Pa.
Wrought Washer Mfg. Co., Milwaukee, Wis.

1314—Braces (Hand or Stair Rail)

Auer John, Jr. (Wrought), 199 Middletown, Brooklyn, N. Y.
Highton Wm. & Sons Co., Nashua, N. H.

1315— Braces (Partition)

Auer John, Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.

1316— Braces (Rail)

See also Bars, Splice

Ajax Forge Co., 2503 Blue Island av, Chicago, Ill.
American Frog & Switch Co., Hamilton, O.
See adv index at end of book
American Guard Rail Fastener Co. (Pressed Steel & Malleable Iron), Real Estate Trust bldg, Phila., Pa.
Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co. ("Acme"), So Bethlehem, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book
Cincinnati Frog & Switch Co., Cincinnati, O.
See adv index at end of book

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
Elliott Frog & Switch Co., 301 So Main, East St. Louis, Ill.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, Ohio
See adv index at end of book
Frog Switch & Mfg. Co. (Pressed Steel), Carlisle, Pa.
Indianapolis Switch & Frog Co., Springfield, O.
Industrial Supply & Equipment Co. (Girder & Tee Rail), 407 Sansom, Phila., Pa.
Kilby Frog & Switch Co., Birmingham, Ala.
Morden Frog & Crossing Works (Die Formed Steel), 208 S La Salle, Chicago, Ill.
National Malleable Castings Co., 7706 Platt, S E. Cleveland, O.
Nelson Iron Works, 45 Spokane av, Seattle, Wash.
New Era Mfg. Co. (Tie Plate, Rail Clamps & Rail Brace Anti-Creeper Combined), Kalamazoo, Mich.
New York Switch & Crossing Co., Hoboken, N. J.
Pettibone, Mulliken & Co. ("Akins" Forged Steel), 140 S Dearborn, Chicago, Ill.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Q. & C. Co. (Mall. Iron & Pressed Steel), 90 West, New York
Rail Joint Co., 61 B'way, New York
Ramapo Iron Works, Hilburn, N. Y.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Signal Accessories Corp. ("Welday"), Utica, N. Y.

BRACES (RAIL)—continued
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Track Specialties Co., 20 B'way, New York
Tredegar Co. (Fish Plates), ft. of 5th, Richmond, Va.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Spring & Mfg. Co. (Pressed Steel), New Kensington, Pa.
UNION SWITCH & SIGNAL CO. THE, Swissvale, Pa.
WEIR FROG CO., Foreign Dept., 43 Cedar, New York
Weir Frog Co., Cincinnati, O.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

1317— Braces (Rudder)

Malleable Iron Fittings Co. ("M. I. F. Co." Strap & Screw), Branford, Conn.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Reed Geo. A. & Son, Gloucester, Mass.
Wilcox, Crittenden & Co., Inc. (Galvanized & Brass), Middletown, Conn.
See adv index at end of book

1318— Braces (Screen Door)

Automatic Door Catch Co. ("Little Giant"), Harvey, Ill.
Champion Hardware Co. ("Champion"), Geneva, Ohio
Grey Iron Casting Co., Mt. Joy, Pa.
Line Material Co., South Milwaukee, Wis.
National Mfg. Co. (Turn-Buckle), Sterling, Ill.
Snyder F. Edw. ("Anti-Sag"), Massillon, O.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.
Watrous, Acme Mfg. Co., Des Moines, Ia.

1319-20—Braces (Show Case Corner)

Rector & Hardware Specialty Mfg. Co. (Wrought Steel, Glass, etc.) 22d & Western av, Chicago, Ill.

1321—Braces (Table Leg & Ladder)

Weber-Knapp Co., Jamestown, N. Y.

1322—Braces (Telegraph Pole)

American Shovel & Stamping Co., Lorain, O.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.

1323—Braces (Trench or Sewer)

Channon James H. Mfg. Co. ("Union" Fitting All Iron), 277H W Erie, Chicago, Ill.
Dixon Chas. E. & Son, 3027 Liberty av, Pittsburgh, Pa.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Duff Mfg. Co., N. S., Pittsburgh, Pa.
Kalamazoo Foundry & Machine Co. (Extensible Trench), 586 E. Main, Kalamazoo, Mich.
Sybilla Elevator & Machine Co., 214 W Ontario, Chicago, Ill.
Waldo Bros. & Bond Co. ("Safety"), 181 Congress, Boston, Mass.

1324— Brackets (Arc Lamp)

Cutter Geo. Co. (Ornamental Iron), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallett Iron Works ("Hallett"), Harvey, Ill.
Line Material Co., So Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mott J. L. Iron Works, Trenton, N. J.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1324a— *Brackets (Axe)

Laughlin Thos. Co., Portland, Ore.
See adv index at end of book

1325— Brackets (Bird Cage)

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

1326—Brackets (Blind Roller)

Grey Iron Casting Co. (For Inside & Outside Blinds), Mt. Joy, Pa.

Brackets (Corner or Screen Door)

See Braces, Screen Door

Brackets, Cross-Arms, Etc.

See Brackets, Trolley Pole; also Cross-Arms, Brackets, Etc.

1327—Brackets (Curtain Pole)

Bay State Stamping Co. ("Bennett" Adjustable), 380 Chandler, Worcester, Mass. *See adv index at end of book*
Judd H. L. Co., 87 Chambers, New York
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

1328—Brackets (Desk Telephone)

Alliance Specialty Mfg. Co., Lakewood, O.
American Electric Co. ("Burns," "Economy," "E-Z"), 6401 E State, Chicago, Ill.
Benbow Co., 604 Arch, Phila., Pa.
Brass Fixtures Co., Southington, Conn.
Connecticut Tel. & Electric Co., Meriden, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Eureka Blotter Bath Co. ("Eureka" Extension), 3732 S Wallace, Chicago, Ill.
Fox-Borden Mfg. Co. ("Phone-Eze"), P. O. Box 103, Station A, Hartford, Conn.
Galesburg Writing Machine Co. ("Adjustaphone"), Galesburg, Ill.
Goodline Mfg. Co., Kent, O.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Hunt C. Howard Pen Co. ("Equipoise," "Ad-a-Link"), Camden, N. J.
K. & B. Co. ("Projector" "As-you-like-it-Phonopoise"), 497 N. 3rd, Phila., Pa.
Lee Electric Co. ("Davis," "Calvet," Adjustable), 219 N Calvert, Baltimore, Md.
McLeon-Ward & Co. ("Ward"), 27 430 11th av, New York
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Novelty Electric Co., 50 N 4th, Phila., Pa.
Paragon Electric Co. (Jobbers), 329 E 5th, New York
Scofield & Co., 30 Beekman, New York
Skelley Bracket Co., 1265 W 2d, Cleveland, O.
Stanley & Patterson ("Victor" "Imperial"), 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Warner Electric Co. (Oxodized Finished), Muncie, Ind.
Western Electric Co., 463 West, New York.

1329—Brackets (Electric House)

Brady Electric Mfg. Co., New Britain, Conn.
Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. ("Peirce"), 63d & Butler, Pittsburgh, Pa.
Morris Elmer P. Iron Works, 136 Liberty, New York

1330—Brackets (Electric Lamp)

Herwig Art Shade & Lamp Co. (Adjustable), 2140 N Halsted, Chicago, Ill.
See adv index at end of book
McCrosky Reamer Co. ("Searchlight," "Universal"), Meadville, Pa.
National Plastic Relief Co., 330 Main, Cincinnati, O.
Reliable Electric Co. ("Reliable Lite Arm"), 411 S Sangamon, Chicago, Ill.
Wis Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

1331— Brackets (Flag Pole)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Gray Iron Foundry Co. ("Reading," also 3 & 5 Prong), Reading, Pa.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Laughlin Thos. Co., Portland, Maine
Mechanicville Specialty Supply Mfg. Co., Mechanicville, N. Y.
Nicol & Co. ("Columbian"), 218 N Jefferson, Chicago, Ill.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wilcox, Crittenden & Co., Inc. ("Ineeda" Stationary & Adjustable), Middletown, Conn.
See adv index at end of book
Wrightsville Hardware Co., Wrightsville, Pa.

1332—Brackets (Flower Pot)

Grey Iron Casting Co., Mt. Joy, Pa.
Penn Hardware Co., Reading, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Timberlake J. B. & Sons (Gilt Plated Wire), Jackson, Mich.

1333—Brackets (Folding Scaffold)

Berlin Construction Co (Folding Steel Building), Berlin, Conn.
Elite Mfg. Co. ("Reliable"), Ashland, O.
Folding Scaffold Bracket Co. ("Detroit"), 60 W Lafayette av, Detroit, Mich.
Moulton C. W. H. Co., Somerville, Mass.
Richards-Wilcox Mfg. Co. ("R-W 231" Steel Builders'), Aurora, Ill.
Steel Scaffolding Co., Evansville, Ind.
Weber Mfg. Co., West Allis, Wis.

1334—Brackets (Hand & Foot Rail)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Champion Hardware Co. (Hand), Geneva, O.
Cheney S. & Son, Manlius, N. Y.
Chicago Hardware Foundry Co., No Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Dent Hardware Co. (Bar Brackets, for Arm, Foot Rail & Swinging Foot Rail), Fullerton, Pa.
Glenn Fred E. (Counter Rail), St. Charles, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Ives H. B. Co., New Haven, Conn.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Norwalk Lock Co., S Norwalk, Conn.
Penn Hardware Co., Reading, Pa.
Pratt Wm. E. Mfg. Co. (Hand Rail), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

1335—Brackets (Lamp, Carriage & Auto)

Halladay L. P. Co. ("Universal"), Streator, Ill.
Raydex Mfg. Co., Inc., Brackenridge, Pa.
Republic Auto Parts Co. (Ford Cars), 81 Tenth, Long Island City, N. Y.
Seiss Mfg. Co., Toledo, O.

1336—Brackets (Lamp, Kitchen & Bunker)

Arcade Mfg. Co., Freeport, Ill.
Gray Iron Foundry Co. (Cast Iron, Bronze & Gold Finish), Reading, Pa.
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Halladay L. P. Co. ("Universal") Streator, Ill.
Penn Hardware Co., Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Timberlake J. B. & Sons ("Jaxon," Wire for Oil Lamps), Jackson, Mich.
Wrightsville Hardware Co. (Swinging), Wrightsville, Pa.

1336a— Brackets (Pipe)

Gross, Geo., Rockaway Beach, L. I., N. Y.

1337—Brackets (Plumbers', Lavatory, Tank, Etc.)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co., Waterbury, Conn.
Barber Mfg. Co. (Cast Iron Only), Ashtabula, O.
Barnes Mfg. Co., Mansfield, O.
Brey & Krause Mfg. Co., Allentown, Pa.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Glenn Fred E., St. Charles, Ill.
Griffin Mfg. Co., Erie, Pa.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Lalance & Grosjean Mfg. Co. (Plumbers'), 299 B'way, New York
McCambridge Co., 315 N. 20th, Phila., Pa.
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Mechanicville Specialty Supply Mfg. Co. (Expansion Tank), Mechanicville, N.Y.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Norman C. Erwin & Co. (Expansion Tanks), 184 W Kinzie, Chicago, Ill.
Park & McKay, 55 Bagley av, Detroit, Mich.
Shevlin Engng Co., Inc., 108 W 34th, N. Y. City
Tyler Fred A. (Expansion Tank Brackets), Albany, N. Y.
Wolverine Brass Works (Lavatory), Grand Rapids, Mich.

1338— Brackets (Pothead)

Bissell F. Co. ("Security"), Toledo, O.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.

1339— Brackets (Rafter)

Badger Malleable & Mfg. Co., So. Milwaukee, Wis.
Farley & Loetscher Mfg. Co. (Wood), Dubuque, Ia.
Louden Machinery Co., Fairfield, Ia.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Ney V. L. Hay Tool Co., Canton, O.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Steel Scaffolding Co., Evansville, Ind.
Stowell Co., The, So. Milwaukee, Wis.

1340— Brackets (Roof)

EDWARDS MFG. CO., 545-565 **Eggleston** av, Cincinnati, O.
See adv index at end of book
Folding Scaffold Bracket Co., 60 W Lafayette av, Detroit, Mich.
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Henderson A. P. ("Henderson" Self-Locking, Adjustable), Assinippi, Mass.
Moulton C. W. H. Co., Somerville, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Stanley Rule & Level Co., New Britain, Conn.
Steel Scaffolding Co., Evansville, In.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

1341— Brackets (Shelf, Etc.)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Atlas Mfg. Co. ("Bradley's"), New Haven, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Dent Hardware Co., Fullerton, Pa.
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co. (Pressed Steel Folding), Erie, Pa.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
Piqua Bracket Co. ("Piqua" Adjustable), Piqua, O.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co., Sharon, Pa.
STANLEY WORKS (Wrought Steel; Also Folding), New Britain, Conn.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stover Mfg. & Engine Co., Freeport, Ill.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

Brackets (Shingling)

See Brackets, Roof

1342-3— Brackets (Sink)

American Foundry & Mfg. Co. (Adjustable), 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco", Brass, Lavatory, Tank, etc), Waterbury, Conn.
American Scale Co., Kansas City, Mo.
Bignall Co., Medina, N. Y.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (Sink, also Extension Sink, Adjustable), 90 West, New York
Crestline Mfg. Co. (Adjustable), Crestline, O.
Eagle Specialty Mfg. Co. (Steel), Jamestown, N. Y.
Glenn Fred. E., St. Charles, Ill.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
Griffin Mfg. Co. (Lavatory, Sink & Flush Tank, etc), Erie, Pa.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hessler H. E. Co. ("Syracuse" Steel), Syracuse, N. Y.
Kupferle John C. Foundry Co. (Sink), 1st & Wright, St. Louis, Mo.
Mechanicville Specialty Supply Mfg. Co., ("J. R. S.," "Sure Grip for Expansion & Range Tanks), Mechanicsville, N. Y.
Modern Iron Works ("M. I. W." Cast Iron), Quincy, Ill.
Penn Hardware Co., Reading, Pa.
Sanitary Co., Dept. H, Linfield, Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Swett A. L. Iron Works, Medina, N. Y.
Treaty Co., Greenville, O.
Union Foundry Co., Anniston, Ala.
Young Joseph H. Co. ("Boston" Adjustable, Sink & Wash Tray), 82 High, Boston, Mass.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

Brackets (Sinks, Adjustable)

See Brackets, Sink

1344— Brackets (Staging)

Steel Scaffolding Co. (Steel), Evansville, Ind.

Brackets (Stair Rail)

See Braces, Hand & Foot Rail

1345—Brackets (Steel Scaffold)

See also Brackets, Folding Scaffold

American Steel Scaffold Co., 550 Grand River, Detroit, Mich.
Buxton Joseph ("Detroit"), 925 Scotten, Detroit, Mich.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

1346— Brackets (Table)

Mott J. L. Iron Works, Trenton, N. J.

1347—Brackets (Trolley Pole)

See also Cross Arms; also Insulator Pins & Brackets

American Bridge Co. (Steel), 30 Church, New York
Bissell F. Co. (Wood), Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Central Lumber Co. (Wood), Chattanooga, Tenn.
Creaghead Engr. Co. ("Flexible"), 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electric Railway Equip. Co., Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Fletcher Mfg. Co. (Iron), Dayton, O.
Francis Philip S. (Adjustable), 115 N 6th, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallett Iron Works ("Hallett" Universal), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co., So Milwaukee, Wis.
St. Louis Malleable Casting Co., 7700 N Broadway, St. Louis, Mo.
Vulcan Manfg. Co. (High Grade Apartment), 3140 S Canal, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

Brackets (Wall)

See Power Transmitting Machinery

1348— Brackets (Wood)

Bogert & Hopper, Inc. (Curtain Scroll Work), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Curtain, Scroll Work, etc.), 364 5th av, New York.
See adv index at end of book
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gravely B. F. & R. P., Martinsville, Va.
McMillen R. Co., Oshkosh, Wis.
Morgan Co., Oshkosh, Wis
Peirce W. E. & Co., Milford, N. H.
Riggs Cypress Co., Ltd., Patterson, La.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Zimmerman Chas. E., 204 Burnett av, Syracuse, N. Y.

1349— Brad-Sets

Elec. Appliance Mfg. Co. ("Park's" Magnetic), Dept. H, Waterbury, Conn.
Standard Tool Co., 94 Reade, New York
STARRETT L. S. CO. (THE), Athol, Mass
See adv index at end of book
Trosco Mfg. Co., Citizens bldg, Cleveland, Ohio

1350—Brake (Angle & Band Iron)

Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
General Asbestos & Rubber Co., Charleston, S. C.

1350a— Brake Band Lining

Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
Standard Supply & Equipment Co., Cherry & 13th, Philadelphia, Pa.
United Asbestos & Packing Co. ("Durabestos"), 619-629 Washington blvd, Chicago, Ill.

1351—*Brake Banding for Automobiles

Bossert Corporation (The), cor. Linden & West av, Utica, N. Y.
Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.

1352— Brake Beams

American Steel Foundries, McCormick bldg, Chicago, Ill.
Bethlehem Steel Co. (Open-Hearth Steel), South Bethlehem, Pa.
Buffalo Brake Beam Co. ("Vanderbilt"), 32 Nassau, New York
Cambria Steel Co. ("Davis"), Widener bldg, Phila., Pa.
Channon James H. Mfg. Co., 227H W Erie, Chicago, Ill.
Chicago Railway Equipment Co. ("Kewanee," "Diamond," "Creco," "Sterlingworth," "National," "Reliance," Ninety-six," "Drexel" & "Monarch"), 1928 W 46th, Chicago, Ill.
Damascus Brake Beam Co. ("Waycott," "Damascus," "Anglerod"), London rd & Nickel Plate, Cleveland, O.
Davis Brake Beam Co., Johnstown, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Joliet Railway Supply Co. ("All Steel," "Hunton," "L. N," High Speed), Joliet, Ill.
Liberty Steel Products Co., 233 B'way, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

1353— Brake Jaws

Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Western Railway Equipment Co. ("Western"), Central National Bank bldg, St. Louis, Mo.
Western Tool & Forge Co., Brackenridge, Pa.

1354—Brake Lining (Asbestos)

ADVANCE PACKING & SUPPLY CO. (Brakebestos, Ford Sts., etc.), 54 E Lake, Chicago, Ill.
American Asbestos Co. ("Testbestos"), Norristown, Pa.
Asbestos Fibre Spinning Co. ("Fibo"), North Wales, Pa.
Asbestos & Rubber Works of America ("Ajax," "Motorbestos"), 58th & B'way, New York
Asbestos & Rubber Works of N. J. ("Longwear"), Camden, N. J.
Asbestos Textile Co., 233 B'way, New York
BETTES & EBSEN, 152 Chambers, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Cincinnati Rubber Mfg. Co. ("Arno" Band), Cincinnati, O.
Coe & Brown, New Haven, Conn.
DOMINION ASBESTOS & RUBBER CORP ("Griptite"), 154 Nassau, New York
See adv index at end of book
Erbestos Brake Lining Co., 242 N 17th, Phila., Pa.
Essex Rubber Co., Trenton, N. J.
General Asbestos & Rubber Co. ("Garco"), Charleston, S. C.
Horton F. L. Cork Co. ("Elektra"), 36 Whittier, Roxbury, Boston, Mass.
Johns-Manville, Inc. ("Noark"), Madison av & 41st, New York
Keasbey & Mattison Co. ("Ambler Asbestos"), Ambler, Pa.
McIlroy Belting & Hose Co., Hammond, Ind.
MIKESELL BROS. CO., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.
Multibestos Co. ("Multibestos"), Walpole, Mass.
National Leather Belting Co. ("Everlast"), 342 E 38th, New York
Raybestos Co., Bridgeport, Conn.
Rossendale-Reddaway Belting & Hose Co. ("Arabian Brand" Camel Hair & Cotton), Newark, N. J.
Russell Mfg. Co. ("Rusco"), Middletown, Conn.
Scandinavia Belting Co., 106 Reade, New York
Staybestos Mfg. Co. ("S. M. C."), Phila., Pa.
Thermoid Rubber Co. ("Thermoid"), Trenton, N. J.
United & Globe Rubber Co. ("Globe"), Trenton, N. J.
Woven Steel Hose & Rubber Co. ("Blueedge"), Trenton, N. J.

1354a— Brake Lining Filler

Commercial Chemical Co., 212 Essex, Boston, Mass.

1355—Brake Shoe Wheel Truing

Wheel Truing Brake Shoe Co., 219 Tuxedo av, Detroit, Mich.

1356— Brake Shoes

American Abrasive Metals Co. ("Feralun"), 50 Church, New York
American Brake Shoe & Foundry Co. (For Steam & Electric Railways, Locomotive Driving, Steel Back, etc.), 30 Church, New York.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Barbour Stockwell Co. (Electric Railway), Cambridge, Mass.
Barnum-Richardson Co., Lime Rock, Conn.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Cherry Tree Machine Co., Cherry Tree, Pa.
Chester Steel Castings Co., Chester, Pa.
Dyer G. H. Co., Cambridge, Mass.
Janney & Co., Montgomery, Ala.
Lancaster Iron Works ("Lancaster" Safety), Lancaster, Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Mowry Car Wheel Works Co., Cincinnati, O.
Murray Iron Works Co., Burlington, Ia.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.
Parker & Topping Co. ("The Diamond S"), Brainerd, Minn.

BRAKE SHOES—continued

Pittsburgh Brake Shoe Co., Farmers B'k bldg., Pittsburg, Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
Railway Materials Co. (Steel Back), Railway Exchange bldg., Chicago, Ill.
Railway & Mine Supply Co. (Locomotive), McCormick bldg, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
Republic Auto Parts Co. (For Ford Cars), 81 Tenth, Long Island City, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Spear & Miller Co. ("Ideal"), 80 E Jackson blvd, Chicago, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Taylor Electric Truck Co. ("Taylor"), Troy, N. Y.
Waterbury Foundry Co., Waterbury, Conn.
Western Steel Car & Foundry Co. (Grey Iron), Peoples Gas bldg, Chicago, Ill.
Wheel Truing Brake Shoe Co. (Wheel Grinders), 219 Tuxedo av, Detroit, Mich.

1357—Brake Shoes (Automobile)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg., Wilmington, Del.
Continental Fibre Co. (Fibre), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Fibre), Bridgeport, Pa.
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

1358— Brakes (Air)

Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
GENERAL ELECTRIC CO. (Electric) Schenectady, N. Y.
See adv index at end of book
National Brake & Electric Co. ("National" Electric), ft Belleview pl., Milwaukee, Wis.
New York Air Brake Co., 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

1359—*Brakes (Air, Electric Car)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1360—*Brakes (Air, Electric Locomotive)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1361— Brakes (Automobile)

Clark Edward S., Boston, Mass.
Columbia Machine Works & Malleable Iron Co. ("Columbia" For Maximum Traction Trucks), Atlantic av & Chestnut, Brooklyn, N. Y.
Cork Insert Co., 164 Federal, Boston, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hartford Edward V. (Electric), 141 Morgan, Jersey City, N. J.
Kaybestos Co. ("Duplex"), Bridgeport, Conn.
Raybestos Co. ("Duplex"), Bridgeport, Conn.

Brakes (Car)

See Brakes, Electric Car

1362— Brakes (Coaster)

Buffalo Metal Goods Co. ("Atherton"), 196 Winchester av, Buffalo, N. Y.
Corbin Screw Corporation "(Corbin Duplex"), New Britain, Conn.
Eclipse Machine Co. ("Morrow"), 18th, Elmira, N. Y.
Hurck Indian Motor Co., 109 N 12th, St. Louis, Mo.
Miami Cycle & Mfg. Co. ("Musselman" Automatic for Bicycles & Motor Cycles), Middletown, O.
NEW DEPARTURE MFG. CO. ("New Departure"), Bristol, Conn.
See adv index at end of book

1363— Brakes (Disc)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

1364— Brakes (Electric Car)

Ackley Brake & Supply Corp., 50 Church, New York
Allis-Chalmers Mfg. Co. ("Christensen"), Milwaukee, Wis.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia" for Maximum Traction Trucks), Atlantic av & Chestnut, Brooklyn, New York
McGuire-Cummings Mfg. Co. ("Elastic"), Harris Trust & Savings bldg, Chicago, Ill.
National Brake Co. ("Peacock," "Ackley," Adjustable), Ellicott sq, Buffalo, N. Y.
National Brake & Electric Co. ("National" Air), ft Belleview pl, Milwaukee, Wis.
National Car Coupler Co. ("Hinson"), Attica, Ind.
New York Air Brake Co., 165 B'way, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Taylor Electric Truck Co., Troy, N. Y.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1365—*Brakes (Electric Crane)

See also Brakes, Electric Motor
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1366—*Brakes (Electric Magnetic)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

1367—*Brakes (Electric Motor)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1368—*Brakes (Electro Pneumatic)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

Brakes (Flax)

See Tow Mill Machinery

1369— Brakes (Locomotive)

American Brake Co., 1932 N B'way, St. Louis, Mo.
New York Air Brake Co. (Also Tender, Driver, Freight & Passenger Car), 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO. (Also for Pasenger & Freight Cars), Pittsburgh, Pa.

1370—*Brakes (Magnetic Friction)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

Brakes (Motor Cycle)

See Brakes, Coaster

1371— Brakes (Rail)

Miller Supply Co. (Friction for Dropping Railroad Cars Under Coal Chutes, etc), Huntington, W. Va.

1372— *Brakes (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
General Electric Co., Schenectady, N. Y.
See adv index at end of book

1373— Brakes (Vacuum)

New York Air Brake Co. (& Vacuum Automatic), 165 B'way, New York

1374— Brakes (Wagon)

Akron-Selle Co., Akron, O.
Eberhard Mfg. Co., C & P. Ry & Tennyson rd, Cleveland, O.
Ferrell Brake & Mfg. Co., Cassius av, S E, Cleveland, O.
Newton W. H. & Son, Cortland, N. Y.

1374a—*Brands (Auto Tire)

Dill Mfg. Co., 684 E 82nd, Cleveland, O.

1375— Brass Altar Rails

See also Bronze, Architectural
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Cincinnati Mfg. Co., Cincinnati, O.
COLUMBUS BRASS Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Feeley W. J. Co., 169 Angell, Providence, R. I.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1375a—*Brass (Block Cutters)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1375b— *Brass (Cartridge)

Baltimore Tube Co., Baltimore, Md.

1376— Brass (Embossed)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Haugh W. S., Jr., Co. 61 Peck, Providence, R. I.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1377— *Brass (Engravers')

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1378—*Brass Fireplace Goods

See also Fireplace Furnishings
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Brass Founders

See Firms in Machinists & Founders Marked Thus: §. Also a Selected List under Castings, Brass

Brass Founders' Supplies

See Foundry Facings & Supplies

1378a— *Brass Forgings

Am. Brass Products Co., Pottstown, Pa.
Charleston Iron Works, Charleston, S. C.

1379— *Brass (Glass Binding)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1379a— *Brass Parts

WATERBURY MFG. CO., Waterbury, Conn.

Brass Sheet

See Copper & Brass Sheet

1380— *Brass (Sign)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1380a— *Brass Specialties

Detroit Brass & Malleable Works (For Steam Water & Gas), 1177H Holden, Detroit, Mich.
GEUDER, PAESCHKE & FREY CO. (to order), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Schlangen Bros. Co., 2435 Irving Park blvd, Chicago, Ill.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

1381— *Brass (Spinning)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

Brass Tubing

See Tubing Brass & Copper

1382— Brass (White)

Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons"), Beach & Fall, Phila., Pa.
New Era Mfg. Co., Kalamazoo, Mich.

1383—Brass & Bronze (Hoop)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.

1384—Brass & Bronze (Spring)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Midwest Brass & Copper Co., Inc., 480 Broome, New York
See adv index at end of book
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1385—Brass & Bronze (Strip)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
BALTIMORE TUBE CO., Baltimore, Md.
Bridgeport Rolling Mills, Inc., Bridgeport, Conn.

Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
MIDWEST BRASS & COPPER CO., INC., 480 Broome, New York
See adv index at end of book
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1386—Brass & Copper Angles, Channels, Etc.

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
American Brass Co., Waterbury, Conn.
Bridgeport Brass Co. (Brass Angles Only), Dept. H, Bridgeport, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Conklin T. E. & Co., 61 Duane, New York
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Detroit Copper & Brass Rolling Mills, Clark av, Wabash R. R., Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Kawneer Mfg. Co., Niles, Mich.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Michigan Copper & Brass Co., 1611 W. Jefferson av, Detroit, Mich.
New Jersey Tube Co., Harrison, N. J.
Randolph-Clowes Co. (Plain Drawn), Waterbury, Conn.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
Trumbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa. *See adv index at end of book*
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Whitehead Metal Products Co., 67 Washington North, Boston, Mass.
See adv index at end of book

1386a—Brass Work (Structural)

Acme Fancy Wire Wks. (& Bronze), Dept. H, Canfield & Moran, Detroit, Mich.
Columbus Brass Co., 38 Dublin av, Columbus, Ohio *See adv index at end of book*
Liberty Brass Works, 557 Quincy, Chicago, Ill.
McKenna Brass & Mfg. Co., 1st av, & Ross, Pittsburgh, Pa.
Porkorvey B. W. & Co., 132 S Clinton, Chicago, Ill.

1387—Brasses (Car & Engine)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Chicago Journal Bearing Co. (High Grade), 519 W Vanburen, Chicago, Ill.
Continental Car Co. of America, Louisville, Ky.
Damascus Bronze Co. ("Damascus" Rolling Mill, Railroads & Electric Railways, etc.), N. S., Pittsburgh, Pa.
Dixie Brass & Foundry Co., Birmingham, Ala.
Duluth Brass Works Co., Duluth, Minn.
Eagle Brass Foundry Co., Seattle, Wash.
Edna Brass Mfg. Co. (For Steam or Electric), Cincinnati, O.
Eureka Brass Co. (Lagging Car), 601 Red Bud av. St. Louis, Mo.
Gilb V. & Son, Birmingham, Ala.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl, St. Louis, Mo.
Great Lakes Brass Foundry, Bay City, Mich.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hodgkins J. F. Co., Gardiner, Me.
Janney & Co., Montgomery, Ala.
JOHNSON BRONZE CO., New Castle, Pa.
Keystone Bronze Co. (High Grade), 39th & A. V. R. R., Pittsburgh, Pa.
Magnus Metal Co., 80 E. Jackson blvd, Chicago, Ill.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1387a—*Brazilian Aquamarines, Tourmalines & Rough Diamonds

DIAMOND DRILL CARBON CO., 59 Park row, New York

1387b— *Brazilian Ballas

DIAMOND DRILL CARBON CO., 59 Park row, New York

Brazing Apparatus

See Blow Pipes & Brazing Apparatus

1388— Brazing (Cast Iron)

American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
Boston Brazing Co., 465 Atlantic av, Boston, Mass.
Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
Ferrofix Brazing & Machine Works, Seattle, Wash.
Metals Welding Plant (Steel Products Co.), 4400 Perkins av, Cleveland, O.
Pacific Welding & Brazing Co., 503 Van Ness av, San Francisco, Cal.
Pittsburgh Reinforced Brazing & Machine Co., 2515 Liberty, Pittsburgh, Pa.
San Francisco Brazing & Welding Wks, 575 Howard, San Francisco, Cal.
Standard Brazing Co., 43 Bromfield, Boston, Mass.
Troy Cast Iron Brazing Co., Troy, N. Y.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

1389—Breakers (Casting or Scrap)

Curtis & Co. Mfg. Co. (Compressed Air), 1502 Kienlen av, St. Louis, Mo.
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

1390— Breakers (Circuit)

Anderson Albert & J. M. Mfg. Co., 289a Boston, Mass.
Automatic Re-Closing Circuit Breaker Co., Dept. H, 6th & Wesley, Columbus, Ohio
Bowie Switch Co., 14 Montgomery, San Francisco, Cal.
Condit Electrical Mfg. Co. ("Condit" Carbon Break & Oil Break), 1st & L, Boston, Mass.
Cutter Electrical & Mfg. Co. ("Dalite," "I. T. E."), 19th & Hamilton, Phila., Pa.
Decatur Pump & Mfg. Co. (Gasoline Engine Ignition), Decatur, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hartman Electrical Mfg. Co. (Automatic), Mansfield, O.
Janette Mfg. Co., 617 W Jackson blvd, Chicago, Ill.
Kelman Elec. & Mfg. Co., 1650H Naud, Los Angeles, Cal.
Line Material Co., South Milwaukee, Wis.
Marsh & Lippincott, 47 Kearny, San Francisco, Cal.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Palmer Electric & Mfg. Co. (Automatic Reverse Phase), 60 K, Boston, Mass.
Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
Roller-Smith Co., 233 Broadway, New York
Sangamo Electric Co., Springfield, Ill.
Sundh Electric Co. ("Sundh"), Parkwist, Newark, N. J.
Ward Leonard Elec. Co., Mount Vernon, N. Y.
Westburg Engng. Co., 53 W. Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. (Alternating & Direct Current), East Pittsburgh, Pa.
See adv index at end of book

1391— Breakers (Ice)

Allman Gas Engine & Machine Co. ("Champion" Power), 461 Canal, New York
Am. Knife Co., Baldwinsville, N. Y.
Blakeslee G. S, & Co. ("Little Giant," "Rheinhold" Choppers, Power), W. 19th & S. 52nd av, Chicago, Ill.
Bohn Refrigerator Co. ("The Bohn" Ice Cracker), 1340 Universal av, St. Paul, Minn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Columbus Handle & Tool Co., Columbus, Ind.
Cochrane H. S. B. W. Corp. ("Creasey" Power), 3147 N 17th, Phila., Pa.
Dilg Mfg. & Trading Co. ("Champion"), 27 E. 125th, New York
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O.
See adv index at end of book
NICHOLS BROS. ("Nichols Bros"), (Hand), Greenfield, Mass.
North Bros. Mfg. Co. ("New Rapid" Hand & Power), Lehigh av & American, Phila., Pa.
Schmidt B. L. Co. ("Little Giant" Hand & Power), Davenport, Ia.
Schwenker W. M., 342 E 92d, New York
Stortz John & Son (Hand), 210 Vine, Phila., Pa.

1392—*Breakers (Magnetic Re-Set Circuit)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1393— Breakers (Pig Iron)

Brown Hoisting Machinery Co., 4403 St. Clair, N. E, Cleveland, O.

1394— Breakers (Staybolt)

See also Pneumatic Staybolt Breakers
Williams, White & Co. ("Lowe" for Boiler Shops), Moline, Ill.

Breakers (Stone)

See Crushers, Rock & Ore

1395— Breakers (Tailing)

Atlanta Utility Works, East Point, Ga.

1396— Breakers (Vacuum)

SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa. *See adv index at end of book*

1397— *Breakers & Cleaners (Coal)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

1398-9— Breechings (Boiler)

Coatesville Boiler Works, 30 Church, New York
Codd E. J. Co., 700 Scawline, Baltimore, Md.
CONNERY & CO., INC., 400 N 2nd, Phila., Pa. *See adv index at end of book*
Dover Boiler Wks., 50 Church, New York
See adv index at end of book
Downey T. F. Boiler Wks., 2600 W Grand av, Chicago, Ill.
Farrar & Thefts, Buffalo, N. Y.
See adv index at end of book
Granger A. D. Co., 15 Park row, New York
HELTZEL STEEL FORM & IRON CO., THE (& Furnace), Warren, O.
Lebanon Boiler Works, Lebanon, Pa.
Lookout Boiler & Mfg. Co., Chattanooga, Tenn.
McNamara Bros. Co., Westport, Baltimore, Md.
Muskegon Boiler Wks., Muskegon, Mich.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Standard Tank Co., 15 Park row, New York
Tippett & Wood, Phillipsburg, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

1400-1—Brick (Acid Proof)

See also Stoneware, Chemical

Belden Brick Co., Canton, O.
Big Savage Fire Brick Co., Frostburg, Md.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Chicago Fire Brick Co. (Chemical Works, etc.), 133 W Washington, Chicago, Ill.
See adv index at end of book
Denny-Renton Clay & Coal Co. (For Chemical Works), Seattle, Wash.
Didier-March Co. (For Chemical Works), Perth Amboy, N. J.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Hocking Valley Fire Clay Co., Nelsonville, Ohio
Hood B. Mifflin, Atlanta, Ga.
Knight, Maurice A., Akron, O.
Laclede-Christy Clay Products Co., Ry Exchange bldg, St. Louis, Mo.
Ostrander Fire Brick Co., Troy, N. Y.
Stanley Rule & Level Plant (Bit & Square, Iron, Wood, Pocket, etc.), New Britain, Conn.

1402-3-4—Brick (Annealing Furnace)

Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.

Brick (Ashlar)

See Architectural Faience

1405— Brick (Blast Furnace)

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Bickford Fire Brick Co., Curwensville, Pa.
Big Savage Fire Brick Co., Frostburg, Md.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co. (Linings, Clay Refractories), Curwensville, Pa.
See adv index at end of book
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Golden Fire Brick Co., Denver, Col.
Hall & Sons, Buffalo, N. Y.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Hausfeld Co., Harrison, O.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Johnetta Brick Co., 1203H Chamber of Commerce bldg, Pittsburgh, Pa.
Niles Fire Brick Co., Niles, O.
Pennsylvania Fire-Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, O.
Rust Engineering Co., 1901 5th av., Pittsburgh, Pa.
Standard Fire Brick Co., Pueblo, Col.
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, Ohio
United Fire Brick Co., Uniontown, Pa.
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1406—Brick (Boiler Arch & Setting)

American Arch Co. (Locomotive Brick Arches), 30 Church, New York
American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Boland John V. Construction Co., Chemical bldg, St. Louis, Mo.
Brighton Fire Brick Co., New Brighton, Pa.
Cherry Chemical Co. (Boiler Setting), 1018 Callowhill, Phila., Pa.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Daly, M. J. & Sons ("Daly Patent"), Waterbury, Conn.
Detrick M. H. Co., 549 W Washington, Chicago, Ill.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Golden Fire Brick Co., Denver, Colo.
Hall & Sons, Buffalo, N. Y.
Harbison-Walker Refractories Co. (For all Makes of Boilers), Farmers' Bank bldg, Pittsburgh, Pa.
Johnetta Brick Co., 1203H Chamber of Commerce bldg., Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Lamprey Co., 283 Elm, Westfield, Mass.
Liptak Fire Brick Arch Co., 846 Builders' Exchange bldg., Minneapolis, Minn.
McLeod & Henry Co. (Fire Brick, "Steel Mixture"), 360 1st, Troy, N. Y.
Maurer Henry & Son, 420 E 23d, New York
Missouri Fire Brick Co. (Stoker Arch, Baffle & Bridgewall), Security bldg., St. Louis, Mo.
Monarch Boiler Arch Co., 220 Oregon, Milwaukee, Wis.
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Niles Fire Brick Co., Niles, O.
Presbrey Stove Lining Co., Taunton, Mass.
Rust Engineering Co., 1901H 5th av., Pittsburgh, Pa.
Sayre & Fisher Co., 261 B'way, New York
Steel Tank & Products Corp., 10 W Illinois, Chicago, Ill.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
Warwick Constn Co., 1048 W. Harrison, Chicago, Ill.

1407-8-9— Brick (Brick Kiln)

Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.

1410— Brick (Cement)

Botfield Specialties Mfg. Co. (Fire Brick), Swann & Clyrner, Phila., Pa.
Harper Brick Co., Harrison, N. J.
White Marble Lime Co., Manistique, Mich.

1411-2—Brick (Cement Kiln)

American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Bickford Fire Brick Co., Curwensville, Pa.
Brighton Fire Brick Co., New Brighton, Pa.
Chicago Fire Brick Co. (Rotary), 133 W. Washington, Chicago, Ill.
See adv index at end of book
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Maurer Henry & Son, 420 E 23d, New York
Portsmouth Refractories Co., Portsmouth, O.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1413— Brick (Chrome)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Catlin R. H. Co., Wilmington, Del.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 1512 Chestnut, Phila., Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Mt. Union Refractories Co., Mt. Union, Pa.
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, O.

1414-5—Brick (Coke Oven)

American Fire Brick Co., Spokane, Wash.
American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Brighton Fire Brick Co., New Brighton, Pa.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Harbison-Walker Refractories Co. (Beehive, Long or Belgian Type, etc), Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Niles Fire Brick Co., Niles, O.
Pennsylvania Fire-Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, O.
Standard Refractories Co., Claysburg, Pa.

1416-9—Brick (Common)

See also Brick, Enameled; Brick, Fire; Brick, Front; Brick, Vitrified Paving; Blocks, Hollow Building; Conduits; Fireproof Hollow Brick & Tile; Plumbers' Sanitary Earthenware; Roofing Tile, Terra Cotta; Sewer Pipe Manufacturers; Terra Cotta, Architectural; Tile, Art, etc.

ALABAMA.

BRICKYARD—Bickerstaff Brick Co.
CULLMAN—Schmitt Max
ELBA—Perdue W. B.
GREENVILLE—Terrell W. C.
HOLLYWOOD—Alabama Brick & Tile Co.
HUNTSVILLE—Brandon D. S.
Huntsville Brick Co.
LOVICK—Stephenson L. L.
MONTGOMERY—Excelsior Brick Co.
Jenkins Brick Co.

ARIZONA.

PHOENIX—Fitzsimmons, Thos. E.
PRESCOTT—Fitzsimmons Thos.
TUCSON—Tucson Pressed Brick Co.

ARKANSAS.

FORT SMITH—Carbaugh Brick & Tile Works
HOPE—Hope Brick Works
LITTLE ROCK—Arkansas Brick & Mfg. Co.
MARIANNA—Sutton O. C. & Co.
PARAGOULD—Paragould Brick Co.
PINE BLUFF—Pine Bluff Brick Co.
RECTOR—Rector Brick Co.
TEXARKANA—Stevens A. W.
Texarkana Brick Co.

CALIFORNIA.

BAKERSFIELD—Bakersfield Sandstone Brick Co.
EXETER—S. P. Brick Co.
FORTUNA—Thompson J. & Sons
FRESNO—Craycroft-Herrold Brick Co.
Fresno Brick & Tile Co.
HANFORD—Brown J. F.
IONE—Ione Firebrick Co.
LIVERMORE—Livermore Fire Brick Co.
LONG BEACH—Long Beach Brick Co.
LOS ANGELES—Furlow Pressed Brick Co., 3001 San Pedro
K. & K. Brick Co.
Los Angeles Brick Co.
Simons Brick Co.
Standard Brick Co.
MERCED—Merced Lumber Co.
NILES—California Brick Co. (Building)
Livermore Fire Brick Works
PASADENA—Furlow Pressed Brick Co. (Sand Lime)
Simons Brock Co.
PORT COSTA—Port Costa Brick Works
REDLANDS—Taylor Bros. Brick Co.
SACRAMENTO — Sacramento Pressed Brick Co. (Sand Lime)
SAN DIEGO—Hieatt F. L. Brick & Tile Co.
Hubbard Robert M.
Union Brick Co.
SAN FRANCISCO—Cal. Brick Co., 604 Mission
Ione Firebrick Co., Monadnock bldg, San Francisco, Cal.
Livermore Fire Brick Works, 604 Mission
Patent Brick Co., Merchant Exch bldg
Port Costa Brick Works, 618 Mission
United Materials Co., 618 Mission
SAN JOSE—San Jose Brick Co.
SANTA ANA—Sackman J. W.
STOCKTON—San Joaquin Brick Co.
Stockton Fire & Enamel Brick Co.

COLORADO.

CANON CITY—Diamond Fire Brick Co.
COLORADO SPRINGS—Schlesinger Bros.
DENVER—Denver Sewer Pipe & Clay Co.
Denver Shale Brick Co.
Excelsior Brick Co.
Golden Fire Brick Co.
Robinson Brick Co.
LONGMONT—Longmont Brick & Tile Co. ("Lo-Tex")
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

BERLIN—American Brick Co.
Connley, J. H.
Donnelly Brick Co.
Merwin C. P. Brick Co.
Murray Richard Brick Co.
EAST WINDSOR HILL—East Windsor Hill Brick Works
HAMDEN—Shares F. I.
HARTFORD—Kane Michael Brick Co.
Mills Eugene D.
MIDDLETOWN—McDonnell Brick Co.
Tuttle Brick Co.
MONTOWESE—Montowese Brick Co.
O'Neil H. C.
NEW BRITAIN—Holmes Jno. W.
Towers Joseph
NEW HAVEN—Davis Wm. E. & Co.
Montowese Brick Co.
Stiles I. L. & Son Brick Co.
THOMPSONVILLE—Brower & Best
TORRINGTON—Hotchkiss Bros. Co.
WILSON—Baker Fred
Wilson Brick Co.

DELAWARE.

DELMAR—Salisbury Brick Co.
HOUSTON STATION—Armour C. P. & Co.
WILMINGTON—Allen Alvan Brick Co.
Catlin R. H. Co.
Delaware Terra Cotta Co.
Oberly James B.
Wilmington Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Virginia Brick Co., Colorado bldg
Washington Brick & Terra Cotta Co., 911 H, N W
West Bros. Brick Co., Nat Savings & Trust bldg

FLORIDA.

CAMPVILLE—Campville Brick Co.
GREEN COVE SPRINGS—Clay County Steam Brick Works
JACKSONVILLE—Gamble & Stockton Co.
LAKE HELEN—Bond Sandstone Brick Co.
PLANT CITY—Plant City Composite Brick Co. (Sand Lime)

GEORGIA.

ADAIRSVILLE—Georgia Brick & Tile Co.
ALBANY—Flint River Brick Co.
Tift Silicate Brick & Stone Co. (Sand Lime)
ATLANTA—Chattahoochee Brick Co.
AUGUSTA—Dunbar Brick Co.
Electric City Brick Co.
Georgia-Carolina Brick Co.
Georgia Vitrified Brick & Clay Co.
McCoy Brick & Tile Co.
McKenzie Brick Co.
Merry Bros.
Rockmart Brick & Slate Co.
Rutherford & Co.
Standard Brick Co.
CALHOUN—Legg Brick Co.
CHATSWORTH—Chatsworth Brick & Tile Co.
COLUMBUS—Berry Geo. O.
Shepherd Bros.
ELBERTON—Elberton Brick Co.
GAINESVILLE—Hudson M D Jr & Co.
Pfeffer Mrs. P.
Wheeler G. R.
JAKIN—Jakin Brick Co.
MACON—Bibb Brick Co.
Cherokee Brick Co.
Standard Brick Co.
Stevens H. Sons Co.
MILLEDGEVILLE—Milledgeville Brick Works
Oconee Brick & Tile Co.
ROCKY FORD—Ogeechee River Brick Co.
ROME—Rome Brick & Tile Co.
THOMASVILLE—Arnold Adam
TIFTON—Tift Silica Brick Co.
TRIMBLE—Trimble Brick Co.
UNION POINT—Ogeechee Brick Co.

IDAHO.

BOISE—Sand Lime Brick Co.

ILLINOIS.

ABINGDON—Abingdon Paving Brick & Tile Co.
ALBION—Albion Shale Brick Co.
Albion Vitrified Brick Co.
ALTON—Alton Brick Co.
ARMSTRONG—Hamer J. W. (Tile Only)
ASHKUM—Comstock C. H. Co. (Tile Only)
ASSUMPTION—Consolidated Electric & Mfg. Co.
AUBURN—Auburn Brick Tile & Cement Co.
AURORA—Solfisburg C. Sons
AVON—Avon Milling & Mfg. Co.
BARTELSO—Sundrup Aug.
BASCO—Fisher W. O.
BEAVERVILLE—Beaverville Brick & Tile Co.
BELLEVILLE—Belleville Brick & Tile Co.
BENSON—Peterson Simon
BLANDINSVILLE—Hainline Bros.
BLOOMINGTON — Bloomington Pressed Brick Co.
CAMBRIDGE—Hull Jno. L.
CAMPUS—Mamer Bros.
CANTON—Heckard M. & Sons
Roller Geo. B.
CAPRON—Munson Bros. Co.
CARBON CLIFF—Argillo Works (See Rock Island)
CARLINVILLE—Moody John & Son
CARTERVILLE—Carterville Brick & Tile Co.
CHAMPAIGN—Sheldon Brick & Building Supply Co.
Stipes Jno. W.
CHATSWORTH—Walter Geo. J.
CHICAGO—Acme Brick Co., 2320 S Crawford av
Bach Brick Co., 2647 Montrose av
Bonner & Marshall Brick Co., 133 W Wash.
Builders Brick Co., 118 N La Salle
Calumet Brick Co., 111 W Wash.
Carey Brick Co., 133 W Washington
Chicago Brick Co., 38 S Dearborn

Chicago Hydraulic Press Brick Co. 133 W Washington
Dee Wm. E. Co., 30 N La Salle
Hanreddy Jos. Brick Co., 127 N Dearborn
Illinois Brick Co., 111 W Washington
Kimbell S. S. Brick Co., 133 W Washington
Lake View Brick Co., 2756 Irving Park
Lutter Brick Co., 1503 Wellington av
National Brick Co., 118 N La Salle
Thomas Moulding Brick Co., 1203 Chamber of Commerce
Sexton John M. L., 1459 Michigan av
COAL CITY—Haeger Brick & Tile Co.
COLCHESTER—King Bros.
CULLUM—Ortman F. A.
DALLAS CITY—Muenzenmaier & Smith
DANVILLE—Danville Brick Co.
Western Brick Co.
DECATUR—Ammann & Co.
Decatur Brick Mfg. Co.
EARLVILLE—Earlville Brick & Tile Mfg. Co.
EAST PEORIA—Carter F. R.
EDWARDSVILLE—Richards Brick Co.
ELDORADO—Eldorado Brick Co.
EQUALITY—McIntyre Wm. & Son
FARMER CITY—Arbogast S. G.
FREEPORT—Grant Thos.
Trunck F. G. (Est. of)
GALESBURG—Purington Paving Brick Co.
GRAYVILLE—Wheatcroft W. G. & Sons
HAMPSHIRE—Backus & Sholes
HIGHLAND—Miller Louis
HILLSBORO—Hillsboro Brick & Tile Co.
JOLIET—Shaw E.
Shaw Silas Brick Co.
KANKAKEE—Kankakee Tile & Brick Co. (Drain Tile)
LITCHFIELD—Keese & Chamberlin Bros.
LOMBARD—Lombard Brick & Tile Co.
MACKINAW—Judy & Cook
MANCHESTER—Heaton J. M. (Tile)
MANTENO—Manteno Brick & Tile Co.
MASCOUTAH—National Pressed Brick Co.
MAZON—Condon James
METCALF—Jones J. H. & Son
MINONK—Goodwin Bros.
MOLINE—Karstens August
MOMENCE—Tiffany Enamel Brick Co.
MONMOUTH—Monmouth Brick & Tile Co.
MONTICELLO—Lodge W. F.
MORRIS—Buck R. B.
MOUNT OLIVE—Mount Olive Brick & Tile Co.
MOWEAQUA—Corrington William E.
NAPERVILLE—Martin & Van Owen
NASHVILLE—Nashville Press Brick Co.
OKAWVILLE—Schlecte Wm.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
ONARGA—Barnes W. S.
OTTAWA—Chicago Retort & Fire Brick Co.
PANA—Biehl Edward
PEORIA—Carter F. R.
Fox William
Giles Albert E.
Peoria Brick & Tile Co.
PERU—Unzicker R.
PETERSBURG—Anderson Chas. (Tile)
Salveson Bros.
PITTSFIELD—Huseman Augustus
PLAINFIELD—Townell Hewson, Sr. & Son (Tile)
POLO—French Arthur (Tile)
PRINCETON—Hansen Bros.
Oberschelp H. G. (Tile)
Wagner Jacob
QUINCY—Damhorst Wm. S.
Gem City Press Brick Co.
Spilker A. & Sons
RAY—Nicholson Clay Mfg. Co. (Drain Tiles)
ROBERTS—Anderson & Jensen
ROCK ISLAND—Argillo Works
Atkinson Oloff
Paulsen Hans
Richmond Geo. H.
SAINT ANNE—St. Anne Brick & Tile Co.
SCHOOL—Compton Ezra
SENECA—Steep W. H.
SHELBYVILLE—Martz Bros.
SPRINGFIELD—Dawson Brick & Tile Co.
Springfield Paving Brick Co.
STREATOR—Barr Clay Co.
Streator Brick Co.
Streator Drain Tile Co. (Drain Tile Only)
SULLIVAN—Witts & Witts
TAYLORVILLE—Anderson Samuel
URBANA—Barr Andrew
Sheldon Brick & Building Supply Co.
UTICA—Utica Fire Brick & Clay Co.
WADSWORTH—Cashmore Jonathan
Winter Bros.
WATERLOO—Burkhardt Jacob
WAVERLY—Waverly Brick & Tile Co.
WEST BROOKLYN—Beale J. M. & Co.
WOODSON—Kitner F. H.
YORKVILLE—Tarbox A. & E.
ZENOBIA—Molohan Dave

INDIANA.

AKRON—Gast A. A. & Son
ALBION—Landgraff Frank
ANDERSON—Indiana Brick Co. (Daily capacity, 150,000)
ANGOLA—Angola Brick & Tile Co.
Bachelor Brick & Tile Co. (Also Tile)
ARCOLA—Felger & Caston (Also Tile)
ATTICA—Poston Clarence E.
AURORA—Aurora Brick Works
BATESVILLE—Wessel H.
BEAVER CITY—Bassett & Courtney (Tile Only)
BEDFORD—Heitger Julius
BELLMORE—Lee Rus. (Also Tile)
BERNE—Gottschalk Andrew (Tiles)
BIPPUS—Bippus Tile Co.
BLOOMFIELD—Bloomfield Brick Co.
BOONVILLE—Industrial Brick Works
Klostermeier Louis
BRAZIL—Brazil Clay Co.
Chicago Sewer Pipe Co. (see Chicago, Ill.)
Indiana Paving Brick & Block Co.
BROOK—Brook Terra Cotta Tile & Brick Co.
BROWNSBURG—Lingerman Bros (Tile Only)
BUTLER—Butler Brick & Tile Co.
CHURUBUSCO—Stockert J. J. (Tile Only)
CLINTON—Clinton Paving Brick Co.
COATESVILLE—Ellis E. R.
COLFAX—Lee M. J. Drain Tile Co. (Drain Tile Only)
COLUMBUS—Crump F. T.
CONNERSVILLE—Fries A. & Sons
CRAWFORDSVILLE — Crawfordsville Shale Brick Co.
Poston Paving Brick Co.
Standard Brick Co.
CURTISVILLE—Curtisville Tile & Brick Co.
CYNTHIANA—Redman & Co. (Tile Only)
DECATUR—Krick, Tyndall & Co.
DELPHI—Clauser W. H. & Sons
DUNKIRK—Martin Bros. (Also Tile)
ELKHART—Boss John C Co.
EVANSVILLE—Evansville Brick & Tile Co.
First Avenue Brick & Tile Co.
Standard Brick Mfg. Co.
Uhl Pottery Co.
FARMERSBURG—Farmersburg Brick & Tile Works
FERDINAND—Helming Wm.
FORT WAYNE—Fort Wayne Brick Co.
Moellering's Wm. Sons
FRANCESVILLE — Francesville Clay Product Co.
FRANCISCO—Stormont James M. & Bro. (Tile)
FREELANDVILLE — Hummerich Benjamin (Tile)
Meyer Chas.
GREENFIELD—Indiana Sand Lime Brick Co.
GREENSBURG—Isgrigg W H & Son
Littell Geo. S.
HAMMOND—Gary Sand Lime Brick Co.
HAUBSTADT—Woehler Geo.
HEBRON—Kenney R. S. (Tile Only)
HOBART—Kulage Brick Works
HOMER—Arbuckle & Son
HUNTINGBURG — Huntingburg Dry Pressed Brick Co.
Lukemeyer Wm. H. & Son (Also Tile)
HUNTINGTON—Holzinger F. F.
Huntington Brick Co.
INDIANAPOLIS—Brooklyn Brick Co., Chamber of Commerce
JASPER—Hochgesand A. M. & Sons
KINGMAN—Howrey Marion E. (Tile Only)
KIRKLIN—Kirklin Clay Mfg. Co. (Also Tile)
KNOX—Lewis Wm. A.
KOKOMO—Leach J. M. Mfg. Co.
LAFAYETTE—May Bros.
LAGRANGE—Lagrange Specialty Co.
LAWRENCEBURG—Mitchell Brick Co.
LEBANON—Herdrick B. F.
LYNN—Lynn Tile & Brick Works
MADISON—Madison Brick Co.
MARION—Marion Brick Works
MARTINSVILLE—Adams Brick Co.
Martinsville Brick Co.
MEDARYVILLE—Howe Geo R
MEDORA—Medora Shale Brick Co.
MIAMI—Needham Bros. (Tile Only)
MICHIGAN CITY—Granite Brick Co. (Sand Lime)
North Indiana Brick Co. (Sand Lime)
Ohlemacher Brick Co.
MILLGROVE—Inman Tile Co. (Tile)
MONTEZUMA—Montezuma Brick Works
MOORESVILLE—Bradley Brick Co.
MOUNT VERNON—Brinkman H. (Tile, etc.)
Industrial Brick Co.
NAPPANEE—Mullett Bros. (Tile Only)
NEW ALBANY—Goetz Pressed Brick Co.
Hoosier Brick Co.
NORTH LIBERTY—Heim Cement Products Co. (Tile Only)
NORTH VERNON—North Vernon Lumber Co.
OAKLAND CITY—Read Chas. H.
PONETO—Cook J. W. (Tile)
PORTLAND—North Frazier & Co. (Tile Only)
PREBLE—Werling Albert (Tile Only)
PRINCETON—Watt & Mitchell
RAYS CROSSING—Arbuckle & Son (Tile)
RED KEY—Red Key Tile Brick & Building Block Co. (Also Tile)
RIDGEVILLE—Ridgeville Tile & Brick Co. (Also Tile)
ROACHDALE—Rice James A. & Son
RUSHVILLE—Bainbridge Wm. M.
Dawson M. C. (Tile Only)
RUSSIAVILLE—Cunningham Richard
ST. MEINRAD—St. Meinrad Brick & Tile Co.
SCOTTSBURG—Wyman D. W. & Son
TERRE HAUTE—Bennett Brick Co.
O'Mara Bros. Brick Co.
Terre Haute Pressed Brick Co.
Terre Haute Vitrified Brick Co. (Building & Sewer)
WASHINGTON—Kretz Joseph
WEST LEBANON—Hamar Alex (Tile)
WINDFALL—Windfall Mfg. Co. (Brick Tile)
WOLCOTT—Wolcott Brick & Drain Tile Co.
WOODBURN—Woodburn Tile & Brick Co. (Brick & Tile)

IOWA.

ALGONA—Algona Brick & Tile Works
AUBURN—Auburn Brick & Tile Co.
BARNES CITY—Wilson & Morrow
BOONE—Boone Brick Tile & Paving Co.
BUFFALO—Davenport Brick & Tile Co.
CEDAR RAPIDS—Stookey D. W.
CENTERVILLE—Centerville Brick Co.
CLAY WORKS—Johnston Bros. Clay Works
COLUMBUS JUNCTION—Long Clifford
CRESCO—Marshall C. A.
CRESTON—Tramp Bros.
DAVENPORT—Benedict John Co.
Black Hawk Brick Co.
Davenport Brick & Tile Co.
Hydraulic Press Brick Co.
DECORAH—Kornmeyer Bros.
DEEP RIVER—Deep River Brick & Tile Co.
DES MOINES—Des Moines Brick & Tile Co.
Flint Brick Co.
Goodwin Tile & Brick Co.
Iowa Pipe & Tile Co.
Maine James & Sons Co.
Shackelford Brick Co.
Star Brick Co.
DE SOTO—De Soto Brick & Tile Works
DUBUQUE—Dietrich & Beutin
Heim John & Son Bros.
DYSART—Dysart Brick & Tile Co.
ELDON—Trott J. A. & Sons
ELDORA—Eldora Pipe & Tile Co.
FAIRFIELD—Raney Bros.
FONDA—Straight L. S.
FORT DODGE—Bradshaw & Co.
Fort Dodge Brick & Tile Co.
Kalo Brick & Tile Co.
GLADBROOK—Gethmann Brick Co.
Gladbrook Pressed Brick & Tile Co.
Stauffer Geo. M.
GRINNELL—Grinnell Clay Products Co.
HARVEY—Harvey Brick & Tile Co.
IOWA CITY—Oakes Bros.
KALO—Kalo Brick & Tile Co.
KELLOGG—Kellogg Brick & Tile Works
KEOKUK—Keokuk Brick & Tile Co.
LEHIGH—Lehigh Clay Products Co.
LYNNVILLE—Newby C. H.
MARSHALLTOWN—Sieg John A.
MASON CITY—American Brick & Tile Co
Mason City Brick & Tile Co.
Mason City Clay Works
Mason City Sewer Pipe Co.
North Iowa Brick & Tile Co.
MEDIAPOLIS—Johnson A. & Sons
MONTICELLO—Dautremont Frank
MUSCATINE—Koetting & Sons
Maeglin Gustave
NEVADA—McHose S. M.
NEWTON—Henning Wm.
NORTH ENGLISH—Smith E. J. & Sons
OTTUMWA—Morey Clay Products Co (Brick & Tile)
Ostdiek H. B.
POSTVILLE—Postville Clay Products Co
REDFIELD—Redfield Brick & Tile Works
ROCKFORD—Rockford Brick & Tile Co
SHEFFIELD—Sheffield Brick & Tile Co.
SIOUX CITY—Sioux City Brick & Tile Co
SOUTH ENGLISH—Good Bros.
TAMA—Tama Brick & Tile Co.
TOLEDO—Toledo Brick & Tile Co.
VAN METER—Platt Pressed & Fire Brick Co.
WASHINGTON—Long C. W.
Shields John & Sons
WEST POINT—Schler B. H.
WHAT CHEER—Nicholson G. G.
WINFIELD—Pierce J. E.

KANSAS.

BUFFALO—Buffalo Brick Co.
BUFFVILLE—Kansas Buff Brick & Mfg. Co.
BURLINGTON—Batdorf & Co.
CHANUTE—Chanute Brick & Tile Co.
CHERRYVALE—Cherryvale Brick Co.
COFFEYVILLE—Coffeyville Vitrified Brick & Tile Co.
FREDONIA—Excelsior Brick Co.
Fredonia Brick Co.
HUMBOLDT—Humboldt Brick Mfg. Co.
IOLA—Iola Brick Co.
Union Brick Co.
LINDSBORG—Swanson A. J.
MOUND CITY—Mound City Brick & Gas Co.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
PITTSBURGH—Pittsburgh Paving Brick Co.
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.
Lumberman's Supply Co.
Topeka Vitrified Brick & Tile Co.

KENTUCKY.

ASHLAND—Gates J. J.
O'Kelly Brick Co.
BARBOURVILLE—Barbourville Brick & Tile Co.
BOWLING GREEN—Phillips Aaron
CENTRAL CITY—Central City Brick Mfg. Co.

KENTUCKY—continued
CLINTON—Harpole John A.
COVINGTON—Broering & Meier
Busse Brick Co.
Winston Thos. H.
DANVILLE—Dillehay Brick Co.
FULTON—Bransford, C. H. & Son
GLASGOW—Dickinson Brick & Tile Co.
HALDEMAN—Kentucky Fire Brick Co.
HARTFORD—Bean Bros.
HAZEL—Hazel Brick & Tile Co.
HENDERSON — Kleymeyer-Klute Brick & Tile Works
HOPKINSVILLE—Dalton Bros. Brick Co
LEBANON—Goodin R. G.,
LEWISPORT—Greathouse David B.
LEXINGTON—Lexington Brick Co.
LOUISVILLE—Coral Ridge Clay Products Co., Inter-Southern bldg.
East End Brick Co.
Louisville Brick Co.
Southern Brick & Tile Co.
MACEO—Robinson W. F.
MADISONVILLE—Hall W. L.
Providence Brick Co.
Stewart G. A.
MAYSVILLE—Maysville Brick Co.
Sphar Brick Co.
MORGANFIELD—Alhorn & Waller
MOSELEYVILLE—Clark Mfg. Co.
MURRAY—Slaughter G. W. & A. J.
NEW HAVEN—Nelson Brick & Tile Co.
NEWPORT—Newport Pressed Brick & Stone Co.
NICHOLASVILLE—Schneider A. H.
PADUCAH—Hill & Karnes Brick Co.
Paducah Brick & Tile Co.
STURGIS—Long E. H.
WINCHESTER—Winchester Granite Brick Co. (Sand Lime)

LOUISIANA.

ABBEVILLE—Godchaux Brick Co., Ltd.
ALEXANDRIA—Adams C. N.
BATON ROUGE—Baton Rouge Brickyard
BREAUX BRIDGE—Breaux Bridge Brick & Milling Co., Ltd.
BUNKIE—Bunkie Brick Works, Ltd.
COLFAX—Lecroix Wm.
COVINGTON—Alexius Bros. Co.
DONALDSONVILLE—Cire Bros.
EVERGREEN—Flournoy David
FRANKLIN—Bodin Eugene
Milholland Geo.
HAMMOND—Hammond Brick Co., Ltd.
Kent Amos Lumber & Brick Co.
HOUMA—Houma Brick Mfg. Co.
KENTWOOD—Kent Amos Lumber & Brick Co.
LAFAYETTE—Roy J. A.
LAKE CHARLES—Buck H. E. Brick Mfg. Co.
Delatte & Lagrange
MANSFIELD—De Soto Brick Co., Ltd.
MARKSVILLE—Neck Bros. Co., Ltd.
MONROE—Monroe Brick & Builders Supply Co.
NATCHITOCHES—Hughes & Aaron
NEW ORLEANS—New Orleans Silicate Brick Co. (Sand Lime)
Salmen Brick & Lumber Co., Ltd., Whitney bldg
PEARL RIVER—Schneider Bros. (Firm Name)
PLAQUEMINE—Plaquemine Brickyard
SHREVEPORT — Oliff-McCormick Brick Co., Ltd.
Shreveport Brick & Tile Co.
SLIDELL—Salmen Brick & Lumber Co., Ltd.
WINNFIELD—Winnfield Brick Co.

MAINE.

BANGOR—Bangor Brick & Construction Co.
BREWER—Brooks Brick Co.
BRUNSWICK—Hacker C. E.
EAST DOVER—Crockett F. A.
ELIOT—King Joseph
Tandreault Joseph
LEWISTON—Pettingill Geo. S.
MECHANIC FALLS — Mechanic Falls Brick Co.
ORLAND—Gross Fred B. & Son
Hutchins A. W. & A. B.
PENOBSCOT—Leach Ellery F.
Leach Otis
PENOBSCOT—Leach Otis
Hamblet Brick Co.
Lucas William
SACO—Saco Brick Co.
SKOWHEGAN—Purington Horace Co.
WATERVILLE—Purinton H. Co.
WEST FARMINGTON—Galbert Thos.
YORK VILLAGE—York Harbor Brick Co.

MARYLAND.

BALTIMORE—Baltimore Brick Co., Maryland Trust bldg
Burns & Russell Co., American bldg
Champion Brick Co., 110 E Lexington
Excelsior Brick Co., Benson av, nr Caton
Independent Brick Co., Md. Trust bldg
BERLIN—Berlin Brick Co.
Westport Paving Brick Co., Baltimore, Md.
CUMBERLAND—Queen City Brick & Tile Co.
FREDERICK—Frederick Brick Works
Maryland Brick & Supply Co.
FROSTBURG—Savage Mountain Firebrick Co.
Hancock Shale Brick Co., Hagerstown, Md.
HANCOCK—Hancock Shale Brick Co.
NORTH EAST—Green Hill Fire Brick Co.
United Firebrick Co. (Fire Clay Products)
PRINCESS ANNE—Collins Frank
SALISBURY—Salisbury Brick Co.
WILLIAMSPORT — Conococheague Brick & Earthenware Co.

MASSACHUSETTS.

BELMONT—New England Brick Co.
BOSTON—Boston Brick Co.
New England Brick Co., 18 Post Office Square
Parry Brick Co., 166 Devonshire
Spiers Brick Co., 79 Milk
Winchester Brick Co. (Sand Lime)
BRIDGEWATER—Bassett Josiah G.
Bridgewater Brick Co.
Cook Ernest L.
CAMBRIDGE—New England Brick Co.
CHELSEA—Boston Brick Co.
EASTHAMPTON—Coyle Bartley & Son
FITCHBURG—Fitchburg Brick Co.
GREENFIELD—Dyer C. C.
HOLYOKE—Holyoke Brick Co.
Lynch Bros. Brick Co.
Prew Jno. J.
INDIAN ORCHARD—Bay State Brick Co. (Sand Lime)
IPSWICH—Brown Walter G.
LENOX—Mahanna William
LEOMINSTER—Osborne William L.
LYNN—Blakeley Geo. C. & Son
Graham F. J.
MEDFIELD—Medfield Silica Co. (Sand Lime)
MEDFORD—New England Brick Co.
MONTAGUE CITY—Burnham A. C. & F. G.
NORTHAMPTON—Bailey M. A.
OTTER RIVER—Otter River Brick Co.
SPRINGFIELD—Springfield Brick Co.
SOUTH AMHERST—Atwater & Dow
TAUNTON—Stiles & Hart Brick Co.
WEST BARNSTABLE—West Barnstable Brick Co.
WILLIMANSETT—Phillips E. K.
WORCESTER—Boucher Jos., 180 Plantation

MICHIGAN.

ALLEGAN—Allegan Brick Co.
ANN ARBOR—Britton Pressed Brick Co.
ASHLEY—Stevenson David & Sons
AZALIA—Meyers Bros.
CALUMET—Lake Superior Stone Brick Co.
CASS CITY—Hall Charles
CLIO—Scholl L. J. & C. E. (Red Face)
DEERFIELD—Atkin Wm. T. Jr.
DETROIT—Ajax Brick Co., Western av & M. C. R. R.
Clippert Geo H. & Bros. Brick Co., 161 Virginia pk
Daniel Jacob Brick Co., 291 Clippert av
Fairview Brick Co., 80 Griswold
Flood & Hall, Inc. (Sand Lime)
Lohyo-Harsha Brick Co., Larkin rd, nr Michigan
McDonald J. C. & Son, Hammond bldg
Mercier Bryan-Larkins Brick Co., Lonyo & M. C. R. R.
Michigan Pressed Brick Co., 480 Lawton
Puritan Brick & Tile Co., Farewell bldg
Schneider Bros. Brick Co., 646 Dix av
Walker & Frank Brick Co., Dix & Lonyo rd
FLINT—Flint Sandstone Brick Co.
GRAND RAPIDS—Battjes Fuel & Building Material Co.
Grand Rapids Brick Co.
See adv index at end of book
Grand Rapids Consol. Brick & Tiling Co.
Grande Brick Co. (Sand Lime)
HANCOCK—Lake Superior Stone Brick Co.
HOLTON—Holton Brick Co.
IONIA—Vander Heyden Fred H.
ITHACA—Peet C. D.
KALAMAZOO—South Michigan Brick Co. (Sand Lime)
LANSING—Clippert Spaulding & Co.
MAYBEE—Linenfelser Brick & Tile Co.
MENOMINEE—Menominee Brick Co. (Sand Brick)
MIDLAND—Midland Tile Wks.
MORENCI—Lee L. V.
MOUNT CLEMENS—Mount Clemens Brick & Tile Co.
OGDEN CENTER—Wilt C. H.
OTTER LAKE—Otter Lake Brick & Tile Co.
OXFORD—Michigan Pressed Brick Co.
PETOSKEY—De Arment Carl
RIVER JUNCTION — Jackson-Lansing Brick Co. (Sand Lime)
ROCHESTER—Rochester Sand & Brick Co.
SAGINAW—Saginaw Brick Co. (Sand Lime)
Saginaw Paving Brick Co.
ST. CLAIR—Belknap & Phillips
ST. JOHNS—Pulfley C. F.
SARANAC—Brown Albert
SEBEWAING—Reinbold Ernst
Sebewaing Sandstone Brick Co.
TRAVERSE CITY—Traverse City Brick Co.
Markham J. W.
VULCAN—Vulcan Brick Works
WARREN—Hartsig Jacob
ZEELAND—Zeeland Brick Co.

MINNESOTA.

AKELY—Moore Bros.
AUSTIN—Minnesota Farmers' Brick & Tile Co.
BLAKELEY—Kahn Sam
CHASKA—Chaska Brick & Tile Co.
Klein C. H. Brick Co.
CROOKSTON—Crookston Brick & Tile Co
DULUTH—Enterprise Brick Co.
FERTILE—Fertile Brick & Tile Co.
HUTCHINSON—Madsen M. C.
JACKSON—Jackson Tile & Brick Co.
MANKATO—Fowler & Pay
Panenberg F. G. & Co.
Stewart W. E.
MINNEAPOLIS—Anderson M. Brick Co.
Jagger Brick Co.
Minneapolis Brick & Supply Co., 1348 Marshall
Minneapolis Paving & Cement Brick Mfg. Co.
Minneapolis Sand Lime Brick Co., 307 Kasota
Wisconsin Red Pressed Brick Co., Lumber Exchange
NEW ULM—Aufderheide Fred.
PENGILLY—Range Sand Lime Brick Co.
PERHAM—Haut Gustave
PRESTON—Passe F. J.
PRINCETON—Morton R. P.
Princeton Brick Co.
ST. PAUL—Chaska Brick & Tile Co., Ryan bldg
Twin City Brick Co., Pioneer bldg
SHAKOPEE—Schroeder Brick & Lime Co.
SPRINGFIELD—Ochs A. C. Brick & Tile Co.
WARREN—Lundgren Edward
WINONA—Biesanz Philip
Voelker & Groff
WRENSHALL—Enterprise Brick Co.
Habhegger Fred.
Wrenshall Brick Co.

MISSISSIPPI.

BALDWYN—Baldwyn Brick & Tile Co.
BOONEVILLE—Booneville Brick & Tile Co.
BROOKHAVEN — Brookhaven Pressed Brick & Mfg. Co.
CANTON—Smith G. J., Commercial Co.
COLUMBUS—Columbus Brick Co.
GREENWOOD—Success Brick & Tile Co.
HATTIESBURG—Riverside Brick & Mfg. Co.
HOLLY SPRINGS—Holly Springs Stoneware & Fire Brick Co.
JACKSON—Bullard Brick Co.
KANSAS CITY—Bodwell Brick & Tile Co. (Sand Lime)
LOUISVILLE—Earhart J. T. Brick Co.
NEW ALBANY—Reeves Frank
VICKSBURG—Beck Jno. W.
YAZOO CITY—Montgomery Land Co.

MISSOURI.

BOONVILLE—Boonville Brick Co.
BRAYMER—McCubbin Wm. M.
BRUNSWICK—Brunswick Brick & Tile Co.
CHILLICOTHE—Shale Brick & Tile Co.
FULTON—Fulton Fire Brick Co.
GLASGOW—Burdie Bros.
INDEPENDENCE — Independence Shale Brick Plant
JACKSON—Kasten & Schmuke Pressed Brick Co.
JEFFERSON CITY—Dawson B. C.
KANSAS CITY—Buffalo Brick Co.
Builders Brick & Mfg. Co.
Lyle Rock Co.
LEXINGTON—Lexington Triumph Press Brick Co.
MOBERLY—Moberly Paving Brick Co.
NEVADA—Daly J. A.
PERRYVILLE—Popp John C.
ROCKPORT—West Joseph
ST. CHARLES—St. Charles Brick Co.
ST. JOSEPH—St. Joseph Pressed Brick Co.
ST. LOUIS—Alton Brick Co., Chemical bldg
American Press Brick Co., 6500 Easton av
College Hill Pressed Brick Co.
Continental Brick Co., Arcade bldg.
Enterprise Brick Works Co., Kingsbury & Oak Hill, R R. tracks
Excelsior Press Brick Co., 1010 Chestnut
Hydraulic-Press Brick Co.
Ittner Anthony Brick Co., Odd Fellows bldg
Maes Jacob, 2703 Meramec
Missouri Press Brick & Improvement Co.
National Pressed Brick Co., 407 N 8th
Progress Press Brick & Machine Co., King's Highway nr Arsenal
Superior Press Brick Co., 3190 S Kingshighway
SHACKELFORD—Krumsiek Henry
WASHINGTON—Stumpe F. W.
WINFIELD — Magruder Benjamin E. (Tile)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
MISSOULA—Missoula Brick & Tile Co.

NEBRASKA.

AUBURN—Horrum W. H.
AURORA—Klose C. & Co.

BEATRICE—Beatrice Brick Wks.
COLUMBUS—Nichols Julius S.
GENEVA—Koehler A. Co.
HASTINGS—Polenske Bros., Schellak & Co.
Western Brick & Supply Co.
HOOPER—Builders' Brick Mfg. Co.
HUMPHREY—Baumgart Fred.
KEARNEY—Hibberd Brick Co.
LINCOLN—Yankee Hill Brick Mfg. Co.
McCOOK—McCook Brick Co.
NELIGH—Brenton T. H.
OMAHA—Gould F. P. & Son, City Natl. Bk. bldg
Hydraulic Press Brick Co.
Omaha Clay Works
Smith Brick Co.
ORD—Gruber E. Wm.
ROSELAND—Trausch Bros.
SOUTH OMAHA—Kritenbrink J. H. & Son
STROMSBURG—Stromsburg Brick Co.
YORK—York Brick & Tile Co.

NEVADA.

RENO—Reno Press Brick Co.

NEW HAMPSHIRE.

CONCORD—Holt Samuel (Estate of)
DOVER—Gage Elbridge G.
Lucas I. L.
EPPING—Goodrich W. S.
Manchester Real Estate & Mfg. Co.
Proulx Joseph B.
GONIC—Blakely Geo. C. & Son
Boston Brick Co.
Lanoix Alphonse
LEBANON—Densmore Brick Co.
MANCHESTER—Manchester Real Estate & Mfg. Co.

NEW JERSEY.

ASBURY PARK—Drummond Bros.
ATLANTIC CITY—Somers Brick Co.
Turner John F.
BRIDGETON—Bridgeton Brick Co.
Penbryn Brick Co.
BROWN MILLS—Pittman Chas H.
CAMDEN—Hatch Hugh
Reeve Augustus
CLIFFWOOD—Cliffwood Brick Co.
Lenox Brick Co.
Oschwald Brick Works
DUNELLEN—Rajotte, Albert
EGG HARBOR CITY—Einsiedel Julius
Egg Harbor Brick Mfg. Co.
FARMINGDALE—Lippincott, Edwin
FLEMINGTON—Pedrick Geo. C.
HACKENSACK—Gardner M. B. & L. B.
Hackensack Brick Co.
Mehrhof, Philip
HARRISON—Harper David
HIGHTSTOWN—Reed R. H. & Bro.
KEASBEY—Didier-March Co.
LITTLE FALLS—Singack Brick Co.
LITTLE FERRY—Mehrhof Brick Co.
Treviranus & Gardner
MAPLE SHADE—Reeve Augustus
Sauselein Geo. C.
MATAWAN—Close Wm. A. Trading & Mfg. Co.
New Jersey Co.
MAYS LANDING—Atlantic Brick Mfg. Co.
MILLTOWN—Phila. & Boston Face Brick Co.
MORRISTOWN—Hanover Brick Co.
MOUNT HOLLY—Dubell Furman
MOUNTAINVIEW—Enterprise Brick Co.
NEW BRUNSWICK—New Jersey Clay Products Co.
Pettit & Co.
NEWTON—Losee F. E.
NORTHFIELD—Somers Brick Co.
OLD BRIDGE—Old Bridge Enameled Brick & Tile Co.
RED BANK—Crescent Brick Co.
SAYREVILLE—Furnam Edward
Sayre & Fisher Co. (Hard Building)
SOUTH RIVER—Bisset Brick Co.
Pettit & Cook Co.
South River Brick Co.
TRENTON—Applegate Joseph
Donahoe & Nolan
Sneyd Enameled Brick Co.
WHIPPANY—Hanover Brick Co.
WINSLOW—Hydraulic Press Brick Co. Office, Phila., Pa.

NEW MEXICO.

ANCHO—Ancho Brick Co.

NEW YORK.

ALBANY—Hunter Alfred & Son
Smith Edw. J.
ARLINGTON—Flagler & Allen
Pennock Meda H.
ATHENS—Rider Wm. W.
BINGHAMTON—Atlas Coal & Supply Co.
BROCKWAY—Brockway Brick Co.
BUFFALO—Berricks Chas. Sons Co., 1151 Main
Buffalo Sandstone Brick Co.
Ellicott Brick Co., 918 Ellicott sq
Jewettville Brick Co., Builders' Exchange
Lancaster Brick & Tile Co., Builders' Exchange
Lyth A. & Sons Co., 48 W Eagle
Lyth Tile Co., 202 Pearl
Queen City Brick Co., Court & Pearl
Schmidt Geo. W., 180 Linwood av
Schuesler Edw. A. (Estate of), 254 Weiss
CANANDAIGUA—Hollis A. M. & Co. (Tile)
CATSKILL—Golden P. & Son
Washburn G. W. & Son, Brick Yard
CHELSEA—Watrous F.
COEYMANS—Sutton & Suderly Brick Co.
Ziegler & Ziegler
COHOES—Aetna Brick Co.
Cary Brick Co.
CORNING—Brick Terra Cotta & Tile Co.
CRESCENT—Newton A. C.
DUNKIRK—Dunkirk Brick & Tile Co.
DUTCHESS JUNCTION—Aldridge A. E.
Brockway Bros. Co.
Hammond & Freeman
Nicholson Bros.
Ramsdell Homer (Estate of)
EAST KINGSTON—Brigham Bros.
Dinan Thos. (Estate of)
Hendricks Brick Co.
Lynch Bros. & Co.
Staples Brick Co.
Washburn U. F. & J. T.
ELMIRA—Consolidated Brick Co.
FARMINGDALE—Long Island Brick Co.
FISHKILL LANDING—Belisle Joseph
GARDENVILLE—Bender Henry
GLASCO—Alpha Brick & Holding Co.
Empire Brick & Supply Co.
Washburn Bros. Co.
GLEN HEAD—Post Jotham
GRASSY POINT—Brophy Bros.
Morrissey & Co.
Washburn U. F. & Co.
Washburn & Fowler
GREEN BRIDGE—(See New York City Borough of Richmond)
GREENPORT—Sage Brick Mfg. Co.
HAVERSTRAW—Allison B. J. & Co.
Allison & Wood
Archer, George
De Noyelles Brick Co.
Excelsior Brick Co.
Fowler D. Jr. & Co.
Fowler Everett
Garner Brick Works
Lynch Brick Co.
Lynch & O'Brien
Malley Mary
Peck Brick Co.
Renn & Morrison
Shankey Thos. & Son
Snedeker Bros.
Tanney Brick Co.
Washburn U. F. & Co.
Washburn & Fowler
Wood & Allison
HORSEHEADS—Consolidated Brick Co.
HUDSON—Arkison Bros.
Atlas Building Material Co.
JAMESTOWN—Jamestown Shale Paving Brick Co.
JEWETTVILLE—Ellicott Brick Co.
Jewettville Brick Co. (See Buffalo)
KINGSTON—Frederick Brick Co.
Goldrick Philip
Hanrahan Brick & Ice Co.
Hutton Co.
Schlede Christian
Staples Brick Co.
Terry Bros. Co.
LANCASTER—Buffalo Sandstone Brick Co.
Lancaster Brick & Tile Co.
McCutcheon C. H.
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.
New England Brick Co.
MIDDLE GRANVILLE—Pepper J. H.
NEWBURGH—Atlas Building Material Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Chestnut Ridge White Brick Co. (Eight Colors), 7 W 45th
Empire Brick & Supply Co., 103 Park av
Greater New York Brick Co., 103 Park av
Hydraulic Press Brick Co., 381 4th av
Long Island Brick Co., Inc., 280 Madison av
Plummer D. S., 104 W 90th
Richmond Brick Co., 50 Church
Sayre & Fisher Co. (Hard Building), 261 B'way
Willard C. T. Co., 110 E 23d

Borough of Richmond.

GREEN RIDGE—Dunn & Dolan, Arthur Kill rd

(End of New York City)

NIAGARA FALLS—Frontier Brick Works
NORTH TONAWANDA — Central Clay Products Co.
OLEAN—Alleghany Valley Brick Co.
Olean Pressed Brick Co.
Sterling Brick Co.
ROCHESTER—Flower City Brick Co., 446 Powers bldg.
Rochester Clay Brick & Tile Co., Dept. H
Rochester Composite Brick Co.
RONDOUT—(See Kingston)
ROME—Parry & Jones Co.
SCHODACK LANDING—Brousseau, H. P.
SOUTHOLD—Sanford C. L.
SYRACUSE—Merrick Chas. H.
Onondaga Vitrified Brick Co.
Pack Geo. W. & Son
Paragon Plaster Co. (Sand Lime), 300 W. Water
Syracuse Unit Brick Co.
TROY—Cary Brick Co.
Glass Robert & Co.
Painton Brick Co.
Troy Brick Co., Northern tpk
UTICA—Utica Brick Works
Weaver's Geo. F. Sons Co.
VERPLANCK—Mackey M. E.
O'Brien Philip
WATERVLIET—Retallick, H. E.

NORTH CAROLINA.

ARBA—Jones Geo. W.
ASHEVILLE—Shehan Geo. C.
CHARLOTTE—Riverside Brick Co.
CLARK—Clark Brick & Tile Co.
DURHAM—Cheek & Belvin
Clegg R. H.
ELIZABETH CITY—Elizabeth City Brick Co.
FAYETTEVILLE—Poe E. A. Brick Co.
GASTONIA—Henry T. A.
GREENSBORO—Cunningham Brick Co.
Jennings W. G. & Son
Watson A. W. Brick Co.
GREENVILLE—Dail W. H., Jr.
HAW RIVER—Trolinger & Montgomery
HIGH POINT—High Point Brick Co.
KINGSTON—Carolina Brick Co
SCOTLAND NECK—Madry J. W.
SELMA—Ward N. E.
WALNUT COVE—Hedgecock Brick Co.
WILMINGTON—Moore's Roger Sons Co.
WINSTON SALEM—Hedgecock R. W.

NORTH DAKOTA.

DENBIGH—Mouse River Brick Co. (Sand Lime)
DICKINSON—Dickinson Fire & Press Brick Co.
GRAND FORKS—Red River Valley Brick Corporation

OHIO.

ADA—Ada Clay Co. (Tile Only)
Hilty J. H. & Son (Tile Only)
ADDYSTON—Cincinnati Brick Co.
AKRON—Akron Brick & Tile Co. (Shale)
Camp L. W. Co.
Cooper Brick Co.
Crouse Clay Products Co.
Granite Clay Co.
McCausland Bros.
Robinson Clay Product Co.
Windsor Brick Co. (& Tile)
ALGER—Alger Clay Mfg. Co.
ALLIANCE—Alliance Brick Co.
Alliance Clay Product Co.
ANNA—Fleckenstein Geo. J. (Tile Only)
ANTWERP—Harrman & Son (Brick & Tile)
ARCADIA—Stall Bros. (Tile Only)
ARCHBOLD—Archbold Brick & Tile Co.
Bourquin Bros. (Brick & Tile)
ATHENS—Athens Brick Co.
ATLANTA—Atlanta Tile & Brick Co.
ATTICA—Keller G. M. & Son (Brick & Tile)
Milliron Bros. (Tile)
AVERY—Park & Tucker (Tile Only)
BALTIMORE—Neff J. M. (Tile Only)
BASCOM—Miller J. A.
BATAVIA—Clermont Brick Co.
BEAVER—Beaver Tile & Brick Co. (Brick & Tile)
BELLAIRE—Standard Stone & Brick Co.
BELLE CENTER—Royer Chas.
BELLEVUE—Gerhardstein Bros. (Brick & Tile)
BLACKLICK—Columbus Clay Mfg. Co.
BLOOMDALE—Bloomdale Tile & Brick Co. (Brick & Tile)
BLUFFTON—Diller Tile Co.
BRECON—Heidecker Brick Co.
BROADWAY—Thackery J. H. & Son
BROUGHTON—Baughman & Son (Tile)
BRYAN—Bryan Brick Co.
Neff Benj. F. & Sons (Tile)
BUCYRUS—Breisinger Chas. & Son
Witter Jno. (Tile)
BURKETTSVILLE—Jones Aaron (Tile)
BUTLER—Wheatcraft U. & Son
CAMP CHASE—Postle W. S. (Tile)
CANTON—Belden Brick Co.
Big Four Clay Co.
C. & B. Clay Co., Canton, O.
Lincoln Paving Block Co., Canton, O.
Metropolitan Paving Brick Co. (Shale)
Stark Brick Co., Canton, O.
CAREY—Stief Bros. (Brick & Tile)
CARROLLTON—Medal Paving Brick Co. (See Cleveland, O.)
CARROTHERS—Stockdale Tile & Brick Co. (Brick & Tile)
CECIL—Bissell & Erter (Tile)
CELINA—Celina Brick Mfg. Co.
Springer J. S. (Tile)
CHATFIELD—Baumgartner Bros.
CHICKASAW—Chickasaw Tile Co. (Tile)
CHIPPEWA LAKE—Chippewa Shale Brick Co.
CINCINNATI—Anders Geo. E., 1886 Fairmount av, Fairmount
Blair Brick Co., 409 Johnston bldg
Cincinnati Brick Co., Addyston
Cincinnati Clay Products & Supply Co., Johnston bldg
Glass Brick Co., 1st Natl. Bk. bldg
McCammon L. H. Bros., Johnston bldg
Mitchell Brick Co., Lower River rd, Delhi
Shorey D. C. Brick & Supply Co., Union Tr. bldg
Suer Herman & Sons, Marburg av, Hyde Park
Taylor Chas. Sons Co., 710 Burns
Warburg Bernard, Springfield rd, New Burlington
CLEVELAND—Cleveland Brick & Clay Co., B. of L. E. bldg

OHIO—Cleveland—continued.
Cleveland Bldrs'. Supply & Brick Co., H, Leader-News bldg
Cuyahoga Brick & Shale Co., Pearl rd
Deckman Duty Brick Co., Swetland bldg
Dover Fire Brick Co., Cuyahoga bldg
Harrison Wm. H., E 49th, opp Guy av
Hydraulic Press Brick Co., 900 Schofield
Medal Paving Brick Co. (Vitrified Sewer), Swetland bldg, Works, Carrollton, O., & Malvern, O.
Murray Brick Co., 10553 Euclid av
Newburgh Brick & Clay Co., Engineers' bldg
Ohio Clay Co., Guardian bldg
Standard Brick Co., Valley Ry
CLYDE—Clyde Brick & Tile Works
COAL GROVE—Petersburg Fire Brick & Tile Co.
COLD WATER—Birkmeyer, Mescher & Co. (Brick & Tile)
COLUMBUS—Claycraft Mining & Brick Co., Hartford bldg
Columbus Brick & Terra Cotta Co.
Columbus Fire & Face Brick Co., 16 So. 3rd
Franklin Brick & Tile Co., 8 E Long
Ironclay Brick Co.
Kulp Bros. Brick Co.
Schneider Brick Co.
Shawnee Flash Brick Co.
Sugar Grove Brick Co.
COLUMBUS GROVE — Columbus Grove Brick & Tile Co.
CONDIT—Chadwick W. W. (Tile)
CONNEAUT—United Brick Co.
CORWIN—Benecke F. F. & Son (Tile)
COSHOCTON—Coshocton Brick Co.
COVINGTON—Wagner J. G. (Brick & Tile)
CRIDERSVILLE—Beerline J. W. & Sons (Brick & Tile)
CUMBERLAND—Bay John C. & Son
CUYAHOGA FALLS—Keller Brick Co.
DAYTON—Boren John W. & Sons Co., Arcade bldg
Chadwick, W. H.
Crume Brick Co. (Sand Lime)
Hosket Chas F., 662 E Richard
Kempert A. F.
Kempert & Sherer
Telgler Bros.
Timmerman W. A.
DELAWARE—Delaware Clay Mfg. Co.
DELPHOS—Minzing Fred
DERBY—Hall J. L. & Son (Tile)
DESHLER—Rogers M. E. (Tile)
DOVER—Baab Bros.
DUPONT—Etter Bros.
DUVALL—Teegardin J. W. & Co. (Brick & Tile)
EAST LIVERPOOL—East Liverpool Brick Mfg. Co.
EIFORT—Portsmouth Refractories Co.
ELMORE—Gleckler Geo. (Brick & Tile)
ELYRIA—Wallhead Wm. A.
EMPIRE—(See Brick, Fire)
ERLIN—Vogt's Wm. Son (Tile)
FINDLAY—Hancock Brick & Tile Co.
FOREST—Young T. M. (Tile)
FORT JENNINGS—Mericle Aaron (Tile)
FORT LORAMIE—Wagler C. C.
FORT RECOVERY—Fort Recovery Tile Co. (Tile)
FREMONT—Fremont Tile & Brick Co. (Brick & Tile)
Halbeisen F. (Tile)
Potter D. M.
Riverside Fuel & Supply Co.
FULTON—Fulton Brick & Tile Co. (Brick & Tile)
GALENA—Galena Clay Products Co.
GALLIPOLIS—McCormick Geo. H. Son & Co. (Tile)
GERMANTOWN—Crauder Henry (Tile)
GLANDORF—Nartker & Schroeder (Tile)
GLENWOOD—Noble Brick Co.
GOOD HOPE—Rife A. W. & J. Co. (Tile)
GREENSPRING—Young E. D.
GREENVILLE—Richeson, Nelson & Moore (Drain Tile)
GROVE CITY—Maxson Ira
GROVER HILL—Mowers H. H. & Co. (Tile)
HAMDEN—Puritan Brick Co. (See Detroit, Mich.)
HAMILTON—Hamilton Brick Co.
HANOVER—Hanover Red Pressed Brick Co.
HARPSTER—Conley, Joseph A.
HARRISON—Vincent Wm. C. & Son
HATTON—National Clay Co.
HAVILAND—Haviland Clay Works (Brick & Tile)
HILL GROVE—Daubenmire C. E. (Tile)
HOLGATE—Richholt Bros. (Brick & Tile)
IRONTON—Ashland Fire Brick Co.
Wileman & Helbing
JAMESTOWN—Dodd & Carpenter
JEFFERSON—Loftus Martin
KENTON—Schmidt Wiphart (Brick & Tile)
LACARNE—Ballin August E.
Ballin R. C.
LANCASTER—Cowden Brick & Tile Co.
Henry Robert
LARUE—LaRue Tile Co. (The)
LATTY—Schaefer E. P. (Tile)
LAURELVILLE—McClelland Tile Co.
LEIPSIC—Terry R. T. (Brick & Tile)
LINDEN HEIGHTS—Mulby Bros.
LOGAN—Hocking Valley Brick Co.
Logan Clay Product Co.
LONDON—Carter & Foster
LOUISVILLE—Keim Brick & Tile Co.
Louisville Brick & Tile Co.
LYKENS—Zellner Harvey
McARTHUR—McArthur Brick Co.
McCLURE—Kaylor John
MALVERN—Malvern Fire Clay Co.
Medal Paving Brick Co. (See Cleveland, O.)
Robinson Clay Product Co.
MAPLETON—Keim Brick Tile Co.
MARIA STEIN—Goecke Jos. (Tile)
MARION—Dix-Mason Brick Co.
Hoyles J. T. (Brick & Tile)
MARK CENTER—Hire Stave & Tile Co.
MARSEILLES—Althouse S. W. & Son (Tile)
MARTIN—Gerkensmyer H.
MARYSVILLE—Williams & McIntyre Co. (Tile)
MASSILLON—Everhard Co.
Massillon Brick Co.
Massillon Stone & Fire Brick Co.
MELVIN—Melvin Tile & Brick Co.
MENDON—Fox L. E. & Son (Tile)
MIDDLEPORT—Middleport Brick Co.
MIDDLETOWN—Smith Wm. & Co.
MILLBURY—Diefenthaler Co. (Brick & Tile)
MILLER CITY—Miller City Tile Co. (Tile)
MILLERSBURG—Millersburg Brick & Tile Co.
MILLERSPORT—Brison Bros.
MINERAL CITY—Federal Clay Product Co. (Sewer, Circle, Foundations, etc)
Holden Clay Products Co.
Markley Geo. J.
MINSTER—Steineman Anna M. (Tile)
MOGADORE—Colonial Pressed Brick Co.
MONROEVILLE—Mason H. R. (Tile)
MORRAL—Morral Drain Tile Co. (Tile)
MOUNT ORAB—Watson A. R. (Tile)
MOUNT VERNON—Wolfe Arthur C.
MOUNT VICTORY—Postle D. C. (Tile)
NANKIN—Rockenfelder Julius (Tile)
NAPOLEAN—Mehring John A. (Brick & Tile)
Yarnell & Yarnell (Brick & Tile)
NELSONVILLE—Nelsonville Brick Co.
NEVADA—Kuenzli Bros. (Tile)
NEWARK—Vogelmeier Bros.
NEW COMERSTOWN—Novelty Brick & Coal Co.
NEW LONDON—Biglow E. Co. (Brick & Tile)
Richards Samuel (Tile)
NEW STRAITSVILLE—Straitsville Impervious Brick Co.
NORTH CREEK—Neff Bros. (Tile)
NORTH INDUSTRY—Starkey John
NORTH ROBINSON—McDougal Victor
NORWOOD—Suer H. & Sons, Marburg av, bldg
NORWALK—Norwalk Brick & Stone Co.
OAK HARBOR—Gleckler Fred. (Tile)
Kramb Brick & Tile Co. (Brick & Tile)
OAK HILL—Aetna Fire Brick Co.
Davis Fire Brick Co.
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
OBERLIN—Oberlin Brick & Tile Co.
OSNABURG—Stark Brick Co.,
OTTAWA—Ottawa Tile Co. (Tile)
PAINESVILLE—Thompson Chas.
PAINTER CREEK—Swinger Oliver (Tile)
PAULDING—Klingler C. P. (Tile)
PAYNE—Anspaugh J. A. (Tile)
Garmroth Geo.
PERRYSBURG—Moser Wm.
Perrysburg Tile & Brick Co.
PICKERINGTON — Fernstenmaker W. H. & Son (Tile)
PIONEER—Lantz Fred. (Tile)
PLEASANT HILL—Deeter Isaac
PLEASANTVILLE—Miller N. H.
PORTSMOUTH—Heinisch Geo. H.
Portsmouth Refractories Co.
PORT WASHINGTON—Belden Brick Co.
RICHWOOD—Richwood Clay Co.
RIPLEY—Ripley Brick Co.
RITTMAN—Rittman Tile & Clay Products Co. (Tile, etc)
RIVER STYX—Ream A. B. (Tile)
ROCKFORD—King W. H. & Co.
ROYALTON—Allen & Hinckle (Brick & Tile)
SABINA—Darbyshire A. J.
SALINEVILLE—Ohio Clay Products Co.
SANDUSKY—Hinde Brick & Tile Co.
SHERWOOD—Schliesser William & Arnold
SHILOH—Prame F. J.
SIDNEY—Bennett H. E. & Co.
SOMERSET—Belden Brick Co.
SPARTA—Easterday Bros. (Bricks & Tile)
SPENCERVILLE—Schaffer G. W. (Tile)
Spencerville Tile Co. (Tile)
SPRINGFIELD—Grube, Adam & Son
STEUBENVILLE—Nicholson Brick Co.
STONE CREEK—Mumaw David G. (Tile)
SUGAR CREEK—Finzer Bros. Clay Co. (Tile)
Shepfer & Moomaw Bros.
SYCAMORE—Althouse Bros. (Tile)
TIFFIN—Heilman Bros.
Tiffin Brick Co.
TOLEDO—Collingwood Brick Co., Spitzer bldg.
Hydraulic-Press Brick Co.
Kohler Brick Co., St. Clair bldg.
Macomber Bros. Co.
Ohio Brick Co.
TORONTO—Toronto Fire Clay Co.
TRIMBLE—Trimble Paving Brick Co. (Building, Sewer, Sidewalk)
TROY—Troy Tile & Brick Co.
UHRICHSVILLE—Belden Brick Co.
Uhrichsville Clay Co.
UNION FURNACE—Columbus Brick & Terra Cotta Co.
UPPER SANDUSKY—Blaser E. G. (Tile)
WADSWORTH—Wadsworth Brick & Tile Co.
WARREN—Warren Brick & Tile Co.
WAYNESBURG—Whitacre-Greer Fireproofing Co.
WAYNESFIELD—Drain Tile Co.
WEST UNITY—Denman W. M. (Tile)
WEST MANCHESTER—Nelson Myers Co. (Tile)
WICKLIFFE—Kline John Brick Co. (Building & Sewer, Capacity 5,000,000)
WOOSTER—Wooster Shale Brick Co.
ZANESVILLE—Harris Brick Co.

OKLAHOMA.

ARDMORE—Ardmore Brick & Tile Co.
BARTLESVILLE—Bartlesville Vitrified Brick Co.
BLACKWELL—Blackwell Brick Co.
BOYNTON—Francis Vitric Brick Co.
CLAREMORE—Howard Brick Co.
McALESTER—Choctaw Pressed Brick Co
MANGUM—Mangum Pressed Brick Co.
MUSKOGEE—Muskogee Vitrified Brick Co
OKLAHOMA—American Brick & Tile Co
SAPULPA—Sapulpa Brick Co.
Sapulpa Pressed Brick Co.
SAPULPA—Sapulpa Pressed Brick Co.
TULSA—Tulsa Brick Co.

OREGON.

AURORA—Jost Jacob F.
BARLOW—Yost Jacob F.
PORTLAND—Columbia Brick Works, 277 Hawthorne
Standard Brick & Tile Co., 81 4th
Versteg Brick Co., 1027 Tillanook

PENNSYLVANIA.

ALLENTOWN—Frederick Brothers
Mattern E. G.
Swoyer Bros. Brick Co.
ALTOONA—Altoona Brick Co.
AUBURN—Auburn Shale Brick Co.
BEAVER FALLS—Douglas-Whisler Brick Co.
BELLEFONTE—Bellefonte Brick Co.
BLOOMSBURG—Bloomsburg Brick Co.
BOSTON—Harper C. M. C.
BRADDOCK—Keller & Milliken
BRADFORD—Alumina Shale Brick Co
Bradford Pressed Brick Co.
Kittanning Clay Products Co.
Pearl Clay Products Co.
Tuna Valley Pressed Brick Co.
BRIDGEVILLE—Mayer C. P. Brick Co.
BROOKVILLE—Humphrey Brick & Tile Co.
CAMERON—Cameron Clay Products Co., Dept. H
CARLISLE—Carlisle Brick Co.
CARNEGIE—Fort Pitt Stone & Brick Co.
CHESTER—Carr & McClaskey
Law Martha
CLEARFIELD—Clearfield Brick Mfg. Co.
Clearfield Clay Working Co.
Paterson Clay Products Co.
CLYMER—Clymer Brick & Fire Clay Co.
COPLAY—Rader Edward B.
CORRY—Corry Brick & Tile Co.
DARLINGTON—Darlington Brick & Mining Co.
DUBOIS—Dubois Clay Mfg. Co.
DUNBAR—Foltz D. C.
EASTON—Messer John B (Estate of)
Zehnder Brick Co.
EAST DOWNINGTOWN—Florey's Brick Wks.
EAST STROUDSBURG—Zacharias Jos. H.
EMAUS—Binder Bros.
EMPORIUM—Cameron Clay Products Co.
ERIE—Dudenhoeffer Co.
Dunn Brick Works
FALLSTON—Pennsylvania Clay Co.
Standard Fire Clay Co.
GREENSBURG—Keystone Clay Products Co.
GROVE CITY—Filer W. H.
HAMBURG—Tobias & Sheridan
HARRISBURG—Manchester Shale Brick Co.
HOLLIDAYSBURG—Portage Brick Co.
HOMESTEAD—Homestead Brick Co.
HOWARD—Howard Brick Co.
JOHNSONBURG — Yingling-Martin Brick Co.
JOHNSTOWN—Johnstown Clay Products Co.
KANE—Kane Brick Co.
KITTANNING—Daugherty Bros. Brick Co.
Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
KUSHEQUA—Kushequa Brick Co.
LANCASTER—Bomberger Brick Works
Pontz Adam
Pontz Jacob
Wise C. & Bro.
LANSDALE—Scholl Bros.
LANSDOWNE—Sullivan Jno.
LATROBE—Latrobe Brick Co.
LAYTON—Kier Fire Brick Co.
LEBANON—Mt. Gretna Brownstone Co. (Sand Lime)
Peerless Brick Co.
LEHIGHTON—Graver H. A.
LEWIS RUN—Alumina Shale Brick Co.
Bradford Pressed Brick Co. (See Bradford, Pa.)
LOCK HAVEN—Lock Haven Fire Brick Co.
McKEESPORT—Layton Fire Clay Co. (Sidewalk)
Tempest Brick Co., (Ltd.)
MILTON—Fries W. E.
MONESSEN—Monessen Brick Works

MONONGAHELA—Monongahela Clay Mfg. Co.
Monongahela Stone Clay & Brick Co.
MORTON—Ackerman Henry I.
MOUNT UNION—Mount Union Refractories Co.
MOUNTVILLE—Mountville Brick Co.
NEW BETHLEHEM—Canton Tile Hollow Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Ingram & Co.
NEW CUMBERLAND—Flurie E. E.
Landis Brick Co.
New Cumberland Brick Co.
NEW OXFORD—Alwine Bros. Brick Co.
Carbaugh Wm. H.
Staub James A.
NORRISTOWN—Norristown Brick Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Patton Clay Mfg. Co.
PENNSBURG—Reed Charles M.
Shankel Emanuel K.
PHILADELPHIA—Atlantic Brick Mfg. Co., 1218 Chestnut
Byrne Jos. T., 29th & Clearfield
Carroll H. C. & Sons, 67th & Gibson
Conway William, 5800 Walnut
Dougherty Edw., 5th & Wyoming av
Earley John H., Nicetown
Equitable Brick Mfg. Co., Perry bldg
Frankford Brick Works, Torsdle av
Gaynor Michael, 30th & Morris
Goodwin John A., 27th & Tioga
Hamburg Vitrified Brick Co., 20th & Sedgley
Hatten Owen, Fisher's la & 9th
Jarden Brick Co., Land Title bldg
Kelly Christopher, Fisher's av & Clinton, Olney
Keystone Brick Co., Godfrey E., 2d, St. Park
Leuton Brick Co., 25th & Passy'k av
Mack Mfg. Co. (Building & Foundation), Lincoln bldg
Martin Brick Co., Empire bldg
North Phila. Brick Works, Rising Sun & Luzerne
Phila. Brick Co., 23rd c Passayunk av
Pine Grove Vitrified Brick Co., 20th & Sedgley
Scott Brick Process Co, N American bldg
Seitter's F. Sons, Nicetown & G
Siner H. M. & C. B., Nicetown la & K
Webster & Keyser, 30th & Tasker bldg
Williams Grove Brick Co., 112H S. 16th
Wible R. B. & Son, 3404 Old Yard rd
PHILIPSBURG—Williams Grove Brick Co.
PITTSBURGH—Blair D. & Bros., Stanton & Black
Booth & Flinn (Ltd), 1942 Forbes
Entress Brick Co., Bedford av & Duff Hill
Fallston Fire Clay Co., Oliver bldg
Gloninger & Co., Arrott bldg
Iron City Brick & Stone Co., Stanton & McCandless avs
Johnetta Brick Co., 1203H Chamber of Commerce bldg
Kittanning Brick & Fire Clay Co., Empire bldg
Lambert R. R. Co., Taggart & Crispen
McFeely Brick Co., 1st Nat'l Bank bldg.
Martin Brick Co., Empire bldg
Miller & Coulson (Dealer), 5748 Ellsworth av.
Montour Brick Co., Imperial
Pennsylvania Clay Co., 421 Wood
Pittsburgh-Callery Brick Co., Wabash bldg
Pittsburgh Clay Product Co., Keenan bldg
Sankey Bros., 2112 Carson
Squirrel Hill Brick Co., Haldane & Connor
Vanport Brick Co., Farmers Bank bldg
Ward J. H. & Sons Co., Park & Nelson
Westmoreland Brick Co., 2nd Nat'l Bank bldg
Wilson Brick & Tile Co., Keenan bldg
Yingling Martin Brick Co.
PORTERS SIDELING—Brillhart Jacob S. & Sons
POTTSTOWN—Davidheiser F. B.
Garber Joseph S.
Roth Adam E.
PUNXSUTAWNEY — Punxsutawney Brick Co.
QUAKERTOWN—Henckeroth John
READING—Glen-Gery Shale Brick Co.
Kline D Milton
Reading Shale Brick Co.
REYNOLDSVILLE—Evans Thomas E.
Reynoldsville Brick & Tile Co.
ROYERSFORD—Thompson & Wills
ST. MARYS—Kane Brick & Tile Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SCRANTON—American Brick Co.
Federal Granite Brick Co.
Laurie James
Stipp Mathias
Stipp Peter & Sons
SHARPSBURG—Allegheny Brick Co., (Ltd.) (See Pittsburgh, Pa.)
SHIPPINSBURG—Bross & Shearer
SOUTH BETHLEHEM—Bingen Brick Co. (Ltd.)
Groman Bros. (Ltd)
SPEECEVILLE — Speeceville Brick Mfg. Co.
STOWE—Davidheiser F. B.
UNIONTOWN—Snider Edw.
Uniontown Brick Co.
United Fire Brick Co.
Williams J. V.
VANPORT—Gloninger & Co.
Vanport Brick Co.
WALTONVILLE — Hummelstown Brownstone Co. (Sand Lime)
WARREN—Highhouse's E. Sons
WASHINGTON—Donley Brick Co.
WATSONTOWN—Ferro Brick Co.
WAYNESBURG—Waynesburg Brick & Stone Co.
WILKESBARRE—Dickover Geo. T. & Son
Wyoming Valley Brick Co.
YORK—Grotbe William H.
Kissinger's Benjamin Sons
Miller Chas. E. Brick Mfg. Co.
Spring Garden Brick Co., (Ltd.)
York Shale Press Brick Co.

RHODE ISLAND.

PROVIDENCE—Barrington Steam Brick Co., 10 Weybosset
Providence Brick Co. (Sand Lime)

SOUTH CAROLINA.

BLUE BRICK—Pee Dee Brick & Tile Co.
CHERAW—Cheraw Brick Works
DARLINGTON—Darlington Brick & Tile Co.
DYSON—Dyson Brick Co.
GREENWOOD—Mays Brick Co.
NORTH AUGUSTA—Hankinson Brick Co
SUMMERVILLE—Summerville Brick Co.

SOUTH DAKOTA.

BIG STONE CITY—Gold Bros. Brick Co.
SIOUX FALLS—Sioux Falls Pressed Brick Co
WATERTOWN — Watertown Brick Co. (Sand Lime)

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
Howard Park Brick Co.
Key Jas. Brick Co.
Wells J. W. Brick Co.
CLARKSVILLE—Settle W. A.
COLUMBIA—Simpson Thos.
DYERSBURG—Nichols J. M.
Tennessee Brick & Tile Co.
JACKSON—Jackson Fire Brick Co.
Long J. B.
Southern Tile & Brick Works
KNOXVILLE—Davis W. M. & Son
Knoxville Brick Co.
Lonsdale Brick & Pottery Co.
McKENZIE—Costen, Moore & Co.
MARYVILLE — Jackson-Eagleton Brick Co.
MEMPHIS—Lyon C. B. & Son
Missio R. L. Brick & Supply Co.
South Memphis Brick Co.
NASHVILLE—Bush Building Co.
Fulcher Brick Co.
Lesueur W. D. & C. H.
Lewis E. T. Co.
PURYEAR—Dixie Brick & Tile Co.
ROBBINS—Southern Clay Mfg. Co.
UNION CITY—Bransford T. L. & Sons

TEXAS.

AUSTIN—Elgin Butler Brick & Tile Co.
BROWNSVILLE—Gulf Coast Brick & Tile Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co
COMANCHE—White Brick Co. (Sand Lime)
CORSICANA—Corsicana Brick Co.
DALLAS—Atlas Press Brick Works
Brown Brick Co.
Fraser Brick Co.
D'HARRIS—Seco Pressed Brick Co. ("Seco")
ELGIN—Elgin Butler Brick & Tile Co.
EL PASO—Atlas Brick Co.
El Paso Brick Co.
FERRIS—Diamond Press Brick Co.
Ferris Pressed Brick Co.
Globe Pressed Brick Co.
Lone Star Pressed Brick Co.
Texas Press Brick Co.
FORT WORTH—Cobb Brick Co.
GAINESVILLE—Gainesville Brick Co.
GONZALES—Sunset Brick & Tile Co.
HOUSTON—Vandaveer Jennings Co.
LAREDO—Johnson S. N.
MARLIN—Branson Brick Co.
MARSHALL—Higgins James
PALMER—Palmer Press Brick Works
SAN ANTONIO—Mackey Brick & Tile Mfg. Co.
San Antonio Sand Lime Brick Co.
Williams C. E. Brick Co.
STAMFORD—Bushel, R.
SULPHUR SPRINGS—Crush Brick & Tile Co.
TEXARKANA—Stevens A. W.
Texarkana Brick Co
WICHITA FALLS—Wichita Falls Brick & Tile Co.

UTAH.

OGDEN—Ogden Pressed Brick & Tile Co.
PROVO—Provo Brick & Tile Co.
SALT LAKE CITY—Improved Brick Co.
Kaysville Brick Co.
Salt Lake Pressed Brick Co.
Utah Fire Clay Co.
SMITHFIELD—Smithfield Brick & Tile Co.

VERMONT.

ESSEX JUNCTION—Drury Brick & Tile Co.

VIRGINIA.

ARLINGTON—Virginia Brick Co.
West Bros. Brick Co.
BUENA VISTA—Allegheny Slag Products Co. (Sand Lime)
Dickinson Fire Brick Co.
CHARLOTTESVILLE—Updike Eston
COVINGTON—Allegheny Brick Co.
Covington Brick Co.
DANVILLE—Watson Fitzgerald Co.
DRAKES BRANCH—Payne, R. W.
GLASGOW—Glasgow Clay Products Co.
HAMPTON—Richardson R. V.
LYNCHBURG—Adams Bros. Paynes Co.
Lynchburg Brick Co.
MANCHESTER—Redford Brick Works
NORFOLK—Eureka Brick Co.
Face E. W. & Son
Nansemond River Brick & Tile Co.
PETERSBURG—Turner W. R.
RICHLANDS—Richlands Brick Co.
RICHMOND—Burroughs & Mankin
Davis W. Benjamin Brick Co.
Fulton Brick Works
Powhatan Clay Mfg. Co.
South Side Brick Co.
ROANOKE — Adams, Payne & Gleaves, (Annual Capacity, 37,000,000)
SALEM—Salem Brick Co.
SUFFOLK—Suffolk Clay Co.
Virginia Brick Co.
TIP-TOP—Tip-Top Brick Co.
WEEMS—Buck Levin T. & Co.

WASHINGTON.

BELLINGHAM—Headrick F. E.
Miller J. F. & Brother
CHELAN—Dunham H. E.
Mathers D. C.
CLE ELUM—Hutter Frank
COLFAX—Easum Bros.
EVERETT—Everett Brick Co.
FREEMAN—Schieche Frank
GRANGER—Granger Brick & Tile Co.
HARPER—Harper-Hill Brick Co.
LEAVENWORTH—Gutherless J. E.
MEAD—Davie J. T. Brick Co.
SEATTLE—Abrahamson Brick Co.
Builders' Brick Co.
Denny-Renton Clay & Coal Co.
Harper-Hill Brick Co.
Lake Union Brick Co.
Lohse Brick Co.
Peerless Brick Co.
Seattle Brick & Tile Co.
SPOKANE—Davie J. T. Brick Co.
Dishman A. T.
National Brick Co. (Sand Lime)
Pioneer Brick Co
Spokane Pressed Brick Co.
Washington Brick, Lime & Sewer Pipe Co.
TACOMA—Goss F. H, Brick Co.
VANCOUVER—Carson Bros.
WALLA WALLA—Walla Walla Brick & Tile Co.
WENATCHEE—Standard Brick Co.
Wenatchee Brick & Tile Co.

WEST VIRGINIA.

CHARLESTON—Kanawha Brick Co.
Standard Brick Co
CLARKSBURG—Glen View Brick Co.
COLFAX—Colfax Brick Co.
ELKINS—Elkins Brick Co.
HUNTINGTON—West Virginia Paving & Pressed Brick Co.
HURRICANE—McCallister Wm. H.
MORGANTOWN—Morgantown Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
Claymont Brick Works
Mack Mfg. Co. (Building & Foundation)
PHILIPPI—Holt Samuel T. H.
PIEDMONT—Potomac Fire Brick Co.
WESTON—Keener Geo. I.
Weston Brick Works

WISCONSIN.

ARCADIA—Pahl August
ATHENS—Athens Brick & Tile Co.
AUGUSTA—Johnson W. E.
BARRON—Barron Red Pressed Brick Co.
BARRONETT—Larson Peter
Peterson Martin
BERLIN—Morris Chas. S.
BRILLION—Brillion Brick & Tile Co.
BRISTOL—Willett & Brown (Tile)
BURLINGTON—Burlington Brick & Tile Co.
CHILTON—Ricker L. H.
DE PERE—Hocker Bros.
Roffers John
Van Laanen Arnold
EDGAR—Hill Thomas
ELKHORN—Sprague E. H.
GRAND RAPIDS—Grand Rapids Brick Co.
Lessig John & Son
GREEN BAY—Green Bay Brick Co.
HIKA—Witte Gustav Jr.
JANESVILLE—Janesville Brick Works
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
Kemmeter Gottlieb
KENOSHA—Craney & Spaulding
LA CROSSE—Schnell & Son
LADYSMITH—Ladysmith Brick & Tile Co.

WISCONSIN—continued
MADISON—B. & M. Brick Co.
Stephens David (Est. of)
Wisconsin Brick Co.
MANITOWOC—Bertler's S. Sons Co.
Manitowoc Clay Products Co.
Woerfel Adolph
MENOMONIE—Excelsior Brick Co.
Hydraulic Press Brick Co.
Wisconsin Red Pressed Brick Co.
MILWAUKEE—Acme Brick Co. (Sand Lime)
Burnham Bros. Brick Co., 68 Wisconsin
Davelaar M. Son & Co., 153 Pryor av
Standard Brick Co., 496 Clement av
NEILLSVILLE—Schoengarth Aug.
NEW LONDON—Zerrenner Bros.
PORTAGE—Sanborn Brick & Ice Co.
PORT WASHINGTON—Gunther Bros.
RACINE—Haumerson F. H. & Sons
Hilker H. A.
SCHLEISINGERVILLE—Baehring H.
SHAWANO—Larson Thomas
SHEBOYGAN—Zimbal O. Brick Co.
STEVENS POINT—Langenberg Wm. E.
Stevens Point Brick Mfg. & Cons. Co.
UNION GROVE—Nisen Michael & Sons
WATERTOWN—Cordes L. H. & Co.
WAUPACA—Gminer C.
WAUSAU—Ringle Brick Co.
WAUWATOSA—Burnham Bros. Brick Co.

WYOMING.

CHEYENNE—Cheyenne Brick Co.
WHEATLAND—Goodrich Charles W.

1420— Brick (Cork)

Armstrong Cork Co., 24th & A V R R, Pittsburgh, Pa.
Armstrong Cork & Insulation Co. (For Stables, Shipping, Platforms, Machine Shops, etc.), 24th & A. V. R. R., Pittsburgh, Pa.
United Cork Companies ("Star"), 50 Church, New York

Brick (Cupola)

See Cupola Linings & Blocks

1421— Brick Dry Pressed

Cal. Brick Co., 604 Mission, San Francisco, Cal.
Industrial Supply Co., Keokuk, Iowa
Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.

1421a—Brick Dust (Fire Cement)

Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.

Brick (Dutch Clinker)

See Brick, Dutch Oven

1422— Brick (Dutch Oven)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1423-4— Brick (Enameled)

American Enameled Brick & Tile Co., 52 Vanderbilt av, New York
Central Nat Bank bldg, St. Louis, Mo.
Claycraft Mining & Brick Co., Hartman bldg, Columbus, O.
Hydraulic-Press Brick Co. ("Hy-namel"), Central National Bank bldg, St. Louis, Mo.
Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Martin Brick Co., Empire bldg, Pittsburgh, Pa.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Sayre & Fisher Co. (Also Ornamental), 261 B'way, New York
Sneyd Enameled Brick Co., Trenton, N. J.
Tiffany Enamel Brick Co., Momence, Ill.

Brick (Face)

See Brick (Front)

1425— Brick (Fire)

ALABAMA.

BESSEMER—Bessemer Fire Brick Co.
Bessemer Fire Brick Co., Birmingham, Ala.

CALIFORNIA.

LIVERMORE—Livermore Fire Brick Co.
LOS ANGELES—Los Angeles Pressed Brick Co.
St. Louis Fire Brick & Clay Co.
NILES—Livermore Fire Brick Works
SAN FRANCISCO—Clark N. & Sons, 116 Natoma
Funsten Clay Products Co., 55 New Montgomery
Gladding, McBean & Co., Crocker bldg
Ione Firebrick Co., Monadnock bldg
Livermore Fire Brick Works, 604 Mission
Mushet, W. E. Co. ("Wenco" Jobbers), 502H Mission
Pratt Building Material Co., Hearst bldg
CALIFORNIA—San Francisco—continued
Stockton Fire & Enamel Brick Co., Rialto bldg
United Materials Co., 618 Mission

COLORADO.

CANON CITY—Diamond Fire Brick Co.
DENVER—Denver Fire Clay Co.
Denver Pressed Brick Co.
Denver Sewer Pipe & Clay Co.
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

NEW HAVEN—Howard Co.
Stow Silas J. ("Stows" Patent)

DELAWARE.

NEWPORT—Kiamensi Clay Co.
WILMINGTON—Catlin R. H. Co. (Jobbers, all Grades)
Delaware Terra Cotta Co., 819 Shipley
Kiamensi Clay Co.

GEORGIA.

MACON—Stevens H. Sons Co.
MILLEDGEVILLE—Oconee Brick & Tile Co.
TIFFON—Tift Silica Brick Co.

IDAHO.

TROY—Idaho Fire Brick Co.

ILLINOIS.

CARBON CLIFF—Argillo Works
CHICAGO—Chicago Fire Brick Co., 133 W Washington
See adv index at end of book

Fire Brick and Hollow Clay Products
CHICAGO FIRE BRICK CO.
Manufacturers
133 W. WASHINGTON ST.
CHICAGO, ILL.

Chicago Retort & Fire Brick Co. ("Ajax"), 208 So La Salle
Chicago Sewer Pipe Co., 133 W Washington
Dee Wm. E. Co., 30 N La Salle
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Jackson Fire Brick Co., 20 W Jackson Blvd, Chicago, Ill.
Jointless Fire Brick Co., 30 N. La Salle
National Fireproofing Co., 327 S La Salle
Southern Fire Brick & Clay Co., 133 W Washington
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
OTTAWA—Chicago Retort & Fire Brick Co.
UTICA—Utica Fire Brick & Clay Co.

INDIANA.

BRAZIL—McNutt & McConnell Co.
FORT WAYNE—Moellering's Wm. Sons.
HILLSDALE—Lanyon D. N.
LOOGOOTEE—Loogootee Fire Clay Prods. Co.
MONTEZUMA—Burns & Hancock Fire Brick & Clay Co.

IOWA.

MASON CITY—Mason City Clay Works
VAN METER—Platt Pressed & Fire Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
See adv index at end of book

ASHLAND FIRE BRICK CO.
Three Plants Manufacturing
FIRE BRICK
Exclusively from the Highly refractory Kentucky Flint & Semi Flint Fire Clay.
Incorporated 1886
Ashland Kentucky

HIGHLAND PARK—Louisville Fire Brick Works
LOUISVILLE—Bannon P. Pipe Co.
Louisville Fire Brick Works
OLIVE HILL—General Refractories Co.

MAINE.

PORTLAND—Winslow & Co.

MARYLAND.

BALTIMORE—Baltimore Retort & Fire Brick Co., cor Hull & Nicholson
FROSTBURG—Big Savage Fire Brick Co.
Savage Mountain Fire Brick Co.
MOUNT SAVAGE—Union Mining Co. of Alleghany County
NORTH EAST—Green Hill Fire Brick Co.
North East Fire Brick Co.
United Fire Brick Co.
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Eastern Clay Goods Co., 141 Milk
Fiske & Co., 30 Franklin.
DIGHTON—Dighton Stove Lining Co.
TAUNTON—Presbrey Stove Lining Co.
Union Stove Lining Co.
Williams Stove Lining Co.

MICHIGAN.

DETROIT—Bellevue Furnace Co. (Special) 703 Bellevue av
Holcroft & Co., Book bldg
Holmes F. B. & Co., 3rd & York
Little Chas. H. Co., Dock River Rouge
Woodison E. J. Co., 1621 St. Aubin
IONIA—Ionia Pottery Co.

MINNESOTA.

NEW ULM—Aufderheide Fred

MISSOURI.

FULTON—Fulton Fire Brick Co.
KANSAS CITY—Dickey W. S. Clay Mfg. Co., N. Y. Life bldg
Hydraulic Press Brick Co., Rialto bldg, Kansas City, Mo.
MEXICO—Green A. P. Fire Brick Co.
ST. LOUIS—Evens & Howard Fire Brick Co, 920 Market
Hydraulic Press Brick Co. ("Hytex"), Central Nat Bank bldg
Laclede-Christy Clay Products Co., Railway Exchange bldg
Mississippi Glass Co., 4070 N Main
Missouri Fire Brick Co., Security bldg
Mitchell Clay Mfg. Co., 5627 Manchester av
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg
St. Louis Vitrified & Fire Brick Co., Wainwright bldg
Walsh Fire Clay Products Co., 4070 No Main

NEBRASKA.

BEATRICE—Beatrice Brick Works

NEW JERSEY.

CAMDEN—Reeves Augustus
JERSEY CITY—Gautier J. H. & Co., 1 Greene
MAURER—Maurer Henry & Son (All Kinds for Steel, Iron, Copper & Glass Works, Blast Furnaces, Rolling Mills, etc)
NEWARK—Sayre Jas. R. Jr. & Co., River
PERTH AMBOY — Didier - March Co. ("Didier" All Kinds, For Steel, Iron, Copper, Glass Blast Furnace, Rolling Mills, Gas Plants, Power Plants, etc).
Ostrander Fire Brick Co.
SAYREVILLE—Sayre & Fisher Co. (see New York City)
SOUTH AMBOY—South Amboy Terra Cotta Co.
TRENTON—Chambers A. Reeder
Sneyd Enameled Brick Co.
Trenton Fire Clay & Porcelain Co.
WOODBRIDGE—Berry James E.
Mutton Hollow Fire Brick Co.
Valentine M. D. & Bro. Co.

NEW MEXICO.

ANCHO—Ancho Brick Co.

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Hall & Sons

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Fire Brick Works, 88 Van Dyke
Greenpoint Fire Brick Co., 111 Clay

Boroughs of Manhattan and Bronx.

NEW YORK—American Arch Co., 30 Church
American Enameled Brick & Tile Co., 52 Vanderbilt av
Atlantic Terra Cotta Co., 1170 B'way
General Refractories Co., 111 B'way
Hoffman Chas. V. Co., Inc. ("Al Siv"), 95 Liberty, New York
Marcy Stove Repair Co., 74 Beekman
Maurer Henry & Son (All Kinds for Steel, Iron Copper & Glass Works, Blast Furnaces Rolling Mills, etc), 420 E 23d
National Fire Proofing Co., Flatiron bldg
Ostrander Fire Brick Co., 13 Park Row

Perth Amboy Fire Brick Co., 114 Liberty. Works: Perth Amboy, N. J.
Sayre & Fisher Co. (For All Purposes), 261 B'way

Borough of Richmond.

KREISCHERVILLE—Kreischer Brick Mfg. Co.
(End of New York City)
ROME—Betson Plastic Fire Brick Co.
SYRACUSE—Pack Geo. W. & Son
Robinson Clay Product Co.
TROY—McLeod & Henry Co. ("Steel Mixture" High Grade) 360 1st
Ostrander Fire Brick Co.

NORTH CAROLINA.

POMONA—Pomona Terra Cotta Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Pressed Brick Co.

OHIO.

AKRON—American Sewer Pipe Co.
Robinson Clay Product Co.
CANTON—Belden Brick Co.
C. & B. Clay Co., Canton, O.
CINCINNATI—Taylor Chas. Sons Co. (& Fire Tile), 710 Burns
Metropolitan Paving Brick Co., Canton, O.
CLEVELAND—Dover Fire Brick Co., Cuyahoga bldg
Federal Refractories Co.
National Fire Proofing Co., 836 Guardian bldg.
Shepard J. J., 1078 River av N. W.
STOWE-FULLER CO., THE, ("Alumilite"), Kirby bldg.
COAL GROVE—Petersburg Fire Brick & Tile Co.
COLUMBUS—Claycraft Brick Co. ("Indian Brand")
Claycraft Mining & Brick Co., Hartman bldg
Columbus Brick & Terra Cotta Co.
Columbus Fire & Face Brick Co., 16 So. 3rd
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
DELAWARE—Delaware Clay Mfg. Co.
ELFORT—Portsmouth Refractories Co.
EMPIRE—Minor Firebrick Co.
Standard Fire Brick Co.
Stratton Fire Clay Co.
IRONDALE—East Ohio Sewer Pipe Co.
Standard Fire Brick Co.
IRONTON—Ashland Fire Brick Co.
LOGAN—Logan Clay Product Co.
MAGNOLIA—Greer-Beatty Clay Co.
MALVERN—Malvern Fire Clay Co.
MARIETTA—Cisler Thos. & Co.
MASSILLON—Everhard Co.
Massillon Stone & Fire Brick Co.
MILLERSBURG—Millersburg Brick & Tile Co.
MINERAL CITY—Federal Clay Product Co.
Holden Clay Products Co.
NILES—Niles Fire Brick Co.
OAK HILL—Aetna Fire Brick Co.
Davis Fire Brick Co.
Diamond Brick Co. (Wire Cut)
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
Pyro Clay Products Co.
PORTSMOUTH—Carlyle Paving Brick Co.
Kentucky Fire Brick Co. ("Imperial" Steel)
Portsmouth Refractories Co.
SCIOTOVILLE—Scioto Firebrick Co.
STRASBURG—Columbia Fire Brick Co.
Dover Fire Brick Co.
National Fire Brick Co.
TOLEDO—Toledo Vitrified Brick Co., 622 Madison av
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Buckeye Fireclay Co.
Robinson & Son Sewer Pipe Co.,

PENNSYLVANIA.

BEECH CREEK—Penna. Fire Brick Co.
BOLIVAR—Gardner Jas. Jr. Co.
Soisson Joseph Fire Brick Co.
Vulcan Refractories Co.
CAMERON—Clay Products Co., Cameron, Pa.
CATASAUQUA—Lehigh Fire Brick Works
CLAYSBURG—Standard Refractories Co. (Silica)
CLEARFIELD—Clearfield Fire Brick Co.
Climax Fire Brick Co. (Refractory Climax), Clarion Co., Pa.
CONNELLSVILLE — Soisson Jos. Fire Brick Co.
COURTNEY—Courtney Firebrick Co.
CURWENSVILLE — Bickford Fire Brick Co.
Crescent Refractories Co.
See adv index at end of book

Crescent Refractories Company
FIRE CLAY BRICK & DUST
CRESCENT
Curwensville - Pennsylvania

DARLINGTON—Darlington Brick & Mining Co.
DUBOIS—DuBois Clay Mfg. Co.
DUNBAR—United Fire Brick Co.
EMPORIUM—Cameron Clay Prods. Co.
GLEASONTON—North Bend Fire Brick Co.
JOHNSTOWN—Haws A. J. & Sons, (Ltd.)
Swank's Hiram Sons
LATROBE—McFeely Brick Co.
LAYTON—Kier Fire Brick Co.
LOCK HAVEN—Lock Haven Fire Brick Co.
Queen's Run Fire Brick Co.
LOCKPORT STATION — Gardner James Jr. Co.
MEYERSDALE—Savage Fire Brick Co.
MILL HALL—Mill Hall Brick Works
MONACA—Welch-Bright Co.
MONONGAHELA — Courtney Fire Brick Co.
Monongahela Clay Mfg. Co.
MOUNT BRADDOCK—Eureka Fire Brick Works
MOUNT UNION—Mount Union Refractories Co.
NEW BRIGHTON—Brighton Fire Brick Co.
Fallston Fire Clay Co.
Ingram & Co.
Smith A. F. Co.
Standard Fire Clay Co.
NEWCASTLE—Newcastle Portland Cement Co.
ORVISTON—Hayes Run Fire Brick Co. (Difficult Shapes a Specialty)
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA—Borgner Cyrus Co., 234 N 23d
General Refractories Co., 1512 Chestnut
Hydraulic Press Brick Co., Real Estate Trust bldg.
Hyzer & Lewellen, 952 N 9th
Mack Mfg. Co., Lincoln bldg
Maurer Henry & Son, Penna. bldg
National Fire Proofing Co., Land Title bldg
Phila. Clay Material Co., 4629 W Girard av
Phila. Fire Brick Works, 2306 Vine
Remmey Rich. C. Son Co., Hedley & Delaware
PITTSBURGH—Blackfox Brick Co., 7 Wood
Fallston Fire Clay Co., Oliver bldg
Gloninger & Gloninger (North Savage)
Harbison-Walker Refractories Co. (All Kinds & Shapes for All Purposes). Farmers' Bank bldg
Johnetta Brick Co., 1203H Chamber of Commerce bldg.
Kier Fire Brick Co.
See adv index at end of book



"Salina"
"Lyon"
"Yough"
"Canister Rock"
Established 1845 Manufacturers of Pittsburgh, Pa.
HIGH GRADE FIRE CLAY AND SILICA BRICK

McFeely Brick Co., 1st Natl. Bank bldg
McLain Fire Brick Co., Fulton bldg
Manown Mfg. Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc), Oliver bldg
Pittsburgh Clay Product Co., Keenan bldg
Savage Mountain Fire Brick Co., 2nd National Bank bldg
Standard Firebrick Co., Diamond Bank bldg
Union Mining Co., Oliver bldg
Vanport Brick Co., Farmers Bk bldg
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg
READING—Fox E. S. & Co.
Reading Fire Brick Works
RENOVA—West Branch Fire Brick Co.
ROBINSON—Garfield Fire Clay Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc)
ROYERSFORD—Rogers & Co.
Thomas, Buckwalter & Co.
ST. MARYS—Elk Fire Brick Co.
See adv index at end of book

ELK FIRE BRICK COMPANY
ST. MARYS, PA.
REFRACTORIES
Warehouses and Branch Offices
Buffalo, N. Y. Boston, Mass.
Philadelphia, Pa. Hamilton, Canada

SALINA—Kier Firebrick Co.
SCRANTON—Wagner Fire Brick Co., Scranton, Pa.
SHARON—Sharon Fire Brick Co.
SNOW SHOE—Snow Shoe Fire Brick Co.
SOUTH FORK—South Fork Fire Brick Co.
UNIONTOWN—United Fire Brick Co.
WILLIAMS—Savage Fire Brick Co.
WILLIAMSPORT—Burns Fire Brick Co.
YORK—Barnitz Geo. A.

TENNESSEE.

CHATTANOOGA — Chattanooga Sewer Pipe Works
Chattanooga Sewer Pipe & Fire Brick Co.
Walsh & Weidner Boiler Co.
Jackson Fire Brick Co.

TEXAS.

ATHENS—Athens Brick & Tile Co.
AUSTIN—Elgin Butler Brick & Tile Co.
ELMENDORF—Star Clay Products Co.

UTAH.

OGDEN—Ogden Sewer Pipe & Clay Co.

VERMONT.

RUTLAND—Rutland Fire Clay Co. ("Rutland")

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.
SPOKANE—American Fire Brick Co.
Washington Brick, Lime & Sewer Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.
FAIRMONT—Hammond Fire Brick Co.
GRAFTON—Thornton Fire Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
Claymont Brick Works
Freeman Fire Brick Co.
Mack Mfg. Co.
THORNTON—Thornton Fire Brick Co.

1426— Brick (Fire Flashed)

Claycraft Mining & Brick Co., Hartman bldg, Columbus, O.
Federal Clay Product Co., Mineral City, O.
Golden Fire Brick Co., Denver, Col.
Hocking Valley Products Co., Columbus, O.
Hydraulic-Press Brick Co. ("Hy-tex"), Central Nat Bank bldg, St. Louis, Mo.
Ironclay Brick Co. ("Ironclay"), Columbus, O.
Progress Press Brick & Machine Co., King's Highway nr Arsenal, St. Louis, Mo.
Sayre & Fisher Co., 261 Broadway, N. Y.

1427— Brick (Forging Furnace)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
MacLead Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1428— Brick (Foundry)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.

1429— Brick (Front)

Firms indicated by a dagger (†) in front of their name manufacture both Standard & Roman sizes.

Manufacturers of Ornamental shapes are indicated thus (Also Ornamental) between their name and address.

CONSULT INDEX OF CONTENTS FOR OTHER BRICK & CLAY PRODUCTS

ALABAMA.

BIRMINGHAM — Copeland - Inglis Shale Brick Co.

ARIZONA.

TUCSON—Tucson Pressed Brick Co.

CALIFORNIA.

LOS ANGELES—Furlow Pressed Brick Co., 3001 San Pedro
†Los Angeles Pressed Brick Co. (All Shapes & Colors)
MODESTO—Modesto Repressed Brick Co.
NILES—Cal. Brick Co.
Cal. Pressed Brick Co.
Livermore Fire Brick Works
SAN FRANCISCO—Clark N. & Sons, 116 Natoma
Cal. Brick Co., 604 Mission
†Gladding, McBean & Co. (Buff & Ornamental), Crocker bldg
Livermore Fire Brick Works, 604 Mission
Pratt Building Material Co., Hearst bldg
United Materials Co. (Ornamental), 618 Mission
STOCKTON—San Joaquin Brick Co.

COLORADO.

BOULDER—Boulder Pressed Brick & Lumber Co.
DENVER—Colfax Pressed Brick Co.
Denver Pressed Brick Co. (Standard & Ornamental)
Denver Sewer Pipe & Clay Co.
LONGMONT—Longmont Brick & Tile Co. ("Lo-tex Rough Texture Face)
PUEBLO—Standard Fire Brick Co.
Summit Pressed Brick & Tile Co.

CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.
HARTFORD — Hartford Faience Co. (Enameled)
NEW HAVEN—Davis Wm. E. & Co.
Howard Co.
Montowese Brick Co.
Stiles I. L. & Son Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Virginia Brick Co., Colorado bldg
Washington Brick & Terra Cotta Co., 911 H N W
West Bros. Brick Co., National Savings & Trust bldg

GEORGIA.

MACON—Standard Brick Co. ("Cravenette," Impervious, etc)
Stevens H. Sons Co.
MILLEDGEVILLE—Oconee Brick & Tile Co.
ROME—Trammell & Son (Mottled Colors)

ILLINOIS.

ALTON—Alton Brick Co.
BELLEVILLE—Belleville Brick & Tile Co. (Red, Pressed & Ornamental)
BLOOMINGTON — Bloomington Pressed Brick Co.
CHICAGO—Bach Brick Co., 2647 Montrose av
Chicago Brick Co., 38 S Dearborn
Dee Wm. E. Co., 30 N La Salle
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Chamber of Commerce bldg
Illinois Brick Co., 111 W Wasn.
Kimbell S. S. Brick Co., 133 W Washington
Sexton Jno. M. L., 1459 Michigan av
COLLINSVILLE—Hydraulic-Press Brick Co. ("Hy-tex" Works)
DANVILLE—Western Brick Co. (Red & Brown Wire Cut, Colonial Brick)
DECATUR—Ammann & Co.
EDWARDSVILLE—Richards Brick Co.
HAMPSHIRE—Backus & Sholes
LA SALLE—†La Salle Pressed Brick Co. (Buff, Red, etc)
MASCOUTAH—National Pressed Brick Co.
NASHVILLE—Nashville Press Brick Co.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
QUINCY—Gem City Press Brick Co.
STREATOR—Barr Clay Co.
Streator Brick Co.

INDIANA.

ANDERSON—Indiana Brick Co. (Sand Moulder Face)
BRAZIL—Brazil Clay Co. (Buff Iron Spot, etc)
Brazil Face Brick Co.
Hydraulic-Press Brick Co. ("Hy-tex" Works)
BROOK—Brook Terra Cotta, Tile & Brick Co.
CAYUGA—Acme Brick Co. (Impervious Shale Face Brick)
HUNTINGBURG—Huntingburg Dry Press Brick Co.
INDIANAPOLIS—
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Board of Trade bldg
MONTEZUMA—Montezuma Brick Works
NEW ALBANY—Goetz Pressed Brick Co. (Red & Colors)
PORTER — Hydraulic-Press Brick Co. ("Hy-tex" Works)

IOWA.

BOONE—Boone Brick, Tile & Paving Co. (Vitrified)
DAVENPORT—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
DES MOINES—Des Moines Clay Co.
Maine James & Sons Co. (Sand Mold)
GLADBROOK—Gethmann Brick Co.
LEHIGH—Campbell James
Lehigh Clay Products Co.
MASON CITY—American Brick & Tile Co.
Mason City Clay Works
MONTICELLO—Dautremont Frank
VAN METER—Platt Pressed & Fire Brick Co.

KANSAS.

BUFFALO—Buffalo Brick Co.
BUFFVILLE—Kansas Buff Brick & Mfg. Co.
COFFEYVILLE — Coffeyville Vitrified Brick & Tile Co.
IOLA—Iola Brick Co. (Repressed, etc)
TOPEKA—Capital City Vitrified Brick & Paving Co.

KENTUCKY.

COVINGTON—Busse Brick Co.
FULTON—Bransford C. H. & Son
LEXINGTON—Lexington Brick Co.
LOUISVILLE—Southern Brick & Tile Co.
Coral Ridge Clay Products Co., Inter-Southern bldg.
MAYSVILLE—Sphar Brick Co.
NEWPORT—Newport Pressed Brick & Stone Co.

LOUISIANA.

BATON ROUGE—Baton Rouge Brick Yard
NEW ORLEANS—Ford F. Codman, ("Hy-Tex" Agency) (also Ornamental) 738 Union av
Salmen Brick & Lumber Co. (Ltd.) Whitney bldg

MAINE.

SACO—Saco Brick Co.
WATERVILLE—Purinton Horace Co.

MARYLAND.

BALTIMORE—Baltimore Brick Co. (Red) Maryland Trust bldg
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Title bldg
CUMBERLAND—Queen City Brick & Tile Co.
HAGERSTOWN—Hancock Shale Brick Co. (Colonial & Pressed)
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Boston Brick Co.
Fiske & Co. ("Tapestry," "Caledonian." All Colors & Shapes), 25 Arch
Parry Brick Co., 166 Devonshire
Phila. & Boston Face Brick Co. (Light & Red), 155 Milk
IPSWICH—Brown Walter G.
NORTHAMPTON—Bailey W. A.

MICHIGAN.

DETROIT—Clippert Geo. H. & Bro. Brick Co., 161 Virginia pk
Holmes B. F. & Co., 3rd & York
Michigan Pressed Brick Co., 480 Lawton
Puritan Brick & Tile Co., Farewell bldg
IONIA—Vander Heyden Fred H.
OXFORD—Michigan Pressed Brick Co.
ZEELAND—Zeeland Brick Co.

MINNESOTA.

CHASKA—Chaska Brick & Tile Co. (Sand Mould Veneers)
COON CREEK—Hydraulic-Press Brick Co. ("Hy-Tex" Works)
DRESBACH—Remp R.
MINNEAPOLIS—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Builders Exchange
Wisconsin Red Pressed Brick Co., Lumber Exchange
NEW ULM—Aufderheide Fred
ST. PAUL—Chaska Brick & Tile Co. (Veneer), Ryan bldg
Twin City Brick Co. (Buff, Red & Ornamental), Pioneer bldg
SHAKOPEE—Schroeder Brick & Lime Co.
SPRINGFIELD—Ochs A. C. Brick & Tile Co.
WARREN—Lundgren Edward
WRENSHALL—Hydaulic-Press Brick Co. ("Hy-tex" Works)

MISSISSIPPI.

BROOKHAVEN — Brookhaven Pressed Brick & Mfg. Co. (All Colors)
YAZOO CITY—Montgomery Land Co.

MISSOURI.

BRUNSWICK—Brunswick Brick & Tile Co.
CAPE GIRARDEAU — Cape Girardeau Press Brick Co.
DIAMOND—Hydraulic-Press Brick Co. ("Hy-tex" Works)
FESTUS—Festus Pressed Brick Co.
JACKSON—Kasten & Schmuke Pressed Brick Co.
KANSAS CITY—Buffalo Brick Co., Builders Brick & Mfg. Co.
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Rialto bldg.
LEXINGTON—Lexington Triumph Press Brick Co.
ST. CHARLES—St. Charles Brick Co.
ST. LOUIS—College Hill Press Brick Co., 1400 College av
Continental Brick Co. ("Continental" Cherry Red), Arcade bldg.
Enterprise Brick Works Co. (Red Pressed), Kingsway & Oak Hill R R tracks
Excelsior Press Brick Co., 1010 Chestnut
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Central Nat. Bk. bldg. (Home Office & Works 8 Plants)
†Ittner Anthony Brick Co. (Red & Ornamental), Odd Fellows bldg
Missouri Press Brick & Improvement Co., Marine av c Osage
National Pressed Brick Co., 407 N 8th
Progress Press Brick & Machine Co. (All Colors & Shapes), King's Highway, nr Arsenal
Superior Press Brick Co., 3190 S King's Highway

MONTANA.

ANACONDA—Anaconda Copper Mining Co.

NEBRASKA.

AVERY—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HASTINGS—Polenske Bros., Schellak & Co.
LINCOLN—Yankee Hill Brick Mfg. Co.
OMAHA—Hydraulic-Press Brick Co. ("Hy-tex" also Ornamental)
Smith Brick Co.

NEVADA.

RENO—Reno Pressed Brick Co.

NEW HAMPSHIRE.

GONIC—Boston Brick Co.

NEW JERSEY.

HACKENSACK—Hackensack Brick Co.
LITTLE FERRY—Mehrhof Brick Co.
NEWARK—Sayre Jas. R., Jr. & Co., River
OLD BRIDGE—Old Bridge Enameled Brick & Tile Co. (Enameled)
SAYREVILLE—Sayre & Fisher Co. (See New York City)
SOUTH RIVER—Pettit & Co
South River Brick Co.
TRENTON—Applegate Joseph
Donahoe & Nolan

NEW YORK.

ALBANY—Smith, Edw. J.
Jewettville Brick Co., Builders Exchange
Lancaster Brick & Tile Co., Builders' Exchange
Lyth A. & Sons Co., 48 W Eagle
Lyth Tile Co., 202 Pearl
Schmidt G. W., 180 Linwood av
JAMESTOWN—Jamestown Shale Paving Brick Co.
OLEAN—Olean Pressed Brick Co.
ROCHESTER—Rochester Composite Brick Co.
Flower City Brick Co., 446 Powers bldg.
Rochester Clay Brick & Tile Co., Dept. H
SYRACUSE—Merrick C. H.
Onondaga Vitrified Brick Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Chestnut Ridge White Brick Co. (Impervious Buff, Cream, White & Pink), 7 W 45th
Fiske & Co. ("Fisklock" "Tapestry," "Caledonian," "Harvard" all Colors & Shapes), 40 W. 32d
Fredenburg & Lounsbury (Mfrs. Agts), 381 4th av, New York
Sayre & Fisher Co. (Various Colors, Plain & Ornamental), 261 B'way

Borough of Richmond.

KREISCHERVILLE — Kreischer Brick Mfg. Co., (Buff, Mottled & Ornamental, All Kinds)

(End of New York City)

NORTH CAROLINA.

ELIZABETH CITY—Elizabeth City Brick Co.
POMONA—Pomona Terra Cotta Co.

OHIO.

AKRON—Akron Brick & Tile Co.
Akron Vitrified Clay Mfg. Co.
McCausland Bros.
ALLIANCE—Alliance Brick Co.
ATHENS—Athens Brick Co.
BATAVIA—Clermont Brick Co.
CANTON—Belden Brick Co.
Metropolitan Paving Brick Co., Canton, O.
CINCINNATI—Moores-Coney Co., St. Paul bldg
Suer B. & Sons, 1938 Duck Creek rd
Suer Herman & Sons, Marburg av & Hyde Park
CLEVELAND—Cleveland Bldrs.' Supply & Brick Co., H, Leader-News bldg
Cleveland Brick & Clay Co., B. of L. E. bldg
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), 900 Schofield
Ohio Clay Co. (Hollow & Face Brick)
CLINTON—Belden Brick Co.
COLUMBUS—Claycraft Brick Co. ("Indian Brand" Velour, Red, Brown, Gun Metal & Chocolate)
Claycraft Mining & Brick Co., Hartman bldg
Columbus Brick & Terra Cotta Co. (Fancy, Buff & Grey Speckled)
Columbus Fire & Face Brick Co., 16 So 3rd
Franklin Brick & Tile Co., 8 E Long
Hocking Valley Products Co. ("Greendale Rug")
Ironclay Brick Co.

COSHOCTON—Coshocton Brick Co. (Non-Spot, etc)
DELAWARE—Delaware Clay Mfg. Co.
EIFORT — Portsmouth Refractories Co. (See Portsmouth)
HAMILTON—Hamilton Brick Co.
HANOVER—Hanover Red Pressed Brick Co.
LOGAN—Logan Clay Product Co. ("Logan," Glazed Vitrified)
LOUISVILLE—Louisville Brick & Tile Co.
McARTHUR—McArthur Brick Co. (Red, Buff, Brown, Grey, etc)
MARIETTA—Acme Brick Co.
Cisler Thos. & Co.
MASSILLON—Everhard Co.
Massillon Brick Co.
MIDDLETOWN—Smith Wm. & Co. (Buff Only)
MINERAL CITY—Federal Clay Product Co. ("Sparta" Impervious Buff, Mottled, Flashed, Plain or Glazed)
Holden Clay Products Co. (Buff, Mottled, etc)
MOGADORE—Colonial Pressed Brick Co.
NEW LEXINGTON—New Lexington Clay Mfg Co.
NEW STRAITSVILLE—Straitsville Impervious Brick Co.
PORTSMOUTH—Portsmouth Paving Brick Co. (Red)
Portsmouth Refractories Co.
ROSEVILLE—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
SOUTH PARK — Hydraulic-Press Brick ("Hy-tex," Works)
STEUBENVILLE—Nicholson Brick Co.
STRASBURG—Columbia Fire Brick Co. (Buff)
National Fire Brick Co.
TOLEDO — Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Ohio bldg
TORONTO—Toronto Fire Clay Co. (Buff, Vitrified)
UHRICHSVILLE—Buckeye Fireclay Co.
Evans Clay Mfg. Co.
WADSWORTH—Wadsworth Brick & Tile Co.
WARREN—Warren Brick & Tile Co.

OKLAHOMA.

McALESTER—Choctaw Pressed Brick Co.
MANGUM—Mangum Pressed Brick Co.
SAPULPA—Sapulpa Brick Co. (Face)
Sapulpa Pressed Brick Co.

PENNSYLVANIA.

ALTOONA—Altoona Brick Co.
AUBURN—Auburn Shale Brick Co. (Red Shale Repressed & "Smyrna" Round Edge Face Brick)
BOSTON—Harper C. M. C.
BRADFORD—†Alumina Shale Brick Co. (Red Pressed & Ornamental)
Bradford Pressed Brick Co. (Red) Pressed & Ornamental)
Kittanning Clay Products Co.
CHESTER—Fields Brick Co.
CLEARFIELD—Clearfield Clay Working Co.
Clearfield Fire Brick Co.
CONNELLSVILLE — Soisson Jos. Fire Brick Co., Dept. H
COWAN — Hydraulic-Press Brick Co. ("Hy-tex" Works)
DARLINGTON—Darlington Brick & Mining Co. (Buff & Red)
DUBOIS — Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
FALLS CREEK—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HANOVER—Snyder Edw. H.
KITTANING—Kittaning Brick & Fire Clay Co. (Buff, etc)
KUSHEQUA—Kushequa Brick Co. (Oxblood, Red, Devonshire & Repressed)
LANSDALE—Scholl Bros.
LEHIGHTON—Graver, H. A.
MILL HALL—Mill Hall Brick Wks (Red)
MONESSEN—Monessen Brick Works
MONONGAHELA—Monongahela Clay Mfg. Co.
NEW BRIGHTON—Fallston Fire Clay Co. (Buff, Ornamental, etc)
Ingram & Co.
NEW GALILEE—Beaver Clay Mfg. Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA — Equitable Brick Mfg. Co., Perry bldg
Hamburg Vitrified Brick Co., 20th & Sedgley
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Real Estate Trust bldg
†Jarden Brick Co. (Red & Ornamental), Land Title bldg
Ketcham O. W., 24 S 7th
Mack Mfg. Co., Lincoln bldg
PITTSBURGH—Fallston Fire Clay Co. (Buff, Ornamental, etc), Oliver bldg
Gloninger & Co., Arrott bldg
Johnetta Brick Co., 1203H Chamber of Commerce bldg.
Kittaning Brick & Fire Clay Co. ("Kittaning," Buff, Grey & Mottled, Standard & Roman Shapes), Empire bldg
Martin Brick Co., Empire bldg
Pittsburgh Clay Products Co., Keenan bldg.
Star Works, 22nd & Railroad
Vanport Brick Co., Farmers Bank bldg
Walker Hay Brick Co., 1924 Farmers' Bank bldg.
See adv index at end of book
Westmoreland Brick Co. (Buff), 2nd National Bank bldg
Yingling Martin Brick Co. (Art Brick)
READING—Moyer & Co.
Glen Gerry Shale Brick Co., 9H N. 5th
Reading Shale Brick Co.
RIDGWAY—Ridgway Brick Co. (Red, etc)
ST. MARYS—Kane Brick & Tile Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SHAMOKIN—Union Brick Co. (Buff & Red)
UNIONTOWN — United Fire Brick Co. (Buff, etc)
Williams J. V.

SOUTH CAROLINA.

SUMMERVILLE—Summerville Brick Co.
SUMTER—Sumter Brick Works

SOUTH DAKOTA.

SIOUX FALLS—Sioux Falls Pressed Brick Co.

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
Key-James Brick Co. (All Colors), Chattanooga, Tenn.
DYERSBURG—Nichols J. M.
KINGSPORT—Kingsport Brick Corp.
MEMPHIS—South Memphis Brick Co. (Red)
NASHVILLE—Bush Building Co.
Fulcher Brick Co.

TEXAS.

AUSTIN—Elgin Butler Brick & Tile Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
EL PASO—El Paso Brick Co.
FERRIS—Ferris Pressed Brick Co.
Lone Star Pressed Brick Co.
FORT WORTH—Acme Brick Co.
GAINESVILLE—Gainesville Brick Co.
SAN ANTONIO—Mackey Brick & Tile Mfg. Co., San Antonio, Tex.

UTAH.

PROVO—Provo Brick & Tile Co.
SALT LAKE CITY—Salt Lake Pressed Brick Co.

VIRGINIA.

NORFOLK—Lawrenceville Brick & Tile Co.
Nansemond River Brick & Tile Co.
RICHMOND—Burroughs & Mankin

WASHINGTON.

SEATTLE—Abrahamson A. Brick Co.
Denny-Renton Clay & Coal Co. (Plain & Ornamental)
Harper-Hill Brick Co.
SPOKANE—American Fire Brick Co. (Mica Dry Pressed Brick Yards)
Washington Brick, Lime & Sewer Pipe Co. (White & Cream Face Brick & Repressed Brick)
WALLA WALLA—Walla Walla Brick & Tile Co.

WEST VIRGINIA.

ELKINS—Elkins Brick Co.
NEW CUMBERLAND—Mack Mfg. Co. (Vitrified)

WISCONSIN.

BARRON—Barron Red Pressed Brick Co.
JANESVILLE—Freese Bros.
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
MILWAUKEE—Standard Brick Co., 496 Clement av
RACINE—Hilker Bros. Brick Mfg. Co.
STEVENS POINT—Langenberg Wm. E.

1430-1-2— Brick (Furnace Arch & Roof)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Johnetta Brick Co., 1203H Chamber of Commerce bldg., Pittsburgh, Pa.
McLeod & Henry Co., 350 1st, Troy, N. Y.
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.

1433-4—Brick (Glass Furnace & Tank)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Bickford Fire Brick Co., Curwensville, Pa.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Gill Clay Pot Co., Muncie, Ind.
Glass Brick Co., 1st Nat Bnk Bldg, Cincinnati, O.
Harbison-Walker Refractories Co. (Silica), Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver, Pittsburgh, Pa.
See adv index at end of book
Portsmouth Refractories Co., Portsmouth, Ohio
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1435-6— Brick (Glazed)

American Enameled Brick & Tile Co., 52 Vanderbilt av, New York
Atlantic Terra Cotta Co., 1170 B'way, New York
Claycraft Mining & Brick Co., Hartman bldg, Columbus, O.
Federal Clay Product Co., Mineral City, O.
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
Golden Fire Brick Co., Denver, Colo.
Hydraulic-Press Brick Co. ("Hy-Tex"), Board of Trade bldg, Indianapolis, Ind.
Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.
Logan Clay Products Co. (Vitrified, Encaustic & Rock Faced), Logan, O.
Markley Geo. J., Mineral City, O.

1437—Brick (Heating Furnace)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1438-9— Brick (Hollow)

Akron Brick & Tile Co. (Shale), Akron, O.
American Brick & Tile Co., Mason City, Ia.
Brazil Clay Co., Brazil, Ind.
Chaska Brick & Tile Co., Ryan bldg, St. Paul, Minn.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Coral Ridge Clay Products Co., Inter-Southern bldg., Louisville, Ky.
Denver Sewer Pipe & Clay Co., Denver, Col.
Diamond Brick Co., Oak Hill, O.
Far West Clay Co., Tacoma, Wash.
Franklin Brick & Tile Co., 8 E Long, Columbus, O.
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
Flower City Brick Co., 446 Powers bldg., Rochester, N. Y.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Golden Fire Brick Co., Denver, Colo.
Hanover Brick Co., Morristown, N. J.
Klein C. H. Brick Co., Chaska, Minn.
Lancaster Brick & Tile Co., Builders' Exchange, Buffalo, N. Y.
McCutcheon C. H., Lancaster, N. Y.
McEwing & Thomas Clay Products Co., Fullerton bldg, St. Louis, Mo.
Mason City Brick & Tile Co., Mason City, Iowa
Mason City Clay Works, Mason City, Ia.
Maurer Henry & Son, 420 E 23d, New York
Merrick C. H., Syracuse, N. Y.
Merwin C. P. Brick Co., Berlin, Conn.
Millersburg Brick & Tile Co., Millersburg, Ohio
Ochs A. C. Brick & Tile Co., Springfield, Minn.
Onondaga Vitrified Brick Co., Syracuse, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg., St. Louis, Mo.
Penna Fire Proofing Co., Erie, Pa.
Sayre & Fisher Co., 261 B'way, New York
Sioux City Brick & Tile Co., Sioux City, Iowa
Standard Brick Co., Macon, Ga.
Troy Fireproofing Co., Troy, N. Y.
Whittacre-Greer Fire Proofing Co., Waynesburg, Ohio

1440— Brick (Ladle)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Johnetta Brick Co., 1203H Chamber of Commerce bldg., Pittsburgh, Pa.
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, O.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1441— Brick (Lead Softening Furnace)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1442— Brick (Lime Kiln)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Bickford Fire Brick Co., Curwensville, Pa.
Brighton Fire Brick Co., New Brighton Pa.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book

BRICK (LIME KILN)—continued
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Maurer Henry & Son, 420 E 23d, New York
Portsmouth Refractories Co., Portsmouth, Ohio
Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill.
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

Brick (Locomotive Arch)

See Locomotive Tiles

1443— Brick (Magnesia)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Catlin R. H. Co., Wilmington, Del.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 1512 Chestnut, Phila., Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Mount Union Refractories Co., Mount Union, Pa.

1444— Brick (Magnesite)

American Refractories Co., Union Arcade bldg., Pittsburgh, Pa.
Atkins, Kroll & Co., 260 California, San Francisco, Cal.
Federal Refractories Co., Cleveland, O.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Mount Union Refractories Co., Mount Union, Pa.
Phoenix Iron Co. ("Metalcase"), 22 S 15th, Phila., Pa.
Standard Fire Brick Co., Pueblo, Col.
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, O.

1445—Brick (Malleable Furnace Shapes)

Bickford Fire Brick Co., Curwensville, Pa.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pennsylvania Fire Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, Ohio
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, O.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1446-7— Brick (Oil Heating Furnace)

Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1448— Brick (Pompeiian)

Firms indicated by a (†) in front of their name manufacture both Standard and Roman sizes
Everhard Co. (Mottled, etc), Massillon, O.
†Fallston Fire Clay Co. (Mottled & Ornamental), Oliver bldg, Pittsburgh, Pa.
Federal Clay Product Co., The (Mottled & Ornamental), Mineral City, O.
Gloninger & Co., Arrott bldg, Pittsburgh, Pa.
Golden Fire Brick Co. (Mottled & Ornamental), Denver, Colo.
†Ironclay Brick Co., Columbus, O.
†Jarden Brick Co. (Mottled & Ornamental), Land Title bldg, Phila., Pa.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
La Salle Pressed Brick Co., La Salle, Ill.
Powhattan Clay Mfg. Co., Richmond, Va.;
†Progress Press Brick & Machine Co. (Also Ornamental), Kingshighway nr Arsenal, St. Louis, Mo.
United Fire Brick Co., Uniontown, Pa.
Vanport Brick Co. (Standard Shapes Only), Farmers Bank bldg, Pittsburgh, Pa.

1449— Brick (Porcelain)

Sayre & Fisher Co. (Dull Finish, White), 261 B'way, New York
Union Porcelain Works (Lock Arch & Straight), 300 Eckford, Brooklyn, New York

1450— Brick (Pottery Kiln)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1451-2— Brick (Puddling Furnace)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1453—Brick (Regenerator or Checker)

Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Didier-March Co. ("Didier") Perth Amboy, N. J.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

Brick (Rock Faced)

See Steel Brick & Rock Face Siding

1454— Brick (Rotary Kiln)

Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Dickey W. S., Clay Mfg. Co., Kansas City, Mo.
Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

1454a— *Brick (Salt Glazed)

HOCKING VALLEY FIRE CLAY CO., Nelsonville, Ohio
Stark Brick Co., Canton, O.

1455-6— Brick (Sand Lime)

See also Brick, Common
Acme Brick Co., Milwaukee, Wis.
Allegheny Slag Products Co., Buena Vista, Va.
Atlas Brick Co., El Paso, Tex.
Bakersfield Sandstone Brick Co., Bakersfield, Cal.
Bay State Brick Co., Indian Orchard, Mass.
Belt Line Brick Co., Builders Ex, Minneapolis, Minn.
Bodwell Brick & Tile Co., Kansas City, Mo.
Bond Sandstone Brick Co., Lake Helen, Fla.
Brown Stone Store Co., Waltonville, Pa.
Buffalo Sandstone Brick Co., Buffalo, N. Y.
Crume Brick Co., Dayton, O.
Federal Carbonic Brick Co., Detroit, Mich.
Federal Granite Brick Co., Scranton, Pa.
Flood & Hall Inc., Detroit, Mich.
Furlow Pressed Brick Co., Pasadena, Cal.
Gary Sand Lime Brick Co., Hammond, Ind.
Grande Brick Co., Grand Rapids, Mich.
Granite Brick Co., Michigan City, Ind.
Hummelstown Brownstone Co., Waltonville, Pa.
Indian Sand Lime Brick Co., Greenfield, Ind.
Jackson-Lansing Brick Co., River Junction, Mich.
Lake Superior Stone Brick Co., Calumet, Mich.
Medfield Silica Co., Medfield, Mass.
Menominee Brick Co., Menominee, Mich.
Michigan Pressed Brick Co., 480 Lawton, Detroit, Mich.
Minneapolis Sand-Lime Brick Co., 307 Kasota, Minneapolis, Minn.
Mt. Gretna Brownstone Co., Lebanon, Pa.
Mouse River Brick Co., Denbigh, N. D.
National Brick Co., Spokane, Wash.
New Orleans Silicate Brick Co., New Orleans, La.
North Indiana Brick Co., Michigan City, Ind.
Ohlemacher Brick Co., Michigan City, Ind.
Paragon Plaster Co., 300 W Water, Syracuse, N. Y.
Penbryn Brick Co., Bridgeton, N. J.
Plant City Composite Brick Co., Plant City, Fla.
Providence Brick Co., Providence, R. I.
Range Sand Lime Brick Co., Pengilly, Minn.
Rochester Composite Brick Co., Rochester, N. Y.
Rochester Sand & Brick Co., Rochester, N. Y.
Sacramento Pressed Brick Co., Sacramento, Cal.
Saginaw Brick Co., Saginaw, Mich.
San Antonio Sand Lime Brick Co., San Antonio, Tex.
Sand Lime Brick Co., Boise, Idaho
Sebewaing Sandstone Brick Co., Sebewaing, Mich.
Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
South Michigan Brick Co., Kalamazoo, Mich.
Sugar Grove Brick Co., Columbus, O.
Tift Silicate Brick & Stone Co., Albany, Ga.
Watertown Brick Co., Watertown, S. D.
White Brick Co., Comanche, Tex.
Winchester Brick Co., Boston, Mass.
Winchester Granite Brick Co., Winchester, Ky.
Wisconsin Brick Co., Madison, Wis.

1457-8— Brick (Silica)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Atkins, Kroll & Co., 260 California, San Francisco, Cal.
Blackfox Brick Co. ("B. F. R."), 7 Wood, Pittsburgh, Pa.
Catlin R. H Co., Wilmington, Del.
Diamond Fire Brick Co., Canon City, Col.
Didier-March Co. ("Didier"), Perth Amboy, N. J.
Everhard Co., Massillon, O.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 1512 Chestnut, Phila., Pa.
Golden Fire Brick Co., Denver, Col.
Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
Haws A. J. & Sons, Johnstown, Pa.
Kier Fire Brick Co. ("Lalina," "Yough"), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
McFeeley Brick Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Mount Union Refractories Co., Mount Union, Pa.
Niles Fire Brick Co., Niles, O.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Perth Amboy Fire Brick Co., 114 Liberty, New York, & Perth Amboy, N. J.
Portsmouth Refractories Co., Portsmouth, O.
Soisson Jos., Fire Brick Co., Connellsville, Pa.
Standard Fire Brick Co., Pueblo, Col.
Standard Refractories Co. ("Standard" Fire), Claysburg, Pa.
STOWE-FULLER CO., THE, Kirby bldg., Cleveland, O.
Tift Silica Brick Co., Tifton, Ga.
United Fire Brick Co., Uniontown, Pa.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.

1459-60-1-2-3—Brick (Soaking Pit)

Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.

Brick (Stove Lining)

See Stove Linings

1464-5 Brick (Velvet)

Claycraft Mining & Brick Co., Columbus, O.

1466—Brick (Vitrified Paving)

Firms Indicated by a (*) Star, also Manufacture Paving Blocks

ALABAMA.

BIRMINGHAM — Copeland-Inglis Shale Brick Co.
COALDALE—*Southern Clay Mfg. Co (See Chattanooga, Tenn.)

ARKANSAS.

LITTLE ROCK—*Arkansas Brick & Mfg. Co.

CALIFORNIA.

NILES—*California Brick Co.
SAN FRANCISCO—Cal. Brick Co., 604 Mission

COLORADO.

DENVER—Denver Sewer Pipe & Clay Co.

GEORGIA.

AUGUSTA—Georgia Vitrified Brick & Clay Co.

ILLINOIS.

ABINGTON—Abington Paving Brick & Tile Co.
ALBION—*Albion Vitrified Brick Co.
Albion Shade Brick Co.
ALTON—Alton Brick Co.
CHAMPAIGN—Sheldon Brick & Building Supply Co.
CHICAGO—Dee Wm. E. Co., 30 N La Salle
Garden City Sand Co., Chamber of Commerce bldg
Thomas Moulding Brick Co., 1203 Chamber of Comm.
DANVILLE—*Danville Brick Co.
EDWARDSVILLE—Banner Clay Works
GALESBURG—*Purington Paving Brick Co.
MURPHYSBORO — Murphysboro Paving Brick Co.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
PEORIA—Peoria Brick & Tile Co.
Carter, F. R.
SPRINGFIELD—Springfield Paving Brick Co.
STREATOR—*Barr Clay Co.
Streator Clay Mfg. Co.

INDIANA.

ATTICA—*Poston Clarence E.
BLOOMFIELD—*Bloomfield Brick Co.
BRAZIL—*Indiana Paving Brick & Block Co.
CLINTON—*Clinton Paving Brick Co.
CRAWFORDSVILLE — *Poston Paving Brick Co.
Standard Brick Co.
MARTINSVILLE—*Martinsville Brick Co.
MEDORA—Medora Shale Brick Co.
TERRE HAUTE—Terre Haute Vitrified Brick Co.
*Veedersburg Paver Co.

IOWA.

BOONE—*Boone Brick, Tile & Paving Co.
DES MOINES—Des Moines Brick & Tile Co.
*Flint Brick Co.
Iowa Pipe & Tile Co.
GLADBROOK—Gethmann Brick Co.
MASON CITY—Mason City Clay Works
SIOUX CITY—Sioux City Brick & Tile Co.

KANSAS.

BUFFALO—Buffalo Brick Co.
COFFEYVILLE — Coffeyville Vitrified Brick & Tile Co.
IOLA—Iola Brick Co.
Union Brick Co. (Repressed, etc)
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
PITTSBURGH—*Pittsburgh Paving Brick Co.
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.

KENTUCKY.

LOUISVILLE—*Bannon P. Pipe Co.

MARYLAND.

CUMBERLAND—*Queen City Brick & Tile Co.
WESTPORT—Westport Paving Brick Co.

MICHIGAN.

DETROIT—Little Chas. H. Co., Dock River Rouge
Puritan Brick & Tile Co., Farewell bldg
SAGINAW—*Saginaw Paving Brick Co.

MINNESOTA.

COON CREEK — Hydraulic-Press Brick Co. ("Hy-tex" Works)
MINNEAPOLIS — Hydraulic-Press Brick Co. ("Hy-tex"), Builders Exchange
Minneapolis Paving & Cement Brick Mfg. Co.

MISSOURI.

DIAMOND — Hydraulic-Press Brick Co. ("Hy-tex" Works)
KANSAS CITY—Buffalo Brick Co.
Hydaulic-Press Brick Co. ("Hy-tex"), Rialto bldg
ST. LOUIS—Alton Brick Co., Chemical bldg
Hydraulic-Press Brick Co. ("Hy-tex")
Ittner Anthony Brick Co., Odd Fellows bldg.

MONTANA.

HELENA—*Western Clay Mfg. Co.

NEW JERSEY.

MORRISTOWN—Hanover Brick Co.
SOUTH RIVER—Pettit & Co

NEW YORK.

BINGHAMTON—*Binghamton Brick Co.
*Binghamton Paving Block Co.
CORNING—*Brick, Terra Cotta & Tile Co.
JAMESTOWN—*Jamestown Shale Paving Brick Co.
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.
OLEAN—*Sterling Brick Co.

NORTH CAROLINA.

ELIZABETH CITY—Elizabeth City Brick Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Press Brick Co.
GRAND FORKS—Red River Valley Brick Corp.

OHIO.

AKRON—Akron Vitrified Clay Mfg. Co.
American Sewer Pipe Co.
Windsor Brick Co.
ALLIANCE—*Alliance Brick Co.
Alliance Clay Product Co.
ASHTABULA—*Burton Townsend Co.
ATHENS—Athens Brick Co.
CANTON—Belden Brick Co.
Big Four Clay Co.
Lincoln Paving Block Co.
*Metropolitan Paving Brick Co. (Daily Capacity, 1,000,000)
CINCINNATI—Harris Brick Co.
CLEVELAND—*Cleveland Brick & Clay Co., B of L E bldg
Cleveland Bldrs.' Supply & Brick Co., H, Leader-News bldg
*Medal Paving Brick Co., Swetland bldg
Newburgh Brick & Clay Co., Engineers bldg
Standard Brick Co., Valley rd
COLUMBUS—Hocking Valley Brick Co.
CONNEAUT—*Dunn Wire-Cut-Lug Brick Co. (Wire-Cut-Lug)
United Brick Co.
GLENWOOD—*Noble Brick Co.
LISBON—Excelsior Fire Clay Co.
LOGAN—*Logan Clay Product Co.
LOUISVILLE—Louisville Brick & Tile Co.
MARIETTA—Cisler Thomas & Co.
MASSILLON—*Massillon Brick Co.
*Massillon Stone & Fire Brick Co.
MIDDLEPORT—*Middleport Brick Co.
MINERAL CITY—Federal Clay Product Co.
MOGADORE—Granite Clay Co.
NELSONVILLE—*Nelsonville Brick Co. (Annual Capacity, 12,000,000)
NEW COMERSTOWN—Novelty Brick & Coal Co.
NORTH INDUSTRY—Starkey Jno.
OSNABURG—Stark Brick Co.
PORTSMOUTH—Carlyle Paving Brick Co.
*Peebles Paving Brick Co.
Portsmouth Paving Brick Co.
SCIOTOVILLE — Scioto Firebrick Co. ("Union")
TRIMBLE—Trimble Paving Brick Co.
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Advance Fire Clay Co.
Buckeye Fireclay Co.
WICKLIFFE—*Kline Jno. Brick Co. ("Buckeye," Capacity, 5,000,000)
WOOSTER—Wooster Shale Brick Co.
ZANESVILLE—Harris Brick Co.

OKLAHOMA.

BARTLESVILLE — *Bartlesville Vitrified Brick Co.
ENID—Enid Vitrified Brick & Tile Co.
MUSKOGEE—Muskogee Vitrified Brick Co.
PAWHUSKA—*Pawhuska Vitrified Brick & Tile Co.
TULSA—Tulsa Vitrified Brick & Tile Co.

PENNSYLVANIA.

AUBURN—*Auburn Shale Brick Co.
BRADFORD—*Tuna Valley Pressed Brick Co.
BRIDGEVILLE—Mayer C. P. Brick Co.
CLEARFIELD—*Clearfield Clay Working Co.
*Clearfield Brick Mfg. Co.
*Paterson Clay Products Co.
CONNELLSVILLE—Soisson Jos. Fire Brick Co.
CORRY—Corry Brick & Tile Co.
DUBOIS—Dubois Clay Mfg. Co.
FREEPORT—Freeport Clay Products & Mineral Co.
GREENSBURG—United Brick Co.
JOHNSTOWN—Haws A. J. & Sons
KITTANNING—Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
KUSHEQUA—*Kushequa Brick Co.
LATROBE—*Latrobe Brick Co.
LOCK HAVEN—Queen's Run Fire Brick Co.
McKEESPORT—*Layton Fire Clay Co.
MEYERSDALE—*Savage Fire Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Smith A. F. Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA — Hamburg Vitrified Brick Co., 20th & Sedgley. Works, Hamburg, Pa.
McAvoy Vitrified Brick Co, 1345 Arch
*Mack Mfg. Co., Lincoln bldg
Clydesdale Brick & Stone Co., Oliver bldg
PITTSBURGH—Fallston Fire Clay Co., Oliver bldg
Johnetta Brick Co., 1203H Chamber of Commerce bldg.
Mayer C. P. Brick Co., Washington & State
Penna Clay Co., 421 Wood
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg
READING—*Glen-Gery Shale Brick Co.
Reading Shale Brick Co.
REYNOLDSVILLE—*Reynoldsville Brick & Tile Co.
SHAWMUT—Shawmut Vitrified Paving Brick Wks. (& Blocks)
SCRANTON—*Stipp Peter & Sons
SHARON—*Sharon Clay Products Co.
WATSONTOWN—*Watsontown Brick Co.
WAYNESBORO—*Waynesboro Brick & Supply Co.

TENNESSEE.

CHATTANOOGA—Southern Clay Mfg. Co.
KNOXVILLE—Knoxville Brick Co.

TEXAS.

ATHENS—Athens Brick & Tile Co.
AUSTIN—Butler Brick Works
SAN ANTONIA—Mackey Brick & Tile Mfg. Co.
THURBER—Texas & Pacific Coal & Oil Co.

UTAH.

SALT LAKE CITY—*Salt Lake Pressed Brick Co.

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.
Seattle Brick & Tile Co.
SPOKANE—American Fire Brick Co.
*Washington Brick, Lime & Sewer Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.
FAIRMOUNT—Hammond Fire Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
*Mack Mfg. Co.

WISCONSIN.

MILWAUKEE—Burnham Bros. Brick Co., 8 Wisconsin

1467—Brick (Welding Furnace)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.

1468— Brick (White)

Chestnut Ridge White Brick Co., 7 W 45th. New York
Fiske & Co. (Also Ornamental), 30H Franklin, Boston, Mass.
Hydraulic-Press Brick Co. ("Hy-tex"), Central Nat Bank bldg, St. Louis, Mo.
Sayre & Fisher Co. (Also Ornamental), 261 B'way, New York
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.

1469— Brick (Wire-Cut Lug)

Alton Brick Co., Alton, Ill.
Bradford Pressed Brick Co., Bradford, Pa.
Clinton Paving Brick Co., Clinton, Ind.
Corry Brick & Tile Co., Corry, Pa.
Danville Brick Co., Danville, Ill.
Dunn Wire-Cut Lug Brick Co. (Patentees), Conneaut, O.
Kushequa Brick Co., Kushequa, Pa.
Medal Paving Brick Co., Swetland bldg, Cleveland, O.
Patterson Clay Products Co., Clearfield, Pa.
Reynoldsville Brick & Tile Co., Reynoldsville, Pa.
Southern Clay Mfg. Co., Chattanooga, Tenn.
Sterling Brick Co., Orlean, N. Y.
United Brick Co., Conneaut, O.
U. S. Sewer Pipe Co., Frick bldg, Pittsburgh, Pa.

1469a— Brick (Zinc Surface)

Walsh Fire Clay Products Co., 4070 N Main, St. Louis, Mo.

Bricklayers

See Contractors, Building & General

Bridge Builders (Steel)

See firms designated with a Star (*) under Steel Structural Work

1470— *Bridge Caissons

See also Caissons, Sheet Iron
Graver Wm., Tank Works, E Chicago, Ind.
See adv index at end of book
Heltzel Steel Form & Iron Co. The, Warren, O.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1471— Bridge Foundations

See also Caisson Foundations
Cranford Paving Co., 2620 E N W, Washington, D. C.
Cullen-Friestedt Co., 7 S Dearborn, Chicago, Ill.
Fath Construction Co., 4403 Perkins av, Cleveland, O.
Foundation Co. (Engineers & Contractors, Pneumatic, etc), 233 B'way, New York
Godwin Const. Co., 251 4th av, New York
McArthur Concrete Pile & Foundation Co. (Concrete), 120 B'way, New York
McMullen Arthur, Co., 150 B'way, New York
McMurry J. W. Contracting Co., Sharp bldg, Kansas City, Mo.
Midland Bridge Co., Midland bldg., Kansas City, Mo.
Masters & Mullen Construction Co., Rose bldg, Cleveland, O.
Neuchatel Asphalte Co. (Concrete), 79 Tompkins, New York
O'Rourke Engineering Construction Co., 17 Battery pl, New York
Raymond Concrete Pile Co., 140 Cedar, New York
Rodgers J. C., 271 W 125th, New York
Rust Engineering Co., 1901H 5th av., Pittsburgh, Pa.
Simplex Foundation Co., 3400 Disston, Phila., Pa.
Spearin George B., 90 West, New York
Syracuse Bridge Co. (Concrete, etc), Syracuse, N. Y.

1472-3— Bridge Railings

Bayley Wm. Co., Springfield, O.
Belmont Iron Works, 22d & Washington av, Philadelphia, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Canton Bridge Co., Dept. H, Canton, O.
Clepp Geo. B., 3717 Filbert, Philadelphia, Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Eastern Bridge & Structural Co., 88 Cushing, Worcester, Mass.
See adv index at end of book
Hallman Oliver F., Mont Clare, Pa.
International Steel & Iron Co., Evansville, Ind.
Massillon Bridge & Structural Co., Massillon, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1360 E 53d, Cleveland, O.
Roanoke Iron Works, Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wager Robert H., 149 B'way, New York
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

Bridge Timbers (Creosoted)

See Creosoting Works

1474— Bridges (Bascule)

American Bridge Co. (Rolling Lift), 30 Church, New York
Canton Bridge Co., Canton, O.
Case Crane & Engng. Co., Columbus, O.
Fawcus Machine Co., 2818-2828 Smallman, Pittsburg, Pa.
See adv index at end of book
King Bridge Co., Cleveland, O.
Lackawanna Bridge Co., Buffalo, N. Y.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
Penn Bridge Co., Beaver Falls, Pa.
Scherzer Rolling Lift Bridge Co. (Rolling Lift), Monadnock blk, Chicago, Ill.
Strauss, Bascule Bridge Co., 104 S Michigan av, Chicago, Ill.
Strobel Steel Construction Co. ("Rall" Bascule), Monadnock blk, Chicago, Ill.
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

1475— Bridges (Catenary)

Archbold-Brady Co. (For electric Railways,) Syracuse, N. Y.

1476—Bridges Coal & Ore Handling

See also Coal Storage Plant Construction

American Bridge Co., 30 Church, New York
Bergen Point Iron Works, Bayonne, N. J.
CHICAGO BRIDGE & IRON WORKS, 1319 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cornwall Mfg. Co. (Automobile), Penobscot av, Cleveland, O.
Link-Belt Company, 300 W. 39th, Chicisco, Cal. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Robins Conveying Belt Co., 13 Ann, New York
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

1477— Bridges (Hose)

Ohio Brass Co., Mansfield, Ohio
See adv index at end of book

Bridges (Rolling Lift)

See Bridges, Bascule

Bridges (Steel, Designers & Erectors)

See Firms in Steel Structural Work, marked with a (*) Star

1478— Bridges (Steel Girder)

See also Firms in Steel Structural Work, indicated by a (*) Star

American Bridge Co, 30 Church, New York
Case Crane & Engng Co., Columbus, O.
Central States Bridge Co., 601 Beecher, Indianapolis, Ind.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Eastern Bridge & Structural Co., 88 Cushing, Worcester, Mass.
See adv index at end of book
Good Roads Machinery Co (With Gas Pipe Railings), Kennett Square, Pa.
Independent Bridge Co., May bldg, Pittsburgh, Pa.
International Steel & Iron Co., Evansville, Ind.
King Bridge Co., Cleveland, O.
Kratzer W. N. Co., 3212 Smallman, Pittsburgh, Pa.
Lackawanna Bridge Co., Buffalo, N. Y.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
Lucius Engineering Co., Hartje Bldg., Pittsburgh, Pa
Luken Steel Co., Cratesville, Pa.
McClintic-Marshall Construction Company, Oliver bldg, Pittsburgh, Pa.
Massillon Bridge & Structural Co., Massillon, Ohio
Missouri Valley Bridge & Iron Co., Leavenworth, Kans.
PITTSBURGH-DES MOINES STEEL CO. 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.
Worden-Allen Co., Pt. Washington rd, Milwaukee, Wis.

1478a— *Bridges (Violin)

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

Brimstone

See Sulphur & Brimstone

1479— Bristles

Abeel Addison J., 181 Pearl, New York
American Trading Co., 25 Broad, New York
Amerman & Patterson (Imported), 21 State, New York
Ayres Bridges & Co. (Imp), 200 Summer, Boston, Mass.
Broverman Morris & Son (Imp), 100 Maiden la, New York
Caplan S. & Co. (Imp), 80 Pine, New York
Chesnutt Cooper & Co. (Imp), 100 William, New York
Cone Fred H. & Co. (Importer), 181 Front, New York
Conheim Herman, 70½ Pine, New York
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Du Pont E. I. de Nemours & Co., Inc., Salvage & Reclamation Div., Wilmington, Del. *See adv index at end of book*
Eaton, Schleich & Woll, 97 Maiden lane, New York
Fearon Brown Co. (Imp), 96 Wall, New York
Frost & Cundill, Inc. (Imp), 60 Wall, New York
Hamburger H. (Imported), 86 John, New York
Hartmann Pacific Co., Inc. (Imp.), 80 Wall, New York
Huesmann & Co. (Importers), 47 Cliff, New York
Klebansky Wolf, 246 S 3rd, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Nositzer Barnet, 307 Pearl, New York
Paxon J. W. Co., 1021 N. Delaware av, Philadelphia, Pa.
Polack Co. (Imp), 249 Pearl, New York
Rosenhirsch H. Co., 10 Goddard, Providence, R. I.
Schenkler Philip, 17 Burling sl, New York
Simmons Thos. W. & Co. (Imp.), 240 California, San Francisco, Cal.
Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.
VonStade F. W., 73 Beekman, New York
Wilkens Wm. Co., Frederick av & Wilkens, Baltimore, Md.
Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
Zeidman Co., 3109 S. Robinson, Chicago, Ill.

1480-1— Britannia Ware Mfrs.

See also Silverware

International Silver Co., Meriden, Conn.
Manning, Bowman & Co., Meriden, Conn.
Pia Peter F., 129 White, New York
Prisk Wm. M. & Sons Mfg. Co., Yatesville, Conn.

1482— Broaches (Push)

Spicer Mfg. Co., South Plainfield, N. J.
VELCO MFG. COMPANY, INC. ("Broachwell"), 305 Wells, Greenfield, Mass.
See adv index at end of book

1483— Broilers

Andrews Wire & Iron Wire Works (Wire), Rockford, Ill.
Automatic Wire Goods Mfg. Co. (Wire), 13-15 Canal pl, New York
Bramhall-Deane Co., 261 W 36th, New York
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Darby Edw. & Sons Co. (Wire), 412 N 18th, Phila., Pa.
Favorite Stove & Range Co. (Gasoline), Piqua, Ohio
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Lalance & Grosjean Mfg. Co. (Wire), 299 B'way, New York
Meek Oven Mfg. Co. ("Meek," Hotel Gas Broiler), Newburyport, Mass.
Miller Wm. Range & Furnace Co. (Charcoal, Coke, Sheet Steel), 125 E 5th, Cincinnati O.
National Enameling & Stamping Co. (Sheet Steel & Wire), 411 5th av, New York
Parker Wire Goods Co. (Wire, All Kinds), Worcester, Mass.
Reliable Stove Co., 1787 E 40th, Cleveland, O.
Sexton, S. B. Stove & Mfg. Co., 500 W. Conway, Baltimore, Md.
Stover Mfg. & Engine Co. (Cast Iron Metal), Freeport, Ill.
United Steel & Wire Co., Battle Creek, Mich.
Watkins J. Y. & Son, 20 Catharine, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wire), Worcester, Mass.
Wire Hardware Co. (Wire), 6126 S La Salle, Chicago, Ill.

1484— Broilers (Electric)

American Electrical Heater Co., Detroit, Mich.
Simplex Electric-Heating Co. ("Simplex") Cambridge, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Broilers (Gas)

See Stoves, Heaters & Ranges, Gas

1484a— *Brokers (Ship)

Page & Jones, Mobile, Ala.
See adv index at end of book

1485— Bromine

Dickinson J. Q. & Co. ("Kanawha"), Malden, W. Va.
Dow Chemical Co., Midland, Mich.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Pomeroy Chemical Co., Pomeroy, O.

1485a— Bromoform

Dow Chemical Co. (U. S. P.), Midland, Mich.
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl. New York

1486—Bronze Angles, Channels, Etc.

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book

1487—Bronze (Architectural & Ornamental)

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
Armor Bronze Co. (Decorative), 266 5th av, New York
Art Brass & Iron Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Barshal Equipment Co., 2031 Euclid av, Cleveland, O.
Bayer, Gardner-Himes Co., 101 Park av, N. Y.
Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.
Black & Boyd Mfg. Co., 432 E 23d, New York
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Builders Iron Works Co., St. Paul, Minn.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Burkhardt John, 531 W 55th, New York
Cabaret Paul E. & Co., 126 11th av, New York
California Artistic Metal & Wire Co. (Doors & Railings), 349 7th av, San Francisco, Cal.
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
Cleveland Art Metal Co., 3620 Superior, Cleveland, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Columbus Brass Co. (Brass & Bronze Door & Window Guard, etc.), 533 Dublin av, Columbus, O.
See adv index at end of book
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Detroit Mausoleum Equipment Works, 175 W Fort, Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
ESTEY BROS. CO., 270 Union Ave., Brooklyn, N. Y. *See adv index at end of book*
Federal Brass & Bronze Co., Ridge, Astoria, Borough of Queens, N. Y.
Feely W. J. Co., 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Gorham Co. Arch'l Bronze (Bank Work a Specialty), 5th av & 36th, New York. Works, Providence, R. I.
Guerin P. E. (Inc.), 21 Jane, New York
Halback, C. E. & Co., 23 E. 26th, New York

Harsch John, Bronze & Foundry Co., Madison av, Cleveland, O.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N. 11th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Jackson Wm. H. Company, 2 W 47th, New York.
Janusch Mfg. Co., 496 E 134th, New York
Keystone Ornamental Iron & Bronze Wks (Also Brass), 830 Howard, San Francisco, Cal.
Klaber S. & Co., 21 W 39th, New York
Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
McGANN T. F. & SONS CO., 117 Portland. Boston, Mass.
See adv index at end of book

T.F. McGANN & SONS CO.

117 Portland St. BOSTON, MASS.

Bronze Doors For Banks and Mausoleums

Bank Grilles and Rails

Bronze Tablets

Bronze Lamps

McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Mansfield Steel Corp., 288 Milwaukee av, E. Detroit, Mich.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Michael's Art Bronze Co., Covington, Ky.
Midland Metal Co., 21st & Jefferson, Phila., Pa.
Mills Wm. J. (Doors, etc), 198 Roebling,
Mills Wm. J. (Doors, etc), 25 Bainbridge,
Mott J. L. Iron Works, Trenton, N. J.
National Art Bronze Wks. Co., Pope & Carrie avs, St. Louis, Mo.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Plocher Andrew, Sons Co., Dayton, O.
Polachek John Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.
Richey Browne & Donald, Flushing av, Maspeth, N. Y.
Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.
Rudgear-Merle Co., 198 Bay, San Francisco, Cal.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Sterling Bronze Co., 16 E 40th, New York
Stolz Jos. & Son, Inc., 841 E 136th, New York
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Superb Bronze & Iron Co., 254 Park av, Brooklyn, N. Y.
Tiffany Studios, 361 Madison av, New York
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Metal Mfg. Co., Canton, O.
Wells Architectural Iron Co., River av & 151st, New York
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1488— Bronze Doors

American Art Metal Wks., 13 Grace, San Francisco, Cal.
Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Burkhardt John, 531 W 55th, New York
Cabaret Paul E. & Co., 126 11th av, New York
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Cal. Fire Proof Door Co. ("Wilcox"), 1931 S, Los Angeles, Cal.
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
Coleman Adelbert E. (Architectural, etc), 336 W 37th, Chicago, Ill.
Dahlstrom Metallic Door Co. (For Entrances to Office bldg. & Stations, Army Design Hollow Metal), 413 Buffalo, Jamestown, N. Y.
Detroit Mausoleum Equipment Works, 175 W Fort, Detroit, Mich.
Ellison Brass Mfg. Co. (Mausoleum Doors & Windows), Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Feeley W. J. Co. (Altar), 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Gorham Co. Arch'l Bronze (Cast & Plate), 5th av & 36th, New York. Works: Providence, R. I.
Guerin P. E., 21 Jane, New York
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Imperial Brass Mfg. Co. (Mausoleum), 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
McGANN T. F. & SONS CO. (Bank & Mausoleum), 117 Portland, Boston, Mass. *See adv index at end of book*
Mansfield Steel Corp., 288 Milwaukee av, E. Detroit, Mich.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Penn. Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Richey Browne & Donald, Flushing av, Maspeth, N. Y.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Steelite Co., 1902 W 77th, Cleveland, O.
Superb Bronze & Iron Co., 254 Park av, Brooklyn, N. Y.
Tiffany Studios, 361 Madison Av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1489— *Bronze Entrances

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1490-1—Bronze Founders (Architectural)

See also Castings, Bronze

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co., 126 11th av, New York
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
Detroit Mausoleum Equipment Works, 175 W. Fort, Detroit, Mich.
Feeley W. J. Co., 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Gorham Co., Arch'l Bronze, 5th av & 36th, New York. Works, Providence, R. I.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Johnson Service Co., 149 Michigan, Milwaukee, Wis.
Klaber S. & Co., 21 W 39th, New York
McGann T. F. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
Manhattan Brass Co., 332 E 28th, New York
Meneely & Co., Watervliet, N. Y.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
New Brunswick Iron Works, New Brunswick, N. J.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Roessing Bronze Co., Etna, Pa.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Tiffany Studios, 361 Madison av, New York
Williams John, Inc., 556 W 27th, New York

Bronze Lamps

See Lamps, Artistic Bronze & Wrought Iron

Bronze Letters for Building Fronts

See Bronze Tablets, etc

1492— Bronze (Manganese)

See also Castings, Manganese Bronze

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Columbian Bronze Corp., 522 5th av, New York.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.
Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
North Am. Copper Co., 52 Vanderbilt av, New York
Titanum Bronze Co., Inc., Niagara Falls, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.

1493—Bronze Monuments, Statuary, Urns, Etc.

Baumgarten Ernest Chas., Schulenburg, Texas
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co, 126 11th av, New York
Chypena Bronze Co., 1469 E 118th, Cleveland, O.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Kronheimer & Oldenbusch Co., 362 5th av, New York
McGANN T. F. & SONS CO. (Cire-Perdue-Process), 117 Portland, Boston, Mass.
See adv index at end of book

T. F. McGann & Sons Co.

117 Portland Street Boston, Mass.

BRONZE FOUNDERS OF

Monuments, Statuary, Busts, Bas-Reliefs, Urns, Sarcophagi, Fountains and Tablets

Oregon Brass Works (Cremation Urns), 73 W 2nd, Portland, Ore.
Parker Charles Co. (Cremation Urns), Meriden, Conn.
Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.
Tiffany Studios, 361 Madison av, New York
Williams Jno., Inc., 556 W 27th, New York
Wisconsin Iron & Wire Works (Crematory Urns), Milwaukee, Wis.

1494— Bronze Powders

Aluminum Co. of America (Aluminum Only), Oliver bldg., Pittsburgh, Pa.
American Bronze Powder Mfg. Co., 16 Warren, New York. Works: Verona, N. J.
Arnstein Eugene, 3433 S. Racine av, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Baer Bros., 438 W 37th, New York
Benda Geo, Inc ("Bendalin"), 112 E 19th, New York
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Bronze Powder Works Co., Elizabeth, N. J.
Chicago Bronze Co. (Imp), 110 W Lake, Chicago, Ill.
Corbett M. J. & Co. (Imported), 24 State, New York
Day, Jas. B. & Co., 224 W. Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Downing R. F. & Co. (Imported), 45 Pearl, New York
Drakenfeld B. F. & Co. ("Globe," Imp), 50 Murray, New York

BRONZE POWDERS—continued
Ehrmann Ludwig (Importers), 288 Bowery, New York
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Frost & Cundill, Inc. (Imp. of Japan), 60 Wall, New York
Fuchs & Lang Mfg. Co., 119 W 40th, New York
German-American Bronze Powder Mfg. Co. (Imp), 38 W 32d, New York
Gerstendorfer Bros., 221 E 42d, New York
Hemmerdinger L. & Co., 438 E 123d, New York
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Horn A. C. Co., Horn bldg, Long Island City, N. Y.
Illinois Bronze Powder Co. (Importers), 162 W Randolph, Chicago, Ill.
Kemp W. H. Co., 165 Spring, New York
Lawrence W. W. & Co., Pittsburgh, Pa.
Morrill Geo. H. Co., Norwood, Mass.
Pomeroy & Fischer, 95 Madison av, New York
Rauskolb Fred W. Co., 103 Arch, Boston, Mass.
Riessner T. (Imp), Gold & Ann, New York
Rosenbush & Solomon, Inc., 33rd & Shields av, Chicago, Ill.
Sartorius A. & Co. ("Crescent"), 57 Murray, New York
Schlegel Oscar Mfg. Co. (Aluminum, Gold, Bronze & Liquid), 124 E 13th, New York
Schultz's Michael Sons, 152 E Houston, New York
Seligman Arthur (Imp), 165 B'way, New York
Siebold J. H. & G. B. (Imp), 21 W Houston, New York
Thompson R. R., 90 West, New York
Uhlfelder Leo Co., 133 W 14th, New York
United States Bronze & Powder Works, Inc. ("Protoplast," "Sirius," "Bronzolin," also gold and aluminum), 220 W 42d, New York
Wheeler Asahel Co., 58 High, Boston, Mass.

Bronze Railings

See Bronze, Architectural

1495— Bronze Sheet

AMERICAN BRASS CO., Waterbury, Ct.
For branch offices see adv index at end of book
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Baltimore Tube Co., Baltimore, Md.
Cleveland Brass & Copper Mills, Inc., Euclid, O.
Connecticut Brass & Mfg. Corp. (Thin Gauge), Waterbury, Conn.
Detroit Copper & Brass Rolling Mills, Clark av, nr. Wabash RR, Detroit, Mich.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
NEW ENGLAND BRASS CO., (Commercial), Taunton, Mass.
North Am. Copper Co., 52 Vanderbilt av, New York
Randolph-Clowes Co., Waterbury, Conn.
Riverside Metal Co., Riverside, N. J.
Rome Brass & Copper Co., Rome, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Titan Metal Co. (Hot or Cold Rolled), Bellefonte, Pa.

1495a— Bronze (Sillmans Apex Aluminum)

Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.

1496— Bronze Tablets, Etc.

Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.
Atlas Brass Foundry 155 A. S., Boston, Mass.
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.
Bennett F. L. & Co., Rochester, N. Y.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Brass Fdy. Co., Peoria, Ill.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co, 126 11th av, New York
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chypena Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
Coleman Adelbert E., 336 W. 37th, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Daprato Statuary Co. (Memorial), 760 W Adams, Chicago, Ill.
See adv index at end of book
Detroit Mausoleum Equipment Works, 175 W. Fort, Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Feeley W. J. Co., 169 S Angell, Providence, R. I.
FISKE J. W. IRON WORKS, 111 Park pl, New York
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Forman Co., 48H W. Bd'way, New York
Gorham Co., Arch'l Bronze, 5th av & 36th, New York. Works, Providence, R. I.
Heath J. S. Co. (Honor Rolls & Memorials), Franklin & Ontario, Chicago, Ill.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York.
Herzog Iron Works, St. Paul, Minn.
Highton, Wm. & Sons Co., Nashua, N. H.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Inglis Wm. Wire & Iron Works, 61 Woodbridge, Detroit, Mich.
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Johnson-Meier Co. (Mfrs.), 155 Wendell, Chicago, Ill.
Johnson Service Co., 153 Michigan, Milwaukee, Wis.
Lamb J. & R., 25 6th av, New York
Lane Thos. Co., Farmers Bank bldg., Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.,
McCafferty J. H. Co., 434 Harrison av, Boston, Mass.
McGANN T. P & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book

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Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 198 Roebling, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
NEWMAN MFG. CO. (Brass & Bronze), 722 Sycamore, Cincinnati, O.
See adv index at end of book
Pathie Wm. Co., Worcester, Mass.
R. & S. Engraving & Die Works., 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Rome Bronze Co., Rome, N. Y.
Russell Albert & Sons Co., Newburyport, Mass.
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Sterling Bronze Co., 16 E 40th, New York
Tiffany Studios, 361 Madison av, New York
Turner Brass Works, Sycamore, Ill.
Tuttle & Bailey Mfg. Co. (Also Brass), 52 Vanderbilt av, New York
TYLER W. S. CO., Cleveland, Ohio, & 200 5th av, New York.
See adv index at end of book
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Wells Architectural Iron Co., River av & 151st, New York
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, Milwaukee, Wis.
Wood-Detroit Mfg. Co. (Memorial), Marquet bldg, Detroit, Mich.

1496a— Bronze (Titan)

Titan Metal Co., Bellefonte, Pa.

1497— *Bronze (Tobin)

AMERICAN BRASS CO. (Sheets & Rods), Waterbury, Conn.
For branch offices see adv index at end of book

1498— Bronze (White)

Lissberger, Marks & Son ("Emelansic"), 281 Borden av, Long Island City, New York
McLaughlin's Sons Co., 230 N 12th, B'klyn, N. Y.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Pittsburgh White Metal Co., 3116 Penn av., Pittsburgh, Pa.

1498a—Bronze Work (Every Description)

Gorham Co., Architectural Bronze, 5th av & 36th, New York. Works, Providence, R. I.
Stolz Jos. & Sons, Inc., 841 E 136th, New York

1499— Bronzing Liquids

Acme White Lead & Color Works, St. Aubin av & M. C. R. R., Detroit, Mich.
Baer Bros., 433 W 37th, New York
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Bronze Powder Works Co., Elizabeth, N. J.
Celluloid Zapon Co. ("Zapon"), 200 5th av, New York
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg., St. Louis, Mo.
De Bar Co., 58 Delevan, Brooklyn, N. Y.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del.
See adv index at end of book
Durlacque Mfg. Co., 1311 Chestnut, St. Louis, Mo.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Glidden Co., Madison av & Berea rd, Cleveland, O.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Lucas John & Co., 322 Race, Philadelphia, Pa.
Opal Chemical Co., Kenilworth, N. J.
Schlegel Oscar Mfg. Co., 124 E 13th, New York
Sherwin-Williams Co., Cleveland, O.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
United States Bronze & Powder Wks., Inc. ("Protoplast," "Sirius," "Bronzolin"), 220 W 42nd, New York

1500— Brooms (Bamboo)

Indianapolis Brush & Broom Mfg. Co. ("Capital" Red Cap Fibre or Bamboo), 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
Manhattan Brush Mfg. Co., 629 E 16th, New York
Mass. Commission for the Blind, Cambridge, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Push, Scrubbing, etc), 5401 Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Richmond Broom Co., Richmond, Va.

1501— Brooms (Bass Fibre)

Bunck John J. & Co., 155 Chambers, New York
Felton D. D. Brush Co., Atlanta, Ga.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Grau Bros., 1662 Central av, Cincinnati, O.
Lay Jos. Co., Ridgeville, Ind.
Mass. Commission for the Blind, Cambridge, Mass
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.

1502— Brooms (Corn)

Alabama Broom & Mattress Co., Huntsville, Ala.
American Broom Mfg. Co, Ltd., Short & Edenburg, New Orleans, La.
American Broom & Brush Co. (Rattan, Broom Corn), Amsterdam, N. Y.
Amsterdam Broom Co. (Corn), Amsterdam, N. Y.
Anderson Gus., Salina, Kan.
Atlanta Woodenware Co., Atlanta, Ga.
Atlantic Southwestern Broom Co., 2d & Toone, Baltimore, Md.
Augusta Broom Works, Augusta, Ga.
Bardall J. C. Co. (Standard, Carpet, Brace, Spiral, Steamboat, Cane, etc), Moundsville, W. Va.
Beisley David, Wamego, Kan.
Bookhop F. H. (Floor, Sink, Whisk), 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.
Bunck John J. & Co., 155 Chambers, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cahill Jos. P., 820 W 51st pl, Chicago, Ill.
Caummisar T. C. & Sons, Louisville, Ky.
Central Broom Co., Jefferson City, Mo.
Cleveland Society for the Blind, 2275 E. 55th, Cleveland, O.
Collins Bros., Lawrence, Mass.
Congleton J., New Philadelphia, O.
Conrad John & Co., Everett, Mass.

Cremering Bros., 216 W Pearl, Cincinnati, O.
Cronkrite L. R., Williamsport, Pa.
Culicover M., 41 Fulton, New York
Dean O. M. & Sons, Worcester, Mass.
De Roo P. Sons, Wade & Borton, Cincinnati, O.
Deshler Broom Factory, Deshler, Neb.
Des Moines Broom Co., Des Moines, Ia.
Dobbertin A. C., Rochester, N. Y.
Dudgeon Co., Cane Valley, Ky.
Eaton J. C. & Co., Lydonville, Vt.
Eckhart A. J. Co. ("Sweepwell"), W 74th & Madison, Cleveland, Ohio
Enterprise Broom Works, 321 E. Grand av, Chicago, Ill.
Evans Andrew J., Terre Haute, Ind.
Evans & Liddle, Lockport, N. Y.
Evansville Broom Co., Evansville, Ind.
Fairchild L. C., Greene, N. Y.
Feldmann L. & Co., 417 Montgomery, San Francisco, Cal.
Frankfort Broom Co., Frankfort, Ky.
Fulton H. K., Wilmington, Del.
Gardner Broom Co., Amsterdam, N. Y.
Gerhardt C. (Brewers', Steel Wire), 591 Hudson, N. Y.
Goeller's M. G. Sons (House, Stable, Warehouse, Ceiling, Whisk), Circleville, O.
Griffin Broom Co., Chanute, Kan.
Haisler Bros. Co. (Stable), 740 N Franklin, Chicago, Ill.
Halpin Nicholas F., Sr., Deerfield, N. Y.
Hamburg Broom Works, Hamburg, Pa.
Harrah & Stewart Mfg. Co. ("Little Polly"), Des Moines, Ia.
Hartman Broom Co., Clay Center, Kans.
Hatch E. W. & Son, Union City, Pa.
Hemingway Bros., Stockton, Cal.
Hoag Duster Co. ("Iowa"), Monticello, Ia.
Hodges Broom Works, Atlanta, Ga.
Howard Broom Co., 4437 N Lincoln, Chicago, Ill.
Howard E. D. Broom Co. (Corn, etc), Columbus, O.
Hugel Fred. & Son, Lawrence, Mass.
Imperial Broom Works, 172 N. May, Chicago, Ill.
Imperial Mfg. & Trading Co., 253 B'way, New York
Indianapolis Brush & Broom Mfg. Co. (Corn, Factory, Foundry, Mill, Railroad), 26 Brush, Indianapolis, Ind.
Jacobson-Peterson-Peltz & Kaufer Co., South Bend, Ind.
Kelley M. A. Broom Co., Leavenworth, Kan.
Kelly, Leonard & Forrester Co., Ogdensburg, N. Y.
Kuh Bros., Sioux Falls, S. D.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. & Co. (Street, Stable, Push), Ridgeville, Ind.
Lee Broom & Duster Co., Davenport, Ia., & Lincoln, Neb.
Libman William, 1229 W Grand av, Chicago, Ill.
Lillie O. E., Hiawatha, Kans.
Lyons John P., 2016 26th av, S. Minneapolis, Minn.
McIntosh & Alberts, 550 W 39th, Chicago, Ill.
Maiden Wm. M., Muscatine, Ia.
Manufacturers Broom & Brush Co., Memphis, Tenn
Manzelmann, Chas., 3106 Bellevue av, Detroit, Mich.
Mass. Commission for the Blind ("Cambridge"), Cambridge, Mass.
Mathieson Thos. P., 2042 Warren av, Chicago, Ill.
Meder Bros., Minneapolis, Minn.
Meese Broom Co., Spokane, Wash.
Memphis Broom & Brush Co., Memphis, Tenn.
Merkle-Wiley Broom Co. (Broom Corn), Paris, Ill.
Metzger Harry, Muscatine, Ia.
Meyer N., Green Bay, Wis.
Miller Broom Co., La Crosse, Wis.
Mohawk Valley Broom Co., Fonda, N. Y.
Montgomery Broom Mfg. Co., Grove City, Pa.
Muckenfuss Mfg. Co., Spartanburg, S. C.
Mulholland Wm., 79 White, New York
Myer-Bridges Co., Louisville, Ky.
National Broom Co. (Brooms & Whisk Brushes), Lockport, N. Y.
New Bremen Broom Co., New Bremen, O.
Neitzel Bros. & Theilmann, Spokane, Wash.
Noble Charles H., Thompsonville, Conn.
Noxon Broom Co., Avoca, N. Y.
Olson Broom Co., Sterling, Kan.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Steel, Snow, Warehouse, etc., etc.), 5401 Hamilton av, Cleveland, O.
Otwell W. E. & Co., Linn, Kans.
Page Broom Co., Lawrence, Mass.
Partin M., Mobile, Ala.
Pauken John Broom Co., Maumee, O.
Phoenix Brush & Mfg. Co. (Steel Wire, Street Sweeping), 160 N Wells, Chicago, Ill.
Pioneer Broom Co. (Corn), Amsterdam, N. Y.
Pirrung Mfg. Co., 4436 Greenview av, Chicago, Ill.
Plunkett Chas. ("Blue Ribbon"), 205 Duane, New York
Ramseur Broom Works, Ramseur, N. C.
Reading Broom Co., Blandon, Pa.
Richmond Broom Co., Richmond, Va.
Ripple S. A. & Bros., 1203 Ridgely, Baltimore, Md.
Rochester Brush Mfg. Co. (Bass, for House & Factory), Rochester, N. Y.
Rogers Broom Co., Washington, Ind.
Rosebloom J. A. & Co., Mattoon, Ill.
Rosengren Ed., Lindsborg, Kans.
Round Rock Broom Co., Round Rock, Tex.
Rudy Brown Co., Madisonville, Ky.
Scheninger J. A. & Bros., Syracuse, N. Y.
Scoville M. G. Sons Co., Ogden, Utah
Sebastian Bros. Odin, Ill.
Shanaman W. B, Reading, Pa.
Sider Bros., 1245 W 14th pl, Chicago, Ill.
Sider H. & Son, 1311 Blue Island av, Chicago, Ill.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.
Southern Broom Mfg. Co., Atlanta, Ga.
Southwestern Broom Mfg. Co., Evansville, Ind.
Spickett Broom Co., Lawrence, Mass.
Stewart A. F., 824 Arcade, St. Paul, Minn.
Supple Wm., Topeka, Kans.
Syracuse Broom Co., Syracuse, N. Y.
Tate R. L., Paducah, Ky.
Thompson Leon C., Concord, N. H.
Thompson Hugh Broom Corn Co., 920 W 8th, Kansas City, Mo.
Twitchell-Champlin Co., Portland, Me.
United States Broom & Brush Co. (Brooms and Whisks, 130 N. Wells, Chicago
United States Broom & Duster Co., 1812 W 13th, Chicago, Ill.
Urbana Broom Co. (Whisk), Urbana, O.
Van Laak Mfg. Co., 3281 Harrison, San Francisco, Cal.
Ward J. B. & Sons, Paterson, N. J.
Washington Broom & Woodenware Co., Seattle, Wash.
Waterloo Broom Co., Waterloo, Ind.
Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
Weymer A. F. Co. (Whisk), Syracuse, N.Y.
White Valentine Co., Urbana, O.
Whitmyer H., Schenectady, N. Y.
Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
Windsor Mfg. Co., Windsor, Mo.
Wittemeir's F. Sons, Fort Hunter, N. Y.
Zan Bros., 3546 12th, San Francisco, Cal., & Portland, Ore.

1503— Brooms (Floor)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Osborn Mfg. Co. (Fibre, Hair, Mixed Hair, Mixed Bristle, Combination, etc.), 5401 Hamilton av, Cleveland, O.

Brooms (Foundry)

See Brooms, Push; also Brooms, Steel Wire

Brooms (Frog & Switch)

See Brooms & Brushes, Track

1504—Brooms (Metal Bound Mill)

Atlanta Brush Co. ("Felco" Jobbers), Atlanta, Ga. *See adv index at end of book*
Bunck John J. & Co., 155 Chambers, New York
Hamburg Broom Works, Hamburg, Pa.
Hendee C. C. Co., 801 Broadway, Milwaukee, Wis.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. Co., Ridgeville, Ind.
Mass. Commission for the Blind ("Endurance," "Cambridge"), Cambridge, Mass.
Merkle-Wiley Broom Co., Paris, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Richmond Broom Co., Richmond, Va.
Thompson, Leon C., Concord, N. H.

1505— Brooms (Push)

See also Brooms, Street Sweeping

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*

PUSH BROOMS — STREET SWEEPS—We make them and guarantee them

ATLANTA BRUSH CO.
ATLANTA, GA.

Bardall J. C. Co., Moundsville, W. Va.
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Browne F. W. (Wire), Farmington, N. H.
Bunck Jno. J. & Co., 155 Chambers, New York
Chattanooga Broom & Mop Co., Chattanooga, Tenn.
Darby Edw. & Sons Co. (Wire), 412 N. 18th, Phila., Pa.
Grau Bros., 1662 Central av, Cincinnati, O.
Haisler Bros. Co., 740 N Franklin, Chicago, Ill.
Hamburg Broom Works, Hamburg, Pa.
Hendee C. C. Co. (Wire), 801 Broadway, Milwaukee, Wis.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. ("Capital," Rattan, Bamboo, African Bass, Wire, etc), 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. Co. (Bamboo, Rattan, Wire, etc), Ridgeville, Ind.
Manhattan Brush Mfg. Co., 629 E. 16th, New York
Manhattan Hickory Broom Co., 171 3d av, New York
Merkle-Wiley Broom Co., Paris, Ill.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Mulholland Wm., 79 White, New York
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Fibre, Wire Bamboo, etc., etc.), 540 Hamilton av, Cleveland, O.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thompson Leon C., Concord, N. H.
Universal Brush Co. (Factory & Home), 181 Quincy, Chicago, Ill.

1506— Brooms (Rattan)

Bookhop F. H., 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.
Bunck John J. & Co., 155 Chambers, New York
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. (Push, etc), Ridgeville, Ind.
Manhattan Brush Mfg. Co., 629 E. 16th, New York
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Reading Broom Co., Blandon, Pa.
Richmond Broom Co., Richmond, Va.
Zelnicker Walter A. Supply Co. (Also Bamboo & Japanese Fibre Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*

1507—Brooms (Rotary Snow)

Consolidated Car Fender Co., Vale, Providence, R. I.
Estey Bros. Co., 270 Union av., Brooklyn, N. Y. *See adv index at end of book*

1508— Brooms (Steel Wire)

Blumenthal H. & Co., 241 Centre, New York
Felton D. D. Brush Co., Atlanta, Ga.
Gerhardt C. (For Brewers, etc), 591 Hudson, New York
Lay Jos. Co. (Push, etc), Ridgeville, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Pilley Flue Brush Co., 604 So 3d, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Pilley's Packing & Flue Brush Co., 604-608 S. 3rd, St. Louis, Mo.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.
Worcester Brush & Scraper Co. ("Royal Worcester"), Worcester, Mass.

1509—Brooms (Street Sweeping)

Dennis W. J. & Co. (Steel, Wire), 2120 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hvass & Co., 511 E 18th, New York
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Manhattan Brush Mfg. Co., 629 E. 16th, New York
Mass. Commission for the Blind, Cambridge, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Pirrung Mfg. Co. (Wire), 4436 Greenview av, Chicago, Ill
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.

1510—Brooms (Street Sweeping Machines)

Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.

1511—Brooms (Street & Stable)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Bardall J. C. Co., Moundsville, W. Va.
Blumenthal H. & Co., 241 Centre, New York
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.

BROOMS (STREET & STABLE)—cont'd
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Darby Edw. & Sons Co. (Steel Wire), 412 N. 18th, Phila., Pa.
Harrah & Stewart Mfg. Co., Des Moines, Ia.
Herbert Brush Mfg. Co., Kingston, N. Y.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Mass. Commission for the Blind, Cambridge, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Reading Broom Co., Blandon, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1511a—Brooms (Warehouse, Mill & Factory)

Atlanta Brush Co. ("Felco" Jobbers), Atlanta, Ga. *See adv index at end of book*
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Wilson Co., Greenville, S. C.

1512— Brooms (Whisk)

Amsterdam Broom Co., Amsterdam, N. Y.
Baltimore Broom Works, 2105 Eastern av, Baltimore, Md.
Bardall J. C. Co., Moundsville, W. Va.
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Celluloid Co., 36 Washington pl, New York
Chattanooga Broom & Mop Co, Chattanooga, Tenn
Des Moines Broom Co., Des Moines, Ia.
Halsted Brush Co. ("Boston"), 71 Park pl, New York.
Harrah & Stewart Mfg. Co., Des Moines,
Hoag Duster Co., Monticello, Ia.
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lee Broom & Duster Co. ("Lee"), Lincoln, Neb.
Manzelmann Chas., 3106 Bellevue av, Detroit, Mich.
Miller Broom Co., La Crosse, Wis.
Mohawk Valley Broom Co., Fonda, N. Y.
Muckenfuss Mfg. Co., Spartanburg, S. C.
New Bremen Broom Co., New Bremen, O.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, O.
Pioneer Broom Co., Amsterdam, N. Y.
Ripple S. A. & Bros., 1208 Ridgely, Baltimore, Md.
Saart Bros. (Sterling Silver Mounted only), Attleboro, Mass.
Southern Broom Mfg. Co., Atlanta, Ga.
Southwestern Broom Mfg. Co., Evansville, Ind.
The Arlington Works (E. I. du Pont De Nemours & Co.) 21 E 40th, New York
Universal Brush Co., 181 Quincy, Chicago, Ill.
Urbana Broom Co., Urbana, O.
Weymer A. F. Co., Syracuse, N. Y.
Whitney Henry & Co., Amsterdam, N. Y.
Wittemeier's F. Sons, Fort Hunter, N. Y.

1513-4—Brooms & Brushes (Track)

Brown, Lewis A. Co., 196 State, Boston, Mass.
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. ("Victory"), Ridgeville, Ind.
Mass. Commission for the Blind ("Pendergast"), Cambridge, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Mulholland William, 79 White, New York
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Pilley's Packing & Flue Brush Co., 604-608 S. 3rd, St. Louis, Mo.
Reading Broom Co. (Brooms), Blandon, Pa.
Worcester Brush & Scraper Co. ("Royal Worcester" Renewable), Worcester, Mass.

Brush Machinery

See Machinery Section

1515—*Brush Sets (Silver Plated)

International Silver Co., Meriden, Conn.

1516— Brushes (Air)

See also Brushes, Pneumatic Spray
Berg Bros. Mfg. Co., 3757 W. North av, Chicago, Ill.
Eclipse Air Brush Co. ("Eclipse"), 79 Orange, Newark, N. J.
Eureka Pneumatic Spray Co., 62 9th av, New York
De Vilbiss Mfg. Co. ("Aeron" System), Toledo, O.
Ideal Air Brush Co., 18 Franklin, New York
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Paaschke Air Brush Co., 1249 W. Washington blvd, Chicago, Ill.
Thayer & Chandler (Fountain), 913 W Vanburen, Chicago, Ill.
Vapor Valve Co., 2820 N. Spring av, St. Louis, Mo.
Wold Air Brush Mfg. Co., 716 W Madison, Chicago, Ill.

Brushes (Artists')

See Brushes, Paint, Kalsomine, Varnish, etc

1516a— Brushes (Automobile)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1517—Brushes (Auto Washing)

See also Vehicle Washers
Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Buller Brush Co., Hartford, Conn.
Hicks Howard W. Co., Denver, Col.
Hygenia Brush Co., 15 Hermon, Worcester, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*

THE MILWAUKEE
BRUSH MANUFACTURING CO.
Brushes and Brooms
Wire—Bristle—Fibre
Milwaukee :: Wisconsin

North Ridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rubberset Co., 56 Ferry, Newark, N. J.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1518— Brushes (Bakers')

Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wooster Brush Works, Wooster, Ohio

1519—Brushes (Barrel & Keg Scrubbing Machine)

Gerhardt C. (For Brewers), 591 Hudson, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Lay Jos. Co. (Carved), Ridgeville, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1520-1— Brushes (Bath)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Celluloid Co., 36 Washington pl, New York
Costello J. S. & Son Brush Co., 1108H Pine, St. Louis, Mo.
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
New Jersey Brush Co. (Vegetable Fibre), Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Sanitax Brush Co., 2333 S Wabash, Chicago, Ill.
Standard Brush Co. ("Favorite," "Handy," "Perfection," "Ideal"), New Hartford, Conn.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-Adams J. J. Co., 690 Harrison av. Boston. Mass.

Brushes (Bench)

See Brushes, Platers, Polishers, etc. See also Duster Mfrs.

1522—Brushes (Billiard Table)

Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co., New Hartford, Conn.

Brushes (Boiler Flue)

See Cleaners, Boiler Flue & Tube, Brushes

1522a— Brushes (Bonnet)

Celluloid Co., 36 Washington pl., New York
Du Pont E. I. de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.

1523—Brushes (Bookbinders')

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1524-5-6—Brushes (Bottle)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston Mass.
Davis-Watkins Dairymen's Mfg. Co. ("Davis"), Dept. H, North Chicago, Ill.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Hendee C. C. Co. (Wire), 501 Broadway, Milwaukee, Wis.
Hertzberg H. & Son (Wire Twisted), 15 Mercer, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Lafayette Brush & Mfg. Co. ("Thorobrush"), Lafayette, Pa.
Manhattan Brush Co., 629 E. 19th, New York
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Poggensee Brush Co., 1923 Armitage av, Chicago, Ill.
Pollock Brush Co., Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tyer Rubber Co. (Wire), Andover, Mass.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Worcester Brush & Scraper Co., Worcester, Mass.

Brushes (Bowling Alley)

See Brushes, Floor Polishing

1527— Brushes (Brewers')

Blumenthal H & Co., 241 Centre, New York
Gerhardt C., 591 Hudson, New York
Grau Bros., 1662 Central av, Cincinnati, O.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Poggensee Brush Co., 1923 Armitage av, Chicago, Ill.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1528—Brushes (Butchers' Block)

Darby Edw. & Sons Co., 412 N. 18th, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Manufacturers Brush Co., 1950 W 114th, Cleveland, Ohio
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Peerless Mfg. Co. ("Peerless") New Durham, N. H.

1529—Brushes (Canners' Machine, Etc.)

Atlanta Brush Co., Inc. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*

Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.

Brushes (Car Washing)

See Brushes, Window

1530— Brushes (Carbon)

American Carbon & Battery Works of Nat'l Carbon Co., Inc., East St. Louis, Ill.
Baylis Co., Bloomfield, N. J.
Boxill & Bruel, Indianapolis, Ind.
CALEBAUGH SELF-LUBRICATING CARBON CO., ("No Spark"), 1503 Columbia, Philadelphia, Pa.
Chapin Chas. E. Co., 201 Fulton, New York
Cooley Mfg. Co., Inc., 98 Park pl, New York
Corliss Carbon Co., Bradford, Pa.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
H. & L. Mfg. Co. (Gauze & Metal), 300 B'way, New York
Hart & Co. ("Langleben," Self Lubricating), Fostoria, O.
Jeandron W. J. ("Le Carbone), 172 Fulton, New York
LE VALLEY VITAE CARBON BRUSH CO. (Self-Lubricating), 521 W 23rd, New York
Mikesell Bros. Co. (for Motors), 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Mitchel-Rand Mfg. Co., 18 Vesey, New York
Morgan Crucible Co. ("Morganite"), 519 W 38th, New York
National Carbon Co. ("Pyramid" Brand, Graphite or Metal Composition), Madison av, N. W. & W 117th, Cleveland, O.
Nungesser Carbon & Battery, Works of Nat'l Carbon Co (& Metal), 1170 E 38th, Cleveland, O.
Ohio Carbon Co. (For Motors & Generators), Fulton pl, Cleveland, O.
Otter Mfg. Co., Inc., 243 W 17th, New York
Perfection Supply Co., 98 Park pl, New York
Pittsburgh Carbon Brush Co., 512 E Diamond, Pittsburgh, N S, Pa.
Pure Carbon Co. (Tungsten Carbon), Wellsville, N. Y.
Sorgel Electric Co., Milwaukee, Wis.
Speer Carbon Co. ("Long Life," Self Lubricating), St. Marys, Pa.
Stackpole Carbon Co., St. Mary's, Pa.
Universal Carbon Co., Dundee, Ill.
Van Nort Carbon Brush Co., St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1531-2—Brushes (Carpet Sweeper)

Lewis Samuel ("Clipper"), 73 Barclay, New York
Miles Bros. & Co., 1957 Pitkin av, Brooklyn, N. Y.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Standard Brush Co., New Hartford, Conn.
Wooster Brush Co., Wooster, O.

Brushes (Casting, Steel Wire)

See Brushes, Steel Wire

1533— Brushes (Celluloid)

Celluloid Co., 36 Washington pl, New York
Rubberset Co., 56 Ferry, Newark, N. J.

1534— Brushes (Chimney)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Browne F. W. (Wire), Farmington, N. H.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Peerless Mfg. Co. ("Peerless") New Durham, N. H.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.

1534a— Brushes (Complexion)

Celluloid Co., 36 Washington pl, New York
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co., 56 Ferry, Newark, N. J.
Sanitax Brush Co. (Shampoo), 2333 S. Wabash av, Chicago, Ill.
Universal Brush Co., 181 Quincy, Chicago, Ill.

Brushes (Copper)

See Brushes, Sheet Metal

1535— Brushes (Corn Drill)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1536— Brushes (Cuspidor)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1537—Brushes (Cylinder or Wheel Bottom)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Felton D. D. Brush Co., Atlanta, Ga.
Hanlon & Goodman Co., 270 Pearl, New York
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Pollock Brush Co., 25-27 N. 4th, Easton, Pa.
Schaefer, McLaughlin Co. (Cylinder), 395 Reed, Milwaukee, Wis.

1537a— Brushes (Dairy)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.

1537b— Brushes (Dry Cleaners)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Universal Brush Co., 181 Quincy, Chicago, Ill.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1538— Brushes (Dust)

Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Bradley & Smith, 251 Pearl, New York
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Felton D. D. Brush Co., Atlanta, Ga.
Grand Rapids Brush Co., Grand Rapids, Mich.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., Easton, Pa.
R. I. Brush Co. (Reversible), 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Wooster Brush Co., Wooster, O.

1539—Brushes (Dustless Floor)

Dearborn Duster Co. ("Dearborn"), 550 W Harrison, Chicago, Ill.
Inlaid Floor Co., 600 Alabama, San Francisco, Cal., & 4067 Watts, Emeryville, Calif.
Milwaukee Dustless Brush Co., 22d & Sycamore, Milwaukee, Wis.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1540—Brushes (Fibre, Vegetable)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Manufacturers Brush Co., 1950 W. 114th, Cleveland, Ohio
National Brush Co. (Wooden Back and Staple), Aurora, Ill.
New Jersey Brush Co. ("Enjabeco), Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co. (Wooden Back and Staple Driven), Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Universal Brush Co. ("Palmyra," "Hygiene" Bowl & Bath Tub), 181 Quincy, Chicago, Ill.

Brushes (File)

See Cards, File

1541—Brushes (Floor Polishing)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Baum Bros. Co., Denver, Col.
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Duncan Bros. & Wray Co. ("Ideal"), Ludlow Falls, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
New Jersey Brush Co., Bloomfield, N. J.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Standard Brush Co., New Hartford, Conn.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.
Wood-Mosaic, New Albany, Ind.

1542-3—Brushes (Floor Sweeping)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*

FLOOR SWEEPS ALL SIZES
Every One Guaranteed
Send for Catalogue
ATLANTA BRUSH CO.
ATLANTA, GA.

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Costello, J. S. & Son Brush Co., 1108H Pine, St. Louis, Mo.
Culicover M., 41 Fulton, New York
Felton S. A. & Son Co., Manchester, N. H.
Friedlander Paul N., 337 B'way, New York
Gertz Lumbard & Co., 154 W Randolph, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. ("Capital," Fibre, Hair, Bristles, etc), 26 Brush, Indianapolis, Ind.
Manzelmann, Chas, 3106 Bellevue av, Detroit, Mich.
Milton Chemical Co. ("B-B," Dustless), 156 Sixth, Cambridge, Mass.
New Jersey Brush Co., Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Pirrung Mfg. Co., 4436 Greenview av, Chicago, Ill.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.
Spring Handle Co., Abingdon, Ill.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

Brushes (Floor Waxing)

See Brushes, Floor Polishing

1544— Brushes (Flue)

See also Brushes, Steel Wire

See also Cleaners, Flue
Browne F. W. (Wire), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Lay Jos. Co., Ridgeville, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Peerless Mfg. Co. ("Peerless"), New Durham, N. H.
Pilley Packing & Flue Brush Mfg. Co., 604 S Third, St. Louis, Mo.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1544a—Brushes (Flue & Heater)

Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.

1545—Brushes (Foundry, Machine & Factory)

See also Brushes, Steel Wire

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Bradley & Smith, 251 Pearl, New York
Brown Cotton Gin Co., New London, Conn.
Browne F. W. (Wire Casting, etc), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Clinton E. & Co., 2119 Arch, Phila., Pa.
Darby Edw. & Sons Co. (Wire), 412 N. 18th, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Devoe & Raynolds Co., Inc. (Steel, Wire, etc.), 101 Fulton, New York
Earle Brush Co., Columbia, Pa.
Empire Brush Wks, 1311 N Robey, Chicago, Ill
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Felton S. A. & Son Co., Manchester, N. H.
Ferris John, Jr., 400 B'way, Albany, N. Y.
Flint Warren F. Co. (Steel), 74 India, Boston, Mass.
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Gilbert & Bennett Mfg. Co. (Wire), Georgetown, Conn.
Goode W. P. Brush Co., 136 North, Boston, Mass.
Haisler Bros. Co. (Machine, etc), 740 N Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hardy Frank H., Andover, Mass.
Heilman Machine Works, Evansville, Ind.
Herold Bros. Co., 741 Euclid av, Cleveland, Ohio
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. (Rattan Mixed), 26 Brush, Indianapolis, Ind.
Lafayette Brush & Mfg. Co. ("Thorobrush"), Lafayette, Pa.
Lay Jos. Co. (Bristle, Wire, etc), Ridgeville, Ind.
McCormick J. S. Co., 25th A. V. R. R., Pittsburgh, Pa.
Manufacturers Brush Co., 1950 W. 114th, Cleveland, Ohio
Mason Brush Works, Worcester, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Mulholland William, 79 White, New York
National Brush Co., Aurora, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Railroad Brushes), 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Packard A. & Co., 166 Commercial, Boston. Mass.
Paxson J. W. Co. (Steel & Wire), 1021 N. Delaware av, Phila., Pa.
Peerless Mfg. Co. ("Peerless") New Durham, N. H.
Pilley's Packing & Flue Brush Co. (Steel Wire), 604-608 S. 3rd, St. Louis, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Riddiford Bros. (Specialty Machine Brushes), 30 S Wells, Chicago, Ill.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co. (Fdry., Mch. & Factory), 395 Reed, Milwaukee, Wis.
Shanafelt Mfg. Co. (Big Brush for the Foundry), Canton, O.
Stevens Frederici B., 3rd & Larned, Detroit, Mich. *See adv index at end of book*
Thayer P. E. & Co., Pawtucket, R. I.
Thum Charles D., 150 N 3d, Phila., Pa.
Voelker Philip L., 2 Bucklin, Providence, R. I.
Ward J. B. & Sons, Paterson, N. J.
Warner Wm. R. & Co., 136 Centre, New York
Woodison E. J. Co. (Wire & Hair), 1621 St. Aubin, Detroit, Mich.
Worcester Brush & Scraper Co. ("Royal" Worcester Casting Brush), Worcester, Mass.

1545a— Brushes (Fountain)

Diagraph Stencil Mach. Corp., 9th & Clinton, St. Louis, Mo.
Marsh Shipping Service, Inc., Belleville, Ill.

1546—Brushes (Glass Cutters')

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Ox Fibre Brush Co., Frederick, Md.

Brushes (Graining)

See Brushes, Paint, Varnish, etc.

1547— Brushes (Graphite)

American Carbon & Battery Works of Nat'l Carbon Co., Inc., East St. Louis, Ill.
Chapin Chas. E. Co., 201 Fulton, New York
Dixon, Joseph Crucible Co., Jersey City, N. J.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Graphite Metallizing Corp., Yonkers, N. Y.
Lederer F. J. Co., 400 Guilford, Buffalo, N. Y.
Morgan Crucible Co., 519 W 38th, New York
Nungesser Carbon & Battery Wks of Nat'l Carbon Co., 1170 E 38th, Cleveland, O.
Ohio Carbon Co. (For Motors & Generators), Fulton pl, Cleveland, O.
Speer Carbon Co., St. Marys, Pa.

1548—Brushes (Hat, Clothes & Hair)

Alpha Brush Co. ("Porslyn," "Spotless"), Troy, N. Y.
Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Celluloid Co., 36 Washington, New York
Costello J. S. & Son Brush Co., 1108 Pine, St. Louis, Mo.
DU PONT E I de NEMOURS & CO., INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Fiberloid Corp. ("Fairfax"), Dept H, Indian, Orchard, Mass.
Hahn Arthur W. (Twisted Wire), 7 Dominick, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
Leominster Shell Goods Mfg. Co. (Celluloid), Dept H, Leominster, Mass.
Mohawk Brush Co., Albany, N. Y.
Monarch Brush Co., Troy, N. Y.
New Jersey Brush Co. (Clothes & Hat only), Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Reliable Brush Co., Troy, N. Y.
Rubberset Co., 56 Ferry, Newark, N. J.
Sanitax Brush Co. (Hair), 2333 S. Wabash, Chicago, Ill.
Sonn A. L. Brush Co. ("Eclipse" Aluminum Faced), Troy, N. Y.
Standard Brush Co., New Hartford, Conn.
United States Brush Co., Potsdam, N. Y.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

1549— Brushes (Horse)

Bookhop F. H., 145 38th, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Darby Edw. & Sons Co. (Leather Back Bristle; Also Wire, Fibre & Rice Root), 412 N. 18th, Phila, Pa.
Earle Brush Co., Columbia, Pa.
Felton S. A. & Son Co., Manchester, N. H.
Grand Rapids Brush Co., Grand Rapids, Mich.
Haisler Bros. Co., 740 No Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hendee C. C. Co. (Wire "Dandy"), 501 Broadway, Milwaukee, Wis.
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
India Palmette Brush Co., 1274 12th, Detroit, Mich.
Lay Jos. Co. ("Victor"), Ridgeville, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
National Brush Co., Aurora, Ill.
Nelms & Co., 407 Commerce, Phila., Pa.
New Jersey Brush Co., Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.
Standard Brush Co. ("Jockey," "Handy," "Rub & Kurry," "Fleetwood," "Charter Oak," "Solid Back"), New Hartford, Conn.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1550—Brushes (Hot Water Heater)

Browne F. W. (Wire), Farmington, N. H.
Darby Edw. & Sons Co. (Wire), 412 N. 18th, Phila., Pa.
Flint Warren F. Co. (For Sectional Heaters), 74 India, Boston, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Mulholland William, 79 White, New York
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Wire, Bristle & Fibre), 5401 Hamilton av, Cleveland, O.
Pilley's Packing & Flue Brush Co. (Wire), 604-607 S. 3rd, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1550a— Brushes (Infants)

DU PONT E. I. de NEMOURS & CO., INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

1551—Brushes (Lithographers')

Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Marking)

See Brushes, Stencil

1552— Brushes (Milk Can)

Atlanta Brush Co. ("Felco"), Atlanta, Ga. *See adv index at end of book*
Hanlon & Goodman Co., 270 Pearl, New York
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co. ("Dairy Queen," "Solid Back"), New Hartford, Conn.
Universal Brush Co., 181 Quincy, Chicago, Ill.

1552a— *Brushes (Military)

Du Pont E I de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Sanitax Brush Co., 2333 S. Wabash av, Chicago, Ill.
Schimper, William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

1552b—Brushes (Motor & Dynamo)

CALEBAUGH SELF-LUBRICATING CARBON CO., 1503 Columbia av, Phila., Pa.
Chapin Chas. E. Co., 201 Fulton, New York
Corliss Carbon Co., Bradford, Pa.
Eureka Co., North East, Pa.
Hart & Co., Fostoria, O.
Le Valley Vital Carbon Brush Co., 521 W 23rd, New York
National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, O.
Ohio Electric Specialty Mfg. Co., Troy, O.
Pure Carbon Co., Wellsville, N. Y.
Speer Carbon Co., St. Marys, Pa.
Stackpole Carbon Co., St. Marys, Pa.
United States Graphite Co., Saginaw, Mich.

1553— Brushes (Nail)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Celluloid Co., 36 Washington pl, New York
Du Pont E I de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Fiberloid Corp. ("Fairfax"), Dept H, Indian Orchard, Mass.
New Jersey Brush Co. (Leather Back), Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Sanitax Brush Co., 2333 S. Wabash av, Chicago, Ill.
Standard Brush Co., New Hartford, Conn.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1554—Brushes (Paint, Kalsomine, Varnish, Etc.)

Ascher Leopold Co., 118 6th av, New York
Baker Brush Co. (Sign Writers', Artists', Soft Hair, Varnish, etc), 83 Grand, New York
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Clinton E. & Co., 2119 Arch, Phila., Pa.
Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dilley Wm., 22 N 5th av, Chicago, Ill.
Felton S. A. & Son Co., Manchester, N. H.
Ferris John Jr., 400 B'way, Albany, N. Y.
Fish Brush Factory, 4700 Lorain av, Cleveland, O.

Flynn Bros., Brush Mfg. Co., Troy, N. Y.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gerts, Lumbard & Co., 154 W Randolph, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Looby Wm. H., Centerbrook, Conn.
Lucas John & Co., 322 Race, Phila., Pa.
Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
New Jersey Brush Co., Bloomfield, N. J.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Packard A. & Co., 166 Commercial, Boston, Mass.
Pitegoff Bros., 13 Crosby, New York
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Pushee Jno. C. & Sons, 3 Randolph, Boston, Mass.
Ramus C. F. W., East Boston, Mass.
Rennous, Kleinle & Co. ("Chinese"), 3221 Frederick av, Baltimore, Md.
Rodriguez R. E., 56 Warren, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Sartorius & Co., 57 Murray, New York
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Sheets Wm. H., Jr. Co., 121 S Charles, Baltimore, Md.
Thum Chas. D., 150 N 3d, Phila., Pa.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
United Brush Mfrs., 203 Lafayette, New York
Warner W. R. & Co., 136 Centre, New York
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Whittemore W. L. & Son, Hartford, Conn.
Wolfe Brush Co., Penn. av & Bidwell, Pittsburgh, Pa.
Wooster Brush Co. ("Wooster" Line), Wooster, O.

1555—Brushes (Paperhangers')

(Paste, Smoothing, Stipplers, etc.)

Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York
New Jersey Brush Co., Bloomfield, N. J.
Opie J. W. Brush Co., Kansas City, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1555a—Brushes (Plain Scratch)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.

1556—Brushes (Platers', Polishers', Etc.)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Blumenthal H. & Co. (Brass, Copper & Circular, etc), 241 Centre, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Dixon Wm. (Wire, Bristle, etc, "Tampico" Goat Hair), 39 John, New York
Foot Mfg. Co. (Bristle & Wire Lathe, etc), 36 Germania av, Jersey City, N. J.
Gesswein F. W. Co., 16 John, New York
Gornell E. Sons Co., 179 N. Wells, Chicago, Ill.
Haisler Bros. Co., 740 N Franklin, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Mahler P. & Sons, 299 Pearl, New York
Manufacturers Brush Co. ("Advance" Sectional), 1950 W. 114th, Cleveland, Ohio
Manzelmann, Chas. (Bench), 3106 Bellevue av, Detroit, Mich.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Munning A. P. & Co., Mattawan, N. J.
National Brush Co., Aurora, Ill.
Newark Brush Co., 253 Mulberry, Newark, N. J.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Standard Brush Co., New Hartford, Conn.

1557—Brushes (Pneumatic Spray)

See Also Brushes Air
Eclipse Air Brush Co., 79 Orange, Newark, N. J.
Eureka Pneumatic Spray Co., 62 9th av, New York
Metals Coating Co. of Am., 495 N. 3rd, Philadelphia, Pa.
Paaschke Air Brush Co., 1249 W. Washington blvd, Chicago, Ill.
SPRAY ENGINEERING CO. ("Spraco" Paint Gun), 93 Federal, Boston, Mass.
See adv index at end of book
Star Brass Works ("Binks"), 3129 Carroll av, Chicago, Ill.
Vapor Valve Co., St. Louis, Mo.

1558—Brushes (Power For Use With)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book

We manufacture and repair industrial brushes, cylinders and Jags, etc.

ATLANTA BRUSH CO.
ATLANTA, GA.

Manufacturers Brush Co., 1950 W. 114th, Cleveland, Ohio
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1559— Brushes (Radiator)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Culicover M., 41 Fulton, New York
Dennins O. Sons, Troy, N. Y.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
King Mfg. Co., 103 Oliver, Newark, N. J.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, O. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Pilley's Packing & Flue Brush Co., 604-608 S. 3rd, St. Louis, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Warren A. J. Brush Co., 79 Elm, Cincinnati, O.
Whiting J. L.-J. J. Adams Co., 700 Harrison av, Boston, Mass.

1560— Brushes (Railroad)

Anderson Specialty Co., 6 E. Lake, Chicago, Ill.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co. (All Kinds), Kansas City, Mo.
Osborn Mfg. Co. (All Kinds), 5401 Hamilton av, Cleveland, Ohio
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., Easton, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thum Chas. D., 150 N 3d, Phila., Pa.
Tottle, Wm. A. & Co., 124 Hanover, Baltimore, Md.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Wolfe Brush Co., Penn. av & Bidwell, Pittsburgh, Pa.

1561— Brushes (Roofing)

Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Darby Edw. & Sons Co., 412 N. 18th, Phila., Pa.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
New Jersey Brush Co. ("Tomahawk" Tar, "Dakota" Flat), Bloomfield, N. J.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Roof Paint), 5401 E Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1562— Brushes (Rubber)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Faultless Rubber Co., Ashland, O.
Tyer Rubber Co. (Bath, Shampoo, Flesh & Toilet), Andover, Mass.

1563— Brushes (Scrubbing)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Blumenthal, H. & Co., 241 Centre, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Darby Edw. & Sons Co. (Wire, 412 N. 18th, Phila., Pa.
Dennis W. J. & Co., 2120 W Lake, Chicago, Ill.
Earle Brush Co., Columbia, Pa.
Eisenmann S. J., 369 B'way, New York
Felton D. D. Brush Co., Atlanta, Ga.
Hanlon & Goodman Co., 270 Pearl, New York
Hendee C. C. Co., 501 Broadway, Milwaukee, Wis.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co, 1543 Van Buren, Indianapolis, Ind.
India Palmette Brush Co, 1274 12th, Detroit, Mich.
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
Milford Mfg. Co. ("All Angle"), Mansfield, O.
National Brush Co., Aurora, Ill.
New Jersey Brush Co. ("Rajah" Palm Fibre Deck), Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Sanitax Brush Co. (Hand), 2333 S. Wabash av, Chicago, Ill.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co. ("Kleenquick," "Dude," "Tot," "Solid Back," "Pollywog," "Toad," "Frog"), New Hartford, Conn.
Thurnauer G. M. Co., 6 E 20th, New York
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Wolfe Brush Co., Penn. av & Bidwell, Pittsburgh, Pa.

1564—Brushes (Set-In-Rubber)

Erskine James Lowe Co. (Mfrs.), 462 Greenwich, New York
Hanlon & Goodman Co. ("Rubristo"), 270 Pearl, New York
Pitegoff Bros., 13 Crosby, New York
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting Jno. L. & J. J. Adams Co., 690 Harrison av, Boston, Mass.

1565—Brushes (Sewer Cleaning)

Flint Warren F. Co., 74 India, Boston, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1566— Brushes (Shaving)

Ascher, Leopold Co., 118 6th av, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Celluloid Co., 36 Washington pl, New York
Kampfe Bros. ("Kambro" Set in Rubber), 3303 Atlantic av, Brooklyn, N. Y.
Mayd-Well Brush Co., ("Mayd-Well"), Troy, N. Y.
North Ridge Brush Co., Freeport, Ill.
Pitegoff Bros., 13 Crosby, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting, J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1567— Brushes (Sheet Metal)

Chapin Chas. E. Co., 201 Fulton, New York
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Eureka Co., North East, Pa.
Fleck Carbon Co., 71 W B'way, New York
Ohio Elec. Specialty Mfg. Co., Troy, O.
Perfection Supply Co. ("Dynamo"), 98 Park pl, New York
Phila. Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Walsh J. F., Pittsfield, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1568— Brushes (Shoe)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Dennins O. Sons, Troy, N. Y.
Earle Brush Co., Columbia, Pa.
Felton D. D. Brush Co., Atlanta, Ga.
Gilbert E. T. Mfg. Co. (Polishers), Rochester, N. Y.
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
Lay Jos. Co., Ridgeville, Ind.
Monroe Novelty Co., Rochester, N. Y.
National Brush Co., Aurora, Ill.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Parks & Parks, Troy, N. Y.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Standard Brush Co., New Hartford, Conn.
Thayer P. E. & Co., Pawtucket, R. I.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1569— Brushes (Sink)

Bookhop F. H., 151 38th, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, New York
Browne W. G. Mfg. Co. (Wire), Kingston, N. Y.
Darby Edw. & Sons Co., 412 N. 18th, Phila., Pa.
Fogarty Philip & Co. ("Anchor"), 49 Wyona, Brooklyn. N. Y.
Hamblin & Russell Mfg. Co. ("H. & R." Wire), Worcester, Mass.
Hendee C. C. Co. (Wire), 501 Broadway, Milwaukee, Wis.
National Brush Co., Aurora, Ill.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Mfg. Co. ("Peerless" Wire), New Durham, N. H.
Pilley's Packing & Flue Brush Co., 604-608 S. 3rd, St. Louis, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Plunkett Chas., 205 Duane, New York
Thurnauer G. M. Co., 6 E 20th, New York
Universal Brush Co. ("Gem"), 181 Quincy, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woods-Sherwood Co. (Wire), Worcester, Mass.

1570— Brushes (Special)

Ferris John Jr., 400 B'way, Albany, N. Y.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co. (Special Brushes made from Blue Prints), 395 Reed, Milwaukee, Wis.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.

1571— Brushes (Spiral)

Browne F. W. (Wire), Farmington, N. H.
Foot Mfg. Co. (Bristle for Gunsmiths, Bottles, etc), 36 Germania av, Jersey City, N. J.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Peerless Mfg. Co., ("Peerless"), New Durham, N. H.
Pilley's Packing & Flue Brush Co., 604-607 S. 3rd, St. Louis, Mo.

1572— Brushes (Steel Wire)

See also Brushes, Foundry, Machine, etc.
Alloy Metal Wire Co. (Wire Only), 154 Nassau, New York
See adv index at end of book
Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
American Brush Corp., Inc. (Twisted), 700 W 22nd, Chicago, Ill.
American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.
Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Blumenthal H. & Co., 241 Centre, New York
Brooklyn Scratch Brush Co., 11 McKibben, Brooklyn, N. Y.
Browne F. W. (For Furnaces, Flues, Heat-
Bunck Jno. J. & Co., 155 Chambers, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Coleman Allan J. (Sanitary Twisted), 208 N Wabash, Chicago, Ill.
Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Darby Edw. & Sons Co., 412 N. 18th, Phila., Pa.
Dean O. M. & Sons, Worcester, Mass.
Dearborn Duster Co. ("Dearborn" Twisted), 550 W Harrison, Chicago, Ill.
Dennis W. J. & Co. (Butcher, Radiator, Painters, File, Scratch, Foundry, etc), 2120 W Lake, Chicago, Ill.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Halsted Brush Co., 71 Park pl, New York
Hanlon & Goodman Co., 270 Pearl, New York
Indianapolis Brush & Broom Mfg. Co. ("Capital," Push, etc), 26 Brush, Indianapolis, Ind.
Mahler P. & Sons, 299 Pearl, New York
Manufacturers Brush Co., 1950 W. 114th, Cleveland, Ohio
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Ox Fibre Brush Co., Frederick, Md.
Paxson, J. W. Co., 1021 N. Delaware av, Philadelphia, Pa.
Peerless Mfg. Co. ("Peerless" for House Boilers), New Durham, N. H.
Phoenix Brush & Mfg. Co., 160 Wells, Chicago, Ill.
Pilley's Packing & Flue Brush Co., 604-607 S. 3rd, St. Louis, Mo.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Ridgely Trimmer Co., Springfield, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Stow Mfg. Co. (Scratch), Binghamton, N. Y. *See adv index at end of book*
Universal Brush Co., 181 Quincy, Chicago, Ill.
Wickwire Spencer Steel Corp. (Sink, etc), Worcester, Mass.
See adv index at end of book
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

1573— Brushes (Stencil)

Bradley, A. J. Mfg. Co., 101 Beekman, New York
See adv index at end of book
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 142 W Erie, Chicago, Ill.
Costello, J. S. & Son, Brush Co., 1108H Pine, St. Louis, Mo.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Felton D. D. Brush Co., Atlanta, Ga.
Hanlon & Goodman Co. ("Perfection"), 270 Pearl, New York
Marsh Shipping Service, Inc., Belleville, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1574—Brushes (Stone Cleaning)

Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Peerless Mfg. Co. (("Peerless"), New Durham, N. H.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee. Wis.

1575— Brushes (Stove)

Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Dennins' O. Sons, Troy, N. Y.
National Brush Co., Aurora, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co., New Hartford, Conn.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Street & Stable)

See Brooms, Street & Stable

1576— Brushes (Tailors')

Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio
Ox Fibre Brush Co., Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Universal Brush Co., 181 Quincy, Chicago,

1577— Brushes (Tanners')

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book

We make and repair all kinds of
TANNERS, BRUSHES
CYLINDERS a Specialty
ATLANTA BRUSH CO.
ATLANTA, GA.

Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Tar)

See Brushes, Roofing

1578— Brushes (Test Tube)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Palo Co., 90 Maiden la, New York
Whitall Tatum Co., 63 Barclay, New York

1579— Brushes (Tooth)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Du Pont E. I. de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Florence Mfg. Co., Florence, Mass.
Indexo Co., 33 W 42d, New York
North Ridge Brush Co., Freeport, Ill.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
White S. S. Dental Mfg. Co., 211 S. 12th, Philadelphia, Pa.

Brushes (Tumbler)

See Brushes, Bottle

1580— Brushes (Type Cleaning)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Hendee C. C. Co., 501 B'way, Milwaukee, Wis.
Zimmer Mfg. Co. ("E Z"), 59 Beekman, New York

1581— Brushes (Vacuum Cleaner)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Schaefer McLaughlin Co., 395 Reed, Milwaukee, Wis.

1582—Brushes (Wheel, Steel Wire)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Manufacturers Brush Co., 1950 W. 114th, Cleveland, Ohio
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Osborn Mfg. Co. ("Tampico"), 5401 E Hamilton av, Cleveland, Ohio

Brushes (Whitewash)

See Brushes, Paint, Kalsomine, Varnish, etc.

1583— Brushes (Window)

See also Cleaners, Window

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book
Blumenthal H. & Co., 241 Centre, New York
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton, A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Costello, J. S. & Son, Brush Co. (Car, Wash), 1108H Pine, St. Louis, Mo.
Darby Edw. & Sons Co., 418 N 18th, Phila., Pa.
Dennis, W. J. & Co. ("W. J. Dennis," Rubber, Brass & Wood Frame), 2120 W Lake, Chicago, Ill.
Earle Brush Co., Columbia, Pa.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Lay Jos. Co. ("Victor" Round & Flat), Ridgeville, Ind.
Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
New Jersey Brush Co., Bloomfield, N. J.
North Ridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co. (Car Washing), Kansas City, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thayer P. E. & Co., Pawtucket, R. I.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Wire)

See Brushes, Steel Wire

1583a— Brushes (Wire Wheel)

Osborn Mfg. Co. ("Tampico" Wheels & Sections), 5401 E Hamilton av, Cleveland, Ohio
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.

1584—Brushes (Woven Wire)

For Dynamos & Motors

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Barkelew Electric Mfg. Co. ("Sparkless"), Middletown, O.
Chapin Chas. E. Co. ("Dickey"), 201 Fulton, New York
Eureka Co., North East, Pa.
Flint Warren F. Co., 74 India, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goldmark Jas. Co., (German-American), 83 Warren, New York
Hart & Co., Fostoria, O.
Ohio Electric Specialty Mfg. Co., Troy, O.
Perfection Supply Co., 98 Park pl, New York
Salem Electrical Supply Co., Salem, Mass.
Thompson-Bonney Co. ("Acme"), 18 Henry, Brooklyn, N. Y.
Worcester Brush & Scraper Co., Worcester, Mass.

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In preparing copy for your next ad write it as though you were writing a Catalog.

1584a— Buckets (Acid)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Ceramics Co., 50 Church, New York
Knight Maurice A., Akron, O.
United States Rubber Co., 1790 Broadway, New York

1584b— *Buckets (Automatic)

See Also Buckets, Self-Dumping

Hayward Co., 50 Church, New York
See adv index at end of book

HAYWARD BUCKETS

for

Dredging
Excavating
Locomotive Cranes, Bridges, Towers, Derricks, Overhead Cranes, Monorail Cranes, Cableways, etc.
Coal Handling
Ore Handling
Sand and Gravel Handling
Sewer Work
Foundation and Caisson Digging
Crushed Stone Handling
Foundry Use
Industrial Plant use
Irrigation and Ditch Work
Canal Digging
Well Digging
Test Holes for Mining

Cement Plants—Handling Gypsum Rock, etc.

THE HAYWARD CO.
Builders of
DIGGING MACHINERY
50 Church St. New York, U. S. A.

1585—Buckets (Bottom Dumping)

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Biehl Iron Wks., Inc., Reading, Pa.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Insley Mfg. Co. (Controllable Center Dump), 3500 E St. Clair, Indianapolis, Ind.
Lakewood Engineering Co. ("Lakewood," "Eclipse," Ideal Controllable), Cleveland, Ohio
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Mansfield Engineering Co. ("Pioneer"), 1100 Burdsal Pkway, Indianapolis, Ind.
McMyler-Interstate Co., Bedford, O.
Penn Foundry & Mfg. Co., Reading, Pa.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Tidewater Iron Works, Hoboken, N. J.
Tippet & Wood, Phillipsburg, N. J.
Union Iron Works, Hoboken, N. J.
Williams G. H. Co., Erie, Pa.

1586— Buckets (Center Dump)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Insley Mfg. Co. (Controllable), 3500 E St. Clair, Indianapolis, Ind.
Littleford Bros., 444 E. Pearl, Cincinnati, O.
STUEBNER G. L. IRON WORKS (Controllable), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Tippet & Wood, Phillipsburg, N. J.
Williams G. H. Co., Erie, Pa.

1587— Buckets (Clam Shell)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept H, 14th & State, Chicago Heights, Ill.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Blaw-Knox Co., Freeport rd, Hoboken, N. J.
Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Haiss Geo. Mfg. Co., 141st & Rider av, N. Y.
Hayward Co., 30 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

HOISTING MACHY CO., 50 Church, New York
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Industrial Works, Bay City, Mich.
Kiesler Jos. F. Co. ("Kiesler"), N Sangamon & W Huron, Chicago, Ill.
Lakewood Engineering Co., Cleveland, O.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
McMyler-Interstate Co. (Steam), Bedford, O.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Obenberger J. & Son Co., 125 Barclay, Milwaukee, Wis.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
Quintard Iron Works Co. ("Arnold" Pneumatic), 742 E 12th, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Williams G. H. Co. ("Favorite"), Erie, Pa.
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

1588—*Buckets (Clam Shell, Electric Motor)

Hayward Co., 30 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

1589— Buckets (Coal & Ore)

See also Tubs, Hoisting & Dumping

Advance Engineering Co., Metta av, Cleveland, O.
Akron Cultivator Co., Akron, O.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Baltimore Car & Foundry Co., Pittsburgh, Pa.
Biehl Iron Wks., Inc., Reading Pa.
Blaw-Knox Co., Freeport rd, Hoboken, N. J.
Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 134 Erie, Buffalo, N. Y.
See adv index at end of book
Denver Engineering Works Co., Denver, Colo.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
Hendy Joshua Iron Works (Ore.), 75 Fremont, San Francisco, Cal.
Hoisting Machinery Co., 50 Church, New York
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co. (Dump), Columbus, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Mullins Body Corp., Dept. H, Salem, O.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
Penn Foundry & Mfg. Co., Reading, Pa.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.

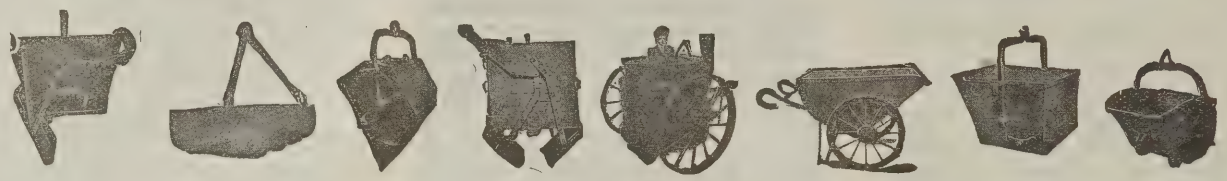


G. L. Stuebner, Iron Works

Turn-over and Bottom Dumping Buckets of all types and sizes; Steel Skips; Flat, End and Bottom Discharge Cars; Push Carts for handling Coal, Ores, Earth, Concrete, Etc. Asphalt Heaters, and Lead Melting Furnaces, etc.

Queensboro Terminal Long Island City New York, N. Y.





BUCKETS (COAL & ORE)—continued

STUEBNER G. L. IRON WORKS (Self Dumping & Righting), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Tippet & Wood, Phillipsburg, N. J.

TRAYLOR ENGINEERING & MFG. CO. (Ore Only), Allentown, Pa.
See adv index at end of book

Watt Mining Car Wheel Co., Barnesville, O.

Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Williams G. H. Co., Erie, Pa.

1590— Buckets (Concrete)

Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Garfield & Co., 1323 Heart bldg, San Francisco, Cal.

Hoisting Machinery Co., 50 Church, New York

Lakewood Engineering Co., Cleveland, O.

Ransome Concrete Machinery Co., Dunnellen, N. J.

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Tippet & Wood, Phillipsburg, N. J.

Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

1590a—*Buckets (Contractors)

Stolz Jos. & Son, Inc., 841 E 136th, New York

Buckets (Dinner)

See Pails, Dinner

1591— Buckets (Dope)

Johnston Mfg. Co., Urbana, O.

1592—Buckets (Drag Line Scraper)

Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.

Brown Hoisting Machinery Co., 4403 St. Claire N E, Cleveland, O.

Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

Hayward Co., 30 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Hoisting Machinery Co., 50 Church, New York

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

Mansfield Engineering Co. The ("Pioneer"), 1100 Burdsal Pkway, Indianapolis, Ind.

Monighan Machine Co., 2032 Carroll av, Chicago, Ill.

Sauerman Bros., 1138 Monadnock blk, Chicago, Ill.

United Iron Works, Inc. (Excavating), Kansas City, Mo.

Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

1593—Buckets (Dredging & Excavating)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.

American Bridge Co., 30 Church, New York

Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Blaw-Knox Co., Freeport rd, Hoboken, N. J.

Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.

CLYDE IRON WORKS SALES CO., Duluth, Minn. *See adv index at end of book*

Dull Raymond W. Co., 111 W Washington, Chicago, Ill.

Hensley James W. & Co. (Center Gravity), Indianapolis, Ind.

Hoisting Machinery Co., 50 Church, New York

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Kensington Structural Steel Co., Venango & G, Phila., Pa.

Kensington Structural Steel Co., Dept. H, Venango & G, Phila., Pa.

Kiesler Jos. F. Co., N. Sangamon & W Huron, Chicago, Ill.

Lakewood Engineering Co., Cleveland, O.

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.

Mansfield Engineering Co. ("Pioneer"), Fletcher Trust bldg., Indianapolis, Ind.

Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.

Osgood Co., Marion, O.

Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.

PAGE ENGINEERING CO. ("Page" Scraper Excavator), 189 W. Madison, Chicago, Ill.

Penn Foundry & Mfg. Co., Reading, Pa.

Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

Williams G. H. Co., Erie, Pa.

1594—Buckets (Elevator & Conveyor)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14 State, Chicago Heights, Ill.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*

Beckley Perforating Co., Garwood, N. J.

Blaw-Knox Co., Freeport rd, Hoboken, N. J.

Caldwell H. W. & Son Co. ("Best," Seamless Steel), 17th & Western av, Chicago, Ill.

Chain Belt Co., (Malleable), Milwaukee, Wis.

Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.

Codd E. J. Co., 700 S Caroline, Baltimore, Md.

Cross Engineering Co., Carbondale, Pa.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Federal Malleable Co. (Malleable Iron), West Allis, Wis.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.

Gump B. F. Co., 431 S Clinton, Chicago, Ill.

Hendrick Mfg. Co., Carbondale, Pa.

Howe Chain Co. (Charcoal Malleable Iron), Muskegon, Mich.

Hudson Machinery Co., Passaic, N. J.

Insley Mfg. Co. (Automatic, Concrete), 3500 E St. Clair, Indianapolis, Ind.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Lakewood Engineering Co., Cleveland, O.

Leetonia Boiler Co., Leetonia, O.

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

Littleford Bros., 444 E Pearl, Cincinnati, O.

Mansfield Engineering Co. ("Pioneer"), Fletcher Trust bldg., Indianapolis, Ind.

Marseilles Works of Deere & Co., East Moline, Ill.

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

Michigan Sprocket Chain Co., Delray, Detroit, Mich.

Moline Malleable Iron Co., St. Charles, Ill.

Montague Pipe & Steel Co., Hobart bldg, San Francisco, Cal.

Moore, Geo. W. Co. ("Salem" Also Grain), 2144 W. Fulton, Chicago, Ill.

Mullins Body Corp., Dept. H, Salem, O.

Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

Pennsylvania Eng. Works, New Castle, Pa.

Remaly Mfg. Co., Tamaqua, Pa.

Robins Conveying Belt Co., 13 Ann, New York

Robinson Mfg. Co. ,Muncy, Pa.

Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.

Savage W. J. Co., Knoxville, Tenn.

Schmahl Jacob & Co., 28 Lloyd, Buffalo, N. Y.

Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.

Sprout, Waldron & Co., Muncy, Pa.

Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.

Stephens-Adamson Mfg. Co. ("S. A."), Aurora, Ill.

Stolz Jos. & Son, Inc. (Elevator), 841 E 136th, New York

Union Iron Works, Hoboken, N. J.

Union Iron Works, Spokane, Wash.

United Iron Works, Inc., Kansas City, Mo.

Webster Mfg. Co., 4500 Cortland, Chicago, Ill. *See adv index at end of book*

Weller Mfg. Co., 1856 N Kastner av, Chicago, Ill.

Willcox Engineering Co. (For Hauling Salt), 1525 Holland av, Saginaw, Mich.

Wolf Co., Chambersburg, Pa.

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Buckets (Fibre)

See Pails, Fibre

1595— Buckets (Fire)

See also Pails, Galvanized Iron
Also Buckets, Rubber

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.

Cordley & Hayes (Paper, Fibre), 7 Leonard, New York

Crunden Martins Mfg. Co., 2d & Gratiot, St. Louis, Mo.

Foamite Firefoam Co., 200 5th av, New York

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

Hayward S. F. & Co., 250 W. 54th, New York

Hunt & Dorman Mfg. Co. (Special), 1600 E 24th, N. E, Cleveland, O.

Kraft A. C., 323 W Lake, Chicago, Ill.

New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.

Northern Fire Apparatus Co. ("Waggoner" Sanitary), 2422 University av S E, Minneapolis, Minn.
See adv index at end of book

Orleans Steel Products Co., Inc. (Jobbers), 1021H Bienville, New Orleans, La.

Rochester Can Co. ("Iron Horse" Galvanized Iron), 89 Hague, Rochester, N. Y. *See adv index at end of book*
SAFETY FIRE EXTINGUISHER CO. (Safety Fire Bucket Tanks), 295 7th av, New York *See adv index at end of book*
Steel Basket Co. (Corrugated & Plain), Cedar Rapids, Ia.
Waggoner Sanitary Fire Bucket Co., 400 Monticello av, Chicago, Ill.
Whitaker-Glessner Co., (Wheeling Corrugating Dept.) (Galvanized & Painted Red Outside), Wheeling, Va.
Zelnicker Walter A. Supply Co. ("Zelnicker" Conical), 325 Locust, St. Louis, Mo. *See adv index at end of book*

Buckets (Galvanized Iron)

See Pails, Galvanized Iron

1596—*Buckets (Gold Dredging)

JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

1597— Buckets (Grab)

Abel-Howe Co., 322 S Michigan av, Chicago, Ill.
Advance Engineering Co. ("Aden"), Metta av, Cleveland, O.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Andresen-Evans Co., 80 E Jackson blvd, Chicago, Ill.
BROSIUS EDGAR E. ("Brosius"), 1212 Benedum Trees bldg., Pittsburgh, Pa.
Brown Hoisting Machinery Co. ("Brownhoist"), 4403 St. Clair N E, Cleveland, O.
Browning Co. (Automatic Square Type), E 162d & Waterloo rd N E, Cleveland, O.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Industrial Works, Bay City, Mich.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Owen Bucket Co. ("Owen"), Rockefeller bldg., Cleveland, O.
Pawling & Harnischfeger Co. ("P. & H." for Foundry Use), Milwaukee, Wis. *See adv index at end of book*
Vulcan Iron Works, Inc., Hudsoon & Essex Jersey City, N. J.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Whiting Foundry Equipment Co. ("Watters" Quick Detachable), 157th & Halstead, Chicago, Ill
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

1598— Buckets (Grease)

Eagle Mfg. Co. ("Eagle" Steel), Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Lane C. L. ("Wooden"), East Swanzey, N. H.

1599-1600—Buckets (Hard Rubber)

American Hard Rubber Co. (For Acids, Dyes, Brine, etc), 9 Mercer, New York

1601— Buckets (Maple Sap)

Grimm G. H. ("Grimm"), Rutland, Vt.

1602— Buckets (Minnow)

Deshler Mail Box Co. ("Jones"), Deshler, O.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.

1603—Buckets (Orange Peel)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
Hayward Co., 30 Church, New York *See adv index at end of book*

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Hoisting Machinery Co., 50 Church, New York
Industrial Works, Bay City, Mich.
Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill
LINK-BELT COMPANY, 300 W. 39th, New York *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.

1604— Buckets (Powder)

Brown M. Co., Wapakoneta, O.

1605— Buckets (Pump)

See also Buckets, Rubber

Brown E. C. Co., Rochester, N. Y.
Chain Products Co., 3924 Cooper av, N E, Cleveland, O.
Cronk & Carrier Mfg. Co. (Chain Pumps), 150 Lake Elmira, N. Y. *See adv index at end of book*
Wyckoff A. & Son Co. (Chain Pumps & Buckets), Elmira, N. Y.

1606— Buckets (Rubber)

Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Crosby Co., Cuba, N. Y.
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
Freshour Henry C. ("Star"), Bridgeport, Conn.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hodgman Rubber Co., 8 W 40th, New York
India Rubber Co., New Brunswick, N. J.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
National India Rubber Co. ("Pioneer"), Bristol, R. I.
Pennsylvania Rubber Co. (Pump), Jeannette, Pa.
Republic Rubber Co., Youngstown, O.
U. S. Rubber Co., 1790 Broadway, New York

1607—Buckets (Sand Handling)

Blaw-Knox Co., Freeport rd, Hoboken, N. J.
Brown Hoisting Machinery Co., 4403 St. Claire, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*
Mansfield Engineering Co., Fletcher Trust bldg., Indianapolis, Ind.
Tippet & Wood, Phillipsburg, N. J.
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

1608—Buckets (Scraper, Clam Shell)

Brown Hoisting Machinery Co., 4403 St. Claire, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
LINK-BELT COMPANY, 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.

Buckets (Scraper Excavator)

See Buckets, Drag Line Scraper

1609—Buckets (Self-Dumping)

See also Tubs, Hoisting & Dumping

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
Austin Machinery Corp. (& Loading), Railway Exchange bldg, Chicago, Ill.
Biehl Iron Works, Inc. (Self-Righting), Reading, Pa.
Blaw-Knox Co., Freeport rd, Hoboken, N. J.
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Concrete Elevator), 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O. *See adv index at end of book*
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Tippet & Wood, Phillipsburg, N. J.
United Iron Works, Inc., Kansas City, Mo.
Williams G. H. Co., Erie, Pa.

1610—Buckets (Self-Loading Powder Scraper)

Advance Engineering Co., Metta av, Cleveland, O.
Brown Hoisting Machinery Co., 4403 St. Claire, N E, Cleveland, O.
Page Engineering Co. ("Page" Automatic Dumping), 189 W Madison, Chicago, Ill.
Williams G. H. Co., Erie, Pa.

1611— Buckets (Sewer)

Akron Cultivator Co., Akron, O.
Eagle Mfg. Co. ("Eagle" Welded Steel), Wellsburg, W. Va.
National Enameling & Stamping Co., 411 5th av, New York
Potter Mfg. Co., 3505 Washington, Indianapolis, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Williams G. H. Co., Erie, Pa.

1612— Buckets (Shoveling)

Brown Hoisting Machinery Co. ("Brownhoist" for Limestone, Coal, Ore, Clay, etc.), 4403 St. Clair, N. E., Cleveland, O.

1613— Buckets (Skip)

Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*

Buckets (Slag)

See Buckets, Sand Handling

Buckets (Stone)

See Buckets, Elevator & Conveyor

1613a—*Buckets (Turn Over)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

Buckets (Water)

See Pails, Galvanized Iron

1614— Buckets (Well)

See also Pails, Galvanized Iron

Chattanooga Roofing & Foundry Co. (Galvanized Bored), Dept. H, Chattanooga, Tenn.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Lown & Son, Poughkeepsie, N. Y.
McClinton Mfg. Co. (Drilled), Ft. Smith, Ark.
National Enameling & Stamping Co. (Artesian, Bored, etc), 411 5th av, New York
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Richmond Cedar Works ("Dixie," "Victor," "Jumbo," "King," "Crown," White Oak Iron Bound), Fulton, Richmond, Va.
Rochester Can Co. ("Iron Horse"), 81 Hague, Rochester, N. Y. *See adv index at end of book*
Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Union Cooperage Co. (Wooden), 2nd & Penrose, St. Louis, Mo.
Whitaker-Glessner Co., (Wheeling Corrugating Co.) (Galvanized Steel; also Crimped & Cone Top for Artesian or Bored Wells), Wheeling, W. Va.

Buckets (Wooden)

See Pails & Buckets, Wood

1615—Buckets & Pails (Collapsible)

Abercrombie David T. Co., 17 Warren, New York
Abercrombie & Fitch Co., Madison av & 45th, New York
Defiance Welding Co. ("Boko"), Defiance, O.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hayward S. F. & Co. (Folding Buckets), 250 W 54th, New York
Hodgman Rubber Co., 8 W 40th, New York
Martin Auto Specialty Co., Lancaster, O.
Mechanical Rubber Co., 73 Reade, New York
National India Rubber Co., Bristol, R. I.
National Mfg. Co., Des Moines, Ia.
Pillsbury Mfg. Co. ("Wantopail"), 321 Hennepin av, Minneapolis, Minn.
Planet Co. ("Duplex"), Westfield, Mass.

BUCKETS & PAILS (COLLAPSIBLE)—c't
Pneumatic Mfg. Co. (Canvas), 123 Pacific, Brooklyn, N. Y.
Safety Fire Extinguisher Co. (Rubber & Canvas), 295 7th av, New York
See adv index at end of book
Stanley, Wm. W. (Canvas, Waterproof Buckets), 50 Church, New York

1616— Buckles (Back Band)

STANLEY WORKS ("Plow Boy," "Samson" & "Stanley"), New Britain, Conn.
See adv index at end of book
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1617— Buckles (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Am. Nut & Bolt Fastener Co., 3 Ontario, Pittsburgh, Pa.
Baling Tie Buckle Co. ("Star," "Hercules," "Bull Dog" Baling Tie Buckles), Waterloo rd, Cleveland, O.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Compress Buckle Co. (High Density Wire Buckles for Cotton), Fort Worth, Tex.
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Oliver Iron & Steel Co. (Cotton Tie), S 10th & Muriel, Pittsburgh, Pa.
Sharon Steel Hoop Co. (Cotton Tie, etc.), Sharon, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

1618—Buckles (Belt & Strap)

Alma Mfg. Co. (Men's), 611 S Monroe, Baltimore, Md.
American Buckle Co., West Haven, Conn.
Capron Co. (Self-Locking Automatic Gold & Silver), 70 Ship, Providence, R. I.
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Connecticut Web & Buckle Co., Bridgeport, Conn.
Elbel Co. (Web Strap), Dept. H, Canton, O.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Hickok Mfg. Co., 299H State, Rochester, N. Y.
Jenkinson R. C. & Co. (Strap), 293 Washington, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
O'Neill & O'Neill (Ladies'), 82 Union, Newark, N. J.
Osborn J. K. Mfg. Co., Harrison, N. J.
Poeter E. & Co., 1168 S Grove, Newark, N. J.
Riley-Koltz Mfg. Co., 17 Mulberry, Newark, N. J.
Smith & Griggs Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Traut & Hine Mfg. Co., New Britain, Conn.
Turkeltaub M. & Son, 38 E 12th, New York
Union Metal Goods Co. (Overall), Pawtucket, R. I.
WATERBURY BUTTON CORPORATION, 831 So Main, Waterbury, Conn.
See adv index at end of book
West Haven Buckle Co. (Clothing), West Haven, Conn.
Whitehouse H. G., 44 Elm, Newark, N. J.

1619— Buckles (Harness)

Eberhard Mfg. Co., C. & P. R. R. & Tennyson rd, Cleveland, O.
Elbel Co., Canton, Ohio
Enterprise Mfg. Co. ("Pflueger"), **Akron,** O.
Imperial Bit & Snap Co. (& Loops), Racine Wis.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand," "Tungard"), New Britain, Conn.
Rubber & Celluloid Products Co., 56 Ferry, Newark, N. J.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book

1620-1— Buckles (Lock)

Posternok, Jos. (Deuble End Fabric), Dept. H, Walpole, Mass.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Stimpson Edw. B. Co. ("Lynch-Gapen"), 68 Franklin av, Brooklyn, N. Y.

1622— Buckles (Shoe)

Alterson L. & Co., 162 W 34th, New York
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Stimpson Edwin B Co., 852 Kent av, Brooklyn, N. Y.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book

1623— Buckles (Wire)

Am. Steel & Wire Co., 208 So La Salle, Chicago, Ill.
See adv index at end of book
Eastern Tool & Mfg. Co. (For Overalls), Bloomfield av, Bloomfield, N. J.
HENDRYX, A. B. CO., 86 Audobon, New Haven, Conn. *See adv index at end of book*
North & Judd Mfg. Co. ("Anchor" Brand), New Britain, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Buckle Co., Waterbury, Conn.
Waterbury Button Corporation, , 831 So. Main, Waterbury, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Novelty Mfg Co., West Haven, Conn.

1624-5— Buckram

Chandler Oil Cloth & Buckram Co. (One, Two & Three-Ply Burlap), East Taunton, Mass.
Cleveland-Akron Bag Co., Cleveland, O.
Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
Landers Bros. Co., Toledo, O.
McLean Andrew Co., Passaic, N. J.
Palmer J. E. Co. (Millinery), Middletown, Conn.
Richter Mfg. Co., Tenafly, N. J.
Thompson James & Co., 112 Prince, New York
U. S. Electric Mfg. Co. (Buffers Bench), 300 S Central av, Los Angeles, Cal.

Buckram (Catalogue)

See Cloth, Book

Buddles (Revolving)

See Tables, Slime

1626— Buffers (Board)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

1627— Buffers (Car)

Brill J. G. Co. (Angle Iron), 62nd & Woodland av, Phila., Pa.
Commonwealth Steel Co. (Cast Steel), Pierce bldg, St. Louis, Mo.
Franklin Ry Supply Co. ("Radial"), 30 Church, New York
Gould Coupler Co., 30 E 42d, New York
National Car Coupler Co. ("National" Platform & "Hinson" Friction), 332 S Michigan, Chicago, Ill. Works: Attica, Ind.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Coupler Co., 30 Church, New York

1627a— *Buffers (Finger Nail)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1628—Buffers (Hand, Electric)

American Electric Tool Co. ("Carver," Portable), West Newton, Mass.
Hobart Bros. Co., Troy, O.
Stow Mfg. Co., Binghamton, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.

1629— Buffers (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Continental Rubber Works, Erie, Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Mattson Rubber Co., Lodi, N. J.
National India Rubber Co., Bristol, R. I.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

1630-1—Buffers (Wagon Spring)

See also Buffers, Rubber

Indianapolis Bolster Spring Co. ("Victor"), 326 W. Georgia, Indianapolis, Ind.

Buffs

See Wheels, Buffing; also Machy. Grinding & Polishing

Buggies

See Carriages; see also Classifications of Buggies Following

1632—Buggies (Buhr-Stones)

Hasbrouck J. J. & Co. ("Esopus"), **Office & Quarries, New Paltz, N. Y.**

1633— Buggies (Charging)

See also Barrows, Furnace Charging, also Cars, Charging

Lakewood Engineering Co., Cleveland, O.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1634— Buggies (Cinder)

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

1635— *Buggies (Coal & Ore)

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1636— Buggies (Coke & Ore)

Atlas Engineering Co., Amherst, O.
Easton Car & Construction Co., 36 Church, New York *See adv index at end of book*
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

1636a— Buggies (Concrete)

Davis Morris K. ("20th Century"), 400 7th, San Francisco, Cal.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.

1637— Buggies (Lumber)

Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Ransome Concrete Machinery Co., Dunellen, N. J.
Streich A. & Bro. Co., Oshkosh, Wis.

1637a— Buggies (Wire)

See also Trucks, Wire Mill; also Cars, Plate & Sheet Mill
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

1638—Buggy (Armature)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

1639— Buhr Stones

See also Millstones

Gump B. F. Co., 431 S Clinton, Chicago, Ill.
TOBLER & CO., INC., 115 Broad, New York
Van Brunt R. B. (French) 17 State, New York

Builders (Contracting)

See Contractors, Building & General

Builders' Hardware

See Hardware Manufacturers

Builders' Mill Work

See Interior Hardwood Work

1640—*Builders (Contracting, Large)

STEWART JAMES & CO., INC., 30 Church, New York

1641 — Builders (Moving Picture Studio)

Lutton William H. Co., **Jersey City, N. J.**

Builders' Cast Iron Work

See Firms in Iron, Architectural & Ornamental, marked with a Star (*); also Machinists & Founders

1642—Building Directories (Changeable)

NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Tablet & Ticket Co., 624 W Adams, Chicago., Ill.
Universal Register Co., 226 W Ontario, Chicago, Ill.
Winters H. E., Davenport, Ia.

1643—Building Materials (Second-Hand)

Buckeye Wrecking & Salvage Co., 959 W 7th, Cincinnati, Ohio
Buffalo House Wrecking & Salvage Co., Sycamore & Erie R. R., Buffalo, N. Y.
Cohen Bros. Iron & Metal Co., Des Moines, Ia.
Cuyahoga House Wrecking Co., 6311 Kinsman rd, Cleveland, O.
East Coast Hardware Co., West Palm Beach, Florida
Greene Byron W., Jr., Co., 309 Av B, New York
Harris Bros. Co., W 35th & Iron, Chicago, Ill.
Jump House Wrecking Co., 210 W 14th, New York

Kreusler & Co., Ltd., 3301 Penn av, Pittsburgh, Pa.
Lash A. F. Co., 25 D, Boston, Mass.
Lowell Building & Supply Co., Lowell, Ohio
Pachoud Bros., 1037 Gilbert av, Cincinnati, O.
Reeber's Jos. Sons Co., Canal pl & 138th, New York
Rheinfrank Building Material Co., 620 E 14th, New York
Rhodes Jamison Co., Oakland, Calif.
Seagrist F. W., Jr. Co., 533 E 18th, New York
Southard Chas. H. Co., 9th av nr 15th, New York
Van Keuren & Son, 501 Passaic av, Newark, N. J.
Volk Jacob Housewrecking Co., 103 Park av, New York
World's Fair Wrecking Co., 1559 Gest, Cincinnati, O.

1644—Building Sheathing (Felt)

See also Felts, Roofing

Barrett Co. (Red Rosin Sized, etc), 17 Battery pl, New York
Hydrex Felt & Engineering Co., 120 Liberty, New York
Johns-Manville, Inc. (Keystone "Electrobesto"), Madison av & 41st, New York
Keystone Hair Insulator Co. (Hair Felt), 1243 Spring Garden, Pittsburgh, Pa.
New England Felt Roofing Works, 101 Milk, Boston, Mass.
Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.
Union Fibre Co., Inc. ("Linofelt"), Winona, Minn.
Watson H. F. Co. (Asbestos), Erie, Pa.

1645—Building Sheathing Quilt (Asbestos)

Cabot Samuel (Inc.), 141 Milk, Boston, Mass
Miller Mfg. Co., 8000H Alabama av, St. Louis, Mo.

1645a—*Buildings (Portable)

See also Portable Houses

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
VAILE & YOUNG, Ridgely & Bush, Baltimore, Md.

1645b—*Buildings (Steel Mill)

Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book

1646—Bulbs (Automobile Horn)

See also Bulbs, Rubber

Goodrich B. F. Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha" Rubber Brass Mounting), 286 Sheffield av, Brooklyn, N. Y.
Tyer Rubber Co. ("Tyrian," with Brass Mountings), Andover, Mass.

1647—Bulbs (Incandescent Lamp)

Advance Lampworks (Automobile), 361 W Superior, Chicago, Ill.
Corning Glass Works, Corning, N. Y.
Holophane Glass Wks. of Gen. Elec. Co., Newark, O.
Libbey Glass Co., Toledo, O.
Paragon Electric Co., 329 E 5th, New York
Wagner Glass Works, 697 E 132d, New York

1647a— Bulbs (Nitrogen)

Central Scientific Co., 460 E Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Empire Laboratory Supply Co., Inc., 405 Lexington av, New York
Scientific Utilities Co., Inc., 18 E 16th, New York

1647b— Bulbs (Pull Chain)

Light Finder Sales Corp. (Luminous), 507 Fifth av, New York
Pioneer Corp. 1249 W 5th, Chicago, Ill.

1648— Bulbs (Rubber)

Ajax Rubber Co., 220 W 57th, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Eastern Specialty Mfg. Co. (For Tanks), 1553 Dickson av, Scranton, Pa.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Norwalk Mfg. Co., E. Norwalk, Conn.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyer Rubber Co., Andover, Mass.
Whitall Tatum Co., 48 Barclay, New York N. Y.

1648a— Bulbs (X-Ray)

Corning Glass Wks., Corning, N. Y.

1649—*Bulkhead Builders (Concrete)

RAYMOND CONCRETE PILE CO., 140 Cedar, New York

Bulldozers

See Bulldozer or Bending Machines

1650— Bulletin Boards

Art Metal Construction Co., Jamestown, N. Y.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
TYLER W. S. CO. Cleveland, O
See adv index at end of book
Wis. Iron & Wire Works (Steel, Brass & Bronze), 1660H Booth, Milwaukee, Wis.

1651 — Bullion (Copper)

International Minerals & Metals Co., 61H Broadway, New York
Philipp Brothers (Imp), 29 Broadway, New York
U. S. Metal Refining Co., 61 B'way, New York

1652— Bullion (Lead)

American Zinc, Lead & Smelting Co., 120 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling
Selby Smelting Works, 201 1st, San Francisco, Cal.
U. S. Metals Refining Co., 61 B'way, New York
U. S. Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

1653-4—Bumpers (Automobile)

Badger Mfg. Co., 313-317 Milwaukee, Milwaukee, Wis.
Central Brass & Fixture Co. ("Buckeye"), Springfield, O.
Cox Brass Mfg. Co., Albany, N. Y.
Duplex Machine Co., 93 Lafayette, Newark, N. J.
Frazier, W. S. & Co., Dept. H, Aurora, Ill.
Gemco Mfg. Co. ("Gemco"), Milwaukee, Wis.
Halladay L. P. Co. ("Universal," "Imperia"), Streator, Ill.
Hoover Spring Co. ("Hoover"), 201-223 Franklin, San Francisco, Cal.
Kawneer Mfg. Co. (Cold Drawn Channels), Niles, Mich.
Polson Mfg. Co., Buffalo, N. Y.
Sager J. H. Co., Rochester, N. Y.
Stewart-Warner Speedometer Corp. ("Stewart"), 1826 Diversey Parkway, Chicago, Ill.
Toledo Cable Co., 506 S St. Clair, Toledo, O.
Turner Brass Works ("Harroun"), Sycamore, Ill.

Bumpers (Car Seat)

See Rubber Bumpers and Cushions

Bumpers (Rubber)

See Rubber Bumpers & Cushions

1655— Bunchers (Asparagus)

Johnson Mfg. Co. ("Acme," "Phila."), 103 N Front, Phila., Pa.
Wyckoff Bros., Hightstown, N. J.

1656— Bunchers (Clover)

Acme Harvesting Machine Co., Peoria, Ill.
American Buncher Mfg. Co. ("American," "Prairie"), Oliver & Harding, Indianapolis, Ind.
Blocki F. Co. ("Blocki"), Sheboygan, Wis
Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
Franzmeier Louis, Timothy, Wis.
Gaterman Mfg. Co. (Side Delivery), Manitowoc, Wis.
International Harvester Co. of Amer. (Inc.), ("Deering-McCormick"), Harvester bldg, Chicago, Ill.
Johnson Mfg. Co. ("Acme," "Phila."), 314 Cherry, Phila., Pa.
National Harrow Co. ("National"), LeRoy, Ill.
Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.
Walker Mfg. Co. ("Western"), Council Bluffs, Ia.

Bung Mfrs.

See Plugs, Wood; also Bungs Barrel

1656a—Bung Fasteners for Barrels

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1657— Bung Starters

Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
Redlich Mfg. Co., 637-647 W Oak, Chicago,
Sommer Jno. Faucet Co., 30 Morris av, Newark, N. J.
Stossel Carl Sons & Co., Front Royal, Va.
Union Hardware Co., Torrington, Conn.

1657a— Bungs (Barrel)

Bonney Forge & Tool Wks., Allentown, Pa.
Erie Metal Products Co., Erie, Pa.
Portland Cooperage Co., Portland, Me.
Redlich Mfg. Co. (Wood), 637-647 W Oak, Chicago, Ill.
South Bend Dowel Wks., So. Bend, Ind.
Standard Turning Wks., Cambridge, Mass.
Stiles, H. A. & Co. (& Keg), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
United States Bung Mfg. Co., 50 S 2nd, Brooklyn, N. Y.

1657b— *Bungs (Oil Can)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1658— Bunkers (Coal)

American Bridge Co., 30 Church, New York
Conney & Co. Inc., 4000 N 2d, Philadelphia, Pa. *See adv index at end of book*
Guarantee Construction Co. (Concrete Line Suspension), 92 West, New York
HELTZEL STEEL FORM & IRON CO., THE, Warren, O.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.

1659— Bunting Mfrs.

See also Flag Mfrs.

New England Bunting Co., Lowell, Mass.
Passaic Print Works (Cotton), Passaic, N. J.
Textile Products Mfg. Co. ("Durabelle" Signal Flag), Park av & Dolman, St. Louis, Mo.
United States Bunting Co., Lowell, Mass.

1660— Buoys (Gas)

American Welding Co., Carbondale, Pa.
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
Safety Car Heating & Lighting Co. ("Pintsch"), 2 Rector, New York
Stolz Jos. & Son, Inc. (Whistling & Bell), 841 E 136th, New York

Buoys (Life)

See Life Preservers

1661—Buoys (Mooring, Etc.)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Biertuempfel Bros. Cork Specialty Co., 57 av L, Newark, N. J.
Drien Thos. & Sons Co., Wilmington, Del.
Jordan Bros. Lumber Co. ("Never Sink"), 300 Main, Norfolk, Va.
Kellogg M. W. Co. (Welded Steel), 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lebanon Boiler Works, Lebanon, Pa.
Manitowoc Engng. Works, Manitowoc, Wis.
Marine Mfg. & Sup. Co., 158 South, New York
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Sharlow Bros. Co., 442 W 42nd, New York

1661a— *Buoys (Net)

Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

1661b— Burettes

Central Scientific Co., 460 E. Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Denver Fire Clay Co., Denver, Colo.
Eimer & Amend, 205 3rd av, New York
Empire Laboratory Supply Co., Inc., 405 Lexington av, New York
International Glass Co., Millville, N. J.
Mine & Smelter Supply Co., Denver, Colo. 42 B'way, New York
Scientific Utilities Co., Inc., 18 E 16th, New York
Wagner Glass Wks., 697 E. 132nd, New York
Whitall Tatum Co., 63 Barclay, New York

1662—Burial Cases & Vaults (Concrete)

Automatic Sealing Vault Co., Peru, Ind.
Cement Casket Mfg. Co., Albion, Mich.
Mead-Snyder Co. ("American"), Park av & N 13th, Newark, N. J.
Norwalk Vault Co., Norwalk, Ohio

1662a—Burial Cases & Vaults (Metallic)

See also Burial Vaults, Steel

American Steel Grave Vault Co., Galion, O.
Clark Grave Vault Co., Columbus, O.
Decatur Cornice & Roofing Co., Decatur, Ill.
Detroit Metallic Casket Co., 862 Gratiot av, Detroit, Mich.
Galion Metallic Vault Co., Galion, O.
Kelly Mfg. Co., Bucyrus, O.
La Haye Mfg. Co., 298 11th, San Francisco, Cal.
Manhattan Metallic Casket Co., 2426 1st av, New York
Maxwell Steel Vault Co., Oneida, N. Y.
Meadville Metallic Vault Co., Meadville, Pa.
National Casket Co., Dept. H, 7th & Duquesne way, Pittsburgh, Pa.
Skahen Steel Co., Syracuse, N. Y.
Springfield Metallic Casket Co., Springfield, O.
Wilcox E. A. Mfg. Co., 6330 Stony Island av, Chicago, Ill.

1663—Burial Cases & Vaults (Slate)

American Slate Co., Easton, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Bray J. Slate Co. (Jobbers), E. Bangor, Pa.
Excelsior Slate Co., Pen Argyl, Pa.
Hahn Granville, Walnutport, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Kimes, J. B. & Co., 24th & Callowhill, Phila, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Peerless Slate Co., Delta, Pa.
Penrhyn Slate Co., Hydeville, Vt.

1664-5—Burial Cases & Vaults (Stone)

Euclid Stone & Brick Co., Cleveland, O.
McDermott Stone Co., McDermott, Ohio
Mineral Products Co. ("Xyno"), Rhinelander, Wis.

1666— Burlap

See also Bags & Bagging

American Bag Co. (Also Bags & Twines), 3rd & Oakland, Harrison, Cal.
Bell Bag Co., 63 Front, New York
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
Brimberg H., 546 Pearl, New York
Central Bag Mfg. Co., 3622 Iron, Chicago, Ill.
Chase H. & L. (Importers), 267 Atlantic av, Boston, Mass.
Chelsea Fibre Mills, 212 5th av, New York. Factory: Brooklyn N. Y.
Clapp H. D. B. & Co. (Waste), 324 N American, Phila., Pa.
Cleveland-Akron Bag Co. ("Protex," Waterproof), Cleveland, O.
Collins Plass Thayer Co., 26 Beaver, New York
Cott-a-Lap Co. ("Cotta-a-Lap," "Eureka," "Muro," "Tex-ta-dor-na," Wall Burlaps), Somerville, N. J.
Duncan Geo. & Co., 366 B'way, New York
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Emsley John W., Adams & Emerald, Phila., Pa.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Graffin John C. Co., 10 South Baltimore, Md.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent) (Jute Decorative & Bagging Burlaps), 320 B'way, New York
Gulf Bag Co., 330 Notre Dame, New Orleans, La.
Halsted E. S. & Co., 64 Pearl, New York
Hartmann Pacific Co., Inc. (Imps.), 80 Wall, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horner Wm. J., 62 Beaver, New York
Hydrex Felt & Eng'ng Co. ("Hydrexed"), 120 Liberty, New York
Kent Percy Co., 33 Pearl, New York
Klein Max, 38 Park Row, New York
Landers Bros. Co., Toledo, O.
Lawson Jacob Bag Co., 264 Water, New York
Lenon Co. ("Tuf-Tex"), 4451 S Oakley av, Chicago, Ill. *See adv index at end of book*
Logie Jas. & Co., 42 B'way, New York
Logie James, Produce Exchange, New York
Mente & Co., Robin & S. Peters, New Orleans, La.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Mitsui & Co. (Imp.), 65 B'way, New York
Oriental Textile Mills, Houston, Tex.
Ralli Bros., 11 William, New York
Reach Herman & Co., Inc. (Imp.), 71 B'way, New York
Richter Mfg. Co. (Plain, Decorated, etc), Tenafly, N. J.
Riegel Sack Co. (Importers), 8 W 40th, New York
Robinson Chas. A., 46 Beekman, New York
Robinson D. & Sons, 646H Hastings, Detroit, Mich.
Ross Wm. & Co., 407 N Peoria, Chicago, Ill.
Scott Jas. & Sons, 346 B'way, New York
Taylor & Ellis, 435 B'way, New York
Texas Bag & Fibre Co., Houston, Tex.
Thompson's Samuel Nephew & Co. (Importers), 142 Duane, New York
Vedovi, G. A. (Importer), 29 B'way, N. Y.
Walsh's Sons & Co., Inc. (Dealers), 295-305 Passaic, Newark, N. J.
WERTHAN BAG CO., 12th & Clinton, Nashville, Tenn.
See adv index at end of book
White Jas. F. & Co., 54 Worth, New York
Winne F. W. & Son, 237 Market, Phila., Pa.
Young & Metzner, 335 Vernon av, Long Island City, N. Y.

1667—Burners (Acetylene Gas)

American Lava Corp. ("Alco"), Chattanooga, Tenn.
Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
Colonial Mfg. Co., Chattanooga, Tenn.
Crane Wm. M. Co. ("Bray"), 16 W 32d, New York
Crescent Burner Mfg. Co. ("Crescent"), 116 E. 27th, New York
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Steward D. M. Mfg. Co. ("E. H."), Chattanooga, Tenn.

Burners (Automobile)

See Burners, Kerosene, Automobile; also Burners, Gasoline, Automobile

1668— Burners (Bunsen)

Buffalo Dental Mfg. Co., Buffalo, N. Y.
Central Scientific Co., 460 E Ohio, Chicago, Ill.
Denver Fire Clay Co., Denver, Colo.
Detroit Heating & Lighting Co., Detroit, Mich.
Diagger A. & Co., 54 W Kinzie, Chicago, Ill.
Elmer & Amend, 201 E 18th, New York
Improved Apptrame Co., 413 Kent av, Brooklyn, N. Y.
Mine & Smelter Supply Co., Denver, Colo.
Scientific Utilities Co., Inc., 18 E 16th, New York
Stoelting C. H. Co., 3047 Carroll av, Chicago, Ill.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Whitall Tatum Co., 63 Barclay, New York

1669— Burners (Coal Dust)

Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Powdered Coal Engineering & Equipment Co., 2401 W Wash. pl, Chicago, Ill.
Stroud, E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

1670 — Burners (Combination Gas & Oil)

Anthony Co., 138 West av, Long Island City, N. Y.
Clark-Cadle Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
DAVISON, N. C. GAS BURNER & WELDING CO., 3145 Penn av., Pittsburgh, Pa.
Dempsey Furnace Co,. 15 Park row, New York *See adv index at end of book*
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis, Mo.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 366 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

1671—Burners (Electric Gas Lighting)

Bogart A. L. Co. ("Bartholdi" Automatic), 55 Barclay, New York
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Electric Goods Mfg. Co. (Automatic Pendant), Canton, Mass.
Holtzer-Cabot Electric Co. (Automatic), Brookline, Mass.
Parke Jno. Y. & Co. ("Jypco"), 29 N 7th, Phila., Pa.

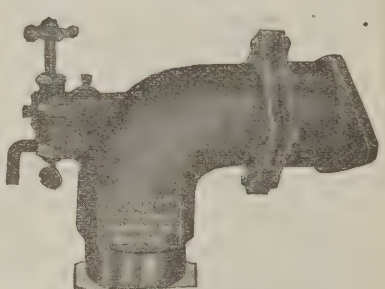
1672— Burners (Fuel Gas)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
American Gas Furnace Co., 24 John, New York
ANTHONY CO., 138 West av, Long Island City, N. Y.
Chatfield & Sharp ("Economy"), Jamestown, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Crone F. G. ("Crone" for Steam or Hot Water Heaters, Furnaces, Stoves, etc), 281 W Fury, Buffalo, N. Y.
DAVISON N. C. GAS BURNER & WELDING CO., 3145 Penn av, Pittsburgh, Pa.
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Foundry Equip. Co., 1833 Columbus rd, Cleveland, O.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hausfeld Co., Harrison, O.
Hugo Mfg. Co., Duluth, Minn.
Kemp C. M. Mfg. Co., 405 E Oliver, Baltimore, Md.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
North American Mfg. Co., 5904 Carnegie av, Cleveland, O.
OVEN EQUIPMENT & MFG. CO. ("Crawford"), New Haven, Conn.
See adv index at end of book
Parson Mfg. Co., 35 Nassau, New York
Precision Instrument Co. ("Metropolitan" Argand), 21 Halsey, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Selas Co., 521 W 23d, New York
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

1673— Burners (Fuel Oil)

American Equipment Co. ("Fox"), Norristown, Pa.
ANTHONY CO., 138 West av, Long Island City, N. Y.
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best, W. N., Inc. ("Calorex"), 11 Broadway, New York.
Braun Corporation (For Assayers' Liquid Fuel Furnaces), 363 New High, Los Angeles, Cal.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Coen Co. ("Coen" Mechanical), 112 Market, San Francisco, Cal.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DAVISON N. C. GAS BURNER & WELDING CO., 3145 Penn av, Pittsburgh, Pa.
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*

BURNERS



OIL and GAS

TYPES FOR ALL HEATING REQUIREMENTS

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DEMPSEY FURNACE CO.

15 PARK ROW NEW YORK

Foerst John & Sons, Bayonne, N. J.
Fdry. Equip. Co., 1833 Columbus rd, Cleveland, O.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker" For Fuel Oil, Under Low Pressure), Springfield, Mass.
Gustin-Bacon Mfg. Co., Los Angeles, Cal. City, Mo.
Hammel Oil Burner Co., Los Angeles, Cal.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Hausfeld Co., Harrison, O.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Johnson S. T. Co. ("Johnson" Low Pressure Air System), 1334 Mission, San Francisco, Cal.
Lockett A. M. & Co., Ltd., 533 Baronne, New Orleans, La.
Loggers Oil Equipment Co., 220 Ash, Portland, Ore.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co. (Locomotive), 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Monarch" & "Rockwell"), American bldg, Baltimore, Md.



HAUCK
FURNACE BURNERS
FOR
Fuel, crude or kerosene oil used on
Heating Forges of all kinds
Heating Furnaces of all kinds
Core Ovens
Sand and Gravel Dryers
Steam Testing

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136 10th St. . Brooklyn, N. Y

National Supply Co., 416 W Grand av, Chicago, Ill.
North American Mfg. Co., 5904 Carnegie av, Cleveland, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parson Mfg. Co., 35 Nassau, New York
Petroleum Heat & Power Co., 511 5th av, New York
Production Engineering Co. ("Peco"), 1716 Spring Garden, Phila., Pa.
Reid Jos. Gas Engine Co., Oil City, Pa.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Rogers Jno. M. Works: Gloucester City, N. J.
Schurs John (for Burning Brick, Clay, etc.), Los Angeles, Cal.
SCHUTTE & KOERTING CO. ("Koerting" Mechanical System, also Steam & Air Jet), 1251 N. 12th, Phila., Pa. *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
Sullivan Edward S. Co. ("Von Boden-Ingles," for Locomotives, Marine & Stationary Boilers), Monadnock bldg, San Francisco, Cal.
Surface Combustion Co., 368 Gerard av, New York
Tate-Jones & Co., ("Kirkwood" for Boilers, Locomotives, Furnaces, Forges, Glass House Work, Open-Hearth, etc.), Empire bldg, Pittsburgh, Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
White Fuel Oil Engineering Corp., 742 E 12th, New York
Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

1674—Burners (Furnace Gas)

Anthony Co., 138 West av, Long Island City, N. Y.
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Creaghead Enginering Co., 340 Main, Cincinnati, O
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Kemp C. M. Mfg. Co. ("20th Century"), 405 E Oliver, Baltimore, Md.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Maxon Furnace & Engineering Co., Muncie, Ind.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engng. & Mfg. Co., American bldg, Baltimore Md.
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis, Mo.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York
Tate-Jones & Co. Empire bldg, Pittsburgh, Pa.

Burners (Garbage)

See Garbage Burners, Water Heating

1675— Burners (Gas, Inverted)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Hyman Henry & Co. (Brass), 77 Chambers, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Smith F. A. Mfg. Co., Rochester, N. Y.

1676—Burners (Gas, Self-Lighting)

American Brass & Copper Co., 138 Lafayette, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Petroleum Heat and Power Co. (Oil Burning Equipments), 100 Boylston, Boston, Mass.

1677— Burners (Gasoline)

Ashton Mfg. Co., 184 Emmet, Newark, N. J.
Best Light Co., 477 Second, N E, Canton, Ohio
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Climax Machine & Burner Co. ("Climax"), 133 3rd av, Newark, N. J.
Clough, Theo., ("Clough," "Maxim"), Dobbs Ferry, N. Y.
Coleman Lamp Co., Dept. H, Wichita, Kan.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Incandescent Light & Stove Co. ("Stubbs"), Madisonville, Cincinnati, O.
OVEN EQUIPMENT & MFG. CO. ("Crawford"), New Haven, Conn. *See adv index at end of book*
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Reliable Stove Co. ("Reliable Brazier"), 1787 E 40th, Cleveland, O.
Sun Vapor & Gas Street Light Co., Canton, O.
Tirrill Gas Machine Lighting Co., 103 Park av, New York

1678—Burners (Gasoline, Automobile)

Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

1679— Burners (Hand Lamp)

Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1680—Burners (Hot Blast, Gas Stove)

Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), 21st & Pine, St. Louis, Mo.
Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.

1681—Burners (Hydro-Carbon)

Anthony Co., 138 West av, Long Island City, N. Y.
Braun-Knecht-Heimann Co. ("Cary," "Braun"), 576-584 Mission, San Francisco, Cal.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Calkins Co. ("Advance," "Challenge"), Los Angeles, Cal.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien Detroit, Mich.
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Denver Fire Clay Co. ("Case"), Denver, Colo.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Rockwell, W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

1682—Burners (Incandescent Gas)

See also Mantles, Incan. Lamp

Abrams-Orton Mfg. Co., Wadsworth, O.
Block Gas Mantle Co., Youngstown, O.
Climax Machine & Burner Co. ("Climax"), 133 3rd av, Newark, N. J.
Crane Wm. M. Co. ("Bray" Open Jet), 16 W 32d, New York
Hipwell Mfg. Co. ("Pittsburg"), 831 W North av, Pittsburgh, Pa.
Hyman Henry & Co. (Inverted & Upright), 77 Chambers, New York
Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.
Kern Burner Co., 217 W 125th, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Miller Edw. & Co., Meriden, Conn.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Solar Light Co., 69 Wooster, New York
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Unique Art Glass & Metal Co. ("Star"), 105 Vandeveer, Brooklyn, N. Y.
Welsbach Gas Lamp Co. ("Universal," "Standard" & "Consol"), 1008 Filbert, Phila., Pa. Works: Gloucester, N. J.

1683—Burners (Japanning or Baking)

Anthony Co., 138 West av, Long Island City, N. Y.
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hausfeld Co., Harrison, O.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co, 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York

1684—Burners (Kerosene, Automobile)

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Ofeldt F. W. & Sons, Nyack, N. Y.

1685—Burners (Kerosene Oil)

See also Burners, Fuel Oil

Anthony Co., 138 West av, Long Island City, N. Y.
Ashton Mfg. Co, 184 Emmet, Newark, N. J.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Clark Cadle Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
Dempsey Furnace Co., 15 Park row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Waterbury Mfg. Co., Waterbury, Conn.
Weldcraft Equipment Co., 2501 Penn av. Pittsburgh, Pa.

1686—Burners (Lamp, Kerosene Oil)

Best Light Co., 477 Second, N E, Canton, Ohio
Miller Edw. & Co. ("Dual," "Solar," "Perfection Car," "Apollo," "Hero," "Jewell," "Venus," "Simplex," "Stellar," "Victor," "Excelsior," "Sun," "Favorite," "Lenith," "Niagara," "Lard oil," & "Vesta"), Meriden, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rochester Headlight Works (Jas. H. Kelly, Prop.), Rochester, N. Y.
SOOVILL MFG. CO. ("Queen Anne"), Waterbury, Conn. *See adv index at end of book*
Waterbury Brass Goods Corp., Waterbury, Conn.
Wheeling Stamping Co. ("Premier," Combination, "Regal," "White Light Mantle," "Champion," "Paull" & "Safety"), Wheeling, W. Va.

1687— Burners (Natural Gas)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Hebert, St. Lopis, Mo.
American Lava Corp. ("Alco," "E. H.", "New Market," "Stove Junbo," "Bray"), Chattanooga, Tenn.
American Stove Co. ("Quick Meal," "Reliable," "Jewell"), 827 Chouteau av, St. Louis, Mo.
ANTHONY CO., 138 West av, Long Island City, N. Y.
Brand Chas. F. (Also for Heating Boilers), 16th & Jacob, Wheeling, Va.
Brown Frank P., 45 N 6th, Phila., Pa.
Calkins & Pearce ("Rex"), 751 E Long, Columbus, O.
Creaghead Engineering Co., 340 Main, Cincinnati, O
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Enterprise Foundry Co., (Ltd.) N S, Nixon & Manhattan, Pittsburgh, Pa.
Gwynn Gas Burner & Engng. Co., Empire bldg, Pittsburgh, Pa
Hausfeld Co., Harrison, O
Henry Bros., Massillon, O.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y
Jamison T. H. ("Tremaine"), Claysville, Pa.
Johnson Gas Appliance Co., Cedar Rapids, Ia.
Kern Burner Co., 217 W 125th, New York
Love Mfg. Co., Corry, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Metals Production Equipment Co., Springfield, Mass.

BURNERS NATURAL GAS—continued

Minneapolis Gas Fixture Co., 814 Hennepin av, Minneapolis, Minn.
Odin Stove Mfg. Co. ("Tri-Odin," "Penn"), Erie, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Reilly M. J. ("O'Reilly"), 364 Maryland, Buffalo, N. Y.
Rockwell W. S. Co., 50 Church, New York.
See adv index at end of book
Stamford Gas Stove Co., Stamford, Conn.
Standard Heating & Radiator Co. ("Standard" for Hot Air, Steam & Hot Water Heating Boilers), Penn & Barbeau, Pittsburgh, Pa.
Steward D. M. Mfg. Co. ("E. H." & "Jumbo"), Chattanooga, Tenn.
Surface Combustion Co., 368 Gerard av, New York
Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
Van Houten E. J. S., 96 Park pl, New York
Wagner Mfg. Co., Sidney, Ohio
Waterbury Mfg. Co., Waterbury, Conn.
Weldcraft Equipment Co., 2501 Penn av. Pittsburgh, Pa.
Wheeling Stove & Range Co., Wheeling, W. Va.
Williamson R. & Co., 601 Washington bl, Chicago, Ill.
Wilson Rowland S., 14 Wood, Pittsburgh, Pa.
Yonts C. H. & Co. ("Victor"), Meadville, Pa.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

1688— Burners (Oil)

Advance Machine Co., 4645 Ravenswood av, Chicago, Ill.
ANTHONY CO. (Fuel Oil), 138 West av, Long Island City, N. Y.
Bethlehem Shipbuilding Corp., Ltd. ("Dahl"), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bunting Iron Wks., First Nat. Bk. bldg., San Francisco, Cal.
Clark Cadie Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
DEMPSEY FURNACE CO., 15 Park row, New York *See adv index at end of book*
Gretter, H. A. ("Gem"), Frankfort, Ky.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Hausfeld Co., Harrison, O.
Hammel Oil Burning Equipment Co., 409 Pine, Providence, R. I.
LUNKENHEIMER CO., Executive Offices & Factory, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O
See adv index at end of book

Portable or Fixed, in many sizes and designs, suitable for work of every kind where heat is applied.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Mahr Mfg. Co. (For Use With Compressed Air, Low Pressure Air or Steam), 1300 N. E. Quincy, Minneapolis, Minn.
National Airoil Burner Co., 9th & Thompson, Phila., Pa.
North American Mfg. Co., 5902 Carnegie av, Cleveland, Ohio
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis Mo.
Pyroil Products Co. ("Pyroil"), 4959 Odell av, St. Louis, Mo.
Schutte & Koerting Co. (Air Jet, Steam Jet, Mechanical), 1251 N 12th, Phila., Pa. *See adv index at end of book*
Steam Supply & Rubber Co., 79 Washington, Seattle, Wash.
Surface Combustion Co. (For Furnaces), 368 Gerard av, New York
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.
White Fuel Oil Engineering Corp., 742 E 12th, New York
Wilgus Mfg. Co. (For Steam Boilers), 229 Boyd, Los Angeles, Cal.

1689—*Burners (Powdered Coal)

American Industrial & Engineering Co., 53 W. Jackson blvd., Chicago, Ill.
American Industrial Engineering Co., H Monodnock bldg., Chicago, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

1690—Burners (Pyrites & Sulphur)

Bethlehem Foundry & Machine Co. (for Chemical Mfrs., etc), South Bethlehem, Pa.
Carthage Machine Co. ("Wise"), Carthage, N. Y.
Charleston Dry Dock & Machine Co., Charleston, S. C.
Glens Falls Machine Works ("Trombley-Paul" Rotary), Glens Falls, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Pratt Engineering & Machine Co., Atlanta, Ga.
Stebbins Engineering & Mfg. Co. ("Stebbins" Oxidizing), Watertown, N. Y.
Valley Iron Works Co. ("Vesuvius"), Appleton, Wis.

1691— Burners (Refuse)

Anthony Co., 138 West av, Long Island City, N. Y.
Capital Wire Co., Madison, Wis.
Clark W. J. Co. ("Safety"), Salem, O.
Cyclone Fence Co., Waukegan, Ill.
Destruction Co., 111 B'way, New York
Jackson & Church Co., Saginaw, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, O.
Marinette Boiler Works, Marinette, Wis.
Muskegon Boiler Works, Muskegon, Mich.
Pennsylvania Wire Works ("Pen Dar"), 412 N. 18th, Phila., Pa.
Quinn & Co. ("Quinn," Flat Top Dutch Oven Furnace), 232 E 9th, Cincinnati, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Seattle Boiler Works, Ballard, Seattle, Wash.
Shannon Mfg. Co., 224 W 26th, New York
Tomahawk Steel & Iron Works, Tomahawk, Wis.
Wickwire Spencer Steel Corp. (Perforated Metals), Worcester, Mass.
See adv index at end of book

1692— Burners (Rubbish)

Anthony Co., 138 West av, Long Island City, N. Y.
Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Cyclone Fence Co. (Wire & Steel), Waukegon, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Majestic Co., Huntington, Ind.
Page Steel & Wire Co., Adrian, Mich.
Smith John P. & Co., New Haven, Conn.
Wagner Mfg. Co., Sidney, Ohio

1693—Burners (Special) Laboratory)

Anthony Co., 138 West av, Long Island City, N. Y.
Detroit Heating & Lighting Co., Detroit, Mich.
Surface Combustion Co., 366 Gerard av, New York
Tirrill Gas Machine Lighting Co., 103 Park av, New York

1694— Burners (Tar)

ANTHONY CO., 138 West av, Long Island City, N. Y.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Parson Mfg. Co. ("Parson"), 35 Nassau, New York
Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.

1695— Burners (Urn)

Clayton & Lambert Mfg. Co. (Gasoline), 1370-80 Beaubien, Detroit, Mich.

1696— Burners (Weed)

Commonwealth Steel Co. ("M. K. & T." for Removing Weeds from Tracks), Pierce bldg, St. Louis, Mo.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

1697— Burning Brands

Allen, Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 85 John, New York
Barnard Stamp Co., 311 Olive, St. Louis, Mo.
BEACH-RUSS CO. (Self Heated, Air Blast, Gas), 50G Church, New York
See adv index at end of book
Black A. S., 206 Longworth, Cincinnati, O.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Dickey-Grabler Works, W Madison & 103d, Cleveland, O.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Haynes & Co., 75 Westminster, Providence, R. I.
Illig & Hartmann, 211 Pine, St. Louis, Mo.
Keene Fred H., 152H Chambers, New York
Knight H. W. & Son, Seneca Falls, N. Y.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Mulinari P., 118 Light, Baltimore, Md.
Murdock Jas. W. J. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M., Jr., 61 Fulton, New York
New York Stencil Works, 100 Nassau, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Northwestern Stamp Works (Also Shingle Brands), 110 E 3rd, St. Paul, Minn.
Ohio Steel Stamp Co., 105 Prospect av, N. W., Cleveland, O.
See adv index at end of book
Parker T. M., Hartford, Conn.
R. & S. Engraving & Die Wks., 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book

R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO
SUPER-DREAD-NOT QUALITY
BURNING BRANDS
Brass, Copper or Cast Iron. Plain Letter or Design
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Sackmann F. A. ("F-A-S"), 810 Prospect S E, Cleveland, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Stewart R. A. & Co. (Brass), 201 B'way, New York
Stortz John & Son, 210 Vine, Phila., Pa.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

1698—Burnishers (Cabinet Makers)

Buck Bros., Millbury, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.

1699— Burnishers (Heel)

For Cobblers' Use

Richard Stephen Co. ("S. R."), Southbridge, Mass.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

1700—Burnishing (Steel Ball Process)

ABBOTT BALL CO. ("Abbott"), Elmwood station, Hartford, Conn.
See adv index at end of book
Mechanical Plating Co., 616 W Monroe, Chicago, Ill.

1701—Burrs (Brass & Copper)

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
North American Copper Co., 52 Vanderbilt av, New York
Reed & Prince Mfg. Co., Worcester, Mass.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Waterbury Brass Goods Corp., Waterbury, Conn.

1702—Burrs (For Sharpening Pulp Stones)

Ticonderoga Machine Works ("Timachine"), Ticonderoga, N. Y.

1703— Burrs (Riveting)

See also Rivets, Various Kinds

Bettcher Stamping & Mfg. Co., The, 6120 Clark av, Cleveland, O.
Cleveland Wrought Prods Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Falls Rivet Co., Kent, O.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Jenkinson, R. C. & Co. (Steel), 293 Washington, Newark, N. J.
Kirk-Latty Mfg. Co., 1971 W. 85th, Cleveland, O.
Matthews H. A. Mfg. Co. (Steel), Seymour, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Sessions J. H. & Son (Steel), Bristol, Conn.
Sharon Steel Hook Co. (Steel), Sharon, Pa.
STANLEY WORKS (Steel), New Britain, Conn. *See adv index at end of book*
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wrought Washer Mfg. Co., Milwaukee, Wis.

1704— *Burrs (Soft Steel)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1705—Bushings (Automobile)

Alent Machine Tool Co., Inc., 479 St. Paul, Rochester, N. Y.
See adv index at end of book
Cal. Brass Works, 444-448H Natoma, San Francisco, Cal.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
JOHNSON BRONZE CO., New Castle, Pa.

1706— Bushings (Brass)

Acheson Mfg. Co., Rankin, Pa.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Aluminum Castings Co., 2210 Harvard, Cleveland, O.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Atlas Brass Foundry Co., 980 Park, Columbus, O.
Buckeye Iron & Brass Works, Dayton, O.
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Crane Co., Bridgeport, Conn.
Darling Valve & Mfg. Co. (Ltd.) (Brass), Williamsport, Pa.
Detroit Sanitary Supply Co., 1191 2d, Detroit, Mich.
Dixie Brass & Foundry Co., Birmingham, Ala.
Eagle Brass Foundry Co., Seattle, Wash.
Edna Brass Mfg. Co. (Brass), Cincinnati, Ohio
Ellison Brass Mfg. Co., Jamestown, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Exeter Brass Works, Exeter, N. H.
General Fire Extinguisher Co., Providence, R. I.
Gilbert A. & Sons Brass Fdry. Co., 4019H Forest Park blvd, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamlin & Emery Brass Co. (Brass, Flush & Hexagon), 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Humason Mfg. Co., (Turned), Forestville Station, Bristol, Conn.
JOHNSON BRONZE CO., New Castle, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Brass Soldering), Kokomo, Ind.
LUNKENHEIMER CO., Executive Office & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 315 N. 20th, Phila., Pa.
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
McNab & Harlin Mfg. Co. (Brass & Iron Pipe, etc), 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Medina Stamping & Machine Co., Medina, N. Y.
Metaline Co. ("Metaline"), West av, Long Island City, N. Y.
Monarch Brass Co., Cleveland, O.
More-Jones Brass & Metal Co. (Brass & Bronze), B'way & Dock, St. Louis, Mo.
National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, O.
Newark Brass Works, 22 Lawrence, Newark, N. J.
Newbury J. H., Goshen, N. Y.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richter Brass Co., 210 E 9th, Cincinnati, O.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Ryder Brass Fdry. Co., Bucyrus, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Shoop Bronze Co., Tarentum, Pa.
See adv index at end of book
Spafford Machine Screw Wks., Hartford, Conn.
Steel City Electric Co. ("Fullman" for Rigid Conduit), Hale bldg, Phila., Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Try-Me Mfg. Co., Westfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
United Wire & Supply Co., Elmwood Station, Providence, R. I.
Waltham Screw Co. (Brass, etc), Waltham, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Wolverine Tube Co., 1411H Central, Detroit, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

1707— Bushings (Bronze)

American Crucible Furnace Co., Dept. H, Elyria, O.
Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Aluminum Castings Co. ("Lynux"), 2210 Harvard, Cleveland, O.
American Bronze Corp. ("Non-Gran"), Berwyn, Pa.
Atlas Brass Foundry Co., Columbus, O.
See adv index at end of book
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Brown A. & F. Co., 79 Barclay, New York
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Central Brass & Fixture Co., Springfield, O.
Channon James H. Mfg. Co. (Self Lubricating), 227H W. Erie, Chicago, Ill.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Eagle Brass Foundry Co., Seattle, Wash.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Federal Bearing & Bushing Corp., 1448 Trombly, Detroit, Mich.
Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.
Gilbert A. & Sons, Brass Fdry. Co., 4019H Forest Park blvd, St. Louis, Mo.
Ideal Bronze Co., 1265 E. 55th, Cleveland, O.
JOHNSON BRONZE CO., New Castle, Pa.
Kidder R. E. Co., Worcester, Mass.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Merriman Bros. (Self-Lubricating), 185 Amory, Jamaica Plains, Boston, Mass.
National Aluminum Co., Racine, Wis.
National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Price Bros. (To Specifications), Frederick, Md.
Ryder Brass Fdry. Co., Bucyrus, O.
Shoop Bronze Co., Tarentum, Pa.
See adv index at end of book
Spafford Machine Screw Wks., Hartford, Conn.
Sterling Specialty Co., Newcomerstown, O.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Williams E. A. & Sons, 109 Plymouth, Jersey City, N. J.
Wolverine Tube Co., 1411H Central av, Detroit, Mich.

1707a— Bushings (Bung Hole)

American Tap Bush Co., 102 Iron, Detroit, Mich.
Heartley Machine, Variety Iron & Tool Works ("Gardner" Double Flange, Oval & Round), 900 Summit, Toledo, O.
National Bush Co., 2 Rector, New York
U. S. Bung Mfg. Co., 50 S 2nd, Brooklyn, N. Y.

Bushings (Conduit)

See Bushings, Outlet & Locknut

1708-9—Bushings (Damper)

Parker Supply Co. (Ball Bearings), 785 E 135th, New York

1710— Bushings (Expansion)

Brown & Sharpe Mfg. Co., Providence, R. I.

1711— Bushings (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
Bacon & Matheson Forge Co. (Bronze), 17H W. Lander, Seattle, Wash.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood, Oil-less), Bound Brook, N. J.
Randall Graphite Products Corp. ("Randall"), 711H Fulton, Chicago, Ill.

1712— Bushings (Hard Fibre)

See also Fibre, Hard

Brandywine Fibre Products Co., E. Wilmington, Del.
See adv index at end of book
Continental Fibre Co. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO (Hard Fibre), Wilmington, Del. Works: Marshallton, Del *See adv index at end of book*
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book
Russell Specialty Mfg. Co., Lake & Sacramento, Chicago, Ill.
See adv index at end of book
SPAULDING J. & SONS CO., INC., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del.

1713—*Bushings (Insulation)

General Electric Co., Schenectady, N. Y.
See adv index at end of book
Waterbury Button Corp., 831 S. Main, Waterbury, Conn.
See adv index at end of book

1714— Bushings (Oil Switch)

Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.

1715—Bushings (Outlet & Locknut)

Adapti Mfg. Co. (Conduit Outlet), 919 West, Cleveland, O.
Appleton Electric Co., Willington & Paulina, Chicago, Ill.
Belcher & Loomis Hdw. Co. ("Boss" Outlet), 89 Weybosset, Providence, R. I.
Bonnell W. A., 192 Chambers, New York
Buchanan J. F. & Co., 1719 Chestnut, Phila., Pa.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Electrical Specialty Mfg. Co. ("Boss"), 49 Beaufort, Providence, R. I.
Federal Sign System (Electric Waterproof Outlet), 8700H S. State, Chicago, Ill.
Gillette-Vibber Co., New London, Conn.
Grabler Mfg. Co., Cleveland, O.
Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leveridge Chas. W. ("L. & L."), 133 Liberty, New York
Multi Electrical Mfg. Co. ("Multi" Locknut), 703 Fulton, Chicago, Ill.
National Metal Molding Co. ("National" Conduit Metal), 1110 Fulton bldg, Pittsburgh, Pa.
New Process Specialty Co. ("Jiffy" outlet only), 230 Hanover, Milwaukee, Wis.
Pass & Seymour, Solvay, N. Y.
Peru Elec. Co., Peru, Ind.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pratt Chuck Co. (Lock Nut Only), Frankfort, N. Y.
Rattan Mfg. Co., New Haven, Conn.
Sprague Elec. Works, 527 W 34th, New York
Standard Electric Fitting Co., Stamford, Conn.
Steel City Elec. Co. ("Star," "Ovalduct"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York
Troy Electrical Co. ("Teco"), Troy, N. Y.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Walker Bros. & Haviland ("Bushettes" Conduit), Otis bldg., Phila., Pa.

1716—Bushings (Phosphor Bronze)

Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Boston & Lockport Block Co., 100 Condor, E Boston, Mass.
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Hill-Smith Metal Goods Co. ("H.-S."), 82 Brookline av, Boston, Mass.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
JOHNSON BRONZE CO., New Castle, Pa.
National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, O.
PHOSPHOR BRONZE SMELTING CO. ("Elephant" Brand, Unfinished), 2200 Washington av, Phila., Pa.
Ryder Brass Fdry. Co., Bucyrus, O.
Seymour Mfg. Co., Seymour, Conn.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.

1717— Bushings (Pipe)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
Detroit Brass & Malleable Works (Cast & Malleable Iron), 1177H Holden, Detroit, Mich.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Larkin, J. K. & Co., 253 Broadway, New York *See adv index at end of book*
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.
New Haven Screw Co. (Flush Reducing), 191-193 Foster, New Haven, Conn.
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

Bushings (Porcelain)

See Porcelain Specialties, Electrical, etc.

1718—Bushings (Pulley, Etc.)

Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Bound Brook Oil-less Bearing Co. ("Nigrum" Impregnated Wood, Oil-less), Bound Brook, N. J.
Brown Engineering Co. ("Brown," Ring Oiling, Loose Pulley), 110 N 3rd, Reading, Pa.
Bunting Brass & Bronze Co. (Bronze), 738 Spencer, Toledo, O.
See adv index at end of book
Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
Channon Jas. H. Mfg. Co. (Self Lubricating Graphite Bronze), 227 W Erie, Chicago, Ill.
Johnson Bronze Co., New Castle, Pa.
Link-Belt Co., 329 W. 39th, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila, Pa. *See adv index at end of book*
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Saginaw Mfg. Co., Saginaw, Mich.
South Bend Dowel Works, South Bend, Ind.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Cast Iron Goods, Pulley, etc), Chambersburg, Pa.

1719— Bushings (Radiator)

Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Kelly & Jones Co., Greensburg, Pa.
Neuman-Warnock Co., Beaver Dam, Wis.
Ravena Iron Co., Ravena, N. Y.

Bushings (Rawhide)

See Gears & Pinions, Rawhide

1720— Bushings (Reaming)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

1721—Bushings (Roller Bearing)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Hyatt Roller Bearing Co., Harrison, N. J.
Merriman Bros. (Self-Lubricating), 185 Amory, Boston, Mass.
Torrey Roller Bushing Works, Bath, Me.

Bushings (Rubber)

See Rubber Goods Manufacturers, Mechanical

1722— Bushings (Socket)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Hubbell Harvey, Bridgeport, Conn.
International Insulating Corp., 25 W. 45th, New York
Johns Manville, Inc., Madison av & 41st, New York
Scranton Button Co. (Socket & Plain), Scranton, Pa.
Siemon Hard Rubber Corporation, Bridgeport, Conn.
Waterbury Button Corp., 831 S. Main, Waterbury, Conn.
See adv index at end of book

1722a— *Bushings (Tractor)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.

1723—Bushings (Trolley Wheel)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Bound Brook Oil-less Bearing Co. ("Nigrum" Impregnated Wood Oil-less), Bound Brook, N. J.
Elec. Railway Equip. Co., Cincinnati, O.
Eureka Co., North East, Pa.
Hodgkins J. F. Co., Gardiner, Me.
Ives H. B. Co. ("New Haven"), New Haven, Conn.
JOHNSON BRONZE CO., New Castle, Pa.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Torrey Roller Bushing Works, Bath, Me.

1724— Bushings (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Boundbrook Oil-Less Bearing Co., N Main, Boundbrook, N. J.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
South Bend Dowel Wks., South Bend, Ind.
STEVENSON MFG. CO., South Bend, Ind.
See adv index at end of book

WOOD BUSHINGS

Made of Kiln-Dried Hard Maple

Send Specification or Drawings for Prices

Bushings Guaranteed Uniform

STEVENSON MFG. CO.

SOUTH BEND, IND.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Butter Workers

See Dairy Apparatus & Supplies

1725—Butterises (Blacksmiths')

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Goodell-Pratt Co., Greenfield, Mass.
Griffith Tool Works, 521 Market, Phila., Pa.

1726— Button Back Mfrs.

WATERBURY BUTTON CORPORATION, 831 So Main, Waterbury, Conn.
See adv index at end of book
White L. C. Co., Waterbury, Conn.

1727—Button Dies, Parts & Supplies

Cruver Mfg. Co. (Parts & Fendings), 2456H W. Jackson blvd, Chicago, Ill.
Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
WATERBURY BUTTON CORPORATION, (Molds, Backs & Shells), 831 So Main, Waterbury, Conn.
See adv index at end of book

1728— Button Mfrs.

Akron Mfg. Co., Akron, N. Y.
American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Art in Buttons, Inc., Rochester, N. Y.
Bogert & Hopper, Inc. (Wooden Collar), 57 Barclay, New York
See adv index at end of book
Brophy Chas. A. (Uniform), Aurora, Ill.
Century Button Works, 25 W 38th, New York
Columbia Button Works, 229 W 28th, New York
Conly J. A. Button Co., 116 N State, Chicago, Ill.
Crowe-Keane Button Co., Botsford, Conn.
Custen Bros., 111 5th av, New York
Delaware Hard Fibre Co. (Fibre), Wilmington, Del.
See adv index at end of book
Fashion Button Works, 344 W 38th, New York
French Button Works, 108 N Franklin, Phila., Pa.
Froud H. P. & Son, Inc., 271 Douglas, Brooklyn, N. Y.
Geraghty & Co., 3035 W Lake, Chicago, Ill.
Globe Trimming & Button Co., 149 W 23d, New York
Goldberg-Davidson & Co., 1161 B'way, New York
Illinois Modern Button & Machine Co. 2407 W Ohio, Chicago, Ill.
Janeway Button Co., New Brunswick, N. J.
Jersey Button Works, 134 W 26th, New York
Leader Button Co., 48 W 27th, New York
Lindenhurst Mfg. Co., Lindenhurst, N. Y.
Luber Button Works, 1265 B'way, New York
McKee & Bliven Button Co., Muscatine, Ia.
See adv index at end of book
Metropolitan Button Co., 55 W. 25th, New York
New York High Grade Button Wks, 166 Geary, San Francisco, Cal.
Novelty Button Works, 312 7th av, New York
Penn Button Works, 12th & Hamilton, Phila., Pa.
Phelps & Sons Mfg. Co., 10 Pennington, Newark, N. J.
Rochester Button Co. (Ivory), 300H State, Rochester, N. Y.
Rothschild Bros. & Co., 1115 B'way, New York
Rothschild-Kuno Button Works, 107 W 25th, New York
Saugatuck Mfg. Co., Saugatuck, Conn.
SCOVILL MFG. CO. (Dress, Jumper, Overall, Patented, Seco On, Made of Metal Only), Waterbury, Conn.
See adv index at end of book
Shantz M. B., 237 S Wells, Chicago, Ill.
Smith E. F. & Son, Union City, Conn.
Standard Button Works, 417 6th av, New York
Sun Enamel Works (Wood, Enameled, etc), Leominster, Mass.
Tri-City Button Co., Davenport, Ia.
United Button Co., 4th av & 17th, New York
Wade Button Co., 55 Sudbury, Boston, Mass.
Waldes & Co., Inc., 315 5th av, New York
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Waterbury Steel Ball Co. (Glove & Cloth Covered), 300 Aurora, Waterbury, Conn.
See adv index at end of book
Wendtland Wm., 51 Mercer, New York
Western Button Factory (Bone, all Sizes), Dept. H, 15th & Utah, San Francisco, Cal.
cisco, Cal.
York Button Works, B. & Allegheny, Phila., Pa.

1729—Buttoners (Glove & Shoe)

Celluloid Co. (Celluloid Hooks), 36 Washington pl, New York
Fiberloid Corp., Dept. H, Indian Orchard, Mass.
Havell Mfg. Co. (Glove), 284 Washington, Newark, N. J.
Novelty Cutlery Co., Canton, O.
Potter & Snell, Deep River, Conn.
Ross Jos. & Co. (Glove Hooks), Irvington, N. J.
Stimpson, Edwin B. Co. (Steel, Brass & Copper, Shoe), 68 Franklin av, Brooklyn, N. Y.
United Awl & Needle Co., West Medway, Mass.
Vaughan Novelty Mfg. Co. ("Jim Dandy" Combination), 711 Fulton, Chicago, Ill.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1730— Buttons (Bone)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Hafleigh & Co., Cambria & N American, Phila., Pa.
Rogers Mfg. Co., Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Wahl Emil Mfg. Co., Pulaski av & Ruffner, Phila, Pa.
Western Button Factory (All Sizes), 15th & Utah, San Francisco, Cal.

1731— Buttons (Celluloid)

Harris Benj. Co. (Campaign), 229 Bowery, New York
Hill Button Works, 230 W 17th, New York
Leominster Sheet Goods Mfg. Co. (Hair Tip), Leominster, Mass.
Reading Ribbon Badge Co., Reading, Pa.
St. Louis Button Co. (Advertising), 418 Lucas av, St. Louis, Mo.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
WATERBURY STEEL BALL CO. (Glove), 300 Aurora, Waterbury, Conn.
See adv index at end of book
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

Buttons (Clinch)

See Buttons, Tufting

1732—Buttons (Cloth Covered)

American Button Works, 48 W. 21st, New York
Blaine Bros. & Krasnov, 25 W 20th, New York
Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
City Button Works, 376 2d av, New York
Cloak & Suit Button Co., 60 W 27th, New York
Custen Bros., 111 5th av, New York.
Drucker Bros., 113 W 31st, New York
Eagle Button Works, 55 Chrystie, New York
Franklin Button Works, 1023 Vine, Phila., Pa.
Imperial Button Co., 27 N 7th, Phila., Pa.
Lane Mfg. Co., Waterbury, Conn.
Milwaukee Button Co., 710 Merrill blvd, Milwaukee, Wis.
N. Y. Button Works, 143 W 19th, New York
Philadelphia Button Co., 21 N 7th, Phila., Pa.
Rogers Button Co. (Est. of), Springfield, Mass.
Royal Button Works, 13 W 17th, New York
Royal Button Works, 505 Market, Phila., Pa.
S. & S. Button Works, 408 6th av, New York
Sabel J. Button Co., 6620 S State, Chicago, Ill.
St. Louis Plume & Plaiting Co., 620 N B'way, St. Louis, Mo.
Star Button Works, 53 W 28th, New York
Victoria Button Works, 23 W 30th, New York
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
WATERBURY STEEL BALL CO. (Silk Lustral), 300 Aurora, Waterbury, Conn.
See adv index at end of book
Western Covered Button Co., 133 Wooster, New York

1732a— Buttons (Collar)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Celluloid Co., 36 Washington pl, New York
Krementz & Co. (Gold), 49 Chestnut, Newark, N. J.
Smith & Crosby (Gold Front), Attleboro, Mass.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn.
See adv index at end of book
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1733— Buttons (Composition)

Auburn Button Works, Auburn, N. Y.
General Phonograph Corp., 25 W 45th, New York
Turkeltaub M. & Son, 33 E 12th, New York
WATERBURY BUTTON CORPORATION, 831 So Main, Waterbury, Conn.
See adv index at end of book

1734— Buttons (Crochet)

Blumenkrohn L. & Co., 13 W 27th, New York
Schloss Jos. W. Co., 160 5th av, New York

1735— Buttons (Door)

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co. (Japanned), Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (Wrought Steel), Sharon, Pa.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Watrous-Acme Mfg. Co., Des Moines, Ia.

1736— Buttons (Horn)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Damon Co., Leominster, Mass.
Earl W. D. Co., Leominster, Mass.
Eureka Button Co., 684 B'way, New York
Griffin Button Co., Shelton, Conn.
Leominster Shell Goods Mfg. Co., Leominster, Mass.

1737— Buttons (Ivory)

Art in Buttons, Inc., Rochester, N. Y.
Blumenthal B. & Co., 15 E 26th New York
Empire Ivory Button Works, 826 B'way, New York
Federal Button Co., 365 Market, Newark, N. J.
Grote F. & Hubbell Co., 82 4th av, New York
Newark Vegetable Ivory Button Co., 228 High, Newark, N. J.
Philadelphia Button Co. (Imitation Ivory), 21 N 7th, Phila., Pa.
Pratt, Read & Co., Deep River, Conn.
Rochester Button Co., Rochester, N. Y.
Shantz M. B., Rochester, N. Y.
Sher Louis, 229 W 28th, New York
Superior Ivory Button Co., 49 Dickerson, Newark, N. J.
Turkeltaub M & Son, 38 E 12th, New York
Warsaw Button Co., Warsaw, N. Y.
WATERBURY BUTTON CORPORATION, 831 So Main, Waterbury, Conn.
See adv index at end of book
Welcht Adolph & Sons, 730 R. Sun, Phila., Pa.
Zneimer Nicolas Button Works, 102 S 11th, Newark, N. J.

1737a— *Buttons (Laundry)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1738— Buttons (Metal)

Asch Edgar S. Co. 30 W 36th, New York
Ball & Socket Mfg. Co., West Cheshire, Conn.
Blumenthal B. & Co., 15 E 26th, New York
Eagle Button Works (Covered), 55 Christie, New York
Hatheway Mfg. Co. (For Garters), Bridgeport, Conn.
Havell Mfg. Co. (Steel), 284 Washington, Newark, N. J.
Hill Button Works, 230 W 17th, New York
Imperial Button Co., 27 N 7th, Phila., Pa.
Liebmann R. Mfg. Co., 73 Bruen, Newark, N. J.
Moore Bros., 39 S La Salle, Chicago, Ill.
See adv index at end of book
Orange Mfg. Co., 190 Emmett, Newark, N. J.
Patent Button Co., Waterbury, Conn.
Radcliffe C. & Sons Co., 276 N. J. R. R. av, Newark, N. J.
Richmond Bros. Co., 177 Chestnut, Newark, N. J.
SCOVILL MFG. CO. (All kinds), Waterbury, Conn. *See adv index at end of book*
Steele & Johnson Mfg. Co. (Plain & Fancy), Waterbury, Conn.
Steel & Taylor Co., 141 W. 36th, New York
Tonks Bros., 227 High, Newark, N. J.
Universal Button Fastening & Button Co., 680 W Fort, Detroit, Mich.
WATERBURY BUTTON CORPORATION, (Fancy), 831 So Main, Waterbury, Conn. *See adv index at end of book*
WATERBURY STEEL BALL CO., 300 Aurora, Waterbury, Conn.
See adv index at end of book
Whitehead & Hoag Co., 372 Sussex av, Newark, N. J.

1739-40—Buttons (Pearl)

Alma Mfg. Co., 611-61 S. Monroe, Baltimore, Md.
American Pearl Button Co., Washington, Iowa
American Pearl Button Works, 143 W 19th, New York
Automatic Button Co., Muscatine, Ia.,
Baker Alfred, 79 Orange, Newark, N. J.
Blakeman Chas. Sons Co., 236 Bank, Newark, N. J.
Blumenthal B. & Co., 15 E 26th, New York
Cameron W. L. Co., 507 W 50th, New York
Capoli Button Works, Lansing, Ia.
Chalmers Harvey & Son (Fresh Water), Amsterdam, N. Y.
Cleveland Button Co., 211 High av, Cleveland, O.
Cutters Pearl Mfg. Co., 55 Commercial, Newark, N. J.
Davenport Pearl Button Co., Davenport, Iowa
Davis Thos. & Sons, 103 Oliver, Newark, N. J.
Delaney, Wm., 79 Orange, Newark, N. J.
Dolezal Jos., Long Island City, N. Y.
Dover Pearl Button Co. (Blanks), Dover, Ky.
Dvorak John & Sons, Little Ferry, N. J.
Dvorsky Co., 411 E 91st, New York
Edginton Walter, 210 Vine, Phila., Pa.
Edwards James, Newark, N. J.
Empire City Pearl Button Works, 10th, Long Island City, N. Y.
Erie Button Works, Erie, Pa.
Excelsior Pearl Works, 178 Grand, New York
Gemmi Bros. Co., 125 N 5th, Phila., Pa.
Going Mfg. Co., Amsterdam, N. Y.
Gotham Pearl Button Works, 45 E 17th, New York
Guenscht L., 182 Centre, New York
Hak Anton, West Willington, Conn.
Hamburg Button Co., 1140 B'way, New York
Hampshire Pearl Button Co., Amsterdam, N. Y.
Hawkeye Pearl Button Co., Muscatine, Ia.
Haydenville Button Co., Haydenville, Mass.
Hirsch Leo. H & Co., 300 E 22d, New York
Hirshfeld Herman, New Milford, N. J.
Hodson John M., Boone & Markle, Phila., Pa.
Howell Chas. M., Waltham, Mass.
Hrovda Jos. & Co., 430 E 59th, New York
Huebner E. & Sons, 123 Van Buren, Newark, N. J.
Imperial Pearl Button Co., 131 W 23d, New York
International Button Co., Rochester, N. Y.
Kral Wm. & Co., Franklin, Long Island City, N. Y.
Kubik Karl, 88 Warren, Newark, N. J.
Kupka & Follimel, W New York, N. J.
La Grange Pearl Button Co., La Grange, Mo.
McKee & Bliven Button Co., Muscatine, Ia.
Manhattan Pearl Button Mfg. Co., 195 Park pl, Long Island City, N. Y.
Masinda Wm., West Willington, Conn.
Mississippi Pearl Button Co., Burlington, Iowa
Mousley Arthur J., 673 S 16th, Newark, N. J.
National Pearl Works, 502 Mulberry, Newark, N. J.
National Pearl Works, 30 E 23d, New York
New England Button Co., 79 Summit, Newark, N. J.
New Jersey Button Works, Duryea, Newark, N. J.
Nord-Buffum Pearl Button Co., Louisiana, Mo.
Parizek Frank, West Willington, Conn.
Patent Pearl Works, 24 E 23rd, New York
Pence M. E., Dallas City, Ill.
Pioneer Pearl Button Co., 874 B'way, New York
Pioneer Pearl Button Co., Poughkeepsie, N. Y.
Popp James, 334 S. Clinton, Chicago, Ill.
Power & Kelsay, 377 B'way, New York
Progress Button Co., Marvine & Montgomery, Phila., Pa.
Reheis Bros., Newark, N. J.
Richards Walter W., Muscatine, Ia.
Robinson J. T. & Son, 45 E 17th, New York
Schmalz C. F. (Blanks), Muscatine, Ia.
Schner Block Co., Muscatine, Ia.
Schoor Samuel, West New York, N. J.
Standard Pearl Button Wks., 9814 Denison, Cleveland, O.
Standard Pearl Wks., Newark, N. J.
Superior Button Mfg. Co. (Fresh Water & Ocean), 41 N 11th, Phila., Pa.
Tonks Bros., 227 High, Newark, N. J.
Tri-City Button Co., Davenport, Ia.
Union Pearl Works (Cloak & Suit), 43 W 27th, New York
U. S. Button Co., Muscatine, Ia.
Vienna Pearl Button Mfg. Co., 20 W 27th, New York
Weber & Sons Button Co., Muscatine, Ia.
Wisconsin Pearl Button Co., LaCrosse, Wis.
Wranck Frank, 15th av, Long Island City, N. Y.
Zneimer Nicolas Button Works, 107 S 11th, Newark, N. J.

1741— Buttons (Shoe)

Appelbee & Neuman, Inc., 23 Greene, New York
Art in Buttons, Inc., Rochester, N. Y.
Davis Thos. & Sons, 103 Oliver, Newark, N. J.
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Elite Button Co., 220 W 19th, New York
Farnsworth, Hoyt & Co., 58 Lincoln, Boston, Mass.
Hardman Button Co., Beverly, Mass.
Haydenville Button Co. (Pearl), Haydenville, Mass.
Heaton Mfg. Co., 77 Cromwell, Providence, R. I.
Morley Button Mfg. Co., Portsmouth, N. H.
Morley Mfg. Co., 120 Boylston, Boston, Mass.
Rhodes M. M. & Sons Co., Taunton, Mass.
WATERBURY BUTTON CORPORATION, (Ivory & Metal), 831 So Main, Waterbury, Conn. *See adv index at end of book*

1742— Buttons (Stair)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gould's M. Son & Co., 115 Lafayette, Newark, N. J.
Judd H. L. Co., 87 Chambers, New York
Kroder John & Hy., Reubel Co., Meeker av, Brooklyn, N. Y.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

1743—*Buttons (Tool Makers')

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

1744— Buttons (Tufting)

Atlas Tack Co., Fair Haven, Mass
Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
Higgin Mfg. Co. (Clinch, etc), Newport, Ky.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
Morley Button Mfg. Co. (Clinch, etc), Portsmouth, N. H.
Neider, F. A. Co. ("Neider" Patent Clinching), Dept. H, Augusta, Ky.
St. Louis Plume & Plaiting Co. (Automobile), 620 N. B'way, St. Louis, Mo.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tockwotton Co., Providence, R. I.
Tufting Machine & Supply Co., 268 E. Jefferson, Detroit, Mich.
United Button Co., 4th av & 17th, New York
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1745— Buttons (Uniform)

American Button Co., 70 Morris av, Newark, N. J.
American Railway Supply Co., 134 Charles, New York
City Button Works, 376 2d av, New York
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Lane Mfg. Co., Waterbury, Conn.
N. Y. Button Works, 143 W 19th, New York
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
Platt Bros. & Co., Waterbury, Conn.
Rochester Button Co. (Ivory), 300H State, Rochester, N. Y.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Steele & Johnson Mfg. Co., Waterbury, Conn.
WATERBURY BUTTON CORPORATION, 831 So Main, Waterbury, Conn.
See adv index at end of book

1746— Buttons (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Elmwood Button Co. (Enameled), Bridgeport, Conn.
ESTES E. B. & SONS (Laundry, Wood, Push, Stair, etc.), 364 5th av, New York. *See adv index at end of book*
Frary Mfg. Co., Charlemont, Mass.
South Bend Dowel Works, South Bend, Ind.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Butts (Brass)

See Hinges, Butt

1746a—*Butts (Ball Bearing)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1746b— Butts (Bronze)

Hager C. & Sons Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Co., Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

1747— Butts (Cabinet)

National Lock Co., Rockford, Ill.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co., Sharon, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

1747a— *Butts (Car Door)

Stanley Works, New Britain, Conn.
See adv index at end of book

1747b— Butts (Casement)

Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

1747c-d— Butts (Door)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

BUTTS (DOOR)—continued
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
CORBIN P. & F., New Britain, Conn.
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
Lawson Mfg. Co., 230 W Superior, Chicago, Ill.
McKinney Mfg. Co., Locust, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

1747e—*Butts (Full Surface)

Stanley Works, New Britain, Conn.
See adv index at end of book

1747f— Butts (Furniture)

Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

1747g—*Butts (Half Surface)

Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747h—*Butts (Metal Door)

Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747i— *Butts (Parliament)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747j— Butts & Hinges

Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS ("Stanley"), New Britain, Conn. *See adv index at end of book*

1748— Buzzers (Car, Etc.)

Consolidated Car Heating Co. (High & Low Voltage), Albany, N. Y.

1748a—*Buzzers (Navy Standard)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

1749— By-Passes (Gas Burner)

Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.

1750—By-Products Plants (Designers and Erectors)

Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Koppers Co., The (Ammonia, Benzol & Tar Recovery), Union Arcade, Pittsburgh, Pa.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Ft. Wayne, Ind.

Cabinet Work for Buildings

See Interior Hardwood Work

Cabinet Work (Metallic)

See Bank & Office Fixtures, Metallic

1751—*Cabinets (Bath Room, Metal)

Dahlstrom Metallic Door Co. (With Mirrors & Glass Shelves), 413 Buffalo, Jamestown, N. Y.
Seabury Mfg. Co. (Medical Cabinets), Dept. H, Jamestown, N. Y.
Wise J. B., Inc., Watertown, N. Y.

1752— Cabinets (Catalogue)

See also Filing Cabinets & Devices

American Bolt & Screw Case Co. (Dust Proof Revolving), Dayton, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Hamilton Mfg. Co. (Wood & Metal), Two Rivers, Wis.
Medart Fred. Mfg. Co., De Kalb & Potomac St. Louis, Mo. *See adv index at end of book*
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book
National Ticket Case Co., 842 W 35th, Chicago, Ill.
Ohmer's M. Sons Co. (Dust Proof), Dayton, O.
Rowe Henry Mfg. Co., Newaygo, Mich.

1753— Cabinets (Clothing)

Grand Rapids Show Case Co. (Sectional), Grand Rapids, Mich.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Huttig Mill Work Co., Kansas City, Mo.
Wadsworth Clothing Cabinet Co., Painesville, O.
Welch Mfg. Co. (Sectional), Grand Rapids, Mich.
Wilmarth Show Case Co., Grand Rapids, Mich.

1754— Cabinets (Display)

Mossberg Frank Co. (With Sockets, Socket Handles & Accessories), Attleboro, Mass.
Specialty Display Case Co., Kendallville, Ind.

1755—*Cabinets (Drill, Steel)

Medart, Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book

1755a—Cabinets (Electrotype)

Carrom Co., Ludington, Mich.
Hamilton Mfg. Co., Two Rivers, Wis.
Rowe Henry Mfg. Co., Newaygo, Mich.

1756—*Cabinets (Filing, Blue Print & Special)

Art Metal Construction Co., Jamestown, N. Y.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Hart & Hutchinson Co. ("H. & H." Steel Blue Print Cabinets), Corbin av, New Britain, Conn.

1756a— *Cabinets (Hair Pin)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

1756b— *Cabinets (Herb)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

1756c— *Cabinets (Hose)

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Nuhring, Chas. & Bros. ("2 in 1"), Cincinnati, O.

1757— Cabinets (Ice Cream)

Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Chocolate Cooler Co. ("Grand Rapids"), Grand Rapids, Mich.
Crystal Refrigerator Co., Fremont, Neb.
Doering C. & Son, 1375 W Lake, Chicago, Ill.
Fremont Mfg. Co., Fremont, Neb.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Nelson C. Mfg. Co., 2300 Division, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
Stehling C. H. Co., 401 4th, Milwaukee, Wis.

1758— Cabinets (Kitchen)

Acme Kitchen Furniture Co., Chattanooga, Tenn.
American Sash & Door Co., Kansas City, Mo.
Bagby Furniture Co., Eastern av & Exeter, Baltimore, Md.
Brown M. Co., Wapakoneta, O.
Buchanan Cabinet Co., Buchanan, Mich.
Cardinal Cabinet Co., Wabash, Ind.
Carr, Ryder & Adams Co., Dubuque, Ia.
Central Wood Turning Co., 610 Main N E, Minneapolis, Minn.
Cleveland Metal Products Co. ("New Perfection" Enamel Metal), 7609 Platt av & C & P tracks, Cleveland, O.
Columbia School Supply Co. (Enameled Steel), Indianapolis, Ind.
Coppes Bros. & Zook ("Nappanee"), Nappanee, Ind.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Faultless Iron Works ("The First" White Enameled Metal), St. Charles, Ill.
Greencastle Cabinet Co., Greencastle, Ind.
Huttig Mill Wk. Co., Kansas City, Mo.
Hoosier Mfg. Co. ("Hoosier"), New Castle, Ind.
I. X. L. Furniture Co., Goshen, Ind.
Jeffersonville Mfg. Co., Jeffersonville, Ind.
Kalamazoo Stove Co. (All Steel), Kalamazoo, Mich.
Landau Cabinet Co., 1545 Tower Grove, St. Louis, Mo.
McClelland T. W. Co., Davenport, Ia.
McClernan & Co. (Steel), 122 S Michigan av, Chicago, Ill.
McClure Mfg. Co., Marion, Ind.
McDougall Co., Frankfort, Ind.
McNown Mfg. Co., Columbia City, Ind.
Minneapolis Furniture Co., 6th av & S. E 9th, Minneapolis, Minn.
National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.
Ohio State Stove Co. ("Ossco" All Steel), Columbus, O.
Plastone Co., Los Angeles, Cal.
Powell Steel Kitchen Co., 4223 Belle Plaine av, Chicago, Ill.
Sellers, G. I. & Son Co. ("Sellers"), Dept. H, Elwood, Ind.
Speigel Cabinet Co. (Kitchen), Dept. H, Shelbyville, Ind.
See adv index at end of book
Union Furniture & Novelty Co., Warren, Pa.
Vincennes Furniture Mfg. Co., Vincennes, Ind.
Vredenburgh W. W., 617 Sackett, Brooklyn, N. Y.
Wasmuth-Endicott Co., Andrews, Ind.

1759-60— Cabinets (Label)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
McCourt Label Cabinet Co., Bradford, Pa.

Cabinets (Letter Filing)

See Filing Cabinets & Devices

1761— Cabinets (Medicine)

Accident Cabinet Co. (Emergency Accident), Kalamazoo, Mich.
Armor Clad Mfg. Co., Canton, O.
Bennett Mfg. Co., Alden, N. Y.
Bernstein Mfg. Co., 3d & Allegheny, Philadelphia, Pa.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Burrowes E. T. Co., Portland, Me.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Cleveland Metalcraft Co. (Steel), E 71st & Belt Line, Cleveland, O.
Conant Bros. Co., Somerville, Mass.
Conrey-Davis Mfg. Co., Shelbyville, Ind.
Corry Metal Products Co. ("Steel-Age"), Corry, Pa.
Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Eustis J. P. Co. ("Brasscrafters"), Cambridge, Mass.
Galard Co. ("Omala" White), 335 6th av, Newark, N. J.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Graf Frank H. Mfg. Co., 332 7th av, New York
Heap, Wm. & Sons, Grand Haven, Mich.
Hess Warming & Ventilating Co. (Enameled Steel), 1211 S Western av, Chicago, Ill.
Holz & Co., Inc. (Eye Magnets), 18 Madison av, New York
See adv index at end of book
Hygeia Medicine Cabinet Co., 246 Middle, Bridgeport, Conn.
Ideal Reversible Hinge & Cabinet Co. ("Ideal" Bath Room Wood), 3666 Park av, St. Louis, Mo.
Indianapolis Drug Cabinet Co., Indianapolis, Ind.
Johnson & Johnson (First Aid), New Brunswick, N. J.
Morgan Co. (Wood), Oshkosh, Wis.
National Mill & Lbr. Co. (Wood), 318 Market, San Francisco, Cal.
Nurre Mirror Plate Co. (All-Steel), Bloomington, Ind.
Powell Steel Kitchen Co., 4223 Belle Plaine av, Chicago, Ill.
Romer Mfg. Co., 203 Diamond, Brooklyn, N. Y.
Safety Fire Extinguisher Co., 295 7th av, New York
See adv index at end of book
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Shwab Bros. Co. (Wood), 811 E 9th, New York
Silcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Standard Cabinet Mfg. Co. (Also Phonograph, X-Ray & Automobile), Peru, Ind.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Stokes Wm. A. & Co. (Wood), 50 Howard, New York
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Wood), Indianapolis, Ind.
Universal Cabinet Co., 1737 N Paulina, Chicago, Ill.

1762— Cabinets (Music)

Art Metal Construction Co. (Steel), Jamestown, N. Y.
Art Novelty Co., Goshen, Ind.
Automatic File & Index Co., Green Bay, Wis.
Ballman Cabinet Co., 314 Russel av, Cincinnati, O.
Beecher Falls Co., Beecher Falls, Vt.
Box Albert K., Pulaski, N. Y.
Brooks Furniture Mfg. Co., Rochester, N.Y.
Butler Mfg. Co., 721 N Clinton, Syracuse, N. Y.
Cabinola Co. (For Player Piano Rolls), 35-45H Henry, Buffalo, N. Y.
Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.
Faribault Furniture Co., Faribault, Minn.
Forest City Furniture Co., Rockford, Ill.
Grand Rapids Chair Co., Grand Rapids, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Herrmann H. Furniture Co., 368 Broome, New York
Herzog Art Furniture Co., Saginaw, Mich.
Hoffer W. Furniture Co., Cohoes, N. Y.
Jamestown Cabinet Co., Jamestown, N. Y.
Lauter H. Co., W Wash. & Harding, Indianapolis, Ind.
Lindals Cabinet Co. (Music), Dept. H-8 E. 34th, New York
Mechanics' Furniture Co., Rockford, Ill.
Miller Cabinet Co., Rochester, N. Y.
New Farson Mfg. Co., Chester, Pa.
Northwestern Cabinet Co., Burlington, Ia.
Novelty Wood Works Co., Union City, Pa.
Oriel Cabinet Co., Grand Rapids, Mich.

Peterson Art Furniture Co., Faribault, Minn.
Rockford Desk Co., Rockford, Ill.
Rockford Palace Furniture Co., Rockford, Ill.
Salter Mfg. Co., 339 N Oakley bl, Chicago Ill.
Sheboygan Novelty Co., Sheboygan, Wis.
Stein J. & Sons, 38 Franklin, Brooklyn, N. Y.
Tonk Mfg. Co., 1912 Lewis, Chicago, Ill.
Udell Works, Indianapolis, Ind.
Union Furniture Co., Rockford, Ill.
Western Reserve Furniture Co., Warren, O.

1763— Cabinets (Oil)

American Oil Pump & Tank Co. ("American" Self-Measuring), Findlay & Dalton, Cincinnati, O.
Beman Automatic Oil Can Co. ("Beman" Automatic Curb Self-Measuring Gasolene Supply for Automobiles & Engines, etc), Meadville, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Chapin R. E. Mfg. Works ("Eclipse"), Batavia, N. Y.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lowe S. C. Supply Co., New Bedford, Mass.
Milwaukee Tank Works, Fratney & Becker, Milwaukee, Wis.
New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
Wadsworth C. J., Cleveland, O.

1764— Cabinets (Panel Board)

See also Telephone Cabinet Work

Adam Frank Electric Co. ("F-A"), 904 Pine, St. Louis, Mo.
A. G. Mfg. Co., Seattle, Wash.
Allsteelequip Co. (Metal), Aurora, Ill.
Aurora Steel Products Co., Aurora, Ill.
Benjamin Electric Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Berry-Glosser Co., Marion, O.
Bissell F. Co. ("Security"), Toledo, O.
Bonnell, W. A., 192 Chambers, New York
Brady Electric Mfg. Co., New Britain, Conn.
Burns James F., 713 Cherry, Phila., Pa.
Chicago Switchboard Mfg. Co., 426 S Clinton, Chicago, Ill.
Cleveland Switchboard Co., 2925 E 79th, Cleveland, O.
Cole Metal Products Co., 401 E 23d, New York
Columbia Metal Box Co., 226 E 144th, New York
Commercial Switchboard Mfg. Co., Denver, Co.
Consolidated Elec. Mfg. Co., 223 N 13th, Phila., Pa.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
C. & P. Elec. Wks., Springfield, Mass.
Crouse-Hinds Co. (Steel; also Wood), Syracuse, N. Y.
Cutter, Geo. Co. ("Cutter's" Switch Box), South Bend, Ind.
Dahlstrom Metallic Door Co. (Metal), 413 Buffalo, Jamestown, N. Y.
Dill Mfg. Co., 684 E 82nd, Cleveland, O.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Electric Apparatus Co., Chicago, Ill.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Electric Steel Box Co., 31st & S Wood, Chicago, Ill.
Fish & Horton Co., 133-135 Mill, Rochester, N. Y.
Flint Elec. & Mfg. Co., 1402 Delgany, Denver, Colo.
Greater New York Metal Box Co., 143 W 19th, New York
Hamilton Sheet Metal Co., Hamilton, O.
Hart & Hegeman Mfg. Co., 343 Capitol av, Hartford, Conn.
Hauer, J. B., 100 Bayard, Brooklyn, N. Y.
John H. H., 277 Minna, San Francisco, Cal.
Jordan Cabinet Works, 129 Degraw, Brooklyn, N. Y.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Kuhhman Engrg. Co., Toledo, O.
Large-Dail Mfg. Co., 606 Cherry, Phila., Pa.
Leonard-Bundy Elec. Co., 433 Champlain av, Cleveland, O.
McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
Mendell Mfg. Co., New Bedford, Mass.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Metropolitan Elec. Mfg. Co., 524 1st, Seattle, Wash.
Metropolitan Engrg. Co., 1250 Atlantic Av., Brooklyn, N. Y.
Milwaukee Vault & Cabinet Co., 521 Market, Milwaukee, Wis.
Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W, Detroit, Mich.
Newgard Henry & Co. ("Newgard"), 947 Washington blvd, Chicago, Ill.
O. K. Metal Box Co., 198 Greenwich, New York.
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Peterson Chas. J. & Co., 725 Fulton, Chicago, Ill.
Portland El Maintenance Co., Portland, Ore.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Rice Co., Geo. H., 431 E 23d, New York
Robb & Blackmer, 129 Pearl, Boston, Mass.
Schmidt A. R. Elec. Co., 262 E Water, Milwaukee, Wis.
Service Elec. & Mfg. Co., Minneapolis, Minn.
Square D. Co., 1411 Revard, Detroit, Mich.
Standard Mechanical Equipt. Co., Dallas, Tex.
Star Metal Box Co., 507 W 19th, New York.
Sterling Switchboard Co., Camden, N. J.
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.
Tanner & Co., Wm. F., 511 S Sharp, Baltimore, Md.
Thomas & Betts Co., 63 Vesey, New York
Troy Electrical Co. (Metal), Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
United Sheet Metal Wks., San Francisco, Cal.
Wecso Supply Co., 7th & Clark av, St. Louis, Mo.
Wilson Co. A. B., 1051 Power bldg, Cleveland, O.
Worcester Elec. & Mfg. Co., Worcester, Mass.
Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

1764a—Cabinets (Sand Blast)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mott Sand Blast Mfg. Co., 24 S Clinton, Chicago, Ill.
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
Pangborn Corp., Hagerstown, Md.

1765— Cabinets (Sewing)

Buchanan Cabinet Co., Buchanan, Mich.
I. X. L. Furniture Co., Goshen, Ind.
Joerns Bros. Mfg. Co., Exposition bldg, St. Paul, Minn.
Kundtz, Theodor Co., Winslow & Elm, Cleveland, O.
Stokes Mfg. Co., Montgomery, Pa.

1766— Cabinets (Spice)

Arcade Mfg. Co., Freeport, Ill.
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Richardi & Bechtold, Bellaire, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

1766a— Cabinets (Steel)

Armor Clad Mfg. Co., Canton, O.
Art Metal Products Co., 514 S Green, Chicago, Ill.
HART & HUTCHINSON CO. ("Storall" Storage), Corbin av, New Britain, Conn.
Hirshman W. F., Inc., 92H Main, Buffalo, N. Y.
Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Jefferis, Richard W. Co. ("Jefferis" Pressed Sliding Door), Camden, N. J.
Koenig Edward L., La Salle, nr. Lake, Chicago, Ill. *See adv index at end of book*
Louisiana Metal Cabinet Wks. (Electric), New Orleans, La.
Lyon Metallic Mfg. Co., Aurora, Ill.
Medart, Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.

1766b—*Cabinets (Switchboard)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.

1767— Cabinets (Syrup)

Bishop & Babcock Co., 1254 E 55th, Cleveland, O.

1767a— Cabinets (Talking Machine)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Federal Equipment Co., Carlisle, Pa.
Long Geo. A. Cabinet Co., Hanover, Pa.
Passow & Sons, 2101 S. Allport, Chicago, Ill.

1768— *Cabinets (Thread)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

Cabinets (Toilet Paper)

See Holders, Toilet Paper

1769— Cabinets (Tool)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hirshman, W. F., Inc., 92H Main, Buffalo, N. Y.
Koenig Edward L., 23 W Kinzie, Chicago, Ill. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.

1770— Cabinets (Tool, Steel)

Allsteelequip Co., Aurora, Ill.
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Bernstein Mfg. Co., 3d & Allegheny, Philadelphia, Pa.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Darby Edw. & Sons Co. ("Pen-Dar"), 413 N 13th, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Hart & Hutchinson Co. ("H. & H."), Corbin av, New Britain, Conn.
Hirshman, W. F., Inc., 92H Main, Buffalo, N. Y.
Lupton's David Sons Co., Alleghany av & Tulip, Phila., Pa.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Medart, Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book
Terrell's Equipment Co., Grand Rapids, Mich.

1771—Cabinets (Utility, Steel)

Hart & Hutchinson Co. ("H. & H."), Corbin av, New Britain, Conn.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.

1772— Cabinets (Wood)

Basic Mfg. Co., Wilmington, Del.
Cabinola Co., 35-45H Henry, Buffalo, N. Y.
Chicago Surgical & Elec. Co., 324 W Superior, Chicago, Ill.
Churchill Cabinet Co. (For Electrical Devices), 2119 Churchill, Chicago, Ill.
BOGERT & HOPPER, INC. (Card Index), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS (Turned Wood, Hair Pin, Thread, Tool, Switchboard, etc), 364 5th av, New York
See adv index at end of book
Huttig Sash & Door Co., 1206 S. Vandeventer av, St. Louis, Mo.

Cabinets & Filing Cases (Metallic)

See Filing Cabinets & Devices, with the words Metallic or Steel following firm names

1773-4-5— Cable (Ignition)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Boston Insulated Wire & Cable Co., Boston, Mass.
Empire Tire & Rubber Corp. ("Empire," "Ideal"), Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Mosler A. R. & Co., Mt. Vernon, N. Y
Okonite Co., Passaic, N. J.
Otter Mfg. Co., Inc., 243 W 17th, New York
Packard Electric Co., Warren, O.
Post & Lester Co., Hartford, Conn.
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Splitdorf Electrical Co., 98 Warren, Newark, N. J.
Standard Underground Cable Co., Westinghouse Bldg., Pittsburgh, Pa.
Whitney Blake Co., New Haven, Conn.

Cable Railways

See Wire Rope Tramways

Cables (Armored)

See Conductors, Armored

1776— Cables (Copper, Electric)

AMERICAN BRASS CO. (Transmission), Waterbury, Conn.
For branch offices see adv index at end of book
National Conduit & Cable Co., 41H Park row, New York
ROME WIRE CO. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
St. Louis Lighting Rod Co., De Kalb & Trudeau, St. Louis, Mo.

1777— Cables (Drilling, Manila)

See also Rope, Manila; Rope, Wire

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Wall Rope Works, Inc., 48 South, New York

1777a—Cables (Interior Telephone)

Kerite Insulated Wire & Cable Co., Inc., 30 Church, New York
STROMBERG CARLSON TELEPHONE MFG. CO., 1050 University av, Rochester, N. Y.
Whitney Blake Co., New Haven, Conn.

1777b—*Cables (Launch Steering)

ROEBLING'S JOHN A. SONS CO., Main office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

1778—Cables (Mining Machine)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book

Cables (Rubber Covered)

See Wire, Rubber Covered

1779—Cables (Submarine, Underground & Lead Encased)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Bishop Gutta-Percha Co., 420 E 25th, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Habirshaw Elec. Cable Co., 10 E 43rd, New York
Hazard Mfg. Co., Wilkes-Barre, Pa.
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
National Conduit & Cable Co., 41 Park row, New York
National India Rubber Co., Bristol, R. I.
N. Y. Insld. Wire Co., 84 State, Boston, Mass.
Okonite Co, Passaic, N. J.
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Standard Underground Cable Co. (Paper, Varnished Cambric, Rubber & Fibre Insulated), Westinghouse Bldg., Pittsburgh, Pa.
Western Electric Co., 463 West, New York

1780—*Cables (Suspension Bridge)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J.
See adv index at end of book

Cables (Weatherproof)

See Wire, Weatherproof

Cableways (Aerial)

See Wire Rope Tramways

1781— Cableways (Concrete Handling)

Blaw Knox Co., Freeport rd., Hoboken, N.J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Sauerman Bros., 1138 Monadnock bldg., Chicago, Ill.

1782—*Cableways (Contractors')

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

1783—*Cableways (Drag Line)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
SAUERMAN BROS., 1138 Monadnock blk., Chicago, Ill.

1784—*Cableways (Logging)

LIDGERWOOD MFG. Co., 96 Liberty, New York *See adv index at end of book*

1785—*Cableways (Sewer & Trench Excavating)

See also Wire Rope Tramways

Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
LIDGERWOOD MFG. Co., 96 Liberty, New York *See adv index at end of book*

Cableways (Wire Rope)

See Wire Rope Tramways

1786— Cadgers (Mining)

GEM MFG. CO. ("Gem" Steel, for Miners' Oil Reserve Supply), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

1787— Cadmium

American Smelting & Refining Co., 120 B'way, New York
Drakenfeld B. F. & Co. (Sulphide, Selling Agent, 50 Murray, New York
Grasselli Chemical Co. (Pure in Sticks & Cadimium Sulphide), Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.
Krebs Pigment & Chemical Co. (Sulphide), Newport, Del.
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
U. S. Smelting, Refining & Mining Co. ("U. S. S. Co."), 120 Broadway, New York
U. S. Zinc Co., Pueblo, Colo.
Wiarda John C. & Co. (Sulphide), 273 Greene, Brooklyn, N. Y.

1787a— Cadmium Bromide

Cooper Chas. & Co., 194 Worth, New York
Dow Chemical Co., Midland, Mich.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

1787b— Cadmium Chloride

Cooper Chas. & Co., 194 Worth, New York
Dissoway-Schad Co., Inc., 830 Humboldt, Brooklyn, N. Y.

1787c— Cadmium Iodide

Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.
New York Quinine & Chemical Wks., 135 William, New York
Squibb E. R. & Sons, 78 Beekman, New York

1787d— Cadmium Nitrate

Dissoway-Schad Co., Inc., 830 Humboldt, Brooklyn, N. Y.

1787e— Cadmium Salts

Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Philadelphia, Pa.

1787f— Cadmium Sulphate

Cooper Chas. & Co., 194 Worth, New York
Dissoway-Svhad Co., Inc., 830 Humboldt, Brooklyn, N. Y.
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Mackay A. D., 130 Pearl, New York
Squibb E. R. & Sons, 78 Beekman, New York

1787g— Cadmium Sulphide

Drakenfeld B. F. & Co., Inc., 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Mackay A. D., 130 Pearl, New York
Strensen-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.
Vitro Mfg. Co., H Bessemer bldg., Pittsburgh, Pa.
Wiards John C. & Co., 273 Green, Brooklyn, N. Y.

1788— Caffeine

Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Monsanto Chemical Works, St. Louis, Mo.
National Aniline & Chemical Co., Inc. ("Howards" Imp), 21 Burling slip, New York

1788a— Cages (Bank)

Art Metal Construction Co. (Steel & Bronze), Jamestown, N. Y.
See adv index at end of book
Dufur & Co., 311 N. Howard, Baltimore, Md.
Estey Bros. Co. (Wire), 270 Union av, Brooklyn, N. Y.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
New York Quinine & Chemical Works (Alkaloid & Citrated), 135 William, New York

1789— Cages (Batting)

Spalding A. G. & Bros., 126 Nassau, New York

1790—Cages (Bird, Animal, Etc.)

Gray Peter & Sons, Inc. (Animal), 286 3d, East Cambridge, Mass.
Heinz & Munschauer (Bird, Squirrel, etc), Buffalo, N. Y.
Hendryx, A. B. Co. (Bird, Parrot, Squirrel), 86 Audobon, New Haven, Conn.
See adv index at end of book



"HENDRYX"
BIRD CAGES
are used for most all the pet birds
Brass, Tinned, Japanned
Over 200 Styles
The A. B. Hendryx Company
New Haven, Conn.

Lindemann O. & Co. (Bird, Mouse, Parrot, Squirrel), 35 Wooster, New York
Maxwell's John Son (Bird, Parrot, Squirrel), 259 Pearl, New York
Meyers F. J. Mfg. Co. (Bird, Squirrel, Wooden), Hamilton, O.
See adv index at end of book
Osborn Mfg. Co. (Brass, Silver Plated & Solid Bronze Bird), 675 Hudson, New York
Page Steel & Wire Co. (Bear, Bird, Monkey), Adrian, Mich.
Phillips & Buttorff Mfg. Co. (Squirrel), Nashville, Tenn.
Reed Evan L. Mfg. Co. (Bird), Sterling, Ill.

1791— Cages (Mine)

See also Skips, Mine

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bartlett A. F. & Co., Saginaw, Mich.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.
Denver Engineering Works Co., Denver, Colo.
Diamond Machine Co., Monongahela, Pa.
Dillon Box Iron Works Co., Denver, Colo.
Duncan Foundry & Machine Works (Self-Dumping & Plain), Alton, Ill.
Eagle Iron Works ("Olsen's" Self-Dumping), Des Moines, Ia.
Egyptian Iron Wks., Murphysboro, Ill.
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Herzler & Henninger Machine Works (Automatic & Plain), Belleville, Ill.
Holmes, Robert & Bros., Danville, Ill.
See adv index at end of book
Johnson, G. M. Mfg. Co., Jeanette, Pa.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O. *See adv index at end of book*
Lake Shore Engine Works, Marquette, Mich.
Litchfield Fdry. & Machine Co. (Self-Dumping & Ordinary), Litchfield, Ill.
Lucas A. & Sons (Self-Dumping), 1329 S Washington, Peoria, Ill.
Marion Machine, Foundry & Supply Co. (Automatic), Marion, Ind.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Mine & Smelter Supply Co., 42 B'way, New York
Mineral Ridge Mfg. Co. ("Stevens"), Mineral Ridge, O.
National Iron Co., Duluth, Minn.
Niles Mine & Mill Supply Co., Cleveland, Ohio
Ottumwa Box Car Loader Co. (Self-Dumping & Standard), Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Prox Frank Co., Terre Haute, Ind.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Stine S. B. (Automatic), Osceola Mills, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Union Iron Works, Spokane, Wash.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
What Cheer Tool Co. ("Walker" Automatic Reversible), What Cheer, Ia.
William A. Box Iron Works So., 3309 Blake, Denver, Colo.

Cages (Squirrel)

See Cages, Bird, Animal, etc.

1792— Caisson Foundations

See also Bridge Foundations

Blodgett Construction Co., Kansas City, Mo.
Clark & Co., 225 5th av, New York
Cranford Paving Co., 2620 E N W, Washington, D. C.
Cullen-Friestedt Co., 7 S Dearborn, Chicago, Ill.
Foundation Co. (Engineers & Contractors, Pneumatic, etc.), 120 Liberty, New York
Gahagan Walter H., 147 Remsen, Brooklyn, N. Y.
Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.

Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.
McMullen Arthur Co., 149 B'way, New York
McMurry J. W. Contracting Co., Kansas City, Mo.
Missouri Valley Bridge & Iron Co. (A. J. Tullock, Prop.), Leavenworth, Kan.
O'Rourke Engineering Construction Co., 17 Battery pl, New York
Simplex Foundation Co., 3400 Disston, Phila., Pa.
Steers Henry, 17 Battery pl, New York

1793— Caissons (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry, 9 Codding, Providence, R. I.

1794— Caissons (Sheet Steel)

Coatesville Boiler Works (Steel), Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
East Jersey Pipe Corp., Paterson, N. J.
Ellicott Machine Corp., 1111 Bush, Baltimore, Md.
See adv index at end of book
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie, Elliott & Co., Paterson, N. J.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Petroleum Iron Works Co., Sharon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., The, Alliance, O.
See adv index at end of book
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Tippett & Wood, Phillipsburg, N. J.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Union Iron Works, Hoboken, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

1795— *Calcimines

FOX M. EWING CO. ("Muralite" & "Calcitine"), 241 E 136th, New York
Schrader, Whittick & Co. (Hot Water Finish), 1318 Clybourne av, Chicago, Ill.

1795a-b—*Calcining Systems

Fuller Engng. Co., Fullerton, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
SCHAFFER ENGINEERING & EQIUPMENT CO. (Continuous Process), 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

1795c— Calcium Arsenate

Riches, River & Co., 30 Church, New York

1795d— Calcium Bromide

Dow Chemical Co., Midland, Mich.

1796— Calcium Carbide

Air Reduction Sales Co., 120 B'way, New York
American Carbolite Co. ("Carbolite"), Duluth, Minn.
Shawinigan Products Corp., 110 William, New York *See adv index at end of book*
Union Carbide Sales Co., 30 E 42nd, New York. Works: Niagara Falls, N. Y., & Sault Sainte Marie, Mich.

1797—Calcium Carbide Briquettes

Carbic Mfg. Co. ("Carbic"), Duluth, Minn

1798— Calcium Carbonate

Anaconda Copper Mining Co., Butte, Mont.
Chinn Mineral Co., Harrodsburg, Ky.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.
Industrial Chemical Co., 200 5th av, New York
Vitro Mfg. Co. (Calcspar), H Bessemer bldg., Pittsburgh, Pa.

Calcium Chloride

See Chloride of Calcium

1799— Calcium Cyanamid

American Cyanamid Co., 511 5th av, New York

1799a— Calcium Fluoride

Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.

1799b—Calcium Glycerophosphate

Monsanto Chemical Wks., St. Louis, Mo.

1799c— Calcium Hypochlorite

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Marden, Orth & Hastings Co., 136 Liberty, New York

1799d— Calcium Hypophosphite

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl., New York

1799e—Calcium Magnesium Chloride

Dow Chemical Co. (65% Granulated), Midland, Mich.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Gruff L. W. & Co., 80 Maiden Lane, New York
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.

1799f— Calcium Oxide

American Lime & Stone Co., Tyrone, Pa.
Ash Grove Lime & Cement Co., Grand av., Temple, Kansas City, Mo.
Dissosway-Schad Co., Inc. (C. P.), 880 Humboldt, Brooklyn, N. Y.
Glencoe Lime & Cement Co., Syndicate Trust bldg., St. Louis, Mo.
Kelley Island Lime & Transport Co., Leaders-News bldg., Cleveland, O.
Rockland & Rockport Lime Co., 101 Park av., New York
Scioto Lime & Stone Co., Delaware, O.
White Marble Lime Co., Manistique, Mich.

1799g— Calcium Permanganate

Carus Chemical Co., La Salle, Ill.
Schapper Chemical Co., 192 N Clark, Chicago, Ill.

1799h— Calcium Peroxide

Roessler & Hasslacher Chemical Co., 709 6th av, New York

Men who know carbide don't want to be without "the Green Drum". Those who sell carbide can't afford to be without it. A man's first drum of



CANADIAN CARBIDE is never his last-

SHAWINIGAN

SHAWINIGAN PRODUCTS CORPORATION
110 WILLIAM ST. NEW YORK
549 McCORMICK BLDG. CHICAGO

1799i— Calcium Resinate

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
National Oil Products Co., Harrison, N. J.
Scheel Wm. H., 159 Maiden lane, New York *See adv index at end of book*

1799j— Calcium Stearate

Fales W. H. Co., 162 Maiden Lane, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Meyer J. & Sons, Philadelphia, Pa.
National Oil Products Co., Harrison, N. J.
Sloan & Russell, Inc., 132 Nassau, New York

1799k— Calcium Sulphide

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

1799l— Calcium Sulphite

Beggs E. J. & Co., 92 William, New York

1800— Calcium Sulphate

Dehls & Stein, Inc., 239 S Newark, N. J.
Riverside Acid Works, Warren, Pa.

1800a— Calcspar

Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.

1800b—Calendars (Advertising)

National Art Works ("Bras-Etch," Daily & Wall 6x12 Sheet), Covington, Ky.
Osborne Co., 759H Sumner av, Newark, N. J.
Rose Co., 804-6 Sansome, Phila., Pa.
Wachtel Calender & Novelty Co., 203 W. Main, Louisville, Ky.

Caldrons

See Kettles, Caldron

1801— Calendars (Desk)

American Colortype Co., 207 W 25th, New York
Baumgarth John Co. (Mfrs.), 1414 W Randolph, Chicago, Ill.
Brown, Wm. Embossing Co. (Embossed Special Only), B'way & Elm, St. Louis, Mo.
Etching Company of America, 1520H Montana, Chicago, Ill.
Feigenspan C. & Co., Cincinnati, O.
International Ticket Co., 50H Grafton av, Newark, N. J.
Knapp Co., 52 E 19th, New York
Myers Elwood Co. (Advertising), Springfield, O.
National Art Works (Daily & Monthly), Covington, Ky.
National Calender Co. (Advertising), 1014 Flint, Cincinnati, O.
Ohio Printing & Publishing Co., Massillon, O.
Parrott Matt & Sons Co. (Perpetual Daily Date), Waterloo, Iowa
Schimper William & Co., 322-338 Ferry, Hoboken, N. J. & 33 Union sq, W New York

1802— Calibrators (Meter)

Roller-Smith Co. ("Columbia"), 233 B'way, New York
Sangamon Electric Co., Springfield, Ill.

Calipers (Beam)

See Calipers & Dividers, Spring

1803— *Calipers (Firm Joint)

Gordell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

1804— Calipers (Log)

Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.

Calipers (Micrometer)

See Gauges, Micrometer

1805— Calipers (Vernier)

Brown & Sharpe Mfg. Co., Providence, R. I.
Johnson, E. P. Rule Mfg. Co., 565 Washington blvd, Chicago, Ill.
Snellex Mfg. Co., Dept. H, Rochester, N. Y.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Calipers (Winged)

See Dividers, Wing & Extension; also Calipers & Dividers

1806—Calipers & Dividers (Spring)

See also Gauges, Dividers, Wing & Extension; also Rules, Caliper; also Squares, Caliper; also Micrometers; also Spherometers

Athol Mach. & Foundry Co. ("Premier" & A. M. C."), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Crescent Machine & Engineering Co., Irvington, N. J.
Goodell-Pratt Co., Greenfield, Mass.
Indicating Calipers Co., 506 E 19th, New York

Kraeuter & Co. (Register, Outside, Navy, etc), 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Smith H. B. Machine Co. (Chisel, for Hand Turning), Smithville, N. J.
STARRETT L. S. CO. (THE) ("Fay" & "Yankee"), Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.

1807— Calks (Boot)

North & Pfeiffer Mfg. Co. ("Pfeiffer" Wing Screw), Hartford, Conn.
Lufkin Rule Co. (Lumbermen's, etc), Saginaw, Mich.

1807a— Calks (Drive)

Diamond Calk Horse Shoe Co., Duluth, Minn.
Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.
Green Bay Drive Calk Co., Green Bay, Wis.
Neverslip Works, The ("Red Tip" "Neverslip"), New Brunswick, N. J.
Rowe Calk Co., Plantsville, Conn.
Williams Drop Forging Co., Scranton, Pa.

1807b—Calks (Screw, Removable)

American Calk Co. ("Sure Grip"), 1217 Forest, Detroit, Mich.
Neverslip Works, The ("Red Tip" "Neverslip"), New Brunswick, N. J.
Reynolds James Mfg. Co. ("Acme," "Wont Slip"), New Haven, Conn.
Rowe Calk & Chain Co. ("Rowe," "H"), Plantsville, Conn.
Williams Drop Forging Co. ("Williams Can't Slip," "Black Diamond"), Scranton, Pa.

Calks (Toe, Horseshoe)

See Toe Calks, Steel

1808— Calls (Duck & Crow)

Allen Fred A. Sportsman's Specialty Co. (Wood Shell), Monmouth, Ill.
Ditto Charles H. ("Ditto"), Keithsburg, Ill.

1809— Calomel

Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co., Inc. "Howards" Imp), 21 Burling slip, New York
Pfizer Charles & Co., 81 Maiden la, New York

1810-11— Calorimeters

American Meter Co. (Improved "Junkers") 3112 N 17th, Phila., Pa.
American Steam Gauge & Valve Mfg. Co. ("Ellison" Throttling Evaporating), 208 Camden, Boston, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Braun-Knecht-Heimann Co. (Pair), 576-584 Mission, San Francisco, Cal.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Elmer & Amend, 205 3d av, New York
Ellison Lewis M. ("Ellison" Throttling-Evaporating), 214 W Kinzie, Chicago, Ill.
Emerson Apparatus Co., 251 Causeway, Boston, Mass.
Gaertner Wm. & Co. (Bomb Type, etc.) 5345 Lake Park av, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
Lexington Instrument Works ("Smith" Recording Gas), Lexington, Richland Co., Ohio
Precision Instrument Co. ("Roland Wild" Coal), ("Precision" Gas Recording), 21 Halsey, Newark, N. J.
Sarco Co., Inc. ("Sarco"), 8 Park pl., New York
SCHAEFFER & BUDENBERG MFG. CO. ("Carpenter" Throttling, Separating & Coal), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Smith Gas Engineering Co. ("Smith" Recording Gas), Dayton, O.
Standard Calorimeter Co. ("Parr"), East Moline, Ill.
Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
Superior Meter Co., 254 36th, Brooklyn, N. Y.
Thwing Instrument Co. (Electrical, Gas, Recording & Indicating), 3339 Lancaster av, Phila., Pa.

1812— Camera Obscuras

McAllister T. H.-Keller Co., 176 Fulton, New York

1813— Cameras

Ansco Co., Binghamton, N. Y
Bauer Max, Jersey City, N. J.
Bell & Howell Co. ("Standard" Moving Picture), 1801 Larchmont av, Chicago, Ill.
Benson Dry Plate & Camera Co. (Ferrotype & Postal Card), 168½ Delancey, New York
Chicago Ferrotype Co., 1455 W Congress, Chicago, Ill.
Conley Camera Co., Rochester, Minn.
Cruver-Peters Co., 825 Washington blvd., Chicago, Ill.
Daydark Specialty Co., 2823 Benton, St. Louis, Mo.
Eastman Kodak Co. ("Graflex," "Premo," "Kodak," "Brownie"), Rochester, N. Y
Gennert G., 24 E 13th, New York
Goerz C. P., American Optical Co., 317 E 34th, New York
Gundlach Manhattan Optical Co. ("Korona"), Rochester, N. Y.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Mountford Mfg. Works, Dumont, N. J.
Movette, Inc. ("Movette"), 295 State, Rochester, N. Y.
New York Engravers' Supply (Fer Photo Engravers, Photo Lithographers and Rotary Photo Gravure), 230 W 17th, New York
Peerless Mfg. Co., Norwalk, Conn.
Schneider Eberhard (Moving Picture), 219 2d av, New York
Seneca Camera Mfg. Co., Rochester, N. Y.
Universal Camera Co. (Motion Picture), 240 E. Ontario, Chicago, Ill.
Vitlex Camera Co., Springfield, Mass.
Wing S. & Co., Charleston, Boston, Mass.
Woodbury & Co. (Aerial), Worcester, Mass.

1814—Camp Cooking Outfits & Stoves

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Baxter, W. E. Mfr. (Portable), Louisville, Ky.
Gold Medal Camp Furniture Mfg Co., Racine, Wis.
Kraft A. C. ("Kamp Komfort" Heaters & "Kamp Kook's Kits"), 323 W. Lake, Chicago, Ill.
Stonebridge C. H. Mfg. Co., 23 Warren, New York
Stopple Kook Kit Co., Alma, Mich.

1815— Camp Stools & Chairs

Defiance Welding Co. (Steel Stools only, Folding), Defiance, O.
Fulton Bag & Cotton Mills (Stools), Atlanta, Ga.
Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
McKinnon Dash Co. (Folding Metal), Buffalo, N. Y.
Richards Mfg. Co., Marietta, O.
Steinfeld Bros. (Folding), 116 W 32nd, New York
Stonebridge C. H. Mfg. Co., 23 Warren, New York

1815a— Camping Outfits

Auto Kamp Equipment Co., Saginaw, Mich.
Channon, H. Co., 150 N. Market, Chicago, Ill.
Cullum & Boren Co., Dallas, Texas
Kraft, A. C., 325 W. Lake, Chicago, Ill.
Metropolitan Air Goods Co. (Sleeping Pockets), Athol, Mass.
New York Sporting Goods Co., 15 Warren, New York
San Antonio Tent & Awning Co., 129 Military Plaza, San Antonio, Texas
Stonebridge, C. H. Mfg. Co. (Canvas Basins & Buckets & Folding Lanterns), 23 Warren, New York
Strong Bungalow Co., Dept. H, Hartford, Conn.

1816— Camphor

American Camphor Refining Co. (Refined), 14 Fulton, Boston, Mass.
American Trading Co. (Imp), 25 Broad, New York
Ayers, Bridges & Co. (Imp), 200 Summer Boston, Mass.
Baker H. J. & Bro. (Imp), 81 Fulton, New York
Barrett Co. (Tar), 17 Battery pl, New York
Cresol Chemical Co. (Oriental Rice, etc), 8 Van Buren, Brooklyn, N. Y.
Fearon, Brown Co. (Imp), 96 Wall, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co., 2 Stone, New York
Jones E. F. Chemical Co., 51 Jay, New York
Lathrop H. R. & Co., 116 Beekman, New York
Lehn & Fink (Japanese, Imp), 120 William, New York
Lewy Chemical Co., 26 E 22d, New York
Mitsul & Co. (Imp), 65 B'way, New York
Morningstar Chas & Co., Inc. (Imp.), 349 Broadway, New York
National Aniline & Chemical Co., Inc. (Imp Refined Japanese Gum), 21 Burling sl, New York
Parke, Davis & Co. (Japanese), 743 Atwater, Detroit, Mich.

Pfizer Chas. & Co. (Refined), 81 Maiden la, New York
Satsuma Co., Satsuma Heights, Fla.
Schieffelin & Co. (Refined, Imp), 170 William, New York
Stern D. S. Co. (Imp), 46 Davis, San Francisco, Cal.
Stillwell Arthur A. & Co. (Imp), 20 Cliff, New York

1816a—Camphor (Monobromated)

Dow Chemical Co., Midland, Mich.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York

1817— Cams

Barrett Bros., 43 Haverhill, Boston, Mass.
Chester Steel Castings Co., Chester, Pa.
Chrome Steel Works (Canada Chrome Steel, Self-Locking), Chrome, N. J.
Denver Engineering Works Co. (Cam Shafts for Stamp Mills), Denver, Colo.
Erie Forge Co. (Shafts for Stamp Mills, Eccentric Forgings), Erie, Pa.
Garvin Machine Co., 147 Varick, New York
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Cania" Self-Locking, etc), 120 B'way, New York
See adv index at end of book
National Steel Casting Co., Montpelier, Ind.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
Rowbottom Machinery Co. (For Machinery), Waterville, Conn.
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

1817a— Candle (Tubes)

Elastoid Fibre Co. ("Elastoid"), Waltham, Mass.
Fibre Products Co., New Bedford, Mass.

1818— Candles (Bees Wax)

Cathedral Candle Co., Syracuse, N. Y.
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Mack, Miller Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
St. Louis Candle & Wax Co., 208 S. 1st, St. Louis, Mo.
Will & Baumer Co., Syracuse, N. Y.

1819— Candles (Carbide)

Ainsworth Wm. & Sons ("Arnold"), Denver, Colo.

1820— Candles (Coach)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Columbia Wax Works, 749 E 137th, New York
Emery Candle Co., 115 E. 4th, Cincinnati, O.
Gross A. & Co., 90 West, New York
Marty F. & Co., Syracuse, N. Y.
Standard Oil Co., of N. J., 26 Broadway, New York
Will & Baumer Co., Syracuse, N. Y.

1821— Candles (Electric)

American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.

1822—Candles (Mutton Tallow)

Boyd James, 408 W 26th, New York
Syracuse Candle Co., Syracuse, N. Y.

1823—Candles (Plumbers' & Mining)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Cathedral Candle Co., Syracuse, N. Y.
Columbia Wax Works, 749 E 137th, New York
EMERY CANDLE CO., 115 E. 4th, Cincinnati, O.
Finn Geo. M., 427 E Water, Syracuse, N. Y.
Goodwin Mfg. Co., 3332 Choteau, St. Louis, Mo.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gross A. & Co., 90 West, New York
Harkness & Cowing Co., Murray av. & Carthage Pike St. B, Cincinnati, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
Schaeffer Bros. & Powell Mfg. Co., Barton & Kosciusko, St. Louis, Mo.
Smith & Nichols, 121 Maiden la, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Which Will Tin," "Electric Light," "Granite," "Snow Flake"), 555 W 25th, New York
Syracuse Candle Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1824—Candles (Stearic Acid)

Century Stearic Acid Candle Wks., 380 South, New York
Columbia Wax Works, 749 E 137th, New York
Emery Candle Co., 115 E. 4th, Cincinnati, O.
Gross A. & Co., 90 West, New York
Knapp Edw. J. Candle Co., Syracuse, New York
Marty F. & Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1825— Candles (Sulphur)

Hoboken Sanitary Co., 249 Clinton av, West Hoboken, N. J.
Seabury & Johnson, 59 Maiden la, New York
White Tar Co., John & Cliff, New York

1826—Candlesticks (Colonial)

American Ring Co. (Brass), Waterbury, Conn.
Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. (Planished Brass, etc), 172 Fulton, New York
Crescent Brass Products Co., 8410H Lake av, Cleveland, O.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co. (Brass & Copper), 496 E 134th, New York
National Enameling & Stamping Co., 411 5th av, New York
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Rostand Mfg. Co. ("Rostand," Brass), Milford, Conn.
Thomas Seth Clock Co., Thomaston, Conn.
Warner Silver Co. (Gold, Silver & Brass Plated), Bridgeport, Conn.

1826a—Candlesticks (Mahogany)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

1827—Candlesticks (Miners' & Plumbers')

Ludlow-Saylor Wire Co., Newstead av c Wabash R R, St. Louis, Mo.
Stortz John & Son, 210 Vine, Phila., Pa.
Varney N. E., Denver, Colo.

1828— Canisters

See also Tinware Mfrs.

Canister Co. of New Jersey ("Canwood" Fibre, etc, with Tin Tops & Bottoms for Dry Foods & Chemicals), Phillipsburg, N. J.
Central Stamping Co., 172 Fulton, New York
Fernald Mfg. Co. (Tea, Coffee), North East, Pa.
Kaiser Geo. J. (Tin Grocers), 194 Duane New York
Kronman E. (Tea, Coffee), 248 Lafayette, New York
Lalance & Grosjean Mfg. Co. (Tea, Coffee, Sugar, etc, Japanned), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
St. Louis Paper Can & Tube Corporation (Dry Products), St. Louis, Mo.
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1829— Canned Goods

NOTE—Firms listed under this heading are given at their main office only.

Marked thus * indicates fish
Marked thus b indicates berries
Marked thus f indicates fruit
Marked thus m indicates meat
Marked thus p indicates preserves
Marked thus v indicates vegetables
Articles not included in above categories are given in parentheses following the name.

vAcme Canning Co., Midway, Tenn.
mAcme Packing Co., 2226 S La Salle, Chicago, Ill.
vAcme Preserve Co. (Pork & Beans), Adrian, Mich.
vActon Products Co., Acton, Ind.
Adams Bertram, Oakland, Cal.
Adams Bros. & Sellers Co., Alvin, Tex.
Adams A. Jr. (Olives), Sunland, Cal.
vAdamstown Canning & Supply Co., Adamstown, Md.
*Addison Packing Co., Southwest Harbor, Me.
vAdell Canning Co., Adell, Wis.
vAdy S. J., Sharon, Md.
vAgee Canning Co., Baldwin Station, Va.
vAillo Bros. & Co., Highland, N. Y.
fAinsley J. C. Packing Co., Campbell, Cal.
*Ainsworth & Dunn, Seattle, Wash.
vAireys Packing Co., Aireys, Md.
fvAkin W. F., Galena, Mo.
Alabama-Georgia Syrup Co., Montgomery, Ala.
Alart & McGuire Co. (Pickles, Olives & Chili Sauce), 759 3rd av, Brooklyn, N. Y.
*Alaska Packers' Ass'n., Wells Fargo bldg, San Francisco, Cal.
*Alaska Portland Packers' Ass'n., Yeon bldg., Portland, Ore.
Alaska Salmon Co., 112 Market, San Francisco, Cal.
*Alaska Sanitary Packing Co., Seattle Wash.
vAlbany Canning Co., Albany, Wis.
fvbAlbermarle Pippin Products Corp., Charlottesville, Va.
Alexander Molasses Co., 614 W Austin av, Chicago, Ill.
vAlexandria Preserving Co., Alexandria, Ind.
Allen & Moore Canning Co., Blades, Del.
fbAllivine Co., Norma, N. J.
fvAlmeda Canning Co., Wellston, O.
Alpine Evaporated Cream Co. (Milk), Gonzales, Cal.
fvAlton Canning Co., Alton, Ind.
*Altoona Packing Co., Altoona, Wash.
vAmboy Products Co. (Hominy), Amboy, Ill.
vAmbrose J. T., Oakland, W. Va.
American Milk Co., 324 W Kinzie, Chicago, Ill.
American Olive Co., 1701 E Adams, Los Angeles, Cal.
*American Packing Co., Everett, Wash.
vAmerican Pickle & Canning Co. (Catsup, Olives, Pickles & Hominy), Wiggins, Miss.
Am. Syrup & Preserving Co. (Corn Syrup), Terminal Trks. & E. Union, St. Louis, Mo.
vAmes Canning Co., Ames, Iowa
vAmsterdam Canning Co., Amsterdam, Mo.
*Anacortes Fisheries Co., Seattle, Wash.
vAnderson Bros. Canning Co., Oskaloosa, Ia.
vAndrew C. A., Conowingo, Md.
vAndrews J. B. & Co., Hurlock, Md.
*vfAndrews Wm. P., Crapo, Md.
vAntigo Canning Co., Antigo, Wis.
*Apex Fish Co., Anacortes, Wash.
fAppalachian Corp., Tallulah Park, Ga.
bfvAppleby Bros., Fayetteville, Ark.
*vApplegarth C. L. Co., ft. of Webster, Baltimore, Md.
vArcadia Canning Wks., Arcadia, Ind.
vArcher C. S., Pylesville, Md.
vArcher J. W. & Son, Wilna, Md.
vArcher John, Magnolia, Md.
vfArkansas Orchard Planting Co., Highland, Ark.
Arkmo Packing Co., Decatur, Ark.
vArlington Canning Ass'n., Arlington, Minn.
mvArmour & Co. (Spaghetti), Dept. H, Union Stock Yards, Chicago, Ill.
bfvAssau W. F. Canning Co. (Pork & Beans), Boston cor Streeper, Baltimore, Md.
*Astoria & Puget Sound Canning Co., South Bellingham, Wash.
fvAtkinson P. W., Berkeley Springs, W. Va.
fvAtlanta Canning Co., Atlanta, N. Y.
vAtlantic Canning Co., Atlantic, Ia.
*Atlantic Canning Co., Eastport, Me.
vAtlantic Canning Co., Rehoboth Beach, Del.
*Atwood River Canning Co., Valona, Ga.
fvAuburn Canning Co., Auburn, Nebr.
vAudubon Canning Co., Audubon, Ia.
*bfvAughinbaugh Canning Co. (Hominy), Fort av & Lawrence, Baltimore, Md.
fmvAusting Canning Co. (Hominy), Austin, Ind.
Aviston Condensed Milk Co., Aviston, Ill.
vfbAyars Clinton B. Canning Co., Bridgeton, N. J.
B. & O. Milk Co., Carlyle, Ill.
vBadger Canning Co., Beaver Dam, Wis.
fvbBagley Canning Co., Talent, Ore.
vBailey J. Barnes, Forest Hill, Md.
vBaker C. O., Fincastle, Va.
vBaker C. W. & Sons, Aberdeen, Md.
vBaker G. Harold, Aberdeen, Md.
vBaker Henry & Co., Millsboro, Del.
vBaker J. A., East New Market, Md.
vbBaker W. S., Bridgeton, N. J.
fBaldwin H. N., Chestertown, Md.
*fvbBaltimore Canning Co., 110 E York, Baltimore, Md.
vBande Venter & Son, Dundee, Mich.
vfVanAlen Canning Corp. (Pork & Beans), Ogden, Utah
fBanner Fruit Co., Lankershim, Cal.
vBanner Packing Co., Lebanon, O.
fBanning Canning Co., Banning, Cal.
*Barataria Canning Co., Chartres & Mozant, New Orleans, La.
*Barbey H. J., 220 Front, Portland, Ore.
vBarkley A. Canning Co. (Hominy), Carlyle, Ill.
fvBarley W. P., Buchanan, Va.
*Barnes F. C. Co., Worcester bldg., Portland, Ore.
vfbBarnett J. A., Westminster, S. C.
vBarr J. E. Pickling & Preserving Co. (Pickles), St. Cloud, Minn.
pBarrett Fruit Kitchen, Newark, N. J.
vBarwise N. C. Packing Co., Denver, Colo.
vBass, Smith Co., Litwalton, Va.
fvBatavia Food Products Co., Batavia, N. Y.
vBates C. E. Co. (Chili Sauce), Blanchester, O.
vBates H. G. (Pork & Beans), Blanchester, O.
vBaugh, Batten & Baugh, Clarksville, O.
vBaugh C. L., New Vienna, O.
vBaxter Bros. Co., Brunswick, Me.
*vfBaxter H. C. & Brt., Brunswick, Me.

CANNED GOODS—continued

•Bay City Packing Co., Apalachicola, Fla.
fvBay John W. & Co., Stockley, Del.
bfvBay Side Canning Co., Alviso, Cal.
fvBeale M. E., Skowhegan, Me.
vBeamer & Wilhelm, Eagle Rock, Va.
vBear Creek Canning Co., Stoutland, Mo.
•mBeardsley's J. W. Sons, 690 Frelinghysen, Newark, N. J.
vBeaver Canning Co., Randolph, Wis.
vBechers Robt. L., El Paso, Ill.
vmBeechnut Packing Co. (Peanut Butter), Canajoharie, N. Y.
fvBel Air Packing Co., Bel Air, Md.
vBelgium Cannery, Belgium, Wis.
vBelle Plaine Canning Co., Belle Plaine, Ia.
•Bellingham Canning Co., Bellingham, Wash.
•Bennett G. W., Inverness, Md.
vBennett J. W., Auburn, Me.
vBennett Canning Co., Frankford, Del.
vbBerea Canning Co., Berea, Ky.
fbBerryville Canning Co., Berryville, Ark.
•pBest-Clymer Mfg. Co., Virginia & Davis, St. Louis, Mo.
vBethany Canning Co., Bethany, Mo.
fvbBeutel Pickling & Canning Co. (Pickles), Bay City, Mich.
vBig Four Canning Co., Stanley, Wis.
vBiger Leonard, Kenton, Del.
vBillings Canning Co., Billings, Mo.
•vBiloxi Canning Co. (Peanut Butter), Biloxi, Miss.
vBiser G. W. & Co., Berkeley Springs, W. Va.
bpvBishop & Co. (Soups), 1449 E 7th, Los Angeles, Cal.
•vBishop-Gifford Co., Inc., Baldwin, Long Island, N. Y.
bvfBlack & Gay, Canners, Inc., Thomaston, Me.
vBlackiston Canning Co., Clayton, Del.
•Blanchard Mfg. & Canning Co., Eastport, Me.
Blair Canning Co., Blair, Neb.
vBloomington Canning Co. (Hominy), Bloomington, Ill.
•vBlue Diamond Canning Co., Portland, Me.
v•Blundon & Hinton, Reedville, Va.
vBodt W. A., Churchville, Md.
vBois D'Arc Canning Co., Bois D'Arc, Mo.
vBoitnott C. C. & Sons, Naffs, Va.
vfBolton F. D., Fincastle, Va.
vBolton H. L., Troutville, Va.
•Booth Fisheries Co., Astoria, Ore.
bfvBooth Packing Co., ft. of Wolfe, Baltimore, Md.
vBoothby & Tucker, Portland, Me.
vBooze G. C., Springwood, Va.
•Boston Food Products Co. (Pork & Beans), 16 New, Boston, Mass.
fvbBounds G. A. & Co., Hebron, Md.
vBonvallets P. A. Sons, Wichert, Ill.
fvBower F. C., Troutville, Va.
vBower Lee & Son, Troutville, Va.
•fbvBoyer W. W. & Co., 2327 Boston, Baltimore, Md.
•bfpvBoyle J. & Co. (Hominy), Wolfe & Thames, Baltimore, Md.
vBozman C. W. & Son, Eden, Md.
vBradford Geo. W. W., Bel Air, Md.
vBradley Chas. S., Preston, Md.
vBraithwaite Bros., Cross Junction, Va.
vBrakeley A., Bordentown, N. J.
vBrakeley J., Freehold, N. J.
vBramble James A., Joppa, Md.
vBramble T. M. & Co., Cambridge, Md.
fvBrandsville Canning & Preserving Co. (Pickles), Brandsville, Mo.
vBreeding W. R. & Son, Federalsburg, Md.
v•Breslauer-Lachicotte & Co. (Pickles), Waverly Mills, S. C.
vBrewbaker J. C., Buchanan, Va.
fvbBridalveil Canning Co., Ronda, N. C.
Bridgeton Condensed Milk Co., Bridgeton, N. J.
vbBrigham City Canning Co., Brigham, Utah
vBrisentine Bros., Prospect, Va.
Bristol Bay Packing Co. (Salmon), 112 Market, San Francisco, Cal.
•Brooks Packing Co., Tillamook, Ore.
vBrooks Tomato Products Co., Collinsville, Ill.
•Brown E. W. Co., South Portland, Me.
fBrown Fig Co., Beaumont, Tex.
pvBrownsville Canning Co., Forest Grove, Ore.
fvBrugh R., Nace, Va.
vBuckeye Canning Co., Continental, O.
vBuckeystown Packing Co., Buckeystown, Md.
fvBuhrman J. B. & Son, Gala, Va.
vBulls Gap Canning Co., Bulls Gap, Tenn.
vBunker Hill Canning Co., Bunker Hill, Ind.
•vBurgin Packing Co., Cincinnati, O.
vBurkettsville Canning Co., Burkettsville, O.
vBurkholder I. C. & Son, Buchanan, Va.
vBurkley Geo. F., Belcamp, Md.
vBurlington Vinegar & Pickle Wks. (Pickles & Olives), Burlington, Ia.
fBurnett Canning Co., Burnett, Ind.
•Burnham E. S. Co., 61 Gansevoort, New York
•bmBurnham & Morrill Co., Portland, Me.
vBurton T. & Son, Millsboro, Del.
vButt Jos. A., 1111 N B'way, Baltimore, Md.
vButter County Canning Co., Monroe, O.
vButterfield Canning Co., Muncie, Ind.
vByrne & Kincanon, Lowry, Va.
fvCal. Packing Corp. ("Del Monte"), 101 California, San Francisco, Cal.
fvCalifornia Canneries Co., 600 Minnesota, San Francisco, Cal.
fpvCalifornia Fruit Canners' Assn, 101 California, San Francisco, Cal.
California Ripe Olive Co., 24 California, San Francisco, Cal.
vCalima Canning Co., 724 S Spring, Los Angeles, Cal.
vCambria Canning Co., Cambria, Wis.
vCambridge Packing Co., Cambridge, Ia.
vCamden Canning Co., Camden, O.
vCamden Packing Co., Camden, N. Y.
Campbell J. Co. (Soups, Pork & Beans), Camden, N. J.
vCampbellsville Canning Co., Campbellsville, Ky.
vCanandaigua Kraut Co., Canandaigua, N. Y.
vCanastota Canning Co., Canastota, N. Y.
vCannon Falls Canning Co., Cannon Falls, Minn.
bfvCannon H. P. & Son, Bridgeville, Del.
vCanton Canning Co. (Olives), Canton, O.
•pvCape Code Specialty Co., North Truro, Mass.
•Carlisle Packing Co., Seattle, Wash.
•fvCarll Bros., Waterboro, Me.
vCarll Canning Co., Augusta, Me.
Carnation Milk Products Co., Seattle, Wash.
fCarpenter J. C. Fig Co., Houston, Tex.
vCarpp S. M., Hartford, Mich.
vCarr M. M., Aberdeen, Md.
vCarroll Bros., Havre De Grace, Md.
vCarter B. L., Stone Mountain, Va.
vCarver J. C. & Co., Marumsco, Md.
•Cascade Packing Co., Anacortes, Wash.
fvCase Canning Co., Marshfield, Mo.
vCayuga Packing & Mfg. Co., Cayuga, Ind.
vCazenovia Canning Co., Cazenovia, N. Y.
vCedarburg Canning Co., Cedarburg, Wis.
vCedar Falls Canning Co., Cedar Falls, Ia.
vfCedar Glenn Canning Co., Bedford, Va.
vCedar Rapids Canning Co., Cedar Rapids, Ia.
vCenter Point Canning Co., Center Point, Ia.
fvbCentral California Canneries, 1 Drumm, San Francisco, Cal.
vfCentral Lake Canning Co., Central Lake, Mich.
vCentral States Canning Co., Indianapolis, Ind.
vCereal Food Co. (Hominy), Peoria, Ill.
bvChampion Thomas E., Normal, Ill.
vChance's R. C. Sons (Pickles), 122 Pine, Phila., Pa.
vChandlee Ira W., Slab, Pa.
vChandler & Ballard Co., Exmore, Va.
vfCharleston Canning Co., Charleston, Tenn.
vChatfield Canning Co., Chatfield, Minn.
vCherry Creek Canning Co., Cherry, N. Y.
v•Chesapeake Packing Co., Sherwood, Md.
vCheswold Canning Co., Aberdeen, Md.
vChilton Canning Co., Chilton, Wis.
•Chinook Packing Co., Chinook, Wash.
vChippewa Falls Canning Co., Chippewa Falls, Wis.
vChrisney Canning Co., Chrisney, Ind.
vCifax Packing Co., Cifax, Va.
vCitizens' Canning Co., Spiceland, Ind.
•Clark-Graham Co., Tacoma, Wash.
•Clark L. D. & Son, Eastport, Me.
vfpbClark W. N. Co., Rochester, N. Y
fvbClaybrook-Neale Packing Co., Bowlers Wharf, Va.
vClayton Canning Co., Clayton, Del.
vClayton J. M. & Co., Hoopersville, Md.
vCleveland Canning Co., Cleveland, Wis.
fvClift G. W., Marshfield, Mo.
vfClinton Canning Co., Rome, N. Y.
vClyde Kraut Co., Clyde, O.
•Coast Fish Co., Anacortes, Wash.
•Coast Fishing Co., Los Angeles, Cal
vfbCobb Preserving Co., Fairport, N. Y.
vCodorus Canning Co., Codorus, Pa.
vCohasset Canning Co., Cohasset, Va.
vbCohocton Canning Co., Cohocton, N. Y.
vCokato Canning Co., Cokato, Minn.
vCollins John & Co., American Corners, Md.
vColora Canning Co., Aberdeen, Md.
Colorado Condensed Milk Co., Fort Lupton, Colo.
vColt & Dickson Packing Co., Frederick, Md.
vColter A. W. Canning Co., Mount Washington, O.
vColumbia Canning Co., Columbia, Tenn.
vColumbia Conserve Co. (Soups, Apple Butter, Mince Meat & Chili Sauce), Indianapolis, Ind.
fbvColumbia River Canning & Produce Co., St. Helens, Ore.
•Columbia River Packers' Ass'n, Astoria, Ore.
•Columbian Canning Co., Lubec, Me.
vColumbus Canning Co., Columbus, Wis.
Continental Condensed Milk Co., Mill Hall, Pa.
vCool Spring Canning Co., Cool Spring, Del.
vCooper John S. & Co., Columbia, Del.
vCoulbourne & Parsons, Marion Station, Md.
v•fbCourtney W. J., Mundy Point, Va.
vCraft Bros., Springwood, Va.
vCraig Wm. Canning Co., Ogden, Utah
fCramer W. F., Gasport, N. Y.
vCrampton I. E. & Son Canning Co., Celina, O.
vCrary C. S. Co., Streator, Ill.
Cremo Milk Co., Valley Ford, Cal.
vbfCreswell Fruit & Vegetable Growers' Ass'n, Creswell, Ore.
vCronise Bros., Nace, Va.
vCrossroads Canning Co., Berkeley Springs, W. Va.
vCrothersville Canning Co. (Hominy), Seymour, Ind.
fvCrulkshank Bros. Co. (Olives & Pickles), Island & Preble avs, Pittsburgh, Pa.
fvCrystal Spring Canning Co., Dixon, Mo.
mvCudahy Packing Co., 111 W Monroe, Chicago, Ill.
vCummins Canning Co., Conneaut, O.
fvCurrie Canning Co., Grand Junction, Colo.
vfmpbCurtice Bros. Co. (Soups & Plum Pudding), Rochester, N. Y.
Curtis Corp. (Olives), Long Beach, Cal.
vfDaggett E. P. Canning Co., Coopersville, Mich.
mfvDailey-Udell Co., Brockport, N. Y.
Dalby H. L. (Olives), San Bernardino, Cal.
vDaleville Canning Co., Daleville, Ind.
vDalrymple H. L., Marshfield, Mo.
•vDameron W. A. & Bro., Weems, Va.
vfbDana Canned Goods Co., Belpre, O.
vDaniel G. W., Amburg, Va.
vDanville Canning Co., Danville, Ind.
Darlingtons' M. Sons (Milk), Pomeroy, Pa.
fvDarting & McGavren, Glenwood, Ia.
fvDavies Edgar W., Leesburg, N. J.
vfbDavies K. M. Co., Williamson, N. Y.
vfDavis O L., Park Rapids, Minn.
vDavis & Lippincott, Woodstown, N. J.
vfDearborn Canning Co., Dearborn, Mo.
vDeal Island Packing Co., Deal Island, Md.
vDebo & McLain Canning Co., Goodview, Va.
vDe Graff Canning Co., De Graff, O.
fvDeisher J. S., Fincastle, Va.
vDe Long G. T., Lithia, Va.
fvDemeritt Co., Waterbury, Vt.
Denmark Condensed Milk Co., Denmark, Wis.
fvDenmire L. E., Montrose, Ia.
vDennis J. T., Preston, Md.
vDenton Mfg. Co., Denton, Md.
Detroit Creamery Co. (Milk), Grand River, Detroit, Mich.
fvDevilbiss G. W., Stewartstown, Pa.
vDexter Farming Canning Co., Dexter, Ia.
fvbDiament J. E. Co., Cedarville, N. J.
pDickinson Co., Oswego, Ore.
vDickinson & Co., Eureka, Ill.
fvDi Fiore D. Canning Co., San Jose, Cal.
fvDingley E. S. Co., West Farmington, Me.
•bDirigo Packing Co., Machias, Me.
vDolby S. W., Jr., Whitehaven, Md.
vDolby W. H., Whitehaven, Md.
vDover Packing Co., Dover, Ky.
vDow Bros. & Horne Co., East Dover, Me.
vDownham John & Son, Wyoming, Del.
vDoyle John T. Co., New Haven, Conn.
vDraper Canneries Co., Salt Lake City, Utah
vDraper Canning Co., Milton, Del.
vDraper G. H., Milford, Del.
bfvDraper & Hirsch, Milford, Del.
vDraper & Slaughter, Denton, Md.
vDrenthe-Hamilton Canning Co., Hamilton, Mich.
fvDuffy L. B., Haymakertown, Va.
vfDugwell Packing Co., Rocky Mount, Va.
fvbDulany J. H., Fruitland, Md.
•fDunbar-Dukate Co., Blanche bldg, New Orleans, La.
fvDundee Canning & Preserving Co., Dundee, Mich.
vDurant Bros., Clarkston, Wash.
fvDustan F. W., Clarkston, Wash.
vDutch Canning & Pickling Co., Cedar Grove, Wis.
mvDyer Packing Co. (Pork & Beans), Vincennes, Ind.
fvEagle Valley Cannery Co., New Bridge, Ore.
vEarly W. C., Munford, Va.
vfEast Pembroke Canning Co., East Pembroke, N. Y.
bfvEast Side Canning Co., 220 N av 19, Los Angeles, Cal.
vfEastman Co., Fryeburg, Me.
vEastman J. N. & Co., Casco, Me.
vEaston Packing Co., Easton, Md.
vfEavey Packing Co., Xenia, O.
vEdgar Canning Co. (Pickles), Edgar, Nebr.
vfbEdgett-Burnham Co. (Pork & Beans), Newark, N. Y.
vfbEgypt Canning Co., Fairport, N. Y.
Ehmann Olive Co., Oroville, Cal.
vElba Products Co., Batavia, N. Y.
vEldorado Packing Co., Eldorado, Md.
vElgin Canning Co., Elgin, Ia.
vElgin Packing Co., Elgin, Ill.
fvbElkin Canning Co., Elkin, N. C.
vElliott D. J. & Son, Salisbury, Md.
vbElliis Canning Co., Brant, N. Y.
fvEllsworth & Filley (Pickles), Windsor, Conn.
•Elmore Packing Co., Astoria, Ore.
vElnora Packing Co., Elnora, Ind.
vElsey Canning Co., Elsey, Mo.
vElsner G. W., Aberdeen, Md.
vfbElyria Canning Co. (Hominy), Elyria, O.
Emmart Packing Co. (Hominy), 5425 S State, Chicago, Ill.
vEmpire State Canning Co., Rome, N. Y.
vEmpire State Pickling Co. (Pickles), Phelps, N. Y.
vEmpson Packing Co. (Hominy), Longmont, Colo.
vEnglish Canning & Mfg. Co., English, Ind.
vEphraim Sanitary Canning Co., Ephraim, Utah
vEsmeraldo Canning Co., Circleville, O.
bfvEssex Packing Co., Tappahannock, Va.
vEubank Canning Co., Eubank, Ky.
•Eubank Tankard Co., Kilmarnock, Va.
pvEugene Fruit Growers' Ass'n (Pickles), Eugene, Ore.
fEvans A. J. Canning Co., Fort Valley, Ga.
vEvansville Canning Co., Evansville, Wis.

vEveland G. H., Miamiville, O.
*Everett Packing Co., Everett, Wash.
vFairdale Canning Co., Bridgeton, N. J.
vFair Play Canning Co., Fair Play, Mo.
Fairoaks Fruit Co. (Olives), Fairoaks, Cal.
vbFairton Canning Co., Fairton, N. J.
vfFairview Cannery, Lockport, N. Y.
vFairwater Canning Co., Markesan, Wis.
bfvFallas Edwin Canning Co., Lowell, Mich.
vFall Creek Canneries Pendleton, Ind.
vbFallin T. H., Coan, Va.
vFall River Canning Co., Fall River, Wis.
vFaribault Canning Co., Faribault, Minn.
vFarmers' Canning Co., Dunreith, Ind.
vFarmers' Canning Co., Mt. Carmel, Ill.
vFarmers' Canning Co., Red Lion, Pa.
*vFarnsworth Packing Co., Brooklin, Me.
vFayette Canning Co., Fayette, O.
vFayette Canning Co., Washington C. H. O.
fvbFayetteville Canning Co., Fayetteville, Ark.
Federal Packing Co. (Condensed Milk), Enosburg Falls, Vt.
vFeeser A. W. & Co., Silver Run, Md.
bvFelton Packing & Mfg. Co., Felton, Del.
*fvFenderson W. N., Chebeague Island, Me.
vFerguson Henry, Elwood, Ind.
vFernald, Keene & True Co., West Poland, Me.
vpFerndale Canning Co., Ferndale, Wash.
vFerrell M. F. & Son, Haymakertown, Va.
*Fidalgo Island Packing Co., Anacortes, Wash.
vFilice & Perrelli Canning Co., Gilroy, Cal.
vFinley Canning & Mfg. Co., Ozark, Mo.
vFinney Wm. W., Bel Air, Md.
vFirebaugh D. W., Fincastle, Va.
vFirebaugh W. H., Troutville, Va.
vFishers Canning Co., Fishers, Ind.
vFizer W. E., Bedford, Va.
bpvfFlaccus E. C. Co. (Olives), Wheeling, W. Va.
bfvFleming & Co., S. W. Cor. Cross & Race, Baltimore, Md.
vFleshman H. P., Troutville, Va.
fvFlickinger J. H. Co., San Jose, Cal.
fvFlint Hollow Canning Co., Seymour, Mo.
vFlippo H. O., Buchanan, Va.
vfFlora G. B. & Sons, Wirtz, Va.
fvFlushing Canning Co., Flushing, Mich.
vFoard S. B., Rocks, Md.
mFoell Supply Co., 331 W 22nd pl, Chicago, Ill.
vFogg & Hires Co., Salem, N. J.
vFoidel S., Knoxville, Ia.
b*fvFoote D. E. A. Co., 2023 Aliceanna, Baltimore, Md.
fvFord Bros., Syracuse, N. Y.
vFord W. B., Van Bibber, Md.
vFordland Canning & Packing Co., Fordland, Mo.
*fvForhan H. L., Portland, Me.
vFort Atkinson Canning Co., Fort Atkinson, Wis.
fvbFort Bragg Growers' Assn., Fort Bragg, Cal.
vFortner S. A., Smyrna, Del.
Fort Scott Sorghum Syrup Co. (Honey, Molasses & Syrup), Fort Scott, Kans.
vfpbFort Stanwix Canning Co., Rome, N. Y.
vFortville Canning Co., Fortville, Ind.
f*Foster, Fountain & Co., Biloxi, Miss.
fvFowler Canning & Mfg. Co., Fowler, Colo.
vFox Lake Canning Co., Fox Lake, Wis.
vFralin J. L., Blue Ridge Springs, Va.
mFranco-American Food Co. (Soups & Plum Pudding), Franklin, Jersey City, N. J.
vFranklinville Canning Co., Franklinville, N. Y.
vFranks Canning Co., Franks, Mo.
vFrankton Canning Co., Frankton, Ind.
vFrazier Packing Co., Elwood, Ind.
vFrederick City Packing Co., Frederick, Md.
vFredonia Canning Co., Fredonia, Wis.
fvbFredonia Preserving Co., Fredonia, N. Y.
Frei Pickle Works, E 8th, Portland, Ore.
fvpbFremont Canning Co., Fremont, Mich.
vFremont Kraut Co., Fremont, O.
vFrench James F., Brookston, Ind.
*Frenchmens Bay Packing Co., South Gouldsboro, Me.
fvFriday Bros. Canning Co., Coloma, Mich.
*Friday Harbor Packing Co., Friday Harbor, Wash.
vfFringer C. F., Lithia, Va.
fvFruit Belt Preserving Co., East Williamson, N. Y.
vfbFruit Farm Preserving Co., Cedarville, N. J.
vfFuller Canneries Co., Rockefeller bldg, Cleveland, O.
vFuller E. H., Stanton, Ky.
vGarey & Co., Denton, Md.
*vfbGarner Bros., Lewisetta, Va.
vfpGarrahan Canning Co., Luzerne, Pa.
vGaston Canning Co., Gaston, Ind.
Gebhardt Chili Powder Co., San Antonio, Tex.
vGedney M. A. Co. (Pickles), Minneapolis, Minn.
pGeneseo Canning Co. (Pickles), Geneseo, N. Y.
vGeneva Canning Co., Geneva, O.
vfbGeneva Preserving Co., Geneva, N. Y.
vfGentz A. G., Linebcro, Md.
*George J. R. & Bro., Irvington, Va.
*George & Barker Salmon Packing Co., Point Roberts, Wash.
Georgia Syrup Co. (Syrups), Atlanta, Ga.
vGhent Canning Co., Ghent, Ky.
vf*bGibbs Preserving Co. (Olives & Hominy), 2301 Boston, Baltimore, Md.
mvGibson Canning Co., Gibson City, Ill.
Gifford C. M. & Son (Olives), San Diego, Cal.
vGilman Canning Co., Gilman, Ia.
vGiliaspie J. W., Bedford, Va.
vGillett Chas. A., Auburn Junction, Ind.
vGillett Canning Co., Gillett, Wis.
vGillis & Dashiell, Quantico, Md.
fvGirard Canning Co., North Girard, Pa.
vGirdletree Packing Co., Girdletree, Md.
vGivens G. O., Buchanan, Va.
fvGladys Canning Co., Gladys, Va.
pGlaser Crandell Co. (Olives & Pickles), 2006 S Western av, Chicago, Ill.
vGlasgow Canning Co., Glasgow, Mo.
vGlenn Canning Co., Prospect, Va.
*Globe Canning Co., Eastport, Me.
vGlove Creek Canning Co., Montvale, Va.
Glynn Canning Co. (Mince Meat), Brunswick, Ga.
bfvGodfrey Packing Co. (Pickles), Benton Harbor, Mich.
vmGoetjen & Workman, 906 Webster, San Francisco, Cal.
fGolden Gate Packing Co., San Jose, Cal.
vGolden State Asparagus Co., 16 California, San Francisco, Cal.
fvGolden State Canning Co., Ontario, Cal.
Goodard Packing Co., Ogden, Utah
vfbGoode Canning Co., Henry, Va.
vGoode R. L., Buchanan, Va.
pGoodwin Preserving Co. (Mince Meat & Apple Butter), Louisville, Ky.
vGoodwin L. B., Olaf, Va.
vGorrell H. E., Bel Air, Md.
Goshen Milk Condensing Co., Goshen, Ind.
vGrafton R. E., Forest Hill, Md.
vGrand River Canning Co., Markesan, Wis.
pvfGrant Canning Co., Grant, Mich.
vGreat Western Canning Co. (Hominy), Delphi, Ind.
fvbGrebb L., Key Highway & Lawrence, Baltimore, Md.
bfvGrecht W. Co., 1330 S. Sharp, Baltimore, Md.
vGreco Canning Co. (Olives), San Jose, Cal.
vGreen Bay Canning Co., Green Bay, Wis.
vGreen Bros., Ball Ground, Ga.
fvGreen Mountain Packing Co., Portland, Me.
vfGreenbaum Bros., Seaford, Del.
fvGreentown Canning, Ice & Mfg. Co., Greentown, Ind.
fvGregory Fruit Co., Colton, Cal.
vbGresham Fruit Growers' Ass'n, Gresham, Ore.
vGriffith W. F. & Bro., Emmerton, Va.
fvbGriffin & Skelley Co., 16 California, San Francisco, Cal.
vGrimes Canning & Preserving Co. (Hominy), Grimes, Ia.
vGrinels M. P., Bushy, Va.
vGrinnell Canning Co., Grinnell, Ia.
Grogan Chas. P. (Olives), 1744 Albion, Los Angeles, Cal.
vGrowers' Canning Co., Council Bluffs, Ia.
*Gulf Packing Co., Biloxi, Miss.
vGunther F. W. Co., Racine, Wis.
vGuttenberg Canning Co., Guttenberg, Ia.
*Gwynn Island Fish & Oyster Co., Grimstead, Va.
vfGypsum Canning Co., Port Clinton, O.
*Haaker W. Co., 182 Franklin, New York
vHackett L. K. & Co., Finchville, Md.
vbHagelskamp Bros. & Haverkamp, Indianapolis, Ind.
*Halfhill Tuna Packing Co., 215 W 6th, Los Angeles, Cal.
vHall & Whittington, Marion Station, Md.
vHalltown Canning Co., Halltown, Mo.
vfHamburg Canning Co., Hamburg, N. Y.
vHamersville Canning Co., Hamersville, O.
vHampton-Kelley Canning Co., Hampton, Ia.
vbHancock Flora L., Salem, N. J.
vHannabass R. L., Goodview, Va.
vHanson & Lantz, Edgewood, Md.
Harbauer Co. (Pickles & Catsup), Toledo, O.
Hardaway-Cargill Co. (Syrups), Columbus, Ga.
vHardcastle Mrs. K. N. Co. (Plum Pudding & Pickles), Denton, Md.
fvHarrington B. E. & Sons, Taylors Island, Md.
vHarrington Canning Co., Harrington, Del.
vHarris J. P., Preston, Md.
*Harris P. E. & Co., Seattle, Wash.
vHarshfield Fred., Shepherdsville, Ky.
vHartford Canning Co., Hartford, Wis.
bvHartiove Packing Co. (Hominy), 14 N Schroeder, Baltimore, Md.
vHarum David Canning Co., Homer, N. Y.
vHarward C. F., Halls, Tenn.
vfpbHaserot Francis H. Co., 527 Woodland, S. E., Cleveland, O.
bfvHastings Packing Co., Laurel, Del.
vHaviland L. P., Camden, N. Y.
vHazel Hill Canning Co., Fredericksburg, Va.
vHayner J. M. & Co., South Lebanon, O.
vHeck A. B., Buchanan, Va.
Heinz H. J. Co. (Pickles & Catsup), 1062 Main N S, Pittsburgh, Pa.
Helvetia Milk Condensing Co., Highland, Ill.
fbvHemet Canning Co., Hemet, Cal.
vfbHemingway H. C. & Co., Syracuse, N. Y.
vHenderson Canning Co., Aberdeen, Md.
Henning, F. W. (Pickles, Kraut, Olives & Vinegar & Mustard), 1260 W. Division, Chicago, Ill.
vHenry Bros., Poage's Mill, Va.
vHerfort F. Canning Co., Baraboo, Wis.
*fHerman M. S. & Bros., Savannah, Ga.
fvHershey P. H., Spring Grove, Pa.
Heyl Bros. Co. (Molasses & Syrups), 101 S. Front, Phila., Pa.
vHickmott R. Canning Co., 320 California, San Francisco, Cal.
vHighland Cherry Farm Co., Clyde, O.
Highland Milk Condensing Co., Elkland, Pa.
fvbHighland Orchards Co., Highland, N. Y.
vHild Canning Co., Pierre, S. D.
Hillsboro Condensed Milk Co., Hillsboro, Wis.
*Hillside Canning Co., Port Townsend, Wash.
pHilltop Pure Food Co. Ltd. (Honey), Pittsburgh, Pa.
vHilton J. D., Fincastle, Va.
vHiram Co-operative Canning Ass'n, Hiram, Me.
Hires Condensed Milk Co., Drexel bldg., Phila., Pa.
vHirsch Bros. Co. (Pickles, Olives & Catsup), 105 Ferry, Pittsburgh, Pa.
Hirsch Bros. & Co. (Pickles), Louisville, Ky.
fvHirsch D. & Bro., Milford, Del.
fvHitchock L., Eagle Harbor, N. Y.
vfHobbs Mfg. Co., Denton, Md.
*Hoegg D. W. Co., Portland, Me.
vHoffecker Bros. & Hall Co., Smyrna, Del.
vHoffecker J. H. Canning Co., Smyrna, Del.
vHohenadel P. Jr. & Co., Byron, Ill.
vHohenadel P., Jr., Co., Spring Brook, Janesville, Wis.
bfvHolland Canning Co., Holland, Mich.
Holly Condensed Milk Co., Amity, Ore.
vHolmen Canning Co., Holmen, Wis.
*Holmes Co., Robbinston, Me.
*Holmes E. A. Packing Co., Eastport, Me.
*Holmes M. C. Canning Co., Eastport, Me.
vHolsinger Paul & Son, Downs, Md.
vHome Canning Co., Kempton, Ind.
fvHome Canning Co., Blissfield, Mich.
fvHoney Creek Canning Co., Aurora, Mo.
vHood Canning Wks., Portland, Ind.
fHooke Geo. H., 203 California, San Francisco, Cal.
*Hoonah Packing Co., Port Townsend, Wash.
vHoopeston Canning Co., Hoopeston, Ill.
vHope Canning Co., Hope, Ind.
vHopewell Valley Canning Co., Hopewell, N. J.
vHopkins Jonathan L., Vernon, Del.
*Hoquiam Packing Co., Hoquiam, Wash.
fvHoughland Bros. Canning Co. (Hominy), Underwood, Ind.
fHouser W. L. Canning Co., Fort Valley, Ga.
vHousman C. S., Troutville, Pa.
mHouston Packing Co., Houston, Tex.
vHubbard F. F., Canastota, N. Y.
vHubbard James Co., Ottoman, Va.
vHubbard O. W., East New Market, Md.
vHubbard W. J., Teagues, Mo.
vHuddleston Canning Co., Thaxton, Va.
fvHudson C. F. & Son, Rocky Mount, Va.
fvbHudson & Co., Holley, N. Y.
pHuffman W. D. Co. (Pickles & Olives), W St. Clair & Big Four, Indianapolis, Ind.
vHufford & Harding, South Lebanon, O.
vHumbert C. S., Troutville, Va.
pvHumbert & Andrews, 646 Dean, Brooklyn, N. Y.
xfHume, G. W. Co., 112 Market, San Francisco, Cal.
fvHunt Bros. Co., San Francisco, Cal.
*Hunt Packing Co., Beaufort, S. C.
fvbHurley J. W., Urbanna, Va.
vHurlock C. S., Massey, Md.
vHuron Canning Co., Port Austin, Mich.
vHurt R. D., Salem, Va.
vHustisford Canning Co., Hustisford, Wis.
fHyde Geo. E. & Co., Campbell, Cal.
fHymera Canning Co., Hymera, Ind.
vfIberia Canning Co., Iberia, Mo.
vIda Canning Co., Ida, Mich.
fIdaho Canning Co., Payette, Idaho
fvIkenberry Bros., Daleville, Va.
fvIkenberry H. C. & Co., Cloverdale, Va.
vIllinois Canning Co., Hoopeston, Ill.
Illinois Condensed Milk Co., White Hall, Ill.
vIndependence Canning Corp., Independence, Ia.
vInderrieden Canning Co., 336 River, Chicago, Ill.
fvIndiana Canning Co., Evansville, Ind.
Indiana Condensed Milk Co., Sheridan, Ind.
fvIngersoll J. H. & Co., Exeter, N. H.
vInsley G. C., Lakesville, Md.
vInsley & Mitchell, Salisbury, Md.
vIowa Canning Co., Vinton, Ia.
vIowa City Canning Co., Iowa City, Ia.
vIowa Valley Canning Co., Marengo, Ia.
vIron Ridge Canning Co., Iron Ridge, Wis.
vIroquois Canning Co., Onarga, Ill.
*Irving Canning Co., La Conner, Wash.
*Irvington Packing Co., Irvington, Va.
vJackson J. A., Goldsboro, Md.
fvJames J. T., Roanoke, Va.
vJamestown Canning Co., Jamestown, Ind.
vbJarboe E. R. Canning Co., Mechanicsville, Md.
vJarrell R. & Son, Marydel, Md.
vJarrell R. & Sons, Goldsboro, Md.
vJeffersonville Canning Co. (Hominy), Jeffersonville, Ind.
Jelke John F. Co. (Milk), 759 S Washtenaw av, Chicago, Ill.
vJersey Albert, Belcamp, Md.
vJohannes H. J. Pickling Co., Clintonville, Wis.
vJohnson Grafton, Greenwood, Ind.
vJones E. T., Pittsville, Md.
*Joullian E. C. Packing Co., Lake Shore, Miss.
vJourdan C. R. & Son, Darlington, Md.
Kahoka Evaporated Milk Co., Kahoka, Mo.

CANNED GOODS—continued

fvKale Canning Co., Everson, Wash.
Kalmath River Packers Assn., Requa, Cal.
*fbKane H. S., Brooklin, Me.
vKarnes Bros., Buchanan, Va.
vKauffmann F. A. Mfg. Co., 106 S 2d, St. Louis, Mo.
vfKaysville Canning Corp., Kaysville, Utah
vKeene-Belvidere Canning Co. (Pickles), Belvidere, Ill.
vKeene Canning Co., Freeport, Ill.
fvKeene R. A. & Son, Poland, Me.
vKelley Canning Co., Waverly, Ia.
fvKelty S. L., Quinton, N. J.
*Kendall & Little, Copalis, Wash.
*Kennedy Packing Co., Biloxi, Miss.
vKennard Canning Co., Kennard, Ind.
mKennel Food Supply Co., Fairfield, Conn.
vKenyon Canning Co., Kenyon, Minn.
vKeokuk Canning Co. (Pickles), Keokuk, Ia.
vKesler P. W., Roanoke, Va.
vfKessler F. M. & Son, Buchanan, Va.
vKessler, J., Butler, Md.
vKey City Packing Co., Port Townsend, Wash.
Kidd Mrs. E. G., Inc. (Pickles), Richmond, Va.
vKimble G. A. & Bro., Abingdon, Md.
fvKing W. P. & Son, Peach Bottom, Pa.
mKingan & Co. Ltd., W Maryland & Blackford, Indianapolis, Ind.
fKings County Packing Co., Armona, Cal.
fvKinzie T. D., Troutville, Va.
vKirby Canning Co., Trappe, Md.
vKirby & Gallop, Oxford, Md.
vKirwan J. E. Co., Atlantic Wharf, Baltimore, Md.
vKlindt, Geiger Canning Co., Cassville Wis.
vKnight Packing Co. (Pickles & Olives), 474 E. Alder, Portland, Ore.
vKnightstown Conserve Co., Knightstown, Ind.
vKnobview Canning Co., Knobview, Mo.
vfKnowles-Lombard Co., Guilford, Conn.
vfKopf Bros. Co., New Haven, Conn.
vKrier Preserving Co., Belgium, Wis.
vKroh C. Irving, Silver Run, Md.
Kubias J. C. (Olives), Redlands, Cal.
vKurtz A. E., Forest Hill, Md.
*Kurtz W. W., Moclips, Wash.
vKusske H. P., Mayer, Minn.
*Kyle W. & Sons Co., Florence, Ore.
vfLackland L. C. & Sons, Lithia, Va.
vLa Crescent Canning Co., La Crescent, Minn.
vLadoga Canning Co., Ladoga, Ind.
vLake County Canning Co., Ukiah, Cal.
fvLake Lily Canning Co., Mountain Grove, Mo.
vLake Mills Canning Co., Lake Mills, Ia.
Lake Odessa Milk Co., Lake Odessa, Mich.
vLake Shore Canning Co., Sheboygan, Wis.
vLanark Canning Co., Lanark, Ill.
vLanesboro Canning Co. (Pork & Beans), Lanesboro, Minn.
fvLang Canning & Preserving Co., Beatrice, Nebr.
vLange Canning Co., Eau Claire, Wis.
*bfvLangrall J. & Bro., 2105 Aliceanna, Baltimore, Md.
vfbLaning Geo. D., Bridgeton, N. J.
fvbLaning W. & Son Co., Bridgeton, N. J.
vfLansdale Pure Food Co. (Catsup), 1229 Germantown av, Phila., Pa.
vLansdowne, J. T., Stone Mountain, Va.
vLapel Canning Co., Lapel, Ind.
vLa Porte Canning Co., La Porte, Ind.
Larimer County Co-operative Milk Condensing Co., Loveland, Colo.
vLarsen Wm. Canning Co., Green Bay, Wis.
vLatane & Watson, Murford, Va.
*Latimer & Lawrence Packing Co., Biloxi, Miss.
bfvLaurel Canning Co., Laurel, Del.
*Lawler Allen J., Southwest Harbor, Me.
*Lawrence Canning Co., Rockland, Me.
*vLawry E. H., Lawry, Me.
vfLayman Bros. Co., Daleville, Va.
fvLayman C. A., Troutville, Va.
fvLayman J. W., Troutville, Va.
fvLayman Wm. F., Roanoke, Va.
vLeasburg Canning Co., Leasburg, Mo.
vLednum J. F., Preston, Md.
vLednum R. I. & Co., Pocomoke City, Md.
fvLee Canning Co., Hamilton, N. Y.
vLee Chester A., Easton, Md.
vLeeds Packing Co., Easton, Md.
vLeesburg Canning Co., Leesburg, O.
vLehi Canning Co., Lehi, Utah
vLeisure Packing Co., Elwood, Ind.
fLeland Fruit & Packing Co., Leland, Wash.
vLe Roy Canning Co., Le Roy, N. Y.
vLewes Packing Co., Lewes, Del.
vf*bLewis Canning Co., Westport, Cal.
fvLewis County Canning Ass'n, Chehalis, Wash.
vLewis F. C., Hopkins, Va.
vLewisville Canning Co., Lewisville, Ind.
bfmpLibby-McNeill & Libby (Pickles & Olives), 300 W S Water, Chicago, Ill.
vLiberty Brand Canning Co., Dover, Del.
vLiddell G. J., Liberty Grove, Md.
*Lighthiser C. H., 602 William, Baltimore, Md.
vfbLindale Canning Co., Lindale, Tex.
vLingo R. D. & Co., Daysboro, Del.
fvLinn-Benton Fruit Growers' Ass'n, Albany, Ore.
pLippincott Co. (Olives & Chili Sauce), 42 Main, Cincinnati, O.
vLippincott Mrs. J. W., Salem, N. J.
vLloyds Packing Co., Lloyds, Md.
vfbLockport Canning Co., Lockport, N. Y.
*vbLoggie A. & R., Columbia Falls, Me.
Loma Ranch Co. (Olives), Fall Brook, Cal.
vLong Bros., Westover, Md.
fvLang Cider & Canning Co., Brownville, Nebr.
pLong Fruit Products Co., Lewis bldg, Portland, Ore.
cLongaker H. G. & Co.. Federalsburg, Md.
Los Angeles Olive Growers' Ass'n, Higgins bldg, Los Angeles, Cal.
*Los Angeles Tuna Canning Co., Long Beach, Cal.
Loudon Packing Co. (Soups & Chili Sauce), Terre Haute, Ind.
*fvLowden G. W., Savannah, Ga.
vbLowekamp Bros., Jessups, Md.
vLowell Canning Co., Lowell, Wis.
*Lower California Fisheries Co., San Diego, Cal.
vLoyd H. C., Goodview, Va.
*Lubec Sardine Co., Lubec, Me.
bfvLudington J. & Co., 2211 Boston, Baltimore, Md.
vLugar C. W., Troutville, Va.
*Lummi Bay Packing Co., Green Bay, Wis.
fvLuttrell & Unger, Unger's Store, W. Va.
vLutz Isadore, Bloomington, Ill.
vpLutz & Schramm Co. (Olives & Pickles), 1412 River av, N S, Pittsburgh, Pa.
fvLyndonville Canning Co., Lyndonville, N. Y.
McBrayer Canning Co., McBrayer, Ky.
*McClellanville Canning Co., McClellanville, S. C.
vMcComas G. W. & Co., Monrovia, Md.
vMcComas Geo. W. & Sons, Singer, Md.
vMcCoy Canning Co., Urbana, O.
vMcCready & Webster, Chance, Md.
vMcCullough M., Buchanan, Va.
*McFerran J. W., Fincastle, Va.
*McGowan P. J. & Sons, McGowan, Wash.
*bfvMcGrath H. J. Co., Atlantic Wharf, Baltimore, Md.
pvMcIlhenny Co. (Olives), Avery Island, La.
vMcMurray Louis Pkg. Co., Pontiac, Ill.
McNally Ranch (Olives), La Mirada, Cal.
vMcWain Canning & Packing Co., East Waterford, Me.
*MacNichol Packing Co., Eastport, Me.
fvMagill J. R. Bellingham, Wash.
vMagness R. L. & Co., Emmorton, Md.
vMahon M. J. & C. M., Ellendale, Del.
fpbMalcolm J. B. & Co., Marion, N. Y.
vMangas C. B. & S. D., Vesuvius, Va.
Mansfield Fred C. Co. (Condensed Milk), Johnson Creek, Wis.
*Mansfield Packing Co., Jonesport, Me.
vManteca Canning Co., Manteca, Cal.
fvMarble W. A. & Co., West Farmington, Me.
bvMarengo Canning Co., Marengo, Ind.
vMarkesan Canning Co., Markesan, Wis.
vMarkham F. J., Mumford, Va.
fvMarkham L. R., Lithia, Va.
vMarkland Canning Co., Markland, Ind.
fvMarionville Canning Co., Marionville, Mo.
vfMarr Canning Co., Gravette, Ark.
vMarshall Canning Co., Marshalltown, Ia.
vMarshall J. L. & J. O., Overbrook, Del.
vMarshall L. D., Thaxton, Va.
vfMarshfield Canning Co., Marshfield, Mo.
vMason Canning Co., 3d & Walnut, Cincinnati, O
fvbMason County Fruit Growers' Ass'n, Shelton, Wash.
vMaud Canning Co., Maud, O.
vbMay H. & Co., Egg Harbor City, N. J.
*bMayo A. H., Naskeag, Me.
vMayville Canning Co., Mayville, Wis.
Maywood Packing Co. (Olives), Corning, Cal.
Meadowbrook Condensed Milk Co., Issawuah, Wash.
vMedora Canning Co., Medora, Ind.
*Megler J. G. & Co., Brookfield, Wash.
fvMendoza Frank & Son, Dighton, Mass.
Mercurio Bros. Spaghetti Mfg. Co., 829 N 8th, St. Louis, Mo.
vMerrell Canning Co., Harlan, Ia.
vMerrell-Soule Syracuse, N. Y.
vMessenger H. B., Federalsburg, Md.
vfMessenger R. W. & Co., Federalsburg, Md.
vMessick & Harper, Hurlock, Md.
vMessick R. M. & Son. Bethlehem, Md.
vMessick W. F. & Bro., Salisbury, Md.
vMeta Canning Co., Meta, Mo.
vMiami Canning Co., Lebanon, O.
vMichael John M., Aberdeen, Md.
vMichael W. O., Fountain Green, Md.
vpbMichigan Refining & Preserving Co. (Pickles), Menominee, Mich.
*Midnight Sun Packing Co., Seattle, Wash.
pfvMilbesell & Co., Traverse City, Mich.
*Milden Packing Co., Sharps, Va.
vMilford Canning Co., Milford, Ill.
vbMillbourne L. M., Kingston, Md.
*Millbridge Packing Co., Millbridge, Me.
vfMiller D. H. & Co., Moneta, Va.
Miller N. H. (Hominy), Pleasantville, O.
vMiller Thomas D., Havre De Grace, Md.
vMill Shoals Canning Co., Mill Shoals, Ill.
vMilwaukee River Canning Co., Thiensville, Wis.
vMimbres Valley Growers' & Canners' Ass'n, Hondale, N. Mex.
vMinnesota Valley Canning Co., Le Sueur, Minn.
vMinnetonka Canning Co., St. Bonifacius, Minn.
vMinot Packing Co., Mechanic Falls, Me.
vMissing Link Apple Co., Clayton, Ill.
v*Mitchell F. O. & Bro., Perryman, Md.
vMitchell J. S. & Bro., Aberdeen, Md.
vMitchell R. F. & G. H., Aberdeen, Md.
vMitchell M., Aberdeen, Md.
vMitchell Ralph M., Aberdeen, Md.
fvMoab Canning Co., Moab, Utah
Mohawk Condensed Milk Co., 71 Hudson, New York
vMondovi Co-operative Canning Co., Mondovi, Wis.
fvMonmouth Canning Co., Portland, Me.
vMonocacy Valley Canning Co., Frederick, Md.
vMonroe Canning & Packing Co., Monroe, Mich.
vfbMonroe County Canning Co., Brockport, N. Y.
vfMontclair Jam Kitchens (Olives & Pickles), Montclair, N. J.
*Monterey Packing Co., 110 Market, San Francisco, Cal.
vMontgomery S. P., Buchanan, Va.
vMontpelier Canning Co., Montpelier, O.
vMonticello Canning Co., Monticello, Ia.
fvMonticello Preserving Co., Monticello, Minn
Montvale Canning Co., Montvale, Va.
fvMoomaw G. A., Troutville, Va.
vfbMoore & Brady Co., Key Highway & Boyle), Baltimore, Md.
vMorgan Canning Co., Morgan, Utah
vMorgantown Packing Co (Hominy, Pork & Beans), Morgantown, Ind.
vMorlok F., Abingdon, Md.
mvMorrell J. & Co. (Soups), Ottumwa, Ia.
fvMorris Canning Co., Lambertville, N. J.
mMorris & Co. (Milk), Union Stock Yards, Chicago, Ill.
vMorrison Charles H., Aurora, Mo.
vMorrow Packing Co., Morrow, O.
vfbMorton Canning Co., Morton, N. Y.
fvMoulton W. A., Phoenix, N. Y.
vMount Calvary Canning Co., Mount Calvary, Wis.
fvbMount Morris Canning Co., Mount Morris, N. Y.
vMount Pleasant Canning Co., Mount Pleasant, Ia.
Mt. Vernon Cream Co. (Milk), Seattle, Wash.
vMullen - Blackledge - Nellis Co. (Chili Sauce), Brazil, Ind.
vMuller Bros. (Pickles & Catsup), Oakland, Cal.
Munson Bros. (Olives), Phoenix, Ariz.
vMurphy C. & Sons, Rocks, Md.
fvMurray G. M. Sons Canning Co., Odenton, Md.
vMurray & Patterson, Hollins, Va.
*Musher & Co., 140 Liberty, New York
fMusselman Canning Co., Biglersville, Pa.
*Myers G. T. & Co., Seattle, Wash.
vMyers W. H. & Co., Bryansville, Pa.
vNable R. F. & Co., Cannon, Del.
*Nahcotta Canning Co., South Bend, Wash.
*Naknek Packing Co., San Francisco, Cal.
vNaomi Canning Co. (Hominy), Edinburg, Ind.
fvbNational Canning Co., Olympia, Wash.
National Pickle & Canning Co., Blue Island, Ill.
vNauvoo Canning Co., Nauvoo, Ill.
vbNeal W. H. & Son Co., Hurlock, Md.
vNeenah Packing Co., Neenah, Va.
vNeillsville Canning Co., Neillsville, Wis.
fvNelson Canning Co., Galena, Mo.
vNeosho Canning Co., Neosho, Mo.
*Neptune Packing Co., 148 State, Boston, Mass.
fvNester P. H., Thaxton, Va.
Nestles Food Co. (Prepared Food), 136 William, New York
vfbNevada County Cannery Ass'n, Grass Valley, Cal.
fvbNew Era Canning Co., New Era, Mich.
vNew Hartford Canning Co., Ltd., New Hartford, N. Y.
vNew Holstein Canning Co., New Holstein, Wis.
vNew Lisbon Canning Co., New Lisbon, Ind.
vNew Stone Canning Co., Fordland, Mo.
vNewtonsville Canning Co., Newtonsville, O.
cNixa Canning Co., Nixa, Mo.
vNoble A., Preston, Md.
vNobel County Canning Co., Lisbon, Ind.
fvNoell J. A., Bedford, Va.
vfNofsinger M. P., Fincastle, Va.
vNominy Grove Canning Co., Nominy Grove, Va.
vfNorfolk Packing Co. (Pork & Beans), Norfolk, Nebr.
vNorris J. T., Van Bibber, Md.
*North American Tuna Canning Co., Terminal, Cal.
*North Lubec Mfg. & Canning Co., North Lubec, Me.
vNorth Ogden Canning Co., North Ogden, Utah.
*North Pacific Trading & Packing Co., Hobart bldg, San Francisco, Cal.
fvbNortheast Preserving Wks., North East, Pa.
vNorthern Maine Packing Co., Corinna, Me.
bvfpNumsen Wm. & Sons, 18 Light, Baltimore, Md.
vNuttle H. T. & H. H., Hobbs, Md.
vOak Grove Canning Co., Oak Grove, Va.
fOakton Canning Co., Oakton, Ky.
Oatman Condensed Milk Co., Dundee, Ill.
vfObenshain Wm., Nace, Va.
vfObenshain J. B. & Sons, Montvale, Va.
*Ocean Food Packing Co., Everett, Wash.
vOcean Shore Canning Co., 112 Market, San Francisco, Cal.
*Ocean Springs Packing Co., Ocean Springs, Miss.
fvbOceana Canning Co., Shelby, Mich.
vOdessa Canning Co., Oak Grove, Mo.
*Oemler Oyster Canneries, Savannah, Ga.
Ohio Dairy Co. (Milk), Toledo, O.

vOhio Valley Canning Co., Charlestown, Ind.
vfOld Homestead Cannery Co., Fork Union, Va.
vOlivia Canning, Preserving & Mfg. Co., Olivia, Minn.
vfbOlney B. Canning Co. (Pork & Beans), Oneida, N. Y.
vOlney & Floyd, Westernville, N. Y.
vOmaha Canning Co., Omaha, Ill
vOnohundro T. E., Farmers Fork, Va.
vOnalaska Pickle & Canning Co. (Olives), Onalaska, Wis.
vfpbOneida Community Ltd. (Pickles), Oneida, N. Y.
vOneida County Canning Co., Ltd., Verona, N. Y.
vOostburg Canning Co., Oostburg, Wis.
vfOregon Canning Co., Oregon, Mo.
*Oregon Fisheries Co., Bay City, Ore.
fvOregon Packing Co., 460 Belmont, Portland, Ore.
vfOrleans County Canning Co., Barre Center, N. Y.
fOrrtanna Canning Co., Orrtanna, Pa.
vOrtega E. C. (Catsup & Chili Sauce), 602 Santa Fe av, Los Angeles, Cal.
vOsborn H. A., Havre De Grace, Md.
fvbOsborn W. H. Co., Honeoye Falls, N. Y.
vfOsborn & Whitney, Rush, N. Y.
vfOswego Preserving Co., Oswego, N. Y.
vOtisco Canning Co., Otisco, Ind.
fvOtoe Food Products Co. ("Otoe," "Pioneer," "Aborall," "Luxury" & "Shepard" Brands), Nebraska City, Nebr.
vOwatonna Canning Co., Owatonna, Minn.
vOwen Canning Co., Owen, Wis.
vOwens A. H. & Bro., Perryville, Md.
fvOwensboro Canning Co., Owensboro, Ky.
vfOwosso Canning Co., Owosso, Mich.
*Pacific-American Fisheries, South Bellingham, Wash.
Pacific Coast Condensed Milk Co., Berlin, Wis.
bfvPacific Coast Canning Co., Oakland, Cal.
pmPacific Coast Syrup Co. (Honey), San Francisco, Cal.
Pacific Creamery Co. (Milk), Tempe, Ariz.
*Pacific Fish Co., 112 Market, San Francisco, Cal.
*Pacific Fisheries & Packing Co., Aberdeen, Wash.
vPacific Pea Packing Co., Eau Claire, Wis.
*Pacific Tuna Canning Co., San Diego, Cal.
vPacific Vinegar & Pickle Wks., 110 Market, San Francisco, Cal.
Page Milk Co., Ubly, Mich.
Page Thos. (Catsup), Albion, N. Y.
vParks & Bros., Kinsale, Va.
vParkston Canning Co., Parkston, S. D.
vfPasadena Canning Co., Pasadena, Cal.
vPatchett J. P., Federalsburg, Md.
vPaxton Canning Co., Paxton, Ill.
vPayne Mfg. & Canning Co., Payne, O.
vbPearson A. E. & Son, Lottsburg, Va.
fvPeck C. L. & Sons, Fincastle, Va.
fvPecke & Pratt, Hilton, N. Y.
fvPecos Valley Farm Products Co., Dayton, N. Mex.
pvPe-Co-To Packing Co., Indianapolis, Ind.
vPekin Canning Co., Salem, Ind.
*Pelican Lake Oyster & Packing Co., Ltd., Houma, La.
Penick & Ford, Ltd. (Molasses & Syrups), Whitney bldg., New Orleans, La.
vPennington Canning Co., Pennington, N. J.
vfpbPerry O. H. & Son, Manlius, N. Y.
Perry Packing Co. (Condensed Milk), Perry, Ia.
vPeru Canning Co., Peru, Ind.
fvPeru Canning & Mfg. Co., Peru, Nebr.
*Petersburg Packing Co., Seattle, Wash.
vPetersburg Sanitary Canning Co., Petersburg, Ind.
bfpvPharr King (Honey), Catherine, Ala.
vPhelps H., North Bay, N. Y.
vfPhiladelphia Pickling Co. (Pickles & Honey), 262 S 2d, Phila., Pa.
vPhillips J. H. Sons, Berkeley Springs, W. Va.
vfPhillips Packing Co., Cambridge, Md.
vPhillips, Waller Co., Salisbury, Md.
Pickert L. Fish Co. (Salt Mackerel, Smoked Fish), 16 New, Boston, Mass.
bfvpPierce City Packing Co., Pierce City, Mo.
*Pillar Bay Packing Co., Seattle, Wash.
vPioneer Canning Co., St. Henry, O.
vPioneer Canning & Pickling Co., St. Nazianz, Wis.
fPlacer County Growers' Ass'n, Lincoln, Cal.
vPlainville Canning Co., Plainville, Ind.
vfbPlatt & Co., Key Highway & Boyle, Baltimore, Md.
Platte Valley Canning Co., Denver, Colo.
fvbPleasant Grove Canning Co., Pleasant Grove, Utah
vPlum Point Canning Co., Plum Point, Md.
vPlymouth Canning Co., Plymouth, Wis.
*Point Lobos Canning Co., Monterey, Cal.
Polk, T. J. Co. (Soups & Hominy), Dept. H, Mound City, Ill.
vfPomona Valley Canning Co., Pomona, Cal.
mPond E. K. Packing Co, 517 W 24th pl, Chicago, Ill.
Portland Packing Co., Portland, Me.
*Portland Products Co., South Portland, Me.
vPowellsville Canning Co., Powellsville, Md.
vPrairie City Canning Co., Prairie du Chien, Wis.
bfvPrairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
vPrairie State Canning Co., El Paso, Ill.
vPrairie View Canning Co., Randolph, Wis.
fPratt, J. W., Farmington, Me.
vfbPratt Low Preserving Co., Santa Clara, Cal.
*Premier Packing Co., San Diego, Cal.
vPressing W. C. Canning Co., Norwalk, O.
fvPreston Canning Co., Preston, Md.
vPreston Harry T., Middletown, Del.
vPreston W. T. & A., Aberdeen, Md.
fvPrettyman G. H., Milford, Del.
Price-Booker Mfg. Co. (Catsup, Pickles & Chili Sauce), Houston Heights, Tex.
vPrice D. E. & Son, Darlington, Md.
fvpPride W. H. & Co., Bellingham, Wash.
vPrinceton Canning Co., Brownsburg, Ind.
fvpbPritchard E (Plum Pudding), Bridgeton, N. J.
fProspect Canning Co., Bedford, Va.
*Prosper Canning Co., Prosper, Ore.
vPure Food Canning Co., Erie, Pa.
fvbPyle J. F. & Son, San Jose, Cal.
vQuenponco Packing Co., Newark, Md.
vRacine Canning Co., Racine, O.
fvRader F. B., Troutville, Va.
vRalph C. S. & Bro., Vienna, Md.
vRandolph Canning Co., Randolph, Wis.
Ratliff Pure Food Products Co. (Chili Sauce), Fort Worth, Tex.
vReaburn J. H., Nace, Va.
vReber A. C., Ridgley, Md.
mvReber Preserving Co. (Hominy), Eola, Ill.
vReckord Bros., Bel Air, Md.
vRecords E. M. Co., Forest, Del.
fRed Apple Orchard Corp., Shipman, Va.
vfRed Creek Canning Co., Red Creek, N. Y.
vRed Oak Canning Co., Red Oak, Ia.
Redden G. T. & Co., Denton, Md.
vReece E. G., Canning Co., Waldron, Ind.
fvReed C. D., Troutville, Va.
vReedsburg Canning Co., Eau Claire, Wis.
vReese E. C., Harrington, Del.
vReese S. P. & Co., Harrington, Del.
vRehoboth Packing Co., Rehoboth Beach, Del.
pvReid, Murdoch & Co. (Pickles & Olives), Clark st. Bridge, Chicago, Ill.
vRemington Packing Co., Moorhead, Minn.
vRenfrew R. M., Fayette, Pa.
fvReynolds E. W., Troutville, Va.
vReynolds J. S. & Co., Frederica, Del.
Reynolds Preserving Co., Sturgeon Bay, Wis.
vReynolds S. H., Nace, Va.
fRheimstrom Bros. Co., Cincinnati, O.
mRice E. A. Co., 2230 S La Salle, Chicago, Ill.
vRich J. W., Deer Creek, Ill.
vRichardson T. P., Boone Mill, Va.
vRichardson W. R. & Sons, Troutville, Va.
vRichardson W. T. & Co., Rising Sun, Md.
vRichardson & Robbins Co., Dover, Del.
fRicks Bros., Reynolds, Ga.
vRider Packing Co. (Hominy), Crothersville, Ind.
vRidersville Canning Co., Ridersville, W. Va.
fvRiely H. M. & Bros., Blue Ridge Springs, Va.
*Riggin R. & Bro., Crisfield, Md.
vRiley Packing Co., Farmington, Del.
Ripon Conning Co., Ripon, Wis.
vpbRitter P. J. Conserve Co. (Soups & Olives), 2156 E Dauphin, Phila., Pa.
vRitty A. E. Canning Co., Dayton, O.
fvRiverside Canning Co. (Pickles & Hominy), Hamburg, Ia.
fvRiverton Canning Co. (Chili Sauce), Riverton, Utah
vRiverview Canning Co., Streator, Ill.
vfb Roach W. R. & Co., Hart, Mich.
vfbRoberts Bros., 416 E Lexington, Baltimore, Md.
vRoberts H. W., Clara, Md.
vfRoberts W. H. & Co. (Peanut Butter), 1011 S Lakewood av, Baltimore, Md.
vRobinson A. S., Fallston, Md.
*Robinson Quincy, Warrenton, Ore.
vfbRobinson S. M. & Co., 607 S. Luzerne av, Baltimore, Md.
Robinson T. K. Co. (Molasses), Vicksburg, Miss.
fvRobinson W. E. & Co., Bel Air, Md.
vRochester Canning Co., Rochester, Ind.
vRockfield Canning Co., Rockfield, Wis.
vRockford Canning Co., Rockford, Ill.
vRock Island Canning Co., Sears, Ill.
fvRockport Canning Co., Rockport, Mo.
vRock Springs Canning Co., Allenton, Mo.
fvbRocky Ford Canning & Mfg. Co., Rocky Ford, Colo.
fRoddenberry W. B. (Molasses), Cairo, Ga.
vRoe F. B. Co., Greensboro, Md.
Roeding Fig & Olive Co., Fresno, Cal.
fRogue River Valley Canning Co., Medford, Ore.
vRoot J. V., Versailles, Ill.
vRose & Williams, Princess Anne, Md.
vRoss E. C., Seaford, Del.
fvRossville Canning Co., Rossville, Ill.
Royal Packing Co. (Catsup, Chili Sauce, Chile Powder, Peppers & Spanish Pimientos), 1815 Sacramento, Los Angeles, Cal.
vRoyal Packing Co., Milton, Del.
vRoyal Packing Co., Windfall, Ind.
vRuff E. G., Delta, Pa.
vRuff & Rehmeyer, Woodbine, Pa.
*Ruge Bros. Canning Co., Apalachicola, Fla.
vRussell W. L. & Son, Mila, Va.
vRussellville Packing Co., Russellville, O.
vRutland Canning Co., Rutland, O.
vSachem's Head Canning Co., Guilford, Conn.
vSac City Canning Co., Sac City, Ia.
fvSaco Valley Canning Co., Portland, Me.
vSadler Canning Co., Cicero, N. Y.
vSailors' Packing Co., Kokomo, Ind.
vSt. Elizabeth Canning Co., St. Elizabeth, Mo.
vSt. Thomas Canning Co., St. Thomas, Mo.
vSalem Canning Co., Salem, N. J.
vSalem Ernest, Phalanx, N. J.
vSalem Supply Co., Salem, N. J.
*Salina Packing Co., Anacortes, Wash.
fvbSalter Canning Co., North Rose, N. Y.
vSamels Bros. & White, Chaska, Minn.
*Sanborn-Cutting Co., Astoria, Ore.
vSandy Ford Canning Co., Thaxton, Va.
vSanford W. H., Tucker Hill, Va.
vSan Gabriel Valley Canning Co., Los Angeles, Cal.
fvSanguinetti Canning Co., Mountain View, Cal.
vSanitary Canning Co., Westphalia, Ind.
vSanitary Canning Co., Stoutland, Mo.
*Sanitary Fish Co., Anacortes, Wash.
vSanitary Packing Co., Hollandsburg, O.
*San Juan Canning Co., Friday Harbor, Wash.
*San Juan Fishing & Packing Co., Seattle, Wash.
fvSarcoxie Canning Co., Sarcoxie, Mo.
fvSauguoit Canning Co., Utica, N. Y.
vSauk City Canning & Pickling Co., Sauk City, Wis.
vSaulsbury Bros., Ridgely, Md.
pvSawyer Canning Co., Atkinson, N. H.
Sayres Iven H., Westminster, Md.
vfbSchall Packing Co., Atlantic Wharf, Baltimore, Md.
vScience Hill Canning Co., Science Hill, Ky.
Scio Condensed Milk Co., Scio, Oreg.
vScott C. M. Packing Co., Dover, Del.
fvScotten Geo. P. & Son, Magnolia, Del.
vfScottsburg Canning Co. (Hominy), Scottsburg, Ind.
vScoville H. D., Constantia, N. Y.
fScutt Frank, Verbank Village, N. Y.
*Sea Beach Packing Wks., Aberdeen Wash.
*Seaborg B. A., Gold Beach, Ore.
*Sea Coast Canning Co., Eastport, Me.
*fSea Food Co., Biloxi, Miss.
vSears C. E. & Co. (Hominy), Circleville, O.
vSears D. M. Co. (Pickles & Hominy), Fort Wayne, Ind.
vfbSears & Nichols Canning Co. (Hominy), Chillicothe, O.
vSeaside Canning Co., Ocean City, Md.
*Seattle Packing Co., Seattle, Wash.
fvSecrist & Camper, Buchanan, Va.
vSelbyville Packing Co., Selbyville, Del.
vSellman A. B. & Bro., Watersville, Md.
Seneca Kraut & Pickling Co., Geneva, N. Y.
fvSeufert Bros. Co., The Dalles, Ore.
fvSharon Center Canning Co., Sharon Center, O.
vSharp J. V. Canning Co., Williamstown, N. J.
vSharpsville Canning Co., Sharpsville, Ind.
vfbShaver J. W., Troutville, Va.
vShawano Canning Co., Shawano, Wis.
vSheldrake J. W., Harrington, Del.
fvShenandoah Packing Co., Starkey, Va.
vSheridan Packing & Mercantile Co., Sheridan, Ind.
vSheriff Preserve Co., 123 E Pearl, Cincinnati, O.
vSherman Preserving Co., Sherman, N. Y.
*vSherwood Canning Co., Sherwood, Md.
vShields L. H., English, Ind.
vfShimp E. Co., Hancock's Bridge, N. J.
vShimp & Harris, Canton, N. J.
vShowalter S. C. & Son, Troutville, Va.
vShowell Mfg. Co., Showell, Md.
vShriver B. F. Co., Westminster, Md.
vSilver C. B., Havre De Grace, Md.
vSilver Geo. O., Havre De Grace, Md.
vSilver W. F., Havre De Grace, Md.
vSimmons R. L. Co., Andrews, Md.
vSimpson Packing Co., Trappe, Md.
*Sinclair Island Canning Co., Urban, Wash.
vSink Wm Canning Co., Brandon, Wis.
vfSizer E. T., Buchanan, Va.
fSkagit Valley Fruit Growers' Ass'n., Burlington, Wash.
vSkillman A. A., Belcamp, Md.
vSlagel C. W. & Son, Davenport, Nebr.
*vfSlaight E. E. & Co., Seaford, Va.
vSlessman & Sons, Clyde, O.
vSmiley F. L. & Son, Roanoke, Va.
*Smiley J. L. & Co., Blaine, Wash.
*Smiley J. W. & Co., Buchanan, Va.
vSmith, Burkley & Billingslea, Taylors Bridge, Del.
vSmith C. C., Airville, Pa.
vfSmith Canning Co., 116 S Front, Phila., Pa.
vSmith F. I., Madison, Ind.
vSmith J. Colby & Son, Willow Grove, Del.
vfSmith J. T., Fawn Grove, Pa.
vfSmith-Yingling Co., Westminster, Md.
vfSmithfield's Pure Food Co., Clarkson, N. Y.
pSmucker J. M. (Apple Butter), Orrville, O.
vSnider T. A. Preserve Co. (Soups, Catsup, Chili Sauce, Pork & Beans), 168 N Michigan av, Chicago, Ill.
Snohomish Dairy Products Co., Snohomish, Wash.
*fvSnow Flake Canning Co., Brunswick, Me.
fbSodus Canning Co., Sodus, N. Y.
*Solomon Packing Co., North Cove, Wash.
vSomerset Packing Co., Upper Fairmount, Md.

CANNED GOODS—continued

Soper A. C. Co. (Catsup & Sauces), Farmingdale, N. J.
*South Coast Canning Co., Long Beach, Cal.
vSouth Jersey Canning Co., Pedricktown, N. J.
vSouth Lebanon Canning Co., South Lebanon, O.
fvbSouth Haven Preserving Co., South Haven, Mich.
fvSouthern California Canning Co., Ontario, Cal.
Southern Product Co. (Syrup), Seminary, Miss.
vSouthern Syrup Co. (Molasses & Syrups), Montgomery, Ala.
vSpedden Packing Co., James, Md.
vSpence J. H., Smithville, Md.
pSpencer Wm. M. Sons Co. (Apple Butter), 324 E 2nd, Cincinnati, O.
vSpickard C. H. & Son, Blue Ridge Springs, Va.
vSpigle W. G., Troutville, Va.
*vSpindler V. G., Halethorpe, Md.
fvbSpringbrook Canning Co., Springbrook, Ore.
vSpring Valley Packing Co., Spring Valley, O.
fvSpringville Canning Co., Springville, N. Y.
fvSpringville Canning Co., Springville, Utah
*Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
fvStandard Canning Co., Noblesville, Ind.
Standard Refining Co. (Syrups & Molasses), 217 West, New York
pStandard Syrup Co. (Apple Butter, Molasses & Syrups), 1017 Chouteau, St. Louis, Mo.
vStanley C. C., Hollins, Va.
vfStanley H. A., Bedford, Va.
vStar Canning Co., Roy, Utah
vStathem-Cosier Co., Newport, N. J.
vbStaton-Moore Canning Co., Fruitland, Md.
vSteel W. B., Port Deposit, Md.
vSteinke E. H. Canning Co., Benton Harbor, Mich.
bfvStetson F. F. & Co., 325 San Fernando blvd, Los Angeles, Cal.
fvStetson & Ellison Co., Camden, Del.
vStevens C. S. & Son, Cedarville, N. J.
vStevens H. E., Nace, Va.
fvStevens J. E., Nace, Va.
vStevens T. D., Troutville, Va.
vStevens W. L. Inc., Cape May, N. J.
vStevens & Caskey, Hemlock, N. Y.
*bStewart A. L. & Sons, Cherryfield, Me.
vStewart J. Roland, Cambridge, Md.
vStittville Canning Co., Stittville, N. Y.
vfbStokely Bros. & Co. (Hominy), Newport, Tenn.
vStockham E. V., Perryman, Md.
vStocking Geo. E., Rochelle, Ill.
f*Stockton Canning Co., Stockton Springs, Me.
vStoops Packing Co., Van Wert, O.
vStoutamire P. W., Salem, Va.
Stoutrmire Geo. W., Roanoke, Va.
vStrasbaugh Henry P., Aberdeen, Md.
vStrickler Bros. Canning Co., Tippecanoe City, O.
vSudlersville Canning Co., Sudlersville, Md.
Sugar River Canning Co. (Milk), Waukesha, Wis.
Sullivan Condensed Milk Co., Sullivan, Wis.
vSummers C. G. & Co., Russell & Carey, Baltimore, Md.
vSummit Canning Co., Akron, Ind.
vSunbright Canning Co., Dickson, Tenn.
vfpSunlit Fruit Co., 112 Market, San Francisco, Cal.
fbSunnyvale Canneries, Sunnyvale, Cal.
vSun Prairie Canning Co., Sun Prairie, Wis.
bfSunset Canning Co., Pomona, Cal.
*Sunset Packing Co., West Pembroke, Me.
*Superior Trading Co., Seattle, Wash.
*Surf Packing Co., Aberdeen, Wash.
vSwaim C. W. Canning Co., Sabina, O.
vSwayzee Canning Co., Swayzee, Ind.
vSweet Thomas J. & Co. (Catsup), Albion, N. Y.
vSwing Bros., Ridgley, Md.
vSwing J. M. & Bro., Greensboro, Md.
mvSycamore Preserve Wks., Sycamore, Ill
*Taft Fish Co., Taft, Va.
*Taku Canning & Cold Storage Co., Seattle, Wash.
vTalbot Packing & Preserving Co., Easton, Md.
*Tallant-Grant Packing Co., Astoria, Ore.
vfbTanner Bros. Co., Oakfield, N. Y.
vfTate C. L. & Co., Arnold, Md.
bTaylor Bros., La Grange, Ky.
fvTaylor Fruit & Canning Co., Lockport, N. Y.
bfpvTaylor J. E. & Co. (Olives), Santa Ana, Cal.
vTaylor J. W., Hallwood, Va.
vTaylorsville Mfg. Co., Taylorsville, Ky.
vTell City Canning Co., Tell City, Ind.
vTemin Wm. & Son, Hartley, Del.
vTempleman's Milling & Canning Co., Templeman Cross Roads, Va.
*Thlinket Packing Co., Yeon bldg., Portland, Ore.
vThomas Bros., Elliston, Va.
fvbThomas Canning Co., Grand Rapids, Mich.
fThomas G. H. & Co., Farmington Falls, Me.
vThomas S. C., Weems, Va.
fvThompson Bros., East Haddam, Conn.
fvThompson Bros., Cabool, Mo.
fvThompson Bros. Canning Co., Marshfield, Mo.
*vfbThorndike & Hix, Rockland, Me.
vThornton Bros. & Co., Springboro, Pa.
vThrasher R. H., Springwood, Va.
vTilghman Canning Co., Tilghman, Md.
*Tilghman Packing Co., Tilghman, Md.
vTipton Farmer Canning Co., Tipton, Ia.
vTomato Products Co., Paoli, Ind.
Torbitt & Castleman Co. (Molasses), Louisville, Ky.
vf*bTorsch Packing Co. (Hominy), Fort av, Clement & Lawrence, Baltimore, Md.
vTowers L. B. & Bro., Denton, Md.
vTowner Jay F. & Sons, Perryman, Md.
vTownsend J. G. & Co. Jr., Selbyville, Del.
vTownsend Jas. & Son, Masten, Del.
vTrappe Canning Co., Aberdeen, Md.
vfbTraver W. M. Co., Hartford, Mich.
vTravers J. R., Nanticoke, Md.
vTrevey Bros., Nace, Va.
vTripoli Canning Co., Tripoli, Ia.
bfvTrue L. P. & Co., Hope, Me.
vTuhey Canning Co., Muncie, Ind.
fTulare County Growers' Ass'n. (Olives), Porterville, Cal.
vTuttle & Co., McConnellsville, N. Y.
Twin Peaks Canning Co., Salt Lake City, Utah
*fbpvTwitchell-Champlin Co., Portland, Me.
vTyaskin Packing Co., Tyaskin, Md.
*Umpqua Co-operative Packing Co., Gardiner, Ore.
*mUnderwood W. Co., 52 Fulton, Boston, Mass.
vUnion City Canning Co. (Hominy), Union City, Tenn.
*Union Fishermen's Co-operative Packing Co., Astoria, Ore.
*Union Sardine Co., Lubec, Me.
United Canneries & Co. of California, 430 S B'way, Los Angeles, Cal.
vUrbana Canning Co., Urbana, O.
vUtah Canning Co. (Soups, Pork & Beans), Ogden, Utah
Utah Condensed Milk Co., Richmond, Utah
fvUtica Canning Co., Utica, N. Y.
vValders Canning Co., Valders, Wis.
Valecia Evaporated Milk Co., Madison, Wis.
bfvValley Canning Co., Newberg, Ore.
vValley Cash Canning Co., Montvale, Va.
vValley Packing Co., Lebanon, O.
v*Valliant W. H. & Bros., Bellevue, Md.
vVallonia Canning Co. (Hominy), Vallonia, Ind.
vVan Camp Geo. & Sons Co., Westfield, Ind.
vVan Camp Packing Co. (Milk, Soups & Hominy), Indianapolis, Ind.
*Van Camp Sea Food Co., San Pedro, Cal.
vVance F. W. Co. (Catsup & Chili Sauce), Columbia City, Ind.
fVarn & Platt Co., Savannah, Ga.
mVette & Zuncker, 220 N Green, Chicago, Ill.
vfbVictor Preserving Co., Victor, N. Y.
vVienna Canning Co., Vienna, Ind.
vVinton Canning Co., Vinton, Ia.
Voss H. F. Co., Inc. (Salad Oil, Catsup, etc.), 326 Park av, Brooklyn
vWabash Canning Co., Wabash, Ind.
vWaco Canning Co., Waco, Ky.
vWaddington & Holme, Naylors, Va.
vf*pbWagner M. Co., New Pier 2, Pratt, Baltimore, Md.
vWagoner J. (Pickles), 516 N 2nd, St. Louis, Mo.
vWaldo Canning Co., Waldo, Wis.
bfpWales Geo. E., Newton Center, Mass.
vWalker Bros., Aberdeen, Md.
vWarrenburg Canning Co., Warrenburg, Ill.
vWarren-Harshman Canning Co., Saratoga, Ind.
*Warren Packing Co., Yeon bldg., Portland, Ore.
*Warrenton Clam Co., Warrenton, Ore.
vWashburn Canning Co., Washburn, Mo.
vWaterford Canning Co., Waterford, Ky.
vWaterloo Canning Ass'n., Waterloo, Wis.
vWaterloo Canning Co., Waterloo, Ia.
vWatertown Canning Co., Watertown, Wis.
vWatkins Packing Co., Odessa, Del.
vWatson Bros Co., Greenwich, N. J.
vWaupun Canning Co., Waupun, Wis.
vWausau Canning Co., Wausau, Wis.
vfWayland Canning Co., Wayland, N. Y.
Wayne Canning Co., Wayne, Mich.
Wayne County Canning Co. Ltd., Marion, N. Y.
vWaynesville Canning Co., Waynesville, O.
fvWebb H. F. Co., Portland, Me.
vWebb W. H., Bloomingdale, Ind.
vWeber A. & Co., 1941 O'Fallon, St. Louis, Mo.
vWebster-Butterfield Co., 2219 Boston, Baltimore, Md.
vWebster C., East New Market, Md.
fvpbWebster Canning & Preserving Co., Webster, N. Y.
fvWebster County Canning Co., Marshfield, Mo.
vWebster Frederick L., Adams, N. Y.
fvWebster N., Cambridge, Md.
vWebster R., Hurlock, Md.
vWebster W. & Co., Vienna, Md.
vWeir Canning Co., Toledo, Ia.
fWelch Bros. Apple Co., Burlington, Vt.
bvWelch Mary E. & Co., Thaxton, Va.
vWeller J. Co. (Pickles), Oak Harbor, O.
vWest Bend Canning Co., West Bend, Wis.
m*West Coast Packing Co., Long Beach, Cal.
vWestmoreland Canning Co., Mount Holly, Va.
*vbWest River Canning Co., Galloways, Md.
vWest Salem Canning Co., West Salem, Wis.
bvfWexford Canning & Preserving Co., Wexford, Mich.
bWhitby C. H. & Son, Denton, Md.
fbvWhite Cloud Canning Co., White Cloud, Mich.
vWhite J. Cleveland & Co., Salisbury, Md.
vWhiteford J. S., Whiteford, Md.
vWhiteford W. S. & Sons, Whiteford, Md.
vWhitehead Fred H., Lincoln, Del.
fvWhitesburg Canning Co., Whitesburg Tenn.
*White Star Canning Co., San Pedro, Cal.
vWhitewater Canning Co., Whitewater, Wis.
vfWhitson C. P., Swannawoa, N. C.
vWhittington W. L. & Co., Hopewell, Md.
vWhittington W. R. & Sons, Marion Station, Md.
vWieneke-Hoerr Co., Dubuque, Ia.
vWigley H. C. & Bro., Millersville, Md.
Wildi John Evaporated Milk Co., Columbus, O.
vWilkinson G. A., Nottingham, Pa.
vWill & Sixbury, Cleveland, N. Y.
*Willapa Harbor Fish Co., South Bend, Wash.
fvbWillard Canning Co., Ogden, Utah
vWilliams B. S. & Son, Buchanan, Va.
pWilliams Bros. Co. (Pickles, Pork & Beans), Williams sq, Detroit, Mich.
*bWilliams G. N., Cutler, Me.
bvWilliams Milles & Bro., Fruit Dale, Ind.
vWilliamsburg Canning Co., Williamsburg, O.
vWilliamsburg Packing Co., Williamsburg, Md.
vWilliamson H. M., Nace, Va.
vWilliamson J. A. & Co., Springwood, Va.
fvWilliamsport Canning Co., Williamsport, Ind.
vWilling J. W. & Son, Nanticoke, Md.
fvWills F. A. & C. C., Troutville, Va.
fvWilson A. H., Vineland, N. J.
vWilson A. H., Aberdeen, Md.
vWilson Canning Co., Hebron, Md.
vfbWilson Canning Co., Mexico, N. Y.
vWilson Jas. T. & Co., Delmar, Del.
Wilson & Co., Union Stock Yards, Chicago, Ill.
vWilson & Merrick, Ingleside, Md.
vWinans Fruit & Canning Co., Diggins, Mo.
bfWindholz Chas. A., Syracuse, N. Y.
vWindsor Cove Packing Co., Jesterville, Md.
vWindy Hill Packing Co., Easton, Md.
vfWinebrenner D. E. Co., Hanover, Pa.
vbWinorr Canning Co., Circleville, O.
vfWinters Canning Co. (Olives), Winters, Cal.
vWinters & Prophet Canning Co., Mount Morris, N. Y.
vWinthrop Canning Co., Winthrop, Minn.
Wisconsin Butter & Cheese Co. (Milk), Waukesha, Wis.
vWisconsin Canning Co., Winneconne, Wis.
Wisconsin Condensed Milk Co., Burlington, Wis.
vWisconsin Pea Canners Co., Manitowoc, Wis.
bfWoldert Alex. Co. (Peanut Butter), Tyler, Texas
vfpbWomack A. L. Co. (Hominy), Bristol, Tenn.
vWood N. A., Troutville, Va.
vWoods Cross Canning Co., Woods Cross, Utah
vWoodsboro Canning Co., Woodsboro, Md.
vfWool F. G. Packing Co., San Jose, Cal.
fvWoolford Packing Co., Washington & Aliceanna, Baltimore, Md.
vpWooster Preserving Co. (Pickles & Catsup), Wooster, O.
Workman Packing Co. (Soups, Chili Sauce, Pork & Beans), 432 7th, San Francisco, Cal.
vWood W. G. & Sons, Roanoke, Va.
vWright Canning Co., Aberdeen, Md.
vWright F., Federalsburg, Md.
vWright O. H., Vinton, Va.
vWright W. J. & Son, Choptank, Md.
vfbWright-Whittier Co., Ogden, Utah
vWright & Saunders, Bedford, Va.
vWrightson C. T., Easton, Md.
*Wyman Canning Co., Millbridge, Me.
*bWyman J. & Son, Millbridge, Me.
vWyoming Canning & Preserving Co., Wyoming, N. Y.
vYeager & Halstead, Cortland, N. Y.
fvYale Canning Co., Yale, Mich.
vfbYates County Canning Co., Penn Yan, N. Y.
vYellow Springs Canning Co., Yellow Springs, O.
fvYingling Jos. P., Pleasant Valley, Md.
vZacheis W. B. & J. S., Port Penn, Del.
vZiegler Canning & Preserving Co., Muscatine, Ia.
vZimmerman Bros., Bedford, Va.

1829a— *Canning Apparatus

Elyria Enameled Products Co. (Glass Enameled), Elyria, O.

1830— Cannons (Yacht)

American & British Mfg. Co., Charles, Providence, R. I.
Brown R. H. & Co., New Haven, Conn.
Kahnweiler's David Sons ("Lyle"), 260 Front, New York

1831— Canoes

See also Motor Boat, Launch & Yacht Builders

Carleton Canoe Co. (Birch Bark, Canvas Covered), Old Town, Me.
Detroit Boat Co. (Cedar & Canvas) (Kerchol & Connors Cr.), Detroit, Mich.
Mullins Body Corp., 341 Franklin, Salem, O.
Old Town Canoe Co., Old Town, Me.
Racine Boat Co. (Sailing, Paddling), Racine, Wis.
Rushton Sidney P. ("Indian Girl," Sailing, Paddling), Canton, N. Y.
Skaneateles Boat & Canoe Co. (Sailing, Paddling), Skaneateles, N. Y.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
White E. M. & Co. ("White" Canvas Covered Canoes, Paddles, etc.), Old Town, Me.

Canopies (Iron & Bronze)

See Marquees; also Awnings, Corrugated Steel

1832—Canopies (Lawn or Umbrella Tents)

Aronoff Joseph J., Trenton, N. J.
Troy Carriage Sun Shade Co. ("Trojan"), Troy, O.
Wheeling Tent & Awning Co., Wheeling, W. Va.

1833-4-5—Cans (Ash & Garbage)

Abbott Hardware Co. ("Oregon"), 636 Columbus av, New York
AMERICAN CAN CO. ("Canco"), 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co. (Garbage only), 156 Ames, Rochester, N. Y.
Automatic Lock Cover Corp. (Sanitary Garbage), 48 E 12th, New York
Barschi Harry, 209 E 144th, New York
Berglund Chas. & Son, 236 E 47th, New York
Bicalky Fan Co., Buffalo, N. Y.
Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Scotten & M. C. RR., Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., 900 6th av, S. E. Minneapolis, Minn.
Carman Mfg. Co., Columbus, Ohio
Central Stamping Co. ("Puritan," "Giant," "Monitor," "Central"), 174 Fulton, New York
Cincinnati Galvanizing Co. ("King" Corrugated), McMicken av & Tafel, Cincinnati, O.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Crunden, Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.
Dairymen's Mfg. Co., Bay, Jersey City, N. J.
Decatur Cornice & Rfg. Co., New Decatur, Ala.
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
Dover Stamping & Mfg. Co. ("Dover" Galvanized Steel, also with Safety Coal Sieve), Cambridge, Mass.
Ely & Williams Co., 257 B'way, New York
Empire Tin Ware Co. (Ash), 29 So 5th, Brooklyn, N. Y.
Federal Enam. & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Federal Stamping Co. ("Federal" Dustless Ash Sifters), Holland, Mich.
Fleck M., 338 E 124th, New York
Gem Stamped Steel Co., Chelsea, Mass.
Geuder, Paeschke & Frey Co. (Waste, "Cream City"), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Guarantee Ash Can Co., 203 E 101st, New York
Hanson, E. M. & Co., 130H N 4th, Phila., Pa.
Henning Bros., 3924 Indiana av, Chicago, Ill.
Hennessy Dennis, Syracuse, N. Y.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Hygeia Can Co. (Garbage), 25 Elm, New York
Indestructible Ash Can Co., 495 Broome, New York
Justrite Mfg. Co. ("Justrite" Sanitary Garbage), 2064 Southport av, Chicago, Ill.
Kelly Foundry & Machine Co., Goshen, Ind.
Klauer Mfg. Co., Dubuque, Ia.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft, A. C., 323 W. Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lawson F. H. Co., Cincinnati, O.
Lisk Mfg. Co. (Garbage only, "Lisk" Aluminum Galvanized), Canandaigua, N. Y.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lock-Tite Mfg. Co., Battle Creek, Mich.
Mager & Newman Tinware Co., Monroe, New York
Metal Package Corp. of N. Y. ("Canco"), 509 5th av, New York
See adv index at end of book
National Can Co., 36 Washington, North Boston, Mass.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co., Middletown, Conn.
New York Standard Ash Can Mfg. Co., 60 Dobbin, New York
North Star Ash Can Co. (Engineers' Steel), 167 Chrystie, New York
Ohio Galvanizing Mfg. Co. (Heavy), Niles, O.
Phoenix Metal Stamping Co. ("Sani-Can"), 2827H W. Fletcher, Phila., Pa.
Pressed Steel Tank Co. (Seamless Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.
Republic Metalware Co. (The) ("Remco"), Buffalo, N. Y.
ROCHESTER CAN CO. ("Iron Horse" Rubbish), 89 Hague, Rochester, N. Y.
See adv index at end of book
Schuler Chas. & Co., 15 Stuyvesant, New York
Schwarz L. I., 357 W B'way, New York
Sexton Can Co., 123 Broad, Boston, Mass.
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Solar Metal Products Co., Columbus, O.
Standard Mfg. Co., Corning, N. Y.
Standard Mfg. Co., 41 Cortlandt, New York
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Steel Basket Co., Cedar Rapids, Ia.
Stephenson C. H. ("Stephenson" Spiral Truss Ribbed), Lynn, Mass.
Success Mfg. Co. ("Success"), Gloucester, Mass.
Vernier Mfg. Co., Cedar Rapids, Ia.
Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.
Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized), Wheeling, W. Va.
Witt Cornice Co. (Corrugated), 2118 Winchell av, Cincinnati, O.
Woolwine Metal Products, 2421 E 8th, Los Angeles, Cal.

TIN CANS—TIN AND FIBRE CANS
TIN AND GALVANIZED WARE
OF ALL KINDS FOR ALL PURPOSES

We are the largest manufacturers of sheet metal containers in America, operating more than 50 factories in the United States and Canada. Our variety is the broadest and our output the largest

Fruit and Vegetable Cans. Meat, Lard and Fish Cans.
Tea, Coffee, Spice, Baking Powder, Cocoa Cans.
Syrup, Oil, Ink, Polish, Paint, Varnish Cans.
Cans for Medicinal and Toilet Preparations.
Shipping Cans, Tanks, Etc., Etc.

PLAIN OR DECORATED

AMERICAN CAN COMPANY

SAN FRANCISCO CHICAGO NEW YORK PORTLAND ORE. HAMILTON, ONT., CANADA

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IRON HORSE METALWARE

"As Strong as the Name Implies"

Quality - Strength - Durability

ASH, GARBAGE, RUBBISH AND OILY WASTE CANS—WATER, DAIRY, FIRE AND COMMODE PAILS, WASH BOILERS, WASHTUBS, BASKETS, ASH SIFTERS, ETC.

ROCHESTER CAN CO.

89 Hague Street Rochester, N. Y.



Cans (Benzine)

See Cans, Non-explosive

1836— Cans (Candy)

FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.

1836a— Cans (Cigar, Tin)

See also Boxes, Tin, Cigar

Cadillac Can Co., 835 W 6th, Cincinnati, O.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.

1837— Cans (Coffee, Spice, Etc.)

Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Johnson-Morse Can Co. (Coffee), Wheeling, W. Va.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.
National Can Co., Detroit, Mich.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Wheeling Can Co. (Coffee), Wheeling, W. Va.

1838— Cans (Comber)

Hill James Mfg. Co. (Galvanized Iron), 52 Westfield, Providence, R. I.

Cans (Condensed Milk)

See Cans, Tin

1839-40— Cans (Cordage)

Standard Fibre Co., Miller, Somerville, Mass.

1841-2— Cans (Decorated)

See also Boxes & Cans, Litho. Metal

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
METAL PACKAGE CORP. OF N. Y., 509 5th av, New York
Myers Elwood Co., Springfield, O.

1843— Cans (Faucet)

Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Sexton Can Co. ("Hub," "Jacket," "Puritan," "Orient"), 123 Broad, Boston, Mass.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.

1844— Cans (Fibre)

See also Cans, Paper

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Canister Co. of New Jersey (Tin Top & Bottom), Phillipsburg, N. J.
Cronkhite Co., Inc., 142 Berkley, Boston, Mass.
Detroit Can Co., 1460 Russell, Detroit, Mich.
Detroit Paper Tube & Can Co., Ltd. (Tin Ends), 26 Griswold, Detroit, Mich.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Miller Fibre Products Co., 33 W Kinzie, Chicago, Ill.
Moisture Proof Fibre Can Co., Dixon & River Rouge, Detroit, Mich.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National Paper Products Co. (For Semi-Liquids), 1789H Montgomery, San Francisco, Cal.
RITCHIE, W. C. & CO., Green & Van Buren, Chicago, Ill.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
St. Louis Paper Can & Tube Corp'n, St. Louis, Mo.
Standard Fibre Co., Miller, Somerville, Mass.

1844a—Cans (For Hand Soap)

FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book

1844b— Cans (Friction Top)

Continental Can Co., Syracuse, N. Y.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Johnson-Morse Can Co., off. 480 E Wheeling, W. Va.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book
U. S. Can Co., Norwood, Cincinnati, O.
Wheeling Can Co., Wheeling, W. Va.

Cans (Garbage)

See Cans, Ash & Garbage.

Cans (Gasoline)

See Cans, Oil & Gasoline

1845— Cans (Gill Box)

Hill James Mfg. Co. ("I. X. X. X." Tin), 52 Westfield, Providence, R. I.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Standard Fibre Co., Miller, Somerville, Mass.

1846— Cans (Gun Powder)

Peoria Can Co., Peoria, Ill.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

1847— Cans (Ice)

Brunswick Refrigerating Co., New Brunswick, N. J.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Great Lakes Engineering Works, Real Estate Exchange bldg., Detroit, Mich.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
North Star Ash Can Co., 167 Chrystie, New York
Ohio Galvanizing & Mfg. Co., Niles, O.
Robertson Bros. Mfg. Co., 5405 S. Western blvd, Chicago, Ill.
See adv index at end of book
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vogt Henry Machine Co., Inc., Louisville, Ky.
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1848— Cans (Ice Cream)

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Bray & Kates Co., Arlington Heights, Ill.
Buhl Stamping Co., Scotten & M. C. RR., Detroit, Mich.
Davis-Watkins Dairymen's Mfg. Co. ("Sanitary"), Jersey City, N. J.
Davis-Watkins Dairymen's Mfg. Co., North Chicago, Ill.
Getz, M. & Co., 162 First, San Francisco, Cal.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Maag August Co., 509 W Lombard, Baltimore, Md.
North Star Ash Can Co., 167 Chrystie, New York
Rice & Adams, Buffalo, N. Y.
Solar Metal Products Co., Columbus, O.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.
Sturges & Burn Mfg. Co., 838 W Congress, Chicago, Ill.
White Mountain Freezer Co., Nashua, N. H.
Wright R. G. & Co., Buffalo, N. Y.

1848a— Cans (Ink)

Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

1849— *Cans (Jacket)

See also Cans, Shipping

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Knoxville Tinware Mfg. Co., Knoxville, Tenn.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*

1850-1— Cans (Key)

American Key Can Co., 140 S Dearborn, Chicago, Ill.

Cans (Lithographed)

See Boxes & Cans, Litho Metal

1852— Cans (Maple Syrup)

FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Franklinville Canning Co., Franklinville, N. Y.
Grimm G. H. ("Grimm"), Rutland, Vt.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.

1853—Cans (Medicinal & Toilet Preparation)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
METAL PACKAGE CORP. OF N. Y., 509 5th av, New York
See adv index at end of book
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.

1854— Cans (Milk)

Arwe Carl H. Mfg. Co., 1348-52 De Kalb av., Brooklyn, N. Y.
Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Bray & Kates Co., Arlington Heights, Ill.
Brown Stamping Co., Toledo, O.
Buckeye Aluminum Co. ("Real Solid" Aluminum with Bail or Handle), Wooster, O.
Buhl Stamping Co., Scotten & M. C. RR., Detroit, Mich.
Central Stamping Co. ("Puritan," Cans & Kettles), 172 Fulton, New York
Colonial Can Co., 120 Milk, Boston, Mass.
Davis-Watkins Dairymen's Mfg. Co. ("Sanitary"), Jersey City, N. J.
Davis-Watkins Dairymen's Mfg. Co., North Chicago, Ill.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.

Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.
Lisk Mfg. Co ("Lisk" Tin and Enamel), Canandaigua, N. Y.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., 411 5th av, New York
Oakes & Burger Co. ("Royal Dane," "Empire State" & "Union" Canadian or Western Pattern), Cattaraugus, N. Y.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sharlow Bros. Co., 442 W 42d, New York
Solar Metal Products Co., Columbus, O.
Sturges & Burn Mfg. Co., 838 W Congress, Chicago, Ill.

1855— Cans (Milk Shipping)

Oakes & Burger Co. ("Royal Dane"), Cattaraugus, N. Y.

1856— Cans (Miners' Oil)

GEM MFG. CO. (Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Kraft, A. C., 323 W Lake, Chicago, Ill.

1857— Cans (Non-Explosive)

Brown Stamping Co., Toledo, O.
Cal. Fire Proof Door Co. (Underwriters), ("Wilcox"), 1931 S Los Angeles, Los Angeles, Cal.
Diener Geo. W. Mfg. Co., 400 Monticello av, Chicago, Ill.
Golding Mfg. Co., Franklin, Mass.
HARKER MFG. CO. ("Queen"), 121-123 W 3d, Cincinnati, O.
See adv index at end of book

SAFETY CANS
Gasoline and Oily Waste
Queen Brand
HARKER MFG. CO.
CINCINNATI, O.

Justrite Mfg. Co., 2061 Southport av, Chicago, Ill.
McNutt Can Sales Co. Inc. ("McNutt"), 83 Chambers, New York
Non-Explosive Can Co., 127 S Green, Chicago, Ill.
Safety Fire Extinguisher Co., 295 7th av, New York. *See adv index at end of book*
Sexton Can Co. ("Sexton's" safety for printers, etc.), 123 Broad, Boston, Mass.

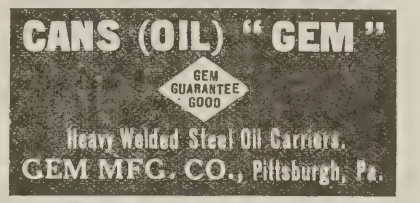
1858— Cans (Oil Pump)

Chapin R. E. Mfg. Works, Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Delphos Mfg. Co., First & Pierce, Delphos, O.
Lisk Mfg. Co., Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York.

1859-60-1—Cans (Oil & Gasoline)

For Engineer's Oil Cans, See Oilers

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Atlantic Stamping Co. ("Atlantic," 1 to 5 gallons, Spout Faucet, etc, for Kerosene & Gasoline), 156-180 Ames, Rochester, N. Y.
Beman Automatic Oil Can Co. ("Beman" Delivery), Box 375, Meadville, Pa.
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Boggs Auto Supply Co. ("Kup-Kan"), Ft. Dodge, Ia.
Boyle Mfg. Co., 5100 Santa Fe av, Los Angeles, Cal.
Brown Stamping Co., Toledo, O.
Bumann Mfg. Co. ("Easy Flow"), Litchfield, Ill.
Cannon Oiler Co. (Successor to R. E. Bloomer), Keithsburg, Ill
Central Stamping Co. ("Puritan," Screw Top, etc), 174 Fulton, New York
Chapin R. E. Mfg. Works (Galvanized Household), Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Colonial Can Co., 120 Milk, Boston, Mass.
Conneaut Can Co. ("Red Hoop"), Conneaut, O.
Continental Can Co., Syracuse, N. Y.
Crunden, Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.
Delphos Mfg. Co. ("Never Leak" & "Legal" Spout & Auto Funnel Cans), 1st & Pierce, Delphos, O.
Deverall Perfection Mfg. Co. ("Deverall"), Caton av, Brooklyn, N. Y.
Diener Geo. W. Mfg. Co. ("Protection," Non-Explosive), 400 Monticello av, Chicago, Ill.
Dover Stamping & Mfg. Co. ("Acme," Family & "Dover," Auto, etc), Cambridge, Mass.
Dressel Railway Lamp Works (Steel for Engineers, etc), 3860 Park av, New York
Dunlap John Co. (Galvanized), Carnegie, Pa.
Eagle Mfg. Co. (Copper, Brass & Steel), Wellsburg, W. Va.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
GEM MFG. CO. ("Gem" Heavy Brazed Steel Oil Carriers), Goebel, nr Fulton, N. S. Pittsburgh, Pa.
See adv index at end of book



Gem Stamped Steel Co., Chelsea, Mass.
General Phonograph Corp. ("One Drop"), 25 W 45th, New York
Geuder, Paeschke & Frey Co. ("Cream City" Anti-Leak Galvanized), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gray Peter & Sons, Inc. (Oil for Railroad Use, etc), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co. (Railway, etc), 210-14 N. 3rd, St. Louis, Mo.
Harps J. A. Mfg. Co. ("Never Fail," for Oil or Gasoline, for Household Use), Greenfield, O.
Holzer R. G. (Est of), 317 Burgundy, New Orleans, La.
Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.
Impervious Package Co. (Wood), Keene, N. H.
International Package Co. Inc., 11 Broad, New York *See adv index at end of book*
Jackson J. W., Sharpsville, Pa.
Johnson Mfg. Co., Urbana, O.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Knapp Mfg. & Supply Co. (Oil Carriers), 241 Water, New York
Knoxville Tinware Mfg. Co., Knoxville, Tenn.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W. Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Gustave Lidseen (Force Feed), 832 S Central av, Chicago, Ill.
Lisk Mfg. Co. ("Lisk" Spout or Faucet, etc), Canandaigua, N. Y.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book
Ludlow Mfg. Co., Ludlow, Ky.
McLaughlin Co. Inc., Brookport, N. Y.
Manufacturers Can Co., Harrison, N. J.
METAL PACKAGE CORP. OF N. Y., 509 5th av, New York
See adv index at end of book
National Can Co. (For Motor Castor, Olive & Essential Oils), Detroit, Mich.
National Enameling & Stamping Co. ("Superior," Screw Cap, Spout, Plain, etc), 411 5th av, New York
National Marine Lamp Co., Forestville, Conn.
Noera Mfg. Co. ("Noera"), Waterbury, Conn.
Northwestern Stamping Co., Burlington, Ia.
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Rockford Brass Works, Rockford, Ill.
Roseland Can & Specialty Co. (Plain Tank for Oil & Gasoline), Rockford, Ill.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co. (Oil Cans, Plain & Ornamental), 217 S 6th, St. Louis, Mo.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sexton Can Co. ("Sexton's" Spout & Screw Cap, etc.), 123 Broad, Boston, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Trethaway Bros. (Tin & Galvanized), Parsons, Pa.
Tongue R. E. & Bros. Co., Allegheny av & Amber, Phila., Pa.
Troy Stamping Works, Troy, N. Y.
Union Furnace Mfg. Co., Union Furnace, Pa.
Walters Mfg Co., Fulton bldg, Pittsburgh, Pa.
Whitaker-Glessner Co., Wheeling Corrugating Dept. ("Crescent," "Wheeling," "Virginia," "No-Drip," Galv., with Sprouts or Faucets), Wheeling, W. Va.
Winfield Mfg. Co., Warren, O.

1862— Cans (Packers', Etc.)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Atlantic Can Co., 2108-26 Boston, Baltimore, Md.
Boyer W. W. & Co., 2327 Boston, Baltimore, Md.
Boyle Can Co., Wolfe & Thames, Baltimore, Md.
Columbia Specialty Co. (Plain & Decorated), 1508 E Fayette, Baltimore, Md.
Continental Can Co., Syracuse, N. Y.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Heekin Can Co. (Lard), 6th, New & Culvert, Cincinnati, O.
Johnson-Morse Can Co. (Lithographed & Plain, Lard, Sanitary, etc), Wheeling, W. Va.
Los Angeles Can Co., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book
National Enameling & Stamping Co., 411 5th av, New York
National Can Co., 121 N Caroline, Baltimore, Md.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Peoria Can Co. (Sanitary, Self-Sealing), Peoria, Ill.
Phelps Can Co. (Cap Hole & Vent Hole Style), Key Highway & Lawrence, Baltimore, Md.
Porter C. B. Co., 128 N 2nd, Phila., Pa.
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.
Sanitary Can Co. (Enamel Lined, Plain, etc), 120 B'way, New York
Southern Can Co., 717 S Wolfe, Baltimore, Md.
Tyler Can Co., 1409 Eastern av, Baltimore, Md.
United States Can Co. ("Standard" Solder Hemmed, Sanitary Friction Top & Wax Top), Norwood, Cincinnati, O.
Virginia Can Co. (Lock Seam), Buchanan, Va.
Warren J. M. & Co., Troy, N. Y.
Wheeling Can Co. (Sanitary), Wheeling, W. Va.

1863—Cans (Paint & Varnish)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Conneaut Can Co., Conneaut, O.
Continental Can Co., Syracuse, N. Y.
Dunlap Jno. Co., Carnegie, Pa.
Empire Tin Ware Co. (Paint), 29 So 5th, Brooklyn, N. Y.
FIDELITY CAN CO., 600 S Caroline, Baltimore, Md.
Heekin Can Co., 6th, New & Culvert, Cincinnati, O.
LOS ANGELES CAN CO., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book
Manufacturers' Can Co. ("Peerless," "Tip-Top"), Harrison, N. J.
METAL PACKAGE CORP. OF N. Y., 509 5th av, New York
See adv index at end of book
National Can Co., Detroit, Mich.
New Can Co. (Patent Self-Closing), 326 A, Boston, Mass.
Peoria Can Co. (Self-Sealing), Peoria, Ill.

1864— Cans (Paper)

See also Tubes, Mailing

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Bennett Paper Can & Tube Co., 271 10th, San Francisco, Cal.
Chicago Mailing Tube Co., 425 S Hoyne av, Chicago, Ill.
Chicago Paper Tube & Can Co., 168 N May, Chicago, Ill.
Detroit Paper Tube & Can Co., Ltd., 26 Griswold, Detroit, Mich.
Empire Paper Tube & Box Co., 155 Bank, New York
Improved Mailing Case Co., 309 B'way, New York
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Ritchie W. C. & Co., Green & Van Buren, Chicago, Ill.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
St. Louis Tissue & Mfg. Co., 3417 Chouteau av, St. Louis, Mo.
Seeley Tube & Box Co., 344 Central av, Newark, N. J.
Union Paper Co., 844 Washington, New York

1865— Cans (Park Waste)

Steel Basket Co., Cedar Rapids, Ia.
Stephenson C. H. ("Stephenson"), Lynn, Mass.

1866— Cans (Plain & Lithographic)

BERTELS W. B. & SON CO., INC. (Special Designs, all kinds), Wilkes-Barre, Pa.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.

Cans (Pump)

See Cans, Oil Pump

1867—Cans (Refuse, Street & Park)

Majestic Co., Huntington, Ind.
Orleans Steel Products Co. Inc., 1021H Bienville, New Orleans, La.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book

1868— Cans (Roving)

American Vulcanized Fibre Co. ("Laminar" Fibre & "Sullivan" Seamless Manila Fibre), 504 Equitable bldg. Wilmington, Del.
Cronkhite Co. Inc., 142 Berkley, Boston, Mass.
Diamond State Fibre Co. ("Diamond Fibre," Seamless Manilla Fibre), Bridgeport, Pa.
Gem Stamped Steel Co., Chelsea, Mass.
Hill Jas. Mfg. Co. ("Vulcan" & "Hercules" Fibre & "Hill I.X.X.X." Tin), 52 Westfield, Providence, R. I.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
N. E. Ventilating & Heating Co., 926 Manton av, Providence, R. I.
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Spaulding J. & Sons Co. (Seamless Hard Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. ("No Waste" Seamless Hard Fibre), Miller st, Somerville, Mass.

1869— Cans (Rubbish)

ROCHESTER CAN CO. ("Iron Horse"; also Street Rubbish, Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book

Cans (Safety, Oil & Benzine)

See Cans, Non-Explosive

1870-1—Cans (Self-Sealing)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Can Co., Detroit, Mich.
New Can Co., 326A, Boston, Mass.
Peoria Can Co. (Fruit), Peoria, Ill.
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.

1872—Cans (Shipping, Wood Jacket)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Chapin R. E. Mfg. Works: Batavia, N. Y.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Conneaut Can Co. ("Red Hoof"), Conneaut, O.
Continental Can Co., Syracuse, N. Y.
International Package Co. Inc., 111 Broad, New York *See adv index at end of book*
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Can Co., 36 Washington No, Boston, Mass.
National Can Co. (Boxed), Detroit, Mich.
New Can Co. (Patent Self-Closing), 326A, Boston, Mass.
Roseland Can & Specialty Co. ("Reliable"), Rockford, Ill.
Sexton Can Co. ("Sexton's," also Boxed), 123 Broad, Boston, Mass.

1873— Cans (Spray)

Dobson Wm., Canastota, N. Y.

1874—Cans (Street Cleaning)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Central Stamping Co., 172 Fulton, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Ohio Galvanizing & Mfg. Co. (Sheet Steel), Niles, O.
Orleans Steel Products Co. Inc., 1021H Bienville, New Orleans, La.
Peoria Can Co., Peoria, Ill.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

1875— Cans (Tin)

(Lard, Grease, Paint, Varnish, Dry, Groceries, etc.)
See also Cans, Various Kinds, in index of Contents
See also Boxes & Cans, Litho Metal
AMERICAN CAN CO. (For all known purposes), 120 B'way, New York
See adv index at end of book
American Stopper Co., 19 Verona, Brooklyn, N. Y.
Atlantic Can Co. (Packers' Only), 2108-26 Boston, Baltimore, Md.
Batavia Specialty Co. (Seamless), Batavia, N. Y.
Bennett E. W. & Co., 2000 16th, San Francisco, Cal.
Blanke W. F. Can & Mfg. Co., 116 Pine St. Louis, Mo.
Boyle Can Co., Wolfe & Thames, Baltimore, Md.
Bray & Kates Co. (Creamery), Arlington Heights, Ill.
Bredhoff & Grimley, 344 Front, San Francisco, Cal.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Scotten & M. C. RR., Detroit, Mich.
Burns Jno. & Son, 19 Fulton, New York
Burrows Metal Mfg. Co. (Plain & Decorated), 521 W 23rd, New York
Cadillac Can Co., 835 W 6th, Cincinnati, O.
Canister Co. of New Jersey, Phillipsburg, N. J.
Canton Art Metal Co., Canton, O.
Chapin R. E. Mfg. Works: Batavia, N. Y.
Clark Geo. W., 252 Water, New York.
Clark J. L. Mfg. Co. (Plain & Lithographed Druggists, etc.), Rockford, Ill.
Clines L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
Conneaut Can Co. ("Red Hoop"), Conneaut, O.
Continental Can Co. (Fruit & Vegetable), Syracuse, N. Y.
Cream City Can Works, 241 Oregon, Milwaukee, Wis.
Crunden Martin Mfg. Co. (Oil), 2d & Gratiot, St. Louis, Mo.
Delphos Mfg. Co. ("Lilac Oil"), 1st & Pierce, Delphos, O.
Eastern Shore Can Co., Hurlock, Md.
Fallis Edwin Canning Co., Lowell, Mich.
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Fischer Can Co., Hamilton, O.
Franklinville Canning Co., Franklinville, N. Y.
GEUDER PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gordon-Lawless Co., Omaha, Neb.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Heekin Can Co. (Baking Powder, etc), 6th, New & Culvert, Cincinnati, O.
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Impervious Package Co., Keene, N. H.
Inglis Mfg. Co., 283 5th av, Milwaukee, Wis.
Johnson-Morse Can Co. (Lard, Coffee, Honey, etc., Plain and Lithographed), Wheeling, W. Va.
Kaiser Geo. J., 194 Duane, New York
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Kraft A. C., 323 W. Lake, Chicago, Ill.
Lecomte & Co., Wolcott, Brooklyn, N. Y.
Los Angeles Can Co. (Motion Picture Film), 303 San Fernando rd, Los Angeles, Cal. *See adv index at end of book*
Manufacturers Can Co., Harrison, N. J.
Mason Mfg. Co., 156 So Water, Providence, R. I.
Messenger H. B., Federalsburg, Md.
METAL PACKAGE CORP. OF N. Y. (For All Known Purposes), 509 5th av, New York *See adv index at end of book*
National Can Co. (Packers' Syrup, etc.), 121 N Caroline, Baltimore, Md.
National Can Co., 36 Wash'n N., Boston, Mass.
NATIONAL CAN CO., Detroit, Mich.
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.
New Can Co., 326A, Boston, Mass.
Peoria Can Co., Peoria, Ill.
Phelps Can Co., Key Highway & Lawrence, Baltimore, Md.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Platt & Co., Inc. (Packers), Key Highway & Boyle, Baltimore, Md.
Porter C. B. Co., 128 N 2nd, Phila., Pa
REPUBLIC METALWARE CO., Buffalo, N. Y.
Ritter Can & Specialty Co., 1517 N Hutchinson, Phila., Pa.
Roseland Can & Specialty Co., Rockford, Ill.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Sanitary Can Co. (Tomato, for Whole Tomatoes, etc), 120 B'way, New York
Sexton Can Co. (Benzine Safety, Boxed, Metallic, Jacket, Drug, Varnish, Grease, Aniline, Oyster & Screw Top & Slip Cover, etc.), 123 Broad, Boston, Mass.
Shalita Bros., 268 South, New York
Skat Co., Hartford, Conn.
Southern Can Co. (Fruit, Syrups, etc), 717 S Wolfe, Baltimore, Md.
Steward L. & J. A., Rutland, Vt.
Trench D. G. & Co., 222 N Wabash av, Chicago, Ill.
Troy Stamping Works, Troy, N. Y.
Tyler Can Co. (Packers' Cans Only), 1409 Eastern av, Baltimore, Md.
U. S. Can Co. (Packers, etc), Norwood, Cincinnati, O.
Virginia Can Co., Buchanan, Va.
Wheeling Can Co. (Grease), Wheeling, W. Va.

1876—*Cans (Tin, Fibre & Galvanized)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Baker E. & Co. (Galvanized Iron), 608-10 S La Salle, Chicago, Ill.
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

1877-8— Cans (Tin, Fruit)

See also Cans, Packers, etc.
AMERICAN CAN CO., 120 B'way, New York. *See adv index at end of book*

Plain **TIN CANS** Lithographed

for

PAINT	GREASE	FURNITURE POLISH	TALCUM POWDER	FOODSTUFFS	SYRUPS
OIL	METAL POLISH	CANDY	CIGARS	OYSTERS	Malt Syrups
VARNISH	STOVE POLISH	Pharmaceutical Products	TOBACCO	FISH	PUTTY
WHITE LEAD	SHOE POLISH	TOILET ARTICLES	TEA	Egg Substitutes	PASTES, Etc.

Metal Package Corporation of N.Y.

Executive Office - 509 Fifth Ave. New York City

Plants - New York City Baltimore Brooklyn

Chicago Office - City Hall Square Building

Boyle Can Co., Wolfe & Thames, Baltimore, Md.
Continental Can Co., Syracuse, N. Y.
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Franklinville Canning Co., Franklinville, N. Y.
LOS ANGELES CAN CO., 303 San Fernando rd, Los Angeles, Cal.
See adv index at end of book

LOS ANGELES CAN COMPANY
Los Angeles, California

Manufacturers of fruit, fish and vegetable cans. Also a full line of miscellaneous with the exception of lithographed cans.

Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Peoria Can Co., Peoria, Ill.
Fidelity Can Co., 600-610 S Caroline, Baltimore, Md.

1879— Cans (Waste)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co. ("Atlantic," Galvanized Iron), 180 Ames, Rochester, N. Y.
Bushnell Tank Works, Bushnell, Ill.
Canton Art Metal Co., Canton, O.
Central Stamping Co. (Oily Waste), 174 Fulton, New York
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Oily Waste, Sheet Metal, 1281 E 38th, Cleveland, O.
Continental Can Co., 111 W Washington, Chicago, Ill., Syracuse, N. Y.
Diener Geo. W. Mfg. Co. ("Perfection" Oily Waste), 400 Monticello av, Chicago, Ill.
Dover Stamping & Mfg. Co. (Oily Rag & Waste Can), Cambridge, Mass.
Dressel Railway Lamp Works (Cans & Pails), 3860 Park av, New York
Ely & Williams Co. (Factory Waste & Rubbish), 257 B'way, New York
Erie Metal Products Co., Erie, Pa.
Federal Stamping Co. ("Federal" Oily Waste), Holland, Mich.
Harker Mfg. Co., 121-123 W 3d, Cincinnati, O. *See adv index at end of book*
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Iron Clad Mfg. Co., 178 Cook, Brooklyn, N. Y.
Justrite Mfg. Co. ("Justrite" Sanitary Oily Waste), 2064 Southport av, Chicago, Ill.
Kelly Foundry & Machine Co., Goshen, Ind.
Koven L. O. & Bro. (Oily Waste), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C. ("Nacefas" Oily Waste), 323 W Lake, Chicago, Ill.
Lock-Tite Mfg. Co., Battle Creek, Mich.
Manufacturers Can Co., Harrison, N. J.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Enameling & Stamping Co. (Oily Waste Paper, etc), 411 5th av, New York
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National Marine Lamp Co. (Oily Waste), Forestville, Conn.
New Orleans Roofing & Metal Co. ("Nola" Oily Waste), Cortez & Orleans, New Orleans, La.
North Star Ash Can Co. (Oily Waste), 167 Chrystie, New York
Ohio Corrugating Co., Warren, O.
Orleans Steel Products Co. Inc., 1021H Bienville, New Orleans, La.
Rex-Harris Fire Appliance Co., 310 W. 39th, New York
ROCHESTER CAN CO. ("Iron Horse," Oily Waste), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Roseland Can & Specialty Co. (Oily Rag & Waste), Rockford, Ill.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sexton Can Co. ("Sexton's" Fireproof Oily Waste), 123 Broad, Boston, Mass.
Solar Metal Products Co., Columbus, O.
Standard Fibre Co. ("Fibre"), Miller St, Somerville, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Steel Basket Co. (Oily Waste), Cedar Rapids, Ia.
Stephenson C. H. (Stephenson Always Closed, Fireproof), Lynn, Mass.
Wall P. Mfg. Supply Co., 705 Preble av N S, Pittsburgh, Pa.
Walters Mfg. Co. (Steel Brazed), Fulton bldg, Pittsburgh, Pa.
Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized Waste), Wheeling, W. Va.
Willcox Engineering Co. (Self-Closing for Kitchen Use), 1525 Holland av, Saginaw, Mich.
Wilson Andrew Co. (Oily Waste, Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

1879a—Cans (Water, Railway Car)

Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

Cans (Wood Jacket)

See Cans, Shipping, Wood Jacket

1880— Cant-Dogs

Mansfield E. Corp., Orono, Me.
Peavey Mfg. Co. ("Peavy"), Bangor, Me.
Stevens C. P., Franklin, N. H.
Witham G. S. & Son, Caratunk, Me.

1880a— Canteens

Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Effbee Co., 306 S Franklin, Chicago, Ill
Geuder, Paeschke & Frey Co., Milwaukee, Wis.
Woolwine Metal Products Co. ("Bear Brand"), 8th & Santa Fe av, Los Angeles, Cal.

1881— Canteens (Army)

Campbell A. S. Co. ("Cello"), 276 Commercial, Boston, Mass.
Hemp & Co. ("Utility" Government), St. Louis, Mo.
National Enameling & Stamping Co., 411 5th av, New York
Troy Stamping Works, Troy, N. Y.
Warren J. M. & Co. (Soldiers'), Troy, N. Y.
Woolwine Metal Products Co., 8th & Santa Fe av, Los Angeles, Cal.

1882— Canteens (Miners')

Geuder, Paeschke & Frey Co., 1314-1790, St. Paul, Milwaukee, Wis.
See adv index at end of book
Hardsocg Mfg. Co. (Match Box Canteens), Ottumwa, Ia.
Peoria Can Co., Peoria, Ill.

1883— Cant Flippers (Steam)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Union Furnace Mfg. Co., Union Furnace, Pa.

1884— Canthooks

See also Tools, Logging & Lumberman's
American Logging Tool Co., Evart, Mich.
Atkins E. C. & Co., Indianapolis, Ind.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus Handle & Tool Co. ("Columbus"), Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Geriach Peter Co., 1712 Winter, Cleveland, Ohio
Peavey Mfg. Co. ("Peavey," with Dog Nose, etc), Bangor, Me.
Prouty C. & Co., Eldred, Pa.
Ransome Concrete Machinery Co., Dunelle, N. J.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Standard Saw Mill Machinery Co., Erie, Pa.
Warren Axe & Tool Co., Warren, Pa.
Williams Mfg. Co., Macon, Ga.

1884a—Canvas (Waterproof)

Fulton Bag & Cotton Mills, Atlanta, Ga.
Goss, J. C. Co. (Covers), 16 E. Woodbridge, Detroit, Mich.
Stanley, Wm. W. (Cotton, Duck & Canvas of All Kinds), 50 Church, New York

Capitals (Carved Wood)

See Carvers, Wood, Classic; also Columns, Porch, Etc.

1885-6-7—Capitals (Composition)

See also Ornaments, Composition
Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators Supply Co. (Interior & Exterior), Archer av & Leo, Chicago, Ill.
Detroit Column & Mfg. Co., Holden & M C, Detroit, Mich.
Emmel Chas. & Rose Co. (Papier Mache Staff), 383 Albany, Boston, Mass.
Harnisch Ad. A., Syracuse, N. Y.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Plastic Relief Mfg. Co., 1959 Fulton, Chicago, Ill.

Capitals (Plaster)

See Ornaments, Plastic

1888—Caps (Automobile Radiator)

Atlantic Rubber Co., Linden, Boston, Mass.
Baumann Rubber Co., New Haven, Conn.
Davol Rubber Co., 69 Point, Providence, R. I.
Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
Goodrich B. F. Co., Akron, O.
Legler-Eilerman Co., Dayton, O.
Niagara Insula-Bake Specialty Co., Albany, N. Y.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Rome-Turney Radiator Co., Rome, N. Y.
Vahan Products Co., 73rd & St. Clair, Cleveland, O.
Waterbury Mfg. Co., Waterbury, Conn.

1889— Caps (Bathing)

Goodrich B. F. Co., Akron, O.
Kleinert I. B. Rubber Co., 725 B'way, New York
Parker-Stearns & Co., 286 Sheffield, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.

1890— Caps (Blasting)

Atlas Powder Co., Wilmington, Del.
Du Pont E I de Nemours & Co., Inc. (Sales Dept, Explosives Div.), Wilmington, Del. *See adv index at end of book*
Giant Powder Co., Cons., San Francisco, Cal.
Grasselli Powder Co. (Guardian bldg), Cleveland, O.
Hercules Powder Co. ("Hercules," "California"), Wilmington, Del.

1891-2—Caps (Bottle & Flask)

See also Corks, Crown
Aluminum Container Corp., Fulton, N. Y.
American Bottle Cap Mfg. Co., 53 E Illinois, Chicago, Ill.
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Anchor Cap & Closure Corporation, 81 Prospect, Brooklyn, N. Y.
Ball Brothers Glass Mfg. Co. (Metal Screw), Muncie, Ind.
Bernardin Bottle Cap Co. (Metal), Evansville, Ind.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Bond Mfg Co. ("Bond-Crown"), Wilmington, Del.
Conley Foil Co., 541 W. 25th, New York
Consolidated Fruit Jar Co. (Screw, etc.), New Brunswick, N. J.
Crown Cap Mfg. Co., 201 37th, Brooklyn, N. Y.
Crown Cork & Steel Co., 1511 Guilford av, Baltimore, Md.
Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book
Gem Stopper Co. ("Gesco"), 2120 Nicholas, Phila., Pa.
Hazel Atlas Glass Co. (Bottles), Wheeling, W. Va.
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
Metal Package Corp. of N. Y., 509 5th av, New York.
See adv index at end of book
National Metal Seal Corp., Portland, Me.
Phoenix-Hermetic Co., 3720 14th av, Brooklyn, N. Y.
Piqua Cap Co. (Milk Bottle), Piqua, O.
Ray Geo. A. Mfg. Co. (All Copper Nickel Plated), Buffalo, N. Y.
Sayford Paper Specialty Co. (Paper), Vineland, N. J.
Star Seal Co., 30 Church, New York
Tuttle Press Co., Appleton, Wis.
U. S. Metal Cap & Seal Co. ("Upressit" Metal), 107 W 13th, New York
Waterbury Button Corporation (Metal), 831 So Main, Waterbury, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.
Williams Sealing Corp. (Metal & Cork), Decatur, Ill.

1893— Caps (Chimney)

Adams Co., Dubuque, Ia.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
EDWARDS MFG. CO. (Steel), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Globe Ventilator Co. ("Globe," For Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Klauer Mfg. Co., Dubuque, Ia.
Kramer Bros. Foundry Co. ("Gem" Adjustable Can Iron), Dayton, O.
Loetscher-Ryan Mfg. Co. (Adjustable Clamp, etc), Dubuque, Ia.
Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.
National Mfg. Co. ("Best"), Sterling, Ill.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Scott Roofing & Mfg. Co. (Steel), 408 Culvert, Cincinnati, O.
Standard Ventilator Co. (Revolving), Lewisburg, Pa.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York

1894—Caps (Color, for Incandescent Bulbs)

Betts & Betts Corp., 513 W 42d, New York

1894a— Caps (Cork)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1894b—*Caps (Delay, Electric Blasting)

Du Pont E I de Nemours & Co., Inc., Sales Dept, Explosives Div., Wilmington, Del. *See adv index at end of book*

1894c— *Caps (Drive)

Larkin, J. K. & Co., 253 B'way, New York
See adv index at end of book

1895— Caps (Electric Blasting)

Atlas Powder Co., Wilmington, Del.
Du Pont E I de Nemours & Co., Inc., Sales Dept. Explosives Div., Wilmington, Del. *See adv index at end of book*
Giant Powder Co., Cons., San Francisco, Cal.
Hercules Powder Co. ("Victor" Delay), Wilmington, Del.

1896— Caps (Fruit Jar)

AMERICAN CAN CO. ("Sanicap" for Mason Fruit Jars), 120 Broadway, New York *See adv index at end of book*
Ball Bros. Glass Mfg. Co. ("Boyd" Genuine), Muncie, Ind., & Wichita Falls, Texas
Bernardin Bottle Cap Co., Evansville, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Kerr Glass Mfg. Co., Sand Springs, Okla.
Mason Jar Glass Cap Co., Anderson, Ind.
Metal Package Corp. of N. Y. ("Sanicap" for Mason Fruit Jars), 509 5th av, New York
See adv index at end of book
National Metal Seal Corp., Portland, Me.
Smalley, Kivlan & Onthank ("Kant Krack"), 21 Blackstone, Boston, Mass.

1897— Caps (Fuse)

Patton-MacGuyer Co. (Enclosed), 31 Mathewson, Providence, R. I.

Caps (Gun & Percussion)

See Ammunition Manufacturers

1898— Caps (Hitching Post)

Munnsville Plow Co., Munnsville, N. Y.

1899— Caps (Hub)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Am. Tube & Stamping Co. (Automobile-Pressed Steel), Dept H, Bridgeport, Conn.
Bossert Corporation, The (Automobile, etc.), cor Linden & West av, Utica, N. Y.
BOWEN PRODUCTS CORP. Divs: Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., & Windsor, Ont., Canada
See adv index at end of book
Buffalo Pressed Steel Co., 800 Kensington, Buffalo, N. Y.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Gier Pressed Steel Co., Lansing, Mich.
Globe Machine & Stamping Co. (Drawn Steel), 1250 W 76th, Cleveland, O.
Hartford Machine Screw Co., Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hayward S. F. & Co., 250 W 54th, New York
Imperial Brass Mfg. Co. (Aluminum & Brass), 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
Matthews H. A. Mfg. Co., Seymour, Conn.
Murdock Reed Co., 127 Federal, Boston, Mass.
Pettis W. W. Co., 416 First Natl Bk bldg, Cincinnati, O.
Schweppe & Wilt Mfg. Co., Mt. Elliott & Conant, Detroit, Mich.
Torrey Roller Bushing Works, Bathe, Me.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Worcester Pressed Steel Co., Worcester, Mass.

1900—Caps (I-Beam & Plank)

Yost Mfg. Co. (Cast Steel for Protecting Steel Piling, etc., when Driving into Ground), Meadville, Pa.

1901— Caps (Jelly Glass)

Hazel Atlas Glass Co. (Stamped Metal, Aluminum Zinc & Tin), Wheeling, W. Va.
National Metal Seal Corp., Portland, Me.
Ohio Lantern Co. (Tin), Tiffin, O.

1902— Caps (Milk Bottle)

Crown Cork & Seal Co. ("Dacro"), 1511 Guilford av, Baltimore, Md.
Duren & Co., 34 Summer, Boston, Mass.
Gem Stamped Steel Co. ("Gem" Sanitary), Chelsea, Mass.
Gem Stopper Co. (& Wire Trimmings), 2120 Nicholas, Phila., Pa.
Ivor Glass Co., Columbus, O.
Pa Pro Co., Lowville, N. Y.
Phila. Farmers & Dairymens Supply Co., 1918H Market, Philadelphia, Pa.
Naughan Novelty Mfg. Co. (Covers & Carriers), 711 Fulton, Chicago, Ill.
Piqua Cap Co., Piqua, O.
Roberts Lightning Mixer Co. (Milk Bottle Covers), 39 Pearl, Boston, Mass.
Spahr Mfg. Co. ("Helpmate" Tops), 1423 Vine, Phila., Pa.
Summers Wm. Co., Piqua, O.
Thatcher Mfg. Co., Elmira, N. Y.

1903— Caps (Miners')

Dooley Bros. (Jobbers), 1201 S. Washington, Peoria, Ill.
Hardsocg Mfg. Co., Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Perm Mfg. & Supply Co., Wilkes-Barre, Pa.

1904— Caps (Pile)

Vulcan Iron Works ("Casgrain," for Driving), 327 No Irving av, Chicago, Ill.

1905— Caps (Pipe)

Belcher & Loomis Hardware Co. ("Boss"), 89 Weybosset, Providence, R. I.
General Fire Extingusher Co., Providence, R. I.
Gillette-Vibber Co., New London, Conn.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Larkin, J. K. & Co., 253 B'way, New York.
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO. (Brass), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Newbury J. H., Goshen, N. Y.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, Ohio
See adv index at end of book
McRae & Roberts Co. (Brass), 100 S. Campbell av, Detroit, Mich.
Rockwood Sprinkler Co. ("Rockwood" Pressed Steel), Worcester, Mass.

Caps (Pole)

See Straps, Pole

1906— Caps (Roofing, Tin)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Ammidon & Co., 31 S Frederick, Baltimore, Md.
Barrett Co., 17 Battery pl, New York
Consolidated Fruit Jar Co., New Brunswick, N. J.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Franklinville Canning Co., Franklinville, N. Y.
Globe Iron Roofing & Corrugating Co., Dept H, Newport, Ky.
Horan Stay Hanger Co. (Also Galvanized), 1932 W Jefferson, Louisville, Ky.
Humphrey H. W., Unionville, Conn.
Igoe Bros., 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Merwin Mfg. Co. (Galvanized), Erie, Pa.
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book
National Can Co., Detroit, Mich.
National Enameling & Stamping Co., 411 5th av, New York
Robertson W. F. Steel & Iron Co., Elm & Commerce, Cincinnati, O.
Waterloo Mfg. Co. (Galv.), Waterloo, Ia.
Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

1907— Caps (Screw)

Aluminum Container Corp. (Aluminum), Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Ball Brothers Glass Mfg. Company (Bottle & Can, Metal), Muncie, Ind.
Bernardin Bottle Cap Co. (Retinned Bottle Screw Caps), Evansville, Ind.
Columbia Specialty Co., 1503 E Fayette, Baltimore, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Eagle Mfg. Co., Wellsburg, W. Va.
Franklinville Canning Co., Franklinville, N. Y.
Harrison Bolt & Nut Co., Harrison, N. J.
Hero Mfg. Co. (Aluminum), Westmoreland av & Stokley, Phila., Pa.
Keystone Lantern Co., Tacony & Cottman, Phila., Pa.
National Acme Mfg. Co., 23 S Jefferson, Chicago, Ill.
Metal Package Corp of N. Y., 509 5th av, New York
See adv index at end of book
St. Louis Paper Can & Tube Corporation (Tin), St. Louis, Mo.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

1908— Caps (Ventilating)

Hammann Wm. (Automatic Double Cone), 1057 5th, Milwaukee, Wis.
Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.
Mechanicville Specialty Supply Mfg. Co., Mechanicville, N. Y.
Miller Foundry & Specialty Co. ("Climax," "Tip Top"), N Tonawanda, N. Y.
Sanitary Co. (Soil), Dept. H, Linfield, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

1909— *Caps (Waterproof)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Explosives Div., Wilmington, Del. *See adv index at end of book*
Hercules Powder Co. (Electric Blasting), Wilmington, Del.

1910— Caps (Wooden)

BOGERT & HOPPER, INC. (Cork, Bottle, Spout, Can, etc.), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Corks, Bottles, Can Sprouts, etc), 364 5th av, New York
See adv index at end of book
Gravely B. F. & R. R. (For Steel Pins), Martinsville, Va.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book

1910a— Capsicum

Harshaw, Fuller & Goodwin Co., Elec. bldg. Cleveland, O.

1911— Capstans

American Engineering Co. (Steam & Electric), Aramingo av & Cumberland, Phila., Pa.
Bethlehem Shipbuilding Corp., Ltd. (Marine, Steam & Electric), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Chase Machine Co. (Steam), 2313 Elm, Cleveland, O.
Dake Engine Co. (Steam & Hand Power), Grand Haven, Mich.
Edson Mfg. Co. ("Edson" Hand Power), 257 Atlantic av, Boston, Mass.
Flory S. Mfg. Co. (Steam or Electric), Bangor, Pa.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Hyde Windlass Co. (Electric), Bath, Me.
La Plant-Choate Mfg. Co. (Horse Power), Cedar Rapids, Ia.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Russell Albert & Sons, Newburyport, Mass.
Swenson Grubber Co. (House Moving, etc), Cresco, Ia.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Inc. ("Victor" & "Navy"), Middletown, Conn.
See adv index at end of book
Willamette Iron & Steel Works, Portland, Oregon

1911a—Capstans (Cable Pulling)

Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Swenson Grubber Co., Cresco, Ia.
Thacher Propeller & Foundry Corp., Albany, N. Y.

1912— Capsules

Herold China & Pottery Co., Golden, Colo.
Parke, Davis & Co., Detroit, Mich.
Planten H. & Sons, 93 Henry, Brooklyn, N. Y.
Thermal Syndicate, Ltd., 50 E. 41st, New York

Car Builders

See Cars of Various Kinds

1913—Car Builders' Earthenware

Bellmark Co., Trenton, N. J.

1914— Car Ceilings

American Veneer Co. (Veneer), Hoboken, N. J.
Frost's Veneer Seating Co., Ltd., Sheboygan, Wis.
N. Y. Veneer Seating Co., 171 Pacific av, Jersey City, N. J.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Van Dyck Panel Mfg. Co. (Wood & Pulp), Bound Brook, N. J.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

1915—Car Chutes (Unloading)

Littleford Bros., 444 E. Pearl, Cincinnati, O.
Quick Unloading Car Chute Co., Birmingham, Ala.
Ransome Concrete Machinery Co., Dunellen, N. J.

Southern Foundry Co. (Quick Unloading of Coal, Broken Stone, etc), Owensboro, Ky.

1916—Car Curtains & Materials

ATLANTA TENT, AWNING & MFG. CO., Atlanta, Ga.
Boyle Jno. & Co. (Cotton Duck & Curtain Stripe), 112 Duane, New York
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Lewis Robt. Co., Richmond & Brill, Phila., Pa.
National Lock Washer Co. (Complete Curtains & Fixtures), 65 Johnson, Newark, N. J.
Pantasote Co., 11 B'way, New York
Railway Supply & Curtain Co. (Car Curtains & Fixtures), 618 S Canal, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sillcocks-Miller Co. ("Texodren" Car Shades), S Orange, N. J.
Zapon Leather Cloth Co., 200 5th av, New York

1917— Car Doors & Fittings

See also Doors, Grain

Brill J. G. Co., 62d & Woodland, Philadelphia, Pa.
Camel Co. (Security), 332 S Michigan av, Chicago, Ill.
Chicago Car Door Co., McCormick bldg, Chicago, Ill.
Dahlstrom Metallic Door Co. (Fireproof Steel Car Doors), 413 Buffalo, Jamestown, N. Y.
Eagle Brass Foundry Co., Seattle, Wash.
Edwards O. M. Co. (Extension Platform Trap Doors), Syracuse, N. Y.
International Register Co., 15 S Throop, Chicago, Ill.
Jones Car Door Co. ("Jones," "Jones Peerless," "Smith"), Monadnock blk, Chicago, Ill.
Nat'l Pneumatic Co., 50 Church, New York
Pitt Car Gate Co. (Gibbs Vestibule Door Operating Devices), 221 W 26th, New York
Pressed Steel Car Co. (Tank, Car Fittings, Box & Stock Car Doors), 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co. (Car Door Holders, etc), 53 Oliver, Boston, Mass.
Wallace Supplies Mfg. Co. ("Duplex" Ball Bearing Fixtures for Double Car Doors), 412 Orleans, Chicago, Ill.
Western Railway Equipment Co. ("St. Louis" & "Western," Flush; "Hoerr" & "Missouri," Interchangeable), Central Nat'l Bk bldg, St. Louis, Mo.
Western Steel Car & Foundry Co. (Tank Car Fittings, Box & Stock Car Doors), 122 S Michigan, Chicago, Ill.

1918— Car Dumpers

BARTLETT C. O. & SNOW CO. (Mine Cars), French, Cleveland, O. *See adv index at end of book*
Brown Hoisting Machinery Co., 4403 St. Clair av, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
FULTON IRON WORKS CO. (Sugar Cane), St. Louis, Mo. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Robins Conveying Belt Co., 13 Ann, New York
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

1919—Car Fenders & Wheel Guards

Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cleveland Fare Box Co. ("Cleveland"), 4900 Lexington av, Cleveland, O.
Consolidated Car Fender Co. ("Providence," Fender & Wheel Guard), Vale, Providence, R. I.
Eclipse Railway Supply Co. ("Eclipse," Life Guard), 4824 Pagne av, Cleveland, Ohio
Lord Mfg. Co., 105 W 40th, New York
McGuire-Cummings Mfg. Co. ("Royal Flush" Fender), Harris Trust & Savings bldg, Chicago, Ill.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Parmenter Fender & Wheel Guard Co. ("Parmenter," Fender & Wheel Guard), 89 State, Boston, Mass.
Root Spring Scraper Co., Kalamazoo, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Snow Wire Works Co., Rochester, N. Y.
Trolley Supply Co. (Detachable), Canton, O.

1920— Car Gates & Guards

Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Estey Bros Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Hamilton Wm. Sons Car Co., Newark, Ohio
Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.
Pitt Wm. R. Composite Iron Wks., 548 W 27th, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1921— Car Lighting Apparatus

A. G. A. Railway Light & Signal Co., Elizabeth, N. J.
Consolidated Ry. Elec. Lighting & Equipment Co., 61 B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gould Coupler Co. (Electric Axle Light, etc), 30 E 42nd, New York
Safety Car Heating & Lighting Co. ("Pintsch" Light & Electric), 2 Rector, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
United States Light & Heat. Corp. ("U. S. L." Electric System), Niagara Falls, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1922— *Car Lining

UNION PAPER & TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*

1923—Car Movers or Pushers

See also Bars, Pinch

Aldon Co. ("Sheldon") 3338 W Ravenswood av, Chicago, Ill.
Appleton Car Mover Co. ("Atlas"), Appleton, Wis.
Atkins E. C. & Co. ("Atkins A. A. A."), Indianapolis, Ind.
Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Barnard Machinery Co., Dept. H, Enterprise, Kans.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Handlan-Buck Mfg. Co. ("Victor"), 210-14 N 3rd, St. Louis Mo.
Hercules Car Mover Co., 860 Clark, Appleton, Wis.
Hilts Wrench & Mfg. Co. ("Never-Slip"), Richford, N. Y.
Industrial Supply & Equipment Co., 407 Sanson, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Marseilles Works of Deere & Co. ("Sanson," "Hercules," Power Car Pullers), East Moline, Ill.
Michigan Truck & Lumber Co., Holly, Mich.
Ransome Concrete Machinery Co. ("Radger," "Never Slip"), Dunellen, N. J.
Rowell G. D. & Son, Appleton, Wis.
Stafford E. H. Mfg. Co. ("Easy"), 218 S Wabash av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Stephens-Adamson Mfg. Co. ("Sheldon Movers"), Aurora, Ill.
Verona Tool Works (Car Pushers or Locomotive Pinch Bars), Oakmont, Pa.
Webster Mfg. Co. ("Sheldon"), 4500 Cortland, Chicago, Ill. *See adv index at end of book*
Wentink Mfg. Corp., Menasha, Wis.
Zelnicker Walter A. Supply Co. ("Zelnicker," Double Clutch Car Mover Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*

1924—Car Parts (Of Every Description)

American Car & Foundry Co., Syndicate Trust bldg, S. Louis, Mo.

1925— Car Plush

Chase L. C. & Co. ("Goat Brand" Mohair Velvets), 89 Franklin, Boston, Mass. *See adv index at end of book*
Collins & Aikman Co., 4675 Nixon, Phila., Pa.
Goff D. & Sons (Mohair), Pawtucket, R. I.
Massachusetts Mohair Plush Co. (Mohair), 200 Devonshire, Boston, Mass.
Sanford Mills, Sanford, Me.

Car Pushers

See Car Movers or Pushers

1926-7— Car Repair Work

Anniston Electric Steel Corp., Anniston, Ala.
Hamilton Wm. Sons Car Co., Newark, Ohio

1928—Car Seats, Chairs & Fittings

American Motor Body Co. ("Walk-Over"), 18th & Leigh av, Phila., Pa.
Barney & Smith Car Co. (Railway Seating, etc.), Dayton, O.
Brill J. G. Co. ("Winner," "Waylo"), 62nd & Woodland av, Phila., Pa.
Dayton Mfg. Co., Dayton, O.
Eagle Brass Foundry Co., Seattle, Wash.
Hamilton Wm Sons Car Co., Newark, Ohio
Heywood Bros. & Wakefield Co. (Seats, etc.), Gardner, Mass.
International Register Co., 15 S Throop, Chicago, Ill.
New York Veneer Seating Co. (Veneered Seats & Chairs), 171 Pacific av, Jersey City, N. J.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1929— Car Steps & Treads

See also Stair Treads

For Rubber Treads, See Mats & Matting—Rubber
American Mason Safety Tread Co. ("Stanwood"), Lowell, Mass.
American Mason Safety Tread Co. ("Mason" & "Stanwood"), Lowell, Mass.
Hamilton Wm. Sons Car Co. (Car Steps Only), Newark, Ohio
Universal Safety Tread Co., Waltham, Mass.

1930— Car Trimmings

See also Car Curtains & Materials

Adams & Westlake Co. (Metal Coach), 319 W Ontario, Chicago, Ill.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. (Metal), Atlantic av & Chestnut, Brooklyn, N. Y.
Creamer W. G. & Co. (Also Trolley Car Trimmings), 96 John, New York
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Delaware Marine Mfg. Co. (Brass & Bronze), Wilmington, Del.
Dayton Mfg. Co. (Brass & Bronze), Dayton, O.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Fabrikoid Div., Wilmington, Del. *See adv index at end of book*
Edwards O. M. Co., Inc., Syracuse, N. Y.
Halstead & Co. (Brass), 1129 Cherry, Phila., Pa.
Hamilton Wm. Sons Car Co. (Brass & Bronze), Newark Ohio
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Howard Jas. L. & Co. (Metal), Hartford, Conn.
Ives H. B. Co., New Haven, Conn.
Johnson Bronze Co. (Brass & Bronze), New Castle, Pa.
Loeffelholz Co. (Brass), Milwaukee, Wis.
Midland Metal Co. (Brass & Bronze), 21st & Jefferson, Phila., Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Scullin Steel Co. (Cast Steel for Freight Cars), 6700 Manchester av, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

1931—Car Truck Side Frames

Bettendorf Co. (Cast Steel for Freight Cars), Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland, Phila., Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.

1932—Car Truck & Body Bolsters

American Bridge Co. (Car Bolsters), 30 Church, New York
American Car & Foundry Co., Syndicate Tr. bldg, St. Louis, Mo.
American Steel Foundries (Open Hearth Cast Steel), McCormick bldg., Chicago, Ill.
Bettendorf Co. (Trucks & Cast Steel Bolsters), Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland, Phila., Pa.
Buckeye Steel Castings Co. (Cast Steel), Columbus, O.
Chicago Railway Equipment Co. ("Monitor"), 1928 W 46th, Chicago, Ill.
Commonwealth Steel Co. (Cast Steel), Pierce bldg., St. Louis, Mo.
Gould Coupler Co., 30 E 42nd, New York
Hamilton Wm. Sons Car Co., Newark, Ohio
Pittsburgh Steel Foundry Co. (Open Hearth Steel Car Bolsters), 1115H Empire bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
S. P. F. WOOD PRESERVING CO., INC., 76 Wall, New York, N. Y., & 78 Beverly, Boston, Mass.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Scullin Steel Co. (Cast Steel), 6700 Manchester av, St. Louis, Mo.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Western Steel Car & Foundry Co., 112 S Michigan, Chicago, Ill.

1933-4—Car Window Fixtures

Brill J. G. Co., 62d & Woodland, Phila., Pa.
Edwards O. M. Co., Inc. ("Paownyc"), Syracuse, N. Y.
Ives H. B. Co., New Haven, Conn.
McCord Mfg. Co. ("Universal"), 2587 Grand blvd, Detroit, Mich.

1935—Carbanese (Iron Purifier)

Midvale Mining & Mfg. Co., Central Nat'l Bk. bldg, St. Louis, Mo.

1935a— Carbazole

Barrett Co., 17 Battery pl, New York

Carbide Mfrs.
See Calcium Carbide

1935b— Carbofrax
Carborundum Co., Niagara Falls, N. Y.

1936— Carbolineum Importers
Carbolineum Importing Co., 76 Wall, New York
Northeastern Co., 80 Beverly, Boston, Mass.
PROTEXOL CORPORATION, formerly Carbolineum Wood Preserving Co., 41 Barclay, New York
S. P. E. WOOD PRESERVING CO., INC., 76 Wall, New York

1937— Carbon Bi-Sulphide
Dow Chemical Works, Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield John W., 248 N. 10th, Brooklyn, N. Y.
Katzenbach & Bullock Co., 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
National Gum & Mica Co., 59th & 11th av New York
Rollin Chemical Corp., 120 Broadway, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Taylor Chemical Co. (In Drums), Penn Yan, N. Y.
Warda John C. & Co. (Also Prepared), 273 Greene, Brooklyn, N. Y.
Wheeler, Reynolds & Stauffer, 624 California, San Francisco, Cal.

1937a—Carbon (Black Diamonds & Bortz)
Acme Diamond Tool Co., 12-16 John, New York
Atkins, Kroll & Co., 260 California, San Francisco, Cal.
Bandler Bernard & Sons (For Diamond Drills & All Mechanical Purposes), 220 5th av, New York
Baszanger Co. (Also Rough Diamonds), 65 Nassau, New York
Byron & Hall, 116 Broad, New York
Crafts Arthur A. Co. ("Crafts" Black Diamonds only), 125 Summer, Boston, Mass.
Dessau D., Printing Crafts bldg, 33rd & 34th & 8th av, New York
See adv index at end of book
Dessau Maurice S. (For all Mechanical Purposes), 106 Maiden la, New York
See adv index at end of book
Dessau's S. Sons (For All Mechanical Purposes), 106 Maiden La, New York
Dessau's S. Sons (For All Mechanical Purposes), Printing Craft bldg, 33rd & 34th, 8th av, New York
Diamond Pointed Tool Co., 141H Fulton, New York
Dickinson Thos. L., 64 Nassau, New York
Ehrmann & Bahlsen, 2 Maiden la, New York
Francis & Co., Hartford, Conn.
Gutman Chas. (Imp.), 35 Nassau, New York
Levine Abram, 14 John, New York
Mendes Cutting Factories, 14 John, New York
Meyers W. F. Co. (Or African Diamonds), Bedford, Ind.
Rose S., 23 Maiden lane, New York
Rose S. Co., 12 John, New York
Patrick R. S., Sellwood bldg, Duluth Minn.
Stern Bros. & Co., 68 Nassau, New York
Wheel Truing Tool Co., Penobscot bldg, Detroit, Mich.

1938-8s— Carbon Black Mfrs.
Binney & Smith Co. (& Blacks of Every Description), 81 Fulton, New York
Cabot Godrey L., Old South bldg, Boston. Mass.
Columbian Carbon Co., Williamsport, Pa.
Diamond Carbon Co., Atlas Bank bldg, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hyde Carbon Black Co., Ridgway, Pa.
Imperial Oil & Gas Products Co., Harrisville, W. Va.
Martin L. Co. ("Sunset," "New Century," "Anchor" & "Elephant"), 81 Fulton, New York
Morrill Geo. H. Co., Norwood, Mass.
National Sales & Trading Co. (Pressed), Cleveland, O.
Osborn C. J. Co., 132 Nassau, New York
Peerless Carbon Black Co., 1st National Bank bldg, Pittsburgh, Pa.
Rock Run Carbon Co., Warren, O.
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book
Seaver & Co., 120 Milk, Boston, Mass.
Smith J. Lee & Co., 19 Jacob, New York
Southern Carbon Co., Warren, O.
Weston Carbon Co., Warren, Pa.

1938b—Carbon (Decolorizing and Deodorizing)
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Industrial Chemical Co. ("Filtchar & Superfilchar"), 200 5th av, New York
Binney & Smith Co., 81 Fulton, New York

1938c—Carbon Dioxide (Liquid)
Chicago Carbonic Gas Co., 904 W. Superior, Chicago, Ill.
Lennox Chemical Co., 1205 E. 55th, Cleveland, O.
Ohio Chemical & Mfg. Co., Cleveland, O.

1938d— Carbon (Filtering)
Binney & Smith Co., 81 Fulton, New York

1938e— Carbon (Gas Retort)
Brockton Gas Light Co., Brockton, Mass.
Buffalo Gas Co., Buffalo, N. Y.
Calhoun Gas Co., Battle Creek, Mich.
Derby Gas Co., Derby, Conn.

1939— Carbon Mfrs.
Acheson Graphite Co. (Pure), Niagara Falls, N. Y.
Carbic Mfg. Co. (For Use in Welding), Duluth, Minn.
Corliss Carbon Co., Bradford, Pa.
Elk Graphite Milling Co., St. Marys, Pa.
National Carbon Co., Madison av, N W, & W 117th, Cleveland, Ohio

1940—Carbon (Manganese Dioxide)
Gilchrist Robt. Co. (Ground), Elizabeth, N. J.

1941— Carbon Removers
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Ansonia Mfg. Co., Ansonia, Conn.
BASTIAN-BLESSING CO., 125 Austin av, Chicago, Ill.
See adv index at end of book
Beckley-Ralston Co. ("Carbosolvent"), 1801 S Michigan av, Chicago, Ill.
Bishop & Babcock Co. ("Eureka" Oxygen Decarbonizing Device), 1204 E. 55th, Cleveland, O.
Chicago Automobile Supply House ("Chi-Cago" Liquid), 1351 S Michigan av, Chicago, Ill.
Detroit White Lead Works ("Rogers"), 560 E. Milwaukee av, Detroit, Mich.
Diamond Specialty Co. ("Diamond"), Indianapolis, Ind.
Dyer G. H. Co., Cambridge, Mass.
Economy Welding Machine Co., Kansas City, Mo.
Fidelity Brass Mfg. Co., 1001 W Washington blvd, Chicago, Ill.
Gibson Co., 424 N Capitol blvd, Indianapolis, Ind.
Hall-Thompson Co. ("Wonder Worker" & "Magic Decarbonizer"), Hartford, Conn.
Harvey Chemical Co. ("Harvey" Chemical), Lafayette, Ind.
Johnson S. C. & Son, Racine, Wis.
Lakewood Chemical Co. ("Autopower"), Hird, Cleveland, O.
Linde Air Products Co., 30 E 42nd, New York
Michener E. S., 80 E Washington, New Castle, Pa.
Milwaukee Auto Specialty Co. ("Decarbonizer," "Masco," "Liquid"), 711 Chestnut, Milwaukee, Wis.
Motor Car Supply Co. ("M. S. C."), 1453 Michigan av, Chicago, Ill.
Nacto Cleaner Corp. ("Nacto"), 2171 Madison av, New York
Northwestern Chemical Co. ("Carbonox"), Marietta, O.
Panama Oil & Grease Co. ("Wheatley"), 159 W 51st, New York
Prest-o-Lite Co. ("Prest-o"), Indianapolis, Ind.
Standard Varnish Works ("Kwickwork"), 90 West, New York
Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
Van Tilburg Oil Co. ("Car-Bon-Go"), 2428 University av S E, Minneapolis, Minn.
Worko Co., Racine, Wis.

1942-9— Carbon Tetrachloride
Dow Chemical Co., Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield John W., 248 N. 10th, Brooklyn, N. Y.
Innis Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Merck & Co., 45 Park pl, New York
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
National Sales & Trading Co. (Black), Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Rollin Chemical Corp., 120 B'way, New York
Warner Chemical Co. (Non-Inflammable Solvent), 52 Vanderbilt av, New York

Carbonate of Ammonia
See Ammonium Carbonate

Carbonate of Barytes
See Barium Carbonate

Carbonate of Copper
See Copper Carbonate

Carbonate of Iron
See Iron Carbonate

Carbonate of Lime
See Lime Carbonate

Carbonate of Magnesium
See Magnesium Carbonate

Carbonate of Nickel
See Nickel Carbonate

1950— Carbonate of Potash
Bird J. A. & W. & Co. (Imp. "Bull's Head" Brand), 88 Pearl, Boston, Mass.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co. (Imported), Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la., New York
Highfield John W., 248 N. 10th, Brooklyn, N. Y.
INNIS, SPEIDEN & CO., Inc. (Calcined All Tests), 46 Cliff, New York
See adv index at end of book
Peters, White & Co. (Importers), 55 John, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Takamine Commercial Co. (Imp.), 120 B'way, New York
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

Carbonate of Soda
See Sal-Soda

1951—Carbonation or Saturation Plants
Dyer Co., 2031 Euclid av, Cleveland, O.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.

1952— Carbonators
American Soda Fountain Co., 282 Congress, Boston, Mass.
Bastian-Blessing Co., 125 W Austin av, Chicago, Ill.
See adv index at end of book
Bishop & Babcock Co. ("Eureka," "Champion" Electric, Hydraulic, etc), 1204 E 55th, Cleveland, O.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Getz, M. & Co., 162 First, San Francisco, Cal.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
McCahill Soda Fountain Co., 407 W 59th, New York
Maas Carbonator Co. ("Maas"), 2228 Clybourn, Milwaukee, Wis.
Pacific Carbonator Co., 133 W 24th, New York
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Schneible C. A., Esq. (& Repairs), 132 E 121st, New York
Twitchell S. Co. ("Washington," "President"), 223 Vine, Phila., Pa.

1953-4— Carbonizing
American Metal Treatment Co., Elizabeth, N. J.
Buchanan C. G. Chemical Co. ("Pack" & "Triangle B" Compounds), 4650 Baker av, Cincinnati, O.
Century Steel Co. of Am., Poughkeepsie, N. Y.
Kohler Die & Specialty Co., De Kalb, Ill.
Meisel Press Mfg. Co. (Steel), 942 Dorchester av, Boston, Mass.
Michigan Steel Casting Co. (Boxes & Pots), 248H Guoin av, Detroit, Mich.
Reliance Engineering Co., Lansing, Mich.
Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.

Carbonizing (Steel)
See Carbonizing

1955— Carbons (Arc Light)
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Kandem Electric Co. (Imp), 152 Chambers, New York

National Carbon Co. ("Columbia," "Headlight," "Silvertip," "National & White Projector," "Regenerative Flaming," "Silvertip Flame"), Madison av, N. W., & W 117th, Cleveland, O.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Reisinger Hugo ("Excello" Flaming Arc, "Electra," Importers), 11 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1956-7—Carbona (Battery)

American Carbon & Battery Works of Nat'l Carbon Co. Inc., East St. Louis, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
National Carbon Co. (Cylinders, Pencils, Plates), Madison av N. W. & W. 117th Cleveland, O.
Speer Carbon Co., St. Marys, Pa.
Stackpole Carbon Co., St. Marys, Pa.
Universal Carbon Co., Dundee, Ill.

Carbons (Crucible)

See Carbon Mfrs.

1958— Carbons (Searchlight)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
National Carbon Co., Madison av, N. W. & W 117th, Cleveland, O.

Carbons (Welding)

See Carbon Mfrs.

Carborizing

See Compounds, Case Hardening & Tempering

Carboys

See Stoneware, Chemical

1959— Carboys (Glass)

American Bottle Co., 38 S Dearborn, Chicago, Ill.
Bottlers' & Mfrs. Supply Co., 218 E 37th, New York
Gayner Glass Works, Salem, N. J.
Hawley Glass Co., Hawley, Pa.
Illinois Glass Co., Alton, Ill.
North Baltimore Bottle & Glass Co., Terre Haute, Ind.
Pacific Coast Glass Works, 7th & Irwin, San Francisco, Cal.
Reading Glass Works, Reading, Pa.
Whitall Tatum Co., 48 Barclay, New York

1960— Carburetors

Acme Carbureter & Mfg. Co., Dayton, O.
Air Friction Carbureter Co., Dayton, O.
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
Apex Elec. Mfg. Co. ("Apex" Throttle for Automobiles), 1410 W 59th, Chicago, Ill.
Bowen Corp. ("Garillus") Detroit, Mich.
Breeze Carburetor Co. (Kerosene & Gasoline), 250 South, Newark, N. J.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Briscoe Devices Co., Jackson, Mich.
Byrne Kingston & Co. ("Kingston"), Kokomo, Ind.
Camden Anchor-Rockland Mach. Co. ("Knox"), Camden, Me.
Carter Carbureter Co., 2840 N Spring, St. Louis, Mo.
Col-Mac Co. ("Col-Mac"), 250 South, Newark, N. J.
Detroit Lubricator Co. ("Stewart"), Detroit, Mich.
Detroit Motor Castings Co. ("B-D"), 299 Beaufait, Detroit, Mich.
Dow Mfg. Co. ("Methot"), Braintree, Mass.
Ensign Carburetor Co. Inc. (Truck & Tractor), 217 E 17th, Los Angeles, Cal.
Essex Brass Foundry Co., Cambridge, Mass.
Findeisen & Kropf Mfg. Co. ("Rayfield"), 2559 W 21st, Chicago, Ill.
Folberth Auto Specialty Co., 7914 Lake av, Cleveland, O.
Fowler Lamp & Mfg. Co. ("Vortex"), 59 E 24th, Chicago, Ill.
Franklin Oil & Gas Co. ("Franklin"), Bedford, O.
Gardner Carburetor & Brass Works ("Gardner Visible"), Shreveport, La.
Generator Valve Co. ("Acorn," "Eclipse"), 47 Dinsmore pl, Brooklyn, N. Y.
Gravity Carburetor Co., Woodland av, Cleveland, O.
H. & N. Carburetor Co. ("H. & N"), 1675 B'way, New York
Holley Carburetor Co. ("Hollery"), 145 Willis av, E. Detroit, Mich.
Holtzer-Cabot Electric Co. ("Newcomb"), 125 Amory, Boston, Mass.
Hoyt Electric Instrument Works ("Lovejoy"), Penacock, N. H.
Hoyt Fred C., 15 Union av, Boston, Mass.
K. D. Carburetor Co., Hamilton & Marquette, Cleveland, O.
K.-W. Ignition Co., Chester av & E 30th, Cleveland, O.
Lucas-Wallace Mfg. Co. ("Wallace"), Paducah, Ky.
McCord Mfg. Co. ("McCord"), 2587 Grand blvd, Detroit, Mich.
McKeen Motor Car Co., Omaha, Neb.
Marvel Carburetor Co. ("Marvel"), Flint, Mich.
Maxi Co. ("Maxi"), 114 W 30th, New York
Mayer Carburetor Co., 2673 Main, Buffalo,
Mechanical & Electrical Mfg. Co., 2227 Prairie av, Chicago, Ill.
Milwaukee Auto Engine & Supply Co. ("Milwaukee"), 841- 29th, Milwaukee, Wis.
Milwaukee Auto Specialty Co. ("Milwaukee"), 711 Chestnut, Milwaukee, Wis.
Monarch Valve Co., 112 Front, Brooklyn, N. Y.
Mosler A. R. & Co. ("M. & B."), Mt. Vernon, N. Y.
Motsinger Device Mfg Co., Lafayette, Ind.
Nelson Tool Co., Inc. ("Stokes"), 782 E 142d, New York *See adv index at end of book*
North Chicago Machine Co. ("Palmbla Atomizer"), North Chicago, Ill.
P. R. Mfg. Co. ("Zephyr"), Detroit, Mich.
Schlosser Mfg. Co., 151 E 126th, New York
Schoen-Jackson Co. ("Feps"), Media, Pa.
Simms Magneto Co., East Orange, N. J.
Shain Chas. D. ("Shain" Ball Spray), Sta. L, Bklyn, N. Y.
Shakespeare Co. ("Shakespeare"), Kalamazoo, Mich.
Specialty Brass Co. ("Linga" Kerosene), Kenosha, Wis.
Stokes Carburetor Co., Inc. ("Stokes" Dual), 386 E 133rd, New York
Stromberg Motor Devices Co. ("Stromberg"), 64 E 25th, Chicago, Ill.
Sunderman Corp. ("Sunderman"), Newburgh, N. Y.
Tillotson Mfg. Co. ("Tillotson"), Toledo, O.
Tom Thumb Carbureter Co. ("Tom Thumb"), New London, O.
Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
Vincennes Motor Mfg. Co. ("Hunters"), Vincennes, Ind.
Water Gas Carbureter Co., 1504 Grand av, Kansas City, Mo.
Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.
Wilcox-Bennett Carburetor Co. ("Bennett"), 1030 Marshall, Minneapolis, Minn.
Zenith Carburetor Co., ft Hart av, Detroit, Mich.

1961— Cardboard

See also Box Board Mfrs.

Agar C. A. & Co. (Mounters), 167 41st, Brooklyn, N. Y.
Amboy Paper Co. (Bristol), Bridgeport, Pa.
Am. Coating Mills, Elkhart, Ind.
American Luminous Products Co. ("Radio"), Huntington Park, Cal.
American Wood Board Co., Schuylerville, N. Y.
American Writing Paper Co. (Index Bristols), Holyoke, Mass.
Blandy Paper Co., Schuylerville, N. Y.
Brown E. M. Paper Co., Rock City Falls, N. Y.
Champion Coated Paper Co., Hamilton, O.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
Columbian Paper Co., Buena Vista, Va.
Contoocook Valley Paper Co., West Henniker, N. H.
Crocker, Burbank & Co., Fitchburg, Mass.
Earl M. J., Reading, Pa.
Falulah Paper Co. (Coated), Fitchburg, Mass.
Fitchburg Paper Co., Fitchburg, Mass.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
International Paper Co., 30 Broad, New York
Kalamazoo Paper Co., Kalamazoo, Mich.
Monarch Paper Co., Kalamazoo, Mich.
Regenstein-Veeder Co., 1328 N Halsted, Chicago, Ill.
Riverview Coated Paper Co., Kalamazoo, Mich.
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass
West Virginia Pulp & Paper Co. (Index Bristols), 200 5th av, New York

1961a—Cards (Coin Mailing)

Detroit Coin Wrapper Co. ("Leonard"), 37 W Milwaukee, Detroit, Mich.
Lindley Box & Paper Co., Dept. H, Marion, Ind.

Card Indexes

See Filing Cabinets & Devices

1962— Cards (File)

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
NICHOLSON FILE CO. ("Nicholson"), Providence, R. I. *See adv index at end of book*
Phoenix Hdwe Co., Buffalo, N. Y.
Tragle Mfg. Co. ("I X L"), Reading, Pa.
Watson L. S. Mfg. Co., Leicester, Mass

1963—Cards (Horse, Cotton & Wool)

Watson L. S. Mfg. Co. ("Watson"), Leicester, Mass.

1964—Cards (Index & Guide)

Boston Index Card Co. (Plain & Celluloid, also Folders), 113 Purchase, Boston, Mass.
Continental Fibre Co., Newark, Del.
Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*
Elsinore Paper Co., 131 24th New York
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Goodline Mfg. Co. (All-Metal), Kent, O.
INDEX VISIBLE, INC. ("Index Visible," Plain & Celluloid, Visible Card Index System & Equipment), 441 Chapel, New Haven, Conn.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.
Shaw-Walker Co., Muskegon, Mich.
Standard Index Card Co. (Also Celluloid Tipped Guide Cards), 709 Arch, Phila., Pa.
Yawman & Erbe Mfg. Co., St. Paul, Rochester, N. Y.

1965— Carlines

Chicago Cleveland Car Roofing Co., 80 E Jackson boul, Chicago, Ill.
Cleveland Car Specialty Co. (Pressed Steel), Lakeside opp. E 45th, Cleveland, O.
Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Pressed Steel), 122 S Michigan, Chicago, Ill.

1966—Carousels, Organs, Etc.

Dentzel Wm. H., 3641 Germantown av, Phila, Pa.
Health Merry-Go-Round Co., Quincy, Ill.
Mangels Wm. F. Co., 2863 W 8th, Brooklyn, N. Y.
Morris E. Joy, 902 Walnut, Phila., Pa.
North Tonawanda Musical Instrument Wks. (also Skating Rinks), N. Tonawanda, N. Y.
Parker C. W. (Jumping Horses), Leavenworth, Kan.
Phila. Toboggan Co. (Carousels Only), 1304 E Duval, Germantown, Phila., Pa.

Carpenters & Builders

See Contractors, Building & General

Carpeting (Rubber)

See Mats & Matting, Rubber

1967—Carriage Calls (Electric)

Betts & Betts Corp., 513 W 42d, New York.
Edwards & Co., Exterior & 140th, New York
Electric Carriage Call & Specialty Co. (For Theatres, etc.), 311 W 40th, New York
Norden Elec. Sign Co., 311 W 40th, New York
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
U. S. E. M. Co., 301 W 37th, New York

1968—Carriage Cloth (Rubber & Enamel)

Chase L. C. & Co. (Motor Car), 89 Franklin, Boston, Mass. *See adv index at end of book*
du Pont Fabrikoid Co. (Rubber), Wilmington, Del.
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
Goodlatte T. R. & Sons, Inc. (Black Enamel), Delawanna av, Delawanna, N. J. *See adv index at end of book*
Heath Edmund F. & Son (Enamel & Rubber), 225 Warren, Newark, N. J.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Landers Bros. Co., Toledo, O.
Mechanical Fabric Co. (Rubber), 40 Sprague, Providence, R. I.
O'Bannon Corp., 200 Fifth av, New York
Pocona Rubber Cloth Co., Trenton, N. J.

1969— Carriage Cloth (Woolen & Worsted)

American Mills Co., Rockville, Conn.
Fabyan Woolen Co., Stafford Springs, Conn.
Glenside Woolen Mills, Skaneateles Falls, N. Y.
Harris Emery Co., Pensacook, N. H.
Libbey W. S. Co., Lewiston, Me.
Neponset Woolen Mills, Canton Junction, Mass.
Portland Woolen Mills, Portland, Oregon
Roy Woolen Co., Watervliet, N. Y.
Saxton Woolen Co., Norwich, Conn.
Sayles A. L. & Sons, Pascoag, R. I.
Slater S. & Sons, Webster, Mass.
Stevens M. T. & Sons Co., North Andover, Mass.
Talbot Mills, N. Billerica, Mass.
Waterloo Woolen Mfg. Co., Waterloo, N. Y.

1970— *Carriage Trimmings

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Fabrikoid Div. ("Fabrikoid," also Wagon Trimmings), Wilmington, Del.
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

CARRIAGE TRIMMINGS

Turned and Twisted Spindles—Also Bent Spindles

Catalog Issued—Get Our Prices

STEVENSON MFG. CO.

SOUTH BEND, IND.

1971—Carriage Trimmings (Plated)

See also Hardware Manufacturers, Carriage

Enterprise Brass & Plating Works, 6th & Baymiller, Cincinnati, O.
White Mfg. Co. (also Brass), Bridgeport, Conn.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

1972— Carriages

See also Carriages classified according to their various kinds; also Carts; Wagons; Automobile Builders, etc.

ALABAMA.

ANNISTON—Hale Buggy Mfg. Co.
BIRMINGHAM—Birmingham Buggy Co.
Birmingham Carriage & Wagon Co.
MOBILE—Bloch Brothers
Nack Carriage & Wagon Works

CALIFORNIA.

FRESNO—Lyons-Morgan Co.
OAKLAND—Sohst John E. W.
SACRAMENTO—Bowman Carriage Co., Sacramento, Cal.
Meister A. & Sons Co.
SAN DIEGO—Tiffany's Carriage Works
SAN FRANCISCO—Grave B. Co., 732 Brannan
Holmes H. E. & Co., 747 Folsom
Neumiller J. & G., 125 Fell
Reutschler Bros., 1767 15th
Studebaker Bros. Co. of Calif., 413 Mission
Wertsch Wm. Co., 24 Page
STOCKTON—Phelan S. F.
Tremain E. E.
VALLEJO—Vallejo Carriage Works

COLORADO.

COLORADO SPRINGS—Loesch H. C.
DENVER—Copenhaver & Maloy.
Hulen Taylor A. Carriage & Wagon Works
Niederhut Carriage Co.
Orrock Carriage Co.
Pursel & Standley
Standard Carriage Co.
PUEBLO—Jackson George
Morrissey Carriage Co.
Pueblo Carriage Co.

CONNECTICUT.

BANTAM—Flynn & Doyle Co.
BRIDGEPORT—Hall C. W. Carriage Co. 191 John
Provost C. M.
Bryan & Lutz
HARTFORD—McGurk B. L.
NEW BRITAIN—New Britain Carriage Co.
NEW HAVEN—Armstrong M. Co., 433 Chapel.
Goodrich J. F. & Co. (Buggies, Broughams, Surreys, Victorias)
New Haven Carriage Co.
NEW LONDON—Moran D. E. & J. F.
NORWICH—Scott & Clark Corp'n.
SOUTH NORWALK—Wright Luther M.

DELAWARE.

EDGEMOOR—Rotthouse Charles A.
WILMINGTON—Bowe Carriage Co.
Cahill & Co.
Cooling Carriage Co.
Guthrie, Jones & Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Crown J. F. & Son, 2115½ L, N E
McReynolds R. & Sons, 1432 L, N W

GEORGIA.

ATLANTA—Blount Carriage & Buggy Co.
BARNESVIILE—Franklin Buggy Co.
Summers Buggy Co.
COLUMBUS—Friedlaender Julius & Co.
Miller J. E. & Co.
DUBLIN—Dublin Buggy Co.
EAST POINT—Blount Carriage & Buggy Co. (Surreys & Spring Wagons)
ELBERTON—Aulds J. F. Sons
GAINESVILLE—Bagwell Mfg. Co.
GRIFFIN—Norman Buggy Co.
Empire Buggy Co.
JACKSON—Carmichael Buggy Co.
MACON—Williams Wagon Wks.
SAVANNAH—Chatham Carriage Co.
Hull Vehicle Mfg. Co. (Buggies)
VALDOSTA—South Georgia Buggy Co.

ILLINOIS.

ALTON—Miller Dan Buggy Co.
AURORA—Frazier W. S. & Co. (Sulkies, Runabouts, Surreys)
Knapp O. P. & Son
BELLEVILLE—Heinzelman Bros. Carriage Co.
Merker & Wirsing
BLOOMINGTON—McKee & Shade
Martens-Leary Co.
BUSHNELL—Ball I. M. & R. E.
CHICAGO—Beyerlein John, W 5626 South Park av
Chicago Coach & Carriage Co., 1223 S Michigan av
Erby Wm. & Sons Co., 121 W Grand av
Herzog Bros., 220 Wendell
Kimball C. P. & Co., 3900 S Michigan av
Landshaft Wm. & Son, 2336 Milwaukee av
Lawder Arthur A. & Sons, 6910 Lafayette
Lindskog Auto Carriage & Wagon Works: 3522 Vinc av
Metzler J. & Sons Co., 158 E Grand av
Seitz Geo., 745 Bowen av
Smith J. C. Co., 58 E 20th
Smith P. & Co., 209 W Austin av
Staver Carriage Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys), 76th & Wallace
Stone C. & Sons, 1658 Ogden av
DALLAS CITY—Burg L. Carriage Co. (Buggies, Phaetons, Surreys)
DANVILLE—Danville Buggy Co.
Snyder D. D. & Co.
DEKALB—De Kalb Wagon Co. (Carriages or Cabs Storm)
EAST ST LOUIS—Century Mfg. Co.
ELGIN—Van Wambeke H. F. (Runabouts)
FAIRBURY—Fairbury Carriage Co.
FREEPORT—Henney Buggy Co.
Tiger Vehicle Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys)
JACKSONVILLE—Hall Bros.
MANTENO—Smith's, H. Sons
MENDOTA—Schaller & Goebel
Sunday & Faber
MOLINE—Henney Buggy Co.
Moline Plow Co. (Buggies, Concord Buggies & Wagons, Surreys)
Sechler D. M. Implement & Carriage Co. (Buggies, Phaetons, Surreys)
Velie Carriage Co. (Buggies, Phaetons, Surreys)
OTTAWA—Formhals & Son
Gay S. G. Co. (Buggies, Phaetons, Stanhopes, Surreys)
QUINCY—Miller E. M. Co. (Coupes, Coaches, Landaus, etc.)
ROCK FALLS—Eureka Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Surreys)
ROCKFORD—Emerson-Brantingham Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
Neumeister F. P. & Co
Weldon C. J. (Mrs)
ROCK ISLAND—White George Buggy Co. (Buggies, Buckboards, Surreys)
SANDWICH—Walters G.
SPRINGFIELD—Brand August
Davidson H. B.
Withey Bros.
STREATOR—Alliance Mfg. Co.
SYCAMORE—Loptein Bros.
Loptien C. & Sons (Est. of)

INDIANA.

ANDERSON—Anderson Carriage Mfg. Co. (Buggies)
ATTICA—Leif Buggy Co.
AUBURN—Eckhart Carriage Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Phaetons, Surreys)
BUTLER—Butler Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Surreys)
COLUMBIA CITY—Harper Buggy Co., (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)
COLUMBUS—Fehring Carriage Co.
CONNERSVILLE—Connersville Buggy Co. (Buggies, Phaetons, Surreys)
Rex Buggy Co., (Buggies, Storm Buggies, Phaetons, Surreys)
ELKHART—Elkhart Carriage & Motor Car Co. (Phaetons)
Noyes Carriage Co., (Buggies, Concord Buggies & Wagons)
EVANSVILLE—Barenfanger C. W., Carriage Works
Hercules Buggy Co.
Lannert Mfg. Co.
Single Center Buggy Co.
FORT WAYNE—City Carriage Works
GOSHEN—Excelsior Buggy Co.
Lewis & Neville Mfg. Co.
HUNTINGTON—Hall Sidney Carriage Works
INDIANAPOLIS—Buchanan Joseph W., 801 E Market
Parry Mfg. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
JEFFERSONVILLE—Holzbog G. H. & Brother
KNIGHTSTOWN — Knightstown Buggy Co.
KOKOMO—Reiff D. T. (Buggies)
LAFAYETTE—Anderson Peter Co.
LIGONIER—Ligonier Carriage Co., (Buggies, Storm Buggies, Surreys)
Mier Carriage & Buggy Co.
LINNGROVE—Dunbar L. L.
LOGANSPORT—Logansport Carriage Wks
MARIETTA—Pile J. W.
MILTON—Milton Mfg. Co.
MUNCIE—Heckenhauer C. F.
Klopfer Frederick
NEW CASTLE—Rodgers Leonidas (Est. of)
NOBLESVILLE—Hare W. & Son
PRINCETON—Snapp W. L.
RICHMOND—Davis Geo. W. Motor Car Co.
Seidel Buggy Co., (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
SEYMOUR—Ahlbrand Carriage Co., (Buggies, Storm Buggies, Phaetons, Surreys
SOUTH BEND—Studebaker Corp. (Buggie, Buckboards, Concord Buggies & Wagons, Runabouts, Surreys)
TERRE HAUTE—Fouts & Hunter Carriage Mfg. Co. (Buggies)
Hildebrand Buggy & Auto Co.
O'Connell Martin E.
TIPTON—Binkley Buggy Co.
UNION CITY—Ross Carriage Mfg. Co.
Union City Carriage Mfg. Co. (Buggies, Storm Buggies, Phaetons, Surreys)
VINCENNES—Miller's J. F. Sons
WARSAW—Conrad Earl W.

IOWA.

BURLINGTON—Bennett Carriage Co.
Burlington Buggy Co.
CEDAR RAPIDS—Cedar Rapids Carriage Works
CHARITON—Schreiber Carriage Mfg. Co.
DAVENPORT—Woeber Carriage Works
DES MOINES — Kratzer Carriage Co. (Buggies, Surreys)
Kratzer Carriage Co. (Buggies, Surreys)
DUBUQUE—Cooper A. A. Wagon & Buggy Co., (Buggies, Buckboards, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys)
GRINNELL — Spaulding Manufacturing Co.
LANSING—Spinner Bros.
WATERLOO—Brown Buggy Co. (Phaetons)
Jerald S. E. Sulky Co.

KANSAS.

FORT SCOTT—Flickinger & Miller
LEAVENWORTH—Bayer Henry C.
Hesse W. G. & Son Mfg. Co.
TOPEKA—Rehkopf Bros.
WICHITA—Gaiser W. H.
McKenzie M. A.

KENTUCKY.

CADIZ—Malone Bros. (Buggies)
DANVILLE—Central Kentucky Carriage Co.
HENDERSON—Delker Bros. Buggy Co.
Delker Geo. Co. (Surreys, Phaetons, Driving Wagons, etc)
Henderson Mfg. Co.
LEXINGTON—Baker & Bro.
Wieman H. & Sons
LOUISVILLE—Haller Wagon & Carriage Co.
Richards Albert J., 632 W Jefferson
Ruby Carriage Co.
MADISONVILLE—Jones Buggy Co.
MAYS LICK—Buchanan S. G.
Van Camp & Newdigate
MAYSVILLE—Thompson & McAtee (Buggies)
OWENSBORO—Ames F. A. Co. (Buggies, Phaetons, Surreys)
Owensboro Buggy Co. (Buggies, Phaetons, Stanhopes, Surreys)
Peerless Buggy Co.
PADUCAH—Hardy Buggy Co. (Phaetons)
RICHMOND—Richmond Carriage Works
VERSAILLES—Seller Carriage Co.

LOUISIANA.

LAKE CHARLES—Lake Charles Carriage & Implement Co.
NEW ORLEANS—Dixie Vehicle Manufacturing Co., Ltd., 721 St. Joseph
O'Connor & Co. (Ltd), 518 Julia
Oster Bros., 1418 Frenchmen
Schwartz J. Co., 548 Baronne

MAINE.

BANGOR—Brown & White Co.
BAR HARBOR—Davis Bar Harbor Buckboard Co. (Buckboards)
BROOKS—Staples Harry E.
CENTER MONTVILLE—Thomson Volney
FARMINGTON—Pinkham C. A. Carriage Co. ("Concords" & "Beach")

NORTH CHESTERVILLE—Knowles A. E.
Knowlton Harry B.
Lovejoy R. N.
PORTLAND—Bailey F. O. Carriage Co. (Light)
McCann's D. E. Sons

MARYLAND.

BALTIMORE — Dietrich John H., 3301 Greenmount & Gorshar
Ditch, Bowers & Taylor, Mt. Roy & North
McCormick M. L. & Bro., Penna. av. & Retreat
HAGERSTOWN—Hess Carriage Co.
SPICKLER—Spickler L. A. & Sons

MASSACHUSETTS.

AMESBURY—Briggs Body Co.
Lane T. W.
Rand W. H.
Shields Carriage Co.
AVON—Collins Bartlett
AYER—Whitney Frederick
BERLIN—Stone H. A. & Co.
BEVERLY—Sawyer E. C.
BOSTON—Adams John E. S., 28 Huneman
Bryant's John Sons, 15 Austin
Colpitts S. B., Alliston
Harrison Robert Co., 330 W 1st S
Kimball Bros. Co., 112 Sudbury
Russ C. & Co., 263 Northampton
Sargent & Ham Co., 26 Bowker
Thomas Chauncey & Co., Blandford
BROOKLINE—Quinlan M. W.
CAMBRIDGE—Henderson Bros.
Ivers F. & Son
Stewart Bros. & Co.
FALL RIVER—Cartier T. N.
Robinson & Smith
FOXBORO—Young Wm. A.
HOLYOKE—Bowler M. J.
LAWRENCE—Kress Bros. Carriage Co.
LOWELL—Sawyer Carriage Co.
MALDEN—Keen W. B. & Son
MEDFORD—Teel Eldridge & Co.
MERRIMAC—Judkins J. B. Co.
NEW BEDFORD—Carroll William A.
NORTH ADAMS—Vadnais E. & Sons
NORTHAMPTON—Desrosier Gilbert
PEABODY—Bolster J. W.
Dole Osgood & Co.
Pike & Whipple Co.
Roome James A.
SOMERVILLE—Kiley James A.
SPRINGFIELD—Smith Carriage Co.
TAUNTON—Brownell & Burt, 10 Washington
Peck & White
WOODVILLE—Coolidge Carriage Co.
WORCESTER—Worcester Lunch Car & Carriage Co.

MICHIGAN.

ANN ARBOR—Ann Arbor Carriage Wks. (Buggies, Surreys)
Wurster E. M.
BIG RAPIDS—La Claire & Eggleston
CALUMET—Kinsman & Wagner
CHELSEA—Faist Adam G.
COLDWATER—Schmedlen W. H.
COLON—Anderson Bros.
DETROIT—Fisher Albert, 460 E Grand blvd.
FLINT—Paterson W. A. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Surreys)
GRAND RAPIDS—Michigan Hearse & Motor Co.
HOLLY—Patterson Mfg. Co. (Buggies)
KALAMAZOO—American Carriage Co.
Lull Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Surreys)
LOWELL—Roth J. C.
MARSHALL—Page Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Stanhopes, Surreys)
MILFORD—Wakely Archibald S. & Son
MONROE—Ohr F. G.
PONTIAC—Beaudett O. J. Co.
SAGINAW—Beck J. Philip & Son
WAYNE—Prouty & Glass Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Stanhopes, Surreys)

MINNESOTA.

MINNEAPOLIS—Wallis Coach & Carriage Works, 12 E Grant
ST. PAUL—Schurmeier Wagon Co. (Buggies, Surreys), 9th & B'way
Twin City Carriage Works
WINONA—Winona Carriage Co. (Buggies, Concord Buggies & Wagons, Surreys)

MISSOURI.

EDINA—Miller Wagon Co. (Buggies, Surreys)
KANSAS CITY—Holcker-Elberg Mfg. Co., 16th & McGee
Weber Carriage Co., Southwest bldg
LEXINGTON—Russell Brothers
PALMYRA—Stuhlman Bros.
ST. JOSEPH—Beardsley Carriage Co.
Karle A.
St. Joseph Buggy Co.
Schmidt D. H. Carriage & Wagon Co.
Tanner Conrad & Sons
ST. LOUIS—Banner Buggy Co. (Buggies, also Concord Buggies & Wagons, Runabouts, Surreys), 11th & Howard
Boettler Fred., 2621 Cass av
Dischert Geo. C. Carriage & Wagon Co., 915 Washington
Haase-Bohle Carriage Co., 3958 Laclede av
Kluegel T. J. Carriage & Wagon Mfg. Co., 827 So Broadway
Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd
Manley Carriage Co. (Buggies, Phaetons, Runabouts, Stanhopes, Surreys), 1319 N 9th
Maschmeier-Schaefering Carriage & Wagon Co., 2000 N 15th
McCabe-Powers Carriage Co., 1217 N Broadway
Modern Wagon & Carriage Co., 1948 Papin
Moon Bros. Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Stanhopes, Surreys), Gano & McKissock
Mound City Buggy & Auto Co., 2007 Locust
Neiner John Carriage Co., 4736 Easton av
Oyler Carriage Co., 120 N 2d
Rapp & Moller Carriage Co., 2220 Pine
Reliance Buggy Co.
Seizer J. M. Carriage & Business Wagon Mfg. Co., 1525 N 14th
Victor Buggy & Auto Top Co., 2615 Pestalozzi
Wittich Hy. Carriage & Wagon Co., 1222 N 7th
Young Wm. Carriage Co., 4524 Delmar av
SEDALIA—Kelk Carriage Works
SPRINGFIELD—Elsey G. E. Carriage Co.

MONTANA.

BUTTE—Butte Carriage Works
Grady F. M.
Lane Charles W.
GREAT FALLS—Black Eagle Carriage Mfg. Co.

NEBRASKA.

LINCOLN—Anderson & Christiansen
Camp J. M.
OMAHA—Murphy Andrew & Son
Pfeiffer Wm. Auto & Carriage Works
Simpson A. J. & Son Co.
Wettengel W. & Son

NEW HAMPSHIRE.

FARMINGTON—Perkins B. F.
HUDSON—Cummings Bros.
LITTLETON—Harris Chas. F. & Co.
MANCHESTER—Dodge S. P. Co.
Kimball Carriage Co.
Sanborn Carriage Co.

NEW JERSEY.

BURLINGTON—Birch James H.
Columbus Phaeton Co.
CAMDEN—Tiedeken Theo. C. & Bro.
FRENCHTOWN—Weiss & Fritts
HOBOKEN—Kostelecky Joseph
KEYPORT—Tilton & Cherry
MARLBORO—Reid Sidney
MONTCLAIR—Mockbridge Jas. D.
MORRISTOWN—Tunis Barton M.
NEWARK—Merz Bros., 3 Crawford
Post C. M. Co., 227 Halsey
NEW BRUNSWICK—Witty William C.
ORANGE—Orange Carriage Co.
PATERSON—Sowerbutt J. S.
RAHWAY—Terrill Bros.
RIVERTON—Woolston Chas. T.
TRENTON—McCardell J. R. & Co.

NEW YORK.

BINGHAMTON—O'Neil James
Sturtevant-Larrabee Co.
BRAINERDSVILLE—Lamberton. W. W
BUFFALO—Brunn's Carriage Mfg. Co., 1140 Main
CAMDEN—Boehm C. A. & Son
EASTHAMPTON—Everest W. S.
Gay J. E. & Co.
ELMIRA—Ayres John T.
FAIRPORT—Bown Geo. G. & Sons
GREAT NECK—Schenck Bros.
HOMER—Brockway W. N.
ITHACA—Pritchard & Sons
KINDERHOOK—Brown G. H. & Bro.
LAKE GROVE—Gould G. E.
LOCKPORT—Davis William D.
Taylor W. W.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Duhamel & Brueckner, 735 Bedford av
Linn V. & Son, 49 Bergen
Romson I. S. Mfg. Co., 740 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Baitelman Samuel, 211 Wooster
Galloway & Wagner, 303 W 53d
Healey & Co., 1658 B'way
McAuliffe & Co., 108 W 53d
Studebaker Corp., 445 B'way
Wittkowsky H., 203 E 88th
NEW ROCHELLE—Kershaw W. B.
ONEIDA—Silver Carriage Co.
OSWEGO—Denton & Son
ROCHESTER—Cunningham Jas. Son & Co.
Faber Sulky Co.
Rehtz F. C.
Sullivan Bros.
SCHENECTADY—Benns & Visscher Co.
Loucks Elmer E.
SIDNEY—Cortland Cart & Carriage Co.
SMITHTOWN BRANCH—Hallock Allanson E.
SYRACUSE—Moyer Harvey A. (Phaetons)
TROY—Clary Bros.
Troy Carriage Works (Buggies, Broughams, Surreys, Victorias)
WATERTOWN—Babcock H. H. Co. (Buggies, Phaetons, Surreys, Victorias)
Excelsior Carriage Co.
WATERVLIET—Richenecker Chas. G.
WATERLOO—Waterloo Wagon Co., Ltd.
YONKERS—Chadburn M. J.

NORTH CAROLINA.

CARTHAGE—Tyson & Jones Buggy Co. (Buggies, Surreys, Victorias)
DURHAM—Durham Buggy Co.
ELIZABETH CITY—Elizabeth City Buggy Co.
ELKIN—Elkin Buggy Co.
GREENVILLE—Flanagan John Buggy Co.
HENDERSON—Capital Buggy Co.
Carolina Buggy Mfg. Co.
Corbitt Buggy Co.
Henderson Buggy Mfg. Co.
HIGH POINT—High Point Buggy Co.
KINGSTON—Ellis Carriage Works
Whitfield J. T.
LEAKSVILLE—Hampton J. H. Buggy Co.
MOUNT AIRY—Mount Airy Buggy Co.
OXFORD—Oxford Buggy Co.
Taylor-Cannady Buggy Co.
SANFORD—Sanford Buggy Co.
WASHINGTON—Washington Buggy Co.
WHITE PLAINS—White Plains Buggy Co.

OHIO.

ALLIANCE—Wallace A. D.
BLOOMVILLE—Cook Carriage Co.
BUCYRUS—Ruhl Geo. S.
CANTON—Canton Buggy Co.
Motter Jacob & Son
Schellhase J. H.
CELINA—Cron Wm. Sons Co.
CINCINNATI—Acorn Buggy Co. (Phaetons), 5th & Eggleston av
American Carriage Co. (Buggies, Phaetons, Runabouts, Surreys), 1275 Budd
Armstrong A. Co. (Buggies, Phaetons, Surreys, Cabriolets, Victorias, etc), 719 State av
Behlen Chas. Sons Co., 15th & Vine
Brown Carriage Co. (Buggies, Jump Seat Buggies, Storm Buggies, Phaetons, Surreys), 1630 Gest
Eagle Carriage Co., 1630 Gest
Enger Frank J. (Buggies, Phaetons, Runabouts, Surreys), Marion & Dakota av, Avon
Hickory Carriage Co., Spring Grove av & Rawson
Kleine & Daumeyer, 14 W 12th
Lion Buggy Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys), C. H. & D. R. R., near Best
Louis J. H. Carriage & Wagon Co., 314 W Court
Luth Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys), 1275 Budd
Murray Wilber H. Mfg. Co., 5th & Eggleston av
Ostholthoff & Braukmann, 42 W McMicken av
Phoenix Carriage Co. (Phaetons), 901 Evans
Sayers & Scovill Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Stanhopes, Surreys), Gest
Schneider John A. & Co., 3717 Colerain av
Smith-Eggers Co., Court, bet B'way & Sycamore
Trailmobile Co., Oakley
Welland Co., 2414 Gilbert av
CIRCLEVILLE — Colonial Carriage Co. (Buggies, Storm)
CLEVELAND—Black P. F. Co., 2361 E 14th
Gabriel W. H. Carriage & Wagon Co., 315 Prospect av, N W
Hanger C. F. Co., 6520 Carnegie av
Hayes R. L. & M. H.
Schaefer Gustav Wagon Co., 4180 Lorain av
Scranton Ave. Carriage & Wagon Works, 2339 Scranton rd
Warden George J. & Co., 6530 Carnegie av
Woltman Carriage & Wagon Co., Woodland av
COLUMBIANA—Zimmer & Harmon
COLUMBUS—Anderson Carriage Co.
Hayes R. L. & M. H., 203 E Town
Ohio Carriage Mfg. Co., S High
Peters Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Surreys), 330 W Spring
Poste Bros. Buggy Co., Jefferson & Curtis avs
U. S. Carriage Co., 319 S Fourth
Warren & Southwick Carriage Co., 337 Cleveland av
COSHOCTON—Stewart J. R.
CRESTLINE—Holcker Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)

CARRIAGES—continued

OHIO—continued
DAYTON—Borchers Carriage & Auto Co.
DEFIANCE—Defiance Carriage Co. (Phaetons)
DOVER—Toomey S. Co.
FINDLAY—Findlay Carriage Co.
FOSTORIA—Eissler J. Fred.
GALION—Howard A. (Buggies, Phaetons, Runabouts, Surreys)
Kunkel Carriage Works
Plack Carriage Wks.
GREENFIELD—Patterson C. R. & Sons
HAMILTON—Heck Motor Car Co.
Schweizer John
HILLSBORO—Carroll M. F. & Sons Co.
IRONTON—Ketter Buggy Co.
Phillips Buggy Works
Willis W. M. Carriage Works
JERSEY—Harrison Bros. & Co.
KENTON—Kaiser H. Buggy Co.
Kenton Carriage Co.
LIMA—Owen Brothers
LISBON—Adams John Q. Carriage Co.
LONDON—Jones C. T. & W. A.
MANSFIELD—Herring Buggy Co.
MARIETTA—Kelly J. W. & Son
MARION—Cull Wm. & Sons
Houghton Sulky Co.
McMurray Sulky Co.
MARYSVILLE—Leader Buggy Co.
MECHANICSBURG—Culbertson Bros.
MIDDLEPORT—Faehnle J. Sons
NEW WATERFORD—Koch Bros. Co.
PIQUA—Enterprise Carriage Works
PLYMOUTH—Webb J. W.
POMEROY—Blaettnar's M. Sons
PORT CLINTON—Port Clinton Buggy Co.
RAVENNA—Riddle Coach & Hearse Co.
ROCKFORD—Lloyd J. E. & Sons
ST. MARY'S—Makley Bros.
ST. PARIS—Wal-Rike Pony Vehicle Co.
SANDUSKY—Klenk Martin
SHELBY—Shreffler S.
SIDNEY—Crozier & Son (Buggies)
Miller & Smith
SPRINGFIELD—Fehl Henry
Rathbun P. T. & Co.
STEUBENVILLE—Workman James & Son (Buggies)
TIFFIN—Smith & Schwartzbeck
URBANA—Aughenbaugh B. A.
Dimond J. H. E. & Son
Gaumer E. B. & Sons
WADSWORTH—Stevenson E. D. (Buggies)
WAPAKONETA—Kreitzer Buggy Co.
WARREN—Morgan & Williams Co.
Riverside Carriage Co.
WAYNESBURG—Waynesburg Carriage Co.
WOOSTER—Gerstenslager Co. (Buggies)
YOUNGSTOWN—Youngstown Carriage Co.

OKLAHOMA.

MUSKOGEE—Lantz W. R. Mfg. & Supply Co.
OKLAHOMA—Oklahoma Carriage Works

PENNSYLVANIA.

ALLENTOWN—Wolf Wm. (Est. of)
COOPERSBURG—Kern S. Y. & Son
EAST DOWNINGTON—Armour Judson
EASTON—Hill Clemens F.
ELIZABETHVILLE—Swab Carriage Co.
EPHRATA—Martin J. Diller
EVANS CITY—Laderer W. C. Carriage Co.
FRANKLIN—Myers Carriage Co.
GOODVILLE—Kramer I. Newton
GROVE CITY—McKay Carriage Co.
HAMBURG—Scott & Kemmerer
HARRISBURG—Redmond A.
Sefton Carriage Works
HONESDALE—Hermann M. & Son
LANCASTER—Nolty Henry, Jr.
LITTLESTOWN—Mehring S. D.
MIFFLINBURG—Gutelius John & Son
MOUNT JOY—Schutte Wm. H.
MOUNT PLEASANT—Galley Bros.
NEW HOLLAND—Groff & Weaver
Roseboro Chester E.
OAK BOTTOM—Groff Aaron
OGONTZ—William Harry & Son
ORRSTOWN—Wise's Samuel B. Sons
PALMYRA—Miller Jacob
PERKASIE—Weisel Milton T.
PHILADELPHIA—Geissel A. & Sons, 485 N 3rd
Gregg Wm. D. Rogers Co., 1926 Arch
Kelly John C. & Sons, 5215 Gtn av
Petzelt & Keyser, 24th & Locust
Sowney Bros., 1204 Frankford
Wenkenbach's Wm. Sons, 1314 Germantown av
Wolfington's Alex. Son, 8 N 20th
PITTSBURGH—Giesenkamp L. E., 319 Liberty
McClinton & Co., 309 Sandusky
West Co., 4017 Liberty av
QUARRYVILLE—Hess Daniel T.
READING—Biehl's Carriage & Wagon Works
Hain Geo. M.
Wetherhold W. W.
REYNOLDSVILLE—Deible H. C.
SCRANTON—Gould A. R. & Sons
SHIPPENSBURG—Thush Herbert
SPRINGBORO—Graves L. C. & Co.
STRASBURG—Brackbill T. L.
STROUDSBURG—Staples & Hartman
TAMAQUA—Becker Christian
UNIONTOWN—Howard J. M. & Sons
WASHINGTON—Jackson Repairing Co.
WILKES-BARRE—Wilson J. Frank Co.
WILLIAMSPORT—Gohl Christian & Sons
YORK—Martin Carriage Works (Phaetons)

RHODE ISLAND.

PAWTUCKET—McCabe Bernard Carriage Co.
PROVIDENCE—Bernier Napoleon M., 46 Point
Howe H. M. Co., 417 Fountain

SOUTH DAKOTA.

SIOUX FALLS—Olson & Detlie Carriage Co.

TENNESSEE.

BROWNSVILLE—Pracht John C.
CHATTANOOGA—Chattanooga Buggy Co.
Fassnacht A. & Sons
Fuller Auto & Wagon Wks. (Buggies)
CLARKSVILLE—Harrison D. A.
KNOXVILLE—Moore L. F. Carriage Co
MEMPHIS—Dix John C. Son & Co.
Lilly Carriage Co.
MORRISTOWN—Carver Wagon Co.
MURFREESBORO—Walter G.
NASHVILLE—Allen Bros.
Robinson-McGill Carriage Co.
Vogely & Todd
PULASKI—Harris R. H. & Sons
SHELBYVILLE—Robinson-McGill Hardware Co. (Buggies)

TEXAS.

BEAUMONT—Southern Carriage Works
DALLAS—Monschke & Co.
HOUSTON—Model Carriage Co.
Mosehart & Keller Co.
WACO—Hopkins Patrick F. (Est. of)

VERMONT.

BELLOWS FALLS—French G. N. & Son
BRATTLEBORO—Rockwell & Sherwin
BURLINGTON—Smith Wm. (Est of)

VIRGINIA.

LYNCHBURG—Harris Carriage Co.
Hughes Buggy Co.
NEW MARKET—Clinedinst Jno. W.
NEWPORT NEWS—Miller & Gleason
NORFOLK, VA.—Wrenn A. & Sons (Buggies)
RICHMOND—Gross Conrad
Richardson Bros.
SOUTH BOSTON—Barbour Buggy Co.
Harrell R. A. Buggy Co.
WINDSOR—Bailey C. W. & Son

WASHINGTON.

SEATTLE—Modern Carriage Co.
Pacific Wagon & Carriage Co.
Pioneer Carriage Co.
Star Carriage Co.
West Street Carriage Co.

WEST VIRGINIA.

PARKERSBURG—Logan Carriage & Auto Co.
WHEELING—Morgan Carriage Co.
Waltz & Co., 2110 Main

WISCONSIN.

APPLETON—Milhaupt Co.
BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)
EAU CLAIRE—Bonell William
FOND DU LAC—Anderson Vehicle Co.
FORT ATKINSON—Northwestern Mfg. Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
GREEN BAY—Green Bay Carriage & Wagon Co.
JANESVILLE—Janesville Carriage Works
LA CROSSE—Voigt F.
MEDFORD—Wesle Bros.
MILWAUKEE—Grede Geo. & Bro. Co., 248 Reed
Kaestner August J., 412 Cedar
North Side Carriage Works
Schielke & Blommer, 327 5th
Sherin W. R. Co., 547 Edison
MONROE—Fitzgibbons Bros.
NEENAH—Bergstrom C. H.
OSHKOSH—Neville T.
SHEBOYGAN—Jung Carriage Co.
WAUPUN—Morris J. S.

1973— Carriages (Children's)

Adams Carriage Co., Dover, O.
Am National Co. (Also Doll Carriages), Toledo, O
Bloch Go-Cart Co. (Go-Carts), 1136 N American, Phila., Pa
Capital Rattan Co., Indianapolis, Ind.
Carriage & Toy Co. (Carriages & Go-Carts), 741 W Lombard, Baltimore, Md.
Carter & Campbell, Winchendon, Mass.
Chicago Reed Ware Co., 1523 Carrol av, Chicago, Ill.
Children's Vehicle Corp., East Templeton, Mass.
Collier-Keyworth Co. (Collapsible Go-Carts), Gardner, Mass.
Coulter's Rattan Wks., 1141 Sutter, San Francisco, Cal.
Crosby Mfg. Co., Frenchtown, N. J.
Embossing Co. (Carioles), Albany, N. Y.
Ficks Reed Co. (Collapsible Go-Carts), 424 Findlay, Cincinnati, O.
Field C. R. Mfg. Co., Greenfield, Mass.
Fulton Mfg. Co. (Go-Carts), 130 N. Wells, Chicago, Ill.
Garrett Go Cart & Carriage Co. (Go-Carts & Carriages), 1728 Arcade pl, Chicago, Ill.
Gendron Wheel Co. ("Gendron"), Toledo, O.
Glascock Bros. Mfg. Co., Muncie, Ind.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co. (Also Go-Carts), Gardner, Mass.
Kelly Bros., Gardner, Mass.
Kurtz N. M. Rattan Co. (Also Go-Carts), 155 Valencia, San Francisco, Cal.
Lloyd Mfg. Co., Menominee, Mich.
Mays Rattan Works, 3347 N Clark, Chicago, Ill.
Mecky A. Co., 1705 W Allegheny, Phila., Pa.
Meinecke Mfg. Co., Richards, Milwaukee, Wis.
Menke Chas., 535 E 15th, New York
Metal Stamping Corp. (Go-Carts), Streator, Ill.
Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
Pahl E. F. & Co., 1032 3d, Milwaukee, Wis.
Paris Mfg. Co., South Paris, Me.
Platt Geo. A., 489 5th av, Brooklyn, N. Y.
Ramsdell, L. B. Co. (Chairs & Go-Carts), Gardner, Mass
Rattan Mfg. Co. (Doll), New Haven, Conn.
Rich Bros., 7 E Pratt, Baltimore, Md.
Rieber L. & Co., 16 N 4th, Phila., Pa.
Sidway Mercantile Co. ("Allwin" & Sidway Collapsible; also Stationary), Elkhart, Ind.
Sturgis Steel Go-Cart Co. (Go-Carts), Sturgis, Mich.
Thayer H. N Co. (Carriages & Go-Carts), Erie, Pa.
Toledo Metal Wheel Co., Toledo, O.
Travers Mfg. Co. (& Chairs), E Templeton, Mass.
Uhlen Carriage Co. (Carriages & Go-Carts), Rochester, N. Y.
Wagner E. R. Mfg. Co. ("Wagner" Quick Folding Go-Carts), North Milwaukee, Wis.
Waite Chair Co., Baldswinville, Mass.
Walker Chas. T. & Co., 716 W North av, Chicago, Ill.
Wenkenbach's Wm. Sons (Go-Carts), 1314 Germantown av, Phila., Pa.
Whitney F. A. Carriage Co. (Also Go-Carts and Folding Go-Carts), Leominster, Mass.
Whitney Reed Corp. (Also Go-Carts), Leominster, Mass.
Withrow Mfg. Co. ("Oriole," "Go-Basket"), 2727 Spring Grove av, Cincinnati, O.

1974— Carriages (Gun)

Bethlehem Steel Co. (Steel), South Bethlehem, Pa.
Builders' Iron Foundry Co. ("Builders"), 9 Codding, Providence, R. I.
Morgan Engineering Co., Alliance, Ohio
Poole Engineering & Machine Co. (Barbelle & Disappearing), Woodberry Station, Baltimore, Md.

1975— Carriages (Saw Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
Clark Bros. Co., Olean, N. Y.
Diamond Iron Works, 2d & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Frick Co., Waynesboro, Pa.
Garland M. Co., Bay City, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Ireland Machine & Foundry Co., Norwich, N. Y.
Lane Mfg. Co., Montpelier, Vt.
McDonough Mfg. Co., Eau Claire, Wis.
Memphis Machine Works, Memphis, Tenn.
Murray D. J. Mfg. Co., Wassau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machy. Co., Erie, Pa.
Stearns Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014 Broadway, Macon, Ga.
Union Iron Works, Bangor, Me.
Wheland Co., Chattanooga, Tenn.
Yates P. B. Machine Co., Beloit, Wis.

1976— *Carriages (Tension)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

1977— *Carriers (Acid Phosphate)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

1978—Carriers (Aerial Cable)

Lamson Co. (For Cash & Sales Slips in Retail Stores), 100 Boylston, Boston, Mass.
Standard Store Service, Inc., Hartford, Conn.

1978a— Carriers (Ash Can)

McCabe Hanger Mfg. Co., 426-428 W 25th, New York. *See adv index at end of book*

1979— *Carriers (Barbed Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

1979a— *Carriers (Bagasse)

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Squier Geo. L. Mfg. Co., Bway & Mortimer, Buffalo, N. Y.

Carriers (Bucket)

See Elevators, Bucket

1980—Carriers (Can & Bag, Street Sweeping)

Hvass Chas. & Co., 511 E 18th, New York
Rochester Can Co. ("Iron Horse" Galvanized Cans for Street Cleaning), 89 Hague, Rochester, N. Y.
See adv index at end of book
Royal Steel Products Co., 1440 Bway, New York
Steel Basket Co., Cedar Rapids, Ia.
Wirt & Knox Mfg. Co. ("20th Century"), **23d & York, Phila., Pa.**

1980a— *Carriers (Cane)

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Squier Geo. L. Mfg. Co., Bway & Mortimer, Buffalo, N. Y.

1981—Carriers (Canteen, Axe, Etc.)

Boyle Mfg. Co., 5100 Sante Fe av, Los Angeles, Cal.
Mills Woven Cartridge Belt Co., Worcester, Mass.

1982— Carriers (Carboy)

Lansing Co. ("Handy"), Lansing, Mich.

1983— Carriers (Cash)

Baldwin Jas. L. & Co. ("Baldwin" Cash & Parcel), 350 W Madison, Chicago, Ill.
Burgess Machine Co. (also Bundle Carriers), New Haven, Conn.
LAMSON CO. (also Package Carriers), 100 Boylston, Boston, Mass.
Universal Tuge Co., 321 W Ohio, Chicago, Ill.

1984— Carriers (Change)

McGill Metal Products Co. ("High Speed" "McGill"), 1640 Walnut, Chicago, Ill.

1984a— Carriers (Curtain)

McCabe Hanger Mfg. Co., 426-428 W 25th, New York. *See adv index at end of book*
Motor Products Corp., Mack & Outer Belt Line, Detroit, Mich.

1985— Carriers (Egg)

Continental Paper Bag Co., 17 Battery pl, New York.
National Egg Carrier Co. (Steel Carrier), Council Bluffs, Ia.
Quincy Egg Carrier Co., Quincy, Ill.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass.
See adv index at end of book

1986—Carriers (Feed & Litter)

Automatic Carrier Co. ("Stayon"), Juneau. Wis.
Cowmatic Corp. ("Cowmatic"), Lynchburg, Va.
Dick Jos. Mfg. Co. ("Blizzard," "Crescent"), Canton, O.
Drew Carrier Co., Waterloo, Wis.
Galloway Wm. Co., Waterloo, Ia.
Glor Bros. & Willis Mfg. Co. ("Glor," "New Modern"), Attica, N. Y.
Hackney Mfg. Co., St. Paul, Minn.
Harris Mfg. Co., Salem, O.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Libby C. A: Co., Oshkosh, Wis.
Louden Machinery Co. ("Emancipator," "High Lift," "Standard," "Quick Out," "Self Acting," Double End," "Adjustable," Wire Track & Side Dump), Fairfield, Iowa
Miller & Hoy Mfg. Co. ("M. & H.") Wauseon, O.
Milwaukee Hay Tool Co. ("Leader" Steel Track & Wire Cable), Layton Park, Milwaukee, Wis.
Moyer Mfg. Co. (Rod & Solid Track), Montevideo, Minn.
Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
Owantonna Mfg. Co. ("Winner"), Owantonna, Minn.
Porter J. E. Co. ("Porter") Ottawa, Ill.
Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.
Ricker Mfg. Co., Rochester, N. Y.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Savage W. J. Co., Knoxville, Tenn.
Smith Mfg. Co., 161 W Harrison, Chicago, Ill.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Warsaw-Wilkinson Co. ("Climax"), Warsaw, N. Y.
Whitaker Mfg. Co. ("Jarvis"), 409 S Green, Chicago, Ill.

1987— Carriers (Game)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Perfection Mfg. Co., St. Louis, Mo.

Carriers (Gravity)

See Conveyors, Gravity

1988— Carriers (Hay)

See also Tools, Haying
Appleton Hay Tool Co. ("Appleton," "Eagle," "Samson"), Appleton, Wis.
Farrell John, Newton, N. J.
Goshen Mfg. Co. ("Boyers," "Hercules," "Death Grip," "Goshen"), Goshen, Ind.
Hackney Mfg. Co. ("Law"), St. Paul, Minn.
Hunt-Helm-Ferris & Co. ("Star," "Peerless," "Elephant," "Harvard," "One-Way," Sling, Swivel & Reversible), Harvard, Ill.
Jackson-Byron Iron Works ("Walker"), Berkeley, Cal.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Jordan, R. C., Ottawa, Ill.
LINK-BELT COMPANY (For Conveying & Piling Hay in Bales), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Louden Machinery Co. ("Jewell," "Royal," "Victor," "Louden's," Duplex, Cable, Reversible, Junior & Sling, "Universal Sling," "Automatic Sling," "Iowa Sling"), Fairfield, Ia.
McCabe Hanger Mfg. Co., 426-428 W 25th, New York. *See adv index at end of book*
Milwaukee Hay Tool Co. ("Boomer Swivel," "Leader," Rod or Cable, etc.; "Milwaukee," Reversible & Swivel, Wood & Steel Track, etc.), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Unloading for Double Steel Track, Wood Track, Cable Track & Cable Draft Rope; "Cloverleaf" Unloader, "Sure Grip" Unloader, "O. K." Unloader, "Faultless" Unloader, "Imperial" Unloader & "Haymaker" Unloader, Cross Draft Right Angle Triple Hoist, 900 Fourth, Ashland, O.
See adv index at end of book
Ney Mfg. Co. ("Genuine Ney"), Canton, O.
Ney V. L. Hay Tool Co., Canton, O.
Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
Porter J. E. Co. ("Barnes," "Meadow King," "Meadow Queen," "Porter," "Porter's Columbian," "Champions" Reversible, Sling & Swivel & "Prairie Queen" Steel Track), Ottawa, Ill.
Ricker Mfg. Co. ("Rochester" Wood or Steel Tracks), Rochester, N. Y.
Strickler Hay Tool Co. ("Strickler," "Boss" "Deadlock," "Janesville," "Rock River" Steel & Wood Track), Janesville, Wis.
Swineford G. A. Co. ("Swineford"), Canton, O.
Syracuse Chilled Plow Co. ("Syracuse"), Syracuse, N. Y.
Whitaker Mfg. Co. ("Sterling," "Jarvis"), 409 S Green, Chicago, Ill.

1989— Carriers (Mail)

Lamson Co. (Automatic Pick Up & Delivery Systems to Handle Mail, Bills, Documents, etc), 100 Boylston, Boston, Mass.

1990—Carriers (Merchandise)

See also Conveyors, also Trolleys & Trolley Tracks, Overhead
Allith-Prouty Co. ("Allith" Overhead Tracks), Danville, Ill.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Auto Bed Camp Mfg. Co., 1504 Grand av, Kansas City, Mo.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gemco Mfg. Co. (Luggage), 742 S Pierce, Milwaukee, Wis.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Hunt-Helm-Ferris & Co. ("Star"), Harvard, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LAMSON CO. (Parcel, Cash, etc., for Stores & Industrial Plants), 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
New York Pneumatic Service Co., 15 W 44th
Ney Hay Tool Co., Canton, O.
Reed Co. Inc. (Electrically Welded Bicycle), Palo Alto, Cal.
Ricker Mfg. Co., Rochester, N. Y.
Robins Conveying Belt Co., 13 Ann, New York
Taylor Jas. L. Mfg. Co. (clamp), Poughkeepsie, N. Y.

1991—Carriers (Milk Bottle)

Andrews Wire & Iron Works, Rockford, Ill.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lamson Co., 100 Boylston, Boston, Mass.
Parker Wire Goods Co. (Wire & Flat Steel), Worcester, Mass.
Sharlow Bros. Co., 442 W 42nd, New York.
Smith Jno. P. & Co., New Haven, Conn.
United Steel & Wire Co., Battle Creek, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woods-Sherwood Co. (Wire), Worcester, Mass.

1992— Carriers (Milk Can)

Harris Mfg. Co., Salem, O.
James Mfg. Co., Fort Atkinson, Wis.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

1992a— Carriers (Parcel—Luggage)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Boyle Mfg. Co. ("Boyco" Metal), 5100H Santa Fe av, Los Angeles, Cal.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Marquette Mfg. Co. Inc. ("Marquette" Luggage), Endicott bldg, St. Paul, Minn.
New York Pneumatic Service Co., 15 W 44th
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stuart Bell Corp. ("Ideal"), 301 W 53rd, New York

1993—Carriers (Self-Feeder, Wing)

Carpenter Wing Carrier Mfg. Co. ("Carpenter"), 473 Cleveland, St. Paul, Minn.
Fosston-Carpenter Co., St. Paul, Minn.

1994— Carriers (Trace)

Elbel Co., Canton, Ohio
Frazer & Jones Co. ("Cooper" Patn., "Reynolds" Patn., also Hip Drop) Syracuse, N. Y.
North & Judd Mfg. Co. ("Wilson," "Knapp," "Lincoln," "Cooper" Patn., "Calif." Patn., "Nubritain," "Security," etc), New Britain, Conn.

1994a— Cars (Air Dump)

Kilbourne & Jacobs Mfg. Co., Columbus, O.
Magor Car Corp., 30 Church, New York
Russell Wheel & Fdy. Co., Detroit, Mich.
Western Wheel Scraper Co., Aurora, Ill.

1994b—*Cars (All Around Dump)

EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book

1994c—Cars (Annealing Furnace)

Easton Car & Construction Co., 198 Fulton, New York
See adv on page 206
Lakewood Engng. Co., Cleveland, O.

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

1995— *Cars (Asphalt)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

1995a— Cars (Automatic)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.

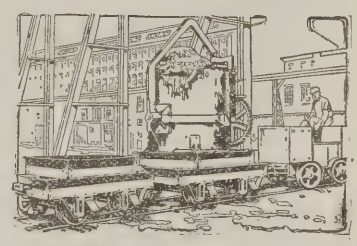
1996—Cars (Automatic Air Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car & Mfg. Co., 17 Battery pl, New York
KILBOURNE & JACOBS MFG. CO., ("K. & J."), Columbus, O.
See adv index at end of book

1997— Cars (Ballast)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Clark Car Co., 1624 Oliver bldg., Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.

EASTON INDUSTRIAL RAILWAY CARS



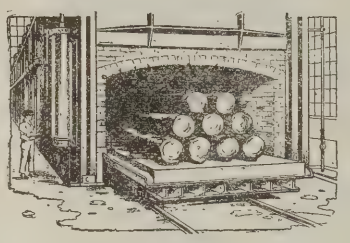
PLATFORM CARS

With or without stake pockets and stakes, brakes, spring draft rigging, removable sides and ends, or automatic couplers. Also specials with raised decks, undersling transfer cars or double truck platform cars to meet any requirements.

ANNEALING FURNACE CARS

to fit all furnaces. We build them to practically any length, the largest to date being 40 ft. long and equipped with 7 pairs of wheels.

Catalogs or Service



EASTON CAR & CONSTRUCTION CO., 198 Fulton St., NEW YORK

CARS (BALLAST)—continued

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Goodwin Car & Mfg. Co., 17 Battery pl, New York
Magor Car Corp., 30 Church, New York
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Rodger Ballast Car Co. ("Hart" Convertible), Railway Exchange bldg, Chicago, Ill.
Western Wheeled Scraper Co. (Bottom & Side Dump), Aurora, Ill.

1998— Cars (Barney)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

1999— Cars (Billet)

Akron Cultivator Co., Akron, O.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
15 Center Square, Easton, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., (Ingot, etc.), 198 Fulton, New York
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
Magor Car Corp., 30 Church, New York
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2000— Cars (Boiler Room)

CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2001— Cars (Bonding)

Electric Railway Improvement Co. (Portable for Rail Bonding), 2070 E. 61st pl, Cleveland, O.

2001a—Cars (Bottom Dump)

See also Cars; also Drop Bottom; also Cars, Dumping

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2002— Cars (Brick & Clay)

See also Trucks, Brick

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creager Co., New London, O.
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Continental Car Co. of America, Louisville, Ky.
Desmond M. Mfg. Co., Edwardsville, Ill.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Freese E. M. & Co., Galion, O.
Fulton Pit Car Co. (Clay), Canal, Fulton, O.
Globe Machinery & Supply Co., Des Moines, Ia.
Hadfield-Penfield Steel Co. (The) (Steel & Wood), Bucyrus, O.
See adv index at end of book
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
International Clay Machinery Co., Dayton, O.
Jackson & Church Co., Saginaw, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Magor Car Corp., 30 Church, New York
Ralston Steel Car Co., Columbus, O.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Sharp Mfg. & Supply Co., New Phila., O.
Steele J. C. & Sons, Statesville, N. C.
Stuart Robt. J. & T. H., New Hamburg, N. Y.
Truax Mfg. Co., Denver, Colo.
United Iron Works Co., Inc., Kansas City, Mo.
Wellington Machine Co., Wellington, O.
Youngstown Steel Car Co., Niles, O.

2002a— Cars (Brick Dryer)

Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2003— Cars (Bridge & Gang)

Buda Co., Railway Exchange bldg, Chicago, Ill
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.

2004—Cars (Cable & Messenger)

Bissell F. Co. ("Security"), Toledo, O.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Fairmount Electric & Mfg. Co. ("Aero"), 59th & Woodland av, Phila., Pa.

2005— Cars (Caboose)

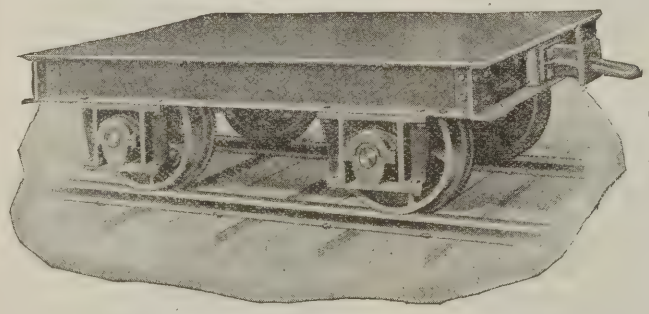
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Georgia Car & Locomotive Co., Atlanta, Ga.
Merchants Dispatch Transportation Co., Dept. H, E. Rochester, N. Y.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Russell Car & Snow Plow Co., Ridgway, Pa.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

Cars (Cane)

See Cars, Plantation

2006— Cars (Canopy)

Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Ramapo Iron Works, Hillburn, N. Y.
Steel Car Co., Euclid, O.



CARS AND TRUCKS
FOR ALL INDUSTRIES
SUPPLIED WITH
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Turntables, Trackage, Switches, Factory and Elevating Trucks.
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INDUSTRIAL RAILWAYS FURNISHED COMPLETE
ROAD BUILDING MACHINERY
THE CHASE FOUNDRY & MFG. CO.
NO. 2700 SOUTH PARSONS AVENUE COLUMBUS, OHIO

2006a— *Cars (Cement)

EASTON CAR & CONSTRUCTION CO. 198 Fulton, New York
See adv index at end of book

2007— Cars (Charging)

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
BIEHL IRON WORKS, INC., Reading, Pa.
See adv index at end of book
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Denver Engineering Works Co., Denver, Colo.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Hunt C. W. Co. (Coal), West New Brighton, N. Y. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (coal), Columbus, O. *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Lindsay W. W. & Co. (For Steel Plants), Harrison bldg, Phila., Pa.
LINK-BELT COMPANY (Drop Sides, etc), 300 W 39th, Chicago, Ill.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Mesta Machine Co. (Charging Box), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Pennsylvania Engineering Works (Ingot & Open-Hearth), New Castle, Pa.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co. Inc., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Whiting Corp., Dept. H, Harvey, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co. (Box Cars), Niles, O.

2008—*Cars (Charging, Open-Hearth)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

2008a— Cars (Chemical)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.

Cars (Cinder)

See Cars, Hot Metal or Slag

Cars (Clay)

See Cars, Brick & Clay

2009— Cars (Coal)

American Car & Foundry Co., Syndicate Trust bldg, St Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Barney & Smith Car Co., Dayton, O.
Bartlett A. F. & Co., Saginaw, Mich.
Bergen Point Iron Works, Bayonne, N. J.
Bettendorf Co. (Steel), Bettendorf, Ia.
EASTON CAR & CONSTRUCTION CO. (charging), 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Georgia Car & Locomotive Co., Atlanta, Ga.
Hamilton Wm. Sons Car Co., Newark, Ohio
Helmick Fdry. & Machine Co., Fairmont, W. Va
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel Side Opening, etc), Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept H, Koppel, Pa
Lakewood Engine Co., Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.
Merchants Dispatch Transportation Co., Dept. H, E. Rochester, N. Y.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co. (Drop Bottom), 80 E Jackson bl, Chicago, Ill.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Portland Co., Portland, Me.
Pressed Steel Car Co. (Steel & Composite), 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
South Side Foundry & Machine Wks., Charleston, W. Va.
Steel Car Co., Euclid, O.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Truax Mfg. Co., Denver, Col.
Union Iron Works, Hoboken, N. J.
United Iron Works Co. Inc., Kansas City, Mo.
Watt Mining Car Wheel Co., Barnesville, O.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Youngstown Steel Car Co., Niles, O.

2010— Cars (Coke)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Quenching), Cleveland, O. *See adv index at end of book*
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Cement Tile Machinery Co., Waterloo, Ia.
Chrisman Foundry Co., Morgantown, W. Va.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Easton Car & Construction Co. (Quenching), 198 Fulton, New York
See adv index at end of book
Georgia Car & Locomotive Co., Atlanta, Ga.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Quenching), Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
National Dump Car Co. (Drop Bottom), 80 E Jackson bl, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2011— Cars (Combination)

National Dump Car Co. (Stock, Coke, Coal & Beet with Drop Bottom), 80 E Jackson bl, Chicago, Ill.

2012— Cars (Concrete)

See also Carts, Concrete

BIEHL IRON WORKS, INC., Reading, Pa.
See adv index at end of book
Blaker J. L. ("Blaker," Dumping), Blaker Mills, W. Va.
Cement Tile Machy. Co. ("Ideal" for Brick & Blocks), Waterloo, Ia.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Continental Car Co of America, Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. (Batch, for Road Work), 198 Fulton, New York
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Controllable Side Dump & Bottom Dump) 3500 E. St. Clair, Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co. (Steel End Dump), Columbus, O.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Concrete Machinery Co., Dunellen, N. J.
Ralston Steel Car Co., Columbus, O.
Ransome Concrete Machinery Co., Dunellen, N. J.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
United Iron Works Co., Inc., Kansas City, Mo.
Western Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles O.

2012a—*Cars (Construction)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2013— Cars (Contractors')

BIEHL IRON WORKS, INC., Reading, Pa.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO. (Contractors' Industrial), 198 Fulton, New York *See adv index at end of book*
Hoisting Machinery Co., 50 Church, New York
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2014— Cars (Core Oven)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Biehl Iron Wks., Inc., Reading, Pa.
See adv index at end of book
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Foundry Equipt. Co., 1833 Columbus rd, Cleveland, O.
Hoisting Machinery Co., 50 Church, New York
Hunt, C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Penn Foundry & Mfg. Co., Reading, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
United Iron Works Co., Inc., Kansas City, Mo.
Youngstown Steel Car Co., Niles O.

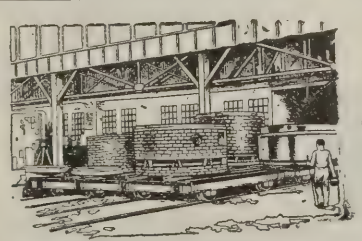
2014a— *Cars (Cradle Dump)

EASTON CAR & CONSTRUCTION CO. 198 Fulton, New York
See adv index at end of book

2015— Cars (Creosoting)

EASTON CAR & CONSTRUCTION CO. 198 Fulton, New York
See adv index at end of book

EASTON INDUSTRIAL RAILWAY CARS



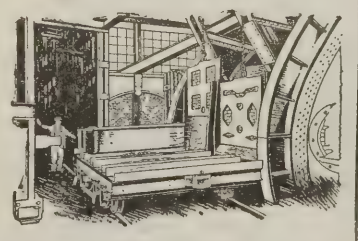
CORE OVEN CARS

Four or Six-wheel Core Oven Cars of standard or special design Also billet cars and cars for every steel mill, foundry and industrial purpose.

Catalogs or Service

CHARGING BOX CARS

We build cars for every steel plant and rolling mill servicein both the four-wheel and double-truck, or eight-wheel types of standard and special designs. Platforms of heavy steel rails when desired.



EASTON CAR & CONSTRUCTION CO., 198 Fulton St., NEW YORK

CARS (CREOSOTING)—continued
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2016— Cars (Derrick)

American Bridge Co., 30 Church, New York
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co. (Mounted on Cars), Duluth, Minn.
See adv index at end of book
Continental Bridge Co., 460 Monadnock Block, Chicago, Ill.
Dobbin Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Easton Car & Construction Co. (Crane), 198 Fulton, New York
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Wilson Machinery Co., 301H W 35th, Chicago, Ill.

2016a—*Cars (Double Deck)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2016b—*Cars Double (Truck)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

2017— Cars (Drop Bottom)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Cement Tile Machinery Co., Waterloo, Ia.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Georgia Car & Locomotive Co., Atlanta, Ga.
Goodwin Car & Mfg. Co., 17 Battery pl, New York
Hamilton Wm. Sons Car Co., Newark, Ohio
Haskell & Barker Car Co., Michigan City, Ind.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Insley Mfg. Co. (Controllable Concrete), 3500 E St. Clair, Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co., 80 E Jackson blvd, Chicago, Ill.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Sanford Day Iron Works, 612 Dale av, Knoxville, Tenn.
Steel Car Co., Euclid, O.
Steubner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Youngstown Steel Car Co., Niles, O.

2018-19— Cars (Dryer)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d nr. Lancaster av., Philadelphia, Pa.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Phila., Pa.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Globe Machinery & Supply Co., Des Moines, Ia.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Proctor & Schwartz, Inc. (Brick), 7th & Tabor rd, Philadelphia, Pa.
See adv index at end of book
Sharp Mfg. & Supply Co., New Phila., O.
Western Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2020—*Cars (Dump, Industrial)

Biehl Iron Works, Inc., Reading, Pa.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book

2021—*Cars (Dump, Side & Bottom)

EASTON CAR & CONSTRUCTION CO. 198 Fulton, New York
See adv index at end of book

2022— Cars (Dumping)

See also Cars, Mine

Acme Road Machy. Co., Frankfort, N. Y.
Akron Cultivator Co. (Hand Dump), Akron, O.
American Car & Foundry Co. ("Page" Patented), Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Electric, End, Bottom, Either Side, Rocker, Rotary, etc), Cleveland, O. *See adv index at end of book*
Austin Mfg. Co. (Automatic), 901 S Michigan av, Chicago, Ill.
Bacon & Matheson Forge Co. (Mine & Ore), 17H W Lander, Seattle, Wash.
BIEHL IRON WORKS, INC., Reading, Pa.
See adv index at end of book
Bonnot Company, Canton, O.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Buffalo Pitts Co. (Contractors), Buffalo, N. Y.
Cement Tile Machinery Co., Waterloo, Ia.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Clark Car Co. (Steel Balanced Door), 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.
Denver Engineering Works Co., Denver, Colo.
Differential Car Co., Inc., 141 B'way, New York
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Goodwin Car & Mfg. Co., ("Goodwin"), 17 Battery pl., New York
Haskell & Barker Car Co., Michigan City, Ind.
Hadfield-Penfield Steel Co. (The) (Steel & Wood), Bucyrus, O.
Helmick Fdry & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Controllable Side & Bottom Concrete), 3500 E. St. Clair, Indianapolis, Ind.
International Clay Machinery Co., Dayton, Ohio.
Inter-State Car Co., Indianapolis, Ind.
Irwin Foundry & Mine Car Co. (Contractors, etc), Irwin, Pa.
Kalamazoo Railway Supply Co. (Contractors'), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lake Shore Engine Works (Rotary, etc., All Kinds), Marquette, Mich.
Lakewood Engineering Co. (Steel Body Side Rocker Dump, Steel Body End Dump, V-Dump & Wood Body End Dump), Cleveland, O.
Light Railway Equipment Co., Commercial Trust bldg, Philadelphia, Pa.
LINK-BELT COMPANY (Side & Bottom Dump, etc.), 300 W 39th, Chicago, Ill.
See adv index at end of book
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co. (Gondola, Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
Oliver Wm. J. Mfg. Co. (Contractors' All Steel Frame Cars, Automatic Couplers & Air Brakes), Knoxville, Tenn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Port Huron Engine & Thresher Co. (For Hauling Stone Gravel, etc., for Macadam Roads), Port Huron, Mich.
Portland Co., Portland, Me.
Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hilburn, N. Y.
Rodger Balast Car Corp., Railway Exchange bldg, Chicago, Ill.
Russel Wheel & Foundry Co., Chene Bl. RR, Detroit, Mich.
Sanford Day Iron Works, 612 Dale av, Knoxville, Tenn.
Stedman's Foundry & Machine Works (For Fertilizer Works), Aurora, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Summers Steel Car Co. (Gravity), Oliver bldg, Pittsburgh, Pa.
Treadwell M. H. Co., 140 Cedar, New York
Truax Mfg. Co. (Jno. T. Plummer, Prop.), (Steel), Denver, Colo.
Union Iron Works (Steel), Hoboken, N. J.
United Iron Works Co., Inc., Kansas City, Mo.
Western Wheeled Scraper Co., Aurora, Ill.
William A. Box Iron Works Co., Denver, Colo.
Youngstown Steel Car Co. (All Steel, Automatic or Hand, Rocker, Side Dump, Rotary Dump, etc.), Niles, O.

2023—Cars (Dumping, Railroad)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car & Mfg. Co., 17 Battery pl, New York

2023a— *Cars (Electric)

ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2024-5—Cars (Electric Conveying)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Cars (Fibre)

See Trucks, Mill

2026— Cars (Flat)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Baltimore Car & Fdry Co., Pittsburgh, Pa.
Barney & Smith Car Co. (Steel & Wood), Dayton, O.
Bettendorf Co. (All Steel), Bettendorf, Ia.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Ga. Car & Locomotive Co., Atlanta, Ga.
Georgia Car & Locomotive Co., Dept. H, Atlanta, Ga.
Gregg Co., Ltd., Hackensack, N. J.
Hamilton Wm. Sons Car Co., Newark, Ohio
Haskell & Barker Car Co., Michigan City, Ind.
Hoisting Machinery Co., 50 Church, New York
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Skeleton Steel Frame Industrial), 3500 E St. Clair, Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Portland Co. (Narrow Gauge), Portland, Me.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Chene Bl. RR, Detroit, Mich.
Stolz Jos. & Son., Inc., 841 E 136th, New York
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.
Youngstown Steel Car Co., Niles, O.

2027— Cars (Foundry)

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co. (Ladle, Foundry, etc), Cleveland, O.
See adv index at end of book
CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO. 198 Fulton, New York
See adv index at end of book
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Penn Foundry & Mfg. Co., Reading, Pa.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
United Iron Works Co., Inc., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E. 40th (For Steel Works, etc.), Cleveland, O.
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2028— Cars (Freight)

American Car & Foundry Co. (Wooden & Steel), Syndicate Trust bldg, St. Louis, Mo.

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Baltimore Car & Foundry Co. (Metal, Wood & Composite), Pittsburgh, Pa.
Barney & Smith Car Co. (Steel & Wood), Dayton, O.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cambria Steel Co. (Steel), Widener bldg, Phila, Pa.
Georgia Car & Locomotive Co., Atlanta, Ga.
Gregg Co., Ltd., Hackensack, N. J.
Hamilton Wm. Sons Car Co., Newark, Ohio
Haskell & Barker Car Co., Michigan City, Ind.
Hunt C. W. Co. (Narrow Guage Only), West New Brighton, N. Y.
See adv index at end of book
Inter-State Car Co., Indianapolis, Ind.
Keith Car & Mfg. Co., Sagamore, Mass.
Laconia Car Co., 60 Congress, Boston, Mass.
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Merchants Dispatch Transportation Co., Dept. H, E. Rochester, N. Y.
Middletown Car Co., Middletown, Pa.
MOTLEY JAMES M., 43 Cedar, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Portland Co. (Narrow Gauge), Portland, Me.
Pressed Steel Car Co. (Steel & Composite), 307 5th av, Pittsburgh, Pa.
Pullman Co., Pullman bldg, Chicago, Ill.
Ralston Steel Car Co. (Steel & Wooden), Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Rodger Ballast Car Co. ("Hart," Convertible), Railway Ex bldg, Chicago, Ill.
Sheffield Car & Equipment Co., Sheffield, Mo.
Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.
Steel Car Co., Euclid. O
Summers Steel Car Co., Oliver bldg, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Wood & Steel), Peoples Gas bldg, Chicago, Ill.
Youngstown Steel Car Co. (Standard), Niles, O.

2029— Cars (Gable Bottom)

EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Youngstown Steel Car Co., Niles, O.

2030-1— Cars (Gas Coke)

Akron Cultivator Co., Akron, O.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Youngstown Steel Car Co., Niles, O.

2032— Cars (Gondola)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Cambria Steel Co. (Also Steel Hopper Gondola), Widener bldg, Phila., Pa.
Continental Car Co. of America, Louisville, Ky.
Gregg Co. Ltd., Hackensack, N. J.
Hamilton Wm. Sons Car Co., Newark, Ohio
Hoisting Machinery Co., 50 Church, New York
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Tenn.
Magor Car Corp. (Steel), 30 Church, New York
Marsh Refrigerator Service Co., Pt. Washington rd, Milwaukee, Wis.
Merchants Despatch Transportation Co., East Rochester, N. Y.
National Dump Car Co. (Dumping Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
Ralston Steel Car Co. (Self-Cleaning Drop Bottom), Columbus, O.
Rodger Ballast Car Co. ("Hart" Convertible), Railway Exch bldg, Chicago, Ill.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Steel Car Co., Euclid, O.
Youngstown Steel Car Co., Niles, O.

2033— Cars (Gravity Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car & Mfg. Co., 17 Battery pl, New York.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Summers Steel Car Co. ("Summers"), Oliver bldg, Pittsburgh, Pa.

2034— Cars (Hand & Push)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Buda Co., Railway Exch bldg, Chicago, Ill.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Continental Car Co. of America, Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. (also Hand Dump), 198 Fulton, New York *See adv index at end of book*
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Fox Bros. & Co., 126 Lafayette, New York.
Glover Machine Works, Marietta, Ga.
Hunt C. W. Co. (Also Hand Dump), West New Brighton, N. Y.
See adv index at end of book
Kalamazoo Railway Supply Co. (Section), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Lansing Co., Lansing, Mich.
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Standard Scale & Supply Co., Ltd., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wilson & Carmona ("Scout Runner" Hand), Winona, Minn.
Youngstown Steel Car Co., Niles, O.

2035— Cars (Hopper)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. (Bottom), 198 Fulton, New York
See adv index at end of book

"K. & J." Products

Are Wheelbarrows, Scrapers, Carts and Trucks, Air Dump Cars—15 and 20 yard capacity, Motor Truck Bodies, Electric Tractors and Trailers, Industrial Cars.

TRADE MARK
THE SEAL OF SATISFACTION K&J
REG. U.S. PAT. OFF.


Fig. 201

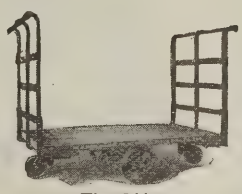
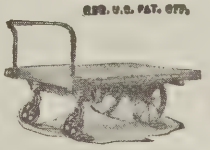

Fig. 244

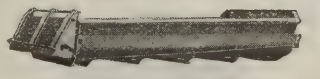

Fig. 249

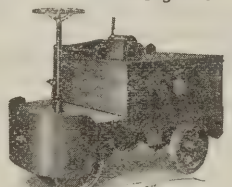

Fig. 242

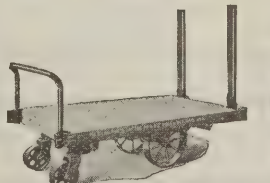

Fig. 207 Steel


Fig. 235

We are illustrating only a few of our representative types

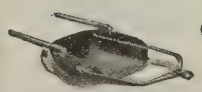

Model "K" Motor Truck Body

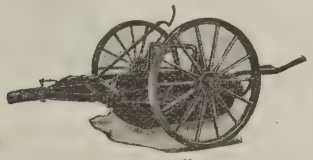

Type "T 22" Industrial Tractor


Fig. 390 Trailer


"K & J" All Steel Automatic Air Dump Car

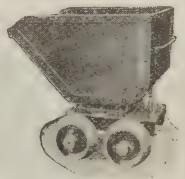
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"K & J"


"Pan American"


Type 590-B, V-Shape Side Dump Car


Type 572 Rotary Ore Car

NEW YORK

THE KILBOURNE & JACOBS MFG. CO., Columbus, O., U. S. A.

CANS (HOPPER)—continued

Erie Car Works, 1150 W 17th, Erie, Pa.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jackson Mfg. Co. (Drop Bottom), Harrisburgh, Pa.
Kilbourne & Jacobs Mfg. Co. (Hopper Bottom), Columbus, O.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
Ralston Steel Car Co., Columbus, O.
United Iron Works Co., Inc., Kansas City, Mo.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2036—Cars (Hot Metal or Slag)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Connelly D., Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Denver Engineering Works Co. (Slag Only), Denver, Col.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Goodwin Car & Mfg. Co. (Slag), 17 Battery pl, New York.
Hartman Co. (Dump Cinder), 1231 N Front, Philadelphia, Pa.
Hunt C. W. Co. (Cinder), West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
Magor Car Co., 30 Church, New York
Penna. Engineering Works, New Castle, Pa.
Pollock Wm. B. Co. ("P. T. Berg," for Cinder & Hot Metal), Youngstown, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Treadwell M. H. Co., 140 Cedar, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works Co., Inc., Kansas City, Mo.
Weimer Machine Works Co. (Any Capacity & Style), Lebanon, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
William A. Box Iron Works Co. (Slag), 3309 Blake, Denver, Colo.
Youngstown Steel Car Co., Niles O.

2037— Cars (Industrial)

See also Railways, Industrial & Portable

Akron Cultivator Co., Akron, O.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
ATLAS CAR & MFG. CO. (Narrow Gauge Railway), Cleveland, O.
See adv index at end of book
Baker Iron Wks., 912 No. B'way, Los Angeles, Cal.
Box Wm. A. Iron Work, 3309 Blake, Denver, Colo.
BIEHL IRON WORKS, INC., Reading, Pa.
See adv index at end of book
BROWN & SITES CO., 30 Church, New York
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.
Cowan Truck Co. (Eletric), Holyoke, Mass.
EASTON CAR & CONSTRUCTION COMPANY, 198 Fulton, New York
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Globe Machinery & Supply Co. (Cement), Des Moines, Ia.
Goodwin Car & Mfg. Co., 17 Battery pl, New York
Gregg Co. Ltd., Hackensack, N. J.
Harriman Foundry & Machine Works, Harriman, Tenn.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Skeleton Steel Frame Flat), 3500 E St. Clair, Indianapolis, Ind.
KILBOURNE & JACOBS MFG. CO. (Rocker, Dump & Quarry), Columbus, Ohio. *See adv index at end of book*
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Koppel Industrial Car & Equipment Co. ("Koppel"), Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Llewellyn Iron Wks., 1100 Main, Los Angeles, Cal.
Magor Car Corp., 30 Church, New York
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
Penn Foundry & Mfg. Co., Reading, Pa.
Penn Tank Car Co., 503 Market, Sharon, Pa., and San Francisco, Cal.
Plains Iron Works Co., Denver, Colo.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Stolz Jos. & Son, Inc. (Special), 841 E 136th, New York
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Truax Mfg. Co., Denver, Col.
Treadwell M. H. Co. 140 Cedar, New York
Treadwell M. H. Co., of Illinois, 208 S. LaSalle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works Co. Inc., Kansas City, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Worthington Pump & Machy. Corp. (Steel), 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co., Niles O.

2038— Cars (Ingot)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Steel), Cleveland, Ohio. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
EASTON CAR & CONSTRUCTION CO., (Ingot Mold), 198 Fulton, New York
See adv index at end of book
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Magor Car Corp., 30 Church, New York
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Pennsylvanita Engng. Works, New Castle, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Illinois, 208 S La
Treadwell M. H. Co., 140 Cedar, New York
TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*
United Engineering & Foundry Co., Keenan bldg, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.
Youngstown Foundry & Machine Co., Niles, O.

2039-40— Cars (Inspection)

See also Cars, Motor, Inspection

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Buda Co., Railway Exch. bldg., Chicago, Ill.
Easton Car & Construction Co., 198 Fulton, *See adv index at end of book*
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Hotchkiss, Blue & Co., 30 E Jackson bl, Chicago, Ill.
Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
Northwestern Steel & Iron Works, Eau Claire, Wis.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Teeter-Hartley Motor Co., Hagerstown, Ind.

Cars (Interurban)

See Cars, Street & Electric

2041—Cars (Interurban Gasoline)

McKeen Motor Car Co. ("McKeen"), Omaha, Neb.

Cars (Ladle)

See Cars, Foundry

2042— Cars (Liquid Cinder)

See also Cars, Hot Metal & Slag

Hartman Co. (End & Side Dump), 1231 N Front, Phila., Pa.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Weimer Machine Works Co. (Hand or Power Dump, Air, Electric & Steam Power), Lebanon, Pa.
Youngstown Steel Car Co., Niles O.

2043— Cars (Logging)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Anniston Electric Steel Corp., Anniston, Ala.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Butterworth & Lowe, Grand Rapids, Mich.
Climax Mfg. Co., Corry, Pa.
Continental Car Co. of America, Louisville Ky.
Dilley Geo. E. & Son, Palestine, Tex.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Erie Car Works, 1150 W 17th, Erie, Pa.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Georgia Car & Locomotive Co., Atlanta, Ga.
Gregg Co. Ltd., Hackensack, N. J.
Helmick Fdry & Machine Co., Fairmont, W. Va.
Holt Mfg. Co., Stockton, Cal.
Kilby Car & Foundry Co., Anniston, Ala.
Luther Frederick P., 14 E. Jackson blvd., Chicago, Ill.
Magor Car Corp., 30 Church, New York
Marshall Car Wheel & Fdry Co., Marshall Tex.

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THE BIEHL IRON WORKS, INC.

READING, PA.

Moffitt Iron Works Co., Sanford, N. C.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Portland Co. (Log Bunks), Portland, Me.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Raleigh Iron Works Co., Raleigh, N. C.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Chene Bl. R. R., Detroit, Mich.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Tredegar Co., ft. of 5th, Richmond, Va.
Union Iron Works Co., Selma, Ala.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles O.

2044— Cars (Matte Tapping)

Pacific Foundry Co. ("Kilker's Patent), 18th & Harrison, San Francisco, Cal.

2045— Cars (Mine & Ore)

Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
American Bridge Co., 30 Church, New York
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Anniston Electric Steel Corp., Anniston, Ala.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bacon & Matheson Forge Co. (Three-Way Dump), 17H W Lander, Seattle, Wash.
Barney & Smith Car Co., Dayton, O.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cherry Tree Machine Co., Cherry Tree, Pa.
Chrisman Foundry Co., Morgantown, W. Va.
Clark Car Co. (Steel Dumping), 1624 Oliver bldg., Pittsburgh, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Continental Car Co. of America, Louisville, Ky.
Denver Engineering Works Co., Denver, Colo.
Dillon Box Iron Works Co., Denver, Col.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works (Coal Ouly), Des Moines, Ia.
EASTON CAR & CONSTRUCTION COMPANY (Coal, etc.), 198 Fulton, New York *See adv index at end of book*
Egyptian Iron Works, Murphysboro, Ill.
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Engineering Works, Van Buren, Ark.
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Fairmont Mining Machinery Co., Fairmont, W. Va.
Fisher Mine Equipment Co., W. Newton, Pa.
Fleming J. R. & Son Co., Scranton, Pa.
Frank M. K., H. Frick bldg, Pittsburgh, Pa.
Fulton Pit Car Co., Canal Fulton, O.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Galena Iron Works Corp. (Steel & Wood), Galena, Ill.
Garrity Ralph E. Co., 607H Wabash bldg, Pittsburgh, Pa.
Goodwin Car & Mfg. Co., 17 Battery pl, New York
Great Western Mfg. Co., Leavenworth, Kan.
Gustafson Mfg. Co., Chattanooga, Tenn.
Harman & Hassert, Bloomsburg, Pa.
Harriman Fdy. & Mch. Wks. (Mine Only), Harriman, Tenn.
Hassell Iron Works Co., Colorado Springs, Col.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hempfield Foundry, Greensburg, Pa.
Hendrick Mfg. Co. (Steel), Carbondale, Pa.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Hendy J. Iron Works, 75 Fremont, San Francisco, Cal.
Herzler & Henninger Machine Works (Coal Mine), Belleville, Ill.
Hockensmith Wheel & Mine Car Co. (Wood, Steel or Combination), Penns Station, Pa.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kanawha Mfg. Co., Charleston, W. Va.
Kilbourne & Jacobs Mfg. Co. (Pressed Steel, Side & Rotary Dump, Hopper, etc), Columbus, O.
See adv index at end of book
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Koppel Industrial Car & Equipment Co., Dept H, Koppel, Pa.
Ladel Mfg. Co., New Phila., O.
Lake Shore Engine Works (Of All Kinds), Marquette, Mich.
Lakewood Engineering Co., Cleveland, O.
Lansing Co. (Steel, etc), Lansing, Mich.
Lincoln Steel & Forge Co. (Mine Only), 5701 Natural Bridge av, St. Louis, Mo.
Lorain Steel Co., Johnstown, Pa.
McFarlane Mfg. Co., Denver, Colo.
Magor Car Corp., 30 Church, New York
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Mount Carmel Iron Works, Mt. Carmel, Pa.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
Niles Mine & Mill Supply Co., Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Pennsylvania Engineering Works, New Castle, Pa.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Phillips Mine & Mill Supply Co. (Steel & Wood), 2227 Jane, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Prox Frank Co., Terre Haute, Ind.
Punxsutawney Foundry & Machine Co., Punxsutawney, Pa.
Railway & Mine Supply Co. (Ramscomine), McCormick bldg, Chicago, Ill.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Rome Machine & Fdry. Co., Rome, Ga.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Star Mfg. Cfo., New Lexington, O.
Stine S. B., Osceola Mills, Pa.
Stolz Jos. & Son, Inc. (Mine), 841 E 136th, New York
Suppes Forge & Foundry Co., Johnstown, Pa.
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
Truax Mfg. Co., Denver, Colo.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Spokane, Wash.
United Iron Works Co. Inc., Kansas City, Mo.
Watt Mining Car Wheel Co. (Steel, etc), Barnesville, O.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Youngstown Steel Car Co., Niles, O.

2046— Cars (Mold Drying)

CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
United Iron Works Co. Inc., Kansas City, Mo.

2047—Cars (Motor, Inspection)

See also Cars, Inspection; also Cars, Velocipede
Buda Co., Railway Exchange bldg, Chicago Ill.
Fairbanks, Morse & Co. ("Sheffield" Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn.
Fox Bros. & Co., 126 Lafayette, New York
Kalamazoo Ry Supply Co., Kalamazoo, Mich.
Mudge & Co. (Gasoline), 80 E Jackson blvd, Chicago, Ill.
Nichols, Geo. P. & Bro., 2139 Fulton, Chicago, Ill. *See adv index at end of book*
Northwestern Steel & Iron Works, Eau Claire, Wis.
Teeter-Hartley Motor Co., Hagerstown, Ind.

2047a—*Cars (Narrow Gauge)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2048— Cars (Passenger)

See also Cars, Street & Electric
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Barney & Smith Car Co. (Coaches, Sleepers, Dining, Private, Cafe, Baggage, Postal, Parlor, Observation, One Man Safety, All Steel & Steel & Wood), Dayton, O.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.
Georgia Car & Locomotive Co., Dept. H, Atlanta, Ga.
Georgia Car & Locomotive Co., Atlanta, Ga.
Gregg Co. Ltd., Hackensack, N. J.
Hall-Scott Motor Car Co. ("Hall-Scott"), Crocker bldg, San Francisco, Cal.
Hamilton Wm. Sons Car Co. ("Jewett"), Newark, Ohio
Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.
Hoisting Machinery Co., 50 Church, New York
Hotchkiss, Blue & Co., 80 E Jackson blvd, Chicago, Ill.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
McKeen Motor Car Co. ("McKeen" Gasoline), Omaha, Neb.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Pullman Co., Pullman bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.

2048a— Cars (Pig Iron)

BIEHL IRON WORKS INC., Reading, Pa.
See adv index at end of book
CHASE FOUNDRY & MFG. CO THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book

2049— Cars (Pit)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Helmick Fdry & Machine Co., Fairmount, W. Va.
Marshall Foundry Co. (Soaking Pit), 28th & R. R., Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Stine S. B., Osceola Mills, Pa.
United Iron Works Co. Inc. (Coal), Kansas City, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2050— Cars (Plantation)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.
Buda Co., Railway Ex. bldg, Chicago, Ill.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Continental Car Co. of America, Louisville, Ky.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Gregg Co. Ltd., Hackensack, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Kalamazoo Railway Supply Co. (Cane), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co. (Steel Standard & Shovel Nose, etc), Columbus, O.
See adv index at end of book
Kilby Car & Foundry Co. (Cane), Anniston, Ala.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
MOTLEY JAMES M., 43 Cedar, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Stolz Jos & Son, Inc., 841 E 136th, New York
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works, Newburgh, N. Y.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co. (Steel Sugar Cane etc.), Niles, O.

2051—Cars (Plate & Sheet Mill)

Atlas Car & Mfg. Co. (Steel), Cleveland, O. *See adv index at end of book*
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Weimer Machine Works Co., Lebanon, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2051a— Cars (Platform

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2052— Cars (Pole Road)

Butterworth & Lowe, Grand Rapids, Mich.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.

2052a-b— *Cars (Quarry)

See also Cars, Industrial
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.

2052c—*Cars (Radial Gate Hopper)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2053—Cars (Railroad, Repaired or Rebuilt)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Georgia Car & Locomotive Co., Dept. H, Atlanta, Ga.
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
Hamilton Wm. Sons Car Co., Newark, Ohio
HOISTING MACHINERY CO., 50 Church, New York
Indiana Car & Equipment Co., 20 W Jackson blvd, Chicago, Ill.
Inter-State Car Co., Indianapolis, Ind.
Marsh Refrigerator Service Co., Port Washington rd, Milwaukee, Wis.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Steel Car Co., Euclid, O.
Railway & Power Equipment Co., 233 B'way, New York
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2054— Cars (Refrigerator)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Hamilton Wm. Sons Car Co., Newark, Ohio
Haskell & Barker Car Co., Michigan City, Ind.
Marsh Refrigerator Service Co., Port Washington rd, Milwaukee, Wis.
Merchants Despatch Transportation Co., East Rochester, N. Y.
Middletown Car Co., Middletown, Pa.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2054a—*Cars (Road Contracting)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

Cars (Rock)

See Cars, Industrial

2054b—*Cars (Rocker Dump)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2054c—*Cars (Rolling Mill)

ATLAS CAR & MFG. CO., Cleveland, O. *See adv index at end of book*

2055— Cars (Rotary Tunnel)

See also Cars, Tunnel

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Western Wheeled Scraper Co., Aurora, Ill.
Youngstown Steel Car Co., Niles, O.

2055a— *Cars (Scale)

ATLAS CAR & MFG. CO., Cleveland, O. *See adv index at end of book*
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Stolz Jos & Son, Inc., 841 E 136th, New York

2056— Cars (Scale Test)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.,

2056a— *Cars (Scoop)

EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book

2057— Cars (Second-Hand)

See also Railroad Equipments, Second Hand

Luther Frederick Co. (Passenger & Freight), 14 E Jackson blvd, Chicago, Ill.
General Equipment Co., 30 Church, New York
Georgia Car & Locomotive Co., Dept. H, Atlanta, Ga.
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
Hoisting Machinery Co., 50 Church, New York
KLEINHANS H. CO. (Dump, Spreader & Railroad), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Males Co., 2226 Fulton av, Cincinnati, O.
Meyer Henry H. Co., 110 S Howard, Baltimore, Md.
See adv index at end of book
Mitshkun M. Co., 985, Detroit, Mich.
Shaw Willis (Dumping, Flat, etc), 80 E Jackson blvd, Chicago, Ill.
Smith Loyd J. (Electric Street), 20 W Jackson blvd, Chicago, Ill.
SOUTHERN IRON & EQUIPMENT CO., Atlanta, Ga.
Watson John B. Co., Witherspoon bldg, Phila, Pa.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Cars (Section)

See Cars, Hand & Push; Also Cars, Motor Inspection

2058— Cars (Shop)

CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

2059— Cars (Side Dump)

EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Hamilton Wm. Sons Car Co., Newark, Ohio
Hunt C. W. Co., West New Brighton, N.Y.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Penn Foundry & Mfg. Co., Reading, Pa.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

2060-1— Cars (Skip)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ransome Concrete Machinery Co. (Self-Dumping), Dunellen, N. J.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works, Newburgh, N. Y.
United Iron Works Co., Inc., Kansas City, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

Cars (Slag)

See Cars, Hot Metal or Slag

2062— Cars (Spreader)

Buffalo Pitts Co. (Stone Spreading Cars), Buffalo, N. Y.
Continental Car Co. of America, Louisville, Ky.
Mann-McCann Co. ("McCann's" & "Mann" Spreader & Grader), 305 S La Salle, Chicago, Ill.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Western Wheeled Scraper Co., Aurora, Ill.

2063—Cars (Sprinkling, Street Railway)

American Car Sprinkler Co., Worcester, Mass.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Winkler-Grimm Corp., South Bend, Ind.

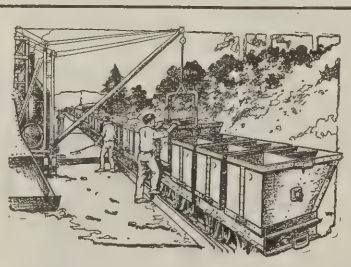
2064— Cars (Steam Shovel)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Western Wheeled Scraper Co., Aurora, Ill.

2065— Cars (Steel)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Baltimore Car & Fdry Co., Pittsburgh, Pa.
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Cambria Steel Co. (Gondola, Hopper, Flat, Tank, etc.), Widener bldg, Phila., Pa.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co. of America, Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. (Mine, Ore), 198 Fulton, New York
See adv index at end of book
Globe Machinery & Supply Co., Des Moines, Iowa
Goodwin Car & Mfg. Co., 17 Battery pl, New York
Hamilton Wm. Sons Car Co., Newark, Ohio
Harlan & Hollingsworth Corp., ft. of West Wilmington, Del.
Insley Mfg. Co. (Industrial & Concrete), 3500 E St. Clair, Indianapolis, Ind.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Magor Car Corp., 30 Church, New York
Mt. Vernon Car Mfg. Co. (Freight), Mt. Vernon, Ill.
Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Car Co. (Of All Kinds), 8000 N B'way, St. Louis, Mo.
Standard Steel Car Co., Butler, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York

EASTON INDUSTRIAL RAILWAY CARS



ROAD CARS

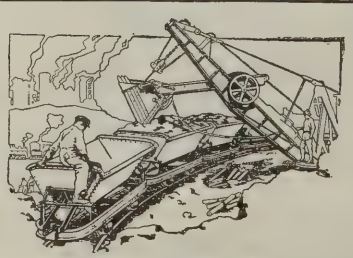
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Catalogs or Service

ROCKER DUMP CARS

of standard or special design and sturdy Easton construction for handling almost all classes of loose material. Also scoop cars, cradle dump cars, skip cars, quarry cars, and gable bottom cars.

Catalogs or Service



EASTON CAR & CONSTRUCTION CO., 198 Fulton St., NEW YORK

Summers Steel Car Co., Oliver bldg., Pittsburgh, Pa.
Youngstown Steel Car Co., Niles, O.

2066—Cars (Steel Mining & Dump)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Goodwin Car & Mfg. Co. (Dump), 17 Battery pl, New York
Hendrick Mfg. Co. (Mining), Carbondale, Pa.
Hoe J. R. & Sons (Coal Mining), Middlesboro, Ky
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
Ramapo Iron Works, Hilburn, N. Y.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Standard Steel Car Co., Butler, Pa.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Truax Mfg. Co., Denver, Colo.
United Iron Works Co., Inc., Kansas City, Mo.
Vulcan Mfg. Co., 1200 4th av, S Seattle, Wash.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Youngstown Steel Car Co., Niles, O.

Cars (Stone)

See Cars, Industrial

2067— Cars (Storage Battery)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Brill J. G. Co. (With "Hycap-Exide" Batteries), 62nd & Woodland av, Phila., Pa.
Easton Car & Construction Co. (Electric), 198 Fulton, New York
See adv index at end of book
Railway Storage Battery Car Co. (Edison Storage Battery Car), 50 Broad, New York

2068—Cars (Street & Electric)

American Car Co., 1518 S Vandeventer av, St. Louis, Mo.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Electric only), Cleveland, O.
See adv index at end of book
Barney & Smith Car Co. (One Man Safety), Dayton, O.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62nd & Woodward av, Phila., Pa.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Hamilton Wm. Sons Car Co. (also Interurban), Newark, Ohio
Kuhlman G. C. Car Co. (See J. G. Brill Co.), Adams & L. S. & M. S. Ry, Cleveland, O.
Laconia Car Co., Boston, Mass. Works: Laconia, N. H.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Pullman Co., Chicago, Ill., & New York
Russell Car & Snow Plow Co., Ridgway, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Southern Car Co., High Point, N. C.
Woeber Car & Mfg. Co., Denver, Colo.

2068a— *Cars (Sugar Cane)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

2069— Cars (Tank)

See also Tanks, Car

Allegheny Foundry Co., Ltd. (Steel), Boquet & Grant, Pittsburgh, Pa.
Allegheny Steel Tank Car Co., Warren, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Bettendorf Co. (All Steel), Bettendorf, Ia.
Chicago Steel Car Co., Harvey, Ill.
Graver Corp., E Chicago, Ind.
See adv index at end of book
Hamilton Wm. Sons Car Co., Newark, Ohio
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio. *See adv index at end of book*
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Pacific Coast Despatch (Tank cars leased for shipment of Gasoline, Crude & Refined Oil, Soya Bean, Peanut, Cocoanut & Chinawood Oils), Phelan bldg., San Francisco, Cal.
Penn Tank Car Co. (For Gasoline, Crude & Refined Oil, Alkali, Molasses & Alcohol), Sharon, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Reeves Bros. Co. (The) (Oil & Acid Transporter), Alliance, O.
See adv index at end of book
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Treadwell M. H. Co., of Ill., 208 S. La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works, Newburgh, N. Y.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2070— *Cars (Tie)

Easton Car & Construction Co., 198 Fulton,
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2071— Cars (Tipple)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
United Iron Works Co., Inc., Kansas City, Mo.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co., Niles, O.

2072— Cars (Tower Hand)

Kalamazoo Railway Supply Co., Kalamazoo, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

2072a— *Cars (Track)

Easton Car & Construction Co. (Industrial Railroad), 198 Fulton, New York
See adv index at end of book

2073— Cars (Track Laying)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Glover Machine Works, Marietta, Ga.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ramapo Iron Works, Hillburn, N. Y.

2074—Cars (Trackless Trolley)

Trackless Trolley Co. of Am., 50 Church, New York

2075—*Cars (Traction Engine)

ELECTRIC WHEEL CO. (Heavy Truck Cars), Station D, Quincy, Ill.
See adv index at end of book

2076— Cars (Tram)

Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co. (Industrial), 198 Fulton, New York
See adv index at end of book
Gregg Co., Ltd., Hackensack, N. J.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Ramapo Iron Works, Hillburn, N. Y.
Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sanford-Day Iron Works, 612 Dale av, Knoxville, Tenn.
Truax Mfg. Co., Denver, Colo.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Inc., Kansas City, Mo.
Youngstown Steel Car Co., Niles, O.

2077— Cars (Transfer)

Anderson Foundry & Machine Works (For Brick Yards, etc), Anderson, Ind.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bonnot Company (Double Transfer), Canton, O.
Cement Tile Machy. Co. ("Ideal"), Waterloo, Iowa
Chambers Bros. Co., 52d below Lancaster av, Phila. Pa.
CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO. (Transformer), 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant Three Rivers, Mich.
Globe Machy. & Supply Co., Des Moines, Ia.
Goodfellow J. P., Blaine, Wash.
Helmick Foundry & Machine Co., Fairmont, W. Va
Kent Machine Co., Kent, O.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Magor Car Corp., 30 Church, New York
North Coast Dry Kiln Co., Seattle, Wash.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Russel Wheel & Foundry Co. (Steel), Chene & Bl R R, Detroit, Mich.
United Iron Works Co., Inc., Kansas City, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2078— *Cars (Tray)

Lakewood Engineering Co., Cleveland, O.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*

2079— Cars (Trolley Repair)

Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

2080— Cars (Tunnel)

Bettendorf Co. (All Steel), Bettendorf, Ia.
Easton Car & Construction Co. (Lining), 198 Fulton, New York
See adv index at end of book
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

2080a—*Cars (Two Way Dump)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.

2080b— Cars (V Dump)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.

2081-2-3—Cars (Velocipede)

See also Cars, Inspection: also Cars, Motor Inspection

Buda Co., Railway Exch bldg, Chicago, Ill.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Teeter-Hartley Motor Co., Hagerstown, Ind.

Cars (Velocipede, Gasoline Motor)

See Cars, Motor Inspection

Cars (Warehouse & Factory)

See Trucks, Store, Warehouse, Etc.

Cars (Wrecking)

See Cranes, Wrecking

2084-5—Cartons (Paper Folding)

Agar Mfg. Co. (Corrugated), 167 41st, Brooklyn, N. Y.
Am. Tri-State Paper Box Co., Nashville, Tenn.
Andrews O. B. Co., Chattanooga, Tenn.
Campbell Paper Box Co., South Bend, Ind.
Carton Corp., 645H Brannan, San Francisco, Cal.
Diepress Co. (Multicolor), Dept. H, Cazenovia, N. Y.
Ft. Orange Paper Co., Castleton-on-Hudson, N. Y.
Gereke-Allen Carton Co., 1701 Chouteau, St. Louis, Mo.
Hummel & Downing Co., Milwaukee, Wis.
Hults E. H. Ind. Inc. (Eggs), 218 Walnut, Phila., Pa.
Illinois Glass Co. ("Diamond I"), 402 W Randolph, Chicago, Ill.
Paraffine Companies, Inc., The, 34 First, San Francisco, Cal.
Pridham R. W. Co., 903 N. Main, Los Angeles, Cal.
St. Louis Label Wks., 925 N 11th, St. Louis, Mo.
Self-Locking Carton Co. (Ventilated Egg In One Dozen & One Half Dozen Sizes, also Cake Bands for Wrapping Cakes & Pies), 569-589 E Illinois, Chicago, Ill.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Star Box & Paper Co., Chattanooga, Tenn.
Thompson & Norris Co., The (Corrugated), 212 Concord, Brooklyn, N. Y.
Trum E. J., Inc., 57 3rd, Brooklyn, N. Y.
Vosta Co., Albany, N. Y.

CARTONS (PAPER FOLDING)—cont.
Waldorf Paper Products Co., St. Paul, Minn.
Wayne Paper Goods Co. ("Round Trip" Laundry), Ft. Wayne, Ind.

2086— *Cartridge Blanks

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

2087— Cartridges (Dynamite)

Du Pont E. I. de Nemours & Co. Inc (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*

Cartridge Mfrs.

See Ammunition

Carts (Barrel)

See Carts, Hand & Barrel

2088— Carts (Coal)

See also Wagons, Coal

Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Milburn Wagon Co., Toledo, O.
Stuebner G. L. Iron Works (Hand Push), Queensboro Terminal, Long Island City
See adv index at end of book

2089— Carts (Concrete)

See also Cars, Concrete: also Wagons, Asphalt; also Barrows, Concrete & Mortar

Austin W. E. Machinery Co., Atlanta, Ga.
Biehl Iron Wk., Inc., Reading, Pa.
Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gray Iron Foundry Co., Reading, Pa.
Hobson & Co., Easton, Pa.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
See adv index at end of book
JACKSON MFG. CO. ("Jackson"), 4th & Boyd, Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
Penn Foundry & Mfg. Co., Reading, Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
STERLING WHEELBARROW CO. ("Sterling" Self-Lubricating Wheels), Milwaukee, Wis.
See adv index at end of book
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

2090—Carts (Concrete Spreading Dump)

Briggs Labor Saving Specialty Co., Waterloo, Ia.
Lansing Co., Lansing, Mich.

2091— Carts (Crushed Ice)

Gifford-Wood Co., Hudson, N. Y.

2092-3— Carts (Dumping)

See also Wagons, Dumping

Acme Wagon Co., Enigsville, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Auburn Wagon Co., Martinsburg, W. Va.
Bain Wagon Co., Kenosha, Wis.
Biehl Iron Works, Inc., Reading, Pa.
See adv index at end of book
Chattanooga Wheelbarrow Co. (For Concrete), Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Etnyre E. D. & Co. ("Tipover"), Oregon, Ill.
Fort Smith Wagon Co., Fort Smith, Ark.
Henderson Wagon Works, Henderson, Ky.
Hill E. W. (Steel), 24 Pollock av, Jersey City, N. J.
Hobson & Co., Easton, Pa.
Hvass Chas. & Co., 511 E 18th, New York
Ky. Wagon Mfg. Co. ("Old Hickory," "Tennessee"), 3rd & K, Louisville, Ky.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Knapheide Henry Wagon Co., Quincy, Ill.
Lansing Co., Lansing, Mich.
Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
MacLean & McCurdy ("MacLean," for Contractors), Dorchester, Boston, Mass.
Nissen Geo. E. & Co., Winston-Salem, N. C.
Overpack S. C., Manistee, Mich.
Owensboro Wagon Co., Owensboro, Ky.
Quaker City Iron Works (Contractors' Steel), Tioga & Richmond, Phila., Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Smith & Sons Mfg. Co., Kansas City, Mo.
STERLING WHEELBARROW CO. (Foundry), Milwaukee, Wis.
Streich A. & Bro. Co., Oshkosh, Wis.
STROUD & CO., Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Sweet B. F. & H. L. Co., Fond-du-Lac, Wis.
Swift Mfg. Co. ("Swift's Practical"), Waterloo, Ia.
Tiffin Wagon Co. (Steel Bucket), Tiffin, O.
Wellington Machine Co. (Brick, etc), Wellington, O.
Western Wheeled Scraper Co., Aurora, Ill.
White Hickory Wagon Mfg. Co., East Point, Ga.
Winona Wagon Co., Winona, Minn.
Wright Thos. Co., 71 Colden, Jersey City, N. J.

Carts (Garbage)

See Wagons, Garbage, Etc

2094— Carts (Hand & Barrel)

See also Trucks, Bag & Barrel

Ames Plow Co., Quincy Hull, Boston, Mass
Aubeuf Frank J., Inc. ("Merrimac," "Monitor" Hand Carts only), Oneida, N. Y.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Brown-Manly Plow Co. ("Malta"), Malta, Ohio
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Gendron Wheel Co. ("Pioneer"), Toledo, O.
Havana Metal Wheel Co. ("Handy"), Havana, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Herschel R. Mfg. Co., Peoria, Ill.
Hobson & Co., Easton, Pa.
Kentucky Wagon Mfg. Co. ("Old Hickory"), Louisville, Ky.
Kilbourne & Jacobs Mfg. Co. ("St. Louis," "Jubilee," "Buckeye," Hand), Columbus, O.
See adv index at end of book
La Crosse Plow Co. ("Rival" Barrell), La Crosse, Wis.
Lansing Co., Lansing, Mich.
Lean, Roderick Mfg. Co. ("Butler" Steel Hand Cart), Mansfield, O.
Menasha Wood Split Pulley Co. (Hand Delivery), Menasha, Wis.
Myers F. E. & Bro., 900 Fourth, Ashland, Ohio.
See adv index at end of book
New Winona Mfg. Co., Winona, Minn.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
Plattner Yale Mfg. Co. ("Plattner"), Lincoln, Neb.
Puffer-Hubbard Mfg. Co. (Steel Wheel), 32d av. S. & 26th, Minneapolis, Minn.
Sandwich Mfg. Co. ("Enterprise," "Sandwich"), Sandwich, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Steel Basket Co., Cedar Rapids, Ia.
Streich A. & Bro. Co. ("Lumbermen's" Hand Car), Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Swartwout Mfg. Co. ("Triumph," Hand & Barrel), Clinton, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
White Hickory Wagon Mfg. Co. (Push), East Point, Ga.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

2095-6— Carts (Harrow)

Bloom Mfg. Co., Nashua, Ia.
Deere & Co. ("John Deere"), Moline, Ill.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
La Crosse Plow Co., La Crosse, Wis.
Madison Plow Co. ("Fuller & Johnson"), Madison, Wis.
Moline Plow Co. ("Success," Riding), Moline, Ill.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Peoria Drill & Seeder Co. ("Kingman," "Great Northern," "O. K.," "Peerless"), Peoria, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co. (Riding), Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.

Carts (Hose)

See Hose Carriages & Carts

2097— Carts (Linemen's)

See also Wagons, Trolley; also Cars, Trolley Repair

Dicke Tool Co., Downers Grove, Ill.

2098-9—Carts (Logging & Lumber)

See also Trucks; also Wagons

Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.
ELECTRIC WHEEL CO., Station D, Quincy, Ill.
See adv index at end of book
Hemming Wagon Co., Meridian, Miss.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Lansing Co., Lansing, Mich.
Overpack S. C., Manistee, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Schwartz, Jos. Co., Ltd., 548 Baronne, New Orleans, La.
Streich A. & Bro. Co., Oshkosh, Wis.
Williams Mfg. Co. ("Forest King"), Macon, Ga.

2100—Carts (Pickup or Beam)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Hobson & Co., Easton, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Lansing Co., Lansing, Mich.

Carts (Push)

See Carts, Hand & Barrel

2101— Carts (Railroad)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bain Wagon Co., Kenosha, Wis.
Hobson & Co., Easton, Pa.
Luedinghaus-Espenschied Wagon Co., 1717 N B'way, St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Contractors), Tiffin, O.

2102— Carts (Road Spreading)

American Road Machinery Co. (For Spreading Road Materials for Macadam Roads), Kennett sq, Pa.
Eagle Wagon Works, Auburn, N. Y.
Good Roads Machinery Co., Kennett sq, Pa.
Port Huron Engine & Thresher Co. (Also Wagons), Port Huron, Mich.

Carts (Sprinkling)

See Street Sprinkling Carts & Wagons

2103—Carts (Street Cleaning Hand)

Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Lansing Co., Lansing, Mich.
Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.

2104— Carts (Three Wheel)

Standard Scale & Supply Co., 1631 Liberty av, Pitsburgh, Pa.
See adv index at end of book
Streich A. & Bro. Co., Oshkosh, Wis.

2105— Carts (Two Wheeled)

Kentucky Wagon Mfg. Co., Louisville, Ky.
STERLING WHEELBARROW CO. (Galvanized; All Kinds for Packers), Milwaukee, Wis.

2106— Carvers (Stone)

Ellin, Kitson & Co., Madison av & 34th, New York
Evans John & Co., 77 Huntington av, Boston, Mass.
Mansfield Fdry. Co., Mansfield, Mass.
Nygard Alfred F., 290 Woodward, Detroit, Mich.
Rochette & Parzini, 218 E 25th, New York
Schellentrager Louis F. & Co., E 10th & Canfield ct, Cleveland, O.
Van Maldern F., 5th & Jumonville, Pittsburgh, Pa.
Whitman Studios, 900 Oxford, Phila, Pa.

2107—Carvers, Wood (Classic)

American Wood Carving Co., 2341 Greenview av, Chicago, Ill.
Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Behm Gustav, 715 North av, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N.Y.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Duchemin Geo. W., 37 Wainwright, Newark, N. J.
Dux Jos, 2112 W Van Buren, Chicago, Ill.
Ellin, Kitson & Co., Madison av & 34th, New York
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co. (Architectural), 81 Bristol, Boston, Mass.
Evans John & Co., 77 Huntington av, Boston, Mass.
Fabry T. P. J., Rochester, N. Y.
Gossert Henry, 320 Harmon, Phila., Pa.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Klise Mfg. Co., Grand Rapids, Mich.
Kopriwa E. Co., 2220 Ward, Chicago, Ill.
Lamb J. & R., 25 6th av, New York
Mascheroni Jos., 2172 Clybourne av, Chicago, Ill.
Nygard Alfred F., 290 Woodward, Detroit, Mich.
Ornamental Products Co. ("Lignive," Unbreakable), 14th & Lafayette, Detroit, Mich.

Peirce W. E. & Co., Milford, N. H.
Plastic Relief Mfg. Co., 1959 Fulton, Chicago, Ill.
Pride Willis A., 43 Bristol, Boston, Mass.
Reddinger P. H. Mfg. Co., Evansville, Ind.
Rochette & Parzini, 218 E 25th, New York
Root C. R., Hartford, Conn.
Schellentrager Louis F. & Co., E 10th & Canfield ct, Cleveland, O.
Schneider F. H., 631 W. Belden av, Syracuse, N. Y.
Thomas & Co., Worcester, Mass.
Van Maldern F., 5th & Jumonville, Pittsburgh, Pa.
Waddell Mfg. Co., Grand Rapids, Mich.
Western Builders' Supply Co. ("Compo"), 135 2d, San Francisco, Cal.
Whitman Studios, 900 Oxford, Phila., Pa.
Zork Mfg. Co., 1509 N Halsted, Chicago, Ill.

2108— Case Hardening

See also Compounds, Case Hardening & Tempering, also Steel Hardening

American Metal Treatment Co., Elizabeth, N. J.
Ashley Machine Works, Rochester, N. Y.
Bidle W S Co., 1411 E 45th, Cleveland, O.
Bliss A. H. & Co., No. Attleboro, Mass.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Bridgeport Metal Treating Co., Bridgeport, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Cleveland Metal Treating & Welding Co., 4829 Lexington av, N E, Cleveland, O.
COES LORING & CO. (INC.), Coes sq. Worcester, Mass.
See adv index at end of book
Connn. Metal Treating Co., Inc., Bridgeport, Conn.
Cosby Co., 183 Pratt, Buffalo, N. Y.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Easton Machine Co., 24 Milk, Boston, Mass.
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
Keller Mfg. Co., 21st & Allegheny, Phila, Pa.
Kohler Die & Specialty Co., De Kalb, Ill.
Lansing Forge Co., Lansing, Mich.
Larson Chas. E., 111 N Despiaines, Chicago, Ill.
Matthews H. A. Mfg. Co., Seymour, Conn.
Matthews Mfg. Co., 104 Gold, Worcester, Mass.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Myall-Wallace Co., 17 E Austin av, Chicago, Ill.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
New England Annealing & Tool Co. (Carbon & High Speed Steel), 74 K, S Boston, Mass.
Norfolk Hardening Works, Inc., 30 Federal, Boston, Mass.
Norris Noiseless Pedal Action Co., Stoughton, Mass.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Roberts Mfg. Co., Lockport, N. Y.
Roessler & Hasslacher Chemical Co. ("R. H." Granular), 709H 6th av, New York
Sier-Bath Co., 143 W 54th, New York
Steel Improvement & Forge Co. ("Infuso"), 5003 Windsor, Cleveland, O.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
Van Doren Mfg. Co., Chicago Heights, Ill.
Vincent Steel Process Co. ("Vincent" Process), 751 Bellevue av, Detroit, Mich.
Williams J. H. & Co. (Annealing, Carbonizing, Case Hardening & Tempering), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2109— Casein

Amalgamated Gum Co. (Vegetable), Troy, N. Y.
Atterbury Bros. (French Imported), 145 Nassau, New York
Bird J. A. & W. & Co., 88 Pearl, Boston, Mass.
Casein Mfg. Co., 13 Park row, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hamilton Co., 50 Church, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
INNIS, SPEIDEN & CO., INC., 46 Cliff, New York. *See adv index at end of book*
Kalbfleisch Corp., 31 Union sq, New York
Klipstein A. & Co. (Dealer), 644 Greenwich, New York
National Milling & Chemical Co., Harper's Mills, Phila., Pa.
Oxide Mfg. Co., Arlington, Mass.
Union Casein Co., 2314 Wood, Phila., Pa.

2109a—*Cases (Ammunition)

Bogert & Hopper, Inc. (Wood for Cartridges), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

2109b— Cases (Bankers')

Ravenswood Office Specialties Co., 1800H Newport av, Chicago, Ill.

2110— Cases (Blacking)

Behrend Jacob, 118 Allen, Phila., Pa.
Dillingham Mfg. Co., Sheboygan, Wis.
Romer Mfg. Co., 203 Diamond, Brooklyn, N. Y.
Stokes Wm. A. & Co., 50 Howard, New York
Udell Works, Indianapolis, Ind.
Van Arnam Mfg. Co., Fort Wayne, Ind.

2111— Cases (Bottlers')

Hightower Box & Tank Co., Atlanta, Ga.
Troy Box & Lbr. Co., Dept. H, Troy, N. Y.
Woodstock Mfg. Co., Charleston, S. C.

2111a— Cases (Card)

Ferree E. H. Co., Lockport, N. Y.
Florin Philip, 465 Broome, New York
Waterbury Mfg. Co., Waterbury, Conn.

2111b— *Cases (Carrying)

Buhrke R. H. Co. (Instrument), 1250H Fullerton av, Chicago, Ill.
KNICKERBOCKER CASE CO. (Typewriter, etc), Fulton & Clinton, Chicago, Ill. *See adv index at end of book*

2112—Cases (Clock & Watch)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Standard Electric Time Co. (Wooden, Clock), Springfield, Mass.
Waterbury Mfg. Co., Waterbury, Conn.

2112a— Cases (Comb)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

2112b— *Cases (Drill)

WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

2112c—Cases (Drinking-Cup)

The Arlington Works (du Pont E. I. de Nemours & Co.), Wilmington, Del.

2113-4— Cases (Egg)

American-Blakeslee Mfg. Co., Birmingham, Ala.
Anderson-Tully Co., Memphis, Tenn.
Beaufort Veneer & Package Co., Beaufort, S. C.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Cherry J. G. Co., Cedar Rapids, Iowa.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Creamery Package Mfg. Co., 61 W Kinnie, Chicago, Ill.
North Star Egg Case Co., Quincy, Ill.
Omaha Box Co., Omaha, Neb.
Peterson-Miller Box Co., Cairo, Ill.
Portland Egg Case Co., Portland, Ind.
Smith L. J., Eaton Rapids, Mich.
Urbana Egg Case Co., Urbana, O.

2115—*Cases (Fishing Tackle)

KNICKERBOCKER CASE CO. (Leather), Fulton & Clinton, Chicago, Ill.
See adv index at end of book

2116— Cases (Jewelry)

American Morocco Case Co., 217 E 38th, New York
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Borgzinner S. Co., Orange, N. J.
Buffalo Jewelry Case Co., Buffalo, N. Y.
Brooks Mfg. Co., 221 High, Boston, Mass.
Carow J. & Co., 85 Warren, New York
Chicago Case Mfg. Co., 213 N Morgan, Chicago, Ill.
Chicago Plush & Leather Case Co., 110 N Franklin, Chicago, Ill.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons (Wood), 358 5th av, New York *See adv index at end of book*
Ettlinger Louis & Sons, 65 Nassau, New York
Farrington Case Co., 116 Nassau, New York
Frank & Gutmann, 25 W 8th, New York
Globe Jewelry Case Co., 127 Spring, New York
Housman C. H., 78 Bedford, Boston, Mass.
Ideal Leather Goods Co., 326 Dean, Providence, R. I.
Jersemann Max, 105 Maiden la, New York
Kahle Wm., 21 Broomfield, Boston, Mass.
Kraft Theo. & Sons, 458 W B'way, New York
Lehmann Ludwig, 72 Beekman, New York
Manhattan Wood Novelty Co., 40 Fulton, New York
Mozar & Co., 38 Maiden la, New York
Muhs Antonio, 114 Kearny, San Francisco, Cal.
Nadelman Lesser, 106 W 28th, New York
National Jewelry Case Co., 642 Michigan av, Buffalo, N. Y.
Rubenstein L, 380 Lafayette, New York
Rueckert Mfg. Co., 162 Clifford, Providence, R. I.
Standard Wood Novelty Co., 446-450 Water, New York
Vt. Box Co., Dept. H, Bristol, Vt.
Warner Jewelry Case Co., 642 Michigan av, Buffalo, N. Y.
Wiggers & Froelick, 8 Dutch, New York
Wolfsheim & Sachs, 35 Maiden la, New York
Zimmerman & Weber, 242 W 41st, New York

2116a— *Cases (Mailing)

Estes E. B. & Sons (Wood), 364 Fifth av, New York *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

2117-18—Cases (Mailing for Liquids)

BOGERT & HOPPER, INC., 57 Barclay, New York. *See adv index at end of book*
Eagle Envelope Co. (For Parcel Post), 5 S Wabash av, Chicago, Ill.
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Improved Mailing Case Co., 309 B'way, New York
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.
St. Louis Paper Can & Tube Corp'n, St. Louis, Mo.
Union Paper Co., 844 Washington, New York
Western Box Co., 326 River, Chicago, Ill.

2119— Cases (Miners' Squib)

National Enameling & Stamping Co., 411 5th av, New York

2120— *Cases (Optical)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

Cases (Packing)

See Packing Boxes

2121— Cases (Pen & Pencil)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Cross A. T. Pencil Co., 53 Warren, Providence, R. I.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.

2122— Cases (Piano)

Bauerle & Stark Co., 1147 W Ohio, Chicago, Ill.
Courtade Jos. N. & Sons, 516 W 24th, New York
Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.
Imperial Mfg. Co., Stamford, Conn.
Mullin & Wendt, New Brunswick, N. J.
Paterson Piano Case Co., Paterson, N. J.
Richardson Piano Case Co., Leominster, Mass.
Schwamb Theo. Co., Arlington Heights, Mass.
Smith F. G., 115 B'way, New York
Wellington Piano Case Co., Leominster, Mass.

2123— Cases (Pocket Knife)

Cauter E. A. (Chamois), 204 Church, New York

2124— Cases (Razor)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 Fifth av, New York
See adv index at end of book
Witte, Alexis, Cutlery Co. (Leather), 36 Erasmus, B'klyn, N. Y.

2124a—Cases (Railroad Ticket)

American Railway Supply Co., 134 Charles, New York
National Ticket Case Co., 842 W 35th, Chicago, Ill.

2125— Cases (Salesman's)

(Catalog, Brief, Letter, etc)

Kamlee Co., 448 E Water, Milwaukee, Wis.
Knickerbocker Case Co., Fulton & Clinton, Chicago, Ill. *See adv index at end of book*

SAMPLE CASES
for anything and everything
in stock or made-to-order
Knickerbocker Case Company
Fulton and Clinton Sts., Chicago, Ill.

Warren Leather Goods Co., Worcester, Mass.

2126— Cases (Sample)

Chicago Case Mfg. Co., 213 N Morgan, Chicago, Ill.
Cummings Josiah & Son ("Hub"), 657 Atlantic av, Boston, Mass.
Fibre Specialty Mfg. Co. ("Hercules" Vulcanized Fibre), Kennnett Square, Pa.
Kamlee Co., 448 E Water, Milwaukee, Wis.
Kennebunk Mfg. Co. (Fibre), Milton, N. H.
Knickerbocker Case Co., Fulton & Clinton, Chicago, Ill.
See adv index at end of book
Murphy P. C. Trunk Co., 13th & Papin, St. Louis, Mo.
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Schmeers Paper Box Co., Syracuse, N. Y.
Scheider Bros., 32 W Pearl, Cincinnati, Ohio

2126a—Cases (Screw Cover Mailing)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2126b— Cases (Shaving Brush)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div., Wilmington, Del.
See adv index at end of book

2126c— Cases (Shaving Stick)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

2127— Cases (Shipping)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Hummel & Downing Co. (Corrugated), N Cambridge & Thomas avs, Milwaukee, Wis.
Illinois Glass Co. (Wood) ("Diamond I"), 402 W Randolph, Alton, Ill.
Manchester Mfg. Co., 1210 S Vandeventer av, St. Louis, Mo.
Paraffine Companies, Inc., The (Corrugated), 34 First, San Francisco, Cal.
See adv index at end of book
Seymour & Peck Co. (Wooden Drums), 20th pl & Sangamon, Chicago, Ill.

2128—Cases (Shipping, Fibre)

See also Packing Box Mfrs.
Already Box Co., Danville, Ill.
Am. Fibre Package Co. Div. Am. Box Board Co., Grand Rapids, Mich.
American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
Battle Creek Paper Co. Ltd., Battle Creek, Mich
Bird & Son ("Neponset"), East Walpole, Mass.
Buffalo Box Factory, Buffalo, N. Y.
Canister Co. of New Jersey, Phillipsburg, N. J.
Carthage Board & Paper Co., Carthage, Ind.
Corrugated Paper Products Co., 221 W 26th, New York
Danbury Square Box Co., Danbury, Conn.
Fibre Container Co. of Pa. (Solid), H. Nixon, Manayunk, Phila., Pa.
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
HINDE & DAUCH PAPER CO., Sandusky, O.
Hummel & Downing Co., N Cambridge & Thomas avs, Milwaukee, Wis.
Lindley Box & Paper Co., Gas City, Ind.
Mengel Box Co., Louisville, Ky.
MID-WEST BOX CO., 111 W Washington blvd, Chicago, Ill.
National Paper Product Co., 1789 H Montgomery, San Francisco, Cal.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Paraffine Companies Inc, The, 34 1st, San Francisco, Cal.
Pennsylvania Fibreform Co., 119 S 4th, Phila., Pa.
River Raisin Paper Co., Monroe, Mich.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.
Scharff-Kohen Mfg. Co. (For Brooms, etc.), 1942H N 2nd, St. Louis, Mo.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Sharlow Bros. Co., 442 W 42nd, New York
Thompson & Norris Co., 212 Concord, Brooklyn, N. Y.
Waldorf Paper Products Co., St. Paul, Minn.

2129— Cases (Shipping, Metal)

Dail Steel Products Co., Lansing, Mich
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Gem Stamped Steel Co., Chelsea, Mass.

Cases (Shoe Polishing)

See Cases, Blacking

2130— Cases (Steel Bottle)

Defiance Pressed Steel Co., Defiance, O.

Cases (Suit)

See Traveling Bags & Suit Cases

2130a— Cases (Syringe)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Cases (Tire)

See Covers, Tire

2131— Cases (Tool)

Gerstner H. & Sons ("Gerstner"), Dayton, O.
Lorenz Wm. Trunk Wks, Inc. (Fibre), 212 Marquette av, Minneapolis, Minn.
Peck Hardware Mfg. Co. (Metal), Berlin, Wis.
Pilliod Lumber Co. ("Pilliod"), Swanton, ton, O.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Wedell & Boers ("W. & B."), 157 Jefferson, Detroit, Mich.
Weydell F. O., 12 S Clinton, Chicago, Ill.

2131b— Cases (Tooth-Brush)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.

2132— Cases (Torpedo)

American Welding Co. (Welded), Carbondale, Pa
Geuder Paeschke & Frey Co. (& Fuses), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

2133-4— Cases (Type)

American Type Founders Co., 200 William, New York
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Hamilton Mfg. Co., Two Rivers, Wis.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

Casings (Gear Shield)

See Gear Cases

2135-6—Casings (Steam Pipe)

See also Pipe, Wooden
American District Steam Co. ("Standard" Asphaltum Pitch Coated Wood), North Tonawanda, N. Y.
Armstrong Cork & Insulation Co. (Cork), 24th & A V. R. R., Pittsburgh, Pa.
Continental Pipe Mfg. Co., Seattle, Wash.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Michigan Pipe Co. (Tin Lined Wood for Insulating Underground Steam & Hot Water Heating Pipes), Bay City, Mich.
Pacific Tank & Pipe Co., 318 Market, San Francisco Cal.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wyckoff A. & Son Co. (Wood), Elmira, N. Y.

2137— Casseroles

Cleveland Stamping & Tool Co., E 53rd & Hamilton, Cleveland, O.
Coors Porcelain Co., Dept. H, Golden, Colo.
Durion Castings Co. (Acid Proof), Dayton, O.
Farber, S. W., 147 S 5th, Brooklyn, N. Y.
Friedman Joseph, 114 5th av, New York
Landers, Frary & Clark ("Universal" China & Pottery Lined), New Britain, Conn.
Limoges China Co., Sebring, O.
Manning-Bowman & Co., Meriden, Conn.
Ohio Pottery Co. (Porcelain), Zanesville, O.
Prisk, Wm. M. & Sons Mfg. Co., Yalesville, Conn.
Roseville Pottery Co., Zanesville, O.
Sweeney W. H., Mfg. Co., 30 Main, Brooklyn, N. Y.
Thermal Syndicate, Ltd., 50 E 41st, New York
Wagner Mfg. Co. ("Wagner Ware" Cast Aluminum), Sidney, Ohio

Cast Iron Filler

See Cements, Iron & Steel Filler

2138—Cast Iron Pipe (High Pressure)

Boyts Porter & Co., Dept. H, Connellsville, Pa.
Colwell-Wilcox Co. (For Steam or Water), Newburgh, N. Y.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Russel Wheel & Foundry Co. (Special), Chene & Bl. R. R., Detroit, Mich.
Wood, R. D. & Co. (For Fire Protection), 400 Chestnut, Phila., Pa.

2139—Cast Iron Pipe Mfrs. (Gas & Water)

Alabama Pipe & Foundry Co., Anniston, Ala.
American Car & Foundry Co. (3 to 42 inches), Syndicate Trust bldg., St. Louis, Mo.
American Cast Iron Pipe Co. (Hub & Spigot Pipe & Fittings), Birmingham, Ala.
American Casting Co., ("National" Lock Joint), Birmingham, Ala.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry ("Globe Specials," Also Fittings of All Kinds for Same), 9 Codding, Providence, R. I.
Camden Iron Works, Camden, N. J.
Central Foundry Co. ("Universal," also Ammonia & Steam), 90 West, New York
Clow James B. & Sons (2 to 48-inch), Franklin & Harrison, Chicago, Ill.
Colonial Supply Co. (Jobbers), 414 1st av, Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co. (3 to 20-inch), Denver, Col.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Donaldson Iron Co. (2 to 36 inches), Emaus, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Fisher C. W., 52H Bway, New York
Fox Jno. & Co. (Mfrs Agts), 253 B'way, New York
Fuller Iron Works (Cast Iron Flange & Socket Pipe), 40 Tockwotton, Providence, R. I.
Glamorgan Pipe & Foundry Co. (1½ to 36-inch), Lynchburg, Va.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Limbert Geo. B. & Co., 558 Fulton, Chicago, Ill.
Lynchburg Foundry Co., Lynchburg, Va.
McMann & Taylor Co., 104 John, New York *See adv index at end of book*
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Oregon Iron & Steel Co. (4 to 32-inch), Concord bldg, Portland, Ore. Works: Oswego, Ore.
Russel Wheel & Foundry Co. (High Pressure Water, Specials), Chene & Bl. R. R., Detroit, Mich.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Standard Foundry Co., Anniston, Ala.
Superior Mfg. Co., Bessemer, Ala.
U. S. Cast Iron Pipe & Foundry Co. (Gas & Water, Sewer & Culvert, 2 to 84 inches), Burlington, N. J.
Warren Foundry & Machine Co. (3 to 60-inch), Phillipsburg, N. J.
Wood R. D. & Co. (1 to 72-inch), 400 Chestnut, Phila., Pa

2140—Cast Iron Soil Pipe & Fittings Mfrs.

For Jobbers of These Goods, See Plumbers' Supplies, Jobbers
Abendroth Bros. (2 to 10-inch), Port Chester, N. Y.
Alabama Pipe & Foundry Co., Anniston, Ala.
Anniston Foundry Co., Anniston, Ala.
Bessemer Pipe Wks, Bessemer, Ala.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (All Sizes), 90 West, New York
Charlotte Pipe & Foundry Co., Charlotte, N. C.
Columbus Foundry Co. (Iron), Columbus, Ga.
Columbia Sanitary Mfg. Co. ("Columbia"), Louisville, Ky.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crown Pipe & Foundry Co. (Up to 8 inches), Jackson, O.
Essex Foundry, Murray, Newark, N. J.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Gadsden Pipe Co., Gadsden, Ala.
Glenn Mfg. Co. (Extra Heavy & Standard Pipe & Complete Line of Fittings), St. Charles, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hallman Oliver F., Mont Clare, Pa.
Hercules Foundry Co. (Cast Iron), Boyle & Slawson av, Los Angeles, Cal.
Johnson J. D. Co. (2 to 15 ft), 43 Boerum pl, New York
Kilby Pipe & Foundry Co., Birmingham, Ala.
Krupp Foundry Co., Leasdale, Pa.
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
Lynchburg Foundry Co., Lynchburg, Va.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Medina Foundry Co., Medina, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York

National Foundry Co. (2 to 10-inch), 10 Sanford, Brooklyn, N. Y.
National Pipe & Fdry Co., Attalla, Ala.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Reading Foundry & Supply Co., Reading, Pa.
Sanitary Co., Drexel bldg, Phila., Pa.
Somerville Iron Works, Somerville, N. J.
South Pittsburg Foundry Co., S Pittsburg, Tenn.
Standard Foundry Co., Anniston, Ala.
Superior Mfg. Co., Bessemer, Ala.
Union Foundry Co. ("U. F. Co."), Anniston, Ala.
Union Sanitary Mfg. Co., Noblesville, Ind.
Weiskittel A. & Son Co. ("Diamond"), 12th & E Lombard, Baltimore, Md.
Wetter H. Mfg. Co., Memphis, Tenn. Works: South Pittsburg, Tenn.
Wolff H. Mfg. Co. (2 to 12-inch), 255 N Hoyne av, Chicago, Ill.

2141-2—Casters (Bed & Furniture)

A. B. Stove Co., Battle Creek, Mich.
Armstrong Truck Co. (Ball Bearing & Friction Swivel), North Wales, Pa.
Bassick Co. ("Feltoid"), Bridgeport, Conn.
Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
Clark Geo. P. Co., Windsor Locks, Conn.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Columbia Ball Caster Co. ("Columbia" Revolving Steel Ball, Stem, Plate, etc), 160 N 5th av, Chicago, Ill.
Delaware Hard Fibre Co. (Fibre "Egyptian"), Wilmington, Del.
See adv index at end of book
Faultless Caster Co. ("Faultless," "Bull Dog," "New Idea" Noisless Wheel, Fibre Wheel, Glass Insulating, etc), Evansville, Ind.
Foster, Merriam & Co. ("Victor"), Meriden, Conn.
HAMILTON CASTER & MFG. CO. THE ("Trukaster," "Kwality Kaster," "Non Cloggable," "Thread Guard," "Run Rite," "Hamilton"), Hamilton, Ohio.
See adv index at end of book
Heron Mfg. Co. (Metal Bed, Wool Wheel), Utica, N. Y.
Inlaid Floor Co., 600 Alabama, San Francisco, Cal., & 4067 Watts, Emeryville, Cal.
Jarvis & Jarvis, Palmer, Mass.
Keystone Friction Hinge Co. ("20th Century"), Williamsport, Pa.
Niksah Snow Guard Co. (Sliding), 5 Mt. Pleasant, Worcester, Mass.
Parker Charles Co. (Piano), Meriden, Conn
Payson Mfg. Co. ("Payson" Anti-Friction Furniture), 2918 W Jackson blvd, Chicago, Ill.
Pennsylvania Stamping Co., York, Pa.
Phoenix Caster Co., Indianapolis, Ind.
Sargent & Co., New Haven, Conn.
Schatz Mfg. Co. ("Acme" Ball Bearing), Poughkeepsie, N. Y.
Schriver O. P. & Co. (Anti-Friction, "Hercules," "I X L"), 621 E Pearl, Cincinnati, O.
Tucker & Dorsey Mfg. Co. ("Martin," "Tucker," "Boss" & "Stengel"), Indianapolis, Ind.
Weber-Knapp Co. (Roll & Sliding), Jamestown, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Casters (Piano)

See Casters, Bed & Furniture

Casters (Sliding)

See Shoes, Sliding Furniture

2143-4—Casters (Stove & Truck)

Adams Co. ("Adams" Stove), Dubuque, Ia.
Armstrong Truck Co., North Wales, Pa.
Arnold & Co., Norwalk, Conn.
Bond Foundry & Machine Co., Manheim, Pa.
Chicago Hardware Foundry Co. ("Harper Handy"), North Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Coleman Hardware Co., 122 S Michigan, Chicago, Ill.
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del.
See adv index at end of book
Divine Bros. Co. (Cushioned Truck Only), Utica, N. Y.
Elkhart Hardware Mfg. Co. (Anti-Friction), Elkhart, Ind.
Fairbanks Co. (Plain & Ball Bearings), 416 Broome, New York
Foster, Merriam & Co. ("Victor"), Meriden, Conn.
HAMILTON CASTER & MFG. CO. THE ("Trukaster," "Kwality Kaster," "Non Cloggable," "Thread Guard," "Run Rite," "Hamilton"), Hamilton, Ohio
See adv index at end of book
Jarvis & Jarvis, Palmer, Mass.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Lansing Co., Lansing, Mich.
Mullins Body Corp., Dept. H., Salem, Ohio
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Payson Mfg. Co. (Anti-Friction Truck), 2918 W Jackson blvd, Chicago, Ill.
Reading Hardware Co., (Store Truck), Reading, Pa.
Sargent & Co., New Haven, Conn.
Schenck M. B. Co. Div. ("Yale," "Gem"), Meriden, Conn.—see the Bassick Co., Bridgeport, Conn.
Schriver O. P. & Co. ("Hercules"), 621 E Pearl, Cincinnati, O.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
STERLING WHEELBARROW CO., Milwaukee, Wis.
Tucker & Dorsey Mfg. Co. ("Tucker"), Indianapolis, Ind.
Universal Caster & Foundry Works, Newark, N. J.—see the Bassick Co., Bridgeport, Conn.
Zering H. Mfg. Co. (Truck), B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

2145—Castings (Acid Resisting)

Acid Proof Iron Products Co., 41 Hermon, Newark, N. J.
Aterite Co., Inc. ("Aterite," "Fanosite"), n e cor John & William, New York
Brown Bros., Stamford, Conn.
See adv index at end of book
Brunner Machy. Co. (For Chem. & Zinc Companies), Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clark J. Alfred, 35th & Gray's Ferry rd, Philadelphia, Pa.
Davis Sewing Machine Co., Dayton, O.
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.
FULLER-LEHIGH CO., Fullerton, Pa.
See adv index at end of book
Harsch John Bronze & Foundry Co., Madison av., Cleveland, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
Pioneer Alloy Products Co, Inc, 16601 Euclid av, Cleveland, O.

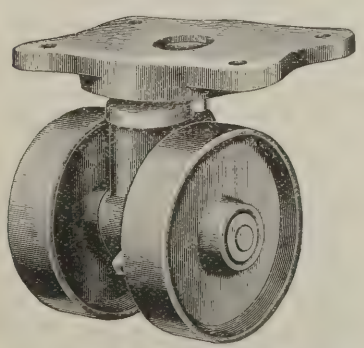
2146—Castings (Air Furnace)

American Foundry & Construction Co., 2d av, & Longworth, Pittsburgh, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co, (Open-Hearth, Converter & Electric Steel), Columbus, O.
Brown Bros., Stamford, Conn.
See adv index at end of book
Chambersburg Engineering Co. (Up to 100 tons), Chambersburg, Pa.
Fuller-Lehigh Co. (Up to 50 tons), Fullerton, Pa.
Hubbard Steel Foundry Co., East Chicago, Ind.
Hunt-Spiller Mfg. Corp. (Gun Iron), 383 Dorchester, av, Boston, Mass.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Lakeside Malleable Castings Co. (Malleable Iron), Racine, Wis.
Maumee Malleable Castings Co. (Malleable Iron), Toledo, O.
MESTA MACHINE CO. (Iron), Box 1124, Pittsburgh, Pa.
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co. (Heavy), Avonmore, Pa.
Philadelphia Roll & Machine Co. (Heavy), 25th & Washington av, Phila., Pa.
Reading Iron Co., Reading, Pa.
Rockford Malleable Iron Works (Refined), Rockford, Ill.
Syracuse Malleable Iron Works (Malleable Iron), Syracuse, N. Y.
Wisconsin Malleable Iron Co., South Bay, Milwaukee, Wis.
Youngstown Foundry & Machine Co., Youngstown, O.

2147— Castings (Aluminum)

Acieral Co. of Am., 26 Cortlandt, New York City
Advance Bronze & Aluminum Foundry Co., E. 99th & Meech av, Cleveland, O.
Albany Steam Trap Co, Albany, N. Y.
Alloyed Metal & Mfg. Co., 4537 Pope av, St. Louis, Mo.
Aluminum Casting & Machine Co., 206 B'way, New York
Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Mfrs., Inc. ("Lynite"), 2210 Harvard av, Cleveland, O.
Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Am. Aluminum Fdry. Co., 6333H S. Irving av, Chicago, Ill.
American Brass & Iron Co., 1 Crystal, Detroit, Mich.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anchor Brass & Aluminum Co., Freeman & 9th, Cincinnati, O.
Anderson A. H., 1213 Fulton, Chicago, Ill.
Asheville Supply & Fdry. Co., Asheville, N. C.
Atkinson Co., Rochester, N. Y.
Atlantic Chain Corp., 73 Marion, Long Island City, N. Y.
Atlas Brass Fdry. Co., The, Columbus, O.
See adv index at end of book
Atlas Brass Foundry Co., 980 Park, Columbus, Ohio
Atlas Brass Works, 612 Bryant, San Francisco, Cal.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bartlett A. F. & Co., Saginaw, Mich.
Best Light Co., 477 Second N E, Canton, O.
Blake Edwin J., Hartford, Conn.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Brass Foundry Co., Peoria, Ill.
Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Brown Bros., Stamford, Conn.
See adv index at end of book
Buckeye Iron & Brass Works (Special), Dayton, O.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Canton Brass Foundry Co., Canton, O.
Capital Brass Fdry ("Capital"), Salt Lake City, Utah
Capital Brass Works, 596 Franklin, Detroit, Mich.
Central Specialty Co., 1651 St. Aubin, Detroit, Mich.
Champion Brass Works, Coldwater, Mich.
Chatham Die-Casting Co., 128 Mott, New York
Chicago Hardware Foundry Co., North Chicago, Ill.

"TRUKASTER"



CASTERS

"KWALITY KASTER"



A complete line of double wheel and single wheel casters that are built to stand the test of hard usage. To get the greatest amount of service out of your trucks see to it that "HAMILTON" casters are used.

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"RUNRITE" CASTER—"TRUKASTER"
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THE HAMILTON CASTER MFG. CO., Hamilton, Ohio, U. S. A.

CASTINGS (ALUMINUM)—continued

Chicago Malleable Castings Co., 120th & Racine av, Chicago, Ill.
Cincinnati Aluminium Casting Co. ("Lumite"), Norwood, Cincinnati, Ohio
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Clark D. W. & Co., 280 First, Boston, Mass.
Clark Foundry Co., Rumford, Me.
Clarksville Foundry & Machine Works, Clarksville, Tenn.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Cleveland Aluminum Casting Co., 905 Addison rd, Cleveland, O.
Colonial Fireplace Co., 4631 W 12th St., Chicago, Ill.
Columbus Foundry Co., Inc., 451 Hicks, Brooklyn, N. Y.
Commutator Co., 121 N. First, Minneapolis, Minn.
Dake Engine Co., Grand Haven, Mich.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Detroit Foundry Co., Grand blvd, Detroit, Mich.
Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept), ft Orleans, Detroit, Mich.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
DIE CASTING CO. OF OHIO (THE), Toledo, Ohio
Dixie Brass & Foundry Co., Birmingham, Ala.
Dorchester Brass & Aluminum Fdry., Dept. H, Hyde Park, Mass.
Eastwood Wire Mfg. Co. (¼ oz to 20,000 lbs), Belleville, N. J.
Electric Materials Co., North East, Pa.
Elevator Supplies Co., Hoboken, N. J.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Enterprise Foundry Co., 6463 E. Warren av, Detroit, Mich.
Enterprise Fdy. Co., 20 Stewart, San Francisco, Cal.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Eureka Co., North East, Pa.
Everhart Brass Works, Scranton, Pa.
Exeter Brass Works, Exeter, N. H.
Exeter Machine Works (Rough or Finished), Commercial Trust bldg, Phila., Pa.
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
Fallon Thos. F. & Co., Lawrence, Mass.
Faries Mfg. Co., Decatur, Ill.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Federal Signal Co., Albany, N. Y.
Fischer-Sweeney Bronze Co., Hoboken, N. J.
Fraim E. T. Lock Co., Lancaster, Pa.
Frankham Wm. Brass & Bronze Works, Canton, O.
Franklin Die-Casting Corp. (Die), Gifford & Magnolia, Syracuse, N. Y.
Gallison F. L., Lawrence, Mass.
General Aluminum & Brass Mfg. Co., Boulevard & St. Aubin av, Detroit, Mich.
General Railway Signal Co., Rochester, N. Y.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Goldsmith C. A., 270 Thomas, Newark, N. J.
Graham James & Co., New Haven, Conn.
Great Lakes Brass Foundry, Bay City, Mich.
Greenville Iron Works, Greenville, S. C.
Hackett Brass Foundry, 242 Lillibridge, Detroit, Mich.
Hagerstown Foundry & Machine Co., Hagerstown, Md.
Hall Printing Press Co., Dunellen, N. J.
Halstead & Co., 1129 Cherry, Phila., Pa.
Hampden Brass Co., Springfield, Mass.
Hancock Mfg. Co., Charlotte, Mich.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Harley Co., Springfield, Mass.
Harsch John Bronze & Foundry Co, Madison av, Cleveland, Ohio
Hastings Foundry & Iron Works, Hastings, Neb.
Hewitt John, East Newark, N. J.
Higgins & Co., Holyoke, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Hills McCanna Co, 2025 Elston av, Chicago, Ill.
Hoban Brass Fdry. Co., Dayton, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Hughes Bros., Scranton, Pa.
Ideal Bronze Co., 1265 E 55th, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Iroquois Foundries, Inc. (Indian Head), 474 Genesee, Utica, N. Y.
Jackson Brass Foundry Co., Jackson, Mich.
Jenkins Mfg. Co., Bloomfield, N. J.
Johnson Bronze Co., New Castle, Pa.
Jones Jas. Co., Los Angeles, Cal.
K. & M. Brass & Aluminum Castings Co., Harwood & E 103th, Cleveland, O.
Keystone Bronze Co. (High Grade), 39th & A. V. R. R., Pittsburgh, Pa.
Lakey Foundry & Machine Co, Muskegon, Mich.
Lambertville Iron & Steel Co., Lambertville, N. J.
Laurel Machine & Foundry Co., Laurel, Miss.
LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
Leetsdale Fdry. & Mfg. Co., Leetsdale, Pa.
Leslie Co. (Bronze), Lyndhurst, N. J.
Levett Walker M. Co., 417 E 23rd, New York
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.
Lima Brass Foundry, Lima, O.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Long Bros., Kokomo, Ind.
Lough Bros, 90 West, New York
Lovell F. H. & Co., Arlington, N. J.
LUNKENHEIMER Co. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McAdamite-Aluminum Co. 57 Isabella av, Detroit, Mich.
McCafferty J. H. Co., 434 Harrison av, Boston, Mass.
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
Machsts. Foundry Co., Muncie, Ind.
Magnis Co., Inc., 860 N Main, Los Angeles, Cal.
Magnus Metal Co., 111 B'way, New York
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
Mechanics' Foundry & Machine Co., Fall River, Mass.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Metal & Alloy Specialties Co., Inc., 25 Illinois, Buffalo, N. Y.
Michael's Art Bronze Co., Covington, Ky.
Midland Brass Works, Fort Worth, Tex.
Miller Engine & Foundry Wks, 2652 Long Beach av, Los Angeles, Cal.
Miller J. Walter Co., Lancaster, Pa.
Mills Wm. A Brass Co., Port Chester, N. Y.
Moak Mach. & Tool Co., Port Huron, Mich.
Monumental Bronze Co., Bridgeport, Conn.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Mosher J. R., Greene, N. Y.
Mt. Carmel Mfg. Co., 2994 Whitney av, Dept. H, Mt. Carmel, Conn.
Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
Murphy Timothy Iron Works, Jacksonville, Fla.
Muskegon Aluminum Foundry Co., Muskegon, Mich.
National Aluminum Co., Racine, Wis.
National Art Bronze Wks Co., Pope & Carrie avs, St. Louis, Mo.
National Brass Mfg. Co. (Large or Small), Rochester, N. Y.
National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
Neenah Brass Works, Neenah, Wis.
New England Brass Foundry, 344H Park av, Worcester, Mass.
Newell Fred E., Central Falls, R. I.
North American Smelting Co., 9th & Thompson, Phila., Pa.
North Star Spinning & Mfg. Co., St. Paul, Minn.
North West Foundries, Inc., Rochester, N. Y.
Norwalk Foundry Co., Norwalk, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Onondaga Brass Co., Syracuse, N. Y.
Osborn Machine Co., Dubois, Pa.
Owren Casting Co., Attleboro, Mass.
Parsons Co., Newton, Ia.
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Pettis, W. W. Co., 416-417 1st Natl Bank bldg., Cincinnati, O.
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
PRECISION CASTINGS CO. INC., Syracuse, N. Y.
Price Bros,. Frederick, Md.
Prier Brass Mfg. Co., Kansas City, Mo.
Providence Brass & Aluminum Foundry (1 Grain to 1000 Pounds; also Aluminum Bronze), 460 Eddy, Providence, R. I.
Racine Aluminum & Brass Foundry, Racine, Wis.
Racine Brass & Iron Co., Racine, Wis.
Rath Aluminum & Brass Foundry Co., New Philadelphia, Pa.
Reading Brass Works, Reading, Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Rider-Bagg Co., Springfield, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rogers C. E., 64H Plympton, Boston, Mass.
Rogers C. E., Brass Foundry, 64H Plympton, Boston, Mass.
Rosenthal's Jos. W. Sons, 190 Berks, Phila., Pa.
Ruggles Machine Co., Poultney, Vt.
Russell Foundry & Machine Works, 51 6th, Long Island City, N. Y.
Rutember Motor Co., Marion, Ind.
Ryder Brass Foundry Co., Bucyrus, O.
Saint Cloud Iron Works Co., St. Cloud, Minn.
San Diego Machine Co., San Diego, Cal.
Sayre Stamping Co. (High Grade), Sayre, Pa.
Shoen-Jackson Co., Water & Mifflin, Phila., Pa.
Sharp J. C., Brass Works, Chattanooga, Tenn.
Shave Furnace & Meter Appliance Co., W Warren av & S Delaware, Denver, Colo.
Sheeler-Hemsher Co., 811 Fairmont av, Phila., Pa.
Sherwood Brass Works, 1167 Jeff E., Detroit, Mich.
Shoop Bronze Co., Tarentum, Pa.
See adv index at end of book
Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fdry. Co,, Greenfield, Mass.
Smith & Johnson Mfg. Co., 2031 Elm, Cincinnati, Ohio
Southern Brass Mfg. & Plating Co., Houston, Tex.
Spangler Chas., Allentown, Pa.
Springfield Brass Co., Springfield, O.
Standard Brass Foundry Co., 990 E 67th, Cleveland, O.
Standard Foundry Co., Hartford, Conn.
Stanley Bronze Co., Bridgeport, Conn.
Sterling Aluminum Co., Erie, Pa.
Sterling Machine & Stamping Co., Wellington, O.
Stern Foundry & Machinery Co., 1630 Annunciation, New Orleans, La.
Stover Mfg. & Engine Co., Freeport, Ill.
Superior Brass Mfg. Co., Dept. H, Mansfield, O.
Superior Bronze Co., Erie, Pa.
Thiery & Kendrick Mfg. Co., 660 Franklin, Detroit, Mich.
Toledo Ship Building Co., Toledo, O.
Topeka Foundry & Iron Works, Topeka, Kan.
Trefethen D. A. Taunton, Mass.
Trenton Brass & Machine Co., Trenton, N. J.
Trenton Malleable Iron Co., Trenton, N. J.
Triumph Electric Co., Oakley, Cincinnati, Ohio
Tritzell Oscar, Brass Founder, 51 Chestnut, New Haven, Conn.
Twentieth Century Brass Works, 514 Fifth av S, Minneapolis, Minn.
Union Brass Foundry Co., Lowell, Mass.
Union Switch & Signal Co., Swissvale, Pa.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Universal Machine Co., Bowling Green, O.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Venango Bronze Metal Co., Franklin, Pa.
Virginia Foundry & Machine Co., Virginia, Minn.
Waltham Foundry Co., Waltham, Mass.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waynesboro Foundry & Machine Co., Waynesboro, Pa.
Weber-Knapp Co., Jamestown, N. Y.
See adv index at end of book
Weil Louis, 32 B'way, New York
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av, Cleveland, O.
Werra Aluminum Foundry Co., Waukesha, Wis.
Western Iron & Foundry Co., Wichita, Kans.
Western Pattern & Mfg. Co., Moline, Ill.
Wheeling Bronze Casting Co., Wheeling, W. Va.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.
Wisconsin Aluminum Foundry Co., Manitowoc, Wis.
Wisconsin Iron & Metal Co., Oshkosh, Wis
York Hardware & Brass Works, Inc., York, Pa.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

2148—Castings (Aluminum Bronze)

Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Brown Bros., Stamford, Conn.
See adv index at end of book
Electric Smelting & Aluminum Co., Lockport, N. Y.
Erie Bronze Co., 353 W 19th, Erie, Pa
Hills McCanna Co., 2025 Elston av, Chicago, Ill.
Titanium Bronze Co., Niagara Falls, N. Y.
Venango Bronze Metal Co., Franklin, Pa.

2149— Castings (Automobile)

See also Castings, Various Kinds

Acieral Co. of Am., 26 Cortlandt, New York
Acme Steel & Malleable Iron Works (Steel & Malleable Iron), 245 Military rd, Buffalo, N. Y.
Allyne-Ryan Foundry Co., Aetna rd & E. 91st, Cleveland, O.
Aluminum Mfrs., Inc., 2210 Harvard av, Cleveland, O.
Artistic Bronze Co., Bridgeport, Conn.
Atlantic Steel Casting Co. (Low Carbon, Open Hearth), Chester, Pa.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Auburn Foundry, Auburn, Ind.
Bonney-Floyd Co. (Open-Hearth, Converter & Electric), Columbus, O.

Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Chicago Steel Foundry Co. (Vanadium 5046 Lakeside, Cleveland, O.
Chisholm-Moore Mfg. Co. (Malleable Iron), 49th to 53d & Lake, Cleveland, O.
Cincinnati Steel Castings Co. (Steel & Other Alloy Steel), Queen City & Spring Grove avs, Cincinnati, O.
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Cleveland Aluminum Casting Co., 905 Addison rd, Cleveland, O.
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Cureton Wm. & Sons (Grey Iron & Semi-Steel), Lexington, Richland Co., O.
Danville Malleable Iron Co. ("Malleable Iron"), Danville, Ill.
Dayton Steel Foundry Co. (Electric), Dayton, O.
Edna Brass Mfg. Co. (Brass), Cincinnati, O.
Ensign Foundry Co., Toledo, O.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Erie Malleable Iron Co., Erie, Pa.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Farrell-Cheek Steel Foundry Co. (Steel), Sandusky, O.
Ferro Machine & Foundry Co., E 66th & Hubbard av, Cleveland, O.
Franklin Die-Casting Corp. (Die), Gifford & Magnolia, Syracuse, N. Y.
Globe Malleable Iron and Steel Co. (Malleable Iron & Vanadis Annealed Steel), 101 Greenway av, Syracuse, N. Y.
Hardy Wm. A. & Sons Co. (Brass & Bronze), Fitchburg, Mass.
Harsh John Bronze & Foundry Co., Madison av, Cleveland, Ohio
Hill Clutch Co., W 65th, Cleveland, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Hopson & Chapin Mfg. Co. (Cast Iron), New London, Conn.
Interstate Foundry Co., E 61st & Erie R R, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Johnson Bronze Co., New Castle, Pa.
Lockport Chemical Wks., Lockport, Ill.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Office & Factories: Beekman & Waverly,
See adv index at end of book
Manufacturers' Foundry Co. (Grey Iron Cylinders; also for Motor Boats), Waterbury, Conn.
Michigan Malleable Iron Co., Delray, Detroit, Mich.
Michigan Motor Casting Co., Flint, Mich.
Minneapolis Elec. Steel Castings Co., 38th av, N E & 5th, Minneapolis, Minn.
Muncie Malleable Casting Co. ("Muncie Crown" Steel), Muncie, Ind.
National Bronze & Aluminum Foundry Co. (Aluminum & Bronze), 2539 E 79th, Cleveland, O.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Ohio Malleable Iron Co. (Malleable Iron), 961 N Fourth, Columbus, O.
Pettis, W. W. Co., 416-417 1st Natl Bank bldg, Cincinnati, O.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Iron & Steel Foundries Co. Midland, Pa.
Reedy Foundry Co., 4600 Iowa, Chicago, Ill.
Reliance Foundry Co., Richmond, Ind.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rockford Brass Works, Rockford, Ill.
Rogers C. E. (Aluminum), 64H Plympton, Boston, Mass.
Rogers, C. E. Brass Foundry (Aluminum), 64H Plympton, Boston, Mass.
Sivyer Steel Casting Co., Milwaukee, Wis.
Smith Geo. H. Steel Casting Co. (Steel & Other Alloy Steel), 500 Clinton, Milwaukee, Wis.
Smith, Wheel, Inc. (Malleable Only), Syracuse, N. Y.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sox Brass Mfg. Co., Dept. H, Albany, N. Y.
Standard Brass Foundry Co., 990 E 67th, Cleveland, O.
Standard Steel Castings Co., 3311 W. 73rd, Cleveland, O.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Superior Fdry. Co., E 71st & W. & S. E. Ry, Cleveland, Ohio
Susquehanna Casting Co., Wrightsville, Pa.
Thiery & Kendrick Mfg. Co. (Brass), 660 Franklin, Detroit, Mich.
Turner & Seymour Mfg. Co., Torrington, Conn.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Warren Steel Casting Co. (Crucible Steel), 3400 Maury, St. Louis, Mo.
Whiteley Steel Co. (Cast Steel), Muncie, Ind.
Yost Mfg. Co. (Crucible Steel), Meadville, Pa.

2150— Castings (Bake Oven)

Spangler Chas., Allentown, Pa.
Sperry D. R. & Co., Batavia, Ill.
Vulcan Mfg Co., 1210 4th av, So Seattle, Wash.
Western Iron & Foundry Co., Wichita, Kans.

Castings (Blast Furnace)

See Castings, Rolling Mill & Furnace; Also Castings, Steel.

Castings (Boiler)

See Boiler Fronts & Castings

2151—Castings (Brass & Bronze)

For all Brass Founders not found under this heading see Machinists & Founders marked with a (§) Section Mark
See also Castings, Copper; Castings, Manganese Bronze; Castings, Phosphor Bronze; Bearings of Various Kinds; Bell Founders; Valve Manufacturers

ALABAMA.

ANNISTON—Bosworth-Ard Machine & Foundry Co.
BIRMINGHAM—Ajax Metal Co. of the South
Dixie Brass & Foundry Co.
Gilb V. & Son
Joubert & Goslin Mach. & Fdry. Co.
Wallwork H. Foundry Co.
MOBILE—Alabama Dry Dock & Shipbuilding Co.
Henderson Shipbuilding Co.
Home Industry Iron Works, Dept. H.
MONTGOMERY—Hartley Boiler Works
Janney & Co. (Also Iron)

CALIFORNIA.

LOS ANGELES—Axelson Machine Co., Box 316
Fulton Engine Works
Hercules Foundry Co., Boyle & Slawson avs.
Jones Jas. Co.
Keystone Iron Wks., 37th & Santa Fe av
Llewellyn Iron Works
Magnis Co. Inc, 860 N Main
Meyberg Co.
Miller Engine & Foundry Wks. ("Miller"), 2652 Long Beach av
OAKLAND—Phoenix Iron Works Co.
RICHMOND— Santa Fe Fdry. Co.
SACRAMENTO—Union Iron Works
SAN DIEGO—San Diego Machine Co.
SAN FRANCISCO—Atlas Brass Works, 612 Bryant
California Artistic Metal & Wire Co., 349 7th
Cal. Brass Works, 444-448H Natoma
DIAMOND EXPANSION BOLT CO. (Brass), 156 2d
See adv index at end of book
Enterprise Foundry Co., 20 Stewart
Garratt W. T. & Co., 299 Fremont
Greenberg's M. & Sons, 225 Beale
Keystone Bronze Co., Hobart bldg.
Kingwell L., 450 Natoma
Krenz Oscar Copper & Brass Works, 619 Bryant
Pacific Metal Works, 153H 1st
San Francisco Brass Foundry, 48 Clementina
Tay Geo. H. Co., 599 Mission

COLORADO.

COLORADO SPRINGS—Hassel Iron Wks. Co.
DENVER—Denver Iron Works & Foundry Co.
Denver Iron Works & Foundry Co.
Flint Electric & Mfg. Co.
Magnus Metal Co., 1241 12th
Shave Furnace & Metal Appliance Co., W Warren av & S Delaware
Slack-Horner Brass Mfg. Co.
Stearns-Roger Mfg. Co.
PUEBLO—Ortner Geo. J.
Pueblo Foundry & Machine Co.

CONNECTICUT.

ANSONIA—Phelps H. D.
BRIDGEPORT—Artistic Bronze Co.
Bassick Co., 38H Austin
Belknap Mfg. Co. (Brass)
Bridgeport Deox. Bronze & Metal Co.
Hamilton Jno. Brass Works
Monumental Bronze Co.
Sanford David C. Co.
Stanley Bronze Co.
BRISTOL—Bristol Brass Co.
DANBURY—Turner Machine Co.
GUILFORD—Spencer's I. S. Sons (Inc.)
HARTFORD—Blake Edwin J.
Capitol Foundry Co.
Craig Jno. M.
Howard Jas. L. & Co.
Standard Foundry Co. (Bronze)
MERIDEN—Foster, Merriam & Co.
Miller Edw. & Co.
MIDDLETOWN—Chapman W. H. Co.
Wilcox, Crittenden & Co., Inc.
See adv index at end of book
MILFORD—Rostand Mfg. Co.
MT. CARMEL—Mt. Carmel Mfg. Co., 2994 Whitney av

BRASS CASTINGS
Light and Medium,
Machined if Desired
Wilcox, Crittenden & Co., Inc.
444 So. Main St., Middletown, Conn.

NAUGATUCK—Russell J. M. Mfg. Co.
NEW BRITAIN—Flannery P. J. Co.
Kinne W. A.
North & Judd Mfg. Co. (& Composition)
Osborne George H.
NEW HAVEN—English & Mersick Co.
Fritzell Oscar, Brass Founder, 51 Chestnut
Graham Jas. & Co.
Ives H. B. Co.
Peck Bros. & Co.
Sargent & Co.
NEW LONDON—New London Marine & Iron Works
NORWICH—Tracy C. Oscar
PLAINVILLE—Carter, E. T.
SHELTON—Meyer Fred'k C. (Also Iron)
STAMFORD—Brown Bros., 46-48 Garden
See adv index at end of book

BROWN BROS.
Successors to Chris Brown & Son
BRASS FOUNDRY
Brass and Bronze Castings
Aluminum Castings
For every purpose
Prompt Services guaranteed
46-48 Garden St., Stamford, Conn.

Stamford Iron Works
STONINGTON—Miller's A. B. Sons
CONNECTICUT—continued
TORRINGTON—Turner & Seymour Mfg. Co.
WATERBURY—American Pin Co.
Connecticut Mfg. Co.
Manufacturers Foundry Co.
Matthews & Willard Mfg. Co.
Novelty Mfg. Co.
SCOVILL MFG. CO.
See adv index at end of book
Waterbury Brass Goods Corp'n
Waterbury Mfg. Co. (Brass)

DELAWARE.

WILMINGTON—Poole J. Morton Co., ft of Thomas

FLORIDA.

JACKSONVILLE—Florida Machine Works Foundry
Murphy Timothy Iron Works
Southern Iron & Metal Co.
MIAMI—Lyne C. H.
ORLANDO — South Florida Foundry & Machine Works
PALATKA—Stanton Foundry & Machinery Co.

GEORGIA.

ATLANTA—Bailey-Burruss Mfg. Co.
Pratt Engineering & Machine Co.
Spalding Foundry Co.
Withers Foundry & Machine Works
AUGUSTA—Georgia Iron Works
BRUNSWICK—Brunswick Marine Construction Corp.
COLUMBUS—Columbus Iron Works
Golden's Foundry & Machine Co.
CORDELE—Tomlin-Harris Machine Co.
MACON—Schofield's J. S. Sons Co.
Taylor Iron Works & Supply Co.
ROME—Davis Foundry & Machine Works
Rome Machine & Fdry Co.
SAVANNAH—Kehoe Iron Works
Rourke John & Sons
WEST POINT—West Point Iron Works
WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

AURORA—Aurora Metal Co.
Love Bros.
BELLEVILLE—M. H. Foundry & Mfg. Co.
CAIRO—Reed Hardware & Mfg. Co.
CHICAGO—Adams & Westlake Co., 319 W Ontario.
Allen W. D. Mfg. Co., 566 W Lake
See adv index at end of book
Anderson A. H. (Light & Heavy), 1213 Fulton
Anderson Bros., 1388 Fulton
Anderson Wm. B. Fdry Co., 28 S Clinton
Benjamin Elec. Mfg. Co. (Brass), 120-128 S Sangamon
Chicago Faucet Co., 2712H N. Crawford av.
Chicago Hardware Foundry Co., 546 Washington blvd
Chicago Journal Bearing Co. (High Grade), 519 W Van Buren
Dawson Brothers, 523 N Halsted

ILLINOIS—continued
DIAMOND EXPANSION BOLT CO. (Brass), 168 No. Michigan av.
See adv index at end of book
Eddy Brass Foundry & Machine Co., 301 N Halsted
Empire Brass Works, 824 Fulton
Faunt Bros., 1555 Fulton
Federal Brass Works, 3100 S Kedzie
Federal-Huber Co., 234 N Halsted
Griscom-Russell Co., 234 N Halsted
See adv index at end of book
Harris Arthur & Co. (Heavy), 212 N Curetis. *See adv index at end of book*
Heath-Johnson Co., 300 W Ontario
Heath J. S. Co., Franklin & Ontario
Hills-McCanna Co., 2025 Elston av.
Hodgson Foundry Co., 2012 W 13th
Holland Brass Works, 616 W Monroe
Illinois Malleable Iron Co., 1801 Diversy blvd
Imperial Brass Mfg. Co. (Red, White, Yellow & Hard Brass), 1200 W. Harrison *See adv index at end of book*
Leitelt Bros, 7725 S Chicago.
Magnus Metal Co., 80 E Jackson blvd.
Mahoney Pat'k F., 552 W Lake
Newman Mfg. Co., 68 W Washington
See adv index at end of book
Paragon Metal Co., 3050 S Ashland av
Ryan J. J. & Co., 100 S Jefferson
Smeeth-Harwood Co., 2401 W 22d
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av
See adv index at end of book
Stier Herman, 814 George
Street & Kent Mfg. Co. (Plumbers' Specialties), 549 Fulton
Western Brass Mfg. Works, Marshall blvd & W 21st
White Brass Castings Co., 1656 Austin av
DECATUR—Faries Mfg. Co.
EDWARDSVILLE—Edwardsville Brass Co.
FREEPORT—Stover Mfg. & Engine Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
MOLINE—Schmidt Joseph
Western Pattern & Mfg. Co.
MURPHYSBORO—Egyptian Iron Works
NORTH CHICAGO — Chicago Hardware Foundry Co.
PEORIA—Brass Foundry Co. ("H. K." Bronze)
Kinsey & Mahler Co.
PETERSBURG—Brass Industrial Works
QUINCY—Bush Foundry & Metal Wheel Co (Also Iron)
Dayton-Dowd Co. (Brass & Iron)
Modern Iron Works
Quincy Foundry & Novelty Co.
Van Doorn Co.
ROCKFORD—Rockford Brass Works
ROCK ISLAND—Blake Specialty Co.
Rock Island Metal Foundry, 505 41st
SPRINGFEILD—Ide A. S. & Sons

INDIANA.

ANDERSON—Lavelle Foundry Co. (Brass)
BEDFORD—Bedford Foundry & Machine Co.
ELKHART — Northern Indiana Brass Fdry. Co.
EVANSVILLE—Evansville Brass Works
Grote F. Mfg. Co.
Healey Peter
Heilman Machine Works
HAMMOND—Hammond Brass Works
INDIANAPOLIS—Drew Electric & Mfg. Co.
Keyless Lock Co.
Pioneer Brass Works
KOKOMO—Kokomo Brass Works
Long Bros.
MARION—Central Mach. & Fdry Co. (Brass)
Marion Foundry Corp.
Marion Machine Foundry & Supply Co.
Rutenber Motor Co.
MICHIGAN CITY—Haskell & Barker Car Co.
MUNCIE—Machsts. Foundry Co.
SOUTH BEND—Fulton Harwood Brass Foundry Co.
TERRE HAUTE—Prox & Burget Co.
Terre Haute Bronze & Brass Foundry

IOWA.

CEDAR RAPIDS—Dearborn Brass Co.
Iowa Steel & Iron Works
DAVENPORT — Davenport Locomotive Works
Davenport Machine & Fdry. Co.
NEWTON—Parsons Co.

KANSAS.

IOLA—United Iron Works Co.
TOPEKA—Topeka Foundry & Iron Works
Western Foundry & Machine Works
WICHITA—Western Iron & Foundry Co.

KENTUCKY.

COVINGTON—Michael's Art Bronze Co.
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Columbia Sanitary Mfg. Co. (Brass)
Henymann & Richard
Moran Flexible Steam Joint Co.
Standard Sanitary Mfg. Co., Ahrens & Ott Div.
Vogt Brothers Mfg. Co.
Vogt Henry Machine Co., Inc.
LUDLOW—Carran Richard B. & Sons Co.
MIDDLESBORO—Hoe J. R. & Sons (Jobbers Brass Only)

LOUISIANA.

NEW ORLEANS—Dibert Bancroft & Ross Co. Ltd., Tulane & Hagan av
Koretke F. H. Brass & Mfg. Co. (Ltd.), 922 Magazine
Murphy John H. Iron Works, 643 Magazine
Stern Foundry & Machinery Co., 1630 Annunciation
Swoop Julian M., 913 Girod

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works Ltd.
Torrey Roller Bushing Works
Watson, Frye & Co., Ltd. (Railroad & Mill)
CAMDEN—Knowlton Bros.
DEXTER—Fay & Scott
HALLOWELL—Fuller's Geo. Sons
MECHANIC FALLS—Penney J. W. & Sons Co.
PORTLAND—Babbitt Chas. E.
Knight Bros.
Laughlin, Thos. Co.
See adv index at end of book
Megquier & Jones Co.
Portland Co.
RUMFORD—Clark Foundry Co.
SO. PORTLAND — Marine Hardware & Equipment Co.

MARYLAND.

BALTIMORE—Baltimore Brass & Plating Works, 118 E Centre
Gibson & Kirk Co. (Up to 150 lbs), 217 Key Highway
Liberty Brass Works, 305 W Lombard
Limerick J. Arthur Co. (Artistic), 960 N Howard
McShane Bell Fdry. Co.
Maryland Brass & Metal Works, Calvert & Federal
Poole Engineering & Machine Co., Woodberry Station
Richardson Edro Brass Co., 318 N Holliday
CUMBERLAND—McKaig Merwin
FREDERICK—Price Bros.
HAGERSTOWN—Hagerstown Metal & Refining Co.

MASSACHUSETTS.

AMESBURY—Amesbury Brass & Foundry Co.
BOSTON—American Tool & Machine Co (Also Iron), 10 High
Clark D. W. & Co., 280 1st
d'Este Julian Co., 24 Canal
See adv index at end of book
Duncan Wm. (Est. of), 156 Liverpool, E. B.
Gibby Foundry Co., 96 Condor, E
Hamlin & Emery Brass Co., 49 Island
Livermore Homer F., Inc., 85 Pearl
Macallen Co., 16 Macallen South
McCafferty J. H. Co., 434 Harrison av
McGANN T. F. & SONS CO. (Art, etc), 117 Portland
See adv index at end of book

Brass and Bronze Castings
Extra fine castings in French sand of either plain or under-cut character
T. F. McGann & Sons Co.
117 Portland Street, Boston, Mass.

Rogers, C. E., Brass Foundry, 64H Plympton
Snow W. A., Iron Works, Inc., 32 Portland
Star Brass Mfg. Co., 53 Oliver
Star Refining Co., 116 W First
Walworth Mfg. Co.
CAMBRIDGE—Ashton Valve Co., 161 First
Hayden G. W.
CLINTON—Clinton Foundry Co. (Also Iron)
EAST BRIDGEWATER — Old Colony Foundry Co.
FALL RIVER—Fall River Foundry & Machine Co.
Mechanics Foundry & Machine Co.
FITCHBURG—Hardy Wm. A. & Sons Co.
Welch E. J. & Co.
GARDNER—Gardner General Foundry Co.
GLOUCESTER—Reed Geo. A. & Son
GREENFIELD—Smith Foundry Co.
HAYDENVILLE—Haydenville Co.
HOLYOKE—Higgins & Co.
HYDE PARK—Dorchester Brass & Aluminum Fdry., Dept. H
LAWRENCE—Fallon T. F. & Co.
Gallison F. L.
LOWELL—Pevey Fdry. Co.
Union Brass Foundry Co.
LYNN—Dempsey Jno. F. & Co.
ORANGE—Hunt Rodney Machine Co.
PEABODY—Marine Hardware Co.
SALEM—Waters A. S.
SPRINGFIELD—Brightwood Brass Fdy.
Emory P. P. Mfg. Co.
Engelhard Frank & Sons, 200 Franklin
Hampden Brass Co.
Harley Company
TAUNTON—Trefethen D. A.
WALTHAM—Boston Brass Co. ("B.B."), 135 Bacon.
See adv index at end of book
WEBSTER—Prescott J. B. & Son
WESTFIELD—Try-Me Mfg. Co.
WOLLASTON—Hall Wm. Co. (Bronze Specification)
WORCESTER—New England Brass Foundry, 344H Park av
Reed & Prince Mfg. Co. (Small)
Star Brass Fdry., Dept. H.
Worcester Brass Co.

MICHIGAN.

BATTLE CREEK—Sherman H. B. Mfg. Co.
BAY CITY—Bay City Iron Co.
Great Lakes Brass Foundry
CHARLOTTE—Hancock Mfg. Co.
CHEBOYGAN—Blake H. A. & Son (Also Iron)
COLDWATER—Champion Brass Works
DETROIT—American Brass & Iron Co., Crystal
Bryant & Berry Co., 34 W Atwater
Capital Brass Works, 596 Franklin
Clayton & Lambert Mfg. Co. (Red & Yellow Brass), 1370-80 Beaubien
Detroit Brass Works, 331 Holden
Detroit Foundry Co., Grand blvd
Detroit Motor Casting Co., 299 Beaufait
Detroit Ship Building Co., ft. Orleans
Detroit Torch & Mfg. Co., 15057 Cardoni av
Essex G. B. Brass Co., 480 Franklin
Federal Bearing & Bushing Corp., 1448 Trombly
General Aluminum & Brass Mfg. Co., Blvd & St. Aubin av
Graebert & Sons, 12 Sherman
Hackett Brass Foundry, 242 Lillibridge
Ireland & Matthews Mfg. Co., Beard & Chatfield
McRae & Roberts Co., 100 S. Campbell av
Magnus Co., 945 Griffin
Motor Products Corp., Mack av & Outer Belt Line
Sherwood Brass Works, 1167 Jefferson, E
Standard Brass Works, 2931H Wight
Stephens Roe Mfg. Co., 1097 McKinly
Sterling & Skinner Mfg. Co., 2672 E Grand blvd
Thiery & Kendrick Mfg. Co., 660 Franklin
GRAND HAVEN—Dake Engine Co.
GRAND RAPIDS — **GRAND RAPIDS BRASS CO.**
See adv index at end of book
Harring, F. J. & Co.
Hartman H. J. Foundry Co.
Keeler Brass Co.
Rempis & Gallmeyer Foundry Co.
Wolverine Brass Works
HANCOCK—Portage Lake Foundry & Machine Co.
HOLLAND—Huntley Machinery Co.
JACKSON—Jackson Brass Foundry Co.
KALAMAZOO—Star Brass Works
LANSING—Gerson & Carey
Michigan Brass & Iron Works
LAPEER—McDonald Wm. Sons
MENOMINEE—Prescott Co.
MUSKEGON—Muskegon Aluminum Foundry Co.
PORT HURON—Draper Mfg. Co.
Moak Mach. & Tool Co. (Brass)
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.
TRAVERSE CITY—Round Harry W.

MINNESOTA.

DULUTH—Duluth Brass Works Co.
MINNEAPOLIS—Commutator Co., 121 N 1st
Twentieth Century Brass Works, 514 5th av S
ST. CLOUD—St. Cloud Iron Works Co.
ST. PAUL—Northwestern Copper & Brass Works, 59 W 3rd
North Star Spinning & Mfg. Co.
South Park Foundry & Machine Co.
St. Paul Brass Foundry Co., Minnesota & Second
Union Brass & Metal Mfg. Co., Lawson & Mackubin
Western Machine Mfg. Co., 443 Rosabel
VIRGINIA—Virginia Foundry & Machine Co.

MISSISSIPPI.

LAUREL—Laurel Machine & Foundry Co.
NATCHEZ—Shaw C. P. & Co.

MISSOURI.

CLINTON—Industrial Iron Works
JOPLIN—Joplin Foundry Co.
KANSAS CITY—Central Brass Works Co.
Kansas City Wire & Iron Works
Prier Brass Mfg. Co.
United Iron Wks. Co., Inc.
ST. JOSEPH—St. Joseph Brass & Iron Co.
ST. LOUIS—Alloyed Metal & Mfg. Co. (Bronze only), 4537 Pope av

American Car & Foundry Co., Syndicate Trust bldg
American Foundry & Mfg. Co., 11th & Hebert
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl
Hewitt Mfg. Co.
Kraushaar Brass Mfg. Co., 919 Pine
Kupferle Bros. Mfg. Co., 600 N 2nd
Laclede Brass Works, 307 Cedar
More-Jones Brass & Metal Co., B'way & Dock
Natl. Art Bronze Wks. Co., Pope & Carrie avs
St. Louis Brass Mfg. Co., Washington & Jefferson avs
St. Louis Car Co. (Railway, etc), 8000 N B'way
SPRINGFIELD—United Iron Works Co.

MONTANA.

BUTTE—Montana Iron Works

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
HASTINGS—Hastings Foundry & Iron Works
LINCOLN—Hedges C. E.
YORK—York Foundry & Engine Works

NEW HAMPSHIRE.

CONCORD—Ford & Kimball
EAST CONCORD—Badger, Franklin L.
EXETER—Exeter Brass Works
NASHUA—Highton Wm. & Sons Co.
PENACOOK—Concord Axle Co.
UNION—Hamlin E. F. Brass Co.

NEW JERSEY.

ARLINGTON—Lovell F. H. & Co.
BELLEVILLE—Eastwood Wire Mfg. Co. (¼-oz to 20,000 lbs.)
BLOOMFIELD—Jenkins Mfg. Co.
DUNELLEN—Hall Printing Press Co.
EAST NEWARK—Hewitt Jno.
EAST ORANGE—Smith A. P. Mfg. Co.
ELIZABETH—Elizabeth Machine & Iron Works
FLEMINGTON—Foran Foundry & Mfg. Co.
HOBOKEN—Elevator Supplies Co.
Fischer Sweeny Bronze Co.
Fletcher W. & A. Co.
Union Iron Works
JERSEY CITY—Brady Brass Co., 170 14th
Gothberg H. & E., 139 Cator av
Krouse Geo. (Heavy), 150 Morgan
Magnus Co., 364 9th
Murphy Wm. J., 279 10th
Schroeder Edw. Lamp Works, 716 Jersey av
Spindler & Deringer, 243 Mercer
Williams E. A. & Son, 109 Plymouth
LAMBERTVILLE—Lambertville Iron & Steel Co.
LYNDHURST—Leslie Co.
NEWARK—Bushauer P., 261 Elm
Defreville, 142 McWhorter
Goldsmith C. A., 270 Thomas
Hedges & Bro., 12 R. R. pl
Hewes & Phillips Iron Works, 8 Orange
Josts Edmund Sons, 58 1st
Newark Brass Works, 20 Lawrence
Riley-Klotz Mfg. Co., 17 Mulberry
Schueler T. & Co., 43 19th av
Turner Machine Co., 28 Eagles
Wheaton A. W. Brass Works, 110 Walnut
Zusi Edward, 80 Mechanic
Zusi Edward A., 101 Monroe
NEW BRUNSWICK—New Brunswick Iron Works
PATERSON—Asbell S. J. Co. (Small)
Finigan-Zabriskie Co. (Todd Mills, Brass & Iron Castings)
PERTH AMBOY—Schantz & Eckert (Also Iron)
SALEM—Salem Brass & Iron Mfg. Co.
TRENTON—McFarland Foundry & Machine Co.
Skillman Hardware Mfg. Co.
Trenton Brass & Machine Co.
Trenton Malleable Iron Co.
Watson John & Sons Co.

NEW YORK.

ALBANY—Cox Brass Mfg. Co.
Federal Signal (Brass)
FitzGerald John L.
Gaynor P. F.
BALLSTON SPA—Davison-Namack Fdry Co.
BUFFALO—Buffalo Non-Ferrous Casting & Mfg. Co., 45 Letchworth
Case W. A. & Sons Mfg. Co.
Fries & Co., 91 Main
Lumea Bearing Co. (To Customers Patterns, Red & Yellow)
See adv index at end of book
Metal & Alloy Specialties Co., Inc., 25 Illinois
Pohlmann John W., Foundry Co., 205 Baltz av
Unique Brass Foundry Co., 841 Grant
Zero Valve & Brass Mfg. Co.
COHOES—Cohoes Iron Foundry & Machine Co.
Simcox Jos. H.
GRASSY POINT—Wiles A. M. & W. H. Co.
GREEN ISLAND—Sweet & Doyle Fdry. & Mach. Co., Dept. H
HUDSON FALLS—Sandy Hill Iron & Brass Works
JAMESTOWN—Ellison Brass Mfg. Co.
Weber-Knapp Co. (Brass)
LOCKPORT—McKim Foundry & Machine Co.
NEWBURGH—Coldwell-Wilcox Co.
Kimball's S. G. Son
PORT CHESTER—Mills Wm. A. Brass Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN — American Marine Brass Foundry Co., Inc., 203 Diamond
Atlantic Basin Iron Works, 168 Van Brunt
Columbus Foundry Co., 451 Hicks
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
Coyne & Delany Co., 832 Kent av
Creamer W. G. & Co., Creamer, c Smith
Doehler Die Casting Co., Huntington
Hamilton Robert & Sons, 56 Water
Hecla Iron Works, 118 N. 11th
Huethwohl Louis, 513 Flushing av
Jefferson Brass Foundry, 209 King
Paulson Thos. & Son, 97 2d av
Penn Brass & Bronze Works, 111 Dobbin
Roman Bronze Works, 275 Greene
Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
Staats Geo. & Co., 74 Bayard
Taylor & Co., 680 Morgan av.
White J. H. Mfg. Co., 111 N. 3rd

Boroughs of Manhattan and Bronx.

NEW YORK—Aerial Co. of America, 26 Cortlandt
Aluminum Casting & Machine Co., 206 B'way
Bronze Metal Co., 30 Church
Brunswick Marine Construction Corp, 63 Wall
Columbian Bronze Corp, 522 5th av.
Creamer W. G. & Co., 96 John
DIAMOND EXPANSION BOLT CO. (Brass), 89 West
See adv index at end of book
Gallagher's Jas. Sons, 87 Centre
Gerdes & Co., 42 Church
See adv index at end of book
Gorham Co., Arch'l Bronze "Gorham" Special Patent), 5th av & 36th. Works: Providence, R. I.
Griscom-Russell Co., 92 West
See adv index at end of book
Guerin P. E., Inc., 21 Jane
Harper Thos., 204 Lafayette
Henry-Bonnard Bronze Co. (also Bronze & Iron), 20 Exchange pl.
Jackson W. H. Co., 2 W 47th
Lasker & Minck, 220 B'way
Levett Walker M. Co., 417 E 23d
Magnus Locomotive Co., 111 B'way
Manhattan Brass Co., 332 E 28th
New York Brass Fdry. Co., 403 Broome
Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d
Scholl Adam, 225 E 138th
S. E. T. Valve & Hydrant Co., 56 Church. *See adv index at end of book*
Superior Bearing Bronze Co., Inc., 719 1st av
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av
Williams Jno., Inc., 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co., Ridge
LONG ISLAND CITY — Atlantic Chair Corp, 73 Marion
McGee Jos, Iron & Brass Foundry Co., 51 6th
Russell Foundry & Machine Works, 51 6th
MASPETH—Queensborough Brass & Bronze Foundry, 184 Broadway
Richey, Browne & Donald, Flushing av
(End of New York City)
NIAGARA FALLS—Titanium Bronze Co.
ROCHESTER—Atkinson Co. (1000 to 5000 lbs.)
General Railway Signal Co.
National Brass Mfg. Co. (Large or Small)
N. W. Foundries, Inc.
Nunn Brass Works
Wray Henry & Son
ROME—Doyle Wm. J.
SALAMANCA — Salamanca Engine-Iron Co.
SARATOGA SPRINGS—Baker Mfg. Corp.
SYRACUSE—Caldwell E. R. & Son Brass Co.
Caldwell & Ward Brass Co. (Brass)
McVey Hugh
Oberdorfer M. L. Brass Co., 810 E Water
Onondaga Brass Co.
Phelps Elmer E.
Senk Jno. & W.
Standard Brass & Aluminum Foundry Co.
Walker Bros. Co.
TONAWANDA—Gillie Machine Co.
TROY—Geier & Bluhm
West Side Foundry Co., Dept. H, 3d av & 26 Watervliet
Wheeler Bros. Brass Foundry
UTICA—Merriam F. M.
Iroquois Foundries, Inc. ("Indian Head"), 474 Genesee
Utica Brass Works

NORTH CAROLINA.

DUNHAM—Dunham Fdry & Mach. Works
NEWBERN—Newbern Iron Works & Supply Co.
RALEIGH—Raleigh Iron Works Co.
WILMINGTON— Wilmington Iron Works (Grey Iron, Semi-Steel & Brass Castings, Grate Bars, Municipal Building, Saw Mill, Oil Mill, Fertilizer Plant & Industrial Castings).

OHIO.

AKRON—Star Drilling Machine Co.
ALLIANCE—Alliance Brass & Bronze Co.
Morgan Engineering Co.
BOWLING GREEN — Universal Machine Co.
BUCYRUS—Ryder Brass Foundry Co.
CANTON—Best Light Co., 477 Second N E
Canton Brass Fdry. Co.
Elbel Co.
Frankham Wm. Brass & Bronze Wks.
CINCINNATI—Anchor Brass & Aluminum Co., Freeman & 9th
Cincinnati Aluminum Casting Co. ("Adamant"), Norwood
Cincinnati Mfg. Co.
Deckebach F. C. Sons Co., 123 W Court
Edna Brass Mfg. Co. (Light & Heavy),
Electric Railway Equipment Co.
Eureka Brass Works, 1040 Hulbert av
Fewlass-Leen Brass & Iron Co., 610 E Front
Hoppe Chas. Co., 121 Opera pl
Kirkup Robt. & Co., 616 Lodge
LUNKENHEIMER CO. Executive Office & Factories: Beekman & Waverly *See adv index at end of book*
National Brass Mfg. Co.
Newman Mfg. Co., 722 Sycamore
See adv index at end of book
Nichol Thos. J. & Co., Pearl & Ludlow
Ohio Pattern Works (Ornamental), 2730 Spring av
Pettis W. W. Co., 416-417 First Nat'l Bank Bldg.
Powell Wm. Co. (Bronze Only), 2525 Spring Grove av
See adv index at end of book
Richter Brass Co., 210 E 9th
Triumph Electric Co., Oakley
CLEVELAND—Advance Bronze & Aluminum, E 99th & Meech av
Aetna Brass Mfg. Co., 1631 E 55th
Buckeye Brass & Mfg. Co., 6410 Hawthorne
City Brass Foundry Co., 5318 St. Clair av
Cleveland Brass Works, 1525 E. 49th
Cochrane J. A. Brass Mfg. Co., 1403 E 40th
Farnan Brass Works Co. (Plumbers' Specialties), 1105 Centre
Glauber Brass Mfg. Co., 49th & Superior av N E
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd
Ideal Bronze Co., 1265 E 55th
K. & M. Brass & Aluminum Castings Co., Harvard & E. 108th
Monarch Brass Co.
National Bronze & Aluminum Foundry Co., 2539 E 79th
Standard Brass Foundry Co., 990 E 67th
Triumph Electric Co., Wade bldg
TYLER, W. S. CO. (Bronze)
See adv index at end of book
United Brass Mfg. Co., 3844 Hamilton av
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av
COLUMBUS—Atlas Brass Foundry Co. Inc.
See adv index at end of book

THE ATLAS BRASS FOUNDRY CO.

Manufacturers of

BRASS, BRONZE AND ALUMINUM CASTINGS

Screw Machine Products — Production Machine Work

COLUMBUS, OHIO

Columbus Brass Co., 538 Dublin av
See adv index at end of book
Iron Products Co.
Ohio Pump & Brass Co.
DAYTON—Buckeye Iron & Brass Works (Special)
Dayton Mfg. Co.
Dennick Wm. & Co.
Hoban Brass Foundry Co.
Miami Brass Foundry Co.
FOSTORIA—"S-C" Regulator Mfg. Co.
GALION—Galion Brass & Bronze Fdry. Co.

OHIO—continued
GENEVA—Champion Hdwe. Co. (Small)
HAMILTON—Hamilton Copper & Brass Works
LIMA—Chalmers Mfg. Co.
Lima Brass Foundry
Lima Metal Fndry. Co.
LORAIN—Lorain Casting Co.
MT. VERNON—Cooper C. & G. Co.
MANSFIELD—Buckeye Tempered Copper & Brass Co.
Superior Brass Mfg. Co.
MARIETTA—Pattin Bros. Co.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
MINERVA—Minerva Hardware Mfg. Co.
NEWCOMERSTOWN — Sterling Specialty Co.
NEW PHILADELPHIA—Rath Aluminum & Brass Co.
NORWALK—Norwalk Foundry Co.
RIPLEY—Ripley Foundry & Machine Co.
SANDUSKY—Klotz Machine Co.
Sandusky Fdry & Machine Co.
SPRINGFIELD—Nolte Brass Co.
Springfield Brass Co.
TIFFIN—Hanson Clutch & Machy. Co.
See adv index at end of book
TOLEDO—Bunting Brass & Bronze Co., 738 Spencer
See adv index at end of book
Duncan The Co.
Seeger Valentine
Toledo Brass & Novelty Works
Toledo Ship Building Co.
WELLINGTON — Sterling Machine & Stamping Co.
YOUNGSTOWN—Falcon Bronze Co.
Mahoning Foundry Co.
United Engineering & Foundry Co. (All Weights)
ZANESVILLE—Dockray H. V., Brass & Iron Co.
Griffith & Wedge Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—**OREGON BRASS WORKS**, 73 N 2nd
Wood John Iron Works

PENNSYLVANIA.

ALLENTOWN—Spangler Chas.
Vulcan Brass Works
BERWYN—American Bronze Corp. ("Non Gran")
BETHLEHEM — Bethlehem Shipbuilding Corp., Ltd. (Brass), Dept. H, Broadhead & Parker av
BLOOMSBURG—Harman & Hassert
BRADFORD—Bradford Motor Works
CATASAUQUA—Hercules Metal Works
CHERRY TREE—Cherry Tree Machine Co.
CHESTER—Crown Smelting Co.
CONNELLSVILLE—Boyts Porter & Co.
Connellsville Foundry Machine & Steel Casting Co. (Brass), Dept. H
Connellsville Machine & Car Supply Co.
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Love Mfg. Co.
DANVILLE—Danville Iron & Steel Co. (Up to 2,000 lbs.)
DUBOIS—Dubois Iron Works
Osborn Machine Co.
ERIE—Campbell J. B. Brass Works
Erie Bronze Co., 353 W. 19th
Hays Mfg. Co.
Jarecki Mfg. Co.
Keystone Brass Works
Superior Bronze Co.
Watson N. A.
FRANKLIN—Hough Chas. N. Mfg. Co.
VENANGO BRONZE METAL CO.
GREENSBURG—Hempfield Foundry
Kelly & Jones Co.
HARRISBURG—Hickok W. O. Mfg. Co.
HOMESTEAD—Homestead Valve Mfg. Co.
JOHNSTOWN—Flood City Mfg. Co.
Suppes Forge & Foundry Co.
LANCASTER—Fraim E. T. Lock Co.
Hubley Mfg. Co.
Miller J. Walter Co.
LANSDALE—Heebner & Sons (Brass)
LEBANON—Lebanon Gear & Machine Works, 17th & Forge
MARIETTA—Marietta Casting Co.
MOUNT CARMEL—Mount Carmel Iron Works
LEETSDALE—Leetsdale Fdry. & Mfg. Co.
NEW BRIGHTON—Keystone Bronze Co.
NEW CASTLE—Johnson Bronze Co.
JOHNSON BRONZE CO.
NORTH EAST—Electric Materials Co.
Eureka Co.
NORTH WALES—North Wales Machine Co.
PHILADELPHIA—Ajax Metal Co., 46 Richmond
AMERICAN MANGANESE BRONZE CO. ("Spare's" "Hy-Ten-Si"), 3501 Rhawn
Belfield H. Co., 435 N Broad
Biddle Gaumer Co., 3846 Lancaster av
Bridgman Bros. Co., 131 S. 31st
Bureau Bros., 23d & Westmoreland
Caskey Wm. & Son, York & Richmond
Cohocksink Brass Foundry, 5th & Berks
Cramp Wm. & Sons Ship & Engine Building Co., Beach c Ball
Devlin Thos. Mfg. Co., 3d & Lehigh av
Evans S. W. & Son, 4623 Paul
Eynon-Evans Corp. (Up to 10,000 Lbs.), N. 15th & Clearfield
Griffiths Jas. A., 1315 Buttonwood
Griscom-Russell Co.
See adv index at end of book
Halstead & Co. (Founders & Finishers), 1129 Cherry
Hartman Co., 1231 N Front
Homer Brass Works, 231 Race
Kirn M. L. & Bro., 2135 N Lawrence
Lonergan J. E. Co., 211 Race
McHatton Foundry Co., 1500 Washington av
Morris I. P. Co., Richmond & Norris
Mousley's Chas. Sons, 457 N 12th
Nelson Valve Co., Harrison bldg
North American Smelting Co., Thompson & 9th
Ott Geo. F. Co., 213 Buttonwood
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson
Phosphor-Bronze Smelting Co. (Bronze), 2200 Wash'n av
Reeves Paul S. & Co. (Red & Yellow Brass, etc), 1415 Catharine
Rosenthal's Jos. Sons, 190 W. Berks
Savill's Thos. & Sons, 1310 Wallace
Schoen-Jackson Co., Water & Muffin
Schoenewald Robt.
Sheeler-Hemsher Co., 811 Fairmount av
Wright Mfg. Co., 133 Master
PITTSBURGH—Bronzbraswyt Metals Co., 4901 Butler
Cadman A. W. Mfg. Co., 2816 Smallman
Chaplin-Fulton Mfg. Co., 34 Penn av
Damascus Bronze Co. ("Damascus" for Rolling Mills, Railroads & Electric Railway), N. S.
Griscom-Russell Co.
See adv index at end of book
Kelly & Jones Co., 135 Water
KEYSTONE BRONZE CO. (High Grade), 39th & A V RR.
See adv index at end of book
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
Mackintosh-Hemphill Co. (Rolling Mill, etc.), 12th & Etna
See adv index at end of book
Mesta Machine Co., Box 1124.
See adv index at end of book
New Process Copper Casting Co., 5223H Butler
Newlands Bros., 28th & A. V. Ry.
Pittsburgh Brass Mfg. Co., Penn & 32d
Pittsburg Lamp, Brass & Glass Co., 130 7th
Pittsburgh Valve, Foundry & Construction Co., 26th & A V RR
Ryder Brass Foundry Co., Ferguson bldg.
Vanadium Metals Co., Vanadium bldg
PITTSTON—Exeter Machine Wks. (Rough or Finished)
POTTSTOWN—Light Mfg. & Foundry Co. ("Automobile")
READING—Crescent Brass Mfg. Co.
Dick Bros.
Excelsior Brass Works (Dry & Green Sands)
Howard Metal Co.
Kline & Co.
Reading Brass Works (Chandelier)
SAYRE—Sayre Stamping Co. (High Grade)
SCRANTON—American Safety Lamp & Mine Supply Co.
Everhart Brass Works
Finch Mfg. Co.
Hughes Bros.
McClave-Brooks Co., Poplar
Scranton Pump Co.
SOUTH BETHLEHEM—Bethlehem Steel Co.
SWISSVALE—Union Switch & Signal Co.
TARENTUM—Shoop Bronze Co.
See adv index at end of book

INCORPORATED 1916
THE SHOOP BRONZE COMPANY
MANUFACTURERS OF
Bronze, Brass and Aluminum
CASTINGS
ALSO
Mill Bearings, Bushings, Anti-Acid Metal, Hydraulic Pump Work and Pickle Crates
Send us Your Inquiries
Tarentum, Pa. (Pittsburgh Dist.)

WAYNESBORO—Waynesboro Foundry & Machine Co.
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT—Darling Valve & Mfg. Co. (Ltd.)
United States Machine Co.
Valley Iron Works (Also Iron)
YORK—York Hardware & Brass Wks. (Up to 3 Tons)
YOUNGWOOD — Robertshaw Mfg. Co. (Brass)

RHODE ISLAND.

CENTRAL FALLS—Newell Fred. E.
PAWTUCKET—Jenkinson Brass Foundry Co.
PROVIDENCE—Allen Fire Dept. Supply Co., 159 Aborn
Feeley W. J. Co., 169 S Angell
Fuller Iron Works, 40 Tockwotten
Ideal-Die Casting Co., 756 Eddy
Lyon J. W., 46 Clifford
Providence Brass & Aluminum Foundry, 460 Eddy
White-Stillman Foundry Co., 1 Bark
WOONSOCKET—Woonsocket Machine & Press Co.

SOUTH CAROLINA.

CHARLESTON—Charleston Dry Deck & Machine Co.
Charleston Iron Works
GREENVILLE—Greenville Iron Works

TENNESSEE.

CHATTANOOGA—Acheson Foundry & Machine Works
Columbian Iron Works
Gustafson Mfg. Co.
Price-Evans Foundry Co.
Sharp J. C. Brass Works
CLARKSVILLE—Clarksville Foundry & Machine Works
KNOXVILLE—Fair Foundry Co.
Knoxville Foundry & Machine Co.
MEMPHIS—Chickasaw Machine & Foundry Co.

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
DALLAS—Mosher Mfg. Co.
Mosher Mfg. Co.
DENISON—Knaur & Howe (Also Iron)
Knaur W. E.
FORT WORTH—Midland Brass Works
HOUSTON—Dickson Car Wheel Co.
Southern Brass Mfg. & Plating Co.
MARSHALL—Marshall Car Wheel & Foundry Co.

UTAH.

SALT LAKE CITY—Capital Brass Fdry.
Salt Lake Engineering Works

VERMONT.

POULTNEY—Ruggles Machine Co.
SPRINGFIELD—Springfield Brass Co.

VIRGINIA.

COVINGTON—Covington Machine Co.
CHARLESTON — Kanawha Mfg. Co, (Brass).
LYNCHBURG—Hubard Fdry. & Machine Works
NORFOLK—Edmonds W. A. & Co.
RICHMOND—Carr Jas. W., 7 N. 25th
McGee O. G. & Son, 2312 E. Main
Richmond Fdry. & Mfg. Co. (Light) Hermitage rd
Strickland Machine Co., 2330 E Main
Tredegar Co. (Brass), ft. of 5th
ROANOKE—Roanoke Iron Works

WASHINGTON.

BELLEVUE—Sherman Eugene M. Everett.
Nordeen Foundry Co.
SEATTLE—Art Hardware & Mfg. Co.
Eagle Brass Foundry Co.
Enterprise Brass Foundry
Seattle Brass Co.
SPOKANE—Union Iron Works
TACOMA—Griffin Wheel Co. (Also Iron)
Puget Sound Iron & Steel Works

WEST VIRGINIA.

CHARLESTON — Kanawha Mfg. Co. (Brass).
South Side Foundry & Machine Wks. (Brass)
MORGANTOWN—Chrisman Foundry Co.
POINT PLEASANT—Heslop J. W. C.
WHEELING—Wheeling Bronze Casting Co.

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Valley Iron Works Co.
BELOIT—Lipman Refrigerator Car & Mfg. Co.
BURLINGTON—Burlington Brass Wks. (Brass Founders & Finishers)
CEDAR GROVE—Wisconsin Foundry & Steel Works
KENOSHA—Frost Mfg. Co.
LA CROSSE—Franklin Iron Works (Also Iron)
MERRILL—Merrill Iron Works
MILWAUKEE—American Brass Foundry Co.
Claus Automatic Gas Cock Co.
Fisher Specialty Co. (Special Brass Castings), 326 Ogden av.
Magnus Co., Inc. (Up to 2000 lbs.), Greenfield av.
Hoffman B. Mfg. Co., 257 6th
Kagel Bros. 1208 St. Paul av
Kruecke Bros. Mfg. Co., 515 Park

Lamp & Miller Mfg. Co., 382 4th
Loeffelholz Co., 170 Clinton
Milwaukee Aluminum & Brass Foundry Co, 295 Reed
Milwaukee Brass Mfg. Co., 251 Lapham
Milwaukee Bronze Casting Co., 119 Clinton
Milwaukee Valve Co., 139 Burrell
Rundle-Spence Mfg. Co., 63 2d
Standard Brass & Iron Works, 1830 St. Paul av
Wis. Iron Works, 1660 Booth
NEENAH—Neenah Brass Works
OAKFIELD—Romort Mfg. Co., Dept. H, Main & Hubbard
OSHKOSH—Wisconsin Iron & Metal Co.
RACINE—National Aluminum Co.
Racine Aluminum & Brass Foundry Co.
Racine Brass & Iron Co.
SHEBOYGAN—Jenkins Machine Co.
SOUTH MILWAUKEE—Stowell Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WATERTOWN—Brandt-Dent Co.

2152— Castings (Bridge)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bonney-Floyd Co. (Open-Hearth, Converter & Electric Steel), Columbus, O.
Builders' Iron Foundry (For Caissons etc), 9 Codding, Providence, R. I.
Chester Steel Castings Co., Chester, Pa.
Cureton Wm. & Sons (Grey Iron), Lexington, Richland Co., O.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Minneapolis Elec. Steel Castings Co., 38th av N E & 5th, Minneapolis, Minn.
Morgan Engineering Co., Alliance, O.
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Pettis W. W Co, 416-417 First Nat'l Bank bldg., Cincinnati, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith Geo. H. Steel Castings Co., 500 Clinton
Southern Wheel Co. (Grey Iron), Railway Exchange bldg, St. Louis, Mo.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Vulcan Mfg. Co., 1200 4th av. (So.), Seattle, Wash.
Warren Steel Casting Co. (Steel), 3400H Maury, St. Louis, Mo.
Western Steel Car & Foundry Co.., 122 S. Michigan, Chicago. Ill.
Withers Foundry & Machine Works, Atlanta, Ga.

Castings (Builders')

See firms marked with a Star (*) in Iron, Architectural & Ornamental; also Machinists & Founders

2152a— Castings (Car)

Anniston Electric Steel Co., Dept. H, Anniston, Ala.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Detroit Steel & Casting Co. (Industrial), 4069H Michigan, Detroit, Mich.
Janney & Co., Montgomery, Ala.
Penn Seaboard Steel Co., Franklin Bank bldg. Phila.. Pa.
Pettis, W. W. Co., 416-417 1st Natl Bank bldg., Cincinnati, O.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.
Union Steel Casting Co., Dept. H, 62d & Butler, Pittsburgh, Pa.
Vulcan Mfg. Co., 1200 4th av., Seattle, Wash.

2153—Castings (Carbon Steel)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Chain Belt Co., Milwaukee, Wis.
Jewell Steel & Malleable Co., Buffalo, N. Y.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Malleable Iron Fittings Co., Branford, Conn.
Parsons Co., Newton, Ia.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Pettis W. W. Co, 416-417 First Nat'l Bank bldg., Cincinnati, O.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
Smith Geo. H. Steel Castings Co., 500 Clinton
Strong Steel Foundry Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Union Spring & Mfg. Co., New Kensington, Pa.
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.
Warren Steel Casting Co. (Crucible), 3400H Maury, St. Louis, Mo.
WHARTON WM. JR. & CO., INC., Easton, Pa.

2153a— *Castings (Caustic)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

2153b—Castings (Cement Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Louisville Car Wheel & Ry Supply Co., Louisville, Ky.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Traylor Engineering Co., Allentown, Pa.
See adv index at end of book
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.

2154—Castings (Charcoal Iron)

Birdsboro Steel Foundry & Machine Co., Birdsboro. Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
FULLER-LEHIGH CO., Fullerton, Pa.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Foundry Co., Buffalo, N. Y.
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Youngstown Foundry & Machine Co., Youngstown. O.

2155—Castings (Chemical Works)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Brunner Mach'y Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., (Up to 200 Tons)
65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Camden Iron Works, Camden, N. J.
Capital Brass Fdry., Salt Lake City, Utah
Clark J. Alfred, 35th & Gray's Ferry rd, Phila., Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Duriron Castings Co. ("Duriron" acid), Dayton, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Glamorgan Pipe & Foundry Co., (Heavy), Lynchburg, Va.
Greenlee Foundry Co., 654H W Roosevelt rd, Chicago, Ill.
Hunsicker Engineering Co., Lebanon, Pa.
Marshall Foundry Co., 28th & RR, Pittsburgh, Pa.
Moore Bros. Co. (High Grade), Elizabeth, N. J.
Penn Seaboard Steel Corp, Franklin Bank bldg., Phila., Pa.
See adv index at end of book
Pettis, W. W. Co., 416-617 1st Natl Bank bldg, Cincinnati, O.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Stuart & Peterson Co., Burlington, N. J.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2156— Castings (Chilled)

Chain Belt Co., Milwaukee, Wis.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Farrel Foundry & Machine Co. (Iron), Ansonia, Conn.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Grote F. Mfg. Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Lobdell Car Wheel Co. (Iron, Any Weight), Wilmington, Del.
Louisville Car Wheel & Ry Supply Co., Louisville, Ky.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Morgan Engineering Co., Alliance, O.
New York Car Wheel Co., Buffalo, N. Y.
Pressed Steel Car Co. (Iron), 307 5th av, Pittsburgh, Pa.
Russell Wheel & Foundry Co. (Iron), Chene & Bl. RR, Detroit, Mich.
Standard Foundry Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Col.
United Iron Works Co., Kansas City, Mo.
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.
Western Steel Car & Foundry Co. (Iron), 122 S Michigan, Chicago, Ill.

2157—Castings (Chilled Iron)

Farrel Fdry. & Machine Co., Ansonia, Conn.
FULLER-LEHIGH CO., Fullerton, Pa.
See adv index at end of book
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2158—Castings (Chrome Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Chrome Steel Works (Crucible & Open Hearth), Chrome, N. J.
Crucible Steel Casting Co., Lansdowne, Pa.
Los Angeles Foundry Co., 2444H S. Alameda, Los Angeles, Cal.
Mackintosh-Hemphill Co. (& Nickel Steel), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book

LEDYARD COGSWELL, President B. JERMAIN SAVAGE, Vice-President FRANKLIN TOWNSEND, Sec'y & Treas.

Established 1807

The Townsend Foundry and Machine Shop Co.

BROADWAY AND RENSSELAER STREET

General Foundry, Pattern and Machine Shop

ALBANY, N. Y.

We specialize in Gearing, Mechanical and Chemical Machinery, Gray Iron Castings to Eight Tons, Quality Cast Iron Kettles, Mixing and Grinding Machinery for Chemical Purposes

CASTINGS (CHROME STEEL)—Continued
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Sivyer Steel Castings Co., Milwaukee, Wis.
Union Spring & Mfg. Co., New Kensington, Pa.
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.
Warren Steel Casting Co. (Crucible), 3400H Maury, St. Louis, Mo.

2159— *Castings (Compressor)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.

2159a— Castings (Condenser)

Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, O.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.

2160— Castings (Converter Steel)

See also Castings, Steel

Connellsville Foundry Machine & Steel Casting Co., Connellsville, Pa.
Lasker & Minck, 220 B'way, New York
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, O.
Smith Geo. H. Steel Castings Co., 500 Clinton, Milwaukee, Wis.
Union Spring & Mfg. Co., New Kensington, Pa.
Wharton Wm. Jr., & Co., Inc., Easton, Pa.

2161— Castings (Copper)

Advance Bronze & Aluminum Foundry Co., E 99th & Meech av, Cleveland, Ohio
Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Anderson Albert & J. M. Mfg. Co. (High Electric Conductivity), 289 A, Boston, Mass.
Atkinson Co., Rochester, N. Y.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Belfield H. Co., 435 N Broad, Phila., Pa.
Buckeye Brass & Mfg. Co., 6410 Hawthorne, Cleveland, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cooper C. & G. Co., Mt. Vernon, O.
Crown Smelting Co., Chester, Pa.
Dixie Brass & Foundry Co., Birmingham, Ala.
Eastwood Wire Mfg. Co., Belleville, N. J.
Edwardsville Brass Co., Edwardsville, Ill.
Electric Materials Co., North East, Pa.
Electric Power Equipment Corp. (Electrical), 13th & Wood, Phila., Pa.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Eureka Co., North East, Pa.
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
GERDES & CO., 42 Church, New York
See adv index at end of book
Gilb V. & Son, Birmingham, Ala.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Graham Jas. & Co., New Haven, Conn.
Great Lakes Brass Foundry (Solid), Bay City, Mich.
Hampden Brass Co., Springfield, Mass.
Harley Co., Springfield, Mass.
Henderson Shipbuilding Co., Mobile, Ala.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Jenkins Mfg. Co., Bloomfield, N. J.
Keystone Bronze Co. (High Grade), 39th & A. V. R. R., Pittsburgh, Pa.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Lawrenceville Bronze Co. (Railroad, Machinery, etc), Pittsburgh, Pa.
Liberty Brass Works, 303 W Lombard, Baltimore, Md.
Long Bros., Kokomo, Ind.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO. Executive offices and Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKim Foundry & Machine Co., Lockport, N. Y.
Magnis Co, Inc, 860 N. Main, Los Angeles, Cal.
Magnus Metal Co., 111 B'way, New York
Marion Machine, Foundry & Supply Co., Marion, Ind.
Midland Brass Works, Ft Worth, Tex.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Never Slip Safety Clamp Co., 51 E 42nd, New York
New Process Copper Casting Co., 5323H Butler, Pittsburgh, Pa.
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Pevey Foundry Co., Lowell, Mass.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Riley John F Foundry & Mach. Co., Charleston, S. C.
San Diego Machine Co., San Diego, Cal.
Sheeler-Hemsher Co., 811 Fairmount av, Phila., Pa.
Smeeth-Harwood Co. (For Blast Furnaces, etc), 2401 W 22d, Chicago, Ill.
Stanley Bronze Co., Bridgeport, Conn.
Toledo Brass & Novelty Works, Toledo, O.
Turner & Seymour Mfg. Co., Torrington, Conn.
Union Brass Foundry Co., Lowell, Mass.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Venango Bronze Metal Co., Franklin, Pa.
Ward & Williams, Hancock, Mich.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.
York Hardware & Brass Works, Inc., York, Pa.

Castings (Crucible Steel)

See firms in Castings, Steel, with the word Crucible following their names

2162— Castings (Die Cast)

Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.
Alemite Die-Casting & Mfg. Co., 341 W Chicago av, Chicago, Ill.
Aluminum Mfrs. Inc., 2210 Harvard av, Cleveland, Ohio
American Castings & Mfg. Corp. 30 Main, Brooklyn, N. Y.
American Bearing & Die-Casting Corp., 212 W McCarthy, Indianapolis, Ind.
American Die Casting Co. of N. Y., 381 Kent av, Brooklyn, N. Y.
Am Tool & Mfg Co., Urbana, O.
Barnhart Bros. & Spindler, 32 Throop, Chicago, Ill.
Berkeley Fourniss Co., Madison, Wis.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.

BURNS-CROFT CO.
2239 Herndon Street, Chicago, Ill.

See adv index at end of book
Chatham Die-Casting Co, 128 Mott, N. Y.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Die Casting Co. of Ohio, Toledo, O.
See adv index at end of book
Doehler Die Casting Co. (Die Casting & Die Cast Babbitt Bearings), Huntington, Brooklyn, N. Y.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
FRANKLIN DIE-CASTING CORP., Gifford & Magnolia, Syracuse, N. Y.
Great Lake Steel Products Co, Inc, 431 So. Dearborn, Chicago, Ill.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Ideal Die Casting Co., 756H Eddy, Providence, R. I.
Latrobe Die & Casting Co., Latrobe, Pa.
Legler-Eilerman Co., Dayton, O.
Light Mfg. & Foundry Co., Pottstown, Pa.
Lough Bros., 90 West, New York
Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
MacDonald Hay Co., Syracuse, N. Y.
Marf Machine & Die-Casting Co., Inc., 17 Vandewater, New York
Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
Moberg C. J., Mt. Vernon, N. Y.
Mogul Metal Co., 535 Larned W, Detroit, Mich.
Muetter Metals Co, Port Huron, Mich.
Muzzy-Lyon Co., Ltd., 535 Larned W, Detroit, Mich.
National Lead Co., 111 B'way, New York
Parker White Metal & Machine Co., Erie, Pa.
Phoenix Die Casting Co., 21 Illinois, Buffalo, N. Y.
PRECISION CASTINGS CO., INC. ("Precision Cast," White Metal Die Castings, Die Cast Babbitt Bearings, Aluminum Die Castings), Syracuse, N. Y.
Precision Castings Co., Inc. (White Metal Die Castings, Die Cast Babbitt Bearings, Brass, Bronze & Aluminum Sand Castings), Syracuse, N. Y.
Recording Devices Co., Dayton, O.
Saal H. G. Co. (Moulded), 1800 Montrose av, Chicago, Ill.
Spacke Machine & Tool Co., Indianapolis, Ind.
Stewart Mfg. Co. (Vacuum Process), 4035 Fullerton Av., Chicago, Ill.
Stroh Die Moulded Casting Co., 161 Michigan, Milwaukee, Wis.
Syracuse Die Moulded Casting Co., Syracuse, N. Y.
United Lead Co., 111 B'way, New York
Wing T. J. & Co. (Journal Bearing & Hard Metal), 19 Woodward av, Detroit, Mich.

2162a—*Castings (Digester, Dryer & Tank)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2163—Castings (Dredge, Steam Shovel, Etc.)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Atlas Steel Casting Co. (Steel), Buffalo, N. Y.

DIE CASTINGS
of Quality
The DIE CASTING COMPANY of OHIO
TOLEDO, OHIO, U. S. A.

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), **Columbus, O.**
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, **Buffalo, N. Y.**
See adv index at end of book
Cureton Wm. & Sons, Lexington, Richland Co., O.
Detroit Steel Casting Co., 4069 Michigan, Detroit, Mich.
ELLICOTT MACHINE CORP., 1111 Bush Baltimore, Md.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Philadelphia, Pa.
Morgan Engineering Co. (Steel), Alliance, Ohio
Parsons Co., Newton, Ia.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg, Cincinnati, Ohio
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Union Spring & Mfg. Co., New Kensington, Pa.
United Iron Works Co., Kansas City, Mo.
Union Steel Casting Co., Pittsburgh, Pa.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.

2163a—Castings (Electric Steel)

Acme Steel & Malleable Iron Works, 245 Military rd, Buffalo, N. Y.
Alloy Electric Steel Casting Co., Warren, Ohio.
American Steel Foundries, McCormick bldg., Chicago, Ill.
Anniston Electric Steel Corp., Anniston, Ala.
Bayonne Steel Castings Co., Bayonne, N. J.
Cincinnati Steel Castings Co., Queen City & Spring Grove avs., Cincinnati, Ohio.
Connecticut Electric Steel Co., Inc., Hartford, Conn.
Crucible Steel Casting Co., Cleveland, Ohio
Dayton Malleable Iron Co., Dayton, O.
Dayton Steel Foundry Co., Dayton, O.
Electric Steel Co. of Ind., Indianapolis, Ind.
Enterprise Fdy Co., 20 Stewart, San Francisco, Cal.
French Creek Fdry. Co., Franklin, Pa.
Latrobe Elec. Steel Co., Latrobe, Pa.
Los Angeles Foundry Co., 2444H S Alameda, Los Angeles, Cal.
Milton Mfg. Co., Dept. H, Milton, Pa.
Minneapolis Elec. Steel Castings Co., 38th av, N. E., & 5th, Minneapolis, Minn.
National Malleable Castings Co., 7706 Platt, S E Cleveland, O.
Pelton Steel Co., 672 Kinnickinnic, Milwaukee, Wis.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, Ohio.
Racine Steel Castings Co., Racine, Wis.
Spencer Heater Co., Scranton, Pa.
Stowell Co., South Milwaukee, Wis.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.
Vulcan Mfg. Co, 1200 4th av., Seattle, Wash.
Warman Steel Casting Co., Box 608, Los Angeles, Cal.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.
West Steel Castings Co., 805 E 70th, Cleveland, O.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

2164— Castings (Electrical)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, **Buffalo, N. Y.**
See adv index at end of book
Ohio Steel Foundry Co., Lima, O.
Premier Machinery Co., Oakland, Cal.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, O.

2165— Castings (Evaporator)

Cureton Wm. & Sons, Lexington, Richland Co., O.
Devine J. P. Co., Buffalo, N. Y.
Gowanda Agricultural Works ("Gowanda," for Maple Sugar, Complete Sets), **Go**wanda, N. Y.
Pettis W. W. Co., 416-417 First Natl. Bank **bldg, Cincinnati, O.**
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2165a— *Castings (Finished)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2166-7—Castings (Gas Engine)

Aluminum Castings Co., 2210 Harvard Av, Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Cureton Wm & Sons, Dayton, O.
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Enterprise Fdy. Co., 20 Stewart, San Francisco, Cal.
Hanson Clutch & Machy Co., Tiffin, O.
See adv index at end of book
Motor Castings Co., South Bend, Ind.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, O.
Venango Bronze Metal Co., Franklin, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Castings (Gas & Water)

See **Cast Iron Pipe Manufacturers, Gas & Water; also Gas Works Apparatus & Construction**

2168—Castings (Glass Furnace)

Dixon H. L. Co., Rosslyn rd, Pittsburgh, Pa.
Patch S. B. & Sons Co., Streator, Ill.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg., Cincinnati, O.
United Roll & Foundry Co., Ravenna, O.

2168a— Castings (Gold)

Ideal-Die Casting Co., 756 Eddy, Providence, R. I.

2169— Castings (Grey Iron)

This List is duplicated under **Machinists & Founders; see also Castings, Malleable Iron**

ALABAMA.

ANNISTON — Bosworth-Ard Machine & Foundry Co.
BIRMINGHAM—Birmingham Mach. & Fdry. Co. (Up to 90 Tons), 3700H 10th av
Hardie-Tynes Mfg. Co. (Heavy up to 40,000 lbs)
Joubert & Goslin Mach. & Fdry. Co.
Kilby Pipe & Foundry Co.
Montgomery Coal Washing & Mfg. Co. (Up to 2,500 lbs)
Wallwork H. Foundry Co. (Small)
HUNTSVILLE—Grace C. M. & Co. (Up to 3,000 lbs)
MOBILE—Alabama Dry Dock & Shipbuilding Co.
Henderson Shipbuilding Co.
Home Industry Iron Wks.
Mobile Stove & Pulley Mfg. Co.
MONTGOMERY—Hartley Boiler Works (Up to 10,000 lbs)
Janney & Co. (Up to 7,000 lbs)
NEW DECATUR—Decatur Cornice & Roofing Co.
TUSCALOOSA—Tuscaloosa Iron Works

ARKANSAS.

LITTLE ROCK—Arkansas Fdry. Co.

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept.)
COALINGA—Bunting Iron Works
LOS ANGELES—Baker Iron Works, 912 N Broadway
Eccleston Machy Co., 162 S. Anderson
Llewellyn Iron Works.
Washington Iron Works
OAKLAND—Empire Foundry Co.
RICHMOND—Santa Fe Fdry Co.
SAN FRANCISCO—Enterprise Fdy. Co., 20 Stewart
Graham Jas. Mfg. Co., 531 Mission (Light)
Hunting Iron Works, 1st National Bank bldg
STOCKTON—Stockton Iron Works
Samson Iron Works
TORRANCE—Union Tool Co.
UPLAND—Upland Foundry & Machinery Co.

COLORADO.

COLORADO SPRINGS—Hassel Iron Works Co. (Up to 5 Tons)
DENVER—Denver Iron Works & Foundry Co. (Up to 5 Tons)
Enz Iron Fdry. Co. (Up to 15 Tons)
Mountain Iron Works Co. (Up to 5 Tons)
Shave Furnace & Metal Appliance Co., (Light) W. Warren av & So Delanao
Stearns-Roger Mfg. Co.
Walker Mfg. Co. (Up to 5 Tons)
PUEBLO—Pueblo Brass & Iron Fdry
Pueblo Foundry & Machine Co. (Up to 25 Tons)

CONNECTICUT.

ANSONIA—Farrel Foundry & Machine Co.
BRIDGEPORT—Bilton Machine Tool Co., The (Machine)
Bridgeport Malleable Iron Works (Branch of Eastern Malleable Iron Co.)
Bullard Machine Tool Co., Bridgeport, Conn.
Pequonnock Foundry (Light & Medium)
BRISTOL—Sessions Foundry Co. (Small & Large to Order)
DANBURY—Turner Machine Co.
DERBY—Birmingham Iron Foundry (Heavy)
GUILFORD—Spencer's I. S. Sons (Inc.)
HARTFORD—Capitol Foundry Co.
Laragy P.
Taylor & Fenn Co.
MERIDEN—Parker Charles Co.
MIDDLETOWN—Wilcox, Crittenden & Co. Inc. *See adv index at end of book*
NEW BRITAIN—Malleable Iron Works
Union Mfg. Co. (Light), 300 Church
NEW HAVEN—Barnum S. H.
McLagon Foundry Co. (All Weights)
Warner G. F. Mfg. Co.
NEW LONDON—Hopson & Chapin Mfg. Co. (High Grade, up to 1,000 lbs)
NORWALK—Arnold & Co.
Meeker's Union Foundry Corp.
NORWICH—Vaughn Foundry Co.
ROCKY HILL—Champion Mfg. Co.
ROXBURY—Bronson Wm. & Hy
SHELTON—Meyer Fred'k C. (Small Castings a Specialty)
SOUTH NORWALK—Norwalk Iron Wks. Co.
Wheeler Bros.
TORRINGTON—Turner & Seymour Mfg. Co.
WATERBURY—Manufacturers' Foundry Co. (Cylinder)
Waterbury Castings Co.
Waterbury Foundry Co. (Low & Medium Grade Castings)

DELAWARE.

EAST WILMINGTON—**HILLES & JONES CO.** (Up to 75 Tons)
See adv index at end of book
WILMINGTON—Lobdell Car Wheel Co. (All Weights)
Poole J. Morton Co., ft. of Thorn

FLORIDA.

JACKSONVILLE—Florida Machine Works
Murphy Timothy Iron Works
Southern Iron & Metal Co.
MIAMI—Lyne C. H.
OCALO—Ocalo Iron Works
ORLANDO—South Florida Foundry & Machine Works
PALATKA—Stanton Foundry & Machinery Co.
TALLAHASSEE—Tallahassee Iron Works
TAMPA—Tampa Steam Ways Co.

GEORGIA.

ATHENS—Athens Foundry & Machine Works
ATLANTA—American Machine & Mfg. Co.
Atlanta Utility Wks.
Bailey-Burruss Mfg. Co. (Up to 2,000 lbs)
Georgia Car & Locomotive Co. (Up to 10,000 lbs)
SOUTHERN IRON & EQUIPMENT CO. (Up to 2,000 lbs.)
Spalding Foundry Co. (Up to 10,000 lbs)
Withers Foundry & Machine Works (Up to 10,000 lbs)
AUGUSTA—Georgia Iron Works
Lombard Iron Works & Supply Co.
BRUNSWICK — Brunswick Construction Corp.
COLUMBUS—Columbus Iron Works (Up to 10,000 lbs)
Dismuke Foundry Co.
Golden's Foundry & Machine Co.
CORDELE—Tomlin-Harris Machine Co.
MACON—Taylor Iron Works & Supply Co.
NEWNAN—Cole R. D. Mfg. Co. (Up to 2,000 lbs)
ROME—Davis Foundry & Machine Works
Rome Machine & Fdry Co. (Up to 8,000 lbs)
SAVANNAH—Kehoe Iron Works (Up to 4,000)
Rourke John & Sons (Up to 6,000 lbs)
WEST POINT—West Point Iron Works
WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

ALTON—Duncan Foundry & Machine Works (Up to 7,000 lbs)
AURORA—Aurora Foundry Co. (Machine Pulley Castings, etc)
Love Bros.
BELLEVILLE—Excelsior Foundry Co. (Up to 3,000 lbs)
Harrison Machine Works (Up to 300 lbs)
M. H. Foundry & Mfg. Co.
BELVIDERE—National Sewing Machine Co. (Up to 400 lbs)
BLOOMINGTON—American Fdry. & Furnace Co.
Ma Girl P. H. (Up to 8,000 lbs)
CAIRO—Reed Hardware & Mfg. Co.
CHAMPAIGN—Burr Co.
CHICAGO—American Building Foundry Co., 2300 S Springfield av
Amer. Tube Co. (light), 3703 S Rockwell
Bolter's A. Sons (Builders' Castings, etc), 2301 Ward
Brady Jas. A. Foundry Co. (High Grade Machinery Castings), 75th & Western blvd
Brady Jas. A. Fdry. Co., 45th and Western blvd.
Central Foundry Co., 338 N May
Cummings T. A. Foundry Co., 1838 Cortland
Dawson Brothers, 523 N Halsted
Dee Wm. E. Co., 30 N La Salle
Eddy R. M. Foundry Co. (Boiler & Machinery, Castings, Grate Bars, etc), 372 W Grand av

ILLINOIS—Chicago—continued
Ferguson & Lange Foundry Co. (1 lb to 50 tons), Clybourne av & Willow
Fort Dearborn Foundry Co., 23rd & Stewart av
Greenlee Foundry Co., 664 W 12th
Griscom-Russell Co.
See adv index at end of book
Illinois Malleable Iron Co., 1801 Diversey blvd
LINK-BELT COMPANY, 300 W 39th
See adv index at end of book
Mason Davis & Co., 7740 S Chicago av
Monighan Machine Co. (Light & Heavy), 2032 Carroll av, Chicago, Ill.
Randall Graphite Products Corp., 711 Fulton
Reder Foundry Co., 3536 S Oakley av.
Reedy Foundry Co., 4600 Iowa
Smith F. P. Wire & Iron Works (Specialty, Ornamental Building Castings), 2840-48 Clybourn av.
See adv index at end of book
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway
Tarrant Foundry Co. (Light & Heavy), 373 W Grand av
Vierling Steel Works, 23rd & Stewart av
Western Foundry Co. (Light Grey), 3634 S Kedzie av
Western Steel Car & Foundry Co. (Car, Locomotive & Machy.), 122 S Michigan
CHICAGO HEIGHTS—McDowell Fdry. Co. (Up to 10,000 lbs.)
DECATUR—Decatur Foundry Co. (Up to 3,000 lbs)
Stevens Mfg. & Foundry Co. (Up to 2,000 lbs)
Union Iron Works (Up to 10,000 lbs)
EAST ST. LOUIS—Excelsior Tool & Machine Co. (Up to 12,000 lbs), 32d & Ridge
FRANKLIN PARK—Franklin Park Fdry. Co.
FREEPORT—Arcade Mfg. Co. (Light)
Rawleigh, W. T. (Light and Heavy)
Stover Mfg. & Engine Co. (Light)
GALENA—Galena Iron Works Corp.
Westwick John & Son
GALESBURG—Galesburg Malleable Castings Co. (Light & Medium)
Shaw Welsh & Co.
HARVEY—Pettigrew Foundry Co. (1 oz. to 3½ tons)
JOLIET—Humphrey & Sons
Joliet Mfg. Co. (Small)
KANKAKEE—Beaumont Valve & Hydrant Works
Kankakee Foundry Co.
LITCHFIELD—Litchfield Fdry. & Machine Co.
MONMOUTH—Maple City Furnace Co.
MOUNT VERNON—Mount Vernon Car Mfg. Co.
MURPHYSBORO—Egyptian Iron Works
NORTH CHICAGO—Chicago Hardware Foundry Co. (Best Light Grey)
PEKIN—Duisdieker Foundry & Mfg. Co. (Up to 7,000 lbs)
PEORIA—Peoria Foundry Co. (Small)
PERU—Brunner Machy. Co. (Up to 4,000 lbs.)
PONTIAC—Spartan Mfg. Co.
QUINCY—Excelsior Stove & Mfg. Co.
Modern Iron Works
Quincy Casting Co.
ROCKFORD—Rockford Iron Works
Rockford Mfg. Co. (1 lb up to 1,500 lbs)
Ward Love Pump Co. ("Ward-Low")
ROCK ISLAND—Blake Specialty Co. (From ½ to 300 lbs)
Rock Island Mfg. Co. (Up to 2,000 lbs)
SPRINGFIELD—Fetzer & Co. (Up to 14,000 lbs)
Ide A. L. & Sons, 211H N 5th
STERLING—Novelty Iron Works (Small)
Sterling Foundry Co. (Up to 6,000 lbs)
STREATOR—Patch S. B. & Sons Co. (Up to 5,000 lbs)
URBANA—Leavitt Mfg. Co.

INDIANA.

ANDERSON—Anderson Foundry & Machine Wks.
AUBURN—Auburn Foundry
BRAZIL—Brazil Machine & Foundry Co. (Up to 3,000 lbs)
Shaw Wm. M. Co. (Small)
BEDFORD—Bedford Foundry & Machine Co.
CANNELTON—Lehman Mfg. Co.
COLUMBUS—Caldwell & Drake Iron Works (Machinery Casting a Specialty)
EAST CHICAGO—Green Engineering Co.
ELKHART—Elkhart Hardware Mfg. Co. (Small)
Elkhart Iron Works
ELWOOD—Elwood Foundry
EVANSVILLE—Grote F. Mfg. Co. (Up to 10,000 lbs)
Indiana Stove Works
FORT WAYNE—Bass Foundry & Machine Co. (Up to 60,000 lbs)
Central Foundry Co.
Menefee Foundry Co.
Wayne Foundry Co.
GOSHEN—Kelly Foundry & Machine Co. (Up to 5,000 lbs)
HAMMOND—United Boiler Heating & Foundry Co. (Up to 10,000 lbs.)
HUNTINGTON—Majestic Co.
INDIANAPOLIS—American Foundry Co
Byram Foundry Co.
Enterprise Iron Works
Indianapolis Foundry Co. (Light)
Inter-State Car Co.
McNamara-Koster Foundry Co.
National Malleable Castings Co.
Over Ewald
Peerless Foundry Co.
LAFAYETTE—Wallace Machine & Foundry Co. (For Buildings & Street Work)
MARION—Atlas Foundry Co.
Central Machine & Foundry Co.
Hulley Foundry & Machine Works (Small)
Marion Foundry Corp., Marion Nat'l Bank bldg
Marion Grey Iron Foundry Co. (Small)
Marion Machine, Foundry & Supply Co. (Up to 20,000 lbs.)
Rutenber Motor Co. (Light, Soft)
MICHIGAN CITY—Haskell & Barker Car Co.
MISHAWAKA—Perkins Wind Mill Co. (Small)
MUNCIE—Eagle Foundry Co. (Small)
Machsts. Foundry Co.
Muncie Foundry & Machine Co.
RICHMOND — Swayne-Robinson & Co. (Small)
Wayne Works
SOUTH BEND—Motor Castings Co.
SOUTH BEND FOUNDRY CO.
TERRE HAUTE—Gartland Foundry Co.
WABASH—Wabash Foundry Co. (Up to 10,000 lbs.)
WARSAW—Maish Mfg. Co.

IOWA.

BOONE—Quinn Wire & Iron Works
BURLINGTON—Murray Iron Works Co. (Heavy, 60,000 lbs.)
CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co. (Up to 6000 lbs.)
Iowa Steel & Iron Works
Stary Frank & Sons
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co.
DAVENPORT — Davenport Locomotive Works (Up to 10,000 lbs.)
Davenport Machine & Foundry Co.
Red Jacket Mfg. Co.
DES MOINES—Gibbons Mach. & Fdry. Co.
McDonnell Boiler & Iron Works (Up to 4,000 lbs.)
DUBUQUE—Loetscher-Ryan Mfg. Co. (Light)
MARSHALLTOWN—Central Foundry Co.
MUSCATINE — Niver Iron Works Co. (Light & Heavy, for All Purposes)
NEWTON—Parsons Co. (Up to 6,000 lbs.)
OTTUMWA—Ottumwa Iron Works
WATERLOO—Headfort Bros. & Hitchins Foundry Co.

KANSAS.

ATCHISON—Thayer Foundry Co.
KANSAS CITY—Kansas City Foundry Co. (Small)
Strait H. N. Mfg. Co.
West Side Foundry Co.
LEAVENWORTH—Great Western Mfg. Co. (Up to 3 tons)
TOPEKA—Topeka Foundry & Iron Works
Western Foundry & Machine Works
WICHITA—Western Iron & Foundry Co. (Up to 1 ton)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co.
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Avery B. F. & Sons (Plain or Machine)
Dow Wire & Iron Works
Drummond Mfg. Co.
Grainger & Co.
Vogt Brothers Mfg. Co.

LOUISIANA.

ALEXANDRIA—Ruston Foundry & Machine Shop (Ltd.)
CROWLEY—Acadia Iron Works (Ltd.)
JEANERETTE — Moresi Antoine Co. (Ltd.)
MANSFIELD—De Sota Foundry & Machine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av

MAINE.

AUBURN—Androscoggin Foundry Co.
BANGOR—Noyes & Nutter Mfg. Co.
Union Iron Works
BATH—Torrey Roller Bushing Works
Watson Frye Co., Ltd.
DEXTER—Fay & Scott
HALLOWELL—Fuller's Geo. Sons
PORTLAND—Babbitt Chas. E.
Portland Co. (Up to 20 tons)
RUMFORD—Clark Foundry Co.

MARYLAND.

BALTIMORE—Bartlett Hayward Co. (All Sizes), Scott & McHenry
Bates Elevator Co., 211 Preston
Carr Stuart R. & Co., Boston & Montford av
ELLICOTT MACHINE CORP., 1111 Bush
See adv index at end of book
Flynn & Emrich Co., 305 N Holliday
Greenmount Iron & Mfg. Co., 889 Greenmount av
Kennedy Foundry Co., S. Charles & Wells
Kugler & Shane, Woodall & Clement
Lacy Jas. J. Co., Block & Wills
Levering Mfg. Co., 210 Key Highway
Poole Engineering & Machine Co., Woodbury Sta.
Sexton S. B. Stove & Mfg. Co., 500 W Conway
Sheppard Isaac A. Co., Eastern av & Chester
Weiskittel A. & Son Co., 12th & E Lombard
CUMBERLAND—Maryland Mould & Foundry Co.
FREDERICK—Frederick Iron & Steel Co.
HAGERSTOWN—Hagerstown Foundry Co.
Hagerstown Foundry & Machine Co.
Hull's D. F. Sons
Moore Engineering Co.

MASSACHUSETTS.

ATHOL—Athol Machine Co.
Athol Mach. & Foundry Co.
BOSTON—American Tool & Machine Co., 10 High
Boston Stove Foundry Co., 210 Border
Dow L. B., 79 Milk
Gibby Foundry Co., 96 Condor
Laconia Car Co., 60 Congress
Livermore H. F. Inc., 85 Pearl
Smith & Lovett Co., 135 Tyler
CAMBRIDGE—Barbour Stockwell Co.
Cambridge Iron Works
CAMPELLO—N. E. Fdry. & Mach. Co.
CHICOPEE—Ames Sword Co.
Spalding A. G. & Bros. Mfg. Co.
EASTON—Belcher Malleable Iron Co.
FAIRHAVEN—Fairhaven Iron Foundry Co. (Light & Heavy)
FALL RIVER—Fall River Foundry & Machine Co.
Mechanics' Foundry & Machine Co.
FITCHBURG—Goodnow L. H. Foundry Co.
Perault Moses J.
GARDNER—Gardner General Foundry Co.
GLOUCESTER—Reed Geo. A. & Son
HOLYOKE—McHugh Fdry. Co., 90 Sargent
LAWRENCE—Emerson Mfg. Co.
Hamblet Geo. W.
Hart Foundry Co.
LOWELL—Doherty Bros.
SPRINGFIELD—Baush Machine Tool Co.
Davitt Iron Foundry
Metals Production Equipment Co. (Heavy)
Springfield Foundry Co.
Springfield Iron Works
Wason Mfg. Co.
WAKEFIELD—Gibby Foundry Co.
WALTHAM—Waltham Foundry Co.
WEBSTER—Prescott J. B. & Son
WOBURN—Woburn Iron Foundry, Inc.
WORCESTER—Arcade Malleable Iron Co.
Bradley Osgood Car Co.
New England Brass Foundry, 344H Park av
Pond L. W. Machine & Foundry Co.
Washburn Shops
Whitcomb Blaisdell Machine Tool Co., 677 Cambridge

MICHIGAN.

ADRIAN—Adrian Steel Casting Co.
DETROIT—Acme Fdry. Co. (½ to 8,000 lbs), Isabel & M. C. R. R.
Buhl Malleable Co., Wright & Adair
Central Specialty Co., 1653 St Aubin av
Detlaff A. J. Co., 121 E Lafayette
Detroit Brass & Malleable Wks., 1177H Holden
Detroit Shipbuilding Co., ft. Orleans
Detroit Stoker Co. (Light & Heavy), 2642 N Grand blvd
Enterprise Foundry Co. (Light & Bench legs), 6463 E Warren av
Kahl Fredk Iron Foundry (Machinery), 2111 E Atwater
Michigan Grey Iron Castings Co., Harbaugh & Co.
Monarch Foundry Co., Greenwood & G T
Peninsular Stove Co.
Russel Wheel & Foundry Co., Chene Bl RR
Stuart Foundry Co., 207 Junction
ECORSE—Ecorse Foundry & Machine Co.
FERRYSBURG—Johnston Bros.
GRAND HAVEN—Dake Engine Co. (Any Size up to 10 Tons)
GRAND RAPIDS—Hartman H. J. Fdry. Co.
Leitelt Adolph Iron Works
JACKSON—Lusk Bros. Foundry Co.
KALAMAZOO—Kalamazoo Fdry. & Machine Co., 586 E Main
Riverside Foundry & Galvanizing Co. (Galvanized)
LANSING—Bement Stove Repair Co.
Michigan Brass & Iron Works
Novo Engine Co.
MARQUETTE—Lake Shore Engine Works
MUSKEGON—Gray Iron Foundry Co.
Lakey Foundry & Machine Co.
PONTIAC—Wilson Fdry. & Machine Co.
PORT HURON—Moak Machine & Tool Co.
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.
ST. JOSEPH—St. Joseph Iron Works
TECUMSEH—Heesen Bros. Co.
YPSILANTI—Michigan Press Co.

MINNESOTA.

AUSTIN—Austin Foundry Co.
DULUTH—Clyde Iron Works
See adv index at end of book
Gogebic Steam Boiler Works
Imperial Iron Works (Up to 17 tons)
National Iron Co.
MINNEAPOLIS—Crown Iron Works Co., 1229 Tyler
Diamond Iron Works, 2d & 18th av N
Minneapolis Steel & Machinery Co. (Heavy), 2854 Minnehaha
Standard Foundry Co., 984 Central Av.
ST. CLOUD—St. Cloud Iron Works Co.
ST. PAUL—**ST. PAUL FOUNDRY CO.** Como av & Mackubin
See adv index at end of book
Valley Iron Works, 81 E Water
ST. PETER—Bornemann Adolph
STILLWATER—Jesse August
VIRGINIA—**Virginia Foundry & Machine Co.**

MISSISSIPPI.

HATTIESBURG—Enterprise Fdry. & Mach. Co.
LAUREL—Laurel Machine & Foundry Co.

MISSOURI.

CLINTON—Industrial Iron Works
JOPLIN—Central Fdry. Co.
KANSAS CITY—American Gas Engine Co. (Up to 5 Tons), 11th & Winchester av
American Scale Co. (Small)
Enterprise Foundry Co. (Up to 1 Ton)
Prest Heating & Foundry Co. (Soft, 5,000 lbs.)
Pugh Foundry Co. (Hard), 19 W Levee
Security Stove & Mfg. Co. (Small), 17th & Oakland av
United Iron Works Co., Inc., (¼ to 15,000 lbs.)
ST. JOSEPH—Berry Iron & Steel Co. (Railroad, etc)
ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg
American Fdry. & Mfg. Co. (Small), 11th & Hebert
Banner Iron Works (Up to 10,000 lbs), Shaw av & Oak Hill Ry
FULTON IRON WORKS CO.
See adv index at end of book
Green's Car Wheel Mfg. Co., 3000 N B'way
Kilpatrick A. & Sons Foundry Co. (Up to 3,000 lbs), Carrie & Bulwer av
Liberty Foundry Co. (Up to 1,000 lbs), 7600 Vulcan
St. Louis Axle Co. (Up to 3,000 lbs), La Salle W of Jefferson
St. Louis Car Co. (Railway, etc), 3000 N B'way
St. Louis Iron & Machine Works (Up to 20 Tons), 126 Chouteau av
St. Louis Malleable Casting Co., 7700 N Broadway
South St. Louis Foundry Co. (Up to 12,000 lbs), 7514 S B'way
Southern Wheel Co. (Up to 20,000 lbs), Railway Exch bldg
Spuck Iron & Fdry. Co. (Up to 39,780 lbs), 14th & Branch
United Iron Works Co. (From ¼ to 15,000 lbs), Kansas City, Mo.
SPRINGFIELD—New Phoenix Foundry & Machine Co. (Up to 1 Ton)
United Iron Works Co. (From ¼ to 15,000 lbs)
WEBB CITY—Central Foundry Co.
Webb City & Carterville Foundry & Machine Works

MONTANA.

BUTTE—Montana Iron Works
Western Iron Works

NEBRASKA.

BEATRICE—Beatrice Iron Works
OMAHA—Paxton & Vierling Iron Works
YORK—York Foundry & Engine Works

NEW HAMPSHIRE.

LACONIA—**Laconia Car Co. Works (of Boston, Mass.)**
LANCASTER—Thompson Mfg. Co.
NASHUA—Highton Wm. & Sons Co.
White Mountain Freezer Co. (Light & Heavy to Order)

NEW JERSEY.

BOUND BROOK—Standard Foundry Co., Inc.
BURLINGTON—**U. S. Cast Iron Pipe & Fdry. Co. (Heavy)**
CAMDEN—Camden Iron Works (up to 130,000 pounds)
DUNELLEN—Hall Printing Press Co.
EAST NEWARK—Hewitt Jno.
EAST ORANGE—Smith A. P. Mfg. Co.
ELIZABETH—Moore Bros. Co. (High Grade)
Moore, Sam'l L & Sons
ELIZABETHPORT—Brown A. & F. Co.
FLEMINGTON—Foran Foundry & Mfg. Co.
GRENLOCH—Bateman Mfg. Co. (Light, in Quantities)
HARRISON—Reuther Bros.
HOBOKEN—Elevator Supplies Co.
Focht Geo. Sons, 117-119 Adams
IRVINGTON—Atlas Foundry Co., Lyons Av. & Cort
Barnett Foundry & Machine Co.
Bierman-Everett Foundry Co.
JERSEY CITY—Fagan Iron Works, 14th
Snead & Co.
LAMBERTVILLE — Lambertville Iron & Steel Co.
MAHWAH—American Brake Shoe & Fdry. Co. (For Railroad Use)
NEWARK—Hay Foundry & Iron Works, Plum Point la
Hewes & Phillips Iron Works (Heavy), 8 Orange
Maher & Flockhart, Polk
Pfaff & Kendall, 655 Ferry
Sacks Louis (Star Heel Plate Only), Wilson Av
Traud Alexander Co., 5 Main
Universal Caster & Foundry, Bridgeport, Conn.
NEW BRUNSWICK—New Brunswick Iron Works
PATERSON — Eastwood Benj. Co. (All Sizes, ¼ lb to 30,000 lbs)
Paterson Foundry Co.
PHILLIPSBURG—Standard Process Steel Corp., Dept. H
POTTERSVILLE—Excel. Mfg. Co.
ROCKAWAY—Hoagland's M. Sons Co.
TRENTON—McFarland Foundry & Machine Co.
Thropp's John E. Sons Co. (all Sizes), Ft. of Lewis
Trenton Malleable Iron Co.

NEW YORK.

ALBANY—Albany Foundry Co.
Federal Signal Co.
Gold Coin Stove & Foundry Co.
McKinney Jas & Son
Thacher Propeller & Foundry Corp.
TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rensselaer
See adv index at end of book
AUBURN—McIntosh & Seymour Corp. (Heavy)
BALLSTON SPA—Davidson Namack Fdry Co.
BUFFALO—American Brake Shoe & Fdry Co.
Buffalo Co-operative Stove Co.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons, Semi Steel & Air Furnace), 65 Winchester av
See adv index at end of book
Ernest's Chas. F. Sons
FARRAR & TREFTS, INC. (Up to 100,000 lbs)
See adv index at end of book
Frontier Church & Tool Co., 30 Letchworth
Frontier Iron Works (Light & Heavy Machinery Castings, etc), 36 Letchworth
Ginther's J. Sons Co.
Howard Iron Works
Jewett & Co. (Up to 2000 lbs)
Lawler Iron Works, 44 Gull
North Buffalo Hardware Foundry Co. (Small), 743 Hertel av
Pohlmann John W. Foundry Co., 205 Baltz av
Standard Foundry Co.
Taylor W. P. Co., Ellicott sq (Car & Locomotive Journal Boxes a Specialty)
Trout H. G. Co.
COHOES—Cohoes Iron Foundry & Machine Co. *See adv index at end of book*
CORNING—Corning Foundry, Inc. (Up to 4 tons)
COXSACKIE—Newbury J. G. Iron Works
ELMIRA—Elmira Foundry Co. (Light & Heavy)
GLENS FALLS—Hopes Combustion Engng. Co. (From 50 lbs up to 1½ tons)
GOSHEN—Newbury Jay H.
GOWANDA—Gowanda Agricultural Works
GREEN ISLAND—Sweet & Doyle Foundry & Machine Co. (Up to 30,000 lbs)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co.
HORSEHEADS—Weller Hardware & Fdry Co.
HUDSON FALLS — Sandy Hill Iron & Brass Works
KINGSTON—Millard Jas. & Son
LE ROY— Le Roy Plow Co.
LOCKPORT—McKim Foundry & Machine Co.
MALONE—Hinds Thomas Co.
MANLIUS—Cheney S. & Son (Small)
MECHANICSVILLE—Lynd L. E. Mfg. Co.
MEDINA—Swett A L Iron Works, 145 Glenwood av
MIDDLETOWN—Coleman Galen
MONROE—Newbury Mfg. Co. (For Steam Fittings, etc)
MUNNSVILLE—Munnsville Plow Co.
NEWBURGH—Abendroth & Root Mfg. Co.
See adv index at end of book
Caldwell-Wilcox Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Arwe Carl H. Mfg. Co. (Machinist) 1348-52 De Kalb av
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
Craig Foundry Co. (Specialty Cylinder Castings), 42 Sanford
Hecla Iron Works, 118 N 11th, New York
Meyer Otto C. & Co., 30 Franklin av
Taylor & Co., 680 Morgan av & Norman av

Boroughs of Manhattan and Bronx.

NEW YORK—American Brake Shoe & Foundry Co. (Up to Any Weight), 30 Church
American Bridge Co., 30 Church
AMERICAN CAR & FOUNDRY CO., 165 Broadway
See adv index at end of book
Brown A. & F. Co., 79 Barclay
Brunswick Marine Construction Corp., 63 Wall
Buckeye Engine Co. (of Salem, O.), 39 Cortlandt
Central Foundry Co., 90 West
Crane Wm M. Co., 16 W 32d
Davies & Thomas Co., 120 B'way
Easton Car & Construction Co. (Rough or Machined), 198 Fulton, New York *See adv index at end of book*
Foran Foundry & Mfg. Co., 122 Liberty, New York
GERDES & CO., 42 Church
See adv index at end of book
Griscom-Russell Co., 92 West
See adv index at end of book
Lasker & Minck, 220 B'way
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book

HEAVY IRON CASTINGS
OUR 57 YEARS EXPERIENCE COUPLED WITH MODERN EQUIPMENT ASSURE YOU PROMPT DELIVERY OF GREY IRON CASTINGS. SEMI-STEEL CASTINGS. SINGLE CASTINGS TO 50 TONS.
FARRAR & TREFTS INC.
ENGINEERS, FOUNDERS, MACHINISTS, BOILER MAKERS, TANK BUILDERS, PATTERN MAKERS
BUFFALO, N.Y.

NEW YORK—New York—continued
Lough Bros., 90 West
Mietz August Corp., 430 E 19th
Morris Elmer P. Iron Works, 136 Liberty
Nazareth Foundry & Machine Co.
Pennell J. F. Inc., 206 B'way
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Robins Conveying Belt Co., 13 Ann
Salance & Grosjean Mfg. Co., 299 B'way
S. E. T. Valve & Hydrant Co., 56 Church *See adv index at end of book*

Borough of Queens.

LONG ISLAND CITY—McGee Jos. Iron & Brass Foundry Co., 51 6th
Long Island Fdy. Co., Inc., 11th & 12th
Russell Foundry & Machine Works, 51 6th
RICHMOND HILL—Richmond Hill Foundry Co. *See adv index at end of book*

Richmond Hill Foundry Co.
Small gray iron castings made in quantities on production type of Molding Machine
Uniformity and Quality Guaranteed
Richmond Hill, New York

(End of New York City)
NIAGARA FALLS—Dobbie Foundry & Machine Co.
See adv index at end of book
NORTH TONAWANDA — Pierce-Brown Inc. (small castings)
NORWICH—Ireland Machine & Foundry Co.
OLEAN—Clark Bros. Co.
OSWEGO—Hessler Foundry & Mfg. Co.
PEEKSKILL—Southard-Robertson Co.
POUGHKEEPSIE—Poughkeepsie Foundry & Machine Co.
ROCHESTER—Enterprise Foundry Co.
General Railway Signal Co. (Light, High Grade)
Heughes F. L. & Co.
North West Foundries, Inc.
SALAMANCA—Salamanca Engine-Iron Co.
SARATOGA SPRINGS—Baker Mfg. Corp. (Up to 20 tons)
SYRACUSE—Dunning W. D.
Dunning & Baschert Press Co., Inc., 379 W Water
See adv index at end of book
Empire Foundry Co.
Engelberg Huller Co.
Globe Malleable Iron & Steel Co., 101 Greenway av
Smith & Caffrey Co.
Stearns E. C. & Co., 450 Oneida
Straight Line Engine Co. (Loam or Green Sand to 20,000 lbs)
Syracuse Chilled Die & Casting Co.
TONAWANDA—Gillie Machine Co.
TROY—Geier & Bluhm
Hislop James W. (Machinery)
Neemes Bros. (Heavy)
Reynolds Chalou Foundry Co.
Reynolds G. W. H. Foundry Co.
West Side Foundry Co. (Light & Heavy)
UTICA—Munson E. G.
Utica Steam Engine & Boiler Works (Semi-Steel)
WARSAW—Warsaw-Wilkinson Co.
WATERTOWN—Bagley & Sewell Co.
Harmon C. A. & Son
Massey Machine Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Supply & Fdry. Co. (Up to 5 ton)
DURHAM—Durham Foundry & Machine Works.
GREENSBORO—Glascock Stove & Mfg. Co.
RALEIGH—RALEIGH IRON WORKS CO.
SANFORD—Moffitt Iron Works Co.
WAKE FOREST—Wake Forest Foundry Co.
WINSTON-SALEM—Salem Iron Works

NORTH DAKOTA.

FARGO—Fargo Foundry Co.

OHIO.

AKRON—ADAMSON MACHINE CO.
See adv index at end of book
Atlantic Foundry Co.
ALLIANCE—Morgan Engineering Co.
ASHTABULA—Barber Mfg. Co.
BEREA—Dunham Co. (Up to 2,000 lbs),
BOWLING GREEN—Thornburgh Mfg. Co. (Light & Heavy)
Universal Machine Co. (Up to 6,000 lbs)
BUCYRUS—Carroll Foundry & Machine Co.
CANTON—Alliance Foundry Co. (Light & Heavy, up to 15 Tons)
American Sheet & Tin Plate Co. (Up to 20 tons)
Canton Foundry & Machine Co. (Light & Heavy)
Dick Jos. Mfg. Co.
Gilliam Co.
Kelly-Cohen Foundry Co.
UNITED MACHINE & MFG. CO.
Widder J. C. Co.
CINCINNATI—Bardes E. H. Range & Foundry Co.
Bollmann-Wilson Foundry Co., 506 E Front
Bruce John J. Foundry Co., 2421 Colerain av
Buckeye Foundry Co., Queen City av & Buck
Elmwood Castings Co., Murray rd
Erhart Chris., 1237 W 6th
Lane & Bodley Co., Tennessee av & Paddock rd
LUNKENHEIMER CO., Executive Offices & Factories: **Beekman & Waverly**
See adv index at end of book
Morris John B. Foundry Co., Court & Harriet
Mowry Car Wheel Works Co. (For Machinery, etc)
Oberhelman J. A. Foundry Co.
Peerless Foundry Co. (Light), Carthge
Pettis W. W. Co., 416-417 First Nat'l Bank bldg.
Queen City Foundry Co. (All Kinds of Castings), Spring Grove av & Alabama
Schreiber L. & Sons Co., 3869 Ivanhoe
CLEVELAND—Acme Palmer & De Mooy Foundry Co. (Fine, Light & Medium), 5217 Sweeney av S E
Allyne-Ryan Foundry Co., Aetna rd & E 91st
Bowler Foundry Co., 1688 Columbus
Buckeye Engine Co. (of Salem, O.), New England bldg
Chain Products Co., 3924 Copper av
City Foundry Co. (Light & Heavy Up to 50 Tons), 45th & Hamilton av
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E
Fanner Mfg. Co. (Small)
Ferro Machine & Foundry Co. (For Automobiles, Trucks & Tractors), E 66th & Hubbard av
Forest City Foundry & Mfg. Co. (Small), 2202 Elm av
Fulton Foundry Co. (All Kinds), 1209 Marquette av
Grabler Mfg. Co. (1 ounce to 100 lbs)
Hill Clutch Co., W 65th
Interstate Foundry Co., E 61st & Erie R R
Johnston & Jennings Co., Addison rd & N. Y. C. R. R.
See adv index at end of book
Kilby Mfg. Co., 4623 Lakeside av
Madison Foundry Co. (Light & Heavy)
Ohio Foundry Co. (Light & Heavy), E 71st & Stanton
Palmer & De Mooy Foundry Co. (Light Soft Grey Iron a Specialty), 1658 Leonard N W
Standard Foundry & Mfg. Co. (Light Castings & Hardware Specialties), 2717 E 75th
Superior Foundry Co., 71st & W & L E Ry
Taylor & Boggis Foundry Co. (Light)
TYLER W. S. & CO. (Light)
See adv index at end of book
Variety Iron & Steel Works Co. (Heavy), Hamilton av & E 40th
Walworth Run Foundry Co. (High Grade), 2488 W 27th
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av
COLUMBUS—McDonald Foundry
COSHOCTON—Keagy & Lear Machine Co.
CRESTLINE—Schill Bros. Co.
CUYHAGO FALLS—Atlantic Foundry Co.
DAYTON—Buckeye Iron & Brass Works
Current Wm. & Sons
Davis Sewing Machine Co.
Dayton Malleable Iron Co.
Gem City Store Co., (Light & Medium)
Seybold Machine Co.
Standard Foundry Co.
ELMORE—Multiplex Concrete Machinery Co. (Light & Medium)
ELYRIA—Duplex Mfg. & Fdry. Co.
Elyria Foundry Co. (Up to 40,000 lbs)
Garford Co.
GENEVA—Champion Hardware Co. (Small Light)
HAMILTON—Central Foundry Co. (Machine Molded Pulley Castings, etc)
Deuscher H. P. Co.
Hamilton Foundry & Machine Co.
HOOVEN, OWENS, RENTCHLER CO. (Heavy & Machinery)
See adv index at end of book
IRONTON—Ironton Punch & Shear Co. (Up to 40,000 lbs, Pneumatic Process)
LEXINGTON—Cureton Wm. & Sons (Up to 15,000 lbs), Richland Co.
LIMA—Chalmers Mfg. Co.
East Iron & Machine Co. (Up to 10,000 lbs), 351 E Market
Lima Brass Foundry
LORAIN—Lorain Casting Co. (Up to 40,000 lbs.)
MARIETTA—Pattin Bros. Co.
MARTINS FERRY—Beam Jas. H.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
Hess-Snyder Co.
MEDINA—Medina Foundry Co.
MIAMISBURG — Miami Foundry Co. (Light & Medium)
MINERVA—Minerva Hardware Mfg. Co. (Light)
MOUNT VERNON—Cooper, C. & G. Co. (Heavy) (Up to 100,000 lbs.)
Mount Vernon Foundry & Engineering Co.
NEWARK—Wehrle Co.
NEW LEXINGTON—Star Mfg. Co.
NEW PHILADELPHIA—Ladel Mfg. Co.
NORWALK—Norwalk Foundry Co.
PIQUA—French Oil Mill Machinery Co. (Up to 20,000 lbs.)
RAVENNA—Williams A. C. Co.
Williams A. C. Co.
RIPLEY—Ripley Foundry & Machine Co.
SANDUSKY—Brown Clutch Co.
G. & C. Foundry Co.
SEVILLE—Overholt Machine Co.
SPRINGFIELD—Fairbanks Co.
Gray Iron Casting Co.
Hennessey Foundry Co.
TIFFIN—Hanson Clutch & Machy Co.
See adv index at end of book
Sterling Grinding Wheel Co.
TOLEDO—Donovan Wire & Iron Co., Chicago & W. & L. E. Ry
Duncan The Co., 508 Water
Ensign Foundry Co.
Etna Machine Co.
Milmine H. B. & Co.
Toledo Foundry & Machine Co.
Toledo Shipbuilding Co.
Toledo Steel Products Co., Summit
WARREN—Trumbull Mfg. Co. (Up to 1,500 lbs.)
WAUSEON—Superior Iron & Mfg. Co. (See Toledo)
WELLSVILLE—Menough Foundry Co. (Light & Heavy)
WESTERVILLE—Hance J. W. Foundry Co.
WILLOUGHBY—American Clay Machinery Co. (Medium & Heavy)
YOUNGSTOWN—Mahoning Foundry Co. (Small)
Youngstown Foundry & Machine Co. (Rolling Mill & Blast Furnace, etc)
ZANESVILLE—Dockray H. V. Brass & Iron Co.
Griffith & Wedge Co.

OREGON.

PORTLAND—Hesse-Martin Iron Works
Independent Foundry Co.

PENNSYLVANIA.

ALLENTOWN—Daugherty Foundry Co. (Light)
Kline Hardware Co.
Mosser W. F. & Son
TRAYLOR ENGINEERING & MFG. CO.. *See adv index at end of book*
AVONMORE—National Roll & Foundry Co. (Heavy)
BEAVER FALLS—Murphy Foundry Co. (Up to 2 Tons)
BELLEFONTE — Bellefonte Engineering Co.
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Grey, Sand & Loam)
BLOOMSBURG—Richard Mfg. Co.
BOYERTOWN—Union Mfg. Co.
BRADFORD—Blaisdell Machinery Co. (1 lb. to 3,000 lbs.)
Caldwell E. R. & Co.
BRISTOL—Harkins T. B. Foundry Co.
Standard Cast Iron Pipe & Foundry Co. (Up to 25 Tons)
BURNHAM—Standard Steel Works Co. (See Phila.)
BUTLER—Butler Engine & Foundry Co.
CATASAGUA—DAVIS & THOMAS CO. (1 lb. to 5 tons, Rough & Machined)
CHAMBERSBURG—Chambersburg Engineering Co. (Up to 100 Tons)
COATESVILLE—Coatesville Foundry & Machine Co. (Light & Heavy)
COLUMBIA—U. S. Lock & Hdwe Co.
CONNELLSVILLE—Connellsville Foundry Machine & Steel Casting Co., Dept. H
Connellsville Machine & Car Supply Co.
CORRY—Love Mfg. Co.
DANVILLE—Danville Iron & Steel Co. (Up to 40,000 lbs.)
DUBOIS—Dubois Iron Works
Osborn Machine Co.
EAST BANGOR—East Bangor Mfg. Co.
EASTON—Kuebler Foundries, Inc.
Treadwell Eng. Co.
ELIZABETHTOWN—Buch's A. Sons Co.
ELWOOD CITY—Standard Engineering Co. (Up to 25 Tons)
EPHRATA—Ephrata Fdry & Machine Works (Up to 1,000 lbs.)
ERIE—Ball Engine Co. (Up to 20 Tons)
Cascade Foundry Co.
Erie Foundry Co.
Odin Stove Mfg. Co.
Urick Foundry Co.
Walker Foundry Co.
FRANKLIN—Venango Bronze Metal Co.
FULLERTON—Fuller-Lehigh Co.
See adv index at end of book
GIRARD—Lake Erie Foundry Co.
GREENSBURG—Hempfield Foundry
GROVE CITY—Bessemer Foundry Co.
HARRISBURG—Harrisburg Foundry & Machine Works
Hickok W. O. Mfg. Co.
HOLLIDAYSBURG — McLanahan - Stone Machine Co.
HYDE PARK—Hyde Park Foundry & Machine Co.

IRWIN—Irwin Foundry & Mine Car Co.
JOHNSTOWN—Globe Iron Foundry Co.
Suppes Forge & Foundry Co.
LANCASTER—Hubley Mfg. Co. (Light Finished in Any Manner)
Lancaster Structural & Foundry Wks.
LANSDALE—Central Radiator Co.
Heebner & Sons
Krupp Fdry. Co.
LEBANON—Buchanan Foundry Co.
Hunsicker Engineering Co.
Iron City Foundry Co.
Lebanon Gear & Machine Works, 17th & Forge
Leetsdale Foundry & Mfg. Co.
North Lebanon Foundry Co. (Up to 5 Tons)
LYKENS—Eagle Iron Works
McKEES ROCKS—Taylor-Wilson Mfg. Co.
MARIETTA—National Castings Co.
MARS—Velte Foundry & Machine Co. (For Machinery, Gas Engine, etc)
MEADVILLE—Phoenix Iron Works Co. (Up to 10,000 lbs.)
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Small Machine Moulded)
MONONGAHELA—Coshocton Iron Co.
MOUNT CARMEL—Mount Carmel Iron Works
MOUNT JOY—Grey Iron Casting Co. (Light & Heavy)
NAZARETH — NAZARETH FOUNDRY & MACHINE CO. (1 to 3 tons, Rough & Machined)
NORTH WALES—North Wales Fdry. Co.
North Wales Machine Co.
OIL CITY—Oil City Boiler Wks.
OLYPHANT—Olyphant Foundry Co.
PHILADELPHIA—Adams Wm. Fdry. Co., 960 N 9th
Aetna Foundry Co., 22d & Allegheny av
American Engineering Co., Aramingo av & Cumberland
Barker Jas., 6th & Cayuga
Bernstein Mfg. Co., 3d & Allegheny
Caskey & Keen (Harmony Stove Wks.), 6th & Berks
Clark J. Alfred, 35th & Gray's Ferry rd
Cox & Sons Co., 5th & Chestnut
Creswell Samuel J. Iron Works, 23d, cor Cherry
Fairmount Foundry Co., Duncannon & Clinton
Flagg Stanley G. & Co., Morris bldg.
Girard Iron Works, 22d & Master
Griscom-Russell Co.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO. (5 to 20,000 lbs.), 1421 Chestnut
See adv index at end of book
Link-Belt Co., Hunting Park av & P. & R. Ry.
See adv index at end of book
Morris I. P. Co. (Up to 50 Tons), Richmond & Norris
MULHOLLAND W. J., Commercial Trust bldg
North Bros. Mfg. Co., Lehigh av & American
Philadelphia Hardware & Malleable Iron Works (Soft), 9th & Jefferson
Philadelphia Roll & Machine Co., 25th & Wash'n av
Philadelphia Stove & Iron Foundry Co., 1631 N 5th
Schaum & Uhlinger, 2d & Glenwood av
Schneider Bowman Co., Vandike & Frankford
Sheppard Isaac A. & Co., Harrison bldg
Southwark Foundry & Machine Co. (100 lbs. to 100,000 lbs.), 1128 S 4th
Standard Cast Iron Pipe & Foundry Co.
Wood R. D. & Co., 400 Chestnut
PHOENIXVILLE—Madco Foundry & Machine Co.
PITTSBURGH — American Bridge Co., Frick bldg.
Baltimore Car & Foundry Co.
Cyclops Foundry Co. (Up to 15 Tons), Union Bk bldg
Garrison A. Foundry Co., 901 Bingham
Griscom-Russell Co.
See adv index at end of book
Mackintosh-Hemphill Co. (Heavy Rolling Mill, etc. Up to 240,000 lbs.), 12th & Etna
See adv index at end of book
Mesta Machine Co. (Heavy Rolling Mill, etc) Box 1124
See adv index at end of book
Penna. Casting & Mach. Wks., 501H Preble av
Penna Casting & Machine Co., 501 Preble
Pittsburgh Lamp, Brass & Glass Co. (1 oz to 50 lbs.), 130 7th
Pittsburgh Piping & Equipment Co., 35th & Charlotte
Pittsburgh Valve, Foundry & Construction Co., 26th & A V RR
Pressed Steel Car Co. (Car, Locomotive & Machinery), 307 5th av, Pittsburgh, Pa.
Reliance Steel Casting Co., 28th & Smallman
Rosedale Foundry & Machine Co., Columbus & Preble
Sterritt-Thomas Foundry Co., 32d & Smallman
United Engineering & Foundry Co., Farmers Bk. bldg
PITTSTON — Exeter Machine Works (Heavy)
POTTSTOWN—Colebrookdale Iron Co. (Japanned & Tinned)
Keystone Foundry Co.
POTTSVILLE—Pottsville Foundry & Stove Co.
PUNXSUTAWNEY—Punxsutawney Foundry & Machine Co.
READING—Dick Bros.
Gray Iron Foundry Co. (Small & Medium Soft)
Penn Foundry & Mfg. Co.
Speidel J. H. *See adv index at end of book*
Textile Machine Works (High Grade)
ROCHESTER—Olive Stove Works
SCRANTON—American Safety Lamp & Mine Supply Co. (Small)
Barker S. G. & Son
Finch Mfg. Co.
McClave-Brooks Co., Poplar
National Marine Works, Inc.
Scranton Pump Co.
SHARPSVILLE—Valley Mould & Iron Corp., Dept. H
SLATINGTON—Slatington Foundry, Machine & Boiler Works (Ltd.)
SOUTH BETHLEHEM—Bethlehem Foundry & Machine Co. (One lb to 10 Tons)
Bethlehem Steel Co.
STROUDSBURG—Marsh E. B. Bro. & Co.
SWISSVALE—Union Switch & Signal Co.
TATAMY—Messinger Mfg. Co.
TYRONE—Burley Heater Co.
WARREN—Barnhart-Davis Co.
WEATHERLY—Weatherly Foundry & Machine Co. (Railroad, etc)
WILKES-BARRE—Vulcan Iron Works
Wilkes-Barre Iron Mfg. Co.
WILLIAMSPORT—Lycoming Motor Corp., Dept. H
National Foundry Mfg. & Supply Co.
Rundio Nelson L.
Valley Iron Works (Loom, Dry & Green Sand & Machine Molded)
WRIGHTSVILLE—Susquehanna Casting Co. (Light)
Wrightsville Hardware Co. (Small)
YORK—Eyster, Weiser Co.
Workman & Trattner

RHODE ISLAND.

HILLS GROVE—Rhode Island Malleable Iron Works
PAWTUCKET—White J. S. Co. (Machinery)
PROVIDENCE—Brown & Sharpe Mfg. Co.
Builders' Iron Foundry ("Globe Specials," Heavy, for Water Works, Pipe Fittings, etc), 9 Codding
Colvin Foundry Co. (All Kinds), 185 Globe
Franklin Machine Co. (1 oz to 5 ton), 1 Park *See adv index at end of book*
Fuller Iron Works (Machinery, etc), 40 Tockwotton
RIVER POINT—Brayton L. Foundry Co.

SOUTH CAROLINA.

CHARLESTON—Charleston Dry Dock & Machine Co.
Riley John F.
GREENVILLE—Greenville Iron Works

TENNESSEE.

CHATTANOOGA — Acheson Foundry & Machine Wks.
American Brake Shoe & Fdry Co.
Columbian Iron Works (Municipal)
Eureka Foundry Co. (Up to 15,000 lbs)
Gustafson Mfg. Co. (Up to 10,000 lbs)
Jones Machine & Foundry Co.
Lookout Boiler Mfg. Co. (Up to 4,000 lbs)
Price-Evans Foundry Co.
Ross-Meehan Foundries Co. (Up to 50,000 lbs Railroad)
Southern Skein & Foundry Co.
CLARKSVILLE—Clarksville Foundry & Machine Works
JACKSON—Southern Engine & Boiler Mfg. Co. (Up to 20,000 lbs)
KNOXVILLE—Fair Foundry Co. (Up to 4,000 lbs)
Knoxville Foundry & Machine Co.
Southern Pipe & Foundry Co. (Small)
LEWISBURG—Lewisburg Stove Co.
MEMPHIS—Chickasaw Machine & Foundry Co.
NASHVILLE—Cumberland Foundry & Mfg. Co. (Up to 10,000 lbs)
Southern Foundry Co. (Small)

TEXAS.

AMARILLO—Hume Mfg. Co.
DALLAS—Mosher Mfg. Co.
EL PASO—El Paso Foundry & Machine Co.
HOUSTON—Dickson Car Wheel Co.
Houston Car Wheel & Machine Co. (Light & Heavy)

VERMONT.

BRANDON—Backus Corp.
FAIR HAVEN—Fair Haven Foundry & Machine Co.
POULTNEY—Gray Foundry, Inc.
RUTLAND—Davis Chas E. Fdry Co. (From 1 ounce to 1 ton)

VIRGINIA.

BRISTOL—Iron City Stove & Fdry Co.
CLIFTON FORGE—Clifton Forge Machine & Foundry Co.
COVINGTON—Covington Machine Co.
DANVILLE—Westbrook Elevator Mfg. Co.
LYNCHBURG—Glamorgan Pipe & Foundry Co.
Hubard Foundry & Machine Works
Lynchburg Foundry Co. (Medium & Heavy)
NORFOLK — Eagle Iron Works (Up to 6,000 lbs)
PETERSBURG—Appomattox Iron Works & Supply Co.
RICHMOND—Cameron Stove Co.
Carr Jas. W., 7 N 25th
Richmond Foundry & Mfg. Co. (Plumbing Specialties), Hermitage rd.
Richmond Structural Steel Co. (Up to 30,00 lbs), 18th & Dock
Strickland Machine Co., 2330 E Main
ROANOKE—Roanoke Iron & Bridge Works, Inc.
Roanoke Iron Works (Up to 10,000 lbs)

WASHINGTON.

EVERETT—Nordeen Foundry Co.
SEATTLE—Olympic Foundry Co. (Light & Heavy)
Seattle-Astoria Iron Works
Variety Iron Works (Light & Heavy)
SPOKANE—Success Seed Grader Co.
Northwest Harvester Co.
TACOMA—Atlas Foundry & Machine Co., 30 & Wilkinson
Union Iron Works

WEST VIRGINIA.

CHARLESTON—Kanawha Mfg. Co.
South Side Foundry & Machine Works
FAIRMONT—Fairmont Mining Machinery Co. (Soft Castings)
MORGANTOWN—Chrisman Foundry Co.
Wheeling Steel & Iron Co. (For own use only)
WHEELING—Centre Foundry & Machine Co.
Moss J. E. Iron Works
Wheeling Mold & Foundry Co.
Whitaker—Glessner Co. (For Own Use)

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Valley Iron Works Co.
BEAVER DAM—Malleable Iron Range Co.
CEDAR GROVE—Wisconsin Foundry & Steel Works
CUDAHY—Worthington Pump & Machinery Co. *See adv index at end of book*
GRAFTON—Grafton Foundry Co. (Light & Heavy)
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
MANITOWOC—Manitowoc Fdry. & Machine Co.
MILWAUKEE—Chain Belt Co.
Martin A. E. Foundry & Machine Co. (½ lb to 5 Tons), 705 Park
Milwaukee Malleable & Grey Iron Works, Layton Park
Nordberg Mfg. Co. (Heavy), Chicago & Oklahoma av
Nortmann-Duffke Foundry Co., 27th av
Schwab R. J. & Sons Co., 283 Clinton
Smith T. L. Co. ("Smith"), 1151 32nd
See adv index at end of book
VILTER MFG. CO., 1046 Clinton
See adv index at end of book
Wis. Iron & Wire Wks., 1560H Booth
NEENAH—Aylward Sons Co.
OSHKOSH—Challoner Co.
Universal Foundry Co.
RACINE—American Skein & Foundry Co.
Belle City Mfg. Co.
Holbrook Armstrong Iron Co. (Light & Heavy)
Racine Brass & Iron Co.
Simms Foundry Co.
SCHLEISINGERVILLE—La Point Foundry Co.
SHEBOYGAN — Jenkins Machine Co. (Light & Heavy)
SOUTH MILWAUKEE—Stowell Co. The
SUPERIOR—Duplex Mfg. Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WAUKESHA—Spring City Foundry Co.
WEST ALLIS—West Allis Foundry Co.
WEST BEND—Gehl Bros. Mfg. Co. (Up to 2000 lbs.)

2170— Castings (Gun Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
Arcade Malleable Iron Co. (Gun Iron), Worcester, Mass.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Belcher Malleable Iron Co., Easton, Mass.
BUFFALO FOUNDRY & MACHINE CO. ("Buflokast" Gun Iron), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry (Iron), 9 Codding, Providence, R. I.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus"), U S, Pittsburgh, Pa.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Eureka Co., North East, Pa.

CASTINGS (GUN METAL)—Continued
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Grote F. Mfg. Co., Evansville, Ind.
Hunt-Spiller Mfg. Corpn. ("Hunt-Spiller" Gun Iron), 383 Dorchester av, Boston, Mass.
Light Mfg. & Foundry Co., Pottstown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Poole Engineering & Machine Co., Wood-Berry Station, Baltimore, Md.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Bridghtwood Brass Foundry, Springfield, Mass.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Venango Bronze Metal Co., Franklin, Pa.
Walworth Mfg. Co., 142 High, Boston, Mass.
Williams E. A. Son, 109 Plymouth, Jersey City, N. J.

Castings (Hatfield Steel)

See firms in Castings, Steel, with the word Hatfield following their names

2170a—Castings (Heat Resisting)

Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Duriron Casting Co., 90 West, New York
Elyria Enameled Products Co., Elyria, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Lehigh Foundry Co., Fullerton, Pa.
Love Bros., Inc., Aurora, Ill.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio

2170b Castings (Iron)

Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bosworth-Ard Machine & Foundry Co. (Hard Iron), Anniston, Ala.
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Charleston Dry Dock & Machine Co., Charleston, S. C.
Frontier Chuck & Tool Co., 30 Letchworth, Buffalo, N. Y.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Hoe J. R. & Sons (½ Lbs. to 5 Tons), Middleboro, Ky.
Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y.
Keystone Iron Wks., 37th & Santa Fe av, Los Angeles, Cal.
Lawrence Foundry Co., Grove City, Pa.
Lorain Steel Co., Johnstown, Pa.
National Car Wheel Co., Keystone bldg, Pittsburgh, Pa.
Pettis W. W. Co., 416-417 First Natl. Bank bldg, Cincinnati, Ohio.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Riley John F. Foundry & Mach. Co., Charleston, S. C.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
Venango Bronze Metal Co. (Small & Medium), Franklin, Pa.
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

2170c—Castings (Iron Special)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2170d— *Castings (Lathe)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Pettis W. W. Co., 416-417 First Natl. Bank bldg, Cincinnati, Ohio
See adv index at end of book

2171— Castings (Lead)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Tool & Machine Co., 10 High, Boston, Mass.
Atlas Brass Works, 612 Bryant st, San Francisco, Cal.
Brown Bros., Stamford, Conn.
See adv index at end of book
Craig Foundry Co., 42 Sanford, Brooklyn, N. Y. *See adv index at end of book*
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
DIE CASTING CO. OF OHIO (THE), Toledo, Ohio.
See adv index at end of book
Erie Bronze Co., 353 W 19th, Erie, Pa.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Neenah Brass Works, Neenah, Wis.
Precision Castings Co., Inc., Syracuse, N. Y.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
United Lead Co., 111 B'way, New York
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Venango Bronze Metal Co., Franklin, Pa.
Wells Chemical Bronze Works, Worcester, Mass.

2171a—Castings (Locomotive)

Anniston Electric Steel Corp., Dept. H, Anniston, Ala.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Chicago Bearing Metal Co. (Brass), 2220 W 43rd, Chicago, Ill.
Edgewater Steel Co., Edgewater Station & A. V. R. R., Pittsburgh, Pa.
Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.
Hunt-Spiller Mfg. Corp., 3834H Dorchester av, Boston, Mass.
Janney & Co. (Iron), Montgomery, Ala.
Locomotive Finished Material Co. (Rough & Finished), Atchison, Kans.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Pettis W. W. Co., 416-417 First Natl. Bank bldg, Cincinnati, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Union Steel Casting So., Dept. H, 62nd & Butler St., Pittsburgh, Pa.
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.

2172—*Castings (Lumen Bearing)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2173— Castings (Machinery)

See also Castings, Various Kinds

Atlantic Steel Castings Co., Chester, Pa.
Austin Welding Works, 555 Quincy, Chicago, Ill.
Barnum S. H. (medium & heavy), New Haven, Conn.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Cummings T. A. Foundry Co., 1338 Cortland, Chicago, Ill.
Detroit Steel & Casting Co. (Heavy), Detroit, Mich., 4069H Michigan
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
Grace C. M. & Co., Huntsville, Ala.
Green's Car Wheel Mfg. Co., 3000 N B'way, St. Louis, Mo.
GRISCOM-RUSSELL CO., Massillon, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lone Bros., Inc., Aurora, Ill.
Morgan Engineering Co., Alliance, O.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Pettis W. W. Co., 416-417 1st Natl Bank bldg, Cincinnati, O.
Sivyer Steel Casting Co., Milwaukee, Wis.
Swett A. L. Iron Works, 145 Glenwood av, Medina, N. Y.
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
Venango Bronze Metal Co., Franklin, Pa.

2174—Castings (Malleable Iron)

CALIFORNIA.

LOS ANGELES—Western Malleable Casting Co., Boyle & Slowson avs
REDDING—Northern California Engineering Works

CONNECTICUT.

BRANFORD—Hammer & Co. (Hardware Specialties, etc.)
Malleable Iron Fittings Co. (Air Furnace Refined)
BRIDGEPORT — Bridgeport Malleable Iron Works. Branch of Eastern Malleable Iron Co.
Crane Co.
MIDDLETOWN—Wilcox, Crittenden & Co., Inc. (Small, to Order)
See adv index at end of book
MOUNT CARMEL—Woodruff Walter W. & Son Co. (Carriage & Miscellaneous)
NAUGATUCK—Eastern Malleable Iron Co. (All Kinds)
NEW BRITAIN—Malleable Iron Works
North & Judd Mfg. Co. (Castings to Order)
Vulcan Iron Works, br of Eastern Malleable Iron Co. (All Kinds)
NEW HAVEN—Fitch W. & E. T. Co.
North O. B. & Co.
TERRYVILLE—Terry Andrew Co. (Keys, Hinges & Small)

DELAWARE.

WILMINGTON—Malleable Iron Works of Eastern Malleable Iron Co.

Nichrome—
the Heat-Resisting ALLOY

Heat Treating Containers—Boxes, Pots, Tubes, Furnace Parts.

Resistance Wire for Electric Heating—Household and Industrial.

Resistance Wire and Ribbon. Nichrome for Electric Heating
No. 193 Alloy for Controllers and Rheostats
Advance for Instruments and Standards
Therlo for Shunts
Monel Metal Wire

Brass, Bronze and Phosphor Bronze Wire
Flexible Heat Cord
Metal Rope
Flexible Stranded and Braided Wire Strip Steel
Spark Plug Wire
Wire for Weaving

Rods, Sheet, Strip and Wire of Nickel and Its Alloys

DRIVER-HARRIS COMPANY
HARRISON, NEW JERSEY
Chicago - Detroit - Canada - England - France

ILLINOIS.

BRADLEY—Bradley David Machine Works
CANTON—Parlin & Orendorff Co.
CHICAGO—Chicago Malleable Castings Co. (Certified), 120th & Racine av
Illinois Malleable Iron Co. (Pipe, Fittings & General), 1801 Diversey blvd
National Malleable Castings Co. (Railroad, etc), 2610 W 25th pl.(See Cleveland, O.)
Pratt Wm. E. Mfg. Co., 35 W Lake
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway
Western Steel Car & Fdry. Co. (Castings), Peoples Gas bldg
Wolff Mfg. Co., 255 N. Hoyne av
DANVILLE—Danville Malleable Iron Co.
DECATUR—Decatur Malleable Iron Co.
Wagner Castings Co., Dept. H
EAST MOLINE—Union Malleable Iron Co.
EAST ST. LOUIS—Missouri Malleable Iron Co. (Railroad, Stove, Range, etc)
National Malleable Castings Co.
FRANKLIN PARK—Franklin Park Fdry. Co.
GALESBURG—Galesburg Malleable Castings Co. (Light & Medium)
JOLIET—Pratt Wm. E. Mfg. Co.
MADISON—American Car & Foundry Co.
MELROSE PARK — National Malleable Castings Co. (See Cleveland, O.)
MOLINE—Cooper H. W. Saddlery Hdw. Mfg. Co.
ROCKFORD — Rockford Malleable Iron Works (Machinery & General)
ST. CHARLES—Faultless Iron Works
Moline Malleable Iron Co. (All Kinds)

INDIANA.

HAMMOND — Hammond Malleable Iron Co.
INDIANAPOLIS—Link-Belt Co. Belmont Foundry
See adv index at end of book
National Malleable Castings Co. (Railroad, etc). (See Cleveland, O.)
MARION—Marion Malleable Iron Works
MICHIGAN CITY—Haskell & Barker Car Co. (Car & R R Castings)
MUNCIE—Machsts. Foundry Co.
Muncie Malleable Castings Co. (Agricultural, Railroad, etc.)
RICHMOND—Richmond Malleable Castings Co.
SOUTH BEND—South Bend Chilled Plow Co.
TERRE HAUTE—Inland Malleable Iron & Steel Co.
Terre Haute Malleable & Mfg. Co.

IOWA.

FAIRFIELD—Iowa Malleable Iron Co.

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So Charles & Wells
Symington T. H. Co., Md. Trust bldg.

MASSACHUSETTS.

BOSTON—Laconia Car Co. (For Electrical Work), 60 Congress
Livermore Homer F. Inc., 85 Pearl
EASTON—Belcher Malleable Iron Co. (Machinery, Agricultural, etc)
WORCESTER—Arcade Malleable Iron Co. (Castings of Every Description)

MICHIGAN.

ALBION—Albion Malleable Iron Co. (Agricultural, Carriages, etc)
BENTON HARBOR—Benton Harbor Malleable Foundry Co.
DETROIT—Buhl Malleable Co., Wight & Adair
Detlaff A. J. Co., 121 E Lafayette
Detroit Brass & Malleable Wks., 1177H Holden
Michigan Malleable Iron Co. (Car, Agricultural, etc), Delray
GRAND RAPIDS—Grand Rapids Malleable Works
KALAMAZOO—Kalamazoo Malleable Iron Co.
MUSKEGON—Standard Malleable Iron Co.

MINNESOTA.

ST. PAUL—Northern Malleable Iron Co. (Agricultural Implement & Railroad), Wells & Forest

MISSOURI.

ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg. Works. St. Charles
St. Louis Car Co. (Car & R. R.), 8000 N B'way
St. Louis Malleable Casting Co., 7700 N Broadway

NEW HAMPSHIRE.

LACONIA—Laconia Car Co. (For Electrical Work
NASHUA—Highton Wm. & Sons Co.

NEW JERSEY.

BURLINGTON—Devlin Thos. Mfg. Co. (See Phila., Pa.)
NEWARK—Meeker Foundry Co. (All Kinds), 95 Clay
TRENTON—Trenton Malleable Iron Co. (All Kinds)

NEW YORK.

ALBANY—Albany Malleable Iron Co.
BATAVIA—Massey-Harris Harvester Co.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Acme Steel & Malleable Iron Works, 245 Military rd
Jewell Steel & Malleable Co.
Pratt & Letchworth Co. (Small & Large)
DEPEW—Gould Coupler Co.
HOOSICK FALLS—Wood Walter A., Mowing & Reaping Machine Co. (For Own Consumption)
LANCASTER—American Malleables Co.
LOCKPORT—Lockport Foundries Corp.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

AMERICAN CAR & FOUNDRY CO., 165 Broadway
American Malleables Co., 30 Church. (Works: Bloomfield, N. J.)
Gould Coupler Co., 30 E 42nd
Johnson Isaac G. & Co. (All Kinds), Spuyten Duyvil
Lasker & Minck, 220 B'way
Lough Bros., 90 West
McMann & Taylor Co., 104 John
See adv index at end of book
Symington T. H. Co., 233 H Bway
U. S. Castings Co. (Selling Agent), 25 Elm
(End of New York City)
ORISKANY—Oriskany Malleable Iron Co. (Ltd.) (All Kinds, Light, Medium & Heavy)
ROCHESTER—Symington T. H. Co.
SYRACUSE—Frazer & Jones Co. (Saddlery, Agricultural & General)
Globe Malleable Iron & Steel Co. (Specialty, Automobile Castings), 101 Greenway av
Smith Wheel, Inc.
Syracuse Malleable Iron Works (Automobile, Railway, Agricultural, Air Furnace, etc)
TROY—Troy Malleable Iron Works of Eastern Malleable Iron Co. (Castings for All Purposes, Specialties R R & Electric Motor Truck Castings)
WESTMORELAND — Westmoreland Malleable Iron Co. (Ltd.) (Agricultural, Carriage, Saddlery & General)

OHIO.

BARBERTON—Pittsburgh Valve & Fittings Co.
CANTON — Canton Malleable Iron Co. (General Castings)
Elbel Co. (Saddlery Hardware & Castings)
Gilliam Co.
CINCINNATI—Haven Malleable Castings Co. (Carriage Hardware & Custom)
Pettis W. W. Co., 416-417 First Natl. Bank bldg.
CLEVELAND — Chisholm Moore Mfg. Co. (Light & General, Smooth & Well Annealed Castings), 5046 Lakeside
Eberhard Mfg. Co. (Saddlery Only), C. & P. Ry & Tennyson rd.
Fanner Mfg. Co. (Small)
Grabler Mfg. Co. (Small)
Harsch John Bronze & Foundry Co., Madison av
National Malleable Castings Co. (R R, etc), 7706 Platt av S E
COLUMBUS—Columbus Malleable Iron Co.
Ohio Malleable Iron Co. (All Kinds), 961 N Fourth
DAYTON—Dayton Malleable Iron Co. (For Railroad & Car Builders & Agricultural Implements, etc)
MARION—American Malleable Casting Co.
SPRINGFIELD—American Seeding Machine Co. (Agricultural Implements Only)
International Harvester Co. (Champion Works)
Springfield Malleable Iron Co. (Small & Railroad Castings)
TOLEDO—Maumee Malleable Castings Co. (Railroads, etc.)
National Malleable Castings Co. (Railroad, etc.) (See Cleveland, O.)
United States Malleable Iron Co. (Automobile, Carriage, R R & Implement)
WARREN—General Malleable Co.
Trumbull Mfg. Co.
WAUSEON—Superior Iron & Mfg. Co. (See Toledo, O.)
YOUNGSTOWN—Youngstown Furnace Co.
ZANESVILLE—Zanesville Malleable Co.

PENNSYLVANIA.

BURNHAM—Standard Steel Works Co. (See Phila.)
CHAMBERSBURG—Chambersburg Foundry & Machine Co.
EASTON—Kuebler Foundries
ERIE—Erie Malleable Iron Co. (All Kinds)
Jarecki Mfg. Co. (Fittings, etc)
GREENBURG—Kelly & Jones Co.
LANCASTER—Lancaster Foundry Co.
McKEES ROCKS—Fort Pitt Malleable Iron Co.
Pressed Steel Car Co. (See Pittsburgh, Pa.)
MEADVILLE—Meadville Malleable Iron Co. (Refined Air Furnace Iron)
OIL CITY—Oil Well Supply Co.
PHILADELPHIA—Devlin Thos. Mfg. Co. (Carriage, Saddlery, Agricultural, Pipe Fittings, etc), 3d & Lehigh av
Flagg Stanley G. & Co., Morris bldg. Works: Pottstown
Janney, Steinmetz & Co., 1421 Chestnut
Philadelphia Hardware & Malleable Iron Works (Light), 9th & Jefferson
Works: Burnham
Standard Steel Works Co., Morris bldg. Works: Burnham
Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.
PITTSBURGH—Fort Pitt Malleable Iron Co., Thompson & Crawford
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pressed Steel Car Co. (Car & Locomotive), 307 5th av
SHARON—National Malleable Castings Co. (Railroad, etc) (See Cleveland, O.)
STOWE—Flagg Stanley G. & Co. (See Phila., Pa.)
TEMPLE—Temple Malleable Iron & Steel Co. (Office: Phila., Pa.)

RHODE ISLAND.

HILLS GROVE—Rhode Island Malleable Iron Works (All Kinds)

TENNESSEE.

CHATTANOOGA—Ross-Meehan Foundries (Railroad)

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.

WASHINGTON.

TACOMA—Atlas Foundry & Machine Co., 30th & Wilkinson

WEST VIRGINIA.

POINT PLEASANT—West Virginia Malleable Iron Co.

WISCONSIN.

BEAVER DAM—Malleable Iron Range Co.
Western Malleables Co.
MILWAUKEE—Chain Belt Co.
Milwaukee Hay Tool Co., Layton Park
Milwaukee Malleable & Grey Iron Works, Layton Park
Northwestern Malleable Iron Co. (Agricultural, Car, etc), 756 Park
South Side Malleable Casting Co., 14th av & Ry Tracks
Wisconsin Malleable Iron Co. (Refined Air Furnace), South Bay
RACINE—Belle City Malleable Iron Co.
Lakeside Malleable Castings Co. (Agricultural, R. R., etc)
Racine Malleable & Wrought Iron Co. (Wrought Carriage & Saddlery Hardware & Casting, etc.)
SOUTH MILWAUKEE—Badger Malleable & Mfg. Co. (For All Purposes)
Stowell Co. The (Castings for All Purposes)
WAUKESHA—Waukesha Malleable Iron Co. (Farm Implements, Logging Tools, etc.)
TACOMA—Atlas Foundry & Machine Co., 30 & Wilkinson
WEST ALLIS—Federal Malleable Co. (Refined)

2175—Castings (Manganese Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
Allis-Chalmers Mfg Co., Milwaukee, Wis.
AMERICAN MANGANESE BRONZE CO. ("Spare's," "Hy-Ten-Sl"), 3501 Rhawn, Phila., Pa.
Atkinson Co. (1,000 to 3,000 lbs.), Rochester, N. Y.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Blake Edwin J., Hartford, Conn.
Brown Bros., Stamford, Conn.
See adv index at end of book
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Columbian Bronze Corp, 522 5th av, New York
Cramp William & Sons Ship & Engine Building Co. (Parsons), Beach & Ball, Phila., Pa.
Crown Smelting Co., Chester, Pa.
Davenport Locomotive Wks., Davenport, Ia.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Dorchester Brass & Aluminum Fdry., Dept. H, Hyde Park, Mass.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Erie Specialty Co., 520 W 12th, Erie, Pa.
See adv index at end of book
Eynon Evans Corp., N 15th & Clearfield, Phila., Pa.

CASTINGS (MANGANESE BRONZE)—c't
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Gilbert A & Sons Brass Fdry Co., 4019 Forest Park blvd, St. Louis, Mo.
Highton Wm. & Sons Co. ("Parsons"), Nashua, N. H.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book
KEYSTONE BRONZE CO. (Highgrade), 39th & A. V. R. R., Pittsburgh, Pa.
Kokomo Brass Works, Kokomo, Ind.
Levett Walker M. Co., 417 E 23rd, New York
Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
Magnus Metal Co., 111 B'way, New York
Marion Machine, Foundry & Supply Co., Marion, Ind.
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
Morris I. P. Co., cor. Richmond & Norris, Phila., Pa.
National Bronze & Aluminum Fdry. Co., 2539 E 79th, Cleveland, O.
New London Marine & Iron Works, New London, Conn.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Parsons Co., Newton, Ia.
Pioneer Brass Works, Indianapolis, Ind.
Reading Brass Works, Reading, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Rock Island Metal Foundry ("Parson's"), 505 41st, Rock Island, Ill.
Ryder Brass Foundry Co., Bucyrus, O.
Sherwood Brass Works, 1167 Jeff E, Detroit, Mich.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2176—Castings (Manganese Steel)

Advance Bronze & Aluminum Foundry Co., E 99th & Meech av, Cleveland, Ohio
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Bonney-Floyd Co., Columbus, O.
Brylgon Steel Casting Co. (High Manganese or other Special Grades), New Castle, Del.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Crucible Steel Casting Co., Landsdowne, Pa.
Enterprise Foundry Co., 20 Stewart, San Francisco, Cal.
Frog Switch & Mfg. Co. ("Indian Brand"), Carlisle, Pa.
Hess Steel Corp'n, Lowney's La. & Biddle, Baltimore, Md.
Los Angeles Foundry Co., 2444H Alameda, Los Angeles, Cal.
Parsons Co., Newton, Ia.
Rogers C. E., 64H Plympton, Boston, Mass.
Rogers C. E. Brass Foundry, 64H Plympton, Boston, Mass.
Smith G. H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Spring & Mfg. Co., New Kensington, Pa.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.

2177— Castings (Marine)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Broadfoot Iron Works, Wilmington, N. C.
BOSWORTH-ARD MACHINE & FOUNDRY CO., Anniston, Ala.
Brown Bros., Stamford, Conn.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Capitol Brass Works, 596 Franklin, Detroit, Mich.
Columbian Bronze Corp., 522 5th av, New York
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila, Pa.
Crown Smelting Co. (Brass), Chester, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Eastwood Wire Mfg. Co., (Brass, Bronze, etc.), Belleville, N. J.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.
Great Lakes Engineering Works, Real Estate Exch. bldg., Detroit, Mich.
Harsh John Bronze & Foundry Co., Madison av, Cleveland, Ohio
Home Industry Iron Wks. Mobile, Ala.
Ironton Punch & Shear Co. (River Only), Ironton, O.
See adv index at end of book
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Minneapolis Elec. Steel Castings Co., 38th av N E & 5th, Minneapolis, Minn.
Montague Iron Wks., 189 W Madison, Chicago, Ill.
Morgan Engineering Co., Alliance, O.
Murray Bros. Machine Works, 233 Folsom, San Francisco, Cal.
PENN SEABOARD STEEL CO., Franklin Bk. bldg, Phila., Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riley John F. Fdry. & Mach. Co., Charleston, S. C.
Stern Foundry & Machinery Co., 1630 Annunciation, New Orleans, La.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.

2178— *Castings (Mining)

BUFFALO FOUNDRY & MACHINE CO. 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Pettis W. W. Co., 416-417 First Natl. Bank bldg, Cincinnati, Ohio

2179—Castings (Monel Metal)

Jefferson Brass Foundry, 209 King, B'klyn, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Monel Metal Products Corp., Bayonne, N. J.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
Superior Bronze Co., Erie, Pa.
WILLIAMS & CO. INC., 901-937 Pennsylvania v N S, Pittsburgh, Pa.
See adv index at end of book



2179a— Castings (Nickel)

See also following headings
Scovill Mfg. Co. (Nickel Steel), Waterbury, Conn. *See adv index at end of book*
Monel Metal Products Corp., Bayonne, N. J.
WILLIAMS & CO. INC. (We can furnish Nickel Castings in weights from 1 to 20,000 lbs. A High Grade American Product. Prompt Delivery), 901-937 Pensylvania av N S, Pittsburgh, Pa.
See adv index at end of book

2180—Castings (Nickel Bronze)

Brown Bros., Stamford, Conn.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Morgan Engineering Co., Alliance, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

2180a—Castings (Nickel Silver)

Brown Bros., Stamford, Conn.
See adv index at end of book
Graham Jas. & Co., New Haven, Conn.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Ives H. B. Co., New Haven, Conn.
Jenkins Mfg. Co., Bloomfield, N. J.
Owren Casting Co., Attleboro, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Trefethen D. A., Taunton, Mass.

2181—Castings (Nickel Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Bayonne Casting Co. (Nickel Only), Bayonne, N. J.
Bethlehem Steel Co., South Bethlehem, Pa.
Chicago Steel Foundry Co. (Non Corrosive), 3701 S Kedzie av, Chicago, Ill.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Crucible Steel Casting Co., Landsdowne, Pa.
Malleable Iron Fittings Co., Branford, Conn.
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Millbury Steel Foundry Co., Millbury, Mass.
Minneapolis Elec. Steel Castings Co., 38th av N E & 5th, Minneapolis, Minn.
Sivyer Steel Casting Co., Milwaukee, Wis.
Union Spring & Mfg. Co., New Kensington, Pa.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.

2182—Castings (Non-Corrosive Metal)

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Duriron Castings Co. ("Duriron"), Dayton, O.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

2182a—Castings (Non-Ferrous)

Advance Bronze & Aluminum Foundry Co., E 99th & Meech av, Cleveland, Ohio
Capital Brass Fdry., Salt Lake City, Utah.
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Hills McCanna Co., 2025 Elston av, Chicago, Ill.
San Diego Machine Co., San Diego, Cal.

Castings (Open-Hearth Steel)

See firms in Castings, Steel, with the words Open-Hearth following their names

2183— Castings (Ordnance)

American & British Mfg. Co., Charles, Providence, R. I.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Morgan Engineering Co., Alliance, O.
Penn Seaboard Steel Co., Franklin Bk. bldg, Phila., Pa.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.

Castings (Ornamental Iron)

See Firms in Iron, Architectural & Ornamental, with a Star in front of their names

2183a—*Castings (Paper Mill)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2184—Castings (Phosphor Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
Anderson A. H. (Light & Heavy), 1213 Fulton, Chicago, Ill.
Atkinson Co. (1,000 to 5,000 lbs), Rochester, N. Y.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Atlas Brass Works, 612 Bryant, San Francisco, Cal.
Belfield H. Co., 435 N Broad, Phila., Pa.
Blake Edwin J., Hartford, Conn.
Bridgman Bros. Co., 131 S 31st, Phila., Pa.
Bronze Metal Co., 30 Church, New York
Brown A. & F. Co., 79 Barclay, New York)
Brown Bros., Stamford, Conn.
See adv index at end of book
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davenport Locomotive Works, Davenport, Ia.
Dorchester Brass & Aluminum Fdry., Dept. H, Hyde Park, Mass.
Edna Brass Mfg. Co., Cincinnati, O.
Electric Materials Co., North East, Pa.
Emory P. P. Mfg. Co., Springfield, Mass.
Erie Bronze Co., 353 W 19th, Erie, Pa.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Eureka Co., North East, Pa.
Exeter Brass Works, Exeter, N. H.
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Gilbert A. & Sons Brass Fdry. Co., 4019 Forest Park bl, St. Louis, Mo.
Great Lakes Brass Foundry, Bay City, Mich.
Grote F. Mfg. Co., Evansville, Ind.
Hackett Brass Foundry, 242 Lillibridge, Detroit, Mich.
Harsch John Bronze & Foundry Co., Madison av, Cleveland, Ohio
Higgins & Co., Holyoke, Mass.
Hoban Brass Foundry Co., Dayton, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book

Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Krouse Geo. (Heavy), 150 Morgan, Jersey City, N. J.
Leslie Co., Lyndhurst, N. J.
Light Mfg. & Foundry Co., Pottstown, Pa.
Livermore Homer F. Inc., 85 Pearl St., Boston, Mass.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
Magnus Metal Co., 111 B'way, New York
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
New Brunswick Iron Works, New Brunswick, N. J.
Newell Fred E., Central Falls, R. I.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Parsons Co., Newton, Ia.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Reading Brass Works, Reading, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Rider-Bagg Co., Springfield, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rogers C. E., 64H Plympton, Boston, Mass.
Rogers C. E. Brass Foundry, 64H Plympton, Boston, Mass.
St. Cloud Iron Works Co., St. Cloud, Minn.
San Diego Machine Co., San Diego, Cal.
Seymour Mfg. Co., Seymour, Conn.
Sherwood Brass Works, 1167 Jefferson E, Detroit, Mich.
Trefethen D. A., Taunton, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Union Brass Foundry Co., Lowell, Mass.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Venango Bronze Metal Co., Franklin, Pa.
Ward & Williams, Hancock, Mich.
Watson, Frye Co. Ltd., Bath, Me.
Wellman Bronze Co. (Medium & Heavy), 6917 Superior av, Cleveland, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2185—*Castings (Puddled Semi-Steel)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book

2185a— Castings (Pulley)

Gerdes & Co., 42 Church, New York
See adv index at end of book
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
See adv index at end of book

2186— Castings (Railroad)

See also Castings, Aluminum; Castings, Brass & Bronze; Castings, Copper; Castings, Gray Iron; Castings, Gun Metal; Castings, Malleable Iron; Castings, Phosphor Bronze; Castings, Steel; Machinists & Founders
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Atlas Foundry & Machine Co. (Iron), 30 & Wilkinson, Tacoma, Wash.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Chrisman Foundry Co., Morgantown, W. Va.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Morgan Engineering Co., Alliance, O.
Penn Seaboard Steel Co., Franklin Bank bld, Phila., Pa.
Pettis W. W. Co., 416 First Natl. Bank bldg, Cincinnati, Ohio.
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
STRONG STEEL FOUNDRY CO., Buffalo, N. Y.
Union Spring & Mfg. Co., New Kensington, Pa.
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2187—Castings (Rock Crusher)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Road Machinery Co., Kennett Sq., Pa.
Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bethlehem Steel Co. ("Manard" Steel), So. Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steel), Columbus, O.
Brunner Machinery Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chester Steel Castings Co., Chester, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Parsons Co., Newton, Ia.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Pettis W. W. Co., 416 First Natl. Bank bldg, Cincinnati, Ohio
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
St. Louis Steel Foundry (Manganese Steel), Hamburger & Kienlen av, St. Louis, Mo.
Stearns-Roger Mfg. Co., Denver, Colo.
Steele & Condict (Also for Elevators & Screens), 74 Pearl, Jersey City, N. J.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.
Union Steel Casting Co., Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Vulcan Mfg. Co., 1200 4th av, Seattle Wash.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.

2188—Castings (Rolling Mill & Furnace)

See also Machinery, Rolling Mill; also Rolls, Sand, Chilled & Steel
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel, Dept. H, 14th & State, Chicago Heights, Ill.
Atlas Brass Foundry Co., The, Columbus, O. *See adv index at end of book*
Best Mfg. Co., A. & 1st, Pittsburgh, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Open-Hearth, Converter & Electric Steel), Columbus, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chrisman Foundry Co., Morgantown, W. Va.
Cooper C. & G. Co., Mt. Vernon, O.
Detroit Steel Casting Co. (& Gas Producers), 4069H Michigan, Detroit, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.
Ironton Punch & Shear Co., Ironton, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124 Pittsburgh, Pa. *See adv index at end of book*
More-Jones Brass & Metal Co. (Bronze), Broadway & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co. (Heavy), Norristown, Pa.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Penna. Engineering Works, New Castle, Pa.
Pettis W. W. Co., 416 First Natl. Bank bldg., Cincinnati, Ohio
Philadelphia Roll & Machine Co., 25th & Wash'n av, Philadelphia, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Sharon Foundry Co., Wheatland, Pa.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
Treadwell M. H. Co. of Illinois, 208 S. La Salle, Chicago, Ill.
Union Steel Casting Co., Pittsburgh, Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, Ohio
Velte Foundry & Machine Co., Mars, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Weimer Machine Works Co., Lebanon, Pa.
Wheeling Mold & Fdry Co., Wheeling, W. Va.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Youngstown Foundry & Machine Co., Youngstown, O.

2189— Castings (Semi-Steel)

Albany Malleable Iron Co., Albany, N. Y.
Allyne-Ryan Foundry Co., Aetna rd & E 91st, Cleveland, O.
American Brake Shoe & Fdry. Co., 30 Church, New York
Asheville Supply & Fdry Co., Asheville, N. C.
Atlantic Fdry. Co., Akron, O.
American Clay Machinery Co. (Medium), Bucyrus, O.
Arcade Malleable Iron Co., Worcester, Mass.
Avery B. F. & Sons (Plain or Machine) Louisville, Ky.
Ball Engine Co. (Up to 20 Tons), Erie, Pa
Barker Jas., 6th & Cayuga, Phila., Pa.
Bethlehem Foundry & Machine Co. South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry (Heavy), Derby, Conn.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Centre Fdry & Machine Co., Wheeling, W. Va.
Chain Belt Co., Milwaukee, Wis.
Chalmers Mfg. Co., Lima, O.
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Chrisman Foundry Co., Morgantown, W. Va.
City Foundry Co. (Up to 50 Tons), 45th & Hamilton av, Cleveland, O.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Cumberland Fdry. & Mfg. Co., Nashville, Tenn.
Cureton Wm. & Sons, Dayton, Ohio.
Davenport Locomotive Wks., Davenport, Ia.
Davis Sewing Machine Co., Dayton, Ohio.
Davison-Namack Fdry. Co., Ballston Spa, N. Y.
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Eastern Malleable Iron Co., Naugatuck, Conn.
Eccleston Machinery Co., 162 S Anderson, Los Angeles, Cal.
FARRAR & TREFTS, INC. (Up to 100,000), Buffalo, N. Y.
See adv index at end of book
Farrel Foundry & Machine Co. (Heavy), Ansonia, Conn.
Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
Francis & Nygren Foundry Co. (For Ammonia Castings, Smelting & Acid Kettles, Gears, etc), 2542 Fillmore, Chicago, Ill.
Fuller-Leghigh Co. (Up to 50 tons), Fullerton, Pa. *See adv index at end of book*
G. & C. Foundry Co., Sandusky, O.
Gillie Machine Co., Tonawanda, N. Y.
Greenville Iron Works, Greenville, S. C.
Grote F. Mfg. Co., Evansville, Ind.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hagerstown Foundry & Machine Co., Hagerstown, Md.
Hanson Clutch & Machy Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Hopes Combustion Engng. Co., Glens Falls, N. Y.
Independent Foundry Co., Portland, Ore.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Jackson & Church Co., Saginaw, Mich.
Kahl, Fred'k Iron Foundry, 2111 E. Atwater, Detroit, Mich.
La Point Foundry Co., Schlersingerville, Wis.
LINK-BELT, CO., 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Livermore Homer F. Inc., 85 Pearl, Boston, Mass.
Lorain Casting Co. (Up to 40,000 lbs.), Lorain, O.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McLain's System, Milwaukee, Wis.
McKim Foundry & Machine Co., Lockport, N. Y.
Malleable Iron Fittings Co. (Homogenous Metal), Branford, Conn.
Marion Machine Foundry & Supply Co., Marion, Ind.
Moak Machine & Tool Co., Port Huron, Mich.
Morgan Engineering Co., Alliance, O.
Morris John B. Foundry Co., Court & Harriet, Cincinnati, O.

CASTINGS (SEMI-STEEL)—continued
Muncie Foundry & Machine Co., Muncie, Ind.
Pettis W. W. Co., 416 First Natl. Bank bldg., Cincinnati, Ohio.
Pierce-Brown Inc., North Tonawanda, N. Y.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Poole Engineering & Machine Co., H, Woodberry Sta., Baltimore, Md.
RALEIGH IRON WORKS CO., ("Ferrodense"), Raleigh, N. C.
Reliance Foundry Co., Richmond, Ind.
Riley, John F., Foundry & Mach. Co., Charleston, S. C.
Ripley Foundry & Machine Co., Ripley, O.
Rosedale Foundry & Machine Co., Preble, Pittsburgh, Pa.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
St. Cloud Iron Works Co., St. Cloud, Minn.
Santa Fe Foundry Co., Richmond, Cal.
Share Furnace & Metal Appliance Co., W. Warren av & S Delaware, Denver, Colo.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Simms Foundry Co., Racine, Wis.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.
Standard Engineering Co., Elwood City, Pa.
Superior Foundry Co., 71 & W. & L. E. Ry., Cleveland, O
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Toledo Ship Building Co., Toledo, O.
Tomahawk Steel & Iron Works, Tomahawk, Wis.
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*
United Engineering & Foundry Co., Farmers Bk. Bldg, Pittsburgh, Pa.
United Iron Works Co. Inc, Kansas City, Mo.
United Roll & Foundry Co., Ravenna, Ohio
Valley Iron Works, Williamsport, Pa.
Vogt Brothers Mfg. Co., Louisville, Ky.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Walker Foundry Co., Erie, Pa.
Waltham Foundry Co., Waltham, Mass.
West Allis Foundry Co., West Allis, Wis.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del
Wollaston Foundry Co., Wollaston, Mass.

2190— Castings (Settee)

National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.

2190a— Castings (Ship)

Anniston Electric Steel Corp., Anniston, Ala.
Atlantic Steel Castings Co., Chester, Pa.
Baker Iron Wks., 912 N Broadway, Los Angeles, Cal.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
Riley, John F., Foundry & Mach. Co., Charleston, S. C.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

2191—*Castings (Sidewalk & Vault Light)

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

2191a— Castings (Silver)

Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Owren Casting Co., Attleboro, Mass.

2191b—*Castings (Stamp Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

Castings (Steam Fitters')

See Fittings, Various Kinds

2192— Castings (Steel)

This List is Duplicated under Head of Machinists & Founders

ALABAMA.

ALABAMA CITY—Gulf States Steel Co.
MOBILE—Home Industry Iron Wks.
WOODWARD—Woodward Iron Co.

CALIFORNIA.

LOS ANGELES—Llewellyn Iron Wks., 1200H Main
Los Angeles Foundry Co., 2444H Alameda
Warman Steel Casting Co., Box 608
OAKLAND—Best C. L. Gas Traction Co.
PITTSBURG—Columbia Steel Co. (See San Francisco)
REDONDO BEACH—Warman Steel Casting Co.
SAN FRANCISCO—Alaska Treadwell Gold Mining Co.
Columbia Steel Co. (Acid & Basic Open Hearth), 503 Market. (Works: Pittsburg, Cal.)
Enterprise Foundry Co. (Open Hearth & Electric), 20 Steuart
Judson Mfg. Co., 819 Folsom
Stroh Steel Hardening Process Co., Hobart bldg.
Union Iron Works Co. (Tropenas, for Co.'s Own Use), 20th & Michigan
STOCKTON—Samson Iron Works (Crucible)
TORRANCE—Union Tool Co.

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer & Open Hearth, for Company's Own Use)

CONNECTICUT.

BRANFORD—Malleable Iron Fittings Co. (Low Carbon & Tropenas)
COLLINSVILLE—Collins Co. (Crucible, All Consumed by the Company)
HARTFORD—Conecticut Electric Steel Co.
NEW HAVEN—Penn Seaboard Steel Corp. (See Phila., Pa.)

DELAWARE.

NEW CASTLE—American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), Main Office: Chicago, Ill.
Brylgon Steel Casting Co (Manganese Steel, Gear Blanks, Motor Frames, Connecting Rods, Crankshafts, Governor Arms)
Deemer Steel Casting Co (1 to 10,000 lbs)
Penn Seaboard Steel Corp. (See Phila., Pa.)
WILMINGTON—Lobdell Car Wheel Co. (Open Hearth, 1 lb. to 10 tons)

DISTRICT OF COLUMBIA.

WASHINGTON—Firth-Sterling Steel Co., Giesboro Point
Naval Gun Factory, New Navy bldg. (Tropenas)

GEORGIA.

ATLANTA—American Machine & Mfg. Co.

ILLINOIS.

BRADLEY — Bradley David Machine Works
CHICAGO—American Steel Foundries (Open Hearth Up to Any Weight), McCormick bldg
Buchanan Electric Steel Co., 80 E Jackson bl (Works: Buchanan, Mich.)
Burnside Steel Co., Railway Exch.
Chicago Malleable Castings Co., 120th & Racine av
Chicago Steel Foundry Co. (High Manganese & High Carbon Crucible; also Magnetic for Electrical Purposes), 3701 S Kedzie av
LINK-BELT COMPANY (Zenzes Converteo), 300 W 39th
See adv index at end of book
National Car Coupler Co. (Acid Open Hearth, Up to 20 Tons), 332 S Michigan av. Works: Attica, Ind.
Pettibone, Mulliken & Co., 140 S Dearborn
Railway Steel Spring Co., 108th & Watt av
Western Steel Car & Foundry Co. (Basic Open Hearth Car & Railroad), People's Gas bldg.
EAST ST. LOUIS—American Steel Foundries (Crucible, Acid Open Hearth, Up to Any Weight). Main Office: Chicago, Ill.
GRANITE CITY—American Steel Foundries (Acid, Open Hearth & Crucible, Up to Any Weight). Main Office: Chicago, Ill.)
Commonwealth Steel Co. (Basic Open Hearth). Office: St. Louis
JOLIET—Illinois Steel Co. (See Chicago, Ill.)
MELROSE PARK—National Malleable Castings Co. (See Cleveland, O.)

INDIANA.

ATTICA—National Car Coupler Co. (See Chicago, Ill.)
EAST CHICAGO—Hubbard Steel Foundry Co.
EVANSVILLE—Evansville Tool Works
FORT WAYNE—Brass Foundry & Machine Co.
HUNTINGTON—Huntington Steel Foundry Co.
INDIANA HARBOR—American Steel Foundries (Acid, Open Hearth, Car, Locomotive & Other Steel Castings). Office: Chicago, Ill.
Inland Steel Co. (See Chicago)
LAWRENCEBURG—Cook Aug. D.
MICHIGAN CITY—Haskell & Barker Car Co.
MONTPELIER—National Steel Casting Co. (Acid & Basic Open Hearth Car Couplers, Knuckles & General Castings)
MUNCIE—Muncie Malleable Castings Co. ("Muncie Crown," for Automobiles, Pneumatic Tools, Gas Engines, etc)
Whitely Steel Co. (High Grade, Small)
SOUTH BEND—Oliver Chilled Plow Works (Crucible, all Consumed in Their Works)
South Bend Chilled Plow Co.
TERRE HAUTE—Inland Malleable Iron & Steel Co.

IOWA.

BETTENDORF—Bettendorf Co. (Basic Open Hearth)
Zimmerman Steel Co.
CHARLES CITY—Hart-Parr Co.
NEWTON—Parsons Co. (Crucible & Manganese)

LOUISIANA.

MANSFIELD—De Soto Foundry & Machine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Whitney Iron Works Co., 849 Tehoupitoulas

MAINE.

BATH—Watson, Frye Co. Ltd. (Crucible)

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So. Charles & Wells
ELLICOTT MACHINE CORP., 1111 Bush. *See adv index at end of book*
ELKTON—Powers James F. Foundry Co
SPARROW POINT—Maryland Steel Co.

MASSACHUSETTS.

BOSTON—Eastern Steel Casting Co. (Crucible), 30 Kemble
Livermore Homer F. Inc., 85 Pearl
CHELSEA—Connolly Steel Casting Co.
MILLBURY—Millbury Steel Foundry Co. (Crucible, 1 to 1000 lbs)

MICHIGAN.

ADRIAN—Adrian Steel Casting Co. (Crucible Steel for Light Machinery a Specialty)
BUCHANAN—Buchanan Electric Steel Co. (See Chicago, Ill.)
DETROIT—Buhl Malleable Co., Wight & Adair
Detroit Steel Casting Co. (Acid Open Hearth & Converter, from 1 oz. to 20 tons), 4069H Michigan
Michigan Steel Casting Co., 248 Guoin
Monarch Steel Castings Co. (Acid Open Hearth), Solway & Wab. R. R.
Swedish Crucible Steel Co. ("Pyro" Crucible), Butler & Grand Trunk R. R.
KALAMAZOO—Reed Foundry & Machine Co. (Crucible for Automobiles, Machinery, etc.)
MONROE—Monroe Steel Castings Co. (Crucible Up to 10,000 lbs.)
MUSKEGON—West Michigan Steel Fdry Co.
NORTHVILLE—American Bell & Foundry Co.
SAGINAW—Fair S. & Son (Crucible)

MINNESOTA.

MINNEAPOLIS—Minneapolis Elec. Steel Castings Co., 38th av N E & 5th
Twin City Rapid Transit Co. (For Own Use Only), 11th & Hennepin av
Western Crucible Steel Casting Co., 2843 Pleasant av
ST. PAUL—American Hoist & Derrick Co.
Twin City Lines (For Own Use Only)

MISSOURI.

ST. LOUIS—American Pulverizer Co., 1729 Austin
American Steel Foundries (Acid Open Hearth & Crucible Up to Any Weight), Main Office, Chicago, Ill.
Commonwealth Steel Co. (Basic Open Hearth), Pierce bldg. Works: Granite City, Ill.
St. Louis Car Co. (Car), 8000 N. B'way.
St. Louis Steel Foundry (5 to 10,000 lbs.), Hamburg & Kienlen av
Scullin Steel Co. (Basic Open Hearth, up to 60,000 lbs.), 6700 Manchester av
Warren Steel Casting Co. (Crucible from 1 lb. up to 1,000), 3400H Maury
WEBB CITY—Webb City & Carterville Foundry & Machine Works

NEW JERSEY.

BAYONNE—Bayonne Steel Casting Co. Carbon, Crucible, Nickel, Vanadium, etc.) (Converter & Electric Furnace)
Bayonne Steel Casting Co. (Open Hearth & Converter)
BURLINGTON—Devlin Thomas Mfg. Co. (See Phila, Pa.)
CHROME—Chrome Steel Works (Acid & Basic Open Hearth & Crucible)
HOBOKEN—Union Iron Works
MAHWAH—American Brake Shoe & Foundry Co. (Works: New Castle, Del., & Chicago, Ill.)
KEARNY—Riverside Steel Casting Co. (Crucible, 1 to 2000 lbs.)
NEWARK—Hewitt Steel Corp.
TRENTON—Trenton Malleable Iron Co.

NEW YORK.

BUFFALO—Acme Steel & Malleable Iron Wks., 245 Military Rd
Atlas Steel Casting Co. (Acid Open Hearth up to 30,000 lbs.)
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av. *See adv index at end of book*
Jewell Steel & Malleable Co. (Carbon)
Pratt & Letchworth Co. (Acid Open Hearth)
STRONG STEEL FOUNDRY CO. (Acid Open Hearth, Any Weight Up to 20,000 lbs., For Any Purpose)
Taylor W. P. Co., Ellicott sq
DEPEW—Gould Coupler Co. (Basic Open Hearth)
WATERVLIET—Adirondack Steel Foundries Co.

NEW YORK CITY.

BROOKLYN—U. S. Navy Yard (For Own Use Only)
American Bridge Co. (Acid & Basic Open Hearth), 19 W 44th, New York

Boroughs of Manhattan and Bronx.

American Steel Foundries (Acid Open Hearth, Crucible up to Any Weight), Hudson Terminal bldg
Gould Coupler Co. (Basic Open Hearth), 30 E 42nd. Works: Depew, N. Y.
Johnson Isaac G. & Co. (Acid Open Hearth, Tropenas, Steel Castings & Special Electric Metal of High Permeability), Spuyten Duyvil
Lasker & Minck, 220 B'way
Newport News Shipbuilding & Dry Dock Co. (Tropenas), 233 Broadway, Works: Newport News, Va.
S. E. T. Valve & Hydrant Co., Inc., 56 Church

Borough of Queens.

LONG ISLAND CITY—Steinway & Sons

(End of New York City)

OHIO.

AKRON—**ADAMSON MACHINE CO.**
See adv index at end of book
Atlantic Foundry Co., Akron, O.
ALLIANCE—American Steel Foundries (Acid Open Hearth & Crucible, up to any weight), Main Office, Chicago, Ill.
Machined Steel Castings Co.
Morgan Engineering Co. (Open Hearth)
BELLAIRE—Carnegie Steel Co. (Office: Pittsburgh, Pa.)
CANTON—Canton Steel Foundry
CINCINNATI—Cincinnati Steel Castings, Queen City & Springgrove avs
CLEVELAND—American Steel & Wire Co. (Acid and Basic Open Hearth, for the company's own use), Western Reserve bldg
See adv index at end of book
Cleveland Steel Casting Co. (Acid Open Hearth, Heavy)
Crucible Steel Casting Co.
National Malleable Castings Co. (Open Hearth & Electric), 7706 Platt av S. E.
Otis Steel Co., Leader News bldg
Standard Steel Castings Co. (From 1 to 100 lbs), 3311 W 73d
WELLMAN-SEAVER-MORGAN CO. (Basic Open Hearth)
See adv index at end of book
West Steel Casting Co., 805 E. 70th
COLUMBUS—Bonney-Floyd Co. (Open Hearth, Converter & Electric Manganese & Various Carbon & Alloy Steels)
Buckeye Steel Castings Co. (Cast Steel Railroad Specialties Only)
Columbia Steel Co., 10th & Johnson, Portland, Ore.
Ohio Malleable Iron Co., 961 N Fourth
DAYTON—Dayton Steel Foundry Co. (Electric)
Joyce-Cridland Co. (The)
See adv index at end of book
LIMA—Ohio Steel Foundry Co. (Acid & Open Hearth, Converter, Electric & Vanadium)
LORAIN—National Tube Co.
Chalmers Mfg. Co.
MARION—Commercial Steel Casting Co. (The) (Open Hearth)
See adv index at end of book

Commercial Steel Casting Company

Open Hearth Steel Castings

MARION, OHIO

Real steel foundry service backed by unexcelled shipping facilities

MASSILLON—Massillon Steel Casting Co.
MIDDLETOWN — American Rolling Mill Co.
MONTPELIER—Wingert Foundry & Furnace Co.
SANDUSKY—Farrell-Cheek Steel Foundry Co. (Up to 20,000 lbs.)
STEUBENVILLE—La Belle Iron Works (Basic Open Hearth, General Mill Castings)
TOLEDO—Toledo Steel Casting Co.
WARREN—Alloy Electric Steel Casting Co.
WELLSVILLE—Menough Foundry Co.

OREGON.

PORTLAND—Columbia Steel Co. (See San Francisco, Cal.)

PENNSYLVANIA.

AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Acid Open Hearth)
BRACKENBRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)
BRADDOCK — Braddock Manufacturing Co.
Sterling Steel Foundry Co. (Acid Open Hearth)
BURNHAM—Standard Steel Works Co. (See Phila., Pa.)
CHESTER — American Steel Foundries (Acid Open Hearth & Crucible up to any Weight). Main Office: Chicago, Ill.
Atlantic Steel Casting Co. (Open Hearth Steel up to 300 lbs.)
Chester Steel Castings Co. (Open Hearth, any weight up to 60,000 Pounds). Office: Phila., Pa.
Federal Steel Foundry Co. (Acid Open Hearth for Machinery, Engines, Ships, Locomotives, etc)
Penn Seaboard Steel Corp. (See Phila.), *See adv index at end of book*
Seaboard Steel Casting Co.
CORAOPOLIS—Duquesne Steel Foundry Co. (See Pittsburgh)
CRUM LYNNE—Eagan-Rogers Steel & Iron Co. (Converter, up to 200 lbs)
EASTON—Kuebler Foundries
Treadwell Engineering Co. (Electric Furnace)
See adv index at end of book

TREADWELL ENGINEERING CO

"ELECTRIC FURNACE" STEEL CASTINGS

Any Carbon or Alloy.

EASTON PA.

WHARTON WM. JR. & CO., INC.
ERIE—National Fdry. Co. (Acid Open Hearth, Railroad Machinery & Castings)
FRANKLIN — American Steel Foundries (Acid Open Hearth & Crucible, up to any Weight). Main Office: Chicago, Ill.
GLASSPORT—Pittsburgh Steel Foundry Co. (Acid Open Hearth, up to 60,000 lbs). Office: Pittsburgh, Pa.
GROVETON—Lewis Foundry & Machine Co. (See Pittsburgh, Pa.)
HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)
Mesta Machine Co.
JOHNSTOWN—Cambria Steel Co. (Open Hearth), Main office, Phila., Pa.
Lorain Steel Co.
LANCASTER—Carbon Steel Casting Co. (Annealed)
LANSDOWNE—Crucible Steel Casting Co. (Crucible Automobile & Machy. Castings, 1 to 2,000 lbs)
LEBANON—**LEBANON GEAR & MACHINE WORKS**, 17th & Forge
See adv index at end of book
Lebanon Steel Foundry (High Carbon Crucible)
McKEESPORT—Firth-Sterling Steel Co.
Fort Pitt Steel Casting Co. (Small Castings)
McKEES ROCKS—Fort Pitt Malleable Iron Co. (Miscellaneous Open Hearth)
Pressed Steel Car Co. (See Pittsburgh, Pa.)
MEADVILLE—Phoenix Iron Works Co., Yost Mfg. Co.
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Medium & Large)
NEW BRIGHTON — Damascus Crucible Steel Casting Co. (Crucible)
NEWCASTLE—**PENN SEABOARD STEEL CORP.**
See adv index at end of book
NEW KENSINGTON—Union Spring & Mfg. Co.
PHILADELPHIA—American Bridge Co., Widener bldg
Chester Steel Castings Co. (Acid Open Hearth & Cementation Steel Castings), 407 Sansom
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball
Devlin Thos. Mfg. Co., Lehigh & 3rd. (Works: Burlington, N. J.)
Flagg Stanley G. & Co., Morris bldg. (Works: Pottstown)
LINK-BELT COMPANY, Hunting Park av & P. & R. Ry
See adv index at end of book
Morris I. P. Co., Richmond & Norris
Penn Seaboard Steel Co. (Heavy up to 50 Tons. Open Hearth Engines, Fittings, etc.), Franklin Bk. bldg
PHILADELPHIA ROLL & MACHINE CO., 25th & Washington av
Phoenix Iron Co. (Open Hearth, for Self-Consumption), (22 S 15th. Works: Phoenixville, Pa.
Standard Steel Works Co. (Acid Open Hearth), Morris bldg. Works: Burnham, Pa.
Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.
PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)
PITTSBURGH—Allegheny Steel Co. (Small Basic Open Hearth), Oliver bldg. Works: Brackenridge, Pa.
American Bridge Co., Frick bldg
American Sheet & Tin Plate Co. (All consumed by the company), Frick bldg
American Steel Foundries (Open Hearth, up to Any Weight), Main Office: Chicago, Ill.
Duquesne Steel Foundry Co. (Acid Open Hearth & Tropenas), Arrott bldg. Works: Corapolis, Pa.
Edgewater Steel Co. (Cast), Edgewater Station & A. V. R. R.
Garrison A Foundry Co., 901 Bingham
Keystone Bronze Co., 39th & A. V. R. R.
See adv index at end of book
Mackintosh-Hemphill Co., 12th & Etna
See adv index at end of book
McConway & Torley Co. (Acid Open Hearth), 48th & A. V. R. R.
Mesta Machine Co.
See adv index at end of book

Steel Castings

Acid Open Hearth Carbon Steel or Alloy Steel

Mesta Machine Company

Pittsburgh, Pa., U. S. A.

Pittsburgh Iron & Steel Foundries Co., Oliver bldg
Pittsburgh Steel Foundry Co. (Acid & Basic Open Hearth up to 60,000 lbs.), 1115H Empire bldg, Works Glassport, Pa.
Pressed Steel Car Co. (Basic Open Hearth, Car & Railroad, Electric), 307 5th av. Works: McKees Rocks, Pa.
Reliance Steel Casting Co. (Up to 20 Tons), 28th & Smallman
Stroh Steel Hardening Process Co., Dept H, Westinghouse bldg
Union Steel Casting Co. (Acid Open Hearth)
United Engineering & Foundry Co. (Acid Open Hearth, All Weights), Farmers Bk. bldg
Verona Steel Castings Co.
POTTSTOWN—Bramcote Foundry & Machine Co.
Flagg Stanley G. & Co. (See Phila.)
READING—Reading Steel Casting Co. (Converter & Open Hearth)

PENNSYLVANIA—continued
SHARON—American Steel Foundries (Acid Open Hearth & Crucible up to Any Weight). Main Office, Chicago, Ill.
National Malleable Castings Co. (Open Hearth). (Office, Cleveland, O.)
SOUTH BETHLEHEM—Bethlehem Steel Co.
SWISSVALE—Union Switch & Signal Co (Mild Steel)
TEMPLE—Temple Malleable Iron & Steel Co. (Office, Phila., Pa.)
VANDERGRIFT—United Engineering & Fdry Co. (See Pittsburgh, Pa.)
VERONA—Verona Steel Castings Co.
WHEATLAND — Sharon Foundry Co. (Acid Open Hearth)
WILKES-BARRE — Vulcan Iron Works (Open Hearth)

RHODE ISLAND.

HILLSGROVE—Rhode Island Malleable Iron Works

SOUTH CAROLINA.

GREENVILLE—Am. Machine & Mfg. Co.

TENNESSEE.

CHATTANOOGA—American Brake Shoe & Foundry Co.
Walsh & Weidner Boiler Co

TEXAS.

EL PASO—El Paso Foundry & Machine Co.
LONGVIEW—Kelly G. A. Plow Co.

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Tropenas & Electric). Office: New York
ROANOKE—Roanoke Iron Works Inc.

WASHINGTON.

HOQUIAM—Gray's Harbor Iron &.Steel Co
SPOKANE—Armstrong Machinery Co.
See adv index at end of book
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

WHEELING—National Tube Co. (See Pittsburgh, Pa.)
Wheeling Mold & Foundry Co. (Acid Open Hearth)
Wheeling Steel Casting Co.
Whitaker-Glessner Co. (Basic Open Hearth for Own Use)

WISCONSIN.

FORT ATKINSON — Creamery Package Mfg. Co.
MILWAUKEE—Bay View Steel Casting Co., 132 So Bay
Chain Belt Co. (Crucible),
Crucible Steel Casting Co. (Crucible, up to 1,200 lbs.), 612 Clinton
Electric Steel Castings Co. (Electric), 64th and R. R.
FALK CORP. (Acid Open Hearth up to 100,000 lbs.), Ft. 30th
See adv index at end of book
Maynard Steel Foundry Co. (Crucible), 716 Reed
Milwaukee Steel Foundry Co. (Special Converter Steel Castings), 101 S Water
Modern Steel Casting Co.
National Steel Foundries (Acid Open Hearth, up to 40,000 lbs.), Belleview pl and Larkin
Sivyer Steel Casting Co. (Electric),
Smith Geo. H., Steel Casting Co. (Converter and Open Hearth), 500 Clinton
Standard Crucible Steel Casting Co., 719 30th
Wehr Steel Co., 45th and Gordon av, Milwaukee, Wis.
RACINE—Belle City Malleable Iron Co.
Racine Steel Castings Co.
SOUTH MILWAUKEE—Bucyrus Co. (Basic Open Hearth)
WEST ALLIS—Gerlinger Steel Casting Co. (Crucible for Auto, Electric Mining Machinery, etc.)
Wehr Steel Co. (Crucible)

Castings (Stone Crusher)

See Castings, Rock Crusher

2192a— Castings (Stove)

Malleable Iron Range Co., Beaver Dam, Wis.

2193— Castings (Sugar House)

See also Castings, Chemical

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Pettis W. W. Co., 416 First Natl. Bank bldg, Cincinnati, Ohio
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2193a— Castings (Tractor)

Ferro Machine & Fdy. Co. (Gray Iron),
Jewell Steel & Malleable Co., Buffalo, N. Y.
Michigan Steel Casting Co., 248 Guoin, Detroit, Mich.
Pettis W. W. Co., 416 First Natl. Bank bldg, Cincinnati, Ohio

2194— Castings (Tubal Bronze)

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

2195—*Castings (Vacuum Pan)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2195a— *Castings (Valve)

Strong Steel Foundry Co. (Steel), Buffalo, N. Y.

2196—Castings (Vanadium Bronze)

Brown Bros., Stamford, Conn.
See adv index at end of book
Highton Wm. & Sons Co., Nashua, N. H.
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.

2197—Castings (Vanadium Iron)

Barker Jas., 6th & Cayuga, Phila., Pa.
Capitol Foundry Co. (Specialties, Auto Cylinder, Marine & Gas & Gasoline Motor Castings), Hartford, Conn.
Dixon H. L. Co. (Specialty Glass Bottle Molds), Rosslyn rd, Pittsburgh, Pa.
Du Bois Foundry Co. (Specialties, Piston Rings & Small Cylinders), Cold Spring, N. Y.
Early W. J. & Sons (Ltd.) (Glass Molds a Specialty), 812 Sarah, Pittsburgh, Pa.
Kelly Nicholas & Son (Glass Molds a Specialty), 1704 Wharton, Pittsburgh, Pa.
Manufacturers Foundry Co. (Specialty Auto Cylinders), Waterbury, Conn.
Perkins Henry Co. (Specialty Auto & Motor Cycle Cylinders), Bridgewater, Mass.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
Waterbury Castings Co., Waterbury, Conn.
Weller Hdware & Fdry. Co., Horseheads, N. Y.
Zahniser Bros. & Sten (Specialty Glass Molds), Washington, Pa.

2198—Castings (Vanadium Metal)

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

2199—Castings (Vanadium Steel)

See also firms in Castings, Steel, with the word Vanadium following their names
American Steel Foundries (Open Hearth Locomotive & Marine, Mill & Engine Castings, Rolls, Gears & Pinions), McCormick bldg, Chicago, Ill.
Bonney-Floyd Co., Columbus, O.
Bryigon Steel Casting Co. (Tropenas Converter), New Castle, Del.
Chain Belt Co., Milwaukee, Wis.
Cincinnati Steel Castings Co. (Tropenas Converter), Queen City & Spring Grove avs, Cincinnati, O.
Crucible Steel Castings Co. (Crucible), Lansdowne, Pa.
Damascus Crucible Steel Casting Co. (Crucible), New Brighton, Pa.
Farrell-Cheek Steel Foundry Co. (Tropenas), Sandusky, O.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.
MESTA MACHINE CO. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Millbury Steel Foundry Co. (Crucible), Millbury, Mass.
Minneapolis Electric Steel Castings Co., 38th av N E & 5th, Minneapolis, Minn.
Ohio Steel Foundry Co. (Locomotive, Steel Rolls, Gears, Pinions, Mill & Engine Castings), Lima, O.
Parsons Co., Newton, Iowa
Penn Seaboard Steel Corp, Franklin Bank bldg., Phila., Pa.
Pittsburgh Steel Foundry Co., 1115H Empire bldg, Pittsburgh, Pa.
Pratt & Letchworth Co. (Open Hearth Steel Rolls, Gears, Pinions, Mill & Engine Castings), Buffalo, N. Y.
Reading Steel Casting Co. (Tropenas Converter), Reading, Pa.
Riverside Steel Casting Co. (Crucible), Kearny, N. J.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
Smith Geo H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.
Union Spring & Mfg. Co., New Kensington, Pa.
Union Steel Casting Co. (Open Hearth Steel, Rolls, Gears, Pinions, Mill & Engine Castings), Pittsburgh, Pa.
Warren Steel Casting Co., 3400H Maury, St. Louis, Mo.
West Steel Casting Co. (Crucible & Tropenas Converter), 805 E 70th, Cleveland, O.
Wheeling Mold & Foundry Co. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Wheeling, W. Va.

2199a— Castings (Water Works)

See also Cast Iron Pipe Mfrs., Gas & Water; also Valves, Gate for Water Mains; also Covers, Manhole
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.

2200— Castings (White Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
American Bearing & Die Casting Corp., 212 W McCarthy, Indianapolis, Ind.
Atlas Brass Foundry Co., The, Columbus Ohio *See adv index at end of book*
Bronzbraswyt Metals Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Brown Bros., Stamford, Conn.
See adv index at end of book

BURNS-CROFT CO.

2239 Herndon, Chicago, Ill.
See adv index at end of book
Capital Brass Works, 596 Franklin, Detroit, Mich.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, E Detroit, Mich.
DIE CASTING CO. OF OHIO (THE), Toledo, Ohio *See adv index at end of book*
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Franklin Die-Casting Corp., Gifford & Magnolia, Syracuse, N. Y.
Grote F. Mfg. Co., Evansville, Ind.
Hackett Brass Foundry, 242 Lillibridge, Detroit, Mich.
Highton Wm. & Sons Co. ("Parsons," White Bronze), Nashua, N. H.
Iroquois Foundries, Inc., 474 Genesee, Utica, N. Y.
Kokomo Brass Works, Kokomo, Ind.
Krouse W. E. & Bro., Bridgeport, Conn.
Legler-Eilerman Co., Dayton, O.
Light Mfg. & Foundry Co., Pottstown, Pa.
Los Angels Foundry Co., 2444H Alameda, Los Angeles Cal.
LUNKENHEIMER CO. Executive Offices and Factories, Beekman & Waverly, Cincinnati *See adv index at end of book*
Marion Machine Foundry & Supply Co., Marion, Ind.
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
Monumental Bronze Co. (Ornamental White Bronze), Bridgeport, Conn.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Mosser W. F. & Son (Iron), Allentown, Pa.
Nat'l Smelting Corp., 554 Bryant, San Francisco, Cal.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Pevey Foundry Co., Lowell, Mass.
Pioneer Brass Works, Indianapolis, Ind.
Precision Castings Co., Inc., Syracuse, N. Y.
Providence Brass & Aluminum Foundry, 460 Eddy, Providence, R. I.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Reynolds Gardner W., Meriden, Conn.
Riley, John F. Foundry & Mach. Co., Charleston, S. C.
Rock Island Metal Foundry, 505 41st Rock Island, Ill.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Victoria Metal Co., Erie, Pa.

2201— Castings (Zinc)

Anderson A. H., 1213 Fulton, Chicago, Ill.
Atlas Brass Works, 612 Bryant, San Francisco, Cal.
Brown Bros., Stamford, Conn.
See adv index at end of book

BURNS-CROFT CO.

See adv index at end of book
Chatham Die Casting Co., 128 Mott, New York
DIE CASTING CO. OF OHIO (THE), Toledo, Ohio

Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Magnis Co., Inc., 860 N Main, Los Angeles, Cal.
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Precision Castings Co., Inc., Syracuse, N. Y.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
San Diego Machine Co., San Diego, Cal.

2201a— *Castors (Plate Mill)

Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

2201b— Castors (Veneer Press)

Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

2202— Cat-Gut (Surgical)

Cragin Calhoun (Imp. & Selling Agent) 149 B'way, New York
Davis & Geck, 221 Duffield, Brooklyn, N. Y.
Johnson & Johnson, New Brunswick, N. J.
Wilson Thos. E. & Co., 701 N Sangamon, Chicago, Ill.

2203—Catalogues (General Hardware)

Woodward-Tiernan Printing Co., 309 N 3rd, St. Louis, Mo.

Catch Basins & Covers

See Basins, Catch; also Inlets, Sewers

2203a— *Catchalls

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*

2204— Catchers (Fly)

Dejonge Louis & Co. ("Pyramid"), 71 Duane, New York
Seibert H. E. ("Seibert" Poison Tin), 475 Broadway, St. Paul, Minn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

2205— Catchers (Grass)

American Mfg. Co., Columbus, O.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Excelsior Bag & Mfg. Co., Troy, N. Y.
F. & N. Lawn Mower Co. ("Simplex" & "Chief"), Richmond, Ind.
Granite State Mowing Machine Co., Hinsdale, N. H.
Hasseries Carl ("The Leader," "Bieder"), Broadway & E 55th, Cleveland, O.
Krause R. F. ("Ideal," "Victor," "Boomer" Metal), Zion City, Ill.
Perfection Mfg. Co., 2701 Montclair, St. Louis, Mo.
Philadelphia Lawn Mower Co. ("Philadelphia"), 3101 Chestnut, Phila, Pa.
Specialty Mfg. Co. ("Leader," "Easy Emptying," "Detachable"), 2362 University av, St. Paul
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Textile Products Mfg. Co., Park av & Dolman, St. Louis, Mo.
Whitaker Mfg. Co., 409 Green, Chicago, Ill.
Worcester Lawn Mower Co. ("Worcester"), Worcester, Mass.

2206— Catchers (Potato Bug)

Stevens Mfg. & Foundry Co., Decatur, Ill.

2207—Catchers & Retrievers (Trolley)

Dayton Fare Recorder Co., Dayton, O.
Earll Chas. I. (Catchers), 11 B'way, New York
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Trolley Supply Co. ("Ideal," "Knutson"), Canton, O.
Wilson & Co. (Sole Mfrs. of the "Wilson"), 108 N 6th, Brooklyn, N. Y.
Wood Chas. N. Co., 294H Washington, Boston, Mass.

2208—Catches (Baskets & Box, Fancy)

LUDWIG A. & CO. (Box,) 75 Spring, New York

2208a— *Catches (Blind)

Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

2209—Catches (Cupboard, Screen Door, Etc.)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Automatic Door Catch Co. ("Perfect" & Automatic Screen Door), Harvey, Ill.
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Burgess & Norton Mfg. Co. ("Bur-Nor," "American" Screen Door Catches), Geneva, Ill.
Champion Hardware Co. (Also Elbow), Geneva, O.
Corbin P. F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Diehl Novelty Co. ("Diehl" Screen Door), Glenbeulah, Wis.
Dunn Mfg. Co., Mankato, Minn.
Ellis Mfg. Co., Milldale, Conn.
Forg Peter Mfg. Co., Somerville, Mass.
Frost C. L. & Son, Grand Rapids, Mich.
Gaynor Mfg. Co., Bridgeport, Conn.
GRAND RAPIDS BRASS CO. (Kitchen Cabinet Catches Only), Grand Rapids, Mich. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Hardware Supply Co. ("Frost's"), Grand Rapids, Mich.
Lawrence Bros. (General), Sterling, Ill.
McKinney Mfg. Co. (Door-Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
Miller J. W. Co., Lancaster, Pa.
National Lock Co. (Cabinet), Rockford, Ill.
Payson Mfg. Co. (Cupboard), 2918 W Jackson blvd, Chicago, Ill.
Peck C. A. Hardware Co., Berlin, Wis.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co. (Barn), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Schofield & Co., Freeport, Ill.
Sharon Hardware Mfg. Co. ("Sharon," All Steel, also for Screen & Storm Doors), Sharon, Pa.
Shelby Spring Hinge Co. (Steel, Brass & Bronze, Polished), Shelby, O.
Stanley Works (Screen Door), New Britain, Conn. *See adv index at end of book*
Superior Door Catch Co., Superior, Wis.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Wagner Mfg. Co. ("Wagner," Wheel), Cedar Falls, Ia.
Watrous-Acme Mfg. Co. ("Watrous" with Positive Lock, Screen Door only), Des Moines, Ia.
Weber-Knapp Co. (For Phonograph Cabinets, Sideboards and all other Cabinets, etc), Jamestown, N. Y.
Western Brass Mfg. Works, Marshall blvd. & W 21st, Chicago, Ill.

Catches (Elbow)

See also Catches, Cupboard, Screen Door, etc.

2210— Catches (End Gate)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

2210a— *Catches (Pulp)

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*

2211—Catches (Safety, for Mine Hoists, Skips & Cages)

Plock A. F., Park bldg, Pittsburgh, Pa.

Catches (Screen Door)

See Catches, Cupboard, Screen Door, etc.

2212— Catches (Show Case)

Dent Hardware Co. (Spring), Fullerton, Pa.
Peck, Stow & Wilcox Co., 428 E 48th, New York
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

2213— Catches (Transom)

See Catches, Cupboard, Screen Door, etc.
Champion Hardware Co., Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

Catches (Window)

See Locks, Sash

2214 — Catenary Construction

Corbin P. F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Ohio Brass Co., The (Materials For), Mansfield, Ohio

2215— Cathetometers

Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.

2215a— Cathodes (Gold)

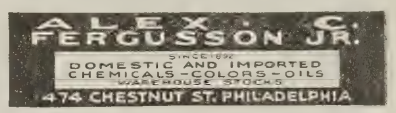
Baker & Co., 54 Austin, Newark, N. J.

2215b— Cathodes (Platinum)

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co., Platinum Wks., Malvern, Pa.

2216— Caustic Soda

Adams Fred C. Co., 118 S La Salle, Chicago, Ill.
American Chemical Co. (Powdered), 640 Carr, Cincinnati, O.
Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Babbitt B. F., Inc., 15 W 34th, New York
Breslauer A. (Solid & Ground; Industrial Chemicals), Am. Nat'l Bank bldg, San Francisco, Cal.
Champion Chemical Works, 19 W Austin, Chicago, Ill.
Clark Fred. G. Co. (For Wholesale Trade Only), 1081 W 11th, Cleveland, O.
Columbia Chemical Co., Frick bldg., Pittsburgh, Pa.
Diamond Alkali Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Dow Chemical Co. (76-78% solid), Midland, Mich.
Drackett P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Fergusson Bros., 109 Chestnut, Phila., Pa.
Fulper Edward B., Trenton, N. J.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin, Co., Elec. bldg., Cleveland, Ohio
Hill's Edward Sons & Co. (Agts. Mich. Alkali Co.), 64 Wall, New York
Hooker Electro Chemical Co., 40 Wall, New York. Works: Niagara Falls, N. Y.
Industrial Minerals Co., Inc., 525 Phelan bldg, San Francisco, Cal.
Innis Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Isco Chemical Co. ("Isco"), 46 Cliff, New York
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Mathieson Alkali Works ("Eagle" & "Thistle" Brands, 70, 72, 74 & 76 per cent.), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.
Michigan Alkali Co., Ford bldg, Detroit, Mich.
Michigan Electrochemical Co., Menominee, Mich.
Myers E. Lye Co., 3d & Clard, St. Louis, Mo.
Niagara Alkali Co., Niagara Falls, N. Y.
Niagara Smelting Corp., Niagara Falls, N. Y.
Partola Mfg. Co., 160 2nd av, New York
Penn Chemical Works (Powdered & Crushed), 1332 Washington av, Phila., Pa.
Penna Salt Mfg. Co., Widener bldg, Phila., Pa.
Republic Chemical Co. (Fused 76%), Neville Island, Pittsburgh, Pa.
Riker J. L. & D. S. (mfr's agents), 18 Cedar, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Rollin Chemical Corp., 120 B'way, New York
Sergeant E. M. Co., 15 E 26th, New York *See adv index at end of book*
Solvay Process Co., Syracuse, N. Y.
Van Brunt J. A. & Co. (Dirs), 114H John, New York
Vitro Manfg. Co., H. Bessemer bldg, Pittsburgh, Pa.
Warner Chemical Co. ("Nelson" Cell), 52H Vanderbilt av, New York
Wiarda Jno. C. & Co. (Also Caustic Lye, etc), 273 Greene, Brooklyn, N. Y.
Wing & Evans (Selling Agent), 22 William, New York
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

2217—*Causticizing Apparatus

ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y.
See adv index at end of book

2218—Ceilings (Marbleized Glass)

Denzi & Phillips, 24 Dey, New York
Mansfield & Co., 229 West, New York

2219-20—Ceilings (Sheet Steel)

American Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.
Berger Mfg. Co., Canton, O.

CASTINGS (SHEET STEEL)—continued
Bostwick C. G., Hartford, Conn.
Boston Metal Ceiling & Mfg. Co., 27 Haymarket sq., Boston, Mass.
Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
Burton W. J. Co., Junction & Leavitt avs, Detroit, Mich.
Canton Art Metal Co., Canton, O.
Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
Canton Steel Roofing Co., Canton, O.
Carter Sheet Metal Co., Omaha, Neb.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Delphos Mfg. Co. ("Nustyle"), First & Pierce, Delphos, O.
Dickelman Mfg. Co., Forest, Ohio.
Dominion Metal Products Co., Roanoke, Va.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co. ("Perfect-Fit"), Canton, O.
Falcon Steel Co., Niles, Ohio
Florida Metal Products Co., Jacksonville, Fla.
Foster Sheet Metal Co., Springfield, Ill.
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 819 Lincoln pl., Brooklyn, N. Y.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Hopson W. C. Co., Grand Rapids, Mich.
Indianapolis Corrugating Co., Indianapolis, Ind.
International Steel & Iron Co., Evansville, Ind.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Mesker Geo. L. & Co., Evansville, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co. ("Invisible Joint"), Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co., ("Nola"), Cortez & Orleans, New Orleans, La.
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
New York Metal Ceiling Co., 537-541 W 24th, New York
Newport Rolling Mill Co., Newport, Ky.
Norman W. F. Sheet Metal Mfg. Co. ("Hi-Art"), Nevada, Mo.
Northrop, Coburn & Dodge Co., 120 Liberty, New York
Orleans Steel Products Co. (Jobbers), 1021H Bienville, New Orleans, La.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
St. John & Barguist, Des Moines, Ia.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Schoedlinger F. O. ("Universal" "Lock Joint"), 326H Mt. Vernon, Columbus, Ohio
Seattle Metal Ceiling Co., Seattle, Wash.
Souther E. E. Iron Co., Kienlin & Hamburger av, St. Louis, Mo.
Steel Roofing & Stamping Works (W. F. Hansen, Prop.), Des Moines, Ia.
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Valley Cornice & Slate Co. (Ltd.), Saginaw, Mich.
Watson Jas. H. Co., Bradley, Ill.
Wheeling Metal & Mfg. Co. (Light Diffuser), Wheeling, W. Va.
Whitaker-Glessner Co., (Wheeling Corrugating Dept.), Wheeling, W. Va.

2221— *Celakap

Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co., Wilmington, Del.

2222—Cellar Drainers (Automatic)

See also Drains, Floor

Braender Bldg. & Constr. Co., 315 4th av, New York
Douds Frank C. & Co. (& Valve Controlled "Douds"), New Castle, Pa.
Dreher Ernest A. & Son, 142 Walnut, Newark, N. J.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Erwin & Co. ("Perfection"), 2736 Cottage Grove av, Chicago, Ill.
Hall Mfg. Co. (C. & A. Syphon), Harrison, N. J.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.
Lawler Regulator Co., 55 W Houston, New York
Newark Brass Works, 22 Lawrence, Newark, N. J.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Wieben John Co., 2055 Lexington av, New York

Cellar Drains

See also Drains (Cast Iron)

2223— Cellar Window Sets

Diehl Novelty Co., Glenbeulah, Wis.
Griffin Mfg. Co., Erie, Pa.
Ives H. B. Co., New Haven, Conn.
National Mfg. Co., Sterling, Ill.
Sharon Hardware Mfg. Co. (Wrought Steel Fixtures), Sharon, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

2224— Cellars (Cyclone)

Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.

2225— Cells (Electrolytic)

Bleach Process Co. (Circular), Dept. H, Appleton, Wis.
Braun Corp., 363 New High, Los Angeles, Cal.
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Electro Chemical Co., Dayton, O.
Electrolytic Engineering Corp'n, 501 5th av, New York
Electron Chemical Co., 120 Exchange, Portland, Me.
Hooker Electrochemical Co., 40 Wall, New York
Mathieson Alkali Works, Inc., Niagara Falls, N. Y.
Warner Chemical Co., 52 Vanderbilt av, New York

2226—Cells (Leaching or Diffusion Batteries)

Swenson Evaporator Co., 53 W Jackson blvd, Chicago, Ill.
ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

2227—Celluloid Fiberloid, Pyralin, Viscoloid & Xylonite

British-Xylonite Co. of N. Y., Inc. (Imp.), 1133 B'way, New York
Celluloid Co. (Celluloid), 36 Washington pl, New York
Fiberloid Corp. (Fiberloid), Indian Orchard, Mass.
Martin Auto Specialty Co. ("Martin"), Lancaster, Ohio
Viscoloid Co., Leominster, Mass.

2227a— Celluloid Specialties

Bachmann Bros., 609 Commerce, Phila., Pa.

2228— Celluloid (Transparent)

Landers Bros. Co., Toledo, O.

2228a— Cellulose Acetate

Chemical Products Co., 93 Broad, Boston, Mass.

2229-30— Cement Concrete Block Facing

Building Material Corp., 212H East av, Rochester, N. Y.
Ohio Marble Co. ("Pulva Alba"), Piqua, O.

Cement Dealers

See Masons' & Builders' Materials

2231-6 Cement Importers

Carolina Portland Cement Co., Charleston, S. C.
Fowler & McVitie, Galveston, Tex.
Grace W. R. & Co. (German & Belgian), 332 Pine, San Francisco, Cal.
Hammill & Gillespie, 240 Front, New York
Marquardt H. & Co. ("Stettiner S" & "Germania"), 35 S William, New York
Harrison Supply Co. ("Wonder," "Meyers," "Fix-All"; For stone works), 209 Washington, Boston, Mass.
Meyer Wilson & Co., 454 California, San Francisco, Cal.
Mosle H & Co., Galveston, Tex.
Parr Wm. & Co., Galveston, Tex.
Thiele E., 11 Cliff, New York
Waldo Bros. & Bond Co., 181 Congress, Boston, Mass.

Cement Importers (Keene's)

See Cements, Keene's Imported

2237— Cement Mfrs.

All firms under this heading, unless otherwise marked, manufacture "Portland" Cement. One Star (*) indicates Hydraulic or Natural Cement Manufacturers. Two Stars (**) indicate "Rosendale" Cement Manufacturers
Trade Names or titles of Identification follow Names of firms in all cases where we have been able to secure them
For Cement Dealers, See Masons' & Builders' Materials

ALABAMA.

BIRMINGHAM — *Southern Cement Co. ("Alabama" & "Magnolia" Brands)
Standard Portland Cement Co. ("Standard" Brand).
LEEDS—Standard Portland Cement Co. ("Standard" Brand)
RAGLAND—Coosa Portland Cement Co. ("Coosa" Brand), (See Phila., Pa.)

CALIFORNIA.

CEMENT—Pacific Portland Cement Co. ("Golden Gate"). (See San Francisco)
COLTON—California Portland Cement Co. ("Colton" Brand). (See Los Angeles)
COWELL—Cowell Portland Cement Co. (See San Francisco, Cal.)
DAVENPORT—Santa Cruz Portland Cement Co. (See San Francisco, Cal.)
HALLECK—Golden State Portland Cement Co. (See Los Angeles)
LOS ANGELES—California Portland Cement Co. ("Colton" Brand). Works: Colton, Cal.
*Golden State Portland Cement Co. (Portland)
NAPA JUNCTION—Standard Portland Cement Corp'n ("Standard" Brand). (See San Francisco)
RIVERSIDE—Riverside Portland Cement Co. (See San Francisco, Cal.)
SAN FRANCISCO—Cowell Portland Cement Co. ("Mt. Diabol" Brand), 2 Market. Works: Cowell, Cal.
Meyer Wilson & Co. (Importers), 485H Calif.
Old Mission Portland Cement Co., Mills bldg
Pacific Portland Cement Co. Cons'd ("Golden Gate" Brand), Pacific bldg.
Riverside Portland Cement Co. (("Riverside" Brand), Mills bldg. Works: Riverside, Cal.
Santa Cruz Portland Cement Co. ("Santa Cruz" Brand), Crocker bldg. Works: Davenport, Cal.
Standard Portland Cement Corp'n ("Standard" Brand), Crocker bldg

COLORADO.

CONCRETE—United States Portland Cement Co. (See Denver, Colo.)
DENVER—Colorado Portland Cement Co. ("Pike's Peak" & "Ideal" Brand). Works: Portland, Colo.
Three Folks Portland Cement Co. ("Red Devil" Brand)
United States Portland Cement Co. ("Concrete" Brand). Works: Concrete, Colo.
PORTLAND—Colorado Portland Cement Co. (See Denver, Colo.)

GEORGIA.

ROCKMART — Southern States Portland Cement Co. ("Southern States" Brand)

ILLINOIS.

CHICAGO—Chicago Portland Cement Co. ("Chicago AA" Brand), 31 N La Salle. Works: Oglesby, Ill.
De Smet Quartz Tile Co., 133 W Washington
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Marquette Cement Mfg. Co., 140 S Dearborn
Universal Portland Cement Co. ("Universal" Portland), 208 S La Salle. Works: So. Chicago, Ill.; Buffington, Ind., & Universal, Pa.
DIXON—Sandusky Cement Co. ("Medusa" Brand), (See Cleveland, O.)
LA SALLE—La Salle Portland Cement Co. ("Owl" Brand)
Marquette Cement Mfg. Co. ("Marquette" Brand)
OGLESBY—Lehigh Portland Cement Co. (See Allentown, Pa.)
UTICA—*Utica Hydraulic Cement Co.

INDIANA.

MITCHELL—Lehigh Portland Cement Co. ("Lehigh" Brand). (See Allentown, Pa.)
SELLERSBURG—Louisville Cement Co. (See Louisville, Ky.)
STROH—Wabash Portland Cement Co. ("Wabash" Brand). (See Detroit, Mich.)
SYRACUSE—Sandusky Cement Co. ("Medusa" Brand). (See Cleveland, O.)
VALPARAISO—Chicago Mica Co. (Transformer) *See adv index at end of book*

IOWA.

DES MOINES—Hawkeye Portland Cement Co. ("Hawkeye" Brand)
GILMORE CITY—Fort Dodge Portland Cement Corp. (See Fort Dodge, Ia.)
MASON CITY—Lehigh Portland Cement Co. (See Allentown, Pa.)
Northwestern States Portland Cement Co. ("Northwestern" Brand)

KANSAS.

BONNER SPRINGS—Bonner Portland Cement Co. ("Bonner" Brand)
CHANUTE—Ash Grove Lime & Portland Cement Co. ("Ash Grove" Brand) (See Kansas City, Mo.)
FORT SCOTT—*Fort Scott Hydraulic Cement Co. ("Four Star" Brand, Hydraulic)
FREDONIA—Fredonia Portland Cement Co. ("Fredonia" Brand)
HUMBOLDT—Monarch Cement Co.
INDEPENDENCE—United Kansas Portland Cement Co. (See Iola)
Western States Portland Cement Co. ("Cowboy" Brand)
MILDRED—Great Western Portland Cement Co. (See Kansas City, Mo.)

KENTUCKY.

KOSMOSDALE—Kosmos Portland Cement Co. ("Kosmos" Brand)
LOUISVILLE—Louisville Cement Co. ("Speed" "Louisville"), 315H Guthrie

MARYLAND.

BALTIMORE—Rockcastle Cement & Lime Co., Munsey bldg. Works: Pine Hill, Ky.
Tidewater-Portland Cement Co., Calvert bldg. Works: Union Bridge, Md.
CUMBERLAND—*Cumberland Hydraulic Cement & Mfg. Co. ("B. & H." Brand, Hydraulic)
Cumberland Portland Cement Co.
HAGERSTOWN—Security Cement & Lime Co. (Works: Security, Md.)
SECURITY—Security Cement & Lime Co. (See Hagerstown, Md.)
UNION BRIDGE—Tidewater-Portland Cement Co. (See Baltimore)

MICHIGAN.

ALPENA—Huron Portland Cement Co. (See Detroit, Mich.)
BELLEVUE—Burt Portland Cement Co. ("Burt" Brand)
CEMENT CITY—Peninsular Portland Cement Co. ("Peninsular" Brand)
CHELSEA—Michigan Portland Cement Co. ("Michigan" Brand)
COLDWATER—Wolverine Portland Cement Co. ("Wolverine" Brand)
DETROIT—Aetna Portland Cement Co ("Aetna"), Union Trust bldg.
Huron Portland Cement Co. ("Huron" Brand), Ford bldg. Works: Alpena, Mich.
New Egyptian Portland Cement Co., Penobscot bldg.
Wabash Portland Cement Co. ("Wabash" Brand), 1824 Ford. Works: Stroh, Ind.
Wyandotte Portland Cement Co. ("Wyandotte" Brand), Ford bldg. Works: Wyandotte, Mich. 1525 Ford bldg.
GRAND RAPIDS—Newaygo Portland Cement Co. ("Newaygo" & "Gibraltar" Brands)
CEMENT CITY—Peninsular Portland Cement Co. ("Peninsular" Brand)
NEWAYGO—Newaygo Portland Cement Co. ("Newaygo" & "Gibraltar" Brands) (See Grand Rapids, Mich.)
QUINCY—Wolverine Portland Cement Co. (See Coldwater, Mich.)
UNION CITY—Peerless Portland Cement Co. ("Peerless" Brand)
WYANDOTTE—Wyandotte Portland Cement Co. ("Wyandotte" Brand) (See Detroit, Mich.)

MINNESOTA.

MANKATO—Carney's Cement Co.
Fowler & Pay

MISSOURI.

CAPE GIRARDEAU—Cape Girardeau Portland Cement Co. ("Eagle" Brand)
KANSAS CITY—Ash Grove Lime & Portland Cement Co. ("Ash Grove" Brand), 7th fl Grand av Temple
Bonner Portland Cement Co. ("Bonner" Brand)
Dewey Portland Cement Co. ("Dewey" Brand), Scarritt bldg. Works: Dewey, Okla.
Great Western Portland Cement Co. ("G. W." Brand). Works: Mildred, Kan.
Lehigh Portland Cement Co., Commerce bldg.
ST. LOUIS—Continental Portland Cement Co. ("Continental" Portland), Arcade bldg
Glencol Lime & Cement Co., Dept. H, Syndicate Tr. bldg
Hunkins-Willis Lime & Cement Co. (Dlrs), Century bldg
Meramec Portland Cement & Material Co., Syndicate Trust bldg
Missouri Portland Cement Co. ("K. & C." & "Red Ring"), Post Dispatch bldg
Union Sand & Material Co. ("Red Ring" & "K. & C." Brands), International Life bldg

MONTANA.

TRIDENT—Three Forks Portland Cement Co. (See Denver, Colo.)

NEW JERSEY.

ALPHA—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
CAMDEN—Williams Mfg. Co. ("Cyameeze" Adhesive Acid Resisting, Fireproof, High temperature, Iron, Waterproof)
NEWARK—Bath Portland Cement Co., 31 Clinton. Works: Bath, Pa.
Hetzel J. G. (Est. of), 67 Main
STEWARTSVILLE—Edison Portland Cement Co. ("Edison" Brand)
VULCANITE—(P. O. at Phillipsburg)—Vulcanite Portland Cement Co.; Main Office: Phila., Pa.

NEW YORK.

ALBANY—Helderberg Cement Co. ("Helderberg" Brand). Works: Howes Cave, N. Y.
ALSEN—Alsen's American Portland Cement Works ("Alsen" Brand). (See N. Y. City)
BINGHAMTON—Atlas Coal & Supply Co.
CATSKILL—Acme Cement Corp.
CEMENTON—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
Catskill Cement Co.
GLENS FALLS—Glens Falls Portland Cement Co. ("Iron Clad" Brand)
HOWES CAVE—Helderberg Cement Co. ("Helderberg" Brand), (See Albany, N. Y.)
HUDSON—Atlas Portland Cement Co. ("Atlas"). (See New York City)
Knickerbocker Portland Cement Company, Inc. (See N. Y. C.)
ITHACA—Cayuga Cement Corp. ("Cayuga" Brand). Works: Portland Point, N. Y.
JAMESVILLE—Alpha Portland Cement Co.
Millen Portland Cement Co.
SYRACUSE—Colebrook W. H. & Sons,

NEW YORK.

Borough of Brooklyn.

BROOKLYN—Stone Tar Products Co. (Plumbers), 116H S 8th
Boroughs of Manhattan and Bronx.
NEW YORK—Alsen's American Portland Cement Works ("Alsen" Brand), 277 B'way
Atlas Portland Cement Co. ("Atlas" & "Atlas-White"), 30 Broad
**Consolidated Rosendale Cement Co. ("Brooklyn Bridge" Brand), 50 Church. Works: Binnewater, N.Y.
Cuban Portland Cement Co., 347 Madison av
Davids Bros., Inc. (Wood), 79 Cortlandt
Knickerbocker Portland Cement Co. ("Knickerbocker"), 30H E 42nd
Pennsylvania Cement Co. ("Pensylvania" Brand), 30 E 42d. Works: Bath, Pa.
Wohlberg, Richard (Rubber & Leather), 1664 Boone av
(End of New York City)
PORTLAND POINT—Cayuga Cement Corporation

OHIO.

BAY RIDGE—Sandusky Cement Co. (See Cleveland, O.)
CASTALIA—Castalia-Portland Cement Co. ("Tiger" Brand) (See Pittsburgh, Pa.)
CLEVELAND—Diamond Portland Cement Co. ("Diamond" Brand), 1313 Williamson. Works: Middle Branch, O.
Sandusky Cement Co. ("Medusa" Brand), Engineers bldg. Works, Bay Bridge, O.; York, Pa.; Syracuse, Ind. & Dixon, Ill.
IRONTON—Ironton Portland Cement Co. ("Limestone" Brand)
JACKSON—Wellston Iron Furnace Co. ("Superior")
LISBON—*Lisbon Cement Co. (Hydraulic)
MIDDLE BRANCH—Diamond Portland Cement Co. ("Diamond" Brand). (See Cleveland, O.)
SANDUSKY—Sandusky Cement Co. (See Cleveland, O.)
SUPERIOR—Wellston Iron Furnace Co. ("Superior")

OKLAHOMA.

ADA—Oklahoma Portland Cement Co. ("O. K." Brand)
DEWEY—Dewey Portland Cement Co. ("Dewey" Brand). (See Kansas City, Mo.)
HARTSHORNE—Choctow Portland Cement Co.
TULSA—Choctaw Portland Cement Co.

OREGON.

OSWEGO—Oregon Portland Cement Co.
PORTLAND—Beaver Portland Cement Co. Works: Gold Hill, Ore.

PENNSYLVANIA.

ALLENTOWN—Allentown Portland Cement Co. ("Allentown"); Works: Evansville, Pa.
Lehigh Portland Cement Co. ("Lehigh" Brand). Works: Ormrod Pa.; West Coplay, Pa.; Fogelsville, Pa.; New Castle, Pa.; Mason City, Iowa; Metaline Falls, Wash.; Mitchell, Ind.; Oglesby, Ill. & Iola, Kans., Fordwick, Va.
Penn-Allen Cement Co. ("Penn-Allen" Brand). Works: Nazareth, Pa.
Virginia Portland Cement Co. ("Old Dominion" Brand)
BATH—Bath Portland Cement Co. ("Bath" Brand) (See Newark, N. J.)
Pennsylvania Cement Co. ("Pennsylvania" Brand) (See New York City)
CEMENTON—Whitehall Cement Mfg. Co. ("Whitehall" Brand) (See Phila., Pa.)
COPLAY—Coplay Cement Mfg. Co. ("Saylor" Brand)
EASTON—Alpha Portland Cement Co. ("Alpha" Brand). Works: Alpha, N. J.; Cementon, N. Y.; Jamesville, N. Y.; Manheim, W. Va., & Martins Creek, Pa.
EGYPT—Giant Portland Cement Co. (See Phila., Pa.)
EVANSVILLE—Allentown Portland Cement Co. (See Allentown, Pa.)
MARTINS CREEK—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
NAZARETH—Dexter Portland Cement Co. ("Dexter" Brand)
Nazareth Cement Co. ("Nazareth" Brand)
Nazareth Foundry & Machine Co. ("Pebb Allen" Brand)
Penn-Allen Cement Co. ("Penn-Allen" Brand)
*Phoenix Portland Cement Co. ("Phoenix" Portland).
NEW CASTLE—Lehigh Portland Cement Co. ("Lehigh" Brand) (See Allentown, Pa.)
NORTHAMPTON—Lawrence Portland Cement Co. ("Dragon" Brand)
Atlas Supply Co., 108 Ring
PHILADELPHIA—Atlas Supply Co. (Disc Grinder & Gasket), 108 Ring
Coosa Portland Cement Co., N Stock Exchange bldg
Coplay Cement Mfg. Co. ("Saylor" Brand), Widener bldg. See Coplay, Pa.
*French Samuel H. & Co. ("French"), 4th & Callowhill
Giant Portland Cement Co. ("Giant"), Penna. bldg. Works: Egypt, Pa. & Norfolk, Va.
Mulconroy Co., Inc., Dept. H, 54th & Jefferson
Vulcanite Portland Cement Co. ("Vulcanite" Brand), Land Title bldg; Works: Vulcanite, N. J.
Whitehall Cement Mfg. Co. ("Whitehall" Brand), Land Title bldg; Works: Clementon, Pa.
PITTSBURGH—Castalia Portland Cement Co. ("Tiger" Brand), Publication bldg. Works: Castalia, O.
READING—Wilhelm A. Co.
SCRANTON—Bour L. J., Refractories Co.
SIEGFRIED—Lawrence Portland Cement Co. ("Dragon" Brand) (See Northampton, Pa.)
UNIVERSAL—Universal Portland Cement Co., Mair Office, Chicago, Ill.
WAMPUM—Crescent Portland Cement Co. ("Crescent" Brand)
YORK—Sandusky Cement Co. ("Medusa" Brand) (See Cleveland, O.)
South Car.-Charleston Standard Portland Cement Co. ("Standard" Brand)

TENNESSEE.

CHATTANOOGA—Dixie Portland Cement Co. ("Royal" Brand)
Sloan & Co.
KINGSPORT—Clinchfield Portland Cement Corp.
NASHVILLE—*Tennessee Cement & Lime Co. (Hydraulic)
RICHARD CITY—Dixie Portland Cement Co. ("Royal" Brand) (See Chattanooga)

TEXAS.

CEMENT—Texas Portland Cement Co. ("Lone Star" Portland)
Trinity Portland Cement Co. ("Trinity" Brand)
DALLAS—Texas Portland Cement Co. ("Lone Star," Portland)
EL PASO—Southwestern Portland Cement Co. ("El Toro" Brand)
SAN ANTONIO—San Antonio Portland Cement Co. ("San Antonio" Brand)

CEMENT MFRS.—continued

UTAH.

DEVILS SLIDE—Union Portland Cement Co. (See Ogden, Utah)
OGDEN—Ogden Portland Cement Co. Works: Bakers, Utah
Union Portland Cement Co. ("Red Devil" Brand). Works: Devil Slide, Utah
SALT LAKE CITY—Portland Cement Co. (of Utah) ("Utah")

VIRGINIA.

FORDWICK—Lehigh Portland Cement Co.
NORFOLK—Giant Portland Cement Co. ("Giant" Brand) (See Phila., Pa.)
ROANOKE—Adams, Payne & Gleaves, Inc.

WASHINGTON.

CONCRETE—Superior Portland Cement Co. (See Seattle, Wash.)
Washington Portland Cement Co. ("Washington" Brand). (See Seattle, Wash.)
METALINE FALLS—Lehigh Portland Cement Co.
SEATTLE—Olympia Portland Cement Co., Ltd.
Superior Portland Cement Co. ("Superior" Brand); Works: Concrete, Wash.
Washington Portland Cement Co. ("Washington" Brand). Works: Concrete, Wash.
SPOKANE—Idaho Portland Cement Works
International Portland Cement Co.

WEST VIRGINIA.

MANHEIM—Alpha Portland Cement Co. (See Easton, Pa.)

2237a— Cement (Waterproof Household and Belt)

Bitu-Mortar Waterproofing Co., 332 E 27th, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Chemical Products Div., Wilmington, Del.
See adv index at end of book
Integral Waterproofing Co., 80 Front, New York
Hydro-Bar Waterproofing Co., 328 E 23rd, New York
Williams Mfg. Co. (Waterproof), Camden, N. J.

2238— Cements (Acid Proof)

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Armstrong Co., 226 Post av, Detroit, Mich.
Chemical Construction Co. ("Acipruf"), Charlotte, N. C.
Condensite Co. of Am., Bloomfield, N. J.
Empire Tire & Rubber Corp. ("Empire" Tire Repair), Trenton, N. J.
Hagstrom, Joel, Underhill av, Brooklyn, N. Y.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Toch Bros., 320 Fifth av, New York

2238a— Cements (Adhesive)

National Gum & Mica Co., 59th & 11th av, New York

2239— Cements (Asbestos)

Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Armstrong Co. ("Tharco"), 226 Post av, Detroit, Mich.
Asbestos & Rubber Works of America, 58th & B'way, New York
Atlas Co. (For Boiler Coverings), Lincoln, N. J.
CAREY PHILIP MFG. CO., 330 Wayne av, Cincinnati, O.
See adv index at end of book
Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
Clinton Metallic Paint Co., Clinton, N. Y.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
General Asbestos & Rubber Co., Charleston, S. C.
Johns-Manville Inc., Madison av & 41st, New York
Keasbey & Mattison Co. (Also Magnesia), Ambler, Pa.
King J. B. & Co. ("Keene's Windsor"), 17 State, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Special Service Flooring Co., 2009 Grand Central Terminal, New York
Union Asbestos & Rubber Co., 231 S Wells, Chicago, Ill.
Watson H. F. Co., Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams Stove Lining Co., Taunton, Mass.

2240— Cements (Asphalt)

See also Asphalt Miners & Refiners

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Aspromet Co., 1st Nat'l Bank bldg., Pittsburgh, Pa.
Atlas Co. (Roofing), Lincoln, N. J.
Barber Asphalt Paving Co. ("Trinidad" Lake, "Bermudez" Lake), Land Title bldg, Phila., Pa.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp. ("Gilsonite"), Boatman's Bank bldg, St. Louis, Mo.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Standard Paint Co. ("Rub-ber-oid"), 233 B'way, New York
Standard Oil Co. of Cal. ("Petro Elastic"), 200 Bush, San Francisco, Cal.
Texas Co. ("Texaco" for Paving), Houston, Tex., & 17 Battery pl, New York
See adv index at end of book
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
Warren Bros. Co., 142 Berkeley, Boston,
Watson H. F. Co., Erie, Pa.

2241-2—Cements (Automobile Radiator)

Camden Chemical Mfg. Co. ("Greyhound"), 1800 Mickle, Camden, N. J.
Northwestern Chemical Co. ("Se-Ment-Ol"), Marietta, O.
X Laboratories, 25 W 45th, New York

2243— Cements (Belt)

See also Belt Dressing

Akron Belting Co., Akron, O.
Allen W. D. Mfg. Co. ("Ajax," "Otter"), 566 W Lake, Chicago, Ill.
See adv index at end of book
Ambroid Company, 227 Miller av, Brooklyn, N. Y.
Burr Oak Belting Co. ("Eternity"), 521 Livingston, Cincinnati, O.
Callahan Geo. & Co., 218 Front, New York
Chemical & Engineering Co. ("Red Dragon" Waterproof), Watertown, N. Y.
Chicago Belting Co., 125 N Green, Chicago, Ill.
Cleveland Oak Belting Co. ("Durable"), 1239 W 9th, Cleveland, Ohio
Consolidated Belting Co., 3108 Germantown av, Phila., Pa.
Cook Barron C. Chemical Mfg. Co., Charlotte, N. C.
Corliss Mfg. & Supply Co. ("C. C. C."), 1906 Olive, St. Louis, Mo.
Druid Oak Belting Co., ("Primo," "Waterproof"), 111 E Lombard, Baltimore, Md.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Chemical Products Div., Wilmington, Del.
See adv index at end of book
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Ellert C. H., Evansville, Ind.
Elwell B. F. Glue Co., Rockport, Mass.
G. R. Belting Co., Grand Rapids, Mich.
Graton & Knight Mfg. Co. ("Royal Worcester," "Neptune," "Monarch"), Worcester, Mass.
Hercules Powder Co., Wilmington, Del.
See adv index at end of book
Hudson Belting Co. ("American"; Also "Mermaid" Waterproof), 3 Eaton pl, Worcester, Mass.
Jewell Belting Co., Hartford, Conn.
Ladew E. R. Co. ("Hoyt's"), 54 Franklin, New York
Lawrence Belting Co., 111 Chambers, New York
New York Leather Belting Co. ("Victor"), 465 Kent av, Brooklyn, N. Y.
Nott W. S. Co. ("Diamond"), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Raniville F. Co. ("Raniville Watertide," "Star Brand," "Raniville's Leather-to-Metal"), Grand Rapids, Mich.
Reed & Duecker ("R. & D.," "Hippo"), Memphis, Tenn.
Rhoads J. E. & Sons ("Klingfast"), 12 N 3d, Phila., Pa.
Russia Cement Co. ("Le Page's"), Gloucester, Mass.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Fourth & Barton, St. Louis, Mo.
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Ulmer Leather Co., Norwich, Conn.
Williams I. B. & Sons ("Cocheco"), Dover, N. H.

2244—Cements (Billiard Cue)

Ambroid Company, 227 Miller av, Brooklyn, N. Y.
Elwell B. F. Glue Co., Rockport, Mass.
Major Mfg. Co., 461 Pearl, New York
Spinks Wm. A. & Co., 362 W Erie, Chicago, Ill.

2245— Cements (Caen Stone)

Cleveland Builders Supply Co. (Excelsior), Leader News bldg, Cleveland, Ohio
Houston Bros. Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Revis Wm. H., Inc., (Imp.), 140 W 42d, New York

2246— Cements (Chrome)

Lavino E. J. & Co., Bullitt bldg., Phila., Pa.
Stowe-Fuller Co., The, Kirby bldg, Cleveland, Ohio

Cements (Cast Steel Filler)

See Cements, Iron & Steel Filler

2247— Cements (Elastic)

Armstrong Co. (Oil Roofing), 226 Post av, Detroit, Mich.
Barrett Co., 17 Battery pl, New York
Clark Cast Steel Cement Co. ("Clark"), Shelton, Conn.
Clinton Metallic Paint Co., Clinton, N. Y.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. (Oil Roofing), Troy, N. Y.
Doggett Stanley, 11 Cliff, New York
Federal Process Co. ("Federal"), Cleveland, O.
Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.
Kuhls H. B. Fred (Elastic Trowel), 6413 3d av, Brooklyn, N. Y.
Minwax Co. ("Minwax"), 18 E 41st, New York
Pecora Paint Co. ("Weathertite"), 4th & Sedgley av, Philadelphia, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Tucker Mfg. Co., 17 E 137th, New York
U. S. Gutta Percha Paint Co. (For Chimneys, Roofs, etc.), 12-30 Dudley, Providence, R. I.
Webster W. F. Cement Co., Cambridge, Mass.
Wilhelm A. Co. (Aluminum), Reading, Pa.
Wohlberg Richard, 1664 Boone av, New York

2248—Cements (Fire Resisting)

Armstrong Co., 226 Post av, Detroit, Mich.
Bour L. J. Refractories Co., Scranton, Pa.
Buckeye Products Co. ("Buckeye"), 919-929 W 5th, Cincinnati, O.
Carborundum Co., Niagara Falls, N. Y.
Gravert Wm. J., Inc., 246 Jackson ave, Long Island City, N. Y.
Clinton Metallic Paint Co., Clinton, N. Y.
Hoffman Chas. V. Co., Inc. ("Al Sio"), 95 Liberty, New York
Howard Co. ("B," "C"), New Haven, Conn.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Maurer Henry & Son, 420 E 23d, New York.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
Norton Co., Worcester, Mass.
Refractory Materials Co., 30 Church, New York
Ross W. A. & Bro. (Imp. "Puriwachos"), 11 S William, New York
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

2249—Cements (Furnace & Stove)

See Cements, Asbestos; also Cements, Elastic; also Putty Manufacturers, Stovemakers'
Armstrong Co. ("Tharco" Asbestos), 226H Post av, Detroit, Mich.
See adv index at end of book
Buckeye Products Co. (Furnace Only), 919-929 W 5th, Cincinnati, O.
Cambria Paint & Color Co. (Ltd.) ("Hercules"), Johnstown, Pa.
Carey Philip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Clinton Metallic Paint Co., Clinton, N. Y.
Colebrook's W. H. Sons ("Crown" Astos), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal Asbestos"), Troy, N. Y.
Dixon Joseph Crucible Co. (For Repairing Stove & Range Linings), Jersey City, N. J.
Gravert Wm. J., Inc., 246 Jackson av, Long Island City, N. Y.
Hoffman Chas. V. Co., Inc. ("Al Sio" Furnace), 95 Liberty, New York

Howard Co., New Haven, Conn.
Johns-Manville Inc., Madison av & 41st, New York
National Sales Co., 31 E 13th, Cincinnati, Ohio
Obermayer S Co., 2563 W 18th, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" for Jointing), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co. (Asbestos), 4th & Sedgley av, Philadelphia, Pa.
Quigley Furnace Specialties Co. ("Hytempite" for Furnaces), 26 Cortlandt, New York
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Tucker Mfg. Co., 17 E 137th, New York
Wainwright Jno. C. A. (Dry), Spring City, Pa.
Watson H. F. Co., Erie, Pa.
Wilhelm A. Co., Reading, Pa.
Williams Stove Lining Co. (Asbestos), Taunton, Mass.

2249a— Cements (Gasket)

Benoit Constant A., Jerome av, Brooklyn, N. Y.
Boyer Chemical Laboratory Co., 940H N Clark, Chicago, Ill.
Ferdinand L. W. & Co., 154 Kneeland, Boston, Mass.
See adv index at end of book
Perma-Loc Mfg. Co., Dept. H, Wilkes-Barre, Pa.
Van Cleef Bros., 7722H Woodlawn av, Chicago, Ill.

2250—Cements (High Temperature)

Abbott-Converse Co. ("A-C"), P. O. Box 1740H, Houston, Texas
Armstrong Co., 226 Post av, Detroit, Mich.
Carey Philip Co. (For Furnace Linings & Setting Up Brick Work), 330H Wayne av, Lockland, Cincinnati, Ohio
Clinton Metallic Paint Co., Clinton, N. Y.
Hoffman Chas. V. Co., Inc., 95 Liberty, New York
Quigley Furnace Specialties Co., 26 Cortlandt, New York

Cements (Hydraulic)

See firms marked with a (*) under head of Cement Manufacturers

2250a— Cements (Insulating)

Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
Celite Products Co., 11 B'way, New York
Davis Bros., Inc., 79 Cortlandt, New York
Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
Johns-Manville Inc., Madison av & 41st, New York

2251—Cements (Iron & Steel Filler)

Baizley John Iron Works ("Three Horses" Iron Cement), 514 S Delaware av, Phila., Pa.
Benskin Mfg. Co. (Steel), Canton, O.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Clark Cast Steel Cement Co. ("Clark" Cast Steel for Blow Holes, etc.), Shelton, Conn.
Doggett Stanley ("Fill-It"), 11 Cliff, New York.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Philadelphia, Pa.
Johns-Manville Inc. ("Ferro"), Madison av & 41st, New York
Lawrence W. W. & Co. ("Lawrence" Iron Filler), Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central National Bank bldg, St. Louis, Mo.
Northwestern Chemical Co. ("Norwesco"), Marietta, Ohio
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" Cast Iron Filler), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shanafelt Mfg. Co. ("X-Cel-All"), Canton, O.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Turner J. S. Mfg. Co. ("Hold Tight"), Lowell, Mass.
U. S. Gutta Percha Paint Co. ("Rice's" Adamant for Blowholes in Castings, Leaks in Boilers, Piping, etc), 12-30 Dudley, Providence, R. I.
Wilhelm A. Co. ("Stick-to"), Reading, Pa.
Williams Mfg. Co. (Iron), Camden, N. J.

2252—Cements (Keene's American)

Acme Cement Plaster Co. ("Acme"), Frisco bldg, St. Louis, Mo.
Best Brothers Keene's Cement Co., Medicine Lodge, Kansas
Pacific Portland Cement Co. Cons'd, Pacific bldg, San Francisco, Cal.
United States Gypsum Co. ("Ivory"), 205 W Monroe, Chicago, Ill.

2253—Cements (Keene's Imported)

Fleming & Co., 253 B'way, New York
King J. B. & Co. ("J. B. White & Bros."), 17 State, New York
Miller Clifford L. & Co. ("Victoria"), 280 Madison av, New York
Revis Wm. H., Inc., 140 W 42d, New York

2253a— Cements (Lamp)

Dixon Joseph Crucible Co., Jersey City, N. J.

2254— Cement (Leather)

Ambroid Company, 227 Miller av, B'klyn, N. Y.
Eclipse Cement & Blacking Co., 1240H Belmont av, Phila., Pa.
Major Mfg. Co., 46 Pearl, New York
Wohlberg Richard, 1664 Boone av, New York
Wood & Hare, 66 Leonard, New York

2255— Cements (Linoleum)

Atlas Supply Co., 108 Ring, Phila., Pa.
Ferdinand L. W. & Co. ("20th Century"), 154 Kneeland, Boston, Mass.
See adv index at end of book

LINOLEUM CEMENT.
L. W. Ferdinand & Co., 154 Kneeland St., Boston, Mass., U. S. A.—Twentieth Century Linoleum Glue-Cement for attaching linoleum to floors. Use Grade A for attaching any kind of floor covering to any kind of floor. Send for booklet, "Linoleum: How to Lay It and How to Care For It."

New Process Chemical Co., 39 Cortlandt, New York
Pulsifer, Kingston Co. ("Linogrip"), 19 Eliot, Boston, Mass.
Wild Joseph & Co., 366 5th av, New York

2256—Cements (Locomotive & Boiler Front)

Forster Paint & Mfg. Co., Winona, Minn.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Frazer Paint Co. ("Frazer's" Non-Corrosive), Hubbard & M. C. R. R., Detroit, Mich.
Otley Paint Mfg. Co. ("Eureka" Joint), 1742 N Winchester av, Chicago, Ill.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Wheeler Asahel Co. ("A-W" Steam Joint), 58 High, Boston, Mass.

2256-7—Cements (Locomotive and Boiler Front)

2258—Cements (Non-Staining, Portland)

Atlas Portland Cement Co. ("Atlas-White"), 30 Broad, New York
Sandusky Cement Co. ("Medusa Brand"), Sandusky, O.

2259— Cements (Paving)

Barrett Co. (Coal Tar), 17 Battery pl, New York
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Texas Company ("Texaco"), 17 Battery pl, New York
See adv index at end of book
Warren Chemical & Mfg. Co., 17 Battery pl, New York

2260-1— Cements (Pipe Joint)

See also Compounds, Pipe Joints

Arco Co., Euclid av & E 65th, Cleveland, O.
Atlas Paint Co., Sharpsburg, Pa.
Arlington Mfg. Co., Canton, O.
Baker W. T. ("76 Paste," "Stopa Leak"), 224 Suydam av, Jersey City, N. J.
Bostwick J. R. & H. J. ("Anti-Leak"), Clifton Springs, N. Y.
Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
Callahan Geo. & Co. ("Old Reliable"), 218 Front, New York
Clark Cast Steel Cement Co. ("Clark" Cast Steel), Shelton, Conn.
Crookston Wm. H. & Bro., 2449 3d av,
Continental Products Co., Quebec av, Cleveland, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crookston Wm. H. & Bro., 2449 3d av, New York
Desper H. A. ("Bo-Wac" & "Baisago"), 40 Shelby, Worcester, Mass.
Dicks-Pontius Co., Dayton, O.
Dixon Joseph Crucible Co. (Plumbers, Steamfitters, etc.), Jersey City, N. J.
Doggett Stanley ("Fill-It"), 11 Cliff, New York
Eagle Paint & Varnish Co. ("Red Rustless Cement," Graphite Cement), 225 Galveston, Pittsburgh, Pa.
Federal Process Co. ("Federal Gasoila"), Cleveland, O.
Frazer Paint Co. ("Frazer's" Non-Corrosive Pipe Joint Paste), Hubbard & M. C. R. R., Detroit, Mich.
Gloria Mfg. & Supply Co., 354 W 17th, New York
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Hinds & Coon ("Coon"), 126 Pearl, Boston, Mass.
Johns-Manville Inc. ("H-O"), Madison av & 41st, New York
Marbleoid Co. ("Jointite"), 47 W 34th, New York
Modern Iron Works ("Economy"), Quincy, Ill.
Otley Paint Mfg. Co. ("Eureka" Steam Joint, etc), 1742 N Winchester av, Chicago, Ill.
Pacific Flush Tank Co. ("Jointite"), 4241 Ravenswood av, Chicago, Ill.
Prier Brass Mfg. Co. ("National"), Kansas City, Mo.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Starbuck R. M. & Sons ("Securo"), Hartford, Conn.
Stearns F. M. & Co. ("Elasko"), Jamestown, N. Y.
Thread-Light Company, 288 Bowery, New York
United States Graphite Co. (Mexican Graphite), Saginaw, Mich.
Wheeler Asahel Co. ("A-W" for Steam), 58 High, Boston, Mass.
Whitlam J. C. Mfg. Co. ("Tyte-Unyte"), Wadsworth, O.
Wilhelm A. Co., Reading, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

Cements (Plumbers')

See also Cements, Pipe Joint

Cements (Portland)

See Cement Manufacturers

(Observe note immediately under the heading relating to Portland Cement & Hydraulic Cement)

Cements (Refractory)

See Cements, Fire Resisting

2262— Cements (Retort)

Armstrong Co. ("Tharco" Asbestos), 226 Post av, Detroit, Mich.
Clinton Metallic Paint Co., Clinton, N. Y.
Colebrook's W. H. Sons ("Crown," Asbestos), Syracuse, N. Y.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.

2263— Cements (Rivet)

Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co. (Marine), 4th & Sedgley av, Philadelphia, Pa.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
U. S. Gutta Percha Paint Co. ("Rice's," for Hulls of Iron or Steel Vessels), 12-30 Dudley, Providence, R. I.

2264— Cements (Roofing)

See also Cements, Asbestos

Alcatraz Co., Inc. ("Blackat" & Semi-Plastic), 3200 Williamsburgh av, Richmond, Va.
Antakwa Co. ("Proof Tight" Plastic), 212 N Jefferson, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Armstrong Co. ("Tharco" Elastic), 226H Post av, Detroit, Mich.
Atlas Paint Co., Sharpsburg, Pa.
Barber Asphalt Paving Co. ("Trinidad" Lake Asphalt), Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Bostwick J. R. & H. J. ("Root & Barron" Clastic), Clifton Springs, N. Y.
Briggs John & Co. ("Elastic," "Champion" Brand), 45 Purchase, Boston, Mass.
Building Material Corp., 212 H East av, Rochester, N. Y.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Callahan Geo. & Co., 218 Front, New York
Carey Philip Mfg. Co. ("Carey"), 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Cartier M N & Sons Co. ("Lexonite"), 289 Canal, Providence, R. I.
Certain-teed Products Corp. (Asphalt), Boatman's Bank bldg, St. Louis, Mo.
Clinton Metallic Paint Co., Clinton, N. Y.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown" Elastic), Syracuse, N. Y.

CEMENTS (ROOFING)—(Continued)
Connors Wm. Paint Mfg. Co. ("American Seal" Elastic Oil), Troy, N. Y.
Continental Products Co. (Liquid & Plastic), Quebec av, Cleveland, O.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co. ("M. B. C."), 225 Galveston, Pittsburgh, Pa.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works, Valley Forge, Pa.
Federal Process Co. ("Federal" Elastic), Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gibson-Homans Co., 2366 Woodhill rd, Cleveland, O.
Glidden Co. (Liquid), Madison av & Berea rd., Cleveland, O.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Grote Geo. W. & Co., 430 E 102nd, New York
Hascall Paint Co. ("Thermalite Plastic Roofing"), W 70th, Cleveland, O.
Heppes-Nelson Roofing Co. ("No Tar," Liquid), 4500 Fillmore, Chicago, Ill.
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Johns-Manville Inc., Madison av & 41st, New York
Jones Paint Co. ("Stopleak" & "Liquid Stopleak"), Rome, N. Y.
Klein Mfg. Co. ("Graphilatum"), American Trust bldg, Cleveland, O.
Lucas John & Co., 322 Race, Phila., Pa.
Maire Paint Co. (Maire's Roof Cement), 329 Boston block, Minneapolis, Minn.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Monarch Paint Co. ("Seal-tite Plastic Roofing"), W 70th, Cleveland, O.
National Roofing Co., Tonawanda, N. Y.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Pecora Paint Co., 4th & Sedgeley av, Philadelphia, Pa.
Protexol Corporation, 41 Barclay, New York
Republic Paint & Lead Works ("Wonder-seal," "Plastic"), 5716 Euclid av, Cleveland, Ohio
Richmond Bros., 616 Main, Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sero Specialty Co., 2360 E 84th, Cleveland, O.
Standard Paint Co. ("Rubber-oid"), ("Imp. Asbestogum"), 233 B'way, N. Y.
Standard Paint & Lead Works, Cleveland, O.
Stone Tar Products Co., 116H S 8th, Brooklyn, N. Y.
Thompson & Co. ("Waterseal"), 857 W North av, N. S., Pittsburgh, Pa.
Trinidad Asphalt Mfg. Co. ("Epure" Trinidad Asphalt), Title Guaranty Trust bldg, St. Louis, Mo.
Tucker Mfg. Co., 17 E 137th, New York
United Roofing & Mfg. Co. ("Congo," "Congoxide"), Morris bldg, Phila Pa.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Victor Mfg. Co. ("Victor" Elastic), Newburyport, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Webster William F. Cement Co., Cambridge, Mass.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co. ("Royal" & "Para"), Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Cements (Rosendale)

See firms marked thus ** under head of Cement Manufacturers

2265— Cements (Rubber)

See also Cements, Tire

Braintree Rubber Cement Co., S. Braintree, Mass.
Durkee-Atwood Co. ("Rie Nie"), 40 Wilder, Minneapolis, Minn.
Eclipse Cement & Blacking Co., 1240H Belmont av, Phila., Pa.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Keystone Rubber Mfg. Co., Erie, Pa.
M. & M. Mfg. Co., Akron, O.
Major Mfg. Co., 461 Pearl, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Michelin Tire Co., Milltown, N. J.
Miller Rubber Co., Akron, O.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
National Rubber & Specialties Co. ("Red Cross," "Anchor" Auto Tire), Winton pl, Cincinnati, O.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Polson W. J. Co. ("W. J. Polson's"), 18th & Indian av, Kansas City, Mo.
St. Louis Rubber Cement Co. ("Bestyet" Liquid & Hard "Standard"), 3046 Lambdin av, St. Louis, Mo.
Scituate Mills, Greenbush, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
Wood Geo. H. Corp., 146 Summer, Boston, Mass.

Cements (Stainless Portland)

See Cements, Non-Staining, Portland

2266—Cements (Stone & Emery)

Pittsburgh Crushed Steel Co., 61st & A. V R. R., Pittsburgh, Pa.

Cements (Stove)

See Cements, Furnace & Stove; also Putty Manufacturers, Stovemakers'

2267— Cements (Tire)

See also Cements, Rubber

Alceme Mfg. Co. ("Kor-Ker"), 112 Bridge, Newark, N. J.
American Tire & Rubber Co. ("Five-Minute-Cure"), Akron, O.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co. ("Goodrich"), Akron, O.
Hartford Rubber Works Co., Hartford, Conn.
M. & M. Mfg. Co. ("M. & M."), Akron, O.
Michelin Tire Co. ("Mastic"), Milltown, N. J.
Tingley Chas. O. & Co., Rahway, N. J.

2268—Cements (White, for Mortar)

Higginson Mfg. Co. ("Higginson," for Plastering & Finishing Walls), Newburgh, N. Y.

2269—Cements (White Portland)

See also Cement Manufacturers: also Cements, Stainless Portland

Atlas Portland Cement Co. ("Atlas-White" Non-Staining), 30 Broad, New York
Sandusky Cement Co. ("Medusa"), Engineers bldg, Cleveland, O.

2270—Cemetery Care Stakes & Markers

QUADRIGA MFG. & SPECIALTY CO. (Bronze), 213 W Grand av, Chicago, Ill. *See adv index at end of book*

2271— Cemetery Railings

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Barnum E. T. (Wire & Iron Wks.), 864 Woodward, Detroit, Mich.
Cabaret Paul E. & Co., 126 11th av, New York
Dufur & Co., 311 N Howard, Baltimore, Md.
Enterprise Iron Works, Indianapolis, Ind.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York
Hoosier Fence Co. (Ornamental Steel Wire) Frankton, Ind.
Jackson Wm. H. Company, 2 W 47th, New York
McLean Jno., 440 Water, New York
Manhattan Brass Co., 332 E 28th, New York
Mansfield Steel Corp., 288 Milwaukee av, E Detroit, Mich.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2350-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
Stewart Iron Works, The, 237 Stewart blk., Cincinnati, Ohio *See adv index at end of book*

2272— Centering (Steel)

Blaw Steel Construction Co. (Collapsible), Hoboken, Pa.
Collapsible Joist Form Co., Finance bldg, Kansas City, Mo.
Concrete Steel Co., 42 Broadway, New York
Deslauriers Column Mould Co. (Corrugated for Floor Slabs of Reinforced Concrete), 311 Chestnut, St. Paul, Minn.
Hartford Construction Iron Wks. ("O'Connor" Collapsible), Hartford, Conn.
Heltzel Steel Form & Iron Co., Warren, O.
Illinois Concrete Machine Co., Buda, Ill.
Jones W. B. Boiler Co., Streator, Ill.
Minneapolis Steel & Machy. Co., 2854 Minnehaha, Minneapolis, Minn.
Northwestern Steel & Iron Works (Sewer & Culvert Forms), Eau Claire, Wis.
Ransome Concrete Machinery Co., Dunellen, N. J.

2273— Centers (Bench)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Ready Tool Co. ("Red E"), Bridgeport, Conn.

2274— Centers (Car Wheel)

Commonwealth Steel Co. (Open Hearth Locomotive Driving Wheel Centres), Pierce bldg, St. Louis, Mo.
Edgewater Steel Co. (Driving), Edgewater Station & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Equipment Co. (Open-Hearth Steel Locomotive Wheel Centers & Frames), House bldg, Pittsburgh, Pa.
Pittsburgh Steel Foundry Co. (Open Hearth Steel Locomotive Wheel Center & Frames), 1115H Empire bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Scullin Steel Co. (Driving Wheel Centres), 6700 Manchester av, St. Louis, Mo.
Standard Steel Works Co., Morris bldg, Philadelphia, Pa.
Taylor Electric Truck Co. ("Taylor" Malleable), Troy, N. Y.
Union Steel Casting Co. (Locomotive Driving Wheel Centers & Frames), Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

2275— Centers (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

2276— Centers (Index)

Brown & Sharpe Mfg. Co., Providence, R. I.
Carroll Wm. & Son, 4220 Main (Norwood), Cincinnati, Ohio
Carter & Hakes Machine Co. (Plain & Half Universal), Winsted, Conn.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Dickow Fred. C. ("Universal" "Dickow's"), 3504 W Lake, Chicago, Ill.
Garvin Machine Co., 147 Varick, New York
Kempsmith Mfg. Co., West Allis, Wis.
Knight W. B. Machinery Co., 3920H W Pine blvd, St. Louis, Mo.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Simmons Machine Co., Inc., ("Universal" with Spiral Cutting Attachment), 987 Broadway, Albany, N. Y.
Stockbridge Machine Co., Worcester, Mass.

2277— Centers (Lathe)

Moller Machine Co., New Rochelle, N. Y.
Morse Twist Drill & Machine Co. ("Morse"), Dept. H, New Bedford, Mass.
Ready Tool Co. ("Red E"), Bridgeport, Conn.
Stark Tool Co., Waltham, Mass. *See adv index at end of book*

Centers (Locomotive Driving Wheel)

See Centers, Car Wheel

2278— Centers (Neck Yoke)

Adams E. B. & Son ("Adams" "Safety"), Racine, Wis.
Covert Saddlery Works, Interlaken, N. Y.
Fernald Mfg. Co. (Adjustable), North East, Pa.
Imperial Bit & Snap Co., Racine, Wis.
National Neck Yoke Co. ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.
Pioneer Pole & Shaft Co. ("Acme"), Piqua, O.
Racine General Mfg. Co. ("Honest John"), (Jobbers), Racine, Wis.
Reno Mfg. Co., Erie, Pa.
Studebaker Corp., South Bend, Ind.
Walton Neckyoke Centre Co., Gallatin, Mo.

2279— Centers (Planer)

Cincinnati Planer Co., 3120 South, Oakley, Cincinnati, Ohio
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Niles-Bement-Pond Co., 111 B'way, New York
Woodward & Powell Planer Co., Worcester, Mass.

2280—Centers (Sash & Transom)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Detroit Works, 233 E. Larned, Detroit, Mich.
Driver C. H. & Kerr Co. (For Wood Sash), Racine, Wis.

Michigan Engine Valve Co. ("Howarth" Reversible), 437 Columbia, Detroit, Mich.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (Sash), 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

2281— Centers (Shaper)

Fay & Scott, Dexter, Me.
Gould & Eberhardt, 97 N. J. R. A. av, Newark, N. J.
Hendey Machine Co. ("Hendey"), Torrington, Conn.

2282— Centrifugals

See also Hydro-Extractors

American Tool & Machine Co. ("Weston," Belt Driven, Patent Water Driven & Patent Direct Connected Electrically Driven for Sugar & Chemicals, also for Laboratory or Experimental Use), 10 High, Boston, Mass.
Braun Electric Mfg. Co. ("Braun"), Canal Dover, O.
East Jersey Pipe Co. ("Hercules-Electric" Chemical), Dept. H, Paterson, N. J.
International Equipment Co., 352 Western av, Boston, Mass.
Remmers B. & Sons (Special, for Starch & Chemical Factories), 1227 Germantown, Phila., Pa.
Schaum & Uhlinger (Laboratory & By Products), N American & Glenwood av, Phila., Pa.
Squier Geo. L. Mfg. Co. ("Buffalo" Sugar, etc.), B'way & Mortimer, Buffalo, N. Y.
Tolhurst Machine Works, Troy, N. Y.

2283—Centrifugals (Nitrating)

Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.

2284—Centrifugals & Mixers (Sugar)

American Laundry & Machinery Co. (Centrifugals), Cincinnati, O.
American Tool & Machine Co. ("Weston" Centrifugals), 10 High, Boston, Mass.
Blymyer Iron Works Co. ("Triumph" with Hand Power Jack), Cincinnati, O.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Cresson-Morris Co. ("Morris-Weston"), Allegheny & 18th, Phila., Pa.
D'Olier Centrifugal Pump & Machinery Co., 1421 Chestnut, Phila., Pa.
Hepworth S. S. Co. ("Mackintosh" Ball Bearing), 2 Rector, New York
Krajewski-Pesant Corp., 50 Broad, New York
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Murphy John H. Iron Works (Mixers), 643 Magazine, New Orleans, La.
Pusey & Jones Co., Poplar, Wilmington, Del.
Squier Geo. L. Mfg. Co. ("Buffalo"), 490 Broadway, Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Colo.
Sugar Machinery Co., Higgins bldg, Los Angeles, Cal.
Tolhurst Machine Works (Sugar Centrifugals Only), Troy, N. Y.
Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.
Wayte W. J., Inc. (Imp), 1 Liberty, New York

2285— Ceresine Importers

Bromund E. A. Co., 258 B'way, New York
Scheel, Wm. H., 159 Maiden la, New York
See adv index at end of book
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York
Salomon L. A. & Bro., 216 Pearl, New York
Strahl & Pitsch, 141 Front, New York

2285a— Cerium (Metallic)

Imex Corp., 23 Beaver, New York
Pfanstiehl Co., N Chicago, Ill.

2285b— Cerium Nitrate

Foote Mineral Co., Inc., Phila., Pa.

2285c— Cerium Oxalate

Mackay A. D., (U. S. P.), 130 Pearl, New York
Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.

2286— Cesspools

See also Drains, Floor

Acheson Mfg. Co. (Brass), Rankin, Pa.
See adv index at end of book

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Barnes Mfg. Co., Mansfield, O.
Bignall Co., Medina, N. Y.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (Also Miscellaneous Accessories), 90 West, New York
Crestline Mfg. Co. (Cast Iron), Crestline, O.
Essex Foundry, Murray, Newark, N. J.
Estabrook's R. Sons ("Estabrook" Deep Seal), 202 1st, Boston, Mass.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Foote J. B. Foundry Co., Fredericktown, O.
Frantz Mfg. Co. (Cast Iron), Sterling, Ill.
Frederick Iron & Steel Co., Frederick, Md.
Glenn Mfg. Co. (Belt Trap, etc.), St. Charles, Ill.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Kokomo Brass Works (Brass Threaded), Kokomo, Ind.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), Cleveland, O.
Mechanicville Specialty Supply Mfg. Co. (Deep Seal), Mechanicville, N. Y.
Modern Iron Works (Hydrant & Strainers) (With Bell Traps, etc), Quincy, Ill.
Peck Bros. & Co., New Haven, Conn.
Rundle Mfg. Co. (Bell Trap), 27th & Wahl, Milwaukee, Wis.
Sanitary Co. ("Ideal" Hydrant, Cast Iron & Stable), Linfield, Pa.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Storch & Co. ("S. & S." Caulkable), 1102 Wolf, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Treaty Co. (Trakless), Greenville, O.
Union Metal Works, Chelsea, Mass.
Watertite Drain & Scupper Co. ("Anticlog"), 137 E 46th, New York
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

2286a—*Chain (Electric Welded)

Columbus McKennon Chain Co., Columbus, O. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2287—Chain Links & Chain Punched

Bethlehem Steel Co., So. Bethlehem, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
HENDRYX A. B. CO. (Chain Links), 86 Audubon, New Haven, Conn.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y.
See adv index at end of book
New Castle Steel & Iron Co., Pittsburgh, Pa.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Rhode Island Tool Co., Providence, R. I.
Smith Thos. Co., Worcester, Mass.
Transue & Williams Steel Forging Corp. (Drop Forged Mining Chain Links), Alliance, O.
United States Chain & Forging Co. (Single Links), Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

2288— Chain Slings

Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, O.
COLUMBUS McKINNON CHAIN CO. Columbus, O. *See adv index at end of book*
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
International Ship Fittings & Supply Corp., 212-214 Fulton, Brooklyn, N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morse Chain Co., (For Cranes, etc), Ithaca, N. Y. *See adv index at end of book*
Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*
Speidel J. G., Reading, Pa.
See adv index at end of book
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2288a— Chain Specialties

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2289— Chain Stays

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco" Brass) Waterbury, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
DuBois F. N. & Co., 247 9th av, New York
Frost Mfg. Co., Kenosha, Wis.
Haydenville Co., Haydenville, Mass.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Hoffmann Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Newhall Chain, Forge & Iron Co., 89 West, New York
Peck Bros. & Co., New Haven, Conn.
Reid R. W., 595 Kent av, Brooklyn, N. Y.
Special Service Flooring Co., 2009 Grand Central Terminal, New York
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2290— Chains (Agricultural)

American Chain Co., Bridgeport, Conn.
Badger Malleable & Mfg. Co., South Milwaukee, Wis.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Chain Belt Co., Milwaukee, Wis.
Chain Products Co. ("Samson" & "Bull Dog" Weldless Wire), 3924 Cooper av, Cleveland, Ohio
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, O.
COLUMBUS McKINNON CHAIN CO. Columbus, O. *See adv index at end of book*
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Webster Mfg. Co., 4500-46 Cortland, Chicago, Ill.
See adv index at end of book
White Hill Chain Wks., Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2291— Chains (Aluminum)

Bridgeport Chain Co., Bridgeport, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

2291a— Chains (Anchor)

Columbus-McKinnon Chain Co. (Close & Stud Link), Columbus, O.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
International Ship Fittings & Supply, 212-214 Fulton, Brooklyn, N. Y.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2292— Chains (Anti-Skid)

American Chain Co. ("Weed"), Bridgeport, Conn.
Chain Products Co. ("Samson"), 3924 Cooper av, Cleveland, O.
Cleveland Chain & Mfg. Co. ("Trax-Yun" Truck), Penn RR. & Henry, Cleveland, O.
COLUMBUS-McKINNON CO., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*

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CHAINS (ANTI-SKID)—continued

Imperial Bit & Snap Co. ("Reichert" for Auto Trucks & Pleasure Cars), Racine Wis.
Leather Tire Goods Co., Niagara Falls, N. Y.
Rowe Calk & Chain Co., Plantsville, Conn.
Standley Skid Chain Co., Boon, Ia.
Ulfers Mfg. Co. ("Bull Dog" Auto Grip), Freeport, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book
Woodworth Mfg. Co. ("Easy on" & "Kant Skid"), Starr av, Binghamton, N. Y.

2293—Chains (Anti-Spreader)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 E Cooper av, Cleveland, O.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2294—Chains (Arc Lamp Suspension)

American Chain Co., Bridgeport, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2295-6—Chains (Automobile) Engine

See also Chains, Power Transmission
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y.

2297— Chains (Awning)

Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2298— Chains (Band)

Keuffel & Esser Co., Hoboken, N. J.

2299— Chains (Bead)

American Ball Chain Works, 12 Wooster, New York
Anylite Electric Regulator Co. (Brass Pull), Fort Wayne, Ind.
Bead Chain Mfg. Co., Bridgeport, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

2300— Chains (Bicycle)

Baldwin Chain & Mfg. Co. (Block), Worcester, Mass.
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Waterbury Button Corp., 831 So Main, Waterbury, Conn.
See adv index at end of book
Whitney Mfg. Co., Hartford, Conn.

2301-2— Chains (Binder)

See also Chains, Log

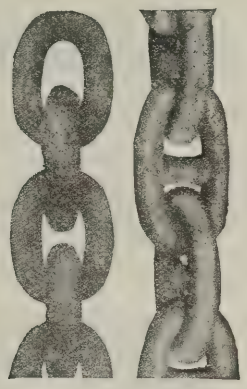
American Chain Co., Bridgeport, Conn.
Badger Malleable & Mfg. Co., S Milwaukee, Wis.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

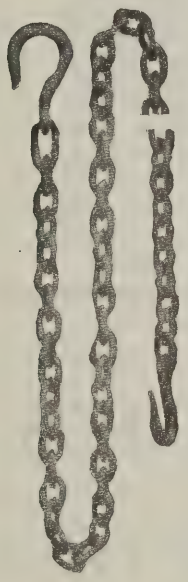
2303— Chains (Block)

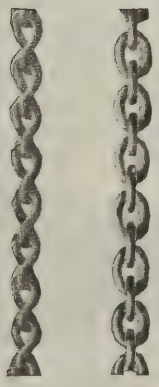
American Chain Co., Bridgeport, Conn.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Cleveland Chain & Mfg. Co., Penn R. R. & Henry, Cleveland, Ohio
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*
Round D. & Son, Penn. R. R. & Henry, Cleveland, Ohio
Speidel J. G., Reading, Pa.
See adv index at end of book
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2304— Chains (Brake)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, O.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Penn R. R. & Henry, Cleveland, O.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Taylor Electric Truck Co., Troy, N. Y.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book
Wyatt Thos. Mfg. Co. (Hand made), 27 Wyatt, Providence, R. I.







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2305— Chains (Brass)

Bliss A. H. & Co. (Small), North Attleboro, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Corbin Screw Corp., New Britain, Conn.
Elec. Appliance Mfg. Co., Dept. H, Waterbury, Conn.
Hale Bros. Co., Worcester, Mass.
HENDRYX A. B. CO., 86 Audobon, New Haven, Conn. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Smith & Egge Mfg. Co. (Cable), Dept. H, Bridgeport, Conn.
Smith Richardson Co., Attleboro, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co., 68H Franklin av, Bklyn, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

2306— Chains (Breast)

See also Chains, Coil

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co. ("Yankee" New Patent), Troy, N. Y.
Covert Saddlery Works (Adjustable), Interlaken, N. Y.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2307— Chains (Bright)

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2308— Chains (Bull)

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
LINK-BELT COMPANY ("Howe"), 300 W 39th, Chicago, Ill.
See adv index at end of book
Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2309—Chains (Cable & Marine)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
COLUMBUS McKINNON CHAIN CO. (Close & Stud Link), Columbus, O.
See adv index at end of book
Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Manumotors Co., Manitowoc, Wis.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nixdorff-Krein Mfg. Co., St. Louis, Mo.
Round D. & Son, Penn R. R. & Henry, Cleveland, O.
Smith & Egge Mfg. Co. (Cable), Dept. H, Bridgeport, Conn.
UNITED STATES CHAIN & FORGING CO. (Close & Stud Link), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book
Wyatt Thos. Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2309a— Chains (Car Brake)

Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2310— Chains (Car Fender)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Newhall Chain, Forge & Iron Co., 89 West, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
UNITED STATES CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2311— Chains (Car Haul)

COLUMBUS-M'KINNON CHAIN CO., Columbus, O.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio
See adv index at end of book
LINK-BELT COMPANY (Steel), 300 W 39th, Chicago, Ill.
See adv index at end of book
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stephens-Adamson Mfg. Co. ("S-A" Steel), Aurora, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2312— Chains (Chandelier)

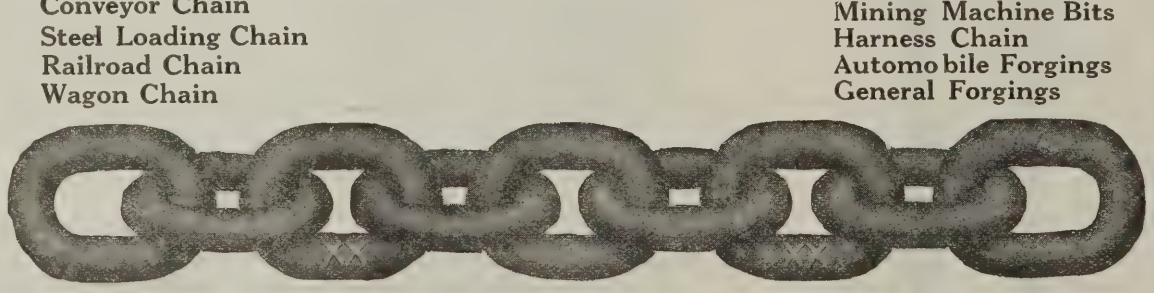
American Chain Co., Bridgeport, Conn.
Atlantic Chain Corp., 73 Marion, Long Island City, N. Y.
Bliss Co., A. H., North Attleboro, Mass.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Cryptofil Chain Co. (Chain with Concealed Wires), 140 Boylston, Boston, Mass.

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See list of agents in alphabetical index, end of book.

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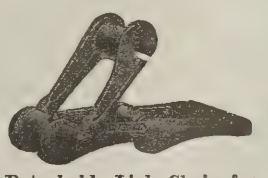
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Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
National Chain Co., College Point, Long Island, N. Y.
Riess Light & Fixture Co., 415 Main, Cincinnati, O.
Steele & Johnson Mfg. Co., Waterbury, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Universal Chain Co., Stroudsburg, Pa.
Virden Co., Ashland rd & Longfellow, Cleveland, O.
Walsh Mfg. Co., O., 525 W 26th, New York
White Jos. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2313— Chains (Coil)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Bridgeport Chain Co. ("Triumph," "Brown," "Perfection"), Bridgeport Conn.
Chain Products Co. ("Hodell") ("Samson," "Bull Dog"), 3924 Cooper av, N E, Cleveland, O.
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, Ohio
COLUMBUS McKINNON CHAIN CO. ("Common Proof," "B.B.," "B.B.B.,"), Columbus, O.
See adv index at end of book
Diamond Chain Co., York, Pa.
Fisher C. W., 52H Bway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West,
Nixdorff-Klein Mfg. Co., 900 Howard, St. Louis, Mo.
Oneida Chain Co., Oneida, N. Y.
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
Speidel J. G., Reading, Pa.
See adv index at end of book
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
UNITED STATES CHAIN & FORGING CO. ("Proof," "B.B.," "B.B.B."), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2314— Chains (Contractors')

Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, Ohio
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
UNITED STATES CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2315— Chains (Conveyor)

See also Belting, Chain or Link

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
Alvey Ferguson Co., 70 North av, Oakley, Cincinnati, O.
American Chain Co., Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Badger Malleable & Mfg. Co. (ice), S. Milwaukee, Wis
Barber & Co., 2328 S Western av, Chicago, Ill.
BARTLETT C. O. & SNOW CO. (Malleable Drop Forged), French, Cleveland, O. *See adv index at end of book*
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Chain Belt Co., Milwaukee, Wis.
Cleveland Chain & Mfg. Co., Penn RR. & Henry, Cleveland, O.
COLUMBUS McKINNON CHAIN CO. (Long Link Sprocket or Log-Haul-Up), Columbus, O.
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo, N Y
Fulton Iron Works Co. (Sugar Mill), St. Louis, Mo. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locke Steel Belt Co., Bridgeport, Conn.
Manumotors Co., Manitowoc, Wis.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Newhall Chain, Forge & Iron Co., 89 West, New York
Puget Sound Machinery Depot, 318 1st av S, Seattle, Wash.
Rivetless Chain & Engng. Co. (Steel), Avon, Pa.
Robinson Mfg. Co., Muncy, Pa.
Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill.
Taylor C. G. Chain Co., 140 S Dearborn, Chicago, Ill.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Chain & Mfg. Co. (Steel), Seville, O.
Union Malleable Iron Co., East Moline, Ill.
UNITED STATES CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Webster Mfg. Co., 4500 Cortland, Chicago, Ill. *See adv index at end of book*
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Wilmot Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2316— Chains (Copper)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland O.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stimpson Edwin B. Co., 68H Franklin av, Bklyn, N. Y.

2317— Chains (Cow Tie)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.

CHAINS (COW TIE)—continued
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2318— Chains (Crane)

American Chain Co., Bridgeport, Conn.
Bradlee & Co. ("D. B. G."), 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, Ohio
COLUMBUS M'KINNON CHAIN CO. ("CC"), Columbus, O.
See adv index at end of book
GERDES & CO., 42 Church, New York.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Krein Mfg. Co., Wapakoneta, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co., Rankin, Pa.
Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*
Round D. & Son (⅛ to 2½ inch), Penn RR. & Henry, Cleveland, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

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Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
UNITED STATES CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgeley, Bucks Co., Pa.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2319—Chains (Detachable Sprocket Wheel)

Badger Malleable & Mfg. Co., S. Milwaukee, Wis.
Baldwin Chain & Mfg. Co. ("Baldwin"), Worcester, Mass.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Whitney Mfg. Co., Hartford, Conn.

2319a—Chains (Die-Welded)

Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.

2320—Chains (Differential Pulley Block)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Penn RR. & Henry, Cleveland, O.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2321— Chains (Dog Lead)

American Chain Co., Bridgeport, Conn.
Bead Chain Co., Bridgeport, Conn.
Bridgeport Chain Co. ("Triumph" & "Brown"), Bridgeport, Conn.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Chain Products Co. ("Samson" "Hodell" "Bull Dog"), 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Corbin Screw Corp., New Britain, Conn.
Covert Saddlery Works, Interlaken, N. Y.
Diamond Whip Co., 406 N Curtis, Chicago, Ill.
Ferree E. H. Co., Lockport, N. Y.
Hatheway Mfg. Co. ("Duplex" Reinforced), Bridgeport, Conn
HENDRYX A. B. CO., 86 Audubon, New Haven, Conn. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Ney Mfg. Co., Canton, Ohio
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
Woodhouse Chain Works, Trenton, N. J.

2322— Chains (Double Jointed)

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Jencks E. Mfg. Co. ("Universal"), Worcester, Mass.

2323— Chains (Drag)

American Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N. Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Ill. *See adv index at end of book*
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2324— Chains (Dredge)

American Chain Co. ("Ajax," "H. B."), Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, Ohio
COLUMBUS McKINNON CHAIN CO. ("CC" & Steam Shovel), Columbus, O.
See adv index at end of book
Fisher C. W., 52H Bway, New York
Gerdes & Co., 42 Church, New York
See adv index at end of book
Haskell Wm. H. Mfg. Co. (Punched Link), Pawtucket, R. I.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lebanon Chain Works, Lebanon, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mill & Mine Supply Co. ("Titan"), 317 1st, Seattle, Wash.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co. (Branded "Warwick" & "Trident"), 89 West, New York
Nicholson & Co., Rankin, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I
Round D. & Son, Penn RR. & Henry, Cleveland, O.
Speidel J. G., Reading, Pa.
See adv index at end of book
Taylor S. G. Chain Co. (Steam Shovel), 140 S Dearborn, Chicago, Ill.
UNITED STATES CHAIN & FORGING CO. ("Old Reliable") Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Samuel, Cleveland, O.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2324a— Chains (Drive)

DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Howe Chain Co., Muskegon, Mich.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Moline Malleable Iron Co., St. Charles, Ill.
Morse Chain Co., Ithaca, N. Y.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2325— Chains (Elevator)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
American Chain Co., Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Baldwin Chain Mfg. Co., Worcester, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
Hoopes & Townsend Co. (Drop Forged), Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Smith & Egge Mfg. Co. (Elevator Door), Bridgeport, Conn.
Speidel J. G., Reading, Pa.
See adv index at end of book
UNITED STATES CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Wilmot Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2325a— Chains (Fence)

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2326— Chains (Fire Hydrant)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Chain & Mfg. Co., Penn RR. & Henry, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2326a— Chains (Fire Welded)

Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2327— Chains (Fish Net)

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2328— Chains (Flower Pot)

HENDRYX A. B. CO., 86 Audubon, New Haven, Conn. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

2329— Chains (Furnace)

Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2329a— Chains (Galvanized)

Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2330—Chains (Galvanized Pump)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, N E, Cleveland, O.
Cleveland Chain & Mfg. Co., Penn RR. & Henry, Cleveland, O.
Garland Mfg. Co., 1st National Bank bldg, Pittsburgh, Pa.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works (Also Galvanized Coil Chains, etc), Niagara Falls, N. Y.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works Trenton & Roebling, N. J.
See adv index at end of book
Schriver O. P. & Co. ("L. X. L."), 621 E. Pearl, Cincinnati, O.
Woodhouse Chain Works, Trenton, N. J.

2331—Chains (Gear Link Drive)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
MORSE CHAIN CO., Ithaca, N. Y.
See adv index at end of book
Union Malleable Iron Co. ("Heald's" Patent), East Moline, Ill.
Whitney Mfg. Co., Hartford, Conn.

2332— Chains (German Coil)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2333— Chains (Halter)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Cleveland Chain & Mfg. Co., Penn RR. & Henry, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Diamond Chain Co., York, Pa.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
Sargent & Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2334— Chains (Hame)

American Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Kelsay Newton, Evansville, Ind.
Mundorf Chain Works, York, Pa.
Niagara Falls Metal Stamping Works ("Premax," "Dodson," & "Zenith," "Looplever"), Niagara Falls, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2335— Chains (Hammock)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chain Products Co. ("Bulldog"), 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
Woodhouse Wm. Chain Mfg. Co. (Welded) Edgely, Bucks Co., Pa.
See adv index at end of book

2336— Chains (Hand Made)

Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
See adv index at end of book
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2337— Chains (Harness)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, Pa.
Cleveland Chain & Mfg. Co., Penn RR & Henry, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Diamond Chain Co., York, Pa.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Lutz Co. Inc. (for Autos & Trucks), Morris & Bambrey, Phila., Pa.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works (Harness Chain Sets), Niagara Falls, N. Y.
Nixon-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Starr W. C. & Son Co., Indianapolis, Ind.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2338— Chains (Heel)

Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Schartow Mfg. Co, Milwaukee, Wis
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2339—Chains (High Speed, Silent Running)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
LINK-BELT COMPANY ("Link-Belt"), 300 W 39th, Chicago, Ill.
See adv index at end of book

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Morse Chain Co. ("Morse"), Ithaca, N. Y.
Whitney Mfg. Co. ("Whitney"), Hartford, Conn.

2340—Chains (Hitching or Mine Car)

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2341— Chains (Hog)

Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Wendt Albert H., 456 E 2d, Cincinnati, O.

2342— Chains (Hog Scraper)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2343— Chains (Hoist)

American Chain Co., Bridgeport, Conn.
Cleveland Chain & Mfg. Co., Penn RR. & Henry, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
HOBBS CLINTON E. CO., 37 Pearl, Boston, Mass.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 300 W 39th, Chicago, Ill. *See adv index at end of book*
Newhall Chain, Forge & Iron Co. (Branded "Warwick" & "Trident"), 89 West, New York
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Speidel J G., Reading, Pa.
See adv index at end of book
UNITED STATES CHAIN & FORGING CO. ("Old Reliable," "XX"), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2343a—*Chains & Buckets (Malleable)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2343b—Chains and Hooks (Tourniquet)

Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*

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New Haven, Conn.

Chains (Ice Elevator)

See Chains, Conveyor

2344— Chains (Jack)

See also Chains, Safety

A. Klipstein & Co. ("Bemanco"), 644 Greenwich, N. Y.
Acme Manufacturing Co., Waterbury, Conn.
American Brass & Copper Co., 138 Lafayette, New York
Chain Products Co. (Single & Double), 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation (Iron & Brass, Single or Double), New Britain, Conn.
Hale Bros. Co., Worcester, Mass.
Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*

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Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*

CHAINS (JACK)—continued
Klipstein A. & Co. ("Bemanco"), 644 Greenwich, N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mattatuck Mfg. Co., Waterbury, Conn.
Parker Wire Goods Co. (Brass & Iron), Worcester, Mass.
Plume & Atwood Mfg. Co. (Brass & Iron), Waterbury, Conn.
Smith & Egge Mfg. Co. (Brass & Iron), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

Chains (Kennel)

See Chains, Dog Lead

2345— Chains (Key)

Acme Mfg. Co., Waterbury, Conn.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Ames Sword Co., Chicopee, Mass.
Atwater S. I. ("Good Luck"), 101 Lafayette, New York
Bead Chain Mfg. Co.
Boettiger Louis A. Co., 48 Leonard, New York
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co. ("Bulldog" & "Hodell"), 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.
Ferree E. H. Co., Lockport, N. Y.
Hatheway Mfg. Co. ("Duplex"), Bridgeport, Conn.
HENDRYX A. B. CO., 86 Audobon, New Haven, Conn. *See adv index at end of book*
Niagara Falls Metal Stamping Works ("Premax" & "Expansion"), Niagara Falls, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.

2346-7— Chains (Ladder)

Corbin Screw Corporation, New Britain, Conn.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*


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Hanging Signs.
Art Novelties.
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Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co. (Brass & Iron), Waterbury, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

2348—*Chains ("Link-Belt" Silent)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2349— Chains (Loading)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
United States Chain & Forging Co. ("X X."), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book
Woodward, Wight & Co., Ltd. ("Strength & Wear"), Howard av & Constance, New Orleans, La.

2350— Chains (Log)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Carr J. B. Co., Troy, N. Y.
Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Diamond Iron Works (Log or Cable Haul Up), 2nd & 18th av, N, Minneapolis, Minn.
Fisher C. W., 52H Bway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Mundorf Chain Works (Coil & Long Link), York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co., Rankin, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co. (Ring & Hook), Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2350a- Chains (Log Haul-Up)

See also Chains, Rafting

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2351—Chains (Loom, Friction)

American Chain Co., Bridgeport, Conn.
Chain Products Co. ("Hodell"), 3924 Cooper av, Cleveland, O.

2352— Chains (Machine)

Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.

2353— Chains (Machinery)

Baldwin Chain & Mfg. Co., Worcester, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
HOBBS CLINTON E. CO., 37 Pearl, Boston, Mass.
See adv index at end of book
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.

2354— *Chains (Manganese)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Taylor-Wharton Iron & Steel Co. (Steel), High Bridge, N. J.

2355— Chains (Marine)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Larkin J. K. & Co., 253 Bway, New York
See adv index at end of book
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2356—Chains (Mining Machine)

Columbus McKinnon Chain Co., Columbus, O.
See adv index at end of book
DIAMOND CHAIN & MFG. CO., 502 Kentucky Av, Indianapolis, Ind.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Prox Frank Co. (Hardened Steel), Terre Haute, Ind.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

2357—*Chains (Motorcycle)

DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.

2358—*Chains (Noiseless Belt Drive)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

2359— Chains (Padlock)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co. ("Bulldog" & "Hodell"), 3924 Cooper av, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2360— Chains (Pipe Hanger)

American Chain Co., Bridgeport, Conn.
Chain Products Co. ("Bulldog"), 3924 Cooper av, Cleveland, O.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

2361— Chains (Plumbers')

See also Chains, Jack

Acme Mfg. Co., Waterbury, Conn.
American Brass & Copper Co., 138 Lafayette, New York
Bead Chain Mfg. Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.
Glauber M. & Co., 103 Varick, New York
Hatheway Mfg. Co. ("Duplex"), Bridgeport, Conn.
Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*


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Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jencks E. Mfg. Co. ("Universal" Double Jointed), Worcester, Mass.
Klipstein A. & Co. ("Bemanco"), 644 Greenwich, N. Y.
Mattatuck Mfg. Co., Waterbury, Conn.
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Mfg. Co., Rome, N. Y.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg Co., Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

2362— Chains (Porch Swing)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Ney Mfg. Co., Canton, Ohio
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book

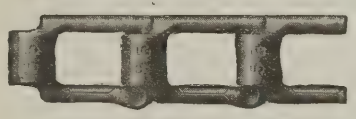
2363— Chains (Pot)

HENDRYX A. B. CO. (Flower Pot), 86 Audobon, New Haven, Conn.
See adv index at end of book
Parker Wire Goods Co., Worceser, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. ("King's-2-Ring"), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co. ("Sensible," "King," 2 Ring and 2 Ring Glove, etc), Worcester, Mass.

2364—Chains (Power Transmission)

American High Speed Chain Co. (High Speed Silent), 401 S Illinois, Indianapolis, Ind.
Badger Malleable & Mfg. Co., S Milwaukee, Wis.
Baldwin Chain & Mfg. Co. ("Baldwin," Drive), Worcester, Mass.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
HOBBS CLINTON E. CO., 37 Pearl, Boston, Mass. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Link-Belt" Silent High Speed), 300 W 39th, Chicago, Ill. *See adv index at end of book*

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Morse Chain Co., Ithaca, N. Y.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co. (Automobile), 89 West, New York
Philadelphia Gear Works, East Vine, Phila., Pa.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Pioneer Mfg. Co. ("Sealtite"), Cleveland, O.
Union Chain & Mfg. Co. (Stamped Steel), Seville, O.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Whitney Mfg. Co. (Silent Type), Hartford, Conn.

2364a— Chains (Proof Coil)

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

Chains (Pump)

See Chains, Galvanized Pump

2364b— Chains (Quarry)

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2365— *Chains (Racking)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*

2366— Chains (Rafting)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Newhall Chain, Forge & Iron Co., 89 West, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa. *See adv index at end of book*

2367— Chains (Railroad)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Chain Products Co., 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
O'Leary Arthur J. & Sons Co. (Crossing & Switch), 65th & S 57th av, Chicago, Ill.
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2368— Chains (Riveted)

Cross Engng. Co. ("Simplex"), Carbondale, Pa.
Wilmot Engng. Co. ("Keystone"), Hazleton, Pa.

2368a— Chains (Roller)

See also Chains, Steel Bushed Roller

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Spaulding Chain Corp. ("Spaulding"), Bloomfield, N. J.

2369— Chains (Roofing)

New Castle Steel & Iron Co., Pittsburgh, Pa.

2370— Chains (Safety)

See also Chains, Jack; also Chains, Plumbers'

Acme Mfg. Co., Waterbury, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Corbin Screw Corporation, New Britain, Conn.
Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*



"HENDRYX"
Standard Steel and Brass
SAFETY CHAIN
for electrician's and plumber's use. Desirable for window sashes. Especially adapted for furnace connections.
Manufactured by
The Andrew B. Hendryx Co.
New Haven, Conn.



Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mattatuck Mfg. Co., Waterbury, Conn.
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Sala Co. ("Service," Double Unit), Canton Ohio
Smith & Egge Mfg. Co., Bridgeport, Conn.
Steel Car Forge Co., Pittsburgh, Pa.; Works: Elwood City, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldboro, N. J.
Wire Goods Co., Worcester, Mass.
WOODHOUSE WM. CHAIN MFG. CO., (for Safety Zones for Street Use), Edgely, Bucks Co., Pa. *See adv index at end of book*

2371— Chains (Sash)

Acme Mfg. Co., Waterbury, Conn.
American Chain Co. (Weldless, "American"), Bridgeport, Conn.
Atlantic Co., 470 17th, Brooklyn, N. Y.
Bridgeport Chain Co. ("Monarch," "Bronze," "Bridgeport" Steel), Bridgeport, Conn.
Chain Products Co. ("Hodell"), 3924 Cooper av, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jencks E. Mfg. Co. ("Universal" Double Jointed), Worcester, Mass.
Morton Thomas (Bronze & Steel Cable), 245 Center, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg. Co. ("Giant," "Red Metal"), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Wire Goods Co., Worcester, Mass.
Zogg Nicholas ("Standard"), 226 E 144th, New York

2372— Chains (Ship)

COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2373— Chains (Sign)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J. *See adv index at end of book*
Woodhouse Chain Works, Trenton, N. J.

2373a— Chains (Silent)

Morse Chain Co. (Rocker Joint), Ithaca, N. Y.

Chains (Sling)

See Chain Slings

2374— Chains (Spreader)

Badger Malleable & Mfg. Co., So. Milwaukee, Wis.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Chain Products Co. ("Bulldog"), 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Lebanon Chain Works, Lebanon, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Newhill Chain, Forge & Iron Co., 89 West, New York.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

2375—Chains (Sprocket Wheel)

American Chain Co., Bridgeport, Conn.
Badger Malleable & Mfg. Co. (Detachable), South Milwaukee, Wis.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Boston Gear Works, Norfolk Downs, Quincy, Mass. *See adv index at end of book*
Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Hendryx A. B. Co., 86 Audobon, New Haven, Conn. *See adv index at end of book*



"HENDRYX"
SPROCKET CHAIN
of brass or steel is adaptable to all light drives.
requiring accuracy of pitch
Manufactured by
The Andrew B. Hendryx Co.
New Haven, Conn.



CHAINS (SPROCKET WHEEL)—cont.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lebanon Chain Works, Lebanon, Pa.
Link Chain Co. ("Arrow" Detachable), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
Manumotors Co., Manitowoc, Wis.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co. (Hand Made), Rankin, Pa.
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
Spaulding Chain Corp. ("Spaulding") Bloomfield, N. J.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Union Chain & Mfg. Co., Seville, O.
WEBSTER MFG. CO., 4500 Cortland, Chicago, Ill. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

Chains (Stay)

See Chains, Wagon

2376— Chains (Steam Shovel)

See also Chains, Dredge

COLUMBUS McKINNON CHAIN CO. ("Hercules" Solid Weld), Columbus, O. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co. ("Old Reliable," "X. X."), Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2376a— Chains (Steel)

LARKIN J. K. & CO., 253 Bway, New York *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Stimpson Edwin B. Co., 68H Franklin av, Bklyn, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*

2377—Chains (Steel Bushed Roller)

Baldwin Chain & Mfg. Co., Worcester, Mass.
Boland Machine & Mfg. Co. ("Boland" All Steel Roller), 1006 Tchoupitoulas, New Orleans, La.
Chain Belt Co., Milwaukee, Wis.
DIAMOND CHAIN & MFG. CO., 502 Kentucky Av, Indianapolis, Ind.
Dow Wire & Iron Works, Louisville, Ky.
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones, W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Michigan Sprocket Chain Co., Delry, Detroit, Mich.
Union Chain & Mfg. Co., Seville, Ohio
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Whitney Mfg. Co. (Detachable or Riveted), Hartford, Conn.

2378— Chains (Stone)

Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
Pollard Jos. G. (Fitted with Steel Hooks), 141 Raymond, Brooklyn, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2379— Chains (Stone Conveyor)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*

2379a—Chains (Straight & Twisted Link)

Fisher C. W. (Twisted), 52H Bway, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2380— Chains (Stud Link)

American Chain Co., Bridgeport, Conn.
Baldt Anchor & Chain Co., Chester, Pa.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2381— Chains (Tie Out)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Ney Mfg. Co., Canton, Ohio
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Woodhouse Chain Works, Trenton, N. J.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2381a— Chains (To Sample)

Fisher C. W., 52H Bway, New York
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2382— Chains (Trace)

American Chain Co. ("El-Wel-Tra"), Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Imperial Bit & Snap Co., Racine, Wis.
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Round D. & Son, Penn R. R. & Henry, Cleveland, O.
Starr W. C. & Son Co., Indianapolis, Ind.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa. *See adv index at end of book*

2382a— Chains (Tractor)

Baldwin Chain & Mfg. Co., Worcester, Mass.
DIAMOND CHAIN & MFG. CO., 502 Kentucky Av, Indianapolis, Ind.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Rowe Calk & Chain Co. ("Prest-O-Grip") Plantsville, Conn.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Whitney Mfg. Co., Hartford, Conn.

2383— Chains (Transfer)

BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Chain Products Co., 3924 Cooper av, Cleveland, O.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

2383a— Chains (Transmission)

DIAMOND CHAIN & MFG. CO., 502 Kentucky Av, Indianapolis, Ind.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Howe Chain Co., Muskegon, Mich. (Power Transmission)
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Spaulding Chain Corp. ("Spaulding"), Bloomfield, N. J.
Whitney Mfg. Co., Hartford, Conn.

2384— Chains (Transom)

Bridgeport Chain Co., Bridgeport, Conn.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
HENDRYX A. B. CO., 86 Audobon, New Haven, Conn. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

2385—Chains (Twisted-Link Coil)

United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa. *See adv index at end of book*

2386— Chains (Wagon)

Chain Products Co. ("Bulldog"), 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Larkin J. K. & Co., 253 Bway, New York *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Starr W. C. & Son Co., Indianapolis, Ind.
United States Chain & Forging Co. (Stud Link), Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., (Tailboard) Edgely, Bucks Co., Pa. *See adv index at end of book*

2387— Chains (Welded)

American Chain Co., Bridgeport, Conn.
Blancke A. C. & Co., 602 So. Lake, Chicago, Ill.
Cleveland Chain & Mfg. Co., Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
HOBBS CLINTON E. CO., 37 Pearl, Boston, Mass. *See adv index at end of book*
Mundorf Chain Works, York, Pa.
Newhall Chain Forge & Iron Co., 90 West, New York
Rowe Calk & Chain Co. ("Diamond Quality") Plantsville, Conn.
Speidel J. G., Reading, Pa. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa. *See adv index at end of book*

2388—Chains (Weldless Steel Wire)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co. ("Triumph," "Perfection"), Bridgeport, Conn.
Chain Products Co., Cleveland, Ohio
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*

2389— Chains (Well)

See also Chains, Galvanized Pump

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Garland Mfg. Co. (Also Swing), 1st Nat'l Bank bldg., W. Pittsburgh, Pa.

Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2390— Chains (Windmill)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Products Co. ("Bulldog"), 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O.
See adv index at end of book
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.

2391— Chains (Wrecking)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Fisher C. W., 52H Bway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Hobbs Clinton E. Co., 37 Pearl, Boston, Mass. *See adv index at end of book*
Lebanon Chain Works, Lebanon, Pa.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Penn R. R. & Heenry, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Chain Works, Trenton, N. J.
Woodhouse Wm. Chain Mfg. Co., Edgely, Bucks Co., Pa.
See adv index at end of book

2391a—Chains (Wrought Iron)

Fisher C. W., 52H Bway, New York
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa.
See adv index at end of book
Taylor S. G. Chain Co. (Boom Switch & Towing), 140 S Dearborn, Chicago, Ill.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co., Lebanon, Pa.
WOODHOUSE WM. CHAIN MFG. CO., Edgely, Bucks Co., Pa.
See adv index at end of book

Chair Cane

See Rattan & Reed Manufacturers

2392— Chairs (Barbers')

Archer Mfg. Co., Rochester, N. Y.
Barker Jas., 6th & Cayuga, Phila., Pa.
Hanson Louis Co., 1500 N Kostner av, Chicago, Ill.
Koken Barbers' Supply Co., Sidney & Texas, St. Louis, Mo.
Undeland A. L., Omaha, Neb.

Chairs (Bootblack)

See Chairs, Shoe Shining

Chairs (Cast Iron)

See Fountains, Vases, Etc.; also Settees & Chairs, Iron

2393—Chairs (Combination Step Ladder)

Austell Swing & Ladder Co. ("Miller"), Austell, Ga.
Bent S. & Bros., Gardner, Mass.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Hartwig & Kemper, 405 W. Barre, Baltimore, Md.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holmquist & Co., 2814 W. 26th, Chicago, Ill.
Independent Chair Co., 32 Pitts, Boston, Mass.
Kauffman Mfg. Co., Ashland, O.
Lattimer W. H. & Sons, Orwell, N. Y.
Lewisburg Chair Co., Lewisburg, Pa.
Nichols & Stone Co., Gardner, Mass.
Penn Swing & Ladder Co., Lancaster, Pa.
Steinfeld Bros., 116 W 32d, New York
Stiles H. A. & Co. (Folding), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stokes Wm. A. & Co., 50 Howard, New York
Udell Works, Indianapolis, Ind.
Waite Chair Co., Baldwinsville, Mass.

2394— Chairs (Dental)

Archer Mfg. Co., Rochester, N. Y.
Harvard Co., Canton, O.
Ritter Dental Mfg. Co. ("Ritter"), Rochester, N. Y.
White S. S. Dental Mfg. Co., 211 S. 12th, Phila, Pa.

2395— Chairs (Folding)

Art Bedstead Co. (Bed Folding), 37th & Rockwell, Chicago, Ill.
Burrowes E. T. Co. ("Burrowes Feather Weight"), Portland, Me.
Chicago Wire Chair Co. (Metal Frame), 619 N La Salle av, Chicago, Ill.
Crocker Chair Co., Sheboygan, Wis.
Curtiss Bros. (Camp), Richland, N. Y.
Fold Easy House Mfg. Co., McClure, Pa.
Ford-Johnson Chair Co., 801 S. Wabash av, Chicago, Ill.
Harrison B. J. Mfg. Co. (Camp), Arkville, N. Y.
Hartwig & Kemper, 405 W. Barre, Baltimore, Md.
Harwood's H. J. Sons, 107 Friend, Boston, Mass.
Hettrick Mfg. Co. (Canvas), Toledo, O.
Hincher Mfg. Co., Washington, Ind.
Imperial Bit & Snap Co. (Steel Auto), Racine, Wis.
Kalamazoo Sled Co., Kalamazoo, Mich.
Lattimer W. H. & Sons (Canvas), Orwell, N. Y.
Peabody School Furniture Co., North Manchester, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Premier Chair Corp. ("Premier" Convertible), 36 Bromfield, Boston, Mass.
Readsboro Chair Co. (& Tables), Readsboro, Vt.
Rowles E. W. A. Co., 2345 S La Salle, Chicago, Ill.
Simmons Co., Kenosha, Wis.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. (Also Folding Hammock Swinging Chairs), 116 W 32nd, New York
Stevens Chair Co. (Adjustable), 209 7th, Pittsburgh, Pa.
Sun Mfg. Co. (Camp & Lawn), Columbus, Ohio

2396— Chairs (Invalid)

See also Chairs, Reclining

Am. Nat'l Co., Toledo, Ohio
Bernstein Mfg. Co. (Metal Reclining & Rolling, etc.), 3rd & Allegheny, Phila. Pa.
Bloch Go-Cart Co., 1136 N American, Phila., Pa.
Bomgardner Mfg. Co., 1384 Hird av, Cleveland, O.
CHILD G. F. CHAIR & WHEEL CO., 1753 W Van Buren, Chicago, Ill.
Ford-Johnson Chair Co. ("Curtis"), 801 S. Wabash, Chicago, Ill.
Gendron Wheel Co. ("Gendron"), Toledo, O.
Hartwig & Kemper, 405 W. Barre, Baltimore, Md.
Kalamazoo Sled Co. (Rocking & Reclining), Kalamazoo, Mich
Colson Co. ("Worthington"), Elyria, O.
Premier Chair Corp. ("Premier" Convertible), 36 Bromfield, Boston, Mass.
Sargent Mfg. Co., Muskegon, Mich.
Toledo Metal Wheel Co., Toledo, Ohio

2396a—Chairs (Iron and Canvas)

Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.

2396b—*Chairs (Lunchroom & Cafeteria)

McLean W. B. Mfg. Co. ("Snug"), 729 Herron av, Pittsburgh, Pa.
VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill.
See adv index at end of book

2397— Chairs (Metal)

Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Celina Specialty Co., Celina, O.
Chicago Wire Chair Co. (Chairs, Tables, Stools, etc.), 619 N La Salle av, Chicago, Ill.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Ford-Johnson Chair Co. (Wire Chairs & Tables), 801 S. Wabash, Chicago, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco" Chairs, Stools, Tables, etc.), Framingham, Mass.
Royal Metal Mfg. Co. (Metal Chairs, Tables & Stools of Twisted Metal), 2318 S Western av, Chicago, Ill.

2398— Chairs (Pipe)

General Fire Extinguisher Co., Providence, R. I.

2399— Chairs (Rail)

Columbiana Boiler Co., Columbiana, O.
Lorain Steel Co. (Drop Forged, Used Under Shallow Girder or Tee Rails in Paved Streets), Johnstown, Pa.
Morden Frog & Crossing Works (Head Chairs), 208 S La Salle, Chicago, Ill.
Pettibone, Mulliken & Co. (Sampson Head Chairs), 140 S Dearborn, Chicago, Ill.
Q & C. Co., 90 West, New York
Weir Frog Co., Cincinnati, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Chairs (Rattan)

See Furniture, Rattan & Reed

2400— Chairs (Reclining)

See also Chairs, Invalid

Bernstein Mfg. Co. (Self-Propelling), 3rd & Allegheny, Phila., Pa.
Child G. F. Chair & Wheel Co., 1753 W Van Buren, Chicago, Ill.
Ford-Johnson Chair Co. ("Curtis"), 801 S. Wabash av, Chicago, Ill.
Hartwig & Kemper, 405 W. Barre, Baltimore, Md.
Hubbard Eldredge & Miller, Rochester, N. Y.
Kalamazoo Sled Co., Kalamazoo, Mich.
Phoenix Chair Co., Sheboygan, Wis.
Premier Chair Corp. ("Premier" Convertible), 36 Bromfield, Boston, Mass.
Royal Chair Co., Sturgis, Mich.
Sargent Mfg. Co., Muskegon, Mich.
Scarritt-Comstock Furniture Corp., 317 Washington av, St. Louis, Mo.
Steinfeld Bros. (Porch Comfort, also Swinging), 116 W 32nd, New York
Stevens Chair Co., 209 7th, Pittsburgh, Pa.

2401-2— Chairs (Revolving)

Bent S. & Bros., Gardner, Mass.
Bodenstein & Kuemmerle, Lawrence & Girard, Phila., Pa.
Cleveland Fixture Co., 1305 E. 40th, Cleveland, O.
Closterman H., Atlas Bk. bldg, Cincinnati, O.
Columbus Aseptic Furniture Co., Columbus, Ohio
Cook C. A. Co. ("Quality" Office & Typewriter), Cambridge, Mass.
Crocker Chair Co., Sheboygan, Wis.
Crown Chair Co., Evansville, Ind.
Culler Furniture Co., Williamsport, Pa.
Davis Chair Co. (Office & Typewriter), Marysville, O.
De Frehn W. & Sons, Johnstown, Pa.
Dunn Jno. A. Co., Gardner, Mass.
Ehlers Robert J. Co., 110 W. 40th, New York
Fort Smith Chair Co., Fort Smith, Ark.
Greenwood Associates, Gardner, Mass.
Gunlocke W. H. Chair Co., Wayland, N. Y.
Hale Co., 14 State, New York
Hartwig & Kemper, 405 W. Barre, Baltimore, Md.
Heywood Bros. & Wakefield, Gardner, Mass.
Hubbard, Eldredge & Miller, Rochester, N. Y.
Karpen S. & Bros., 900 S Mich., Chicago, Ill.
Kohn Jacob & Josef, 507 W 26th, New York
Logeman F. H. Chair Mfg. Co., 10th & Mullanphy, St. Louis, Mo.
Marble B. L. Chair Co., Bedford, O.
Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.
Marietta Chair Co., Marietta, O.
Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.
Murphy Chair Co. (Office), D. G. H. & M. Jct., Detroit, Mich.
Ott L. W. Mfg. Co., Indianapolis, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Pierce S. K. & Son, Gardner, Mass.
Poughkeepsie Chair Co., Poughkeepsie, N. Y.
Retting Furniture Co., Grand Rapids, Mich.
Rossell Bros. & Co., 255 S 3d, Phila., Pa.
Royal Metal Mfg. Co., 2318 S Western av, Chicago, Ill.
Sikes Co., 23d & Passyk. av, Phila., Pa.
Sikes Consolidated Chair Co., 30 E 42d, New York
Southern Chair Co., High Point, N. C.
Suitt Bros. Mfg. Co., Cambridge, O.
Taylor Chair Co. (Office), Bedford, O.
Thonet Bros., 43 W 36th, New York
Toledo Metal Furniture Co. (Typewriter), Toledo, O.
Tonk Mfg. Co., 1960 Lewis, Chicago, Ill.
Union City Chair Co., Union City, Pa.
Webster Mfg. Co., Superior, Wis.
White River Chair Co., Brattleboro, Vt.

2403— Chairs (Shoe Shining)

Archer Mfg. Co., Rochester, N. Y.
Buffalo Metal Furniture Mfg. Co. ("Universal"), Buffalo, N. Y.

2404— Chairs (Steamer)

See also Chairs, Reclining

Dillingham Mfg. Co., Sheboygan, Wis.
Harrison B. J. Mfg. Co., Arkville, N. Y.
Hartwig & Kemper, 405 W Barre, Baltimore, Md.
Heywood Bros & Wakefield Co., Gardner, Mass.

CHAIRS (STEAMER)—continued
Mahoney E. H. Chair Co., Gardner, Mass.
Phoenix Chair Co., Sheboygan, Wis.
Readsboro Chair Co., Readsboro, Vt.
Sun Mfg. Co., Columbus, O.

Chairs (Steel)

See Stools, Steel Factory & Office

Chairs (Step Ladder)

See Chairs, Combination Step Ladder

2405— Chalk (Billiard)

American Crayon Co. (White & Colored, "Diamond," "Eureka"), 1300 Hayes av, Sandusky, O.
Spinks Wm. A. & Co., 362 W Erie, Chicago, Ill. *See adv index at end of book*

The Only Manufacturers of Cue Tips in America
WILLIAM A. SPINKS & CO.
manufacturers of
Spinks' Chalk and Tips
Jobbers of Billiard Merchandise
WASCO Trade Mark
362 W. Erie Street Chicago, Ill.

TAINTOR TRADING CO., INC. (Imp.), 24 State, New York
Whitney, J. & F. & Co. (Imp.), 8H Bridge, New York

2406— Chalk (Bowling)

American Crayon Co. (Hand & Foot), 1300 Hayes av, Sandusky, O.

2407-8— Chalk (Carpenters')

Adams, D. C. Crayon Co., 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av, Sandusky, O.

2409— Chalk Mfrs.

American Crayon Co. (Carpenters', Bowling & Billiard), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
Binney & Smith Co. (Domestic), 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Higman Jno. W. Co. (In Bulk, Imp.), 29 B'way, New York.
Palmer Lowell M. Chemical Co., 78 Beekman, New York
Stickney, Tirrell & Co. (Importers), 31 Milk, Boston, Mass.
Taintor H. F. Mfg. Co. (Imp), 2 Rector, New York. Works: Bayonne, N. J.
Thomas Mfg. Co. (Prepared), 117 W Camden, Baltimore, Md.

2410— Chalk (Precipitated)

Anderson-Hillier Co., Inc. (Imp.), 99H John, New York
Chrystal Chas. B. (Imp English), 13 Cliff, New York. *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp), 63 Park Row, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Industrial Chemical Co. (Extra Light, Light & Heavy Grades), 200 5th av, New York
Knappmann Wm. & Co., Grand, Brooklyn, N. Y.
Lathrop H. R. & Co., 116 Beekman, New York
National Aniline & Chemical Co., Inc. ("Sturgie" English), 21 Burling Slip, New York
Palmer Lowell M. Chemical Co., 78 Beekman, New York
Product Sales Co., 32 S Calvert, Baltimore, Md.
Taintor Trading Co., Inc. (Imp.), 24 State, New York
Thomas Mfg. Co. (English), 117 W Camden, Baltimore, Md.
Whittaker Clark & Daniels, Inc. (Imp), 50 Front, New York

2411—Chalk & Masons' Lines

Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
Brownell Co., Moodus, Conn.
Draper W. H. & Sons. (Also Fish Lines), Troy, N. Y.
Gladding B. F. & Co. Also Cotton, Linen & Silk Fish Lines), S Otselic, N. Y.
Lees Mfg. Co. ("Favorite"), Westport, Conn.
Samson Cordage Works, 88 Broad, Boston, Mass.
Silver Lake Co. ("Silver Lake"), Newtonville, Mass.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Turner & Stanton Co., Norwich, Conn.

2412— Chambers (Air)

Anylite Electric Regulator Co., Fort Wayne, Ind.
Buckeye Iron & Brass Works, Dayton, O.
Hamilton Copper & Brass Works, Hamilton, Ohio.
Hercules Float Wks ("Hercules" Seamless Copper), 200 Franklin, Springfield, Mass.
Naugatuck Mfg. Co. (Seamless Copper), Naugatuck, Conn.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

Chambers (Vacuum Drying)

See Vacuum Drying & Impregnating Apparatus

2413— Chamois

Bloch Joseph, 51 Cliff, New York.
Blum R, 108 Pearl, Boston, Mass.
Burk W. B. & Co., 6th & Arch, Phila., Pa.
Carbondale Sponge Co., 89 Fulton, New York
Drueding Bros. Co., 5th & Master, Phila., Pa.
Fuchs Max Co., 244 Pearl, New York
Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.
Isaacs A. & Co., 58 Beekman, New York
Lampel F. L. (Imported), 315 Locust, St. Louis, Mo.
Lasker & Bernstein ("Red Seal"), 161 William, New York
Leousi, Clonney & Co., 39 Walker, New York
Moses A. Sons & Co., 47 Ann, New York
Nassau Sponge Co. (Skins), 234 W Lake, Chicago, Ill.
National Sponge & Chamois Co., 158 William, New York
Niehaus Jos. Co., 341 W 4th, Cincinnati, O.
White Son Co., 540 Atlantic av, Boston, Mass.
Young Richard Co., 36 Spruce, New York

2413a— Chandlery (Ship)

Baltimore Ship Supply Co., 28 So Charles, Baltimore, Md.
Carlon, F. K., Inc., Norfolk, Va.
Hogshire, E. Son & Co., 133 West, Norfolk, Va.
International Ship Fittings & Supply, 212-214 Fulton, Brooklyn, N. Y.
Marine Equipment Co., Norfolk, Va.
Reyner J. & Son, Inc., Newport News, Va.
Steamship & Shipyard Equipt Co., 113H Broad, New York
Swett C. T. Co., 184H Commercial, Portland, Ore.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Upson Walton Co., 1294 W 11th, Cleveland, Ohio
Walker, Jas Co., 123 Light, Baltimore, Md.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Williams & Wells Co., 253 Fulton, New York
Wood, Thos. F., Dept H, Wilmington, Del.
Woodward, Wight & Co., Ltd., Howard av & Constance, New Orleans, La.

Changers (Lamp)

See Replacers, Incandescent Lamp

2414-15— Changers (Pole)

Cameron Appliance Co., 48 Waters av, Everett, Mass.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Warner Electric Co., Muncie, Ind.

2416— Chaplets (Foundry)

See also Foundry Facings & Supplies
Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, O.
Burdick & Son (Core), Albany, N. Y.
Cheney S. & Son ("Erie" Grey Iron), Manlius, N. Y.
Cleveland Chaplet & Mfg. Co., 1197 W. 67th, N. W. Cleveland, O.
COMBINED SUPPLY & EQUIPMENT CO., INC. ("Angle Stem" & "Double Angel"), 766-772 Grant av, Buffalo, N. Y.
Crescent Brass & Pin Co., 5766H Trumbull, Detroit, Mich.
Fanner Mfg. Co. (Radiator, Wrought Iron, etc), Cleveland, O.
Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book

CHAPLETS (Foundry)
GEM GUARANTEE GOOD
GEM MFG. CO., Pittsburgh, Pa.

HILL & GRIFFITH CO. ("Haskins" Ventilated, "Peerless" Perforated, 1248 State av, Cincinnati, O. & Birmingham, Ala., Chicago, Ill.
See adv index at end of book
Hohlfelder F. Co., 1197 W. 67th, Cleveland, O.
Lindsay Chaplet & Mfg. Co. ("Lindsay"), Harrison bldg, Phila., Pa.
Lovejoy C. H. Chaplet Co., Cambridge, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Obermayer, S. Co., 2563 W. 18th, Chicago, Ill.
One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
Patent Specialty Supply Co., Shushan, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Chaplet & Mfg. Co., School la & P & R Ry, Wiss, Phila., Pa.
Pratt Chuck Co., Frankport, N. Y.
Shanafelt Mfg. Co., Canton, O.
United States Chaplet & Supply Co. (Tin Shell, Wrought Iron, Hinge Tubes, etc), 140 Cedar, New York

2417— Chaplets (Radiator)

Crescent Brass & Pin Co. (Double Head Chaplets), 1150 Trumbull, Detroit, Mich.
Pratt Chuck Co., Frankport, N. Y.

2418— Char Filters & Kiln

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Joubert & Goslin Machine & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Steacy-Schmidt Mfg. Co., York, Pa.

2419— Charcoal

Alabama Charcoal Co., Kansas City, Mo.
Ballard J. W. Co., Binghamton, N. Y.
Barnitz Geo. A., York, Pa.
Bell & Gossett (Leather), 609 W. 30th, Chicago, Ill.
Berger Bros., 1186 Cherry av, Chicago, Ill.
Boyne City Chemical Co., Boyne City, Mich.
Buckannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co. (Retort), Cadillac, Mich.
Charcoal Supply Co. (Lump, Granulated & Powdered), 1186 Cherry av, Chicago, Ill.
Chatham Mfg. Co., Savannah, Ga.
Chemical Charcoal Co. (Chemical), 195 Fillmore av, Buffalo, N. Y.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Clifford Bros., Ft. Wayne, Ind.
Cliffs Chemical Co., Goodman, Wis.
Coryville Chemical Co., Bradford, Pa.
Covey Durham Co. (Wholesale), 431 S Dearborn, Chicago, Ill.
Crescent Charcoal Co. (Lump), Columbiana, Ala.
Cummer-Diggins Co. (Retort), Cadillac, Mich.
Day Chemical Co., Westline, Pa.
Doggett Stanley (Powdered), 11 Cliff, New York
DU PONT E I DE NEMOURS & CO., INC., (Sales Dept, Explosives Div.) (Hardwood & Willow), Wilmington, Del.
See adv index at end of book
Eastwood Chemical Co., Belleville, N. J.
Florida Wood Products Co., Jacksonville, Fla.
Forest Products Co., 1212 Whitney, New Orleans, La.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Karshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Industrial Chemical Co. (Powdered & Granulated), 200 5th av, New York
James Mfg. Co., Kane, Pa.
Keery Thos. Co., Hancock, N. Y.
Kingsport Wood Reduction Co., Kingsport, Tenn.
Lewis Run Mfg. Co., Bradford, Pa.
Long Island Charcoal Co., 212 24th, Brooklyn, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
MacKellar's R. Sons Co. (Powdered & Granulated), Peekskill, N. Y.
Manufacturers' Charcoal Co., Bradford, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
Maskek Chemical & Iron Co., Wells, Mich.
Mitchell-Diggins Iron Co., Cadillac, Mich.
Mt. Hope Chemical Charcoal Works, Mt. Hope, Pa.
Newman E. B. Charcoal Co. (Lump Pulverized & Granulated), 548 W 25th, New York
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswayo Chemical Co., Bradford, Pa.
Pacific Guano & Fertilizer Co., 343 Sansome, San Francisco, Cal.
Perry-Hanna Mercantile Co., Beaty, Ark.
Phipps Charcoal Co. (Lump, Granulated & Powdered or Pulverized Hardwood), Ironton, Ohio
Rasmussen Charcoal & Fuel Co, St. Paul, Minn.
Rowand John R. (Re-carbonized, Pulverized & Granulated), Clementon, N. J.
Russell Chemical Co. (Ltd.), Russell, Pa.
Smith A. B. Chemical Co., Buffalo, N. Y.
Smith Oscar & Son (Chemical), Albany, N. Y.

Springfield Facing Co. (In Every Form), Springfield, Mass.
See adv index at end of book
Standard Charcoal Co., Bradford, Pa.
Sullivan Chemical Co., Acidalia, N. Y.
Union Charcoal Co., Straight, Pa.
Weirton Steel Co., Weirton, W. Va.
Wiarda John C. & Co. (Powdered), 273 Greene, Brooklyn, N. Y.
Wittig F. & Co. (Lump, Granulated & Powdered), 36th & Greenfield av, Milwaukee, Wis.
Wright T. B. & Co. (Granulated & Pulverized), Mariners' & Merchants' bldg, Phila., Pa.
Wyman Chemical Co. (Chemical), Port Allegheny, Pa.

2419a— Charcoal (Animal)

Baugh & Sons Co., 20 S. Delaware av, Phila., Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

2420— Charcoal (Bone)

Baugh & Sons Co. (Animal Charcoal), 20 S. Delaware av, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Empire Carbon Works, 415 Locust, St. Louis, Mo.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Seaver & Co., 120 Milk, Boston, Mass.

2421—Charging Sets (Automobile)

Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
Fore Elecl. Mfg. Co., 5255 N. Market, St. Louis, Mo.
GENERAL ELECTRIC CO. (Arc Rectifier), Schenectady, N. Y.
See adv index at end of book
Lincoln Electric Co., Cleveland, O.
Richardson Engineering & Mfg. Co., Hartford, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2421a—Charging Sets (Storage Battery)

Beacon Rectifier, Inc., Hyde Park, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Eck Dynamo & Motor Co., Belleville, N. J.
Elect'l Testing Co., Peoria, Ill.
Ellington Elec. Co., Quincy, Ill.
Fore Elec. Mfg. Co., St. Louis, Mo.
Hobart Bros. Co., Troy, O.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Ideal Elec. & Mfg. Co., Mansfield, O.
Independent Elec. Machy. Co., 1917 Central, Kansas City, Mo.
Jantz & Leist Electric Co., Cincinnati, O.
Kenrick & Davis Co., Lebanon, N. H.
Main Elec. Co. ("Main Light"), Cleveland, Ohio
Nat. Elec. Controller Co., 154 Whiting, Chicago, Ill.
Reliance Instrument Co., 1313 Moorman, Chicago, Ill.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Russell E. L. Co., State Life bldg, Indianapolis, Ind.
Stahl Rectifier Co. ("Stahl Magfixer"), 1401 W Jackson blvd, Chicago, Ill.
Standard Electric Time Co. ("Standard," Automatic, Electrolytic, Hot Bulb or Motor Generator), Springfield, Mass.
Titan Engineering Co., Union City, Ind.
Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.

2422—Charts (Hydrographic)

Rupp Michael & Co. (Imp.), 112 Broad, New York

2423— Chasers (Pipe Tap)

Pratt & Whitney Co., Hartford, Conn.

2424— Chasers (Screw)

Brubaker W. L. & Bros., Millersburg, Pa.
Card S. W. Mfg. Co., Mansfield, Mass.
Geometric Tool Co. ("Geometric" Chaser or Die Grinder), New Haven, Conn.
Polk A. J. & Son Co., Millersburg, Pa.

2425— Chases (Printers')

American Steel Chase Co. (All Steel), 88 Park row, New York
Golding Mfg. Co. (Electrically Welded), Franklin, Mass.
Schultz F. & Co., 164 N Clinton, Chicago, Ill.

2426—Check Blanks (Brass)

Dickey Grabler Works, of the Bankers Savings & Credit System Co., W. Madison & 103rd, Cleveland, Ohio
Niagara Falls Metal Stamping Works (Also Aluminum), Niagara Falls, N.Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Scovill Mfg. Co. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Time & Emery Co., 9 S Clinton, Chicago, Ill.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

2427— Check Perforators

Am. Perforating Co., Chicago, Ill.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Cummins Perforator Co., 4740 W Ravenswood av, Chicago, Ill.
Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
New Era Mfg. Co., 450 4th av, New York
Pritchard Stamping Co., Rochester, N. Y.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Wesley Mfg. Co., 31 Beekman, New York

2428— Check Protectors

Atwater S. I. ("Alligator"), 101 Lafayette, New York
Cummins Perforator Co., 4740 W Ravenswood av, Chicago, Ill.
Defiance Checkwriter Corp., Rochester, N. Y.
F. & E. Check Protecting System (Machines), 227 W. Erie, Chicago, Ill.
Hedman Mfg. Co. ("F. & E."), 227 W Erie, Chicago, Ill.
Hill-Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinker Co., 369 Market, San Francisco, Cal.
National Check Protection Co. (Machine), Minneapolis, Minn.
Perfection Check Protector Co. (Hand), Williamsport, Pa.
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Todd Protectograph Co. ("Protectograph," also "Protod" Forgery-Proof Checks & Drafts), 1050 University av, Rochester, N. Y.

2428a— Checkers

See also Toys, Games & Novelties

BOGERT & HOPPER, INC. (Wooden), 57 Barclay, New York
See adv index at end of book
California Plow Co., 140 Polhenus, San Jose, Cal.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation (Ivory & Composition), 831 S Main, Waterbury, Conn. *See adv index at end of book*

2429— Checks (Baggage)

American Railway Supply Co., 134 Charles, New York
Black A. S., 206 Longworth, Cincinnati, Ohio
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Century Rubber Stamp Works, 551 Pearl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Denney Tag Co., West Chester, Pa.
Dickey-Grabler Wks. (Brass), W Madison & 103rd, Cleveland, O.
Dorman J. F. W. Co. (Brass), 526 N Calvert, Baltimore, Md.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
International Tag Co. (Paper & Cloth), 319 N Whipple, Chicago, Ill.
Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J., & Co., 36 S. Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co. (& Key), 369 Market, San Francisco, Cal.
Mulinari P., 118 Light, Baltimore, Md.
New York Stencil Works, 100 Nassau, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Pannier Bros Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Robbins John Mfg. Co. (Also Red Fibre Key Tags), 58 Kneeland, Boston, Mass.
Sackman Mfg. Co. (Brass & Aluminum, for All Purposes), Akron, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stafford N. Co., 67 Fulton, New York
Stewart R. A. & Co. (Brass), 201 B'way, New York
Volk Stamp & Stencil Co., 115 Griswold, Detroit, Mich.
Waterbury Button Corporation (Metal), 831 S Main, Waterbury, Conn.
See adv index at end of book
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

2429a— Checks (Cash)

Celluloid Co., 36 Washington pl, New York
Century Rubber Stamp Works, 551 Pearl, New York
Matthews James H. & Co. (Trade), 3942 Forbes, Pittsburgh, Pa.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

2430— Checks (Celluloid)

Celluloid Co. (Cash, etc), 36 Washington pl, New York
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

2431—Checks (Factory Time)

Century Rubber Stamp Works, 551 Pearl, New York
Continental Fibre Co. (Hard Fibre), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Fibre), Employes), Wilmington, Del.
See adv index at end of book
Delaware Hard Fibre Co. (Fibre, "Egyptian"), Wilmington, Del.
See adv index at end of book
Kautz, Fred C. & Co., 2633 W. Lake, Chicago, Ill.
Matthews James H. & Co. (Pay & Time), 3942 Forbes, Pittsburgh, Pa.
Pannier Bros Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
R. & S. Engraving & Die Works, 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book

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Wilmington Fibre Specialty Co. (Fibre), Wilmington, Del.

2431a— *Checks (Fibre)

Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*
Spencer, S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

2432— Checks (Screen Door)

Arcade Mfg. Co. ('Warner'), Freeport, Ill.
Caldwell Mfg. Co. ("Caldwell & Dime"), Rochester, N. Y.
Dickey Grabler Works, of the Bankers Savings & Credit System Co., W. Madison & 103rd, Cleveland, Ohio
Dunn Mfg. Co., Mankato, Minn.
Pannier Bros Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Sargent & Co. ("The No Slam"), New Haven, Conn.
Superior Spring Hinge Co. ("Superior"), 136 W Lake, Chicago, Ill.
Yale & Towne Co. ("Yale"), Dept. H, Stamford, Conn.

2432a— Checks (Tool)

Century Rubber Stamp Works, 551 Pearl, New York
Kautz, Fred C. & Co., 2633 W. Lake, Chicago, Ill.
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
R. & S. Engraving & Die Works, 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book

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2433— Checks (Trade)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Aluminum Container Corp. (Aluminum), Fulton, N. Y.
Aluminium Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Railway Supply Co., 134 Charles, New York
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Pannier Bros Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Swisher R. D. Mfg. Co., 415H S Clinton, Chicago, Ill.
Waterbury Button Corp., 831 S. Main, Waterbury, Conn.
See adv index at end of book

2434— Chemical Apparatus

Abbe, Paul O., Inc., 924 Johnston bldg, New York
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
American Scientific Instrument Co., 50 John, New York
Atlas Laboratory Equipment Bureau, 731 No Wells, Chicago, Ill.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Baker F. M. Apparatus Co. (Dealers), Syracuse, N. Y.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Bausch & Lomb Optical Co., Rochester, N. Y.
Berge J. & H., 95 John, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braun Corporation, 363 New High, Los Angeles, Cal.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Caire Justinian Co., 573 Market, San Francisco, Cal.
Chicago Apparatus Co., 32 S Clinton, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Denver Fireclay Co., Denver, Colo.
Devine J. P. Co., Buffalo, N. Y.
DU PONT E I DE NEMOURS & CO., INC., Sales Dept, Chemical Products Div. (All Kinds), Wilmington, Del.
See adv index at end of book
Eimer & Amend, 205 3d av, New York
Elyria Enameled Products Co. (For Chemical & Food Manufacturing), Elyria, O
Feidt Geo. D. & Co., 244 N 5th, Phila., Pa.
Garrigue Wm. & Co., 154 Nassu, New York, & Chicago, Ill.
Gerstein Bros. & Cooper, 3 W 3d, South Boston, Mass.
Graham Chas. Chemical Pottery Works, ("Stoneware," Acid Proof), 986 Met. av, Brooklyn, N. Y.
Greiner Emil Co., 55 Fulton, New York
Heil Henry Chemical Co., St. Louis, Mo.
International Instrument Co., 23 Church, Cambridge, Mass.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Klipstein A. & Co., 644 Greenwich, New York
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
LUMMUS WALTER E. CO., 171 Milk, Boston, Mass.
Metz, H. A. Laboratories (Inc.) (Pharmaceutical), 122 Hudson, N. J.
Nassau Valve & Pump Corp., Rockville Centre, Long Island, N. Y.
Queen-Gray Co., 64H W. Johnson, Phila., Pa.
Sargent E. H. & Co., 105 E Superior, Chicago, Ill.
Schaefer E., 1320-22 N. 5th, Phila., Pa.
Schaar & Co., 566H, W. Jackson blvd, Chicago, Ill.
Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
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Stoelting C. H. Co., 3047 Carroll av, Chicago, Ill.
Superior Foundry Co. (Also Special Equipment), Dept H, E. 71st & W. & L. E. Ry., Cleveland, Ohio
Taunton Crucible Wks. (Black Lead Crucibles, Stoppers, Nozzles, Covers, Dips, Basins, Stirrers, Domes, etc, for Assayers & Refiners), Taunton, Mass.
Thermal Syndicate (Ltd.) ("Vitreosil" Pure Fused Silica Ware, Imp), 50 E 41st, New York
Thomas, A. H. Co. (Dealers), W. Washington, Sq., Philadelphia, Pa.
Tool Engng. Works, 56 Liberty, New York
Turi Engineering Work, 39 Cortlandt, New York
University Apparatus Co., 2229 McGee av, Berkeley, Cal.

2435—Chemical Feed Devices For Water Treatment

Builders' Iron Foundry, 9 Codding, Providence, R. I.
N. Y. Continental Jewell Filtration Co., Nutley, N. J.
Scaife Wm. B. Sons Co., 1st Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

2435a— Chemical Porcelain

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Ohio Pottery Co. ("Ohio"), Zanesville, O.

2436—Chemicalizers for Street-Alley Flushing

Thompson Walter M., 1427 Plum, Cincinnati, O.

2437— Chemicals

*** Indicates Manufacturers**
See also index for specific item desired

***Abbott Laboratories, 4753 Ravenswood av, Chicago, Ill.**
***Adler Color & Chemical Wks., 100 William, New York**
***Alba Mfg. Co., Aurora, Ill.**
***Alcohol Products Co., Newark, N. J.**
***American Agricultural Chemical Co., 2 Rector, New York**
American Aniline Products, Inc., 80 5th av, New York
American Chemical Paint Co. ("Deoxylyte" for Pickling Metal Testing & Rust Proofing, "Lithoform" Adhesive Painting), 1118 So. 11th, Phila., Pa.
***American Cynamid Co., 511 5th av, New York**
American Trading Co., 25 Broad, New York
American Zinc & Chemical Co., 61 B'way, New York
***Ames Merritt Chemical Works, Glens Falls, N. Y.**
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Apothecaries Hall Co. (Industrial Chemicals), Waterbury, Conn.
***Arminius Chemical Co., 44 Pine, New York**
Arner Fred C. (In Bulk Only), Buffalo, N. Y.
Ashcraft, Wilkinson Co. (Jobbers), Candler bldg, Atlanta, Ga.
Aspinwall Geo. H., Inc., Cornellson av, Jersey City, N. J.
Atlas Powder Co., 140 No Broad, Phila, Pa. *See adv index at end of book*
***Atteaux F. E. & Co., 174 Purchase, Boston, Mass.**
***Avery Chemical Co., 88 Broad, Boston, Mass.**
Baker H. J. & Bros. (Imp. heavy), 81 Fulton, New York
Baltic Chemical Co. (Textile), 169 Reade, New York
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
***Barrett Co., 17 Battery pl, New York**
***Batelle & Renwick (Imp.), 80 Maiden la, New York**
***Baugh & Sons Co., 20 S. Delaware av, Phila., Pa.**
Bausch & Lomb Optical Co., Rochester, N. Y.
***Bayway Chemical Co., Elizabeth, N. J.**
***Beckwith Chemical Co., 35th & Grays** Ferry av, Phila., Pa.
Behrend F., 170 Front, New York
Bell & Gossett Co. ("Casite" case hardening), 609H, W. 30th, Chicago, Ill.
Berry Dernoville & Co. (& Drugs, Pharmaceuticals, etc.), Nashville, Tenn.
***Binney & Smith Co., 81 Fulton, New York**
Bird J. A. & W. & Co. (Heavy, Importers & Mfrs Agents), 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imp.), 451 Washington, New York
Blue Seal Chemicals Co. (Drain Pipe Solvents), 424 Broome, New York
***Bower Henry Chemical Mfg. Co., 29th &** Gray's Ferry rd, Phila., Pa.
BRAUN-KNECHT-HEIMANN CO. (Industrial, Analytical Imports), 576-584 Mission, San Francisco, Cal.
Breslauer A. (All Kinds of Industrial Chemicals, including Soda Ash, Caustic Soda, Bi-Carbonate Soda, Calcium Chloride, Cyanide Potassium, Eucalyptus Oil, Rosin, Dyestuffs), Am. Nat'l Bank bldg, San Francisco, Cal.
Brewer & Co. (Pharmaceuticals), 221 Commercial, Worcester, Mass.
Bristol-Myers Co. (Pharmaceuticals), 281 Greene av, Brooklyn, N. Y.
***Bulls Ferry Chemical Co., Shadyside,** N. J.
***Burroughs Bros. Mfg. Co., Coca Cola** bldg, Baltimore, Md.
Bush Beach & Gent (Paper Makers), 80 Maiden la, New York
***BUTTERWORTH - JUDSON CORP.,** 61 B'way, New York
See adv index at end of book
*Calco Chemical Co., Bound Brook, N. J.
Campbell, C. W. (Industrial), 11 Cliff, New York
***Campbell, John & Co., 75 Hudson, New** York
***Campbell P. D. Co. (Raw), 401 E 36th,** New York
***Canton Fertilizer & Chemical Co., Canton,** O.
Caravel Co. (Brokers), 13-21 Park av, New York
***Central Chemical Co., 115 W Washington,** Chicago, Ill.
***Central Dyestuffs & Chemical Co., Newark, N. J.**
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chenecraft Co. (Imp.), 101 W 42nd, New York
Chemical Supply Co. (Disinfectants, Insecticides), 2450 Canal rd, Cleveland, O.
***Chicago Copper & Chemical Co., Western** Union bldg, Chicago, Ill.
Chrystal Charles B., 13 Cliff, New York
See adv index at end of book
Clark Fred G. Co. (Heavy Chemicals, for Wholesale Trade Only), 1081 W 11th, Cleveland, O.
***Cleveland Cliffs Iron Co., Cleveland, O.**
***Cochrane Chemical Co., 148 State, Boston.** Mass.
***Columbia Chemical Co., Pittsburgh, Pa.**
***Commercial Chemical Co., 5721 W. 66th,** Chicago, Ill.
Commonwealth Chemical Corp., 15 Park row, New York
Consolidated Chemical Co., Kane, Pa.
***Consolidated Color & Chemical Co., 122** Hudson, New York
***Contact Process Co., Buffalo, N. Y.**
Continental Salt & Chemical Co., 16 California, San Francisco, Cal.
Cooper Chas. & Co., 194 Worth, New York
Cooper & Cooper (Imp.), 23 Cliff, New York
***Coryville Chemical Co., Bradford, Pa.**
Crescent Chemical Co., 2314 Wood, Phila., Pa.
Cronkhite Co., Inc. (Industrial), 185 Devonshire, Boston, Mass.
***Crown Chemical Co., Indianapolis, Ind.**
Daigger A. & Co., 54 W. Kinzie, Chicago, Ill.
DANA & CO., INC. (Heavy), 111 B'way, New York
*Davison Chemical Co., Garrett bldg., Baltimore, Md.

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ington, Chicago, Ill.
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Dill-Crosett, Inc. (Importer), 235 Pine, San Francisco, Cal.
Doggett Stanley, 11 Cliff, New York
*Dow Chemical Co., Midland, Mich.
Drake & Co., 904 Trks Hd. bldg, Providence, R. I.
Drakenfeld B. F. & Co. (Importers), 50 Murray, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Durese Chemical Corpn. (Industrial & Rubber), 320 Fifth av, New York
Durex Chemical Corp. (Industrial & Rubber), 320 5th av, New York
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Eimer & Amend (Jobbers, etc), 205 3d av, New York
*Erkenbrach Geo. A. Co., 115 Maiden lane, New York
Eureka Fluid Wks. (Embalming Fluids), 1209 Valencia, San Francisco, Cal.
Farmingdale Chemical Wks., Inc. (Heavy), Farmingdale, L. I., N. Y.
Fearon Brown Co. (Imp.), 96 Wall, New York *See adv index at end of book*
*Federal Chemical Co., Louisville, Ky.
FERGUSSON ALEX C., JR., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Forbes Chas. M., Crocker bldg, San Francisco, Cal.
*Francis Chemical Co., 131 Washington, Providence, R. I.
Francesconi J. C. & Co. (Brokers), 23 Beaver, New York
Fuerst Bros. & Co., 2 Stone, New York
Garrigues, Chas. F. Co. (Brokers), 54H Wall, New York
*General Chemical Co., 25 Broad, New York
General Commercial Co., Ltd., of U. S. (Imp. of Industrial), 295 B'way, New York
Gledhill Chas. F. Co. (Imp.), 41 Park row, New York
Globe Chemical Co., 727H Ridgeway av, Cincinnati, Ohio
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*Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Greeff R. W. & Co. (Imptrs), 80 Maiden lane, New York
Hachmeister-Lind Chemical Co. (Barium Cyanide), Pittsburgh, Pa.
Hanover Chem. Works, Inc., 72 Cliff, New York
Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, Ohio
*Hendey Chemical Co., 72 Trinity place, New York
*Hercules Chemical Works, 1452H N. Wells, Chicago, Ill.

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*Herf & Frerichs Chemical Co., 932 Pierce bldg, St. Louis, Mo.
HERRICK & VOIGHT (for the Textile Trade), 68 Maiden lane, New York
*Heyden Chemical Works, Garfield, N. J.
*Highfield John W. (& Imp.), 248 N. 10th, Brooklyn, N. Y.
Hill C. W. Chemical Co. (Industrial), 623 S San Pedro, Los Angeles, Cal.
Hirschfeldt Jules & Co., 154 Nassau, New York
Holliday-Kemp Co., 90 William, New York
Holz & Co., Inc. (for Steel Works), 18 Madison av, New York
See adv index at end of book
*Hooker Electro Chemical Co., 40 Wall, New York
*Huntington Chemical Co., 970 Tipton, Huntington, Ind.
*Iliff-Bruff Chemical Co. ("Snow White" Phosphate), Hoopeston, Ill.
*Industrial Chemical Co., 200 5th av, New York
*Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York
See adv index at end of book
International Chemical Co. (For Cleaning Metal Wks.), Camden, N. J.
Jarecki Chemical Co., Sandusky, O.
Jobbins Wm. F. (Bleaching, "Excelsior," Paragon & Persulphate of Iron), Aurora, Ill.
Jordan Com. E., Inc., G. M., 11 Cliff, New York
Jordan W. H. & F. Jr., Inc. (Imp.), 124 Water, New York
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
*Joslin Schmidt Co., 3223 Spring Grove av, Cincinnati, O.
*Kalbfleisch Corp., 31 Union sq, New York
*Kali Mfg. Co. (Textile), 1406 N Front, Phila., Pa.
Kalish Chemical Products Co., 63 Park row, New York
Katzenbach & Bullock Co., 440 Washington, New York
*Keery Chemical Co., Hancock, N. Y.
*Keery Thos. Co., Hancock, N. Y.
*King E. F. & Co., Inc. (& Imp.), 367 Atlantic av, Boston, Mass.
Kirk Walter R., 327 S La Salle, Chicago, Ill.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Kuttroff Pickhardt & Co. (Imp), 128 Duane, New York
*Lackawanna Chemical Co., Straight, Pa.
Lambert Chemical Co. (Importers), St. Louis, Mo.
La Mont Chemical Co., Kane, Pa.
Lazard Godchaux Co. (Imp.), 100 William, New York
Lehigh Chemical Co., Allentown, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Lieber H. & Co., 14 Platt, New York
Lockport Chemical Wks., Lockport, Ill.
*M. & B. Chemical Co., Dept H, Johnson City, Tenn.
*Mallinckrodt Chemical Works, 2d and Mallinckrodt, St. Louis, Mo.
Marble J. Russel & Co. (Heavy), Worcester, Mass.
Marden, Orth & Hastings Co. ("Mohco") (Imp. & Exp.), 136 Liberty, New York
Martin Hoyt & Milne, Inc. (Imp.), 465 California, San Francisco, Cal.
*Marvindale Chemical Co., Bradford, Pa.
Matheson & Atkinson, 354 Fourth av, New York
Mathieson Alkali Wks., Inc., Niagara Falls, N. Y.
*Mechling Bros. Mfg. Co., Camden, N. J.
*Merck & Co., (Lithium Salts), 45 Park Pl, New York
*Merrimac Chemical Co., 148 State, Boston, Mass.
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*National Chemical Co. of Cal., 526 S Alameda, Los Angeles, Cal.
*National Color & Chemical Wks., 59th & 11th ave, New York
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*Naugatuck Chemical Co. (Heavy), Naugatuck, Conn.
Newport Chemical Wks., Milwaukee, Wis.
*Niagara Electro Chemical Co. (Metallic Sodium & Sodium Peroxide), Niagara Falls, N. Y.
Nitrogenous Chemical Corpn., West End Trust bldg, Phila., Pa.
North American Chemical & Engineering Co. (For Boiler Feed Water Treatment), 23 Old Slip, New York
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Olivoint Chemical Co., 4273 California, San Francisco, Cal.
*Onyx Oil & Chemical Co., Jersey City, N. J.
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Standard Scientific Co., 10 5th av, New York
*Stein, Hirsh & Co., 61 B'way, New York
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*Taylor Chemical Co., Penn Yan, N. Y.
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*Thayer Henry & Co., Cambridge, Mass.
*Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Tower Chemical Co., 13 Park row, New York
*Transatlantic Chemical Corp., Linden, N. J.
U. S. Industrial Chemical Co., 27H William, New York
Uhlich Paul & Co. (Imported & Domestic), 11 Cliff, New York
*United Chemical Companies, Kansas City, Mo.
United States Color & Chemical Co. (Mfrs. & Imptrs.) (Colors, Nigrosines & Anthanol Chrome Specialties), 15 Custom House, Boston, Mass.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
Vanadium Corp. of Am., Equitable bldg, New York
*Van Schaack Bros. Chemical Wks., 3358 Avondale av, Chicago, Ill.
*Vass Chemical Co., Danbury, Conn.
Vera Chemical Co. (Papermakers) Sizings, Rosin), N. Milwaukee, Wis.
*Virginia-Carolina Chemical Co., Richmond, Va.

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*Warner Chemical Co., 52 Vanderbilt av, New York
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*Western Aniline Products Co., Hammond, Ind.
*Western Chemical Products Co., 210 N Canal, Chicago, Ill.
*White Tar Co. (Dealers), John & Cliff, New York
White Tar Co. of N. J. (Creosote Oil & Crude Carbolic Acid), 56 Vesey, New York
Whitelaw Bros. Chemical Co. (Dealers), 316 S. Commercial, St. Louis, Mo.
Wiarda John C. & Co. (For Glass, Enamel, Pottery, Textile, Steel, Varnish, Nickel & Electroplaters', etc), 273 Greene, Brooklyn, N. Y.
Will Corp., Dept. H, Rochester, N. Y.
*Williamsburg Chemical Co. (Textile), 230 Morgan av, Brooklyn, N. Y.
*Wilson Chemical Co., Tyrone, Pa.
Winkler Isaac & Bro. Co. (Whol.), 1st Nat. Bank bldg, Cincinnati, O.
*Wolf Jacques & Co. (Textile, etc.), Passaic, N. J.
Worden Chemical Wks. (Textile), 4 Cedar, New York
*Wright Chemical Co., Susquehanna, Pa.
*Yale C. I. Co., Yalesville, Conn.

2438—Chemicals (Aromatic-Synthetic)

Bush W. J. & Co., Inc., 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York

2438a— Chemicals (Battery)

Baker & Winsor (Blue Vitriol), 189 Eddy, Providence, R. I.
Butterworth-Judson Corp. (Blue Vitriol), 61 B'way, New York
See adv index at end of book
Chemical Importing & Mfg. Co. (Jobbers), 90 West, New York
Clendenin Bros. (Blue Vitriol), Central av & Fawn, Baltimore, Md.
Contact Process Co., Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Doggett Stanley, 11 Cliff, New York
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Elmer & Amend, 205 3d av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fergusson Bros. (Blue Vitriol), 109 Chestnut, Phila., Pa.
General Chemical Co. (Blue Vitriol, etc), 25 Broad, New York
Globe Chemical Co., 727H Ridgeway av, Cincinnati, O.
Grasselli Chemical Co. (Blue Vitriol, Storage Battery Acid), Guardian bldg, Cleveland, O.
Harding & Fancourt, 516 S Del., Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc. (Blue Vitriol Jobbers), 46 Cliff, New York
See adv index at end of book
Jaeck Hector C., 215 Russell, Brooklyn, N. Y.
King Chemical Co. (Blue Vitriol), Bound Brook, N. J.
Klipstein A. & Co., 644 Greenwich, New York
Lehigh Chemical Co., Allentown, Pa.
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
National Zinc Co. (Battery Acid, etc), 61 B'way, New York
Nichols Copper Co. (Blue Vitriol), 25 Broad, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Riverside Acid Wks., Warren, Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Western Chemical Mfg. Co., Denver, Colo.
White S. S. Dental Mfg. Co., 211 S. 12th, Phila., Pa.
Wiarda John C. & Co. (Blue Vitriol), 273 Greene, Brooklyn, N. Y.

2438b—Chemicals (Electroplaters)

Asphaltum & Chemical Products Co., Park Row bldg, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

2439—Chemicals (Enamelers' & Glass Makers')

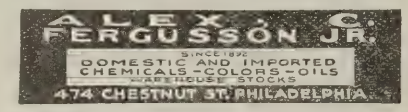
Daigger A. & Co., 54 Kinzie, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant, E. M. Co., 15 E. 26th, New York
See adv index at end of book
Wiarda J. C. & Co., 273 Greene, Brooklyn, N. Y.

2440—Chemicals (Fireworks)

Chemical Importing & Mfg. Co. (Selling Agents), 90 West, New York
Farmingdale Chemical Wks., Inc., Farmingdale, L. I., N. Y.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Mecca Machinery Co., 85-87 Adams, Brooklyn, N. Y.
See adv index at end of book

2440a— Chemicals (Heavy)

Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
DU PONT E I. DE NEMOURS & CO., INC., Sales Dept., Acid & Heavy Chemical Div., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Frazer & Co., 50 Church, New York
Kirk, W. R., 327 S. La Salle, Chicago, Ill.
Meyer, Wilson & Co. (Importers), 485H California, San Francisco, Cal.
Sergeant, E. M. Co., 15 E. 26th, New York
See adv index at end of book

2440b— Chemicals (Laundry)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hooker Electrochemical Co., 40 Wall, New York
Solvay Process Co., Syracuse, N. Y.
Sterling Products Co., Inc., Easton, Pa.
Trico Chemical Co., Inc., Buffalo, N. Y.
Warner Chemical Co., 52 Vanderbilt av, New York
Winkler Isaac & Bro. Co., 1st Nat'l Bank bldg, Cincinnati, O.

2441—Chemicals (Mantle, Incandescent Light)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant, E. M. Co., 15 E. 26th, New York
See adv index at end of book

Chemicals (Nickel & Electroplating)

See index of contents for specific item desired

2441a—Chemicals (Perfumers)

Chiris Antoine Co., 20 Platt, New York
National Aniline & Chemical Co., 21 Burling slip, New York
Organic Products Corp., Schenectady, N. Y.
Rockhill & Victor, 22 Cliff, New York
Sergeant, E. M. Co., 15 E. 26th, New York
See adv index at end of book
Van Dyk & Co., 6 Platt, New York

2441a1—Chemicals (Paper Makers)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book

2441b—Chemicals (Photographic)

See also Specific Headings

Ansco Co., Binghamton, N. Y.
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Bauer Philip Co., 25 W B'way, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Bell & Gossett Co. ("Foto Kem"), 609H W. 30th, Chicago, Ill.
Defender Photo Supply Co., Rochester, N. Y.
Eastman Kodk Co., Rochester, N. Y.
Lowenstein Radio Co., Inc. (Metol), 397 Bridge, Brooklyn, N. Y.
Merck & Co., 45 Park pl, New York
Organic Products Corp., Schenectady, N. Y.
Rector Chemical Co., 2 Rector, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Takmine Commercial Corp., 120 B'way, New York
Will Corp., Rochester, N. Y.

2441c— Chemicals (Rubber)

See also Specific Headings

Battelle & Renwick, 80 Maiden lane, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Katzenbach & Bullock Co., 110 William, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Stresen, Reuter & Hancock, Inc., 122 S. Michigan av, Chicago, Ill.
Warner Chemical Co., 52 Vanderbilt av, New York

2441d— Chemicals (Tanners)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Hooker Electrochemical Co., 40 Wall, New York
Kepec Co., 476 4th, Milwaukee, Wis.
National Oil Products Co., Harrison, N. J.
Sergeant E. M. Co., 15 E. 26th, New York
See adv index at end of book

2441e— Chemicals (Textile)

See also Specific Heading

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at endof book*
Herrick & Voight, 68 Maiden la., New York
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Merrimac Chemical Co., 148 State, Boston, Mass.
National Oil Products Co., Harrison, N. J.
Sergeant, E. M. Co., 15 E. 26th, New York
See adv index at end of book
Seydel Mfg. Co., 88 Forest, Jersey City, N. J.
Solvay Process Co., Syracuse, N. Y.
Takamine Commercial Corp., 120 B'way, New York
Wolf Jacques & Co., 369 Harrison, Passic, N. J.

2442—Chemicals & Gases (Liquified)

Am. Blangas Corp., 19 W. 44th, New York
Fergusson, Alex. C., Jr. (Chemicals), 474 Chestnut, Phila., Pa.
See adv index at end of book
Northwestern Blaugas Co., St. Paul, Minn.
White S. S. Dental Mfg. Co., 211 S. 12th, Phila., Pa

2443-4— Chemists

See also Assayers; also Laboratories

Allentown Testing Laboratory (Analytical & Consulting), Allentown, Pa.
Barrow Agee Labortories (Analytical & Consulting), Memphis, Tenn.
Battle Laboratory (Analytical & Consulting), Montgomery, Ala.
Booth, Garrett & Blair (Analytical), 404 Locust, Phila., Pa.
Boyer Chemical Laboratory Co., 940H N. Clark, Chicago, Ill.
Bristol-Myers Co. (Pharmaceutical), 281 Greene av, Brooklyn, N. Y.
Carmichael Henry (Analytical & Consulting), 88 Broad, Boston, Mass.
Chemical Service Laboratories (Analytical & Consulting), Real Estate Trust bldg, Phila., Pa.
Clarke Chemical Co., Wickliffe, Ohio.
Curtis & Tompkins (Analytical), 331 California, San Francisco, Cal.
Daigger A. & Co., 54 W. Kinzie, Chicago, Ill.
Davis Geo. C. (Metallurgical), 39 S 10th, Phila., Pa.
Davenport & Keeler, New Britain, Conn.
Deavitt H. M. (Analytical & Consulting), 209 S La Salle, Chicago, Ill.
Deavitt Laboratories (Consulting), 209 S La Salle, Chicago, Ill.
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Eaton Laboratories, 340 Sansome, San Francisco, Cal.
Falkenburg Co., 116 Yesler way, Seattle, Wash.
Fergusen, J. B. & Co., 43H N. Jonatham, Hagerstown, Md.
Gascoyne & Co. (Analytical & Consulting), 27 S Gay, Baltimore, Md.
Gattis Chemical Co. (Phrmaceuticals), Nashville, Tenn.
Good, James, Inc., Amber & Susquehanna av, Phila., Pa.
Gulick, Henderson Co., 145 W 30th, New York
Hamlin & Morrison (Analyticl), 119 S. 4th, Phila., Pa.
Hanks A. A. (Analytical), 630 Sacramento, San Francisco, Cal.
Hartford Laboratory Co. (Anlytical & Consulting), Hartford, Conn.
Industrial Research Co., 28 Belden pl, San Francisco, Cal.
Kann Robt. (Analytical), 124 Front, New York
Kawin Chas. C. Co., 417 S Dearborn, Chicago, Ill.
Koppers Co. (Coal, Coke & Gas), Union Arcade, Pittsburgh, Pa.
Kraus Research Laboratories, Inc. (also Research Engineers & Refractories), 130 Pearl, New York
Laucks, I. F., Inc., 99 Marion, Seattle, Wash.
Law & Co., Atlanta, Ga.
Ledoux & Co. (Analytical & Consulting), 99 John, New York
Lehn & Fink (Pharmaceuticals), 120 B'way, New York
Lippman & Sugarman, 135 Stockton, San Francisco, Cal.
Little Arthur D., Inc., 30 Charles River rd, Boston, Mass.
Mariner & Hoskins, 111 W Monroe, Chicago, Ill.
Maywald Frederick J. (Analytical & Consulting, 133 Water, New York
Mecca Machinery Co., 85-87 Adams, Brooklyn, N. Y. *See adv index at end of book*
Miles Geo. W. (Analytical & Consulting), 88 Broad, Boston, Mass.

Mills Bro. Co. (Manufcturing), 327 W. 3d, Cincinnati, O.
Pacific Wasserman Laboratories, Pacific bldg, San Francisco, Cal.
Parson, J. H. Chemical Co. (Analytical & Mfg.), 122 S. Michigan av, Chicago, Ill.
Perkins Geo. E. (Analytical & Consulting), 1620 Smith, Providence, R. I.
Pitkin Lucius (Analytical & Consulting), 47 Fulton, New York
Pittsburgh Testing Laboratory, 7th av & Bedford, Pittsburgh, Pa.
Pratt N. P Laboratory (Analytical & Consulting), Atlanta, Ga.
Roessler & Hasslacher Chemical Co., 709H 6th av, New York
Sadtler Sam'l P. & Son (Consulting & Analytical), 210 S 13th, Phila., Pa.
Samoline Corp., Inc. (Analytical), 2134 N Clark, Chicago, Ill.
Saunders & Franklin (Analytical & Consulting), 184 Whittier av, Providence, R. I.
Scott & Gilbert (Manufacturing), 116 1st, San Francisco, Cal.
Seidel Ad. & Sons (Bakers), 1245 Garfield av, Chicago, Ill.
Sharples Stephen P. (Analytical & Consulting), 26 Broad, Boston, Mass.
Sherman Herbert L. (Analytical & Consulting), 12 Pearl, Boston, Mass.
Siebel J. E. & Sons Co., 962 Montana, Chicago, Ill.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Smith Laboratory (Analytical), Mt. Pleasant, Tenn.
Smith, Rudy & Co., 411 Walnut, Phila., Pa.
Sowers Osso (Analytical), 104 John, New York
Squibb-Carter-Squibb Co., Lawrenceburg, Ind.
Staddon-Donald R. & Co. (Analytical & Consulting, Industrial), 104-106 John, New York.
Stearns & White Co., 859 North Franklin, Chicago, Ill.
Stillwell Laboratory (Analytical & Consulting), 76 Pine, New York.
Stillwell & Gladding (Analytical & Consulting), 95 Front, New York.
Syracuse Pharmacal Co. (Mfg.), Syracuse, N. Y.
Teeple Jno. E., Ph. D. (Consulting & Chemical Engineer), 50 E 41st, New York
Upjohn Co. (Pharmaceuticals), Kalamazoo, Mich.
Wag's Chemical Co., 312 W. Jackson av, Knoxville, Tenn.
Wallior Chemical Works (Analytical & Consulting), New Orleans, La.
Weber Lothar E. (Analytical & Consulting Rubber), 729 Boylston, Boston, Mass.
Wiedemann H. E. (Consulting & Analytical), Chemical bldg, St. Louis, Mo.
Wiley & Co. (Analytical & Consulting), 7 S Gay, Baltimore, Md.
Wiley & Company, 904H N. Calvert, Baltimore, Md.

2445— Chests (Cedar)

Acme Mfg. Co., South Bend, Ind.
American Sash & Door Co., Kansas City, Mo.
Burrowes E. T. Co., Portland, Me.
Carr, Ryder & Adams Co. (Wholesale Mfrs), Dubuque, Ia.
Colonial Red Cedar Chest Co., Lincoln, Neb.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Kane Blind & Screen Co., Kane, Pa.
Landau Cabinet Co., 1545 Tower Grave, St. Louis, Mo.
Lookout Planing Mills, Chattanooga, Tenn.
Manchester Mfg. Co., 1210H S. Vandeventer av, St. Louis, Mo.
Passow & Sons, 2101 S. Allport, Chicago, Ill.
Roos Mfg. Co. (Red Cedar), 967 W 20th, Chicago, Ill.
Standard Red Cedar Chest Co., Altavista, Va.
Stewart G. S. Co., Norwalk, O.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Universal Cabinet Co., 1737 N Paulina, Chicago, Ill.
Vestal Lumber & Mfg. Co. ("Tennessee" Red Cedar), Knoxville, Tenn.
West Branch Novelty Co., Milton, Pa.
Huttig Mill Wk. Co., Kansas City, Mo.
Wisconsin Chair Co., Pt. Washington, Wis.

Chests (Ice)

See Refrigerators

2446— Chests (Stuff)

Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Inc.), (Horizontal & Vertical), Fulton, N. Y.
National Refrigerators Co., 827 Koel av, St. Louis, Mo.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

2447— Chests (Tool)

American Mfg. Concern (Toy & Carpenter), Falconer, N. Y.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Buhrke, R. H. Co. (Electrician's and Mechanic's), 1250H Fullerton av, Chicago, Ill.
Cardington Cabinet Co., Cardington, O.
Chicago Tool & Kit Mfg. Co. (Carpenter), 12 N Market, Chicago, Ill.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Economy Mfg. Co., 508 Commerce, Philadelphia, Pa.
Gerstner H. & Sons (Portable), Dayton, O.
Jennings C. E. & Co., 71 Murray, New York
Mossberg Frank Co. (Socket "No. 300"), Attleboro, Mass.
Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Pilloid Lumber Co., Swanton, O.
Union Tool Chest Co., Inc. ("Union" Suit Case, for Machinist Chests, Cabinets, Cases, etc., Stock & Special), 129 Mill, Rochester, N. Y.
Vanderman Mfg. Co. (Steel), Willimantic, Conn.
Wedell & Boers, 157 Jefferson, Detroit, Mich.
West F. M. Box Co., Springfield, Mass.
Wilbur Corporation, New Haven, Conn.

2447a— Chicle

Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.

2448— Chicory Mfrs.

Brandt C. H. W., Stockton, Cal.
Frank Chicory Co., Bay City, Mich.
Muller E. B. & Co., Port Huron, Mich.
Vanneste Bros., Capsac, Mich.

2449—Chimes (Saddle, Pole, Hame, Etc.)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Starr Bros. Bell Co., East Hampton, Conn.

Chimney Pipe

See Linings, Flue

2450— Chimney Tops

Adams Co. ("Adams" Revolving), Dubuque, Ia.
American Sewer Pipe Co., Akron, O.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.
Bannon P. Pipe Co., Louisville, Ky.
Blackmer & Post Pipe Co. (Fire Clay), Boatmen's Bank bldg, St. Louis, Mo.
Buckeye Fireclay Co., Uhrichsville, O.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Clawson L. E. Co., 80 Page, San Francisco, Cal.
Columbus Sewer Pipe Co., Columbus, Ga.
De Bruycher August, 171 7th av, Brooklyn, N. Y.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Evans Clay Mfg. Co., Uhrichsville, O.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Excelsior Fire Clay Co. ("Excelsior"), Lisbon, O.
Frantz Mfg. Co., Sterling, Ill.
Gladding, McBean & Co., Crocker bldg San Francisco, Cal.
Iwan Bros., South Bend, Ind.
Laclede-Christy Clay Products Co., Ry. Exch. bldg., St. Louis, Mo.
Macomb Sewer Pipe Co., Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
New York Pottery Co., Fuller bldg, New York
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Quinn Wire & Iron Works (Cast Iron), Boone, Ia.
Reeve Augustus, Camden, N. J.
Robinson & Sons Sewer Pipe Co., Uhrichsville, O.
Robinson Clay Product Co., Akron, O.
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Stevens H. Sons Co., Macon, Ga.
Streator Clay Mfg. Co., Streator, Ill.
Waterloo Register Co., Waterloo, Ia.

2451—Chimney Tops (Revolving)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Feld Geo. A. Co., 162 E. 129th, New York
Iwan Bros., South Bend, Ind.
Milwaukee Corrugating Co., Milwaukee, Wis.
National Mfg. Co., Sterling, Ill.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Quinn Wire & Iron Works ("Dandy"), Boone, Ia.
Sterling Fdry. Co. ("Best"), Sterling, Ill.
Texarkana Pipe Works, Texarkana, Ark.
Williams Hardware Co. ("Powers"), 113H Vermillion, Streater, Ill.

Chimney Tops (Slate)

See Slate Stair Treads & Risers

2452— Chimneys (Concrete)

Boland John V., Construction Co., Chemical bldg, St. Louis, Mo.
Custodis Alphons Chimney Construction Co., 95 Nassau, New York
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
General Concrete Construction Co. (Tapering Reinforced), 431 S Dearborn, Chicago, Ill.
Heine Chimney Co. (The) (Reinforced Concrete), 123 W Madison, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
See adv index at end of book
Rust Engng. Co., 504 Dist. National Bank bldg., Washington, D. C.
Rust Engineering Co. (Reinforced), 1901 5th av, Pittsburgh, Pa.
Weber Chimney Co. ("Weber," Reinforced Concrete), McCormick bdg, Chicago, Ill.
Wiederholdt Construction Co. ("Wiederholdt" Tile), H Bank of Commerce bldg, St. Louis, Mo.

Chimneys for Power Plants

See Stacks, Steel; Also Chimneys, Steel

2453— Chimneys (Forge)

Lourie Hydaulic Press Co., Springfield, Ill.
See adv index at end of book

2454—Chimneys (Lamp, Glass)

Bridgeport Lamp Chimney Co., Bridgeport, W. Va.
Cameron Glass Co. ("Cameron") Hand Made), Cameron, W. Va.
Co-Operative Enterprise Glass Co., North Vernon, Ind.
Corning Glass Wks. ("Nonex"), Corning, N. Y.
Dunbar Flint Glass Co., Dunbar, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Gill Bros. Co. ("Acme," "Royal," "O. K."), Steubenville, O.
Gill E. & Co., York & Thompson, Phila., Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Glenshaw Glass Co., Glenshaw, Pa.
Macbeth-Evans Glass Co. ("Macbeth," Pearl Top & Pearl Glass, "Keystone," "Zenith," "Iron Clad," "Superior," "Crescent," "Empire"), C of C bldg, Pittsburgh, Pa.
McBride Thomas, Industrial, W. Va.
Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Star Glass Co., Star City, W. Va.
Wellington Glass Co., Cumberland, Md.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.

2455— Chimneys (Mica)

Huse Jos. & Son, 91 Blackstone, Boston, Mass.
Mica Mfg. Co., 135 Johnson, Brooklyn, N. Y.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Munsell Eugene & Co. ("Micalite"), 68 Church, New York
North Carolina Mica Co., 80 North, Boston, Mass.
Storrs Mica Co., Owego, N. Y.

2456—Chimneys of Perforated Radial Blocks

See also Chimneys, Concrete

AMERICAN CHIMNEY CONSTRUCTION CO., 118 N. La Salle, Chicago, Ill.
American Chimney Corp., 147 4th av, New York
Bergen & Lindeman, 140 Liberty, New York
Custodis Alphons Chimney Construction Co., 95 Nassau, New York
Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.
Heinicke H. R. Inc., 147 4th av, New York
Huyette, Paul B. Co. ("Kellogg" Radial Brick), 5H S. 18th, Phila., Pa.
KELLOGG M. W. CO. (Corrugated Radial Brick), 90 West, New York
See adv index at end of book
Rust Engng. Co., 504 Dist. National Bank bldg., Washington, D. C.
Rust Engineering Co., 1901 5th av, Pittsburgh, Pa.
Summerhays Wm. & Son, 1H Exchange, Rochester, N. Y.

2457— Chimneys (Steel)

See Also Stacks, Steel

CHICAGO BRIDGE & IRON WORKS (Self-Suporting), 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

CHIMNEYS (STEEL)—continued
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
DOVER BOILER WORKS (Self-Supporting), Sales Office, 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Graver Corp., E Chicago, Ind. *See adv index at end of book*
New York Central Iron Works Co., Inc. (Self-Supporting), Dept. H, Hagerstown, Md.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa. *See adv index at end of book*
Republic Structural Iron Wks. Co., 1350 E. 53rd, Cleveland, O.
Scaife, Wm. B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.; 26 Cortlandt, New York *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York
Thropp's, John E. Sons Co., ft. of Lewis, Trenton, N. J.

2458—China (Domestic, Decorated & Plain)

Alliance Vitreous China Co., Alliance, O.
Anchor Pottery, Trenton, N. J.
Bennett Edwin Pottery Co., Eden & Fleet, Baltimore, Md.
Buffalo Pottery, Buffalo, N Y.
Canonsburg Pottery Co., Canonsburg, Pa.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co., East Liverpool, O.
Colonial Co., East Liverpool, O.
Crooksville China Co., Crooksville, O.
East Liverpool Potteries Co. (Decorated), East Liverpool, O.
French China Co. (Dinner, Toilet), Sebring, O.
Greenwood China Co., Trenton, N. J.
Greenwood Pottery Co., Trenton, N. J.
Hall China Co., East Liverpool, O.
Harker Pottery Co. (Decorated), East Liverpool, O.
International Pottery Co (Decorated, Semi-vitreous), Trenton, N. J.
Ionia Fine Art Pottery, Trenton, N. J.
Iroquois China Co., Solvay, N. Y.
Knowles, Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.
Knowles, Taylor & Knowles Co. (Decorated, Semi-vitreous), East Liverpool, Ohio
Laughlin Homer China Co. (Decorated), East Liverpool, O.
Lenox Incorporated, Trenton, N. J.
Leopold J. & Co., 101 Hanover, Baltimore, Md.
Limoges China Co. (Table), Sebring, O.
McNicol, D. E. Pottery Co. (Decorated), East Liverpool, O.
McNicol-Corns Co., Wellsville, O.
Mayer China Co., Beaver Falls, Pa.
Mercer Pottery Co. (Decorated, White), Trenton, N. J.
National China Co., Salineville, O.
National Pottery, Inc., Belleville, N. J.
Ohio China Co. (Decorated), East Palestine, O.
Owen China Co. (All Kinds), Minerva, O.
Patterson Bros. (Decorated), Wellsville, O.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Pope-Gosser China Co., Coschocton, Pa.
Potters Co-Operative Co. (Decorated), East Liverpool, O.
Royal China Co., Sebring, O.
Sebring E. H. China Co. (Table), Sebring, Ohio
Smith-Phillips China Co. (Decorated), East Liverpool, O.
Southern Potteries, Inc. ("Clinchfield"), Erwin, Tenn.
Standard Pottery Co. (Decorated), East Liverpool, O.
Steubenville Pottery Co., Steubenville,, O.
Summit China Co., Akron, O.
Taylor, Smith & Taylor Co.,, East Liverpool, O.
Thompson, C. C. Pottery Co. (All Kinds), East Liverpool, O.
Trenle China Co., East Liverpool, O.
Trenton Potteries Co. (Decorated), Trenton, N. J.
Tritt China Co., Niles, O.
Van Pottery Co., Trenton, N. J.
Vodrey Pottery Co. (Decorated), East Liverpool, O.
Warwick China Co. (Table), Wheeling, W. Va.
Wellsville China Co. (Decorated), Wellsville, O.
West End Pottery Co. (Table), East Liverpool. O.
Worcester China Co., Sebring, O.
Wylie H. R. China Co., Huntington, W. Va.

2459— Chippers (Cable)

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2460—Chippers & Shredders (Extract & Dye Wood)

Jeffrey Mfg. Co., 961 N. Fourth, Columbus, O. *See adv index at end of book*
MITTS & MERRILL, 1939 S. Water, Saginaw, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

2461— Chippers (Ice)

Alaska Freezer Co. ("Alaska"), Winchendon, Mass.
Arcade Mfg. Co., Freeport, Ill.
Bernardin Bottle Cap Co. ("Halsey"), Evansville, Ind.
Bonney Vise & Tool Works, Inc., Allentown, Pa. *See adv index at end of book*
Gifford-Wood Co., Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
North Bros. Mfg. Co. ("Lightning"), Lehigh av & American, Phila., Pa.
Thayer Mfg. Co., Williamsburg, Mass.
Wagner Mfg. Co. ("Wagner Danger," Combination Chisel Chipper), Cedar Falls, Ia.
Wrightsville Hardware Co., Wrightsville, Pa.

2461a— Chippers (Soap)

Houchin-Aiken Co., 113 53rd, Bklyn, N. Y.

2462— Chisels (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 1321 W. Congress, Chicago, Ill.

Chisels (Blacksmiths')

See Chisels, Cold & Cape

2463—Chisels (Box, Openers)

See also Pullers, Nail

American Cutlery Co. (Steel Nickel-Plated Cigar Box, etc), 764 Mather, Chicago, Ill.
Arcade Mfg. Co. ("Berry"), Freeport, Ill.
Bagshaw & Field, 445 N 5th, Phila, Pa.
Bonner Drop Forge Co ("Victor" Drop Forged), 111 W Washington, Chicago, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co. (Claw), 2nd & Comerset, Phila., Pa.
Bridgeport Hardware Mfg. Corp. ("Matchless"), Bridgeport, Conn.
Buffum Tool Co. ("Swastika," Flat, Mallet Head, Plain, etc), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Delaware Tool Co., Wilmington, Del.
Drew, C. & Co., Kingston, Mass.
Duffy J. F., Jr, 563 Fulton, Chicago, Ill.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Landers, Frary & Clark ("H. & B." Cast Steel), New Britain, Conn.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Kraeuter & Co., 533 13th av, Newark, N. J.
Lowentraut, P. Mfg. Co., 36 Brenner, Newark, N. J.
Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer), Sedalia, Mo.
MORRILL CHAS. ("Morrill," "Apex," Combination Nail Puller, Box Opener, Box Chisel, Pry, Hammer & Box Wire & Strap Cutter), 100 Lafayette, New York *See adv index at end of book*
Nicol & Co. ("N. & Co."), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Sargent & Co., New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V & B," for Shoe Dealers, etc.), 2114 Carroll av, Chicago, Ill.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2464-5—Chisels (Bricklayers')

Anderson W. H. Tool & Sup. Co., 184 Brush, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co., 2nd & Somerset, Phila., Pa.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Delaware Tool Co., Wilmington, Del.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Evansville Tool Works, Evansville, Ind.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland. O.
Kilborn & Bishop Co. ("Silex"), 194 Chapel, New Haven, Conn.
Kraeuter & Co., 533 13th av, Newark, N. J.
Marshalltown Trowel Co., Marshalltown, Ia.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co. ("V & B"), 2114 Carrol av, Chicago Ill.
Vichek Tool Co. ("Vichek"), 3000H E. 87th, Cleveland, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2466— Chisels (Calking)

See also Tools, Calking

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Boilermakers', Plumbers, Fire Hydrant), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Drew C. & Co., Kingston, Mass.
Eagle Tool Works, Bayonne, N. J.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Kraeuter & Co., 533 13th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marine Hardware-Equipment Co. ("Acme" & Mheco"), So. Portland, Me.
Mueller H. Mfg. Co., Decatur, Ill.
New York Mallet & Handle Works, 743 E 11th, New York
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Starbuck R. M. & Sons, Hartford, Conn.
Stortz Jno. & Son (Plumbers'), 210 Vine, Phila., Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

2467—Chisels (Cold & Cape)

Anderson, W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Badger Tool & Forge Co., 707 Nebraska, Oshkosh, Wis.
Bagshaw & Field 445 N 5th, Phila., Pa.
Beall Bros., Alton, Ill.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Bonner Drop Forge Co. ("Victor" Drop Forged Cold Chisels), 111 W Washington, Chicago, Ill.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co. (Cast Steel), 2nd & Somerset, Phila., Pa.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana,, Mo.
Carver Tool Works, Spring Valley, N. Y.
Champion Tool Co. (Cold Only), Meadville, Pa.
Champion Tool Co. (Hand, Cape, Round Nose, Hot & Cold Blacksmiths), Meadville, Pa.
Chicago Tool & Kit Mfg. Co., 12 N. Market, Chicago, Ill.
Cincinnati Tool Co. (Diamond Point, Half Round & Round Nose), Norwood, Cincinnati, O. *See adv index at end of book*

THE CINCINNATI TOOL CO.
HARGRAVE

Norwood, Cincinnati
Cleveland Punch & Shear Works Co. (Diamond Point, Half Round Nose), 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co. (Cold, All Shapes), 660 E 82nd, Cleveland, O.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co. (Machinists & Plugging), 703 S B'way, St. Louis, Mo.
Cronk & Carrier Mfg. Co. (Cold Chisels Only), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Delaware Tool Co., Wilmington, Del.
Dicke Tool Co., Downers Grove, Ill.
Drew C. & Co., Kingston, Mass.
Duffy J. F. Jr. (Cold), 563 Fulton, Chicago, Ill.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Enderes, Inc. (¼ "⅜" Cold, Round Nose Cape, etc.), Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Hammond C. & Son (Cold), Ognotz, Pa.
Heller Bros. Co., 879 Mt Prospect av, Newark, N. J.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman. Pittsburgh, Pa.
Kilborn & Bishop Co. (Drop Forged), 194 Chapel, New Haven, Conn.
Klein-Logan Co. (Cold, Hand Chipping), 13th & Breed, Pittsburgh, Pa.

Kraeuter & Co., 583 18th av, Newark, N. J.
Leetonia Tool Co., The, Leetonia, O.
See adv index at end of book
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marcy Tool Works, Putnam, Conn.
Mound Tool Co. (Engineers' Chums), 1203 S 7th, St. Louis, Mo.
Mueller H. Mfg. Co., Decatur, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Peck, Stow & Wilcox Co. (Cold), Southington, Conn.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Sargent & Co. (Cold), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpen Ezy," Drop Forged), Plantsville, Conn.
Smith & Hemenway Co., Inc. (Cold), 261 B'way, New York, & 130 Coit, Irvington, N. J. *See adv index at end of book*
Snell Mfg. Co. (Cold Chisels Only), Fiskdale, Mass.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Star Expansion Bolt Co., 145 Cedar, New York. *See adv index at end of book*
Stortz Jno. & Son, 210 Vine, Phila. Pa.
Strong Machinery & Supply Co ("Strong's Specialty), 292-294 Church, New York
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co. (Cold), Brockton, Mass.
Van Doren Mfg. Co. ("Vandor") Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V & B" Cast Steel), 2114 Carrol av, Chicago, Ill
Verona Tool Works, Oakmont, Pa.
Vichek Tool Co. ("Vichek") 8701 Mt. Auburn, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2468—Chisels (Diamond Point)

Chicago Tool & Kit Mfg. Co., 12 N. Market, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Delaware Tool Co., Wilmington, Del.
Enders, Inc., Albert Lea, Minn.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.

2469— Chisels (Floor)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Delaware Tool Co., Wilmington, Del.
Eagle Tool Works, Bayonne, N. J.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Stortz, Jno. & Son, 210 Vine Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago, Heights, Ill.
Vichek Tool Co. ("Vichek") 8701 Mt. Auburn, Cleveland, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2470—Chisels (Hollow Mortising, Etc.)

Defiance Machine Works (Hub), Defiance, Ohio
Forest City Bit & Tool Co. (Common, Hub, Franking, etc), Rockford, Ill.
Greenlee Bros. & Co., Rockford, Ill.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Star Bit & Tool Co. ("W"), Rockford, Ill.

2471— Chisels (Ice)

See also Picks, Ice
American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Black, John B. Co. ("Wm. Beatty & Sons," with Socket), Chester, Pa.
Browne W. G. Mfg. Co. ("Keen O"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("B. & D. C."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Deuse J. S. Chester, Conn.
Gifford-Wood Co. (Summer Bars or Packing, etc), Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Landers, Frary & Clark (Steel Blades), New Britain, Conn.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Reading Saddle & Mfg. Co. (Steel), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Stortz John & Co., 210 Vine, Phila., Pa.
Wagner Mfg. Co., Cedar Falls, Ia.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2472— Chisels (Oil Groove)

Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O
Van Doren Mfg. Co. ("Vandor" Machinists), Chicago Heights, Ill.

2473— Chisels (Plumbers')

Bicknell Mfg. & Supply Co., Janesville, Wis.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Delaware Tool Co., Wilmington, Del.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Delaware Tool Co., Wilmington, Del.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse), Borden av, Syracuse, N. Y.
Van Doren Mfg. Co. ("Vandor"), Chicago, Heights, Ill.
Washington Cutlery Co., Watertown, Wis.

2474— Chisels (Pneumatic)

Chicago Pneumatic Tool Co., 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co., 3734 E 78th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co. (Blank & Dressed), 660 E 82nd, Cleveland, O.
Delaware Tool Co., Wilmington, Del
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Helwig Mfg. Co., St. Paul, Minn.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Independent Pneumatic Tool Co., 600 W Jackson, Chicago, Ill.
Keller Pneumatic Tool Co., Fond-du-lac, Wis.
Klein-Logan Co., 13th & Broad, Pittsburgh, Pa.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Rich Tool Co., Railway Exchange, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Wissinoming Tool Works, Van Kirk & Trenton, Phila, Pa.

Chisels (Shingle Ripping)

See Bars, Carpenters'

Chisels (Ship)

See Chisels & Gouges, Carpenters'

2475—Chisels (Stone Cutters')

See also Drills, Stone
Anderson W. H. Tool & Sup. Co., 134 Brush, Detroit, Mich.
Brunner & Lay, 570 W Polk,, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Dallett, Thos. H. Co., 1324 Federal, Phila., Pa.
Delaware Tool Co., Wilmington, Del.
Evansville Tool Works, Evansville, Ind.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

2476— Chisels (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.

2477— Chisels (Track)

See also Tools, Track
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Beall Bros. (Inc.), Alton, Ill.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
McInnes Steel Co. (Ltd.), Cory, Pa.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V & B" Tool Steel), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
Western Tool & Forge Co., Brackenridge, Pa.

Chisels (Turning)

See Chisels & Gouges, Carpenters

2478—Chisels & Gouges (Carpenters')

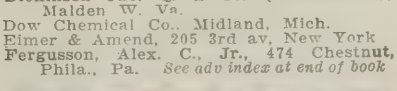
Bergholtz, Strodtz & Co., 2230 Ogden av, Chicago, Ill.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
Buck Bros. (All kinds of Socket & Tang), Millbury, Mass.
Buffum Tool Co. ("Swastika" Plumbers' & Wood turners', all Steel Handle), South Side, Louisiana, Mo.
Crescent Co., Inc. ("Crescent"), Meriden, Conn.
Gardner Machine Works, Gardner, Mass.
Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "J. & G. Mfg. Co."), 71 Murray, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Peck, Stow & Wilcox ("Pexto"), Southington, Conn. *See adv index at end of book*
Plumb Fayette R., Frankford, Phila., Pa.
Rockford Bit Co., Kokomo, Ind.
Stanley Rule & Level Plant, New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Thomson Drop Forge Co., Plantsville, Conn.
Union Hardware Co., Torrington, Conn.
Vaughan & Bushnell Mfg Co. (All Steel), 2114 Carroll av, Chicago, Ill.
White L. & J. Co. (Full Line), 120 Columbia, Buffalo, N. Y.
Williams & Wells Co. (Ship), 253 Fulton, New York *See adv index at end of book*
Winsted Edge Tool Works ("T. H. Witherby") Winsted, Conn.
Wood G. E. Tool Co., Plantsville, Conn.

2479-80-1—Chloral Hydrate

Merck & Co., 45 Park Pl, New York.
Monsanto Chemical Works, St. Louis, Mo.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

2482— Chloride of Calcium

Breslauer A. (Industrial Chemicals), Am. Nat'l Bank bldg, San Francisco, Cal.
Columbia Chemical Co., Frick bldg, Pittsburgh, Pa.
Dickinson Jno. Q. & Co. ("Kanawha"), Malden W. Va.
Dow Chemical Co., Midland, Mich.
Eimer & Amend, 205 3rd av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Pomeroy Chemical Co., Pomeroy, Ohio
Pomery Salt Assn. Co. ("Arctic"), Pomeroy, Ohio.
Rhodes Jas. H. & Co., 2810 S Albany, Chicago, Ill.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Saginaw Chemical Co., Saginaw, Mich.
Schwenker Wm., 342 E 92d, New York
Solvay Process Co., Syracuse, N. Y.
Van Schaack Peter & Sons (Jobbers, High Test), 118 W Lake, Chicago, Ill.

2483-4— Chloride of Lime

See also Powder Bleaching
Acme White Lead & Color Works, St. Aubin & M. C. RR., Detroit, Mich.
Champion Chemical Works, 19 W Austin, Chicago, Ill.
Dow Chemical Co. Midland, Mich
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imported), 2 Stone, New York

CHLORIDE OF LIME—continued
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, Ohio
Hirsh L. & Son, 368 Greenwich, New York
Horton F. T. ("Robin Hood"), Hoboken, N. J.
Mathieson Alkali Wks., Inc., 53 Canal, Providence, R. I.
Michigan Electrochemical Co., Menominee, Mich.
National Chemical Co. of Cal., 526 S Alameda, Los Angeles, Cal.
Penn Chemical Works ("Banner"), 1332 Washington av, Phila., Pa.
Pennsylvania Salt Mfg. Co. (For Purifying Water), Widener bldg, Phila., Pa.
Platt H. B., 42 Cliff, New York
Rath Mfg. Co. ("Imperial"), Hedley E. of Richmond, Phila., Pa.
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Wander S. & Sons Chem. Co., Albany, N. Y.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Chloride of Silver

See Silver Chloride

2485-6-7—Chloride of Sulphur

Dow Chemical Co. (Red & Yellow), Midland, Mich.
Highfield John W., 248 N 10th, Brooklyn, N. Y.
Hooker Electro Chemical Co., 40 Wall, New York.
Rollin Chemical Corp., 120 Broadway, New York
Scheel Wm. H. (Jobbers), 159 Maiden la, New York *See adv index at end of book*
Semet-Solvay Co., Syracuse, N. Y.
Stamford Rubber Supply Co., Stamford, Conn.
Warner Chemical Co., 52 Vanderbilt av, New York

Chloride of Tin

See Tin Chloride

Chloride of Zinc

See Zinc Chloride

Chlorinated Lime

See Powders, Bleaching

2488— Chlorinators

Valhalla Co. (For Laundries), 5332 B'way, Chicago, Ill.
Wallace & Tiernan Co., Inc. ("W. & T"), 349 B'way, New York.

2489— Chlorine

Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Electro Bleaching Gas Co. (Liquid), 18 E 41st, N. Y
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Isco Chemical Co. ("Isco" & Derivatives), 46 Cliff, New York
Mathieson Alkali Wks., Inc. (Liquid & Chlorine Products), Niagara Falls, N. Y.
Metal Thermit Corp. (Liquid), 120 B'way, New York
Pennsylvania Salt Mfg. Co. (Liquid), Widener bldg, Phila., Pa.
Semet-Solvay Co., Syracuse, N. Y.
Warner Chemical Co. ("Nelson" Cell), 52H Vanderbilt av, New York

2490— Chloroform

Dow Chemical Co. (U S P), Midland, Mich.
Fuller, Ralph L. & Co. Inc., 81 Fulton New York.
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, Ohio
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Midland Chemical Co., Midland, Mich.
New York Quinine Chem. Works, 135 William, New York
Pfizer Charles & Co., 81 Maiden la, Neew York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

2491—Chocks (Boat & Ship)

Berry Chas. E (Adjustable), Sommerville, Mass.
Gillie Machine Co., Tonawanda, N. Y.
Laughlin, Thos. Co., Portland, Me. *See adv index at end of book*
Steward Davit & Equipment Corp., 17 Battery pl, N. Y.
Superior Iron Works Co. (Roller), Superior, Wis.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Inc. ("Skene"), Middletown, Conn. *See adv index at end of book*
Williams & Wells Co., 352 Fulton, New York *See adv index at endof book*

2492— Choppers (Apple)

Boutell Mfg. Co., Rochester, N. Y.
Smith's Jno. E. Sons Co. ("Buffalo," Silent), Buffalo, N. Y.

Choppers (Ice)

See Breakers, Ice

2493-4—Choppers (Meat & Food)

American Cutlery Co. ("American"), 764 Mather, Chicago, Ill.
Athol Machine Co. ("American," for Hotels, Families, Butchers, etc), Athol, Mass.
Bolinders Co. ("Bolinders"), 39 Church, New York
Braun Co. ("Cole" Electric), 1625 N. 23rd, Phila., Pa.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Canton Elec.-Cut Co., Canton, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Colebrookdale Iron Co. ("Keystone"), Pottstown, Pa.
Deer A. J. Co. ("Royal" Electric), Hornell, N. Y.
Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Getz M. & Co., 162 First, San Francisco, Cal.
Griswold Mfg. Co. ("Griswold"), Erie, Pa.
Hobart Mfg. Co. (Electric & Gasoline), Troy, O.
Holwick B. C., Canton, O.
Landers, Frary & Clark ("Universal," "Climax"), New Britain, Conn.
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
National Specialty Mfg. Co., 3d & Lehigh av, Phila., Pa.
New Standard Hardware Works ("New Standard"), Mt. Joy, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Peden Iron & Steel Co. ("Columbia"), Houston, Texas
Reading Saddle & Mfg. Co. ("Reading," Hand Vegetable, etc), Reading, Pa.
Rollman Mfg. Co. ("Rollman" & "Joy"), Mt. Joy, Pa.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Sanders Mfg. Co. (Power), 294 8th av, Newark, N. J.
Sargent & Co. ("Gem"), New Haven, Conn
Smith's John E. Sons Co., 50H Broadway, Buffalo, N. Y.
Steigert L. Co. (Also for Food, Belt Power), Logan & Elder, Cincinnati, O.
Steiner Mfg. Co. (Electrical), 4100 N 21st, St. Louis, Mo.
Steinfeld Bros. ("Steinfeld"), 116 W 32d, New York
Stimpson Scale & Mfg. Co., Northville, Mich.
Street, F. G. & Co. ("Victor Rapid" Meat), Greenwood av & Lewis, Trenton, N. J.
Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.
Troemmer Hy., 911 Arch, Phila., Pa.
Willis, F. C. & Co. (Meat), Chicago, Ill.

Chromate of Iron

See Iron Chromate

2495— Chrome Alum

Avery Chemical Co., 88 Broad, Boston, Mass.
Bischoff C. & Co. (Imported), 451 Washington, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*
Monsanto Chemical Works, 1800 S. 2d, St. Louis, Mo.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Verona Chemical Co., Verona av, Newark, N. J.

2496— Chrome Black

Butterworth Judson Corp. (Blue, Black R, Black FF), 61 Broadway, New York *See adv index at end of book*
Central Dyestuff & Chemical Co., Newark, N. J.
Dye Products & Chemical Co., Inc., 200 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Klipstein A. & Co. (Also Liquid), 644 Greenwich, New York
Reisig Chas. H. ("Imperial"), for Tanners. etc) (Imp.), 269 Water, New York
Wetterwald & Pfister Co., 276 Spring, New York

2496a— Chrome Blue

Central Dyestuff & Chemical Co., Newark, N. J.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Wetterwald & Pfister Co., 276 Spring, New York

2497— Chrome Bordeaux

Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*

2497a— *Chrome Brown

Butterworth-Judson Corp. (S. W. & B. Extra), 61 B'way, New York *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

2497b— *Chrome Cyanide

Butterworth-Judson Corp. (R. R. Ex. Cone, R. V. B. B. R. R. V.), 61 B'way, New York *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

2498— Chrome Green

Am. Aniline Products, Inc., 80 Fifth av, New York
Butterworth-Judson Corp. (2 B. Supra & M. I. C.), 61 B'way, New York *See adv index at end of book*
Campbell John & Co., 75 Hudson, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Imperial Color Works, Glens Falls, N. Y.
National Sales & Trading Co., Cleveland, Ohio
United Color & Pigment Co., Waverly, Newark, N. J.
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Wetterwald & Pfister Co., 276 Spring, New York

2499— Chrome Oxide

Bischoff C. & Co. (Imp), 451 Washington, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Feuchtwanger L. & Co., 74 Cortlandt, New York
Imperial Color Works, Glens Falls, N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Sales & Trading Co. (I. R. Green), Cleveland, Ohio.
Roessler & Hasslacher Chemical Co. (Green), 709 6th av, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York
Vitro Mfg. Co., H Bessemer bldg., Pittsburgh, Pa.
Wetterwald & Pfister Co., 276 Spring, New York
Wiarda John C. & Co. (Also Fluoride), 273 Greene, Brooklyn, N. Y.

2499a— Chrome (Red)

Campbell John & Co., 75 Hudson, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
Imperial Color Works, Glens Falls, N. Y.
Wetterwald & Pfister Co., 276 Spring, New York

2499b— *Chrome Violet

Butterworth-Judson Corp. (S. W.), 61 B'way, New York *See adv index at end of book*

2500— Chrome Yellow

Am. Aniline Products, Inc., 80 Fifth av, New York
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Atlantic Dyestuffs Co., 88 Ames bldg, Boston, Mass.
Campbell John & Co., 75 Hudson, New York
Chrome Color Works (All Shades), Matawan, N. J.
Dye Products & Chemicals Co., Inc., 200 5th av, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Howell C. H. & Co. ("Queens"), 212 Race, Phila., Pa.
Imperial Color Works, Glens Falls, N. Y.
Imperial Color Wks., Inc., 47 W. 34th, New York
Jaenecke-Aultho, Newark, N. J.
Nat'l Gum & Mica Co., 59th & 11th av, New York
National Sales & Trading Co. (C. P.), Cleveland, Ohio
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
United Color Pigment Co., Waverly, N. J.
Wood's Henry Sons Co., Wellesley, Mass.
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Wetterwald & Pfister Co., 276 Spring, New York
Wolf Jacques & Co., 369 Harrison, Passaic, N. J.

2501— Chromium

Durfee Winthrop, 516 Atlantic, Boston, Mass.
Foote Mineral Co. (Imp.), 107 N 19th Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Metal & Thermit Corp., 120 B'way, New York
Pfaltz & Bauer (Sulphate, Imp), 300 Pearl New York
York Ferro Alloys Co., York, Pa.

2501a— Chromium Acetate

Avery Chemical Co., 88 Broad, Boston, Mass.

Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio.
Wolf Jacques & Co., Passaic, N. J.
York Metal & Alloy Co., York, Pa.

2502— Chromium Metal

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Vanadium Corp. of Am. Equitable bldg, New York

2502a— Chromium Oxide

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio

2502b— Chromium Sulphate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio

2503— Chronographs

Bausch & Lomb Optical Co., Rochester, N. Y.
Du Vivier Ernest H. (Imp), 30 Church, New York
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Hydro Mfg. Co. ("Hydro"), Bullitt bldg, Phila., Pa.
International Instrument Co., 23 Church, Cambridge, Mass.
King Lock Co., 319 W Ohio, Chicago, Ill.
Queen-Gray Co., 64H W. Johnson, Phila., Pa.

2504— Chronometers

Bliss Jno. & Co. (Nautical, etc), 128 Front, New York
Bond Wm. & Son (Marine, Sidereal & Electric Break Circuit), 22 Beacon, Boston, Mass.
Lietz A. Co., 61 Post, San Francisco, Cal.
Medinger Thos. G. (Marine & Pocket), 16 Beaver, New York
Merrill's Robt. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Nautical Instrument Mfg. Co., Inc., 47 West, New York
Riggs & Bro. (Nautical, etc), 310 Market, Phila., Pa.
Rupp Michael & Co. (Nautical, etc), 112 Broad, New York

2504a— Chrysoidine

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Metz H. A. & Co., Inc., 122 Hudson, New York
National Gum & Mica Co., 59th & 11th av, New York

2505—Chucks (Air Operated)

American Pneumatic Chuck Co. ("American"), 9 So Clinton, Chicago, Ill.
Efficiency Device Corp (For Auto Tires), 199 8th, Long Island City, N. Y.
Frontier Chuck & Tool Co., Lavoie, 30 Letchworth, Buffalo, N. Y.
Gisholt Machine Co., Madison, Wis.
Hannifin Mfg. Co. ("Aero"), 621 S Kolmar av, Chicago, Ill.
Manufacturers Equipment Co., Waller av & Fillmore, Chicago, Ill.

2506— Chucks (Bit Brace)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Imboden I. C. Mfg. Co. ("I. C. I."), Cleona, Pa.
Mosel Mfg. Corp., Kensington, Conn.
See adv index at end of book

2507—Chucks (Boring & Turning Mill)

Bullard Machine Tool Co., Bridgeport, Conn.
Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Horton E. & Son Co., Windsor Locks, Conn.
Union Mfg. Co. ("Union"), 300 Church New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2508-9—Chucks (Car Wheel)

Hoggson & Pettis Mfg. Co. ("Sweetland"), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co., New Britain, Conn.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

Chucks (Centering)

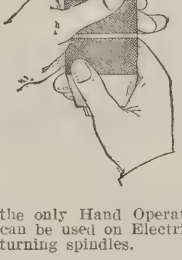
See Chucks, Lathe

2510— Chucks (Drill)

Almond T. R. Mfg. Co. ("Almond" Standard & Geared), Ashburnham, Mass.
Brown R. H. & Co. ("Reed"), New Haven, Conn.
Buffalo Forge Co. ("Buffalo Sure Grip"), 490 B'way, Buffalo, N. Y.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Clark Equipment Co. ("Celfor" & "Rich"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cushman Chuck Co., Hartford, Conn.
DETROIT TWIST DRILL CO. (Graham"), 555 Fort, Detroit, Mich.
See adv index at end of book
Eastern Tube & Tool Co., Inc., 594 Johnson av, Brooklyn, N. Y.
See adv index at end of book

THE ETTCO
HAND OPERATED
SELF TIGHTENING
DRILL CHUCK
NO KEY NO TROUBLE
EASTERN TUBE & TOOL CO., Inc.
594 Johnson Ave. Brooklyn, N. Y.

Goodell Mfg. Co. ("Greenfield"), Greenfield, Mass.
Goodell-Pratt Co. ("Goodell-Pratt" & "Greenfield"), Greenfield, Mass.
Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3rd, St. Louis, Mo.
Hoefer Mfg. Co., Freeport, Ill.
Horton E. & Son Co. ("Horton," "Morrow" Hand Operated Ball Bearing), Windsor Locks, Conn.
Jacobs Mfg. Co. ("Jacobs"), 894 Park, Hartford, Conn.
Lenz, Jos., 199H Franklin, New York
McCrosky Reamer Co. ("Quick Change," "Wizard"), Meadville, Pa.
Millers Falls Co. ("Barber"), Millers Falls, Mass.
Modern Tool Co. ("Magic," also for Reamers & Counterbores. Taps, etc.), 300 State, Erie, Pa.
See adv index at end of book
Moller Machine Co. (Oval), New Rochelle, N. Y. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse Beach," "Morse Stetson" & Center Drill), New Bedford, Mass.
Narragansett Machine Co. ("Coit"), Providence, R. I.
National Twist Drill & Tool Co., Detroit, Mich.
Nielson-Barton Chuck Co. ("Nebaco"), 106 S. Jefferson, Chicago, Ill.
See adv index at end of book


NE BA CO
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ROLLER-BEARING
DRILL CHUCKS
The paramount feature of the NeBaCo Chuck is the Rotating Sleeve that operates the jaws without the need of arbor or spindle.
Making the NeBaCo the only Hand Operated chuck made, that can be used on Electric Drills or other free turning spindles.
Nielsen-Barton Chuck Co.
106 So. Jefferson St., Chicago, Ill.

North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Oneida National Chuck Co. ("National," Blacksmiths', etc), Oneida, N. Y.
Pratt Chuck Co. ("Empire" Friction Drive, also makers of "Improved Positive Drive"), Frankfort, N. Y.
Rich Tool Co., Ry. Exch. bldg, Chicago, Ill.
Saunders D. Sons (Also Tap), Yonkers, N. Y.
Skinner Chuck Co. ("Skinner," "Standard," "New Model," "Geared Patern," "Positive Drive," "Pinion Key"), New Britain, Conn.
SMITH & HEMENWAY CO., INC. ("Giant"), 261 H. B'way, New York, & 130 H. Coit, Irvington, N. J.
See adv index at end of book
Standard Tool Co., 6700 Central v, Cleveland, O.
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
Union Mfg. Co. ("Czar"), 300 Church, New Britain, Conn.
Victor Tool Co. ("Victor"), Waynesboro, Pa.
Wahlstrom Tool Co. (Automatic), 5520 2d av, Brooklyn, N. Y.
Weaver Mfg. Co. ("Weaver's Roller Jaw), Springfield, Ill.
Westcott Chuck Co. ("The Westcott," "Oneida" & "Little Giant"), Oneida, N. Y.
Whitney Mfg. Co. ("Presto"), Hartford, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2511— Chucks (Engravers')

Kohaut John C., 117 Green, Newark, N. J.

2511a—Chucks (Expanding)

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.

2512—Chucks (Gate Valve Seating)

Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.

2513— Chucks (Grinder)

Garrison Machine Works, Dayton, Ohio
Graham Mfg. Co., 96 Point, Providence, R. I.
Horton E. & Son Co., Dept. H, Windsor Locks, Conn.
Terkelsen & Wennberg ("T & W"), 328 A, Boston, Mass.

2514— Chucks (Jaw)

American Tool & Machine Co., 10 High, Boston, Mass.
Cleveland Twist Drill Co. (Two Jaw), 1 E 49th, Cleveland, O.
Cushman Chuck Co. (Face Plate), Hartford, Conn.
Fray Jno. S. Co. (Three Jaw), Bridgeport, Conn.
Gisholt Machine Co. (Three or Four Jaw), Madison, Wis.
Hoggson & Pettis Mfg. Co. ("Sweetland" Two-Jaw Slip Jaw), New Haven, Conn.
Horton E. & Son Co. (Reversible), Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Quick-Change Chuck Mfg. Co., Arcanum, Ohio
Saunders D. Sons, Yonkers, N. Y.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Weaver Mfg. Co. ("Weaver's" Roller), Springfield, Ill.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2515— Chucks (Lathe)

American Tool & Machine Co., 10 High, Boston, Mass.
Bullard Machine Tool Co., Bridgeport, Conn.
Carroll Jamieson Machine Tool Co., Batavia, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commonwealth Supply Co. ("Moss Universal" for Loomotive Driving Boxes), Mutual bldg, Richmond, Va.
Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
Hoggson & Pettis Mfg. Co. ("Sweetland"), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Leavitt Machine Co., Orange, Mass.
Millers Falls Co. ("Barber"), 28 Warren, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Oneida National Chuck Co., Oneida, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Simplex Tool Co., Woonsocket, R. I.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
Strobl Mfg. Co., 410 N Western av, Chicago, Ill.
Terkelsen & Wennberg ("T & W"), 328 A, Boston, Mass.
Thomas Elevator Co. (Wrenches), 20 S Hoyne, Chicago, Ill.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Westcott Chuck Co. (The "Westcott Combination," Independent, Universal & Eccentric), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2516— Chucks (Lever)

Potter & Johnston Machine Co. ("Universal Automatic"), Pawtucket, R. I.
Saunders D. Sons, Yonkers, N. Y.
Skinner Chuck Co., New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.

2517— Chucks (Magnetic)

Besly Chas. H. & Co. ("Besly" Rotary), 120 N Clinton, Chicago, Ill.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Diamond Mach. Co., Providence, R. I.
Gardner Machine Co. ("Gardner" Rotary), Beloit, Wis.
HEALD MACHINE CO. ("Heald") Worcester, Mass.

Lathe Chucks for Heavy Work

on the modern Turret and Special Lathes.—A very large assortment for all requirements:

CENTERING MACHINES, Single Spindle, Revolving, Double Spindle—up to 12 inch capacity—"Turn-Table" and "Duplex" machines, for quantity requirements in rapidly centering both ends of pieces to be turned or ground.

GEAR CUTTING MACHINES for gears up to 36 inches diameter, spur, worm, or bevel. Hand Feed Machines, Power Feed, and Fully Automatic for manufacturing gears in large quantities.

GAS ENGINE FLY WHEELS—entirely finished or castings only.

Howard and Oak Streets **THE D. E. WHITON MANUFACTURING COMPANY** New London, Conn., U. S. A.

CHUCKS (MAGNETIC)—continued

Persons-Arter Machine Co. ("Persons-Arter"), Worcester, Mass.
Taft-Peirce Mfg. Co., Woonsocket, R. I.
Walker O. S. Co., Worcester, Mass.

2518—Chucks (Milling Machine)

Brown & Sharpe Mfg. Co., Providence, R. I.
Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Terkelsen & Wennberg ("T & W"), 328 A, Boston, Mass
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2519— Chucks (Nipple)

Bignall & Keeler Machine Works, Edwardsville, Ill.
Glauber M. & Co., 103 Varick, New York
Jarecki Mfg. Co., Erie, Pa.
Murchey Machine & Tool Co. ("Quick-Acting"), 85 Porter, Detroit, Mich.

2520— Chucks (Oval)

Lenz Machine Works, 199 Franklin, New York *See adv index at end of book*

Oval Turning Chucks
Lenz Machine Works
199 Franklin St., New York

2521— Chucks (Planer)

Cincinnati Planer Co., 3120 South, Oakley, Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Horton E. & Son Co., Windsor Locks, Conn.
Redin, Ekstrom & Co., Rockford, Ill.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.

2521a— Chucks (Pneumatic)

American Pneumatic Chuck Co. ("American" Air Operated), 95 Clinton, Chicago, Ill.
Detroit Pneumatic Chuck Co., 516 F. P. bldg, Detroit, Mich.
Neidow & Payson Co., 9 S. Clinton, Chicago, Ill.

2522— Chucks (Projectile)

Horton E. & Son Co., Dept. H. Windsor Locks, Conn.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.

2523— Chucks (Revolving)

Modern Tool Co. ("Magie"), 300 State, Erie, Pa.
See adv index at end of book
Scott & Sons Co. ("Ess-Ess"), Medford, Mass.

2524—Chucks (Screw Machine)

Garvin Machine Co., 147 Varick, New York
Gisholt Machine Co., Madison, Wis.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Westcott Chuck Co. ("Westcott Little Giant"), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2525-6— Chucks (Scroll)

Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Hoggson & Pettis Mfg. Co. ("Sweetland" Geared), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
Terkelsen & Wennberg ("T & W"), 328 A, Boston, Mass.
Union Mfg. Co. ("Union" Geared), 300 Church, New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2527— Chucks (Spinning)

Hay-Budden Mfg. Co. (Forged Tool Steel), 254 N Henry, Brooklyn, N. Y.

2528— Chucks (Split)

AMES B. C. CO. ("Ames"), North Station, Waltham, Mass.
See adv index at end of book
Hardinge Bros. (Draw Back & Thrust), 4203 Ravenswood av, Chicago, Ill.
Nelson-Blanck Mfg. Co., Dubois & Clay av, Detroit, Mich.
Rivett Lathe & Grinder Co. (Self-Centering), 2 Brooks, Brighton, Boston, Mass.
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.

2529— Chucks (Spring)

Clough R. M., Tolland, Conn.

2530— Chucks (Tapping)

Bicknell-Thomas Co. ("Bicknell-Thomas"), Greenfield, Mass.
Decatur Pump & Mfg. Co. (Friction), Decatur, Ill.
Errington F. A. (Auto Reverse), 39 Cortlandt, New York
Horton E. & Son Co., Windsor Locks, Conn.
McCrosky Reamer Co., Meadville, Pa.
Modern Tool Co. ("Magic"), 300 State, Erie, Pa. *See adv index at end of book*
Nelson-Blanck Mfg. Co., Dubois & Clay av, Detroit, Mich.
Oneida National Chuck Co., Oneida, N. Y.
Peter Bros. Mfg. Co. ("Woodstock"), ("Safety"), Algonquin, Ill.
St. Louis Machine Tool Co., 922 Loughborough, St. Louis, Mo.
Scully Jones & Co., Railway Exchange, bldg, Chicago, Ill.
Skinner Chuck Co. ("Skinner," "Positive Drive"), New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
Whitney Mfg. Co. ("Presto"), Hartford, Conn.

2531—Chucks (Track Drill)

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3rd, St. Louis, Mo.

2532—Chucks (Wire or Wheel)

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Welch T. F. Co., 55 Sudbury, Boston, Mass.

Church Seating

See Furniture, Church

2533—Church Spires Repaired

Wightman Andrew, Peekskill, N. Y.

2534— Churn Dashers

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

2535— Churns

See also Dairy Apparatus & Supplies
American Stamping & Enameling Co. (Enameled Steel), Bellaire, O.
Aquatic Cream Separator Co. ("Eureka" Barrel Revolving), Rochester, N. Y.
Babcock W. W. Co. ("Jackson"), Bath, N. Y.
Bing John ("R. V. Humersdorff Mache"), 381 4th av, New York
Brown M. Co. ("Brown," "Bent Wood," "Ash Dash"), Wapakoneta, O.
Burrell D. H. & Co. ("Simplex" Power Churn & Butter Worker Combined for Creameries, etc), Little Falls, N. Y.
Constance Lumber Co., Mansfield, O.
Creamery Package Mfg. Co. ("C. P."), 61 W. Kinzie, Chicago, Ill.
Davis-Watkins Dairymen's Mfg. Co., North Chicago, Ill.
Dazey Churn Co. ("Dazey" Glass, Metal, Hand & Power), 4301 Warne, St. Louis, Mo.
Dobson Mfg. Co. ("Favorite," Barrels, Revolving, 6 to 90 gallons), Rockford, Ill.
Hall Bros. Co. ("Blanchard," "Lightning" & "Cylinder"), West Acton, Mass.
Hill Wm. C. (Dairy & Creamery), Brasher Falls, N. Y.
Hodges Wm. & Co. (Glass), 11 S 2d, Phila., Pa.
Kohler Die & Specialty Co., De Kalb., Ill.
Landers, Frary & Clark ("Universal" Hand), New Britain, Conn.
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust Tinware), Canandaigua, N. Y.
Lown & Son, Poughkeepsie, N. Y.
McDermaid J. ("Belle," "Star," White Oak Barrel Revolving, Power, etc, 10 to 100 Gallons), Rockford, Ill.
Mason Mfg. Co. ("Challenge" Geared), Canton, O.
Owatonna Fanning Mill Co. ("New Owatonna"), Owatonna, Minn.
Owatonna Mfg. Co. ("Dual"), Owatonna, Minn.
Reid A. H. Creamery & Dairy Supply Co. ("Reid," "Rectangular" Barrel Revolving & Box Factory), 69th & Haverford, Phila., Pa.
Richmond Cedar Works ("White Cedar," Cylinder, Staff or Dash), Fulton, Richmond, Va.
Roberts Lightning Mixer Co. ("Roberts" for Family Use), 39 Pearl, Boston, Mass.
Rumley Leo Tractor Co. ("Owatonna"), La Porte, Ind.
Standard Churn Co. ("By-Lo," "Home Butter Maker," "O K," "Standard" Glass & Anti-Bentwood Barrel, Revolving, Box Factory, Ash Dash up to 12 gallons), Wapakoneta, O.
Sturges & Burn Mfg. Co. (Steel), 838 W Congress, Chicago, Ill.
Superior Churn & Mfg. Co. ("Superior," Stoneware Barrel, Glass Top), Northville, Mich.
Uhl Pottery Co. (Stoneware), Evansville, Ind.
Vermont Farm Machine Co. ("Vermont," "Davis," Swing, Cypress, Oak & Pine), Bellows Falls, Vt.

2536— Churns (Creamery)

Burrell D. H. & Co. ("B. & W." Square Box), Little Falls, N. Y.
Creamery Package Mfg. Co. ("C. P."), 61 W Kinzie, Chicago, Ill.
Minnetonna Co., Owatonna, Minn.
Oakes & Burger Co. (Square Box & "Cattaraugus," "Victor," "Disbrow" Churn & Worker "Bell" Barrel, etc), Cattaraugus, N. Y.

Reid A. H. Creamery & Dairy Supply Co. ("Reid's"), 69th & Haverford, Phila., Pa.
Vermont Farm Machine Co. ("V. F. M."), Bellows Falls, Vt.

2536a—Churns (Rubber Cement)

American Tool & Machine Co., 10 High, Boston, Mass.
Ross Charles & Son Co., 148 Classon av, Brooklyn, N. Y.

2537— Chutes (Coal)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
American Coal Chute Co., 14 Buffington av, Newark, N. J.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.
Beckley Perforating Co., Garwood, N. J.
Bergen Point Iron Works, Bayonne, N. J.
Binghamton Mfg. Co., Binghamton, N. Y.
Birch Mfg. Co., 1276 Clybourn av, Chicago, Ill.
Burrel Engineering Construction Co., 323 S La Salle, Chicago, Ill.
Bushnell Tank Works, Bushnell, Ill.
La Salle, Ill.
Canton Foundry & Machine Co. ("Canton" Automatic Self-Locking for Residences), Canton, O.
Channon Jas. H. Mfg. Co. (Ore Wagon), 227 W Erie, Chicago, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Church Appliance Mfg. Co. ("Ottomatic"), La Salle, Ill.
Clark W. J., Co., Salem, O.
Columbia Iron & Wire Wks Co. ("Columbia" for Residences, Stores, Public Buildings, etc.), Canton, O.
Columbus Structural Steel Co., Columbus, Ohio
Consolidated Iron Works, Hoboken, N. J.
Covert H. W. Co. (Iron Coal Windows), 137 E 46th, New York
Decatur Cornice & Roofing Co., New Decatur, Ala.
Desmond M. Mfg. Co., Edwardsville, Ill.
Diamond Machine Co., Monongahela, Pa.
DONLEY BROS. CO. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book
Eagle Iron Works (For Mines), Des Moines, Ia.
Enterprise Iron Wks., Albert Lea, Minn.
Fairbanks-Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairmont Mining Machinery Co. (For Mines), Fairmont, W. Va.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Gordon Lawless Co., Omaha, Neb.
Grand Rapids Foundry Co. ("Roenius," one piece steel), Grand Rapids, Wis.
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Hastings Foundry & Iron Works ("Queen City" Window), Hastings, Neb.
Helmick Foundry & Machine Co., Fairmont W. Va.
Heltzel Steel Form & Iron Co., The (& Coal Mine), Warren, O.
Hendrick Mfg. Co., Carbondale, Pa.
Holland Furnace Co. (Window), Holland, Mich.
HOLMES ROBT. & BROS. (For Mines), Danville, Ill.
See adv index at end of book
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co, West New Brighton, N. Y.
See adv index at end of book
Indiana Foundry Co., Indiana, Pa.
International Steel & Iron Co., Evansville, Ind.
JEFFREY MFG. CO (Chutes & Screens Combined), 961 N Fourth, Columbus, O. *See adv index at end of book*
Kewanee Mfg. Co. (Cellar Window), Kewanee, Ill.
Klauer Mfg. Co., Dubuque, Iowa.
Koller E. L. Mfg. & Coal Chute Co. (Galvanized), 276 Sussex av, Newark, N. J.
Kramer J. & Sons Mfg. Co. (Wagon), 675 Water, New York
Lansing Co., Lansing, Mich.
Lee Loader & Body Co., 2343 So La Salle, Chicago, Ill.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio.
Lucas A. & Sons (For Dwellings), 1329 S Washington, Peoria, Ill.
Majestic Co. ("Majestic," Residence, Store, Gradeline, for Wood, Coal, Vegetables, etc.), Huntington, Ind.
National Boiler & Sheet Iron Works (Ash & Coal), Indianapolis, Ind.
National Mfg. Co. ("Best"), Sterling, Ill.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio
Price-Evans Foundry Co., Chattanooga, Tenn.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Raub Supply Co., Lancster, Pa.
Remaly Mfg. Co., Tamaqua, Pa.
Republic Structural Iron Wks Co., 1350 E 53rd, Cleveland, O.
Rex-Harris Fire Appliance Co. (Iron), 310 W. 39th, New York
Richards Iron Work ("Model") Burglar Proof, Also for Wood & Vegetables, Also Flush Sidewalk Chutes), Manitowoc, Wis.
Sackett Screen Co., Fredonia, N. Y
Sackett H. B. Screen & Chute Co. (For Coal Yards), 1691 Elston av, Chicago, Ill.
Scaife W. B. Sons Co., 1st Natl. Bank bldg, Pittsburgh, Pa., and 26 Cortland, New York *See adv index at end of book*
Shultz All Steel Corner Post Co. ("Shultz" Burglar Proof), St. Joseph, Mo.
Steel Basket Co., Cedar Rapids, Ia.
Sterling Foundry Co. ("Best" Fuel Chute), Sterling, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wagner Mfg. Co., Sidney, Ohio
Waterloo Register Co., Waterloo, Ia.
York Foundry & Engine Works (Cellar), York, Neb.

2538—Chutes (Coal, Foundation Wall)

Covert H. W. Co., 137 E 46th, New York
DONLEY BROS. CO., 3625 E 74th, Cleveland, O. *See adv index at end of book*
JACKSON EDWIN A & BRO. (Inc.), ("Majestic"), 50 Beekman, New York
See adv index at end of book

2539—Chutes (Coal, Locomotive Coaling, Etc.)

Chain Belt Co., Milwaukee, Wis.
Dempey Degener Co., 708 Penn av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Heltzel Steel Form & Iron Co., The, Warren, O.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th Chicago, Ill. *See adv index at end of book*
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

2540— Chutes (Concrete)

Insley Mfg. Co. (Open, Closed & Flexible, with Accessories), 3500 E. St. Clair, Indianapolis, Ind.
Lakewood Engineering Co., Cleveland, O.
Ransome Concrete Machinery Co., Dunellen, N. J.
Union Iron Works, Hoboken, N. J.

2541—Chutes (Ice Recording)

Jamison Cold Storage Door Co., Hagerstown, Md.
Jones R. E. ("Victor"), Hagerstown, Md.
Stevenson Cold Storage Door Co., Chester, Pa.
Victor Cooler Door Co., Hagerstown, Md.

2542— Chutes (Package)

See also Conveyors, Gravity

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Dow Wire & Iron Works ("Dow" Spiral, etc), Louisville, Ky.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York

2543— *Chutes (Sand)

See also Chutes, Coal

Heltzel Steel Form & Iron Co., The, Warren, O.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

2543a— Chutes (Spiral)

Alvey Mfg. Co., 3201H S. Broadway, St. Louis, Mo.
Haslett Spiral Chute Co., 510-12 N. 61st, Phila., Pa. *See adv index at end of book*

The Haslett Spiral Chute Co.
Manufacturers of
Spiral Chutes, Gravity Roller Conveyor and all types of powder-driven Merchandise Conveyors.
Office and Factory 510-12 N. 61st St. Philadelphia, Pa.
Pacific Coast Office 228 Pine St. San Francisco, Cal.

2544— Chutes (Steel Plate)

Chain Belt Co., Milwaukee, Wis.
Fort Pitt Steel & Iron Works, 802H Fulton bldg., Pittsburgh, Pa.
Grand Rapids Foundry Co. (For Cases, Boxes, etc), Grand Rapids, Mich.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lucas A. & Sons (For Coal, etc), 1329 S Washington, Peoria, Ill.
McNamara Bros. Co., Westport, Md.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
ST. PAUL FOUNDRY CO., Como av. & Mackubin, St. Paul, Minn.
See adv index at end of book
Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.

2545— Cigar Makers' Supplies

Miller, Du Brul & Peters Mfg. Co. (Packers), 507 E Pearl, Cincinnati, O.

2546— *Cigars (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

2546a— Cinchonidine & Salts

Greeff R. W. & Co., 80 Maiden lane, New York
Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.

2546b— Cinchonine

Greeff R. W. & Co., 80 Maiden lane, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

2547—*Circles (Brass, Copper & Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Wahr Britton Corporation (Also Aluminum), 831 S Main, Waterbury, Conn.
See adv index at end of book

2548— Circles (Platform)

Akron-Selle Co. (For Wagons, Trucks, etc), Akron, O.
Herbrand Co. (For Wagons, Trucks, etc), Fremont, O.

2549— Circles (Tin)

Ammidon & Co., 31 S Frederick, Baltimore Md.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.

2550— Circulators (Boiler)

Bloomsburg H. & Co., 425 N Carey, Baltimore, Md.
Eckliff Circulator Co. ("Eckliff" Automatic for Scotch Boilers), Campau bldg., Detroit, Mich.
McNab Co. ("Cascade"), Bridgeport, Conn.

2551— *Circus Lights

See also Lights, Contractors'

MacLeod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book

2552-3— Cisterns

Barnes & Nuss Co. (Galv. Steel), Grand Forks, N. D.
Harry Bros. Co (Corrugated Galvanized Iron), Carr. & I. C. R. R., New Orleans, La.
Heltzel Steel Form & Iron Co., The, Warren, O.
Holzer R. G. (Est. of), (Corrugated Rain), 317 Burgundy, New Orleans, La.
Kelly Foundry & Machine Co. (Galvanized Steel), Goshen, Ind.
Martin Metal Mfg. Co. (Galvanized Steel), Wichita, Kan.
New Orleans Roofing & Metal Co. ("Nola" Galvanized Iron), Corte & Orleans, New Orleans, La.

Civil Engineers' Instruments

See Architects' & Engineers' Instruments & Supplies, also Engineering & Surveying Insrtuments.

2554-5—Clamp & Drill Combined

Burritt O. W. & Bro. ("Burritts"), Weedsport, N. Y.

Clamps (Adjustable)

See Clamps, Carpenter, Adjustable Screw, etc.

2556— Clamps (Basin)

American Brass & Copper Co., 138 Lafayette, New York

CLAMPS (BASIN)—continued

American Pin Co. ("Ampinco"), Waterbury, Conn.
Blessing C. A., 516 Montgomery, Phila., Pa.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Glauber Brass Mfg. Co. ("Magic"), 49th & Superior av N E, Cleveland, O.
Grabler Mfg. Co. (Adjustable), Cleveland, Ohio
Haines, Jones & Cadbury Co. ("Crescent"), 1136 Ridge av, Phila., Pa.
Hampden Brass Co., Springfield, Mass.
Haydenville Co., Haydenville, Mass.
Stebbins E. Mfg. Co., Springfield, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co. ("Crescent," "Star"), Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Wolverine Brass Works ("Never-Slip," "Star"), Grand Rapids, Mich.

2557— Clamps (Beam)

See also Clamps, Pipe; also Clamps, Conduit Pipe, Hanging

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Austin & Eddy, 117 Broad, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Jumbo" Pipe), New Britain, Conn.
Brown A. & F. Co. (For Power), 79 Barclay, New York.
Collins Mfg. Co., 1313 Farmers Bank bldg, Pittsburgh, Pa.
Channon, James H. Mfg. Co. (I), 227H W. Erie, Chicago, Ill.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Fee & Mason, 81 Beekman, New York
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (I Beam, Adjustable, etc), Cleveland, O.
Illinois Malleable Iron Co. ("A. B. C."), 1801 Diversey blvd, Chicago, Ill.
Kelly & Jones Co. ("K. & J." Adjustable, etc, Malleable Iron), 135 Water, Pittsburgh, Pa.
Lange August K., 606 E 15th, New York
Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
Robinson Mfg. Co., 8123 Bruner, S. E., Cleveland, O.
Royersford Foundry & Machine Co., Royersford, Pa.
Terry & Tench Co., 70 E 45th, New York York
Walworth Mfg. Co., Boston, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.

2558— Clamps (Bed)

Handy Mfg. Co., 29 E. Madison, Chicago, Ill.
Lubbers & Bell Mfg. Co., Clinton, Ia.
Seng Co., 1450 Dayton, Chicago, Ill.

2559— Clamps (Belt)

See also Belt Tighteners

Akron Belting Co., Akron, O.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Goodell-Pratt Co., Greenfield, Mass.
Higgins Machinery Co., Seattle, Wash.
Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.
Hough Chas. N. Mfg. Co. (Oil Country Style), Franklin, Pa.
Manufacturers' Belt Hook Co. ("L.-X"), 1321 W Congress, Chicago, Ill.
O'Neil J. H., Jr., Pawtucket, R. I.
Page Belting Co. (Wood), Concord, N. H.
Turner Tanning Machinery Co. ("Turner" for Belt Makers), Peabody, Mass.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wood's T. B. Sons Co. (Double Iron Screw, etc), Chambersburg, Pa.

2560—Clamps (Boat Builders')

See also Clamps, Carpenters

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Malleable Iron Fittings Co., Branford, Conn.
New London Vise Works ("M. I. F. Co."), (Wood End), New London, Conn.
Walker Jas. Co., 123 Light, Baltimore, Md.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

2561—Clamps (Boiler Plate)

Never Slip Safety Clamp Co., 141 B'way, New York

2561a—Clamps (Boilermakers')

Henderer's A. L. Sons (Heavy Steel, also for Structural Iron Works), Wilmington, Del.
Le Count Wm. G. (Light & Heavy Steel), South Norwalk, Conn.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar), Poughkeepsie, N. Y.
Wickes Bros., 512 Lilden av, Saginaw, Mich.

2562—Clamps (Brake Beam)

Pearson Jack Co. ("Goodwin"), 185 Franklin, Boston, Mass.

2563—Clamps (Brick Carriers')

Crane P. D. Co., 10225 Meech av, Cleveland, O.
DONLEY BROTHERS CO. ("D. B."), 3625 E 74th, Cleveland, O. *See adv index at end of book*
Duplex Mfg. & Foundry Co. ("Duplex"), Elyria, O.
Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.
Stevens, Frederic B., 3d & Larned, Detroit Mich. *See adv index at end of book*

2563a— Clamps ("C")

See Also Clamps, Machinists'

WILLIAMS, J. H. & CO. ("Vulcan," "Agrippa," "Light Service" & Tool Makers, Drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

2564—Clamps (Cabinet Makers' Iron, Etc.)

Adjustable Clamp Co. ("Pony" Wood Bar), 216 N. Jefferson, Chicago, Ill.
Batavia Clamp Co. ("Colts" Steel Bar), Batavia, N. Y.
Chicago Clamp Co., 253 Eliot, Detroit, Mich.
Christiansen C., 2219 Grand, Chicago, Ill.
Cincinnati Tool Co. ("Hargrave" Steel Joiners, etc), Norwood, Cincinnati, O. *See adv index at end of book*
Dann Bros. & Co. (Extension), New Haven, Conn.
Dayton Malleable Iron Co. ("Dayton"), Dayton, O.
Grabler Mfg. Co. (Adjustable), Cleveland, O.
Handy Mfg. Co. (Furniture), 29 E. Madison, Chicago, Ill.
Hartford Clamp Co. ("Hartford"), Hartford, Conn.
Josef E. E. Mfg. Co. ("Buffalo" Universal Handy Bench Clamp), 14 Perry, Buffalo, N. Y.
Mark Mfg. Co., Evanston, Ill.
Narragansett Machine Co., Providence, R. I.
Oliver Machinery Co., Grand Rapids, Mich.
Palmer Albert E. & Sons (Furniture), Owosso, Mich.
Peck, Stow & Wilcox Co., Southington, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Redin, Ekstrom & Co., Rockford, Ill.
Redin John E., Rockford, Ill.
Rockford Mitre Box Co., Rockford, Ill.
Sargent & Co., New Haven, Conn.
Smith Otis A., Rockfall, Conn.
Swineford G. A. Co., Canton, O.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

Clamps (Cabinet Makers' Wood)

See Screws, Hand

2565— Clamps (Cable)

See also Clamps, Guy

Bonney Vise & Tool Works Inc., Allentown, Pa. *See adv index at end of book*
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Matthews, W. N. & Bro., Inc. ("Matthews"), 2922 Easton av, St. Louis, Mo.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
STAR EXPANSION BOLT CO. ("SEBCO"), 145 Cedar, New York *See adv index at end of book*
Steel City Electric Co. ("Marchand," for Standard Copper Conductors), 1207 Columbus av, Pittsburgh, Pa.

2566-7—Clamps (Cable Supporting)

Automatic Cable Clamp Co. (Self-Tightening Boltless), Donora, Pa.
Bossert Corp. (The), cor Linden & West av, Utica, N. Y.
Clark Electric & Mfg. Co., 149 B'way, New York
DIAMOND EXPANSION BOLT CO. ("Long Saut"), 89 West, New York *See adv index at end of book*
Electric Service Supplies Co. (Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.
General Devices & Fittings Co., 803 W Madison, Chicago, Ill.
Hallett Iron Works, Harvey, Ill.
Hebendahl J P. Co., Elizabeth, N. J.
Matthews W. N. & Bro. ("Matthews"), 3722 Forest Park bl, St. Louis, Mo.
Minerallac Electric Co., 1045 Wash. blvd, Chicago, Ill.
Robinson M. S. Cable Clamp Co., Donora, Pa.
Star Expansion Bolt Co. ("Star"), 145 Cedar, New York. *See adv index at end of book*
States Co., Hartford, Conn.
Steel City Electric Co. ("Marchand"), for Stranded Copper Conductors), 1207 Columbus av, Pittsburgh, Pa.
Union Elec. Co., 3721 Grant blv, Pittsburgh, Pa.

2568—Clamps (Carpenters', Adjustable Screw, Etc.)

Adjustable Clamp Co. ("Jorgenson" Hand Screw), 216 N Jefferson, Chicago, Ill.
Batavia Clamp Co. ("Colts"), Batavia, N. Y.

THE CINCINNATI TOOL CO.
HARGRAVE

Norwood, Cincinnati, Ohio *See adv index at end of book*
Channon Jas. H. Mfg. Co. (Ships' Carpenters), 227 W Erie, Chicago, Ill.
Dann Bros. & Co. (Wood Workers), New Haven, Conn.
Fox Z. F. & Son (Steel), Freeport, Mich.
Grand Rapids School Equipment Co., Grand Rapids, Mich.
Kantslip Co. ("Kantslip"), Freeport, Mich.
Mark Mfg. Co., Evanston, Ill.
M. & M. Adjustable Wire Clamp Co., 2 5th, Minneapolis, Minn.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
O'Neil, J. H., Jr., Pawtucket, R. I.
Phoenix Hardware Co., Buffalo, N. Y.
Sanitary Co. (Soil Adjustable Clamps), Dept. H, Linfield, Pa.
Taylor Jas. L. Mfg. Co. (Self-Locking Screw), Poughkeepsie, N. Y.

2569— Clamps (Carriage)

Bossert Corp. (The), cor Linden & West av, Utica, N. Y.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Sybilla Elevator & Machine Co., 214 W Ontario, Chicago, Ill.

2570— Clamps (Cloth)

Emrich Phil ("Emrich," Screw, Wedge & Spring), 824 Main, Cincinnati, O.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.

2571— Clamps (Column)

Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O. *See adv index at end of book*
Concrete Steel Co., 42 B'way, New York
Insley Mfg. Co. (Adjustable Steel Form), 3500 E St. Clair, Indianapolis, Ind.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
STERLING WHEELBARROW CO. ("Sterling"), Milwaukee, Wis.
Symons Clamp Co., 2116 S Sawyer av, Chicago, Ill.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
Universal Form Clamp Co. (Circular), 14 N May, Chicago, Ill.

2572—Clamps (Concrete Construction)

See also Clamps, Carpenters'; also Clamps, Machinists'

Batavia Clamp Co. ("Colt's" Self-Locking), Batavia, N. Y.
Chicago Builders' Specialties Co. ("A B C" Form), 11 S La Salle, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Concrete Steel Co., 42 B'way, New York
Insley Mfg. Co. (Adjustable Steel Form), 3500 E St. Clair, Indianapolis, Ind.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
Truscon Steel Co. (Kahn System), Youngstown, O.
Universal Form Clamp Co., 14 N May, Chicago, Ill.

2573—Clamps (Conduit Pipe Hanging)

Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Grabler Mfg. Co., Cleveland, O.
Irish W. F. Elec. Supplies ("Shamrock"), 132 W. 32nd, New York
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Pass & Seymour, Solvay, N. Y.
Star Metal Box Co., 509 W. 19th, New York
Steel City Electric Co. (Beam Straps), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. (Box Hanger), 63 Vesey, New York

Clamps (Curtain Frame)

See Clamps, Quilt Frame

2574— Clamps (Desk)

American Brass & Copper Co., 138 Lafayette, New York

2575—Clamps (Door & Sash)

See also Clamps, Carpenters

American Woodworking Machinery Co., Rochester, N. Y.
Dauber Bell Machine Co. ("Dauber" Upright Automatic), Oshkosh, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Newman Machine Co., Greensboro, N. C.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Smith H. B. Machine Co., Smithville, N. J.
Stearns E. C. & Co. ("Stearns," Adjustable), 450 Oneida, Syracuse, N. Y.

2576—Clamps (Eccentric Wire)

Smith Otis A. (For Tightening Wire Fence, Telephone Wire, etc), Rockfall, Conn.

2577— Clamps (Electric)

Dicke Tool Co., Downers Grove, Ill.
Smith Otis A. (For Wire, etc), Rockfall, Conn.
U. S. Faucet Co., 1155 Mission, San Francisco, Cal.

2578— Clamps (Flanging)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
See adv index at end of book
McCrea Jas. & Co. ("Model"), 562 W Washington, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
Optenberg Iron Wks. (Hand & Pneumatic), Sheboygan, Wis.
Scully Steel & Iron Co. ("Scully"), 2364 S Ashland av, Chicago, Ill.
Skinner M. B. Co. ("Model"), 562 W. Washington, Chicago, Ill.
Wickes Bros., 512 Lilden av, Saginaw, Mich.

2579—Clamps (Flask, Molders')

See also Foundry Facings & Supplies

Barnett Oscar Foundry Co., Irvington, N. J.
Brass Founders' Supply Co., Wilson av, Newark, N. J.
Diamond Clamp & Flask Co., Richmond, Ind.
Federal Malleable Co. ("Fraser"), West Allis, Wis.
Hartford Clamp Co. ("Hartford"), Hartford, Conn.
Josef E. E. Mfg. Co., 14 Perry, Buffalo, N. Y.
Paxson, J. W. Co. ("Hawley"), 1021 N. Delaware av, Phila., Pa.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y
Tessmer Mach. & Tool Co., 1425 Rivard, Detroit, Mich.

2580-1— Clamps (Flooring)

See also Clamps, Carpenters', etc

Hardware Specialty Mfg. Co. ("Clyod"), Anderson, Ind.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Clamps (Furniture)

See Clamps, Cabinetmakers', etc

Clamps (Girder)

See Clamps, Beam

2582—Clamps (Ground Connection)

A-A Elec. Mfg. Co., 303 Center, Bridgeport, Conn.
American Metal Works ("American" Adjustable), Stenton & Ruckland, Phila., Pa.
Blackburn Specialty Co. ("Blackburn"), 3409 Perkins av, Cleveland, O.
Bonnell W. A., 192 Chambers, New York
Cameron Appliance Co. ("McCoy"), Everett, Mass.
Chelten Electric Co., Stenton & Rockland, Phila., Pa.
Cleverly Electrical Works ("Forbes"), 17 N 7th, Phila., Pa.
Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L., Boston, Mass.
Diamond Expansion Bolt Co., 89 West, New York. *See adv index at end of book*
Elec. Service Supplies Co., 17th & Cambria, Phila., Pa.
Fairmount Electric & Mfg. Co. ("Vogel," "All-in-One"), 59th & Woodland av, Phila., Pa.
Federal Sign System, 8700 S State, Chicago, Ill.
Forbes Robt. R., Mt. Holly, N. J.
Gillette-Vibber Co. ("G-V"), New London, Conn.
Hallett Iron Works, Harvey, Ill.
Hart Mfg. Co., 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Heinemann Geo. ("Advance"), 728 W Girard av, Phila., Pa.
Hickey & Schneider, Elizabeth N. J.
Hinsdill Electric Co. (With Fixtures), Troy, N. Y.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Klein Ernest & Bro. ("Klein Adjusto"), 44 Fulton, New York
Lord Mfg. Co. ("Leco"), 105 W 40th, New York
Marcus Bros., 135 Pearl, Boston, Mass.
Model Products Co., 9th & Venango, Phila., Pa.
Novelty Electric Co. ("Griptite," "Neco," "Flex Clamp"), 50 N 4th, Phila., Pa.
Paiste H. T. Co. ("Perma-Effect"), 3201 Arch, Phila., Pa.
Schwartz S. Robt. & Bro., 729 B'way, New York
Schutz Mfg. Co., 3618 Lincoln av, Chicago, Ill.
Sherman H. B. Mfg. Co. ("Sherman"), Battle Creek, Mich.
Sprague Electric Works, 527 W 34th, New York
Star Elec. Co., 212 S 8th, Phila., Pa.
Thomas & Betts Co., 63 Vesey, New York
Trenton Elec. & Conduit Co., Trenton, N. J.

2583— Clamps (Guard Rail)

Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, Ohio
M. W. Supply Co., Real Estate Trust bldg., Phila., Pa.
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Q. & C. Co. ("National," "Q. & C."), 90 West, New York
Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.
Reading Specialties Co., Reading, Pa.
Track Specialties Co., 29 B'way, New York.
United States Malleable Iron Co. ("U-S." Rail Clamp & Anti-Rail Creeper), Toledo, O.
Weir Frog Co. (Adustable), Cincinnati, O.
WEIR FROG CO. (Rail Adjustable), Foreign Dept. 43 Cedar, New York
WHARTON WM. JR. & CO., INC. ("Wharton" Standard), Easton, Pa.

2584— Clamps (Guy)

See also Clamps, Wire Rope

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. A. S. & W. Co.'s, 208 La Salle, Chicago, Ill. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Bronson-Walton Co. ("Bull Dog"), Cleveland, O.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
DIAMOND EXPANSION BOLT CO., 89 West, New York *See adv index at end of book*
Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
Fletcher Mfg. Co., Dayton, O.
Galvanized Products Co., Phillipsburg, N. J.
Gund Mfg. Co., La Crosse, Wis.
Hallett Iron Works, Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co. (Malleable & Steel), 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co. ("Bull Dog," "Double Grip"), 2188 Scranton, Cleveland, Ohio
Lanz, M. Bolt Co. (Pressed Steel & Malleable Iron), 2907H Carson, Pittsburgh, Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Line Material Co., So Milwaukee, Wis.
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Matthews, W. N. & Bro., Inc. ("Matthews" Boltless), 2922 Easton av, St. Louis, Mo.
Mockbee C. M. Co., 816 E Pearl, Cincinnati, O.
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
Newhall Chain, Forge & Iron Co. ("Trident"), 89 West, New York
Norton W. T., West Park, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J. *See adv index at end of book*
St. Louis Malleable Casting Co., 7700 N. Broadway, St. Louis, Mo.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Steel City Electric Co. ("Marchand" Wire), 1207 Columbus av, Pittsburgh, Pa.
Upson-Walton Co. of N. Y., The, 291 B'way, New York
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2585—Clamps (Harrow Tooth)

Sharon Steel Hoop Co. (Pressed Steel), Sharon, Pa.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

2586— Clamps (Hay Rack)

Hunt, Helm, Ferris & Co., Harvard, Ill.
Louden Machinery Co. ("Illinois," "Standard"), Fairfield, Ia.
MYERS F. E. & BRO. ("Wenzelmann," "Standard" & "Take-Down" Cotton & Wheat Rack), 900 Fourth, Ashland, O. *See adv index at end of book*
Porter J. E. Co., Ottawa, Ill.
Strickler Hay Tool Co., Janesville, Wis.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Iowa

2587— Clamps (Hopper)

Exeter Brass Works, Exeter, N. H.
Haydenville Co., Haydenville, Mass.
Peck Bros. & Co., New Haven, Conn.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

2588— Clamps (Horse)

Oliver Machinery Co., Grand Rapids, Mich.

2589— Clamps (Hose)

Allen Fire Dept. Supply Co., 159 Ahorn, Providence, R. I.
Allen W. D. Mfg. Co. ("Bull Dog," "Allen," "Caldwell"), 566 W. Lake, Chicago, Ill. *See adv index at end of book*

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CHICAGO, ILL.

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Ballard Drop Forge Co. ("Ballard" Steel for Wooden Pipe & Tanks, &c), Seattle, Wash.
Bartlett Mfg. Co., 428 E. Lafayette av, Detroit, Mich.
Buckeye Iron & Brass Works (For Steam), Dayton, O.
Catelain A. G., 144 Indiana av, Chicago, Ill.
Childs O. J. Co. ("Childs"), Utica, N. Y.
Clancy J. R. ("Sure Grip" Wrought Steel), Syracuse, N. Y.
Cleveland Pneumatic Tool Co. ("Neverslip," Air Hose), 3734 E. 78th, Cleveland, O.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Dallett, Thos. H. Co. (For Air Hose), 1324 Federal, Phila., Pa.
Dayton Malleable Iron Co. (Air Brake), Dayton, O.
Dixon Valve & Coupling Co. ("King"), 11th & Race, Phila., Pa.
Elkhart Brass Mfg. Co. ("Sure Grip"), Elkhart, Ind.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Globe Machine & Stamping Co., 1250 W 78th, Cleveland, O.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Grabler Mfg. Co., Cleveland, O.

CLAMPS (HOSE)—continued
Han-D Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
Haydenville Co., Haydenville, Mass.
Hudson Parer Co., Leominster, Mass.
Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.
Knox Mfg. Co. (Malleable Iron), 821 Cherry, Phila., Pa.
McChesney J. S. & Co. ("McChesney" Galvanized Steel, Wire Hose Band), 105 N Clark, Chicago, Ill.
Morgan Mfg. Co. Inc. ("Morgan"), Keene, N. H.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
Newark Stamping Co., Newark, O.
Racine Iron & Wire Works, Racine, Wis.
Rex-Harris Fire Appliance Co., 310 W 39th, New York.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.
Universal Industrial Corp., Hackensack, N. J.
Walworth Mfg. Co., Boston, Mass.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Wire Bolt Clamp Co., Battle Creek, Mich.
Wolverine Brass Works, Grand Rapids, Mich.
Yerdon Wm. ("Yerdon" Cast Brass), Ft. Plain, N. Y.

2590-1—Clamps (Hydrant & Water Pipe)

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

2592-3— Clamps (Insulator)

Bonney Forge & Tool Works, Allentown, Pa.
Clark Electric & Mfg. Co. ("Clark" for Pin or Suspension Insulators), 149 B'way, New York
Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Fletcher Mfg. Co., Dayton, O.
General Devices & Fittings Co., 803 W Madison, Chicago, Ill.
Hickey & Schneider.
Korns C. C. Co., Johnstown, Pa.
Lanz, N. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Line Material Co. (Strain), South Milwaukee, Wis.
Locke Insulator Mfg. Co., Victor, N. Y.
Nagel W. G. Electric Co., Toledo, O.
Ohio Brass Co., The, Mansfield, O.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
States Co. ("Thesco" for Vertical Wires), Hartford, Conn.
Steel City Electric Co. ("Universal"), 1207 Columbus av, Pittsburgh, Pa.

2594— *Clamps (Key Seat)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2595— Clamps (King Bolt)

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

2596—Clamps (Linemen's Splicing)

(A Splicing Tool)
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co. (Also "Haven's"), Columbus, Ind.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co. ("Little Giant"), Irvington, N. J.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Ransome Concrete Machinery Co., Dunellen, N. J.; 165 B'way, New York
Robinson M. W. Co., 296 B'way, New York.
Smith Otis A., Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil," also "Haven's," Clamps for Stretching Wire), 261 H. B'way, New York, & 130 H. Coit, Irvington, N. J.
See adv index at end of book

2597— Clamps (Machinists')

Armstrong Bros. Tool Co. (Drop Forged Steel), 339 N Francisco av, Chicago, Ill.
Athol Mach. & Foundry Co. ("Standard" Steel), Athol, Mass.
Belden Machine Co., New Haven, Conn.
Billings & Spencer Co. ("B & S" Drop Forged Steel), Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio *See adv index at end of book*
Griffin Specialty Co., 506 W. 26th, New York
Hartford Clamp Co. ("Hartford"), Hartford, Conn.
Howell & Murray, Waverly, N. Y.
Le Count Wm. G. (Heavy Drop Forged), So. Norwalk, Conn.
Mark Mfg. Co., Evanston, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.
WILLIAMS, J. H. & CO. (("Vulcan," "Agrippa" Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2598—Clamps (Measuring Bar)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2599— Clamps (Messenger)

Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

2600— Clamps (Mitre)

Batavia Clamp Co. ("Colts"), Batavia, N. Y.
Burgess & Norton Mfg. Co. ("Dunn's" Mitre Draw Clamp & Cutter), Geneva, Ill.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Handy Mfg. Co., 29 E. Madison, Chicago, Ill.
Hartford Clamp Co. ("Hartford"), Hartford, Conn.
Taylor Jas. L. Mfg. Co. (Four Cornered), Poughkeepsie, N. Y.

2601— Clamps (Parallel)

See also Clamps, Carpenters
Besly Chas H. & Co., 120 N Clinton, Chicago, Ill.
STARRETT L. S. CO. (THE) (Tool Makers, etc.), Athol, Mass.
See adv index at end of book
WILLIAMS, J. H. & CO. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Clamps (Piano Makers')

See Clamps, Cabinet Makers'; also Clamps, Carpenters'

2602— Clamps (Pipe)

Acme Mfg. Co. ("Acme" Soil Pipe), Bangor, Me.
Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Cincinnati Iron Fence Co., 3300 Springgrove, av, Cincinnati, O.
Custer Coupling Co., Bradford, Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Dayton Pipe Coupling Co. ("Collerleak," for Screw, Bell & Spigot Pipe, etc), Dayton, O.
Dresser S. R. Mfg. Co. ("Dresser," for Repairing Leaks), Bradford, Pa.
Franklin Ry Supply Co. ("Multiple" Locomotive), 30 Church, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Grabler Mfg. Co. (Also Extension), Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Johnson A. E., 211 W. Exchange, Providence, R. I.
Kelly & Jones Co. (Water etc.), 135 Water, Pittsburgh, Pa.
Keystone Specialty Mfg. Co. (Nickel Plated), Scranton, Pa.
Lange August K., 606 E 15th, New York
Lucey Mfg. Corp. (Casing, Anchor & Drive), 233 B'way, New York
For branch offices see Alphabetical Section
McCrea Jas. & Co. ("Skinner" Joint & Emergency), 562 W Washington, Chicago, Ill.
Moll Wm. ("Ideal," Malleable Iron), 1660 Columbus rd, N W, Cleveland, O.
Norman C. Erwin & Co. ("Cenco" Extension), 18 W Kinzie, Chicago, Ill.
Nusbaum F. A. ("King Bee" & "Perfection" Leak Closing), 219 Ruffner, Lockland, O.
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
Skinner M. B. Co. ("Emergency"), 562 W Washington, Chicago, Ill.
Threadless Pipe Fittings Co., 50 Columbia, Newark, N. J.
Western Railway Equipment Co. ("Acme"), Central National Bank bldg, St. Louis, Mo.
WILLIAMS, J. H. & CO. (vise "Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Yarnall Waring Co. ("Yarway"), Chestnut Hill, Phila., Pa.
Yonts C. H. & Co. (Lead Stopper & Repair), Meadville, Pa.

2603— Clamps (Plow)

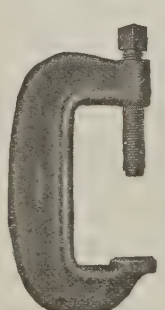
Hilfinger Bros., Fort Edward, N. Y.
Michigan Bolt & Nut Works, ft. Meldrum, Detroit, Mich.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Upson Nut Co., Cleveland, O.

2604— Clamps (Pole)

Bethlehem Steel Co., So. Bethlehem, Pa.
Electric Railway Equipment Co. (Bracket), 2900H Cormany av, Cincinnati, O.
Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Line Material Co. ("Ajax"), South Milwaukee, Wis.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

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2604a—*Clamps (Quick Adjusting)

Cincinnati Tool Co. (For Boat & Auto Body Builders), Norwood, Cincinnati, O. *See adv index at end of book*

2605—Clamps (Quilt Frame)

Arcade Mfg. Co., Freeport, Ill.
Champion Hardware Co., Geneva, O.
Cincinnati Tool Co., Norwood, Cincinnati, O. ***See adv index at end of book***
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2606—Clamps (Rail Bonding)

Electric Railway Improvement Co. (with Terminal Electrode), 2070 E 61st pl, Cleveland, O.
Reading Specialties Co. (Guard), Reading, Pa.
Seattle Frog & Switch Co. (Guard), Smith bldg, Seattle, Wash.

2607-8— Clamps (Ring)

Kohaut John C., 117 Green, Newark, N. J.

2609— Clamps (Rule)

Irving Robert M. ("Arrow"), Syracuse, N. Y.
Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

2610— Clamps (Saw)

Atkins E. C. & Co. ("A.-A.-A."), Indianapolis, Ind.
Baldwin, Tuthill & Bolton (Filing), Grand Rapids, Mich.
Covel Mfg. Co. (Saw Filing), Benton Harbor, Mich.
Crescent Machine Co., Leetonia, O.
Dikeman Mfg. Co. ("Dikeman," All Steel Folding), Norwalk, Conn.
Disston Henry & Sons (Brazing, Filing, etc), Tacony, Phila., Pa.
Gustafson & Scott Mfg. Co. ("Climax" for Filing Band Saws), 4325 Wabansia av, Chicago, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
New Britain Machine Co. ("New Britain") 190 Chestnut, New Britain, Conn.
Reading Hardware Co., Reading, Pa.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Union Hardware Co., Torrington, Conn.
Woodwell Joseph Co. ("Keystone" Folding), 207 Wood, Pittsburgh, Pa.

2611—Clamps (Saw Brazing)

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Son, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

2612— Clamps (Screw)

Adjustable Clamp Co. ("Pony"), 216 N Jefferson, Chicago, Ill.
Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Dayton Malleable Iron Co. ("Dayton"), Dayton, O.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Grand Rapids Hand Screw Co. (Wood Adjustable), Grand Rapids, Mich.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Hartford Clamp Co. ("Hartford" Quick Adjusting Self-Locking Single & Double Steel Bar), Hartford, Conn.
Le Count, Wm. G. ("Le Count" for Boring Mills or Planers), S. Norwalk, Conn.
Malleable Iron Fittings Co. ("M. I. F. Co.") Branford, Conn.
Oliver Machinery Co., Grand Rapids, Mich
Phoenix Hdwe. Co. (Malleable Iron), Buffalo, N. Y.
Sieber Products Mfg. Co., 4000-4006 Laclede av, St. Louis, Mo.
Stearns E. C. & Co. (Adjustable), 450 Oneida, Syracuse, N. Y.
Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar, etc), Poughkeepsie, N. Y.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wilcox, Crittenden & Co. Inc. (Ship & Ship Carpenters), Middletown, Conn. *See adv index at end of book*
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

Clamps (Ship)

See Clamps, Boat

Clamps (Splicing)

See Clamps, Linemen's Splicing

2613—Clamps (Steam Joint)

McCrea Jas. & Co., 562 W Washington, Chicago, Ill.
Nusbaum F. A. ("Perfection," "King Bee"), 219 Ruffner, Lockland, O.
Roberts Geo. I. & Bros., 471 4th av, New York
Skinner M. B. Co. ("Skinner Pipe Joint"), 562 W. Washington, Chicago, Ill.
Yarnall Waring Co. ("Yarway"), Chestnut Hill, Phila., Pa.

2614— Clamps (Steel)

Athol Mach. & Foundry Co. (Parallel Machinists Swivel), Athol, Mass.
Bass Bros. (Bar), 82 Walker, New York
Goodell-Pratt Co., Greenfield, Mass.
Insley Mfg. Co. (Adjustable Concrete Form), 3500 E St. Clair, Indianapolis, Ind.
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Le Count Wm. G., South Norwalk, Conn.
Norfolk Mfg. Co. ("Hugo"), Norfolk, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I
Phoenix Hdwe. Co., Buffalo, N. Y.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Tool Makers', etc.), Athol, Mass. *See adv index at end of book*
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
WILLIAMS, J. H. & CO., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

2615— Clamps (Steel Pipe)

American Steel Foundries (For Cast Iron Pipe Makers), McCormick bldg, Chicago, Ill.
Associated Well Supply Co., Inc., 111 Broad, New York *See adv index at end of book*

2616— Clamps (Strap)

WILLIAMS, J. H. & CO. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

2617—Clamps (Testing, Electric Wire)

(For Testing Current in Telephone & Current Wires)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Belden Mfg. Co., 2316 So. Western av, Chicago, Ill.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Cook F. B., 162 N Clinton, Chicago, Ill.
Cutter Scott C. ("Scott Cutter"), Oswego, Ill.
Eby, H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fahnestock Elec. Co., L. I. City, N. Y.
Fairmount Elec. & Mfg. Co., 59th & Woodland, Phila., Pa.
Frankel Connector Co., 177 Hudson, New York
Hallett Iron Works, Harvey, Ill.
Harvard Elec. Co., 525 W Vanburen, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jordan Bros., 74 Beekman, New York
Morse, Frank W. ("Morse Eureka"), 289 Congress, Boston, Mass. *See adv index at end of book*
Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
Schutz Mfg. Co., 3618 Lincoln av, Chicago, Ill.
States Co., 19 New Park av, Hartford, Conn.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.

2618—Clamps (Tool Makers')

Athol Machine & Foundry Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Champion Hardware Co., Geneva, O.
Goodell-Pratt Co., Greenfield, Mass.
Hartford Clamp Co. ("Hartford"), Hartford, Conn.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
WILLIAMS, J. H. & CO. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

2619—Clamps (Trolley Pole)

Bayonet-Trolley-Harp Co., Springfield, O.
Electric Railway Equipment Co. ("Sure Grip"), Cincinnati, O.
Virginian Electric & Machine Works ("Perfection"), Charleston, W. Va.
WESTINGHOUSE ELEC. & MFG. CO., E Pittsburgh, Pa. *See adv index at end of book*

2620—Clamps (Trolley Wire)

Electric Railway Equipment Co. ("Sure-Grip"), Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Ohio Brass Co., The ("Modoc," "Detroit," "Mansfield," "Bull Dog," "M-W," "Premier," "Wedge"), Mansfield, O. *See adv index at end of book*

Clamps (Water Pipe)

See Clamps, Hydrant & Water Pipe

2621— Clamps (Wire Fence)

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Wickwire Spencer Steel Co. ("Excelsior"), Worcester, Mass. *See adv index at end of book*

2622— Clamps (Wire Rope)

See also Clamps, Guy

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. (A. S. & W Co.'s), 208 La Salle, Chicago, Ill. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Broderick & Bascom Rope Co. (Jobbers), 803 N Main, St. Louis, Mo.
Channon Jas. H. Mfg. Co. (also Manila Rope Clamps), 227 W Erie, Chicago, Ill.
Fischer & Hayes Rope Co., 742-744 W Van Buren, Chicago, Ill.
Harkins T. B. Foundry Co., Bristol, Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa. *See adv index at end of book*
Laughlin Thos. Co., Portland, Me. *See adv index at end of book*
Leidecker Tool Co. ("Shyrock" for Temper Screws), Marietta, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lucey Mfg. Corp., 233 B'way, New York *For branch offices see Alphabetical Section*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Neptune Hardware Mfg. Co., 29 Murray, New York
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Seward & Co., Bloomington, Ind.
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, O.
Wheaton C. M. & Co. ("Wheaton"), Sunbury, Ohio
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

Clamps (Wire Test)

See Connectors, Wire Test

Clamps (Woodworkers')

See Clamps, Cabinet Makers'

2622a— Clarifiers (Centrifugal)

Cresson-Morris Co., 18th & Allegheny av, Phila., Pa.
De Laval Steam Turbine Co., East Trenton, N. J.
Sharples Specialty Co. ("Super Centrifuge" for Varnish, Benzine, Oil, Glue, Pharmaceutical, Serum & Fruit Juices), West Chester, Pa.

2623— Clarifiers (Milk)

Davis-Watkins Dairymen's Mfg. Co., North Chicago, Ill.
De Laval Separator Co., 165 B'way, New York
Sharples Separator Co., West Chester, Pa.

2624— Clarifiers (Sugar)

Blymer Iron Works Co. (Round Single Copper Coil, Steam), Cincinnati, O.
Cresson Morris Co., Alleghany & 18th, Phila., Pa.
Deming Apparatus Co. (For Purifying Sugar Solutions), 30 Church, New York
Flynn W. S., 76 Hudson, Jersey City, N. J.
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside, Cleveland, O.
Murphy John H. Iron Works, 643 Magazine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Provident Chemical Works ("Clariphos"), 8011 Idaho av, St. Louis, Mo.

CLARIFIERS (SUGAR)—continued
Pusey & Jones Co., Wilmington, Del.
Squier Geo L. Mfg. Co., Buffalo, N. Y.
Turl Iron & Car Co., Inc., The, 50 Broad New York. Works: Newburgh, N. Y.
Von Phul Gilbert D., Hibernia Bank bldg., New Orleans, La.

2625-6-7— Clarifiers (Varnish)

Col-mac Co., 250 South, Newark, N. J.
Empire Cream Separator Co., Bloomfield, N. J.
Sharples Specialty Co., West Chester, Pa.

2628—Clasps (Lug & Cant Hook)

American Logging Tool Co. (Malleable & Forged Steel), Evart, Mich.
Ransome Concrete Machinery Co. (Malleable), Dunellen, N. J.

2629— Clasps (Pail)

Acme Steel Goods Co. ("Acme" Flexible Pail & Crate), 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
De Haven Mfg. Co, 50 Columbia Heights, Brooklyn, N. Y.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Tilson Mfg. Co., Malden, Mass.
Townsend Co., New Brighton, Pa.
Twisted Wire & Steel Co. ("Mitchell's Peerless"), 437 11th av. New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

2630— Classifiers (Slime)

Colorado Iron Works Co. ("Atkins" Hydraulic & Mechanical), Denver, Colo.
Denver Engineering Works Co. ("Richards" Pulsator), Denver, Colo.
Dorr Co ("Dorr), Denver, Colo.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
KENNEDY-VAN SAUN MFG. & ENG. CORP. (Hydaulic, also Mechanical), 120 Broadway, New York *See adv index at end of book*
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
United Iron Works, Kansas City, Mo.

2631— Claws (Coal)

Wrightsville Hardware Co., Wrightsville, Pa.

2632— Claws & Grabs (Nail)

Auer John Jr. (4 & 5 Prong), 197 Middleton, Brooklyn, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Landers Frary & Clark, New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V & B" 3 Prong Claws Only), 2114 Carroll av, Chicago, Ill.

2633—Claws & Pullers (Tack)

Arcade Mfg. Co., Freeport, Ill.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Bradley & Farnham ("Samson," "Monarch," "Ellis"), Middlefield, Conn.
Browne W. G. Mfg. Co. ("Star" Combination "Sterling," "Neverbreak," "Queen"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("Standard Giant," "Yankee," "Sterling," "Star"), Meriden, Conn.
Buffum Tool Co. ("Swastika" Wood Handle, Drop Forged), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co. ("Fetchum," "Buckeye" Claw), 6126 S La Salle, Chicago, Ill.
Cronk & Carrier Mfg. Co. ("Little Giant"), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Deuse J. S., Chester, Conn.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Fletcher-Terry Co. ("Little Corporal"), Forestville, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
Jennings C. E. & Co., 71 Murray, New York
Johnson Wm. (Hedenberg Wks), Newark, N. J.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Knickerbocker Mfg. Co., Belleville, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Frary & Clark (Cast Steel & Malleable Iron), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Osborne C. S. & Co., Box 183 Newark, N. J. *See adv index at end of book*
Parkhurst L. D., Danielson, Conn.
Potter Mfg. Co. (Forged Steel), Geneva, O.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rocky Hill Hardware Co. ("Samson" Polished Steel & Malleable Japanned, etc), Rocky Hill, Conn.
Sargent & Co., New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
SMITH & HEMENWAY CO., INC. ("Giant" & Red Devil"), 261 H. B'way, New York, & 130 H. Coit, Irvington, N. J. *See adv index at end of book*
Southington Hardware Co., Southington, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Turner & Deegan ("Little Gem"), Bristol, Conn.
Verona Tool Works (Spike, etc.), Oakmont, Pa.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2633a— Clay-Ball (Miners)

Drakenfeld, B. F. & Co., 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Monarch Clay Mining Co., The, Bellevue, Campbell Co., Ky. *See adv index at end of book*
Spinks H. C. Clay Co., The, Newport, Ky. *See adv index at end of book*

2634— Clay Color Mfrs.

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

2635— Clay Feeders

(See also Feeders, Coal, Stone, Lime, Cement, etc.)
Fate-Root-Heath Co., Plymouth, O.

Clay (Fire)

See Fire Clay

2635a— Clay Goods

See also Specific Article
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Denver Fire Clay Co., Denver, Colo.
Mine & Smelter Supply Co. ("Massco"), 42 B'way, New York.

2636—Clay Miners & Shippers

Anness & Potter Fire Clay Co., Woodbridge, N. J.
Ashland Fire Brick Co. (For all Purposes), Ashland, Ky. *See adv index at end of book*
Binswanger H. P., 7 W 16th, New York
Bloomfield Clay Co., Metuchen, N. J.
Brown's Mills Sand Co. in the Pines (Mines), Brown's Mills, N. J.
Cameron Clay Products Co., Emporium, Pa.
Cumberland Clay Co. (Refined White), Mt. Holly Springs, Pa.
Cutter W. C., Woodbridge, N. J.
Diller Clay & Stone Co., Lancaster, Pa.
Edgar Brothers Co., Metuchen, N. J.
Edgar Plastic Kaolin Co., Metuchen, N. J.
Excelsior Ball Clay Co. (Hickory & Sagger Clay), Cincinnati, Ohio
Harris Clay Co., Dillsboro, N. C.
Kiamensi Clay Co., Wilmington, Del.
Maurer Henry & Son (For All Purposes), 420 E 23d. New York
Monarch Clay Mining Co., The (Ball, Sagger & Wad Chap), Bellevue, Campbell Co., Ky. *See adv index at end of book*

The Monarch Clay Mining Co.
Miners and Shippers of
Ball, Saggar and Wad Clays
Bellevue (Campbell County) Kentucky

Moon Clay & Kaolin Co. (Miners of Sagger Clay), Trenton, N. J.
National Sales Co. (Ball), 31 E 13th, Cincinnati, O.
Ostrander Fire Brick Co., Troy, N. Y.
Paper Makers' Chemical Co., Easton, Pa.
Product Sales Co., 32 So. Culvert, Baltimore, Md.
Raritan Ridge Clay Co., Metuchen, N. J.
Rutland Fire Clay Co. ("Rutland") Rutland, Vt.
Spinks, H C. Clay Co., The (Ball, Sagger & Wade Clays), Newport, Ky. *See adv index at end of book*

The H. C. Spinks Clay Co.
Miners and Shippers of
Ball, Saggar and Wad Clays
Newport Ky.

Uhl Pottery Co., Evansville, Ind.
Valentine M. D. & Bro. Co. (Foundry, etc), Woodbridge, N. J.
Vanderbilt R. T. Co., 50 E. 42d, New York

2636a— Clay (Pipe)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

2637— Clay (Stove)

Rogers & Co. ("Keystone"), Royersford, Pa.
Uhl Pottery Co., Evansville, Ind.
Williams Stove Lining Co. ("Eagle"), Taunton, Mass.

2638—Clay & Shale Gatherers

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.

Clays (Bleaching & Filtering)

See Fullers Earth

2639— Clays (China)

CHRYSTAL CHARLES B. (Importer), 13 Cliff, New York *See adv index at end of book*
Drankenfeld B. F. & Co. (Imp.), 50 Murray, New York
Dunn & Kruse, 63 Park Row, New York
Excelsior Ball Clay Co., Cincinnati, O.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co., 2 Stone, New York
Golding Sons Co., Trenton, N. J.
Hammill & Gillespie, 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield John W., 248 N 10th, Brooklyn, N. Y.
Higman John W. Co. (Imp.), 29 B'way, New York
Katsenbach & Bullock Co., 100 William, New York
Keystone Minerals Co. 41 Union Sq, New York
Klipstein A. & Co., 644 Greenwich, New York
Moore & Munger (Imp.), 29 B'way, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
Nevins Sam'l Co. (Dried, Ground & Bolted), 109 S 2d, Phila., Pa.
Newark China & Clay Co. (Miners & Refiners), Newark, Del.
New England Quartz Co. of N. Y., 150 Nassau, New York.
Paper Makers' Chemical Co. (American & English), Easton, Pa.
Perkins, Goodwin & Co., 33 W 42d, New York
Phila. Clay Co., 1316H Commonwealth Trust bldg., Phila., Pa.
Product Sales Co., 32 So Calvert, Baltimore Md.
Reichard-Coulston Co. (English Imp.), 303 5th av, New York
Rockcastle Cement & Lime Co., Munsey bldg., Baltimore, Md.
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Sant John & Sons Co., East Liverpool, O.
Savannah Kaolin Co., Savannah, Ga.
SCHEEL WM. H., 159 Maiden lane, New York *See adv index at end of book*
Sergeant, E. M. Co., 15 E. 26th, New York *See adv index at end of book*
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Smith Alfred, Ltd., Park pl, New York
Star Clay Co. (Ltd.), Mertztown, Pa.
Taintor H. F. Mfg. Co. (Bolted, English), 2 Rector, New York; Works: Bayonne, N. J.
Taintor Trading Company, Inc. (Imp.), 24 State, New York
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
Vanderbilt R. T. Co., 50 E. 42d, New York
Vitro Mfg. Co. (Kaolin), H Bessemer bldg., Pittsburgh, Pa.
Wagner Charles A. (Dried, Ground & Bolted), 222H N. Front, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
WILLIAMS C. K. & CO. (Bolted), Easton, Pa. *See adv index at end of book*

2640— Clays (Crucible)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Excelsior Ball Clay Co., Cincinnati, Ohio
Kern Commercial Co. ("Schippach" Imp.), 115 Broad, New York
Kiamensi Clay Co., Wilmington, Del.
Moore & Munger (Imp), 29 B'way, New York
Meng Anthony & Co. ("K. B. Crown" Imported), 17 S Front, Phila., Pa.
National Sales Co., 31 E 13th, Cincinnati, Ohio

2641— Clays, Minerals, Etc.

See also Color Manufacturers & Importers
Atterbury Bros., Inc., 145 Nassau, New York
Binney & Smith Co., 81 Fulton, New York
Binswanger, H. P. (Whol. Dur.), 7 W 16th, New York

Campbell P. D. Co. (Minerals), 401 E 36th, New York
Cherokee Ochre Co., Cartersville, Ga.
CHRYSTAL, CHAS. B., 13 Cliff, New York
See adv index at end of book
Crossman Co., South Amboy, N. J.
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imported), 63 Park Row, New York
Earle E. P., 165 B'way, New York
Excelsior Ball Clay Co. (Fire, Ball, Modeling, China, Crucible, Glass Pot, Potters' & Paper Makers' Clays), Cincinnati, Ohio
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Feuchtwanger L. & Co., 74 Cortlandt, New York
Fuerst Bros. & Co. (Importers), 2 Stone, New York
Georgia-Peruvian Ochre Co., 165 B'way, New York
Goebel J. & Co. (Imp), 129 Maiden la, New York
Great Eastern Clay Products Co., 175 5th av, New York
Hammill & Gillespie (China, Potters, etc), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrmann Morris & Co. (Non-Fading Reds), 200 5th av, New York
Illinois Kaolin Co. (Dagger, Paper & Paint Clays), Anna, Ill.
Industrial Minerals Co., Inc., 525 Phelan bldg, San Francisco, Cal.
International Pulp Co., 41 Park Row, New York
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
MINER-EDGAR CO. (Washed, Floated Brands), 110 William, New York
Monarch Clay Mining Co., The (Ball, Sagger & Wad Clays), Bellevue, Campbell Co., Ky.
See adv index at end of book
Moore & Munger (Imp), 29 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York
Nevins Samuel Co., 109 S 2d, Phila., Pa.
New Riverside Ochre Co., Cartersville, Ga.
Paper Makers' Chemical Co. (English & Domestic China & Ball Clays), Easton, Pa.
Phila. Clay Co. (High Grade Clays), 1316H Commonwealth Trust bldg., Phila., Pa.
Prince Mfg. Co. (Mineral Brown), 165 B'way, New York
Product Sales Co., 32 So. Calvert, Baltimore, Md.
Robbins A. A., 99 John, New York
Salomon L. A. & Bro. (China Clay, etc), 216 Pearl, New York
SCHEEL WM. H. (Imp.), 159 Maiden lane, New York *See adv index at end of book*
Smith J. Lee & Co. (Ochres, Crown Paris White, Indian & Venetian Reds, Drop Black & Colors, China Clay), 19 Jacob, New York
Spinks, H. C. Clay Co., The (Ball, Sagger & Wad Clays), Newport, Ky.
See adv index at end of book
Star Clay Co. (Ltd.) (Clays), Mertztown, Pa.
Such Clay Co., South Amboy, N. J.
Tennant C. Sons & Co. of N. Y. (Imp.), (Arsenic, China Clay, Talc, etc.), 100 William, New York
Thiele E., 11 Cliff, New York.
Union Talc Co. (Agalite), 132 Nassau, New York; Works: Gouverneur, N. Y.
Vanderbilt R. T. Co., 50 E 42d, New York
Wagener John O. & Co. (Mineral Pulp), Easton, Pa.
Wagner Chas. A., 221 N Front, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York
Wilbur J. Co. (American Ochres, Talckene, Black Filler & Red & Gray Slates), Office, Providence, R. I.; Factory, Phila., Pa.
WILLIAMS C. K. & CO. (Mineral Pulp, Clays, Ochre, etc), Easton, Pa.
See adv index at end of book

2642— Clays (Modeling)

Embossing Co., Albany, N. Y.
Excelsior Ball Clay Co., Cincinnati, Ohio
Livermore Fire Brick Works, 604 Mission, San Francisco, Cal.
National Sales Co., 31 E 13th, Cincinnati, Ohio
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
Novitas Sales Co. ("Modeline"), Waltham, Mass.
San Antonio Sewer Pipe Works, San Antonio, Texas
Stewart & Co. ("Plasteline"), 24 B'way, New York
Uhl Pottery Co., Evansville, Ind.

2642a— Cleaner (Auto)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Chemical Products Div. ("Pontoklene"), Wilmington, Del.
See adv index at end of book

2643— Cleaners (Air)

Audiffren Refrig. Machine Co. ("Audriffren"), 90H West, New York
Holly Pneumatic Systems, Inc. (Air Purifiers & Separators), 145H W. 45th, New York
Lord Mfg. Co. ("Spencer Patent, Screenless, for Air Compressors), 105 W 40th, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

2644—Cleaners (Alfalfa Seed)

Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. Racine, Wis.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

2645—Cleaners (Bean & Pea)

Dickey A. P. Mfg. Co., Racine, Wis.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Owens J. L. Co. ("Advance"), Fulton & S E Huron, Minneapolis, Minn.
Tinkham C. O. ("Advance" Spiral Brush Bean Cleaner & Polisher), Akron, N. Y.

2646—Cleaners (Boiler Flue & Tube)

ADVANCE PACKAGE & SUPPLY CO., 54 E. Lake, Chicago, Ill.
Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
Atlas Mfg. Co., 154 1st, San Francisco, Cal.
Bate Boiler Efficiency Co., Conshohocken, Pa.
Bayer Steam Soot Blower Co., St. Louis Mo.
Berry Engineering Co., Chester, Pa.
Browne F. W. Farmington, N. H.
Caldwell H. W. & Son Co. ("Ruggles"), 17th & Western av, Chicago, Ill.
Central Machine & Foundry Co., Marion, Ind.
Challenge Tube Cleaner Co., 63 Market, Lowell. Mass.
Chesterton A. W. Co. ("Ingalls," "Firearms," "Favorite," "Favorite Improved," "Eliptical" Tube Scraper, "Engineers' Favorite" & "Wonder" Tube Cleaner, Combination Scraper & Brush & "Robinson" Blowers & Suckers), 64 India, Boston, Mass.
Christoffel's A. Sons, 277 Eldert, Brooklyn, N. Y.
Claflin C. A. Co. ("Claflin" Patent Steam Automatic & Continuous Blast), 60H Pearl, Boston, Mass.
Clark A. C. & Co. (Mechanical Boiler Cleaner), 1035 E 76th, Chicago, Ill.
Coggeshall Co., 123 Liberty, New York
Crescent Brass Products Co. ("Cyclone" Steam Flue Cleaner), 8410H Lake av, Cleveland, O.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Decatur Specialty Co. (Flue), Decatur, Ill.
Diamond Power Specialty Co. ("Diamond" Steam Tube Cleaner, Suckers & Blowers), Detroit, Mich.
Elliott B. K. Co. ("Cyclone," "Bull Dog"), 126 6th, Pittsburgh, Pa.
Federal Stamping Co. ("Rex" and "E-Z" All Steel for Hot Air Furnaces), Holland, Mich.
Flint Warren F. Co. (Wire), 74 India, Boston, Mass.
GEM MFG. CO. ("Gem" Flue Scrapers), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

SCRAPERS (BOILER TUBE)
GEM UARANTEE GOOD
"Gem," Brush Spiral and Coniform are wonders.
GEM MFG. CO., Pittsburgh, Pa.

General Specialty Co. ("Torpedo" Fire Tube Cleaner & "Demon" Water Tube Cleaner, Operated by Water), Buffalo, N. Y.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, N. Y.
Gilmore Tube Scraper Works (F. G. Crowell, Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.
Globe Boiler Compound Co. ("Case" Patent Metal Boiler Cleaner), Binghamton, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Griffiths Jas. A. ("The Cook" Blowers & Suckers), 1315 Buttonwood, Phila., Pa.
Hennebohle Frank (Blowers & Suckers) 81st & S Chicago av, Chicago, Ill.
See adv index at end of book
Hilts Wrench & Mfg. Co. ("Perfect"), Richford, N. Y.
Huyette, Paul B. Co. ("Tornado" Steam Boiler), 5H S. 18th, Phila., Pa.
Irving Mfg. & Tool Co. (Flue Cleaners), 157 Chambers, New York
Leonard & McCoy ("The Hotchkiss"), 161 Washington, New York
Liberty Mfg. Co. ("Liberty," "Cyclone," "Dog," "Victor" Tube Only), H Frick bldg., Pittsburgh, Pa.
Lord L. L., Meadville Pa.
McCrea Jas. & Co. ("Butman's" Ball Joint Flue Scraper Rod), 562 W Washington, Chicago, Ill.
McLaughlin Geo. G. Mfg. Co., 24 Washington, N. Boston, Mass.
Manchester Mfg. Co. ("The Meyers" Automatic Skimmer), North Manchester, Ind.
Marion Machine, Foundry & Supply Co. ("Marion" Flue Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
Mulholland Wm. ("Spencer"), 79 White, New York
National Boiler Specialties Co., Elgin, Ill.
National Flue Cleaner Co., Trenton, N. J.
Newark Brush & Scraper Co. ("Abrams" Tube Brush), 266 Fabyan pl, Newark, N. J.
New Bern Flue Cleaner Co., Franklin Bank bldg, Phila., Pa.
New York Central Iron Works Co., Inc., Dept. H. Hagerstown, Md.
Nuhring & Bros (Soot Blowers & Suckers, "Success" & "Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Osborn-Crew Mfg. Co., 1628 E 39th, Cleveland, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 35 Nassau, New York
Perfection Grate & Supply Co. ("Perfection" Blower), Springfield, Mass.
Pierce Wm. B. Co. ("Dean" Boiler Tube Cleaner, Steam or Power), 40 N Davision, Buffalo, N. Y.
Pilley Flue Brush Co. (Brushes, Scrapers & Blowers), 604 S 3d, St. Louis, Mo.
Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
Reiter E. H., Elgin, Ill.
Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
Rosedale Foundry & Machine Co. (Pneumatic), Columbus & Preble, Pittsburgh, Pa.
Roto Co. ("Roto" Steam, Air & Water Driven for Fire Tube and Water Tube Boilers), Hartford, Conn.
Ryerson J T & Son (Steam or Power), 910 Corn Exchange bldg, & 16th & Rockwell, Chicago, Ill.
See adv index at end of book
Scully Steel & Iron Co. ("Ruggles" Perfection Flue Cleaner), 2364 S Ashland av, Chicago, Ill.
Seehausen, Wehrs & Co. ("Chicago"), 173 N Franklin, Chicago, Ill.
Sharkey & Peck (Boiler Cleaners & Skimmers), 2433 W 18th, Chicago, Ill.
Thompson, Richard & Co. ("Thompson," "20th Century" Tube Cleaner or Injection Blower), 146H Liberty, New York
Thum C. D. (Brushes), 150 N 3d, Phila., Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Worcester Brush & Scraper Co. ("Criss-Cross" Tube Cleaner, etc), Worcester, Mass.

2647—Cleaners, Boiler Flue or Tube (Brushes)

See also Brushes, Flue

Browne F. W. ("Abrams" Steel Wire), Farmington, N. H.
Chesterton A. W. Co. ("Abram" Tube Brush & Spiral Tube Brush, Fine Wire), 64 India, Boston, Mass.
Christoffel's A. Sons (Flexible Steel Coil Brushes), 277 Eldert, Brooklyn, N.Y.
Felton D. D. Brush Co., Atlanta, Ga.
Flint Warren F. Co., 220 Franklin, Boston, Mass.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Newark Brush & Scraper Co. ("Abram's" Tube Brush), 266 Fabyan pl, Newark, N. J.
Peerless Mfg. Co. ("Peerless"), New Durham, N. H.
Pilley Flue Brush Co. ("Pilley" Wire & "Abrams"), 604 S 3rd, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thum Chas. D., 150 N 3rd, Phila., Pa.
Worcester Brush & Scraper Co. ("Ingalls" Tube Brush & Cleaner, & "Worcester" Flue Brush), Worcester, Mass.

2648—Cleaners, Boiler Flue or Tube (Scrapers)

Chesterton A. W. Co. ("Ingalls" Tube Scraper, "Engineer's Favorite" Elliptical; also Combined Scraper & Brush, "Favorite Improved," Fireman's Favorite"), 64 India, Boston, Mass.
Christoffel's A. Sons, 277 Eldert, Bk'lyn, N. Y.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Gilmore Tube Scraper Works (F. G. Crowell Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*

CLEANERS, BOILER FLUE OR TUBE (SCRAPERS)—continued

Keeley James J. ("Jackson" Flue Scraper), Jackson, Mich.
Lord L. L., Meadville, Pa.
Newark Brush & Scraper Co. ("Collicott's" Improved Ingall's), 266 Fabyan pl, Newark, N. J.
Pilley Flue Brush Co. ("Pilley"), 604 S 3rd, St. Louis, Mo.
Ryerson, Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co. ("Ruggles Perfection"), 2364 S Ashland av, Chicago, Ill.
Sherwood Mfg. Co. ("Duplex" Tube Scraper, "Engineers' Favorite" Flue Scraper), 1709 Elmwood, Buffalo, N. Y.
Smith Winfield H. ("Common Sense"), Buffalo, N. Y.
Stewart Heater Co. ("Favorite"), N Tonawanda, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Worcester Brush & Scraper Co. ("Ingalls" Tube Scraper & Brush), Worcester, Mass.

2649—Cleaners, Boiler Flue or Tube (Soot Blowers & Suckers)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Chesterton A. W. Co. ("Wonder," "Robinson" Tube Cleaner), 64 India, Boston, Mass.
Claflin C. A. Co. ("Claflin" Automatic & Continuous Blast), 60H Pearl, Boston, Mass.
Coggeshall Co., 123 Liberty, New York
Diamond Power Specialty Co. ("Diamond" Steam Flue Blower), Oakland & Caniff, Detroit, Mich.
General Specialty Co. ("Whirlwind"), Buffalo, N. Y.
Griffiths James A. ("The Cook"), 1315 Buttonwood, Phila., Pa.
Hafer Foundry & Machine Works, Chambersburg, Pa.
Hennebohle Frank, 81st, S Chicago av, Chicago, Ill. *See adv index at end of book*
Huyette Paul B. Co. ("Tornado" Air Blower Tube or Flue Cleaner), 5 S 18th, Phila., Pa.
Lane Mfg. Co., Chicago Heights, Ill.
Marion Machine, Foundry & Supply Co. ("Marion" Soot Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
National Flue Cleaner Co. ("National"), Trenton, N. J.
Nuhring Chas. & Bro. ("Success" & "Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 35 Nassau, New York
Pilley Flue Brush Co. ("Pilley" Flue Blowers), 604 S 3rd, St. Louis, Mo.
Self-Cleaning Strainer Co., 6329 Stewart av, Phicago, Ill.
Sherwood Mfg. Co. ("Favorite" Steam Flue Blowers), 1709 Elmwood, Buffalo, N. Y.
Steam Appliance Co. ("Henry" Steam), Milwaukee, Wis.
Thompson, Richard & Co. ("Thompson" "20th Century" Tube Cleaner or Injection Blower), 146H Liberty, New York
Vulcan Soot Cleaner Co. ("Vulcan"), Du Bois, Pa.

2650—Cleaners, Boiler Flue or Tube (Steam or Power)

Bayer Steam Soot Blower Co. (Steam Only), St. Louis, Mo.
Caldwell H. W. & Son Co. ("Red Jacket"), 17th & Western av, Chicago, Ill.
Claflin C. A. Co. ("Claflin" Steam Automatic & Continuous Blast), 60H Pearl, Boston, Mass.
Cleveland Flue Cleaner Mfg. Co., 321 Frankfort av, N. W., Cleveland, O.
Coggeshall Co., 123 Liberty, New York
General Specialty Co. ("Torpedo" Power), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hafer Foundry & Machine Wks., Chambersburg, Pa.
Lagonda Mfg. Co. ("Weinland" Water Power Tube Cleaner), Springfield, O.
Liberty Mfg. Co. ("Liberty," "Cyclone" Steam Water or Air Drench), H Frick bldg., Pittsburgh, Pa.
Manchester Mfg. Co. ("Myers," Automatic), North Manchester, Ind.
Maurer Wm. & Co. ("Lightning" Tube Cleaners), South Bend, Ind.
Ryerson, Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Steam Appliance Co. ("Henry"), Milwaukee, Wis.

2651—Cleaners (Boiler, Skimmers)

Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Monarch Silk Remover Co. (Inc.) (Steam), 261 Franklin, Boston, Mass.
Osborn-Crew Mfg. Co. ("A. & D."), 1628 E 39th, Cleveland, O.
Pierce Wm. B. Co. ("Dean" Tube Cleaner), 40 N Davision, Buffalo, N. Y.
Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
Roto Co. ("Roto" Steam, Air & Water Driven), Hartford, Conn.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Steam Appliance Co. ("Henry," Steam Flue Cleaners), Milwaukee, Wis.
Buckeye Boiler Skimmer Co. ("Buckeye" Automatic), Toledo, O.
Manchester Mfg. Co. ("Myers"), North Manchester, Ind.
Sharkey & Peck, 2433 W 18th, Chicago, Ill.
Yarnall Waring Co., Chestnut Hill, Phila., Pa.

2652—Cleaners (Boiler, Turbine)

Lagonda Mfg. Co. ("Weinland"), Springfield, O.

2653—Cleaners (Bolting Cloth)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Cream City Can Works ("Peterson's"), 241 Oregon, Milwaukee, Wis.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Robinson Mfg. Co., Muncy, Pa.

2654— Cleaners (Broom Corn)

Reese F. W. ("Reese"), Paris, Ill.
Shaw, Welch & Co. ("Galesburg"), Galesburg, Ill.

Cleaners (Carpet)

See Sweepers, Carpet

2655— Cleaners (Corn)

Barnard & Leas Mfg. Co., Moline, Ill.
Cleland Mfg. Co. ("Expert"), 280 University av, N, Minneapolis, Minn.
Ferrell A. T. & Co., Saginaw, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Marseilles Works of Deere & Co., East Moline, Ill.
Nordyke & Marmon Co. (Also Grain), Kentucky av & Morris, Indianapolis, Ind.
Owens J. L. Co., Fulton & S. E. Huron, Minneapolis, Minn.
Robinson Mfg. Co., Muncy, Pa.
Sprout Waldron & Co., Muncy, Pa.
Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.
Union Iron Works, Decatur, Ill.

2655a—Cleaners (Current & Raisin)

American Machinery Co. ("American"), 330 N 12th, Phila., Pa.

2656— Cleaners (Drain)

See also Shovels & Spades, Drain & Tiling
Columbus Handle & Tool Co., Columbus, Ind.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Iwan Bros. ("Champion"), South Bend, Ind.
Seymour Mfg. Co., Seymour, Ind.

2657-8—Cleaners (Drain Pipe)

Blue Seal Chemical Co., 424 Broome, New York
Chamberlain Co. ("Desolvo" Compound), 305 Penn av, Pittsburgh, Pa.
Chemical Products Co. ("Ninety-Nine"), 116 Christopher, New York
Cooper Sanitary Mfg. Co. (Solvent), 34th & Chestnut, Phila., Pa.
Hercules Chemical Co., 347 B'way, New York

Cleaners (File)

See Cards, File

2659— Cleaners (Flax-Seed)

Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Owens J. L. Co. ("Northwestern"), Fulton & S. E. Huron, Minneapolis, Minn.

2660— Cleaners (Gun)

See also Tools, Gun Cleaning & Reloading
Faries Mfg. Co. (Rods), Decatur, Ill.
Handy Things Mfg. Co., Ludington, Mich.
Marble Arms & Mfg. Co., Gladstone, Mich
Rogers Frank H, Deep River, Conn.
Stevens J. Arms Co. (& Rifle), Chicopee Falls, Mass.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

2661— Cleaners (Hand)

See also Soap
California Exterminating Co., Inc., 121 Manhattan, New York.
Fiebing Chemical Co., 240 Reed, Milwaukee, Wis.
Flash Chemical Co., 160-2nd, Cambridge, Mass.
Harsh-Miller Mfg. Co. ("Humane" Horse Cleaners), Wabash, Ind.
Hollingshead R. M. Co. ("Whiz" Roadside), Camden, N. J.
Klean-Wel Mfg. Co. ("Klean-Wel"), Superior Viaduct, Cleveland, O.

2662—Cleaners, Hat (Motor Driven)

Fidelity Elec. Co., Lancaster, Pa.
Robbins & Myers Co., 1400 Layonde, Springfield, O.
Schnauffer Wm. A., 200 W. 83d, New York

2663— Cleaners (Hose)

Consolidated Mfg. Co. ("Rudiger" Automatic), 54 Belmont av, Newark, N. J.

2664-5— Cleaners (Knife)

Hamilton-Low Co. ("P. D."), 62 Van Winkle av, Jersey City, N. J.
Keil Francis & Son, 401 E 163d, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.

2666— Cleaners (Metal)

Advance Platers' Supply Co., 125 W Illinois, Chicago, Ill.
Am. Chemical Paint Co. (For Iron & Steel), 1118 S 11th, Phila, Pa. *See adv index at end of book*
Electric Smelting & Aluminum Co. ("Mineral-Cleaner"), Lockport, N. Y.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Ford J. B. Co ("Wyandotte"), Wyandotte, Mich.
International Chemical Co., Camden, N. J.
Orona Sales Co. ("Orona"), 29 India, Boston, Mass.
Pangborn Corp. (Exterior Car), Hagerstown, Md.
Rhodes Jas. H. & Co. ("Carlsruhe"), 115 Fulton, New York

2667—Cleaners or Rumblers (Cork)

U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

2668— Cleaners (Pavement)

See also Scrapers, Road & Pavement
American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Columbus Handle & Tool Co. ("Columbus" Steel), Columbus, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Jackson Shovel & Tool Co. (Steel), Montpelier, Ind.
Kohler F. E. Co. (Steel), Canton, O.
Maynard C. A., Northampton, Mass.
Union Fork & Hoe Co. (Solid Steel, Snow & Ice), Columbus, O.
Union Furnace Mfg. Co., Union Furnace, Pa.
Wallingford Mfg. Co. (Solid Steel, Snow & Ice), Wallingford, Vt.

2669— Cleaners (Pipe)

B. B. Specialty Co. ("Burke" Waste Steel Wire), 443H Liberty av, Pittsburgh, Pa.
Baum Bros. Co., Denver, Col.
Chamberlain Co. ("Desolvo"), 305 Penn av, Pittsburgh, Pa
Coleman, Allan J. ("C. C. C."), 208 Wabash av, Chicago, Ill.
Hearn, H. B. Co., Inc., 101 S. Frederick, Baltimore, Md.
Hercules Chemical Co. (Chemical Plumbing), 347 W B'way New York
Lewis Sam'l Drain ("Wrigley"), 73 Barclay, New York
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Pilley Flue Brush Co., 604 S 3d, St. Louis Mo.

2670— Cleaners (Pot)

See also Scrapers, Pot & Kettle
Andrews Wire & Iron Works, Rockford, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Mystic Mit Co., Inc., 240 Main, Orange, N J.
Ritzenhaler John ("Durable," Gold Sink Metal), 73 Franklin, New York
Sherwood J. M. Co., 154 Chambers, New York
Wickwire Spencer Steel Corp. ("Natwire"), Worcester, Mass. *See adv index at end of book*

2671— Cleaners (Sack)

Robinson Mfg. Co., Muncy, Pa.
White T. G. ("Wizard"), Cedar Rapids, Ia.
Wolf Co., Chambersburg, Pa.

2672— Cleaners (Shoe)

Dennehy Bros., Brockton, Mass.
Hilker Edward Mop Co. ("Hilker"), 2614 W. Grand av, Chicago, Ill.
Root-Heath Mfg. Co. ("Universal"), Plymouth, Pa.

Cleaners (Sidewalk)

See Cleaners, Pavement

2673— Cleaners (Sink)

National Enameling & Stamping Co., 411 5th av, New York
New York Stamping Co. ("Magic"), N 11th & Berry, Brooklyn, N. Y.

Osborn Mfg. Co., 5401 E. Hamilton av, Cleveland, O.
Wickwire Spencer Steel Corp. ("Natwire"), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.

2674— Cleaners (Skylight)

Andersen Specialty Co. ("Daylite," Greaseless), 6 E Lake, Chicago, Ill.

2675—Cleaners (Smoking Pipe)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

2676— Cleaners (Soot)

Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Diamond Power Specialty Co., Oakland & Caniff, Detroit, Mich.
Nute, McGehee, Geary Co., Broad, Chambersburg, Pa.

2677— Cleaners (Track)

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Root Spring Scraper Co., Kalamazoo, Mich.
St. Louis Car Co. (Scrapers), 8000 N B'way, St. Louis, Mo.

Cleaners (Vacuum)

See Vacuum Cleaners, Hand & Power

2678—Cleaners (Wall Paper)

Climax Cleaner Mfg. Co., 2080 W 110th, Cleveland, O.
Electric Cleanser Co., Canton, O.
Fuller H. B. Co. ("Fuller's" Cold Water), 188 W 3d, St. Paul, Minn.
Jewel Mfg. Co., 2863 W 22nd, Chicago, Ill.
Klean-Wel Mfg. Co. ("Klean-Wel"), Superior Viaduct, Cleveland, O.
Mayer, F. D. Mfg. Co., 222 W. Superior, Chicago, Ill.
Rutherford Wm., 2433 Leland av, Chicago, Ill.

2678a—Cleaners (Wind Shield)

Alcemo Mfg. Co. ("Klear-Sight"), 12 Bridge, Newark, N. J.
American Automatic Devices Co. ("Clear Vision" & "Eclipse"), 515 W. Monroe, Chicago, Ill.
Badger Mfg. Co. ("Rain-A-Way"), 317 Milwaukee, Milwaukee, Wis.
Gabriel Mfg. Co. ("Gabriel"), 1407 E. 40th, Cleveland, O.
Kimball, C. P. & Co. ("Kimbo"), 900H S. Michigan av, Chicago, Ill.
Nagel, W. G. Electric Co., 32 St. Clair, Toledo, O.
Tri-Continental Corp. ("Tri-Co. Rain" Rubber), 2665 Main, Buffalo, N. Y.

2679— Cleaners (Window)

See also Brushes, Window
Coleman Allan J. ("Improved" Adjustable & Flexible Coil), 208 Wabash av, Chicago, Ill.
Dennis W. J. & Co. ("Ideal"), 2120 W Lake, Chicago, Ill.
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
Goodrich B. F. Co. (Rubber), Akron, O.
MacLeod Mfg. Co., 2640 Greenview av, Chicago, Ill.
Osborn Mfg. Co. ("Sure Clean"), 5401 E Hamilton, Cleveland, O.
Outlook Co. (Auto Windshield), 5510 Euclid av, Cleveland, O.
Parker Wire Goods Co., Worcester, Mass.
Smith F. H. Mfg. Co. ("Common Sense" Adjustable & "O. K."), 3047 Carroll av, Chicago, Ill.
Standard Cleaner Co. ("Peerless," "X-L-C-R" Rubber), 136 W Lake, Chicago, Ill.
Tri-Continental Corp., 2665 Main, Buffalo, N. Y.

2680—Cleaning (Water Main)

National Water Main Cleaning Co., 50 Church, New York

2681— Cleanouts

American Foundry & Mfg. Co. (Brass, Cast Iron & Iron Body), 11th & Hebert, St. Louis, Mo.
Barrett Jas. Mfg. Co. ("Barrett Nonpareil," Cast Iron & Iron Body), 117 Pearl, Boston, Mass.
Bignall Co. ("Dandy"), Medina, N. Y.
Blake Specialty Co. ("Blake's"), Rock Island, Ill.
Central Foundry Co. ("Sure-Seal," Cast Iron & Iron Body), 90 West, New York
Charlotte Pipe & Foundry Co. (Cast Iron & Iron Body), Charlotte, N. C.
Compound Injector & Specialty Co. ("Dehn's Acme," Cast Iron), 419 N Laramie av, Chicago, Ill.
Conrad Jno. F. Co., Elizabeth, N. J.
Cooper Sanitary Mfg. Co. (Brass), 34th & Chestnut, Phila., Pa.
Craig David, 70 Broad, Boston, Mass.
Crampton-Farley Brass Co. ("Noxall" Iron), 221 Main, Kansas City, Mo.
Estabrook's R. Sons ("Boston," Cast Iron), 202 1st, Boston, Mass.
Federal-Huber Co. (Brass), 234 N Halsted, Chicago, Ill.
Fleck Bros. Co. (Brass), 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co. (Cast Iron & Iron Body), 2438 S Paulina, Chicago, Ill.
Glauber Brass Mfg. Co. (Brass & Iron Body), 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co. (Brass & Iron Body), 1136 Ridge, Phila., Pa.
Haydenville Co. (Brass & Iron Body), Haydenville, Mass.
Hays Mfg. Co. ("Foley," Brass & Cast Iron), Erie, Pa.
Illinois Malleable Iron Co. (Brass & Iron Body), 1801 Diversey blvd, Chicago, Ill.
Kupferle Jno. C. Foundry Co. (Iron Body), 1st & Wright, St. Louis, Mo.
Modern Iron Works (Cast Iron & Iron Body), Quincy, Ill.
Monarch Brass Co. (Brass), Cleveland, O.
Perkes Chas. (Est. of) (Brass), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh" Cast Iron), Frick bldg., Pittsburgh, Pa.
Prier Brass Mfg. Co. (Brass & Cast Iron), Kansas City, Mo.
Royal Brass Mfg. Co. (Brass), 1418 E 43d Cleveland, O.
Sanitary Co. of America (Brass, Cast Iron & Iron Body), Linfield, Pa.
Sanitary Co. (Door & Frame Cast Iron & Iron Body), Dept. J, Linfield, Pa.
Stebbins E. Mfg. Co. (Brass), Springfield, Mass.
Street & Kent Mfg. Co. (Brass), 549 Fulton, Chicago, Ill.
Swett A. L. Iron Works (Cast Iron), Medina, N. Y.
Union Brass & Metal Mfg. Co. (Brass), Lawson & Mackubin, St. Paul, Minn.
Union Foundry Co., Anniston, Ala.
Union Metal Works, Chelsea, Mass.
Wheeling Sanitary Mfg. Co. (Enameled), Wheeling, W. Va.
Wolff Mfg. Co. (Brass, Cast Iron & Iron Body), 255 N Hoyne av, Chicago, Ill.
Woodward Wanger Co., 1106 Spring Garden, Phila., Pa.
Zurn, J. A. Mfg. Co. ("Dandy" Last Iron), Dept. H, Erie, Pa.

2681a— Cleanser (Aluminum)

Flash Chemical Co. ("Flash"), 160 2nd, Cambridge, Mass.

2682— Cleats (Awning)

Elbel Co., Dept. H, Canton, O.
Greene, Tweed & Co., 109 Duane, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Parker Wire Goods Co., Worcester, Mass.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

2682a— Cleats (Barrel)

Hubbard & Co. ("Co-Z"), 63d & Butler, Pittsburgh, Pa.
Hubbard Pressed Steel Co., Niles, O.

2683— Cleats (Boat)

Davies & Thomas Co., Catasauqua, Pa.
Elbel Co., Dept. H, Canton, O.
Gillie Machine Co., Tonawanda, N. Y.
Harry L. C. Co., 114 Liberty, New York
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware Co., Peabody, Mass.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
See adv index at end of book
Marine Mfg. & Supply Co., 158 South, New York
Penn Seaboard Steel Corp., Franklin Bank bldg, Philadelphia, Pa.
Shelton Water Co., Derby, Conn.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Inc. (Brass & Galvanized), Middletown, Conn.
See adv index at end of book

2684— Cleats (Car Wiring)

Bryant Electric Co., Bridgeport, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
MORSE FRANK W. (Brass), 289 Congress, Boston, Mass.
See adv index at end of book

2685—Cleats (Compressed Wood Wiring)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.

2686— Cleats (Conduit)

Berger Bros. Co., 229 Arch, Phila., Pa.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

2687— Cleats (Fibre Wiring)

American Vulcanized Fibre Co., 50% Equitable bldg, Wilmington, Del.
Continental Fibre Co. ("Bakelite Dilecto" & Vulcanized fibre), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Electric), Wilmington, Del.
See adv index at end of book
Diamond State Fibre Co., Bridgeport, Pa.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Standard Fibre Co., Miller st, Somerville, Mass.
Wilmington Fibre Specailty Co., Wilmington, Del.

2688—Cleats (Porcelain or Clay)

Akron Smoking Pipe Co., Mogadore, O.
Colonial Sign & Insulator Co., Akron, O.
Denver Pressed Brick Co., Denver, Colo.
Electric Porcelain & Mfg. Co. (Porcelain Only), Trenton, N. J.
Empire China Works (Porcelain to Order Only), 156 Greene, Brooklyn, N. Y.
Imperial Porcelain Works ("Duggan," Porcelain), Trenton, N. J.
Pass & Seymour (Porcelain), Solvay, N. Y.
Thomas R. & Sons Co. (Electrical Porcelain Only), East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

2689— Cleats (Rope)

Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Elbel Co., Dept. H, Canton, O.
Parker Wire Goods Co. ("Handy"), Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

2689a— *Cleats (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2690—Cleavers (Butchers' & Family)

American Knife Co. (Butchers), Baldwinsville, N. Y.
American Cutlery Co. (Family), 764 Mather, Chicago, Ill.
Black John B. Co. ("Wm. Beatty & Sons," "Royal," "Diamond"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Browne & Dowd Mfg. Co. (Family), Meriden, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Family Cleavers), Fremont, Ohio
Clyde Cutlery Co. (Family), Clyde, O.
Enderes, Inc., Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
Forsyth Metal Goods Co. ("Family"), E Aurora, N. Y.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Knickerbocker Mfg. Co. (Family Only), Belleville, N. J.
Mack & Co., Rochester, N. Y.
NICHOLS BROS. ("Nichols Bros." also Packing House), Greenfield, Mass.
Nichols' W. E. Sons Co. (Beef Splitting), 52 Mill, Greenfield, Mass.
Ontario Knife Co. (Family), Franklinville, N. Y.
Reading Saddle & Mfg. Co. ("Reading" Family), Reading, Pa.
Richard Stephen Co. ("S-N" & Family), Southbridge, Mass.
Stortz, Jno. & Son (Family), 210 Vine, Phila., Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co. (Family Cleaver & Tender), Bloomfield, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

2691— Cleavers (Ice)

Gruman Ice Tool Works, Branchville, Conn.

2691a— Cleve's Acid

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept, Wilmington, Del.
See adv index at end of book

2692—Clevises (Anchor & Chain)

Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Bonney Forge & Tool Works, Allentown, Pa.
Marine Hardware—Equipment Co. ("Acme," "Mheco"), So Portland, Me.
See adv index at end of book
Thacher Propeller & Foundry Corp., Albany, N. Y.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

2693—*Clevises (Bridge & Structural)

MERRILL BROS., 3 Arnold, Maspeth, Borough of Queens, N. Y.
See adv index at end of book

2694— Clevises (Evener)

American Logging Tool Co., Evart, Mich.
Badger Malleable & Mfg. Co., S Milwaukee, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
Stowell Co., The, S Milwaukee, Wis.

2695— Clevises (Plow, Etc.)

Badger Malleable & Mfg. Co., So Milwaukee, Wis.
Danville Malleable Iron Co., Danville, Ill.
Dexter Co. ("Dexter" Automatic), Fairfield, Ia.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O.
Eccles Richard Co., Auburn, N. Y.
Empire Plow Co., 3140 E. 65th, Cleveland, Ohio
Federal Malleable Co. ("Federal"), West Allis, Wis.
Frazer & Jones Co. (Mall.), Syracuse, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Haven Malleable Castings Co., Cincinnati, Ohio
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co. ("Mason"), St. Johns, Mich.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Pratt Wm. E. Mfg. Co. ("Pratt"), 35 W Lake, Chicago, Ill.
Rock Island Mfg. Co., Rock Island
Stowell Co., The, S Milwaukee, Wis.
Tower & Sullivan Mfg. Co., Rome, Ga.
Union Malleable Iron Co., East Moline, Ill.

2696—Clevises (Pump Lifting)

Trahern Pump Co., Rockford, Ill.
Ward Love Pump Co. ("Ward-Low"), Rockford, Ill.

2696a— *Clews

Laughlin, Thos. Co., Portland, Ore.
See adv index at end of book

2697— Climbers (Linemen's)

Bates Extended Steel Truss Co., 208 S La Salle, Chicago, Ill.
Blakeslee Forging Co. ("Donnelly"), Plantsville, Conn.
Buckingham W. H. ("Stephens"), Binghamton, N. Y.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co., Columbus, Ind.
Cronk & Carrier Mfg. Co. ("Sure Grip"), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co., Irvington, N. J.
Klein, Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Ransome Concrete Machinery Co. ("Roberts"), Dunellen, N. J.
Reidy Jno. J. ("Superior" Drop Forge), New Haven, Conn.
Smith H. D. & Co. ("S" Drop Forged), Plantsville, Conn.
SMITH & HEMENWAY CO., INC. ("Never Turn," "Swedish" & "Red Devil"), 261 H. B'way, New York, & 130 H. Colt, Irvington, N. J.
See adv index at end of book

2698— Clinometers

Moeller, A. E. (Ship), 261 Sumpter, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

2699—Clippers (Bolt or Rivet)

American Metal Products Co., 72 W Adams, Chicago, Ill.
Carolus Mfg. Co. ("Carolus"), **Sterling, Ill.**
Chain Belt Co. ("Levalley"), **Milwaukee,** Wis.
Helwig Mfg. Co. ("Helwig"), **St. Paul,** Minn.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Irving Mfg. & Tool Co. (Bolt Cutter), 157 Chambers, New York
Mann Corp. (Bolt) ("Manco"), 72 W Adams, Chicago, Ill.
Plomb Tool Mfg. Co. (Jobbers), 2209 Santa Fe av, Los Angeles, Cal.
Porter H. K. ("Easy," "New Easy," "Allen Randall," "O.K.," "1855"), 6 Ashland, Everett, Mass.
Rivet Cutting Gun Co., 116 E. 3rd, Cincinnati, O.
Roberts Mfg. Co. ("Roberts" & "Victor"), Somerville, Mass.
Schollhorn Wm. Co. ("Elm City," "Bernard" End Cutting), **New Haven,** Conn.

Clippers (Cattle Dehorning)

See Dehorners, Cattle

2700—Clippers (Finger Nail)

Cook H. C. Co. ("Gem," "Ansonia"), 100-120 Jewett, Ansonia, Conn.
General Phonograph Corp. ("Ideal"), 25 W 45th, New York
King Klip Co., 1328 B'way, New York
Klip-Klip Co. (Klip-Klip), Rochester, N. Y.
Sperry & Alexander Co. (Toolever), 79 Chambers, New York

2701—Clippers (Hair, Barbers')

Booker Cutlery & H'dwe. Co., Inc., 101 Duane, New York
Brown & Sharpe Mfg. Co., Providence, R. I.
Coates Clipper Mfg. Co. ("Khedive," "Bay State," "Left Hand," "Coates," "Liberty," Capitol," "Success," "Triumph"), Worcester, Mass.
Racine Universal Motor Co. (Electric "Universal"), 53 W Jackson blvd, Chicago, Ill.
Universal Shear & Mfg. Co., 38 Littleton av, Newark, N. J.

2702— Clippers (Horse)

See also Horse Clipping Machines
American Shearer Mfg. Co. ("Priest's"), Nashua, N. H.
Bartley Bros. & Hall ("Clarks" Imported), 50 Warren, New York
Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill.

2703— Clippers (Orange)

Clauss Shear Co. ("Claus"), Fremont, O.
Henry John T. Mfg. Co., Hamden, Conn.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

Clippers (Stay Bolt)

See Pneumatic Stay Bolt Clippers

2704— Clips (Axle)

Akron-Selle Co., Akron, O.
Bonney Forge & Tool Works (Automobile & Carriage Spring), Allentown, Pa.
Bossert Cork, cor Linden & West av, Utica, N. Y.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hardware Co., Lakeside av & E. 45th, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Easton Car & Construction Co., 36 Church, New York *See adv index at end of book*
Eccles Richard Co. (Drop Forged), Auburn, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Keystone Forging Co. ("Windsor" Drop Forged), Northumberland, Pa.
Moore Franklin Co., Winsted, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Seward M. & Son Co., New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Union Forging Co., Union, N. Y.
Upson Nut Co., Cleveland, O.
Western Tool & Forge Co., Brackenridge, Pa.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Williams J. H. & Co. (Drop-Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2705—Clips (Breeching & Cockeye)

American Mfg. Co., Chattanooga, Tenn.
Columbus McKinnon Chain Co., Columbus, Ohio *See adv index at end of book*
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.

Clips (Cable Hanging)

See Hangers, Cable

2706— Clips (Canthook)

American Logging Tool Co., Evart, Mich.
Stowell Co., The, S. Milwaukee, Wis.

2707— Clips (Damper)

Adams Co. ("Adams" Cast Steel & Steel), Dubuque, Ia.
Berger Bros. Co. ("B. B."), 229 Arch, Phila., Pa.
Brohard Co. (Malleable Iron), 3rd & Lehigh, Phila., Pa.
Federal Stamping Co. ("Federal"), Holland, Mich.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Meister & Cochran ("Sterling" No-Rivet), Sterling, Ill.
Parker Supply Co. ("Sure Lock-Clip"), 785 E 135th, New York
Sterling Foundry Co. ("Sterling," No-Rivet), Sterling, Ill.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.
U. S. Register Co., Ltd., Battle Creek, Mich.
Wagner C. De Witt, Cedar Rapids, Ia.
Wrightsville Hardware Co., Wrightsville, Pa.

2708— Clips (Floor)

Chicago Builders' Specialties Co. ("O K" Wire), 11 S La Salle, Chicago, Ill.
Mulvey Chas. Mfg. Co. (Steel Floor), 1840 Carroll av, Chicago, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill.
See adv index at end of book

2709— Clips (Fountain Pen)

Ansonia Novelty Co. ("Best"), Ansonia, Conn.
Consolidated Safety Pin Co. ("Klymax"), Bloomfield, N. J.
Van Valkenburg, L. D. Co. ("Faultless"), Holyoke, Mass.

2710— Clips (Fuse)

Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
D. & W. Fuel Co., Hathaway, Providence, R. I.
Minerallac Electric Co. ("Jiffy"), 1045 Washington blvd, Chicago, Ill.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

2711— Clips (Hame)

Columbus McKinnon Chain Co., Columbus, Ohio *See adv index at end of book*
East Bangor Mfg. Co., Bangor, Pa.
Frazer & Jones Co., Syracuse, N. Y.
Imperial Bit & Snap Co. ("Imperial," "Eureka"), Racine, Wis.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Schartow Mfg. Co., Milwaukee, Wis.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Titchener H. H. & Co., Binghamton, N. Y.

2712— Clips (Paper)

Automatic Pencil Sharpener Co., 58 E Washington, Chicago, Ill.
Automatic Pencil Sharpener Co., Rockford, Ill.
Buffalo Automatic Mfg. Co. ("Climax"), 165 Pearl, Buffalo, N. Y.
Buffalo Machine Mfg. Co., Buffalo, N. Y.
Clinch Clip Co., 196 Seneca, Buffalo, N. Y.
Clipless Paper Fastener Co., Newton, Ia.
Consolidated Safety Pin Co. ("Eureka"), Bloomfield, N. J.
Cook H. C. Co. ("Vise Clip" & "Cling" Clips), 100-120 Jewett, Ansonia, Conn.
Cushman & Denison Mfg. Co. ("Gem," "Ideal"), 240 W 23rd, New York
Eagle Pencil Co., 210 E. 14th st, New York
Easy Fastener Co., Atlanta, Ga.
Eisler Anthony & Co. ("Presto"), 227 Canal, New York
Etching Company of America, 1520H Montana, Chicago, Ill.
EVEREADY MFG. CO. OF BOSTON ("Eveready," also "Eveready" Automatic Clip Fastener Machines), 9 Knapp, Boston, Mass.
See adv index at end of book
Freshour Henry C. ("Perfect"), Bridgeport, Conn.
Gem Stopper Co. (Gesco"), 2120 Nicholas, Phila. Pa.
Globe-Wernicke Co., 25 Carthage av, Cincinati, O.
Graff Geo. B. Co. ("Graffco Vise," "Graffco Cling"), 294 Washington, Boston, Mass.
Grey Iron Casting Co., Mt. Joy, Pa.
Moesting Pin Ticket Co., Inc. ("Gem," "Simplex," "Ring," "Ideal"), Mt. Vernon, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Peet Bros. ("Peet's"), 618-20 Cherry St., Phila. Pa.
Sargent & Co., New Haven, Conn.
Sureloc Paper Clip Co., Providence, R. I.
Van Valkenburg L. D. Co. ("Sta-Fast"), Holyoke, Mass.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Weis Mfg. Co. ("Weis"), Monroe, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
See adv index at end of book
Yessler Max, Inc. ("Cliplox"), Milwaukee, Wis.

2713— Clips (Pen & Pencil)

Ansonia Novelty Co., Ansonia, Conn.
Argus Mfg. Co. ("Up-to-Date"), 402 N. Pauline, Chicago, Ill.
Sterling Metal Novelty Mfg. Co., 174 Worth, N. Y.
Traut & Hine Mfg. Co., New Britain, Conn.
Van Valkenburg L. D. Co. ("Precision" "Holyoke"), Holyoke, Mass.
Waterbury Button Corporation, 831 S Main Waterbury, Conn.
See adv index at end of book

2714— Clips (Saddle, Etc.)

Eccles Richard Co., Auburn, N. Y.

2715—Clips (Singletree & Doubletree)

Eccles Richard Co., Auburn, N. Y.
Harvey Spring & Forging Co., Racine, Wis.

Clips (Sleeper)

See Clips, Floor

2716— Clips (Structural Steel)

Auer John, Jr. (Beam Clips), 197 Middleton, Brooklyn, N. Y.
Streeter Clip & Specialty Co., 4125-27 Ravenswod av, Chicago, Ill.

2717— Clips (Testing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book
Mueller R. S. & Co. (Insulated Universal), 423 High av, Cleveland, O.

2717a— Clips (Tube)

Colton, Arthur Co. (collapsible), 2600H E. Jefferson, Detroit, Mich.

2718— Clips (Wire Rope)

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. (A. S. & W. Co.'s), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co. (Jobbers), 805 N. Main, St. Louis, Mo.
Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
Chicago Wire Rope Preserver Co. ("Chicago"), 315 S La Salle, Chicago, Ill.
Cincinnati Railway Supply Co., 13 E 2d, Cincinnati, O.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Hallett Iron Works, Harvey, Ill.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Lamson & Sessions Co. ("Bull Dog" Clip), 2188 Scranton rd, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Me. *See adv index at end of book*
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Mockbee C. M. ("Cincinnati"), 816 E Pearl, Cincinnati, O.
MOON GEO. C. CO., ("Crescent"), Garwood, N. J. *See adv index at end of book*
Neptune Hardware Mfg. Co., 29 Murray, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seward & Co., Bloomington, Ind.
Terry & Tench Co., 70 E 45th, New York
Upson-Walton Co. of N. Y., The, 291 Broadway, New York
Wickwire Spencer Steel Corp. ("Crosby"), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co. ("Nipper," "Crosby"), Middletown, Conn.
Williamsport Wire Rope Co., Inc., Williamsport, Pa.
See adv index at end of book

2719— Clock Mfrs.

See also Clocks, Various Kinds

Arlington Works (The), (E. I. du Pont de Nemours & Co.), Wilmington, Del.
Aluminum Container Corp. ("Aluminum"), Fulton, N. Y.
Ansonia Clock Co., 99 John, New York
Benedict Mfg. Co., East Syracuse, N. Y.
Celluloid Co., 36 Washington pl, New York
Chelsea Clock Co. (8 Day), 16 State, Boston, Mass.
Costmeter Co., 295 Franklin, Boston, Mass.
Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
Eco Clock Co. (Electric & Portable Watchman's), 197 Congress, Boston, Mass.
Gilbert W. L. Clock Co. (And Regulators), Winsted, Conn.
Gillette Elec. Street Clock Co., 728 Buckingham av, Chicago, Ill.
Hanson Mfg. Co. (School), Princeton, Ind.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Ingraham E. Co., Bristol, Conn.
Ithaca Calendar Clock Co. (Calendar, etc), Ithaca, N. Y.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E. 28th, New York
National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.
New Haven Clock Co., New Haven, Conn.
Parker Clock Co., Meriden, Conn.
Phelps H. D., Ansonia, Conn.
Pioneer Corp., 1249 W 63d, Chicago, Ill.
Self-Winding Clock Co., 163 Grand av., Brooklyn, N. Y.
Sessions Clock Co. (Mantel, Hanging, Regulators, etc), Forrestville, Conn.
Sohm Electric Co. ("Sohm"), 841 Blue Island av, Chicago, Ill.
Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
Waltham Watch Co., Waltham Clock dept., Waltham, Mass.
Waterbury Clock Co., Waterbury, Conn.
Western Clock Co. (Alarm, etc; also Boy Proof Watches), La Salle, Ill.

2720— Clock Trimmings

Gilbert W. L. Clock Co., Winsted, Conn.
Waterbury Clock Co., Waterbury, Conn.

Clock Works

See Movements, Clock, etc

2721— Clocks (Alarm)

Ansonia Clock Co., 99 John, New York
Borgfeldt Geo. & Co. (Imported), 16th & Irving pl, New York
DARCHE MFG. CO. ("Flashlight" "Searchlight" "Reminder" Electric Alarm and Call Clocks), 643 W. Washington blvd., Chicago, Ill.
Gilbert W. L. Clock Co. ("Surprise," "Empire," "Best," "G. Whiz," "The Gilbert"), Winsted, Conn.
Ingraham E. Co. ("Indian" with the Bell inside), Bristol, Conn.
New Haven Clock Co. ("Tattoo"), New Haven, Conn.
Parker Clock Co. ("Mammoth"), Meriden, Conn.
Sessions Clock Co., Forestville, Conn.
Strauss Bros. & Co. (Imp.), 355 B'way, New York
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la., New York
Thomas Seth Clock Co., 19 W 44th, New York
Thomas Seth Clock Co.. Thomaston. Conn.
Waterbury Clock Co., Waterbury, Conn.
Western Clock Co. ("America," "Big Ben," "Iron Clad," "Lookout," "Bingo"), La Salle, Ill.
Yankee Wizard Clock Co., 18 B'way, New York

2722—*Clocks (Angelus Strikers, Quarter & Half Hour Strikers)

HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book

Clocks (Automobile)

See Clocks & Watches Dashboard

2722a1—Clocks (Boudoir & Desk)

New Haven Clock Co., New Haven, Conn.

2722a— Clocks (Chime)

American Chime Clock Co., 1665 Ruffner, Phila., Pa.
American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
Ansonia Clock Co., 99 John, New York
Gillette Elec. Street Clock Co., 728 Buckingham pl, Chicago, Ill.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Kuehl Clock Co. (Hall and Mantel Chime), 125 N. Wabash Ave, Chicago, Ill.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2723—Clocks (Cost Keeping Systems)

Automatic Time Stamp Co. ("Duragraph" Elapsed Time Recorder), 164 Congress, Boston, Mass.
Costmeter Co., 295 Franklin, Boston, Mass.

2724— Clocks (Cuckoo)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
Costmeter Co., 295 Franklin, Boston, Mass.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York

2725— Clocks (Differential)

Differential Clock Co. (Will Run One Year With One Winding), 209 S State, Chicago, Ill.

2726— Clocks (Electric)

American Watchman's Clock Co., 150 Nassau, New York
American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, O.
Blodgett Clock Co., 261 Franklin, Boston, Mass.
Bogart A. L. Co., 55 Barclay, New York
Cleveland Magneto Watchman's Clock Co., 150 Nassau, New York
DARCHE MFG. CO. ("Searchlight" "Flashlight" "Reminder" Electric Alarm and Call Clocks), 643 W. Washington Blvd., Chicago, Ill.
Gillette Elec. Street Clock Co., 728 Buckingham pl, Chicago, Ill.
Hoggson S. H. & Co., 27 Thames, New York
HOWARD E. CLOCK CO. (Secondary), Bromfield & Washington, Boston, Mass. *See adv index at end of book*
Imhauser E. Co. (Watchman's), 212 B'way, New York
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E. 28th, New York
PETTES & RANDALL CO., 150 Nassau, New York
Self-Winding Clock Co. (Master & Secondary), 163 Grand av, Brooklyn, N. Y.
Sohm Electric Co. ("Sohm"*Keyless Street etc.), 841 Blue Island av, Chicago, Ill.
Standard Electric Time Co. ("Standard" Time System), Springfield, Mass.
Thomas Seth Clock Co., Thomaston, Conn.
Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2727— Clocks (Electric Alarm)

DARCHE MFG. CO. ("Searchlight" "Flashlight" Reminder"), 643 W. Washington blvd., Chicago, Ill.
Jansen F. W. Clock Co. ("Timelite"), 217 W. Randolph, Chicago, Ill.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

2728— Clocks (English Hall)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junc., Phila., Pa.
Colonial Mfg. Co., Zeeland, Mich.
Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
Gilbert W. L. Clock Co., Winsted, Conn.
Grand Rapids Clock & Mantel Co. (Also Clock Cases, etc.), Grand Rapids, Mich.
Harris & Harrington ("J. J. Elliott" Imported English), 29 Park pl, New York
Hershede Hall Clock Co., McMillan & Essex pl, Cincinnati, O.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Ithaca Calendar Clock Co., Ithaca, N. Y.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Sessions Clock Co., Forestville, Conn.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Thomas Seth Clock Co., Thomaston, Conn.
Waltham Watch Co., Waltham Clock dept. (Striking or Chiming on Gongs, Bells or Tubes), Waltham, Mass.

2729—Clocks (Hank or Pick)

Mossberg Frank Co., Attleboro, Mass.

2730— Clocks (Laboratory)

Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.

2730a—Clocks (Lace Measuring)

Firsching Jno. A., Utica, N. Y.

2731— Clocks (Locomotive)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomston, Cinn.

2732— Clocks (Marine)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ansonia Mfg. Co., 71 8th av, New York
Ashcroft Mfg. Co., 119 W 40th, New York
Betts & Betts Corp. ("Elektrik Klok"), 2513 W 42d, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Gilbert William L. Clock Co., Winsted, Conn.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
McNAB CO. ("McNab" Ship's, Bell and Non-Striking), Bridgeport, Conn.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
National Gauge Co. ("National"), 300 Pacific Brooklyn, N. Y.
Phelps H. D., Ansonia, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Sessions Clock Co., Forestville, Conn.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
U. S. Gauge Co., 67 Wall, New York
Waterbury Clock Co., Waterbury, Conn.

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St. Paul—FIRE APPLIANCE & INSPECTION CO. Pioneer Bldg.
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Toronto—HARDINGE BROS., LTD., 50 Front St., East.
Washington—L. WARNER, 914 Massachusetts Ave., N. W.

2733— Clocks (Pneumatic)

Time Systems Co. ("Hahl"), 870 Woodward av, Detroit, Mich.

Clocks (Program)

See Clocks, Self-Winding & Program, Electric

2734—Clocks (Secondary Electric)

HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Sohm Electric Co. ("Sohm" System), 141 W Austin av, Chicago, Ill.
Standard Electric Time Co. ("Standard"), Springfield, Mass.

2735—Clocks (Self-Winding & Program Electric)

Blodgett Clock Co., 261 Franklin, Boston, Mass.
Columbia School Supply Co., Indianapolis, Ind.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Imperial Elec. Clock Co., St. Louis, Mo.
International Time Recording Co., Endicott, N. Y.
King Lock Co., 319 W Ohio, Chicago, Ill.
Landis Engng. & Mfg. Co. ("Frick"), Waynesboro, Pa.
Lockwood & Almquist, 112 E 19th, New York
Magneta Co., 37 E 28th, New York
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Sohm Electric Co. ("Sohm"), 841 Blue Island av, Chicago, Ill.
Standard Electric Time Co. ("Standard"), Springfield, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
Thomas Seth Clock Co., Thomaston, Conn.
Tiffany Elec. Mfg. Co., Ellicott sq, Buffalo, N. Y.
Tiffany Never-Wind Clock Corp. ("Tiffany Never-Wind") 2964 Main, Buffalo, N. Y.

2736—Clocks (Synchronized Systems)

American Watchman's Clock Co., 150 Nassau, New York
Cleveland Magneto Watchman's Clock Co., 150 Nassau, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E 28th, New York
PETTES & RANDALL CO., 150 Nassau, New York
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Standard Electric Time Co. ("Standard"), Springfield, Mass.

2737—Clocks (Time-Recording System)

See also Time Recorders

Automatic Time Stamp Co., 164 Congress, Boston, Mass.
Bundy W. H. Recording Co., 135 5th av, New York
Cincinnati Time Recorder Co., 1733 Central av, Cincinnati, O.
Costmeter Co., 295 Franklin, Boston, Mass.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
International Time Recording Co. of New York ("Rochester," "Dey"), Endicott, N. Y.
Simplex Time Recorder Co. ("Simplex"), Gardner, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

2738— Clocks (Tower)

HOWARD E. CLOCK CO. (Angelus Strikers & Quarter & Half-Hour Strikers), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Sohm Electric Co. ("Sohm"), 841 Blue Island av, Chicago, Ill.
Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2739— Clocks (Watchman's)

See also Time Recorders

American Watchman's Clock Co. (Time Detectors, also Employees Clocks), 150 Nassau, New York
American Watchman's Time Detector Co. ("Cleveland," Magneto American Watchman's Time Detector), 3403 Perkins av, Cleveland, O.
Bundy W. H. Recording Co. ("Simplex"), 135 5th av, New York
CHICAGO WATCHMAN'S CLOCK WORKS, 1526 S. Wabash Av, Chicago, Ill.
Cleveland Magneto Watchman's Clock Co. (Time Detectors, also Employees Clocks), 150 Nassau, New York
Daugherty A. E., Penn bldg, Pittsburgh, Pa.
Eco Clock Co. (Electric & Portable), 197 Congress, Boston, Mass.
Edwards & Co., Exterior & 140th, New York
HARDINGE BROS. (Portable only), 4203 Ravenswood av, Chicago, Ill.
See adv index at end of book
Hausburg E. O. (Stationary, Portable & Electric. Send for Descriptive Catalogue), 45 Maiden la, New York
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Hoppe Paul F. Co., 123 Liberty, New York
HOWARD E. CLOCK CO. (Electric), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
Imhauser E. Co. (Portable & Electric), 212 Broadway, New York
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Nanz Clock Co. ("Hahn," "Nanz Imperial"), 178 Fulton, New York
Newman Clock Co. (Stationary, Portable and Electric), 428 Broadway, New York
PETTES & RANDALL CO. (Time Detectors, also Employees Clocks), 150 Nassau, New York
Riggs & Bro. (Electric & Portable), 310 Market, Phila., Pa.
SAFETY FIRE EXTINGUISHER CO. 295 7th av, New York
See adv index at end of book
Sanford Chas. E. (Night Watchman's Register), 18 B'way, New York

2740— Clocks (Watchman's Portable)

CHICAGO WATCHMAN'S CLOCK WORKS, 1526 S. Wabash Av, Chicago, Ill.
HARDINGE BROS. (Mfrs.), 4203 Ravenswood av, Chicago, Ill.
See adv index at end of book
Newman Clock Co., 428 Broadway, New York
Rowe A. C., 78-80 Reade, New York
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Thomas R. A. Co., Wells Fargo bldg, San Francisco, Cal.

2741—Clocks & Watches (Dashboard)

Chelsea Clock Co., 16 State, Boston, Mass.
Keyless Auto Clock Co., 246 W 59th, New York
Post & Lester Co. ("Regal"), Hartford, Conn.
Sessions Clock Co., Forestville, Conn.
Thomas Seth Clock Co., Thomaston, Conn.
Thompson Elec. Clock Co., Memphis, Tenn.
Waterbury Clock Co., Waterbury, Conn.
Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2742— Clogs

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Buffalo Last Works, 4 Lock, Buffalo, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Closet Seat Bumpers

See Rubber Bumpers

2743— Closets (Chemical)

Automatic Chemical Closet Co. ("Auto-Kemclo," Vitreous China), 1417 Wash. av N, Minneapolis, Minn.
Chemical Toilet Corp., Syracuse, N. Y.
Comfort Chemical Closet Co., 342 Factories bldg, Toledo, O.
Dail Steel Products Co., Lansing, Mich.
Kawnear Cabinet Co., 1716 Wabash av, Kansas City, Mo.
Kelly Derby Co. (Waterless), Peoples Gas bldg, Chicago, Ill.
Sanitary Chemical Closet Co., Hillsdale, Mich.
Shafer Mfg. Co., 445 Colton bldg, Toledo, Ohio
Smith System Heating Co., 821 Washington av, S E, Minneapolis, Minn.
Rowe Sanitary Mfg. Co., 210 6th av, Detroit, Mich.
United Engine Co., Lansing, Mich.

2743a— *Closets (Dry)

Dixie Culvert & Metal Co. ("Haygood"), Atlanta, Ga.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book

2744— Closets (Dry Earth)

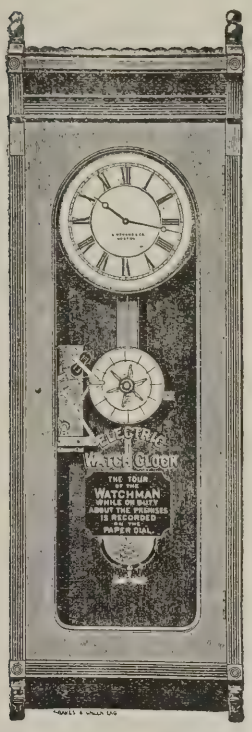
American Warming & Ventilating Co. ("American Cremating"), Elmira, N. Y.
Dixie Culvert & Metal Co. (Healthguard"), Atlanta, Ga.
Fuller & Warren Co., Troy, N. Y.
Kaustine Co., Buffalo, N. Y.
MaGirl P. H. ("Mammoth"), Bloomington, Ill.
Standard Sanitary Mfg. Co., H. Bessemer bldg, Pittsburgh, Pa.
Stephenson C. H. ("Stephenson" Portable Underground), Lynn, Mass.
Universal Sanitary Mfg. Co., New Castle, Pa.

Cloth (Asbestos)

See Asbestos Material

2744a— Cloth (Automobile)

Athol Mfg. Co. ("Atholeather Top"), Athol, Mass.
Barrell Wm. L. Co., 8 Thomas, New York
Duncan W. H. Co., Inc., 70 Worth, New York
Fitchburg Duck Mills, Fitchburg, Mass.
Glenside Woolen Mills (Cotton & Woolen), Skaneateles Falls, N. Y.



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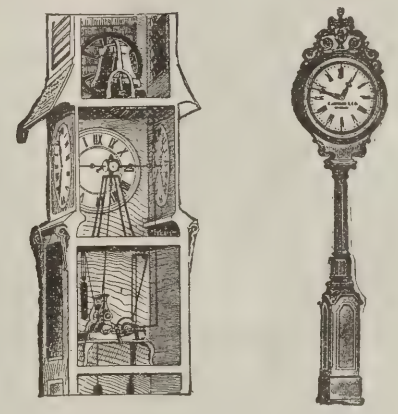
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See adv index at end of book



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2744b— Cloth (Balloon)

Goodyear Tire & Rubber Co., Akron, O.

2745— Cloth (Billiard Table)

Saxton Woolen Co. (Woolen), Norwich, Conn.
Spinks Wm. A. & Co., 862 W Erie, Chicago, Ill. *See adv index at end of book*

2745a— *Cloth (Blue Print)

Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

2746— Cloth (Bolting)

See also Wire Cloth

ABBE ENGINEERING CO. (Swiss Silk), 50G Church, New York
See adv index at end of book
ABBE PAUL O., INC., 924 Johnston bldg, New York
See adv index at end of book
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
BEACH-RUSS CO. (Silk Swiss), 50G Church, New York
See adv index at end of book
Buffalo Weaving & Belting Co. (Webs), Buffalo, N. Y.
Buffalo Wire Works Co. (Wire), 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Bullock, C. K., Co. (Importers), 1357H Ridge av, Phila., Pa.
Cornelius Mill Furnishing Co. ("Bodmer" & "Schindler" Silk, Imported), 119 N 6th, St. Louis, Mo.
Estey Wire Works Co. (Wire), 34 Cliff, New York
Gump B. F. Co. (Silk), 431 S Clinton, Chicago, Ill.
Hammond - Homberger Co. ("Excelsior Anchor"), Silver Creek, N. Y.
Holmes & Blanchard Co. ("Imperial" Silk), 31 State, Boston, Mass.
Howard & Morse (Wire), 45 Fulton, New York
Howe R. J. ("Wydler"), 320 B'way, New York
Kress & Co., 29-33 Lafayette, New York
Latimer R. L. & Co. ("Anchor Brand"), 24 N Front, Phila., Pa.
Ludlow-Saylor Wire Co. (The), 913H Pine, St. Louis, Mo.
Michigan Wire Cloth Co., 2100 Howard, Detroit, Mich.
See adv index at end of book
Multi-Metal Co. ("Multi-Metal"), 251 W 19th, New York
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book
Nordyke & Marmon Co. (Silk & Wire), Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co. (Silk & Wire), Muncy, Pa.
TOBLER & CO., INC. ("Dufour" Silk, Imported), 115 Broad, New York.
TRABER, A. P. 71-73 Murray, New York
TYLER W. S. CO. (Wire), Cleveland, O.
See adv index at end of book

2747— Cloth (Book)

Bancroft Jos & Sons Co., Wilmington, Del.
Holliston Mills (all kinds), Norwood, Mass.
Interlaken Mills, Turks Head bldg, Providence, R. I.
Irving Mfg. Co. (Buckram), 23 Jersey, New Brighton, S. I., N. Y.
Richter Mfg. Co. (Buckram), Tenafly, N. J.
Thompson Jas. & Co. (Buckram), 112 Prince, New York

2748— Cloth (Brattice)

Childs H. L. & Co. (Importers), 249 Water, Pittsburgh, Pa.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
See adv index at end of book
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Fulton Bag & Cotton Mills ("F-F-F-F" Non-Inflammable Jute), Atlanta, Ga.
Goodin Reid & Co. (Converters), 4th & Main, Cincinnati, O.
Hettrick Mfg. Co., Toledo, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Johnston - Morehouse - Dickey Co. ("J. M. D." Non-Inflammable Jute), 106 Market, Pittsburgh, Pa.
Kern Commercial Co. (water-proof, non-inflammable, imp.), 115 Broad, New York
Mikesell Bros. Co. (Non-Inflammable, Moisture-Proof Jute & Duck), 156 N La Salle, Chicago, Ill.
See adv index at end of book
Turner C. A., 3d & Chauncery, Pittsburgh, Pa.
TURNER LAURIN H. & CO. (Non-Inflammable Duck), 226 W Adams, Chicago, Ill.
Upson-Walton Co. of N. Y., The (Imp.), 1294 W 11th, Cleveland, O.

2748a—*Cloth (Brown Process)

Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

Cloth (Camel's Hair)

See Cloths, Press

2749— Cloth (Casket)

Fulton Bag & Cotton Mills, Atlanta, Ga.
Glenside Woolen Mills, Skaneateles Falls, N. Y.
Neponset Woolen Mills, Canton Junction, Mass.

2749a— Cloth (Cement)

CLEVELAND WIRE CLOTH & MFG. CO. (THE), 3574 E 78th, Cleveland, O.
See adv index at end of book
Fulton Bag & Cotton Mills, Atlanta, Ga.
The Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.

2750— Cloth (Cheese)

American Cotton Mills Co., 353 Broadway, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
Griswoldville Mfg. Co., Griswoldville, Mass.
Industrial & Sales Corp. ("Isco"), 4 South, New York

2751—Cloth (Clearer & Roller)

American Felt Co., 100 Summer, Boston, Mass.
Noone's Jos. Sons Co., Peterboro, N. H.

Cloth (Emery, Flint & Garnet)

See Paper, Flint, Sand & Emery

2751a— Cloth (Filter)

See also Cloths, Filter

Albany Felt Co., Albany, N. Y.
Amalgamater Metals Selling Co. Ltd., 42 B'way, New York
Angel H. Reeve & Co., Inc., 7 Spruce, New York
Best, Edward H. & Co., Inc. (Cotton & Wool), 222H Purchase, Boston, Mass.
Boyle John & Co., 112 Duane, New York
Brighton Mills, Passaic, N. J.
Danubil Co., Inc. (Asbestos), Postal Telegraph bldg, New York
Dominion Asbestos & Rubber Corp. (Asbestos), 154 Nassau, New York
See adv index at end of book
Duro Co., 50H Pearl, Boston, Mass.
House Chas. W. & Sons, Unionville, Conn.
Huyck, F. C. & Sons, Dept. H, Albany, N. Y.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Johns-Manville, Inc. (Asbestos), Madison av and 41st, New York
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Multi Metal Co., 251 W. 19th, New York
National Filter Cloth & Weaving Co., 57 Hope, Brooklyn, N. Y.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., 299 Madison av, New York.
Provost Engineering Corp. (Cotton, Linen, Wool), 220 B'way, New York
See adv index at end of book
Shriver T. & Co., Harrison, N. J.
Sperry D. R. & Co., Batavia, Ill.
STANLEY W. WM., 50 Church, New York
Supplee-Biddle Hardware Co. (Metallic), 510 Commerce, Phila., Pa.
Turner Halsey Co., 62 Leonard, New York
Tyler W. S. Co. (Metallic), Cleveland, O.
See adv index at end of book
Wickwire Spencer Steel Corp. (Metallic), Worcester, Mass.
See adv index at end of book

2752— Cloth (Gummed)

Nashua Gummed & Coated Paper Co., Nashua, N. H.
Peters Co., 33 35th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co., Springfield, O.

2753— Cloth (Insulating)

See also Mica; also other Insulating Specialties

American Di-Electrics, Ltd., 95 Liberty, New York
American Mica Co. ("Puritan"), Newton, Lower Falls, Mass.
Chicago Mica Co. ("Champion"), Valparaiso, Ind.
Dunton M. W. Co. ("Gibralter"), 150 Niagara, Providence, R. I.
Irvington Varnish & Insulator Co., Irvington, N. J.
Meirowsky Bros. (Also Silk), Jersey City, N. J.
Mica Insulator Co. ("Empire," "Kablak"), 68 Church, New York
Mica Mfg. Co. ("Micasmiths"), 135 Johnson, Brooklyn, N. Y.
Oeters Edgar O. Co., 603 Arch, Phila., Pa.
See adv index at end of book
Pittsburgh Insulating Co. (Linen), 96 43d, Pittsburgh, Pa.
Schenectady Linonite Co., Schenectady, N. Y.
Standard Underground Cable Co., Westinghouse bldg), Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2753a— Cloth (Leather)

See also Leather, Artificial

Zapon Leather Cloth Co., 200 5th av, New York

2753b— Cloth (Metal Filter)

NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J.
See adv index at end of book
Supple-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

2754— Cloth (Rubber Coated)

Aronoff Joseph J. (Auto Top), Trenton, N. J.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Chase L. C. & Co. ("Dreadnout" & "Wexford" Motor Topping), 89 Franklin, Boston, Mass.
Chicago Rubber Clothing Co. (Piece Goods), Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
DU PONT E. I. de NEMOURS & CO., INC., Sales Dept. Fabrikold Div. (Pontop" "DuPont"), Wilmington, Del. *See adv index at end of book*
Duratex Co. ("Duratop"), 760 Frelinghuysen, Newark, N. J.
Hodgman Rubber Co., 8 W 40th, New York
Mutty L. J. Co. (Numotor), 175 Congress, Boston, Mass.
O'Bannon Corp., 200 5th av., New York
Plymouth Rubber Co., Canton, Mass.
Pocono Rubber Cloth Co., Trenton, N. J.
Rosenwald & Weil ("Imperial"), 1514 W Kinzie, Chicago, Ill.

2755— Cloth (Umbrella)

Ashland Cotton Co. (Cotton), Jewett City, Conn.
Clifton Textile Co. (Silk), Union Hill, N. J
Dundee Textile Co., Passaic, N. J.
Fashion Silk Mfg. Co., Paterson, N. J.
Haenichen Bros. Silk Co., Paterson, N. J.
Lock Haven Silk Co. (Lock Haven, Pa.
Muller Gloria Mills (Silk), Norwalk, Conn.
Newburgh Silk Co., Newburgh, N. Y.
Pennsylvania Silk Co., Bangor, Pa.
Pollock Brush Co., 25-27 N 4th, Easton, Pa.
Roessel Louis & Co. (Silk), 440 4th av, New York

2755a-*Cloth-Wire (Centrifugal)

Amalgamated Metals Selling Co., Ltd., 42 Bway., New York
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book

2755a-1—*Cloth (Waterproof)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Fabrikaid Div. ("Pontop" "Du Pont"), Wilmington, Del.
See adv index at end of book

2756—Clothes Dryers (Hot Air, Steam, Etc.)

Adams Laundry Machinery Co., Troy, N. Y.
Am. Clothes Dryer Co., 224 W 26th, New York
American Wringer Co., 99 Chambers, New York.
Chicago Dryer Co., 630 S Wabash av, Chicago, Ill.
Domestic Laundry Equipment Corp. ("Chicago," "American"), 224 W. 26th, New York
Hawkins Rollyn, Indianapolis, Ind.
Hill-Canton Dryer Co., Canton, O.
Hill Clothes Dryer Co. ("Hill-Canton" Cabinet), Worcester, Mass.
Hopkins L. Mfg. Co., North Girard, Pa.

Mannen John E. Co. ("Manest"), 2247 St. Clair, Cleveland, O.
Miller Wm. Range & Furnace Co., 125 E 5th, Cincinnati, O.
Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.
Williamson Heater Co. ("Favorite"), 339 W 5th, Cincinnati, O.

2757—Clothes Dryers (Lawn, Balcony, Etc.)

See also Bars, Clothes
Albion Wood & Metal Products Co., Inc. ("Foldrier" Folding Wall Cabinet), Albion, N. Y.
Chicago Dryer Co. ("Chicago," "Chicago Laundry," "Chicago Francis," "Chicago Rapido," "Sun" Clothes Drying Cabinets with Trucks), 630 S Wabash av, Chicago, Ill.
Cooper & McKee, 119 Lorimer, Brooklyn, N. Y.
Corbett & Co., 429 E 109th, New York.
Domestic Laundry Equipment Corp., 224 W 26th, New York
Eclipse Co. ("Eureka" Roller Bearing, "Eclipse" Folding Wall), North Girard, Pa.
Fleck M., 338 E 128th, New York
Hill Clothes Dryer Co. ("Hill"), Worcester, Mass.
Hopkins L. Mfg. Co., North Girard, Pa.
Kalamazoo Specialty Co., Kalamazoo, Mich.
Moulton C. W. H. Co. (Folding, etc), Somerville, Mass.
Munnsville Plow Co. ("Munnsville Best"), Munnsville, N. Y.
Olmsted A. E. ("American"), Orwell, N. Y.
Overhead Kitchen Clothes Dryer Co., 471 W. 145th, New York
Penn Mfg. Co., North Girard, Pa.
Portland Extension Ladder & Pole Co. (Lawn), 130 Orange, Newark, N. J.
Standard Clothes Dryer Co. (Revolving), Worcester, Mass.
Steinfeld Bros. (Bars, Arm & Wall), 116 W 22d, New York
Stiles, H. A., & Co. ("Apex" elevating wall, folding), 93-97 Oliver, Boston, Mass.
Success Mfg. Co. (Yard or Lawn, "Success"), Gloucester, Mass.
Victor Dryer Co. ("Victor"), Worcester, Mass.

Clothes Drying Frames

See Clothes Dryers, Lawn, Balcony, etc

2757a— Clothes (Dustless Dust)

O'Kleen-O Products Co., 712 Madison av, Baltimore, Md.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
U. S. Mop Co., Toledo, Ohio.

2758-9— Clothes Lines

See also Rope, Cotton, etc
American Mfg. Co. (Jute), Noble & West, Brooklyn, N. Y.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Beebe Cordage Co., Rockaway, N. J.
Cleveland Mill & Power Co. (Cotton), Lawndale, N. C.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Dale Margaret, Arlington Mass.
Estes Mills ("Granite," "Bristol," "Export," "Bargain," "Business," "Merchant," "Eureka," "Winner," "Niagara," "J. H. E." & "Markdown"), Fall River, Mass.
Fricke J. E. Co. (Cotton), 247 Market, Phila., Pa.
Goss Bros. (Cotton), Fall River, Mass.
Holden James (Cotton), Fall River, Mass.
Hooven & Allison Co., Xenia, O.
Howard Dustless Duster Co., 290 Franklin, Boston, Mass.
January & Wood Co., Maysville, Ky.
Kelley, Hy. C., Co., 35-37-39 Worth, New York
Mallison Braided Cord Co. (Cotton), Athens, Ga.
Puritan Cordage Mills (Cotton), Louisville, Ky.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Samson Cordage Works, 88 Broad, Boston, Mass.
Sanderson L. M. (Cotton), Haydenville, Mass.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Silver Lake Co., Newtonville, Mass.
Small Bros., Fall River, Mass.
Southern Mills Corp. (Cotton), Oxford, Ala.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Toohey M. J. & Co. (Cotton), Full River, Mass.
Tribble A. L. Co. (Cotton), 59 Temple, pl, Boston, Mass.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Turner & Stanton Co., Norwich, Conn.

2760— Clothes Lines (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Hollow Cable Mfg. Co. (Galvanized), Hornell, N. Y.
Malin & Co., 2514 Vestry av, Cleveland, O.
Parker Wire Goods Co. (Rust Proof), Worcester, Mass.
Wickwire Spencer Steel Corp. ("Excelsior" Brand Reinforced Hollow Cable; also Plain & Twisted Wire), Worcester, Mass. *See adv index at end of book*

2760a— Clothespins

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles, H. A., & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

2761—Clothes Reel Centers (Iron)

Adams Co., Dubuque, Ia.
Indiana Foundry Co., Indiana, Pa.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Swett A. L. Iron Works, Medina, N. Y.

2762— Clothing (Oiled)

Alligator Oil Clothing Co., Dept. H, Gravois & Bingham, St. Louis, Mo.
Carter J. F. Co., Beverly, Mass.
Corliss C. R. & Son, Gloucester, Mass.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Gloucester Oiled Clothing Co., Gloucester, Mass.
Goodall Rubber Co., 11th and Arch, Phila., Pa.
Goodyear Rubber Co. ("Indian," "Gold Seal," "Hippo"), 539 Mission, San Francisco, Cal.
See adv index at end of book
Nelson J. M., Gloucester, Mass.
Nickerson Levi Co., Gloucester, Mass.
Sawyer H. M. & Son ("Excelsior"), Cambridge, Mass.
Schwartz & Berstein, Gloucester, Mass.
Snyder, M. L., & Son (Aprons), 223 Church, Phila., Pa.
Standard Oiled Clothing Co., 152d & Union av, New York
Tower A. J. Co. (Fish Brand), 18 Simmons, Boston, Mass.

2763— Clothing (Rubber)

American Rubber Co., 130 Essex, Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Goodall Rubber Co., 11th and Arch, Phila., Pa.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York

2764— Cloths (Copying)

Adams Mfg. Co., 86 E. Plumsted, Phila., Pa.
Eureka Blotter Bath Co. ("Eureka," Sanitary"), 3732 S. Wallace, Chicago, Ill.

2765— Cloths (Dustless Dust)

Cedar-Sweep Co. ("C. S. C."), Los Angeles, Cal.
Dearborn Duster Co. ("Rublite"), 550 W Harrison, Chicago, Ill.
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Gem Supply Co. ("Mysterious"), Waterbury, Conn.
Hanson F. C. ("Absorbit"), Southbridge, Mass.
Hoag Duster Co. ("Hoag"), Monticello, Ia.
Howard Dustless Duster Co. ("Howard Dustless Duster"), 290 Franklin, Boston, Mass.
Milton Chemical Co. ("B. B."), 156 Sixth, Cambridge, Mass.
Ohio Duster Co. ("Elite"), Cleveland, O.
Pioneer Mfg. Co. ("Shino"), 3053H E. 87th, Cleveland, O.
Ritzenthaler John, 73 Franklin, New York
Rochester Chemical Co., Rochester, N. Y.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Universal Brush Co. ("Kleanwell," Faultless "De Lux" & "Midget" Yarn Hand), 181 Quincy, Chicago, Ill.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Well-Ransom Co. ("Absorbo"), 816 Fulton, Chicago, Ill.

2766— Cloths (Filter)

Brighton Mills, Passaic, N. J.
Brooklyn Filter Bag Co. (Cotton), 643 Kent av, Brooklyn, N. Y.
Channon H. Co., 150 N Market, Chicago, Ill.
Dominion Asbestos & Rubber Corp. (Asbestos), 154 Nassau, New York
See adv index at end of book
Filter Fabrics Co. (A Special Cloth for Every Filtration Purpose), Salt Lake City, Utah
Hall W. & Co., Lansdowne, Pa.
Hettrick Mfg. Co., Toledo, O.
Hoegee, Wm. H. Co., Los Angeles, Cal.
Huyck, F. C. & Sons, Albany, N. Y.
Johnson, John, Co., 37th and 2nd av, Brooklyn, N. Y.
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Milwaukee Bag Co., 206 S. Water, Milwaukee, Wis.
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
Multi-Metal Separating Screen Co., 251 W 19th, New York
National Filter & Cloth Weaving Co. (Cotton, Flax & Jute), 57 Hope, Brooklyn, N. Y.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
NEWARK WIRE CLOTH CO. (Metallic), 223 Verona av, Newark, N. J.
See adv index at end of book
Provost Engng. Corp., 220 B'way, New York
Sperry, D. R., & Co., Dept. H, Batavia, Ill.
Stanley Wm. W. (Filter Duck & Filter Press Cloths for All Purposes), 50 Church, New York
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Wilson Co., Greenville, S. C.

2767— Cloths (Polishing)

Best, Edward H., & Co., Inc. (and Rubbing), 222H Purchase, Boston, Mass.
Fricke Adolf ("Fricke," "Chamoise," "Silvena" Silk Silver), 73 Franklin, New York
G. V. Sales Co. ("Omy" for Wood & Metal), 132 Nassau, New York
General Supply Corp., Dorcester, Mass.
Goepel C. F. & Co., 137 E 13th, New York
Landers Bros. Co. (Sanitary), Toledo, O.
Mill Remnants Co. ("Mireco"), 19 Bond, New York
North Jos. W. & Sons, Elizabeth, N. J.
Pioneer Mfg. Co. ("Shino"), 3053H E. 87th, Cleveland, O.
Ritzenthaler John ("Ritz"), 73 Franklin, New York
Saponol Chemical Co. ("Ol-Se-Co"), 1916 Park av, New York
Wood W. A. Co., 373 Atlantic av, Boston, Mass.

2768— Cloths (Press)

Acme Press Cloth Co. (Camel's Hair), Frankford, Phila., Pa.
American Press Cloth Co. (Woolen for Hydraulic Presses), Columbia, S. C.
Brighton Mills, Passaic, N. J.
Chelsea Fibre Mills, 212 5th av, New York
Fulton Bag & Cotton Mills ("Ironsides"), Atlanta, Ga.
Gary James S. & Son, Equitable bldg, Baltimore, Md.
Hettrick Mfg. Co., Toledo, O.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Mishler Mfg. Co. (Cotton & Hemp), Smithville, O.
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
ORIENTAL TEXTILE MILLS (Camels Hair & Wool), Houston, Tex. & 50 Church, New York
Parker F. T. Co. ("Dynum" Camel Hair), 700H College, Columbia, S. C.
Perkins, J. T. Co., 669 Kent av, Brooklyn, N. Y.
Sheehan D. H. (Cotton & Camel's Hair), Westford, Mass.
Southern Press Cloth Mfg. Co., Augusta, Ga.
Sugden Press Bagging Co. (Camel's Hair), West Chelmsford, Mass.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Warren Mfg. Co. (Duck), Warren, Md.
Werthan Bag Co., 12th and Clinton, Nashville, Tenn. *See adv index at end of book*
Werk Robert & Co., 2519 St. Phillip, New Orleans, La.
Willingham Cotton Mills, Macon, Ga.

2768a— *Cloths (Strainers)

Johnson, E. P., Rule Mfg. Co., 565 Washington blvd, Chicago, Ill.
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J.
See adv index at end of book

2769—Cloths (Wiping, Plumbers')

A. D. Mfg. Co., 201 Piquette, Detroit, Mich.
American Supply Co. (Wholesale), 1407 Dayton, Chicago, Ill.
Clapp, H. D. B., & Co., 824 N. American, Phila., Pa.
Glauber M. & Co., 103 Varick, New York
Industrial & Sales Corp. ("Isco"), 4 South, New York
Merchants & Mfrs. Supply Co., Chelsea, Mass.
Michigan Sanitary Cloth Co., Kalamazoo, Mich.
Nye Tool & Machine Works ("Nye," Herringbone Ticking & English Moleskin), 108 N Jefferson, Chicago, Ill.
Robinson, D., & Sons, 646 Hastings, Detroit, Mich.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sanitary Rag Co. ("White Star" Brand, "Red Star" Brand, Colored &"Chamois" Brand Cheese Cloth), Kalamazoo, Mich.
Starbuck R. M. & Sons, Hartford, Conn.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

2770— Clubs (Golf)

Burke Golf Co., Newark, O.
Crawford, McGregor & Canby Co., Dayton, O.
Hillerich & Bradsby Co. ("H & B"), 725 S Preston, Louisville, Ky.
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Spalding A. G. & Bros., 126 Nassau, New York
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.
Wright & Ditson, 344 Wash'n, Boston, Mass.

2771— *Clubs (Wooden)

Bogert & Hopper, Inc. (Policemen's), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS (Police Clubs, Indian Clubs, etc.), 364 5th av, New York
See adv index at end of book

2772— Clusters (Fixture)

(Ceiling or Wall Bracket Fixtures)
See also Electric & Gas Lighting Fixtures
American Brass & Copper Co., 138 Lafayette, New York
Benjamin Electric Mfg. Co. (Wireless, Car, Ceiling, Pendant, Weather-Proof, etc), 128 S Sangamon, Chicago, Ill.
Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
Dayton Mfg. Co., Dayton, O.
Faries Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co. (Electric), Somerville, Mass.
Frink I. P., Inc., 10th av & 24th, New York
Harter Mfg. Co., 524 S Clinton, Chicago,, Ill.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Walsh-Owen Mfg. Co., 525 W 26th, New York
White Jas. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.
White O. C. Co., Worcester, Mass.

2773—Clusters (Wireless Fixture)

Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
Federal Electric Co., 640 W Lake, Chicago, Ill.

2773a— *Clutch Discs

Bossert Corp., cor Linden & West av, Utica, New York
General Asbestos & Rubber Co., Charleston, S. C.
Pettis W. W. Co., 416-417 First Nat Bank bldg, Cincinnati, O.
Thermoid Rubber Co., Trenton, N. J.

2773b— Clutch Facings

Cork Insert Co., 164 Federal, Boston, Mass.
Detroit Oak Belting Co, (Automobile Leather), 3362H Wight, Detroit, Mich.
Dominion Asbestos & Rubber Corp. ("Griptite"), 154 Nassau, New York.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Horton F. L. Corp. ("Elektra"), 36 Whittier, Roxbury, Boston, Mass.
Kelso Mfg. Co., Trenton, N. J.
Multibestos Co. ("Multibestos"), Walpole, Mass.
Thermoid Rubber Co., Trenton, N. J.

2774— Clutches (Arc Lamp)

Paiste H. T. Co., 3201 Arch, Phila., Pa.
Phila. Electrical & Mfg. Co. ("Perfect"), **1236 N 31st, Phila., Pa.**
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2775— Clutches (Automobile)

Fuller & Sons Mfg. Co., Kalamazoo, Mich.
Hartford Auto Parts Co. (Cone), Hartford, Conn.
Hilliard Clutch & Machinery Co. ("Hilliard," Multiple Disk Dry Friction), Elmira, N. Y.
Hoosier Clutch Co., Muncie, Ind.
Konigslow Otto Mfg. Co. (Cone), 3506 Perkins av, Cleveland, O.
Mechanics Machine Co., Rockford, Ill.
Merchant & Evans Co. ("M. & E." Dry Disc & "Hele-Shaw"), Washington av & 21st, Phila., Pa.
Muncie Gear Wks., Muncie, Ind.
Reed Foundry & Machine Co. (Multiple Disc & Cone), Kalamazoo, Mich.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Wabash Gear Works (Multiple Disc & Cone), Terre Haute, Ind.
Warner Gear Co. (Multiple & Single Disc), Muncie, Ind.

2775a—*Clutches (Countershaft)

Bond Foundry & Machine Co., Manheim, Pa.
Chicago Pulley & Shafting Co., 40H S. Clinton, Chicago, Ill.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hoosier Clutch Co., Muncie, Ind.
Westlund C. G. Co. ("Star Safety," "Westlund Split"), 498 Millbury, Worcester, Mass.

2776— Clutches (Electric)

Brown-Lipe Gear Co. (Multiple Discs), Syracuse, N. Y.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

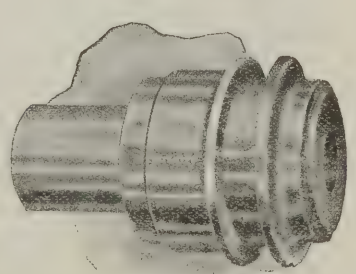
2777— Clutches (Friction)

See also Pulleys, Friction Clutch; also Machinery, Power Transmitting

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Tool & Machine Co. ("Hub" & "Worrall"), 10 High, Boston, Mass.
Atlas Ball Co., 4th and Glenwood av, Phila., Pa.
Bauroth Bros, Springfield, O.
Beloit Iron Works ("Bulldog"), Beloit, Wis.
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Quincy & C. & P. Ry, Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown Clutch Co., Sandusky, O.
BROWN ENGINEERING CO., 110 N. 3rd, Reading, Pa.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Cedar Rapids Foundry & Mach. Co., Cedar Rapids, Ia.
Chain Belt Co., Milwaukee, Wis.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Conway Clutch Co., 1956 W. 6th, Cincinnati, Ohio.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Split & Solid), Mishawaka, Ind.
Eastern Machinery Co. ("Frisbie"), New Haven, Conn.
Edgemont Machine Co. ("Edgemont"), Dayton, O.
Erie Clutch & Pulley Co., Erie, Pa.
Essmueller Mill Furnishing Co. ("Peerless"), 1222 S 8th, St. Louis, Mo.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co. ("Falls"), Cuyahoga Falls, O.
Farrel Foundry & Machine Co. (Coil), Ansonia, Conn.
Filer & Stowell Co., Milwaukee, Wis.
Fletcher Wks., Glenwood av, Phila., Pa.
Frost Mfg. Co. ("Frost"), Galesburg, Ill.
Gump B. F. Co., 431 S. Clinton, Chicago
HANSON CLUTCH & MACHY. CO. (Also Appliances), Tiffin, O.
See adv index at end of book
Hess-Snyder Co., Massillon, Ohio
HILL CLUTCH CO. ("Smith" Type, "Hill"), W. 65th, Cleveland, O.
Hilliard Clutch & Machinery Co. ("Hilliard" Friction Clutch & Cut-Off Couplings), Elmira, N. Y.
Holyoke Machine Co. ("Lombard"), Worcester, Mass.
Hoosier Clutch Co., Muncie, Ind.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N. Adams, Mass.
Johnson Carlyle Machine Co., "Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lane G. W. & C. A., Exeter, N. H.
Lauson-Lawton Co., De Pere, Wis.
LINK-BELT COMPANY ("Ewart" and "Disk" "Twyncone"), 300 W. 39th, Chicago, Ill.
See adv index at end of book
McMahon & Co. ("McMahon"), Water cor. Ledge, Worcester, Mass.
See adv index at end of book

McMAHON AND CO.
WORCESTER, MASS.
Manufacturers of
McMahon Patent Friction Pulleys, Friction Cut-off Couplings, and Friction Clutches
for all purposes.
WE SELL OUR CLUTCHES
subject to the approval of the buyer and guarantee them to give entire satisfaction.

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Mereen-Johnson Machine Co., 4400 Lyndalean, Minneapolis, Minn.
Miller Foundry & Specialty Co., No Tonawanda, N. Y.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
MOORE-MASTER MFG. CO., 3445 N Westerman, Chicago, Ill.
See adv index at end of book
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Morgan Construction Co., Worcester, Mass.
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Passman Bros., 30 S Green, Chicago, Ill.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
Production Machinery Co. ("Blerney"), Greenfield, Mass.
Pusey & Jones Co., Wilmington, Del
Pyott Co. ("Pyott-Miller" Steel Plate), 1401 W North av., Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Reliance Gauge Column Co. ("Cleveland"), Cleveland, Ohio
Robinson Mfg. Co., Muncy, Pa.
Rockwood Mfg. Co. (Fibre), 1801 English av, Indianapolis, Ind.
Schultz A. L. & Son ("Schultz"), 1675 Elston av, Chicago, Ill.
Schwab R. J. & Sons Co. ("Milwaukee"), 283 Clinton, Milwaukee, Wis.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.



FRICTION CLUTCHES

POWER TRANSMITTING MACHINERY
PULLEYS, SHAFTING, HANGERS, BEARINGS, COLLARS, COUPLING, JAW-CLUTCHES, FRICTION CLUTCHES, GEARS, ETC.

THE HANSON CLUTCH AND MACHINERY COMPANY
TIFFIN, OHIO, U. S. A.
ENGINEERS, FOUNDERS AND MACHINISTS

Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co., 1734H Power, Cincinnati, Ohio.
Strait H. N. Mfg. Co., Kansas City, Kan.
Stephens-Adamson Mfg. Co. ("S. A." Steel Plate), Aurora, Ill.
Sunderland Machinery & Supply Co., Omaha, Nebr.
Thomas Flexible Coupling Co. ("Empire"), Erie, Pa.
Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
United Iron Works Co. (Patented), Kansas City, Mo.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Milwaukee Shaper Co., 1144 Kolton, Milwaukee, Wis.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co. (And Jaw), 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
Westlund C. G. Co. ("Star" Safety, "Westlund Split"), 493 Millbury, Worcester, Mass.
Wolf Co., Chambersburg, Pa.
Worcester Machine Co., Worcester, Mass.
Wood's T. B. Sons Co. ("Universal Giant"), Chambersburg, Pa.

2778—Clutches (Friction, Heavy Mill)

Bond Foundry & Machine Co., Manheim, Pa.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hoosier Clutch Co., Muncie, Ind.
McMahon & Co. ("McMahon"), Water cor. Ledge, Worcester, Mass.
See adv index at end of book
O. K. Clutch & Machinery Co., Columbia, Pa. *See adv index at end of book*

2779— Clutches (Gas Engine)

Bond Foundry & Machine Co., Manheim, Pa.
Brown Clutch Co. ("Brown"), Sandusky, O.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Havana Mfg. Co., Havana, Ill.
Hill Clutch Co., W. 65th, Cleveland, O.
Hilliard Clutch & Machy Co., Elmira, N. Y.
Johnson Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Minster Machine ("Herken" Friction), Minster, O.
O. K. CLUTCH & MACHINERY CO. ("O. K." Friction), Columbia, Pa.
See adv index at end of book
Oil City Boiler Works, Oil City, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Thomas Flexible Coupling Co. ("Empire"), Erie, Pa.
West Coast Gas Engine Co. (Reverse for Oil Field Service), San Diego, Cal.

2780— Clutches (Magnetic)

Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

2781—Clutches (Motor Cycle)

Eclipse Machine Co., 18th, Elmira, N. Y.
Universal Machinery Co., 784 30th, Milwaukee, Wis.

2782-3— Clutches (Rail)

Handlan-Buck Mfg. Co. ("McPartland"), 210 14 N 3rd, St. Louis, Mo.

Coach Wheel Lathes

See Lathes, Car & Driving Wheel

2783a—Coagulant (Concentrated)

Kalbfleisch Corp., 31 Union Sq, New York

2783b—*Coal Breaker Buildings

BETHLEHEM FABRICATORS, INC., Bethlehem, Pa.

Coal Breakers

See Crushers, Coal & Coke

Coal Cutters

See Coal Cutting Machines

Coal Dock Outfits

See Conveyors, Coal; also Buckets; also etc

2784—Coal Handling & Storage Plant Construction

See also Machinery, Coal & Ore Handling; also Conveyors, Coal & Ash Handling
Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, O.
Fairbanks, Morse & Co. (Designers & Builders), 900 S Wabash av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N. Fourth, Columbus, Ohio. *See adv index at end of book*
Lakeside Bridge & Steel Co., North Milwaukee, Wis. *See adv index at end of book*
LINK-BELT COMPANY (Complete Plants), 300 W. 39th, Chicago, Ill.
See adv index at end of book
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Maine Electric Co., Portland, Me.
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roberts & Schaefer Co. (Engineers' & Contractors' Coal Washeries, Tipples, Coal Dock Builders, Screening Equipment, Power Houses, Bins & Coaling Stations), 332 S. Michigan av, Chicago, Ill.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

2784a— Coal Mines

Marked thus: * Anthracite; † Bituminous.

ALABAMA.

BIRMINGHAM—Corona Coal Co.
Pratt Consolidated Coal Co.

COLORADO.

DENVER—Colorado Fuel & Iron Co., Boston bldg
Moffat Coal Co., Gas & Electric bldg
Rockly Mountain Fuel Co., Foster bldg
Union Coal Co., Colorado bldg

ILLINOIS.

ASSUMPTION—Pana Coal Co.
BENTON—Franklin County Mining Co.
BOONVILLE — Sunlight Coal Co., H. Fletcher Bk. bldg
CATLIN—Taylor-English Coal Co.
CENTRALIA—Marion County Coal Co.
CHICAGO—Big Creek Coal Co., 122 S Michigan av
Black Star Coal Co., 76 W Monroe
Centralia Coal Co., 343 S Dearborn
Chicago Sandoval Coal Co., McCormick bldg
Chicago, Wilmington & Franklin Coal Co., McCormick bldg
Columbus Mining Co., 332 S Michigan av
Dering J. K. Coal Co., 332 S Michigan av
Essanbee Mine Co., 808-343 Dearborn
Groveland Coal Mining Co., McCormick bldg
Indiana & Illinois Coal Corp., 10 S La Salle
Johnson City Coal Co., Conway bldg
Madison Coal Corp., 910 S Michigan blvd
Nokomis Coal Co., Old Colony bldg
O'Gara Coal Co., McCormick bldg
Old Ben Coal Corp., McCormick bldg
Peabody Coal Co., 332 S Michigan av
Peerless Coal Co., McCormick bldg
Pike County Coal Co., McCormick bldg
Rend W. P. Coal & Coke Co., McCormick bldg
Republic Coal Co., 28 E Jackson blvd
Ridge Coal Mining Co., 37 W Van Buren
St. Paul Coal Co., Railway Exch. bldg
Searls Coal Co., Rookery bldg
Security Coal & Mining Co. of Mo., Fisher bldg
Sheal Creek Coal Co., McCormick bldg
Southern Gem Coal Corp., Old Colony bldg
Wisconsin Steel Co., 606 Michigan av
GILLESPIE—Superior Coal Co.
HARRISBURG—Wasson Coal Co.
HERRIN—Freeman Coal Mining Co.
HILLSBORO—Hillsboro Coal Co.
JOHNSON CITY—Ernest Coal Co.
LA SALLE—La Salle County Carbon Coal Co.
MONMOUTH—Silver Creek Colliery Co.
O'FALLON—Mutual Coal & Mining Co.
PEORIA—Clark Coal & Coke Co.
ROCK ISLAND—Spoon River Colliery Co.
ROYALTON—Franklin Coal & Coke Co.
SPRINGFIELD—Citizens Coal Mining Co.
Chicago-Springfield Coal Co.
Paradise Coal Co.
Sangamos Coal Co.
Union Fuel Co.
West End Coal Co.
STAUNTON—Mt. Olive & Staunton Coal Co.
WEST FRANKFORT—West Frankfort Coal Co.
WHITE ASH—Johnson City Washer Coal Co.

INDIANA.

BRAZIL—American Coal Mining Co.
CLINTON—Clinton Coal Co.
EVANSVILLE—Wooley J. Coal Co.
HYMERA—Steele-Kattman Coal Co.
INDIANAPOLIS—Ayrdale Coal Co., 601 Trac. Term.
Linton Collieries Co., Fletcher Trust bldg
TERRE HAUTE—Big Vein Mining Co.
Fort Harrison Mining Co.
Lower Vein Coal Co.
Oliphant-Johnson Coal Co.
Pickett & Shirkle Coal Co.
Rowlands Power Consolidated Collieries Co.
Sanford Mining Co.
Tecumseh Coal & Mining Co.
Vigo Mining Co.
Western Indiana Mining Co.
Zimmerman Coal Co.

IOWA.

DES MOINES—Central Iowa Fuel Co.
BUXTON—Consolidated Coal Co.

KANSAS.

COLUMBUS—Spencer Newlands Coal Co.
PITTSBURG—Carbon Coal Co.

KENTUCKY.

ARTEMUS—Wheeler Coal Co.
COXTON—Lich Branch Coal Co.
EARLINGTON—St. Bernard Mining Co.
GREENVILLE—Duncan W. G. Coal Co.
HENDERSON—Mid-West Fuel Co.
PADUCAH—Riker C. M. Coal Co.
PINEVILLE—Boone Trail Coal Co.
PRESTONBURG—Middle Creek Coal Co.
STEARNS—Stearns Coal & Lumber Co.
STONE—Pond Creek Coal Co.
STURGIS—West Kentucky Coal Co.
WHITE STAR—White Star Coal Co.

MARYLAND.

BALTIMORE—Consolidated Coal Co., Continental bldg
CUMBERLAND—George's Creek Coal Co.
Davis Coal & Coke Co., Continental bldg

MASSACHUSETTS.

BOSTON—New England Fuel & Transportation Co., 111 Devonshire

MICHIGAN.

BAY CITY—Gage Robt. Coal Co.
DETROIT—Ford Collieries Co., Ford bldg
Superior Colliery Co., Hamm. bldg
LUDINGTON—Stearns Coal & Lumber Co.

MISSOURI.

KANSAS CITY—Central Coal & Coke Co.
Crowe J. R. Coal & Mining Co., Dwight bldg
Jackson-Walker Coal & Mining Co., Commerce bldg
ST. LOUIS—Consolidated Coal Co. of St. Louis, 1155 Ry. Exch.
Donk Bros. Coal & Coke Co., 314 N 4th
Kerens-Donnewald Coal Co., 12th & Lucas av
Lumach Coal Co., 613 Locust
New Staunton Coal Co., Security bldg
Perry County Coal Corp., Boatmen's Bk. bldg
Pocahontas Mining Co., H Times bldg
Southern Coal & Coke & Mining Co., Security bldg
Western Coal & Mining Co., Railway Exch. bldg
Willis Coal & Mining Co., Fullerton bldg

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Diamond Coal & Coke Co.
WASHOE—Montana Coal & Iron Co.

NEBRASKA.

OMAHA—Megeata Coal Co.
Roundup Coal Mining Co.
Sheridan Coal Co.

NEW MEXICO.

ALBUQUERQUE—Diamond Coal Co.
RATON—St. Louis, Rocky Mt. & Pacific Co.

NEW YORK.

BUFFALO—†Cascade Coal & Coke Co., Erie Co. Bk. bldg
LACKAWANNA—†Ellsworth Collieries Co.
†Lackawanna Coal & Coke Co.
NEW YORK CITY—American Coal Co. of Allegheny Co., 1 Broadway
†Brothers Valley Coal Co., 90 West
Chesapeake & Ohio Railway Co. (Fuel Mine Operations), 61 B'way
*Del., Lackawanna & Western RR. Co., 90 West
Elk Horn Coal Corp., Bankers Tr. bldg
Maryland Coal Co. of W. Va., 1 Broadway
Miller Joseph., 55 Liberty
New River Collieries Co., 120 B'way
†Penna. Coal & Coke Corp., Whitehall bldg
†Rainey W. J., 52 Vanderbilt av
Texas & Pacific Coal Co., 24 B'way
†Vintor Colliery Co., 50 E 42d
SYRACUSE—Edgewater Coal Co.
Portsmouth Solvay Coke Co.

OHIO.

ADENA—Wheeling Township Coal Mining Co.
AKRON—Akron Coal Co.
ATHENS—Boston Consolidated Coal Co.
BELLAIRE—Morgan A. J. Coal Co.
CAMBRIDGE—Forsythe Coal Co.
CLEVELAND—Barton Coal Co., Rockefeller bldg
Cambridge Collieries Co., Rockefeller bldg
Clarkson Coal Mining Co., Rockefeller bldg
Cleveland-Belmont Coal Co., Hickox bldg
Cleveland Cliffs Iron Co., Rockefeller bldg
Fairview Coal Co., Rockefeller bldg
Kanawha & Hockoning Coal & Coke Co., Union Nat'l Bk. bldg
Morris Coal Corp., Citizens bldg
National Coal Co., Rockefeller bldg
Ohio & Penna. Coal Co., Williamson bldg
Rail & River Coal Co., Rockefeller bldg
Sauters Coal Co., Leader News bldg
Sterling Coal Co., Ltd., Leader News bldg
U. S. Coal Co., Citizens bldg
†Valley Camp Coal Co., Rockefeller bldg
Warner Collieries Co., Union Nat'l Bk. bldg
†Youghiogheny & Ohio Coal Co., Leader Bldg
COLUMBUS—Great Lakes Co. Mining Co., Spahr bldg
Lorain Coal & Dock Co., Huntington Bk. bldg
Pittsburgh Coal Co., Spahr bldg
Sunday Creek Coal Co., Outlook bldg
MASSILLON—Goshen Central Coal Co.
POMEROY—Peacock Coal Co.
TOLEDO—Cambria Collieries Co.
YOUNGSTOWN—Republic Iron & Steel Co.
ZANESVILLE—Zanesville Coal Co.

OKLAHOMA.

LEHIGH—Folsom Morris Coal Mining Co.
McALESTER—Backbone Coal Co.
Greenwood Coal Co.
Osage Coal & Mining Co.

PENNSYLVANIA.

BEAVERDALE—†Logan Coal Co., Dept. H. See Phila.
BETHLEHEM—†Penna.-Mary. Coal Co.
BENTLEYVILLE—†Union Coal & Coke Co.
BLAIRSVILLE—†Kiskimentas Coal Co.
BRIER HILL—†Brier Hill Coke Co.
CLEARFIELD—Clearfield Bituminous Coal Corp.
CLYMER—†Russell Coal Mining Co.
CONNELLSVILLE—Jackson Coal Co.
DAWSON—†Washington Coal & Coke Co.
DUNLO—†Logan Coal Co., Dept. H. See Phila.
DU BOIS—†Buffalo & Susquehanna Coal & Coke Co.
EAST BRADY—†Keystone Mining Co.
ERIE—†Pittsburgh & Erie Coal Co.
FRACKVILLE — Colonial Colliery Co., Dept. H.
GREENSBURG—†Greensburg Coal Co.
†Inland Coal Co.
†Irwin Gas Coal Co.
†Jamison Coal & Coke Co.
†Keystone Coal & Coke Co.
†Latrobe-Connellsville Coal & Coke Co.
†Mt. Pleasant-Connellsville Coke Co.
INDIANA—†Coal Run Mining Co.
JEDDO—*Markle G. B. Co.
LATROBE—Irwin Fuel Co.
LATTIMERS MINES—*Pardee Bros. & Co., Inc.
LEECHBURG—†Saltsburg Coal Mining Co.
LIGENIER—†Seger Bros.
NEW BETHLEHEM—†Pine Run Coal Co.
MAUCH CHUNK—*Alden Coal Co.
†Beaver Run Coal Co.
MINERSVILLE—†Sonman Shaft Coal Co.
PHILADELPHIA—†Barnes & Tucker Co., Harrison bldg
†Cambria Steel Co., Widener bldg
CAMERON COAL CO. (Bituminous), Real Estate Trust bldg.
†Cortright Coal Co., Pa. bldg.
*Cranberry Creek Coal Co., 437 Chestnut
Crozer Coal & Coke Co., No. American bldg
Emmons Coal Mining Co. of W. Va., Land Title bldg
*Haryd Coal Co., Land Title bldg
*Harleigh-Bookwood Coal Co., N. A. bldg
Lehigh Coal & Navigation Co., 437H Chestnut.
*†Lineaweaver, H. H., & Co., Inc., 32H S. Broad
†Logan Coal Co., Harrison bldg
†McIntyre J. M. & Co., Comm. Tr. bldg
†Madeira Hill Coal Mining Co., N. Amer. bldg
Maryland Coal Co. of Penna., Comm. Tr. bldg
*Midvalley Coal Co., Land Title bldg
New River & Pocahontas Consolidated Coal Co.
North East Coal Co., Commercial Tr. bldg
†Rockhill Coal & Iron Co., 437 Chestnut
†Shoemaker Coal Mining Co., Real Estate bldg
†Tatnall Lea J., & Co., St. Girard bldg
†Westmoreland Coal Co., 224 S 3rd
PITTSBURGH—†Argentine Coal Co., Oliver bldg
†Arrow Coal Co., Oliver bldg
†Bertha Coal Co., Chamber of Commerce bldg
†Blanchard Coal Co., Fulton bldg
†Carnegie Coal Co., Oliver bldg
†Chartiers Creek Coal Co., Park bldg
*Colonial Colliery Co., N. A. bldg
†Consolidated Coke Co., Oliver bldg
*Consumers Fuel Co., Chamber of Comm. bldg
†Clyde Coal Co., Bessemer bldg
†Crucible Fuel Co., Empire bldg
†Equitable Coke Co., Oliver bldg
†Fayette Coal Corp., 1st Nat'l Bk. bldg
†Greenburgh-Connellsville Coal & Coke Co., 1st Nat'l Bk. bldg
Hamilton, A. R., Co., 2010 Commonwealth bldg.
Harmon Creek Coal Co., Oliver bldg
†Hecla Coal & Coke Co., Oliver bldg
†Hillman Coal & Coke Co., 1st Nat'l Bk. bldg
†Kittanning Iron & Steel Co.
†Meadow Lands Coal Co., 1st Nat'l Bk. bldg
†Short Creek Coal Co., 1st Nat'l Bk. bldg
†Stevens Coal Co., 246 3d av
†Pitts. Terminal Railroad & Coal Co., Wabash bldg
†Pitts. Coal Co., Oliver bldg
Producers Coal Corp., 1st National Bank bldg.
U. S. Coal & Coke Co., Carnegie bldg
†Verner Coal & Coke Co., Oliver bldg
†Vesta Coal Co., Jone & Laughlin bldg
Windsor Coal Co., Bendum-Trees bldg
†Woodruff Coal & Iron Co., 240-44 Oliver bldg.
POTTSVILLE—Peerless Coal & Coke Co.
PUNXSUTAWNEY—†Brush Creek Coal Mining Co.
†Cowanshannock Coal & Coke Co.
†Jefferson & Clearfield Coal & Iron Co.
†Pitts. Gas Coal Co.
†Rochester & Pitts. Coal & Iron Co.
†Summit Coal Mining Co.
ROSEBUD—†Irvona Coal & Coke Co.
RUSSELLTON—†Superior Fuel Co.
RUTHERFORD—†Logan Coal Co., Dept. H. See Phila.
ST. BENEDICT—†Carrolltown Coal Co.
ST. MARYS—*Lawsonham Coal Co.
SCOTTSDALE—†Lincoln Coal & Coke Co.
SCRANTON—*Hudson Coal Co.
*Jermyn & Co.
†Northwestern Mining & Exchange Co.
*Penna. Coal Co.
*Price, Pancoast Coal Co.
*Scranton Coal Co.
*Temple Coal Co.
*West End Coal Co.
SNOW SHOE—†Kelly Bros. Coal Co.
SOMERSET—†Quemahoning Coal Co.
UNIONTOWN—†Buchannon River Coal Co.
†Reilly-Callaghan Coal & Coke Co.
†Taylor Coal & Coke Co.
†Whyel Coke Co.
WASHINGTON—†McClare Mining Co.
WILKES-BARRE—*Lehigh & Wilkes-Barre Coal Co.
†Morris Run Coal Mining Co.
*Susquehanna Collieries Co.
WINDBER—†Reitz Coal Co.

TENNESSEE.

CHATTANOOGA—Durham Coal & Iron Co.
FAIRFAX—Johnson Fuel Co.
KNOXVILLE—Jackson Coal Mining Co.
LA FOLLETTE—La Follette Coal & Iron Co.
MEMPHIS—Galloway Coal Co.
MONTEREY—Brier-Hill Collieries Co.
TRACY CITY—Tenn. Consolidated Coal Co.

UTAH.

SALT LAKE CITY—Independent Coal & Coke Co.
Utah Fuel Co.

VIRGINIA.

BIG STONE GAP—Stonega Coal & Coke Co.
BLACKWOOD—Blackwood Coal & Coke Co.
DOROTHY—Chesapeake & Ohio Railway Co. (Fuel Mine Operations), Dept. H
LYNCHBURG — Chesapeake & Virginian Coal Co., Inc., 710H Peoples National Bank bldg
Premier Pocahontas Collieries Co.
POCAHONTAS—Pocahontas Fuel Co., Inc.
PULASKI—Pulaski Iron Co.
ROANOKE—Va. Iron, Coal & Coke Co.
ST. PAUL—Clincher River Creek Co.
SOUTH CLINCHFIELD — International Coal Products Corp.

WASHINGTON.

SEATTLE—Pacific Coal Co., Smith bldg

WEST VIRGINIA.

BRAEHOLM—Buffalo Eagle Coal Co.
CANNELTON—Cannelton Coal & Coke Co.
CARBON—Carbon Fuel Co.
CHARLESTON—Slab Fork Coal Co.
CHARPLES—Boone County Coal Corp.
COALWOOD—Carter Coal Co.
DOTT—Turkey Gap Coal & Coke Co.
ELKINS—W. Virginia Coal & Coke Co.
EXCELSIOR—Excelsior Pocahontas Coal Co.
FAIRMONT—Bethlehem Coal Co.
Hutchinson Coal Co.
Monongahela Valley Traction Co.
GLEN JEAN—McKee Coal & Coke Co.
GLEN WHITE—White E. E. Coal Co.
HOLDEN—Island Creek Coal Co.
KAYFORD—Cabin Creek Consolidated Coal Co.
McDONALD—New River Co.
OMAR—Main Island Creek Coal Co.
PAGE—Soup Creek Colliery Co.
PLEASANT—Ohio River Salt Co.
TAMS—Gulf Smokeless Coal Co.
WELCH—Central Pocahontas Coal Co.
WINDING GULF—Winding Gulf Colliery Co.

WISCONSIN.

MILWAUKEE—Elkhorn Piney Coal Mining Co., 425 E Water

WYOMING.

GEBO—Owl Creek Coal Co.
KEMMERER—Kemmerer Coal Co.
ROCK SPRING—Union Pacific Coal Co.

2785— Coal Tar Products

See also Colors, Coal Tar

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Amalgamated Dyestuff & Chemical Works, Inc., 75 Hudson, New York
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Berlin Aniline Works (Imp), 213 Water, New York
Bidtel Chemical Works, Inc., 51 Front, New York
By-Products Coke Corp., 332 S. Michigan av, Chicago, Ill.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Campbell, John, & Co., 75 Hudson, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
City Gas Co. (Gas & Coal Tar), Norfolk, Va.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Ford Roofing Products Co., 1134 N. 3rd, St. Louis, Mo.
Glockner & Blue Co. (Roofing), 2474 3d av, New York
Huggins Jas. & Son (For Rubber Mfrs.), Malden, Mass.
JORDAN, WILLIAM E., INC., 15 Cliff, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Milwaukee Gas Light Co., 182 Wisconsin, Milwaukee, Wis.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Philadelphia Aniline & Extract Co. (Aniline), Bourse bldg, Phila., Pa.
PROTEXOL CORP., 41 Barclay, New York
Semet-Solvay Co., Syracuse, N. Y.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Stelwagon Mfg. Co., 19th & Washington av, Phila., Pa.
Standard Chemical Co., Tacoma, Wash.
United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
Warren Bros. Co. ("Acme"), 142 Berkeley pl, Boston, Mass.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co. (Crude & Refined), Erie, Pa.
Wilckes, Martin, Wilckes Co. (Coal Tar Only), 135 William, New York
Zobel Ernst Co., 112 2d av, Brooklyn, N. Y.

2786—Coal & Coke Crushing & Screening Plants

Allen Engineering Co., 14 N. 55th, Phila., Pa.
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFREY MFG. CO., 961 N 4th Columbus, Ohio. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Phillips Mine & Mill Supply Co. (Screening Only), 2227 Jane, Pittsburgh, Pa.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

2786a— Coalite

Atlas Powder Co., Wilmington, Del.
Giant Powder Co., Cons., San Francisco, Cal.

2786b— Coat Hangers

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Florin Philip, 465 Broome, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

2787—Coating (Automobile Tire)

French Sam'l H. & Co. ("Whitire"), 4th & Callowhill, Phila., Pa.

2787a—*Coating (Blackboard)

Du Pont, E. I. de Nemours & Co., Inc., Sales Dept., Paint and Varnish Section, Wilmington, Del.
See adv index at end of book

Coating (Concrete)

See Water-proofing Materials

Coating (Rope & Cable)

See Wire Rope Coating & Lubricant

2788—Coatings (Cast Iron Pipe)

Barber Asphalt Paving Co. (Asphalt), Land Title bldg, Phila., Pa.
Highland Chemical Products Co. ("Highland," Non-Corrosive), Connellsville, Pa.
Lamson John S. & Bro., 347 Madison av, New York
Patton Paint Co., Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.) ("Eclipse"), Franklin, Pa.
Standard Asphalt & Rubber Co. ("Sarco," Mineral Rubber for Steel & Cast Iron Pipe), 208 S La Salle, Chicago, Ill.

2789—Coatings (Cement Floor)

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Billings-Chapin Co. ("Bilchaco" for Preventing Dust, etc), 1163 E 40th, Cleveland, O.
Ohio Varnish Co. ("Chi-Namel"), 8604 Kinsman, Cleveland, O.
Preservative Products Co., 1133 B'way, New York

2790— Coats (Duck)

Collins Michael J., 24 Thayer, Boston, Mass.
Gordon Supply Co., 537 Albany, Boston, Mass.
Wheeler, F. H., Mfg. Co., 215 W. Huron, Chicago, Ill.

2791— Cobalt

DRAKENFELD B. F. & CO., INC. (Metal Oxides, Carbonate, Nitrate & Sulphate Acetate—Selling Agent), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
McKesson & Robbins, 91 Fulton, New York
Metal & Thermit Corp., 120 Broadway, New York
Roessler & Hasslacher Chemical Co. (Oxide, etc.), 709 6th av, New York
Sloan & Russel, Inc. (Dryers & Salts), 132 Nassau, New York
Vitro Manfg. Co. (Phosphate), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Oxide & Sulphate), 273 Greene, Brooklyn, N. Y.

2791a— Cobalt (Acetate)

DRAKENFELD B. F. & CO., INC. (Metal Oxides, Carbonates, Nitrate, Sulphate & Acetate—Selling Agent), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Masco Chemical Co., New Market, N. J.

2791b— Cobalt (Carbonate)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.

2791c— Cobalt (Chloride)

Cooper Chas. & Co., 194 Worth, New York
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Shepherd Chemical Co., Beech & Highland, Cincinnati, O.
Stressen-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.

2791d— Cobalt (Linoleate)

Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Sizing Specialties Co., Jersey City, N. J.
Stressen-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.

2791e— Cobalt (Metal)

Drakenfeld B F & Co., 50 Murray, New York.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Mackay A. D., 130 Pearl, New York

2791f— Cobalt (Nitrate)

DRAKENFELD B. F. & CO., INC. (Metal Oxides, Carbonate, Nitrate, Sulphate & Acetate—Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio

2791g— Cobalt (Oxide)

Drakenfeld B. F. & Co., 50 Murray, New York
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Mackay A. D., 130 Pearl, New York.
Niasco Chemical Co., New Market, N. J.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Stresen-Reuter & Hancock, Inc., 122 S. Michigan av, Chicago, Ill.
Vitro Manfg. Co. (Black and Grey), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Bklyn., N. Y.

2791h— Cobalt (Peroxide)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio

2791i— Cobalt (Resinate)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Meyer, J., & Sons, Bourse bldg, Phila., Pa.
Scheel Wm. H., 159 Maiden lane, New York
See adv index at end of book

2791j— Cobalt (Sulphate)

DRAKENFELD B. F. & CO., INC. (Metal Oxides, Carbonate, Nitrate, Sulphate & Acetate—Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Hummel & Robinson, 26 Cortlandt, New York
Vitro Manfg. Co., H. Bessemer bldg, Pittsburgh, Pa.

2792— Cobblers' Outfits

Chattanooga Implement & Mfg Co., Chattanooga, Tenn.
Enterprise Mfg. Co. of Pa., N 3d, cor Dauphin, Phila., Pa.
Fate-Root-Heath Co. ("Economy," "Economical," "Eclipse," "Invincible," "Guaranteed Perfection," "Leader," "Royal," "Acme," "Universal," "Plymouth Rock," "Combination," "Popular," "Fireside," "Premier," "Practical," "Home" Family, etc), Plymouth, O.
Sacks Louis, Inc. ("Star"), Wilson av, Newark, N. J.
Wrightsville Hardware Co., Wrightsville, Pa.

2792a— Cocaine

Mallinckrodt Chemical Wks., 3600 W 2nd, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

2793— Cochineal

Anderson-Hillier Co., Inc. (Imp.), 99H John, New York
Hagemeyer Trading Co. (Importers), 17 Battery pl, New York
Klipstein A. & Co., 644 Greenwich, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Ransom L. E. Co. (Imported), 279 Pearl, New York

2794— Cockeyes

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Frazer & Jones Co. (Screw, Triangular, "Utility," "Little Giant" Clip, etc), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand," Screw, Triangular, Clip, etc.), New Britain, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stowell Co., The, S Milwaukee, Wis.

2795— Cocks (Acid)

Aterite Co., Inc. ("Aterite" "Fanosite" Sulphuric), N. E. Cor. John & William, New York
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
General Ceramics Co. (Stoneware), 50 Church, New York
Kelly & Jones Co., Greensburg, Pa.
M. H. Aterite Co., Paterson, N. J.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio

Cocks (Acid-Proof Stoneware)

See Stoneware, Chemical

2796— Cocks (Air)

American Lubricator Co., Summit & Wabash Ry, Detroit, Mich.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Asbell S. J. Co., Paterson, N. J.
Buckeye Iron & Brass Works (Hydraulic, Bibb, etc), Dayton, O.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hancock Mfg. Co., Charlotte, Mich.
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Homestead, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Monarch Valve Co. ("Monarch" Brass), 112 Front, Brooklyn, N. Y.
Nason Mfg. Co., 71 Fulton, New York
National Brass Mfg. Co. (Lever Handle), Rochester, N. Y.
Pittsburgh Brass Mfg. Co. (For Mines), Penn & 32nd, Pittsburgh, Pa.
Powell, Wm., Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Standard Brass Wks., 2931H Wright, Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

2797— Cocks (Air Brake)

Sherburne & Co. (Brakeman's, for Controlling from Rear of Trains When Backing), 53 Oliver, Boston, Mass.
Star Brass Mfg. Co. ("Star," Brakeman's Signals), 53 Oliver, Boston, Mass.
WESTINGHOUSE AIR BRAKE CO. (Self-Locking Angle), Pittsburgh, Pa.

2798— Cocks (Ale & Beer)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Cleveland Brass Works, 1525 E 49th, Cleveland, O.
Cleveland Faucet Co., 1205 E 55th, Cleveland, O.
Hamilton Jno. Brass Works (Beer or Bar), Bridgeport, Conn.
Haydenville Co., Haydenville, Mass.
Homer Brass Works, 231 Race, Phila., Pa.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis
Landers, Frary & Clark, New Britain, Conn.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.

2798a—Cocks (Asbestos Packed)

Fairbanks Co., 416 Broome, New York

2799— Cocks (Ball)

ACHESON MFG. CO. ("Mansfield"), Rankin, Pa. *See adv index at end of book*
American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Appleton Brass Co. ("Curtain," Rotary), 3 Appleton, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Boston Brass Co. ("B. B." High Pressure "Bronx"), 135 Bacon, Waltham, Mass. *See adv index at end of book*
Boyts, Porter & Co., Connellsville, Pa.
Burlington Brass Works ("Hartford"), Burlington, Wis.
Cahill-Swift Mfg. Co. ("Crescent"), 112 Market, St. Louis, Mo.
Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*

COCKS (BALL)—continued
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Dalton Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dececo Co., 157 High, Boston, Mass.
Engel Mfg. Co., 210 Temple, Syracuse, N. Y.
d'Este Julian Co. ("U. S."), 24 Canal, Boston, Mass.
See adv index at end of book
Douglas John Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Exeter Brass Works ("Ryan's," "M. H."), Exeter, N. H.
Fleck Bros. Co., 44 N 5th, Phila., Pa
Frost Mfg. Co. ("Frost"), Kenosha, Wis.
Gaylord Sanitary Mfg. Co. ("Quick Repair"), El Dorado, Kansas.
Haines, Jones & Cadbury Co. ("Hajojca"), **1136 Ridge av, Phila., Pa.**
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons, Grand Haven, Mich.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Humphreys Mfg. Co. (High Pressure), Mansfield, O.
Hyland, W. J., Mfg. Co. ("Clark"), 151 Dwight, Springfield, Mass.
Indiana Brass Co., Frankfort, Ind.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Larkin, J. K., & Co., 253 Broadway, New York.
See adv index at end of book
L. B. Brass Co. ("L. B."), Peabody, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGraw R., Syracuse, N. Y.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
McShane Bell Foundry Co. ("McShane" Compression), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Miller Chas. A. Co. (Low Down, Closet, etc.), Sturgis, Mich.
Monarch Brass Co., Cleveland, O.
Moore G. B., 100 Dwight, Springfield, Mass.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott, J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
Nelson N. O. Mfg. Co., 10th & Chestnut St. Louis, Mo.
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Ramsey Machine & Elevator Co., 207 N 12th, St. Louis, Mo.
Robertshaw Mfg. Co., Youngwood, Pa.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Schild Specialty Co. ("Herschler Faultless"), 111 High av, Cleveland, O.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co. (Quanco," Barbers'), 549 Fulton, Chicago, Ill.
Tillotson Humidifier Co. (Noiseless), 78 **Fountain, Providence, R. I.**
Trenton Brass & Machine Co., Trenton, N. J.
Try-Me Mfg. Co. ("Try-Me"), Westfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Metal Works ("A. R. R. C."), Chelsea, Mass.
Vulcan Brass Mfg. Co. ("Paragon"), 24 Noble Court, Cleveland, O.
Webb F. W. Mfg. Co., 50 Elm, Boston, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wise J. B., Inc., Watertown, N. J.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Works ("Dale"), Grand Rapids, Mich.

2800— Cocks (Basin)

American Foundry & Mfg. Co. (Compression, Ground Key & Self-Closing), 11th & Hebert, St. Louis, Mo.
Atkinson Co., Rochester, N. Y.
Banner Mfg. Co. ("Banner," Self-Closing Faucet), 109 Lafayette, New York
Bashlin Co. (Compression & Self-Closing), Warren, Pa.
Burlington Brass Works (Fuller & Compression), Burlington, Wis.
Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
Chicago Faucet Co. ("Chi-Fau-Co.," Self-Closing), **2712 N Crawford av, Chicago, Ill.**
Cooper Sanitary Mfg. Co. (Compression & **Fuller), 34th & Chestnut, Phila., Pa.**
Dearborn Brass Co. (Self-Closing), Cedar Rapids, Ia.
Dick Bros. (Inc.), Reading, Pa.
Elgin Brass Co., 21 Park Row, New York
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Empire Brass Mfg. Co., 10301 Berea rd, Cleveland, O.
Excelovalve Co. ("Excel-O Valve" Slow **Closing), 1777 Broadway, New York**
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haydenville Co. (Compression & Swing), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly & Jones Co. (Compression, etc.), 135 Water, Pittsburgh, Pa.
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co. ("McDonald," Adjustable Right or Left Fuller), Dubuque, Ia.
McNab & Harlin Mfg. Co. (Compression, etc), 55 John, New York
McRae & Roberts, Co. 100 So. Campbell av, Detroit, Mich.
McShane Bell Foundry Co. (Compression & Self-Closing), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co. (Compression, Rapidac, Fuller & Self-Closing), Decatur, Ill.
Nopack Brass Mfg. Co. ("Nopack"), DuBois, Pa.
Peck Bros. & Co., New Haven, Conn.
Prier Brass Mfg. Co. ("Standard" Self-Closing & "Prier" Quick Compression), Kansas City, Mo.
Regar Brass Mfg. Co. ("Regar"), 1523 E 45th, Cleveland, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Speakman Supply & Pipe Co. ("Speakman" Compression Faucet, China Mountings), Wilmington, Del.
Stebbins E Mfg. Co. ("Broughton" Self-Closing), Springfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Vulcan Brass Mfg. Co., 24 Noble ct, Cleveland, Ohio

2801— Cocks (Bath)

American Brass Mfg. Co., 1521 E. 149th, Cleveland, O.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Sanitary Mfg. Co. ("American-Fuller"), Abingdon, Ill.
Atkinson Co., Rochester, N. Y.
Bashlin Co. (Compression), Warren, Pa.
Burlington Brass Works (Fuller), Burlington, Wis.
Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
Cooper Sanitary Mfg. Co. (Compression & **Fuller), 34th & Chestnut, Phila., Pa.**
Dearborn Brass Co., Cedar Rapids, Ia.
Dick Bros. (Inc.), Reading, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park Row, New York
Empire Brass Mfg. Co., 10301 Berea rd, Cleveland, O.
Findeisen & Kropf Mfg. Co. (Fuller), 2559 W 21st, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
See adv index at end of book
Hays Mfg. Co., Erie, Pa.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McShane Bell Foundry Co. (Compression Double), Harford av & B. & O. R. R., Baltimore, Md.
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co. (Compression, Rapidac & Fuller), Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
Nelson N. O. Mfg. Co., 10th & Chestnut. St. Louis, Mo.
Northern Brass Mfg. Co. (Double, etc.), Waukegan, Ill.
Robinson Plumbing Supply Co. (Jobbers), St. Paul, Minn.
Rundle Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.
Trenton Brass & Machine Co. (Compression), Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Weiskittle A. & Son Co., 12th & E Lombard, Baltimore, Md.

2802— Cocks (Bibb Nose)

Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Schwander Brass Mfg. Co., 823 N. 8th, St. Louis, Mo.

2803— Cocks (Blow-Off)

Berkshire Mfg. Co. (For Foundry Use), Whitney Power blk, Cleveland, O.
CRANE CO., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
CROSBY STEAM GAGE & VALVE CO. ("Crosby," "Johnstone" Swing Lever Type for Locomotives & Stationary Boilers), 40 Central, Boston, Mass.
See adv index at end of book
Homestead Valve Mfg. Co., Homestead, Pa.
Judson Governor Co., Rochester, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nathan Mfg. Co. (For Locomotive), 416 E 106th, New York
O'Mally-Beare Valve Co. ("Multiplate"), Railway Exch. bldg, Chicago, Ill.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Whitehead Bros. Co. (For Foundry Use), 537 W 27th, New York

2803a— Cocks (Brass)

Haydenville Co., Haydenville, Mass.
20th Cent. Brass Wks., Belleville, Ill.
Walworth Mfg. Co., 798 1st, South Boston, Mass.

2804— Cocks (Clay Press)

Trenton Brass & Machine Co. (For "Watson" & "Belfield" Clay Presser), Trenton, N. J.

2805— Cocks (Cooler)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Detroit Brass & Malleable Wks. (Water), 1177H Holden, Detroit, Mich.
Haydenville Co., Haydenville, Mass.
National Brass Mfg. Co., Rochester, N. Y.
Rose Mfg. Co., 120 W 32nd, New York.

2806— Cocks (Corporation)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Crane Co., 836 S. Michigan av, **Chicago,** Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Ltd., Williamsport, Pa.
Elkhart Brass Mfg. Co. (Stop), Elkhart, Ind.
Everhart Brass Works, Scranton, Pa.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, **Bridgeport,** Conn.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Homer Brass Works, 231 Race, Phila., Pa.
Jones Jas. Co., 201 Leroy av, Los Angeles, Cal.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Hydro-Carbon Heating & Incadescent Lighting Co. ("Kitson"), **2819** Oakford, Phila., Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., **55 John, New** York
Meyer-Sniffen Co., 11 W 36th, New York
Mueller H. Mfg. Co., Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
Ohio Pump & Brass Co., Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Prier Brass Mfg. Co., Kansas City, Mo.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Smith A. P. Mfg. Co. (Also Curb), E. Orange, N. J.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Union Water Meter Co., Worcester, **Mass.**
Walworth Mfg. Co., Boston, Mass.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

2807—Cocks (Cream Separator)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
National Brass Mfg. Co., Rochester, N. Y.
Standard Brass Wks., 2931H Wight, Detroit, Mich.

2808— Cocks (Curb)

American Foundry & Mfg. Co., **11th &** Hebert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av N. E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Jones Jas. Co., 201 Leroy, Los Angeles, **Cal.**
Mueller H. Mfg. Co., **Decatur, Ill.**
Rockford Brass Works, Rockford, Ill.

2809— Cocks (Cylinder)

American Safety Lamp & Mine Supply Co. (Locomotive), Scranton, Pa.
Buckeye Iron & Brass Works (Also With Connecting Handle, etc), Dayton, O.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Eagle Brass Foundry Co., Seattle, Wash.
Edna Brass Mfg. Co. (Locomotive Cylinder), Cincinnati, O.
Eynon-Evans Corp. (Locomotive), 15th & Clearfield, Phila., Pa.
Hancock Inspirator Co. (Pneumatic), 119 W 40th, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts, Co., 100 So. Campbell av, Detroit, Mich.
Nathan Mfg. Co. (Cylinder & Drain for Locomotives), 416 E. 106th, New York
Powell Wm. Co. (Tee Handle & L. Handle, Traction Engine, etc.), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Watertown Specialty Co. ("Watertown" Automatic Drain), Watertown, N. Y.

2810— Cocks (Dial)

Essex G. B. Brass Co. ("Essex"), 480 Franklin, Detroit, Mich.
Hays Mfg. Co., Erie, Pa.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***

2811— Cocks (Drain)

Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Homestead Valve Mfg. Co., Homestead, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***
McRae & Roberts, Co., 100 So. Campbell av, Detroit, Mich.
Michigan Lubricator Co. (Radiator), 3643 Beaubien, Detroit, Mich.
Standard Brass Wks., 2931H Wight, Detroit, Mich.

2812— Cocks (Filter Press)

Haydenville Co., Haydenville, Mass.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
McRae & Roberts, Co., 100 So. Campbell av, Detroit, Mich.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***

2813— Cocks (Float)

Homestead Valve Mfg. Co., Homestead, Pa.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.

2814— Cocks (Four-Way)

Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Hartman Co., 1231 N Front, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***

2815— Cocks (Gas Engine)

Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. ***See adv index at end of book***

2816— Cocks (Gas Meter)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, N. Y.
McRae & Roberts, Co., 100 So. Campbell av, Detroit, Mich.
Mueller H. Mfg. Co., Decatur, Ill.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Rockford Brass Works (Lock Wing Union), Rockford, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.
Utica Valve & Fixture Co., Utica, N. Y.

2817— Cocks (Gas Service)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Belfield H. Co., 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Everhart Brass Works, Scranton, Pa.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Flannery J. P. Co., New Britain, Conn.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Hydro Carbon Heating & Incadescent Lighting Co. ("Kitson"), 2819 Oakford, Phila., Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See ad index at end of book
McNab & Harlin Mfg. Co., 55 John, N. Y.
McRae & Roberts, Co., 100 So. Campbell av, Detroit, Mich.
Meyer-Sniffen Co., 11 W 36th, New York
Morgan Mfg. Co., Inc., Keene, N. H.
Mueller H. Mfg. Co., Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
National Supply Co., Toledo, O.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Powell, Wm., Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Queen City Brass & Iron Works, Cincinnati, O.
Rockford Brass Works, Rockford, Ill.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Smith A. P. Mfg. Co., East Orange, N. J.
Stebbins E. Mfg. Co., Springfield, Mass.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Union Brass & Metal Mfg. Co., Lawson & Macubin, St. Paul, Minn.
Utica Valve & Fixture Co., Utica, N. Y.
Walworth Mfg. Co., Boston, Mass.
Weir & Craig Mfg. Co., 6316 Wentworth av, Chicago, Ill.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

2818— Cocks (Gas Stove)

American Brass & Copper Co., 138 Lafayette, New York
Detroit Brass Works, 331 Holden, Detroit, Mich.
Hays Mfg. Co., Erie, Pa.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Mueller H. Mfg. Co., Decatur, Ill.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Rockford Brass Works, Rockford, Ill.
Standard Brass Wks., 2931H Wight, Detroit, Mich.
Stebbins E. Mfg. Co., Springfield, Mass.
Utica Valve & Fixture Co., Utica, N. Y.

2819—Cocks (Gasoline Shut-Off)

Dole Valve Co., 1923 Carroll, Chicago, Ill.
Homestead Valve Mfg. Co., Homestead, Pa.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Medina Stamping & Machine Co., Medina, N. Y.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

2820— Cocks (Gauge)

AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Scranton" Self-Closing), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co. ("American," "Bonar"), 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. (Locomotives, etc), 119 W 40th, New York
Aterite Co., Inc. ("Aterite" & "Fanosite"), n e cor John & William, New York
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bethlehem Shipbuilding Corp., Ltd., Broadhead & Parker av, Bethlehem, Pa.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Ball, Compression, Mississippi, etc), Dayton, O.
Cadman A. W. Mfg. Co. ("Indestructible" High Pressure, etc.), 2816 Smallman, Pittsburgh, Pa.
Capitol Brass Works (Compression), 596 Franklin, Detroit, Mich.
Chaplin-Fulton Mfg. Co. ("Bingham's" Self-Grinding), 34 Penn av, Pittsburgh, Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Detroit Brass & Malleable Works (Compression & Steam), 1177H Holden, Detroit, Mich.
Edna Brass Mfg. Co. (Steam, with Union), Cincinnati, O.
Everhart Brass Works (Improved Ball), Scranton, Pa.
Eynon-Evans Corp. (Locomotive), 15th & Clearfield, Phila., Pa.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Hall Mfg. Co., Harrison, N. J.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hills McCanna Co. (High Pressure), 2025 Elston av, Chicago, Ill.
Huyette Paul B. Co. ("P. B. H." Quick Opening, Self-Closing, Weighted), 5 S 18th, Phila., Pa.
Jenkins Bros., 80 White, New York
JERGUSON GAGE & VALVE CO. (Standard & to Specification), Mystic av & Fellsway, Somerville, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co. (Compression), Peoria, Ill.
Lonergan J. E. Co. (Locomotive, Compression, Weighted, etc), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Excelsior"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. (Steam), 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Marion Machine, Foundry & Supply Co. "Alexander"), Marion, Ind.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Michigan Lubricator Co. ("Michigan" Compression Chain Lever, etc.), 3643 Beaubien, Detroit, Mich.
Nason Mfg. Co. ("Aetna" Double Ball Seat), 71 Fulton, New York
Nathan Mfg. Co. ("Tee's," etc., for Locomotives), 416 E 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Northern Tool Co. (Safety), Utica, N. Y.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Ohio Brass Co. ("O. B."), Mansfield, O.
See adv index at end of book
Ohio Injector Co., Wadsworth, O.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh" Rotating & "Gaco" take down), 30th & Liberty av, Pittsburgh, Pa.
Powell Wm. Co. (Ball, Compression, Regrinding & "Bingham" Self-Grinding Rotating "Mississippi"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Reliance Gauge Column Co. ("Reliance" Lever Chain), Cleveland, O.
Rich Mfg. Co. ("Hoyt" Self-Closing), 370 Atlantic av, Boston, Mass.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
"S-C" Regulator Mfg. Co. ("S-C" Valveless), Fostoria, O.
Schlangen Brothers Co., 2435 Irving Park blvd, Chicago, Ill.
Sherwood Mfg. Co. ("Felthousen," "Buffalo," also Compression), 1709 Elmwood, Buffalo, N. Y.
Standard Brass Works, 2931H Wright, Detroit, Mich.
Star Brass Mfg. Co. ("Hoyt"), 53 Oliver, Boston, Mass.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
United States Gauge Co. (Steam Gauge & Syphon), 67 Wall, New York
Walworth Mfg. Co., Boston, Mass.

COCKS (GAUGE)—continued
Williams Gauge Co. ("Williams" Rotating & Regrinding & "Ball Type"), 543 4th av, Pittsburgh, Pa.
Witbonco Mfg. Co., 24 Porter, Boston, Mass.
Wright-Austin Co., 315H Woodbridge W., Detroit, Mich.

2820a— Cocks (Hard Lead)

United Lead Co., 111 B'way, New York

2821— Cocks (Hard Rubber)

American Hard Rubber Co. (For Chemical & Dye Works), 9 Mercer, New York

Cocks (Hopper)

See Valves, Hopper

2822— Cocks (Hose)

American Brass & Copper Co., 138 Lafayette, New York
Buckeye Iron & Brass Works, Dayton, O.
Detroit Brass & Malleable Works (Gas), 1177H Holden, Detroit, Mich.
Flannery P. J. Co. (Brass Hose Bibbs, for Iron Pipe), New Britain, Conn.
Haydenville Co., Heydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Knox Mfg. Co., 821 Cherry, Phila., Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Standard Brass & Iron Works (For Brewers, etc), 1320 St. Paul av, Milwaukee, Wis.

2823— Cocks (Hydrant)

American Foundry & Mfg. Co. (Compression & Ground Key), 11th & Hebert, St. Louis, Mo.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Detroit Brass Works (Ground Key), 331 Holden, Detroit, Mich.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Kinsey & Mahler Co., Jobbers, Peoria, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
McShane Bell Foundry Co. (Compression), Harford av & B. & O. R. R., Baltimore, Md.

2823a— Cocks (Hydraulic)

Elmes Charles F Engng. Wks., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

2824— Cocks (Indicator)

American Lubricator Co. (Three-Way for Engine Cylinders), Summit & Wabash Ry, Detroit, Mich.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Hays Mfg. Co., Erie, Pa.
Lonergan J. E. Co. (Three-Way), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Michigan Lubricator Co. ("Michigan" Three-Way), 3643 Beaubien, Detroit, Mich.
Powell Wm. Co. (Dialed, for Throttler Gas & Gasoline Engines), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sherwood Mfg. Co. (Three-Way), 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Star" Three-Way), 53 Oliver, Boston, Mass.
Trill Indicator Co. (Straight & Three-Way), Corry, Pa.

2825— Cocks (Inverted Key)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Monarch Brass Co., Cleveland, O.

2826—Cocks (Lead Lined Iron)

Lead Lined Iron Pipe Co., Wakefield, Mass.

2827— Cocks (Liquor)

Best W. N., Inc. ("Calorex" Oil Cocks), 11 B'way, New York
Buckeye Iron & Brass Works, Dayton, O.
Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co. (Oil Cocks), 100 S. Campbell av, Detroit, Mich.

2828— Cocks (Locking)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
Haydenville Co. (Compression), Haydenville, Mass.
Hayes Mfg. Co. (Wing), Erie, Pa.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Wilton Mfg. Co. ("Wilton"), Wrightsville, Pa.

Cocks (Locomotive Cylinder)

See Cocks, Cylinder

2829— Cocks (Milk Can)

Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
National Brass Mfg. Co., Rochester, N. Y.

2830— Cocks (Natural Gas)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S. Michigan av., Chicago, Ill. *See adv index at end of book*
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Improved Appliance Co., 413 Kent av, B'lyn, N. Y.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.

2831—Cocks (Newport Pattern)

Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Mueller H. Mfg. Co., Decatur, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.

Cocks (Oil)

See Cocks, Liquor

2832— Cocks (Oil Wagon)

Haydenville Co., Haydenville, Mass.
National Brass Mfg. Co., Rochester, N. Y.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Wilton Mfg. Co., Wrightsville, Pa.

2833— Cocks (Plug)

Aterite Co., Inc. ("Aterite" & "Fanosite"), n e cor John & William, New York
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
Hays Mfg. Co., Erie, Pa.
Judson Governor Co. (Asbestos Packed, Iron, Brass or Aluminum), Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
LUNKENHEIMER CO. (Packed), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
Watson, Frye Co., Ltd. (Acid Proof), Bath, Me.

Cocks (Priming)

See Cups, Priming

2834— Cocks (Refrigerator)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
National Brass Mfg. Co., Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.

2835— Cocks (Relief)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.

2836—Cocks (Rock Drill Air)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2836a— Cocks (Rubber)

India Rubber Co., New Brunswick, N. J.
United States Rubber Co., 1790 Broadway, New York

2837— Cocks (Ship)

Bishop's Wm. Sons, 18 James, New York
Laughlin, Thos. Co., Portland, Me.
See adv index at end of book
Sands Alfred B. & Son Co., 20 Vesey, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

2838—Cocks (Soda Fountain)

Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
U. S. Faucet Co., 1155 Mission, San Francisco, Cal.

2839— *Cocks (Spring Key)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Sanitary Co. (Stop), Dept. H, Linfield, Pa.

2840— Cocks (Steam)

Aterite Co., Inc. ("Aterite" & "Fanosite" Superheated), n e cor John & William, New York
Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (and Steam Gauge), Dayton, O.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Everhart Brass Works, 422-424 Penn av, Scranton, Pa.
Fewlass-Leen Brass & Iron Co., 610 E. Front, Cincinnati, O.
Flannery P. J. Co. (Brass), New Britain, Conn.
General Fire Extinguisher Co. (Brass), 275 W Exchange, Providence, R. I.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homestead Valve Mfg. Co., Homestead, Pa.
Judson Governor Co. (Asbestos Packed), Rochester, N. Y.
Kinsey & Mahler Co. ("K. & M. Co.," Brass), Peoria, Ill.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Larkin, J. K. & Co., 253 B'way, New York
See adv index at end of book
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMANN & TAYLOR CO., 104 John, New York *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Mueller H. Mfg. Co., Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Charles (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Powell Wm. Co. ("Powell Patent Guard," Plain, Three-Way, Light & Heavy Patterns), 2525 Spring Grove av., Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P. & C.," Asbestos Packed), Hartford, Conn.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
SIMMONS JOHN CO., 110 Centre, New York *See adv index at end of book*
Standard Brass Works, 97 Wight, Detroit, Mich.
Weir & Craig Mfg. Co., 6316 Wentworth av, Chicago, Ill.

2841—Cocks (Stop & Waste)

American Brass Mfg. Co., 1521 E 49th, Cleveland, O.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Bashlin Co. (Compression & Self-Closing Hop Cocks Only), Warren, Pa.
Belknap Mfg. Co. (Draw-off), Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Central Brass Mfg. Co., 6206 Cedar av, S E, Cleveland, O.
Cleveland Brass Mfg. Co. ("Clebra" Anti-Freezing), 4606 Hamilton, Cleveland, O.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
D. C. Mfg. Co. ("Canton" Compression), Canton, O.
Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co., 10301 Berea rd, Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Flannery P. J. Co. ("P. J. F."), New Britain, Conn.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, Bridgeport, Conn.
Hamlin & Emery Brass Co. ("Newport" & "Fitchburg"), 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
Jost's Edmunds Sons., 58 1st, Newark, N. J.
Kelly Thos. & Bros. ("Kelly"), 404 S Kolmar av, Chicago, Ill.
Kelly & Jones Co. ("Universal"), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co. ("Kitson" Compression, etc.), 2819 Oakford, Phila., Pa.
Knox Mfg. Co. (Pneumatic Hose Stop Cocks), 821 Cherry, Phila., Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark ("Simplex"), New Britain, Conn.
Lead Lined Iron Pipe Co. (Lead Lined Iron), Wakefield, Mass.
LUNKENHEIMER CO. (Stop Only), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
McShane Bell Foundry Co. (Compression), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co. (Fuller & Compression), 251 Lapham, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co. (Compression), 10th & Chestnut, St. Louis, Mo.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio
Pioneer Brass Works, Indianapolis, Ind.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Richter Brass Co., 210 E 9th, Cincinnati, Ohio
Rockford Brass Works, Rockford, Ill.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.
Utica Valve & Fixture Co., Utica, N. Y.
Vulcan Brass Mfg. Co., 24 Noble ct, Cleveland, Ohio
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Weir & Craig Mfg. Co., 6316 Wentworth av, Chicago, Ill.
Western Brass Mfg. Works, Marshall blvd & W. 21st, Chicago, Ill.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

2842— Cocks (Three-Way)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Buckeye Iron & Brass Works (Brass), Dayton, O.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Homestead, Pa.
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
Judson Governor Co. (Asbestos Packed), Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Mott J. L. Iron Wks., Trenton, N. J.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. RR., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Asbestos Packed), Hartford, Conn.
Standard Brass & Iron Works (Male or Female Connections), 1820 St. Paul av, Milwaukee, Wis.
Star Brass Mfg. Co. ("Star" For Indicator Use). 53 Oliver, Boston, Mass.
Thompson, Richard & Co., 146H Liberty, New York
Trill Indicator Co. (Indicator), Corry, Pa.

2843— Cocks (Throttle)

Homestead Valve Mfg. Co., Homestead, Pa.
LUNKENHEIMER CO. (Oil-Air), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

2844—Cocks (Traction Engine)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.

2845— Cocks (Tuyere)

Lawrenceville Bronze Co. ("Zelco"), Bessemer bldg, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co. ("Atwood" Brass Cast), 26th & A. V. R. R., Pittsburgh, Pa.

2846— Cocks (Worm & Gear)

Judson Governor Co., Rochester, N. Y.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.

2847—Cocks & Bibbs (Compression)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bashlin Co., Warren, Pa.
Bay State Brass Co., Haydenville, Mass.
Burlington Brass Works, Burlington, Wis.
Central Brass Mfg. Co. ("Quick Pression" Faucets), 6206 Cedar av, S E, Cleveland, O.
Clark Cadie Harmon Corp., Rochester, N. Y.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Dick Bros., Reading Pa.
DuBois F. N. & Co., 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Elgin Brass Co., 21 Park Row, New York
Empire Brass Mfg. Co. (Regular & Quick Compression), 10301 Berea rd, Cleveland, O.
Enterprise Hdwre. Mfg. Co., Frederick, Pa.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, Bridgeport, Conn.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co. (Quick Opening, Basin & Bath Cocks, Also Bibbs), Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
Judson Governor Co., Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See ad index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
McShane Bell Foundry Co. ("McShane" Red Metal), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Nopack Brass Mfg. Co. ("Nopack"), Dubois, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio
Prier Brass Mfg. Co., Kansas City, Mo.
Regar Brass Mfg. Co. (("Regar"), 1523 E 45th, Cleveland, O.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Savill's Thomas Sons, 1310 Wallace, Phila., Pa.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Speakman Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co. ("Esco"), Springfield, Mass.
Sterling Brass Co., 4610 St. Clair av, Cleveland, O.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Walworth Mfg. Co., Boston, Mass.
Weiskittel A. & Son Co., 12th & E Lambard, Baltimore, Md.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff Mfg. Co. (Quick), 255 N. Hoyne av, Chicago, Ill.

2848—Cocks & Bibbs (Fuller Work)

Burlington Brass Works, Burlington, Wis.
Clow Jas. B. & Sons, S. Franklin & Harrison, Chicago, Ill.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila. Pa.
Dearborn Brass Co., Cedar Rapids, Ia.
Edwardsville Brass Co., Edwardsville, Ill.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
See adv index at end of book
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Regar Brass Mfg. Co. (("Regar"), 1523 45th, Cleveland, O.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Ryan J. J. & Co. ("Faultless"), 100 S Jefferson, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

COCKS & BIBBS (FULLER WORK)—c't
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

2849—Cocks & Bibbs (Ground Key)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Buckeye Iron & Brass Works, Dayton, O.
Cleveland Brass Mfg. Co. (Cocks Only, "Clebra"), 4606 Hamilton, Cleveland, Ohio
Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Federal-Huber Co., 234 N Halstead, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jost's Edmund Sons, 58 1st, Newark, N. J.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Keystone Brass Co., Erie, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co. ("Kitson"), 2819 Oakford, Phila., Pa.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
National Brass Mfg. Co. ("National"), Rochester, N. Y.
Nichol Thomas J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Regar Brass Mfg. Co. ("Regar"), 1523 E 45th, Cleveland, O.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

2850—Cocks & Bibbs (Self-Closing)

American Automatic Machine Co., 22 Lovering, Boston, Mass.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bashlin Co., Warren, Pa.
Brookside Brass Fdry & Mfg. Co., 2315 Selzer av, S. W. Cleveland, O.
Chicago Faucet Co. ("Chi-Fau-Co." Quick Compression), 2712 N Crawford av, Chicago, Ill.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
DuBois F N & Co., 247 9th av, New York
Empire Brass Mfg. Co., 10301 Berea rd, Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co. ("Watrous," "Perry," "Cornell"), 234 N Halsted, Chicago, Ill.
Gibson Bros. Mfg. Co., No. Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly Thos. & Bros., 404 S. Kolmar av, Chicago, Ill.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Loeffelholz Co., 170 Clinton, Milwaukee, Wis.
McCambridge Co., 315 N 20th, Phila., Pa.
McShane Bell Foundry Co., Harford av, & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Milwaukee Brass Mfg. Co. ("Engel," "Peerless," "Telegraph"), 251 Lapham, Milwaukee, Wis.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Peck Bros. & Co. ("Moore's" "Dougherty," "Boston"), New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Rundle-Spence Mfg. Co. ("Telegraph"), 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Saville's Thos. Sons, 1310 Wallace, Phila., Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co. ("Broughton"), Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Vulcan Brass Mfg. Co., 24 Noble ct, Cleveland, Ohio
Walsh Richard, 61 Wayne, Detroit, Mich.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Young E. R. & Sons, Titusville, Pa.

2850a— Codeine

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
N. Y. Quinine & Chemical Wks., 114 William, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

2850b— Coffins, Caskets, Etc.

See also Burial Cases & Vaults

Albany Casket Co., Albany, N. Y.
Andrews Isaac W. & Sons, South Woodstock, Me.
Arkansas Coffin Co., South Fort Smith, Ark.
Asbestos Burial Casket Co., Lowville, N. Y.
Ashton Casket Co., Easton, Pa.
Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.
Atlanta Casket Co., Atlanta, Ga.
Atlantic Coffin & Casket Co., Rosehill, N. C.
Aurora Coffin Co., Aurora, Ind.
Baker-Brown Casket Co., Rochester, N. Y.
Bangor Casket Mfg. Co. (Hardwood & Overboxes), Bangor, Pa.
Batesville Casket Co. (Cloth & Hardwood), Batesville, Ind.
Belmont Casket Mfg. Co., Columbus, O.
Boston Burial Case Co., Somerville, Mass.
Boyertown Burial Casket Co. (Wood, Metal Finish & Covered), Boyertown, Pa.
Bristol Coffin & Casket Co., Bristol, Va.
Bristol Mfg. Co., Bristol, Vt.
Broussard Casket & Mfg. Co., New Iberia, La.
Brunswick Furniture Co., Brunswick, Md.
Buckingham N. & Co., Bridgeport, Conn.
Buckstaff Co., Oshkosh, Wis.
Burlington Coffin Co., Burlington, N. C.
Cadillac Casket Co., 360 Wabash, W Detroit, Mich.
California Casket Co., 959 Mission, San Francisco, Cal.
Cambridge City Casket Co. (Cloth Covered), Cambridge City, Ind.
Capital City Casket Co., Sacramento, Cal.
Casket Interment Box Co., 4854 N Clark, Chicago, Ill.
Central Casket Co., Buffalo, N. Y.
Charlotte Casket Co., Charlotte, N. C.
Chattanooga Coffin & Casket Co., (Varnished Coffins & Varnished Cloth Covered Caskets), Chattanooga, Tenn.
Chicago Casket Co. (Metallic, Oak, Mahogany & Cloth Covered), 1106 S Canal, Chicago, Ill.
Cincinnati Coffin Co. (Wood, Metal & Cloth Covered Caskets), Richmond, Carr & Fillmore, Cincinnati, O.
Clark Mfg. Co., 46 Mathewson, Providence, R. I.
Clarksburg Casket Co., Clarksburg, W. Va.
Cleveland Burial Case Co., 2274 St. Clair av, N E, Cleveland, O.
Cleveland Coffin & Casket Co. (Wood), Cleveland, Tenn.
Columbus Coffin Co. (Hard Wood & Cloth Covered Caskets), Columbus, O.
Constantine Casket Co., Constantine, Mich.
Coopersburg Casket Co., Coopersburg, Pa.
Crane & Breed Mfg. Co. (Wood, Cloth & Metallic), 1227 W 8th, Cincinnati, O.
Crawfordsville Casket Co., Crawfordsville, Ind.
Cream City Casket Co., 490 32d, Milwaukee, Wis.
Curtis Jas. C. & Co., 1222 W Van Buren, Chicago, Ill.
Dallas Coffin Co., Dallas, Texas
Dayton Casket Co., Dayton, O.
Decatur Coffin Co., Decatur, Ill.
Des Moines Casket Co. (Cloth Covered, Oak & Mahogany), Des Moines, Ia.
Detroit Casket Co., 185 Congress W, Detroit, Mich.
Drake-Merritt Casket Co., Constantine, Mich.
Dubuque Casket Co., Dubuque, Ia.
Eastern Casket Co., 421 W Camden, Baltimore, Md.
Elmira Casket Co., Elmira, N. Y.
Embalming Burial Case Co., Burlington, Ia.
Erie Burial Case Co., Erie, Pa.
Evansville Coffin Co., Evansville, Ind.
Fergus Casket Works, Fergus Falls, Minn.
Flood Edward F. & Co., 24 Essex, Newark, N. J.
Florence Furniture Co., Florence, Mass.
Franklin Coffin Works, 1326 Sycamore, Cincinnati, O.
Freedom Casket Co., Freedom, Pa.
Gainesville Planing & Coffin Co., Gainesville, Fla.
Gate City Coffin Co., Atlanta, Ga.
Globe Casket Mfg. Co., Kalamazoo, Mich.
Grade Casket Co. (Cloth & Plush Covered), 734 E 17th, Los Angeles, Cal.
Grand Rapids Casket Co., Grand Rapids, Mich.
Hall & Donahue Coffin Co., Knoxville, Tenn.
Harrisburg Burial Case Co. (Caskets), Harrisburg, Pa.
Hartford Burial Case Co., Hartford, Conn.
Hastings Casket Mfg. Co., Hastings, Minn.
Hay & Peabody Casket Co. (Cloth Covered), Woodford's Station, Portland, Me.
Hazleton Mfg. Co. (Oak, Mahogany & Cedar Caskets), Hazleton, Pa.
Hearne Bros. & Co., Whitakers, N. C.
Hill F. H. Co. (Cloth Covered Caskets), 944 Washington blvd, Chicago, Ill.
Hincks Jos. L. S., Oldtown, Me.
Hornthal & Co. (Oak, Mahogany, Chestnut & Cloth Covered Caskets), 1339 S Wabash av, Chicago, Ill.
Huntsville Coffin Co., Huntsville, Ark.
Hutton J. M. & Co., Richmond, Ind.
Illinois Casket Co. (Cloth Covered), 2330 W Van Buren, Chicago, Ill.
Indianapolis Casket Co., 521 W North, Indianapolis, Ind.
Inland Casket Co., Spokane, Wash.
Iowa Coffin Co. (Polished Hardwood & Cloth Covered Caskets), Dubuque, Ia.
Jackson Casket & Mfg. Co., Jackson, Miss.
Janton A. & J., 1410 N 11th, Phila., Pa.
Junction City Mfg. Co., Junction City, Ga.
Kregel Casket Co., 18th & Cass av, St. Louis, Mo.
Leesville Coffin & Casket Co. (Pine & Poplar Coffins & Cloth Covered), Leesville, S. C.
Lena Casket & Supply Co., Lena, Ill.
Lincoln Casket Co. (Hardwood, Metallic & Cloth Covered), Lincoln, Ill.
Lord & Caswell, Skowhegan, Me.
Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.
Lowell Casket Mfg. Co., Lowell, Mass.
Lunenberg Mfg. Co., Lunenberg, Vt.
McNatt Coffin & Casket Co., Vidalia, Ga.
Manger E. C. & Son Co. (Cloth Covered Caskets & Varnished Coffins), Green Bay, Wis.
Marsellus John Casket Co., Syracuse, N. Y.
Mather S. W., 3227 W 25th, Cleveland, O.
Maulsby A. R., Everett, Wash.
Maxton Casket Co., Maxton, N. C.
Memphis Coffin Co., Memphis, Tenn.
Meredith Casket Co., Meredith, N. H.
Michigan Casket Co., 245 Rivard, Detroit, Mich.
Miller T. M. Co., Scranton, Pa.
Milwaukee Casket Co., 54 15th, Milwaukee, Wis.
Minnesota Koll Casket Co., 722 Central av, Minneapolis, Minn.
Moen Casket & Furniture Co., Peterson, Minn.
Monroe Mfg. Co., Webster, N. Y.
Morgan Casket Co. (Bronze, Steel, Hardwood & Cloth Covered), 572 Park av, Brooklyn, N. Y.
Morris Mfg. Co., 10 Cross, Newark, N. J.
Mound Coffin Co., Main & Chambers, St. Louis, Mo.
Muncie Casket Co., Muncie, Ind.
Muskingum Coffin Co. (Cloth, Plush Covered & Finished Wood Caskets), Zanesville, O.
National Casket Co., 7th & Duquesne wy, Pittsburgh, Pa.
National Vault Casket Co. (Cement Reinforced), 2145 Bay, Los Angeles, Cal.
New Castle Casket Co., New Castle, Ind.
New York & Brooklyn Casket Co. (All Kinds), 703 Bedford av, Brooklyn, N. Y.
Northern Casket Co., Fon-du-lac, Wis.
Northwestern Casket Co. (Hardwood Finished, Metal & Cloth Covered), 661 17th av, N E, Minneapolis, Minn.
Nunda Casket Co., Nunda, N. Y.
Ohio Casket Co., Columbus, O.
Ohio Valley Coffin Co., Lawrenceburg, Ind.
Orleans Mfg. Co. (All Kinds), Girod & S. Peter, New Orleans, La.
Owens-Arnold Co., Allegan, Mich.
Owosso Casket Co. (Hardwood Finished & Cloth Covered), Owosso, Mich.
Pacific Casket Co. (Cloth Covered), 715 S Johnson, Los Angeles, Cal.
Pacific States Casket Co., 235 9th, San Francisco, Cal.
Palen's H. W. Sons, Kingston, N. Y.
Paul Casket Co., Cambridge City, Ind.
Peninsular Casket Co., 445 Galster av, Detroit, Mich.
Pennsylvania Burial Case Co. (Cloth Covered & Varnished Oak Caskets), Reynoldsville, Pa.
Pennsylvania Casket Co. (Hardwood), 604 Diamond, Phila., Pa.
Peoria Casket Co., Peoria, Ill.

Perrigo A. B., 3913 Cottage Grove av, Chicago, Ill.
Posy & Sons, Juniper, Ga.
Powers & Walker Casket Co., Grand Rapids, Mich.
Quincy Casket Co., Quincy, Ill.
Rankin Coffin & Casket Co. (Varnished, Cloth Covered), High Point, N. C.
Renshler John D., Findlay, O.
Richmond Casket Co., Richmond, Ind.
Richmond Woodworking Co. (Cloth Caskets), Richmond, Va.
Riddle F. C. & Bro. Casket Co. (Cloth Covered), 1400 Hogan, St. Louis, Mo.
St. Louis Coffin Co. (Cloth, Wood & Metal), 1821 Chouteau av, St. Louis, Mo.
San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.
Sessions F. E. Co. (Cloth & Oak Caskets), Worcester, Mass.
Sims H. C., Richmond, Va.
Sioux City Casket Co. (Hardwood & Covered), Sioux City, Ia.
Southern Casket Co., Louisville, Ky.
Southern Coffin & Casket Co., Maryville, Tenn.
Spokane Casket Co., Spokane, Wash.
Springfield Coffin & Casket Co. (Cloth, Oak & Mahogany), Springfield, O.
Standard Coffin & Casket Mfg. Co. (Covered), 1029 W Chicago av, Chicago, Ill.
Stoll Casket Co., Upper Sandusky, O.
Stolts J. & J. W., 430 E 106th, New York
Sumter Coffin & Casket Mfg. Co., Sumter, S. C.
Sunbury Burial Case Co., Sunbury, Pa.
Sunbury Coffin & Casket Co., Sunbury, Pa.
Tennessee Coffin & Casket Co., Chattanooga, Tenn.
Terre Haute Casket Co., Terre Haute, Ind.
Texarkana Casket Co., Texarkana, Texas.
Texas Coffin Co., Waco, Texas
Thurston Bros., South Union, Me.
Traverse City Casket Co., Traverse City, Mich.
Tri-State Casket Co. (Cloth Covered), Kendallville, Ind.
Turner-White Coffin Co., Winston-Salem, N. C.
U. S. Casket Co. (Cloth Covered), Scottdale, Pa.
Utah Casket Co., Salt Lake City, Utah.
Washington Casket Co. (Cloth Covered), Seattle, Wash.
Watt F. N. Co. (Hardwood & Cloth Covered Caskets), Richmond, Ind.
Weicht H. B., Angola, Ind.
Wellsville Burial Case Co., Wellsville, N. Y.
Western Casket Co. (Cloth Covered), Oakland, Cal.
Wichita Casket Co. (Cloth Covered), Wichita, Kans.
Willamette Casket Co., Tacoma, Wash.
Winona Casket Co. (Cloth Covered), Winona, Minn.
Witherspoon Bros. Co., Sumter, S. C.
Witherspoon Bros. & Co., Magnolia & Houser, Sumter, S. C.
Wolverine Burial Case Co., 680 E. Congress, Detroit, Mich.
Woodland Mfg. Co., George, N. C.

2850c— *Cogging (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2851— Cogs (Mill, Wood)

Bowsher N. P. Co., South Bend, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
Menasha Wood Split Pully Co., Menasha, Wis.
Nordyke & Marmon Co. (For Mortised Gears), Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Thompson Mfg. Co. (For Mortise Gears), Lancaster, N. H.
Woolbert Chas. W., Elmer, N. J.

2852— Coils (Aluminum)

Aluminum Co. of America, 2400 Oliver bldg., Pittsburgh, Pa.
Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Roos Chas. A., 429 E. 91st, New York

2853— Coils (Ammonia)

De La Vergne Machine Co. ("De La Vergne"), 2101H E. 138th, New York
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

2854—Coils (Armature & Field)

See also Armatures

Acme Wire Co. (Field Coils only), New Haven, Conn.
Advance Electric & Mfg. Co., Kansas City, Mo.
Arrow Mfg. Co., 618 Broadway, Toledo, O.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bissell F. Co., Toledo, O.
Boston Armature Works, 77 Washington, Boston, Mass.
Capital Elec. Co., Springfield, Ill.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Chattanooga Armature Works (Frank Steffner, Propt.), Chattanooga, Tenn.
Cleveland Armature Wks., 4736 St. Clair av, Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Electrical Works Co., 247 No. Front, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Consolidated Engineering Co., Jacksonville, Fla.
Dittrick & Jordan Elec. Co., 8700 Lorain av, Cleveland, O.
Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.
Downing-Smith Co., 430 S Green, Chicago, Ill.
Electric Operations Co., 254 36th, Brooklyn, N. Y.
Electromechanical Co., 530 N Calvert, Baltimore, Md.
Elliott Electric Co., 813 Superior, Cleveland, O.
Elliott-Thompson Electric Co., Ajax bldg, Cleveland, O.
Findley Elec. Co., 215 S. 5th, Minneapolis, Minn.
Gee Electric Co., Wheeling, W. Va.
Guyan Machine Shops, Logan, W. Va.
Holden & White, Fisher bldg, Chicago, Ill.
Homer Commutator Co., 4748 Hough av, N E Cleveland, O.
Illinois Electrical Mfg. Co., Peoria, Ill.
Independent Lamp & Wire Co., 1733 B'way, New York
Kester Electric Co., Terre Haute, Ind.
King Coil & Mfg. Co., Schofield bldg, Cleveland, O.
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E. Elec. Co., Wilkes-Barre, Pa.
Oliver Electric & Mfg. Co., 4221 Forest pk, St. Louis, Mo.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Ridlon Frank Co., 251 A, Boston, Mass.
ROEBLING'S JNO. A. SONS CO., Trenton, N. J., & Roebling, N. J.
See adv index at end of book
Stewart S. J., 312 Carondelet, New Orleans, La.
Stimple & Ward Co., 518 Sandusky, Pittsburgh, Pa.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Traction Materials Co., 501 5th av, New York
Wente Electric Co., Hamilton, O.
Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York.
Western Electric Mechanical Co., Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2855— Coils (Choke)

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Electric Service Supplies Co., ("Garton-Daniels" Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Hickey & Schneider, Elizabeth, N. J.
Line Material Co., South Milwaukee, Wis.
Lord Mfg. Co. (Auto, Discharge, Vertical Unit), 105 W 40th, New York
Metropolitan Engrg. Co., 1250 Atlantic av, Brooklyn, N. Y.
Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

2855a— Coils (Condensing)

American Lead Burning Corp., 30 Church, New York
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
See adv index at end of book
Detroit Heating & Lighting Co., Detroit, Mich.
General Ceramics Co., 50 Church, New York
Knight, Maurice A., Akron, O.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Oat Joseph & Sons, 232 Quarry, Phila, Pa.
Roos Chas. A., 429 E. 91st, New York

2856— Coils (Cooling)

American District Steam Co. ("Niagara"), No Tonawanda, N. Y.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
United Lead Co. (Lined or Covered with Tin or Lead), 111 B'way, New York

2857—Coils (Gas Lighting Spark)

Acme Wire Co., New Haven, Conn.
American Electrical Works, Phillipsdale, R. I.
Dow Mfg. Co., Braintree, Mass.
Electric Goods Mfg. Co., Canton, Mass.
Engeln & Co., 1904 Euclid, Cleveland, O.
Hercules Electric Co., Indianapolis, Ind.
Hess & Son ("Holdfast"), 2910 N. 16th, Phila., Pa.
Kokomo Electric Co., Kokomo, Ind.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Coil Co., Lansing, Mich.
Ostrander W. R. & Co., 371 B'way, New York
Schimper, Wm. & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq. W., New York

Coils (Ignition)

See Coils, Spark

2858— Coils (Induction)

Acme Wire Co., New Haven, Conn.
American Electric Co., 6401 So State, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl., New York
Doyle-Dacosta Mfg. Co. (Telephone, Relay & Ringer), Easton, Pa.
Dudlo Mfg. Co. ("Dudlo" Windings), Ft. Wayne, Ind.
Kelley-Koett Mfg. Co., Covington, Ky.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Kokomo Electric Co., Kokomo, Ind.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Electric Mfg. Co., Menominee, Mich.
Pearce Fred'k Co., 20 Rose, New York
Quick Action Ignition Co., South Bend, Ind.
Ritchie E. S. & Sons ("For X-Ray" Apparatus & Wireless Telegraphy), Brookline, Mass.
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.

2858a— Coils (Platinum)

Baker & Co., Inc., 54 Austin, Newark, N.J.
Bishop J. & Co., Platinum Wks., Malvern, Pa.

2859— Coils (Resistance)

American Electrical Works, Phillipsdale, R. I.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Biddle Jas. G., 1211 Arch, Phila., Pa.
Bunnell J. H. & Co., 32 Park pl, New York
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
CUTLER HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Doyle-Dacosta Mfg. Co., Easton, Pa.
Electrical Alloy Co. (Car Heater), Morristown, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
International Brass & Electric Co., 76 Beekman, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Leeds & Northrup Co., Stenton av, 4901 Phila., Pa.
Metropolitan Engineering Co. (Reactance Coils for Generators), 1250 Atlantic av, Brooklyn, N. Y.
Pyrolectric Instrument Co., Trenton, N. J.
Queen-Gray Co., 64H W. Johnson, Phila., Pa.
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.
Ward Leonard Elec. Co., Mt. Vernon, N. Y.
Westburg Engng. Co., 53 W. Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2860— Coils (Spark)

Akar Ignition Co. ("Akar"), 149 W. Berkley, Phila., Pa.
American Electrical Works, Phillipsdale, R. I.
Autocoil Co. ("Jumphlame," "Owners"), 136 7th, Jersey City, N. J.
Bunnell J. H. & Co., 32 Park pl, New York
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Connecticut Telephone & Electric Co. ("Connecticut"), Meriden, Conn.
Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
Dow Mfg. Co., Braintree, Mass.
Doyle-Dacosta Mfg. Co. (Ignition Coils), Easton, Pa.
Dudlo Mfg. Co., Fort Wayne, Ind.
Edison Thomas A., Orange, N. J.
Eisemann Magneto Corp., 32-33rd, Brooklyn, N. Y.
Electric Goods Mfg. Co., Canton, Mass.
Empire Transformer Co., 4642 Ravenwood av, Chicago, Ill.

COILS (SPARK)—continued
Fansteel Products Co. (Gas Engine), 215 N. Michigan av., Chicago, Ill.
Foote, Pierson & Co., 160 Duane, New York
Heinze Electric Co. (For Automobiles), Lowell, Mass.
International Brass & Electric Co. (For X-Ray, Wireless Telegraphy, etc), 76 Beekman, New York
Jefferson Electric Mfg. Co. (For Automobiles), 426 S Green, Chicago, Ill.
Knott L. E. Apparatus Co. (High Frequency), 79 Amherst, Cambridge, Mass.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Lemke Electric Co. (High Tension Jump & Make & Brake), 509 Cedar, Milwaukee, Wis.
MANHATTAN ELECTRICAL SUPPLY Co. (Marine Primary Jump Spark, Edison Type, Gas Lighting), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Mosler A. R. & Co., Woodlawn, N. Y.
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
National Coil Co. ("Capitol"), Lansing, Mich.
New York Coil Co., 338 Pearl, New York
Noxon C. Per Lee, Syracuse, N. Y.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
Pfanstiehl Co. ("X-Ray"), North Chicago, Ill.
Quick Action Ignition Co. ("Quick Action"), South Bend, Ind.
Schug Elec. Mfg. Co., 252 E Larned, Detroit, Mich.
Splitdorf Electrical Co., 98 Warren, Newark, N. J.
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
Titan Engng Co., Union City, Ind.
Voltamp Electric Mfg. Co. (Jump), 407 N Paca, Baltimore, Md.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.
Witherbee Igniter Co. ("Wico"), 1904 B'way, New York

Coils (Stoneware)

See Stoneware, Chemical

2861— Coke (Crushed)

Berger-Aiken Coal Co., H. Oliver bldg, Pittsburgh, Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Smith Facing & Supply Co., 1857 Carter rd, Cleveland, O.

2862— Coke Mfrs.

Adah Coal & Coke Co., Uniontown, Pa.
Algoma Coal & Coke Co., Algoma, W. Va.
Altoona Coal & Coke Co., Altoona, Pa.
Am. Coke Corp., 1607H Oliver bldg, Pittsburgh, Pa.
Arlington Coal & Coke Co., Lynchburg, Va.
Atlantic Coal & Coke Co., Tunnelton, W. Va.
Babcock Coal & Coke Co., Pittsburgh, Pa.
Barnitz Geo. A., York, Pa.
Battle Creek Coal & Coke Co., Orme, Tenn.
Beckley Coal & Coke Co., Macdonald, W. Va.
Berger Aiken Coal Co., H Oliver bldg., Pittsburgh, Pa.
Bixler Coal & Coke Co. (Crushed), Fulton bldg, Pittsburgh, Pa.
Bottom Creek Coal & Coke Co., Vivian, W. Va.
Central Iron & Coal Co., 90 West, New York
Citizens Gas Co., 47 S Penn, Indianapolis, Ind.
Collins Colliery Co., Macdonald, W. Va.
Colonial Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Connellsville Central Coke Co., Empire bldg, Pittsburgh, Pa.
Connellsville Coal & Coke Co., Connellsville, Pa.
Connellsville Mutual Coke Co., Scottdale, Pa.
Consolidated Coke Co., Oliver bldg, Pittsburgh, Pa.
Crozer Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
Crystal Coal & Coke Co., Crystal, W. Va.
Davis Coal & Coke Co. (Foundry, Furnace & Crushed), **Continental bldg, Baltimore, Md.**
Debevoise-Anderson Co. (Dealers), 56 Liberty, New York
Donohue Coke Co., Greensburg, Pa.
Dunn Connellsville Coke Co., Adamsburg, Pa.
Dunn Loop Coal & Coke Co., Macdonald, W. Va.
Durham Coal & Iron Co., Chattanooga, Tenn.
Elk Ridge Coal & Coke Co., Northfolk, W. Va.
Empire Coke Co., Geneva, N. Y.
Fairmont Coal Co. (Foundry, Furnace & Crushed), 14 Wall, New York
Fayette Coke Co., New Salem, Pa.
Fire Creek Coal & Coke Co. (Foundry), Staunton, Va.
Flat-Top Fuel Co. ("Pocahontas" Foundry), Bluefield, W. Va.
Frick H. C. Coke Co., Carnegie bldg, Pittsburgh, Pa.
Gilliam Coal & Coke Co., Lynchburg, Va., & Gilliam, W. Va.
Grafton Coal & Coke Co., Grafton, W. Va.
Hamilton Otto Coke Co., Hamilton, O.
Hanna M. A. & Co., Leader News bldg, Cleveland, O.
Harris-Smith Coal & Coke Co., Uniontown, Pa.
Harvey Coal & Coke Co., Macdonald, W. Va.
Hickman, Williams & Co. (Dealers), Louisville, Ky.
Hillman Coal & Coke Co. (Low Phosphorus Connellsville Blast Furnace Coke, etc), 1st National Bank bldg, Pittsburgh, Pa.
Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
Houston C. B. & Co. (Dealers), Franklin Bank bldg, Phila., Pa.
Houston Coal & Coke Co., Elkhorn, W. Va.
Hustead-Semans Coal & Coke Co., Uniontown, Pa.
Irwin Fuel Co., Latrobe, Pa.
Jamison Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
Keeley Jerome & Co. (Dealers), 421 Chestnut, Phila., Pa
Keister A. L. & Co. (also Coal), Scottdale, Pa.
Keystone Coal & Coke Co., Greensburg, Pa.
Louisville Coal & Coke Co., Goodwill, W. Va.
Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.
Lynchburg Coal & Coke Co., Lynchburg, Va.
McKeefrey & Co., Leetonia, O.
McKinney Steel Co., Perry Payne bldg, Cleveland, O.
Mabscott Coal & Coke Co., Macdonald, W. Va.
Macdonald Colliery Co., Macdonald, W. Va.
Marmet-Halm Coal & Coke Co., Union Trust bldg, Cincinnati, O.
Marshall F. W. & Co., Pennsylvania bldg, Phila., Pa.
Milwaukee Coke & Gas Co. (Foundry & Furnace & Domestic), 425 E. Water, Milwaukee, Wis.
Monessen Coal & Coke Co., Frick bldg, Pittsburgh, Pa.
Mudge Edmund W. & Co., Frick bldg, Pittsburgh, Pa.
National Fuel Co., Oliver bldg, Pittsburgh, Pa.
New Alexandria Coke Co., Greensburg, Pa.
Newcomer Coke Co., Uniontown, Pa.
New England Gas & Coke Co., 111 Devonshire, Boston, Mass.
New York & Phila. Coal & Coke Co., Produce Exchange, New York
Norton Coal Co., Norton, Va.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburgh, Pa.
Orient Coke Co., Uniontown, Pa.
Peerless Coal & Coke Co., Vivian, W. Va.
Penn Coke Co., Uniontown, Pa.
Pittsburgh Coal Co. (of Penn.), Oliver bldg, Pittsburgh, Pa.
Pocahontas Fuel Co., Inc., Pocahontas, Va.
Producers Coke Co., Uniontown, Pa.
Prospect Coal & Coke Co., Searights, Pa.
Rainey W. J. ("Connellsville"), 52 Vanderbilt av, New York
Raleigh Coal & Coke Co., Raleigh, W. Va.
Reliance Coke Co., Frick bldg., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
Roanoke Coal & Coke Co., Worth, W. Va.
Rochester & Pittsburgh Coal & Iron Co., Rochester, N. Y.
Rogers-Brown & Co., 77 Carew bldg, Cincinnati, O.
Semet-Solvay Co., Syracuse, N. Y.
Shenango Furnace Co., Oliver bldg, Pittsburgh, Pa.
Sloss-Sheffield Steel & Iron Co., Birmingham, Ala.
Snyder W. P. & Co., Oliver bldg, Pittsburgh, Pa.
Spokane Gas & Fuel Co. (Gas Coke), Spokane, Wash.
Stauffer Jos. R., Scottsdale, Pa.
Stewart Furnace Co., Rockefeller bldg., Cleveland, O.
Steubenville Coal & Mining Co., Steubenville, O.
Stonega Coke & Coal Co., Stonega, Va.
Struthers Coal & Coke Co., Citizens' bldg, Cleveland, O. Plant & Mine: Fairbank, Pa.
Taylor Coal & Coke Co., 819 Hickox bldg, Cleveland, O.
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
Tidewater Coal & Coke Co., Vivian, W. Va.
Tyler Coal & Coke Co. (Dealers), Land Title bldg, Phila., Pa.
United Iron & Steel Co. (Foundry, etc), Cleveland, O.
U. S. Coal & Coke Co., Carnegie bldg, Pittsburgh, Pa.
Upland Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
Virginia Iron, Coal & Coke Co. (Furnace & Foundry), Roanoke, Va.
Virginia & Pittsburgh Coal & Coke Co., Fairmont, W. Va.
Washington Coal & Coke Co., Dawson, Pa., & Pittsburgh, Pa.
WIEMAN, WILLIAM & CO. (Dealers), Union Arcade bldg., Pittsburgh, Pa.
Winona Gas Light & Coke Co., Winona, Minn.
Yolande Coal & Coke Co. (Foundry, etc), Birmingham, Ala.

2863— Coke (Metallurgical)

Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.

2864—Coke Oven Construction

Koppers Co., The ("Kopper's" By-Product Plants), Union Arcade, Pittsburgh, Pa.
LINK-BELT COMPANY (For Crushing, Screening, Handling, etc.), 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Semet-Solvay Co., Syracuse, N. Y.
Wilputte Coke Oven Corp., 469 5th av, New York

2865— Coke (Petroleum)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
National Refining Co., Rose bldg, Cleveland, O.
Tidewater Oil Co., 11 B'way, New York

2866— Colchicine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

2867— Cold Shuts

American Logging Tool Co., Evart, Mich.
American Mfg. Co., Chattanooga, Tenn.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Dixie Logging Tool Co., Chattanooga, Tenn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book

Cold Storage Plant Construction

See Ice & Refrigerating Machines
Also Engineers, Refrigeration

Collapsible Steel Centering

See Centering, Steel

2868—Collar Supports (Covered Wire)

Sachnoff G. & Co., 138 Mott, New York

2869— Collars (Axle)

American Manufacturers' Supply Co. (Jobbers), 1415 Orleans, Detroit, Mich.
Graham Nut Co., Pittsburgh, Pa.

2870— Collars (Dog)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Fritz Bros., Meriden, Conn.
Graham & Berwin, 107 Lafayette, New York
Libby, Harlow & Co., 250 Devonshire, Boston, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Scheffer & Rossum Co., 104 E. 10th, St. Paul, Minn.
Smith Jas. & Son, 40 Franklin av, Brooklyn, N. Y.
Stevens Walter B. & Son, 107 Chambers, New York
Union Hardware Co., Torrington, Conn.

2871-2— Collars (Horse)

See also Harness, Saddles & Strap Work Mfrs.

ARKANSAS.

LITTLE ROCK—Voss-Hutton Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery & Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333 Market
Johnson F. S. Co., 576 Howard

CONNECTICUT.

HARTFORD—Smith, Worthington Co.

GEORGIA.

ATLANTA—Couch Bros. Mfg. Co, ("Lankford," "Gee Haw," "Samson")
BUFORD—Allen Bona
LAWRENCEVILLE—Allen Mfg. Co. (Cotton)
MACON—Bernd G. Co.

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
EAST ST. LOUIS—Albrecht H. & Co.
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
LINCOLN—Lincoln, Ill. Collar Co. (Cork Faced)
OTTAWA—Bach M. W. & Co.
QUINCY—Schott J. B. Saddlery & Mfg. Co. ("Noxall")
Wolf Mfg. Co.
PEORIA—Case & Kroenlien
ROCKFORD—Hess & Hopkins Leather Co.

INDIANA.

EVANSVILLE—Flickner J. O. & Sons
Indiana Collar Co.
FORT WAYNE—Racine F. L.
INDIANAPOLIS—Indianapolis Saddlery Co., 237 S Meridian
Rehfuss Martin Jr.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C. Co.
CLINTON—Clinton Saddlery Co.
COUNCIL BLUFFS—Keller A. C. Collar Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Des Moines Saddlery Co.
DUBUQUE—Hoffmann Paul
MUSCATINE—Van Nostrand Saddlery Co.
WATERLOO—Powers Mfg. Co. ("Humane")
Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
LAWRENCE—Hermann John

KENTUCKY.

EDDEYVILLE—Kentucky Whip & Collar Co.
LOUISVILLE—Harbison & Gathright
Miller Jno. Saddlery Co.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co.
Whitney & Slop Co., Ltd., 733 Tchoupitoulas

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover

MASSACHUSETTS.

BOSTON—Libby, Harlow & Co., 250 Devonshire
FITCHBURG — Thomson Alex (Steel Hameless)

MICHIGAN.

DETROIT — Navion-Pierson,Hough Co., 158 Congress W
Naylon-Pierson-Hough Co., 532 Congress W.
SAGINAW—Koehler Bros. (Steel)
Morley Bros.

MINNESOTA.

DULUTH—Marshall-Wells Co.
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brockman Co., 15 N 3d
ST. PAUL—Friend Chas. & Son, 243 Jackson.
Scheffer & Rossum Co., 104 E. 10th
WINONA—Minnesota Harness Factory

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Burns P. Saddlery Co., 713 Lucas
Holthaus Saddlery Co., 1449 N 6th
Sickles J. B. Saddlery Co., 2100 Washington
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Saddlery Co.

NEBRASKA.

BLAIR—Blair Horse Collar Co.
LINCOLN—Harpham Bros. Co.
OMAHA—Haney J. H. & Sons.

NEW YORK.

BATH—Bath Harness Co.
BUFFALO—Dorries & Co.
Smith Sons Harness Co.
NEW YORK—Cronin M. F., 369 Pearl
ROCHESTER—Weider John A. (Fire Dept.)
SYRACUSE—Appleby T. H. & Co.
Olmstead Co.
TROY—Curtis Mont G. Co.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

CINCINNATI—Graf-Morsbach Co., Flint & Wade
Grossman & Hooe Saddlery Co., 221 Main
Langenbrunner & Co., 315-17 Hammond
Perkins-Campbell Co., 622 B'way
CLEVELAND—Bellis Wm. L.
COLUMBUS—Sells J. H. & F. A. Co., Chestnut & Pearl
MARIETTA—Strecker Bros. Co.
SIDNEY—Given R. & Son Co.
TOLEDO—Quinn J. E.

OREGON.

PORTLAND—McMonies W. H. & Co.
Sharkey P. & Son, 53 Union

PENNSYLVANIA.

INDIANA—Robinsteen Collar & Leather Co.
PHILADELPHIA—Barry & McAlister, 233 Race
Hansell Wm. S. & Sons, 131 Market
YORK—Beard H. B. & Co.

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
NASHVILLE—Gray & Dudley Hardware Co.
Nashville Saddlery Co.
SHELBYVILLE—Robinson - McGill Mfg. Co.

TEXAS.

DALLAS—Padgitt Bros. Co.
Schollkopf Co.
Tenison Bros. Saddlery Co.
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgitt Tom Co.

UTAH.

SALT LAKE CITY—Salt Lake Hardware Co.

VIRGINIA.

RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.

WASHINGTON.

SEATTLE—Duncan & Sons

WISCONSIN.

EAU CLAIRE—Schwahn-Seyberth Mfg. Co.
GREEN BAY—McIntyre-Burrall Co.
Kress Frank F.
MILWAUKEE—Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

2873— Collars (Pole)

Goodell-Pratt Co., Greenfield, Mass.

2874—Collars (Rubber Swimming)

Tyer Rubber Co., Andover, Mass.

2875— Collars (Safety Set)

Bond Foundry & Machine Co., Manheim, Pa.
Hanson Clutch & Mchy. Co., Tiffin, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

2876— Collars (Shingle Saw)

Biegert J. C. Machine Works, Seattle, Wash.
Southern Saw Works, East Point, Ga.

2877—Collars (Spacing, for Milling Cutters)

Scully, Jones & Co., Railway Exchange bldg, Chicago, Ill.

2878-9— Collars (Split)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co. (Also Solid), Milwaukee, Wis.
Dodge Sales & Engineering Co. (Safety, for Shafting), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Link Chain Co., Williamsport, Pa.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Salem Foundry & Machine Works, Salem, Va.
Shaw Coupling Co. (Also Solid), Syracuse, N. Y.
Standard Pressed Steel Co. (Safety), 20th & Indiana, Phila., Pa.
Webster Mfg. Co., 4500 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Safety Set, also Solid), Chambersburg, Pa.
Yocom Jas. & Son (For Shafting), 145 N 2nd, Phila., Pa.

2880— Collars (Thrust)

Bond Foundry & Machine Co., Manheim, Pa.
Continental Fibre Co., Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

2881—Collars & Cuffs (Celluloid)

Celluloid Co. (Waterproof), 36 Washington pl, New York

2881a—Collars & Cuffs ("Pyralin")

Du Pont E. I. de Nemours & Co., Inc., Pyralin Div., Wilmington, Del.
See adv index at end of book

2881b—*Collars & Cuffs (Waterproof)

DU PONT E. I. DE NEMOURS & CO., INC., Pyralin Div. ("Pyralin" Cleanable Brand, "Challenge" Rubber, "Water Nymph"), Wilmington, Del.
See adv index at end of book

2882— Collets

American Pneumatic Chuck Co (Air Operated), 9 So Clinton, Chicago, Ill.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2883—Collets (Twist Drill, Etc.)

Brown & Sharpe Mfg. Co. (For Gear Cutting, Milling & Screw Machines), Providence, R. I.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co. ("Paragon," for Flat Twist Drills; also for Turet Tool Holders), 1 E 49th, Cleveland, O.
McCrosky Reamer Co. ("Wizard," "Quick Change"), Meadville, Pa.
Modern Tool Co. ("Magic"), 300 State, Erie, Pa. *See adv index at end of book*
Pratt & Whitney Co. (Bit Brace), Hartford, Conn.
Union Twist Drill Co. (Milling Machine & Blank Devices), Athol, Mass.
Waltham Screw Co., Waltham, Mass.
Whitney Mfg. Co. ("Presto" & Friction Tapping), Hartford, Conn.

2884— Collodion

Cooper, Chas. & Co., 194H Worth, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Chemical Products Div., Wilmington, Del.
See adv index at end of book
New York Engravers' Supply (Photographic), 230 W 17th, New York

Color Cards

See Paint Mfrs.' Color Cards

2885—Color Mfrs. & Importers

See also Aniline Colors, Dyes and Dyestuffs

Acme White Lead & Color Works, St. Aubin av & M. C. R. R., Detroit, Mich.
Adler Color & Chemical Works, 100 William, New York
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
American Aniline Products Inc., 80 5th av, New York
Aniline Dyes & Chemicals Inc., 134 Cedar, New York
Ansbacher A. B. & Co. (Dry Colors), 527 5th av, New York
Atlas Co. (Dry), Lincoln, N. J.
Atlas Paint Co. (Dry Colors), Nashville, Tenn.
Ault & Wiborg Co. (Dry Color Mfrs.), Cincinnati, O.
Behrend, F., Inc. (Imptrs.), 170 Front, New York
Bielenberg A. Co., 18-24H Ash, Jersey City, N. J.
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
Binney & Smith Co., 81 Fulton, New York
BINSWANGER, B. & CO., 329 N 3rd, Phila., Pa.
BREDT F. & CO., 240 Water, New York
See adv index at end of book
Briggs John & Co., 45 Purchase, Boston, Mass.
Cambria Paint & Color Co. (Ltd.) (Grinders of Paper & Pulp Colors, Colors in Oil, etc), Johnstown, Pa.
Campbell John & Co., 75 Hudson, New York
Cawley, Clarke & Co. (Pulp & Dry Colors, Chrome Yellow, etc), 278 Passaic, Newark, N. J.
Central Dyestuff & Chemical Co., Newark, N. J.

COLORS MFRS. & IMPORTERS—cont.

Chrystal, Charles B., 13 Cliff, New York
See adv index at end of book
Clinton Metallic Paint Co., Clinton, N. Y.
Commonwealth Color & Chemical Co. (Selling Agent), Nevins, Brooklyn, N. Y.
Cooker & Cooker, 23 Cliff, New York
Corona Chemical Co. (Dry), 218 Lake, Milwaukee, Wis.
Detroit White Lead Works, 560 E Milwaukee av, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dick David & Broadfoot, Inc., 304 B'way, New York
Ditzler Color Co., 20 Baltimore av, W, Detroit, Mich.
Doggett, Stanley (Dry), 11 Cliff, New York
Drakenfeld B. F. & Co., Inc. (Imp., also Glass Colours), 50 Murray, New York
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Paint & Varnish Sec., (Oil Color Mfrs.), Wilmington, Del. *See adv index at end of book*
Dye Products & Chemical Co., Inc., 200 5th av, New York
Eakins, J. S. & W. R. (Dry Colors), 12 Wallabout, Brooklyn, N. Y.
Ehrmann Ludwig, 288 Bowery, New York
Enterprise Paint Mfg. Co., 333 S. Peoria, Chicago, Ill.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

ALEX. C. FERGUSSON JR.
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Fezandie Felix (Importer), 205 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
FOX M. EWING CO. (Dry & Water), 241 E 136th, New York
French Samuel H. Co., 4th & Callowhill, Phila., Pa.
Fry Art Co. (Vitrifiable Colors), Great Neck, Long Island, N. Y.
Fuller, Ralph L. & Co., Inc., (Dry Colors), 81 Fulton, New York
General Commercial Co., Ltd., of U. S. (Imp. of Dry Colors), 295 B'way, New York
Glidden Co. (Dry Colors), Madison av. & Berea rd, Cleveland, O.
Hanover Chemical Works, Inc., 72 Cliff, New York
Harmon Color Works Inc. (For Ink, Paints Q Wall Paper), College Point, L. I., N. Y.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Chicago, Ill.
Heller & Merz Co. (Aniline), 503 Hudson, New York
Herrmann Morris & Co., 200 5th av, New York
Hine Bros., 80 Maiden Lane, New York
Holliday Read & Sons, Ltd., 160 Franklin, New York
Huber Jos. M., 602 62nd, Brooklyn, N. Y.
Illinois Mineral Milling Co., E, St. Louis, Ill.
Imperial Color Wks. Inc. (Dry), Glen Falls, N. Y.
Jaenecke-Ault Co. (Dry & Pulp), Newark, N. J.
Jamaica Dyewood & Chemical Co. (Analine, etc), 50 Church, New York
Johnson Chas. E. & Co., 509 S 10th, Phila., Pa.
Kalle Color & Chemical Co. (Importers), 530 Canal, New York
Katzenbach & Bullock Co., 440 Washington, New York
Kohnstamm H. & Co., 89 Park pl, New York.
Kuttroff, Pickhardt & Co., Inc. (Jobbers), 128 Duane, New York
Lavanburg Fred'k L. (Importer), 100 William, New York
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Longman & Martinez, 54 Maiden la, New York
Lucas John & Co., 322 Race, Phila., Pa.
McNULTY JOSEPH A., (Importers, Red Oxide), 114 Liberty, New York
See adv index at end of book
Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.
Marx Max Color & Chemical Co. (Ink, Paint & Paper), Irvington, N. J.
Mepham Geo. S. & Co. (Colors & Minerals), 20th & Lynch, East St. Louis, Ill.
Miller, Jos. B., Finance bldg, Phila., Pa. 21 Burling Slip, New York
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Mountain Varnish & Color Works, Inc., Toledo, O.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Sales & Trading Co., Cleveland, Ohio
Nice, Eugene E., 268 S. 2nd, Phila., Pa.
Nicol J. M. & J. S. (Pulp Colors), Hawthorne, N. J.
Osborn C. J. Co. (Imported Dry Colors), 132 Nassau, New York
Oxidite Mfg. Co. (Dry), Arlington, Mass.
Patton Paint Co., 213 Lake, Milwaukee, Wis.
Peninsular Paint & Varnish Co., St. Aubin & M. C. R. R., Detroit, Mich.
Pfeiffer Color Co. (Dry), 100 William, New York
Prince Mfg. Co. (Iron Oxides), 165 B'way, New York
Prince's Metallic Paint Co. (Oxide of Iron), Allentown, Pa.
Rector Chemical Co., Inc. (Furdyes), 2 Rector, New York
Reichard-Coulston Co. (Dry Color Imp.), 303 5th av., New York
Sartirius A. & Co. ("Oleo"), 57 Murray, New York.
SCHEEL, WM. H. (Importers, Dry Colors), 159 Maiden la, New York
See adv index at end of book
Senelith Ink Co., Inc. (Dry), 32 Greene, New York
Sherwin-Williams Co., Cleveland, O.
Shoemaker, Robt. & Co., Inc. (Ground in Oil), 4th & Race, Phila., Pa.
Siegle G. Co. (Dry Colors), Rosebank, Borough of Richmond, New York
Siemon & Elting, 99 Nassau, New York
Sinclair & Valentine Co., 611 W 129th, New York
Standard Ultramarine Co. (Ultramarine Blues), Huntington, W. Va.
Toch Bros., 320 5th av, New York
Uhlich Paul & Co. (Dry Colors for all purposes), 11 Cliff, New York
Ulster Paint Works (Dry Colors), Ellenville, N. Y.
United Color & Pigment Co. (Dry & Pulp), Waverly, Newark, N. J.
Valentine & Co., 456 4th av, New York
Waddell R. J. & Co. (Imp. Dry Colors), 52 Beekman, New York
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Watson J. D. & Co., New Brunswick, N. J.
Westmoreland Chemical & Color Co., S E cor. 22nd & Westmoreland, Phila., Pa.
Wilhelm A. Co. (Dry, Pulp & in Oil), Reading, Pa.
Willey C. A. Co. (Dry Colors), Hancock, Long Island City, N. Y.
WILLIAMS C. K. & CO. ("Anchor Brand," Miners & Exporters), Easton, Pa.
See adv index at end of book

C. K. Williams & Co.
EASTON, PA.
The following are a few of the various products we manufacture:
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CLAYS (China) (Bolted)
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COLOR MFRS. & IMPORTERS ("Anchor Brand" Miners and Exporters)
COLORS and FILLERS (Paper Makers)
MORTAR COLOR MFRS.
OCHRES ("Anchor Brand")
OXIDE OF IRON ("Anchor Brand" Dry)
PAINT MFRS. (Dry)
REDS (Venetian) and all Dry Paint Pigments ("Anchor Brand")
TALC (Powdered)
TERRA ALBA UMBER ("Anchor Brand") (Earth and Siennas) (Raw and Burnt)
SOAPSTONE
BARYTES
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Samples and estimates furnished upon application
Plants No. 1-2-3 and 4 at EASTON, also Plants at ALLENTOWN, FLEETWOOD, Pa.; ONTARIO, N. Y.; and MINERAL POINT, Mo.

Wix Chas. & Co., 45 Vesey, New York
Woodhouse Sam'l F., Unity & Franklin, Phila., Pa.
Wood's Henry Sons Co. (Dry Color Mfrs.), Wellesley, Mass.

2886—*Color Matching Outfits

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ullmann Mfg. Co., 338 E 59th, New York

2886a— Colorimeters

Bausch & Lomb Optical Co., Rochester, N. Y.
Daigger A. & Co., 54 W. Kinzie, Chicago, Ill.
Eimer & Amend, 205 3d av, New York
Scientific Utilities Co., Inc., 18 E 16th, New York

2887—Coloring (Incandescent Lamp)

Agens & Co., 219 Market, Newark, N. J.
Arts Electric Co. (Safety Frost Harmless Chemical Preparations), Troy, N. Y.
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Brunner Chemical Works ("Queen"), 217 E 3rd, Cincinnati, O.
Egyptian Lacquer Mfg. Co., 23 Liberty, New York
Franche C. E. & Co. ("Permacolor" "Cefco" "Franco"), 440 Orleans, Chicago, Ill.
McGILL MFG. CO. ("Crescent"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Opal Chemical Co., Kenilworth, N. J. bers), 329 E 5th, New York
Paragon Electric Co. (Frostings, etc., Jobbers, 329 E. 5th, New York
Union Elec. Co., 3721 Grant blvd, Pittsburgh, Pa.
Universal Electric Stage Lighting Co. ("Signaloid," "Kliegl Bros."), 240 W 50th, New York
Waldman, John J., 64 Murray, New York
Webster Chemical Co., St. Paul, Minn.
Williams Guy V Co., Inc. ("Super-Frost" "Wilco Colorine" Coatings for Acid Etching Glass), 686 Eleventh av, New York

2887a— Colors (Acid)

Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Dicks David Co., Inc., Varick & N Moore, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Wetterwald & Pfister Co., 276 Spring, New York

2888— Colors (Alizarine)

American Aniline Products Inc., 80 5th av, New York
Bayer Co., 117 Hudson, New York
Berlin Aniline Works (Imp), 213 Water, New York
Bischoff C. & Co. (Imported), 451 Washington, New York
Dicks David Co., Inc., Varick & No Moore, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Dye Products & Chemical Co., Inc., 200 Fifth ave, New York
Farbwerke-Hoechst Co., 122 Hudson, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Imperial Color Works, Glen Falls, N. Y.
National Aniline & Chemical Co., 21 Burling Slip, New York
Rice Edw. E. & Co. ("E. Ruch & Co." Imported), 620 Atlantic av, Boston, Mass.
Thayer E. M. & Co., 36 Purchase, Boston, Mass.
Wetterwald & Pfister Co., 276 Spring, New York

Colors (Aniline)

See Aniline Colors, Dyes & Dyestuffs

2888a— Colors (Basic)

Am. Aniline Products, Inc., 80 Fifth av, New York
Butterworth-Judson Corp. (Crystal, Violet 6B, Victoria Blue B, Victoria Blue Base, Victoria Blue Crystal), 61 Broadway, New York
See adv index at end of book
Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Dicks David Co., Inc., Varick & N Moore, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Wetterwald & Pfister Co., 276 Spring, New York

2889— Colors (Butter)

Burrell D. H. & Co. ("Hansen's" Danish), Little Falls, N. Y.
Hansen's Chr. Laboratory, Little Falls, N. Y.
Heller & Merz Co. ("Alderney"), 503 Hudson, New York
International Extract & Color Co., Utica, N. Y.
Kohnstramm H. & Co., 89 Park pl, New York
Thatcher Mfg. Co., Elmira, N. Y.

2889a— Colors (Carbon Paper)

McNulty, Joseph A., 114 Liberty, New York *See adv index at end of book*

2889b— Colors (Cement)

Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
McNulty, Joseph A., 114 Liberty, New York *See adv index at end of book*
SPECIAL SERVICE FLOORING CORP., 2039 Grand Central Terminal, New York *See adv index at end of book*
Toch Bros., 320 5th av, New York

2889c— Colors (Ceramic)

Drakenfeld B F & Co., 50 Murray, New York
Hachmeister-Lind Chem. Co., Pittsburgh, Pa.

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HANOVIA CHEMICAL & MANUFACTURING CO. (Lusters), 100 Chestnut, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio
Roessler & Hasslacher Chem. Co., 709 6th av, New York
Stresen-Reuter & Hancock Inc., 122 S Michigan av, Chicago, Ill.

2889d— *Colors (Chrome)

See also Particular Color

Butterworth-Judson Corp., 61 Broadway, New York *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

2890— Colors (Coal Tar)

See Also Coal Tar Products

American Aniline Products Inc., 80 5th av, New York
Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co. (For Textile Trade), Newark, N. J.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hanover Chemical Works, Inc., 72 Cliff, New York

2890a— Colors (Cochineal)

Kohnstamm H. & Co. (No. 40 Carmine), 89 Park pl, New York

2890b— Colors (Confectioners)

Bush W. J. & Co., Inc., 100 William, New York
Henderson Thos. & Co., Inc., 14 Cliff, New York
Kohnstamm H. & Co., 89 Park pl., New York
Nat'l. Aniline & Chem. Co., Inc., 21 Burling slip, New York
Nat'l Gum & Mica Co., 59th & 11th av, New York

2890c— Colors (Direct)

Am. Aniline Products, Inc., 80 Fifth av, New York
Butterworth-Judson Corp. (Blue 2B, Green B, Black G R Ch., Brown M, Violet N, Red F), 61 Broadway, New York *See adv index at end of book*
Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Dicks David Co., Inc., Varick & N Moore, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Monroe Color & Chemical Co., Quincy, Ill.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Peerless Color Co., Bound Brook, N. J.
Wetterwald & Pfister Co., 276 Spring, New York

Colors Dry

See Color Mfrs. & Importers

2890d— Colors (Earth)

McNulty, Joseph A., 114 Liberty, New York *See adv index at end of book*
Uhlich, Paul Co. (Imp.), 11 Cliff, New York

2890e— Colors (Enamel)

Drakenfeld B. F. & Co., 50 Murray, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Stresen-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.

2890f— Colors (Food)

Kohnstamm H. & Co. (Certified), 89 Park pl, New York

2891— Colors (Fresco)

Devoe & Raynolds Co. Inc. ("Florentine" for Fresco & Scene Painting), 101 Fulton, New York
Harmon Color Works Inc., College Point, L. I., N. Y.
Longman & Martinez, 54 Maiden la, New York
Lucas John & Co., 322 Race, Phila., Pa.
Schrader, Whittick & Co., 1318 Clybourne av, Chicago, Ill.
Wadsworth-Howland & Co., 141 Federal, Boston, Mass.

2891a— Colors (Ink)

Ansbacher A. B. & Co., 527 5th av, New York
Central Dyestuff & Chemical Co. (Writing & Printing), Newark, N. J.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Marx Max Color & Chemical Co., Irvington, N. J.
Siegle G. Co., Rosebank, N. Y.

2891b— Colors (Iron Blue)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
United Color & Pigment Co. (Prussian, Milon, Chinese & Bronze), Waverly Newark, N. J.

2891c— Colors (Lake)

Binney & Smith Co., 81 Fulton, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Imperial Color Works, Inc., Glen Falls, N. Y.
Nat'l. Gum & Mica Co., 59th & 11th av, New York
United Color & Pigment Co. (Red, Blue Yellow & Green), Waverly, Newark, N. J.
Waldo E. M. & F., 11 B'way, New York

2891d— Colors (Leather)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
McNULTY, JOSEPH A., 114 Liberty, New York *See adv index at end of book*

2891e— Colors (Linoleum)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
McNulty Joseph A., 114 Liberty, New York *See adv index at end of book*

2891f— Colors (Mineral)

Special Service Flooring Co., 2009 Grand Central Terminal, New York
Waldo E. M. & F. (Selling Agents), 11 B'way, New York

Colors (Oil)

See Color Mfrs. & Importers; also Paints Oil.

2891g— Colors (Paint)

McNULTY JOSEPH A., 114 Liberty, New York *See adv index at end of book*
Nice Eugene E., 268 S 2nd, Phila., Pa.

2891h— Colors (Printing Ink)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Lithopone, Dry Color & Pigments Sec., Wilmington, Del. *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
McNulty Joseph A., 114 Liberty, New York *See adv index at end of book*

2892— Colors (Pulp)

Adler Color & Chemical Works, 100 William, New York
Crescent Color & Chemical Wks (For Wall Paper Mfrs.), 59th & 11th av, New York
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Lithopone, Dry Color & Pigments Sec., Wilmington, Del. *See adv index at end of book*
Harmon Color Works Inc., College Point, L. I., N. Y.
Imperial Color Works, Glens Falls, N. Y.
Jaenecke-Ault Co., Newark, N. J.
Kohnstamm H. & Co., 89 Park pl, New York
Lucas John & Co., 322 Race, Phila., Pa.
Marx Max Color & Chemical Co., Irvington, N. J.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
United Color & Pigment Co., Waverly, Newark, N. J.

2892a—Colors (Rubber Makers)

McNulty Joseph A., 114 Liberty, New York *See adv index at end of book*

2893— Colors (Soap)

Campbell John & Co., 75 Hudson, New York
Central Dyestuff & Chemical Co., Newark, N. J.
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Lueders Geo. & Co. (Imported), 218 Pearl, New York

2893a— Colors (Soluble Oil)

Am. Aniline Products, Inc., 80 Fifth av, New York
Dicks David Co., Inc., Varick & No Moore, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at endof book*

2894— Colors (Steel)

Adler Color & Chemical Works, 100 William, New York
Doggett Stanley, 11 Cliff, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.

2895— Colors (Sulphur)

Alliance Chemical Co., 176 Federal, Boston, Mass.
American Aniline Products Inc., 80 5th av, New York
American Textile Dyestuffs Corp., Belleville, N. J.
Aniline Dyes & Chemicals Inc. (Blacks, Blues, Brown, etc), 134 Cedar, New York
Berlin Aniline Works (Imp.)(Black, Blue, Brown, Green & Yellow), 213 Water, New York
Bischoff C. & Co. (All Colors), 451 Washington, New York
Campbell John & Co., 75 Hudson, New York
Debrook Co., Inc., 15 Park Row, New York
Dicks David Co., Inc., Varick & No Moore, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hine Bros. (Hybro), 80 Maiden Lane, New York
Kuttroff Pickhardt Co., Inc. (Selling Agents), 128 Duane, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
National Aniline & Chemical Co., Inc. (Mfrs.), 21 Burling slip, New York
Sykes Walter F & Co. (Imp.), 8 Lispenard, New York
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.

2895a— Colors (Wood Stain)

Central Dyestuff & Chemical Co., Newark, N. J.
Fergusson Alex. C. Jr. (& Filler), 474 Chestnut, Phila., Pa. *See adv index at end of book*

2896—Colors & Fillers (Paper Makers')

Campbell John & Co., 75 Hudson, New York
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Harmon Color Works Inc., College Point, L. I., N. Y.
Imperial Color Works, Glens Falls, N. Y.
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lucas John & Co., 322 Race, Phila., Pa.
McNULTY JOSEPH A., 114 Liberty, New York *See adv index at end of book*
United Color & Pigment Co., Waverly, Newark, N. J.
WILLIAMS C. K. & CO., Easton, Pa. *See adv index at end of book*

2897— Column Coverings

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
Gypsite Fireproofing Co., Penobscot bldg, Detroit, Mich.
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa. *See adv index at end of book*
U. S. Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

2897a— Columns (Absorbing)

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Buffalo Fdy. & Machine Co., 65 Winchester, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Glamorgan Pipe & Fdry. Co., Lynchburg, Va.
Green Samuel M Co., Springfield, Mass.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Roos Chas. A., 429 E 91st, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

2898— Columns (Cast Iron)

See also Firms in Iron, Architectural & Ornamental Marked with a (*) Star
Beard Foundry & Machine Wks. ("White Way"), Dept. H, Arkansas City, Kans.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Ernst's Chas. F. Sons, Buffalo, N. Y.
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48, Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

2899—Columns (Cast Iron Pipe)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Republic Structural Iron Wks, 1350 E 53d, Cleveland, O.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2900—Columns (Concrete Reinforced)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
KALMAN PAUL J. CO., 22 W Monroe, Chicago, Ill.
Lally Column Co., 4001H Wentworth av, Chicago, Ill.
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
Scranton Iron & Steel Co., Scranton, Pa.
Smith A. L. Iron Wks. ("Smithcrete"), Dept. H, Chelsea, Mass.
Smith F. P. Wire & Iron Works (Spiral), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
U. S. Column Co. ("Lally"), Cambridge, Mass.

2900a— Columns (Distilling)

Badger, E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Detroit Heating & Lighting Co., Detroit, Mich.
Devine J. P. Co., Buffalo, N. Y.
Green Samuel M., Co., Springfield, Mass.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Roos Chas A., 429 E 91st, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

2901— Columns (Fire Proof)

NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Pfaff & Kendall ("Hercules"), 655 Ferry, Newark, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
U. S. Column Co. ("Lally"), Cambridge, Mass.

2902—Columns (Mercury Testing)

Feather N. B. ("Feather"), Hackett, Newark, N. J.
Garrison Brass & Machine Works, 107 W 13th, New York
Heiland Geo. W. ("Beekman"), 107 W 13th, New York

2903— *Columns (Metal)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York

2904—Columns (Porch, Pressed Steel)

Union Metal Mfg. Co. ("Union"), Canton, O.

2905—Columns (Porch & Interior, Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Veneer Column Co. ("Lupos" Veneered), 913 Grand, Brooklyn, N. Y.
Booth Column Co. (Wholesale Mfrs.), Toledo, O.
Bossert Louis & Son (Wholesale Mfrs.), 1335 Grand, Brooklyn, N. Y.
Bryson City Pump Works Co. (Solid Bored Colonial Columns), Bryson City, N. C.
Brockway-Smith Corp., 98 Canal, Boston, Mass.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Iowa
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co., Keokuk, Ia.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Cleveland Column Co. ("Popular"), 1826 Columbus rd, Cleveland, O.
Crandall G. H. Co., Cohoes, N. Y.
Cream City Sash & Door Co. (For the Trade Only), 601 Park, Milwaukee, Wis.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Del' Isle S. G. (Mfrs. Agts.), 337 Carondelet, New Orleans, La.
Detroit Column & Mfg. Co. (Lock Joint), Holden & M C, Detroit, Mich.
Dickey A. & Co. (Piazza, etc., Wholesale), 37 Bristol, Boston, Mass.
Dixon Lumber & Millwork Co., Weldon, N. C.
Doane & Jones Lumber Co. (Perfect Joint), Elmira, N. Y.
Falls City Lbr. & Logging Co., (Of Fir Wood), Northwestern Bank bldg, Portland, Ore.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Fitzgerald-Speer Co. ("Cummins" Steel Bound), Pen Argyl, Pa.
Gauger Jno. A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Grays Harbor Commercial Co., foot of 3rd, San Francisco, Cal.
Wilkinson Allen A. Lumber Co., Indianapolis, Ind.
Hartmann Sanders Co. ("Koll's" Lock Joint), 2155 Elston av, Chicago, Ill.
Holland-Cook Mfg. Co., Tacoma, Wash.
Hyde-Murphy Co., Ridgway, Pa.
Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
Koll A. J., Los Angeles, Cal.
Lawrence, P. M. Co. (Wholesale Mfrs.), Augusta, Me.
Lecoutour Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Morgan Sash & Door Co. (For the Trade Only), 2287 Blue Island av, Chicago, Ill.
National Mill & Lumber Co., 318 Market, San Francisco, Cal.
National Sash & Door Co. (Wholesale Mfrs.), N Dupre Toulouse & in Div. New Orleans, La.
Nelson Lumber & Mfg. Co., 323 Dublin av, Columbus, O.
Nickerson Mfg. Co. ("Nickerson" Double Lock Joint), Knoxville, Tenn.
Ohio Scroll & Lumber Co., Covington, Ky.
Pacific Mutual Door Co., Tacoma, Wash.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co. (Wholesale Mfrs.), Milford, N. H.
Riggs Cypress Co., Ltd. (Wholesale Mfrs.), Patterson, La.
Rittenhouse Bros., Cadiz, O.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
Saco Mfg. Co. ("Colonial"), Saco, Me.
St. Louis Sash & Door Works (For the Trade Only), B'way & Destrehan, St. Louis, Mo.
Sanders Bros. Mfg. Co. (Wholesale Mfrs.), Ottawa, Ill.
Schaefer Louis (Colonial), 1444 W 21st, Chicago, Ill.
Schwerd A. F. Mfg. Co., North Side, 145 McClure, Pittsburgh, Pa.
Seattle Cedar Lumber Mfg. Co., Seattle, Wash.
Somerset Door & Column Co., Somerset, Pa.
Springfield Planing Mill & Construction Co., Springfield, Mo.
STEARNS, A. T., LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Washington Mfg. Co. ("Samson"), Tacoma, Wash.
Huttig Mill Wk. Co., Kansas City, Mo.
Whatcom Falls Mill Co. (Red Cedar for Trade Only), Bellingham, Wash.
Wheeler-Osgood Co. (Fir), Tacoma, Wash.
Zimmerman Chas. E., 204 Burnet av, Syracuse, N. Y.

2906— Columns (Steel Pipe)

American Column Co. (Steel Sewed Stay Locked), Battle Creek, Mich.
Atlas Steel Column Mfg. Co. (Filled with Concrete), 212 N 10th, Brooklyn, N. Y
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
National Tube Co. ("National"), Frick bldg, Pittsburgh, Pa.
U. S. Column Co. ("Lally" Concerte Filled), Cambridge, Mass.

2906a— Comb & Brush Sets

Schimper William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

2907— Combs (Aluminum)

Aluminum Goods Mfg. Co., Manitowac, Wis.
Illinois Pure Aluminum Co., Lemont, Ill.
Union Aluminum Co., Doylestown, O.

2908— Combs (Celluloid)

Bay State Comb Co., Leominster, Mass.
Blodgett B. F. & Co. (Back & Side), Leominster, Mass.
Bolle R. Mfg. Co., 99 Stewart, Providence, R. I.
Celluloid Co., 36 Washington pl, New York
Earl W. D. Co., Leominster, Mass.
Fitchburg Horn Goods Co., Fitchburg, Mass.
Howe Comb Co. (& Novelties), Leominster, Mass.
Kingman E. B. Co., Leominster, Mass.
Leominster Shell Goods Mfg. Co., Leominster, Mass.
Puritan Comb Co., Leominster, Mass.
Royal Comb Co., Leominster, Mass.
Standard Comb Co., Leominster, Mass.
Wagner Comb Mfg. Co., Myrtle av, Brooklyn, N. Y.

2908a— Combs (Hair)

See also Combs, Various Kinds
American Hard Rubber Co., 19 Mercer, New York
The Arlington Works (E. I. du Pont de Nemours & Co.), Wilmington, Del.
Du PONT, E. I. de NEMOURS & CO., INC., Pyralin Div. ("Pyralin" Infants and Side), Wilmington, Del.
See adv index at end of book
Fiberloid Corp. ("Ivory Fiberloid" Dressing & Barbers'), Dept. H. Indian Orchard, Mass.
Walton, Jacob W. Sons, 1615 Ruan, Phila., Pa.

2909— Combs (Hair Drying)

Nicol & Co. ("Queen"), 218 N Jefferson, Chicago, Ill.
Russell Electric Co. ("Hold-Heet" Electric), 140 W. Austin av, Chicago, Ill.

2910— Combs (Horn)

Athol Comb Co., Athol, Mass.
Diadem Mfg. Co., Fitchburg, Mass.
Horn Products Co., Leominster, Mass.
Noyes Comb Co., Binghamton, N. Y.
Wilcox Joseph, Athol, Mass.

2911— Combs (Mane)

Covert Saddlery Works, Interlaken, N. Y.
Rubber & Celluloid Products Co. (Hard Rubber "Albright" Round & Beaded Wire, White Celluloid & "Walker's" Rubber Compound), 56 Ferry, Newark, N. J.
Walton Jacob W. Sons, 1615 Ruan, Phila., Pa.

2912—Comealongs or Wire Pullers

See also Grips, Cable
B-R Electric ("Penna," Tightener), Kansas City, Mo.
Burr Mfg. Co., Whitney Power blk, Cleveland, O.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Eureka Fence Mfg. Co. ("Sedgwick"), Richmond, Ind.
Eureka Co. ("Parallel," "Westfield"), North East, Pa.
Irvington Mfg. Co., Irvington, N. J.
Klein, Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Nagel W. G. Elec. Co., Toledo, O.
Norris Electric Specialties Co., 126 Liberty, New York
Rittenhouse A. F. Co., Honeoye Falls, N. Y.
Sawyer C. L., Miller's Falls, Mass.
Smith & Hemenway Co., Inc., 261 H B'way, New York, & 130 H Colt, Irvington, N. J.
See adv index at end of book
Union Elec. Mfg. Co., Pekin, Ill.
Western Electric Co. ("Buffalo Grip"), 463 West, New York

Commutator Building & Refilling

See Armature Rewinding & Commutator Refilling

Commutator Copper

See Copper for Commutator Bars

Commutator Dressing

See Compounds, Commutator

Commutator Segments

See Bars, Commutator

2913—Commutator Truing Device

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
Jordan Bros., 74 Beekman, New York

2914— Commutators

See also Armatures

Bissell, F., Co. ("Bissell"), 226 Huron, Toledo, Ohio.
Boston Armature Wks., 77 Washington, Boston, Mass.
Cameron Electric Mfg. Co. ("Cameron"), Ansonia, Conn.
Cleveland Armature Wks., 4736 St. Clair av, Cleveland, Ohio
Columbia Machine Works & Malleable Iron Co. (all Types), Atlantic av, and Chestnut, Brooklyn, N. Y.
Columbus Electrical Works Co., 247 North Front, Columbus, O.
Crouse-Hinds Co. (Gas Engine), Syracuse, N. Y.
Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.
Electric Materials Co., North East, Pa.
Eureka Co. (Refilling), North East, Pa.
Forsyth Electric Co., Seattle, Wash.
Gee Electric Co., Wheeling, W. Va.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Hill-Smith Metal Goods Co. ("H. S." for Automobiles), 82 Brookline av, Boston, Mass.
Homer Commutator Co., 4748 Hough av N E, Cleveland, O.
Kendrick-Davis Co. (Mica Insulating, "K.-D."), Lebanon, N. H.
Ridlon Frank Co., 251 A, Boston, Mass.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Toledo Standard Commutator Co., Toledo, Ohio
Traction Materials Co., 501 5th av, New York
Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

2914a— Comparators

Bausch & Lomb Optical Co., Rochester, N. Y.
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Scientific Utilities Co., 18 E 16th, New York
Weston-Electrical Instrument Co., Waverly Park, Newark, N. J.

2914b—Compasses (Aeroplane)

Cummings Ship Instrument Works (Importers), 110 High, Boston, Mass.
Pioneer Instrument Co., 136 Havemeyer, Brooklyn, N. Y.
Sherman Eugene M., Bellevue, Wash.
Sperry Gyroscope Co., 40 Flatbush av Extension, Brooklyn, N. Y.
Taylor Instrument Co., Rochester, N. Y.

2915—Compasses (Blackboard)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Hammett J. L. Co., Kendall sq, Cambridge, Mass. *See adv index at end of book*

2916—Compasses (Carpenters', Etc.)

Athol Mach. & Foundry Co., Athol, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Pfister Wm. H., 230 W 4th, Cincinnati, O.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 64H W. Johnson, Phila., Pa.
Schollhorn Wm. Co., New Haven, Conn.
Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

2916a— Compasses (Saddlers)

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

2917 Compasses (Ship, Etc.)

Benson Electric Co. (Recording), Superior, Wis.
Bliss John & Co., 128 Front, New York
Durkee Chas. D. & Co. (Dry & Liquid), 2 South, New York
Kelvin & Wilfred O. White Co., 112 State, Boston, Mass.
Laughlin Thos. Co. (Dry & Liquid), Portland, Me. *See adv index at end of book*
Marine Compass Co., Bryantville, Mass.
Merrill's R. Sons, 66 South, New York
Nautical Instruments Mfg. Co., Inc., 47 West, New York
Negus T. S. & J. D., 140 Water, New York
Ritchie E. S. & Sons (Liquid Marine), Brookline, Mass.
Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.
Sherman Eugene M., Bellevue, Wash.
Sperry Gyroscope Co. (Gyroscopic Aeroplane, Marching), 49 Flatbush av Extension, Brooklyn, N. Y.
Wilcox, Crittenden & Co., Inc. (Liquid), Middletown, Conn. *See adv index at end of book*
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

2918—Compasses (Surveyors' & Engineers')

Dietzgen Eugene Co. ("Economy" Beam), 166 W Monroe, Chicago, Ill.
Elliott B. K. Co. (Railroad, Surveying, Miners', etc.), 126 6th, Pittsburgh, Pa.
Gurley W. & L. E. (Railroad, Vernier, Plain, Pocket Dip & Needle, etc), Troy, N. Y.
Hand John & Sons Co. (Spirit & Dry), 208 Chestnut, Phila., Pa.
Keuffel & Esser Co. (Also Hunters' Pocket Compasses), Hoboken, N. J.
Marble Arms & Mfg. Co. ("Marble's" Handy for Hunters, etc), Gladstone, Mich.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

2919— *Compensarcs

GENERAL ELECTRIC CO. (For Motion Picture Projection), Schenectady, N. Y. *See adv index at end of book*

2920—*Compensators (Arc Lamp)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2920a—*Compensators (Automatic)

Electric Controller & Mfg. Co., Cleveland, O. *See adv index at end of book*

2921— Compensators (Gas)

Isbell-Porter Co., 46 Bridge, Newark, N. J.

2921a—*Compensators (Motor Starting)

General Electric Co., Schenectady, N. Y. *See adv index at end of book*

2922— Compositions (Buffing)

See Tripoli; also Rouge

American Tripoli Co. ("Tripoli Flour"), Seneca, Mo.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bennett & Seeley, Inc., Bridgeport, Conn.
Burns E. Reed (Tripoli, Crocus Rouge, "Star" White Metal), 27 Jackson, B'klyn, N. Y.
Day S. A. Mfg. Co. ("Crescent X X" White Finish), 1483 Niagara, Buffalo, N. Y.
Egyptian Lacquer Mfg. Co., 23 Liberty, New York
General Platers' Supply Co. (crocus, tripoli, rouge), 489-493 Broome, New York
Hanson & Van Winkle Co. ("Acme"), 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
HILL & GRIFFITH CO. (White Finish, "Tripoli"), 1248 State av, Cincinnati, O.; Birmingham, Ala.; Chicago, Ill. *See adv index at end of book*
Lyman John R. Co. (Rouge), Springfield, Mass.
Matchless Metal Polish Co. ("White Diamond" for All Metals, Hard Rubber, etc.), 151 Varick, New York
Munning A. P. & Co., Matawan, N. J.
New York Buff Co., 202 Centre, New York
Oriental Rouge Co. (Rouge), Bridgeport, Conn.
Rhodes Jas. H. & Co. (Glass Polishing Rouge, etc.), 2810 S Albany, Chicago, Ill.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Union Polish Co., 80 Barclay, New York
U. S. Chemical Co. ("U. S." Brand, White Finish), 3621 Lakeside av, N E, Cleveland, O.
Wiarda John C. & Co. (Rouge, Tripoli Composition, etc), 273 Greene, Brooklyn, New York

2922a—Compositions (Cold Moulded)

Boonton Rubber Co., Boonton, N. J.
General Insulate Co., Springfield, Mass.
Waterbury Button Corporation, 831 South Main, Waterbury, Conn. *See adv index at end of book*

2922b—Compositions (Hand Moulded)

Auburn Button Co., Auburn, N. Y.
Scranton Button Co., Scranton, Pa.
Waterbury Button Corporation, 831 South Main, Waterbury, Conn. *See adv index at end of book*

2922c—Compound (For Greaseproofing & Waterproofing Paper)

Nash Engineering Co. ("Xyloform"), So Norwalk, Conn.

2923—Compound Tables (Drilling Machine)

Hoefer Mfg. Co., Freeport, Ill.
Rockford Machine Tool Co., Rockford, Ill.

2924—Compounds (Acid Tank Lining)

Ohmlac Paint & Refining Co. ("Ohmlac"), 140 S. Dearborn, Chicago, Ill.
Universal Coatings Corp. ("Maritimo"), 104 Broad, New York.
Universal Coatings Corp., 44 Pearl, New York

2925—Compounds (Anti-Freezing)

Northwestern Chemical Co. ("Thermite," "Twelve-Twenty"), Marietta, O.

Compounds (Boiler)

See Boiler Compounds

2926— Compounds (Brazing)

See also Compounds, Welding

A. & J. Mfg. Co. ("Braziron," for Cast Iron), 559 W Lake, Chicago, Ill.
American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
Anti-Borax Compound Co. ("E-Z"), Ft. Wayne, Ind.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Dixon Joseph Crucible Co., Jersey City, N. J.
Ferrofix Brazing Co., 225 S 24th, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Krembs & Co. ("Fluxine"), 173 N Green, Chicago, Ill.
National Rubber Specialties Co. ("High Pressure"), Cincinnati, O.
Oldham New York Saw Wks. Inc. ("Oldham"), 112 26th, Brooklyn, N. Y.
Phillips-Laffitte Co. ("Laffitte," "Unifonte"), Penna. bldg., Phila., Pa.
Standard Brazing Co., 45 Bromfield, Boston, Mass.
Standard Mfg. Co., 318 S Canal, Chicago, Ill.
Tip-It, Inc., 120 B'way, New York
Universal Fluxine Co. ("Universal Fluxine Acme"), Urbana, O.

Compounds (Buffing)

See Compositions, Buffing

2927— Compounds (Cable)

Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 18 Vesey, New York
Standard Paint Co. ("S. P. C."), 238 Broadway, New York

2928—Compounds (Car Cleaning)

Becker Chemical Co., 19 Main, Cincinnati, O.
Cleanola Co., Fulton bldg, Pittsburgh, Pa.
Idealo Co., Bourse bldg., Phila., Pa.
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
India Alkali Works ("The Savogran"), 28 India Wharf, Boston, Mass.
Modoc Co. ("Perfectol" Car, Locomotive & Signal Blade, Cleaner & Renovator), Fernwood, Phila., Pa.

2929—Compounds (Case Hardening & Tempering)

American Compound Co., 469 Atlantic av, Boston, Mass.
Bell & Gossett Co. ("Caseite," "Carbon" and "Case-Hardo"), 609 W. 30th, Chicago, Ill.
Bennett Metal Treating Co., Elmwood, Conn.
Blaich Alfred O. Co., 1954 Clybourn av, Chicago, Ill.
Buchanan Thos Co. (The), 29 W. 3rd, Cincinnati, Ohio. *See adv index at end of book*

CASE-HARDO

The Ideal Quick Case-Hardening Agent

Hardens quicker, cleaner and deeper than others and without poisonous fumes, which cause contention and danger in shops. CASE-HARDO can be used by your present method, and demands no change to be made in your shop.

Write for prices and information to

THE THOS. BUCHANAN CO.
29 West Third Street
CINCINNATI, OHIO
SOLE MANUFACTURERS

Case Hardening Service Co. ("Homogen"), 2279 Scranton rd, Cleveland, O.
Climax Refining Co., Williamson bldg, Cleveland, O.
European Color & Chemical Co., Hoboken, N. J.
Hafleigh & Co., Cambria & N American, Phila., Pa.
Harshaw Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio

COMPOUNDS (CASE HARDENING & TEMPERING)—continued

Houghton E. F. & Co. ("Houghton's" Case Hardening, Hydro-Carbonated Bone Black for Tempering, "Houghton's" Tempering Oil, 240 W. Somerset, Phila., Pa.
Ideal Case Hardening Compound Co., 27 Thames, New York
Kasenit Co.—Case-Hardening Compounds ("Kasenit"), 11 Water, New York
Mosso C. A., 2253 Warren av, Chicago, Ill.
Park Chemical Co., 35 Lovett, Detroit, Mich.
Phillips Laffitte Co. ("Laffitte"), Penna. bldg, Phila., Pa.
Rogers & Hubbard Co. ("Black Diamond," "Portland" & "Standard" Granulated Raw Bone), Middletown, Conn.
SHORE INSTRUMENT & MFG. CO. (THE) ("Localcase" Selective Hardening Process), Jamaica, N. Y.
Springfield Facing Co. ("Bohnite"), Springfield, Mass.
See adv index at end of book

BOHNITE
CASE HARDENING
COMPOUND
CASE HARDENING SERVICE CO.
2279 Scranton Road, Cleveland, Ohio
SPRINGFIELD FACING CO.
315 Main Street, Springfield, Mass.

Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*

2929a—*Compounds (Clay)

Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

2930— Compounds (Cleaning)

Am. Chemical Paint Co., 1118 So. 11th, Phila., Pa.
Anderson Spec. Co. ("Klean-A-Brush" for Cleaning Old Paint Brushes), 6 E. Lake, Chicago, Ill.
Babbitt B. T. Inc. ("Babbitt's Cleanser"), 15 W 34th, New York
Ball Chemical Co. ("Cleanola" Car and Locomotive), Fulton bldg, Pittsburgh, Pa.
Blue Seal Chemical Co. (Pipe), 424 Broome, New York
Boyle C. A. & Co. (Enamel), 643 Washington Blvd, Chicago, Ill.
Coleman Allan, J. ("C. C. C." Closet), 208 Wabash av, Chicago, Ill.
Cooper Sanitary Mfg. Co. ("3= C" Water Closet Bowl), 34th and Chestnut, Phila., Pa.
Corol Co. (Auto Radiator), 127 N. Dearborn, Chicago, Ill.
Cudahy Packing Co. ("Old Dutch Cleanser"), 111 W Monroe, Chicago, Ill.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Fitzpatrick Bros. ("Klenzer" Compounds for Floors), 1319 W 32d pl, Chicago, Ill.
Ford J. B. Co. ("Wyandotte Detergent" Abrasive Powder for Cleaning, Scouring & Mopping), Wyandotte, Mich.
General Platers Supply Co., 489-493 Broome, N. Y. City
Green Oil Soap Co., 166 N. Curtis, Chicago, Ill.
Hygienic Products Co. (Enamel Cleaner), 233 B'way, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio.
India Alkali Works ("Marblica," "Savogran" Powders), 28 India wharf, Boston, Mass.
Ind. Chemical & Mfg. Co. (Type-Cleaning), 135 S East, Indianapolis, Ind.
Modoc Co., Fernwood, Pa.
Nacto Cleaner Corp. ("Nacto" Fabric), 2171 Madison av, New York
Parsons J. H. Chemical Co. ("Scoot"), 122 S Michigan av, Chicago, Ill.
Standard Chemical & Supply Co. ("Davis Brown" For Gas Meters), 172 2d, East Cambridge, Mass.
White & Bagley Co., Worcester, Mass.

2931—Compounds (Clutch or Brake)

Armiger Chemical Co. ("Rex" Anti-Slip Brake Wafers), 2155 Austin av, Chicago, Ill.
Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.

2932—Compounds (Commutator)

Acheson Graphite Co., Niagara Falls, N. Y.
Allen L. B. Co. ("Allen"), 4519 N Lincoln, Chicago, Ill.
Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Dixon Joseph Crucible Co. (Graphite), Jersey City, N. J.
Doe Walter S., Kent, O.
Dyno Utilities Mfg. Co., 608 S Dearborn, Chicago, Ill.
Early Edw. E. Co. ("Early's" Cement), Canton, O.
Fowler G. W. & Co., N Tonawanda, N. Y.
Goldmark Jas. Co. ("Trotters"), 83 Warren, New York
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Hart & Co. ("Red Cross"), Fostoria, O.
National Refining Co., Rose bldg, Cleveland, O.
Ohio Grease ("Ohio"), Loudonville, O.
Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.
Triad Co., Allenhurst, N. J.
Troy Electrical Co. ("E. G. B."), Troy, N. Y.
Walsh J. F., Pittsfield, Mass.
Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2933-4— Compounds (Core)

See also Compounds, Parting

American Gum Products Co. ("Goulac"), 200 5th av, New York
Bennett & Seeley, Inc. ("Bensee"), 823 Railroad av, Bridgeport, Conn.
Bent James S. ("Coreoleum"), 117 First, South Boston, Mass.
Black Products Co. ("Black Diamond"), 135th & Calumet, Chicago, Ill.
Buckeye Products Co. ("Lincs"), Cincinnati, O.
Cataract Refining & Mfg. Co., Buffalo, N. Y.
Crawford Specialty Mfg. Co., Blackstone bldg, Cleveland, O.
Delevan Mfg. Co. ("Stewart" Liquid), 65 Delevan, Brooklyn, N. Y.
Federal Foundry Supply Co. ("Federal" Dry), 2639 E 79th, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Field Alfred & Co. ("Wax-Wire"), 93 Chambers, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio.
Heltzel Steel Form & Iron Co., Warren, O.
Hill-Brunner Foundry Supply Co. ("Hills"), 637 Evans, Cincinnati, Ohio
Jaeger Machine Co., 520 Dublin av, Columbus, Ohio.
Keystone Foundry Supply Co. ("Lion"), Buffalo, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo.
Mills H. E. Mfg. Co. ("Mills"), Syracuse, N. Y.
Obermayer S. Co. ("Kantbebeat" & "Esco" Dry), 2563 W 18th, Chicago, Ill.
Pettinos Chas. E., 25 Church, New York
Pure Carbon Co. ("Grapho"), Wellsville, N. Y.
Robeson Process Co. ("Glutrin"), 18 E 41st, New York
Smith Facing & Supply Co. ("C. F. M.," "Ingot," "Roll," "Velvet Blacking," Core Wash), 1857 Carter rd, Cleveland, O.
Springfield Facing Co. ("Springfield"), Springfield, Mass.
See adv index at end of book
Sterling Oil Co. ("Sterling" Core Oil), Emlenton, Pa.
Stevens Frederic B. ("King-Kore"), 3d & Larned, Detroit, Mich.
See adv index at end of book
Swan & Finch Co., 165 Broadway, New York
United Compound Co. ("Buffalo" Vent Wax), 228 Elk, Buffalo, N. Y.
United States Graphite Co., Saginaw, Mich.
Woodison E. J. Co. ("Quality"), 1621 St. Aubin, Detroit, Mich.

2935—Compounds (Cutting & Drilling)

See also Compounds, Drilling; also Oils, Cutting & Polishing

A. L. A. Mfg. & Supply Co., 72 Trinity pl, New York
Acheson Oildag Co. ("Aquadag"), Niagara Falls, N. Y.
Advance Oil Co. ("Velvet"), Oil City, Pa.
American Oil Corp. ("No. 124 Mineralized Lard Oil"), Jackson, Mich.
Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.
Cataract Refining & Mfg. Co. ("Mystic Acme"), Buffalo, N. Y.
Climax Refining Co. ("Bull Dog," "Perfection"), Williamson bldg, Cleveland, O.
Damascus Mfg. Co. ("Speeds"), Cassius av, Cleveland, O.
Farr Mfg. Co. ("Lubricool"), N Tonawanda, N. Y.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fiske Bros. Refining Co. (Cutting), 24 State, New York.
Green Oil Soap Co. (Green Oil Soap), 166 N Curtis, Chicago, Ill.
Houghton E. F. & Co. ("Solcut"), 240 W. Somerset, Philadelphia, Pa.
Interstate Chemical Co., 657 Garfield Ave., Jersey City, N. J.
Lewis Drilling Compound Co., Sauquoit, N. Y.
Middle States Oil Co. ("Perfection"), 848 B. of L. E. bldg, Cleveland, O.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Paragon Refining Co., Toledo, O.
Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.
Phoenix Oil Co. ("Keep Kool"), 2554 W 5th, Cleveland, O.
Racine Tool & Machine Co. ("Peerless," also Soluble Oil Cutting Compound), Racine, Wis.
Richards G. Whitfield ("Lub-Well"), 1732 Carlton, Phila., Pa.
Sibley Soap Co., Franklin, Pa.
Sullivan Oil Co. ("Sullivan's" Economic), 413 Wells, Chicago, Ill.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Ulco Oil Co., 65 Hale, Detroit, Mich.
Warren G. Black Oil Co., Century Bldg, Cleveland, O.
Wayne Soap Co., Copeland & M. C. R. R., Detroit, Mich.
White & Bagley Co. ("Economy"), Worcester, Mass.

Compounds (Damp Resisting)

See Waterproofing Materials

2935a— Compounds (Drawing)

Fancourt W. F. & Co., Inc., 5168 Delaware av, Phila., Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Moore Oil Co., York & McLean av, Cincinnati, O.
Natl Oil Products Co., Harrison, N. J.
Oakley Chemical Co., 22 Thames, New York
Swan & Finch Co. ("Efficiency," "Perfection," "Viscosity," "Drakret," "Catac"), 165 Broadway, New York
Texas Company, 17 Battery pl., New York.
See adv index at end of book

Compounds (Dust Laying)

See Road Binders & Preservatives

2936—Compounds (Electric Cable)

Dielectric Mfg. Co. ("Dielectric" for Pot heads, etc), 224 S Vandeventer av, St. Louis, Mo.
Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 18 Vesey, New York
Ohmlac Paint & Refining Co. ("Ohmlac"), 140 S Dearborn, Chicago, Ill.

Compounds (Filler, Iron & Steel)

See Cement, Iron & Steel Filler

2937—Compounds (Fireproofing)

Insulating Co., Inc., 190 Culver av, Jersey City, N. J.
Price Fire & Water-Proofing Co. ("Price" for All Kinds of Fabrics & Inflammable Materials), Poughkeepsie, N. Y.

2938— Compounds (Gear)

Ohio Filler & Shield Co. (Motor Gear Shield), 522 City av, Columbus, O.
TEXAS COMPANY (Crater Thuban), 17 Battery pl, New York
See adv index at end of book

Compounds (Grinding)

See Compounds, Valve Grinding

2939—Compounds (Impregnating)

Am. Synthite Co., 30 Church, New York
Condensite Co., of Am. Bloomfield, N. J.
Dolph Mfg. Corp., 95 Liberty, New York
Dielectric Mfg. Co., 224 S Vandewater, St. Louis, Mo.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Mitchell Rand Mfg. Co., 18 Vesey, New York
Packard Elec. Co. Dana av, Warren, Ohio
Redman Chemical Products Co., 643 W 22nd, Chicago, Ill.
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Schenectady Varnish Co., Schenectady, N. Y.
Sherwin-Williams Co. ("Ajax"), Cleveland, Ohio
Standard Varnish Wks, 90 West, New York
Standard Paint Co., 233 B'way, New York
Voltax Co., Bridgeport, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2940—Compounds (Insulating)

See also Paints, Insulating; also Varnishes, Insulating

American Mica Co. ("A-M-C"), Newton Lower Falls, Mass.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Bissell F. Co., Toledo, O.
Candy & Co. ("Faultless"), 403 N Paulina, Chicago, Ill.
Celite Products Co. (and Materials), 11 B'way, New York
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Condensite Co. of America, Bloomfield, N. J.
Consumers' Rubber Co. ("Red Black," 'Samson" Gum Rubber), 829 Superior av, Cleveland, O.
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Doggett Stanley, 11 Cliff, New York

Dolph John C. Co. (Vacuum Impregnating), 178 Emmett, Newark, N. J.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Elec Material Co. ("Velvapara"), 618 W Jackson blvd, Chicago, Ill.
General Bakelite Co. ("Bakelite"), 2 Rector, New York
General Electric Co., Schenectady, N. Y.
See adv index at end of book
General Insulating & Mfg. Co., Central National Bank bldg, St. Louis, Mo.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Insulatine Co., 1 B'way, New York
Insulating Materials Co., 805H Wesson av, Detroit, Mich.
Insulation Co. Inc. (Electrical), ("Dorrite"), 190 Culver av, Jersey City, N. J.
Irvington Varnish & Insulator Co. ("Irvington"), Irvington, N. Y.
Johns-Manville Inc. ("Vulcabestos" & "Electrobestos"), Madison av & 41st, New York
Johns-Pratt Co. The, ("Vulcabeston," "Moulded Mica," "J. P. Bakelite," moulded in special shapes and moulded with or without inserts), Hartford, Conn.
Lamson John S. & Bros., 347 Madison av, New York
McGILL MFG. CO. ("Crescent," "Chatterton"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Mica Insulator Co. ("M. I. C."), 68 Church, New York
Minerallac Electric Co. ("Minerallac"), 1045 Washington blvd, Chicago, Ill.
Mitchell-Rand Mfg. Co. ("B-S"), 18 Vesey, New York
National India Rubber Co., Bristol, R. I.
Okonite Co., Passaic, N. J.
Pettingell-Andrews Co. ("O K"), 166 Pearl, Boston, Mass.
Protexol Corporation, 41 Barclay, New York
Smith Edw. & Co. (Baked Coating), 127 West ave, Long Island City, N. Y.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Paint Co. ("P & B"), 233 Broadway, New York
Standard Underground Cable Co. ("Ozite"), Westinghouse bldg, Pittsburgh, Pa.
Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
Standard Wax & Import Co., 95 William, New York
Sterling Varnish Co., Fulton bldg., Pittsburgh, Pa.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Trotter E. T. & Co., 602 Johnson av, Brooklyn, N. Y.
Waterbury Button Corporation (Electrical), 831 So Main, Waterbury, Conn.
See adv index at end of book
Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.
Western Electric Co. ("W. E. Pothead"), 403 West, New York.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Compounds (Lamp Coloring & Frosting)

See Coloring, Incandescent Lamp

2940a—Compounds (Luminous)

Am. Luminous Products Co. (Self-Luminous & Calcium Sulphide), Huntington Park, Cal.
Cold Light Mfg. Co. (Dial Illuminator), 558 W 158th, New York
Radium Chemical Co. ("Luma"), Forbes & Meyran av, Pittsburgh, Pa.
Radium Dial Co., Forbes & Meyran avs, Pittsburgh, Pa.
Radium Illuminous Material Corp, 55 Liberty, New York
Radium Ltd., U. S. A., 2 W 45th, New York

2941—Compounds (Metallic Journal Bearing)

Duluth Brass Works Co. ("Randolph's"), Duluth, Minn.

2941a— Compounds (Molding)

Condensite Co. of America, Bloomfield, N. J.
General Bakelite Co., 2 Rector, N. Y.
Redmanol Chemical Products Co., 636 W 22nd, Chicago, Ill.

2942—Compounds (Motor Chain)

Acheson Graphite Co., Niagara Falls, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Texas Company, 17 Battery pl, New York
See adv index at end of book
United States Graphite Co., Saginaw, Mich.

2943— Compounds (Parting)

See also Compounds, Core

Bennett & Seeley, Inc. ("Bensee"), Bridgeport, Conn. *See adv index at end of book*
Black Products Co., 135th & Calumet, Chicago, Ill.
Buckeye Products Co. ("Buckeye"), Cincinnati, O.
Doggett Stanley ("Doggett's Perfection"), 11 Cliff, New York
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Foundry Specialty Co. ("Partine"), Cincinnati, O.
Hill-Brunner Foundry Supply Co. ("Partwell"), 637 Evans, Cincinnati, Ohio
HILL & GRIFFITH CO. ("Faultless"), 1248 State av, Cincinnati, O., & Birmingham, Ala.; Chicago, Ill.
See adv index at end of book
Keystone Foundry Supply Co. ("Niagara," "Mohawk"), Buffalo, N. Y.
McCormick J. S. Co., 25th & A V R R, Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Nat'l Bk bldg, St. Louis, Mo.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Smith Facing & Supply Co., 1857 Carter rd, Cleveland, O.
Sterling Oil Co., Emlenton, Pa.
Swan & Finch Co., 165 Broadway, New York
Wedron Silica Co. ("Lacko"), Ottawa, Ill.
Woodison E. J. Co. ("Quality"), 1621 St. Aubin, Detroit, Mich.

2943a— Compounds (Pickling)

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio.
Research Mfg. Co. ("Edis"), Oak Lane Sta., Pa.

2944—Compounds (Pipe Joint)

See also Cements, Pipe Joint

Acheson Graphite Co., Niagara Falls, N. Y.
Arlington Mfg. Co., Canton, O.
Boetliger Christ, 2316 Peach, Erie, Pa.
Buffalo Oil & Compound Co., Buffalo, N. Y.
Chester Graphite Co. ("Hexagon" Graphite), Chester Springs, Pa.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Dixon Joseph Crucible Co., Jersey City, N. J.
Edgecombe Co. ("Red Cross"), Cuyahoga Falls, O.
Glauber M. & Co., 103 Varick, New York
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Johns-Manville Inc. ("H-O"), Madison av & 41st, New York
King Walter E. Co. ("King"), 115 W 3d, Cincinnati, O.
Leadite Co. ("Leadite"), Land Title bldg, Phila., Pa.
Leak Cure Metal Cement Co., 89 Fulton, New York
Marbleoid Co. ("Jointite"), 47 W 34th, New York
National Steam Spec. Co. ("National B"), 16 S Clinton, Chicago, Ill.
Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.
Standard Paint Co. ("S. P. C."), 233 B'way, New York
Thread-Tight Co. ("Thread Tight"), 288 Bowery, New York
United States Graphite Co., Saginaw, Mich.
WILLIAMS & WELLS CO., 253 Fulton, New York *See adv index at end of book*
Wolverine Brass Works, Grand Rapids, Mich.

2945—Compounds (Platers' & Polishers')

See also Composition, Buffing

Bennett & Seeley Inc. ("Bensee"), 823 Railroad av, Bridgeport, Conn.
Buchanan Thos. Co., The 29 W 3rd, Cincinnati Ohio
See adv index at end of book
Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
General Platers Supply Co. ("Snow Flake" "Victor White"), 489-493 Broome, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, Ohio
Munning A. P. & Co., Mattawan, N. J.
Northwestern Chemical Co., Marietta, O.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Royal Chemical Co. ("Royal" for Cleaning Metals, etc), Phenix, R. I.
Standard Chemical & Supply Co. ("Boston"), 177 2nd, East Cambridge, Mass.
Swan & Finch Co., 165 B'way, New York
Union Polish Co., 80 Barclay, New York

Compounds (Pothead)

See Compounds, Cable

Compounds (Rope)

See Dressing, Rope

2946—Compounds (Rust Proofing)

Am. Chemical Paint Co. ("Deoxyldyte" Chemicals for Pickling), 1118 S 11th, Phila., Pa. *See adv index at end of book*
Compound Specialty Co. ("Never Rust" for Tools, Typewriters, Bicycles, Knives, Shears, Lawn Mowers, etc), 156 West av, Long Island City, N. Y.
Parker Dust Proof Co. of Am., 623 E. Milwaukee, Detroit, Mich.
Polygon Products Co. (Dissolver), 141 Milk, Boston, Mass.

2947—Compounds (Sewer Joint)

Atlas Co., Lincoln, N. J.
Lamson John S. & Bro., 347 Madison av, New York
Merritt Hydraulics Co. ("G-K" Compound), 110 N Broad, Phila., Pa.
Standard Paint Co. ("S. P. C."), 233 B'way, New York

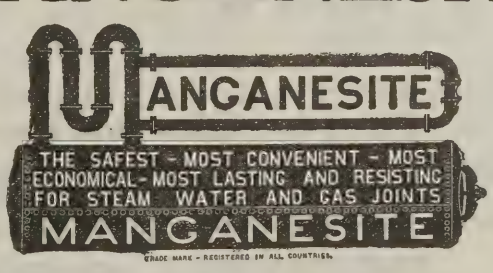
2947a— Compounds (Sizing)

Arabol Mfg. Co., 100 William, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

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Nat'l Oil Products Co., Harrison, N. J.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Sizing Specialties Co. Inc., Jersey City, N. J.

2948— Compounds (Splicing)

Dunton W. W. Co. ("4"), 150 Niagara, Providence, R. I.
Johns-Manville Inc. ("J M Alpha" Rubber), Madison av & 41st, New York

2949— Compounds (Spraying)

California Exterminating Co., Inc. (Theater Spray), 121 Manhattan, New York
Interstate Chemical Co. ("Key Brand"), 657 Garfield av, Jersey City, N. J.
Pratt B. G. Co. ("Scalecide," a Petroleum Oil Soap), 50 Church, New York
Rickes, River & Co., 30 Church, New York

2950—Compounds (Sweeping)

Alcatraz Co. Inc. ("Ko-Ko-No Dust"), 3200 Williamsburg av, Richmond, Va.
Anti-Dust Chemical Co. ("Anti-Dust"), Denver, Colo.
California Exterminating Co. Inc., 121 Manhattan, New York
Carpenter W. D. Co., Syracuse, N. Y.
Cedar-Sweep Co. ("Cedar-Sweep," "Nomoredust"), Los Angeles, Cal.
Chemical Supply Co., 2450 Canal rd, Cleveland, O.
Cleveland Dustout Co., 2100 E 55th, Cleveland, O.
Climax-Western Oil Co. ("No More Dust") 2824 10th av, S Minneapolis, Minn.
Continental Mfg. Co. ("Dustoline"), Indianapolis, Ind.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Cotto Waxo Co., 1308 N Main, St. Louis, Mo.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Day Bergwall Co. ("Anti-Dust"), 289 E Water, Milwaukee, Wis.
Dolge C. B. Co., Westport, Conn.
Fitch Dustdown Co. ("Dustdown"), 1028-36 W Front, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hearn H. B. Co., Inc., 101 S Frederick, Baltimore, Md.
Herne J. F. Co. ("Dust Doom"), Sanford, Boston, Mass.
Hoag Duster Co. ("Iowa"), Monticello, Ia.
Industrial Laboratries Inc., Ft. Smith, Ark.
Jewel Mfg. Co. ("Jewel"), 2863 W 22d, Chicago, Ill.
Kildust Co., Rome, Ga.
Masury-Young Co. ("Nodusto"), 196 Milk, Boston, Mass.
Morgans' Enoch Sons Co. ("Sapolio"), 439H West, New York
National Dust Down Co. ("No-Dust-O"), 102 N 1st, Brooklyn, N. Y.
Nicholas L. V. Oil Co., Omaha, Neb.
Peabody Anti-Dust Co. ("Anti-Dust"), Peabody, Mass.
Pioneer Mfg. Co. ("Wehes"), 3053H E. 87th, Cleveland, O.
Pure Oil Co., 1st & 13th av S, Minneapolis, Minn.
Saniform Co., 141 W 36th, New York
Smith E. A. Hamilton, Ohio
Standard Chemical Co. ("Cedar-Waxine," "Cedar-Fluff"), Houston, Tex.
State Oil Co., Lincoln, Neb.
U. S. Chemical Co., Greenville, Ohio
Velvetta Mfg. Co. ("Dustine"), 142 N 4th, Philadelphia, Pa.
West Disinfecting Co. ("Sweepine," "Camphene"), 411 Fifth av, New York

2950a—Compounds (Tar Removing)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Chemical Products Div. ("Pontoklene"), Wilmington, Del.
See adv index at end of book

Compounds (Tempering)

See Compounds, Case Hardening & Tempering

2951—Compounds (Valve Grinding)

Acme Compound Mfg. Co., 102 N 5th av, Chicago, Ill.
Auto Equipment Co., East Orange, N. J.
Carborundum Company, Niagara Falls, N. Y.
Clover Mfg. Co., Norwalk, Conn.
Durkee Atwood Co. ("Rie Nie"), 40 Wilden, Minneapolis, Minn.
Gray Specialty Co. ("Gray's"), 148 Avon av, Newark, N. J.
Hall-Thompson Co. ("Wonder Worker" & "Quick Kut"), Hartford, Conn.
Hammett H. G. ("Trojan"), Troy, N. Y.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Lightning Mfg. Co. ("Lightning"), Cornish Flat, N. H.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Motor Car Equipment Co. ("P. D. Q."), 19 W 62d, New York
Northwestern Chemical Co. ("Pioneer," "Norwesco"), Marietta, Ohio.
Norton Co. ("Norton"), Worcester, Mass.
S. B. R. Specialty Co. ("Rapidcut"), East Orange, N. J.
Swan & Finch Co. ("Bison"), 165 Broadway, New York
White & Bagley Co. ("Economy"), Worcester, Mass.
Worcester Abrasive Co. ("Pep"), Worcester, Mass.

2952— Compounds (Welding)

See also Compounds, Brazing

Anti-Borax Compound Co. ("E-Z," "Crescent"), Fort Wayne, Ind.
Buchanan C. S. Chemical Co., Flex, 4650 Baker av, Cincinnati, Ohio
Carbo-Hydrogen Co. of America, Benedum Trees bldg., Pittsburgh, Pa.
Century Tool & Metal Co. ("Delmas"), 180 N Market, Chicago, Ill.
Corliss Mfg. & Supply Co. (Jobbers), 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Anchor," "Banner" & "Excelsior"), Cortland, N. Y.
Cortland Welding Compound Co. ("Climax" & "Borax-Ettee"), Cortland, N. Y.
Doxey N. D. ("Anchor"), Elmira, N. Y.
McLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Morey Flux & Chemical Co. ("Morey"), Parkesburg, Pa.
National Carbon Co. (Paste), Madison av N. W. & W. 117th, Cleveland, Ohio
Perfection Welding Compound Co. ("Perfection"), Scranton, Pa.
Phillips-Laffitte Co. ("Laffitte"), Penna bldg., Philadelphia, Pa.
So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 B'way, New York
Tip-It, Inc., 120 B'way, New York
Weldum Products Co., Indianapolis, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), Pittsburgh, Pa.
See adv index at end of book

2953—Compressors (Acetylene)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Norwalk Iron Works Co. ("Norwalk"), South Norwalk, Conn.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2954— Compressors (Air)

ALABAMA.

BIRMINGHAM—Chicago Pneumatic Tool Co., 1925 N. 5th av
See adv index at end of book
Hardie-Tynes Mfg. Co.
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss Gas Engine & Steam Driven), American Trust bldg
See adv index at end of book

ALASKA.

JUNEAU — INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Oil Engine Driven Turbo Blowers & Compressors)
See adv index at end of book

CALIFORNIA.

LOS ANGELES—Chicago Pneumatic Tool Co., 307 E. 3rd
See adv index at end of book
Ingersoll-Rand Co. (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engines & Oil Engine Driven, Turbo Blowers & Compressors), Union Oil bldg
See adv index at end of book
Kimball F. J. Co., Inc., 1860 E 15th
Rix Compressed Air & Drill Co., 409 E 3rd
SAN FRANCISCO — CHICAGO PNEUMATIC TOOL CO., 175 First
See adv index at end of book
Clot E. Machine Works, 940 Bryant
Compressed Air Power Co., 110 Jessie
Fairbanks, Morse & Co., 651 Mission
General Machinery & Supply Co., Stevenson
INGERSOLL-RAND CO. (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), 139 Townsend
See adv index at end of book
National Brake & Electric Co., Pacific bldg
Oliver Continuous Filter Co. ("Oliver"), 503 Market
RIX COMPRESSED AIR & DRILL CO., 505 Howard
Sullivan Machinery Co., Hobart bldg
Westinghouse Pacific Coast Brake Co., 65 Market
Witt G. E. Co. (Belt Driven for Low Pressure Heating Plants), 862 Howard

COLORADO.

DENVER—Jackson Compressor Co. (Rotary), 235H S Cherokee av
Stearns-Roger Mfg. Co.
LITTLETON—Leyner J. Geo. Engineering Works Co. ("Leyner" Belt, Steam, Electric, Water Power, etc)

CONNECTICUT.

HARTFORD—Hartford Machine Screw Co. ("Master" Electric Driven)
NEW HAVEN—New Haven Sand Blast Co.
SOUTH NORWALK—Nash Engineering Co. (Hydro-Turbine)
Norwalk Iron Works Co. ("Norwalk" Air & Gas Compressors)

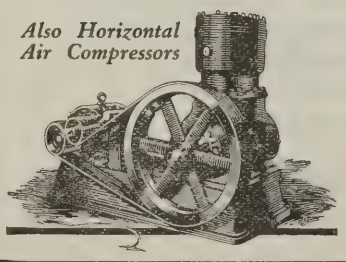
ILLINOIS.

CHICAGO—Chicago Pneumatic Tool Co., 300 N. Michigan av
See adv index at end of book
Economy Pumping Machy. Co. (Electric Driven), 122 Center
Erwin & Co. (For Garages, filing stations, etc.), 3736 Cottage Grove av

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Ingersoll-Rand Air Lift Pumping Systems, "Return-Air" and Displacement Pumps, Air Lift Boosters—for pumping water and oil wells, unwatering mines, elevating corrosive liquids, pumping gritty mixtures and semi-fluid substances.

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air and steam types with capacities up to five tons.

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for all depths to 4000 feet. Steam, gasoline, horse or hand power machines.

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will tamp any kind of ballast on any sort of steam or electric road. The tamping tools are pneumatically driven. Compressor cars are either gasoline engine or electric motor driven. Gasoline driven types are self-propelled. Can also be adapted to cutting asphalt and breaking up concrete pavement.

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Independent - Pneumatic Tool Co., 600 W. Jackson blvd
Janette Mfg. Co., 617 W Jackson blvd
Kroeschell Bros. Ice Machine Co., 472 W Erie
Luther Frederick P. Co., (Belt, Gasoline Engine, Hydraulic, Motor & Steam Driven High & Low Pressure), 14 E Jackson blvd
MACHINERY SALES CO., 327 S La Salle *See adv index at end of book*
Paaschke Air Brush Co., 1249 W Washington blvd
Ryerson Joseph T. & Son, 2558 W 16th *See adv index at end of book*
Shaw Willis (New & Second Hand), 80 E Jackson blvd
Sullivan Machinery Co. ("Sullivan"), Peoples Gas bldg.
Victor Electric Co., 236 S Robey
Wilson Machy. Co., 301 N W 35th
YEOMANS BROS. CO., 1436 Dayton *See adv index at end of book*
Zin-ho Mfg. Co. (Portable), 1323 S Michigan av
QUINCY—GARDNER GOVERNOR CO., (Belt & Motor Driven & Steam Actuated), 23 Williamson

INDIANA.

GOSHEN—Hoosier Motor Co. (Up to 5½)
Midwest Engine Co. (Gasoline Driven)
RICHMOND—Spacke F. W. Machine Co. (Small)
Richmond Standard Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington

KENTUCKY.

LOUISVILLE—Vogt Bros. Mfg. Co.

LOUISIANA.

NEW ORLEANS—Chicago Pneumatic Tool Co., 853 Carondelet *See adv index at end of book*

MARYLAND.

BALTIMORE — American Compressor & Pump Co., 801 E Pratt
Black & Decker Mfg. Co., 111 S Calvert
HAGERSTOWN—Pangborn Corp.

MASSACHUSETTS.

BOSTON—CHICAGO PNEUMATIC TOOL CO., 185 Pleasant *See adv index at end of book*
INGERSOLL-SERGEANT DRILL CO. (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 32 Oliver *See adv index at end of book*
Jager Chas. J. Co. ("Mason-Jaeger"), 15 Custom House
Kinney Mfg. Co. (Belt, Chain & Gasoline Engine Driven), 3541 Washington
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath
CAMBRIDGE—Dyar Supply Co. ("Dyar" Portable), 66 B'way *See adv index at end of book*
MALDEN—International Engineering Co., 42 Exchange

MICHIGAN.

BATTLE CREEK—American Steam Pump Co. (Steam & Power)
Globe Mfg. Co. ("Dead Easy")
Union Steam Pump Co. ("Burnham") ("Union")
DETROIT—CHICAGO PNEUMATIC TOOL CO., 2nd av & Amsterdam *See adv index at end of book*
Great Lakes Engineering Works (Vertical Compound High Duty), Real Estate Exchange bldg
Superior Machine & Engineering Co. ("Yale"), 51 E Fort
LANSING—Gifford Engine Co. ("Gifford" Motor & Belt Driven)
Novo Engine Co.

MINNESOTA.

DULUTH—**INGERSOLL-RAND CO.** (of New York City) (Steam Belt, Electric Corliss, Gas Engine & Steam Driven) *See adv index at end of book*
MINNEAPOLIS—Chicago Pneumatic Tool Co., 5th av & 5th, So. *See adv index at end of book*

MISSOURI.

JOPLIN—Chicago Pneumatic Tool Co., 308 Wall *See adv index at end of book*
KANSAS CITY—Faultless Engine Co., 1511 Cypress av
United Iron Wks.

ST. LOUIS — CHICAGO PNEUMATIC TOOL CO., 819 Hempstead *See adv index at end of book*
Curtis & Co. Mfg. Co. (Water Cooled & Air Cooled, Automatic Vertical Type, Belt & Electric Driven, Stationary or Portable), 1571 Kienlen av
Fulton Iron Wks. Co. *See adv index at end of book*
General Compressed Air & Vacuum Mchy Co.
INGERSOLL-RAND DRILL CO. (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Drive, Turbo Blowers & Compressors), 300 N Broadway
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs
Vapor Valve Co.
Zelnicker, Walter A. Supply Co. (Dealer) 325 Locust *See adv index at end of book*

MONTANA.

BUTTE—INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), 109 E Broadway *See adv index at end of book*

NEBRASKA.

OMAHA—Sunderland Machinery & Supply Co.

NEW JERSEY.

EAST TRENTON—De Laval Steam Turbine Co. (Turbine Driven) *See adv index at end of book*
NEWARK—Eclipse Air Brush Co. (Small), 79 Orange
Motor-Compresser Co., 52 Dickerson
De Laval Steam Turbine Co. (Turbine Driven)

NEW YORK.

BUFFALO—BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av *See adv index at end of book*
CHICAGO PNEUMATIC TOOL CO., Ellicott Sq. bldg. *See adv index at end of book*

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—American Air Compressor Works ("Fairhurst"), 26 Cortlandt, New York
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av *See adv index at end of book*
Foster Pump Works, 37 Bridge
Guild & Garrison, 457 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbe Paul O., 924 Johnston bldg. *See adv index at end of book*
Abbe Engineering Co., 50G Church *See adv index at end of book*
BEACH-RUSS CO., 50G Church *See adv index at end of book*
Blethen Hugh R., 21 Park Row
CHICAGO PNEUMATIC TOOL CO., 6 E 44th. *See adv index at end of book*
Clayton Air Compressor Wks., 115 B'way
Davidson M. T. Co., 154 Nassau
Eureka Pneumatic Spray Co., 62 9th av
Hoisting Engine Sales Co., Grand Central Terminal
INGERSOLL-RAND CO. (Steam, Belt, Electric, Corliss, Gas Engine, Gasoline Engine, Oil Engine & Steam Driven, Portable, Air Pumping, Turbo Blowers & Compressors), 11 B'way *See adv index at end of book*
Krajewski-Pesant Co., 50 Broad
Plant Engineering & Equipment Co., 192H B'way
Oliver Continuous Filter Co. ("Oliver") 299 Madison av
Rateau Battu Smoot Co., 90 West
Sorensen C. M. Co., Inc. (For Medical Use), ("Tankless"), 177 E 87th
WORTHINGTON PUMP & MACHY. CORP., 115 B'way *See adv index at end of book*

(End of New York City)

ROCHESTER—Ritter Dental Mfg. Co. ("Ritter" Automatic)
SCHENECTADY—General Electric Co. (Electric) *See adv index at end of book*
TROY—Hobart Bros Co.
UTICA—Brunner Mfg. Co. ("Brunner"; Also Air Compressor Fittings)

OHIO.

CINCINNATI—Chicago Pneumatic Tool Co., Pearl & Vine *See adv index at end of book*
Johnston Wm. T. Co., 3d & Vine
Lane & Bodley Co., Tennessee av & Paddock rd
INGERSOLL-RAND CO. (of New Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Williamson bldg *See adv index at end of book*
United States Air Compressor Co., Carnegie av, Cleveland, O.
CLEVELAND—Chicago Pneumatic Tool Co., 109 St. Clair av, N. E. *See adv index at end of book*
U. S. Air Compressor Co., Harvard av
COLUMBUS—Weinman Pump Mfg. Co. (Small), 300 Spruce
DAYTON—Lucas-Miner Tool & Production Co., 427 Valley
HAMILTON—Hooven, Owens, Rentschler Co. *See adv index at end of book*
Reid J A Co., Inc. (The), 1500 Miami Chapel
SALEM—**DEMING CO** *See adv index at end of book*
TOLEDO—A. F. S. Machine Co., 531 S St. Clair
UPPER SANDUSKY — National Steam Pump Co. ("National")
WILMINGTON—Auto Compressor Co.

PENNSYLVANIA.

ALLENTOWN—**TRAYLOR ENGINEERING & MFG. CO.** *See adv index at end of book*
BRADFORD—Caldwell E. R. & Co. (Air Cooled)
Combination Engine & Compresser Co.
CHAMBERSBURG—Chambersburg Foundry & Machine Co.
CHESTER—Wetherhill R. & Co.
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
EASTON—Penna. Pump & Compressor Wks., Dept. H
ERIE—Bury Compressor Co. (Steam, Belt & Electrically Driven)
Chicago Pneumatic Tool Co., 12th & Cranberry *See adv index at end of book*
Pennsylvania Pneumatic Co.
FRANKLIN—Chicago Pneumatic Tool Co., 6 13th *See adv index at end of book*
MECHANICSBURG—Comstock Geo. S. & Son ("Comstock," Belted & Motor Driven, 3 to 90 Cubic Feet)
PHILADELPHIA — CHICAGO PNEUMATIC TOOL CO., 1742 Market
Cox & Sons Co., 5th & Chestnut
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Commercial Trust bldg *See adv index at end of book*
Lebran Co.
Schramm Chris. D. & Son, Inc. (Single Acting, Single Stage & Single Cylinder), 709 Arch
Schutte & Koerting Co. (Steam Jet), 1251 N. 12th *See adv index at end of book*
Smith, Drum & Co., Allegheny av & 5th
Southwark Foundry & Machine Co. ("Southwark-Harris"), 430 Washington av
PITTSBURGH — American Electric Air Pump Co.
CHICAGO PNEUMATIC TOOL CO., 12 Wood *See adv index at end of book*
COLONIAL SUPPLY CO., 217 Water *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston,
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), Farmer's Bank bldg *See adv index at end of book*
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

AIR COMPRESSORS

Gas Engine, Steam Engine or Motor Driven

Equipped with Mesta Automatic Plate Valves (Iversen Patent)

(Write for Bulletin N)

MESTA MACHINE COMPANY

Pittsburgh, Pa., U. S. A.

Tranter Mfg. Co., 105 Water
WESTINGHOUSE AIR BRAKE CO. (Steam)
WESTINGHOUSE TRACTION BRAKE CO. (Belt, Gas, Gasoline, Motor or Steam)
Wilson-Snyder Mfg. Co., 2 Ross

SCRANTON—Allis-Chalmers Co. ("Reynolds" Belted Steam, etc)
INGERSOLL-RAND CO. (of New York City), (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), Dime Savings Bank bldg
See adv index at end of book
WARREN—Warren Machine Products Co. (Hand)

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.

TEXAS.

EL PASO—Chicago Pneumatic Tool Co., 303 San Francisco
See adv index at end of book
INGERSOLL-RAND CO. (of Texas), (of New York City), (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 121 San Francisco
See adv index at end of book
HOUSTON—Chicago Pneumatic Tool Co., 407 Carter bldg
See adv index at end of book

UTAH.

SALT LAKE CITY—Chicago Pneumatic Tool Co., 117 W 2nd
See adv index at end of book

VERMONT.

WESTMINSTER STATION—Abenaque Machine Works (Gas & Gasoline Driven, Portable or Wheels)

VIRGINIA.

RICHMOND—Chicago Pneumatic Tool Co., 1004 Mutual bldg
See adv index at end of book

WASHINGTON.

SEATTLE—**CHICAGO PNEUMATIC TOOL CO.,** 119 Jackson
See adv index at end of book
INGERSOLL-RAND CO. (of New York) (Steam, Belt, Electric, Corliss, Gasoline, Oil Engine & Steam Driven Turbo Blowers & Compressors), Colman bldg
See adv index at end of book
Nat'l Engng. & Equipment Co. ("Hydraulic")

WISCONSIN.

MILWAUKEE—Allis-Chalmers Mfg. Co. ("Reynolds," Belted, Steam, Hydraulic & Electric)
Filer & Stowell Co. (850 cu ft & Larger)
National Brake & Electric Co. ("National") ft Belleview pl
Nordberg Mfg. Co. (Oxygen & Hydrogen), Chicago & Oklahoma av

2955—Compressors (Air, Portable)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Abenaque Machine Works (Gasoline), Westminster Station, Vt.
Allis-Chalmers Mfg. Co. ("Reynolds," Motor Driven), Milwaukee, Wis.
Chambersburg Foundry & Machine Co., Chambersburg, Pa.
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Dyar Supply Co., 66 B'way, Cambridge, Mass. *See adv index at end of book*



GARDNER GOVERNOR CO., 23 Williamson, Quincy, Ill.
See adv index at end of book
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
International Engineering Co. (Equipment), 42 Exchange, Malden, Mass.
Motor-Compressor Co., 52 Dickerson, Newark, N. J.
National Brake & Electric Co., ft Belleview pl, Milwaukee, Wis.
Penna. Pump & Compressor Co., Easton, Pa.
Schramm Chris D. & Son, Inc., Dept. H, West Chester, Pa.
Sullivan Machinery Co. (Mounted on a Truck & Driven by Gasoline Engine), People's Gas bldg, Chicago, Ill.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
U. S. Air Compressor Co., Harvard av, Cleveland, Ohio
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

2956—Compressors (Ammonia)

Arctic Ice Machine Co., Canton, O.
Bouchard Jno. & Sons Co., Nashville, Tenn
Creamery Package Mfg. Co. ("Creamery Package"), 61 W. Kinzie, Chicago, Ill.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
De La Vergne Machine Co. ("De La Vergne"), 2101H E 138th, New York
Great Lakes Engineering Works, Real Estate Exch. bldg, Detroit, Mich.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Triumph Elec. Co. (Vertical, Single Acting, Enclosed Horizontal, Heavy Duty, Double Acting), H Oakley, Cincinnati, Ohio
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2956a—*Compressors (Carbonic Acid Gas)

Norwalk Iron Works Co. ("Norwalk"), South Norwalk, Conn.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2957—Compressors (Centrifugal)

De Laval Steam Turbine Co. (Turbine & Motor Driven), East Trenton, N. J.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*

2957a—Compressors (Chlorine)

Hercules Engineering Corp., 501 Fifth av, New York

2958— *Compressors (Corliss)

Hooven, Owens, Rentschler Co., Hamilton, O. *See adv index at end of book*
INGERSOLL-RAND CO. (Steam Driven), 11 B'way, New York
See adv index at end of book

2959—Compressors (Corn Shock)

Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Tie Co., Unadilla, N. Y.

2959a—*Compressors (Diesel Auxiliaries)

RIX COMPRESSED AIR & DRILL CO., 505 Howard, San Francisco, Calif., & 409 E 3rd, Los Angeles, Calif.

2959b—Compressors (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book

2960— Compressors (Garage)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
RIX COMPRESSED AIR & DRILL CO., 505 Howard, San Francisco, Calif., & 409 E 3rd, Los Angeles, Calif.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2961— Compressors (Gas)

Abenaque Machine Works ("Abenaque" Portable on Wheels), Westminster Station, Vt.
American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.
Blaisdell Machinery Co., Bradford, Pa.
Bury Compressor Co. (Gas & Gasoline), Erie, Pa.
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Clark Brothers Co., Olean, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Hooven, Owens, Rentschler Co., Hamilton, O.
See adv index at end of book
INGERSOLL-RAND CO. (Gas Engine Driven), 11 B'way, New York
See adv index at end of book
Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
Lane & Bodley Co. (& Air), Tennessee av & Paddock rd, Cincinnati, O.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Nash Engineering Co., South Norwalk, Conn.
National Brake & Electric Co., ft Belleview pl, Milwaukee, Wis.
Nordberg Mfg. Co. (Steam or Diesel Engine Driven), Chicago & Oklahoma av, Milwaukee, Wis.
Norwalk Iron Works Co. (Acetylene, Hydrogen & Oxygen), South Norwalk, Conn.
Penna. Pump & Compressor Co., Easton, Pa.
Selas Co., 521 W 23d, New York
Spang & Co., Butler, Pa.
Wilcox, Crittenden & Co., Inc. ("Gray's" Burned Gas), Middletown, Conn.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP. (For Acetylene, Carbonic Acid, Coal, Natural and Oxygen Gas), 115 B'way, New York
See adv index at end of book
Young E. R. & Sons, Titusville, Pa.

2962—Compressors (Gasoline)

Abenaque Machine Works (Portable on Truck), Westminster Station, Vt.
Bury Compressor Co., Erie, Pa.
Chambersburg Foundry & Machine Co., Chambersburg, Pa.
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Midwest Engine Co. (Gasoline Driven), Indianapolis, Ind.
Penna. Pump & Compressor Co., Easton, Pa.

2963—*Compressors (Gasoline Extraction)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.

2964—Compressors (Hydraulic, for Web or T Rails, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

2965—Compressors (Hydro - Turbine)

Nash Engineering Co., So Norwalk, Conn.

2966—*Compressors (Low Pressure)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

2967—*Compressors (Mine Car)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

2968—Compressors (Motor Driven)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.
Sullivan Machinery Co. (On Mine Truck, etc), People's Gas bldg, Chicago, Ill.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

2969—*Compressors (Oil Engine Driven)

Ingersoll-Rand Co., 11 B'way New York
See adv index at end of book

2970—Compressors (Oxygen & Hydrogen Gas)

Busch J. C. Co. (For Welding Plants), 140 Ferry, Milwaukee, Wis.
ELECTROLABS CO., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book
Norwalk Iron Works Co. ("Norwalk"), South Norwalk, Conn.
Penna. Pump & Compressor Co., Easton, Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2971—Compressors (Spraying)

Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 23 Wiliamson, Quincy, Ill. *See adv index at end of book*

2971a—Compressors (Sulphur Dioxide)

Hercules Engineering Corp., 501 Fifth av, New York

2971b—*Compressors (Three Cylinder, Two Stage, Variable Volume, Motor Driven)

Bury Compressor Co., Erie, Pa.

2972— *Compressors (Turbo)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Spencer Turbine Co., Hartford, Conn.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

2973—Compressors (Water Jet, Air)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

Comptometers

See Adding Machines

2974— Concentrates

Hardy Chas., Inc. (Broker), Park Row bldg., New York

2975— Concentrators

American Zinc, Lead & Smelting Co. (Lead & Zinc), 120 B'way, New York
International Minerals & Metals Corp., 61H Broadway, New York
United Iron Works Inc., Kansas City, Mo.

2975a— Concentrators (Acid)

Am. Lead Burning Corp. (Sulphuric), 30 Church, New York
Bethlehem Fdy & Machine Co. (Sulphuric), Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chemical Construction Co. ("Chemco" For Sulphuric & Phosphate Acid), Charlotte, N. C.
Duriron Castings Co., Dayton, O.
General Ceramics Co., 50 Church, New York
Kalbperry Corp., 31 Union sq, New York
Knight, Maurice A., Akron, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Thermal Syndicate, Ltd., 50 E. 41st, New York

2975b—Concentrators (Alcohol, Crude)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*

2976—Concentrators (Ammonia)

Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Michigan Ammonia Works, ft Meldrum av, Detroit, Mich.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

2976a—Concentrators (Magnetic)

DING'S MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis.
See adv index at end of book

2977— Concentrators (Ore)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Buchanan C. G. Co., 90 West, New York
Bunting Iron Wks., H First Nat. Bk. bldg, San Francisco, Cal.
Butchart W. A., Mercantile bldg., Denver, Colo.
Colorado Iron Works Co. ("Simplex," "A. & E."), Denver, Colo.
Deister Concentrator Co. ("Deister" & 'Deister Overstrom"), Fort Wayne, Ind.
Deister Machine Co., Fort Wayne, Ind.
Denver Engineering Works Co., Denver, Colo.
Dwight & Lloyd Sintering Co. (For Roasting & Sintering Ores), 29 B'way, New York
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Huff Electrostatic Separator Co. ("Huff," Electrostatic), 60 India, Boston, Mass.
International Concentrator Co. (Dry), 149 B'way, New York
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Llewellyn Iron Works ("New Standard"), Los Angeles, Cal.
McFarlane-Eggers Machy. Co. ("Bumper"), Denver, Colo.
Mashek Engineering Co., 90 West, New York
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. ("Wilfley"), 42 B'way, New York
Moyle E. H. Engineering & Equipment Co. ("Moyle" Portable), 508-9 E 9th, Los Angeles, Cal.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Salt Lake Engng. Works, Salt Lake City, Utah
SINTERING MACHINERY CORP (For Roasting and Sintering Ores), Netcong, Morris Co., N. J.
See adv index at end of book
Sutton, Steel & Steel ("S. S. & S.", Dry), Dallas, Tex.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
United Iron Works Inc. ("Ford") Complete Plants for Lead & Zinc Ores, etc), Kansas City, Mo.
Webb City & Carterville Foundry & Machine Works, Webb City, Mo.
Western Iron Works, Butte, Mont.
WORTHINGTON PUMP. & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2978—Concentrators (Vacuum)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

2978a—*Concrete (Anti-Freeze)

Malmed O. T. & Co. ("Quickstone"), Penn Square bldg, Phila., Pa.

2979-80— Concrete Binder

Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
Eastern Expanded Metal Co., 65 Franklin, Boston, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

2981— Concrete (Bond)

Concrete Steel Co., 42 Broadway, New York
Living Stone Co. ("Living Stone"), 1 East Lee, Baltimore, Md.
Ransome Concrete Machinery Co., ("Ransomite"), Dunellen, N. J.

2981a— Concrete Breakers (Traction)

Buckeye Traction Ditcher Co. (& Asphalt Breakers), (For Street Work), Findlay, Ohio.

2982— Concrete Carts

Grayson Iron Foundry Co., Reading, Pa.
JACKSON MFG. CO., Fourth & Boyd, Harrisburg, Pa.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.

Concrete Construction

See Concrete Steel Construction, Reinforced; also Contractors, General

2983-4—Concrete Curb (Steel Bound)

Clip Bar Mfg. Co. ("Clip-Bar" Galvanized Curb Guard & Reinforcement), 26th & Penna., Phila., Pa.
CONCRETE STEEL CO., 42 Broadway, New York
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Steel Protected Concrete Co. ("The Wainwright"), Real Estate Trust bldg, Phila., Pa.

2985—Concrete Floors & Arches

See also Concrete Steel Construction, Reinforced; also Fireproofing, Various Systems
American Concrete Steel Co., 27 Clinton av, Newark, N. J.
Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Asbestos Protected Metal Co., Beaver Falls, Pa.
Barber Asphalt Paving Co. ("Bromley" System), Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Flat Slab Patents Co, 332 S Michigan av, Chicago, Ill.
Gaidry L. R. ("Ironite"), Title Guarantee bldg, New Orleans, La.
Kiotz A., 2517 Washington av, New York
Monsted A. Co., Milwaukee, Wis.
National Concrete Fire-Proofing Co., Citizens bldg, Cleveland, O.
Special Service Flooring Co., 2009 Grand Central Terminal, New York
Standard Concrete Steel Co., 105 W. 40th, Cleveland, O.
Turner Construction Co. (System), 244 Madison av, New York
Wood-Mosaic Co. (Steel Woven Wood Block, Concrete Floors), New Albany, Ind.

2986— Concrete Forms

See also Centering, Steel; also Forms, Curb & Sidewalk
American Bridge Co., 30 Church, New York
American Cement Machine Co., Keokuk, Ia.
American Metal Form Co. ("American"), 343 S Dearborn, Chicago, Ill.
Blaw-Knox Co. ("Blawforms"), Farmers Bank bldg, Pittsburgh, Pa.
Carey Concrete Co. (And Concrete Products all kinds), Grand Rapids, Mich.
Collapsible Joist Form Co. (For Building), Finance bldg, Kansas City, Mo.
Concrete Steel Co., 42 Broadway, New York
Ford Meter Box Co. (For Water Works), Wabash, Ind.
HELTZEL STEEL FORM & IRON CO. (Concrete Construction), Warren, O.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Hydraulic Pressed Steel Co. (Steel), 3152 E 61st, Cleveland, O.
McCoy Silo Form Co. (Silo Forms), Bakewell bldg, Pittsburg, Pa.
Merillat Culvert Core Co. (Adjustable, Collapsible, etc), Winfield, Ia.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Overturf C. W. (Overturf Collapsible Culvert Mold), Dumont, Ia.
Pearson & Ludascher Lumber Co., Westmoreland & Delaware, Phila., Pa.
Reichert Mfg. Co. (Metal), 1440 Booth, Milwaukee, Wis.
Reinforced Concrete Co., St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York

Concrete Forms (Collapsible)

See Centering, Steel

2987—Concrete Hanger Supports

Reinforced Concrete Co., St. Louis, Mo.

Donley Devices—Donley Inserts

MODERNIZE the new home with the following household devices:

Donley Package Receiver
Donley Fireplace Damper and other fireplace equipment
Donley Meter Box
Donley Rubbish Burner
Donley Garbage Receiver

Send for Catalog illustrating these and other Building Specialties.

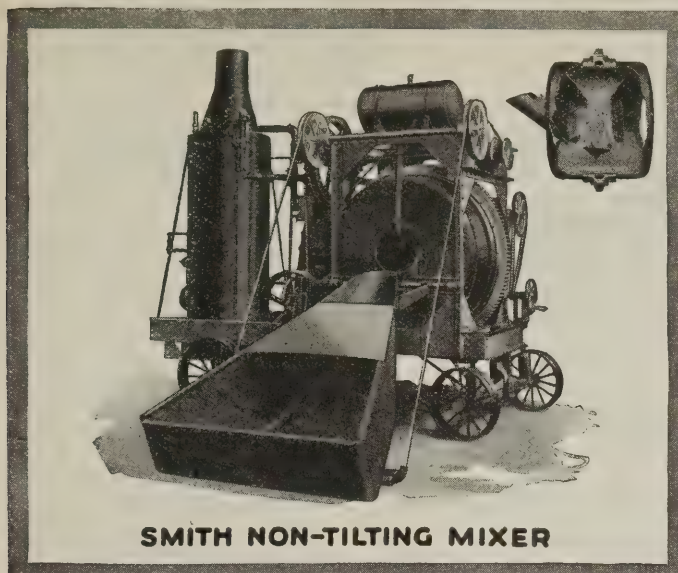
SECURE anchorage of fixtures to concrete walls and ceilings calls for a superior concrete insert.

Donley Inserts are of malleable iron, designed after long experience and many tests. They are made to save not pennies, but costly accidents.

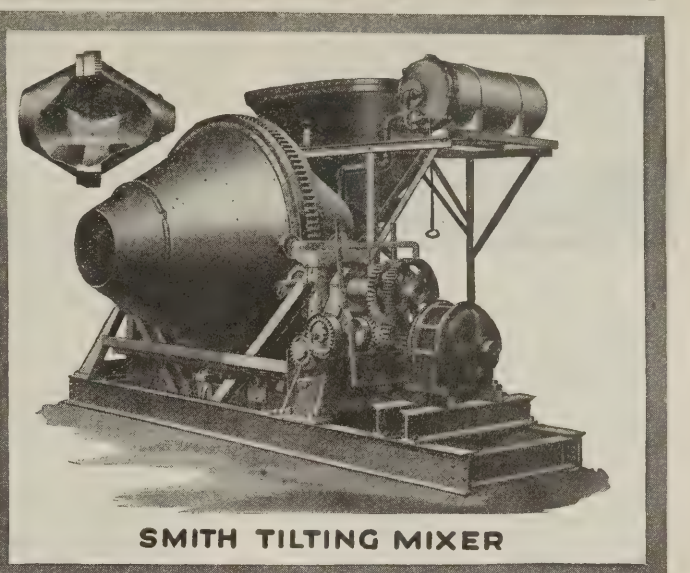
Every size of Donley Insert has supporting strength equal to the corresponding size of bolt—⅜ inch, half inch, ⅝ inch, ¾ inch.



The DONLEY BROTHERS CO., 3625 E. 74th St., Cleveland, Ohio



SMITH NON-TILTING MIXER



SMITH TILTING MIXER

— for Value that Endures — BUY SMITH MIXERS

Smith Non-Tilting Mixers are made in the following sizes: (Cu. Ft. Mixed Batch Capacities) 4-S, 7-S, 14-S, 21-S and 28-S. Speedy loading, mixing and discharge insure maximum production. The famous Smith "end-to-center" mixing action guarantees permanent concrete. 17 years of successful service, all over the world. ASK FOR CATALOG 405-A.

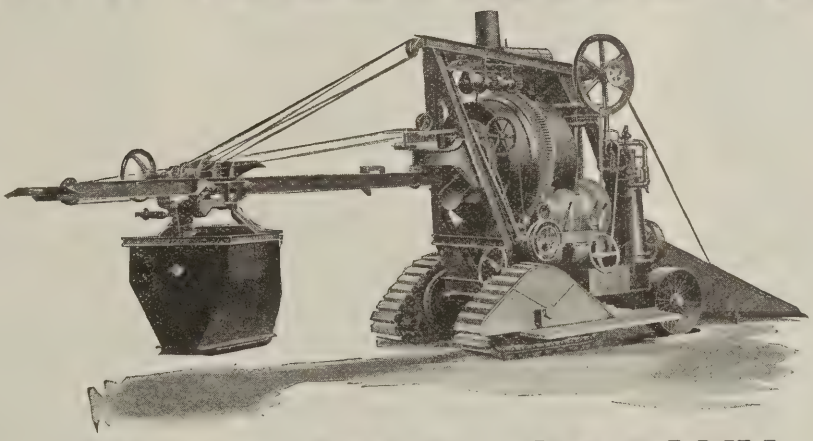
Smith Tilting Mixers are made in the following sizes: (Cu. Ft. Mixed Batch Capacities) 10-S, 14-S, 21-S, 28-S and 56-S. The Smith Tilting Mixer is the speediest, most sturdy and most thorough mixer ever designed. Performance records for twenty years unequalled. They are used on world's greatest projects. ASK FOR CATALOG 406.

Furnished as desired, on skids, or on trucks — with steam, gas or electric power — with power loader, low charger, gated batch hopper or standard feed chute.

SMITH PAVING MIXERS PRODUCE PROFITABLY

Road contractors using Smith Paving Mixers are making money. That is the surest recommendation of the equipment.

Smith Pavers are made in these sizes: 10-E, 14-E, and 21-E. Furnished, as desired, with steam or gas power; boom-and-bucket or swivel chute delivery; caterpillar or wheel traction; Smith Automatic Ball-Bearing Derrick Attachment for use with batch boxes.



Smith Paving Mixers are famous for their big production records. Some of the mechanical features which contribute to Smith Paver success are: the double pivoted skip, high drum design, "end-to-center" mixing action, extra speedy discharge.

Investigate Smith Pavers — they are a safe investment.

ASK FOR CATALOG 409-A.

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2988— Concrete Inserts

Concrete Steel Co. ("Havemeyer"), 42 B'way, New York
Dayton Malleable Iron Co. ("Bigelow," "Dayton"), Dayton, O.
Dean Olney J. & Co., 179 W Washington, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Diamond"), 87 West, New York
See adv index at end of book
DONLEY BROS. CO., 3625 E. 74th, Cleveland, O. *See adv index at end of book*
Duplex Hanger Co. (Shaft & Rope Hanger), E 53d & Lakeside av, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hill Clutch Co., W 65th, Cleveland, O.
Knapp Bros. Mfg. Co., 2419 W 14th, Chicago, Ill.
Paine Co., 1742 Van Buren, Chicago, Ill.
Philadelphia Expansion Bolt Co. ("Monarch"), 124 North 6th, Phila., Pa.
Reinforced Concrete Co., St. Louis, Mo.
Richmond Screw Anchor Co., 61 Park Row, New York
Rockwood Sprinkler Co. ("R. S. Co." Adjustable), Worcester, Mass.
SECURITY INSERT CO. ("Security"), 809 Harrison bldg, Philadelphia, Pa.
STAR EXPANSION BOLT CO. ("SEBCO"), 145 Cedar, New York
See adv index at end of book
Trucon Steel Co. ("Trus-Con" Pressed Steel Slotted, "Trus-Con," "National," "Kahn" Adjustable), Youngstown, O.

2989-90—Concrete Mixers

Acme Road Machinery Co., Frankfort, N. Y.
Albany Hardware Specialty Mfg Co. ("Albany"), Albany, Wis.
American Cement Machine Co. ("Steel King," "Little Boss"), Keokuk, Ia.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Atlas Engineehing Co., 3009 Lisbon av, Milwaukee, Wis.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Austin W. E. Machinery Co. ("Ausco"), Atlanta, Ga.
Badger Concrete Mixer Co. ("Badger"), First Nat. Bk. bldg, Milwaukee, Wis.
Blaw-Knox Co. ("Blaw Ransome"), Freeport rd, Hoboken, N. J.
Blystone Mfg. Co. ("Blystone," Batch), Cambridge Springs, Pa.
Bolte Mfg. Co. ("Handy," "Bolte"), Kearney, Neb.
Braqstad Concrete Machy. Co., Inc., Canton, S. Dak.
Buckeye Engine & Foundry Co. ("Buckeye"), Joliet, Ill.
Buffalo Contractors Equipment Co. (Automatic), Buffalo, N. Y.
Carlin, John H. Machine Co., Pittsburgh, Pa.
Cement Machinery Co. ("Systematic"), Jackson, Mich.
Cement Tile Machinery Co. ("S. S. Line"), Waterloo, Ia.
Chain Belt Co. ("Chain Belt"), Milwaukee, Wis.
Chicago Builders' Specialties Co. ("Little Devil"), 11 S La Salle, Chicago, Ill.
Clarke F. H. Mfg. Co., 10719 Superior av, Cleveland, O.
Clover Leaf Machine Co., South Bend, Ind.
Colorado Concrete Mixer Co. ("Colorado"), Denver, Colo.
Cream City Boiler Co., 37th av & Lapham, Milwaukee, Wis.
Cropp & Co. ("Cropp"), 2334 W Kinzie, Chicago, Ill.
Cummings Machine Co. (Batch), Minster, Ohio

CONCRETE MIXERS—continued
Davis Norris K ("20th Century"), 400 7th, San Francisco, Cal.
Demorest Mfg. Co. ("New State," Hand & Power), Enid, Okla.
Dunn W. E. Mfg. Co., Holland, Mich.
Dyar Supply Co., Cambridge, Mass.
See adv index at end of book

BUILDING MIXERS
AND STREET PAVING MIXERS
DYAR SUPPLY CO., CAMBRIDGE, MASS.

Elite Mfg. Co. ("Low Down" Forced Feed), Ashland, O.
Eureka Machine Co. ("Eureka"), Lansing, Mich.
Excelsior Mixer & Machinery Co. ("Excelsior"), Milwaukee, Wis.
Famous Mfg. Co., East Chicago, Ind.
Farmers' Cement Tile Machine Co. (Batch Mixers), St. Johns, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foote Concrete Machy. Co. (Road Paving), 1324 S Michigan av, Chicago, Ill.
Foote Co. ("Foote" Batch), Nunda, N. Y.
Frank Mfg. Co., Des Moines, Ia.
Garfield & Co., 1232 Hearst bldg., San Francisco, Cal.
Gray Iron Foundry Co. ("Keystone"), Reading, Pa.
Green Machinery & Mfg. Co., Dayton, O., & Salt Lake City, Utah.
Hall-Holmes Mfg. Co. ("Grand," "Hartwick"), Jackson, Mich.
Ideal Concrete Machinery Co. ("Ideal" & "Cincinnatus"), 1346 Monmouth av, Cincinnati, O.
Interstate Equipment Co., South Bend, Ind.
Iowa Fdry & Mfg. Co. (Batch Mixer), Fort Dodge, Ia.
Jaeger Machine Co. ("Big-an-Little" Batch), 490 Dublin av, Columbus, O.
Joubert & Goslin Machine & Fdry Co., Birmingham, Ala.
Kent Machine Co. ("Kent," Continuous), Kent, O.
Knickerbocker Co. ("Coltrin"), Jackson, Mich.
Lakewood Engineering Co. ("Lakewood" Rail Truck, Milwaukee, "Universal" & "Wisconsin"), Cleveland, O.
Lansing Co. ("Broncho" & "Northwestern" Batch. "Advance," "1913," "Lansing" Continuous), Lansing, Mich.
Marsh-Capron Mfg. Co. ("M-C" Rail Track Mixers), 332 S Michigan av, Chicago, Ill.
Miles Co. ("Simplex"), Jackson, Mich.
Milwaukee Concrete Mixer Co. ("Milwaukee"), 955 30th, Milwaukee, Wis.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Northwestern Steel & Iron Works, Eau Clair, Wis.
Oshkosh Mfg. Co. ("Oshkosh"), Oshkosh, Wis.
Overturf C. W., Dumont, Ia.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Plant Engineering & Equipment Co., Inc. (Eureka), 192H B'way, New York
Pneumatic Concrete Machinery Co., Wilson av, Newark, N. J.
Raber & Lang Mfg. Co. ("Crescent" Continuous, "Bull Dog" Batch), Kendallville, Ind.
Ransome Concrete Machinery Co. ("Oshkosh"), (Power & Gravity), Dunellen, N. J.
Rapid Mixer Co. ("Rapid" Portable Heater Mixer), Grand Rapids, Mich.
Republic Iron Wks., Tecumseh, Mich.
Schaefer Mfg. Co., Berlin, Wis.
Schramm Chris D. & Son, Inc., Dept. H, West Chester, Pa.
Sheldon Mfg. Co., Nehawka, Neb.
Silo Specialty Mfg. Co., Clinton, Ia.
Sioux City Engine & Machinery Co. ("McCracken"), Sioux City, Ia.
SMITH T. L. CO., THE ("Smith" Tilting and "Smith" Non-Tilting Power Mixers; and "Smith" Hand Mixers), 1151 32d, Milwaukee, Wis.
Speed Machine Co., Passaic, N. J.
Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Svenson-Shuman Machine Co. ("Svenson"), Oliver bldg, Pittsburgh, Pa.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Tucker, Geo. C. Co., 53 W Jackson blvd, Chicago, Ill.
Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
Twentieth Century Mixer Co. ("20th Century"), Connersville, Ind.
United Engine Co. ("United" Batch), Lansing, Mich.
Waterloo Cement Machinery Corp. ("Polygon," "Little Wonder Fine," "Wonder Ten"), Waterloo, Ia.
Wegge E. Concrete Machinery Co., La Crosse, Wis.
Western Mfg. Co., Oskaloosa, Ia.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.
Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.

2991—Concrete Mixers for Street Paving

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Ransome Concrete Machinery Co., Dunellen, N. J.
Wilson Machy. Co., 301 H, W 35th st., Chicago, Ill.

2992—Concrete Reinforcing Bars (Iron & Steel)

See also Concrete Reinforcing Materials. This list contains only the Rolling Mills who roll this material, with the exception of advertisers who appear in Black Type
Armstrong Geo. W. & Co. Inc. (Iron & Steel Square Gold Twisted Bars From ⅜ to 1¼ inches up to 120 Feet in Length), Fort Worth, Texas
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Steel Co. (Bessemer Steel), Ashland, Ky.
Atlantic Steel Co. (Open Hearth Steel, Twisted, Plain & Corrugated Bars Up to 80 Feet), Atlanta, Ga.
Bethlehem Steel Co. (Bessemer & Open Hearth Steel Plain Rounds, Squares of Merchant Mill Lengths), S. Bethlehem, Pa.
Blancke A. C. & Co., 602 S Lake, Chicago, Ill.
Calumet Steel Co. (Bessemer Steel, Round & Deformed Square of Any Length), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (From ¼ to 1¼ Inches), Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer & Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Iron & Open Hearth Steel, Twisted & Corrugated Bars From ¼ to 1½ Inches Up to 60 Feet), Denver, Colo.
Columbia Steel Co., 503 Market, San Francisco, Cal.
CONCRETE STEEL CO., 42 Broadway, New York
Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
Crucible Steel Co. of America (Steel Squares From ¼ to 1¼ Inches & Assorted Sizes of Flats & Twisted Up to 60 Feet), Oliver bldg, Pittsburgh, Pa.
Davis Bros. (Steel Only), 29th & Bristol, Phila., Pa.
Dean Olney J. & Co., 179 W Washington, Chicago, Ill.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, Ohio.
See adv index at end of book
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Fort Wayne Iron Steel Rolling Mills (Iron & Soft Steel Bars Up to 60 Feet), West Taylor, Fort Wayne, Ind.
See adv index at end of book

Reinforcing Bars for Concrete
Rounds, Squares and Squares Twisted
Prompt Service
Fort Wayne Iron Steel Rolling Mills
West Taylor St., Fort Wayne, Ind.

Franklin Steel Works (Twisted Rounds & Squares ¼ to 1¼ Inches & Flats from ½x1 to ⅝x2½ Inches Up to 60 Feet), Franklin, Pa.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Gulf States Steel Co. (Cold Twisted Squares, Plain Squares & Plain Rounds), Birmingham, Ala.
Hunkins-Willis Lime & Cement Co. (Dirs), Century bldg, St. Louis, Mo.
Hydraulic Steelcraft Co., Cleveland, Ohio
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Illinois Steel Co. (Cold Twisted Square, Plain, Round, Flat & Square Bars, etc), 208 S La Salle, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
INLAND STEEL CO. (Open Hearth & Rail Carbon Steel Rounds, Squares, and Deformed Bars Up to 85 Feet in Length), First Natl. Bk. bldg, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Bessemer & Open Hearth Steel Diamond Bars & Twisted Squares, Any Size), Ross, Pittsburgh, Pa.
KALMAN PAUL J. CO., 22 W. Monroe, Chicago, Ill.
Kansas City Bolt & Nut Co. (Steel ¼ to 1¼ in. Twisted Squares, Plain Rounds & Squares, Deformed Bars Up to 60 ft.), Kansas City, Mo.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel ¼ to 1¼ Inch Twisted Squares, Plain Rounds & Squares & "Maxwell" & Corrugated Bars Up to 60 Feet), Buffalo, N. Y.
Laclede Steel Co. (Twisted Squares Deformed Rounds & Squares; sizes ⅜ to 1¼ inch), Arcade bldg., St. Louis, Mo. Works: Madison, Ill.
Lebanon Valley Iron & Steel Co. (Iron & Steel Bars, All Sizes & Any Length), Lebanon, Pa.
Lockhart Iron & Steel Co. (Rounds, Flats, Squares, Hexagons, etc.), McKees Rocks, Pa.
Logan Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Plain Rounds, Flats & Squares), St. Girard bldg, Phila., Pa.
Lukens Steel Co., Coatesville, Pa.
Marion Malleable Iron Works (Bar Couplings), Marion, Ind.
Moss J. E. Iron Works, Wheeling, W. Va.
Pacific Coast Steel Co (Bars, Round Square & Flat, Steel Deformed Bars), Rialto bldg, San Francisco, Cal.
Pardee C. Works (Open Hearth Steel Full Length Rounds & Twisted Squares), Perth Amboy, N. J.
PATERSON-LEITCH CO., 936 E 67th, Cleveland, O.
POLLAK STEEL CO., THE, 386 W 71st, Carthage, Cincinnati, O.
Railway Steel Spring Co. (Open Hearth Steel Rounds, Squares & Deformed Bars From ¼-Inch to 2-Inch Rounds & Up to 100 Feet in Length), 30 Church, New York.
Republic Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Rounds, Squares & Deformed or Twisted Bars of Any Length Up to 90 Feet), Youngstown, O.
See branch offices alphabetical section
Rockaway Rolling Mill (Iron & Open Hearth Steel Rounds, Flats, Squares, etc, Any Length), Rockaway, N. J.
Rownson, Drew & Clydesdale, Inc., 80 Wall, New York
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Soule Edward L. Co., (Corrugated & Twisted), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Southern California Iron & Steel Co. (Plain or Deformed), E 4th & Mateo, Los Angeles, Cal.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Sylvester Co. (Iron & Steel Plain Rounds, Squares, etc, Any Length), 141 Milk, Boston, Mass.
Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Rounds & Squares), Birmingham, Ala.
Tucker Edw. A. Co., 101 Milk, Boston, Mass.
Upson Nut Co. (Twisted Bars), Cleveland, O.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.
Woods, Huddart & Gunn, 444 Market, San Francisco, Cal.

2993—Concrete Reinforcing Materials

See also Concrete Reinforcing Bars
American Concrete Steel Co., 27 Clinton, Newark, N. J.
AMERICAN STEEL & WIRE CO. (Triangle Mesh), 208 La Salle, Chicago, Ill. *See adv index at end of book*
American System of Reinforcing ("American" Systems of Rods & Wire Fabric, Zigzag Beam Wrapping, etc), 10 S La Salle, Chicago, Ill.
American Wire Fence Co. (Wire Fibre), 10 S La Salle, Chicago, Ill.
Ashland Steel Co. (Corrugated & Twisted), Ashland, Ky.
Aspromet Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Beckley Perforating Co. (Special Shapes), Garwood, N. J.
Berger Mfg. Co. ("Ferro Lithic" Interlocking Plates for Concrete), (Riplex ⅜ & ¾ inch plates), Canton, Ohio
Bostwick Steel Lath Co., Niles, O.
Bourne Fuller Co., Hanna bldg, Cleveland, O.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Buffalo Steel Co. (Twisted & Deformed, Plain Squares & Rounds), Tonawanda, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Calumet Steel Co. (Steel Bars & Shapes, Plain & Deformed Squares and Rounds), 208 S La Salle, Chicago, Ill.
Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Staples, etc), South Bend, Ind.
Carnegie Steel Co. (Twisted Steel Bars), Carnegie bldg, Pittsburgh, Pa.
Concrete Products Co., Finance bldg, Kansas City, Mo.
CONCRETE STEEL CO., 42 Broadway, New York
Concrete Steel Engineering Co. (Steel Bars, etc) 13 Park Row, New York

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IT IS demonstrated beyond doubt that to make concrete roads proof against heavy motor traffic, weather and time, a fabric of steel must be incorporated in the concrete.

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fulfills every engineering requirement

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Cleveland
Pittsburgh
Denver
U. S. Steel Products Co.

Consolidated Expanded Metal Co.'s, Braddock, Pa.
Corrugated Bar Co. (Corrugated Steel Bars & Materials), Mutual Life bldg, Buffalo, N. Y.
Corrugated Bar Co. (Corrugated Steel Bars), Mutual Life bldg, Buffalo, N. Y.
Corrugated Bar Co., Boatmen's Bank bldg, St. Louis, Mo.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Electric Welding Co. ("Cummings" System), Benedum Trees bldg, Pittsburgh, Pa.
Expanded Metal Engng. Co., 8 W 40th, New York
Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.
Fougner Concrete Steel Co., 29 B'way, New York
Franklin Steel Works (Steel Bars, Plain Rounds & Squares & Square Twisted), Franklin, Pa.
Gabriel Reinforcement Co. ("Gabriel" Reinforcing Bar), Penobscot bldg, Detroit, Mich.
GENERAL FIREPROOFING CO. ("Self-Centering" Expanded Metal), Youngstown, O. *See adv index at end of book*
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Hanson A. P. & Son ("Unit" Spacing Bar), 1911 Emerson av, Chicago, Ill.
Hubbard & Co. (Ore Process for Reinforcing Wooden Poles), 63d & Butler, Pittsburgh, Pa.
Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
IGOE BROTHERS (Wire Mesh), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Jacksonville Concrete Products Co., 630 Riverside av, Jacksonville, Fla.
KALMAN PAUL J. CO., 22 W Monroe, Chicago, Ill.
Kansas City Bolt & Nut Co. (Steel Bars, Plain, Round & Square, Twisted Squares & Flat), Kansas City, Mo.
Laclede Steel Co. (Twisted Squares, Deformed Rounds & Squares, Sizes ¼ to 1½ inches), Arcade bldg, St. Louis, Mo. Works: Madison, Ill.
Massey Concrete Products Co., Dept. H, Peoples Gas bldg, Chicago, Ill.
Mitchell-Tappen Co., 15 John, New York
Neevel Mfg. Co. ("U." Benders, Clamps, Reinforcing Supports & Wall Ties), Kansas City, Mo.
Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
Page Steel & Wire Co. (Reinforcing Wire Fabric), Adrian, Mich.
PATERSON-LEITCH CO., 936 E 67th, Cleveland, O.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
Reed Wire Specialties Co. Inc., 419 F 162nd, New York
Reinforced Concrete Co. (Twisted Steel Bars, Fabrics, Spirals, "Reco" Continuous Patent Stirrups), Arcade bldg, St. Louis, Mo.
Republic Iron & Steel Co. (Rounds, Flats, Squares & Cold Twisted Bars), Youngstown, O.
See branch offices alphabetical section
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Smith A. L. Iron Works, (rods), 217 Everett av, Chelsea, Mass.
Smith F. P. Wire & Iron Works (Spiral Column, Stirrups & Shear Bars for Concrete Beams, Columns, etc), 2340-2348 Clybourn av, Chicago, Ill. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York
Thomas Steel Reinforcement Co., Concrete Pavement), Majestic bldg., Detroit, Mich.
Titchener-Diehl Co. (Specialties), 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Truscon Steel Co. (Kahn System), Youngstown, O.
Tucker, Edw. A. Co., 101 Milk, Boston, Mass.
Wickwire Spencer Steel Corp. (Electrically Welded Steel Wire Fabrics), Worcester, Mass. *See adv index at end of book*
Wight W. N. & Co. (Lock Woven Steel Fabric), 5 Beekman, New York

2994— Concrete Sockets

Concrete Steel Co., 42 Broadway, New York
Firbrich Fred ("Bigelow" Adjustable Socket Bracket, &c., of Malleable Iron), Monadnock blk, Chicago, Ill.

2995—Concrete Steel Construction (Reinforced)

See also Contractors, Building & General
Aberthaw Cons. Co., 27 School, Boston, Mass.
Allbrecht A. & Co., Penobscot bldg., Detroit, Mich.
Almion Engineering & Contracting Co., 25 Church, New York
Altoona Concrete Construction & Supply Co., Altoona, Pa.
Ambursen Constr. Co. (Dams, Bulkheads, etc), 61 B'way, New York
American Concrete Paving Co., Buffalo, N. Y.
American Concrete Steel Co., 27 Clinton, Newark, N. J.
American Construction Co. (Dams, Bulkheads, etc), Marion bldg, Cleveland, O.
Amsterdam Building Co., 140 W 42nd, New York
Andrews Engineering Co., Bessemer bldg. Pittsburgh, Pa.
Arkansas Foundry Co., Little Rock, Ark.
Asbestos Protected Metal Co., Beaver Falls, Pa.
Austin Construction Co., Matthews bldg, Milwaukee, Wis.
Barre Ferdinand Equitable bldg, Baltimore, Md.
Bates & Rogers Construction Co. (Heavy Bridge Work, etc), 37 W Van Buren, Chicago, Ill.
Bentley A. & Sons Co., 201-241 Belmont av, Toledo, O.
Bick J. N., The Nasby, Toledo, O.
Black Hawk Construction Co., Waterloo, Iowa
Blome-Sinek Co., 139 N Clark, Chicago, Ill.
Boland C. P. & Co., 30 4th, Troy, N. Y.
Bostwick Steel Lath Co., Niles, O.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Brown John G., Witherspoon bldg, Philadelphia, Pa.
Buffalo Expanded Metal Co., 120 Hardwood pl, Buffalo, N. Y.
Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Post Staples, etc), South Bend, Ind.
Carmichael Wm. P. Co., Williamsport, Ind.
Central Concrete Const. Co., Louisville, Ky
Chesley, Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Chickamauga Quarry & Const. Co., Chattanooga, ITenn.
Clough Concrete Construction Co., Quincy, Ill.
Concrete Construction Co., Empire bldg, Pittsburgh, Pa.
Concrete Engineering Co., Omaha, Neb.
Concrete Foundation Co., Sharp bldg, Kansas City, Mo.
Concrete Steel Bridge Co., Clarksburg, W. Va.
Concrete Steel Co., 42 B'way, New York
Concrete & Steel Const. Co., Joplin, Mo.
Connelly J. Construction Co., Leader-News bldg, Cleveland, O.

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See General Adv. at "Wire" also Adv. at "Lath (Expanded Metal)"
Catalogue and Reference Book on Request

CONCRETE STEEL CONSTRUCTION (REINFORCED)—continued

Consolidated Engineering Co., Calvert bldg, Baltimore, Md.
Corrugated Bar Co. (Corrugated Steel Bars), Mutual Life bldg, Buffalo, N. Y.
Crane H. A. & Bro., 28 Fairmont av, Jersey City, N. J.
Cranford Construction Co., Gerke bldg, Cincinnati, O.
Cranford Paving Co., 2620 E N W, Washington, D. C.
Crescent Concrete Co., Erie Co. Bank bldg, Buffalo, N. Y.
Cullen & Vaughn Co, 450 Dayton, Hamilton, O.
Cullinan Thomas F. Co., Providence, R. I.
Cummings Structural Concrete Co. ("Cummings" System), Benedum Trees bldg, Pittsburgh, Pa.
Curtiss & Dean, Hartford, Conn.
Denholm & Co., 622 E McMillan, Cincinnati, O.
Denton & Co., 7 E 42nd, New York
Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.
Durolithic Co., Buffalo, N. Y.
Eastern Concrete Steel Co., Buffalo, N. Y.
Eid L. Concrete Steel Co., 1206 Liberty, Cincinnati, O.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Ensign G. W. Inc., Harrisburg, Pa.
Erie Concrete Steel Co., Erie, Pa.
Expanded Metal Engineering Co. (Reinforced), 80 W 40th, New York
Farbes Richd. J. H., Monadnock bldg, San Francisco, Cal.
Fath Construction Co., 4403 Perkins av, Cleveland, O.
Fell Henry R. Co., Trenton, N. J.
Ferguson J. W. Co., 152H Market, Paterson, N. J.
Ferguson Hugh, Pittsburgh Life bldg, Pittsburgh, Pa.
Ferro Concrete Construction Co., Dept. H, Third & Elm, Cincinnati, Ohio
Foster & Creighton Co., Nashville, Tenn.
Fougner Concrete Steel Co., 29 B'way, New York
Fuller Iron & Steel Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Gabriel Reinforcement Co. ("Gabriel" System), Penobscot bldg, Detroit, Mich.
General Construction Co., 3038 Galena, Milwaukee, Wis.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Gilsonite Contracting Co., Wainwright bldg, St. Louis, Mo.
Godwin Const. Co., 251 4th av, New York
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Gould Construction Co., Davenport, Ia.
Grant Geo. J. Construction Co., Exchange Bk. bldg, St. Paul, Minn.
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Guarantee Const. Co., 92 West, New York
Harry S. J. Co., Connellsville, Pa.
Harvey-Burden Const. Co., Central National Bank bldg, St. Louis, Mo.
Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.
Hennebique Construction Co., 1170 B'way, New York
Heyworth J. O., 606 S Michigan, Chicago, Ill.
Hinchman-Renton Fireproofing Co., Denver, Colo.
Hoeffer & Co., 133 W Wash'n, Chicago, Ill.
Horton Concrete Construction Co, Reliance bldg, Kansas City, Mo
Hudson Concrete Construction Co., 452 Montgomery, Jersey City, N. J.
Hunt Engineering Co., 513 Republic, Kansas City, Mo.
Industrial Engineering Co., 30 Church, New York
KALMAN PAUL J. CO., 22 W Monroe, Chicago, Ill.
Kansas City Bridge Co., Kansas City, Mo.
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Kidde Walter & Co., Inc., 140 Cedar, New York
Lafayette Engineering Co., Lafayette, Ind.
Lanquist & Illsley Co., 1100 N Clark, Chicago, Ill.
Leighton H. N. & Co., 127 S 10th Minneapolis, Minn.
Leonard Construction Co., 332 S Michigan, Chicago, Ill.
Ley Fred T. & Co., Inc., 499 Main, Springfield, Mass.; 185 Devonshire, Boston, Mass., & 19 W 44th, New York
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lucius Engineering Co., Hartje bldg, Pittsburgh, Pa.
Lukens Steel Co., Coatesville, Pa.
McKinnon Construction Co., 70 Water, Providence, R. I.
Masters & Mullen Const. Co., Rose bldg, Cleveland, O.
Menke F. W. Stone & Lime Co., Quincy, Ill.
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Monolithic Silot & Const. Co., 122 S Michigan av, Chicago, Ill.
Monsted A. Co., Pabst bldg, Milwaukee, Wis.
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Moyer Engineering & Construction Co., 375 Fulton, Brooklyn, N. Y.
National Bridge Co. (Bridge Work a Specialty), Indianapolis, Ind.
National Concrete Co. (Bridges, etc), Trac. Terminal bldg, Indianapolis, Ind.
National Concrete Const. Co., Louisville, Ky.
National Concrete Fireproofing Co., Citizens bldg, Cleveland, O.
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Neeld C. M. Construction Co., Oliver bldg, Pittsburgh, Pa.
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Puget Sound Bridge & Dredging Co., Seattle, Wash.
Rackle Geo. & Sons Co., A. B. C. Line, Cleveland, O.
Raymond Concrete Pile Co., 140 Cedar, New York
Read-Coddington Engineering Co., Niagara Falls, N. Y.
Reaugh Construction Co., 2835 E 51st, Cleveland, O.
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Richards - Neustadt Construction Co., Trust & Savings bldg, Los Angeles, Cal.
Roberts & Schaefer Co. (Locomotive Coaling Stations, Coal Tipples & Power Houses), 332 S Michigan av, Chicago, Ill.
Robinson Dwight P. & Co., Inc., 125 E. 46th, New York
Robinson J. L. Construction Co., 1130 W Lafayette, Baltimore, Md.
Roos Bros., 2824 Stanton av W. H., Cincinnati, O.
Rust Engineering Co., Penna. bldg, Philadelphia, Pa.
Schillinger Bros. Co., 215 City Park av, Toledo, O.
Schutz, Shreiner & Clyde Co., May bldg, Pittsburgh, Pa.
Simpson Bros. Corp., 166 Devonshire, Boston, Mass.
Smith Arthur E., 220 Park av, New York
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Southern Ferro Concrete Co., Atlanta, Ga.
Sperry Engineering Co., 82 Church, New Haven, Conn.
Standard Concrete Construction Co., 108 S La Salle, Chicago, Ill.
Stark N. M & Co. (Bridges, etc), Des Moines, Ia.
Sterling Engng. & Constr. Co., 720 Caswell blk, Milwaukee, Wis.
Structural Concrete Co., Dayton, O.
Swenson Construction Co., Shubert Theater bldg, Kansas City, Mo.
Syracuse Bridge Co. (Bridges, Foundations, etc), Syracuse, N. Y.
Talbott H. E. Co. (Bridges, Buildings, etc), City Nat'l Bk. bldg, Dayton, O.
Topeka Bridge & Iron Co. (Bridges, etc., Topeka, Kan.
Truscon Steel Co. (Kahn System), Youngstown, O.
Tucker Edward A. Co., 101 Milk, Boston, Mass.
Tucker & Laxton, Charlotte, N. C.
Tucker & Vinton (Steel Concrete Structures), 216 E 41st, New York
Turner C. A. P. ("Mushroom" System), 627 1st av N, Minneapolis, Minn.
Turner Concrete Steel Co., 1713 Sansome, Phila., Pa.
Turner Const. Co. ("Turner for Concrete" Reinforced Concrete Construction), 244 Madison av, New York
Vogt Alfred H., 185 Stevenson, San Francisco, Cal.
Wark Co., 231 S Broad, Phila., Pa.
Warwick Constn. Co., 1048H W Harrison, Chicago, Ill.
Webber Construction Co., 29 W 34th, New York
Weber Chimney Co. (Reinforced Concrete Chimneys, etc), McCormick bldg, Chicago, Ill.
Weiland Edw. A., Clark & Independence, Cleveland, O.
West Construction Co., American bldg, Baltimore, Md.
White F. O. Construction Co., 183 River, Boston, Mass.
Whittaker & Diehl, Harrisburg, Pa.
Wisconsin Cement Const. Co., 1000 Humboldt av, Milwaukee, Wis.

2995a— Condenser Tubes

(See also Tubes Condenser)

AMERICAN BRASS CO. (Brass & Admiralty), Waterbury, Conn.
For branch offices see adv index at end of book
BALTIMORE TUBE CO., Baltimore, Md.

2996— *Condensers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2997— Condensers (Ammonia)

Arctic Ice Machine Co., Dept. H, Canton, O.
Baker Ice Machine Co., Omaha, Neb.
Carbondale Machine Co., Carbondale, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbus Iron Works, Columbus, Ga.
Kupferle Bros. Mfg. Co., 600 N 2d, St. Louis, Mo.
Shipley Construction & Supply Co., ft. of Warren, B'klyn, N. Y.
Strobl Mfg. Co., 410 N Western av, Chicago, Ill.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.
York Mfg. Co., York, Pa.

2998—Condensers (Barometric)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Allis-Chalmers Mfg. Co. ("Tomlinson"), Milwaukee, Wis.
Blake Pump & Condenser Co., Fitchburg, Mass.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Elliott B. K. (also Jet & Surface), 126 Sixth, Pittsburgh, Pa.
Elliot Co. Dept. H, Jeanette, Pa.
Hamler Boiler & Tank Co., Dept. H, W 66th & So. 60th av, Chicago, Ill.
Ingersoll-Rand Co. ("Beyer" Counter-Current), 11 Broadway, New York
See adv index at end of book
KELLOGG M. W. CO., ("Bulkley"), 90 West, New York
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

BAROMETRIC CONDENSERS AND VACUUM PUMPS

(*Write for Bulletin R*)

MESTA MACHINE COMPANY

Pittsburgh, Pa., U. S. A.

Phoenix Iron Wks., Meadville, Pa.
Quintard Iron Works Co., 742 E 12th, New York
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wetherill Robt. & Co., Chester, Pa.
Wheeler C. H. Mfg. Co., Lehigh av & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO., W. Carteret, N. J.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 Broadway, New York
See adv index at end of book

2998a—*Condensers (Centrifugal)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

2998b—Condensers (Chemical)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Hamler Boiler & Tank Co., Dept. H, W. 66th & S 60th av, Chicago, Ill.
Thermal Syndicate, Ltd., 59 E 41st, New York.

2999—Condensers (Chemical Works, Etc.)

Baeuerle & Morris, 932 N Front, Phila., Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Durion Castings Co., Dayton, O.
Gerstein Bros. & Cooper, 3 W 3rd, South Boston, Mass.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Lummus Walter E. Co., 171 Milk, Boston, Mass.

2999a-1—Condensers (Copper)

Burkhard Thos. Inc., 494 Flushing av, B'klyn, N. Y.
Detroit Heating & Lighting Co., Detroit, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Roos Chas. A., 429 E 91st, New York
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

2999a—Condensers (Distilled Water)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Pratt & Cadey Co. Inc. ("Davis"), Hartford, Conn.
Row & Davis Engineers, Inc. (Also Surface,), 90 West, New York

2999b—Condensers (Eductors)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

3000— *Condensers (Ejector)

Devine J. P. Co., Buffalo, N. Y.
Worthington Pump & Mach'y Corp. ("Spirojector"), 115 Broadway, New York
See adv index at end of book

3001— Condensers (Electric)

Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl, New York
Condensite Co. of Am., Bloomfield, N. J.
Dubilier Condenser Co., 217 Centre, New York
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Electric Specialty Co., Cresco, Ia.
Foote, Pierson & Co., 160 Duane, New York
General Electric Co. (Static & Synchronous), Schenectady, N. Y.
See adv index at end of book
Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
Pearce Fred'k Co., 20 Rose, New York
Philbrin Corp., Kennett Square, Pa.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
STROMBERG - CARLSON TELEPHONE Mfg. Co., 1050 University av, Rochester, N. Y.
Thompson-Levering Co. ("Peerless"), 325 Arch, Phila., Pa.
Warner Electric Co., Muncie Ind.
Western Electric Co., 463 West, New York

3002— Condensers (Gas)

See also Gas Works Apparatus & Construction

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Cruse-Kemper Co., Ambler, Pa.
Gas Machy. Co., 1900 Euclid av, Cleveland, Ohio
Isbell Porter Co. (Primary & Secondary for Fresh or Salt Water), 46 Bridge, Newark, N. J.
Quintard Iron Works Co., 742 E 12th, New York
Southwestern Engineering Co., 606 S Hill, Los Angeles, Cal.
Stacey Bros. Gas Construction Co., Sta P, Cincinnati, Ohio
Stacey Mfg. Co., Big Four R R, Township av, Elmwood, Cincinnati, O.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

Condensers (Independent)

See Condensers, Steam

Condensers (Jet)

See Condensers, Steam

3002a—Condensers (Multi-Jet for Steam Engines, Turbines & Evaporators)

SCHUTTE & KOERTING CO., 1251 N 12th, Philadelphia, Pa.
See adv index at end of book

3002a-1—Condensers (Nitric Acid)

Acid Proof Iron Products Co., 49 Herman, Newark, N. J.
Bethlehem Fdy. & Machine Co., Bethlehem, Pa.
Duriron Castings Co., 90 West, New York
General Ceramics Co., 50 Church, New York
Knight Maurice A., Akron, O.
Lehigh Fdy Co., Fullerton, Pa.
Thermal Syndicate Ltd., 50 E 41st, New York

3002b—Condensers (Obnoxious Vapor)

Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
See adv index at end of book

3003—Condensers (Oil Refining)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Oil City Boiler Works, Oil City, Pa.
Petroleum Iron Works Co. ("Leman," "Counter Current"), Sharon, Pa.
Standard Boiler & Plate Iron Co., Niles, O.
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.

3004—Condensers (Reflecting, For Dark-Field Illumination)

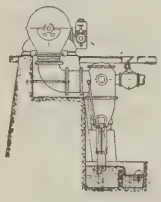
Leitz Ernest, 30 E 18th, New York

3004a— Condensers (Reflux)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Bethlehem Fdy. & Machine Co., Bethlehem, Pa.
Buffalo Fdy. & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book
General Ceramics Co., 50 Church, New York
Knight, Maurice A., Akron, O.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Stevens Bros., 85 Liberty, N. Y.
Thermal Syndicate Ltd., 50 E 41st, New York

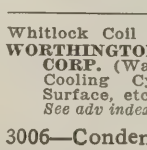
3005— Condensers (Steam)

ALBERGER PUMP & CONDENSER CO. (Jet & Surface, "Wainwright"), 140 Cedar, New York
Allis-Chalmers Mfg. Co. (Jet), Milwaukee, Wis.
American Condenser & Engng. Corp., 120 B'way, New York
American Engineering Co. (Surface for Marine Work), Aramingo av & Cumberland, Phila., Pa.
American Steam Pump Co. (Jet & Surface), Battle Creek, Mich.
American Well Works, The (Surface Water Type & Jet, Low Level Type, Steam Turbined & Driven Units), 112 B'way, Aurora, Ill. *See adv index at end of book*
Baeuerle & Morris (Surface, Brass, Copper, Iron, Steel & Block Tin), 932 N Front, Phila., Pa.
Baker Ice Machine Co. (Surface), Omaha, Neb.
Blake Pump & Condenser Co. (Air & Steam Turbine, etc), Fitchburg, Mass.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co. (Jet, Surface, etc), Buffalo, N. Y.
Butler Mfg. Co. ("B. M. C." Flask), Kansas City, Mo.
CAMERON A. S. STEAM PUMP WORKS (Jet, Barometric, Surface, etc), Bowling Green bldg, New York
See adv index at end of book
Cresson-Morris Co., 18th & Allegheny av, Phila., Pa.
Davidson M. T. Co. (Surface & Jet), 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works (Jet & Surface), 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co., East Trenton, N. J.
Devine J. P. Co., Buffalo, N. Y.
Dow Pump & Diesel Engine Co., Dept. H, Alameda, Cal.
Epping-Carpenter Pump Co. (Surface & Jet), ft 43d, Pittsburgh, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Great Lakes Engineering Works (Twin Vertical Air Pump Condenser Combined, for Salt, Sugar & Chemical Works), Real Est. Exch. bldg.), Detroit, Mich.
Griscom-Russell Co. ("Goubert" Surface, 92 West, New York
See adv index at end of book
Hewes & Phillips Iron Works ("Venturi" Independent), 8 Orange, Newark, N. J.
Ingersoll-Rand Co. ("Beyer," Barometric), 11 Broadway, New York
See adv index at end of book
Jackson Byron Iron Works, Berkeley, Cal.
Joubert & Goslin Machine & Foundry Co., Birmingham, Ala.
Kellogg M. W. Co. ("Bulkley"), 90 West, New York *See adv index at end of book*
Kelby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Leitz Ernest, 30 E 18th, New York
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manistee Iron Works Co. (Rotary Jet), Manistee, Mich.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, Ohio
Nordberg Mfg. Co. (Independent, Jet & Surface), Chicago & Oklahoma av, Milwaukee, Wis.
Phoenix Iron Wks. Co., Meadville, Pa.
Puget Sound Machinery Depot, 318 1st av, So Seattle, Wash.
Quintard Iron Works Co. (Surface), 742 E 12th, New York
Row & Davis Egnrs. Inc., 90 West, New York
Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
See adv index at end of book



Multi-Jet Condensers maintain high vacuum without air pump. Simple; compact; reliable; no moving parts. *Catalog 5-A.*
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1251 North 12th Street
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Scranton Pump Co. (Jet Condensers & Pumps), Scranton, Pa.
Smalley-General Co., Bay City, Mich.
Southwark Foundry & Machine Co. ("Weiss"), 430 Washington av, Philadelphia, Pa.
Southwestern Engineering Co., 606 S Hill, Los Angeles, Cal.
Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.
Stewart Heater Co., N Tonawanda, N. Y.
Thropp's John E. Sons Co. (Surface), ft. of Lewis, Trenton, N. J.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Union Steam Pump Co., Battle Creek, Mich.
Vertical Condenser Co. ("Zeigler" Vertical Combined Condenser & Re-Boiler), Gerke bldg, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.
Warren Steam Pump Co., Warren, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. (Surface, Barometric & Jet), East Pittsburgh, Pa.
See adv index at end of book
Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERing Co. ("Wheeler" Admiralty; Jet "Wheeler" Volz Combined Condensers & Feed Water Heaters), W. Carteret, N. J. *See adv index at end of book*



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All kinds of condensing equipment; high vacuum surface and jet condensers; wet and dry vacuum pumps; circulating pumps; cooling towers; condenser tubes.

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West Carteret, New Jersey 138-3

Whitlock Coil Pipe Co., Hartford, Conn.
WORTHINGTON PUMP & MACHY. CORP. (Water Works Type, Jet, Self-Cooling Cylindrical & Rectangular Surface, etc.), 115 B'way, New York
See adv index at end of book

3006—Condensers (Steam Turbine)

American Condenser & Engng. Corp., 120 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse Leblanc"), East Pittsburgh, Pa. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Condensers (Surface)

See Condensers, Steam

3007— Condensers (Telephone)

American Elec. Co., 6401 S State, Chicago, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Automatic Elec. Co., 1001 W Van Buren, Chicago, Ill.
Central Tel. & Electric Co., 310 N 11th, St. Louis, Mo.
Conn. Telephone & Elec. Co., 70 Britnia, Meriden, Conn.
Electric Specialty Co. ("Mansbridge" Type), Cresco, Ia.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York

3008— Condensers (Tubular)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*

CONDENSERS (TUBULAR)—continued
Baeuerle & Morris, 932 N Front, Phila., Pa.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Lummus Walter E. Co. (Tubular & Coil), 171 Milk, Boston, Mass.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

3008a— Condensers (Vacuum)

Buffalo Fdy. & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Scott Ernest & Co. ("Scott"), Fall Rover, Mass.
Stokes F. J. Machine Co., 17th & Cambria Phila., Pa.

3009— Condensers (Vapor)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book
Southwestern Engineering Co., 606 S Hill, Los Angeles, Cal.
Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.

Condensing Apparatus (Stoneware)

See Stoneware, Chemical

3010—Condensing Plants (Complete)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
WHEELER CONDENSER & ENGINEERing Co., W. Carteret, N. J.
See adv index at end of book

3011—Condensing Plants (Weiss Central)

Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
See adv index at end of book

Condensite

See Bakelite

3012—Conductor Pipe & Eaves Trough Mfrs.

American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L D Co., 59 N 2d, Phila., Pa.
Berger Mfg. Co. (Steel), Canton, O.
Bostwick Steel Lath Co., Niles, O.
Brier Hill Steel Co., Youngstown, O.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Cambridge Roofing Co., Cambridge, O.
Canton Art Metal Co., Canton, O.
Carter Sheet Metal Co., Omaha, Neb.
Cedar Rapids Cornice Co., Cedar Rapids, Iowa
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Clark-Smith Hardware Co., Peoria, Ill.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Conner Chas. H. & Co., Louisville, Ky.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Delphos Mfg. Co., 1st & Pierce, Delphos, Ohio
Dickelman Mfg. Co., Forest, O.
Dieckmann Ferdinand Co., 1182 Harrison av, Cincinnati, O.
Dominion Metal Products Co., Roanoke, Va.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Excelsior Steel Furnace Co., 118 S. Clinton, Chicago, Ill.
Feld Geo A. Co., 162 E 129th New York
Florida Metal Products Co., Jacksonville, Fla.
Friedley-Voshardt Co., 733 S. Halsted, Chicago, Ill.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Handy N. B. Co., Lynchburg, Va.
Holzer R. G. (Est. of), (also Box Gutters), 317 Burgundy, New Orleans, La.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Hopson W. C. Co., Grand Rapids, Mich.
Howie Roofing Co., Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
Kanneberg Roofing & Ceiling Co., Canton, Ohio
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Lamb & Ritchie Co., Cambridge, Mass.
Learn & Brindle (Conductors Strainers, "The Ideal" Cut-Off), Columbus, O.
Lupton's David Sons, Allegheny av & Tulip, Phila, Pa.
Lyman H. B. Southampton, Mass.
LYON CONKLIN & CO. INC. ("Lyonore" Metal, "L. C. & Co." Steel), 19 Balderston, Baltimore, Md.
Martin Metal Mfg. Co., Wichita, Kan.
Merchant & Evans Co. (Jobbers), Washington av & 21st, Phila., Pa.
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Messenger & Parks Mfg. Co., Aurora, Ill.
Meurer Geo. C. Co., 22 Clay, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co., ("Nola"), Cortez & Orleans, New Orleans, La.
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
Newport Rolling Mill Co. (Galvanized Iron & Steel), Newport, Ky.
Niles Iron & Steel Roofing Co., Niles, O.
Norman W. F. Sheet Metal Mfg. Co., Nevada, Mo.
Obdyke Benj. P., 1217 Callowhill, Phila., Pa.
Ohio Corrugating Co., Warren, O.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Penn Metal Co., 65 Franklin, Boston, Mass.
Pierce O. W. Co., Olean, N. Y.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Pudrith A. F. Co., Fort E, Detroit, Mich.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Robertson Bros. Mfg. Co., 5405 S Western blvd, Chicago, Ill.
See adv index at end of book
St. John & Barquist, Des Moines, Ia.
Schoedinger F., 142 N. 3rd, Columbus, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sheet Metal Mfg. Co., West Federal, Youngstown, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
STEARNS A. T. LUMBER CO. (Wood), 100 Taylor, Boston, Mass.
See adv index at end of book
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Tennison Bros., Houston, Tex.
Throm Chas. F., Toledo, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
Weyand Henry Co., Waterbury, Conn.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. ("Rust Resisting Portsmouth Iron," "Ohio Metal" & Open Hearth Steel), Wheeling, W. Va.
York Corrugating Co., York, Pa.

3012a—Conductor (Sugar Cane)

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*

3013— Conductors (Armored)

Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
Boston Ins. Wire & Cable Co., Boston, Mass.
Delaware Hard Fibre Co. (Flexible Interior Hard Fibre), Wilmington, Del.
See adv index at end of book
Garland Mfg. Co. (Steel), 1st National Bank bldg, Pittsburgh, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Inland Elec. Co., 16 N. Franklin, Chicago, Ill.
National Metal Moulding Co., 1110 Fulton blvd, Pittsburgh, Pa.
Pratt Chuck Co. (Double Strip), Frankfort, N. Y.
Sprague Electric Works, 527 W 34th, New York
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York
Trenton Elec. & Conduit Co., Trenton, N. J.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
YOUNGSTOWN SHEET & TUBE CO. ("Youngstown Realflex" Steel Flexible), Youngstown, O.

3014-5-6—Conduit Elbow Former

Crouse-Hinds Co., Syracuse, N. Y.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

ARMORED CONDUCTORS AND FLEXIBLE STEEL CONDUITS
are produced at very high speeds by the Machines which we are offering to the trade.
SLEEPER & HARTLEY, Inc.
WORCESTER, MASS.

3017—Conduits (Flexible Metallic)

Am. Metal Moulding Co. (Steel), 141 N. J. R. R. av, Newark, N. J.
Arrow Flexible Conduit Co., Inc., 210 Canal, New York
Breeze Carbureter Co., 250-52 South, Newark, N. J.
Franklin Railway Supply Co. ("McLaughlin," for Connecting Between Engine & Tender in Place of Rubber Hose), 30 Church, New York
Nat. Enameling & Mfg. Co., Renshaw bldg, Pittsburgh, Pa.
National Metal Molding Co. ("Flexsteel"), 1110 Fulton bldg, Pittsburgh, Pa.
Pennsylvania Flexible Metallic Tubing Co., Broad & Race, Phila., Pa.
Saylor Electric & Mfg. Co. ("Safeduct"), 115 S Main, Pittsburgh, Pa.
Short Electrical Mfg. Corp. ("Cottonduct"), Penn Yan, N. Y.
Sprague Electric Works ("Greenfield"), 527 W 34th, New York
Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
Trumbull Elec. Mfg. Co., Plainville, Conn.
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
Tubular Woven Fabric Co. ("Duraduct"), Pawtucket, R. I.
Youngstown Sheet & Tube Co. (Rigid Only, "Youngstown Buckeye"), Youngstown, O.

3018— Conduits (Interior)

Alphaduct Co. (Non-Metallic Flexible), 136 Cator av, Jersey City, N. J.
American Circular Loom Co. ("Electroduct," Flexible), 16 Medford, Boston, Mass.
American Conduit Mfg. Co. ("Galvanite" Electro Galvanized, "American" Enameled Rigid Steel, also "Wireduct" Non-Metallic Flexible), Keystone bldg, Pittsburgh, Pa.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Ashland Electric Co., 1517 Haddon av, Chicago, Ill.
Brandywine Fibre Products Co. (Vul. Fibre Tubing), E. Wilmington, Del.
See adv index at end of book
Central Tube Co. ("Central"), First National Bk. bldg., Pittsburgh, Pa.
Clifton Mfg. Co. ("Clifton," Rigid Steel), 65 Brookside av, Jamaica Plain, Boston, Mass.
Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark, Del.
See adv index at end of book
Delaware Hard Fibre Co. (Electric, Fibre), Wilmington, Del.
See adv index at end of book
Enameled Metals Co. ("Pittsburgh," Standard Enameled Iron), 61 Bridge, Pittsburgh, Pa.
Garland Mfg. Co. ("Lubricated," "Galvaduct," "Iron Armored," "Flexible Metallic," etc), 1st National Bank bldg, Pittsburgh, Pa.
Mark Mfg. Co. ("Zinkote," "Navalite," Enameled Iron Pipe), Evanston, Ill.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
National Metal Molding Co. ("Sherarduct" & "Economy," Rigid Steel, also "Flextube" Flexible Non-Metallic, "Flexsteel," Flexible Metallic), 1110 Fulton bldg, Pittsburgh, Pa.
Protectus Paint Co. ("Versies" Flexible & Waterproof), N Amer bldg, Phila., Pa.
Ric-wil Co., Guardian bldg, Cleveland, O.
Short Electrical Mfg. Corp., Penn Yan, N. Y.
Sprague Electric Works ("Greenfield" Iron Armored, Brass Armored, Flexible Steel & Unarmored), 527 W 34th, New York
Standard Fibre Co., Miller St., Somerville, Mass.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Tubular Woven Fabric Co. ("Duraduct," Flexible Woven), Pawtucket, R. I.
Wilmington Fibre Specialty Co. (Hard Fibre), Wilmington, Del.
YOUNGSTOWN SHEET & TUBE CO. ("Youngstown Buckeye" Rigid Steel, Enameled & Electro Galvanized), Youngstown, O.

3019—Conduits (Underground)

American Clay Products Co. (Vitrified), 175 5th av, New York

American Conduit Co. (Bitumenized Fibre), East Chicago, Ind.
American Creosote Works (Creosoted for Wood), Southport, New Orleans, La.
AMERICAN LINE MATERIALS CO. (Creosoted Wood), 332 S Michigan av, Chicago, Ill.
American Fire Brick Co. (Vitrified Salt Glazed), Spokane, Wash.
American Sewer Pipe Co. (Vitrified), Akron, O.
American Vitrified Conduit Co., B'way & 23d, New York
Bannon P. Pipe Co., Louisville, Ky.
Brown Co. (Fibre), Portland, Me.
Brazil Hollow Brick & Tile Co. ("Brazil," Vitrified), Brazil, Ind.
Camp H. B. Co. ("Camp-Duct" Vitrified Clay), Fulton bldg, Pittsburgh, Pa.
Campfield Raggle Block Co. (Air Cells for Steam Pipes), Richmond, Ind.
Chattanooga Sewer Pipe & Fire Brick Co. (Clay), Chattanooga, Tenn.
Chicago Stone Conduit Co., Addison & Chicago River, Chicago, Ill.
Clay Product Co. (Vitrified Fire-Clay), 175 W Jackson blvd, Chicago, Ill.
Clermont Sewer Pipe Co., 50 Church, New York
Continental Pipe Mfg. Co. (Machine Banded Wooden Insulated Wire Conduits), Tacoma, Wash.
Denny-Renton Clay & Coal Co. (Clay), Seattle, Wash.
Des Moines Clay Co., Des Moines, Iowa
Dickey W. S. Clay Mfg. Co. (Vitrified Salt Glazed Clay), N. Y. Life bldg, Kansas City, Mo.
Drummond M. J. & Co. ("Shawmut" Vitrified), 51 Chambers, New York
Fibre Conduit Co. (Fibre), Orangeburg, N. Y.
Gest G. M., 237 B'way, New York
Grand Ledge Clay Product Co., Grand Ledge, Mich.
Johns-Manville Inc. (Sectional & Fibre), Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Kenway P. N. (Steam Pipe), 248 Boylston, Boston, Mass.
Macomb Sewer Pipe Work (Vitrified Clay), Macomb, Ill.
Michigan Pipe Co. ("Bethell" Process of Creosoted Wood), Bay City, Mich.
NATIONAL FIRE PROOFING CO. (Terra Cotta Clay), 1100 Fulton bldg, Pittsburgh, Pa. *See adv index at end of book*
N. Y. State Sewer Pipe Co., Rochester, N. Y.
Norfolk Creosoting Co. (Creosoted Wood), Norfolk, Va.
Ric-Wil Co. (For Heating Pipes), Guardian bldg, Cleveland, O.
Riter-Conley Co. (Riveted Steel Pipe Lines of Large Diameters, Particularly for Hydro-Electric Installation, etc.), Oliver bldg, Pittsburgh, Pa.
San Antonio Sewer Pipe Co., San Antonio Tex.
Shawmut Clay Mfg. Co., Shawmut, Pa.
Tyler Underground Heating System 855 Progress, Pittsburgh, Pa.
Winslow & Co. (Vitrified Salt-Glazed), Portland, Me.
Wyckoff A. & Son, Elmira, N. Y.
Wyckoff Pipe & Creosoting Co. (Creosoted Wood), 30 E 42d, New York

3020— Cones (Automobile)

Acklin Stamping Co. (Clutch Cones), 1659 Dorr, Toledo, O.
See adv index at end of book
Bossert Corporation, The (Clutch Cones), cor. Linden & West av, Utica, N. Y.
Perry-Fay Mfg. Co., Elyria, O.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg, Cincinnati, Ohio
U. S. Automatic Co., Amherst, O.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

Cones (Blacksmiths')

See Mandrels or Cones, Blacksmiths'

Cones (Friction)

See Pulleys, Cone

3023— Cones (Ground)

Paragon Electric Co. ("Paragon"), 37 W Van Buren, Chicago, Ill.

3024— Cones (Roof)

General Fire Extinguisher Co., Providence, R. I.

3024a— Confetti

Andrews R. P. Paper Co., 727 13th, N W, Washington, D. C.
Carter H. W. Paper Co., Springfield, Mass.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dobbins W. H. & Co., 48 N. Front, Philadelphia, Pa.
Garrett Sylvester S. & Co., 259 S. 3rd, Philadelphia, Pa.
Gottlieb A. & Son Co., 54 S. 2nd, Brooklyn, N. Y.
Kilborn Bros., New Haven, Conn.
Miller T. G. & Sons Paper Co., Ithaca, N. Y.
St. Louis Confetti Co., 3 Market, St. Louis, Mo.
Zellerbach Paper Co., 534 Battery, San Francisco, Cal.

3025—Connections (Closet, Brass, Etc.)

Acheson Mfg. Co. (Brass Only), Lanken, Pa. *See adv index at end of book*
American Pin Co. ("Ampinco"), Waterbury, Conn.
Banner Mfg. Co. (Urinal), 109 Lafayette, New York
Blasier Sanborn Mfg. Co., Utica, N. Y.
Church C. F. Mfg. Co. (Brass "White Pyralin" Covered Offset & Elbow), Dept. H, Holyoke, Mass.
Frost Mfg. Co., Kenosha, Wis.
Sanitary Co. (Sink), Dept. H, Linfield, Pa.
Standard Brass Mfg. Co., Utica, N. Y.
Trenton Brass & Machine Co. (Offset & Elbow), Trenton, N. J.

3026—Connections (Closet, Rubber)

National India Rubber Co. (Lamp), Bristol, R. I.

3027— Connections (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bridgeman Bros. Co. ("Royle" Attachments), 131 S 31st, Phila., Pa.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
New York Brass Foundry Co., 403 Broome, New York
Osgood J. L. Tool Co. (Air Hose), Buffalo, N. Y.

3028— Connections (Siamese)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bridgeman Bros. Co., 131 S 31st, Phila., Pa.
Callahan Cornelius Co. ("Callahan" for Fire Hose), 127 Purchase, Boston, Mass.
Greenberg's M. & Son (Boxes), 225 Beale, San Francisco, Cal.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Larkin Mfg. Co., Dayton, O.
McNab & Harlin Mfg. Co., 55 John, New York
Milwaukee Brass Mfg. Co. (With Automatic Valve, for Fire Sprinklers, Stand Pipes, Bath, etc), 251 Lapham, Milwaukee, Wis.
See adv index at end of book
Morse A. J. & Son (Fin.), 221 High, Bos-
Murray & Sorenson ("Unit"), 227 W 17th New York
Sherman H. B. Mfg. Co., Battle Creek, ton, Mass.
Mich.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Standard Brass & Iron Works ("S B & I Works" Double, Threeway, etc), 1820 St. Paul av, Milwaukee, Wis.

3029—Connections (Slip Joint)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av, N E Cleveland, O.
Union Brass & Metal Mfg. Co., Lawson & Mackerbin, St. Paul, Minn.
Wolverine Brass Works, Grand Rapids, Mich.

3030— Connections (Steamer)

Bridgman Bros. Co. ("Bridgman" for Automatic Sprinklers & Stand Pipes), 131 S 31st, Phila., Pa.
General Fire Extinguisher Co. (For Automatic Sprinklers & Stand Pipe), Providence, R. I.

3030a—Connections (Tire Pump)

Apex Electric Mfg. Co. ("Apex"), 1410 W 59th, Chicago, Ill.
Edelmann E. & Co. ("Leaknot"), 341 E. Ohio, Chicago, Ill.
Gleason Peters Co., 384 Classon av, Brooklyn, N. Y.
Harvard Electric Co., Clinton & Van Buren, Chicago, Ill.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Mayo Skinner Mfg. Co. ("Mayo"), 2115 Elston av, Chicago, Ill.
Nelson A. Mfg. Co., 2722 Southport av, Chicago, Ill.
Romort Manfg. Co. ("Romort"), Dept. H, Main & Hubbard, Oakfield, Wis.
Romort Mfg. Co., Dept. H, Oakfield, Wis.
Schrader's A. Son Inc., 783 Atlantic av, Brooklyn, N. Y.
Stevens & Co. ("Acorn," "Keno"), 375 Bway, New York
Sunderland Mfg. Co., 600 W 22nd, Chicago, Ill.

3031—Connections (Underground Box)

Phila. Electric Constr. Co., Heed bldg, Phila., Pa.

3032— Connections (Battery)

Ajax Electric Co., 56 Baldwin av, Jersey City, N. J.
American Ever Ready Works ("Ever Ready," "Bull Dog"), Thompson av, Long Island City, New York
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Atlas Mfg. Co., New Haven, Conn.
Barcy-Nicholson Co. ("Bar-Nic"), 837 W Fort, Detroit, Mich.
Breaznell J. H., Terminal, 26 Court, Brooklyn, N. Y.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Continental Elec. Co., 1885 Park av, New York
Culver-Stearns Mfg. Co., Worcester, Mass.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fahnestock Elec. Co., Meadow, L. I. City, N. Y.
Fitzgerald Mfg. Co. ("Perfection" Flexible, with Spring Lock Terminal), Torrington, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
Lemke Electric Co. ("L B" Flat Copper), 509 Cedar, Milwaukee, Wis.
Lombardi Motor Car Co., Derby, Conn.
Manhattan Electrical Supply Co. ("Mesco," "Sta-there"), 17 Park pl, New York *See adv index at end of book*
Mich. Motor Spec. Co., 26 Dubois, Detroit, Mich.
National Carbon Co. ("Columbia," "Fahnestock," "Spring Clip," "Bull Dog," "Quick Action"), Madison av N. W. 117th, Cleveland, O.
Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.
Salem Electrical Supply Co. (Flexible), Salem, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Stackpole Carbon Co. ("Mills," "Stackpole"), St. Marys, Pa.
Sterling Machine & Stamping Co., Wellington, Ohio
Stevens & Co. ("Securo"), 375 B'way, New York
Tregoning Electric Mfg. Co. ("Lobster-Claw"), Cleveland, O.

3033—Connections (Box & Cabinet)

Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Bonnell W. A. Co., 192 Chambers, New York
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
National Metal Molding Co. (Panel Box for Armored Conductors, Flexible Metallic Conduits & Armored Conductors), 1110 Fulton bldg, Pittsburgh, Pa.
Sprague Electric Works (Clamp Type, Panel Box, also Angle for Outfit & Injunction Boxes), 527 W 34th, New York
Standard Electric Fittings Co., Stamford, Conn.
Thomas & Betts, 63 Vesey, New York

3034—*Connectors (Electric Train)

WESTINGHOUSE ELECTRIC & MFG. CO. (Controllers), East Pittsburgh, Pa. *See adv index at end of book*

3035—Connectors (Sleeve Wire)

Belden Mfg. Co., 2316 So. Western av, Chicago, Ill.
Bonnell W. A. Co., 192 Chambers, New York
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Bryant Zinc Co. ("Premier"), 600 Orleans, Chicago, Ill.
Chicago Die & Machine Works ("Max Stadt"), 415 N Carpenter, Chicago, Ill.
Clark Elec. & Mfg. Co. ("Clark"), 149 B'way, New York
Columbia Metal Box Co., 226 E. 144th, New York
Continental Electric Co., 1883 Park av, New York.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fort Dearborn Mfg. Co., Sterling, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hickey & Schneider, Elizabeth, N. J.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
McIntire Chas. Co., 35 Vesey, Newark, N. J.
Mellorate Mfg. Co., 809 Lexington av, Brooklyn, N. Y.
Metropolitan Engrg. Co., 1250 Atlantic av, Brooklyn, N. Y.
MORSE FRANK W. (Two & Four Screw Brass), 289 Congress, Boston, Mass.
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Trumbull Electric Mfg. Co. (Four Screw Brass), Plainville, Conn.

3036— Connectors (Stage)

Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Scranton Button Co. (Electroid, Confined Line), Scranton, Pa.
Universal Electric Stage Lighting Co. ("Kliegl Bros."), 240 W 50th, New York
Waldman John J., 64 Murray, New York

3037—Connectors (Trailer, Car Lighting)

Dale Lighting Fixture Co., 107 W 13th, New York
Delta-Star Electric Co. (Automatic Loop Switch), 2437 Fulton, Chicago, Ill.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Loeffelholz Co. ("Gibbs"), Milwaukee, Wis.
Novelty Elec. Co., 50 N 4th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., (Controllers), East Pittsburgh, Pa.
See adv index at end of book

3038—Connectors (Trolley Wire)

Columbia Machine Works & Malleable Iron Co. (2, 3 & 4 Way Brass & Copper, to Specifications), Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Railway Equipment Co., Cincinnati, O.
Eureka Co., North East, Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Ridlon Frank Co. ("Two-Way"), 251 A, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3039— Connectors (Wire)

(Miscellaneous Wire Connectors)

Accesso Mfg. Co. ("Accesso"), 99H State, Boston, Mass.
American Pin Co., Waterbury, Conn.
Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Brady Electric Mfg. Co., New Britain, Conn.
Bridgeport Brass Co. (Plumber), Dept. H, Bridgeport, Conn.
Bryant Electric Co., Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Cameron Appliance Co. (For electric light wire), Everett, Mass.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Clark Electric & Mfg. Co., 149 B'way, New York
Continental Electric Co., 1883 Park av, New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dossert & Co. (Solderles), 242 W 41st, New York
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
Electrical Engineers Equipment Co. (T-Split), 711 Meridian, Chicago, Ill.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Electric Railway Equipment Co. (Cable & Trolley), 2960H Cormany av, Cincinnati, Ohio
Fahnestock Electric Co. ("Fahnestock," Snapover for Drop Wires), Meadow, Long Island City, N. Y.
Fairmount Electric & Mfg. Co. ("H. W. W.," "Alligator"), 59th & Woodland av, Phila., Pa.
Fort Dearborn Mfg. Co. ("Zeno"), Sterling, Ill.
Frankel Connector Co., 177 Hudson, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hatch Edwin T., 120 B'way, New York
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Irvington Mfg. Co. ("Irvington," "Red Devil"), Irvington, N. J.
Jordan Bros. ("Tap-On," Two-Wire for Branch Taps), 74 Beekman, New York
Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.
Line Material Co., S Milwaukee, Wis.
McIntire C. Co., 35 Vesey, Newark, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Mendell Mfg. Co., New Bedford, Mass.
MORSE FRANK W. ("Morse" Insulated Hard Rubber), 289 Congress, Boston, Mass. *See adv index at end of book*
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
Ostrander W. R. & Co., 371 B'way, New York
Paiste H. T. Co. (Two Wire Moulding), 3201 Arch, Phila., Pa.
Phila. Electrical & Mfg. Co., 1226 N 31st, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Reliable Electric Co. ("Reliable"), 411 Sangamon, Chicago, Ill.
Ridlon Frank Co. ("Two-Way"), 251 A, Boston, Mass.
Sharfink Elec. Mfg. Corp., 84 Walker, New York
Sibley Pitman Electrical Corp. ("Climax"), 190 6th av, New York
Simpson Alex. B., 152 E 53d, New York
SMITH & HEMENWAY CO., INC. ("Never Turn," "Swedish" & "Red Devil"), 261 W B'way, New York, & 130 W Coit, Irvington, N. J.
See adv index at end of book
Tower-Binford Elec. & Mfg. Co., Richmond, Va.
Trumbull Electric Mfg. Co., Plainville, Conn.
U. S. E. M. Co. (Insulating, for Fixture Work, etc), 301 W 37th, New York
Waldman John J., 64 Murray, New York

3040—Connectors (Wire Test)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Cameron Appliance Co. ("Metropolitan"), Everett, Mass.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Columbus Handle & Tool Co., Columbus, Ind.
Cook Frank B. Co., 326 Madison, Chicago, Ill.
Cutter-Scott C., Owego, Ill.
Eby H. A. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fahnestock Electric Co. ("Snap Over"), Meadow, Long Island City, N. Y.
Fairmount Electric & Mfg. Co. ("H. W. W.," "Alligator"), 59th & Woodland av, Phila., Pa.
Frankel Display Fixture Co., 177 Hudson, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. ("Pierce"), 63rd & Butler, Pittsburgh, Pa.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
MORSE FRANK W. ("Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book
Mueller R. S. & Co. ("Universal" Insulated), 423 High av, S E, Cleveland, O.
P. & M. Co., 80 E Jackson blvd, Chicago, Ill.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.

3041— Contacts (Electrical)

Columbia Machine Works & Malleable Iron Co. (Complete & Repair Parts Third Rail Shoe Beams & Cast Iron, Semi-Steel & Steel Third Rail Shoes), Atlantic av & Chestnut, Brooklyn, N. Y.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fansteel Products Co., 215 N Michigan av, Chicago, Ill.
Scaife Wm B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Stimpson Edwin B. Co.(For Flashlights, etc.), 852 Kent av, Brooklyn, N. Y.
WILSON H. A. CO. (Platinum & Silver), 99 Chestnut, Newark, N. J.

3042— *Containers (Steel)

Am. Tube & Stamping Co. (Pressed), Dept. H, Bridgeport, Conn.
Benjamin Electric Mfg. Co. ("Kelly Kontainer"), 120H S Sangamon, Chicago, Ill.
Blaw Knox Co. (Gas), Freeport rd., Hoboken, Pa.
Elyria Enameled Products Co. (Glass Enameled), Elyria, O.
Geuder, Paeschke & Frey Co. (Welded), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
HOLAN METAL PRODUCTS CO., THE (Sheet Steel), W 40th & Clark av, Cleveland, O.
See adv index at end of book
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Kress F. J. Co. (Corrugated), 2930 Liberty, Pittsburgh, Pa.
Scaife Wm. B. Sons & Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Zacharius Edwin H., Reading, Pa.

3042a—*Contracting Machinists

AMERICAN DIE & TOOL CO., Reading, Pa.
Zacharius Edwin H., Reading, Pa.

3043—Contractors (Asphalt Paving)

See also Contractors, General

CALIFORNIA.

LOS ANGELES—Fairchild-Gilmore & Wilton Co., 607 S Main
OAKLAND—Oakland Paving Co.
SAN FRANCISCO—Barber Asphalt Paving Co. (Street, etc), 209 Post
City Street Improvement Co., 3001 17th
Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay

CONNECTICUT.

BRIDGEPORT—Burns Co.
MERIDEN—Lane Construction Corp.
NEW HAVEN—City Point Concrete Co., 149 Greenwich av
Connecticut Concrete Co., 185 Church
Humphrey Jno., 56 Perkins

DISTRICT OF COLUMBIA.

WASHINGTON — Cranford Paving Co., 2620 E, N W

GEORGIA.

ATLANTA—Murphy's C. P. Sons

ILLINOIS.

AURORA—Salfisberg J. E. & Co.
CHICAGO—Barber Asphalt Paving Co. (Street, etc), 7 S Dearborn
Blome R. S., 139 N Clark
Conway R. F. Co. (Street, etc), 133 W Wash.
Fulton Asphalt Co., 53 W Jackson blvd
Parker-Washington Co., 68 W Wash.
Perkins E. B., 133 W Washington
Sackley Jas. A. Co., 133 W Washington
Schillinger Construction Co., 2315 N Seeley av.
Simpson Construction Co. (Street, etc), 1113 S Hermitage av
Smith & Brown Co., 128 N La Salle
Standard Paving Co., 29 La Salle
Wheeler W. W. & Co., 715 W Washington
Witt Aug., 913 S Western

INDIANA.

EVANSVILLE — Anchor Concrete Construction Co.
FORT WAYNE—Fort Wayne Roofing & Paving Co.
INDIANAPOLIS—Smither Henry C. Roofing Co., 430 S Meridian
Symmes H. H.
LAFAYETTE—Western Construction Co. (Street, etc)

IOWA.

DUBUQUE—Key City Roofing Co.
IOWA CITY—Hunzinger J. H. & Co.

KENTUCKY.

LOUISVILLE—National Roofing & Supply Co., 124 W Main

LOUISIANA.

NEW ORLEANS—Barber Asphalt Paving Co. (Street, etc.), 124 Carondelet
Jahncke Navigation Co. (Schillinger's), 814 Howard av

MARYLAND.

BALTIMORE—American Paving & Contracting Co., Montebello av
Consolidated Engineering Co., Calvert bldg

MASSACHUSETTS.

BOSTON—Barber Asphalt Paving Co., 294 Washington
Dolloff C. W. & Co., 20 Central
Hind Thos. J., 49 Milk
Libby A. A. Sons Co., 10 Milk
Murtfeldt W. A. Co., 161 Devonshire
Rock Asphalt Co., 24 Oakland
Simpson Bros. Corporation, 166 Devonshire
Taylor E. R. Co., 730 E Broadway
Ufheri Joseph & Co., 34 Ophir
Warren Bros. Co. (Street, etc.), 142 Berkeley
FALL RIVER—Archard Richard J., 60 Murray
Williston Chas. H., 171 Pleasant
LOWELL—Smith E. A. & A. T.
WEST MEDFORD—Bragdon Louis G.
WORCESTER—Carr Geo. W. Co., 518 Main

MICHIGAN.

DETROIT—Porath Ferd. & Son, Free Press bldg
Schillinger Bros.

MISSOURI.

KANSAS CITY—Barber Asphalt Paving Co. (Street, etc), Colonial Long bldg
Parker-Washington Co., 2309 Penn av
ST. JOSEPH—Metropolitan Paving Co.
ST. LOUIS—Barber Asphalt Paving Co., Park & Thurman
Fehlig Construction Co., Theresa av & Hickory
Fruin-Bambrick Const. Co., 800 S Spring av
Gilsonite Contracting Co., Wainwright bldg
Granite Bituminous Paving Co., Pierce bldg
Heman Construction Co., Title Guarantee Trust bldg
Parker-Washington Co., 6161 Maple av
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg

NEBRASKA.

OMAHA—Grant John Paving Co., Paxton blk
Murphy Hugh, Bee bldg
National Roofing Co.

NEW HAMPSHIRE.

MANCHESTER—Robie Consolidated Concrete Co., 939 Elm
NASHUA—Osgood Construction Co.
Tardif F. X.

NEW JERSEY.

JERSEY CITY—Commonwealth Roofing Co., Grove c 19th
Uvalde Asphalt Paving Co., 2 Greene
MAURER—Barber Asphalt Paving Co. (Street, etc)
NEWARK—Hetzel J. G. (Est. of), (Floors, etc.), 67 Main
Van Keuren & Son, 501 Passaic av.

NEW YORK.

BUFFALO—Barber Asphalt Co. (Street, etc), E. Delavan av & Belt Line
Burgard Henry P. Co. (Street, etc), 1968 Fillmore av
Crescent Pavement Co., Erie Co. Bk bldg
German Rock Asphalt Co. (Street, etc.), Morgan bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cranford Co., 52 9th
Mock Isidor, 838 Flushing av
Uvalde Asphalt Paving Co., Metropolitan av

Boroughs of Manhattan and Bronx.

NEW YORK—Asphalt Construction Co., Madison av & 137th
Barber Asphalt Paving Co. (Street, etc), Woolworth bldg
Bitoslag Pavnig Co., 90 West
Denton & Co., 7 E 42d
Hastings Pavement Co., 25 Broad
Neuchatel Asphalte Co., Ltd., 79 Tompkins
†Sicilian Asphalt Paving Co. (Street, etc), 41 Park row
Special Service Flooring Corp., 2039 Grand Central Terminal
See adv index at end of book
Standard Bitulithic Co., 50 Church
Uvalde Asphalt Paving Co. (Street, etc), 1 B'way
Warner-Quinlan Asphalt Co., 79 Wall
Warren Bros. Co. (Street, etc.), 50 Church
Willite Road Construction Co., 51 Chambers

(End of New York City)

PEEKSKILL—Smith John Jr.
ROCHESTER—Oliver Horace T., 328 South av
Rochester Vulcanite Pavement Co.
YONKERS—Pawson J. E. & Co.

NORTH CAROLINA.

OXFORD—Lassiter Robert G. & Co.

OHIO.

CINCINNATI—Kuhl Chas. Artificial Stone Co., 573 Reading rd.
Maescher Chas. V. & Co., 617 Hunt
CLEVELAND — Cleveland Trinidad Paving Co. (Street, etc), 3409 Trumbull
Roehl Bros., Clark & W. 25th
COLUMBUS—Pugh Andrew G., Commerce bldg
DAYTON—Dayton Asphalt Roofing & Paving Co.
DELAWARE—Lambert Bros. & Wirt
HAMILTON—Andrews Asphalt Paving Co.
TOLEDO—Schillinger Bros. Co., 215 City Park av

OREGON.

PORTLAND — Warren Construction Co., Journal bldg

PENNSYLVANIA.

ERIE—Doyle J. & M.
Mayer Bros. Construction Co.
HARRISBURG—Central Construction & Supply Co.
LANCASTER—Fritchey J. U. & Son
Lancaster Cement Paving Co.
PHILADELPHIA—Barber Asphalt Paving Co. (Street, etc), Land Title bldg
Drehmann Paving Co., 2622 Parrish
Galbraith Paving Co., 3732 Old York rd
Mack Paving & Construction Co. (also Granite Block Pavers), 20th & Sedgley av
Schwartz Jacob, 2308 N 27th
Wallace R. Bruce & Co., 45 N 13th
PITTSBURGH—Booth & Flinn, Ltd., 1942 Forbes
Peabody George, Jr. (Acid Proof & Mastic Paving), Union Arcade bldg
Ridge Bros. Co., 5633 Rippey
Wadsworth Stone & Paving Co., Lambert & P R R
SCRANTON—Gaynor Contracting Co.

RHODE ISLAND.

PROVIDENCE — Narragansett Improvement Co. (Street, etc), 122 Public
WESTERLY—Westerly Concrete Co.

TENNESSEE.

CHATTANOOGA—Noll Construction Co.
Southern Paving Construction Co.
West Construction Co., Chamberlain bldg
MEMPHIS—Bartholomew Roofing Co.
Memphis Asphalt & Paving Co. (Street, etc)
Miller Chas. R. Co., 8 N Front

UTAH.

OGDEN—Parry Jos. & Sons Co.

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.
TACOMA — Independent Asphalt Paving Co.

WISCONSIN.

MILWAUKEE — Winding & Gezelschap, Pabst bldg
OSHKOSH—Fluor Bros. Const. Co.
SHEBOYGAN—Ackerman Christ. & Sons

3044 — Contractors (Building & General)

This list does not include contractors in towns with a population of less than 5,000.

§Indicates Building Contractors.
•Indicates Railroad Contractors.
†Indicates Electric Railway Contractors.

Note information following names.

Names listed without information or symbols as above are General Contractors, so far as the publishers have been able to ascertain.

See also Concrete Steel Construction Reinforced; also Dock Builders.

ALABAMA.

BESSEMER—Coston W. L.
Southern Building Co.
Sullivan, Long & Hagerty
BIRMINGHAM—Bostick P. E., 1st Natl. Bank bldg
§Bowdry H. N., Empire bldg
Day & Sachs, Farley bldg.
Donaldson Concrete Constr. Co.
•Dunn Const. Co., Chamber of Commerce bldg.
Evans Bros. Const. Co., 2312 av F
§Kernshaw C. G. Contracting Co., Woodward bldg
McLeod R. A. Plastering Co., 1625 1st av
Morgan J. M. & Co., Woodward bldg
Rust Engng. Co., Inc., Woodward bldg
Smallman-Brice Construction Co., American Trust bldg
•Vance Contracting Co., 1st Nat. Bk. bldg
•Worthington Thos., 1st Nat. Bank bldg
CULLMAN—Schlosser W. A.
DOTHAN—Crawford H. T.
GADSDEN—Mayben & Freuchtel
HUNTSVILLE—§Baxter Bros.
Booth A. M.
Bost C. F.
§Hutchins Chas. E.
MOBILE—Chamblin G. A.
Conway R. F. Co. (Paving)
Hancock, Harbin & Hancock
Jett-Muths Constr. Co., Inc.
Owens Construction Co.
Walker & Thomas
Walsh Stevedoring & Contrg. Co.
MONTGOMERY—Blair Algernon
Burton Construction Co. (Road)
Chapman-Cross Constr. & Realty Co
Fleming S. K.
§Greeson Constr. Co.
Hugger Bros. Const. Co., 910H Bell bldg
Jamison & Hallowell (Paving, etc.)
§Jeffers Bros.
Monk T. A.
Nixon-Smith Construction Co.
Perry Bros.
WILSONVILLE—Taylor W. T. & Son

ARIZONA.

TUCSON—•Manning L. H. & Co.
Pacheo Contracting Co.

ARKANSAS.

FORT SMITH—Burke Construction Co.
Reddick T. T. & Son
LAKE VILLAGE—Simms Albert G.
LITTLE ROCK—Big Rock Stone & Construction Co.
Bush Matt & Bros.
Central Supply Co.
Cook M. D. L. (Paving)
Miller Butterworth
Stewart-McGehee Construction Co.

CALIFORNIA.

ALAMEDA—Powell Bros.
Spence A. T.
BAKERSFIELD—Harris L. W.
Weitzel & Larson Contracting Co.
BERKELEY—Burnham Co. (Sewer)
Contra Costa Constuction Co. (Grading, etc.)
Marshall J. A.
Pinkerton Jas. A.
Schmidt W. J. & E.
Sorenson Walter
Spring Construction Co.
BLYTHE—Christian Hy L.
EL MONTE—§Thurman J. C.
DALY CITY—Flaherty W. N. (Cement)
EUREKA—Elsemore & Jacobs
Englehart Thos.
Mercer-Fraser Co.
FALL BROOK—Graffin S. H.
FILLMORE—Hastings & Yeakel
FRESNO—Manning Bros.
Trewhitt & Shields Co.
Riggins Emmett
GUSTINE—Kruger Ray
HANFORD—Brown Frank J.
HOLLYWOOD—Fossler E.
Meline Frank L.
LONG BEACH—§Burgin W. Jay
McGrew C. T.
LOS ANGELES—§Albright C. S., 6040 Hollywood
§Allen-Knight Constr. Co., 610 S. B'way
§Alpeter, Hall & Alpeter Co., Ferguson bldg
§Arnold R. H. Co., 830 McGarry

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§Atlas Building Co., 219 W. 7th
Barber-Bradley Const. Co., 1824 E 15th
§Barnes A. S., 215 W 7th
Benson Geo. S. & Sons, Stimpson bldg
Bent Bros., Central bldg
Blythe Construction Co., 756 S B'way
§Borg Emil, 1787 E 45th
Bryant & Austin (Paving) 1650 Compton av
§Butler Bros Construction Co., 228 W 4th
Condon Geo. C., Wesley Roberts bldg
Corbaley Chas. W. Co., H. W. Hellman bldg
Crook J. A., Exchange bldg
Cross A. P., Mer. Trust bldg
Curtis Geo. R. (Paving), 2440 S 26th
Davidson Const. Co., 1445 E 16th
§Edwards & Wildey Co., Black bldg
Fairchild, Gilmore & Wilton Co. (Paving), 607 S Main
Fellows C. A., Central bldg
Garnsey Leigh G., 108 W 6th
§Gilbert V. P., 453 S Spring
§Globe Bldg. Co., 756 S B'way
§Goldwaite C. D., Marsh-Strong bldg
§Hall J. F. Martin Co., Stimson bldg
Haupt Construction Co., 307 W 8th
§Houghton & Anderson, Hollingsworth bldg
Hudson C. H., Marsh Strong bldg
Jacobs Construction Co., 356 S Spring
Kennedy James, Washington bldg
Kling Co., 1605 E 15th
§Knerr H. E., Stimson bldg
Kuback C. J. Co., Merchants Nat'l Bank bldg
Lange & Berstrom, Dept. H, Washington bldg.
Leaver P. J. & Co., 1670 E. 20th
Leonart & Peck, 356 Spring
§Lepper & Laisy, 356 S Broadway
§Lilly-Fletcher Co., 756 S B'way
Los Angeles Paving Co., Inc., 2900 Santa Fe av
McCray R. H. Co. (Grading), American Bank bldg
§McNeil J. V., 356 S Spring
Maxon & Co. (Grading), 745 Lyon
May & Grimwood, Inc., Hass bldg
Mayo L. T., Black bldg
Mercereau Bridge & Const. Co., 313 N av
Mesmer & Rice, Marsh-Strong bldg
§Milwaukee Building Co., Wright & Callender bldg
§Nance Construction Co., 846 Linden tral
Occidental Const. Co., 2643 Andrews
Oswald Bros. (Grading & Paving), 354 S B'way
Pacific Coast Concrete Co., 210 W 7th
Pacific Portable Const. Co., Boyle av
Perry W. A. Contracting Co., 406 S Main
Powell C. L., American Bank bldg
§Pozzo Const. Co., 421 Macy
Rooney-Wyckoff Co. (Paving), Consolidated Realty bldg
Sharp & Fellows Contrg. Co., Vernon
Shattuck, Edinger Co. (Grading), Marsh-Strong bldg
*Sherer Robert & Co., (& Grading), Pacific Electric bldg
Simpson Wm. Constr. Co., Marsh-Strong bldg
§Slater W. Co., 2314 Sta. Fe
Standard American Dredging Co., Central bldg
§Stansbury Chas. V. H. W., Hellman bldg
Sweet Edw. E. Designing & Bldg Co., 1158 Kenmore
§Taylor Bros. of Los Angeles, 7367 Sunset blvd
§Trimlett & Combellick, 608 S B'way
Tryon & Brain (Excavating), 207 S B'way
§Very A. O., Mason bldg
§Weaver C. B. Constr. Co., 405 S Hill
§Weston Bldg Co., 126 W 3d
§Willard-Brent Co., 412 W 6th
§Wurster Construction Co., 802½ Central
Yard & Hichborn, 215 W 6th
Yarnell B. F., 227 S Union av
§Yeager M. S. Trust & Savings bldg
MENLO PARK—Weedon Bros.
MONROVIA—Davisson R R Contracting Co.
NAPA—Errington Geo. E.
OAKLAND—Bates, Borland & Ayer (Grading)
Cross Chas. W. (Street)
Dolan Wrecking Co.
Heafey John
Hutchinson Co. (Paving, etc.)
Koppernd A. H.
Littlefield R. W.
Municipal Improvement Co.
Nelson & Forsyth
Pioneer Wrecking & Const. Co.
Price Bros.
Schnebly & Hostraswer
Sommarstrom Bros.
Stone E. B. & A. L. Co.
Veitch W. T. & Bro.
PALO ALTO—Hettinger E. A.
PASADENA—§Crowell & Seward
Crowell Wm. C.
Foss Designing & Building Co.
Giltmer & Lee (Sewer)
Hall Peter
PITTSBURG—§MacQuiddy D. H.
REDLANDS—Montigel F. & Sons (Cement)
RICHMOND—Cushing G. W.
McMaster C. W.
Page L. L.
REEDLEY—Ball & Maslach
RIVERSIDE—Concrete Pipe & Constr. Co.
Shea R. T.
SACRAMENTO—Barton & Hite
Book E. W.
§Boos I. C.
Capital Mastic Co. (Paving)
§Chatterton Bros.
Clark & Henery Constr. Co.
Frey F. E.
Gould H.
Guth C. J.
§Hudnutt Geo. D., Inc.
§Holdener Frank A.
Jenkins & Wells
Keating Wm. C.
Mathews Const. Co.
McKay Geo. W.
McGillivray Const. Co.
Morrill J. M. E.
§Murcell William
Pollock Geo. Co.
Powell Robert & Co.
Ransome-Crummey Co.
Ross Const. Co.
Sacramento Home Bldrs.
Siller Bros.
§Smith R. M.
Teichart & Ambrose
SALINAS—Hare Low G.
SAN DIEGO—Engerbretsen John (Street Paving, Excavating, etc.)
Fairchild-Gilmore-Wilton Co. (Paving)
Hampton W. E. Co.
Holland Construction Co.
Hyde C. L. Const. Co.
*Moffett & Mead
Roberts John C.
San Diego Const. Co.
San Diego Marine Constr. Co.
Wurster Const. Co.
SAN FRANCISCO—Anderson & Ringrose, 320 Market
§Allen C. J., Builders' Exchange (Brick)
Arnold & Mahey, 121 5th
Bates, Borland & Ayer (Grading), Crocker bldg
*Bechtel W. A., 625 Market
Behm J. & Co., 141 Oak
Beiser P. A., 625 Market
Bender J. W. Roofing & Paving Co., Monadnock block (Asphalt Paving)
§Biller John., 460 Montgomery
Blanchard, Crocker & Howell, 58 2nd
Bogart J. S., Mills bldg
Born S. A. Bldg. Co., 37th & Shore View avs
Bos & O'Brien, Hearst bldg
Bovyer & Sons, 2407 California
Boxton Geo. W. & Son, Hearst bldg
Bradley Peter, 180 Jessie
Braunton Harold, 180 Jessie
Brennan J. E., 180 Jessie
Cahill & Vensano Co., 110 Sutter
Cameron & Disston, Hearst bldg
Campbell John F., 2440 16th
Cassaretto John (Grading), 345 Berry
Chadwick & Sykes, Crocker bldg
Chisholm R. A., 180 Jessie
Church D. O., 68 Post
†City Street Imp. Co. (Streets, etc.), 3001 17th
Clinton Constr. Co., 357 Pine
Coburn Chas., 180 Jessie
§Coburn Ira W., 180 Jessie
Cole Percy J., 110 Jessie
Collman A. D., 110 Jessie
Commary W T & Son, Crocker bldg
Cox Bros., 5th av & Lincoln way
Daniel Contr. Co., 503 Market
Del Favero & Rosari, 110 Jessie
Demattei L. & Co., 8 Avery
Denivelle Paul E., 520 7th av
Desmond D. J. Commissary Co., Underwood bldg
Desmond Supply Co.
Diamond Drilling Co., 768 Mission
Diestel John, 235 Montgomery
Dinwiddie Constr. Co., Croker bldg
Dowling J. F. & Co., Russ bldg
Downey John (Masonry), 260 Natoma
Drake H. E., 180 Jessie
Dreyfus Bros., 324 California
Duebel Charles & Co., 224 1st
Duncan Wm. C. & Co., Sharon bldg
Duncanson-Harrelson Co., Chronicle bldg
Eaton & Smith, 715 Ocean
Elam Thos. & Son, 180 Jessie
Erickson & Petterson, Monadnock bldg
Etherton E. E. Co., Monadnock bldg
Fahlen W. & C., 584 California
Farquharson D. B., 1760 Ellis
Farrell & Reed, 185 Stevenson
Fay Improvement Co., Phelan bldg
Federal Construction Co. (Paving), Call bldg
Fee Grant, 2440 16th
Fennell James S., 180 Jessie
§Fennila M. A., 9 Douglas (Brick)
Ferguson & Son, 1739 Union
Fisher M., 687 Mission
Flinn & Treacy, 1st Natl. Bank bldg
Floodberg Chas., Monadnock bldg
Foundation Co., 58 Sutter
Franks F. C. (Dredging), Phelan bldg
Franz Val. & Son, 180 Jessie
Frasier & Frasier, 180 Jessie
Gallagher E. J., Crocker bldg
Gartland P. J., 1396 16th
Gervais Henry, 1727 Mission
Gest G. M., 503 Market
Gilchrist James, 233 Stevenson
Gilson J. E., 180 Jessie
Glaze Robert, Humboldt Bk bldg
Gompertz Chas. W., 503 Market
§Grace & Bernieri, Claus Spreckels bldg
Gutleben Bros., New Call bldg
Hannah Bros., 142 Sansome
§Hannah J. S., Williams bldg
Hansbrough-Johnston Co., Monadnock bldg
Hansen F. L., 200 Polk
Harney Jos. G. (Street), Pacific bldg
Hayes Oser Co., Call bldg
Healy-Tibbitts Const. Co. (Excavating, Fireproof Construction, etc), Main & Market
Henderson W. D., Monadnock bldg
Henning Wm. H., Hearst bldg
Hjul Jas. H., 57 Post
Hock Chas., 180 Jessie
Hogberg & Ludwig, 180 Jessie
Holt O. C., 110 Jessie
Houghton Constr. Co., 544 Market
Houghton Shirley, Phelon bldg
Hoyt H. P. Co., Monadnock bldg
*Hyde, Harjes & Co. (Bridges, etc), 110 Market
International Diamond Drill Contng. Co., Hobart bldg
Jensen G. P. W., 320 Market
Johnson Joel, 110 Jessie
Klyce, H. A., 72H New Montgomery
Knowles & Mathewson, Call bldg
Koenig Chas. J. U., 110 Jessie
Kronnick Bros., 1659 O'Farrell
Larsen Chris, 110 Jessie
Larsen-Sampson Co., Crocker bldg
Leiter E. T. & Sons, Call bldg
Leonard J. J., Phelan bldg
Lindgren Co., Monadnock bldg
Lynch Hubert T., 180 Jessie
Lynch P. J., 1701 Irving
McClenahan T. W. & Co., Call bldg
McGinn G. W. & Co. (Sewer, etc.), Phelan bldg
McHugh Owen (Excavating & Grading), Russ bldg
McKenzie W., 734 Washington
McLaughlin J. L., 244 Kearney
McLean Neil A., Chronicle bldg
§McLeran & Peterson, Sharon bldg
McSheehy Bros., 73 Langdon
Macdonald & Kahn, Rialto bldg
Mahony Bros., Crocker bldg
Malloch J. S., 110 Jessie
Marcussen Marcus, Am. National Bk bldg.
Markie R. B., Hearst bldg
*Marsh Bros. & Gardenier, Monadnock bldg
Martin Wm., 110 Jessie
Masow & Morrison, Monadnock bldg
Mealey & Collins, 180 Jessie
Merchant C. T., 180 Jessie
Moller R. W., Call bldg
Monk John, Sharon bldg
Monson Bros., 1907 Bryant
Moore & Watson, 110 Jessie
Moores-Bode Gravel Co., Tara & Geneva
Moran Improvement Co., Monad bldg
Mortenson Construction Co., 19th & Indiana
Mulcahy Bros., 180 Jessie
Nelson & Bauer, Fulton & Gough
Newsom Wm. A., Sharon bldg
Nichols H. D., 1381 Stevenson
Nimmo Geo., 634 Clay
Nugent Robinson, 2165 Market
*O'Brien Jas. H. (Street), Hearst bldg
O'Neill Daniel, 273 Minna
§Owsley Burt T., Call bldg
Pacific Const. Co., 16 California
Pacific Engineering & Construction Co., 544 Market
Pacific Fence Const. Co., 245 Market
Pacific Pumping Co., 350 Battery
Palmer & McBryde, Hooker & Lent bldg
Palmer & Petersen, 681 Market
Parker K. E. Co., G. G. Park Museum
Pasqualetti Joseph, Humboldt Bk. bldg
Penny Isaac, Phelan bldg
Petersen H. L., 735 Treat
Petterson & Persson, 62 Post
Price Thomas H., 201 Sansome
Rainey W. A., 180 Jessie
Rednall W. W., 110 Jessie
Reeder A. J., 110 Jessie
Ringrose R. & Son, 320 Market
Ritchie F. R. & Co., Chronicle bldg
Robinson & Gillespie, 1051 Sutter
*Rolandi F., 550 Montgomery
Ruegg Bros., Pacific bldg
San Francisco Bridge Co., Nevada Bk. bldg
Savage M. J., Flatiron bldg
Shattuck Edinger Co., 525 Market
Sly L. H., Stanford Court Apts
Smith J. H., Monadnock bldg.
Smith Rice Co. (Riggers), 148 Spear
Spalding Const. Co., Rialto bldg
Spargo John, 240 Montgomery
State Improvement Co., Crocker bldg
§Stock Lester H., 110 Jessie
Stockholm Chas. & Son, Monad bldg
Stockholm & Allyn, Monadnock bldg
Stone E. B. & A. L. Co., Rialto bldg
Storrie R. C. & Co. (Sewer), Crocker bldg
Taylor & Jackson, Call bldg
Taylor & Goericke, Sharon bldg
Thomson Bridge Co. (Bridge, Sewer & Public), 108 Main
Thorpe J. T. & Son, 525 Market (Brick)
Threlkeld M. C., 65 Market
Thurston E. T., 57 Post
Tibbets Pacific Co., 16 California
Troback B. A., 180 Jessie

Trost Robert, 26th & Howard
Trounson J., 121 5th
Tucker E. W. & Co., 347 Fremont
Twohy Bros. Co., Hobart bldg.
Twohy Bros. Co., Hobart bldg
Union Construction Co., 604 Mission
Utah Const. Co., Phelan bldg
Van Sant-Houghton Co., 544 Market
Vaughan H. G., 68 Post
Vitrolite Const. Co., 1490 Mission
Wagner Geo., 251 Kearney
Walker P. J. & Co., Monadnock bldg
Watson Daniel, 39 St. Ann
§Westerlund J. V., 320 Market
Western Motor Draying Co., 373 Noe
Western States Const. Co., Hearst bldg
White & Gloor, Monadnock bldg
Wilhelm A. H., 180 Jessie
§Willett & Burr, Sheldon bldg
Williams Howard S., Hearst bldg
Williams J. G. Const. Co., 519 California
Wold C. L. Co., 75 Sutter
§Wright Chas., 517 2d

SAN JOSE—Wallace & Bush (Engng)
SANTA BARBARA—Johnson Magnus
SANTA MARIA—Doane G. M. & Sons
SELMA—Jourdan I. (Cement)
STOCKTON—Clark & Henery Construction Co.

COLORADO.

DENVER—Brown & Schaepferman, Continental bldg
Colorado Wrecking & Building Co., 1426 2d
Denver & Pueblo Const. Co., 3262 Blake
Denver Wrecking & Const. Co., 851 Delaware
§Dunn Chas. J., 1328 Inca
Farrar & Guy, Quincy bldg
Kirchhof Frank Lumber Co., 7th & Lawrence
§Lambe C. S. & Co. (Engineers), Tramway bldg
Morrison Wm. O., Cooper bldg
Roberts J. F. Const. Co.
*Wogan Maurice A., 1st Nat. Bank bldg

PUEBLO—Anderson Hamill Construction Co.
Pueblo Bridge Co. (Bridge)

TRINIDAD—Crouch Lumber & Const. Co.

CONNECTICUT.

ANSONIA—Bengstom H. G.
Davidson John J.
§Nelligan Michael, Jr.

BERLIN—Berlin Construction Co.

BETHEL—Dolan Mrs. Ellen
§Senior A. H.
§Higley W. C.

BRANFORD—Rice M. P.
Sliney John T.
§Harrington C. W. Co.

BRIDGEPORT—Bechard Ephram
§Bishop John H., 171 John
Bjorlund Chas. A., 682 Dewey
Blycher August W., 3128 Fairfield av
Botsford Charles H., 1515 Park av
Bridgeport Sewer Const. Co., 165 Lindley
§Burns Co., 952 Main
§Casey & Hurley, 120 Pequonnock
Chatlos William F., 1374 Barnum av
Christensen & Christensen, 869 Grand
Cocozza Louis H., 1188 Main
§D'Agostino Jos. Co., 1834 Main.
Doherty Joseph & Bro., ft. of Hallam
Dowling & Bottomley Co., 1119 Broad
Eisenman Chas. E., 154 Linwood av
§Gallagher Building Co., 257 Courtland
Greenwood S. J.
§Grant & Fanning, 49 Smith
Grosso James
Gruss Bros.
§Hubbell S. W. Bldg Co., 589 Knowlton
Iron Ledge Co., 320 North av
Jackson & Greer, 500 Park
Johnson Edwin A.
Ley E. T. Co., 1024 Main
§McCarthy Geo. T., 929 Ironistan av
McCarthy Patrick (Mason)
McKeon & Blake (Mason)
§Marsh Bros. Co., R. F. D. 1
Martin William & Son, 164 State
§Martucci R., 1603 E. Main
Medve Peter, 130 Lenox av
Millo Pellegrino & Son, 85 Steuben
Monico Alexander (Mason)
Nooman Michael (Mason)
§Nording F. George, 1403 Boston av
§O'Brien Timothy & Son, 137 Black Rock av
Pardy T. J. Const. Co., 15 Fairfield av
Pierce Mfg. Co. (Sewers, etc.), 785 Housatonic av
Power M. J.
§Progressive Building Co., 738 Grand
§Saltman Henry B., 136 Fairfield av
Schnee & Schnee, 1115 Main
§Schultz Algott, 222 Union av
§Sheehan John R., Court Ex. bldg
Silliman & Godfrey Co., 1119 Broad (Paving)
§Smith W. A. & Son, 188 Cannon
Stewart Thos.
Toole & Sunderlin (Docks, etc.), Warner bldg
Varone Bros., 287 Davenport
Wike & Sundin, 211 State
Wolf Concrete Constr. Co., 290 Palisade av (Paving)
Zitnay Andrew, 603 Arctic

BRISTOL—§Allaire P.
Vacca Cosmo (Concrete)

COSCOB—§Peters & Probst

DANBURY—§Blackman W. B.
§Defina Rocco U.
Larson Nils
§Olmstead Fernando C.
Sturgess Frank M.
§Sunderlind Wm.
§Sweeney Luke F.

DANIELSON—Davis Frank A.

DEEP RIVER—Moore Harry A.

DERBY—§Durrschmidt Max A.
Eastern Engineering & Const. Co.
§Hession Bros.
§Hotchkiss William S.
Interstate Contr. Co. (Paving)

GLENBROOK—Raymond Everett
Tracy Edward P. (Road)

GREENWICH—§Anyan Wm. S.
§Blatch M. S., Inc., 187 Greenwich av
Christiano Joseph
Cumiskey John H.
Egan Thos. J.
Locke John
Rainey Peter J.
Wanamaker Geo. E.

GROTON—Park Elbert O.

HARTFORD—Ahern & Welch Co., 721 Main
Andrus Chas. B. & Son
Balf Edw. Co. (Excavating, etc.)
Barrett Robert W.
Belden E. S. & Sons, 217 Laurel
§Bent R. G. & Co., 904 Main
§Brooks Peter & Son, 267 White
Bryne A. W. & Sons
Bungalow Construction Co.
Burgess Construction Co.
§Caulkins W. E. & Son
Connor & Poriss, Inc.
Curtiss & Dean
Dall, Bowers, Inc., 348 Trumbull (Paving)
Ellison Construction Co., 60 Prospect
Fox T. R. & Son
Garrity Thos. F. (Mason)
Grozier Jas. H. Co.
Hanson O. L.
Hills Alfred L.
Jones Richard F.
Juster Harry
§McAuliffe & Mehegan, 720 Main
§McIntyre & Ahern
§Mahl Herman
Malcolm Thos.
Miskill Edw. J.
§Nevels Bros.
§Newton Theo. & Co.
Newton Thos. S. (Mason)
O'Brien Denis & Sons Co., 118 Asylum
O'Loughlin James
O'Neil Wm. F.
O'Neill Bros.
Petrossi Louis
Porteus Walker Co.
Provost Napoleon L.
Prescott F. G. (Mason)
§Purves Adam
Sexton W. J. (Concrete)
§Scoville Wm. H., 720 Main
§Smith & Des Champs
Squires Walter L.
Stenson Oliver E.
Thompson Geo. (Mason)
§Tryan Andrew H.
Waterman Harlan P.
Wise & Upson

HAZARDVILLE—Bridges Amos D. Sons

IVORYTON—Pieretti Bros. (Concrete)

JEWETT CITY—Gilbert Fred H.

LITCHFIELD—Fabbri Frank
Switzer Geo. J.

MADISON—Field Geo. C.

MERIDEN—Kearney Thomas (Road)
Lane Construction Corp. (Macadam Construction, etc.)
Lines H. Wales Co.
Mezzanetti Cecisare (Mason)
§Miller Lewis A.
Suzio Leonardo Const. Co. (Roads)
York Hill Trap Rock Quarry Co. (Roads, Bridges, etc.)

MIDDLETOWN—§Annino Jos. S.
Arrigoni F. & Bro.
§Baldwin Linus
Brazos A. & Sons
Donahoe Bros. (Excavating, Grading, etc)
§McKenzie Donald
Mazzotta Salvatore (Mason)
§Moore Harry S.
§O'Brien Dennis & Sons
§O'Connor James
§Stone C. O. & Son

MILFORD—§Broadwell C. H.
Clark Elbert N. & Son (Roads)

MYSTIC—Cromwell Chas. S.

NAUGATUCK—Meggin W. J.
§Reidy & Kelly (Mason)

NEW BRITAIN—Baker Milton O. (Concrete)
Baker & Lasher, Inc.
Cadwell Archie B. (Sewers, Grading, etc.)
§Carlson & Torell Co.
§Clifford A. D. Co.
Crowe Thos. W. (Mason)
§Downes John E.
Hall Bros. (Concrete)
Leavitt & Hayes, 9H Court
Lyman Abner A. (Sewer & Grading)
Maguire John P.
Ramage Ripley J.
§Rutherford A. N., Inc. (Mason)
Ulinski A. Bldg. Co.

NEW CANAAN—Mattielo Michael

NEW HAVEN—Arborio John
Augur Chas. E. Co., 549 Elm
*†Blakeslee C. W. & Sons (Sewer & Paving), 58 Waverly
Blatchley Burton N., 902 Chapel
Brazos Frank (Excavating, Sewer. etc.), 135 Foote
Carmichael D. G. (Mason), 902 Chapel
§Church Jas. A. Co., 262 Sherman av
City Point Concrete Co., 149 Greenwich av (Paving)
§Clark David H. Co., 166 Brewery
§Coan M. A., 185 Church
§Coffey Lawrence J. (Mason)
Colwell Philip (Sewer, etc.), 21 Gilbert
Connecticut Concrete Co., 185 Church
Conn. Hassain Paving Co., 902 Chapel
Dahill F. J. Co., 217 Water
Daley Robt. D. Co., 6 Church
Dwight Building Co., 24 Center
Dwyer & Mannix, 335 Shelton av
§Fowles Harry I. & Son, 188 Poplar
§Gibbud M. J. Co., 107 Water
Grant G. M. Co., 865 Chapel
§Hedges Geo. L., 330 Norton
§Hildreth J. D. & Son, 514 Elm
Hogan Jas. H., 138 Davenport av
Hoggson Bros., 129 Church
Hubbell & Merwin Co., 19 Artizan
§Humphrey John (Paving, Grading, etc.), 56 Perkins
Imperial Const. & Rl Estate Co., 29 Kensington
§Knoll Carl A. & Son, 59 Sherman av
Larkin-Carey Co.
Larson Oscar, 515 Quinnipiac av
•Lathrop & Shea Co., 185 Church
Leonard J. N. & Co., 902 Chapel
§McCaulley Harry, 42 Helen Hamden
§McFeeters Chas., 586 Orchard
Maher Thos. F. (Sewers), 883 Orange
Maher & O'Connell (Masons)
§Murdock Chas. W., 185 Church
New England Iron Works, Inc.
New Haven Engineering & Const. Co., 82 Church
§O'Brien Laurence, 70 Beach
Palmer & Lynch, 415 Campbell av, W. H.
§Patterson Wm., 241 Orange
§Penney Albert W.
Rice Jos. N., 902 Chapel (Paving)
§Ritchie Wm. Co., 115 Bishop
Russell Sam'l C., 185 Church
§Salvo Mario (Mason)
Sherman John L. (Grading, etc.),, 253 1st av, W H
*†Sperry Engineering Co., 82 Church
Sperry & Drake Co.
Sperry & Treat Co. (Masons), 39 Church
Standard Construction Co., 42 Church
Sullivan & McKeon, 843 Dixwell av
§Thomas & Hobro Co., 340 Howard av
Thompson J. P. (Excavating, Grading, etc), 204 Goffe
§Todd Jas. E., 255 Kimberly av
Warner Geo. W., 29 Circular av
Waterhouse Charles R., Jr. (Bridges, etc), 74 Park
Westcott & Mapes, 204 Orange
§Wharton G. D., 213 Winthrop av
Wooding C. F. Co., 185 Church

NEW LONDON—Andre B. (Excavating, etc.)
Burch Horace O.
§Brody & Lipman
§Cruise Edwin
Doland, J. A. & Co.
Douglas H. R. (Inc.)
*Fitzgerald J. E. Co. (Masonry)
§Fowler O. L. (Mason)
§Harvey Wm. A.
§O'Connell Michael
Redden Const. Co. (Excavating & Grading)
§Ryan J. J. (Stone & Cement)
§St. Germain Joseph A.
Scott T. A. & Co. (Dredging, Pile Driving)
§Smith & Perry
§Woodworth & Jenney Co.

NEW MILFORD—§Taylor & Buckingham

NEW PRESTON—§Pullis C. J.

NORFOLK—Snow Melville E. (Mason)

NORTH HAVEN—Bruce Lawrence (Road)

NORWALK—Carr Herbert V. (East Norwalk)
Malkin A. R. & Co.
St. John & Keyser

NORWICH—Blackledge H. & Co., 25 Seventh
Connecticut Engng. & Contracting Co.
Del Carlo C.
Dodd Thos. J. (Sewer)
Marshall Chas. O.
McQuirk Wm. H.
§Peck McWilliams Co.
Purvis David H. (Mason)
§Smith Cornelius
*Torrance Archibald (Sewer, Public Works, Waterworks, etc.)
Williams C. M.
§Young Wm. C.

OAKVILLE—§Abbott Chas. F.
§Bradshaw Alfred (Mason)

PUTNAM—§Wheaton Bldg. Lumber Co.

REDDING RIDGE—McCollam H. C.

RIDGEFIELD—§Scott Ernest

SEYMOUR—Church Stephen B. (Water Works)
§Harris William & Sons (Masons)

SHELTON—Beard B. N. Co.
§Brennan J. J. & Sons (Masons)

SOUTHINGTON—Nalon Thos. (Mason)

SOUTH MANCHESTER—Gorman Thos. J.
§Mahoney John (Mason)
§Peck A. T.

CONNECTICUT—continued
SOUTH NORWALK—Brown Alfred, 127 H. S. Main
Chariott Salvatore
Foley T. F.
Robins Thomas (Mason)
STAFFORD SPRING—Campo B. (Mason)
§Graves W. D. & Son
STAMFORD—Alevoli G., 88 Lanark rd
Dawless Frank S.
Dodge Geo. E.
Genovese Bros., 290 W Main
O'Conner Concrete Const. Co.
Palmer Frank L.
Parsons Harold A.
§Sarsfield Thomas C., 324 Main
Shea-Sullivan Co., 303 Main
Spelke Const. Co., 231 Atlantic
§Rouck J. J., Jr.
Valerio Francisco
Vuono Const. Co. (Masons), 303 Main
§Wardwell Frederick S.
Weed G. N.
STERLING—Bennett Nelson A.
STONINGTON—§Perry A. W.
Wilcox Asa C. (Mason)
STATFORD—Beardsley J. E. (Mason)
TARIFFVILLE—Ketchin A. J. & Son
THOMPSON—Vito A. Constr. Corp.
TORRINGTON—De Michiel John & Bro.
Driscoll John E. (Sewer)
§Fuller Frank W. (Mason)
Gleeson Wm. A.
Mascetti & Holley
Mawla Ernest
Torrington Building Co., Inc.
UNIONVILLE—Kribbs Benj. R. (Mason)
WALLINGFORD—Kavanaugh Edward F.
Loucks & Clarke Corp.
§Wooding C. F. Co.
WATERBURY—Altieri Bros., 145 Bishop
Barbara & D'Aurio (Sewers)
Bernier Victor, 953 Baldwin
Carey Owen
Chatfield George S. Co.
§Delowry Thos. A.
Diorio Rocco & Co. (Sewer)
Gaffney J. W. Son, 427 E Main
Goldsmith & Chatfield, 672 W Main
Hurlbut W. M. Co.
†New England Engineering Co., 31 W Main
La Croix Duhaime Co.
Machamchik & Rudrman
Mill Engng. & Constr. Co.
Poulsen Sofus S., Inc.
Spinach Henry Contracting Co. (Excavating, Grading, Sewer, etc), 216 Lounsbury
Tracy Bros. Co. (Masons)
WEST HARTFORD—Cone Robert H.
Stemberg A. C., Inc.
WEST HAVEN—(See New Haven)
WILLIMANTIC—Ahern Construction Co.
Latham & Crane
§Doyle & Murphy Co.
§Meehan & Lambert
WILTON—§Eakland C. O. & Son
WINDSOR—Searle Chas. B.
WINSTED—Carey J. F. (Grading, Waterworks & Public)

DELAWARE.

DELAWARE CITY—Anderson Jas.
Clark Harry C. & Son
ELSMERE—Banta Claude
MARSHALLTOWN—McDowell Alfred H.
WILMINGTON—Bader J. A. Co.
§Barkley N. Smith
Charles Geo. S. & Son
§Dangel David & Sonss
§Downward Alfred
§Haddock Wm. D. & Co.
§Hamilton Jos. S. Co. (Mason)
Healy John E. & Sons
Jones Wm. H. Contracting Co., 823 Shipley
Longwood, Inc.
Logue James
§McCoy S. Howard
Manufacturers' Contracting Co. (Engineers), Church & F
Melvin Thos. H.
Pyle & Stannard
§Reed A. S. & Bro. Co. (Public Work & Masonry)
Tindall, Chas. H. & Son
Tindall Wm. C.

DISTRICT OF COLUMBIA.

WASHINGTON—Ahmay G. L. & Son, 423 11th, N W
§Avery Walter B., 632 G, N W
Bache Arthur J., 1225 11th,N W
§Beahm & Rice, 615 14th, N W
Bean James W., N W cor 4th & M, N E
Boryer Harry F., 1300 F., N W
Boyle-Robertson Constr. Co., Evans bldg
Brenizer Warren F. Co., 205 Q, N W
§Breuninger L. E. & Sons, Colorado bldg
Capital Constr. Co., Portner
Case Walter, 817 G, N W
Cassidy Chas. J. Co., Southern bldg
§Clarke & Winston Co., 10th Wharf, S W
Corbett Geo. W., 409 10th N W
Cranford Paving Co. (Caisson & Bridge Foundations), 2620 E, N W
Darby R zin W., 3009 O, N W
Drew Fred Co., Woodward bldg
Edmonston Sam'l H. Co., 611 G, N W
Federal Constr. Co., Dist. Nat'l Bank bldg
Fenestra Constr. Co., Evans bldg
§Fersinger Peter, 1 N, N W
Fuller Geo. A. Co., Munsey bldg.
Garrett Wilbur R., 1416 F, N W
Gormley P. F. Co., Union Trust bldg
Gummell Edw. G. (Sewer & Public), 36 P, N W
Hampton Thomas, Union Savings Bk.
Harbin Sam'l, 326 13th, N W
§Kennedy Bros., Inc., 2400 16th, N W
§Kennon Chas. C., 814 18th, N W
Langley Chas. A., 310 12th N W
Leaman Lafayette, 1214 F, N W
Lewis Frank C., 618 12th
§Lipscomb Wm. P. & Co., District National Bank bldg
Loehler G. G. Co., Franklin Nat'l Bk. bldg
McCray Wm. H., Evans bldg
McKay & Morris, 715 14th, N W
Meatyard Constr. Co., Wilkins bldg
Meitzler & McKay, Oxford bldg
Miller W. C. & A. M., Union Trust bldg
§Mooney W. E., Evans bldg
Moses A. C. Constr. Co., 916 N. Y. av, N W
§Parsons Jas. L., Southern bldg
Perry Chas. B., 3022 14th, N E
Prescott Sam'l J. & Co., 814 13th, N W
Reeve Wm. K., 826 19th N W
Rust Engng. Co. (Foundations), 504 Distr. National Bk. bldg
Skinker & Garrett, 1416 F, N W
§Smith Arthur L. & Co., Woodward bldg
Sorrell Richard H., 329 N, S W
Stewart Jas. & Co., Munsey bldg
Sutherland W. M., Building & Contracting Co., Munsey bldg
Tribby H. B. Co., Southern bldg
Vinson Contracting Co., 203 Indiana av
§Wagner Frank L., 1413 H, N W
Wardman Harry, 1430 K, N W
Watts H. D. Co., Riggs bldg
§Weller Constr. Co., 816 14th, N W
§Westinghouse Church Kerr & Co., Wilkins bldg
§Whitty R. P. & Co., Union Trust bldg
Wilkinson Jos. R., 3326 N, N W
§Wischhusen John, 811 Butternut, N W
§Wyne Geo. E., Home Life bldg
Yost Amos S., 1004 Pennsylvania av S E
Zepp Guy S., Southern bldg

FLORIDA.

DAYTONA—Espedahl Jacob
Gove S. H.
EUSTIS—Kinser B. M.
FORT MYERS—Wallace W. R. & Co.
GREENCOVE SPRING—Rice Peter
HAINES CITY—Randall F. A.
HOMESTEAD—Umphreys J. F.
JACKSONVILLE—Bryan & Co. (Macadam Roads)
Donahoo J. D.
Jacksonville Concrete Products Co. (sidewalk, etc.), 630 Riverside av
Long Fred W. & Co.
McAden Hugh F.
Rae Robert
Ramsey Jas. (Paving)
Richardson W. P. & Co.
Ross R. G. (Public & Government Work)
Woodcock O. P.
MIAMI—Art Stone Construction Co.
John Ben Co. (Dredging)
Orr J. B.
Quinn J. J. Co.
§St. Johns Co.
Seminole Constr. Co. (Road)
PENSACOLA—Blount F. M. Construction Co.
Crona Bros. Constr. Co.
Davis L. M.
Fulghum S. L. & Co.
Pons & Sunday
Southern Paving Construction Co.
Turner C. H. & Co.
Williams N. W.
Wills C. W.
Wilson James Y.
PLANT CITY—Chapman Edgar
Fletcher R. E.
ST. PETERSBURG—Henry Walter C. & Son
Henry Walter C. & Son
Southern Construction Co.
SARASOTA—McAlpin Geo. M. (Concrete)
TALLAHASSEE—Childs Bros.
TAMPA—Bates-Hudnell-Jetton Co.
Cole W. V.
Davis & Webb
Holmes & Binkley (Paving, etc.)
Logan Bros.
Lopez M. F.
Miller G. A.
Parker E. W.
Sherrill T. B. (Paving, etc.)
Thompson B.
WEST PALM BEACH—Brown Geo. W.
Greynalds & Monroe, Inc. (Road)

GEORGIA.

ALBANY—Knight A. C.
Leonard F. B.
Smith & Watson
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EVANSVILLE—Barth John
Wehrheim E. W.
FAIRBURY—Schnetzler & Son
FARMERSVILLE—Panneton Jos.
FINDLAY—Dandy Oliver
FRANKFORT—Pfaff J & Son
FREEPORT—Babcock Alex. L.
§Blackhawk Construction Co.
Garman Bros.
Gund Graham Co. (Paving)

Hime, L. L.
Hineline J. M. & H. H.
Liejequist W. A.
Rocky Thomas
Rubendale E. I.
Shons Wm. H. (Stone, Concrete Bridges, etc.)
GALENA—Toepel H. J.
GALESBURG—McAuley J. B. (Paving, Sewer, etc.)
Dahlberg John J.
Davidson Peter McLeod
Graham King Constr. Co.
Gunther Harry H.
Miller Charles E.
Monmouth-Galesburg Construction Co.
Munson P. O.
Olson Peter T.
Ream J. A.
Rundquist C. E.
Sweeney M. E.
GALVA—Lind J.
GARDNER—Booth, Nicholson & Gilchrist
GENESCO—Larson Peter A.
GENEVA—Wheeler John Construction Co. (Work of All Kinds)
GIBSON CITY—Pinkley Geo. C.
GIRARD—Smirl T.
GLENN ELLYN—Conyert Walter P. (Concrete)
GRANITE CITY—Beale John R.
Schwarz Geo. D.
Stubbs, Warren
GRANVILLE—Colby N. H.
GREENVILLE—Van Deusen & Baumberger (Bridge)
GRIDLEY—Wooldul Geo. E.
HAVANA—Anno W. D.
HARVARD—Ward W. H. & Son
HIGHLAND PARK—Clow Fred
Delhaye Joseph
Ober W. J. (Mason)
HILLSBORO—Morgan Jas. T.
HINSDALE—Buchholz Henry
Gliesman F. (Mason)
HUBBARD WOOD—Gonsahaes R. L.
JACKSONVILLE—Cocking Cement Co.
Cherry John (Paving, Sewer, etc.)
De Gouveia Jos.
Robinson W. D. & Sons
Vasconcellos & Sons
JOLIET—Ahlvin Victor O.
Chalstrom J. E.
§Cole & Field.
Curtiss & Gindall (Sewer)
Embankment Co.
Groth Adam & Co., Inc.
Hansen & Petersen Co.
Ideal Concrete Constr. Co.
Latz Henry
Lindbland Emil
§Orbeson & Hansen
§Pease Sidney B.
Powers & Thompson Constr. Co.
Tunny Wm.
Welsh Construction Co.
KANKAKEE—Cleland G. A.
Collins T. P.
§Houde Construction Co.
McMullen Harry (Paving)
Paulissen J. P.
Roat Oakley
KEWANEE—Carlson A. E.
LA GRANGE—Anderson Albert
LAKE FOREST—Paape W. O.
LAKE VILLA—Hamlin & Sons
Noonan James H.
Salmon John & Co.
LANARK—Sword G. W. & Son
LA SALLE—Goodman E. & Co
Keys T. W. (Sewer & Paving)
LEWISTON—Hughes Job.
LITCHFIELD—Fellner Geo. C.
MACOMB—Fuhr H. H.
MARION—Lough W. & Son (Concrete)
MARSEILLES—Quinn Oscar
MASCEUTAH—Schubert Robt.
James & Shinn Co.
MATTOON—Loomis A. C. Co.
§Ozee J. S. Sr.
Powell Constr. Co.
MAYWOOD—Barker John W. (Paving)
MELROSE—Cortino Ross (Cement)
MENDOTA—Larabee Chas. D.
Zolper Henry & Son
MOKENA—Oswald J. G.
MOLINE—Brissman & Co.
Heaps Clarence E. (Bldr. & Gen'l)
Lorenz P. H.
Lundahl Bros. Fuel & Contracting Co.
§Peterson Peter (Bldr. & General)
MONMOUTH—Galesburg Construction Co.
MONTICELLO—Lodge W. F.
MORRIS—Bell Alexander (Cement & Stone)
MORRISONVILLE—Donnelly Henry E.
Marsch Louis (Concrete)
MOUND CITY—Harris D. D., Jr.
NEWMAN—Vermilion Wm.
NORMAL—§Haffington F. A. & Sons
OAK PARK—Bernard J. L. S.
Caron August S.
Goelitz Henry G.
Guy & McClintock Co. (Mason)
Harper & Buttendorff Co. (Masons)
Sias & Son
ODELL—Upham Chas. S.
OTTAWA—Dougherty J. M. (Sewer)
§Jeffrey W. A. & Sons
Kerste Aug. & Co.
Leix Joseph W. (Concrete)
McCormick John C.
§Sinnott Bros.
Woodward I. L.
PEKIN—Brookings John G.
Conklin-Reuling Co.
Jansen & Schaefer
Lampitt Ed. F.
Velde C. L. & Co.
Zimmer John E.
PEORIA—§Allen W. M. Son & Co.
Barnewolt Constr. Co.
Bushell A. A. & Son
Dunlap & Coleman Co.
Enterprise Stone Co.
Filay Wm. F. (Cement)
Iber Conrad Jr.
Jobst V. & Sons
Moritz G. (Cement)
Thompson A. L. Co.
Voos John & Son
Wall, William G. & Son
PEOTONE—Carter Chas. H. (Cement)
Continental Bridge Co.
PERU—Koehler F. A.
Peru Construction Co.
Schweickert H. E.
Stangel & Boekling
Trompeter Joseph (Paving, etc.)
QUINCY—Brinks Henry & Sons
Buerkin & Buerkin
Buerkin & Kaempen
Clough Concrete Construction Co. (Concrete & Bridge Construction)
Dilker, D. H. & Sons
Durfee E. J.
Menke F. W. Stone & Lime Co.
Meyer & Peters (Concrete)
ROCKFORD—Beckstrom Ross P. & Co.
§Cook Wm. H.
General Engng. & Const. Co. (Concrete)
Holm Page Co.
Lynddon B. R.
Mackenzie R.
McLee John
Nordstrom C. T. (Cement)
Pearce Bros.
Rockford Concrete Co. (Reinforced Concrete Work)
Rutledge A. E.
§Van Alstyne Walter & Co.
ROCK ISLAND—Anderson Aaron
§Chambers F. M.
§Horst Henry W. Co. (Bldrs. & General)
§Hudson Collins & Hammerich (Bldrs. & General)
Larkin C. J.
Nelson Bros.
Paulsen Henry F.
Sievers Jasper
Tappendorf H. W.
§Volk John & Co. (Bldrs. & General)
ST. ELMO—*Johnston P. M. Co.
§Maus C. W.
ST. JOSEPH—Fenwick C. C.
SANDWICH—Franklin Geo.
Humiston Edgar
Striegel Geo. J.
SPRINGFIELD—Biggs & Son
Bretz John E. (Sewer & Paving)
Fitzsimmons, Frank
Gehlman F.
Hooker E. W. & Co. (Concrete)
McKee Construction Co.
Nelch Henry & Son (Paving)
Welch Henry & Son
Wilson J. F.
Sime John
Wise & Son
STERLING—Hess E. C.
Lingham John
Powers J. M.
Ramsdell R. H., Construction Co.
Ramsey H. H.
STOCKTON—Schroeder Bros.
TREMONT—Cullihan R. A.
Pugh Wm. (Cement)
Swartz G. A. (Paving)
SYCAMORE—§Quist Samuel
TAYLORVILLE—Morris William J & Son
VERMONT—Rankin F.
Thompson Geo. E.
VILLA GROVE—§Schwartz F. J.
WILMETTE—Crabb James
Scheidenhelm Ed. D.

INDIANA.

ALEXANDRIA—Sullivan, Mason & Sullivan (Stone Contractors)
Walker Marion M. & Son (Roads, etc.)
ANDERSON—§Colvin Albert Leslie
Daniels & Lyst
§Eshelman David & Son
Kelly Thos. P.
Madison Construction Co.
Savage Chas M.
§Thompson William E. & Son
§Wright Benj. F.
BEDFORD—Hunter M. W.
King & Estridge
Smith Gus A.
BRAZIL—Cutshall & Cutshall
Jones, Underwood & Fletcher (Cement)
Shattuck Austin M.
BROOKSTON—Vanatta John C. (Dredging)
BROOKVILLE—Wilson T. F. & Son (Road, etc.)
COATESVILLE—Lisby & Masten (Road)
COLUMBUS—Dunlap & Co.
§Graffa & Son
Robertson Geo. W. & Co.
Schoonover Henry A.
CONNERSVILLE—§Disborough Geo.
§Miller S. E.
§Stoops Thos. H.
CRAWFORDSVILLE — Buchanan Washington T. (Road)
Carr W. C. & Son
Harding, Slattery & Buchanan
Nolan & Johnson
§Swan & Son (Brick)
CROWN POINT—§Crowell E. H.
Muzzall F. E. (Concrete)
DELPHI—Clauser W. H. & Sons
O'Connor John C & Son
DUNKIRK—Hayes Const. Co.
ELKHART—§Bushnell G. B.
Kistner Geo. C.
Northern Const. Co.
Yost, John C.
ELWOOD—§Digel S. H. (Large)
Hicks W. R.
§Wood J. J. & Son
EVANSVILLE—Anchor Concrete Const. Co.
§Anderson & Veatch
Bedford Nugent Co. (Paving)
§Bippus Jacob & Son
§Hoffman M. J. Const. Co.
Hollerbach & May Contract Co. (River Harbor, etc.)
Kanzler Chris & Son
National Contract Co., River & Harbor
§Scarborough-Davies Co.
Whitehead Bennett (Bridge & Road)
FORT WAYNE—Beers Const. Co.
Borkenstein B.
Brooks Construction Co.
Brown J. O.
Buesching & Hagerman
§City & Suburban Bldg. Co.
Derheimer & Co. (Sewer & Public)
Foohey Timothy Dredging Co.
Fort Wayne Roofing & Paving Co. (Paving)
Grace Constr. & Supply Co.
Henry Jas. M.
Hilgeman Henry
Indiana Engng. & Constr. Co.
Kinder Paul P.
§Liebman Ernest F.
Moellering Construction Co.
Olds C. L. Construction Co. (Public Work)
Rump Fred J.
WESTERN GAS CONSTRUCTION CO. (Gas Works, etc.), 1431 Buchanan
Wildwood Builders Co.
FRANKFORT—Barnett F. P.
Cohee A. F. & Co.
Frankfort Construction Co. (Paving, etc.)
Good & Lee
Huffine Chas. C. & Co.
Kelley Bros. Road)
McKinsey & Jenkins (Road)
Nees & Co.
Ross John A.
Snyder & Barnett (Road)
GARY—Cain Construction Co.
§Dexter H. H.
Frost Jos.
Gary Const. Co.
General Constr. Co.
Holben M. W. (Sewer)
Smith Sela A.
Ward Oliver Q.
Cripe & Seaman
GOSHEN—Cripe & Seaman
Hatch W. W. & Son's Co. (Paving & Public)
GREENFIELD—Fry James W.
Gant Edward G.
Gillespie Adam
Hooton & Son
Kirkpatrick Christian M. (Paving & Public)
GREENSBURG—Isgrigg W. H. & Son
*Pulse & Porter
HAMMOND—§Dickover M. A.
§McClay John H.
HUNTINGTON—Hipskind Philip & Son
Keefer & Bailey
INDIANA HARBOR—Callahan & Schock
§Doppler Jos.
Orth Frank
INDIANAPOLIS—Abel Bros., Am. Central Life bldg (Cement)
American Constr. Co. (Street, Sewers, etc.), Castle Hall bldg
Austin Co., 402 S Meridian
Bedford Stone & Const. Co., Fletcher Sav. & Trust bldg
Builders Const. Co., 540 N Meridian
Capital Constr. Co., 415 8th & Market
Central States Bridge Co., 601 Beecher
Chandler Geo. M. Co., 1523 W Market
§Conder & Culbertson, Odd Fellows bldg
§Cones Frank, 408 Lombard
Consolidated Constr. Co., 327 Law bldg
Cornelius Henry D. Co. (Sewer), 3014 Calvelage
§Dollman Henry, 1207 N Illinois
Driscoll T. J. & Co., Mers Bank bldg
§Dunn Geo. O. & Bros.
§Elder Robert L., 219 N Delaware
§Everly Wm., 314 Newton Claypool bldg
Guthrie-Thompson Co., Lemcke bldg
Hackedorn Contr. Co., Board of Trade bldg
§Hall-Curry Const., Co., City Trust bldg
Hardin Const. Co., 3220 E Michigan
Heinzmann G. W. & Son, Lemcke bldg
§Howard C. W., 3318 E 10th
Indiana Asphalt Paving Co., 25th & L. E. & W. R. R.
Indianapolis Concrete Co., Board of Trade bldg
Irvington Bldg. Co., Law bldg
Jose-Balz Co., Lemcke Annex
§Jungclaus W. P. Co., 827 Mass. av
Karstedt J. G. (brick), Lemcke bldg
§Klausmann Henry W., 35 W 36th
Kottolowski Ernest F. & Co., 1123 Olive
§Kuert Contracting Co., Majestic bldg
Latham & Walters, State Life bldg

INDIANA—Indianapolis—continued
Mansfield Engineering Co., Fletcher Trust bldg
Marion County Const. Co., 1600 S West
Meid Frank, Farmers' Trust bldg
§Millikan Lynn B. Inc., 1556 Lemcke annex
§Moon C. H., 220 E 16th
National Concrete Co., Lemcke buldg
Noe Nicholas, Lombard bldg
§Pease C. R. Construction Co., Bd. of Trade bldg
§Pierson Chiron C., Mers. Bank bldg
Reliance Const. Co., Board of Trade bldg
Republic Constr. Co. (Street), E. 31st & L. E. & W. R. R.
§Retmier Frank C., Lemcke bldg
§Scott D. I. & Co., 148 N Alabama
§Scott W. P., 2907 Sherman av
Sells Corwin P., 1901 Talbot av
Sheehan Construction Co., 309 Holiday
Shiel-Chapin Const. Co., 220 N Illinois
§Smock F. C., Lemcke bldg
State Constr. Co., 736 K of P.
§Thrush Perry R., Lemcke bldg
Union Asphalt Const. Co., Lemcke bldg
Volpp & Fritz, 445 Sanders
Watson John, 4004 N. Capitol av (Paving)
Wehking Chas. F. Co. (Brick), E 147th & Market
§Wolf & Ewing Const. Co., Hume-Mansur bldg
*Yawger A. J. & Co., 450 N Belmont av
KENDALLVILLE—Diggins G. F.
KIRKLIN—*Sparks Thos. E. (Bridge)
KOKOMO—Hatton Ed. T.
Kokomo Const. Co.
§Moore & Danner (Bldrs. & General)
Morgan Wm. Z. (Brick)
Watson Jas. H. & Co. (Municipal Work)
LAFAYETTE—Brown G. S.
Chew, Joshua & Co.
Evans Bros.
Herzog Geo. P.
Kemmer Alva E.
Lafayette Eng'ng Co.
Levandowski Peter
§Moore Robert S.
Western Const. Co. (Paving, Drainage, etc.)
LA GRANGE—Walb C. A.
LA PORTE—Hasselfeldt Chas. & Co. (Masons)
Larson-Danielson Constr. Co.
Struss Chas.
LEBANON—Adam John (Cement)
Boone Constr. Co.
Busby George
Dale Chas. M. & Co. (Road)
Fullwider & Kernodle (Road)
McDonald E. L. & Son (Bridge)
Miller Geo. T.
Shahan Patrick & Son
LEWISVILLE—Smith R. R. Sons
LOGANSPORT—Baker & Price
§Barnes Bros.
Barnes Harry A.
Barnes James I.
Girton & Perry
Hall Joseph
§Horn Carl J.
McHale Martin (Road)
Medland Bros.
Palmer, Moore & Co.
LOOGOOTEE—Van Hoy & Son
MARION—Minnick W. H.
§Reed & Rish
Simmons Oren J.
Yates Wilbur
MARTINSVILLE—Cunningham Constr. Co.
Martinsville Constr. Co.
MICHIGAN CITY—Hutchinson W. B. & Co.
Koellen Henry
Southland J. E. & Son (Cement)
Telschow Fred
MISHAWAKA—Rosewarne Wm.
MUNCIE—Hager O. J.
§Hartley Jno. J. Agency
Hines Frank & Son (Road)
Hutchings John F.
Illingsworth Fred
§Snyder Jos. B.
NEW ALBANY—Day Stephen & Son
§Home Development Corp.
Thomas H. D. & Son
NEW CASTLE—Burk Constr. Co.
Burk Frank
Faust Samuel
Garvey James (Cement)
Minnick Constr. Co.
NOBLESVILLE—Durflinger John W.
Findley H. L. Co.
Jackson J. W.
NORTH VERNON—Miller B. P. (Concrete Work)
*Miller J. H.
PENDLETON—§Maul Walter
Reason J. D. Co.
PERU—Goodall J. B. & Sons Co.
Stauter Ira H.
§Thomas Bros.
Tripper Allen G.
PLYMOUTH—Ness J. S.
O'Keefe Arthur W.
Price & Rosenburg
RENSSELAER—Smith W. F. & Co. (Roads, etc.)
RICHMOND—Hendrix W. F.
Hipskind John F. (Sewer & Street)
*Johnson B. & Son (R. R.)
Slick F. E.
ROACHDALE—Smith Albert
ROCHESTER—Davidson A. C.
Holman Hugh B.
Rochester Bridge Co.
ROCKVILLE—Jerome Edgar
Noble Sidney A.
Van Fossan Jefferson P.
RUSHVILLE—Herkless A. R.
Wilk & Co. (Road)
SHELBYVILLE—§Meloy John F.
SOUTH BEND—Barnes H. N. (Paving)
Christman Henry G. Co.
Davis Geo. A. Const. Co.
Defrees C. H.
Eckler Henry Mfg. Co.
Gunderman George J.
Hoban & Roach (Sewer, Paving, etc.)
Hoffman Geo. J. Co.
Kuehn Jorden Co.
Neitzel B. H.
SULLIVAN—§Nicholas Frank J.
Routt Bros.
Sullivan Bridge Co.
SWAYZEE—Foltz Cyrus (Cement)
TERRE HAUTE—Bennett-Barnes Co.
Ainsworth Constr. Co.
Dorsey Wm. C.
Foulkes Contracting Co.
Houff A. Dale & Co.
Independent Const. Co.
Kintz P. C. & Sons
Martin T. J. Co.
Meyer Ed. H.
Newahrt & Newhart, Inc.
Nicholas H. R. & Co.
Pierson & Bro.
§Reinhardt Adolph
Robertson Jesse
Roehm Bros.
TRAFALGAR—Pickerell O. L.
VALPARAISO—*Clifford P. T. & Son
WABASH—Hipskind Alois F. (Roads & Paving)
Hipskind Chas.
Hipskind Geo. C.
Lynn Bros.
Todd Construction Co.
§Wabash Construction Co. (Bldrs., etc.)
WALDRON—Avery Wm. (Road)
Haymond & Howard
WALDRON—Haymond & Howard
WARSAW—Frush J. P. & Son
WASHINGTON—Bogard Noah (Concrete)
Brown R. A. & Co.
Morton Bros. & Co.
Routt W. A. & Son
WHITING—Nejdl & Greenwald
WILLIAMSPORT—Carmichael Wm. P. Co. (Large, Contrs. & Engrs.)
WINAMAC—Winamac Construction Co.
WINCHESTER—Thornhill J. H. (Bridges)
WOLCOTTVILLE—Myers Chas. E.
ZIONSVILLE—Gregory Frank M.

IOWA.

BELLE PLAINE—Conklin Henry B.
Park Jas. & Co.
BURLINGTON—Beck H. A.
Burlington Construction Co.
Ellers Henry (Cement)
Guenther Fred W.
Hassel C.
Johnson Algot (Cement)
Thye John
Woodcock & Walter
Young & Buescher Const. Co.
CEDAR RAPIDS—Edinger Ed. Co. (stone)
Edinger Ed. Co. (stone)
§Fisher R. H.
Ford Paving Co.
Hopp J. W. Construction Co.
Klepach John (Mason)
Leefers J. F. Co.
§Lightner Bros.
§Loomis Bros. (Gen. & Concrete Const.)
Smith A. J. (Mason)
Stark T. & Co.
§Sutherland Thos. M.
Tschirgi M. & Sons
CLINTON—Carey Thos. & Sons
Clarke Construction Co.
Haring D.
Hawley & Cheadle Construction Co.
Krieger Ed.
Logan Bros.
Rink & Schnell
COUNCIL BLUFFS—†Anderson Bros. Co.
Council Bluffs Concrete Co.
§Hansen Joe
Jensen Bros. Co.
Lana Construction Co. (Bridges, Paving, Sewers, etc.)
§Myrtue Bros.
§Norgaard C. C.
*O'Connor Jas.
§Pennell C. M.
Saguin Jas.
Wickham Bros. (Brick)
*Wickham E. A. & Co. (Paving, Sewer & Water Works)
DAVENPORT—Central Eng. Co. (Concrete Bridges, etc.)
Coen & Conway
Gould Construction Co. (Bridges)
Hubbell Construction Co.
Independent Construction Co.
Iowa Const. & Engng. Co.
Koltzau & Myers
Littig Construction Co.
McCarthy Improvement Co. (Paving, etc.)
Nebergall J. F. & Sons
Phillips Harry W.
Plambeck H. Wm.
Ryan D. J. Construction Co. (Grading, Paving, Concrete Work, etc.)
Scott & Bitterman (Electrical)
§Tri-City Construction Co.
*Walsh Construction Co.
DES MOINES—Benson John A. Contr. Co.
§Brereton W. H.
Des Moines Engineering & Construction Co.
Iowa Bridge Co.
§Keyes L. D.
King Geo. M. Construction Co.
*Koss Construction Co.
Kucharo W. F. & Co.
Lovejoy J. E.
Maine James & Sons Co.
Moffatt Co.
Neumann Arthur H. & Co.
Stark N. M. & Co. (Bridge)
Turner J. W. Improvement Co. (Sewers, Paving, Bridges, Underground Conduit, Waterworks, Dams, etc.)
§Tusant J. E. & Son Co.
Wagner T. S.
Weitz Chas. Sons
DUBUQUE—Braun Chris.
Efferding T. G.
Eisbach Peter
McNamara C. B. & Co.
Mueller Henry
Ney Albert
FORT DODGE—Jensen Construction Co.
IOWA CITY—Franklin Chas.
Freyder F. X.
KEOKUK—Cameron's Jas. Sons
*Cameron Joyce & Co. (Levee, Railroad, Sewer & Public)
*Joyce Bros. & Co.
Young Jno. W.
LE MARS—Huxtable John
MARSHALLTOWN—Jacobson John
Reimar C. F. & Co.
Ingersoll Stouffer Engng. Co.
MASON CITY—Bowen S. R. Co.
Henkel & Brown
Irwin William R.
Stratton B. L.
OSKALOOSA—Carlon Construction Co. (Paving, etc.)
OTTUMWA—Ottumwa Bridge Co.
Ottumwa Mill & Construction Co.
Ottumwa Supply & Construction Co.
SIOUX CITY—§Babue F. X. & Sons
Betts Robt. E. (Paving)
Coomer & Small Co.
Federation Construction Co.
Fogel Construction Co.
Guarantee Construction Co.
Hanlon & Okes, (Paving)
Houx Frank T. & Son.
Jensen & Krage (Paving)
Keefe Constr. Co.
Lytle Construction Co.
Olen Norman
Ostling Andrew
Overson Julius & Co. (Paving)
Pilchard Building Co.
Riesche & Sanborn
Short B. E.
Spowage James Co.
Sulzbach F. J.
Ward & Weighton
Williams C. M.
Younglove J. F.
WATERLOO—Black Hawk Construction Co. (Bridges, Reinforced Concrete Construction, etc.)
Chapman F. W.
Dearborn Construction Co. (Paving, Sewers, etc.)
Lauritzen Construction Co.
McDonnell T. F. & Co.
Maine H. A. & Co.
Moore & Young
Waterloo Const. Co. (Concrete Const. & Bridge Bldrs.)
WEBSTER CITY—Austin A. H. (Bridge)
Quackenbush J. E. (General & Bridge)
Zitterell W. J. Co.

KANSAS.

ATCHISON—Braum H. & Son
Schaeffer George H. T. & Co.
FORT SCOTT—Ireland & Rollings
Simons C. A.
Thogmartin & Gardiner (Street, Road, Sewer, etc.)
INDEPENDENCE—Brewster Bros.
KANSAS CITY—Brown Bros. (Grading, etc.), 11th & Muncie blvd
Kepler H. A., 700 N 12th
PARSONS—Cohoon U. G.
TOPEKA—Capitol City Vitrified Brick & Paving Co. (Sewer, etc.)
Kaw Paving Co. (Paving)
Spencer F. M. & Son

KENTUCKY.

ASHLAND—§Wilson A. A.
BELLEVUE—§Geeslin Jos.
BOWLING GREEN—Murphy Bros. Co.
COVINGTON—Behle C. J. & Sons Co.
Craig J. J.
Felton M. Sons & Co.
House C. W. & Sons
Northcutt Bros. Co.
Pohlkamp H.
HENDERSON—Johnson P. P. & Son
LEXINGTON—Bateman W. M.
Home Const. Co.
§Carey-Reed Co.
Howard Albert
*Mason & Hanger Co.
LOUISVILLE—Adams & Sullivan
Anderson A. J. & Co.
Bickel Henry Co. (Grading & Excavating)
Cahill J. H.
Central Concrete Const. Co.
Eady Geo. M. Co.
Figg L. R. Co. (Street)
Greiner T. Bldg. & Cont. Co.

Hancock L. W.
Koerner C. A. & Co.
Koppelman Wm. H.
Lichtefeld, Metzner & Co.
§Miller F. H.
§Modern Bldg. Co.
Nat'l Concrete Constr. Co.
Nat'l Roofing & Supply Co. (Paving)
Rommel G. H. Co. (General)
§Short F. Co.
Shrader Bros.
Struck Alfred Co.
Thomas C. F. & Co.
Union Constr. & Bldg. Co.
Wirth P. & Son
Young & Humphrey

NEWPORT—Ader Frank G. Const. Co. (Engr. & Contr.)
Bertke H. & Son (Concrete)
Bowman Ben
Gubsen Bros. (Cement)
McLane John B. & Co. (Sewer)
Schuchter Anton
Trapp Daniel (Paving, etc.)

OWENSBORO—Davis J. P.
§Farnsworth R. P. & Co.
Tennes & Greenwell (Concrete)
Whitehead John W.

PADUCAH—Karnes W. M. & Sons
Katterjohn F. W. Const. Co.
Katterjohn G. W.
Lockwood Gus

SHELBYVILLE—Fitch Will A. & Co.
§Gruber & Doss
§Miller Bros.

WINCHESTER—Clark County Const. Co.
Stevenson W. Ward

LOUISIANA.

LAKE CHARLES—Delatte & Lagrange
McCorquodale W. M. (Road)

NEW ORLEANS—Alexander Lester F. & Co.
Bell & Clairbone, 1240 Dauphine
Blakemore Constr. Co.
Blum & McNamara, Inc., Whitney bldg.
Bond H. W. & Bros.
Catrano & Federico
Castanedo Walter (Power Plant), 1101 Hennen bldg.
Chisholm J. O. & Co. (Large)
Craven & Lang (Paving), Hibernia blk
Doullet & Williams, Inc., 816 Howard av
Egan Thos., 4330 Canal
§Favret Lionel F., 307 Tulane Newcomb
Fectel Maurice
Fromherz & Drennan, Q & C bldg
Geary James, Perrin bldg
Givin O. M. Const. Co., Hennen bldg
§Glover Geo. J., 1022H Whtiney bldg
Gore D. B. Co., Inc.
Grasser Contracting Co., 912 Hennon
Gwin O. N. Const. Co., Hennon bldg
§Hortman Co., 3110 S Carr
Jamison & Hollowell, Homedale
§Jefferson Const. Co., Q. & C. bldg
Kane-Kelly Contrg. Co., Audubon
Koch Julius, 219 Carondelet
§Lagasse Paul, 826 9th
Larsen Chris., Hennen bldg
§Lennox Jos. W.
§McCarthy Richard Jr., 518 Carondelet
Noullett F. A. & Son, Audubon bldg.
Petty J. A., 607 Godchaux
Reimann G. E. & E. E. Co., Nap av & Pitt
§Ridgeley Bros., Ltd., 351 Carondelet
Riess John
Scott Nat'l G., Hennen bldg
Sintes Chas.
Theobold Gustave A., 624 Spain
Tranchina D. J.
Van Meter W. W.
Walther Henry, Hennen bldg
Zimmerman Jacob & Son, Whitney blk

SHREVEPORT—Chatwin Bros. Riprap & Contracting Co. (Street & Public)

MAINE.

AUGUSTA—§Brooks Chas. A.
Hanson Alfred & Son (Masons)
§Hoxie C. E.
Purinton Bros. Co.
Tracy & Metcalf

BANGOR—Bangor Brick & Constr. Co.
Cutter Leslie W.
Foster & Loftus
Grady John & Son
Spellman Jos. F. & Sons Co.

BATH—Carlton F. W.

BRUNSWICK—§Colby Frank A. & Son
§Hacker C. E.

LEWISTON—Harkins M. T.
Lane Geo. W. & Co.
Saucier Thos.

PORTLAND—Bennett Contracting Corp. (Wharf)
Blackstone & Smith, Masons
Cobb & Webster
Cummings H. P. Constr. Co.
Cunningham F. W. & Sons
Googins & Clark
Griffin D. F. & Bro. (Paving & Public)
*†Gulliver John W.
Hanson Charles A.
Helms Butler Co.
§Howatt C. B. & Son
§Johnson E. G. Co.
Libby E. D. & Son
Mahoney Construction Co. (Paving, Grading, Sewer, etc.)
Porter-Burnham Co.
§Redlon N. E. Co. (Masons)
Rogers, Spencer Son
Rumery F. A. Co.
Williss & Rumery Co.

SOUTH PORTLAND—Marshall Frank H.

WATERVILLE—Purinton Horace Co.
Winters Henry T. & Son

MARYLAND.

BALTIMORE—American Paving & Contrg. Co., Montebello av
Amrein Wm. R., Fulton av
†Andrew David M. Co., Mt. Vernon av
Balto. Engine Co., 221 N Calvert
Bennett Benj. F. Bldg. Co., 123 S Howard
§Bennett Geo. W., Franklin bldg
§Brown Harry H., 212 Clay
§Bunnecke Geo. & Sons, 2 E. Lexington bldg
*Claiborne, Johnston & Co., Garrett bldg.
§Cogswell-Koether Co., 406 Park av
Consolidated Engineering Co. (Brick Paving), Calvert bldg
Cornell W. G. Co., Munsey bldg.
§Cowan Bldg. Co., 106 W Madison
§Cushen P. J., 217 St. Paul
§Davis Milton C., 902 W. 36th
§Decker Fred'k & Son, 1209 E Biddle
Deverell, Spencer & Co., Garrett bldg
Elder Paving & Contrg. Co., Montebello av
§Eyring E. & Sons, 800 S 3rd
Fedeli A. F. Co., Vickers bldg
§Flanigan P. & Sons, Harford rd & B. & O. R. R.
Fox H. W. & Co., 2917 Greenmount av
§Frainie Bros. & Haigley, 18 Clay
§Frazier R. H. & Son, 224 W Mulberry
Gartrell J. Burgess & Co., 621 S. Pulaski
Garthe William Co., 2340 Oak
Gladfeller & Chambers, 36th & Roland av
§Guttmann Paul H. & Co., 1536 N Gay
§Harn Willard E. Co., 2314 Oak
§Hiltz John & Sons, 3 Clay
*Jones T. B. (Sewer, Masonry, Wharf, etc.), Fidelity bldg.
§Kefauver & McLaran, Equitable bldg.
Kelly John H., 1208 E Biddle
Kimball-Tyler Co., Inc., 261 S. 8th
Kirwan Constr. Co., H. Munsey bldg
§Knell Andrew Jr., 225 Cortlandt
Long Geo .Contr. Co., 13th & 1st av
*McCabe James F. Co. (Paving, Tunnel, Bridge & Railroad), Equitable bldg.
McCauley W. H. & Son, 1018 Mrymns av
§McCulloh R. N. & Co., 118 E Lexington
*McLean Contracting Co. (Dock, Bridge & Railroad), Fidelity bldg
Madison Const. Co., 212 Clay
§Mason Randolph B., 308 W Madison
Maryland Dredging & Contr. Co., Fidelity bldg.
§Miller J. Henry (Inc.), cor Eutaw & Franklin
Minor Bros., 224 W Pratt
§Monmonier, Geo. B., 1711 McCulloh
§Morrow Bros. (Large), Fidelity bldg.
§Moylan John J., 538 N Calvert
Novak Frank, Hartford rd & B. & O. R. R.
Piel Const. Co., 2519 Edmondson av
§Pierson Henry & Sons, 1000 Olive
Potts Wm. A. Co., Law bldg
Price Concrete Const. Co., Maryland Trust bldg
Pyles Julius E., 410 Dover
Ramey Bros., Law bldg.
Raymond Concrete Pile Co., Munsey bldg.
§Reynolds & Hughes, 423 Courtland
§Rippel Henry S., 1929 W Baltimore
Robinson J. L. Const. Co., 1130 W Lafayette
§Rosenthal Albert, Garrett bldg.
*Sanford & Brooks Co. (Dredging, Harbor & Government Work), Water & Commerce
Seybold & Eigenbrode, 4311 Belvieu av
§Simpson Chas. W. & Co., 208 Frederick
Singer-Pentz Co., Equitable bldg.
§Smith Henry & Sons Co., 7 E Redwood
Southern-Rome Co. ("Rome"), 623 W. Pratt
Standard Concrete Steel Co., Knickerbocker bldg.
Stewart Jas. & Co., 13th & 12th av.
§Stockhausen Chas. L. Co., Nat'l Marine Bk. bldg
Walsh J. J. Co., Equitable bldg
*†§Waters John Bldg. Co., 23 E Center
Watts H. D. Co., Garrett bldg
Watts Philip & Son, Sudbrook av
West Arthur F., Builders' Exchange
West Construction Co., American bldg
§Whiting-Turner Const. Co., Stewart bldg

CHESTERTOWN—§Culp W. S. & A. M.
§Duyer Frank E.
§Pippin Walter T.

CUMBERLAND—Hazelwood & Clauson, Dept. H
McGill E. G.
Sell Bros. Co., Inc.
Vang Construction Co. (Concrete, Sewer & Railroad Work)
Wise Silas W.

EASTON—§Ross B. W. & Son
§Trax Geo. H.
§Whitby Wm. H.

FEDERALSBURG—Holt Thos. S. Co.

FROSTBURG—Brady Bros.
Fuller Bros.

HAGERSTOWN—Clarkson John T.
Wolf Geo. B. McC.

WESTERN PORT—Harrison Bros. Contracting

MASSACHUSETTS.

ADAMS—Daniels Chas. A.

AMESBURY—Doe F. A.
Smith Contracting Co.
Watkins Jas. E.
Watkins Robert G.

AMHERST—Bosworth Geo. E.

ARLINGTON HEIGHTS—Kenty Geo. W.
Shirley John E. & Son

ATTLEBORO—Currie Malcom
Dexter Everett O.
Eden John
Grant Bros.
Mackinnon & Nicholson
Perry Emerson E.
White Herbert E. & Co.
Young Daniel & Co.

AUBURNDALE—Scribner W. E. Sons (Masons)

AYER—Hardy Chas. H.

BELMONT—Loomer & Allen

BEVERLY—Crosby G. R. & Sons (Masons)
§Grady Jas. L.

BEVERLY FARMS—Connolly Bros. (Public Work)
§Hardy & Day

BOSTON—Abbott E. A., 185 Devonshire
§Aberthaw Const. Co. 27 School
Adams-Pond Co. (Concrete), 166 Devonshire
§Alexander F. C., Old South bldg.
§Allen C. S. Co., Allston
§Archdeacon & Sullivan, 5 E Concord
§Armstrong W. B. Everett
Babcock C. & Co., 36 Beverly
Bailey Wm. M. Co. (Concrete), 88 Broad
Bay State Dredging & Contracting Co., 247 Atlantic av (Public Wks.)
§Barrett Wm., 27 Hunneman
§Barry Wm. J., 439 Ashland
§Beal A. B., 43 Tremont
Beatty Const. Co. (Public Work), 66 Warren
Benard Thos. H. & Son, 39 Neponset
Biggs, D. M. & Co., 60 Marsh
§Bishop J. W. Co. (& Large), 683 Atlantic av
Black James Masonry & Contrg. Co., 10 High
§Bleier Contr. Co., Heath & Day
§Bogart I. H. & Son, 414 Albany
§Boston Bridge Works (Bridges, etc.), 47 Winter
Boston Contr. Co. (Digging, Grading, etc), 49 Medford
Bowen John Co., 184 Dudley
Boyd & Berry, 11 Crampion Wav
Breymann G. H. & Bros., 293 Marginal, E I
Broderick Jas. M., 420 Dorchester
Broderick John H., 44 Bromfield
§Brown Chris. F., Dorchester
*Bruno & Petitti (Sewer, Waterworks, R. R., Masonry, etc), 18 Tremont
§Bruty John W., 209 Washington
§Buckley J. M. & C. J. Co., 164 Federal
Burke D. F. (Mason), 7 Alden
Burke John R., 78 Devonshire
§Cadario L. B. & Sons, 15 Court sq
§Cashman John & Sons Co., 247 Atlantic av
Central Const. Co., 228 Southampton
Chandler Const. Co., 31 State
Clark & Lee Co., 201 Devonshire
§Cline Hyman E., 43 Tremont
Coburn Frank G., 294 Washington
Coleman J. C. & Sons Co. (Street & Public), 1620 Tremont. Rox.
Converse H. P. & Co., 88 Broad
§Corbett F. A., 148 Sutherland rd
Coughlan Jas. J., Carney bldg
Cressy Contracting Co., 278 Albany
§Culbert Robt. J., 141 Milk
Cumings H. P. Const. Co., 319 Washington
Cunningham C. S. & Sons Const. Co., 7 Water
§Currier Chas. E. & Co., 10 High
Cusack Andrew M. (Sewer), 319 Washington
§Davis Geo. M. & Son, Equitable bldg.
§Davison & Jones, Malden
§De Matteo M. 146 Dudley, Roslindale
§Dolan Jos. M., 197 Sidney
†*Dolloff C. W. & Co. (Public Works), 20 Central
§Douse William, 86 Fuller
§Duff John W. (Inc.), 146 Summer
§Edwards & Monohan Co., 6 Beacon
§Ellis W. H. & Son Co. (Bridge & Masonry), 479 Meridian
Essena Chas, Somerville
Evatt Constr. Co., 161 Devonshire
Fletcher-Lahey Co. (Public Works), 31 State
Foster Heating Co. (Plumbing), 15 Palmer
§Fox Benj. (Inc.), 15 Exchange
Fraser J. C. & Sons Co., 5 Providence
§Fritz N., 62 Maywood
§Fuller Andrew D. Co., 3 Hamilton pl
§Fuller Geo. A. Co. (Large), 131 State
§Gascoigne & Linenthal Inc., 43 Fremont

MASSACHUSETTS—Boston—continued
Gerrish Dredging Co., 101 Tremont
Gibson Richard 65 Long Wharf
Gow Charles R. Co (Public Works), 166 Devonshire
§Graham John B., 8 Beacon
Great Lakes Dredge & Dock Co. (Bridges, Piers, etc.), 141 Milk
§Gregory E. R., 60 W. Dedham
§Griffin John F. Co., 17 Milk
§Hanlon Thos. H., 1817 Dorchester av
Hanscom Construction Co., 70 Kilby
Hardy & Streeter (Concrete), 95 Milk
§Harvey Geo. W. Co., 201 Devonshire
§Haskin Chas. A.
§Haynes Const. Co., 42 Court
§Hemenway H. L. Co., 88 Broad
§Hemeon Brothers, Somerville
Hersey Ira G. & Sons Co., 53 Wareham
Hill Peter W. (Public Works), 97 Proctor
§Holbrook, Cabot & Rollins Corp. (Bridges, Foundations & Dams), 6 Beacon
§Holt-Fairchild Co., Old South bldg.
§Hooper S. F. & Co., 101 Tremont
§Howard Bros., 412 Dorchester av
§Howes R. H. Const. Co., 10 Post Office sq
§Jacobs Chas. J. Co., 107 Terrace
§Jacobs David H. & Son, 166 Devonshire
Johnson Alfred & Son (Mason)
§Jones Arthur D., 76 Kingston
§Johnsberg Frank F. Co., Old South bldg
§Kanter & Altman, 1125 Commonwealth av
Kearns W. F. Co. (Concrete), John Hancock bldg.
†Kendall M. K. & Co., 110 Pearl
§Keyes W. H. & Co. (Street & Public Works), 101 Tremont
King Construction Co., 113 State
Lawler Bros. (Heavy Mosonry, Public Works, etc.), 16 City sq, Chsn
§Leighton-Mitchell Co., 95 Milk
Letteney C. F. (Public Works), 11 Central
§Ley F. T. & Co., Inc. (Power Houses, Conduit Work, Bridges, Sewers, Waterworks, Dams, High Tension Work, Roads, etc.), 185 Devonshire
§Locatelli J. E. Co., 46 Cornhill
Logue Chas. Building Co., 18 Tremont
McArdle James W. (Mason), 166 Devonshire
§McClellan Jos. B. 131 State
McDonald & Kivell, 10 High
McGahey & O'Connor, 166 Devonshire
McGunigle & Tounge, 34 Colberg av
§McKenzie F. L., 7 Water
McMorrow Jno. (Grading, etc.), 322 Adams, Dor.
McMurtry A. J. & G. H. (Excavating, etc.), 16 Shepard (Br.)
§McNeil Bros., 57 Stanley
§McPhee D. A., 403 Newbury
MacDonald Angus, 79 Milk
MacDonald & Joslin Co., 161 Devonshire
MacKenzie Murdoch, 346 Belgrade av
Mabie Wm. I. & Co., 15 Federal
Mack & Moore, 101 Tremont
§Macomber Geo. B. H. Co., 44 Blomfield
Malone Bernard (Mason), 163 Corey rd
§Marr Bros. & Stewart Co., 319 Wash.
Marr Daniel & Son Co. (Public Works), 384 Dor. av, S B
§Mead Charles H., 15 Beacon
§Merritt & Jarvis, 12 Marshall
Miller W. L. (Bridge & Masonry), 171 Alford
Minton Thos. F. (Grading, etc.), 4 Hyde Pk
§Mitchell & Sutherland, 166 Devonshire
Moore & Co. (Waterworks & Public Works), 12 Pemberton sq
Morcombe F. T. & Co., 155 Kneeland
Murphy Cornelius & Son (Grading, Public Works, etc), Dorchester
Nawn Hugh Contracting Co. (Excavating & Public), 82 Savin
Nelson James E. Co., 7 Water
§Nicholls Wm. R., Chsn
§Nicholson Jos. & Son, 101 Tremont
§Norcross Bros. Co. (Builders & Public Works), Tremont bldg.
Norton W. A. Co. (Pile Driving), 285 Dorchester av
§O'Hearn Patrick, 1464 Dorchester av
O'Riorden P. (Est.), (Excavating, etc.), 1 Waverley blk.
Orne & Lawrence, 39 Court
Palmer John E. (Grading), Old South bldg.
§Plotti Ambrogio (Mason), 98 Melville av
§Preble Walter H. Co., 11 Pemberton sq
§Proctor John H. & Co. (Coal Elevators, Cable Railroads, etc), Old South bldg
Rafferty Wm. J. & Co. (Grading, etc.), 33 Champney, S B
§Reed Wm. T. Co., 201H Devonshire
Rendle G. T. Co., 270 Condor E. B.
Rendle W. S. (Wharf, Bridge, etc.), 135 Prescott
Rice P. G. & Co., 1690 Commonwealth av
§Rich Patrick (Mason), 342 Bennington
§Rockwell Fred J., 741 Washington
Roman Road Co., 228 Southampton (Public Wks.)
Rooney John A., 319 Wash.
§Root W. A. & H. A., 1 Beacon
Rowe Contracting Co. (Public Works), 1607 Commonwealth av
§Roxbury Const. Co., 18 Clifton
Ryan Contracting Co., Charlestown
§Ryan & Keon, 176 Federal
§Scully J. T. Foundation Co. (Concrete Foundations, Excavating, etc., 166 Devonshire
*Seretto Michael (Sewer), 3 Tremont row
§Shea Thos. J. Co., Jamaica
Shepard Daniel L., 46 Cornhill
§Sherman Wm. U., 18 Lyndhurst
§Snider & Druker, 18 Tremont
Snow F. A. Co. (Public Works), 79 Milk
§Soule L. P. & Son Co., 80 Boylston
§Stewart Jos. I., 1295 Commonwealth av
†Stone & Webster Engineering Corp., 147 Milk
§Stuart T. & Son Co., 166 Devonshire
Sullivan J. H. (Road & Sewer), 20 Lake Br.
Sullivan J. J. (Excavating, etc.), 272 W 5th
Swanson Victor (Mason), Allston
§Swift-McNutt Co., 70 Devonshire
Taylor E. R. Co. (Concrete), 786 E. Bradbury
*Tomasello Antonio G. (Sewer, Road & R. R.), 69 Gibson
§Tyco S. P., 88 Broad
Turner Const. Co., 178 Tremont
§Tyson Weare & Co., 201 Devonshire
Walsh Bros. (Mason)
Weiss Constr. Co., 40 Court
Wentworth Walter A. Co., 15 Exch.
§Whidden-Beekman Co., 70 Devonshire
§Whitcomb E. Noyes Co., 49 Wareham
§Whitcomb Frank L., 17 Wareham
White Jos. F. (Sand), Western av
§Whitney Arthur C. Y., 18 P. O. sq
§Willcutt L. D. & Sons Co., 146 Summer
§Wilson & Tomlinson, 79 Milk
Whitney Co., 12 West
§Whiton & Haynes Co., 200 Devonshire
§Wight Wm. E., 78 Bowdoin
§Woodbury I. F. & Sons Co., 185 Summer
§Zedren John, Readville
§Zeiman Max, 53 Litchfield

BROCKTON—Batson C. A.
Howard George B. & Sons Co.
Irving David Co.
§Lays Bros.
Long & McAuliffe (Masons)
Marlow & Eldridge
Peck & McKay
Powers Bros.
Sampson E. T.

BROOKLINE—Brookline Contracting Co.
§Cook John & Son (Masons)
§Driscoll Dennis
Driscoll J. & Son Co. (Public Works)
§Driscoll Timothy
Goodwin & Mitchell
Hennessey Bros.
McCue Thos. & Son
§O'Hearn M. J.

CAMBRIDGE—Barrett James T.
Byrne John B. Inc. (Mason)
Condon Wm. F. (Mason & Concrete), 218 Putnam av
§Dodge C. A. Co.
Eastman H. T. & Co.
Linehan Chas. (Public Works)
McGahey & O'Connor (Masons)
Pocher B. H.
Powers John J., 33 Myrtle av
§Riley J. M.
Scully John T. Foundation Co. (Concrete Foundations, Buildings, etc.)

CHELSEA—Coleman Bros.
Haley Michael S.
Rendle Stoddard Co.
Strout Bros. (Masons)

CLINTON—Clinton Concrete Co.

EAST HAMPTON—Cullen John
Pepin Delos T.

FALL RIVER—§Beattie & Cornell (Builders & General)
§Beattie Roy H. (Engr. & Contr.)
§Bolduc Leander (Building, etc.)
§Booth & Chase Co., Inc. (Wharf)
§Crowe John Co.
§Darling Joseph M.
§McNally Const. Co. (Concrete, Brick, Steel, etc.)
§Moore Daniel
Puleston & McDougall

FITCHBURG—§Carter Wm. C.
Foss & Janes
§Hartwell Walter A.
§Hutchins Wallace J.
Leger Supplein J.
Moran John (Excavating, Grading, etc.)
§Wiley & Foss

FRAMINGHAM—Framingham Constr. & Supply Co.
Framingham Contracting Co.
McNeil & Son
Prindville J. J. Co.

GLOUCESTER—Day John W. & Son
§Pomeroy E. A.
Pomeroy John S. Co.
§Watson Bros.

HAVERHILL—§Cole N. S. & Son, Inc.
Duffee W. F. & Co.
Haverhill Const. Co.
Kelley Bros.
Roche John M.
Shannon E. F.

HOLYOKE—§Fowles J. H. & Son
Goddard Vallis V. (Mason)
Kennedy P. J. & Co.
§La France L. A.
§La Liberte Bros.
§Lynch Bros. Brick Co.
§McCormick A. D.
O'Connell's D. Sons (Waterworks & Public)
O'Neill J. J. Co.
Prew J. J. (Brick)
Ranger Casper Const. Co.
Walsh Maurice J. & Sons

LAWRENCE—Bourque Constr. Co.
Cyr John & Co. (Masons)
§Locke L. E.
§Peabody E. A. & Son
§Pike W. N. & Sons (Large)
§Pitman Ernest W. Co.
§Wagenbach Jos. & Son

LEOMINSTER—Leadbetter G. E. & Sons, Inc. (Mason)
Smith Edgar M.

LOWELL—Cazanas Nickoloas
Dickey Leroy W.
§Drapeau Wm.
Johnson Thos. W Co.
§Meloy Fred
Mendlek Bros.
Morin J. B.
§O'Hearn P.
Robinson & Robinson
Sawyer Avila
Smith E. A. & A. T. (Concrete Paving)
Snow Samuel E.
§Staples Bros.
*Ward W. H. Co. (Public Works)
§Whittet James
§Wiggin Burton H. Co.

LYNN—Bryer A. E. Contr. Co. (Excavating, Sewer, etc.), 461 Western av
Campbell Bros., 99 Sagamore
Cunningham C. S. & Co., 23 Central av
§Hardy Harry E., 148 Burrill
§Hart Bros., 36 Pacific
§Litch L. D. Building Co., 7 Berkeley
Lyons Michael F. & Co., 10 Pond
§Manning James E., 26 Beacon Hill av
Mayo Construction Co. (Public Works), 333 Union
§Sheehan David J. Co., 424 Broadway (Sewer)
§Swain Constr. Co., 67 State
Sheehan John W., 585 Western av
§Titus Cutler, 70 Munroe
Vroom Bros. Co., 333 Union
Wright Chas. W., 23 Central av

MALDEN—Lenehan Pat. H.

MELROSE—Lane Bros.

NANTUCKET—§Holmes & Co.

NEW BEDFORD—Bishop J. W. Co.
Buffington Arthur E. (Mason)
Cadorette Maxime
Davis Z. B. Corp
Sherman R. A. & Son
Sistare F. B. & Son

NEWBURYPORT — Cashman Bros. Co. (Roads, etc)

NEWTON—§Briggs Geo. M., Inc.
Joyce John T. (Excavating)
Stuart T. & Son Co. (Public Works)

NEWTON CENTER—Hurley Bros. (Grading, Roads & Masonry)
Lane & Maloney Constr. Co.
§Stevens F. W.

NEWTON HIGHLANDS—Sullivan T. D. & Sons Co. (Masons)

NEWTONVILLE—§Higgins W. S.

NORTH ADAMS—Phillips & Pyke
Whitney Chas. E.
Wood H. C. Co.

NORTHAMPTON—§Bailey Myron C.
Bernier & Vanasse
Bishop Bros.
§Huxley Frank L.
Kieley & Gleason (Masons)
§Twohig Jas.
§Whiting Chas. W.

NORTH ANDOVER—§Costello D. J. Co.
Trombley Jos. & Son (Masonry)

PALMER—*Flynt Building & Construction Co.

PITTSFIELD—Emerson & Germain
§Foote & Jones
Pike D. Herbert
§Roscoe Edward F.

QUINCY—O'Brien Thos. & Sons
Shea William & Son (Excavating Grading, etc.)
Whelan Thos. & Co.

SALEM—§Fitzgerald W. & Son
§Flynn John J. Co., Washington
Mack Bros. (Masons), 221 Essex
§Merrill Samuel S.
Morrison & Young
Peterson V. S. (Sewer, etc), 237 Essex
§Pitman & Brown Co.
§Turner Edward F., 13 Jackson
Welch Jas. J. (Public Works)

SOMERVILLE—§Andrews J. M. & Sons Co.
Falvey John J.
§Welch John & Sons

SOUTH HADLEY FALLS—§Harris Edgar T.
§Judd Burritt

SPRINGFIELD—Adams & Ruxtom Const. Co. (Concrete)
§Angers J. A. & Bro
Berlin Const. Co.
Bushey N. C. (General & Bldg.)
Carlson Ernest F. Co.
Davis E. T. & Son (Masons)
Fay L. C. & Co., Inc.
§Gagnier Bros.
§Green Samuel M. Co.
*†Ley Fred'k T. & Co., Inc. (Power Houses, Conduit Work, Bridges,

Sewers, Waterworks, Dams, Roads, High Tension Work, etc.), 499 Main
Maloney Michael (Mason)
Mellen Daniel W. (Masonry)
*New England Const. Co. (Bridges, Sewers, Roads, Excavating, etc.)
Newton W. A. & Co.
Pinney E. J.
Ranger Casper Const. Co.
§Roy J. G. & Sons
Sackett Bros Co. (Excavating, Grading & Sewer)
§Sampson E. L. & Bros. Contracting Co. (Masons)
Shea Daniel C. (Masons)
§Shea J. L.
Valentine F. S. Co.
Vaughan & Kibbe (Excavating, Grading, Sewer, etc.)
§Wood L. S.
STONEHAM—§Cole George
SWAMPSCOTT—Lyons James T.
McDonough Mich'l Co. (Street & Public)
Tuttle H. Scott (Street & Public
TAUNTON—Briggs Abram T. (Heavy Masonry)
§Sullivan D. J.
§Williams Franklin D.
§Witherell L. M. & Sons
WAKEFIELD—Killorin Contr. Co. (Roads & Grading)
WALPOLE—Allen M. W. Const. Co.
WALTHAM—Bull Edward H.
Fisher L. Co.
O'Malley Peter J. (Excavating, etc.,
Purdy Wm. C.
WARE—§Cummings H. P. Const. Co.
§Lincoln J. N. & Son
WATERTOWN—Hutchins Arthur L.
Iliffe William H.
McCue Thos. J.
§Murdough A. B.
Theurer Otto A. (Cement)
WELLESLEY—Hapgood, Frost & Co.
Taylor Chas. N. (Water Works)
WELLESLEY HILLS — Croswell John (Sewers)
WEST CHELMSFORD—§Edwards & Monahan Co.
Fletcher H. E. Co. (Excavating, Bridge & Dam Masonry, Foundations, Stone Masonry, etc.)
WEST MEDFORD—Bayne W. A.
Graves Bros. (Masons)
WEST NEWTON—§Cotter Jere. & Son
Gannon Bros. (Masons)
§Jepsen Geo. L. & Son
WINTHROP—Noceti Louis (Concrete)
WOBURN—§Corbett T. R. & Sons
McLaughlin D. & Sons (Masons)
WOODS HOLE—Swift E. E.
WORCESTER—Allen Robert C. (Sewer & Public), Park bldg
Benson Oscar T. (General), Hitchcock rd
BISHOP J. W. CO., 109 Foster
Buckley J. M. & C. J. Co., 128 Vernon
§Carr Geo. W. Co., 518 Main
Central Building Co. (Large), 58 Front
Cross E. J. Co., 82 Foster
§Faucher Bros. 58 Front
§Fiske-Carter Const. Co., 11 Foster
Groves L. M., 7 Rockwood av
Higgins J. J., 340 Main
Kane Michael J. (Excavating, Grading, etc.), 9 Wade
Loftus John (Mason), 383 May
McDermott Bros., 13 Cedar
Marsh B. F. Co., 22 Garden (Brick)
Mellen Walter L., 41 Queen
Miles Jas. & Sons Co. (Masons), 393 Main
§MINER EDWARD F. BUILDING CO., 25 Foster
Ohlson O. F., 10 Brunswick
Petterson, L. M., 21 Edward
Pike H. S. (Excavating & Road), 28 Townsend
Power John J., 15 Ashland
Roberts J. J., 4 Wall
§Robbins A. P. & Son, 58 Front
§Rocheford L. & Son, 44 Front
Smith Green Co., 25 Foster (Brick)
Tucker J. B., 19 Beechmont
§Ward Edw. D., 82 Foster
Wells G. A., 187 Providence
Whitehead Ernest, 187 Commercial

MICHIGAN.

ADRIAN—Dibble Chas. E.
Matthes Bros.
Matthes C. F. & Son
ALPENA—Gebhardt, Morrow & Co.
ANN ARBOR—§Biggs Wm.
Cole A. R. Co.
Clancy W. J. (Paving)
Koch Building & Supply Co.
§Sauer Charles A. Co.
BATTLE CREEK—Blanck A. E.
Cole S. B.
Gillis Chas. H. & Son
Snyder H. V. & Son
Tait John H. Co.
BAY CITY—Bay City Constr. Co.
Campbell Hugh & Son (Masonry, etc.)
Hewitt Ernest C.
§Meagher Jas. A. (Mason)
Meagher Wm. J. & Co.
Millar Allison R.
North American Const. Co.
§Richter Chas A.
Weber Henry C. Constr. Co.
BENTON HARBOR—Mills G. A. & Son
CALUMET—Milford W.
Roehm Paul P.
Ulseth Edw.
CHARLOTTE—Beach Mfg. Co.
§Clever Constr. Co.
DETROIT—Affeld J. S. (Sewers, etc.), Ford bldg
Albrecht A. & Co. (Large), Penobscot bldg
Armstrong A. R., 148 W Kirby
Baker R. D. Co. (Paving), 485 Elmhurst
Barber H. J., 560 E Grand blvd
Bartholomaei Max Son & Co., 466 Warren av
§Bodary Building Co., 759 Stanley av
Booth George E. Building Co., B'way & Circus Pk.
Bryant & Detwiler (Engrs. & Contrs., Reinforced Concrete, etc.), Dime Bank bldg
Carew Henry, 210 Jos-Campau
Cavanagh Thos. L., 288 Catherine
Chevillot Louis F., 68 Greenwood
Christman H. G. Co., Stevens bldg.
Closser Bros. (Excavating), 777 Fort W
Cooper Frank N. (Masonry), Penobscot bldg.
Corrick Bros., Owen bldg.
§Culbertson & Kelly, Ford bldg
Currie Thomas E., Magraw bldg
§Davock Building Co., Campau bldg
De Lisle & Cooper, Ford bldg
Detroit Building & Constr. Co., Free Press bldg
Dupuis A. J. Co. (Docks, etc), Ford bldg
Everham Melville B., Chamber of Com.
§Farrington Frank Co., Scherer bldg
§Finn John & Co., 2375 Woodward
§Flint Dayton Co., 696 Holcomb
Fuller Geo. A. Co., Penobscot bldg
Gearing Bros. Co. (Ltd.), Penobscot bldg.
General Const. Co., Union Trust bldg
Gibson J. A. & Son, 1611 Fort, W
Goddard F. H., 520 Franklin
Goodenow & Ginn
Grauer A. & Co., 216 E Columbia
Haberkorn J. H. & Co., 384 14th av
Hanley John (Sewer, etc.), McGraw bldg
Harcus & Co., 774 Russell
Hatch-Montague Co., Ford bldg
Helson Richard, 121 Columbia W
Jackson & Maurice, Ford bldg
§Johnson Fred R., 179 Kenilworth
Keller C. Co., 210 Moran
Kreighoff Co., 1187 Bellevue
Kutsche A. W. & Co., Ford bldg
Larrowe Const. Co., 1199 Woodward av
*Lennane Bros. (R. R., Paving, Sewer & Concrete), Union Trust bldg
Lesinski-Leszezynski Co., 715 Forrest av
Linsell Co., 443 Woodward
McCausland W. H. Son, 116 Larned W
McClintic-Marshall Co., Book bldg
McEnhill Bros., 637 Baker
McLean A. J. Co., Stevens bldg
Maclean Building Co., Smith bldg
Marentette J. E., 137 W Larned
Mercier John A. (Excavating, etc.), Hammond bldg
§Miller, Baker & Strengson Bldg. Co., U. T. bldg
Misch Otto Co., Detroit Savings Bank bldg
Moody Bros., Hartford & Scovill
§Moulds & Brown, Rowland bldg
Moynes Jas. A. & Co., 231 Milwaukee av
Nowakowski Jos. & Co., 666 Forest, E.
Nutt Geo. D., Farwell bldg
Osgood David J. Co., Dept. H., Elizabeth & Third
Otis Cement Const. Co., Hammond bldg
Paschke August & Sons, 1345 Bellevue av
§Pauli Frank M. Co., 40 Shipherd av
Pocock W. H., 1115 Gladstone
Porath Julius, McGraw bldg
Putnam, Moore & Brown, Penobscot bldg
Reid J. H. & Son, 121 Canfield E
Robertson R. & Co. (Cut Stone only), Milford av P. M. R.
Robinson F. S. & Co., Hammond bldg
§Rogowski Bros. & Wedda (Mason), Canfield & G. T. Ry.
Rose Albert A., Penobscot bldg
Rutley Constr. Co., Chamber of Commerce bldg
Ryan M. E. & Son (Excavating) Penobscot bldg
§Schewe Chas. R. Co., Chamber of Commerce
Schneider Bros., Hammond bldg
Scholl Leonard & Sons (Mason), 293 12th
§Sisman Andrew C. Co., 1221H Beaufait av
Smith Andrew J. Const. Co. (Dams, Viaducts & Office & Factory Bldgs.), Campau bldg
Southwick-Pom-McFate Co., 5222H St. Jean
Spicer's David Sons, Free Press bldg
§Starrs Wm., 250 15th
Stokes & Whittingham, Penobscot bldg
§Tanneholz B. Constr. Co., 56 Catherine
Vinton Co., Vinton bldg
Whittaker John & Co., 51 Church
Wood F. B., 64 Gibson
Wood W. E. Co. (Power Plants, Factory & Mercantile bldgs., etc.), Ford bldg
Zeigen Const. Co., Penobscot bldg
GRAND RAPIDS—Boyes & Blandford Co.
Bunker G. W. Co.
Gentz Bros.
Hauser-Owen-Ames Co. (General)
Hoertz Chas & Son
McNabb Jno. & Son (General)
Prange A. H.
Rusche J. P.
§Strom-Johnson Constr. Co.
HANCOCK—Gauthier August
Verville A. J.
HOUGHTON—Gundlach H.
Hildibrandt Frank
Michels J. J.
Smith Sparks Co.
IRON MOUNTAIN—Hoose & Person Const. Co.
IRONWOOD—Olson & Bergquist (bldg)
Oxman & Son
ISHPEMING—Erickson Louis & Son
Wahlman Construction Co.
JACKSON—Bradt Harry J.
Brooks T. C. & Sons Co. (General)
North Bradshaw Co.
KALAMAZOO—Byers Bros. Const. Co.
Heystek-Baker Constr. Co. (Paving)
§Miller O. F., 226H Pratt Block
Rickman Contraction Co.
Tanis E. & Son
Van Der Horst Henry L.
LANSING—Neller Louis
Wilcox C. S.
MANISTIQUE—Ramsey W. S.
MARQUETTE—Powell & Mitchell
Van Iderstine C. C.
MUSKEGON—Buck & Mullen
Burke, Smith & Nelson
Hughes John & Son
PORT HURON—Crawford Archie
O'Sullivan James & Sons Co.
Smith Andrew J. & Sons
SAGINAW—Creswell E. B. (General)
Davies J. C. (Sewer, Paving, etc.)
Gelinas A. & Sons (General)
Kerns Jas. S. & Son
Qualman Walter A.
Ryckman Albert H.
Spence Bros.
ST. JOSEPH—Kingsley Chas. E. (Mason)
Stock M. W.
Williams Chas. E.
SAULT SAINTE MARIE—Durocher Thos. L.
Great Lakes Dredge & Dock Co. (River & Harbor)
Hunt M. N.
Irwin John B.
TRAVERSE CITY—Lather Geo.
WYANDOTTE—Soncrant Leon

MINNESOTA.

AITKIN—Foley D. A. & Co.
Gleason W. J. Co.
Small W. H. & Son
ALBERT LEA—§Albert Lea Constr. Co.
Anderson Bros.
Hansen John F.
Nelson & Thompson
Tapager Christian M.
AUSTIN—Berry & Beckel
Donovan Wm.
BRAINERD—Rowley C. B.
DULUTH—Anderson & Gow
Barnett & Record Co. (Engineers & General)
§Bergquist Bros.
§Bowe-Burke Co.
§Brown H. C.
§Carlson Frank A.
Clough D. H. & Co.
Dahl E. A.
§Danielson Chas.
Duluth Diamond Drilling Co.
Duluth-Superior Dredging Co.
§Fawcett William
Frederickson C. G. (General)
§Grandy John
Great Lakes Dredge & Dock Co. (River & Harbor)
Hansen Richard
Jacobson Bros.
Johnson Frank L. & Co.
§Johnson Otto
Kileen Thos. & Co.
*King Geo. R. (Railroads, Sewer, etc.)
King W. F. & Co.
Linden Construction Co.
§Lounsberry Geo. H.
McDonnell P.
MacLeod & Smith (General)
Molitor J. D. & Bro.
§Nauffts Theo.
Northern Dredge & Dock Co.
Pastoret Construction Co.
§Pearson Harry & Son
Pearson Olaf & Son
§Perry E. C. & Son
§Ramstad Louis
Raymond Bros. Co.
Rogers & McLean
Runquist John
§Schleunes J. F.
Smith & Vokes (General)
Stack Constr. Co.
§Thorburn Thomas (General)
Watterworth & Fee (General, Street & Public)
Zauft Emil
FARIBAULT—Brown Benson
O'Neil John P.
O'Neil Wm. & Son Co.
§Peltier C. H.
FERGUS FALLS—Lamson-Gray Construction Co.
Lauritzen John Co.
Minnesota Cement Constr. Co.

MINNESOTA—continued
HIBBING—Longyear E. J. Co. (Drill)
McKusick J. C.
Winston-Dear Co.
MANKATO—Neitge Otto
Nelson J. B. Construction Co.
Widell Co.
MINNEAPOLIS—Albinson Const. Co., 1214 Marquette av
Anderson Albert, Plymouth bldg
§Anderson Fred Co., 2810 Bryant av, S
Archer H. & Co., 314 S 10th
*Balch H. F. & Co., Phoenix bldg
§Baltuff Jos. M., Metropolitan Bk. bldg.
Barbeau & Werring (Bridges), N W bldg
Barnett & Record Co. (Grain Elevators & Heavy bldgs.), Flour Exchange
Betzler Geo. J., 2622 Marshall (Cement)
Billingsley R., Plymouth bldg.
Brown Jas. H. Co., 511 S Third
Carlson & Johnson, 4437 Stevens av.
Carlsted Bros., Bldrs' Exchange
§Cedarstrand Aug. & Co., 984 Central av
§Chadwick L. L., 112 E Lake
Comb David & Son, 29 Ash
Cooper E. B., Lumber Exchange
Cooper J. J., Andrus bldg
§Crawford W. M. & Co., 70 Western av
Davis C. A., 19th & Pierce
Davis Construction Co., Plymouth bldg
Dawson Bros., 3638 Central av
Doeltz W. F. & Son, Plymouth bldg
*Doughterty J. P., Globe bldg
Elliott J. & W. A. Co. (Public Works), Lumber Exchange
Elson Williams Const. Co., 830 Hennepin av
Evenson Utterberg, Bldrs' Exchange
Evensta E. G. & Co., Bldrs' Exch.
Farnam Bros. Co., Plymouth bldg
Fleisher Constr. Co., 606 Bldrs. Ex.
Frankman Bros. Bridge & Constr. Co., Metropolitan Life bldg
General Contr. Co. (Paving), Plymouth bldg
Giguere Peter C. & Son, 410 7th av N E
Goldstein Irwin, Plymouth bldg
Graves F. E. Const. Co., 2520 Nicollet av
§Haglin, Stahr Co., Lumber Exchange
§Hagstrom Chas. E. & Co., 1514 Emerson av N
Hall Patterson Bldg. Co., Lumber Exch
Halladen P. O., Plymouth bldg
§Heaton & Ellison, 1818 4th av S
Hennepin Bridge Co. (Bridges, etc.), 922 Laurel
Ibberson T. E., Corn Exchange
*Jacobson R. A., 1114 Russell
Johnson J. A. & Co., 115 S 6th
Johnson L. H. (Bridges), 922 Laurel av.
Johnson & Johnson Constr. Co., McKnight bldg
*Kerrick Const. Co., 507 3d av N E
§Klarquist S. M. & Son, Security Bank bldg
Lasley W. M., Temple ct
Lathrop T. A., 418 Central av, S E
§Leck H. A. Co., 2511 5th av S
Leck James Co., 311 S 7th
Lees R. E., 303 6th av S E
Leighton H. N. & Co., 127 S 10th
§Libby & Libby Co., 244 2d av S
Libby T. & L. D. Co., Temple ct
Lunquist C. W. Co., 712 15th av N E
McCoig Harry L. & Co., 343 McKnight bldg
*McCullough & Cheney, Temple ct
§McMillan F. G., 2 S E 5th
Madsen Construction Co., Blds' Ex.
§Mandel Bros., 1109 Plymouth av
Minneapolis Bridge Co. (Bridges), Met. Life bldg
Moffet C. W., 3008 4th av S
*Nat'l Constr. Co., Met. Life bldg
Nelson N. W. & W. A. Co., 400 Temple Court
*Nelson Peter, Temple ct
O'Shea Wm. & Son, 526 Ridgewood av
Oyen O. O., 718 S 4th
Palmer Fred A., 3003 Hennepin av
Pelton R. B., 2906 Clinton av
§Peters Home Bldg. Co., 654 McKnight
Pike & Cook, 416 S 5th
Robinson J. L. Co., 511 S 7th
Security Bridge Co. (Bridges, etc.), Metropolitan Bank bldg
Sonner P. J., Plymouth bldg
Splady, Albee & Smith, Plymouth bldg
Standard Constr. Co., Plymouth bldg
Twin City Co., 29th & Minnehaha av
Tyler & Co., 2730 Nicollett av
§Vertz Geo. R. & Co., 1615 Nicollett av
Weltzin N. H., 3225 30th av S
*Winston Bros Co. Globe bldg
Wodrich & Son, Met. Life bldg
Wunder John, Lumber Exchange
MOORHEAD—Fridlund A. J.
Kall P. J. (Brick)
Merritt W. H.
RED WING—Carlson J. P. (Cement, etc.)
Longcor W. J.
ROCHESTER—Heffron & Fitzgerald
ST. CLOUD—Heinman John
Kropp Carl
Wahl Ed. M.
ST. PAUL—Ash C. & Sons, 202 Maria av
Baumeister Wm. C., Pioneer bldg
Becker Geo. F., 160 W 4th
Boyd Constr. Co., Ger. Life bldg
*Boynton & Church, Merchants National Bank bldg
Bumgardner L. A. Co. (Grading, Railroad, etc.), Scandn.-Amer. Bk. bldg
Butler J. W. & Bro. Co., Scan.-Amer. Bank bldg
Cameron & Co., Ryan bldg
*Church H. W., 494 Ashland av
*Deeks Deeks & Smith, Exch. Bank bldg
Elmer H. M., 1593 Portland av
§Ericksen A. G., 404 N Prior av
Feyen Constr. Co., 277 Burgess
Fielding & Shepley (Sewer Grading, Paving & Bridge), 216 W University av
*Foley Bros. (Railroad, etc.), Gilfillan blk
*Foley Young & Peabody, Merchants Nat'l Bank bldg
Fowble Chas. A., Germ. Life bldg
§Frandsen H. J., 510 Rice
Fransen Nels P. & Co., Endicott bldg
Grant G. J. Const. Co., Exch. Bank bldg
*Guthrie A. & Co., 336 Jackson
Hodgin W. E. Constr. Co., 1237 Selby av
Hoy W. J. Co., Metropolitan bldg
Ingemann Co., 1930 St. Anthony av
Johnson, Carey & Helmers Co., Metropolitan bldg
Kees G. A. Domestic Engng. Co. (Sewer)
Keough Bros., 2655 Mississippi River boul
Lauer Bros. (Heavy Masonry, etc.), ft of Chestnut
McClure Contrg. Co., 61 E 6th
McManis & Tarnoski, Endicott bldg
*McMenemy R. A., 645 Endicott bldg
*Morris, Shepard & Dougherty (Railroads, Bridges, etc.), 3rd & Waconta
Murphy Wm. M. & Son, Endicott bldg (Excavating)
§Nickel J. H., Exch. Bank bldg
Norlander Fred C., Merchants Nat. Bk. bldg.
*Oakes Geo. W. & Co. (& Bridges, etc.), Endicott bldg
O'Neil & Preston, 60 E 6th (Sewer)
Peck & Lehmann 779 Cherokee
Poppenberger Wm. & Son, 735 York (Plasterers)
Romer F. J. Construction Co., 190 Ramsey
§St. Paul Bldg. Co., 460 Rice
*Siems-Carey Co., German Life bldg
Shield J. L. Co., Flat Iron bldg (Excavating)
Thomas A. C., Guthrie Construction Co., Shubert bldg
STILLWATER—Olsen O. H. (Public Work)
VIRGINIA—Grande Andrew
Roberts-Kingston Contr. Co.
Shaver W. B.
Virginia Bldrs' Supply & Contracting Co.
WILLMAR—Haley Philip J.
Olson J. H.
WINONA—Beecker K. J.
Becker K. J.
Brom Martin
Huseman Fred
Knopp John
Lohse John
Seiditz & Werner

MISSISSIPPI.

JACKSON—Dickson A. L.
Hardy H. K.
McGee W. J.
VICKSBURG—Curphey & Mundy
Helgason Bros.
Padgett W. H.
Zollinger V. T.

MISSOURI.

CAPE GIRARDEAU—Bender L. W. & Son
Kochtitzky Otto
§Rabich Herman
Vogelsang Bros. Const. Co.
COLUMBIA—Crist G. D.
Fellows John N.
Miller Frank P.
Stewart Bros.
FARMINGTON—McCarthy Lumb. & Const. Co.
JEFFERSON CITY—Mace Chas. G. (Cement)
Pope Joseph
Schneider Henry
Stone & Stone
Wolff Bros.
JOPLIN—Bane & Hoffman
Deiter & Wenzel Constr. Co.
KANSAS CITY—Arkansas Bridge Co. (Bridges, etc.), Waldheim bldg
Bradbury Edwin H., Sheidley bldg
§Brown Geo. L. & Son, Rialto bldg
Canton Bridge Co., N. Y. Life bldg
Clark Constr. Co., 928 B'way
Coughlan John P., 1822 Main
Crites F. H., 2136 Belleview av
Economy Const. Co., 318 W 10th
Fogle Construction Co., Reliance bldg
Fowler L. A. & Sons, 1409 Walnut
§Fuller Geo. A. Const. Co., Dwight bldg
Gedney Wm. M., 24 Linwood av
§Goodlander George W., Mass. bldg
Halpin-Boyle Const. Co.
Hammond Bros., 1732 Grand av(Rail)
Hollinger Job Const. Co., New Nelson bldg
Home Const. Co., 1407 Walnut
Hucke Geo. & Sons Bldg. Co., Ry. Exch. bldg
Hunt Eng'ing Co. (Cement), Republic bldg
Hutt J. E. Contracting Co., Ry. Exch. bldg
Jaicks A. Co. (Paving), Amer. Bank bldg
Kansas City Bridge Co. (Bridge & Stone Piers), Orear-Leslie bldg
Kansas City Const. Co., 120 Spring
*Kenefick Wm., Bryant bldg
Kinghorn Alex., Reliance bldg
Kobert H. G., 1212 McGee
*List & Gifford Const. Co., Ry. Exch. bldg
List & Weatherley Constr. Co., Ry Exch. bldg
Long Const. Co., Rialto bldg
Lonsdale Bros., Bryant bldg
Lovitt C. W., 1015 E 33d
*McMurry J. W. Contracting Co. (Bridges, etc), Sharp bldg
§McTernan & Halpin Const. Co., 2500 Grand av
Maley & Kelly Contracting Co., Mass. bldg
Marshall C. W. Const. Co., Reserve Bank bldg
Marshall D. E. Contr. & Mfg. Co., 2011 E. 10th
Midland Bridge Co., Midland bldg.
Mid-West Construction Co., Dwight bldg
§Morley Patrick J., 709 Wyandotte
Morris A. F., Bryant bldg
Mosby-Goodrich Constr. Co., N. Y. Life bldg
Norton Bros. (Grading, etc.), 1817 Holmes
§Parker-Washington Co. (Sewers, Grading, Paving, etc.), 2309 Pennsylvania
Peterson Chas. E., 3934 Wyoming
Raymond Concrete Pile Co., Orear-Leslie bldg (Concrete)
*Sharp C. H. Contr. Co., Sharp bldg
Siedhoff Geo. H. Constr. Co., Finance bldg
*Smith L. J. (Construction), Commerce bldg
Spitcaufsky Bros. Co., 2512 Wyandotte
Stiver Harvey, R. A., Rialto bldg
§Swenson Const. Co., Shubert Theater bldg
Union Bridge & Const. Co., Sharp bldg
Van Sant J. R. Const. Co., Dwight bldg
§Wells Bros. Co., Dwight bldg
Wilson W. A., Mass bldg.
Winn E. L. Const. Co., Ry. Exch. bldg
MEXICO—Gamble L. M. F.
Powell B. A. (Concrete)
MOBERLY—Lynch-McDonald Const. Co.
Murphy P. J. (Grading)
ST. JOSEPH—Buddy Phil. P. Bldg. & Const. Co.
*Hotchkiss Sam
Land Const. Co. (Concrete)
Metropolitan Paving Co.
Olson-Schmidt Const. Co. (Grading)
Reinert Bros. Const. Co.
Teegarden Edw. C.
ST. LOUIS—Abadie E. H. (Engrs. & Contrs.), Victoria bldg
§Althaus Jacob & Co. (Bldrs.), 530 Holly av
Amer. Bridge Co. of N. Y., 3d Nat'l Bank bldg
§American Contracting Co., Title Guaranty bldg.
American Press Brick Co., 6500 Easton av (Brick)
*Bambrick Bros. Const. Co., 5229 St. Louis av
Barwick Investment & Construction Co., Fullerton bldg
Black Jas Masonry & Contracting Co. (Sewer & Masonry), Arcade bldg
Boeke Constr. Co., 1818 Ann av
Boland John V. Const. Co., Chemical bldg
§Bothe J. G. Contr. Co., 1603 N 18th
Bright J. H. Contr. & Bldg. Co., Title Arcade bldg
Bruner P. M. Granitoid Co., Frisco bldg
Carmichael Wm. P. (Eng. & Contrs.), Rialto bldg
Carroll Contracting Co., Wainwright bldg
Chapline Const. Co., Post Despatch bldg
Continental Constr. Co. (Drainage), H. National Bank of Commerce bldg
Craig Plastering Co., Odd Fellows bldg
Crosby H. W. Contr. Co., 4048 Evans av
Cunliff Charles, Title Guaranty Trust bldg
§Dickie Construction Co., Syndicate Trust bldg
Duffner & Stecker Const. Co., 722 Chestnut
Evans Dan'l Const. Co., Odd Fellows bldg
Excelsior Press Brick Co., 1010 Chestnut (Brick)
Eyermann G. & Bro., 1216 S Grand av
Eyssell M., 3d Natl. Bk. bldg
Farish & Gray, 3rd Nat. Bk. bldg
Federal Constr. Co., Odd Fellows bldg
Fehlig Const. Co., Theresa av & Hickory
Fitz-Gibbon J. D., Grand & Windsor
Frein Masonry & Contrg. Co., 3303 Forest Park blvd

*Fruin-Bambrick Const. Co. (Public & Street Work), Merchant-Laclade bldg.
Fruin-Colnon Contr. Co., 800 S Spring
Gamble Const. Co., 620 Chestnut
Gerhard E. C. Bldg. Co., Post Dispatch bldg.
Gillespie & Daly (Mason), International Life bldg
Gillick Bros., 319 W Stein
Gilsonite Contracting Co., Wainwright bldg
§Godfrey Jas. A. & Co., Wainwright bldg
Goesse & Remmers Bldg & Const Co., 805 Cass av
Graham Granitoid Co., 4952 Lotus av
Graner-Mahoney Contracting Co., 2317 Tennessee av.
Granite Bituminous Paving Co., Rway Exch. bldg
§Grewe John Construction Co., Century bldg
§Grone Louis H., Benoist bldg
Haeseler A. H. Bldg. & Contr. Co., Wainwright bldg
§Hall, Mackay Construction Co., Chemical bldg
§Hamilton C. E., Odd Fellows bldg
*Hannan P. J. Co., 3921 Palm
*Harrington Bros., 3959 Flad av
Hartmann G. Contracting Co., Chemical bldg
Harvey-Burden Const. Co. (Concrete), Central National Bank bldg
Heman Constr. Co. (Sewer & Public), Title Guarantee Trust bldg
Hickey Bros., Railway Exch, bldg
*Hill John Const. Co. (Sewer, Paving, Waterworks & Masonry), Syndicate Trust bldg
Hinchman-Renton Const. Co., Granibold Holland bldg
Hirsch H. O., Wainwright bldg
Kellerman Contracting Co., H, Victoria bldg
Kiel & Daues Bricklaying & Contr. Co., 2621 Clark av
Kremer & Voirol Const. Co., Century bldg.
§Lescher J. G. Construction Co., 4237 Linton av
Lloyd H. Bldg. & Const. Co., Odd Fellows bldg
McClintic-Marshall & Co. (Bridge), 3rd Nat. Bk bldg
McClure R. P. Const. Co., 717½ 2601 N Union
§McCormack Charles B. & Son, Columbia bldg
McCormack-Combs Const. Co., Columbia bldg
McMahon Jas. T. Constr. Co., 1543 Farragut
McMahon Jno. F., Title Guaranty bldg
Manegold Contr. Co., Navarre bldg
Merrill Constr. Co., Odd Fellows bldg
Miller & Borcherding (Bridge), Frisco bldg
Mississippi Valley Const. Co., De Menil bldg
Missouri Granite & Const. Co., 3410 Gratiot av
Missouri Valley Const. Co., 3rd Nat. Bk. bldg
Moreno-Burkham Const. Co., Syndicate Trust bldg
Morey Richard, Chemical bldg
§Morrison R. W. Const. Co., International Life bldg
§Mueller Frank C. & Co., 3933 Chouteau av
Murch Bros. Const. Co., Railway Exchange bldg
*Myers Construction Co. (Gen'l), 3rd Manchester & Yale
Novaculite Paving Co., 6038 Delmar bl. (Paving)
Parker-Washington Co. (Engrs. & Contrs.), 6161 Maple
Pelligreen Const. & Inv. Co., Grand & Park av
Perkinson Bros. Construction Co. (Telford & Public), 3237 Carter av
Peters L. W., 785 Euclid av
P-K Engineers (Power Plants), 1906 Pine
§Prendergast-Clark Construction Co., 915 Olive
Prendergast Geo. G. Const. Co., Chemical bldg
Ratermann Bldg. & Contracting Co., 1943 St. Louis av
Remmers F. J. Contr. & Bldg. Co., 805 Cass av
Riley Wm. F. Const. Co., Victoria bldg
Robinson S. R. H. & Son Contr. Co., 716 Belt av
Rombaugh W. N., Gorlock bldg
Rosedale Contracting & Supply Co., Hodiamont av & Cates av
Ruecking Const. Co (Public Work), Marine av & Gasconade
Rugg Constr. Co., Syndicate Trust bldg
Rupp Jos. F. Bldg. & Contr. Co., 1901 E Warne av
Ruprecht W. & F., 8011 S. B'way
*Rust & Swift
St. Louis Cont. Co., 4425 Clayton av
Sauerbrum Const. Co. (General), Century bldg
Schirm F. Contr. Co., 4336 College av
*Scott Jno & Sons, Rialto bldg
Selden-Breck Const. Co., Fullerton bldg
Settle J. C. & Co., Pontiac bldg.
Simpkins Wm. H., 3005 Olive
Sinclair Quarry & Const. Co., Syndicate Tr. bldg
Skrainka Construction Co., Security bldg
§Steininger E. A. Construction Co., Post Dispatch bldg
Sternberg Bros. (Dredging), Natl. Bk. of Commerce
STEWART JAMES & CO., INC., Harbor, Marine & Heavy Buildings, Boatmen's Bank bldg
Stiers F. A., 4512 Morgan
Superior Press Brick Co., 3190 S Kings Highway (Brick)
Sutherland W. M. Bldg. & Contracting Co., Syndicate Trust bldg.
*Thompson J. W. (Bridge Masonry, etc.), Boatmen's Bank bldg
Toft M. J. Const. & Realty Co., Benoist bldg
Tower Grove Quarry & Const. Co., 5927 Fyler av
Unit Construction Co., Title Guaranty bldg.
Wade Bros. Const. Co., 325 N. Shady
Ward T. J. Const. Co., 1514 Olive
Ware J. A. Const. Co., Boatman's Bank bldg.
Warren Bros. Co., Railway Exchange bldg (Paving)
Webb-Kunze Const. Co. (Grading, etc.), 5927 Fyler av
Westlake Const. Co., Ry. Exch. bldg
Wiederholdt Construction Co., H, Bank of Commerce bldg
*Wilson W. R. & Son, Odd Fellows' bldg
Wimmer Contracting Co., Victoria bldg
*Wise J. H. Constr. Co., Victoria bldg
Woerman Const. Co., Syndicate Trust bldg
Zbaren P. & Sons, 4820 Ledue
Ziegelmeyer & Suter, 7300 Minnesota

SEDALIA—Detjen & Son
Faulkner Frank G.
Johnson Thos. H.
Thomas M. O.
Warren J. C.

SIKESTON—Heisler Frank
Murry Construction Co. (Large)

SPRINGFIELD—Compton A. A.
*Hedges Construction Co.
Jarrett Construction Co.
Jarrett-Richardson Paving Co.
Pauly & Ipsen
Springfield Planing Mill, Lumber & Const. Co.
Underwood-Mercer Constr. Co.

MONTANA.

ANACONDA—Calnan T. C.
Clifton-Applegate & Toole
Johnson & Law

BILLINGS—Bayer Harry, Inc.
Gagnon & Co.
§Lindstrom & Oren
McElray & Holmden
Ross & Sawyer
§Savarsey Frank
§Seebod & Thomas
§Vincent H. G.

FORT BENTON—§Hagen Henry

GREAT FALLS—Fagenstrom Bros, Contr. Co.
Jarl C. O.
Lease M. Theisen Co.
Ness & Theisen Constr. Co.

HELENA—Adami Bros.
Dryburgh John
Jacoby & Son

MISSOULA—Peppard O. E.

NEBRASKA.

BEATRICE—§Kilpatrick Bros. & Collins Contracting Co.

BENKELMAN—Christensen J. H.

FALLS CITY—American Construction Co.

LINCOLN—Assenmacher W. J. Co.
§Birchard Construction Co.
Harrison T. P.
§Jensen Louis
Olson Construction Co.
§Stephens H. A.

LOUP CITY—Ohlsen John & Son

OMAHA—§Bailey W. C.
Busk & Wind, Ramge bldg
Butke Robert, Paxton bldg
Callahan Const. Co.
Campen Co., Omaha Nat'l Bk. bldg
Condon Geo. W., Tarran bldg
Deverell W. P., Ramge blk
Drake Realty Constr. Co., 4th & Prince
Gould F. P. & Son, City Nat. Bk. bldg
Harte J. H.
Katz Construction Co. (Sewers, etc), Brandeis Theatre bldg
*Lomoreaux Bros. Co., Brandeis Theatre bldg
Murphy Hugh Construction Co. (Municipal Work, etc.)
Omaha Steel Wks. (Bridges)
§Parsons Grant, Keeline bldg
§Petersen Walter, Nat. Fid. & Cas. bldg
*Peterson Edward Co., W. O. W. bldg
*Phelan & Shirley
*Pollard & Campbell
§Selden-Breck Const. Co., Keeline bldg
Standard Bridge Co. (Bridges), City Nat Bk bldg
§Toms John J., Brandeis bldg
Vaughn Constr. Co., Peters Trust bldg
Western Bridge & Construction Co.

SOUTH OMAHA—Carter N. E., 2314 Main
Sorensen H. P., 13th & Harrison

TECUMSEH—Intermountain Bridge & Const Co (Street, Road, etc)

NEW HAMPSHIRE.

CLAREMONT—§Beckwith Hira R.

COLE BROOK—§Hicks A. C.
Young Ellsworth D.

CONCORD—§Horne & Hall
§Hutchinson Bldg Co.
Rowell & Plummer (Masons)
Swain Chas H. & Co.
Virgin Wm E. (Masons)

EPPING—Manchester R. E. & Mfg Co

LACONIA—General Contracting Co.
Wallace Bldg. Co.

MANCHESTER—Brunelle Arsene
Bunton & Bernard
Demers Joseph C.
Keane P. J. & Son
Kennedy & Peterson Construction Co
Laberge Alphonse (Mason)
Laflamme Frank X.
Manchester Real Estate & Mfg Co.
Martel L. E.
New Hampshire Cement Constr. Co.
Provost F. T. & Co
Shattuck L. H. Inc.
Toupin Joseph

NASHUA—Fowell Wm. & Son
Holt Duane F. & Son
Kennedy & Peterson Co.
Nashua Bldg Co
Osgood Cons. Co. (Waterworks, Sewer, etc)
Weston J. H. & J. S. (Masons)

PORTSMOUTH—Trefethen E. W. (Sewer, etc.)

NEW JERSEY.

ALLENHURST—Fielder Elbert O.

ARLINGTON—Salmond Bros Co

ASBURY PARK—Chamberlain J. & Sons
Leaw Bros. (Concrete)
Mooney Elwood W.
§Smock Benj. L.
§Taylor I. R. & Co

ATLANTIC CITY—Abacus Const Co
Atlantic Const & Supply Co
Baldwin Z. T. & Son
§Beaumont Wilbert
Bowen Richard T.
Buckley Ellwood
Cramer Augustus
Crosta Edward A.
Cunningham Frank M.
Goff Garner T.
§Hampton Bros. Co.
Hannum Philip G.
§Headley Samuel H.
§Higbee Wilbur S.
Hill Dredging Co. (Harbor & Public)
Holland E. J. Constr. Co.
§Knauer Newton W.
§Mathis Hiram
§Mathis J. & Son
Moore Alfred
Murtland Christopher G.
Nichols Martin S.
§Scull Bros.
§Scull Harry G.
§Smith Ellsworth E.
Taylor W. G. & Son
§Thompson Bros.
§Tilton Chas. P.
§Young Nicholas W.

ATLANTIC HIGHLANDS—§Carhart Construction Co.
Wells Wm. L.
Woodward John & Co.

AVALON—§Kates Geo. W.

BAYONNE—Brady Bros. (Large)
Brady's Jas. Sons Co.
Gottko J. & Sons (Masons)
Grant J. W.
Herbert Thos. & Son (Masons)
McCabe Bros.
Pharo J. A.
White Michael

BEACH HAVEN—Butler Wm. L.
§Grant & Cranmer

BELMAR—§Hutchinson Forman S.
§Pierce H. Frank

BERNARDSVILLE—Dick & Monaco
§Dobbs Jos.

BLOOMFIELD—§Delp Jacob (Masons)
§King Hugh D.
§Moormann Bros. (Masons)
Sempier John

BOUND BROOK—McNabb John

BRIDGETON—Barnes & Mixner
Bridgeton Construction Co.
Grosscup & Sons
Maier Geo. & Bro.
Sharp Leander

BURLINGTON—Norcross J. J.
Williams H. H.

CAMDEN—§Anderson Gustavus
§Bachmann Geo.
§Barcklow & Fulton
Dick Wilmot
§Draper James W.
Harden Frank J.
§Hensgen Bros.
§Kelley John M. Contracting Co.
Makel John
Mockett Constr. Co.
Patchett Oscar
Post H. L. & Son
§Ratcliffe Griffith
Stant, Benj. F.
Taylor C. F. Co.
Wagner Philip
Ward Aaron & Son

CAPE MAY CITY—§Hanes Jos. H.
York Bros.

NEW JERSEY—continued
CLOSTER—Bell W. H.
Taveniere & Johnson
CRANFORD—Loveland L. L.
EAST NEWARK—Van Keuren & Son
EAST ORANGE—§Grobert Henry
§Kelley & Boland
Struck Fred M.
Tobin Richard L. Co.
ELIZABETH—Anchor Building Co. (Plastering, Masonwork, Boiler Setting & Concrete Paving)
See adv index at end of book
Barnes & Van Bergen
Bond Bldg. Co.
Byrnes Michael Bldg. Co.
§Clifford Wm. & Sons Co. (Building)
Ellbacker Chas.
§Fisher S. L. & Son
§Flocken Chas. (Building & General)
Kerr Alex. & Son
McCloud Wm. J. & Co. (General)
New Jersey Dock & Bridge Building Co. (Harbor Improvements, etc)
§Slakin H. A.
Warren Jas. W. Bldg Co.
§Wilhelms H. Inc.
§Wilhelms H. Sons
Winans C. H. Co.
ENGLEWOOD—§Bogert Chas. A.
§Bried Jas. L.
Brucker Charles
Mackenzie R. H.
Reeve Wm. D. (Mason)
§Vignaux W. A.
§Westervelt J. S.
FAIR HAVEN—Smith A. E.
Smith G. W.
FAR HILLS—Layton Jos.
Moore Wm. R.
Pantley Wm. (Mason)
GLEN RIDGE—§Higgins Thos. H.
GRANTWOOD—Scioli Nicola
HACKENSACK—§Birley Geo. H.
§Collins Geo.
§Ferber Constr. Co.
Humphrey E. C.
Long F. R., W. G. Broadhurst Co.
§Voorhis C. A. Constr. Co.
Whyte Wm. H. Const. Co.
HARRISON—Harper David (Roads, etc)
§McEvoy Bros.
HOBOKEN—§Farrell M. & Son
Rath Robert J. (Mason)
Waddington R. & Son (Street & Public), 617H Adam
Whalen James
Whan Alexander
HOLLY BEACH—Scully C. J.
IRVINGTON—Dorer John (Excavating & Grading)
Irvington Bldg. Co.
JERSEY CITY—§Anderson & Johnson, 75 Roosevelt av
Baker Wm. (Sewer, Paving, etc), 137 South
Byrne Henry (Public Works), 392 Mercer
§Connelly P., 13 E Hamilton pl
Connolly M. T. Contrg. Co. (Public), 233 17th
§Crone A. W. & Sons, 493 Central av
Delatush Henry Co., 562 Newark av
§Eichmann Robt. W., 234 Summit av
Flaherty E. J. Contrg. Co., 76H Montgomery
§Gavin & Doris (Masons), 273 Grand
Grosklaus John & Son, 299 Old Bergen rd
§Hackett M. & Sons (Masons), 224 Griffith
Hahn Henry, 247 Summit av
§Harrington T. & Sons, 558 Montgomery
Hudson Concrete Const. Co., 452 Montgomery
Jewkes Jos. & Sons, 676 Montgomery
Lothrop John M., 2331 Boulevard
McDonough H. (Mason), 265 Bergen av
Mannix Jas., 25 Gilchrist
Nevins Oscar W. Co., Pavonia & West Side avs
Robertson Wm. & Son, 15 Exchange pl
Rode W. C., 153 Garfield av
•Ross P. Sanford (River & Harbor), 277 Washington
Shannon J. H. & R., 538 Bergen av
Stillman-Delehanty-Ferris Co., 26 Exchange pl
Tumulty P. Jr., 59 Brunswick
Whyte Wm. R. (Mason), 36 Oakland av
Wright & Kowalsky, Grove & 19th (Concrete)
KEARNY—§Dunn Jas. J.
Maher & McNicholas
Smith Geo. Jr. (Concrete)
LONG BRANCH—§Hughes R. H.
Melee Owen J. (Bridges, Docks, etc.)
Schoenthaler Edward
§Woolley Geo. & Co.
LYNDHURST—Burke W. J.
MANTOLOKING—Stillwell Jos.
MILLVILLE—§Chambers A. J.
§Hoffman Henry (Mason)
§Hoffman Jas. S. (Mason)
MONTCLAIR—Boon N., 291 Orange rd.
§Boxall Geo. W. (Masons)
Carlson J. S. & L. Co.
§Clark Allison P. Co.
Fusco Donato (Sewers)
Gibbs Fred W. Contracting Co. (Street & Concrete Work)
Myers G. Edward Co.
§Nelson Nels P.
§O'Neill, Edward C.
Osborne & Marsellis Co. (Roads)
§Ring Edward D.
§Sims Benj. G. (Excavating & Grading)
§Wikstrom W.
MOORESTOWN—French Walter S. (Sewer etc)
Rogers J. S. Co.
MORRISTOWN—§Collins John D. (Mason)
§Dalglish Robert
De Coster, Mills & Co.
Grupelli Eney
Lyons Jas. J. (Mason)
§Reeve & Burr
Sturgis Bros. (Masons)
NETCONG—Allen Engng. & Contr. Co.
Gallo Bros.
NEWARK—American Concrete Steel Co. (Concrete work), 29 Clinton
B. & W. Concrete Co., 207 Market (Concrete)
Baer H. Co. (Cement Const.), 842 S 19th
Becker Const. Co. (Concrete), 361 Grove
§Becker L. C. & Son, 415-13th
Blanchard Wm. L. Co., 45 Poinier
Calumet Iron Wks. (Structural Steel), 3 Hyatt av
§Clarks A. H. Son (Masons), 45 Clinton
§Connolly Wm. H. Co. (Mason), 196 Market
§Cooper Chas. S. (Mason), 20 Clinton av
De Camp & Sloan, Inc., 168 Pengtn.
Dey J. F. Co., 11 Highland av
Duckworth-Crawford Co. (Excavating & Road, etc), 111 High
Egan Martin J., 490 S 13th
Enstice Bros., 45 Clinton
§Essex Constr. Co., 87 Academy
Fatzler Fred Co., 810 Broad
Fritz W. G. Co., Essex bldg
George & O'Connor Co. (Excavating), 207 Market
Globe Bldg. Co., 443 Broad
Goeller Chas. Constr. Co., 45 Clinton
Handlowitch J. (Cement Const), 579 S 19th
Harrison & Craig Co. (Public Wk) 23 Clinton
Hedden Chas R. Co., Prudential bldg
Henry David Bldg. Co., 207 Market
Jackson Contracting Co., Inc., 113 Vesey
§Kilgus Fred, 13 S 6th
Licht Adam, 80 Alyea
•Linde & Griffith Co. (Bridges, Concrete, etc), ft 4th av
McGee D. W. Constr. Co., 142 First
MacPhee Bros., 1045 Bergen
Milmoe Alex J., 83 Littleton av
Milone Const. Co., 800 Broad
Newark Masons Contracting Co., 156 Ridge
New Jersey Cement Const. Co., 365 Park
Newark Paving Co., 133 1st
North Jersey Bldg. Co., 207 Market
•O'Gara Construction Co. (Road, Paving, etc.), 244 Market
Oschwald Bros. (Masons), 845 Broad
Peck & Benson, 31 Clinton
§Petz Constr. Co., 207 Market
Pitts Co. (Paving), 58 E Park av
Reynolds Const. Co., 308 S 9th
Robinson Jas. E. (Engineering), 274 South
Robinson Jos. A. (Paving), 87 Madison
Sattler Wm., 44 Breifnold pl.
Schaedel & Bro. Co., 118 Bruce
Schneider H. C. Co., 514 S 14th
Schubert's Jos. C. Sons, 364 S 11th
Shanley J. F. Co., 31 Clinton
Shaw Jno. W. & Son Co., 351 S 9th
Van Keuren & Son, 501 Passaic av
Vanderhoof Peter & Sons Co. (Masonry, etc), 285 Broad
Varley Geo. & Sons, 29 Hudson
§Waldron Edw. M., Inc., 27 Cent. av
Waldron E. M. & Co., 84 S 6th
NEW BRUNSWICK—Conway Martin
Jelin Abraham
Rule Geo. B.
Sebolt Conrad
Utility Constr. Co.
NUTLEY—§N. Y. Continental Jewell Filtration Co. (Govt., Municipal, Industrial & Railway Work)
OCEAN CITY—§Corson Leander S.
Sutton & Corson Co. (Roads, etc).
§Townsend Otis M.
OCEAN GROVE—Leaw Bros.
Minton Bros. (Masons)
ORANGE—Connors & Fittin (Masons)
Edwards W. F. & Co.
§Hay Wm. A.
Kearns Patrick
§McElnea David
Nelson Const. Co. (Concrete)
§Preiss & Co.
Soverel S. H. & Co.
†Wright & Lindsley
PALMYRA—§Shade Jos. W.
§Shaner Geo. W. & Sons
PASSAIC—Baker Wm.
Berridge Bldg. Co.
De Vogel Contr. Co.
O'Leary J. J. Co.
Skvarla John (Mason)
Swenson L. & Son
PATERSON—B. & W. Concrete Co. (Concrete)
Breen Leonard M. Bldg. Co.
Campf Ralph
De Jong Chas. Bldg. Co.
§Ferguson Jno. W. Co.
§Gleek Albert & Son (Masons)
Henry David Bldg. Co. (Engrs. & Contrs)
Lynch Michael Const. Co.
McKiernan & Bergin Co. (Roads, Paving, etc.)
Pittet Felix G. (Mason)
Platt Wm. L. Const. Co.
Sanitary Constr. Co.
Sharpe Joseph Const. Co.
Steele & Son
Sullivan & McNally Co.
§Tanis Nicholas (Mason)
§Van Houten A. B. & Son
Van Kirk P. S. Co. (Mason)
Verduin Abraham (Mason)
PERTH AMBOY—Christensen Carl C.
§Christensen Fred. Constr. Co.
Crouse Ira R.
Graham & McKeon
Meagher & Smith
Mercer Geo. W. Const. Co.
Wester Jens N.
PLAINFIELD—Abbott John C.
Burke Jos. F. Co.
Manning Jas. C.
Milne Alexander
Pangborn's W. H. Son (Mason)
Tallamy B. F. & Bro.
PLEASANTVILLE—Adams Chas. S.
Adams Winfield
Yates James
PRINCETON—§Dempsey & Dempsey
McCarthy & Sons Co.
§Matthews Construction Co.
Stillwell S. H.
Warren Benj. R. & Sons
RAHWAY—§Lamphear Henry L.
Weldon Contr. Co.
RED BANK—Burd Chas. E.
§Earling, Johnson & Fiske Co.
Monmouth Contracting Co.
Scott & Scott
Scott & Yetman (Masons)
Thompson & Matthews Co.
RIDGEWOOD—Christopher J. H.
Phillips & Sons
Zabriskie P. L.
RUTHERFORD—Ahrens, Claus & Co.
Van Roden Frank
SEA ISLE CITY—§Arnett Edw. B.
§Delaney J. P.
§Pfeiffer Clarence
SOMERVILLE—§Gunzelman & Cramer
Hardgrove Wm. (Macadam & Public)
SOUTH ORANGE—§Becker Henry & Sons (Masons)
§Gunzelman & Cramer
Heller Jno. M.
Kernan R. H. & Bro.
SOUTH VINELAND—§Brown Arthur
SPRING LAKE—Moore H. H.
STONE HARBOR—Larsen Contr. Co.
SUMMIT—§Gilchrist David D.
Heims F. W. (Masons)
§Kelly & Boland
Lamb John J.
§Stryker A. A. & [illegible]
TENAFLY—Brewster [illegible] M. & Son
Westervelt Geo. E.
TOWN OF UNION—Dennehy Thos.
De Riso Bros.
§Vroman J. E. Co.
TRENTON—Bugbee Newton A. K. & Co.
§Burton & Burton (Masons)
Case Andrew J.
Donegan Thos. F. (Mason)
Dugan Dan A.
Freedman Louis
Hurley Jno. H. (Sewer, etc)
Lawton Lewis & Son (Masonry, Kiln Bldrs)
Martin Jos.
Mather S. W. & Sons
§Morris W. J.
Reeger Ed
Rees, Taylor & Co., Inc. (Concrete)
Voorhees A. C.
VERONA—Bahr Chas. (Excavating & Grading)
Brown Ed. B.
Farrand Teo. S.
VINELAND—Foulk Walter L.
WASHINGTON—§Lance Arch
WEEHAWKEN—Roman Otto E.
WEST HOBOKEN—Clinton Constr. Co.
Kleinke Aug.
Murphy Jos. & Son
WEST NEW YORK—Mazzoni R.
WEST ORANGE—§McElnea Henry
§Vogel Adolph
§Wolfe & Jelson
WILDWOOD—§Bonham Winchester
McEwen Jos. Jr.
§Reeves Mark B.
WOODBRIDGE—Treen John, Jr. (Mason)
WOODBURY—Allen Thompson
Best Jas. B.
Henry Edw P.
WOODSTOWN—§Seagraves & Purtel

NEW MEXICO.

ALBUQUERQUE—§Gertig E. A.
§Hayden A. W.
§Lemke E.
McGaffey Co.
McQuade J. W. (Building, etc)
Sawtelle M. P.
SANTA FE—§Campbell Bros.
§Digneo Carlos (Mason)
§Windsor A.

NEW YORK.

ALBANY—§Bame & Cardell, 176 Warren
•Boland C. P. & Co., 36 State
Cassidy & Gallagher, 73 Elm
Central N. Y. Concrete Co., Inc., 100 State
Collins John M., 82 State
§Davis Chas. J. Bldg. Co.

Dillon Edward F., 5 N First
Dollard M. F. (Grading)
§Dyer Jno. Jr. (Docks, etc), 6 S Pearl
§Feeney & Sheehan Bldg. Co., 164 Montgomery
Finke Bros., 302 Central av
Finn James J. & Son, 9 Cuyler av
Ft. Orange Const. Co., 61 Columbia
Fulton Bros (Mason), 19 Warren
Gander A. & Sons, 14 Osborn
Kantrowitz Morris, 20½ Market
§Keeler Peter Bldg Co., 425 Orange
Kolb Portable Bldg. Co., 30 Church
Little & Zengen, 284a Quail
McCann Bldg. Co., 68 State
Panzieri A. Co., Inc., 50 Beaver
Pasquini Attilio, 208 Sherman
Randerson John P. (Dredging, etc), 51 State
§Ryder M. L. Bldg. Co., 362 State
Shaugnessy Const. Co., 372 B'way
†Sheehan Wm. G. Const. Co., 28 De Witt
Siems Carey H. S. Berbaugh, Inc. (Railroad), 120 B'way
St. Lawrence Constr. Co., Inc., 36 State
§Stephens Thos. & Sons, 275 Lark
United Const. Co. (Bridges, etc), 27 James
§Waldbillig John B., 425 1st
Walker Jos. Const. Co., 90 State

ALBION—Belson Henry C.
§Buell Ward S.
§Grear P. L.
§Harris Geo. D.
§Hucknall Thos. (Road)
§Phillips Fred, Sr. (Mason)

AUBURN—§Brayer Bros., Smith block
§Defendorf Chas. J.
Koon E. B. & H. J. (Masons), 31 Mill
Shaver Bros.
§Stuart Wm. A.
§Williams Luke

BABYLON—Howell E. W.

BATAVIA—§Cummings J. C.
§Dellinger Edward
Ditzel & Ward (Masons)
§Glade John & Sons
§Pickert John

BINGHAMTON—Davis & Coleman Co. Inc.
Ford M. I. Co.
Gaylord Engng. & Constr. Co.
Jones-Beers Co.
§Lewis John L.
Mitchell & Co.
O'Neil Geo. F.
O'Neil Jas.
Parsons Constr. Co., Inc.
Tyne & Willey
Willey A. L.

BROCKPORT—Cleveland & Sons Co.

BUFFALO—Albrecht John (Mason), 167 Grace
American Concrete Paving Co., 166 Georgia
Anderson Aug. E., Prudential bldg
Barber Asphalt Paving Co. (Street, etc.), E Delavan av & Belt Line
Barnwell C. P. Contracting Co., 398 14th
Baynes Wm. J. Co., Inc., 143 Hampshire
Beck Herman, 325 Winslow av
Beecher Scott M., 1054 Lovejoy
Berrick's Chas. Sons Co., 1151 Main
Bird Christopher (Excavating), 95 Greenwood pl
Borkenhagen A. & Son, 175 Norwalk av
Boseck Otto M., 99 Mariemont av
Brown Thos. Contracting Co. (Excavating, etc.), 1135 Niagara
Buffalo Dredging Co. (Dredging, Sewer, etc.), D. S. Morgan bldg
Burgard Henry P. Co. (Sewer & Public), 1968 Fillmore av
Burke Jas. J., 336 Katherine
Busch & Percival (Engineers & Contrs), Brisbane bldg
Chesley, Earl & Heimbach, Inc. (Pile Driving Excavating, Railway & Factory Building, Concrete, Masonry, etc.), 20 Breckenridge
Cohen Frank L. (Paving), Pearl & Church
Cold Springs Constr. Co., 528 Ellicott sq
Constantine Constr. Co., 240 Dewey av
Cowper John W. & Co., Fidelity bldg
Crescent Concrete Co., Erie Co. B'k bldg
Crooker B. I. Co., Builders Exchange
§Dadswell Arthur L., 334 E Ferry
Danforth John W. Co. (For Mechanical Equipment), 70 Ellicott
Dark & Co. (Sewer, etc.), 654 Main
Delmonto Paving Co., (Paving), 1537 Fillmore av
Dill Wm. H. Co., 153 Masten av
Dwyer J. W. & Son, Ellicott sq
Eagan & Dougan, Mutual Life bldg
•Eastern Concrete Steel Co. (Reinforced Work, Sewers, etc.), D. S. Morgan bldg
Erie Bldg. Co., 1175 Hertel av
Erie Const. Co., Marine Natl. Bk. bldg
Erie Contr. Co., D. S. Morgan bldg
Federal Concrete Co. (Concrete), 2675 Main
Felton Wm. F., 1450 Michigan av
Fimiani Joseph & Son (Masons), 483 Breckenridge
Forbach Christ, 204 French
Forrest Chas., 46 Mohawk
Frailey J. & Bro., 451 Pearl
Frank Peter H. & Son (Masonry), Prudential bldg
Friedman F J. (Mason), 53 Fox
Frontier Contr. Co., Morgan bldg
Gentile Bros. (Mason), 617 Abbott rd
German Rock Asphalt Co. (Paving), D. S. Morgan bldg
Gibbs John W., Morgan bldg
•Grattan & Lattimer, ft of Main
Grupp Edw. & Son (Mason), 125 Glenwood av
Hager E. M. & Sons Co., 141 Elm
Haist Edw. R., 1701 Main
Hanssel Frank G., Ellicott Sq.
Harrison Engineering & Constr. Corp., Ellicott Sq.
Henrich's Wm. Sons Co., 193 Spring
Herman Geo., 28 Hillside av
Hibbard Frank W., 108 Fargo av
Hoffmeyer Bros., 308 Dearborn
Horton D. E. Const. Co. (Pile Driving, Dock Crib & Trestle), Prudential bldg
Hughes Geo. M., 211 E Utica
Huntley & Derdinger Corp., Electric bldg
Hydro Construction Co., Mutual Life bldg
Johnson John Constr. Co., 765 Abbott rd
§Kempf Geo. Sons, 823 Virginia
Klopp John F., Ellicott sq
Koelle Aug., 61 Bissell av
§Krantz John J., 283 Walden av
Lackawanna Bridge Co.
§Lanctot Clyde H., Ellicott sq
Lathrop, Shea & Henwood Co., 428 Ellicott sq
Linwood Constr. Co., Marine Nat'l Bk. bldg
Maltby Geo. W. & Sons Co., 21 Maryland
Mayer Albert A. (Concrete), 2128 Fillmore av
Metz Bros. Co., 1295 Fillmore av
Metzler Wm. G. (Mason), 28 Paul pl
Monarch Engng. Co., Cham of Com bldg
Morris & Allan (General), Builders' Exch
Mosier & Summers (General), 1266 Seneca
Mumm Fred J. Contracting Co., 174 Best
Nevinger Dan'l D., 1259 Abbott rd
Niederpreum Bldg. Co., 1170 Jefferson
O'Day John (Marine Contr), 90 Miami
Parks Geo. & Sons Co., 217 15th
Peckham Const. Co. Inc., Niagara Life bldg
Progressive Structural Steel Co., 504 Bailey av
Pugeil John, 207 Loepere
Richter Joseph & Son, 863 Glenwood av
Riemer Otto, 63 French
Rhode Wm., 680 Elm
Rossney Contrg. Corp., Mutual Life bldg
Sansom & Nagel (Mason), Iroquois bldg
Schaaf Co., Mutual Life bldg
Sherrill Chas. L., Morgan bldg
Smith W. G. (Sewer), 15 Florence
Spire & Prior (Paving, Sewer, etc), Ellicott sq
•Stabell Jos. F. Co. (Sewers, Public & R R Works), 1127 Niagara
Stanley Constr. Co., 6 S Division
§Stokes Bros., 50 Brayton
Suor & Suor Bldg. Co., Builders' Exch
Tifft Constr. Co., Iroquois bldg
Tunmore A. E., 496 W Utica
Turner Construction Co., 11 Goodell
Wagner Peter & Son, 334 Herman
Williams Robt. E., Iroquois bldg
Wittig A. F., 2554 Bailey av
Ziegler A. & Son, 164 Edward

CANANDAIGUA—Rouse George & Son
Smith Hugh M. & Son

CATSKILL—Holdridge Geo. W. & Co. (Street)

CLYDE—Tuck C. H.

COHOES—Buchanan Wm. D.
Byron, Forman & Riggs, Inc.
Grattan T. F. Co.
Neary J. H. & Sons
O'Clair John

CORNING—Bradley John C.
Corning Building Co.
§Drehmer H. G.
§Runner D. M.

CORNWALL—§Taylor Harvey R. Building Corp. (General)

CORTLAND—Beers & Warfield (General)

DOBBS FERRY—§Creedon Michael
Hasbrouck Garrett
Odell Geo. W.

DUNKIRK—Aldrich Benj. F.
Dunkirk Const. Co.
Dunkirk Mason & Contr. Co.
Lake Shore Constr. & Supply Co.
Meister Contr. Co.
§Richardson Ernest F.
§Taylor John A.
Union Builders Co-Operative Contr. Co.

ELMIRA—§Cunningham John
McGreevy, McGuigen & Baum Const. Co.
Pulford Dempsey Const. Co.
Thurston & Haskell
Welliver W. H.

FREDONIA—Goggin Patrick
Lyne S. T. (Paving & Sewer)
Sardeson John

GENEVA—Benjamin Chas K.
Brennan J. W. Constr. Co.
Dove Wm. G.
Finn Jas. E.
Frautz Wm. H. (Mason)
Henry J. G.
Henson R. W.
Hilkert A. B.
Nagel Samuel

GLENS FALLS—§Acker J. Fred
§Dubee A. J.
§Fredella Jos.
Glens Falls Brick Co.
Glens Falls Portland Cement Co.
§Goodness J. E.
Rhinelander R. H.

GLOVERSVILLE—Banker A. M. (Paving, etc)
Blowers Frank L. (Cement)
Brace A. E. Construction Co.
Brott H. R. (Mason)
§Dye John K.
§Dye Walter F.
§Finkle J. J.
Lair John M.
Little & Craig

GREENPORT—Reeves W. H. & Co.

HAVERSTRAW—Carson & Furman
Springsteen Bros.

HERKIMER—Newport Const. Co.

HORNELL—Dennison Lee
Greenfield Constr. Co.
Spink Wm. H.
Tucker Seth L.

HUDSON—Cruise Thos.
Panigot C. W.
Van de Carr & Stacy
Weaver Bldg. & Supply Co.

HUDSON FALLS—Flood & Van Wirt Co.
Kingsbury Const. Co.

ITHACA—Driscoll Bros. & Co.
Hillick James Co.
Perry Geo. W.
Spencer & Spencer
§Swartwood C. J.

JAMESTOWN—Benedict & Swanson (Masons & Excavating)
Calahane Jas. P. (Sewer & Conduit)
Chapman & Graham, Inc.
Haas Chas. C.
Jamestown Construction Co.
Lawson J. F.
Lindbeck Chas.
Mahoney Thomas (Paving, Sewer)
Mahoney & Swanson (Bridges, Concrete)
Shellberg & Lawson
§Swanson Chas.
Warren Construction Co.

JOHNSTOWN—Currie Marvin & Son (Mason)
§Hess Jonah
§Howarth G. H. & Son
§Nolan Bros.
§Seaman Jas. & Son
§Simmons P. M.

KINGSTON—Campbell & Dempsey Co. (Public Work & Masonry)
Dederick A. E.
Hunt Bros.
Mauterstock Albert
Osterhoudt P. C. & Co.
Swart Elmer E.

LACKAWANNA—Crosta J. H.
Strack Fred C. (Sewers, etc.)

LANCASTER—Adolf Joseph
Ott Bros. (Paving, etc)
Wendell Michael

LAWRENCE—Smith John H. Co.

LITTLE FALLS—Berrigan William J.
Hallinan Bros. (General)
McCaghey P. B. Co.

LOCKPORT—§Blackley L. J.
Moon John
Nottleman Wm. J.
O'Brien Andrew M.
Stainthorpe C. N. & Co.
Whitney Harry E. (Concrete)

LYONS—Bramer E. L.
Sherman, Stalter

MALONE—§Duffin John
Murtagh P. J.

MEDINA—Lindke John
Sanucci Paola (Mason)
Schuyler J. P.
Soucie A.

MEMPHIS—Paddock Frank E.

MOUNT VERNON—§Barbaresi A. & Son
§Borgwald John (Masons)
§Borgwald Wm.
§Durr Sebastian
Evans S. T.
Guarino Contr. Co. Inc.
§Haag Jacob
Jenks & Plume (Masons)
§Kain Jas. R.
§McCarten A. J.
Nordone Frank
§Robinson Harry J.
§Robinson W. J.
§Sergeant Wm. H. (Mason)
Stolz A. G.
§Tegan Owen J.
Transit Constr. Co.
§Ultcht A. A.
Weldon Geo.

NEWARK—Schuman O. E.

NEWBURGH—Burhans Lewis
Creveing Whitfield
Metrusty, David (Mason)
Newburgh Planing Mill Co.
Parrott Wm. (Dock & River)
Theall W. L.
§Todd Jas.
§Tweed & Woodruff
Wilson J. D.

NEW ROCHELLE—Bantel M. (Mason)
Cameron Peter A.
§Doyle John
Ensinger Contr. Co.
§Kirchoff A. G. J.
New F. J.
Peterson Bros.
Pioneer Contr. Co.
§Thompson John N.
§Watson Geo.
Wilks-Casey Engng. & Contr. Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ajax Drainage Constr. Corp. 60 Herkimer
Amsel Constr. Co. Inc., 927 B'way
Anderson's John D. Sons, 952 Greene av
Armendinger M. & Son, 1153 Myrtle av
Ashfield F. J. (Large, 350 Fulton
Borough Development Co., 186 Remsen
§Brown Henry J & Son, 1534 Fulton
§Brown Rufus H. Inc., 350 Fulton
§Bruchhauser Henry & Son, 130 Ellery
Buckley Washington, Inc., 94 Emerson pl
§Calder Wm. M., 1648 11th av
Cashman John J., 44 Court
§Chatterton Jas. M., 108 S 8th
Clarke T. A. Co., 122 Livingston
§Cleary Peter (Large), 115 Marion
Cranford Charles, 186 Remsen
Cranford Co. (Paving), 52-9th
Cronin Barth S. Co. (Dock & Public Works), 573 Clinton
Dady M. J. (Public Works); 350 Fulton
§Diamond Bernard, 12 Bergen
§Diedrick Aug., 97 Van Buren
Donegan D. Co., 5904 14th av
§Donlon Thos. Co., 294 Butler
§Dooley C. L. Inc., 257 Adelphi
Driscoll Geo. F. Co., 548 Union
Empire Engineering Co. Inc. (Railroad), 6 Church
§Felgenhauer Frank J. Co., 4 Court sq
§Ferguson Robt. B. (Large), 254 Lee av
§Fitall John C. Co., 181 Putnam av
§Franz Chas., 365 Kosciusko
§Fraser & Berau, 1761 Fulton
§Gallagher B. & Son, 134 B'way
Gallagher Frank J., 490 Park pl
§Greenman Wm. B., 350 Fulton
§Guthy Peter, 926 B'way
Hossack Bros., 62 Schermerhorn
§Hough Sam'l L. (Large), 344 Roebling
Jung Fred'k, 316 Evergreen av
Kennedy Wm. Constr. Co., 215 Montague
Kleinert Albert E., 316 Flatbush av
Kordes Hy. E., 243 Moffat
McCormick Thos. E., 810 Lincoln rd
§McGarry W. P. Co., 306 Freeman
§MacArthur Jas. Co., 22 Ormond pl
§Maguire Edward J., 1263 Atlantic av
§Masem Nicholas & Co., 369 Troutman
§Miller Wm. G., 16 Bedford av
§Moore Wm. D. & Sons, Winthrop
Nelson John F., 693 Hicks
Newman & Carey Sub. Const. Co., 1228 Nostrand av
§Norton & Gorman (Public Works), 301 Douglas
O'Rourke John H. Co., 264 79th
Otis H. F., 488 Clermont av
§Roberts, Nash & Co., Inc.
Rocker Henry, 357 Crescent
§Rush Frank H., 393 Greene av
§Scala Vincent, 73 Carroll
§Schaedle Geo. W., 144 Devoe
§Schlachter Henry, 348 Alpha pl
§Schneider Christ & Son, 1251 De Kalb av
Schubert Bernard, 155 Jamaica av
Shipley Constr. & Supply Co., Columbia & Warren
§Smith Howard J. & Son, 256 St. James pl
§Smith & Thompson, 47 Park pl
Strype Richard, 40 Coffey
§Thatcher Jno. & Son, 60 Park av
Thompson Wm. R., 825 Marcy av
Tunison Willard E., 262 Greene av
Veit Herman, Inc, 260 De Voe
Warwick & Collins, 108 S 8th
§Zimmermann Louis, 27 Logan

Manhattan and The Bronx.

NEW YORK—A. D. Standard Contrg. Co., 225 Lexington av
§A. J. Contr. Co., Inc., 101 Park av.
§Abbott E. T. Construction Co., 1135 B'way
§Adams Albert L., 217 E 5th
Adams Chas. J. & Sons, 24 Gold
§Adamson J. H., 57 Ann
§Alexander Robert, 130 W 24th
Almion Engng. & Contr. Co., 25 Church
Ambursen Constr. Co. (Dams, Bulkheads, Power Houses & General Hydraulic Const), 61 B'way
§American Bridge Co., 30 Church
Ames Contr. Co., Inc., 236th & Kingsbridge
§Amsterdam Building Co., 140 W 42d
Andrews Bldg. Co., 1475 B'way
Architectural Contrg. Co., 101 Park av
Asphalt Construction Co. (Paving, etc), Madison av & 137th
§Auletta Constr. Co., 103 Park av
§Austin Co. (Industrial), 217 B'way
Barney-Ahlers Construction Corp., 110 W 40th
Barstow W. S. & Co. (Gas, Electric & Power Plants), 50 Pine
§Battery Engng. & Constr. Co., 17 Battery pl. (Tunneling)
Beaumont G. B. Co., 286 5th av
Beaver Engng. & Contr. Co., 51 Church
§Beers Isaac, 123 E 23d
Bergen & Lindeman 140 Liberty (Chimneys)
Berlin Construction Co., 220 B'way
Best H. D. Co., 52 Vanderbilt av
§Bing & Bing Constr. Co., Inc., 119 W 40th
Bishop J. W. Co. (Bldg, etc), 101 Park av
Bitoslag Paving Co., 90 West
Booth & Flinn, Ltd., 17 Battery pl
Bouker Contracting Co., 24 State
Boyle Frank & Sons (Masons), 154 E 40th
Bradley Contracting Co., 1 Madison av
§Brady John T. & Co. (& Masons), 103 Park av
Braender Bldg. & Const. Co., 315 4th av
Breen Michael, 1362 Inwood av
§Breen & Rinn, 624 Madison av
Brennan Peter J. & Son, 624 Madison av
Breuchaud Jules, 290 B'way
Briggs & McLaughlin Contrg. Co. (Sewerage), 337 E. 134th
Broadway Contr. Co., Inc., 4925 B'way
§Bistoslag Paving Co., 90 West
•Brocklehurst & Potter Co., 1328 B'way
§Broderick Edmund D., 110 W 40th
§Brose Andrew, 42 W 23d
Brown Elliot C. Co., 70 E 45th
Bryson Thos. B., 52 Vanderbilt av
Buckley Jeremiah, 2233 Creston av
Buckley Thos. J. Construction Co., 303 5th av.
§Bunn & Nase, 1123 B'way
Burnett Engng. & Const. Co., 501 W 145th
Calhoun D. A. & Co., 52 Vanderbilt av
Campbell Christopher, Inc, 286 5th av
§Cane W. H. & F. W., 233 B'way
Carleton Co., 151 W 42d
§Carlin P. J. Const. Co., 1123 B'way
•Carter Const. Co., 42 B'way
Casey Richard H., Inc. (Large), 246 W 16th
Cauldwell, Wingate Co., 381 4th av
Cement Gun Constr. Co., 149 B'way
Central Station Equipment Co., 114 Liberty
§Champion & Levien, Inc., 48 E 10th
Chapman Robt. & Co., 1874 Park av
•Clark & Co. (Public Works), 225 5th av
Clay Contr. & Bldg. Matl. Co., 369 E 167th
Cluse Robt. J., 3d av & 148th
§Cogan J. F. C., 233 B'way (Sewer & Water Works)
Colon George & Co., 81 E 125th
Comerma Co., 114 Liberty
†Commercial Const. Co., 8 Bridge
Communipaw Co., 95 Liberty
Comstock L. K. & Co., 21 E 40th
§Conners Bros. Co., 64 W 88th
Connolly Jas., 355 Rivington
Conrady M. J., 475 Greenwich (Masons)
Consolidated Telegraph & Electrical Subway Co. (Subway, etc), 54 Lafayette
Constant P. J., 277 B'way
Construction Service Co. (Engrs & Contrs), 15 William
Contessa Vito, 311 E 119th
Cook F. A. & Son (Mason), 127 W 40th
Cooper Hugh L. & Co. (Water Power Construction), 101 Park av
Cornell J. N. H., 29 B'way
§Corning Edward Co., Vanderbilt av & 45th
§Corson George W. & Sons, 210 E. 89th
Cotter T., 2364 Tiebout av
§Cowen Chas. A. & Co., 30 E 42d
Cox P. T. Contracting Co., Inc., 154 Nassau
Cramp & Co., Inc. (Large), 25 E 26th
§Crawford Wm., 5 E 42d
§Crimmins Thos. Contr. Co. (Municipal & Public), 444 E 69th
Crockett W. & W. F., 306 E 59th
Crow Wm. L. Const. Co., 103 Park av
§Cruishank Clinton M., 103 Park av
Cuban Eng. & Contr. Co., 17 W 42d
Cunningham T. Co. (Sewer & Public), 608 E 15th
§Cunningham & Foley, Inc., 219 W 116th
•Cuozzo D., 21 Park Row
Curtin-Ruggles Co., 39 Cortlandt
§Daarf Contrg. Corp., 117 W 25th
§Dall J. Const. Co., Grand Central Term.
Daniels Oscar Co., Woolworth bldg
Dawson & Archer, 15 E 40th
§Deeves J. H. & Bro., 103 Park av
§Deeves Richard & Son, 309 B'way
•†Degnon Contr. Co. (Public & Marine), B'way & Chambers
§Deisler J. G., 105 W 40th
Dempsey Chas. J., 218 E 87th
Dempsey W. J. (Excavating), 103 Park av
Denneen C. A. Co., 42 B'way
De Pasquale Salvatore M., 2975 Marion av
§Devlin John O. Construction Co., 233 Broadway
Dickson & Turnbull, 421 W 54th
§Dinnebell Bros., 200 5th av
Dollan Jos. Contrg. Co., 25 W 140th
§Downey Jno. I. (Est. of), 410 W 34th
Duffy Contrg. Co. (Excavating), 633 W 46th
Dugan Geo. A. & Co., 200 Fifth av
Dunn & Sheridan, 160 E 32d
§Durkin Jno. J., 851 11th av
Eagle Building & Construction Co., 405 E 117th
§Eastern Const. Co., 110 W 40th
§Eaton Brown & Simpson, Inc., 90 West
§Eberhardt & Podgur, 505 5th av
Egan Jas. F. Co., Inc., 162 W 20th
§Eidlitz Marc & Son, 30 E 42d
Engineers Corp, 43 Exchange pl
§Exner Paul J. & Son, 109th & E. R.
Falk Frank Co., 60 Old Broadway
§Farley Jas. A., 569 5th av
Fearon F. G. Co., 280 Madison av
Ferguson Jno. W. Co., 253 Broadway
§Ferguson Thos., 192 Bradhurst av
Figliuolo J., 719 Union av
Field Contracting Co., 40 Manhattan av
§Fisher Geo. A. Co., 600 W 144th
§Fissell Wm. H. & Co., 1328 Broadway
§Flanagan Wm., 118 E 28th
Fleischmann Const. Co., 531 7th av
§Flickwir & Bush, 1 Madison av
§Fogliasso-Clement Bldg., Co., 197 Bleecker
§Ford Bacon & Davis Corp., 115 B'way
Foundation Co. (Engineers & Contractors, Caisson & Bridge Foundations, Sea Walls, Excavations, Tunnels, Mine Shafts, etc.), 120 Liberty
§Fountain & Choate (Large), 114 E 23rd
Fox Henry E. Const. Co., 81 E 125th
Frankin Contracting Co., 52 Vanderbilt av
Fraser-Brace & Co., 1328 Broadway
Fried Jos., 530 E 71st
§Frymier & Hanna Co., 25 W 45th
Fullam Constr. Co., 103 Park av
§Fuller Elam H., 416 W Broadway
Fuller Geo. A. Co., 949H Bway
§Gabler Const. Co., 402 Hudson
Gallick Jos., 469 Concord av
Gallin Jno. & Son, 6 Gold
§Gallagher & Co. (Mason), 501 W 145th
Galligan Thomas, Inc., 518 E 23d
§Gamp Hy. S., 1935 Clinton av
Garvey Bros., 1911 White Plains rd
•General Contracting & Engineering Co. (Railroads, Piers, Docks, Bulkheads & Harbor Improvements), 29 Broadway
§Gescheidt Jacob & Co., 142 E. 43d
Gest Guy M., 237 Broadway
§Getty Hugh, 359 W 26th
§Gilbert Wright L., 144 Chambers
§Giles Drilling Co., Inc., 30 Church (Core Boring)
•†Gillespie T. A. Co., 50 Church
§Gillies, Campbell Co., 101 Park av
Goble Frank N., 1 E 42nd
Godwin Construction Co. (Harbor Improvements), 251 Fourth av
Goodman Contracting Co. (Water, Gas & Drainage), 263 E 133rd
Goodman Patrick (Pipe Work), 943H Fulton
Grand Central Construction Co., 142H E 43rd
Grange & Sloan, 527 5th av
§Grant Contracting Co., 7 E 42d
§Green Warren E. Co., 29 W 38th
Greenberg & Bartlett, 103 Park av
Greenwald & Pollak, 30 E 42d
Gregorio Nicholas & Co., 860 E 228th
§Groll P. J. Constr. Co., 145 E 53d
Gross & Herman, 529 W 158th
Grymes Engng. Co., 17 Battery pl
§Guarantee Construction Co., 92 West
Guarantee Construction Co. (& Engineers; Complete Power & Industrial Plants), 92 West
Guarino Fortunato (Excavating), 254 E 110th
§Guidone A. L. & Son, 52 Vanderbilt av
Gussaroff Realty & Cons. Co., 601 W 149th
Haas's Julius Sons, 436 E 67th
Hale & Cameron, 7 E 42nd
Hall Charles Ward, 140 Nassau
Hallahan & Ahearn, 271 W 125th
§Hamilton A. & Son, 2490 Tiebout av
Handy Bros., 106 Field pl
Harbater & Silk, 106 W 13th
•Harby Abrans & Melius, 15 E 40th
§Harperly Hall Co., Central P. W. & 64th
Hart Jas. A. Co., 256 Broadway
†Hatzell & Buehler, 373 4th av
Hazell A. M. Inc., 26 Cortlandt
Heaphy A. C., 308 W 103rd
Hearn John J. Const. Co., 1036 6th av
Helbock C., 633 Wales av
§Henderson Alex., 305 W 21st
Henry Contracting Co., 633 W 47th
Hickey Contracting Co., 841 Broadway
§Hines Frank H., 128 W 124th
Hoggson Bros. (Inc.), (Bank), 485 5th av
Holbrook, Cabot & Rollins Corp., 52 Vanderbilt av
Hollerith Building & Contracting Co., 1298 Union av
§Holmes Bros. (Underwriters' Works), 256 Broadway
Hopper Jno. J. Inc., 217 W 125th
§Hopper Thos. T. Co., 280 Madison av
Horn Edward C. Sons, 1476 Broadway
§Howes R. H. Const. Co., 105 W 40th
§H. & T. Constr. Co., 105 W 40
Hudson Companies, 111 Broadway
§Hughes Bros., 1123 Broadway
§Hupfauf Herman, 7 E 42d
•Hyde Frank D., 90 West
Indelli & Conforti Co., 847 Bryant av
Industrial Engng. Co. (Engrs), 30 Church
Ingersoll Engng. & Constr. Co., 70 E 45th
Irons & Todd, 101 Park av
§Isear Meyer, 481 E 174th
§J. H. M. Const. Co., 54 Maiden la
Jacob & Youngs, 116 W 32nd
§Jennings & Welstead Corp., 237 E 41st

Jobson-Gifford Co., 30 E 42d
§Johnson A. V. & Co., 1123 Broadway
§Johnson Chas. O., 240 10th av
§Johnson Robt. Inc., 204 E 58th
Johnson Sherrane Co., 103 Park av
Kandel Concrete Co., 100 W 117th
Kearns P. J., Contracting Co., 2306 Creston av
§Kelley Samuel D., 4 Gold
Kennedy Jno. & Co., 1133 Broadway
Kenn-Well Contracting Co., 841 B'way
Ker, Norman Co., 1123 B'way
Kerbaugh-Empire Co., 6 Church
Kerner Contr. Co., 405 Lex. av
§Kerwin Andrew J. Jr., 1133 B'way
§Ketcham Tredwell, 424 E 165th
Kidde Walter & Co., Inc., 140 Cedar
§Klappert's C. W. Sons, 328 E 25th
§Kleban Louis E., 1714 Crotona pk E
Klingberg W. & Son, 50 Church
Knight & De Micco (Excavating), 2353 Wash. av
Knopp Bernard, 431 W 41st
§Kovalsky Bros., 7 E 42d
§Krulewitch E. M., 30 E. 42d
Lackawanna Bridge Co., 2 Rector
§Laimbeer John Jr., 103 Park av
Lanigan Bros., Bronx River & 165th
Lanman Wm. H., 165 Broadway
Larkin Michael & Son, 519 E 16th
Lawless Bros., 1072 3rd av
Lawrence Contrg. Co., 2409 Walton av
Leahy M. H. (Sewer & Public), 1446 Prospect av
Leahy Thos. Bldg Co., 137 E 25th
§Leddy & Moore, 105 W 40th
Leonard Const. Co., 17 Battery pl
Leopold J. & Co., 233 Broadway
Ley Fred T. & Co. Inc. (Power Houses, Conduit Work, Bridges, Sewers, Water Works, Dams, High Tension Works, Roads, etc), 19 W 44th
§L'Hommedieu's J. H. Son & Co., 132 Madison av
§Libman Construction Co., 112 W 46th
Lippe Contracting Co., 52 Vanderbilt av
§List Alex. & Sons, Grand Central Term.
Logan Construction Co., 13 Park Row
§Longacre Constr. Co., 185 Madison av
§Lowry John Jr., 8 W 40th
§Lustbader Construction Co., 328 E 103d
§Lustig & Weil, 103 Park av
§Luyster Cornelius W, Jr., 35 Nassau
§Lynch Constr. Co., Inc., 52 Vanderbilt av
§Lynch V. & Co., 13 Park Row
§Lyons J. C. Sons Co., 30 E 42d
§McCallum John, 323 E 22nd
McCarthy Jas. F., 80 N Chambers
§McDermott & Hanigan, 120 W 165th
McDonald Chas. W. (Grading), 1910 Webster
McDonough John, 394 Bleecker
McEntee Geo. H., 1123 Broadway
McHarg-Barton Co., 171 Madison av
McKean's Wm. Sons (Masons), 200 E 37th
§McKeefrey John, 1416 Broadway
McKeown Thos. (Inc.), 103 Park av
McKune C. S. Co., 409 W 55th
McMillan Samuel, 250 W 106th
McMorrow Co., 271 W. 125th
McMullen Arthur Co. (Bridges, Caissons, Dams, Docks, Foundations, Piles, Railroads, Steam Shovel & Tunnels), 149 Broadway
McCullen-Snare & Triest (Inc.), Lexington av & 131st
McQuillan Bernard Co. (Public Works), 437 E 65th
McShane Jas. (Excavat'g), 251 E 62d
§McWalters Jas & Sons, 1493 B'way
MacArthur Bros. Co. (Inc.), Equitable bldg., 120 B'way
MacArthur Concrete Pile & Foundation Co. (Concrete Foundations), 120 B'way
MacArthur, Perks & Co., Ltd., 120 B'way
§Maher Frank W., 501 5th av
§Mahony Bros., 473 W 153d
§Mallett Contracting & Supply Co., Walker av & Kirk
§Marmac Const. Co., 316 W 30th
Marrin E. & J. Co., 520 E 18th
Mason Hilton & Co., 120 Liberty
§Mason & Hanger Co., 52 Vanderbilt av
Matthews Construction Co., 103 Park av
§Maxim Const. Co., 36 W 57th
Meads Chas. & Co., 38 Park Row
§Melillo Const. Co., 4215 3d av
Melrose Constr. Co., 103 E 125th
Meyer & Martin, 118 E 88th
Meyer Contracting Co., 1182 B'way
Miliance Dominic (Excavating), 213 E 183d
Millbrook Co., 481 Morris Park av
§Miller-Reed Co., 103 Park av
§Miller & Dyatt Co., 47 W 34th
§Minter E. W. & Co., 115 B'way
§Mitchell Jas. E., 332 W 24th
§Money Chas., 52 Vanderbilt av
Mongo Geo. & Son (Mason), 482 Jackson av
Monks John & Sons (Dock, Bridge & Harbor), 82 Beaver
Monks-Ripley Pile Co., 82 Beaver
§Moody Engng. Co., 90 West
§Monks Wm. C., 503 5th av
Mooney Jas. J., 333 E 24th
Moore's A. Sons, 423 W 50th
§Morison David, 119 W 33d
§Mueller John Co., 302 E 87th
Mufson M., 115 Norfolk
Mungo A., 391 E 149th
§Murdock Harvey, 10 Wall
Murphy Constr. Co., 10H Wall
§Nash S. H. & Sons, 364 E 142d
National Excavation & Foundation Co., 507 5th av
Naughton Const. Co., 76 William
New York Submarine Cont. Co., 15 Whitehall
Nicola Andrew & Co., 50 Church
§Niewenhous S. Inc., 412 8th av
Norcross Bros. Co. (Public Works), 103 Park av
North Eastern Construction Co., 101H Park av
O'Brien Bros. (Inc), Pier 11, E R
§O'Brien P. M., 114 Liberty
§O'Connor Francis X, 253 W 47th
§Oddie H. H. Inc., 251 4th av
§O'Keefe Jno. J., 1 Hague
O'Leary John, 991 E. 167
§Olsen O. Herman, 1558 Crotona pk E
*O'Rourke Engng. Const. Co. (Pneumatic & Other Foundation, Tunnels, etc), 17 Battery pl
§Oscawana Bldg Co., 101 Park av
§O'Shea W. L. & G. H., 29 B'way
P. & L. Contrg. Co., 299 B'way
Page Fred. Contracting Co. (Mason), 115 B'way
Paladino Contr. Co., 339 E 115th
Parker John H. Co., 315 4th av
§Parkinson Charles, Inc., 67 Greenwich
Pasquini Attilio, Madison av & 42nd
Paterno & Son Contg. Co., 383 Madison av
Patrizio & Hendrickson, 340 E 27th
§Paul Edw. E. Co., 101 Park av
§Peckworth C. H. & R. C., 529 Hudson
Pennington C. S., 438 W 45th
Pennington Prince A., 138 W 31st
Pettit S. P., 110 W 34th
Phillips & Worthington, 90 West (Water Works)
Phoenix Const. Co. (Foundations), 41 Park Row
§Pittsburgh Bldg Co., 787 5th av
Pisanelli Gennaro, 3553 Olinville av
§Polhemus P. B., 110 W 34th
§Pollock Robt. S. Co., 118 E 28th
Polzella Frank D., 512 Cortlandt av
Post & McCord (Inc.), 101 Park av
§Potterton Bros., 215 W 28th
Public Service Const. Co., 30 Broad
Purcell & Gilfeather, 513 W 40th
Qualey J. S., 25 Pine
Rae Thos. & Son, 253 W 27th
Rafferty Contracting Co., 624 W 52d
Rangely Constr. Co., 405 Lexington av
Rapid Transit Subway Const. Co., 1st av & 32d
Raymond Concrete Pile Co., 140 Cedar
§Reid M. & Co., 114 W 39th
Reid-Palmer Const. Co., 30 E 42nd
§Reinhardt Bros., 645 5th av
*Reynolds Clifford W., 50 Church
Reynolds T. H. Contracting Co., 13 Park Row
§Rheinstein & Haas, 21 E 40th
Rice Laurence J., 405 Lexington av
*Richards & Gaston, 143 Liberty
§Richmond & Daniels, Inc., 90 West (Cold Storage Plants)
§Riger Const. Co., 507 5th av
Robert & Co., 1874 Park av
§Roberts Jno. B. & Co., 3 W 29th
§Roberts P. & Co., 37 Sullivan
§Robinson Andrew J. Co., 123 E 23rd
Robinson Dwight P & Co., Inc., 125 E 46th
*Rodgers J. C. & Son, 271 W 125th
Rodgers & Hagerty, 103 E 125th
Rogers Geo. W. & Co. (Harbor & Dock), 29 B'way
Rollin Construction Corp., 90 West
Ross Donald, 459 7th av
§Rossell I. S., 1 Madison av
§Ruddell Geo. W. Co., 30 E 42nd
Rust Engineering Co., Havemeyer bldg
Ryan Peter J. Bldg. Co. (Large), 314 W. 44th
§Ryan Patrick Const. Corp., 27 Cortlandt
†Sanderson & Porter (Power & Lighting Equipment, etc.), 52 William
Savage W. E. & Co., 39 Liberty
Schaefer Construction Co., 5 W 31st
Schmidt Wm. (Excavating), 306 E 159th
Schuh Chas. P. (Mason), 8 Albany
§Schwarzler A. J., 369 E 167th
§Shapiro M. & Son, 299 B'way
Shoemaker Lewis F. & Co., 256 B'way
Silver Const. Co., 411 E 8th
Sinclair Rieger Co., 237 E 41st
§Sloane & Moller (Large), 316 E 65th
Smith Clarence L. Co. (Excavating, etc), 30th & 11th av
Smith & Leo, Inc., 101 Park av
Smith F. V., Inc., Lafayette av & Westchester Creek
§Smith, Hauser & MacIsaac, Inc., 18 E 141st (Excavating)
§Smith Robert W., Corp., 30 Church (Roads & Bridges)
Smyth Neptune B. (Inc), 417 E 34th
Snare & Triest Co., 8 W 40th (Steel & Masonry), 8 W 40th
Soraci Contr. Co., 170 B'way
Spearin George B (Dock, River & Piling), 90 West
Special Service Flooring Corp., 2009 Grand Central Terminal
§Spence James, 131 E 18th
Springsted & Adamson, 434 E 107th
Spuyten Duyvil Constr. Co., 271 W 125th
§Staker Chas. E., 667 E 219th
Standard Bitulithic Co., 50 Church (Wood Block Paving)
Standard Utility Co., 225 Lexington av
§Stanton Geo., 120 Worth
§Starret & Goss, 103 Park av
*Steers Henry (Harbor Work, Piers, Concrete Foundations, etc.), 17 Battery pl
§Stevenson & Cameron, 37 W 25th
Stewart Engineering Corp., 61 B'way
STEWART JAS. & CO. (Inc) (Harbor, Marine & Heavy Buildings), 30 Church
§Story & Flickinger, 5 Gt Jones
Surety Engineering Co., Inc. (Railroad), 30 Church
Sykes George Co., Inc., 70 E 45th
Talbot F. M. Co., 1 Madison av
§Taylor Wm. J. Co., 5 E 42d
Terry Constr. Co., 607 W 51st
Terry & Tench Co. (Inc.), 70 E. 45th
§Thompson-Starrett Co., 138 W 32d
Thornton Bros. Co. (Masons), 1320 Findlay av
Tide-Water Bldg. Co., 16 E 33rd
§Trapp Nicholas H. & Son, 17 Thames
Tredennick M. C., 331 Madison av
Tullis & Blanchard, 326 E 42d
§Tully John J., 305 E 166th
Tully & McInnis Co., Grand Central Terminal
§Turton J. K., 101 Park av
Turner Constr. Co., 244 Madison av
§Udall Jno. C., 29 W 34th
Underpinning & Foundation Co., 290 B'way
§United States Constr. Co., Inc., 1 Liberty (Installing Automatic Sprinkler Systems)
Urban Concrete Co., 30 E 42nd
§Van Aken Chas. H. Co., 148 W 4th
§Van Doorn Wallace & Son, 229 W 36th
§Van Houten Erskine (Mason), 201 E 68th
Van Wagoner-Linn Const. Co., 1133 Bway
Vassiloros Contr. Co., 154 Nassau
Vickers Construction Co., 280 W 113th
§Victoria Bldg. & Contr. Co., 35 W 39th
Volk Albert A. Co., 16 Beaver
§Vought H. H. & Co., Grand Central Terminal
Waite Guy B., 413 E 31st
Waitt Constr., 2 W 45th
§Walker Geo. L. Co., 140th & Convent av
Walton Const. Co., 147 E 125th
Waters Thos. J. Co., 271 W 125th
§Watson Contr. Co., H. R. & Fordham rd
Watson Const. Co., E Tremont av & Westchester Creek
§Watt & Sinclair, 348 W 27th
Weber Louis Bldg. Co., 147 E 125th
§Webster Louis C. & Son, 19 Liberty
§Weeks D. C. & Son, 1123 B'way
Wells Construction Co., 237 5th av
Wells & Newton Co. (Sanitary & Steam Engineering), Ave B & 17th
Wendland C. F. Engng. & Const. Co., 63 W'ster
§Wennemer Construction Co., 103 Park av
Westerberg & Williams, Woolworth bldg
†White J. G. Engineering Corp. (Inc.) Engineers & Contractors, Industrial Bldgs., Power Plants & Public Utilities), 43 Exchange pl
§Whitenack J. Odell, 231 W 18th
§Whitney Co. (Builders), 101 Park av
§Wills Chas. T. (Inc.), 286 5th av
§Wills George B & Co., 101 Park av
Winternitz Albert, 103 Park av
§Wirsing & Son, 2110 Mohegan av
§Wolins & Bull, 214 Fulton
Woods Lewis H. Constr. Co., Canal & B'way
Wright H. P. & Co., 30 E. 42nd
Wright Garret S. (Mason), 415 W 24th
§Yennie Wm. J. & Co., 45 E 42nd
§Yorkville Contr. Co., 430 E 32d
§Young Walter E., 414 W 41st
Zimmermann Jacob A. & Son (Inc.) (Large), 18 E 41st

Borough of Queens.

FLUSHING—§Cadoo John C. W.
§Haak Wm. A.
Mara P. J. (Docks, etc)
Peace Bros. (Grading, Excavating, etc), 20 Main
§Roberts, Nash & Co., Inc.
Tuohy T. F. & Co., 98 Main
JAMAICA—Bangert Valentine, 34 Orchard
Hoffman Chas.
LONG ISLAND CITY—§Bond Walter J. (Mason), 13 Hallett
§Butler Henry
§Clark & Tunison, 17 Queens
§Clifford Wm. Co. (General), 734 Vernon av
§Couch Wm., Main
§Geiser Jos. & Son, 835 11th av
Just Geo. A. Co., 239 Vernon av
Kelly & Kelly, Inc.
§Sternberg J. & Son
§Thurner Jos. J., 798 Crescent
Touroff & Karp (General), 83 Sunswick
Woodruff C. Curtis & Co., 211 10th
Woodruff John T. & Son, 1 Bridge Plaza
§Zvanovec Frank

NEW YORK—continued

Borough of Richmond.

MARINERS HARBOR—Bailey Wm. D. & Son
NEW BRIGHTON—§Babbitt B. B., 4 Hamilton Park
Cahalane Daniel J.
Hart Charles F.
McIntyre Archibald
§Ripley David (Mason)
§Russell W. H. C.
PORT RICHMOND—Conklin Bros. (Docks, etc), 2080 Richmond ter
Donovan John E., 2205 Richmond ter
Hagaman Andrew
Milnes Jno. Co., Richmond av
§Whitford E. K., 1457 Castleton
STAPLETON—§Fish James
McDermott Wm.
Spruck Henry & Son, 304 Broad
Wolff Philip & Son, 17 Wright
TOTTENVILLE—Brown A. C. & Sons
WEST NEW BRIGHTON—Archer Chris.
Carlin Thos. F.
Darcey D. J.
Donovan John F.
Johnson's Joseph Sons
§Hermandsen Hans
Lynch William H.
Vanderbilt Cornelius General Contrg. Co.

(End of New York City)

NIAGARA FALLS—Allen-Smith Co.
Braas Bros. Co.
Brown-Pollard Constr. Co.
Brown & Willie
Douglass A. C. (Shaft Sinking & Tunnel Work)
Finnell John H.
Kilberer F. & Son
Lennan John Son Co.
§Mitchell Wilson Co.
Moyer Chas. & Son
Pitman John
Read-Coddington Engng. Co. (Brick & Asphalt Paving, etc)
Snyder-Gillett Contr. Co.
§Steinbrenner-Fisher Co.
NORTHPORT—§Brush G. W.
NORTH TONAWANDA—King Const. Co.
OGDENSBURG—§Castle C. E. (Mason)
§Feely John (Mason)
Fitzgibbons Jas.
Pooler W. J.
Whalen & Burns
OLEAN—Corsett L. E.
Dean Danford W.
Dugan D. D. & Sons (Paving)
Olean Bridge & Supply Co.
Sheldon J. A.
Taylor B. U. Co.
§Troy Thos.
Wetherell Chester H.
ONEIDA—Avery Geo. F.
§Ballard Wm. M.
Marcellus Geo. A.
OSSINING—§Carpenter Daniel
§Cuatt Wm.
§Emmitt Albert
§Valentine Eli
OSWEGO—§Henrick John
Paine A. & Son (Carpenters)
Raby Peter Contr. Co.
PLATTSBURG—Cook Geo.
Fitzpatrick J. J. & Sons
La Marche & Brault
§Pennington Alfred
PORT CHESTER—Daly & Merritt
Kennedy L. J & Sons
Mertz F. C
Mertz's Geo. Sons
Murry Frank E
PORT JERVIS—§Goble Floyd S.
Post G. A.
Raymond F. B
PORT RICHMOND—(See New York City, Borough of Richmond)
PORT WASHINGTON—Allen Norman O.
§Henderson Edwin
Mitchell John W
POUGHKEEPSIE—§Carter Fred N.
§Davis Lewis T.
Falkhill Constr. Co., Inc.
Irving & Ackert
§Keating John S.
Kingston & Campbell
§Madsen & Wistoft Construction Co.
§Monfort W J
Rouse Const. Co.
§Shover Eugene F.
Slater Jas. H. & Son
§Smith S. R. (Mason)
Van Aken Geo. J.
RIPLEY—§Bryant J. E.
ROCHESTER—Alexander Shumway & Utz Co., 16 State (Building)
Barnard Houston
Brotsch F V Co. (Street & Sewer)
*Chambers Geo. (Sewer, Paving, Masonry, Water Works, Roads), Powers bldg
Chambers & Barnes
Curran-Swartout Co., Inc., Granite bldg (Building)
§Enders P. & Son
Foery & Kastner (Street)
Friederich A & Sons
Fuller Wm. (Sewer & Street), 83 Adams
Garrison G. B. (Mason)
Gleason Frederick
§Gorsline & Swan Const. Co.
Greece Construction Co.
Hagaman F. L. Co.
Hoffman C. J. & Sons
Holahan Thos. (Street), 164 Lewis
§Hopeman A. W. & Sons Co.
Knapp Homer (Building, etc)
Link Anthony Sons, 654 South av
Ludington Ira M. Sons, Powers bldg
Luther Jno. & Sons, 176 North
§Pike John B.
Rapp F. H.
Ripton M. H. (Street, Sewer, etc.)
§Salter Thos., 118 Front av
§Sauer F. J.
§Sauer Henry G.
§Sickels H. P. Co.
§Stewart J. L.
Strauchen Ed. (Mason)
Voshall-Percy Constr. Co., C. of C bldg
Whitmore, Rauber & Vicinus (Sewer, Street, Roads, etc)
ROME—§Cary Lawrence
§Perry & Jones
Smith, Grant & Co. & Locher
Zingerline Bros.
SARATOGA SPRINGS—§Case W. J. & Son
§Crocker Harry
Dunn Thos.
§Fitzgerald J. P.
Gaffney B. & Sons (Masonry)
§Ledlie David B. & Son
Parmenter C. R.
§Robertson Wm. S.
SAYVILLE—§Bason Wm. & Son
Strong Nelson
SCHENECTADY—Beckwith Bros.
§Bennett D. & Son (Masons)
Brown & Lowe Co.
Connors J. C. Co. (Paving)
Cook & Ripley
Guthrie Keith O.
§Hanrahan Thomas M. & Co.
Jeffers J. Allen
Jeffers Lewis
Kellam & Shaffer Co.
§Kinum Henry
La Grange A.
Lewis & Burroughs Co.
McDermott Jno. Co. (Building & Public)
Molony's James Sons, Inc.
Schenectady Contr. Co.
Taylor F. K.
Wellman Walter
Winstone Geo. C. & Son
SILVER CREEK—Kofoed Aug.
Messina D. A.
STAPLETON—(See New York City, Borough of Richmond)
SYRACUSE—†Archbold-Brady Co. (Power & Lighting Equipment, Bridge, etc.)
Barlow Bros., 614 Fellows av
Bonn Sam (Sewers, etc)
§Brown Chas. R.
Burns W. J. Co.
Caswell Constr. Co., Inc., 428 S Salina
Central City Paving Co., Union bldg (Pavers)
§Dawson Bros.
§Delmonico Bros. Co.
*Dickison Guy B. (R. R., etc), Union bldg
Dollard Const. Co.
Dwyer Wm. J., City Bank bldg
Eagle Paving Co. (Cement), Rosenbloom bldg
Elliott T. Albert, 625 Onondaga av
§Fenno Ed. K., Esnblm bldg
Funda Henry, 201 Edison
§Gee John W. & Son
§Hemmer Michael, 215 Sunset av
Hendrickson-McCabe Constr. Co., O. C. S. Bank bldg
Hookway C. T. Constr. Co., The, Bastable
Hueber Bros.
Kelley John (Grading), S Sal. & Brighton av
Kimmey Frank M., 1007 W Onondaga
Lewis Geo. A., 1115 Midland av
Lowery Bros., 1631 S. Salina
McHale T. H. & Son
McLaughlin & Burchill, Bastable blk
Marnell Nicholas
Mondo Constr. Co., Inc., City Bank bldg
§Murphy David
O'Brien Const. Co.
§O'Connor Bros.
§Sherlock John J., 206 Canal
§Sherlock Wm. Mfg. & Bldg. Co., 411 Canal
Spicer James S., 246 W Brighton av
Steele Wm. M., 248 Gertrude (Mason)
Sullivan C. J. (Sewer, etc.), 252 N Salina
Swift James (Sewer), 522 S Hudson
Taylor J. D. Constr. Corp., 115 S Salina
*Weidman John H., Union bldg
Young John (Excavating), Bastable blk
TARRYTOWN—Blouin Alfred
TROY—Bergman Andrew
Boland C. P. & Co., 30 4th
Brady & Fitzpatrick
§Campbell Wm.
Campbell & Wall
§Collins Chas. & Sons
§Crowley Chas. Co. (Not Inc)
Di Novo Frank
Dollard James Co.
§Ellis Jno. E.
Hammill Wm. S. Co.
Jackson M. J. & Son Co.
Karr Thos. H. (Roads, etc)
§Martin Wm. E. Co.
Murray Martin & Co. (Roads, etc)
Nial Bros. Const. Co.
Soutar & Ritchie
Spence George Jr.
Stone Bros.
UTICA—Beebe H. R.
§Byrnes Thos. F. (Mason)
Eastover Constr. Co., 122 N. Genesee
§Gassner A. & Son
Griffiths & Pierce
Hughes John F. Constr. Co., 211 Post (Masons)
§Kassing Henry (Mason)
Kerner P. & Sons
§Lancaster Harry (Mason)
§Lloyd Richard G. Co.
Peters Nicholas D. & Co. (Paving, etc), 301 Kossuth av
Richards R. & Son Co., 246 Elizabeth
Roberts H. W. & Co.
Shippey Geo. W. (Mason)
Thomas & Hughes
Troy Public Works Co. (Public Work), Utica City Nat Bk bldg
Warren Bros. Co., Mayro bldg. (Paving)
WATERTOWN—Burns Bros. & Haley
Charlebois Bros.
Hayes Norman B.
Hydraulic Constructing
O'Brien Thos.
Richards, Stockwell & Richards
Semper W. J.
WATERVLIET—Irving Newell Const. Co.
Lavallee Theophile
Lennon Adelbert J.
Young James T.
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITE PLAINS—Briante Constr. Co., Inc.
Englis Geo. H.
McCabe W. F. Contr. Co. (Roads, etc)
O'Rourke John
Smith's S. W. Son
Thompson & Alexander
YONKERS—Austin Frank W.
§Bruce Alex. (Mason)
Dawson Alex. A.
Flannery P. J. & Son
Garnjost Const. Co.
Garnjost F. A.
§Gower Fielding
Grady T.
Gross Fred E. & Son, Inc.
Hart James J. Constr. Co.
§Hoyt & Miles
§Jamieson Ninian, Inc.
§Johnson Louis Building Co.
Kelly Geo. T. (Mason)
§Kingsley & Maxwell
Lynch & Larkin
§Mackay Keneth & Co.
Mangini Nicholas
Mee F. B.
Pyne Thos.
§Quick S. F. & Son
Rundle Geo.
Scott Oliver (Mason)
§Sherwood J. F.
§Soetemon Bros.
§Voss John M.
§Wales Charles A. (Corp.)
Yonkers Builders' Supply Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Const. Co.
Asheville Dray, Fuel & Const. Co.
CHARLOTTE—Blythe & Isenhour
Charlotte Consolidated Const. Co.
Charlotte Paving Co. (Paving)
Jones J. A.
Porter & Boyd
Simmons' Constr. Corp., Dept. H
Thompson T. C. & Bros.
Tucker & Laxton
DURHAM—Christan Const. Co.
Christian T. S.
Lawrence I. G.
Salmon J. T.
Stanley J. B.
Underwood N.
GREENSBORO—Brooks & Hunt
Crouse J. L.
Hunt J. T. & Co.
LEXINGTON—Cecil D. K.
Harbin Construction Co.
§Ward E. M.
RALEIGH—Barrow W. B.
Moser M. A.
York C. V.
WILMINGTON—Brady R. H.
WINSTON SALEM—Fogle Bros. Co.

NORTH DAKOTA.

FARGO—Aiken Constr. Co.
Bowers Bros.
Johnson Constr. Co.
Kennedy James (Sewer, etc)
Porritt Chas. H. (Sewer & Public)
Powers Thos. F. & Co.
Wilson Stewart
GRAND FORKS—Buckingham, Geo. W.
Dakota Constr. Co.
Dinnie J. A. Co.
§Elkhoff John
§Hunter K. C.
Northern Const. Co
JAMESTOWN—§Schmitt W. M.
NEW ROCKFORD—§Culp Chas. F. (Cottages)

OHIO.

ADA—Tressel Jas. G.
ADENA—Stringer A. E.
AKRON—§Carmichael Const. Co.
Crisp John & Sons Co.
§Davidson J. M.
Franklin Bros. (Excavating, etc)
Harbaugh Constr. Co.
McShaffrey E. & Son
§Patterson Building Co.
Watters Chas. H. (Sewerage)

ALLIANCE—§Boone Robert M.
Devine J. C. Co. (Paving & Railroads)
Miller John W. & Son
Scranton C. O. Co.
Wilson John
ARCANUM—§Bowers Chas.
BARBERTON—*Paul & Henry Const. Co. (Steam Shovel & Municipal Work, etc)
BARNESVILLE—Wilson C. E. & Son
BELLAIRE—§Jones John W.
§McGraw John H. & Sons
§Rosser Chas.
§Rosser & Maloney
BELLEFONTAINE—Filson A. R. & Son
Shawver John L.
BOLIVAR—Daley Bros. Cons. Co. (Concrete Works)
BRADFORD—Houdeshell & Stover (Concrete)
BRYAN—Kelly Cons. Co.
CAMBRIDGE—Duffy Bros. Contr. Co.
Gibson Porter E.
Hanna F. C.
CANTON—§Berdel J. G.
§Bowen C. E.
Burd Constr. Co.
§De Vault James
Downs Frank A. Construction Co. (Paving, etc)
Dunbar John D. (Mason)
§Goodman W. W.
§Huff K. E.
Kelly W. D. Co.
Kilgore L. W.
Kumpf C. R.
Landor Edward J.
Melbourne Bros. Co.
Shoof Austin H. (Mason)
§Van Kirk J. L. & Son
§Walter John W.
§Whike George H. & Sons
§Zettler Building Co.
CHEVIOT—Bentel & Hyland
CHICAGO JUNCTION—Andrews S. P.
Williams W. A.
CINCINNATI—§Acomb-Keller Bldg. Co., Merc. Lib. bldg.
Amer. Bridge Co. (Bridges), Union Tr bldg
§Barr W. B. Co., 805 Broadway
Beese Chas. & Son (Mason), Queen City av, W of Boudinot
§Bell A. W., 1670 Bruce av
§Biecker Jos. H., First Nat. Bk. bldg
Botwin & Tunick, 1252 Lick Run
Brackett Const. Co., 1st Nat. Bk. bldg
§Bueche Frank & Co., 13 Lippincott
§Cash R. E., Lincoln Inn Court
Consolidated Engng. & Constr. Co., 622 E McMillan W. H.
§Cordes F. H. Bldg. Co., Union Trust
Cotteral Bldg. Co., Blymer bldg.
Cranford Const. Co. (Concrete), Gerke bldg
Crumley, Jones & Crumley Co., 536 Findlay
§De Lacroix Louis, 2826 Vine
Denholm & Co. (Concrete), 622 E McMillan
§Diehl F. F., 3539 Shaw av
Dugan M. Concrete Co., Builders & Traders Exc.
Eid L. Concrete Steel Co., 1206 Liberty
Evans Evan (Sewer, etc), 1226 Ida
Equity Equipment Co., Linwood rd & Penn R R
Ferro Concrete Construction Co., Dept. H, 3rd & Elm
Fisher De Vore Const. Co. (Concrete Construction), 35-36 Blymer bldg
Folz Frank W. & Co. (Paving, Sewer & Public), Dayton & Freeman av
§Francisco Geo. M., 3639 Stettinius av
Fuerst Robt. (Brick), 2704 Vine
*Gest G. M. (General), Union Trust bldg
Gier F. B. & Co. (Cement & Paving), 517 Riddle rd
Glandorf C. H. (Pile Driver & Public), 8th & Plum
Goodman John, 2133 Florence av
§Griffith Jas. & Sons Co., Reading rd & E 12th
Gubser Bros. (Cement), 2nd & Saratoga
Hallerman G., Schneller av, Price Hill
Harig Henry & Co., 31 E 4th
Hazen H. C. Contr. Co., 2070 Reading rd
Henkel & Sullivan, Mercantile Library bldg
§Hirschfields Theo. Sons Co., 1036 Straight
Huber Jacob & Co. (Cement), 4332 Tower av
Hummel David Bldg. Co. (Masonry, etc), 2629 Spring Grove av
Irving E. A. (Cement), 3821 Spring Grove av
Kirchner Const. Co. (General), 221 W 9th
Leibold Gott Bldg. Co., The, 134 E 4th
§Leimann Wm. & Bro., 2303 Clifton
Leonard B. A. (Cement), 4170 Mad Anthony
McCabe Constr. Co. (Brick), 1758 Central av
McCarthy Michael J., 2910 Woodburn av
§McCaul Chas. Co., Court & Main
McJoynt James (Concrete), 4140 Floral av
McLennan Bros., Pickering bldg
McMiller & Taft, Hulbert blk
Marcus M. Bldg. Co., 2023 Reading rd
§Meinken Detrich, 2126 Western av
Murdock Geo., 2531 Melrose av
Ohio Bldg & Const. Co., Burnett & McMullen
§Owens M. R., 308 Longworth
Pachoud Bros., 1034 Kenner
Payne Bldg. Co., 8th & Plum
Peters G. A., Realty Co., The, Union Trust bldg.
Plump G. H. & Sons, 1415 Mansfield
Porter John S. & Co. (Cement & Concrete), 3711 Coleraine av
Quill M. F., Provident Bank bldg
Robinson O. E. & Son (Genl.), 4647 Hamilton av
Roche M. J. Const. Co., Johnston bldg
Roos Bros., 2824 Stanton av, W. H.
Rosenstiel Chas. & Son, 606 Reading rd
Ruebel Jno. Const. Co. (Street), 1876 Hanfield, N S
§Schmitt J. B., 610 Sycamore
Seyfried E. A., 3702 Cass av & Cum.
Snyder J., 4436 Forest av
§Stevens J. R. Co., Odd Fellows Temple
Strack T. P. (Street & Sewer), Goodall bldg
Sullivan M. & Sons Constr. Co., 2330 Beresford av
CLEVELAND—Alexander Bros., E 22nd & Prospect av
Allen Jas. T. Contr. Co., 8106 Quincy av
American Concrete Filler Co., Hippodrome Annex
*American Const. Co. (Heavy Masonry), Marion bldg
American Paving & Constr. Co., The, Marshall bldg (Cement & Concrete)
Anders Const. Co., Rockefeller bldg
Andrews Bros., B. of L. E. bldg
§Austin Co. (Factory Building), 16112 Euclid av
Baker-Dunbar-Allen Co., Citizens bldg
Baldwin Bros. (Paving, Sewer, Water Works, etc), Rose bldg
Berry Bros., Garfield bldg.
Boldt-Low Const. Co., Swetland bldg
Bolton-Pratt Co., Columbia bldg
Brown P. J. Const. Co. (Masons), Rockefeller bldg
Builders Lumber & Supply Co., The, W 73d & Denison (Carp)
Burnett Rollin P. (Paving & Sewer), Society for Savings bldg
Carey J. D. Co., Citizens bldg
Carson C. A. Co., 7016H Euclid av
Cavanaugh-Linn Co. (Paving), Citizens bldg
Central Dredging Co., Swetland bldg
Christian J. E. & Co., 1307 St. Clair
Citizens Home Bldg. Co., Citizens bldg
City Paving & Const. Co., 2064 W 13th pl
*†Cleveland Construction Co., Citizens bldg
Cleveland Engng. Constr. Co. (Cement & Concrete), The Arcade
Cleveland Trinidad Paving Co., 3409 Trumbull
Connelly J. Constr. Co. (Reinforced Concrete, Masonry, etc), Leader-News bldg
Crowell & Little Construction Co., 1951H E 57th
*Culbertson H. E. Co., Citizens bldg
Curry-Wagner Const. Co., 1900 Euclid av
Dall Wm., 1276 W 3rd N W
Dautel L. & Son Co. (General), 5710 Hough av, N E
Davis J. C., Garfield bldg
de Hammel Const. Co., Swetland bldg
§Dolinsky Bros.
Drummond-Miller Co., 4500 Euclid av
Duff James Const. Co., Marshall bldg
Dunbar Wm. Co., Fairfax rd & Lamberton dr
Egan Thos. P. (Sewer), Coxtan bldg
§Elworthy-Helwick Co., Wimson bldg
Emerson Sam'l W. Co. (Concrete), ft. of Addison rd
Enterprise Paving & Const. Co., 8444 Bway S E
Fath Construction Co. (Tunnels, Masonry), 5103 Euclid av
Feaga Gaylord W., Citizens bldg
§Ferguson-Flanigan Co., Vickers bldg
§Ferguson H. K. Co. (Factory Buildings, etc.), 6525 Euclid av
Fuller Geo. A. Co., Swetland bldg
*Galvin A. J., Lennox bldg
§Gill Jno. & Sons Co., Citizens' bldg
Gloyd James R. Co., Hipp-Annex bldg
Grant Jno. & Son, 4500 Euclid av
Graves E. M. (Public Works), Swetland bldg
Great Lakes Dredge & Dock Co. (River & Harbor, Bridges, Foundations, etc), Williamson bldg
Griffin C. N. Co., 3111 Carnegie av, S E
Harris Herman A., 5001 Lexington av N. E. (Carp)
Hayman & Stegkamper, 3250 Euclid av
Hunkin-Conkey Const. Co. (Breakwaters, Piers, Buildings, etc), Cuyahoga bldg
Hyde W. F. Co., 1008 Scoville av
Lanese Co., Guardian bldg
Libby J. H. Co. (Concrete), 4500 Euclid av
§McAllister W. B. Co., 2165 E 31st
McMillan Co., 1794 E 55th
Manson Co. (Sewer), The Arcade
§Mark F. W. Constr. Co., Leader News bldg
Masters & Mullen Const. Co. (Concrete Fireproofing, Bridges, etc), Electric bldg
§Minnick-Gibbons Co., 5309 Prospect av
Moore Wm. Co., 1278 W 4th N W
National Concrete Fireproofing Co., Citizens bldg
National Foundation & Engng. Co., Citizens bldg
Pace Bros. (Paving), Engineers bldg
Paul Bros. Co., Citizens' bldg.
Raymond Concrete Pile Co., (Cement & Concrete), 1836 Euclid av
Reaugh Const. Co. (Reinforced Concrete, Masonry, Foundations, etc), 2835 E 51st
Rieley Bros. (Paving), 348 Arcade
Robinson Contracting Co., Wade bldg
§Rutherford Geo. A. Co., 2160 E 18th
§Skeel Bros. Co., 8311 Euclid av
Slatmyer Henry G. & Son Constr. Co., 203 Lakeside av, N W
Smith J. Wentworth (Mason), 10585 Quincy av
Spence Bros. (Masons), 12960 Euclid av
*Strong C. H. & Son (Steam Shovel, Bridge Masonry, Docks, etc), Swetland bldg
§Stuart James L., Illinois bldg
Tausch Wm. F. (General), Williamson bldg
Thompson Walter I. & Son Co., 6110 Euclid av
Thompson-Starrett Co., Perry Payne bldg
Uhl-Jaster Co., 1900 Euclid av
Vanderwerf Co., 1738 E 23d
Ward Bros. (Grading), 9338 Hough Ct
Watterson Henry, 4500 Euclid av
Watterson H. A. & Son, Citizens bldg
§Webber Co., 1609 W 25th
Wells James H., East Clark School, E 146th
Williams & Little Co., 2046 E 88th
Younger & Farmer Co., 1670 Crawford rd
COLLEGE CORNER—§Stephens & Stewart
COLUMBUS—*Adams J. T., Columbus Saving & Trust bldg
Burns A. W. & Co., 55 E State
†Capitol Const. Co. (Concrete Const.), Ruggery bldg
Columbus Macadam Co., 319 Dublin av
Cullen & Vaughn Co., 8 E Broad
Elford Edw., 103 N 3rd
Evans R. H. & Co., Columbus Savings & Trust bldg
§Ewers Bros., 189 W Broad
Federal Constr. Co., Hartman bldg
Fenimore Edw. C., 8 E Broad
Fitzpatrick & Hoepfner, 63 Gay
Fritz-Rumer-Cooke-Grant Co., Interurban Sta.
Herschler L. C., Schultz bldg
§Jamieson W. L., 42 W Town
Latham Edgar H., Columbus Savings & Trust Co.
McGrath Daniel W. (Sewer & Masonry), New First Nat. Bk. bldg
Middle States Const. Co., 524 Hudson
Ohio Realty & Constr. Co., 8 E Broad
State Constr. Co., 131 E State
*Sturm L. E., New 1st National Bank bldg
Sullivan D E & Son, Interurban Terminal bldg
CONNEAUT—Horton Fred L.
COSHOCTON—Henderson Bros.
Richardson H.
Shaw John L.
Tish W. S.
DAYTON—Blanchard Building Co., 601 Reibold bldg
Boren John W. & Sons Co., Louie & Columbia
Boyd & Cook, Reibold bldg
Davis-Hunt Constr. c. o. Schwind bldg
Dayton Steel Constr. Co., Howell & Wilbur
§Engle & Gohn, 50 Callahan Bk. bldg
Finke Engng. Co., 1533 Germantown
Geiger J. I.
Hodgson G. C. & Co., Reibold bldg
Hosket Chas. F. (Brick), 662 E Richard
Kempert A. F. (Brick), 245 S Morton av
Kernan W. J. & Co. (Paving), 425 S Cincinnati
McReynolds Robert, 254 4th St. Arcade
Ritchie-Wertz Co., Wistaria av
§Rouzer John Co., 71 Wyandot
§Shartzer G. H. Co., 1832 S Ludlow
§Structural Concrete Co.
Swank Engng. Co., Conover bldg
Talbot H. E. Co. (Heavy Masonry, Concrete Work, etc), City Nat'l Bk. bldg
Wehner Jos., 119 Zeigler
Wroe John, Riebold bldg
Yount & Jackson Co., 325 N Summit
DELAWARE—Dent J. H.
Lambert Bros. & Wirt (Paving)
McDonald Jas.
EAST LIVERPOOL—Chester General Contracting Co.
Gamble & Bryan (Brick)
§Nease C Lumber Co.
Rinehart Bros.
ELYRIA—§Beck Henry
Elyria Constr. Co.
Halpin John B. Co.
§Hewett Jas. A.
Kaiser John & Bros. Co.
FINDLAY—Folk Bros.
Hall Harry J. & Son (Paving)
Horn Geo. J.
FOREST—Forest Construction Co. (Road)
FREMONT—§Wolfe C. M.

OHIO—continued
GERMANTOWN—Gunckel Frank
HAMILTON—Andrews Asphalt Paving Co. (Paving, etc.)
Cullen & Vaughn Co., 450 Dayton
Hamilton Constr. Co.
HAZLEWOOD—Jones Bros.
IRONTON—Scherer & Mountain
Wileman & Helbling
LANCASTER—Van Gundy J. D.
LEBANON—Monroe & Johnson
LIMA—Heil Valentine
Lathrop C. S.
Smith & Sherrick
Summers & Harden
LISBON—McLane & Hepburn
LONDON—Carter & Foster (General)
§Illiff Bros.
§Neville Jerry
LORAIN—Burgett L. A. & Co.
Glick & Weitzel
Jackson M. L.
Kipp John
§Kratt & Agnew
Leighton A. J.
Ohio Engng. Co.
Pierce F. W.
Stauder N. B.
LOWELL—Lowell Building & Supply Co.
LYKENS—Harer G. V.
MANSFIELD—Berry Chas. V.
Cotter Transfer & Storage Co. (Excavating, etc)
Gettings Bros.
Herring G. B. & Son (Paving)
Hursh Jos.
§Kallmerten & Baer
Small Simson & Sons Co.
Wildeson L. & Son
MARIETTA—Cisler & Moose
Cowell Levi
Dickinson & Hockenberry
Foreman & Putnam
MARION—Baldauf John
Blockson Bros. Constr. Co.
Brady A. J. (Paving, etc.)
Drake P. & Sons (Road)
Hofstetter & Dawson (Paving, etc.)
Kohberger & Hoyles (Sewer)
Leffler & Bland
MARTINS FERRY—Clifford Geo. B.
Dixon & Dixon
MASSILLON—Converse Emil P.
Dieffenbacher P & Sons
Knobloch & Kapper (Excavating)
Meinhart John & Son (Street & Public)
Stoner F. L.
Swanson Bros. (Large)
Vogt W. & Sons (Street & Public)
Wendling A. F. Co.
MIDDLETOWN—Arpp, Simpson Co. (Sewer)
Caldwell & Iseminger Co.
Dome Geo.
MINERVA—Bowden Geo. M.
Cox E. D.
Hart S. W. & Son
NEWARK—Wagenheim J. M. & Son
Wilson Contracting Co.
NEW COMERSTOWN—Brode W. M. Co.
NEW PHILADELPHIA—Gatchett A. & Son
Hensel Samuel
New Philadelphia Constr. Co.
Slasor & Gintz
Springer & Rogers
NORWALK—Kinney A. C.
Parker John
Parker Wm.
Scott G E
OXFORD—Cramer & Johnson
Lloyd T. C.
PIQUA—Anderson J. H. & C. P.
§Fry A. M.
§Speelman Edward
PORTSMOUTH—Bradley & Co.
Cullum W. J. Co.
Donaldson W. W.
Kaps Bros. (Heavy Masonry, etc.)
Kelly Bros. (Paving, etc)
Monroe Sam'l & Son Co.
Portsmouth Constr. Co.
SANDUSKY—Doerzbach G. W. & Bros.
Feick Geo. & Sons
Feick John A.
Peterson & Hiss Co.
Reinke Gust.
Walsh Bros. & Schurr
Ziemke Bros. (Mason)
SIDNEY—Ruese E. F.
SPRINGFIELD—§Bush W. R.
Caffrey Patrick
Concrete Steel Constr. Co.
Crawford J. L.
McHugh Bros.
§Poole Wm.
§Poss J. A.
Russell M. C. (Cement)
Ryan Edw. (Paving & Public), 101 Clifton
Wren Thos. E. & Co. (Cement)
STEUBENVILLE—Floto Bros. Const. Co.
McDonald Andrew W.
McFeely Bros.
Martin E. E.
TIFFIN—Baumgardner Concrete Products Co.
TOLEDO—§Bentley A. & Sons, 201-241H Belmont av
Bick Jacob N.
Bodette Edw. (Dredging ,etc.), 704 Boalt
Breyman G. H. & Bros. (Sewer, Dredging, etc.), Marine bldg
•Carland J. C. & Co. (& Public Works) Spitzen bldg
Chambers B. W., 737 S St. Clair
De Vore-McGormley Co. (Engr. & Cont.)
Doan A. M., 318 Huron
Gettins-Kopitke Co., Mashy bldg
Gilmore Bros. (Harbor)
Hales James, 1431 Milburn
Hattersley Const. Co., Spitzer bldg
§Herman F. J.
Hummell Wm. W.
Hummel & Hillebrand (Cement Work)
Jacobs Jacob J.
Knopp Bros. Co.
Mehring & Kline Co., Spitzer bldg
O'Sullivan M. F. (Paving), 145 Oak
§Pfaender Bros.
Ploch John Co., 333 Erie
Power Equipment Co. (Power Plants)
Prentice Wm. H., 360 W Central av
Rabbitt Michael & Sons Co., 115 Nasby
Ramseyer M. S. Co., Spitzer bldg
Russell & Jennison Co., 2463 B'way
Schillinger Bros Co. (Asphalt & Concrete Pavements & Constr.), 215 City Park av
Sheehan Henry & Son (Sewer), 1208 Collingswood
Spear, Moylan & Lasley
Spieker Henry J. Co., Elm & Utica
Streicher H. P. Co., Terminal bldg
Thacher A. Q. Contr. Co. (Dredging, Submarine Work of All Kinds, Heavy Masonry, etc), 6 Jefferson av
§Voss E. H., 339 Huron
Wynkoop-McGormley Co. (Bridge), Ohio bldg
TORONTO—Candoo & Grizzelli
Cooper W. S. & Co.
Johnston Guy Contr. Co.
Redhead F. A.
TROY—Hennessey J. M. & Bro. (Sewer, Excavating Roads, etc)
Smith M. Z.
VAN WERT—Ireland C. L.
WELLSVILLE—Forbes & Smith
Patterson Geo. B. (Paving)
XENIA—Wilson Engng. & Contr. Co.
YOUNGSTOWN—Adovasio Louis & Co.
Atlas Construction Co. (Cement)
Bates Chas. W.
Black W. H. & Son (Paving)
Bode Geo. (Paving)
Campbell Bros. Co.
Chambers J. B. (Concrete)
Clark M. F. (Paving)
Clemons L. J.
Connelly M. P. & Son (Paving)
Constable Robt. S.
De Jute James (Paving)
Ellenberger Henry C
Fiehler Aug. D.
Grein George
Grube E. A. (Cement)
Harris C. F.
§Hawk Otis E. & Co.
Heller Bros. Co.
Hess Geo. F. & Son
Hohlock J. F.
Home Building & Financing Co.
Hopkins Bros.
Hunter Const. Co.
Jones Virgie E.
Kane Ed. J.
Kennedy Bros.
King Robert
Logan A. F. & Co.
Lynn Elliott C.
McCaslin James R.
Mariner Frank W.
Mattison A. S.
Miller Brothers
Miller Theo. F.
Niedermeier Henry
Palmer W. H. Co.
Parish Bros. (Brick & Concrete)
Pierce C. Berlin
Quigley & Meeker, 19 Yo & Sharon
Ramm Wm. J. (Cement)
Schmidt Phillip
Security Construction Co.
Seitz L. T.
Serafino Andrew (Paving)
Siefert J. A.
Skoog Gus
Stonerook Howard D.
Turner Contracting Co. (Paving)
Wiles H. A.
Youngstown Const. Co.
ZANESVILLE—Adams Bros. Contr. Co.
Adams Bros. Contr. Co.
Clifton Bros.
Davis Millberry
Denny Bros.
Dunzeiler Constr. Co.
•Gregg & Pletcher (R R & Road)
Hanshy Wm. C. & Son
Henke D. E. & Co.
Lewis & Dick
McMaster L. W.
Mast Emanuel
•Muskingum Contr. Co.
Swingle J. A. Contr. Co.
Taylor & Linn
Townsend F. M. (Railroad & Masonry)

OKLAHOMA.

ELRENO—Ellsworth J. E.
Ellsworth J. E.
McALESTER—Deibler George H.
MUSKOGEE—Manhattan Construction Co.
OKLAHOMA—Campbell & Price
•Maney Bros. (R R, etc)
Reinhart & Donovan
Western Paving Co.
SHAWNEE—§Carr G. P.
TULSA—Tulsa Rust Engineering Co.

OREGON.

ALBANY—Snell R. D.
ASTORIA—Houston C. L.
Lebeck Leander
Palmberg & Matson Co.
EUGENE—Heckart W. O.
PENDLETON—Gibson & Cole
PORTLAND—Berry A. C. W., Selling bldg
§Carlson Victor J., 445 Vancouver
Clyde Equipment Co., 18th & Upshur
Coast Bridge Co., Ft. of E Main
Cochran, T. H. & Son, 415 S. Hays
§Columbia Contract Co., E Water & Main
Columbia Digger Co. (Excavating), 180 Burnside
Cook C. J. Co., 124 N 12th
•Copenhagen Bros.
Cowlitz Bridge Co., 50 1st
Dennis V. R. Constr. Co., Lewis bldg
§Dinwiddie Construction Co., Yeon bldg
Dougan J. M. Co., Ry. Exch. bldg
Elliott Contracting Co. (Sewer), McKay bldg
•Fortin-Chambers Co., Ry Exchange bldg
Giebisch & Joplin (Grading, etc.), Rothchild bldg
Gordon G. M., 166 11th
§Guthrie A. & Co., Pittock blk
§Horn A. W.
Horn L. D.
§Hurley-Mason Co. (Building, etc), Worcester bldg
•Interstate Contract Co., 180 Burnside
Jacobsen Construction Co. (Piling & Bridge), McKay bldg
Jacobsen-Jenson Co.
Joplin & Meeks (Grading), 33d & Halsey
Killigreen Bldg. & Investment Co., Lewis bldg
§Kratz C. F.
Leonard F. J., Lewis bldg
Litherland & Abrey Co., Beck bldg
Meyer A. C.
Montague O'Reilly Co., Blake-McFall bldg
Muir Thos., North Coast Contract Co.
Pacific Bridge Co., ft. of E Salamon
Parker & Banfield, Columbia bldg
§Peters I. A., N. W. Bank bldg
•Porter Bros., Ry. Exchange bldg
§Portland Bridge & Bldg. Co.
Portland Bridge Co., Yeon bldg
Rasmussen-Grace Co., Bates Dock bldg
Ryan Contracting Co.
Seed J. S. Builders Exchange, Worcester bldg
St. Helens Quarry Co., McFall bldg
Smith & Dodge
§Stebinger Bros., 626 B'way
§Stokes, Zeller Co.
Sweeney J. W. Construction Co.
§Taylor Jas. P., Macleay bldg
•Twohy Bros. Co., 219 E 60th
United Contracting Co., North Western Bk. bldg
§Walker W. D., Abington bldg
Warren Construction Co., Journal bldg
Winters J. S., Couch bldg
SALEM—Erixson Fred A.
Salem Const. Co.
Siewert & Engstrom
§Snook & Traver
Van Patten C.

PENNSYLVANIA.

AKRON—Miller L. Z.
ALLEGHENY—(See Pittsburg)
ALLENTOWN—Albright A. A. & Son
Allentown Constr. Co.
Butterweck H. A.
Butz & Clader
Daubenspeck Chas. B.
§Gangewere Wm. H. & Co. (General)
Gery & Peters
§Hardner Geo. H. (Sewer, etc.)
Hoch Oscar S. (Masonry, Excavating, etc)
Moyer Tilghman H.
Nagle Jacob A.
§Ochs Const. Co. (General)
Tilghman Moyer Co., 824 Hamilton
Weaver Contr. Co. (Concrete, etc.)
Wieder L. A. & Sons
ALTOONA—Altoona Brick Co. (Brick)
Altoona Concrete Cons. & Supply Co.
Altoona Construction Co.
Fickes H. & Son
Finn P. W. & Son
Fluke J. B. & Son
Hersh A. J.
Hinkle H. G. (Inc.)
Hughes Clifton D.
Ivory J. C.
Laughlin W. F. & Son
Mackey Leroy B.
Orner J. W.
Orr J. C. & Son
Standard Contracting Co.
Vipond John S.
Zimmers Geo. A.
AMBLER—Bartleson Jas. A.
Heckler Leidy B.
Kemmerer C. J.
ARDMORE—Fraser H. A. & D. M.
§Haws Samuel R. & Sons
§Mahan Frank H.
ASHLAND—Leibig Chas. P.
AVOCA—Dommermuth M.
O'Brien Bros.
Widdall H. S.
Widdall J. A.
BEAVER FALLS—Bloom Henry
Kirker L. C. & Son

BETHLEHEM—Bethlehem Construction Co. (Structural)
Denburger H. Contrg. Co.
Speck Bros.
Speck Forest F.
Stoudt H. E.
BLOOMSBURG—Jury A. C.
Reimard Bros.
BRADDOCK—Hemple C. H. & Bro. (Paving)
Hodder Const. Co. (Inc.)
McCrady Bros. Co. (Paving, Sewer & Excavating)
Phillips W. E.
BRADFORD—Hane F. O.
Iver John & Co.
Unruh E. N.
BRISTOL—De Groot Wm. E.
BROOKLINE—Speth John V.
BUTLER—§Hoffner Adam
Schenck Geo. & Co.
Schenck T. L.
Wagner W. S. & Son (Cement)
CARBONDALE—Atkinson Hugh
§Edgett & Patterson
§Gibbs John
§Robinson N. B.
CARLISLE—§Brindle D. E.
Faber L. Jr. & Sons
§Lackey H. A.
§Porter Jas.
Yarnall T. Elwood
CARNEGIE—§Clark. Wm. J.
Davis R. G.
Dushane I. N. & Sons
Gamble Samuel Co.
§Gow Geo.
Harris Morgan
McClintic-Marshall Const. Co.
CARROLLTOWN—Penn. Contracting Co., Dept. H.
CATASAUQUA — Goldsmith Franklin & Son
CHAMBERSBURG—§Frederick Chas.
Minnich D. B.
§Rhoads Maurice R.
Shields E. M.
CHESTER—§Babe Jas.
Bell Sam'l R.
Dickerson Edward
§Frazier Bros.
Hanna Jno. & Sons (Street Improvement, Excavating, Grading, Sewer, etc)
§Hewes Geo. D.
§Hewes Sam'l A.
Holcroft W. H. & Co.
§Nolan Bros.
§Oliver E. J. & A. W.
§Oliver Thos.
§Plumley Morris
§Provost Wm., Jr.
Sheaff A. P.
Taylor J. I.
CLEARFIELD—Lukens Wm. A.
*McAtee Jno. C.
§Thompson Geo. I. & Co.
COATESVILLE—Ash Chas. H.
Domsohn C. J. Co. (Cement)
*Dunleavy Bros. (B. R. & Excavating)
Elliott Wm. J.
Thorne W. K.
CONNELLSVILLE—Connellsville Const. Co.
*Harry S. J. Co. (R R Shafts, Tunnels, etc)
Westmoreland Construction Co.
CONSHOHOCKEN—§Blanch Bros.
CORAOPOLIS—§Boyd Harry C.
McKown & Beattie
§Wilson Carl C.
CORRY—§Munger A. F.
Rogers C. R. & Co. (Mill & Factory Constr. a Specialty, Reinforced Concrete Work, etc.)
DORRANCETON—Nash Stanley
Ranson Coray B.
DONORA—Allen Lumber Co., Dept. H
DUBOIS—Loeb Bros.
DUNMORE—Gibbons Martin
Peck & Carmody F. J. Lbr. Co.
EASTON—Bechtel A. A.
§Keim Reuben
§Keiper Howard O.
§Lerch F. J. & Co.
§Lutz & Boaz
*Miles-Tighe Cont. Co. (R R & General)
Morgenstern F. Louis
Mucillo & Miller
Pittenger Edw. S.
Siebler W. F. (Concrete, etc)
Smith Asa & Son
*Smith, McCormack Co.
*Stewart R. T. & C. D. Contr. Co.
§Steinmetz Amandas
ERIE—§Baldwin Bros.
§Constable Bros. Co.
Dayle J. & M.
Fry Constr. Co.
Graham W. M. & Co.
Kirschner Bros.
McCormick Jos. M. & Bro. (Sewers)
Mayer Bros. Const. Co.
§Schroeck Adolph
§Shenk Henry Co.
South Shore Constr. Co.
Stader Conrath Constr. Co.
§Walker Jas. D.
§Weber A. S.
FRANKLIN—Amsler W. H. (Paving, etc)
Eshelman U. H.
§Long Harry W. (Mason)
Northwestern Construction Co.
Osborne Edwin
FREELAND—§Boyle Jas. W.
§Griffith Jas. E.
§Lentz Robert A.
GREENSBURG—Bennett & Smith Co.
*Bennett & Talbott (Public)
Fulmer Bennett R.
Stark H. F.
HANOVER—Coulson J. W. & Bro.
Klunk Wm. J.
Rohrbaugh J. F. & Co.
HARRISBURG—Baumgartner Frank
Central Constr. Corp.
§*Ensign G. W., Inc. (Sewer, etc.)
§Gettys M. H.
Hipple H. A.
Jones Robt. Ross
Kuhn J. L. L. & Co.
§Lebo E. N.
§McKelvy J. A.
Markley Wm. D.
§Mentzer Samuel F.
Miller Wm. S.
§Schuddemage Harry
Stucker Bros. Construction Co.
Stuckey Adam & Son
*†Whittaker & Diehl
§Wildman Aug.
HAZLETON—§Campbell H. L. Construction Co.
Drake A. W. Drilling Co. (Drilling), Hazelton, Pa.
Frederick S. Y. & Son
Itter Charles
§Kokensberger F. H.
Kramer Ludwig
Leffler John A. (Sewers, etc)
Matuskowitz Jos. & Sons
Meier & James
Ruth Arlo A.
§Schaub Justus
Sell Geo.
Thomas Wm. F.
Veale Bros.
Ziegler Wm. D. & Son
Zierdt & Son
HOMESTEAD—Erbeck F. J. (Paving & Public)
Hall Geo. M. Co.
Snyder J. O.
HUNTINGDON—Peightal Nevin
Whittaker E. B.
INDIANA—Bennett M. & Sons
Lockard E. M.
Richards J. R. (Diamond Core Drilling)
JOHNSTOWN—Baker Owen Constr. Co.
Birkebile Bros.
Danker Bruno & Son
Overdorff Edmund
Schenkemeyer Chas. & Sons
Strayer J. D. & Co.
Thiele Const. Co. (Grading, etc)
LANCASTER—Auxer A. J.
Bally Samuel H.
Breneman Jos. P. (Building, etc.)
Fritchey J. U. & Son (Paving & Sewer)
§Hook Jno. H. (Sewer & Public)
Stumpf Jacob & Son
Wiant Herman L.
Wohlsen Herman F.
Wright L. V.
§Zook Walter C.
LANSDALE—§Kaelin Ludwig
Kauflie John
LANSDOWNE—Burdsall Wm. H.
Lansdowne Constr. Co.
Moore Chas. T.
LANSFORD—Loomis W. H. Contracting Co.
Riebe Herman Co.
LEBANON—Bell's Sam'l Sons (Masons)
Dullabann Geo. D.
Millard J. B. & Sons (Large)
LEWISTON—Steinbach's W. D. Sons
White Wm. J.
LITITZ—Hershey-Leaman Co.
LOCK HAVEN—Blesh Alex.
Caprio & Grieco
*Miller Construction Co.
McKEESPORT—Brieck Bros Co.
Hoey Edward D.
Kunze A. E. (Brick)
Nowell Wm.
Rhoades P. F. & Son (Paving & Sewering)
Wertenbach John H.
McKEES ROCKS—Bryan Frank
MAHANOY CITY—Lutz Robert J.
MEADVILLE—Harper Lumber & Bldg Co.
Keystone Constr. Co. (Paving)
McGuigan T. (Sewer & Public)
Morrison Wm. E. & Son
MECHANICSBURG—Weaver Calvin
MEDIA—Flounders Jas. B.
MONONGAHELA—Yohe Bros.
MORRISVILLE—Ewald F. H.
MT. CARMEL—Keefer Geo. H.
MT. PENN—Schlegel Chas. H.
NANTICOKE—Clark John & Sons
Hamilton John A.
Jones Thos. P. & Sons
Kamowski Jos.
Nanticoke Const. Co.
NAZARETH—Flick & Simons
Hahn F. P.
Messinger Jacob H.
Roth Henry W.
NEW BRIGHTON—Garmen C. & Sons (Building, etc)
McDanel R. B. Co.
McGuire J. G. & Co.
Martsolf Bros. Co.
NEW CASTLE—§Anderson E. W. Constr. Co.
Bender W. M.
Burns Bros. (Sewers, etc)
*Byers & Craig
Chambers W. H. & Son
Kline Lumber & Construction Co.
New Castle Lumber & Const. Co.
*Scanlon Michael J.
Woods & Golder Const. Co.
NORRISTOWN—Friend Henry P.
Heavner Frank R.
§Houpt Irvin B.
Shoffner Bros.
Smith T. V. (Cement Work)
§Wager B. F.
OIL CITY—Boquin L. O.
Crouch E. M.
Lesher & Roess
Meals Jacob F.
Mundt H. C.
PHILADELPHIA—Aberthaw Const. Co., West End Trust bldg
§Ambler-Davis Co., Harrison bldg
American Bridge Co. of N. Y., Widener bldg
American Dredging Co. (River & Harbor), Mariners' & Merchants' bldg
American Paving & Constr. Co., 213 S 9th
American Pipe & Const. Co., 112 No. Broad
Anders & Snyder (Paving), Heed bldg
Anstine W. W. & Co., 1218 Filbert
§Appleton Chas. J., Heed bldg
Armstrong & Latta Co. (Dock, Harbor & Public), Land Title bldg
§Ashby Jos., 7920 Oxford av (Fox Chase)
§Atkins Ed., 249 S 24th
§Austin Co., Bulletin bldg
Bader Daniel S., 1345 Arch
Bailey-Lush Co., 201 N Broad
§Ballinger R. C. & Co., 218 N 13th
Bateman John J. (Mason & Brick Boiler Setting), 5133H Wayne av
§Baton Henry E., 12th & Sansom
§Bauer Walter S., 5802 N 5th
§Bayard M. L. & Co., Penna bldg
§Bechtel Joseph, 200 N 15th
Bennis Richard P. (Sewer), 710 E Chelten
§Birkelbach Frank U., Richmond bldg
§Bland John I. & Co., Harrison bldg
Boas Francis J. (Bridge, etc.), 201 N Broad
§Boorse Horace B., 665 N 15th
§Borthwick Pringle, 8018 Germantown
Bottoms Abel & Sons Co., 3611 Walnut
Bower C. P. (Heavy Masonry, Grading, etc.), Tulip & Somerset br P. & R. Ry.
*Brann & Stuart Co., Commer. Trust bldg
*Brendlinger P. F., Commer Trust bldg
§Brennan Frank, 1409 Ritner
§Brocklehurst H., 512 Norris
*Brogan Jas. F. & Co., Commercial Trust bldg
§Brown Henry L., 27th & Clearfield
§Brown John G., Witherspoon bldg
Brown-King Const. Co., Commercial Trust bldg
Brown Wm. R., 2145 E Firth
§Burrell Horace H., 206 Quince
Byers & Clarkson, 806 Walnut
Cantrell Const. Co., 30th & Walnut
Carhart A. L., 323 Penfield bldg
§Chambley Alex, 2057 Summer
Chapman Wm. R. & Sons, 1506 Washington av
Chester Constr. & Contracting Co., Otis bldg
Christensen Adolph (Stone), 1433 Brown
§Clark & Craighead, 6346 Opal
*Clement F. H. & Co., Land Title bldg
§Codori John A., 1235 Arch
Conan C. A. (Sewer), No. American bldg
Concrete Constr. Co., 1618 Thompson
Conneen Constr. Co., 18 S 18th
§Connor Jas., 1317 Arch
Connor Thos. (Sewer), 3329 N 5th
§Consolidated Constr. Co., 34th & Bowman
§Cornell J. S. & Son, 1412 Morris bl
§Coulston Wm. R. & Co., 2041 Chelten av
§Cramp & Co., Denckla bldg
Crawford Daniel, Jr., 701 N 63d
Crossan Constr. Co., Land Title bldg
Cunningham Paving & Constr. Co., 1345 Arch
*§Cuthbertson Elmer L., 334 Rex av
§Dahl Henry C., 231 S 8th
Daniels J. Morris, 252 S Juniper
Doak Albert (Boiler Setters), 2138 Arch
§Dougherty W. R., 1608 Sansom
§Doyle & Co. (Large Builders, etc), 1519 Sansom
§Driscoll Co., Stock Exchange bldg
§Duff Thos., Wyoming W 7
§Eddleman Wm. H. & Sons, 453 Green La. Rox
§Elfreth & Co., 1708 Sansom
§Ellis Wm. H., 344 N 4th
§English Frank G., 1608 N Carlisle
*Evans Burd P. & Co., 636 N 13th
Eyre, Thos. L., Com. Trust bldg
§Farbstein Jos., 908 Walnut
Farrell James P. & Co., 1621 Sansom
§Fay Edw. & Son, 2 S Mole
§Ferguson Wm. & Son, 405 E 21st
§Fidelity Const. Co., Heed bldg
Field, Barker & Underwood (Engrs & Contrs.), Commercial Trust bldg
§Flounders Jas. B., 1329 Arch
§Flury Geo. B., 1138 S 22d
§Fonder Edw. F., Land Title bldg
§Forsyth Chas. N., 3417 N 16th
§Fotheringham John, 3367 Fkd av
Franklin Engng. & Const. Co., 403H Flanders bldg
§Fretz A. L. & Son, 1213 Filbert
§Freund Constr. Co., Bulletin bldg
Fuller Geo. A. Co., Widener bldg
Gaffney Constr. Co., 1927 Poplar

PENNSYLVANIA—Philadelphia—cont.
§Garrison John D., 4 S 15th
§General Contracting Co., 1218 Frankford
George & Borst, 277 S 11th
§Gill Jno. N. & Co., Otis bldg
§Gilpin Chas., Harrison bldg
§Goll Jno. & Co. (Bridge, etc), 1539 Filbert
Grau H. E. Co., 1707 Sansom
§Gruhler Wm. J. Co., 219 E High av
§Haibach Contracting Co., 1261 N 26th
Hall E. R., 34 S 17th
Hallowell Chas. T., 6060 Webster
§Hand Jos. A., 8029 Frankfort av
§Harris Franklin M. & Co., 1820 Wylie
§Hart & Bailey, 16th & Louden
§Harting S, 20 E Johnson Gtn
§Hartwig Harry F., 7403 Bingham, Fox Chase
§Havens Fred A. & Co., 845-51H N 19th
Hazlett Hugh & Son, 1701 N 20th
§Heckler Chas. J., 3001 N Craskey
§Hedden E. J., Finance bldg
§Heebner Geo. K., 1231 Vine
§Heinke Chas. A., 160 W Sharpnack Gtn
Heins Wm. R. & Co (Paving), 1713 Moravian
Heist Harry H., 65th & Limekiln Pk.
Henderson & Bro. Co., Ltd., S 25th, below Spruce
Higgins Robert (Sewer), 4642 Lancaster av
§Hillsley & Perkins, 1825 Sansom
Hoffman Engineering & Contracting Co. (Bridge & Public), Penna. bldg
§Hogg Constr. Co., 1634 Sansom
§Hollenback Edwin E. (Inc), 200 N 15th
§Holm Jas. M., 5556 Arch
Hoover F. L. & Sons (Inc), 1023 Cherry
§Howes R. H. Const. Co., Witherspoon bldg
§Hurley P. J., 1233 Cherry
§Irwin & Leighton, 126 N 12th
§Isenberg & Krevitzkin, 54th & Springfield
§Jackson J. Richard, Perry bldg
§Jones Wm. J., 2927 N 5th
Keefer Elisha H. & Son, 1321 Rodman
§Kelley John A. Co., Penna bldg
Kelly P. H. (Masonry, etc.), Lippincott bldg
Kemper Const. Co., 905 Walnut
Kessler Geo. Contr. Co., Drexel bldg
§Ketcham & McQuade, 1029 Brown
*Keystone State Const. Co., 210H S 13th
§Killough Robt., Wayne & Dunae
§Klaus & Baxter, 1745 S Conestoga
Klinck Wm. C. (Cement), 1715 Venango
Kreitzburg Ernest J., Broad & Arch
§Lam Building Co., 1001 Wood
Land Chas. D., 23th & Cambria
Lee Thos. P. (Cement), 5629 Cherry
Linker Wm. Co., 831 Cherry
Little Thos. & Son, 1713 Moravian
Lombardi Constr. Co. (Sewers, etc.), Lincoln bldg
§Longacre Constr. Co., Widener bldg
§Loss & Dothard, Commercial Tr. bldg
§McCaul Charles Co., 1715 Sansom
§McClatchy John H., H, Land Title bldg
§McCloskey & Bahls, 1620 Thompson
McCleman H. A. & Bro. (Excavating, Grading, etc.), Moyamg av & Shunk
McClintic-Marshall Co., Morris bldg
McClintock & Weaver, 24 W Phila., Ellena, Germantown
McDermott Chas. Co. (Est. of) Penna bldg
McElivee Bros. (Paving), 1629 South
§McGarvey John N., 61st & Oxford
*†McGraw James Co. (Steam & Municipal & Government Work, Bridges, etc.), Commercial Trust bldg
McHugh M. & J. B. (Sewer, Paving & Municipal Work), 892 N Markoe
§McKibbin David, 2900 Frankford av
McMahon D. (Street), 5701 Gtn av
*McManus P., Commercial Tr. bldg
McMenamin & Sims, Commercial Trust bldg
McNichol Paving & Constr. Co. (Public Work), 1923 Cherry
§McShain John, 1610 North
§McShane Wm. J., 413 S 13th
MacDowell Sam'l B. & Son, 1927 Montgomery av
§MacTavish Archibald, 1515 Pine
Mack Paving & Const. Co., 20th & Sedgley av
*Mahoney Wm. P., Harrison bldg
Mark Frank Constr. Co., 2316 N 21st
§Mark F. W. Constr. Co., Finance bldg
§Marshall Thos. H., 413 Locust
§Melody & Keating, 1322 Rice
§Mendenhall, Hayes & Son, Drexel bldg
Mercer F. T. Co., 1706 Delancey
§Metzger Chas. S., Denckla bldg
Meyer Wm. Co. Ltd., 206 Quarry
§Metzger & Fisher, Denckle bldg
Meyer Wm. Co., Ltd., 206 Quarry
Meyers F. Guy Co., 908 Chestnut
§Mitchell Bros., 2125 Race
§Mitchell Jas. N., 4 Farragut ter
Monday Chas. E. & Co., 1318 Olive
Mullen Jas. A. (Masonry & Grading), 5512 Vine
§Myers Jacob Sons Co., Witherspoon bldg
§Myers Jos. F. Jr. & Co., Weightman bldg
§Nardy F. Co., 1228 Fitzwater
Nass & Hare Const. Co., 113 Tasker
§O'Brien Bros., 5624 Chew
O'Connor Wm. F. Co. (Grading), 2540 Callowhill
O'Meara Constr. Co., 253 S Quince
§Orr James W., 6618 Torresdale av
Pawling Geo. F. & Co., 1432 S Penn sq
§Payne Geo. F. & Co., 401 S Juniper
§Payne & Scammell, Land Title bldg
Peoples Bros. (Heavy Masonry, Sewer, etc), 25th & Callowhill
Peterson Robt. M., 5250 Wakefield, Germantown
§Philadelphia Culvert Co., 16th & Washington av
Pomeroy Const. Co., 1609 Ranstead
§Prettyman H. D., 2603 S Broad
§Raff A. Raymond, 1635 Thompson
§Ramsey Bros., 5932 Catharine
Randle Geo. M., St. Girard bldg
§Reeves, Stacy & Sons, 2011 Market
§Reilly Thos., 1616 Thompson
*Reiter, Irwin T. Co. (Sewer, Paving, R. R. & Public), Commercial Trust bldg
§Rimer & Byers, 4842 Hawthorne, Fkd
§Rowland, Alonza, 4322 Pechin, Rox
§Roydhouse Arey Co., H, Fidelity bldg
Rust Engineering Co., Pennsylvania bldg
§Schlosberg & Cohen, Ann & Aramingo
Schmid Matthen, 5319 N 12th
§Schultz Wm. H., 3340 N Carlisle
Schwartz Jacob (Paving), 2306 N 27th
Seaboard Const. Co., Witherspoon bldg
§Seeds Thos. M. Jr., 1207 Race
*Shanley J. F. Co. (Public), Commercial Trust bldg
§Sheen M. Roy, 450 W Wilton
§Shoemaker Sam'l, Land Title bldg
§Sillers John S., 2020 Alter
Simplex Foundation Co. (Caisson & Bridge Foundation), 3400 Disston
Sinclair Fred W. (Mason), 1629 Winter
§Sladen Geo. E. & Co., 1223 Clover
Smith Chas. & Son, 215 N. 50th
§Smith-Hardican Co., 1606 Cherry
§Snyder Lew V., 205 Ionic
Snyder Paul J. & Co., 176 E Tulpenhocken, Gtn
*Sparks & Evans (Bridge, R R & Public), Abbott bldg
§Stafford John, 1112 Chestnut
Standard Constr Co., 1713 Sansom
Steele Wm. & Sons Co., 1600 Arch
Stewart Frank G., 1619-1621 Sansom
§Sutton & Stephenson (Masons), 1317 Washington av
§Tourison Ashton S., Sr., 7014 Boyer, Germantown
Trafford Thos. C., 1613 Sansom
Turner Construction Co., 1713 Sansom
Van Loon F. W., Denckla bldg
Vare Edwin H. (Sewers, Conduits, etc), Lincoln bldg
§Voigt Herman, 1251 N 28th
Wallace Frank E., 1220 Chancellor
Walsh Richard & Sons (Bridge), Orthodox & Frankford ck
Ward Paving Co. (Cement), 2308 N 29th
Wark Co., 231 S Broad
§Warren Moore & Co., H, Colonial Trust Co. bldg
§Wehmeyer Harry H., 509H W Cumberland
Wells James H., Otis bldg
§Welsh Thos. M., 758 S Broad
§Whelan P. J. & J. T., Lincoln bldg
White Barclay & Co., 1713 Sansom
§Whiteside Rush J. & Sons, 2115 Wallace
§Wiggins John R Co., Otis bldg
§Williams Arthur H & Son, 419 Locust
Wilmer Samuel S., 3211 Comly Wissng
§Young Milton W, Woodbine & P. R. R.
Zane A. M., Land Title bldg

PITTSBURGH—Abel A. F., (Pile Driving, Trestles, etc.), 1 Wood
§Alberts W. E. & Son, 367 Lehigh av
American Bridge Co., Frick bldg
Am. Steel Co., H, Park bldg
§Andrews Engineering Co., Bessemer bldg
§Atkins Alfred, 6346 Walnut
§Baldensperger S. G., Lloyd bldg
Barr J. Toner, 1600 Princess av
Beatty W. D. Co., 900 W. Diamond
§Beatty Bros., 2001 Metropolitan
§Bergman Jos. A. & Son, 2601 Wylie av
Black Peel Co., 308 Anderson
Blendinger Fred. A. (Brick), 824 Spring Garden
Boehmer Chas. & Son, 1904 Gang
Bollinger-Andrews Const. Co., Empire bldg
†Booth & Flinn, Ltd. (Railroad & Municipal, Pipe Line & Tunnel Work), 1942 Forbes
Bothwell & Carson, 1523 Franklin
§Brown B. F., 5992 Centre av
§Bruggeman J. F. Co., 502 Avery (N S)
§Brush & Engel Bldg. Co., 218 Shiloh
Busse Henry & Co., Main & Wabash
Calhoun & Miller, 6200 Penn av
Casey John F. Co., Oliver bldg
*Central Contracting Co., Keystone bldg
§Chambers Henry, 6475 Frankstown av
Cochrane, Geo. A. Co., 1212 Columbus av
Collins-Gordon Co (Masonry, etc), Ferguson bldg
§Conradis August, Olver bldg
Corcoran J. G. Co., 4 Smithfield
Coutts Thos. Co., 3324 Smallman
§Cowan Jas. S., 419 4th av
Cramer Philip L., 713 Euclid av
Cranford Construction Co., Keystone bldg
Crapper Hedley, Highland bldg
§Crawford D. F. Co., Ltd., 603 5th av
Cronin Thos. Co. (Paving & Sewer), S 17th & Muriel
§*Cuthbert Bros. Co., Bessemer bldg
Davis-Smith Co., 516 Federal
Dawson Construction Co., May bldg
Deakins Herbert, 2311 Palm Beach
Dravo Contracting Co. (Heavy Masonry Shaft Sinking & Government Work, etc.), Diamond Bank bldg
§Duquesne Construction Co., H, Bessemer bldg
Egan Thomas J. (Grading), 1721 Bluff
Eichleay John Jr. Co. (House Raising & Moving)
Enterprise Contracting Co. (Masonry, Trestles, Pile Driving, etc), Bessemer bldg
§Evans A. E., 5 McIntyre av
Faber Engng. & Constr. Co., Bessemer bldg
Fair D. McClure, 6023 Hoeveler
§Fellabom L. H., Wellesley & Heberton av
*Ferguson & Edmondson Co., 317 Augusta
Fetzer-Winger Co., 317 Augusta
Foley Contracting Co., Wabash & Violet
Foundation Co., The, Fulton bldg
§Fuller Geo. A. Co., Oliver bldg
Fullman John G., E. E. Trust bldg
Garage Constr. Co., Grant & Oliver
General Contracting Corp., Columbia Bank bldg
*§Gillespie T. A. Co. (Railroad, Public & Waterworks), Union Arcade
§Golden & Crick, 3512 Fifth av
Greenwood Const. & Supply Co., 48 Terminal wy
§Groah B. A. Constr. Co., (Building, etc), 847 W North
Harrison & Meyer, Oliver bldg (Paving)
§Hilf Bros., 13 Gray
Hawley John F., Hostetter bldg
HUGHES-FOULKROD CO., 624 Oliver bldg
Ingersoll Construction Co., 324 Fourth av
§Kerr R. J. Co., Farmers Bank bldg
Krantz & McCoy, 365 Soho
*Keystone Contracting Co., Keystone bldg
Laidlaw Adam & Co., Bessemer bldg
Landau Bros., 311 2d av
Lash David H., 720 Grandview av
Lauer J. & Sons (Building), 810 Portland
Lawrence Steel Const. Co. (Structural Steel Erectors & General Contractors for Mill & Factory Buildings), 3324H Smallman
§Ley Constr. Co., 442H Boggs av
Lucius Engineering Co. (Contracting & Consulting Engineers), Hartje bldg
McCandless Chas. W., 1208 Palo Alto
McGill Irving H., 347 5th av
§McGinnes Bros., 202 Milvale
McGranor, Jas. G., 1900 Enoch
McLaughlin Contracting Co., Germania Bk. bldg
McLaughlin & McLaughlin (Cement & Concrete), 7309 Finance
McQuade, Jas. H. & Sons Co., Bakewell bldg
McSorley John, 1912 Wightman
Masi Bros., 1246 Grotto
Meals, Sam'l A., 2913 Frederick
Mellon-Stuart Co., Oliver bldg
Miller Constr. Co., Empire bldg
Miller H. & Sons & Co., May bldg
Minsinger Bros. Horace cor. 3rd av
Mohney C. L., 615 W Diamond
Monongahela Construction Co., Oliver bldg
Monongahela & Ohio Dredging Co., Oliver bldg
§Moore John L., 112 McAlvy
Moorehead H. S. 220 S Highland av
Mullen J. L. Construction Co. (General Rigger), Wabash bldg
Murphy C. E. & Sons, 516 Federal
Murphy Saml. N., Monongahela Nat. Bk. bldg
Naismith Geo. & Son (Brickwork), 6312 Butler
Nat'l Constr. Co., 6120 Jenkins Arcade
Neeld C. M. Const. Co., Oliver bldg
Neelen & Daly, Fitzsimmons bldg
§Negley H. D., 7134 Idlewild
§Nicola Building Co. (Large Building, etc), Lambert & Penn av
North Side Construction Co., Bessemer bldg
O'Herron M. Co., S 1st & McKean
Ott Matthew & Co. (Sewer, Paving, Macadam, etc.), 414 Warrington
§Patterson & Shaw, 30 E Robinson
§Payne W. J., Beltzhoover av
§Peterson Chas. Co., Keystone bldg
Pihl & Miller, Wabash bldg

Pitt Const. Co., Fulton bldg
*Pittsburg Const. Co. (Round Houses, Mill Building, Grading, Masonry, etc), Diamond Bank bldg
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg
See adv index at end of book
Polltano D. Bros., 607 Webster av
Powell Wm. T., 508 4th av
Purnell A., 507 Jarvella
Raymond Concrete Pile Co., Union Bank
§Richmond Andrew & Son, 17 Shingiss
*Ridge Bros. Co., 5638 Rippey
Riffle David T., Keenan bldg
Rose & Fisher, 819 Penn. av
Rust Engineering Co. (Foundations), 1901 5th av
Ryan M. C., 13 3d av
Sawders Paving & Const. Co. (Sewer, etc), 3317 Biglow blvd
Schellenberg B. F. & Co., Hartje bldg
Schutz, Schreiner & Clyde Co., May bldg
Scott John F. Co., Pittsburg Life bldg
Sell John G., 1518 Warren
Sheets J. B. Co., Kelly & Murtland
§Shenk Henry Co., 132 7th
Siebert W. C., 366 42d
§Smith C. S., Center & Graham
§Standard Construction Co., 900 Union Arcade
Stevens Contracting Co. (Mason), 415 Penn av
Stewart Willard L. E. E. Trust bldg
Swan Robt. Jr. Co., Jenkins Arcade
Swartz & Mennela, Bessemer bldg
†Tennis Co. (R R & Public Works), Vandergrift bldg
§Thompson-Starrett Co., 2d Nat Bk bldg
Toupet, Bell & Conley, 5931 Penn av
§Trimble W. F. & Sons Co., 1719 Penn av
Universal Const. Co., Empire bldg
Walker & Curley Co., E. E. Trust bldg
*Wallace A. L., 819 Sheridan av
Wesel Geo. F. (Concrete), Milwaukee & Orion
§Wherry James & Co., 857 W North av
Wichert E. M. Co., Hartje bldg
§Wilson A. & S. Co., 541 3rd av
Wilson Constr. Co., Fulton bldg

PITTSTON—Allen W. R.
Dershimer & Griffin
Frey Miley J.
Myers Wm.
Turon & Swartz

PLYMOUTH—Watkins Chas. & Son

POTTSTOWN—§Halteman J. L.
Hutt & Knod
§Keiser F. H. & Co.
Rush John H. (Paving, etc)
Wiand Wm. H.

POTTSVILLE—Dietrich Wm. A.
Edwards J. R. & Co.
§Griesbaum Wm. J.
Kilgus Jacob
Koch Theo. B. & Son
§Messersmith Clarence
Portland Contracting Co.
Schum Albert D.

PUNXSUTAWNEY—Cleaver G. C. & Co., Dept. H
Harl McKean
Hoffman Bros. (Diamond Core Drilling), Dept. H
Kurtz Coal Lumber & Supply Co., Dept. H
Long J. K. & Son
McGovern P. E. & Co.
Miller Construction Co., Dept. H
Powell & Justus, Dept. H
Punxsutawney Drilling & Contracting Co.
Reese Hiram

READING—§Beard Const. Co.
Faust John K. & Son
Focht L. H. & Son
Garman N. H. & Bro.
§Hunter D. H.
Koch Geo. A.
Kretz Adolph H. (Building)
Krick P. Monroe
*Nolan Bros. (Railroad, etc)
§Price R. A.
Reading Contr. Co. (Water Works & Concrete constr.)
Sharp Wm. A.

RIDGWAY—Edwards Wm.
Newburg Carl A.

ROSEMONT—Croll Geo. L.
Gray Bros.
Sim Chas. (Grading, etc.)

ROYERSFORD—Mowry Jacob

ST. CLAIR—Kear H. J.
Thorn W. W.

ST. MARYS—Butsch M. C.
Kerner Philip
Valentine Thos. J., Jr.

SCHUYLKILL HAVEN—Becker Irvin H.
Reed Harry D.
Renninger John H.

SCRANTON—Anthracite Bridge Co.
Apostillico Alphonso
§Baker Wm. E.
Bastress J. N. & Co. (Engrs & Contrs)
§Benore John
§Boland Bros.
§Boland Christ T.
Breig Bros.
*Burke Timothy
§Cadden Michael A.
Caputa Louis
§Davis John C.
Engineering Const. Co. (Sewers, etc.)
Fern Russell E. Co.
Flanagan Stephen & Son
§Fuchs Geo. D.
Gaylord Engng & Constr Co.
Gaynor Contracting Co. (Concrete, Conduit & Paving)
Gibbons Patrick F.
§Hower & Stender (Bldrs)
§Hughes E. G.
Kingsley & Wescott (Breaker Bldrs)
Lathrop, Shea & Henwood Co
Leitner Frank V.
§Lord & Waterman
§Perks John
Richardson R. D. Constr. Co.
§Roberts Robert
§Ruddy M. J.
Ruthven R C. (Paving, etc.)
Sharkey Bros. (Masons)
Simons Bros.
Sprague & Henwood (Drill Diamond Contrs.)
§Spruks Bros.
§Stender Bros.
§Stipp Ludwig T.
§Stonier C. R.
§Stonier Linley J.
§Sykes S. & Son
Trauger B. M. & Son
Trauger Geo. H.
Williams E. S.
Williams, Finney & Belke

SHAMOKIN—§Bilger S. L.
Davis Lumber Co.
Raup's H. P. Sons
Schweitzer Chas. A.
Shamokin Lumber & Mfg Co.

SHARON—Budd B. F. & Son
§Hoagland J. M. & Co.
McIntyre Wm. & Sons (Sewer, Macadam, etc)
Sharon Bldg. Co. (Ltd.)
Weaver C. C.
§Wishart A. & Sons Co.

SHARPSBURG—§Schran J. H.

SOUTH BETHLEHEM—Danzer Wm. F. & Co.
Pfeifle Robert

STEELETON—Muff G. & Co.
Wright E. B.

STROUDSBURG—§Palmer & Dreher
§Shiffer Bros.

SUNBURY—Keefer John S.
§Keefer Peter R.
Rockwell George W.
§Simpson John & Son

UNIONTOWN—Carr Jno. D.
Eggers Charles F. & Co.
Gibson & Knopp
Ingraham Wm. B.
Reagan & Lynch
South Penn. Bldg. Co.
Uniontown Construction Co.
§Vinto & Lyons
Wilkey & Baker

WARREN—§Baker Edwin F.
§Beck Edw. T. & Co.
Dunham O. E.
Engstrom & Samuelson
Gibson & King
§Hamm C. E.
Holmberg Salomon
Offerle & Smith
§Shaw Alex. L.
Swanson J. A.
Uhdey C. W.

WASHINGTON—Pickett Wm. & Co.
Vester, Stewart & Rossell Co.

WAYNE—Johnson Richard H. Co. (Excavating, Grading & Steam Shovel Work)
§Lengel Jonathan D.
Palmer Chas. B.
Rossiter J. Morris

WAYNESBORO—§Warner A. R.

WAYNESBURG—§Biggins Thos.
Blair W. F.

WEST CHESTER—§Baldwin C. R.
Burns Jos. M.
Corcoran Construction Co.
§Darlington Howard G.
Farra Harry W.
Farrell M. & T. E.
§Griffith E. R. & W. H.
§Jefferis P. E.
§Jones Wm. H.
§Smedley & Hoopes

WILKES-BARRE—Amesbury Wm. H.
Barney Chas. J.
Behrens O. J. & Son
§Curtis John & Co.
Dickover George T. & Son (Heavy Masonry, etc), Simon Long bldg
Dobson W. H.
Eckenrode Bros.
Eddy F. W.
Evans Bros. & Co.
Eyerman Edw.
Gaynor J. M. & Co.
Hildebrand A. M.
Hughes Richard
Isaacs R. D. & Son
James John E.
Kehoe & Mowery Co.
Kline Dan'l M.
Lange Ferdinand
Leach I. M., Jr.
Long E. T. & Co.
Mallander Herman
Mandeville Co.
Melan Henry J.
Mitchell James J.
Moyles William
Newberry, S. W. (Concrete)
Reilly Cornelius M. (Sewer)
Ritchie John C.
Ross Giles
Roth M. L.
Schmitt John A. Sons
Schmitt & Co.
Shepherd Construction Co.
Smith Wilson J.
Thomas John R.
Walborn & Barney

WILKINSBURG—Adams Jacob A. & Son
Hoffman F. Co.
Holmes J. S. & Son (Brick)
Iron City Stone & Const. Co.
Lose W. L. Co.
Peffer E. Z.
Robinson & James
Smith S. L. & Co.
Steele Bros. (Brick)

WILLIAMSPORT—Bennett Jas. V. & Co.
Busch & Stewart
§Crandall Bros.
Coryell B. H.
§Everhart A. C. (Large)
Gehron Jacob & Sons
§Hartman Bros. (Builders, etc)
Hartman John H. & Bros.
Huffman's W. H. C. Sons
Kimble Walters S
Larrivee Sam'l (Large)
Waltz A. H.
Woodnutt C. E.

YORK—General Supply & Constr. Co.
§Gilbert Geo. W.
§Hake A. M. & Co.
Kraft A. B. (Paving)
§Menough Jas. L. & Son
York Bridge & Constr. Co.

RHODE ISLAND.

EAST PROVIDENCE—McCormick Joseph

NARRAGANSETT PIER—Briggs Geo. T.
Bristow John
Church J. Winfield
Congdon Alphonse
McIntosh, A. L.

NEWPORT—§Booth Alexander
§Curry Robert W.
Darling-Slade Const. Co.
Fagan & Gillis
Fludder A. J. (Mason)
§Johnston J. D.
Keeher Thomas F.
Kelly John J.
Kirwin Bros. (Masons)
McCormick M. A.
§McLean D.
§Mason J.
Radford John & Son (Mason)
Sullivan J. P. & Sons Inc.
Sullivan, J. F.
Tanner B. F.
White Benj. T. (Mason)

PAWTUCKET—Cruise & Smiley Const. Co.
§Greene, Philip
Kilroy Wm. E. Co. (Mason)
§Murphy Louis A.
Rowley Frank G. Co. (Heavy Construction)
Smiley Albert F.
Smith Benj. F. Co. (Large)
Willmarth-Mackillop (Inc.)

PROVIDENCE—Ahlborg Olaf, 17 Wildwood av
§Anderson A. M. Co., 67 Algonquin
§Barry David J., 64 E Manning
Beck Vere W., 53 S Water
§Benson Emil & Son, 340 Willard
Bigney C. I. Constr. Co., 898 Westminster
§Bishop J. W. Co. (Large)
Briggs Engng. & Constr. Co., 75 Westminster
Buonanno & Marcello Co., 583 Laurel Hill av
§Candelet J. E. & Co., 10 Warrington
Carlson Oscar W., 86 Gallatin
Cianci Joseph & Son Co., 12 Ring
§Douglas Wm. & Co., 109 Waterman
§Evans H. R. & Son, 10 Mathewson
Famiglietti Bros. Co., 166 Broadway
§Fraser & Ross, 64 Dexter
Furlong John W. & Co. (Mason), 46 Benevolent
Gammino Frank A. (Sewer, Water Works, Highway, Railroad, etc.), 331 B'way
Gibbons Edward, 203 Montgomery av
§Gilbane Building Co., Calverley
Halcrow Wm. J. Co., 88 Clifford
Hamlyn W. H. & Son, 35 Greenwich
Harding P. E. Const. Co., 86 Weybosset
§Hope Building Co., Industrial Trust bldg
§Houlihan Michael J. (Large), Grosvenor bldg
Humes Construction Co., 76 Dorrance
Interstate Constr. Co., 29 Weybosset
Learned A. C. J. Co., 7 Charles
Lynch James H. (Cement), 501 River av
McKendall Frank D., 519 Charles
McKinnon Construction Co., 70 Water
§McLeod John, 517 Hope
MacDuff Robert A. & Co., 876 Richmond
Maguire Chas. B. Co., Turks Head bldg
Mahoney & Coffey, 29 Weybosset
Manchester Albert C. Co., 136 Dorrance
Mauro Vincent, 203 Federal
Meyer Jacob A., 352 Ormis
Murray & Lamb, 13 Hayden
Norton John, 47 S Main
§O'Neill Maurice R., 143 Dyer
Pierce Frederick L., 74 Weybosset
Providence Bldg. Co., Grosvenor bldg
Purington O. D. & Co., Ind. Trust bldg
§Raftery John T., 55 Candace
Rhode Island Constr. & Supply Co., 18 Marvin

RHOLE ISLAND—Providence—continued
R. I. Paving & Granolithic Co., 27 Penn
Soren & Kelman, 230 Saratoga
§Sundberg Nils M., 11 Somerset
Turgeon E., 86 Weybosset
Williams & Merchant Inc., 728 Hospital Trust bldg
Williams William, 86 Weybosset
WAKEFIELD—Bell Louis F.
§Brown James W.
§Oatley Lincoln N.
§Potter Chas. F.
WARREN—Loughran Thos. J.
Smith Richard
WESTERLY—Eccleston Chas P.
Kenyon H. T. & Co.
Nardone Samuel & Co. (Masons)
Sherman Isaac
§Sherman's R. A. Sons Co.
WOONSOCKET—Aubin Wilfrid
Bouvier J. C. N.
Breault Geo. (Mason)
Daigneault A.
Eastern Const. Co.
Fleurant J. F. & Son

SOUTH CAROLINA.

ANDERSON—Guest G. M., Dept. H
CHARLESTON—Charleston Engng. & Contr. Co.
§Kanapaux C. & Co.
Simons, Mayrant Co. (Engrs. & Contrs)
CHESTER—§Carpenter J. C.
COLUMBIA—Black & Coulter Co.
McNulty F. D.
Waring Geo. W.
GREENVILLE—Fiske-Carter Const. Co.
Gallivan Building Co.
§Jamison & Morris
Jordan W. M.
§Morrell Chas. E. Jr., Cleveland bldg
§Skelton & Owens
§Slattery & Henry
ROCK HILL—Pope L. A.
*Stewart-Jones Co.
SPARTANBURG—Willard, Boggs & Co.

SOUTH DAKOTA.

ABERDEEN—§Easton, Vance & Co.
Jonason S. W. & Co.
HURON—Jaehn Frank Const. Co.
Nelson Constr. Co.
Robertson James Madison
MITCHELL—Kings A. J. & Son
Rjodstrup Howard
RAPID CITY—Hutton & Lane
Ryther, L. R.
WATERTOWN—Brickell Const. Co.
Atkinson C. H. Paving Co. (Concrete)
Gray Const. Co.
YANKTON—Ellerman & McLean
Goetz Const. Co.

TENNESSEE.

CHATTANOOGA—Adams & Schneider
§Becking Geo. & Son
Brandon D. F.
Chambers & Son
Chickamauga Quarry & Const. Co. (Heavy Masonry, etc)
Coffey D. L.
Guild & Co. (Sewer)
Gulf Paving Co.
Hahn A. F.
Lieker Fred'k
Moudy T. S. & Co.
Mountain City Cabinet Co.
Noll Const. Co.
Rogers P. O. & Son
Sloan & Co. (Cement)
Smallwood L. C. Contracting Co. (Bridges, Viaducts, Foundations, Retaining Walls, Water Works, Sewers (Disposal Plants, Dams, Tunnels, etc.), James bldg
Southern Paving Const. Co.
Stein Construction Co.
Wesco Co.
Westcott R. L.
West Const. Co.
Wilson Mark K.
GALLATIN—§Simpson W. A. & Son
KNOXVILLE—Brimer & England Bros.
§Callahan Const. Co.
Dunn J. M. & Son
King Const. Co.
*Kreis H. & Sons
§McMurray A. R.
*Oliver Wm. J. Mfg. Co. (Railroad & Public)
Thomas & Turner
MEMPHIS—Alexander James Const. Co.
Canal Const. Co.
Cheshire R. L., 1118 Peabody av
Creson Robert F., Builders' Exch
§Hollingsworth J. E. & Co.
*Jennings Martin & Bro. (R R & Levee), 1275 Neptune
Koehler Bros. (Paving), 68H Court
Koehler Paul J. (Paving), 68H Court av
Larkin & Co. (Concrete & Paving)
*Lowrance Bros. & Co. (R R & Levee)
McGinnis N. C. & Co. (Drainage)
McWilliams Co. (Dredging), Dept. H
Miller A. Co. (Sewer & Paving), 556 Suzette
Olson A. J. Constr. Co., Exchange bldg
§Roach M. J. & Co., No Mem Sav Bk bldg
§Roach & Stansell, No Mem Sav Bk bldg
Streicher H. P. Co.
§Thomas D. D. & Son
Young F. B. & Son (General), Mem Trust bldg
NASHVILLE—Bush Building Co.
§Carter C. C. & Sons
Curtis T. I. & Son
*Foster & Creighton Co. (Large Masonry, Bridge, Railroad, Dams, etc)
Foy-Proctor Co.
Fulcher Brick Co.
Griffin H. & Bro.
Holladay E. G. Co.
§Howell J. L. & Son
Leftwich W. M. Co.
Lightman M. A. Co.
Lewis Bros. Co. (General)

TEXAS.

AUSTIN—Fiegle Geo.
Fisher & Lambie
§Johnson J. F., Littlefield bldg
Ledbetter & Greathouse
BEAUMONT—International Creosoting & Const. Co.
CLINE—Uvalde Rock Asphalt Co.
DALLAS—Callahan W. E. Constr. Co.
Gibsonite Constr. Co.
Hedrick W. E. Constr. Co.
Hughes & O'Rourke Const. Co.
§Kidd-Scruggs Co., Insurance bldg
Klein Bros. Co.
Link H. W.
McCavick Const. Co.
Moore G. W. Const. Co.
Standard Engng. & Constr. Co.
Texas Bithulithic Co. (Paving)
§Watson Co.
DENTON—§Johnson J. J.
Whitlock M. B. & Co.
EL PASO—Carson Nick H.
Dudley & Orr
Manning L. H. & Co., Inc.
Morgan J. E.
Ponsford H. T.
Ware Vernon E.
FORT WORTH—Bryce Building Co.
Davis B. F. & C. M. Co.
General Construction Co.
Lusher & Rockett
GALVESTON—§Bowden Miles C.
Bowers Southern Dredging Co. (Marine)
§Coyle Bros.
Freund Frank (Sewer)
Good Roads Constr. Co.
International Creosoting & Const. Co.
§Janssen Wm. H.
Lucas Wm.
§Moody John
Suderman & Young
Vantrin Peter J. (Paving)
§Zempter J. W.
HOUSTON—American Const. Co. (General)
Antill James
Atlantic Gulf & Pacific Co.
Eureka Paving Co.
*Horton & Horton (R R & General)
Humphreville W. E.
Lockett A. M. & Co. (Ltd.)
Lucas A. T.
Price A. D. Co.
Texas Bitulithic Co. (Paving)
Texas Grading Co. (Grading, etc.)
SAN ANTONIO—Alamo Constr. Co.
Boelhauwe Chas. G.
Coleman & Jenkins
Elder Construction Co.
Hagy John
Jones H. M. Constr. Co.
McKenzie Constr. Co.
Richter C.
§Scott H. L. & Co.
Weston & Kroeger
Wright & Sanders
SEGUIN—Goodrum John W.
WEATHERFORD—Texas Bridge Co. (Steel & Concrete), Dept. H

UTAH.

LOGAN—Worley & Nelson
OGDEN—*Corey-Taylor Constr. Co.
Intermountain Concrete Co.
§Isakson P. A.
*Utah Constr. Co.
Wheelwright Constr. Co.
PRICE—Harris C. S.
SALT LAKE CITY—Adamson G. H., 1325 Green
Alston & Hoggan, Contl. Nat. Bk. bldg
Banks Bros. Construction Co.
Biesenger Geo. L., 865 Downington av
Brittain J. H., 345 Sherman av
Burke J. J. & Co., Kearns bldg
Campbell Bldg. Co., Newhouse bldg
Carter C. G., 27 W 3rd, South
Chamberlain R. T. & Sons, 142 E 5th, So
*Christensen Constr. Co., Felt bldg
Chytraus & Anderson, 555 E 8th
Continental Contracting Co., Kearns bldg
Dean W. J., 1861 10th, E
Dundas E. H., 1501 2d, E
Gilkerson Constr. Co. (Paving), 26 Richards
Gray G. G., 51½ W 3d, South
§Hodgson Oliver, 265 E 7th, So
Holt John, 950 E 1st, So
Koch E. B., 28 4th E
Lynch-Cannon Engng. Co. (Design Constr. Equipment), Dooly bldg
Lynch Constr. Co., McIntyre bldg.
Mickelson A. P., 511 9th, E
Moran P. J.
Murfitt J. H., 1310 5th E
Nilson Olaf, 1966 4th, E
Richards W. B. Jr., 2026 McClelland
Salt Lake Mill Co.
§Schraven J. F. & H. E.
Sherrill S. C., Kearns bldg
Smith Enoch, Kearns bldg
§Staats C. B. & Son, Nat. Bank bldg
§Taylor A. G., 1151 W 4th N
§Timms Thos. L., 253 6th av
§Vadnais H. L., 22½ W 7th, So
Villadsen Bros. Inc. (Concrete Reinforcing & General), H. Dooly bldg
§Wattrous Roy, 249 Edison
*Wattis L. R. Co., Newhouse bldg
§Wheelon E. R., 825 E 9th, So
Winegar R. J., 1020 E 17th, So

VERMONT.

BENNINGTON—Carpenter T. A. & Sons
§Rockwood & Buss
BRATTLEBORO—§Croll Geo.*
§Hall Ernest S.
§Holden E. M.
§Pellett & Skinner
BURLINGTON—Bergerson J. L. & Son
Lapoint & Sullivan
Spear Bros.
MIDDLEBURY—Rogers & Wells
Ross C. W.
RICHMOND—§Terrien A. & Co. (Masons)
RUTLAND—§Remington F. H.

VIRGINIA.

BERKLEY—Jones John W.
CHARLOTTESVILLE—§King Lumber Co.
CLIFTONFORGE—Emswiler L. A.
DANVILLE—Deitrich Wm. H.
Osborne H. A. & Son
Pearson H. T.
FREDERICKSBURG—Heflin, E. G.
Stearns Frank P.
GROTTOES—Eutsler Bros.
HAMPTON—§Richardson R. V.
Tennis F. L. (Bridge & Wharf)
LYNCHBURG—Bennington S. B.
Hamilton Bros.
Hancock C. W. & Son
McKinney J. T. Construction Co.
Moormon Bros. Co.
§Pettyjohn J. P. & Co.
Smoot & Sheehan
Snead W. B. & Co.
Womack C. W. & Co.
NEWPORT NEWS—Alsop & Peirce (Industrial Plants)
§Antonio & Smith
Davis J. W.
Downing J. E.
Harwood & Moss
Phillips D. E.
Williams J. H. & Co.
NORFOLK—Addenbrook's J. U. Sons (Cement)
Atkinson W. E.
Baker & Brinkley
Barclay John E.
Brent W. F.
Cahoon & Hudgins
Consolvo & Overmyer
Coster August
Cox G. F.
Dunnavant C. E. Contracting Co.
East & Hobbs
Forbes E. M.
Gregory W. T.
§Griffin Bros.
Hart Edward
McGuire F. J. (Sewer)
Myers E. L.
Nichols & Lindeman
Norfolk Dredging Co. (River & Harbor)
Pierce John H.
Porter J. N. W.
Richardson R. R. & Co.
Ruth Perry W. & Co.
*Sanford & Brooks Co. (R. R. Dredging, Harbor & Government Work)
Sawyer W. F. & J. T.
Turpin J. A.
Williams S. G. & Co.
PETERSBURG—Brister & Knowles
Harrison Const. Co.
Perkinson & Finn
Rowell J. C.
PORTSMOUTH—Boswick Jas. R.
Hutchins S. B. Jr.
Ogg A. (Stone)
RICHMOND—Ancarrow Newton E.
Anderson R. M. & Co., Lyric bldg
§Atkinson J. W.
Atlantic Bithulithic Co. (Paving)
Bass E. L. & Bros., 708 Bainbridge
§Beveridge W. H. Jr.
Black K. L. & Co., Inc., 110 N. 7th
Bradley W. B. Const. Co., nr 17th
Calligan A. H. & Co., 1001 E. Main
Davis Bros. Inc.
Ferguson H. E.
Fox Jas. & Sons
Gasser Chas., 814 W Cary
George H. H. Jr., 1831 Monument
Gilman J. W. & Son, 1102 E. Main
§Houston A. C. & Son
Hunt Gilbert J.
Jenkins L. Chastine
McClay A. W.
Matthews Harry L.
Maynard A. W. (Paving & Sewer)
§Newell T. D.
§Newell Wm. B.
§Nuckols John T.
§Pollard C. W.
Ragland W. L. & Son
Siewers Richard A.

Tiller Geo. W.
Virginia Realty & Constr. Co., Inc., 1422 W. Gary
Walkup Alva M. Co.
§Wilson John T. Co. (General), Mutual bldg
•Winston & Co., Amer Nat Bk bldg
Wise Granite & Constr. Co.
ROANOKE—Bexall W. W. & Co.
Markley C. (Municipal)
Marshall A. L.
•Sheahan Constr. Co.
•Williams Bros. Constr. Co.
STAUNTON—Blackburn John H. & Son
SUFFOLK—•Darden J. M.
Stallings A.

WASHINGTON.

ABERDEEN—Creech & Walker Const. Co.
BELLINGHAM—Booker & Campbell.
Chishom C. H.
Dickinson Geo. A. (Excavating)
Lind C. E. (Grading)
Sauset K. (Street & Sewer)
§Trede John H.
BREMERTON—Kenyon Jas S.
CENTRALIA—Albert Matt S.
Johnson & Brown
COUPEVILLE—Todd & Lyons
ELLENSBURG—§Ackley & Luff
Ames Wm. O.
Ferrier E. L. & Co.
EVERETT—American Pile Driving Co. (Bridge & Concrete Works, etc)
Everett Const Co.
§Kelly C. & Son
McAdam R. B.
Organ & Stohr
Snyder J. B.
§Wright H. S.
KENNEWICK—§McReynolds A. V.
NORTH YAKIMA—Valley Const. Co.
OLYMPIA—Weller W. A.
White & Wright
SEATTLE—Bates & Clark Co. (Engrs. & Contrs.)
Bennett Frank H.
Booker, Kiehl & Whipple, Central bldg
§Boutan Victor, 1519 Terry
Brandt Harry
Bromley H. C.
Brown Robert, 115 N 10th
Chamberlain Const. Co.
Clapp J. M. (Engr & Contr)
Coles Constr. Co., L. C., Smith bldg
Craftsman Bungalow Co., Empire bldg
•Daley Chas. & Co., Railway Exchange bldg
Doty O. M., 1701 9th
Ellis L. R.,Central bldg
Factribilt Co., 600 Terry av (Building)
Finne & Gjarde, Northern Bk bldg
Frantz J. J., New York blk
Galber John
Geske C. & Co., Inc. (Pile Driving)
Graff Construction Co.
Harrington-Peters A. Co., Oriental bldg
Henrickson & Co., Globe bldg
Holt & Jeffery
Hord Bros., 1015 Eastlake av
Independent Asphalt Paving Co.
•Johnson C. J., Railway Exch bldg
Layton Fred'k W., Haller bldg
McEachern J. A. Co. (Bridges, Piers, Foundations, etc)
McHugh P. J. Paving & Construction Co.
McLellan Frank X.
Macrae Bros.
Manhattan Contracting Co., Central bldg
Martensen & Kelton, 1231H Westlake
Meismer W.
•Morris C. L. (R R, Paving, Sewer, Irrigation etc)
Nettleton-Bruce-Eschbach Co.
Normile Simon (Grading)
Olson-Nicholson Co., Inc., Arcade bldg
Pacific States Construction Co., Ry. Exchange bldg
Pattison Oscar A., N. Y. blk
Pederson Hans
Puget Sound Bridge & Dredging Co. (Dredging, Bridges, Foundations, Piers, Harbor, etc)
Quist A. W. & Co.
Rice L. M. & Co. (Hydraulic & R R Engrs. & Contrs.)
Rockford John C., White bldg
Smith Grant & Co.
Sound Construction & Engineering Co.
Sparger Concrete Co.
Stewart Hope D., Amer Bank bldg
Stillwell Bros., Inc.
Sylliaasen & Sando, Downs bldg
Tolman J. H.
United Building Co., White bldg
Weymouth Construction Co.
Woeck & Behrens, Arcade bldg
SPOKANE—Broad James
Bush Thos. G. & Co., Pulsen bldg
§Colonial Building Co.
Diamond Drill Contr. Co.
•Hansen Otto, Empire State bldg
Huetter Construction Co., 1101 N Division
Hurley-Mason Co.
International Diamond Drill Contracting Co.
Jasper Chas., Hyde bldg
•McCreary & Willard (Railroad & Public)
Mitchell Bros.
Norman N., Mohawk bldg
Peterson P. L.
Phair Fred, 416 2d
•Porter Bros. Co. (Railroad & Public), Old Natl Bank bldg
Rajotte Fobart & Winters, Zugler bldg
Skinner H. J., Eagle bldg
Smith Grant & Co.
•Welch P. & Co. (Public Works)
Willett & Camp Co.
TACOMA—§Bonnell Jas. E. (Builder & General)
Burgeson Chas. F. & Son (Bridge, etc.)
§Cornell Bros. (Builders, etc)
Hurley-Mason Co. (Concrete, etc)
Knoell Bros., 1211 S L
Larson O. F., Prov. bldg.
McHugh & Johnson
Murphy W. J. (Concrete, etc.)
Nichols J. M. & Co.
Tacoma Pile Driving & Const. Co.
Tweeden & Mills, Prov. bldg
Walla Walla Const. Co. (General)
McLean J. A.
Walla Walla Const. Co. (General)

WEST VIRGINIA.

CLARKSBURG—Richards Const. Co.
Shrum Andrew L. & Co. (Brick)
FAIRMONT—Holbert & Spedden Co.
Kisner John M. & Bro. Lumber Co.
Minor C. E.
HUNTINGTON—Hamill R. H. Co., R. & P. bldg
Harrison & Dean, Inc.
Henson P.
McNulty C. W. Co.
Taylor V. E.
Taylor & Robinson
Yon T. L. & Co., Box 1554
KEYSER—Liller W. A.
Moran L. E. (Mason)
MORGANTOWN—Chaplin Benj. M. Co.
PARKERSBURG—Keenan Samuel
WHEELING—Butts J. R. Sons Co.
Fair H. W.
Hallock L. G. Son & Co.
§Kimberly C. B. Co.
Ogden & Bauer
Perkins & Jackson
Woods J. Lee & Son

WISCONSIN.

ANTIGO—Otis J. W.
APPLETON—Appleton Const. Co.
Blake Constr. Co.
Campbell & Morgan (Cement)
Green & Sons Co.
Hackworthy Const. Co. (Heavy Bldgs, Concrete & Steel Bridges)
§Hegner Construction Co.
ASHLAND—Jacobs Barney
§Pugh & Rundlett
Sandstrom John
Scott-Taylor Co.
Tomlinson Frank
Tomlinson & Egan
BARABOO—§Graf Henry C.
§Isenberg Bros.
Judevine A. & H.
BELOIT—Cunningham Bros.
Dearhammer A. L.
Fitzgerald Wm. J.
Magill W.
Quinn W. H.
BERLIN—Ceman Julius F.
§Kramp A. J.
EAU CLAIRE—Eau Claire Constr. Co.
Fish E. M. Co.
§Hoeppner-Bartlett Co.
FOND DU LAC—Hutter Const. Co.
Immel Const. Co.
§Nickel-Lyneis Constr. Co.
O'Connell Thos.
GRAND RAPIDS—Arpin J. B. Dredging Co. (Marine)
Rood Constr. Co.
GREEN BAY—Agamite Edward
Garot Edward (Sewer)
Green Adolph (Public Work)
Greiling Bros. Co. (Harbor & Public)
Selmer Henry J.
Servotte Ernest W.
JANESVILLE—Cullen J. P. Construction Co.
Denning J. A.
Donahue Edward
§Ford, Boos & Schoof
Hager Julius (Mason)
Janesville Contracting Co.
Summers A. & Son
§Van Pool Bros.
JEFFERSON—Krusing Geo. G.
KENOSHA—Jensen Emil
Knudson Knud P.
Larsen Fred (Mason)
Windorf Bros.
LACROSSE—Lacrosse Stone Co. (Paving, etc)
Mitchell A. H.
Molzahn & Lyons (Cement)
Nelson Peter & Son
Schwalbe Frank R. & Sons
Stormost Jas. & Son
Wallace J. E. (Mason)
LAKE GENEVA—§Soutar R.
LANCASTER—Brooker Robert
Rich C. E. & Co.
MADISON—Blake John T. (Cement)
§Capital Constr. Co.
Copps Bros.
Doran M. M.
Faber Peter
Fass Jas. & Co.
Findorff J. H.
Frederickson A. D. & J. V.
Fritz C. B. & A. K.
Gilbert L. B.
Hanson Fred
Luetscher Jacob J.
McCarthy T. C.
Mitchell J. W.
Morgan & Morgan (Masons)
Quinn Nicholas
MANITOWOC—Gray-Robinson Constr. Co.
McMullen & Pitz
Murphy Const. Co. (Concrete Work, Paving, etc)
Tomcheck A. C.
MARINETTE—Utke Julius E.
MERRILL—§Torkelson & Hesterman
MILWAUKEE—Aetna Constr. Co., Merrill bldg
Austin Const. Co. (Concrete, etc), Matthews bldg
Badger Constr. Co., Ry Exch bldg
Barber Asphalt Paving Co. (Paving), 1st Nat'l Bank bldg
§Bossert O. H. Co. (Concrete Const), 848 Jackson
§Brockman Sam'l J., 444 Milwaukee
§Buestrin Const. Co. (Wrecking, General Bldg), 567 E Water
Christiansen Bros., 469 1st av
City Const. Co., Pereles bldg
Clos Const. Co., 721 Cramer
Columbia Constr. Co., 425 E Water (Railway)
Conrad J. B. & Son, 1028 National av
Croft Stephen P. (Grading), 587 49th
Dahlman Const. Co., Majestic bldg
Danielson Daniel, 874 Layton blvd
Donahue J. & Sons (Paving, Grading & Teaming), 318 Bradford av
Donahue & Co. (Concrete Construction & Concrete Paving), 318 Bradford av
Emerson F. M., 1570 Stowell pl
Ferge Henry, 421 Milwaukee
Forrestal Chas., 2908 Chestnut
Foster Const. Co., Caswell blk
§Fuldner Const. Co. (Concrete), Majestic bldg
General Concrete Co., 995 30th
Gilen Edw. E. Co. (Dock, Dredging & Piling), Wells bldg
Great Lakes Dredge & Dock Co. (Dock Dredging & Piling), 1491 Canal
Gumz, Gutknecht & Wussow (Grading), M. & M. Bank bldg
Hanel A. B. Co., 118 Locust
Hansen Constr. Co., First Nat. Bk bldg
Hildebrand Fred (Grading), 1315 Forest Home av
Hoeppner Richard (Mason), 1815 Teutonia av
Hohensee Herman (Sewer), Oakland & Linnwood av
§Holstein Aug., 1726 Chestnut
Jennings & Ross Co., B'way & Chicago
Jeske Gust. J. & Son (Mason),, 1089 Richards
Jones John P. (Mason), 386 Kenilworth pl
Kasdorf Walter G., 1099 Halton
Kelling H. C. Const. Co., 885 7th
Kiesslich Ed. R. (Concrete), Hartford & Maryland avs
Kroening Construction Co. (Mason), Majestic bldg
§Langenberger Const. Co., 302 6th
Luenzmann Frank Co., 1912 Prairie
Madson, Christensan & Ingbretson, 379 31st av
Meredith Bros. Co., 1043 Kinnikinnic av
Meyer Const. Co. (Sidewalk), Merrill bldg
Milwaukee General Constr Co., 857 8th av
Milwaukee Sidewalk Co. (Concrete Construction), Matthews bldg
§Monsted A. Co., Pabst bldg
Newton Engng. Co., 221 Grand
§Nuedling A. & Son, 998-16 (Mason)
Payne H. J., Caswell blk
Pfister Ludwig O. (Grading), 600 21st av
Raulf The Co., Patton bldg
§Reinhardt C. H., 436 20th
Reisinger Robt. L. & Co. (Mason), First Nat'l Bank bldg
Rice P. J. (Sidewalk), 459 Layton blvd
Riesen Arthur W., University bldg
Riesens Paul Sons, 1018 Humboldt av
§Schmitt H. & Son, 430 Farwell
Schuett & Frey (Mason), 791 Weil
Sneddon D. M. Co., 635 Wentworth av
Steigerwald Ed. & Sons (Mason), 2303 Galena
Steinhagen & Klinger, M & M Bk bldg
Szukalski Thomas (Sewers), 1089 American
Taddey Adolph G. (Mason), 744 46th
Taddey F. W. (Mason), 1705 Chestnut
Tubesing Wm. F. Co. (Concrete), 139 Chestnut
§Tullgren Martin & Sons, 425 E Water
Van Rhiensen Constr. Co., 502 53d (Carpenters)
Vitrolite Constr. Co., Caswell blk
Werner Washington T. (Sewers), 632 52nd
White Const. Co. (Paving), 425 E Water
§Williams Wm. G., 352 Jackson
Winter Wm. F. (Mason) 1025 2nd
Wisconsin Cement Const. Co., 1000 Humboldt
Wisconsin Tunnel & Const. Co., 231 Grand av
Worden-Allen Co. (General), Pt. Washington rd
Wussow H. A. (Grading), 191 Concordia av

WISCONSIN—Waupaca—continued
Yunker Bros. (Mason), 615 37th
Zimmermann Geo. E. (Sewers), 3102 McKinley blvd
MONROE—Isely Samuel
Wagner & Bauman
NORTH MILWAUKEE—Coddington Engineering Co. (General)
Ideal Constr. Co. (Sewer)
OCONOMOWOC—Anderson G. Otto E. O.
Nelson Webster Const. Co.
OSHKOSH—Fluor Bros. Const. Co.
Ganther & Kroyer
Johnson Chris & Son (Sewer & Paving)
Larsen Construction Co. (Street Work)
§Mace Edw.
Marden P. L. & Bro. (Paving)
Meyer C. R. Sons Co.
Rasmussen John & Sons Co. (Sewer, Excavating, Grading, etc.)
PLYMOUTH—Radloff Frank
Schultz C. B.
PORTAGE—Brodie Harry C.
RACINE—Anderson Hans
§Birdsall R. R. Const. Co. (Public)
Cape Jas. & Sons Co. (Sewer, Paving, Excavating, etc)
Galloway P. W. (Breakwater & Harbor)
Gillen Edw. Dock, Dredge & Const. Co. (Dredging, Dock & Harbor)
§Greene F. J. Engng. Wks. (Public)
Harcus Adam H.
Harding E. R. Co.
Jacobson Anton (Mason)
Kapple Andrew C
Nelson Robert (Sewer)
Nelson & Co.
RICHLAND CENTER—Miner Co.
SHEBOYGAN—Ackermann Christ & Sons (Masons)
Braun J. M. (Paving)
Central Constr. Co.
Geib Frank
§Quasins Geo. H.
SUPERIOR—Dauplais A. J.
§Diffor John
Hill Wm. F.
Johnson & Baum
McKenzie Alex (General)
Russell Constr. Co.
Schmidt Bros. (General)
Whitney Bros. Co. (Marine)
TWO RIVERS—Reis John
Wolfe F. L.
WATERTOWN—Bartlett Edward (Sewer, Paving, etc)
Mallow & Kadditz (Masons)
WAUKESHA—Boortz Fred
Butler Constr. Co. (Sewer)
Dwinnell & Laughlin
§Smith Frank S.
WAUPACA—§Knudson H. P.
§Nelson A. G. Lumber Co.
Phillips C. H.
WAUSAU—Anderes John & Son
Krause F. W. (Building, etc)
WEST ALLIS—Marks Bros. Co.
Slattery Austin
WHITEWATER—Slattery Austin (Cements)
Whitewater Bridge Co.
Whitewater Constr. Co.

3044a—Contractors (Dam, Concrete and Masonry)

McMullen Arthur Co., 149 B'way, New York
Western Bridge & Construction Co., Omaha, Neb.

3045—*Contractors (Docks, Bulkheads, Foundations)

Chesley, Earl & Heimbach (Inc.), 20 Breckenridge, Buffalo, N. Y.
RAYMOND CONCRETE PILE CO. (Concrete), 140 Cedar, New York

3046—Contractors (Dredging)

CALIFORNIA.

OAKLAND—Veitch W. T. & Bro.
SAN FRANCISCO—American Dredging Co., 255 California
Dutton Dredge Co., 16 California
Healey-Tibbitts Construction Co.
North American Dredging Co., Mer. Exch. bldg
Pacific Coast Dredging & Reclamation Co., 112 Market
San Francisco Bridge Co., Nevada Bk. bldg

CONNECTICUT.

BRIDGEPORT—Bridgeport Dredge & Dock Co.
NEW LONDON—Scott T. A. Co.

FLORIDA.

TAMPA—Hillsboro Dredging Co.

GEORGIA.

SAVANNAH—Globe Dredging Co.
Ross P. Sanford, 16 Bryan, E

ILLINOIS.

CHICAGO—Byrne Bros. Dredging & Engineering Co., 208 S La Salle
Ewing W. R., Inc., 112 W Adams
Fitzsimmons & Connell Dredge & Dock Co., 10 S La Salle
Great Lakes Dredge & Dock Co., 104 S Michigan av
McWilliams R. H. & G. A., 332 S Mich. av
PITTSFIELD—Wills A. V. & Sons

INDIANA.

FORT WAYNE—Foohey Timothy Dredging Co.
LAFAYETTE—Ewing & Brockenbrough
LEBANON—Hosford R.
ROYAL CENTER—Indiana Dredging Co.

LOUISIANA.

FRANKLIN—Huth N. G. Dredging Co. (Ltd.)
NEW ORLEANS — Jahncke Navigation Co., 814 Howard av

MARYLAND.

BALTIMORE — McLean Contracting Co., Fidelity bldg
Maryland Dredging & Contracting Co., Fidelity bldg
Sanford & Brooks Co., Water & Commerce

MASSACHUSETTS.

BOSTON—Bay State Dredging & Contrg. Co., 247 Atlantic av
Breymann G. H. & Bros.
Gerrish Dredging Co., 101 Tremont.

MICHIGAN.

BENTON HARBOR—Bakeman Geo. F.
Mills G. A. & Son
DETROIT—Dunbar & Sullivan Dredging Co., Dime Bk. bldg.
Gray Edward, ft. Continental
Griffin M. J., 169 Stanton av
Lakeside Dredging Co., Penobscot bldg
HOUGHTON—Pryor Jas. & Son
PORT HURON—Muir-O'Sullivan Dredge & Dock Co.
SAULT SAINTE MARIE—Great Lakes Dredge & Dock Co.
Hickler Bros.

MINNESOTA.

DULUTH—Duluth-Superior Dredging Co.
Great Lakes Dredge & Dock Co.
Northern Dredge & Dock Co.
Zenith Dredge Co.
ST. PAUL—Butler Bros., Exch. Bank

MISSOURI.

ST. LOUIS—Rust & Swift

NEBRASKA.

OMAHA—Crane Fred M. & Co.
Pollard & Campbell

NEW JERSEY.

ATLANTIC CITY—Hill Dredging Co.
BAYONNE—Packard R. G. Co.
CAMDEN—Am. Dredging Co.
JERSEY CITY—McSpirit John & Joseph, 118 Wayne
Ross P. Sanford, 277 Wash'n
Stillman F. M. Co., 26 Exchange pl
Taylor Dredging Co., ft Communipaw av
Taylor & Pearson, 196 Virginia av

NEW YORK.

BUFFALO—Buffalo Dredging Co.
Lake Erie Dredging Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Beard, Wm. & Co., Pier 1 Erie Basin
Gahagan Walter H., 147 Remsen

Boroughs of Manhattan and Bronx.

NEW YORK—Atlantic Gulf & Pacific Co., Park Row bldg
Beard Wm. & Co., 59 Pearl
Bickel Chas., F. Co. Inc., 30 Church
Canal Construction Co., 150 Nassau
Du Bois Henry Sons' Co., 17 State
Empire Engineering Co., 6 Church
General Contracting & Engineering Co., 29 B'way
Maritime Dredging Co., 50 E 42d
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl
Metropolitan Dredging Co. (Hydraulic), 90 West
Morris & Cummings Dredging Co., 17 State
Oroville Dredging, Ltd., 25 Broad
Packard R. G. Co., 133 Greenwich
Spearin, George B., 90 West
Standard Engineering Co., 11 Pine
STEWART JAS. & CO. (Inc.), 30 Church

(End of New York City)

OGDENSBURG—Daly & Hannan Dredging Co.

OHIO.

CINCINNATI—Strack T. P., Goodall bldg
CLEVELAND—American Construction Co., Marion bldg
Central Dredging Co., Swetland bldg
Great Lakes Dredge & Dock Co., Williamson bldg
Robinson Contracting Co., Wade bldg
Rocky River Dry Dock Co., Blunt rd
TOLEDO—Bodette Edward, 704 Boalt
Breyman Geo. H. & Bros., Marine bldg
Gilmore Bros.
Thacher A. Q. Contr. Co., 6 Jefferson av

OKLAHOMA.

OKLAHOMA—Sprankle Co.

OREGON.

PORTLAND—Columbia Digger Co., 180 Burnside

PENNSYLVANIA.

PHILADELPHIA — American Dredging Co., Marine & Merchant bldg
Philadelphia Transportation & Lighterage Co., 119 Walnut
Rickards Dredging Co., Real Estate Trust bldg
River & Harbor Improvement Co., Mariner & Merchant bldg
PITTSBURGH—Enterprise Contracting Co., Bessemer bldg
Monongahela & Western Dredging Co. 7 Wood

RHODE ISLAND.

PROVIDENCE—Packard J. S. Dredging Co., Turks Head bldg
Shaw Fred'k E., 126 Melrose

TENNESSEE.

MEMPHIS—Kavanaugh Sand Co., 20 Madison

TEXAS.

GALVESTON—Bowers Southern Dredging Co.
Clarke Charles & Co.
HOUSTON—Arpin J. B.
Stewart Jas. & Co. (Inc.), 1st National Bank bldg

VIRGINIA.

NORFOLK—Norfolk Dredging Co.
Sanford & Brooks Co.
PORTSMOUTH—Hoagland E. L.
Hoagland E. L.

WASHINGTON.

SEATTLE—Amercan Dredge Building & Construction Co.
Puget Sound Bridge & Dredging Co. (Hydraulic)
TACOMA—Tacoma Dredging Co.

WISCONSIN.

GRAND RAPIDS—Arpin J. B. Dredging Co.
GREEN BAY—Greiling Bros. Co.
MILWAUKEE—Gillen Edw. E. & Co., Ft. Nock
Great Lakes Dredge & Dock Co., 491 Canal
Starke C. H. Dredge & Dock Co., 216 W Water
RACINE—Galloway P. W.
Gillen Edw. Dock Dredge & Const. Co.
SUPERIOR—Whitney Bros. Co.
TWO RIVERS—Two Rivers Dredge & Dock Co.

3046a—Contractors' Equipments

Clyde Equipment Co., Dept. H, 17th & Thurman, Portland, Ore.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
KLEINHANS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
McKracken J. Co., Blake McFall bldg, Portland, Ore.
Northwest Trading Co., Ltd., 233 B'way, New York
Peterson Chas. J. Co. (Electric High Tension), 723 Fulton, Chicago, Ill.
SMITH T. L. CO., 1151 32d, Milwaukee, Wis. *See adv index at end of book*
Standard Supply & Equipment Co., Cherry & 13th, Phila., Pa.
Whayne Roy C. Supply Co., 608 W Jefferson, Louisville, Ky.

Contractors (Paving)

See Contractors, Building & General; also Contractors, Asphalt Paving

3047—Contractors (Pile Driving)

McMullen Arthur Co., 149 B'way, New York

Construction Equipment

FOR SALE OR RENT

STEAM SHOVELS LOCOMOTIVE CRANES

LOCOMOTIVES DUMP CARS

HOISTING ENGINES, Etc.

All the equipment we offer is in thoroughly *rebuilt* condition

H. KLEINHANS CO. Pittsburgh, Pa.

Shops—Neville Island, Pa.

Contractors (Power House)

See Dock Builders

Contractors (Railroad)

See Names in Contractors, Building & General, Marked with a (*) Star

Contractors (Sewers)

See Contractors, Building & General

3048— Contractors (Water Works)

See also Contractors, Building & General

CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill.
For branch offices see adv index at end of book
McDaniel C. E. (Domestic), Ottumwa, Ia.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Water Wks Equipment Co., 50 Church, New York

3049—Contractors (Wood Block Paving)

Booth & Flinn (Ltd.), 1942 Forbes av, Pittsburgh, Pa.
Consolidated Engineering Co., Calvert bldg, Baltimore, Md.
Gaynor Contracting Co., Scranton, Pa.
Hardner Geo. H., Allentown, Pa.
Kraft A. B., York, Pa.
Republic Const. Co., 233 B'way, New York

3049a— *Contractors' Plants

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KLEINHANS H. CO., Union Arcade, Pittsburg, Pa. *See adv index at end of book*

3049b—*Contractors Plants (Asphalt)

See also Contractors' Asphalt

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Davis Norris K., 400 7th, San Francisco, Cal.

3050—Contractors' Portable Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
MacLeod Co. (Oil & Acetylene), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn Alexander Co. ("Milburn," Self-Contained Acetylene), 1420 W Baltimore, Md.

Contractors' Portable Saw Rigs

See Sawing Rigs, Portable

3051—Contractors' Supplies (Second-Hand)

Harrison John (Est. of), 169 South, New York
KLEINHANS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Louis John C., 221 S Eutaw, Baltimore, Md.
MacGovern & Co., Inc., 114 Liberty, New York
Mertes Machinery Co., 240 Oregon, Milwaukee, Wis.
Mitshkun M. Co., 985 Dix, Detroit, Mich.
Shaw Willis, 80 E Jackson blvd, Chicago, Ill.
Sherbesman J. P., 375 Monadnock bldg, San Francisco, Cal.
U. S. Equipment Co., 208 S La Salle, Chicago, Ill.
Warner P. B., Culloms Station, Cincinnati, O.

3051a—Contractors' Tools & Supplies

See the Specific Article Required

Also Barrows, Various Kinds; Blasting Fuse Caps, etc; Buckets, Dumping, etc; Cars, Various Kinds; Carts, Various Kinds; Concrete Mixers; Crowbars, etc; Crushers, Rock & Ore; Derricks & Derrick Fittings; Dredging Machinery Builders; Drills, Various Kinds; Dynamite Manufacturers; Engines, Hoisting; Hoists, Various Kinds; Jacks, Various Kinds; Locomotive, Industrial and Mine; Picks, Various Kinds; Pile Driving Machinery; Plows, Contractors'; Powder Manufacturers; Pumps, Centrifugal; Railways, Portable; Road Machines and Graders; Rollers, Various Kinds; Rope, Manila and Sisal; Shovels, Steam; Tents, Contractors'; Tools, Various Kinds; Wire Rope; Wire Rope Tramways

Acme Road Machy. Co., Frankfort, N. Y.
American Hoist & Derrick Co., St. Paul, Minn.
Anderson W H Tool & Supply Co, 184 Brush, Detroit, Mich.
Armstrong R. S. & Bro., Atlanta, Ga.
Asheville Supply & Foundry Co., Asheville, N. C.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
B. & H. Supply Co., 115 Mathewson, Providence, R. I.
Bacon Ed. R. Co., 165H E Jefferson, Los Angeles, Cal.
Bailey-Lebby Co., Charleston, S. C.
Baker, Barron, Inc., 221 W B'way, New York
Baldwin Frank & Son, 33 South, New York
Banks Supply Co., Huntington, W. Va.
Barde M. & Sons, Portland, Oregon
Barnett G. W. Hardware Co., Montgomery, Ala.
Barrett Hardware Co., Joliet, Ill.
Bassett Rose Supply Co., 111 Market, Pittsburgh, Pa.
Battey Machinery Co., Rome, Ga.
Bayne Co., 29 Sullivan, New York
Beals, McCarthy & Rogers, 44 Terrace, Buffalo, N. Y.
Bentley A. & Sons Co., 201-241 Belmont av, Toledo Ohio
Bittenbender Co., Scranton, Pa.
Bock Equipt. Co., 1900 Northwestern av, Indianapolis, Ind.
Bonney Forge & Tool Works, Allentown, Pa.
Bonniwell-Calvin Iron Co., Kansas City, Mo.
Bowman M. K.-Edson Co., 64 Dey, New York
Brandeis Machinery & Supply Co., 331 W Main, Louisville, Ky.
Braunfels, Browning & Co., 1940 Park av, New York
Brierly-Lombard Co., 663 Main, Worcester, Mass.
Bronx Derrick & Tool Co. (Second Hand), 143rd & Southern blvd, New York
See adv index at end of book
Brown-Camp Hardware Co., Des Moines, Iowa
Capital Contrs' Supply Co., 230H E Ohio, Indianapolis, Ind.
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Carpenter Geo. B. & Co., 440 E Wells, Chicago, Ill.
Channon H. & Co., 339 W Randolph, Chicago, Ill.
Clark-Smith Hardware Co., Peoria, Ill.
Clyde Equipment Co., 522 1st av, Seattle, Wash.
Concrete Machy. & Supply Co., 2014 Santa Fe av, Los Angeles, Cal.

CONTRACTORS' TOOLS & SUPPLIES—c't

Connelly F. B. Co. (Mfrs. Agents), Billings, Mont.
Contractors Mchy. Exchange, 38 Stanford, San Francisco, Cal.
Contractors' Trading Co., Inc., 232 Fulton, New York
Cotton States Belting & Supply Co., Atlanta, Ga.
Craven Frank T. Co., 50 Church, New York
Crerar, Adams & Co., 259 E Erie, Chicago, Ill.
Cressman N. C. Co., Drexel bldg, Phila., Pa.
Crook H. E. Co., Inc., 28 Light Baltimore, Md.
Crowe F. T. & Co., Seattle, Wash.
Crozier R. J. Co., N American bldg, Phila., Pa.
Crumley-Sharp Hardware Co., Atlanta, Ga.
Daniels Arthur Co., 13 Park row, New York
Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.
Dehler Bros. Co., 116H E Market, Louisville, Ky.
Dienst A. P. Co., 2604 3rd av, New York
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Dooley Killian Co. Inc. (Second Hand), 26 Cortland, New York
Dunkle Arthur J. Co., 50 Church, New York
Dunning Carl Supply Co., Indianapolis, Ind.
Dyar Supply Co., Cambridge, Mass. *See adv index at end of book*
Eastern Penna. Supply Co., Wilkes-Barre, Pa.
Empire Mach. & Supply Corp., Norfolk, Va.
Equipment Mfg. & Supply Co., 26 N 5th, Phila., Pa.
Factory Supply Co., 40 E Kinzie, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fields Chas. J. & Sons, 633 Market, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fitchburg Hardware Co., Fitchburg, Mass.
Fitts F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.
Flint & Chester, 237 Lafayette, New York
Fones Bros. Hdw. Co., Little Rock, Ark.
Foster David S. Sons & Co., Utica, N. Y.
Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.
Fox Bros. & Co., 126 Lafayette, New York
Frank Henry Jr., 374 Hudson, New York
Franklin Builders Supply & Coal Co., 400 W Broad, Columbus, O.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Geller, Ward & Hasner Hardware Co., 414 N 4th, St. Louis, Mo.
Givin Herbert Co., 50 Church, New York
Gray & Dudley Hardware Co., Nashville, Tenn.
Green L. A. (Second Hand), First Natl. Bk. bldg, Pittsburgh, Pa.
Green G. S. Co., 74 Warren, New York
Haggerty J. Henry, 50 South, New York
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Harry L. C. Co., 114 Liberty, New York
Harron, Rickard & McCone, 139 Townsend, San Francisco, Cal.
Hartford Contractors Supply Co., Hartford, Conn.
Harvey Co., 113 South, Baltimore, Md.
Haverstick & Co. (Jobbers), 664 Exchange, Rochester, N. Y.
Haysler Iron Co., 1206 Union, Kansas City, Mo.
Hazleton Machinery & Supply Co., Hazleton, Pa.
Henion & Hubbell, 219 N Jefferson, Chicago, Ill.
Hermitage Hardware Co., Nashville, Tenn.
Hubbard-Floyd Co., Inc. (New & Second-hand), 90 West, New York
Hyland R H Co., 323 N Wells, Chicago, Ill.
International Ship Fittings & Supply Co., 212-214 Fulton, Brooklyn, N. Y.
Iron City Tool Works (Ltd), 3201 Smallman, Pittsburgh, Pa.
IRONBOUND HARDWARE & SUPPLY HOUSE, 228 Ferry, Newark, N. J.
Irving Mfg. & Tool Co., 157 Chambers, New York
Jamestown Hardware Co., Jamestown, N. Y.
Jewel Supply & Equipment Co., 34 So Calvert, Baltimore, Md.
Johnston Wm. T. Co. (Full Line), 3rd & Vine, Cincinnati, O.
Keiser-Van Leer Co., Bloomington, Ill.
Keith, Simmons & Co., Nashville, Tenn.
Kelley E. B. Co., Grand Central bldg., New York
Kelley-How-Thomson Co., Duluth, Minn.
Kinsey E. A. Co., 331 W 4th, Cincinnati, O.
Kirk Supply Co., Farmers' Bank bldg, Pittsburgh, Pa.
KLEINHANS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Lambert H. T. Co., Huntington, W. Va.
Lee-Colt Andreesen Hardware Co., Omaha, Neb.
Lindsay J. L., Inc., 1321 E Main, Richmond, Va.
Lines Flynn Co., 30 Church, New York
Loeb Hardware Co., Montgomery, Ala.
Lombard Iron Works & Supply Co., Augusta, Ga.
Louer W. B. & Co., 415 S Dearborn, Chicago, Ill.
Louis John C., 131 S Howard, Baltimore, Md.
LUCEY MFG. CORP., 233 B'way, New York. *For branch offices see Alphabetical Section*
McClung C. M. & Co., Knoxville, Tenn.
McCoy Henry J. (Full Line), 65 Dey, New York
McGraw Co., Sioux City, Ia.
McGregor-Noe Hardware Co, Springfield, Mo.
MACHINERY SALES CO. (Contractors' Machinery, all kinds), 327 S La Salle, Chicago, Ill. *See adv index at end of book*
McInnes Chas. E. & Co., Mariner & Merchants bldg., Phila., Pa.
Magill Hardware Co., Chattanooga, Tenn.
Males Co. (General & R. R.), 2226 Fulton av, Cincinnati, O.
Manning, Maxwell & Moore, 119 W 40th, New York
Manufacturers Selling Co., Trenton, N. J.
Marine Mfg. & Supply Co., 158 South, New York
Marsh Geo. C. & Co., Old Colony bldg, Chicago, Ill.
Marshall-Wells Co., Duluth, Minn.
Maryland Equipment & Supply Co. (Second Hand), Equitable bldg, Baltimore, Md.
Mayer Sidney E. Co., San Diego, Cal.
Mechanical Supplies Co., 220 E 3d, Cincinnati, O.
Meyer Henry H. Co., 110 S Howard, Balto, Md. *See adv index at end of book*

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Monighan Machine Co. (Hoisting Engines), 2032 Carroll av, Chicago, Ill.
Moore Bros., Crane Co., 39 S LaSalle, Chicago, Ill. *See adv index at end of book*
Moore-Handley Hardware Co., Birmingham, Ala.
Morehouse & Wells Co., Decatur, Ill.
Morton Jas. & Son Co., Omaha, Neb.
Motley Thornton N. & Co., 43 Cedar, New York
Neal B. B. Hardware Co. (Shovels, etc), 117 Leonard, New York
New York Machinery Exchange, 50 Church, New York
Northwestern Iron Works, Seattle, Wash.
O'Brien Machy. Co., 119H N 3rd, Phila, Pa.
Parsons Engng. & Mach. Corp., 18 W 34th, New York
Pattison W. M. Supply Co., 777 Rockwell av, Cleveland, O.
Penniman A. C. & Son Hardware Co., Fort Scott, Kans.
Penn Foundry & Mfg. Co., Reading, Pa.
Penn Mill & Mine Supply Co., 523 1st av, Pittsburgh, Pa.
Perrin, Seamans & Co., 57 Oliver, Boston, Mass.
Phillips Victor L., 7th & Delaware, Kansas City, Mo.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pollock Alex. Co., 203 West, New York
Queen City Supply Co., Pearl & Elm, Cincinnati, O.
READING ENGINEERING WORKS (Engines, Boilers, Motors, Hoists, Compression, etc.), 116 Washington, Reading, Pa.
Richards & Conover Hardware Co., 5th, NW cor Wyandotte, Kansas City, Mo.
Roberts Geo. I. & Bros., 471 4th av, New York
ROGERS H. A. CO., 87 Walker, New York *See adv index at end of book*
Rogers & Baldwin Hardware Co., Springfield, Mo.
Root, Neal & Co., 178 Main, Buffalo, N. Y.
Ross-Willoughby Co., 109 E Spring, Columbus, O.
Sachs Wm. A., Germantown av & Girard, Phila., Pa.
Seyfert's L. F. Sons, Inc., 437 N 3rd, Phila., Pa.
Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Shaw Willis, 80 E Jackson blvd, Chicago, Ill.
Sherbesman J. P., 375 Monadnock bldg, San Francisco, Cal.
Sherburne & Co., 53 Oliver, Boston, Mass.
Sickels & Preston Co., Davenport, Ia.
Simmons Hardware Co., 9th & Spruce, St.
Smith T. L. Co., 1151 32d, Milwaukee, Wis. *See adv index at end of book*
Smith-Courtney Co., Richmond, Va.
Smith & Sons Mfg. Co., Kansas City, Mo.
Somers, Fitler & Todd Co., 325 Water, Pittsburgh, Pa.
Southern Supply Co., Norfolk, Va.
Sprague J. P. Co., Rialto bldg, Kansas City, Mo.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Stearns Joel M., Dept. H, Greenfield, Mass.
Stocker F. W. Inc. (Second Hand), 1119 Clinton, Hoboken, N. J.
Streeter Clip & Specialty Co., 4125-27 E Ravenswood av, Chicago, Ill.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W Cleveland, O
STROUD & CO., Omaha, Neb.
Stulz-Sickles Co., 121 Lafayette, Newark, N. J.
Tenn. Mill & Mine Supply Co., Knoxville, Tenn.
Thompson W. A. L. Hardware Co., Topeka, Kan.
Todd-Donigan Iron Co., 813 W Main, Louisville, Ky.
Topping Bros. (Picks, Shovels, etc), 122 Chambers, New York
Townley Metal & Hardware Co., 2nd, S. W cor Walnut, Kansas City, Mo.
Tucker, Geo. C. Co., 53 W Jackson blvd, Chicago, Ill.
Tucker Tool & Machine Co., 75 Murray, New York
Tullis-Gamble Hardware Co., Montgomery, Ala.
Turner Chas A. (Inc), 3rd av & Chancery, Pittsburgh, Pa.
Virginia Machinery & Well Co., 1319 E Main, Richmond, Va.
Vulcan Supply Co., 120 Sycamore, Cincinnati, O.
Walbridge & Co., 392 Main, Buffalo, N. Y.
Waldo Bros. & Bond Co. (Tools & Machinery), 181 Congress, Boston, Mass.
Walsh's Sons & Co., Inc. (Second Hand), 295-305 Passaic, Newark, N. J.
Warren Tool & Forge Co., Warren, O. *See adv index at end of book*
Westbrook John D., Inc., Norfolk, Va.
Western Equipment Co., San Francisco, Cal.
Western Metal Supply Co., San Diego, Cal.
Wilkins J. D., Greensboro, N. C.
Williams W. W. Co. (& Machinery & Motor Trucks), Brunson bldg., Columbus, O.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wimberley & Thomas Hardware Co., Birmingham, Ala.
Ziegler William H., 425 S 5th, Minneapolis, Minn.

3052— Controllers (Automatic Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Decatur Pump & Mfg. Co., Decatur, Ill.
General Electric Co. (Generating Station Control), Schenectady, N. Y. *See adv index at end of book*
Monitor Controller Co., 514 E. Lombard, Baltimore, Md.
Rowan Controller Co., The, 308 No Holliday, Baltimore, Md.
U. S. Air Compressor Co., Harvard av, Cleveland, Ohio
Ward Leonard Electric Co. (Automobile, Electric Lighting & Self Starting Dynamos), Mt. Vernon, N. Y.

3052a—Controllers (Chemical Feed)

Builders Iron Foundry ("Venturi"), 89 Codding, Providence, R. I.

3053—*Controllers (Coal & Ore Bridge)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*

Controllers (Crane)

See Crane Controllers, Electric

Controllers (Draft)

See Regulators, Heat

Controllers (Drum, Electric)

See Controllers, Electric Hoist

3054—Controllers (Electric Elevator)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Automatic Switch Co. (Full Automatic & Electro Magnetic), 4 White, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Jewell Electric Co., 1423H Munsey bldg, Baltimore, Md.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Otis Elevator Co., 26th & 11th av, New York
Randall Elevator Door Control Co., 115 Mission, San Francisco, Cal.
Sterling Devices Co., 9 Lispenard, New York
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3055— Controllers (Electric Fan)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3056—*Controllers (Electric Hoist)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3057—Controllers (Electric Motor)

Allen-Bradley Co. ("Allen-Bradley"), 286 Greenfield av, Milwaukee, Wis.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Anderson C. J. & Co., 212 W Austin, Chicago, Ill.
Atlas Electric Devices Co., 128 S Clinton. Chicago, Ill.
Automatic Switch Co. (Motor Driven Elevator, Alternating & Direct), 4 White. New York
Cline Electric Mfg. Co., Fisher bldg, Chicago, Ill.
Cobb Electric Appliance Co. ("Ceaco"), Boston 30, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
D. & D. Electric Co. (For Sewing Machines), 53 W. 3d, New York
ELECTRIC CONTROLLER & MFG. Co., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., Munsey bldg., Baltimore, Md.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
National Electric Controller Co., 154 Whiting, Chicago, Ill.
New York Electric Controller, 35 Rose, New York
Rowan Controller Co., 308 N Holliday, Baltimore, Md.
Safety Car Device Co. (Safety Street Car), Boatmen's Bank bldg, St. Louis, Mo.
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
Union Electric Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Ward Leonard Elec. Co., Mt. Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (For Railway & Industrial Motors), East Pittsburgh, Pa. *See adv index at end of book*

3058— Controllers (Electric Pump)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. Co., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York *See adv index at end of book*

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SALT LAKE CITY - BOSTON BLDG.
SAN FRANCISCO - CALL BUILDING
SEATTLE - 524 1ST AVE. SOUTH
TORONTO - TRADERS BANK BLDG.

3059—Controllers (Electric Speed)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., Munsey bldg, Baltimore, Md.
Lombard Governor Co. (For Water Wheels, etc), Ashland, Mass.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
MORGAN ENGINEERING CO., Alliance, Ohio.
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
Union Electric Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3060—Controllers (Emery Wheel Speed)

Ransom Mfg. Co. ("Ransom"), Oshkosh, Wis.

3061—Controllers (Fire & Flame Automatic)

Combustion Utilities Corp., 60 Wall, New York
Weinman C. J. Co., 310 E 2d, Dayton, O.

3062— Controllers (Machine Tool)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3063—*Controllers (Magnetic Switch)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

3064—*Controllers (Mill Table)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
Louis, Mo.

3065— *Controllers (Motor)

Bethlehem Shipbuilding Corp., Ltd. (Auxiliary Surface & Main), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Ward Leonard Elec. Co., Mt. Vernon, N. Y.

3066—Controllers (Printing Press)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

Controllers (Pump)

See Governors, Pump; also Controllers, Electric Pump

3067— Controllers (Railway Motor)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3068—Controllers (Rate, for Filters, Etc.)

Builders' Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Norwood Engineering Co. ("Vivian"), Florence, Mass.
SIMPLEX VALVE & METER CO. ("Simplex"), 110 N Broad, Phila., Pa.

3069— Controllers (Rheostatic)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Monitor Controller Co., 514 E. Lombard, Baltimore, Md.
Ntal. Elec. Controller Co. ("National" Furnaces, Glue Pots & Soldering Iron), 1544 Whiting, Chicago, Ill.
Ward Leonard Elec. Co., Mt Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3070—Controllers (Switch Circuit)

Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York

3071— Controllers (Temperature)

Bristol Co. ("Bristol's Indicating"), Waterbury, Conn.
See adv index at end of book
Cobb Electric Appliance Co. ("Ceaco"), Boston 30, Mass.
FOXBORO COMPANY, THE ("Foxboro" Tempt, Recorder Controller), Foxboro, Mass.
McAlear Mfg. Co. (Hot Water), 1901 S Western, Chicago, Ill.
POWERS REGULATOR CO. (Dry Room), 2773 Greenview av, Chicago, Ill.
Thwing Instrument Co. (Automatic), 3339 Lancaster Ave., Phila., Pa.

3072—Controllers (Thermometer, Electric)

Railway Utility Co. ("Utility"), 721 Fulton, Chicago, Ill.

3073— Controllers (Vacuum)

Haines William S. & Co. ("Haines" Automatic), 12th & Buttonwood, Phila., Pa.
McAlear Mfg. Co. (Water Jet), 1901 So. Western av., Chicago, Ill.

3074— Controllers (Valve)

Beaumont Iron Works Co. ("Martin"), Beaumont, Texas.

3074a— Controls (Automobile Headlights)

Raydex, Inc., Jamestown, N. Y.
Raydex Mfg. Co., Inc., Brackenridge, Pa.

3074b— Controls-Light (For Automobiles)

Raydex, Inc., Jamestown, N. Y.
Raydex Mfg. Co., Inc., Brackenridge, Pa.

3075—Converter Bottoms (Brick)

Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Haws A. J & Sons (Ltd.), Johnstown, Pa.

3076—Converters (Bessemer)

Bretand J. V. ("Bretand"), W Gd blvd, Detroit, Mich.
Columbiana Boiler Co., Columbiana, O.
Pennsylvania Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., The, Alliance, O.
See adv index at end of book
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Stoughton Bradley (Removable Bottom), 29 W 39th, New York
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.

3077— Converters (Copper)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Colorado Iron Works Co., Denver, Colo.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

3078— Converters (Electric)

Allis-Chalmers Mfg. Co. (Rotary), Milwaukee, Wis.
Eck Dynamo & Motor Co., Belleville, N. J.
Fowler Lamp & Mfg. Co. ("Fowler" for Gas & Oil), 59 E 24th, Chicago, Ill.
General Electric Co. (Rotary), Schenectady, N. Y. *See adv index at end of book*
Union Iron Works Co. (For Copper), 20th & Michigan, San Francisco, Cal.
Wagner Electric Mfg. Co. ("Wagner" Single Phase, etc), 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO. (Rotary), East Pittsburgh, Pa.
See adv index at end of book

3079—*Converters (Frequency)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

3080— Converters (Rotary)

Advance Elec. Co., 6315 Maple, St. Louis, Mo.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bodine Elec. Co., 2254 W Ohio, Chicago, Ill.
Electric Specialty Co., Stamford, Conn.
Fidelity Elec. Co., Lancaster, Pa.
Great Lakes Elec. Mfg. Co. ("Glemco" Small 1-11 kw.), 11-17 S Desplaines, Chicago, Ill.
Ideal Elec. & Mfg. Co., Mansfield, O.
Mechanical Appliance Co., Milwaukee, Wis.
Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.
Northwestern Mfg. Co., 480 Clinton, Milwaukee, Wis.
Pan Elec. Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 550 W Harrison, Chicago, Ill., & Warren Co.
Rochester Motor Co., 609 Driving Park av, Rochester, N. Y.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
U. S. Elec. Mfg. Co., 300 S Central av, Los Angeles, Cal.
Victor Elec. Corp., 236 S Robey, Chicago, Ill.
Wagner Electric Mfg. Co. ("Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.
Wesche Electric Co., B. A., 327 E 6th, Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3081—Converters (Steel Casting)

Bayonne Steel Casting Co., Bayonne, N. J.
Exeter Machine Works ("Lilienburg"), Pittston, Pa.
Stoughton Bradley ("Seco"), 29 W 39th, New York
Tropenas Co. (Side Blown), 2243 Nostrand av, Brooklyn, N. Y.
Whiting Corp., Dept. H, Harvey, Ill.

3082—Converters (Steel, Side Blown)

Deemer Steel Casting Co. ("Deemer"), New Castle, Del.
Onondago Steel Co., Inc. (High Speed), Syracuse, N. Y.
Tropenas Converter Co., 2243 Nostrand av, Brooklyn, N. Y.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3083-4— Converters (Wire Test)

Fowler Lamp & Mfg. Co. ("Fowler" for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

Conveying Machinery

See Elevating & Conveying Machinery

Conveyor Belts

See Belting Mfrs., Conveyor

3085— Conveyor Parts (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3086— Conveyor Troughs

Alvey-Ferguson Co., 70 North av., Oakley, Cincinnati, O.

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Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hendrick Mfg. Co., Carbondale Pa.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Nelson N. P. Iron Wks, 212 40th, Brooklyn, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.

3087— Conveyor Weighers

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Merrick Scale Mfg. Co., Passaic, N. J. *See adv index at end of book*

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Conveyors (Air Pressure)

See Conveyors, Pneumatic

3088— Conveyors (Apron)

Alvey Mfg. Co., 3201H S Broadway, St. Louis, Mo.
Alvey-Ferguson Co., 70 North av., Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Chain Belt Co. (Endless), Milwaukee, Wis.
Dow Wire & Iron Works ("Dow" Steel & Wood), Louisville, Ky.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY (Steel), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nelson N. P. Iron Wks, 212 40th, Brooklyn, N. Y.
Robins Conveying Belt Co., 13 Ann, New York.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3089— Conveyors (Ash Can)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Ernst C. K. ("Ernst" for Conveying Ash Cans from Cellar to Sidewalk), Buffalo, N. Y.
Wirt Co. (Bell Cord), 5221-7 Greene Gtn., Phila., Pa.

3090—*Conveyors (Automatic Power)

Fulton Iron Works Co., St. Louis, Mo. *See adv index at end of book*
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3091—*Conveyors (Bag Filler)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 360 W 39th, Chicago, Ill. *See adv index at end of book*

3092— *Conveyors (Batch)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3093— Conveyors (Belt)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
ALVEY-FERGUSON CO., 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co., 3201 B'way, St. Louis, Mo.
American Road Machinery Co. ("Champion"), **Kennett Sq., Pa.**
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Batavia Engineering Works (Troughed), Batavia, Ill.
Beaumont R. H. Co., 319 Arch, Phila., Pa.
Bonnot Company, Canton, O.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Brown Portable Conveying Machy Co. (Portabelt) (portable), 10 S La Salle, Chicago, Ill.
Buchanan C. G. Co., 90 West, New York
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Chicago Conveyor Co., 2416 W 22d, Chicago, Ill.
Conveying Weigher Co. (Ball Bearing), 90 West, New York
DODGE SALES & ENGINEERING CO. (all types conveyors), Mishawaka, Ind.
Dow Wire & Iron Wks., Louisville, Ky.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Farnham Mfg. Co., 39 Indiana, Buffalo, **N. Y.**
Freeman H. C. & Co. (Mfrs. Agts.), 141 Milk, Boston, Mass.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
Hettrick Mfg. Co., Toledo, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*
LAMSON CO. (for Carrying Money, Mail & Merchandise of every description), 100 Boylston, Boston, Mass.
La Porte Mat. & Mfg. Co. ("Hercules" Flexible Steel), La Porte, Ind.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co. cor. Prescott & Orleans, East Boston, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Portable Machy. Co., Inc., Passaic, N. J.
Pyott Co., 1401 W North av, Chcago, Ill.
Robins Conveying Belt Co., 13 Ann, New York.
Savage W. J. Co., Knoxville, Tenn.
Specialty Engineering Co. (Portable), Trenton & Allegheny, Phila., Pa.
Standard Store Service, Inc., Hartford, Conn.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Strong Homer, Rochester, N. Y.
United Iron Works Co. Inc., Kansas City, Mo.
Universal Tube Co., 321 Ohio, Chicago, Ill.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago Ill.
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

3094— Conveyors (Bottle)

Jeffrey Mfg. Co. (Dairy), 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3094a—*Conveyors (Bread)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Jeffrey Mfg. C., 961 N 4th, Clumbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.

3095—Conveyors (Brick & Clay)

Allis-Chalmers Mfg. Co. (Clay), Milwaukee, Wis.
Alvey-Ferguson Co., 76 North av, Oakley **Cincinnati, O.**
Alvey Mfg. Co. (Gravity Brick Carriers) 3201 S. B'way, St. Louis, Mo.
American Clay Machinery Co., S Walnut, Bucyrus, O. *See adv index at end of book*
Arnold-Creager Co., New London, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bonnot Co. (& Clay Elevators), Canton, O.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Bradney Machine Co., Inc., Middletown, N. Y.
Caldwell W. E. Co. (Clay), Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Chambers Bros. Co. (Clay), 52d bel. Lancaster av, Phila., Pa.
Chicago Conveyor Co., 2416 W 22nd, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, **N. Y.**
Fate-Root-Heath Co., Plymouth, O.
Godfrey Conveyor Co. ("Godfrey"), Elkhart, Ind.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Hunt C. W. Co (Clay), West New Brighton, N. Y. *See adv index at end of book*
Industrial Supply Co., Keokuk, Ia.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
Leary W. J. Mfg. Co., 411 Rhode Island, Buffalo, N. Y.
LINK-BELT COMPANY, 300 W 39th Chicago, Ill. *See adv index at end of book*
Mathews Gravity Carrier Co. (Gravity Brick Carriers), Elwood City, Pa.
Portable Machy. Co., Inc., Passaic, N. J.
Robins Conveying Belt Co., 13 Ann, New York
Standard Conveyor Co. (Ball Bearing Gravity), St. Paul, Minn.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellington Machine Co., Wellington, Ohio

3096— *Conveyors (Bridge)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3097— Conveyors (Bucket)

See also Elevators, Bucket

Alvey Mfg. Co., 3201 H. S. Broadway, St. Louis, Mo.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
JEFFREY MFG. CO. (Pivoted), 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*
Lamson Co., 100 Boylston, Booston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Conveyors (Cable)

See Conveyors, Wire Cable; also Tramways Wire Rope

3098— Conveyors (Canners')

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, **N. Y.**
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Robins Conveying Belt Co., 13 Ann, New York
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3099— Conveyors (Cement)

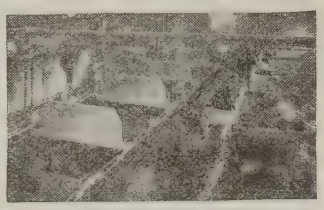
Hydraulic Steelcraft Co., Cleveland, Ohio
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Robins Conveying Belt Co., 13 Ann, New York

3100— Conveyors (Chain)

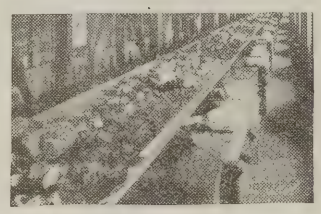
ALVEY-FERGUSON CO., 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, **N. Y.**
Garland M. Co. (Steel Chain), Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kans.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth Columbus, O. *See adv index at end of book*
Koehler Bros., Saginaw, Mich.
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mey Chain Belt Co., Buffalo, N. Y.
Nelson N. P. Iron Wks., 212 40th Brooklyn, N. Y.
Robins Conveying Belt Co., 13 Ann, New York
Savage W. J. Co., Knoxville, Tenn.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
United Iron Works Co. Inc., Kansas City, Mo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

3101—Conveyors (Cinder Pit)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*



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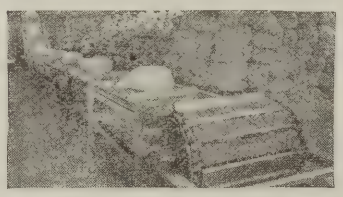
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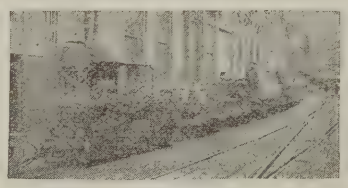
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Robertson Wm. & Co. ("Robertson," Pneumatic for Railroads), 20 W Jackson blvd, Chicago, Ill.

Conveyors (Clay)

See Conveyors, Brick & Clay

3102— Conveyors (Clinker)

JEFFREY MFG. CO., (& Cinders), 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY, 300 W 39th Chicago, Ill. *See adv index at end of book*

Robins Conveying Belt Co., 13 Ann, New York

3103-4—Conveyors (Coal & Ash Handling)

See also Coal & Ore Handling Machinery

Acme Road Machy. Co., Frankfort, N. Y.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

ALVEY-FERGUSON CO., 70 North av, Oakley, Cincinnatti, O.

American Steam Conveyor Corpn. (Steam Jet Ash Conveyors), 326 W Madison, Chicago, Ill.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Barber-Greene Co. ("B-G"), Dept. H, Aurora, Ill.

BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*

Batavia Engineering Works, Batavia, Ill.

Beaumont R. H. Co., 319 Arch, Phila, Pa.

Boston Belting Corp., 84 Linden Park st, Boston, Mass.

Brady Jas. A. Fdry. Co. (Steam Jet), 35th & Ashland av, Chicago, Ill.

Brady Jas. A. Fdry. Co., 45th & Western blvd, Chicago, Ill.

Calumet Iron Wks. (Structural Steel Work), 3 Hyatt, Newark, N. J.

Chain Belt Co., Milwaukee, Wis.

Chicago Conveyor Co., 2416 W 22nd, Chicago, Ill.

DePere Mfg. Co., West DePere, Wis.

Dow Wire & Iron Works ("Dow" Conveyors & Steel Car Bunkers for Power Plants), Louisville, Ky.

Ernst Chas K., Buffalo, N. Y.

Exeter Machine Works, Pittston, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Finch Mfg. Co., Scranton, Pa.

GIFFORD-WOOD CO., Hudson, N. Y.

Girtanner-Daviess Engineering & Contracting Co. (Vacuum, Ash Removal System), Chemical bldg, St. Louis, Mo.

Godfrey Conveyor Co. ("Godfrey"), Elkhart, Ind.

Helmick Fdry & Machine Co., Fairmont, W. Va.

Hettrick Mfg. Co., Toledo, O.

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

HUNT C. W. C. INC., West New Brighton, N. Y. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Joy Arcade Co., Union Arcade, Pittsburgh, Pa.

Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

McLanahan-Stone Mach. Co., Hollidaysburg, Pa.

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.

Nelson N. P. Iron Wks, 212 40th, Brooklyn, N. Y.

Northern Engineering Works, 210 Chene, Detroit, Mich.

Pangborn Corp., Hagerstown, Md.

Parson Mfg. Co. (Pneumatic for Ashes), 35 Nassau, New York

Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.

Prox Frank Co., Terre Haute, Ind.

Robins Conveying Belt Co., 13 Ann, New York

Roots P. H. & F. M. Co., Connersville, Ind.

Savage W. J. Co., Knoxville, Tenn.

Sharp Rotary Ash Receiver Co. (Ash Handling), Binghamton, N. Y.

Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.

Spokane Culvert & Tank Co., Spokane, Wash.

Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

Tamaqua Mfg. Co. (For Coal Mining, etc), Tamaqua, Pa.

Vacuum Ash & Soot Conveyor Co. ("Vasco" Ash), Wilson av, Newark, N. J.

Vulcan Iron Works, Wilkes-Barre, Pa.

WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Conveyors (Concrete)

See Conveyors, Cement

3105—Conveyors (Corn & Cob)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

Portable Machy. Co., Inc., Passaic, N. J.

Robinson Mfg. Co., Muncy, Pa.

Sprout, Waldron & Co., Muncy, Pa.

3106—Conveyors (Cotton & Wool)

Buffalo Forge Co., 490 B'way, Buffalo, N. Y.

Lamson Co., 100 Boylston, Boston, Mass.

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

Sturtevant B. F. Co. ("Sturtevant" Pneumatic), 15 Damon, Hyde Park, Boston, Mass.

3107— Conveyors (Drag)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

Beaumont R. H. Co., Drexel bldg, Phila., Pa.

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*

Lamson Co., 100 Boylston, Boston, Mass.

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

Robins Conveying Belt Co., 13 Ann, New York

3108— *Conveyors (Dredge)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Conveyors (Feed, Litter, Etc.)

See Carriers, Feed & Litter

3109— Conveyors (Fertilizer)

Alvey-Ferguson Co., 70 North av, Cincinnati, O.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

Portable Machy. Co., Passaic, N. J.

Robins Conveying Belt Co., 13 Ann, New York

3110— Conveyors (Flight)

Beaumont R. H. Co., Drexel bldg., Phila., Pa.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

Conveyors (Flour)

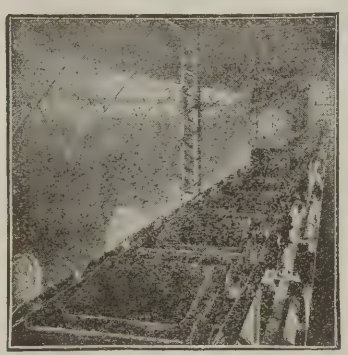
See Conveyors, Grain Elevator

3111— Conveyors (Freight)

BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

3112—Conveyors (Grain Elevator)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co, Mishawaka, Ind.
Dow Wire & Iron Works ("Dow"), Louisville, Ky.
Essmueller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Great Western Mfg. Co., Leavenworth, Kans.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*
Mathews Gravity Carrier Co., Elwood City, Pa.
Moore Geo. W. Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Robins Conveying Belt Co., 13 Ann, New York
Robinson Mfg. Co., Muncy, Pa.
Smith, Philip Mfg. Co., Sidney, O.
Sprout, Waldron & Co., Muncy, Pa.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
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Wolf Co., Chambersburg, Pa.

Conveyors (Gravel & Sand)

See Conveyors, Coal & Ash Handling

3113— Conveyors (Gravity)

ALVEY-FERGUSON CO. (For Boxes, Barrels, Crates, etc), 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.
Chicago Conveyor Co., 2416 W 22d, Chicago, Ill.
Dow Wire & Iron Works, Louisville, Ky.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Haslett Spiral Chute Co., 510-12 N. 61st Phila., Pa. *See adv index at end of book*
LAMSON CO., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY ("Link-Belt" Discharge Elevator Conveyor), 300 W 39th, Chicago, Ill.
See adv index at end of book
Mathews Gravity Carrier Co., Ellwood City, Pa.
Mead-Morrison Mfg. Co. ("McCaslin" Bucket), cor Prescott & Orleans, East Boston, Mass
Otis Elevator Co. (Spiral), 26th & 11th av, New York
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Portable Machy. Co., Inc., Passaic, N. J.
Rownson, Drew & Clydesdale, Inc., 80 Wall, New York.
San Francisco Mill Furnishing Co., 521 7th, San Francisco, Cal.
Standard Conveyor Co. (Ball Bearing, also Portable on Casters), N St. Paul, Minn.

3114—Conveyors (Gravity Roll)

Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa., *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY 300 W 39th Chicago, Ill. *See adv index at end of book*

3115—Conveyors (Gravity, Spiral)

Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.
ALVEY-FERGUSON CO., 70 North av, Oakley, Cincinnati, O.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa., *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
Lowerator Co., 110 W 40th, New York
Mathews Gravity Carrier Co., Ellwood City, Pa.
Otis Elevator Co., 11th av & 26th, New York
Standard Conveyor Co. (Ball Bearing, **also Portable on Casters), N St. Paul,** Minn.

3116— Conveyors (Hot Coke)

Beaumont R. H. Co., Drexel bldg., Phila., Pa.
Isbell-Porter Co., 46 Bridge, Newark, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book

3117-8— Conveyors (Hot Metal)

BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Robins Conveying Belt Co., 13 Ann, New York

Conveyors (Ice)

See Ice Handling Machinery

Conveyors (Limestone)

See Conveyors, Rock & Ore

3119— Conveyors (Link Belt)

Caldwell W. E. Co., Louisville, Ky.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mey Chain Belt Co., Buffalo, N. Y.
Nelson N. P. Iron Wks, 212 40th, Brooklyn, N. Y.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3120—Conveyors (Log & Lumber)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Chain Belt Co., Milwaukee, Wis.
Chicago Conveyor Co., 2416 W 22d, Chicago, Ill.
Diamond Iron Works (Log), 2d & 18th av, N. Minneapolis, Minn.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Godfrey Conveyor Co. ("Godfrey"), Elkhart, Ind.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Koehler Bros., Saginaw, Mich.
Lamson Co., 100 Boylston, Boston, Mass.
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

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Standard Conveyor Co. (Gravity Ball Bearing), N St. Paul, Minn
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wheland Company, Chattanooga, Tenn.

Conveyors (Lumber & Shingle)

See Conveyors, Log & Lumber

3121—*Conveyors (Mechanical)

HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Conveyors (Merchandise)

See Carriers, Merchandise

3122— Conveyors (Molding Sand)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Robins Conveying Belt Co., 13 Ann, New York

3123— Conveyors (Newspaper)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co. (For Automatically **Carrying Newspapers from the Press to Mailing er Delivery Department), 100 Boylston,** Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3124— Conveyors (Pan)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Caldwell H. W. & Son Co. ("Caldwell" Traveling, etc.), 17th & Western av, **Chicago, Ill.**
Chain Belt Co., Milwaukee, Wis.
Clark W. J. Co., Salem, O.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mey Chain Belt Co., Buffalo, N. Y.
Robins Conveying Belt Co., 13 Ann, New York
Savage W. J. Co., Knoxville, Tenn.
Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3125— *Conveyors (Pipe)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3126-7—Conveyors (Pneumatic)

Allen Engineering & Mfg. Co., Savannah, Ga.
Barber-Greene Co. ("B. G."), Dept. H, Aurora, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Green Fuel Economizer Co., Beacon, N. Y.
Schnitzler Chas. H., 215 N 2d, Phila., Pa.

3126—Conveyors (Pneumatic)

Allington & Curtis Mfg. Co. (For Shavings & Saw Dust), Saginaw, Mich.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
LAMSON CO. (for Money, Mail and Merchandise), 100 Boylston, Boston, Mass.
Parson Mfg. Co. (For Ashes, etc.), 35 Nassau, New York
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

3128— Conveyors (Portable)

Acme Road Machinery Co., Frankfort, N. Y.
Alvey Mfg. Co. (Adjustable Belt), 3201H S Broadway, St. Louis, Mo.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Barber-Greene Co., Aurora, Ill.
Brown Portable Conveying Machinery Co., 10 S La Salle, Chicago, Ill.
Chicago Conveyor Co., 2416 W 22d, Chicago, Ill.
Dobbie Foundry & Machine Co. (Incline Railroad), **Niagara Falls, N. Y.**
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Phila., Pa. *See adv index at end of book*
McKinney-Harrington Co., No Chicago, Ill.
Nelson N. P. Iron Wks, 212 40th, Brooklyn, N. Y.
Portable Machy. Co., Inc., Passaic, N. J.

3129—Conveyors (Ribbon Scroll)

American Tool & Machine Co. (Steel, Brass or Copper for Sugar & Chemicals), 10 High, Boston, Mass.
Hassell Iron Works Co., Colorado Springs, Col.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

3130—Conveyors (Rock & Ore)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta. Ga.
Barber-Greene Co. ("B. G."), Dept. H, Aurora, Ill.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Colorado Iron Works Co., Denver, Colo.
Exeter Machine Works, Pittston, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Godfrey Conveyor Co. ("Godfrey"), Elkhart, Ind.
Hammond Mfg. Co., Kamm bldg, Portland. Ore.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Portable Machy. Co., Inc., Passaic, N. J.
Robins Conveying Belt Co., 13 Ann, New York
Savage W. J. Co., Knoxville, Tenn.
Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3131—Conveyors (Rolling Mill)

Chain Belt Co., Milwaukee, Wis.
Garrison A Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heyl & Patterson (Bar, Billet & Slab, etc), 51 Water, Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morgan Construction Co., Worcester, Mass.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

3132— Conveyors (Rubber Belt)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Beaumont R. H. Co., Drexel bldg, Phila., Pa.
JEFFREY MFG. CO., ("Jeffrey" "Century"), 961 N Fourth, Columbus, O.
See adv index at end of book
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Portable Machy. Co., Inc., Passaic, N. J.

3133— Conveyors (Saw Dust)

Allington & Curtis Mfg. Co. (Pneumatic), Saginaw, Mich.
Alvey-Ferguson Co., 70 North av, Oakley, **Cincinnati, O.**
Bailey-Barruss Mfg. Co., Atlanta, Ga.
Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Caldwell W. E. Co., Louisville, Ky.
Casey-Hedges Co., Chattanooga, Tenn.
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Garland M. Co., Bay City, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
Koehler Bros., Saginaw, Mich.
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lyon Iron Works, Greene, N. Y.
Memphis Machine Works, Memphis, Tenn.
Peglar Machinery Co., Chattanooga, Tenn.
Robins Conveying Belt Co., 13 Ann, New York
Savage W. J. Co., Knoxville, Tenn.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Taylor Iron Wks. & Supply Co., Macon, Ga.
Tomahawk Steel & Iron Works, Tomahawk, Wis.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Conveyors (Sawmill)

See Conveyors, Log & Lumber

3134— Conveyors (Scraper)

Bartlett C. O. & Snow Co., French, Cleveland, O.
See adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

3135— Conveyors (Screw)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
NAZARETH FOUNDRY & MACHINE CO., Nazareth, Pa.; 106 Front, New York
Robins Conveying Belt Co., 13 Ann, New York

3136— Conveyors (Slab & Billet)

Allis-Chalmers Mfg. Co. (Slab), Milwaukee, Wis.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

3137— Conveyors (Spiral)

See also Conveyors, Gravity Spiral

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co. (Steel), Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Haslett Spiral Chute Co., 510-12 N 61st, Phila., Pa. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Moore Geo. W. Co., 2144 W Fulton, Chicago, Ill.
Pratt Engineering & Machine Co., Atlanta, Ga.
Robins Conveying Belt Co., 13 Ann, New York
Spiral Conveyor Co., 1610 S Rockwell, Chicago, Ill.
Sprout Waldron & Co., Muncy, Pa.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

3138— Conveyors (Suction)

Dempcy-Degener Co. (Dealer), 708 Penn av, Pittsburgh, Pa.

3138a—Conveyors (Sugar Mill)

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

3139—Conveyors (Wire Cable)

See also Wire Rope Tramways

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bartlett A. F. & Co., Saginaw, Mich.
Chain Belt Co., Milwaukee, Wis.
CLYDE IRON WORKS, SALES CO., Duluth, Minn. *See adv index at end of book*
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Garland M. Co., Bay City, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.
Savage W. J. Co., Knoxville, Tenn.
Standard Store Service, Inc. (For Factory & Post Office), Hartford, Conn.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

3140— Cookers (Apple Butter)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Harris Arthur & Co. (Steam), 212 N Curtis, Chicago, Ill.
See adv index at end of book
Hydraulic Press Mfg. Co. (Steam), Mt. Gilead, O.

Cookers (Cottonseed & Linseed)

See Cottonseed Oil Machinery

3141— Cookers (Feed)

Bovee Furnace Works, Waterloo, Ia.
Champion Milk Cooler Co., Cortland, N. Y.
Donaldson Bros., Mount Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Empire Mfg. Co. ("Farmer's Handy"), Quincy, Ill.
Freeland B. F. Sons Co. ("Quick Meal"), Sturgis, Mich.
Freeland Steel Tank Co., Portage, Wis.
Greenville Implement Co., Greenville, Mich.
Heesen Bros. Co., Tecumseh, Mich.
Heller-Aller Co, ("National"), Napoleon, O.
Howell R. R. & Co. ("Minneapolis"), 31st av, Minneapolis, Minn.
Illinois Mfg. & Supply Co., Quincy, Ill.
Kelly Foundry & Machine Co. ("Victor," "Goshen," "American"), Goshen, Ind.
Lehr Agricultural Co., Fremont, O.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
Niles Steel Tank Co., Niles, Mich.
Pioneer Mfg. Co., Middlebury, Ind.
Rippley Mfg. & Steel Boat Co. (Steam), Grafton, Ill.
Sperry D. R. & Co., Batavia, Ill.
Star Tank Co. ("Ideal" & "Winner"), Goshen, Ind.
Swift Mfg. Co. ("Swift"), Waterloo, Ia.
Treaty Co. ("Rex"), Greenville, O.
Vermont Farm Machine Co. ("Eureka"), Bellows Falls, Vt.
Wagner Mfg. Co. ("Wagner Ware"), Sidney, Ohio
Wehrle Co., Newark, O.
Wisconsin Foundry & Machine Co., Madison, Wis.

3142— Cookers (Fireless)

Caloric Co. ("Caloric"), Janesville, Wis.
Campbell Manson & Sons Co., Ltd., 45 Federal, Detroit, Mich.
Campbell Wm. Co. ("Rapid"), 160 Merritt, Detroit, Mich.
Cleveland Natural Gas Supply Co. ("Erie," "Euclid"), 222 High, Cleveland, O.
Diller Mfg. Co. ("Thermatic"), Bluffton, O.
Durham Mfg. Co. ("Duplex"), Muncie, Ind.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Grand Rapids Hand Screw Co. "Bakorost"), Grand Rapids, Mich.
Household Equipment Co. ("Sears Perfect"), 171 27th av, S. E., Minneapolis, Minn.
Illinois Mfg. & Supply Co., Quincy, Ill.
National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.

Rathbone, Sard & Co. ("Acorn"), Albany, N. Y.
Seely Frances A. Co. ("Seely Sanitary" for Institutions, "Seely Fasco" for Families), 5735 Harper av, Chicago, Ill.
Stephens Mfg. Co. ("Hygienic"), 67 Carroll, Buffalo, N. Y.
Toledo Cooker Co. ("Ideal"), Toledo, Ohio

3143-44— Cookers (Fish)

American Process Co., 68 William, New York
Renneburg E. & Sons Co., 2639 Boston & Lakewood, Baltimore, Md.

Cookers (Meal)

See Heaters or Cookers, Meal

3145— Cookers (Steam)

Bramhall-Deane Co., 261 W 36th, New York
Buzzini Walter J., 505 W 21st st, New York
Central Stamping Co., 174 Fulton, New York
Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
Chicago Novelty Co, 1314 Clybourne av, Chicago, Ill
Clad Victor V. Co., 217-219 S 11th, Phila., Pa.
McAleer E J. & Co., 1422 N 8th, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York
Republic, Metalware Co., The ("Savory"), Buffalo, N. Y
Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 W Conway, Baltimore, Md.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Western Tin & Japan Mfg. Co. ("Challenge"), 1013 Walnut, Cincinnati, O.
Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

3146—Cookers (Tomato Pulp & Catsup)

U. S. Bottlers' Machinery Co. ("Fields," "U. S."), 2511 Park, Chicago, Ill.

3147— Cooking Apparatus

Aluminum Cooking Utensil Co. ("Wear Ever"), New Kensington, Pa.
Aluminum Goods Mfg. Co. (Kitchen Specialties), Manitowoc, Wis.
Bangs Jno. D. & Co., 421 S Wabash av, Chicago, Ill.
Barth L. & Son (Dirs.), Cooper Sq., New York
Blickman S. (Steam Tables), 199 Lafayette, New York
Blodgett G. S. Co., Burlington, Vt.
Born Steel Range Co., 3945 W 25th, Cleveland, O.
Bramhall, Deane Co., 261 W 36th, New York
Bucyrus Copper Kettle Wks. (Copper), Bucyrus, O.
Budde & Westermann, 7th av & 29th, New York
Burg E. F. Co. (Hotel Supplies), 224 W 1st, Duluth, Minn.
Buzzini Walter J., 505 W 21st, New York
Carpenter Cyrus & Co., 177 Massachusetts av, Boston, Mass.
Clad Victor V. Co., 217-219 S 11th, Phila., Pa.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Dold-Walls Co., 417 Commerce, Phila., Pa.
Dougherty W. F. & Sons, 925 Arch, Phila., Pa.
Duparquet, Hout & Moneuse Co., 110 W 22d, New York
Fuller & Warren Co. (French Cooking), Troy, N. Y.
Globe Stove & Range Co., Kokomo, Ind.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Illinois Pure Aluminum Co. (Hotel Utensils), Lemont, Ill.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Ingram W. H., 106 N 3d, Phila., Pa.
Janows-Kramer Range Co. (Restaurant), 640 W Randolph, Chicago, Ill.
Joesting & Schilling Co. (Hotel Supplies), 379 Sibley, St. Paul, Minn.
Kieffer Bros., Syracuse, N. Y.
Kronman E., 248 Lafayette, New York
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Malleable Steel Range Mfg. Co., (Steam Tables, etc), South Bend, Ind.
Mangrum & Otter, 561 Mission, San Francisco, Cal.
Miller A. G. (Coffee Urns), 108 Centre, New York
Miller. Wm. Range & Furnace Co., 125 E 5th, Cincinnati, O.
Montague Range & Furnace Co. (Hotel & Restaurant), 826 Mission, San Francisco, Cal.
Morandi-Proctor Co., 86 Washington, Boston, Mass.
New York French Range Co., 188 Chambers, New York
Pick Albert & Co. (Hotel Ranges), 212 W Randolph, Chicago, Ill.
Ray Geo. A. Mfg. Co. (Steam Tables), Buffalo, N. Y.
Richardson & Boynton Co., 31 W 31st, New York
Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
RUDMAN & SCOFIELD, 277 Pearl, New York
Russ Co. (Steam Tables), 5700 Walworth av, Cleveland, O.
Sexton S. B. Stove & Mfg. Co., 500 W Conway, Baltimore, Md.
Sheppard Isaac A. & Co., Harrison bldg, Phila., Pa.
Stearnes Co. 133 W Lake av, Chicago, Ill.
Steinmetz Janney & Co. (Seamless Steel), 1421 Chestnut, Phila., Pa.
Traub W. F. Range Co., 231 W Superior, Chicago, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
Universal Milking Mach. Co., H, Michigan av, Columbus, Ohio
Van John Range Co., 5th & B'way, Cincinnati, O.
Wagner Mfg. Co. ("Wagner" Cast Iron & Cast Aluminum), Dept. H, Sidney, Ohio
Watkins Jas. Y. & Son (Bakers' Ranges), 20 Catherine, New York
Webb Elisha & Son Co. (Marine, also Lighting Apparatus), 136 S Front, Phila, Pa.
Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av. St. Louis. Mo.

3148—Cooking Apparatus (Electric)

Allmur Mfg. Co., Janesville, Wis.
American Electrical Heater Co. (Heaters, Grills, etc.), Burroughs & Woodward, Detroit, Mich.
Bibb B. C. Stove Co. ("Tuxedo," "Hartford," "Improved Maryland," "Witmer," "Caroline," "Ellicott," "Bolton," "Calvert," "Cecil," "Avalon," "Arcadia," "Glymont," "Athol," "Elgin," "Oriole," "Improved Daisy," "Improved Mirror" Ranges), 109 Light, Baltimore, Md.
Bennington Scale Co., Bennington, Vt.
Berkeley Electric Cooker Co., Berkeley, Cal.
Blickman, Isidor (Steam Tables), 479 First av, New York
Buzzini Walter J., 505 W 21st, New York
Caloric Co., Janesville, Wis.
Clifford L. L. & Co., Marion, Ind.
Copeman Electric Stove Co., Flint, Mich.
Crystal Percolator Co., 44 E 23d, New York
Despatch Mfg. Co., 120 1st av, N Minneapolis, Minn.
Edison Elec. Applicance Co., Inc. (Hotpoint Div), 5600 W Taylor, Chicago, Ill.
Edison Elec. Appliance Co., Inc., 5660 W Taylor, Chicago, Ill.
Elec. Spec. Co. (Toasters & Irons), Benton Harbor, Mich.
Estate Stove Co. (Ovens), Hamilton, O.
Farad Elec. Co., Engineers' bldg, Cleveland, O.
Globe Stove & Range Co., Kokomo, Ind.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hart, Wm. (Bakers & Confectioners), 34 Catherine, New York
Hoskins Mfg. Co. (Electric Toasters), 453 Lawton, Detroit, Mich.
Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago, Ill.
Industrial Elect. Mfg. Co., 139 Beaubien, Detroit, Mich.
International Instrument Co. (Electric Ovens), Cambridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lindstrom-Smith Co. (Grills), 3212 W Lake, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Manning-Bowman & Co., Pratt, Meriden, Conn.
Michigan Stove Co., Jeffersen av & Adair, Detroit, Mich.
National Elec. Co., 140 W Austin av, Chicago, Ill.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Phelps Mfg. Co. (Electric Toasters), 49 W Larned, Detroit, Mich.
Pick Albert & Co. (Hotel Ranges), 212 W Randolph, Chicago, Ill.
Pittsburgh Elec. Spec. Co. (Toaster Disc Stoves), Ross & 1st av, Pittsburgh, Pa.
Presto Elec. Co., 51 2nd, San Francisco, Cal.
Rathbone Sard Co., Albany, N. Y.
Reliance Elec. Htg. Co., Columbia, Pa.
Rochester Stamping Co., Rochester, N. Y.
Russell Elect. Co. ("Hold Heet" Grills), 140 W Austin, Chicago, Ill.
Rutenber Elec. Co., Marion, Ind.
Ruvio Elec. Co., 50 Broad, New York
S. P. Stove Co., Wilmette, Ill.
Scientific Products Co., Steubenville, O.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Standard Elec. Nov. Co., 730 W Randolph, Chicago, Ill.
Standard Elec. Stove Co., 1720 N 12th, Toledo, O.
Stoneware Elec. Stove Wks., Dover, N. J.
Waage Elec. Co. (Toast Stoves & Percolators), 12 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White-Stokes Co., 3615 Jasper pl, Chicago, Ill.

3149—Cooking Apparatus (Gas)

Blodgett G. S. Co., Burlington, Vt.
Buzzini Walter J., 505 W 21st, New York
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Fuller & Warren, Troy, N. Y.
Meek Oven Mfg. Co., Newburyport, Mass.

3149a—Cooking Utensils (China)

Acid Proof Iron Products Co., Inc., 49 Herman, Newark, N. J.
Bethlehem Foundry & Machinery Co., Bethlehem, Pa.
Buffalo Forge Co., Buffalo, N. Y.
Buffalo Foundry & Machine Co. (Sulphurous), Buffalo, N. Y.
See adv index at end of book
Duriron Casting Co., 90 West, New York
General Ceramics Co., 50 Church, New York
Knght Maurice A., Akron, O.
Thermal Syndicate, Lt., 59 E 41st, New York

3149b— Coolers (Acid)

Ohio Pottery Co. ("Ohio"), Zanesville, O.

3150— Coolers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
GRISCOM-RUSSELL CO. ("Multiwhirl"), 92 West, New York
See adv index at end of book
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Zellweger J & Sons, St. Louis, Mo.

3151— Coolers (Ammonia)

ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.

3152— Coolers (Beer)

ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Baer A. S. & Son (Imp), 106 Wall, New York
Berner H. D. & Winterbauer Co., 380 Lafayette, New York
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.
Hall Amos H. & Sons, 2915 N 2d, Phila., Pa.
Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
Ott Geo. F. Co., 209 Buttonwood, Phila., Pa.
Roos' August Sons, 429 E 91st, New York
Strater Herman & Sons, 74 Sudbury, Boston, Mass.

3153— Coolers (Brine)

Arctic Ice Machine Co., Canton, O.
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Baker Ice Machine Co., Omaha, Neb.
Carbondale Machine Co., Carbondale, Pa.
Triumph Elec. Co. (Shell Type & Double Pipe), H, Oakley, Cincinnati, Ohio
Triumph Ice Machine Co. (Shell), Oakley, Cincinnati, O.
Vogt Henry Machine Co. Inc., Louisville, Ky.
York Mfg. Co., York, Pa.

3154-5— Coolers (Candy)

Collum Mfg. Co., Hartford, Conn.

3156—Coolers (Circulating Water)

Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Devine J. P. Co., Buffalo, N. Y.

3157— Coolers (Clinker)

Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2nd & Luzerne, Phila., Pa.
Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.

COOLERS (CLINKER)—continued

Stearns-Roger Mfg. Co. (Cement Clinker, etc), Denver, Colo.

Treadwell Construction Co., Midland, Pa.
See adv index at end of book

3158—Coolers (Cottonseed & Linseed Cake)

French Oil Mill Mach'y Co., Piqua, O.

Paducah Cooperage Co. (Tight Staves & Heading), Paducah, Ky.

Coolers (Disc)

See Stoneware, Chemical

3158a— Coolers (Generator)

Braemer Air Conditioning Corp., Lafayette bldg, Phila., Pa.

Carrier Engng. Corp., 39 Cortlandt, New York

Fleisher W. L. & Co., Inc., 31 Union sq, W. New York

3158b—Coolers (Glass Enameled)

Elyria Enameled Products Co., Elyria, O.

Pfandler Co., Cutler bldg, Rochester, N. Y.

3159— Coolers (Lard)

Black-Clawson Co., Hamilton, O.

Devine J. P. Co., Buffalo, N. Y.

Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.

3160— Coolers (Lead)

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.

Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

3161— Coolers (Meal)

Nordyke & Marmon Co., Kentuck av & Morris, Indianapolis, Ind.

3162—Coolers (Milk & Cream)

Atlas Copper & Brass Mfg Co. 2734 High, Chicago, Ill.
See adv index at end of book

Burrell D. H. & Co. ("Simplex" Internal Tube & Surface Coolers), Little Falls, N. Y.

Champion Milk Cooler Co., Cortland, N. Y.

Cordley & Hayes ("C. & H."), 7 Leonard, New York

Davis-Watkins Dairymen's Mfg. Co. (Open & Internal), North Chicago, Ill.

Lewis Mfg. Co. ("Perfection" Aerators), Cortland, N. Y.

Reid A H. Creamery & Dairy Supply Co. (Tubular, Expansion & Cooler & Aerator), 69th & Haverford, Phila., Pa.

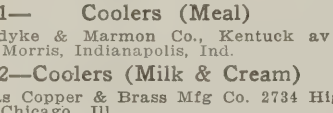
Skidd Chas. Mfg. Co. ("Chilly King"), Kenosha, Wis.

Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.

3163— Coolers (Oil)

GRISCOM-RUSSELL CO. ("Multiwhirl"), 92 West, New York
See adv index at end of book

MULTIWHIRL COOLER

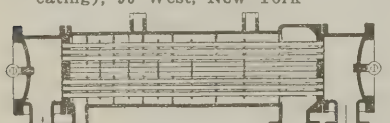


Designed for cooling of lubricating oil for turbine bearings, reduction gears, oil used in the heat treatment of steel, and for many other applications such as liquid to liquid heat exchangers, etc.



THE
GRISCOM-RUSSELL CO.
92 West Street New York

Row & Davis Engineers, Inc. (Lubricating), 90 West, New York



Straight Tube Design. Maximum heat transfer per sq. ft. surface. Minimum pressure loss. Fifteen standard sizes. *Catalog 12-C.*

Schutte & Koerting Co., 1251 North 12th Street, Philadelphia, Pa.

SCHUTTE & KOETING CO. ("S. & K." Film), 1251 N 12th, Philadelphia, Pa.
See adv index at end of book

3164— Coolers (Ore)

Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

Stearns-Rogers Mfg. Co. ("Baker"), Denver, Colo.

Walker Mfg. Co., Denver, Colo.

3165— Coolers (Rotary)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Reeves Bros. Co. (The), Alliance, Ohio
See adv index at end of book

United Iron Wks., Inc., Kansas City, Mo.

3166— Coolers (Water)

Aldrich Mfg. Co., Buffalo, N. Y.

Allen Filter Co., Toledo, Ohio

Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.

Boston Filter Co. ("Boston"), Chelsea, Mass.

Blaw-Knox Co., Freeport rd, Hoboken, N. J.

Buffalo Mfg. Co. ("Jewett," "New Era"), Buffalo, N. Y.

Central Stamping Co. ("Puritan"), 172 Fulton, New York

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.

Cooling Tower Co., Inc., 15 John, New York

Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.

Cordley & Hayes ("Fibrotta," "XX Century" Fibre Ware), 7 Leonard, New York

Dover Stamping & Mfg. Co. (Galvanized Tank & "Dover" Wood Jacket), Cambridge, Mass.

Dressel Railway Lamp Works (For Locomotive or Railway Use, with Handle Attached), 3860 Park av, New York

Everson Filter Co. ("Everson," "Giant," "Eskimo," "Queen," "King"), 70 W Lake, Chicago, Ill.

Fearless Dish Washer Co. ("Barron"), Rochester, N. Y.

Fulper Pottery Co., Flemington, N. J

Gray Peter & Sons, Inc., 286 Third, East Cambridge, Mass.

Greenwood Mfg. Co. (Iceless), 5140H Greenwood, Detroit, Mich.

Griscom-Russell Co. (Air & Water), 92 West, New York
See adv index at end of book

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

Kraft A. C. ("Alaskan"), 323 W Lake, Chicago, Ill.

Lalance & Grosjean Mfg. Co., 299 B'way, New York

Loeber Henry G. Co., 151 E 126th, New York

Major Mfg. Co. (Glass), 461 Pearl, New York

Mangold Stave & Cooperage Co. (Wooden), Weber rd & Grand av, St. Louis, Mo.

Manning, Bowman & Co., Meriden, Conn.

McKee Glass Co. (All Glass), Jeannette, Pa.

National Enameling & Stamping Co., 411 5th av, New York

New Farson Mfg. Co. (Hardwood), Chester, Pa.

Perfection Cooler Co. ("Perfection"), Michigan City, Ind.

Pick Albert & Co., 212 W. Randolph, Chicago, Ill.

Ray Geo. A. Mfg. Co. (All Copper Nickel Plated), Buffalo, N. Y.

Republic Metalware Co. The, Buffalo, N. Y.

Robinson Clay Product Co. (Stone), Akron, Ohio

Sanitary Cooler Co., Pottstown, Pa.

Sloan Novelty Mfg. Co. ("Sloan"), Kansas City, Mo

Spray Engineering Co. ("Spraco" System for Condensing Water, Jacket, Water, etc.), 60 High, Boston, Mass.

Standard Stamping Co. ("Blizzard"), B'way & Chambers, St. Louis, Mo.

Star Brass Works, 3129 Carroll av, Chicago, Ill.

Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.

Union Cooperage Co. ("U. C."), 2d & Penrose, St. Louis, Mo.

Zelleveger J. & Sons, St. Louis, Mo.

3167— Coolers (Wine)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*

Ray Geo. A Mfg. Co. (Heavy Brass & Copper, Nickel Plated, Silver Lined, etc), Buffalo, N. Y.

3167a— Cooling Nozzles (Water Spray)

Cooling Tower Co., Inc., 15 John, New York

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

Star Brass Works, 3129 Carroll av, Chicago, Ill.

3167b— Cooling Towers

Cooling Tower Co., Inc., 15 John, New York

3168— Cooperage Stock

Adams J. A. & Sons Co., Ltd. (Tight Staves for Whiskey, Oil & Pork Barrels, etc.), Ruston, La.

Adams S. H. (Slack Barrel Staves & Headings), Portland, Ind.

Alabama Cooperage Co. (Yellow Pine Heading, etc), Calera, Ala.

American Stave & Cooperage Co., Chelsea, Mass.

Arkadelphia Milling Co. (Tight Barrel Staves, Kiln Dried & Jointed, Bucked & Sawed; Whiskey, Oil, Tierce & Cut Staves), Arkadelphia, Ark.

Associated Cooperage Co., Inc., 150 Nassau, New York

Bacon-Underwood Veneer Co., Stockton, Ala.

Baker-Matthews Mfg. Co. (Staves), Sikeston, Mo.

Beebe Stave Co. (Ash & Cottonwood Staves & Heading & Coiled Elm Hoops), Little Rock, Ark.

Bell Edwin Co, So 17th, Pittsburgh, Pa.

Bettis H. Co. (Slack Cooperage, Staves, Heading, Hoops, etc), Wheeling, W. Va.

Big Run Mfg. Co. (Staves), Allentown, Pa.

Birmingham Cooperage Co., Jefferson County Bank bldg, Birmingham, Ala.

Bolz Cooperage Corp. (Slack Staves & Heading), 7026 Title Guaranty bldg, St. Louis, Mo.

Borden B. F. & Co., Ltd., Front Royal, Va.

Bott Bros. Mfg. Co., Alexandria, Mo.

Bradley S. M. (Staves), Morehead, Ky.

Brooklyn Cooperage Co. (Sugar Barrels, etc.), 142 Kent av, Brooklyn, N. Y.

Brown Stave Co. (Ltd.), (Staves), Monroe, La.

Buckeye Stave Co. (Staves, etc), Leipsic, O.

Burdette Cooperage Co. (Staves & Headings), Burdette, Ark.

Burkhartsmeier Daniel Cooperage Co., 7254 S Chicago av, Chicago, Ill.

Bynum W. B., Dermott, Ark.

Cal Barrel Co., 433 California, San Francisco, Cal.

Calcutt N. W. Co. (Tight Barrel Staves & Heading), Dyersburg, Tenn.

Campbell J. M. (Staves), Caldwell, Ark.

Cate-LaNieve Co., Bank of Commerce & Trust bldg, Memphis, Tenn.

Chess & Wymond Co., Louisville, Ky.

Chickasaw Cooperage Co. (Shooks & Barrels), Memphis, Tenn.

Coleman W. H. Co. (Tight Barrel & Circled Heading), Jackson, Tenn.

Colvin S. S. Stave Co. (Staves, etc.), Pemberville, O.

Colwell Cooperage Co. (Package Stock), 412 Greenwich, New York

Cordon P. H., 115 B'way, N. Y.

Cornie Stave Co. (Staves, etc), Junction City, Ark.

Courtney Co., Charleston, W. Va.

Davis W. M. Stave Co., Memphis, Tenn.

Delta Stave Co. (Staves), Sibley, La.

Dothan Milling & Mfg. Co., Dothan, Ala.

Doud Sons & Co., Winona, Minn.

Dunigan Stave & Cooperage Co., Meridian, Miss.

Durand Hoop Co., Durand, Mich.

Earl Cooperage Co. (Slack Ash & Elm Barrel & Butter Tub Stock), Earl, Ark.

Eberhard & Splater (Staves), Troy, Ind.

Eckhardt & Lennon Co., Monroe, La.

Export Cooperage Co. (Slack & Tight), Leslie, Ark.

Farmers' Mfg. Co. (Slack Cooperage, Staves, Headings & Hoops), Norfolk, Va.

Finke Bros. (Staves, etc), Portland, Ore.

Flint Hill Cooperage & Lumber Co. (Barrel, Staves & Headings), Flint Hill, Va.

Fostoria Stave & Barrel Co. (Staves, etc.), Fostoria, O.

Fuqua J. J. (Tight Stock, White & Red Oak, Sawn Staves & Heading), Milan, Tenn.

General Cooperage & Timber Co., Whitney Central bldg, New Orleans, La.

Genessee Cooperage Co. (Staves & Headings), Elba, N. Y.

Gerold Frank Co., 453 N Green, Chicago, Ill.

Gotshall Mfg. Co., Archbold, O.

Greif Bros. Cooperage Co. (All Kinds of Slack Stock), 1937 Willey av, Cleveland, O.

Griffith Robt. C. (Hoopes), Terre Haute, Ind.

Grismore-Hyman Co. (Slack Barrel), Memphis, Tenn.

Hall J. B., Lexington, Ky.

Hall W. P. Stave Co. (Slack Stock, also White Ash Butter Tub Staves), Memphis, Tenn.

Hampton Stave Co. (Tight Stave Stock), Fordyce, Ark.

Harlan-Morris Mfg. Co. (Barrel Staves & Circled Heading), Jackson, Tenn.

Harrison John F. (Staves), Bienville, La.

Hardwood Package Co., Finance bldg, Phila., Pa.

Hawk A. J. Sons (Hoops, etc), Rockford, O.

Hayes A. L. Co. (Staves), Nashville, Tenn.

Henning E., Inc. (Staves, Headings & Hoops), 105 S La Salle, Chicago, Ill.
Heidt C. & Son (Staves, Headings & Hoops), 64 Fairmount, Jersey City, N. J.
Hickory Run Mfg. Co. (Stave), Allentown, Pa.
Himmelberger-Harrison Lbr. Co. (Heading), Cape Girardeau, Mo.
Hire Stave & Tile Co. (Staves, etc.), Mark Center, O.
Hirsch Cooperage Co., Houston, Texas
Hoge H. H. (Hoops, etc), New Knoxville, O.
Holland-Blow Stave Co., Decatur, Ala.
Holland S. G. Stave Co. (Staves), Nashville, Tenn.
Hollingshead J. D. Co., 208 S La Salle, Chicago, Ill.
Hornung Jacob (Staves, Hoops, etc), New Bavaria, O.
Hudson & Dugger Co. (Headings), Memphis, Tenn.
Humble W. H. (Staves), Holly Grove, La.
Humboldt Cooperage Co. (Staves & Heading), Arcata, Cal.
Indiana Heading & Stave Co., Huntingburg, Ind.
Intermountain Concrete Co. (Cement Staves), Ogden, Utah
International Cooperage Co. ("International" Barrels & Kegs), Dept. H, Niagara Falls, N. Y.
Interstate Cooperage Co., 56 New, New York
Itasca Cooperage Co., Grand Rapids, Minn.
Jackson & Tindle (Slack Staves, Heading & Hoops), Buffalo, N. Y.
Keaton Bros. (Staves). Memphis, Tenn.
Krause & Managan Lumber Co. (Headings), West Lake, La.
Knabb & Co., Warren, Pa.
Louisiana Cooperage Co. (Staves & Headings), Plaquemine, La.
McArdle & Co. (Dirs.), 38th pl. & Gage, U. S. Yards, Chicago, Ill.
McGlone E. Q., Ulvah, Ky.
McGlone Monroe Co., W. Va.
McColgan J. W. (Staves), Dexter, Mo.
McLean I. F. (Tight Stock), Nashville, Tenn.
McNeill Cooperage Co., (Slack Barrels), Phillipsburg, N. J.
Major Stave Co. (Tight Stock, White & Red Oak & Ash Staves), Dept. H, Monroe, La.
Marine Cooperage Co., Mobile, Aa.
Mays Manufacturing Co., 705 Olive, St. Louis, Mo.
Memphis Stave Mfg. Co. (Slack Stock, Elm, Gum, Sycamore, etc), Memphis, Tenn.
Michel Cooperage Co., Sandusky, O.
Mill Shoals Cooperage Co. (Slack Stock Gum, Sycamore, Elm & Ash), Mill Shoals, Ill.
Miller G. L., Java, N. Y.
Moeller John H. (Staves & Headings), Mt. Vernon, Ind.
Montgomery Stave & Cooperage Co., Montgomery, Ala.
Moore L. E. Stave Co. (Beer Staves, etc), Weis bldg, New Orleans, La.
Mt. Olive Stave Co. (Tight Staves & Heading), Batesville, Ark.
Murray C. E., Decherd, Tenn.
National Cooperage & Woodenware Co. (Tight, White Oak & Gum Staves & Heading), Peoria, Ill.
NATIONAL MFG. CO. (Slack Cooperage Stock for Flour, Lime & Sugar Barrels), Dime Savings Bank bldg, Detroit, Mich.
Noble Wm. K. (Slack Barrel), Ft. Wayne, Ind.
Northern Ohio Cooperage & Lumber Co. (Slack Staves), Parkin, Ark.
Ohio Stave Co. (Staves etc), Cardington, O.
Omaha Cooperage Co. (Tight & Slack Barrels), Omaha, Neb.
Ozark Cooperage & Lumber Co. (Gum Staves, etc), International Life bldg, St. Louis, Mo.
Paducah Cooperage Co. (Tight Staves, Headings & Shooks), Paducah, Ky.
Paragon Cooperage Co., Ft. Wayne, Ind.
Pascola Stave Co., Pascola, Mo.
Pekin Cooperage Co. (Tight), Pekin, Ill.
Pennoyer J. C. Co. (Slack & Tight), 8 S Dearborn, Chicago, Ill.
Pennsylvania Cooperage Co., Oil City, Pa.
Pennypacker W. G., Jr. (Slack Stock), Mutual Life bldg, Buffalo, N. Y.
Pensacola Cooperage Co. (Tight Barrel Staves & Circled Heading), Pensacola, Fla.
Pioneer Cooperage Co. (Tight), 2212 De Kalb, St. Louis, Mo.
Port Arthur Cooperage Co. (Oil Barrel Staves & Headings), Port Arthur, Tex.
Pointe Coupee Stave & Lumber Co. (Staves), New Orleans, La.
Powell Cooperage Co., Memphis, Tenn.
Ritzwoller M. H. Co. (Tight Staves, Sawed & Bucked, Liquor, etc.), 4800 S Hoyne av, Chicago, Ill.
Rush H. G. Cooperage Co. (Staves & Headings), Oil City, Pa.
Russell Frank B. (Beer Staves), Louisville, Ky.
St. Helens Creosoting Co., Yeon bldg, Portland, Ore.
Sandusky Cooperage & Lumber Co. (Hoops, Staves & Heading), Toledo, O.
Schinnerer Geo. (Slack Staves & Hoops), Columbus, Ind.
Schweickhard Jacob (Hoops, etc), Tiffin, O.
Sengel Philip & Son (Barrels), Louisville, Ky.
Sheahan B. C. Co., 181 W Quincy, Chicago, Ill.
Sigman M. L., Monticello, Ark.
Skuse Cooperage (Slack), Rochester, N. Y.
Southern Cooperage Co. (Staves, Headings & Hoops), 3160 Chartres, New Orleans, La.
Southern Cooperage Co. (Slack Barrel Heading Keg Staves, etc), Claremont, Va.
Southern Roller Stave & Heading Co. (Staves, Headings, etc), Elizabeth City, N. C.
Standard Cooperage Co., Aberdeen, Washington
Stave & Manufacturing Co., Piggott, Ark.
Struthers-Ziegler Cooperage Co. (Slack Barrel Stock, Staves, Hoops & Heading), Book bldg, Detroit, Mich.
Sutherland, Innes Co. (Slack & Tight, Keg, Barrel, Hogshead, Pipe & Cask Staves), 29 B'way, New York
Tensas Cooperage Co., Memphis, Tenn.
Tennessee Hoop Co. (Coiled Elm Hoops), Memphis, Tenn.
Treworgy Chas. J. Corp. (Staves & Headings), Ellsworth Falls, Me.
Trexler Cooperage Co. (Slack), Allentown, Pa.
Union City Hoop & Lumber Co. (Coiled Elm Hoops), Union City, Ind.
Vail Cooperage Co. (Slack Barrels, Staves & Hoops), Ft. Wayne, Ind.
Van Aken C. M. Cooperage Co. (Slack Barrel Staves & Heading, Elm Hoops for Flour, Sugar, Lime, Cement, Fruit, etc), 141 B'way, New York
Va. Barrel Co. (Slack Barrels, Staves & Heading), Winchester, Va.
Voltermann F. H. (Tight, White & Red Oak, Ash, Gum & Cypress), Brownsville, Tenn.
Walsh J. V. Co., Pittsburgh, Pa.
Walsh Mfg. Co. (Keg & Barrel Hoops & Staves), 72 S 9th, Pittsburgh, Pa.
Wamsley A. S. (Hoops), Stout, O.
Wauseon Lumber & Supply Co. (Hoops), Wauseon, O.
Welch Millard Co. (Beer Keg Staves & Heading), Nashville, Tenn.
Western Cooperage Co., Portland, Ore.
Whitehouse & Dyer (Slack & Tight), Columbia, Tenn.
Williams S. C. & Co. (Slack, for Pottery Packages), East Liverpool, O.
Williamston Cooperage Co. (Heading, Staves), Williamston, N. C.
Wilson-Wrape W. W. Stave Co. (Tight, Specialty Whiskey Staves), Little Rock, Ark.
Wright Barrel & Export Co., Inc., Jacksonville, Fla.
Wylie & Wilson (Slack), Saginaw, Mich.
Wynne Stave Co. (Tight Barrel Staves), Wynne, Ark.
Young E. L. Heading Co., Aberdeen, Miss.

3169— Cooper's Supplies

Godfrey John F., Elkhart, Ind.
Hynson Tool & Supply Co. (Tools & Supplies), 4758 Easton av, St. Louis, Mo.

3170— Coops (Poultry)

Bumpass Coop Co. (Brood), Bumpass, Va.
Defiance Box Co. ("New Royal," "Sites"), Defiance, O.
Defiance Welding Co. (Steel Feeding), Defiance, O.
Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
Excelsior Stone & Mfg. Co., Quincy, Ill.
Foster Sheet Metal Co. (Galvanized), Springfield, Ill.
Hawkeye Pump Co. (Brood), Fairfield, Ia.
Hornbrook-Price Co. (Brood), 1970 Madison av, Indianapolis, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Niemann Bros. (Brood), Mt. Olive, Ill.
Northwestern Stamping Co., Burlington, Ia.
Omaha Box Co., Omaha, Neb.
Otselic Mfg. Co. (Brood), Whitney Point, N. Y.
Reeves Mfg. Co., Dover, O.
Superior Sheet Metal Works Co. (Metal), 3201 Roosevelt av, Indianapolis, Ind.
Union Steel Products Co., Ltd. (Sanitary, All Steel), Albion, Mich.
United Steel & Wire Co. (Exhibition & Shipping), Battle Creek, Mich.
Weber & Kirch Mfg. Co., Keokuk, Ia.

Copal Gum Importers

See Varnish Gums

3170a-b— Coping Wall

See also Pipe-Sewer

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Warren Products Co., 265 B'way, New York. *See adv index at end of book*

3170c— Copper Acetate

Fuller Ralph L. & Co., Inc., 81 Fulton, New York.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio.

3170d—*Copper Bearing Residue

KRAMER H. & CO., Loomis & 21st pl, Chicago, Ill.

Copper Angles, Channels, Etc.

See Brass & Copper Angles, Channels, etc.

3171—Copper (Bolt & Bar)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Smelting & Refining Co., 120 B'way, New York
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Clark av, nr. Wabash RR., Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Livermore, Homer F., Inc., 85 Pearl, Boston, Mass.
Rome Brass & Copper Co. (Hard & Soft Drawn Copper Bar), Rome, N. Y.
Tacoma Smelting Co., Tacoma, Wash.
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven Conn.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3172— Copper Bottoms

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Baltimore Tube Co., Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Hungerford U. T. Brass & Copper Co. (Pits & Flats), 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
Merchant & Evans Co. (Pits & Flats), Washington av & 21st, Phila., Pa.
Michigan Copper & Brass Co., 1611 W. Jefferson av, Detroit, Mich.
New Haven Copper Co., Seymour, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, No. Boston, Mass.
See adv index at end of book

3172a — Copper (Boron)

American Boron Products Co. (Plastics, Copper-nickel & Copper-lead, Antifriction) (In Shot Form), 686 Court, Reading, Pa.

Copper (Braziers')

See Copper Bottoms

3172b— Copper Carbonate

Cooper Chas. & Co., 194H Worth, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph E. & Co., Inc., 81 Fulton, New York
General Platers Supply Co., 489-493 Broome, New York
Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.
Lockport Chemical Wks., Lockport, Ill.
Muning A. P. & Co., Mattawan, N. J.
Vitro Manfg. Co. (Green), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Precipitated, Dry & Plaster), 273 Greene, Brooklyn, N. Y.

3172c— Copper (Chloride)

Cooper Chas. & Co., 194 Worth, New York
Warren Products Co., 265 B'way, New York. *See adv index at end of book*

3172d— *Copper (Cobalt)

Metal & Thermit Corp., 120 B'way, New York

Copper Coils

See Pipe Bends & Coils

3172e— Copper Cyanide

Harshaw, Fuller & Goodwin Co., Elec. bldg Cleveland, O.

3173— *Copper Dealers

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.

Copper Dealers (Sheet)

See Tin Plate, Metals, etc.

3174—Copper (Dynamo Brush)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Michigan Copper & Brass Co., 1611 Jefferson av, Detroit, Mich.
MIDWEST BRASS & BRONZE CO., INC., 480 Broome, New York
See adv index at end of book
Rome Brass & Copper Co. (Brush & Battery Copper, Annealed or Hard), Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.

3175—Copper (Electric & Foil)

Benson H. K. & F. S., Glen-Ridge, N. J

3176—Copper Fire Box Sheets

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
Michigan Copper & Brass Co., 1611 Jefferson av, Detroit, Mich.
Taunton-New Bedford Copper Co., Taunton, Mass.

3177—Copper for Commutator Bars

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Eureka Co., Northeast, Pa.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumphour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3178— Copper (Manganese)

Ajax Metal Co. ("Ajax"), 46 Richmond, **Phila., Pa.**
American Alloys Co., American bldg, Baltimore, Md.
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
Damascus Bronze Co. ("Damascus" 10%, 20%, 30%), N. S., Pittsburgh, Pa.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Metal & Thermit Corp., 120 B'way, New York
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Riverside Metal Co., Riverside, N. J.
United States Reduction Co., E Chicago, Ind.

3178a— Copper Nitrate

General Chemical Co., 25 Broad, New York
Merrimac Chemical Co., 148 State, **Boston,** Mass.

Copper, Ores, Mattes & Bullion

See Ores, Copper

3178b— Copper Oxide

Drakenfeld B. F. & Co., 50 Murray, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Feuchtwanger L. & Co., 36 Liberty, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Fox M. Ewing Co., 241 E 136th, New York
Riverside Metal Co., Riverside, N. J.
Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.
Vitro Manfg. Co. (Red & Black), H Bessemer bldg, Pittsburgh, Pa.
Wiarda Jno C. & Co., 273 Greene, Brooklyn, N. Y.

3179— Copper (Polished)

Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
New Haven Copper Co., Seymour, Conn.
North American Copper Co., 52 Vanderbilt av, New York
Taunton-New Bedford Copper Co., Taunton, Mass.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, **New Haven, Conn.**

3179a— Copper Producers

Miami Copper Co., 61 B'way, New York
Tennessee Copper Co., 61 B'way, New York

3180—Copper Refiners (Electrolytic)

American Smelting & Refining Co., 120 B'way, New York; Works: Perth Amboy, N. J.
Anaconda Copper Mining Co., Anaconda, Mont.
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Clendenin Bros., Central av & Fawn, Baltimore, Md.
Nichols Copper Co., 25 Broad, New York
Raritan Copper Works, 42 B'way, New York
Seligman Arthur, 165 B'way, New York
Tacoma Smelting Co., Tacoma, Wash.
Turukawa & Co., Ltd. (Imp), 120 B'way, New York
U. S. Metals Refining Co., 61 B'way, New York
United States Smelting, Refining & Mining Co. ("U. S. S. Co."), 120 B'way, New York

3180a— Copper (Resinate)

Hochmeister-Lind Chemical Co., Pittsburgh, Pa.

3181— Copper (Roll)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
BALTIMORE TUBE CO., Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
Michigan Copper & Brass Co., 1611 Jefferson av, Detroit, Mich.
National Brass & Copper Co., Lisbon, O.
New Jersey Tube Co., Harrison, N. J.
Plume & Atwood Mfg. Co., Waterbury, Conn.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3182— Copper Scale

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

3182a— Copper (Scrap)

Knight Iron & Metal Co., 27th to 28th, 1st av, Birmingham, Ala.
Nelson Ira L., 10 High, Boston, Mass.

Copper (Sheet)

See Copper & Brass Sheet

3183—Copper Sheets (Cold Rolled & Annealed)

Baltimore Tube Co., Baltimore, Md.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
North American Copper Co., 52 Vanderbilt av, New York
New Jersey Tube Co., Harrison, N. J.
Taunton-New Bedford Copper Co., Taunton, Mass.

3184— Copper (Silicon)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Boron Products Co., Inc. (Boronic in Shot Form), Reading, Pa.
Damascus Bronze Co. ("Damascus" Guaranteed 10%, 20%, 30%), N. S., Pittsburgh, Pa.
Electric Smelting & Aluminum Co., Lockport, N. Y.
O'Connor J. J. & Co. (Dir.), 1st Nat'l Bank bldg, Pittsburgh, Pa.

3185— Copper Sulphate

See also Chemicals, Battery

Am. Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Domestic Chemical Corp., Maspeth & Gardner avs, Brooklyn, N. Y.
Drakenfeld B. F. & Co. (Dealers), 50 Murray, New York
Fergusson Alex C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

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474 CHESTNUT ST. PHILADELPHIA

Fergusson Bros., 109 Chestnut, Phila, Pa.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co. (Blue Stone), 25 Broad, New York
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Goldsmith Bros. Smelting & Refining Co., Heyworth bldg, Chicago, Ill.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Irvington Smelting & Refining Works, **Irvington, N. J.**
Klipstein A. & Co., 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mountain Copper Co. (Ltd.), ("Morocco" Bluestone), 322 Pine, San Francisco, Cal.
Nichols Copper Co., 25 Broad, New York
Partola Mfg. Co., 160 2d av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

3185a— Copper Sulphide

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Warren Products Co., 265 B'way, New York. *See adv index at end of book*

3186— Copper (Tinned)

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Hardy Chas., Inc. (Broker), Park Row bldg, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.

Copper Tubes

See Tubing, Brass & Copper

3187—Copper Ware (Stamped, Plated, Etc.)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Burton W. J. Co. (Tea Kettles), Junction & Leavitt avs, Detroit, Mich.
Kreamer A. Inc., 307 Kent av, Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Nickel Plated), Canandaigua, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Picking D. & Co., Bucyrus, Ohio
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Rochester Stamping Co. ("Royal Rochester"), Rochester, N. Y.
Rome Mfg. Co. ("Rome" Tea Kettles, Coffee Pots, Boilers, etc.), Rome, N. Y.
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

3188—Copper Work (Dyers')

American Copper & Brass Works, Cincinnati, O.
Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Grebenzik H. & Son, N Paterson, N. J.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

3189—Copper & Brass (Sheet)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co. (Copper Only), Canton, Baltimore, Md.
BALTIMORE TUBE CO., Baltimore, Md.
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co. (Copper Only), Dept. H, Bridgeport, Conn.
Bridgeport Rolling Mills, Inc. (Brass & Bronze), Bridgeport, Conn.
Bristol Brass Co. (Brass Only), **Bristol,** Conn.
CHASE METAL WORKS ("Chase" also Bronze), Waterbury, Conn.
CHASE ROLLING MILL CO. ("Chase" also Bronze), Waterbury, Conn.
Cleveland Brass & Copper Mills, Inc. (Brass only), Euclid, O.
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Clark av. nr. Wabash R. R., Detroit, Mich.
Froment & Co. (Alloy), 150 Bank, New York
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Hough W. S., Jr., Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., ("Star"), 80 Lafayette, New York
Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.

WIRE
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307-311 CANAL STREET, NEW YORK and 43 NORTH 7th ST., PHILADELPHIA, PA.

Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
McKenna Brass Mfg. Co. (Jobbers), 1st av & Ross, Pittsburgh, Pa.
Merchant & Evans Co. (Jobbers), Washington av & 21st, Phila., Pa.
METAL PRODUCTS CO. INC., 549 Washington blvd, Chicago, Ill.
See adv index at end of book
Michigan Copper & Brass Co., 1611 Jefferson av, Detroit, Mich.
National Brass & Copper Co., Lisbon, O.
National Brass & Copper Tube Co., 41H Park Row, New York
NEW ENGLAND BRASS CO., Taunton, Mass.
New Haven Copper Co. (Copper Only), Seymour, Conn.
New Jersey Tube Co., Harrison, N. J.
New York Brass & Copper Co., 209 Centre, New York
North American Copper Co., 52 Vanderbilt av, New York
Philadelphia Brass Co., East Downington, Pa.
Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Republic Metalware Co. (Copper only), Buffalo, N. Y.
Riverside Metal Co. (Brass Only), Riverside, N. J.
Rome Brass & Copper Co., Rome, N. Y.
Scott, Sugden & Lamont, Monadonck bldg., San Francisco, Cal.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn. *See adv index at end of book*
Selby Smelting Works (Copper), 201 1st, San Francisco, Cal.
Seymour Mfg. Co., Seymour, Conn.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Stamford Rolling Mills Co., Springdale, Conn.
Stimpson Edwin B. Co. (Flat & Coils), 852 Kent av, Brooklyn, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Twentieth Century Brass Works (Brass), 514 Fifth av, S. Minneapolis, Minn.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Waterbury Rolling Mills (Brass), Waterbury, Conn.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3190— Copperas

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anderson-Hillier Co., Inc. (Powdered), 99H John, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton New York
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Indiana Steel & Wire Co. (Sulphate of Iron), Muncie, Ind.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Keystone Steel & Wire Co., Peoria, Ill.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Zinc Co., 61 B'way, New York
Ohio Seamless Tube Co., Shelby, O.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weighman-Rosengarten Co., 916 Parrish, Phila., Pa.
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
Riverside Acid Works, Warren, Pa.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.
Wagner Charles A., 222H N Front, Phila., Pa.
Warren Products Co., 265 B'way, New York *See adv index at end of book*
Western Chemical Mfg. Co., Denver, Col.
WESTMORELAND CHEMICAL & COLOR CO., 925 Chestnut, Phila., Pa.
Wiarda John C. & Co., (Jobbers), 273 Greene, Brooklyn, N. Y.

3191— Coppers (Battery)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Beattie Zinc Works Co., Reading, Mass.
Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Edes Mfg. Co., Plymouth, Mass.
Eureka Co., North East, Pa.
Fox Jno. M. & Co., Portland, Me.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Pearce Fred'k Co., 18 Rose, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.

3192— Coppersmiths

See also Boilers, Range, Copper
Ahlers & Gregoire, Louisville, Ky.
American Copper & Brass Works, Cincinnati, O.
Ames & Ginty, Hereford, Boston, Mass.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Aufruchtig Alois, Copper & Iron Wks., 900 S. 3rd, St. Louis, Mo.
BADGER E. B. & SONS CO., 75A Pitts, Boston, Mass. *See adv index at end of book*
Baeuerle & Morris, 932 N Front, Phila., Pa.
Baizley Jno. Iron Works, 514 S Delaware av, Phila., Pa.
Bertelsen & Petersen Eng. Co., 256 Border, Boston, Mass.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Boston Copper Works Co., E Boston, Mass.
Burroughs R. A. & Co., Norfolk, Va.
Columbia Heater Co., Paterson, N. J.
Cooper B & Son, 923 E Baltimore, Baltimore, Md.
Corcoran Matt & Co., Louisville, Ky.
DAHLQUIST MFG. CO., 40 W 3rd, South Boston, Mass.
See adv index at end of book
East Side Copper Works, 353 E 31st, New York
Emory P. P. Mfg. Co., Springfield, Mass.
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Flynn Bros., Hoboken, N. J.
Flynn Wm. S., 76 Hudson, Jersey City, N. J.
Furman-Fisher Corp, 32 Church, New York
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book

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COPPERSMITHS—Continued
Gerstein Bros. & Copper, 3 W 3d, S Boston, Mass.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Harris Arthur & Co., 212 N Curtis, Chicago, Ill. *See adv index at end of book*
Hensel E. R., Steel & Copper Co., Security bldg, St. Louis, Mo.
Hicks S. D. & Son, 9 Bowker, Boston, Mass.
Hines & Ritchey, Louisville, Ky.
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, Ohio
Hubert Jno., 1714 Thames, Baltimore, Md.
Ingram W. H., 106 N 3d, Phila., Pa.
Jeffers Wm., 77 Joy, Boston, Mass.
Kavanagh Jos. Co., Pratt & Central av, Baltimore, Md.
Kearney, P. H. & Sons, 1102 Clinton, Hoboken, N. J.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
Kopperman Jos. & Sons, 307 Florist, Phila., Pa.
Krenz Oscar Copper & Brass Wks., Inc., 612 Bryant, San Francisco, Cal.
Langsenkamp F. H., Indianapolis, Ind.
Liberty Coppersmithing Co. (For Sugar, Chemical & Shipping Industries), 1708 N Howard, Phila., Pa.
McMillan Metal Co., Savannah, Ga.
Manchester J. B. Co., 190 Eddy, Providence, R. I.
Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Moriarty G. J., 28 Harvard, Boston, Mass.
Murphy & O'Brien, 5512 Detroit, Cleveland, O.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Oat Jos. & Sons, 230 Quarry, Phila., Pa.
Oregon Sheet Metal Works, Portland, Ore.
Ott Geo. F. Co., 213 Buttonwood, Phila., Pa.
Pacific Copper Wks., 85 Minna, San Francisco, Cal.
Petterson Edward, 231 South, New York
Phila. Coppersmithing Co., 222 N Front, Phila., Pa.
Providence Coppersmithing Co., 511 Eddy, Providence, R. I.
Roos Aug. Sons, 429 E 91st, New York
Schaefer Emil, 1322 N 5th, Phila., Pa.
Scheubner Herman J., 424 E 110th, New York
Seibel-Suessdorf Copper & Iron Mfg. Co., 3rd & Lombard, St. Louis, Mo.
Shaw Benj. F. Co., Wilmington, Del.
Smith C. W. Copper Wks., 16 Washington, San Francisco, Cal.
Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Trageser Jno. Steam Copper Works, 447 W 26th, New York
Walker James & Son, 76 Jefferson av, Detroit, Mich.
Watkins Jas. Y. & Son, 20 Catherine, N. Y.

3192a— Copra

Elbert & Co., 27 William, New York
Hartmann Pacific Co., Inc., (Imp.), 80 Wall, New York

Copying Apparatus

See Duplicators; also Presses, Copying

3193—Copying Press Sheets (Rubber)

Goodrich B. F. Co., Akron, O.

3194— Cord (Rubber)

Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Revere Rubber Co., Chelsea, Mass.
U. S. Rubber Co., 1790 B'way, New York.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Cordage (Hemp)

See Twine, Hemp

3194a— Cordage Mfrs.

FEDERAL ROPE CO., Morgan av & Ten Eyck, Brooklyn, N. Y.
See also Cordage & Twine Mfrs.
New Bedford Cordage Co., 120 B'way, New York
WALL ROPE WORKS, INC., 48 South, New York

3195— Cordage (Tarred)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.

3196—Cordage & Twine Mfrs.

See also Twine, Binder; also Rope, Various Kinds
See also Cordage Mfrs.
American Mfg. Co., West & Noble, Brooklyn, N. Y.
American Mills Co. ("American," "Fibreflax," "26 Karat," "Winner," "Flaxo Sail," "Amilsco," "Gold Medal," "Sun," "Silverin"), Atlanta, Ga.
Anniston Cordage Co. (Sash Cords, etc), Anniston, Ala.
Ashaway Line & Twine Mfg. Co. (Fish Lines & Cotton Seine Twines, etc), Ashaway, R. I.
Atkins & Pearce Mfg. Co. (Cotton), 5th & Eggleston av, Cincinnati, O.
Bailey John T. Co. (Hemp, Flax & Jute), 19th & Washington, Phila., Pa.
Barrows Mfg. Co. (Cotton), Lansdale, Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co. ("Crown," "Mainsail," "Topsail," "Osprey," "Porterdale Superior"), Macon, Ga.
Boehme & Rauch Co. (Rope, Twine & Cordage), Monroe, Mich.
Broderick & Bascom Rope Co. (Jobbers in Cordage Only), 805 N. Main, St. Louis, Mo.
Brownell Co. (Cotton Seine Twine), Moodus, Conn.
California Cotton Mills Co. (Cotton Rope & Twine), Oakland, Cal.
Cating Rope Works, Maspeth, N. Y.
Cayuga Linen & Cotton Mills, Auburn, N.Y.
Central Mills Co. (Cotton Twine), Southbridge, Mass.
Chelsea Fibre Mills (Flax, Jute, etc), 212 5th av, New York. Factory: Brooklyn, N. Y.
Cleveland Mill & Power Co. (Cotton Twine), Lawndale, N. C.
Cohankus Mfg. Co. (Cotton Rope, etc), Paducah, Ky.
Columbian Rope Co. (Oil Well & Tarred Cordage & Jute & American Hemp, Twine, etc), 3050 Genesee, Auburn, N. Y.
De Grauw, Aymar & Co., 34 South, New York
Dolphin Jute Mills (Jute, etc), Paterson, N. J.
Draper W. H. & Sons (Cotton Twine, etc), Troy, N. Y.
Eagle Cordage Mills, Covington, Ky.
Eagle Cotton Mills Co., Madison, Ind.
Elder Jas. (Cotton Cordage), 230 W Coulter, Philadelphia, Pa.
Empire State Bag Co. (Flax & Jute), 760 Wythe av, Brooklyn, N. Y.
Estes Mills (Twine), Fall River, Mass.
Fibre Grand Co. (Cordage Spun from Paper), Grand Rapids, Mich.
Filter Fabrics Co., Salt Lake City, Utah
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Flocker Jno. & Co. (Ltd.), 957 Liberty, Pittsburgh, Pa.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Fulton Bag & Cotton Mills, "Eagle Sail" Cotton Twine, etc.), Atlanta, Ga.
Gloucester Net & Twine Co. (Cotton Twine), Gloucester, Mass.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent), (Jute Rope, Cord & Twine), 320 B'way, New York
Groendyke J. C. Co., 8 S Dearborn, Chicago, Ill.
Hanover Cordage Co., Hanover, Pa.
Highland Cordage Co., Hickory, N. C.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James (Cotton), Fall River, Mass.
Hooper Sons Mfg. Co. (Cotton), Juniper & Cherry, Phila., Pa.
Hooven & Allison Co. (Manilla, Sisal, Hemp & Junte, Baling, Wrapping, Sail, Commercial, etc), Xenia, O.
Humboldt Cotton Mills (Cotton), Humboldt, Tenn.
Iden William A. Co., 564 Washington blvd, Chicago, Ill.
Indianapolis Cordage Co., 1959 S Meridian, Indianapolis, Ind.
Jackson Thos. & Son Co. (Manila, Sisal & Jute Rope, Cordage & Twine), Reading, Pa.
January & Wood Co., Maysville, Ky.
Kelly R. A. Co. (Sisal, Manila & New Zealand), Xenia, O.
Kentucky River Mills (Hemp Binder & Commercial Twines), Frankfort, Ky.
Knox W. & J. Net & Twine Co. (Twine), Johnson & Barney, Baltimore, Md.
Lambeth Rope Corporation (Cotton), New Bedford, Mass.
Lawrence Duck Co. (Cotton Twine), Lawrence, Mass.
Lees Mfg. Co. (Cotton), Westport, Conn
Linen Thread Co. (Cotton, Flax, Hemp & Jute Twines), 96 Franklin, New York
MacGowen & Finigan, Pierce bldg, St. Louis, Mo.
Mallison Braided Cord Co. (Cotton), Athens, Ga.
Meagher's Jas. Sons (Jute or Flax Cordage), 1625 San Bruno, San Francisco, Cal.
Montgomery Cordage Co., Montgomery, Ala.
Neptune Twine & Cord Mills, Moodus, Conn.
New Bedford Cordage Co., 120 B'way, New York Mills, New Bedford, Mass.
New York Net & Twine Co., Moodus, Conn.
Oakdale Cotton Mills (Cotton), Jamestown, N. C.
Peoria Cordage Co., Peoria, Ill.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Pioneer Cotton Mills (Cotton), Guthrie, Okla.
Plymouth Cordage Co. (Cordage & Binder Twine), North Plymouth, Mass.
Pollock Paper Co. (Wholesale), 1401 Pacific av, Dallas, Texas
Portland Cordage Co. (Flax Cordage & Binder Twine), Portland, Ore.
Puritan Cordage Mills (Cotton Rope, etc), Louisville, Ky.
Purple A. E. (Cotton Seine Twine), Moodus, Conn.
Quaker City Cordage Co., 202 Walnut pl, Phila., Pa.
Radcliffe & Shaw Co. (Jute Twine & Rope), Glen Rock, Pa.
Rauschenberger John Co. (Flax, Hemp, Jute, Hair, etc), 87 W Water, Milwaukee, Wis.
Rinek Cordage Co. (Cordage Only), Easton, Pa.
St. Louis Cordage Mills ("American" & "Trojan"), 1715 S 11th, St. Louis, Mo.
Samson Cordage Works, 88 Broad, Boston, Mass.
Schermerhorn Bros. Co., 5 N La Salle, Chicago, Ill.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Semple Mfg. Co., Inc. (Cotton), Louisville, Ky.
Silver Lake Co. ("Silver Lake," "Eddystone," "Wearwell," Braided Cordage, etc), Newtonville, Mass.
Smith & Dove Mfg. Co. (Flax Twine), Andover, Mass.
Southern Mills Corp. (Cotton Cordage), Oxford, Ala.
Tallassee Falls Mfg. Co. (Cotton), Tallassee, Ala.
Travers Twine & Cordage Co., 81 Warren, New York
Uhler & English, 106 N Delaware, Phila., Pa.
UNION PAPER & TWINE CO., 128 St. Clair av N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wall Rope Works, Inc. (Cordage Only), 48 South, New York
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Westport Mfg. Co. (Cotton Wrapping Twine), Fall River, Mass.
Whitlock Cordage Co., 46 South, New York
Winne F. W. & Son, 237 Market, Phila., Pa.
Wortendyke Mfg. Co., ft. 13th, Richmond, Va. *See adv index at end of book*
Yocona Mills (Cotton), Water Valley, Miss.
Young John B. (Cotton), J & Levick, Phila., Pa.

3196a— Cordeau Bickford

Atlas Powder Co., Wilmington, Del.
DU PONT E I. DE NEMOURS & CO., INC. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Giant Powder Co., Cons., San Francisco, Cal.

Cords (Arc Lamp)

See Cords, Trolley, Arc Lamp & Bell

3197-8—Cords (Cable, Cotton)

American Mfg. Co., Noble & West, Brooklyn, N. Y.
Auburn Converting Co. ("Acco"), 185 Clark, Auburn, N. Y.
Bailey John T. Co., 19th & Washington, Phila., Pa.
Bibb Mfg. Co., Macon, Ga.
Brownell Co., Moodus, Conn.
Cable Flax Mills, Schaghticoke, N. Y.
Chaffee Mfg. Co., Willimantic, Conn.
Cleveland Mill & Power Co., Lawndale, N. C.
Dexter Yarn Co., Pawtucket, R. I.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Indian Orchard Co., Indian Orchard, Mass.
International Braid Co., 47 Charles, Providence R. I.
Johnston & Co., 35 Worth, New York
Jonesboro Yarns Mills Co., Jonesboro, Tenn.
Lees Mfg. Co., Westport, Conn.
McComeskey Thomas, 3731 Frankford av, Phila., Pa.
Neptune Twine & Cord Mills, Moodus, Conn.
New York Net & Twine Co., Moodus, Conn.
Nims Mfg. Co. (Also Button Hole), Mt. Holly, N. C.
Oakdale Cotton Mills, Jamestown, N. C.
Oxford Cotton Mills, Oxford, N. C.
Purple A. E., Moodus, Conn.

Southern Mills Corp., Oxford, Ala.
Turner & Stanton Co., Norwich, Conn.
Unity Cotton Mills, La Grange, Ga.
Yocona Mills, Water Valley, Miss.

3199—Cords (Flexible, Lamp, Etc.)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO. (Steel Wire), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co. ("Beldenite"), 2316 S Western av, Chicago, Ill.
Bishop Gutta-Percha Co., 420 E 25th, New York
Boston Insulated Wire & Cable Co., Boston, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodyear Rubber Insulating Co., 105 E 131st, New York
Indiana Rubber & Insulated Wire Co., P O Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Lowell Insulated Wire Co., Lowell, Mass.
McEvoy Chas. H. ("Duro"), Lowell, Mass.
Marion Insulated Wire & Rubber Mfrs., Marion, Ind.
Monarch Electric & Wire Co. ("Monarch"), 622 W Adams, Chicago, Ill.
National India Rubber Co., Bristol, R. I.
Okonite Co., Passaic, N. J.
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Western Electric Co., 463 West, New York

Cords (Incandescent Lamp)

See Cords, Flexible, Lamp, etc.

3200—Cords (Leather, Bell or Register)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Jewell Belting Co., Hartford, Conn.
Ladew Edw. R. Co., 54 Franklin, New York
National Leather Mfg. Co. (Surface & Oak, Tan, Flat & Round), Niles, Mich.
Page Belting Co., Concord, N. H.
Raniville F. Co., Grand Rapids, Mich.
Rhoads J. E. & Sons, 12 N 3d, Phila., Pa.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.
Williams I. B. & Sons, Dover, N. H.

Cords (Picture, Braided)

See Cords, Sash

3201—Cords (Picture, Wire)

Draper W. H. & Sons, Troy, N. Y.
Hendryx A. B. Co. ("Hendryx"), 86 Audobon, New Haven, Conn.
See adv index at end of book

"HENDRYX"
STANDARD PICTURE CORD
of tinned or brass wire
is put up only in full length and full count packages of
25 *feet or* 25 *yards.*
THE ANDREW B. HENDRYX COMPANY
New Haven, Conn.

Parker Wire Goods Co. (Braided & Twisted Wire), Worcester, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Turner & Stanton Co., Norwich, Conn.
Wickwire Spencer Steel Corp. ("Excelsior Brand" Braided Wire), Worcester, Mass.
See adv index at end of book
Wire Goods Co. (Braided), Worcester, Mass.

3202— Cords (Sash)

American Mfg. Co. (Hemp), Noble & West, Brooklyn, N. Y.
Anniston Cordage Co. (Braided), Anniston, Ala.
Beebe Cordage Co., Rockaway, N. J.
California Cotton Mills Co. (Braided Cotton), Oakland, Cal.
Cohankus Mfg. Co. ("Braided"), Paducah, Ky.
Draper W. H. & Sons (Twisted Cotton), Troy, N. Y.
Estes Mills ("Alba," "Star"), Fall River, Mass.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co. ("Jefferson" Solid Braided Cotton), 247 Market, Phila., Pa.
Granite Cordage Co. (Braided), Granite Falls, N. C.
Hodson John M., Boone & Markle, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hooper Sons Mfg. Co. (Braided), Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Hooven & Allison Co., Xenia, O.
Kelley Hy C. Co., 35-37-39 Worth, New York
Mallison Braided Cord Co. (Braided), Athens, Ga.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Puritan Cordage Mills ("Regal Braid," Blue Strand), Louisville, Ky.
Samson Cordage Works ("Samson Spot" Braided, etc.), 88 Broad, Boston, Mass.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Silver Lake Co. ("Silver Lake," "Eddystone" Braided, etc), Newtonville, Mass.
Southern Mills Corp. (Braided), Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Travers Twine & Cordage Co., 81 Warren, New York
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Whittier Mills Co. ("U. S." Cotton Braided), Chattahooche, Ga.

3202a— *Cords (Seaming)

Wortendyke Mfg. Co., ft. 13th, Richmond, Va. *See adv index at end of book*

3203—Cords (Telephone & Switchboard)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
McEvoy Chas. H. ("Duro"), Lowell, Mass.
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book
STROMBERG - CARLSON TELEPHONE MFG. CO., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York
Western av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3204—Cords (Tinsel & Copper)

Belden Mfg. Co. Conductor), 2316 S Western av, Chicago, Ill.
Binns Patent Band Co. (Tinsel), 1842 Gtn av, Phila., Pa.
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
Western Electric Co., 463 West, New York

3205—Cords (Trolley, Arc Lamp & Bell)

Cohankus Mfg. Co., Paducah, Ky.
Fricke J. E. Co. ("Jefferson," Solid Braided), 247 Market, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hy-Sil Mfg. Co. ("A. A. 1" Tinsel), Revere, Mass.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Mallison Braided Cord Co., Athens, Ga.
Runzel-Lenz Electric Mfg. Co., 1751 N
ROEBLING'S JOHN A. SONS CO. (Arc Lamp & Bell), Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J. *See adv index at end of book*
Samson Cordage Works, 88 Broad, Boston, Mass.
Silver Lake Co. ("Silver Lake," "Wearwell," Braided), Newtonville, Mass.
Southern Mills Corp. (Braided), Oxford, Ala.
Taylor Iron Wks. & Supplies Co., 104 B'way, Macon, Ga.
Whittier Mills Co. ("U. S. Spiral Waterproof"), Chattahoochee, Ga.

3205a—*Core Flour Substitute

HILL & GRIFFITH CO. ("Liberty"), 1248 State av, Cincinnati, O. & Birmingham, Ala.; Chicago, Ill.
See adv index at end of book

3206— Core Prints (Wood)

Jessup Stephen C. Pattern Wks., Salem, O.

3207— Core Room Equipment

Dopp J. W. & Co., (Dealers), 18 W. Columbia, Detroit, Mich.
Holcroft & Co., Book bldg, Detroit, Mich.

3208—Core Testing Apparatus

Wadsworth Core Machine & Equipment Co., 10 W Buchtel, Akron, O.

Core Wash

See Compounds, Core

3209— Corers (Cabbage)

See also Corers, Fruit & Vegetable
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

3210—Corers (Fruit & Vegetable)

Browne W. G. Mfg. Co., Kingston, N. Y.
Central Stamping Co. ("Puritan" Apple), 172 Fulton, New York
Forsyth Metal Goods Co., E Aurora, N. Y.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Goodell Co. (Fruit Parers, Slicers, etc), Antrim, N. H.
Hamblin & Russell Mfg. Co. (Fruit), Worcester, Mass.
Houchin Thomas W. Co., 36 E 12th, New York
Hudson Parer Co. (Fruit), Leominster, Mass.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark ("Rapid"), New Britain, Conn.
Lewis E. J. (Pineapple), Middleport, N. Y.
National Enameling & Stamping Co. ("Gem" Apple), 411 5th av, New York
Parker Wire Goods Co. (Apple), Worcester, Mass.
Rollman Mfg. Co. (Ltd.), ("Rollman" Apple) Mount Joy, Pa.
White Ira F. & Son Co. (Apple Corer & Parer), Bloomfield, N. J.

3211—Cores (Armature & Magnet)

Bunnell J. H. & Co., 32 Park pl, New York
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cleveland Armature Works, Inc., 4736 St. Clair av, Cleveland, O.
Hartford Machine Screw Co., Hartford, Conn.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3212—*Cores (Button, Platen, Tassel, Etc.)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

3213—Cores (Electric Furnace)

Norton Co. ("Norton," Alundum), Worcester, Mass.

3213a— Cores (Paper)

Elixman Paper Core Co., Inc. (Steel Capped Compressed), Corinth, N. Y.

3213b—*Cores (Pressed Steel)

Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

3214—Cores (Rubber Tire Building)

Adamson Machine Co., Akron, O.
Akron Rubber Mold & Machine Co., Akron, Ohio
Akron Gear & Engng. Co., 54 E South, Akron, O.
Bridgewater Machine Co., Akron, O.
Elyria Machine Co., Elyria, O.
Goodyear Tire & Rubber Co., Akron, O.
Mechanical Mold & Machine Co., Akron, O.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O.
See adv index at end of book
Williams Foundry & Machine Co. ("Simplex"), Akron, O.
See adv index at end of book

Akron-Williams hydraulic presses are universally recognized as the most effective in vulcanizing coupled with ease of manipulation. Write for complete tire factory equipment catalog.
THE WILLIAMS FOUNDRY & MACHINE CO.,
Akron, Ohio, U. S. A.

3215— Cork Carpets

See also Linoleum Mfrs

American Linoleum Mfg. Co. (In Five Colors), 366 5th av, New York
Armstrong Cork Co., Dept. H, 24th & A. V. R. R., Pittsburgh, Pa.
Blabon Geo. W. Co., Nicetown, Phila, Pa.
Cook's Linoleum Co. ("Cooks"), Trenton, N. J.
Farr & Bailey Mfg. Co., Camden, N. J.
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co., N 2d & Erie av, Phila., Pa.
Scott & West Co. ("Corkoline"), 9 E 40th, New York

3216— Cork Chips

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

Cork (Granulated, for Insulation)

See Insulation, Cork

3217— Cork (Ground)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3218— Cork Mfrs.

American Cork Co., 16 Blackstone, Boston, Mass.
Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Banar Cork Co., 119-121 Water, Pittsburgh, Pa.
Biertuempfel Bros. Cork Co., 37 Av L, Newark N. J.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Cahn Hugo & Co., 257 W 17th, New York
Century Cork Co., 220 W 19th, New York
Chicago Cork Wks. Co. (Also Importers), 1243 S Wabash av, Chicago, Ill.
Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.
Diamond Cork Co., 59 Pearl, New York
Farrell Francisco Llado & Co., Haw Tree Creek Road, Woodhaven, N. Y.
Farrell W. J., 325 Washington, New York
Illinois Glass Co. ("Diamond I"), 402 Randolph, Alton, Ill.
Independent Cork Co., 574-576 Hamilton av, B'klyn, N. Y.
International Cork Co., 99 Sutton, Brooklyn, N. Y.
Lancaster Cork Works, Lancaster, Pa.
cago, Ill.
McCready R. W. Cork Co., 344 W Illinois, Chicago, Ill.
Milton Cork Co., 42 Wilson, B'klyn, N. Y.
Mir Codina & Marques, 592 Montgomery, Jersey City, N. J.
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
Newark Cork Products Co., 26 Franklin av, Newark, N. J.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Paddock J. H. Co., 219 36th, Brooklyn, N. Y.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill. *See adv index at end of book*
Sergeant E. M. Co. (Cork Wood Importers), 15 E 26th, New York
See adv index at end of book
Spanish-American Cork & Specialty Co. ("Saco"), Westport, Baltimore, Md.
Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.
Wildman-Treherne Co., Importers (Druggists), 85 Franklin, New York
Williamsburg Cork Works, 50 Church, New York

3219—Cork Preparing Outfits

U. S. Bottlers' Machinery Co. ("Simplex"), 2511 Park, Chicago, Ill.

3220— Cork (Scouring)

Paddock Cork Co. ("Eureka" Cork Felt), 1209 De Kalb av, Brooklyn, N. Y.

3221— Cork Screws

Arcade Mfg. Co., Freeport, Ill.
Browne W. G. Mfg. Co., Kingston, N. Y.
Browne & Dowd Mfg. Co., Meriden, Conn.
Dawson J. R. Mfg. Co., Fairhill Sta., Phila., Pa.
Deuse J. S., Chester, Conn.
Erie Specialty Co. ("Quick & Easy," "Walkers," Self-Pulling), 520 W 12th, Erie, Pa.
Graef & Schmidt (Imported), 107 Chambers, N. Y.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Landers Frary & Clark (Cast Steel), New Britain, Conn.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Parker Chas. Co., Meriden, Conn.
Rockwell, Clough Co., Alton, N. H.
Ross Jos. & Co., Irvington, N. J.
Taylor Mfg. Co., Hartford, Conn.
Vaughan Novelty Mfg. Co. ("Dainty" Folding), 711 Fulton, Chicago, Ill.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Iamson" Self-Acting Combination, also Small Wire Cork-Screws), Badger av, Newark, N. J.

3222— Corks (Crown)

Bond Mfg. Co. ("Bond Crown"), Wilmington, Del.
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Diamond Cork Co., 59 Pearl, New York
Farrell W. J., 325 Washington, New York
Frankel Max Co., 290 Pearl, New York
Gutmann Ferdinand Co., 134 W 29th, New York
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
Rochester Pneumatic Crown Seal Co., Rochester, N. Y.
Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.
Sterling Cork & Seal Co., Hawthorne, Toledo, O.
U. S. Bottle Stopper Co., Haw Tree Creek Road, Woodhaven, N. Y.
Western Stopper Co., 2800 20th, San Francisco, Cal.

3222a— Corks (Jug)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Corks (Rubber)

See Stopples, Rubber

3223— Corks (Seine & Gill)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3224— Corks (Wood)

Bogert & Hopper, Inc. (Fishing, Jug & Seine), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Fishing Jug, Seine, etc.), 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

3225— Corkwood Importers

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Bucknall, Scholtz & Co. (Corkwaste), 193 Water, New York
Farrell Francisco Llado & Co., Haw Tree Creek Road, Woodhaven, N. Y.
Independent Cork Co., 574-576 Hamilton av, cor 17th, Brooklyn, N. Y.
Paddock J. H. Co., 219 36th, Brooklyn, N. Y.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.

3226—Corn Binders & Harvesters

International Harvester Company of America (Inc.) ("Deering," "McCormack," "Milwaukee"), Harvester bldg, Chicago, Ill.

3227— Corn (Broom)

American Broom Supply Co., St. Louis, Mo.
American Broom & Brush Co., Amsterdam, N. Y.
American Warehouse Co., Wichita, Kan.
Arkell & Smiths, Canajoharie, N. Y.
Boggs Broom Corn Co., 1206 N Main, St. Louis, Mo.
Bolin-Hall Grain Co., Hutchinson, Kan.
Central States Broom Corn Co., 45H W 6th, Cincinnati, Ohio
Chambers M. W., Dayton, O.
Coyne Bros., 119H W South Water, Chicago, Ill.
Danner J., Humboldt, Ill.
Dickey Robert & Co., 25th & A. V. R. R., Pittsburgh, Pa.
Eastern Broom Corn Co., 137H Front, Newark, N. J.
Ginns H. L. Broom Corn Co., Wichita, Kans.
Griffin Geo. B. & C. M., Charleston, Ill.
Griffith E. S., 749H Washington, Minneapolis, Minn.
Gurley A. L. & Co., Clovis, N. Mex.
Harryman Geo. & Bros., Dept. H, Spring & Fleet, Baltimore, Md.
Harryman R. & H., Wichita, Kans.
Hockett J. A. & Co., Wichita, Kan.
Ingle Bros. Broom Corn Grain & Supply Co., H North, Kansas City, Mo.
Josephie Geo. Co., 227 Water, New York
Kavanagh Bros. & Co., 1234 W Kinzie, Chicago, Ill.
Lande S. & Co., 160 W Kinzie, Chicago, Ill.
Lyons Thos. & Co., Arcola, Ill.
Miller Grant Broom Corn Co., 128H N Mosley av, Wichita, Kans.
Miller S. R., Dept. H, Wichita, Kans.
New England Broom & Supply Co., 191 Forest Hills, Boston, Mass.
Oklahoma Broom Corn Warehouses, Lincoln, Neb.
Panhandle Warehouse Co., 520H Commerce, Wichita, Kans.
Perry D. S. & Co., Urbana, O.
Phillips & Johnson, Mattoon, Ill.
Reynolds J. O. & Co., Dept. H, Mattoon, Ill.
Roseboom J. A. & Co., Mattoon, Ill.
Roseboom W. L. & Co., 3544 S Morgan, Chicago, Ill.
St. Louis Broom Supply Co., 206H N 1st, St. Louis, Mo.
Tarbox Broom Corn Co., Arcola, Ill.
Weymer Warehouse Co., Dept. H, Cedar Rapids, Ia.

3228— Corn Cookers & Fillers

Morral Bros., Morral, O.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

3229— Corn Cribs (Steel)

AMERICAN STEEL & WIRE CO. ("American," Galvanized Woven Wire), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bayley Wm. Co. ("Bayley," "Springfield" Steel), Springfield, O.
Bushnell Tank Works (Steel Portable), Bushnell, Ill.
Butler Mfg. Co. ("B. M. C.," "Butler Combination"), Kansas City, Mo.
Clippinger A. B. & Son Mfg. Co. ("Clippinger"), Kansas City, Kan.
Denning Tractor Co. (Portable), Cedar Rapids, Ia.
Dixie Culvert & Metal Co. (Corrugated), Atlanta, Ga.
Dickelman Mfg. Co., Forest, O.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Harry O. K. Steel Co. ("O. K. Harry"), 2333 Papin, St. Louis, Mo.
Iron Crib & Bin Co. ("Marshall," "Freeland" Galvanized Steel), Wooster, O.
Keystone Steel & Wire Co. (Portable), Peoria, Ill.
Krstchmer Mfg. Co. ("U. S." Galvanized Iron & Steel), Council Bluffs, Ia.
MARTIN STEEL PRODUCTS CO. ("Corn Saver"), Mansfield, Ohio
Meadows Mfg. Co., Pontiac, Ill.
Pioneer Mfg. Co. ("Marshall" Galv'd Steel), Middlebury, Ind.
Twin City Separator Co. (Wire Hood), 29th & Colfax av S, Minneapolis, Minn.
Walker Mfg. Co. ("Economy"), Council Bluffs, Ia.

3230— Corn Knives

Celluloid Co., 36 Washington pl, New York
Fiberloid Corp., Dept. H., Indian Orchard, Mass.

Corn Machines

See Machinery

Corn Planters & Drills

See Planters, Corn; Also Drills, Cotton Planting

3231—Corner, Base & Head Block Mfrs.

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Carr & Baal Co., Des Moines, Ia.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gauger Jno. A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Grand Rapids Lumber Co. (For the Trade Only), Grand Rapids, Mich.
Hutting Mill Wks. Co. (Wholesale Mfrs.), Kansas City, Mo.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
Paine Lumber Co. (Ltd.) (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Waddell Mfg. Co. Grand Rapids, Mich.
Zimmerman Chas. E., 204 Burnet av, Syracuse, N. Y.

Corner Beads (Plastering)

See Plasterers' Steel Corner Beads

3232—Corner Brace & Couplings

Diehl Novelty Co. ("Big—4" for Storm Houses, Porch Screens, Stiffening Box Corners, etc.), Glen Beulah, Wis.
Griffin Mfg. Co., Erie, Pa.

3233— Corners (Box)

Brainerd Mfg. Co. (Also Chest), East Rochester, N. Y.
Brass Goods Mfg. Co. (Also Chest), 345 Eldert, Brooklyn, N. Y.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Dent Hardware Co., Fullerton, Pa.
Griffin Mfg. Co., Erie, Pa.
Hercules Metal Corner Co., Kingston, N. Y.
Horan Stay Hanger Co. (Crate Only), 1932 W Jefferson, Louisville, Ky.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Ludwig A. & Co., 75 Spring, New York
Richmond Pressed Metal Wks. (Trunk), Stockton & 6th, Richmond, Va.
STANLEY WORKS, New Britain Conn. *See adv index at end of book*

3234— Corners (Casket)

Waddell Mfg. Co., Grand Rapids, Mich.

3235—Corners (Metal Building)

EDWARDS MFG. Co., Cincinnati, O. *See adv index at end of book*
Kees F. D. Mfg. Co. ("Kees"), Beatrice, Neb.
Milwaukee Corrugating Co. ("Milcor"), Milwaukee, Wis.
Reeves Mfg. Co., Dover, O.
Shrauger & Johnson ("Chief"), Atlantic, Ia.

3236— Corners (Partition)

Western Brass Mfg. Works (Iron or Brass), Marshall blvd & W 21st, Chicago, Ill.

3237—Corners (Screen Frame)

ACKLIN STAMPING CO. (Stamped Metal), 1659 Dorr, Toledo, O. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO. (Galvanized Brass & Copper), 213 W. Grand av, Chicago, Ill. *See adv index at end of book*
Western Improvement Co. (& Moulding), Minot, N. D.

3238— Corners (Table)

Weber-Knapp Co. (For Card Tables, etc), Jamestown. N. Y.

Corners (Trunk)

See Corners, Box

3239— Cornice Brakes

Double Truss Cornice Brake Co., Buffalo, N. Y.
Dreis & Krump Mfg. Co. ("Chicago"), 2901 S Halsted, Chicago, Ill. *See adv index at end of book*

CHICAGO STEEL BRAKES

Standard of the world. Over 16,000 in use. Most complete line on market. Over 100 standard sizes.

DREIS & KRUMP MFG. CO.
2901 S. Halsted St., Chicago, Ill.

Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Falstrom & Tornquist Co., Passaic, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Loy & Naurath Co., 25 Runyon, Newark, N. J.
McSherry Mfg. Co. (Hand Power), Pittsburgh, Pa.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y *See adv index at end of book*
Ohl Geo. A. & Co. (Automatic Power, etc), 159 Oraton, Newark, N. J.
Robinson J. M. Mfg. Co. (Improved Double Eccentric), 3282 Spring Grove av, Cincinnati, O.
Ryerson Jos. T. & Son (Hand & Geared Power), 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Cornice Copper Mfrs.

See Copper & Brass Sheet

3240— Cornices & Skylights

ALABAMA.

ANNISTON—Interstate Roofing & Foundry Co.
BIRMINGHAM—Wheelock George F. Co.
DECATUR—Brown W. A. & Co.
MOBILE—Mobile Roofing & Cornice Co.
NEW DECATUR—Decatur Cornice & Roofing Co. ("Titelock").
OPELIKA—Galbraith W. A.
TALLADEGA—Michael Supply & Roofing Co.

ARIZONA.

PHOENIX—Burtis D. H.
TUCSON—Julian W. A. Co.

ARKANSAS.

FORT SMITH—Bruce Bros.
HELENA—Helena Job Works
HOT SPRINGS—Hot Springs Plumbing & Machine Co.
LITTLE ROCK—Fones Bros. Hardware Co.
McCardell R. W.
PINE BLUFF—Fox Bros. Hardware Co.

CALIFORNIA.

COLTON—Johnson M. M.
FRESNO—Barrett-Hicks Co.
Kutner-Goldstein Co.
GLENDALE—Reif H. A.
LOS ANGELES—American Cornice Works, 966 E 4th
Beseman E. J., 731 San Fernando
Brown E. & Co., 114 E 9th
California Cornice Works
Edwards N. M.
Gibbs Wm. H., 2948 W Pico
Keays, A. A., 317 E 7th
National Cornice Wks, 1327 Channing
Pulfer L. E., 1222 W 25th
United Cornice Works, 3306 S Main
PASADENA—Dunn W. H.
Munger & Munger
POMONA—Caldwell B. F.
RIVERSIDE—Copley Bros.
Shiels Bros.
SACRAMENTO—Ahl & McLaughlin
Blanchard A. H.
Earle Edw. E.
Latourette-Fical Co.
Scott, Lyman & Stack Co.
Sinclair & Bessey
SALINAS—Anderson & Dougherty
SAN DIEGO—Blair Thos. Sheet Metal Co.
Heilbron Fred A.
San Diego Sheet Metal Works
SAN FRANCISCO—Appmann Cornice Wks 128 Valencia
Conlin & Roberts, 414 Natoma
De Lano Bros., 70 Spear
Finn John Metal Works, 384 2nd
Forderer Cornice Works, 269 Potrero av
Guilfoy Cornice Works, 209 8th
Heidt W. Cornice Works, 152 1st
Ideal Cornice Co., 1040 Howard
Jackson P. H. Co. (Floor Lights), 237 1st
Korell J. A. & Co., 39-47 Isis
Olmo Frank, 3460 Mission
San Francisco Cornice Co., 555 10th
SAN JOSE—Mangrum & Otter Co.
SANTA ANA—Hill S. & Son
McFadden John Co.
Nickey F. P. Hardware Co.
SANTA BARBARA—Boeseke-Dawe Co.
Ott Hardware Co.
SANTA CRUZ—Byrne Bros.
SANTA MARIA—Bryant & Trott Co.
SANTA ROSA—Demmer Chas.

COLORADO.

ADAMOSA—Spriesterbach & Cramer
COLORADO SPRINGS—Bumstead F. E.
Lowell-Meservey Hardware Co.
DENVER—Crosta C. A.
Kessler, Fred
O'Brien, D. L.
DURANGO—Chapman Hardware Co.
FLORENCE—Wilson George
TRINIDAD—Branson & Griswold Hardware Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Cornice Wks.
Drouve G. Co. ("Anti-Pluvius," Puttyless Skylights Only), 40 Tulip
Eames C. S. & Co.
General Sheet Metal Works, 120H Sillman av
Kirk W. P. Co.
Mills L. H. Co.
Park City Cornice Wks., Inc., 56 McKinley av
Reilly J., Jr.
Schietinger & Ladwig
Schwing Jno. Corporation
HARTFORD—Bostwick C. G.
Cullen & Atkinson Co.
Lurie Aaron
Stelling Fred. W. Corp.
MERIDEN—Griswold, Richmond & Glock Co.
NEW HAVEN—Auto Aero Sheet Metal Works
Beegan John B., 952 State
Bradley Co.
Buckingham Routh Co.
Clerkin Andrew J.
Curtiss & Pierpont Co.
Day & Lee Co., 107 Water
Dorman H. W., 243 Congress av
Elm City Cornice Works
Horn, Lowden Co.
Meagher Thos. F., 30 Center
Menzies & Menzies, 196 Orange
New Haven Cornice & Metal Works
Perry H. M., 218 George
Rourke Bros. Co., 834 Grand av
Sheahan & Groark, 235 State
PUTNAM—Chandler & Morse
Ferris Bros.
SOUTH MANCHESTER—Carrier E. T.
Ferris Bros.
TORRINGTON—Moriarty E. A.
WATERBURY—Amer. Sheet Metal Works
Barlow Bros. Co.
Gill John M.
McCarthy D. F.
Temple Thos. P.
Waterbury Sheet Metal Works
Weyand Henry Co.
WATERTOWN—Suffa Jos.
WOODBURY—Hitchcock F. F.

DELAWARE.

WILMINGTON—Cook, H. R.

DISTRICT OF COLUMBIA.

WASHINGTON—Daly & Hopper, 1802 11th, N W
Gichner Ernest, 1107 E N W
Giclas H. J., 1134½ S W
Giclas Louis, 6th & L., N W
Mathy Co., 1918 Pa. av, N W
Thompson J. D. Co., 2609 Penna. av, N W
Wolfsteiner Co., 1315 W. N. W.

FLORIDA.

JACKSONVILLE—Florida Metal Products Co.
Johnson Chas. H.
MIAMI—Bohnert Sheet Metal & Roofing Co., Dept. H
PENSACOLA—Avery A. M.
TAMPA—Berry W. J. & Co.
Eagle Roofing & Art Metal Works

GEORGIA.

ABBEVILLE—Moody E. A.
AMERICUS—Schroeder E. J.
ATLANTA—**DOWMAN-DOZIER MFG. CO.**
Franklin Plbg. & Tinning Co.
Warlick Sheet Metal Mfg. Co.
AUGUSTA—Slusky David & Sons
BRUNSWICK—Daniels Moses
CARROLLTON—Campbell W. S.
CARTERSVILLE—Lumpkin Hardware Co.
COLUMBUS—Gartman W. D.
Russell J. C.
ROME—Neal James
Rome Supply Co.
SAVANNAH—Cox C. A.
Hahne Frank
Pacetti's E. C. Sons
Sanders J. K.

IDAHO.

BOISE—Idaho Hardware & Plumbing Co. (Ltd.)

ILLINOIS.

AURORA—Aurora Cornice Works
Hart Charles H.
Messenger & Parks Mfg. Co.
BATAVIA—Barckley A. J.
BELLEVILLE—Lebknecher L.
BERWYN—Becker F.
BLOOMINGTON—Butler Harry
Muhl F. C. & Son
Read Geo. H. & Bros.
BLUE ISLAND—Schreiber Bros.
BRADLEY—Watson Jas. H. Co.
CHAMPAIGN—Mollett Chas.
CHICAGO—Abbot Cornice Works, 6022 Wentworth av
Abbot Sheet Metal Works, 816 S Wabash av
Abt L., 2651 W 12th
Acme Metal Ceiling Co., 733 S Halsted
Advance Roofing & Sheet Metal Wks, 4830 Cottage Grove av
American Luxfer Prism Co. (Skylights Only), 1305 S 55th
Baker E. & Co. (Galvanized Iron), 608-10 S La Salle *See adv index at end of book*
Biegler Louis Co., 167 N Curtis
Bloomer E. & Co., 530 E 39th
Bremer Henry F., 2227 Ogden av
Burkhardt G. Mfg. Co., 2123 N Clark
Buttenbender Jonas, 4154 Lincoln av
Cauble H. W., 666 W 63d
Chicago Cornice Co., 210 S Western av
Chicago Fire Window & Cornice Co., 1035 W Van Buren
Conen Stephen, 4305 Lincoln av
Dauchy Iron Works (Iron Frame), 223 W Illinois
Eagle Cornice Works, 2726 Sheffield av
Farwell Cornice Co. (Skylights Only), 3935 Southport av
Glatt Jacob, 3640 Dickens av
Glowacki John B. Co., 1440 W 47th
Griffith Cornice Works, 2441 Indiana av
Hamer Fred, 938 W North av
Hempel Max, 3016 E 91st
Henning Bros., 3924 Indiana av
Herr Wm., 1625 W 15th
Hirsch K., 1619 N Claremont av
Jensen C. E., 3331 W North av
Johnson O., 1002 W Randolph
Kitzelman & Dilley Co., 5918 Lowe av
Knisely H. C. Co., 1908 S Western av
Knisley Bros., 2799 S 5th av
Kubick Chas. F., 9270 S Chicago av
Lamberty & Co., 4917 S Ashland av
Lengacher Wm., 2046 Larrabee
McFarland J. C. Co., 3551 Parnell, Dept. H
McFarland J. C. Co., 520 W 36th
Masterton Albert E., 9108 Baltimore av
Meisel Ferdinand, 1439 N Halsted

ILLINOIS—Chicago—continued
Miller Jas. A. & Bro., 427 N Ashland
National Metallic Sash Co., 355 Union Park
Noble E. M. & Co., 108 S Desplaines
Noyes E. A., 1606 W Lake
Perkinson & Brown (Skylight), 412 N Lincoln
Prairie Frank, 3424 S State
Rickert M. H., 2635 W Madison
Rosch Math., 2937 N Ashland av
Roschill Cornice Works, 5909 N Clark
Rysdon E. A. & Co., 527 W 41st
Rysdon Louis S. & Co., 3319 Wallace
Schmidt H. & Co., 451 S Clark
Schmidt Saml. (Galv. & Copper), 162 N Desplaines
Schultz D. D., 2047 W 22d
Slavik & Co., 1500 Blue Island av
Smith J. & Co., 2755 W 22d
South Side Cornice Works, 4324 Cottage Grove av
Spalten Bros., 1240 S Crawford av
Spitzer Cornice Works, 1061 Addison
Staar Frank, 1473 N Halsted
Sykes Co., 930 W 19th pl
Teuffer Chas., 4816 W Erie
Tumpach Jos. Cornice Co., 2431 S Kedzie av
Universal Cornice & Roofing Co., 2241 S Troy
Vallas Wm. H., 2855 W Lake
Wagner Bros., 1010 Diversey P'kway
Warner Chas. W., 522 W Harrison
Yeldham Herman J. Co., 1126 Van Buren
Zakrzewsky Herman, 6812 N Clark
DANVILLE—Dettman Wm. C.
King Bros.
DECATUR—Barringer Wm. C.
Central Cornice & Roofing Works
Decatur Cornice & Roofing Co.
DE KALB—Knodle B. C.
DIXON—Hofmann John
EAST ST. LOUIS—Haines O. J. & Son
Hogan Sheet Metal Works
EDINBURG—Ballet Jacob
EDWARDSVILLE—Bernreuther Fred
EFFINGHAM—Feldhake J. J.
GALESBURG—Galesburg Sheet Metal Works
Metal Barrel Co.
Willis Mfg. Co.
HIGHLAND PARK—Purdy D. C. & Sons
JACKSONVILLE—Brennan Joseph F.
JOLIET—Barrett Harware Co.
Bush & Handwerk
Meers R.
KANKAKEE—Reuter Henry & Sons
LA GRANGE—Mattingly John G
LA SALLE—Boyle Thomas
Camenisch John
LEBANON—Sager C. H. Hardware Co.
LINCOLN—Dehner & Wershey
MATTOON—Weber O. B.
MENDOTA—Edwards Geo. B.
MOLINE—Reid Co.
Willis & Sons Co.
MONTICELLO—Harris H. P.
MORRIS—Cronin Daniel G.
MURPHYSBORO—Stoelzle John & Bro.
OAK PARK—Zenner & Son
OLNEY—Jolly, Welland & Richardson Co.
ONARGA—Amerman M. T.
OTTAWA—Paisley Wm. C. Roofing Co.
Pearson's Saml. S. Sons
Walter John & Sons (Slate & Metal)
PEORIA—Aylward R. C.
Bushell A. A. & Son
Hierspiel Bros.
Hunter & Strehlow Co.
Johnson Chas. Hdw. Co.
Kavanaugh Patrick H.
Meyer F. & Bro. Co.
Peoria Roofing Co.
QUINCY—Berghofer Mitchell Co.
Comstock-Castle Stove Co.
Scheipering Gustav
Schell & Kroner
Winking Geo.
Wurst C. H. Co.
ROCKFORD—Drake-Tucker Hdw. Co.
Harder A. P.
McGuire B. W.
ROCK ISLAND—Allen Nyers & Co.
Bertelsen John
SPRINGFIELD—Armstrong Bros.
Edmonds F. E.
Foster Sheet Metal Co.
Illinois Art Metal Co.
Matheis Hardware Co.
Neuman J. C.
Robinson, Henson Co.
STERLING—Taylor F. R. & Co.
Trager Frank A.
STREATOR—Alband John
Howe A. J.
SYCAMORE—Ohlmacher C. J. & Co.

INDIANA.

COLUMBUS—Brooks Bros.
CONNERSVILLE—Cain H. & Co.
ELKHART—Borneman & Sons
Garvin & Co.
EVANSVILLE—Groeninger J. J. Co.
International Steel & Iron Co.
Lohse H. Co.
Mesker Geo. L. & Co.
Schminke H. Co.
FORT WAYNE—Gerding & Aumann
Gunkel Otto F.
Miller C. & Son
Seavey Hardware Co.
Welch J. H. & Sons
GOSHEN—Manrow Sheet Metal Wks.
HAMMOND—Hammond Cornice Works
HUNTINGTON—Bridge, Lewis & Sons
INDIANAPOLIS—Ensey Orvis B.
Frick Julius C., 3040 Baltimore av
Gardner Joseph
Hornbrooke-Price Co., 1970 Madison av
Indianapolis Roofing Co., 155 Kentucky av
Off Christian & Co.
KOKOMO—Cain Milo
LAFAYETTE—Co-Operative Tin Shop
Schimplefenig Chas.
Shipley Hardware Co.
LAPORTE—Decker Louis
McFarland J. C. Co., Dept. H
LAWRENCEBURG—Stuber F. & Son
LOGANSPORT—Flanegin Hardware Co.
MADISON—Eckerts John Sons
Hoffman Peter
Quinn P. J.
MARION—Beshore Chas. & Co.
Hollinger M. G. & Co.
Swanger & McClain
MICHIGAN CITY—Bartholomew & Co.
Staiger Hdw. Co.
MISHAWAKA—Distler John C.
Lang O. E. & Co.
Swanger J. Q. Jr.
MONROEVILLE—Nill Thos. A.
MONTEZUMA—Sharp Al
MOUNT VERNON—Schenk E. B. Hdwe. Co.
MUNCIE—Doyle Thos. F.
Warfel W. H.
Wells Arthur T.
NORTH MANCHESTER—Lockwood John B.
OLDENBURG—Schmidt Geo.
RICHMOND—Johanning Chas.
Ruch John
Schultz & Laning
RUSHVILLE—Beale Bros.
SHELBYVILLE—Brown Walter E.
Howard Alonzo
Pearson J. C.
SOUTH BEND—Lauber J. C. & Co.
Meyer G. E. & Son
TERRE HAUTE—Braden Mfg. Co.
Deady P. F.
Dudley A. W. Co.
Smith's C. C. & Sons Co.
Terre Haute Furnace & Sheet Metal Co.
VALPARAISO—Findling H. M.
VINCENNES—Dubois F.
Lauby C. W.
Vincennes Galvanized Iron Works
WASHINGTON—Gross F. H.

IOWA.

AUDUBON—Reinemund Hardware Co.,
BURLINGTON—Forney J. H.
Haffner Chas.
Hilien Frank
CEDAR RAPIDS—Cedar Rapids Cornice Co.
Grissel J. P. Cornice Co.
CHARITON—Ensley G. W.
CLINTON—Armstrong C. E. & Sons
COUNCIL BLUFFS—Amy W. S.
Spencer F. A.
DAVENPORT—Hipwell Chas. G.
Reimers Peter A.
DES MOINES—Backman Sheet Metal Works
Des Moines Sheet Metal Co.
Kurtz L. H. Co.
St. John & Barquist
Schlater R. H.
Steel Roofing & Stamping Works
DUBUQUE—Geisler Bros.
Klauer Mfg. Co.
ELDORA—Stauffer, Van Avery Co.
INDEPENDENCE—Plane I. C.
IOWA CITY—Maresh Wm.
LYONS—Parker Bros.
MUSCATINE—McQuesten Hardware Co.
Thompson Bros. Co.
NEW HAMPTON—Garmen & Forkenbrock
OSKALOOSA—Hamilton & Hamilton
Wells & Stump
OTTUMWA—Harper & McIntire Co.
Haw Hardware Co.
McCarroll Bros.
SIOUX CITY—Central Cornice Works
Friend Bros.
Inter-State Cornice Works
Larson C. A.
Sioux City Sheet Metal Works
STATE CENTER—McMahon & Son
McMahon J. L. & Son
WATERLOO—Lichty B. F. & Son
Waterloo Mfg. Co.

KANSAS.

ATCHISON—Klostermeier Bros. Hardware Co.
Weinmann C. F.
CONCORDIA—Blair J. F.
EMPORIA—Knapp O. H. P.
FORT SCOTT—Congdon D. C.
IOLA—Root W. H.
JUNCTION CITY—Muenzenmayer J. J. & W. F.
LEAVENWORTH—Hoffman S. C.
NEWTON—Bachman C. A.
OTTAWA—Elder Mercantile Co.
PITTSBURGH—Beasley & Miller
SALINA—Kastner Chas.
TOPEKA—Forbes D. H.
Nussbeck John G.
Van Dorp L.
WICHITA—Buckley Fred
Martin Metal Mfg. Co.

KENTUCKY.

ASHLAND—Phelps Frank K.
CARROLLTON—Salyers C. D. & Son
COVINGTON—Brown R. L.
Glaser Wm. A.
Gottschalk F. S. Furnace & Roofing Co.
Moeschl-Edwards Corrugating Co.
Rasch C. F. Sons
DAYTON—Poos John
LEXINGTON—Bitterman E.
LOUISVILLE—Belknap Hardware & Mfg. Co.
Everett J. Guy Co., 1119 W Market
Falls City Cornice & Roofing Co.
Fink Philip & Sons, 213 S 1st
Geher Fischer & Co., 227 S 2d
Harpring L. H. & Bro., 1236 S Shelby
Heartick E. G., 915 E B'way
Louisville Cornice & Roofing Co.
Schreick J. & Co., 906 S Preston
Shaber W. F. Co., 730 S 12th
Wagner's J. F. Sons Co.
MAYSVILLE—Leonard & Lally
McClanahan & Shea
Rasp R. & W.
NEWPORT—Rust Lawrence & Sons
Wagenlander Jos.
OWENSBORO—Guenther Hardware Co.
Southern Foundry Co.
PADUCAH—Davis G. R.
Maret & Kauger

LOUISIANA.

NAPOLEONVILLE—Blanchard Bros.
NEW IBERIA—Ribbeck F. J.
NEW ORLEANS—Algiers Cornice & Plumbing Works, 157 Delaronde
American Sheet Metal Works, 3427 S Carrollton
Eichorn Mrs. Ludwig
Gulf Galvanized & Metal Works, 2845 Magazine
Holzer R. G. (Est. of)
Louisiana Cornice Works
New Orleans Cornice Works Co., Cortez & Orleans
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans
Orleans Steel Products Co., Inc., 1021 Bienville
Redmond B. V. & Son, 309 Decatur
Woodward Wight & Co., Constance & Howard
SHREVEPORT—Bain H. H. Sheet Metal Works
Wortman J. R.

MAINE.

AUGUSTA—Malcolm & Dyer Co., 159 Water
Taber & Reid 269 Water
BATH—Barton Geo. H. W.
Rogers C. W.
Winslow J. A. & Son
BELFAST Stickney John B.
BIDDEFORD—Anthoine Geo. A.
BRUNSWICK—Ridley Geo. B. & Sons
EASTPORT—Martin E. S & Son Co.
Spates Wm. T.
LEWISTON—Stetson Jos. H. Co.
MACHIAS—Crane Bros.
NEWPORT—Deering R. A. & Son
NORWAY—Leavitt W. C. Co.
OLD ORCHARD—Robinson Wm. B. & Co.
PORTLAND Alexander A. R.
Hollivan & Parker
McBrady Jno. E. & Son
Nash F. & C. B. Co.
Nash O. M. & D. W.
Scott Wm. H. Co.
Wheeler F. E.
ROCKLAND—Sleeper Bros.
SKOWHEGAN—Wood F. A.
WALDBORO—Curtis C. H.
Richards Bros.

MARYLAND.

BALTIMORE—Cotton Wm. E. & Co., 1600 Hartford av
Fingles W. A., 29 S Howard
Fitzberger Thos. F., 202 Clay
Heil John C., 1204 N Gay
Hetzel John G. & Son, Paca & Mulberry
Kirwan Wm. T. A. & Son, Barney & Westphal av
Lenderking P. H. Jr., Linwood av & Dillon
Monumental Cornice Works, 322 Hartford av
Moss Morris L., 38 S Eden
Northwestern Cornice Works, 1500 Penn av
Philipp-Kell Co., Inc., Holliday & Center
Purnell Art Co., 309 N Charles
Valle & Young, Ridgely & Bush
Vollenweider J., 1506 Penna av
Ward Wilbur F., 20 W Pratt
Wilhelm J. Frank, 1050 Myrtle av
Zeller Wm. F. & Co., 1119 Denver
EASTON—Hartnett W. J.
Shannahan & Wrightson Hardware Co.
HAGERSTOWN—Danzer Metal Works
HAVRE DE GRACE—Murphy J. T.
ROCKVILLE—Viett & Co.
SALISBURY—Dorman & Smyth Hdwe Co.
Gunby L. W. Co.

MASSACHUSETTS.

ASHLAND—Angier Mills ("Rubberglass")
Enslin Franklin & Co.
ATTLEBORO—Flynn Wm. F. & Son
BOSTON—Ames & Ginty, Hereford
Badger E. B. & Sons Co. (Also Copper), 75A Pitts
See adv index at end of book
Boston Roofing Co., 6 Beacon
Buchanan Geo. J. Co., 87 Commercial Wharf
Cambridge Cornice & Sheet Metal Wks., 16 E Dedham
Feeney John, 1 N Grove
Finkelstein M., 37 Spring
Harrigan J. & Son, 111 Liverpool E
Hicks S. D. & Son, 9 Bowker
Hind Thos. J., 49 Milk
Hub Cornice & Roofing Co., 134 Endicott
Hub Cornice & Skylight Co., 43 Bristol
Jeffers Wm., 77 Joy
Kalman Joseph & Son, 361 Chelsea E B
Labovich B., 1250 Tremont
Maguire W. J., 46 Cornhill
Mayberger Edw. F., 1 Hubert
Mendum Jos. W., 278 Bennington, E B
Murtfeldt W. A. Co., 161 Devonshire
New England Cornice Co., 248 Bremen
Pemple Fr., 17 Bismarck
Pemple Geo. C., 27 Eustis
Penn Metal Co., 65 Franklin
Van Noorden E. & Co., 100 Magazine
West End Cornice Co., 13 Lindall pl
Williams & Poore, 22 Medford
BROCKTON—Carr J. E. & Sons
CAMBRIDGE—Brock Bros.
Columbia Cornice Co.
Eagle Cornice & Skylight Works
Flynn T. J. Metal Wks.
Smith A. & Co.
CHICOPEE FALLS—Enright P. J Co.
CLINTON—Maitland Robert & Son
O'Toole Bros.
FAIRHAVEN—Delano C. F.
Forrest E. W.
FALL RIVER—Fall River Sheet Metal & Cornice Works
Hughes James T.
Wilcox D. T.
FITCHBURG — Fitchburg Heating & Plumbing Co.
Hart Patrick J.
Jennison Co.
HOLYOKE—Friedrich E. H. Co.
Richter Otto F.
Ruppert R. A. Co.
Shea & Co.
Sullivan & Carmody
LAWRENCE—Forbes Wm. & Sons
Horne Geo. W. Co.
Smart Geo. B. & Co.
Wilson Andrew Co., 616 Essex
See adv index at end of book
LEOMINSTER—Burrage H. E. & Co.
LOWELL—Carroll Bros.
Cushing D. & Co.
Gordon James L.
Lowell Furnace Co.
Mack W. A. & Co.
Stewart J. W. Co.
Wilder H. H. & Co.
LYNN—Bee's John D. Sons
MALDEN—West Alonzo A.
MANCHESTER—Beaton D. T.
Carter J. W. Co.
MARLBORO—Hall G. R. & Co.
Hill W. H.
MELROSE—Brock Bros.
METHUEN—Sanborn Furnace Co.
NEW BEDFORD—Wood, & Brightman Co.
ROCKPORT—Smith L. E.
Thurston & Hale
SOUTHBRIDGE—Winter G. C.
SOUTH HADLEY FALLS—Moriarty Bros.
SPRINGFIELD—Atwater E. C. & Co.
Brunton M. J. Jr.
Estabrook Geo. R.
Hampden Cornice Works
Pratt A. J.
Radding Co.
Treuchet F. E., 33 Sanford
STOUGHTON—Burrell H. G.
Deacon D.
TAUNTON—Munroe Plumbing Co.
Whitmarsh I. F. Co.
Wordell E. & Son
WALPOLE—Spear H. A. Jr.
WALTHAM—Carr F. C.
Codyer & Cavanaugh
WEBSTER—Rosebrooks & Cummings
WORCESTER—Barnard Geo. A.
McNally D. E. & Co., 24 Houghton
New England Steel Roofing Co.

MICHIGAN.

ALLEGAN—Phillips Bros.
BATTLE CREEK—Battle Creek Furnace & Roofing Co.
McCallum Wm.
BAY CITY—Walther A. & Sons
CALUMET—Carlton Hardware Co.
CASSOPOLIS—Hayden W. B. & Sons Co.
CHARLEVOIX—Charlevoix Hardware Co.
CHEBOYGAN—Post J. J. Hardware Co. (Ltd.)
COLDWATER—Allen D. C. & Co.
Kerr Bros. Co.
DETROIT—Acme Roofing Co., 210 Moran
American Roofing Co., 634 Gratiot av
Basman A. M. & Co., 468 W Fort
Berschbach & Herz, 634 Gratiot av
Bertling Paul C. & Son Galvanizing & Sheet Metal Works, Hancock & 18th
Borgman A. J., 765 Forest av E
Burton W. J. Co., Junction & Leavitt ave
Candler Geo. V. Co., 1092 Jefferson av, E
Candler J. D. Roofing Co., 179 High, E
Candler Robt. Co., 963 Beaubien
Clark James F., 15 Grant ct
Cowan Edw., 175 Larned, W.
Cross Bros., 2330 Woodward
Detroit Cornice & Slate Co., 147 Antoine
Eagle Cornice & Roofing Co., 959 W Fort
Gilbert G. W. & Son
Hines H. C. & Co., 354 Humboldt av
Home Roofing Co., 263 Winder
Howie Roofing Co.
Hutton Robt. Co., 116 Fort, E
Lewis Henry B., Ferry av & G. T. Ry.
Looman W. J., 856 E. Gd. blvd.
Mahon R. C. Co., St. Aubin & E Grd. blvd.
Marshall W. E., 628 Sheridan av
Michigan Cornice & Slate Wks., 117 Fort E
Milleville Bros., 679 Kercheval av
Motz W. E., 1197 Michigan
Orth Adam J. Co., 170 Hastings
Patlajohn L. Roofing Co., 657 Antoinil
Pudrith A. F. Co., 301 Fort, E
Sexauer Chas. Roofing Co., 148 Sherman
Steyer Wm. F., 293 Pierce
Union Sheet Metal Works, 317 Farnsworth
Venderbush & Looman Co.
Verhaeghe A., 564 Mt. Elliott
Wrench C. E.
Young Bros. Co., 6500H Mack
ESCANABA—Delta Hdw. Co.
Escanaba Hdw. Co.
EVART—Smith J. K.
FREMONT—Hain G. E. Co.
GRAND RAPIDS—Grand Rapids Sheet Metal & Roofing Co.
Hopson W. C. Co.
Sokup F. J.
Sproul & McGurrin Co.
Weatherly Co.
HOLLAND—Van Landegend G. A.
Van Landegend Tyler
HOUGHTON—Portage Lake Hdw. Co. (Ltd.)
HOWELL — Schroeder-Rutka Hardware Co.
ISHPEMING—Eggan Fred J
Jochim J. W. Hardware Co. (Ltd.)
JACKSON—Creque & Thurston
Daly & Rutherford
McGraw & Crone
McLean Frank & Co.
Oleslager John B.
KALAMAZOO—A. & D. Sheet Metal Works
Kalamazoo Sheet Metal Mfg. Co.
LANSING—Fleming Jas.
LAPEER—Gray Sidney T.
LUDINGTON—Bradl Frank
Goodsell B. J. Hdw. Co.
MANISTEE—Manistee Iron Works Co.
MARQUETTE—Clark D. M.
Manhard M. R. & Son
MENOMINEE—Bertholdt H. C.
Fernstrum Frank G.
Northern Hardware & Supply Co.
MIDLAND—Reardon & Beckwith Merc. Co.
MUSKEGON—Towner Hardware Co.
NEGAUNEE—Lucas H. N.
NORTHVILLE—Huff James A.
PLYMOUTH—Connor Hardware Co. Ltd.
PORT HURON—Dart James A. & Son
QUINCY—Cole S. B.
SAGINAW—Jacobi Alex.
Leyerer J. S. & Co.
Taub H. L.
Valley Cornice & Slate Co., (Ltd.) (Also Copper)
SAULT SAINTE MARIE—Soo Hdw. Co.
SHELBY—Rankin A. J.
TECUMSEH—Satterthwaite Bros.
VASSAR—Dean H. C.

MINNESOTA.

DULUTH—Burrell & Co.
Deetz Sheet Metal & Roofing Co.
Duluth Corrugating & Roofing Co.
Hollihan & Milostan
FERGUS FALLS—Bauer Jos.
MINNEAPOLIS—Berger Mfg. Co.
Durgin & Son
Gerber J. J., 128 6th av S
Henning Julius, 315 Plymouth, N.
Minneapolis Roofing & Cornice Co., 310½ Oak S E
Nees Louis, 240 12th av
Northwestern Roofing, Cornice & Stamping Works, 1111 S 5th
Seelye A. T., 700 E Hennepin av
Selden Roofing & Manufacturing Co., 76 Western av
Stremel Bros. Roofing & Cornice Co., 1314 N 3rd
Swenson A., 1021 James av, N
Townsend A. W., 20 S 2nd av
Wishart R. S. Co.
NORTHFIELD—Northfield Furnace Co.
OWATONNA—Parrott & Smith
ST. CLOUD—Ladner C. F. Hardware Co.
Powell Hardware Co.
ST. PAUL—Griffin & Boehme, 350 W University av
Minnesota Roofing & Cornice Works, 135 E 12th
St. Paul Roofing, Cornice & Ornament Co.
Staples Bros., 218 S Wabasha
ST. PETER—Feldman Chas. H.
VIRGINIA—Virginia Roofing & Cornice Co
WINONA—Magnus Henry

MISSISSIPPI.

VICKSBURG—Bruser W. H.
YAZOO CITY—Cummings M. F.
Jenne Geo.

MISSOURI.

BOONVILLE—Vanatta Mrs. F. M.
BUTLER—Bennett-Wheeler Mer. Co.
CAPE GIRARDEAU—Brunkhorst A. F.
Vogel W. H.
DE SOTO—Slawson A. F.
HERMANN—Eberlin Christ & Son
INDEPENDENCE—Hill Martin & Hill
JOPLIN—Joplin Cornice Works
Wenzel F. M. Sheet Metal Co.
KANSAS CITY—Haftenkamp G., 34th & Prospect av
Kansas City Furnace Co., 326H W 6th
Kansas City Galvanizing & Mfg. Co., Park & Edgar avs
K. C. Sheet Metal & Furnace Co., 3803 Woodward
Kornbrodt Kornice Kompany, 1811 Troost av
McClelland R. H., 4220 E 56th
Stoplet P. S. Sheet Metal Works, 12 E Missouri av
Vanstone Walter, 2910 E 18th
Weis Henry Cornice Co., 4124 E 12th
Wiedenman W. C., 1820 Harrison
Zahner Mfg. Co.
LEXINGTON—Marrs Wm. S.
Schawe G. C.
Yingling C. E.
Weis F. W.
MOBERLY—Stauffer P.
NEOSHO—Briggs Hardware Co.
NEVADA—Norman W. F. Sheet Metal Mfg. Co.
ST. JOSEPH—Seaman & Schuske Metal Works Co.
Wehrman Wm.
Whelan Alex. T.
ST. LOUIS—Albert & Fischer Hardware & Sheet Metal Co., 2524 S 7th.
Auer F. E., 2528 Dodier
Axtheim August W., 1604 Tower Grove av
Bannantine Galvanized Iron Mfg. Co., 117 Soulard
Blohm Chas. H., 1120 Emmet
Caplan Galvanized Iron Cornice Co., 4414 Easton av
Clemens Jno. Galvanized Iron Works, 1922 S 7th
Eberle Cornice Co., 4014 Laclede av
Euclid Furnace & Cornice Works, 796 N Euclid av
Fleck Chas. W., 2016 Cherokee
Gerock Bros. Mfg. Co., 1252 S Vandeventer av
Gruendler A. H., 1018 Cass av
Hammond Sheet Metal Mfg. Co., 2nd & Cass av
Higgins J. F. & Co., 5751 Easton av
Hopmann Cornice Co., 2573 Benton
Huber & Richardson, 3744 St. Louis av
Kohlmeyer Geo. E., 3222 N B'way
Mesker Bros. Iron Co., 421 S 6th
Mound Rose Cornice Co., 726 N Euclid av
Murphy E. & Co., 3724 Cass av
Palubiak & Son, 4107 Chippewa
Powers & Boyd Cornice & Roofing Co., 3614 Laclede av
Rowland Sheet Iron & Cornice Works, 3713 Cass av
Ruth Jno. F., 4249 Easton av
Souther E. E. Iron Co., Klenlin & Hamburger
Stark Henry & Co., 2105 Gravois
Tiernan Luke, 1019 Chestnut
Von der Au & Cluss Mfg. Co., 2408 S Jefferson
Wellston Galv. Iron & Cornice Works, 6222 Easton av
West End Cornice Works, 3524 Lindell
Wilsdorf M. A., 213 St. George
West End Cornice Works, 925 Clarendon
Zitko Chas., 3524 Lindal
Zuber Mfg. Co., 3117 S B'way
SPRINGFIELD — Anslinger Sheet Metal Works Co.
Kirby & Naber
Raymond Heating Co.
Wellhener Wm. Heating & Sheet Metal Co.

MONTANA.

BOZEMAN—McCay H. B.
BUTTE—Dorhoffer F. J. Co.
GREAT FALLS—Great Falls Iron Works
Murphy-McClay Hardware Co.
HELENA—Adams Heating Plumbing Co.
McKinnon H. A.
Mitchell John

NEBRASKA.

BEATRICE—Spieler Jos.
HASTINGS—Still Joseph H.
HOOPER—Heine J. F. & Son
KEARNEY—Kearney Hardware Co.

NEBRASKA—continued
LINCOLN—Lincoln Cornice & Metal Wks
NORTH PLATTE—Fillion Jos.
OMAHA—Biorson Sheet Metal Works
Carter Sheet Metal Co.
Epeneter G. F. Cornice Works
PLATTSMOUTH—Kroehler Bros.

NEVADA.

RENO—Nevada Sheet Metal Works

NEW HAMPSHIRE.

CONCORD—Bailey W. T. & Co.
MANCHESTER—Bisson & Jodoin, 124 Franklin
Lawson H. J.
O'Brien M.
Pike & Heald Co.
PORTSMOUTH—Paul W. E.
Sweetser J. G.

NEW JERSEY.

ATLANTIC CITY—Currie Co.
BAYONNE—Bayonne Cornice & Skylight Co.
Devaney Jno. J. & Co.
Gilbertson J.
BERNARDSVILLE—Griffith C. H.
BOONTON—Kopps Jno. I. Sons
BOUND BROOK—Williams Thos. F.
CAMDEN—Metallic Mfg. Co.
ELIZABETH—Elizabeth Cornice Works
Faulks Jas. H. Co.
ENGLEWOOD—Beck Wm.
Dubois Chas. L.
Hickey & Baker
HARRISON—Godby W. H. & Bro.
HIGHTSTOWN—Taylor Jas. A.
HOBOKEN—Dorsett T. W. Co.
Leonard Sheet Metal Works
IRVINGTON—Central Cornice & Skylight Works
JERSEY CITY—Anderson Bros. Co., 394 Grove
Donavan D. F., 505 Newark av
NATIONAL SHEET METAL ROOFING CO. (Galvanized & Copper Sheet Metal Frame), 339 Grand
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Pfistner Frederick, 108 Lincoln
Rader Henry, 27 Thorne
Ringle Jacob & Son, 472 Grand
Schreck & Waelty, 27 Hague
LONG BRANCH—Warwick W. R.
NEWARK—Allwood J. R. & Son, 39 Marshall
Baier & Conrad, 336 Hunterdon
Berla Elias, 232 Mulberry
Ding & Teuschler, 11 Holland
Engelberger F. & W. V. Co., 159 Jelliff av
Essex Cornice Works, 61 Polk
Hammond Theo. C., 13 Ferry
Newark Cornice & Skylight Works, 9 17th av
Pfennig J., 24 Hamberg pl
Schaefer Wm. F., 692 S 11th
Schwing & Co., 190 Ferry
Simpson Albert J., 223 Clinton av
Smith Frank F. Hdwre. Co.
Steinberg Jacob, 229 Belmont av
PASSAIC—Falstrom & Torquist Co.
PATERSON—Lendrim H. C. Co.
McNeill Lawrence W.
Quinn Bros.
Rogers Andrew J. Co.
PRINCETON—Margerum H. W.
Stryker A. Y.
RARITAN—Wyckoff J. C. & Son
SALEM—Righter J. C.
SCOTCH PLAINS—Jahn's Robt. Sons
TRENTON—Carlls C. W. Sons, Warren & Front
WEST HOBOKEN—Gutschmidt W. H.
Malecot P. B. & Co.
Sutter Louis
WEST NEW YORK—Gronborg C. C.
WOODBURY—Muller Harry

NEW YORK.

ALBANY—Ackroyd Jas. & Sons
Fitz Gerald Jno. L.
Gorman Jas. J.
Hoffman J. H. B.
Walsh Jas. D. Sons
AMSTERDAM—Dwyer Cornelius
AUBURN—Hungerford J. A.
BINGHAMTON—Freeman E. G. & Co.
McIntyre & Walter
Lynch's Jno. R. Sons
Young J. J.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bauer's Chas. Sons, 159 William
Christman Phillip & Sons Co., 858 Virginia
Degenhart & Co., 1846 Niagara
Elsinghorst John H., 574 Michigan
Fisher Martin & Sons, 438 Pearl
Gruber Rupert & Co., 541 Sherman
Machwirth Bros. Co. (Also Copper, etc), 201-9 Oak
Peters G. H. Co., 293 Oak
Rademacher Bros., 343 Fox
Roty A., 206 High
CATSKILL—Day & Holt Co.
CATTARAUGUS—Eberlee T. J.
CUBA—Sisson & Smalley
DOBBS FERRY—Siess A. C.
ELMIRA—Barker, Rose & Clinton Co.
Young Chas. W.
FORT PLAIN—Linney W. T.
Stewart & Bergen Co.
FULTON—Johnston Geo.
GLENS FALLS—Adams G. E.
HUDSON—Macy Frank R.
JAMAICA—(See New York City, Borough of Queens)
KINGSTON—Wieber & Walter
LESTERSHIRE—Becker C. D.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Hartman Wm. T.
Marshall Barrick Co.
MOHAWK—Richardson Co.
MORAVIA—Small F. & Son
MOUNT VERNON—Norden J.
NEWBURGH—Atlas Roofing Co.
NEW ROCHELLE—Heintz W. H.
Helmrich Geo.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Ahern A. W., 8812 24th av
Blecher Bros. Co., 49 Nostrand av
Bloch Jos. Co., 90 Bushwick av
Bloom Percy & Co., 205 Washington
Buchanan Wm., 488 Sumner av
Buell C. S. Co., 198 Fourth av
Burger & Gohlke, 232 Seventh
Cohen Henry, 1340 Fulton
Craig & Brown, 421 20th
Davis Jno, 170 Court
Friedburg & Son, 278 Division av
Friedman S. M. Co., 95 Cedar
Fuchs Louis, 76 Vermont
Gartenberg M. Co., 426 6th av
Gorlitz S., 65 Reid av
Haines A., 100 Fulton
Halpin Jas., 1718 Fulton
Herrmann & Grace Co., 671 Bergen
Hoellerer Jos., 91 Union av
Kuhnia August, 10 Lorimer
Muller E. A. & Bro., 687 4th av
Ostergren Samuel, 725 3d av
Seton Frank J., 78 Washington av
Waldhauer, Stevens Co., 1721 Nostrand av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th av
Albach Theo., 335 E 133rd
Amalgamated Cornice Roofing Co., 161 Broome
American Three Way Luxfer Prism Co., 139 Spring
Anderson Albin Co., 291 E 137th
Architectural Cornice & Skylight Works, 4077 Park av
Architectural Metal Works, 157 E 85th
Bauman Jos. & Son, 61 E 4th
Berglung Chas. & Son, 236 E 47th
Bickelhaupt Geo., Skylight works, 722 11th av
Bickhardt Andrew, 3540 Bronx blvd
Biller & Spawn, 81 1st
Blayer Chr., 161 W 145th
Blechner Bros., 43 1st
Blechner's Albert Sons, 677 Bergen av
Borkel Jno. & Co., 42 E. Houston
Breivogel Geo., 46 Rose
Bronx Metal Works, 1833 Washington av
Central Cornice Works, 336 W 37th
Central Sheet Metal Works ("Maxbar"), 260 E 78th
Christiansen Chas., 276 Water
City Cornice & Skylight Co., 267 W 35th
Deutsch Jacob, 232 Chrystie
Dietze Oscar, 208 E 74th
Dugan Geo. A. Co., 200 5th av
Dunn, L. J., 1976 Lexington av
Eastern Cornice & Roofing Co., 9 Rutgers
Erker Adam M., 432 W 37th
Essenwanger Chas. & Son, 280 E 148th
Fager John A., 213 E 144th
Feiner P., 335 W 44th
Fessler David, 347 E 105th
Fordham Cornice Works, 1004 Tremont av
Forster J., 413 E 53d
Freyberg Richard H., 2308 2d av
Fulton Cornice & Skylight Works, 5 Rivington
Greenberg Guarantee Roofing Co., 22 Catharine
Guarantee Roofing Co., 61 E 4th
Guarantee Sheet Metal Works, 439 E 23d
Harrison M. & Son, 214 E 52d
Hayes Geo. Co., 311 E 23d
Hell Gate Sheet Metal Works, 236 E 95th
Hilts Wm. H. Co., 82 W 3d
Hinz Albert, 403 E 16th
Izmirian Chas. Cornice & Roofing Co., 4417 3d av
Kalbert Adolph & Son, 170 E 3d
Katz Saml., 439 E 23d
Klein A., 383 E 34th
Lauber Albert, 433 W 42d
Maltby Prism Co., Flatiron bldg
Manhattan Roofing Co., 133 E 118th
May Wm. M. Co., 537 W 54th
Moritz Isaac, 1192 2d av
Morrow John Co., 313 W 20th
Mulberry Roofing Co., 46 Greenwich
Muller R. & O., 358 E 151st
Murphy Geo. M., 43 New Chambers
National Cornice & Skylight Works, 417 E 9th
National Ventilating Co., 337 E 26th
New York Cornice Works, 230 E 22d
Nicholson & Galloway, 646 Hudson
Oppel Rudolph, 230 E 22d
Perfect Cornice & Roofing Co., 457 E 180th
Perske Frank, 439 E 92d
Peters Wm. C., 1859 Carter av
Pfeifer Bros., 473 Greenwich
Pfeiffer E., 1263 Jerome av
Preusser Jno., 302 W 122d
Rosenfeld I., 274 Av B
Samlovitz Max, 260 E 78th
Saron David, 2164 Madison av
Schumacher J. Sheet Metal Works, 3464 3d av
Schwoerer A. Constr. Co. 140 W 42d
Shapiro David, 3474 3d av
Sobel & Kraus, 307 W 117th
Sommerfeld A., 4077 Park av
Standard Utility Co., 225 Lexington av
Star Cornice, Skylight & Roofing Works, 569 3d av
Storch L. A. & Co., 517 E 73d
Superior & Skylight, 643 1st av
Universal Skylight Co., 519 E 73d
Vogt Geo. J., 305 E 60th
Washington Guarantee Roofing Co., 718 Westchester av
Weinstock & Cohn, 170 E 32nd
Westergren M. F., Inc., 213 E 144th
Zimmermann V., 3610 3d av

Borough of Queens.

LONG ISLAND CITY—American Bar Lock Co., Borden av
Brodie Wm., 307 Jackson av
Jeter A H. & Co., 91 Webster av
Petry John W. Co., 87 5th

Borough of Richmond.

TOMPKINSVILLE—Girrbach Paul, St. John's pl.

(End of New York City)

NEW YORK MILLS—Hastings M. E.
NIAGARA FALLS—Machwirth Bros. Co.
OLEAN—Pierce O. W. Co.
ONEIDA—Lype Bros.
PENN YAN—Hollowell & Wise Co.
POUGHKEEPSIE—Adriance Plumbing & Heating Co.
Aldrich Elbert
RAVENA—Strevell & De Friest Hdw. Co.
RED HOOK—Curtis J. A.
ROCHESTER—Calder Robt. Co., 86 Exchange
Fricker John Co., 10 Ely
Knowles & Peck, 50 Franklin
National Skylight & Ventilator Co.
Schoenemann Fred, 464 St. Paul
Siddons John Co.
RONDOUT—(See Kingston)
ROUSES POINT—Chilton Geo.
SCHENECTADY—Allen Jno.
Case Levi & Co.
Craig & Vrooman
MacGregor Thos. F.
Vrooman's J. V. Sons Co.
SHELTER ISLAND HEIGHTS—Harris C. S.
SYRACUSE—Bradford & Deruchie, 439 E Water
Cashman & McCarthy, 372 W Fayette
Curran Jas.
Gooley W. F., 1911 W Fayette
Talbott Thos. & Son, 240 W Water
TONAWANDA—Koenig H. B.
TROY—Loeble Herman G.
Manogue Edward Co.
WARWICK—Montross A. W.
Ogden & Co.
WATERTOWN—Arthur H. S. & Sons Co.
McCrady A. C.
WATKINS—Durland L. H. Son & Co.
WELLSVILLE—Hoyt Hdw. Co.
WHITE PLAINS—Fowler & Sellars Co
YONKERS—Fitzgerald David
McVicar Thos.
McVicar Wm. H.
Scholding C. E.

NORTH CAROLINA.

ASHEVILLE—McPherson Jos. C.
CHARLOTTE—McCausland J. N. & Co.
Ray G. G. & Co.
Shuman C. F.
WINSTON-SALEM—Brickenstein L. B.

NORTH DAKOTA.

FARGO—Fargo Cornice & Ornament Co.
GRAND FORKS—Barnes & Nuss Co.

OHIO.

AKRON—Akers & Harpham Co.
Akron Roofing Co.
Kasch Roofing Co.
ALLIANCE—Casselman C. W.
CADIZ—Bryan H. E.
CAMBRIDGE—Hartley W. H. Sons & Co.
CANTON—Canton Art Metal Co.
Canton Cornice & Skylight Co.
Eller Mfg. Co.
CINCINNATI—Andler Adam, 3028 Highland av, Mt. A.
Beckman Wm., 15th & Republic
Blum Albert, 4244 Allison, Norwood
Boesch Victor P. & Son, Linwood & Delta av
Brandis William, 3109 Reading rd
Breese Bros. Co., 2347 Reading rd
Brunen Wm. B., 651 Pike Cov.
Cincinnati Cornice Works, 637 W Court

Cincinnati Stamping Co., 24 W McMicken av
Dearking E. L., 1663 Iliff av
Dirr George L. & Son, 3631 Warsaw av P H
Eble Chas., 1907 Vine
EDWARDS MFG. CO., 545-565 Eggleston av *See adv index at end of book*
Emmers Cornice Co., 1007 B'way
Fahnle & Dietrich, 537 Oliver
Fisher Philip, 1066 Central av
Greiwe E. & Bro., 1128 B'way
Hauck Michael, 1351 Walnut
Herrmann Bros., 6th & Clay, Day.
Hirt Bros., 2013 Elm
Kobmann Chas., 1919 Central av
Koch Edw. A. & Co., 427 W Front
Kopelent Henry, 2723 Vine
Kruse Wm. & Co., 523 Wade
Meyer Edw. & Co., 1541 Elm
Moeschi-Edwards Corrugating Co., 120 W 9th
Neabrey Leonard, 637 W Court
Porter Iron Roofing & Corrugating Co., 522 Culvert
Queen City Exhaust & Blow Pipe Co., 423 York
Rothert Harry, 1452 Walnut
Scott Roofing & Mfg. Co., 408 Culvert
Spatz H. P., 3901 Colerain av
Sweeney J. A. & Co., 829 W 5th
Verges Ferd. F., 2543 Vine
Weigel John Co., 664 E McMillan
Weissenberger Geo. K., 4011 Spring Grove av, Cum.
Witt Cornice Co., 2118 Winchell av
Witt & Brown, 215 W 3d

CLEVELAND—Cleveland Metal Roofing & Ceiling Co., 3105 Detroit av
Cuyahoga Roofing Co., Woodland & N P R R
Gould Lee H. & Co., 251 Arcade
Grauer Albert & Co., 318 Long av, N W
Huntington Hy. J., 1010 Superior av
Mannen John E. Co., 2247 St. Clair
Ohio Roofing & Asbestos Co., 1525 Columbus
Ortil Chas. F., 2510 Barber av, S. W.
Riester & Thesmacher Co., 1512 W 25th
Rudolph & Son Co., 416 Prospect av, N W
Stran C. W. Co., 720 Hamilton

COLUMBUS–
Schilling John N., 479 N 20th
Schoedinger F. O., 142 N 3d
Schoedinger-Marr Co., 102 N High

DAYTON—Bretch A., 20 Stone
Buvinger G. W. & E. E.
Couch A. M., 236 S Euclid av
Hoersting & Holtmann, 1133 W 3d
Kenney J. R., 251 S Wayne av
Rieck Sheet Metal Co., Monument & Taylor
Wintersteen C. A., 408 W 3d
Wuichet Chas. & Co., 14 S Canal

ELYRIA—Elyria Hdw. Co.
FINDLAY—Fiscus W. J.
Gates N. S. & Son
Hoffman & Bryan
Klein Fred
FOREST—Dickelman Mfg. Co.
GALION—Sponhauer H. C.
GLENDALE—Dollman J. W.
Schatzman P. & Son
GREENVILLE—Beedle C. F.
HAMILTON—Bauer E.
Becker Jno. L.
Schlosser Jacob & Son
Zschau A. E.
IRONTON—Fillgrove Louis A.
KENT—Reed C. R.
LIMA—Smith Wm. A.
LONDIN—Thomas & Armstrong Co.
LORAIN—Weimer C. A.
MANSFIELD—Flohr G. Co.
Hoffman Chas. Co.
Runyan C. C. & Son
MARION—Saiter F. R.
MASSILLON—Kammer & Ertle
Portman Albert F.
MEDINA—Oatman's Furnace Co.
MIAMISBURG—Schell J. A.
MIDDLETOWN—Johnson J. A.
MILLERSBURG—Fitch John & Son
NILES—Cramer Geo.
Unger F. S., Plumbing & Heating Co.
PIQUA—Lee Geo. E.
PORTSMOUTH—Glockner Alexander M.
SANDUSKY—Bitter Joseph
Gundlach Chas.
Hemmerle Frank J.
Mertz & Sons
SHELBY—Armstrong G. W.
SPRINGFIELD—Follrath W. D. & Co.
Hauck Chas. F. & Co.
Hendrickson Roofing Co.
Jones F. O. & Co.
Lafferty Sam'l J. & Sons
Peet & Schuster Co.
TIFFIN—Tiffin Art Metal Co., 20 Broad
TOLEDO—Gerken J. D. & Co.
Hofer G. & Sons Co.
Loeffler Theo. J. M.
Warnke Bros. Co.
WARREN—Browning Wm.
Skinner E. W.
WELLINGTON—Peirce A. H.
WELLSVILLE—White, Perkins & White
WILMINGTON—Jefferis W. W.
XENIA—Henrie C. B.
YOUNGSTOWN—Dalzell Bros. Co.
Squire Jno. R. Co.
ZANESVILLE—Ludy J. W.
Snyder Roofing Co.

OREGON.

BAKER—Basche-Sage Hardware Co.
GRANTS PASS—Cramer Bros.
McMINNVILLE—Hodson O. O.
PORTLAND—Bayer J. C.
Hirschberger H. Co.
Tilton Bros.
Wynkoop Bros.
SALEM—Barr T. M.
Fraser A. L.

PENNSYLVANIA.

ALLENTOWN—Best J. A. & Co.
Hersh & Bro.
Miller J.
Neff Bros.
ALTOONA—England S. B.
Garrahan P. F.
Johnson A. A.
Klesius Geo. A., 609 12th
ARDMORE—Whelan Martin
ASHLAND—Lauer J. J.
McConnell & Bro.
BEAVER FALLS — Asbestos Protected Metal Co.
Davidson Hdwe. Co., Dept. H
BELLEFONTE—Twitmire W. T.
BETHLEHEM — Bethlehem Roofing & Metal Works
Lehigh Valley Cornice Works
BRADDOCK—Loew's John A. Sons
Shirer John W.
BUTLER—Campbell J. G. & W.
CARNEGIE—Romè George & Co.
CHESTER—Doran Jno. A.
Goodman K. & Son
Ward Hugh H.
CLEARFIELD—Powell Wm. F.
CONNELLSVILLE—Munson Bros.
CORRY—Barlow Hdw. Co
Guignon E. E.
Guignon H. A.
DUQUESNE—Thomas G. E.
EASTON—Arndt Wm.
Kinsey Howard P.
Miller E. H.
Miller Hy. R.
Stotz Bros.
EAST STROUDSBURG—Lessig J.
ERIE—Braggins John H. & Sons
Krack Gust. & Son
Murphy Bros.
Patterson & Stirling
GIRARDVILLE—Griffith Hardware Co.
GREENSBURG—Overly W. F.
HALLSTEAD—Rogers Jos. B.
HANOVER—Bargelt & Son
HARRISBURG—Fager G. C. & Sons
Zollinger G. J.
HAZLETON—Koehler Fred
HOMESTEAD—Snyder Louis B.
HONESDALE—Erk Bros.
Watts G.
INDIANA—Alter C. A.
JOHNSTOWN—Doyle Frank J.
Fenn Wm. J.
Friedhoff & Mahaffey
Joy Bros.
KINGSTON—Johnson H. F. & Sons
LANCASTER—Arnold Thomas
McAllister & Kline
Pohl John E.
LEBANON—Bressler C. O. & Co.
LOCK HAVEN—Fickincher Fred
McKEESPORT—Kemp Jas. F. & Bro.
Matthews Lewis K.
Trader E. N.
MAHANOY CITY—Morgan William
NANTICOKE—Hill & Evans
PEN ARGYL—Correll R. S.
PHILADELPHIA—Abronski Bros., 1615 Stiles
Arensberg & Clemence, 924 Moyamensing
Basford Erickson & Co., 8010 Germantown av, Chestnut Hill
Benjamin Michael 1718 S 4th
Blefgen Hy. J., 868 N 4th
Bohem A. & G., 15th & Federal
Brinkmann Bros., 2617 Frankford
Brown Jos. E. Co., 1003 Race
Byrd John, 1427 Catherine
Central Cornice Works, 345 N Frazer
Decker John & Son, 2704 Girard av
Donovan Wm. J., 1506 Ogden
Easterbrook Wm. Jr & Bro., 311 Cherry
Ellis Geo. D. & Sons Co., 309 N 3d
Enterprise Cornice Wks, 759 N Markoe
Excelsior Cornice Wks, 1926 S Colorado
Fossett Geo. W. & Son, 10 N Vogdes
Gara, McGinley Co., 23 S 17th
Garraty & Co., 1629 Ransted
Girard Cornice & Roofing Co., 1022 Ridge
Graber Francis, 2306 N 4th
Hartley John H., 3402 H
Jakoby, Anton, 3122 Kensington
Laurel Mfg. Co., 627 N 3d
Lorenz Chas., 1018 Callowhill
Lupton's David Sons Co., Allegheny av & Tulip
Lyster Sheet Metal Co. ("Lyster's" Ventilated), 1220 Filbert
McFarland, Meade Co., Woodland av & 46th
McGinley Howard J. & Co., 1719 Ludlow
Metal Cornice & Roofing Co., Front & Dickinson
Miller Isaac J., 1926 S Colorado
Northwestern Cornice Works, 2637 W Hagert
Ray James, 2d & Indiana
Roseberry W. L., 345 N Frazier
Rosenthal Jos., 220 N 5th
Ruger Louis, 1603 N 4th
Salinger Chas., 1110 Ridge av
Schmitt Edw. F., 521 Ludlow
Schnitzler Chas. H., 215 N 2d
Schuch John L., 930 Diamond
Schwingle Bros., 2637 W Hagert
Thorn J. S. Co. (Also Copper), 20 & Allegheny av
Tyson Frank, 759 N Markol
Warren Edgar Co., 116 N 16th
Wayne Junction Metal Cornice Co., 4545 Wayne Gtn

PITTSBURGH—Acme Cornice, Skylight & Roofing Co., 30 Fernando
Cusick Cornice & Roofing Co., 2602 5th av
Davis Bros., 204 Dilworth
Fortenbacher J. & Son, 538 E Ohio
Gantner Wm. Co., 9 Del Ray
Haas Morris, 1817 Mary
Iron City Roofing Co., 6943 Franks-town av
Irwin Thos. Mfg. Co., 307 Cremo
Johnson Bros., 4 Industry
Keighley S Metal Ceiling & Mfg. Co., 124 3d av
Kirsch Jacob Co., 3234 Penn av
Link J. & Son, 1918 East
Luckhardt Louis, 85 Sweetbriar
McIlroy J. D. & Sons, 508 2d av
Perritt Iron & Roofing Co., Rosedale & P R R
Pittsburgh Sheet Metal Co., S 20th & Wharton
Rasner & Dinger Co., 850 W North
Schmidt Geo. P. Co., 1020 E Ohio
Schnaufer Roofing Co., 816 Concord
Scholes Bros., 1241 Reedsdale

PITTSTON—Byrne Jno.
PLYMOUTH—Dymond E. P.
POTTSVILLE—Hoefel Fredrick
READING—Hafer J. D.
Hain Wm. T.
Yeager Wm. B.
RIDGWAY—Cody C. L.
SCOTTDALE—Dick J. I. Co.
SCRANTON—Gunster Bros.
SHARON—Hoffman J. C. & Bro.
Hoffman's P. Son
SOUTH BETHLEHEM—McBride Michl. J.
TITUSVILLE—Hughes E. F.
UNION CITY—Hatch Hardware Co.
WASHINGTON—Hays G. W. & Son
Standard Sheet Metal Mfg. Co. (Structural Iron)
WEST CHESTER—Apple Plumbing & Heating Co.
James Bros.
Palmer George J.
WILKES-BARRE—Allen & Fell
Becker Peter & Son
Carpenter B. G. Co.
YORK—Kidds Alex. Son
York Corrugating Co.

RHODE ISLAND.

CENTRAL FALLS—Plews R. Mfg. Co.
PAWTUCKET—Reetz R. C. Co.
PROVIDENCE—American Cornice Works, 3 Charles
Brunnckow C. G. Co., 223 Globe
Burgess James 254 Prairie av
Clason Architectural Metal Works (Metallic), 428 Kinsley av
Eagle Cornice Co., 312 Blackstone
Hitz Chas.
Lamoureux F. & Co., 39 Friendship
Providence Architectural Metal Works, 237 Dyer
Providence Cornice Co., 311 Canal
Strauss Co., 370 Richmond
Union Cornice Co., 5 Bark

WOONSOCKET—French O. P. & Sons Co.

SOUTH CAROLINA.

CHARLESTON—Arnot A. M.
Masters R. T.
COLUMBIA—Lorick Bros.
GREENVILLE—Barr L. L.
Piper J. A. Roofing Co.
ROCK HILL—Westerlund C. A.
SPARTANBURG—Pickens Roofing & Sheet Metal Co.
UNION—Murrah T. A.

SOUTH DAKOTA.

RAPID CITY—Sweeney Tom Hardware Co.
YANKTON—Yankton Roofing Co.

TENNESSEE.

BRISTOL—Leslie Sheet Metal Works
CHATTANOOGA—Chattanooga Blow Pipe & Roofing Co.
Chattanooga Iron Works
Chattanooga Roofing & Foundry Co ("Nooga")
McMahan James
Mountain City Stove & Mfg. Co.
Snow Tom. Heating & Roofing Co.

FAYETTEVILLE—Robertson & Goodrich
HARRIMAN—Edington Bros.
KNOXVILLE—Burton Hardware & Mfg. Co.
Hicks J. C. Sheet Metal Works
Munday J. A. & Son
MEMPHIS—Burdick A. W. & Co.
Capps B. W.
Dush Louis
Eichberg W. L., Dept. H
Hendricks O. H., Dept. H
Jones Bros. & Co.
Memphis Cornice & Roofing Co.
Nohsey & Schwab
Richards L. W.

CORNICES & SKYLIGHTS—continued
TENNESSEE—Memphis—continued
Schaefer Geo.
Verdel E. F. & Co.
Wessendorf Charles Co.
NASHVILLE—Cammerer H. & Son
Howell Geo. W. Co.
Kadel L. J.
Murray E. T. & Co.
Phillips & Buttorff Mfg. Co.

TEXAS.

AUSTIN—Arlitt Max
CORSICANA—Tatum W. M. Hardware Co.
DALLAS—Huey & Philp Hardware Co.
Payne F. T.
DENISON—Waltz Chris.
EL PASO—Momsen-Dunnegan-Ryan Co.
ENNIS—Blakey-Clark Hardware Co.
GAINESVILLE—Bosley L. W.
GALVESTON—Breen Martin
Hoffmann W. A.
Miller W. H.
Werner Geo. P.
HILLSBORO—Smith & Tomlinson Co.
HOUSTON—Eisemann John Ed.
Fothergill Thos. W.
Holtkamp E. E.
Schlom Meyer J.
Shannon Grant S.
MARSHALL—Logan & Whaley
SAN ANTONIO—Jewett Cornice & Roofing Co.
San Antonio Sheet Metal Works
Vodrie H. B., Sheet Metal Works
Walsh T. P.
SHERMAN—Roberts, Sanford & Taylor Co.

UTAH.

OGDEN—Crosbie R. L.
Newman & Co.
PROVO—Blumenthal H. G. Co.
SALT LAKE CITY—Bywater & Groo.
Fowler J. P. Mfg. Co.
Mitchell H.
Salt Lake Hardware Co.

VERMONT.

BENNINGTON—Vail F. E.
BURLINGTON—Hathorne A. C. Co.
LYNDONVILLE—Eaton J. C. & Co.
RANDOLPH—Lamson J. H. & Sons

VIRGINIA.

DANVILLE—Piedmont Hdw. Co.
HAMPTON—Copeland J. F.
HARRISONBURG—Saum Jno. R.
LYNCHBURG—Doherty Frank J.
Handy N. B. Co. (Cornices Only)
Dornin T. B., Adams Co.
NORFOLK—Bohn Roofing & Cornice Co.
Howard John T. Co.
Odend Hal-Monks Corp.
Odenhal Monks Corp.
RICHMOND—Burton Reuben
Hackett R. & Co.
Miller Mfg. Co. (Wood Cornices), 7th & Stockton
ROANOKE—Dominion Metal Products Co.
Possin Theo. & Co.
STAUNTON—Tanner Charles & Co.

WASHINGTON.

BELLINGHAM—Bellingham Sheet Metal Works
BREMERTON—Wetzel E. S.
EVERETT—Kirsh Frank W.
Willson H. J.
NORTH YAKIMA—Sawbridge Jno.
Wade G. W.
Yakima Hardware Co.
OLYMPIA—Olympia Hardware Co.
PORT ANGELES—Jacobs Edgar A.
PORT TOWNSEND—Norby & With
SEATTLE—American Sheet Metal Works
Cascade Sheet Metal Works
City Cornice Works
Clark T. F. & Co.
Curtiss Wm. M. Co., 5016 20th, N W
Eastlake Sheet Metal & Cornice Works
Edgar & Campbell
Finlay & Robb
Garner J. J.
Globe Sheet Metal Co.
Independent Sheet Metal Co.
Fry J. W., 1021 Pike
Manke B. C. Sheet Metal Works
Minckler P K.,
Motor Sheet Metal Works
Northwestern Sheet Metal Works
Occidental Sheet Metal Works
Popple & Knowles Co.
Puget Sound Sheet Metal Works
Seattle Cornice Works
Seattle Metal Ceiling Co.
Seattle Sheet Metal Shop
Shaw H. A., Metal Spinning Co.
Tomlin Sheet Metal Works
University Sheet Metal Works
Van Doren Roofing & Cornice Co.
Washington Sheet Metal Works
Weibel G. Roofing & Cornice Works
West Seattle Heating & Sheet Metal Works
Western Engineering Co.
SPOKANE—Allen Lester
Brandt Bros.
Brown Bros.
Burns, H. J.
Evers Geo. C.
Keeler W. P.
Schrimpf Chas. G.
Snyder Harrry M., Roofing Co
Spokane Furnace Co.
Woodward & Stein
TACOMA—Anderson K. A.
Hirsch I. L.
Holaday & Bailey
Kastner A. & J. B.
Kolb Wm. A.
Miller Edw. Cornice & Roofing Co.
Old Town Sheet Metal Works
Pederson N. P.
Reliable Stamping Co.
Tacoma Sheet Metal Works

WEST VIRGINIA.

BERKELEY SPRINGS—Ambrose C. P. & Bro
BLUEFIELD—Hefner O. V.
CHARLESTON—Whitlow M. G. Hardware Co.
Shawver W. F. Co.
HUNTINGTON—Hagan & Co.
Wilcoxen C. F.
MORGANTOWN—Morgantown Hardware Co.
WHEELING—Caldabaugh Bros.
Wheeling Metal & Mfg. Co.

WISCONSIN.

APPLETON—Schlafer Hardware Co.
Teach Wm.
ASHLAND—Garnich Emil & Sons Hardware Co.
BARABOO—Lee Radtke Hardware Co.
BELOIT—Murdock-Dunwiddie Co.
EAU CLAIRE—Hobbs W. H. Supply Co.
EVANSVILLE—Baker Manufacturing Co.
FOND DU LAC—Cheney S. H.
GREEN BAY—Danz H. Jr.
Fox River Cornice Works
Green Bay Cornice & Corrugating Co.
HARTFORD—Esser & Schmidt
JANESVILLE—McNamara Henry L.
Sheldon Hardware Co.
KAUKAUNA—Butler-Dietzler Hdw. Co.
Haas & Hohmann
KENOSHA—English Jno. J.
Jansen T. E.
Schulz H. C.
LA CROSSE—Badger Steel Roofing & Corrugating Co.
Dittman Fred. Hardware Co.
Gass Anthony
La Crosse Steel Roofing & Corrugating Co.
Tausche V. Hardware Co.
MADISON—Trachte Bros. Co.
Wolff, Kubley & Hirsig
MANITOWOC—Rathsack Wm. & Sons
MARINETTE—Westlund August
MILWAUKEE — Biersach & Niedermeyer Co., 220 5th
Consolidated Sheet Metal Works, 661 Hubbard
Eslien Sheet Metal Works, 1001 30th
Furtman Aug. J., 2453 Walnut
Gallun Wm, Kinnic av
Goethel Alex. G., 815 Winnebago
Green D. D., 215 Sixth
Hoffman & Baur, 279 Lake
Jeske R. & Bro. Co., 119 Reservoir
Klubertanz Bros. Co., 889 23rd
Millen Bros.
Milwaukee Corrugating Co. (Also Copper)
Roesler Herman, 1523 W 24th
Schumann & Roden, 914 3rd
Tonnsen E. B. Co., 113 Harmon
MONROE—Kundert Bros. Co.
NEENAH—Krueger Wm. Co.
Stroebel J. F.
OSHKOSH—Krippene Hardware Co.
Leach Frank Hardware Co.
Terwedo Mfg. Co.
PORTAGE—Schulze Hardware Co.
RACINE—Dixon John & Son
REEDSBURG—Siefert Aug. Hardware Co.
RICHLAND CENTER—Strang Geo. Hardware Co.
SHEBOYGAN—Geele F. Hardware Co.
SUPERIOR—Arnold Elmer H. Co.
Bingham Hardware Co.
Carlson Bros. Co.
Holmes A. E. & Bro. Co.
Roberts G. W.
WATERTOWN—Kusel D. & F. Co.
Pritzlaff W. G. Co.
WASHBURN—Ungrodt B.

WYOMING.

BUFFALO—Astell Hardware Co.

3241— Cornwall Stone

Chrystal Charles B. (Imp English Ground), 13 Cliff, New York
Golding Sons Co., Trenton, N. J.
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.

Corrugated Elbows

See Elbows, Conductor Pipe; also Stove Pipe & Elbow Manufacturers

Corundum Mfrs.

See Emery & Corundum Manufacturers

3242— Costmeters

Costmeter Co. ("Costmeter"), 1000 Washington, Boston, Mass.

3243— Cots (Army, Etc.)

American Bed Co. (Metal), 1820H Park av, St. Louis, Mo.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Gold Medal Camp Furniture Mfg. Co. (Folding), Racine, Wis.
Gosso Co. 14 E Jackson, Chicago, Ill
Himebaugh Bros., Jamestown, N. Y.
Schomer Henry Co., 1814 S Kilbourn av, Chicago, Ill.
Shannon Bed Spring Co. (Steel Frame), Louisville, Ky.
Sun Mfg. Co. (Canvas Cover, Wood Frame), Columbus, O.
Union Bed & Spring Co., 4345H Fifth av, Chicago, Ill.

3243a— Cots (Canvas)

Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Stonebridge C. H. Mfg. Co., 23 Warren, New York

3244— Cots (Folding)

Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Foster Bros. Mfg. Co. (Iron Frames), Utica, N. Y.
Haggard & Marcusson Co. ("Tiger" Woven Wire), 1109 W 37th, Chicago, Ill.
Hard Mfg. Co., ("Compact") 117 Tonawanda, Buffalo, N. Y.
Hettrick Mfg. Co., Toledo, O.
Norfolk Mattress Co., Norfolk, Va.
Ohio Spring Bed Co. (Woven Wire), 1281 E 38th, Cleveland, O.
Peoria Auto Kot Co. ("Furstade"), Peoria, Ill.
Premier Spring Bed Co. (Steel), 218 Utah, San Francisco, Cal.
Silver Mfg. Co. ("20-25"), No. 256, Salem, Ohio
Stonebridge C. H. Mfg. Co., 23 Warren, New York
Southern-Rome Co. ("Romelink"), 623 W Pratt, Baltimore, Md.
Sun Mfg. Co., Columbus, O.
Telescope Cot Bed Co. ("Handy" Telescope Cot Bed), 535 E 79th, New York

3245— Cots (Husking)

Boss Mfg. Co., Kewanee, Ill.

3245a— Cots (Iron)

Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.

Cotters (Cellar Box)

See Cotters & Keys, Spring

3246—Cotters & Keys (Spring)

See also Keys, Flat Spring & Riveted

American Chain Co. ("Campbell" Self-Spreading Hammer Lock Cotters), Bridgeport, Conn.
American Steel Co., Park bldg, Pittsburgh, Pa.
Brooks M. S. & Sons (Brass or Steel Cotters & Flat Spring or Riveted Keys), Chester, Conn.
Campbell Andrew C. (Inc.), (Self-Spreading Hammer Lock Cotters), Waterbury, Conn.
Cobb & Drew, Plymouth, Mass.
Gem Stopper Co. ("Gesco"), 2120 Nicholas, Phila. Pa.
Hindley Mfg. Co. ("Columbia" Steel, Brass & Copper Cotters & Flat Steel Spring & Flat Riveted Keys), Valley Falls, R. I.
Hubbard M. D. Spring Co., Pontiac, Mich.
Jencks E. Mfg. Co. (Iron & Brass Cotters & Flat Spring Keys), Worcester, Mass.
McWhorter Mfg. Co. ("McWhorter," Pointed), Riverton, N. J.
See adv index at end of book
National Screw & Tack Co. (Iron & Brass) Stanton av S. E. & C. & P. Ry., Cleveland, O.
Parker Wire Goods Co. (Half Round Spring Wire & Brass Cotters), Worcester, Mass.
Pickering R. S. (Brass & Steel Cotters & Steel Flat Spring & Riveted Keys), Sharon Hill, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N Y.
Smith F. P. & Co. ("Saco" Steel, Brass & Copper Cotters & Flat Spring), Sharon
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Wire Goods Co. (Iron & Brass), Worcester, Mass.

3247— Cotton (Absorbent)

American Gauge & Cotton Co., Inc. ("Lilly," "Riverside" & "Hospital"), 407 N 8th, St. Louis, Mo.
Aseptic Cotton Products Co., Chattanooga, Tenn.
Aseptic Products Co., 237 Borden av, Long Island City, N. Y.
Bauer & Black, 45 W 25th, Chicago, Ill.
Broadbent J. & Son, Unionville, Conn.
Enterprise Garnetting Co., Cohoes, N. Y.

Fearon Brown Co. (Imp.), 96 Wall, New York
Graves Frank B. Co. ("Greystone Mills"), Albany, N. Y.
Hygienic Fibre Co., Versailles, Conn.
Johnson & Johnson, New Brunswick, N. J.
Lewis Mfg. Co., Walpole, Mass.
Mackintosh D. & Sons Co., Holyoke, Mass.
Maplewood Mills ("Excelsior," "Standard," "Hospital," "Sanitary," "Absorbon"), Fall River, Mass.
Seabury & Johnson, 59 Maiden la, New York
Southern Aseptic Laboratories, Columbia, S. C.
Versailles Sanitary Fibre Mills, Versailles, Conn.

3248— Cotton Batting

Becker Chas. W., Amsterdam, N. Y.
Bowden Bros., Cedar Grove, N. J.
Broadbent J. & Son, Unionville, Conn.
California Cotton Mills Co. (Also Wool Batting), Oakland, Cal.
Clute Bros., Cohoes, N. Y.
Hamlet Mills, Otter River, Mass.
Janesville Batting Mills, Janesville, Wis.
LaCrosse Woolen Mills, LaCrosse, Wis.
Lee Wm. M., Athol, Mass.
Little Falls Fibre Co., Little Falls, N. Y.
Lockport Cotton Batting Co., Lockport, N. Y.
Lowenthal W. & Co., Cohoes, N. Y.
Maish Chas. A Co., 1125 Bank, Cincinnati, O.
Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.
National Textile Mfg. Co., Cohoes, N. Y.
New York Cotton Batting Co., Lockport, N. Y.
Niagara Cotton Batting Co., Lockport, N. Y.
Page Mfg. Co., Cohoes, N. Y.
Riverside Mills, Augusta, Ga.
Rock River Cotton Co. ("Crown Jewel"), Janesville, Wis.
Sanders, Smith & Co., Charlotte, N. C.
Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
Standard Textile Co., Glens Falls, N. Y.
Stearns & Foster Co., Lockland, O.
Stockport Fibre Co., Stockport, N. Y.
Troy Waste Mfg. Co., Troy, N. Y.
Tuscaloosa Mills, Tuscaloosa, Ala.
Union Wadding, Pawtucket, R. I.
Westport Mfg. Co., Westport, Mass.
Woll F. P. & Co., Church & Tacony, Phila., Pa.
Worley Bros., Mohnton, Pa.

3249— Cotton (Calking)

Bishop Robert Mfg. Co., 157 W 6th, So. Boston, Mass.
Estes Mills ("Star," "No. 2"), Fall River, Mass.
Galbraith C. C. Son, 117H West, New York
Hooper, Wm. E. & Sons Co., 3502 Parkdale av, Baltmore, Md.
Massasoit Mfg. Co., Fall River, Mass.
Olmstead & Tuttle Co., Chicopee, Mass.
Richards Fred. J., Springfield, Mass.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
Westport Mfg. Co., Fall River, Mass.

3250— Cotton Compresses

Birmingham Mach. & Fdry. Co., 3700H 10th, Birmingham, Ala.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Dickson Car Wheel Co., Houston, Tex.
Galland-Henning Co., 97 Wisconsin, Milwaukee, Wis.
Reading Iron Co., Reading, Pa.
Webb Press Co. (Ltd.), Minden, La.

3251—Cotton Duck & Canvas

Alabama Cotton Mills (36 Inch), Speigner, Ala.
Alexander City Cotton Mills (Narrow, Flat Duck), Alexander City, Ala.
Anchor Duck Mills (Wide Duck), Rome, Ga.
Aragon Mills, Aragon, Ga.
Arthur Smith F. Co., 261 Canal, New York
Ashcraft Cotton Mills (Dress Ducks), Florence, Ala.
Augusta Factory (27 to 40 Inch), Augusta, Ga.
Barrell Wm. L. Co., 8 Thomas, New York
Boott Mills (High Grade Duck), Lowell, Mass.
Boston Duck Co., Bondsville, Mass.
Boston Woven Hose & Rubber Co. (Hose & Belting Duck for Own Use), Cambridge, Mass.
Brighton Mills (Sail, Tire & Hose Duck, Mechanical Fabrics, etc, of "S I" Eg. & Am. Cotton), Passaic, N. J.
Brookside Mills (Wide & Narrow Duck), Knoxville, Tenn.
California Cotton Mills Co., Oakland, Cal.
Chicago Mica Co., Valparaiso, Ind.
See adv index at end of book
Chicopee Mfg. Corp. (Wide & Narrow), Chicopee Falls, Mass.
Cochran Cotton Mill Co. (Wide & Narrow), Cochran, Ga.
Connecticut Mills Co. (Tire Fabrics & Special Duck), Danielson, Conn.
Corsicana Cotton Mills (Narrow & Flat Duck), Corsicana, Texas
Couch Bros. Mfg. Co. (Sail, Wide, Army), Atlanta, Ga.
COUCH COTTON MILLS, INC. (Sail, Wide, Army), Atlanta, Ga.
Crown Cotton Mills (Broad & Narrow), Dalton, Ga.
Dallas Cotton Mills (Narrow Single Filling Duck), Dallas, Texas
Daniel C. R., Inc., 115 South, New York
Denison Cotton Mill Co. (29 to 72 Inch Duck), Denison, Texas
Dixie Cotton Mills (Wide & Narrow Flat Thread Duck), La Grange, Ga.
Dunson Mills (Wide & Narrow), La Grange, Ga.
Elm City Cotton Mills (Wide), La Grange, Ga.
Enterprise Cotton Mills (Wide & Narrow Flat Duck), Enterprise, Ala.
Falls Co. (Narrow Duck), Norwich, Conn.
Fitchburg Duck Mills (Sail, Army, Number, Belting & Hose Duck & Stitched Belting Duck, etc.), Fitchburg, Mass.
Fitzgerald Cotton Mills (Wide), Fitzgerald, Ga.
Floyd Cotton Mills (Wide & Narrow Flat Duck), Rome, Ga.
Fulton Bag & Cotton Mills (Waterproof & Mildewproof Duck), Atlanta, Ga.
Gary James S. & Son (Heavy Duck), Equitable bldg, Baltimore, Md.
Globe Cotton Mills (36, 40 and 52 inch), Augusta, Ga.
Gonzales Cotton Mill Co. (36 Inch Duck), Gonzales, Texas
Goss J. C. Co. (Sanitary Cotton Duck), 16 E Woodbridge, Detroit, Mich.
Gordan Supply Co. (Wide & Narrow Duck Only), 537 Albany, Boston, Mass.
Hall, Lincoln & Co. (Heavy Duck), 154 Milk, Boston, Mass.
Handley W. A. Mfg. Co. (Wide), Roanoke, Ala.
Hettrick Mfg. Co., Toledo, O.
Hillsboro Cotton Mills (6 to 12 oz. Duck, 29 to 44 Inches Wide), Hillsboro, Texas
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holt, Gant & Holt Cotton Mfg. Co. (Colored Duck for Workingmen's Clothes), Elon College, N. C.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Itasca Cotton Mfg. Co. (36 Inch Dress Duck), Itasca, Texas
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Lanett Cotton Mills (Wide & Narrow), West Point, Ga.
Lawrence Duck Co., Lawrence, Mass.
Lincoln Cotton Mills Co. (Wide & Narrow Light Duck), Evansville, Ind.
Manchester Cotton Mills (Wide & Narrow Light Duck), Manchester, Ga.
Meritas Mills (Wide), 320 B'way, New York
Meyer John F. Tire Duck Co. (Duck for Tires, 54 to 90 in.), 708 Frelinghuysen av, Newark, N. J.
Milstead Mfg. Co. (Wide Heavy Duck), Milstead, Ga.
Montgomery Cotton Mills (Wide Duck), Montgomery, Ala.
Monticello Cotton Mills (Wide & Narrow Twisted & Single Filling Duck), Monticello, Ark.
Morris & Co. (Wide & Narrow), Groveville, N. J.
Mt. Vernon Woodberry Mills Inc. (All Kinds "Woodberry Mt. Vernon Extra"), Cont. bld, Baltimore, Md.
New York Mills Corp. (Wide & Narrow Duck), New York Mills, N. Y.
Palmetto Cotton Mills (Wide & Narrow Single Filled Duck), Palmetto, Ga.
Passaic Cotton Mills (Up to 72 Inches, Tire & Hose Fabrics), 120 B'way, New York
Pelham Mfg. Co. (7 to 14 oz, 29 to 42 Inches Wide), Pelham, Ga.
Piedmont Cotton Mills (Wide), Egan, Ga.
Putnam Mills & Power Co. (Flat & Twisted Broad Ducks), Eatonton, Ga.
Riverdale Cotton Mills (Wide & Narrow), West Point, Ga.
Royal Mills (Duck Bagging), Charleston, S. C.
San Antonio Tent & Awning Co. (Cotton duck), 129H Military Plaza, San Antonio, Tex.
Savage Mfg. Co. (Wide & Narrow), Savage, Md.
Sherman Mfg. Co. (7 to 15 oz, Single Filling High Grade Duck), Sherman, Texas
Sibley Mfg. Co. (Wide & Narrow), Augusta, Ga.
Smith D. B. Sons Co., Pine Meadow, Conn.
Stonewall Cotton Mills (32 & 36 Inch), Stonewall, Miss.
Summerville Cotton Mills Co. (Wide & Narrow Duck, 8 to 14 oz), Summerville, Ga.
Sylvan Cotton Mills (Wide & Narrow), Shelbyville, Tenn.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Textile Products Mfg. Co. ("Noxall" & "Sterling"), Park av & Dolman, St. Louis, Mo.
Thistle Mills (Wide & Narrow Duck), Ilchester, Md.
Thomaston Cotton Mills (Wide & Narrow Flat Duck, 4 to 8 oz), Thomaston, Ga.
Thorndike Co. (Awning Stripes, etc), Thorndike, Mass.
Turner J., Spencer Co. (Sales Agents Consol Cotton Duck Co.), 86 Worth, New York
Unity Cotton Mills (Wide & Narrow Heavy Duck; also Belting, Hose, Sail Cloth & Packing Duck), La Grange, Ga.
Virginia Consolidated Milling Co. (Wide & Narrow Duck), Petersburg, Va.
Warren Mfg. Co. (Numbered, Press, Belting & Double Filling Duck, 12 to 46 inch, Different Weights), Warren, Md.
Waxahachie Cotton Mills (Wide & Narrow Flat Duck), Waxahachie, Texas
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Wellington, Sears & Co. (Jobbers, Ducks for Belting, Hose, Sails, Harvesters, etc; also Awning Stripes, Canvas for Wagon Tops, etc, & Bunting), 93 Franklin, Boston, Mass.
West Point Mfg. Co. (Wide & Narrow Hose & Belting Duck), Westpoint, Ga.
Willingham Cotton Mills (Wide Numbered, Hose, Belting & Sail Duck), Macon, Ga.

Cotton Gins

See Cotton Ginning Machinery

3252— Cotton (Jewelers')

Estes Mills, Fall River, Mass.
Lewis Mfg. Co., Walpole, Mass.
Maplewood Mills, Fall River, Mass.

3253— Cotton (Soluble)

Anderson Chemical Co., Wallington, N. J.
Celluloid Zapon Co., 200 5th av, New York
Chemical Products Co. (Non-Explosive; also Solutions & Films), 30 Charles River rd, Boston, Mass.
Cooper Chas. & Co., 194 Worth, New York
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Chemical Products Div., Wilmington, Del.
See adv index at end of book
Erkenbrach Geo. A. Co., 115 Maiden la, New York
Maas & Waldstein Co., 92 William, New York

3254—Cotton (Spun Calking)

Bishop Robt. Mfg. Co., 157 W 6th, South Boston, Mass.

3255— Cottonades

Brown's G. Sons, Mount Joy, Pa.
Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
Eagle & Phenix Mills, Columbus, Ga.
Falls Co., Norwich, Conn.
Griffin Mfg. Co., Griffin, Ga.
Hamburger Cotton Mills, Columbus, Ga.
Jones H. C. Co., Conshohocken, Pa.
Thorndike Co., Thorndike, Mass.
White-Williamson Co., Graham, N. C.
Whittenton Mfg. Co., Taunton, Mass.

3256—Couch Leg Attachments

Weber-Knapp Co., Jamestown, N. Y.

3257— Couches (Steel)

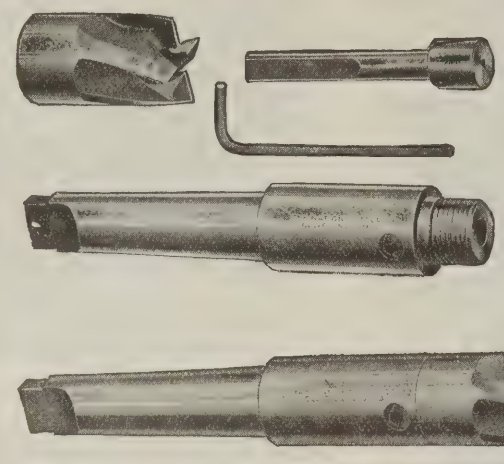
American Bed Co., 1820H Park av, St. Louis, Mo.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Newark Spring Mattress Co., 84 Madison, Newark, N. J.
Ohio Spring Bed Co. (Sanitary Wire), 1281 E. 38th, Cleveland, O.
Schomer Henry Co. (Sanitary), 1814 S Kilbourn av, Chicago, Ill.
Simmons Co (Sanitary), Kenosha, Wis.

3258— Coumarin

Monsanto Chemical Works, St. Louis, Mo.

3260— Counterbores

Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Clough R. M. (For Round Head Cap Screws, etc), Tolland, Conn.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Glenzer J. C. Co. ("Utility" Interchangeable & Invertable), 3H 14th, Detroit, Mich.
Hendrick-Davis Co. ("K.-D." Jewelers), Lebanon, N. H.
Manufacturers Machine Products Co. (Quick & Interchangeable), 1320 Mt. Elliott av, Detroit, Mich.
Moback Tool & Machine Mfg. Co. ("Moback," Inserted), 330 Atlantic av, Boston, Mass.
Morse Twist Drill & Machine Co. ("Morse" Solid, Adjustable & Interchangeable Blades & Guides), New Bedford, Mass.



NATIONAL-CLEVELAND
INTERCHANGEABLE COUNTERBORES

prove how easily and with what advantage thrift may be practiced in the small tool field.

The National Patent Counterbore is made in three parts —only the cutter (one-quarter of the whole tool) being of high-speed steel. The shank and pilot are made of more durable and less expensive steel—a clear saving of 75 per cent on the initial investment.

Full description in Bulletin

THE NATIONAL TOOL COMPANY
CLEVELAND, OHIO, U. S. A.
Detroit Office and Stock, 610 Sun Building
New York Office: 36 Murray Street
Chicago Sales Room and Stock, 26 South Jefferson Street
Philadelphia Office and Stock, 1215 Filbert Street
European Office: National Tool Co., 139 Queen Victoria Street, London, E. C., 4

COUNTERBORES—continued

National Tool Co. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National," Solid), Detroit, Mich.
New Britain Tool & Mfg. Co., New Britain, Conn.
Potter S. A. Tool & Machine Works, 74 E 130th, New York
Standard Tool Co., 6700 Central av, Cleveland, O.
Up-To-Date Tool Co. (For Studs & Bolts), 81 Wareham, Boston, 18, Mass.
See adv index at end of book

3261—Counters (Boot & Shoe)

Appleton Counter Co., Haverhill, Mass.
Archibald F. Co., Haverhill, Mass.
Bennett Wm. H. Co., Lynn, Mass.
Bicknell Geo. H. Co., Weymouth, Mass.
Bodwell Counter Co., Haverhill, Mass.
Brockton Heel Co., Brockton, Mass.
Cadwallader, Dougherty & Co., 113 N 3rd, Phila., Pa.
Columbia Counter Co., 349 Congress, Boston, Mass.
Doyle & Downey, Newburyport, Mass.
Durkee Counter Co., Haverhill, Mass.
Durland Counter Co., Lynn, Mass.
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Eagleton Bros., Lynn, Mass.
Filoon V. & F. W. Co., Brockton, Mass.
Gardiner, Beardsell & Co., 50 Lincoln, Boston, Mass.
Globe Counter Co., Haverhill, Mass.
Goddard F. A. & Co., Lynn, Mass.
Hanover Heel & Innersole Co., Hanover, Pa.
Hanscom Frank W., Haverhill, Mass.
Harris-Wheaton Co., 157 Pearl, Boston, Mass.
Harwood Counter Co., Lynn, Mass.
Hickey Michael J. & Co., Haverhill, Mass.
Hopkins R. C., Lynn, Mass.
Hudson Counter Co., Hudson, Mass.
Johnson Chas. H., Lynn, Mass.
Johnson T. C. & Sons, Lynn, Mass.
King Counter Co., Salem, Mass.
Lacroix W. & E. W., Lynn, Mass.
London Geo. G. Mfg. Co., Lynn, Mass.
Lovett Solon, Beverly, Mass.
Lyons Counter Co., Lynn, Mass.
McManus C. H. & Co., Lynn, Mass.
McNamara L. F. Co., Haverhill, Mass.
Manning John A. Paper Co., Troy, N. Y.
Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.
Morton & Son Co., Rochester, N. Y.
Mosser J. K. Co., Williamsport, Pa.
Mousam Counter Co., 121 Beach, Boston, Mass.
Mower Earl A., Lynn, Mass.
Munsey Shank & Counter Co., Lynn, Mass.
National Fibre Board Co., 121 Beach, Boston, Mass.
Newburyport Counter Co., Newburyport, Mass.
Pierce C. S. Co., Brockton, Mass.
Puritan Counter Co., Brockton, Mass.
Rogers Fibre Co. ("Horn Fibre" Fibre), 121 Beacon, Boston, Mass.
See adv index at end of book
Smith P. J. Co., Salem, Mass.
Spaulding J. & Sons Co., Inc., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Heel & Counter Co., Carr & 11th, St. Louis, Mo.
Sumner A. B. & Son, Lynn, Mass.
Sumner Counter Co., Haverhill, Mass.
Tasker Geo. F., Haverhill, Mass.
Vaughn J. T., Haverhill, Mass.
Webster, Geo. H., Haverhill, Mass.
Wilder & Co., 228 W Lake, Chicago, Ill.
Worcester Counter Co., Worcester, Mass.
Young & Sampson, Lynn, Mass.

3261a—*Counters (Cafeteria & Lunchroom)

VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill.
See adv index at end of book

3262—Counters (Chart Room Revolution)

McNab Co. ("McNab"), Bridgeport, Conn.

3263—*Counters (Combination Counter & Watch)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3264—Counters (Engine Revolution)

Bristol Co. ("Bristol's"), Waterbury, Conn.
See adv index at end of book
McNab Co. ("McNab"), Bridgeport, Conn.

3265—*Counters for Paper Machines

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3266—*Counters for Reciprocating Motion (Square Case & Round Case)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3267—*Counters (Mechanical)

PLUMB D. S., 73-77 Norfolk nr Central av, Newark, N. J.
See adv index at end of book

3268— Counters (Pole)

Benton Mfg. Co., 9 Bethune, New York
Durant Mfg. Co., Milwaukee, Wis.
International Register Co., 15 Throop, Chicago, Ill.
New York Standard Watch Works, 403 Communipaw av, Jersey City, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Veeder Mfg. Co. ("Veeder" Hand Lobey), Hartford, Conn.

3269—*Counters (Recording)

See also Indicators, Speed

American Pedometer Co. ("Empire" Automatic), New Haven, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3270—Counters (Revolution)

See also Indicators, Speed

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Belden Mfg. Co. (For Magnet Winding Machines), 2316 S Western av, Chicago, Ill.
BRISTOL CO. ("Bristol"), Waterbury, Conn. *See adv index at end of book*
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Cummings Ship Instrument Works ("Cummings" Averaging), 110 High, Boston Mass.
Durant Mfg. Co. ("Durant" "Productimeter"), Milwaukee, Wis.
Durbrow & Hearne Mfg. Co. (For Printing Presses, etc), 12 Wooster, New York
McNab Co. ("McNab" Pneumatic), Bridgeport, Conn.
Mossberg Frank Co. (For Looms, etc), Attleboro, Mass.
Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.
Root Chas. J. Co. ("Bristol," "Elm City" & "Roco"), Bristol, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star" Round Case), 53 Oliver, Boston, Mass.
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Zaubitz August ("Zaubitz"), 95 Cliff, New York

3271-2—*Counters (Short Stroke for Pumps)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

Counters (Store)

See Store & Bar Fixtures

3273— Countershafts

Almond T. R. Mfg. Co. ("Almond" Right Angle Quarter Turn), Ashburnham, Mass.
American Tool & Machine Co., 10 High Boston, Mass.
Baird Machine Co., Bridgeport, Conn.
Bardons & Oliver (Double Friction), Cleveland, O.
Birkle Machine Works, 128 E Clinton, Chicago, Ill.
Brown & Sharpe Mfg. Co., Providence, R.I.
Builders Iron Foundry ("Universal Pull"), 9 Codding, Providence, R. I.
Caldwell W. E. Co., Louisville, Ky.
Clizbe Bros. Mfg. Co., Plymouth, Ind.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Diamond Machine Co. ("Diamond," "Standard," "Universal Pull"), Providence, R. I.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Elgin Tool Works ("Elgin" for Precision Tools), Elgin, Ill.
Frederick Machine Works (Rope Pull), Norwalk, O.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (For Small Machinery), Greenfield, Mass.
Hannifin Mfg. Co. ("Hannifin," Roller Bearing Actuated Double Friction), 621 S Kolmar av, Chicago, Ill.
HANSON CLUTCH & MACHINERY CO., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W. 65th, Cleveland, O.
Lane Mfg. Co., Montpelier, Vt.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Mafreto Machine & Tool Co., Worcester, Mass.

Mossberg Wrench Co. ("Sim-Pull" & "Simplex"), 25 Charles, Providence, R. I.
North Wales Machine Co., North Wales, Pa.
Norton Co., Worcester, Mass.
Phoenix Mfg. Co., Hartford, Conn.
Quint A. D., Hartford, Conn.
Reeves Pulley Co., Columbus, Ind.
Standard Pulley Co., 1734 Power, Cincinnati, O.
Stow Mfg. Co., Binghamton, N. Y.
See adv index at end of book
Union Lathe Wks., York, Pa.
Universal Winding Co. ("Leesona"), Boston, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.

3274—Countershafts (Bench Lathe)

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Moseley Lathe Co., Elgin, Ill.
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Stark Tool Co., Waltham, Mass.
American Tool Co., Boston, Mass.
Wade H., 311 Atlantic av, Boston, Mass.

3275—Countershafts (Variable Speed)

Cushman Electric Co. ("Cushman" Motor Driven), Concord, N. H.
Evans Friction Cone Co., Newton Center, Mass.
Goodman Mach. & Tool Co., 50 Church, New York
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Nordyke & Marmon Co., Ky. av & Morris, Indianapolis, Ind.

3276— Countersinks

Atlas Engng. Co., Lincoln, Neb.
Bagshaw & Field (Rose, Flat & Small head), 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros. (Flat, Rose & Snail), Milbury, **Mass.**
Buffum Tool Co. ("Swastika," Flat & for Iron), South Side, Louisiana, Mo.
Butterfield & Co., Derby Line, Vt.
Clark Equipt. Co. ("Celfor"), Buchanan, Mich.
Cincinnati Tool Co. ("Hargrave's Adjust**able"), Norwood, Cincinnati, O.**
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleve**land, O.**
Davidson Tool Mfg. Corp., 122 Maiden Lane, New York
Detroit Twist Drill Co. (Bit Stock), 555 Fort, Detroit, Mich.
See adv index at end of book
Deuse J. S. (Wood & Iron), Chester, Conn.
Forest City Bit & Tool Co., Rockford, Ill.
Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D." for Bit Brace & Machine Use), Greenfield, Mass.
See adv index at end of book
Jenning C. E. & Co., 71 Murray, New York
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co. ("Morse" Bit Stock & Combined Drills & Countersinks, Dept. H, New Bedford, Mass.
Polk A. J. & Son Co. (For Drilling Machines, etc), Millersburg, Pa.
Potter S. A., Tool & Machine Works, 74 E 130th, New York
Pugh Job T., 31st & Ludlow, Phila., Pa.
Robinson M. W. Co. ("Smith's" Patent Adjustable for Wood Workers), 296 B'way, New York
S. & I. Co., Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith Otis A. (For Wood Workers), Rockfall, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.
Stanley Rule & Level Co., New Britain, Conn.
Star Bit & Tool Co., Rockford, Ill.
STARRETT L. S. CO. (The), (Double Lip, etc.), Athol, Mass.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse" Flat, Bit Stock, Clarks, Wood & Machine), **Borden av, Syracuse, N. Y.**
Tuck Mfg. Co. (Rose, Flat), Brockton, Mass.
U. S. High Speed Steel Tool Corp. ("Speedster"), 489 5th av, New York
Vaughan & Bushnell Mfg. Co. ("V & B," Cast Steel), 2114 Carroll av, Chicago, Ill.
WAYNE TOOL MFG. CO. ("Wayne"), Waynesboro, Pa.
WHITMAN & BARNES MFG. CO. (Bit Stock), Akron, O.
See adv index at end of book
Wood Morris & Son (Loose Center), 5108 W Lake, Chicago, Ill.

3277—Countersinks & Center Drills Combined

Cleveland Twist Drill Co., 1 E 49th, Cleve**land, O.**
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co., Detroit,
Republic Tool & Mfg. Co., 1401 W 9th, Cleveland, O.
Mich.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
Standard Tool Co., 6700 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), **Borden av, Syracuse, N. Y**
Union Twist Drill Co., Athol, Mass.

3278— Couplers (Car)

American Steel Foundries ("Simplex"), McCormick bldg, Chicago, Ill.
Buckeye Steel Castings Co. (Cast Steel), **Columbus, O.**
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Gould Coupler Co. ("Gould"), 30 E 42nd, New York
Hamilton Wm. Sons Car Co., Newark, O.
McConway & Torley Co. ("A. R. A.," "Janney X," "Janney," "Penn," "Nemo," & "Pitt," Made from Open Hearth Cast Steel), 48th & A. V. R. R., Pittsburgh, Pa.
Michigan Malleable Iron Co., Delray, Detroit, Mich.
Monarch Steel Castings Co. ("Monarch," Solid "Detroit" Couplers & Coupler Attachments), Solway & Wab. R. R., Detroit, Mich.
National Car Coupler Co. ("Hinson," "National" Freight, Passenger & Industrial Cars), 332 S Michigan av, Chicago, Ill.
National Malleable Castings Co. ("Tower," "Climax," "Sharon," "Latrobe," "Munton," "Melrose," "Chicago" & "M. C. B."), 7706 Plattar, S. E., Cleveland, Ohio
Ohio Brass Co. ("Tomlinson"), Mansfield, Ohio *See adv index at end of book*
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sanford-Day Iron Works (Cushion), Knoxville, Tenn.
Scullin Steel Co. ("Durbin" Safety), 6700 **Manchester av, St. Louis, Mo.**
Standard Coupler Co. ("Standard"), 30 Church, New York
Stark Car Coupler Corp. ("Stark" Automatic), Strasburg, Va.
Van Dorn Coupler Co. (Automatic), 2325 S Paulina, Chicago, Ill.

3279-80— Couplers (Dog)

Niagara Falls Metal Stamping Works ("Prema" Special), Niagara Falls, N. Y.

3281—Couplers (Shaft, Wagon, Etc.)

See also Anti-Rattlers, Steel

Bradley C. C. & Son Inc. ("Bradley Carriage"), Syracuse, N. Y.
Cleveland Hardward Co., Lakeside av. & **E. 45th, Cleveland, O.**
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Eccles, Richards Co. (Drop Forged, Ball Bearing), Auburn, N. Y.
Evans & Coppins Co., Princeton, Ill.
Fernald Mfg. Co. ("Spitzli," "Empire," "Handy"), North End, Pa.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
Seward M. & Son Co., New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Union Forging Co. (Straight Bar), Union, N. Y.
Upson Nut Co., Cleveland, O.

3282—Couplers (Steam & Air Hose)

See also Couplings, Hose

Claflin C. A. Co. ("Noblok," "Sure Hold," "Push & Turn"), 60H Pearl, Boston, Mass.
Consolidated Car Heating Co. ("Sewell" Steam), Dept. H, Albany, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Manitowoc Ship Building Co. ("Gunnell," Automatic), Manitowoc, Wis.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Railway Utility Co. ("Utility" High Pressure), 721 Fulton, Chicago, Ill.
Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kan.
Robinson Connector Co. (Train), 17 Battery pl, New York
Westinghouse Automatic Air & Steam Coupler Co., Boatman's Bank bldg, St. Louis, Mo.

Couplings (Air Hose)

See Pneumatic Hose Couplings; also Couplers, Steam Hose

3283—Couplings (Bell Cord)

See also Bell Cords & Couplers

Creamer W. G. & Co., 96 John, New York
Dayton Mfg. Co., Dayton, O.
Handlan-Buck Mfg. Co. ("Shelby"), 210-14 N 3rd, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

3284— Couplings (Belt)

Greene, Tweed & Co. ("Moran's" Round), 109 Duane, New York
Manufacturers' Belt Hook Co. ("L-X" Round), 1321 W. Congress, Chicago, Ill.
Mossberg Frank Co. (For Motor Cycles), Attleboro, Mass.
QUADRIGA MFG. & SPECIALTY CO. ("Quadriga" Round Belt), 213 W Grand av, Chicago, Ill.
See adv index at end of book

3285-6—Couplings (Boiler & Water Back)

Acheson Mfg. Co. (Brass), Rankin, Pa.
See adv index at end of book
Atkinson Co., Rochester, N. Y.
Blake Specialty Co., Rock Island, Ill.
Burlington Brass Works, Burlington, Wis.
Central Brass Mfg. Co. ("Central"), 6206 **Cedar, Cleveland, O.**
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Exeter Brass Works, Exeter, N. H.
Glauber Brass Mfg. Co., 49th & Superior, av, N E, Cleveland, O.
Grabler Mfg. Co. (With Union), Cleveland, Ohio
Haines, Jones & Cadbury Co., 1136 Ridge, **Phila., Pa.**
Hamilton Jno. Brass Works ("Kitson"), Bridgeport, Conn.
Hays Mfg. Co., Erie, Pa.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly & Jones Co. (Malleable Iron, etc.), **135 Water, Pittsburgh, Pa.**
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
Lawler Regulator Co. ("Lawler's" Protector), 55 W Houston, New York
McDonald A. Y. Mfg. Co., Dubuque, Iowa
Mueller H. Mfg. Co., Decatur, Ill.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Peck Bros. & Co., New Haven, Conn.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Stebbins E. Mfg. Co. Springfield, Mass.
Trenton Brass & Machine Co. ("Trenton," "Paragon" Inside Screw, Short Tapered, Tapered "Magee" & "New York", Patterns), Trenton, N. J.
Union Metal Works, Chelsea, Mass.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

3287— Couplings (Clamp)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Cresson-Morris Co. (Internal, etc), 18th & Allegheny av, Phila., Pa.
DODGE SALES & ENGINEERING CO. ("The Grim Death," Keyless, Ribbed), Mishawaka, Ind.
Hill Clutch Co., W 65th, Cleveland, O.
Morse A. J. & Son (Inc.), 221 High, Boston, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Wolf Co., Chambersburg, Pa.

3288— Couplings (Closet)

American Brass & Copper Co. (Also Closet Repairs), 138 Lafayette, New York
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Park & McKay, 55 Bagley av, Detroit, **Mich.**
Republic Rubber Co., Youngstown, O.
Salem Brass & Iron Mfg. Co. (Rubber), Salem, N. J.
Trenton Brass & Machine Co., Trenton, N. J.

3289— Couplings (Clutch)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Chain Belt Co. (Spiral, Square, etc), Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Golden's Fdry & Machine Co., Columbus, Ga.
Grace C. M. Co., Huntsville, Ala.
HANSON CLUTCH & MACHINERY CO., Tiffin, O. *See adv index at end of book*
HILL CLUTCH CO., W 65th, Cleveland, O.
Hilliard Clutch & Machinery Co. (Cut-off), Elmira, N. Y.

COUPLINGS (CLUTCH)—continued

JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

List E. J. Mfg. Co (Positive Grip & Line Shaft), Havana, Ill.

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

Mobile Stove & Pulley Mfg. Co., Mobile, Ala.

Morse A. J. & Son Inc., 221 High, Boston, Mass.

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

O. K. Clutch & Machinery Co., Columbia, Pa.

Robinson Mfg. Co., Muncy, Pa.

Thomas Flexible Coupling Co. ("Empire"), Erie, Pa.

Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

Webster Mfg Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill. *See adv index at end of book*

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co., Chambersburg, Pa.

3290—Couplings (Compression)

American Tool & Machine Co., 10 High, Boston, Mass.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Bond Foundry & Machine Co. ("Spiro"), Manheim, Pa.

Brown A. & F. Co., 79 Barclay, New York
Works: Elizabethport, N. J.

Chain Belt Co. ("C. B. Co."), Milwaukee, Wis.

Commonwealth Brass Corp., 5781 Commonwealth av & Ry, Detroit, Mich.

Dole Valve Co. (Double Compression), 1923 Carroll av, Chicago, Ill.

Erie Clutch & Pulley Co., Erie, Pa.

Golden's Fdry. & Machine Co., Columbus, Ga.

Hill Clutch Co., W 65th, Cleveland, O.

Hunter James Machine Co., N Adams, Mass.

Imperial Brass Mfg. Co. ("Imperial"), 1200 W Harrison, Chicago, Ill.
See adv index at end of book

JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.

Minneapolis Steel & Machinery Co., 2854 Minnehaha av., Minneapolis, Minn.

Mobile Stove & Pulley Mfg. Co., Mobile, Ala.

Newton Mfg. Co. (Solderless), Plainville, Conn. *See adv index at end of book*

NICHOLSON W. H. & CO. (Shaft), Wilkes-Barre, Pa.

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

Oliver Wm. J. Mfg. Co., **Knoxville, Tenn.**

Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.

Royersford Foundry & Machine Co., **Royersford, Pa.**

Shaw Coupling Co., Syracuse, N. Y.

Stuart R. J. & T. H. (Wedge), New Hamburg, N. Y.

Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

Valley Iron Works ("Hendershot"), Williamsport, Pa.

Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co. (Double Cone, etc), Chambersburg, Pa.

3291— Couplings (Conduit)

American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.

Appleton Electric Co. (No Thread), Wellington & Paulina, Chicago, Ill.

Bonnell W. A. Co., 192 Chambers, New York

Burns Jas. F., 713 Cherry, Phila., Pa.

Central Tube Co., First National Bank bldg, Pittsburgh, Pa.

Condit Electrical Mfg. Co. ("Chase" Nipple; Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.

Enameled Metals Co., 61 Bridge, Pittsburgh, Pa.

Gillette-Vibber Co. ("G. V. Universal"), New London, Conn.

Grabler Mfg. Co. (Fixture Studs), Cleveland, O.

McCabe Charles A. (Threadless), Wilkes-Barre, Pa.

National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.

Safety Armorite Conduit Co., West, Pittsburgh, Pa.

Sprague Electric Works, 527 W 34th, New York

Steel City Electric Co. ("Marchand" Flexible Steel), 1207 Columbus av, Pittsburgh, Pa.

Thomas & Betts Co. ("Erickson"), 63 Vesey, New York

Waldo Bros. & Bond Co. ("Felton"), 181 Congress, Dept. H

Couplings (Conduit Rod)

See Rods, Conduit Wiring & Cleaning

3292-3— Couplings (Cut-Off)

Allis-Chalmers Mfg. Co. ("A. C." Friction Clutch), Milwaukee, Wis.

American Tool & Machine Co., 10 High, Boston, Mass.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Bond Foundry & Machine Co., Manheim, Pa.

Brown A. & F. Co., 79 Barclay, New York

Brown Clutch Co. ("Brown"), Sandusky, Ohio

Brown Engineering Co. ("Mule-Pull" Friction), 110 N 3rd, Reading, Pa.

Caldwell W. E. Co., Louisville, Ky.

Carruthers & Fithian Clutch Co., Grove City, Pa.

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

Eastern Machinery Co., New Haven, Conn.

Edgemont Machine Co., Dayton, O.

Erie Clutch & Pulley Co., Erie, Pa.

Falls Clutch & Machy. Co., Cuyahoga Falls, O.

HANSON CLUTCH & MACHINERY CO., Tiffin, O. *See adv index at end of book*

Hess-Snyder Co., Massillon, O.

HILL CLUTCH CO., W 65th, Cleveland, O.

Hilliard Clutch & Machy. Co., **Elmira, N. Y.**

JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Minster Machine Co., Minster, O.

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

O. K. Clutch & Machy. Co., Columbus, Pa.

Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.

Thomas Flexible Coupling Co. ("Empire"), Erie, Pa.

Walker Mfg. Co. (Patent Balanced), Denver, Colo.

Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

Wellman-Seaver-Morgan Co., **Cleveland, O.**
See adv index at end of book

Westlund C. G. Co. ("Star Safety," "Westlund Split"), 298 Millbury, Worcester, Mass.

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co. ("Universal Giant" Friction Clutch), **Chambersburg, Pa.**

3294—Couplings (Expansion)

Elkhart Brass Mfg. Co. (Expansion Ring), Elkhart, Ind.

Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.

Jones Jas Co., 201 Leroy, Los Angeles, Cal.

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Morse A. J. & Son, Inc., 221 High, Boston, Mass.

Ohio Pump & Brass Co. (Expansion Rod), Columbus, O.

Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

3295— Couplings (Flange)

American Tool & Machine Co., 10 High, Boston, Mass.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Bond Foundry & Machine Co., Manheim, Pa.

Brown A. & F. Co., 79 Barclay, New York.

Caldwell W. E. Co., Louisville, Ky.

Chain Belt Co., Milwaukee, Wis.

Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.

Cumberland Steel Co., Cumberland, Md.

Eastwood Benj. Co., Paterson, N. J.

Erie Clutch & Pulley Co., Erie, Pa.

Golden's Fdry. & Machine Co., Columbus, Ga.

Grace C. M. & Co., Huntsville, Ala.

Great Western Mfg. Co., Leavenworth, Kan.

Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book

Hill Clutch Co., W 65th, Cleveland, O.

Jefferson Union Co. ("Jefferson"), Lexington, Mass.

JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Minneapolis Steel & Machinery Co., 2854 Minnehaha av., Minneapolis, Minn.

Mobile Stove & Pulley Mfg. Co., Mobile, Ala.

Morse A. J. & Son, Inc., 221 High, Boston, Mass.

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

Oliver Wm. J. Mfg. Co., **Knoxville, Tenn.**

Pittsburgh Valve, Foundry & Construction Co., 26th & A V R R, Pittsburgh, Pa.

Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.

Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

Wilcox, Crittenden & Co., Inc. (For Marine Motors), Middletown, Conn.
See adv index at end of book

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co., Chambersburg, Pa.

3296— Couplings (Flexible)

Aldrich Pump Co., Allentown, Pa.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

BOND CHAS. CO. ("Grundy" Insulated), 617 Arch, Phila., Pa.

Bond Foundry & Machine Co., **Manheim,** Pa.

Brown A. & F. Co., 79 Barclay, New York.

BROWN ENGINEERING CO., 110 N 3rd, Reading, Pa.

Bruce-Macbeth Engine Co., Cleveland, O.

Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.

Clark Flexible Coupling Co., **27 Walker,** New York

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

Dexter I. H. Co., 177 Greenwich av, Goshen, N. Y.

Dodge Sales & Engineering Co., **Mishawaka,** Ind.

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book

FAWCUS MACHINE CO., 2818-2828 Smallmann, Pittsburgh, Pa.
See adv index at end of book

Flexo Coupling Co., Montclair, N. J.

Francke Co., New Brunswick, N. J.

General Elec. Co., Schenectady, N. Y.
See adv index at end of book

Hanson Clutch & Machy Co., Tiffin, O.
See adv index at end of book

Hill Clutch Co., W 65th, Cleveland, O.

Hooven, Owens, Rentschler Co. ("Hamilton"), Hamilton, O.
See adv index at end of book

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. Div.), Worcester, Mass.
See adv index at end of book

Jones W. A. Foundry & Machine Co. ("Jones"), 4401 W 12th, Chicago, Ill.

Mesta Machine Co. (For Rolling Mills, etc.), Box 1124, Pittsburgh, Pa.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Roots P. H. & F. M. Co., Connersville, Ind.

Smith-Serrell Co. (Sales Agts.), 90 West, New York

Thermoid Rubber Co. (Fabric), Trenton, N. J.

Thomas Flexible Coupling Co. ("Simplex"), Erie, Pa.

Thompson Bros. ("Uniflex"), H Milnor, Phila., Pa.

Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

3297—Couplings (Flexible Cushion)

Aldrich Pump Co., Allentown, Pa.

Fawcus Machine Co., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Snead & Co., Jersey City, N. J.

Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

Thermoid Rubber Co., Trenton, N. J.

3298-9—Couplings (Friction Clutch)

Allis-Chalmers Mfg. Co. ("A C"), Milwaukee, Wis.

American Tool & Machine Co., 10 High, Boston, Mass.

Bailey-Burruss Mfg. Co., Atlanta, Ga.

Bond Foundry & Machine Co., Manheim, Pa.

Brown A. & F. Co., 79 Barclay, New York

Brown Clutch Co., Sandusky, O.

BROWN ENGINEERING CO. ("Mule-Pull" Cut Off), 110 N 3rd, Reading, Pa.

Caldwell W. E. Co., Louisville, Ky.

Chain Belt Co., Milwaukee, Wis.

Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.

Eastern Machinery Co., New Haven, Conn.

Edgemont Machine Co., Dayton, Ohio

Erie Clutch & Pulley Co., Erie, Pa.

Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.

Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio

Golden's Foundry & Mach. Co., Columbus, Ga.

Gump B. F. Co., 431 S. Clinton, Chicago, Ill.

HANSON CLUTCH & MACHY. CO., Tiffin, O. *See adv index at end of book*

HILL CLUTCH CO., W 65th, Cleveland, O.

Hilliard Clutch & Machinery Co. (Cut-off), Elmira, N. Y.

JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*

Jones W. A. Foundry & Machine Co., ("Lemley"), 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McMahon & Co. ("McMahon" Cut Off), Water cor. Ledge, Worcester, Mass. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Morse A. J. & Son, 221 High, Boston, Mass.
Plamondon A. Mfg. Co., Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Thomas Flexible Coupling Co. ("Empire"), Erie, Pa.
Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.
Walker Mfg. Co. (Patent Balanced), Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

3300— Couplings (Hose)

See also Couplers, Steam & Air Hose; also Pneumatic Hose Couplings

Acme Brass Works, 147 Baxter, New York
Allen W. D. Mfg. Co. (Pneumatic, Rubber for Air, Water, Steam & Suction Hose), 566 W Lake, Chicago, Ill. *See adv index at end of book*
Allen W. D. Mfg. Co. (Fire, Plain & Automatic), 566 W Lake, Chicago, Ill.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Anderson Coupling & Fire Supply Co. (Automatic), Kansas City, Kans.
Aterite Co., Inc. ("Aterite"), N. E. Cor. John & William, New York
Boston Coupling Co. (Fire Hose), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Clark W. J. Co. ("Quick-as-Wink"), Salem, O.
Clay Jno. H. ("Clay-Jones" Fire Hose), 1320 Ridge av, Phila., Pa.
Combination Ladder Co. ("McIntyre"), 366 Fountain, Providence, R. I.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Dixon Valve & Coupling Co. ("Boss"), 11th & Race, Phila., Pa.
Duplex Hose Coupling Co., Wilkinsburg, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Elkhart Brass Mfg. Co. ("Cowan," "Fehy;" also Suction Hose), Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Handlan-Buck Mfg. Co. ("Lightning" for Compound Air), 210-14 N 3d, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Helwig Mfg. Co. ("Helwig" Automatic Shut-Off), St. Paul, Minn.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Independent Pneumatic Tool Co., 600 W. Jackson blvd, Chicago, Ill.
James Mfg. Co. ("Klingtite"), Cleveland, Ohio
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (For Drill & High Pressure), 821 Cherry, Phila., Pa.
Lasker & Minck, 220 B'way, New York
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McShane Bell Foundry Co., Hanford av & B & O R R, Baltimore, Md.
Manitowoc Shipbuilding Co. ("Gunnell") Manitowoc, Wis.
Medina Stamping & Mach. Co., Medina, N. Y.
Metric Packing Co., 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
Morse A. J. & Son (Inc.), 221 High, Boston, Mass.
Mulconroy Co. ("Mulconroy"), 54th & Jefferson, Phila., Pa.
Nelson L. R. ("Perfect Clinching" All Brass), Peoria, Ill.
Neumeyer H. F. & Son ("Never Slip"), Macungie, Pa.
Newhall Geo. N. Enging. Co. ("Pahlow"), Commercial Tr. bldg, Phila., Pa.
Nichols E. M. ("Nichols"), 212 W Washington Sq, Phila., Pa.
Nunn Brass Works ("Emergency" Fire Hose), Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.
Peoria Can Co. ("Improved Perfect," Clinching), Peoria, Ill.
Pioneer Brass Works ("P. B. W." Expansion Ring), Indianapolis, Ind.
Powell Wm. Co. (Ground Joint), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Rauch Mfg. Co. ("Eureka" & "Reliable" for Steam & Air Hose), Galena, Kans.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Standard Brass & Iron Works (Brewers, etc; also for Steam Hose), 1820 St. Paul av, Milwaukee, Wis.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Titeflex Metal Hose Co. (Flexible Metal), Badger av & Runyon, Newark, N. J.
Vapor Car Heating Co., 1450 Railway Ex., Chicago, Ill.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Walworth Mfg. Co., Boston, Mass.
Waterbury Brass Goods Corporation (Wrought Brass), Waterbury, Conn.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

3301—Couplings (Hose Band)

Dixon Valve & Coupling Co. ("Boss"), 11th & Race, Phila., Pa.
Jones Jas Co., 201 Leroy, Los Angeles, Cal.
McChesney J. S. & Co. ("McChesney" Galvanized Wire Hose Bands, 105 N Clark, Chicago, Ill.
Morgan Mfg. Co, Inc. ("Morgan's" Clamp), Keene, N. H.
Morse A. J. & Son, 221 High, Boston, Mass.

3302—Couplings (Hose, Fire)

Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
ALLEN W. D. MFG. CO., 566 W. Lake, Chicago, Ill. *See adv index at end of book*
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson G. A. Mfg. Co. ("Anderson"), Bush & Russell, Baltimore, Md.
Boston Coupling Co., 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Boyd Jas. & Brother, 25th & Wharton, Philadelphia, Pa.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Clay John H., 1320 Ridge av, Phila., Pa.
Davoren W. T. Brass Finishing Works ("Davoren-Denver"), 1241 12th, Denver, Colo.
Dixon Valve & Coupling Co. ("Boss"), 11th & Race, Phila., Pa.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

3303—Couplings (Hydraulic Pipe Line)

3304— Couplings (Insulated)

Bond Chas. Co., 617 Arch, Phila., Pa.
Brown A. & F. Co., 79 Barclay, New York
General Elec. Co., Schenectady, N. Y. *See adv index at end of book*

3305—Couplings (Lead Flange)

Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.

3306—Couplings (Lead Pipe)

Chapman Valve Mfg. Co. ("Anderson"), Indian Orchard, Mass.
Craig, G. C., Rumney Depot, N. H.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Morden Iron Works, Quincy, Ill.

3307— Couplings (Meter)

Clark H. W. Co. ("Teksagon," "No Gasket"), Mattoon, Ill.
Hays Mfg. Co., Erie, Pa.

3308— Couplings (Pipe)

A. & J. MFG. CO. (Wrought Iron), 559 W Lake, Chicago, Ill.
Atkins H. C. Mfg. Co., 745 S 3rd, St. Louis, Mo.
Banner Mfg. Co. (for Urinal Basins), 109 Lafayette, New York
Belknap Mfg. Co. (Circulating), Bridgeport, Conn.
BYERS A. M. CO. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa. *See adv index at end of book*
Central Tube Co., First National Bank bldg, Pittsburgh, Pa.
Chapman Valve Mfg. Co. ("Anderson"), Indian Orchard, Mass.
Cohoes Rolling Mill Co., Cohoes, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
CRESSMAN N. C. CO., Drexel bldg, Phila., Pa.
Custer Coupling Co., Bradford, Pa.
Dart E. M. Mfg. Co. ("Dart"), 134 Thurbers av, Providence, R. I. *See adv index at end of book*
Dayton Pipe Coupling Co. ("Dayton" All Steel), Dayton, O.
Dresser S. B. Mfg. Co. ("Dresser"), Bradford, Pa.
Fairbanks & Co. ("Dart"), 416 Broome, New York
Grabler Mfg. Co. (Wrought Iron), Cleveland, O.
Hammon Coupler Co. ("Hammon"), Farmers Bank bldg, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. ("Kelly," Wrought Iron, etc.), 135 Water, Pittsburgh, Pa.
Kleinman R. F. (Wrought Iron), 4508 N 8th, Phila, Pa.
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Malleable Iron Fittings Co. ("M. I. F. Co."), Bradford, Conn.
Morse A. J. & Son, 221 High, Boston, Mass.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
New Haven Screw Co. (Up to ½ inch), 191 Foster, New Haven, Conn. *See adv index at end of book*
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
South Chester Tube Co., Chester, Pa.
Strater Herman & Sous, 74 Sudbury, Boston, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Couplings (Pump Rod)

See Sockets, Pump Rod

3309— Couplings (Safety)

Bond Foundry & Machine Co., Manheim, Pa.

3309a—*Couplings (Seamless Steel)

Harrisburg Pipe & Pipe Bending Co. (Casings, Drills, Pipe & Line Pipe), Herr nr. 10th, Harrisburg, Pa.

3310— Couplings (Shafting)

Allis-Chalmers Mfg. Co. ("A. C." Friction Clutch), Milwaukee, Wis.
Almond T. R. Mfg. Co. (Angular or Quarter Turn Countershaft), Ashburnham, Mass.
American Tool & Machine Co., 10 High, Boston, Mass.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bailey Geo. D. Co. (Magneto), 1120 S Michigan av, Chicago, Ill.
Boeger-Meyer Mach. & Tool Co., 61 McWhorter, Newark, N. J.
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Quincy & C. P. Ry, Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York
Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Coronum Equipment Co. (Compression), 89 Fulton, New York
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Cunningham & Birdwood, Lynn, Mass.
DODGE SALES & ENGINEERING CO. (All Types Keyed & Compression), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Golden's Foundry & Machine Co., Columbus, Ga.
Grace C. M. & Co. (Compression Flange Clutch, etc.), Huntsville, Ala.
Great Western Mfg. Co., Leavenworth, Kan.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hanson Clutch & Machy. Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co., Holyoke, Mass.
Hunter James Machine Co., North Adams, Mass.
Janney & Co., Montgomery, Ala.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Keystone Forging Co., Northumberland, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lombard Iron Works & Supply Co., Augusta, Ga.

COUPLINGS (SHAFTING)—continued
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av., Minneapolis, Minn.
Nicholson W. H. & Co. (Compression), Wilkes-Barre, Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Penntroy Corp. ("Pintite" rigid), Troy, Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Royersford Fdry. & Machine Co., Royersford, Pa.
Safety First Mfg. Co. Washington, D. C.
Stanley Belting Corpn. ("Bull Dog Safety"), 34 S Clinton, Chicago, Ill.
Strong Homer ("Estes"), Rochester, N. Y.
Stuart R. J. & T. H., New Hamburg, N. Y.
Thomas Flexible Coupling Co. ("Little Giant"), Erie, Pa.
Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N. Kostner av, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kan
Wisconsin Fdry. & Mach. Co. (Line), Madison, Wis.
Witte Engine Works, 16th & Oakland, Kansas City, Mo.
Wolf Co., Chambersburg, Pa.

3311—Couplings (Soldering)

Exeter Brass Works, Exeter N. H.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.

3312—Couplings (Sucker Rod)

American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.) (Wrought Forged), Box J, Seneca Falls, N. Y.

3313— *Couplings (Swivel)

Alvey Mfg. Co., 3201H S Broadway, St. Louis, Mo.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.

3314—Couplings (Universal)

Golden's Foundry & Machine Co., Columbus, Ga.
Norwalk Auto Parts Co., Norwalk, O.
Mesta Machine Co., Box 1124 Pittsburgh, Pa. *See adv index at end of book*
Snead & Co., ft Pine, Jersey City, N. J.

Couplings (Wire Rope)

See Clamps, Wire Rope

3314a—*Covers (Ash & Garbage)

Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y. *See adv index at end of book*

3315—Covers (Automobile Radiator)

Allen Auto Specialty Co., 16 W 61st, New York
Atlas Specialty Mfg. Co., 16 E 24th, Chicago, Ill.
B. E. Mfg. Co. ("Bemco..), 18 W 18th, New York
Fesser Frank S. Co. ("Superior"), 1033 Shelby, Indanapolis, Ind.
Fulton Bag & Cotton Mills (Burlap and Cotton), Atlanta, Ga.
Gilbert Mfg. Co., New Haven, Conn.
Gordon J. P. Co., Columbus, O.
Kroh C. Z. Mfg. Co., Toledo, O.
Premier Auto Novelty Mfg. Co., 149 Chambers, New York
Sioux City Auto Top Co., Sioux City, Ia.

3316— Covers (Barrel)

Bemis Bro. Bag Co. (New & Second Hand) 601 S 4th, St. Louis, Mo.
Eastern Burlap Bag Co., 95 Commerce, Hartford, Conn.
Fulton Bag & Cotton Mills (Burlap & Cotton), Atlanta, Ga.
Getz M. & Co., 162 First, San Francisco, Cal.
Monville, Gilles & Co. (Burlap), 127 Catharine, Phila., Pa.
Parks M. H. & Co. ("Gem," "Champion"), Winchendon, Mass.

3317-8—Covers (Battery Jar)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Consumers' Rubber Co. ("Euclid"), 829 Superior, Cleveland, O.
Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
India Rubber Co., New Brunswick, N. J.
International Insulating Corp., 25 W 45th, New York
Stokes Jos. Rubber Co., Trenton, N. J

3319—Covers (Binder, Implement & Stack)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Atlanta Tent & Awning Co., Atlanta, Ga.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Harry O. K. Steel Co. ("O. K. Harry"), 2333 Papin, St. Louis, Mo.
Henry & Allen ("H. & A."), Auburn, N. Y.
Herschel R. Mfg. Co. ("R. H. Mfg. Co.."), Peoria, Ill.
Hettrick Mfg. Co., Toledo, O.
Massey-Harris Harvester Co. ("Johnston"), Batavia, N. Y.
Kretchmer Mfg. Co. (Corrugated Steel), Council Bluffs, Ia.
Sparta Plow Works ("Sparta"), Sparta, Ill.
Whitaker Mfg. Co. ("Perfect Fit"), 409 S Green, Chicago, Ill.

3320— Covers (Broom)

Bemis Bro. Bag Co. (Paper, Cotton & Burlap), 601 S 4th, St. Louis, Mo.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Genesee Textile Co. ("Tex-Style," Dustless), Rochester, N. Y.
Harris Bag Co., Caxton bldg, Cleveland, O.
Pioneer Mfg. Co. ("Shino" Chemical), 3053H E 87th, Cleveland, O.

3321— Covers (Canvas)

See also Tarpaulins, Wagon Covers, etc. Also Tents, Contractors', etc
Atlanta Tent & Awning Co., Atlanta, Ga.
Bethlehem Shipbuilding Corp., Ltd. (Boat, Machinery, etc.), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Carpenter Geo. B. Co., 440 North Wells, Chicago, Ill.
Dafoe-Eustice Co. (Waterproof), 1164 W Jefferson, Detroit, Mich.
Daniel C. R., Inc., 115 South, New York
Fulton Bag & Cotton Mills (Boat, etc.), Atlanta, Ga.
Goss J. C. Co. (Waterproof), 16 E Woodbridge, Detroit, Mich.
Hettrick Mfg. Co., Toledo, O.
Stanley Wm. W. (Plain & Waterproof), 50 Church, New York
Stonbridge C. H. Mfg. Co., 23 Warren, New York
Wyandotte Awning & Tent Co., Kansas City, Kans.

3322— Covers (Catch Basin)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Compound Injector & Specialty Co. ("Dehn's," "Acme"), 419 N Laramie av, Chicago, Ill.
Davies & Thomas Co., Catasauqua, Pa.
Decatur Foundry Co., Decatur, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Duplex Mfg. & Foundry Co., Elyria, O.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Galion Iron Works & Mfg. Co., Galion, O.
Greenwood Mfg. Co. ("Boosey's"), 5140H Greenwood, Detroit, Mich.
Hastings Foundry & Iron Works, Hastings, Neb.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Madison Foundry Co. ("Acme"), Cleveland, O.
Motor Castings Co., South Bend, Ind.
Mott J. L. Iron Works, Trenton, N. J.
Standard-Elsmere Granite Co., 1752-56 N Spaulding av., Chicago, Ill.
Stowell Co. The, So Milwaukee, Wis.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Youngstown Foundry & Machine Co., Youngstown, O.

3323— Covers (Cistern)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
Majestic Co. ("Majestic" Ring & Cover with Drop Handle), Huntington, Ind.
Pennsylvania Structural Slate Co., Drake bldg, Easton, Pa.
Phillips & Buttorff Mfg. Co. (Cast Iron), Nashville, Tenn.
Sperry D. R. & Co., Batavia, Ill.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Wagner Mfg. Co., Sidney, O.
Waterloo Register Co., Waterloo, Ia.

3324— Covers (Coal Hole)

American Abrasive Metals Co., 50 Church, New York
American 3-Way Prism Co., La Porte, Ind.
Barber Mfg. Co. (With or Without Glass), Ashtabula, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co. (Solid & Ventilated), Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Columbia Iron & Wire Wks. Co., Canton, O.
Covert H. W. Co. (Safety), 137 E 46th, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Dauchy Iron Works, 223 W Illinois, Chicago, Ill.
Frantz Mfg. Co., Sterling, Ill.
Hastings Foundry & Iron Works, Hastings, Neb.
Love Bros, Aurora, Ill.
McGuigan John & Co., 142 Stillman, San Francisco, Cal.
McLagon Foundry Co., New Haven, Conn.
Mackinnon Boiler & Machine Co., 218 N Water, Bay City, Mich.
Madison Foundry Co. ("Acme"), Cleveland, O.
Mansfield Steel Corp., 288 Milwaukee av, East Detroit, Mich.
Mesker Geo. L. & Co., Evansville, Ind.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Paxton & Vierling Iron Works, Omaha, Neb.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av
See adv index at end of book
Sterling Foundry Co., Sterling, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Treaty Co., Greenville, O.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wis. Iron & Wire Works, 1660H Booth, Milwaukee, Wis.

3324a— Covers (Crucible)

Braun-Knecht-Hermann Co. (Graphite), 576-584 Mission, San Francisco, Cal.
Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
Ohio Pottery Co. (Glazed Lids for "A" Form Crucibles), Zanesville, O.

3325— Covers (Dish, Petri)

Ohio Pottery Co ("Ohio"), Zanesville, O.

3326— Covers (Dish, Wire)

Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Parker Wire Goods Co., Worcester, Mass.
Wickwire Spencer Steel Corp. ("Natwire"), Worcester, Mass.
See adv index at end of book

3327— Covers (Horse)

Atlanta Tent & Awning Co., Atlanta, Ga.
Aronoff Joseph J., Trenton, N. J.
Couch Bros. Mfg. Co., Atlanta, Ga.
Fulton Bag & Cotton Mills ("Shuredry"), Atlanta, Ga.
Hettrick Mfg. Co., Toledo, O.

3328—Covers (Hydro-Extractor)

Firsching John A., Utica, N. Y.

3329—Covers (Laundry Tub)

Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Greason Mfg. Co. ("U N X L D," Galvanized), 108 W 99th, New York
Household Granite Tub Co. ("Ramsdell" Metallic), New Haven, Conn.
Newark Fire Proof Sash & Door Co., 138 Avon av, Newark, N. J.
Shwab Bros. Co. (Galvanized), 811 E 9th, New York

3330— Covers (Manhole)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Barber Mfg. Co., Ashtabula, O.
Beard Foundry & Machine Wks. (Castings), Dept. H, Arkansas City, Kans.
Bissell F. Co. ("Security"), Toledo, O.
Bosworth-Ard Machine & Foundry Co. (Frames), Anniston, Ala.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, O.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Burr Co., Champaign, Ill.
Caldwell E. R. & Co., Bradford, Pa.
Canton Foundry & Machine Co., Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Coldwell-Wilcox Co. (Also Pivot), Newburgh, N. Y.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Concord Foundry & Machine Co. (Also Grates & Traps), Concord, N. H.
Cope T. J., 1620 Chancellor, Phila., Pa.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Daniels H. T. ("Daniels" Adjustable Sewer Frames), 171 Westminster, Providence, R. I.
Davies & Thomas Co., Catasauqua, Pa.
Dearborn Foundry Co., 345 W 23rd, Chicago, Ill.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Donley Bros. Co., 3625 E 4th, Cleveland, O. *See adv index at end of book*
Drummond M. J. & Co., 51 Chambers, New York
Duplex Mfg & Foundry Co., Elyria, O.
Enterprise Foundry Co., Rochester, N. Y.
Fagan Iron Works, 14th, Jersey City, N. J.
Frederick Iron & Steel Co., Frederick, Md.
Galena Foundry & Machine Co., Galena, Kan.
Gillie Mach. Co., Tonawanda, N. Y.
Globe Co., Sheboygan, Wis.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Col.
Hastings Foundry & Iron Works, Hastings, Neb.
Hay Foundry & Iron Works, Plum Point la., Newark, N. J.
Hennessey Foundry Co., Springfield, O.
Holbrook-Armstrong Iron Co., Racine, Wis.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Industrial Iron Works, Clinton, Mo.
International Steel & Iron Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Jones W. A. Foundry & Machine Co., 4401 12th, Chicago, Ill.
Kramer Bros. Foundry Co., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), Cleveland, Ohio
Maher & Flockhart, 76 Polk, Newark, N. J.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Minneapolis Steel & Machinery Co., 2854 Minnehaha av., Minneapolis, Minn.
Modern Iron Works, Quincy, Ill.
Morris Elmer P., 136 Liberty, New York
Motor Castings Co., South Bend, Ind.
Munnsville Plow Co., Munnsville, N. Y.
New Brunswick Iron Works, New Brunswick, N. J.
Nordeen Foundry Co., Everett, Wash.
Noyes B. B. Co., Greenfield, Mass.
Over Ewald, Indianapolis, Ind.
Parsons Co., Newton, Ia.
Paxton & Vierling Iron Works, Omaha, Neb.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Roanoke Iron Works, Roanoke, Va.
Russell Albert & Sons Co., Newburyport, Mass.
Russell Wheel & Foundry Co., Chene Bl R. R., Detroit, Mich.
Sanitary Co., Dept. H, Linfield, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Santa Fe Foundry Co., Richmond, Cal.
S. E. T. Valve & Hydrant Co., 56 Church, New York. *See adv index at end of book*
Sessions Foundry Co. (Subway, etc), Bristol, Conn.
South Bend Fdry. Co., South Bend, Ind.
South Park Foundry & Machine Co., St. Paul, Minn.
Springfield Fdry. Co., Springfield, Mass.
Standard Foundry Co., Buffalo, N. Y.
Stary Frank & Sons, Cedar Rapids, Ia.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stuart Foundry Co., 207 Junction, Detroit, Mich.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Toledo Foundry & Machine Co., Toledo, Ohio
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Tyler Underground Heating System, 855 Progress, Pittsburgh, Pa.
United Iron Works Co., Inc., Kansas City, Mo.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Universal Cable Grip Co., Skaneateles, N. Y.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wagner Mfg. Co., Sidney, O.
Wallace Machine & Foundry Co., Lafayette, Ind.
Wearne Brothers, Omaha, Neb.
Western Iron & Foundry Co., Wichita, Kan
Wilcox Crittenden & Co., Inc., Middletown, Conn.
See adv index at end of book
Youngstown Foundry & Machine Co. Youngstown, O.

3331— Covers (Nut)

See also Caps, Hub

Glauber Brass Mfg. Co. (Nickel Plated), 49th & Superior av N E, Cleveland, O.
See adv index at end of book

3332—Covers (Paper Shipping)

Acme Paper Co., 52 Elizabeth, New York
Harris Bag Co., Caxton bldg, Cleveland, O.
Herrlinger & Co. (For Buggies), 206 Walnut, Cincinnati, O.
Kennedy Car Liner & Bag Co., Shelbyville, Ind.
Seinsheimer Paper Co., York & McLean, Cincinnati, O.
Thompson & Norris Co., The (Corrugated), 212 Concord, Brooklyn, N. Y.

3333— Covers (Pot)

Cassady, Fairbank Mfg. Co. ("Lasher's" Spring Handle), 6126 S La Salle, Chicago, Ill.
Ford Mfg. Co., Newark, N. J.
Kitchen Specialty Mfg. Co., Reading, Pa.
Republic Metal Ware Co., ("New Kink" & "Handi-Hook"), Buffalo, N. Y.
Royal Mfg. Co., 406 Commerce, Phila, Pa.
Troy Stamping Works, Troy, N. Y.

3334—Covers (Service Box)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Patterson Mfg. Co. ("Nobolt"), Keystone bldg, Pittsburgh, Pa.
Sanitary Co., Dept. H, Linfield, Pa.

3335— Covers (Shoe)

Endura Mfg. Co. ("Duraflex"), 63d & Eastwick av, Phila., Pa.
Rubber Fibre Co. ("Elasto"), 560 First, Boston, Mass.

3336— Covers (Shuttle)

Disston Henry & Sons, Tacony, Phila, Pa.

3337—Covers (Steering Wheel)

Empire Tire & Rubber Corp. ("Empire"), Trenton, N. J.

3338—Covers (Table, Paper)

Archer Tire & Rubber Co. ("Archer" Fabric), 711 15th av N E, Minneapolis, Minn.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.

3339— Covers (Tire)

Allen Auto Specialty Co. ("Allen"), 16 W 61st, New York
Atlas Specialty Mfg. Co., 18 E 24th, Chicago, Ill.
Empire Tire & Rubber Corp., Trenton, N. J.
Gilbert Mfg. Co. ("Gilbert"), New Haven, Conn.
Gordon J. P. Co., Columbus, O.
Kimball Tire Case Co. (Steel), Council Bluffs, Ia.
Martn Auto Specialty Co. ("Martin"), Lancaster, O.

Covers (Wash Tub)

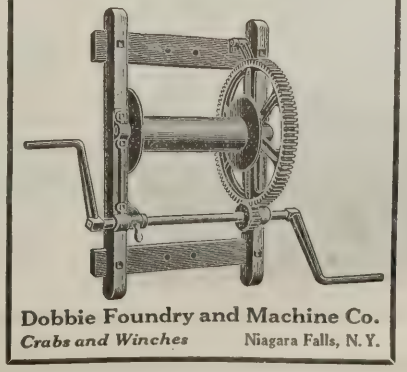
See Covers, Laundry Tub

3340— Cowls (Chimney)

Mechanicville Specialty Supply Mfg. Co. (Roof), Mechanicville, N. Y.
Pullman Ventilator & Mfg. Co ("Pullman" Ventilating Cowl), York, Pa.

3341— Crabs (Hoisting)

American Hoist & Derrick Co. (Single & Double Drum), St. Paul, Minn.
Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.
Byers John F. Machine Co. (Hook & Chain Stone Crabs, etc), 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Byers Machine Co., The (Hook & Chain Stone Crabs, etc.), 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clyde Iron Works, Duluth, Minn.
Dake Engine Co. (Motor Crabs, Operated by Steam, Air, or Electricity), Grand Haven, Mich.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*



Dobbie Foundry and Machine Co.
Crabs and Winches Niagara Falls, N. Y.

Galena Iron Works Corp., Galena, Ill.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hesse-Martin Iron Works, 468 E Taylor, Portland, Ore.
National Iron Co., Duluth, Minn.
Niles Mine & Mill Supply Co., Cleveland, Ohio
Round D. & Son, Penn R. R. & Henry, Cleveland, O.
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book
United Iron Works Co., Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
See adv index at end of book

3342— Crabs (Pole)

English & Mersick Co., New Haven, Conn.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

3343— Cradles (Children's)

Abbott John G. (Est. of), (Rocking), Antrim, N. H.
Automatic Cradle Mfg. Co. (Self-Swinging), Stevens Point, Wis.
Banner Mfg. Co. (Rocking), Mt. Airy, N. C.
Cream City Bedding Co. (Rocking & Swinging), 3200 Fond du Lac av, Milwaukee, Wis.
Johnson P. (Rocking), 856 W Erie, Chicago, Ill.
Milwaukee Woven Wire Works (Rocking), 3014-20 Clarke, Milwaukee, Wis.
Paige Morton (Rocking & Swinging), Antrim, N. H.
Preuss R. J. Co. (Rocking & Swinging), 388 38th, Milwaukee, Wis.
Simmons Co., 1347 Michigan, Chicago, Ill.
Sussman H. (Rocking & Swinging), 232 E 111th, New York

3344— Cradles (Grain)

Andres Jos., Kelso, Ind.
Brinser E. C. Sons, Richmond, Va.
Counts J. C. & Sons, Prosperity, S. C.
Derby & Ball, Bellows Falls, Vt.
Fuss J. C., Kauffman, Pa.
McGuire B. C. J., Wilmore, Pa.
North Indianapolis Cradle Works, Indianapolis, Ind.
Schwob J. A. Co., Moundsville, W. Va.
Seymour Mfg. Co., Seymour, Ind.
Walck, Henry S., Greencastle, Pa.

3345—Crane Controllers (Electric)

Allen-Bradley Co. ("Allen-Bradley"), 286 Greenfield av, Milwaukee, Wis.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO. (Reversing, for Electric Cranes, Hoists, etc), Cleveland, O.
See adv index at end of book
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Morgan Engineering Co., Alliance, Ohio
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3346— Crane Runways

CHICAGO BRIDGE & IRON WORKS, (Steel), 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Chesapeake Iron Works, Westport, Baltimore, Md.
ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*
Northern Engineering Works, 9 Chene, Detroit, Mich.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York

3347— Cranes

For Various Kinds of Cranes See Subclassifications following

Advance Engineering Co., Metta av, Cleveland, O.
Alliance Machine Co., Alliance, O.
ARMINGTON ENGNG. CO., Euclid, O.
See adv index at end of book
Barber-Foster Engineering Co., Swetland bldg, Cleveland, O.
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
Bucyrus Co., South Milwaukee, Wis.

CONSULT THE INDEX TO TRADES

BYERS AUTO-CRANE AND REVOLVING TYPES CRANES

Make Sure *Your* Crane Has These!

Byers has led in Crane, Hoist and Bucket construction for over 40 years. Specifications on our new Full Revolving Crane, shown here, include:

Two-ton cast steel machinery base; 1-piece cast steel bull gear and roller path; 5-inch cast steel center quill; 7 x 7 double cylinder reversing engines; 42-inch boiler; 2 live bucket drums; self-locking worm boom hoist; tool steel differential drive.



Three kinds of power; five different mountings; seven different attachments. Write, describing your work.

THE BYERS MACHINE CO., 242 Sycamore St., Ravenna, Ohio

BYERS "Auto-Cranes" and Full Circle Cranes

BYERS MACHINE CO., THE, 242, Sycamore, Ravenna, O.
See adv index at end of book
Carlin John H. Machine Co., Pittsburgh, Pa.
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Chesapeake Iron Works, Westport, Baltimore, Md.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Curtis & Co. Mfg. Co. (Air), 1502 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*
EUCLID CRANE & HOIST CO., Euclid, O.
See adv index at end of book
Franklin Portable Crane & Hoist Co. ("Franklin"), Franklin, Pa.
Hoisting Machinery Co., 50 Church, New York
Industrial Works, Bay City, Mich.
Interstate Bridge & Forge & Mfg. Co., 207 Market, Newark, N. J.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lakside Bridge & Steel Co., N. Milwaukee, Wis.
Lane Mfg. Co. ("Anderson" Rope Driven Traveling), Montpelier, Vt.
Lincoln Iron Works, Rutland, Vt.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Maris Bros., 56th & Gray's av, Phila., Pa.
Milton S. G. & Son ("Champion"), Franklin, Pa.
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, Ohio
Niles-Bement-Pond Co., 111 B'way, New York
Northern Engineering Works ("Northern"), 9 Chene, Detroit, Mich.
Osgood Co., Marion, O.
PAWLING & HARNISCHFEGER CO., Milwaukee, Wis.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roeper Crane & Hoist Works, Reading, Pa.
Shaw Electric Crane Co., 119 W 40th, New York
Shriver T. & Co., Harrison, N. J.
Smith, Whitcomb & Cook Co., Barre, Vt.
SPEIDEL J. G., Reading, Pa.
See adv index at end of book
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Universal Crane Co. ("Universal"), H Swetland bldg, Cleveland, O.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O. *See adv index at end of book*
William A-Box Iron Works Co., 3309 Blake, Denver, Colo.

Cranes (Air)

See Cranes, Pneumatic

3348— Cranes (Auto Truck)

Gerdes & Co., 42 Church, New York
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3349— Cranes (Bracket)

Armington Engng. Co., Euclid, O.
See adv index at end of book
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Curtis & Co. Mfg. Co. (Hand or Power), 1571 Kienlen av, St. Louis, Mo.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Hoisting Machy. Co., 50 Church, New York
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

3350— Cranes (Bridge)

Armington Engng. Co., Euclid, O.
See adv index at end of book
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Chesapeake Iron Works, Westport, Baltimore, Md.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*



Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
Euclid Crane & Hoist Co., Euclid, O.
See adv index at end of book
Lakeside Bridge & Steel Co., N Milwaukee, Wis.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.



OHIO LOCOMOTIVE CRANES

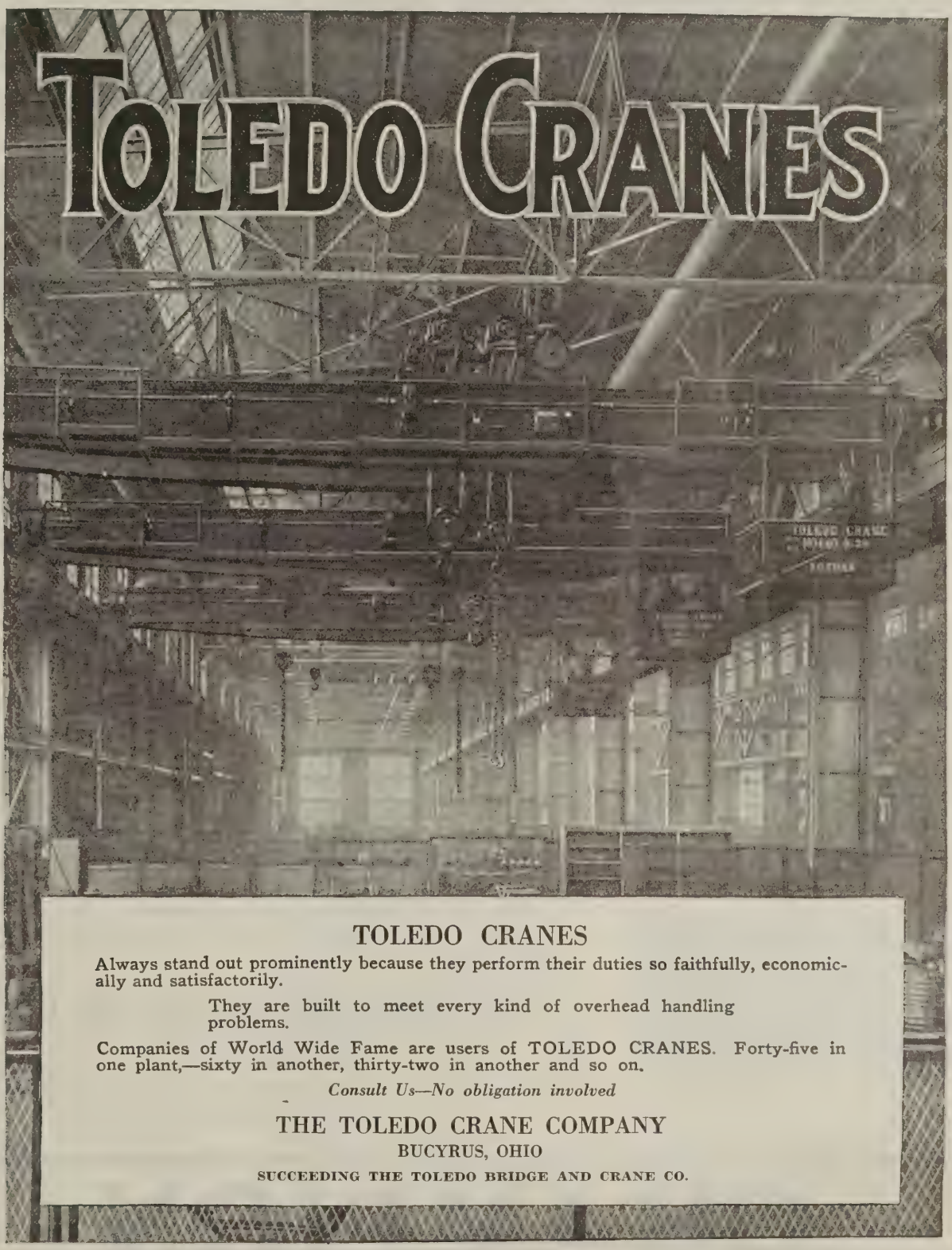
Builders of Locomotive Cranes for magnet, grab bucket and hook work.

To do yard, erection, lumber, construction, pile driving and cargo handling work.

To switch and haul cars.

For use by railroads, industrial plants, contractors, stevedores, steel mills, scrap dealers, mines and all handlers of bulk material.

LOCOMOTIVE CRANE COMPANY
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Always stand out prominently because they perform their duties so faithfully, economically and satisfactorily.

They are built to meet every kind of overhead handling problems.

Companies of World Wide Fame are users of TOLEDO CRANES. Forty-five in one plant,—sixty in another, thirty-two in another and so on.

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BUCYRUS, OHIO

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The Building of a Champion

The first Champion Crane was built five years ago by crane engineers of more than thirty years' experience.

It was their desire to simplify and refine crane design that gave birth to the Champion. They knew the pitfalls of the past that should be avoided, and their ideals of simplicity, accessibility and interchangeability in the Champion design has brought it in four years to the foremost rank.

Skilled mechanics work here in a daylight plant and live in comfortable, well-built homes; many of them erected by the Champion Engineering Company. They take pride in their work and the product shows it.

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Floor Operated Hoists
Cab Operated Hoists
Special Hoists
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New Orleans, La., Whitney Central Bldg.
Pittsburg, Pa., Fidelity Building
Chicago, Ill., Monadnock Building
Portland, Ore., Yeon Building
Los Angeles, Central Building
San Francisco, 32 Beale St.
Seattle, Wash., L. C. Smith Building

CRANE (BRIDGE)—continued

TOLEDO BRIDGE & CRANE CO., 2500 Dorr, Toledo, O.
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3350a— Cranes (Bucket)

CHAMPION ENGINEERING CO., THE, ("Champion"), Columbus, O.
See adv index at end of book

Erie Steel Construction Co., Erie, Pa.
See adv index at end of book

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Whiting Corp., Dept. H, Harvey, Ill.

3351—Cranes (Canning Factory)

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

Zastrow Geo. W. ("Zastrow"), 1410 Thames, Baltimore, Md.

3352— Cranes (Cantilever)

Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.

Case Crane & Engineering Co., Columbus, Ohio

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

CHAMPION ENGINEERING CO. ("Champion"), Kenton, O.
See adv index at end of book

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Lakeside Bridge & Steel Co., No. Milwaukee, Wis.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Northern Engineering Works, 9 Chene, Detroit, Mich.

Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.

Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*

TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

3353—Cranes (Charging & Drawing)

Alliance Machine Co., Alliance, O.

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*

Pawling & Harnischfeger Co. (Open Hearth, Bloomer & Slag Charging), Milwaukee, Wis.
See adv index at end of book

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

3354—Cranes (Charging & Truing)

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

3355—Cranes (Concentric Traveling)

Cleveland Crane & Engineering Co., (Circular Runway), Box 152, Wickliffe, O.

3355a—Cranes (Coal Storage)

Erie Steel Construction Co., Erie, Pa.
See adv index at end of book

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Northern Engineering Works, 210 Chene, Detroit, Mich.

Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3356— Cranes (Derrick)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book

Dunning Carl Supply Co., Lemcke bldg, Indianapolis, Ind.

Lakeside Bridge & Steel Co., No. Milwaukee, Wis

LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

O'Rourke Crane & Engng. Co., 366H Fifth av, New York

Osgood Co., Marion, O.

PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book

Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

Union Tool Co. (For Oil & Gas Wells), Torrance, Cal.

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

Wilson Machinery Co., 301H W 35th, Chicago, Ill.

3357— Cranes (Dock)

Bradney Machine Co., Inc. (power operated), Middletown, N. Y.

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

Gerdes & Co., 42 Church, New York
See adv index at end of book

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

Northern Engineering Works, 9 Chene, Detroit, Mich.

Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3358—Cranes (Electric Locomotive)

Atlas Cor & Mfg. Co., Cleveland, O.
See adv index at end of book

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.

Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.

BYERS MACHINE CO., THE, 242 Sycamore, Ravenna, O.
See adv index at end of book

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book

Exeter Machine Works, Pittston, Pa.

Gerdes & Co., 42 Church, New York
See adv index at end of book

HOISTING MACHINERY CO., 50 Church, New York

Industrial Works, Bay City, Mich.

Johnson & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

LOCOMOTIVE CRANE CO., THE, Bucyrus, O. *See adv index at end of book*

Maine Electric Co., Portland, Me.

United States Crane Co., 122 S Michigan av, Chicago, Ill.

3358a—*Cranes (Electric Railway Wrecking)

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

Whiting Corp., Dept. H, Harvey, Ill.

3359—Cranes (Electric Traveling)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.

Alliance Machine Co. (Also Electric Jib), Alliance, O.

Barker-Foster Engineering Co., Swetland bldg, Cleveland, O.

Bedford Foundry & Machine Co., Bedford, Ind.

Biggs-Watterson Co., Guardian bldg, Cleveland, O.

Box Alfred & Co., 813 N Front, Phila., Pa.

Case Crane & Engineering Co., Columbus, O.

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

Chesapeake Iron Wks., Westport, Baltimore, Md.

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.

Cyclops Iron Wks., 837H Folsom, San Francisco, Cal.

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*

Euclid Crane & Hoist Co., Euclid, O.
See adv index at end of book

ELECTRIC
TRAVELING
CRANES
THE EUCLID CRANE & HOIST CO.
EUCLID, OHIO

Green L. A. (Dealer), First Nat'l Bank, Pitts, Pa.

HOISTING MACHINERY CO., 50 Church, New York

Johnson & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

Lane Mfg. Co., Montpelier, Vt.

LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.

McMyler-Interstate Co., Bedford, O.

Maris Bros., 56th & Gray's av., Phila., Pa.

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Morgan Engineering Co., Alliance, Ohio

Niles-Bement-Pond Co., 111 B'way, New York

N. J. Fdry. & Mach. Co. ("Delta"), 90 West, New York

Northern Engineering Works, 9 Chene, Detroit, Mich.



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Pittsburgh: 113-115 Wood St.
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CRANES (ELECTRIC TRAVELING)—c't

PAWLING & HARNISCHFEGER CO., Milwaukee, Wis.
See adv index at end of book

READING CHAIN & BLOCK CORP., Reading, Pa. *See adv index at end of book*

Roeper Crane & Hoist Works (Floor Controlled), Reading, Pa.

SCULLY JONES & CO., Railway Exchange bldg, Chicago, Ill.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Shaw Electric Crane Co., 119 W 40th, New York

SHEPARD ELECTRIC CRANE & HOIST Co. ("Shepard") Montour Falls, N. Y. *See adv index at end of book*

Shriver T. & Co., Harrison, N. J.

Smith, Whitcomb & Cook Co., Barre, Vt.

TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book

Triumph Ice Machine Co., Oakley, Cincinnati, O.

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

Whiting Corp., Dept. H, Harvey, Ill.

3360— Cranes (Forge)

Alliance Machine Co., Alliance O.

Case Crane & Engineering Co., Columbus, O.

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Erie Steel Construction Co., Erie, Pa.
See adv index at end of book

Euclid Crane & Hoist Co., Euclid, O.
See adv index at end of book

Johnson & Jennings Co. (Electric), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Morgan Engineering Co., Alliance, Ohio

Neumeyer & Dimond ("Demag" Imp), 32 Beaver, New York

Northern Engineering Works, 9 Chene, Detroit, Mich.

Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*

Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*

TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

3360a— *Cranes (Foundry)

Armington Engng. Co., Euclid, O.
See adv index at end of book

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*

Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*

3361— Cranes (Gantry)

Alliance Machine Co., Alliance, O.

American Bridge Co., 30 Church, New York

Baker Iron Works, 912 N Broadway, Los Angeles, Cal.

Box Alfred & Co. (Traveling, etc), 813 N Front, Phila., Pa.

Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.

Case Crane & Engineering Co., Columbus, O.

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

Curtis & Co. Mfg. Co. (Hand or Power), 1502 Kienlen av, St. Louis, Mo.

ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*

Lakeside Bridge & Steel Co., N. Milwaukee, Wis.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

McMyler-Interstate Co., Bedford, O.

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Morgan Engineering Co., Alliance, Ohio

New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York

Northern Engineering Works, 9 Chene, Detroit, Mich.

Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.

Pawling & Harnischfeger Co., (Electric), Milwaukee, Wis.
See adv index at end of book

Russel Wheel & Foundry Co., Chene Bl. R. R., Detroit, Mich.

Shaw Electric Crane Co., 119 W 40th, New York

TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

WELLMAN - SEAVER - MORGAN CO., Cleveland, O.
See adv index at end of book

Whiting Corp., Dept. H, Harvey, Ill.

Wood R. D. & Co. (With Hydraulic Hoist & Electric Rotation), 400 Chestnut, Phila., Pa.

3362— Cranes (Grab Bucket)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*

ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*

Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.

Northern Engineering Works, 9 Chene, Detroit, Mich.

PAWLING & HARNISCHFEGER CO. (Electric), Milwaukee, Wis.
See adv index at end of book

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3363—Cranes (Hand Power)

Alliance Machine Co., Alliance, O.

ARMINGTON ENGNG. CO., Euclid, O.
See adv index at end of book

Box Alfred & Co. (Traveling), 813 N Front, Philadelphia, Pa.

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.

Case Crane & Eng. Co., Columbus, O.

Channon Jas. H. Mfg. Co. (Jib, Traveling, etc), 227 W Erie, Chicago, Ill.

Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.

Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

COBURN TROLLEY TRACK MFG. CO. (And Hand Power Traveling), P. O. Box 127, Holyoke, Mass.

Curtis & Co., Mfg. Co., 1502 Kienlen av, St. Louis, Mo.

Cyclops Iron Wks., 837H Folsom, San Francisco, Cal.
See adv index at end of book

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SELF LUBRICATING
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AN ESTABLISHED REPUTATION OF
20 YEARS FOR

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LOW COST OF MAINTENANCE

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TRAVELING CRANES

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STANDARD OR SUSPENDED TYPE
DOUBLE GIRDER TYPE

ALL STEEL CONSTRUCTION

HAND OR ELECTRIC POWER

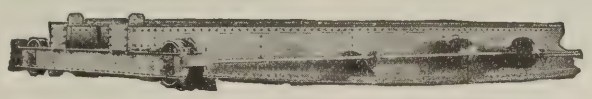
CAPACITIES UP TO 30 TONS
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MAIN OFFICE AND WORKS: READING, PA., U. S. A.

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REG. U.S. PAT. OFF.
ELECTRIC CRANES & HOISTS

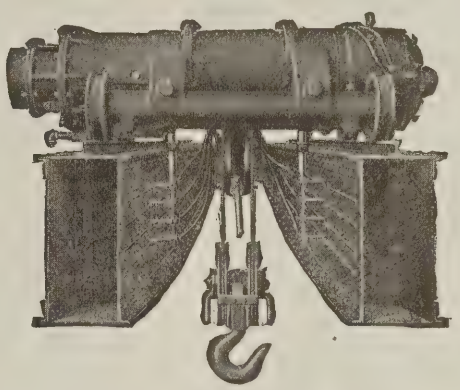
DUST-PROOF, DAMP-PROOF ELECTRIC CRANES



Section of Shepard Electric Traveling Crane

Shepard design recognizes the imperative importance of adequate provision for thorough automatic lubrication, permanent alignment, by means of the *Balanced Drive*, complete enclosure and accessibility.

The brakes are of the multiple disc type and together with the gearing operate in a bath of clean oil, completely protected from dirt. Gears are cut from steel blanks. Experienced engineers are willing to offer intelligent advice and co-operation. Shepard Cranes are made in capacities of 1 to 50 tons.



Shepard Crane Trolley with working parts completely protected.

Shepard Electric Crane & Hoist Company
406 Schuyler Ave., Montour Falls, N. Y.

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Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
EUCLID CRANE & HOIST CO., Euclid, O.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Harrington Edw. Son & Co., 17th & Callowhill, Phila., Pa.
Hoisting Machinery Co., 50 Church, New York
Industrial Works, Bay City, Mich.
Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lincoln Iron Works (Jib, for Stone Quarries & Stone Mills, etc), Rutland, Vt.
Maris Bros., 56th & Gray's av, Phila, Pa.
Milton S. G. & Son ("Champion"), Franklin, Pa.
Moore Franklin Co., Winsted, Conn.
Morgan Cons. Co. (Traveling), Worcester, Mass.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Northern Engineering Works, 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co. (Traveling), Milwaukee, Wis.
See adv index at end of book
Reading Chain & Block Corp., Reading, Pa.
See adv index at end of book
Roeper Crane & Hoist Works (Traveling, etc), Reading, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Cloud Iron Works Co. (Hand Power Traveling), St. Cloud, Minn.
Shaw Electric Crane Co., 119 W 40th, New York
Shriver T. & Co., Harrison, N. J.
SPEIDEL JOHN G. (Hand Power Traveling), Reading, Pa.
See adv index at end of book
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
William A-Box Iron Works, 230 Blake, Denver, Colo.

3364—Cranes (Hand Traveling)

Armington Engng. Co., Eucild, O.
See adv index at end of book
Baker Iron Works, 912 N Broadway, Los Angeles, Cal.

CRANES AND HOISTS
Armington Engineering Co.
EUCLID, OHIO

Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co. (Overhead), 4403 St. Clair, N E, Cleveland, O.
Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Case Crane & Engineering Co., Columbus, O.
Chisholm-Moore Mfg. Co. (Chain), 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., ("Coburn"), P. O. Box 127, Holyoke, Mass.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
Euclid Crane & Hoist Co., Euclid, O.
See adv index at end of book
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Harrington Edw. Son & Co. (Chain), 17th & Callowhill, Phila., Pa.
HOISTING MACHINERY CO., 50 Church, New York
Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Northern Engineering Works, 9 Chene, Detroit, Mich.
N. J. Fdry. & Mach. Co., 90 West, New York
READING CHAIN & BLOCK CORP., Reading, Pa. *See adv index at end of book*
Roeper Crane & Hoist Works, Reading, Pa.
SPEIDEL JNO. G., Reading, Pa.
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Whiting Corp., Dept. H, Harvey, Ill.
Wright Mfg. Co., Lisbon, O.
Yale & Towne Mfg. Co. (Chain), 9 E 40th, New York

3364a— *Cranes (Hoist)

Reading Chain & Block Corp., Reading, Pa. *See adv index at end of book*
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3365— Cranes (Hydraulic)

Chambersburg Eng. Co. (Radical or Traveling), Chambersburg, Pa.
Morgan Const. Co., Worcester, Mass.
Morgan Engineering Co., Alliance, Ohio
Ridgway Craig & Son Co., Coatesville, Pa.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Jib, Bracket, Tower, etc), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.
Zastrow Geo. W. (For Packing Houses), 1410 Thames, Baltimore, Md.

3366—Cranes (Ingot Stripping)

Alliance Machine Co., Alliance, O.
Morgan Engineering Co., Alliance, Ohio
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*

3367— Cranes (Jib)

Alliance Machine Co. (Hydraulic & Electric), Alliance, O.
ARMINGTON ENGNG. CO., Euclid, O.
See adv index at end of book
Baker Iron Works, 912 N Broadway, Los Angeles, Cal.
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Case Crane & Engineering Co. (Belt, Hand Power & Electric), Columbus, O.
Channon Jas. H. Mfg. Co. (Hand Power), 227 W Erie, Chicago, Ill.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co., Mfg. Co. (For Hand or Power over and under braced), 1502 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dobbie Foundry & Machine Co. Niagara Falls, N. Y.
See adv index at end of book
Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Hoisting Machy. Co., 50 Church, New York
Lakeside Bridge & Steel Co., N Milwaukee, Wis.

CRANES (JIB)—continued

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Maris Bros., 56th & Gray's av, Phila., Pa.
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co. (For Rolling Mills, etc.), Alliance, Ohio.
New Jersey Foundry & Machine Co. ("Delta"), (Walking, etc), 89 West, New York
Niles-Bement-Pond Co., 111 B'way, New York
Northern Engineering Works (Electric, Hand & Pneumatic), 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co. (Electric, Stationary, Traveling & Traveling Wall), Milwaukee, Wis.
See adv index at end of book
Production Engineering Co., 1716 Spring Garden, Phila., Pa.
Ridgway Craig & Son Co., Coatesville, Pa.
Shaw Electric Crane Co., 119 W 40th, New York
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
Southwark Foundry & Machine Co. (Hydraulic), 1128 S 4th, Phila., Pa.
Speidel J. G., Reading, Pa.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Whiting Corp., Dept. H, Harvey, Ill.
Whitehead & Kales Iron Works, Bucher & M. C. RR., Detroit, Mich.
William A-Box Works Co., 3309 Blake, Denver, Colo.

3368—Cranes (Jib, Electric Walking)

Case Crane & Engineering Co., Columbus, O.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dillon-Box Iron Works Co., Denver, Colo.
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book

3369— Cranes (Ladle)

Alliance Machine Co. (Electric), Alliance, O.
Armington Engng. Co., Euclid, O.
See adv index at end of book
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, Ohio.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
William A-Box Works Co., 3309 Blake, Denver, Colo.

3370— Cranes (Locomotive)

American Crane & Engineering Co., Toledo, O.
American Hoist & Derrick Co., St. Paul, Minn.
Bradney Machine Co., Inc. (Light), Middletown, N. Y.
Brown Hoisting Machinery Co. ("Brownhoist"), 4403 St. Clair, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
Bucyrus Co., So. Milwaukee, Wis.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
BYERS MACHINE CO. THE, 242 Sycamore, Ravenna, O.
See adv index at end of book
Davenport Locomotive Works, Davenport, Iowa
Dunkle Arthur J. Co., 50 Church, New York
Exeter Machine Works (With Grab Buckets, etc), Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield" Water), 900 S Wabash av, Chicago, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Green L. A., First Nat'l Bank bldg, Pittsburgh, Pa.
Hanna Engineering Works ("Hanna"), 1766H Elston av, Chicago, Ill.
HOISTING MACHINERY CO., 50 Church, New York
Industrial Works (Electric, Gasoline & Steam), Bay City, Mich.
KLEINHANS H. CO. (Second Hand), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
LINK-BELT COMPANY (Steam and Electric), 300 W 39th, Chicago, Ill.
See adv index at end of book

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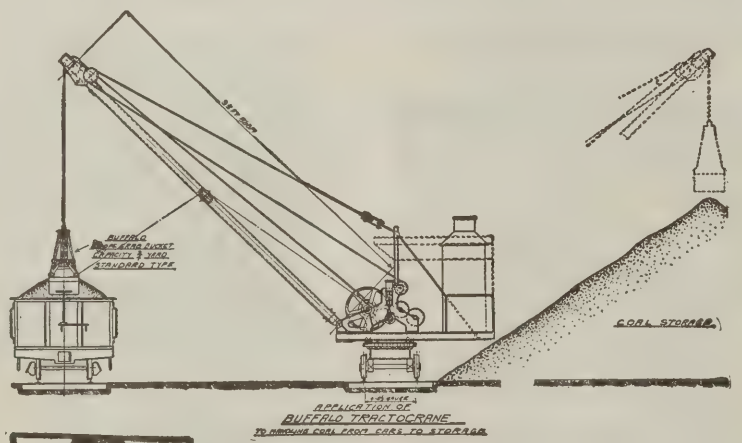
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
McMyler-Interstate Co., Bedford, O.
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill. *See adv index at end of book*
Main Electric Co. (Electric), 361 E Morrison, Portland, Ore.
Moore Bros. Crane Co., 39 S La Salle, Chicago, Ill. *See adv index at end of book*

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Steam or Gasoline Power. Traction or Continuous Tread. 30′ to 35′ boom. ¾ to 1 yard clam shell.

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39 S. La Salle St., Chicago, Ill.



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Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.
Osgood Co., Marion, O.
Shaw, Willis (New & Second Hand), 80 E Jackson Bvd.
U. S. Crane Co. (Electric, Steam & Gasoline), 122 S Michigan av, Chicago, Ill.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

3371— Cranes (Locomotive, Steam)

Byers Machine Co., The 242 Sycamore, Ravenna, O.
See adv index at end of book
Hoisting Machy. Co., 50 Church, New York
LINK-BELT COMPANY (Steam and Electric), 300 W 39th, Chicago, Ill.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Moore Bros. Crane Co., 39 S La Salle, Chicago, Ill. *See adv index at end of book*
Orton & Steinbrenner Co. ("O. S. Dependable"), 610H S Dearborn, Chicago, Ill.

3372— Cranes (Logging)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers John F. Machine Co., 242 Sycamore, Ravena, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Industrial Works, Bay City, Mich.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Moore Bros. Crane Co., 39 S La Salle, Chicago, Ill. *See adv index at end of book*
Phoenix Mfg. Co. (Direct Acting Steam), Eau Claire, Wis.
Universal Crane Co., H Swetland bldg, Cleveland, O.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3373— Cranes (Mail)

Columbian Mail Crane Co. ("Columbian" Mail), Columbus, O.

3373a— Cranes (Mill Type)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Northern Engineering Works, 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3373b— Cranes (Overhead Electric)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Baker Iron Works, 912 N Broadway, Los Angeles, Cal.
ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*
Northern Engineering Works, 9 Chene, Detroit, Mich
READING CHAIN & BLOCK CORP., Reading, Pa. *See adv index at end of book*
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3374— Cranes (Pillar)

Alliance Machine Co., Alliance, O.
American Crane & Engineering Co., Toledo, O.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co., Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Farrel Foundry & Machine Co., Ansonia, Conn.
Industrial Works (Pillar & Transfer for Use in Handling Freight), Bay City, Mich.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Morgan Engineering Co., Alliance, O.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co., (Electric Jib), Milwaukee, Wis.
See adv index at end of book
Speidel J. G., Reading, Pa.
See adv index at end of book
Whiting Corp., Dept. H, Harvey, Ill.

3375— Cranes (Pit)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

3376— Cranes (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., 6 E 44th
See adv index at end of book
Curtis & Co. Mfg. Co. ("Curtis" Traveling, etc.), 1551 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Northern Engineering Works, 9 Chene, Detroit, Mich.
Ridgway, Craig & Son Co., Coatesville, Pa.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vaughn Machinery Co. (For Wire Mill Cleaning, House & Annealing), Cuyahoga Falls, O.
See adv index at end of book

3377— Cranes (Portable)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Canton Foundry & Machine Co. ("Canton" Portable Floor Crane & Hoist), Canton, O.
Channon James H. Mfg. Co., 227H W Erie, Chicago, Ill.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Euclid Crane Hoist Co., Euclid, O.
See adv index at end of book
Franklin Portable Crane & Hoist Co. ("Franklin," All Iron on Wheels), Franklin, Pa.
GERDES & CO., 42 Church, New York
See adv index at end of book

PORTABLE CRANES
for Shops, Garages, Etc.
Capacities, 1, 1½, 2 tons
GERDES & COMPANY
42 Church Street, New York City

Lafayette Engineering Co., Lafayette, Ind.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Milton S. G. & Son ("Champion" Portable Crane & Hoist), Franklin, Pa.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
PAWLING & HARNISCHFEGER CO., Milwaukee, Wis.
Pull-U-Out Products Co., 1627 Locust, St. Louis. Mo.
Robt. B. Lederle, Witherspoon bldg, Phila., Pa.
Round D. & Son., Penn R. R. & Henry, Cleveland. O.
Ryerson Joseph T. & Son, 2558 W 16th Chicago, Ill. *See adv index at end of book*
United Engine & Mfg. Co. ("Manley Hilite"), Hanover, Pa.
Universal Crane Co., H Swetland bldg, Cleveland, Ohio
Zeig F. B. Mfg. Co. ("Panama" on Wheels), Fredericktown, O.

3378— Cranes (Portable Shop)

Bradney Machin Co., Inc., Middletown, N. Y.
Cameron Engineering Co., E Stroudsburg, Pa.
Dopp J. W. & Co. (Dealers), 18 W Columbia, Detroit, Mich.
Gerdes & Co., 42 Church, New York
See adv index at end of book

Cranes (Railroad)

See Cranes, Wrecking

3378a— Cranes (Revolving)

Gerdes & Co., 42 Church, New York
See adv index at end of book
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

3379— Cranes (Riveting)

Alliance Machine Co., Alliance, O.
Case Crane & Engineering Co., Columbus, O.
Champion Engineering Co., The, Columbus, O. *See adv index at end of book*
Morgan Engineering Co. (Electric, etc.), Alliance, O.
Northern Engineering Works, 9 Chene, Detroit, Mich.

3379a—*Cranes (Roundhouse - Patented)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Whiting Corp., Dept. H, Harvey, Ill.

3379b—Cranes (Self-Compensating)

Gerdes & Co., 42 Church, New York
See adv index at end of book

3379c— *Cranes (Shipyard)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

3380— Cranes (Soaking Pit)

Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Morgan Engineering Co, Alliance, O.

3380a—*Cranes (Sugar House)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*

3381— Cranes (Top Braced)

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
EUCLID CRANE & HOIST CO, Euclid O. *See adv index at end of book*

3382—*Cranes (Tower Riveting)

CHAMPION ENGINEERING CO. ("Champion"), Kenton, O.
See adv index at end of book
Morgan Engineering Co., Alliance, O.

3383— Cranes (Transfer)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co., Mfg. Co., 1502 Keinlen av, St. Louis, Mo.
EUCLID CRANE & HOIST CO., Euclid, O.
See adv index at end of book
Erie Steel Construction Co., Erie, Pa.
See adv index at end of book
Industrial Works (For Station Use in Handling Freight), Bay City, Mich.
Lakeside Bridge & Steel Co., N. Milwaukee, Wis.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
New Jersey Foundry & Machine Co. 89 West, New York
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
Roeper Crane & Hoist Works, Reading, Pa.
Shaw Electric Crane Co., 119 W 40, New York
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
Speidel John G., Reading, Pa.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Whiting Corp, Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3384— Cranes (Traveling)

See also Cranes, Electric Traveling

Armington Engng. Co., Euclid, O.
See adv index at end of book
Baker Iron Works, Los Angeles, Cal.
Box Alfred & Co. (Hand & Power), 813 N Front, Phila., Pa.
Blethen Hugh R., 21 Park row, New York
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Case Crane & Engineering Co., Columbus, O.
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Cleveland Punch & Shear Works Co. (Electric), 3921 St. Clair av, N E, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. (Hand Power), P. O. Box 127, Holyoke, Mass.
Curtis & Co., Mfg. Co. (For Hand or Pneumatic Power), 1502 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
ERIE STEEL CONSTRUCTION CO., Erie, Pa. *See adv index at end of book*
Euclid Crane & Hoist Co. (Electric), Euclid, O. *See adv index at end of book*

OVERHEAD TRAVELING CRANES
THE EUCLID CRANE & HOIST CO.
EUCLID, OHIO

Exeter Machine Works, Pittston, Pa.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book

CRANES (TRAVELING)—continued
Granite City Iron Works Co. (Steel), St. Cloud, Minn.
Harrington Edwin Son & Co. (Hand), 17th & Callowhill, Phila., Pa.
Hoisting Machinery Co., 50 Church, New York
Johnston & Jennings Co. (Hand Power), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lakeside Bridge & Steel Co., No. Milwaukee, Wis.
Lane Mfg. Co. ("Anderson" Rope Driven), Montpelier, Vt
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co. (Electric), Alliance, O.
New Albany Machine Mfg. Co. (Single Motor, Electric), New Albany, Ind.
•New Jersey Foundry & Machine Co. 89 West, New York
Northern Engineering Works (Electric & Hand), 9 Chene, Detroit, Mich.
Osgood Co., Marion, O.
PAWLING & HARNISCHFEGER CO. (Electric and Hand Power), Milwaukee, Wis. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roeper Crane & Hoist Works (Hand Power), Reading, Pa.
Sasgen Derrick Co. ("Sasgen" Hand Power for Stone Yards Laying, Sewer Pipe, etc), 3101 W Grand av, Chicago, Ill.
Shaw Electric Crane Co. (Electric), 119 W 40, New York
Shriver T. & Co. (Electric, etc), Harrison, N. J.
SPEIDEL JOHN G. (Hand Power), Reading, Pa. *See adv index at end of book*
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Universal Crane Co., H Swetland bldg, Cleveland, O.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.
Whitehead & Kales Iron Works (Hand), Beecher & M. C. RR, Detroit, Mich.
William A-Box Iron Works Co., 3309 Blake, Dener, Colo.

3385— Cranes (Truck)

Baker Iron Works, 912 N Broadway, Los Angeles, Cal.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Gerdes Co., 42 Church, New York.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Northern Engineering Works, 9 Chene, Detroit, Mich.
Universal Crane Co., H Swetland bldg, Cleveland, O.
Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

3385a— *Cranes (Wall)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book

3386—Cranes (Water, For Sprinkling Wagons)

Eddy Valve Co., Waterford, N. Y.
Ludlow Valve Mfg. Co. (For Sprinkling Carts, etc), ft of Adams, Troy, N. Y.

3387—Cranes (Water, Locomotive)

See also Water Columns or Stations, Railroad
American Valve & Meter Co. ("Poage's" Automatic), Cincinnati, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Snow T. W. Construction Co. ("Snow-Moore"), 117 N Dearborn, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

3387a— *Cranes (Wharf)

CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Terry Mfg. Co., Grand Central Terminal bldg., New York
See adv index at end of book

3387b— *Cranes (Wire)

Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

3388— Cranes (Wrecking)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Browning Co., E. 162nd & Waterlool rd, N E, Cleveland, O.
Bucyrus Co., South Milwaukee, Wis.
CHAMPION ENGINEERING CO., THE ("Champion"), Columbus, O.
See adv index at end of book
Industrial Works (Electric, Steam & Hand Power), Bay City, Mich.
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Milwaukee Electric Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Shaw Elec. Crane Co., 119 W 40th, New York

3389—Crank Turning Device

Hill-Standard Mfg. Co. ("Hill"), Anderson, Ind.

3390— Cranks (Auger)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Hubbard & Co., Pittsburgh, Pa.

3391— Cranks (Ball)

Cincinnati Ball Crank Co. (Steel), North Oakley, Cincinnati, O.
Cincinati Screw Co., Twightwee, Cincinnati, O.

3392— Crankshafts

See also Crankshafts, Gas Engine; also Crankshafts, Automobile; also Forgings, Various Kinds
Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Forge Works, Denver, Colo.
Atlas Drop Forge Co., Lansing, Mich.
Bacon & Matheson Forge Co. (Drop Forged), 17H W. Lander, Seattle, Wash.
Bay City Forge Co. (Smooth Forged, Finished or Semi-Finished), 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co. (Nickel Steel, etc), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co. (Cast Steel), Birdsboro, Pa.
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co., E. Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brylgon Steel Casting Co. (Cast Steel), New Castle, Del.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Camden Forge Co. (Pump), Camden, N. J.
Canton Drop Forging & Mfg. Co., Canton, Ohio
Carbon Steel Co. (Nickel, Steel, etc), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Chester Steel Castings Co. (Cast Steel), Chester, Pa., & 407 Sansom, Phila., Pa.
Crucible Steel Co. of America (Forged & Rough Turned), Oliver bldg, Pittsburgh, Pa.
Cruse-Crawford Mfg. Co., 2101H av, B, Birmingham, Ala.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Ellwood City Forge Co., Ellwood City, Pa.
Erie Forge Co., Erie, Pa.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons (Finished), 2 Lorraine, Brooklyn, N. Y.
The Hammond Steel Co., Inc., Solvay, N. Y.
Helmbacher Forge and Rolling Mills Co., Syndicate Trust bldg, St. Louis, Mo.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Jackson Motor Shaft Co., Jackson, Mich.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ladish Drop Forge Co. (Finished & Unfinished), Cudahy, Wis.
Lake Erie Forge & Machine Co., Cleveland, O.
Lansing Forge Co., Lansing, Mich.
Leard, Wm. Co., 16th & 5th av, New Brighton, Pa.
Leitelt Adolph Iron Works, Grand Rapids, Mich.
Leland-Gifford Co., Worcester, Mass.
McInnes Steel Co., Ltd. (Hammered Steel Forgings), Corry, Pa.
Metal & Thermit Corp. (Repairs by Thermit Welding), 120 B'way, New York
Michigan Crank Shaft Co., Lansing, Mich.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
National Forge & Tool Co., Irvine, Pa.
Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Pennsylvania Forge Co., Jenks & Bath, Phila, Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Reading Iron Co., Reading, Pa.
Richmond Forgings Corporation (Drop Forged), Richmond, Va.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Gauge Steel Co. (Finished to Order Only), Beaver Falls, Pa.
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Thurlow Steel Works, Chester, Pa.
Tindel Morris Co. (Steam Forgings, Gas Engine Shaft, Finished Ready for Installation), Eddystone, Pa.
Titusville Forge Co. (Centre Throw), Titusville, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co. (Drop Forged Weldless), 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
WILLIAMS J. H. & CO. (airplane, automobile and gas engine forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co. (Drop Forged), Worcester, Mass.

3393—Crankshafts (Automobile)

See also Crankshafts; also Forgings, Drop
American Forge Works, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Atlas Mfg. Co., Fostoria, O.
Barnett Drop Forging Co., East Hampton, Mass.
Billings & Spencer Co. ("B & S"), Hartford, Conn.
Canton Drop Forging & Mfg. Co., Canton, Ohio
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Cleveland Hardware Co., Lakeside av & E
Detroit Forging Co., 120 Mount Elliot av., Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co. (Drop Forge), Erie, Pa.
Frost Gear & Forge Co., Jackson, Mich.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons Co., 2 Lorraine, Brooklyn, N. Y.
Joliet Forge Co., Joliet, Ill.
Krefeld Steel Co. (Imported), 50 Church, New York
Ladish Drop Forge Co., Cudahy, Wis.
Lauer Jno. Machine Co., 110 St. Antoine, Detroit, Wis.
Leard, Wm. Co., 16th & 5th av, New Brighton, Pa.
Leland-Gifford Co., Worcester, Mass.
Michigan Crank Shaft Co., Lansing, Mich.
Moffat H. R. & J., Waterbury, Conn.
Muskegon Motor Specialties Co., Muskegon, Mich.
National Engineering Co., Saginaw, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co. (Steel), 760 E. 79th, Cleveland, O.
Peninsular Aoa Parts Co., 46 E. Lafayette, Detroit, Mich.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
POLLAK STEEL CO., THE, 386 W 71st, Carthage, Cincinnati, O.
Redmond Engineering Co., Drexel bldg, Phila., Pa.
Rhineland Machine Works Co. (Imported), 1737 B'way, New York
Richmond Forgings Corp., Richmond, Va.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa.
Tindel Morris Co., Eddystone, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Switch & Signal Co., Swissvale, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman & Gordon Co., 3803 Superior av, Worcester, Mass., & Cleveland, O.

3394—Crankshafts (Gas Engine)

See also Crankshafts: also Forgings, Various Kinds
American Forge Works, Denver, Col.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co., Erie, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
Lake Erie Forge & Machine Co., Cleveland, O.
Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
Lauer Jno. Machine Co., 110 St. Antoine, Detroit, Mich.
Leard, Wm. Co., 16th and 5th av, New Brighton, Pa.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E. 79th, Cleveland, O.
Rockford Drop Forge Co., Rockford, Ill.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Gauge Steel Co., Beaver Falls, Pa.
Sunberg Co., 1024 W Kinzie, Chicago, Ill.
Tindel Morris Co. (Finished), Eddystone, Pa.
Titusville Forge Co. (Also Corliss & Diesel Engines), Titusville, Pa.

Union Drop Forge Co. (Drop Forged Weldless), 368 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Williams J. H. & Co. (Forgings), 81 Richards, Brooklyn, N. Y.
See adv index at end of book

3395— Crates

Bacon & Co. (Bushel), Gasport, N. Y.
Beach & Fuller Co. (Vegetable), Evansville, Ind.
Beaufort Veneer & Package Co. (Cabbage), Beaufort, S. C.
Beers R. E. Lumber Co. ("Ship-Safe" Tire), Trenton, N. J.
Berkley Box & Tumbler Co. Inc, Norfolk, Va.
Blodgett Lumber Co., Suncook, N. H.
Carbo Steel Products Co., 2600 W. 111th Morgan Park Station, Chicago, Ill.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Defiance Box Co. (Pottery), Defiance, Ohio
Dodge & Bliss Co., W End, Jersey City, N. J.
Earle J. M. Lbr. Co., 1159 Wabash, Detroit, Mich.
Ellis E. W. Lbr. Co., Grand Rapids, Wis.
Forrester-Nace Box Co., 80 Wyoming, Kansas City, Mo.
Kalamazoo Tank & Silo Co. (Bushel), Kalamazoo, Mich.
Krause C. H. Lbr. Co., Antigo, Wis.
Lowell Building & Supply Co., Lowell, Ohio
Montgomery Bros. & Co., Buffalo, N. Y.
Morrison Frank (Apple), Marion, N. Y.
Odell & Eddy Co. (Celery), Chaffee, N. Y.
Owosso Mfg. Co., Owosso, Mich.
Pelican Box Factory, Miro & Julia, New Orleans, La.
Pierpont Mfg. Co. (Fruit & Vegetable), Savannah, Ga.
Planters Mfg. Co., Portsmouth, Va.
Reed Evan L. Mfg. Co. (Shipping Folding), Sterling, Ill.
Richards O. S. Inc., 87 34th, B'klyn, N. Y.
Roseland Veneer & Package Co., Ltd. (Vegetable), Roseland, La.
Rugg Mfg. Co. (Delivery, Fruit & Show), Greenfield, Mass.
Specialty Box Mfg. Co. (Folding), Portland, Ore.
Sweet B. F. & H. L. Co., Fond du Lac, Wis.
Thorp A. & Son Crate Co., Roseville, O.
Troy Veneer & Crate Co., Troy, Ala.
Vance E. J. Box Co., Ltd., Bay City, Mich.
Vandergrift Box Co., Vandergrift, Pa.
Weber Supply & Specialty Co. (Jobbers), 2250 So Union av, Chicago, Ill.
Woodstock Mfg. Co., Charleston, S. C.

3396—Crates (Automobile Tire)

Alderfer Co., Sharon Center, O.
Steele-Alderfer Co., Cuyahoga Falls, O.

3397— Crates (Egg)

New England Box Co. ("Gardner"), Greenfield, Mass.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.
Weber Supply & Specialty Co. (Jobbers), 2250 So. Union av, Chicago, Ill.

3397a— Crates (Wooden)

Bogert & Hopper Inc., 57, Barclay, New York *See adv index at end of book*
Davis Henry D. Lumber Co., Northwest Bank bldg., Portland, Oreg.
Estes E. B. & Sons, 364 5th av., New York *See adv index at end of book*
South Bend Dowel Works (Automobile Parts), South Bend, Ind.

3398-9— Crayon Mfrs.

See also Crayons & Pencils, Metal Works; also Pencil Manufacturers
Adams D. C. Crayon Co. ("Adams" Rolling Mill), 125 Market, St. Louis, Mo.
American Crayon Co. (All Kinds for All Purposes), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
American Lava Co. (Fdry.), Chattanooga, Tenn.
American Lead Pencil Co. (Colored), 220 5th av, New York
BINNEY & SMITH CO. (Marking, School & Artists'), 81 Fulton, New York
Cohutta Talc Co. (Blackboard), Dalton, Ga.
Dixon Joseph, Crucible Co. ("Dixon's" Graphite, Metal Workers', Colored), Jersey City, N. J.
Doggett Stanley (Soapstone), 11 Cliff, New York
Eagle Pencil Co. (Colored), 703 E 13th, New York
Eclipse Mill Crayon Co., Lowell, Mass.
Faber Eberhard (Colored), 200 5th av, New York
Georgia Talc Co. (Talc), Asheville, N. C.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Howe Mill Crayon Co. (Mill), Lowell, Mass.
Korn William (Marking & Lithographic), 120 Centre, New York
Levison & Blythe Mfg. Co., 209H Locust, St. Louis, Mo.
Lowell Crayon Co. (Mill & Metal Workers'), Lowell, Mass.
National Crayon Co., West Chester, Pa.
Nevins Samuel Co. (Importer, French Chalk & Talc), 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y. (Talc), 150 Nassau, New York
New York Silicate Book Slate Co. (Silicate), 24 Vesey, New York
North Carolina Talc & Mining Co. (Talc), Hewitts, N. C.
Rowles E. W. A. Co. (Blackboard), 2345 S La Salle, Chicago, Ill.
Standard Crayon Mfg. Co. ("Falcon," "Standard." "Omega," "Bonanza," "China Maker," "Tanners," "Red Seal." & "Crest Light"), Danvers, Mass.
Steward, D. M. Mfg. Co. ("Compo" Dustless Steatite), Chattanooga, Tenn.
Wagner, Charles A. (Talc), 222H N Front, Phila, Pa.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo.

3400—Crayons (Bowling Alley)

Adams, D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

3401— Crayons (Checking)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av., Sandusky, O.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo.

3402-6— Crayons (Colored)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av., Sandusky, O., & Waltham, Mass.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo. *See adv index at end of book*

3407-8-9—Crayons (Lumber)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., ("Acme"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Dixon Joseph Crucible Co., Jersey City N. J.
Franklin Crayon Co., Rochester, N. Y.
Robt. B. Lederle, Witherspoon bldg, Phila., Pa.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Standard Crayon Mfg. Co., Danvers, Mass.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo.

3410-11—Crayons (Railroad)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo. *See adv index at end of book*

3412—Crayons (Tailors' Wax)

American Crayon Co., 1300 Hayes av, Sandusky, O.
See adv index at end of book
Goebel J. & Co., (Imp), 129 Maiden la, New York
Marty F. & Co., Syracuse, N. Y.

3413—Crayons (Wax & Oil, School & Package)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

3414—Crayons & Pencils (Metal Workers', Etc.)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
American Lava Corp., Chattanooga, Tenn.
American Lead Pencil Co., 220 5th av, New York
Binney & Smith Co., 81 Fulton, New York
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Cohutta Talc Co. (Talc Soapstone), Dalton, Ga.
Dixon Joseph Crucible Co. ("Dixon's" American Graphite or Soapstone), Jersey City, N. J.
Doggett Stanley (Soapstone & Talc, "Peerless" & "Perfection" Brands), 11 Cliff, New York
Eagle Pencil Co., 210 E 14th, New York
Franklin Crayon Co., Rochester, N. Y.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Korn Wm. ("Korn's," for Hot or Cold Metal), 120 Center, New York
Lowell Crayon Co., Lowell, Mass.
Nevins Sam'l Co. (Talc & French Chalk), 109 S 2d, Phila., Pa.
Scott, Sugden & Lamont, Monadnock bldg., San Francisco, Cal.
Standard Crayon Mfg. Co., Danvers, Mass.

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CHARLES B. CHRYSTAL CO., Inc.
13 CLIFF ST. NEW YORK
FACTORY, JERSEY CITY

Steward D. M. Mfg. Co. ("Compo"), Chattanooga, Tenn.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo. *See adv index at end of book*

3415— Cream Tartar

Fuller Ralph & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, Ohio.
Herrick & Voight, 68 Maiden la, New York
Pfizer Chas. & Co. (Powdered or Crystals), 81 Maiden la, New York
Provident Chemical Wks. ("Aero-Acid"), 8011 Idaho av, St. Louis, Mo.
Warren Products Co., 265 B'way, New York *See adv index at end of book*
Worden Chemical Works ("Tartarline" Substitute), 4 Cedar, New York

3416-7—Creamers (Cabinet & Elevator)

Vermont Farm Machine Co. ("Cooley"), Bellows Falls, Vt.

3418—Creasers (Leather, Etc.)

Osborne C. S. & Co. (Harness Makers, etc), Box 183, Newark, N. J.
See adv index at end of book

3419— Creepers (Anti-Rail)

Belle City Malleable Iron Co. ("Vaughan"), Racine, Wis.
Cleveland Frog & Crossing Co. ("Prentice"), 6917 Bessemer av, Cleveland, Ohio
Cleveland Railway Supply Co. (Combination Tie Plates & Anti-Rail Creepers), Swetland bldg, Cleveland, O.
Creepcheck Co. ("Dinklage Creepchecks"), 81 Fulton, New York
Oliver Iron & Steel Co. (Anti-Creeper Device), S 10th & Muriel, Pittsburgh, Pa.
P. & M. Co. ("P. & M.," Boltless, "Vaughan," "Henggi"), 80 E Jackson blvd, Chicago, Ill.

3420—Creepers (Automobile)

Boyle Mfg. Co., 5100 Sante Fe av, Los Angeles, Calif.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Foster Bros. Mfg. Co., Utica, N. Y.
Keystone Wire Matting Co. ("Keystone"), Beaver Falls, Pa.
La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.
Lewis-Geer Mfg. Co., Ypsilanti, Mich.
Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
Zering H. Mfg. Co. ("Oakley"), B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

3421— Creepers (Ice)

Gay Geo. E., Augusta, Me.
Gifford-Wood Co., Hudson, N. Y.
Holderbaum Jas. B. & Son ("Reliance"), Somerset, Pa.
Hubbell Ray & Co. ("Arnold"), Northville, N. Y.
Rapp Philip ("Victor"), Reading, Pa.

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Livingston Manor, N. Y. Sudbury, Ont.

General Offices: LOUISVILLE, KY.

Southern Sales Office: BOGALUSA, LA.

CREEPERS (ICE)—continued
Reading Saddle & Mfg. Co. ("Anti-Slip"), Reading, Pa.
Sayre, L. A. Co., 332 Mulberry, Newark, N. J.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Thomson Judson L. Mfg. Co. ("Never-Slip"), Roberts Station, Waltham, Mass.
Union Hardware Co., Torrington, Conn.
Warren J. M. & Co. ("Featherweight"), Troy, N. Y.
West Chas. F. (Flat Spring Steel), 3861 Lancaster av, Phila., Pa.

3421a— Creosote Carbonate

Merck & Co., 45 Park pl, New York

3422— Creosote (Coal Tar)

Armitage Mfg. Co., Richmond, Va.
Barclay Naval Stores Co. (Jobbers), 60 Delevan, Bklyn, N. Y.
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Denver Gas & Electric Light Co., Denver, Colo.
Merck & Co., 45 Park pl, New York
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
Northeastern Co., The ("Noreacol"), 80 Beverly, Boston, Mass.
PROTEXOL CORPORATION, 41 Barclay, New York
Vesuvius Crucible Co., Swissvale, Pa.

3422a—Creosote (Dark, Refined & Disinfectant)

Du Pont Chemical Works, 120 B'way, New York

3423— Creosote (Wood)

Cleveland Cliff Iron Co., Rockefeller bldg, Cleveland, Ohio
Forest Product Co. ("Pinesote"), 1212 Whitney, New Orleans, La.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
White Tar Co., John & Cliff, New York

3424— Creosoting Works

See also Wood Preservatives

American Creosote Works, Southport, New Orleans, La.
AMERICAN CREOSOTING CO., Bogalusa, La. *See adv index at end of book*
American Creosoting Co., 17 Battery pl, New York. Works: Newark, N. J.
American Creosoting Co., Louisville, Ky.
Atlantic Creosoting & Wood Preserving Works, Norfolk, Va.
Ayer & Lord Tie Co., 80 E Jackson blvd, Chicago
Chicago Creosoting Co., Waukegan, Ill.
Colman J. M. Co., Seattle, Wash.
Columbia Creosoting Co., Portland, Ore.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, O.
Creosoted Materials Co. Inc., Queen & Crescent bldg, New Orleans, La.
Cuirass Products Ltd., 1128 World bldg, New York
Eppinger & Russell Co., 165 B'way, New York
Federal Creosoting Co., Louisville, Ky.
Gulfport Creosoting Co., Gulfport, Miss.
Indiana Creosoting Co., Louisville, Ky.
Indiana Zinc Creosoting Co. (Zinc Creosoting), Terre Haute, Ind.
International Creosoting & Construction Co., Galveston, Tex.
Jennison-Wright Co., Toledo, Ohio
Kettle River Co., Madison, Ill.
Louisiana Creosoting Co., Winnifield, La.
Michigan Pipe Co., Bay City, Mich.
Michigan Wood Preserving Co., Century bldg, Pittsburgh, Pa.
National Lumber & Creosoting Co., Texarkana, Ark.
Norfolk Creosoting Co., Norfolk, Va.
Ohio Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Pacific Creosoting Co., Seattle, Wash.
Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Puget Sound Wood Preserving Co., Lowell, Wash.
REPUBLIC CREOSOTING CO., Merchants Bk. bldg, Indianapolis, Ind. *See adv index at end of book*
St. Helens Creosoting Co., Yeon bldg., Portland, Ore.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
Shreveport Creosoting Co., Louisville, Ky.
Southern Creosoting Co., Ltd., Slidell, La.
Southern Wood Preserving Co., Atlanta, Ga.
U. S. Wood Preserving Co., 165 B'way, New York
Western Wood Preserving Co., Spokane, Wash.
Wyckoff Pipe & Creosoting Co., 30 E 42d, New York

3425— Cresol Manufacturers

Amerman & Patterson (Imp.), 21 State, New York
JORDAN WILLIAM E. INC., 15 Cliff, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Aniline & Chemical Co., Inc. (Imp.), 21 Burling slip, New York
Roessler & Hasslacher Chemical Co. (Imp.), 709 6th av, New York
Squibb E. R. & Sons (Imp.), 78 Beekman,
White Tar Co. (Imp), John & Cliff, New York

3425a— Cresol (Ortho)

JORDAN WILLIAM E. INC. (Meta & Para), 15 Cliff, New York

Crestings (Terra Cotta)

See Roofing Tile, Terra Cotta

3426—Crestings & Finials (Iron)

Roanoke Iron & Bridge Wks., Roanoke, Va.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Dearborn Fdry. Co., 345 W 23rd av, Chicago, Ill.
Gensel Fred & Co., 911 Vine, Phila., Pa.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Jackson Wm. H. Company, 2 W 47th, New York
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Mott J. L. Iron Works, Trenton, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Wells Architectural Iron Co., River av & 151st, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

3427—Crestings & Finials (Sheet Metal)

Canton Art Metal Co., Canton, O.
Decatur Cornice & Roofing Co., New Decatur, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Eller Mfg. Co., Canton, O.
Gara, McGinley Co., 23 S 17th, Phila., Pa.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.

Hergert Theo., 422 E 53d, New York
Jones Thomas W., 153 Maiden la, New York
Klauer Mfg. Co., Dubuque, Ia.
Manrow Sheet Metal' Wks., Goshen, Ind.
Martin Metal Mfg. Co., Wichita, Kan.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwauee. Wis.
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.

3428— Cribbage Boards

Gorham H. W., E. Norwalk, Conn.
Grote F. & Hubbell Co., 82 4th av, New York
Bissell F. Co. (Yellow Pine & Fir Cross Arms, Oak Brackets & Locust Pins), Toledo, O.
Byrne-Turner Co. (Fir.), Bellingham, Wash.
California Pole & Piling Co., San Francisco, Cal.
Carolina Cross Arm Co. (Yellow Pine), Elkin, N. C.
Central Lumber Co. (Yellow Pine Brackets, Cross Arms & Pins), Chattanooga, Tenn.
Clark A. F. Lumber Co., Peabody, Mass.
Cohn & Bock Co. (Yellow Pine Cross Arms, Oak Insulator Pins & Brackets), Princess Anne, Md.
Compressed Wood Preserving Co. (Creosoted), Spring Grove & Station avs, Winton pl, Cincinnati, O.
Doty Lumber & Shingle Co., Doty, Wash.
Eastern R'way & Lumber Co., Centralia, Wash.
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*
Frye J. Marshall Co., Hattiesburg, Miss.
Gulf Arm & Creosoting Co., Hattiesburg, Miss.
Gulfport Creosoting Co., Gulfport, Miss.
International Creosoting & Construction Co. (Creosoted), Galveston, Tex.
Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.
Lindsley Bros. Co., Spokane, Wash.
Louisiana Red Cypress Co., Hibernia Bk bldg, New Orleans, La.
McCormick Lumber Co., McCormick, Wash.
Mueller Wm. & Co., 332 S Michigan, Chicago, Ill.
National Tank & Pipe Co., 275 Oak, Portland, Ore.
See adv index at end of book
Norfolk Creosoting Co. (Creosoted), Norfolk, Va.
Pettingell-Andrews Co. ("Exemplar"), or Juniper), Norfolk, Va.
Pilliod Lumber Co., Swanton, O.
Md.
Roper John L. Lumber Co. (White Cedar bldg, St. Louis, Mo.
Southern Creosoting Co., Ltd. ("Creosoted"), Slidell, La.
soted), Tacoma, Wash.
Southern Exchange Co. (Georgia Pine Cross Arms), 97 Warren, New York

3429—*Crimpers (Aerial Rings)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

3430— Crimpers (Cap)

Atlas Powder Co., Wilmington, Del.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.) (Percussion), Wilmington, Del.
See adv index at end of book
Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co. ("Hercules"), Wilington, Del.

3431— Crimpers (Pie)

See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Wickwire Spencer Steel Corp., ("Natwire"), Worcester, Mass.
See adv index at end of book

3432— Crinoline

American Hair Cloth Co., Pawtucket, R. I.
Griswoldville Mfg. Co., Griswoldville, Mass.
Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
McLean Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N Scituate, R. I.
Palmer I. E. Co., Middletown, Conn.

3433— Crockery

Cannonsburg Pottery Co., Canonsburg, Pa.
Canton Clay Products Co., Canton, O.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co., East Liverpool, O.
Crown Potteries Co., Evansville, Ind.
French China Co., Sebring, O.
Greenwood Pottery Co., Trenton, N. J.
Harker Pottery Co., East Liverpool, O.
International Pottery Co., Trenton, N. J.
Knowles Edwin M. China Co., East Liverpool, O.
Knowles, Taylor & Knowles Co., East Liverpool, O.
Laughlin Homer China Co., East Liverpool, O.
Leopold J. & Co., 101 Hanover, Baltimore,
Lilienthal Crockery Co., Atlanta, Ga.
McNicol D. E. Pottery Co., East Liverpool, O.
Mayer China Co., Beaver Falls, Pa.
Mercer Pottery Co., Trenton, N. J.
National China Co., Salineville, O.
Onondaga Pottery Co., Syracuse, N. Y.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pace Bros. & Sons, Roseville, O.
Ransbottom Bros. Pottery Co., Roseville, O.
Robinson Clay Product Co. (Pottery), Akron, O.
Roseville Pottery Co., Zanesville, O.
Salem China Co., Salem, O.
Sebring E. H. China Co., Sebring, O.
Smith-Phillips China Co., East Liverpool, O.
Standard Pottery Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.
Summit China Co., Akron, O.
Taylor, Smith & Taylor Co., East Liverpool, O.
Thompson C. C. Pottery Co., East Liverpool, O.
Van Pottery Co., Trenton, N. J.
Vodrey Pottery Co., East Liverpool, O.
Warwick China Co., Wheeling, W. Va.
Weller S. A., Zanesville, O.
Wellsville China Co., Wellsville, O.
West End Pottery Co., East Liverpool, O.

3434— Crocus Martis

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland.
Munning, A. P. & Co., Mattawan, N. J.
Waddell R. J. & Co. (Imp), 52 Beekman, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

3434a— *Crop Conveyors

Treadwell Engng. Co., Easton, Pa.
See adv index at end of book

3435— Croquet Sets

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Garton Toy Co., Sheboygan, Wis.
Rademaker H. & Sons, Grand Rapids, Mich.
Roy Bros., East Barnet, Vt.
Saginaw Wood Products Co. (Croquet Pool), Gaylord, Mich.
Selchow & Righter Co., 620 B'way, New York
South Bend Toy Mfg. Co., So Bend, Ind.

3436—Cross Arms, Brackets, Etc. (Iron & Steel)

American Bridge Co., 30 Church, New York
Am. Jobbers' Supply Co., 233H B'way, New York
Bissell F. Co. ("Security," Angle Iron), Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Creaghead Engineering Co. ("Flexible" and Malleable Iron), 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Eastern Malleable Iron Co. ("Beardsley" Malleable Iron), Naugatuck, Conn.
Electric Railway Equipment Co., Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Hall Frank B. Co. (Pressed Steel Brackets), Newton Falls, O.
Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Heltzel Steel Form & Iron Co. (Iron & Steel), Warren, O.
Hubbard & Co. (" Bo-Arrow" Galvanized), **63d & Butler, Pittsburgh, Pa.**
Illinois Malleable Iron Co. (Malleable Iron), 1801 Diversey blvd, Chicago, Ill.
Lanz M. & Sons (Steel Angle), 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, ft of Weldrum, Detroit, Mich.
Mitchell-Tappen Co., 15 John, New York
Morris Elmer P. Iron Works, 136 Liberty, New York
Newhall Chain, Forge & Iron Co., 89 West, New York
Ohio Brass Co. (Brackets only), Mansfield, O. *See adv index at end of book*
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
St. Louis Malleable Casting Co. (Malleable Iron), 7700 N B'way, St. Louis, Mo.
Thomas R. & Sons Co. ("Byllesby," Wishbone Cross Arms), East Liverpool, O.

Cross Arms (Creosoted)

See Creosoting Works

3437— Cross Arms (Wood)

See also Insulator Pins & Brackets

American Creosote Works (Creosote), Southport, New Orleans, La.
AMERICAN LINE MATERIALS CO., (Fir, Yellow Pine, Creosoted), 332 S. Michigan av, Chicago, Ill.
AMERICAN CREOSOTING CO. (Creosoted), Bogalusa, La.
See adv index at end of book
Barnes-Lindsley Mfg. Co., Portland, Ore.
Berthold & Jennings Lumber Co., Arcade bldg., St. Louis, Mo.
Bissell F. Co., Toledo, Ohio
Brower Co. (Kyanized Spruce), Portland, Me.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, Ohio
Lindsley Bros. Co. The, 611 Peyton bldg, Spokane, Wash.
Louisiana Red Cypress Co., 814 Perdido, New Orleans, La.
Mueller Wm. & Co., 115 S Dearborn, Chicago, Ill.
National Tank & Pipe Co., Kenston Sta., Portland, Ore.
See adv index at end of book
Southern Pine Mfg. Co. (Telephone & Telegraph), Paducah, Ky.
Southern Wood Preserving Co. ("Creosoted"), Atlanta, Ga.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tidewater Cross Arm & Conduit Co. (Fir), Tacoma, Wash.
Union Railway Supply Co., Real Estate Tr. bldg, Phila., Pa.
Vreeland B. F. (Yellow Fir), Denver, Colo.
Williams F. B. Cypress Co., Ltd. (Cypress), Patterson, La.

3438—Cross Bars (For Goosenecks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

Cross Ties

See Ties, Poles & Posts

3439—Crosses (Pipe Fitting)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Kuhns Bros. (Cast Iron), Dayton, O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Penn Seaboard Steel Co., Franklin Bank bldg., Phila. Pa.
Powell Wm. Co. (Brass), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.
Walworth Mfg. Co. (Brass, Cast & Malleable Iron), Boston, Mass.

3439a— *Crosses (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

Crossings (Railway)

See Frogs, Switches, Crossings, etc

3440— Crow Bars

Wedge or Pinch Point

Beall Bros. (Inc) (Pinch or Wedge Point, etc), Alton, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works (Pinch & Wedge Point), Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fulton Tool Works (Miners), Huntington, W. Va.
Hardsocg Martin Co. (Miners), 922 South av, Pittsburgh, Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Turner C. A. (Miners), 3rd & Chauncery, Pittsburgh, Pa.

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Last longer than domestic pots. Cost less

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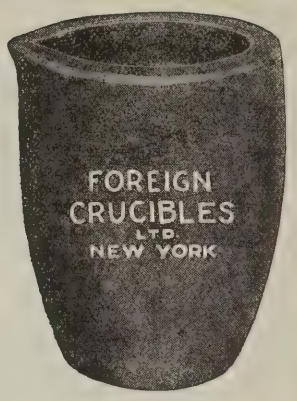
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CROW BARS—continued

Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
WARWOOD TOOL CO., 19th, Warwood, Wheeling, W. Va.
Withers Foundry & Machine Works, Atlanta, Ga.

3441— Crozers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

3442— Crucibles

Acheson Graphite Co. (Graphite, for High Temperature Work), Niagara Falls, N. Y.
American Oil & Supply Co. ("Burns," for Dentists & Mfg. Jewelers, also Safety Crucibles), 238 Wilson av, Newark, N. J.
Atlantic Terra Cotta Co., 1170 B'way, New York
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Bartley Jonathan Crucible Co. (Graphite), Trenton, N. J.
Bay State Crucible Co., Taunton, Mass.
Bridgeport Crucible Co. (Black Lead, Clay Lined), Bridgeport, Conn.
Denver Fire Clay Co. (Jobbers), Denver, Colo.
Dixon Joseph, Crucible Co. ("Dixon's"), Jersey City, N. J.
Eimer & Amend (Importers), 205 3rd av, New York
FOREIGN CRUCIBLES CORP. LTD. (Importers), Church & Fulton, New York
See adv index at end of book
Gautier J. H. & Co. (Black Lead), 1 Greene, Jersey City, N. J.
General Platers' Supply Co. (imptrs graphite), 489-493 Broome, New York
Goebel J. & Co. (Importers), 129 Maiden la, New York
Guernsey Earthenware Co. (Porcelain), Cambridge, O.
Heil Henry Chemical Co. ("Battersea," Imported), St. Louis, Mo.
Kelly Derby Co., People's Gas bldg, Chicago, Ill.
McCullough-Dalzell Crucible Co. (Plumbago & Clay-Lined), 36th & A. V. RR., Pittsburgh, Pa.
National Carbon Co. (Made From Carbon), Madison av N W & W 117th, Cleveland, O.
Ohio Pottery Co. ("Ohio" Porcelain, Glazed Inside and Out), Zanesville, O.
Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.
Seidel R. B. (Imp.), (Black Lead), 1322 Callowhill, Phila., Pa.
Taunton Crucible Works (Pure Ceylon Graphite), Taunton, Mass.
Taylor Robert J. (Inc.), 1900 Callowhill, Phila., Pa.
Thermal Syndicate Ltd., 50 E 41st, New York
Warren Products Co., 265 B'way, N. Y.
See adv index at end of book
Woodison E. J. Co. (Brass-Steel), 1621 St. Aubin, Detroit, Mich.
Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

3443—*Crucible Tongs & Shanks

Northern Engineering Works (For Brass Foundries), 210 Chene, Detroit, Mich.
Whiting Corp., Dept. H, Harvey, Ill.

3444— Crucibles (Filter)

Baker & Co., Inc., 54 Austin, Newark, N. J.
Braun-Knecht-Heimann Co. (Alundum), 576-584 Mission, San Francisco, Cal.
Central Scientific Co., 460 E. Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Mine & Smelter Supply Co., Denver, Colo.
Scientific Utilities Co., Inc., 18 E 16th, New York

3445— Crucibles (Graphite)

Allen Crucible, 714 50th av, East Oakland, Cal.
Bartley Jonathan Crucible Co., Dept. H, Trenton, N. J.
Braun, Knecht, Heimann Co., 576-584 Mission, San Francisco, Cal.
FOREIGN CRUCIBLES CORP. LTD. (Importers), Church & Fulton, New York
See adv index at end of book
McCullough-Dalzell Crucible Co., 36th and A.V.R.R., Pittsburgh, Pa.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Warren Products Co., 265 B'way, N. Y.
See adv index at end of book

3446— Crucibles (Iron)

Duriron Castings Co. (Acid Proof), Dayton, O.

Crucibles (Platinum)

See Platinum Crucibles & Dishes

3446a—Crucibles (Porcelain)

Berge, J. & H., 95 John, New York
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Coors Porcelain Co., Dept. H, Golden, Colo.
Herold China & Pottery Co., Golden, Colo.
Guernsey Earthenware Co., Cambridge, O.

3447— *Crucibles (Steel)

FOREIGN CRUCIBLES CORP. LTD. (Importers), Church & Fulton, New York
See adv index at end of book

3448— Crusher Parts

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3449— Crushers (Asphalt)

American Pulverizer Co. ("American" Ring Pulverizer), 1729H Austin, St. Louis, Mo.
Jeffrey Mfg. Co., 961 N. Fourth, Columbus, Ohio *See adv index at end of book.*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Whiting Corp., Dept. H, Harvey, Ill.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3450— Crushers (Barley)

Jeffrey Mfg. Co., 961 N. Fourth, Columbus, Ohio *See adv index at end of book.*
Robinson Mfg. Co., Muncy, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3451— Crushers (Clay)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
American Pulverizer Co., 1729H Austin, St. Louis, Mo.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creagor Co., New London, O.
Bonnot Company, Canton, O.
Brazil Machine & Foundry Co., Brazil, Ind.
Brewer H. & Co., Tecumseh, Mich.
Brunner Machy. Co., Peru, Ill.
Eagle Iron Works, Des Moines, Ia.
Fate-Root Heath Co., Plymouth, O.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Freese E. M. & Co., Galion, O.
Frost Mfg. Co., Galesburg, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
International Clay Machy. Co., Dayton, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 92 Lafayette, New York.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Stedman's Foundry & Machine Works, Aurora, Ind.
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3452—Crushers (Coal & Coke)

ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Pulverizer Co., 1729H Austin, St. Louis, Mo.
BARTLETT C. O. & SNOW CO. ("Triumph" Two- & Four-Roll), French, Cleveland, O. *See adv index at end of book*
Beaumont R. H. Co., 319 Arch, Phila., Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
Connellsville Mach. & Car Supply Co., Connellsville, Pa.
Excel Mfg. Co., Pottersville, N. J.
Exeter Machine Works, Pittston, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
FULLER-LEHIGH CO., Fullerton Pa.
See adv index at end of book
Gruendler Patent Crusher & Pulverizer Co., 912 Main, St. Louis, Mo.
Hunt C. W. Co. (Coal), West New Brighton, N. Y.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 92 Lafayette, New York
Keller, C. M., Columbus, Ind.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Kent Mill Co. (Coal), 10H Rapelyea, Brooklyn, N. Y.
LINK-BELT COMPANY ("Link Belt"), 300 W 39th, Chicago, Ill.
See adv index at end of book
Marion Machine Foundry & Supply Co., Marion, Indiana
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
PENNSYLVANIA CRUSHER CO. (Hammer Bradford Single Roll, etc.), Stephen Girard bldg, Philadelphia, & Pittsburgh & New York
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Robins Conveying Belt Co., 13 Ann, New York
SPECIALTY ENGINEERING CO., Trenton & Allegheny, Phila., Pa.
Sprout, Waldron & Co. (Also Facing), Muncy, Pa.
Stedman's Fdry. & Machine Works, Aurora, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
United Iron Works Co., Inc., Kansas City, Mo.
Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.

Webster Mfg. Co. (Coal Only), 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

Crushers (Coke)

See Crushers, Coal & Coke

Crushers (Corn & Cob)

See Mills, Corn & Cob

3453-4— *Crushers (Cullet)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3455— Crushers (Hammer)

Jeffrey Mfg. Co., 961 N. Fourth, Columbus, Ohio *See adv index at end of book.*
E. B. Pulverizer Co., Inc., 92 Lafayette, New York
PENNSYLVANIA CRUSHER CO. (For Coal, Cement, Limestone, Chemicals, etc.), Stephen Girard bldg, Phila, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3455a— *Crushers (Hydraulic)

Buffalo Foundry & Machine Co; (Also Pre-Crushers), Buffalo, N. Y. *See adv index at end of book*

Crushers (Laboratory)

See Pulverizers, Laboratory

3456— Crushers (Oat)

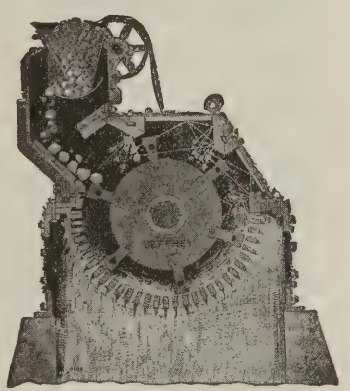
Abbe, Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Excel Mfg. Co., Pottersville, N. J.
Gump B. F. Co., 431 S. Clinton, Chicago, Ill.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.

3456a— *Crushers (Portable)

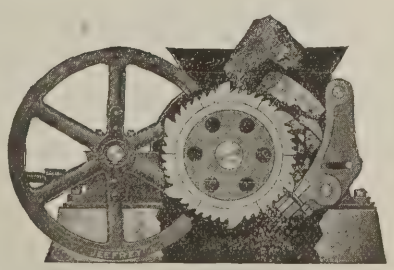
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3457—Crushers (Rock & Ore)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO. (Hand Power), 50G Church, New York *See adv index at end of book*
Acme Road Machinery Co., Frankfort, N. Y.
Allis-Chalmers Mfg. Co. ("Gates"), Milwaukee, Wis.
American Pulverizer ("American"), 1729H Austin, St. Louis, Mo.
American Road Machinery Co. ("Champion," "Climax," "Fort Wayne") Kennett Sq., Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
BARTLETT C. O. & SNOW CO., Fall st, Cleveland, O. *See adv index at end of book*
Beaumont R. H. Co., 319 Arch, Phila., Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Brunner Machy. Co., Peru, Ill.
BUCHANAN C. H. CO. INC., 90 West, New York
Butterworth & Lowe (Jaw Reciprocating; also Rotary), Grand Rapids, Mich.
Calkins Co. ("Advance" Ore), Los Angeles, Cal.
Chalmers-Williams Mfg. Co. ("Bronze Ball" Gyratory; also "Blake," "Dodge" Disc), 1461 Arnold, Chicago Heights, Ill.
Charleston Dry Dock & Machine Co., Phosphate, Charleston, S. C.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co. (Ore), Denver, Colo.
Denver Quartz Mill & Crusher Co. (Ore), Denver, Col.
Engelbach Machine Mfg. Co., Leadville, Col.
Farrel Foundry & Machine Co. (Stone Breakers, etc), Ansonia, Conn.
Fuller-Lehigh Co. ("Lehigh") Fullerton, Pa. *See adv index at end of book*
Galena Iron Works Corp., Galena, Ill.
Galion Iron Works & Mfg. Co., Galion, O.
Hadfield-Penfield Steel Co. (The) (Clay & Rock), Bucyrus, O. *See adv index at end of book*
Hallidie Co. ("Blake" & "Hodge" Pattern) Spokane, Wash. *See adv index at end of book*
Hassell Iron Works Co., Colorado Springs, Col.
Hendy Joshua Iron Works ("Hercules"), 75 Fremont, San Francisco, Cal.
Hoagland's M. Sons Co., Rockaway, N. J.
Jefferson Iron Works Co., 7 Jefferson av Detroit, Mich.
K. B. Pulverizer Co., Inc., 92 Lafayette, New York
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
Knoxville Fdry. & Mach. Co. (Comb. Jaw Roller Pulverizer), Knoxville, Tenn.
Lansing Co. ("Lansing" Small for Contractors, etc.), Lansing, Mich.
Lewistown Foundry & Machine Co., Lewistown, Pa.
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
McFarlane-Eggers Machy. Co., Denver, Colo.
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill. *See adv index at end of book*
Marathon Mill & Machinery Works, 38 S. Dearborn, Chicago, Ill.
Mine & Smelter Supply Co. (Ore.), 42 B'way, New York
Morse Bros. Machinery & Supply Co. ("Wild" Mill), Denver, Colo.
New England Road Machy. Co. ("New England"), 15 S Market, Boston, Mass.
Phillips & McLaren ("Blake" and "Forster"), 24th & Smallman, Pittsburgh, Pa.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Raymond Bros. Impact Pulverizer Co., 1346 North Branch, Chicago, Ill.
Samson Mfg. Co. ("Samson"), Denver, Col.
SMITH ENGINEERING WORKS, 3191 Locust, Milwaukee, Wis.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Smith & Sons Mfg. Co. ("Royal" Rock Crusher, Kansas City, Mo.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Sprout Waldron & Co. (Coke), Muncy, Pa.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.
Sterritt-Thomas Foundry Co. (Stone Crushers), 33d & Smallman, Pittsburgh, Pa.
STURTEVANT MILL CO., Clayton & Park, Boston, Mass.
TRAYLOR ENGINEERING & MFG CO. ("Gyratory," "Blake," etc.), Allentown Pa. *See adv index at end of book*
United Iron Works Co., Inc., Kansas City, Mo.
Universal Road Machinery Co. ("Reliance" Stone Crushers), Kingston, N. Y.
Walker Mfg. Co. ("Blake" & "Dodge"), Denver, Colo.
Walker & Elliott (Phosphate), Wilmington, Del.
Webb City & Carterville Foundry & Machine Works ("Blake" Crusher), Webb City, Mo.
Western Wheeled Scraper Co. (Rock), Aurora, Ill.
Wheeling Mold & Foundry Co., Wheeling, W. Va.



Type "D" Ball Bearing Swing Hammer Pulverizer



Single Roll Crusher for Reducing Coal and Coke

JEFFREY

CRUSHERS AND PULVERIZERS

Have a wide application

Swing Hammer Pulverizers for Limestone, Shale, Marl, Gypsum, Clay, Phosphate Rock, Asbestos Rock, Bones, Oyster Shells, Garbage, Tankage, Iron Borings, Slag, etc.

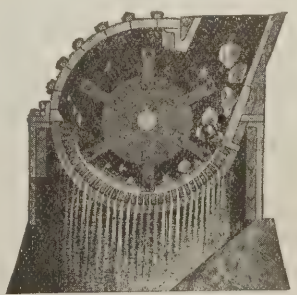
Single Roll Crusher for reducing Run-of-Mine Coal, Coke, etc. Double Roll Crushers and Disintegrators for Coal, Slate, Cinders, Salt, Coke, etc.

Shredders for Pulp Laps, Wood Chips, Bark, Dyewood, Cereals, Licorice Root, Paper Stock, Rags, Magazines, Rubber Plant, etc.

Send samples for test and ask for special Bulletins.

The Jeffrey Manufacturing Company

961 No. Fourth St., Columbus, Ohio



Type "A" Swing Hammer Pulverizer

CRUSHERS (ROCK & ORE)—continued

Williams Patent Crusher & Pulverizer Co. (Quartz Rock), 813 Montgomery, St. Louis, Mo.
Worthington Pump & Machinery Corp. 115 B'way, New York
See adv index at end of book
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

3458—Crushers (Rock & Ore, Gyratory)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Chalmers-Williams Mfg. Co. ("B. B."), 1461 Arnold, Chicago Heights, Ill.
Garfield Co., 1232 Hearst bldg., San Francisco, Cal.
Good Roads Machinery Co. Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP. (Gear Driven & Gearless), 120 B'way, New York
See adv index at end of book
SMITH ENGINEERING WORKS, 3191 Locust, Milwaukee, Wis.
Traylor Engineering & Mfg. Co. ("Blake," etc), Allentown, Pa.
See adv index at end of book
Worthington Pump & Machinery Corp. 115 B'way, New York
See adv index at end of book

3459—Crushers (Rock & Ore, Hand Power)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 216-224 B'way, New York
See adv index at end of book
Moyle E. H. Engng. & Equipt. Co. ("Moyle"), 508 E. 9th, Los Angeles, Cal.

3460—Crushers (Rock & Ore, Jaw)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Austin Mfg. Co. S. Michigan av, Chicago, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Chalmers-Williams Mfg. Co. ("Blake," "Dodge"), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
Galena Iron Works Corp., Galena, Ill.
Good Roads Machinery Co., Kennett Square, Pa.
Gruendler Patent Crusher & Pulverizer Co., 912 Main, St. Louis, Mo.
Hassell Iron Works Co., Colorado Springs, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
McFarlane-Eggers Machy. Co., Denver, Colo.
Moore Bros. (Second Hand), 39 S La Salle, Chicago, Ill.
See adv index at end of book
SMITH ENGINEERING WORKS, 3191 Locust, Milwaukee, Wis.
Stearns-Roger Mfg. Co., Denver, Colo.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Universal Crusher Co., Cedar Rapids, Ia.
Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

3461—Crushers (Roll Hammer)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Blake" Type), 120 Broadway, New York. *See adv index at end of book*

3461a—*Crushers (Roll Jaw)

Kennedy Van Saun Mfg. & Eng. Corp. 120 B'way, New York
See adv index at end of book

3462— Crushers (Rotary)

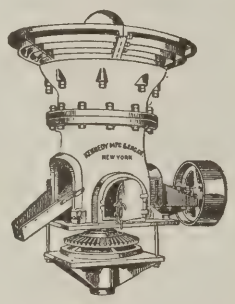
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pennsylvania Crusher Co. (For Chemicals, Coal, Lime, etc.), Stephen Girard bldg, Phila., Pa.
Sturtevant Mill Co. (For Chemicals, Paints, Phosphate, etc), Clayton & Park, Dorchester, Boston, Mass.

KENNEDY VAN SAUN

Manufacturing & Engineering Corporation

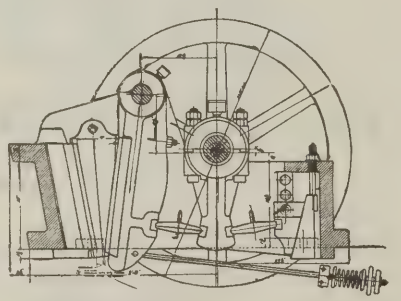
120 Broadway NEW YORK, N. Y.

The Kennedy Gyratory Crusher



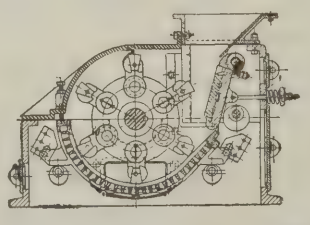
The "Best" in the World

The Kennedy Balanced Jaw Crusher



The "Biggest" in the World

The Kennedy Roll Hammer Crusher



The "Wonder" of the World

3462a— *Crushers (Slag)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

3462a1—Crushers (Single Roll)

PENNSYLVANIA CRUSHER CO. (Coal, Limestone, Lime, Chemicals, Caustic Soda, etc.), Stephen Girard bldg, Phila., Pa.

3463— Crushers (Spindle)

Bethlehem Steel Co., South Bethlehem, Pa.

Crushers (Sugar Cane)

See Mills, Sugar Cane

3464—Crushers & Levelers (Clod)

Brillion Iron Works, Brillion, Wis.
Cutaway Harrow Co. ("Clark," "Lightning"), Higganum, Conn.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("Deere"), Moline, Ill.
Dunham Co. "Dunham," "Culti-Parker"), Berea, O.
Emerson-Brantingham Co. ("E B"), Rockford, Ill.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Moline Plow Co. ("Paralyzer" & "Brillion"), Moline, Ill.
Nash Duane H. ("Acme"), Millington, N. J.
Ohio Cultivator Co. ("Cyclone"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
Rock Island Plow Co. ("Smasher"), Rock Island, Ill.
Rumely Leo Tractor Gear Co. ("Advance," "Scott," "Rumely"), La Porte, Ind.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.

3464a— Crutches

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Warnick, E. H. Co., Wilkes-Barre, Pa.

3465— Crutches (Pole)

Hallett Iron Works ("Hallett"), Harvey, Ill.

3465a— *Crystal (Rock)

DIAMOND DRILL CARBON CO. (Also Brazilian), 59 Park Row, New York

3466—*Crystallizers (Ammonium Nitrate)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

3467— Crystallizers (Sugar)

Blymer Iron Works Co., Cincinnati, O.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Coatesville Boiler Works (Sugar), Coatesville, Pa.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works. Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dyer Co., 2031 Euclid av, Cleveland, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Lebanon Boiler Works, Lebanon, Pa.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., Wilmington, Del.
Riter-Conley Co., Oliver bldg., Pittsburgh, Pa.
Stearns-Roger Mfg. Co., Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co., 140 Cedar, New York;
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works: Newburgh, N. Y.
Von Phul Gilbert D. Hibernia Bank bldg., New Orleans, La.
Walsh & Weidener Boiler Co., Chattanooga, Tenn.
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

3468— Crystals

American Chemical Co. (Soda), 640 Carr, Cincinnati, O.
General Chemical Co. (Sulphide, Soda, Muriate of Tin), 25 Broad, New York
Solvay Process Co. (Mono-Hydrate & Snow Flake), Syracuse, N. Y.

3468a— Crystals (Fuchsine)

Dicks David Co., Inc., Varick & No Moore, New York

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Wetterwald & Pfister Co., 276 Spring, New York

3468b—Crystals (Monohydrate)

Roessler & Hasslacher Chemical Co., 709 6th av, New York.
Solvay Process Co., Syracuse, N. Y.

3469— Crystals (Watch)

American Optical Co., Southbridge, Mass.
Bache Semon & Co. (Imp), 636 Greenwich, New York
Berger Albert & Co. ("W. B. & C."), 45 John, New York
Hammel, Riglander & Co., 47 Maiden la. New York
Seymour Ernest, 60 Nassau, New York
Waterbury Clock Co., Waterbury, Conn.

3470—Cube Sugar Apparatus

Hersey Mfg. Co., 314 W 2d, So. Boston, Mass.

3471—Cues (Billiard & Pool)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Spinks, Wm. A. & Co., 362 W. Erie, Chicago, Ill.
See adv index at end of book

3472— Cullet

Levy Max & Co. (Jobbers & Brokers), 845 Rees, Chicago, Ill.

3473—Cultivator Attachments

Empire Plow Co., 3140 E 65th, Cleveland, O.
Gale Mfg. Co., Albion, Mich.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

3474— Cultivators

(See also following headings)

Akron Cultivator Co. (Riding & Walking Pivot-Axle Automatic, also Walking), Akron, O.
Albright Jas. H. & Sons (Riding & Walking), Mifflinburg, Pa.
Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Frank W., Portland, N. Y.
Arnold's G. W. Son, Ionia, Mich.
Avery B. F. & Sons (Riding & Walking), Louisville, Ky.
Avery Co. ("Avery"), Peoria, Ill.
Babcock Mfg. Co. ("Otsego," Walking, One Horse), Leonardville, N. Y.
Bacon Mfg. Co. (Garden), Pontiac, Mich.
Bailor Plow Mfg. Co. (Corn & Cotton), Atchison, Kan.
Batavia Clamp Co., Batavia, N. Y.
Bateman Mfg. Co. ("Iron Age" Riding, Walking & Horse Hoe), Grenloch, N. J.
Beatrice Iron Works, Beatrice, Neb.
Belcher & Taylor Agl. Tool Co. (Prouts Hoeing Machine), Chicopee Falls, Mass.
Bement's E. Sons (Riding & Walking), Lansing, Mich.
Blount Plow Works (Walking & Riding, "True Blue" Spring Trip), Evansville, Ind.
Bridgewater Plow Corp. ("Superior" 5 Tooth), Bridgewater, Va.
Brinly Hardy Co. (Riding & Walking etc), Louisville, Ky.
Bristol & Gale Co. (Hand), 158 Carroll av, Chicago, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co. (Riding & Walking), Zanesville, O.
Burch Plow Works Co., Crestline, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
California Plow Co., 140 Polhenus, San Jose, Cal.
Case J. I. Plow Works ("Case Crank Shift," "Case Pivot Axle," "Case Pivot Frame," "Case Surface," "Case Seat Guide," "Eclipse," "New Texas," "Twin," Two Row Point Axle, "Turn Twin Narrow Tread," "Universal" Disc & Two Row Listed Corn Riding, & "Admiral," "Case Balance Frame," "Case Easy," "Case Easy Northern," "Case Easy Southern," Walking), Racine, Wis.
Champion Drill Co., Avon, N. Y.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Clore Wm. H. Mfg. Co. ("Dixie"), Washington, Ind.
Collins Plow Co. (Disc & Riding & Walking Combined), Quincy, Ill.
Cutaway Harrow Co., Higganum, Conn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Deere John Plow Works (Walking, Riding Two Row, Lister, Disc), Moline, Ill.
Deere & Co. (Sugar Cane, also Walking, Riding & Combined Riding & Walking), Moline, Ill.
Deere & Co. (Alfalfa, Disc & Beet), Moline, Ill.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dodge, H. C. Inc. ("Spry Wheel"), 48 Alger, Boston, Mass.
Donaldson Bros. ("Steel King," "Jiant," "Baldwin's American"), Mt. Clemens, Mich.
Doylestown Agricultural Co., Doylestown, Pa.
Elizabeth City Iron Wks. & Supply Co., Elizabeth City, N. C.
Emerson-Brantingham Co. ("E. B."), Walking, Riding, Lister, Beet, Motor) Rockford, Ill.
Empire Plow Co. ("Cleveland"), 3140 E 65th, Cleveland, O.
Eureka Mower Co. (Spike, Spring & Shovel Tooth, Walking, etc), 16 Hickory, Utica, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Fairbanks Co. ("Acme"), Springfield, O.
Farquhar A. B. Co., Ltd. (Riding & Walking), York, Pa.
Gale Mfg. Co. (Riding or Walking, also Walking Tongue & Tongueless, also Fine Tooth, etc), Albion, Mich.
Genung C. W. (Disc & Single & Double Wheel), Madison, O.
Gowanda Agl. Works (Horse Hoe, etc), Gowanda, N. Y.
Grand Detour Plow Co. ("Uncle Sam," "Colonial" Walking & Riding), Dixon, Ill.
Greenville Implement Co. (Star Shovel), Greenville, Mich.
Harriman Mfg. Co., Harriman, Tenn.
Hartig W. F. Plow Co. (Up-to-Date), Evansville, Ind.
Hartman Mfg. Co. (Disc Riding & Walking), Vincennes, Ind.
Hayes Pump & Planter Co. ("Hayes" Riding & "Leila," "Slick," "Leader," Victor," Walking), Galva, Ill.
Herschel R. Mfg. Co. (Single Wheel), Peoria, Ill.
Hussey Plow Co., No Berwick, Me.
International Harvester Company of America (Inc.) (International-Deering-McCormick "P. & O.," Harvester bldg., Chicago, Ill.
Janesville Machine Co. (Disc & Lister), Janesville, Wis.
Massey-Harris Harvester Co., Batavia, N. Y.
Keller Mfg. Co., 1325 N E, Quincy, Minneapolis, Minn.
Kelly G. A. Plow Co, Longview, Tex.
Keystone Machine Co. (Riding & Walking), York, Pa.
Killefer Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.
King Drill Mfg. Co., Nebraska City, Neb.
King & Hamilton Co. ("Little Boy"), Ottowa, Ill.
La Crosse Plow Co. (Riding & Walking), La Crosse, Wis.
Lean Roderick Mfg. Co. (Riding, "New Century 3 Star," "Simplex," "National"), Mansfield, O.
Lehr Agricultural Co. (Riding & Walking), Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Long & Allstatter Co. (Riding, Walking, Tongue & Tongueless), Hamilton, O.
Lyon Iron Works, Greene, N. Y.
McDonald Wm. Sons, Lapeer, Mich.
Madison Plow Co. (Riding & Walking), Madison, Wis.
Maroa Mfg. Co., Maroa, Ill.
Mason F. C. & Co. ("Banner," Hand, etc), St. Johns, Mich.
Messinger Mfg. Co. (Steel King Walking), Tatamy, Pa.
Moline Plow Co. (Tongue Walking, Tongueless Walking, Riding, Combined Walking & Riding, Disc, Lister, etc, "Dandy," "Texas Dandy",) Moline, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Monmouth Plow Factory (Riding, Combined Walking & Tongueless, "Monmouth"), Monmouth, Ill.
Moore Plow & Implement Co. (Beet & Garden), Greenville, Mich.
Munnsville Plow Co. Steel Frame, Wheel, Harrow, Lever, etc), Munnsville, N. Y.
National Drill Co., Cambridge City, Ind.
Norcross C. S. & Sons (Garden Wheel), Bushnell, Ill.
O'Neil T. L. ("Flying Sweedes" for Listed Corn, etc), Marseilles, Ill.
Ohio Cultivator Co. (Sulky & Walking, "Famous Ohio"), Bellevue, O.
Ohio Rake Co. (Riding, "Dayton"), Dayton, O.
Oliver Chilled Plow Works ("Oliver," Walking & Riding), South Bend, Ind.
Palmer Jarvis, Northville, Mich.
Parlin & Orendorff Co. ("P. & O." Riding, Walking, Disc, One Horse, Beet, Orchard, Listing, Cane, Surface, Tongueless), Canton, Ill.
Pattee Plow Co. ("New Departure" Disc, "Biplane" Shovel, "Pattee" Listed Corn), Monmouth, Ill.
Patterson Mfg. Co., Holly, Mich.
Peru Plow & Wheel Co. (Riding & Walking), Peru, Ill.
Racine-Sattley Co. (Walking, Riding & Combined "Sattley," "Corker," "Monarch," "Banner," "Sangamo," "Noxall," "New Prime" (2 Row), "Warner," "Lucky Hit," "Easy Way," "Hummer," "Only Way," 81 R., 82 R.),, Springfield, Ill.
Reed Fdry. & Mach. Co. ("Reed" All Steel), Kalamazoo, Mich.
Rock Island Plow Co. (Riding & Walking), Rock Island, Ill.
Rockford Mfg. Co. ("Dewey," "Tiger," "Hiram," "Rockford"), Rockford, Ill.
Rowland T. T. & Son, Tuscumbia, Ala.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Smith D. B. & Co. (Walking), Utica, N. Y.
South Bend Chilled Plow Co. (Riding & Walking), South Bend, Ind.
Southern Plow Co., Triple, Columbus, Ga.
Southern Plow Co., Dallas, Texas.
Sparta Plow Works, Sparta, Ill.
Sterling Mfg. Co., Sterling, Ill.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson Plow & Engine Works, Beloit, Wis.
Tower J. D. & Sons Co. (Walking & Riding, "Tower Surface"), Mendota, Ill.
Towers & Sullivan Mfg. Co. ("Little Joe," "Champion," "Eureka"), Rome, Ga.
Ulrich Mfg. Co., Rock Falls, Ill.
Van Brunt Mfg. Co., Horicon, Wis.
Washington Weeder Works (Double Disc Weeder), Walla Walla, Wash.
West & Townsend, Martinsville, O.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
White's S. R. Sons ("Cotton King," "Carolina," "Daisy," "D-Arrow"), Norfolk, Va.
Wood Bros. Thresher Co., Des Moines, Ia.
Wood Walter A. Mowing & Reaping Machine Co. ("Queen"), Hoosick Falls, N. Y.
Woodhouse J. S. Co., 191 Water. New York

3475— Cultivators (Alfalfa)

Bucher & Gibbs Plow Co. ("Imperial"), Canton, Ohio
Deere & Co. ("Deere" Drag Bar Type), Moline, Ill.
Dodge, H. C., Inc. ("Spry Wheel"), 48 Alger, Boston, Mass.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Light Draft Harrow Co. ("Kerkner"), Marshalltown, Ia.
Moline Plow Co. ("Moline"), Moline, Ill.
Reschke Machine Works, Wichita, Kan.
South Bend Chilled Plow Co. ("South Bend"), South Bend, Ind.

3476—Cultivators (Bean & Corn)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Bailor Plow Mfg. Co., Atchison, Kans.
Bucher & Gibbs Plow Co. (One & Two Horse Beet & Corn), Canton, O.
Case J. I. Plow Works, Racine, Wis.
Dodge, H. C., Inc. ("Spry Wheel"), 48 Alger, Boston, Mass.
Moline Plow Co. ("Michigan" "Flying Dutchman"), Moline, Ill.
Mountville Mfg. Co., Mountville, Pa.
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Reschke Machine Works, Wichita, Kans.
Rock Island Plow Co., Rock Island, Ill.
Tower J. D. & Sons Co. ("Tower"), Mendota, Ill.
Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

3477— Cultivators (Beet)

Akron Cultivator Co. ("Kraus" Pivot Axle 2 Row), Akron, Ohio
Allen S. L. & Co. ("Planet Jr." 2 & 4 row), 5th & Glenwood, Phila., Pa.
Bateman Mfg. Co. ("Iron Age" 2 row), Grenloch, N. J.
Brown Mfg. Co. (Two Row), Zanesville, O.
Bucher & Gibbs Plow Co. ("Imperial" two Row), Canton, O.
Deere & Co. ("Deere" Steel, Two Row), Moline, Ill.
Deere & Co. (2 & 4 Row), Moline, Ill.
Dodge, H. C., Inc. ("Spry Wheel"), 48 Alger, Boston, Mass.
Emerson-Brantingham Co. ("E. B."), 3140 E 65th, Rockford, Ill.
Gale Mfg. Co. ("Gale" 2 Row), Albion, Mich.
Hayes Pump & Planter Co. ("Leader," "Victor" Two Row), Galva, Ill.
Lehr Agricultural Co. (Two Row), Fremont, O.
Moline Plow Co. ("Moline" 2 Row Walking, & 4 Row Riding), Moline, Ill.
Moore Plow & Implement Co. ("Moore" 2 Row), Greenville, Mich.
Ohio Cultivator Co. ("Ohio" 2 Row), Bellevue, Ohio
Parlin & Orendorff Co. ("P. & O. Canton" Two & Four Row), Canton, Ill.
Wood Walter A. Mowing & Reaping Co., Hoosick Falls, N. Y.

3478— Cultivators (Garden)

Akron Cultivator Co. ("Akron" Wheel, Hand), Akron, O.
Allen S. L. Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
American Fork & Hoe Co. ("Invincible" & "Victor" Hand & Garden Plows & Seeders, Double & Single Wheel Cultivators), Swetland bldg., Cleveland, O.

CULTIVATORS (GARDEN)—continued

Ames Plow Co. ("New Universal" Wheel), Quincy Hall, Boston, Mass.
Atlantic Machine & Mfg. Co. ("Merry Garden"), 429 W Prospect av, Cleveland, Ohio
Avery B. F. & Sons ("Avery" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
Bacon Mfg. Co. ("Bacon" Wheel), Pontiac, Mich.
Bateman Mfg. Co. ("Iron Age" Wheel, Hoe, Plow, Weeder), Grenloch, N. J.
Blocki F. Co. ("Blocki"), Sheboygan, Wis.
Brinly Hardy Co. ("Columbia" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
Bristol & Gale Co. (Wheel Hand), 158 Carroll av, Chicago, Ill.
Brown Mfg. Co. ("Perfection"), Zanesville, O.
Brown-Manly Plow Co. ("Fair," "Rival," Wheel Hoe, Plow & Weeder), Malta, O.
Buffum Tool Co. ("New Boss"), South Side, Louisiana, Mo.
Crescent Forge & Shovel Co. (Wheel), Havana, Ill.
Dodge, H. C., Inc. ("Spry Wheel"), 48 Alger, Boston, Mass.
Gale Mfg. Co., Albion, Mich.
Empire Plow Co. ("Baby," "Push Bars," "Boy Scout," "Rural," "Wizard," Wheel Hand), 3140 E 65th, Cleveland, O.
Genung C. W. ("Iron King" Wheel), Madison, O.
Greenville Implement Co. ("Banner," "Garden King," "Peerless" Wheel), Greenville, Mich.
Hartman Mfg. Co. ("Little Gem," "Tip Top"), Vincennes, Ind.
Herschel R. Mfg. Co. ("Standard"), Peoria, Ill.
Lean Roderick Mfg. Co., Mansfield, O.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Mason F. C. & Co. ("Banner" Wheel), St. Johns, Mich.
Moore Plow & Implement Co. ("Gem," "Go-Easy," "Moore's" Wheel), Greenville, Mich.
National Drill Co., Cambridge City, Ind.
New Idea Spreader Co. ("Coldwater," "New Idea"), Coldwater, O.
Niemann & Hieronymus (Rotary), Mt. Olive, Ill.
Norcross C. S. & Sons ("Norcross" Hand), Bushnell, Ill.
Ohio Cultivator Co. ("Little Giant," "Magnolia," "Ohio," "Skaboo," "Southern Queen," "Climax," "Dexter" Wheel), Bellevue, O.
Parlin & Orendorff Co. ("P. & O. Canton" Wheel, Hoe, Plow & Weeder), Canton, Ill.
Peru Plow & Wheel Co. ("Clipper"), Peru, Ill.
Pull-Easy Mfg. Co. ("Pull-Easy"), Waukesha, Wis.
Sheffield Mfg. Co. (Hand), Burr Oak, Mich.
South Bend Chilled Plow Co. ("Jewell," "Newmarket"), South Bend, Ind.
Tenney & Co., Decatur, Ill.
Thornburgh Mfg. Co. ("National," "Peerless," "Rival," "Toledo," "Garden King," Wheel, Hoe, Plow & Weeder), Bowling Green, O.
Whitaker Mfg. Co. ("Dixie," "Excelsior," "Gem," "Jarvis," "National," "Reliance," "Whitaker"), 409 S Green, Chicago, Ill.

3479— Cultivators (Onion)

See also Drills, Onion

Allen S. L. & Co. ("Planet Jr." Wheel Hand), 5th & Glenwood, Phila., Pa.
Bacon Mfg. Co. ("Bacon," Wheel Hand), Pontiac, Mich.
Clark W. J. Co., Salem, O.
Dodge, H. C., Inc. ("Spry Wheel"), 48 Alger, Mass.
Genung C. W. ("Iron King," Wheel Hand), Madison, Ohio

3480-1— Cultivators (Sled)

Avery B. F. & Sons ("Avery" 1 & 2), Louisville, Ky.
Deere & Co. ("John Deere" No. 4), Moline, Ill.
Emerson-Brantingham Co. ("E. B."), Rockford, Ill.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Ohio Cultivator Co. ("Challenge," "Defiance," "Easy," "Hustler," "New Easy," "New Ohio"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.

Culvert Forms

See Centering, Steel; also Concrete Forms

3482— Culverts (Cast Iron)

See also Cast Iron Pipe Mfrs., Gas & Water

American Casting Co. ("National" Lock Joint), Birmingham, Ala.
Beach Mfg. Co, Charlotte, Mich.
Brillion Iron Works ("Sperry Perfection"), Brillion, Wis.
Builders' Steel Products Co., 1210 Fidelity, Phila., Pa.
Burch Plow Works Co. ("Burch" Expansion), Crestline, O.
Colby N. H. ("Sperry Perfection"), Granville, Ill.
Fisher C. W., 52H B'way, New York
Galion Iron Works & Mfg. Co. ("Ideal"), Galion, O.
Metal Post & Culvert Co., Niles, O.
Munnsville Plow Co. ("Sperry Perfection"), Munnsville, N. Y.
Rothe Jos. F. Foundry Co. ("Daggett's Expansion), Green Bay, Wis.
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wetter H. Mfg. Co. ("Sperry Perfection"), Memphis, Tenn.

Culverts (Corrugated, Galvanized Iron, Etc.)

See Culverts, Road

3483— Culverts (Road)

American Casting Co. ("National" Lock Joint Cast Iron & Railroad), Birmingham, Ala.
American Road Machinery Co. (Corr. Iron), Kennett Sq., Pa.
American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
Arnett Lee Co. (Corrugated), Lincoln, Neb.
Atlas Metal Works (Corrugated), Dallas, Tex.
Bark River Bridge & Culvert Co. (Corrugated), Bark River, Mich.
Beatrice Iron Works (Metal), Beatrice, Neb.
Beatrice Steel Tank Mfg. Co. ("New-Way"), Beatrice, Neb.
Booth & Flinn Ltd. (Concrete), 1942 Forbes, Dept. H, Pittsburgh, Pa.
Builders' Steel Products Co., 1210 Fidelity, Phila., Pa.
Butler Mfg. Co. ("Rus-Pruf" Steel), Kansas City, Mo.
Butler Mfg. Co., 700 6th av, S E, Minneapolis, Minn.
California Corrugated Culvert Co. ("Armco"), W Berkley & Los Angeles, Cal.
Canton Culvert & Silo Co. ("No-Co-Ro" Metal), Canton, O.
Capital City Culvert Co., Madison, Wis.
Champion Bridge Co. (Iron), Wilmington, O.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Columbian Steel Tank Co., New England bldg (Corrugated), Kansas City, Mo.
Coral Concrete Culv. Mfg. Co., Coral, Mich.
Corrugated Culv. Co. (Corr), Moberly, Mo.
Crawfordsville Corrugated Culvert Co., Crawfordsville, Ind.
Dixie Culvert & Metal Co. ("Armco" Corr.), Atlanta, Ga.
Dominion Metal Product Co. ("Imperial," Round Riveted, "Acme" Nestable), Roanoke, Va.
Duluth Corr. & Rfg. Co., Duluth, Minn.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Fisher C. W., 52H B'way, New York
Florida Metal Products Co. ("Acme" Nestable & "Imperial" Riveted Corrugated Metal), Jacksonville, Fla.
Fort Dodge Culv. & Iron Mills Co. (Corr.), Fort Dodge, Ia.
Galion Iron Works & Mfg. Co. ("Sterling" Corrugated Metal), Galion, O.
Grand Island Culvert & Metal Works, Grand Island, Neb.
Harry Bros. Co. (Corr. Galv. Iron), Carr av & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co. (Steel), 2333 Papin, St. Louis, Mo.
Harry O. K., Steel Works (Corrugated Steel), Dallas, Tex.
Heller-Aller Co. (Galv. Steel), Napoleon, O.
Holzer R. G. (Est. of) (Corrugated Rain), 317 Burgundy, New Orleans, La.
Ill. Corr. Metal Co. (Corr.), Springfield, Ill.
Independence Corrugated Culvert Co. (Corrugated), Independence, Ia.
Iowa Pure Iron Culvert Co., Des Moines, Ia.
Kelly Fdry. & Mach. Co. (Galv. Iron), Goshen, Ind.
Klauer Mfg. Co. (Corr. Galv.), Dubuque, Ia.
Kretchmer Mfg. Co. (Corrugated Metal), Council Bluffs, Ia.
Lyle Corr. Culv. Co. (Corr.), 171 27th av S E, Minneapolis, Minn.
Martin Metal Mfg. Co (Corr.), Wichita, Kan.
Maryland Culvert & Metal Co. ("Armco" Sheet Metal), Munsey bldg., Baltimore, Mich.
Metal Engineering Co. (Smooth Bottom), Danville, Pa.
Metal Post & Culvert Co., Niles, O.
Michigan Bridge & Pipe Co. (Corr), Lansing, Mich.
Midland Metal Mfg. Co., Ottumwa, Ia.
Minnesota Pipe & Tile Co., Mankato Minn.
Mobile Steel Co., Mobile, Ala.
Montana Culvert & Flume Co. (Corr.), Missoula, Mont.
National Corrugated Culvert Mfg. Co. (Corrugated Metal), Warren, Pa.
Neb. Culv. & Mfg. Co. (Corr.), Wahoo, Neb.
New Eng. Metal Culv. Co. (Corr.), Palmer, Mass.
New Orleans Roofing & Metal Co., ("Nola" Galvanized Iron), Cortez & Orleans, New Orleans, La.
Newport Culvert Co. (Corrugated Metal), Newport, Ky.
Newport Rolling Mill Co. (Corr.), Newport, Ky.
N. Dak. Metal Culv. Co. (Corr.), Fargo, N. D.
Northeast Metal Culv. Co. (Corr.), Nashua, N. H.
Northfield Iron Co. (Plain Bottom Corr.), Northfield, Minn.
Northwestern Sheet & Iron Wks., Wahpeton, N. D.
Ohio Corr. Culv. Co. (Corr), Middletown, O.
O'Neal William Q. Co. (Corr.), Crawfordsville, Ind.
Penn Metal Co. (Corrugated), Smooth bottom, flat bottom, and all round corrugated one and two piece), 65 Franklin, Boston, Mass.
Penna. Metal Culv. Co. (Corr.), Warren, Pa.
Perfection Metal Products Co. (Corr.), Topeka, Kan.
Pidgeon-Thomas Iron Co. (Galv. Iron), Memphis, Tenn.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Platte Valley Cement Tile Mfg. Co. (Tile), Fremont, Neb.
Princeton Sheet Metal Co. (Corr.), Princeton, Ind.
Red Oak Bridge & Iron Works, Red Oak, Iowa
Reeves Mfg. Co., Dover, O.
Road Sup. & Metal Co. (Corr.), Topeka, Kan.
Russell Grader Mfg. Co. (Corrugated), 2005 Univ. av, S E, Minneapolis, Minn.
Sioux Falls Metal Culv. Co. (Corr.), Sioux Falls, S. D.
Spokane Culv. & Tank Co., Spokane, Wash.
Tenn. Metal Culv. Co. (Corr.), Nashville, Tenn.
Texas Tank & Culvert Co., Fort Worth, Tex.
Utah Corrugated Culv. & Flume Co. (Corr.), Woods Cross, Utah
Warsaw-Wilkinson Co. (Steel), Warsaw, N. Y.
Western Metal Mfg. Co. (Corr.), El Paso, Tex.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.
Wisconsin Culv. Co. (Corr.), Madison, Wis.

3483a—Culverts (Segment Block)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Dickey, W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
San Antonio Sewer Pipe Works, San Antonio, Tex.

3483b—Culverts (Vitrified Clay Pipe)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Mexican Clay Mfg. Co., Mexico City, Mo.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Tex.
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.

3483c— Cumarin

Barrett Co. (Panacoumarche), 17 Battery pl, New York
DuPont Chemical Works, 120 B'way, New York

3484— Cupboards (Steel)

GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Terrell's Equipment Co., Grand Rapids, Mich.

3485— Cupels

Braun-Knecht-Heimann Co. (Calmix), 576-584 Mission, San Francisco, Cal.
Denver Fire Clay Co. ("Casite"), Denver, Colo.
Dixon Joseph Crucible Co., Jersey City, N. J.

3486—Cupola Linings or Blocks

Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Berry Jas. E., Woodbridge, N. J.
Bickford Fire Brick Co., Curwensville, Pa.
Big Savage Fire Brick Co., Frostburg, Md.
Brighton Fire Brick Co., New Brighton, Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Chambers A. Reeder, Trenton, N. J.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
See adv index at end of book
Chicago Retort & Fire Brick Co., Ottawa, Ill.

Climax Fire Brick Co. ("Climax"), Climax, Clawn Co., Pa.
Columbia Fire Brick Co., Canton, O.
Cooper Jno., 111 Clay, Brooklyn, N. Y.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Fire Clay Co., Denver, Colo.
Diamond Fire Brick Co., Canon City, Colo.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Didier-March Co., Perth Amboy, N. J.
Edge Hill Silica Rock Co. (Mica Schist Fire Stone), New Brunswick, N. J.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Federal Clay Product Co., Mineral City, O.
Fiske & Co., 30 Franklin, Boston, Mass.
Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.
Garfield Fire Clay Co., Robinson, Pa.
Gautier J. H. & Co., 1 Greene, Jersey City, N. J.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Howard Co., New Haven, Conn.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Laclede-Christy Clay Products Co., Railway Exch bldg., St. Louis, Mo.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
McLeod & Henry Co. (Steel Mixture), 360 1st, Troy, N. Y.
Maurer Henry & Son, 420 E 23d, New York
Mississippi Glass Co., 220 5th av, New York
Missouri Fire Brick Co., Security bldg, St. Louis, Mo.
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
Ohio Fire Brick Co., Oak Hill, O.
Ostrander Fire Brick Co., Troy, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Portsmouth Refractories Co., Portsmouth, O.
Presbrey Stove Lining Co., Taunton, Mass.
Remmey Richard C. Son Co., Hedley & Del, Phila, Pa.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.
Sneyd Enameled Brick Co., Trenton, N. J.
Standard Fire Brick Co., Pueblo, Colo.
Thomas, Buckwater & Co., Royersford, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
United Fire Brick Co., Uniontown, Pa.
Valentine M. D. & Bro. Co., Woodbridge, N. J.
Wagner Fire Brick Co., Scranton, Pa.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg, Pittsburg, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co. ("Woodison"), 1621 St. Aubin, Detroit, Mich.

3487— Cupolas (Barn)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Bernard Phillip Co. ("O. K."), Sioux City, Ia.
Heine Jno. F. & Son, Hooper, Neb.
King Ventilating Co., Owatonna, Minn.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Litchy B. F. & Sons ("Monitor"), Waterloo, Ia.
Shrauger & Johnson Co. ("Chief," All-Steel), Atlantic, Ia.

3488-9-90—Cupalos (Foundry)

Barry & Zecher Co. ("Zecher"), Lancaster, Pa.
Central Foundry Supply Co. ("Callian"), P. O. Box 945, Columbus, O.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R. Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Detroit Foundry Co. ("Crandall"), E Grand blvd & Rupelle, Detroit, Mich.
Hibbs E. A., Quarry & Bread, Phila., Pa.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Mohr John & Sons, 96th & Calumet River, Chicago, Ill.
Northern Engineering Works ("Newten"), 9 Chene, Detroit, Mich.
Paxson J. W. Co. ("The Paxson-Colliau"), 1021 N Delaware av, Phila., Pa.
Seeger Machine Tool Co. (Also Equipment), 34 S Forsyth, Atlanta, Ga.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Sotter Bros., Pottstown, Pa.
Stewart Boiler Works, Worcester, Mass.
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co. (Also Portable), 157th & Halstead, Chicago, Ill.

3491— Cupro-Vanadium

Vanadium Corp. of Am., Equitable bldg., New York.

Cups (Aluminum)

See Cups, Drinking, Collapsible

3492— Cups (Automobile)

Bossert Corp. (The) (Clutch Coil), cor. Linden & West av, Utica, N. Y.
Perry-Fay Mfg. Co., Elyria, O.
U. S. Automatic Co., Amherst, O.

3493— Cups (Ball)

Bossert Corporation, The, (Hardened), cor. Linden & West av, Utica, N. Y.
Boston Pressed Metal Co. (To Order for Lawn Mowers, Sewing Machines, Roller Skates, Bicycles, Motor Cycles, etc), 170 Union Worcester, Mass.
Matthews Mfg. Co., 104 Gold, Worcester, Mass.

3494—Cups (Bubbling, for Drinking Fountains)

Watrous Co. ("Watrous"), 524 S Racine, Chicago, Ill.

Cups (Carbon)

See Carbon Mfrs.

3494a— Cups (Color)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

3495—Cups (Drinking, Collapsible, Etc.)

Aluminum Container Corp., Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Thermos Bottle Co. ("Thermocups"), Norwich, Conn.
Cassady, Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Fargo E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at endof book*
Great Northern Mfg. Co., 215 W Rand, Chicago, Ill.
Scovill Mfg. Co., Waterbury, Conn. *See adv index at end of book*
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
UNION PAPER & TWINE CO., 128 St. Clair av n w, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*
Wilson Wyle T. (Paper), 1151 N 3rd, Pittsburgh, Pa.

Cups (Drinking, Paper)

See Cups, Paper

3496— Cups (Elevator)

See also Buckets, Elevator & Conveying
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Sprout, Waldron & Co., Muncy, Pa.

3497—Cups (Force, Rubber)

Anderson Rubber Works, Anderson, Ind.
Beereis & Bossich Co. (Div. of the Bossich Co.), Bridgeport, Conn.
Bunnell W. H., 178 Centre, New York
Coleman Allan J. ("Improved"), 208 N. Wabash av, Chicago, Ill.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Hodgman Rubber Co., 8 W 40th, New York
Keystone Speciality Co., Scranton, Pa.
Mattson Rubber Co., Lodi, N. J.
National India Rubber Co., Bristol, R. I.
Norwalk Mfg. Co., E. Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Rubber & Celluloid Products Co., Newark, N. J.
Schacht Rubber Mfg. Co. ("Daisy"), Huntington, Ind.

3497a—Cups (Grease Automobile)

Bassick Co. ("Bassick"), 28H Austin, Bridgeport, Conn.
Bossert Corporation (The), cor. Linden and West av, Utica, N. Y.
Ironsides Co., Dept. H, Columbus, Ohio
LUNKENHEIMER CO. ("Owl," "Lock," "Grip," "Guard," "Checklock," "Ferro," "Securo," "Primo" and "Wingo"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., 3643H Beaubien, Detroit, Mich.

Cups (Hand, Rubber)

See Cups, Force, Rubber

3498— Cups (Leather)

See also Gaskets, Rubber
AMERICAN WASHER WORKS, 426 & 428 Smith, Brooklyn, N. Y. *See adv index at end of book*
Auer C. A., Corry, Pa.
BARWOOD L. J. MFG. CO. ("Barwood"), Stoneham, 80 Boston, Mass. *See adv index at end of book*
Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York *See adv index at end of book*
Etsweiler William, 230 N 3rd, Phila., Pa.
Graton & Knight Mfg. Co., Worcester, Mass.
Houghton E. F. & Co. ("Vim," Hydraulic, etc), 240 Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Page Belting Co., Concord, N. H.
Schieren Chas. A. Co., 30 Ferry, New York
Western Packing & Supply Co., 231 N. Wells, Chicago, Ill. *See adv index at end of book*

3498a— Cups (Match)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

3499— Cups (Measuring)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Chapman Co. ("Chapman"), Geneva, New York
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Fargo E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at endof book*
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Sneath Glass Co. (Glass), Hartford City, Ind.

3499a— Cups (Oil)

See also Lubricators, Oil & Grease Cup
Allen W. D. Mfg. Co. ("Pease"), 566 W Lake, Chicago, Ill. *See adv index at end of book*
American Galco Inc. ("Conus" Spring Cover), Grand Central Palace, New York
Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
Bowen Products Corp., Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., & Windsor, Ont., Canada *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill.
Justrite Mfg. Co. ("Justrite"), 2064 Southport av, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York *See adv index at end of book*
Michigan Lubricator Co. (Glass Body), 3643 Beaubien, Detroit, Mich.

3500— Cups (Paper)

American Blank Book Mfg. Co. (Drinking Everlasting), 150 Lafayette, New York
American Lace Paper Co., 419 3rd, Milwaukee, Wis.
American Paper Goods Co., Kensington, Conn.
American Water Supply Co., 251 Causeway, Boston, Mass.
Baum Bros. Co., Denver, Colo.
Brown Bag Filling Machine Co. (Flat, Drinking), Fitchburg, Mass.
Burnitol Mfg. Co., Orient av, Boston, Mass.
CUTTER-TOWER CO. INC., 405H Lexington av, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Gair Robert Co., 50 Washington, Bklyn, N. Y.
Germproof Cup Machine Co. Inc., 136 Liberty, New York
Individual Drinking Cup Co., 220 W 19th, New York
John Mfg. Co. (Glasses), Springfield, O.
Kimpton Ed. Co., 60 John, New York
Kuhmarker Mfg. Co., 260 West, New York
Lily Cup Co., 120 B'way, New York
Mansell-Hunt-Catty & Co., 22 Reade, New York
Milwaukee Lace Paper Co., Milwaukee, Wis.
Nelson L. H. Co., Portland, Me.
Public Service Cup Co. ("Lily Cup"), 168 39th, Brooklyn, N. Y.
Purity Specialties Co., Denckla bldg, Phila., Pa.
Sanitary Paper Cup Co. ("Sanasep"), 17 Harcourt, Boston, Mass.
Sayford Paper Specialty Co., Vineland, N. J.
Spangler E. J. Co., 1237 N Howard, Phila., Pa.
STANDARD ENVELOPE CO. ("Victor"), 296 B'way, New York.
Stone & Forsyth Co. (Drinking & Sputum Cups), 67 Kingston, Boston, Mass.
Vortex Mfg. Co. ("Vortex"), 421 N. Western av, Chicago, Ill.
Wayne Paper Goods Co., Fort Wayne, Ind.
Wilson Wylie T. (Collapsible), 1151 No. 3rd, Phila., Pa.
Wolf Bros. ("Standard"), 330 N 12th, Phila., Pa.

3501—Cups (Plumbers' Soil)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

CUPS (PLUMBERS' SOIL)—continued
Johnson Wm. (Hedenberg Works), Newark, N. J.
Knapp Mfg. & Supply Co., 241 Water, New York
Stortz Jno. & Son, 210 Vine, Phila., Pa.

3502— Cups (Porous)

Maddock John & Sons, Trenton, N. J.
Ohio Pottery Co. (Medium Hard Burned Clay), Zanesville, O.
Robinson Clay Product Co., Akron, O.

3503— Cups (Priming)

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.
See adv index at end of book
American Lubricator Co., Summit & Wabash Ry, Detroit, Mich.
Bowen Products Corp. Divs., Auburn, N. Y., Detroit, Mich., Cleveland, O., Minneapolis, Minn., & Windsor, Ont., Can. *See adv index at end of book*
Detroit Brass & Malleable Wks. (Gasoline), 1177H Holden, Detroit, Mich.
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Duryea C. E. Co. ("Durtout"), Saginaw, Mich.
Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
Hancock Mfg. Co., Charlotte, Mich.
Imperial Brass Mfg. Co. (For Automobile & Motor Boat), 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Michigan Motor Specialties Co. ("Becco"), 26 Dubois, Detroit, Mich.
Morgan Mfg. Co., Inc., Keene, N. H.
National Brass Mfg. Co., Rochester, N. Y.
See adv index at end of book
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Standard Brass Works, 97 Wight, Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Swenson B. A., 522 Broad, Providence, R. I.
Utility Compressor Co., 355 Harper, E Detroit, Mich.
Williams D. T. Valve Co., Cincinnati, O.

3503a— Cups (Spit)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

3503b—Cups (Sputum, Porcelain & Metal)

Baum Bros. Co. (Sanitary), Denver, Colo.

3504— Cups (Turpentine)

Florida Metal Products Co. (also Strips and Aprons), Jacksonville, Fla.
Herty Turpentine Cup Co., Jacksonville, Fla.
Krager Turpentine Cup Co., Daisy, Tenn.
Lerio Patent Cup Co., Mobile, Ala.
Mobile Steel Co. (also Aprons), Mobile, Ala.
Pringle Turpentine Cup Co., Biloxi, Miss.

3505— *Cups (Wiper)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

3506— *Cups (Wooden)

BOGERT & HOPPER INC. (Caster, Dice, Pen and Quassia, etc.), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS (Caster, Dice, Pin, Quassia, etc), 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

3507— Curbing (Vitrified)

American Sewer Pipe Co., Akron, O.

3508— Curbing (Well)

Bates E. E. & J. H. ("Bates," "Excelsior"), Arlington, Providence, R. I.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Harry O. K. Steel Works (Corrugated Steel), Dallas, Tex.
Kretchmer Mfg. Co. (Corrugated Steel), Council Bluffs, Ia.

3509— Curbs (Valve)

American District Steam Co. (Cast Iron for Steam Underground Work), North Tonawanda, N. Y.
Central Station Steam Co. (Manhole), 719 Woodbridge, E Detroit, Mich.

3510— Currycombs

Bailey C. J. & Co. ("Black Beauty," Rubber), 22 Boylston, Boston, Mass.
Decker Mfg. Co. ("Arc Spring"), Keokuk, Ia.
Fitch W. & E. T. Co., New Haven, Conn.
Hills Edwin, Plainville, Conn.
Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
Kohler F. E. Co. ("Kohler," All Steel or Brass, "Magic," "Humane"), Canton, O.
Matthews & Willard Mfg. Co., Waterbury, Conn.
National India Rubber Co. (Rubber), Bristol, R. I.
New York Stamping Co. ("Eclipse," "Reform"), N 11th & Berry, Brooklyn, N. Y.
Niagara Falls Metal Stamping Works ("Niagara" & "Ideal"), Niagara Falls, N. Y.
Union Furnace Mfg. Co., Union Furnace, Pa.
Weber & Kirch Mfg. Co. ("Winner," "Alston's" Spring Handle), Keokuk, Ia.
Whirrett Bros., Delphos, O.
Wisconsin Metal Products Co. ("Advance," "Perfect," "Hunter," "Toothless"), Racine, Wis.

3510a—Curtain Carrying Devices (For Theatre, Etc.)

McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*

Curtains (Car)

See Car Curtains & Materials

3511—Curtains (Locomotive Cab)

Atlanta Tent & Awning Co., Atlanta, Ga.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Hettrick Mfg. Co., Toledo, O.

3512—Curtains (Rubber Bath)

Empire Rubber Co., 126 W 22d, New York
Hodgman Rubber Co., 8 W 40th, New York
Kleinert I. B. Rubber Co., 425 B'way, New York

3512a—Curtains (Shower Bath)

Hettrick Mfg. Co., Toledo, O.
Maco Products Corp., 154 Nassau, New York.
Sanitary Raincoat Co., 85 Warren, New York

Curtains (Steel Rolling)

See Shutters, Steel Rolling

3513—Cushions, Beds & Pillows (Air, Rubber)

Athol Mfg. Co., Athol, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co. (Operating, etc), Ashland, O.
Goodrich B. F. Co., Akron, O.
Parker-Stearns & Co. (Invalid Operating, etc), 286 Sheffield av, Brooklyn, N. Y.
Tyer Rubber Co., Andover, Mass.

3514—Cushions (Billiard & Pool Table)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Revere Rubber Co., Chelsea, Mass.

3515— Cushions (Boat, Etc.)

Fogg M. W., 202 Front, New York
Hettrick Mfg. Co., Toledo, O.
Hodgman Rubber Co., 8 W 40th, New York
Laughlin, Thos. Co. (Life Preserver), Portland, Maine
Metropolitan Air Goods Co., Athol, Mass.
Pneumatic Mfg. Co. ("Peerless," "Butler"), 123 Pacific, Brooklyn, N. Y.
Racine Auto Top Co., Racine, Wis.
Robinson-Roders Co. ("Ilanaisilk" Cushions, Safety Pillows, Life Preservers & Safety Mattresses for Boats), 27 N. J. R. R. av, Newark, N. J.

3516—Cushions (Canvas, Outing)

Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Carpenter Geo. B. & Co., 440 N. Wells, Chicago, Ill.
Hettrick Mfg. Co., Toledo, O.
Wyandotte Awning & Tent Co., Kansas City, Kans.

3516a— Cushions (Chair)

Fox Geo. E. Co., 35H W Kenzie, Chicago, Ill.
Ostermoor & Co., 116 Elizabeth, New York
Thurston Manual Training Supply Co., Anoka, Minn.

3517—Cushions (Engine & Caboose)

Atlanta Tent & Awning Co., Atlanta, Ga.
Cincinnati Cushion Co., 116 Opera pl, Cincinnati, O.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.

3518— Cushions (Heel)

See also Heels, Rubber

Essex Rubber Co. ("Soft Spots"), Trenton, N. J.
Foster Rubber Co. ("Tread-air," "Foster"), 105 Federal, Boston, Mass.
Gilbert E. T. Mfg. Co., Rochester, N. Y.

3518a—Cushions (Nailing Soundproof)

Flexner-Taylor Co., Ltd. ("Flexner"), 786 East Broadway, So Boston, Mass.

3518b—*Cushions (Pin — Jewel Box Combined)

Du Pont E. I. de Nemours & Co., Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

3519—Cushions (Telephone Receiver)

Davol Rubber Co. (Pneumatic), 69 Point, Providence, R. I.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Miller Rubber Co. (Pneumatic), Akron, O.

3520— Cuspidors

Aldrich Mfg. Co. (Brass), Buffalo, N. Y.
American Metal Ware Co. (Brass), 368 W Huron, Chicago, Ill.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Arcade Mfg. Co. ("Arcade," Brass Cast), Freeport, Ill.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co. (Brass, etc), Buffalo, N. Y.
Burnitol Mfg. Co. (Paper), Orient av, Boston, Mass.
Cartwright Bros. Co. (White, Earthenware), E Liverpool, O.
Central Stamping Co. (Polished & Nickel Plated Brass Self-Righting, etc), 172 Fulton, New York
Cheney S. & Son (Cast Iron), Manlius, N. Y.
Clark A. C. & Co. (Brass Fountain Spittoons), 1035 E 76th, Chicago, Ill.
Columbian Enameling & Stamping Co. (Enameled Iron), Terre Haute, Ind.
Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Dover Stamping & Mfg. Co. (Cast Iron, Porcelain-Lined, Self-Righting; also Tin, Various Colors), Cambridge, Mass.
Excelsior Brass Works, Reading, Pa.
Farber S. W. (Brass & Copper), 147 So 5th, Brooklyn, N. Y.
Fibre Corporation ("Fibrotta" Indurated Fibre), Lockport, N. Y.
GEUDER, PAESCHKE & FREY CO. (Steel, Japanned & Enameled), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Goodrich B. F. Co. (Rubber), Akron, O.
Gould-Mersereau Co. (Brass), 52 W 38th, New York
Hews A. H. & Co. (Earthenware), Cambridge, Mass.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Indiana Foundry Co. (Cast Iron), Indiana, Pa.
Indiana Hollow Ware Co. (Enameled Cast Iron), Jeffersonville, Ind.
Ireland & Matthews Mfg. Co. (Brass & Nickel, Self-Righting), Beard & Chatfield, Detroit, Mich.
Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York
Lisk Manufacturing Co. (Ltd.) ("Lisk" Enameled), Canandaigua, N. Y.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Manning, Bowman & Co. (Brass, Nickeled, Enamel & Tin), Meriden, Conn.
Marietta Hollow Ware & Enameling Co. (Enameled), Marietta, Pa.
Midland Metal Co. (Brass, Bronze & Plated), 21st & Jefferson, Phila., Pa.
National Enameling & Stamping Co. (Sheet Metal), 411 5th av, New York
National India Rubber Co. (Rubber), Bristol, R. I.
New England Enameling Co. ("Ideal" Enameled Ware), Middletown, Conn.
Peters & Reed Pottery Co. (Terra Cotta Hand Painted), Zanesville, O.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Porcelain Enameling Assn. of Amer. ("Polar Brand," Seamless, Porcelain Enameled), Sheboygan, Wis.
Ray Geo. A. Mfg. Co. (Brass & Nickel Plated, Self-Righting, Weighted Bottom, etc), Buffalo, N. Y.
Rochester Stamping Co. (Enameled Metal), Rochester, N. Y.

Rostand Mfg. Co. ("Rostand" Brass, German Silver, Nickel & Bronze), Milford, Conn.
St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.
Schlesinger Leo. & Co. (Metal), 66 Wooster, New York
South Bend Foundry Co. (Cast Iron, Movable Top), South Bend, Ind.
Stone & Forsyth Co. ("Hygienic" Paper), 67 Kingston, Boston, Mass.
Strong Mfg. Co. (Enameled, Seamless, Flaring & Removable Top), Sebring, O.
Sutterley G. T. & Co., 1720 N 2nd, Phila., Pa.
Sweeney W. H. Mfg. Co. (Nickeled, Brass & Tin & Self-Righting, etc), 30 Main, Brooklyn, N. Y.
Thompson C. C. Pottery Co. (Porcelain), East Liverpool, O.
Vogel Wm. & Bros. (Nickel Plated Steel & Copper with Removable Hopper), 37 S 9th, Brooklyn, N. Y.
Vollrath Co. ("Vollrath," Seamless Steel & Cast Iron), Sheboygan, Wis.
Weber Dental Mfg. Co. (Fountain), Canton, O.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.

3521— Cutch

Demarest Chas. H. (Imp), 150 Water, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Marden, Orth & Hastings Co. ("Golden" for Tanneries, also Khaki), 136 Liberty, New York
Rice Edward E. & Co. (Imported), 620 Atlantic av, Boston, Mass.
Sergeant E. M. Co., 15 E. 26th, New York *See adv index at end of book*
Worden Chemical Works(Imp), 4 Cedar, New York

3522— Cutlery Mfrs.

Acme Shear Co. (Shears, Scissors, etc), Bridgeport, Conn.
Aerial Cutlery Mfg. Co., Marinette, Wis.
American Cutlery Co. (Table Cutlery), 764 Mather, Chicago, Ill.
American Silver Co. (Table Cutlery), Bristol, Conn.
Bannister A. F. & Co. (Pocket, etc), Newark, N. J.
Barth L. & Son (Dirs), H Cooper Square, New York
Bison Mfg. Co. (Razor Strops, Cutlery Specialties), Little Valley, N. Y.
Boker Herman Cutlery & Hdwe. Co., Inc ("Tree Brand"), 101 Duane, New York
Browne W. G. Mfg. Co., Kingston, N. Y.
Buffalo Knife Co., Buffalo, N. Y.
Camillus Cutlery Co., Camillus, N. Y.
Canton Cutlery Co. ("C. C. Co." Pocket Knives, High Grade, Transparent Handle Pocket Knives, Razors, Shoe Buttoners, Ink Erasers, etc), Canton, O.
Carrier Cutlery Co., Elmira, N. Y.
Case W. R. & Sons Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co. (Pocket Knives, Razors, Shears, etc), Little Valley, N. Y.
Challenge Cutlery Corporation (Pocket Knives & Razors), Bridgeport, Conn.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Bread, Cake, Ham & Kitchen Knives, Druggists' Spatulas & Lemon Slicers), Fremont, O.
Clark Bros. Cutlery Co. (Pocket Cutlery & Shears), 926 Broadway, Kansas City, Mo.
Clauberg F. A. & Co. (Table), 27 Park pl, New York
Clauss Shear Co., Fremont, O.
Clayton Mfg. Co., Bristol, Conn
Clement Mfg. Co. (Table), Northampton, Mass.
Cleveland Steel Scissors Co., 2359 E 67th, Cleveland, Ohio
Clyde Cutlery Co. (Butcher, Bread & Kitchen Knives, etc), Clyde, O.
Crescent Mfg. Co., Fremont, O.
Cronk & Carrier Mfg. Co. (Pocket Knives only), Elmira, N. Y. *See adv index at end of book*
Divine Dwight & Son (Pocket & Fine Pen Knives), (Trade Mark, "Ulster Knife Co." & "Ellenville Knife Co."), Ellenville, N. Y.
Empire Knife Co. (Pocket Cutlery), Winsted, Conn.
Enderes Inc., Albert Lea, Minn.
Foster Bros. & Chatillon Co. (Pocket, Kitchen & Butchers' Cutlery), Fulton, N. Y.
Geneva Cutlery Corp. (Razors, Shears, etc), Geneva, N. Y.
Glogau & Co. (Knives & Scissors of All Kinds), Great Lakes bldg, Chicago, Ill.
Goodell Co. (Carving & Table Cutlery), Antrim, N. H.
Graef & Schmidt ("J. A. Henckle's Twin Brand" Imp.), 107 Chambers, New York
Harrington Cutlery Co. ("Dexter," Butcher, Cheese, Shoe, Bread & Kitchen, etc), Southbridge, Mass.
Hart H. C. Mfg. Co. (Hollow Handle, Knife & Fork, Rolled Steel, Nickel Plated), Union, Conn.
Havell Mfg. Co. (Metal Goods), 284 Washington, Newark, N. J.
Henkel Co., Fremont, O.
Herbrand Co., Fremont, O.
Holley Mfg. Co. (Pocket), Lakeville, Conn.
International Silver Co. (Silver Plated, etc), Meriden, Conn.
Kastor A. & Bros. ("Camillus," "W. H. Morley & Sons"), 109 Duane, New York
Knickerbocker Mfg. Co. (Knives, etc), Belleville, N. J.
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co. (Razors, Straps & Hones), Little Valley, N. Y.
Lamson & Goodnow Mfg. Co. (Table Cutlery, Carvers, Butchers', Painters' & Druggists' Knives), Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal" Pearl, Ivory & Celluloid Handle Table Cutlery, Carving Sets, etc), New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Marble Arms & Mfg. Co. (Pocket & Hunting Knives, Pocket Axes, etc), Gladstone, Mich.
Meriden Cutlery Co. (Cheese, Broad, etc), Meriden, Conn.
Miller Bros. Cutlery Co. (Pocket, etc.), Meriden, Conn.
Morris Cutlery Co., Morris, Ill.
Murphy's Robt Sons Co., Ayer, Mass.
Napanoch Knife Co. (Pocket), Napanoch, N. Y.
New York Knife Co. (Pocket Knives & Table Cutlery), 225 5th av, New York. Works: Walden, N. Y.
NICHOLS BROS. ("Nichols Bros.") (Table Knives), Greenfield, Mass.
Northampton Cutlery Co. (Table Cutlery), Northampton, Mass.
Northfield Knife Co. (Pocket Cutlery, Shears, etc), Northfield, Conn.
Novelty Cutlery Co. (Pocket Knives, Razors, Folding Scissors, Ink Erasers, Dirk Knives, Letter Openers, Shoe Buttoners, Scalpel Lances, Souvenir Knives, etc), Canton, O.
O. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
Ontario Knife Co. (Table, etc), Franklinville, N. Y.
Poughkeepsie Cutlery Works, Inc. (Pocket Knives, Razors, Shears, Manicure & Surgical Instruments), Poughkeepsie, New York
Republic Metalware Co. ("Savory"), Buffalo, New York
Robeson Cutlery Co. (Pocket, etc), Rochester, N. Y.
Rogers Wm. A. (Ltd.), Northampton, Mass.
Ross Jos. & Co. (Corn, Knives, Ink Erasers, etc), Irvington, N. J.
Ruettgers Ernst Inc., 242-46 Chesnut, Brooklyn, N. Y.
Russell Jno. Cutlery Co. (Carvers, Table Cutlery, etc), Turners Falls, Mass.
Schatt & Morgan Cutlery Co. (Pocket Knives), Titusville, Pa.
Schnefel Bros., 684 S 17th, Newark, N. J.
Schrade Cutlery Co. (Pocket Knives), Walden, N. Y.
Shelton Tool & Machine Co. (Electro Silver Plated Table Cutlery), Shelton, Conn.
Silberstein A. J., 600 W 157th st, New York
Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
Sperry & Alexander Co. ("Centaur," Pocket Knives, etc, Also Importers), 79 Chambers, New York
Thomaston Knife Co. (Pocket Knives), Thomaston, Conn.
Tuck Mfg. Co. (Shoe & Banana Knives, etc), Brockton, Mass.
Union Cutlery Co. (Razors, Pocket Knives, etc), Olean, N. Y.
Ulery, N. J. Co. (Scissors, Shears, Pocket Knives, Razors, Tool Kits & Manicure Goods), 258 B'way, New York
United States Cutlery Co., Fremont, O.
Valley Forge Cutlery Co. (Pocket Knives), 101 Duane, New York
Walden Knife Co. (Press-Button Pocket Knives), Walden, N. Y.
Wallace R. & Sons Mfg. Co. (Silver Plated Table Cutlery, etc), Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Western States Cutlery & Mfg. Co., Boulder, Colo.
White Ira F. & Son Co., Bloomfield, N. J.
Williams Bros. Mfg. Co. (Silver Plated Table Cutlery, etc), Glastonbury, Conn.
Wiss J. & Sons Co. (Shears, Scissors, Razors, etc), 31 Littleton av, Newark, N. J.
Witte, Alexis Cutlery Co. (Razors & Scissors), 36 Erasmus, Brooklyn, N. Y.
Woodworth Knife Works, Nunda, N. Y.

3523— Cut-Offs (Rain Water)

Berger Mfg. Co., Canton, O.
Conductor Fitting Co. ("Crary's"), Marietta, O.
EDWARDS MFG. CO., 545-565 Egleston av, Cincinnati, O. *See adv index at end of book*
Eller Mfg. Co., Canton, O.
Klauer Mfg. Co. ("Perfection"), Dubuque, Ia.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Sullivan-Geiger Co. ("Centennial"), Indianapolis, Ind.
Whitaker-Glessner Co., Wheeling, W. Va.
Young Mfg. Co. ("Young"), Bellevue, Ia.

3524— Cut-Outs (Arc Light)

Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co. ("Bryant-Cleveland"), Bridgeport, Conn.
Cutter Geo. Co. (Automatic Electric), South Bend, Ind.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Philadelphia Electrical & Mfg. Co. ("Phila." Absolute), 1236 N 31st, Phila., Pa.
Troy Electrical Co. ("Powers"), Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3525— Cut-Outs (Battery)

Arrow Electric Co. ("Arrow" Electric Plug), Hartford, Conn.
Electric Goods Mfg. Co. (Automatic Sectional), Canton, Mass.

3525a— Cut-Outs (Fuse)

CHICAGO FUSE MFG. CO. ("Union"), Lafiin & 15th, Chicago, Ill. *See adv index at end of book*
D. & W. Fuse Co., Hathaway, Providence, R. I.
ECONOMY FUSE & MFG. CO., Greenview av at Diversey Parkway, Chicago, Ill. *See adv index at end of book*
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Hart & Hegeman Mfg. Co., 342 Capital av, Hartford, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Multi Electrical Mfg. Co. ("Multi" Cartridge), 703 Fulton, Chicago, Ill.
Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.

3526—Cut-Outs (Incandescent)

(Rosettes & Branch Blocks)

Adam Frank Elec. Co., 914 Pine, St. Louis, Mo
Barkelew Elec. Mfg.. Co., Middletown, O.
Bryant Electric Co., Bridgeport, Conn.
C. & P. Elec. Wks, Springfield, Mass.
CHICAGO FUSE MFG. CO., Lafiin & 15th Chicago, Ill. *See adv index at end of book*
Condit Elec'l Mfg. Co., 1st & L, Boston, Mass.
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Crouse, Hinds Co. ("Norbitt"), Syracuse, N. Y.
Cutter Geo. Co. (Fuse Blocks), S. Bend, Ind.
Dale Lighting Fixture Co., 107 W 13th, New York
Foote, Pierson & Co. (Telephone Storage Battery), 160 Duane, New York
Freeman E. H. Elec. Co., Trenton, N. J.
GENERAL ELECTRIC CO. (Arc & Incandescent, Enclosed Fuse), Schenectady, N. Y. *See adv index at end of book*
Heinemann Geo (Plug & Pane), 728 W Girard av, Phila., Pa.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Metropolitan Engineering Co., 1250 Atlantic av, Brooklyn, N. Y.
Paiste H. T. Co. ("Shaffer," "K. W.," "P. K.," "Taplets"), 3201 Arch, Phila., Pa.
Sears Henry D. ("Weber" Plug), 80 Boylston, Boston, Mass.
Tregoning Electric Mfg. Co., Cleveland, O.
Trumbull Electric Mfg. Co. ("Kappa"), Plainville, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Worcester Electric & Mfg. Co., Worcester, Mass.

Cut-Outs (Rain Water)

See Cut-Offs, Rain Water

3527— Cut-Outs (Telephone)

Johns-Manville Inc., Madison av & 41st, New York
Lafayette Electric & Mfg. Co., Lafayette, Ind.

3528—Cut-Outs (Transformer)

Bryant Electric Co., Bridgeport, Conn.
Condit Elec'l Mfg. Co., 1st & L, Boston, Mass.

CUT-OUTS (TRANSFORMER)—continued
D & W Fuse Co. (& Junction, Oil Fuse Cut-Outs), Hathaway, Providence, R. I.
Delta-Star Electric Co. (High Voltage), 2437 Fulton, Chicago, Ill.
Johns-Manville Inc., Madison av & 41st, New York
Metropolitan Engrg. Co., 1250 Atlantic av, Brooklyn, N. Y.
Pass & Seymour ("P. & S."), Solvay, N. Y.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Schweitzer & Conrad, 4431 Ravenswood, Chicago, Ill.
Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.
See adv index at end of book

3529— Cutters (Alfalfa)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Letz Mfg. Co., Crown Point, Ind.
Ross E. W. Co., Springfield, O.
Smalley Mfg. Co., Manitowoc, Wis.
Stearns E. C. & Co. ("New Model"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. & Engine Co., Freeport, Ill.
Wilder-Strong Implement Co. ("No. 6"). Monroe, Mich.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book

Cutters (Angle Iron)

See Angle-Iron Cutting Machines, Hand Power

3530— Cutters (Angular)

Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Clough R. M., Tolland, Conn.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford, Ill.
Lincoln Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Surerus & Greenhill, 502 W Division, Chicago, Ill.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

3531—Cutters (Arc Lamp Carbon)

Atlas Electric Devices Co., 128 S. Clinton, Chicago, Ill.
Lundin Elec. & Machine Co., 10 Thatcher, Boston, Mass.

3532— Cutters (Axle)

Butterfield & Co., Derby Line, Vt.
Keller Mfg. Co. ("Keller"), 1325 N. E. Quincy, Minneapolis, Minn.

Cutters (Belt)

See Belt Cutting Machines

3533—Cutters (Board Matcher)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

Cutters (Boiler Tube)

See Cutters, Flue

Cutters (Bolt)

See Bolt Cutting Machines; also Clippers, Bolt & Rivet

Cutters (Bone)

See Mills, Bone & Shell

3534— Cutters (Bread)

See also Slicing Machines, Bread & Meat
Buffalo Specialty Co. ("Lightning"), 375 Ellicott, Buffalo, N. Y.
Fisher Adam Mfg. Co., 3624 Enright, St. Louis, Mo.
Sharp L. C. Mfg. Co. ("Hydraulic"), Plattsmouth, Neb.
Smith's John E. Sons Co., Buffalo, N. Y.
Thurnauer G. M. Co., 6 E 20th, New York

3535—Cutters (Brick & Drain Tile)

Arnold-Creager Co., New London, O.
Bonnot Company (Revolving), Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Cox R. E. (Mrs. G. S.), East Liverpool, O.
Freese E. M. & Co. (Automatic Brick), Galion, O.
Hadfield-Penfield Steel Co. (The) (Automatic), Bucyrus, O.
See adv index at end of book
Marion Machine Foundry & Supply Co., Marion, Ind.

3536— Cutters (Broom)

Walrath Alphonso Co. ("Hurt"), Fort Plain, N. Y.
Wicaco Screw & Mach. Wks., 4801 H Stenton av, Phila., Pa.

3537— Cutters (Butter)

See also Butter Cutting & Printing Machines
Chain Products Co., 3924 Cooper av, Cleveland, O.
Smith's John E. Sons Co. (Butter Dispensing Machines), 50 B'way, Buffalo, N. Y.
Standard Butter Cutter Co., 244 Greenwich, New York

3538— Cutters (Button Hole)

Compton W. H. Snear Co. ("Compton"), 314 Camden, Newark, N. J.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
National Cutlery Co. ("National"), Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co. ("Bauers"), 31 Littleton av, Newark, N. J.

Cutters (Cabbage Core, Etc.)

See Corers, Cabbage

3539— Cutters (Cake)

Central Stamping Co. (& Doughnut), 172 Fulton, New York
Getz M. & Co., 162 First, San Francisco, Cal.
National Enameling & Stamping Co. (Plain & Fancy), 411 5th av, New York
Triumph Mfg. Co. (Droppers), Cincinnati, Ohio

3540—Cutters (Canada Thistle)

Gaterman Mfg. Co., Manitowoc, Wis.

Cutters (Card)

See Card Cutting Machines

3541—Cutters (Carving Machine)

Redin John E., Rockford, Ill.
Porter C. O. Machinery Co., 666 Front av, N. W., Grand Rapids, Mich.
Valley City Machine Works, Grand Rapids, Mich.

3542—Cutters (Cast Iron Pipe)

Rodefeld Mfg. Co., Richmond, Ind.
Smith A. P. Mfg. Co., East Orange, N. J.
Walworth Mfg. Co. ("Hall"), Boston, Mass.

3543— Cutters (Cheese)

American Computing Co. ("Perfection" Computing), Indianapolis, Ind.
Anderson Computing Scale Co. (Computing), Anderson Ind.
Computing Cheese Cutter Co. ("Safe," Computing), Anderson, Ind.
Ideal Mfg. Co. (Computing), Anderson, Ind.
Lourie Mfg. Co., The, Springfield, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Standard Mfg. Co., Auburn, Ind.
Stortz John & Son (Revolving Table), 210 Vine, Phila., Pa.

3544— Cutters (Cigar)

Bates & Bacon, Attleboro, Mass.
Bedortha Bros., Windsor, Conn.
Brunhoff Mfg. Co. (Cutter & Lighter Combined), 9th & Freeman, Cincinnati, O.
Crescent Mfg. Co., Fremont, O.
Dean & Williams Co. ("Zip"), 4317 Elston av, Chicago, Ill.
Dolphin Cutlery Co., 3 W 29th, New York
Emrich Phil, 824 Main, Cincinnati, Ohio
Havell Mfg. Co., 284 Washington, Newark, N. J.
Individual Key Ring Co., Hartford, Conn.
K. & O. Co., 366 Butler, B'klyn, N. Y.
King Klip Co., 1328 B'way, New York
Levy Robt. Co., 119 Sussex, Newark, N. J.
Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
Taylor Mfg. Co., Hartford, Conn.

3544a—*Cutters (Circular Cork or Paper)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Cutters (Cloth)

See Cutting Machines, Cloth

3545— Cutters (Clover)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Belcher & Taylor Agricultural Tool Co. ("Chicken"), Chicopee Falls, Mass.
Freeman Mfg. Co., Racine, Wis.
Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
Humphey & Sons, Joliet, Ill.
Mann F. W. Co., Milford, Mass.
Ross E. W. Co., Springfield, O.
Silver Mfg. Co. ("New Model"), No. 256 Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Stearns E. C. Co. ("New Model"), 450 Oneida, Syracuse, N. Y.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book

Cutters (Convex & Concave)

See Cutters, Milling

3546—Cutters (Corner Rounding)

Barber-Colman Co., Rockford, Ill.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Union Twist Drill Co., Athol, Mass.

3547—Cutters (Drawer Construction)

Redin, Ekstrom & Co. ("Rockford" for Tenoning Machines), Rockford, Ill.

3548— Cutters (Dredge)

Norbom Engineering Co. (For Hydraulic Dredges), Denckla bldg, Phila., Pa.

3549— Cutters (Ear Corn)

Fleming & Sons Mfg. Co., Huntsville, Mo.
Jaschke Edw., Bellevue, O.
Sandwich Mfg. Co. ("Dean"), Sandwich Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Voss Bros. Mfg. Co. ("Little Giant"), Davenport, Ia.

3550—Cutters (Emery Wheel Dresser)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Calder Geo. H., Lancaster, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.

3551— Cutters (Ensilage)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Ames Plow Co. ("Dr. Balleys"), Quincy Hall, Boston, Mass.
Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
Associated Manufacturers' Co., Waterloo, Iowa
Automatic Carrier Co. ("A. C. Co."), Juneau, Wis.
Batavia Machine Co., Batavia, N. Y.
Belcher & Taylor Agricultural Tool Co., ("Baldwin," "Gale-Baldwin," "Lion"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Conner J. W. & Son (Cutter & Swivel Carrier), Orangeville, Pa.
Daniels Machine Co., S Royalton, Vt.
Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
Doylestown Agricultural Co. ("Advance," Pneumatic), Doylestown, Pa.
Eagle Mfg. Co., Appletown, Wis.
Ellis Keystone Agricultural Works ("Keystone"), Pottstown, Pa.
N. Y.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster & Williams Mfg. Co. ("Victor"), Racine, Wis.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
Globe Foundry & Machine Co., Sheboygan, Wis.
Gould Balance Valve Co. ("Iowa"), Kellogg, Ia.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Heebner & Sons ("Union"), Lansdale, Pa.
Illinois Silo & Tractor Co., Bloomington, Ill.
International Harvester Company of America (Inc.), (International), Harvester bldg, Chicago, Ill.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Lyon Iron Works ("Triumph"), Greene, N. Y.

Messenger Mfg. Co. ("Empire"), Tatamy, Pa.
Papec Machine Co., Shortsville, N. Y.
Plymouth Fdry & Machine Co., Plymouth, Wis.
Rosenthal Corn Husker Co. ("Rosenthal"), West Allis, Milwaukee, Wis.
Ross E. W. Co. ("Ross"), Springfield, O.
Rowell I. B. Co. (With Chain Elevator or Blower), Waukesha, Wis.
Rumeley Leo Tractor Co. ("Advance"), La Porte, Ind.
Silver Mfg. Co. ("Ohio," "Ohio Standard," "Blower," "Monarch," "Light Draft," "Carrier" Power), No. 256 Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Stover Mfg. & Engine Co., Freeport, Ill.
Swayne-Robinson & Co. ("Money-Maker"), Richmond, Ind.
U. S. Wind Engine & Pump Co. ("I. X. L."), Batavia, Ill.
Warsaw-Wilkinson Co. ("Climax," "Empire State," "Rex," "Wyoming"), Warsaw, N. Y.
Wilder-Strong Implement Co. ("America," "Swiss"), Monroe, Mich.

3552—Cutters (Face Milling)

Barber-Colman Co., Rockford, Ill.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford, Ill.
Morse Twist Drill & Machine Co. ("Morse," with Inserted Teeth), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3553— Cutters (Feed)

See also Cutters, Alfalfa; also Cutters, Fodder

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Albright Jas. H. & Sons, Mifflinburg, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ann Arbor Machine Co. ("Cummings"), Ann Arbor, Mich.
Appleton Mfg. Co., Batavia, Ill.
Babcock Mfg. Co. ("Ostego"), Leonardsville, N. Y.
Belcher & Taylor Agricultural Tool Co. ("Chicken," "Baldwin," "New York," "Nonesuch," "Union," "Victor," "Gale Jr.," "Hide Roll," "Lion," "Self-Sharpening"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Buch's A. Sons Co. ("Buch," "Lighthouse," "Nobby," "Pennsylvania"), Elizabethtown, Pa.
Cardwell Machine Co. ("Smith"), 1900 E Cary, Richmond, Va.
Challenge Co., Batavia, Ill.
Conner J. W. & Son ("Daisy" Cutter & Crusher), Orangeville, Pa.
Dick Jos. Mfg. Co. ("Alpine," "Dick's" Lever, "Famous"), Canton, O.
Donaldson Bros. ("King"), Mount Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Eddy W. Plow Co. ("Dandy," "Eddy," Yankee"), Greenwich, N. Y.
Ellis Keystone Agricultural Works ("Keystone" Ensilage & Feed Cutter), Pottstown, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co., Ltd. ("Clipper"), York, Pa.
Foster & Williams Mfg. Co., Racine, Wis.
Freeman Mfg. Co. (Hand & Power), Racine, Wis.
Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
Glascock Stove & Mfg. Co. ("Smith" Lever), Greensboro, N. C.
Globe (With or Without Blower Elevator), Sheboygan, Wis.
Gowanda Agricultural Works ("Gowanda," "Star," "Hand"), Gowanda, N. Y.
Greenville Implement Co., Greenville, Mich.
Hamachek Frank ("Giant," "Ideal"), Kewaunee, Wis.
Hamburg Plow Works ("Handy"), Hamburg, Pa.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Heebner & Sons ("Union"), Lansdale, Pa.
Heller-Aller Co. ("Heller"), Napoleon, O.
Hench & Dromgold Co. (Hand & Power, "Superior"), York, Pa.
Hocking Valley Mfg. Co. ("Boss," "Kokosing," "Hocking Valley," "Geneva"), Lancaster, O.
Keystone Machine Co. (Hand or Power), York, Pa.
Lehr Agricultural Co. ("Monarch"), Fremont, O.
Lyon Iron Works ("Triumph"), Greene, N. Y.
Messinger Mfg. Co. (Hand & Power), Tatamy, Pa.
Moore Plow & Implement Co., Greenville, Mich.
Mountville Mfg. Co. ("Triumph"), Mountville, Pa.
Papec Machine Co., Shortsville, N. Y.
Parlin & Orendorff Co., Canton, Ill.
Perkins Wind Mill Co., Mishawaka, Ind.
Ross E. W. Co. ("Ross"), Springfield, O.
Ross - Meehan Foundries, Chattanooga, Tenn.
Rowell I. B. Co. ("Rowell"). Waukesha, Wis.
Silver Mfg. Co. ("Ohio," "Pony," Hand & Power "Plantation"), N. 256, Salem, O.
Smalley Mfg. Co. (Electric), Manitowoc, Wis.
Smith D. B. & Co. (Hay), Utica, N. Y.
Star Mfg. Co., Carpentersville, Ill.
Tanner D. F. ("Tanner," "Special"), Holland, N. Y.
Thornburgh Mfg. Co. ("New No. 8," "Peerless" Hand Lever), Bowling Green, O.
Warsaw-Wilkinson Co. ("Climax," "Rex," "Wyoming"), Warsaw, N. Y.
Wausau Foundry & Machine Co., Wausau, Wis.
Wayne Works, Richmond, Ind.
White's S. R. Sons ("Smith," "Defender"), Norfolk, Va.
Wilder-Strong Implement Co. ("Comet," "Swiss," "Whirlwind"), Monroe, Mich.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book
Wodsedalak Jos., Algoma, Wis.

3554— Cutters (Flue)

See also Pneumatic Flue Cutters

Borden Co., The, Warren, O.
Clark Equipt. Co., Buchanan, Mich.
Faessler J. Mfg. Co. ("Perfect"), Moberly, Mo.
Fox Machine Co. (Tube), Jackson, Mich.
Lagonda Mfg. Co. ("Lagonda"), Springfield, O.
Lovejoy Tool Works (Hole), 319 W Ohio, Chicago, Ill.
See adv index at end of book
McCrea Jas. & Co. ("Wernicke"), 562 W. Washington, Chicago, Ill.
Milburn Alexander Co., 1428 W Baltimore, Baltimore, Md.
Mooney & Baumann (Hole) 159 Linwood, Brooklyn, N. Y.
Columbia Chuck & Tool Co. ("O'Neill"), 140 S Dearborn, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Redington F. B. Co. ("American"), 112 S Sangamon, Chicago, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Skinner M. B. Co. ("Wernicke"), 562 W Washington, Chicago, Ill.
Wiedeke Gustav & Co. ("Wiedeke," "Ideal" & "Dayton" Self-Feed), Dayton, O.

3555— Cutters (Fodder)

Ann Arbor Machine Co. ("Ann Arbor," "Cummings"), Ann Arbor, Mich.
Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
Belcher & Taylor Agricultural Tool Co. "Baldwin," "Gale-Baldwin"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Challenge Co., Batavia, Ill.
Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
Doylestown Agricultural Co. ("Advance," "Doylstown"), Doylestown, Pa.
Eagle Mfg. Co. ("Eagle"), Appleton, Wis.
Ellis Keystone Agricultural Works ("Keystone" with Crusher Attachment), Pottstown, Pa.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison W. R. & Co., Massillon, O.
Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
Lyon Iron Works ("Triumph"), Greene, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Mountville Mfg. Co., Mountville, Pa.
Papec Machine Co., Shortsville, N. Y.
Plymouth Fdry. & Machine Co., Plymouth, Wis.
Ross E. W. Co. ("Ross"), Springfield, O.
Silver Mfg. Co. ("Ohio"), No. 256, Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Warsaw-Wilkinson Co. ("Empire State"). Warsaw, N. Y.
Wilder-Strong Implement Co. ("America," "Raisin Valley," "Swiss"), Monroe, Mich.

Cutters (Food)

See Choppers, Meat & Food

3556—Cutters (Formed Milling)

Barber-Colman Co., Rockford, Ill.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio
Cowles Tool Co., 2086 W 118th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Gale-Sawyer, 36 Oliver, Boston, Mass.
Morse Twist Drill & Machine Co ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3556a— Cutters (Fuse)

Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del.

3557— Cutters (Gang)

Becker Milling Machine Co., Hyde Park, Mass.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland Ohio.
Detroit Twist Drill Co., Cleveland, O.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford Ill.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
National Tool Co. ("National-Cleveland"), Cleveland, O. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Surerus & Greenhill, 502 W Division, Chicago, Ill.
Union Twist Drill Co., Athol, Mass.

3558—Cutters (Gauge Glass)

Chesterton A. W. Co. ("Chesterton," "Boston"), 64 India, Boston, Mass.
Goodell-Pratt Co., Greenfield, Mass.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Monce S. G., Unionville, Conn.
Newark Brush & Scraper Co. ("Newark"), 266 Fabyan pl, Newark, N. J.
Pancoast Hy. B. Co. ("Simplex"), 950 N Front, Phila., Pa.
Rogers H. A. Co. ("Favorite"), 87 Walker, New York. *See adv index at end of book*
Skinner & Connolly ("Skinner's"), Yonkers, N. Y.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261H B'way, New York & 130H Colt, Irvington, N. J
See adv index at end of book
Wilkins G. H. ("Wilkins"), 180 N. Market, Chicago, Ill.

3559— Cutters (Gear)

For Gear Cutting Machines, see Machinery

Barber-Colman Co., Rockford, Ill.
Bilton Machine Tool Co. (The), ("Bilton" Gear Millers), Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio.
Clough R. M., Tolland, Conn.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Union Twist Drill Co., Athol, Mass.
WALRAVEN CO., 36-38 W. Alabama, Atlanta, Ga.
See adv index at end of book

3559a— Cutters (Glass)

Barrett W. L. ("Standard," Steel Wheel), Bristol, Conn.
Bullock Mfg. Associates, Springfield, Mass.
Browne & Dowd Mfg. Co. ("Favorite" Rolling Steel Wheel, etc), Meriden, Conn.
Crescent Co., Inc. ("Crescent"), Meriden, Conn.
Fletcher, Terry Co. ("Leader," "Champion," "Favorite," "Handy," Interchangeable & Standard Styles, Steel Wheel), Forestville, Conn.
Goodell Tool Co. (Circular), Shelburne Falls, Mass.
Goodell-Pratt Co. (With Turret Head), Greenfield, Mass.
Hart H. C. Mfg. Co. ("King of Cutters," "Perfect"), Unionville, Conn.
Irvington Mfg. Co., Irvington, N. J.
Karelsen E. (Diamond), 68 Nassau, New York


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CUTTERS (GLASS)—continued

Miller J. E. & Co. ("Trojan," "Krac-a-Jac," "Favorite"), 330 W Kinzie, Chicago, Ill.
Millers Falls Co. ("Monitor," Steel Wheel), 28 Warren, New York
Monce S. G. ("Monce" Steel Wheel), Unionville, Conn.
New England Novelty Works ("Woodward," Steel Wheel), Hill, N. H.
Pritchard Stamping Co., Rochester, N. Y.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sinez Philip Co. & Diamond, 300 Hanover, Baltimore, Md.
SMITH & HEMENWAY CO. ("Red-Devil"), 261H B'way, New York, and 130H Colt, Irvington, N. J.
See adv index at end of book
Trojan Glass Cutter Works, 330 W Kinzie, Chicago, Ill.

Cutters (Glass Tube)

See Cutters, Gauge Glass

3559b— *Cutters (Green Bone)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
WILSON BROS. ("Crown," "Daisy" Hand & Power), Easton, Pa.
See adv index at end of book

3560— Cutters (Gummer)

See also Gummers, Saw

Ajax Mfg. Co. (Solid for Saw & Stone Gummers), Pittsburgh, Pa.
Atkins E. C. & Co., Indianapolis, Ind.
Butterfield & Co., Derby Line, Vt.
Mixter J. W. Saw Tool Co., Plymouth, Mass.

3561— Cutters (Gun Wad)

Kraeuter & Co., 533 18th av, Newark, N. J.
Union Hardware Co., Torrington, Conn.

3562-3—Cutters (Hand Hole)

Chase Turbine Mfg. Co., Orange, Mass.

Cutters (Hog Nose)

See Ringers, Hog

3564— Cutters (Interlocking)

Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cleveland Cutter & Reamer Co., 1619 Merwin av, Cleveland, Ohio
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Federal Adding Machine Corp., 251 4th av, New York
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford, Ill.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO., ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
Standard Tool Co., 6700 Central av, Cleveland, O.

3565— Cutters (Involute)

Barber Colman Co., Rockford, Ill.
Cleveland Cutter & Reamer Co., 1619 Merwin av, Cleveland, Ohio
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO., ("National-Cleveland"), Cleveland, O.
See adv index at end of book

Pratt & Whitney Co. (Gear), Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co. (Gear), Athol, Mass.

3566—Cutters (Iron Bar & Rod)

See also Cutters, Rod & Wire

Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co. (Angle Iron Power & Hand), 480 B'way, Buffalo, N. Y.
Burgess Machine Co., 43-45 Chestnut, New Haven, Conn.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Concrete Steel Co., 42 Broadway, New York
Mersick C. S. & Co., New Haven, Conn.
Rock River Machine Co., Janesville, Wis.
Tucker W. B. & C. F. ("Hercules"), 516 Asylum, Hartford, Conn.

3566a—Cutters (Iron Sheet, Bar & Rod)

Tucker W. B. & C. F. ("Hercules"), 516 Asylum, Hartford, Conn.

3566b—*Cutters (Key Way)

See also Key Seating Machines; also Milling Machines

VELCO MFG. COMPANY, INC. ("Broachwell"), 305 Wells, Greenfield, Mass.
See adv index at end of book

3567—Cutters (Key-Seating & Slotting)

Brown & Sharpe Mfg. Co. (Woodruff Keyseat), Providence, R. I.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Fastfeed Drill & Tool Corp., Toledo, Ohio
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford, Ill.
National Machine Tool Co., Cincinnati, O.
Pfanstiehl Co., No. Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
VELCO MFG. COMPANY, INC. ("Broachwell"), 305 Wells, Greenfield, Mass.
See adv index at end of book
Whitney Mfg. Co. ("Whitney for Woodruff System), Hartford, Conn.

3568—Cutters (Kraut, Slaw, Etc.)

Chapman-Sargent Co. ("Shaw" Adjustable Knives), Perrysburg, O.
Disston Henry & Sons, Inc., Tacony, Philadelphia, Pa.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich
Kelso & Co., 559 W Quincy, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
National Saw Co., Newark, N. J.
Smith's Jno. E. Sons Co. ("Buffalo," Hand or Power), Buffalo, N. Y.
Thompson O. E. & Sons (Hand), Ypsilanti, Mich.
Thurnauer G. M. Co., 6 E 20th, New York
Tucker & Dorsey Mfg. Co. ("Indianapolis Sanitary," "T. & D. Special" & "Queen"), Indianapolis, Ind.

3569—Cutters (Lace Leather)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Greene, Tweed & Co. ("Earle"), 109 Duane, New York
Manufacturers Belt Hook Co. ("Elliott"), 1321 W Congress, Chicago, Ill.

3570— Cutters (Lap)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

3571— Cutters (Lead Pipe)

Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
Saunders D. Sons, Yonkers, N. Y.
Vanderman Mfg. Co., Willimantic, Conn.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

3572—Cutters (Lock Corner Box)

Beck Chas. Machine Co., 607 Chestnut, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book.*

Cutters (Meat)

See Choppers, Meat

Cutters (Metal Slitting)

See Gang Slitting Machines

3573— Cutters (Milling)

See also Cutters, Plain Milling; also Cutters, Screw Slotting; also Cutters, Side Milling; also Cutters Milling, Inserted Teeth

Advance Machinery Co., Van Wert, Ohio
Allen Wrench & Tool Co., 189 Public, Providence, R. I.
American Machine Products Co., 18th & Howard, Detroit, Mich.
Am. Twist Drill & Tool Co. (High Speed), W Jefferson av at 21st, Detroit, Mich.
Anderson Die Machine Co. ("Anderson," Super-Helical), 544 Iraniston av. Bridgeport, Conn.
Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Bilton Machine Tool Co., (The "Bilton"), Bridgeport, Conn.
Blancke A. C. & Co. (High Speed & Carbon), 602 S Lake, Chicago, Ill.
Bliss A. H. Co. (High Speed), North Attleboro, Mass.
Bridgeport Cutter Co., Inc., Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R.I.
Chicago Tool Reclaiming Co., 174 W Austin av, Chicago, Ill.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Clough R. M. (Also Gear), Tolland, Conn.
Cowles Tool Co., 2086 W 10th, Cleveland, O.
Cruban Machine & Steel Corp, 63 Duane, New York
Davidson Tool Mfg. Co., 122 Maiden Lane, New York City
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. (Plain & Side), 555 Fort, Detroit, Mich.
See adv index at end of book
Federal Adding Machine Corp., 251 4th av, New York
Gale Sawyer Co., 36 Oliver, Boston, Mass.
Garvin Machine Co., 147 Varick, New York.
Goddard & Goddard, 4724H Hastings, Detroit, Mich.
Hanscom Cutter Works, 1297 River H P, Boston, Mass.
Indianapolis Tool & Mfg. Co. (Formed), Indianapolis, Ind.
Ingersoll Milling Machine Co., Rockford, Ill.
International Machine Tool Co., Society for Savings bldg, Cleveland, O.
Lincoln Twist Drill Co., Taunton, Mass.
Madison Mfg. Co., Spring & Elton, Muskegon, Mich.

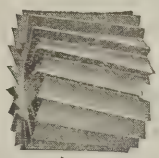





National-Cleveland Milling Cutters

For Every Requirement

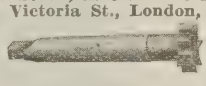
We manufacture Plain Milling Cutters, Side Milling Cutters, Metal Slitting Saws, Angular Cutters, End Mills, Inserted Tooth Milling Cutters, Gear Cutters, Formed Cutters Cutters of High Speed Steel and Carbon Steel of every description. Spur, Worm and Thread Hobs.



NATIONAL TOOL COMPANY

CLEVELAND, OHIO

Detroit Office and Stock, 610 Sun Building. New York Office, 36 Murray St.
Chicago Sales Room and Stock, 25 S. Jefferson St.
Philadelphia Office and Stock, 1215 Filbert St.
European Office: National Tool Co., 139 Queen Victoria St., London, E. C., 4


Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("Morse" for Mitre & Bevel Gears), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), (Nicked Tooth, Plain, Face, etc), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Britain Tool & Mfg. Co., New Britain, Conn.
Oesterlein Machine Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
Security Tool Works, 115 S Clinton, Chicago, Ill.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
Superior Die, Tool & Machine Co., Columbus, O.
Surerus & Greenhill ("Eynon's"), 502 W Division, Chicago, Ill.
Tabor Mfg. Co. ("Taylor-Newbold" High Speed Steel), 18th & Hamilton, Philadelphia, Pa.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Tindel Morris Co., Eddystone, Pa.
TOOL SALVAGE CO. (Re-Cut), 407 Fort E, Detroit, Mich.
Union Twist Drill Co. (Nicked Tooth), Athol, Mass.
Up-To-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av, N. Y.
Watervliet Tool Co., Inc. (Carbon High Speed), Albany, N. Y.
Windau Tool Co., 1565 E 17th, Cleveland, Ohio

3574—Cutters (Milling, Inserted Tooth)

Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R.I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cleveland Power Transmission Co., 828 Garfield bldg., Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Goddard & Goddard, 4724H Hastings, Detroit, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ingersoll Milling Machine Co., Rockford, Ill.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Moback Tool & Machine Mfg. Co. ("Moback"), 330 Atlantic av, Boston, Mass.
Morse Twist Drill & Machine Co. ("Morse" Face & Side Milling), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Oesterlein Machine Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
Tabor Mfg. Co. (For Planing Metal), 18th & Hamilton, Phila., Pa.
Tindel Morris Co., Eddystone, Pa.
Union Twist Drill Co., Athol, Mass.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av, N. Y.
Up-To-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book

3575-6— Cutters (Moulding)

Moss Arthur J., 178 Centre, New York
Oldham New York Saw Wks., Inc., 112 26th, Brooklyn, N. Y.
Redin, Ekstrom & Co., Rockford, Ill.

3577—Cutters (Paper, Hand)

Amer. Specialty Co. ("Premium"), Dept. H, Bridgeport, Conn.
Balman E. O. Mfg. Co., Grand Rapids, Mich.
Champion Cutter & Furniture Co., Piqua, Ohio
Cutter Mfg. Co. ("Wright" Parchment Cutters), Orient av, Everett Station, Boston, Mass.
Pease C. F. Co. ("Perfection"), 820 N Franklin, Chicago, Ill.
See adv index at end of book
Rose Jos. & Co., Irvington, N. J.
Tiley, Pratt Co. (Bone), Essex, Conn.

3578— Cutters (Pinion)

Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Sloan & Chace Mfg. Co. (Atoumatic), 351 6th av. Newark. N. J.
Wade-American Tool Co., 311 Atlantic av, Boston, Mass.

3579— Cutters (Pipe)

Borden Co., The ("Beaver"), Warren, Ohio
Continental Supply Co., 1139 Olive, St Louis, Mo.
Crockett Wm. P. Co., 411 S Jefferson, Chicago, Ill.
Mechanicville Specialty Supply Mfg. Co (automatic), Mechanicville, N. Y.

3580— Cutters (Pipe, Hand)

For Power see Pipe Cutting & Threading Machines

Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Ayres & Co. ("Saunders" Pattern), 1812 Ellen, Chicago, Ill.
Barnes Tool Co. ("Barnes" "Genuine" "Saunders" Pattern), New Haven, Conn.
Brown H. B. Co., East Hampton, Conn.
Butterfield & Co., Derby Line, Vt.
Collmer Bros ("Saunders' Pattern"), So. Bend, Ind.
Cook August D. (Inside), Lawrenceburg, Ind.
Crown Die & Tool Co. ("Crown"), 553 W Monroe, Chicago, Ill.
Curtis & Curtis Co., Bridgeport, Conn.
Erie Tool Works, Erie, Pa.
Fox Machine Co., Jackson, Mich.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Mark Mfg. Co., Evanston, Ill.
Mechanicville Specialty Supply Mfg. Co. ("J. R. S. Easy" Soil Pipe), Mechanicsville, N. Y.
Murchey Mach. & Tool Co. ("Murchey" Rapid Roller Pipe Cutter Power), 951H Porter, Detroit, Mich.
Oswego Tool Co. ("Saunders Pattern," "Barnes" Improved Three Wheel), Oswego, N. Y.
Reed Mfg. Co., Erie, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Saunders D. Sons, Yonkers, N. Y.
Smith A. P. Mfg. Co., East Orange, N. J.
Superior Tool Co. ("Du Charme" Combination Roller Chain), Cambridge, O.
Toledo Pipe Threading Machine Co. ("Vosper" & "Toledo"), 1440 Summit, Toledo, Ohio
TRIMONT MFG. CO. ("Trimo"), 55 Amory, Boston, Mass.
Vanderman Mfg. Co. (Four Wheel), Willimantic, Conn.
Walworth Mfg. Co. ("Walworth" Three Wheel), Boston, Mass.

3581—Cutters (Plain Milling)

Am. Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Fastfield Drill & Tool Corp., Toledo, Ohio. & 21 Murray, New York.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Goddard & Goddard, 4724H Hastings, Detroit, Mich.
NATIONAL TOOL CO. ("National Cleveland"), Cleveland, O
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Thruston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Up-to-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book

Cutters (Pneumatic Stay-Bolt)

See Pneumatic Stay-Bolt Cutters

Cutters (Porcelain Tube)

See Cutters, Arc Lamp Carbon

3582— Cutters (Potato)

See also Cutters, Vegetable

Aspinwall Mfg. Co., Jackson, Mich.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.
Dowden Mfg. Co., Ltd., Prairie City, Ia.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Pugh Mfg. Co. ("Gem," "Pugh"), Topeka, Kan.
Smith's John E. Sons Co., 50H B'way, Buffalo, N. Y.
Streeter N. R. & Co., Rochester, N. Y.

3583— Cutters (Potato Chips)

Smith's Jno. E. Sons Co., Buffalo, N. Y.
Streeter N. R. & Co., Rochester, N. Y.

3584— Cutters (Potato Seed)

Aspinwall Mfg. Co., Jackson, Mich.
Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.
Dowden Mfg. Co. Ltd., Prairie City, Ia.
Fetzer & Co., Springfield, Ill.

3585— Cutters (Rack)

See also Gear Cutting Machinery

Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.

3586-7—Cutters (Radial Duplex)

Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Union Twist Drill Co., Athol, Mass.

3588—Cutters (Rod & Wire)

Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.
Belden Machine Co., New Haven, Conn.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.
Crescent Tool Co. ("Crescent" Wire Cutter), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. ("Cronk" Wire Cutter & Bender, Hand Only), 150 Lake, Elmira, N. Y.
See adv index at end of book

No. 1 Cronk Wire Cutter and Binder



The Cronk & Carrier Mfg. Co.
150 Lake Street Elmira, N. Y.

Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Porter H. K. ("Boston" Electric Wire, Hand), 6 Ashland, Everett, Mass.
Robinson M. W. Co. ("Carew's" Patent, Forged Steel), 296 B'way, New York
Rock River Machine Co., Janesville, Wis.
Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.
Union Mfg. Co. (Combined Punch & Rod Cutter), 300 Church, New Britain, Conn.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

3589— Cutters (Roll Paper)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Champion Paper Cutter Co., Piqua, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Hilts Wrench & Mfg. Co. ("New York," "Eclipse" & "Reversible"), Richford, N. Y.
Reed Evan L. Mfg. Co., Sterling, Ill.
Streeter N. R. & Co. ("Sensible Giant"), Rochester, N. Y.

3590— Cutters (Root)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Belcher & Taylor Agricultural Tool Co. ("Champion," "Farmers'," "Gale," "Whitman"), Chicopee Falls, Mass.
Buch's A. Sons Co. ("Buch," "Pennsylvania"), Elizabethtown, Pa.
Cutaway Harrow Co. ("Clark"), Higganum, Conn.
Donaldson Bros. ("King," "Monarch"), Mount Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Gray Iron Casting Co ("Greedygrinder"), Springfield, O.
Greenville Implement Co., Greenville, Mich.
Hamachek Frank ("Ideal"), Kewaunee, Wis.
Hirsch Bros. ("Hirsh"), 267 Reed, Milwaukee, Wis.
Humphrey & Sons ("Humphrey"), Joliet, Ill.
Mann F. W. Co. ("Mann"), Milford, Mass.
Smalley Mfg. Co. (Electric), Manitowoc, Wis.
Thompson O. E. & Sons ("Banner"), Ypsilanti, Mich.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

3591—Cutters (Rope, Cord & Twine)

Cutter Mfg. Co., Orient av, Everett Station, Boston, Mass.
Reed Evan L. Mfg. Co., Sterling, Ill.

3592— Cutters (Rosette)

Osborne C. S. & Co. (Harness Makers, etc.), Box 183, Newark, N. J.
See adv index at end of book

3593—*Cutters (Rotary, for Drugs & Spices)

ABBE PAUL O., INC., 924 Johnston bldg, New York
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book

3594— Cutters (Routing)

Royle John & Sons, Paterson, N. J.

3595-6—Cutters (Screw Slotting)

Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Burroughs Tool Co. ("Burro"), 87 Warren, New York
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Clough R. M., Tolland, Conn.
Detroit Reamer & Tool Co., 302 Congress, Detroit, Mich.
Disston Hy. & Sons, Tacony, Phila., Pa.
Federal Adding Machine Corp., 251 4th av, New York
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
SIMMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Thruston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

3597—Cutters (Shear & Rod)

Braun J. G., 609 S Paulina, Chicago, Ill.
Carolus Mfg. Co. ("Carolus", Rod Only), Sterling, Ill.
Fastfeed Drill & Tool Corp., Toledo, Ohio & 21 Murray, New York.
McCarthy Drill & Tool Corp., Toledo, O.
Merwin Mfg. Co. ("Vulcan"), Erie, Pa.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.

3598— Cutters (Side Milling)

Am. Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Federal Adding Machine Corp., 251 4th av, New York
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ingersoll Milling Machine Co., Rockford, Ill.
Morse Twist Drill & Machine Co. ("Morse" Heading Mills; also With Inserted Teeth), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Standard Tool Co., 6700 Central av, Cleveland, O.
Thruston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Union Twist Drill Co. (Interlocked), Athol, Mass.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av, N. Y.

3599— Cutters (Sleet)

(For Removing Sleet from Trolley Wires)

Advance Mfg. & Tool Co., 3741H 93rd, Cleveland, O.
Bayonet Trolley Hoop. Co., Springfield, O.
Bonney-Vehslager Tool Co., 60 N. J. R. R. av, Newark, N. J.
Electric Service Supplies Co., 17 & Cambria, Phila., Pa.
Elec. Material Co. (Sloan Sheet Cutter), 611 W Jackson bldg, Chicago, Ill.
Eureka Co. ("Eureka"), North East, Pa.
Hensley Trolley & Mfg. Co. (Wheel & Steel Cutters), 370 Holden av, Detroit, Mich.
Holland Trolley Supply Co. ("Holland"), 1623 E 43d, Cleveland, O.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
NUTTALL, R. D. CO. ("U.-S."), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Osborne G. H., New Britain, Conn.

3600-1-2—Cutters (Soil Pipe)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mechanicsville Specialty Supply Mfg. Co. ("J. R. S."), Mechanicsville, N. Y.

Cutters (Spiral Mill)

See Cutters, Side Milling

3603— Cutters (Spiral Plug)

Forest City Bit & Tool Co., Rockford, Ill.

3604— Cutters (Sprocket)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3605—Cutters (Sprue, Foot & Power)

Adams Company ("Steel Tubular Sprue"), Dubuque, Ia.
Barnett Oscar Foundry Co., Irvington, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brass Founders' Supply Co. (Hand & Power for Brass Founders), Wilson av, Newark, N. J.
Busch J. C. Co. (Power Machines), 140 Ferry, Milwaukee, Wis.
Ferracute Machine Co., Bridgeton, N. J.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Meriden Press & Drop Co. ("Merriman" Sprue Cutting Presses), Meriden, Conn.
Middleditch Benj., Detroit, Mich.
Paxson J. W. Co. ("J-W-P & Co."), Phila., Pa.
Perkins Machine Co., Warren, Mass.
SHUSTER F. B. CO. (Foot & Power), Cedar Hills, New Haven, Conn.
See adv index at end of book
Standard Machinery Co., Providence, R. I.
Tessmer Mach. & Tool Co., 1425 Rivard, Detroit, Mich.
Toledo Machine & Tool Co., Toledo, O.
Turner Foundry & Machine Co., 3632 N. Lawrence, Phila, Pa.
Turner Machine Co., 75 Fulton, N. Y.
Vulcan Engineering Sales Co. ("Milwaukee," Power), 1764 Elston av, Chicago, Ill.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

3606— Cutters (Stalk)

See also Cutters, Fodder

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Appleton Mfg. Co., Batavia, Ill.
Avery B. F. & Sons ("Cyclone," "Louisville," Spiral or Straight Knife), Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Case J. I. Plow Works ("J. I. Case" Single & Double Row), Racine, Wis.
Davidson-Dietrich Plow Co. ("Davidson"), Evansville, Ind.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("EB" Single & Double Row), Rockford, Ill.
Gale Mfg. Co. ("Daisy," Single Row), Albion, Mich.
Galesburg Coulter Disc Co. ("Brown," "Galesburg"), Galesburg, Ill.
Hartman Mfg. Co., Vincennes, Ind.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
International Harvester Company of America (Inc.), ("International" "P. & O."), Harvester bldg, Chicago, Ill.
Keystone Farm Machine Co., York, Pa.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co. ("Easy Rider," "Gladiator" Single & Double Row), Moline, Ill.
Parlin & Orendorff Co. ("P. & O. Canton" Single & Double Row), Canton, Ill.
Peoria Drill & Seeder Co. ("Union"), Peoria, Ill.
Peru Plow & Wheel Co. (Single & Double Row), Peru, Ill.
Rock Island Plow Co., Rock Island, Ill
Smith R. G. Tool Mfg. Co. (Radius), 315H Market, Newark, N. J.
South Bend Chilled Plow Co., S Bend, Ind.
Southern Plow Co., Dallas, Tex.
Sterling Mfg. Co., Sterling, Ill.
Swanson Plow Co., Muskogee, Okla.
Woodruff Machinery Mfg. Co., Winder, Ga.

3606a—Cutters (Standard & Special)

Goddard Tool Co., 351 W Chicago av, Chicago, Ill.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
cago, Ill.

3607— Cutters (Stay-Bolt)

See also Pneumatic Stay-Bolt Cutters

Foote-Burt Co. ("Reliance"), 4101 St. Clair av, Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Stowe Flexible Shaft Co., N 26th & Callowhill, Phila., Pa.
Universal Machine Co. (Single & Double Head), Bowling Green, O.

3608— Cutters (Stocking)

Brown & Sharpe Mfg. Co. ("B. & S."), Providence, R. I.

Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Morse Twist Drill & Machine Co. ("Morse" for Involute Gears), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Union Twist Drill Co. (For Gears), Athol, Mass.

3609— Cutters (Straw)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Cardwell Machine Co. ("Smith" Lever) 1900 E Cary, Richmond, Va.

3610— Cutters (T-Slot)

Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Federal Adding Machine Corp., 251 4th av, New York
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Lincoln Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3611—Cutters (Tap & Reamer)

Becker Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Fastfeed Drill & Tool Corp., Toledo, Ohio & 21 Murray, New York.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

Cutters (Thistle)

See Cutters, Canada Thistle

3612—Cutters (Tobacco Counter)

Brunhoff Mfg. Co., 9th & Freeman av, Cincinnati, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Enterprise Mfg. Co. ("Enterprise"), Dept. H, 3rd & Dauphin, Phila., Pa.
Griswold Mfg. Co. ("Triumph," "Star," Erie, "Standard"), Erie, Pa.
Landers, Frary & Clark ("Lee's"), New Britain, Conn.
National Specialty Mfg. Co., 3rd & Lehigh av, Phila., Pa.
North Bros. Mfg. Co. ("American," also Shaves), Lehigh av & American, Phila., Pa.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Schollhorn Wm. Co. ("Tuck's"), New Haven, Conn.
Wrightsville Hardware Co. ("Queen," "Brighton," "Perfection" & "Superior"), Wrightsville, Pa.

Cutters (Tube)

See Cutters, Flue

Cutters (Twine)

See Cutters, Rope, Cord & Twine

3613—Cutters (Twist Drill)

Becker Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Fastfeed Drill & Tool Corp., Toledo, Ohio & 21 Murray, New York.
Federal Adding Machine Corp., 251 4th av, New York
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio.
Union Twist Drill Co., Athol, Mass.

3614— Cutters (Vegetable)

See also Cutters, Potato

Ames Plow Co., Quincy Hall, Boston, Mass.
Aspinwall Mfg. Co., Jackson, Mich.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Chapman-Sargent, Piqua, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Eddy W. Plow Co., Greenwich, N. Y.
Enterprise Mfg. Co. ("Enterprise"), Dept. H, 3rd & Dauphin, Phila., Pa.
Goodell Co., Antrim, N. H.
Humphrey & Sons, Joliet, Ill.
Landers, Frary & Clark, New Britain, Conn.
Lewis E. J. (Celery, Rhubarb, String Bean), Middleport, N. Y.
Mann F. W. Co., Milford, Mass.
Munnsville Plow Co. ("Lightning"), Munnsville, N. Y.
Rollman Mfg. Co. Ltd., Mt. Joy, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 96 Lafayette, New York
Smith's John E. Sons Co., 50H B'way, Buffalo, N. Y.
Standard Bone Cutter Co., Milford, Mass.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thompson O. E. & Sons ("Ypsilanti"), Ypsilanti, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

Cutters (Veneer)

See Veneer Cutting Machines

3615—Cutters (Wall Paper Base)

Cassady, Fairbank Mfg. Co. ("Falcon"), 6126 S La Salle, Chicago, Ill.

3616—Cutters (Washer & Gasket)

Allen Chas. I. ("Eagle"), Pequabuck, Conn.
Braunsdorf-Mueller Co., Elizabeth, N. J. Norwood, Cincinnati, O.
See adv index at end of book
Cincinnati Tool Co. (also Circle Metal), Norwood, Cincinnati, O.
See adv index at end of book

THE CINCINNATI TOOL CO.
HARGRAVE

Goodell-Pratt Co., Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McCred Jas. & Co., 562 W. Washington, Chicago, Ill.
OSBORNE C. S. & CO., Box 183, Newark, N. J. *See adv index at end of book*
Rose J. A. Mfg. Co., Hastings, Neb.
Sargent & Company ("Appleton's" Washer), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J
Skinner M. B. Co., 562 W. Washington, Chicago, Ill.
Smith Otis A. (Washer Cutters Only), Rockfall, Conn.
Stortz Jno. & Son (Washer), 210 Vine, Phila., Pa.

3617— Cutters (Weed)

Gaterman Mfg. Co., Manitowoc, Wis.
Shaw H. C. Co. ("Clean-Cut"), Stockton, Cal.

Cutters (Wire)

See Cutters, Rod & Wire

3618—Cutters (Wire, on Log Cars)

Ransome Concrete Machinery Co., Dunellen, N. J.

3619—Cutters & Grinders (Tool Holder)

Armstrong Bros. Tool Co. ("Armstrong" for Cutting Off & Grinding Tool Holder Cutters), 339 N Francisco av, Chicago, Ill.

3619a—*Cutting (Oxy-Acetylene)

BASTIAN - BLESSING CO., 125 Austin av, Chicago, Ill.
See adv index at end of book
ELECTROLABS CO., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Linde Air Products Co., 30 E. 42nd, New York

3620— Cuttlefish Bone

American Trading Co., 25 Broad, N. Y.
McKesson & Robbins, 91 Fulton, New York
Manhattan Drug Co. (Importers), 50 Warren, New York
Sheldon G. W. & Co. (Importers), 8 Bridge, New York

3621— Cyanamid

American Cyanamid Co., 511 5th av, New York
Am. Nitrogen Products Co., Seattle, Wash.

3622— Cyanide

American Cyanamid Co., 511 5th av, New York
Braun Corporation, 363 New High, Los Angeles, Cal.
Breslauer A. (Industrial Chemicals, Cyanide of Sodium and Potassium), Am. Nat'l Bank bldg, San Francisco, Ca..
Cooper Chas. & Co., 194H Worth, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Griffiths K. F. & Co., 81 Fulton, New York
Harrison Works (Du Pont), (Cyanide of Soda), 35th & Gray's Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
National Aniline & Chemical Co. Inc., 21 Burling Slip, New York
Roessler & Hasslacher Chemical Co. (Cyanide of Sodium), 709H 6th av, New York
Warren Products Co., 265 B'way, N. Y.
See adv index at end of book
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

3623— Cyanide Plants

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Rothwell," Continuous Thickener & Filter, etc), Denver, Colo.
Dorr Co. ("Dorr," Continuous Thickener, etc.), Denver, Colo.
Hendryx Cyanide Machinery Co. ("Hendryx" Dewaterer, etc), 136 Liberty, New York
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Koering Cyaniding Process Co., Hammond bldg, Detroit, Mich.
Llewellyn Iron Works, Los Angeles, Cal.
Moore Filter Co. ("Moore"), 50 E 42d, New York
National Tank & Pipe Co., Kenton, Sta., Portland, Ore.
See adv index at end of book
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Redwood Manufacturers Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Stearns-Roger Mfg. Co., Denver, Colo.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Cycles (Railway)

See Cars, Velocipede

3623a— *Cyclometers

See also Indicators, Speed

NEW DEPARTURE MFG. CO. ("New Departure" for Bicycles), Bristol, Conn. *See adv index at end of book*
Veeder Mfg. Co. ("Veeder"), Hartford Conn.

3624— Cylinder (Re-Boring)

Allentown Experimental Works, Allentown, Pa.
Ambrose Machine Co. ("In Position"), 254 Eagle, Brooklyn, N. Y.
Dunn J. Edward, Co. ("Dunn" Tools for Engine), 9 Bethume, New York.
Fritz Geo. J. Foundry & Machine Co., 2018 S 3d, St. Louis, Mo.
Gould Balance Valve Co., Kellogg, Ia.
Manitowoc Shipbuilding Co., Manitowoc, Wis.
Mathews Hugh, Kansas City, Mo.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Renton Wm., 101 Water, Pittsburgh Pa.
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ruwell W. F., 719 Noble, Phila., Pa.
Schiller, Nolan & Co., Darien & Wood, Phila., Pa.
UNDERWOOD H. B. CORP., 1025 Hamilton, Phila., Pa.
Universal Mach. & Tool Co., Canton, O.
Universal Tool Co., Inc., Garwood, N. J.
Wegner Machine Co., Buffalo, N. Y.
Wilson W. A. Machine Co., Rochester, N.Y.

3625—Cylinder & Tank Shells

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & William, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Offices: N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine, Wis.
Graver Corp., East Chicago, Ind.
See adv index at end of book
Hetzel Steel Form & Iron Co., Warren, O.
Johnson & Thompson, Birmingham, Ala.

CYLINDER & TANK SHELLS—continued
Leslie, Elliott & Co., Paterson, N. J.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engng Works, Manitowoc, Wis.
Petroleum Iron Works Co., Sharon, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.

3625a—Cylinders (Acetylene)

Commercial Cylinder Co., 80 B'way, New York
Scaife Wm. B. Sons Co., 1st Natl. Bank bldg., Pitts., Pa. & 26 Cortlandt, N. Y.
See adv index at end of book

3626— *Cylinders (Air)

Deming Co., Salem, O.
See adv index at end of book
Scaife Wm. B. Sons Co., 1st Natl Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York *See adv index at end of book*

3627—Cylinders (Air Compressor)

See also Cylinders, Carbonic Acid Gas; also Cylinders & Shells, Seamless Pressed Steel
Scaife Wm. B. Co., 1st Natl. Bank bldg., Pitts., Pa. & 26 Cortlandt, N. Y.
See adv index at end of book

3628— Cylinders (Ammonia)

Cureton Wm. & Sons, Lexington, Richmond Co., O.
Manitowoc Engng Works, Manitowoc, Wis.
National Tube Co. ("Shelby"), Seamless Steel), Frick bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bld, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3629—Cylinders (Artesian Well)

AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Chicago Well Supply Co. (Brass), 232 W Ontario, Chicago, Ill.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
DEMING CO. (Brass), Salem, O.
See adv index at end of book
Fairbanks, Morse & Co. (Single & Double Acting), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier" Double Acting), Kendallville, Ind.
Hough Chas. N. Mfg. Co. (Cast Iron Seamless Cold Drawn Steel & Seamless Brass), Franklin, Pa.
Humphryes Mfg. Co. (Brass), Mansfield, O.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Mark Mfg. Co., Evanston, Ill.
Myers F. E. & Bros., 900 Fourth, Ashland, O. *See adv index at end of book*
National Tube Co., Frick bldg, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
San Antonio Machine & Supply Co. ("Samsco" Duplex), San Antonio, Tex.
San Diego Machine Co., San Diego, Cal.
Texas Mfg. Co., Fort Worth, Tex.

3630—Cylinders (Blowing Engine)

Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.

3631— *Cylinders (Brass)

DEMING CO., Salem, O.
See adv index at end of book
San Diego Machine Co., San Diego, Cal.

3631a—*Cylinders (Brass & Glass Value)

Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*

Cylinders (Brick Hardening)

See Cylinders, Hardening

Cylinders (Caisson)

See Caissons, Sheet Steel

3632-3—*Cylinders (Calcium Light)

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3634—Cylinders (Carbonic Acid Gas)

Ballwood Co., The, 30 Church, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Elyria Machine Co., Elyria, O.
HARRISBURG PIPE & PIPE BENDING CO. (Seamless), Herr nr 10th, Harrisburg, Pa.
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3635— Cylinders (Cast Iron)

Bethlehem Fdry. & Machine Co. (For Chemical Works, etc), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Brunner Machinery Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cooper C. & G. Co., Mt. Vernon, O.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Hough Chas. N. Mfg. Co. (For Artesian & Oil Wells), Franklin, Pa.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Manufactures' Fdry Co. (For Auto), Waterbury, Conn.
Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.
Myers F. E. & Bro. (Brass & Brass Lined), 900 4th, Ashland, O.
See adv index at end of book
United States Cast Iron Pipe & Foundry Co. (Large), Burlington, N. J.
Waterbury Castings Co., Waterbury, Conn.
Wisconsin Cylinder Foundry Co., Racine, Wis.

Cylinders (Cement)

See Tanks & Cylinders, Cement

3636—Cylinders (Creosoting)

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Freeport rd., Hoboken, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Dover Boiler Works, Sales Offices: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine, Wis.
Heggie James G. & Sons, Joliet, Ill.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil Jas. & Bros. Co., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Works, Co., Inc., H, Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
REEVES BROS. CO., THE, Alliance, O.
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Struthers-Wells, Warren, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois., 208 S La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Cylinders (Deep Well)

See Cylinders, Artesian Well

3637—Cylinders (Gasoline Engine)

Bessemer Foundry Co., Grove City, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Interstate Foundry Co, East 61st & Erie R R, Cleveland, O.
Moore Sam'l L. & Sons (Marine & Stationary), Elizabeth, N. J.
Pequonnock Foundry, Bridgeport, Conn.
Wainwright W. W. & Son, Connersville, Ind.

3638— Cylinders (Glass)

Corning Glass Works, Corning, N. Y.
Pairpoint Corporation, New Bedford, Mass.

3638a— Cylinders (Grinding)

A. M. Machine Works, 721 W Washington, Chicago, Ill.
Abbe Engng Co., 216-224 B'way, New York
See adv index at end of book
Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*
Patterson Fdry & Mach. Co., E. Liverpool, O.

3639— Cylinders (Hardening)

American Clay Machinery Co., Bucyrus, O.
Atlas Car & Mfg. Co. (For Sand, Lime, Brick Plants, etc), Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works. Sales Office: 40 Church, N. Y. Works: Dover, N. J.
See adv index at end of book
Freeman Mfg, Co. (Brick), Racine, Wis.
Heggie James G. & Sons, Joliet, Ill.
Jackson & Church Co. (Brick), Saginaw, Mich.
Manitowoc Engineering Works, Manitowoc, Wis.
Reeves Bros. Co. The, Alliance, Ohio.
See adv index at end of book
Struthers-Wells Co. (Brick Hardening), Warren, Po.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

3640— Cylinders (Hydraulic)

AMERICAN HOLLOW BORING CO., 1055 W. 19th, Erie, Pa.
Am. Hollow Boring Co., Erie, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
East Jersey Pipe Corp. (High Pressure), Paterson, N. J.
French Oil Mill Machinery Co., Piqua, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Houston Car Wheel & Machine Co., Houston, Tex.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
National Tube Co. ("Shelby" Seamless Steel Tubing, Frick bldg, Pittsburgh, Pa.
Reeves Bros. Co., Alliance, Ohio.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Western Pipe & Steel Co., San Francisco, Cal.

3641 — Cylinders (Hydro-Pneumatic)

DEMING CO., Salem, O.
See adv index at end of book
MYERS F. E. & BRO., 900 4th, Ashland, O. *See adv index at end of book*
Scaife Wm. B. Sons Co., 1st Natl. Bank bldg., Pitts., Pa. & 26 Cortlandt, N. Y.
See adv index at end of book

3642—Cylinders (Hydrogen, Oxygen & Chlorine)

ELECTROLABS CO., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Elyria Machine Co., Elyria, O.
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
HARRISBURG PIPE & PIPE BENDING CO. (Seamless), Herr nr. 10th, Harrisburg, Pa.
International Oxygen Co. (dirs), 796 Frelinghuysen av. Newark, N. J.
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works (Storage), Manitowoc, Wis.
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
New York Central Iron Works Co., Inc. (Hydrogen), Dept. H, Hagerstown, Md.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3643— Cylinders (Irrigating)

DEMING CO. (Wind Mill), Salem, O.
See adv index at end of book
San Diego Machine Co., San Diego, Cal.

3644—Cylinders (Lard Cooling)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Devine J. P. Co., Buffalo, N. Y.

3645— Cylinders (Pump)

Crestline Mfg. Co., Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Goulds Mfg. Co., Seneca Falls, N. Y.
See adv index at end of book
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co. (Brass & Brass Lined), Mansfield, O.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Midland Brass Works (For Wells), Dept. H, Fort Worth, Texas
MYERS F. E. & BRO. (Ball & Poppet & Spool Valves), 900 Fourth, Ashland, O. *See adv index at end of book*
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
San Diego Machine Co., San Diego, Cal.
Trahern Pump Co., Rockford, Ill.

3646—Cylinders (Rock Drill)

Cureton Wm. & Sons, Lexington, Richland Co., O.
Interstate Foundry Co., East 61st & Erie R R, Cleveland, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

3647—Cylinders (Rotary Drying)

American Process Co., 68 William, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine, Wis.
Manitowoc Engineering Works, Manitowoc, Wis.
Reeves Bros. Co., Alliance, O.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works: Newburgh, N. Y.

3648— Cylinders (Tin)

Allenson Bros., 9 Steeple, Providence, R. I.
Getchell Seth S. & Son, Woonsocket, R. I.
Hill James Mfg. Co., 56 Westfield, Providence, R. I.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Plews R. Mfg. Co., Central Falls, R. I.

3649— Cylinders (Vanadium)

Capitol Foundry Co. (Automobile, etc), Hartford, Conn.
DuBois Foundry Co. (Small), Cold Spring, N. Y.
Manufacturers Foundry Co. (Automobile, etc), Waterbury, Conn.
Perkins Henry Co. (Automobile & Motor Cycle), Bridgewater, Mass.

3650—Cylinders (Vulcanizing)

American Welding Co., Carbondale, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Manitowoc Engineering Works, Manitowoc, Wis.

3651— Cylinders (Welded)

AMERICAN SPIRAL PIPE WORKS (Lap Welded), Chicago, Ill.
See adv index at end of book
American Welding Co., Carbondale, Pa.
Brunner Machinery Co., Peru, Ill.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

3652—Cylinders (White Porous Clay)

Maddock John & Sons, Trenton, N J.

3653-4—Cylinders (Wooden)

Bogert & Hopper, Inc., 57 Barclay, N. Y.
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

3655—Cylinders & Tanks (Seamless Steel)

American Welding Co. (Welded Steel), Carbondale, Pa.
Federal Pressed Steel Co. (Cold Drawn), Keefe av & N Pierce, Milwaukee, Wis.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
HARRISBURG PIPE & PIPE BENDING CO., Herr nr. 10th, Harrisburg, Pa.
Janney, Steinmetz & Co. (Mfrs. Agents), 1421 Chestnut, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Wharton Wm. Jr. & Co., Inc. (Seamless Gas), Easton, Pa.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

3656— Cymene

Industrial Chemical Co., 200 Fifth av, New York

3657—Dabbers (Metallic, Automatic)

Tillotson Humidifier Co. ("Greenwood" for Noble Combs), 78 Fountain, Providence, R. I.

3658—Dairy Apparatus & Supplies

See also Specific Article Required
Blanke Mfg. & Supply Co., 3rd & Wash'n av, St. Louis, Mo.
Burrell D. H. & Co., Little Falls, N. Y.
Cherry J. G. Co., Cedar Rapids, Iowa
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Clinton Mfg. Co., Clinton, Wis.
Cesco Creamery Supply Co., 52 W Kinzie, Chicago, Ill.
Dairy Machinery & Construction Co., Derby, Conn.
Davies-Watkins Dairymen's Mfg. Co., Jersey City, N. J.
Davis-Watkins Dairymen's Mfg. Co., No. Chicago, Ill.
Dobson Mfg. Co., Rockford, Ill.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gowing Dietrich Co., 207 W Water, Syracuse, N. Y.
Hall Bros. Co., West Acton, Mass.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Manning Mfg. Co., Rutland, Vt.
Mast Foos & Co. (Dairy Barn Equipment) Springfield, Ohio.
Monroe & Monroe (Dealers), Alexandria, Va.
Oakes & Burger Co., Cattaraugus, N. Y.
Official Mfg. Co., La Crosse, Wis.
Phila. Farmers & Dairymen's Supply Co., 1918H Market, Phila., Pa.
Rawles Jas. D. Co., 74 Pearl, Boston, Mass.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
Reinhold & Meyer Mfg. Co., Plymouth, Wis.
Sharples Separator Co., West Chester, Pa.
Thatcher Mfg. Co., Elmira, N. Y.
Vermont Farm Machine Co. ("Skimer," "V. F. M.," "Philadelphia," "Eureka"), Bellows Falls, Vt.
Wright R. G. & Co., Buffalo, N. Y.

Damar Gum Importers

See Varnish Gums

3659— Damasks (Cotton)

Avon Mills Co., (Toweling & Table), Lewiston, Me.
Blair Mills, Belton, S. C.
California Cotton Mills Co., Oakland, Cal.
Clarke Wm. & Sons (Table), Cedar & Margaret, Phila., Pa.
Fidelity Mfg. Co., Charlotte, N. C.
Fink Adam (Table), Orthodox & Large, Phila., Pa.
Gorman Thos. C. (Turkey Red), Adams & Church, Phila., Pa.
Hewett C. G., Unity & Leiper, Phila., Pa.
Huss Mfg. Co. (Table), Bessemer City, N. C.
Irene Mills (Table), Gaffney, S. C.
Kincaid Mfg. Co. (Toweling), Griffin, Ga.
Krager J. (Table), 1543 Ruan, Phila., Pa.
Pauline Mills (Table), Kings Mountain, N. C.
Pepperton Cotton Mills (Toweling), Jackson, Ga.
Renfrew Mfg. Co. (Table), Adams, Mass.
Spencer Mountain Mills (Bleached Toweling & Mercerized Table), Lowell, N. C.
Stevens Mfg. Co. (Table), Fall River, Mass.
Thorpe Richard Co., 1657 Meadow, Phila., Pa.
Wall Daniel, Unity & Leiper, Phila., Pa.
Wardlow J. & W. (Table), 1615 Foulkrod, Phila., Pa.
Witty Chas. H. & Co. (Turkey Red), Wayne & Berkley, Phila., Pa.
Woodside Cotton Mills Co., Greenville, S. C.
Woodstock Cotton Mills (Table), Anniston, Ala.

3660— Damp Course

See also Waterproofing Materials
Barrett Co., 17 Battery pl, New York
Patent Vulcanite Roofing Co. ("Vulcanite" Asphalt), 2256 W 49th, Chicago, Ill.
Simpson Bros. Corporation, 166 Devonshire, Boston, Mass.
Standard Paint Co. (Ru-ber-Oid), 233 Broadway, New York
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Vulcanite Roofing Co. ("Plasterite"), 16th & Texas, San Francisco, Cal.

Damp Proofing Compounds

See Waterproofing Materials

3661— Dampers (Coke Oven)

Helmick Foundry & Machine Co., Fairmont, W. Va.

3662—Dampers (Fireplace, Etc.)

Adams Co. ("Hirds" Dome), Dubuque, Ia.
Colonial Fireplace Co. ("Colonial & Myers"), 4631 W 12th, Chicago, Ill.
COVERT H. W. CO. ("Covert Throat"), 137 E 46th, New York.
DONLEY BROS. CO. ("D. B."), 3625 E 74th Cleveland, O.
See adv index at end of book
JACKSON EDWIN A. & BRO. (Inc.) (Dome Slide & Ratchet, etc), 50 Beekman, New York
See adv index at end of book
Jardine Walter S. & Sons Co. ("Jardine" Throat), 29 Central, Arlington Heights, Mass.
Milford Iron Foundry, Milford, Mass.
Peerless Mfg. Co. ("Peerless"), Louisville, Ky.
Richardson E. H., 77H O'Farrell, San Francisco, Cal.
Stover Mfg. & Engine Co., Freeport, Ill.

3663— Dampers (Flue)

Athol Mach. & Foundry Co. ("Premier" & "A. MC"), Athol, Mass.
Pratt Engineering & Machine Co. (For Chemical Works), Atlanta, Ga.

3664—Dampers (For Forced Draft)

Buffalo Forge Co., Buffalo, N. Y

3665— Dampers (Stove Pipe)

Adams Co. ("Diamond"), Dubuque, Ia.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Arnold Damper (Inc.), ("Arnold"), Goshen, Ind.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cheney S. & Son, Manlius, N. Y.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis Mo.
Detroit Register Co. ("Yankee"), 38 E Jefferson av, Detroit, Mich.
Devlin Thos Mfg. Co., 3d & Lehigh avs, Phila., Pa.
Gray Iron Foundry Co. (Cast Iron, Spring Handle, etc), Reading, Pa.
Grey Iron Casting Co. (Hot Air), Mt. Joy, Pa.
Griswold Mfg. Co. ("American"), Erie, Pa.
Hood Furnace & Supply Co. ("Hood" Combination & Check Draft), Corning, N. Y.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Republic Metalware Co. The, Buffalo, N.Y.
Sayre Stamping Co. ("Uncle Sam"), Sayre, Pa.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Wheeling," Cast & Sheet Iron), Wheeling, W. Va.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

3665a— Dams (Soil)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.

3666—*Darners (Stocking & Glove)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York.
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

3666a— Darts (Air Gun)

See also Ammunition
Quackenbush H. M., Herkimer, N. Y.

3667— Dashes (Automobile)

Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburg, Pa.
American Veneer Co. (Wood), Hoboken, N. J.
Columbus Auto Brass Co. (Metal), 769 N 4th, Columbus, O.
Detroit Auto Dash Co. (Wood), E Phila. & G. P. R. R., Detroit, Mich.
Hanson-Ward Veneer Co. (Wood), Bay City, Mich.
Hayes Mfg. Co. (Metal), 480 Maybury, Detroit, Mich.
Heil Co., 26th & Montana avs, Milwaukee, Wis.

DASHES (AUTOMOBILE)—continued
Indiana Veneer & Panel Co. (Wood), New Albany, Ind.
Kahler Co. (Wood), New Albany, Ind.
Parish Mfg. Co. (Pressed Steel), South Paris, Me.
Todd Mfg. Co., 14 N 12th, Minnesota, Minn.

3668— Dashes (Carriage)

Kroh C. Z. Mfg. Co., Toledo, O.
McKinnon Dash Co., Buffalo, N. Y.
Peters Harness & Saddlery Co., 346 Mulberry, Newark, N. J.

3669— Dashes (Screen)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

3670— Dashes (Sleigh)

Searls Mfg. Co. (Screens), 29 Mulberry, Newark, N. J.

3671— Davits (Ship)

American Balsa Co., Inc. (Mechanical), 50 E 42d, New York
Steward Davit & Equipment Corp., 17 Battery Pl., New York.
Wilcox, Crittenden & Co., Inc., (& Anchor), Middletown, Conn.
See adv index at end of book
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

3671a—Deadlocks for Shipping Tags

Campbell Paper Box Co., South Bend, Ind.
Campbell Wire Specialty Co., South Bend, Ind.

Decalcomania Transfers

See Ornaments, Transfer

Decarbonizers

See Removers, Carbon

3671b— Decolorizers (Glass)

Drakenfeld B. F. & Co., 50 Murray, New York

Decorations

Under this heading see Sub-classifications:

For other materials used for decorating, etc., see the following classifications in different parts of the book:

Capitals, Composition; Carvers, Stone; Carvers, Wood, Classic; Ceilings, Sheet Steel; Floors, Parquet; Glass Stainers; Grille, Fret & Lattice Work; Marble, Art (Scagliola), Marble Interior Work; Memorial Windows; Modelers & Sculptors, Architectural; Mosaics, Various Kinds; Mouldings, Various Kinds; Ornaments, Various Kinds; Papier Mache; Scenic Artists; Sheet Metal Borders, Friezes, etc; Stucco Work; Tiles, Various Kinds; Wall Finishes.

3672—Decorations (Carton Pierre)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators Supply Co., Archer av & Leo, Chicago, Ill.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.

3673— Decorations (Church)

Dolan W. J., 100 Boylston, Boston, Mass.
Geissler R., 56 W 8th, New York
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
Lamb J. & R. (Inc), 25 6th av, New York
Raby, Hinton & Co., Mechanicsburg, Pa.
Righter & Kolb, 420 Madison av, New York
Tiffany Studios, Madison av & 45th, New York
Toledo Tap & Die Co., Clinton, Toledo, O.
Whitman Studios, 900 Oxford, Phila., Pa.

3674—Decorations (Plastic Relief)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Forman Geo. A., 654 Gates av, Brooklyn, N. Y.
Klee-Thomson Co., 327 E 40th, New York
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
National Plastic Relief Co., 330 Main, Cincinnati, O.
Righter & Kolb, 420 Madison av, New York
Root C. R., Hartford, Conn.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Voight Co., 1743-1749 N 12th, Phila., Pa.
Walter G. E., 157 E 44th, New York

3675—Decorations (Theatre)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators' Supply Co., Archer ave & Leo, Chicago, Ill.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
National Plastic Relief Co., 330 Main, Cincinnati, Ohio.
Righter & Kolb, 420 Madison av, New York
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Story O. L. Scenic Co., Somerville, Mass.

3676—Decorative Art Leathers

Baldwin T. F., 16 W 46th, New York
Cordova Leather Co., 176 Madison av, New York
Johnson Leather Co., 43 W 16th, New York
Righter & Kolb, 420 Madison av, New York
ZAPON LEATHER CLOTH CO. (Formerly Boston Artificial Leather Co.) ("Zapon"), 200 5th av, New York

3677—Decorative Art Tapestries

Bodine-Spanjer Co., 1160 Chatham Court, Chicago, Ill.
Brounet Arthur, 1133 B'way, New York
Mills J. C. Co., 44 Clinton, Brooklyn, N. Y.
Turner J. Spencer Co., 86 Worth, New York

3678—Decorative Electric Lighting

Anglo-Am. Co. (Tree Outfits), 634 Smithfield, Pittsburg, Pa.
Beacon Elec. Wks. (Xmas Tree Ltg. Outfits), 132 King, New York
Cumberland Elect. Mfg. Co., Memphis, Tenn.
Elec'l Decorative Flower Co., 140 W 116th, New York
Elux Miniature Lamp Division ("Jaeger"), 6 E 39th, New York
Fensterer & Ruhe (Sprays, Leaves), 37 Murray, New York
General Electric Co. ("Arborlux" Xmas Tree Lights Outfits), Schenectady, N. Y. *See adv index at end of book*
Gudeman & Co. (Flower Baskets, Christmas Tree Lighting Outfits), 19 W 36th, New York
Import Sales Co. (Xmas Tree Ltg.), 27 W 20th, New York
Interstate Electric Novelty Co. (Xmas Tree Outfits, etc), 104 S 4th, New York
McCandless H. W. & Co. (Xmas Tree Lighting Outfits), 406 W 31st, New York
Manhattan Electrical Supply Co. (Christmas Tree & Decorative), 17 Park pl, New York *See adv index at end of book*
National Plastic Relief Co. (Composition), 330 Main, Cincinnati, Ohio.
Propp M. Co., 108 Bowery, New York
Rounds Elec. Co. (Flowers), 44 Boylston, Boston, Mass.
Standard Electric Novelty Co. (Xmas Tree), 730 W Randolph, Chicago, Ill.
Tardie E. J., 156 5th av, New York
Union Battery Co. (Xmas Tree Battery Lighting Outfits), Belleville, N. J.
Warren Walter G. & Co., 1401 W Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3679—Decorators (Architectural)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Binner Theo., 423 14th, San Francisco, Cal.
Brounet Arthur, 1133 B'way, New York
Buehner A. Decorators' Supply Co., St. Louis, Mo.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., 812 14th, Detroit, Mich.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Jennens W. H., 1811 Baltimore av, Kansas City, Mo.
Klee-Thomson Co., 327 E 40th, New York
Lombard & Ludwig, 309 14th, N W, Washington, D. C.
Mills J. Clawson Co., 44 Clinton, Brooklyn, N. Y.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Righter & Kolb, 420 Madison av, New York
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av (Altar Builders, etc), Syracuse, N. Y.
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tugnarelli & Voigt Co., 1743 N 12th, Phila., Pa.

Decorators (Ecclesiastical)

See Decorations, Church

3680—Decorators & Painters (Mural)

Boyle Jno. Co., New Britain, Conn.
Geissler R., 56 W 8th, New York
Nelson W. P. Co., 614 S Michigan av, Chicago, Ill., & 120 W 29th, New York
Rambusch Decorating Co., 2 W 45th, New York
Weber, Lind Co., 1011 Chester av, Cleveland, O.

3681— Decoys (Duck, Etc.)

Canvass Decoy Co. ("Acme" Pneumatic), Union City, Tenn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Johnson Wm. R. & Co. ("Johnson's" Folding Paper), Seattle, Wash.
Read William & Sons ("Plover" Tin, also Grease), 364 Washington, Boston, Mass.

3682— Defecators

Blymyer Iron Works Co. ("Santa Clara"), Cincinnati, O.
Buffalo Steam Pump Co., Buffalo, N. Y.
Coatesville Boiler Works, 30 Church, New York
Coldwell-Wilcox Co., Newburgh, N. Y.
Dover Boiler Works, 50 Church, New York
See adv index at end of book
Duncan Stewart & Co. Ltd., Export Dept., 43 Cedar, New York
Flynn W. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Krajewski-Pesant Corp., 50 Broad, New York
Murphy, Jno. H., Iron Works, 643 Magazine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones, Wilmington, Del.
Squier, Geo. L. Mfg. Co. (Sugar), B'way and Mortimer, Buffalo, N. Y.
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Treadwell Co. M. H., 140 Cedar, New York
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

3683—Deflectors (Auto-Light)

Art Metal Mfg. Co. ("Amco" Deflector), E 61st & Curtiss av, Cleveland, O.
Heinze Elec. Co. ("Ames" Deflector), Lowell, Mass.

3684—Deflectors (Car Heater)

Lord Mfg. Co., 105 W 40th, New York

3684a— Deflectors (Heat)

Heitland Grate & Mantel Co. (For Open Fireplaces), 120 W 5th, Quincy, Ill.

3685— Degerminators

Beall Improvements Co., Inc., Decatur, Ill.
Nordyke & Marmon Co. (Corn), Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.

3686— Degras

Hummel & Robinson (Refined, Neutral & Common), 26 Cortlandt, New York.
Innis, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Montgomery W. L. & Co. ("Arlington Mills"), 10 High, Boston, Mass.
National Oil Products Co., Harrison, N. J.
Pfaltz & Bauer ("Golden Fleece" Imported), 300 Pearl, New York
Swan & Finch Co. (Imported), 165 B'way, New York
Young Frank L. Co. (Anchor & Merino), 111 Purchase, Boston, Mass.

3687— Degreasing

Grease & Oil Extracted from All Kinds of leather.
KUTZTOWN FOUNDRY & MACHINE CO. (Plants & Equipments for Degreasing), 1421 Chestnut, Phila., Pa.
See adv index at end of book
Printz Degreasing Co., 1001 Chestnut, Phila., Pa.
Simonin's C. F. Sons, Tiogo & Belgrade, Phila., Pa.
Spence Degreasing Co., 26 Av L, Newark, N. J.
Woburn Degreasing Co., Woburn, Mass.

3688—*Degreasing Plants & Equipments

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

3689— Dehorners (Cattle)

Leavitt Mfg. Co. ("Leavitt," "H. H. Brown," "Newton & McGee"), Urbana, Ill.
Mann Cork ("Manco"), 72 W Adams, Chicago, Ill.
Phillips Morris T. ("Keystone"), Pomeroy, Pa.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Rhodes Mfg. Co., Grand Rapids, Mich.
Ridgely Trimmer Co., Springfield, O.
Sayre L. A. Co. ("Calf"), 332 Mulberry Newark, N. J.

3689a— Dehumidifiers

Atmospheric Conditioning Corp., Dept. H, 5th and Chestnut, Phila., Pa.
Braemer Air Conditioning Corp., Lafayette bldg., Phila., Pa.
Carrier Engng. Corp., 39 Cortlandt, New York
Emmons Collins Mach. Co. (Small), Western Spring, Ill.
Fleisher W. L. & Co. Inc., 31 Union sq., W, New York
Triumph Ice Machine Co., Oakley, Cincinnati, O.

3689b— Dehydrators

Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*
Drying Systems Inc. (Fruit and Vegetables), 11H S Desplanes, Chicago, Ill.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Triumph Ice Machine Co., Oakley, Cincinnati, O.

3690—Delta Metal Bars & Plates

Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

3690a— Demagnetizers (Tool)

Electric Brazing & Welding Machine Co. ("Bulldog"), 30 Church, New York

3691—Demagnetizers (Watch)

Green W. Electric Co., 81 Nassau, New York
McDonald Elec. Co. ("South Bend," "Quick Action"), Chenoa, Ill.
Quick Action Ignition Co., South Bend, Ind.
Sorenson P., 18 Dunham pl, Brooklyn, N. Y.

3692— Demijohns

Bahr Demijohn Co., 901 Grand, Bklyn, N. Y.
Boley B., Olean, N. Y.
Hawley Glass Co., Hawley, Pa.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Robinson Clay Product Co. (Pottery), Akron, O.
Scott-Warman Glass Co., East Stroudsburg, Pa.
White Fred C. (Boxed "Twoplex"), 241 Water, New York

3693— Denims

Amoskeag Mfg. Co., Manchester, N. H.
Canton Cotton Mills (Blue Indigo), Canton, Ga.
Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mills, Columbus, Ga.
Erwin Cotton Mills Co., West Durham, N. C.
Everett Mills, 120 Franklin, Boston, Mass.
Falls Co., Norwich, Conn.
Hamburger Cotton Mills, Columbus, Ga.
Holt, Gant & Holt Cotton Mfg. Co., Elon College, N. C.
McAden Mills, McAdenville, N. C.
Massachusetts Cotton Mills, Lowell, Mass.
Oakland Mills, Taunton, Mass.
Pelham Mfg. Co., Pelham, Ga.
Pell City Mfg. Co. (Indigo), Pell City, Ala.
Pemberton Co., Lawrence, Mass.
Proximity Mfg. Co. (Indigo Blue), Greensboro, N. C.
Royal Mills (All Colors), Charleston, S. C.
Shetucket Co., Greenville, Conn.
Texas Cotton Mill Co., McKinney, Texas
Thorndike Co., Thorndike, Mass.
Tupelo Cotton Mills, Tupelo, Miss.
Uncasville Mfg. Co., Uncasville, Conn.
Walton Cotton Mill Co., Monroe, Ga.
Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.
White Bros., E. Jaffrey, N. H.
White N. D. & Sons, Winchendon Springs, Mass.
York Mfg. Co., Saco, Me.

3693a— Denitrators

Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Duriron Casting Co., 90 West, New York
Thermal Syndicate Ltd., 59 E 41st, New York

3693b— Deodorizers (Oil & Fat)

Allbright-Nell, 5323 Western blvd., Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Staddon Donald R. & Co., 104 John, N. Y.
West Disinfecting Co. (Euchrelyptum), 411 5th av, New York

3694— Depilatories

Grasselli Chemical Co., Guardian bldg. Cleveland, O.

3694a—Depressors (Tongue)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

3695— Derailers (Car)

Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crossing Co. ("Porter"), 6917 Bessemer av, Cleveland, O.
Hayes Track Appliance Co. ("Hayes" Lifting & Pivot De-Rails, for Steam or Street Railways), Richmond, Ind.
Morden Frog & Crossing Works (Half Split), 208 S La Salle, Chicago, Ill.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Pettibone, Mulliken & Co., 140 S Dearborn, Chicago, Ill.
Pneumatic Gate Co., 1921 S Fairfield av, Chicago, Ill.
Q & C. Co., 90 West, New York
Railroad Supply Co. ("Chicago"), 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
Seattle Frog & Switch Co., Smith bldg., Seattle, Wash.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Track Specialties Co., 29 B'way, New York

3695a— Derivatives (Coal Tar)

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
Hooker Electrochemical Co., 40 Wall, New York
Marden, Orth & Hastings Co., 136 Liberty, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Semet Solvay Co., Syracuse, N. Y.

3696—Derrick Irons & Fittings

Allen Engineering Co., Inc., 14 N 55th, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
Boland Machine & Mfg. Co. (Horse Power Machine and Slings), 1006 Tchoupitoulas, New Orleans, La.
Boston Oregon Mast Co., 131 Coleridge, East Boston, Mass.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*

Derrick Irons and Fittings
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Lane Mfg. Co. (Derrick Turning Gears, Air or Steam), Montpelier, Vt.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Memphis Machine Works, Memphis, Tenn.
New Albany Machine Mfg. Co., New Albany, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Street Bros. Machine Works, Chattanooga, Tenn.
Stroudsburg Engine Works, Stroudsburg, Pa.
TERRY MFG. CO., Grand Central Terminal bldg, New York *See adv index at end of book*
Union Iron Works, Hoboken, N. J.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

Derrick Spars, Masts & Booms

See Masts & Spars

3696a1— Derrick Swingers

See also Engines, Swinging
Dake Engine Co., Grand Haven, Mich.
Wilson Machinery Co., 301-331 W 35th, Phila., Pa. *See adv index at end of book*

3696a—Derricks (A. Frame)

Allen Engineering Co., 14 N 55th, Phila., Pa.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Fall, N. Y. *See adv index at end of book*
Terry Mfg. Co., Grand Central Terminal bldg, New York *See adv index at end of book*
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

Derricks (Breast)

See Derrick Bldrs.

3697— Derricks (Builders')

See also Hoists, Various Kinds
Allen Engineering Co., 14 N 55th, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS SALES CO., Duluth, Hinn. *See adv index at end of book*
Dobbie Foundry & Machine Co. ("Dobbie" Breast Derricks), Niagara Falls, N. Y. *See adv index at end of book*
Hoisting Engine Sales Co., Grand Central Terminal, New York
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machy. Co., 2854 Minnehaha, Minneapolis, Minn.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark N. J.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Sasgen Derrick Co. ("Sasgen" Circle Swing, Hand Power), 3101 W Grand av, Chicago, Ill.
Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
Terry Mfg. Co., Grand Central Terminal bldg., New York *See adv index at end of book*
Williams G. H., Co., Erie, Pa.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

3698— Derricks (Crane)

Allen Engineering Co., 14 N 55th, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS SALES CO., Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y. *See adv index at end of book*
Lakeside Bridge & Steel Co., N Milwaukee, Wis.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Maine Electric Co. (Electric), Portland, Me.
Northern Engineering Works (Electric), 210 Chene, Detroit, Mich.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
Street Bros. Machine Works, Chattanooga, Tenn.
Terry Mfg. Co., Grand Central Terminal bldg, New York *See adv index at end of book*
Williams G. H. Co., Erie, Pa.
Wilson Machy Co., 301H, W 35th, Chicago, Ill.



TERRY

DERRICKS AND CRANES FOR ALL PURPOSES

We Specialize on

Stiff Leg, Guy, Barge and Traveling Derricks, of Timber or Steel, for Bucket or General Work.

TERRY MANUFACTURING COMPANY

Grand Central Terminal, New York City

WORKS: SO. KEARNEY, (NEWARK), N. J. Cable: TERRYCO, NEW YORK



3699— Derricks (Farm)

Friend Mfg. Co., Gasport, N. Y.
Heller-Aller Co., Napoleon, O.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Wilson Machy Co., 301H W 35th Chicago, Ill.

3700— Derricks (Floating or Barge)

Allen Engineering Co., 14 N 55th, Phila., Pa.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
O'Rourke Crane & Engng Co. (Timber & Steel), 366H Fifth av, New York
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

3701— Derricks (Folding)

Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

3702-3— Derricks (Guy)

Allen Engineering Co., 14 N 55th, Phila., Pa.
American Bridge Co. (Steel), 30 Church, New York
American Hoist & Derrick Co. (Self-Slewing Steel or Wooden), St. Paul, Minn.
Bedford Foundry & Machine Co. (Steel), Bedford, Ind.
Bronx Derrick & Tool Co. ("Dennis" for **Stone Setters, Iron Workers, etc.), 143d & Southern blvd, New York**
See adv index at end of book

BRONX DERRICK & TOOL CO.
Manufacturers of
"Dennis" DERRICKS
Guy Derricks, Hoisting Engines and Air Compressors for Sale or Rent
143d Street and Southern Blvd., New York

Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Continental Bridge Co., 460 Monadnock Block, Chicago, Ill.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York
Lakeside Bridge & Steel Co., No. Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Minneapolis Steel & Machinery Co. (Steel or Timber Mast, Steel Boom, **Operated by "Twin-City" Electric,** Gasoline & Steam Hoists), 2854 Minnehaha av, Minneapolis, Minn.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
National Iron Co., Duluth, Minn.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
O'Rourke Crane & Engng. Co., 366H Fifth av, New York
Sasgen Derrick Co. ("Sasgen" Guy Line,) 3101 W Grand av., Chicago, Ill.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Williams G. H. Co., Erie, Pa.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

3704—Derricks (Locomotive)

Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book
Wilson Machy. Co., 301H W 35th Chicago, Ill.

Derricks (Log Loading)

See Loaders, Log

3704a—*Derricks (Midget)

Haywood Co., 50 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

3705— Derricks (Misc.)

See also Cranes of Various Kinds; also Hoists of Various Kinds
Biegert J. C. Machine Works, Seattle, Wash.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

DERRICKS
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
Granite City Iron Works Co., St. Cloud, Minn.
Hayward Co., 50 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Horton, John T., 157th & 8th av, New York
Kelly L. J. Mfg. Co. (Breast & Ditch), Albany, N. Y.
Lake Shore Engine Works (& Derrick Hoisters), Marquette, Mich.
Lane Mfg. Co. (Boom), Montpelier, Vt.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Lincoln Iron Works, Rutland, Vt.
Northwestern Iron Works, Seattle, Wash.
Patch F. R. Mfg. Co., Rutland, Vt.
St. Cloud Iron Works, St. Cloud, Minn.
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
Smith, Whitcomb & Cook Co., Barre, Vt.
Superior Iron Works Co. (Heavy & Swinging Engines), Superior, Wis.
Taylor Portable Steel Derrick Co., 215 W **Grand av, Chicago, Ill.**
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Vogel Tool Co., 912 E 19th, Kansas City, Mo.
Washington Iron Works, Seattle, Wash.
Williams G. H. Co., Erie, Pa.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

3706—Derricks (Oil & Water Well)

Associated Well Supply Co. Inc., 111 Broad, New York. *See adv index at end of book*
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
National Supply Co. (Oil Well), Union Bank bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.

3707— Derricks (Pile Driving)

Clyde Iron Works Sales Co. (Mounted on Spool Rollers), Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Nashville Bridge Co., Nashville, Tenn.
National Iron Co., Duluth, Minn.
Smith, Theo. & Sons Co., ft Essex, Jersey City, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

3708— Derricks (Pipe)

Consolidated Expanded Metal Co., Braddock, Pa.
Mueller H. Mfg. Co. (Improved Derrick & Pipe Tongs for Water Mains), Decatur, Ill.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Taylor Portable Steel Derrick Co. (For Unloading Gondola Cars), 215 W. Grand av, Chicago, Ill.

3709— Derricks (Portable)

Allen Engineering Co., 14 N 55th, Phila., Pa.
BYERS MACHINE CO., THE, 242 Sycamore, Ravenna, O.
See adv index at end of book
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book

Exeter Machine Works, Pittston, Pa.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Schmeiser Mfg. Co., Hay, Davis, Cal.
Taylor Portable Steel Derrick Co. ("Taylor" Steel), 215 W Grand av, Chicago, Ill.
Terry Mfg. Co., Grand Central Terminal bldg., New York
See adv index at end of book
Williams G. H. Co., Erie, Pa.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

Derricks (Revolving)

See Derricks, Guy; also Derricks, Stiff-Leg

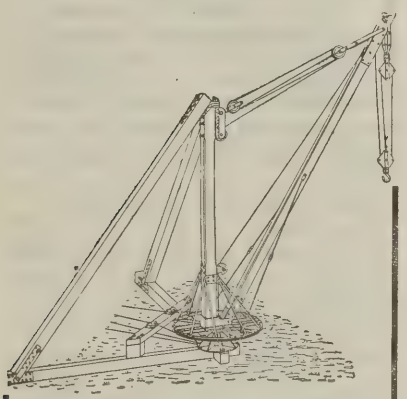
3710— Derricks (Steel)

See also Derricks, Misc.

American Bridge Co., 30 Church, New York
American Hoist & Derrick Co., St. Paul, Minn.
Bedford Foundry & Machine Co., Bedford, Ind.
Boss Pulling Machine Co. ("Handy"), Vanburen, Ind.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS SALES CO. (Stiff Leg Bull Wheel, etc.), Duluth, Minn.
See adv index at end of book

STEEL DERRICKS
Manufactured by
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

Continental Bridge Co., Peotone, Ill.
Continental Bridge Co., 460 Monadnock Block, Chicago, Ill.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book



Dobbie Foundry and Machine Co.
Steel Derricks, Fittings for Timber Derricks, Hand and Power Hoists
NIAGARA FALLS, N. Y.

Insley Mfg. Co. (Contractors') 3500 E St. Clair, Indianapolis, Ind.
Lakeside Bridge & Steel Co., No Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machinery Co. (Stiff Leg Operated by "Twin City" Electric, Gasoline or Steam Hoist), 2854 Minnehaha av, Minneapolis, Minn.
Nashville Bridge Co., Nashville, Tenn.
National Iron Co., Duluth, Minn.
Northern Engineering Works, 210 Chene, Detroit, Mich.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Williams G. H. Co., Erie, Pa.
Wilson Machy, Co., 301H W. 35th, Chicago, Ill.
Yorke Derrick Co. (For Well Drilling etc), Washington, Pa.

3711— Derricks (Stiff-Leg)

Allen Engineering Co., 14 N. 55th, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
Bedford Foundry & Machine Co. (Steel), Bedford, Ind.
Boston-Oregon Mast Co., 131 Coleridge, East Boston, Mass.
BRONX DERRICK & TOOL CO., 143d & Southern blvd., New York
See adv index at end of book
Brunner & Lay (Portable, Steam or Horse Power), 570 W Polk, Chicago, Ill.
Byers Machine Co., The, 242 Sycamore, Ravenna, Ohio
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clyde Iron Works Sales Co. (Steel, Bull Wheel, etc), Duluth, Minn.
See adv index at end of book
Continental Bridge Co., 460 Monadnock Block, Chicago, Ill.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York
Lakeside Bridge & Steel Co., No. Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Lombard Iron Works & Supply Co., Augusta, Ga.
Minneapolis Steel & Machinery Co. (Steel **or Timber Steel Boom Operated by "Twin-City," Electric, Gasoline or** Steam Hoist), 2854 Minnehaha av, Minneapolis, Minn.
Mitchell-Tappen Co. (Steel), 15 John, New York
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Nashville Bridge Co., Nashville, Tenn.
National Iron Co., Duluth, Minn.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
O'Rourke Crane & Engng. Co., 366H Fifth av, New York
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co. ("Sasgen"), 3101 W Grand av, Chicago, Ill.
South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Williams G. H. Co., Erie, Pa.
Wilson Machy, Co., 301H W. 35th, Chicago, Ill.

3712— Derricks (Sulky)

Channon Jas. H. Mfg. Co. (For Laying Pipe), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book

3713— Derricks (Tower)

American Hoist & Derrick Co., St. Paul, Minn.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Terry Mfg. Co., Grand Central Terminal bldg, New York
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.

3714— Derricks (Traveling)

Allen Engineering Co., Inc. (Electric & Steam), 14 N 55th, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Machine Co., The, 242 Sycamore, Ravenna, Ohio
See adv index at end of book
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
HAYWARD CO., THE (Steel), 30 Church, New York *See adv index at end of book*

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Hoisting Machy. Co., 50 Church, New York
Link-Belt Co., 300 W. 39th, Chicago, Ill.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.
TERRY MFG. CO., Grand Central Terminal bldg, New York
See adv index at end of book
Williams G. H. Co., Erie, Pa.
Wilson Machy Co., 301H W. 35th, Chicago, Ill.

3715— Derricks (Tripod)

Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y.
See adv index at end of book
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.

3715a—Designers of Special Tools, Jigs, Fixtures & Dies

Co-Operative Engng. Co., 50 Church, New York
Jaxon Co., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book
Johns Engineering Co., 625 Champlain av, Cleveland, O.
See adv index at end of book
Los Angeles Engineering & Mfg. Co., 1212H E. 6th, Los Angeles, Cal.
Modern Tool, Die & Machine Co., 216-220 N 4th, Columbus, O.
Myer-Moran Co., 210 N. Holliday, Baltimore, Md.
See adv index at end of book
North Side Tool Co., The, 17-19 Maryland av, Dayton Ohio
Pennsylvania Tool & Mfg. Co., York, Pa.
Ulmer, J. C. Co., 1791 E. 38th, Cleveland, Ohio
Walstad Machine Co., Tomasco, Wash.

3715b— De-Sizing

Malt-Diastase Co. ("Diax" & "Textase" for Bleaching, Dyeing, Mercerising, etc.), 79 Wall, New York

3716— *Desk Fittings

Grammes, L. F., & Sons, Allentown, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*

3716a— Desk Hardware

Minerallac Electric Co. ("Altman" Pushers), 1045 Washington blvd, Chicago, Ill.
Weber-Knapp Co., Jamestown, N. Y.

3717— Desk Mfrs.

Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Atlanta Table Co. (Office & Typewriter Tables), Atlanta, Ga.
Bagby Furniture Co., Eastern av & Exeter, Baltimore, Md.
Bentley & Gerwig Furniture Co. (Roll Top & Flat), Parkersburg, W. Va.
Browne-Morse Co., Muskegon, Mich.
Canton Furniture Mfg. Co., Canton, O.
Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
Central Mfg. Co., 454 Armour, Chicago, Ill.
Clemetsen Co. ("Clemco"), 2607 Flournoy, Chicago, Ill.
Cleveland Metalcraft Co. (Steel), E 71st & Belt Line, Cleveland, O.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Commercial Furniture Co., 2718 W Superior, Chicago, Ill.
Corry Fibre Furniture Co., Corry, Pa.
Cutler Desk Co. (Roll & Flat Top), Buffalo, N. Y.
Dearborn Desk Mfg. Co., Marion, Ind.
Dietz J. F. & Co., 4851 Spring Grove av, Cincinnati, O.
Dornette J. & Bro. Co., 1250 Harrison av, Cincinnati, O.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Eckman Furniture Co., Jamestown, N. Y.
Englewood Desk Co., 53th & Lowe av, Chicago, Ill.
Evansville Desk Co., Evansville, Ind.
Fassler Jacob, Utica, N. Y.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Forest City Furniture Co., Rockford, Ill.
Globe-Wernicke Co. (Sectional Card Index & Posting), 25 Carthage av, Cincinnati, O.
Gunn Furniture Co., Grand Rapids, Mich.
Hale Co., 14 Stone, New York
Haney School Furniture Co., Grand Rapids, Mich.
Hart Mfg. (Typewriter), Findlay, O.
Herrmann H. Furniture Co. (Typwriter), 370 Broome, New York
Himmel M. L. & Son, 113 Gay, Baltimore, Md.
Holman R. Co., Chelsea, Mass.
Honeoye Falls Furniture Co., Honeoye Falls, N. Y.
Horrocks Desk Co., Herkimer, N. Y.
Illinois School Furniture Co. (Flat Top, Typewriter & Roll Top), Rockford, Ill.
Imperial Desk Co. (Typewriter), Evansville, Ind.
Inner Braced Furniture Co., Elkhart, Ind.
Jamestown Metal Desk Co., Jamestown, N. Y.

DESK MFRS.—continued
Jasper Desk Co., Jasper, Ind.
Lauter H. Co., W Wabash & Harding, Indianapolis, Ind.
Leopold Desk Co., Burlington, Ia.
Marysville Cabinet Co. ("Queen" Typewriter), Marysville, O.
Metal Office Furniture Co. (Steel Office Desks), Grand Rapids, Mich.
Michigan Desk Co., Grand Rapids, Mich.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Office & School Furniture Co. (School), 801 S. E. 8th, Minneapolis, Minn.
Montgomery Table & Desk Co., Montgomery, Pa.
Myrtle Desk Co., High Point, N. C.
National Desk Co., Herkimer, N. Y.
Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
Novelty Wood Works Co., Union City, Pa.
Olsen O. C. S. Co., 2511 Moffat, Chicago, Ill.
Orpin Bros., Charlestown, Boston, Mass.
Peter & Volz Co., Arlington Heights, Ill.
Petersen A. Desk Co., 426 Armour, Chicago, Ill.
Quigley Furniture Co., The (Typewriter), Whitesboro, N. Y.
Quincy Show Case Works, Quincy, Ill.
Roehr Co., Bucyrus, O.
Sargent Mfg. Co. (House & Ladies), Muskegon, Mich.
Schwarzwaelder W., & Co., Chichester, N. Y.
Shelbyville Desk Co., Shelbyville, Ind.
Southern Desk Co. (Domestic Science & Teachers' Desks), Hickory, N. C.
Standard Furniture Co., Herkimer, N. Y.
Sterling Desk Co., Grand Rapids, Mich.
Tell City Desk Co., Tell City, Ind.
Toledo Desk & Fixture Co., Toledo, O.
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Ladies), Indianapolis, Ind.
Union Furniture & Novelty Co., Warren, Pa.
Valley City Desk Co., Grand Rapids, Mich.
Wagemaker Co., Grand Rapids, Mich.
Weis Mfg. Co., Monroe, Mich.
Western Furniture Co., Blair av & Palm, St. Louis, Mo.
Winnebago Furniture Mfg. Co. (Typewriter), Fond du Lac, Wis.
Winneberger Geo. & Son, 252 S 3d, Phila., Pa.
Winter Co., Sheboygan, Wis.
Witte J. C. Mfg. Co., 30 E Henn av, Minneapolis, Minn.
Yawman & Erb Mfg. Co., Rochester, N. Y.

3718— Desk Slides

STANLEY WORKS (Wrought Steel), **New Briton, Conn.**
See adv index at end of book

3719—Desk Swinging Attachments

Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Shelbyville Desk Co., Shelbyville, Ind.
Weis Mfg. Co., Monroe, Mich.

3719a—Desks (Factory & Shipping Room, Steel)

Lupton's David Sons Co., Allegheny av & Tulip, Philadelphia, Pa.
Lyon Metallic Mfg. Co., Aurora, Ill.

Desks (School)

See Furniture, School

3720— Desks (Steel)

See also Bank & Office Fixtures, Metallic
Art Metal Construction Co. (Check, Foremen's Log, Office), Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards O. M. Co., Inc., Syracuse, N. Y.
GENERAL FIREPROOFING CO., ("G-F. Allsteel"), Youngstown, Ohio
See adv index at end of book
Lupton's David Sons Co., Allegheny av & Tulip, Philadelphia, Pa.
Lyon Metallic Mfg. Co. ("Lyon" for Factories), Aurora, Ill.
Metal Office Furniture Co. (Office), Grand Rapids, Mich.
Steel Furniture Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.

3721—Destructors for Municipal Plants

Odorless Construction Co., 103 Park av (Tel. Van 4020), New York

3721a— Detectagraph

Boissonnault G. Co. ("Micropho"), 26 Cortlandt, New York

Detectors (Fire)

See Alarms, Fire

3722— Detectors (Ground)

GENERAL ELECTRIC CO. (Electrostatic), Schenectady, N. Y.
See adv index at end of book

3722a— Detectors (Marine Ice)

McNab Co. ("Frigidometers"), Bridgeport, Conn.

3723-4—Detectors (Water Waste)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Pitometer Co., 25 Elm, New York

3725-6-7— Detinning Plants

Metal & Thermit Corp., 120 Bway, New York; Works: East Chicago, Ind.; Wyandotte, Mich.; and Chrome, N. J.
National Tin Co., 21 Park Row, New York
Vulcan Detinning Co., Sewaren, N. J.

Detonators (Time and Electric)

See Blasting Supplies

3728— Devices (Tying)

McConway & Torley Co. ("A. R. A.," "Janney," "Penn," "Nemo" & "Pitt," made from Open Hearth Castings), 48th & A. V. RR., Pittsburgh, Pa.
Tie Co. ("Holdfast" for Clothes Lines, Corn Binders, Shock Compressors, etc), Unadilla, N. Y.

3729— Devulcanizers

See also Vulcanizers, Rubber
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Farrel Foundry & Machine Co. (Roller), Ansonia, Conn.
Thropp's, John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Thropp Wm. R. & Sons Co., Trenton, N. J.

3729a— Dewaterers

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Process Co., 68 William, New York
Chalmers Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Dorr Co., Denver, Col.
Industrial Filtration Corp., 115 B'way, New York
Mine & Smelter Supply Co., Denver, Col.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.

3730— Dextrine

Arabol Mfg. Co. (Jobbers), 100 William, New York
Behrend F. (Imp), 170 Front, New York
Bloede Victor G. Co., Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose"), 3722 N Randolph, Phila., Pa.
Corn Products Refining Co. (Globe), 17 Battery pl, New York
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
General Adhesive Mfg. Co., Inc. ("Dragon"), 469 Greenwich, New York
Glover Horatio N. & Son, Mattapan, Boston, Mass.
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.
Herrick & Voight, 68 Maiden lane, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
McCormick, J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Morningstar, Chas. & Co., Inc. (Imp.), 349 Broadway, New York
See adv index at end of book
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Gum & Mica Co. (Domestic or Imported), 59th & 11th av, New York
Nicol J. M, & J. S., Hawthorne, N. J.
Scheel Wm. H. (Imp), 159 Maiden la, New York
See adv index at end of book
Stein Hall & Mfg. Co., 111 W Wash., Chicago, Ill.
Tanner Chas. S. Co., 250 So Water, Providence, R. I.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

3731—Dials (Clock, Gauge, Scale, Meter, Etc.)

Auburn Button Wks. (Celluloid Number Wheels), Auburn, N. Y.
Cooper Oven Thermometer Co. (Clock Thermometer, Meter, etc), Pequabuck, Conn.
D. & G. Dial & Enameling Co., Waltham, Mass.
Electro Chemical Engraving Co. (Etched Metal), 450 19th, Brooklyn, N. Y.
Etching Co. of America (Clock & Speedometer), 1520H Montana, Chicago, Ill.
General Etching & Mfg. Co., 312 S Hamilton av, Chicago, Ill.
Ingram-Richardson Mfg. Co., Beaver Falls, Pa. *See adv index at end of book*
Manhattan Dial Mfg. Co., 40 Lexington av, Brooklyn, N. Y.
Metallograph Corp., 1100 Brook av, New York
Newark Brass Plate Engraving Co. (Etched Metal), 52 Lawrence, Newark, N. J.
O'Hara-Waltham Dial Co., Waltham, Mass.
Premier Metal Etching Co., 14th, Long Island City, N. Y.

3731a— Diamedobenzol

Middlesex Aniline Co., Inc., Singer bldg., New York

3731b— *Diamond Tools

Dessau Maurice S., 6 Maiden lane, New York *See adv index at end of book*
DIAMOND DRILL CARBON CO., 59 Park Row, New York
Modern Diamond Tool Co., Marquette bldg. Detroit, Mich.

3731c—Diamonds for Industrial Purposes

See Also Carbon, Black Diamonds & Bortz
Acme Diamond Tool Co., 12-16 John, New York
Dessau, D., Printing Crafts bldg, 33rd & 34th & 8th av, New York
See adv index at end of book

Est. 1875
CARBON (Black Diamonds) & BORTZ
For Diamond Drills and All Mechanical Purposes
D. DESSAU
Printing Crafts Bldg. (33rd to 34th St.—8th Ave.) New York

Dessau Maurice S., 6 Maiden la, New York
See adv index at end of book

MAURICE S. DESSAU
Importer of
CARBON (Black Diamonds) and BORTZ (Rough Diamonds)
For DIAMOND POINTED TOOLS and DIAMOND DRILLS for all Industrial Purposes
6 MAIDEN LANE NEW YORK

DIAMOND DRILL CARBON CO., 59 Park Row, New York
Gutman Chas. (Imp), 35 Nassau, New York

3732— Diamonds (Glaziers')

Acme Diamond Tool Co., 12-16 John, New York
Crafts, Arthur A., 125 Summer, Boston, Mass.
Dessau, D., Printing Crafts bldg, 33rd & 35th & 8th av, New York
See adv index at end of book
Dessau Maurice S., 6 Maiden la, New York
See adv index at end of book
Dessau's, S. Sons, Printing Crafts bldg, 33rd & 34th & 8th av, New York
Dessau's S. Sons, 106 Maiden la, New York
Dickinson Thos. L., 64 Nassau, N. Y.
Gutman Charles (Imp), 35 Nassau, New York
Levine Abr., 14 John, New York
Modern Diamond Tool Co., Marquette bldg. Detroit, Mich.

3732a—*Diamonds (Rough)

Acme Diamond Tool Co., 12-16 John, New York
Dessau, Maurice S., 6 Maiden lane, New York *See adv index at end of book*
DIAMOND DRILL CARBON CO. (Also Brazilian), 59 Park Row, New York
Gutman Chas. (Imp), 35 Nassau, New York

3732b— Dianisidine

Du Pont E I de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

3733— Diaphragms (Car)

See also Diaphragms, Rubber, etc.
Goepel C. F. & Co., 137 E 13th, New York
Mulconroy Co., 54th & Jefferson, Phila., Pa.

Diaphragms (Carbon)

See Carbon Mfrs.

3734— Diaphragms (Copper)

American District Steam Co., No. Tonawanda, N. Y.
U. S. Indestructible Gasket Co. (Also Metallic, Bronze, etc.), Church & Fulton, New York
See adv index at end of book

3734a—Diaphragms (Monel Metal)

Suplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

Diaphragms (Pump)

See Diaphragms, Rubber

3735— Diaphragms (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Empire Tire & Rubber Corp. ("Edison" & High & Low Pressure), Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Damper," "Dumps," "Eames" Vacuum Brake), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Hamilton sq, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., Reade & Church, New York Chicago, Ill. 325 W. Randolph, Houston, Texas
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

3735a—Diaphragms (Screen, Paper Makers')

Boston Belting Corp., 84 Linden Park, Boston, Mass.

3735b— Diastase

Digestive Ferments Co., 920H Henry, Detroit, Mich.
Parke Davis & Co., Detroit, Mich.

3736— Dibbles

Bateman Mfg. Co., Grenloch, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Johnson Wm. (Hedenberg Works), (Wood Handle & All Iron), Newark, N. J.

3737— Dice

Celluloid Co., 36 Washington pl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Du Pont E I de Nemours & Co., Inc., Pyralin Div. (Spot, Paker), Wilmington, Del. *See adv index at end of book*
Ivoryloid Co., Inc. ("Ivoryloid," "Ace Brand"), 200 5th av, New York
Kyoto Mfg. & Trading Co., 31 E 17th, New York
Waterbury Button Corporation (Composition & Ivory), 831 S Main, Waterbury, Conn. *See adv index at end of book*

3737a— Dichlorbenzol

Marden Orth & Hastings Co., 136 Liberty, New York
Monsanto Chemical Works, St. Louis, Mo.
Niagara Alkali Co., Niagara Fall, N. Y.
Rollin Chemical Corp., 120 B'way, New York

3738-9— Dichlormethane

Dow Chemical Co., Midland, Mich.

3740— Dictographs

Dictograph Co., 220 W 42d, New York

Die Blocks, see Blocks, Die

3740a— Dicyandiamide

American Cyanamid Co., 511 5th av, New York

Die Blocks

See Blocks, Die

Die Blocks (Steel)

See Blocks, Die

3741—Die Blocks (Vanadium Steel)

Bethlehem Steel Co. (Crucible & Open Hearth), S Bethlehem, Pa.
Carpenter Steel Co. (Crucible & Open Hearth), Reading, Pa.
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co., Inc., 191 Pearl, New York *See adv index at end of book*
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, Ohio *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 S Dearborn st, Chicago, Ill.
The Hammond Steel Co., Inc. (Crucible & Open Hearth), Solway, N. Y.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
Titusville Forge Co. ("Tico"), Titusville, Pa.
Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.

3741a— *Die Castings

See also Castings, Die Cast

Burns & Croft Co., 2239 Herndon, Chicago, Ill. *See adv index at end of book*

BURNS-CROFT CO.
2239 Herndon Street, Chicago, Ill.

3742—Die, Jig & Fixture Work

Malm & Stahl Tool Works, 561 Washington, Chicago, Ill.
McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.
Myer-Moran Co. (Die Casting), 210 N. Holliday *See adv index at end of book*
Pennsylvania Tool & Mfg. Co., York, Pa.

3743— *Die Pressed Metal

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*

3744— Die Sinkers

BLISS E. W. CO. (For Sheet Metal Work), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Drop Die & Engineering Co., 5606 Curtiss av, Cleveland, Ohio
Ellwood City Forge Co., Ellwood City, Pa.
Frank Aug. C., 732 Sansom, Phila., Pa.
Hart H. C. Mfg. Co., Unionville, Conn.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Jefferson Christ. D., 25 N 7th, Phila., Pa.
Johnson D. E. Co., 140 William, New York
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kersting J. H., 75 Fulton, New York
Konigslow E. Stamping & Tool Works, Cleveland, O.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Ness Geo. M. Jr., 61 Fulton, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Perkins Machine Co., Warren, Mass.
Pietz Adam, 1011 Chestnut, Phila., Pa.
R. & S. ENGRAVING & DIE WORKS, 625 W Jackson blvd, Chicago, Ill. *See adv index at end of book*
Richard Mfg. Co., Bloomsburg, Pa.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Stow Mfg. Co., Binghamton, N. Y. *See adv index at end of book*
Wagenfohr Chas. Sr., 140 W B'way, New York
Walter N. C. & Sons, 3 Park row, New York
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3745— Die Sinkers Outfits

Coates Clipper Mfg. Co. ("Portable" Electric & Hand Power), Worcester, Mass.

Die Stocks

See Stocks & Dies; also Pipe Cutting & Threading Machines

3745a— *Die Stock (Shoe)

COES, LORING & CO., INC. (For Leather & Paper Cutting Dies), Coes sq., Worcester, Mass. *See adv index at end of book*

3746— *Dies (Adjustable)

See also Dies, Adjustable Expanding

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightening," "Green River," "O. K." & "G. T. D.," Opening "Button"), *See adv index at end of book*
Murchey Mach. & Tool Co., 951H Porter, Detroit, Mich.

3747—Dies (Adjustable Expanding)

AMERICAN TAP & DIE CO. ("Adamantine" & "Eagle Brand," Solid "Acme" twopiece), Greenfield, Mass. *See adv index at end of book*
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
Borden Co., The, Warren, O.
Card S. W. Mfg. Co. (Round), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Conant & Donelson ("Reliable"), Conway, Mass.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Gardam Wm. & Son, 114 Park pl, New York
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Modern Tool Co. (Self-Opening), 300 State, Erie, Pa. *See adv index at end of book and adv on next page*
Morse Twist Drill & Machine Co. ("Morse") New Bedford, Mass.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Saunders D. Sons, Yonkers, N. Y.
Standard Machinery Co., Providence, R. I.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Winter Bros. Co. (Round), Wrentham, Mass.

3748—Dies (Armature-Disk Cutting)

Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
BLISS E. W. CO., 19 Adams, B'klyn, N. Y. *See adv index at end of book*
Franklin Die & Tool Co., Columbus, O.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.

3749— Dies (Automatic)

Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Columbia Metal Stamping Co., Cleveland, Ohio
Eagle Engng. Co., Springfield, O.
Gardam Wm. & Son, 114 Park pl, New York
Geometric Tool Co. ("Geometric" Self-Opening & Adjustable), New Haven, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Jones & Lamson Machine Co. ("Hartness"), Springfield, Vt.
Landis Machine Co., Waynesboro, Pa.
Meyers Willard F., Bedford, Ind.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Murchey Mach. & Tool Co., 951H Porter, Detroit, Mich.
Nelson Tool Co., Inc., 782 E 142d, New York
North Side Tool Co., 17-19 Maryland av, Dayton, O. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Ricket-Shafer Co., Erie, Pa.
Scott & Sons Co. (Expanding), Medford, Mass.
Standard Machinery Co., Providence, R. I.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
V. & O. Press Co., Dry Hrbr rd, Glendale Station, N. Y.

3750— Dies (Automobile)

Acklin Stamping Co., 1659 Dorr, Toledo, O. *See adv index at end of book*
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Central Machine & Tool Co., The, 1214-1216 Dorr, Toledo, O. *See adv index at end of book*

Central Machine & Tool Co.
1214-16 Dorr St., TOLEDO, O.
Manufacturers of
Dies, Tools, Jigs, Fixtures
Special Machinery

DROP DIE & ENGINEERING CO., 5606 Curtis av, Cleveland, Ohio
Franklin Die & Tool Co., Columbus, O.
GREENFIELD TAP & DIE CORP. ("Little Giant," "Giant," "O. K." & G. T. D. Threads), Greenfield, Mass. *See adv index at end of book*
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Monarch Tool & Mfg. Co., The, 122 Opera pl, Cincinnati, O.

3750a— *Dies (Bakelite)

Jaxon Co., 1010-12-14 Jackson, Toledo, O. *See adv index at end of book*

Bakelite Dies
THE JAXON COMPANY
Tools, Dies and Machine Work
LA FRANCE BUILDING
1010-12-14 Jackson St.
TOLEDO, OHIO.

Security Tool Works, 115 S Clinton, Chicago, Ill.

MODERN

"Modern" Tools have an established reputation for superiority, due largely to Modern distinctive design and painstaking workmanship. Our list of manufactures includes the following :

"MODERN"—
Self-Opening Die Heads, Adjustable, 17 sizes, threading range 1/16" to 7". For use on both turret machines and revolving spindle machines. Send for bulletin.

"MODERN"—
Solid Die Heads, Adjustable, 7 sizes; capacity ⅛" to 4". Send for bulletin.

"MODERN"—
Hollow Milling Tools, Adjustable, 7 sizes; capacity ⅛" to 4". Send for bulletin.

"MODERN"—
"Magic" Chuck & Collets. For quick change of small tools. Positive drive, 6 sizes, 1-5/16" to 4-1/16" outside diameter. Friction drive 5 sizes. Send for bulletin.

"MODERN"—
Tapping Attachments. Two styles, two sizes. Fitted with Modern "Magic" Chuck or with Skinner Chuck. Used on any upright revolving spindle machine. Send for bulletin.

"MODERN"—
Plain Grinding Machines. Full self-contained; made in sizes—8"x18", 8"x30", 12"x36", 12"x48", 12"x60", 16"x36", 16"x48", 16"x60". Send for bulletin of size wanted.

"MODERN"—
No. 3 Universal Grinding Machine. Normal range 13"x40". Send for bulletin.

"MODERN"—
Internal Grinding Machine. One model with choice of two sizes standard, interchangeable fixture. Send for bulletin.

"MODERN"—
Chaser Grinding Machine. For all chasers having parallel sides; is also efficient small tool room grinder.

MODERN TOOL CO., Erie, Pa., 300 State Street

BRANCH OFFICES:

New York, N. Y. Detroit, Mich. Cleveland, Ohio. Chicago, Ill. Philadelphia Pa. Buffalo, N. Y.

Canadian Agents: RUDEL-BELNAP MACHINERY COMPANY., LTD., Toronto and Montreal
California Representatives: HERBERTS MACHINERY & SUPPLY CO., San Francisco and Los Angeles
Sales Representatives: France, England, Spain, Italy, Sweden, Switzerland and Japan

3750b— Dies (Bending)

Drop Die & Engineering Co., 5606 Curtiss av, Cleveland, Ohio
Franklin Die & Tool Co. (The) Columbus, O.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Nelson Tool Co., Inc., 782 E. 142d, New York

3751— Dies (Bell)

See also Dies, Punching

Cyclops Foundry Co., Union Bank bldg, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

3751a— *Dies (Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3752— Dies (Blacksmiths')

Am. Die & Tool Co., Reading, Pa.
Champion Blower & Forge Co., Lancaster, Pa.
Sterling Drop Forge Works, Cicero, Ill.

3753— Dies (Blanking)

See also Dies, Punching

Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
California Tool Works, 181 Beale, San Francisco, Cal.
Central Machine & Tool Co., The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Eagle Engineering Co., Springfield, O.
Franklin Die & Tool Co., Columbus, O.
GASKET SUPPLY CO. (For all kinds of Sheet Metal Work), 1927 Ludlow, Phila., Pa. *See adv index at end of book*
General Machine & Mfg. Co., Bridgeport, Conn.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Jaxon Co., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book
Kinzig Tool Co., 1239H W 3rd, Cleveland, O.
Mehl Mach. Tool & Die Co., Roselle, N. J.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Nelson Tool Co., Inc., 782 E 142d, New York
Newman Tool Co., 241 Centre, New York
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
Potter, S. A., Tool & Machine Works, 79 E 130th, New York
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.

3754— Dies (Bolt Cutter)

Pratt & Whitney Co. ("Grant"), Hartford, Conn.

3755—Dies (Bolt Threading, Solid, Etc.)

AMERICAN TAP & DIE CO. ("Eagle Brand," Solid Square), Greenfield, Mass. *See adv index at end of book*
Armstrong Mfg. Co. ("Armstrong," Adjustable Bolt Threading), 278 Knowlton, Bridgeport, Conn.
Bay State Tap & Die Co. ("Bay State" Machine or Solid Bolt), Mansfield, Mass.
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
Blancke A. C. & Co. (High Speed & Carbon), 602 S Lake, Chicago, Ill.
Brown H. B. Co., East Hampton, Conn.
Brubaker W. L. & Bros. (Solid), Millersburg, Pa.
Card S. W. Mfg. Co. (Machine or Solid), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Solid Boynton & Plummer), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O., K." "G. T. D." Round, Solid, Square & Hexagon), Greenfield, Mass. *See adv index at end of book*
Jamestown Die & Tool Co., Dept. H, Jamestown, N. Y.
Landis Machine Co., Waynesboro, Pa.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co., Millersburg, Pa.
Reed Mfg. Co., Erie, Pa.
Standard Tool Co., 6700 Central av, Cleveland, O.
Webster & Perks Tool Co., Springfield, O.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3756— Dies (Box Printing)

American Name Plate Co., 352 Atlantic av, Boston, Mass.
Becker August Engraving Co., 247 Atlantic av, Boston, Mass.
BORGSTROM G. J., 118 S Clinton, Chicago, Ill.
Dickey Grabler Works, of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Fries Anthony J., 717 Sycamore, Cincinnati, Ohio
Koehler Henry L. Mfg. Co., Louisville, Ky.
Matthews James H. & Co. (Brass & Rubber), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO

STEEL or BRASS
PRINTING DIES AND ROLLS
Single or Multicolor, for Printing Boxes, Bags, etc.
R & S ENGRAVING AND DIE WORKS
625 W. Jackson Blvd., Chicago, Ill.

Schridde Wm., 358 W Madison, Chicago, Ill.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

3757—Dies (Brick & Clay Workers')

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Louisville Machine Mfg. Co., Louisville, O.
Mueller Machine Co., Trenton, N. J.

Sharp Mfg. & Supply Co., New Phila, O.
Steele J. C. & Sons, Statesville, N. C.
Stevenson Co., Wellsville, O.

3758— Dies (Button)

Defiance Button Machine Co., 43 W 24th, New York
Markels Leonard, 165 William, New York
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

3759— Dies (Can Makers')

Adriance Machy. Works, 80 Richards, Brooklyn, N. Y.
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Ayars Machine Co., Salem, N. J.
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Cameron Can Mach. Co., 240 N Ashland av, Chicago, Ill.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lees John, Indianapolis, Ind.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
McCall Machine Works, Rochester, N. Y.
Matthews James H. & Co. (Semi-Automatic), 3942 Forbes, Pittsburgh, Pa.
Nelson Tool Co., Inc., 782 E 142d, New York
Ranz Stamping Tool Co., 1509 N Broadway, St Louis, Mo.
Seattle-Astoria Iron Works, Seattle, Wash.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, O.

3760—Dies (Chilled Hammer)

American Brake Shoe & Foundry Co. (Steel), 30 Church, New York
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Marchant Geo. F. Co., 1420 S Rockwell, Chicago, Ill.
Philadelphia Roll & Machine Co. (Cast Iron), 25th & Washington av, Philadelphia, Pa.

3760a—Dies (Chilled Iron)

Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.

3761—Dies (Compression Rivet)

Marchant Geo. F. Co., 1420 S Rockwell, Chicago, Ill.

3762— Dies (Corrugated)

Independent Die Co., Brockton, Mass.

3763— Dies (Cutting)

Adams John J. (For Leather, Cloth, Rubber, Paper, etc), Worcester, Mass.
Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
Am. Die & Tool Co., Reading, Pa.
Anderson Tool Co., Elyria, O.
Atcheson Tool & Die Co., Columbus, O.
Baird Machine Co., Bridgeport, Conn.
Barrett Bros., 43 Haverhill, Boston, Mass.
Beach Mfg. Co., Little bldg, Boston, Mass.
Beard Machine Co. Inc., 350 Walton av, New York
Beaudry T. J. & Son, Marlboro, Mass.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Brockton Die Co., Brockton, Mass.
Butterfield & Co., Derby Line, Va.
Callaghan Machine & Die Co., Canton, O.
Carpenter L. A., Press Metal Co. Cambridge, Mass.
Cedar Tool & Gage Corp. (To Order), 1862 State, Bridgeport, Conn.
Central Machine & Tool Co., The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Central Tool & Die Co., Dayton, O.
City Machine & Tool Wks., Dayton, O.
Columbia Metal Stamping Co., Cleveland, Ohio
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Crown Die & Tool Co., 553 W Monroe, Chicago, Ill.
Dayton Machine Products Co., Dayton, O.
Dayton Reliance Tool & Mfg. Co., Dayton, Ohio
Dayton Stamping & Tool Co., Dayton, O.
Dayton Tool Co., Dayton, Ohio.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dewes John-Gumbs Die Co. (For Paper, Envelopes, Shirts, Pocketbooks, Fabrics, etc), 403 Broome, New York
Eagle Engineering Co., Springfield, O.
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Franklin Die & Tool Co., Columbus, O.
GASKET SUPPLY CO. (For Leather, Cloth, Rubber, Paper, etc), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Gelras Mfg. Co., 4173 156th, New York
Gem Mfg. Co., Goebel nr. Fulton NS, Pittsburgh, Pa. *See adv index at end of book*



Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Griswold George M. Machine Co., New Haven, Conn.
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hoggson & Pettis Mfg. Co. (Paper, Cloth & Rubber), New Haven, Conn.
Independent Die Co. (For Leather, Cloth, Paper, Rubber, etc), Brockton, Mass.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Johns Engineering Co., 625 Champlain av, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Knox J. E. & Co., Lynn, Mass.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lees John, Indianapolis, Ind.
Gustave Lidseen, 832 S Central av, Chicago, Ill.
Loyd Jno. Co., 124 Baxter, New York
Long Adam A. Machine Works, Rochester, N. Y.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Mehl Machine Tool & Die Co. (Paper, Cloths & Rubber), Roselle, N. J.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
Modern Pattern Co., 150 Clinton, Milwaukee, Wis.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Monarch Engineering Co., 230 E First, Dayton, O.
Moore Eastwood Co., 116 E 4th, Dayton, O.
National Acme Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.
Nelson Blower Furnace Co., L. & Elkins, Boston, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York
Nestor Mfg. Co., 40 W 13th, New York
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
New York Die-White-Schroeder Co., 245 Center, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
Nye Tool & Machine Works, 108 N Jefferson, Chicago, Ill.
Osborne C. S. & Co. (For Cloth, Leather & Paper), Box 183, Newark, N. J.
See adv index at end of book
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Perkins Machine Co., Warren, Mass.
Phila. Cons. Die Co., 327 Race, Phila, Pa.
Pratt & Whitney Co., Hartford, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Randall J. D. Co. (Leather Cutting), 610 W Court, Cincinnati, O.
Randenburg, Ernest, 208 E 27th, New York
See adv index at end of book
Ranz Stamping Tool Co., 1509 N Broadway, St. Louis, Mo.
Richard Mfg. Co., Bloomsburg, Pa.
Rochester Cutting Die Co., Rochester, N. Y.
Rock River Machine Co., Janesville, Wis.
Ross-Moyer Mfg. Co., Cincinnati, O.
S-P Manufacturing Co., 872 E 72nd, Cleveland, O.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Schlueter A. & Co., 297 Washington, Newark, N. J.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Standard Machinery Co., Providence, R. I.
Standard Tool Co., 6700 Central av, Cleveland, O.
Steel Products Engineering Co., Springfield, O.
Stoll D. H. Co., Buffalo, N. Y.
Stortz John & Son, 210 Vine, Phila., Pa.
Superior Die Tool & Machine Co., Columbus, O.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Twin-O-Matic Machine & Tool Co. Inc., 160 John, Bklyn, N. Y.
Universal Machine & Tool Co., Canton, O.
U. S. Tool Co., 3160 W 106th, Cleveland, O.
Utility Tool & Die Co., 2941 Monroe, Dayton, O.
Van Pelt Geo. H. (for Leather), 440 W Huron, Chicago, Ill.
Verdin Kappes & Verdin Co., Cincinnati, Ohio
V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.
Wisconsin Metal Products Co., Racine, Wis.
Wootten & Peckworth, 1122 Hamilton, Phila., Pa.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, Ohio
Zeidler, William A., Co., 182 Locust av, New York

Dies (Diamond)

See Dies Wire Drawing

3764— Dies (Die Castings)

Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Jaxon Co., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book
Kramer H. & Co., 1324 W 21st, Chicago, Ill.
Marf Machine & Die Casting Co., Inc., 17 Vanderwater, New York

3765— Dies (Drawing)

Bauroth E. F., Toledo, O.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bowen, G. F. Machine Co., Inc., 24 Scott, Newark, N. J.
Central Machine & Tool Co. The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co. (For Lamp Work, etc), 955 Cleveland av, Columbus, O.
Drop Die & Engineering Co., 5606 Curtiss av, Cleveland, Ohio
Franklin Die & Tool Co., Columbus, O.
Freeman F. W., Co., 160 Portland, Boston, Mass.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
JAXON CO., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book
Lansing Stamping & Tool Co., Lansing, Mich.
Lees John, Indianapolis, Ind.
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Lindell Die & Tool Co., Lansing, Mich.
Long Adam A., Rochester, N. Y.
McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stein Wm. P. & Co., Rochester, N. Y.
Thatcher-Rueter Mfg. Co., Cleveland, O.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, Ohio

3766—Dies (Drawing, Triple Action)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3767— Dies (Drop Forging)

Champion Machine & Forging Co, 3690 E 78th, Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
DROP DIE & ENGINEERING CO., 5606 Curtiss av, Cleveland, O.
Hartford Drop Forge Co., Hartford, Conn.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hollander & Johnson, Worcester, Mass.
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.
Lindell Die & Tool Co., Lansing, Mich.

3768—Dies (Electro-Plating)

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

3769— Dies (Embossing)

American Name Plate Co., 352 Atlantic av, Boston, Mass.
Becker August Engraving Co., 247 Atlantic av, Boston, Mass.
Columbia Metal Stamping Co., Cleveland, Ohio
Dickey Grabler Works, of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
GASKET SUPPLY CO., 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
Hibbard W. H. Mfg. Co., 79 Wash, Brooklyn, N. Y.
Kersting J. H., 75 Fulton, New York
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Leffler Chas & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Nelson Tool Co., Inc., 782 E 142d, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

R&S ENGRAVING CHICAGO R&S ENGRAVING CHICAGO R&S ENGRAVING CHICAGO
SUPER-DREAD-NOT QUALITY
EMBOSSING DIES
Any Style or Design for Embossing Anything
R & S ENGRAVING AND DIE WORKS
625 W. Jackson Blvd., Chicago, Ill.

Ringler F. A. Co. (Leather), 207 W 25th, New York
Schoder & Lombard Stamps & Dies Co., 202 Centre, New York
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Standard Machinery Co., Providence, R. I.
Stein Wm. P. & Co., Rochester, N. Y.
Stuppmann C. & Co., W Hoboken, N. J.
Superior Die Tool & Machine Co., Columbus, O.
Swaine F. J Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor-Shantz Co., Rochester, N. Y.
Wiggins John B. Co., 1104 S Wabash av, Chicago, Ill.

3770-1-2—Dies for Crushing Machinery

Standard Steel Works Co., Morris bldg, Phila., Pa.

Dies (Forming)

See Dies, Stamping

3773— Dies (Gas Fixture)

AMERICAN TAP & DIE CO. (Taps & Dies), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

Dies (Glove Cutting)

See Glove Machinery

3774— Dies (Household)

Wells & Richardson Co. ("Diamond"), Dept. H, Burlington, Vt.

3775— Dies (Jewelers)

Crucible Steel Co. of Amer., Oliver bldg, Pittsburgh, Pa.

3776—*Dies (Machine or Solid Bolt)

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightning," "Green River," "O. K" & "G. T. D."), Greenfield, Mass. *See adv index at end of book*
Smith R. G. Tool & Mfg. Co., 315H Market, Newark, N. J.

3776a— *Dies (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3777— Dies (Notching)

Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Nelson Tool Co., Inc., 782 E 142d, New York
Rock River Machine Co., Janesville, Wis.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

3778— Dies (Opening)

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Errington F. A. (Automatic), 39 Cortlandt, New York.
Geometric Tool Co. ("Geometric" Self-Opening), New Haven, Conn.
Jones & Lamson Machine Co. ("Hartness" Automatic), Springfield, Vt.
Modern Tool Co. ("Modern" Adjustable), 300 State, Erie, Pa.
See adv index at end of book
Murchey Mach. & Tool Co., 941H Porter, Detroit, Mich.
National Acme Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.
National Machinery Co., Tiffin, O.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co., Greenfield, Mass.
Stoll D. H. Co., Buffalo, N. Y.

Dies (Piercing)

See Dies, Punching

3779—Dies (Pipe Threading)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Ashcroft Mfg. Co., 119 W 40th, New York
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
Borden Co., The ("Beaver"), Warren, Ohio
Brubaker W. L. & Bros. (Solid Gas Pipe), Millersburg, Pa.
Card S. W. Mfg. Co. ("Smith," Adjustable, etc), Mansfield, Mass.
Carpenter J. M., Tap & Die Co., Pawtucket, R. I.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crown Die & Tool Co., 553 W Monroe, Chicago, Ill.
Curtis & Curtis Co., Bridgeport, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D.", "Little Giant", "O. K." Round), Greenfield, Mass.
See adv index at end of book
Handy Mfg. Co., Bridgeport, Conn.
Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse," Solid), New Bedford, Mass.
Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.
National Pipe Die & Machine Co. ("Three-In-One"), Archbold, O.
Nye Tool & Machine Works ("Nye"), 108 N Jefferson, Chicago, Ill.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reed Manfg. Co., Dept. H, Erie, Pa.
Saunders D. Sons, Yonkers, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.
Walworth Mfg. Co. ("Hill's"), Boston, Mass.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3780— Dies (Porcelain)

Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Kuhn & Jacob Machine & Tool Co., Trenton, N. J.
Logan Edw. Machine Co., Trenton, N. J.
Mueller Mach. Co., Trenton, N. J.
Mycock Machine Works, Trenton, N. J.

3781— Dies (Pottery)

Ivens Wm. H. Sons Co. ("Ivens"), P. O. Box 647, Trenton, N. J.

Dies (Press)

See Dies, Punching

3782— Dies (Punching)

Adriance Machine Works, 80 Richards Brooklyn, N. Y.
Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
Am. Can. Co., 104 S Michigan av, Chicago, Ill. *See adv index at end of book*
American Die & Tool Co., Reading, Pa.
American Metal Works, Stenton & Rockland, Gtn., Phila, Pa.
AMS MAX MACHINE CO. ("Ams" For Can Makers), 101 Park av, New York
Anderson Tool Co., Elyria, O.
Atcheson Tool & Die Co., Columbus, Ohio
Badger State Machine Co., Janesville, Wis.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Beard Machine Co. Inc., 350 Walton av, New York
Bettcher Stamping & Mfg. Co. The, 6120 Clark av S W, Cleveland, O.
B. J. Stamping Co., The, 1435-1437 Dorr, Toledo, O. *See adv index at end of book*
Bliss A. H. & Co., No. Attleboro, Mass.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bowen G. F. Machine Co., Inc., 24 Scott, Newark, N. J.
California Tool Works, 181 Beale, San Francisco, Cal.
Callaghan Machine & Die Co., Canton, O.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Central Machine & Tool Co. The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Central Tool & Die Co., Dayton, O.
Christie-Kline Forging & Machine Co., 2739 Guoin, Detroit, Mich.
City Mach. & Tool Wks., Dayton, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland National Machine Co., 1366 W 70th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Dayton Stamping & Tool Co., Dayton, O.
Delaware Tool Co., Wilmington, Del.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
DROP DIE & ENGINEERING CO., 5606 Curtiss av, Cleveland, Ohio
Duncan Co., The, 508 Water, Toledo, O.
Eagle Engineering Co., Springfield, O.
Franklin Die & Tool Co., Columbus, O.
Freeman F. W. Co., 160 Portland, Boston, Mass.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gem City Mach. Co., Dayton, O.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gooley & Edlund, Cortland, N. Y.
GRAND RAPIDS BRASS BED CO. (For Sheet Metal), Grand Rapids, Mich.
See adv index at end of book
Gray Iron Foundry Co., Reading, Pa.
Great Lakes Pressed Steel Corp., 1400 Niagara, Buffalo, N. Y.
Hammond Steel Co., Inc. (Forged), Solvay, N. Y.
Hanson Tool & Die Co., 1330 12th, Detroit, Mich.
Harry Bros. Mfg. Co., 282 Woodbridge, E. Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Herron Mfg. Wks., Div. of the Bossick Co. (Bridgeport, Conn.), jigs & fixtures, dies, gages & special machinery, Utica, N. Y.
Hibbard W. H. Mfg. Co., 79 Wash., Brooklyn, N. Y.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Inland Machine Works, 17th & Locust, St Louis, Mo.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
JAXON CO., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book
Johns Engineering Co., 625 Champlain av, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kinzig Tool Co., 1239 W 3rd, Cleveland, O.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lake Erie Forge Machine Co. (Forged), Cleveland, O.
Lees John, Indianapolis, Ind.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Leonard Machy & Tool Co., Inc., 609 S Paulina, Chicago, Ill.
Lindell Die & Tool Co., Lansing, Mich.
Long Adam A., Rochester, N. Y.
Loshbough-Jordan Tool & Machine Co. 159 E Marion, Elkhart, Ind.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
McCall Machine Works. Rochester, N. Y.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Mailometer Co., 1093 Jefferson av, E, Detroit, Mich.
Marite J. & Sons, 23 Kane, Buffalo, N. Y.
Miami Engineering Co., Dayton, Ohio
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Monarch Engng. Co., 230 E 1st, Dayton, O
Monarch Tool & Mfg. Co. The, 122 Opera pl, Cincinnati, O.
Mossberg Frank Co. (For Metal work), Attleboro, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York
Nestor Mfg. Co., 40 W 13th, New York
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
Newman Tool Co., 241 Centre, New York
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
North Side Tool Co. The, 17-19 Maryland av, Dayton, O.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
Pittsburgh Iron & Steel Foundries Co. ("Adammite"), Midland, Pa.
Pollard Engineering Co., 169 N Jefferson, Chicago, Ill.
Potter, S. A. Tool & Machine Works, 79 E 130th. New York
Pratt & Whitney Co., Hartford, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.
Richards I. P. Co.,, 23 Pemberton, Providence, R. I.
Roberts Tool Co., Irvington, N. J.
Robinson J. M. Mfg. Co., 3288H Spring Grove av, Cincinnati, O.
ROBINSON TOOL WORKS, INC., Waterbury, Conn. *See adv index at end of book*
Rock River Machine Co., Janesville, Wis
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Saunders Co., 1700 Brooklyn av, Kansas City, Mo.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Smith Thos. Co., Worcester, Mass.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Standard Die & Stamping Co., Arrott Power bldg, Pittsburgh, Pa.
Stein Wm. P. & Co., Rochester, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Superior Die Tool & Machine Co., Columbus, O.
Superior Metal Products Co., Elyria, O.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor-Shantz Co., Rochester, N. Y.
Thatcher-Reuter Mfg. Co., Cleveland, O.
Thomson Mach. Co., Canton, O.
Toledo Tap & Die Co., Clinton, Toledo, O.
Ulmer J. C. Co., 1791 E 38th, Cleveland, Ohio
Up-to-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book
V. & O. Press Co., Dry Hrbr. rd, Glendale Station. N. Y.
Verdin, Kappes & Verdin Co., Cincinnati, O.
Victory Mfg. Co., York, Pa.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Vulcan Tool Co., 418 E. 1st, Dayton, O.
Walker Bros., Syracuse, N. Y.
Weimann Bros. Mfg. Co., Derby, Conn.
See adv index at end of book
Weiss L. T., 286 Taaffe pl., Brooklyn, N. Y
Western Mach. Products Co., E 73rd & St. Claire, Cleveland, O.
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.
Winkelman Louis & Co., 213 Lawrence, Cincinnati, O.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wright Traffic Signal Co., 844 West 6th, Cincinnati, Ohio
Zeidler, William A., Co., 182 Locust av, New York

3783— Dies (Ring)

Duncan Co., The, Toledo, O.
Lake Erie Forge & Machine Co. (Forged), Cleveland, O.
Railway Steel Springs Co., 30 Church, New York

3784-5—*Dies (Round, Adjustable)

GREENFIELD TAP & DIE CORP'N. ("G. T. D." for Bolt & Pipe), Greenfield, Mass. *See adv index at end of book*

Dies (Round Blanking)

See Dies, Cutting; also Dies, Stamping

3786—Dies (Round Corner Card Cutting)

Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.

3787—Dies (Rubber)

Adams John J. (Cutting), Worcester, Mass.
Adamson Machine Co., Akron, O.
See adv index at end of book
Barbour Bros. (Cutting), Trenton, N. J.
Beaudry T. J. & Son (Cutting), Marlboro, Mass.
Bridgewater Machine Co., Akron, O.
Hoggson & Pettis Mfg. Co., New Haven. Conn.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Knox J. E. & Co. (Cutting), Lynn, Mass.
Logan Edw. Machine Co., Trenton, N. J.
Loshbough-Jordan Tool & Machine Co. 159 E Marion, Elkhart, Ind.
Mahlow & Wyckoff, Trenton, N. J.
Nelson Tool Co., Inc., 782 E 142d, New York
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Phila. Cons. Die Co., 327 Race, Phila., Pa.
Time & Energy Co. (For Printing Corrugated Paper Boxes), 9 S Clinton, Chicago, Ill.

3788— Dies (Sack Printing)

Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

3789—Dies (Sand Belt Splicing)

Mattison C. Machine Works, Rockford, Ill.

3790— Dies (Screw Cutting)

See also Screw Plates

Acme Die & Stamping Co., McKees Rocks, Pa.
Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.
Borden Co., The, Warren, O.
Bullock C. K. Co., 1357H Ridge av, Phila., Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Die & Mfg. Co. (Or Thread Rolling), 744 E 82nd, Cleveland, O.
Geometric Tool Co. ("Geometric," Self-Opening & Adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O. K." & "G. T. D."), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Murchey Mach. & Tool Co., 951H Porter, Detroit, Mich.
National Acme Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.
National Acme Mfg. Co., 23 S Jefferson, Chicago, Ill.
Pratt & Whitney Co. ("Woodbridge"), Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Victor Tool Co. ("Victor"), Waynesboro, Pa.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3791— Dies (Self-Opening)

See also Dies, Opening

Allen Chas. G. Co. ("Diamond"), Barre, Mass.
Hannifin Mfg. Co. ("Hannifin"), 621 S Kolmar av, Chicago, Ill.
Modern Tool Co. ("Modern," "Adjustable"), 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. ("Murchey", "Automatic"), 85 Porter, Detroit, Mich.
National Acme Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.
VICTOR TOOL CO. ("Victor"), Waynesboro, Pa.

3792-3— Dies (Sewer Pipe)

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Sharp Mfg. & Supply Co., New Phila., O.

Dies (Sheet Metal Working)

See Dies, Stamping

3794— Dies (Soap)

Fries Anthony J., 717 Sycamore, Cincinnati, O.
Houchin-Aiken Co., 113 53d, Brooklyn, N.Y.
Lever Bros. Co. ("Twink" Flakes), Cambridge, Mass.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Schridde Wm., 358 W Madison, Chicago, Ill.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

3795-6— Dies (Solid)

Card S. W. Mfg. Co. (Machine or Bolt & Square Pipe), Mansfield, Mass.
Crane Co., Bridgeport, Conn.
Crown Die & Tool Co. ("Crown"), 553 W Monroe, Chicago, Ill.
GREENFIELD TAP & DIE CORP. (Square & Hexagon for Bolt & Pipe), Greenfield, Mass.
See adv index at end of book
Modern Tool Co. (Adjustable), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse"), For Boynton & Plummer's Bolt Cutters & for Pipe), New Bedford, Mass.
Pratt & Whitney Co. ("Giant" Adjustable), Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.

Dies (Solid Bolt)

See Dies, Bolts, Threading

3797— *Dies (Solid Hexagon)

GREENFIELD TAP & DIE CORPN. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3798—Dies (Spring or Prong)

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORPN. ("G. T. D." & "Acorn"), Greenfield, Mass. *See adv index at end of book*
National Acme Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.
Standard Tool Co., 6700 Central av, Cleveland, O.

3799— Dies (Stamping)

Acme Engineering & Mfg. Co., 355 Union Park ct, Chicago, Ill.
Acme Mfg. Co., 355 Howard, Detroit, Mich.
Acme Tool & Die Co., Syracuse, N. Y.
Active Spinning & Sheet Metal Works, 56 W Kinzie, Chicago, Ill.
See adv index at end of book
Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Advance Tool Works, 2304 Warren av, Chicago, Ill.
Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
See adv index at end of book
AMERICAN CAN CO. (Machy. Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
American Instrument Works Inc., 18 E Lacock, Pittsburgh, Pa.
American Metal Works, Stenton & Rockland, Gtn., Phila, Pa.
Anderson Machine & Foundry Co., Anderson, S. C.
Anderson Tool Co., Elyria, O.
Atcheson Tool & Die Co., Columbus, O.
Auto Plating & Mfg. Co., Cleveland, O.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Bender Ph. J. & Sons, 87 Frankfort, New York
Bettcher Stamping & Mfg. Co., 6120 Clark av, S W, Cleveland, O.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bowen G. F. Machine Co., Inc., 24 Scott, Newark, N. J.
Brown F. S. & G. L. Machine Co., 26 E California Tool Works, 181 Beale, San Francisco, Cal.
Fort av, Baltimore, Md.
Callaghan Machine & Die Co., Canton, O.
Canton Foundry & Machine Co. (For Sheet Metal), Canton, O.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Cassaday Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Machine & Tool Co. The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Central Tool & Die Co., Dayton, O.
City Machine & Tool Wks., Dayton, O.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Columbia Metal Stamping Co., Cleveland, O.

DIES (STAMPING)—continued
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Continental Machine Works, Oakland, Cal.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 708 S B'way, St. Louis, Mo.
Dayton Mach. Products Co., Dayton, O.
Delaware Tool Co., Wilmington, Del.
Detroit Machine Co., Ft. of Heliger av, Detroit, Mich.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dickey Grabler Works, of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Dimler Machine Tool Co., Dayton, Ohio
Duncan Co., The, 508 Water, Toledo, O.
Eagle Engineering Co., Springfield, O.
Feltes & Donegan, 1410 Kansas av, Kansas City, Mo
Ferracute Machine Co., Bridgeton, N. J.
Fostoria Machine & Tool Co., Fostoria, O.
Franklin Die & Tool Co. (The), Columbus, O.
Freeman F. W. Co., 160 Portland, Boston, Mass.
Fruchey Mfg. Co., 429 Bagg, Detroit, Mich.
Gardam, Wm. & Son, 114 Park pl., New York
GASKET SUPPLY CO. (For All Kinds of Sheet Metal), 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gillespie Machine Co., Phipps Pr. bldg, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gooley & Edlund, Cortland, N. Y.
GRAND RAPIDS BRASS CO. (For Sheet Metal), Grand Rapids, Mich.
See adv index at end of book
Gray Iron Foundry Co., Reading, Pa.
Great Lakes Pressed Steel Corp., 1400 Niagara, Buffalo, N. Y.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hanson Tool & Die Co., 1330 12th, Detroit, Mich.
Harry Bros. Mfg. Co. (Brass), 282 Woodbridge, E Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Hudson Metal Mfg. Co., 141 Railroad av, Jersey City, N. J.
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
JAXON CO., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book

Sheet Metal Dies
THE JAXON COMPANY
Tools, Dies and Machine Work
LA FRANCE BUILDING
1010-12-14 Jackson St.
TOLEDO, OHIO.

Johnson & Walters Mfg. Co., 101 Baltimore av, Detroit, Mich.
Jones W. E., 14 Water, Brooklyn, N. Y.
Kidder-Oswald Co., Dayton, O.
Kohler Die & Specialty Co., De Kalb, Ill.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Krag Franz K., 542 W Jackson, Chicago, Ill.
Krebs Mfg. Co., 3419 E Ohio, Chicago, Ill.
Lansing Stamping & Tool Co., Lansing, Mich.
Lees John, Indianapolis, Ind.
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Lindell Die & Tool Co., Lansing, Mich.
Lippert & Rhenstrom, Kenosha, Wis.
Long Adam A., Rochester, N. Y.
Los Angeles Enginering & Mfg. Co., 1212H E 6th, Los Angeles, Cal.
Loshbrough-Jordan Tool & Machine Co., 159 E Marion, Elkhart, Ind.
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
McCall Machine Works (Sheet Metal), Rochester, N. Y.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
McDowell Mfg. Co., Stanton av., Pittsburgh, Pa.
McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.
Mach. Mfg. & Engineering Co., Council Bluffs, Iowa
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mehl Machine Tool & Die Co., Roselle, N. J.
Metal Package Corp. of N. Y. (Machy. Dept.), 509 5th av, New York
See adv index at end of book
Meyers Willard F. Co., Bedford, Ind.
Miami Engineering Co., Dayton, Ohio
Miami Tool & Die Co., Dayton, Ohio
Michigan Machinery Mfg. Co., Ypsilanti, Mich.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mitchell John R. Co., 702 S Washington, Baltimore, Md.
Modern Machine & Tool Co., 3351 Lincoln av, Chicago, Ill.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Monarch Tool & Machinery Co., 522 S. Clinton, Chicago, Ill.
MONARCH TOOL & MFG. CO. THE, 122 Opera pl, Cincinnati, O.
Moore Eastwood Co., 116 E 4th, Dayton, O.
Mossberg Frank Co., Attleboro, Mass.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
National Machine & Tool Co., 253 A, Boston, Mass.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
Nelson Tool Co., Inc., 782 E 142d, New New York.
Nestor Mfg. Co., 40 W 13th, New York
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Northwestern Stamping Co., Burlington, Ia.
North Side Tool Co. The, 17-19, Maryland av, Dayton, O.
Ohio Tool Co., Dayton, Ohio
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Perkins Machine Co., Warren, Mass.
Phenix Mfg. Co., Milwaukee, Wis.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
Precision Metal Workers, 3100 Carroll av, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.
Reliable Machine Co., 5320 St. Clair av, Cleveland, O.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
Saunders Co., 1700 Brooklyn av, Kansas City, Mo.
Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Sloan Novelty Mfg. Co., Kansas City, Mo.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Specialty Gauge & Tool Co., 236 N Adelaide, Indianapolis, Ind.
Spokane Stamp Works, Spokane, Wash.
Standard Die & Stamping Co., Arrott Power Bldg., Pittsburgh, Pa.
Standard Machinery Co., Providence, R. I.
Steel Products Engineering Co., Springfield, O.
Stein Wm. P. & Co., Rochester, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Sumergrade Jos., 49 Elizabeth, New York
Superior Die, Tool & Machine Co., Columbus, O.
Superior Metal Products Co., Elyria, O.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor-Schantz Co., Rochester, N. Y.
Thatcher-Rueter Mfg. Co., Cleveland, O.
Toledo Machine & Tool Co., Toledo, O.
Tozzi Mfg. Co., 352 Pearl, New York
UNITED MACHINE & MFG. CO., Canton, O.
Utility Tool & Die Co., 2942 Monroe, Toledo, O.
Up-To-Date Tool Co., 81 Wareham, Boston, 18 Mass.
V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.
Verdin, Kappes & Verdin Co., Cincinnati, Ohio
Villinger Mfg. Co., Williamsport, Pa.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Walker Bros., Syracuse, N. Y.
Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.
Weimann Bros. Mfg. Co., Derby, Conn.
See adv index at end of book
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Worcester Pressed Steel Co., Worcester, Mass.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, Ohio
Zeh & Hahnemann Co. (For Cans, Cutlery, Hardware, etc), Vanderpool, Newark, N. J.
Zeidler, William A. Co., 182 Locust av, New York

Dies (Steam Hammer)

See Dies, Chilled Hammer

3800—Dies (Steel, Soft Back)

The Hammond Steel Co., Inc., Solvay, New York

3801— Dies (Stencil Cutting)

Dickey Grabler Works of the Bankers Savings & Credit System Co., W. Madison & 103rd, Cleveland, O.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Ness Geo. M. Jr., 61 Fulton, New York
R. & S. Engraving & Die Wks., 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

3802— Dies (Sub-Press)

Cleveland Metal Stamping Co., Cleveland, Ohio
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Franklin Die & Tool Co. (The), Columbus, O.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Griswold Geo. M. Machine Co. (Four Pillar), New Haven, Conn.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
McCall Machine Works, Rochester, N. Y.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Mehl Mach. Tool & Die Co., Roselle, N. J.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Nelson Tool Co., Inc., 782 E 142nd, New York
Nestor Mfg. Co., 40 W 13th, New York
Nichols W. H., Waltham, Mass.
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stoll D. H. Co., Buffalo, N. Y.
Victory Mfg. Co., York, Pa.
WALTHAM MACHINE WORKS, Waltham, Mass.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

Dies (Thread Cutting)

See Dies, Screw Cutting

3803-4—Dies (Toe Calk Welding)

Cleveland Shaft Spring Co. ("Two-in-One"), Cleveland, O.

3805— Dies (Upsetting)

Drop Die & Engineering Co., 5606 Curtiss av, Cleveland, O
Franklin Die & Tool Co. (The), Columbus, O.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
Pittsburgh Iron & Steel Foundries Co. ("Adamite"), Midland, Pa.

3806— Dies (Vanadium Steel)

Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Inland Machine Works, 17th & Locust, St. Louis, Mo.

3807— Dies (Wire Drawing)

Balloffet-Baszanger Die Co., 108 Fulton, New York
Boulin V. G. (Imp. Diamond), 1 Union sq, New York
Dessau D., Printing Craft bldg, 33rd & 34th & 8th av, New York
See adv index at end of book
Dessau Maurice S., 6 Maiden la, New York
See adv index at end of book
Dessau's S. Sons, Printing Crafts bldg, 33rd & 34th & 8th av, New York
Dessau's S. Sons, 6 Maiden Co., New York
Hartley Geo., Waterbury, Conn.
Logan Machine & Mfg. Co. (Cutting), 222 S Clinton, Chicago, Ill.
McFarland Foundry & Machine Co., Trenton, N. J.
Morgan Construction Co., Worcester, Mass.
Newman Andrew Co., 26 Cortlandt, New York
Syracuse Chilled Die & Casting Co. (Chilled Iron), Syracuse, N. Y.
VIANNEY WIRE DIE WORKS (Imp. Diamond), 1 Union sq, New York
Waldeck Anthony, 7607 B'way, Cleveland, Ohio
Wennstrom's John Sons Co. ("Sapphire"), Suffern, N. Y.

3808— Dies (Wire Weaving)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

3808a— Diethylaniline

Aniline Dies & Chemicals, Inc., 134 Cedar, New York.
Chemical Co. of America, 28 Platt, New York
Dow Chemical Co., Midland, Mich.
Rector Chemical Co., Inc., 2 Rector, New York
T. M. & G. Chemical Co., Belleville, N. J.

3809— Digesters

American Copper & Brass Works, Cincinnati, O.
American Process Co. (& Cookers), 68 William, New York
American Welding Co. (Wood Pulp, Chemicals, etc), Carbondale, Pa.
Atlantic Works, 80 Border E B, Boston, Mass.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Continental Iron Works (Welded), West & Calyer, Brooklyn, N. Y.
Dempwolf C. H. & Co., York, Pa.
Devine J. P. Co., Buffalo, N. Y.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Dover Boiler Works. Sales Office: 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Eastwood Wire Mfg. Co. ("Perfection" Bronze for Paper Mills), Belleville, N. J.
Garrigues Com. & Co. (Fat & Oil), 154 Nassau, New York
Hamler Boiler & Tank Co., Dept H, W. 66th & S 60th av, Chicago, Ill.
Hooven, Owens, Rentschler Co. ("Hamilton" Globe), Hamilton, O.
See adv index at end of book.
International Process Co. ("Pintsch," Digesters & Diffusers for Mfr of Chemical Wood Pulp), 5 Beekman, New York
Jackson & Church Co., Saginaw, Mich.
Kensington Structural Steel Co., Dept. H, Venango & G, Phila., Pa.
Leslie, Elliott & Co., Paterson, N. J.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works (Sulphite, Rotary & Soda), Manitowoc, Wis.
Mohr, John & Sons (Rubber & Paper), 96th & Calumet River, Chicago, Ill.
Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.
Noble & Wood Machine Co. (Paper Mill), Hoosick Falls, N. Y.
Petroleum Iron Works Co. (Pulp), Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Pollock Wm. B. Co. (of Large Capacity & Pressure for Pulp Mills), Youngstown, O.
Portland Co. (For Sulphite & Soda Mills), Portland, Me.
Pusey & Jones Co. (Welded Steel), Wilmington, Del.
Renneburg E & Sons Co., 2639 Boston, Baltimore, Md.
Smith Samuel & Son Co., Paterson, N. J.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Struthers-Wells Co., Warren, Pa.
Stuart & Peterson Co. (Soup), Burlington, N. J.
Swenson Evaporator Co. (Lap Welded), 53 W Jackson blvd, Chicago, Ill.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
De Pere Mfg. Co., West De Pere, Wis.

3809a— Digestors (Garbage)

BARTLETT, C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book

3810— Digesters (Rubber)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

3811— Diggers (Beet)

Avery B. F. & Sons, Louisville, Ky.
Bucher & Gibbs Plow Co. ("The Michigan"), Canton, O.
Parlin & Orendorff Co. ("P & O"), Canton, Ill.

3812— Diggers (Peanut)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Champion Potato Machine Co., Hammond, Ind.
Huston, Tom, Mfg. Co., Dept. H, Columbus, Ohio

3813— Diggers (Post Hole)

See also Augers, Post Hole

American Shovel & Stamping Co., Lorain, O.
Brown Mfg. Co. ("Brown Champion"), Zanesville, O.
Champion Tool & Handle Wks., Evart, Mich.
Columbus Handle & Tool Co. ("Columbus," "Atlas," "Eureka" Pattern), Columbus, Ind.
Disston Hy. & Sons ("Samson" "Rapid"), Tacony, Phila., Pa.
Eureka Digger Co. ("Eureka", "Atlas", "Hexagon", "Invincible", "Hercules"), 227 W Huron, Chicago, Ill.
Gibbs Mfg. Co. ("Gibbs"), Canton, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Iwan Bros. ("Iwan's," "Iwan's Hercules," "Split Handle," "Perfection"), South Bend, Ind.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kohler F. E. Co. ("Kohler," "Universal," "Little Giant," "Invincible," "Rival," "Hercules," "Champion" & "Pioneer"), Canton, O.
Matthews & Bro., Inc., W N St. Louis, 3722 Forest Park blvd.
National Mfg. & Steel Supply Co. ("Carter" Automatic), Newark, N. J.
Ohio Cultivator Co. ("Champion"), Bellevue, Ohio
Oliver Iron & Steel Co. (Loop or Tamping Top), S 10th & Muriel, Pittsburgh, Pa.
Osmundson Spade Mfg. Co. ("One Minute"), Perry, Ia.
Pech Gus. Foundry & Mfg. Co. (Powell,), La Mars, Ia.
Ransome Concrete Machinery Co., Dunellen, N. J.
Seymour Mfg. Co. ("Seymour," "Eureka," "Atlas," "Hercules," "Champion," "Perfection"), Seymour, Ind.
Swineford G. A. Co., Canton, O.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Wood Shovel & Tool Co., Piqua, O.
Western Steel & Iron Works, De Pere, Wis.
Wyoming Shovel Wks., Wyoming, Pa.

3814— Diggers (Potato)

Akron Cultivator Co. ("Hist's"), Akron, O.
Allen S. L. & Co. ("Planet, Jr." Plow, for White & Sweet Potatoes), 5th & Greenwood, Phila, Pa.
American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Aspinwall Mfg. Co. ("Aspinwall," Potato Digging Machines), Jackson, Mich.
Avery B. F. & Sons ("Avery," Plow, for White or Sweet Potatoes), Louisville, Ky.
Babcock Mfg. Co. (Cummings, "Otsego," Potato Digging Machines), Leonardsville, N. Y.
Bateman Mfg. Co. ("Iron Age," Potato Digging Machines), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. ("Hitchcock" Plow), Chicopee Falls, Mass.
Blount Plow Works ("Blount," Plow), Evansville, Ind.
Brown-Manly Plow Co. ("Daisy Jr." Plow), Malta, O.
Brown Peter ("Brown" Potato Digging Machines), Greeley, Colo.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, Ohio
Burch Plow Works Co. ("Burch" Plow), Crestline, O.
Champion Potato Machine Co. ("O-K Champion" Potato Digging Machines), Hammond, Ind.
Chattanooga Plow Co. ("Chattanooga" Plow), Chattanooga, Tenn.
Davidson-Dietrich Plow Co. (Plow Diggers), Evansville, Ind.
Deere & Co. ("Jno. Deere," "Shaker" Plow), Moline, Ill.
DeShay D. H. ("Star"), Elysburg, Pa.
Doughten H. W. ("King of Potato Field" Plow), Moorestown, N. J.
Dowden Mfg. Co. (Ltd.) ("Dowden" Potato Digging Machines), Prairie City, Ia.
Emerson-Brantingham Co. ("E. B."), Rockford, Ill.
Eureka Mower Co. ("Eureka"), 16 Hickory, Utica, N. Y.
Farquhar A. B. Co., Ltd. ("Gilt Edge," "Success Jr."), York, Pa.
Fenn Mfg. Co., Charlotte, Mich.
Gowanda Agricultural Works ("Hamburg," "Knox" Potato Digging Machines), Gowanda, N. Y.
Greenville Implement Co. ("Banner" Plow), Greenville, Mich.
Hall Jas. H. Plow Co., Maysville, Ky.
Hamburg Plow Works ("Hamburg" Plow), Hamburg, Pa.
Hist Potato Machinery Co. ("New Hist"), Alliance, O.
Hoover Mfg. Co. ("Hoover" Potato Digging Machines), Avery, O.
Ireland & Helfrich ("Hoy"), Spencerport, N. Y.
Keystone Machine Co. ("Rice"), York, Pa.
McKenzie Mfg. Co. ("Badger"), La Crosse, Wis.
Messinger Mfg. Co. ("The Champion" Plows & Machines), Tatamy, Pa.
Moline Plow Co. ("Moline Knocker" Plow), Moline, Ill.
Moore Plow & Implement Co. ("Moore" Plow), Greenville, Mich.
Mountville Mfg. Co. ("Mountville"), Mountville, Pa.
Ohio Rake Co. ("Standard," "Little Giant"), Dayton, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peek's S. H. Sons ("Reuther" Potato Digging Machines), East Aurora, N. Y.
Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Platt Addison J., Sterling, Ill.
Potato Implement Co. ("Acme," Hand), Traverse City, Mich.
Racine-Sattley Co. ("Rustler"), Springfield, Ill.
Rock Island Plow Co. ("Rattler" Plow), Rock Island, Ill.
Schofield & Co. ("Schofield" Plows & Machines), Freeport, Ill.
South Bend Chilled Plow Co. ("South Bend" & "Shaker"), South Bend, Ind.
Sterling Mfg. Co. ("Sterling" Plow), Sterling, Ill.
Stevens Mfg. & Foundry Co., Decatur, Ill.
Syracuse Chilled Plow Co. ("Syracuse" Plow), Syracuse, N. Y.
Topeka Foundry & Iron Works Co., Topeka, Kan.
Wabers Mfg. Co. ("Best," Elevator Two-Horse), Racine, Wis.

3815— Diggers (Stubble)

Avery B. F. & Sons, Louisville, Ky.
Hall Jas. H. Plow Co., Maysville, Ky.
Moline Plow Co. ("Cap't Lafitte"), Moline, Ill.

3815a— Dimethylaniline

Aniline Dyes & Chemicals Inc., 134 Cedar, New York
Calco Chemical Co. (Chemical for Dyes), Bound Brook, N. J.
Chemical Co. of Am. (Mfrs), 28 Platt, New York
DU PONT E. I. DE NEMOURS & CO., INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*
Marden, Orth & Hastings Co., 136 Liberty, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Rector Chemical Co., 2 Rector, New York
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.
Williamson & Co., 28 Burling Slip, New York

3816—Dimmers (Automobile)

Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
Morse Frank W. (Regulite Socket Plug), 293 Congress, Boston, Mass.
See adv index at end of book
Suburban Lighting Co., Toledo, Ohio
Valley Electric Co., 3157H S. Kingshighway, St. Louis, Mo.
Ward Leonard Elec. Co., Bronxville, N. Y.

Dimmers (Theatre)

See Rheostats, Stage Dimming)

3816a— Dinitrobenzol

Aetna Explosives Co., Inc., 165 B'way, New York
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Chemical Co. of America, Inc., 28 Platt, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Middlesex Aniline Co., Singer bldg, New York
Monroe Color & Chemical Co., Quincy, Ill.
Verona Chemical Co., Newark, N. J.

3816b— Dinitrochlorbenzol

Chemical Co. of Am., 28 Platt, New York

3816b—Dinitrochlorobenzene

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

3816c— Dinitronaphthalene

Agawam Chemical Works, Grosvenor bldg, Providence, R. I.
Newport Chemical Works, Milwaukee, Wis.

3816d— Dinitrophenol

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

3816d-1— Dinitrotoluene

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

3816f— Dip (Sheep)

Burch F. S. & Co., 152 W Huron, Chicago, Ill.

DIP (SHEEP)—continued
Chemical Supply Co., 2450 Canal rd, Cleveland, O.
Hygeno Disinfectant Co., Cleveland, O.
Peerless Stock Powder Co. ("Cresy-pole"), Falls City, Neb.
PROTEXOL CORPORATION. 41 Barclay, New York
Thompson's Carbolic Soap Co., 46 Eagle, Brooklyn, N. Y.
Van Tilberg Oil Co. ("Creola"), 2424 Univ. av, S E, Minneapolis, Minn.
White Tar Co. of N. J., 56 Vesey, New York

3816g— Diphenylamine

DU PONT E. I. DE NEMOURS & CO., INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*

3817— Dippers (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

3818— Dippers (Copper)

Harris Arthur & Co., 212 N Curtis, Chicago, Ill. *See adv index at end of book*
Knapp Mfg. Co., 48 Warren, New York
Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. (Nickel Plated), Rome, N. Y.

3819— Dippers (Cream)

Boettiger Louis A. Co. ("Chapin"), 48 Leonard, New York
Chapman Co. ("Chapman"), Geneva, N. Y.
National Enameling & Stamping Co., 411 5th av, New York

3820—Dippers (Milk, Water, Etc.)

Central Stamping Co. ("Puritan," "Sterling"), 172 Fulton, New York
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co. (Enameled Cocoa Cup, Flaring, etc), Sebring, O.

3821—Dippers (Steam Shovel & Dredge)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Fairbanks Steam Shovel Co., Marion, O.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Iron Works (For Steam Shovels), Hoboken, N. J.

3822— Dippers (Wood)

Chapman-Sargent Co. (Pickle, Oyster, Fruit, Butter, etc), Piqua, O.

3823-4-5—Dippers & Funnels (Combination)

Peoria Can Co., Peoria, Ill.

3826—*Dirt Collectors (Centrifugal)

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

3827—Dischargers (Centrifugal)

American Tool & Machine Co., 10 High, Boston, Mass.

3828— Discharges (Static)

Lord Mfg. Co. ("Abacot"), 105 W 40th, New York

3829— Discs (Abrasives)

Badger Tool Co. ("Badger"), Beloit, Wis.
Besly Chas. H. & Co. ("Helmet," "Boxite," "Crystox," "Garnet Plain Paper"), 120 N Clinton, Chicago, Ill.
Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Gardner Machine Co. ("Gardner"), Beloit, Wis.
Manning Abrasive Co., Troy, N. Y.
Walls L. P. Tool & Supply Co. ("Marathon" Endless), 75 Walker, New York
Wausau Abrasives Co., Wausau, Wis.

3830— Discs (Armature)

(Iron Discs & Segments)

Cleveland Armature Works, Inc., 4736 St. Clair av, Cleveland, O.
Columbus Die, Tool & Mach. Co., 955 Cleveland av, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Hendrick Mfg. Co., Carbondale, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Discs (Carbon)

See Carbon Mfrs.

3831—Disc (Circular Metal Slitting)

Union Twist Drill Co., Athol, Mass.

Discs (Cork)

See Washers, Cork

3832— Discs (Fibre)

Barwood L. J. Mfg. Co. ("Barwood"), Stonham 80, Boston, Mass.
See adv index at end of book
CHICAGO MICA CO. (Also Mica), Valparaiso, Ind.
See adv index at end of book
Continental Fibre Co. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
Delaware Hard Fibre Co. ("Egyptian"), Wilmington, Del.
See adv index at end of book
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book

3832a— Discs (Filtering)

Norton Co., Worcester, Mass.

3833— Discs (Friction)

Barnes W. F. & John Co., Dept. H, Rockford, Ill.
Barwood L. J. Mfg. Co. ("Barwood," Leather & Fibre), Stoneham 80, Boston, Mass. *See adv index at end of book*
Houghton E. F. & Co. ("Vim" Leather), 240 W Somerset, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

3833a— Discs (Glass)

Corning Glass Works, Corning, N. Y.

3834— Discs (Grain Drill)

Cambria Steel Co., Widener bldg, Phila. Pa.
Indiana Rolling Mill Co., New Castle, Ind.

3835— Discs (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
United States Graphite Co., Saginaw, Mich.

3836— Discs (Harrow)

Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Indiana Rolling Mill Co., New Castle, Ind
Stowel Co., The (Disc Washers Only), So Milwaukee, Wis.

3837— Discs (Hot Water)

Tyler Fred A. (Adjustable), Albany, N. Y.

3838-9—Discs (Iron & Steel)

Auburn Ball Bearing Co. (Hardened Tool Steel), 26 Elizabeth, Rochester, N. Y.
Bettcher Stamping & Mfg. Co., The, 6120 Clark av, S. W., Cleveland, O.
Bossert Corporation, The, cor. Linden & West av, Utica, N. Y.
Curtis Mfg. Co. (Steel Clutch), 1571 Kienlen av, St. Louis, Mo.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Farist Steel Co., Bridgeport, Conn.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hammond Steel Co., Inc. (Steel Only), Syracuse, N. Y.
Ludlum Steel Co., Watervliet, N. Y.
McInnes Steel Co. (Ltd.) ("McInnes" Annealed Tool Steel), Corry, Pa.
Molthrup Steel Products Co., Beaver Falls, Pa.
Mossberg Frank Co. (Circular, Pressed, Steel), Attleboro, Mass.
Nicetown Plate Washer Co., 1824 Juniata, Nicetown, Phila, Pa.
U. S. Indestructible Gasket Co., Church & Fulton, New York.
See adv index at end of book
Vulcan Steam Forging Co. (Forged), 251 Rano, Buffalo, N. Y.
Wyoming Shovel Works, Wyoming, Pa.

3840— Discs (Radiator)

Goetze Gasket & Packing Co. ("Goetze" Copper-Asbestos or Nickel-Asbestos), New Brunswick, N. J.
See adv index at end of book

3841— Discs (Self-Feeder)

Henry & Allen (For Threshing Machines), Auburn, N. Y.

3842-3— Discs (Slate)

Keenan Structural Slate Co., Bangor, Pa.
McNamara Bros., Fair Haven, Vt.

3844— Discs (Valve)

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Canfield Rubber Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.
Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.
Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark, Del.
See adv index at end of book
Continental Rubber Works (Rubber), Erie, Pa.
DOMINION ASBESTOS & RUBBER CORP ("Darcoid") 154 Nassau, New York. *See adv index at end of book*
Durabla Mfg. Co. ("Durabla"), 114 Liberty, New York
GOETZE GASKET & PACKING CO. ("Goetze" Copper Asbestos or Nickel Asbestos), New Brunswick, N. J.
See adv index at end of book
Goodrich B. F. Co. (Rubber), Akron, O.
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns-Pratt Co., The, ("Vulcabeston"), Hartford, Conn.
Keckley O. C. Co. ("O C K Co.," high pressure), 318 Washington, Chicago, Ill.
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
McCrea, Jas. & Co. ("Perfect"), 562 W Washington, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co. (Rubber), Lodi, N. J.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National Mfg. & Engineering Co. ("American" Metal), 1537 Race, Phila., Pa.
New York Belting & Packing Co. (Rubber), 91 Chambers, New York
O'Meara J. (Inc.), 2 Lispenard, New York
Ohio Injector Co. ("O. I. C."), Wadsworth, Ohio
Pennsylvania Rubber Co. (Rubber), Jeannette, Pa.
Post E. L. & Co. ("Post's" Corrugated Metal), 50 Cliff, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co. (Rubber), Youngstown, O.
Skinner M. B. Co. ("Perfect"), 562 W Washington, Chicago, Ill.
Star Brass Mfg. Co. (Renewable Metal), 53 Oliver, Boston, Mass.
Strong Machinery & Supply Co. ("Strong's I. O. P."), 292-294 Church, New York
See adv index at end of book
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
U. S. Rubber Co., 170 B'way, New York
Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
See adv index at end of book
Western Rubber Co. (Rubber), Goshen, Ind.
Wolverine Brass Works, Grand Rapids, Mich.

3845—Dish Warmers (Electric)

Prometheus Electric Co., 511 W 42d, New York

3846— Dishers (Ice Cream)

Bloomer Bros. Co., Newark, N. J.
Clipper Fountain Supply Co., Troy, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works, Troy, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Nicol & Co. ("Delmonico's"), 218 N Jefferson, Chicago, Ill.
Service Commodities Co., 442 N Wells, Chicago, Ill.

3846a— Dishes (Baking)

Corning Glass Works, Corning, N. Y.

3846b— Dishes (Cascade)

Elyria Enameled Products Co. (Steel or Cast Iron Glass Enameled), Elyria, O.

3847— Dishes (Chafing)

Aldrich Mfg. Co., Buffalo, N. Y.
American Electrical Heater Co. (Electric), Detroit, Mich.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
International Silver Co., 9 Maiden la, New York
Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.
Sternau S. & Co., 9 E 37th, New York
Sweeney W. H. Mfg. Co. ("Royal," Copper & Nickel Plated, etc), 30 Main, Brooklyn, N. Y.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.

WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

3847a—Dishes (Evaporating)

Elyria Enameled Products Co. (Glass Enameled), Elyria, Ohio.
Thermal Syndicate Ltd., 59 E 41st, New York

3847b— Dishes (Incinerating)

Norton Co., Worcester, Mass.

3848—Dishes, Plates, Etc. (Paper)

American Water Supply Co., 251 Causeway, Boston, Mass.
Bleyer Alfred & Co., 229 West, New York
Economy Box & Pie Plate Co., Marion, Ind.
Escanaba Mfg. Co., St. Louis, Mo.
Grasberger B. A. & Co., 820 W Moore, Richmond, Va.
Keyes Fibre Co., Waterville, Me.
No Leak Paper Dish Co., Wheeling, W. Va.
Northern Bag & Plate Co., Carthage, N.Y.
Oval Wood Dish Co., Delta, O.
Sayford Paper Specialty Co. (Finger Bowls & Ice Cream Inserts), Vineland, N. J.
Star Paper Dish Co. ("Daisy" Round, "Handy" Square), Richmond, Va.
Virginia Mfg. Co., Suffolk, Va.

3848a— Dishes (Porcelain)

Ohio Pottery Co. ("Ohio"), Zanesville, O.

3848b— Dishes (Soap)

See also Bath Room Fixtures & Furnishings; also Enameled Ware Mfrs.; also Wire Goods, Bright

Racine Iron & Wire Works, Racine, Wis.

3849— Dishes (Wood)

Atlas Mfg. Co., New Haven, Conn.
Bleyer Alfred & Co. (Pie Plates), 229 West, New York
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dayton Paper Novelty Co., Dayton, O.
Dodge Clothespin Co. (Wire Ends), Caudersport, Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Keyes Fibre Co., Waterville, Me.
Mullen Bros. Paper Co., St. Joseph, Mich.
Northern Bag & Plate Co., Carthage, N.Y.
Northern Woodenware Co., Island Falls, Me.
Oval Wood Dish Co. ("Ritshape" of Every Description), Tupper Lake, N. Y.
Richmond Cedar Works (Wire & Tin End Butter), Fulton, Richmond, Va.
Roberts J. N. Mfg. Co., Metropolis, Ill.
Star Paper Dish Co. ("Daisy"), Richmond, Va.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Weston Paper & Mfg. Co., Dayton, O.

3850— Disinfectants

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Antiformin Co. ("Antiformin"), 322 9th, Brooklyn, N. Y.
American Aromatic Disinfector Co., 428 Walnut, Phila., Pa.
American Disinfectant Works, Buffalo, N.Y.
American Disinfecting Co., Sedalia, Mo.
American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York
Antozone Chemical Co., 32 Old Slips, New York
Aspinwall Geo. H. (Inc.), Corneilson av, Jersey City, N. J.
Barrett Co., 17 Battery pl., New York
Baum Bros. Co., Denver, Colo.
Bayer Co. (Antinonnin), 117 Hudson, New York
Bayway Chemical Co., Elizabeth, N. J.
Boston Chemical Co., 196 W Canton, Boston, Mass.
Brewer & Co. ("Cresonol," "Creosanthol," "Pinosol"), Worcester, Mass.
Burch F. S. & Co., 152 W Huron, Chicago, Ill.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
California Exterminating Co., Inc., 121 Manhattan, New York
Carpenter W. D. Co., Syracuse, N. Y.
Chemical Supply Co., 2450 Canal rd, **Cleveland, O.**
Clifton Chemical Co., 317 Greenwich, New York
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Continental Mfg. Co. ("Puroline"), Indianapolis, Ind.
Corbin Disinfecting Co. ("Napthol-Phenoline"), Front & Walnut, Phila., Pa.
Cremoline Disinfecting Co., 121 Main, St. Louis, Mo.
Crest Chemical Co. ("Crest"), Seattle, Wash
Dayton Wm. H., 4108 E 100th, Cleveland, Ohio
Dolge C. B. Co., Westport, Conn.
Durfee Mfg. Co., Grand Rapids, Mich.
Dusenberry H. C. (Inc.), ("Creoleum," "C. C."), 95 Gold, New York
Eagle Oil & Supply Co. ("Eagleine"), 104 Broad, Boston, Mass.
Egyptian Chemical Co., 255 Atlantic av, Boston, Mass.
Embalmers' Supply Co., Westport, Conn.
Fergusson Alex. C., Jr., 474 **Chestnut,** Phila., Pa, *See adv index at end of book*
Flash Chemical Co. ("Flash Creothol"), 160 Second, Cambridge, Mass.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Fort Pitt Chemical Co. ("Sanitant," "Sanol"), 3134 Penn av, Pittsburgh, Pa.
Frederick Disinfectant Co., Atlanta, Ga.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Garnet Geo. H. Co., Allentown, Pa.
General Laboratories ("B-K"), 906 Monona av, Madison, Wis.
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Good James Inc., Amber & Susquehanna av, Phila, Pa.
Green Oil Soap Co., 166 N. Curtis, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.
Hayner Norman C. Co. ("Killitol"), Rochester, N. Y.
Hearn H. B. Co., Inc., 101 S. Frederick, Baltimore, Md.
Hillyard Mfg. Co., St. Joseph, Mo.
Hockwald Chemical Co. ("Pinoleum" & "Croroleum"), 531 Howard, San Francisco, Cal.
Houghton E. F. & Co. ("Houghton" Odorless), 240 Somerset, Phila., Pa.
Hunt Mfg. Co., 3335 Broadview, Cleveland, Ohio
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
Insecticide Co., Phelan bldg, San Francisco, Cal.
Johnson A. W. V., Merchts. Exchange, San Francisco, Cal.
Lehn & Fink, 120 William, New York
Lewis, Samuel, 73 Broadway, New York
Mann H. D. Co. ("Odozone"), 124 N Warren, Syracuse, N. Y.
Masury-Young Co., 196 Milk, Boston, Mass.
Merck & Co., 45 Park pl, New York
Minor W. E. Disinfectant Co. ("Minor"), 328 Champlain av, Cleveland, O.
National Disinfecting Co. ("Phenolene"), 306 E 59th, New York
National Sanitary Co., Sedalia, Mo.
No. American Chemical & Engng. Co., 23 Old Slip, New York
Northwestern Mfg. Co., Indianapolis, Ind.
Ohio Chemical Co., Findlay, O.
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Oxyozon Disinfecting Co., 410 W 13th, New York
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Parke, Davis & Co., 743 E Atwater, Detroit, Mich.
Phinotas Chemical Co., 237 Front, New York
Platt Henry B., 42 Cliff, New York
Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
PROTEXOL CORPORATION, 41 Barclay, New York
Purolene Disinfecting Co., 956 S B'way, Los Angeles, Cal.
Rath Mfg Co. ("Rathola," Liquid), Hedley cr. of Richmond, Phila., Pa.
Robacher's Disinfectant Co., Rochester, N. Y.
ROCHESTER GERMICIDE CO., 16 Dowling pl, Rochester, N. Y.
Rosealene Products Co., 667 Howard, San Francisco, Cal.
Samfat Co., 141 W 36th, New York
Sanitary Products Corp., Philadelphia, Pa.
Soudan Specialty Mfg. Co., 961 Alexander, Milwaukee, Wis.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Standard Chemical Co., 728 Frankfort av, Cleveland, O.
Standard Chemical Co. ("Creofectant"), Houston, Tex.
Sulpho Napthol Co., 14 Medford, Boston, Mass.
U. S. Chemical Co., Greenville, Conn.
Vapo-Cresoline Co., 62 Cortlandt, New York
Vestal Liquid Soap & Disinfectant Co. ("Vestarol"), 1121 Pine, St. Louis, Mo.
Waelde Herman, 736 Frankfort av, N W, Cleveland, O.
West Disinfecting Co. ("Coro Noleum"), 411 5th av, New York
Westmoreland Chemical & Color Co. ("Fer Sul"), S. E. cor. 22nd & Westmoreland, Phila., Pa.
White Tar Co., John & Cliff, New York
White Tar Co. of N. J. ("Creolol"), 56 Vesey, New York
Williams Joseph Co., Sharpsburg, Pa.
Wilson & Co., Union Stock Yards, Chicago, Ill.
Woolf Laboratories, Inc., 230 Greenwich, New York
Worrell Mfg. Co. ("Vermingo"), 212 N Main, St. Louis, Mo.
Yale C. I. Mfg., Yalesville, Conn.
Zenner Disinfectant Co., 133-35 Larned av, Detroit, Mich.

3851— Disinfecting Apparatus

See also Machinery, Disinfecting

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
Automatic Disinfectant Co., Box 252, Memphis, Tenn.
Bernstein Mfg. Co. (For Hospitals), 3d & Alleghany, Phila., Pa.
Garnet Geo. H. Co., Allentown, Pa.
Hillyard Mfg. Co., St. Joseph, Mo.
Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York
Rochester Germicide Co., Rochester, N. Y.

3852— Disintegrators

ABBE PAUL O., INC., 924 Johnson bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Anderson Foundry & Machine Works (Clay), Anderson, Ind.
Atlanta Utility Works, East Point, Ga.
Blanchard Machine Co. (Fertilizer), Cambridge, Mass.
Brewer H. & Co. (Clay), Tecumseh, Mich.
Campbell Peter F. (Mill), 55 Laurel, Philadelphia, Pa.
Chambers Bros. Co. (Clay), 52nd below Lancaster, Phila., Pa.
Day J. H. Co., Cincinnati, O.
Excel Mfg. Co. (All Dry Colors), Pottersville, N. J.
Fate-Rooth-Heath Co. (Clay), Plymouth, Ohio
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Hadfield-Penfield Steel Co. (The) (Clay), Bucyrus, O. *See adv index at end of book*
Holmes & Blanchard Co., 31 State, Boston, Mass.
JEFFREY MFG. CO. (Coal, etc), 961 N Fourth, Columbus, Ohio.
See adv index at end of book
LINK-BELT COMPANY (For Coal, etc.), 300 W. 39th, Chicago, Ill.
See adv index at end of book
Mead & Co., 19th & M. C. R. R., Detroit, Mich.
Potts C. & A. & Co. (Clay), Indianapolis, Ind.
Pratt Engineering & Machine Co., Atlanta, Ga.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. (Fertilizer, etc.), cor. 4th av & First, Baltimore, Md.
Stedman's Foundry & Machine Works, Aurora, Ind.
Steele J. C. & Sons, Statesville, N. C.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Walker & Elliott, Wilmington, Del.
Wellington Machine Co. (Clay), Wellington, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3853— Disintegrators (Sugar)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, York. *See adv index at end of book*

3854—Dispensers (Cream & Milk)

American Machinery Co. ("American"), 330 N 17th, Philadelphia, Pa.

3855— Dispensers (Straw)

Coe Mfg. Co. ("Monarch"), 35 Warren, New York

3856— Dispensers (Sugar)

Decorus Mfg. Co., 33 Union sq, New York
Spengler Loomis Mfg. Co. ("Spenlo"), 58H E. Washn., Chicago, Ill.

Display Fixtures

See Window Display Fixtures

Distillers

See Alcohol, various kinds

3857— Distilling Apparatus

See also Stills of Various Kinds

American Copper & Brass Wks., Cincinnati, O.
American Engineering Co. (For Marine Work), Aramingo av & Cumberland, Phila., Pa.
Badger E. B. & Sons Co. ("Barbet" for Alcohol, Rum, Wood, etc), 75A Pitts, Boston, Mass.
See adv index at end of book
Baeuerle & Morris (For Alcohol, Whiskey, Turpentine, Water, Pine, Oils, etc), 932 N Front, Phila., Pa.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Devine J. P. Co. (For Wood), Buffalo, N. Y.
Gerstein Bros. & Cooper (All Kinds), 3 W 3d, South Boston, Mass.
GRISCOM-RUSSELL CO ("Reilly" Water, also Salt Water & Chemicals), 92 West, New York
See adv index at end of book
Hamber Boiler & Tank Co. (Acid), Dept. H, W. 66th & So. 60th av, Chicago, Ill.
Hoffman-Ahlers Co. (Wood Alcohol, Turpentine, Vinegar, etc), 828 E Pearl, Cincinnati, O.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
LUMMUS WALTER E. CO., 171 Milk, Boston, Mass.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Row & Davis Engnrs., Inc. ("Paracoil"), 90 West, New York

DISTILLING APPARATUS—continued
Schutte & Koerting Co. ("S. & K.," for Producing Fresh Water), 1251 No. 12th, Phila., Pa.
See adv index at end of book
Standard Water Systems Co. ("Tripure" Water), Hampton, N. J.
Triumph Ice Machine Co. (Refrigeration), Oakley, Cincinnati, O.
Ordway Chas. ("Yaryan" System for Producing Fresh Water from Sea Water, etc.), 25 Church, New York
Vulcan Copper Works Co., 120 Sycamore, Cincinnati, O.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

Distributors (Asphalt & Tar)

See Road Oilers & Distributors

3858—Distributors (Fertilizer)

Akron Cultivator Co. ("Akron" Horse), Akron, O.
American Seeding Machine Co., Springfield, O.
Avery B. F. & Sons ("Avery's Improved," "Knocker," "Pet"), Louisville, Ky.
Ayers J. R. (Single Row One Horse), Petersburg, Va.
Bateman Mfg. Co. ("Advance," "Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. ("Stevens," Hand & Horse), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co. ("Brown"), Zanesville, O.
Cole Mfg. Co., Charlotte, N. C.
Crown Mfg. Co., Phelps, N. Y.
Gantt Mfg. Co. (Guano), Macon, Ga.
Genung C. W. ("Iron King"), Madison, O.
Harriman Mfg. Co. ("Tillman" Hand), Harriman, Tenn.
Hench & Dromgold Co. ("H. & D."), York, Pa.
International Harvester Company of America, Inc. ("Hoosier," "Kentucky"), Harvester bldg, Chicago, Ill.
Leavitt Mfg. Co. ("Soil Feeder"), Urbana, Ill.
McWhorter Mfg. Co., Riverton, N. J.
Ontario Drill Co., East Rochester, N. Y.
Peoria Drill & Seeder Co. ("Peoria-Phosphatey"), Peoria, Ill.
Richardson Mfg. Co. ("Broadcast"), Worcester, Mass.
Southern Plow Co. ("Georgia" & "Victory"), Columbus, Ga.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.
Towers & Sullivan Mfg. Co. ("Roman," "Tip-Top," "Universal"), Rome, Ga.
Wirtz & Hernlen ("Farmer's Friend," "Richmond"), Augusta Ga.

3859—Ditcher, Grader & Loader Combined

American Road Machinery Co., Kennett Square, Pa.
Good Roads Machinery Co., Kennet Sq., Pa.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Snow T. W. Construction Co. ("Bowman" Ditcher & Grader), 117 N Dearborn, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.

Ditching Machines

See Ditching Machines in Machinery Lists; also Road Machines & Graders

3860— Divers (Submarine)

Boston Tow Boat Co., 111 Devonshire, Boston, Mass.
Humphreys Geo. 575 Clinton, Brooklyn, N. Y.
Jenks Edward B. Co., 143 Liberty, New York
Larkin P. J., 3 Coenties Slip, New York
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York
New York Submarine Cont. Co., 130 Pearl, New York
Phillips H. W., Quincy, Mass.
Scott T. A. Co., New London, Conn.
Siebe Gorman & Co., Ltd., Monadnock bldg, Chicago, Ill.

3861— *Dividers (Extension)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

3862— *Dividers (Spring)

Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

3863—Dividers (Wing & Extension)

See also Compresses; also Calipers & Dividers

Athol Machine Co. ("Premier" & "A. M. C."), Athol, Mass.
Goodell-Pratt Co. (Spring), Greenfield, Mass.
Indicating Calipers Co., 506 E 19th, New York
Johnson Wm. (Hedenberg Works), ("Cook's" Pattern Expansion Wing, etc), Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Schollhorn Wm. Co. ("Excelsior"), New Haven, Conn.
Union Tool Co., Orange, Mass.

3864— Diving Apparatus

Hale, Alfred Rubber Co., 17 Covington, S B, Boston, Mass.
Johnson A. W. V., Merchts. Exchange, San Francisco, Cal.
Merrill Stevens Dry Dock & Repair Co., Jacksonville, Fla.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Schrader's A. Son, Inc., Brooklyn, N. Y.
Siebe Gorman & Co., Ltd., Monadnock bldg, Chicago, Ill.

3865— Dobby Pegs

Nelson Rivet Co., Taunton, Mass.

3866— Dock Builders

See also Contractors, Pile Driving

CALIFORNIA.

SAN FRANCISCO—City Street Improvement Co., 3001 17th
Healy-Tibbitts Construction Co., 9 Main
Hyde, Harjes & Co., 110 Market
San Francisco Bridge Co., Nevada Bank bldg

CONNECTICUT.

BRIDGEPORT — Bridgeport Dredge & Dock Co.
Hubbell W. W. Co., 886 Main
Toole & Sunderlin, Warner bldg
NEW HAVEN—Alling Wm. H. & Co.
New Haven Rigging Co.
Waterhouse Charles R., Jr., 74 Park
NEW LONDON—Davidson Richard C.
Scott T. A. Co.

DELAWARE.

WILMINGTON—Wills F. K. Co.

GEORGIA.

SAVANNAH—Ross P. Sanford (Br. of Jersey City, N. J.), 16 Bryan, E

ILLINOIS.

CHICAGO—Fitzsimmons & Connell Dredge & Dock Co., 10 S La Salle
Great Lakes Dredge & Dock Co., 104 S Michigan av
Kearns T. A. Co., 343 S Dearborn

MAINE.

BANGOR—Spellman James F. & Sons Co.
PORTLAND—Bennett Contracting Corp.
WOOLWICH—Carlton F. W.

MARYLAND.

BALTIMORE—Empire Engineering Co., Bourse bldg.
McLean Contracting Co., Fidelity bldg
Sanford & Brooks Co., Water & Commerce

MASSACHUSETTS.

BOSTON—Ellis W. H. & Son Co., 479 Meridian
Hersey A. A., 362 Border E. B.
Lawler Bros., 16 City sq, Ch's'n
Miller Wm. L., Ch's'm
Norton W. A. Co., 285 Dorchester av
Rendle W. S., E B
CAMBRIDGE—Scully Jno. T. Foundation
GLOUCESTER—Hall Bros.

MICHIGAN.

DETROIT—Candler Dock & Dredge Co., Moffat bldg
Dupuis A. J. Co., Ford bldg
Ginzel John Co., Buhl blk
MARQUETTE—Powell & Mitchell
SAULT SAINTE MARIE—Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MINNESOTA.

DULUTH—Duluth-Superior Dredging Co.
Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MISSOURI.

ST. LOUIS—STEWART JAMES & CO., INC., Boatmen's Bank bldg

NEW JERSEY.

ELIZABETH—N. J. Dock & Bridge Bldg. Co., Dix bldg
HACKENSACK—Long F. R.-W. G. Broadhurst Co.
JERSEY CITY—Ross P. S., 277 Washington
Stillman-Delanty-Ferris Co., 26 Exchange pl
LONG BRANCH—Melee Owen J.

NEW YORK.

ALBANY—Dyer Jno., Jr., 6 S Pearl
BUFFALO—Buffalo Dredging Co., Morgan bldg
Burgard Henry P Co., 1968 Filmore av
Chesley, Earl Heimbach, Inc., 20 Breckenbridge
Horton D. E. Construction Co., Marine Nat Bank bldg
Lake Erie Dredging Co., Morgan bldg
KINGSTON—Powley Jos. L. Son
NEWBURGH—Parrott Richard
Parrott Wm.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cronin Barth S. Co., 573 Clinton
Humphreys George, 575 Clinton
Walsh Geo. J., 446 47th
Walsh John D., Inc., 397 Hancock

Boroughs of Manhattan and Bronx.

NEW YORK—Empire Eng. Co., 6 Church
Foundation Co. (Engineers & Contractors, Concrete Piles & Steel & Wood Sheeting), 120 Liberty
General Contracting & Engineering Co., 29 B'way
Hazell A. M., Inc., 26 Cortlandt
Hood R. H. Co., 111 B'way
Jenks Edward B. Co., 143 Liberty
McMullen Arthur Co., 149 B'way
Monks John & Son, 82 Beaver
N. Y. Submarine Contracting Co., 130 Pearl
Phoenix Construction Co., 41 Park Row
RAYMOND CONCRETE PILE CO. (Concrete), 140 Cedar
Rhodes & Manvel, 90 West
Riverside Contracting Co., 39 Cortlandt
Rogers Geo W. & Co., 29 B'way
Rolf Bernard, 39 Cortlandt
Schwiers F. W. Jr. Co., 90 West
Spearin & George B., 90 West
Spooner Allen N. & Son, Pier 11, N. R.
STEWART JAS. & CO. (INC.), 30 Church
Tilley Harry H., 258 E 138th

Borough of Queens.

LONG ISLAND CITY—Degnon Contracting Co., 68 Hunters Pt. av

Borough of Richmond.

PORT RICHMOND—Conklin Bros., 2080 Richmond ter
NORTH TONAWANDA—Empire Engineering Co.

OHIO.

CLEVELAND—American Construction Co. (Also Intake Pipes, Outlet Sewers, & Breakwater Works), Marion bldg.
Cleveland Dock Engineering Co., Citizens bldg
Fath Construction Co., 5103 Euclid av
Hamson bldg (Br. of Chicago, Ill.)
Great Lakes Dredge & Dock Co., Wil-
Hunkin-Conkey Construction Co., Cuyahoga bldg
Strong C. H. & Son, Swetland bldg

PENNSYLVANIA.

PHILADELPHIA—American Dredging Co., Mariner & Merchant bldg
Armstrong & Latta Co., Land Title bldg
Brenneman J. E., N. American bldg.
PITTSBURGH—Cummings Structural Concrete Co. (Concrete), Benedum Trees bldg
Enterprise Contracting Co., Bessemer bldg
Pihl & Miller, Wabash bldg

RHODE ISLAND.

PROVIDENCE—Stender Frank C. & Co., 86 Weybosset

VIRGINIA.

NORFOLK—Sanford & Brooks Co.
URBANNA—Wagenen L. B.

WASHINGTON.

EVERETT—American Pile Driving Co. (Pile Driving)
PORT TOWNSEND—Port Townsend Pile Driving Co.
SEATTLE—Geske C. & Co., Inc.
McEachern J. A. Co. (Also Pile Driving)
TACOMA—Burgeson C. F.
Rutherford D. W

WISCONSIN.

GREEN BAY—Greiling Bros. Co.
MILWAUKEE—Gillen Edw. E. Co., Wells bldg
SUPERIOR—Whitney Bros. Co.

3867—Doctors & Feeds (Calender)

Dillon Machine Co., Lawrence, Mass.
Ticonderoga Machine Works ("Warren" Improved), Ticonderoga, N. Y.

3868-9— Dogs (Bench)

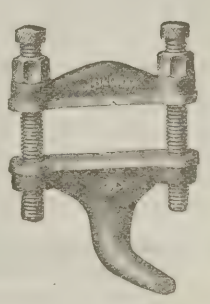
Stortz John & Son, 210 Vine, Phila., Pa.

Williams' "Vulcan" Drop-Forged Safety Lathe Dogs



SAFETY LATHE DOGS:
Bent and straight tail, with one or two screws; 16 sizes, 3/8 to 6".

CLAMP LATHE DOGS:
Forged from special steel, unusually stiff and strong. 4 sizes; max. opening, 4½".



MILLING MACHINE DOGS:—
Flat tail prevents back-lash. 7 sizes; ½ to 2".

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BUFFALO 31 Vulcan St. St. Catharines, Ontario
CHICAGO 1031 W. 120 St.

Booklet free

Booklet free

3870— Dogs (Chain)

Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.

3870a— *Dogs (Clamp)

See also Dogs, Lathe

Bonney Forge & Tool Works, Allentown, Pa.
WILLIAMS J. H. & CO. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

3871— Dogs (Die)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.

3872— Dogs (Lathe)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.
Besly Chas. H. & Co. (Heavy Steel), 120 N Clinton, Chicago, Ill.
Billings & Spencer Co. (Drop Forged Safety), Hartford, Conn.
Bonney Forge & Tool Works ("Indispensible" Light & Heavy Steel & Safety), Allentown, Pa.
Channon Jas. H. Mfg Co., 227 W Erie, Chicago, Ill.
Chester Steel Castings Co., Chester, Pa.
Efficiency Device Corpn., 199 8th, Long Island City, N. Y.
Fowler Lamp & Mfg. Co. ("Fowler" Adjustable Center Crankshaft), 59 E 24th, Chicago, Ill.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Hill M. B. Mfg. Co., Worcester, Mass.
Le Count Wm. G., South Norwalk, Conn.
Michaud Elmer J., Willimantic, Conn.
Mark Mfg. Co., Evanston, Ill.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Ready Tool Co. ("Hill"), Bridgeport, Conn.
Union Lathe Wks., York, Pa.
Union Tool Co. ("Hill" Drop Forged), Orange, Mass.
West Steel Castings Co., 805 E 70th, Cleveland, O.
WILLIAMS J. H. & CO. ("Vulcan" safety drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Yost Mfg. Co., Meadville, Pa.

3873—Dogs (Milling Machine)

Irvington Mfg. Co., Irvington, N. J.
Ready Tool Co. ("Ready" Compensating), Bridgeport, Conn.
WILLIAMS J. H. & CO. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

3874— Dogs (Pinch)

(For Foundry Use)

Diamond Clamp & Flask Co., Richmond, Ind.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Shanafelt Mfg. Co., Canton, O.
Wellman Products Co., 1444 E 49th, Cleveland, O.

3875—Dogs (Rafting & Lumber)

American Logging Tool Co., Evart, Mich.
Anderson Forge & Machine Co., Detroit, Mich.
Bacon & Matheson Forge Co. (Rafting & Lumber), 17H W. Lander, Seattle, Wash.
Bethlehem Steel Co., So Bethlehem, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Warren Axe & Tool Co., Warren, Pa.

Dogs (Ring)

See Dogs, Rafting & Lumber

3876-7— Dogs (Saw Mill)

American Saw Mill Machinery Co. ("American" Giant Duplex & "Knight's"), Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Diamond Iron Works ("Diamond & Dittenbenner"), 2nd & 18th av, N Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Frick Co., Waynesboro, Pa.
Garland M. Co. (Double Grip), Bay City, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hinds Thos. Co., Malone, N. Y.
Ireland Machine & Foundry Co., Norwich, N. Y.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Lippert E. T. Saw Co., Millvale, Pa.
Peavey Mfg. Co. ("Peavey"), Bangor, Me.
Phoenix Mfg. Co., Eau Claire, Wis.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
SINKER-DAVIS CO., Indianapolis, Ind.
Soule Steam Feed Works, Meridian, Miss.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Wheland Co., Chattanooga, Tenn.

Dogs (Timber)

See Dogs, Rafting & Lumber

3878— Doilies (Paper)

Am. Lace Paper Co., 419 3rd, Milwaukee, Wis.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Embree Co., Buena Vista, Va.
Japanese Tissue Mills, Holyoke, Mass.
Milwaukee Lace Paper Co. ("Peerless"), 350 Lee, Milwaukee, Wis.
Royal Lace Paper Wks., 842 Lorimer, B'klyn, N. Y.

3879—Dollies (Bridge Builders')

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Stanley Rule & Level Co, (Atha Div.), New Britain, Conn.

3880— Dollies (Lumber)

Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O. *See adv index at end of book*
Lansing Co., Lansing, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Soule Steam Feed Works, Meridian, Miss.
Standard Scale & Supply Co., Ltd. (Timber), 1631 Liberty av., Pittsburgh, Pa. *See adv index at end of book*
Western Wheel Barrow Mfg. Co., South Fort Smith, Ark.

3881— Dollies (Riveting)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

3882—Dollies (Tinners' & Roofers')

Emrich Phil., 824 Main, Cincinnati, O.

Dollies (Timber)

See Dollies, Lumber

3882a— Dolomite

Basic Products Co., Oliver bldg, Pittsburgh, Pa.
Dolomite Products Co., 1110 Euclid av, Cleveland, O.
Iron Trade Products Co. (Crude & Burnt), Farmers bldg, Pittsburgh, Pa.
Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
Kennedy Refractories Co., Bettsville, O.
National Sales & Trading Co. (Raw & Burnt), Cleveland, Ohio
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Washington Brick, Lime & Sewer Pipe Co ("Waco"), Spokane, Wash.
Woodville Lime Products Co., 622 Madison av, Toledo, O.

3883— Door Bumpers

Andrews Mfg. Co. (Bare Knobs), 413 Commerce, Phila., Pa.
Champion Hardware Co. ("Champion" Metallic), Geneva, O.
Columbus Brass Co., 538 Dublin, av, Columbus, O. *See adv index at end of book*
Diehl Novelty Co. ("Walds"), Glenbeulah, Wis.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co. (Wood), Norwalk, O.
Griffin Mfg. Co., Erie, Pa.
Hart Sash Holder Co. (Automatic Bumper & Holder), Lexington, Mo.
Lawrence Bros., Sterling, Ill.
Penn Hardware Co., Reading, Pa.
Shelby Spring Hinge Co., (Also Screen Doors), Shelby, O.
Stevenson Mfg. Co. (Wood), South Bend, Ind. *See adv index at end of book*
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Windham Handle Co., South Windham, Conn.

3884-5—Door Check & Spring Mfrs.

See also Springs, Door

Automatic Door Catch Co. ("Little Tiger" Automatic), Harvey, Ill.
Banker Mfg. Co. ("Invisible"), New Brunswick, N. J.
Barnett Foundry & Mach. Co. ("Barnett Pneumatic") Lyons av., Irvington N. J.
Bayer Gardner-Himes Co. ("Awl-In-One" Checking Spring Hinge), 101 Park av, New York
Bommer Spring Hinge Co., 263 Classon, Brooklyn, N. Y.
Caldwell Mfg. Co. (Checks, "Dime," "Caldwell"), Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Dunn Mfg. Co., Mankato, Minn.
Norton Door Check Co., 904 W Lake, Chicago, Ill.

DOOR CHECK & SPRING MFRS.—cont'd
Pullman Mfg. Co. (Door Checks, "Pullman"), Rochester, N. Y.
Reading Hardware Co. ("Reading"), Reading, Pa.
Rixson Oscar C. Co. ("Rixson" Overhead & Floor), 4450 Carroll av, Chicago, Ill.
Russell & Erwin Mfg. Co. ("Russwin" Liquid), New Britain, Conn.
Sargent & Co. ("Eclipse" "Sargent"), New Haven, Conn.
Stanley Works ("Perfect"), New Britain, Conn. *See adv index at end of book*
Stronach Door Check Co., 618 S Canal, Chicago, Ill.
Upson Nut Co., Cleveland, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Worcester Mfg. Co. ("Blount Improved"), Worcester, Mass.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

3886—Door Frames (Wrought Iron, Welded Corners)

Braun J. G., 609 S Paulina, Chicago, Ill.

3887— Door Hangers

Allith-Prouty Co. ("Reliable" Roller Bearing), Danville, Ill.
Bridgeport Hardware Mfg. Corp. ("Perfect"), Bridgeport, Conn.
Burkhardt John (Bronze), 531 W 55th, New York
Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. (Slidings "Coburn"), P. O. Box 127, Holyoke, Mass.
Coleman Hardware Co. (Barn), 122 S Michigan av, Chicago, Ill.
Diamond Door Hanger Co. ("Diamond" Tubular Ball Bearing), 28 Rodney, Brooklyn, New York
Dix Mfg. ("Dix" Noiseless), 400 E Eager & Fallsway, Baltimore, Md.
Frantz Mfg. Co., Sterling, Ill.
Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.
Hunt, Helm, Ferris & Co. ("Cannon Ball"), Harvard, Ill.
Lane Bros. Co. (Auditorium, Barn, Fire, Garage, Parlour, Warehouse, etc.), Poughkeepsie, N. Y.
Lawrence Bros. (General), Sterling, Ill.
Louden Machinery Co., Fairfield, Ia.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
McKinney Mfg. Co. (Barn Door), Liverpool & Metropolitan, Pittsburgh, Pa.
Martin S. B. ("Martin's"), Dalton, O.
MYERS F. E. BRO. ("Giant Tubular," "Stayon," "Sure Grip," "O. K."), 900 Fourth, Ashland, O.
See adv index at end of book
National Mfg. Co. ("Silent"), Sterling, Ill.
National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
National Mill & Lumber Co. ("Pitcher"), 5th & Bryant, San Francisco, Cal.
National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Penn Hardware Co., Reading, Pa.
Porter J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. (Residence, Flats, Apartments, "Hero," "Palace," "LeRoy," "Royal," "Advance," "Rambler," "Simplex," "Model," "Champion"), Aurora, Ill.
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Safety Door Hanger Co. ("World's Best," "Red Rib" & "Wizard" Adjustable), Ashland, O.
St. Louis Car Co. (Adjustable), 8000 N B'way, St. Louis, Mo.
Sharon Hardware Mfg. Co. ("Sharon") No. 75 Storm Proof), Sharon, Pa.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Stowell Co., The ("Wilbern Adjustable"), South Milwaukee, Wis.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
Wrightsville Hdwre. Co., Wrightsville, Pa.

3888—Door Hangers (Accordion or Folding)

Allith-Prouty Co. ("Allith"), Danville, Ill.
McCABE HANGER MFG. CO., 426-428 W. 25th, New York
See adv index at end of book
Ogden J. Edward Co., 147 Cedar, New York

3889—Door Hangers (Adjustable)

McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*
MYERS F. E. BRO., 900 Fourth, Ashland, O.
See adv index at end of book
St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.

3890—Door Hangers (Auditorium)

COBURN TROLLEY TRACK MFG. CO. (Slidings "Coburn"), P. O. Box 127 Holyoke, Mass.
Lane Bros. Co., Poughkeepsie, N. Y.
McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*
Richards-Wilcox Mfg. Co. ("Richards" Folding), Aurora, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.

3891—Door Hangers (Barn or Warehouse)

Alco Foundry & Machine Co. (Barn), Hillsdale, Mich.
Allith-Prouty Co. ("Allith" & "Reliable," Roller Bearing), Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Chisholm-Moore Mfg. Co. (Warehouse Only), 5046 Lakeside, Cleveland, Ohio
COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 127, Holyoke, Mass.
Frantz Mfg. Co. ("Glide"), Sterling, Ill.
Hunt, Helm, Ferris & Co. ("Star," "U. S.," "Giant," "Knoxall," "20th Century," Plain & Ball Bearing, Harvard, Ill.
Lane Bros Co., Poughkeepsie, N. Y.
Lawrence Bros. ("Lawrence" Trolley, "Cyclone," "Clipper," "Union," "New Giant," "King Bee," "Cleveland," "Century," "Hummer," "Peerless," "Sterling," "Electric," also Parlor Door), Sterling, Ill.
Louden Machinery Co. ("Louden," "Royal"), Fairfield, Ia.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
McKinney Mfg. Co. ("Keystone"), Liverpool & Metropolitan, Pittsburgh, Pa.
Martin S. B. ("Martin Wonder," "Bird," "Channel"), Dalton, O.
MYERS F. E. & BRO. ("Faultless" "Myers' Adjustable Tandem," "O. K." & "Stayon" Flexible, "Sure Grip" Flexible, "Sure Grip" Tandem Flexible, 'Sure Grip' Adjustable Tandem, "O. K. Adjustable," "New Way" Tubular, & "Giant Tubular," "Faultless" Self-Cleaning Garage), 800 Fourth, Ashland, O.
See adv index at end of book
National Mfg. Co. ("National," "Big 4," "Stormproof," "National"), Sterling, Ill.
Newhall Henry B., 89 West, New York
Ney Mfg. Co., Canton, O.
Ogden J. Edward Co., 147 Cedar, New York
Penn Hardware Co., Reading, Pa.
Porter J. E. Co. ("Tonado," "Whirlwind," "Can't getoff" & "Porter's"), Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards," Ball Bearing, "Acme," "Ajax," "Duplex," "Everson," "Gem," "Richards Boss," "Richard Peerless," "King," "Samson," "Standard," "Superior," "Sure-On," "U. S.," "Victor," "World," "Expansion," "Jumbo," "Hercules," "New Jap," "Nero," "Erie," "L. T.," "O. K.," "Wilcox," "Wilcox-Tandem," "Wilcox Stay-on," "Wilcox World Wide" Roller Bearings), Aurora, Ill.
Richey, Browne & Donald ("Crescent"), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Safety Door Hanger Co. ("Safety," "Storm King," "World's Best," "U. S. Standard," "Wizard" Adjustable, "Red-Rib"), Ashland, O.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. ("Sharon Trolley," "Common," "Big Ben," No. 75 Storm Proof), Sharon, Pa.
Souther E. E. Iron Co. ("Run Easy"), Klenlin & Hamburger, St. Louis, Mo.
Stowell Co., The ("Wilbern," "Wilbern Adjustable"), So. Milwaukee, Wis.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Swineford G. A. Co. ("Hinge-Stay-On"), Canton, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

3892— Door Hangers (Car)

Chisholm-Moore Mfg. Co. ("Moore's Baggage Door"), 5046 Lakeside, Cleveland, O.
Jones Car Door Co., Monadnock blk, Chicago, Ill.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
Newhall Henry B., 89 West, New York
Reliance-Grant Elevator Equipt. Corp. ("Reliance"), 101 Madison av, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stowell Co., The ("Stowell," "Wilbern Adjustable," "Moore"), So Milwaukee, Wis.

3893—Door Hangers (Elevator)

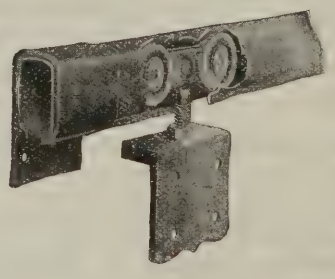
Chisholm-Moore Mfg. Co. ("Moore's," Anti-Friction Roller Bearing), 5046 Lakeside, Cleveland, O.
Grant Pulley & Hardware Co. ("Diamond"), 101 Park av, New York.
McCABE HANER MFG. CO. ("(McCabe" Ball-Bearing, etc), 426-428 W 25th, New York *See adv index at end of book*
MYERS F. E. & BRO. 900 Fourth, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Reliance-Grant Elevator Equipt. Corp. ("Reliance"), 101 Madison av, New York
Richards-Wilcox Mfg. Co. ("Ideal," "Invincible" Ball & Roller Bearing), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
SMITH F. P. WIRE & IRON WORKS 3340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stowell Co., The ("Wilbern Adjustable" Loose Axle & Roller Bearing), S. Milwaukee, Wis.

McCABE HANGERS

FOR ALL TYPES OF SLIDING DOORS

PARLOR, GARAGE DOORS, FOLDING PARTITIONS

BANK CAGE, AND ELEVATOR DOORS



The McCabe Hanger Mfg. Co.

426-28 West 25th Street, New York, N. Y.

3894— Door Hangers (Fire)

Allith-Prouty Co. ("Allith" & "Prouty," "Reliable" Roller Bearing), Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Brewer Bros. Co. (Sliding), 2nd & Somerset, Phila., Pa.
California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
Lane Bros. Co., Poughkeepsie, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Peters Jas. & Son (Sliding), 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. (Roller Bearing, also Fixtures), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Stowell Co., The ("Wilbern Adjustable," "Underwriters"), S Milwaukee, Wis.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.

Door Hangers (Garage)

See Hangers, Garage Door

3894a—Door Hangers (No-Track-Sliding)

COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 127, Holyoke, Mass.

3895—Door Hangers (Parlor)

Allith-Prouty Co. ("Prouty" Roller Bearing, Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
COBURN TROLLEY TRACK MFG. CO. (Sliding "Coburn"), P. O. Box 127, Holyoke, Mass.
Detroit Brass & Malleable Wks. (Cast Iron), 1177H Holden, Detroit, Mich.
Dix Mfg. Co. ("Dix" Noiseless), 400 E Eager, Fallsway, Baltimore, Md.
Hunt, Helm, Ferris & Co. ("Cannon Ball," Roller Bearing), Harvard, Ill.
Lane Bros. Co. ("Lanes Standard"), Poughkeepsie, N. Y.
Lawrence Bros. ("Easy," "Lawrence," "Cyclone," "City," Accordion New Electric Six), Sterling, Ill.
Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
National Mfg. Co. ("Silent"), Sterling, Ill.
National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Richards-Wilcox Mfg. Co. (Trolley, Ball & Roller Bearing, etc.), Aurora, Ill.
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3896—Door Hangers (Sliding or Folding)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
MYERS F. E. & BRO. ("Giant Tubular" "Sayton," "Fautless" Garage), 900 Fourth, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York.
Ogden J. Edward Co., 147 Cedar, New York
Pacific Tank & Pipe Co. ("Pitcher" Sliding), 318 Market, San Francisco, Cal.
Reliance-Grant Elevator Equipt. Corp. ("Reliance"), 101 Madison, New York
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Sharon Hardware Mfg. Co., Sharon, Pa.

3897—Door Hangers (Trolley Track)

Allith-Prouty Co., Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
McCABE HANGER MFG. CO. ("McCabe" Ball Bearing, etc.), 426-428 W 25th, New York *See adv index at end of book*
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Richards-Wilcox Mfg. Co., Aurora, Ill.
Sharon Hardware Mfg. Co. ("Penn," "Flying Dutchman," "B. B." "Sharon"), Sharon, Pa.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3898— Door Holders

See also Door Stops

Bolles Wm. B. (Automatic Locks & Latches), P. O. Box 600, M Milwaukee Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
Champion Hardware Co ("Champion"), Geneva, O.
Frantz Mfg. Co. ("Glide"), Sterling, Ill.
Griffin Mfg. Co. (Garage), Erie, Pa.
Neal B. B. Hardware Co. ("Minn"), 117
Rixson Oscar C. Co. ("Rixson"), 4450 Carroll av, Chicago, Ill.
STANLEY WORKS, (Garage Wrought Steel), New Britain, Conn. *See adv index at end of book*
Superior Spring Hinge Co. ("Superior"), 550 W. Lake, Chicago, Ill.

3899—Door Jambs (Drawn Steel)

Braun J. G., 609 S. Paulina, Chicago, Ill.
Mesker Bros. Iron Co. (Drawn), 421 S 6th, St. Louis, Mo.
Withers Foundry & Machine Works, Atlanta, Ga.
Zahner Metal Sash & Door Co., Canton, O.

3900—Door Knobs (Brass & Bronze)

Art Hardware & Mfg. Co., Seattle, Wash.
Barrows Lock Co., Lockport, Ill.
Corbin P. & F., New Britain, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Sager Lock Co., North Chicago, Ill.
Sargent & Co. (& Steel), New Haven, Conn.
Schroder J. B. & Co. 133 E 5th, Cincinnati, O.

Door Knobs (Common)

See Locks & Knobs

Door Knobs (Glass)

See Knobs, Glass

3901—Door Knobs (Screwless)

Corbin P. & F., New Britain, Conn.
Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co. (All Kinds), New Haven, Conn.

Door Knobs (Wood)

See Knobs, Wood

3902—Door Knockers (Colonial)

Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Penn Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co., Freeport, Ill.

3903—Door Openers (Electric)

Bunnell J. H. & Co., 32 Park pl, New York
Corbin P. & F., New Britain, Conn.
Edwards & Co., Exterior av & 140th, New York
Kell Francis & Son, 401 E 163d, New York
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Mueller M., 18 Devonshire, Boston, Mass.
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 No 7th, Phila., Pa.
Richards-Wilcox Mfg. Co. (Garage Doors & Closers), Aurora, Ill.
Schneider John S., Ridgefield, Conn.
Standard Lock Co. ("Champion"), 113 Himrod, Brooklyn, N. Y.
Stewart James & Co., Inc. (Car), 1210 Fisher bldg, Chicago, Ill.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

3904-5—Door Opening & Closing Device (Pneumatic)

Consolidated Car Heating Co. (For Cars), Albany, N. Y.
National Pneumatic Co., Inc., 50 Church, New York

3906— Door Stops

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York. *See adv index at end of book*
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Brohard Co. ("Brohard" Holders), 3rd & Lehigh, Phila., Pa.
Caldwell Mfg. Co. ("The Empire" & "Caldwell" Door Holder), Rochester, N. Y.
Champion Hardware Co. ("Champion" Floor), Geneva, O.
Chapin-Stephens Co., Pine Meadow, Conn.
Columbus Brass Co, 533 Dublin av, Columbus, O. *See adv index at end of book*
Corbin P. & F., New Britain, Conn.
Dent Hardware Co. (Stops & Holders), Fullerton, Pa.
Detroit Shipbuilding Co. (Brass Dept.), ft. Orleans, Detroit, Mich.
Enterprise Hardware Mfg. Co., Frederick, Md.
Estes E. B. & Sons, 364 5th av (Wood), New York. *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Griffin Mfg. Co. (Garage Door Holder), Erie, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co., Nashua, N. H.
Hubley Mfg. Co. (Fancy), Lancaster, Pa.
Ives H. B. Co., New Haven, Conn.
Judd R. D., New Britain, Conn.
National Mfg. Co. (Door Holder), Sterling, Ill.
North Wales Machine Co. ("North Wales Door Holder), North Wales, Pa.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Racine Metal Stamping Co. (Also Holders), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Sargent & Co. (Door Holders), New Haven, Conn.
Shelby Spring Hinge Co. (Door Holders for Garage Doors), Shelby, O.
STANLEY WORKS (Wrought Steel Door Holder), New Britain, Conn. *See adv index at end of book*
Sterling Foundry Co. (Automatic Door Holder), Sterling, Ill.
STILES H. A. & CO. ("Hasco" Brand Base Knobs), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strock L. W. & Co. (Wood), Bethlehem, Pa.
Union Hardware Co., Torrington, Conn.
Weber-Knapp Co., Jamestown, N. Y.

3907-8—*Doors (Art Metal)

See also Bronze Doors; also Doors, Metal Entrance

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

3909— Doors (Ash-Pit)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Bayley Wm. Co., Springfield, O.
Bignall Co., Medina, N. J.
Burr Co., Champaign, Ill
Canton Foundry & Machine Co., Canton, O.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Covert H. W. Co., 137 E 46th, New York.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Donaldson Bros., Mount Clemens, Mich.
Donley Bros. Co. (The), 3625 E 74th, Cleveland, O. *See adv index at end of book*
Gehl Bros. Mfg. Co., West Bend, Wis.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Hastings Foundry & Iron Works, Hastings, Neb.
JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York. *See adv index at end of book*
Jardine Walter S. & Son Co. (Fireplace), 29 Central, Arlington Heights, Mass.
Klauer Mfg. Co., Dubuque, Iowa
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Lucas A. & Sons (Cast Iron only), 1329 S Washington, Peoria, Ill.
Majestic Co. ("Majestic"), Huntington, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.
Quinn Wire & Iron Co., Boone, Ia.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Rock Island Mfg. Co., Rock Island, Ill.
Rohns Albert & Co., 193 Cass, Detroit, Mich.
St. Louis Wire & Iron Co., St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*
Sanitary Co., Dept. H, Linfield, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Sperry D. R. & Co., Batavia, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stowell Co., The (also Flue), So Milwaukee, Wis.
Swett A. L. Iron Works, Medina, N. Y.
Western Iron & Foundry Co., Wichita, Kan.
Withers Foundry & Machine Works, Atlanta, Ga.

3909a—*Doors (Automatic Fire)

CORNELL IRON WORKS, 26th & 11th av, New York
KINNEAR MFG. CO., 716-766 Field av, Columbus, O. *See adv index at end of book*
Richmond Safety Gate Co., Richmond, Ind.
Wilson J. G. Corp., 8 W. 40th, New York *See adv index at end of book*

3910— Doors (Bakers' Oven)

Albrecht Francis J. (Automatic with Illuminating Connection), **1146 Penn av,** Pittsburgh, Pa.
Dutchess Tool Co., Fishkill on the Hudson, N. Y.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Mills Thos. & Bro., 8th & Thompson, Phila., Pa.
Robson Chas. & Co. ("Vienna" Patent), 8th & Washington av, Phila., Pa.
Sperry D. R. & Co., Batavia, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Watkins Jas. Y. & Son, 20 Catharine, New York
Western Iron & Foundry Co., Wichita, Kan.

3911— Doors (Balance)

Jackson Wm. H. Company, **2-4-6 W 47th,** New York

3912—Doors (Bronze & Iron)

Cincinnati Mfg. Co., Cincinnati, O.
DAHLSTROM METALLIC DOOR CO. (Hollow Metal), 413 Buffalo, Jamestown, N. Y.
Ellison Brass Mfg. Co. **(Bronze), Jamestown,** N. Y.
Gorham Co., Architectural Bronze, 5th av & 36th, New York.
Halsted Joseph Co., **1233 W Randolph,** Chicago, Ill.
HEATH J. S. CO., Franklin & Ontario, Chicago, Ill.
Jackson Wm. H. Company, 2 W 47th, New York
Lasar Ornamental Iron Co., 16th & O'Fallon St. Louis, Mo.
Manton & Smith Co., **1709 W Austin av,** Chicago, Ill.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Michael's Art Bronze Co., Covington, Ky.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
Zahner Metal Sash & Door Co., Canton, O.

3912a—Doors (Bulkhead S. S.)

McNab Co. ("Stones Hydraulic"), Bridgeport, Conn. *See adv index at end of book*

3913— Doors (Canopy)

Ogden J. Edward Co., 147 Cedar, New York

3914— Doors (Cellar)

Canton Foundry & Machine Co., **Canton, O.**
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Ernst C. K., **Buffalo, N. Y.**
Halsted Joseph Co., **1233 W Randolph,** Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lucas A. & Sons ("Flush Top" Wrought Steel), 1329 S Washington, Peoria, Ill.
Mansfield Steel Corp., **288 Milwaukee av,** E. Detroit, Mich.
Mesker Bros. Iron Co., 421 S 6th St. Louis, Mo.
MEYERS FRED. J. MFG. CO. (Steel Patented), Hamilton, O.
See adv index at end of book
Potts Mfg. Co. ("Potts"), **Mechanicsburg,** Pa.
Remaly Mfg. Co., Tamaqua, Pa.
Riesick Iron Wks., 1201 Metropolitan, Pittsburgh, Pa.
St. Louis Wire & Iron Co. (Steel), St. Louis, Mo.
Schreiber L. & Sons Co. (Steel Patented), **3869 Ivanhoe, Cincinnati, O.**
Smith F. P. Wire & Iron Works, **2340-48** Clybourn av, Chicago, Ill.
See adv index at end of book
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.

3914a— Doors (Chain Screen)

Codd E. J. Co. **(For Heat Protection), 700 So. Carolina, Baltimore, Md.**

3915— Doors (Cleanout)

COVERT H. W. CO., 137 E 46th, N. Y.
Donley Bros. Co., **3625 E 74th, Cleveland, O.**
See adv index at end of book
Republic Structural Iron Wks. Co., **1350** E 53rd, Cleveland, O.
St. Louis Wire & Iron Co., St. Louis, Mo.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Stolz Jos. & Son, Inc. (Cast Iron & Steel), 841 E 136th, New York.
Western Iron & Foundry Co., Wichita, Kan.
Withers Foundry & Machine Works, Atlanta, Ga.

Doors (Coal Hole)

See Doors, Ash-Pit

Doors (Coiling, Vertical)

See Partitions, Wood Rolling

3916— Doors (Cold Storage)

Brecht Co. (Cork Insulated), 1201 Cass av, St. Louis, Mo.
Ehrlich H. & Sons Mfg. Co., St. Joseph, Mo.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Hill C. V. & Co., 360H Pennington, Trenton, N. J.
Jamison Cold Storage Door Co. ("Jones," "No-Equal"), Hagerstown, Md.
Jones R. E., "Victor," Hagerstown, Md.
National Refrigerators Co., **827 Koelin av,** St. Louis, Mo.
Perkins Mfg. Co., **University & Fairview** avs, St. Paul, Minn.
See adv index at end of book
Stevens Benj. A. Co., Toledo, O.
Stevenson Cold Storage Door Co. **(Air & Fireproof),** Chester, Pa.
Victor Cooler Door Co., Hagerstown, Md.

3917—Doors (Copper Covered)

See also Doors, Fire-Proof, Metal & Metal Covered

Chesley A. C. Co., 275 Rider av, New York
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Empire Art Metal Co., Inc., **College Point,** L. I., N. Y.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
Valle & Young, Ridgely & Bush, Baltimore, Md.

3917a— *Doors (Core Oven)

CORNELL IRON WORKS, 26th & 11th av, New York
KINNEAR MFG. CO., 716-766 Field av, Columbus, O.
See adv index at end of book

3918—Doors (Crane Runway)

Cornell Iron Works, 26th & 11th av, New York
Ogden J. Edward Co., 147 Cedar, New York

3919—Doors (Cypress, Wholesale)

Carr, Ryder & Adams Co., Dubuque Ia.
Curtis Bros. & Co., Clinton, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon, Vantine Co., Davenport, Ia.
Goshen Sash & Door Co., Goshen, Ind.
Lutcher & Moore Cypress Lumber Co., **Ltd., Lutcher, La.**
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
Riggs Cypress Co. (Ltd.), Patterson, **La.**
Rock Island Sash & Door Works, **Rock Island, Ill.**
Sanders Bros. Mfg. Co., Ottawa, Ill.
Selden Cypress Door Co., Palatka, **Fla.**
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book

3920— Doors (Drop Fire)

Allith-Prouty Co. ("Reliable" Automatic Self-Closing), Danville, Ill.
Boughton Door Co. (Automatic Self-Closing). 311 Atlantic av, Boston, Mass.
Cornell Iron Works, 26th & 11th av., New York
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Johnson Geo. W. Mfg. Co., **209 W 17th,** Kansas City, Mo.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O.
See adv index at end of book
Wilson J. G. Corp., 8 W. 40th, New York
See adv index at end of book

3921-2— Doors (Dry Kiln)

Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Philadelphia, Pa.
Hadfield-Penfield Steel Co. (The), Bucrus, O. *See adv index at end of book*
Hussey John R., Indianapolis, Ind.
Johnson Geo. W. Mfg. Co., **209 W 17th,** Kansas City, Mo.

3923— Doors (Elevator)

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Manton & Smith Co., **1709 W Austin av,** Chicago, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Steelite Co. (Bronze), **1902 W 77th,** Cleveland, O.
Wilson J. G. Corp., 8 W. 40th, New York
See adv index at end of book

3924-5—Doors (Elevator Automatic)

See also Doors, Hatch, Automatic)

Bardsley Bros. Co., 151 Baxter, **New York**
Cornell Iron Works, 26th & 11th av, New York
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Hanke Iron & Wire Works ("The Meeker"), 800 N. Albany av, Chicago, Ill.
Johnson Geo. W. Mfg. Co., St. Louis, Mo.
Kauman Walter Mfg. Co., 3258 Spring Grove av, Cincinnati, Ohio
Kinnear Mfg. Co., Columbus, O.
See adv index at end of book
Reedy H. J. Elevator Co. **(Standard Styles), 15 W 2d,** Cincinnati, O.
Saino F. L. Mfg. Co., Memphis, Tenn.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincin-
See adv index at end of book
Warsaw Elevator Co., Warsaw, **N. Y., &** Dunn bldg, Buffalo, N. Y.

3926—Doors (Elevator, Bronze)

See also Bronze Doors

Buffalo Wire Works Co., 453 Terrace pl, Buffalo, N. Y.
See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
Dahlstrom Metallic Door Co. (Bronze & Hollow Metal), 413 Buffalo, Jamestown, N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3927— Doors (Fir)

Chehalis Fir Door Co., McCleary, Wash.
Pacific Mutual Door Co., **Tacoma, Wash.**

Doors (Fire)

Note.—For manufacturers of various kinds of fire doors see sub-classifications of this heading following in their regular alphabetical order. See also "Shutters (Fire").

3928—Composite Fire Doors (Sliding and Swinging Type)

Alignum Fireproof Products Co., Inc., So. River, N. J.

3929— Hollow Metal Fire Doors (Swinging Type)

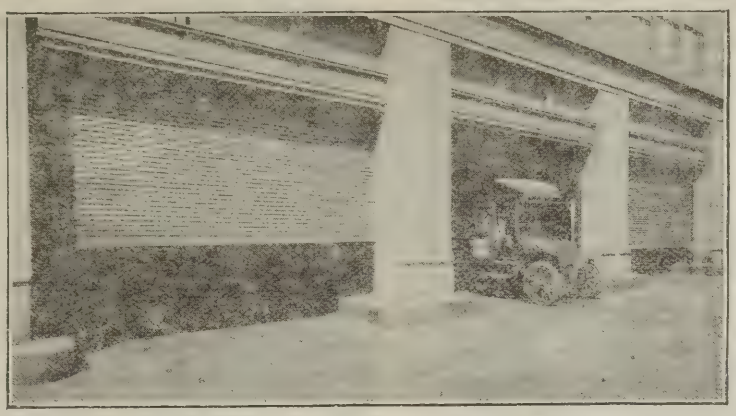
Alignum Fireproof Products Co., Inc., So. River, N. J.
Art Metal Construction Co., Jamestown, N. Y.
Art Metal Fire-Proof Door & Trim Co., Inc., (The), ULS 2732 Wentworth av, Chicago, Ill.
Cincinnati Mfg. Co. (The), Evans & Gest, Cincinnati, O.
Dahlstrom Metallic Door Co. ("Dahlstrom" Patent Construction, Artistically Finished, Absolutely Fireproof Hollow Metal Steel, Bronze or Copper), **143** Buffalo, Jamestown, N. Y., & Consolidated Gas bldg, 130 E 15th, New York
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point, N. Y.
Forderer Cornice Works, 269 Petrero av, San Francisco, Cal.
Knisely Co., Harry C., 1912 S. Western av, Chicago, Ill.
Lawton-Stephens Co., Inc., 427 Marcy av, Brooklyn, N. Y.
Perkins Mfg. Co. (Steel) University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Solar Metal Products Co., Inc., 470 Starr av, Columbus, O.
Sykes Co. (The), 930 W. 19th pl., Chicago, Ill.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Voightmann & Co., 445 W. Erie, Chicago, Ill.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
Zahner Metal Sash & Door Co., Francis av & Navarre rd, S. W., Canton, O.

3929a—*Doors (Fire Proof, Kalameined)

Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview av, St. Paul, Minn.
See adv index at end of book

3930—Metal Clad Panelled Fire Doors (Swinging Type)

Alignum Fireproof Products Co., Inc., So. River, N. J.
Art Metal Construction Co. **(Hollow Metal),** Jamestown, N. Y.
Art Metal Fire Proof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.
Boughton Door Co., 311 Atlantic av, Boston, Mass.
Chesley Co., A. C., E. 133d, New York
Cincinnati Mfg. Co. (Hollow Metal, "Underwriters' Label" & Metal Covered),
Evans & Gest, Cincinnati O.
COBURN TROLLEY TRACK MFG. CO. (THE), Holyoke, Mass.



WILSON

Standard for Forty-Five Years

STEEL AND WOOD

Rolling Doors and Shutters

Underwriters' Label Service

For Freight Sheds, Warehouses, Roundhouses, Manufacturing Plants, Garages —wherever durable doors are needed to conserve space.

Offices in the Principal Cities

THE J. G. WILSON CORPORATION, General Offices, 8 West 40th St., New York

Cornell Iron Works, 26th & 11th av, New York
DOWMAN-DOZIER MFG. CO. (Hollow Sheet Metal Panel), Atlanta, Ga.
Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Harris S. H. Co. ("Meeker" Metal Covered), 2424 W. 22nd, Chicago, Ill.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Howell, Field & Goddard, Review av, Long Island City, N. Y.
Kinnear Mfg. Co. ("Ajax," "Abacus" Approved Fire Doors), 716-766 Field av, Columbus, O.
See adv index at end of book
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lee Thomas & Son Co., 129 W. 2nd, Cincinnati, O.
McFarland J. C. Co., 520 W 36th, Chicago, Ill.
Norman-Seton, Inc., Winfield, L. I., N. Y.
Ogden J. Edward Co., 147 Cedar, New York
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Penn. Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pruden C. D. Co. (Also Hollow Sheet Metal), Dock Warner, Baltimore, Md.
Reliance Fireproof Door Co., West & Milton, Brooklyn, N. Y.
See adv index at end of book
Saino F. L. Mfg. Co., Memphis Tenn.
Thorp Fire Proof Door Co., 1600 Central av, Minneapolis, Minn.
Underwriters' Hatch Door Co. (Metal Covered), 1741 Walnut, Chicago, Ill.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Zahner Metal Sash & Door Co., Canton, O.

3931—Sheet Metal Fire Doors (Sliding and Swinging Type)

American Sheet Metal Works, 3500 S. Carrolton, New Orleans, La.
Carpenter R. F. Mfg. Co. (Steel Toilet Doors), 978 E. 64th, Cleveland, O.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Dexter Metal Mfg. Co. (Cellar Iron), 92 Arch, Camden, N. J.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Kinnear Mfg. Co., 716-766 Field av, Columbus, O. *See adv index at end of book*
Leonard Sheet Metal Works, Head Ferry, Hoboken, N. J.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
St. Louis Fire Door Co., 1512 Clark, St. Louis, Mo.
United States Metal Products Co. of the Pacific Coast, 330-10, San Francisco, Cal.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp. (Swing for Freight Sheds & Warehouses), 8 W. 40th, New York *See adv index at end of book*

3932—Steel Fire Doors (Counterbalanced Type)

Harris-Preble Door Co., 2424 W. 22nd, Chicago, Ill.
Hill Co., O. H., 2253 St. Paul, Chicago, Ill.
Peelle Co. (The), Stewart av & Harrison pl., Brooklyn, N. Y.
Richmond Safety Gate Co. (The), Richmond, Ind.
St. Louis Fire Door Co. ("Co-Bal-Dor"), 1134 S. Sixth, St. Louis, Mo.
Variety Mfg. Co. (The), 2958 Carroll av, Chicago, Ill.

3932a—Steel Fire Doors (Rolling Type)

Cornell Iron Works, 26th & 11th av, New York
Fort Pitt Steel & Iron Works, 802 Fulton bldg, Pittsburg, Pa.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Kinnear Mfg. Co. (Wood), 716-766 Field av, Columbus, O.
See adv index at end of book
Penn. Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
WILSON J. G. CORP'N ("Salamander"), 8 W. 40th, New York
See adv index at end of book

STEEL ROLLING

Fire Doors and Shutters

PERKINS M'F'G. CO.

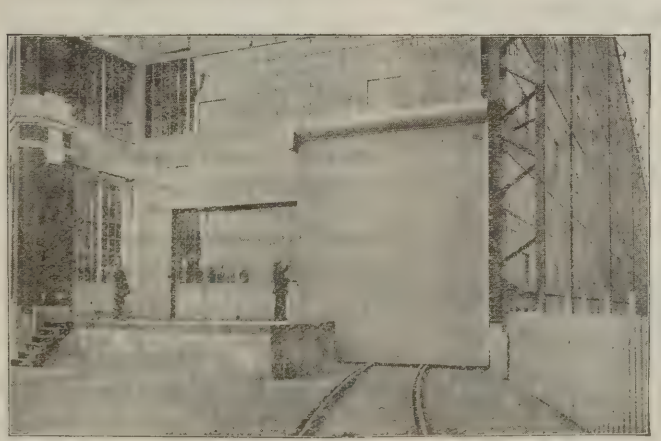
ST. PAUL, MINN.

3932b—Tin Clad Fire Doors (Counterbalanced Type)

Peelle Co. (The), Stewart av. & Harrison pl., Brooklyn, N. Y.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Safety Door & Gate Co., Inc. (The), 713 Herkimer, Brooklyn, N. Y.
St. Louis Fire Door Co. ("Ti-Co-Dor"), 1134 S. Sixth), St. Louis, Mo.
Variety Mfg. Co. (The), 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp., 8 W. 40th, New York
See adv index at end of book

3932c—Tin Clad Fire Doors (Sliding and Swinging Type)

Akerly Hiram A., 57 Prince, New York
American Sheet Metal Works, 3427 S. Carrollton, New Orleans, La.
Bauer's Chas. Sons, 159 William, Buffalo, New York
Bierach & Niedermeyer Co., 220 5th, Milwaukee, Wis.
Burton Co. W. J., Junction & Leavitt, Detroit, Mich.
California Fire Proof Door Co. ("Wilcox"), 1931 S. Los Angeles, Los Angeles, Cal.
Christmann Phillip & Sons Co., 858 Virginia, Buffalo, N. Y.
Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.
Cleveland Metal Hoofing & Ceiling Co., 3105 Detroit av, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. ("Coburn"), Holyoke, Mass.
Consolidated Sheet Metal Works Co., 661 Hubbard, Milwaukee, Wis.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.



KINNEAR ROLLING · DOORS

are perfectly balanced, therefore, are easy to operate.

Made of heavy interlocking steel slats, and when dented or broken by an unusual accident, can be quickly replaced by new ones without having to dismantle the door.

Kinnear Doors are made not only for service purposes, but can be made to meet all requirements of the National Board of Fire Underwriters.

Our Engineering Department is at your service. Write for catalogue.

THE KINNEAR MANUFACTURING CO.

716-766 Field Avenue, Columbus, Ohio, U. S. A.

TIN CLAD FIRE DOORS (SLIDING & SWINGING TYPE)—continued
Eberle Cornice Co., 4014 Laclede av, St. Louis, Mo.
Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Gordon-Lawless Co., Omaha, Neb.
Guarantee Iron & Wire Co., 2847 W. Lake, Chicago, Ill.
Harris S. H. Co., 2424 W 22nd, Chicago, Ill.
Hawbolt Chas. H., Portland, Me.
Holzer R. C. (Est. of), New Orleans, La.
Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.
Illinois Art Metal Co., Springfield, Ill.
Jeske & Bros. Co., 119 Reservoir av, Milwaukee, Wis.
Kasch Roofing Co., Akron, O.
Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.
Kinnear Mfg. Co., 716-766 Field av., Columbus, O. *See adv index at end of book*
Klauer Mfg. Co., Dubuque, Ia.
LEE THOMAS & SON CO., 129 W. 2nd, Cincinnati, O.
Leonard Sheet Metal Wks., Hoboken, N. J.
McFarland J. C. Co., 520 W. 36th, Chicago, Ill.
Machwirth Bros. Co.,' 201-9 Oak, Buffalo, N. Y.
Mannen John E. Co., 2247 St. Clair av, Cleveland, O.
Martin-Metal Mfg. Co., Wichita, Kans.
Merchant & Evans Co. ("Evans Almetl"), Washington av & 21st, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Missouri Fire Door & Cornice Co., 2nd & Chouteau av, St. Louis, Mo.
Murphy E. & Co., 3724 Cass av, St. Louis, Mo.
National Fire Proofing Co., 450 W. Broad, Columbus, O.
Northwestern Roofing Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.
Peelle Co. (The), Steward av & Harrison pl., Brooklyn, N. Y.
Penn Metal Co., 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Peters G. H. Co., 293 Oak, Buffalo, N. Y.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede st., St. Louis, Mo.
Pruden C. D. Co., Dock & Warner, Baltimore, Md.
Richmond Safety Gate Co., Richmond, Ind.
Riester & Thesmacher Co., 1512 W. 25th, Cleveland, O.
Ross R. J. Mfg. Co., 4241 Ogden av, Chicago, Ill.
Rudolph & Son Co., 416 Prospect av, N. W., Cleveland, O.
Siano F. L. Mfg. Co., Memphis, Tenn.
Shields, J. H., 213-233 Sycamore, Cincinnati, O.
St. John & Barquist Co., Des Moines, Ia.
St. Louis-Fire Door Co. ("Tinclad-Dor"), 1134 S. Sixth, St. Louis, Mo.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Stowell Co., The South, Milwaukee, Wis.
Stremel Bros. Roofing & Cornice Co., 1314 N. 3rd, Minneapolis, Minn.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
Underwriters' Hatch Door Co., 1741 Walnut, Chicago, Ill.
VAILE & YOUNG, Ridgely & Bush, Baltimore, Md.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Vonder Au & Cluss Mfg. Co., 2408 Jefferson, St. Louis, Mo.
Wand & Niehaus, 1315 Cora, St. Louis, Mo.
Waterloo Mfg. Co., Waterloo, Ia.
Westergren M. F., 213 E. 144th, New York
WILSON J. G. CORP., 8 W. 40th, New York *See adv index at end of book*

3933— Doors (Folding)

American Sash & Door Co., Kansas City, Mo.
Duncan Co., The, 508 Water, Toledo, Ohio
Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.
Harris S. H. Co. (Horizontal), 2424 W 42nd, Chicago, Ill.
KINNEAR MFG. CO. (Wood & Steel), 716-766 Field, av, Columbus, O.
See adv index at end of book
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Morgan Co. (Garage), Oshkosh, Wis.
Ogden J. Edward Co. ("Ogden Industrial"), 147 Cedar, New York
Peelle Co. ("Peele" Canopy), Stewart av & Harrison pl, B'klyn, N. Y.
Richmond Safety Gate Co., Richmond, Ind
St. Louis Fire Door Co. ("Fold-Up-Dor," for Garages, Warehouses, etc.), 1134 S Sixth, St. Louis, Mo.
St. Louis Wire & Iron Co., St. Louis, Mo.
Variety Mfg. Co. ("Cross," Horizontal for Freighthouses, etc), 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp., 8 W 40th, New York
See adv index at end of book

3933a—Doors (Freight & Round House)

See also Doors, Folding; also Shutters, Steel Folding
KINNEAR MFG. CO., 716-766 Field av, Columbus, O.
See adv index at end of book
Wilson J. G. Corp., 8 W 40th, New York
See adv index at end of book

3934— Doors (Grain)

Anguera Lumber & Tie Co., 111W Washington, Chicago, Ill.
Chicago Car Door Co., McCormick bldg, Chicago, Ill.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.

3935—Doors (Hard Wood & Veneered)

Alcott W. K. Co., 52nd & Lancaster, Phila, Pa.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Armstrong, Landon Co., Kokomo, Ind.
Batavia & New York Wood Working Co., Batavia, N. Y.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Brockway-Smith Corporation, 98 Canal, Boston, Mass.
Bush Bros., Royersford, Pa.
Caldwell-Iseminger Co., Middletown, O.
Carl John H., 510 1st av, New York
Carnahan Mfg. Co. ("Evans"), Loogootee, Ind.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carr & Baal Co. (Pine), Des Moines, Ia.
Carter-Travis Co., Seymour, Ind.
Chicago Millwork Supply Co. (Glazed), 1404 W 37th, Chicago, Ill.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Compound Door Co., St. Joseph, Mo.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Cream City Sash & Door Co. (For the Traffic Only), 601 Park, Milwaukee, Wis.
Crooks W. D. & Sons ("Pioneer"), Williamsport, Pa.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (For the Trade Only, Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Enterprise Planing Mill Co., Hillsboro, O.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Frey Planing Mill Co., Louisville, Ky.
Gauger John A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Goshen Sash & Door Co., Goshen, Ind.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Gravois Planing Mill Co. (Trade Only), Minnesota & Juniata, St. Louis, Mo.
Hardwood Products Co., Neenah, Wis.
Huttig Mill Wk. Co. (Wholesale Mfrs.), 1200 S Vanderventer, St. Louis, Mo.
Huttig Mill Wk. Co. (Wholesale Mfrs.), Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Ironton Wood Mantel Co. (Wholesale Mfrs.), Ironton, O.
Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
I. X. L. Furniture Co., Goshen, Ind.
Jamestown Mantel Co., Falconer, N. Y.
Kertscher & Co., Elmira, N. Y., & 13 Lawrence, New York
Lafayette Lumber Co., Lafayette, Ind.
Lamont Matthew Sons Co. (Wholesale Mfrs.), Bay City, Mich.
Lohse Patent Door Co. (Patented), St. Louis, Mo.
Lord Lumber Co. (For Dealers & Contractors), La Grange, Ill.
Lutcher & Moore Cypress Lumber Co., (Ltd.) (Wholesale Mfrs.), Lutcher, La.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
McPhee & McGinnity Co., Denver, Colo.
Manchester Mfg. Co., 1210H S. Vandeventer av, St. Louis, Mo.
Mechanics Planing Mill Co., 3742 N B'way, St. Louis, Mo.
Montgomery Bros. & Co., Buffalo, N Y.
Morgan Co. (Veneered Hardwood For the Trade Only), Oshkosh, Wis.
Mulliner Box & Planing Co., Quincy, Ill.
Paine Lumber Co. (Ltd.) (For the Trade Only), Oshkosh, Wis.
Phoenix Sliding Blind Co., Phoenix, N. Y
Pyrone Process Co. (Fire Proof), 20 E Gay, Columbus, O.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Redwood Manufacturers Co. (Redwood Oregon Pine), Hobart bldg, San Francisco, Cal.
Rikerd Lumber Co. (Wholesale Mfrs.), Lansing, Mich.
Ripley Lumber Co., Poultney, Vt.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
Roddis Lumber & Veneer Co. ("Sterling," Flush Veneered), Marshfield, Wis.
Rogers Sash & Door Co., New Britain, Conn.
St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.
Sanders Bros. Mfg. Co., Ottawa, Ill.
STEARNS A. T. LUMBER CO., 100 Taylor st, Boston, Mass.
See adv index at end of book
Struck Alfred Co., Louisville, Ky.
Trebing Mfg. Co., 1000 Center, N. W., Cleveland O.
Vanleer Bros., Brookville, Pa.
Whitmer-Jackson Sash & Door Co., 1996 W 3rd, Cleveland, O.
Wichita Sash & Door Co., Wichita, Kan.
Williamsport Planing Mill Co., Williamsport, Pa.
Wichita Sash & Door Co. (White Pine), Wichita, Kas.
Wilson J. G. Corp., 8 W 40th, New York
See adv index at end of book
Woodbury Mill & Lumber Co., Woodbury, N. J.

3936-7—Doors (Hatch, Automatic)

Beckwith Elevator Co., 123 Pearl, Boston Mass.
Cohoes Iron Foundry & Machine Co. Cohoes, N. Y.
Curran Jas. H. Elevator Co., 114 W 2d, Cincinnati, O.
Houser Elevator Co., Syracuse, N. Y.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Packer Thos., Union City, Conn.
Reedy H. J. Elevator Co. (Fusible Link in Case of Fire), 15 W 2d, Cincinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
Salem Elevator Works, Salem, Mass.
Sedgwick Machine Works, 150 W 15th, New York
Shields J. H., 231-33 Sycamore, Cincinnati, O.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Underwriters Hatch Door Co. (Electric), 1741 Walnut, Chicago, Ill.
Victor Mfg. Co. ("Victor," Fusible Link), Newburyport, Mass.
Warner Elevator Mfg. Co., Spring Grove av, Alfred & Valley, Cincinnati, O.
See adv index at end of book
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
Weichans A. C., Lancaster, Pa.

3938— Doors (Hopper)

Hegeman Castle Corp. ("Dunham"), Fisher bldg, Chicago, Ill.
Holden & White ("Dunham"), 343H S Dearborn, Chicago, Ill.
Hunt C. W. Co. (Gates), West New Brighton, N. Y.
See adv index at end of book
Industrial Supply & Equipment Co. ("Johnson"), 407 Samson, Phila., Pa.
Jeffrey Mfg. Co. (Gates), 961 N 4th, Columbus, O.
See adv index at end of book
Link-Belt Company (Gates), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., Prescott & Orleans, East Boston, Mass.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Trenton Malleable Iron Co., Trenton, N. J.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

3939—Doors (Iron & Glass)

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works (Iron), 800 N Albany av, Chicago, Ill.
Pitt Wm. R., Composite Iron Works (Vestibule & Storm), 548 W 27th, New York

Doors (Kalameined)

See Doors & Windows, Kalameined

3940—Doors (Locomotive Fire)

Franklin Railway Supply Co. "Franklin" (Power Operated), 30 Church, New York
National Railway Devices Co. ("Shoemaker"), 224 N Desplaines, Chicago, Ill.

3941— Doors (Manhole)

Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Girard Iron Works, 22d & Master, Phila., Pa.
Heiser Wm. Sons Co., Buffalo, N. Y.

Doors (Mausoleum, Bronze)

See Bronze Doors

3942—Doors (Metal Entrance)

See also Doors, Fire-Proof, Metal & Metal Covered
Cincinnati Mfg. Co., Cincinnati, O.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York; Works: Providence, R. I.

Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3943— Doors (Mine)

American Mine Door Co. ("Canton" Automatic), Canton, O.

3944—Doors (Open Hearth Furnace)

Aetna Foundry & Machine Co. (Hydraulic), Warren, O.
Blaw Knox Co. ("Knox" Welded Water Cooled), Freeport rd, Hoboken, N. J.
Keystone Bronze Co. ("Knox" Patent Copper), 39th & A. V. R. R., Pittsburgh, Pa.
Youngstown Engng Co., Youngstown, Ohio

3945—Doors (Passenger Car, Hollow Metal)

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.

3946—Doors (Red Cedar, Wholesale)

Redwood Mfrs. Co., Oakland, Cal.
Whatcom Falls Mill Co., Bellingham, Wash.

3947—Doors (Refrigerator Car)

Missouri Malleable Iron Co., E St. Louis, Ill.
National Refrigerators Co., 8th & Park, St. Louis, Mo.
Trenton Malleable Iron Co., Trenton, N. J.

3948— Doors (Revolving)

Atchinson Revolving Door Co., Independence, Kansas
Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.
International Steel & Iron Co., Evansville, Ind.
Jamison Cold Storage Door Co. ("No-Equal" for Passing Ice Cream to & from Hardening Room), Hagerstown, Md.
Revolving Door & Fixture Co., 556 W 27th, New York
Van Kannel Revolving Door Co. (Wood or All Metal), 250 W 54th, New York

3949—Doors (Shower Bath

Biele Chas. F. & Sons Co., 381 W 12th, New York

3950— Doors (Sidewalk)

See also Vault & Sidewalk Lights

American Three-Way Lurfer Prism Co., 139 Spring, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Columbia Iron & Wire Wks. Co. ("Columbia"), Canton, O.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
International Steel & Iron Co., Evansville, Ind.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Reliable Safe & Lock Co., Inc. (Vault), Covington, Ky.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Safe-Cabinet Co., Marietta, Ohio
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136tn, New York
Telescopic Sidewalk Hoist & Door Co., Phelan bldg, San Francisco, Cal.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Victor Safe & Lock Division, The Safe-Cabinet Co., Norwood, Cincinnati, O.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
Withers Foundry & Machine Works, Atlanta, Ga.

3951— Doors (Silo, Metal)

Bragstad Concrete Machy. Co., Inc., Canton, S. Dak.
Kretchmer Mfg. Co., Council Bluffs, Ia.

3952— Doors (Smoke House)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
Gehret Bros., Bridgeport, Pa.

3952a— Doors (Steel)

Detroit Steel Products Co., 2250 E Grand blvd, Detroit, Mich.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O.
See adv index at end of book
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
WILSON J. G. CORP. (also Iron), 8 W 40th, New York
See adv index at end of book
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

3953—Doors (Theatre, Fireproof)

Belles Wm. B., P.O. Box 600M, Milwaukee, Wis. *See adv index at end of book*
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.

3954— Doors (Trap)

Edwards O. M. Co., Inc. ("Edwards" Steel Extension Platform), Syracuse, N. Y.

Doors (Vault & Sidewalk Light)

See Doors, Sidewalk

3955-6— Doors (White Pine)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Morgan Co., Oshkosh, Wis.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

Doors (Wood Rolling)

See Shutters, Wood Rolling

3957—Doors (Yellow Cypress)

Cole Mfg. Co., Memphis, Tenn.
Columbus Iron Works, Columbus, Ga.
Curtis Bros. & Co., Clinton, Ia.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

3958-9-60-1—Doors (Yellow Pine)

Allen Mfg. Co. (Ltd.), Shreveport, La.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Columbus Iron Works, Columbus, Ga.
Cornell Iron Works, 26th & 11th av, New York
Curtis Bros. & Co., Clinton, Ia.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon, Vantine Co., Davenport, Ia.
Hanke Iron & Wire Works (Iron), 800 N Albany av, Chicago, Ill.
Morgan Co. (Laminated Panels), Oshkosh, Wis.
Reliance Fireproof Door Co., West & Milton, Brooklyn, N. Y.
Skyes Co., 930 W. 19th pl, Chicago, Ill.
Wilson J. G. Corp. (Steel Rolling), 8 W. 40th, New York
See adv index at end of book

3962—Doors & Windows (Kalameined)

Betz Bros., 34 James av, Jersey City, N. J.
Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brooklyn, N. Y.
Chesley A. C. Co., 275 Rider av, New York
Cincinnati Mfg. Co. (also Partitions, Metal Covered), Cincinnati, O.
DOWMAN - DOZIER MFG. CO., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Hermann & Grace Co., 671 Bergen, Brooklyn, N. Y.
Holzer R. G. (Est. of), New Orleans, La.
Howell, Field & Goddard, Review av, Long Island City, N. Y.
Hyde-Murphy Co., Ridgway, Pa.
Lee Thomas (Doors Only), 129 W 2nd, Cincinnati, O.
Leonard Sheet Metal Works, Hoboken, N. J.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Fire Proof Sash & Door Co., 499 Stagg Brooklyn, N. Y.
Orleans Steel Products Co., Inc. (Doors Only), 1021 Bienville, New Orleans, La.
Penn Metal Co. ("Penco" Doors also Partitions), 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pruden C. D. Co., Dock & Warren, Baltimore, Md.
Reliance Fireproof Door Co., West & Milton, Brooklyn, N. Y.
Rowe Henry Mfg. Co., Newaygo, Mich.
Thorp Fire Proof Door Co. ("Thorp-Richardson" Kalameined Doors), 1600-1610 Central av, Minneapolis, Minn.
U. S. Metal Products Co., San Francisco, Cal.
Variety Mfg. Co. (Doors Only), 2958 Carroll av, Chicago, Ill.
Westergen M. F., 213 E. 144th, New York

Dough Dividers

See Dough Dividing Machine

3963— Dovetails (Stove)

Burdick & Son, Albany, N. Y.
Lovejoy C. H. Chaplet Co., Cambridge N. Y.

3964— *Dowel Rods

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3965-6-7— Dowels

American Novelty Works, Wellsville, N. Y.
American Sash & Door Co., Kansas City, Mo.
Anchor Saw Mills Co., Memphis, Tenn.
Benskin Mfg. Co. (Brass, Iron & Wood), Canton, O.
Borgeson C. E. (Wood), 1775 Wilson av, Chicago, Ill.
Bowen Corp., Detroit, Mich.
Brinser E. C. Sons (Wood), Richmond, Va.
Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Cassaday Fairbank Mfg. Co. (In White Finish), 6126 S La Salle, Chicago, Ill.
Chain Products Co. (Brass), 3924 Cooper av, Cleveland, O.
Clark Cyrus B., Grand Rapids, Mich.
Connecticut Box Co., New Haven, Conn.
Cook & Coburn, West Fairlee, Vt.
Dayton Handle & Golf Co., Dayton, Ohio
Everett A. & Son (Brass & Wood), Auburn, N. Y.
Frary Mfg. Co. (Wooden), Charlemont, Mass.
Gravely B. F. & R. P. (Wood), Martinsville, Va.
Grayling, Dowel Co., Grayling, Mich.
Grover R. A. (Wood), Andover, Me.
Harriman S. H., Fryeburg, Me.
Hicksville Handle Co. (All Sizes), Three Rivers, Mass.
Hieb Box Mfg. Co., Merrill, Wis.
Higgins Alvah E., Jamaica, Vt.
Lebzelter P. & Son, Lancaster, Pa.
Lobdell Emery Mfg. Co., Onaway, Mich.
Minton T. W. & Son (Hickory), Barbourville, Ky.
MORSE FRANK W. (Smooth, Grooved & Threaded, Brass Pin, Round & Oblong Plate), 289 Congress, Boston, Mass.
See adv index at end of book
Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Sta., Boston, Mass.
Novelty Turning Co. (Wood), Norway, Me.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Shaw & Tenney (Wood), Orono, Me.
Sheldon H. Mfg. Co. (Fan & Fly Swatter), Elkland, Pa.
Smith H. B. & Co., Hanover, Me.
South Bend Dowel Works, South Bend, Ind.
Standard Turning Works (Wood), Cambridge, Mass.

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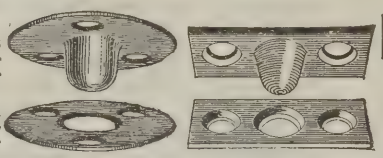
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DOWELS—continued

STEVENSON MFG CO. (Wood), South Bend, Ind. *See adv index at end of book*

Stiles H. A. & Co. (Wooden), 93-97 Oliver, Boston, Mass.
See adv index at end of book

STILES H. A. & CO., 93-97 Oliver, Boston, Mass *See adv index at end of book*

Townsend Co., New Brighton, Pa.

Wellman Products Co. (Wood & Metal), 1444 E 49th, Cleveland, O.

3968—Dowels (Coopers' Hickory)

Bogert & Hopper, Inc. (Plain, Beaded, Rope, Twist & Furniture), 57 Barclay, New York *See adv index at end of book*

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3969—Dowels (Patternmakers')

Benskin Mfg. Co. (Brass), Canton, O.

Combined Supply & Equipment Co., Inc., 766-772 Grant av, Buffalo, N. Y.

Diamond Clamp & Flask Co., Richmond, Ind.

Federal Malleable Co. ("Fraser," Malleable Iron), West Allis, Wis.

Fawker W. S. Mfg. Co., 458 Bacon, Dayton, O.

Knight H. W. & Son (Brass), Seneca Falls, N. Y.

Shanafelt Mfg. Co. (Brass & Hardwood), Canton, O.

Standard Turning Works, Cambridge, Mass.

Timmis & Clissold (Brass & Wood), Bound Brook, N. J.

Williams William Jr. (Brass), New Britain, Conn.

3969a — * Dowels (Plain, Beaded, Rope, Twist & Furniture)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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Minton T. W. & Son (Reed & Fibre Furniture), Barbourville, Ky.

3970-1— Dowels (Rail)

Jencks E. Mfg. Co., Worcester, Mass.

Parker Wire Goods Co. (Iron Hand Rail, Gimlet Pointed Screws), Worcester, Mass.

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

3972— Dowels (Steel)

See also Wire Nail Mfrs.

Badger Nail Co., 159 Muskego av, Milwaukee, Wis.

Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Townsend Co., New Brighton, Pa.
See adv index at end of book

3973— Draft Arms

Bastian-Blessing Co., 125 W. Austin av, Chicago, Ill. *See adv index at end of book*

Bradford Draft Gear Co., Atlanta, Ga.

3974— Draft Gear

Bradford Draft Gear Co. ("Bradford"), Atlanta, Ga.

Cardwell Mfg. Co. ("Cardwell," Friction), 332 S Michigan av, Chicago, Ill.

Commonwealth Steel Co. ("Transom," Cast Steel Draft Rigging), St. Louis, Mo. Works: Granite City, Ill.

Gould Coupler Co. ("Gould" Friction), 30 E 42nd, New York

Miner W. H. ("Miner" Draft Rigging), The Rookery, Chicago, Ill.

Standard Coupler Co. ("Sessions-Standard" Friction), 30 Church, New York. Works: Bridgeport, Conn.

Symington T. H. Co. ("Farlow"), 233 B'way, New York

Union Draft Gear Co. ("Cardwell" Friction), McCormick bldg, Chicago, Ill.

Waugh Draft Gear Co. ("Anderson," "Waugh," "Forsyth"), Peoples Gas bldg, Chicago, Ill.

Western Railway Equipment Co. ("Hoerr") Central Nat Bank, St. Louis, Mo.

WESTINGHOUSE AIR BRAKE CO., (Friction), Pittsburgh, Pa.

3975 Draft Inducer

Cooling Tower Co., Inc., 15 John, New York

3976—*Drafting Room Equipment

See also Architects' & Engineers' Instruments & Supplies.

ACME BLUE PRINT PAPER PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book

Post Frederick Co., 319 S. Wabash av, Chicago, Ill.

Warren-Knight Co., 136 N. 12th, Phila., Pa.

3976a— Drafting Tables

ACME BLUE PRINT PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book

American Drafting Furniture Co. ("American," "Morse"), 129 Mill, Rochester, N. Y.

Century Mfg. Co. (Steel Adjustable), Cleveland, O.

Cole H. Co. ("Harrison"), 68 E Gay, Columbus, O.

Defiance Mfg. Co., 22 E 41st, New York

Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.

Dillingham Mfg. Co., Sheboygan, Wis.

Economy Drawing Table & Mfg. Co., Adrian, Mich.

Elliott B. K. Co., 126 6th, Pittsburgh, Pa.

Fritz Mfg. Co. ("Fry's" Adjustable), Grand Rapids, Mich.

Hamilton Mfg. Co., Two Rivers, Wis.

Hein Furniture Co., 126 S. Huron, Toledo, Ohio

Hemp C. E., Hamilton, O.

Keuffel & Esser Co., Hoboken, N. J.

Lutz Co. ("Forsyth's" Adjustable), Guttenberg, N. J.

Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

Post Fred'k Co. (Post's "Brimo" Adjustable Drawing Table), 3635 S Clark Chicago, Ill.

Price W. R., Inc. (For Educational Purposes), 127 Fifth av, New York

Rowe Henry Mfg. Co., Newaygo, Mich.

Shartle Bros. Machine Co., Middletown, O.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Taws Henry M. ("Emerson's"), 920 Arch, Phila., Pa.

Washburn Shops ("Worcester"), Worcester, Mass.

Wausau Fixture & Furniture Co. ("Ulrich" Adjustable Shadowless), Wausau, Wis.

Weber F. & Co., 1220 Buttonwood, Phila., Pa.; also St. Louis, Mo.; & Baltimore, Md.

Weydell F. O. ("Hi-Low"), 12 S Clinton, Chicago, Ill.

Williams, Brown & Earle ("Ajax" Telescope), 918 Chestnut, Philadelphia, Pa.

3977—Draftsmen (Mechanical)

Clyne R. G. Engineering Co., 12th & Tyler, St. Louis, Mo.

Durham Bros., 1611 Sansom, Phila., Pa.

Gaylord Chas. E. (Patent Office Drawings a Specialty), Marquette bldg, Chicago, Ill.

King R. D., 51 West Jackson, Chicago, Ill.

Nestor Mfg. Co., 40 W 13th, New York

3978—Drags (Handle, for Fishing Reels)

General Phonograph Corp. ("Rabbeth," "Governor"), 25 W 45th, New York

3979— Drainage Systems

Baggot E. Co. ("Durham"), 21 E Lake, Chicago, Ill.

Waring, Chapman & Farquhar ("Waring"), 874 B'way, New York

3980— Drainboards

Becker Mfg. Co. (Ash, for Sinks), Marietta, Ohio

Blake Specialty Co. (Aluminum) Rock Island, Ill.

Cahill Iron Works, Chattanooga, Tenn.

Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.

Enamel Products Co., Eddy rd & Taft av, Cleveland, O.

Plastone Co. ("Plastone," Sanitary), Los Angeles, Cal.

Trageser John Steam Copper Works (White Metal), 447 W 26th, New York

3981— Drainers (Cylinder)

American Safety Lamp & Mine Supply Co. ("Smith" Automatic), Scranton, Pa.

3982— Drainers (Dish)

Gem Mfg. Co. (Wood), N. Girard, Pa.

Hamblin & Russell Mfg. Co. ("Perfect," "O. K." Wire), Worcester, Mass.

Parker Wire Goods Co. (Wire), Worcester, Mass.

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

3983— Drainers (Sump)

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

3983a— Drains (Cast Iron)

See also Cellar Drains; also Drains Floor

Clow James B. & Son, Franklin & Harrison, Chicago, Ill.

Donaldson Iron Co. (Bell & Spigot Type), Emaus, Pa.

Glamorgan Pipe & Foundry Co., Lynchburg, Va.

Greenberg's M. & Son, 225 Beale, San Francisco, Cal.

Lynchburg Fdry., Lynchburg, Va.

U. S. Cast Iron Pipe & Fdry. Co., Burlington, N. J.

Warren Fdry. & Machine Co., Phillipsburg, N. J.

3984— Drains (Floor)

See also Drains, Cast Iron Cellar Drains

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

American Scale Co., Kansas City, Mo.

Blake Specialty Co. ("Blake" Junior No-Back), Rock Island, Ill.

Compound Injector & Specialty Co. ("Dehn's," "Acme," Deep Seal, "Peerless" Garage Floor), 419 N Laramie av, Chicago, Ill.

Crampton-Farley Brass Co. ("Sansealo," "Signet," "Noxall" with Back Water Trap), 221 Main, Kansas City, Mo.

Fee & Mason, 81 Beekman, New York

Haines-Jones & Cadbury Co. ("Hajoca" Brass Iron Body & All Iron), 1136 Ridge av, Phila., Pa.

Hunt Wm., 1512 S Grand av, St. Louis, Mo.

Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York

Josam Mfg. Co., 3063 E 61st, Cleveland, O.

Kansas City Flushing & Drain Co., 1433 Main, Kansas City, Mo.

Kokomo Brass Works, Kokomo, Ind.

Mechanicville Specialty Supply Mfg. Co., Mechanicville, N. Y.

Prier Brass Mfg. Co. ("Sieben," "Standard"), Kansas City, Mo.

Sanitas Mfg. Co. ("Donovan"), 105 Washington, Boston, Mass.

Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

3985-6-7— Drains (Ice Box or Refrigerator)

Blake Specialty Co., Rock Island, Ill.

Fee & Mason, 81 Beekman, New York

Kokomo Brass Works, Kokomo, Ind.

Modern Iron Works ("Badger"), Quincy, Ill.

Prier Brass Mfg. Co. ("Standard" "Sieben"), Kansas City, Mo.

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

3988— Draw-Bar Attachment

Brill J. G. Co. ("Radial"), 62nd & Woodland av, Phila., Pa.
Butler Drawbar Attachment Co. (Friction & Spring), Engineers bldg, Cleveland, O.
Miner W. H., The Rookery, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Van Dorn Coupler Co. (Electric Railway), 2325 S Paulina, Chicago, Ill.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

3989— Drawer Slides

Grant Pulley & Hardware Co. ("Turner" Anti-Friction), 101 Park av, New York

3990—Drawers (Bench, Steel)

Allsteelequip Co., Aurora, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Koenig Edward L., 23 W Kinzie, Chicago, Ill
Lupton's David Sons Co., Alleghany & Tulip, Phila., Pa.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
New Britain Machine Co. ("New Britain," Frictionless), 190 Chestnut, New Britain, Conn.
Terrell's Equipment Co., Grand Rapids, Mich.

3991—Drawers (Cash or Money)

Crescent Mfg. Co., Louisville, Ky.
Merriam Mfg. Co., Durham, Conn.
Quincy Show Case Works (Alarm or Gong), Quincy, Ill.
Russell & Erwin Mfg. Co. (Alarm Tills), New Britain, Conn.
Standard Cash Register Co., N Manchester, Ind.
Sun Mfg. Co., Columbus, O.
Tucker & Dorsey Mfg. Co. (Alarm Tills), Indianapolis, Ind.

Drawing Instruments

See Architects & Engineers' Instruments & Supplies

3992— Drawing Materials

See also Architects' & Engineers' Instruments & Supplies; also Blue Prints

ACME BLUE PRINT PAPER CO., 115 S Dearborn, Chicago, Ill.
See adv index at end of book
Crofoot Nielsen & Co., 172 W Washington, Chicago, Ill. *See adv index at end of book*

Crofoot, Nielsen & Co.
172 W. Washington St., Chicago, Ill.
Tel. Main { 759 / 684
Blue Printing and Drawing Materials

Defiance Mfg. Co., 22 E. 41st, New York
Elliot B. K. Co., 126 6th, Pittsburgh, Pa.
Johnston J. W. ("Snow White" Marking Fluid), New Arts bldg, Rochester, N. Y.
Huey Co. (Wholesale), 59 E Adams, Chicago, Ill.
Ledder & Probst, 21 Pearl, Boston, Mass.
PEASE C. F. CO., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Post Fredk Co., 3635 N Hamlin av, Chicago, Ill.
Queen City Blue Print Co., 124 Government pl, Cincinnati, O.
VINCENT GEO (Mfrs. Victor Vellum Tracing Paper), 422 E 53rd, New York.
WEBER F. & CO., 1220 Buttonwood, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md.

Drawing Tables

See Drafting Tables

Drays (Heavy Truck)

See Wagons, Freight, Teaming, etc

3993—Dredges (Gold, Dipper & Hydraulic)

Bucyrus Co., So Milwaukee, Wis.
ELLICOTT MACHINE CORP'N, 1111 Bush, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co. (Dipper & Hydraulic), Marion, O.
Jackson & Church Co. (Dipper, Hydraulic, Ditching, etc), Saginaw, Mich.
Luther Frederick P. Co. (Dipper & Hydraulic), 14 E Jackson blvd, Chicago, Ill.
Manitowoc Ship Bldg. Co., Manitowoc, Wis.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Norborn Engineering Co., Denckla bldg, Phila., Pa.
Osgood Co., Marion, Ohio

3994—Dredges (Gold & Placer Mining)

See also Dredging Machinery

Atkinson W. H. Co., Hoboken, N. J.
Bethlehem Shipbuilding Corp., Ltd. (Gold), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
ELLICOTT MACHINE CORP'N, 1111 Bush, Baltimore, Md.
See adv index at end of book
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Krogh Pump & Machinery Co., 147 Beale, San Francisco, Cal.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
New York Engineering Co. ("Empire"), 2 Rector, New York
Stearns-Roger Mfg. Co., Denver, Colo.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Construction Co., 604 Mission, San Francisco, Cal.
United Iron Works (Beach Sand Dredges), Oakland, Cal.
Yuba Mfg. Co. (Also Suction), Insurance Exchange bldg, San Francisco, Cal.

3995— Dredges (Steel)

American Steel Dredge Co., Fort Wayne, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Michigan Dredge Co., Bay City, Mich.
Osgood Co., Marion, O.

Dredging Machinery

See Machinery

3996— Dressers (Bibb Seat)

Buffum Tool Co., South Side, Louisiana, Mo.
Skinner M. B. Co. ("Skinner"), 562 W Washington, Chicago, Ill.
Wolverine Brass Works ("Universal"), Grand Rapids, Mich.

3997—Dressers (Emery Wheel)

American Emery Wheel Works, 325 Waterman, Providence, R. I.
Bay State Stamping Co. ("Bennett"), 380 Chandler, Worcester, Mass.
See adv index at end of book
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co. ("American"), Meriden, Conn.
Buckeye Mfg. & Foundry Co., 2046 W 55th, Cleveland, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Huntington" Improved), Geneva, Ill.
Calder Geo. H., Lancaster, Pa.
Carborundum Co., Niagara Falls, N. Y.
Challenge Machine Co. ("Gruwa-Huntington"), 5116 Springfield av, Phila., Pa.
Chicago Screw Co. ("Genuine Huntington"), Homan av & Fillmore, Chicago, Ill.
Chicago Wheel & Mfg. Co. ("Paragon" & "Huntington"), 1101 W. Monroe, Chicago, Ill.
Cleveland Flue Cleaner Mfg. Co. ("Brisben"), 321 Frankfort av, N W, Cleveland, O.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Collmer Bros. ("Huntington Collmer"), South Bend, Ind.
Crafts Arthur A. & Co., 125 Summer, Boston, Mass.
Curtin Hebert Co (Also Cutters, "Huntington," "Paragon," "Crescent"), Gloversville, N. Y.
Desmond-Stephan Mfg. Co. ("Dismo-Carbo," "Sherman" & "Huntington"), Urbana, O.
Dessau D. Printing Crafts bldg, 33rd & 34th & 8th av, New York
See adv index at end of book
Detroit Screw Works ("Genuine Huntington"), 348 Franklin, Detroit, Mich.
Diamond Drill Carbon Co. (Diamond Pointed Only), 59 Park row, New York
Diamond Machine Co., Providence, R. I.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th, Buffalo, N. Y.
See adv index at end of book
Dickinson Thos. L., 64 Nassau, New York
Ehrmann & Bahlsen, 2 Maiden la, New York
Electric Emery Wheel Co., 827 Broad, Newark, N. J.
Francis & Co. (Diamond), Hartford, Conn.
Gutman Chas., 35 Nassau, New York
Hartley Geo. ("Diamond"), Waterbury, Conn.
Machinery Co. of America, Big Rapids, Mich.
Makutchan Roller Bearing Co., 35 W. Lake, Chicago, Ill.
Meyers W. F. Co., Bedford, Ind.
Montgomery & Co. ("Strong" Diamond Holder), 105 Fulton, New York
North Wales Machine Co. ("Huntington"), North Wales, Pa.
Norton Company, Worcester, Mass.
Osborn-Crew Mfg. Co. ("Brisben"), 1628 E 39th, Cleveland, O.
Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.
Peninsular Emery Wheel Co. ("Huntington" Pattern), 253 Meldrum, Detroit, Mich.
Pratt Wm. E. Mfg. Co., 35 W. Lake, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO. ("Rearwin" Spiral), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rock Island Mfg. Co., Rock Island, Ill.
Rose S. Co., 12 John, New York
Ross Mfg. Co., 3160 W 106th, Cleveland, O.
Scranton Whetsone & Abrasive Wheel Co., Scranton, Pa.
Sinsz Philip Co. (Diamond), 300 Hanover, Baltimore, Md.
Southington Hardware Co., Southington, Conn.
Springfield Mfg. Co., Bridgeport, Conn.
land, O.
Standard Tool Co., 6700 Central av, Cleveland, O.
Stocker H. A. Machinery Co. ("Rearwin"), 117 N Jefferson, Chicago, Ill.
Tanite Co. ("Taylor"), Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.
Warren Axe & Tool Co. ("Huntington" Pattern), Warren, Pa.
Williams William, Jr. ("American," "Huntington"), New Britain, Conn.
Wrigley Thos. Co., 504 Sherman, Chicago, Ill.

3998— Dressers (Flour)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Anglo Am. Mill Co., Owensboro, Ky.
Barnard & Leas Mfg. Co., Moline, Ill.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Sprout, Waldron Co., Muncy, Pa.

3999—Dressers (Plumbers' Wooden)

See also Tools, Plumbers

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stossel Carl Sons & Co., Front Royal, Va.

4000—Dressing (Carriage Top, Harness, Etc.)

Alder Chemical Co. ("Star-Clean"), Mount Vernon, N. Y.
American Oleite Sales Co. ("Oleite" Harness), 1404 Park pl, St. Louis, Mo.
Arnold N. B. ("Slikup," "Slikup Leather Kote"), 1 Sigourney, Brooklyn, N. Y.
Arnstein Eugene ("Century"), 45 W 26th, Chicago, Ill.
Baum's Castorine Co. ("Baum's"), Rome, N. Y.
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chicago Varnish Co. ("Abyssinium"), 2100 Elston av, Chicago, Ill.
Detroit White Lead Works ("Rogers"), 560 E Milwaukee, Detroit, Mich.
Durkee-Atwood Co. ("Pie-Nie" auto), 40 Wilder, Minneapolis, Minn.
Eberson Lindsley Paint Co. ("Leather Lac"), 1832 Morgan, St. Louis, Mo.
Endurance Autoil Co. ("Luster Finish"), Muncie, Ind.
Felton, Silbey & Co. ("Evernew"), 136 W 4th, Phila., Pa.
Fiebing Chemical Co. ("Preste" & Patent Leather), 240 Reed Milwaukee, Wis.
Hall-Thompson Co. ("Wonder-Worker"), Hartford, Conn.
Harsh-Miller Mfg. Co. (Also Auto), Wabash, Ind.
Hazen-Brown Co., 727 Atlantic av, Boston, Mass.
Hilo Varnish Corp. ("Hilo"), Marcy & Flushing avs, Brooklyn, N. Y.
Hollingshead R. M. Co. ("Hollingshead," Carriage & "Whiz" Auto Top), Camden, N. J.
Jewel Mfg. Co., 2863 W 22d, Chicago, Ill.
Johnston R. F. Paint Co. ("Leatherlac"), Pearl & Main, Cincinnati, O.
Lowe Bros. Co., Dayton, O.
Lucas John & Co. ("Lucas"), 322 Race, Phila., Pa.
McLean-Jones Oil & Supply Co., Inc. ("McLean's Swastika," Leather), 40 Court, Boston, Mass.
Matt F. & Co. ("Alcovie"), 491 Washington, Newark, N. J.
Miller Frank Co., 349 W 26th, New York
Murphy Varnish Co. (Enamel Varnish), 1224 McWhorter, Newark, N. J.
Northwestern Chemical Co. ("Pioneer"), Marietta, O.
Nu-Back Mfg. Co. ("Leath-R-Nu"), 114 N Commercial, St. Louis, Mo.
Polish Products Co. ("B-Brite"), Kansas City Mo.
Richmond Bros, 616 Main, Cincinnati, O.

DRESSING (CARRIAGE TOP, HARNESS, ETC.),—continued
Reid W. W. Mfg. Co. ("Waxol"), 17 Caldwell, Boston, Mass.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
Thumb E. W. ("Sun Shine"), 372 [illegible], Chicago, Ill.
Tingley Chas. O. & Co. ("C. O. T."), Runway, N. J.
Valentine & Co., 456 4th av, New York
Viscol Co. ("Alol," "Pluviol"), Cambridge, Mass.
Wadsworth-Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.
Weiss Polish Works ("American"), 216 S Winchester av, Chicago, Ill.
West's L. M. Sons ("West's Enamel," "New West," "Mohair," "Automobile"), Rockford, Ill.

4001— Dressing (Hoof)

Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
World Refining Co., Easton, Pa.

4002—Dressing (Leather Belt)

Bradford Belting Co., 36 Warren, New York
Buffalo Belt Dressing Co., Buffalo, N. Y.
Kepec Co., 476 4th, Milwaukee, Wis.
Rosenberg Oil Co., 2066 Milwaukee av, Chicago, Ill.
Stephenson Mfg. Co., Albany, N. Y.

4003—Dressing (Razor Strop)

Razorine Mfg. Co., 335 B'way, New York

4004— Dressing (Rope)

See also Wire Rope Coating & Lubricants
American Specialty Mfg. Co., Iron & Erie Ry, Cleveland, O.
Cling-Surface Co. ("Cling-Surface"), Buffalo, N. Y.
Dixon Josph Crucible Co., Jersey City, N. J.
Dodge Sales & Engineering, Mishawaka, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S La Salle, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nason R. N. & Co. (Wire Rope), 151 Potrero av, San Francisco, Cal.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
STEPHENSON MFG. CO. ("Stephenson," Brown Label), Albany, N. Y.
Superior Chemical Mfg. Co. ("Superior"), Grand Rapids, Mich.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.
Zurp O. F. Co. ("Ropoleum"), Broad & Lehigh, Phila., Pa.

Dressing (Shoe)

See Shoe Blacking & Polish

4004a—Dressing (Top Receivers)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del.
See adv index at end of book

4005— Dried Blood

Baker H. J. & Bro. (Imp.), 81 Fulton, New York
Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
Dold Jacob Packing Co., Buffalo, N. Y.
Heller Jos. S. (Imported), 62 William, New York
Hollingshurst & Co., 66 Beaver, New York
Munro Robt. A. & Co. (Imp), 25 Pine, New York
Nitrate Agencies Co. (Imported), 102 Pearl, New York
Pittsburgh Provision & Packing Co., Herrs Isl., Pittsburgh, Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Wilson & Co. (Also Tankage), Union Stock Yards, Chicago, Ill.

4006—Drifts (For Drill Sockets)

Armstrong Bros. Tool Co. ("Armstrong," Plain & Automatic), 339 N Francisco av, Chicago, Ill.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Williams J. H. & Co. (Drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4007— Drill Ends (Rose)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

4008—*Drill Heads ("Diexco")

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

4009—*Drill Press (Combination & Multi Vise Trident)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

Drill Presses

See Drilling Machines

4010— Drill Speeders

Graham Mfg. Co. ("Graham"), 96 Point, Providence, R. I.
McCrosky Reamer Co. ("Wizard" Variable Speed & Reverse), Meadville, Pa.

4011—Drill & Vise Combined

Adams A. L., Cedar Rapids, Ia.
Goodell-Pratt Co., Greenfield, Mass.
Millers Falls Co., 28 Warren, New York

4012—Drilling Outfits (Submarine)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.

Drills (Artesian Well)

See Machinery, Well Drilling

4012a— Drills (Automatic)

See also Drilling Machines automatic
Goodell-Pratt, Greenfield, Mass.

4013—Drills (Beet Planting)

Allen S. L. & Co. ("Planet Jr."), 5th & Glenwood, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Deere & Co. (Also Bean), Moline, Ill.
Fetzer & Co. ("McSherry," "Fetzer"), Springfield, Ill.
Parlin & Orendorff Co., Canton, Ill.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Bench)

See Drilling Machines, Bench

4013a— Drills (Bit Stock)

See Drilling Machines, Automatic
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Republic Tool & Mfg. Co., 1401 W 9th, Cleveland, Ohio
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See also Drills, Chain Attachment
Whitman & Barnes Mfg. Co. (Countersink), Akron, O.
See adv index at end of book

4014— Drills (Blacksmiths')
(Upright, Post & Bench)

See also Drilling Machines, Blacksmiths'
Beall Tool Co., East Alton, Ill.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort W, Detroit, Mich.
Diamond Expansion Bolt Co., 89 West, New York *See adv index at end of book*
Fastfeed Drill & Tool Corp. (High Speed), Toledo, O.
Hubbard & Co., 634 Butler, Pittsburgh, Pa.
Lincoln Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Syracuse Twist Drill Co., Borden av, Syracuse, N. Y
Ward Tool & Forging Co., Latrobe, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4015— Drills (Blast Hole)

KEYSTONE DRILLER CO. ("Keystone"), Beaver Falls, Pa.
See adv index at end of book

Drills (Boiler Shell)

See Drilling Machines, Boiler

4016— Drills (Bracket)

Strong, Carlisle & Hammond Co. 336 Franklin av, N W, Cleveland, O.

4017—Drills (Breast & Hand, Geared)

See also Bit Braces; also Pneumatic Breast Drills
Bonney Shanks Co. ("Victor Turbine Drill," Air Driven), Chattanooga, Tenn.
Clark Jas., Jr., Electric Co. (Electrically Driven), Louisville, Ky.
Coates Clipper Mfg. Co. ("Coates" Housed Geared Flexible Shaft), Worcester, Mass.
Fray Jno. S. Co., Bridgeport, Conn.
Goodell-Pratt Co. ("Giant"), Greenfield, Mass.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Malleable Iron Fittings Co. ("M. I. F. Co." Comb. Drill & Valve Grinder), Branford, Conn.
Millers Falls Co. (Ball Bearing), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Stanley Rule & Level Co. (Breast), New Britain, Conn.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Stow Mfg. Co., Inc., Binghamton, N. Y.
See adv index at end of book
Temco Electric Motor Co. ("Temco," Electric), Leipsic, O.
Turner & Deegan, Bristol, Conn.
Wilkinson A. J. & Co. ("A. J. W. & Co."), 184 Washington, Boston, Mass.

4018—Drills (Brick & Stone)

(For Drilling Holes for Expansion Bolts, etc)
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brunner & Lay (Hollow Pipe for Brick, etc), 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Expansion Bolt Co. ("Chicago"), 324 W Washington, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Diamond N"), 89 West, New York
See adv index at end of book
Duffy J. F. Jr., 563 Fulton, Chicago, Ill.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Electro Magnetic Tool Co. (Electric Hammer), 2902 Carroll, Chicago, Ill.
Hubbard & Co. ("Peirce"), 63rd & Butler, Pittsburgh, Pa.
Irving Mfg. & Tool Co. ("Osborn"), 157 Chambers, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
STAR EXPANSION BOLT CO. ("SEBCO"), 145 Cedar, New York
See adv index at end of book
U. S. EXPANSION BOLT CO., 139-141 Franklin, New York
See adv index at end of book

Drills (Carriage, Rubber)

See Carriage Cloth, Rubber & Enamel

Drills (Center)

See Countersinks & Counter Drills Combined

4019—Drills (Chain Attachment, Bit Stock)

Buckeye Mfg. & Foundry Co. (Ball Bearing), 2046 W 55th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Fifield Bros. Co., Augusta, Me.
Goodell-Pratt Co. ("Giant" Automatic & Ratchet), Greenfield, Mass.
Grabler Mfg. Co. ("Wonder" & "Grabler" Self-Feeding), Cleveland, O.
Lincoln Twist Drill Co., Taunton, Mass.
Millers Falls Co. ("Millers Falls"), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Robinson M. W. Co. ("Dikeman"), 296 B'way, New York
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 H. B'way, New York: 130 H. Coit, Irvington, N. J.
See adv index at end of book
Union Twist Drill Co., Athol, Mass.
Upton & Gilman Machine Co. ("Duff"), Lowell, Mass.

4020— Drills (Churn)

Armstrong Mfg. Co., Armstrong bldg. Waterloo, Ia.
INGERSOLL-RAND CO. ("Calyx"), 11 B'way, New York
See adv index at end of book

4021— Drills (Clamp)

Goodell-Pratt Co. (Angular, Universal, etc), Greenfield, Mass.
Reed Francis Co. (4 Sizes), Worcester, Mass.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

4022— Drills (Coal, Etc.)

See also Machines, Coal Cutting
Bittenbender Geo. H. & Son, Plymouth, Pa.
Bittenbender W. W. & Co., Nanticoke, Pa.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Cyclone Machine Co. (Hand Only), Pittston, Pa.
Denver Rock Drill Mfg. Co. ("Waugh" Rock), Denver, Colo.
Dooley Bros. (Hand), 1201 S Washington, Peoria, Ill.
Eagen Jas. A. (Hand & Power), Wyoming, Pa.
Fulton Tool Works (Coal), Canal, Fulton, O.
Hardsocg Mfg. Co. (Hand Grip, Post, Post Ratchet, etc), Ottumwa, Ia.

Hardsocg Martin Co. (& Rock), 922 South av, Pittsburgh, Pa.
Hardsocg Wonder Drill Co. ("Wonder," Steam & Air), Ottumwa, Ia.
Herzler & Henninger Machine Works ("Tornado" Coal Only), Belleville, Ill.
Howell's Mining Drill Co. ("Spry" Electric, also Hand & Power), Plymouth, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
INGERSOLL-RAND CO. ("Sergeant," "Jackhamer," "Butterfly," "Leyner-Ingersoll" Electric-air), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works, Ltd. (Anthracite & Soft Coal), 3201 Smallman, Pittsburgh, Pa.
JEFFREY MFG. CO. (Electric Rotary Coal), 961 N Fourth, Columbus, O. *See adv index at end of book*
Joy Machine Co., Union Arcade, Pittsburgh, Pa.
Klein-Logan Co. (Hand), 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co. (The), Leetonia, O. *See adv index at end of book*
Le Grand Mine Drill Works, Wilkes-Barre, Pa.
Nixon Mining Drill Co., Chattanooga, Tenn.
Peoria Coal Drill Works, Peoria, Ill.
Pettigrew Foundry Co. ("Acme" Hand, Coal Mining), Harvey, Ill.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Salem Tool Co. (Coal Only), Salem, O.
Scranton Electric Construction Co. (Electric, for Mining Gypsum, Fire Clay, etc), Scranton, Pa.
South Side Fdry. & Mach. Works, Charleston, W. Va.
Wantling Isaac & Co. ("Champion" Post, "Little Wonder," "New Peoria," Grip Coal Drills), Peoria, Ill.
WARWOOD TOOL CO. (Handgrip Post, Post Ratchet, etc.), 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co. ("Walker"), What Cheer, Ia.

4023— Drills (Core)

American Well Works (The), 112 B'way, Aurora, Ill. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Crafts Arthur A. & Co., 125 Summer, Boston, Mass.
Dobbins Core Drill Co., Inc., 147 W 42d, New York
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Fastfeed Drill & Tool Corp. (High Speed), Toledo, O. *See adv index at end of book*
Glenzer J. C. Co. ("Utility" Comb, Interchangeable), 3H 14th, Detroit, Mich.
Hoffman Bros., Dept. H, Punxsutawney, Pa.
INGERSOLL-RAND CO. ("Calyx," "Diamondless"), 11 B'way, New York *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Lake Shore Engine Works (Diamond), Marquette, Mich.
Longyear E. J. Co. ("Longyear" Mounted Gasoline Diamond Drill), Security Bank bldg, Minneapolis, Minn.
McKIERNAN-TERRY DRILL CO., 17 Park row, New York *See adv index at end of book*
Meyers W. F. Co., Bedford, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pennsylvania Drilling Co. (Diamond Drills to Test for Coal, Clay & all Minerals), 1812 W Carson, Pittsburgh, Pa.
Standard Diamond Drill Co. ("Diamond," Capacity 350 to 6,000 ft), 38 S Dearborn, Chicago, Ill.
Sullivan Machinery Co. ("Diamond"), Peoples Gas bldg, Chicago, Ill.

4024—Drills (Corn Planting)

American Seeding Machine Co. (With Fertilizer Attachment), Springfield, O.
Avery B. F. & Sons, Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Case J. I. Plow Works ("F. F." "Pitman Drive"), Racine, Wis.
Deere & Co. (Also Bean), Moline, Ill.
Emerson-Brantingham Co. ("E-B") One-Horse with Fertilizer, two Row Riding), Rockford, Ill.
Fetzer & Co., ("McSherry" & "Fetzer"), Springfield, Ill.
Gale Mfg. Co., Albion, Mich.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Janesville Machine Co., Janesville, Wis.
Moline Plow Co. ("Flying Dutchman" & "Champion"), Moline, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co. ("P. & O." one two & three Row), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Crescent"), Springfield, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Shortsville Wheel Co., Shortsville, N. Y.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Cotter)

See Drilling Machines, Cotter & Key Seat

4025—Drills (Cotton Planting)

American Seeding Machine Co., Springfield, O.
Avery B. F. & Sons, Louisville, Ky.
Case J. I. Plow Works ("Pitman Drive"), Racine, Wis.
Deere & Co., Moline, Ill.
Moline Plow Co., ("A-1" "Dutchess"), Moline, Ill.
Racine-Sattley Co. ("Alomo," "Tonapah"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Thomas Mfg. Co., Springfield, O.

4026— Drills (Diamond)

Acme Diamond Tool Co., 12-16 John, New York
Crafts Arthur A. & Co. (Lens & Lip), 125 Summer, Boston, Mass.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Levine Abr., 14 John, New York
Mendes Cutting Factories, 12 John, New York
Meyers W. F. Co., Bedford, Ind.
Star Iron Works, Punxsutawney, Pa. *See adv index at end of book*

STAR IRON WORKS
PUNXSUTAWNEY, PA.
Manufacturers of
DIAMOND CORE DRILLS and CORE DRILL SUPPLIES

Wennstrom's John Sons Co., Suffern, N. Y.

Drills (Diamond Core)

See Drills, Core

4027-8—Drills (Electric Portable)

American Electric Tool Co. ("Carver"), West. Newton, Mass.
Arnold Electric Tool Co. ("Arnold"), 902 Chapel, New Haven, Conn.
Black & Decker Mfg. Co. ("B. & D"), 111 So Calvert, Baltimore, Md.
Buffalo Forge Co (Hand Pulley and Motor Driven), 490 B'way, Buffalo, N. Y.
Cary Jas. H. Portland, Me.
CHICAGO PNEUMATIC TOOL CO. ("Little Giant" Air Cooled), 6 E 44th, New York *See adv index at end of book*
Cincinnati Electrical Tool Co., Cincinnati, O.
Clark Jas., Jr., Electric Co. ("Willey"), 520 N. Main, Louisville, Ky.
Coates Clipper Mfg. Co., Worcester, Mass.
Emerson Electric Mfg. Co. (Motor Driven), 2024 Washington av, St. Louis, Mo.
Haskins R. G., 27 S La Salle, Chicago, Ill.
Hisey-Wolf Machine Co. ("Hisey"), Cincinnati, O.
Independent Pneumatic Tool Co., 600 W Jackson, Chicago, Ill.
Jones MacNeal & Co., 522 S. Clinton, Chicago, Ill.
Neil & Smith Electric Tool Co. ("Ideal"), 8th & B'way, Cincinnati, O.
Scranton Electric Construction Co. (For Mining Gypsum, Fire Clay, etc), Scranton, Pa.
Sprague Electric Works, 527 W 34th, New York
Standard Elec. Tool Co., York & Western av, Cincinnati, O.
STOW MFG. CO., INC., Binghamton, N. Y. *See adv index at end of book*
Temco Electric Motor Co. ("Temco" Drills & Motors), Leipsic, O.
UNITED STATES ELECTRICAL TOOL CO. (Hand), Cincinnati, O. *See adv index at end of book*
Van Dorn Electric Tool Co. ("Van Dorn"), 2978 Woodhill, Cleveland, O.
Wisconsin Electric Co., 1600 Junction av, Racine, Wisc.

Drills (Electrician's)

See Drills & Bits, Electricians'

4029— Drills (Extension)

Grabler Mfg. Co. (For Drilling Into I Beams or Concrete), Cleveland, O.
Star Expansion Bolt Co. ("Star"), 145 Cedar, New York *See adv index at end of book*
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4030— Drills (Fertilizer)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Philadelphia, Pa.
American Seeding Machine Co., Springfield, O.
Bateman Mfg. Co. ("Iron Age" Hand), Grenloch, N. J.
Crown Mfg. Co., Phelps, N. Y.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Genung C. W. ("Iron King" Hand), Madison, Ohio
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Hench & Dromgold Co., York, Pa.
National Drill Co., Cambridge City, Ind.
Ontario Drill Co., East Rochester, N. Y.
Rude Mfg. Co., Liberty, Ind.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

4031— Drills (Flat)

Eagle Tool Works, Bayonne, N. J.
Pratt & Whitney Co., Hartford, Conn.
Rich Tool Co., Ry. Exchange bldg, Chicago, Ill.

4032—*Drills (Flexible Shaft)

STOW MFG. CO., INC., Binghamton, N. Y. *See adv index at end of book*

4033— Drills (Friction Disc)

Barnes W. F. & Jno. Co. ("Barnes" Bench), Rockford, Ill.
Hoefer Mfg. Co., Freeport, Ill.

Drills (Gang)

See Drilling Machines, Gang

4034— Drills (Garden Seed)

Ames Plow Co., Framingham, Mass.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Genung C. W., Madison, O.
McWhorter Mfg. Co., Riverton, N. J.
Thornburgh Mfg. Co, Bowling Green, O.

4035— Drills (Grain)

American Seeding Machine Co. ("Buckeye," "Farmer's Favorite," "Fountain City," "Superior" Hoe, Shoe, Disc, also Low Down Press), Springfield, O.
Beatrice Iron Works, Beatrice, Neb
Beaver Dam Mfg. Co. Beaver Dam, Wis.
Champion Drill Co. ("Champion," "New York Champion"), Avon, N. Y.
Champion Wagon Co., Owego, N. Y.
Cole Mfg. Co. (3 Row), Charlotte, N. C.
Crown Mfg. Co., Phelps, N. Y.
Dempster Mill Mfg. Co. ("Dempster," "New Era"), Beatrice, Neb.
Dowagiac Drill Co. ("Cassapolis," "Dowagiac"), Dowagiac, Mich.
Emerson-Brantingham Co. ("EB" Plain & Fertilizer), Rockford, Ill.
Farquhar A. B. Co., Ltd. ("Pennsylvania" Force, Feed, Grain, Grass & Phosphite), York, Pa.
Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSherry" & "Fetzer"), Springfield, Ill.
Galloway Wm. Co., Waterloo, Ia.
Gantt Mfg. Co., Macon, Ga.
Genesee Valley Mfg. Co. ("Missouri"), Mount Morris, N. Y.
Gundlach Philip M. Sons (Force Feed), Bellville, Ill.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Hench & Dromgold Co. ("York"), York, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
King Drill Mfg. Co. ("King"), Nebraska City, Neb.
La Crosse Plow Co. ("Imperial"), La Crosse, Wis.
Messinger Mfg. Co. (With Grass Seeder), Tatamy, Pa.
Moline Plow Co. ("Monitor"), Moline, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Monmouth Plow Factory, Monmouth, Ill.
National Drill Co., Cambridge City, Ind.
Ontario Drill Co., E. Rochester, N. Y.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co. ("Illinois," "Union"), Peoria, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rude Mfg. Co. ("Rude," "Rude-Northwestern," "Indiana"), Liberty, Ind.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas"), Springfield, O.
Van Brunt Mfg. Co., Horicon, Wis.
Wayne Works, Richmond, Ind.
Wood Walter A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

4036-7— Drills (Grain Disc)

See also Drills, Grain

American Seeding Machine Co., Springfield, O.
Beaver Dam Mfg. Co., Beaver Dam, Wis.
Brinly Hardy Co., Louisville, Ky.
Champion Drill Co., Avon, N. Y.
Crown Mfg. Co., Phelps, N. Y.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dowagiac Drill Co., Dowagiac, Mich.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
La Crosse Plow Co. ("Imperial"), La Crosse, Wis.
Monitor Drill Co., St. Louis Park, Minn.
Ontario Drill Co., E. Rochester, N. Y.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co., Peoria, Ill.
Rock Island Plow Co. (Comb Disc Drill & Harrow), Rock Island, Ill.
Thomas Mfg. Co. (Plain & Fertilizer), Springfield, O.
Van Brunt Mfg. Co. (Shoe & Hoe & Low Down Press), Horicon, Wis.
Wayne Works, Richmond, Ind.

Drills (Grain & Fertilizer Combined)

See Drills, Grain

Drills (Hammer)

See Drills, Rock, Air Hammer

Drills (Hammer, Brick & Stone)

See Drills, Brick & Stone

4038— Drills (Hand Power)

Arnold Elec. Tool Co. ("Arnold"), 902 Chapel, New Haven, Conn.
Buffalo Forge Co. (Hand, Pulley & Motor Driven), Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Expansion Bolt Co. ("Chicago"), 324 W. Washington, Chicago, Ill.
Fray Jno. S. Co. (Malleable Iron Frame), Bridgeport, Conn.
Goodell-Pratt Co. (Double Geared, etc), Greenfield, Mass.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Jones E. D. & Sons Co. (For Metal), Pittsfield, Mass.
Lakepoint J. N. Co., New London, Conn.
Millers Falls Co. (Ball Bearing), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee," Automatic & Reciprocating, for Carpenters, etc), cor N American & Lehigh av, Phila., Pa.
Rutschman Oscar F., 1906 E Westmoreland, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
UNITED STATES ELECTRICAL TOOL CO., Cincinnati, O.
See adv index at end of book
Upton & Gilman Machine Co. (With Screw Feed & Chain Attachment), Lowell, Mass.

Drills (High Speed)

See Drills, Twist, High Speed

4039— Drills (Joist)

Bowlus Mfg. Co. ("Bowlus"), Springfield, Ohio.

4040—*Drills (Machine for Drilling Concrete)

Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
DIAMOND EXPANSION BOLT CO. ("Rapid Fire"), 89 West, New York
See adv index at end of book

4041—Drills (Marble & Granite)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Lincoln Iron Works, Rutland, Vt.
Meyers W. F. Co., Bedford, Ind.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

4042— Drills (Mine Ratchet)

Bonney Shanks Co., Chattanooga, Tenn.
Jones Machine & Foundry Co. ("Jones' " Reversible), Chattanooga, Tenn.
Peglar Machinery Co., Chattanooga, Tenn.
South Side Fdry. & Mach. Works, Charlestown, W. Va.
What Cheer Tool Co. ("Moser"), What Cheer, Ia.

4043—Drills (Mine, Self-Feeding)

Garrity Ralph E. Co., 607H Wabash bldg, Pittsburgh, Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

Drills (Multiple Spindle)

See Drilling Machines, Multiple Spindle

4044— Drills (Onion)

Allen S. L. & Co. ("Planet Jr." Single Row), 5th & Glenwood, Phila, Pa.
Bacon Mfg. Co. ("Bacon" Two Row), Pontiac, Mich.
Genung C. W. ("Iron King" Single Row), Madison, O.

4045— Drills (Paper)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

4046— Drills (Pipe)

Star Expansion Bolt Co. ("Star"), 145 Cedar, New York
See adv index at end of book
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4047—*Drills (Pipe & Star Face)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Star Expansion Bolt Co., 145 Cedar, New York *See adv index at end of book*

Drills (Piston Air)

See Pneumatic Piston Drills

Drills (Plug)

See Pneumatic Plug Drillers

Drills (Portable)

See Drilling Machines, Portable

4048— Drills (Post)

See also Drills, Blacksmith's

Aurora Tool Works, Aurora, Ind.
Buffalo Forge Co. (Floor & Bench), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self - Feed), Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion" Self-Feed, etc), Lancaster, Pa.
Goodell-Pratt Co. (Or Wall), Greenfield, Mass.
Illinois Iron & Bolt Co. ("Handy" & "Bailey" Ball Bearing, Hand or Power), Carpentersville, Ill.
Kane & Roach, Syracuse, N. Y.
Potts D. H. Co., Lancaster, Pa.
Reed Francis Co., Worcester, Mass.
Silver Mfg. Co., No. 256 Salem, O.
SMITH & HEMMENWAY CO., 261 H. B'way, New York & 130 H. Colt, Irvington, N. Y.
See adv index at end of book

4049— Drills (Post Mining)

Beall Brothers, Inc., Alton, Ill.
Fulton Tool Co., 313 6th av, Pittsburgh, Pa.
Howell Mining Drill Co. (Ball Bearing, Heavy Geared), Plymouth, Pa.
What Cheer Tool Co. ("Walkers," "Little Jap"), What Cheer, Ia.
Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

4050—Drills (Prospecting, Hand or Power)

American Well Works, The (Power Only), 112 B'way, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co. (Kerosene & Oil Engine or Elec. Motor Power), Waterloo, Ia.
Birdsboro Steel Foundry & Machine Co. ("Diamond"), Birdsboro, Pa.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Ingersoll-Rand Co. 11 Broadway, New York. *See adv index at end of book*
KEYSTONE DRILLER CO. (Power Prospecting), Beaver Falls, Pa.
See adv index at end of book
New York Engineering Co. ("Empire" Hand), 2 Rector, New York
Sparta Iron Works Co., Sparta, Wis.
Sullivan Machinery Co. ("Diamond" Core), Peoples Gas bldg, Chicago, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

4050a— Drills (Radial)

See also Drilling Machines, Radial

Silver Mfg. Co. (2½-3-3½ ft), No. 256 Salem, O.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Thompson Machinery Co., Union Arcade, Pittsburgh, Pa.
UNITED STATES ELECTRICAL TOOL CO., 549 Washington blvd., Chicago, Ill. *See adv index at end of book*

4050b— Drills (Rail Bonding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Crerar, Adams & Co., 259 E. Erie, Chicago, Ill.

4051— Drills (Rail Bonding)

Crerar, Adams & Co. ("Calumet" & "Eureka"), 259 E. Erie, Chicago, Ill.
Fastfeed Drill & Tool Corp. (High Speed), Toledo, O.
Stow Mfg. Co., Inc., Binghamton, N. Y.
See adv index at end of book

4052— Drills (Ratchet)

Armstrong Bros. Tool Co. ("Armstrong" Universal, Short, Standard & Packer), 339 N Francisco av, Chicago, Ill.
Ashcroft Mfg. Co., 119 W 40th, New York
Bagshaw & Field (Flat), 445 N 5th, Phila., Pa.
Billings & Spencer Co. (Double-Acting "Packer" for Flat & Square Shank Drills), Hartford, Conn.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Fastfeed Drill & Tool Corp., Toledo, Ohio.
Gallagher Mfg. Co. ("Universal"), Lynn, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Irving Mfg. & Tool Co. ("Weston's" Packer), 157 Chambers, New York
Keystone Mfg. Co. ("Monarch," "Keystone," "Giant," "Weston"), Buffalo, N. Y.
King A. R. Mfg. Co. ("Packer"), Kingston, N. Y.
Lincoln Twist Drill Co., Taunton, Mass.
Lovejoy Tool Works ("Packer"), 319 W Ohio, Chicago, Ill.
See adv index at end of book
LOWELL WRENCH CO. ("S. T. D." Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Lutz Co., Inc., Morris & Bambrey, Phila., Pa.
Millers Falls Co. (Flat), 28 Warren, New York
Parker Chas. Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.
Reed Francis Co. (Plain & Geared), Worcester, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.
Stortz John & Son (Flat & Pipe), 210 Vine, Phila., Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4053— Drills (Rice Planting)

American Seeding Machine Co. ("Buckeye," "Farmer's Favorite," "Superior"), Springfield, O
Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York
Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSherry" & Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co. ("Missouri"), Mt. Morris, N. Y.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Moline Plow Co. ("Monitor"), Moline, Ill.
Peoria Drill & Seeder Co., Peoria, Ill.
Thomas Mfg. Co. ("Thomas"), Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Rock, Air)

See Pneumatic Rock Drills

4054—Drills (Rock, Air Hammer)

(For Mining & Construction)

Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Denver Rock Drill Mfg. Co ("Waugh" Drifting, Stopping & Sinking), Denver, Col.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.
Sullivan Machinery Co. ("Sullivan"), People's Gas bldg., Chicago, Ill.
Whitcomb Geo. D. Co., Rochelle, Ill.

4055—Drills, (Rock, Autotraction)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4056—Drills (Rock, Compressed Air)

Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Howell's Mining Drill Co., Plymouth, Pa.
INGERSOLL-RAND CO. ("Sergeant," "Butterfly," "Leyner - Ingersoll," **"Jackhamer," "Bull Moose," "Stopehamer"), 11 B'way, New York**
See adv index at end of book
McKiernan-Terry Drill Co. ("McKiernan-Terry"), 17 Park row, New York City
See adv index at end of book
Rix Compressed Air & Drill Co. ("Torpedo" Baby Drill), 505 Howard, San Francisco, Cal., & 409 E. 3rd, Los Angeles, Cal.
Rogers Jno. M. Works, Gloucester City, N. J.
Schramm Chris. D. & Son, Inc. (Up to 6' **Holes, in any Rock; Self Rotating** Drill up to 12' Holes), 709 Arch, Phila, Pa.
Shaw C. H., Pneumatic Tool Co., Denver, Colo.
Wood Drill Works, 36H Dale av, Paterson, N. J.

4057—Drills (Rock, Electric)

American Well Works, Aurora, Ill.
Armstrong Mfg. Co., Waterloo, Ia.
Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, New York
See adv index at end of book
Howell's Mining Drill Co., Plymouth, Pa.
Marvin Electric Drill Co., Binghamton, N. Y.
Mine & Smelter Supply Co. ("Durkee"), 42 B'way, New York
Pneumelectric Machine Co., Syracuse, N.Y.

4058—*Drills (Rock, Electric Air)

See also Drills, Rock, Electric

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4059—Drills (Rock, Gasoline)

Armstrong Mfg. Co., Waterloo, Ia.
Fowden Gasoline & Electric Rock Drill 4th & Walnut, Phila., Pa.

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Scott Drill Co. ("Scott"), Bk. of Commerce bldg, St. Louis, Mo.

4060— Drills (Rock, Hand)

CHICAGO PNEUMATIC TOOL CO., 6 E. 44th, New York
See adv index at end of book
Cleveland Rock Drill Co., 3734 E 78th, Cleveland, O.
Denver Rock Drill Mfg. Co. ("Waugh" Hand Sinker), Denver, Colo.
Ingersoll-Rand Co. ("Jackhamer," "Bull Moose," "Invincible"), 11 Broadway, New York
See adv index at end of book
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

4061-2-3—Drills (Rock Steam)

See also Drills, Rock, Electric; also Pneumatic Rock Drills

Acme Road Machinery Co., Frankfort, N. Y.
Armstrong Mfg. Co., Waterloo, Ia.
CHICAGO PNEUMATIC TOOL CO., 6 E. 44th, New York
See adv index at end of book
Cleveland Rock Drill Co. ("Cleveland"), 3734 E 78th, Cleveland, O.
Denver Rock Drill Mfg. Co. ("Waugh," for Stopping, Sinking & Drifting), Denver, Colo.
Hardsocg Wonder Drill Co. (Reciprocating or Piston), Ottumwa, Ia.
INGERSOLL-RAND CO. ("Sergeant," "Leyner - Ingersoll," "Jackhamer," "Butterfly"), 11 B'way, New York
See adv index at end of book
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Le Grand Mine Drill Wks. (Coal & Rock Mine), Wilkes-Barre, Pa.
McKIERNAN-TERRY DRILL CO. ("McKiernan-Terry"), 17 Park row, New York *See adv index at end of book*
Mine & Smelter Supply Co. ("Holman"), 42 B'way, New York
Rogers John M. Works, Gloucester City, N. J.
Sullivan Machinery Co. (Steam or Air), Peoples Gas bldg, Chicago, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Wickes Machy. Co. ("Murphy's" Little Champion), Jersey City, N. J.
Wood Drill Works, 36H Dale av, Paterson, N. J.

Drills (Sensitive)

See Drilling Machines, Sensitive

4064— Drills (Shell)

Am. Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Fastfeed Drill & Tool Corp. (High Speed), Toledo, O.
Lincoln Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
Yonts C. H. & Co. (Combination), Meadville, Pa.

4065— Drills (Slate)

Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Nixon Mining Drill Co., Chattanooga, Tenn.
Ruggles Machine Co., Poultney, Vt.

4066— Drills (Star)

See also Drills, Brick & Stone

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co., 2nd & Somerset, Phila, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Delaware Tool Co., Wilmington, Del.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
STAR EXPANSION BOLT CO., ("Sebco") 145 Cedar, New York
See adv index at end of book
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Stortz Jno. & Son (Stone), 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
U. S. EXPANSION BOLT CO. (For Brick & Stone), 139-141 Franklin, New York
See adv index at end of book
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

4067— Drills (Stove)

Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

Drills (Suspension)

See Drilling Machines, Suspension

4068— Drills (Tamp Churn)

Armstrong Mfg. Co., Waterloo, Ia.
Hardsocg Mfg. Co. (Iron & Copper), Ottumwa, Ia.
Hardsocg Wonder Drill Co. (Copper), Ottumwa, Ia.
Sparta Iron Works Co., Sparta, Wis.
What Cheer Tool Co. (Iron & Copper for Coal Mining), What Cheer, Ia.

4069— Drills (Tap)

Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W. 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

4070—*Drills (Taper Shank)

Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W. 16th, Chicago, Ill.
See adv index at end of book

Drills (Track)

See Drills, Railway Track

Drills (Traverse)

See Drilling Machines, Traverse

Drills (Turret)

See Drilling Machines, Turret

4070a— *Drills (Twist)

FASTFEED DRILL & TOOL CORP., Toledo, O.

4070b—*Drills (Twist, High Speed)

FASTFEED DRILL & TOOL CORP, Toledo, O.

Drills Twist, High Speed and Carbon Steel

Note.—For manufacturers of various kinds of twist drills, see sub-classifications of this heading, following in their regular alphabetical order. See also Augers, Awls, Bits, Flat Drills and Reamers. For classification numbers, see Index to Trade Classifications.

4071— Bit Stock Twist Drills

American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4071a— Bonding Twist Drills

American Steel & Wire Co., 2085 S. La Salle, Chicago, Ill.
See adv index at end of book
American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Greenfield Tap & Die Corp.) (Lincoln Twist Drill Div.), Taunton, Mass.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4071b— Center Twist Drills

Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
DETROIT TWIST DRILL CO. ("Graham"), 555 Fort Detroit, Mich.
See adv index at end of book
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Morse Twist Drill & Mach Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Slocumb, J. T. Co., 35 Oxford, Providence, R. I.
Standard Tool Co., 6700 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

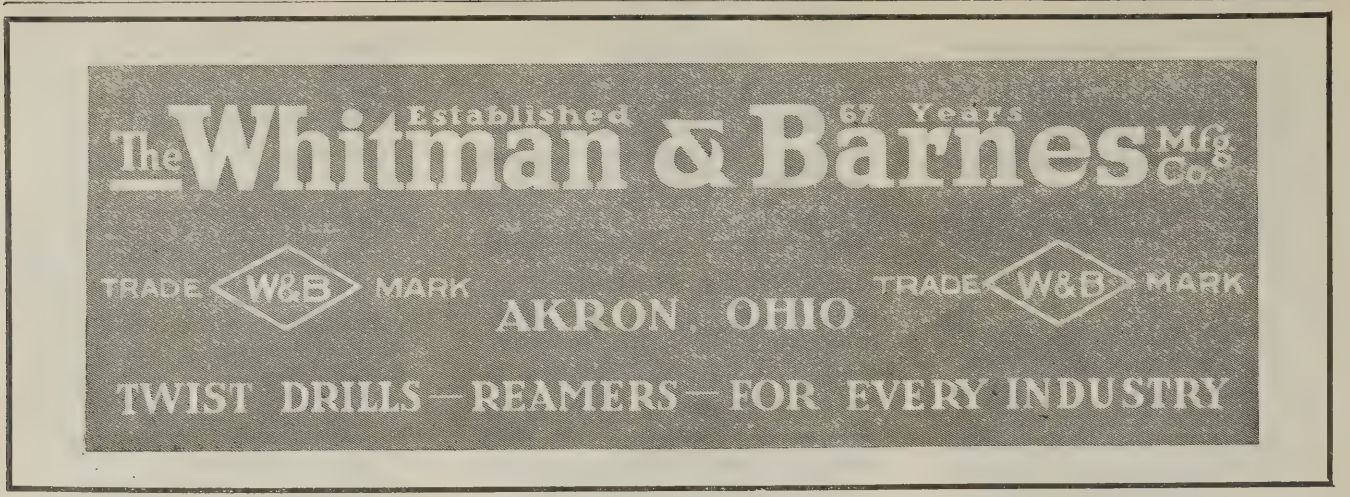
4071c— Coes 5/8" Shank Twist Drills

American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.

4072— Jobbers Twist Drills

Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.





JOBBERS (TWIST DRILLS)—continued

Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4072a— Letter Sizes Twist Drills

Allen W. D. Mfg. Co., 566 W. Lake, Chicago, Ill.
American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Blancke A. C. & Co., 116 S. Michigan av, Chicago, Ill.
Boker H. & Co. ("Novo Superior"), 101 Duane, New York
Brady F. A. ("Tabrady"), 30 Church, New York
Buckeye Twist Drill Co., Alliance, O.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Davidson Tool Mfg. Corp., 12 Maiden la, New York
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. ("Graham"), 555 Fort Detroit, Mich.
See adv index at end of book
Down Tool Works, Fleetwood, Pa.
Ebstein Bros. ("Gladium" Imp.), 127 Duane, New York
Etna Co., Taunton, Mass.
Fastfeed Drill & Tool Corp., Toledo, O.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Rich Tool Co., Ry Exchange bldg., Chicago, Ill.
Rockford Twist Drill Co., Rockford, Ill.
Rogers, H. A. Co., 87 Walker, New York
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tool Salvage Co., 407 Fort, E. Detroit, Mich.
Union Twist Drill Co., Athol, Mass.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av., New York
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

4072b— Oil Twist Drills

American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4072c— Prentice 1/2" Shank Twist Drills

American Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.), ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.

4072d— S & D 1/2" Shank Twist Drills

Greenfield Tap & Die Corp., Lincoln Twist Div. ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.

4073— Straight Shank Tape Length Twist Drills

Allen W. D. Mfg. Co., 566 W. Lake, Chicago, Ill.
American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Blancke A. C. & Co., 116 S. Michigan av, Chicago, Ill.
Boker H. & Co., Inc. ("Novo Superior"), 101 Duane, New York
Brady F. A. ("Tabrady"), 30 Church, New York
Buckeye Twist Drill Co., Alliance, O.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Davidson Tool Mfg. Corp., 12 Maiden la, New York
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. ("Graham"), 555 Fort, Detroit, Mich.
See adv index at end of book
Down Tool Works, Fleetwood, Pa.
Ebstein Bros. ("Gladium" Imp.), 127 Duane, New York
Etna Co., Taunton, Mass.
Fastfeed Drill & Tool Corp., Toledo, O.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Rich Tool Co., Ry Exchange bldg, Chicago, Ill.
Rockford Twist Drill Co., Rockford, Ill.
Rogers H. A. Co., 87 Walker, New York
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W. 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tool Salvage Co., 407 Fort, E. Detroit, Mich.
Union Twist Drill Co., Athol, Mass.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av. New York
Ward Tool & Forging Co., Latrobe, Pa.
WHITMAN & BARNES MFG. CO., Akron O. *See adv index at end of book*

4073a— 3 & 4 Groove Twist Drills

American Machine Products Co., 18th, Detroit, Mich.
American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill Co. ("Morse"), New Bedford, Mass.
Union Twist Drill Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4073b—Taper Shank Twist Drills

Allen W. D. Mfg. Co., 566 W. Lake, Chicago, Ill.
American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Blancke A. C. & Co., 116 S. Michigan av, Chicago, Ill.
Boker H. & Co., Inc. ("Novo Superior"), 101 Duane, New York
Brady F. A. ("Tabrady"), 30 Church, New York
Buckeye Twist Drill Co., Alliance, O.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Davidson Tool Mfg. Corp., 12 Maiden la, New York
Detroit Reamer & Tool Co., 302 Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. ("Graham"), 655 Fort, Detroit, Mich.
See adv index at end of book
Down Tool Works, Fleetwood, Pa.
Ebstein Bros. ("Gladium" Imp.), 127 Duane, New York
Etna Co., Taunton, Mass.
Fastfeed Drill & Tool Corp., Toledo, O.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.) ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Rich Tool Co., Ry Exchange bldg, Chicago, Ill.
Rockford Twist Drill Co., Rockford, Ill.
Rogers H. A. Co., 87 Walker, New York
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W. 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tool Salvage Co., 407 Fort, E. Detroit, Mich.
Union Twist Drill Co., Athol, Mass.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av. New York
Ward Tool & Forging Co., Latrobe, Pa.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

4073c— Track Twist Drills

American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, O.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.), ("Pioneer," "Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W. 9th, Cleveland, O.
Rich Tool Co., Ry Exchange bldg, Chicago, Ill.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

4073d— Wire Gauge Twist Drills

American Twist Drill & Tool Co., W. Jefferson av & 21st, Detroit, Mich.
Colton Arthur Co., 2500 E. Jefferson, Detroit, Mich.
Greenfield Tap & Die Corp. (Lincoln Twist Drill Div.), ("Lincoln"), Taunton, Mass.
Latrobe Tool Co. ("Latrobe"), Latrobe, Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Ward Tool & Forging Co., Latrobe, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

Drills (Universal)

See Drilling Machines, Universal Radial

Drills (Upright)

See Drilling Machines, Vertical

4074— Drills (Wagon)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4075—Drills & Bits (Electricians')

See also Drills, Hammer, Brick & Stone
American Plaster Drill Co., 122 Troop av, New York
Bagshaw & Field, 445 N 5th, Phila., Pa.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Daugherty-Smith-Phillips Co., 502 W Division, Chicago, Ill.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Deuse J. S. (Bits & Gimlets), Chester, Conn.
Diamond Expansion Bolt Co., 89 West, New York. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Forest City Bit & Tool Co., Rockford, Ill.
Ives W. A. Mfg. Co. ("Mephisto"), Wallingford, Conn.
Kraeuter & Co. (For Brick & Stone), 583 18th av, Newark, N. J.
Lebanon Mach. Co., Lebanon, N. H.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
Nat. Twist Drill & Tool Co., Brush nr E Grand blvd, Detroit, Mich.
Pugh Job T., 31st & Ludlow, Phila, Pa.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 H B'way, New York, & 130 H Colt, Irvington, N. J.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.
Star Bit & Tool Co. (Wood Working), Rockford, Ill.
Star Expansion Bolt Co., 145 Cedar, New York *See adv index at end of book*
Stortz John & Son, 210 Vine, Phila., Pa.
Swan James Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Union Twist Drill Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.

4076-7—Drills & Listers (Combined)

Gale Mfg. Co. (Riding & Walking), Albion, Mich.
Moline Plow Co. ("Puritan" Walking, "Tri Belle," & "Western Belle" Riding), Moline, Ill.
Racine-Sattley Co., Springfield, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.

Drinking Cups

See Cups, Drinking, Collapsible; also Cups, Paper

4078— Drips (Gauge Cock)

Knapp Mfg. & Supply Co., 241 Water, New York

4079-80— Drivers (Bolt)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.

4081—Drivers (Coopers' Hoop)

Drew C. & Co., Kingston, Mass.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Stossel Carl & Sons Co., Front Royal, Va.
White L. & I. J. Co. (Solid Steel, Also Hickory Wood), 120 Columbia, Buffalo, N. Y.

4082-3-4— Drivers (Staple)

McIntire & Co., Port Chester, N. Y.
SMITH & HEMENWAY CO., INC., 261 H B'way, New York, & 130 H Colt, Irvington, N. J.
See adv index at end of book

Drives (Chain)

See Chains, Power Transmission

4085—*Drives (Chain, for Dryers)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4086— *Drives (Gear)

Caldwell H. W. & Son Co. (Worm), Dept. H, 17th & Western av, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, (Silent Chain), 300 W. 39th, Chicago, Ill.

4087— Drives (Rope)

Caldwell W. E. Co., Louisville, Ky.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Rope transmission of power), Mishawaka, Ind.
Hill Clutch Co., W 65th, Cleveland, Ohio
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Meese & Gottfried Co. (and Short Belt Drives), 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strait H. N. Mfg. Co. (Vertical or Horizontal), Kansas City, Kan.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

4087a— Drives (Silent Chain)

See also Chains, Power Transmission
Morse Chain Co., Ithaca, N. Y.

4088—*Drives (Speedometer & Tascemeter)

Webb Mfg. Co., 245-247 N. J. R. R. av & Center, Newark, N. J.
See adv index at end of book

4088a— Drives (Special)

Vaughan Machinery Co. (Wire & Rubber Mill Equipment), Cuyahoga Falls, O.
See adv index at end of book

4089— Drop Black

Binney & Smith Co., 81 Fulton, New York
Doggett Stanley (Imp.), 11 Cliff, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Osborn C. J. Co. (Imported), 132 Nassau, New York
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
See adv index at end of book
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Eiting, 99 Nassau, New York
Smith J. Lee & Co. (Imported), 19 Jacob, New York
Uhlich Paul & Co., 11 Cliff, New York

4090— Droppers (Medicine)

Packer-Stearns & Co. (Glass, Rubber Bulb), 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., Riverton, Conn.
Tyer Rubber Co. (Glass, Rubber Bulb), Andover, Mass.

4091—Drops (Package & Letter)

Champion Hardware Co. ("Champion"), Geneva, O.
Eagle Lock Co., Terryville, Conn.
Highton Wm. & Sons Co., Nashua, N. H.

4092— Drops & Pins

Auer John, Jr. (Japanned on Plates with Staples, or with Screw Eyes, 197 Middleton, Brooklyn, N. Y.

4093— Dross (Metal)

Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Eagle Smelting & Refining Works, 238 B'way, New York
Hanshart Max, 262 Front, New York
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Indiana Steel & Wire Co., Muncie, Ind.
Loraine Smelting & Refining Co., 25 N. Dearborn, Chicago, Ill.
Nassau Smelting & Refining Works, 607 W. 29th, New York
Smith Morton B. Co., 241 Front, New York
Union Smelting & Refining Co., St. Charles, Newark, N. J.

Drug Store Fixtures

See Store & Bar Fixtures

4093a— Drugs

See also Specific Headings
Fergusson Alex C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hopkins J. L. & Co. (Crude), 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Reading Chemical Mfg. Co., Reading, Pa.

Drums (Barking)

See Wood Barking Machines

4094-5— Drums (Brake)

Am. Tube & Stamping Co. (Automobile), Dept. H, Bridgeport, Conn.
Bossert Corporation, The (Pressed Steel for Automobiles, Motor Trucks, Tractors, etc.), cor. Linden & West av, Utica, N. Y.
Buffalo Pressed Steel Co., 800 Kensington av, Buffalo, N. Y.
Chicago Steel Foundry Co., 3701 Kedzie av, Chicago, Ill.
Clark Edward S., Boston, Mass.
Crosby Co., 133 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co. (Pressed Steel), 1800 Mt. Elliott av, Detroit, Mich.
Federal Pressed Steel Co., Keefe av & N. Pierce, Milwaukee, Wis.
Gier Pressed Steel Co., Lansing, Mich.
Globe Machine & Stamping Co. (Pressed Steel), Cleveland, O.
Hydraulic Pressed Steel Co., 3152 E. 61st, Cleveland, O.
Kelsey Wheel Co., 1208 Military av, Detroit, Mich.
Matthews H. A. & Co., Seymour, Conn.
Muncie Gear Works ("Muncie"), Muncie, Ind.
Neustad Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Pettis W. W. Co., 416 First Nat'l Bank bldg, Cincinnati, Ohio
Roybestos Co., Bridgeport, Conn.
Sharon Steel Hoop Co. (For Automobile), Sharon, Pa.
WORCESTER PRESSED STEEL CO., ("Presteel"), Worcester, Mass.
See adv index at end of book
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

4096—*Drums (Glycerine & Oil)

INTERNATIONAL PACKAGE CO., INC., 11 Broad, New York
See adv index at end of book
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Drums (Hoisting)

See Engines, Hoisting also Engines, Hoisting, Contractors

4096a — *Drums Holding or Counterweight)

Hayward 50 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

4097— Drums (Incline)

(Incline Drums & Machinery)
Dobble Foundry & Machine Co. (Gravity), Niagara Falls, N. Y.
See adv index at end of book
Helmick Foundry & Machine Co., Fairmount, W. Va.
Niles Mine & Mill Supply Co., Citizens bldg, Cleveland, O., & Niles, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works (Sheave & Spool), Knoxville, Tenn.
Savage W. J. Co. (Gravity), Knoxville, Tenn.
South Side Foundry & Machine Works, Charleston, W. Va.
Stine J. C. Co., Tyrone, Pa.

4098— Drums (Iron)

Du Point E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Toledo Steel Barrel Co., Toledo, Ohio
United Lead Co. (Lead Lined Acid Proof), 111 B'way, New York

4098a— *Drums (Magnetic)

Ding Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
See adv index at end of book

4099— Drums (Malting)

Galland-Henning Mfg. Co. (Pneumatic), Milwaukee, Wis.

4100—Drums (Pneumatic Sanding)

Redin, Ekstrom & Co., Rockford, Ill.

4100a— Drums (Recording)

Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.

4101—Drums (Rope Driving)

Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

4102— Drums (Sand)

Cummer F. D. & Son Co. (For Asphalt Plants), Superior Arcade, Cleveland, Ohio *See adv index at end of book*
Roberts & Schaefer Co. ("Tyrone" Automatic), 332 S. Mich. av, Chicago, Ill.

4103—Drums (Steam or Mud)

East Jersey Pipe Corp., Paterson, N. J.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
See adv index at end of book
Murray Iron Works Co., Burlington, Ia.
Petroleum Iron Works Co., Sharon, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

4104— Drums (Steel)

American Steel Package Co. (Shipping), Defiance, Ohio
Bertels W. B. & Son Co., Inc. (Lock Cover Shipping Drums), Wilkes-Barre, Pa.
Boyle Mfg. Co. ("Boyco"), 5100 Santa Fe av, Los Angeles, Cal.
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York
See adv index at end of book
Pressed Steel Products Co., Sharon, Pa.
Scaife, Wm. B. Sons & Co., 1st Nat'l Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York *See adv index at end of book*
Stevens Metal Products Co., 115 to 175 Gall, Niles, O.

Drums (Steel Shipping)

See Barrels, Steel Shipping

Drums (Vacuum Drying)

See Dryers, Vacuum

4105— Drums (Wax Chilling)

Bethlehem Shipbuilding Corp., Ltd. (Scale), Dept H Broadhead & Parker av, Bethlehem, Pa.
Moore Sam'l L. & Sons, Elizabeth, N. J.

Drums (Welded)

See Cylinders, Welded

4106— Drums (Winding)

See also Pneumatic Winding Drums
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept H 14th & State, Chicago Heights, Ill.
American Road Machinery Co., Kennett Square, Pa.
Bonnot Co., Canton, O.
Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Potts C. & A. Co., Indianapolis, Ind.
Steele J. C. & Sons, Statesville, N. C.

4106a— Drumsticks

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Dry Colors

See Color Manufacturers

4107—Dry Docks (Steel, Floating)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book

4108—Dry Docks & Marine Railways

See also Shipbuilders

ALABAMA.

MOBILE—Alabama Dry Dock & Shipbuilding Co.
Henderson Shipbuilding Co.
Murnan Ship Bldg. Corp.

CALIFORNIA.

OAKLAND—Hanlon Dry Dock & Shipbuilding Co.
Moore Ship Building Co.
SAN FRANCISCO—Hall Bros. Marine Railway & Shipbuilding Co. (Marine Railway), 312 California
Moore Ship Building Co., 678 2d
Pacific Shipyards & Ways Co., 24 California
South San Francisco Dock Co.
United Engineering Works, Clunie bldg

CONNECTICUT.

GILDERSLEEVE — Gildersleeve Ship Building Co.
NEW LONDON—Davidson W. H.
New London Marine & Iron Works
NOANK—Palmer Robt. & Son Ship Bldg. & Marine Ry. Co.

DELAWARE.

WILMINGTON—Amer. Car & Foundry Co.
See adv index at end of book
Harlan & Hollingsworth Corporation, ft West
Pusey & Jones Co. (Marine Railway),

FLORIDA.

JACKSONVILLE — Merrill Stevens Dry Dock & Repair Co.
TAMPA—Tampa Steam Ways Co.

GEORGIA.

SAVANNAH—Kehoe Iron Works
National Shipbuilding & Dry Dock Co.
Rourke John & Sons

ILLINOIS.

CHICAGO—Chicago Ship Building Co. (Dry Docks), 101st & Calumet River

INDIANA.

JEFFERSONVILLE—Howard Ship Yards Co.

LOUISIANA.

SLIDELL—Slidell Dry Dock & Ship Building Co.

MAINE.

PORTLAND—Portland Shipbuilding Co.
ROCKLAND—Snow I. L. & Co.

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Building Co., Locust Point, ft East Fort av
Booz Bros., 815 Key Highway
Cahill W. S. Co., Key Highway & Webster
Chesapeake Marine Railway Co., Philpot cor. Point
Marine Engine & Boiler Co., Philpot & Point
Reeder Oliver & Son, Key Highway & Covington
Spedden Ship Building Co., Boston & Kenwood
Woodall Wm. E. & Co., ft of Woodall

MASSACHUSETTS.

BOSTON—Atlantic Works, 80 Border, E B
Crandall Engineering Co., 102 Border, E B
Ellis W H & Son Co., 479 Meridian
Lawler Bros., 16 City sq, Chtn
Lockwood Mfg. Co., (Marine Railway), 44 N Market
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Poekel T. Sch. & Co., Neponset
Rendle W. S., 135 Prescott, E B
Simpson's Dry Dock Co., E B
GLOUCESTER—Burnham Bros. (Railway)
Rocky Neck Marine Railway Co.
MARBLEHEAD—*Frazier J. H. (Railway)

MICHIGAN.

BAY CITY—Davidson Jas. (Dry Docks Only)
CHARLEVOIX—Washburn O. S. & Son
DETROIT—American Boat Co. (Marine Railways)
Detroit Shipbuilding Co. (Dry Docks) ft. Orleans
Dupuis A. J. Co., Ford bldg
Griffin M. J., 169 Stanton av
HOUGHTON—Croze Jos.

NEW JERSEY.

BAYONNE—Higgins William
Lankford Robt.
HOBOKEN—Tietjen & Lang Dry Dock Co.
JERSEY CITY—Brown Dry Dock Co., ft Morris
Burt & Mitchell Co., ft Morris
Barge & Lighter Repair Co., Inc., ft. of Henderson
Vulcan Iron Works, Inc., Hudson & Essex
KEYPORT—Keyport Dry Dock Co.
PERTH AMBOY—Perth Amboy Dry Dock Co.
Raritan Dry Dock Co.
WEEHAWKEN—Union Dry Dock & Repair Co.
Weehawken Dry Dock Co.

NEW YORK.

BUFFALO—Buffalo Dry Dock Co.
Riley's Dry Dock Co., ft Mechanic
GREENPORT—Greenport Basin & Const. Co.
KINGSTON—Hiltebrant Conrad Dry Dock Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Atlantic Dock Co., 1 N Pier, Atlantic Bsn
Clinton Dry Dock Inc., Ft. Clinton
Crane's Theo. A. Sons Co., ft Columbia
Downing & Lawrence, ft Court
Erie Basin Dry Dock, ft of Beard & Long Dock
Gokey Wm. J. & Co., Erie Basin
Morse Dock & Repair Co. (Wood Floating only), Ft. of 56th
New York Dry Dock & Repair Co., Erie Basin
Robins Dry Dock & Repair Co., Beard
Telo Yacht Basin Co., Ft 23rd

Boroughs of Manhattan and Bronx.

NEW YORK—AMERICAN CAR & FOUNDRY CO., 165 Broadway
See adv index at end of book
Hunters Point Dry Docks, 1 B'way
McAllister Dry Dock & Shipyard Co., 24 State
McWilliams Frank, 1 B'way
Newport News Shipbuilding & Dry Dock Co., 233 B'way
Robins Dry Dock & Repair Co., 15 Whitehall
Shewan Jas. & Son, 1 B'way
Tregarthen Jas & Sons Co., ft 7th, E R

Borough of Richmond.

WEST NEW BRIGHTON—McAllister Dry Dock & Shipyard Co., Rich. ter
National Dry Dock & Repair Co.

(End of New York City)

OGDENSBURG—St. Lawrence Marine Ry Co.
RYE—Milton Boat Works (Marine Rys)

NORTH CAROLINA.

WILMINGTON—Skinner Louis H.

OHIO.

CLEVELAND — American Ship Building Co., ft. of W 54th
ROCKY RIVER—Rocky River Dry Dock Co.
SANDUSKY—Lake Erie Dry Dock & Mill Co.
TOLEDO—Gilmore Bros.
Gilmore Bros.
Toledo Shipbuilding Co.

OREGON

ASTORIA—Astoria Marine Iron Works

PENNSYLVANIA.

PHILADELPHIA—Cramp Wm. & Sons Ship & Engine Building Co., Beach & Bull

RHODE ISLAND.

EAST GREENWICH—Nock F. S.
PROVIDENCE—Providence Dry Dock & Marine Railway Co., E Providence

SOUTH CAROLINA.

CHARLESTON—Dry Dock & Machine Co., Floating Dry Dock
Riverside Iron Works

TEXAS.

BEAUMONT—Beaumont Ship Building & Dry Docks Co.
GALVESTON—Galveston Wharf. Co.
International Creosoting & Construction Co.

VIRGINIA.

NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Dry Docks Only)
NORFOLK—Colonna Marine Railway Corp.
Core W. T.
Taylor Geo. T. Marine Railway Corp.
PORTSMOUTH—Portsmouth Marine Ry

WASHINGTON.

EVERETT—Everett Marine Ways, Inc.
SEATTLE—Elliott Bay Dry Dock Co.
Todd Dry Dock, Inc.
Winslow Marine Railway & Ship Building Co.
TACOMA—Todd Dry Dock & Constr. Co.
WINSLOW—D. W. Hortzell, Inc.
Winslow Marine Railway & Ship Building Co.

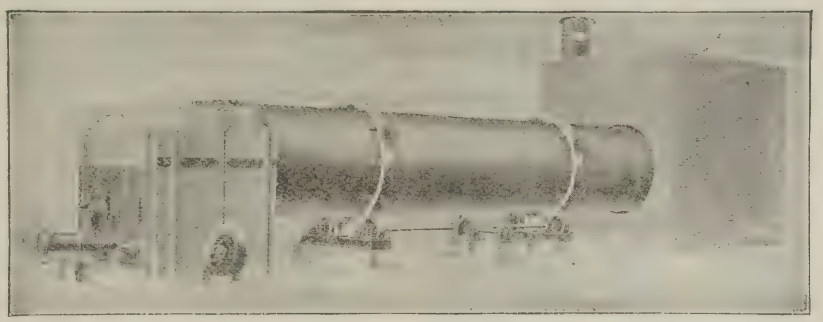
WISCONSIN.

MANITOWOC — Manitowoc Shipbuilding Co. (Gravity & Floating Dry Docks)
MILWAUKEE—Milwaukee Dry Dock Co., ft. of Washington
SUPERIOR—Superior Ship Building Co.

Automatic Improved Direct or Steam Heated

DRYERS

Digesters, Cookers, Presses, etc.



for all Drying, Calcining, and Roasting Processes used in the treatment of

BY-PRODUCTS, COAL, CLAYS, CONCENTRATES, ETC.

We Will Build Special Dryers to Meet Your Special Needs

WRITE FOR CATALOG H

American Process Co.

68 William Street, New York

4108a—*Dryer & Calcining Apparatus

American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book

4109— Dryers (Argol)

Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.

4109a—Dryers (Asbestos Board)

Fergusson, Alex. O. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Proctor & Schwartz, Inc. ("Proctor"), 7th & Tabor rd, Phila, Pa.
See adv index at end of book

Dryers (Asbestos Rock)

See Dryers, Cement & Asphalt

4109a1— *Dryers (Asphalt)

See also Dryers, Cement & Asphalt

American Process Co., 68 William st, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio

4109b—*Dryers (Atmospheric Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4109c—*Dryers (Atmospheric Rotary)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4110— Dryers (Beet Pulp)

American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Buckeye Dryer Co., 243 North High, Columbus, Ohio
Jackson & Church Co., Saginaw, Mich.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.

4110a—*Dryers (Bone Black)

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*

4111— Dryers (Brick & Clay)

See also Kilns, Dry

American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co. (Clay), 68 William, New York *See adv index at end of book*
Atlas Engineering Co., Amherst, O.
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Boss John C. Co. ("Boss"), Elkhart, Ind.
Ceramic Equipment Co. ("Proctor," Mechanical for Clay Working Industry), Trenton, N. J.
Chambers Bros. Co. (Brick), 52nd, bet Lancaster av, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
International Clay Machinery Co., Dayton, Ohio
McDermott Bros. Co., Allentown, Pa.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Phila., Drying Machinery Co. (Porcelain), 3251 Stokley, Philadelphia, Pa.
PROCTOR & SCHWARTZ, INC. ("Proctor") 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Reilly, Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.
Ruggles-Coles Engineering Co., 50 Church, New York
Standard Dry Kiln Co., Indianapolis, Ind.

4111a—*Dryers (Cartridge)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

4112—Dryers (Cement & Asphalt)

Allis-Chalmers Mfg. Co. (Cement & Ore), Milwaukee, Wis.
American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William st, New York *See adv index at end of book*
Atlas Engineering Co. (Asphalt), Amherst, O.
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co. (Asphalt), Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Sterritt-Thomas Foundry Co., 32d & Smallman. Pittsburgh, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Vulcan Iron Works, Wilkes-Barre. Pa.

4113—Dryers (Centrifugal, Metal Parts)

American Tool & Machine Co. ("Weston" for Drying Small Pieces that have been Coated, Japanned, Painted, Dipped, Plated or Washed), 10 High, Boston, Mass.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Curtis Albert B., Worcester, Mass.
Elmore G. H. (Continuous), Market & 13th, Phila. Pa.
LINK-BELT COMPANY ("Wendell," Centrifugal Coal Dryers), 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Smith Richardson Co. ("Richardson" for Small Metal Parts), Attleboro, Mass.
Tolhurst Machine Works, Troy, N. Y.

4113a— Dryers (Chemical)

AMERICAN PROCESS CO., 68 William st, New York *See adv index at end of book*
Buckeye Dryer Co., 243 N. High, Columbus, Ohio
Drying Systems, Inc., 11 S. Desplaines, Chicago, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Phila. Drying Machinery Co., 3351 Stokley, Philadelphia, Pa.
PROCTOR & SCHWARTZ, INC. ("Proctor"), 7th & Tabor Road, Philadelphia, Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4114— Dryers (Chicory)

American Process Co., 68 William st, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Manitowoc Engineering Works, Manitowoc, Wis.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4114a— Dryers (China)

Ceramic Equipment Co. ("Proctor," also Porcelain), Trenton, N. J.
Proctor & Schwartz, Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa.
See adv index at end of book

4115—Dryers (Coal, Sand, Etc.)

AMERICAN PROCESS CO., 68 William, New York *See adv index at end of book*
See adv index at end of book
BARTLETT C. O. & SNOW CO., Fall st, Cleveland, O.
Buckeye Dryer Co. (coal only), 243 N. High, Columbus Ohio
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
French Oil Mill Machinery Co., Piqua, O.
Fuller Engineering Co. ("Matchama"), Allentown, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
LINK-BELT CO. ("Wendell," Centrifugal, Coal), 329 W 39th, Chicago, Ill., Hunting Park av & P. & R Ry, Phila, Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mashek Engineering Co., 90 West, New York
Reeves Bros. Co., Alliance, O.
See adv index at end of book
Reilly, Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.
Ruggles-Coles Engineering Co., 50 Church, New York
Stearns-Roger Mfg. Co., Denver, Colo.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

4116— Dryers (Coffee)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
Blymyer Iron Works Co., Cincinnati, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Devine J. P. Co., Buffalo, N. Y.
Gordon Engng. Corp., 39 Cortlandt, New York
Scott Ernest & Co. (("Scott"), Fall River, Mass.
Squier, Geo. L., Mfg. Co., Buffalo, N. Y.

4116a— Dryers (Concentrating)

American Process Co., 68 William st, New York *See adv index at end of book*
Buckeye Dryer Co., 243 N. High Columbus, Ohio
Buffalo Foundry & Machinery Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book

DRYERS (CONCENTRATING)—cont.
Fleischer W. L. & Co., Inc., 31 Union sq, W, New York
Ruggles-Coles Engng. Co., 50 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4117— Dryers (Cylinder)

American Process Co., 68 William st, New York *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av. & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Mashek Engineering Co., 90 West, New York
Scott Ernest & Co. (("Scott"), Fall River, Mass.

4117a— *Dryers (Drum)

American Process Co., 68 William st, New York *See adv index at end of book*
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine, J. P. Co., Dept H, Buffalo, N. Y.

4118— Dryers (Feed)

See also Dryers Meal

American Process Co., 68 William, New York *See adv index at end of book*
Buckeye Dryer Co., 243 N. High, Columbus, Ohio
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.

4119—Dryers (Fertilizer, Glue, Etc.)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
AMERICAN PROCESS CO., 68 William, New York *See adv index at end of book*
ANDERSON V. D. CO. ("Anderson" 1 & 3 Cylinder), W 96th, Cleveland, O.
See adv index at end of book
Atlas Dryer Co, Citizens bldg, Cleveland, Ohio
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Black-Clawson Co., Hamilton, O.
Brecht Co. ("Brecht"), 1201 Cass av, St. Louis, Mo.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cambridge Iron Works ("Campbell"), Cambridge, Mass.
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Devine J. P. Co., Buffalo, N. Y.
Hamler Boiler & Tank Co., Dept H W. 66th & S. 60th av, Chicago, Ill.
Hammond Engineering Co., Warren, Pa.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Proctor & Schwartz Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Reilly, Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.
Renneburg E. & Sons Co., 2639 Boston & Baltimore, Md.
Ruggles-Coles Engineering Co., 48 Church, New York
Schofield's J. S. Sons Co., Macon, Ga.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.

Dryers (Fish Scrap)

See Dryers, Fertilizer

4120—Dryers for Concentrates

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4120a—Dryers (Fruit & Vegetable)

Proctor & Schwartz Inc. (Fruit), 7th & Tabor rd, Phila., Pa.
See adv index at end of book

4121— Dryers (Garbage)

American Process Co., 68 William, New York *See adv index at end of book*
ANDERSON V. D. CO. ("Anderson," Also Tankage), W 96th, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Buckeye Dryer Co., 243 N. High Columbus, Ohio
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Renneburg E. & Sons Co., 2639 Boston & Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4122—Dryers (Grain & Malt)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1412 Russell, Detroit, Mich.
American Process Co., 68 William, New York *See adv index at end of book*
Atlas Engineering Co. (Grain Dryers), Amherst, O.
Barnard & Leas Mfg. Co., Moline, Ill.
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Devine J. P. Co. (Grain), Buffalo, N. Y.
Ellis Drier & Elevator Co. 140 W Van Buren, Chicago, Ill.
French Oil Mill Machinery Co. (Grain Only), Piqua, O.
Galland-Henning Mfg. Co., Milwaukee, Wis.
Gerken J. D. Co. ("Toledo" Grain), Toledo, Ohio
Hess Warming & Ventilating Co. (Pneumatic System), 1211 S Western av, Chicago, Ill.
Howes S. Co. (Grain, Corn & Wheat), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.
Louisville Drying Machine Co. (Distillers & Brewers Dryers), Louisville, Ky.
Manitowoc Engineering Works, Manitowoc, Wis.
Rach, Dr. Carl, 203 B'way, New York
Reilly Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.
Remmers B. & Sons (Also for Starch, Vegetables, Chemicals, etc), 1227 Germantown, Phila., Pa.
Renneburg E. & Sons Co., 2639 Boston & Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Worrell S. E., Hannibal, Mo.

Dryers (Hair, Process)

See Hair Dryers, Electric

4123— Dryers (Hat)

Proctor & Schwartz Inc. (Felt & Straw), 7th & Tabor rd, Phila., Pa.
See adv index at end of book

4124—Dryers (Hoof or Bone)

American Process Co., 68 William, New York
See adv index at end of book
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4125—Dryers (Jacketed Cylindrical)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
BARTLETT, C. O. & SNOW Co., French, Cleveland, Ohio
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Renneburg E. & Sons Co., 2639 Boston & Baltimore, Md.

4126— Dryers (Kaolin)

American Process Co., 68 William st, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Manitowoc Engineering Works, Manitowoc, Wis.

4127—*Dryers (Laboratory)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Proctor & Schwartz Inc., 7th & Tabor rd, Phila, Pa.
See adv index at end of book

4127a— Dryers (Laundry)

Lotze's A. Sons Co., 8th & B'way, Cincinnati, O.

4128— Dryers (Leaf Tobacco)

Adt Jno. B. Co. (For Manufactured Tobacco), 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
Comas Machine Co. ("Perfection"), Salem, Va.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Phila. Drying Machinery Co., 3351H Stokley, Philadelphia, Pa.
PROCTOR & SCHWARTZ, INC. ("Proctor"), 7th & Tabor Road, Philadelphia, Pa.

4129—Dryers (Leather Scrap)

AMERICAN PROCESS CO., 68 William, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Bayley Mfg. Co., Milwaukee, Wis.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Proctor & Schwartz, Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Ruggles-Coles Engineering Co., 50 Church, New York

4129a— Dryers (Lime)

American Process Co., 68 William st, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

4129b— *Dryers (Lumber)

Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
See adv index at end of book
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

Dryers (Malt)

See Dryers, Grain & Malt

4130— Dryers (Meal)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO. (Meal & Feed), French, Cleveland, Ohio
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
Ellis Drier Co., 140 W Van Buren, Chicago, Ill.
French Oil Mill Machinery Co., Piqua, O.
Great Western Mfg. Co., Leavenworth, Kans.
Manitowoc Engineering Works, Manitowoc, Wis.
Reilly, Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.

Remmers B. & Son, 1227 Germantown, Phila., Pa.
Worrell S. E., Hannibal, Mo.

4131—*Dryers (Milk, Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.

4132— Dryers (Mold)

American Blower Co., 1400 Russell, Detroit, Mich.
MacLeod Co. (Founders), 2227 Bogen, Cincinnati, Ohio.
See adv index at end of book

4132a— Dryers (Nitrate of Soda)

American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio

4133— Dryers (Ore)

AMERICAN PROCESS CO., 68 William, New York *See adv index at end of book*
BARTLETT, C. O. & Snow Co., French, Cleveland, Ohio
See adv index at end of book
Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.
Buckeye Dryer Co., 243 N. High Columbus, Ohio
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Denver Engineering Works Co., Denver, Colo.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mine & Smelter Supply Co., 42 B'way, New York
Ruggles-Coles Engineering Co., 50 Church, New York
Sutton, Steel & Steel ("S S & S" for Dry Concentration), Dallas, Texas
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Worthington Pump & Machy. Corp. (Revolving, etc), 115 B'way, New York
See adv index at end of book

4133a—Dryers (Organic & Inorganic Material)

American Process Co., 68 William st, New York *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York
See adv index at end of book

4133b— *Dryers (Paper)

Proctor & Schwartz Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Sturtevant B. F. Co. ("Sturtevant," for Paper Absorption on Machines, also Paper Coated), 15 Damon, Hyde Park, Boston, Mass.

4134—Dryers (Paper Mill, Etc.)

See also Paper & Pulp Mill Machinery
Black-Clawson Co. (Dbl. & 3 Deck, Rim, etc), Hamilton, Ohio
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Locke Regulator Co. ("Locke" Steam Digester Regulators), Salem, Mass.
Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
See adv index at end of book
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

Dryers (Pebble)

See Sand & Gravel Heaters & Dryers

4134a—Dryers (Reclaimed Plaster)

BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio

Dryers (Revolving)

See Dryers, Rotary & Revolving

4135—Dryers (Rock, Phosphate)

AMERICAN PROCESS CO., 68 William, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Pittsburg Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
See adv index at end of book
Ruggles-Coles Engineering Co., 50 Church, New York
SCHOFIELD'S, J. S. SON CO., Macon, Ga.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Whiting Corp., Dept H Harvey, Ill.

4136—Dryers (Rotary & Revolving)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Process Co. (Direct Head Blast), 68 William, New York
See adv index at end of book
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO. (Rotary), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
Devine J. P. Co., Buffalo, N. Y.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Hersey Mfg. Co., 314 W 2nd, South Boston, Mass.
Jackson & Church Co., Saginaw, Mich.
KENNEDY VAN SAUN MFG. & ENG. Direct & Indirect-Direct Heat), 120 B'way, New York
See adv index at end of book
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila, Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engng. Works, Manitowoc, Wis.
Massachusetts Blower Co., Watertown, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Rennesburg E. & Sons Co., 2639 Boston & Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York
SCHAFFER ENGINEERING & EQUIPMENT CO. (Rotary), 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Stokes, F. J. Machine Co., Dept H, 17th & Cambria, Philadelphia, Pa.
TRAYLOR ENGNG. & MFG. CO., Allentown, Pa.
See adv index at end of book
United Iron Wks., Inc., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & 40th, Cleveland, Ohio
Worrell S. E. ("Worrell's"), Hannibal, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

4137— Dryers (Rubber)

AMERICAN PROCESS CO., 68 William st, New York *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio

4138— Dryers (Salt)

American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William st, New York *See adv index at end of book*
Atlas Engineering Co., Amherst, O.
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Buckeye Dryer Co., 243 N. High Columbus, Ohio
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

Dryers (Sand)

See Sand & Gravel Heaters and Dryers: also Stoves, Sand Drying

4139— Dryers (Seed Corn)

Bain Bros. Mfg. Co. ("Peerless"), Cedar Rapids, Ia.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clarke J. Q. Tank Co. ("Wizzard"), Crawfordsville, Ind.
National Mfg. Co. ("Ideal"), Des Moines, Ia.

4139a— Dryers (Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4139b—Dryers (Shirt & Stocking)

BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Dryers (Slack Lime)

See Dryers, Cement & Asphalt

4140— Dryers (Soap)

American Blower Co., 1400 Russell, Detroit, Mich.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
PROCTOR & SCHWARTZ, INC. ("Protor"), 7th & Tabor Road, Philadelphia, Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

4140a—Dryers (Sodium-Benzol-Sulphonate)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4141— Dryers (Starch)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William st, New York *See adv index at end of book*
Bayley Mfg. Co., Milwaukee, Wis.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Devine J. P. Co., Buffalo, N. Y.

4142— Dryers (Steam)

American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Buckeye Dryer Co., 243 N. High, Columbus, Ohio
Buhl G. A. Co. ("Buhl" for Fluid Substances), 116 S Green, Chicago, Ill.
Reilly, Martin B. Co., Inc. (Pumice), 9 S. Clinton, Chicago, Ill.

4142a— Dryers (Steam Coil)

Proctor & Schwartz, Inc., 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4142b— *Dryers (Stocking)

Paramount Hosiery Form Drying Co., 337 W Madison, Chicago, Ill.
PROCTOR & SCHWARTZ INC., 7th & Tabor rd, Phila., Pa.

4142c— *Dryers (Stone)

American Process Co., 68 William st, New York *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

4142d— Dryers (Tankage)

AMERICAN PROCESS CO., 68 William st, New York *See adv index at end of book*
Buckeye Dryer Co., 243 N. High, Columbus, Ohio
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
See adv index at end of book
Scott Ernest & Co., ("Scott"), Fall River, Mass.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.

4143—Dryers (Tanners' Extract Chip)

American Process Co., 68 William st, New York *See adv index at end of book*
BARTLETT, C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio

4144— *Dryers (Textile)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

DRYERS (TEXTILE)—continued

Phila. Drying Machinery Co., 3351 Stokley, Philadelphia, Pa.

PROCTOR & SCHWARTZ, INC., 7th & Tabor rd, Phila, Pa.

Dryers (Tobacco)

See Dryers, Leaf Tobacco

4145— Dryers (Vacuum)

See also Vacuum Drying & Impregnating Apparatus

Allen Engineering & Mfg. Co., Savannah, Ga.

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*

Braum-Knecht-Heiman Co. (Stokes), 576-584 Mission, San Francisco, Cal.

BUFFALO FOUNDRY & MACHINE CO. (Vacuum Drum Dryers, Vacuum Rotary Dryers, Vacuum Shelf Dryers & Drying Sewage, Sludge, Garbage & 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Devine J. P. Co. ("Emil Passburg" System, Drying & Impregnating Apparatus), Buffalo, N. Y.

Hamler Boiler & Tank Co., Dept H W. 66th & S. 60th av, Chicago, Ill.

Hammond Engineering Co. (Rotary for Drying Sewage, Sludge, Garbage & Tankage from Slaughter Houses), Warren, Pa.

Hubbard's Norman Sons (Drying & Impregnating Apparatus), 265 Water, Brooklyn, N. Y.

KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.

Stokes F. J. Machine Co. (For Pharmaceutical Purposes), 17th & Cambria, Phila., Pa.

4145a—*Dryers (Vacuum Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
See adv index at end of book

4145b—*Dryers (Vacuum Rotary)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4145c—*Dryers (Vacuum Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4146— Dryers (Varnish)

American Blower Co., 1400 Russell, Detroit, Mich.

Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Philadelphia, Pa.

Drying Systems, Inc., 11 S. Desplaines, Chicago, Ill.

Patton Paint Co., Milwaukee, Wis.

Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4147— Dryers (Veneer)

American Blower Co., 1400 Russell, Detroit, Mich.

PROCTOR & SCHWARTZ INC. ("Proctor" Apron Conveyor), 7th & Tabor rd, Phila., Pa. *See adv index at end of book*

4148— Dryers (Vertical)

French Oil Mill Machinery Co., Piqua, O.

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book

4149—Dryers (Waste Heating)

American Blower Co., 1400 Russell, Detroit, Mich.

American Process Co., 68 William st, New York *See adv index at end of book*

Clarage Fan Co., North & Porter, Kalamazoo, Mich.

Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

4150— Dryers (Wood Chip)

American Blower Co., 1400 Russell, Detroit, Mich.

American Process Co., 68 William st, New York *See adv index at end of book*

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio

Manitowoc Engineering Works, Manitowoc, Wis.

Reilly, Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.

4150a—*Ducks (Hose & Belting)

COUCH COTTON MILLS, INC., Atlanta, Ga.

Drying Rooms

Hot Air & Gas

See Clothes Dryers, Steam, Hot Water.

4151— Duck (Oiled)

Hettrick Mfg. Co., Toledo, O.

Landers Bros. Co., Toledo, O.

Louis, Mo.

Textile Products Mfg. Co., Park av & Dolman St. Louis, Mo.

4152-3-4—Dumb Bells & Quoits

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*

Estes E. B. & Sons (Dumb Bells), 364 5th av, New York
See adv index at end of book

Girard Iron Works, 22d & Master, Phila., Pa.

Grey Iron Casting Co. (Quoits Only), Mt. Joy, Pa.

Hellenberg J. B. Co. (Wood Dumb Bells Only), Coldwater, Mich.

Howell W. H. Co. (Dumb Bells Only), Geneva, Ill.

Indiana Foundry Co., Indiana, Pa.

Klumpp's Jno. G. Sons, 13 Baxter, New York

Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.

Lodge Mfg. Co., South Pittsburg, Tenn.

Saginaw Wood Products Co. (Dumb Bells), Gaylord, Mich.

Sommer Jno. Faucet Co. (Wooden Dumb Bells), 30 Morris, Newark, N. J.

Spalding A. G. & Bros., 126 Nassau, New York

Sperry D. R. & Co., Batavia, Ill.

Swett A. L. Iron Works, Medina, N. Y.

Weller Hdw. & Foundry Co., Horseheads, N. Y.

Williams A. C. Co., Ravenna, O.

Withers Foundry & Machine Works, Atlanta, Ga.

Wrightsville Hardware Co., Wrightsville, Pa.

4155— Dumb Waiters

COLORADO.

DENVER—Nock & Garside Elevator Co., (Electric)

CONNECTICUT.

NEW HAVEN—MacKenzie Geo. M.

ILLINOIS.

MOLINE—Montgomery Elevator Co.

INDIANA.

EVANSVILLE—International Steel & Iron Co.

Mesker Geo. L. & Co.

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co., P O Box 154

KENTUCKY.

LOUISVILLE—Abell Elevator Co., 114 No. 8th

MARYLAND.

BALTIMORE—Bates Elevator Co., 211 Preston

Warsaw Elevator Co. (Steel), 111 Mercer

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co., 128 Pearl

Brewer Elevator Co., 27 Bowker

Kimball C. E. & Son, 178 High

Morrison Angus Co., 183 High, Boston, Mass.

MINNESOTA.

MINNEAPOLIS—Lagerquist, Gust, 516 N 3rd

ST. PAUL—Lee & Hoff Mfg. Co., 65 E Water

MISSOURI.

KANSAS CITY—Kansas City Elevator Mfg. Co., 2601 Madison

ST. LOUIS—Geraghty Bros. Elevator Co., 416 S 6th

Miller Wm. A., Machine & Elevator Co., 1000 N Main

NEW JERSEY.

NEWARK—Ortner Jos. J., 481 Washington

Storm Mfg. Co. ("New York Safety," "Paragon," "Manhattan," "Newark"), 50 Vesey

NEW YORK.

BUFFALO—Warsaw Elevator Co. (Steel), Dunn bldg

COHOES—Cohoes Iron Foundry & Machine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bergquist B., 534 Union

Rodgers R. M. Mfg. Co., 74 Emerson pl

Seaberg Gustav, 407 Douglas

Boroughs of Manhattan and Bronx.

NEW YORK—Burdett-Rowntree Mfg. Co. (Automatic), 119 W 40th

Burwak Elevator Co., 216 Fulton

Chelsea Elevator Co., 213 W 26th

Dowdall Chas. E., 152 W B'way

Holland Thos. & Sons, 211 E 84th

Larsen Anton & Son, Brook av, & 134th

Murtaugh Elevator Co. (Standard), 535 W 33rd

Nelson Alex. & Co., 103 W 96th

Roberts Jas. H. Elevator Co., 430 W B'way

Sedgwick Machine Works, 150 W 15th

See A. B. Electric Elevator Co., (Electric Only), 220 B'way



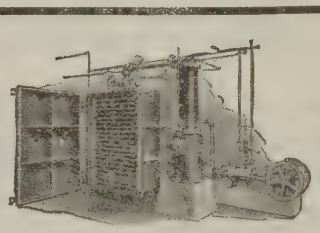
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Evaporators, Condensers, Dry Vacuum Pumps, Solvent Reclaiming Apparatus, Impregnating Apparatus.

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ROCHESTER—Ricker Mfg. Co.
SYRACUSE—Houser Elevator Co.
WARSAW—Warsaw Elevator Co. (Steel)

OHIO.

CINCINNATI—Reedy H. J. Elevator Co. (Push Button, Electric & Hand), 15 W 2d
WARNER ELEVATOR MFG. CO. Spring Grove av, Alfred & Valley
See adv index at end of book
CLEVELAND—Edmonds Elevator Co., 519 Champlain av
COLUMBUS—Ohio Elevator & Mach. Co.

PENNSYLVANIA.

PHILADELPHIA—Energy Elevator Co., ("Energy," "Little Beauty," "Little Giant," "Rapid Transit"), 214 New
Massa George (Brass Tube), 245 S 6th
O'Neill Elevator Co., 628 Cherry
Warsaw Elevator Co. (Steel), 929 Chestnut
PITTSBURGH—Marshall Bros., S 21st
READING—**SPEIDEL JOHN G.**
See adv index at end of book
YORK—York Automatic Dumb Waiter Works (Refrigerated Automatic)

WASHINGTON.

SEATTLE—Washington Elevator Co.

WISCONSIN.

MILWAUKEE—Kieckhefer A. Elevator Co.

4156—Dumb Waiters (Electric)

Abell Elevator Co., 114 N 8th, Louisville, Ky.
Elec. Dumbwaiter Co., 116 Morgan, Pittsburg, Pa.
Elevator Supplies Co. Inc., Hoboken, N. J.
Energy Elevator Co., 214 New, Phila., Pa.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Lamson Co., 100 Boylston, Boston, Mass.
Miller Wm. A. Machine & Elevator Co. (Automatic & Push Button), 1000 N Main, St. Louis, Mo.
Nock & Garside Elevator Co., Denver, Colo.
Otis Elevator Co., 26th & 11th av, New York
Pennsylvania Elevator Co., Hartje bldg., Pittsburgh, Pa.
Roberts Jas. H. Elevator Co., 430 W B'way, N. Y.
Speidel John G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
Sturm Dumbwaiter & Elevator Co., Portland, Ore.
Warsaw Elevator Co., Warsaw, N. Y.

4157—Dumb Waiters (Pneumatic)

Lamson Co., 100 Boylston, Boston, Mass.
Morrison Angus Co., 183 High, Boston, Mass.

4158—Dumb Waiters (Self-Sustaining)

Abell Elevator Co., 114 N 8th, Louisville, Ky.
International Steel & Iron Co., Evansville, Ind.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Lamson Co., 100 Boylston, Boston, Mass.
Miller Wm. A., Machine & Elevator Co., 1000 N Main, St. Louis, Mo.
Morrison Angus Co., 183 High, Boston, Mass.
Sedgwick Machine Works, 150 W. 15th New York
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
Warsaw Elevator Co., Warsaw, N. Y.

4159— Dumps (Ash)

Adams Co. (Fire Place), Dubuque, Ia.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Covert H. W. Co., 137 E. 46th, New York
Donley Bros. Co. (The), ("D B"), 3625 E 74th, Cleveland, O.
See adv index at end of book
Jardine Walter S. & Sons Co. (Fireplace), 29 Central, Arlington Heights, Mass.
Majestic Co. ("Majestic"), Huntington, Ind.
Withers Foundry & Machine Works, Atlanta, Ga.

4160—Dumps (Automatic, Cross-Over)

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co. ("Phillips"), 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works ("Bumpa"), Knoxville, Tenn.

4161— Dumps (Ice)

Columbus Iron Works, Columbus, Ga.
Triumph Ice Machine Co., Oakley, Cincinnati, O.

4162— Dumps (Rotary Mine)

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Ottumwa Box Car Loader Co., Ottumwa, Iowa
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.
Wood Equipment Co. (Pneumatic), 1220 E. 75th, Chicago, Ill.

4163-4— *Dumps (Wagon)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4165-6— Duplicators

(For the Reproduction of Manuscripts, Plans, etc)
American Duplicator Co., 3 Coenties sl, New York
American Multigraph Sales Co. ("Flexotype" Multigraph), 1832 E 40th, Cleveland, O.
Beck Duplicator Co. ("Iron Clad." "Rolofilm," "Self-Feeding"), 476 B'way, New York
Bensinger C. Co., 15 Whitehall, New York
Daus Felix F. Duplicator Co. ("Tip-Top"), 111 John, New York
Dick A. B. Co. ("Edison Mimeograph"), 736 W Jackson blvd, Chicago, Ill.
Duplicator Mfg. Co. ("Ditto" Commercial), 530 S. Dearborn, Chicago, Ill.
Durkin, Reeves & Co. ("Modern"), 507 Schmidt bldg, Pittsburgh, Pa.
Evans Products Corp'n (All-Steel), 46 Murray, New York
General Manifold & Printing Co. ("Lewis" Biller), 727 S Dearborn, Chicago, Ill.
Hektograph Mfg. & Dup. Co., 46 Murray, New York
Heyer T. A. Duplicator Co., 160 N Wells, Chicago, Ill.
Home & Export Duplicator Co., 228 W B'way, New York
Levison & Blythe Mfg. Co. (Hektographs), 209H Locust, St. Louis, Mo.
Lineograph Co. ("Lineograph," Rotary or Flat), 112 Fulton, New York
Lisenby Mfg. Co. (Multicolor Presses), Fresno, Cal.
Meadows Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
Natl. Duplicators Co., 72 Pine, New York
Neostyle Co., 319 B'way, New York
New Writerpress Co. ("Writerpress" Letter Duplicator & Office Printing Machine), Shelton, Conn.
Parker, Edwin A. Corp., 591 Hudson, New York
Pen Carbon Mfg. Co., New Brunswick, N. J.
Pruitt Co., 112 G. N. La Salle, Chicago, Ill. *See adv index at end of book*

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Schapirograph Co., 228 W B'way, New York
Writerpress Lettergraph Co., Shelton, Conn.

4167— Duralumin

American Duralumin Co., 11 Pine, New York

4167a— *Dust Arresters

Mac Leod Co. (For Foundries), 2227 Bogen, Cincinnati, Ohio
See adv index at end of book

Anyone troubled with dust will do well to submit same to us as we have two types of dust arrestors suitable for various work.
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4168—Dust Arresters For Foundries

Bicalky Fan Co., Buffalo, N. Y.
Central Iron Works (For Arresting all Dust from Tumbling Mills, Emery & Polishing Wheels & Sand Blast Rooms), Quincy, Ill.
Cleveland Nickel Works ("Glassford"), 1167 W 67th, Cleveland, O.
Dayton-Dowd Co. ("Reliable"), Quincy, Ill.
Hersh Bros. Co., Allentown, Pa.
Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J.
See adv index at end of book
Illinois Mfg. & Supply Co., Quincy, Ill.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Knickerbocker Co., Jackson, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book
Pangborn Corp., Hagerstown, Md.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
U. S. Steel Tank & Pipe Co., 2090 Canalport av, Chciago, Ill.

4168a—*Dust Arresters (Metal Screen)

MACLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book

4169— Dust (Bone)

Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Hafleigh & Co., Cambria & N American, Phila., Pa.
Nitrate Agencies Co. (Imp), 102 Pearl, New York

4170—Dust Collectors (Mechanical)

Allen Engineering & Mfg. Co. ("Numaticon," Also Lint), Savannah, Ga.
Allen E. H. Co., 41 Beverly, Boston, Mass.
Allington & Curtis Mfg. Co., Saginaw, Mich.
Anglo Am. Mill Co. (Cyclone), Owensboro, Ky.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Banister A. W. Co. (Separators), 421 Dorchester av, S Boston, Mass.
Barnard Machinery Co., Dept H, Enterprise, Kans.
Bernard & Leas Mfg. Co. (Rotary Pneumatic), Moline, Ill.
Bicalky Fan Co., Buffalo, N. Y.
Buckeye Blower Co., 425 W. Town, Columbus, O.
Buffalo Forge Co., Buffalo, N. Y.
Carlisle & Gale Co., 5 North, Boston, Mass.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clark Dust Collecting Co. (For Sand Blasting Systems, Cement Plants, etc.), Fisher bldg, Chicago, Ill.
Clark T. F. & Co., Seattle, Wash.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Conn. Blower Co., Inc. (With or Without Piping), 133H Sheldon, Hartford, Conn.
Cyclone Blow Pipe Co. ("Cyclone"), 2552 W 21st, Chicago, Ill.
See adv index at end of book

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Dixie Mfg. Co. ("Cyclone"), Russel & B. & O. R. R., Baltimore, Md.
Empire Blower & Pipe Co., Rochester, N. Y.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Goethel Alfred C. Co., The (Not inc), 301-303 4th, Milwaukee, Wis.
Grand Rapids Blow Pipe & Dust Arrester Co. ("Up-to-date"), Grand Rapids, Mich.
Hersh Bros. Co., Allentown, Pa.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for Mill Dust), Silver Creek, N. Y.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Kelker Blower Co., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
King F. E. Co., Norfolk, Va.
Kirk & Blum Mfg. Co., 2850 Spring Grove, Cincinnati, O.
Knickerbocker Co. ("Cyclone," "Morse" Rarified for Sand Blast, Tumbling Barrels, etc), Jackson, Mich.
LEE THOMAS & SON CO., 129 W. 2nd, Cincinnati, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

DUST COLLECTORS (Mechanical)—cont.

Mannen John E. Co., 2247 St. Clair, Cleveland, O.
Miller J. K. Co. ("Western"), Seattle, Wash.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
No Dust Drying Machine Co. ("No Dust"), 157 Dorrance, Providence, R. I.
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio
Pangborn Corp., Hagerstown, Md.
Pipe, J. A. Roofing Co., Greenville, S. C.
Porbeck Dust Arrestor & Blow Pipe Co., 2017 N B'way, St. Louis, Mo.
Prinz & Rau Mfg. Co. ("Perfection"), 659 E Water, Milwaukee, Wis.
Richmond Mfg. Co. ("Niagara," for Corn, Grain, etc), Lockport, N. Y.
Silverton Blow Pipe Co., 109H West Main, Silverton, Oregon.
Skinner Bros. Mfg. Co., Inc., Vandeventer & Boyle, St. Louis, Mo.
Sprout, Waldron & Co., Muncy, Pa.
Sterling Blower Co. ("Sterling" Cyclone), Hartford, Conn.
Venderbush & Co., Detroit Mich.
Western Blow Pipe & Sheet Metal Co. ("Improved Cyclone"), St. Louis, Mo.
Western Blower Co., 1800 9th av, So. Seattle, Wash.
Wolf Co., Chambersburg, Pa.

4170a— Dust (Fire Clay)

Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*

4171—Dust Guards (Journal Box)

Franklin Mfg. Co. (Asbestos), Franklin, Pa.
Harrison Dust Guard Co., Toledo, O.
McCord & Co., 122 S Michigan av, Chicago, Ill
Symington, T. H. Co. ("Symington"), 233 B'way, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Western Railway Equipment Co. ("Security"), Central National Bank bldg, St. Louis, Mo.

4171a— Dust (Saw)

Estes E. B. & Son (Box Wood), 364 5th av, New York
See adv index at end of book
Smith, Oscar & Son, Albany, N. Y.

4172— Duster Mfrs.

See also Cloths, Dustless Dust

American Feather Duster Co. (Ostrich Feather), 23 Great Jones, New York
Boston Feather Duster Co. (Feather), 74 Pearl, Boston, Mass.
Burton A. & E. & Co. (Painters, Counters, Furniture, Factory, Foundry, etc., Turkey Feather, Ostrich Feather, etc., 73 Pearl, Boston, Mass.
Dearborn Duster Co. ("Dearborn," "La France" & "Uneeda"), (Feather, Woven Down & Wool), 550 W Harrison, Chicago, Ill.
Dunlap Mfg. Co. ("Oil of Gladness" for Furniture, etc), Bloomington, Ill.
Empire Feather Duster Co. (Ostrich Feather), 203 Centre, New York
Friedlander Paul N., 337 Broadway, New York
Hays Duster Co. (Feather), 5 W 4th, New York
Hoag Duster Co. ("Hoag," "Iowa" Hand Split Feather), Monticello, Iowa
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Homer Bros. & Muir Co. (Antiseptic), 66 Pearl, Boston, Mass.
Howard Dustless Duster Co. ("Howard" Dustless Dust Cloths, Dust Mops & Handle Dusters), 290 Franklin, Boston, Mass.
Levy S. ("Bell," "La France," "London" Feather), 618 New Market, Phila., Pa.
McCleverty James (Turkey & Ostrich Feather, etc), 148 Wildey, Phila., Pa.
Milton Chemical Co. ("B. B." Utility), 156 Sixth, Cambridge, Mass.
National Brush Co., Aurora, Ill.
National Duster Co. Ltd. (Turkey & Ostrich Feathers, etc), 736 S 2d, Phila., Pa.
New Jersey Brush Co. (Furniture, Painters, etc), Bloomfield, N. J.
N. Y. Feather Duster Co. (Feather), 649 B'way, New York
Ohio Duster Co. ("Elle"), Cleveland, O.
Osborn Mfg. Co. (Wire, Fibre, Bristle, etc), 5401 E. Hamilton, Cleveland, O.
Pioneer Mfg. Co. ("Shino" Dust Absorbers), 3053H E. 87th, Cleveland Ohio
Rubberset Co. ("Rubberset," Camels Hair Photographers, etc), 56 Ferry, Newark, N. J.
Tate E. A. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Universal Brush Co. ("Kleanwell," "Faultless," "De Lux" & "Midnight" Hand), 181 Quincy, Chicago, Ill.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Weil Ransom Co. ("Chicago" Feather), 816 Fulton, Chicago, Ill.

4173— Dusters (Bran)

Allis Chalmers Mfg. Co. (& Shorts), Milwaukee, Wis.
Barnard & Leas Mfg. Co. ("Barnard-Moline"), Moline, Ill.
Nordyke & Marmon Co., Ky av & Morris, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara," "Empire"), Lockport, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

4173a— Dusters (Counter)

Osborn Mfg. Co. (Fibre, Bristle, Wire & Combination), 5401 Hamilton av, Cleveland, Ohio
Pollock Brush Co., 25-27 N. Fourth, Easton, Pa.

Dusters (Dustless)

See Cloths, Dustless Dust

4174— Dusters (Insecticide)

Leggett & Bro. ("Beetle," "Potato," "Champion," "Little Giant"), 301 Pearl, New York
McWhorter Mfg. Co. (Paris Green), Riverton, N. J.

4175— Dusters (Mitten)

Pioneer Mfg. Co. ("Shino"), 3053H E. 87th, Cleveland, Ohio

4176— Dusters (Painters')

Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Hanlon & Goodman Co., 270 Pearl, New York
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

4177— Dusters (Paper Mill)

Cincinnati Chemical Works, Inc., Evanston Station (Norwood), Cincinnati, Ohio
Holyoke Machine Co., Holyoke, Mass.
Noble & Wood Machine Co. (Fan, Pin & R R), Hoosick Falls, N. Y.
Norwood Engineering Co. (R R & Fan), Florence, Mass.

4177a— Dye Stuffs

See also Aniline Colors, Dyes & Dyestuffs

Acme Sales Corp., 189 Clark, Chicago, Ill.
Althouse Chemical Co., Reading, Pa.
American Dyewood Co., 80 Maiden lane, New York
BUTTERWORTH - JUDSON CORPORATION (Acid, Basic, & Chrome & Victoria), 6 B'way, New York
See adv index at end of book
Conn. Metal & Chemical Co. (Silk, Satin, Rhodamine), E Berlin, Conn.
Cronkhite Co. Inc., 185 Devonshire, Boston, Mass.
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Hartmann Pacific Co., 80 Wall, New York
National Aniline & Chemical Co., 21 Burling Slip, New York

4177b— Dyes

See also Aniline Colors, Dyes & Dyestuffs

Althouse Chemical Co., Reading, Pa.
American Dyewood Co., 80 Maiden lane, New York
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales. Dept., Wilmington, Del.
See adv index at end of book
Conn. Metal & Chemical Co., E Berlin, Conn.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Matheson & Atkinson, 354 4th av, New York
M. & B. Chemical Co., Dept H, Johnson City, Tenn.

4177c— Dyewoods

Althouse Chemical Co., Reading, Pa.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

4178— Dynamite Mfrs.

American Dynalite Co. ("Dynalite"), Amherst, O.
Atlas Powder Co., Wilmington, Del.
Cameron Powder Mfg. Co., Emporium, Pa.
Dittmar Powder Works, 102 W 130th, New York
DU PONT E. I. DE NEMOURS & CO. INC., (Sales Dept., Explosives Div.) (Straight Extra, Gelatin, Low-Freezing), Wilmington, Del. *See adv index at end of book*
Excelsior Powder Mfg. Co., Kansas City, Mo.
Giant Powder Co. Cons., San Francisco, Cal.
Grasselli Powder Co. ("Mine-ite," "Fuel-it," "Cameron," Permissibles), Guardian bldg, Cleveland, O.
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See adv index at end of book

King Powder Co., 1st Nat'l Bank bldg, Cincinnati, O.
McAbee, G. R. Powder & Oil Co., Oliver bldg., Pittsburgh, Pa.
Nitro Powder Co., Kingston, N. Y.
Rockdale Powder Co., York, Pa.
West Penn Powder Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.

4179—Dynamo & Motor Mfrs.

(For Light & Power)

See also Dynamos, Electro Plating; also Generators, Various Kinds; also Motors, Various Kinds

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Fairbanks Morse & Co. (Direct & Alternating), 900 S. Wabash av
GENERAL ELECTRIC CO. (Direct & Alternating), Monadnock blk
See adv index at end of book
Globe Elec. Co. (Motor Only), 6340 Stony Island av
Kimble Electric Co. ("Kimble" Induction & Variable Speed Motors), 634 Northwestern av
National Stamping & Electric Works (Direct Current), 424 S Clinton
Peerless Electric Co. (Direct Current), 550 W Harrison
Roth Bros. & Co. (Direct Current Vertical Shaft Motors), 1400 W Adams

INDIANA.

ANDERSON—Arvac Mfg. Co.
FORT WAYNE—General Electric Co.
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OIL OF MIRBANE
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Electric Machinery Co. (Direct & Alternating), 14th av & N E Tyler
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Century Electric Co., 19th & Pine
Emerson Electric Mfg. Co., 2024 Washington av
Wagner Electric Mfg. Co. (Alternating Current) 6400 Plymouth av

NEW HAMPSHIRE.

CONCORD—Cushman Elec. Co. (Direct Current)
LEBANON—Kendrick-Davis Co. (Battery,

NEW JERSEY.

AMPERE—Crocker, Wheeler Co. (Direct & Alternating)
BELLEVILLE—Eck Dynamo & Motor Co., ("High-Grade" Direct Current Dynamos & Motors & Alternating Current Dynamos)
ELIZABETH—Diehl Mfg. Co. (Direct Current 1/50 to 500)
GARWOOD—Bell Electric Motor Co. (A C & D C)
IRVINGTON—Conn. Dynamo & Motor Co.
NEWARK—Star Electrical Motor Co., Miller & N. J. R. R. av
ROSELLE PARK—Shedd Electric Co. (Direct Current, Small)

NEW YORK.

BINGHAMTON — Stow Mfg. Co., Inc. (Motor)
See adv index at end of book
BUFFALO—McCarthy Bros. & Ford (D. C)

NEW YORK CITY.

NEW YORK—Bogue Chas. J. Electric Co. (Direct Current), 513 W 29th
Dilg Mfg. & Trading Co. (Direct Current), 127 E 125th
Frazer & Co., 50 Church
Green W. Electric Co. (Direct Current, Small Motors), 81 Nassau
Rateau, Battu, Smoot Co., 90 West
Sprague Electric Works ("Lundell" Direct Current), 527 W 34th
Western Electric Co., 463 West
(End of New York City)
ROCHESTER—Rochester Motors Co. (D C)
SCHENECTADY — GENERAL ELECTRIC CO. (Direct & Alternating Current)
See adv index at end of book
TROY—Troy Electrical Co.

OHIO.

AKRON—Imperial Electric Co. (Direct Current)
CINCINNATI—Carlisle & Finch Co.,229 E Clifton av
Jantz & Leist Elec. Co. (Multipolar D C)
Triumph Electric Co. (Direct & Alternating Current), Oakley
Wesche B. A. Elec. Co., 327 E. 6th
CLEVELAND—Cleveland Armature Works Inc. (Direct Current), 4736 St. Clair av
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd
Lincoln Electric Co. (D C & A C)
Ohio Electric & Controller Co., 5900 Maurice av
See adv index at end of book
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd
See adv index at end of book
DAYTON—Dayton Electrical Mfg. Co. ("Dayton" up to ½ H P)
Dayton Fan & Motor Co.
LEIPSIC—Temco Electric Motor Co. ("Temco")
MANSFIELD—Ideal Electric & Mfg. Co. (Direct & Alternating Current, Open & Enclosed)
Phoenix Electric Co.
See adv index at end of book
SPRINGFIELD—Robbins & Myers Co. (Direct & Alternating Current), 1400 Lagonda av
TOLEDO—Rollaway Co. ("Rollaway" Bicycle Motor), 1048 Shepard
TROY—Hobart Bros. Co.
WARREN—Peerless Electric Co. ("Peerless" Direct Current)

PENNSYLVANIA.

EAST PITTSBURGH — WESTINGHOUSE ELECTRIC & MFG. CO.
See adv index at end of book
ERIE—BURKE ELECTRIC CO. (Direct & Alternating)
General Electric Co.
See adv index at end of book
LANCASTER—Fidelity Electric Co. (A. C. & D. C.)
PHILADELPHIA — Kinetic Electric Co. (Direct Current), S. Schnell
Toomey, Frank, Inc. (Dealers), 127 N. 3rd
PITTSBURGH — DUQUESNE ELECTRIC & MFG. CO., Bessemer bldg
See adv index at end of book
RIDGWAY—Ridgway Dynamo & Engine Co. (Direct Current)

WASHINGTON.

SEATTLE—N. & S. Foundry Co.

WISCONSIN.

LA CROSSE—Benton Electric Co. (D. C.)
MILWAUKEE—Allis-Chalmers Mfg. Co. (Direct & Alternating)
Andrae Julius & Sons Co. (Small), 362 Broadway
Holt Electric Co. (Direct Current), 379 S Pierce
MECHANICAL APPLIANCE CO. (Direct & Alternating Current), 133 Stewart
Northwestern Mfg. Co. (D. C. to 75 H.P.), 482 Clinton

4180— Dynamometers

Burr Co. (Railway), Champaign, Ill.
Diehl Mfg. Co., Elizabeth, N. J.
Du Vivier Ernest H. (Imp.) (Dial & Recording), 30 Church, New York
Eck Dynamo & Motor Co., Belleville, N. J.
Foote, Pierson & Co., 160 Duane, New York
Hartford Special Machinery Co. (Rubber Testing), Hartford, Conn.
Kohlbusch, Herman Sr., Inc., 149H New York av, Jersey City, N. J.
Leeds & Northrup Co. (Electric), 4901 Stenton av, Phila, Pa.
Olsen Tinius Testing Machine Co. (Traction & Power Transmission), 500 N 12th, Phila., Pa.
Pearce Fred'k Co., 20 Rose, New York
Queen-Gray Co., 644 W Johnston, Phila., Pa.
Roller-Smith Co. ("Roller-Smith" Electric), 233 B'way, New York
Sprague Electric Works (Round Type), 527 W 34th, New York
Tracy Joseph (Fan), 1786 B'way, New York

4181—Dynamos (Electro-plating)

Aaron Electric Co., 15 S Clinton, Chicago, Ill.
Bell Electric Motor Co., Garwood, N. J.
Bishop W. S., New Haven, Conn.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Boissier Electric Co. ("World"), 81-89 Tenth, Long Island City, N. Y.
Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Clark Jas. Jr. Elec. Co., Louisville, Ky.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Cutter & Wood Supply Co. (Jobbers), 274 Friend, Boston, Mass.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Platers Supply Co., 489-493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
Jantz & Leist Electric Co., Cincinnati, O.
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
L'Hommedieu, Chas. F. & Sons, 4521 Odgen av, Chicago, Ill.
Munning A. P. & Co. ("Optimus"), Matawan, N. J.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Rochester Motors Co., Rochester, N. Y.
Warren Products Co., 265 Canal, New York
See adv index at end of book

Dynamos (Plating)

See Dynamos, Electro-plating

4182— Dynamos (Turbine)

De Laval Steam Turbine Co. (D. C. & A. C.), East Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4183— Dynamotors

Bell Electric Motor Co., Garwood, N. J.
Butler-Edwards Electric Co., Easton, Pa.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
Eck Dynamo & Motor Co., Belleville, N. J.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Roth Bros. & Co. (Ringing), 1400 W Adams, Chicago, Ill.
Sprague Electric Works (Round Type), 527 W 34th, New York

Earphones

See Audiphones

4184— Ears (Trolley)

Creaghead Engineering Co., 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Edna Brass Mfg. Co., Cincinnati, O.
Electric Railway Equipment Co., Cincinnati, O.
Eureka Co., North East, Pa.

Earth (Bleaching)

See Fullers Earth

4185— Earth (Infusorial)

Atlas Mineral Products Co., Dept H, Mertztown, N. J.
Behrend F. (Imp), 170 Front, New York
Chrystal Charles B. (Imp) (Kieselguhr, Fossil Flour), 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp), 63 Park Row, New York
Fuerst Bros. & Co., 2 Stone, New York
Hammill & Gillespie (Imp), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Celite Products Co., Van Nuys Bldg., Los Angeles, Cal.
National Sales Co. (Imp), 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Salomon L. A. & Bro. (Imp), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York *See adv index at end of book*
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York

4186— Earth (Tripolite)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Scheel Wm. H. (Imp), 159 Maiden la, New York *See adv index at end of book*

Earthenware

See Potteries; China Ware; Plumbers' Sanitary Earthenware, etc

4187— Easels (Brass)

Heitler Kurt, 221 4th av, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio
See adv index at end of book

4188— Easels (Paper)

Springman Paper Products Co., 75 W Larned, Detroit, Mich

4189—Easels (Plate & Picture, Etc.)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

4190— Easels (Wire)

Cassady Fairbank Mfg. Co. ("Andersons" Adjustable Display), 6126 S La Salle, Chicago, Ill.
Heitler Kurt (Rubber Covered), 221 4th av, New York
Woods-Sherwood Co. (Wire), Worcester, Mass.

Eave-Trough Mfrs.

See Conductor Pipe & Eave-Trough Manufacturers

4191— Economizers (Air)

Sterling Equipment Co. ("Sterling," Reheated Compressed Air), 139 N Clark, Chicago, Ill.

4192— Edgers (Double)

American Woodworking Machinery Co., Rochester, N. Y.
Chase Turbine Mfg. Co. (Power Feed with Movable Saw), Orange, Mass.
Filer & Stowell Co., Milwaukee, Wis.
Lane Mfg. Co. Montpelier Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
Union Iron Works, Bangor, Me.
Yates P. B. Machine Co., Beloit, Wis.

4193— Edgers (Gang Saw)

Adams W. T. Machine Co., Corinth, Miss.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Saw Mill Machinery Co. ("American" & "Junior"), Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Butterworth & Lowe, Grand Rapids, Mich.
California Saw Works, 721 Brannan, San Francisco, Cal.
Clark Bros. Co., Olean, N. Y.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works ("Diamond & Armstrong"), 2nd & 18th av N, Minneapolis Minn.
Enterprise Co., Columbiana, O.
Fay J. A. & Egan Co., Cincinnati, O.
Garland M. Co., Bay City, Mich.
Gibbes Machinery Co., Columbia, S. C.
Gordon Hollow Blast Grate Co. ("The Tower"), Greenville, Mich.
Grace C. M. & Co., Huntsville, Ala.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Memphis Machine Works, Memphis, Tenn.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Newman Machine Co., Greensboro, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Puget Sound Machinery Depot, 318 1st av, So Seattle, Wash.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Star Machinery Co., 1731 1st av S, Seattle, Wash.
Stearns Co., Erie, Pa.
Stellman L. H. & Son, Brattleboro, Vt.
Union Iron Works, Bangor, Me.
Union Iron Works, Spokane, Wash.
United States Machine Co. (Shingle, etc), Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Yates P. B. Machine Co. Beloit, Wis.

Edgers (Lumber)

See Edgers, Gang Saw

4194— Edgers (Roofing)

Danzer Metal Works ("Danzer's Lightning," Hand & Foot Power), Hagerstown, Md.

4195— Edgers (Turf)

American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Kohler F. E. Co., Canton, O.
Union Fork & Hoe Co. (Solid Steel Bronze Finish), Columbus, O.

4196—Eductors (Jet Water & Sand Lifting)

Otterson Auto Eductors Co., Springfield, O.
SCHUTTE & KOERTING CO. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book

4196a— Eggs (Darning)

See Balls, also Darning

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

4197— Eggs (Nest)

American Crayon Co. (Hygieia & Lime), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
Point Marion Glass Novelty Co., Point Marion, Pa.
White Tar Co. (Napthalene), John & Cliff, New York

4197a— Ejectors (Acid)

General Ceramics Co., 50 Church, New York
Knight Maurice A., Akron, O.
Durion Castings Co., Dayton, O.
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

4198—Ejectors (Ash, Hydraulic)

Davidson M. T. Co. ("Davidson"), 154 Nassau, New York
East Bangor Mfg. Co., Bangor, Pa.
Marine Mfg. & Supply Co., 158 South, New York
Puget Sound Machinery Depot, 318 1st av, So Seattle, Wash.
ROW & DAVIS, ENGINEERS, INC., 90 West, New York

4199—Ejectors (Bronze Bleach)

Perkins B. F. & Son, Holyoke, Mass.

Ejectors, Jet Pumps or Syphons

See Injectors & Ejectors, Boiler

Ejectors (Sewage, Automatic)

See Sewage Ejectors

4200—Ejectors (Steam, Acid Proof)

Duriron Casting Co. ("Duriron"), Dayton, O.

Elaterite

See Hydro Carbons

4201— Elbows (Boiler)

Blake Specialty Co. (With Union), Rock Island, Ill.
Grabler Mfg. Co. (With Union), Cleveland, O.

4202— Elbows (Brass)

Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
Buckeye Iron & Brass Works (Finished) Dayton, O.
Columbus Brass Works, 538 Dublin av, ("Columbus"), Columbus, O.
See adv index at end of book
Commonwealth Brass Corp. (Compression) 5781 Commonwealth Av & Ry., Detroit, Mich.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Carbury Co., 1136 Ridge av., Phila., Pa.
Haydenville Co., Haydenville, Mass.
Kellogg-Mackay Co., 419 W 18th, Chicago Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Larkin, J. K. & Co., 253 Broadway, New York *See adv index at end of book*
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O *See adv index at end of book*
McCambridge Co., 315 N 20th, Phila, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio
See adv index at end of book
Perkes Chas. (Est. of), 627 Arch, Philadelphia, Pa.
Powell, Wm. Co., 2525 Spring Grove av. Cincinnati, Ohio
See adv index at end of book
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis
Sanitary Co. of Amer., Linfield, Pa.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.
Whitlock Coil Pipe Co., Hartford, Conn.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

4203—Elbows (Cast or Malleable)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Central Foundry Co. (Cast), 90 West, New York
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Franklin Pipe & Foundry Co., 2428 S Paulina, Chicago, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Lynchburg Fdry Co., Lynchburg, Va.
Malleable Iron Fittings Co. ("M. I. F. Co.," Malleable), Branford, Conn.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Messinger Mfg. Co., Tatamy, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.

4204— Elbows (Closet)

A. Klipstein & Co. ("Bemanco"), 644 Greenwich, N. Y.
American Pin Co. ("Ampinco"), Waterbury, Conn.

American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Church, C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Compound Injector & Specialty Co. ("Dehn's," "Acme"), 419 N Laramie av, Chicago, Ill.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Ideal Supply Co., Somerville, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

Elbows (Conductor Pipe)

See Elbows & Shoes Conductor Pipe

4205— *Elbows (Conduit)

AMERICAN TUBE & PIPE BENDING CO., THE, 880 E. 72nd, Cleveland Ohio
See adv index at end of book

Elbows (Furnace)

See Furnace Pipe & Fittings

4206—Elbows (Plumbers' Rubber)

Canfield H. O. Co. ("1901"), Bridgeport, Conn.
Canfield Rubber Co. ("Redtex," "Blackrock"), Bridgeport, Conn.
Empire Tire & Rubber Corp., Trenton, N. J.
Glauber Brass Mfg. Co. ("Cut-Me-Off" Rubber Closet), 49th & Superior av N E, Cleveland, O.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Norwalk Mfg. Co., E Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.

Elbows (Stove Pipe)

See Stove Pipe & Elbow Mfrs.

4207—Elbows (Street or Service)

Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Exeter Brass Works, Exeter, N. H.
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Wolverine Brass Works, Grand Rapids, Mich.

4208— Elbows (Union)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
Bard Union Co., Norwich, Conn.
Belknap Mfg. Co., Bridgeport, Conn.
Capitol Brass Works, 596 Franklin, Detroit, Mich.
Crane Co. (Malleable, etc.), 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Dart E. M. Mfg. Co. ("Dart"), 134 Thurber av, Providence, R. I.
See adv index at end of book
Exeter Brass Works, Exeter, N. H.
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
Kelly & Jones Co. (Malleable Iron, etc.), 125 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S. Campbell av, Detroit, Mich.
Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.
Milwaukee Valve Co. (Brass), 189 Burrell, Milwaukee, Wis.
Pittsburgh Valve & Fittings Co. ("Pittsburg"), Frick bldg, Pittsburgh, Pa.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, Ohio
See adv index at end of book
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

4209—Elbows & Shoes (Conductor Pipe)

Berger Mfg. Co., Canton, O.
Camden Elbow Co., Camden, N. J.
Canton Art Metal Co., Canton, O.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dieckmann Ferdinand Co., 1182 Harrison av, Cincinnati, O.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARD MFG. CO. (Corrugated, etc.), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Friedly-Voshardt Co. (Galvanized & Copper), 733 S Halsted, Chicago, Ill.
Globe Iron Roofing & Corrugating Co., Dept H, Newport, Ky.
Hussey C. G. & Co. (Copper Only), 2850 2nd av, Pittsburgh, Pa.
Klauer Mfg. Co., Dubuque, Ia.
Lamb & Ritchie Co. (Corrugated, etc.), Cambridge, Mass.
Lupton's Davids' Sons Co. ("Lupton"), E Allegheny av & Tulip, Phila., Pa.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Messenger & Parks Mfg. Co., Aurora, Ill.
Meurer Geo. C. Co., 22 Clay av, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
New England Steel Roofing Co. (Corrugated, etc), Worcester, Mass.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Niles Iron & Steel Roofing Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Robertson Bros. Mfg. Co., 5401 S Western av, Chicago, Ill.
See adv index at end of book
Scott Roofing & Mfg. Co. (Corrugated, etc), 408 Culvert, Cincinnati, Ohio
Souther E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Tiffin Art Metal Co., 20 Broad, Tiffin, Ohio
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

4210—Election Booths (Steel or Wood)

Van Dorn Iron Works Co. (Steel only), 2700 E. 79th, Cleveland, O.

4211—Electric Blasting Apparatus

See also Blasting Fuses, Caps, etc
Rendrock Powder Co., 106 Wall, New York

Electric Car Lighting Apparatus

See Car Lighting Apparatus

4212—Electric Heating & Ironing Outfits (Shoe Factory)

Boston Last Co. ("Peerless"), 44 Binford, Boston, Mass.

Electric Light Fixtures

See Electric & Gas Light Fixture Mfrs.

4213—Electric Light Plants (Portable or Stationary)

Acme Road Mach. Co., Frankfort, N. Y.
Alamo Farm Light Co., Hillsdale, Mich.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Am. Battery Co. ("American" Portable or Stationary), 1134 Fulton, Chicago, Ill.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Armstrong Mfg. Co., Waterloo, Ia.
Ashbrook Elec. Co., 411 Ravenswood av, Chicago, Ill.
Atlas Elec. Storage Battery Co., Greenville, Mich.
Automatic Light Co., Ludington, Mich.
Barber James-Dwinnell Elec. & Mfg. Co., Kansas City, Mo.
Brushlite Co., 255 Greenwich, New York
Bruston Elec. Ltg. & Power Co.. (Imp), 101 Park av, New York
Carlisle & Finch Co., 229 E. Clifton av, Cincinnati, O.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Commercial Elec. Supply Co., B'way & Spruce, St. Louis, Mo.
Consolidated Utilities Corp., 730 S. Michigan av, Chicago, Ill.
Cushman Motor Wks., Lincoln, Neb.
Dayton Electric Mfg. Co. (For Home, Farm or Factory), Dayton, Ohio
Dealers Electric Light Co. ("Perfection" Power Direct Connected & "Jupiter" Belt Driven), 500 E 40th, Chicago, Ill.
Delco Light Co. ("Delco-Light"), Dayton, Ohio
Edison Storage Battery Co., Orange, N. J.
Electrical Testing Co., Peoria, Ill.
Eli Bridge Co. (Portable), Roodhouse, Ill.
Engberg's Elec. & Mechanical Wks., St. Joseph, Mich.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fay & Bowen Engine Co., Geneva, N. Y.
Friday Mach. & Supply Co., Sigourney, Ia.
Frost Engineering Co., Evansville, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gasoline Engine Equipment Co., 347 Madison av, New York
Gas Engine & Power Co., Morris Heights, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Gas Electric Co., Hanover, Pa.
Globe Electric Co., 195 B'way, Milwaukee, Wis.
Gray Elec. Co., Springfield, O.
Gray Motor Co., Ford bldg., Detroit, Mich.
Hur Engine Co., Portsmouth, O.
Henricks Magneto & Elec. Co., Indianapolis, Ind.
Korsmeyer Co., Lincoln, Neb.
Kewanee Private Utilities Co., Kewanee, Ill.
Lalley Electric Lighting Co., 709 Bellevue, Detroit, Mich.
Langstadt & Meyer Co., Appleton, Wis.
Lauson-Lawton Co., DePere, Wis.
Main Electric Co. ("Main Light"), Cleveland, O.
Marron Mfg. Co., Rock Island, Ill.
Matthews Engineering Co., Sandusky, O.
Matthews Engineering Co. (For Homes, etc.), Sandusky, O.
Mayhew Co., 867 31st, Milwaukee, Wis.
Merrell Co., Toledo, O.
Moon Mfg. Co. (Portable; also Marine), 122 N Jefferson, Chicago, Ill.
Nichols & Wright Motor Co., 28 Parkridge av, Buffalo, N. Y.
Park C. W. (Portable), Leavenworth, Kans.
Parker Chas. H. & Son, Denver, Colo.
Perfection Storage Battery Co. ("Perfection," "Jupiter"), 500 E. 40th, Chicago, Ill.
Regal Gasoline Engine Co., Coldwater, Mich.
Remington Oil Engine Co., 30 Church, New York
Richardson Eng. & Mfg. Co., Hartford, Conn.
Roberts-Hamilton Co., 413 S Fourth, Minneapolis, Minn.
Russel Co. E. L., 708 State Life, Indianapolis, Ind.
Schug Elec'l Mfg. Co., 252 E. Larned, Detroit, Mich.
Silvey Elect. Co., Dayton, O.
Sturtevant B. F. Co. (Gasoline Elect.), 15 Damon, Hyde Park, Mass.
Suburban Lighting Co., Toledo, O.
S. V. M. Sales Corp., 1765 B'way, New York
Swartz Elec. Co., Indianapolis, Ind.
Unilectric Corp., 235 Mont Elliott, Detroit, Mich.
United Engine Co., Lansing, Mich.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
Universal Motor Car Co., Oshkosh, Wis.
Utility Battery Co., 123 W Madison, Chicago, Ill.
Warner Lamp Co., Davenport, Ia.
Western Elec. Co., 463 West, New York
Western Utilities Co., 204 Grand av, Milwaukee, Wis.
Wisconsin Fdry. & Mach. Co., Madison, Wis.

Electric Light Poles

See Poles, Iron & Steel, Flag & Street; also Ties, Poles & Posts

4213a—Electric Lighting Fixtures (Industrial)

See also Elec. & Gas Light Fixtures

Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Henricks Magneto & Electric Co., Indianapolis, Ind.
Post Glover Electric Co., 308 W. 4th, Cleveland, O.

4214—*Electric Lighting Plants for Yachts

Fay & Bowen Engine Co., Geneva, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

4215— Electric Lighting Sets

American Blower Co., 1400 Russell, Detroit, Mich.
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.
See adv index at end of book

4216—Electric Lighting Systems (Auto)

Brown John W. Mfg. Co., Columbus, O.
Connecticut Telephone & Electric Co., Meriden, Conn.
Cushman Motor Works, Lincoln, Neb.
Dyneto Electric Corp., Syracuse, N. Y.
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Electric Auto-Lite Co. ("Auto Lite"), Toledo, O.
Gray Motor Co., Det. Tenn. R.R. & Niack, Detroit, Mich.
Hoosier Storage Battery Co., Evansville, Ind.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
United States Light & Heat Corp. ("U S L"), Niagara Falls, N. Y.

4217— Electric Novelties

Electric Appliance Co. ("Morse" High Grade Electric Belts, Electric Insoles, Inhalers, etc), Burlington, Kans.
Elektra Toy & Novelty Co., 400 Lafayette, New York
Interstate Electric Novelty Co., 104 S 4th, Brooklyn, N. Y.
Ohio Electric & Controller Co., 5900 Maurice, Cleveland, O.
Standard Electric Novelty Co., 730 W. Randolph, Chicago, Ill.
Swedish-American Tel. Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Union Battery Co. (Miniature), Belleville, N. J.

4219— Electric Supplies

Berks Engineering Co., Reading, Pa.
Bissell, F. Co., 226 Huron, Toledo, Ohio
Blumenthal-Kahn Elec. Co., 505H Eutaw, Baltimore, Md.
Brooklyn Electrical Supply Co., 56H Myrtle av, Brooklyn, N. Y.
Brown Hunkle Corp., 26H Mechanic, Newark, N. J.
Burchard, Wm. A. Co., Inc., 60 Commerce, Norfolk, Va.
Carter Electric Co., 63H Peachtree, Atlanta, Ga.
Charleston Electrical Supply Co., Kanawaka, Charleston, W. Va.
Chattanooga Electric Co., 329H E. Main, Chattanooga, Tenn.
Clark, Jas., Jr., Electric Co., 520 N. Main, Louisville, Ky.
CUTLER-HAMMER MFG. CO., 12 & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dunham Carriahan & Hayden Co., Dept. H, Kansas & Division, San Francisco, Cal.
Fobes Supply Co., 560H 1st av, Seattle, Wash.
Front Supply Co., Wheeling, W. Va.
Garrett, Miller & Co., Wilmington, Del.
Gee Electric Co., Wheeling, W. Va.
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Interstate Electric Co., 356 Barrone, New Orleans, La.
Johns Manville H. W. Co., Madison av & 41st, New York
Johns-Pratt Co., The ("Noark" Fuses & Accessories), Hartford, Conn.
Luxam Electrical Supply Co., 225H E. Columbia, Ft. Wayne, Ind.
Mathews Electric Supply Co., Birmingham, Ala.
Mathews Electric Supply Co., Birmingham, Ala.
Mills & Lupton Supply Co., 1146 Market, Chattanooga, Tenn.
National Electrical Supply Co., 1330 New York av, N. W. Washington, D. C.
North East Electric Co. ("North East"), Dept H, Rochester, N. Y.
Ohio Distributing Corp., 220 Lomax pl, Chicago, Ill.
Preston Bros., Dept H, Norwich, Conn.
Sachs, Wm. A., Germantown av & Girard, Philadelphia, Pa.
Slocum & Kilburn, New Bedford, Mass.
Sloss & Brittain, 99H Beale, San Francisco, Cal.
Southern Electric Co., 9H S. Gay, Baltimore, Md.
Stewart, Frank H. Elec. Co., 37 N. 7th, Philadelphia, Pa.
Tennessee Mill & Mine Supply Co., Knoxville, Tenn.
Western Plumbing Supply Co., 1 Plumbers & Steamfitters), 3228 W. Filmore, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Woodhouse Electric Co., Norfolk, Va.

Electric Railway Contractors

See Contractors, Building & General

4220—Electric & Gas Light Fixture Mfrs.

ALABAMA.

BIRMINGHAM—Mathews Electric Supply Co. (Jobbers)

ARIZONA.

PHOENIX—Thoma E & Co.

CALIFORNIA.

ALAMEDA—Bechtle Otto.
LOS ANGELES—Beacon Light Co.
California Fixture Co., 1422 So Main
Forve-Pettebone Co.
Green H. L.
McCurdy-Miller Co., Van Nuys bldg
Meyberg Co.
Mission Fixture Co., 828 S B'way
Parmelee Z. L. Co., 217 E 17th
Post C. E. & Co., 399 W av, 26
Western Fixture Co., 737 W 16th
SAN FRANCISCO—Brass & Bronze Lighting Fixture Co.
Burtchaell John W., 357 Ellis
Coefield Mfg. Co., 51 Shipley
Day Thomas Co., 725 Mission
Gas Consumers Ass'n., 467 O'Farrell,
Hufschmidt L. A. Mfg. Co., 773 Mission
Ickelheimer Bros. Co., 439 Sutter
Incandescent Supply Co., 726 Mission
Roberts Mfg. Co., 663 Mission
United Lighting Fixture Co., 1149 Mission
Wizard Electric Lamp Co. ("D'Light"), 147 New Montgomery
SAN JOSE—Baker T. E. & Sons Co.

COLORADO.

DENVER—Sechrist Albert Mfg. Co.

CONNECTICUT.

MERIDEN—Bradley & Hubbard Mfg. Co.
Brenner Bros. Mfg. Co.
Miller Edw. & Co.
Parker Chas. Co.
WATERBURY—Waterbury Button Corp. (Molded, Electric Composition), 831 S. Main *See adv index at end of book*
WATERBURY MFG. CO.

DISTRICT OF COLUMBIA.

WASHINGTON—Catlin, Elmer H. Co., 809 13th, N W

ILLINOIS.

CHICAGO—Acme Chandelier & Mfg. Co., 165 N Wabash av
Alco Mfg. Co., 18 E Kenzie
American Brass & Glass Co., 790 N La Salle
Baehker F., 2531 Milwaukee av
Baggot E Co. 21 E Lake
Beardslee Chandelier Mfg. Co. ("Denzer"), 216 S. Jefferson
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon
Central Chandelier Co., 1547 Fulton
Chicago General Fixture Co., 19 E Lake
Cook & Corswandt, 20 E Lake
Co-operative Electric Supply House, 314 S Canal.
Debs Chas. H. Co., 170 W Randolph
Decorators' Supply Co. (Composition), Archer av & Leo, Chicago, Ill.
Edwards Lighting Fixture Co., 20 E Lake
Englewood Chandelier Works, 628 E 63d
Everson C. G. & Co., 70 W Lake
Framburg H. A. & Co., 24 S Clinton
Garden City Chandelier Co., 552 W Jackson blvd
General Lighting Fixture Co., 28 W Lake
Harter Mfg. Co. ("Nitrolites," "Deluxlites," Indirect, "Semi-Indirect"), 521 S Clinton
Herwig Art Shade & Lamp Co. ("Ventilate" Nitrogen Lamp & Ornamental, Cast Metal Out Door Lighting), 2140 N Halsted, Chicago, Ill.
See adv index at end of book

HERWIG ART SHADE & LAMP CO.
Manufacturers of
Cast Metal Outdoor Lighting Fixtures; also Commercial Factory and Garage Lighting Fixtures
2140 N. Halsted St. Chicago, Ill.

Hovorka John D., 3509 W 12th
Jacobs C. B., 5241 W Chicago av
Kapsa Rudolph, 2320 S Kedzie av
Metallic Mfg. Co., 544 W 35th
Moran & Hastings Mfg. Co., 18 W Washington
Moran & Macnair, 72 W Lake
National X Ray Reflector Co., 233 W Jackson blvd
PAINE COMPANY, THE (Hangers for Outlet Boxes & Fixtures), 1742 W Van Buren
See adv index at end of book
Pattison J. L. & Co., 552 W Jackson blvd
Pearlman Victor S. & Co., 533 S. Wabash av
Peerless Light Co., 663 W Washington blvd
Peters H. J. Co., 324 W Superior
South Side Chandelier Co., 5852 S Halsted
Warren Walter G. & Co., 1401 W Jackson blvd
Williamson R. & Co., 601 Washington
Wilmarth T. W. Co., 324 W Superior
Wilson & Wilk Co., 1540 Milwaukee av
Wingrane & MacNaughton Co., 117 N Wabash av
DECATUR—Farles Mfg. Co. (Adustable)
ELGIN—Elgin Brass & Electrical Mfg. Co.
PEORIA—Peoria Electric Fixture Co.
ROCK ISLAND—Franks Mfg. Co. ("Pianolite")
ST. CHARLES—Crown Electrical Mfg. Co.
St. Charles Fixture Mfg. Co.
SPRINGFIELD—Haas R. Electric & Mfg. Co. (Combination Fixtures)

INDIANA.

BLUFFTON—Brown W. B. & Co. (Wood)
INDIANAPOLIS—Golstein Bros.
Henricks Magneto & Electric Co., 237 St. Paul
MUNCIE—Rutherford Bros. Co.
TERRE HAUTE—Terre Haute Gas Fixture Co.

IOWA.

DES MOINES—Superior Fixture Co.
MUSCATINE—Niver Iron Works Co.

KENTUCKY.

Wood Harry L. Co.

MARYLAND.

BALTIMORE—Baltimore Gas Light Co., 307 W Redwood
Butler Victor K. Co., Charles & Centre
Fisher & Rohleder, 219 W Saratoga
Good & Craft, 514 N Eutaw
Hill Walter E. & Co., 203 N Liberty
Kries Michael A., 303 W Lombard
Walther Geo. W. & Co., 712 N Norwood

MASSACHUSETTS.

BOSTON—Bigelow, Kennard & Co., 511 Washington
Cambridge Brass Co., 50 Sudbury
Cryptofil Chain Co., 140 Boylston
Finch J. H. Co., 24 Beach
Ireland Robt. D. & Co., 278 Boylston
McKenney & Waterbury Co., 181 Franklin
New England Brass & Fixture Co., 47 Summer
Pettingell-Andrews Co. ("Execuplor," Electric), 166 Pearl
Shreve, Crump & Low Co., 147 Tremont
Tarbell E. H. Co., 15 Washington
Wheeler Reflector Co. (Electric), 158 Pearl
NEW BEDFORD—Pairpoint Corporation
SOMERVILLE—Forg Peter Mfg. Co. (Electric)
WORCESTER—White O. C. Co.

MICHIGAN.

COLDWATER—Champion Brass Works
DETROIT—Barnes Geo. H., 79 B'way
Detroit Gas & Electric Fixture Co., 68 W Gd River av
Detroit Lighting Fixture Co., 222 Jeff av E
Miller Light & Fixture Co., 815 Gratiot av
Netting C. J. Co., 71 B'way
Walker H. L. Co., 185 Jefferson av
GRAND RAPIDS—Weatherley Co.
KALAMAZOO—Ideal Gas Light Co.
LANSING—Allen-Sparks Gas Light Co.

MINNESOTA.

MINNEAPOLIS—Andresen Jacob Co., 314 S 4th
Minneapolis Gas Fixture Co., 814 Hennepin av
Twentieth Century Brass Works, Fifth av, S W
ST. PAUL—Minnesota Chandelier Co. 369 Jackson

MISSOURI.

KANSAS CITY—Bailey-Reynolds Chandelier Co.
Stephens Gas Electric Chandelier Co.
ST. LOUIS—Gross Chandelier Co., 1107 Locust av
Kraushaar Brass Mfg. Co., 919 Pine
Luminous Unit Co. ("Brascolite" "Aglite" "Industrolite" "E-Lite"), Jefferson & Washington av
Reflectoyle Co., 914 S. Pine, Dept H
St. Louis Brass Mfg. Co., Jefferson & Washington av

NEBRASKA.

OMAHA—Burgess-Granden Co.

NEW JERSEY.

BLOOMFIELD—Baylis Co.
BRIDGETON—Bridgeton Chandelier Co.
Crescent Art Metal Co.
HOBOKEN—Lutz Alois M.
JERSEY CITY—Gothberg H. & E., 139 Cator av
N. Y. & N. J. Chandelier Co., 513 Paterson Plank rd
NEWARK—Davidson Chas., 37 Rankin
Jaehling Gas Fixtures Co., 221 13th av
Penn H. M. Co., 306 Washington
Storsberg Fritz Co., 20 Atlantic
United States Gas Fixtures Co., 262 Washington
TRENTON—Trenton Gas & Elec. Fixture Mfg. Co.

NEW YORK.

BUFFALO—Art Gas & Electric Fixture Co., 329 Elmwood av
JAMESTOWN—Ellison Brass Mfg. Co.

NEW YORK CITY.

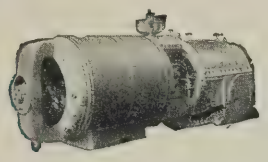
Borough of Brooklyn

BROOKLYN—Bayley & Son, 105 Vanderveer

On these pages are shown products representing some of the many lines built by the General Electric Company. Throughout this index references to G-E products will be found which include practically every appliance used in the generation, transmission, distribution and utilization of electrical energy.

CURTIS STEAM TURBINES

The Curtis steam turbine as manufactured by the General Electric Company gives reliable service and a low cost of operation. Built in sizes of 10 kw. upward for d-c. gen-

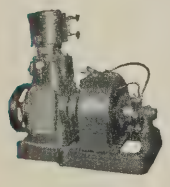


erators and 100 kw. upward for a-c. generators. A special form of this turbine is widely used for driving centrifugal pumps, blowers and like apparatus.

AUTOMATIC STATION EQUIPMENT

G-E automatic switching equipment offers an opportunity for new economies in the generation, control and distribution of electrical energy. More than 100 automatic stations are now operating. They show automatic switching equipment to be successful in such applications as the control of synchronous converters, motor generator sets, synchronous condensers, hydroelectric generators and battery charging sets. Bulletins 47730 and 40604 give further information.

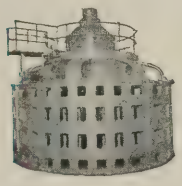
ENGINE DRIVEN GENERATING SETS



Direct-connected steam engine driven sets designed to meet the severe conditions of marine work. Used also for small power plants and for lighting construction operations requiring 72 kw. or less. Light, compact and durable. Built with either a-c. or d-c. generators. Bulletin 42300.

ELECTRIC GENERATORS

Belt driven generators in capacities from a fraction of a horse power to 300 kw., standard voltages. G-E waterwheel driven units range from 30 kv-a. to 40,000 kv-a. Bulletin 40600 gives information on 30 to 625 kv-a. sizes. Also generators for connection to steam engines. Bulletin 60011 describes the d-c. units, 25 to 400 kw. Write the nearest G-E office for other information.



SWITCHBOARDS

G-E switchboards are built for all systems of electrical distribution. Safety enclosed switchboards, removable truck, dead front



and draw-out types, have been developed to provide safety to life, reduce fire risk and give greater continuity of service. Standard unit panels are designed for assembly in different combinations to form a complete board. Bulletin 47001A.

FLOW METERS

G-E flow meters measure accurately the flow of steam, water, air, gas or oil through pipes. Made indicating, recording and integrating; all three types are also combined in one meter. Described fully in Bulletin 46501C. Send for Booklet B3464, "A Guide to Boiler Economy."



ELECTRICAL INSTRUMENTS

A complete line of indicating and recording instruments. Switchboard meters, round and horizontal edgewise pattern; frequency, power-factor and synchronism indicators; etc. Portable voltmeters, ammeters and wattmeters. Bulletins available on different types.

OIL CIRCUIT BREAKERS

The General Electric Company has on the market complete lines of oil circuit breakers to meet a great variety of service requirements. They are liberally designed and strong in construction. Made in sizes from the smaller industrial types, as shown, up to 220,000-volt breakers for high tension systems.



AIR CIRCUIT BREAKERS



Circuit breakers for all kinds of railway, industrial and building service. Furnished mounted on G-E switchboards or may be purchased separately. They are approved and listed by the Underwriters' Laboratories, Inc., and will carry full loads continuously without exceeding the heating rules specified in the Standardization Rules of the A.I.E.E.

LEVER SWITCHES



The complete line of G-E lever switches is made to meet the requirement of the National Board of Fire Underwriters. Made single- or double-throw, one to four poles.

Safety enclosed lever switches, externally operated as shown, made from 30 to 600 amps. Group mounting of these switches, making an enclosed switchboard, provides ideal central control for a number of feeder circuits. Bulletin 67381A.

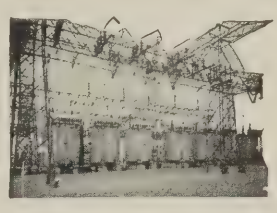
HEADLIGHT GENERATOR SETS

A 500-watt Curtis steam turbine generator set for steam locomotive headlight service. Used also for industrial applications such as lighting steam shovels, derricks, wrecking cranes, launches and tugboats. Made for two voltages and for operation on different boiler pressures depending on class of service. Bulletin 42014A.



TRANSFORMER SUBSTATIONS

A useful adjunct to the operation of transmission and distribution systems for taking power from a high tension line. Used even in severe climates. Possesses economic ad-



vantages over indoor substations which require considerable expenditure to house in the equipment. A large station with water-cooled transformers is shown. This company makes complete substation equipment, sold either assembled or separately for assembly by customer. Bulletin 47706-A

TRANSFORMERS

G-E power transformers of many thousand kv-a. capacity are now in successful service. Information on the distribution type, as shown, is given in Bulletin 45110A. Special transformers are made for bell ringing, sign lighting, insulating, X-ray apparatus, all-nite-lites, toy operation, etc. Also constant current transformers for street lighting—station type and pole type.



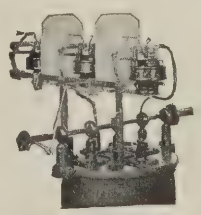
VOLTAGE REGULATORS



Generator voltage regulators, a-c. and d-c., designed for panel, bracket and pedestal mounting. Feeder voltage regulators, hand or motor controlled, for standard single-phase or polyphase circuits, for indoor and outdoor service and for pole mounting. Motor operated regulators can be made automatic by addition of certain auxiliaries. All types are described in Bulletin 45450, mailed on request.

LIGHTNING ARRESTERS

Arresters and choke coils for protection of all kinds of service: Aluminum cell and oxide film types for large a-c. stations, Bulletins 45601A and Y1441A; magnetic blowout and d-c. aluminum arresters for railways, Bulletin 44712; graded shunt resistance and compression chamber multigap arresters, Bulletin 45603A; vacuum tube arresters for signal circuits, Bulletin 45600A, and horn gap type, Bulletin 45602.



SYNCHRONOUS CONDENSERS

Synchronous condensers for power-factor correction and also for power-factor control. Standardized complete line described in Bulletin 41311. Partial list of G-E installations appear in Bulletin 41312.

General Electric Company

General Office Schenectady, N.Y.

Sales Offices in all large cities

STATIC CONDENSERS

G-E static condensers for improving power factor are especially advantageous for capacities of 500 kv-a. and below. They have low losses, require practically no attendance, and have long life due to absence of moving parts. Standardized for circuits ranging in frequency from 40 to 125 cycles, in voltage from 220 to 2300 volts, and in capacity from 30 to 300 kv-a. Bulletin 49714B.

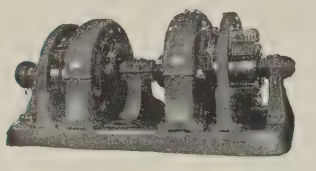


MERCURY ARC RECTIFIERS



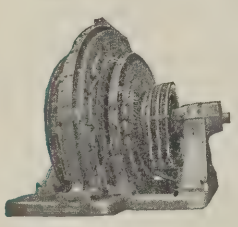
Series mercury arc rectifier sets for operation of series luminous arc lamps. Also mercury arc rectifiers for home or public garage battery charging, or for charging signal or telephone batteries, and for motion picture machine arc lamps. Furnished for single-phase and polyphase circuits of standard voltages.

MOTOR GENERATOR SETS



Sets made up of d-c., a-c., or both a-c. and d-c. machines, including arc welding, battery charging, balancer, booster and electrolytic sets, frequency converters and sets for railway lighting and exciter service. Bulletin 42552A.

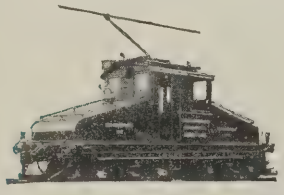
SYNCHRONOUS CONVERTERS



G-E synchronous converters are used extensively by railways, electric light and power plants, large industrial projects and electro-chemical operations. They are built up to 5300 kw. continuous capacity or larger sizes if desired. Bulletin 42500.

ELECTRIC LOCOMOTIVES

Locomotives for heavy main line freight and passenger service, switching duty, and mine and industrial haulage. Storage battery locomotives can be furnished to operate



also from a trolley if desired. Applications of G-E industrial electric locomotives in various industries are illustrated in Bulletin 44251. For particular information on any type address the nearest G-E sales office.

AIR BRAKE EQUIPMENTS

Equipments for all classes of electric railway service. Described in bulletins as follows: Straight air, Bulletin 44564; straight air with emergency feature, Bulletin 44555; variable release, Bulletin 44565; combined straight and automatic, Bulletin 44551.1.

ELECTRIC HEADLIGHTS

G-E electric headlights can be furnished for electric railways, both traction service and mining locomotives, and also for steam roads. The arc type is described in Bulletin A4061, incandescent type in Bulletin 43800. The mine locomotive headlights are built with special features necessary to give long life in this service.



RAILWAY LINE MATERIAL

A complete line of devices for overhead trolley systems and track return, including pole brackets, suspensions and ears of many types, strain and feeder insulators, splicing sleeves, trolley frogs and crossings, section switches and insulators, turn buckles, rail bonds, bonding tools, etc. Sherardizing is the standard finish. Bulletin 44004A.

RAILWAY SIGNAL ACCESSORIES

For railway signal work the General Electric Company makes lightning arresters, enameled resistor units and battery charging apparatus, and turbine generator sets for locomotive headlights, cab and car lighting. Address the nearest G-E sales office for information.

ELECTRIC MOTORS

The General Electric Company builds standard motors ranging in sizes from 1/200 h. p upward to several thousand horse power, also special types for special applications. Complete control equipment can be furnished with motors for any duty. When requesting information state service required. Descriptive bulletins available on many different types.



MOTOR CONTROL EQUIPMENT

All auxiliary equipment for control of motors—starting rheostats, speed regulators, controllers, automatic starters, compensators, solenoid brakes, safety switches, accessories for remote control, etc. Descriptive bulletins or other information available on request.

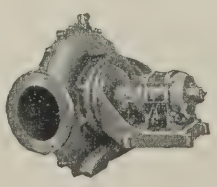
This company is prepared to make up equipment often desired automatic and to coordinate it to accomplish special purposes. An example is the Scherbius system of control for steel mill motors, which the General Electric Company has developed for regulating large induction motors above, as well as below, synchronous speed.

INSULATING MATERIALS

Materials developed from careful research made primarily to meet the requirements of G-E products are offered to others for general electrical repair work. Include varnishes, japans, oils, sealing compounds and paints. Bulletin 48704. Fabrics, including treated fibers, and papers, asbestos tape and treated cloths are described in Bulletin 48715.

CENTRIFUGAL COMPRESSORS

G-E centrifugal compressor or blower sets are induction motor or steam turbine driven. Designed for large volumes and low pressures. They are made in single-stage and multi-stage types in various sizes. For general description send for Bulletin 48609. Foundry applications described in Bulletin 42800; gas plants, Bulletin 48600; blast furnaces.

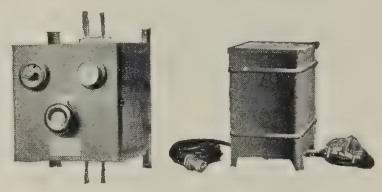


BATTERY CHARGING EQUIPMENT

All apparatus necessary for the operation of storage battery locomotives, industrial electric trucks and tractors, and other storage battery propelled vehicles — rectifiers of the Tungar and mercury arc types, motor generator outfits, including individual charging sets, starting and lighting battery charging sets and multiple battery charging sets, and switchboards for any number of charging circuits.

TUNGAR BATTERY CHARGERS

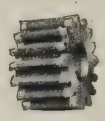
Tungar battery chargers, for operation from a-c., can be furnished for garage or private use. They are simple, light in weight



and self starting. Made in four sizes: 12 amp., 75 volts, Booklet B3585; 6 amp., 75 volts; 5 amp., 30 volts, Booklet B3529; 2 amp., 7.5 volts.

GEARS AND PINIONS

Because of their noiseless operation, long life and high tooth strength, Fabroil gears, which are made from cotton, are applicable to machine tools, traveling cranes, and other heavy machinery, as well as automobile timing gear trains. (Bulletins 48703A and 48711.)



Fabroil Gear

G-E steel railway motor gears and pinions are suitable for various classes of service. Described in Bulletin 44419.

This company manufactures herringbone gears for high-speed turbine or motor drive for both naval and merchant vessels, and also speed-reducing gears for driving electric machinery, pumps, etc., and gears for high-speed blowers and compressors.

ELECTRIC ROCK DRILLS

Fort Wayne electric rock drills are extensively used for tunneling, mining and quarrying. Operated by a fully enclosed splash proof motor. Power consumption is only 1½ to 2½ h. p. Can be mounted on tripod mining column, gadder post, shaft bar or quarry bar, and can be handled by two men. Bulletin 48902.



VENTILATING FANS



G-E exhaust fan outfits in 12½-in. to 48-in. sizes with a-c. or d-c. motors. Well adapted for ventilating shops, factories or office buildings and where it is desired to remove dust or smoke. Bulletin 41801.

RESISTANCE UNITS

This company builds grid, ribbon and resistance tube types of resistance units and resistors of various kinds used for industrial heating equipment and for use in motor control apparatus.

General Electric Company

General Office Schenectady, N.Y.

Sales Offices in all large cities

ELECTRIC FANS

G-E standard electric fans for use on a-c. or d-c. circuits are made oscillating or non-oscillating in 9-in., 12-in., and 16-in. sizes. The a-c. types are made for 110 or 220 volts, standard frequencies, Booklet B3596. Direct-current fans heavily enameled, with blades and cage thoroughly lacquered, are built specially for marine service. Furnished in non-oscillating types for any popular voltage.



ARC WELDING EQUIPMENT

Both single and multi operator equipments to be operated from any standard a-c. or d-c. circuit or by mechanical drive. Bulletin



48932A. Automatic welder to be used as a machine tool for building up surfaces, can be operated from the welding generators or any constant-voltage d-c. source of power. Booklet 3575. Also resistor type sets principally for electric railway work.

ARC FURNACE EQUIPMENT

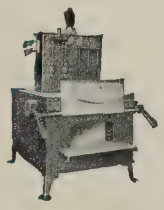
The General Electric Company makes an electric furnace with automatic control for melting non-ferrous metals and alloys and also electrical equipment for all types of electric arc furnaces. This equipment in-



cludes tilting and electrode motors, automatic electrode regulator panels, motor operated switches, voltage regulators, special cables, transformers and reactances, etc. Described in Bulletin 48710A.

ELECTRIC HEAT-TREATING FURNACES

The G-E electric muffle furnace is used for heat treating carbon steel, experimental purposes, etc. Described in Bulletin 69706. G-E electric heating equipment with automatic control has been developed for heat-treating furnaces using temperatures up to 1800 deg. F. Described in Bulletin 69705. Heat-treating problems should be referred to the Industrial Heating Specialists in the nearest G-E sales office.



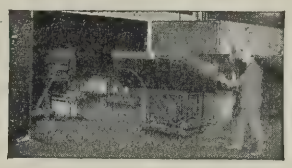
ELECTRIC GLUE POTS

G-E electric glue pots are being successfully used in wood shops, binderies, etc. Water-jacketed type for quick heating on intermittent service. Jacketless type for continuous duty. Furnished with connection plug and cord for attaching to lamp socket. Bulletin 69100.



ELECTRIC OVEN EQUIPMENT

Electrically heated baking and drying ovens are efficient, clean and easy to operate and they reduce fire hazard. Described in



Bulletin 48709. G-E electric oven heaters are made for wall, floor, and either wall or floor mounting. Hand or automatic control panels for d-c. or a-c., three-phase or single-phase can be furnished. Bulletin 48012A.

G-E PYROTIP

An electric lead burner which facilitates storage battery repairs, removing connections, renewing posts, etc., also for almost any form of soldering work especially in out-of-the-way places. Operates from the ordinary 110-volt a-c. circuit and requires about the same amount of current as a flat-iron. Several points of advantage are given in Booklet B3586, mailed on request.

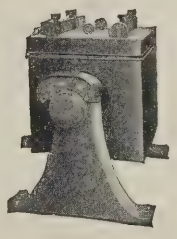


ELECTRIC RIVET HEATERS



Electric rivet heaters are efficient, portable and self-contained. They eliminate fuel waste, smoke and gases and reduce fire hazard—disadvantages of the old methods of heating. The G-E rivet heater can be used on any commercial a-c. voltage, standard frequencies.

ELECTRIC SHERARDIZING MACHINES



Electric sherardizing—heating in the presence of zinc—renders metal non-corrosive. Articles so coated may be bent, swaged or otherwise deformed at ordinary room temperature without injury to the coating. Send for Bulletin 48926 for further information regarding this process.

ELECTRIC SOLDERING APPARATUS

G-E soldering irons are made in various sizes. Booklet 3571. For moderate and



heavy duty work using soldering copper the G-E soldering iron furnace is desirable. Made for 110 and 220 volts. Described in Bulletin 69702.

WIRING DEVICES

There are 3000 different G-E wiring devices to meet every wiring requirement. Only material of the highest grade is used in manufacture. G-E Specialties Catalogue Y-1270 gives information on the complete line.

WIRES AND CABLES



G-E wires and cables are submitted to a thorough pressure and insulation test before shipment. Made with protection for marine, mine, or other service. A standard line of cable connecting devices is also manufactured. General information is given in Bulletin 49305.

ELECTRIC LAMPS



The General Electric Company manufactures a complete line of incandescent and arc lamps which meet the needs of street, industrial, store and home lighting. Special lamps to withstand vibration and for headlights and decorative uses.

FLOODLIGHT PROJECTORS



These are successfully used for lighting arsenals, building fronts, docks, freight handling at terminals, factory exteriors, quarries, railroad yards, men on patrol duty, playgrounds, etc. Further information on G-E types given in Bulletin 43850B.

ELECTRIC SEARCHLIGHTS



G-E searchlights, suitable for night work in mines, railroad yards, construction work and for marine use, are made in two types: 1000-watt, 18-inch incandescent lamp and the arc lamp type made in 9-in. to 60-in. sizes. Arranged for pilot house, hand, rope and electrical control. Bulletin 43856A gives detailed information.

LIGHTING FIXTURES





G-E Novalux units are designed for use with the MAZDA lamp. The pendent type is particularly suited for illumination of streets, large interiors and exteriors. Ornamental units are made for all standard lighting units and all candle-powers. Further information is given in Bulletin 43503B.

LABORATORY PRODUCTS

Various devices and substances have been developed in the interest of science and industry by the Research Laboratories of the General Electric Company. They are offered for sale as they may prove to be of value to investigators. Some of these are "Genelite," a self-lubricated metal for light duty bearing purposes; Water Japan, non-inflammable; Kenotrons, high voltage d-c. rectifiers; Boroflux, a deoxidizer; high-vacuum pumps.

General Electric Company

General Office Schenectady, N.Y.

Sales Offices in all large cities

List of G-E Factories

Connecticut
Bridgeport — Windsor

Indiana
Ft. Wayne

Maryland
Baltimore

Massachusetts
East Boston — Everett
Gloucester — Hudson
Lynn — Pittsfield
Taunton — West Lynn

Missouri
St. Louis

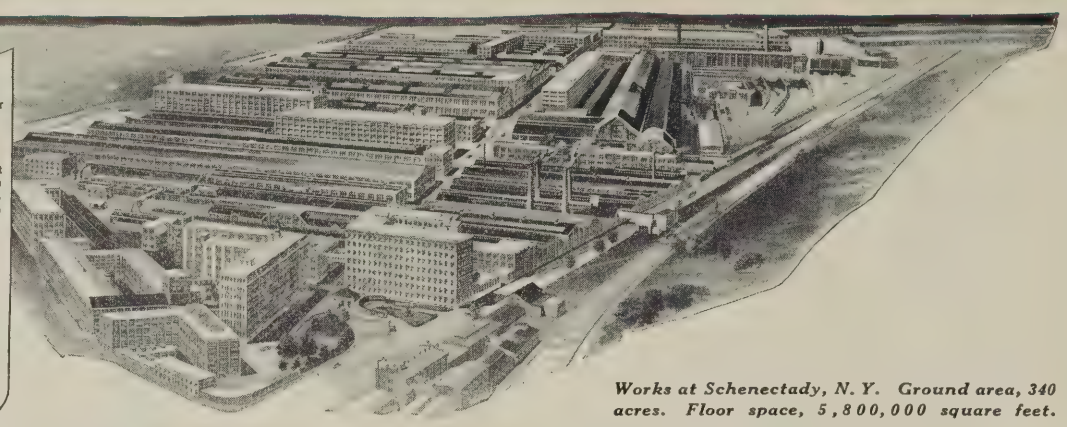
New Jersey
Ampere — Belleville
Harrison — Newark
Roselle Park

New York
New York City — Rochester
Schenectady

Ohio
Cleveland — Sandusky

Pennsylvania
Erie — Philadelphia

Rhode Island
Providence



Works at Schenectady, N. Y. Ground area, 340 acres. Floor space, 5,800,000 square feet.

Where to Get G-E Service—

Quick service is best obtained from the nearest G-E sales office, distributing jobber, or foreign representative

Business in the United States

G-E Sales Office	G-E Distributing Jobber
Alabama, Birmingham	Matthews Elec. Supply Co.
Arkansas, Little Rock	
California, Los Angeles†‡	Pacific States Electric Co.
California, Oakland‡	Pacific States Electric Co.
California, San Francisco§†	Pacific States Electric Co.
Colorado, Denver†	The Hendrie & Bolthoff Mfg. & Sup. Co.
Connecticut, Hartford	
Connecticut, New Haven	
Connecticut, Waterbury‡	New England Eng. Co.
District of Columbia, Washington	National Elec'l Supply Co.
Florida, Jacksonville	Florida Elec. Supply Co.
Florida, Tampa‡	Florida Elec. Supply Co.
Georgia, Atlanta§†	Carter Electric Company
Georgia, Savannah‡	Carter Electric Company
Illinois, Chicago§†	Central Electric Company Commonwealth Edison Co.
Indiana, Fort Wayne	
Indiana, Indianapolis	Indianapolis Elec. Supply Co.
Indiana, South Bend‡	South Bend Electric Co.
Indiana, Terre Haute	
Iowa, Des Moines	Mid-West Electric Co.
Kentucky, Louisville	Belknap Hardware & Manufacturing Co., Inc.
Louisiana, New Orleans	Gulf States Electric Co., Inc.
Maryland, Baltimore	Southern Electric Co.
Massachusetts Boston†	Pettingell-Andrews Co.
Massachusetts, Springfield	
Massachusetts, Worcester	
Michigan, Detroit	Frank C. Teal Company
Michigan, Grand Rapids	
Michigan, Jackson	
Minnesota, Duluth	Northwestern Electric Equipment Company
Minnesota, Minneapolis†	Peerless Electrical Co.
Minnesota, St. Paul‡	Northwestern Elec. Equip. Co.
Missouri, Joplin†	
Missouri, Kansas City†	The B-R Electric Co.
Missouri, St. Louis§†	Wesco Supply Company
Montana, Butte†	Butte Electric Supply Co.
Nebraska, Omaha	Mid-West Electric Co.
New Jersey, Newark	Tri-City Electric Co., Inc.
New Jersey, Trenton	
New York, Albany†‡	Havens Electric Co., Inc.
New York, Buffalo	Robertson-Cataract Elec. Co.
New York, Elmira	
New York City§†	E. B. Latham & Company Royal Eastern Elec'l Sup. Co. (Also Borough of Brooklyn and Jamaica, L. I.) Sibley-Pitman Elec. Corp.
New York, Niagara Falls	
New York, Rochester	Wheeler-Green Elec'l Sup. Co.
New York, Schenectady	
New York, Syracuse	Mohawk Elec'l Sup. Co.
North Carolina, Charlotte	Elec. Supply & Equipment Co.
Ohio, Cincinnati†	The F. D. Lawrence Elec. Co.
Ohio, Cleveland	Republic Electric Co.
Ohio, Columbus	The Erner & Hopkins Co.
Ohio, Dayton	The Wm. Hall Electric Co.
Ohio, Toledo	W. G. Nagel Electric Co.
Ohio, Youngstown	
Oklahoma, Oklahoma City†	Southwest G-E Co.
Oregon, Portland†	Pacific States Electric Co.
Pennsylvania, Erie	
Pennsylvania, Philadelphia§†	Philadelphia Electric Company Supply Department
Pennsylvania, Pittsburgh†	Union Electric Company
Rhode Island, Providence	
South Carolina, Columbia ‡	Perry-Mann Elec. Co., Inc.
Tennessee, Chattanooga	James Supply Company
Tennessee, Knoxville	
Tennessee, Memphis	Electric Supply Company
Tennessee, Nashville	
Texas, Dallas†	Southwest G-E Co.
Texas, El Paso†	Southwest G-E Co.
Texas, Houston†	Southwest G-E Co.
Utah, Salt Lake City†	Capital Electric Company
Virginia, Richmond	Southern Electric Company
Washington, Seattle†	Pacific States Electric Co.
Washington, Spokane	Pacific States Electric Co.
Washington, Tacoma	
West Virginia, Bluefield	
West Virginia, Charleston	
Wisconsin, Milwaukee	
For Hawaiian business address Catton, Neill & Company, Ltd., Honolulu	

‡No G-E Office — †Warehouse. — §Service Shop.

Distributors for the General Electric Company Outside of the United States

INTERNATIONAL GENERAL ELECTRIC COMPANY, INC.

120 Broadway, New York, N. Y. Schenectady, N. Y. 83 Cannon Street, London

Foreign Offices and Representatives

Argentina: General Electric, S. A., Buenos Aires.
Australia: Australian General Electric Co., Ltd., Sydney and Melbourne.
Belgium and Colonies: Societe d'Electricite et de Mecanique Procedes Thomson-Houston & Carels Societe Anonyme, Brussels.
Bolivia: International Machinery Co., La Paz and Oruro.
Brazil: General Electric, S. A., Rio de Janeiro and Sao Paulo.
Canada: Canadian Genera Electric Co., Ltd., Toronto.
Chile: International Machinery Company, Santiago, Antofagasta and Valparaiso.
China: Andersen, Meyer & Company, Ltd., Shanghai; International General Electric Co, Inc.,(General representatives of the Far East, excluding China and Japan) Shanghai.
Colombia: Wesselhoeft & Poor, Medellin, Barranquilla and Bogota.
Cuba: General Electric Company of Cuba, Havana.
Dutch East Indies: International General Electric Co., Inc., Soerabaia, Java.
Ecuador: Carlos Cordovez, Guayaquil and Quito.
Egypt: British Thomson-Houston Co., Ltd., Cairo.
France and Colonies: Compagnie Francaise Thomson-Houston, Paris.
Great Britain and Ireland: BritishThomson-Houston Co., Ltd., Rugby; International General Electric Co., Inc., London.
Greece and Colonies: Compagnie Francaise Thomson-Houston, Paris, France.
India: British Thomson-Houston Co., Ltd., Calcutta and Bombay; International General Electric Company, Inc., Calcutta.
Italy and Colonies: Franco Tosi Societa Anonima, Milan.
Japan: Shibaura Engineering Works, Tokyo; Tokyo Electric Co., Ltd., Kawasaki.
Mexico: Mexican General Electric Co., City of Mexico and Guadalajara.
New Zealand: National Electrical & Engineering Co., Ltd., Auckland, Dunedin, Christchurch, and Wellington.
Paraguay: General Electric, S. A., Buenos Aires, Argentina.
Peru: W. R. Grace & Co., Lima.
Philippine Islands: Pacific Commercial Company, Manila.
Porto Rico: International General Electric Co., Inc., San Juan.
Portugal and Colonies: Compagnie Francaise Thomson-Houston, Paris, France.
Russia: Wseobshtchala Electricheskaia Kompania, Petrograd and Vladivostok.
South Africa: South African General Electric Co., Ltd., Johannesburg and Cape Town.
Spain and Colonies: Compagnie Francaise Thomson-Houston Madrid, Spain.
Uruguay: General Electric, S. A., Montevideo.
Venezuela: Wesselhoeft & Poor, Caracas.

95-895

General Electric Company

General Office Schenectady, N.Y.

Sales Offices in all large cities

Daru & Huffman, 18 Bergen
Findlay Robert Mfg. Co., 28 Warren, New York
Gaites, Peace & Co., 204 Willoughby
Hudson Brass Works, 16 Nassau
Luckett Frederick, 266 State
May Sylvester, 98 Schermerhorn
Nichols Gas Fixture Mfg. Co., 1100 Myrtle av
Reliance Metal Spinning & Stamping Co., Inc., 160 John
Walbroehl & Co., 3204 Jamaica av
White J. H. Mfg. Co., 111 N 3d

Boroughs of Manhattan and Bronx.

NEW YORK—Acme Gas & Electric Fixture Co., 132 W 14th
Albert Fixture Co., 707 3d av
Almar Mfg. Co. (Wood), 47 W 34th
Americolite Co., 101 Park av
Archer & Pancoast Co., 507 W 24th
Armor Bronze Co., 236 5th av
Baeder J. L., 2849 Webster av
Bagues Freres Co., 705 5th av
Black & Boyd Mfg. Co., 432 E 23d
Blatt S. & Co., 49 Elizabeth
Bradley & Hubbard Mfg. Co., 200 5th av
Brassart Fixture Co., 20 Warren
Butensky I., 342 Bowery
Caldwell Edw. F. & Co., 38 W 15th
Cassidy Co., Inc. ("Glo-Lite"), 101 Park av
Central Chandelier Co., 224 Centre
Colonial Chandelier Works, 122 Centre
Columbia Gas & Electric Fixture Co., 182 Grand
Cory Chas. & Son, 290 Hudson
Dale Lighting Fixture Co., 107 W 13th
Eclipse Light Co., 583 B'way
Eisenberg M. & Son, 165 Grand
Empire Brass Co., 329 E 26th
Empire Lighting Fixture Co., 224 Centre
Falkenbach Mfg. Co. (Woodfibre), 159 E 54th
Freeman Philip & Bros., 92 Bowery
Goodfarb Chas., 219 Grand
Hasbrouck-Bergen Co., 223 E 38th
Heather R. C. Co., 19 W 36th
Home Light Co. of America (Wooden Samples for Home Use), 1955 Park av
Ideal Gas & Electric Fixture Co., 433 B'way
Knickerbocker Chandelier & Electrical Supply Co., 325 W 42d
Leveridge Chas. W. ("L. & L." Electric Show Case), 133 Liberty
Lightolier Co., 569 B'way, New York
Localized Lighting Corp. ("Anderson" "Self-adjusting, Wall and Ceiling, Bench, and Floor Holders), 540H W. 58th
McCoy J. B. & Son, 114 W 30th
McFaddin H. G. & Co., 38 Warren
Miller Edw. & Co., 68 Park pl
Mitchell Vance Co., 507 W 24th
Municipal Lighting Co., 120 E 15th
Ornamental Art Metal Works, 50 Church
Paragon Electric Co. (Jobbers), 529 E 5th
Pellegrini A. & Co., 155 W 29th
Plaut L. & Co. (For the Trade Only), 432 E 23d
Reading Hardware Co. (Chandeliers), 50 Franklin
Rosenbaum & Philips, 204 W Houston
Shapiro & Aronson, 20 Warren
Silvestro C., 4149 Park av
Simes Co., 22 W 15th
Sterling Bronze Co., 16 E 40th
Tiffany Studios, 361 Madison av
Tuck A. J., 329 E 26th
Union Gas Fixture Co., 361 W 42d
Wahle-Phillips Co, 101 Park av
Walsh Owen Mfg. Co., 525 W 26th
Wilson J. G. Corp. (Mill, Office & Restaurant), 8 W 40th
See adv index at end of book
Wrought Iron & Art Glass Fixture Co., 6 Howard
Wyle J. J. & Bros., Inc. (Cut Glass Chandeliers), 25 E 27th

(End of New York City)

TROY—Hinsdill Electric Co. (Electric Individual for Sewing Machine Tables)
UTICA—Seneca Brass & Plating Works
Utica Brass Works

OHIO.

CINCINNATI — Cincinnati Artistic Wrought Iron Co., 2941 Eastern av
Davidson J. W. & Co., 629 Main
National Plastic Relief Co., 330 Main
Ohio Gas & Electric Fixture Co.
Peoples Gas Fixture Co., 6th & Main
CLEVELAND—Art Metal Mfg. Co., E 61st & Curtis av
Brookins Co., 1747 Euclid av
Central Gas & Electric Fixture Mfg. Co., 805 Vincent av N E
Cleveland Chandelier & Mfg. Co., 1522 Brownell court
Collins Clarence H. Co., 4404 Euclid
Crescent Brass Products Co., 8410H Lake av
Euclid Av. Electric Fixture Co., 5213 Euclid av
Kayline Fixture Co., 312 High av
Metropolitan Gas & Electric Fixture Co., 1767 E 55th
Modern Electric Co., 5317 Euclid av
Morreau Co., 1303 Oregon av N E
Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d
Scott-Ullman Co., 3311 Perkins av, N E
COLUMBUS—Cussins Charles D. Co. (Dealers), 170 N 3d
Federal Mfg. Co., 168 W Long
SPRINGFIELD—Springfield Gas Fixture Co.
TOLEDO—Toledo Chandelier Co., 129 Huron
Riddle Ed. N. Co., 611 St. Clair
Willys Light Div. Electric Auto-Lite Corp. ("Willys Light")
TROY—American Fixture & Mfg. Co.
Metallic Novelty Co.
URBANA—Mohrlite Co.
VERMILION—Wakefield F. W. Brass Co.

PENNSYLVANIA.

ALLENTOWN—Royal Chandelier Works
BRIDGEVILLE—Frederick-Elder Co.
EAST PITTSBURGH—WESTINGHOUSE ELECTRIC & MFG. CO. (Electric Only)
See adv index at end of book
PHILADELPHIA—American Gas Fixture Works, 1235 Filbert
Biddle-Gaumer Co., 3846 Lancaster av
Branagan James M., 537 W Erie
Brown F. P., 45 N 6th
Cherry Chandelier Co., 827 Spring Garden av
Colonial Mfg. Co., Alleghany & A.
Frankford Gas Fixture Co., 4270 Frankford
Grell Jacob W, 812 Noble
Heller C. B., 622 Arch
Horn & Brannen Mfg. Co., 427 N Broad
Klause Jos. P., 11th & Ridge
Lloyd-Garrett Co., 15th & Locust
Novelty Gas & Elec. Fixture Co. 5th & Green
Sulzer & Co., 252 N 11th
Voight Co. (Composition), 1743-1749 N 12th
PITTSBURGH—Pittsburgh Gas & Electric Fixture Co., 428 Penn
Pittsburgh Lamp Brass & Glass Co. (Indirect), 130 7th
READING—Keystone Gas Fixture Works
Reading Chandelier Works
WILKES BARRE—Shepherd & Rust

RHODE ISLAND.

PROVIDENCE—Law & Hawhurst, 164 Pine
Providence Gas & Electric Fixture Co., 9 Fenner

WISCONSIN.

MILWAUKEE—Franke H. E., 421 B'way
Grassler & Gezelschap (Gas), 214 3rd
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac av
Massino J. Mfg. Co., 137 Holton
Polackeck Chas. & Bro. Co., 217 3rd
WATERTOWN—Brandt-Dent Co.

4221—Electric & Gas Light Portables

See also Electric & Gas Light Fixture Mfrs.; also Portables Electric
Amboy Works, Perth Amboy, N. J.
Boston Brass Andiron Co. (Electric), 104 Utica, Boston, Mass.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Farber S. W. (also Showers & Domes), 147 S 5th, Brooklyn, N. Y.
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Forg Peter Mfg. Co. (Electric Industrial Adjustable), Somerville, Mass.
Kraushaar Brass Mfg. Co. (Adjustable, also Newels or Portables), 919 Pine, St. Louis, Mo.
Miller Edw. & Co., Meriden, Conn.
Parker Chas. Co., Meriden, Conn.
Quaker City Brass Works, 336 N 3d, Phila., Pa.
Rubes Electric Devices, 255 Classon av, Brooklyn, N. Y.
Voight Co. (& Floor), 1743-1749 N 12th, Phila., Pa.

4222—Electrical Engineers & Contractors

Androphy Electric Co., Derby, Conn.
Axtell Lewis D., Springdale, Conn.
B. & C. Electric Co., 207 Merc pl, Los Angeles, Cal.
Bay Electric Co., Oakland, Cal.
Berks Engineering Co., Reading, Pa.
Binder Elevator & Electric Co., Birmingham, Ala.
Blumenthal-Kahn Elec. Co., 505H Eutaw, Baltimore, Md.
Braun Wm. & Co., 30 Church, New York
Burchard, Wm. A. Co., Inc., 56-60 Commerce, Norfolk, Va.
Burkhart E. F., Palo Alto, Cal.
Cable Howard E., Darien, Conn.
Carroll Michael A., Waterbury, Conn.
Commercial Engng. Co., 618H Clift bldg, Salt Lake City, Utah
Cook A. E. & Co., Meriden, Conn.
Crescent Electric Co., 511H W. Jackson blvd, Chicago, Ill.
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Crowder H. N. Jr. Co., Easton, Pa.
Cullen Frederick M., Norwalk, Conn.
Cunningham G. F., San Diego, Cal.
Davis C. L., Whittier, Cal.
E. J. Electric Installation Co., 221H W. 33rd, New York
Emery Chas. W., Greenwich, Conn.
Faser Bros., San Jose, Cal.
Fisher John S., Danbury, Conn.
Folts H. C., Pasadena, Cal.
Gale Elec. Co., Bridgeport, Conn.
Golden St. Electric Co., 748 W 7th, Los Angeles, Cal.
Gonnerman A. W., 336 S Broadway, Los Angeles, Cal.
Goold & Johns, Stockton, Cal.
Guzman A. J., Rockville, Conn.
Haskel J. H., Oakland, Cal.
Huntington & Guerry, Greenville, S. C.
Hutchinson P. F., Walnut Creek, Cal.
Illinois Testing Laboratories, 430 S Green, Chicago, Ill.
Ives Raymond H., Fairfield, Conn.
Jackson Harold N., Monrovia, Cal.
Johns Engineering Co., 625 Champlain av, Cleveland, O. *See adv index at end of book*
Lansing Elec. Engng. Co., 123H E. Ottawa, Lansing, Mich.
Lapides & Keilison, New Haven, Conn.
Livingston J. & Co., Inc., Grand Central Terminal, New York
McConnell Wm. H., Monterey, Cal.
McNally W. A. & Co., Pasadena, Cal.
Macon Jr. Co., Easton, Pa.
Marshall Thos. F., Hollywood, Cal.
Mill & Mine Engngs., Inc., Birmingham Ala.
Miller & Chittim, Norwalk, Conn.
Mills Harry C., Unionville, Conn.
Mitchell J. L., Oxnard, Cal.
Mongerson Wm. R., Bakersfield, Cal.
Murphy J. E., Bristol, Conn.
Motter's, Geo. F. & Sons, York, Pa.
Ne Page-McKenny & Co., Armour bldg, Seattle, Wash.
Neller, Rich & Co., Manhatten bldg, Chicago, Ill.
Olsen & Morse, Norwich, Conn.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.
Patzer Arthur J., Stockton, Cal.
Peter T. A., East San Diego, Cal.
Petrillo Rocco S., New Haven, Conn.
Priest Geo. L., Oakland, Cal.
Reynolds L. W., Wallingford, Conn.
Risley G. E., Stamford, Conn.
Ritch Justus B., Greenwich, Conn.
Schaller Bros., Torrington, Conn.
Smith G. J. Jr., Milford, Conn.
Smith Raymond, Hazardville, Conn.
Sommers Frank J., San Jose, Cal.
Stevens-Fitch Co., New Haven, Conn.
Stewart Thos. A. Co., Hartford, Conn.
Thye M. P. & Co., 225 E 2nd st, Los Angeles, Cal.
Truswell W. & Sons, 16 Cedar, New York
Tucker Elec. Const. Co., 114 W 30th, New York
Wagner, Gilbert A., Stafford Spring, Conn.
Ward Leland A., Naugatuck, Conn.
West Geo. W., Grass Valley, Cal.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4223—Electrical Parts & Fittings (Stamped)

Alpha Elect. Co. (Jobbers), 116-18 W 29th, New York
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4224—Electrically Welded Fabrics

WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

4225—Electro Chemical Apparatus

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4225a—Electroliers (Iron & Bronze)

See also Electric & Gas Light Fixtures
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Stevens Frederic B., Detroit, Mich.
See adv index at end of book

FREDERIC B. STEVENS
Manufacturer
Foundry Facings and Supplies
Buffing Compositions and Platers' Supplies
Importer of Plumbago
Corner Larned and Third Sts.
DETROIT, MICH.
All Telephones Main 2470

4226— Electro Plating

American Nickeloid Co. (also Buffing & Polishing), Peru, Ill.
Backus Corp. (& Polishing), Brandon, Vt.
Bastian Bros. Co., Rochester, N. Y.
Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Boston Brass Co., 135 Bacon, Waltham, Mass. *See adv index at end of book*
Brand & Hermann, 247 Centre, New York
Burridge B. W., 461 Bush, San Francisco, Cal.
Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chelsea Electro Plating & Polishing Co., 247 Centre, New York
Cincinnati Mfg. Co., Cincinnati, O.
Cleveland Plating Co., 3610 Superior, Cleveland, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Consolidated Engineering Co., Jacksonville, Fla.
Cooke Jos. S., 20 Jacob, New York
Dalton John J., 20 Jacob, New York
Detroit Shipbuilding Co. (Brass Dept), ft. Orleans, Detroit, Mich.
Fowler Lamp & Mrg. Co. (All Finishes), 59 E 24th, Chicago, Ill.
Gem Stamped Steel Co. (also Buffing, Polishing), Chelsea, Mass.
Golden West Plating Wks., 131 Mission, San Francisco, Cal.
Gray Iron Fdry. Co. (of Castings), Reading, Pa.
Hague Walter E. & Son, Barker pl, Pittsburgh, Pa.
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Homan & Co. (Hollow Ware), Cincinnati, Ohio
Ingraham A. S. Co., Attleboro, Mass.
Jackson Wm. H. Co., 2 W 47th, New York
Johnson Bronze Co., New Castle, Pa.
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Megquier & Jones Co., Portland, Me.
Metal Crafters, East Stroudsburg, Pa.
Meyer Louis J., 804 Walnut, Phila., Pa.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
National Mfg. & Electro Plating Co. (Nickel & Silver), 16 Calender, Providence, R. I.
New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.
Newfield Silver Mfg. Co., Inc. (also Buffing & Polishing), Bridgeport, Conn.
Newell Mfg. Co. (Silver, Nickel & Brass), Ogdensburg, N. Y.
New Haven Plating & Novelty Co. (All Finishes), 31 Artezan, New Haven, Conn.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Nuss Mfg. Co., Harrisburg, Pa.
Pacific Brass & Hardware Mfg. Co., 1646 N Spring, Los Angeles, Cal.
Pullman Ventilator & Mfg. Co., York, Pa.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Rockford Metal Specialty Co., Rockford, Ill.
Royal Polishing Works, 255 Centre, New York
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Sessions J. H. & Son, Bristol, Conn.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Sievering, Philip, 406 Broome, New York
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smith & Johnson Mfg. Co., 2031 Elm, Cincinnati, O.
Spencer's, I. S. Sons, Inc., Guilford, Conn.
Standard Plating Wks., 446 N 12th, Phila., Pa.
Star Plating Works, 98 Broadway, Buffalo, N. Y.
Stecker Electric & Machine Co., 3 Dewey, Detroit, Mich.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Tillmann E., 197 Grand, New York
Totten F. E. & Sons, 97 Cliff, New York
Tuckers Plating Works, Rochester, N. Y.
Wisconsin Iron & Wire Works (All Metal Finishes), Milwaukee, Wis.

4227—Electro Plating (Bronze)

See also Electro Plating

Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Pullman Ventilator & Mfg. Co., York, Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

4228—Electro-Therapeutic Apparatus

Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Sanitarium Equipment Co., Battle Creek, Mich.
Ten Broeck & Huber, 214 E 23d, New York
Victor Elec. Corp., 236 S Robey, Chicago, Ill.
Waite & Bartlett Mfg. Co., 53 Jackson av, Long Island City

4229— Electrodes

Acheson Graphite Co. (Carbon Graphite), Niagara Falls, N. Y.
American Carbon & Battery Wks. of National Carbon Co., Inc. (Carbon), E. St. Louis, Mo.
American Platinum Works (Platinum), 231 N. J. R. R. av, Newark, N. J.
Anchor Electric Co., 557 W Jackson blvd, Chicago, Ill.
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Beckman & Linden Engng. Corp. (Carbon), Balboa bldg, San Francisco, Cal.
Bishop J. & Co. (Platinum), Malvern, Pa.
Blake & Johnson Co. (Spark Plug), 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Bunnell J. H. & Co. (Galvanic, Faradic, etc), 32 Park pl, New York
Chloride of Silver Dry Cell Battery Co. (Medical), 407 N Paca, Baltimore, Md.
Clark, Chas., Kinney bldg, Chicago, Ill.
Eimer & Amend (Platinum), 205 3d av, New York
Electro Arc Cutting & Welding Co., 222 Halsey, Newark, N. J.
McIntosh Battery & Optical Co. ("Kanthera," "Asbestos" Pad, "Physicians"), 217 N Desplaines, Chicago, Ill.
National Carbon Co. (Carbon, Any Size Up to 24 inch Cross Section), Madison av, N W, & W 117th, Cleveland, O.
Republican Carbon Co. (Carbon & Dry Battery), Niagara Falls, N. Y.
Star Electrode Wks. of Nat'l Carbon Co., Niagara Falls, N. Y.
Victor Elec. Corp. (Galvanic, Faradic & High Frequency for Therapy), 236 S Robey, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

4230—Electrogrip (Drop Light)

Yost Electric Mfg. Co. (For Suspended Lights & Cords), Toledo, O.

Electroliers

See Electric & Gas Light Fixture Mfrs.

4231—Electrolysis Prevention

Brown Harold P., 120 Liberty, New York

4232— Electrolyzers

Electro Chemical Co. (Self-Circulating Type for Laundries), Dayton, O.
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*

4233— Electrolyte

Atlas Powder Co., 140 N Broad, Phila., Pa. *See adv index at end of book*
Central Chemical Co., 115 W Washington, Chicago, Ill.
Grasselle Chemical Co., Guardian bldg, Cleveland, O
Kalbfleisch Corp, 31 Union sq, New York
Riverside Acid Works, Warren, Pa.
Western Chemical Mfg. Co., Denver, Colo.

4234— Electroscopes

Minerallac Electric Co., 1045 Washington bl., Chicago, Ill.

4235— Elevator Air Cushions

Biggen Charles P. Co., 1829 Harlin, Phila., Pa.

4236—Elevator Cars & Enclosures

See also Bronze, Architectural, etc; also Iron, Architectural, etc
Acme Fancy Wire Works, Dept. H, Canfield & Moran, Detroit, Mich.
BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chicago Wire, Iron & Brass Wks, 2411 Belmont, Chicago, Ill.
Cincinnati Mfg. Co., Cincinnati, O.
Columbus Wire & Iron Works Co., Columbus, O.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Gorham Co., Arch'l Bronze (Brass & Bronze), 5th av & 36th, New York
HANKE IRON & WIRE WORKS, 800 No. Albany av, Chicago, Ill. *See adv index at end of book*
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Howard & Morse (Enclosures), 45 Fulton, New York
Kamman Walter Mfg. Co., 3258 Spring Grove av, Cincinnati, O.
Michaels Art Bronze Co., Covington, Ky.
Perkins Mfg. Co. (Metal), University & Fairview avs, St. Paul, Minn. *See adv index at end of book*
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Van Doorn Co., Quincy, Ill.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wickwire Spencer Steel Corp. (All Metals & Finishes), Worcester, Mass. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

Elevator Casings (Fireproof)

See Casings, Steel Elevator

Elevator Door Locking Device

See Elevator Safety Locks

4237—Elevator Door Openers & Closers

Elevator Supplies Co. ("Norton"), Hoboken, N. J.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Reliance Grand Elevator Equipt Corp. ("Reliance"), 101 Madison av, New York
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Richards-Wilcox Mfg. Co., Aurora, Ill.

4238-9—Elevator Doors & Enclosures

Dahlstrom Metallic Door Co. (Hollow Metal Enclosures, Fire-proof, Glazed with Wire Glass or with Solid Panels; An Ideal Equipment in Fireproof Qualities in Ease of Operation, Durability and Beauty of Finish and Style), 413 Buffalo, Jamestown, N. Y.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Halsted Jos. Co., 1223 W Randolph, Chicago, Ill.
Reilly Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York

4240—Elevator Gates (Automatic)

See also Gates, Folding

Bardsley Bros. Co., 151 Baxter, New York
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Christiansen L., 254 Broad, Lynn, Mass.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Grote F. Mfg. Co., Evansville, Ind.
Houser Elevator Co., Syracuse, N. Y.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Kleenan L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Knickerbocker Elevator Gate Co., 116 West, New York
Lagerquist Gust. (& Half Automatic), 516 N 3d, Minneapolis, Minn.
Loewer John E. Wire & Iron Wks. Co., 914 Campbell, Kansas City, Mo.
Milmine H. B. & Co., Toledo, Ohio
Morrison Angus Co., 183 High, Boston, Mass.
Nock & Garside Elevator Co., Denver, Colo.
Norfolk Iron & Wire Works, Norfolk, Va.
Ohio Elevator & Machine Co. (& Half Automatic), Columbus, O.
Peelle Co. ("Peelle" Safety), Stewart av & Harrison pl, Brooklyn, N. Y.
Quincy Elevator Gate Co., Quincy, Ill.
Read Safety Gate Co., 418 N Paca av, Baltimore, Md.
Reedy H. J. Elevator Co. (Full Automatic), 15 W 2nd, Cincinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
Scranton Iron & Steel Co., Scranton, Pa.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3369 Ivanhoe, Cincinnati, O.
Shields J. H., 231-33 Sycamore, Cincinnati, Ohio
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*
Smyser, Royer Co., York, Pa.
Speidel John G. Reading, Pa. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York.
Storm Mfg. Co., 50 Vesey, Newark, N. J.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

4241-2—Elevator Gates & Guards (Folding)

See also Gates, Folding

Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Scranton Iron & Steel Co., Scranton, Pa.
Steelite Co., 1902 W 77th, Cleveland, O.

4243-4—Elevator Governors

Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Speidel John G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

4245— Elevator Repairs

See also firms marked thus † under the head of Elevators, Freight & Passenger
Otis Elevator Co., 26th & 11th av, New York
Sterling Devices Co., 9 Lispenard, New York
Warsaw Elevator Co., Warsaw, N. Y.

4246— Elevator Safety Devices

See also the Specific Article Required

American Electric Machine & Elevator Co., 1706 N 12th, St. Louis, Mo.
Andrus-Tooeland Co., 213-14 Moffat bldg, Detroit, Mich.
Angell Elevator Lock Co. ("Angell" Safety Floor Stop & Lock), 370 Atlantic av, Boston, Mas.
Buildings Equipment Mfg. Co., 125 W Jackson blvd, Chicago, Ill.
Boedtcher Franz A. ("Dorloc"), 355 W 42nd, New York
Christianson L., 254 Broad, Lynn, Mass.
CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Elevator Signal Co., 116 West, New York
Montgomery Elec. Service, Kansas City, Mo.
Ohio Elevator & Machine Co., Columbus, Ohio
Reedy, H. J. Elevator Co. (All Approved Designs), 15 W 2d, Cincinnati, O.
Reliance Grant Elevator Equipt. Corp. ("Reliance"), 101 Madison av, New York
Russell & Erwin Mfg. Co. ("Russwin" Elevator Door Controller), New Britain, Conn.
Safety Appliance Co., St. Louis, Mo.
Safety Elevator Stop Co., Kalamazoo, Mich.
Shipperloc Co. ("Shipperloc"), 368 Atlantic av, Boston, Mass.
Shurloc Elevator Safety Co. (Auto-mechanical), 127 White, New York
Snyder O. T. & Co., Columbus, O.
Sturm Dumbwaiter & Elevator Co., Portland, Ore.
Surety Guard Co. ("M-C-K"), 62 E Lake, Chicago, Ill.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y.
Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.

Elevator Safety Gates

See Elevator Gates, Automatic

4247— Elevator Safety Locks

American Electric Machine & Elevator Co., 1706 N 12th, St. Louis, Mo.
Angell Elevator Lock Co. ("Angell," Shipper Rope), 370 Atlantic av, Boston, Mass.
Christianson L., 254 Broad, Lynn, Mass.
Clernand & Co. (Freight), 359 W B'way New York
Elevator Supplies Co., Hoboken, N. J.
Knickerbocker Elevator Gate Co., 116 West, New York
Shipperloc Co ("Shipperloc"), 368 Atlantic av, Boston, Mass
Standard Elevator Interlock Co., 16th & Sansom , Phila. Pa.
Warsaw Elevator Co., Warsaw, N. Y.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

4248— Elevator Safety Stops

Hunter James Machine Co., N Adams, Mass.
Knickerbocker Elevator Gate Co. (Floor), 116 West, New York

4249—*Elevator Self-Starters (Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Elevator Siding

See Roofing & Siding, Iron & Steel

4250-1— Elevator Signals

Elevator Signal Co., 116 West, New York
Elevator Supplies Co. ("Armstrong" Electric), Hoboken, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Reilly Martin B. Co., Inc., 9 S. Clinton, Chicago, Ill.

4252-3—*Elevator Switches (Belt and Reversing)

CUTLER-HAMMER MFG. CO. ("C. & H."), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Van Emon B. C. Elevators, Inc., 235 1st, San Francisco, Cal.

4254— Elevators (Ashes)

See also Conveyors, Coal & Ash Handling
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Link-Belt" Telescoping for Buildings, Boiler Rooms, etc.), 300 W. 39th, Chicago, Ill.
See adv index at end of book

4255—Elevators (Barrel & Package)

See also Conveyors, Various Kinds

ALVEY-FERGUSON CO., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Chain Belt Co. (Curved Arm), Milwaukee, Wis.
Chicago Conveyor Co., 2416 W 22d, Chicago, Ill.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Ernst C. K., Buffalo, N. Y.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Great Western Mfg. Co., Leavenworth, Kans.
Haslett Spinal Chute Co., 510-12 N. 61st, Pa. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY (Automatic Pick Up, etc.), 300 W. 39th, Chicago, Ill.
See adv index at end of book
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
Pittsburg Conveyor Machinery Co, 4th & Duquesne wy, Pittsburgh, Pa
Robins Conveying Belt Co., 13 Ann, New York
Teal Chas. A., 1361 Ridge av, Phila, Pa.
Van Emon B. C. Elevators, Inc., 235 1st, San Francisco, Cal.
Warsaw Elevator Co., Warsaw, N. Y., Dunn bldg, Buffalo, N. Y.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg Co, 1856 N Kostner av, Chicago, Ill.

Elevators (Belt Power)

See Elevators, Freight & Passenger

Elevators (Box Water)

See Elevators, Water, for Mine & Quarry

4256— Elevators (Bucket)

Acme Road Machy. Co., Frankfort, N. Y.
American Road Machinery Co, Kennett sq, Pa
Bailey-Burruss Mfg. Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Caldwell H W & Son Co, 17th & Western av, Chicago, Ill
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Essmueller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Haag A. W. & Co., Reading, Pa.
JEFFREY MFG. CO. ("Jeffrey" for All Classes of Work), 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co. ("Chain Bucket"), 4401 W 12th, Chicago, Ill.
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY (Continuous & Incline Continouus), 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Manufacturers' Equipment Co., Dayton, O.
Mead-Morrison Mfg. Co. ("McCaslin"), cor Prescott & Orleans, East Boston, Mass.
Mullins Body Corp., Salem, Ohio
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
Nordyke & Marmon Co., Ky av & Morris, Indianapolis, Ind.
Robins Conveying Belt Co., 13 Ann, New York
SMITH ENGINEERING WKS., 3191 Locust, Milwaukee, Wis.
Sprout, Waldron & Co., Muncy, Pa.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Tamaqua Mfg. Co., Tamaqua, Pa.
Universal Road Machinery Co., Kingston, N. Y.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

4257—*Elevators (Building Material)

See also Elevators, Hod; also Engines, Hoisting; also Hoists, Builders' Electric; also Hoists, Contractors' Material
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Elevators (Carriage)

See Elevators, Freight & Passenger
Also Elevators, Hand

4258—*Elevators (Carriage, Wagon, Automobile, Etc.)

Speidel John G., Reading, Pa.
See adv index at end of book

Elevators (Clay)

See Conveyors, Clay

Elevators (Coal)

See Conveyors, Coal & Ash Handling, also Elevators, Bucket

4259—*Elevators (Combination, Hand & Belt Power)

SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

4260-1— Elevators (Concrete)

Davis Morris K. ("20th Century"), 400 7th, San Francisco, Cal.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Smith T. L. Co. ("Smith"), 1151 32d, Milwaukee, Wis. *See adv index at end of book*

4262—Elevators (Contractors' Material)

See also Hoists, Contractors' Material; also Elevators, Hod

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.

Elevators (Cotton)

See Elevators, Cotton, Under Textile Machinery

4263— Elevators (Electric)

See also Elevators, Freight & Passenger

AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Curran, Jas. H. Elevator Co. (Direct Connected & Reversible Belt), 116 W Second, Cincinnati, Ohio
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Houser Elevator Co., Syracuse, N. Y.
Llewellyn Iron Works, 1200H N. Main, Los Angeles, Cal.
Northern Engineering Works (Freight), 210 Chene, Detroit, Mich.
Otis Elevator Co. (Power), 26th & 11th av, New York
Portland Co., Portland, Me.
Roberts Jas. H. Elevator Co., 430 W B'way, New York
See A. B. Electric Elevator Co., 220 B'way, New York.
Seevers Mfg. Co., Oskaloosa, Ia.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.



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ELEVATORS (ELECTRIC)—continued

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

4264— Elevators (Electric Sidewalk)

See also Elevators, Sidewalk

Otis Elevator Co., 26th & 11th av, New York

SPEIDEL, JOHN G., Reading, Pa. *See adv index at end of book*

Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

4265-6—*Elevators (Employees')

Nutting Truck Co., Faribault, Minn *See adv index at end of book*

Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.

Elevators (Flour)

See Conveyors, Grain Elevator

4267— Elevators For Canning Factories

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

Am. Mfg. Co. (Jute Bagging Only), Noble & West, Brooklyn, N. Y.

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

Van Emon B. C. Elevators, Inc., 235 1st, San Francisco, Cal.

4268— Elevators For Crushing Plants

See also Elevators, Bucket

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Austin Mfg. Co., 910H S. Michigan, Chicago, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

Robins Conveying Belt Co., 13 Ann, New York

4268a—*Elevators For Mine & Quarry

BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*

4269— Elevators (Foundry)

See also Elevators, Freight & Passenger

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

Northern Engineering Works, 210 Chene, Detroit, Mich.

SPEIDEL, JOHN G., Reading, Pa. *See adv index at end of book*

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg., Buffalo, N. Y.

Whiting Corp., Dept. H, Harvey, Ill.

4270—Elevators (Freight & Passenger)

NOTE—Firms Designated by Dagger (†) denotes General Repair Work Only. (Star (*) Indicates Passenger Elevators

Under this Heading see Sub-classifications

ALABAMA.

BIRMINGHAM—*Otis Elevator Co.
Warner Elevator Mfg. Co., 209 N 22nd. *See adv index at end of book*

CALIFORNIA.

LOS ANGELES—Baker Iron Works
Llewellyn Iron Works
*Otis Elevator Co. (For all purposes),

SAN FRANCISCO—†Enterprise Electric Works, 654 Mission
*Otis Elevator Co. (For all purposes), Stockton & N Point
Van Emon B. C., Elevators, Inc., 235 1st

COLORADO.

DENVER—*Nock & Garside Elevator Co.,

CONNECTICUT.

NEW HAVEN—Eastern Machinery Co. (Electric)
MacKenzie George M.

CUBA

HAVANA—**AMERICAN ELEVATOR & MACHINE CO.** (Chas. H. Thrall Elec. Cont. Co., Agent)

DELAWARE.

WILMINGTON—Green Elevator Co.

FLORIDA.

TAMPA—**AMERICAN ELEVATOR & MACHINE** (L. G. Taylor, Agent)
Warner Elevator Mfg. Co., 916 Citizen Bank bldg.
See adv index at end of book

GEORGIA.

ATLANTA—Warner Elevator Mfg. Co., 203 Calhoune bldg
See adv index at end of book

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co. (Freight)

CHICAGO — Brown Portable Conveying Machy. Co. (Belt), 10 S La Salle
Colley Elevator Co., 522 W Monroe
Gallaher & Speck, 215 W Congress
Illinois Elevator Co., 224 N Union av
*Kaestner & Hecht Co. (Steam, Electric & Hydraulic), 500 Throop
†Mitchell C H Elevator Co., 522 W Monroe
*Otis Elevator Co., 600 W Jackson blvd
Pitt Engineering Co., 120 W Kinzie
†Prince Elevator Co., 231 W Grand av
†Reliance Elevator Co., 212 W Austin av
Standard Plunger Elevator Co., 327 S La Salle
Wheeler Elevator Co., 1121 Washington, blvd

DANVILLE—Westbrook Elev. Co. (Electric)

MOLINE—Montgomery Elevator Co. (Electric)

PEORIA—**AMERICAN ELEVATOR & MACHINE CO.** (H. F. Kircher & Co., Agent)

QUINCY—Hollister-Whitney Co. (Electric)

INDIANA.

DECATUR—Decatur Foundry, Furnace & Machine Co.

EVANSVILLE—*Grote F. Mfg. Co. (Electric)
International Steel & Iron Co. (Electrical & Hand Power Freight)
Mesker Geo. L. & Co. (Hand & Power)
INDIANAPOLIS—†Carman & Fryer
Nordyke & Marmon Co. (For Mills & Factories), Kentucky av & Morris
*Otis Elevator Co., 22 S Capitol
†Reedy D. V. Elevator Co. (Electric), **1026 Kentucky av**
Warner Elevator Mfg. Co., 804 Fidelity Trust bldg
See adv index at end of book

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co. (Electric, Hand & Belt Power), P O Box 154
DES MOINES—Globe Machinery & Supply Co.
Iowa Machinery & Supply Co.
LE MARS—Pech Gustave Foundry & Mfg. Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co. (Freight)

KENTUCKY.

LOUISVILLE—**Abell Elevator Co. (Mfrs. of Passenger & Freight, Electric Traction & Gearless Traction, Push Button, Hydraulic & Hand & Belt Power Elevators), 114 N 8th**
***AMERICAN ELEVATOR & MACHINE CO.** (Electric, Hydraulic, Belt & Hand)**
Atlas Machine Co.

LOUISIANA.

NEW ORLEANS—†American Elevator & Electric Co., 511 Poydras
AMERICAN ELEVATOR & MACHINE CO. (American Elevator & Electric Co., Agent)
†Commercial Electric Co., Ltd., 728 Poydras

MAINE.

PORTLAND—*Portland Co. (Electric, Hydraulic, Plunger & Belted)

MARYLAND.

BALTIMORE—*Bates Elevator Co. (Hand, Hydraulic, Steam, Electric, etc.), 211 Preston
Warsaw Elevator Co., Main Office & Works: Warsaw, N. Y.

MASSACHUSETTS.

BOSTON—**Beckwith Elevator Co., 123 Pearl**
Brewer Elevator Co., 27 Bowker
Kimball C. E. & Son, 178 High
McLauthlin Geo. T. Co., 120 Fulton
***Moore & Wyman Elevator & Machine** Works, 72 Granite, S Boston
Morrison Angus Co. (Plunger), **183** High
Otis Elevator Co. (For all purposes), 53 State
†Payne F. S. Co., 295 Franklin
†Porter W. H., 30 Wendell
***Portland Co. (of Portland, Me.), 110 Broad**
Seelye Mfg. Co. (Freight), 118 South
†Tubman Wm. S, 67 Milk
FLORENCE—Norwood Engineering Co. (Belt Power Freight)
LYNN—**Embree Elevator & Millwright Co.**
SALEM—*Salem Elevator Works (Electric)
SPRINGFIELD—**Bay State Elevator Co. (Hydraulic, Plunger, Electric & Belt)**
Springfield Iron Works
Warsaw Elevator Co., 19 Taylor
WORCESTER—Standard Plunger Elevator Co. (Electric), Stafford

MICHIGAN.

DETROIT—†Fox Wm., 71 Larned W
Northern Engineering Wks., (Freight), 210 Chene
GRAND RAPIDS—Lutelt Adolph Iron Works

MINNESOTA.

MINNEAPOLIS—*Lagerquist Gust. (Electric, Hand, Belt, etc.), 516 N 3d
ST. PAUL—*Lee & Hoff Mfg. Co. (Electric), 65 E Water

MISSOURI.

KANSAS CITY—**AMERICAN ELEVATOR & MACHINE CO.** (King Supply & Equipment Co., Agent)
*Otis Elevator Co., 1920 Wyandotte
Warner Elevator Mfg. Co., 1212 Grand av, Temple bldg
See adv index at end of book
ST. LOUIS—American Electric Machine & Elevator Co., 1706 N 12th
AMERICAN ELEVATOR & MACHINE CO. (Wm. A. Miller Machine Elevator Co., Agent)
Ellison W. & Sons Mfg. Co.
Gerahty Bros. Elevator Co., 416 S 6th
Miller Wm. A., Mach. & Elevator Co., 1000 N Main
Otis Elevator Co., Locust & 23d
†Williams Const. & Repairing Co., **308 Clark**

NEBRASKA

OMAHA—**AMERICAN ELEVATOR & MACHINE CO.** (Standard Engineering Co., Agent).

NEW JERSEY.

HOBOKEN—Reedy Elevator Co.
JERSEY CITY—New York Revolvator Co., 395 Garfield av
See adv index at end of book
NEWARK—Skinner & Leary Co. (Freight Only), 19 Commercial
Storm Mfg. Co. (Hand & Belt Power, etc), 50 Vesey
Wright Lysander, Jr., Mach. Works, 9 Alling

NEW YORK.

BUFFALO—†Buffalo Engineering Co., Erie Co. Bank bldg
Smith Elevator Co., 15 W Swan, Buffalo, N. Y.
*Warsaw Elevator Co., Dunn bldg
COHOES—Cohoes Iron Foundry & Machine Co. ("Cohoes")

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—**Rodgers R. M. Mfg. Co., 74 Emerson pl**

Boroughs of Manhattan and Bronx.

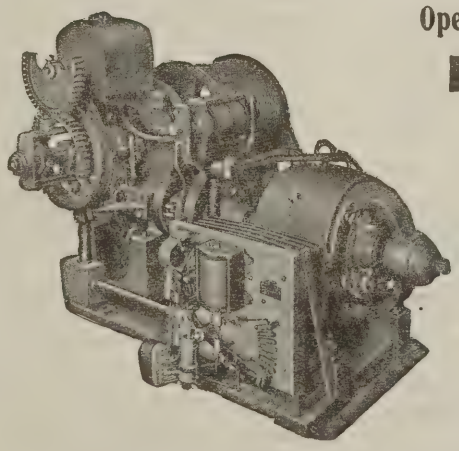
NEW YORK—†American Elevator Co. (Also Repairers), 117 Cedar
Burwak Elevator Co., 216 Fulton
Chelsea Elevator Co. (Electric), 213 W 26th
†Clernand & Co., 359 W B'way
Crouch W. J. Co., 68 William
Dowdall Chas. E., 152 W B'way
*Gurney Elevator Co. (Electric), 62 W 45th
Lowerator Co., Freight Only, 100 W 40th
Maintenance Co. (Electric), 417 Canal
Murtaugh Elevator Co., 535 W 33d
National Elevator Co., 62 W 45th
†New York Elevator Co., 50 Grand
*Otis Elevator Co., 26th & 11th av
*Roberts J. H. Elevator Co., 430 W B'way
*See A B Electric Elevator Co., 220 B'way
Sedgwick Machine Works, 150 W 15th, New York

J. G. SPEIDEL, Reading, Pa.

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Chains for all Industrial Purposes

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Slade Elev. Co. (Electric), 1565 Park av
Sommervlle Elevator Co., 156 W 30th
Staley El. Elev. & Mach. Co., 153 Greene
Warsaw Elevator Co., 216 Fulton
Welsh Machine Works, 276 West
Wheeler-McDowell Elev. Co. (Electric), 417 Canal

(End of New York City)

OSSINING—Kipp Ralph P. (Hydraulic)
POUGHKEEPSIE — Sedgwick Machine Works (Hand Power)
ROCHESTER—*Otis Elevator Co., 8-10 Jones
Warner Elevator Mfg. Co., 113 Warren *See adv index at end of book*
*Warsaw Elevator Co., 189 Mill
SYRACUSE—Houser Elevator Co. (Electric)
UTICA—*Otis Elevator Co.
WARSAW—*Warsaw Elevator Co.

NORTH CAROLINA.

CHARLOTTE—Moffatt Machinery Mfg. Co.
Park Mfg. Co. (Belt Power)

OHIO.

CINCINNATI—Alvey-Ferguson Co., 70 North av, Oakley
Cincinnati Elevator Wks. (Steam, Hydraulic, Electric & Hand), Quigley, N. J. (Propr), 212 W 2d
*Curran Jas. H. Elevator Co., 116 W 2d
National Elevator Co., 124 Longworth
*Reedy H. J. Elevator Co. (Electric, Hydraulic, Plunger, Steam, Hand, etc.), 15 W 2d
***WARNER ELEVATOR MFG. CO.** (Electric, Hydraulic & Hand & Belt Power, Passenger & Freight), Spring Grove av, Alfred & Valley *See adv index at end of book*
CLEVELAND—**AMERICAN ELEVATOR & MACHINE CO.** (J. M. Woods, Agent)
Edmonds Elevator Co. (Electric), 519 Champlain
Rossborough W. J., 625 Long av
Warner Elevator Mfg. Co., Sloan bldg *See adv index at end of book*
COLUMBUS—†Beck Electrical Repair Co., 149 W State
Jeffrey Mfg. Co., 961 N Fourth *See adv index at end of book*
Ohio Elevator & Machine Co. (Electric, etc.)
*Otis Elevator Co.
Warner Elevator Mfg. Co., 616 Columbus Savings & Trust bldg *See adv index at end of book*
DAYTON—Gem City Elevator Works (Steam, Hydraulic, Electric, Belt, etc)
Warner Elevator Mfg. Co., 108 Green, *See adv index at end of book*
TOLEDO—*Haughton Elevator & Mach. Co. (Steam, Hydraulic, Electric, Belt, etc.), 679 Spencer

OREGON.

PORTLAND—†Portland Elevator Co.
Portland Iron Works, 14th & Northrup
Sturm Dumbwaiter & Elev Co.

PENNSYLVANIA.

CHESTER—Wetherill Robert & Co.
COATESVILLE—Ridgway, Craig & Son Co. (Heavy Freight)
HONESDALE—Gurney Co. (Electric)
LANCASTER—†Welchans A. C.
PHILADELPHIA — Albro-Clem Elevator Co. (Electric), D. & Erie
Energy Elevator Co., 214 New
Independence Elevator Co., 7th & Wood
McIntire Walter C. & Co., 12 N 5th
O'Neill Elevator Co., 628 Cherry
*Otis Elevator Co., 12th & Samson
*See, A. B. Electric Elevator Co., Colonial Trust bldg
*Stokes & Parrish Elevator Co. (Dep't of Otis Elevator Co.), 16th & Samson
Warsaw Elevator Co., 929 Chestnut
PITTSBURGH — †Elevator Construction Co., 327 Second av
*Marshall Bros. (Electric), S 21st
Pennsylvania Elevator Co., Hartje bldg
Seeler Elevator Works, 332 3d av
Stoner, Thaw & Co. Ltd., 1200 W Carson
Walters H. D., 210 2d av
READING—Haag A. W. & Co. (Freight Only)
***SPIEDEL JOHN G.** (Belt, Hand & Electric Power) *See adv index at end of book*
SOUTH BETHLEHEM—Bethlehem Fdy. & Machine Co. (Spur, Gear & Screw Winding; Freight only)

RHODE ISLAND.

PROVIDENCE—†Anderson & Osterman, 131 Washington
Haley & Blanch Elevator Co., 53 Sabin
Mason, Volney W. & Co., 2 Lafayette

TENNESSEE.

CHATTANOOGA—Peglar Machine Co. (Freight)
Sybilla Elevator & Mfg. Co. (Carriage)
WARNER ELEVATOR MFG. CO., 19-21 Main *See adv index at end of book*
KNOXVILLE—**AMERICAN ELEVATOR & MACHINE CO.,** (W. E. Webber, Agent).
Savage W. J. Co. (Freight Only)
NASHVILLE—**AMERICAN ELEVATOR & MACHINE CO.** (John Bouchard & Sons Co., Agent)
Warner Elevator Mfg. Co., 129 N 3rd av *See adv index at end of book*

TEXAS.

DALLAS—**AMERICAN ELEVATOR & MACHINE CO.** (J. Peyton Hunter, Agent)
HOUSTON—*Otis Elevator Co.

UTAH.

SALT LAKE CITY—Trent Engineering & Machinery Co.

VIRGINIA.

NORFOLK—*Otis Elevator Co.

WASHINGTON.

SEATTLE—†Biegert J. C. Machine Wks.
*Otis Elevator Co.
Washington Elevator Co. (Electric)
SPOKANE—*Otis Elevator Co.
*Pacific Iron Works (Electric, Hand & Power; also Hydraulic)
TACOMA—Warner Elevator Mfg. Co., 619 S. State *See adv index at end of book*

WISCONSIN.

MILWAUKEE—Brodesser Elev. Co. (Elevator), Burleigh & Weil
†Heller S., 250 Milwaukee
Kieckhefer A. Elevator Co. (Electric, Hydraulic, Belt, Plunger, Traction, etc)
*Otis Elevator Co., 115-117 Huron
*†Rosenberg F. Elevator Co. (Electric), 174 Reed

4270a— Elevators (Garage)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.

4271—Elevators (Gearless Traction)

Abell Elevator Co., 114 N 8th, Louisville, Ky.
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.

4272— Elevators (Gravity)

Avney Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Lamson Co., 100 Boyston, Boston, Mass.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4273—Elevators (Hand Power)

See also Dumb Waiters; also Elevators, Freight & Passenger

AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
Energy Elevator Co., 214 New Phila, Pa.
Lamson Co., 100 Boylston, Boston, Mass.
SPEIDEL JOHN G., Reading, Pa. *See adv index at end of book*
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

Elevators (Hay)

See Carriers, Hay; also Elevators, Portable

4274— Elevators (Hod)

Anderson Chas., 983 Pacific, Brooklyn N. Y.
American Hoist & Derrick Co. (For Building Materials), St. Paul, Minn.
Buckley Jas. J. (For Building Material), 303 5th av, New York
Carlson Hoist & Machine Co., 1074 St. Marks av, Brooklyn, N. Y.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, *See adv index at end of book*
National Hoisting Engine Co., Harrison, N. J.
Nineteen Hundred Washer Co., Binghamton, N. Y.
Pelham Hod Elevating Co. (For Building Materials), 416 W 26th, New York
Smith Wm. A., 282 E 141st, New York
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Stanley & Machine Co., 620 W 25th, New York
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.
White Hoist & Machine Co., Southern blvd, & 143rd, New York

4275— Elevators (Hydraulic)

See also Elevators, Freight & Passenger

Curran Jas. H. Elevator Co., 116 W Second, Cincinnati, Ohio
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Llewellyn Iron Works, 1200H N. Main, Los Angeles, Cal.
Movette, Inc., 295 State, Rochester, N. Y.
Otis Elevator Co., 26th & 11th av, New York
Portland Co., Portland, Me.
Ridgway, Craig & Son, Coatesville, Pa.
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Marine Nat. Bank bldg, Buffalo, N. Y.

4276-7-8—Elevators (Hydraulic Gravel)

New York Engng. Co. ("Empire"), 2 Rector, New York

Elevators (Incline)

See Stairways, Moving

Elevators (Invalid, Hand & Belt Power)

See Elevators, Hand

4279— *Elevators (Light)

LAMSON CO. (For Banks, Stores, Offices, Factories, Hotels, Libraries, Hospitals & Newspaper Plants), 100 Boylston, Boston, Mass.

Elevators (Link-Belt)

See Conveyors, Link Belt

4280— Elevators (Marine)

LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4280a—*Elevators (Oil Well Casing)

WILSON & WILLARD MFG. CO., 2301 E. Vernon av, Los Angeles, Cal.

4281— *Elevators (Pipe)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4282— Elevators (Plunger)

See also Elevators, Freight & Passenger

Portland, Co., Portland, Me.
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

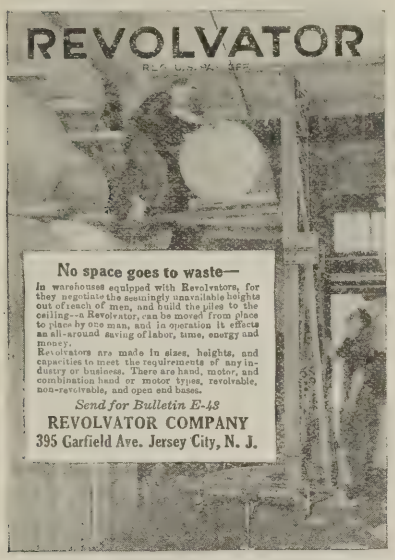
4283— Elevators (Pneumatic)

Lamson Co., 100 Boylston, Boston, Mass.
Northern Engineering Works (Freight), 210 Chene, Detroit, Mich.
Whiting Corp. (& Hydro), Dept. H, Harvey, Ill.

4284— Elevators (Portable)

ALVEY - FERGUSON CO., 70 North av, Oakley, Cincinnati, O.
Brown Portable Conveying Machinery Co., 10 S La Salle, Chicago, Ill.
Camp Bros. & Co., Washington, Ill.
Economy Engineering Co., 415 S Washtenaw av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Lamson Co., 100 Boylston, Boston, Mass.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York

Revolvator Co. (Revolving), 395 Garfield av., Jersey City, N. J.
See adv index at end of book



Standard Scale & Supply Co., Ltd., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

4285—Elevators (Push Button)

AM. ELEVATOR & MACHINE CO., Louisville, Ky.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Otis Elevator Co. (Automatic, Electric), 26th & 11th av, New York
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.
WARNER ELEVATOR MFG. CO. (Automatic), Spring Grove av, Alfred & Valley, Cincinnati, O.
See adv index at end of book
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

4286— Elevators (Quicksilver)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

Elevators (Revolving Portable)

See Tiering Machines

4287— Elevators (Salt)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Link - Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

4288-9—Elevators (Sidewalk)

See also Elevators, Freight & Passenger

Abell Elevator Co., 114 No. 8th, Louisville, Ky.
Channon Jas. H. Mfg. Co. (Hand & Belt Power), 227 W Erie, Chicago, Ill.
Chelsea Elevator Co., 213 W 26th, New York
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Curran Jas. H., Elevator Co., 114 W 2nd, Cincinnati, O.
Dowdall Chas. E., 152 W B'way, New York
Eastern Machinery Co., New Haven, Conn.
Edmonds Elevator Co., 519 Champlain av, Cleveland, O.
Ernst C. K. ("Ernst Perfection"), Buffalo, N. Y.
Grossman Bros. & Rosenbaum, Willow av & 133rd, New York
Grote F. Mfg. Co., Evansville, Ind.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kieckhefer A. Elevator Co., Milwaukee, Wis.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Kohlmetz Chas. E., Rochester, N. Y.
Kohlmetz H. L., Rochester, N. Y.
McLauthin Geo. T. Co., 120 Fulton, Boston, Mass.
Marshall Bros., S 21st, Pittsburgh, Pa.
Miller Wm. A. Mach. Elevator Co., 1000 N Main, St. Louis, Mo.
Murtaugh Elevator Co., 535 W 33d, New York
Ohio Elevator & Machine Co., Columbus, O.
Otis Elevator Co., 26th & 11th av, New York
Prince Elevator Co., 231 W Grand av, Chicago, Ill.
Reedy H. J. Elevator Co. (Electric, Hydraulic & Hand Power), 15 W 2d, Cincinnati, O.
Revolvator Co., 395 Garfield av, Jersey City, N. J. *See adv index at end of book*
Roberts Jas. H. Elevator Co.,430 W B'way, New York
Sedgwick Machine Works, 150 W 15th, New York
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

Elevators (Stone)

See Elevators, Bucket

4290— Elevators (Traction)

AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
Van Emon B. C., Elevators, Inc., 235 1st, San Francisco, Cal.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y.

4292—Elevators (Traveling, Coal)

Acme Road Machy. Co., Frankfort, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Elevators (Tray)

See Elevators, Barrel & Package

4293—*Elevators (Water, For Mine & Quarry)

Link - Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4294—Elevators & Conveyors For All Purposes

Fulton Iron Works Co. (Sugar House), St. Louis, Mo. *See adv index at end of book*
Hunt, C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lamson Co., 100 Boylston, Boston, Mass.
Link - Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4295— Eliminators

See also Extractors, Oil & Grease

Hoppes Mfg. Co., Springfield, O.
Nicholson W. H. & Co. ("Wyoming," Automatic), Wilkes-Barre, Pa.
Robertson Jas. L. & Son ("Hine's"), 73 Murray, New York.

Emery Cloth

See Paper, Flint, Sand & Emery

Emery Wheel Stands & Arbors

See Grinders, Emery

4296—Emery Wheels (Vulcanized Rubber)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
NEW YORK BELTING & PACKING CO. ("Vulcanite"), 91 Chambers, New York

4297— Emery & Corundum

See also Abrasives

Abrasive Co., James & Fraley, Phila., Pa.
Abrasive Mining & Mfg. Co. (Miners & Mfrs., Scimitar, Sultan Emery, Turkish Emery, Naxos Emery, Corundum), Plymouth, Ind., & Chester, Mass.
Brody Wm. & Co. (Dental Grinding), ("Anti-Thermo"), 1911 Park av, New York
Buchanan Thos. Co. (The), 29 W. 3rd, Cincinnati, O.
See adv index at end of book
Carborundum Co. (Carborundum), Niagara Falls, N. Y.
Cutter & Wood Supply Co. ("Sultan"), 274 Friend, Boston, Mass.
See adv index at end of book
Exolon Co., 156 Sixth, Cambridge, Mass.
General Abrasive Co., Niagara Falls, N. Y.
Goodrich A., Inc., 1500 Madison, Chicago, Ill.
Granite City Iron Wks Co., St. Cloud, Minn.
Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
Hamilton Emery & Corundum Co., Chester, Mass.
Hampden Corundum Wheel Co., Brightwood, Springfield Mass.
Harrison Bros., Inc., Amesburg, Mass.
Harrison Supply Co. ("Natite" Artificial Corundum & Importers Natural Corundum), 209 Washington, Boston, Mass.
Jackson Mills Emery Co. (Sumitar, Kulick, Turkish, Naxos & American Emery), Easton, Pa.
Keystone Emery Mills ("Keystone Improved" American, Greek & Turkish), 4325 Paul, Phila., Pa.
Munning A. P. & Co., Mattawan, N. J.
National Abrasive Co. (Natite Corundum), 209 Washington, Boston, Mass.
NIAGARA EMERY MILLS, INC. (Turkish & Greek Naxos Emery), 55 Broad, New York; Mills Lockport, N. Y.
See adv index at end of book

EMERY
We manufacture high grade
Turkish and Greek Naxos
Niagara Emery Mills, Inc. New York
Office: 50 Broad St. Mills: Lockport, N. Y.
Samples and prices sent on request.

Oriental Emery Co., New Haven, Conn.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Speare's Alden Sons Co., Cambridge, Mass.
Sterling Grinding Wheel & Eng. Co., 327 S Clinton, Chicago, Ill.
STILES H. A. & CO. ("Ottoman" Turkish Emery & Greek Corundum), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Tanite Co. (Emery Only), Stroudsburg, Pa.
Van Amringe Theo. & Son (Turkish Emery), 81 Fulton, New York
Warren Products Co., 265 Canal, New York *See adv index at end of book*
Washington Mills Emery Mfg. Co. (Turkish Emery Only), North Grafton, Mass.
White Heat Prods Co., Frayen, Pa.

4298—Emery & Corundum Wheel Mfrs.

Abrasive Co., Bridesburg, Pa.
Abrasive Co., Phila., Pa.
American Emery Wheel Works ("Carbolite"), 325 Waterman, Providence, R. I.
Best L. Co., 75 Barclay, New York
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Buchanan Thos. Co. (The), 29 W. 3rd, Cincinnati, O.
See adv index at end of book
Carborundum Co. (Carborundum & Alexite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co. ("Chicago"), 1101 W Monroe, Chicago, Ill.
Commercial Grinding Wheel Co., 922 W. Oliver, Chicago, Ill.
Cortland Grinding Wheel Corp. ("Oxaluma" & "Carbora"), Cortland, N. Y.
Crescent Emery-Corundum Wheel Co., Indianapolis, Ind.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book

OTTOMAN BRAND
PURE TURKISH AND NAXOS EMERY—Genuine Imported Emery, carefully cleaned.
ARTIFICIAL CORUNDUM AND CARBON SILICIDE—Electric Furnace products, fastest cutting abrasives ever made. We recommend the former for steel work and the latter for cast iron.
GRINDING WHEELS—Vitrified, Silicate and Elastic Processes. Highest quality, thoroughly tested.
H. A. STILES & CO., 93-97 Oliver Street, Boston, Mass.

EMERY & CORUNDUM WHEEL MFRS.—continued
Dayton Grinding Wheel Co., Dayton, O.
Detroit-Star Grinding Wheel Co. (Vitrified Silicate & Elastic), 111 Cavalry, Detroit, Mich.
Eagle Emery & Corundum Wheel Co., 715 S Robey, Chicago, Ill.
Electric Emery Wheel Co., 827 Broad, Newark, N. J.
General Grinding Wheel Corp., Clementine, Thompson & Mercer, Phila., Pa.
Gold Walter C. ("The Keystone"), 235 Race, Phila., Pa.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Keystone Emery Mills, 4325 Paul, Phila., Pa.
Maxf Grinding Wheel Corp ("Maxf"), Chester, Mass.
National Grinding Wheel Co., 2984 Main, Buffalo, N. Y.
Norton Company (Alundum & Crystolon), Worcester, Mass.
Peninsular Emery Wheel Co. (Also Adamite Abrasive Wheels), 253 Meldrum, Detroit, Mich.
Pennsylvania Grinding Wheel Co., 4543 Wayne, Phila., Pa.
Pa. Grinding Wheel Co., S E Corner of Wayne av & Berkley, Phila, Pa.
Pike Mfg. Co., Pike, N. H.
Pittsburgh Emery Wheel Co., Rochester, Pa.
Ramsdell Specialty Co., Worcester, Mass.
Safety Emery Wheel Co., Springfield, O.
SCRANTON WHETSTONE & ABRASIVE WHEEL CO., Battle & Diamond av, Scranton, Pa.
Spaulding & Metcalf ("Jasper"), 532H Arch, Phila., Pa.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Grinding Wheel Co. ("Sterling," "Sterlith" & "Sterbon"), Tiffin, O.
STILES H. A. & CO. (Also Artificial Abrasive Wheels), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.
Vonnegut Machinery Co., 19 W South, Indianapolis, Ind.
Walls T. P. Tool & Supply Co., 75 Walker, New York
Waltham Grinding Wheel Co., Waltham, Mass.
Waltham Grinding Wheel Co. ("Richardson"), Waltham, Mass.

4299—Employment Agencies (Engineers, Draftsmen & Other High Grade Men)

Business Men's Clearing House, 209 S State, Chicago, Ill.
Cleveland Engineering Agency Co., Rose bldg, Cleveland, O.
Engineering Agency, Monadnock blk, Chicago, Ill.
Harrison H. H. & Co., Association bldg, Chicago, Ill.

4300— Emulsifiers

Day J. H. Co., Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Sharpless Separator Co., West Chester, Pa.
Stuart & Peterson Co., Burlington, N. J.

4301—Enameled Ware Mfrs. (Kitchen)

American Specialty Stamping Co., Johnstown, Pa.
American Stamping & Enameling Co., Bellaire, O.
Baltimore Stamping & Enameling Co. ("Oriole" Gray Ware), 909 E Pratt, Baltimore, Md.
Belmont Stamping & Enameling Co. ("Azure," "Sanitare," "Juniata," "Tuscore," "Cadet Blue"), New Phila., O.
Canton Stamping & Enameling Co. ("French," Grey), Canton, O.
Central Stamping Co., 174 Fulton, New York
Cleveland Metal Products Co. ("Aladdin"), 7609 Platt av & C & P tracks), Cleveland, O.
Cleveland Stamping & Tool Co. ("Lava," "Volcanic"), E 53d & Hamilton, Cleveland, O.
Columbian Enameling & Stamping Co. ("Turquoise," "Onyx"), Terre Haute, Ind.
Coonley Mfg. Co. ("Roco" & "Clyde" Brands), Cicero, Ill.
Crunden Martins Mfg. Co. ("Spartan," "Leader," single coated gray), 2d & Gratiot, St. Louis, Mo.
Dunlap John Co. ("Monogram," "Blue-Stone," "Janet"), Carnegie, Pa.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
GEUDER PAESCHKE & FREY CO. (Also Galvanized, Japanned & Tinned), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Jewett Stamping & Enameling Co. ("Jewett" Blue Mottled, White Lined), Jewett, O.
Kieckhefer Box Co., 133 N Water, Milwaukee, Wis.
Lafayette Stamping & Enameling Co., West Lafayette, O.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co., Canandaigua, N. Y.
Markt & Hammacher Co. (Swedish), 194 West, New York
National Enameling & Stamping Co. ("Blue Ribbon"), 411 5th av, New York
New England Enameling Co. ("Barnard," "New England" & "Quaker"), Middletown, Conn.
Porcelain Enameling Ass'n of America ("Polar-Brand"), Sheboygan, Wis.
Reed Mfg. Co., Newark, N. Y.
Republic Metalware Co., The, Buffalo, N. Y.
Republic Stamping & Enameling Co. ("Old English" Gray Ware), Canton, O.
Rothschild, Meyers & Co. (Imp.), 135 5th av, New York
Strong Mfg. Co. ("Everglade," "Concord," "Oceanic"), Sebring, O.
U. S. Stamping Co., Moundsville, W. Va.
Vollrath Co. ("Vollrath" Enameled Steel & Cast Iron Wares), Sheboygan, Wis.

Enameled Ware Mfrs. (Plumbers')

See Bath Tubs, Lavatories, Sinks, etc

4302— Enamelers

See also Glass Enamelers

American Enamel Co. (Of Wood, Metal, etc), Providence, R. I.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Anderson Tool Co., Elyria, O.
Baltimore Enamel & Novelty Co. (Metal Stove Parts, etc.), 4 East Redwood, Baltimore, Md.
Beach Enameling Co., Coshocton, O.
BOGERT & HOPPER, INC. (Fancy and Plain Wood), 57 Barclay, New York *See adv index at end of book*
Bossert Corp. (The), (Automobile & Pressed Metal Parts), cor Linden & West av, Utica, N. Y.
Buffalo Porcelain Enameling Corp. (Vitreous), 1927 Elmwood av, Buffalo, N. Y.
Cleveland Metal Products Co. (Porcelain), 7609 Platt av & C & P Tracks, Cleveland, O.
Dick D. D. & Sons, 519 Cherry, Phila., Pa.
D. & G. Dial & Enameling Co., Waltham, Mass.
Elyria Enameled Products Co. (Vitreous), Elyria, O.
Enamel Products Co. (Porcelain Iron), Eddy rd & Taft av, Cleveland, O.
Estes E. B. & Sons (Fancy & Plain Wood), 364 5th av, New York *See adv index at end of book*
Ferro Enameling Co. (Cast Iron Enameling), Sweetland bldg, Cleveland, Ohio
Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.
Geuder Paschke & Frey Co. (Porcelain Ware, Vitreous), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Humphryes Mfg. Co. (Porcelain Iron, for all Purposes), Mansfield, O.
INGRAM-RICHARDSON MFG. CO. (Porcelain on Steel), Beaver Falls, Pa. *See adv index at end of book*
Michigan Enameling Works (Porcelain), Kalamazoo, Mich.
Narragansett Machine Co. (Wood & Metal), Providence, R. I.
NEW YORK ENAMELED STEEL SIGN CO. (Enamelers on Sheet & Cast Iron), 725 Rockaway av, Brooklyn, N. Y.
North Star Spinning & Mfg Co., St. Paul, Minn.
Novelty Turning Co. (Wood), Norway, Me.
Phoenix Metal Stamping Co., 2927H W Fletcher, Phila., Pa.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Shank E. A. Sign Co (Job Enameling on Iron & Steel), 19 Park pl, New York
Stiles H. A. & Co. (Fancy & Plain Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Sun Enamel Works (Fancy Wood Enameling & Japannings), Leominster, Mass.
VITREOUS ENAMELING CO., Grant av, Cleveland, O. *See adv index at end of book*

4303— Enamels

A. B. Polish Co. ("A. B." Screen & Iron), 1515 Haddon av, Chicago, Ill.
Acme White Lead & Color Works, St. Rubin & M. C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" White & Tinted & Amel-ite-enamel Washable), 726 Washington blvd, Chicago, Ill.
Akron Varnish Co. ("Peerless"), Akron, O.
Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
American Enamel Co., Providence, R. I.
Arco Co. Euclid av & E 65th, Cleveland, O.
Armstrong Paint & Varnish Works ("Agate Kote"), 2502 S Paulina, Chicago, Ill.
Atlastic Paint Mfg. Co. ("Atlastic"), 1007 Marquette av, Minneapolis, Minn.
Baer Bros., 438 W 37th, New York
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Bennett Varnish Co. ("Carbeno"), 2215 Elston av, Chicago, Ill.
Berry Bros., Wight & Leib, Detroit, Mich.
Bigelow Varnish Co. (White), 87 Oliver, Newark, N. J.
Billings-Chapin Co. ("Bilchaco"), 1163 E 40th, Cleveland, O.
Bird J. A. & W. & Co. ("Ripolin," Imported), 88 Pearl, Boston, Mass.
Biturine Co., 1 Drumm, San Francisco, Cal.
Blazz Paint & Varnish Co. (The), 630-652 Spencer, Toledo, O. *See adv index at end of book*
Blue Ribbon Paint Co., Wheeling, W. Va.
Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.
Boston Varnish Co. ("Kyanize" White), Everett Station, Boston, Mass.
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.
Bridgeport Wood Finishing Works (Du Pont), Philadelphia, Pa.
Brown Chas. H. Paint Co. 262 Fulton, Brooklyn, N. Y.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. Ltd., Johnstown, Pa.
Cawley, Clarke & Co., 278 Passaic, Newark, N. J.
Celluloid Zapon Co. ("Zapon" Lacquer), 200 5th av, New York
Certain-teed Products Co. ("Certain-teed" Snow White), Boatmans Bank bldg, St. Louis, Mo.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Continental Products Co. (White, etc), Quebec av, Cleveland, O.
Cooledge F. J. & Sons (English), Atlanta, Ga.
Crown Varnish & Enamel Co., 2322 N Seeley av, Chicago, Ill.
Davis H. B. Co., Bayard & Severn, Baltimore, Md.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Denny, Hilborn & Rosenbach, 230 N 12th, Phila., Pa.
DU PONT E. I. DE NEMOURS & CO. INC., Sales Dept., Paint & Varnish Section, Wilmington, Del. *See adv index at end of book*
Eagle Paint & Varnish Co. (Sanitary White), 225 Galveston av, Pittsburgh, Pa.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Ernecke & Salmstein Co. ("Ernsalin" Paint for Walls & Ceilings), 944 W North av, Chicago, Ill.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Ferro Enameling Co., Sweetland bldg, Cleveland, Ohio
Flint Varnish & Color Works, Flint, Mich.
Flood & Conklin Co. ("Vitrawite"), 132 Chestnut, Newark, N. J.
Forest City Paint & Varnish Co. (All Kinds), 3334 Lakeside av, Cleveland, Ohio
Fort Pitt Oil & Paint Co., 3206H Penn av, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Gerstendorfer Bros. ("Sapolin"), 221 E 42nd, New York
Glidden Co., Madison av & Berea rd, Cleveland, O.
Globe Varnish Co. "Haviland" Decorative), Kelly & La Schall, Pittsburgh, Pa.
Gimbel Geo. & Co., Inc., 24 Stone, New York
Goheen Corp. ("Enamelette"), 25 W 43rd, New York
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Hegeman-Castle Corp. "Anglo American"), Fisher bldg, Chicago, Ill.
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Holden & White "Anglo American"), 343 S Dearborn, Chicago, Ill.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Jenkins Paint & Oil Co. ("Merrimac"), Norfolk, Va.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lawrence W. W. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
Leggett & Bro., 301 Pearl, New York
Lincoln Paint & Color Co. ("Lancaster" & "Paragon"), Lincoln, Neb.
Lloyd W. H. S. Co. (Imp), English, "Paripan," 105 W 40th, New York
Lucas John & Co. ("Lucaseal," Outside & Inside), 322 Race, Phila., Pa.
Martin-Senour Paint Co., 2520 Quarry, Chicago, Ill.
Mayer & Loewenstein, 164 Water, New York
Miller & Graham, 21 S Gay, Baltimore, Md.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mountain Varnish & Color Works Inc., Upton av, Toledo, Ohio
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Newark Varnish Works ("White Copal"), 111 Delancey, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Northwestern Chemical Co. ("Brass Kote," "Never Burn"), Marietta, O.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
O'Connor & Schweers Paint Co., Augusta, Ga.
Parker Chas. H. Co. (Wire Fence), Valparaiso, Ind.

Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Phoenix Paint & Varnish Co. (Marbleite), 124 Market, Phila., Pa.
Pratt & Lambert ("Vitralite," White), Buffalo, N. Y.
Remien & Kuhnert Co., 63 W Grand av, Chicago, Ill.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros. (Porcelain, etc), 1142 N Hancock, Phila., Pa.
Rosenbush & Solomon Inc., 33rd & Shields av, Chicago, Ill.
Schlegel Oscar Mfg. Co., 124 E 13th, New York
Shoemaker Robt. & Co. Inc., 4th & Race, Phila., Pa.
Smith Edw. & Co. ("Esco," "Rex," "Matte," "White"), 127 West av, Long Island City, N. Y.
Standard Paint & Lead Wks., Cleveland, Ohio
Standard Varnish Wks. ("Calova," "Kwickwork," "Satinette"), 90 West, New York
Thompson Thos. C. (Vitrifiable for Use on Copper & Iron), Wilmette, Ill.
THOMSON WOOD FINISHING CO., ("Porcelite"), 329 N 3rd, Phila., Pa.
See adv index at end of book
Toch Bros., 320 5th av, New York
United Varnish Company, 248 Green, Long Island City, N. Y.
U. S. Gutta Percha Paint Co. ("Chinaline" for Interior Finish), 12-30 Dudley, Providence, R. I.
Vitreous Enamelling Co., Grant av., Cleveland, O. *See adv index at end of book*
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Inc., Camden, N. J.
Wilhelm A. Co. ("Royaluxe"), Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

4304— Enamels (Air Drying)

Arnstein Eugene, 3433 S Racine av, Chicago, Ill.
California Paint Co., Oakland, Cal.
Celluloid Zapon Co., 200 5th av, New York *See adv index at end of book*
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton New York
Durkee-Atwood Co. ("Rie Nie"), 40 Wilder, Minneapolis, Minn.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Hall-Thompson Co. ("Jet-Lac"), Hartford, Conn.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White" Engine Enamel), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Nice Eugene E., 272 So. 2nd, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Perry-Derrick Varnish Co., Vine & C. & O. Ry, Dayton, Ky.
Pratt & Lambert Inc., Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
THOMPSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Enamels (Aluminum)

See Paints, Aluminum & Gold

4305—Enamels (Architectural)

Atlas Paint Co. ("A. P." White), Nashville, Tenn.
Chicago Varnish Co. ("Flo-White"), 2100 Elston av, Chicago, Ill.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Lucas John & Co., 322 Race, Phila., Pa.
Murphy Varnish Co. (Exterior & Interior White, etc), 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 So 2nd, Phila., Pa.
Unkefer Geo. R. Co., 1827 Le Claire av, Chicago, Ill.
Valentine & Co. ("Lawson" Exterior & Interior White, etc), 456 4th av, New York
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4306— Enamels (Baking)

Akron Varnish Co., Akron, O.
American Enamel Co., Providence, R. I.
American Graphite Co., Cleveland, O.
Arlington Mfg. Co, Canton, O.
Arnstein Eugene, 3433 S Racine av, Chicago, Ill.
Benoit Company A. ("Permatex"), Jerome av, Brooklyn, N. Y.
Boston Varnish Co. ("Black Dazzle"), Everett Station, Boston, Mass.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
California Paint Co., Oakland, Cal.
Chase Roberts & Co. ("Kismet" & "Ozone"), West av, Long Island City, N. Y.
Clement Coverall Co., Camden, N. J.
Condensite Co. of America ("Technical"), Bloomfield, N. J.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Essex Varnish Co., 213 McWhorter, Newark, N. J.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
General Bakelite Co. ("Bakelite"), 2 Rector, New York
Hilo Varnish Co., Marcy & Flushing avs, Brooklyn, N. Y.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
McDougall Varnish Co., 24 Evans, Buffalo, N. Y.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mets P. A. Paint Co. ("Besco" & "True"), 769 Clinton, Buffalo, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 So 2nd, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Le Claire av, Chicago, Ill.
Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Perry-Derrick Varnish Co., Vine & C. & O. Ry., Dayton, Ky.
Pratt & Lambert Inc., Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Works, 90 West, New York
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
Valentine & Co., 456 4th av, New York
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4307— Enamels (Bath Tub)

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
Arnstein Eugene, 3433 S Racine av, Chicago, Ill.
Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 262 Fulton, Brooklyn, N. Y.
Burdsal A. Co. (Interior Finishing Mill Whites). Factory: Indianapolis, Ind.
Calman Emil & Co. ("Enamolin," White), 100 William, New York
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Continental Products Co., Quebec av, Cleveland, O.
Davis H. B. Co., Bayard & Severiln, Bal-
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Elastic Compound Paint Co. ("Elastic Compound Armature Black"), 5131 Kershaw, Phila., Pa.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Globe Varnish Co. ("Edgar's"), Kelly & La Schall, Pittsburgh, Pa.
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Miller & Graham, 21 S Gay, Baltimore, Md.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 S 2nd, Phila., Pa.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert (Inc.), ("Vitralite"), Buffalo, N. Y.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 W av, Long Island City, N. Y.
THOMSON WOOD FINISHING CO., 329 N. 3rd, Phila., Pa.
See adv index at end of book
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4308— Enamels (Brewers')

French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Dehls & Stein, Inc. (Black Tank), 239 South, Newark, N. J.
Gimbel Geo. & Co., Inc., 24 Stone, New York
Hamrick Tank & Barrel Hard Shell Enameling Co., 5831 Wissahickon av., Phila., Pa.
Hilo Varnish Co., Marcy & Flushing avs, Brooklyn, N. Y.
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert, Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4309-10— Enamels (Flat)

Chicago Varnish Co. ("Eggshell-White"), 2100 Elston av, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Phila, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.

Enamels (Gold)

See Paints, Aluminum & Gold

Enamels (Iron)

See Enamels, Baking; Enamels, Stove Pipe; Paints for Coating & Preserving Iron & Steel

4311—Enamels (Locomotive, Truck & Car)

Lucas John & Co., 322 Race, Phila., Pa.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 So 2nd, Phila., Pa.
Parker C. H. Co., Valparaiso, Ind.
Patton Paint Co., Milwaukee, Wis.
Standard Varnish Wks., 90 West, New York
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.

4312— Enamels (Porcelain)

Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Ferro Enameling Co., Sweetland bldg, Cleveland, Ohio
Rinald Bros., 1142 N Hancock, Phila., Pa.

4313— Enamels (Radiator)

American Enamel Co., Providence, R. I.
Arnstein Eugene, 3433 S Racine av, Chicago, Ill.
Brown Chas. H. Paint Co. ("Statesman"), 262 Fulton, Brooklyn, N. Y.
Davis H. B. Co., Bayard & Severn, Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York *See adv index at end of book*
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Gerstendorfer Bros., 221 E 42d, New York
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 So 2nd, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
O'Brien Varnish Co., South Bend, Ind.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert (Inc.), Buffalo, N. Y.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4314—Enamels (Storage Battery)

Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Sherwin-Williams Co. ("S.-W." Insulating), Cleveland, O.
Standard Varnish Wks., 90 West, New York
Sonneborn L. Sons, 262 Pearl, New York

4315— Enamels (Stove Pipe)

American Enamel Co., Providence, R. I.
Black Silk Stove Polish Works, Sterling, Ill.
Boston Varnish Co., Everett Station, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 262 Fulton, Brooklyn, N. Y.
Cambria Paint & Color Co. (Ltd.) ("Black Boy"), Johnstown, Pa.
Certain-teed Products Co., St. Louis, Mo.
Day Jas. B. & Co. ("Elston"), 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del.
See adv index at end of book
Gerstendorfer Bros., 221 E 42d, New York
Glidden Co. (Protective Black), Madison av & Berea rd, Cleveland, O.
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nubian Paint & Varnish Co. ("Bonnell's" "English"), 1856 Leclaire av, Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Prince Jas. H. Paint Co., 5 Lancaster, Boston, Mass.
Rath Mfg. Co. ("Pipe Dream"), Hedley E of Richmond, Phila., Pa.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4316—Enamels (Window Screen)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del.
See adv index at end of book
Gerstendorfer Bros. ("Sapolin") 221 E 42d, New York
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co. ("Gold Star," "Scotch White," "Tiger White"), W Carson, Pittsburgh, Pa.
See adv index at end of book
Masury John W. & Son, 50 Jay, Brooklyn, N.Y.
Moser Chas. Co., Cincinnati, O.
Nice Eugene E., 272 S 2d, Phila., Pa.
Richmond Bros., 616 Main, Cincinnati, O.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.

4317—Encasing (Lead Cable)

Robertson John & Co., 133 Water, Brooklyn, N. Y.

4318— *End Flights

Jeffrey Mfg. Co., 961 N 4th, Columbus O.
See adv index at end of book

4319— Ends (Bolt)

American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So. Bethleham, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R.I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft. of E 63rd, Cleveland, O.
Lamson & Sessions Co., 2188 Sevauton rd, S. W., Cleveland, O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, ft. of Weldrum, Detroit, Mich.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices, Alphabetical Section
Reynolds James Mfg. Co., New Haven, Conn.
Rhode Island Tool Co. (With Square Nut), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Upson Nut Co., Cleveland, O.

4320— Ends (Canopy)

Union Forging Co., Union, N. Y.

4321— Ends (Car)

Van Dorn Coupler Co. ("Van Dorn" One-Piece Steel), 2325 S Paulina, Chicago, Ill.

4322— Ends (Curtain Pole)

Judd H. L. Co., 87 Chambers, New York

4323— Ends (Joint)

Baldwin E. N. (For Carriage Tops), Shelton, Conn.
Union Forging Co., Union, N. Y.

4323a—*Ends-Rod (Drop Forged)

Williams J. H. & Co. (Unfinished), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4324— Ends (Rod & Yoke)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Williams J. H. & Co. (Drop-Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

4325— Ends (Shaft)

Crandal-Stone Division The Brewer-Titchener Corp. ("Pioneer"), Binghamton, N. Y.
Steel Socket Shaft End Co. (Spliced Joint), 1432 E 49th, Cleveland, O.

4326—Engine Parts (Aeroplane)

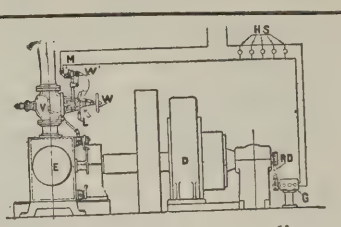
Allegheney Forging Co., Keenan bldg., Pittsburgh, Pa.
Aluminum Castings Co., 2210 Harvard av, Cleveland, O.
Barcalo Mfg. Co., Buffalo, N.Y.
Burd High Compression Ring Co., 23rd av & 10th, Rockford, Ill.
Crosby Steel Gage & Valve Co., 40 Central, Boston, Mass.
Doehler Die Casting Co., 9th & Court, Brooklyn, N. Y.
Erie Specialty Co., 510 W 12th, Erie, Pa.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Hayes Mfg. Co., Detroit, Mich.
Hydraulic Pressed Steel Co., 3812 E 61st, Cleveland O.
Levett Walker M. Co., 417-421 E 23rd, New York
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pressed Steel Products Co., 50 Church, New York
Standard Parts Co., Edgewater Park, Cleveland, O.
Stimpson Edwin B. Co., 68 Franklin av., Brooklyn, N.Y.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Tioga Steel & Iron Co., Philadelphia, Pa.
Williams J. H. & Co., Richards, Brooklyn, N. Y.
Wyman-Gordon Co., Worcester, Mass.

4327-8— Engine Shields & Guards

Dufur & Co., 311 N Howard, Baltimore, Md.
Kraft A. C., 323 W Lake, Chicago, Ill.
North East Electric Co., Rochester, N. Y.
Strandwitz & Scott, Camden, N. J.

4329—Engine Stops (Speed Limit)

Consolidated Engine Stop Co. ("Monarch," "Corliss," "Columbia"), 133 W. 19th, New York
Falls Machine Co., Sheboygan Falls, Wis.
Ford Thos. P. Co., 407 Broome, New York
Hennebohle Frank, 31st & S. Chicago av, South Chicago, Ill.
See adv index at end of book
Locke Regulator Co. ("Locke" Automatic for Steam, Electric & Mechanical), Salem, Mass.
Racine Brass & Iron Co. (For Ford Only), Racine, Wis.
SCHUTTE & KOERTING CO. ("Schutte" Steam & Electrically Operated), 1251 N 12th, Phila., Pa.
See adv index at end of book



Overspeed governor or distant switch operated trip throttle or butterfly valve on prime mover. Quick positive action.
Catalog 8-D.
SCHUTTE & KOERTING CO.
1251 North 12th Street, Philadelphia, Pa.

Simplex Mfg. Co. (For Fords), Anderson, Ind.
SPRINGER & HARGITT ("Single's" for Corliss Engines), Hamilton, O.
Strong Carlisle & Hammond Co. ("Strong" Automatic Gas or Steam), 336 Frankfort av, N W, Cleveland, O.

4330—Engine & Boiler Combined

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Davis-Watkins Dairymen's Mfg. Co., Dept. H, North Chicago, Ill.
Enterprise Co., Columbiana, O.
Erie Pump & Engine Works ("Erie" Side & Center Crank), 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Farquhar A. B. Co. (Ltd.), York, Pa.
Frick Co., Waynesboro, Pa.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
HUNT ROBERT W. & CO., 175 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Murray Iron Works Co. (Vertical), Burlington, Ia.
Orr & Sembower, Reading, Pa.
Peer Mfg. Co., Comstock, Mich.
Salem Iron Works, Salem, N. C.
Toomey Frank Inc. (Dealers), 127 N 3rd, Phila., Pa.

4331—Engine & Motor Parts

Acklin Stamping Co., 1659 Dorr, Toledo, Ohio *See adv index at end of book*
Detroit Screw Works, 348 Franklin, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

4332—Engineering Schools & Colleges

ALABAMA.

TUSKEGEE—Tuskegee Normal & Industrial School

CALIFORNIA.

BERKELEY—University of California
OAKLAND—Polytechnic College of Engineering, 1310 Madison
Van der Naillen's School of Engineering
PASADENA—Throop College of Technology
SAN FRANCISCO—Cogswen Polytechnic College, 26th & Folsom
St. Ignatius University College
Stanford University Dept. of Engng.
Van der Naillen's School of Engineering, Sheron bldg
SAN LOUIS OBISPO—California Polytechnic School
STANFORD UNIVERSITY—Leland Stanford Jr. University

CONNECTICUT.

NEW HAVEN—Yale University (Sheffield Scientific School)

DELAWARE.

NEWARK—Delaware College

DISTRICT OF COLUMBIA.

WASHINGTON—Catholic University School of Technological Sciences
Howard University, 6th & Howard pl.
George Washington Univ.

GEORGIA.

ATLANTA—Georgia School of Technology

ILLINOIS.

CHICAGO—Armour Institute of Technology, 3300 Federal
De Paul University, 1010 Webster
Lewis Institute
Loyola Univ. Engng. Dept.
EVANSTON—Northwestern University
PEORIA—Bradley Polytechnic Institute
URBANA—Univ. of Ill. (College of Engineering)

INDIANA.

ANGOLA—Tri-State College
INDIANAPOLIS—Winona Technical Institute
LAFAYETTE—Purdue University
NOTRE DAME—University of Notre Dame
RICHMOND—Earlham College
TERRE HAUTE—Rose Polytechnic Institute
VALPARAISO—Valparaiso University

IOWA.

MOUNT VERNON—Cornell College

KENTUCKY.

LEXINGTON—University of Kentucky

LOUISIANA.

BATON ROUGE—Louisiana State Univ.
NEW ORLEANS—Tulane Univ. of La.
College of Technology, St. Charles av

MARYLAND.

BALTIMORE—Baltimore Polytechnic Institute, North av, Calvert
John Hopkins Univ., Dept. of Engng., Homewood
NORTH TAKOMA—Bliss School of Electricity.

MASSACHUSETTS.

AMHERST—Mass. Agricultural College
BOSTON—Hawley School of Engng.
Wentworth Inst.
CAMBRIDGE — Harvard Engineering School
Mass. Institute of Technology
EAST NORTHFIELD—Northfield Schools, Dept. H
WORCESTER—Worcester Polytechnic Institute

MINNESOTA.

ANN ARBOR—University of Michigan
DETROIT—Detroit Tech. Inst., Adams & Witherell
University of Detroit Engng. Dept., 348 E. Jefferson
HOUGHTON—Michigan College of Mines
LANSING—Michigal State Agricultural College, Engng. Dept.

MINNESOTA.

MINNEAPOLIS—University of Minnesota (School of Mines), S. E. Minneapolis
ST. PAUL—Univ. of Minnesota (Division of Agricultural Engineering), University Farm

MISSOURI.

COLUMBIA—Univ. of Missouri School of Engng.
ROLLA—Missouri School of Mines and Metallurgy
ST. LOUIS — Washington University, Skinker & Lindell

MONTANA.

BOZEMAN—Montana State College
BUTTE—Montana State School of Mines

NEW HAMPSHIRE.

HANOVER—Dartmouth College (Prof. Robert Fletcher, Director)
Thayer School of Civil Engng.

NEW JERSEY.

HOBOKEN—Stevens Institute of Technology
NEWARK—Indicator Instruction Co.
Newark Technical School, 367 High
NEW BRUNSWICK—Rutgers College
PRINCETON—Green (John C.) School of Science
Princeton University

NEW YORK.

ALBANY—Union Univ. Engng. School
ITHACA—Cornell University, Sibley College of Mech. Engng.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Heffley Institute
Polytechnic Institute, 85 Livingston
Pratt Institute of Science & Technology, 215 Ryerson

Boroughs of Manhattan and Bronx.

NEW YORK—Columbia University, W 116th nr Amsterdam av
Cooper Union, Cooper sq
Hebrew Tech. Inst., 34 Stuyvesant
Manhattan College, 131st & B'way
New York Academy of Science, 77th & Central Pk. West
New York University, University Hts.
(End of New York City)

POTSDAM—Clarkson College of Technology
ROCHESTER—Rochester Athenaeum & Mechs. Inst.
SCHENECTADY—Union College
SYRACUSE—Syracuse University
TROY—Rensselaer Polytechnic Institute

OHIO.

ADA—College of Engineering
Ohio Northern Univ.
AKRON—Univ. of Akron
CINCINNATI—Cincinnati Tech. School
Institute of Applied Arts
McDonald Educational Inst., 7th & Walnut
Ohio Mechanics Inst.
University of Cincinnati, Tech. School, Burnet Woods pk
CLEVELAND—Case School of Applied Science, Euclid av, opp. Wade pl
COLUMBUS—Ohio State University
GRANVILLE—Denison University
GREENVILLE—Wayne Technical Inst.
TOLEDO—Toledo Univ. Indus. Science

OREGON.

CORVALLIS—Oregon State Agricultural College
EUGENE—Univ. of Oregon

PENNSYLVANIA.

CHESTER—Penna. Military College
EASTON—Lafayette College
GROVE CITY—Grove City College (Dept. of Mech. & C. E.)
HAVERFORD—Haverford College
LANCASTER—Bowman Technical School
LEWISBURG—Bucknell University (Dept. of C. E.)
MEADVILLE—Allegheny College
PHILADELPHIA — Drexel Institute of Art, Science & Industry, Chestnut & S 32d
Temple Univ.
University of Pa., S 34th e Woodland av
PITTSBURGH—Carnegie Institute of Technology, Schenely Pk
University of Pittsburgh, Grant blvd & Parkman
STATE COLLEGE—Penna. State College
SWARTHMORE—Swarthmore College
VILLANOVA—Villanova Coll. of Technology

RHODE ISLAND.

PROVIDENCE—Brown University, Prospect

SOUTH DAKOTA.

BROOKINGS—So. Dakota State College
RAPID CITY—State College of Mines

TENNESSEE.

KNOXVILLE—University of Tennessee
MEMPHIS—Moore (Wm. R.) College of Technology
NASHVILLE—Vanderbilt University
SEWANEE—University of the South

VERMONT.

BURLINGTON—University of Vermont & State Agricultural College

WASHINGTON.

PULLMAN—State College of Washington, College of Mechanical Arts & Engng.
SEATTLE—University of Washington, Dept. of Elec. Engng.

WISCONSIN.

MADISON—University of Wisconsin, College of Mechanics & Engg.
MILWAUKEE—Marquette Univ. Coll. Applied Science & Engng.

4333—Engineering & Surveying Instruments

Ainsworth Wm. & Sons, Denver, Colo.
Aloe A. S. Co., 513 Olive, St. Louis, Mo.
Anderson Supply Co., Seattle, Wash.
Architects & Engineers Supply Co., 913 Grand av, Kansas City, Mo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckman L. Co., 1003 Jackson, Toledo, O.
BERGER C. L. & SONS, 37 Williams, Boston, Mass.
Brandis & Sons Mfg. Co., 754 Lexington W., Brooklyn, N. Y.
Buff & Buff Mfg. Co., 98 Green, Jamaica Plain, Boston, Mass.
Chicago Steel Tape Co. (Rod Ribbons for Leveling Rods, Marking Pins or Arrows & Lining or Transit Poles), 6231 Cottage Grove av, Chicago, Ill.
Cleveland Metal Stamping Co., Cleveland, O.
Cole H. Co., 68 E Gay, Columbus, O.
Crofoot Nielsen & Co., 172 W Washington, Chicago, Ill. *See adv index at end of book*
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Dodd Co., 1936 E 6th, Cleveland, O.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Fielder & Allen Co. (Jobbers), Dept. H, Atlanta, Ga.
Fink Instrument Co., 804 Pine, St. Louis, Mo.
Frost & Adams Co., 25-29 Arch, Boston, Mass.
Geier & Bluhm, Troy, N. Y.
Gurley W & L. E., Troy, N. Y.
HELLER & BRIGHTLY, Dept. H, 1122 Spring Garden, Phila., Pa.
Keuffel & Esser Co., Hoboken, N. J.
Kolesch & Co., 138 Fulton, New York
Kurtz, Langbein & Swartz, 535 Wood, Pittsburgh, Pa.
Lallie Surveying Instruments & Supply Co., Denver, Colo.
Ledder & Probst, 21 Pearl, Boston, Mass.
Leupold Voelpel & Co., 107 E 70th N, Portland, Ore.
Lietz A. Co., 61 Post, San Francisco, Cal.
Lowman & Hanford Co. (Dealers), Seattle, Wash.
Makepeace B. L., 387 Washington, Boston, Mass.
New York Blue Print Paper Co., 102 Reade, New York
PEASE C. F. CO., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book

Pennsylvania Instrument Company
MANUFACTURERS OF
Engineering and Surveying Instruments
Machinists' Levels
Repairing of All Makes
616-618 Chestnut St., Philadelphia, Pa.

Pfister Wm. H., 230 W 4th, Cincinnati, O.
Pittsburgh Instrument & Mach Co., 236 3rd. av, Pittsburgh, Pa.
Post Frederick Co. (Post's "Standard American"), 319 S Wabash av, Chicago, Ill.
Prince L. M. Co., 103 W 4th, Cincinnati, O.
Queen-Gray Co., 64H W Johnson, Phila., Pa.
Randolph T. F. Co., 238 E 5th, Cincinnati, O.
Seelig R. & Son (Mfrs.), 231 N 5th av, Chicago, Ill.
Ulmer J. C. Co., E 38th & Kelly, Cleveland, O.
United States Blue Print Paper Co., 327 S La Salle, Chicago, Ill.
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
Weber F. & Co., 1220 Buttonwood, Phila., Pa., also St. Louis, Mo., & Baltimore, Md.
White David Co. Inc., 901 Chestnut, Milwaukee, Wis.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Wissler A., B'way & Wash av, St. Louis, Mo.
Young & Sons (Mfrs.), 43 N 7th, Phila., Pa.

4334—Engineers (Architectural & Structural Consulting)

Allen & Garcia Co., 21 E Van Buren, Chicago, Ill.
Andrews Engineering Co., Bessemer bldg, Pittsburgh, Pa.
Averill F. L., Library of Congress, Washington, D. C.
Baxter A. E. Engineering & Appraisal Co., Buffalo, N. Y.
Bird Thos. J., 103 Park av, New York
Black Hawk Construction Co., Waterloo, Ia.
Black Jas. Masonry & Contr. Co., Arcade bldg, St. Louis, Mo.
Blair Engineering Co., 343 S Dearborn, Chicago, Ill.
Brabant, Gifford (Structural), 2717 N Kedzie av, Chicago, Ill.
Cannon-Swanson Co. (Consulting & Designing, Sugar, Chemical & Industrial Plants), 53 W Jackson blvd, Chicago, Ill.
Chase Frank D., Inc., 645 N Michigan av, Chicago, Ill.
Condron Co., Monadnock bldg, Chicago, Ill.
Daly M. J. & Sons (Power Plants, Heating & Ventilating), Waterbury, Conn.
Day & Zimmermann, Inc., 611 Chestnut, Philadelphia, Pa.
Duff Samuel E. (Bridge Designers), Pittsburgh, Pa.
Electro-Chemical Supply & Engng. Co., 21 So. 12th, Phila., Pa.
Ferguson John W. Co., 253 Broadway, New York
Fergusen J. B. & Co., 43 N Jonathan, Hagerstown, Md.
Fleisher W. L. & Co., Inc., 31 Union sq, New York
Folwell Ahlskog Co. (Concrete Reinforced), McCormick bldg, Chicago, Ill.
Freeland Roberts & Co., Independent Life bldg, Nashville, Tenn.
Gilmore A. L. (Structural), Binghamton, N. Y.
Glafey F. A., Keenan bldg, Pittsburgh, Pa.

ENGINEERS (Architectural & Structural CONSULTING—continued

Hansen A. E. (Water Supply & Purification Trade & Industrial Wastes Treatment Sewage Disposal), 2 Rector, New York
Hughes-Foulkrod Co., 624 Oliver bldg, Pittsburgh, La.
Graff Engineering Corp., 150 Nassau
Green Samuel M. Co., Springfield, Mass.
Hill Geo., 31 E 27th, New York
Hoag D. F. & Co. (Designing & Construction), Com. Exchange bldg, Minneapolis, Minn.
Hughes-Foulkrod Co., Oliver bldg, Pittsburgh, Pa.
Industrial Furnace Corp. (Heat Treating), 10 Post Office sq, Boston, Mass.
Jones Robt. Ross, Harrisburg, Pa.
Lakeside Bridge & Steel Co. (Designers and Erectors), 402 Villard av, N Milwaukee, Wis.
Laughlin Alex & Co., Pittsburgh, Pa.
Lietz A. Co., 61 Post, San Francisco, Cal.
Lowinson Oscar, 5 W. 31st, New York
Lucius Engineering Co. (Designers & Erectors), Hartje bldg, Pittsburgh, Pa.
Lund, Jas. B., 19 S La Salle, Chicago, Ill.
Luten Daniel B. (Designing of Reinforced Concrete Bridges), Indianapolis, Ind.
Main Thos. B., Stephen Girard bldg, Phila., Pa.
Meads Chas. & Co., 38 Park pl, New York
Modjeski Ralph (Designing, Inspection & Construction of Bridges, Viaducts, Trestles, etc), 220 S Michigan av, Chicago, Ill.
Morse Edwin K., 316 Fourth av, Pittsburgh, Pa.
Newlands Sanitary Laboratory (For Water Filtration & Sewage Disposal), 111 Laurel, Hartford, Conn.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.
Packers Architectural & Engineering Co., Packing House, 431 S Dearborn, Chicago, Ill.
Perin C. P. & Marshall S. M., 1107 Broadway, New York.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Price T. W. Engineering Co. (Industrial Plants), 233 B'way, New York
Process Engineers, Ltd., 501 Fifth av, New York
Purdy & Henderson, 45 E 17th, New York & 106 S Michigan av, Chicago, Ill.
Raque Philip E. (Consulting), 132 Nassau, New York
Richardson & Gay, 220 Devonshire, Boston, Mass.
Roberts C. B. Engng. Co. (Consulting), 19 Milk, Boston, Mass.
Roberts Frank C. & Co., Real Estate Trust bldg, Phila., Pa.
Robinson Dwight P. & Co., Inc., 125 E 46th, New York
Russel Wheel & Foundry Co. (Structural Consulting), Chene Bl, R.R., Detroit, Mich.
Scherzer Rolling Lift Bridge Co., Monadnock block, Chicago, Ill.
Scofield Engng. Co., Comm'l Tr. bldg., Phila., Pa.
Shankland E. C. & R. M. (Designers of Building Bridges & Foundations), 209 S La Salle, Chicago, Ill.
Short-Mynaugh Contrg. Co., 26 N Desplaines, Chicago, Ill.
Spellman Jos. R., 300 W 121st, New York
Stebbings W. L., Monadnock blk, Chicago, Ill.
STEWART JAS. & CO., INC., Boatmen's Bank bldg, St. Louis, Mo.
Swensson Emil, Frick bldg, Pittsburgh, Pa.
Tucker Edward A. Co., 101 Milk, Boston, Mass.
Union Iron Works of Los Angeles, Inc., 5125 Santa Fe, Los Angeles, Cal.
Viele Blackwell & Buck, 49 Wall, New York
Watson Engineering Co., Hippodrome bldg, Cleveland, O.
Westcott & Mapes, Inc., New Haven, Conn.
Wilkins W. G. Co., Westinghouse bldg, Pittsburgh, Pa.
Wright Percy E. Engng. Co., L. C. Smith bldg, Seattle, Wash.

4335—Engineers (Cement Plants)

Fuller Engng. Co., Fullerton, Pa.
Osborn Engineering Co., Cleveland, O.
Smidth F. L. & Co., 50 Church, New York
Spackman Henry S., 2024 Arch, Philadelphia, Pa.

4336— Engineers (Chemical)

See also Laboratories, Testing

Andrews Engineering Co., Bessemer bldg, Pittsburgh, Pa.
Booth, Garrett & Blair, 404 Locust, Phila., Pa.
Bowman Walker (Consulting & Expert Advice), 39 Cortlandt, New York
Burgess C. F. Laboratories, Madison, Wis.
Burgess & Long, Columbus Savings & Trust bldg, Columbus, O.
Cannon-Swenson Co. (Consulting & Designing), 53 W Jackson Blvd, Chicago, Ill.
Carmichael Henry, 88 Broad, Boston, Mass.
Colwell Lewis, 25 E Jackson, Chicago, Ill.
Davis Geo. C., 39 S 10th, Phila., Pa.
Deavitt H. M., 209 La Salle, Chicago, Ill.
Deavitt Laboratories, 209 S La Salle, Chicago, Ill.
Deavitt Laboratories, 209 S La Salle, Chicago, Ill.
Dow & Smith (Consulting), 133 E 23rd, New York
Electro-Chemical Supply & Engn. Co., 21 So 12th Phila., Pa.
Elmore G. H., Colonial Trust bldg, Phila., Pa.
Emory & Eisenbrey, Harrison bldg., Phila., Pa.
Fleisher W. L. & Co., Inc., 31 Union sq. New York
Flood Walter H., 22 Quincy av, Chicago, Ill.
Garrigues Com. & Co., 154 Nassau, New York & Chicago, Ill.
Gould & Ash, 216 Pine, San Francisco, Cal.
Green Samuel M. Co., Springfield, Mass.
Hamlin & Morrison, 119 S. 4th, Phila., Pa.
Kalbperry Corpn. (Consulting & Designing), 31 Union sq, New York
Kansas City Testing Laboratory, Kansas City, Mo.
Laucks I. F. Inc., 99H Marion, Seattle Wash.
Little Arthur D., Inc., 30 Charles River, Boston, Mass.
Meade Richard K. & Co., 11 E Fayette, Baltimore, Md.
Moore Engineeering Co., Hagerstown, Md.
Moses, Pope & Messer, 366 5th Av., New York.
Pittsburgh Testing Laboratory, 7th av & Bedford, Pittsburgh, Pa.
Process Engineering Co., Penna. bldg. Phila., Pa.
Ricketts & Co., 280 Madison av, New York
Sadtler Sam'l P. & Son, 210 S 13th, Phila., Pa.
Schmatolla Ernst, 217 B'way, New York
Sherman Herbert L., 12 Pearl, Boston, Mass.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Sauther Henry Engng. Corp., 111 Laurel, Hartford, Conn.
Spackman Henry S., 2024 Arch, Philadelphia, Pa.
Staddon Donald R. & Co., 104-106 John, New York
Wiedemann H. E., Chemical bldg, St. Louis, Mo.

4337— *Engineers (Civil)

Alvord & Burdick (Consulting), S Dearborn, Chicago, Ill.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Ferguson J. B. & Co. (Consulting), Hagerstown, Md.
Freeland Roberts & Co., Independent Life bldg, Nashville, Tenn.
Keith Herbert Co. (Consulting), 13 Park Row, New York
LEDOUX J. W. (Water Supply, Water Power, Power Plants), 112 N Broad, Phila., Pa.
Osborn Engineering Co., 2848 Prospect av, S E, Cleveland, O.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pollock & Tabor (Consulting), Park Row bldg, New York
Wright Percy E. Engng. Co., L. C. Smith bldg, Seattle, Wash.

4338— Engineers (Combustion)

American Industrial and Engineering Co., 53 W Jackson Blvd, Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Incinerator Co., 320 E N Water, Chicago, Ill.
Ferguson J. B. & Co., 43 N Jonathan, Hagerstown, Md.
Fuller Engineering Co., Dept. H, Allentown Natl Bank bldg, Allentown, Pa.
Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.
Roberts C. B. Engng. Co., 19 Milk, Boston, Mass.
Burke Engineering Co. (Consulting), 49 Westminster, Providence, R. I.
Schmatolla Ernst, 17 B'way New York
Surface Combustion Co., 366 Gerard av, New York

Engineers (Concrete Reinforced)

See Concrete Steel Construction, Reinforced

4338a—*Engineers (Consulting, Designing & Industrial)

Cannon-Swenson Co., 53 W Jackson Blvd, Chicago, Ill.
Fuller Engng. Co., Fullerton, Pa.

4339— Engineers (Efficiency)

Cathrae John H. & Son, Marquette bldg., Chicago, Ill.
Emerson Co., 30 Church, New York.
Estes L. V., Inc., 202 S State, Chicago, Ill.
Green Samuel M. Co., Springfield, Mass.
Holmes E. J. & Co., 110 S. Dearborn, Chicago, Ill.
Jaquith Machinery Bureau, Inc., 144 Pearl, Boston, Mass.
Main Chas. T., 201H Devonshire, Boston, Mass.
Miller Franklin Bassett & Co., 347 Madison av, New York
Morrison Jos. E. Co., Penobscot bldg, Detroit, Mich.

4339a—Engineers (Industrial)

American Industrial & Engineering Co., 53 W Jackson Blvd, Chicago, Ill.
Chase Frank D., Inc., 645 N Michigan av, Chicago, Ill.
Ferguson H. K. Co., 6523H Enclid av, Cleveland, Ohio.
Guarantee Construction Co., 92 West, New York
Gutleben Bros. (Beet Sugar), H, New Call bldg, San Francisco, Cal.
Holmes E. J. & Co., 110 S Dearborn, Chicago, Ill.
Industrial Research Corp., P. O. Box 1633H, New Haven, Conn.
Railway & Industrial Engineers, Inc., 25H Broad, New York
Schlund J. J., 389 Pratt, Buffalo, N. Y.
Walter Co., First National Bank bldg, Chicago, Ill.

4340—Engineers (Inspecting & Testing)

See also Laboratories, Testing

Allentown Testing Laboratory, Allentown, Pa.
American Bureau of Inspections & Tests, Monadnock blk, Chicago, Ill.
Electrical Testing Laboratories, 80th & East End av, New York
Green Samuel M. Co., Springfield, Mass.
Gulick-Henderson Co., 21 Park Row, New York, & 525 3rd av, Pittsburgh, Pa.
Hildreth & Co. (Consulting, etc.), 15 Broad, New York
HUNT ROBERT W. & CO., 175 W Jackson blvd, Chicago, Ill.
LOVELL ALFRED (Consulting, etc.), 619 Harrison bldg, Philadelphia, Pa.
Modjeski & Angler, New Era bldg & Orchestra bldg, Chicago, Ill.
Noble R. E. & Co., 785 Market, San Francisco, Cal.
Pittsburgh Testing Laboratory, 7th av and Bedford, Pittsburgh, Pa.
Shoemaker F. A. (Consulting, etc.), Builders Exchange, Buffalo, N. Y.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.

Engineers (Marine)

See Architects, Naval

4341— Engineers (Mechanical)

Atkins Chas. G., Monadnock bldg, Chicago, Ill.
Berks Engineering Co., Reading, Pa.
Bodenstein & Surmann; 405 2nd Nat'l Bk., Cincinnati, Ohio
Clyne R. G. Engineering Co., 12th and Tyler, St. Louis, Mo.
Duff Samuel E., Empire bldg, Pittsburgh, Pa.
Ferguson J. B. & Co. (Consulting), Hagerstown, Md.
Freeland Roberts & Co., Independent Life bldg, Nashville, Tenn.
Frenier Maxime O., 531 Union, Springfield, Mass.
Fuller Engng. Co., Fullerton, Pa.
Greene Samuel M. Co., Springfield, Mass.
GRISCOM-RUSSELL CO. (Consulting & Contracting), 92 West, New York, & Massillon, O. *See adv index at end of book*
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Johns Engineering Co., 625 Champlain av, Cleveland, O. *See adv index at end of book*
King R. D., 51 W Jackson, Chicago, Ill.
See adv index at end of book
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Los Angeles Engineering & Mfg. Co. (Consulting), 1212 E 6th, Los Angeles, Cal.
Meade Richard K. & Co., 11 E Fayette, Baltimore, Md.
Neiler Rich & Co., Manhattan bldg, Chicago, Ill.
Osborn Engng. Co., 2848 Prospect av, Cleveland, O.
Price Bros., Frederick, Md.
Roberts C. B. Engng. Co., 19 Milk, Boston, Mass.
Rocksby E. J. & Co., 435 N 11th, Philadelphia, Pa.
Sargent & Landy, 72 W Adams, Chicago, Ill.
Security Tool Works, 115 S Clinton, Chicago, Ill.
Souther Henry Engng. Corp. (Consulting), 111 Laurel, Hartford, Conn.
Stierlin Machine & Die Works, 625 W Jackson blvd, Chicago, Ill.
Twin-O-Matic Machine & Tool Co., Inc., 160 John, Brooklyn, N. Y.
See adv index at end of book
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
Vaughn Machinery Co. (Wire, Rubber & Fire-Weld Chain Equipment), Cuyahoga Falls, O.
See adv index at end of book
Watson Engng. Co., Hippodrome bldg, Cleveland, O.
Worcester Richard H., Honolulu, T. H.
Wright, Percy E. Engng. Co., L. C. Smith bldg, Seattle, Wash.

4342—Engineers (Metallurgical & Mining)

Allen & Garcia Co. (Coal Mining), 21 E Van Buren, Chicago, Ill.
Amsler Morton Co., Hoboken, Pa.
Bierbaum-Dollar, Buffalo, N. Y.
Bradley Chas. S. & Sons, 39 W 38th, New York
Brodie Walter M., 49 Cedar, New York.
Carmichael Henry, 88 Broad, Boston, Mass.
Constant C. L. Co. (Consulting), 42 New, New York
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Dorr Co. (Specialty, Cyandiation), Denver, Colo.
Dwight & Lloyd Metallurgical Co., 29 B'way, New York
Falkenburg & Co., 116 Yesler Way, Seattle, Wash.
Fuller Engng. Co., Fullerton, Pa.
Gulick-Henderson Co., 145 W 36th, New York
Hanson Henry, 85 2nd, San Francisco, Cal.
Hollis H. L., 122 S Michigan av, Chicago, Ill.
Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
Indiana Laboratories Co., Inc., Hammond, Ind.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
Kalbperry Corp., 31 Union sq, New York
Kirby Edmund B., Security bldg, St. Louis, Mo.
Knox & Allen (Consulting), 17 Madison av, New York
Laucks F. F., Inc., 99 Marion, Seattle, Wash.
Olcott & Corning, 36 Wall, New York
Oliver Edwin L., 503 Market, San Francisco, Cal.
Packard Geo. A., 50 Congress, Boston, Mass.
Peters Edw. D., 38 Percival, Boston, Mass.
Richardson Research Laboratory (Precious Metals), Sloan bldg, Cleveland, Ohio
Ricketts & Co., 280 Madison av, New York
St. Louis Sampling & Testing Works, 713 Clark av, St. Louis, Mo.
Sauveur & Boylston (Metallurgy of Iron & Steel), Cambridge, Mass.
Schmatolla Ernst, 217 B'way, New York
SINTERING MACHINERY CORP., Netcong, Morris Co., N. J.
See adv index at end of book
Souther Henry Eng. Corp. (Consulting), 111 Laurel, Hartford, Conn.
Southwestern Engineering Co. (Mining), 606 S Hill, Los Angeles, Cal.
Spilsbury E. Gylbon Engineering Co. (Consulting), 45 B'way, New York
Tropenas Converter Co. (Consulting), 2243 Nostrand av, Brooklyn, N. Y.
Twin-O-Matic Machine & Tool Co., Inc., 160 John, Brooklyn, N. Y.

4343— Engineers (Mill)

See also Architects & Engineers for Paper Mills
American Machine & Mfg. Co. (Cotton Seed & Vegetable Oil), Atlanta, Ga.
Baxter A. E. Engineering & Appraisal Co. **(Flour & Cereal Mill Const.), Buffalo,** N. Y.
Brabant Gifford, 2717 N Kedzie av, Chicago, Ill.
Brown John G., Witherspoon bldg, Phila., Pa.
Buss Edw. A., 85 Water, Boston, Mass.
Carey James L., 208 N Laramie av, Chicago, Ill.
Case Willard Co., 17 Battery pl, New York
Chapman C. A., 28 Jackson blvd, E, Chicago, Ill.
Chase Frank D., Inc., 645 N Michigan av, Chicago, Ill.
Clark Earl S. & Co., Turks Head bldg, Providence, R. I.
Coolidge Roger E., Southbridge, Mass.
Dean F. W., 53 State, Boston, Mass.
Duff Samuel E., Empire bldg, Pittsburgh, Pa.
Dyer W. E. S., Land Title bldg, Phila., Pa.
Emory & Eisenbrey, Harrison bldg, Phila., Pa.
Ferguson Hardy S. (Consulting), 200 5th Ave., New York.
Fleisher W. L. & Co., Inc., 31 Union sq, New York
Fletcher Thompson, Inc., Bridgeport, Conn.
Furman-Fisher Corp., 32 Church, New York
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
Gray Arthur F., 509 Exchange bldg, Boston, Mass.
Green Samuel M. Co., Springfield, Mass.
Griffin Chas., 21 Arch, Lowell, Mass.
Hardy Geo. F. (Paper Mills, etc), 309 B'way, New York
Hooper-Falkenau Engng. Co., 103 Park av, New York
Hutchens Edward (Rubber), 866 Superior, Milwaukee, Wis.
Jones E. D. & Sons Co., Pittsfield, Mass.
Kimball F. J. Co., 1860 E 15th, Los Angeles, Cal.
Kimball Herbert S. (Rubber & Paper Mills, etc), 111 Devonshire, Boston, Mass.
Kitfield Edw. H., 85 Waters, Boston, Mass.
Kimberly C. B. Co., Wheeling, W. Va.
Knoeppel C. E. & Co., Inc., 6 E 39th, New York
Lane H. M. Co. (Consulting), Owen bldg, Detroit, Mich.
Lockwood, Greene & Co., 60 Federal, Boston, Mass.
McIntosh Samuel Froser, Turks Head bldg., Providence, R. I.
Main Chas. T., 201 Devonshire, Boston, Mass.
Makepeace C. R. & Co., 429 Butler Exch., Providence, R. I.
Meade Richard E. & Co., 11 E Fayette, Baltimore, Md.
Mortensen & Co., 405 Lexington av, New York
Newhall Engineering Co. (Paper & Pulp Mills, Sugar Refineries, Cement Plants, etc.), 149 B'way, New York
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.
Peuckert & Wunder, 310 Chestnut, Phila., Pa.
Potter Alexander, 50 Church, New York
Praray Chas. W., Times bldg., New Bedford, Mass.
Read-Dresser Engng. Co., 149 B'way, New York
Richmond Knight Co., 10 Weybosset, Providence, R. I.
Reidpath Robert J. & Son, Builders Exch., Buffalo, N. Y.
Roberts C. B. Engng. Co., 19 Milk, Boston, Mass.
Robinson Dwight P. & Co., Inc., 125 E 46th, New York
Sadtler P. B. (Paper & Pulp), 53 W Jackson blvd, Chicago, Ill.
Sawyer Edw. G. Co., 12 Providence court, Boston, Mass.
Sellers Philip, 207 Orange, New Haven, Conn.
Sheldon F. P. & Son, Hospital Trust bldg, Providence, R. I.
Simons V. D., 39 S La Salle, Chicago, Ill.
Sirrine J. E. Greenville, S. C.
Smith & Henson, 10th & Westmoreland, Phila., Pa.
Skelton Joseph L. Engineering Co., 242 Water, Toledo, Ohio.
Snow S. M., 55 Kilby, Boston, Mass.
Spackman Henry S., 2024 Arch, Philadelphia, Pa.
Stebbings W. L. (Consulting), Monadnock blk, Chicago, Ill.
Stebbins Engineering & Mfg. Co., Watertown, N. Y.
Taylor-Wilson Mfg. Co., Dept H., HcKees Rocks, Pa.
Tomlines Thos. L. (Consulting), Watertown, N. Y.
Tracy Engineering Co., Sheldon bldg, San Francisco, Cal.
Wallace Jos. H. & Co., 5 Beekman, New York
Whipple Eugene B., 17 Exchange, Providence, R. I.
Wolf Otto C. (& Brewery), Deuckla bldg, Phila., Pa.
Wright Percy E. Engng. Co., L. C. Smith bldg, Seattle, Wash.
Ziroli O. C. S., 306 Main, Worcester, Mass.

4344—Engineers (Modernizing)

American Rotary Pump Co. (Power Transmission), 67 Hampden, Boston, Mass.
Bierbaum-Dollar, Inc., Buffalo, N. Y.
Day & Zimmermann (Of Power & Manufacturing Plants), 611 Chestnut, Phila., Pa.
Green Samuel M. Co., Springfield, Mass.
Knowles Morris, Oliver bldg, Pittsburgh, Pa.
Waldron F. A., 37 Wall, New York

4345—Engineers (Power Plant)

Day & Zimmerman Inc., 611 Chestnut, Philadelphia, Pa.
Fuller Engineering Co., Allentown, Pa.
Robinson Dwight P. & Co., 125 E 46tth, New York.
Rust Engineering Co., 504H Dist. National Bank bldg, Washington, D. C.
Sargent & Lundy, 72 W Adams, Chicago, Ill.
Stone & Webster Engineering Corp., 147 Milk, Boston, Mass.
White J. G. Engineering Corp., 43H Exchange pl, New York.

4345a—Engineers (Production)

Knoeppel C. E. & Co., Inc., 6 E 39th, New York

4346—Engineers (Refrigeration)

Armstrong Machinery Co., Spokane, Wash.
See adv index at end of book
Comstock C. B., 110 W 40th, New York
Cooper Madison Co. ("Cooper" System), Calcium, N. Y.
Hastings Industrial Co., 326 W Madison Chicago, Ill.
Hettinger C. F. & Co., Boston, Mass.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
Johns-Manville Inc., Madison av and 41st, New York.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Lapham John G. Engineering Co., 30 Church, New York
McInnes, Chas. E. & Co., **Mariner & Merchants bldg, Phila., Pa.**
Refrigeration Engineering Co., Toledo, O.
Starr Engineering Co., 90 West, New York
Tait & Nordmeyer Engng. Co., 1107-9H Clark av, St. Louis, Mo.

Engineers Reinforced Concrete

See Concrete Steel Construction, Reinforced

4346a—*Engineers (Rock Products)

SCHAFFER ENGINEERING & EQUIPMENT CO., 2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*

4346b—Engineers (Rubber Plant)

Osborn Engng. Co., 2848 Prospect av., Cleveland, O.

4346c— Engineers (Sanitary)

Alvord & Burdick, 8 S Dearborn, Chicago, Ill.
Daly M. J. & Sons, Waterbury, Conn.
Newlands Sanitary Laboratory, Hartford, Conn.
Taylor Henry W., 154 Nassau, New York

4346d— *Engineers' Supplies

Lebby Engng. Co., Charleston, S. C.
VINCENT GEO. (Mfr. Victory Vellum Tracing Paper), 422 E 53d, New York.
VERBEEK HARRY CO. (Mfrs. Agent), 208 N. Wells, Chicago, Ill.

Engines

NOTE—**In order to avoid duplications when addressing Engine Mfrs., address "Engines (Automobile)," "Engines (Steam)" and "Engines (Gas & Gasoline)" only, as all other Engine Lists are duplications of the above.**

4347— Engines (Aeroplane)

Aeromarine Plane & Motor Co., Times bldg., New York.
Aero-Motion Co. of America, Wright bldg, St. Louis, Mo.
Ashmusen Mfg. Co., 266 Pearl, Providence, R. I.
Burgess Co., Marblehead, Mass.
Burgess W. Starling Co. (Ltd.), Marblehead, Mass.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Cleveland Aero Motor Co., Cleveland, O.
Curtiss Aeroplane & Motor Corp., Buffalo, N. Y.
Dayton Aero Motors Co., Dayton, O.
General Ordnance Co., Derby, Conn.
General Vehicle Co. (G. V. Gnome), Long Island City, N. Y.
Gyro Motor Co., 744 Girard, N W, Washington, D. C.
Hall-Scott Motor Co., Inc. (Type A-7a 100 H. P.), Crocker bldg, San Francisco, Cal.
Harriman Motors Co., South Glastonbury, Conn.
Hettinger Engine Co., Bridgeton, N. J.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
Kemp Machine Works, Muncie, Ind.
Maximotor Co., 1530 Jefferson Ave. E, Detroit, Mich.
Nichols & Wright Motor Co., Buffalo, N. Y.
Ordnance Engng. Corp., Equitable bldg., New York.
Packard Motor Car Co., Detroit, Mich.
Roberts Motor Co., Sandusky, O.
Rolls Royce, Ltd., 785 Fifth av, New York
Steel Products Engng. Co., Springfield, O.
Sterling Engine Co., Buffalo, N. Y.
Sturtevant B. F. Co. ("Sturtevant"), 15 **Damon, Hyde Park, Boston, Mass.**
Thomas-Morse Aircraft Corp., Ithaca, N. Y.
Union Gas Engine Co., Oakland, Cal.
United Eastern Aeroplane Corp., 1253 De Kalb Av., Brooklyn, N. Y.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Willy's Corp., 11H Pine, New York
Willys-Overland Co., Toledo, O.
Wisconsins Motor Mfg. Co., Burnham and 44th av, Milwaukee, Wis.
Worlds Motor Co., Bloomington, Ill.
Wright-Martin Aircraft Corp., New Brunswick, N. J.

4348— Engines (Alcohol)

Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Detroit Engine Work (2 to 20 H. P.), **Kercheval & Connors, Detroit, Mich.**
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
International Harvester Company of America (Inc.) ("International"), Harvester bldg, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
New Way Motor Co. ("New Way" Air Cooled), Lansing, Mich.
Otto Engine Mfg. Co., 33d & Walnut, Phila., Pa.

ENGINES (ALCOHOL)—continued
Standard Motor Construction Co., Jersey City, N. J.
Wadsworth Mfg. Co. ("Sandow" 2 to 20 H.P.), Kerchevl & Connors, Detroit, Mich.
Willard-Middletown Machine Co., Covington, Ky.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Engines (Artesian Well)

See Pumps, Artesian Well

Engines (Automatic)

See Engines, Steam, with the word "Automatic," etc, following Name

4349— Engines (Automobile)

American & British Mfg. Co., Charles, Providence, R. I.
Auto Engine Works (Gasoline), University & Griggs, St. Paul, Minn.
Bay State Motor Works (Gasoline), Holyoke, Mass.
Beaver Mfg. Co. ("Beaver," Gasoline), 1st & Oklahoma av, Milwaukee, Wis.
Brennan Motor Mfg. Co. (Gasoline), Syracuse, N. Y.
Buffalo Gasoline Motor Co., Buffalo, N. Y.
Chadwick Engineering Works ("Chadwick," Gasoline), Pottstown, Pa.
Clark Edw. S. (Steam), Boston, Mass.
Clinton Walter R., West Haven, Conn.
Continental Motor Mfg. Co. (Gas), Muskegon, Mich.
Cushman Motor Works (For Railways), Lincoln, Neb.
Davis Mfg. Co., Milwaukee, Wis.
Driggs Ordnance & Mfg. Corp., New Haven, Conn.
Falls Motors Corp., Sheboygan Falls, Wis.
Forsyth W. & Sons Co. (Gasoline), Lynn, Mass.
Gemmer Mfg. Co., 741 Merrick, Detroit, Mich.
Hatcher Auto Parts Co. (Gasoline), Cleveland, O.
Hercules Motor Mfg. Co., Canton, O.
Herschell-Spillman (Gasoline), N. Tonawanda, N. Y.
Hoosier Motor Co., Goshen, Ind.
Hubbard Motor Co., Middletown, Conn.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
Knox Motors Co. ("Knox"), Dept., H, Springfield, Mass.
Lamson E. F. (Gasoline), Abington, Mass.
Le Roi Co., Mitchell st & 60th av, Milwaukee, Wis.
Lewis Motor Manufacturing Co., Fostoria, Ohio
Lycoming Motor Corp. ("Lycoming" gasoline), Dept. H, Williamsport, Pa.
Midwest Engine Co., Indianapolis, Ind.
Miller Engine & Foundry Wks. (High Speed for Racing Cars, "Miller"), 2652 Long Beach av, Los Angeles, Cal.
Mitchell Motors Co., Inc., ("Mitchell" Gasoline), Racine, Wis.
Neustadt Auto & Supply Co. (Gasoline & Steam), 3200 Locust, St. Louis, Mo.
Nichols & Wright Motor Co., Buffalo, N. Y
Northway Motor & Mfg. Co. (Gasoline), Maybry & G T RR, Detroit, Mich.
Ofeldt F. W. & Sons (Steam), Nyack, N. Y.
Port Huron Construction Co., Port Huron, Mich
Reeves Pulley Co. (Gasoline), Columbus, Ind.
Roberts Motor Co., Sandusky, O.
Rochester Motors Co. (Gasoline, 20 to 75), Rochester, N. Y.
Romort Mfg. Co., Dept. H, Cor. Main and Hubbard, Oakfield, Wis.
Rutenber Motor Co ("Rutenber" Gasoline), Marion, Ind.
Schlosser Mfg. Co., 151 E 126th, New York
Seitz F.-A. Co. (Gasoline), Newark, N. J. H. P.), Rochester, N. Y.
Steel Products Engng. Co., Springfield, O.
Supreme Motors Corp. ("Supreme"), Warren, O.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Vahan Products Co., 73d & St. Clair, Cleveland, O.
Waukesha Motor Co. (Auto Motors), Waukesha, Wis.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4350— Engines (Beating)

Claflin Engine Co., Lancaster, O.
Clark H. C. & Son Machine Co., Lee, Mass.
DAYTON BEATER & HOIST CO., Dayton, O. *See adv index at end of book*
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works, Inc., Fulton, N. Y.
DOWNINGTON MFG. CO., East Downington, Pa.
Emerson Mfg. Co. ("Emerson"), Lawrence, Mass.
Holyoke Mach. Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
McKim Foundry & Machine Co. (Miniature for Laboratories, Chemists, etc), Lockport, N. Y.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

4351— Engines (Blowing)

Allis-Chalmers Mfg. Co. ("Allis," Horizontal or vertical), Milwaukee, Wis.
American Ship Building Co., ft of W 54th, Cleveland, O.
Bruce-Macbeth Engine Co., Cleveland, O.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh-Hemphill Co. (Horizontal and Vertical, Compound or Simple), 12th and Etna, Pittsburg, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book

BLOWING ENGINES
(Gas and Steam)
Equipped with Mesta Automatic Plate Valves (Iversen Patent)
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Morris I. P. Co., Richmond & Norris Phila., Pa.
National Foundry & Mach. Co., Louisville Ky.
Nordberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
Weimer Machine Works Co. (High Pressure), Lebanon, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

4352— Engines (Bridge Erecting)

See also Engines, Hoisting
Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4353— Engines (Cableway)

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Street Bros. Machine Wks., Chattanooga, Tenn.

Engines (Chemical)

See Fire Engines, Chemical; also Fire Extinguishers

4354— Engines (Churn Drill)

Lake Shore Engine Works, Marquette, Mich.
National Iron Co. ("Evered"), Duluth, Minn.

4355— Engines (Compound)

Buckeye Engine Co., Salem, O.
Cooper C. & G. Co., Mt. Vernon, O.
ELLICOTT MACHINE CORP. (& Triple Expansion), 1111 Bush, Baltimore, Md.
See adv index at end of book
Fitchburg Steam Engine Co., Fitchburg, Mass.
Harrisburg Foundry & Machine Works (Single Cylinder, as well as Tandem & Cross Compound), Harrisburg, Pa.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Houston, Stanwood & Gamble Co., 3d & Philadelphia, Cincinnati, O.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh-Hemphill Co. (Cross Compound, Tandem, Rolling Mill, etc.), 12th and Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Morris Machine Works (60 to 1000 H. P.), Baldwinsville, N. Y.
Murray Iron Works Co., Burlington, Ia.
Rumley Leo Tractor Co. ("Advance"), La Porte, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4356-7-8—Engines (Compressed Air)

See also Compressors, Air
Chambersburg Foundry & Machine Co., Chambersburg, Pa.
Chicago Pneumatic Tool Co., 6 East 44th, New York
See adv index at end of book
Dake Engine Co., Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Ingersoll-Rand Co. (For Cranes), 11 B'way, New York
See adv index at end of book

4359— Engines (Corliss)

See also Engines, Oil

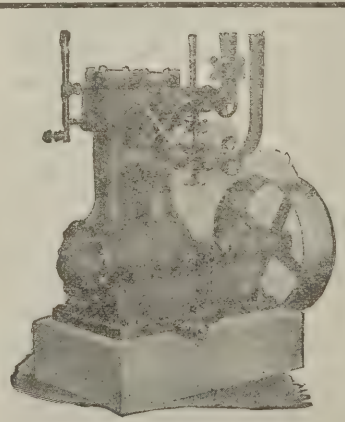
ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry. Co.
Hardie, Tynes Mfg. Co. (50 to 5000 H. P.)

CALIFORNIA.

SAN FRANCISCO—Golden State & Miners' Iron Works, 249 1st
Hendy Joshua Iron Works, 75 Fremont
Union Iron Works Co. (100 to 3000 H. P.), 20th & Michigan

THE VILTER MFG. CO.
ESTABLISHED 1867
Branch Offices in All Sections of the United States
1046 CLINTON STREET
MILWAUKEE, WIS.
CORLISS & POPPET VALVE ENGINES
For Belted or Direct-Connected Service
Ice and Refrigerating Machinery, Any Capacity

Horizontal Double-Acting Refrigerating Machine Driven by Corliss Engine

Vertical Single-Acting Ammonia Compressor

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co.
NEW HAVEN—Twiss Nelson W.

DELAWARE.

WILMINGTON—Remington Machine Co., 411 E Front

ILLINOIS.

CHICAGO—Allis-Chalmers Mfg. Co. ("Reynolds Corliss"), Peoples Gas bldg.
American Brake Shoe & Fdry Co., 332 S Michigan av
JOLIET—Bates Machine Co. (50 to 5000 H. P.)
MATTOON—Chuse Engine & Mfg. Co. ("Chuse" Non-Releasing 75 to 1200 H. P.)

INDIANA.

FORT WAYNE—Bass Foundry & Machine Co. (30 to 3000 H. P.)
MARION—Marion Machine Foundry & Supply Co.

IOWA.

BURLINGTON—Murray Iron Works Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co.

MASSACHUSETTS.

FITCHBURG—Fitchburg Steam Engine Co.

MICHIGAN.

MARQUETTE—Lake Shore Engine Works (Stationary & Hoisting)
SAGINAW—Bartlett A. F. & Co. (50 to 1000 H. P.)

MISSOURI.

ST. LOUIS—FULTON IRON WORKS CO., *See adv index at end of book*
St. Louis Iron & Machine Works (Single, Tandem & Cross Compound, Heavy Duty & Girder Frame, 50 to 3000 H. P.), 126 Chouteau av

NEW JERSEY.

HOBOKEN—Consolidated Iron Works
NEWARK—Hewes & Phillips Iron Works, 8 Orange (50 to 2000 H. P.)
Watts-Campbell Co., 298 Ogden (40 to 1000 H. P.)

NEW YORK.

CATSKILL—Catskill Foundry & Machine Co.
NEW YORK—Allis-Chalmers Mfg. Co. ("Reynolds Corliss"), 30 Church
American Brake Shoe and Foundry Co., 30 Church
TROY—Knowlson & Kelley Co. (40 to 2000 H. P.)
OLEAN—Clark Brothers Co. (High Speed)

OHIO.

CINCINNATI—Lane & Bodley Co. (50 to 5000 H. P.), Tenn av & Paddock rd
CLEVELAND—Walker Motor Co. ("Walker"), H E 131st, Cleveland, O.
HAMILTON—HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton," 30 to 10,000 H.P.)
See adv index at end of book
MT. VERNON—Cooper C. & G. Co. (150 to 10000 H. P., Heavy Duty)
ZANESVILLE—Griffith & Wedge Co. ("Ohio")

PENNSYLVANIA.

CHESTER—Wetherill Robt. & Co. (25 to 2000 H. P.)
ERIE—Ball Engine Co. (Horizontal & Vertical, 300 to 1200 H. P.)
HARRISBURG—Harrisburg Foundry & Machine Works ("Fleming," 4-Valve Automatic)
PHILADELPHIA—Toomey Frank Inc. (Dealers), 127 N 3rd
PITTSBURGH—Mackintosh-Hemphill Co. (Rolling Mill), 12th & Etna
Mesta Machine Co., Box 1124
See adv index at end of book

STEAM ENGINES
Corliss and Piston Valve Types
Blowing, Hoisting, Reversing, Unaflow and Power Engines
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

RIDGWAY—Ridgway Dynamo & Engine Co.
WAYNESBORO—Frick Co. ("Eclipse")

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co., Charles
Franklin Machine Co. ("Harris," "Corliss," Cross Compound Condensing & Triple Expansion, etc), 1 Park
See adv index at end of book
Providence Engineering Works ("Rice & Sargent"), 521 So Main

TENNESSEE.

JACKSON—Southern Engine & Boiler Mfg. Co.

WISCONSIN.

MILWAUKEE—Allis-Chalmers Mfg. Co. ("Reynolds-Corliss")
Filer & Stowell Co. (Heavy Duty)
Nordberg Mfg. Co., Chicago & Oklahoma
VILTER MFG. CO. (30 to 1000 H. P.), 1046 Clinton
See adv index at end of book

Engines (Deck)

See Hoists, Dock & Deck

4360— Engines (Dental)

Butler-Edwards Electric Co., Easton, Pa.
Cleveland Dental Mfg. Co. (foot), 3307 Scranton rd, Cleveland, O.
Ritter Dental Mfg. Co. ("Ritter" Electric), Rochester, N. Y.
Shelton Electric Co., 30 E 42d, New York
Sibley Gideon, 1214 Filbert, Phila., Pa.
Sterling Dental Mfg. Co. ("Cambridge"), 7H Remington, Cambridge, Mass.
White S. S. Dental Mfg. Co., 211 S. 12th, Phila., Pa.

4360a— Engines (Diesel)

Bush-Sulzer Bros. Diesel Engine Co. (120 to 1000 H.), Second and Utah, St. Louis, Mo.
Dow Pump & Diesel Engine Co. ("Dow" Oil, Marine and Stationary), Alameda, Cal.
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
McIntoosh & Seymour Corp., Dept. H, Auburn, N. Y.
Rix Compressed Air & Drill Co. (Auxiliary Air Compressors), 505 Howard, San Francisco, Calif., and 409 E 3rd, Los Angeles, Calif.
Skamida Pacific Oil Engine Co., 550 to 825 H. P., Oakland, Cal.
Western Machy. Co., H, Rialto bldg, San Francisco, Calif.

4361—Engines (Direct Connected & Belted)

See also Generators, Electric Light; also Generators, Power
Buckeye Engine Co. (Gas or Steam), Sa-lem, O.
Erie City Iron Wks., Erie, Pa.
HOOVEN, OWENS, RENTSCHLER CO. Hamilton, O. *See adv index at end of book*
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Pittsburgh Model Engine Co. (4, 6 & 8 Cyl-inder Vertical), Lexington & McPherson, Pittsburgh, Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Toomey Frank Inc. (Dealers) 127 N 3rd, Philadelphia, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., THE, East Pittsburgh, Pa.
See adv index at end of book

4362— Engines (Distillate)

Alamo Mfg. Co., Hillsdale, Mich.
American Gas Engine Co.. ("Weber" 2-400 H. P.), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Bauer Machine Works Co., Kansas City, Mo.
Chambersburg Foundry & Machine Co., Chambersburg, Pa.
Charter Gas Engine Co., Sterling, Ill.
Chicago Pneumatic Tool Co., 6 E 44th, New York
See adv index at end of book
Clay Engine Mfg. Co., 8644 E 72nd, Cleve-land, Ohio
Doak Gas Engine Co., Oakland, Cal.
Ellis Engine Co. ("Ellis" 3 to 12 H. P.), 2843 E Grand blvd, Detroit, Mich.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Faultless Engine Co., 1511 Cypress av, Kansas City, Mo.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hope Forge & Machine Co. ("Reeves"), Mount Vernon, O.
International Harvester Company of Amer-ica (Inc.) ("International"), Harvester bldg, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Muncie Oil Engine Co., Muncie, Ind.
National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.
Otto Engine Mfg. Co., 33d & Walnut, Phila., Pa.
Power Mfg. Co. (15 to 150 H. P.), Marion, Ohio
Rawleigh W. T., Freeport, Ill.
Rumely Leo Tractor Co. (30 to 60 H. P.), La Porte, Ind.
Superior Gas Engine Co., Springfield, O.
Union Tool Co. ("Ideal"), Torrance, Cal.
Wadsworth Mfg. Co., Kercheval & Con-nors Creek, Detroit, Mich.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
West Coast Gas Engine Co., San Diego, Cal.
Willard-Middletown Machine Co., Coving-ton, Ky.
Witte Engine Wks. (Gas, Gasoline, Kerosene), 16th & Oakland, Kansas City, Mo.

4363—*Engines (Drawbridge)

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4364— Engines (Dredging)

See also Engines, Hoisting
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Jennings Pump & Dredge Co., 180 N Dear-born, Chicago, Ill.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mundy J. H. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Street Bros. Machine Works, Chattanooga, Tenn.

4365—Engines (Drilling, Oil & Gas Well)

American Gas Engine Co. ("Weber"), 11th & Winchester av, Kansas City, Mo.
American Well Works (The), 112 Broad-way, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Chicago Pneumatic Tool Co., 6 E. 44th, New York
See adv index at end of book
Clark Bros. Co., Olean, N. Y.
Clay Engine Mfg. Co., 864 E 72nd, Cleve-land, Ohio
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Herron, R. H., Co., 1934 N Alemeda, Los Angeles, Cal.
Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.
National Supply Co., Union Bank bldg., Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pitts-burgh, Pa.
Struthers-Wells Co., Warren, Pa.
Union Tool Co. ("Ideal"), Torrance, Cal.

4366—Engines For Fan Driving, Etc.

Brownell Co., Dayton, O.
Clarage Fan Co., North & Porter, Kalama-zoo, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
Lane & Bodley Co., Tenn. av & Poddock rd, Cincinnati, O.
New York Blower Co., Archer Av. & Canal, Chicago, Ill.
Ridgway Dynamo & Engine Co., Ridg-way, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4366a— *Engines (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., ("Giant"), 6 E. 44th, New York
See adv index at end of book

4367—*Engines (Gas Power)

Chicago Pneumatic Tool Co., 6 E 44th, New York
See adv index at end of book
MESTA MACHINE CO., Box 1124, Pitts-burgh, Pa. *See adv index at end of book*

4368—Engines (Gas & Gasoline)

See also Engines, Marine, Gasoline

ALABAMA.

BIRMINGHAM—American Blakeslee Mfg. Co. (Gas)
American Blakeslee Mfg. Co. (Sta-tionary & Portable, 3 to 25 H. P.)
Chicago Pneumatic Tool Co., 1925 N 5th av
See adv index at end of book

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works
LOS ANGELES—Chicago Pneumatic Tool Co., 307 E. 3d
See adv index at end of book
LOS ANGELES—Commercial Engine Co.
Fulton Engine Wks., 1000 Alhambra (Gas)
Stearns Gas Engine Works (Gas)
Western Machinery Co. ("Western"), 900 N Main (12 to 320 H. P.)
OAKLAND—Atlas Imperial Engine Co. (Gas)
Atlas Imperial Engine Co.
Doak Gas Engine Co. (Internal. Com-bustion), 4th and Madison
Standard Gas Engine Co. ("Frisco Standard"), (5 to 175 H. P.)
Union Gas Engine Co. (5 to 600 H. P.), (Gas & Oil), Oakland
SAN DIEGO—West Coast Gas Engine Co.
SAN FRANCISCO — Chicago Pneumatic Tool Co., 175 First
See adv index at end of book
SAN FRANCISCO—Corliss Gas Engine Co. (Stationary and Marine), 440 Market
Dundon's Iron Wks., 225 Folsom
Enterprise Foundry Co. (Gas, Marine and Stationary), 20 Steuart
Garratt W. T. & Co., 299 Fremont
Golden State & Miners' Iron Works (Gas & Gasoline), 249 1st
Hicks Jas. L. (Gas, etc), 967 Howard

CALIFORNIA—San Francisco—continued
Imperial Gas Engine Co. (Gas), 60 Clementina
Ohmen Engine Works, 17th & Capp
Pacific Pump & Supply Co. (Jobbers), (Pumps, Windmills, Gasoline Engines, & Water Supply Goods), 835 Folsom
Schilling Adam & Sons (Gas & Gasoline), 211 Main
Standard Gas Engine Co.
Union Gas Engine Co. ("Union"), 351 Montgomery
Union Iron Works Co., 20th & Michigan
Western Machy. Co. (Diesel gas), H Rialto bldg
Woodin & Little (Gas & Gasoline), 33 Tremont
STOCKTON—Samson Iron Works (Gas)
TORRANCE—Union Tool Co. ("Ideal", 15 to 50 H. P.)

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. (Gas or Gasoline in Quantities Only)
Automatic Machine Co. (Marine)
Black Rock Mfg. Co. (Twin Screw Type)
Bridgeport Motor Co. (Gasoline Motors)
Fairfield Auto Co. (Gasoline Motors).
Standard Oil Engine Co. (Marine Gasoline)
Wheeler Engine Works (Gas & Gasoline)
Wolverine Motor Works ("Wolverine" Marine 18 to 100 H. P.)
CENTERBROOK—Connecticut Valley Mfg. Co. (Gasoline Marine)
COSCOB—Palmer Bros. (Gasoline)
HARTFORD—GRAY & PRIOR MACHINE CO. (Marine), 96 Suffield
See adv index at end of book
MIDDLETOWN—Frisbie Motor Co.
Hubbard Motor Co. (2 & 4 cycle)
MYSTIC—Lathrop J. W. Co. (Stationary & Marine, 1½ to 25 H. P., Gas & Gasoline)
NEW BRITAIN—Kinne W. A.
NEW HAVEN—Driggs Ordnance & Mfg. Corp. (Automobile & Marine, Gasoline)
NEW LONDON—New London Motor Co. (Gasoline)
NORWALK—Barker C. L. (Gas)
SEYMOUR—Church S. B. (Gas & Gasoline)
STAMFORD—Stamford Motor Co. ("Sneeker" Gasoline)
STONY CREEK—Beach Oliver B. (Gas & Gasoline)

DELAWARE.

WILMINGTON—Harris Engine Co. ("Harris" Gasoline, 5 to 200 H. P.) Front & Orange.
Jones & Schumacher, 1100 West
Trump Bros. Machine Co. (Marine), Beech & Anchorage

FLORIDA.

JACKSONVILLE—Gibbs Gas Engine Co. of Fla. (Jobbers)

GEORGIA.

WINDER—Woodruff Machinery Mfg. Co. (2 to 4 H. P.)

ILLINOIS.

BATAVIA—Appleton Mfg. Co. ("Appleton" Gasoline)
Challenge Co. ("Challenge" & "Dandy")
BELLEVILLE—Harrison Machine Wks. ("Jumbo")
CHICAGO — Accurate Engineering Co., 5401 Western av blvd
Aermotor Co. ("Aermotor"), 2500 W. 12th
Acme Steel Goods Co., 2834-2840 Archer av
Allis-Chalmers Mfg. Co. ("Allis" Gas Only), Peoples Gas bldg
Anderson Engine Co. (Marine & Tractor 2½ to 150 H. P.), 4036 N Rockwell
CHICAGO PNEUMATIC TOOL CO., ("Giant"), 6 E 44th, New York
See adv index at end of book
Colborne Mfg. Co. (Gas), 157 W Division
Fairbanks, Morse & Co. ("Z" Gas & Gasoline, for All Purposes), 900 S Wabash av
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill. *See adv index at end of book*
Hydraulic Engng. Wks., 708 Fulton
International Harvester Company (Inc.), ("International"), Harvester bldg.
Lennox Machine Co., 2558 W. 16th.
McDonald A. H. (Gas), 547 W Monroe
Murray W. B. (Gas & Gasoline), N Winchester & Wabansia avs
DECATUR—Decatur Novelty Wks. (Gasoline)
DIXON—Clipper Lawn Mower Co. ("Clipper," Gasoline, Marine & Stationary)
EAST MOLINE—Root & Vandervoort Engineering Co. ("R. & V.," "Triumph," Gas & Gasoline)
ELGIN—Elgin Wheel & Engine Co. ("Redemotors" Small Gas Engines)
FREEPORT—Freeport Gas Machine Co. (Gas)
Rawleigh W. T. ("R. S." Gasoline)
Rawleigh W. T. Co.
Stover Mfg. & Engine Co. ("Stover," Gasoline, 1 to 60 H. P.)
Woodmanse Mfg. Co. ("Mogul")
GALENA—Westwick John & Son
GALESBURG—Wenzelman Mfg. Co. (Gasoline)
HAVANA—Havana Mfg. Co. ("Havana," "Red & Ready")
JOLIET—Buckeye Engine & Foundry Co. ("B. & B.")
KEWANEE—Kewanee Private Utilities Co., West Side
NORTH CHICAGO—North Chicago Machine Co. ("Phantom" gasoline)
POLO—Polo Machine Co. (Gas)
QUINCY—Quincy Motor Co.
ROCKFORD — Emerson-Brantingham Co. ("E-B") Portable & Stationary)
Savage & Love Co. (Gas & Gasoline)
SANDWICH—Sandwich Mfg. Co.
STERLING—Charter Gas Engine Co. (Gas & Gasoline)
URBANA—Leavitt Mfg. Co. ("Success," Gasoline)
WARNER—Warner Elevator Mfg. Co. ("Warner," Gasoline)

INDIANA.

ANDERSON—Buckeye Mfg. Co. ("Lambert," ¼ to 40 H. P.)
Dice Machine Co. ("Anderson," "Westerfield," "Dice")
Lambert Gas Engine Co. (Gas)
Lambert Gas & Gasoline Engine Co.
Reliable Machine Co. (Gas)
EVANSVILLE—Evansville Gas Engine Wks.
Hercules Gas Engine Co. (Gas)
GOSHEN—Hoosier Motor Co.
HAGERSTOWN—Teeter - Hartley Motor Co. (Gasoline)
INDIANAPOLIS—Capital Gas Engine Co. ("Capital," "Gem")
Midwest Engine Co.
Spacke Machine & Tool Co. (Motorcycle Gasoline Only)
LA PORTE — Advance - Rumely Co. ("Adams," "Falk," "Oil Turn," "Olds")
MARION—Marion Machine Foundry & Supply Co. (Self-Igniting)
Rutenber Motor Co. ("Rutenber")
MISHAWAKA—Perkins Wind Mill Co. (2½ up to 20 H. P.)
MUNCIE—Keiser Geo. & Co. (Gasoline)
NEW ALBANY—Goetz-Coleman Mfg. Co. (Gas & Gasoline)
PLYMOUTH—Clizbe Bros. Mfg. Co.
RICHMOND—Richmond Standard Mfg. Co. (Gasoline)

IOWA.

CHARLES CITY—American Tractor & Foundry Co.
Hart-Parr Co. (Oil Cooled, Gasoline)
COUNCIL BLUFFS—Walker Mfg. Co. ("Boss" Farmer)
DAVENPORT—Sebelin Machine Tool Wks. (Gas)
DES MOINES—Gibbons Mach. & Foundry Co.
IOWA FALLS—Gade Bros. Mfg. Co. (Air Cooling, Gasoline)
MARSHALLTOWN—Lennox Machine Co. ("Lennox," "O. K.," "Standard," Stationary & Mounted), (See Chicago, Ill.)
NEWTON—One Minute Mfg. Co. (1½ H. P.)
SIOUX CITY—Sioux City Engine & Machinery Co. ("Sioux")
WATERLOO—Armstrong Mfg. Co. (Gasoline)
Associated Mfrs. Co. ("Amanco," "Busy Boy," "Chore Boy," "Hired Man," "Hired Hand," "Jack Boy," "Johnny Boy," "Six Mule Team," "Twelve Mule Team," Gasoline)
Cement Tile Machinery Co. ("S. & S.")
Ferguson Mfg. Co. ("Ferguson")
Galloway Wm. Co. ("Galloway," Gasoline)
Interstate Tractor Co.
Iowa Gasoline Engine Co. (Gasoline)
Waterloo Interstate Tractor Co. ("Plow Man" 13-20—15-30 Tractors, Gasoline)
Waterloo Cement Machinery Corp.
Waterloo Gasoline Engine Co. ("Waterloo Boy" Gasoline)

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co. (1 to 4 H. P.)
OTTAWA—Union Foundry & Machine Co. ("Union Giant") (1½ to 6 H. P.)
TOPEKA—Piersen Manfg. Co. ("Superior Piersen" Gasoline)

KENTUCKY.

COVINGTON — Willard-Middletown Machine Co. ("Miami", "Woodpecker")
LOUISVILLE—Longest Bros. Co. (Gasoline)
OWENSBORO—Wright Machine Co. ("Wright Reliable" "Heavy Duty" "Marine Motor"), 405 E 2nd
WINCHESTER—Hagan Gas Engine Mfg. Co. (Gas)

LOUISIANA.

NEW ORLEANS—Chicago Pneumatic Tool Co., 353 Carondelet
See adv index at end of book

MAINE.

AUGUSTA—Fifield Bros. Co.
BATH—Torrey Roller Bushing Works
CAMDEN—Camden Anchor-Rockland Machine Co. ("Knox") (2 Cycle Stationary & Marine)

MARYLAND.

BALTIMORE—Eisenbrandt F. B. (Marine, Gasoline), ft of Light
Harms Bros. ("Eclipse," Marine), 1730 Thames
Page Eng. Co. ("Oriole" Gas & Gasoline), Clagett & Hull.
White Chas. Gas Engine Co. (4 to 60 H. P.), Scott & McHenry

MASSACHUSETTS.

ABINGTON—Lamson E. F.
AMESBURY—Atlantic Boat Co. (Marine)
BOSTON—Blount Eng'ring Co. ("Blount") 100 High
Chicago Pneumatic Tool Co., 182 High
See adv index at end of book
Jager Chas. J. Co. ("Jager," 4 Cycle Type, 3 to 60 H. P.), 13 Custom House
Lunt, Moss Co. (Gas & Gasoline), 43 S Market
Murray & Tregurtha Co., 340 W 1st
Neponset Engine & Machine Co. ("Rex" Marine) Neponset.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park
FALL RIVER—Mechanics' Fdy. & Machine Co. ("Mechanics")
HOLYOKE—Bay State Motor Works
LOWELL—Heinze Electric Co.
LYNN—Essex Engine Co.
NEW BEDFORD—Sagamore Motor Wks. (Gas), 650 Summer
SALEM—Brown-Talbot Machinery Co.
Stanley Co. (Gasoline Marine Motors),
WORCESTER—Adams Jno. J. (Gas & Gasoline)
Burlingame S. F. (Oil & Gasoline)

MICHIGAN.

BAY CITY—Smalley-General Co. (Gasoline, Marine)
COLDWATER—Regal Gasoline Engine Co. (Gasoline)
Beaver Engine Co. (Gas), 103 Meldrum av
DETROIT—Belle Isle Boat & Engine Co. (Marine & Stationary)
Caille Perfection Motor Co. (Marine & Stationary Gasoline), 2d & Amsterdam
Carson Motor Co. (Gas), 519 Hilliger
Chicago Pneumatic Tool Co., 95 E Larned *See adv index at end of book*
Detroit Engine Works (Gasoline, 2 to 20 H. P.), Kerchevl & Connors
Ford Motor Co. (2 & 4 Cylinder), Highland pk.
Gemmer Mfg. Co. (Gasoline, Auto, etc), 741 Merrick
Golden, Belknap & Swartz Co. ("G. B. & S." Gasoline), 5432 Grand River av
Gray Motor Co. (Gasoline, 1, 2 & 3 Cylinders, 3 to 30 H. P.), Det. Term. R. R. & Mack
Michigan Steel Boat Co., Kerchevl & Connors
Scripps Motor Co. (Marine), 629 Lincoln av
Strelinger Marine Engine Co.
Sun-Power Engine Co.
GRAND RAPIDS—Grand Rapids Gas Engine & Yacht Co. ("Monarch")
Perkins & Co.
GREENVILLE—Moore Plow & Implement Co. ("Moore," "Sure Cool," Gasoline)
HILLSDALE—Alamo Mfg. Co. (Gas & Gasoline)
HOLLAND—Brownwall Engine & Pulley Co. (Air Cooled)
HUDSON—Hardie Mfg. Co. ("Hardie")
IONIA—Arnold's G. W. Son (Gasoline)
JACKSON—Field-Brundage Engine Wks. ("Field," "Field Type W," Gasoline)
LANSING—Acme Engine Co. (2½ to 15 H. P.)
Bates & Edmonds Motor Co. ("B. & E," "Bull Dog," also Direct Connected)
Brown Mach. & Engine Co. (Gas)
Gifford Engine Co. (1½ H. P.)
Ideal Engine Co.
Lansing Motor & Pump Co. (Gasoline)
New Way Motor Co. (Gasoline, 3½ to 7 H. P.)
Novo Engine Co. ("Novo," Water Cooled, Especially Adapted for Concrete Mixers, etc)
Original Gas Engine Co. ("Ideal")
Reliance Engineering Works
United Engine Co.

LUDINGTON—Gile Tractor & Engine Co., (Marine & Stationary)
Stearns Motor Mfg. Co. (Gasoline)
MARCELLUS—Chapman H. L. ("Chapman" "Economizer")
MARQUETTE—Lake Shore Engine Works ("New Superior" 2 & 4-Cycle)
MUSKEGON—Continental Motor Mfg. Co.
PETOSKEY—Burnett Foundry & Machine Works (Ltd.) (Marine & Stationary)
PORT HURON—Port Huron Construction Co. (Gasoline)
SAGINAW—Nelson Bros. Co. ("Jumbo," 1½ to 4½ H. P.)
Wilcox Motor & Mfg. Co.
ST. JOHNS—Farmers' Cement Tile Machine Co.
Richmond & Holmes (Gas & Gasoline)
THREE RIVERS—Fairbanks, Morse & Co., Sheffield Plant

MINNESOTA.

ALBERT LEA—Kemper-Odee Engine Co. ("Odee")
FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. ("Fairmont," Gasoline & Kerosene)
FARIBAULT—Faribault Engine Mfg. Co.
MINNEAPOLIS—Chicago Pneumatic Tool Co., 5th av & 5th S.
See adv index at end of book
Diamond Iron Works (2 to 75 H. P.), 2nd & 18th av N.
Enterprise Machinery Co. ("Westman," Gasoline), 1600 8th
Howell R. R. & Co., 31st Av.
Minneapolis Steel & Machinery Co. ("Muenzel," Gas, 30 to 300 H. P.) 2854 Minnehaha av
Shadegg J. C. Engine Co., 315 S 3rd
RED WING—Red Wing Motor Co.
ST. PAUL—Auto Engine Works (Marine Gasoline), University & Griggs
WINONA—Winona Machine & Boat Works (Motor Boat)

MISSOURI.

CLINTON—Industrial Iron Works ("Industrial")
JOPLIN—Chicago Pneumatic Tool Co., 308 Wall
See adv index at end of book
KANSAS CITY—American Gas Engine Co. ("Weber," 2 to 400 H. P.)
Bauer Machine Works Co. ("Bauer," "Ever Ready," Up to 50 H. P.)
Faultless Engine Co., 1511 Cypress av
Kansas City Engine Works ("Elliott," Stationary, ½ to 8 H. P.)
Kansas City Hay Press Co. ("K. C." & "K. C., Jr.," "Lightning," Stationary & Portable)
United Iron Works Co., Inc.
ST. LOUIS—Chicago Pneumatic Tool Co., 813 Hempstead
See adv index at end of book
Mo. Engine Co. (Marine)
St. Louis Gas & Gasoline Engine Co. (Marine), 2615 De Kalb

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
FREMONT—Fremont Foundry & Machine Co.
LINCOLN—Cushman Motor Works (4 H. P. 4-Cycle, Gasoline)
Ward Tractor Co.

NEW HAMPSHIRE.

LAKEPORT—McDuff Wm. J.

NEW JERSEY.

BLOOMFIELD—Empire Cream Separator Co. ("Empire," Two Cycle, 1½ to 3 H. P.)
BRIDGETON—Hettinger Engine Co.
DUNELLEN—Ransome Concrete Machinery Co. ("Oshkosh")
HOBOKEN—Nilson-Miller Co., 1300-1306 Hudson
JERSEY CITY—Craig James, Garfield av
Jersey City Machine Co., 113 Plymouth
Standard Motor Const. Co. (Marine, 8 to 1500 H. P.), 180 Whiton.
NEWARK—Backus Water Motor Co. (Gas & Gosline), 172 Penn av
Newark Gas Engine Co., 676 N 6th
PATERSON—Sipp Machine Co. (½ to 1 H. P.)
PENNSGROVE—Homan Vandever S.
TRENTON—Trenton Malleable Iron Co. ("Rice" 2 & 4-Cycle)

NEW YORK.

ADAMS—Frazer Bros. Co. (Marine)
AUBURN—Quick & Thomas Co.
BALLSTON SPA—Lackawanna Mfg. Co. "Lackawanna" Marine Engine)
BINGHAMTON—Canfield Gas Engine Co.
Deyo-Macey Engine Co. (Gas)
BUFFALO—Alberger Gas Engine Co.
Augustine Automatic Rotary Engine Co. (Gas), 1934H Elmwood av
Buffalo Engine Co. ("Salisbury")
Buffalo Gasoline Motor Co.
Chicago Pneumatic Tool Co., 208 Franklin
See adv index at end of book
Curtiss Aeroplane Co., ft. of Churchhill
Empire Machine & Stamping Co., 59 Terrace
Frontier Engine Works, 9 Perry.
Lazier Gas Engine Co. ("La Zier"), 190 Main.
Olin Gas Engine Co. ("Olin," Gas & Gasoline)
Peerless Marine Motor Co., 2150 Niagara
Ruger J. W. Mfg. Co. (Gas & Gasoline, 4-Cycle Compression Type, 5 to 100 H. P.)
Sterling Engine Co. (Gas)
CANASTOTA—Cady C. N. Co. (Marine)
DUNKIRK—Niagara Motors Corp. ("Niagara" Marine Motors)
ELMIRA—Field Force Pump Co. ("Leader")
FRANKFORT—Acme Road Machinery Co. (Gasoline)
GASPORT—Friend Mfg. Co.
GENEVA—Fay & Bowen Engine Co. (Gas & Gasoline, 2 & 4 Cycle Stationary & Marine)
GREENPORT—Gaffga J. S. & Co.
HAMMONDSPORT—Curtiss Aeroplane Co.
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. ("McVicker" Gasoline, Farm)
MALONE—Hinds Thomas Co. (Gasoline)
MORRISTOWN—Morristown Boat & Engine Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—National Meter Co., 1st av
Saladin Louis
Williams J. H. & Co. (Forgings), 31 Richards *See adv index at end of book*

Boroughs of Manhattan and Bronx.

NEW YORK—Allis-Chalmers Mfg. Co. ("Allis," Gas Only, Four-Cycle Double-Acting, 500 to 5,000 H. P.), 50 Church
Allman Gas Engine & Mach. Co., 461 Canal
Chicago Pneumatic Tool Co., 6 E 44th
See adv index at end of book
Consolidated Gas & Gasoline Engine Co., 202 Fulton
Fairbanks Co., 416 Broome
Dutcher Mach. Co., Inc.
Gas Engine & Power Co. (Chas. L. Seabury & Co. ("Speedway" Gasoline), Morris Heights
Homan J. & E. (Gas & Gasoline), 435 W B'way
National Meter Co. ("Nash" Gas & Gasoline), 299 B'way
New York Yacht, Launch & Engine Co. ("20th Century"), Morris Heights
Schlosser Mfg. Co. (Automobile & Marine), 151 E. 126th
Standard Gas Power Co., 17 Battery pl
Tirrill Gas Machine Lighting Co., 103 Park av
Van Blerck Motor Co., 30 Church
White Mfg. Co. ("The Craig," Gas & Gasoline), 556 W 34th
Willys Corp., 11 Pine
WORTHINGTON PUMP & MACHY. CORP. ("American Crossley" Gas Engines), 115 B'way, New York
See adv index at end of book

(End of New York City)

NIAGARA FALLS—Goffin & Zeifang
NORTH TONAWANDA — Herschell-Spillman Co.
OGDENSBURG—Dunn Walter E. (1½ to 25 H. P.)
RENSSELAER—Jacobson Gas Engine Co.
ROCHESTER—Beers Bros. (Gasoline)
Rochester Motors Co., 278 State.
SCHENECTADY—S. R. Mfg. Co. ("Mohawk")
Westinghouse Co. ("Schenectady", "Westinghouse")
SYRACUSE—Barber Bros.
Leighton H. J.
Wonder Mfg. Co.
VERNON—Pohl Geo. D. Mfg. Co. ("Advance" Gasoline)
WELLSVILLE—Clark & Norton Mfg. Co.

NORTH DAKOTA.

FARGO—Fargo Foundry Co. (Gasoline Only)

OHIO.

AKRON—Standard Pump & Engine Co. (Gas)
Star Drilling Machine Co. (4-Cycle, 6 to 15 H. P.)
BLUFFTON—Diller Mfg. Co.
BOWLING GREEN—Universal Machine Co. (Gasoline, Marine)
CANTON—Hercules Motor Mfg. Co. (Gasoline for Trucks, etc)
CINCINNATI—Berghausen Machine Co., 2128 Colerain av
Carlisle & Finch Co. (Generating Set) 229 E. Clifton Av.
Chicago Pneumatic Tool Co., Pearl & Vine *See adv index at end of book*
Clifton Motor Works ("Clifton"), 229 E Clifton av
Watkins Motor Co. (Gas & Gasoline), 828 W 6th
CLEVELAND—Bruce-Macbeth Engine Co. (8 to 300 H. P.)
Chicago Pneumatic Tool Co., 109 St. Clair av N: E.
See adv index at end of book
Clay Engine Mfg. Co., 864 E 72nd
Maskell J. H. Machine & Mfg. Co. (Gasoline), 1421 E 40th
Minerva Engine Co., E 71st
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W.
Winton Engine Wks. (Gasoline-Marine, 75 H. P. up)
Wood & Spencer Co. (up to 5 H. P.) 1930 E 61st
COLUMBUS—Lowe Bros. Machine & Engine Works ("Lowe" Gas and Gasoline, 1½ to 400 H. P.)
Okey Mfg. Co. (Gas)
DAYTON—Callahan W. P. Co. (Up to 200 H. P.)
Dayton Pitless Scale Co.
Steiner M. & Co. (Gas)
DELAWARE—Cook Motor Co.
FINDLAY—Buckeye Traction Ditcher Co.
GALION—Galion Iron Works & Mfg. Co.
GREENVILLE—Ross Supply Co. (Gas-Wogaman Bros. Co. ("Ritchie," "Hamilton," Gas & Gasoline)
HAMILTON—Advance Mfg. Co. ("Hamilton Advance", 6 to 35 H. P.)
Benninghofen C. Sons
HOOVEN, OWENS, RENTSCHLER CO. (Large Gas)
See adv index at end of book
LIMA—Buckeye Machine Co. (Gasoline, up to 12 H. P.)
Ohio Valley Supply Co. (Gas)
MARIETTA—Pattin Bros. Co. (12 to 100 H. P. Gas)
MASSILLON—Russell & Co. ("Boss" Traction)
MOUNT GILEAD—Hydraulic Press Mfg. Co.
MOUNT VERNON—Cooper C. & G. Co. (150 to 3000 H. P. Gas Only)
Hope Forge & Machine Co.
Hope Engng. & Supply Co.
NAPOLEON—Heller-Aller Co.
Ragan-Brown Lange Co.
NEW LEXINGTON—Star Mfg. Co. ("Star")
PORTSMOUTH—Heer Engine Co. (2 to 16 H. P.)
Reliable Engine Co. (Gas)
SALEM—Buckeye Engine Co. (Gas Only; Horizontal, Single & Double Acting, Operated on Natural Producer & Artificial Gas, Direct Connected or Belted; H. P. Up)
SANDUSKY—Ohio Motor Co. (Heavy Duty Gasoline)
Roberts Motor Co. (Marine Gasoline)
Vim Motor Co.
SPRINGFIELD—Bauroth Bros. ("Bauroth," "Scientific" Gas & Gasoline, 2 to 15 H. P.)
Foos Gas Engine Co. (Gasoline, 6 to 325 H. P.), 800 Monroe
Miller Improved Gas Engine Co. (Heavy Duty Gas 35 to 250 H. P.)
Steel Products Engng. Co., Springfield, O.
Superior Gas Engine Co. ("Superior" Tandem, 100 to 200 H. P., Single Cylinder, 5 to 100 H. P.)
Superior Mfg. & Mill Co.
TOLEDO—Grasser Motor Co.
Jones S. M. Co. ("Ralco" 4 to 100 H. P.)
Rathbun-Jones Engineering Co. ("Rathbun" Vertical Gas Engine, 50 to 1200 H. P.), 841 Spencer.
TROY—Hobart Mfg. Co.

OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co. ("Reid" Gas)
OKLAHOMA CITY—
TULSA—McEwen Mfg. Co., Tulsa, Okla.

OREGON.

PORTLAND—Columbia Gas Engine Co.

PENNSYLVANIA.

ALLENTOWN—Nadig C. H. Mfg. Co. (Gasoline)
BELLEFONTE—Bellefonte Engineering Co.
BLUE BALL—Blue Ball Machine Wks.
BRADFORD—Blaisdell Machinery Co.
Bovaird & Co. (Gas & Gasoline)
Boviard & Seyfang Mfg. Co.
Combination Engine & Compressor Co., (10 to 50 H. P.)
BUTLER—Evans Mfg. Co. (Ltd.)
Spang & Co.
CHAMBERSBURG—Chambersburg Foundry & Machine Co.
DUBOIS—Dubois Iron Works ("Du Bois," 5 to 300 H. P.)
EAST PITTSBURGH — WESTINGHOUSE ELECTRIC & MFG. CO. (10 to 10,000 H. P.)
See adv index at end of book
EDDYSTONE—Pennsylvania Iron Works Co.
EMIGSVILLE—National Tubular Axle Co. (Marine)
ERIE—Chicago Pneumatic Tool Co., 12th & Cranberry
Erie Forge Co.
Fulton Mfg. Co. (Marine)
Grace E. J., 2811 Raspberry (Gas)
Samson Gas Engine Co., 643 W 12th
FRANKLIN — Franklin Valveless Engine Co. (10-40 H. P.), Dept. H.
GROVE CITY—Bessemer Gas Engine Co. ("Bessemer," "Gaso-Kero" Gas, 5 to 350 H. P.)

ENGINES (GAS & GASOLINE)—continued
PENNSYLVANIA—continued
HANOVER—United Engine & Mfg. Co. ("Manley")
LANSDALE—Heebner & Sons (Gasoline, Stationary & on Wheels)
MYERSTOWN—Myers E. H.
NEW BRIGHTON—Pittsburgh Machine Co.
OIL CITY—American Railway Appliance Co. (2½ H. P. up to 12 H. P.)
NATIONAL TRANSIT PUMP & MACHINE CO., (Gas)
See adv index at end of book
Oil City Boiler Works (Gas)
Reid Jos. Gas Engng. Co.
PHILADELPHIA—Chicago Pneumatic Tool Co., 1740 Market
See adv index at end of book
Hall Gas Engine Co., Garden bldg
Otto Engine Mfg. Co., Dept. H, 33rd & Walnut
Penrose Motor, Inc., Pennsylvania bldg
Schramm Chris. D. & Son, Inc. (Jump or Break Ignition), 709 Arch
Steffey Mfg. Co.
Toomey Frank Inc. (Dealers), 127 N 3rd
Vulcan Gas Engine Works ("Vulcan"), 1827 Bainbridge
PITTSBURGH—Carlin John H. Machine Co. (Gas)
Chicago Pneumatic Tool Co., 12 Wood
See adv index at end of book
Frick-Reid Supply Co. ("Reid" Gas), Sandusky & Robinson
Hope Engineering & Supply Co., 803-806 Farmers Bk. bldg
Hope Forge & Machine Co., Farmers Bank bldg
Mesta Machine Co., Box 1124
See adv index at end of book

GAS ENGINES
Above 600 B. H. P.
FOR ANY FUEL GAS
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Oil Well Supply Co. (Gas), 215 Water
Pittsburgh Model Engine Co. (4, 6 & 8 Single Cylinder Vertical), Lexington & McPherson
Standard The, Scale & Supply Co. ("The Standard" Gasoline Engines; Also Oil), 1631 Liberty av
See adv index at end of book
Turner-Fricke Mfg. Co., Farmers' Bank bldg
POTTSTOWN—Light Mfg. & Foundry Co.
North American Motors Co. (Automobile 20 to 45 H. P.)
SHIPPENBURG—Domestic Engine & Pump Co. ("Domestic")
SOUTH BETHLEHEM—Bethlehem Steel Co. ("Bethlehem Steel" Gas Engine, 800 to 5,000 H. P.)
TATAMY—Messinger Mfg. Co. ("Messinger")
TITUSVILLE—Titusville Iron Co. ("Olin" 5 to 35 H. P.)
WARREN—Warren Mach. Products Co.
WEST CHESTER—West Chester Engine Co. ("Keystone" Gasoline)
WILLIAMSPORT—Early Gas Engine Co.
Moltz Jacob J.
Lycoming Motor Corp. ("Lycoming" Gasoline), Dept. H
WRIGHTSVILLE—Dissinger Farm Co.
YORK—Farquhar A. B. Co., Ltd. ("Farquhar" Gas Only)
Henry, Millard & Henry Co. ("Advance" "H. M. & H." 2 to 15 H. P.)

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co. (Gas & Gasoline), Charles

SOUTH CAROLINA.

COLUMBIA—Tozer Engine Works, Dept. H

TEXAS.

AUSTIN—Tips Foundry & Machine Co.
EL PASO—Chicago Pneumatic Tool Co., 303 San Francisco
See adv index at end of book
FORT WORTH—Fort Worth Well Machy. & Supply Co.
HOUSTON—Chicago Pneumatic Tool Co., 407 Carter bldg
See adv index at end of book
SAN ANTONIO—San Antonio Machine & Supply Co. ("Krueger," "Atlas" Gasoline), Dept. H

UTAH.

SALT LAKE CITY—Chicago Pneumatic Tool Co., 117 W 2nd, So.
See adv index at end of book

VERMONT.

POULTNEY—Ruggles Machine Co.
WATERBURY—Cooley Wright Mfg. Co. (Gasoline)
WESTMINSTER STATION—Abenaque Machine Works (Gas & Gasoline)

VIRGINIA.

RICHMOND—Chicago Pneumatic Tool Co., 1004 Mutual bldg
See adv index at end of book

WASHINGTON.

SEATTLE—Chicago Pneumatic Tool Co., 119 Jackson
See adv index at end of book
SEATTLE—Seattle-Astoria Iron Works (Marine)
TACOMA—Puget Sound Iron & Steel Works (Gasoline)

WEST VIRGINIA.

PARKERSBURG—Parkersburg Machine Co. (Small Gasoline Only)

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Eagle Mfg. Co. ("Eagle" Gasoline)
BELOIT—Thompson Plow & Engine Wks.
BERLIN—Schaefer Mfg. Co.
BRILLION—Brillion Iron Works ("Brillion" Gasoline)
CEDAR GROVE—Wisconsin Foundry & Steel Works'
CUDAHY—Worthington Pump & Machy. Corp. ("Ingeco")
See adv index at end of book
DE PERE—Lauson-Lawton Co. ("Wisconsin" 1½ to 30 H. P.)
EAU CLAIRE — Eau Claire Mfg. Co. ("White" Gasoline Stationary, Portable, Marine & Electric Light)
Northwestern Steel & Iron Works ("Northwestern" Gasoline)
EVANSVILLE—Baker Mfg. Co. ("Baker" "Monitor" Gasoline)
FOND DU LAC—Quentin Peter N. (Gas)
GREEN BAY—Straubel Machine Co. (Marine)
LA CROSSE—La Crosse Tractor Co.
MADISON—Fuller & Johnson Mfg. Co. ("F. & J. Open Jacket" Gasoline, Water & Air Cooled
MANITOWOC—Richards H. C.
Smalley Mfg. Co. ("Smalley")
MILWAUKEE—Allis
Andrew Motor Mfg. Co. (Gas)
Beaver Mfg. Co., First & Oklahoma av
Milwaukee Auto Engine & Supply Co., 841 29th
Christensen Engineering Co. ("Badger" Gasoline, 2½ to 30 H. P. & Up)
Evinrude Motor Co. (Gas), 279 Walker
Haase Motor Works
Le Roi Co. (Gas), Mitchell & 60th av
Milwaukee Auto Engine & Supply Co.
SMITH T. L. CO. ("Smith"), 1151 32nd
Toepfer Frank Sons, 460 National av
Wisconsin Machinery & Mfg. Co., 51st & Burham
Wisconsin Motor Mfg. Co. (Gas), 44th av & Burnham
NEW HOLSTEIN—Lauson John Mfg. Co. ("Frost King" Gas & Gasoline)
Dorman H. C. Co. (Stationary & Marine)
Termaat & Monahan Mfg. Co. ("T. & M." Stationary & Marine)
PORT WASHINGTON—Gilson Mfg. Co. ("Gilson," "Goes Like Sixty" Gasoline, Small for Creameries, Washing Machines, etc)
RACINE—Sieverkropp Engine Co.
SCHLEISINGERVILLE—Standard Mach. Co. (Gas)
SHEBOYGAN—Globe Co. (Gasoline 1½ to 16 H. P.)
SHEBOYGAN FALLS—Falls Motors Corp.
SPARTA—Sparta Iron Works Co.
SUPERIOR—Duplex Mfg. Co. (Gasoline)
TWO RIVERS—Kahlenberg Bros. Co. (Marine)
WAUKESHA—Waukesha Motor Co. (Auto Motors)

4369— Engines (Garden)

Douglas W. & B., Middletown, Conn.

4370—Engines (Gas & Steam, Rebuilt)

Marion Machine, Foundry & Supply Co., Marion, Ind.
Toomey Frank Inc., 127 N 3rd, Phila., Pa.

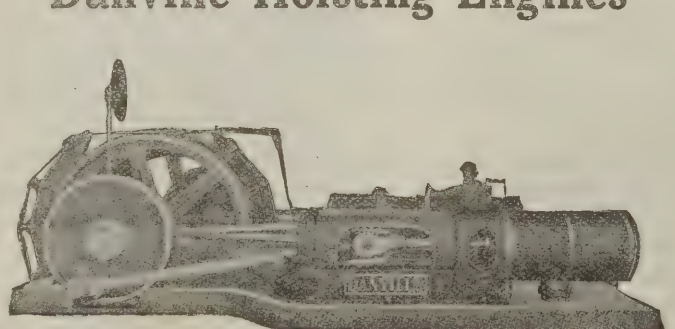
4371—Engines (Gasoline Locomotive)

Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Pittsburgh Model Engine Co. (4, 6 & 8 Cylinder Vertical), Lexington & McPherson, Pittsburgh, Pa.
S. R. Mfg. Co., Schenectady, N. Y.

4372— Engines (Haulage)

American Hoist & Derrick Co. (Double & Single Friction Drum), St. Paul, Minn.
Carlin John H. Machine Co., Pittsburgh, Pa.
Chase Machine Co. (Docking & Hauling Cars, etc), 2313 Elm, Cleveland, O.
Clyde Iron Works, Duluth, Minn.
See adv index at end of book
Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
Crawford & McCrimmon Co., Brazil, Ind.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.
Finch Mfg. Co., Scranton, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Lake Shore Engine Works, Marquette, Mich.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Litchfield Foundry & Machine Co. (Endless Rope, Tail Rope), Litchfield, Ill.
Marion Machine Foundry & Supply Co., Marion, Ind.
Mauch Chunk Iron Works, Mauch Chunk, Pa.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co. (Endless Rope), 714 5th av, Pittsburgh, Pa.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
National Hoisting Engine Co., Harrison, N. J.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works (Direct & Geared), Ottumwa, Ia.
Pittsburgh Model Engine Co., (4, 6 & 8 Cylinder Vertical), Lexington & McPherson, Pittsburgh, Pa.

Danville Hoisting Engines



For 35 years DANVILLE engines have been giving satisfaction in whatever capacity they have been placed. The simplicity of design, together with perfect workmanship and quality materials has made DANVILLE engines supreme in the engine world. Tell us what you want to do and let us figure with you.

ROBT. HOLMES & BROS. INC.
Danville, Ill.
Builders of coal handling equipment

Puget Sound Iron & Steel Works, Tacoma, Wash.
Stine J. C. Co., Tyrone, Pa.
Stine S. B., Osceola Mills, Pa.
Street Bros. Machine Works, Chattanooga, Tenn.
Superior Iron Works Co. (Cable Haulage with Endless Rope), Superior, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

4373— Engines (Hoisting)

See also Engines, Hoisting, Gas & Gasoline

ALABAMA.

BIRMINGHAM—Hardie-Tynes Mfg. Co. (Steam & Electric)

ARIZONA.

NOGALES—Roy & Titcomb

CALIFORNIA.

LOS ANGELES—Fulton Engine Wks, 1000 Alhambra
OAKLAND—Doak Gas Engine Co.
SAN DIEGO—West Coast Gas Engine Co.
SAN FRANCISCO—Hendy Joshua Iron Works (Double Cylinder, etc), 75 Fremont
Murray Bros. Machine Works, 233 Folsom

COLORADO.

DENVER—Denver Engineering Works Co. (All Kinds)
Denver Engineering Works Co. (All Kinds)
Mine & Smelter Supply Co.

CONNECTICUT.

BRIDGEPORT—Coulter & McKenzie Machine Co.

GEORGIA.

MARIETTA—Glover Machine Works

ILLINOIS.

CHICAGO—Chicago Builders' Specialties Co., 11 So. La Salle.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren
LIDGERWOOD MFG. CO. (of New York), Fisher bldg
See adv index at end of book
Louer W. B. Co., 415 S Dearborn
MACHINERY SALES CO., 327 S La Salle *See adv index at end of book*
Monighan Machine Co. (All Kinds), 2032 Carroll av
Moore Bros., Crane Co., 39 S La Salle
See adv index at end of book
United States Equipment Co., 208 S La Salle
DANVILLE—Holmes Robt. & Bros., Inc.
See adv index at end of book
LITCHFIELD—Litchfield Foundry & Machine Co. (First Motion)

INDIANA.

BRAZIL—Crawford & McCrimmon Co.
MARION—Marion Machine Foundry & Supply Co.

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Eagle Iron Works (Steam & Electric)
OTTUMWA—Ottumwa Box Car Loader Co.
Ottumwa Iron Works
WATERLOO—Armstrong Mfg. Co.
Waterloo Gasoline Engine Co.

LOUISIANA.

NEW ORLEANS — **LIDGERWOOD MFG. CO.** (of New York), Woodward, Wight & Co. (Ltd.), Agents
See adv index at end of book

MARYLAND.

BALTIMORE — **ELLICOTT MACHINE CORP.**, 1111 Bush
See adv index at end of book
Page Engineering Co., Clagett & Hull

MASSACHUSETTS.

BOSTON—Bertelsen & Petersen Engineering Co., 256 Border
Mead-Morrison Mfg. Co. (Complete Line), Cor Prescott & Orleans, East Boston, Mass.

MICHIGAN.

DETROIT—**DETROIT HOIST & MACHINE CO.**
See adv index at end of book
Detroit Shipbuilding Co. (Ash), Ft. Orleans
Jefferson Iron Works Co., 7 Jefferson av
GRAND HAVEN—Dake Engine Co., (Steam)
LANSING—Novo Engine Co. (Gas & Gasoline)
MARQUETTE—Lake Shore Engine Works (Corliss & Slide Valve)
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.

MINNESOTA.

DULUTH—Clyde Iron Works Sales Co.
See adv index at end of book



National Iron Co.
ST. PAUL—American Hoist & Derrick Co.

MISSOURI.

KANSAS CITY—American Gas Engine Co. ("Weber")
Faultless Engine Co., 1511 Cypress Co.
United Iron Works Co., Inc. (For Coal Mines, etc)
ST. LOUIS—Ellison Wm. & Sons Mfg. Co.
Mundy J. S. (of Newark, N. J.), (For All Purposes), 210 Washington av
Reliance Machine & Tool Works ("Reliance"), Channing & Franklin avs
South St. Louis Foundry Co., 7514 S B'way

NEW JERSEY.

HARRISON—National Hoisting Engine Co. (For All Purposes)
NEWARK—Lambert Hoisting Engine Co., 117 Poinier
Mundy J. S. Hoisting Engine Co. (For All Purposes), 722 Frelinghuysen av

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—**BROWN & SITES CO.**, 30 Church
Consolidated Gas & Gasoline Engine Co., 202 Fulton
GODFREY-KEELER CO. (Mine & Contractors), 70 Warren
See adv index at end of book
Glover Machine Wks., Export Dept. 43 Cedar
Haiss Geo. Mfg. Co. (Coal), 141st & Ryder av
Hoisting Engine Sales Co., Grand Central Terminal
Hoisting Machy. Co. (Steam & Electric), 50 Church
Liberty Hoisting Engine Co., 283 Hudson
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
Pelham Operating Co., 410 W 26th

Borough of Queens.

Borough of Richmond.

WEST NEW BRIGHTON—**HUNT C. W. CO.** *See adv index at end of book*

(End of New York City)

NORTH CAROLINA.

PINETOWN—Parker Surry

OHIO.

CINCINNATI—Lane & Bodley Co., Tenn. av & Paddock rd
CLEVELAND—Chase Machine Co. (Reversible, etc.), 2313 Elm
Clay Engine Mfg. Co., 864 E 72nd, Dept. H
Wellman-Seaver-Morgan Co.
See adv index at end of book
COLUMBUS—Weinman Pump Mfg. Co., 300 Spruce
RAVENNA—Byers Machine Co., The (All Kinds for All Purposes), 242 Sycamore *See adv index at end of book*
TOLEDO—Toledo Foundry & Machine Co.
Toledo Ship Building Co.
ZANESVILLE—Griffith & Wedge Co.

OREGON.

PORTLAND—Portland Iron Works, 14th & Northrup
Willamette Iron & Steel Works

PENNSYLVANIA

BANGOR—Flory S. Mfg. Co. (All Kinds for All Purposes)
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
DANVILLE—Danville Iron & Steel Co.
HOBOKEN—Blaw-Knox Co. (Drums), Freeport rd
MAUCH CHUNK—Mauch Chunk Iron Works
PHILADELPHIA—American Engineering Co. ("Williamson," Frictional Spur & Worm Gear), Aramingo & Cumberland
LIDGERWOOD MFG. CO. (of New York)
See adv index at end of book
Morris I. P. Co. (Mine), Richmond & Norris
Mundy J. S. (For All Purposes), 1744 Market
Toomey Frank Inc. (Dealers), 127 N 3rd
PITTSBURGH—Brown Hoisting Machinery Co., Oliver bldg.
Carlin John H. Machine Co. (Steam & Electric)
COLONIAL SUPPLY CO., 217 Water
See adv index at end of book
Green L. A., First Natl. Bank bldg
LIDGERWOOD MFG. CO. (of New York), Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co. (For Rolling Mills, etc), Box 1124
See adv index at end of book
Milholland J. & J. B. Co., 714 5th av
Pittsburgh Model Engine Co., (4, 6 & 8 Single Vertical), Lexington & McPherson, Pittsburgh, Pa.
PITTSTON—Exeter Machine Works (Steam & Electric)
READING—Orr & Sembower
SCRANTON—Allis-Chalmers Co. ("Allis," Steam), Finch Mfg. Co.
SHIPPENSBURG—Domestic Engine & Pump Co.
STROUDSBURG—Stroudsburg Engine Works (Gas or Gasoline)
WILKES-BARRE—Vulcan Iron Works

TENNESSEE.

CHATTANOOGA—Patten Mfg. Co. (Single & Double Drum)
Street Bros. Machine Works (Steam)
JACKSON—Southern Engine & Boiler Mfg. Co. (2 to 50 H. P.)

VERMONT.

FAIR HAVEN—Fair Haven Foundry & Machine Co.

WASHINGTON.

SEATTLE—**LIDGERWOOD MFG. CO.** (of New York)
See adv index at end of book
Northwestern Iron Works
Seattle Machine Works, 51 W Lander
Washington Iron Works

WEST VIRGINIA.

CHARLESTON—South Side Foundry & Machine Works

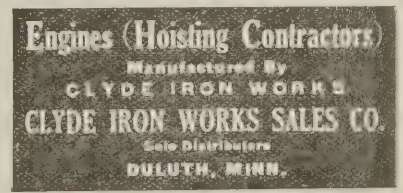
WISCONSIN.

MANITOWOC—Manitowoc Ship Building Co. (Steam)
MILWAUKEE—Allis-Chalmers Mfg. Co. ("Allis," Steam)
Filer & Stowell Co.
Nordberg Mfg. Co., Chicago & Oklahoma
SUPERIOR—Superior Iron Works Co. ("Anchor")

4374—Engines (Hoisting, Contractors')

See also Engines, Hoisting

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book



ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.
West Coast Gas Engine Co., San Diego, Cal.

4375—Engines (Hoisting, Gas or Gasoline)

American Engng. Co. (For Marine Use), Aramingo av & Cumberland, Phila., Pa.

ENGINES, HOISTING (GAS OR GASOLINE)—continued

American Gas Engine Co. ("Weber"), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Bates & Edmonds Motor Co., Lansing, Mich.
Charter Gas Engine Co., Sterling, Ill.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Domestic Engine & Pump Co., Shippensburg, Pa.
Fairbanks, Morse & Co. (Gas, Gasoline & Oil), 900 S Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Jager Chas. J. Co. ("Mason Jager" Gasoline & Oil) 15 Custom House, Boston, Mass.
Lake Shore Engine Works (Gasoline, Hoisting & Pumping), Marquette, Mich.
Lauson-Lawton Co., De Pere, Wis.
LIDGERWOOD MFG. CO. (Also Steam), 96 Liberty, New York *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mundy, J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
O. K. Clutch & Machy. Co., Columbia, Pa.
Roy & Titcomb, Nogales, Ariz.
Schramm Chris D. & Son, Inc., 709 Arch, Phila., Pa.
Standard Gas Engine Co. ("Frisco Standard", 5 to 175 H. P.), Oakland, Cal.
Union Gas Engine Co. ("Union", 5 to 100 H. P.), 351 Montgomery, San Francisco, Cal.
Waterloo Gasoline Engine Co., Waterloo, Ia.
West Coast Gas Engine Co., San Diego, Cal.

4376—Engines (Hoisting, Mine)

See also Engines, Hoisting; also Engines, Hoisting, Gas & Gasoline; also Hoists, Mine

Fulton Engine Wks, 1000 Alhambra, Los Angeles, Cal.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Mundy, J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
West Coast Gas Engine Co., San Diego, Cal.

4377—*Engines (Hoisting, Pneumatic)

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

4378—Engines (Hoisting, Portable)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York, *See adv index at end of book*
MUNDY, J. S. HOISTING ENGINE CO., 722 Frelinghuysen av, Newark, N. J. *See adv index at end of book*

4379—*Engines (Incline Cableway)

See also Engines, Hoisting

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy, J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.

4380— Engines (Jordan)

Black-Clawson Co., Hamilton, O.
Dillon Machine Co., Lawrence, Mass.
Emerson Mfg. Co. ("Emerson"), Lawrence, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
McKim Foundry & Machine Co. (For Laboratories, Chemists, Color Mfrs, etc.), Lockport, N. Y.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Smith & Winchester Mfg. Co., So Windham, Conn.

4380a—Engines (Kerosene)

See also Engines, Oil

Baltimore Oil Engine Co., Eastern av & 31st st, Balto, Md.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Fairbanks Co., 416 Broome, New York
Consolidated Gas & Gasoline Engine Co., 202 Fulton, New York
Miller Engine Co., 2329-31 Talman av, Chicago, Ill.
Mlneapolis Steel & Machinery Co. (Heavy Duty), 29 & Minnehaha, Minneapolis, Minn.
SMITH T. L. CO. ("Smith"), 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Standard Gas Engine Co. ("Frisco Standard"), Oakland, Cal.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York *See adv index at end of book*

Engines (Locomotive Traction)

See Locomotives, Dirt Road

4381— Engines (Logging)

See also Engines, Hoisting

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*



LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
Mundy, J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Street Bros. Machine Works, Chattanooga, Tenn.
Willamette Iron & Steel Works, Portland, Ore.

4382—Engines (Marine, Gasoline)

See also Engines, Automobiles! also Engines, Gas or Gasoline; also Motor Boat, Launch & Yacht Builders

Anderson Engine Co. (2½ to 150 H. P.), 4036 N Rockwell, Chicago, Ill.
Atlantic Boat Co., Amesbury, Mass.
Austin Automobile Co., Grand Rapids, Mich.
Auto Engine Works, University & Griggs av, St. Paul, Minn.
Automatic Machine Co. ("Automatic"), Bridgeport, Conn.
Barber Bros., Syracuse, N. Y.
Barker C. L., Norwalk, Conn.
Belle Isle Boat & Engine Co., Detroit, Mich.
Bethlehem Steel Co., So. Bethlehem, Pa.
Black Rock Mfg. Co., Bridgeport, Conn.
Blount Engineering Co. ("Blount"), 100 High, Boston, Mass.
Brennan Motor Mfg. Co. (2-4-6 Cylinder), Syracuse, N. Y.
Bridgeport Motor Co., Bridgeport, Conn.
Buffalo Gasoline Motor Co. (2 to 100 H. P., 4 Cycle), Buffalo, N. Y.
Cady C. N. Co., Canastota, N. Y.
Caille Perfection Motor Co. ("Perfection"), 2d & Amsterdam, Detroit, Mich.
Camden Anchor-Rockland Machine Co. ("Knox" 2 Cycle, Stationary & Marine), Camden, Me.
Chadwick Engineering Works ("Chadwick"), Pottstown, Pa.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Clinton Walter R. (2 to 60 H. P.), West Haven, Conn.
Clipper Lawn Mower Co. (2 to 8 H. P.), Dixon, Ill.
Continental Motor Mfg. Co., Muskegon, Mich.
Cooley, Wright Mfg. Co., Waterbury, Vt.
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Cushman Motor Works, Lincoln, Neb.
Daman H. C. Co., Oshkosh, Wis.
Davis Mfg. Co., Milwaukee, Wis.
Detroit Engine Works (2 to 20 H. P.), Kerchevi & Connors, Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Driggs Ordnance & Mfg. Corp., New Haven, Conn.
Duluth Gas Engine Works ("Little Giant"), Duluth, Minn.
Dutcher Machine Co., Fulton, N. Y.
Dundon's Iron Wks., 225 Folsom, San Francisco, Cal.
Dunn Walter E., Ogdensburg, N. Y.
Eau Claire Mfg. Co. ("White"), Eau Claire, Wis.
Enterprise Foundry Co., 20 Stewart, San Francisco, Cal.
Enterprise Machinery Co., 1600 8th, Minneapolis, Minn.
Erd Motor Co. (Gas), Saginaw, Mich.
Essex Engine Co. ("Essex"), Lynn, Mass.
Evarts Machine Co. (1½ H. P.), Hartford, Conn.
Evinrude Motor Co., 279 Walker, Milwaukee, Wis.
Fairbanks Co., 416 Broome, New York
Fairbanks Morse & Co., Sheffield Plant, Three Rivers, Mich.
Falls Motors Corp., Sheboygan Falls, Wis.
Fay & Bowen Engine Co. (5 to 75 H. P.), Geneva, N. Y.
Fifield Bros. Co. ("Capitol"), Augusta, Me.
Fitzhenry E. L. & Co., 49 Washington, N. Boston, Mass.
Frazer Bros. Co. ("Frazer-Adams"), Adams, N. Y.
Frontier Engine Works, 9 Perry, Buffalo, N. Y.
Fulton Mfg. Co., Erie, Pa.
Gas Engine & Power Co., & Charles L. Seabury & Co. ("Speedway," also Naptha), Morris Heights, N. Y.
Gooddell Zina ("Naumkeg"), 88 Lafayette, Salem, Mass.
Grand Rapids Gas Engine & Yacht Co. ("Monarch"), Grand Rapids, Mich.
Gray Motor Co. (1, 2 & 3 Cylinder, 3 to 30 H. P.), Det. Term. R. R. & Mack, Detroit, Mich.
GRAY & PRIOR MACHINE CO. ("Hartford"), 96 Suffield, Hartford, Conn. *See adv index at end of book*
Great Lakes Engineering Works, Real Est. Exch. bldg, Detroit, Mich.
Greenville Implement Co., Greenville, Mich.
Harms Bros. ("Eclipse"), 1730 Thames, Baltimore, Md.
Harris Engine Co. ("Harris" 5 to 200 H. P.), Front & Orange, Wilmington, Del.
Herschell-Spillman Co., North Tonawanda, N. Y.
Hettinger Engine Co. (6 H. P. to 50 H. P.) Bridgeton, N. J.
Hoosier Motor Co., Goshen, Ind.
Hubbard Motor Co. (2 & 4-Cycle), Middletown, Conn.
Jager Chas. J. Co. ("Mason Jager" 2, 4, 6 & 8 Cylinder, 10 to 160 H. P.), 15 Custom House, Boston, Mass.
Johnson Carlyle Machine Co., Manchester, Conn.
Jones S. M. Co. ("Ralaco" 4 to 100 H. P.), Toledo, O.
Jones & Schumacher, 1100 West, Wilmington, Del.
Kahlenberg Bros. Co. ("Kahlenberg" Self-Starting, Reversing, ½ & 3 Cylinder, up to 75 H. P.), Two Rivers, Wis.
Kermath Mfg. Co., 45 Fort, E Detroit, Mich.
Knox Motors Co. ("Knox" 20-40 H. P.), Dept. H, Springfield, Mass.
Lackawanna Mfg. Co. (Valveless Reversible), Ballston Spa, N. Y.
Lake Shore Engine Works ("New Superior" 2 & 4-Cycle), Marquette, Mich.
Lamont Alex., 1470 Jefferson, Detroit, Mich.
Landis, E. M., Toledo, O.
Lathrop Jas. W. Co., Mystic, Conn.
Leighton H. J., Syracuse, N. Y.
Lockwood Ash Motor Co., Jackson, Mich.
Mechanics' Foundry & Machine Co. ("Mechanics"), Fall River, Mass.
McDuff Wm. J., Lakeport, N. H.
Michigan Steel Boat Co. (Marine), Kerchevl & Connors, Detroit, Mich.
Midwest Engine Co., 1900 Martindale, Indianapolis, Ind.
Miller Engine Co., 2329-31 N Talman av, Chicago, Ill.
Milwaukee Auto Engine & Supply Co., 841 29th, Milwaukee, Wis.
Missouri Engine Co., St. Louis, Mo.
Morton Motor Co., 974 E Garfield, Detroit, Mich.
Murray Bros. Machine Works, 231-233 Folsom, San Francisco, Cal.
Murray & Tregurtha Co., 340 W First, Boston, Mass.
National Marine Engine Wks., Inc., Scranton, Pa.
Neponset Engine & Machine Co. ("Rex," 6 to 18 H. P.), Neponset, Boston, Mass.
New London Motor Co., New London, Conn.
N. Y. Yacht, Launch & Engine Co. ("20th Century"), Morris Heights, N. Y.
Niagara Motors Corp., Ellicott sq., Buffalo, N. Y.
Nichols & Wright Motor Co., Buffalo, N. Y.
Northwestern Motor Co., 759 Spring, Eau Claire, Wis.
Novo Engine Co., Lansing, Mich.
Page Engineering Co. ("Oriole," Gas), Clagett & Hull, Baltimore, Md.
Palmer Bros., Coscob, Conn.
Peerless Marine Motor Co., 2150 Niagara, Buffalo, N. Y.
Pennsylvania Iron Works Co. ("Globe"), Eddystone, Pa.
Providence Engineering Corp., 521 South Main, Providence, R. I.
Regal Gasoline Engine Co., Coldwater, Mich.
Richards Iron Works, Manitowoc, Wis.
Roberts Motor Co., Sandusky, O.
S. R. Mfg. Co. ("Mohawk"), Schenectady, N. Y.
St. Louis Gas & Gasoline Engine Co. (Up to 500 H. P.), 2615 De Kalb, St. Louis, Mo.
Schaefer Mfg. Co., Berlin, Wis.
Scheppele Chas. A., Dubuque, Ia.
Schlosser Mfg. Co., 151 E 126th, New York
Scripps Motor Co., 629 Lincoln av, Detroit, Mich.
Seattle-Astoria Iron Works, Seattle, Wash.
Skamdia Pacific Oil Engine Co. ("Skamdia" Hot Ball Semi Diesel, 9 H. P. to 500 H. P.), Oakland, Cal.
Smalley-General Co., Bay City, Mich.
Stamford Motor Co ("Snecker"), Stamford, Conn.
Standard Gas Engine Co. ("Frisco Standard" 5 to 175 H. P.), Oakland, Cal.
Standard Motor Const. Co. (75 H. P., up), 180 Whiton, Jersey City, N. J.
Standard Oil Engine Co., Bridgeport, Conn.
Stanley Co., Salem, Mass.
Sterling Engine Co. (3 to 100 H. P. & 4 Cycle), Buffalo, N. Y.
Strelinger Marine Engine Co., 25 St. Aubin, Detroit, Mich.
Termaat & Monahan Mfg. Co. (Reversing), Oshkosh, Wis.
Thomas E. R. Motor Co., Buffalo, N. Y.

Torrington Co., The Standard (Plant "Eagle"), Torrington, Conn.
Trump Bros. Machine Co. ("Pilot"), Beech & Anchorage, Wilmington, Del.
Union Gas Engine Co. ("Union" 5 to 600 H. P.), 351 Montgomery, San Francisco, Cal.
Universal Machine Co., Bowling Green, O.
Universal Motor Co., Oshkosh, Wis.
Valley Boat Co., Saginaw, Mich.
Van Blerck Motor Co. (High speed Engines 75 to 200 H. P. for High Speed Runabouts & Express Cruisers), 30 Church, New York
Vim Motor Co., Sandusky, O.
Waterman Motor Co., 235 Mt. Elliott, Detroit, Mich.
Watkins Motor Co., 828 W 6th, Cincinnati, Ohio
Western Machy Co., 900 N Main, Los Angeles, Cal.
White Chas. Gas Engine Co., Scott & McHenery, Baltimore, Md.
Williams J. H. Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winton Engine Wks. (4-Cycle 75 H. P. & Up), Cleveland, O.
Wisconsin Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.
Wolverine Motor Works (18 to 100 H. P. 4-Cycle), Bridgeport, Conn.

4383— Engines (Marine, Oil)

Astoria Marine Iron Works, Astoria, Ore.
Bolinders Co. (Imp), 30 Church, New York
Burnoil Engine Co., South Bend, Ind.
Busch-Sulzer Bros. Diesel Engine Co. (120 to 1,000 H. P.), 2d & Utah, St. Louis, Mo.
Craig Jas., Garfield av, Jersey City, N. J.
Enterprise Foundry Co., 20 Steuart, San Francisco, Cal.
Fairbanks, Morse & Co. (Type "C-O" Oil), 900 S. Wabash av, Chicago, Ill.
Fairbanks Morse & Co. (Crude Oil), Sheffield Plant, Three Rivers, Mich.
Fulton Mfg. Co. (Diesel Type), Erie, Pa.
Jager Chas. J. Co., ("Mason-Jager"), 15 Custom House, Boston, Mass.
Johannsen H. S. ("Skandea" Fuel from 5 to 500 H. P.), 50 Church, New York
Mietz August Corp. ("Mietz" & "Weiss"), 430 E 19th, New York
Missouri Engine Co. (Up to 60 H. P.), St. Louis, Mo.
New London Ship & Engine Co. ("Diesel Type"), Groton, Conn.
Rathbun-Jones Engineering Co. ("Price-Rathbun"), 841 Spencer, Toledo, O.
Samson Iron Works, Stockton, Cal.
Skamdia Pacific Oil Engine Co. ("Skamdia" Hot Ball & Semi Diesel 9 H. P. to 500 H. P.), Oakland, Cal.
Vulcan Gas Engine Works, 1827 Bainbridge Phila., Pa.
Western Machy Co., 900 N Main, Los Angeles, Cal.

Engines (Marine, Portable)

See Motors, Rowboat, Detachable

Engines (Marine Railway)

See Engines, Hoisting

4384—Engines (Marine, Steam)

This Trade is Duplicated under Engines, Steam
American Ship Building Co., ft of W 54th, Cleveland, O.
Astoria Marine Iron Wks., Astoria, Ore.
Atlantic Works, 80 Border, E B, Boston, Mass.
Augustine Automatic Rotary Engine Co., Buffalo, N. Y
Baltimore Dry Dock & Ship Bldg. Co., Ft East Fort av, Baltimore, Md.
Bartlett A. F. & Co., Saginaw, Mich.
Bath Iron Works, Ltd., Bath, Me.
Bay State Iron Works, Erie, Pa.
Bethlehem Shipbuilding Corp., Ltd. (Reciprocating), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bound Brook Engine & Mfg. Co. ("American Ball"), 1425 Chestnut, Phila., Pa.
Buckeye Engine Co. ("Buckeye" Triple Expansion), Salem, O.
Burton & Johnson Co., 2301 Center av Cleveland, O.
Cahill W. S. Co., Key Highway & Webster, Baltimore, Md.
Chicago Ship Building Co., 101st & Calumet River, Chicago, Ill.
Codd, E. J. Co., 700 S Caroline, Baltimore, Md.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Cramp Wm. & Sons, Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
Evans C. H. & Co., 187 Fremont, San Francisco, Cal.
Fletcher W. & A. Co., Hoboken, N. J.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Fore River Shipbuilding Corp., Quincy, Mass.
Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal
Hallidie Co. (Dealers), Spokane, Wash.
See adv index at end of book
Heffernan Engine Works, Seattle, Wash.
Herreshoff Mfg. Co, Bristol, R. I.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
High Speed Engine Corp., 9 Clinton, Newark, N. J.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
Knowlson & Kelley Co., Troy, N. Y.
Llewellyn Iron Wks., 1200H, N Main, Los Angeles, Cal.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manistee Iron Works Co., Manistee, Mich.
Manitowoc Ship Building Co., Manitowoc, Wis.
Marine Engine & Boiler Co., Philpot & Point, Baltimore, Md.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Maryland Steel Co., Sparrows Point, Md.
Merrill Stevens Dry Dock & Repair Co., Jacksonville, Fla.
Morris Machine Works (1½ to 1000 H. P.) Baldwinsville, N. Y.
New London Marine & Iron Works, New London, Conn.
Newport News Ship Building & Dry Dock Co., 233 B'way, New York
Northwestern Iron Works, Seattle, Wash.
Ogdensburg Machine Co., Ogdensburg, N. Y.
Old Dominion Marine Railway Corp'n, Berkley, Va.
Orr & Sembower, Reading, Pa.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delevan, Brooklyn, N. Y.
Portland Co. (Compound & Triple Expansion), Portland, Me.
Providence Engng. Corp., S Main, Providence, R. I.
Puget Sound Machinery Depot, 318-1st Av, So. Seattle, Wash.
Pusey & Jones Co., Wilmington, Del.
Quintard Iron Works Co., 742 E 12th, New York
Richards Iron Works, Manitowoc, Wis.
Schantz & Eckert, Perth Amboy, N. J.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Sullivan John W. Co. (Compound & Triple Expansion), 827 E 9th, New York
Superior Ship Building Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Toledo Ship Building Co., Toledo, O.
Trout H. G. Co., Buffalo, N. Y.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.
Ward Chas. Engineering Works, Charleston, W. Va.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Willamette Iron & Steel Works, Portland, Ore.

4385—*Engines (Mining, Steam)

Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Power & Mining Machinery Co., 115 B'way, New York

Engines Mounted on Wheels

See Engines, Portable on Wheels

4386— Engines (Naphtha)

American Gas Engine Co. ("Weber"), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Charter Gas Engine Co., Sterling, Ill.
Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, N. Y.
Waterloo Gasoline Engine Co., 625 Milet, Waterloo, Ia.

4387— Engines (Oil)

See also Engines, Alcohol
Acme Oil Engine Co., Bridgeport, Conn.
Advance Rumely Co. ("Oilturn" Kerosene & Distillate, 30 to 60 H. P.), La Porte, Ind.
Alamo Mfg. Co. (Kerosene), Hillsdale, Mich.
Allis-Chalmers Mfg. Co. ("diesel"), Milwaukee, Wis.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Tractor & Foundry Co., Charles City, Ia.
Anderson Engine Co. (Kerosene), 4036 N Rockwell, Chicago, Ill.
Anderson Foundry & Machine Wks. ("Anderson" Crude Oil), Anderson, Ind.
Appleton Mfg. Co. (Kerosene), Batavia, Ill.
Aultman & Taylor Machinery Co. (Kerosene Tractor), Mansfield, O.
Armstrong Mfg. Co., Waterloo, Ia.
Baltimore Oil Engine Co., Eastern av & 31st, Balto, Md.
Bauer Machine Works Co. (20 to 50 H. P.), Kansas City, Mo.
Bessemer Gas Engine Co. ("Bessemer" Crude Oil, 5 to 350 H. P.), Grove City, Pa.
BUFFALO FOUNDRY & MACHINE CO. (Fuel Oil), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Burkett Mfg. Co., 162 W. Spring, Columbus, O.
Burlingame S. F., Worcester, Mass.
Burnoil Engine Co., South Bend, Ind.
Busch-Sulzer Bros.-Diesel Engine Co. (120 to 1,000 H. P.), 2d and Utah, St. Louis, Mo.
Challenge Co. (Kerosene), Batavia, Ill.
Chambersburg Foundry & Machine Co. (Kerosene), Chambersburg, Pa.
Christensen Engineering Co. (Kerosene), Milwaukee, Wis.
Charter Gas Engine Co. ("Sterling," Alcohol, Kerosene & Oil), Sterling, Ill.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, O.
Continental Machine & Fdry Co., 517 Ins. Exchange bldg, Chicago, Ill.
Corcoran A. J., Inc., 745 Jersey av, Jersey city, N. J.
See adv index at end of book
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Covington Machine Co., Covington, Va.
Crawford Mill Supply Co. (Dealers), Winston-Salem, N. C.
De La Vergne Machine Co. ("De La Vergne"), 2101H E 138th, New York
Detroit Engine Works (Kerosene & Coal Oil, 2 to 20 H. P.), Kerchevl & Connors, Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
DODGE SALES & ENGINEERING CO., Mishawaka, Ind.
Edwards Motor Co. (Kerosene), Springfield, Mass.
Dunn Walter E., Ogdensburg, N. Y.
Emerson-Brantingham Co. ("E-B" Kerosene), Rockford, Ill.
Enterprise Foundry Co. (Marine & Stationary), 20 Steuart, San Francisco, Cal.
Erie Forge Co., Erie, Pa.
MacElvoy Engine Co. (Kerosene), Newark, N. J.
Fairbanks, Morse & Co. ("Fairbanks-Morse" Type "Z" & Type "Y" Kerosene or Crude Oil), 900 S Wabash av, Chicago, Ill.
Fairmont Gas Engine & Railway Motor Car Co. (Gasoline & Kerosene), Fairmont, Minn.
Fay & Bowen Engine Co. (Kerosene), Geneva, N. Y.
Foos Gas Engine Co. (Kerosene, 6 to 60 H. P.), 800 Monroe, Springfield, O.
Fuller & Johnson Mfg. Co. (Kerosene), Madison, Wis.
Fulton Iron Works Co. (Diesel), 1295 Delaware av, St. Louis, Mo.
See adv index at end of book
Grand Rapids Gas Engine & Yacht Co. ("Monarch" Kerosene), Grand Rapids, Mich.
Gray Motor Co. (Kerosene), Detroit Terminal R. R. & Mack, Detroit, Mich.
GRAY & PRIOR MACHINE CO. (Marine, Kerosene), 96 Suffield, Hartford, Conn.
See adv index at end of book
Hoyer Engineering Co. (Kerosene), 231 Grove, Milwaukee, Wis.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
International Harvester Company of America (Inc.), ("International"; 1 to 10 H. P.), Harvester bldg, Chicago, Ill.
Jacobson Gas Engine Co., Rensselaer, N. Y.
Johnston & Jenning Co., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R., Cleveland, O. *See adv index at end of book*
Jones Oil Engine Corp. (Semi Diesel Type), Syracuse, N. Y.
Kahlenberg Bros. Co. ("Kahlenberg" Kerosene Marine, up to 75 H. P.), Two Rivers, Wis.
Krajewski-Pesant Cork, 50 Broad, New York
Lackawanna Mfg. Co. ("Lackawanna," Petroleum), Ballston Spa, N. Y.
Lauson John Mfg. Co. (Kerosene & Distillate), New Holstein, Wis.
Midwest Engine Co. ("Diesel" 300 to 1000 H. P.), Indianapolis, Ind.
McDuff Wm. J., Lakeport, N. H.
McEWEN BROS., Wellsville, N. Y.
See adv index at end of book
McIntosh & Seymour Corp. ("Diesel" Type), Auburn, N. Y.
Mietz August Corp. ("Mietz" Kerosene, Fuel & Crude Oil), 430 E 19th, New York
Mo. Engine Co. (Marine), St. Louis, Mo.
Muncie Oil Engine Co. ("Muncie," 10 to 200 H. P.), Muncie, Ind.
National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINERY CO., (5 to 500 H. P.), Oil City, Pa.
See adv index at end of book
New York Engine Co. (Diesel Type), 165 B'way, New York
Nordberg Mfg. Co. (50 H. P. & Up), Chicago & Oklahoma, Milwaukee, Wis. bldg, Pittsburgh, Pa.
Novo Engine Co. (Kerosene), Lansing, Mich.
Ottawa Mfg. Co., Ottawa, Kans.
Otto Gas Engine, 33d & Walnut, Phila., Pa.
Petroleum Engine & Mfg. Co., 120 B'way, New York
Phenix Truck Makers, Inc., 4948 Bloomingdale rd, Chicago, Ill.
Pittsburgh Filter Engng. Co., H Farmers Bank bldg, Pittsburgh, Pa.
Polo Machine Co., Polo, Ill.
Pohl Geo. D. Mfg. Co., Vernon, N. Y.
Power Mfg. Co. ("Primm" Crude Oil), Marion, O.
Rawleigh W. T. Co. (Kerosene), Freeport, Ill.
Reliable Engine Co. (Kerosene), Portsmouth, O.
Remington Oil Engine Co. (6 to 110 H. P., Marine & Stationary), Stamford, Conn.
St. Mary's Oil Engine Co., St. Charles, Mo.

ENGINES (OIL)—continued

Salamanca Engine-Iron Co. (Kerosene), Salamanca, N. Y.
Schramm Chris. D. & Son, Inc., 709 Arch, Phila., Pa.
Smalley-General Co. (Kerosene), Bay City, Mich.
Southwark Foundry & Machine Co. (Diesel Type), 430 Washington av, Phila., Pa.
Standard Fuel Oil Engine Co., Willoughby, O.
Standard Gas Engine Co. ("Frisco Standard"), (Kerosene 5 to 175 H. P.), Oakland, Cal.
Standard Motor Const. Co. (Marine), 130 Whiton, Jersey City, N. J.
Standard Oil Engine Co. ("Semi-Diesel" Type), Bridgeport, Conn.
Superior Gas Engine Co. (Crude), Springfield, O.
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.
Turner Mfg. Co. (Kerosene), Port Washington, Wis.
Union Gas Engine Co., 351 Montgomery, San Francisco, Cal.
Union Tool Co., Torrance, Cal.
Venn-Severin Machine Co., 1317 W North, Chicago, Ill.
Wadsworth Mfg. Co., ("Sandow," Kerosene, Coal Oils, etc., 2 to 20 H. P.), Kerchevl & Connors Creek, Detroit, Mich.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
West Chester Engine Co. (Kerosene), West Chester, Pa.
West Coast Gas Engine Co., San Diego, Cal.
Western Machy. Co., 900 N Main, Los Angeles, Cal.
WORTHINGTON PUMP & MACHINERY CORP. ("Ingeco" Diesel), 115 B'way, New York *See adv index at end of book*

4388— Engines (Oil, Crude)

Anderson Foundry & Machine Wks. ("Anderson"), Anderson, Ind.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
HADFIELD-PENFIELD STEEL CO. (THE), Bucyrus, O.
See adv index at end of book

FUEL OIL ENGINES
Diesel Type
50 H.P. and Up
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
JOHNSTON & JENNINGS CO., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Midwest Engine Co. ("Diesel" 300 to 1000 H. P.), Indianapolis, Ind.
NATIONAL TRANSIT PUMP & MACHINE CO., (5 to 1600 H. P.), Oil City, Pa.
See adv index at end of book
Superior Gas Engine Co. (25 to 200 H. P.), Springfield, Ohio
Toomey Frank, Inc. (Dealers), 127 N 3rd, Phila., Pa.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4389—*Engines (Pile Driving)

See also Engines, Hoisting
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

ENGINES (PILE DRIVING)
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.

Engines (Pneumatic)

See Engines, Compressed Air; also Pneumatic Motors

4390—Engines (Poppet Valve)

Erie City Iron Works ("Lentz" Patent), Erie, Pa.
HOOVEN OWENS, RENTSCHLER CO. ("Hamilton" Uniflow), Hamilton, Ohio
See adv index at end of book
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Skinner Engine Co., Erie, Pa.

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis.
See adv index at end of book

4391—Engines (Portable, on Wheels)

Gas, Gasoline, Naphtha, Etc

See also Engines, Hoisting, Portable; Engines, Traction; Engine, Portable, Steam
Abenaque Machine Works (Gasoline), Westminster Station, Vt.
Acme Engine Co. (Gasoline), Lansing, Mich.
American Gas Engine Co. ("Weber" 2 to 400 H. P.), Kansas City, Mo.
AMES IRON WORKS ("Vim," Agricultural), Oswego, N. Y.
Armstrong Mfg. Co., Waterloo, Ia.
Buckeye Mfg. Co. ("Lambert" Gas & Gasoline, 2 to 20 H. P.), Anderson, Ind.
Buffalo Pitts Co., Buffalo, N. Y.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Case J. I. Threshing Machine Co., Racine, Wis.
Chambersburg Foundry & Machine Co., Chambersburg, O.
Charter Gas Engine Co. ("Charter" Gasoline), Sterling, Ill.
Dice Machine Co. (Gasoline), Anderson, Ind.
Doak Gas Engine Co., Oakland, Cal.
Fairbanks, Morse & Co. (Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.) (4 to 50 H. P.), York, Pa.
Foos Gas Engine Co. (6 to 35 H. P.), 800 Monroe, Springfield, O.
Good Roads Machinery Co., Kennett Square, Pa.
Huber Mfg. Co., Marion, O.
Hydraulic Press Mfg. Co. (Gasoline), Mt. Gilead, O.
International Harvester Company of America (Inc.), (International), Harvester bldg, Chicago, Ill.
Kansas City Engine Works (1½ to 8 H. P.), Kansas City, Mo.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Messinger Mfg. Co., Tatamy, Pa.
Salem Iron Works, Winston Salem, N. C.
Schramm Chris. D. & Son, Inc., 709 Arch, Phila., Pa.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Stover Mfg. & Engine Co. (Gasoline Single Rod), Freeport, Ill.
Thompson Plow & Engine Works (Gasoline), Beloit, Wis.
Union Gas Engine Co. (Gas), 351 Montgomery, San Francisco, Cal.
Willard-Middletown Machine Co., Covington, Ky.

4392—Engines (Portable, Steam)

AMES IRON WORKS ("Vim," 6 to 50 H. P.), Oswego, N. Y.
Bay State Iron Works, Erie, Pa.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Case J. L. Threshing Machine Co., Racine, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Clark Engine & Boiler Co. (3 to 90 H.P.), Kalamazoo, Mich.
Enterprise Co. (25 to 70 H. P.), Columbiana, O.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Nagle Engine & Boiler Works (6 to 50 H. P.), Erie, Pa.
Oil City Boiler Works (4 to 40 H. P.), Oil City, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

4393—Engines (Producer Gas)

Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis.

4394— Engines (Pumping)

See also following headings
American La France Fire Engine Co., Elmira, N. Y.
Byron Jackson Iron Wks., Sharon bldg, San Francisco, Cal.
Consolidated Gas & Gasoline Engine Co., 202 Fulton, New York
Ellicott Machine Corp., 1111 Bush, Baltimore, Md.
See adv index at end of book
Fuller & Johnson Mfg. Co. (For Town Use), Madison, Wis.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
HOOVEN OWENS, RENTSCHLER CO., Hamilton, Ohio
Luitwieler Pumping Engine Co., 123 Ames, Rochester, N. Y.
Union Gas Engine Co. (5 to 600 H. P.), Oakland, Cal.
Vogt Bros. Mfg. Co., **Louisville, Ky.**
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

4395—Engines (Pumping, Deep Well)

Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis.

American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Bremen Mfg. Co. ("Bremen," "Caloric," Noiseless), Bremen, O.
Cameron A. S. Steam Pump Works (Steam), Bowling Green bldg., New York *See adv index at end of book*
Corcoran A. J., Inc., 745 Jersfey av, Jersey City, N. J. *See adv index at end of book*
Cook August D., Lawrenceburg, Ind.
Domestic Eng. & Pump Co., Shippensburg, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Herron R. H. Co., 934 N. Alemeda, Los Angeles, Cal.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Luitwieler Pumping Engine Co. (Gasoline, Electric, Steam & Belt Driven), Rochester, N. Y.
Union Steam Pump Co., Battle Creek, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4396—Engines (Pumping, Gas & Gasoline)

See also Engines, Gas & Gasoline
Advance Mfg. Co., Hamilton, O.
Allman Gas Engine & Machine Co., 461 Canal, New York
American Blakeslee Mfg. Co., Birmingham, Ala.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American La France Fire Engine Co., Elmira, N. Y.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Armstrong Mfg. Co., Waterloo, Ia.
Barber Bros. (Gasoline), Syracuse, N. Y.
Bethlehem Steel Co. ("Bethlehem," Steel Gas, Embraces Vertical Triple Expansion High Duty), South Bethlehem, Pa.
Bremen Mfg. Co. ("Caloric"), Bremen, O.
Buckeye Engine & Foundry Co., Joliet, Ill.
Callahan W. P. Co., Dayton, O.
Capital Gas Engine Co., Indianapolis, Ind.
Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Corcoran A. J., Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Detroit Engine Works, Kerchevl & Connors, Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Eau Claire Mfg. Co., Eau Claire, Wis.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Fairbanks, Morse & Co. (Type "Z," "Y," "Eclipse" & Oil), 900 S Wabash av, Chicago, Ill.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Herron R. H. Co., 934 N Alameda St, Los Angeles, Cal.
International Harvester Co. of America (Inc.), ("International"), Harvester bldg, Chicago, Ill.
Jager Chas. J. Co., ("Mason-Jager"), 15 Custom House, Boston, Mass.
Kansas City Engine Works ("Elliott," 1½ to 8 H. P.), Kansas City, Mo.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Luitwieler Pumping Engine Co. ("Luitwieler," Non-Pulsating, Gasoline), Rochester, N. Y.
Lunt-Moss Co., 43 S Market, Boston, Mass.
Marion Machine, Foundry & Supply Co., Marion, Ind.
McDuff Wm. J., Lakeport, N. H.
New Way Motor Co., Lansing, Mich.
Oil City Boiler Works, Oil City, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Otto Gas Engine Works (Gas), 33d & Walnut, Phila., Pa.
Regal Gasoline Engine Co., Coldwater, Mich.
Standard Gas Engine Co. ("Frisco Standard", 5 to 175 H. P.), Oakland, Cal.
Standard Pump & Engine Co., Akron, O.
Stover Mfg. & Engine Co., Freeport, Ill.
Superior Gas Engine Co., Springfield, O.
Union Gas Engine Co. (5 to 600 H. P.), Oakland, Cal.
Van Nouhuys Machine Wks., Albany, N. Y.
Warner Elev. Mfg. Co. ("Warner"), Warner, Ill.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
Willard-Middletown Machine Co., Covington, Ky.

4397—Engines (Pumping, High Duty)

Aldrich Pump Co., Dept. H, Allentown, Pa.

Allis-Chalmers Mfg. Co. ("Reynolds"-Triple Expansion & Compound, Horizontal & Vertical), Milwaukee, Wis.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dubois Iron Works, Dubois, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Luitwieler Pumping Engine Co. ("Non-Pulsating), Rochester, N. Y.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Platt Iron Works Co. ("Smith-Vaile"), Dayton, O.
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wetherill Robt. & Co., Chester, Pa.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

4398—Engines (Pumping, Hot Air)

American Machine Co. ("Denney Improved Rider-Ericsson"), Newark, Del.
Bremen Mfg. Co. ("Bremen" Caloric Noiseless), Bremen, O.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Rider-Ericsson Engine Co., Walden, N. Y.
Slocomb F. F. & Co. (Oscillating), 14th & Poplar, Wilmington, Del.
Smith Winfield H. ("Essex" Hot Air Only), Buffalo, N. Y.

4399—Engines (Pumping, Hydraulic)

See also Hydraulic Rams

Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book

4400—*Engines (Pumping, Triple Expansion)

National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

4401— *Engines (Quarry)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.

4402-3-4— Engines (Reversing)

See also Engines, Rolling Mill

Allis-Chalmers Mfg. Co. ("Allis," Horizontal & Vertical), Milwaukee, Wis.
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Buckeye Engine Co., Salem, O.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Houston, Stanwood & Gamble Co., 3d & Philadelphia, Cincinnati, O.
Lake Shore Engine Works (For Mine Use), Marquette, Mich.
Mackintosh-Hemphill Co. (Rolling Mill), 12 & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book

4405—Engines (Rolling Mill)

See also Rolling Mill Machinery

Allis-Chalmers Mfg. Co. ("Allis," Steam), Milwaukee, Wis.
Augustine Automatic Rotary Engine Co. (5 H. P. & Up), Buffalo, N. Y.
Cooper C. & G. Co., Mt Vernon, O.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Corliss), Hamilton, O.
See adv index at end of book
Houston, Stanwood & Gamble Co., 3d & Philadelphia, Cincinnati, O.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa.
Murray Iron Works Co. (Corliss), Central av & Washington, Burlington, Ia.
Newbold R. S. & Son Co., Norristown, Pa.
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Portland Co., Portland, Me.
Reading Iron Co., Reading, Pa.
St. Louis Iron & Machine Works, 126 Chouteau av, St. Louis, Mo.
Southwark Foundry & Machine Co. (Steam), 1128 S 4th, Phila., Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

4406— Engines (Rotary)

Augustine Automatic Rotary Engine Co. ("Augustine" Automatic), Buffalo, N. Y.
Eagle-Macomber Motor Car Co., Sandusky, Ohio
Lucey Mfg. Corp. of Tenn. (Oil & Gas Well), Chattanango, Tenn.
Motsinger Rotary Engine Co., Fredonia, Pa.
Randolph L. W. Inc. (Steam), 9 Clinton, Newark, N. J.
Union Tool Co., Los Angeles, Cal.

4407-8—Engines (Self-Oiling)

American Blower Co., 1400 Russell, Detroit, Mich.
Houston, Stanwood & Gamble Co., 3d & Philadelphia, Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4409— Engines (Steam)

All other Lists of Engine Builders in this book are duplicates of this List, excepting Engines, Gas & Gasoline of various kinds, and Engines, Traction; Engines, Oil; Engines, Hot Air; Engines, Hoisting, & Locomotive Builders.

ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry. Co.
Chicago Pneumatic Tool Co., 1925 N 5th av *See adv index at end of book*
Continental Gin Co. (For Cotton Ginning Outfits)
Hardie-Tynes Mfg. Co. (Automatic & Throttling)
MONTGOMERY—Janney & Co.
SELMA—Union Iron Works Co.

ARKANSAS.

FORT SMITH—Ketcham Iron Co.

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works (Cross Compound)
GRASS VALLEY—Taylor Foundry & Engineering Co.
LOS ANGELES—Chicago Pneumatic Tool Co., 307 E. 3rd
See adv index at end of book
Herron R. H. Co., 934 N. Alameda
Union Tool Co. (Single & Twin Cylinder)
SAN FRANCISCO—California Hydraulic Engineering & Supply Co., 70 Fremont
Chicago Pneumatic Tool Co., 175 First
See adv index at end of book
Evans C. H. & Co. (Marine), 187 Fremont
Garratt W. T. & Co., 299 Fremont
Golden State & Miners' Iron Works, 249 1st
Harron, Rickard & McCone (Jobbers), 139 Townsend
Hendy Joshua Iron Works (Automatic & Corliss), 75 Fremont
Main Iron Works, 16th & Daggett
Murray Bros. Machine Works, 233 Folsom
Ocean Shore & Iron Wks., 550 8th
Ohmen Engine Works, 17th & Capp
Vulcan Iron Works, 1849 Kearny
STOCKTON—Stockton Iron Works
TORRANCE—Union Tool Co. (Single & Twin Cylinder)

COLORADO.

DENVER—Card C. S. Iron Works Co.
McFarlane Mfg. Co.
Stearns-Roger Mfg. Co.

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. ("Corliss" or "Green Wheelock")
Coulter & McKenzie Machine Co. (Marine)
NEW HAVEN—Twiss Nelson W. (Automatic)
NEW LONDON—New London Marine & Iron Works

DELAWARE.

WILMINGTON—Harlan & Hollingsworth Corporation (Marine), ft West
Pusey & Jones Co. (Stationery)

FLORIDA.

JACKSONVILLE — Merrill Stevens Dry Dock & Repair Co., Dept. H

GEORGIA.

AUGUSTA—Lombard Iron Works & Supply Co.
COLUMBUS—Pekor Iron Wks. (Piston Valve) *See adv index at end of book*
MACON—**SCHOFIELD'S J. S. SON CO.** (Balance Valves, Throttle Type)
Taylor Iron Works & Supply Co., (Center & Side Crank Balance Valve)
Taylor Iron Wks. & Supplies Co. (Balance Valve), 1014H Broadway
NEWNAN—Cole R. D. Mfg. Co. (Plain Slide & Balance Valve)
SAVANNAH—Kehoe Iron Works (Jobbers)

ILLINOIS.

BELLEVILLE—Harrison Machine Works ("Jumbo")
CHICAGO — Allis-Chalmers Mfg. Co. ("Allis," Corliss, Peoples Gas bldg)
Chicago Pneumatic Tool Co., 300 N Michigan av
See adv index at end of book
Chicago Ship Building Co. (Marine), 101st & Calumet River
Haberkamp Wm. Machine Works, 442 Wells
Jennings Pump & Dredge Co., 180 N Dearborn
Marine Iron Works, 2036 Dominick
New York Blower Co. (Side & Center Crank), Archer av. & Canal, Works: Bucyrus, O.
Wachs E. H. Co. (Vertical), 1525 Dayton
WESTINGHOUSE ELECTRIC & MFG. CO. (of Pittsburgh, Pa.), Conway bldg.
GALENA—Westwick John & Son (2 to 20 H. P.)
GALESBURG—Frost Mfg. Co. (Automatic & Throttling, Side & Centre Crank)
JOLIET—Bates Machine Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
MATTOON—Chuse Engine & Mfg. Co. (Single Valve, 30 to 400 H. P., Four-Valve, 75 to 450 H. P.)
ROCKFORD—Emerson-Brantingham Co.
SPRINGFIELD—Ide A. L. & Sons ("Ideal," Automatic Self-Oiling, Simple Corliss Valve & Comp'd)
STREATOR—Graves L. L.

INDIANA.

ANGOLA—Angola Gas Engine Co.
BLUFFTON—Grimes Geo. W. Co.
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Holtz Co.
INDIANAPOLIS—Chandler & Taylor Co. (Automatic Cut-Off, Plain Slide Valve, Tandem Compounds, Cross Compounds, Single Valve, Throttling, Simple, Self-Contained, Heavy Duty, Splash Oiling, High Speed, etc)
Midwest Engine Co.
Sinker-Davis Co. ("Hoosier")
LA PORTE—Rumely Leo Tractor Co. ("Rumely" Poppet Valve)
MARION—Marion Machine Foundry & Supply Co.

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Wood Bros. Thresher Co.
McDonnell Boiler & Iron Works
OTTUMWA—Ottumwa Iron Works (Also Air)

KENTUCKY.

LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Grainger & Co.
Vogt Henry Machine Co., Inc.

LOUISIANA.

NEW ORLEANS—Chicago Pneumatic Tool Co., 853 Carondelet
See adv index at end of book
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Johnson Iron Works (Ltd.) Morgan & Sequin
Swoop Julian M. (Slide Valve), 913 Girod
SHREVEPORT—Henderson W. K. Iron Works & Supply Co.

MAINE.

BATH—Bath Iron Works, Ltd.
HALLOWELL—Fuller's G. Sons
MECHANIC FALLS—Penney J. W. & Sons Co. (Automatic, 8 to 35 H. P.)
PORTLAND—Adde & Co.
Orr & Jennings

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Bldg. Co, ft. E Fort av
Cahill W. S. Co., Key Highway & Webster

ENGINES (STEAM)—continued
Codd E. J. Co., 700 S Caroline
Marine Engine & Boiler Co. (Marine), Philpot & Point
CUMBERLAND—McKaig Merwin (10 to 100 H. P.)
SPARROWS POINT—Maryland Steel Co. (Marine, etc)

MASSACHUSETTS.

BOSTON—Atlantic Works (Marine), 80 Border, East Boston
Bertelsen & Petersen Engineering Co., 256 Border
Chicago Pneumatic Tool Co., 182 High *See adv index at end of book*
Fitzhenry E. L. & Co., 49 Wash'n N.
Lockwood Mfg. Co. (Marine), 65 Sumner, E. Boston
Mason Marcus & Co., Inc. ("Hercules-Nuevo"), 201 Devonshire
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park
Wood S. A. Machine Co. (Unit Car), 27 Domrell
BRIDGEWATER—Continental Gin Co.
FITCHBURG—Brown Engine & Machine Co. (Automatic, 650 H. P.)
Fitchburg Steam Engine Co. ("Fitchburg," Automatic, Simple & Compound Vertical, Horizontal & High Speed, 20 to 1,500 H. P.)
QUINCY—Fore River Shipbuilding Corp., (Marine)
WORCESTER—Burlingame A. Co. (High Speed Automatic & Semi-Portable)
Union Machine Co. (3 to 30 H. P.)

MICHIGAN.

ALMA—Montigel J. M.
ALPENA—Kline Lewis T.
COMSTOCK—Peer Mfg. Co. ("Climax" Automatic High Speed, Self Contained Centre Crank)
DETROIT—American Blower Co. ("A. B. C."), 1400 Russell
Chicago Pneumatic Tool Co., 95 E Larned *See adv index at end of book*
Detroit River Iron Works, 661 E Atwater
Detroit Ship Building Co., ft Orleans
Fuller Co., 1565 Russell
Great Lakes Engineering Works, Real Est. Exch. bldg.
HANCOCK—Portage Lake Foundry & Machine Co. (Stationary & Marine)
KALAMAZOO—Clarage Fan Co., North & Porter
Clark Engine & Boiler Co. (Horizontal & Vertical, up to 125 H. P.)
LAPEER—McDonald Wm. Sons
MARQUETTE—Lake Shore Engine Works (Corliss Hoisting, etc)
SAGINAW—Bartlett A. F. & Co. (Corliss, Slide Valve & Hoisting, etc)
ST. JOHNS—Richmond & Holmes
ST. JOSEPH—Engberg Electric & Mechanical Works

MINNESOTA.

DULUTH—**CLYDE IRON WORKS SALES CO.** *See adv index at end of book*
Duluth Iron Works
National Iron Co. (Automatic & Corliss)
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Chicago Pneumatic Tool Co., 5th av & 5th S *See adv index at end of book*

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.

MISSOURI.

JOPLIN—Chicago Pneumatic Tool Co., 308 Wall *See adv index at end of book*
KANSAS CITY—United Iron Works Co., Inc.
ST. LOUIS—Chicago Pneumatic Tool Co., 813 Hempstead *See adv index at end of book*
Fritz Geo. J. Foundry & Machine Co., 2018 S 3rd
Fulton Iron Works Co., 1259 Delaware av. *See adv index at end of book*
St. Louis Iron & Machine Works (Corliss), 126 Chonteau av
South St. Louis Foundry Co. ("Automatic" & Slide Valve), 7514 S B'way

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.
NASHUA—Rollins Engine Co. (Automatic Cut Off, 20 to 600 H. P.)

NEW JERSEY.

BRIDGETON—Cox & Sons Co.
CAMDEN—New York Shipbuilding Co.
HOBOKEN—Fletcher W. & A. Co.
JERSEY CITY—Smith Theo. & Sons Co., ft. Essex
Smith Theo. & Sons Co., ft Essex
NEWARK—Hewes & Phillips Iron Works, 8 Orange
Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av.
Skinner & Leary Co., 19 Com'l
Watts-Campbell Co. (Improved Corliss), 298 Ogden
NEW BRUNSWICK—Brunswick Refrigerating Co.
PATERSON—Sipp Machine Co. (Miniature & Toy Engines)
PERTH AMBOY—Perth Amboy Dry Dock Co. (Marine or Stationary)
Schantz & Eckert (Marine, etc)
TRENTON—Mackenzie's Duncan Sons Co.
WEST CARTERET — WHEELER CONDENSER & ENGINEERING CO. ("Wheeler") *See adv index at end of book*

NEW YORK.

ALBANY—Skinner & Arnold (Marine & Stationary)
AUBURN—Quick & Thomas Co.
BALDWINSVILLE—Morris Machine Wks (1½ to 1000 H. P.)
BUFFALO—Augustine Automatic Rotary Engine Co. (5 H. P. & Up)
Buffalo Forge Co. (High Speed Automatic)
Buffalo Foundry & Machine Co., 65 Winchester av. *See adv index at end of book*
Buffalo Pitts Co.
Chicago Pneumatic Tool Co., 20 Franklin *See adv index at end of book*
Frontier Engine Works, 9 Perry
CLYDE—Wood S. W. Engine Co.
FRANKFORT—Acme Road Machy. Co. (Stationary & Portable)
MEDINA—Erie Pump & Engine Works ("Erie"), 149 Glenwood av *See adv index at end of book*

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Pioneer Iron Works, 149 Pioneer
Pioneer Machine Works, 75 Delevan

Boroughs of Manhattan and Bronx.

NEW YORK—Allis-Chalmers Mfg. Co. ("Allis," Corliss, Blowing, etc.), 50 Church
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Buckeye Engine Co., 39 Cortlandt. (See Salem, O.)
Chicago Pneumatic Tool Co., 6 E 44th *See adv index at end of book*
Duncan Stewart & Co. Ltd., Export Dept., 43 Cedar
Gas Engine & Power Co., & Chas. L. Seabury & Co.,, Morris Heights
GODFREY-KEELER CO. (Horizontal), 70 Warren *See adv index at end of book*

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EVERY TYPE FOR ANY DUTY

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Vertical, Horizontal and High Speed Automatic Steam Engines. Portable Engines a Specialty.

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HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Corliss & Medium Speed 4 Valve), 39 Cortlandt *See adv index at end of book*
Howard & Morse ("Solano" High Speed), 45 Fulton
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LUCEY MFG. CORP. (Internal Combustion), 233 B'way
For branch offices see Alphabetical Section
MacKenzie, Quarrier & Ferguson, 2 Rector
Quintard Iron Works Co. (Marine), 742 E 12th
Rothchild Engine Co., 102 Centre
STURTEVANT B. F. CO., ("Sturtevant"), 52 Vanderbilt av, Works: Hyde Park, Boston, Mass. *See adv index at end of book*
Sullivan John W. Co. (Marine), 827 E 9th
WESTINGHOUSE ELECTRIC & MFG. CO., THE, 165 B'way; Works: E Pittsburgh, Pa. *See adv index at end of book*
Worthington Pump & Machy. Corp. (High Speed), 115 B'way, New York *See adv index at end of book*

Borough of Queens.

LONG ISLAND CITY—L. I. Machine & Marine Construction Co., ft of East av

(End of New York City)

NUNDA—Foot Co.
OLEAN—Clark Brothers Co.
OSWEGO—AMES IRON WORKS ("Vim Regal" Automatic and Throttling, "Ames Una-Flow" Automatic High Speed, 10 to 600 H. P.)
Kingsford Foundry & Machine Works, (Marine Una-Flow)
SYRACUSE—Barber Bros.
TROY—Knowlson & Kelley Co.
UTICA—Utica Steam Engine & Boiler Works
VERNON—Pohl Geo. D. Mfg. Co.
WELLSVILLE—Howden J. & Co.

NORTH CAROLINA.

CHARLOTTE—Liddell Co. ("Liddellent Chambers," Balanced Valve & Plain Slide Valve)
Mecklenburg Iron Works
GREENSBORO—Sergeant Mfg. Co.
WINSTON-SALEM—Crawford Mill Supply Co. (Dealers)
Salem Iron Works (Centre Crank)

OHIO.

AKRON—Star Drilling Machine Co. (Upright)
Wellman-Seaver-Morgan Co. (Automatic, Corliss, Hoisting, etc) *See adv index at end of book*
BUCYRUS—New York Blower Co. (Side & Center Crank) (See Chicago, Ill.)
CINCINNATI — Chicago Pneumatic Tool Co., Pearl & Vine *See adv index at end of book*
Houston Stanwood & Gamble Co. (Automatic), 3d & Philadelphia
Lane & Bodley Co. ("Corliss," Four Valve Slide Valve), Tenn. av & Paddock rd
Randle Machinery Co., C. H. & D. Ry. & Powers, Cumville
Steigert L. Co., Logan & Elder
CLEVELAND—American Ship Building Co., ft. of W. 54th
Chicago Pneumatic Tool Co., 109 St. Clair av N E *See adv index at end of book*
Lord Bowler Co.
COLUMBIANA—Enterprise Co. (Automatic, 25 to 200 H. P.) (Center Crank, 25 to 45 H. P.)
DAYTON—Brownell Co. (Automatic & Slide Valve)
Dayton Engine Works
HAMILTON—**HOOVEN, OWENS, RENTSCHLER CO.** ("Hamilton" Corliss & Medium Speed 4 Valve) *See adv index at end of book*
LIMA—Golley & Finley Iron Works
MANSFIELD—
MARIETTA—Pattin Bros. Co.
MARION—Huber Mfg. Co. (Traction & Portable, 16 to 30 H. P.)
MOUNT VERNON—Cooper C. & G. Co. ("Corliss," "Rolling Mill")
NEWARK—Scheidler Machine Works Co.
POMEROY—Pomeroy Machine Co.
SALEM—Buckeye Engine Co. (Automatic; Simple & Compound, Horizontal & Vertical, Direct Connected or Belted, 25 H. P. Up)
SPRINGFIELD—Kelly O. S. Co.
Leffel James & Co. ("Leffel" Automatic, 10 to 50 H. P., also Throttling), East st
Trump Mfg. Co. (8 to 20 H. P.)
TOLEDO—Toledo Foundry & Machine Co.
Toledo Ship Building Co.
YOUNGSTOWN—United Engineering & Foundry Co.
ZANESVILLE—Griffith & Wedge Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—Phoenix Iron Works (Marine)
Portland Iron Works, 14th & Northrup
Willamette Iron & Steel Works

PENNSYLVANIA.

BRADFORD—Bovaird & Co.
Bovaird & Seyfang Mfg. Co.
CHESTER—Wetherill Robt. & Co. (Stationary)
CONNELLSVILLE—Connellsville Machine & Car Supply Co.
CORRY—Ajax Iron Works
DANVILLE—Danville Iron & Steel Co.
EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO. (Automatic)** *See adv index at end of book*
ERIE—Ball Engine Co. (Single Valve, Automatic, 25 to 600 H. P.)
Bay State Iron Works (Stationary & Marine)
Chicago Pneumatic Tool Co., 12th & Cranberry *See adv index at end of book*
Erie City Iron Works ("Lenz" Patent Automatic)
Erie Engine Works (Automatic Cut-off, etc)

Lloyd, A.
Nagle Engine & Boiler Works (6 to 130 H. P.)
Skinner Engine Co. (50 to 750 H. P.)
FRANKLIN—Chicago Pneumatic Tool Co., 6 13th *See adv index at end of book*
HAMBURG—Snell John H. & Sons
HARRISBURG—Harrisburg Fdry. & Machine Works ("Fleming" Side & Center Crank Automatic)
KENNETT SQUARE—American Road Machinery Co.
LEBANON—Weimer Machine Works Co.
MAHANOY CITY—Grant Iron Works
NORRISTOWN—Newbold R. S. & Son Co. (Slide Valve)
OIL CITY—Oil City Boiler Works (20 to 150 H. P. "Eureka")
Oil Well Supply Co.
PHILADELPHIA—Badenhausen Co., 1429 Chestnut
Baizley Jno. Iron Works, 514 S Delaware av
Bound Brook Engine & Mfg. Co. ("American Ball" Automatic), 1425 Chestnut
Chicago Pneumatic Tool Co., 1740 Market *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut
Cramp Wm. & Sons Ship & Engine Building Co. (Marine), Beach & Ball
Toomey Frank Inc. (Dealers), 127 N 3rd
PITTSBURGH—Carlin John H. Machine Co.
Chicago Pneumatic Tool Co., 12 Wood *See adv index at end of book*
Combination Engine Co., 3148 Penn av
Mackintosh-Hemphill Co. (Heavy Rolling Mills, etc.), 12 & Etna *See adv index at end of book*
MESTA MACHINE CO., Box 1124 *See adv index at end of book*

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For Rolling Mills and Power Plants
MESTA MACHINE COMPANY
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Milholland J. & J. B. Co. (Hoisting, Hauling, etc), 714 5th av
Oil Well Supply Co., 215 Water
Rees Jas. & Sons Co., 18 4th
United Engineering & Foundry Co., Farmers Bk. bldg
READING—Orr & Sembower
Reading Iron Co.
RIDGWAY—Ridgway Dynamo & Eng. Co.
SCRANTON—Finch Mfg. Co.
STROUDSBURG—Stroudsburg Engine Wks
TATAMY—Messinger Mfg. Co. (Automatic 3 to 25 H. P.)
TITUSVILLE—Titusville Iron Co.
Young E. R. & Sons
TROY—Troy Engine & Machine Co. (Jno. A. Parsons, Prop.)
TYRONE—Stine J. C. Co. (Haulage, etc)
WAYNESBORO—Frick Co.
WILLIAMSPORT—Rothfuss-Howard Iron Works
Valley Iron Works (Automatic, High Speed, Electric, Enclosed, Self-Oiling)
YORK—Farquhar A. B. Co. (Ltd.) (Centre Crank)
Hench & Dromgold Co.
Motter's Geo. F. Sons

RHODE ISLAND.

BRISTOL—Herreshoff Mfg. Co. (Marine)
PROVIDENCE—American & British Mfg. Co. ("Corliss" & "Green Wheelock"), Charles
Cruickshantk Engine Co., 286 Dyer
Excelsior Steam Engine & Machine Co., 32 Friendship
FRANKLIN MACHINE CO., ("Harris-Corliss". Repairing a Specialty). *See adv index at end of book*
Fuller Iron Works, 40 Tockwotton
Providence Engineering Corp. ("Rice" & "Sargent," Corliss Type), 521 S Main

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.
CHARLESTON—Charleston Dry Dock Machine Co.
COLUMBIA—Gibbes Machinery Co.
Tozer Engine Works

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co.
Lookout Boiler Mfg. Co.
Walsh & Weidner Boiler Co.
Wheland Co. (Centre & Side Crank)
JACKSON—Southern Engine & Boiler Mfg. Co. (Corliss Slide Valve & Center & Side Crank)
MEMPHIS—Ellis Wm. C. & Sons Iron Works
NASHVILLE—Stewart & Bruckner Co.

TEXAS.

CORSICANA—American Well & Prospecting Co.
EL PASO—Chicago Pneumatic Tool Co., 303 San Francisco *See adv index at end of book*
FORT WORTH—Van Zandt Iron Works
GALVESTON—McDonough Iron Works
HOUSTON—Chicago Pneumatic Tool Co., 407 Carter bldg *See adv index at end of book*
SHERMAN—Washington Iron Works
TEXARKANA—De Marce Mrs. A.

UTAH.

SALT LAKE CITY—Chicago Pneumatic Tool Co., 117 W. 2nd S. *See adv index at end of book*
Salt Lake Iron & Steel Co.
Trent Engineering & Machinery Co.

VIRGINIA.

ALEXANDRIA—Aitcheson J. & H.
BERKELEY—Old Dominion Marine Railway Corp'n
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Marine)
NORFOLK—
RICHMOND—Chicago Pneumatic Tool Co., 1004 Mutual bldg *See adv index at end of book*

WASHINGTON.

SEATTLE—Chicago Pneumatic Tool Co., 119 Jackson *See adv index at end of book*
Heffernan Engine Works
Northwestern Iron Works (Marine)
Puget Sound Machinery Depot, 318 1st Av. So.
Washington Iron Works (Slide Valve)
SPOKANE—Union Iron Works
Union Iron Works
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

CLARKSBURG—Osborn's J. F. Sons
PARKERSBURG—Parkersburg Machine Co. (For Oil Country)

WISCONSIN.

EAU CLAIRE—Phoenix Mfg. Co. (Heavy Duty, Rocking Valve Slide)
MANITOWOC—Manitowoc Shipbuilding Co. (Marine)
Richards H. C.
MILWAUKEE—Allis-Chalmers Mfg. Co. ("Allis" Corliss, Blowing)
Bayley Mfg. Co. (Horizontal & Vertical Sido & Center Crank Type)
Filer & Stowell Co. (Rocking Valve, etc.)
Nordberg Mfg. Co. (Corliss, Blowing, Hoisting, Reversing, etc), Chicago Oklahoma
Smith T. L. Co. ("Smith"), 1151 32d *See adv index at end of book*
VILTER MFG. CO. (Corliss & Slide Valve), 1046 Clinton *See adv index at end of book*
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—Superior Ship Building Co. (Marine "Jumbo")

Engines (Steam Turbine)

See Turbines, Steam

4410-11— Engines (Steering)

American Hoist & Derrick Co. (Ship), St. Paul, Minn.
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Flory S. Mfg. Co., Bangor, Pa.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.

4412— Engines (Swinging)

See also Engines, Hoisting

Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Dake Engine Co. (Derrick Swingers), Grand Haven, Mich.
LIDGERWOOD MFG. CO. (For Swinging Derricks), 96 Liberty, New York *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
National Iron Co., Duluth, Minn.
Stroudsburg Engine Wks., Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.

4413—Engines (Traction, Gasoline)

Abenaque Machine Works ("Abenaque"), Westminster Station, Vt.
Advance Mfg. Co. ("Hamilton Advance"), Hamilton, O.
Advance-Rumely Co. ("All Purpose," "Advance," "Gear Scott," "Tiger Pull"), La Porte, Ind.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
Angola Engine & Foundry Co., Angola, Ind.
Aultman & Taylor Machinery Co. (3 Sizes: 18-36, 25-50 & 30-60 H. P.), Mansfield, Ohio
Avery Co. ("Avery"), Peoria, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Bates Tractor Co. ("Bates"), Lansing, Mich.
Bauroth Bros., Springfield, O.
Beeman Garden Tractor Co. ("Beeman"), 311 6th av, S, Mineapolis, Minn.
Best C. L. Gas Traction Co. ("Best"), Oakland, Cal.
Buckeye Mfg. Co. ("Lambert," 10-15 & 25 H P), Anderson, Ind.
Buffalo-Pitts Co., Buffalo, N. Y.
Bull Tractors Madison Motors Corp. ("Big Bull"), 620 S 3rd, Minneapolis, Minn.
Bullock Tractor Co. ("Creeping Grip"), 1801 Diversey blvd, Chicago, Ill.
Case J. I. Threshing Machine Co., ("Case") Racine, Wis.
Chambersburg Foundry & Machine Co., Chambersburg, Pa.
Chief Tractor Mfg. Co. ("Chief"), Ecorse, 607½ Woodward, Detroit, Mich.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Corn Belt Tractor Co. ("Corn Belt"), 2701 Univ. av S E, Minneapolis, Minn.
Cushman Motor Works, Lincoln, Neb.
Dauch Mfg Co. ("Sandusky"), Sandusky, Ohio
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Denning Tractor Co. ("Denning"), Cedar Rapids, Ia.
Detroit Engine Works, Kerchevl & Connors, Detroit, Mich.
Diamond Iron Works ("Diamond" Gas), 2d & 18th av, N Minneapolis, Minn.
Doman H. C. Co., Oshkosh, Wis.
Eagle Mfg. Co. (Gas "Eagle"), Appleton, Wis.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Elliott G. W. & Co. ("Dakota"), De Smet, S. Dak.
Emerson-Brantingham Co. ("E-B," "Reeves"), Rockford, Ill.
Enterprise Machinery Co., 1600-8th, Minneapolis, Minn.
Fairmont Gas Engine & Ry. Motor Car Co. (Farm Tractor), Fairmont, Minn.
Famous Mfg. Co. ("Champion"), East Chicago, Ind.
Farquhar A. B. Co. Ltd. ("Farquhar"), York, Pa.
Gallon Iron Works & Mfg. Co., Gallon, O.
Gile Tractor & Engine Co. ("Gile"), Ludington, Mich.
Gray Tractor Co. ("Gray"), 30th av, S E, & N. P. tracks, Minneapolis, Minn.
Hart-Parr Co. ("Hart-Parr," "Little Devil," "Oil King," "Old Reliable," "Steel King"), Charles City, Ia.
Heer Engine Co. ("Heer"), Portsmouth, O.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hoke Tractor Co. ("Hoke"), South Bend, Ind.
Holmes Tractor Co. ("Holmes Little Giant"), Port Clinton, O.
Holt Mfg. Co. (Caterpillar Type), Stockton, Cal.
Huber Mfg. Co. ("Huber Light 4"), Marion, O.
Hume Mfg Co. ("Hume Junior"), Hume, Ill.
Joliet Oil Tractor Co. (Bates Steel Mule), Joliet, Ill.
Kansas City Hay Press Co. (10 to 40 H P), Kansas City, Mo.
Killen-Strait Mfg. Co. ("Straits"), Appleton, Wis.
Knox Motors Co. ("Knox"), Springfield, Mass.
Lauson John Mfg. Co. ("Lauson"), New Holstein, Wis.
Lawter Tractor Co. ("Lawter"), St. Marys, Ohio
Le Roi Co., Mitchell & 60th av, Milwaukee, Wis.
Lion Tractor Co. ("Lion"), Sec. Bk. bldg, Minneapolis, Minn.
McIntyre Mfg. Co. ("Farmer Boy"), 172 W Locust, Columbus, O.
Minneapolis Threshing Machine Co., Hopkins, Minneapolis, Minn.
Moline Plow Co. ("Moline Universal"), Moline, Ill.
Monarch Tractor Co. ("Neverslip"), Watertown, Wis.
New Way Motor Co., Lansing, Mich.
Nilson Tractor Co. ("Nilson"), 1902 Riverside av, Minneapolis, Minn.
Ohio Mfg. Co. ("Whitney" Tractors), Upper Sandusky, O.
Orchard Machy. Mfg. Co., Gasport, N. Y.
Parrett Tractor Co. ("Parrett"), 343 S Dearborn, Chicago, Ill.
Peoria Tractor Co. ("Peoria"), Peoria, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Pioneer Tractor Mfg. Co. ("Pioneer"), Winona, Minn.
Pittsburgh Model Engine Co. (4, 6 & 8 Cylinder Vertical), Lexington & McPherson, Pittsburgh, Pa.
Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
Reliable Engine Co., Portsmouth, O.
Rock Island Plow Co. ("Heider"), Rock Island, Ill.
Rumely Leo Tractor Co. ("Hoosier"), La Porte, Ind.
Russell & Co., Massillon, O.

ENGINES (TRACTION, GASOLINE)—c't
St. Paul Machinery Mfg. Co. ("St. Paul"), Como & Marion, St. Paul, Minn.
Shirk P. E., Blue Ball, Pa.
Simplex Tractor Co. ("Simplex"), 1611 Central av, Minneapolis, Minn.
Standard Detroit Tractor Co. ("Standard Detroit"), 1506 Fort, W, Detroit, Mich.
Stove Mfg. & Engine Co., Freeport, Ill.
Strite Tractor Co., Plymouth bldg., Minneapolis, Minn.
Sweeney Tractor Co. ("Sweeney's Iron Horse"), Kansas City, Mo.
Transport Tractor Co., 801 Vernon av, Long Island City, N. Y.
Towmotor Co., 1226 E 152nd, Cleveland, Ohio
Waite Tractor Co. ("Waite"), Elgin, Ill.
Wallis Tractor Co. ("Wallis," "Cub" & "Bear"), Racine, Wis.
Ward Tractor Co. ("Ward"), Lincoln, Neb.
Waterloo Gasoline Engine Co., ("Waterloo Boy"), 625 Miles, Waterloo, Ia.
Weber & Damme Wagon Co. ("Parrett," all Purposes) 1621 Broadway, St. Louis, Mo.
Worthington Pump & Machy. Corp. ("Ingeco"), 115 B'way, New York
See adv index at end of book
Yuba Mfg. Co., Marysville, Cal., & 433 California, San Francisco, Cal.

4413a—Engines (Traction, Kerosene)

Advance-Rumely Co. ("Oil-Pull" 15 to 20 h. p.), La Porte, Ind.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
Avery B. F. & Sons ("Louisville-Avery"), Louisville, Ky.
Avery Co., Peoria, Ill.
Bates Tractor Co., Lansing, Mich.
Case J. I. Threshing Machine Co., ("Case") Racine, Wis.
Clay Engine Mfg. Co., 864 E 72nd, Cleveland, Ohio
Cleveland Tractor Co. ("Cleveland"), Euclid & Lamb av, Cleveland, O.
C. O. D. Tractor Co. (13 to 25 H. P.), Minneapolis, Minn.
Climax Engineering Co., Clinton, Ia.
Dayton - Dowd Co. ("Dayton Dowd"), Quincy, Ill.
Detroit Engine Works ("Wadsworth" Light), Kerchevl & Connors, Detroit, Mich.
Doman H. C. Co., Oshkosh, Wis.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Frick Co. ("Frick 12-25"), Waynesboro, Pa.
Hart-Parr Co., Charles City, Ia.
Holt Mfg. Co. (Caterpillar Type), Stockton, Cal.
Joliet Oil Tractor Co., Joliet, Ill.
Kinnard & Sons Mfg. Co. ("Flour City"), 44th av N & Bryant, Minneapolis, Minn.
La Crosse Tractor Co. ("La Crosse"), La Crosse, Wis.
Minneapolis Steel & Machinery Co. ("Twin City"), 2854 Minnehaha av, Minneapolis, Minn.
Ohio Mfg. Co., Upper Sandusky, Ohio
Parrett Tractor Co. ("Parrett"), 343 S Dearborn, Chicago, Ill.
Peoria Tractor Co. ("Peoria"), Peoria, Ill.
Pittsburgh Model Engine Co. (4, 6 & 8 Cylinder Vertical), Lexington & McPherson, Pittsburgh, Pa.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
Worthington Pump & Machy. Corp. ("Ingeco"), 115 B'way, New York
See adv index at end of book

4414—Engines (Traction, Steam)

CALIFORNIA.

STOCKTON—Holt Mfg. Co.

ILLINOIS.

BELLEVILLE—Harrison Machine Works ("Jumbo")
PEORIA—Holt Mfg. Co.
ROCKFORD—Emerson Brantingham Co. ("Reeves" Compound)

INDIANA.

EVANSVILLE—Heilman Machine Works
LA PORTE—Rumely Leo Tractor Co. ("Advance," "Gear-Scott," "Rumely")
MOUNT VERNON—Keck-Gonnermann Co.

IOWA.

CARROLL—Heider Mfg. Co.
CHARLES CITY—Hart-Parr Co. (Oil Gasoline & Kerosene)
DES MOINES—Wood Bros. Thresher Co.
WATERLOO—Waterloo Gasoline Engine Co.

MICHIGAN.

BATTLE CREEK—Nichols & Shepard Co.
LANSING—Olds Motor Works
PORT HURON—Port Huron Engine & Thresher Co.* ("Port Huron" Simple & Compound)

MINNESOTA.

FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. (Farm Tractors)
HOPKINS — Minneapolis Threshing Machine Co.
MINNEAPOLIS — Minneapolis Threshing Machine Co., Hopkins

MISSOURI.

KANSAS CITY—Kansas City Hay Press Co.

NEW YORK.

BUFFALO—Buffalo Pitts Co.
CLYDE—Wood S. W. Engine Co.
FRANKFORT—Acme Road Machy. Co.
SCHENECTADY—Westinghouse Co.

OHIO.

MANSFIELD—Aultman & Taylor Machinery Co. ("Aultman-Taylor," 14 to 25 H. P.)
MARION—Huber Mfg. Co.
MASSILLON—Russell & Co. ("Boss," "Russell")
NEWARK—McNamar Julius J. P. Scheidler Machine Works Co. (10 to 16 H. P.)
SPRINGFIELD—Kelly O. S. Co.
SWANTON—Baker A. D. Co. ("Baker" Special Contractors' Engines)

PENNSYLVANIA.

KENNETT SQUARE—American Road Machinery Co.
TATAMY—Messinger Mfg. Co.
WAYNESBORO—Frick Co. ("Eclipse," Wood & Coal)
YORK—Farquhar A. B. Co. (Ltd.) ("Farquhar" Double Cylinder, "Pennsylvania")

WISCONSIN.

RACINE—Case J. I. Threshing Machine Co. ("Case")

4415—Engines (Traction, Straw Burning)

Aultman & Taylor Machinery Co. (20 & 25 H. P.), Mansfield, O.
Buffalo Pitts Co. ("Buffalo Pitts"), Buffalo, N. Y.
Case J. I. Threshing Machine Co. ("Case"), Racine, Wis.
Huber Mfg. Co. ("New Huber"), Marion, O.
Minneapolis Threshing Machine Co. ("Minneapolis"), 226 N 2d, Hopkins, Minn.
Nichols & Shepard Co. ("Nichols & Shephard"), Battle Creek, Mich.
Rumely Leo Tractor Co. ("Advance," "Gear Scott," "Rumely"), La Porte, Ind.
Russell & Co. ("Massillon"), Massillon, O.
Wood Bros. Thresher Co. ("Wood Bros."), Des Moines, Ia.

4416—*Engines (Unaflow Type)

AMES IRON WORKS ("Ames"), Oswego, N. Y.
Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa.
See adv index at end of book

4417— Engines (Vertical)

This List is duplicated under the head of Engines, Steam

CALIFORNIA.

SAN FRANCISCO—Union Gas Engine Co. (Gas), 351 Montgomery

CONNECTICUT.

NEW HAVEN—Twiss Nelson W. (2 to 25 H. P.)

ILLINOIS.

CHICAGO—Jennings Pump & Dredge Co., 180 N Dearborn
New York Blower Co., Archer av & Canal, Works: Bucyrus, O.
JOLIET—Bates Machine Co. (Automatic High Speed)

IOWA.

BURLINGTON—Murray Iron Works Co., Canal. Works: Bucyrus, O.

MASSACHUSETTS.

BOSTON—Sturtevant B. F. Co., 15 Damon, Hyde Park
FITCHBURG—Fitchburg Steam Engine Co. (20 to 400 H P)

MICHIGAN.

ALMA—Montigel J. M.
COMSTOCK—Peer Mfg. Co. ("Climax" Automatic)
DETROIT—American Blower Co. (Enclosed Self-Oiling), 1400 Russell
Great Lakes Engineering Works (Slide Crank, Marine, etc), Real Est. Exch. bldg.
KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical, Up to 125 H P)
Dutton C. H. Co. (1 to 16 h. p. "Jewel")

MISSOURI.

ST. LOUIS—Fritz Geo. J. Foundry & Machine Co., 2018 S 3d

NEW JERSEY.

CARTERET—WHEELER CONDENSER & ENGINEERING CO. ("Wheeler")
See adv index at end of book
WEST CARTERET—**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler")

NEW YORK.

BALDWINSVILLE—Morris Machine Wks (1½ to 1000 h. p.)
MEDINA — **ERIE PUMP & ENGINE WORKS, INC.,** 141 Glenwood av
See adv index at end of book

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Pioneer Iron Works, 149 Pioneer

Boroughs of Manhattan and Bronx.

NEW YORK—Buckeye Engine Co. (of Salem, O.) ("Ingeco," Gas & Gasoline), 39 Cortlandt
GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
SYRACUSE—Barber Bros.

OHIO.

BUCYRUS—New York Blower Co. (See Chicago, Ill.)
CLEVELAND—Buckeye Engine Co. (of Salem, O.), New England bldg
RAVENNA—Byers Machine Co. The, 242 Sycamore
See adv index at end of book
SALEM—Buckeye Engine Co.
SPRINGFIELD—Leffel James & Co. ("Leffel"), (3 to 7 H. P.), East st
TOLEDO—Toledo Ship Building Co.

PENNSYLVANIA.

EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.**
See adv index at end of book
ERIE—Nagle Engine & Boiler Works (4 to 50 H. P.)
PHILADELPHIA—Rich J. & G., 120 N 6th
READING—Orr & Sembower (Also Horizontal)
TATAMY—Messinger Mfg. Co.
YORK—Farquhar A. B. Co. (Ltd.)

RHODE ISLAND.

PROVIDENCE—Cruickshank Engine Co. (2 to 35 H P), 286 Dyer

WISCONSIN.

MILWAUKEE—Bayley Mfg. Co. (Automatic)
SHEBOYGAN—Optenberg Iron Works

4418—Engines (Washing, Paper Mill)

Clark H. C. & Son Machine Co., Lee, Mass
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Inc.), Fulton, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

4418a—*Engines (Water Works, Pumping)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4419— Engines (Winding)

Cooper C. & G. Co., Mt. Vernon, O.
Hendy Joshua Iron Works (Air, Electric, Hydraulic & Steam Driven), 75 Fremont, San Francisco, Cal.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Toledo Ship Building Co. (Also Mooring), Toledo, O.
Wellman-Seaver-Morgan Co. (Direct Acting), Cleveland, O.
See adv index at end of book

Engines (Yacht or Launch)

See Engines, Marine, Gasoline; also Engines, Oil

4419a— *Engines (Yarding)

Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book*

4420—Entrances (Bronze)

Hawxhurst O. B. & Sons, 162 Pine, Providence, R. I.

4420-21—Entrances (Bronze)

Tyler W. S. Co. (Also Iron), Cleveland, O. *See adv index at end of book*

4422— *Entry Drivers (Coal)

Ingersoll-Rand Co. ("Gibson"), 11 B'way, New York *See adv index at end of book*

4423—Envelopes (Catalog, Merchandise & Tag)

American Envelope Co., West Carrollton, Ohio
American Mfg. Co. (Tag), Battle Creek, Mich.
American Paper Goods Co., Kensington, Conn.
American Papeterie & Envelope Co., Quincy, Ill.
American Tag Co. (Tag), 6133 S State, Chicago, Ill.
Berkowitz Envelope Co., Kansas City, Mo.
Berlin & Jones Envelope Co., 547 W 27th, New York
Birnie Paper Co., Springfield, Mass.
Bushnell Alvah Co. ("Peperoid" Flat & Exp. Mallets "Safe T Seal" Mailing Envelopes, Filing Pockets, etc.), 925 Filbert, Phila., Pa.
Carpenter W. B. Co., 422 Main, Cincinnati, Ohio
Chicago Envelope Co. (Merchandise), 59 E Madison, Chicago, Ill.
Cohen Chas. J., 510 Ludlow, Phila., Pa.
Columbia Envelope Co. (Transparent & Metal Clasp Mfrs.), 349 W Austin av, Chicago, Ill.
Commercial Box & Envelope Co., Chester, Pa.
Continental Paper Bag Co., 17 Battery pl, New York
Cupples Sam'l Envelope Co., 7 Laight, New York
Denney Tag Co. (Tag), Wes Chester, Pa.
Diemer John F. Co. ("Leatherette Expanding Envelopes, Mailing Box Envelopes, etc), 107 Lafayette, New York
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
Goodbody Wm. (Mailing), 505 W B'way, New York
Hinde & Dauch Paper Co., (Corrugated Paper Mailing), Sandusky, O.
Improved Mailing Case Co. (Letter & Package), 309 B'way, New York
Jeffrey Louis Mfg. Co. (Metallic Clasp Merchandise), 78th & Brunswick av, Phila., Pa.
Landa A. & Sons Co. (Leather & Cloth Document), 1706 Foster av, Chicago, Ill.
Modern Mfg. Co. (Metal Clasp), 543 N Lawrence, Phila., Pa.
National Expanding Envelope Co., 110 Worth, New York
National Fiberstock Envelope Co., 427 Moyer, Phila., Pa.
National Paper Product Co., 1879H Montgomery, San Francisco, Cal.
Niagara Envelope Manufactury, Buffalo, N. Y.
Neostyle Envelope Co. (Merchandise), 5 S Wabash av, Chicago, Ill.
Raynor & Perkins Envelope Co. (Letter), 220 William, New York
Salisbury Mfg. Co. (Clasp, Tag, etc), 14 Leather av, Providence, R. I.
Security Envelope Co. (Hand Fold), 29th & 5th av S, Minneapolis, Minn.
Sefton Mfg. Corp. (Mailing), 1301 W 35th, Chicago, Ill.
Sewell-Clapp Envelopes Co. (Mailing), 23 N Desplaines, Chicago, Ill.
Sherman Envelope Co., Worcester, Mass.
Shuman Frank G. ("At-Tach-It" Mailing), 216 N Clinton, Chicago, Ill.
Smead Mfg. Co. ("Bandless" Document) Hastings, Minn.
Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
Taylor-Atkins Paper Co., Burnside, Conn.
Tension Envelope Co. (Package), 87 34th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co. (Tag), Springfield, O.
Thompson & Norris Co. (Corrugated), 212 Concord, Brooklyn, N. Y.
U. S. Envelope Co., Springfield, Mass.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Whiting Paper Co., Holyoke, Mass.
Worcester Envelope Co., Worcester, Mass.

4424— Envelopes (Coin)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Union Envelope Co., Richmond, Va.
Worcester Envelope Co., Worcester, Mass.

4425— Envelopes (Filing)

Diemer Jno. F. Co., 107 Lafayette, New York
Graff Geo. B. Co. ("Steel-Eye"), 294 Washington, Boston, Mass.
Smead Mfg. Co. ("Bandless"), Hastings, Minn.

4426— Envelopes (Leather)

Warren Leather Goods Co., Worcester, Mass.

4427—Envelopes (Plain & Printed)

Alling & Cory Co., Rochester, N. Y.
American Envelope Co., 817 Washington blvd, Chicago, Ill.
American Envelope Co., West Carrollton, Ohio
American Paper Goods Co., Kensington, Conn.
Am. Papeterie Co., Albany, N. Y.
American Paper Products Co. (Church & Sunday School Collection Envelopes), East Liverpool, Ohio
Atlanta Envelope Co., Atlanta, Ga.
Berkowitz Envelope Co., Kansas City, Mo.
Berlin & Jones Envelopes Co., 547 W 27th, New York
Birnie Paper Co., Springfield, Mass.
Bourke-Rice Envelope Co., 511 W Jackson blvd, Chicago, Ill.
Buffalo Envelope Co., 268 Michigan av, Buffalo, N. Y.
Burkley Envelope & Printing Co., Omaha, Neb.
C. & M. Envelope Co., 535 Pearl, New York
California Envelope Co. (Plain), 31 Minna, San Francisco, Cal.
Centralia Envelope Co., Centralia, Ill.
Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, O.
Cohen Chas. J., 510 Ludlow, Phila., Pa.
Columbia Envelope Co., 349 W Austin av, Chicago, Ill.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Cupples Sam'l Envelope Co., 7 Laight, New York
Diem & Wing Paper Co., Gilbert av, Cincinnati, O.
Diemer John F. Co., 107 Lafayette, New York
Eagle Envelope Co., 5 S Wabash av, Chicago, Ill.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Goodbody Wm., 505 W B'way, New York
Gopher Envelopes Co., 500 S 5th, Minneapolis, Minn.
Griffin Envelope Co., 25 Fremont, San Francisco, Cal.
Hesse Envelope & Lithograph Co., 501 N 1st, St. Louis, Mo.
Heywood Mfg. Co., 420 N 3rd, Minneapolis, Minn.
Holyoke Envelope Co., Holyoke, Mass.
Hoyler Envelope Co., 411 S Jefferson, Chicago, Ill.
Improved Mailing Case Co., 309 B'way, New York
Jewell & Co., 1302 Filbert, Phila., Pa.
Jones Wm. C., 154 W 18th, New York
Keevil A. S., 4331 Sacramento, St. Louis, Mo.
Kellogg P. P. & Co., Springfield, Mass.
Logan, Swift & Brigham, Envelope Co. Division: Worcester, Mass.
Luck C. H. Envelope Co., 701 S La Salle, Chicago, Ill.
Mercantile Corp'n, 120 B'way, New York
Moffat Paper Goods Co., New Haven, Conn.
Montag Bros., Atlanta, Ga.
Morgan Envelope Co. Div., Springfield, Mass.
Morgan Envelope Co., Springfield, Mass.
National Envelope Co., 424 W Liberty, Cincinnati, O.
National Envelope Co., Waukegan, Ill.
Neostyle Envelope Co., 5 S Wabash av, Chicago, Ill.
New England Envelope Co., Worcester, Mass.
Niagara Envelope Manufactory, Buffalo, N. Y.
Orgler Envelope Co., 66 Duane, New York
Pacific Coast Envelope Co., 400 2nd, San Francisco, Cal.
Plimpton Mfg. Co., Hartford, Conn.
Powers Paper Co. (Stationary), Springfield, Mass.
Raynor & Perkins Envelope Co., 220 William, New York
Schnur Peter Printing Co., Joplin, Mo.
Security Envelope Co., 2900 5th av S, Minneapolis, Minn.
Sewell-Clapp Envelopes Co., 23 N Desplaines, Chicago, Ill.
Sherman Envelope Co., Worcester, Mass.
Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
Taylor-Atkins Paper Co., Burnside, Conn.
Thomas Stationery Mfg. Co., Springfield, O.
Transo Envelope Co., 3550 Kimball av, Chicago, Ill.
Union Envelope Co., Richmond, Va.
U. S. Envelope Co., Springfield, Mass.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.
Weaver Mailing Envelope & Box Co., 717 Arch, Phila., Pa.
Western Tablet Co. (Plain), St. Joseph, Mo.
Whitcomb Envelope Co., Worcester, Mass.
White, Corbin & Co., Rockville, Conn.
Whiting-Patterson Co., 314 N 13th, Phila., Pa.
Wolf Bros., 330 N 12th, Phila., Pa.
Wolf Envelope Co., E 22d & Payne av, Cleveland, O.
Worcester Envelope Co., Worcester, Mass.

4428—Envelopes (Pliable Metal)

Modern Mfg. Co., 543 N Lawrence, Philadelphia, Pa.

4428a— Eosine

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
National Gum & Mica Co., 59th & 11th av, New York
Wolf Jacques & Co., 369 Harrison, Passaic, N. J.

Epsom Salts

(See Magnesium Sulphate.)

4429-30—Equalizers or Eveners

Adams E. B. & Son ("Adams," "Eureka," "Steel Giant" 3 Horse), Racine, Wis.
Avery B. F. & Sons, Louisville, Ky.
Case J. I. Plow Works, Racine, Wis.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Fort Smith Rim & Bow Co. ("Hickory"), Ft. Smith, Ark.
Gross Co. (Plow Eveners), Carroll, Ia.
Harvey Spring & Forging Co. ("Eureka," "Harvey," "Racine," "Western," "Wisner"), Racine, Wis.
Heider Mfg. Co., Carroll, Ia.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
La Crosse Plow Co., La Crosse, Wis.
Mason F. C. & Co., St. Johns, Mich.
Owatonna Fanning Mill Co., Owatonna, Minn.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Prouty C. & Co., Eldred, Pa.
Racine General Mfg. Co. ("Racine"), (Jobbers), Racine, Wis.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Torrey Bros. Co., Central Village, Conn.
Universal Equalizer Co. ("Universal"), Opera Place, Cincinnati, Ohio.
U. S. Pressed Steel Co. ("U. S."), Ypsilanti, Mich.

4431— Eradicators (Ink)

Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

4432— Erasers (Blackboard)

Brawley T. R. (All Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Caxton School Supply Co. ("Caxton" Side Bound), 560 W Monroe, Chicago, Ill.
Hammett J. L. Co., Kendall sq, Cambridge, Mass.
See adv index at end of book
Hyde W. L. & Co., 94 Blackstone, Boston, Mass.
Rowles E. W. A. Co. ("Danus Noiseless"), 2345 S La Salle, Chicago, Ill.

4433—Erasers (Draftsmen's)

Coates Clipper Mfg. Co. (Electric), Worcester, Mass.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Defiance Mfg. Co., 22 E 41st, New York
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Skinner Bros. Mfg. Co. Inc., Vandeventer & Boyle, St. Louis, Mo.

4434— Erasers (Ink)

Beegee Co., 1133 B'way, New York
Blaisdell Paper Pencil Co., 14 Berkeley, Phila., Pa.
Canton Cutlery Co., Canton, O.
Challenge Cutlery Corp., Bridgeport, Conn.
Crystal Mfg. Co., Syracuse, N. Y.
Graef & Schmidt ("Twin Brand" Imp), 107 Chambers, New York
Landers, Frary & Clark, New Britain, Conn.
Miller Bros. Cutlery Co. (Steel), Meriden, Conn.
Napanoch Knife Co., Napanoch, N. Y.
Novelty Cutlery Co., Canton, O.
Polar Mfg. Co., 101 N Marshall, Phila, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Ross, Jos. & Co., Irvington, N. J.
Schnefel Bros., 684 S 17th, Newark, N. J.
Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

4435— Erasers (Ink, Brush)

Cushman & Denison Mfg. Co. ("Cado"), 240 W 23d, New York
Rush Eraser Co. ("Rush-E-Raser"), Syracuse, N. Y.

4435a—*Erasers (Motor Driven)

Pease C. F. Co., 820 Franklin, Chicago, Ill. *See adv index at end of book*
Schunck & Ogg ("S. & O."), 235 Canal, New York.

4436— Erasers (Rubber)

American Lead Pencil Co., 220 5th av, New York
Dixon Joseph Crucible Co. (for Pencil Ink & Electrotypers), Jersey City, N. J.
Eagle Pencil Co., 703 E 13, New York

ERASERS (RUBBER)—continued
Faber A. W. Rubber Works, 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Faber Eberhard Rubber Co., New, Newark, N. J.
Goodrich B. F. Co., Akron, O.
Laurel Co., Garfield, N. J.
Mayer F. D. Mfg. Co. ("Sun Beam" Art), 222 W Superior, Chicago, Ill.
O. K. Mfg. Co. ("O. K."), Woolworth bldg, New York
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Pease C. F. Co. (Art, "Sunbeam"), 820 N Franklin, Chicago, Ill.
See adv index at end of book
Roberts Weldon Rubber Co., 18 Oliver, Newark, N. J.
Viscol Co. ("Artgum"), Cambridge, Mass.
Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
Yatman Rubber Co., 267 Mt. Pleasant av, Newark, N. J.

4437— Escutcheon Pins

AMERICAN STEEL & WIRE CO. (Brass Steel), 208 La Salle, Chicago, Ill.
See adv index at end of book
Am. Tube & Stamping Co. (**Pressed** Steel), Dept. H, Bridgeport, Conn.
Atlas Tack Co., Fairhaven, Mass.
Clendenin Bros. (Brass), c Central av & Fawn, Baltimore, Md.
Corbin Screw Corporation (Steel or **Brass**), New Britain, Conn.
HASSALL JNO. (INC.), (Brass, Copper, Iron, German Silver, Aluminum, Plated & Coated), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Havell Mfg. Co. (Brass & Steel), 284 Washington, Newark, N. J.
Hungerford U. T. Brass & Copper Co. (Brass & Iron), 80 Lafayette, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Interstate Iron & Steel Co., 104 So Michigan av, Chicago, Ill.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Merchant & Evans Co. (Brass), Washington av & 21st, Phila., Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Parker Wire Goods Co. (Steel & Brass), Worcester, Mass.
Perkins Henry Co., Bridgewater, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co. (Eyelet), 852 Kent av, Brooklyn, N. Y.
Townsend Co., New Brighton, Pa.
Turner & Seymour Mfg. Co. (& Rivets), Torrington, Conn.
Turner & Stanton Co. (Brass & Iron), Norwich, Conn.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Wire Goods Co. (Iron & Brass), Worcester, Mass.

4438— Escutcheons

American Pin Co. ("Ampinco"), Waterbury, Conn.
Art Hardware & Mfg. Co., Seattle, Wash.
Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Fairfacts Co. ("Fairfacts") (China for Plumbing Work), 218 W 14th, New York.
Foster-Merriam & Co., Meriden, Conn.
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*
Hayes Jos. A. (Brass & Iron, etc.), 284 Devonshire, Boston, Mass.
National Lock Co. (Keyhole, Brass & Plated), Rockford, Ill.
New York Glass Knob Wks., 79 E 130th, New York.
Pacific Hardware Mfg. Co. (Cup & Keyhole), Los Angeles, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, **Pa.**
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co. (Cabinet Furniture, Sliding Door & Wood), New Britain, Conn.
Sargent & Co., New Haven Conn.
Skillman Hardware Mfg. Co., Trenton, N. J.
Stimpson Edwin B. Co. (For Keyholes, etc);), 852 Kent av, Brooklyn, N. Y.
Taylor & Boggis Foundry Co., Cleveland, O.
Weber-Knapp Co., Jamestown, N. Y.
See adv index at end of book
Yale & Towne Mfg. Co. ("Yale") (Cabinet, Door etc), Stamford, Conn.

4439— Eserine

Hoffmann La Roche Chemical Works, 440 Washington, New York

4439a— Etching Points

Crafts Arthur A. & Co. (Diamond), 125 Summer, Boston, Mass.

4440 — Ether

Albany Chemical Co., Albany, N. Y.
Bush W. J. & Co., 100 William, New York
Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Northwestern Chemical Co., Wauwatosa, Wis.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Squibb E. L. & Sons, 78 Beekman, New York
U. S. Industrial Chemical Co. (Ethyl), 27H William, New York
Warren Products Co., 265 B'way, New York *See adv index at end of book*

4440a— Ethyle Bromide

Dickinson J. Q. & Co., Malden, W. Va.
Dow Chemical Co., Midland, Mich.
Harmer Laboratories Co., 1704 Market, Phila., Pa.
Mallinckrodt Chemical Works, Mallinckrodt, St. Louis, Mo.
T. M. & G. Chemical Co., Belleville, N. J.

4440b— Ethyl Chloride

Bengue Jules, W Hoboken, N. J.
Cooper Chas. & Co., 194 Worth, New York
Fries & Bros, 92 Reade, New York
Gebauer Chemical Co., Erie bldg., Cleveland, O.
Merck & Co., 45 Park pl., New York

4440c— Eucalyptol

Chris Antoine Co., 20 Platt, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

4440d—Evaporators (Basket Type)

Badger E. B. & Sons Co., 75-A Pitts, Boston, Mass.
See adv index at end of book
Buffalo Foundry & Machine Co., Buffalo, N. Y *See adv index at end of book*
Duncan Stewart & Co. Ltd., Export Dept., 43 Cedar, New York
Swenson Evaporated Co., 53 W Jackson blvd., Chicago, Ill.

4441— Evaporators (Brine)

Scott Ernest & Co. ("Scott"), **Fall River,** Mass.
ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4441a—Evaporators (Chemical)

Garrigue Wm. & Co., 154 Nassau, New York & Chicago
Hamler Boiler & Tank Co., Dept. H., W 66th & S 60th av, Chicago, Ill.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Thermal Syndicate Ltd., 59 East 41st, New York
WHEELER CONDENSER & ENGINEERING CO., W Carteret, N. J.
See adv index at end of book

Lillie Evaporators



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Wheeler Condenser & Engineering Co.
West Carteret, New Jersey 138-5

Zaremba Co. (Caustic Soda), 505 Niagara Life Bldg., Buffalo, N. Y.
See adv index at end of book

4442—Evaporators (Chemical, Paper Pulp)

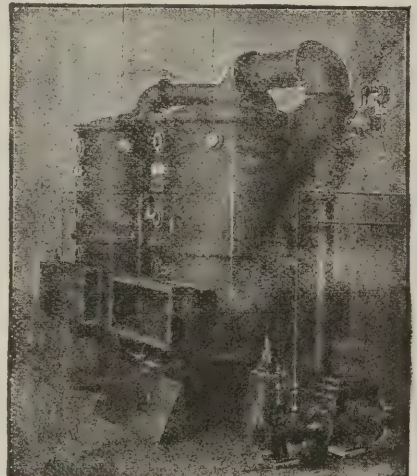
International Process Co. ("Carlson," Solely for the Recovery of Chemicals Used in Sulphate Process of Mfr. of Paper Pulp, from Resinous Wood), 5 Beekman, New York
Joubert & Goslin Mach. & Fdry. Co. (Glycerine), Birmingham, Ala.
Ordway Chas. ("Yaryan" System for Extract of Wood & Soda), 25 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4443—Evaporators (Crystalizing)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Scott Ernest & Co. ("Scott"), Fall River, Mass.
ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4444—Evaporators (Exhaust Steam)

GRISCOM-RUSSELL CO. ("Reilly"), 92 West, New York
See adv index at end of book
Scott Ernest & Co. ("Scott"), Fall River, Mass.



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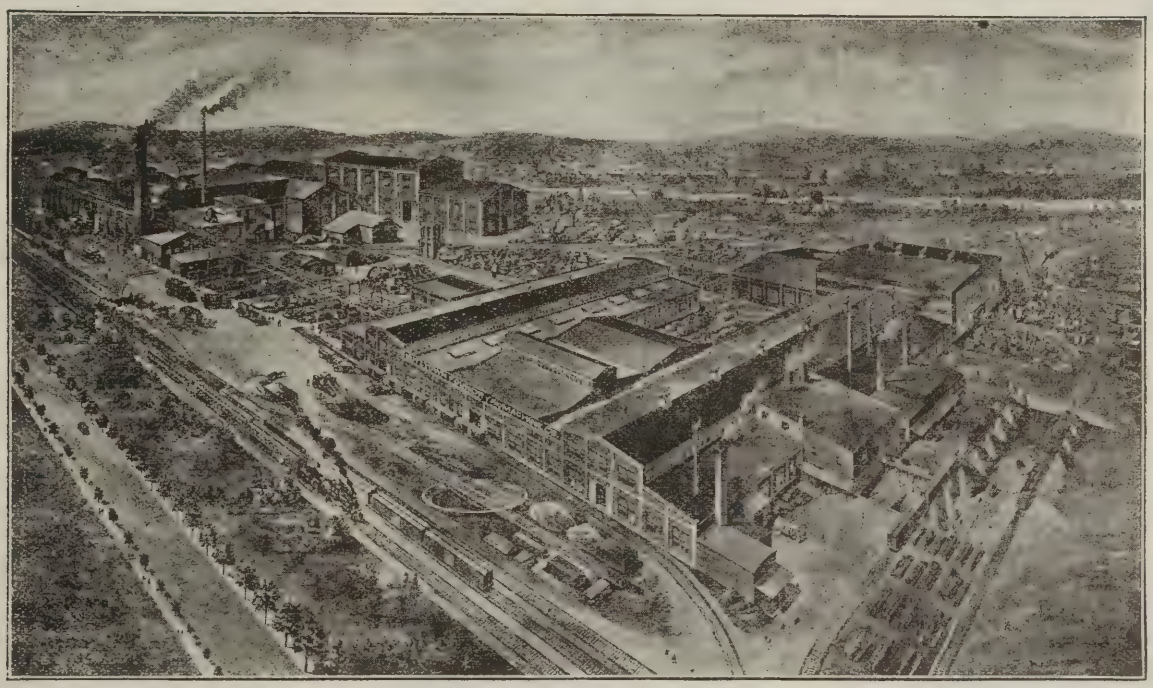
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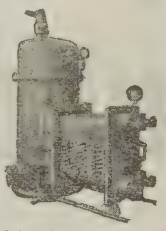
4445—Evaporators (Fresh Water Distilling)

Davidson M. T. Co. ("Baird" Patents for Steam Vessels, Chemical Works, etc), 154 Nassau, New York.
GRISCOM-RUSSELL CO., ("Reilly" Self-Scaling), 92 West, New York.
See adv index at end of book

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For furnishing distilled water in any quantity desired.

Single and multiple plants for marine and stationary service.





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GRISCOM-RUSSELL CO.
92 West Street New York

Row & Davis Engnrs. Inc. ("Paracoil"), 90 West, New York
SCHUTTE & KOERTING CO. ("S. & K." for Producing Fresh Water from Salt & Other Impure Waters), 1251 N 12th, Phila., Pa. *See adv index at end of book*
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4446— Evaporators (Fruit)

Babcock Mfg. Co. ("Granger" "Ostego"), Leonardsville, N. Y.
Blymyer Iron Works Co. ("Zimmerman," also for Bananas for Making Banana Flour) Cincinnati, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
Devine J. P. Co., Buffalo, N. Y.
Deshler Mail Box Co. (& Vegetable) ("Prover"), Deshler, Ohio.
Fahrney Edw. B. ("U-S" Cook Stove, "American" for Fruits, Tea, Coffee, Herbs, Barks, Grain, etc), Waynesboro, Pa.
Hydraulic Press Mfg. Co. (Closed Steam Evaporators, for Cider, Syrup & Cider Jelly, etc), Mt. Gilead, O
Kilby Mfg. Co. (Single & Multiple Effects for Fruit Juices), 4623 Lakeside av, Cleveland, O.
Munnsville Plow Co. ("Duplex," "20th Century," "Munnsville" Evaporator Furnaces for Drying Fruits or Hops on Kilns or Drying Fruit in Tower Evaporation), Munnsville, N. Y.
Ordway Chas. ("Yaryan" system for concentrating fruit juices), 25 Church, New York
Palmer & Co., Noble, Ill.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Sebastian Bros., Odin, Ill.
Sperry D. R. & Co., Batavia, Ill.
Stahl Wm. Sprayer Co. (Small, for Fruit Only), Quincy, Ill.
Strong Homer (Apple Evap. Plants), Rochester, N. Y.
Stutzman Mfg. Co. ("Stutzman," "Orma"), Ligonier, Ind.
Squier Geo. L. Mfg. Co. ("Angola"), B'way & Mortimer, Buffalo, N. Y.
Trescott W. A., Fairport, N. Y.
Warren Evaporator Works ("I. X. L."), Warren, O.

4447— Evaporators (Glue)

Garrigues Com. & Co., 154 Nassau, New York
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Ordway Chas., 25 Church, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.

4447a—Evaporators (High Concentration)

Scott Ernest & Co. ("Scott"), Fall River, Mass.
ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4448—*Evaporators (Horizontal Tube)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Joubert & Goslin Machine & Fdry. Co., Birmingham, Ala.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

4448a— Evaporators (Iron)

See also Specific Headings

Badger E. B. & Sons, 75a Pitts, Boston, Mass. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Swenson Evaporator, 53 W Jackson blvd., Chicago, Ill.
U. S. Cast Iron Pipe & Fdry Co., Burlington, N. J.
Wayte W. J. Inc., 1 Liberty, New York

4449—Evaporators (Jelly, From Apple Juice)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. ("South Allen"), Mt. Gilead, O.

4450—*Evaporators (Lined Acid-Resistent)

ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4451—Evaporators (Maple Sugar & Sorghum)

Bell C. S. Co. ("Bell's," "Cooks" & "Rocker"), Hillsboro, O.
Blymyer Iron Works Co. (Straight or Round Coil Open Steam, also the Closed Multiple Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio
Champion Evaporator Co. ("Champion"), Hudson, O.
Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
Cook Cane Mill & Evaporator Co., 200 N 2d, St. Louis, Mo.
Gowanda Agricultural Works ("Gowanda" Complete Castings for Knocked Down Sets), Gowanda, N. Y.
Grimm G. H. ("Champion," "Grimm's"), Rutland, Vt.
Murkland John W. Co., Barton, Vt.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.
Vermont Farm Machine Co. ("Williams" Single), Bellows Falls, Vt.
Warren Evaporator Works (Milton Matthews Prop.), ("I. X. L."), Warren, O.

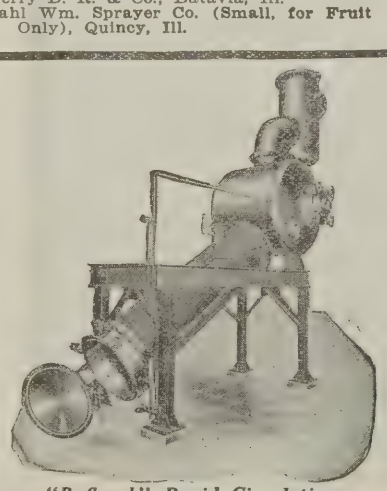
4452— Evaporators (Misc.)

Amerlcan Evaporator Co. (Film Type, "Jedun" Syphonic for all Liquors), 222 N Front, Phila., Pa.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Brecht Co. ("Brecht," with Salt Filter Attached), 1201 Cass av, St. Louis, Mo.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chemical Equipment Co. ("Ceco"), 2457 S Western av, Chicago, Ill.
Devine J .P. Co., Buffalo, N. Y.
Gerdes & Co., 42 Church, New York
See adv index at end of book
GRISCOM-RUSSELL CO., (Fresh Salt Water, Chemical, etc), 92 West, New York *See adv index at end of book*
Joubert & Goslin Machine & Fdry. Co., Birmingham, Ala.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Marshall Foundry Co., 28th & RR., Pittsburgh, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pratt Engineering & Machine Co., Atlanta, Ga.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
ZAREMBA CO. (All Types, Any Size, Any Liquid), 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453—Evaporators (Multiple Effects)

See also Evaporators Vacuum

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Baeuerle & Morris (For the Evaporation & Concentration of all Solutions with or without Salts, Vertical Tube Type), 932 N Front, Phila., Pa.
Black-Clawson Co. (Single, Twin & Triple Cylinder Open Air & Vacuum in Single Effect, Evaporators for Drying & Evaporating Water out of Liquid, Animal, Vegetable & Mineral Products, etc), Hamilton, O.
Blymyer Iron Works Co. (Straight or Round Coil Open Steam Type, also the Closed Multiple Vacuum Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio
BUFFALO FOUNDRY & MACHINE CO. (Multiple & Single Effect Vacuum, etc.), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Casey-Hedges Co., Chattanooga, Tenn.
Cresson-Morris Co. (Single & Multiple Effects, Both Vacuum & Pressure), Allegheny av & 18th, Phila., Pa.
Dyer Co. ("Dyer" Single & Multiple Effects for Cane & Beet Sugar), 2031 Euclid av, Cleveland, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book



"Buflovak" Rapid Circulation Evaporator—Inclined Type.

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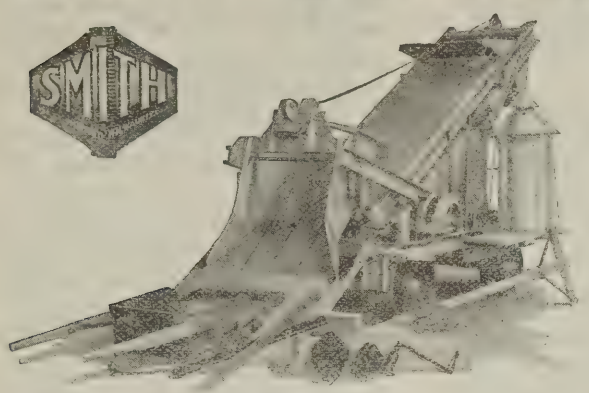
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See adv index at end of book

Joubert & Goslin Mach. & Fdry. Co. (Open Vessel & Closed Type Under Vacuum System, Single, Double, Triple & Quadruple for Various Liquids, Cane, Beet & Maple Sugar, Sorghum, Fruits, Chemicals, Glue, Soap, etc.), Birmingham, Ala.

Kestner Evaporator Co. (For Caustic Soda, Potash, etc.), 18th & Allegheny, Phila., Pa.

Kilby Mfg. Co. (Single & Multiple Effects for Sugar, Glue, Salt, Garbage, Caustic Soda, Fruit Juices, Milk, Stick, Slaughter House, etc), 4623 Lakeside av, Cleveland, O.

Krajewski-Pesant Corp. (For Sugar House Use), 50 Broad, New York

LUMMUS WALTER E. CO., 171 Milk. Boston, Mass.

Murphy John H. Iron Works, 643 Magazine, New Orleans, La.

Newhall Geo. M. Engineering Co. ("Newhall" for Caustic Soda, Glycerine, Tannic Acid, Cane & Beet Juice, Glue, Glucose, Extracts, etc), Commercial Trust bldg, Phila., Pa.

Oat Joseph & Sons, 230 Quarry, Phila., Pa.

Ordway Chas. ("Yaryan" System for Cane Sugar, Glucose, Glue, Water Distillation, Solvents, Extracts of Meat, Malt of Wood & Soda, etc), 25 Church, New York

Philadelphia Coppersmithing Co. (Multiple Effects, Horizontal & Vertical), 222 N Front, Phila., Pa.

Pioneer Iron Works (Horizontal & Vertical for Sugar), 149 Pioneer, Brooklyn, N. Y.

Pusey & Jones Co. (Single & Multiple Effects), Wilmington, Del.

Row & Davis Engnrs., Inc., 90 West, New York

Janborn Evaporator Co. (Single & Multiple Effects), 79 Wall, New York

Scott Ernest & Co. ("Scott"), Fall River, Mass.

Squier Geo. L Mfg. Co. ("Squier-Buffalo," Single, Double & Triple Effects for Sugar), Buffalo, N. Y.

Standard Water Systems Co. ("Tripure" Single & Multiple Effects for the Evaporation of Both Fresh & Salt Water & Other Liquids), Hampton, N. J.

Sugar Apparatus Mfg. Co. ("Lillie" Single & Multiple Effects for Sugar Refiners & Plantations, Natural Brines in the Mfr. of Salt, Glue, Tank Waters, Tannin Extracts, Water Distilling, Soda Liquors, etc), Wilmington, Del.

Swenson Evaporator Co. (For Any Liquids), 53 W Jackson blvd, Chicago, Ill.

Von Phul Gilbert D, Hibernia Bk. bldg., New Orleans, La.

WHEELER CONDENSER & ENGINEERING CO. ("Lillie" Closed Tubular Type for Liquids Only; Water Distilling, Sugar Solutions, Chemicals, etc.), W. Carteret, N. J.
See adv index at end of book

ZAREMBA CO., ("Zaremba" Any Size, Any Service), 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453a— *Evaporators (Potash)

ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453b— Evaporators (Pressure)

Badger Co. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*

Devine J. P. Co., Buffalo, N. Y.

Kestner Evaporator Co., 18th & Allegheny, Phila., Pa.

Scott Ernest & Co. ("Scott"), Fall River, Mass.

4454—*Evaporators (Salt Water)

GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*

4454a—*Evaporators (Single or Multiple Effect)

WHEELER CONDENSER & ENGNG. CO. (For Sugar Solutions, Tank Waters, Runaway Waters, Distilling Slops, Steffins Waters, Water Distillation, Chemicals, etc.), W. Carteret, N. J. *See adv index at end of book*

4454b1— Evaporators (Sugar)

Birmingham Machine & Foundry Co. ("Birmingham"), 3700 10th av, Birmingham, Ala.

Blair, Campbell & McLean, Inc. ("Simplex" & "Multiplex")

Stokes F. J. Machine Co., 17th & Cambria Phila., Pa.

Sugar Machinery Co., Higgins bldg, Los Angeles, Cal.

TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*

Von Puhl Gilbert D., Hibernia Bank bldg, New Orleans, La.

Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

Zaremba Co. (Malt Sugar), 505 Niagara Life bldg, Buffalo, N. Y.
See adv index at end of book

4454b—*Evaporators (Soda Recovery)

Scott Ernest & Co. ("Scott"), Fall River, Mass.

ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4454c— *Evaporators (Sulphite)

ZAREMBA CO. (Waste), 505 Niagara Life bldg, Buffalo, N. Y.
See adv index at end of book

4455— Evaporators (Syrup)

Bell C. S. Co. ("Cook's"), Hillsboro, O.

Golden's Foundry & Machine Co., Columbus, Ga.

Joubert & Goslin Mach. & Fdry. Co. (Multiple Effects), Birmingham, Ala.

Philadelphia Coppersmithing Co. (Multiple Effects), 222 N Front, Phila., Pa.

Scott Ernest & Co. ("Scott"), Fall River, Mass.

Southern Plow Co. ("Cook's"), Columbus, Ga.

4455a— Evaporators (Vacuum)

See also Evaporators Multiple Effect, Also Pans Vacuum

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*

Chemical Equipment Co. ("Ceco"), 2457 S Western av, Chicago, Ill.

Devine J. P. Co., Buffalo, N. Y.

Garrigue William Co., W 45th & Western av Bl Chicago, Ill.

Kestner Evaporator Co., 18th & Allegheny, Phila., Pa.

Krenz Oscar Copper & Brass Wks., 612 Bryant, San Francisco, Cal.

Scott Ernest & Co. ("Scott"), Fall River, Mass.

Sperry D. R. & Co., Batavia, Ill.

Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

Swenson Evaporated Co., 53 W Jackson Blvd., Chicago, Ill.

U. S. Cast Iron Pipe & Fdry Co., Burling, N. J.

Wayte W. J., Inc., 1 Liberty, New York

4455b—*Evaporators (Vertical Tube)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Joubert & Goslin Machine & Fdry. Co., Birmingham, Ala.

4456-7— Evaporators (Water)

Bethlehem Shipbuilding Corp., Ltd. (Sea, Power Station, for Feed Make-up, Domestic and Other Purposes), Dept. H, Broadhead & Parker av, Bethlehem, Pa.

SCHUTTE & KOERTING CO. ("S. & K."), 1251 N 12th, Phila., Pa.
See adv index at end of book

Scott Ernest & Co. ("Scott"), Fall River, Mass.

Ordway Chas. ("Mirrless-Watson" Type for Producing Fresh Water from Sea Water), 25 Church, New York

4458— Evaporometers

Green Henry J. ("Piche"), 1191 Bedford av, Brooklyn, N. Y.

4458a— *Excavators (Cableway)

Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

4459— Excavators (Drag Bucket)

Acme Road Machy. Co., Frankfort, N. Y.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book

Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

4460—Excavators (Drag Line)

See also Buckets, Drag Line Scraper

AUSTIN MACHINERY CORP., Railway Exchange bldg, Chicago, Ill.

Bucyrus Co., S Milwaukee, Wis.

Cable Excavator Co. ("Slack Line"), Commercial Tr. bldg, Phila, Pa.

Clyde Iron Works Sales Co. ("Field," Tower), Duluth, Minn.
See adv index at end of book

Dull Raymond W. Co. (Rear Dumping), 111 W Washington, Chicago, Ill.

Hayward Co., 50 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Indianapolis Cable Excavator Co. ("Negley," Cableway), Indianapolis, Ind.

Link-Belt Co., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Lauer W. B. Co., 415 S Dearborn, Chicago, Ill.

Luther Frederick P. Co., 14 E. Jackson blvd, Chicago, Ill.

MACHINERY SALES CO., 327 S La Salle, Chicago, Ill.
See adv index at end of book

Mansfield Engineering Co. ("Pioneer"), Fletcher Trust bldg, Indianapolis, Ind.

Marion Steam Shovel Co., P. O. Box 505, Marion, O.

EXCAVATORS (DRAG LINE)—continued
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.
National Hoisting Engine Co., Harrison, N. J.
PAGE ENGNG. CO., 189 W Madison, Chicago, Ill.
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
Sauerman Bros. ("Shearer & Mayer" Cableway), 1138 Monadnock blk, Chicago, Ill.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Williams G. H. Co., Erie, Pa.

4461— Excavators (Drainage)

AUSTIN MACHINERY CORP. ("Austin"), Railway Exchange bldg, Chicago, Ill.
Gade C. L. (Full Turntable), Iowa Falls, Iowa
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Osgood Co., Marion, Ohio
Pawling Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*

4462—Excavators (Electric)

Bucyrus Co., S Milwaukee, Wis.

4462a—*Excavators for Canal, Irrigation and Ditch Work

Hayward Co., 50 Church, New York *See adv index at end of book*

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

4463—*Excavators (Placer Mining)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Excavators (Scraper Bucket)

See Excavators, Drag Bucket

4465— * Excavators (Skid)

Hayward Co., 50 Church, New York *See adv index at end of book*

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

4466— Excavators (Steam)

See also Shovels, Steam

Bucyrus Co., S Milwaukee Wis
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty New York *See adv index at end of book*
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Monighan Machine Co. (Drag Bucket), 2032 Carroll av, Chicago, Ill.
New York; Chicago; Koppel, Pa.; Pittsburgh, San Francisco
Osgood Co., Marion, Ohio

4466a— *Excavators (Tower)

Bucyrus Co., S Milwaukee, Wis.
Clyde Iron Works Sales Co. ("Field"), Duluth, Minn. *See adv index at end of book*

4466b— Excavators (Traction)

Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*

Excavators (Trench)

See Sewer & Trench Excavating Machines

4466c—Excavators & Loaders

Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Smith T. L. Co. (Contractors' "Smith"), 1151 32nd, Milwaukee, Wis. *See adv index at end of book*

4467— Excelsior Mfrs.

Allen Chas. M., Fulton, New York
Alpena Excelsior Co. (Also Wood, Wool), Alpena, Mich.
American Fibre Co. (Palm Leaf Mattress), Jacksonville, Fla.
Atlantic Excelsior Mfg. Co., Inc., 507 W 30th, New York
Bartlett Excelsior Co., Melvin Mills, N. H.
Batesville Excelsior Co., Batesville, Ark.
Berry O. P. Co., Wolfeboro Falls, N. H.
BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass.
BOSTON EXCELSIOR CO., 562 W 29th, New York
Caummisar T. C. & Sons, Louisville, Ky.
Charleston Excelsior M. & B. Works, Charleston, S. C.
Dalton Excelsior Co., Dalton, Ga.
Detroit Excelsior Works, 2116 Russell, Detroit, Mich.
Du Pree Mfg. Co., Atlanta, Ga.
Excelsior Supply Co., 1732 Merwin rd, Cleveland, Ohio
EXCELSIOR WRAPPER CO., 224 W Kinzie, Chicago.
EXCELSIOR WRAPPER CO., Grand Rapids, Mich.
EXCELSIOR WRAPPER CO., Sheboygan, Wis.
Farnham J. F. Union N. H.
Fox J. W. Excelsior Co., Grand Rapids, Mich.
High Point Veneer & Panel Co., High Point, N. C.
Hoffman-Corr Mfg. Co. (Also Moss), 312 Market, Phila., Pa.
Hornbeck J. K. & Son, Hancock, N. Y.
Jenks & Muir Mfg. Co., 1441 Hastings, Detroit, Mich.
Johnson Excelsior & Mfg. Co., Indianapolis, Ind.
Laird & Wilson Mfg. Co., Crandon, Wis.
Lord W. M. Co., Union, N. H.
Lyons Geo. P. Excelsior Co., Woodford, Va.
Malone Excelsior Co., Malone, N. Y.
Marinette-Green Bay Mfg. Co., Marinette, Wis.
Means Justin, Edgar, Wis.
Merchants & Mfrs. Supply Co., Chelsea, Mass.
Meridian Mattress Factory, Meridian, Miss.
Minneapolis Mfg. Co., 5th av & S E & E Hennepin, Minneapolis, Minn.
Morris-Jones-Brown Mfg. Co., Dubuque, Ia.
Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.
Payne & Co., Dayton, O.
Peden W. H. Excelsior Co., Fredericksburg, Va.
Pensacola Excelsior Co., Pensacola, Fla.
Petersburg Excelsior Mills, Petersburg, Va.
Phila. Excelsior Co., 716 N 3rd, Philadelphia, Pa.
Phillips Excelsior Co. (Extra Long Green, for Pipe Cores & Dry for All Purposes), Chattanooga, Tenn.
Rice Lake Excelsior Co., Rice Lake, Wis.
Sacramento Wire Mattress Co., Sacramento, Cal.
Selle H. W. & Co. (Excelsior Mfrs.), 1000 Halstead, Chicago, Ill.
Sheffield F. E., Mooers, N. Y.
Terre Haute National Bedding Co., Terre Haute, Ind.
Virginia Excelsior Co., Fredericksburg, Va.
Washington Excelsior & Mfg. Co., Edmonds, Wash.
Whitney H. W., 305 S La Salle, Chicago, Ill.

4468— Exercisers

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Reliance Spring & Mfg. Co., Inc., 3911 2d, B'klyn, N. Y.
Hill-Standard Mfg. Co., Anderson, Ind.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Whitely Exerciser Co., 36 Vesey, New York

4468a— Exchangers (Heat)

Alberger Heater Co., Buffalo, N. Y.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Hope Engng. & Supply Co., 803-06 Farmers Bank bldg., Pittsburgh, Pa.
Knight Maurice A., Akron, O.
Roos Chas. A., 429 E 91st, New York
Stevens Bros., 85 Liberty, New York
Triumph Ice Machine Co., Oakley, Cincinnati, O.

4469— Exhaust Heads

Abendroth G. Irving Co. ("Stein's" 1 in to 42 in), 10 E 43d, New York
ABENDROTH & ROOT MFG. CO. ("Root" & "Hudson"), Newburgh, N. Y. *See adv index at end of book*
Ambrose Machine Co. ("Peerless"), 254 Eagle, Brklyn, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York *See adv index at end of book*
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Bicalky Fan Co., Buffalo, N. Y.
Bolton R. P., 55 Liberty, New York
Burt Mfg. Co., The ("Burt" & "Standard"), 40 Main, Akron, O.
Chicago Eng. Supply Co. ("Champion"), 68 W Lake, Chicago, Ill.
Connecticut Blower Co., Inc. (For Exhaust Steam Pipe), 133 Sheldon, Hartford, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Direct Separator Co. ("Sweet"), Syracuse, N. Y.
Dixie Mfg. Co. ("Dixie"), Russell & B. & O. R. R., Baltimore, Md.
Elliott B. K. Co., 126 6th av, Pittsburgh, Pa.
Empire Blower & Pipe Co. (Steam), Rochester, N. Y.
Industrial Instrument Co. ("Eclipse"), Foxboro, Mass. *See adv index at end of book*
Garrett W. D. & Co., 126 Liberty, New York
Gillis & Geoghegan, 537 W B'way, New York
Hoppes Mfg. Co. (Cast Iron), Springfield, Ohio
Hussey, McCann & Co., 87 Warren, New York
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Konold M. J. Co. (Cast Iron), Bessemer bldg, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Linton Machine Co., 26 Cortlandt, New York
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Miller J. K. Co. ("Western"), Seattle, Wash.
Ohio Body & Blower Co. ("Swartwout" Cast Iron), 9300 Detroit av, Cleveland, O.
PATTERSON-KELLEY CO., Church & Cortlandt, New York *See adv index at end of book*
Pittsburgh Gage & Supply Co. ("Pittsburgh," Vacuum & "Gaco"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Royal Ventilator Co. ("Royal"), 415 Locust, Philadelphia, Pa.
Ruggles Walter G. Co. ("R-K"), 10 High, Boston, Mass.
Ruggles-Klingemann Mfg. Co. ("R. K."), (Cast Iron), Salem, Mass.
Rutzler Enoch Co., 404 E 49th, New York
Simmons John Co. (All Kinds), 110 Centre, New York *See adv index at end of book*
Skinner Bros. Mfg. Co., Vandeventer & Boyle, St. Louis, Mo.
Sorge A. Jr. & Co. ("Sorge" Cast Iron), Monadnock bldg, Chicago, Ill.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Steam Appliance Co. ("Triumph"), Milwaukee, Wis.
Stein John J. ("Stein"), 30 Clay, Brooklyn, N. Y.
Sterling Blower Co. ("Sterling" Steam), Hartford, Conn.
Strandwitz & Scott ("Common Sense"), Camden, N. J.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
UNITED MACHINE & MFG. CO. (Steam) Canton, O.
Williams Franklin Inc. ("Neverust," "Everlast"), 39 Cortlandt, New York
Wright-Austin Co. ("Cyclone," "Wright-Austin" Cast Iron), 97 Woodbridge, W, Detroit, Mich.

4470—Exhaust & Blow Piping

Abendroth G. Irving Co. (Straight Riveted Flanged), 10 E 43d, New York
Allen E. H. Co., 41 Beverly, Boston, Mass.
Allen Engineering & Mfg. Co., Savannah, Ga.
Allington & Curtis Mfg. Co., 53 W Jackson blvd, Chicago, Ill.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York *See adv index at end of book*
Archer Blower & Pipe Co., Seattle, Wash.
Astle H. J. & Co., 118 Orange, Providence, R. I.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
Carlisle & Gale Co., 5 North, Boston, Mass.
Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cushing Daniel & Co., Lowell, Mass.
Cyclone Blow Pipe Co., 2552 W 21st, Chicago, Ill. *See adv index at end of book*
Day Co., 1004 Lyndale, Minneapolis, Minn.
Dixie Mfg. Co., Russell & B. & O. R. R., Baltimore, Md.
Empire Blower & Pipe Co., Rochester, N. Y.
Gerkin J. D. Co., Toledo, Ohio
Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
Haines Co., 1933 W Lake, Chicago, Ill.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Klechler Mfg. Co., Wade & Denman, Cincinnati, O.

Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Lee Thomas & Son Co., 129 W 2nd, Cincinnati, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mannen John E. Co., 3247 St. Clair, Cleveland, O.
Meadon's Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
Miller John K. Co., 1800 9th, Seattle, Wash.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
New Haven Sand Blast Co., New Haven, Conn.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio
Piper J. A. Roofing Co., Greenville, S. C.
Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.
Savannah Blow Pipe Co., Savannah, Ga.
Shaw Benj. F. Co., Wilmington, Del.
Skinner Bros. Mfg. Co., Vandeventer & Boyle, St. Louis, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Stein John J. (Spiral & Straight Riveted Flange), 30 Clay, Brooklyn, N. Y.
Sterling Blower Co., Hartford, Conn.
Strandwitz & Scott, Camden, N. J.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
United States Steel Tank & Pipe Co., 2090 Canalport av, Chicago, Ill.
Valle & Young, Ridgely & Bush, Baltimore, Md.
Venderbush & Co., Detroit, Mich.
VULCAN SHEET METAL & MFG. CO., 45 Fulton, New York
Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
Wright-Austin Co. ("Cyclone" Cast Iron), 315H Woodbridge W., Detroit, Mich.
Young Bros. Co., 6500H Mack, Detroit, Mich.

4471— Exhausters (Acid)

Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Durion Castings Co., Dayton, O.
General Ceramics Co. (Stoneware), 50 Church, New York
Graham Chas. Chemical Pottery Works (Stoneware), 986 Metr. av, Brooklyn, N. Y.

4471a—Exhausters (Cotton)

Sturtevant B. F. Co. ("Sturtevant), 15 Damon, Hyde Park, Boston, Mass.

4472— Exhausters (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Howard & Morse, 45 Fulton, New York
Ilg Electric Ventilating Co., Crawford av, near Diversey blvd, Chicago, Ill.
Mechanical Appliance., Milwaukee, Wis.
Sprague Electric Works, 527 W 34th, New York

4473— Exhausters (Gas)

American Blower Co., 1400 Russell, Detroit, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connersville Blower Co., Connersville, Ind.
Garden City Fan Co., 332 S Mich. av, Chicago, Ill.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Green Fuel Economizer Co., Beacon, N. Y.
Hersh Bros. Co., Allentown, Pa.
Howard & Morse, 45 Fulton, New York
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
Isbell-Porter Co. ("Mackenzie"), 46 Bridge, Newark, N. J.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Parson Mfg. Co. ("Parson"), 35 Nassau, New York
Pratt Engineering & Machine Co. ("Imperial"), Atlanta, Ga.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Roots P. H. & F. M. Co. (& Fittings), Conlersville, Ind.
SCHUTTE & KOERTING CO., 1251 N 12th, Philadelphia, Pa. *See adv index at end of book*
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Western Gas Construction Co., 1431 Buchanan, Fort Wayne, Ind.
Wilbraham-Green Blower Co.

4474—Exhausters (Planing Mill, Etc.)

Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co., 1400 Russell, Detroit, Mich.
Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
Bayley Mfg. Co. (Single & Double Steel Plate), Milwaukee, Wis.
Buffalo Forge Co., Buffalo, N. Y.
Carlisle & Gale Co., 5 North, Boston, Mass.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Dixie Mfg. Co., Russel & B. & O. R. R., Baltimore, Md.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Hersh Bros. Co., Allentown, Pa.
Howard & Morse, 45 Fulton, New York
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O
Massachusetts Blower Co., Watertown, Mass.
Miller J. K. Co. ("Western"), Seattle, Wash.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Skinner Bros. Mfg Co., Vandeventer & Boyle, St. Louis, Mo.
Sterling Blower Co. ("Sterling"). Hartford, Conn.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Western Blow Pipe Co., 2524 S 7th, St. Louis, Mo.
Western Blower Co., 180, 9th av, So., Seattle, Wash.

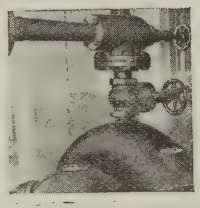
4475—Exhausters (Pump & Engine Starting)

Schutte & Koerting Co., 1251 N 13th, Phila., Pa. *See adv index at end of book*

4476—Exhausters (Steam Jet)

See also Gas Works Apparatus & Construction

Eynon-Evans Corp. (Steam Jet), 15th & Clearfield, Phila., Pa.
Isbell-Porter Co., 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detroit, Mich.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*



For exhausting air or gases from pump lines, vacuum kettles, chemical chambers, etc. No moving parts; large capacity. *Catalog 4-E.*

Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa.

4477—Exhausters (Turbine Driven)

Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
De Laval Steam Turbine Co., East Trenton, N. J.

4478-9— Exhibitors (Rug)

Best John H., Galva, Ill.
Concrete Steel Co., 42 Broadway, New York
Consolidated Carpet Sewing Machine Co. "E Z" Book, "20th Century," "Eschweiler" Track), Bridgeport, Conn.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Taft Machine Co. ("Taft Almetul"), 229 Globe, Providence, R. I.

4480— Expanders (Hose)

Elkhart Brass Mfg. Co., Elkhart, Ind.
Hayward S. F. & Co., 250 W 54th, New York
Larkin Mfg. Co. ("Buckley" Hydraulic), Dayton, O.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Universal Nozzle Co., Indianapolis, Ind.

4481— Expanders (Tube)

See also Pneumatic Flue Expanders

Ajax Mfg. Co. ("Collins" Self-Feed & "Pittsburg" Roller ¼" to 6"), 848 Jackson, Pittsburgh, Pa.
Bullock Chas. K. (Boiler), 1357 Ridge av, Phila., Pa.
Crane Co. (Boiler), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Dudgeon Richard (Boiler), 24 Columbia, New York
Elliott B. K. Co. (Combination Tube Cutter & Expander), 126 6th, Pittsburgh, Pa.
Faessler J. Mfg. Co. ("Boss Roller," "Universal" Roller Flue, etc), Moberly, Mo.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig" Hand & Power, Self-Feeding Flue), St. Paul, Minn.
Henderer's A. L. & Sons ("Ferguson," "High Speed," Self Feed Rolled), Wilmington, Del.
King A. R. Mfg. Co., Kingston, N. Y.
Lovejoy Tool Works (All Steel Ball Bearing Self-Feeding Roller, for Hand or Power, also Sectional Spring), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Nicholson W. H. & Co. ("Nicholson" Self-Feeding & Self-Releasing Roller), Wilkes-Barre, Pa.
Oswego Tool Co. ("World's Champion" Spring, Oswego, N. Y.
Prosser Thos. & Son ("Prosser" Boiler), 15 Gold, New York
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
UNITED MACHINE & MFG. CO. (Boiler), Canton, O.
Wiedeke Gustav & Co. ("Ideal," Self-Feed Roller, "Dayton," "Standard" Rollers "Victor," "Heine," "B. & W.," Water Tube Expanders), Dayton, O.

4482—Expansion Shields & Bolts

Ankyra Mfg. Co., 144 Berkley, Wayne, Jct., Philadelphia, Pa.
Star Expansion Bolt Co. ("Sebco"), 145 Cedar, New York *See adv index at end of book*
Van Expansion Bolt Mfg. Co. ("Van" Shields), 4845 N Lowell av, Chicago, Ill

4482a—Expellers—Ash (S.S.)

McNab Co. ("Stones"), Bridgeport, Conn. *See adv index at end of book*

4483—Expellers (Oil & Moisture)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*

4484— Exploders

See also Blasting Fuses, Cap, etc

DU PONT E. I. de NEMOURS & CO., INC., Sales Dept. (Explosives Div.), Wilmington, Del. *See adv index at end of book*
Hercules Powder Co. ("Ideal" Delay Action), Wilmington, Del.

4485— Exploders (Cartridge)

Susquehanna Casting Co., Wrightsville, Pa.

4486—Exploders (Paper Cap)

Wrightsville Hardware Co. ("Dewey" & "Yellow Kid" Bombs), Wrightsville, Pa.

4487—*Explosives (All Kinds)

See also Powder Mfrs., Dynamite Mfrs., etc.

Am. Glycerin Co. (Nitro Glycerine), Dept. H, Wilmington, Del.
DU PONT E. I. de NEMOURS & CO. INC. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book and adv on page 469*
HERCULES POWDER CO. Wilmington, Del.

4488— *Explosives (Blasting)

DU PONT E. I. de NEMOURS & CO. INC. Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Hercules Powder Co., Wilmington, Del.
McAbee G. R. Powder & Oil Co., Oliver bldg, Pittsburgh, Pa.

4488a— *Explosives (High)

DU PONT E. I. de NEMOURS & CO. INC. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Giant Powder Co. Cons., San Francisco, Cal.

4488b—Explosives (Metal Mining)

Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co., Wilmington, Del.
Phoenix Fire Extinguishing Co., Norwich., Conn.

4489—*Explosives (Permissible)

Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*

4490— Extension (Bit Brace)

Goodell-Pratt Co., Greenfield, Mass.

4491-2— Extensonmeters

Atlas Copper & Brass Mfg. Co., 2743 High, Chicago, Ill. *See adv index at end of book*
Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*
Taylor Instrument Companies ("Ewing"), Rochester, N. Y.
Wissler A., B'way & Wash'n av, St. Louis, Mo.

4493— Extract (Archil)

Bird J. A. & W. & Co. (Agents for Clemons, Marshall & Carbet, Leeds, England), 88 Pearl, Boston, Mass
Innis, Speiden & Co., 46 Cliff, New York *See adv index at end of book*

4493a— Extract (Divi Divi)

Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Imperial Color Works, Inc., Glens Falls, N. Y.
Marden Orth & Hastings, 136 Liberty, New York.
Young J. S. & Co., Hanover, Pa.

4493b— Extract (Fustic)

American Dyewood Co., 80 Maiden lane, New York
Bredt, F. & Co., 240 Water, New York *See adv index at end of book*
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Jamaica Dyewood & Chemical Co., 50 Church, New York.

4493c— Extract (Quercitron)

Am. Dyewood Co., 80 Maiden Lane, New York.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Imperial Dyewood Co., Inc., Glens Falls, N. Y.
Kuttroff Pickhardt & Co., Inc., 128 Duane, New York.
Marden Orth & Hastings Corp., 61 B'way, New York.
Taylor White Extracting Co., Camden, N. J.
Young J. S. & Co., Hanover, Pa.

4493d—Extractor Baskets (Metal)

Hamilton Copper & Brass Works, Hamilton, Ohio
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

4494— Extractors (Barley)

Huntley Mfg. Co. ("Monitor" for Extracting Barley from Other Grain), Silver Creek, N. Y.

4495-6— Extractors (Boll)

Alsop Process Co. ("St. Louis," "Alsop," Cotton), St. Louis, Mo.

Extractors (Cork)

See Pullers, Cork.

4497—Extractors (Cotter Pin)

Boder Cutlery & Hardware Co. ("Alsteel"), 101 Duane, New York
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chapin Stephens Co., Pine Meadow, Conn.
Forged Products Co. ("Gibraltar"), Conway bldg., Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Marcy Tool Works, Putnam, Conn.
Mossberg Frank Co. ("Mossberg" Puller & Spreader), Attleboro, Mass.
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Plomb Tool Mfg. Co., 2209 Av Santa Fe, Los Angeles, Cal.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn av, Cleveland, O.

4498—Extractors (Curd, Clothes Wringing)

Empire Laundry Machinery Co. ("Crawford"), 352 Western av, Boston, Mass.
Troy Laundry Machinery Co. (Ltd.), (Solid Curd), 23d & La Salle, Chicago, Ill.

4498a—Extractors Dyewood & Tanning

LUMMUS WALTER E. CO., 171 Milk, Boston, Mass.
Scott Ernest Co. ("Scott"), Fall River, Mass.
Tolhurst Machine Wks., Dept. H, Troy, N. Y.

4499— Extractors (Garlic)

Huntley Mfg. Co. ("Monitor" for Extracting Garlic from Grain), Silver Creek, N. Y.

4500— Extractors (Gold)

4501— Extractors (Honey & Beeswax)

Falconer W. T. Mgf., Co., Falconer, New York.
Kretchmer Mfg. Co ("Kretchmer" Automatic), Council Bluffs, Ia
Root A. I. Co., Medina, O.

4502— Extractors (Ingot)

Morgan Engineering Co., Alliance, Ohio
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.

4503—Extractors (Lemon Juice)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

4504— Extractors (Mandrel)

United Engineering & Foundry Co. (Hydraulic and Belt Driven), Farmers Bk. bldg, Pittsburgh, Pa.

4505—Extractors (Meat Juice

Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

4506—Extractors (Oil & Grease)

See also Extractors, Steam & Oil.

Acton John ("Nelson" Water Separator or Grease Extractor), 118 John, Brooklyn, N. Y.
Ambrose Machine Co., 251 Eagle, Brooklyn, N. Y.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Curtis Albert B., oil extractors, Worcester, Mass.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Elliot Co., Dept. H., Jeanette, Pa.
Garrigue Wm. & Co. (Oil), 154 Nassau, New York & Chicago
GRISCOM-RUSSELL CO. ("Reilly Multiscreen" & "Ebsen"), 92 West, New York *See adv index at end of book*
Hussey, McCann & Co. ("Peerless" Grease), 87 Warren, New York.
Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.
Jarvis Engine & Machine Works ("Monitor," Oil Only), Lansing, Mich.
Lummus Walter E. Co. (Solvent Process, Oil, Seeds & Resins), 171 Milk, Boston, Mass.
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Patterson Kelley Co., 26 Cortlandt, New York
Reliance Mfg. Co., Cleveland, O.
Robertson Jas. L. & Son ("Hines"), 78 Murray, New York
Row & Davis Engnrs Inc., 90 West, New York
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Tolhurst Machine Co. (Chip), Dept H, Troy, N. Y.
UNITED MACHINE & MFG. CO., Canton, O.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

4506a— Extractors (Screw)

Cleveland Twist Drill Co. ("Ezy-Out"), 1 E 49th, Cleveland, O.

4507— Extractors (Stone)

Huntley Mfg. Co. ("Monitor" for Extracting Stone from Grain, etc), Silver Creek, N. Y.

4508— Extractors (Tap)

Graham Mfg. Co., 96 Point, Providence, R. I.
Walton Co. ("Walton"), Hartford, Conn.

4509— Extractors (Tar)

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Buffalo Forge Co., Buffalo, N. Y.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Isbell-Porter Co. ("P. & A." for Water Gas), 46 Bridge, Newark, N. J.
Smith Gas Engineering Co. ("Smith"), Lexington, Richland Co., Ohio
Tolhurst Machine Co., Dept. H, Troy, N. Y.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

4510— Extracts (Bark)

Am. Extract Co. (Hemlock for Tanning), 10 S. La Salle, Chicago, Ill.
Heald Jno. H. & Co., Lynchburg, Va.
Kuttroff Pickhardt & Co., Inc. (Selling agents), 128 Duane, New York
Marden, Orth & Hastings Co. (Hemlock, Chestnut, Oak, Spruce, etc), 136 Liberty, New York
Michigan Tanning & Extract Co. (Hemlock, etc), Petosky, Mich.
Smethport Extract Co. (Pure Hemlock), Exchange bldg, Boston, Mass.
Tanners Extract Co. (Chestnut, Oak), Charleston, W. Va.
Young John S. & Co., Hanover, Pa.

4511— Extracts (Dyewood)

American Dyewood Co., 80 Maiden la, New York
Baltic Chemical Co., 169H Reade, New York.
Bredt, F. & Co., 240 Water, New York *See adv index at end of book*
Campbell John & Co., 75 Hudson, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Herrick & Voight, 68 Maiden la., New York
Industrial Chemical Co., 220 5th av, New York
Jamaica Dyewood & Chemical Co. ("Rio D'Oro" Brand), 50 Church, New York
Klipstein A. & Co., 644 Greenwich, New York
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewis John D., 63 Charles, Providence, R. I.
Leyland Thos. & Co., Readville, Boston, Mass.
McKenna J. L. & Co., 524 W B'way, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.
Stamford Extract Mfg. Co. (Logwood etc), 88 Wall, New York. Factory: Stamford, Conn.
Sykes W. F. & Co. (Imp), 8 Lispenard, New York
Tanners Extract Co., Charleston, W. Va.
United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.

4512— Extracts (Indigo)

American Dyewood Co. (Dealer), 80 Maiden la, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Lewis John D. (Imported), 63 Charles, Providence, R. I.
Ransom L. E. Co. (Imp), 279 Pearl, New York
Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.
United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.
Worden Chemical Works (Imp), 4 Cedar, New York

4512a— Extracts (Hemlock)

Imperial Color Works Inc., Glen Fals, N. Y.
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Marion Extract Co., Marion, Va.

4512b— Extracts (Hypernic)

Am. Dyewood Co., 80 Maiden Lane, New York
Imperial Dyewood Co., Inc., Glen Falls, N. Y.
Jamaica Dyewood & Chemical Co., 50 Church, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Taylor White Extracting Co., Camden, N. J.

4513— Extracts (Logwood)

American Dyewood Co., 80 Maiden Lane, New York
Bredt, F. & Co., 240 Water, New York *See adv index at end of book*
Campbell John & Co., 75 Hudson, New York
Dye Products Co. of the U. S., Kroms & Wiede, Phila., Pa.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Jamaica Dyewood & Chemical Co., 50 Church, New York
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewis John D., 63 Charles, Providence, R. I.

EXPLOSIVES (All Kinds)

RED CROSS EXTRA 20--60% DYNAMITE—Our most popular brand is similar in its action to the Du Pont Extra dynamite, but is low freezing. It is admirably suited to work in soft rock, in hard rock where it is not desirable to shatter the material, in sand, clay and excavations of every kind. It works extremely well in mining soft ore where there is not much water. It can be used in close work with much more comfort than Straight dynamite, as the fumes are not so objectionable. It is an all-year-round explosive for general purposes, but should not be used in wet bore holes unless the cartridge wrappers are not cut or broken and the charge not left too long in the water.

DU PONT GELATIN 30-75% DYNAMITE has in a great measure replaced other brands of gelatin dynamite because it combines all their virtues of density, plasticity, water resistance, comparative freedom from obnoxious fumes, and in addition, is low freezing. It does not freeze or lose its efficiency unless exposed to very low temperature for a prolonged period. It is used to advantage in every kind of work to which gelatin dynamites are adapted. It is suited to a wider range of work than any other high explosive.

It is especially suitable for close work of every kind, mining and tunneling in the hardest rock under most adverse conditions. The fact that in mining operations thawing is generally unnecessary gives a feeling of safety to the mine operators which they have never enjoyed before this explosive was used.

DU PONT STRAIGHT 25-60% DYNAMITE is a very quick and powerful explosive. It resists water well and is recommended for open work in hard, tough material where a shattering action is desired. It is excellent for mud-capping, scrapping boilers and machinery. It is low freezing. The fumes are such that it should not be used in close work. It is somewhat more sensitive than the other types of high explosives. It is the only grade that can be used in propagated ditch blasts.

RED CROSS GELATIN 35-90% DYNAMITE is low freezing. It can be used in close work the same as Du Pont Gelatin or Repauno Gelatin, but the character of its fumes are somewhat different. It is not to be understood that they are better in any way, but it sometimes happens that miners accustomed to one kind object to the other. The nature of the material worked also has an effect on the fumes, and it often happens that where one kind of gelatin gives objectionable fumes, the other is free from this objection. Red Cross Gelatin is dense, plastic and water resisting.

DU PONT EXTRA 30-60% DYNAMITE is not so quick and shattering in its action as Straight dynamite, but has more of a heaving and lifting effect. It is better suited for soft materials and for close work than Straight dynamite, because its fumes are not so objectionable. It is not low freezing and it does not resist water very well, so the cartridges should not be slit nor left long in wet bore holes.

REPAUNO GELATIN 35-75% DYNAMITE is the well-known standard gelatin dynamite. It is a dense (heavy) plastic explosive, highly water-resisting, and gives a minimum of fumes on explosives. It is low freezing. Gelatin dynamites are used in very wet work, under water, and in close work, where ventilation is deficient. For tunneling and for mining hard rock in wet places gelatin dynamites are unsurpassed. They do not work well unless strongly confined and are unsuitable for such work as mudcapping.

DU PONT BLASTING GELATIN 100% is the strongest and quickest high explosive manufactured. It can be used in close work as it gives a minimum of fumes when exploded. It is practically waterproof, and hence can be used in all kinds of wet or submarine work. It is not low freezing and must be thawed when frozen before using to obtain good results. It must be handled carefully when frozen, because when in this state it is sensitive to shock, while in a thawed condition it can be handled as safely as any other high explosive.

It is especially adapted to blasting hard material in tunnels, submarine blasting, shaft sinking and in places where considerable water is encountered.

DU PONT STUMPING POWDER is a low-freezing dynamite especially adapted to stumping requirements on the West Coast. It does not stand water well, hence cartridges should not be slit or left long in wet bore holes.

REPAUNO STUMPING POWDER is an explosive similar to Du Pont Stumping for West Coast requirements, and having somewhat the same general characteristics. It is low freezing. The precautions against water are the same as for Du Pont Stumping Powder.

ARCTIC DYNAMITE—All Arctic Explosives can be packed in any size cartridges from 1-¼ inches in diameter up. It can also be packed in bulk. It is free running. It is well adapted to blasting in quarries when "well drills" are employed, where large diameter cartridges or bulk packing is of advantage. Strengths of the five different grades of Arctic Powder compared with equal weights of other standard dynamites are as follows: Artic No. 4, equivalent in strength to 45% dynamite. Arctic No. 5, equivalent in strength to 40% dynamite. Arctic No. 6, equivalent in strength to 30% dynamite. Arctic No. 7, equivalent in strength to 25% dynamite.

Arctic Dynamite is a non-freezing explosive.

PERMISSIBLE EXPLOSIVES

DU PONT PERMISSIBLE EXPLOSIVES are: Monobel Nos. 1, 2, 3, 4, 5 and 6, and Carbonite Nos. 1, 2, 3 and 6, and Duobel and Duobel No. 2.

MONOBEL NO. 1 is a permissible explosive, used principally for rock work, trimming and for blasting out the "bone" in coal mines where permissible explosives are required to be used. It may also be used with advantage in narrow seams of very hard coal.

MONOBEL NO. 2 AND MONOBEL NO. 4 (Monobel No. 4 is Low Freezing) are intended for use in hard coal, hard-shooting soft coal and coking coal. They are also used for blasting bottom and top rock, but are not quite so quick acting as Monobel No. 1. Because of their slower action they usually give better results in blasting lump coal. Monobel No. 2 and Monobel No. 4 are as strong as the same weight of 50 per cent. strength dynamite, but, being much lighter, there are about one-third more cartridges to the case.

MONOBEL NO. 3 AND MONOBEL NO. 5 are the slowest acting of the Monobel Explosives and are especially adapted to mining screened coal. They are just as strong as Monobel No. 2 and Monobel No. 4, but are so much slower in their action that miners who have learned to use them properly can mine the softest coal known without breaking it any more than if blasting powder were used and at no more expense. Monobel No. 5 is low freezing. Monobel No. 3 must be thawed when frozen.

MONOBEL NO. 6 is a low freezing grade of Monobel, slightly slower than Monobel No. 1, but quicker and more shattering in its action than Monobel No. 2. It is practically fumeless, does not require thawing, except under severest weather condition, and can be successfully used in shooting hard coal and coking coal where an explosive but little quicker than Monobel No. 2 and Monobel No. 4 is desired.

DUOBEL is a new permissible explosive of the MONOBEL type, but is much bulkier and therefore distributes the blow of the explosives more. It can be used successfully for medium and hard bituminous coal where lump coal is desired. It is not low freezing.

Duobel gives less smoke and objectionable fumes than any other permissible we make.

DUOBEL NO. 2 is a permissible similar in all respects to Duobel, but having the additional advantage of being low freezing.

CARBONITE NO. 1 is intended for the same kind of work as Monobel No. 2. It makes a little more smoke and fumes than Monobel does but stands water better. It is not quite so strong as Monobel No. 2.

CARBONITE NO. 2 is not quite so strong nor quick as Carbonite No. 1. It does not shatter the coal as much as Carbonite No. 1 and can be used more satisfactorily in a softer coal or where it is desired to make more lump coal. It is similar to Carbonite No. 1 in respect to fumes and water resistance. Carbonite No. 5 is low freezing.

CARBONITE NO. 3 and CARBONITE NO. 6 are slower and less shattering even than Carbonite No. 2 and Carbonite No. 5. They are intended for very soft coal and are among the most popular of Du Pont Permissible Explosives. Carbonite No. 6 is low freezing.

CARBONITE NO. 7 is similar to Carbonite No. 6 except that it is more bulky, that is, it runs more cartridges to the case and distributes the explosive force over a greater length of bore hole and is more adapted for producing lump coal in soft formations.

LOW EXPLOSIVES

DU PONT R. R. P. is a black, granular, free-running explosive packed in paraffine paper bags containing 12½ pounds each, and packed four bags to the 50-pound case. It is low freezing and requires no thawing except when long exposed to severe weather conditions. It is used extensively for stripping and on railroad construction work in both rock and earth. It resists water poorly, and requires a detonator of at least 5 pounds of 40 per cent. Straight Dynamite for every 25 pounds of Du Pont R. R. P.

DU PONT F. is a black granular powder slightly stronger than Du Pont R. R. P. It is packed in cartridges and is somewhat more water resisting. It is also low freezing. It is suitable for open work in soft and shaly ground.

DU PONT FF is similar to Du Pont F. but stronger and quicker.

DU PONT FFF is similar to Du Pont FF, but is still stronger and quicker.

BLACK BLASTING POWDER

BLACK BLASTING POWDER is a slow-acting black granular explosive made in standard granulations varying from coarse to fine—the finer granulations being quicker in action than the coarse. The nature of the blasting work determines the choice of granulation. It is deflagrating powder and cannot be detonated. Blasting Powder is made in two kinds—A and B.

"A" BLASTING POWDER is made of sulphur, charcoal and potassium nitrate. It is a little denser, a little stronger and a little less hygroscopic than B Blasting Powder. There are five standard granulations: C, FF, FFFF, 5 F and 7 F.

"B" BLASTING POWDER is made of sulphur, charcoal and sodium nitrate. It is affected by moisture a little quicker than "A" Blasting Powder. There are seven standard granulations: CCC, CC, C, F, FF, FFF, FFFF.

FUSE POWDER is a very fine grained potassium nitrate powder.

EXPLOSIVES FOR MILITARY USES

CANNON POWDER (Black and Smokeless)-Propelling Charge. Trinitrotoluol, Compressed Trinitrotoluol (T. N. T.), Picric Acid, Detonators, Nitrocellulose, Black Fuse Powder, Black Powder Pellets, Black Powder, Pyralin Discs.

E. I. DU PONT DE NEMOURS & COMPANY, Inc., Wilmington, Del.

See Advertisements at Explosives and Powder Mfrs. See List of Branch Offices at end of book

EXTRACTS (LOGWOOD)—continued
Leyland Thos. & Co., Readville, Boston, Mass.
Marden, Orth & Hastings Co., 136 Liberty, New York
National Gum & Mica Co. (Liquid & Solid), 59th & 11th av, New York
Sergeant E. M. Co. (Crystal, Chips), 15 E. 26th, New York
See adv index at end of book
Starkweather & Williams Co., 47 Exchange pl, Providence, R. I.
U. S. Dye Products Co., 801 Vernon av, Long Island City, N. Y.
Worden Chemical Works (Imp), 4 Cedar, New York

4513a— Extracts (Myrobalan)

Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Imperial Color Works Inc., Glen Falls, N. Y.
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Young J. S. & Co., Hanover, Pa.

4514— Extracts (Quebracho)

Bauer Philip Co. (Imported), 25 W B'way, New York
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Klipstein A. & Co. ("Argam" & Ordinary), 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
New York Quebracho Extract Co. (Solid & Liquid), 80 Maiden Lane, New York
Sergeant E. M. Co., 15 E. 26th, New York
See adv index at end of book
Tanners Extract & Chemical Works, Inc., Mariners Harbor, Staten Island, N. Y.

4514a— Extracts (Sumac)

Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Bredt F. & Co., 240 Water, New York
See adv index at end of book
Imperial Color Works, Inc., Glen Falls, N. Y.
Kuttroff, Pickhardt & Co., Inc., 128 Duane, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
National Gum & Mica Co., 59th & 11th av, New York
Oakes Mfg. Co., Long Island City, N. Y.
Young J. S. & Co., Hanover, Pa.
Zinser & Co., Hastings-on-Hudson, N. Y.

4515— Extracts (Tanning)

Am. Extract Co., 10 S La Salle, Chicago, Ill.
Champion Fibre Co., Hamilton, O.
Chilhowie Extract Co., Newport, Tenn.
Dennis Martin Co. ("Talolin"), 359 Summer av, Newark, N. J.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Haley-Hammond Co., 129 Pearl, New York
Heald Jno. H. & Co., Lynchburg, Va.
Industrial Chemical Co., 200 5th av, New York
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Marion Extract Co., Marion, Va.
Martin Dennis Co. ("Tanolin"), 359 Summer av, Newark, N. J.
Mount Union Tanning & Extract Co., Mt. Union, Pa.
Muskegon Extract Co., Muskegon, Mich.
New York Quebracho Extract Co. (Quebracho, etc), 80 Maiden Lane, New York
Robeson Process Co. ("Spruce"), 18 E 41st, New York
Rosman Tanning Extract Co., Rosman, N. C.
Smethport Extract Co. (Chestnut, Oak & Wood & Hemlock Bark), Exchange bldg, Boston, Mass.
Southern Extract Co., Knoxville, Tenn.
Stamford Extrat Mfg. Co. (Quebracho, etc), 82 Wall, New York. Factory: Stamford, Conn.
Tanners Extract Co., Charleston, W. Va.
Tanners Extract & Chemical Works, Inc., Mariners Harbor, Staten Island, N. Y.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
Young John S. & Co. (Bark), Hanover, Pa.

4515a—Eye Glass & Spectacle Fittings, Frames & Mountings

B. B. W. Mfg. Co. (Zylenite), 251 W 19th, New York
Short W. P. (Metal & Tortoishell), 99 Chestnut, Newark, N. J.

Eye Glasses

See Lenses

Eye Shades

See Goggles & Eye Protectors

4516— Eyelet Sets

Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

4516a— Eyelets (All Metals)

Am. Ring Co., 531 Bank, Waterbury, Conn.
Dallas Brass & Copper Co. (Brass, Copper and Steel), 820H Orleans, Chicago, Ill.
Empire Elec. & Mfg. Co., Plainville, Conn.
Scovill Mfg. Co. (to order only), Waterbury, Conn. *See adv index at end of book*
Stimpson Edwin B. Co. (Round & Oval), 852 Kent av, Brooklyn, N. Y.
Waterbury Brass Goods Corpn., Waterbury, Conn.
WATERBURY BUTTON CORP., 831 S Main, Waterbury, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

4517—Eyelets (Carriage, Etc.)

Brewer-Titchener Corp., Cortland, N. Y.
Crandal-Stone Division (The Brewer-Titchener Corp.), Binghamton, N. Y.
Goshen Eyelet Co. ("Dickinson"), Goshen, Ind.
Monarch Carriage Goods Co., Cincinnati, Ohio
Neider F. A. Co., Augusta, Ky.
Rimmon Eyelet Co., Seymour, Ct.
Stimpson E. B. Co., 68 Franklin av, Brooklyn, N. Y.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

Eyelets (Knob)

See Eyelets, Carriage, etc

4518— Eyelets (Shoe, Etc.)

Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.
Caseley & Neemes (Corset), Taunton, Mass.
Halyard Mfg. Co., Providence, R. I.
Hughes Eyelet Co., Taunton, Mass.
Platt Bros. & Co., Waterbury, Conn.
Rhodes J. C. & Co. (Shoe, Tag & Corset), New Bedford, Mass.
Rimmon Eyelet Co., Seymour, Conn.
S. O. & C. Co. (Shoe, Corset, etc), Ansonia, Conn.
Sibley E. L. Mfg. Co., Bennington, Vt.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
United Shoe Machinery Co. (All Kinds, Fast Color), 205 Lincoln, Boston, Mass.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

4519— Eyers (Pineapple)

Crown Pitter Co., Cleveland, O.
Reading Saddle & Mfg. Co. (Combined with Strawberry Huller), Reading, Pa.
White Ira F. & Son Co., Bloomfield, N. J.

4519a— Eyes (Artificial)

Babbitt James P. (Glass), Taunton, Mass.
Fried Chas., 110 E 23rd, New York
Kohler Bros., 129 E 23rd, New York
Mager & Gouglemann, 104 E 12th, New York
Schoepfler G., 1423 E 95th, Bklyn, N. Y.

4520—Eyes (Brass & Bright Wire)

Jencks E. Mfg. Co. (Screw, Stair Rod, Bird Cage, Harness, Hitching, Storm Window Strop, etc), Worcester, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York
Parker Wire Goods Co., Worcester, Mass.
Waterbury Button Corp. (Brass), 831 S Main, Waterbury, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

4521— Eyes (Lacing)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4522— Eyes (Pole & Shaft)

Blakeslee Forging Co., Plantsville, Conn.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cowles C. & Co., New Haven, Conn.
Eccles Richard Co., Auburn, N. Y.
Smith H. D. Co., Plantsville, Conn.
Strieby & Foote Co., Newark, N. J.
Unson Nut Co., Cleveland, O.

Eyes (Screw)

See Screw Eyes

4522a—Fabric (Aeroplane)

Courtrai Mfg. Co., 115 Franklin, New York
McBratney Robt. & Co., 121-123 Franklin, New York

4523—Fabric (Wire Link, for Spring Beds)

Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Mattatuck Mfg. Co. ("National," "Mottoluck Columbia"), Waterbury, Conn.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

Fabricators (Steel Building)

See Steel Structural Work

Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill. *See adv index at end of book*

4523a—Fabrics (Rubberized)

See also cloth, rubber coated

DU PONT E. I. de NEMOURS & CO. INC. Sales Dept. Fabrikoid Div., Wilmington, Del. *See adv index at end of book*

4523b—Fabrics (Waterproof)

DU PONT E. I. de NEMOURS & CO. INC. Sales Dept., Fabrikoid Div. ("Pontop" for Auto Curtain, etc.), Wilmington, Del. *See adv index at end of book*

Fabrics (Automobile Top)

See Cloth, Rubber Coated; Also Leather, Artificial

4524— Facing Arms

Underwood H. B. Corp. (Portable), 1025 Hamilton, Philadelphia, Pa.

Factory Buildings (Steel)

See Steel Structural Work

4524a—Factory Enclosures (Fences and Gates)

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book

4524b— Fair Leaders

Thacher Propeller & Foundry Corp., Albany, N. Y.

4525— Fans (Acid)

Connecticut Blower Co., Inc. ("Keeney"), 133 Sheldon, Hartford, Conn.
Duriron Castings Co., Dayton, O.
Stearns-Roger Mfg. Co. ("Heinz-Skinner"), Denver, Col.

4526— Fans (Battery Motor)

Carleton Co., 170 Summer, Boston, Mass.
Kendrick-Davis Co. ("Ajax," "Standard," "Kent"), Lebanon, N. H.
Knapp Electric & Novelty Co. ("Kenco"), 511 W 51st, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.

Fans (Ceiling)

See Fans, Ceiling Belted; also Fans, Ceiling Electric; also Fans, Water Motor

4527— Fans (Ceiling, Belted)

Hunter Fan & Motor Co. ("Tuerk"), Fulton, N. Y.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Ochsner A. & Son, New Haven, Conn.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.

4528—Fans (Ceiling, Electric)

Adams-Bagnall Electric Co. ("Jandus," "Gyrofan" Alternating & Direct Current), Platt av, Cleveland, O.
Century Electric Co. ("Century," Alternating Current), 19th & Pine, St. Louis, Mo.
Dayton Fan & Motor Co. (Direct & Alternating Current), Dayton, O.
Diehl Mfg. Co. (Direct Current), Elizabeth, N. J.
Eck Dynamo & Motor Co. ("Hurricane," "Eck Hurricane"), Belleville, **N. J.**
Emerson Electric Mfg. Co. (Alternating Current), 2024 Wash av, St. Louis, Mo.
Fidelity Electric Co. (Direct Current), Lancaster, Pa.
GENERAL ELECTRIC CO. (Direct Current), Schenectady, N. Y.
See adv index at end of book
Hunter Fan & Motor Co. ("Tuerk," Adjustable Direct & Alternating Current), Fulton, N. Y.
Peerless Electric Co. ("Peerless," Direct Current), Warren, O.
Robbins & Myers Co. (Direct & Alternating), 1400 Lagonda av, Springfield, O.
Sprague Electric Works ("Lundell," Direct Current), 527 W 34th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4529— Fans (Centrifugal)

American Blower Co. ("Sirocco," "A P C"), 1400 Russell, Detroit, Mich.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Howard & Morse ("Blackman" & "Duplex Cone"), 45 Fulton, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Ottumwa Box Car Loader Co., Ottumwa, Iowa
Stine S. B., Osceola Mills, Pa.

4529a— Fans (Cinder)

National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

4529b—Fans (Collecting & Conveying)

Boston Blower Co., Hyde Park, Boston, Mass.
Connecticut Blower Co., Inc. ("Keeney"), 133 Shelden, Hartford, Conn.
Hersh Bros. Co., Allentown, Pa.

Fans (Desk & Office)

See Fans, Electric, Portable, Alternating Current; also Fans, Electric Portable, Direct Current

4529c— Fans (Dust Handling)

Buffalo Forge Co., Buffalo, N. Y.
Durion Castings Co., 90 West, New York
Ilg Electric Ventilating Co., Crawford av, near Diversey blvd, Chicago, Ill.

4530—Fans (Electric Disc, Direct Connected)

American Blower Co. ("A B C," "Cyclone," "Ventura"), 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Wks, 25 Haverhill, Boston, Mass.
Batterman Truitt Co., 736 W Monroe, Chicago, Ill.
Bayley Mfg. Co., Milwaukee, Wis.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Connecticut Blower Co., Inc. ("Keeney"), 133 Sheldon, Hartford, Conn.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
Eck Dynamo & Motor Co. ("Hurricane"), Belleville, N. J.
Emerson Elec. Mfg. Co., 2024 Wash'n av, St. Louis. Mo.
Fuller Co., Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Green Fuel Economizer Co., Beacon, N. Y.
Hersh Bros. Co., Allentown, Pa.
Howard & Morse ("Blackman" & "Duplex Cone"), 45 Fulton, New York
Ilg Elec. Ventg. Co., Crawford av, near Diversey blvd, Chicago, Ill.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Johnston Wm. T. Co., 3d & Vine, Cincinnati O.
Kimble Elec. Co., 634 N Western, Chicago, Ill.
Massachusetts Blower Co., Watertown, Mass.
Mechanical Appliance Co. ("Watson"), Milwaukee, Wis.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Peerless Electric Co. ("Peerless"), Warren, Ohio.
Perkins B F. & Son, Holyoke, Mass.
Protective Ventilator & Screen Corp., 330 E 23rd, New York
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Rochester Motors Co., Rochester, N. Y.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.
Sprague Electric Works, 527 W 34th, New York
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wing L. J. Mfg. Co. (Blowers, Electric), 352 W 13th, New York

4531—Fans (Electric Portable, Alternating Current)

Adams-Bagnall Electric Co. ("Jandus"), Platt av, Cleveland, O.
American Blower Co., 1400 Russell, Detroit, Mich.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Crocker-Wheeler Co., Ampere, N. J.
Dayton Fan & Motor Co., Dayton, Ohio
Diehl Mfg. Co., Elizabeth, N. J.
Dilg Mfg. & Trading Co., 27 E 125th, New York
Eck Dynamo & Motor Co. ("Hurricane," "Eck Hurricane"), Belleville, N. J.
Emerson Electric Mfg. Co., 2024 Wash. av, St. Louis, Mo.
Fidelity Electric Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. C. Co. ("Polar Cub"), New Haven, Conn.
Hunter Fan & Motor Co., Fulton, N. Y.
Peerless Electric Co. ("Peerless"), Warren, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Shedd Electric Co. ("Comfort"), Roselle Park, N. J.
Swiss Manfg. Co. ("Seiss"), Phillips av and N. Y. C. Ry., Toledo, Ohio.
Western Electric Co, 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4532—Fans (Electric Portable, Direct Current)

Adams-Bagnall Electric Co. ("Jandus," Direct Current), Platt av, Cleveland, Ohio
American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co., 490 Broadway, Buffalo, N. Y.
Carleton Co., 170 Summer, Boston, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Commercial Electrical Supply Co., B'way & Spruce, St. Louis, Mo.
Dayton Fan & Motor Co. (Alternating & Oscillating), Dayton, O.
Diehl Mfg. Co. ("Universal"), Elizabeth, N. J.
Dilg Mfg. & Trading Co., 27 E 125th, New York
Eck Dynamo & Motor Co. ("Hurricane," "Eck Hurricane"), Belleville, av, St. Louis, Mo.
Fidelity Elec. Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. C. Co. ("Polar Cub"), Fox, New Haven, Conn.
Emerson Electric Mfg. Co., 2024 Wash'n N. J.
Hamilton-Beach Mfg. Co. ("Hamilton-Beach"), Racine, Wis.
Hunter Fan & Motor Co., Fulton, N. Y.
Knapp Elec. & Nov. Co., 569 W 51st, New York
Kokomo Oscillating Fan Co., Kokomo, Ind.
Lindstrom-Smith Co., 3212 W Lake, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Massachusetts Blower Co., Watertown, Mass.
Menominee Electric Mfg. Co., Menominee, Mich.
Parker Machine & Fan Works, Kansas City, Kans.
Peerless Electric Co. ("Peerless"), Warren, Ohio
Racine Universal Motor Co., 53 W. Jackson blvd., Chicago, Ill.
Robbins & Myers Co. (also Alternating Current), 1400 Lagonda av, Springfield, O.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Shedd Electric Co. ("Comfort"), Roselle Park, N. J.
Sprague Electric Works ("Lundell"), 527 W 34th, New York
Star Electric Motor Co., Miller & N. J. R. R. av, Newark, N. J.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4533—Fans (Exhaust or Ventilating)

See also Blowers, Various Kinds; also Fans, Mine Ventilating; also Fans, Electric, Various Kinds

CONNECTICUT.

HARTFORD—Connecticut Blower Co., Inc. ("Keeney"), 133-139 Sheldon
WINDSOR LOCKS—Clark George P. Co.

ILLINOIS.

CHICAGO—**BAKER E. & CO.**, 608-10 S. La Salle *See adv index at end of book*
Batterman Fruit Co. (and Blower Electric), 736 W. Monroe
Cyclone Blow Pipe Co., 2552 W 21st
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av
Garden City Fan Co. (Electric), 332 S Michigan
Globe Elec. Co., 6340 Stony Island av
Ilg Electric Ventilating Co. (Self-Cooled Motor), Crawford av, near Diversey blvd
Invincible Blow Pipe Co., 2527 Homer
New York Blower Co., Archer av & Canal. Works: Bucyrus, O.
Raymond Bros. Impact Pulverizing Co. (Exhaust Only), 1346 North Branch
Reilly Martin B. Co. Inc., 9 S Clinton
Sturtevant B. F. Co. ("Sturtevant," "Multivane," "Monogram," "Steel Pressure," "Supervane"), 530 S Clinton
U. S. Steel Tank & Pipe Co., 2090 Canalport av

INDIANA.

INDIANAPOLIS—Nordyke & Marmon Co., Kentucky av & Morris

KANSAS.

KANSAS CITY—Parker Machine & Fan Works
WICHITA—Reschke Machine Works

LOUISIANA.

NEW ORLEANS—National Blow Pipe & Mfg. Co., 738 Dryades

MARYLAND.

BALTIMORE—Dixie Mfg. Co., Russell & B. & O. R. R.

MASSACHUSETTS.

BOSTON—Banister A. W. Co., 421 Dorchester av S
Barney Ventilating Fan Works (Compound) (A. B. Franklin, Prop.), 25, Haverhill
Berry A. Hein Fan Co., 29 W 1st, So. Boston
Boston Blower Co., Hyde Park
Carlisle & Gale Co. (Slow Speed, Low Power), 5 North
Electric Blower Co. ("Marvel"), 350 Atlantic av.
Sturtevant B. F. Co. ("Sturtevant," "Multivane," "Monogram," "Steel Pressure," "Turbovane"), 15 Damon, Hyde Park
HOLYOKE—Perkins B. F. & Son
NEWTON—Davidson Fan Co.
WATERTOWN — Massachusetts Blower Co.

MICHIGAN.

DETROIT—American Blower Co. ("A. B. C."), 1400 Russell
Fuller Co., 1565 Russell
KALAMAZOO—Clarage Fan Co., North & Porter
SAGINAW—Allington & Curtis Mfg. Co.

MISSOURI.

ST. LOUIS—Century Electric Co., 19th & Pine
Emerson Electric Mfg. Co., 2024 Wash'n av
Skinner Bros. Mfg. Co., 10th & Tyler
Western Blow Pipe & Sheet Metal Co.

NEW JERSEY.

BELLEVILLE—Eck Dynamo & Motor Co.
ELIZABETH—Diehl Mfg. Co.
EAST TRENTON—De Laval Steam Turbine Co. (Turbine Driven)
NEWARK—Backus Water Motor Co., 172 Penna av
Seymour J. M. Jr., 51 Lawrence

NEW YORK.

BEACON—Green Fuel Economizer Co.
BUFFALO—Bicalky Fan Co.
Buffalo Forge Co. ("Baby")
Hirshman W. F. Inc., 92H Main
FULTON — Hunter Fan & Motor Co. ("Tuerk," Electric & Belt)

NEW YORK CITY.

NEW YORK—Gerdes T. N., 105 Bank
See adv index at end of book

GERDES
SYSTEM
VENTILATION
SYSTEMS
and
ELECTRIC WINDOW
VENTILATORS
Unprocessed Fresh Air
105 Bank Street, New York

GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Howard & Morse ("Blackman" & "Duplex Cone"), 45 Fulton
STURTEVANT B. F. CO. ("Sturtevant"), 52 Vanderbilt av
See adv index at end of book

FANS (EXHAUST & VENTILATING)—continued

NEW YORK—New York—continued

Typhoon Fan Co., 281 Lexington
Wing L. J. Mfg. Co. ("Scruplex"), 352 W 13th

SCHENECTADY—**GENERAL ELECTRIC CO.** (Electric)
See adv index at end of book

OHIO.

BUCYRUS—New York Blower Co. (See Chicago, Ill.)

CINCINNATI—Johnston Wm. T. Co., 3rd & Vine
Johnston Wm. T. Co., 3rd & Vine
Kirk & Blum Mfg. Co., 2850 Spring Grove av

CLEVELAND — Bartlett Bros. Co., 178 Huron
Sly W W Mfg. Co., 4700 Train av

SPRINGFIELD—Robbins & Myers Co. (For Small Rooms, etc), 1400 Lagonda av

WARREN—Peerless Electric Co. ("Peerless," Consulting)

PENNSYLVANIA.

ALLENTOWN—Hersh Bros. Co.

EAST PITTSBURGH — **WESTINGHOUSE ELECTRIC & MFG. CO.**
See adv index at end of book

LANCASTER—Champion Blower & Forge Co.

PHILADELPHIA — Philadelphia Drying Machinery Co., 3351H Stokley
Proctor & Schwartz, Inc. ("Proctor"), 7th & Tabor rd
See adv index at end of book

RHODE ISLAND.

PROVIDENCE—Astle H. J. & Co. ("Boland"), 118 Orange
New England Ventilating & Heating Co., 926 Manton av

WISCONSIN.

MILWAUKEE—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bayley Mfg. Co., 729 Greenbush
MECHANICAL APPLIANCE CO. (Motor Driven), 133 Stewart.

4533a— Fans (Forced Draft)

Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Green Fuel Economizer Co., Beacon, N. Y.

4534— Fans (Fly)

Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
National Enameling & Stamping Co. ("Keyless"), 411 5th av, New York

4534a—*Fans (Gyrating, Electric)

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

4535—Fans (Mine Ventilating)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connellsville Mfg. & Mine Supply Co. Connellsville, Pa.
Crawford & McCrimmon Co., Brazil, Ind.
Dixie Mfg. Co., Russell & B. & O. R. R., Baltimore, Md.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works (Direct Connected). Des Moines, Ia.
Elliott B. K. Co. ("Clifford Capell"), 126 6th, Pittsburgh, Pa.
Fairmont Mining Machinery Co., Fairmont, W Va.
Finch Mfg. Co., Scranton, Pa.
Fisher Mine Equipment Co., W. Newton, Pa.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Garrity Ralph E. Co., 607H Wabash bldg, Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hersh Bros. Co., Allentown, Pa.
JEFFREY MFG. CO. ("Jeffrey," Centrifugal), 961 N Fourth Columbus, O.
See adv index at end of book
Johnston Wm. T. Co., 3d & Vine, Cincinnati, O.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Marion Machine Foundry & Supply Co., Marion, Ind.
Mineral Ridge Mfg. Co. ("Stevens" Centrifugal), Mineral Ridge, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Parker Machine & Fan Works, Kansas City, Kans.
Robinson Ventilating Co., Jenkins Arcade bldg, Pittsburgh, Pa.
South Side Foundry & Machine Works ("Kanawha"), Charleston, W. Va.
Stine J. C. Co. (6 to 30 ft in diameter), Tyrone, Pa.
Stine S. B., Osceola Mills, Pa.
United Iron Works Co., Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.

4536— Fans (Propeller)

American Blower Co., 1400 Russell, Detroit, Mich.
Batterman Truitt Co. ("Autovent"), 736 W Monroe, Chicago, Ill.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., 490 Broadway, Buffalo, N. Y.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Hersh Bros. Co., Allentown, Pa.
Massachusetts Blower Co., Watertown, Mass.
New York Blower Co., Archer av & Canal, **Chicago, Ill.**
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Sturtevant B. F. Co. ("Sturtevant" Electric & Pulley), 15 Damon, Hyde Park, Boston, Mass.

4537— Fans (Radiator)

Automotive Parts Co. (Hy-Duty in Trucks, Tractors & Passenger Cars), 1509 Bates av, Indianapolis, Ind.
Holtz Fdry. & Mfg. Co., Fremont, O.
Kells W. J. Mfg. Co., 521 W 45th, New York
McCord Mfg. Co., 2587 Grand blvd, Detroit, Mich.
New Britain Sheet Metal Co., New Britain, Conn.
Oakes Co., Indianapolis, Ind.
Sparks-Withington Co., Jackson, Mich.

4538—Fans (Roof Ventilating)

American Blower Co., 1400 Russell, Detroit, Mich.
Baker E. & Co., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*
Bicalky Fan Co. ("Bicalky"), **Buffalo, N. Y.**
Hersh Bros. Co., Allentown, Pa.
Hirshman W. F. Inc., 92H Main, Buffalo, N. Y.
Parker Machine & Fan Works, Kansas City, Kans.

4538a— Fans (Rotary Lead)

SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa. *See adv index at end of book*

4539-40—Fans (Steel Plate)

American Blower Co. ("A. B. C."), 1400 Russell, Detroit, Mich.
Buffalo Forge Co. ("Niagara Canoidal"), Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Hersh Bros. Co., Allentown, Pa.
Massachusetts Blower Co., Watertown, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

Fans (Ventilating)

See Fans, Exhaust or Ventilating

Fans (Ventilating, Engine Connected)

See Blower Manufacturers

4541— Fans (Water Motor)

Backus Water Motor Co., 172 Penna av, Newark, N. J.
Hunter Fan & Motor Co., Fulton, N. Y.
Indiana Fan Co. (Desk & Column), 40 E South, Indianapolis, Ind.
Lake Breeze Motor Co. (Oil or Alcohol Driven), 560 W Monroe, Chicago, Ill.
Seymour James M. Jr., 51 Lawrence, Newark, N. J.

4542— Farina

Albers Bros. Milling Co., Portland, Ore.
Centennial Mill Co., Seattle, Wash.
Commercial Milling Co., 229H Randolph, Detroit, Mich.
Crete Mills, Crete, Neb.
Hecker-Jones-Jewell Milling Co., 43 Corlear Exchange, New York
Hess G. B. Co., Green Bay, Wis.
Lea Milling Co., Wilmington, Del.
Norfolk Cereal & Flour Mills, Norfolk, Neb.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Red Wing Milling Co., Red Wing, Minn.
Sparr Cereal Co., Marshfield, Wis.

4542a— Farm Implements

See also Agricultural Implmt. Mfrs.

MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See advt. top of this page*

4543— Fasteners (Bale Tie)

Acme Steel Goods Co. (Also Shook Tie), 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Signode System, Inc., 108 W Lake, Chicago, Ill., & 33 Union sq W, New York

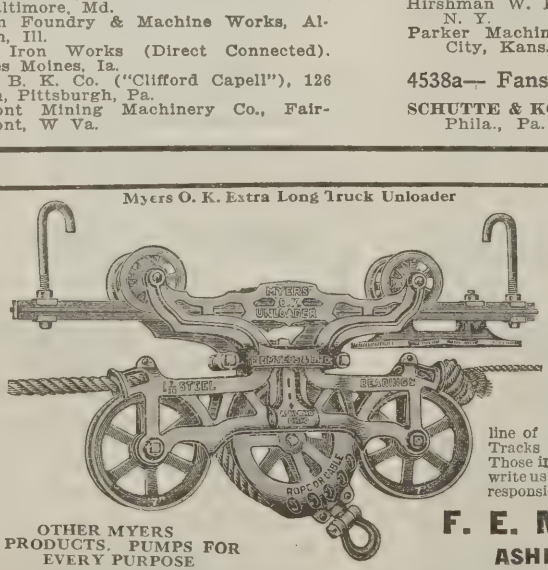
4544— Fasteners (Bedstead)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
American Mfg. Co., Chattanooga, Tenn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

4545—Fasteners (Blind & Shutter)

Auer John Jr. ("Van Sands" Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Axthelm Mfg. Co. (Flush Gravity), 242 3d av, Pittsburgh, Pa.
See adv index at end of book
Electrical Appliance Mfg. Co. (Blind), Waterbury, Conn.
Flagg Stanley G. & Co. ("Francis"), Morris bldg, Phila., Pa.
Ives H. B. Co., New Haven, Conn.
Johnston J. D., Newport, R. I.
Orr, Galen & Co., Needham, Mass.
Parker Wire Goods Co. ("Streeter"), Worcester, Mass.

Myers O. K. Extra Long Truck Unloader



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Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel, "Boston," Security," blind, & "Shedds" wire blind), New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hardware Co. ("Shepard's"), Wrightsville, Pa.

4546—Fasteners (Box & Crate)

Acme Steel Goods Co. (Box, Board & Shook), 2834 Archer av, Chicago, Ill.
CARY MFG. CO. (Box Board & Shook), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Crouse Metal Mfg. Co., Williamsport, Pa.
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Ryan M. C. Co., Phoenix, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Titchener-Diehl Co. (Corrugated), 1844-48 W. Austin av, Chicago, Ill.
See adv index at end of book
Von Kokeritz, R. G. & Co., 114 Liberty, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Wire and Steel Products Co. Inc., 421 E. 22nd, New York
See adv index at end of book

Fasteners (Button)

See Fasteners, Carriage, Auto Curtain & Top

4547— Fasteners (Car Door)

Dayton Mall. Iron Co. ("Dayton"), Dayton, O.
National Malleable Castings Co., 7706 Platt av S E, Cleveland, O.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Western Railway Equipment Co., Central Nat'l Bank bldg, St. Louis, Mo.

4548—Fasteners (Carriage & Auto Curtain & Top)

Auto Specialties Mfg. Co. ("Bair"), Joliet, Ill.
Carr Fastener Co. (Snap Lock "Lift The Dot," "Common Sense"), Boston, Mass.
Cowles C. & Co. ("Brewster," "Ideal," "Perfect," "Success," "Excelsior"), New Haven, Conn.
Crandal, Stone Division The Brewer-Titchener Corp. ("Titchener's," "Perfect," "Pioneer," "Premier"), Binghamton, N. Y.
English & Mersick Co. ("Grip"), New Haven, Conn.
Enterprise Brass & Plating Co. ("Monarch"), 6th & Baymiller, Cincinnati, O.
Elbel Co. (Curtain Holders), Dept. H, Canton, Ohio.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Jonah & George, Merrimac, Mass.
Metal Stamping Co. ("Peerless," "Perfection" & Adjustable), 13th, Long Island City, N. Y.
Murphy G. W. J. Co. ("Murphy"), Amesbury, Mass.
National Lock Washer Co. ("National"), 65 Johnson, Newark, N. J.
Neider F. A. Co. ("Peerless" Brass, Curtain), Dept. H, Augusta, Ky.
North & Judd Mfg. Co. ("Anchor Brand," "Perfection"), New Britain, Conn.
Novelty Mfg. Co., Waterbury, Conn.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Scherer H. & Co., 2803 E Jefferson, Detroit, Mich.
Scovill Mfg. Co. (Auto Snap), Waterbury, Conn. *See adv index at end of book*
Standard Top & Equipment Co. ("Swan"), 1849 E 65th, Cleveland, O.
Trojan Button Fastener Co., Troy, N. Y.
United States Fastener Co., 95 Milk, Boston, Mass.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Weiss Chas. & Son ("Separable"), 4715 Cottage Grove av, Chicago, Ill.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Woodruff Walter W. & Sons Co., Mt Carmel, Conn.

4549— Fasteners (Chain Door)

Grey Iron Castings Co., Mt. Joy, Pa.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Racine Iron & Wire Works ("Anti-Panic"), Racine, Wis.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

4550— Fasteners (Cloth)

Salisbury Mfg. Co. (For Rolls of Cloth, etc), 14 Leather av, Providence, R. I.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4551—Fasteners (Clothes Line)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Household Appliance Co., Neenah, Wis.
Noll Geo. H. ("Gem"), 27 Crescent, Brooklyn, N. Y.

4552-3—Fasteners (Clothing, Glove, Etc.)

See also Fasteners, Snap, also Hooks & Eyes, Dress

Alma Mfg. Co. (Snap), 611-61 S Monroe, Baltimore, Md.
American Fastener Co. ("Teneo" for garments), Waterbury, Conn.
Carr Fastener Co. (Snap Lock), Boston, Mass.
Cross Metal Products Corp., 2472 3rd av, New York
Federal Snap Fastener Corp. ("Harmony," "Finery," "Twinity" for Garments), 27 W 31st, New York
Glogau & Co. (Snap), Great Lakes bldg, Chicago, Ill.
Lane Mfg. Co. (Snap, for Gloves, Knit Goods, Pocket Books, Belts, Caps, etc), Waterbury, Conn.
Metal Specialty Manfg. Co., Inc., 300 Aurora, Waterbury, Conn.
See adv index at end of book
Rau Fastener Co. (Snap, for Gloves, etc), 102 Westfield, Providence, R. I.
See adv index at end of book
Scovill Mfg. Co. (Snap), Waterbury, Conn.
See adv index at end of book
Sterling Fastener Co., 432 E 71st, New York
Teneo Co., Inc. ("Teneo" Snap Fastener), 116 W 32nd, New York
See adv index at end of book
U. S. Fastener Co. (Clothing, Glove, Umbrella, Pocket Book, Shee, Cap, etc), 95 Milk, Boston, Mass.
Waldes & Co., Inc. ("Koh-I-Noor" Snap), 315 5th av, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4554—Fasteners (Concrete Form)

Concrete Steel Co., 42 Broadway, New York
Ryan M. C. Co. ("Sherwood"), Phoenix, N. Y.

4555—Fasteners (Conductor Pipe)

See also Hooks, Pipe

Berger Bros. Co., 229 Arch, Phila., Pa.
Berger Mfg. Co. (Adjustable), Canton, O.
Iwan Bros., South Bend, Ind.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Ohio Corrugating Co., Warren, O.
Republic Metalware Co., Buffalo, N. Y.

4556— Fasteners (Conduit)

Hart & Hegeman Mfg. Co. (For Holding Flexible Conduits in Wall Cases), Hartford, Conn.

4557—Fasteners (Corrugated Steel)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Knight H. W. & Son, Seneca Falls, N. Y.
Shanafelt Mfg. Co., Canton, O.
Smallwood W. R. Mfg. Co., Gowanda, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Twisted Wire & Steel Co., 437 11th av, New York
Williamsport Joint Fastener Co., Williamsport, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

4558—Fasteners (Curtain, Car, Etc.)

Carr F. S. Co., Boston, Mass.
Copp George W. & Co., Inc., 557 W 54th, New York
Cowles C. & Co., New Haven, Conn.
Jarvis Charles L. Co. (Curtain), Gildersleeve, Conn.
Neider, F. A. Co. ("Leader," "Ky." & "Peerless"), Dept. H, Augusta, Ky.
Novelty Mfg. Co., Waterbury, Conn.
Roehm & Davison, Wayne & Woodbridge, Detroit, Mich.
St. Louis Car Co. (For Car Curtains), 8000 N B'way, St. Louis, Mo.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.

4559—Fasteners (Guard Rail)

Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
Cleveland Railway Supply Co., Swetland bldg, Cleveland, O.
M. W. Supply Co., Real Estate Trust bldg, Philadelphia, Pa.
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4560—Fasteners (Hame & Collar)

American Mfg. Co. ("Boss" Hame), Chattanooga, Tenn.
Berry Chas. E. ("Berry"), Somerville, Mass.
Covert Mfg. Co. ("Holdfast"), Troy, N. Y.
Covert Saddlery Works ("Dandy," "Fairy," "C. B. B.," "L. B. L." Hame), Interlaken, N. Y.
Flagg Stanley G. & Co. (Hame), Morris bldg, Phila., Pa.
G. G. G. Metal Stamping Co. ("G. G. G." Hame), Warren, Pa.
Imperial Bit & Snap Co., Racine, Wis.
National Safety Snap Co. ("Kling"), Wilmington, O.
North O. B. & Co. ("Success"), New Haven, Conn.
North & Judd Mfg. Co. (Improved "Success" Hame, "I X L" Collar), New Britain, Conn.
Weldless Chain Co. ("Perfect"), Bridgeport, Conn.

4560a— Fasteners (Hatch)

Mullholland Hatch Fastener Co. ("Mullholland," "Simplex," "Security"), Cleveland, O.

4560b— Fasteners (Hood)

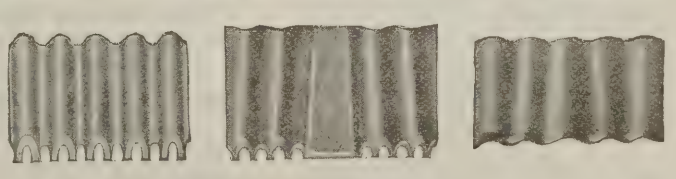
Attwood Brass Works, Grand Rapids, Mich.
Burns & Bassick Co. (Div. of Bassick Co.), Bridgeport, Conn.

CARY'S Superior Metal JOINT FASTENERS

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FASTENERS (HOOD)—continued
Eberhard Mfg. Co., Tennyson & C. P. R. R., Cleveland, Ohio
Gemco Mfg. Co., 742 S Pierce, Milwaukee, Wis.
Imperial Brass Mfg. Co., 1216 W Harrison, Chicago, Ill.
Keeler Brass Co., Grand Rapids, Mich.
Metal Stamping Co., 13th Blvd, Long Island City, N. Y.
Monarch Carriage Goods Co., 2842 Spring Grove av, Cincinnati, Ohio
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, Ohio
Wagner E. R Mfg. Co., N Milwaukee, Wis.

4561— Fasteners (Hoop)

AMERICAN STEEL & WIRE CO., Chicago, Ill. *See adv index at end of book*
Atlas Tack Co., Fair Haven, Mass.
Reading Screw Co., Norristown, Pa.
Redlich Mfg. Co. (and Rivets), 637-647 W Oak, Chicago, Ill.
Stanley Geo. W. Co., Belleville, Ill.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept H, 49th and Western av, Chicago, Ill.

Fasteners (Horse Blanket)

See Holders, Blanket

Fasteners (Horse Collar)

See Fasteners, Hame & Collar

4562— Fasteners (Ice Box)

Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

4563—Fasteners (Kiln Band & Plate)

Tecktonius E. C. Mfg. Co., Racine, Wis.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4564—Fasteners (Metal Lath)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Philadelphia, Pa.
Concrete Steel Co., 42 Broadway, New York

Fasteners (Nut & Bolt)

See Washers, Lock

4565— Fasteners (Pail & Tub)

STANLEY WORKS (Cement Coated), New Britain, Conn.
See adv index at end of book

4566— Fasteners (Paper)

American Clip Co., Beebe av, Long Island City, N. Y.
Automatic Pencil Sharpener Co., Rockford, Ill.
Buffalo Automatic Mfg. Co. ("Climax"), 165 Pearl, Buffalo, N. Y.
Bumps Paper Fastener Co., La Crosse, Wis.
Clark H. F., Jr. (Flat File), 900 F, N W, Washington, D. C.
Clipless Paper Fastener Co. ("Clipless"), Newton, Ia.
De Long Hook & Eye Co. ("Twin Grip"), 21st & Clearfield, Phila., Pa.
Dennison Mfg. Co. ("Magill Patn"), 26 Franklin, Boston, Mass.
Easy Fastener Co., Atlanta, Ga.
Grammes L. F. & Sons, Allentown, Pa.
Hotchkiss E. H. Co. (Fasteners & Tacker), Norwalk, Conn.
Ideal Specialties Mfg. Corp. ("Superior"), 552 Pearl, New York
Kelly F. Co., Derby, Conn.
Machine Appliance Corp'n (Automatic), 351 Jay, B'klyn, N. Y.
O. K. Mfg. Co. ("Washburne's O. K." Adjustable), Syracuse, N. Y.
Pressed Aluminum Co. ("Worcester" Aluminum Cap), 3H Cypress, Worcester, Mass.
Rockwell-Barnes Co. ("Rockbarnes"), 823 S Wabash av, Chicago, Ill.
Salisbury Mfg. Co. ("Salisbury"), 14 Leather av, Providence, R. I.
Stimson Edw. B. Co. ("Dale"), 852 Kent av, Brooklyn, N. Y.
Waterbury Brass Goods Corpn ("McGill" Star Brass), Waterbury, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
West Mfg. Co ("Only"), 58 N 2d, Phila., Pa

4567—Fasteners (Rug & Carpet)

Donchian Saml. Rug Co. ("Sultan"), Hartford, Conn.
Hampden Mfg. Co. ("Hampden" Fastener & Stretcher), 108 Fulton, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

Fasteners (Sash)

See Locks, Sash

Fasteners (Sash Cord)

See Irons, Sash Cord

4568—Fasteners (Screen Plate)

Hardy Wm. A. & Sons Co. ("Spring-Lock-wood"), Fitchburg, Mass.
Union Screen Plate Co. ("Witham"), Fitchburg, Mass.

4569— Fasteners (Scuttle)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

4570—Fasteners (Sheet Roofing)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Usona Mfg. Co. ("Howard's"), Aurora, Ill.

Fasteners (Shutter)

See Fasteners, Blind

4571— Fasteners (Slate)

Hamblin & Russell Mfg. Co., Worcester, Mass.

4572— Fasteners (Snap)

See also Fasteners, Clothing, Glove, etc.
Alma Mfg. Co. (Clothing, Gloves, etc), 611 S Monroe, Baltimore, Md.
American Fastener Co. ("Tenco" for Garments), Waterbury, Conn.
Bethlehem Snap Fastener Co., 1013 Myrtle av, B'klyn, N. Y.
Bird Fastener Co., 225 5th av, New York
Carr Fastener Co. (Carriage, Auto Top, etc), Ames, Cambridge, Mass.
Columbia Fastener Co. (Clothing), 3229 S Ashland av, Chicago, Ill.
Crandal, Stone Division The Brewer-Titchener Corp. (Automobile, Glove, etc), Binghamton, N. Y.
Defiance Button Machine Co., 43 W 24th, New York
Federal Snap Fastener Corp. ("Harmony," "Finery," "Twinity" for garments), 27 W 31st, New York
Hero Snap Fastener Co., 100 5th av, New York
Kelly F. Co., Derby, Conn.
Lane Mfg. Co. (All Kinds), Waterbury, Conn.
National Snap Fastener Co., 4077 Park av, New York
Nelson Tool Co., Inc. (For Ladies' Clothes), 782 E 142nd, New York
Premier Snap Fastener Co., 440 B'way, New York
Rau Fastener Co. (Gloves, etc), 102 West-field, Providence, R. I.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Specialty Products Co., 494 Mulberry, Newark, N. J.
Spring Snap Fastener Co., 16 W 39th, New York
Stimson Edwin B. Co., 852 Kent av, B'klyn, N. Y.
U. S. Fastener Co. (Gloves, Purses, etc), 95 Milk, Boston, Mass.
Waldes & Co., Inc. ("Koh-I-Nor" Clothing, etc.), 315 5th av, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
WATERBURY STEEL BALL CO. (Gloves, Boxes, Leather Goods, Purses, etc), 300 Aurora, Waterbury, Conn.
See adv index at end of book

4573—Fasteners (Stair Carpet)

Pressed Steel Mfg. Co. ("Gem"), Land Title bldg, Phila., Pa.

Fasteners (Storm Window)

See Hangers, Storm Sash & Screen

4573a—Fasteners (Table Top)

Stanley Works, New Britain, Conn.
See adv index at end of book

4574— Fasteners (Tub)

Bliss Bros. 170 Commercial, Boston, Mass.

4575—Fasteners (Whip Socket)

Searls Mfg. Co. ("Caffrey," "Chamberlin," "Essex," "Security," "Leader," etc), 29 Mulberry, Newark, N. J.

4576—Fasteners (Window Casement)

Corbin Cabinet Lock Co. ("Empire" Safety), New Britain, Conn.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Edwards O. M. Co., Syracuse, N. Y.
Griffin Mfg. Co., Erie, Pa.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS (Window & Screen, "Moore's" Window), New Britain, Conn.
See adv index at end of book
Woodruff Walter W. & Sons Co. ("Dolbers," Window & Shutter), Mount Carmel, Conn.

4577— Faucets

See also Cocks; also Cocks & Bibbs of Various Kinds
Allen Chas. L. ("Eclipse," "Eagle" & "Butternut" Key), Pequabuck, Conn.
Asbell S. J. Co. (Brass), Paterson, N. J.
Bashlin Co. (Compression & Self-Closing), Warren, Pa.
Bay State Brass Co., Haydenville, Mass.
Bishop & Babcock Co. (Bar & Soda), 1204 E 55th, Cleveland, O.
Brown Joseph (White Metal), New Orleans, La.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Chicago Faucet Co. (Brass "Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
Chicago Faucet Co. (Brass "Chi-Fau-Co" & ("Quaturn"), 2712 N Crawford av, Chicago, Ill.
Clark Cadle Harmon Corp. (Brass), Roch-ester, N. Y.
Craig David ("Craig" Automatic Swing Basin), 70 Broad, Boston, Mass.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Fountain Faucet Co., 21-23 S 61st av, W Duluth, Minn.
Grand Rapids Brass Co. (Brass), Grand Rapids, Mich.
See adv index at end of book
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co. (Compression, Fuller Pat-tern, Lever Handle & Self-Closing, "Quick-Ope"), Haydenville, Mass.
Knight Maurice A. (Acid Proof Stoneware), Akron, Ohio
Kraft A. C. (Oil, Gasoline, Molasses & Tank), 323 W Lake, Chicago, Ill.
Landers, Frary & Clark (Milk Can, Cream Separator, Petroleum Oil, etc), New Britain, Conn.
Los Angeles Engineering & Mfg. Co. (Water Cooler), 1212H E 6th, Los Angeles, Cal.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc. (Brass, Liquor, etc), 1st av & Ross, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (Water Cooler, Oil Can, Milk Can & Coffee Urn), 100 S Campbell av, Detroit, Mich.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
National Brass Mfg. Co. (Oil & Gasoline Can, Cream Can Separator, Water Cooler, etc), Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.
Puro Sanitary Drinking Fountain Co. ("Puro," Combination Faucet & Drinking Fountains), Haydenville, Mass.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill. *See adv index at end of book*
Robinson Plumbing Supply Co. (Jobbers), St. Paul, Minn.
Rundle Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.
Sommer John Faucet Co. (Metal, "Peerless" Tin Key, "I. X. L." Cork Lined, "Chicago" Cork Lined, "Boss" Metal Key, "Victor" Metal Key & "Duplex" Metal Key), 355 Central av, Newark, N. J.
Standard Brass & Iron Works ("Standard," Bar Drop Handle, etc), 1820 St. Paul av, Milwaukee, Wis.

4578-9—Faucets (Beer & Liquor)

Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.
George Bros. & Co., Winchester, Ky.
Golden Gate Mfg. Co., 9 Desbrosses, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Russ Co., 5700 Walworth av, Cleveland, O.
Sommer John Faucet Co. ("Washington" Cider), 355 Central av, Newark, N. Y.

Faucets (Bubbling)

See Fountains, Drinking, Sanitary

4580—Faucets (Catsup Bottling, Etc.)

Haydenville Co., Haydenville, Mass.
Langsenkamp F. H., Indianapolis, Ind.

Faucets (Cream Separator)

See Cocks, Cream Separator

4581— Faucets (Lock Lever)

McDonald A. Y. Mfg. Co., Dubuque, Ia.
National Brass Mfg. Co. ("National"), Rochester, N. Y.
Sommer John Faucet Co. ("Diamond"), 355 Central av, Newark, N. J.
matic), Forest Hills, Boston 30, Mass.

Faucets (Milk Can)

See Cocks, Milk Can

Faucets (Molasses)

See Gates, Molasses

4582— Faucets (Oil Can)

Batavia Brass & Iron Novelty Works, Batavia, N. Y.
Haydenville Co., Haydenville, Mass.
Homer Brass Works, 231 Race, Phila., Pa.
Kraft A. C., 323 W Lake, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Marsh Mfg. Co., 56 Pine, New York
National Brass Mfg. Co., Rochester, N. Y.
Taylor & Boggis Foundry Co., Cleveland, Ohio

4583— Faucets (Self-Closing)

Bashlin Co., Warren, Pa.
Chicago Faucet Co. ("Chi-Fau-Co" and "Quaturn," 2712 N Crawford av, Chicago, Ill.
Lyon John W., 46 Clifford, Providence, R. I.
Puro Sanitary Drinking Fountain Co. ("Puro"), Haydenville, Mass.
Vulcan Brass Mfg. Co. ("Paragon"), 24 Noble Court, Cleveland, O.
Watrous Co. ("Watrous"), 524 S Racine, Chicago, Ill.

4584—Faucets (Self-Measuring)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.

Faucets (Stoneware)

See Stoneware, Chemical

4585—Faucets (Tank Wagon)

Kraft A. C., 323 W Lake, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
National Brass Mfg. Co., Rochester, N. Y.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, O.

4586—Faucets (Tea & Coffee Urn)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
National Brass Mfg. Co., Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.

4587— Faucets (Wood)

Allen Chas. I., Terryville, Conn.
Automatic Faucet & Spigot Co. ("Automatic" & "Saginaw," Cork Lined), Saginaw, Mich.
Chapman-Sargent Co. (Cork Lined), Piqua, O.
Crandall Bros. ("Palmer's" Leather Lined Tin Key, Also Plain Wooden Key), N. Kingsville, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hydraulic Press Mfg. Co. (Cork-Lined), Mt. Gilead, O.
Redlich Mfg. Co. (Wood, Cork Lined, Cedar, Lock-Key, Metal Plug, etc), 637 to 647 W Oak, Chicago, Ill.
Richardi & Bechtold (Cork Lined), Bellaire, Mich.
Rochester Laboratory Supply Co. (Laboratory Apparatus & Chemicals), Rochester, N. Y.
Sommer John Faucet Co. ("Star," Over 100 Different Kinds, Plain, Corked & Leather Lined, etc.), 30 Morris, Newark, N. J.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Windham Handle Co., South Windham, Conn

4588—Faucets & Bungs (For Steel Barrels, Etc.)

Chambers, Bering & Quinlan, Decatur, Ill.

4589—Fault Finders (Electric)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
Matthews, W. N. & Bro. Inc. ("Matthews," "Telefault"), 2922 Easton av, St. Louis, Mo.
Lundin Electric & Machine Co. ("Lun-Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York

4590— Feed (Corn)

Acme Milling Co., Corry, Pa.
Baringer M. F., Bourse, Phila., Pa.
Bay State Milling Co., Winona, Minn.
Boutwell Milling & Grain Co., Troy, N. Y.
Brocker Chas. & Co., Dept. H, Owensboro, Ky.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Crescent Milling Co. (Meal), Cynthiana, Ky.
Eagle Roller Mill Co., New Ulm, Minn.
King Milling Co., Lowell, Mich.
Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Lea Milling Co., Wilmington, Del.
Messenger H. B., Federalsburg, Md.
Middletown Milling Co., Middletown, Va.
Staley A. E. Mfg. Co. (Gluben Gluten), Dept. H, Decatur, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4591-2— Feed (Dairy)

Baringer M. F., Bourse, Phila., Pa.
Chapin Co., Hammond, Ind.
Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.
Corno Mills Co., International Life bldg, St. Louis, Mo.
Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.
International Sugar Feed Co., 15th av, S E. and Rollins Minneapolis, Minn.
Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Larrowe Milling Co., Cohocton, N. Y.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4593— Feed (Horse & Mule)

Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.
Corno Mills Co., International Life bldg, St. Louis, Mo.
Eureka Mills Co., 711 S Theresa av, St. Louis, Mo.
Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.
International Sugar Feed Co., 15th av, S E. & Rollins, Minneapolis, Minn.
Krause Chas. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Ottaway Alfalfa Milling Co., Wichita, Kan.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4594— Feed (Mill)

See also Flour Mills; also Meal

Ansted & Burk Co., Springfield, O.
Arapahoe Flour Mills, Arapahoe, Neb.
Baldwin Dwight M., Jr., 2219 Phillisburg av, Minneapolis, Minn.
Baringer M. F., Bourse, Phila., Pa.
Bay State Milling Co., Winona, Minn.
Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.
Blaisdell Milling Co., 204 Met. Nat'l Bank bldg., Minneapolis, Minn.
Canton Feed & Milling Co., Canton, O.
Cataract City Milling Co., Niagara Falls, N. Y.
Cayuga Milling Co., Cayuga, Ind.
Centennial Mill Co., Avoca, Iowa
Champion Feed Milling Co., Clinton, Ia.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Detroit Milling Co., 1908 Division, Detroit, Mich.
Eagle Mills, Pocomoke City, Md.
Eagle Roller Mill Co., New Ulm, Minn.
Evrbest Milling Corp., Corry, Pa.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fuhrer-Ford Milling Co., Mount Vernon, Ind.
Goldendale Milling Co., Goldendale, Wash.
Grimes Bros., Lexington, N. C.
Harvey Milling Co., Harvey, N. D.
Heath F. L., Corry, Pa.
Heisel C. (Est. of), Plattsmouth, Neb.
Henderson Roller Mills Co., Monroe, N. C.
Kelley Mill Co., Kansas City, Mo.
La Grange Mills, Red Wing, Minn.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.
Lexington Mill & Elevator Co., Lexington, Neb.
Lexington Roller Mills Co., Lexington, Ky.
Liken John C. & Co., Sebewaing, Mich.
Madison Mill & Grain Co., Madison, Wis.
Mennel Milling Co., Toledo, O.
Middletown Milling Co., Middletown, Va.
Miller & Parsons, Corry, Pa.
Morris City Mills, Morris, Minn.
National Milling Co., Toledo, Ohio
New Prague Flouring Mill Co., New Prague, Minn.
Okeene Milling Co., Okeene, Okla.
Page Thomas Milling Co. (Wheat), Topeka, Kans.
Pillsbury Flour Mills Co., 3d fl, Met. Life bldg, Minneapolis, Minn.
Rea & Read Mill & Elevator Co., Tulsa, Okla.
Red Wing Milling Co., Red Wing, Minn.
Rhinehart Grain Co., Uniopolis, O.
Scott County Milling Co., Sikeston, Mo.
Sheffield-King Milling Co., 3d floor Chamber Commerce, Minneapolis, Minn.
Sparks Milling Co., Alton, Ill.
Speits A., Loup City, Neb.
Star Milling Co., Aurora, Ind.
Star & Crescent Milling Co., 160 W Jackson blvd, Chicago, Ill.
Tennant & Hoyt Co., Lake City, Minn.
Tioga Mill & Elevator Co., Waverly, N. Y.
Tomkinson, Kenyon & Tomkinson Co., Honeoye Falls, N. Y.
Tri State Milling Co., Belle Fourche, S. D.
Vantassel R. H., Corry, Pa.
Voigt Milling Co., Grand Rapids, Mich.
Walnut Milling Co., Walnut, Iowa
Washburn-Crosby Co., Chamber Commerce, Minneapolis, Minn.
Wellington Milling Co., Anderson, Ind.
Wheatland Roller Mills Co., Wheatland, Wyo.
Willmar Milling Co., Willmar, Minn.

4595— Feed (Mixed)

Akin-Erskine Milling Co., Evansville, Ind.
Croley, Geo. H., 8th and Townsend, San Francisco, Cal.
Marco Mills (Mixed Cereals), Pine Bluff, Ark.
Oswego Milling Co., Oswego, Kansas
Peters & Bradley Mill Co., Knoxville, Tenn.
South Georgia Milling Co. (Velvet Bean), Valdosta, Ga.
Waggoner-Gates Milling Co., Independence, Mo.

4596— Feed (Poultry)

Corno Mills Co., International Life bldg, St. Louis, Mo.
H-O Co., Buffalo, N. Y.
Howard C. T., Mulino, Oregon
O'Bannon Co. (Wholesale), Wagoner, Okla.
Ottaway Alfalfa Milling Co., Wichita, Kan.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4597—Feeders (Aluminum Railway)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Seligman Arthur (Imp.), 165 Broadway, New York

4598— *Feeders (Bagasse)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

4599— Feeders (Boiler)

American Injector Co. ("U. S." Automatic Injector), Detroit, Mich.
Bryant Heater & Mfg. Co. (Automatic for Low Pressure Heating Boilers), 952 E 72nd, Cleveland, O.
Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Ferrochem. Co., Ltd., Non-Chemical water treatment), 30 Church, New York
Foskett & Bishop Co., New Haven, Conn.
Gillis & Geoghegan, 537 W Broadway, New York
Hills McCanna Co., 2025 Eston av, Chicago, Ill.
Hull Mfg. Co. (Water), 208 Dime Bank bldg, Scranton, Pa.
Kelley & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller ("Duplex"), 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Lawlor Regulator Co. ("Lawler's" Automatic for Low Pressure), 55 W Houston, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverley, Cincinnati, O.
See adv index at end of book
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Nason Mfg. Co. (Immersed Valve), 71 Fulton, New York
Randle Machinery Co. ("Leader"), C. H. & D. Ry & Powers Cum'ville, Cincinnati, Ohio
Rutzler Enoch Co. (Low Pressure, Automatic), 404 E 49th, New York
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book
Simmons John Co., 110 Centre, New York
See adv index at end of book
Warren Steam Pump Co., Warren, Mass.
Watson N. A. ("Excelsior"), Erie, Pa.
Wright Geo. W., Lapel, Ind.

4600— Feeders (Boiler Oil)

Braun Corp. ("K. K." for Flotation Machy.), 363 New High, Los Angeles, Cal.
Lake Erie Mfg. Co. ("Perfection" Boiler Compound), Buffalo, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Taber Pump Co. (Automatic Boiler Compound), Buffalo, N. Y.
Talmage Mfg. Co., 1279 W 3rd, Cleveland, Ohio
Watt's John M. Sons ("Wickersham American"), 54 N 2d, Phila., Pa.

4601— Feeders (Bottle)

Bishop & Babcock Co. ("Eureka" Automatic), 1204 E 55th, Cleveland, O.

4602— Feeders (Clay)

Anderson Foundry & Machine Works, Anderson, Ind.
Hadfield-Penfield Steel Co. (The) (Agitating), Bucyrus, O.
See adv index at end of book
Marion Machine, Foundry & Supply Co. (Rust), Marion, Ind.

Feeders (Coal Dust)
See Burners, Coal Dust

4603-4—Feeders (Cotton Gin)
Brown Cotton Gin Co., New London, Conn.
Carver Cotton Gin Co., E. Bridgewater, Mass.
Continental Gin Co., Birmingham, Ala.
Murray Co., Dallas, Texas

Feeders (Fuel)
See Feeders, Furnace

4605— Feeders (Furnace)
Allington & Curtis Mfg. Co., Saginaw, Mich.
Banister A. W. Co. (Automatic), 421 Dorchester av, S. Boston, Mass.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Carlisle & Gale Co., 5 North, Boston, Mass.
Cyclone Blow Pipe Co. (Automatic), 2552 W 21st, Chicago, Ill.
See adv index at end of book
Day Co., 1004 Lyndale, Minneapolis, Minn.
Dixie Mfg. Co. (Automatic), Russell & B. & O. R. R., Baltimore, Md.
Empire Blower & Pipe Co. (Automatic), Rochester, N. Y.
Garland M. Co., Bay City, Mich.
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, O.
Phoenix Mfg. Co. (Automatic, Sawdust), Eau Claire, Wis.
Porbeck Dust Arrester & Blow Pipe Co., 2017 N Broadway, St. Louis, Mo.
Sterling Blower Co. ("Sterling" Automatic), Hartford, Conn.
Venderbush Co. (Automatic), Detroit, Mich.
Western Blow Pipe & Sheet Metal Co. (Automatic), St. Louis, Mo.

4606— Feeders (Hog)
California Corrugated Culvert Co., W Berkeley & Los Angeles, Cal.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Franklin Galvanized Ware Mfg. Co. ("Thornburgs" Sanitary), Franklin, Ind.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Martin Steel Products Co., Mansfield, Ohio
Perfection Metal Products Co., Topeka, Kan.
Shaw, Welsh & Co., Galesburg, Ill.

4606a— Feeders (Metal)
Lee, Geo. E. Co., Dept. H, Caxton bldg, Cleveland, Ohio

4607— Feeders (Ore)
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis
Denver Engineering Works Co., Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Frenier & Son, Rutland, Vt.
Hammond Mfg. Co., Kamm bldg, Portland, Oregon
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
James Ore Concentrator Co. (Automatic), 35 Runyon, Newark, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Improved," "Challenge," Roll Shaking & Disc), 120 Broadway, New York. *See adv index at end of book*
McFarlane Mfg. Co., Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Worthington Pump & Machy. Corp. 115 B'way, New York
See adv index at end of book

4607a— Feeders (Poultry)
Ky. Stamping Co. ("Kentucko"), Dept. H, Louisville, Ky.
Quaker Oats Co., 80H E Jackson blvd, Chicago, Ill.

4608—Feeders (Sugar Cane Carrier)
Boland Machine & Mfg. Co. ("Boland"), 1006 Tchoupitoulas, New Orleans, La.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Nadler Henry ("Walsh"), Plaquemine, La.

4609-10—*Feeders (Tube Mill)
ABBE ENGINEERING CO. ("Ideal" Spiral Feeder), 50G Church, New York
See adv index at end of book

4611— Feeds (Roll & Dial)
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Littell F. J. Machine Co. (For Punch Presses), 4125-7 Ravenswood av, Chicago, Ill. *See adv index at end of book*

4612—Feeds (Steam Car Saw Mill)
Allis-Chalmers Mfg. Co. (Direct Acting & Twin Engine), Milwaukee, Wis.

4613— Feldspar
Binswanger H. P., 7 W 16th, New York
Carolina Feldspar Co., Asheville, N. C.
Carolina Mineral Co., Penland, N. C.
Crystal Chas. B. (Jobbers), 13 Cliff, New York. *See adv index at end of book*
Clinchfield Products Corporation, 120 B'way, New York
Eureka Flint & Spar Co., Trenton, N. J.
Golding Sons Company, Trenton, N. J.
Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Howe Louis W., S. Glastonbury, Conn.
Kinkel's P. H. Sons, Bedford, N. Y.
National Sales Co., 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Penna. Feldspar Co., Harrison bldg, Phila., Pa.
Product Sales Co., 32 S Calvert, Claremont, Baltimore, Md.
Robbins A. A. Co. (Miners), 99 John, New York
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Trenton Flint & Spar Co. (Miners), Trenton, N. J.
Vitro Manfg. Co. (Canadian & Domestic), H. Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Felloes (Carriage & Wagon)
See Rims & Felloes, Carriage & Wagon

4613a—Felt Goods (Mechanical)
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
BRAWLEY T. R. (Of Every Description), 275 20th, Brooklyn, N. Y.
See adv index at end of book

4614— Felt Mills
See also Felts, Hair
Albany Felt Co., Albany, N. Y.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. (Wool), Winchester, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Eastern Felt Co. (Sheets, Wheels, etc), Canal, Winchester, Mass.
Eliot Mills, Inc., 184 Summer, Boston, Mass.
Felters Co., 103 Bedford, Boston, Mass.
Field & White Co. (Paper), 116 Nassau, New York
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Garrett C. S. & Son Co., 22 S Marshall, Philadelphia, Pa.
House Chas. W. & Sons, Unionville, Conn.
National Felt Co., Easthampton, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Philadelphia Felt Co., La & Frankford cr, Phila., Pa.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Seabright Woven Felt Co. (Woven & Mechanical), Camden, Me.
Slater Robert, Pompton Lakes, N. J.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills (Padding), 315 4th av, New York
Tingue, Brown & Co., 118 E 25th, New York
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waupaca Felting Mill, Waupaca, Wis.

4615— Felting (Shipbuilders)
Balfour, Guthrie & Co., 350 California, San Francisco, Cal.
Charlestoh Dry Dock & Machine Co., Charleston, S. C.
WILLIAMS & WELLS CO., 253 Fulton, New York *See adv index at end of book*

4616— Felts (Asphalt)
Asphalt Roof Coating Co., Ltd. ("Hudson" Brand), 10 E 43rd, New York
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Certain-teed Products Corp., St. Louis, Mo.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
Oertel Roofing Mfg. Co. (Saturated), E. St. Louis, Mo.
Standard Paint Co. ("Ru-ber-oid Saturated," "Ru-ber-oid Waterproofing"), 232 B'way, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Watson H. F. Co. (30, 40 & 50 lbs), Erie, Pa.

4616a— *Felts (Automobile)
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Lyons Felt Co., 338 Myrtle av, Brooklyn, N. Y.

4617— Felts (Cotton)
Acme Woolen Mill Co., 1294 W 70th, Cleveland, O.
BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Burton-Dixie Corp., 2024 S Racine av, Chicago, Ill.
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Eliot Mills, Inc., 184 Summer, Boston, Mass.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Hudson Fibre Co. (For Mattresses, etc), Hudson, N. Y.
Lee W. M., Athol, Mass.
Royall & Borden, Goldsboro, N. C.
Schwing R. I. Co., Inc., Plaquemine, La.
Smith O. & Sons Co., 310 Spruce, Phila., Pa.
Snell Chas. W. Co., 321 S Jefferson, Chicago, Ill.
Stearns & Foster Co., Lockland, O.
Stroock Felt Mills, 315 4th av, New York
Vincent F. J., Little Falls, N. Y.

4618— Felts (Deadening)
Am. Tar Products Co., 208 S. La Salle, Chicago, Ill.
Barrett Co., 17 Battery pl, New York
Bird & Son ("Neponset," "Florian"), East Walpole, Mass.
BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp., Boatman's Bank bldg., St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Ford Roofing Products Co., 1134 W. 3rd, St. Louis, Mo.
Garrett C. S. & Son Co. ("C. S. G."), 20 S Marshall, Phila., Pa.
Hydrex Felt & Engineering Co. ("Hydrex-Saniflor"), 120 Liberty, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Johns-Manville Inc. (Also Laundry), Madison av & 41st, New York
Kingston Paper Co., Inc., Little Falls, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
Mac-Sim-Bar Paper Co. (Building), Otsego, Mich.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Munroe Falls Paper Co., Massillon, O.
Newton Paper Co., Holyoke, Mass.
Northern Insulating Co. ("Flaxlinum" "Flaxlinum Keyboards." A fibre for buildings), St. Paul, Minn.
Orleans Steel Products Co., Inc., 1031 Bienville, New Orleans, La.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Union Fibre Co. Inc. ("Lith," "Linofelt" & Quilted Flax Fibre & Mineral Wool Sound Deadner), Winona, Minn.
United Roofing & Mfg. Co. ("Century"), Morris bldg, Phila., Pa.
Watson H. F. Co. ("Superior" & "Comfort" Brand of Wool), Erie, Pa.

4618a— *Felts (Elastic)
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Lyons Felt Co., 338 Myrtle av, Brooklyn, N. Y.

4618b— *Felts (Eraser)
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

4618c— *Felts (Filter)
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

4619—Felts For Electrical Purposes
See also Felt Mills; also Felt, Hair
Advance Felt & Cutting Co., 330 S Jefferson, Chicago, Ill.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

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COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64-66 E 11th, New York
Eastern Felt Co., Canal, Winchester, Mass.
Federal Felting Co., Westerly, R. I.
Felters Co., 103 Bedford, Boston, Mass.
Goepel C. F. & Co., 137 E 13th, New York
House Chas. W. & Sons, Unionville, Conn.
Johns-Manville H. W. Co., Madison av & 41st, New York
Kenworthy Bros., Stoughton, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Standard Felt Co., 404 S Wells, Chicago, Ill.
Star Felt Cutting Co., 260-69 B'klyn, N. Y.
Stroock Felt Mills, 315 4th av, New York
Watson H. F. Co., Erie, Pa.
Western Felt Works, 4115 Ogden av, Chicago, Ill.
Wild Jos. & Co., 366 5th av, New York

4619a—*Felts (Furniture)

BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

4620— Felt (Hair)

American Hair Felt Co., 41st & Madison av, New York
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Illinois Leather Co., 930 N Halsted, Chicago, Ill.
Johns-Manville Inc. (For Refrigeration Hot & Cold Water Pipes), Madison av & 41st, New York
Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Newark Hair Felt Co., Lansdale, Pa.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Watson H. F. Co., Erie, Pa.
WILLIAMS & WELLS CO., 253 Fulton, New York *See adv index at end of book*

4621— Felts (Hat)

American Felt Co., 100 Summer, Boston, Mass.
Brawley T. R. (Felt Pads), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64 E 11th, New York
Stroock Felt Mills, 315 4th av, New York

Felts (Insulating)

See Felts for Electrical Purposes

4622— Felts (Journal Box)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

4623— Felts (Jute)

Eliot Mills, Inc., 184 Summer, Boston, Mass.
Vincent Frank J., Little Falls, N. Y.

4623a—Felts (Lamp Base)

BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

4623b—Felts (Laundry)

BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

4623c—Felts (Mat)

Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

4624— Felts (Mechanical)

AMERICAN WASHER WKS., 426-428 Smith, Brooklyn, N. Y.
See adv index at end of book
Bacon Felt Co. ("Bacon," Buffing, Packing, Filtering, etc.), Winchester, Mass.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Boston Felt Mfg. Co., 110 Beach, Boston, Mass.
BRAWLEY, T. R. (Of Every Description), 275 20th, Brooklyn, N. Y.
See adv index at end of book
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64 & 66 E 11th, New York
Eastern Felt Co., Canal, Winchester, Mass.
Goepel C. F. & Co., 137 E 13th, New York
House Chas. W. & Sons, Unionville, Conn.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Western Felt Wks. (Cut to Any Size), 4115 Ogden av, Chicago, Ill.

Felts (Papermakers')

See Felts & Jackets, Paper Makers'

4625— Felts (Pennant)

American Felt Co., 100 Summer, Boston, Mass.
Stroock Felt Mills, 315 4th av, New York

4626— Felts (Piano & Organ)

Advance Felt & Cutting Co, 380 S Jefferson, Chicago, Ill.
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Crane Felt Mfg. Co., Belvidere, N. J.
Felters Co., 103 Bedford, Boston, Mass.
Lyons Felt Co. (Piano), 338 Myrtle av, Brooklyn, N. Y.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, 315 4th av, New York

4627— Felts (Polishing)

Gordon A. Hubley

Polishing Felts for Lens Manufacturers

134 Exchange Street, Worcester, Mass.

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
BRAWLEY T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64 E 11th, New York
Crane Felt Mfg. Co., Belvidere, N. J.
Eastern Felt Co. (Sheets), Canal, Winchester, Mass.
Goepel C. F. & Co., 137 E 13th, New York
House Chas. W. & Sons, Unionville, Conn.
Hubley Gordon A., 134 Exchange, Worcester, Mass.
See adv index at end of book
Lyons Felt Co., 338 Myrtle av, Brooklyn, N. Y.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Tingue, Brown & Co., 113 E 25th, New York

4627a—Felts (Ring Dust)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
BRAWLEY T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

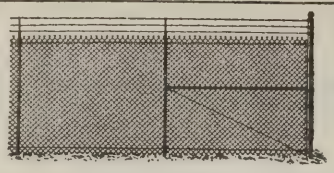
4628— Felts (Roofing)

See also Papers, Roofing & Sheathing

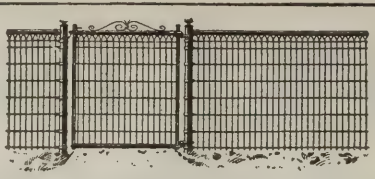
All Roofing Mfg. Co., East St. Louis, Ill.
American Tar Products Co., 208 S La Salle, Chicago, Ill.
Barber Asphalt Paving Co. ("Genasco" Asphalt Saturated), Land Title bldg, Phila., Pa.
Barrett Co. (Also Tarred & Saturated Wool, Felts, etc.), 17 Battery pl, New York
Burke Augustus Roofing Co., 2621 N Halsted, Chicago, Ill.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp., Boatman's Bk Bldg, St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Field & White Co. (Paper), 116 Nassau, New York
Flintkote Co. ("Rex Flintkote," "Zarex," "Rex Red," "Paradux," "Mikado," "Rex Slate Surfaced," "Rex Strip," "Shingle," "Rex Wide Space" Shingle," "Rex Diamond Paint Strip," "Rex Reversible Paint," "Steadfast," "Guardian"), 88 Pearl, Boston, Mass.
Ford Roofing Products Co. ("Pyramid," Tarred), 2339 La Salle, Chicago, Ill.
Garrett C S. & Son Co., 22 S Marshall, Phila., Pa.
HEWITT C. B. & BROS., 20 Ferry, New York *See adv index at end of book*
Hydrex Felt & Engineering Co., 120 Liberty, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Johns-Manville Inc., Madison av & 41st, New York
Kingston Paper Co., Inc. (Dry Felt), Little Falls, N. Y.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Munroe Falls Paper Co., Massillon, O.
National Roofing Co., Tonawanda, N. Y.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
New England Felt Roofing Works, 101 Milk, Boston, Mass.
North Chicago Roofing Co., 851 W North av, Chicago, Ill.
Patent Vulcanite Roofing Co., 2256 W 49th, Chicago, Ill.
Powell M. W. Co., 140 S Dearborn, Chicago, Ill.
Powell & Jones, 3544 Rhodes av, Chicago, Ill.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Safepack Mills ("Safekote"), 727 Atlantic av, Boston, Mass.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
TEXAS COMPANY ("Texaco"), 17 Battery pl, New York
See adv index at end of book
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Waters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Watson H. F. Co., Erie, Pa.

4628a—Felts (Rubbing)

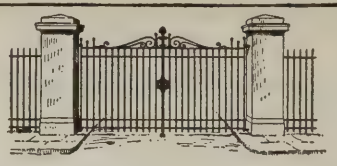
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Lyons Felt Co., 338 Myrtle av, Brooklyn, N. Y.



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4629— Felts (Saddlery)

American Felt Co., 100 Summer, Boston Mass.
Bacon Felt Co. ("Bacon"), Winchester Mass.
Brawley T. R. **(Also Harness),** 275 20th, Brooklyn *See adv index at end of book*
Commonwealth Felt Co. **(Jobbers),** 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64 E 11th, New York
Stroock Felt Mills, 315 4th av, New York

4629a— Felts (Shock Absorber)

BRAWLEY T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

4630— Felts (Shoe)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Eastern Felt Co. (Non-Cake Pads, Heel Scouring, Wheel & Buffing Rolls), Canal, Winchester, Mass.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, 315 4th av, New York

4631—Felts (Tarred Saturated)

American Tar Products Co. ("A. T. P."), 208 S La Salle, Chicago, Ill.
Barrett Co., 17 Battery pl, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp., Boatman's Bk bldg, St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Ford Roofing Products Co. ("Pyramid" Brand & Asphalt), 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Safepack Mills ("Safekote"), 727 Atlantic av, Boston, Mass.
Watson H. F. Co. (Roofing, Slating, etc), Erie, Pa.

4632— Felts (Upholstery)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
American Felt Co., 100 Summer, Boston, Mass.
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Continental Felt Co., 64 E 11th, New York
Eliot Mills Inc., 184 Summer, Boston, Mass.
Felters Co., 103 Bedford, Boston, Mass.
Schwing R. I. Co., Inc., Plaquemine, La.
Snell Chas. W Co., 321 S Jefferson, Chicago, Ill.
Stroock Felt Mills, 315 4th av, New York

4632a—Felts (Wall Paper, Printing)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Eastern Felt Co. (Block Cutters), Canal, Winchester, Mass.
House Chas. W. & Sons, Unionville, Conn.

4632b—Felts (Weatherstrip)

American Felt Co., 100 Summer, Boston, Mass.
Advance Felt Specialty & Cutting Co., 322 S Jefferson, Chicago, Ill.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Felters Co., 103 Bedford, Boston, Mass.

4633— Felts (Wool)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
Albany Felt Co., Albany, N. Y.
American Felt Co., 100 Summer, Boston, Mass.
American Tar Products Co. (Pipe Covering), 208 S La Salle, Chicago, Ill.
Appleton Woolen Mills, Appleton, Wis.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
BRAWLEY T. R. (Mechanical), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Byfield Woolen Co., Byfield, Mass.
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Crane Felt Mfg. Co., Belvidere, N. J.
Draper Bros. Co., Canton, Mass.
Eastern Felt Co., Winchester, Mass.
Federal Felting Co., Clark's Falls, Conn.
Felters Co., 103 Bedford, Boston, Mass.
Goepel C. F. & Co., 137 E 13th, New York
Heathcote S. E. & Co., Glen Rock, Pa.
House Chas. W. & Sons, Unionville, Conn.
Huyck F. C. & Sons, Albany, N. Y.
Knox Woolen Co., Camden, Me.
Lawrence Felting Co., Millville, Mass.
Little Falls Fibre Co., Little Falls, N. Y.
Lounsbury & Bissell Co., Winnipauk, Conn.
Lowell Felt Co., Lowell, Mass.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
National Felt Co., Easthampton, Mass.
Noone's J. Sons Co., Peterboro, N. H.
Orr Felt & Blanket Co., Piqua, O.
Phila Felt Co, La & Frankford cr, Phila, Pa.
Seabright Woven Felt Co. (Woven), Camden, Me.
Sindle H. S., Little Falls, N. J.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, 315 4th av, New York
Waterbury H. & Sons Co., Oriskany, N. Y.
Waupaca Felting Mill, Waupaca, Wis.
Western Felt Works, 4115 Ogden av, Chicago, Ill.
Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.

4634—Felts & Jackets (Papermakers')

Albany Felt Co. ("Albany"), 1333H B'way, Albany, N. Y.
Appleton Woolen Mills, Appleton, Wis.
Bredt F. & Co. ("Jos. Porritt & Sons"), 340 Water, New York
See adv index at end of book
Bulkley, Dunton & Co. ("Excelsior"), 75 Duane, New York
Caldwell R. J. Co., 13 Park Row, New York
Commonwealth Felt Co. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Draper Bros. Co. (Press & Pulp Felts), Canton, Mass.
Fitchburg Duck Mills (Paper Mill Dryer Felts), Fitchburg, Mass.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Huyck F. C. & Sons ("Kenwood"), Albany, N. Y.
Knox Woolen Co., Camden, Me.
Louis, Mo.
Lawrence Duck Co., Lawrence, Mass.
Mt. Vernon-Woodberry Mills Inc., Continental bldg, Baltimore, Md.
Orr Felt & Blanket Co., Piqua, O.
Phila. Felt Co., La & Frankford cr, Phila., Pa.
Shuler & Benninghofen, Hamilton, O.
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waterbury H. & Sons Co., Oriskany, N. Y.

4634a—Fence (Wire Link)

Page Steel & Wire Co., Adrian, Mich.

4634b— Fences (Chain Link)

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*

4635—Fences (Combination Wire & Picket)

Anchor Post Iron Works ("Anchor Post"), 50 Church, New York
See adv index at end of book
Bushnell Tank Works, Bushnell, Ill.
Cyclone Fence Co., Waukegan, Ill.
Fiske J. W. Iron Works, 111 Park pl, New York
Page Steel & Wire Co., Adrian, Mich.
Scranton Iron & Steel Co., Scranton, Pa.

4636— Fences (Farm)

See also Fences & Railroad Farm

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Fiske J. W. Iron Wks., 111 Park pl, New York
Igoe Brothers (Farm & Ornamental), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Page Steel & Wire Co., Adrian, Mich.
Scranton Iron & Steel Co., Scranton, Pa.

4636a—Fences (Hog & Cattle)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cyclone Fence Co., Waukegan, Ill.
Fisher & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fiske J. W. Iron Wks., 111 Park pl, New York
Scranton Iron & Steel Co., Scranton, Pa.

4637—Fences (Iron & Steel Picket)

American Fence Constr. Co. (Steel), 90 Church, New York
Anchor Post Iron Works (Welded, "Anchor Post"), 50 Church, New York
See adv index at end of book
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Bayer-Rothgeb Co. (Iron), Los Angeles, Cal.
Belmont Iron Works, 22d & Washington av, Phila., Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Carbo Steel Products Co., 2600 W 111th, Morgan Park Station, Chicago, Ill.
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, O.
Cyclone Fence Co., Waukegan, Ill.
Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.
Davis & Siehl Co. (Steel), 4032 Hamilton av, Cincinnati, O.
Enterprise Iron Works, Indianapolis, Ind.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
FISKE J. W. IRON WORKS, 111 Park pl, New York
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Mesker Bros. Iron Co., 421 S 6th, St.

MYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Page Steel & Wire Co., Adrian, Mich.
Perkins Mfg. Co. (Swinging), University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pettler Wire Products Co., "(Hartman" Wrought Steel), Beaver Falls, Pa.
Plocher Andrew Sons Co., Dayton, O.
Roanoke Iron & Bridge Wks, Inc, Roanoke, Va.
Scranton Iron & Steel Co., Scranton, Pa.
Sheer Bros. Fence & Iron Co., 715 E 103d, Cleveland, O.
SMITH F. P. WIRE & IRON WORKS ("Triangular"), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fence & Iron Co. (Steel), Waynesboro, Pa.
Snow W. A. Iron Works, Inc., 32 Portland, Boston, Mass.
STEWART IRON WORKS, THE, 237 Stewart blk, Cincinnati, Ohio
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Col.
West Side Structural Co., Troy, N. Y.
Wisconsin Iron & Wire Wks. (Ornamental), Milwaukee, Wis.

4637a— *Fences (Lawn)

Am. Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Hartman-Sanders Co., 2155 Elston av, Chicago, Ill.

Fences (Ornamental Iron)

See Gates, Ornamental Iron

4638—Fences (Railroad & Farm)

See also Fences, Woven Wire; also Wire Fences & Gates, with the word Ornamental following name
Adrian Wire Fence Co., Adrian, Mich.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works ("Anchor Post"), 50 Church, New York
See adv index at end of book
Carbo Steel Products Co., 2600 W 111th, Morgan Park Station, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 13th, Franklin, Pa.
See adv index at end of book
Chicago Pneumatic Tool Co., 1004 Mutual bldg, Richmond, Va.
See adv index at end of book
Chicago Steel Post Co., 209 N Michigan av, Chicago, Ill.
Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio
Cyclone Fence Co., Waukegan, Ill.
Fiske J. W. Iron Works, 111 Park pl, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Janesville Barb Wire Co., Janesville, Wis.
Keystone Steel & Wire Co. ("Square Deal"), Peoria, Ill.
Kitselman Bros. (Ornamental Lawn & Farm), Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
RED TOP STEEL POST CO., 215 N Michigan av, Chicago, Ill.
Scranton Iron & Steel Co., Scranton, Pa.
Shelby Wire Co., Dept. H, Shelby, O.
Smith F. P. Wire & Iron Works ("Supreme" Poultry & Rabbit, "Perfect" Garden, Lawn & Poultry), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Up-to-Date Mfg. Co., Terre Haute, Ind.
Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

4639—Fences (Wood Picket, Wire Bound)

IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Stewart Iron Works Co. Inc., Cincinnati, O.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

4640— Fences (Woven Wire)

See also Wire Fences & Gates; also Fences, Railroad & Farm
Adrian Wire Fence Co. ("Adrian"), Adrian, Mich.
AMERICAN STEEL & WIRE CO. ("American," "Anthony," "Ellwood" & "Royal," "National," "U. S." Fences), 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Wire Fence Co. ("Model"), 10 S La Salle, Chicago, Ill.
ANCHOR POST IRON WORKS, 50 Church, New York *See adv index at end of book*
Arkansas Valley Fence Co., Wichita, Kans.
Atlantic Steel Co., Atlanta, Ga.
Brazil Machine & Foundry Co., Brazil, Ind.
Champion Iron & Wire Works, Omaha, Neb.
Church Bros. ("Church"), Adrian, Mich.
Columbus Wire Fence Co. ("Columbus"), 827H Reynolds av, Columbus, Ohio
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co. ("Cyclone" Steel Spring), Waukegan, Ill.
Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.
Dwiggins Wire Fence Co. ("Victor"), Anderson, Ind.
Elliott & Reid Co. ("Royal," "Richmond," "Ideal"), Richmond, Ind.
Enterprise Iron Works, Indianapolis, Ind.
Eureka Fence Mfg. Co. ("Eureka"), Richmond, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fiske J. W. Iron Works, 111 Park pl, New York
Frost Superior Fence Co. ("Superior in Quality"), E 131st, Cleveland, O.
Gulf States Steel Co., Birmingham, Ala.
Hohulin Bros. ("Diamond"), Goodfield, Ill.
Igoe Brothers 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Imbler Fence & Mfg. Co., Alexandria, Ind.
Indiana Steel & Wire Co., Muncie, Ind.
Interlocking Fence Co. ("Crown" Interlocking), Morton, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Janesville Barb Wire Co., Janesville, Wis.
Janesville Fence & Post Co., 326 S Franklin, Janesville, Wis.
Keystone Steel & Wire Co. ("Square Deal," "Blue Ribbon," "Monarch," "Economy"), Peoria, Ill.
Kokomo Steel & Wire Co. ("Indiana," "Kokomo"), Kokomo, Ind.
Mason Fence Co. ("Champion"), Leesburg, Ohio
New Jersey Wire Cloth Co., Trenton, N. J. *See adv index at end of book*
Northwestern Barb Wire Co., Sterling, Ill.
Page Steel & Wire Co., Adrian, Mich.
Peerless Wire Fence Co. ("Peerless") Adrian, Mich.
Pennsylvania Woven Wire Co., Lockhaven, Pa.
Scranton Iron & Steel Co., Scranton, Pa.
Shelby Wire Co., Dept. T, Shelby, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Snow W. A. Iron Works (Inc.), 32 Portland, Boston, Mass.
Spring Steel Fence & Wire Co. ("Shimer" "Perfect" Coil Spring), Anderson, Ind.
Tully C. H. Fence Co., Grand Island, Neb.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Up-to-Date Mfg. Co., Terre Haute, Ind.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Sheet & Tube Co., Youngstown, Ohio

4640a— Fences (Wrought Iron)

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Fiske J. W. Iron Wks., 111 Park pl, New York
Page Steel & Wire Co., Adrian, Mich.
Scranton Iron & Steel Co., Scranton, Pa.
STEWART IRON WORKS THE, 237 Stewart blk, Cincinnati, O.
See adv index at end of book

4641— Fencing (Factory)

ANCHOR POST IRON WORKS, 167 B'way, New York
See adv index at end of book
Cyclone Fence Co., Waukegan, Ill.
Fiske J. W. Iron Works, 111 Park pl, New York
Scranton Iron & Steel Co., Scranton, Pa.
Snow W. A. Iron Works, Inc., 32 Portland, Boston, Mass.
STEWART IRON WORKS THE (Iron), 237 Stewart blk, Cincinnati, Ohio
See adv index at end of book
Wickwire Spencer Steel Corp. ("Excelsior Chain Link," "Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

4642— Fenders (Boat)

Armstrong Cork Co. (Yacht, etc.), 24th & A. V. R.R., Pittsburg, Pa.
Boston Corking Machine Co. (Cork), 18 Tremont, Boston, Mass.
Brauer Justus & Son (Cork), Jobbers, 139 Arch, Phila., Pa.
Kahnweiler's David Sons (Cork), 260 Front, New York
Pneumatic Mfg. Co. (Canvas, Cork Filled, Netted Rope, Leather, Bow, etc), 123 Pacific, Brooklyn, N. Y.
Weeks-Howe-Emerson Co. (Tarred Netted Cork), 90 Market, San Francisco, Cal.

4643—Fenders (Brass & Iron)

See also Andirons, Fenders & Grates
See also Fire Place Furnishings, Mfrs.
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
Dufur & Co., 311 N Howard, Baltimore, Md.
JACKSON EDWIN A. & BRO. INC. (For Fireplaces), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Co., 2 W 47th, New York
SMITH F. P. WIRE & IRON WORKS, 2340 Clybourn av, Chicago, Ill.
See adv index at end of book

4644— Fenders (Plow)

Southern Plow Co. ("R. R. Jones"), Columbus, Ga.

4645—Fenders & Guards (Automobile)

Auto Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto Lamp & Radiator Co., 1614 Prospect, Cleveland, O.
Cadillac Plumbing & Heating Co., Cadillac, Mich.
Chicago Mfg. Co. ("Chicago"), 1464 S Michigan av, Chicago, Ill.

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Wire Counter Railing
Wire Partition Railing
Grilles
Folding Gates, Window Guards, (Iron & Wire)
Balcony Railing
Iron Flower Vases
Settees (Iron & Wire)



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It is the ONE FENCE that miscreants cannot get through. Every picket is a bar of protection. It has proven its value to The Firestone Tire & Rubber Co., L. C. Smith Typewriter Co., Procter & Gamble Co., Bullock Electric Co., and hundreds of other industrial plants.

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FENDERS & GUARDS (AUTO'BILE)—c't
Clayton's Frank B. Sons (Guards Only), 1227H N 11th, Phila., Pa.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Corcoran Mfg. Co., Norwood, Cincinnati, O.
Dann Bros. & Co., New Haven, Conn.
Hayes Mfg. Co., 480 Maybury, Detroit, Mich.
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Kells W. J. Mfg. Co., 521 W 45th, New York
Louisiana Metal Cabinet Works, 1919 Bienville, New Orleans, La.
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Mott Wheel Works, Jackson, Mich.
Mullins Body Corp., 341 Franklin, Salem, Ohio
Parish Mfg. Co. (Truck), Reading, Pa.
Pettis W. W. Co., 416 First Nat'l Bank bldg, Cincinnati, O.
Quinby J. M. & Co., 27 Division, Newark, N. J.
Saginaw Sheet Metal Works, Saginaw, Mich.
Smith H. Lund, Paterson, N. J.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.
York Corrugating Co., York, Pa.

4645a— *Ferries (Wire Rope)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J., Works: Trenton & Roebling, N. J.
See adv index at end of book

4646— Ferro-Alloys

AMALGAMATED METALS SELLING CO., LTD., 42 Broadway, New York
American Alloys Co., American bldg, Baltimore, Md.
Brooks Clyde (Mfrs. Agent), Farmers Bank bldg, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Crocker Bros. (Imported English), 21 E 40th, New York
Doggett Stanley (Imp), 11 Cliff, New York
Electro-Metallurgical Co., 42d st bldg, New York
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Metal & Thermit Corp., 120 B'way, New York
Midvale Mining & Mfg. Co. (Pulverized), Central Nat Bank bldg, St. Louis, Mo.
Noble Electric Steel Co., Mills bldg, San Francisco, Cal.
Park & Williams Inc., Real Estate Tr. bldg, Phila., Pa.
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, O.
SAMUEL FRANK, Harrison bldg, Phila, Pa. *See adv index at end of book*
Shawinigan Products Corp., 110 William, New York *See adv index at end of book*
Shimer & Co. Inc., 133H S 4th, Phila., Pa.
Southern Ferro Alloys Co., Chattanooga, Tenn.
Southern Manganese Co., Anniston, Ala.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
U. S. Ferro-Alloys Corpn., 30 E 42d, New York
U. S. Alloys Corp., 30 E 42nd, New York
Vanadium Corp. of Am., Equitable bldg, New York

4647— Ferro-Aluminum

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

4648— Ferro-Boron

Metal & Thermit Corp., 120 B'way, New York
Vanadium Corp. of Am., Equitable bldg, New York

4648a— Ferro-Carbon Titanium

Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

4648b— Ferro-Cerium

Foote Mineral Co., 109 N 19th, Phila., Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Mackay A. D., 130 Pearl, New York
New Process Metal Co., 46-50 Center, Newark, N. J.

4649— Ferro-Chrome

Baltimore Electro Alloys Co., H, Lexington bldg, Baltimore, Md.
Doggett Stanley (Imp), 11 Cliff, New York
Electro-Metallurgical Co. (Low Carbon), 42d st bldg, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Keokuk Electro-Metals Co., Keokuk, Ia.
Lavino E. J. & Co. (Lump & Ground), Bullitt bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
National Sales & Trading Co., Cleveland, Ohio
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
United States Ferro Alloys Corp., 30 E 42d, New York
Vanadium Corp. of Am., Equitable bldg, New York
Virginia Electrolytic Co., 51 E 42nd, New York
Warren Products Co., 265 B'way, New York *See adv index at end of book*

4650— Ferro-Magnesium

Aluminum Co. of Amer. (Dealers), 2400 Oliver bldg, Pittsburgh, Pa.
American Magnesium Corp'n, Niagara Falls, N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

4651-2—Ferro-Manganese & Ferro-Silicon

American Alloys Co., American bldg, Baltimore, Md.
American Manganese Mfg. Co., Bullitt bldg, Phila., Pa.
Ashland Iron & Mining Co. (Bessemer Ferro-Silicon Only), Ashland, Ky.
Baltimore Electro Alloys Co., H, Lexington bldg, Baltimore, Md.
Beckman & Linden Engng. Corp., Balboa bldg, San Francisco, Cal.
Bond Vivian & Co. (Jobbers), 68 Beaver, New York
Carborundum Co. (Silicon Metal), Niagara Falls, N. Y.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Ferro-Manganese Only), Denver, Colo.
Crescent Phosphorized Metal Co. (Copper, Lump), 624 Penobscot, Detroit, Mich.
Crocker Bros. (Imported English), 21 E 40th, New York
Doggett Stanley (Imp), 11 Cliff, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Electro-Metallurgical Co., 42d st bldg, New York
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Hamilton Co. (English), 50 Church, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Marshall E. E. (Ferro-Manganese Only), Bullitt bldg, Phila., Pa.
Marshall F. W. & Co., Penn. bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
Midvale Mining & Mfg. Co. (Pulverized), Central Natl Bank bldg, St. Louis, Mo.
Mohr J. J. & Son, Bullitt bldg, Phila., Pa.
National Sales & Trading Co. (Jobbers), 1105 Chestnut, Cleveland, Ohio
Noble Electric Steel Co., Mills bldg, San Francisco, Cal.
Pittsburgh Metallurgical Co. (Bessemer Ferro Silicon), Niagara Falls, N. Y.
Rogers Brown & Co. (Imported & Domestic), 77-78 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shawinigan Electro Products Co., 3920 Philadelphia rd, Baltimore, Md.
Shawinigan Products Corp. (Ferro Silicon), 110 William, New York
See adv index at end of book
Southern Ferro Alloys Co., Chattanooga, Tenn.
Southern Manganese Co., Anniston, Ala.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
U. S. Alloys Corp., 32 E 42nd, New York
U. S. Ferro-Alloys Corpn., 30 E 42d, New York
Vanadium Corp. of Am., Equitable bldg, New York
Virginia Electrolytic Co. (Specialty Ferro-Silicon), 99 Cedar, New York; Furnaces: Holcomb, Va.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

4653— Ferro-Molybdenum

Chemical Products Co., Washington, D. C.
Electro-Metallurigcal Co., 42d st & Madison av, New York
Foote Mineral Co., 109 N 19th, Phila., Pa.
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Hardy Chas., Inc. (Broker), Park Row bldg, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
Mineral Products Mfg. Co., Wilmington, Del.
United Alloy Steel Corp. ("Moly" Open Hearth & Electric Furnace), Canton, O.
Vanadium Corp. of Am., Equitable bldg, New York
York Ferro Alloys Co., York, Pa.
York Metal & Alloy Co. (Mo. Metal, Acids & Salts), York, Pa.

4653a— Ferro-Nickel

Electrical Alloy Co. (Wire & Ribbon), Morristown, N. J.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Vanadium Corp. of Am., Equitable bldg, New York

4654— Ferro-Phosphorus

Foundry Manganese Co., Harrison bldg, Phila., Pa.
Gray J. J. Jr., Rockdale, Tenn.
Hickman, Williams & Co. (Ground), Louisville, Ky.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Keokuk Electro-Metals Co., Keokuk, Ia.

FERRULES



Of all descriptions and styles, stamped out of sheet steel or brass



BAY STATE STAMPING CO.

380 Chandler Street, Worcester, Mass.



Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York

4655—Ferro-Silicon (Electrolytic)

American Lava Corp., Chattanooga, Tenn.
Carborundum Co., Niagara Falls, N. Y.
Chattanooga Electro Metals Co. ("Cemo" Bessemer), 2108H Chestnut, Chattanooga, Tenn.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Keokuk Electro-Metals Co., Keokuk, Ia.
Lavino E. J. & Co., Bullitt bd, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
Midvale Mining & Mfg. Co. (Pulverized), Central Natl Bank bldg, St. Louis, Mo.
SAMUEL FRANK, Harrison bldg, Phila, Pa. *See adv index at end of book*
Shawinigan Electro Products Co., 3920 Philadelphia rd, Baltimore, Md.
Southern Ferro Alloys Co. ("Soferalco," 50-80 per cent), Chattanooga, Tenn.
U. S. Alloy Corp., 23 E 42d, New York
U. S. Ferro Alloys Corpn., 30 E 42d, New York
Virginia Electrolytic Co., 51 E 42d, New York

4656— Ferro-Titanium

Electro-Metallurgical Co., 42d st bldg, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Metal & Thermit Corp., 120 B'way, New York
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
Vanadium Corp. of Am., Equitable bldg, New York

4657— Ferro-Tungsten

Chemical Products Co., Washington, D. C.
Electro-Metallurgical Co., 42d st bldg, New York
Foote Mineral Co., 109 N 19th, Phila., Pa.
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Hardy Chas., Inc. (Broker), Park Row bldg, New York
Harrow Spring Co. (Steel), Milwaukee, Wis.
Independent Lamp & Wire Co., 1733 B'way, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
Mineral Products Mfg. Co., Wilmington, Del.
National Sales & Trading Co., Cleveland, O.
Pick Richard, 224 N 5th, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Vanadium-Alloys Steel Co. ("Vasco"), Latrobe, Pa.
Vanadium Corp. of Am., Equitable bldg, New York
Virginia Electrolytic Co., 99 Cedar, New York
York Ferro Alloys Co., York, Pa.
York Metal & Alloy Co. (Tungsten Metal, Acids & Salts), York, Pa.

4658— Ferro-Uranium

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
STANDARD ALLOYS CO., Vanadium bldg, Pittsburgh, Pa.
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.
York Metal & Alloy Co., York, Pa.

4659— Ferro-Vanadium

American Vanadium Co., Pittsburgh, Pa.
Earle E. P., 165 B'way, New York
Electro-Metallurgical Co., 42d st bldg, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Metal & Thermit Corp., 120 B'way, New York
Primos Chemical Co., Primos, Pa.
Radium Luminous Matl. Corp., 55 Liberty, New York
STANDARD ALLOYS CO., Vanadium bldg, Pittsburgh, Pa.
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.
Vanadium Corp. of Am., Equitable bldg, New York
Virginia Electrolytic Co., 51 E 42d, New York
York Ferro Alloys Co., York, Pa.
YORK METAL & ALLOY CO., York, Pa.

4660— Ferrous Sulphate

Hachmeister-Lind Chem. Co., Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, O.
Kalbfleisch Corp., 31 Union sq, New York
Selden & Enequist, 86 Hausman, Bklyn, N. Y.
Squibb E. R. & Sons, 78 Beekman, New York
Stanley Works, New Britain, Conn. *See adv index at end of book*
Stresan-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.
Wiards John C. Co., 273 Greene, Bklyn, N. Y.

4661— Ferrules (Boiler Flue)

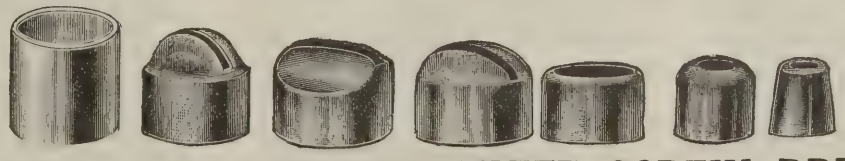
Waterbury Brass Goods Corp., Waterbury, Conn.

4662— Ferrules (Brass)

American Brass & Copper Co., 133 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Ring Co., Waterbury, Conn.
Athol Pump Co. (For Plumbing), Athol, Mass.
BAY STATE STAMPING CO., 380 Chandler, Worcester, Mass. *See adv index at end of book*
Blake Specialty Co., Rock Island, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
CAHILL M. F. ("Cahill" Seamless Chisel, Cutlery, File & Knife), 710 E 2d, Boston, Mass. *See adv index at end of book*
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Empire Elec. & Mfg. Co., Plainville, Conn.
Estes E. B. & Sons (Small), 364 5th av, New York *See adv index at end of book*
Fisher Specialty Co. (Jobbers), 326 Ogden av, Milwaukee, Wis.
Franklin Brass Foundry (Plumbers), 100 Young, Long Island City, N. Y.
Gaynor Mfg. Co., Bridgeport, Conn.
Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
Goepel C. F. & Co., 137 E 13th, New York *See adv index at end of book*
Green C. E. & Son, 95 Passaic, Newark, N. J.
Hays Mfg. Co. (Also Trap Screw), Erie, Pa.
Hill Geo. Q. Co., Framingham, Mass.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Hungerford U. T. Brass & Copper Co. (Condenser Tube Chisel Handle Plumbers', etc), 80 Lafayette, New York
McShane Bell Foundry Co. (For Plumbing), Harford av & B & O R R, Baltimore, Md.

FERRULES

BRASS STEEL COPPER TIN



CHISEL, CUTLERY, FILE, KNIFE, SCREW DRIVER

ALSO IN GROSS BOXES FOR THE HARDWARE TRADE

M. F. CAHILL, Mfrs., 710 East Second St., BOSTON, MASS.

FERRULES (BRASS)—continued
Maco Products Corp., 154 Nassau, New York
Massachusetts Machine Shop Inc., 817 Albany, Boston, Mass.
See adv index at end of book
Matthews Mfg. Co. (to Special Order), 104 Gold, Worcester, Mass.
Modern Iron Works (Trap Screw), Quincy, Ill.
Mueller H. Mfg. Co. (Plumbing), Decatur, Ill.
Novelty Mfg. Co. (Small), Waterbury, Conn.
Peck Bros. & Co., New Haven, Conn.
Prier Brass Mfg. Co., Kansas City, Mo.
Randolph-Clowes Co., Waterbury, Conn.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Schrader's A. Son Inc. (Plain or Nickel Plated Hose), Brooklyn, N. Y.
Scovill Mfg. Co. (For General Purposes,, To Order Only), Waterbury, Conn.
See adv index at end of book
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Textile Shield Co. (For Bobbins), 250 Lowell, Lawrence, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Hardware Co., Torrington, Conn.
Vanadium Corp. of Am., Equitable bldg, New York
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Button Co., Waterbury, Conn.
WATERBURY MFG. CORPORATION (& Steel), 831 S Main, Waterbury, Conn.
See adv index at end of book
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book
Williamsburg Brass Foundry (Plumbers), 517 Park av, Brooklyn, N. Y.

4663— Ferrules (Broom)

Grammes L. F. & Sons, Allentown, Pa.

4663a1—Ferrules (Cane & Umbrella)

Graham & Berwin, 107 Lafayette, New York
Novelty Mfg. Co., Waterbury, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

4663a—Ferrules (Chisel)

BAY STATE STAMPING CO., 380 Chandler, Worcester, Mass.
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Matthews Mfg. Co. (Seamless), 104 Gold, Worcester, Mass.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.

4664— Ferrules (Cleanout)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Marshall C. P. (Extension End), Rochester, N. Y.
Peck Bros. & Co. ("Garvie" Patent), New Haven, Conn.
Prier Brass Mfg. Co., Kansas City, Mo.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

4665— Ferrules (Condenser)

Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Delaware Hard Fibre Co. (Hard Fibre), Wilmington, Del.
See adv index at end of book
Eagle Brass Foundry Co., Seattle, Wash.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Fansteel Products Co., 215 N Michigan av, Chicago, Ill.
National Brass & Copper Tube Co. Inc., 639 Mission, San Francisco, Cal.
National Fibre & Insulator Co., Yorklyn, Del.
Standard Fibre Co., Miller st, Somerville, Mass.
Waterbury Brass Goods Corp., Waterbury, Conn.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book

4666—Ferrules (Condenser, Hard Fibre)

BRANDYWINE FIBRE PRODUCTS CO., E Wilmington, Del.
See adv index at end of book
Continental Fibre Co. (Bakelite-Dilecto), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del.

4667— Ferrules (Copper)

Associated Rolling Mills Ltd., 145 Lafayette, New York
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
Drens Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Empire Elec. & Mfg. Co., Plainville, Conn.
Goepel C. F. & Co., 137 E 13th, New York
Hungerford U. T. Brass & Copper Co. (Boiler Flue), 80 Lafayette, New York
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
Merchant & Evans Co. (Seamless), 2035 Washington av & 21st, Phila., Pa.
Mutual Electric & Machine Co., 232 Fort, W Detroit, Mich.
Prier Brass Mfg. Co., Kansas City, Mo.
Pullman Ventilator & Mfg. Co. (Annealed & Seamless), York, Pa.
Rome Mfg. Co., Rome, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4667a— Ferrules (Cutlery)

Bay State Stamping Co., 380 Chandler, Worcester, Mass.
See adv index at end of book
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Massachusetts Machine Shop Inc., 817 Albany, Boston, Mass.
See adv index at end of book
Merchants & Manufacturers Supply Co., Chelsea, Mass.

Ferrules (Fibre)

See Fibre, Hard; also Ferrules, Condenser; Hard Fibre

4667b— Ferrules (File)

Bay State Stamping Co., 380 Chandler, Worcester, Mass.
See adv index at end of book
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4667c— Ferrules (Handle)

Brandywine Fibre Products Co. (Vulcanized Fibre Tubing), E Wilmington, Del.
See adv index at end of book
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.
Massachusets Machine Shop, Inc., 817 Albany, Boston, Mass.
See adv index at end of book

Steel, Brass *and* Copper
FERRULES
Made on contract to specifications
Massachusetts Machine Shop, Inc.
817 Albany St., Boston, Massachusetts

Scovill Mfg. Co. (Tool), Waterbury, Conn.
See adv index at end of book
Waterbury Button Corporation (Tool), 831 S Main, Waterbury, Conn.
See adv index at end of book

4668—Ferrules (Iron & Steel)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
American Tube & Stamping Co. (Steel), Bridgeport, Conn.
Athol Pump Co. (Soil Pipe Union), Athol, Mass.
BAY STATE STAMPING CO. (Steel), 380 Chandler, Worcester, Mass.
See adv index at end of book
Blake Specialty Co. (Iron), Rock Island, Ill.
Boston Pressed Metal Co. (Special to order only), 170 Union, Worcester, Mass.
Brunswick Mfg. Co., (Plain & Nickel Plated), Brunswick, Me.
CAHILL M. F. ("Cahill" Steel, Chisel, Cutlery, File & Knife), 710 E 2d, Boston, Mass. *See adv index at end of book*
Cassady Fairbank Mfg. Co. (Nickel Plated Steel), 6126 S La Salle, Chicago, Ill.
Disston Henry & Sons Inc., Tacony, Phila., Pa.
Empire Elec. & Mfg. Co., Plainville, Conn.
Goepel C. F. & Co., 137 E 13th, New York
Greenwood Mfg. Co. (Feather Edge Drive Iron), 5140H Greenwood, Detroit, Mich.
Hill Geo. Q. Co., Framingham, Mass.
Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
Lothrop F. B. Co. (Steel), South Acton, Mass.
Massachusetts Machine Shop Inc., 817 Albany, Boston, Mass.
See adv index at end of book
Matthews Mfg. Co. (Steel), 104 Gold, Worcester, Mass.
Oakes Co. (Steel), Indianapolis, Ind.
Pratt Chuck Co. (Drawn), Frankfort, N. Y.
Sanitary Co. (Drive and Soil Pipe), Dept. H, Linfield, Pa.
Stowell Co., The (Whiffletree), So. Milwaukee, Wis.
Union Fork & Hoe Co. (Steel Only), Columbus, O.
Union Hardware Co., Torrington, Conn.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book
Wilcox, Crittenden & Co. Inc. (Galvanized Malleable Only), Middletown, Conn. *See adv index at end of book*
Woodell E. & Sons, Taunton, Mass.
Zurn J. A. Mfg. Co. (Iron), Dept. H, Erie, Pa.

4668a— *Ferrules (Knife)

BAY STATE STAMPING CO., 380 Chandler, Worcester, Mass.
See adv index at end of book
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

4669— Ferrules (Lead)

See also Lead Traps, Bends & Ferrules
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Eagle Picker Lead Co., The, 208 S La Salle, Chicago, Ill.
National Lead Co., 111 B'way, New York
Raymond Lead Works ("Raymond's" Combination), 735 S Washtenaw av, Chicago, Ill.
Standard Sanitary Mfg. Co., H Bessemer bldg, Pittsburgh, Pa.
United Lead Co., 111 B'way, New York
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

4669a—Ferrules (Screw Driver)

Bay State Stamping Co., 380 Chandler, Worcester, Mass.
See adv index at end of book
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Massachusetts Machine Shop Inc., 817 Albany, Boston, Mass.
See adv index at end of book
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4670—Ferrules (Tin & Sheet Metal)

BAY STATE STAMPING CO., 380 Chandler, Worcester, Mass.
See adv index at end of book
Boston Pressed Metal Co. (Sheet Metal, to order only), 170 Union, Worcester, Mass.
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Consolidated Fruit Jar Co. (Sheet Metal), New Brunswick, N. J.
Empire Elec. & Mfg. Co. (Sheet Metal), Plainville, Conn.
Goepel C. F. & Co., 137 E 13th, New York
Massachusetts Machine Shop Inc., 817 Albany, Boston, Mass.
See adv index at end of book
Textile Shields Co. (For Bobbins), 250 Lowell, Lawrence, Mass.
Troy Stamping Works, Troy, N. Y.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

4671— Ferrules (Trap Screw)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bignall Co., Mednia, N. Y.
Casey-Hedges Co., Chattanooga, Tenn.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Kupferle Jno. C. Fdry. Co., 1st & Wright, St. Louis, Mo.
McCambridge Co., 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Maco Products Corp., 154 Nassau, New York
Modern Iron Works (Brass), Quincy, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Newbury Mfg. Co., Monroe, N. Y.
Peck Bros & Co., New Haven, Conn.
Prier Brass Mfg. Co., Kansas City, Mo.
Rockford Brass Works, Rockford, Ill.
Sanitary Co. (Iron Body), Dept. H, Linfield, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

4672— Ferrules (Wire)

Green C. E. & Son, 95 Passaic, Newark, N. J.
Lothrop F. B. Co., South Acton, Mass.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Wire Goods Co., Worcester, Mass.

4673— Fertilizer Materials

Baker, H. J. & Bros. Imp., 81 Fulton, New York
Johnson W. S., Atlanta, Ga.
Superior Fdry. Co., Dept. H, E 71st & W. & L. E. Ry., Cleveland, O.

4674— Fertilizer Mfrs.

For firms who manufacture materials, supplies and equipment related to this trade, see classification descriptive of the article required

ALABAMA.

ALBERTVILLE—Butler Cotton Oil Co.
ALEXANDER CITY—Tallapoosa Chemical Co.
ALICEVILLE—Aliceville Oil & Mfg. Co.
ANDALUSIA—Andalusia Fertilizer Co.
ANNISTON—Anniston Fertilizer Co.
ASHLAND—Ashland Oil Mill & Fertilizer Co.
BAY MINETTE—Peoples' Fertilizer Co.
BIRMINGHAM—Birmingham Fertilizer Co.
Butler-Kyser Oil Mfg. Co.
Grasselli Chemical Co.
Jefferson Fertilizer Co.
BREWTON—Robbins & McGowin Co.
BRUNDIDGE—Brundidge Fertilizer Co.
CAMDEN—Camden Cotton Oil Co.
CAMP HILL—Graves-Smith Co.
CLIO—Arnold W. A.
CULLMAN—Cullman Fertilizer Co.
Union Fertilizer Co.
DADEVILLE—Dadeville Cotton Oil Co.
DECATUR—Decatur Fertilizer Co.
DOTHAN—Dothan Guano Co.
Grasselli Chemical Co.
Home Guano Co.
Houston Cotton & Fertilizer Co.
Houston Guano Co.
ENTERPRISE—Enterprise Fertilizer Wks
Sessions H. M. & Sons
EUFAULA—Edmonson R. Q. & Bro.
Reeves-Shorter Co.
EUTAW—Planters Warehouse & Commission Co.
FAYETTE—Sipsey Valley Oil & Fertilizer Works
FOLEY—Foley Fertilizer Co.
GADSDEN—Gadsden Fertilizer & Gin Co.
GRASSELLI—Grasselli Chemical Co.
GREENVILLE—Purity Fertilizer Co.
HALEYVILLE—Haleyville Oil & Fertilizer Co.
HEADLAND—Headland Fertilizer Works
Home Fertilizer & Cotton Oil Co.
HUNTSVILLE—Farmers' Cotton Oil & Fertilizer Co.
Huntsville Warehouse Co.
JAMES—James Fertilizer Co.
LAFAYETTE—Lafayette Cotton Oil Mills
LINEVILLE—Clay County Oil Mill & Fertilizer Co.
LUVERNE—Luverne Oil Mills
MARION—Union Storage Co.
MOBILE—McMillan & Harrison.
Virginia-Carolina Chemical Co.
MONTGOMERY—Alabama Chemical Co
American Agricultural Chemical Co.
Capital Fertilizer Co.
International Agricultural Corp.
Morris Fertilizer Co.
Mutual Warehouse Co.
Rainbow Guano Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
NORTHPORT—Warrior Fertilizer Co.
OPELIKA—Alabama Oil & Guano Co.
Opelika Oil Mill Corp.
ROANOKE—Roanoke Guano Co.
SEALE—Seale Fertilizer Co.
SELMA—Grasselli Chemical Co.
Jefferson Fertilizer Co.
Selma Oil & Ice Co.
SPRING VALLEY—Mitchell J. D.
SULLIGENT—Sulligent Cotton Oil Co.
SYLACAUGA—Sylacauga Fertilizer Co.
TALLADEGA—Planters' Chemical & Oil Co.
Talladega Fertilizer & Mfg. Co.
TROY—Farmers Co-operative Warehouse & Gin Co.
Standard Chemical & Oil Co.
Wiley Fertilizer Co.
TUSCALOOSA—Tuscaloosa Cotton Seed Oil Co.
TUSCUMBIA—Colbert County Oil & Fertilizer Co.
UNION SPRINGS—Southern Cotton Oil Co
Union Springs Guano Co.
WETUMPKA—Coosa River Fertilizer Co

ARKANSAS.

ARGENTA—Union Seed & Fertilizer Co.
CONWAY—Conway Cotton Oil & Gin Co.
ELDORADO—Eldorado Oil Mill & Fertilizer Co.
HOPE—Hope Fertilizer Co.
HOT SPRINGS—Hot Springs Sanitary Fertilizer Co.
LITTLE ROCK—Arkansas Fertilizer Co.
Southern Cotton Oil Co.
MAGNOLIA—Columbia Cotton Oil Co.
MONTICELLO—Drew Oil Mills
NEWPORT—Southern Cotton Oil Co.
TEXARKANA—Farmers Oil & Fertilizer Co.
WARREN—Warren Cotton Oil & Mfg. Co.

CALIFORNIA.

EMERYVILLE—California Feritilizer Wks
LOS ANGELES—Agricultural Chemical Works, 901 Macy
American Agricultural Chemical Co., Slauson
Armour Fertilizer Works, Central bldg
Chapman Fertilizer Co., Central bldg
Germain Seed & Plant Co., 560 S Main
Hauser Packing Co., 2300 E 9th
Los Angeles Fertilizer Co., 2643 E Edwin
Pacific Wood & Coal Co., 730 W Pico
Standard Fertilizer Co., L. A. Pub. Mkt
Standard Fertilizer Co., 321 N Los Angeles
Union Fertilizer Co., Calif. bldg
REDLANDS—Redlands Fruit Association
SACRAMENTO—Lewis Tom
SAN DIEGO—Pacific Wood & Coal Co.
SAN FRANCISCO—California Fertilizer Works, 1332 Evans av.
Hawaiian Fertilizer Co., 256 California
Mountain Copper Co., Ltd., 332 Pine
Pacific Bone, Coal & Fertilizing Co., 519 California
Pacific Manure & Fertilizer Co., 429 Davis
Pacific Guano & Fertilizer Co., 343 Sansome
Union Superphosphate Co., 343 Sansome
Western Reduction Co., 1501 Evans

CONNECTICUT.

BERLIN—Connecticut Valley Orchard Co.
BRIDGEPORT—Berkshire Fertilizer Co.
Chittenden E. D. Co.
GROTON—Shay C. M. Fertilizer Co.
HARTFORD—Olds & Whipple
MIDDLETOWN—Boardman F. E.
Rogers & Hubbard Co.
MYSTIC—Wilcox Fertilizer Co.
NEW HAVEN—Frisbie, L. T. Co.
Platt Frank S. Co.
Sanderson Fertilizer & Chemical Co.
NORWICH—Eldridge T. H.
ORANGE—Woodruff S. D. & Sons
ROCKFALL—Rogers Mfg. Co.
SOUTH LYME—Niantic Menhaden Oil & Guano Co.
STONINGTON—Wheeler A. G. & F.
THOMPSONVILLE—Phelps Geo. S. & Co.
WARRENVILLE—James E. L.
WILLIMANTIC—Bugbee H. R.
WINSTED—Manchester E. & Sons
WOLCOTT—MacCormack W.

DELAWARE.

DOVER—Delaware Fertilizer Co.
FREDERICA—Rogers L. C.
MILFORD—Draper, Davis Co.
Pierce Geo. F.
MILTON—Milton Fertilizer Co.
SEAFORD—Huston, Darbee & Co.
Woolley A. S. Co.
SMYRNA—Price Lewis M.
WATERBURY—Apothecaries Hall Co.

FLORIDA.

CHIPLEY—Campbell A. D.
GAINESVILLE—Florida Fertilizer Co.
Standard Fertilizer Co.
INGLIS—Barker Chemical Co.
JACKSONVILLE—American Agricultural Chemical Co.
Armour Fertilizer Works
Florida Cotton Oil Co.
Independent Fertilizer Co.
Jacksonville Fertilizer Co.
Osceola Fertilizer Co.
Painter E. O. Fertilizer Co.
Virginia-Carolina Chemical Co.
Wilson & Toomer Fertilizer Co.
MARIANNA—Gulf Chemical Co.
ORLANDO—Southern Fertilizer Co.
PALATKA—Peninsular Fertilizer Co.
PENSACOLA—Saunders E. E. & Co.
TAMPA—Gulf Fertilizer Co.
West Coast Fertilizer Co.

GEORGIA.

ALBANY—Albany Phosphate Co.
Albany Warehouse Co.
Brown Guano Co.
Muse A. W. & Co.
Pioneer Guano Co.
Virginia-Carolina Chemical Co.
AMERICUS—International Agricultural Corp.
L. G. Council Fertilizer Works
Virginia-Carolina Chemical Co.
ASHBURN—Ashburn Oil Mill
ATHENS—Empire State Chemical Co.
Georgia Phosphate Co.
Oglethorpe Oil & Fertilizer Co.
ATLANTA—Armour Fertilizer Works
Chickamauga Fertilizer Works
Empire Cotton Oil Co.
Furman Fertilizer Co.
International Agricultural Corp.
Morris Fertilizer Co.
Porter Fertilizer Co.
Southern Cotton Oil Co.
Swift & Company
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
AUGUSTA—Georgia Chemical Works
International Agricultural Corp.
South Atlantic Fertilizer Co.
Southern Cotton Oil Co.
Southern States Phosphate & Fertilizer Co.
BAINBRIDGE—Empire Cotton Oil Co.
BALDWIN—Shore W. A. & Co.
BALL GROUND—Ball Ground Oil & Fertilizer Co.
BARTOW—Smith Bros. & Co.
BLACKSHEAR—Blackshear Mfg. Co.
BLAKESLEY—Empire Cotton Oil Co.
BOSTWICK—Monroe Oil & Fertilizer Co.
BOWDON—Bowdon Oil Fertilizer Co.
BOWMAN—Bowen & Ray
Ginn I. L. & Co.
Teasley & Son
BRASELTON—Co-operative Fertilizer Co.
BREMEN—Mandeville Mills
BROXTON—Broxton Fertilizer Co.
BUENA VISTA—Planters Fertilizer & Livestock Co.
BUFORD—Busha S. J.
BULLOCHVILLE — Bullochville Home Mixture Guano Co.
BYROMVILLE—Farmers' Fertilizer Wks
CADWELL—Cadwell Fertilizer Works
CAMILLA—Georgia Mfg. Co.
CANON—Agnew O. L.
Canon Oil & Fertilizer Co.
CANTON—Canton Fertilizer Co.
CARLTON—Stevens-Martin Co.
Tiller-Glenn Co.
CARROLLTON—Mandeville Mills
CARTERSVILLE — Cumberland Fertilizer Co.
CEDARTOWN—Southern Cotton Oil Co.
CHAUNCEY — Chauncey Warehouse & Mfg. Co.
CHIPLEY—Chipley Home Mixture Guano Co.
COLUMBUS—Blanchard, Humber & Co.
Bradley W. C. Co.
Davis Warehouse Co.
Georgia Fertilizer Co.
Home Mixture Guano Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
COMER—Comer Mercantiue Co.
Rowe W. A. & Co.
COMMERCE—Commerce Fertilizer Co.
Deadwyler A. B.
CONCORD—Strickland R. F. Co.
CONYERS—Farmers' Union Warehouse, Storage & Mfg. Co.
Wood Brothers
CORDELE—Empire Cotton Oil Co.
Read Phosphate Co.
COVINGTON—Fowler Bros. Co.
CRAWFORDVILLE — Crawfordville Ginning & Fertilizer Co.
CULLODEN—Culloden Ginning & Fertilizer Co.
CUMMING—Cumming Oil & Fertilizer Co.
CUTHBERT—McDonald & Weaver
DAVISBORO—Davisboro Fertilizer Co.
DAWSON—Southern Cotton Oil Co.
DEVEREAUX—Moate J. M.
DEWEY ROSE—Farmers E. & C. Union Warehouse Co.
Hewell T. J. Jr.
DOERUN—Doerun Oil Mill Co.
DONALDSONVILLE — Donaldsonville Oil Mill
DOUGLAS—Douglas Oil & Fertilizer Co.
DOUGLASVILLE—Upshaw Brothers
DUBLIN—Dixie Fertilizer Co.
Empire Cotton Oil Co.
Middle Georgia Fertilizer Co.
Oconee Fertilizer Co.
DULUTH—McClure-Taylor Co.
EASTMAN—Improved Dodge Guano Co.
EATONTON—Eatonton Oil & Fertilizer Co.
Ezell-Griffin Co.
Putnam Fertilizer Works
EDISON—Sealy & Rambo
ELBERTON—Elbert County Fertilizer Co.
Elberton Guano Co.
Tabor T. O. & Son
ELLAVILLE—Ellaville Guano Co.
FAYETTEVILLE—Redwine Brothers
FITZGERALD—Ben Hill Co.
Fitzgerald Cotton Oil Co.
Planters' Warehouse & Loan Co.
FORSYTH—Southern Cotton Oil Co.
FORT GAINES—Georgia Products Co.
Fort Gaines Fertilizer Co.
Southern Cotton Oil Co.
FORT VALLEY—Fort Valley Oil Co.
GAINESVILLE—Jewell-Loudermilk Co.
GRANTVILLE—Grantville Cotton Oil Co.
GRAYSON—Grayson Home Mixture Co.
GRIFFIN—Gossett A. F. & Son
Walker Brothers Co.
HAGAN—Hagan Oil Mill & Fertilizer Co.
HARRISON—Harrison Fertilizer Co.
HARTWELL—Leard & Massey
Matheson J. D. & Sons
HAWKINSVILLE—Jelks W. A. & Co.
JACKSON—Buttrill Guano Co.
Mallett & Nutt
Watkins B. F. & Co.
JERSEY—Jersey Oil Mill Co.
LA FAYETTE—La Fayette Fertilizer Co.
LAVONIA—Yow & McMurray
LAWRENCEVILLE — Lawrenceville Fertilizing Co.
LILLY—Planters' Oil & Fertilizer Co.
LOCUST GROVE—Combs A. G.
LULA—Miller H. C.
LUMPKIN — Lumpkin Home Mixture Guano Co.

GEORGIA—continued
McRAE—Empire Cotton Oil Co.
South Georgia Fertilizer Co.
MABLETON—Lowe, T. J.
MACON—Atlantic Chemical Co.
Cherokee Fertilizer Co.
Columbia Guano Co.
Cotton States Seed & Fertilizer Co.
Heard Brothers
Planters' Fertilizer Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
Willingham's Warehouse
MADISON—Madison Fertilizer Co.
MAXEYS—Maxeys Mfg. Co.
MAYFIELD—Ogeechee Fertilizer Works, Inc.
MAYSVILLE—Maysville Oil Mills
MEIGS—Standard Fertilizer Co.
MIDDLETON—Middleton Union Warehouse Co.
MILAN—Farmers' Fertilizer Works
MILLEDGEVILLE—Baldwin County Fertilizer Co.
Central Georgia Guano Co.
MILLEN—Daniel Sons & Palmer Co.
Millen Fertilizer Co.
MILLHAVEN—Comer E. T. & Co.
MONROE—Monroe Oil & Fertilier Co.
Nowell J. M.
MONTEZUMA—Montezuma Fertilizer Co.
MONTICELLO—Benton Supply Co.
Empire Cotton Oil Co.
Farmers' Union Warehouse Co.
MORELAND—Camp H. W. Co.
MOULTRIE—Moultrie Fertilizer & Mfg. Co.
Moultrie Oil & Fertilizer Co.
Swift & Company
NEWNAN—Coweta Fertilizer Co.
Georgia Belle Fertilizer Co.
OCILLA—Ocilla Oil & Fertilizer Co.
PELHAM—Hand Trading Co.
Pelham Oil & Fertilizer Co.
PUTNEY—Putney F. F.
QUITMAN—Empire Cotton Oil Co.
REYNOLDS—Planters' Warehouse Co.
Reynolds Home Mixture Guano Co.
RICHLAND — Richland Home Mixture Guano Co.
ROME—Virginia-Carolina Chemical Co.
ROYSTON—Royston Guano & Warehouse Co.
RUTLEDGE—Rutledge Oil Co.
SALE CITY—Perry F. A. Warehouse
SAVANNAH — American Agricultural Chemical Co.
American Fertilizer Co.
Armour Fertilizer Works
Barker Chemical Co.
Gibbs L. Y. Son & Co.
Leffler A. Co.
Mutual Fertilizer Co.
Phosphate Mining Co.
Reliance Fertilizer Co.
Savannah Chemical Co.
Savannah Guano Co.
Seacoast Fertilizer Co.
Southern Cotton Oil Co.
Southern Fertilizer & Chemical Co.
Swift & Company
Virginia-Carolina Chemical Co.
Willcox, Ives & Co.
SENOIA—McKnight C. C. & Bros.
SHELLMAN—Crittenden Guano Co.
Shellman Home Mixture Guano Co.
SOCIAL CIRCLE—Social Circle Mfg. Co.
Virginia-Carolina Chemical Co.
SOPERTON—Soperton Guano Co.
STARRSVILLE—Anderson & Belcher
STOCKBRIDGE—Mann Joseph
SWAINSBORO—Swainsboro Fertilizer Co.
TEMPLE—Temple Cotton Oil Co.
Temple Cotton Oil Co.
THOMASTON—Reeves T. J. & Co.
Upson County Oil Mills
THOMASVILLE — Thomasville Fertilizer Co.
THOMSON—McDuffie Oil & Fertilizer Co.
TIFTON—International Agricultural Corp.
Tifton Guano Co.
TOCCOA—Farmers Cotton Oil & Fertilizer Co.
UNADILLA—Union Warehouse Co.
VALDOSTA—Empire Cotton Oil Co.
Georgia Fertilizer & Oil Co.
Strickland's A. J. Mfg Works
VIDALIA—Altamaha Fertilizer Co.
Vidalia Chemical Co.
VIENNA—Empire Cotton Oil Co.
VILLA RICA—Villa Rica Cotton Oil Co.
WARRENTON—Union Fertilizer Co.
Warren County Fertilizer Co.
WASHINGTON—Pope Mfg. Co.
WAYNESBORO—Burke County Oil & Fertilizer Co.
WHITE PLAINS—White Plains Gin & Fertilizer Co.
WINDER—Winder Oil Mill Co.
WINTERVILLE—Pittard John T.
WOODBURY—Woodbury Oil Mills
WOODSTOCK—Woodstock Oil & Fertilizer Co.
WOODVILLE—Woodville Oil Co.
WRENS—McNair-Young Co.
ZEBULON—Zebulon Gin & Fertilizer Co.

ILLINOIS.

AURORA—Alba Manufacturing Co.
CHICAGO—Armour Fertilizer Works, Union Stock Yards
Chicago Fertilizer & Chemical Works, 7631 S Green
Chicago Raw Products Co., 2801 S Ashland av
Darling & Company, 4201 S Ashland av
Herrmann Jos. F. & Co., Fisher bldg.
Hine Brothers Co., 4023 S Ashland av
Morris & Co., Union Stock Yards
Southern Cotton Oil Co., 1464 W 37th
Swift & Co., Union Stock Yards
United Chemical & Organic Products Co., 111 W Washington
United States Gypsum Co. (Ben Franklin Gypsum Land Plaster), 205 W Monroe
Wilson & Co., Union Stock Yards
EAST ST. LOUIS—Commercial Acid Co.
Swift & Company
WAUKEGAN—Barwell John W.
Blatchford Calf Meal Co., Waukegan

INDIANA.

ANDERSON—Anderson Fertilizing Co.
DECATUR—Decatur Fertilizer Co.
EVANSVILLE—Evansville Packing Co.
FORT WAYNE—Bash S. & Co.
HAGERSTOWN—Weidman Augustus
HAMMOND—American Glue Co.
INDIANAPOLIS—Dockwiler & Kingsbury Co.
Rauh E. & Sons Fertilizer Co., 419 S Penn.
Smith Agricultural Chemical Co.
Wachtel J., Southern av
KOKOMO—Kokomo Fertilizer Co.
MARION—Ballard Packing Co.
MISHAWAKA—Major Brothers Packing Co.
NEW ALBANY—Calumet Fertilizer Co., Dept. H
Empire Guano Co.
Hopkins Fertilizer Co.
SEYMOUR—Buhner F. F.
SHELBYVILLE—Bausback Robert & Sons
STASER—Niederhaus Fred.

IOWA.

FORT DODGE—United States Gypsum Co.
SIOUX CITY—Armour Fertilizer Works.

KANSAS.

BLUE RAPIDS—United States Gypsum Co.
KANSAS CITY—Armour Fertilizer Works
Cochrane Packing Co.

KENTUCKY.

BARDSTOWN—Grigsby & Co.
LA GRANGE—Duncan & Bro.
LEITCHFIELD—Grayson Fertilizer Co.
LOUISVILLE—Federal Chemical Co.
Fox Chemical Co.
Globe Fertilizer Co.
Kentucky Fertilizer Co.
Louisville Fertilizer Co.
New Louisville Rendering Co.
Southern Fertilizer Co.
Wood, Stubbs & Co.
OWENSBORO—Turley T. J. Co.

LOUISIANA.

ARCADIA—Arcadia Cotton Oil Mill & Mfg. Co.
GIBSLAND—Gibsland Oil Mills & Fertilizer Co.
HARVEY—Swift & Company
HOMER—Homer Cotton Oil Co.
MINDEN—Minden Cotton Oil & Ice Co.
NEW ORLEANS—Planters' Fertilizer & Chemical Co., Hibernia bldg
St. Bernard Rendering & Fertilizing Co., Perrin bldg
Union Seed & Fertilizer Co., Hennen bldg
RUSTON—Ruston Oil Mill & Fertilizer Co.
SHREVEPORT—Meridian Fertilizer Factory
Shreveport Fertilizer Works
Swift & Company
Virginia Carolina Chemical Co.

MAINE.

AUGUSTA—Philbrick E. J.
BANGOR—Morison Brothers
BOWDOINHAM—Sagadohoc Fertilizer Co.
EASTPORT—MacNichol Packing Co.
HOULTON — International Agricultural Corp.
PORTLAND—Portland Rendering Co.
SEARSPORT—American Agricult. Chemical Co.

MARYLAND.

BALTIMORE—American Agricult. Chemical Co., Fidelity bldg
Armour Fertilizer Works, Munsey bldg
Baltimore Fertilizer Co., 221 N Calvert
Baugh & Sons Co., The 25 S Calvert
Griffith & Boyd Co., Keyser bldg
Home Fertilizer & Chemical Co., Calvert bldg
Hubbard Fertilizer Co., Keyser bldg
Hubbard M. P. & Co., Calvert bldg
Miller Fertilizer Co., Md. Life bldg
Nichols J. B. & Son, 9 E Camden
Ober G. & Sons Co., 1101 St. Paul
Patapsco Guano Co., Fidelity bldg
Piedmont Mt. Airy Guano Co. Keyser bldg
Pollock Fertilizer Co., Fidelity bldg
Rasin-Monumental Co., Nat. Mar. Bank bldg
Standard Wholesale Phosphate Co., Continental bldg
Superior Guano Co., Munsey bldg
Swift & Co., Stock Exchange bldg
Taveau H. S. & Co., Marine Bk bldg
Wooldridge Robert A. Co., Fidelity bldg
BEL AIR—McComas Brothers
Robinson W. E. & Co.
CAMBRIDGE—Webster S. L. & Son
CARDIFF—Dooley & Robinson Bros.
CHESTERTOWN—Peerless Fertilizer Co.
CHURCH HILL—Valliant E. S. & Son
CRISFIELD—Dennis L. E. P. & Son
ELKTON—Scott Fertilizer Co.
FREDERICK—Ramsburg Fertilizer Co.
Tyson J. & Son
GREENSBORO—Horsey, Roe & Co.
HAGERSTOWN—Central Chemical Co.
Tanners Hide & Tallow Co.
HAMPSTEAD—Hampstead Fertilizer Co.
MT. AIRY—Hood W. H. & Chester P.
NEW WINSOR—Bennett N. T.
SALISBURY—Farmers & Planters' Co.
Tilghman W. B. Co.
SNOW HILL—Worcester Fertilizer Co.
UNION BRIDGE—Farmers' Exchange Co.
WESTMINSTER—Farmers Fertilizer & Feed Co.
Westminster Fertilizer Co.
WOODSBORO—Miller & Cramer

MASSACHUSETTS.

BOSTON—American Agricultural Chemical Co., 92 State
Bowker Fertilizer Co., 43 Chatham
Breck Joseph & Sons' Corp., 55 Franklin
Dow J. C. Co., 148 State
Eastern Chemical Co., 45 Union av
Lowell Fertilizer Co., 40 N Market
FRAMINGHAM—Wood A. H. & Co.
HOLYOKE—Abbott W. H.

MICHIGAN.

ADRIAN—Smith Elmer D. & Co.
ALABASTER—United States Gypsum Co.
DETROIT—American Agricultural Chemical Co., 7 Farman
GRAND RAPIDS—Grand Rapids Glue Co.
United States Gypsum Co.
JACKSON—Boland James Rendering & Fertilizing Co.
KALAMAZOO—Kalamazoo Rendering & Fertilizer Co.
ST. JOSEPH—Burton E.

MINNESOTA.

MINNEAPOLIS—United States Gypsum Co.
ST. PAUL (South)—Swift & Company

MISSISSIPPI.

AMORY—Gilmore-Puckett Co.
BROOKHAVEN—Brookhaven Cotton Oil & Fertilizer Co.
COLUMBUS—Independent Oil & Fertilizer Works
Refuge Cotton Oil Co.
CORINTH—Tupelo Fertilizer Factory
HATTIESBURG—Meridian Fertilizer Factory
HAZLEHURST—Hazlehurst Oil Mill & Fertilizer Co.
JACKSON—Jackson Fertilizer Co.
Union Seed & Fertilizer Co.
KOSCIUSKO—Planters' Oil Mill & Gin Co.
LAUREL—Laurel Oil & Fertilizer Co.
MERIDIAN—Eagle Cotton Oil Co.
George A. H. Co.
Meridian Fertilizer Factory
Threefoot Bros. & Co.
NEWTON—Newton Oil Mill
PHILADELPHIA—Henderson-Molpus Co.
TUPELO—Tupelo Fertilizer Factory
VICKSBURG—Refuge Cotton Oil Co.
WESSON—Wesson Cotton Oil & Fertilizer Co.
YAZOO CITY—Producers' Cotton Oil Co.

MISSOURI.

KANSAS CITY—United States Gypsum Co.
ST. JOSEPH—Swift & Co.
ST. LOUIS—Empire Carbon Works, 415 Locust
Mathiason P. B. Mfg. Co., 5310 N 2nd

NEBRASKA.

SOUTH OMAHA — Armour Fertilizer Works
Swift & Company

NEW HAMPSHIRE.

LANCASTER—Smith Frank Co.
PITTSFIELD—Sanborn J. W.

NEW JERSEY.

ALLOWAY—Ayres J. F.
BRIDGETON—Grange Commercial Store
Minch John E.
BURLINGTON—Burlington Supply Co.
CAMDEN—Wenderoth J. & Sons
CEDARVILLE—Brown Wm. M.
CHROME—Armour Fertilizer Works
ELMER—Smith Rufus W. Co.
FREEHOLD—Monmouth County Farmers' Exchange
HIGHTSTOWN—Chamberlin E. B. & Co.
MARLBORO—Baird J. H. & Son
MEDFORD—Haines Jos. H. & Sons

MILLINGTON—Runyon A. D.
MONMOUTH JUNCTION—Rowland John B.
MOORESTOWN—Collins J. S. & Son, Inc.
Doughten H. W.
MT. EPHRAIM—Clark C. C. & Son
MT. HOLLY—Burlington County Farmers' Exchange
NEWARK—Listers Agricultural Chemical Works, Lister av
Noll J. F. & Co., 115 Mulberry
NEW BRUNSWICK—Lederer Samuel & Son
Ruckman Brothers
PLAINFIELD—Glaser Co.
QUINTON—Quinton Glass Co.
ROBBINSVILLE—Hendrickson & Dilatush
SWEDESBORO—Locke & Black
TRENTON—Trenton Bone Fertilizer Co.
VINELAND—Wilde Wm.
WOODBURY—West Jersey Marl & Trans. Co.
WOODSTOWN — South Jersey Farmers' Exchange

NEW YORK.

ALBANY—Newhof L.
BALDWINSVILLE—Giddings Burt & Sons
BEACON—Hammond Benjamin
BROCKPORT—Shafer Perry C. Co.
BUFFALO—American Agricultural Chemical Co., 129 Lewis
Dold Jacob Packing Co.
International Agricultural Corp., Marine Bank bldg
U. S. Gypsum Co.
FILLMORE—Stockwell J. W. Co.
JOHNSONBURG—Daniels Fred
NEW YORK CITY—American Agricultural Chemical Co., 2 Rector
Am. Cotton Oil Co., 65 B'way
American Cyanamid Co., 511 5th av
Bowker Fertilizer Co., 60 Trinity pl
Coe-Mortimer Co., 51 Chambers
Consumers' Chemical Corp., 120 B'way
Cooper's Peter Glue Factory, 11th av & 28th
Henderson Peter & Co., 35 Cortlandt
International Agricultural Corp., 61 B'way
Lister's Agricultural Chemical Works, 2 Rector
Ludlam Frederick Co., 2 Rector
Mapes Formula & Peruvian Guano Co., 143 Liberty
Nassau Fertilizer Co., 2 Rector
National Fertilizer Co., 2 Rector
Parson & Petit (Brokers), 63 Beaver
Southern Cotton Oil Co., 120 Broadway
Southern Exchange Co., 97 Warren
Suter Eugene & Co., 120 B'way
Thorburn J. M. & Co., 53 Barclay
U. S. Gypsum Co., 1170 B'way
OAKFIELD—U. S. Gypsum Co.
ROCHESTER—Flower City Plant Food Co.
International Seed Co.
SYRACUSE—Syracuse Rendering Co.
YONKERS—Health Chemical Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Packing Co.
AULANDER—Bertie Cotton Oil Co.
CHARLOTTE—Southern Cotton Oil Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
CLAYTON—Clayton Oil Mill
CONCORD—Southern Cotton Oil Co.
DUNN—Dunn Oil Mills Co.
DURHAM—Virginia-Carolina Chemical Co.
EDENTON—Chowan Cotton Oil & Fertilizer Co.
ELIZABETH CITY—Grandy N. G. & Co.
Jennett Brothers Co.
FARMVILLE—Farmville Oil & Fertilizer Co.
TIMMONSVILLE—Timmonsville Oil Co.
FREMONT—Fremont Oil Mill Co.
GIBSON—Southern Cotton Oil Co.
GOLDSBORO—Southern Cotton Oil Co.
GREENSBORO — American Agricultural Chemical Co.
Armour Fertilizer Works
HERTFORD—Eastern Cotton Oil Co.
JOHNS—John J. T. Co.
KINSTON—Lenoir Oil & Ice Co.
LAUREL HILL—Pate Z. V.
LAURINBURG—Elmore Ginning & Fertilizer Co.
McNair Phosphate Co.
LUMBERTON—Robeson Mfg. Co.
MARSHVILLE—Marsh-Lee Co.
MAXTON—Elba Mfg. Co.
NEW BERN—Craven Chemical Co.
Meadows E. H. & J. A. Co.
New Bern Cotton Oil & Fertilizer Mills
Virginia-Carolina Chemical Co.
PINE LEVEL—Pine Level Oil Mills
PITTSBORO—Chatham Oil & Fertilizer Co.
RAEFORD—Hoke Oil & Fertilizer Co.
RALEIGH—Carsleigh Phosphate & Fertilizer Works
Union Seed & Fertilizer Works
ROCKINGHAM—Everett Bros.
ROCKY MOUNT—Planters' Cotton Oil & Fertilizer Co.
Southern Cotton Oil Co.
SCOTLAND NECK—Scotland Neck Guano Co.
SHELBY—Southern Cotton Oil Co.
TARBORO—Josey N. B. Guano Co.
Royster F. S. Guano Co.
WADESBORO—Southern Cotton Oil Co.
WASHINGTON—Bragaw Fertilizer Co.
Havens Oil Co.
Pamlico Chemical Co.
WILMINGTON—Acme Manufacturing Co.
American Agricultural Chemical Co.
Armour Fertilizer Works
Navassa Guano Co. of Wilmington
Pearsall & Co.
Swift & Company
Union Seed & Fertilizer Co.
WILSON—Contentnea Guano Co.
Farmers' Cotton Oil Co.
Southern Cotton Oil Co.
WINSTON-SALEM—Union Guano Co.
Virginia-Carolina Chemical Co.

OHIO.

AKRON—Barber O. C. Mining & Fertilizer Co.
ALLIANCE—Alliance Fertilizer Co.
ATHENS—Stedman F. C. Co.
BARBERTON—Columbia Chemical Co.
CAMDEN—Slover Edward Fertilizer Co.
CANTON—Canton Fertilizer & Chemical Co.
CINCINNATI — American Agricultural Chemical Co., Prov. Bk. bldg
Jarecki Chemical Co., ft. Broermann av, St. B
Joslin-Schmidt Co., 3223 Spring Grove av
Virginia-Carolina Chemical Co., Union Central bldg
CLEVELAND — American Agricultural Chemical Co., Rose bldg
Fertile Chemical Co. ("Nitro Fertile," "Lime Fertile," "Aluvia"), E 4th & Prospect
Grassell Chemical Co., Guardian bldg
Stadler J. L. & H. Rendering & Fertilizer Co., 908 Denison av, N W
Swift & Co., 2300 Ontario S. E.
U. S. Gypsum Co.
COLUMBUS—Farmers' Fertilizer Co.
Independent Packers Fertilizing Co.
New Process Fertilizer Co.
Smith Agricultural Chemical Co.
Welch Fertilizer Co.
DAYTON—Wuichet Fertilizer Co.
DEFIANCE—Ruehle John
GREENVILLE—Mace & Mansfield
GYPSUM—U. S. Gypsum Co.
HAMILTON—Miami Fertilizer Co.
HARVEYSBURG—Harveysburg Fertilizer Co.
MARIETTA—Marietta Bone & Phosphate Co.
Muskingum Valley Fertilizer Co.
MEDINA—Rickard G. W.
NEWARK—Howell Fertilizer Co.
PORTSMOUTH—Portsmouth Chemical Co.
SANDUSKY—Jarecki Chemical Co.
TIFFIN—Seneca Fertilizer Co.
WASHINGTON C. H.—Hamm M. Co.
Miller E. L.
WHEELERSBURG—Bell Geo. A. Fertilizer Works
YOUNGSTOWN—Youngstown Fertilizer Co.
ZANESVILLE—Frank L. & Sons

OREGON.

NORTH PORTLAND—Union Meat Co.
PORTLAND—Fish Salting & By Product Co.
PORTLAND—Alaska Oil & Guano Co.
Portland Rendering Co.
Portland Seed Co.

PENNSYLVANIA.

ALLENTOWN—Allentown Manufacturing Co.
Reichard Robert A.
ATGLEN—Hastings W. S. & Sons
CHESTER—Baxter Henry V.
COATESVILLE—Downward Jas. G. Co.
Hartranft Frank
CONNELLSVILLE—Connellsville Garbage & Fertilizer Co.
DOYLESTOWN—Dungan Fertilizer Co.
DU BOIS—Du Bois Fertilizer Works, Inc.
EASTON—Berger Brothers
ELIZABETHTOWN — Farmers' Fertilizer Works
ERIE—Erie Reduction Co.
GAP—Walker J. C. & Sons Co.
GETTYSBURG—Blocher D. & Co.
HAZLETON—Schumacher Anson B.
JOHNSTOWN—Cambria Fertilizer Co.
KENNETT SQUARE—Gawthrop Jos. R.
LANCASTER—Lancaster Bone Fertilizer Co.
Lancaster Chemical Co.
LEAMAN PLACE—Eby Amos & Co.
LEBANON—Lebanon Fertilizer Works
LINCOLN UNIVERSITY—Cope Henry & Co.
LINFIELD—Trinley Jacob & Sons
MAUD—Simon's F. A. Brothers
NEWTOWN—Kenderline T. S. & Sons
NORTH WALES—Union Chemical Works, Inc.
OXFORD—Oxford Packing Works
PHILADELPHIA—American Agricultural Chemical Co., Drexel bldg
Baugh & Sons Co., 20 S Delaware av
Berg Co., E. Ontario bl, Richmond
Hess S. M. & Bro., 328 Chestnut
Keystone Bone Fertilizer Co., 15 N 5th
Roberts Ellwood Co., Drexel bldg
Shoemaker M. L. & Co., Venango & Delaware
Thomas I. P. & Son Co., Drexel bldg
Tunnell F. W. & Co., 15 N 15th
Tygert J. E. Co., 28 S. Delaware av
Whann W. E. Co., Drexel bldg
Wilson Martin Co., 30th & Market
PITTSBURGH—American Reduction Co., 1942 Forbes
Beckert Seed Store, 103 Federal
Columbia Chemical Co., Frick bldg
Pittsburgh Provision & Packing Co., Herrs Island
Walker, Stratman & Co., Herrs Island
RAUBSVILLE—Hoffman P. & Bro.
READING—Reading Bone Fertilizers Co.
SEITZLAND—Koller Fertilizer Co.
SPRINGTOWN—Miller Frank P.
STEWARTSTOWN—Bartenslager J. H.
WARREN—Warren Fertilizer Co.
WILLIAMSPORT—Thomas James
YORK—York Chemical Works

RHODE ISLAND.

NARRAGANSETT PIER—Geaber Jos. F. & Bros.
PROVIDENCE—Mitchell Fertilizer Co., 26 S Water

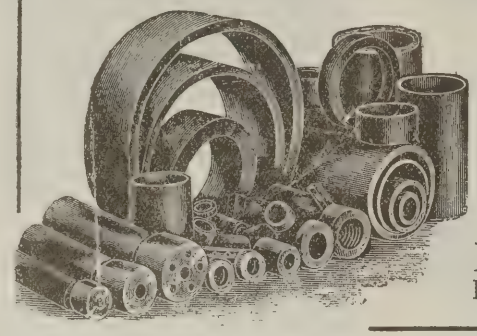
SOUTH CAROLINA.

AIKEN—Farmers Storage & Fertilizer Co.
ANDERSON—Anderson Fertilizer Co.
Anderson Phosphate & Oil Co.
Peoples Oil & Fertilizer Co.
BATESBURG—Batesburg Cotton Oil Co.
BENNETTSVILLE — Marlboro Fertilizer Co.
BLACKSBURG—Virginia-Carolina Chemical Co.
CAMDEN—Southern Cotton Oil Co.
CHARLESTON—Combahee Fertilizer Co.
Etiwan Fertilizer Co.
McCabe Fertilizer Co.
Macmurphy Fertilizer Co.
Molony & Carter Co.
Peruvian Guano Corp.
Planters' Fertilizer & Phosphate Co.
Read Phosphate Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
Wulbern Fertilizer Co.
CHERAW—Cheraw Oil & Fertilizer Co.
CLINTON—Clinton Oil Mills
CLIO—Clio Oil & Fertilizer Co.
COLUMBIA — American Agricultural Chemical Co.
Atlantic Chemical Co.
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Congaree Fertilizer Co.
Palmetto Guano Corp.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Swift & Company
Virginia-Carolina Chemical Co.
DARLINGTON—Darlington Fertilizer Co.
DILLON—Southern Cotton Oil Co.
ELLENTON—Ellenton Fertilizer Co.
FAIRFOREST—Fairforest Cotton Oil Co.
GAFFNEY—Victor Cotton Oil Co.
GREENVILLE—Carolina Phosphate Co.
Independent Guano Co.
Virginia-Carolina Chemical Co.
GREENWOOD — International Agricultural Corp.
GREER—Greer Cotton Seed Oil & Fertilizer Co.
Greer Fertilizer Co.
HARTSVILLE—Hartsville Fertilizer Co.
JOHNSTON—Edison J. D.
KERSHAW—Kershaw Oil Mill
LAMAR—Lamar Ginning & Cottonseed Exchange
LANCASTER—Catawba Fertilizer Co.
LIBERTY—Franklin Guano Co.
LITTLE MOUNTAIN—Little Mountain Oil Mill & Fertilizer Co.
LOWNDESVILLE — Lowndesville Cotton Oil Co.
MANNING—Manning Oil Mill
MARION—Marion Guano Co.
MULLINS—Daniel W. H. Supply Co.
NEWBERRY—Farmers' Oil Mill
NORTH AUGUSTA — North Augusta Warehouse & Fertilizer Co.
ORANGEBURG—No-Filler Fertilizer Co.
Orangeburg Fertilizer Co.
PON PON—Georgia Chemical Works
ROCK HILL—Rock Hill Fertilizer Co.
SIMPSONVILLE — Simpsonville Cotton Mills
SPARTANBURG—International Agricultural Corp.
Royster F. S. Guano Co.
Spartanburg Fertilizer Co.
Southern Cotton Oil Co.
TRENTON—Trenton Fertilizer Co.
WELLFORD—Tiger-Shoals Milling Co.
WESTMINSTER—Westminster Oil & Fertilizer Co.
Westminster Oil & Fertilizer Co.
WEST UNION—Neville Brothers
Strother & Phinney
WOODRUFF—Woodruff Oil & Fertilizer Co.

TENNESSEE.

CHATTANOOGA—Chickamauga Fertilizer Works
Scholze Henry A.
JACKSON—Union Seed & Fertilizer Co.
KNOXVILLE—Lowe-Hord Hardware Co.
LEOMA—Leonia Gin & Fert. Co.
MEMPHIS—Southern Cotton Oil Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
MOUNT PLEASANT — Mount Pleasant Branch, Virginia-Carolina Chemical Co.
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Bryant Fertilizer Co.
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4678-9— Fibre (Friction)

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Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

4680— Fibre (Hard)

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Oeters, Edgar O. Co., 603 Arch, Phila., Pa. *See adv index at end of book*
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Russell Specialty Mfg. Co., Lake & Sacramento, Chicago, Ill. *See adv index at end of book*
SPAULDING J. & SONS CO., INC. (In Sheets, Rods, Tubes & Specialties), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co., Miller, Somerville, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.

4681— Fibre (Insulating)

See also Fibre, Hard

Brandywine Fibre Products Co., E Wilmington, Del. *See adv index at end of book*
Continental Fibre Co., Newark, Del. *See adv index at end of book*
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
SPAULDING J. & SONS CO., INC., P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del.

4682— Fibre (Sheet)

See also Fibre, Hard

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Empire Mfg. Co., 26th & Tatnell, Wilmington, Del.
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Wilmington Fibre Specialty Co., Wilmington, Del.

4682a— *Fibre (Specialties)

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See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del.

4683a— Fibre (Tubes)

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Chicago Mica Co., Valparaiso, Ind.
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CONTINENTAL FIBRE CO. ("Bakelite-Delecto"), Newark, Del.
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Fibre Container Co. of Pa. (Spiral Wound), H Nixon, Manayunk, Phila., Pa.
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ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
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Russell Specialty Mfg. Co., Lake & Sacramento, Chicago, Ill.
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Standard Fibre Co., Somerville, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.

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See adv index at end of book

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Independent Lamp & Wire Co., Weehawken, N. J.
Jackson Francis E., Orange, N. J.
Pick Richard Mfg. Co., 224 N Wells, Chicago, Ill.

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Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
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Barker-Sweet Mfg. Co., 220 N. Y. av, Jamaica, N. Y.
Barnett G. & H. Co. ("Black Diamond"), 1076 Frankford av, Phila., Pa.
Bickhaus File Co. ("Gem City"), Quincy, Ill.
Boston Tool & Mfg. Co., Inc. (Rotary Die Sinkers), 262 Dover, Boston, Mass.
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NICHOLSON FILE CO. ("Nicholson," "Kearney & Foot," "McClellan," "J. Barton Smith," "Eagle," "Arcade," "American," "Gt. Western," "X-F," Swiss Pattern Files, Providence, R. I.
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Pittsburgh Gage & Supply Co. ("Bestovall" Files), 30th & Liberty av, Pittsburgh, Pa.
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Shannon Wm., Middletown, N. Y.
SIMONDS MFG. CO. ("Simonds," "Fitchburg"), Fitchburg, Mass.
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Stanley Calrow L. (Hand Cut Roll Files a Specialty), Lowell, Mass.
Stokes Bros Mfg. Co., Freehold, N. J.
Stubbs Steel Co., 17 N 5th, Phila., Pa.
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Vixen Tool Co. ("Vixen"), 858 Summer av, Newark, N. J.
Vixen Tool Co. ("Vixen" Patent Milling File), 50th & Lancaster av, Phila., Pa.
Westfahl File Co. ("Westfahl" Rasp), 467 31st, Milwaukee, Wis.
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NICHOLSON FILE CO. ("Spark"), Providence, R. I.
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Hammond E. L. & Son, Sayre, Pa.
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Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

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Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Johnson & Biddle Tool Co. ("J. & B."), Elkhart, Ind.
Parkes File Co., 117 Verona av, Newark, N. J.
Tacony File & Hardware Co., 6744 Wissinoming, Phila., Pa.
Vixen Tool Co. ("Vixen"), 858 Summer av, Newark, N. J.

4698—Files (Gas & Cigar Lighter)

Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Parkes File Co., 117 Verona av, Newark, N. J.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4699— Files (Horse Tooth)

Arcade Mfg. Co., Freeport, Ill.
Heller Bros. Co. 870 Mt. Prospect av, Newark, N. J.

4700— Files (Manicure)

Arlington Works (Du Pont E. I. de Nemours & Co.), Wilmington, Del.
Buchanan & Burns Co., 45 Austin, Newark, N. J.
Celluloid Co., 36 Washington pl, New York
Disston Henry & Sons, Tacony, Phila., Pa.
Dorpfeld Frederick W. Co., 24 Kipp, Newark, N. J.
Du Pont E. I. de Nemours & Co., Inc. Pyralin Div. ("Pyralin" Nail, etc.), Wilmington, Del.
See adv index at end of book
Fiberloid Corp., Dept. H, Indian Orchard, Mass.
Hammond E. L. & Son, Sayre, Pa.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Koch F. A. & Co., 524 B'way, New York
Overland Mfg. Co., 71 W 23rd, New York
Parkes File Co., 117 Verona av, Newark, N. J.
Ruettgers Ernest Inc., 242-46 Chestnut, Brooklyn, N. Y.
Schnefel Bros., 684 S 17th, Newark, N. J.

4701— Files (Milling)

Brady F. A., Inc. ("Fabrady"), 30 Church, New York
Vixen Tool Co. ("Vixen"), 858 Summer av, Newark, N. J.

4701a— Files (Platinum Point)

Du Pont E. I. de Nemours & Co., Inc., Pyralin Div., Wilmington, Del.
See adv index at end of book
NICHOLSON FILE CO. ("Superior") Providence, R. I.
See adv index at end of book
Tacony File & Hardware Co., 6744 Wissinoming, Phila., Pa.

4702— Files (Roll)

Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Stanley Calrow L., Lowell, Mass.

4703— Files (Rotary)

Creasy Rotary Filer Co., The, Ballinger, Tex.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.
Parkes File Co., 117 Verona av, Newark, N. J.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4704— Files (Side)

Disston Henry & Sons, Tacony, Phila., Pa.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.

4705—Files ("Weed's Special")

NICHOLSON FILE CO., Providence, R. I.
See adv index at end of book

4706—Filing Cabinets & Devices

See also Blue Print Filing Cabinets

Adams Mfg. Co., 86 E Plumstead, Phila., Pa.
Allsteelequip Co. (Metal), Aurora, Ill.
Amberg File & Index Co. (Wood), 1400 Fulton, Chicago, Ill.
American Bank Protection Co. (Steel), 1201 S 3d, Minneapolis, Minn.
American Clip Co., Beebe av, Long Island City, N. Y.
American Kardex Co. ("Kardex"), Tonadanda, N. Y.
Armorclad Mfg. Co. ("Armor Clad" Metallic), Canton, O.
Art Metal Construction Co. ("Art Metal"), Jamestown, N. Y.
Art Metal Products Co., 514 S Green, Chicago, Ill.
Automatic File & Index Co. (Automatic Vertical & Sectional), Green Bay, Wis.
Baker-Vawter Co. (Steel), Benton Harbor, Mich.
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.
Berger Mfg. Co. ("Berloy" Steel), Canton, Ohio
Browne-Morse Co. (Wood), Muskegon Heights, Mich.
Caldwell Jos. S. ("Well's" Adjustable, Wood Only), Syracuse, N. Y.
Canton Art Metal Co. (Steel), Canton, O.
Cabinola Co. (For Player Piano Rolls), 35-45H Henry, Buffalo, N. Y.
Clark W. J. Co. (Metallic), Salem, O.
Cleveland Metalcraft Co. (Steel), E 71st & Belt Line, Cleveland, O.
Costmeter Co. ("Costmeter" Visible Index), 1000 Washington, Boston, Mass.
Currier Mfg. Co. (Steel), Boston Block, Minneapolis, Minn.
Cutler Desk Co. (Wood), Buffalo, N. Y.
Darby Edw. & Sons Co. ("Pen-Dar" Metallic), 412 N 18th, Phila., Pa.
Decker Moulding & Mfg. Co., 9th & Monroe, St. Louis, Mo.
Dexter Metal Mfg. Co. (Metallic & Steel), 93 Arch, Camden, N. J.
Diven Mfg. Co., Elmira, N. Y.
Edwards O. M. Co. Inc. ("Edwards" Steel), Syracuse, N. Y.
Estes E. B. & Sons (Card Index, Wood Cabinets), 364 5th av, New York
See adv index at end of book
Federal Steel Fixture Co. (Steel), 8700 S Halsted, Chicago, Ill.
Fielder & Allen Co. (Jobbers), Dept. H, Atlanta, Ga.
Fire-Proof Furniture & Construction Co. (Metallic), Miamisburg, O.
GENERAL FIREPROOFING CO. ("G. F. Allsteel," "Wydesteel" & "U-nettes" Metallic), Youngstown, O.
See adv index at end of book
Globe-Wernicke Co. (Sectional Wood & Steel), 25 Carthage av, Cincinnati, O.
Gunn Furniture Co., Grand Rapids, Mich.
Hart & Hutchinson Co. ("H. & H." Steel), Corbin av, New Britain, Conn.
Herring-Hall-Marvin Safe Co., Hamilton, Ohio
Hobart Bros. Co., Troy, N. Y.
Ideal Desk Co. (Wood), Auburn, Me.
Imperial Methods Co. (Cabinet Oak), 312 W Madison, Chicago, Ill.
Imperial Steel Cabinet Co. (Steel), 2144 Fulton, Chicago, Ill.
INDEX VISIBLE, INC. ("Index Visible"), 441 Chapel, New Haven, Conn.
Invincible Metal Furniture Co., Manitowoc, Wis.
Keyless Lock Co. (Steel), Indianapolis, Ind.
Keller & Smith Co., 21 Howard, New York
Kohlhaas Co. ("Kohlhass" Sorting Devices and Card Systems), 183 N Dearborn, Chicago, Ill.
Lewis F. J. Mfg. Co., Moline, Ill.
Library Bureau (Metallic & Wood), 43 Federal, Boston, Mass.
Lundstrom C. J. Mfg. Co., Little Falls, N. Y.
Macey Co. (Wood & Steel), Grand Rapids, Mich.
Melton-Rhodes Co. (Wood), Greensboro, N. C.
Metal Office Furniture Co. (Steel), Grand Rapids, Mich.
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
Ohmer's M. Sons Co., Dayton, O.
Otsego Furniture Co. (Upright Filing Cabinets only), Otsego, Mich.
Rand Co., No Tonawanda, N. Y.
Ravenswood Office Specialties Co. (Stenographer Stationery Files), 1800 Newport av, Chicago, Ill.
Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
Ross-Gould ("Kleradesk"), Dept. H 10th & Olive, St. Louis, Mo.
Schwartz Sectional System (Chemical & Druggists), Indianapolis, Ind.
Shaw-Walker Co., Muskegon, Mich.
Shelbyville Desk Co. (Wood), Shelbyville, Ind.
Simonson Roger A. & Co., 122 S Michigan av, Chicago, Ill.
Steel Fixture Mfg. Co. (Metallic), Topeka, Kan.
Stiles H. A. Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Underwriters Safe Co., Toledo, Ohio
Universal Steel Cabinet Co., 2026 Pacific, Bklyn, N. Y.
U. S. Steel Furniture Co., Syracuse, N. Y.
Van Dorn Iron Works Co. (Steel), 2700 E. 79th, Cleveland, O.
Vetter Mfg. Co. (Wood), Rochester, N. Y.
Vogt Peter A. Mfg. Co. (Wood & Steel), 24 Evans, Buffalo, N. Y.
Wabash Cabinet Co. (Wood), Wabash, Ind.
Wagemaker Co. (Wood), Grand Rapids, Mich.

FILING CABINETS & DEVICES—contin'd
Watson Mfg. Co. (Metallic), Jamestown, N. Y.
Weis Mfg. Co. ("Weis," Wood & Fibre), Monroe, Mich.
Work-Organizer Specialty Co. ("Work-Organizer" Desk Drawer Files, etc.), 87 Jefferson av, Detroit, Mich.
Wetzel P. A. Co., Rockford, Ill.
Yawman & Erbe Mfg. Co. (Steel & Wood), Rochester, N. Y.

4707— Fillers (Asphalt)

Barber Asphalt Paving Co. ("Genasco") Land Title bldg, Phila., Pa.
Byerly & Sons, 2489 W 4th, Cleveland, O.
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
International Asphalt Co. ("Cubanel"), 133 W. Wash., Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Standard Asphalt & Rubber Co. ("Sarco," for Deadening & Waterproofing Brick & Block Pavements), 208 S La Salle, Chicago, Ill.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. ("Standard") 910 S Michigan av, Chicago, Ill.
Standard Oil Co. of New York, 26 B'way, New York
Standard Oil Co. of Ohio, E Ohio Gas bldg, Cleveland, O.
Sun Co., Finance bldg, Phila., Pa.
Texas Co. ("Texaco," for Brick, Wood Block & Granite Pavements), Houston, Tex., & 17 Battery pl, New York
Toledo Vitrified Brick Co., 622 Madison av, Toledo, O.
U. S. Asphalt Refining Co., 90 West, New York

4708— Fillers (Barrel)

Cleveland Steam Gauge Co. ("Watson" Automatic), 1108 W 9th, Cleveland, O.
Kelso & Co. (Automatic), 559 W Quincy, Chicago, Ill.
Moran Flexible Steam Joint Co. (Automatic), Louisville, Ky.
U. S. Bottlers' Machinery Co. ("U. S." automatic), 2511 Park av, Chicago, Ill.

4709— Fillers (Cake)

Sargent & Co. ("Anger's Perfect"), New Haven, Conn.

4710—Fillers (Can, Tomato Pulp Measuring)

U. S. Bottlers' Machinery Co. (U. S.), 2511 Park, Chicago, Ill.

4710a— Fillers (Cement)

Toch Bros., 320 5th av, New York

4711— Fillers (Dry Battery)

Acheson Graphite Co. ("Acheson" Graphite), Niagara Falls, N. Y.

4712— Fillers (Egg Case)

Cherry J. G. Co., Cedar Rapids, Ia.
Crescent Paper Co., Marseilles, Ill.
North Star Egg Case Co., Quincy, Ill.
Piqua Cap Co., Piqua, O.

4713—Fillers (Engineers' Oil)

Eagle Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. (Brass, Copper, Plated Steel & Brazed Seamed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Hall Mfg. Co., Harrison, N. J.
Hero Mfg. Co., Westmoreland & Stokley, Phila., Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

4714— Fillers (Frog, Steel)

Ft. Wayne Iron Steel Rolling Mills, W Taylor, Ft. Wayne, Ind.
See adv index at end of book
Illinois Steel Co., 208 S La Salle, Chicago, Ill.

4715— Fillers (Ice Can)

Burns, Jas. F., 713 Cherry, Phila, Pa.
Canton Paint & Glass Co. Canton, O.
Great Lakes Engineering Works (For Mfrs. of Artificial Ice, Automatic), Real Est. Exch. bldg, Detroit, Mich.

Fillers (Iron Casting)

See Cement, Iron & Steel Filler

4716— Fillers (Iron & Steel)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Brown Chas. H. Paint Co., 262 Fulton, Brooklyn, N. Y.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., 3234 Lakeside av, Cleveland, O.
French Samuel H & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Indianapolis Paint & Color Co. ("Capital City"), Indianapolis, Ind.
Keystone Minerals Co. ("Keystone"), 41 Union sq., New York
Keystone Paint & Filler Co., Muncy, Pa.
King Paint Mfg. Co. (Iron), 449 Kent av, Brooklyn, N. Y.
Lawrence W. W. Co. ("Cementect"), W. Carson, Pittsburgh, Pa.
Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patton Paint Co. ("James," "Patton"), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Richmond Bros., 611 Main, Cincinnati, O.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Shoemaker Robt. & Co., Inc. (Iron Only), 4th & Race, Phila., Pa.
Smith Edw. & Co., 127 W. av, Long Island City, N. Y.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
U. S. Gutta Percha Paint Co. ("Rice's," Corliss, Vulcan), 12-30 Dudley, Providence, R. I.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wilbur J. Co. (Iron), Office, Providence, R. I.
Wilhelm A. Co. (Liquid & Paste), Reading, Pa.

4717— *Fillers (Machine)

Nice Eugene E., 272 S 2d, Phila., Pa.

Fillers (Oil)

See Fillers; Engineers' Oil

4718— Fillers (Paint)

Boston Varnish Co., Everett Station, Boston, Mass.
International Silica Co., Cairo, Ill.
Keystone Paint & Filler Co. ("Keystone," Black), Muncy, Pa.
Keystone Minerals Co. ("Keystone"), 41 Union sq., New York
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
St. Louis Surfacer & Paint Co. ("Metal-Steel"), Arlington & Terminal Belt Line, St. Louis, Mo.
Wainwright John C., Spring City, Pa.

4719—Fillers (Paper & Linoleum)

Macneal James B. & Co., Warner & Wooster, Baltimore, Md.
Solvay Process Co. ("Crown" Paper), Syracuse, N. Y.
U. S. Gypsum Co. ("Snow-White," "Ivory" white & gray gypsum), 205 W Monroe, Chicago, Ill.

4720— Fillers (Rope)

Chemical & Engineering Co. ("Red Dragon" for Belts & Rope Drivers), Watertown, N. Y.
Ironsides Co. ("Ironsides" for Wire & Fibre Rope), Columbus, O.
Ohio Filler & Shield Co., 522 City av, Columbus, O.

4721— Fillers (Silo)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Case J. I. Threshing Machine Co. ("Case") Racine, Wis.
Ironwood Mfg. Co. ("Cyclone"), Bellefontaine, O.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Silver Mfg. Co. ("Ohio") ("Silver"), No. 256, Salem, O.

4721a—*Fillers (Trench Back)

Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book

4722— Fillers (Wood)

Acme White Lead & Color Works, St. Aubins & M. C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" Liquid & Paste), 726 Washington blvd, Chicago, Ill.
Akron Varnish Co. (Liquid), Akron, O.
Allentown Mfg. Co. (Paste), Allentown, Pa.
Andersen Specialty Co. (Water Putty), 6 E. Lake, Chicago, Ill.
Armitage Jno. L. & Co., 54 Dawson, Newark, N. J.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Bradford Jas. Co., Wilmington, Del.
Bridgeport Wood Finishing Works (Du Pont) ("Wheeler's"), Philadelphia, Pa.
Brown Chas H. Paint Co., 262 Fulton, Brooklyn, N. Y.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Burdsal A. Co., Indianapolis, Ind.
Calman Emil & Co. ("Calman's Silex" Paste), 100 William, New York
Cambria Paint & Color Co., Ltd., Johnstown, Pa.
Canton Paint & Glass Co., Canton, O.
Certain-teed Products Corp. ("Certain-teed" Liquid Paste), H Boatman's Bank bldg, St. Louis, Mo.
Chase Roberts Co. ("Kismet"), West av, Long Island City, N. Y.
Chesapeake Oil Co., Ostend & Leadenhall, Baltimore, Md.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Paint & Varnish Section ("Wheeler" Liquid & Paste), Wilmington, Del.
See adv index at end of book
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
Educational Film Corp'n, 729 7th av, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., 3234 Lakeside av, Cleveland, O.
Franche C. E. & Co., 440 Orleans, Chicago Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co. (Liquid & Paste), Chattanooga, Tenn.
Glidden & Co. ("Puritan" Liquid "Japalac"), Madison & Berea rd, Cleveland, O.
Globe Iron Roofing & Corrugating Co,, Dept. H, Newport, Ky.
Gold Metal Polish Co. (Paste), Racine, Wis.
Graves N. Z. Corp., 22 S 3d, Phila., Pa.
Grippin Mfg. Co., Newark, N. Y.
Hilo Varnish Corp., Marcy & Flushing avs, Brooklyn, N. Y.
Howell Chas. H. & Co., 212 Race, Phila., Pa.
Indianapolis Paint & Color Co. ("Capital City"), Indianapolis, Ind.
International Silica Co., Cairo, Ill.
Jamestown Wood Finishing Co., Jamestown, N. Y.
Kroeger Bros., 880 McKim, Baltimore, Md.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lawrence W. W. & Co. ("Cementect"), W Carson, Pittsburgh, Pa.
Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.
McCloskey Varnish Co., 30th & Locust, Phila., Pa.
Marietta Paint & Color Co., Marietta, O.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mayer & Loewenstein ("Flint Filler"), 164 Water, New York
Mepham G. S. & Co., 20th & Lynch, East St. Louis, Ill.
Miami Valley Paint Co., Dayton, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co. (Liquid & Mineral Paste), 224 McWhorter, Newark, N. J.
Nice Eugene E. ("Nice"), 272 S 2d, Phila., Pa.
O'Brien Varnish Co. ("Adamantean"), South Bend, Ind.
Patton Paint Co. ("Tector"), Milwaukee, Wis.
Phoenix Paint & Varnish Co., 124 Market, Phila., Pa.
Pomerroy & Fischer, 95 Madison av, New York
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Rice S. E. M. Filler Co. (Liquid & Paste, "Red Letter," "Superior"), Irvington, N. J.
Richmond Bros. ("Save-a-Coat"), 616 Main, Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Shoemaker R. & Co., 4th & Race, Phila., Pa.
Smith Edw & Co., 127 West av, Long Island City, N. Y.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
Ullman-Philpott Co., 4805 Lexington, Cleveland, O.
Valentine & Co., 456 4th av, New York
Wadsworth-Howland & Co. ("Bay-State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Inc., Camden, N. J.
Waterproof Paint Co., Watertown, Mass.
Woodhouse Sam'l F. (Liquid & Paste), Unity & Franklin, Phila., Pa.

4722a— Fillet (Emery)

Stiles H. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

4723— Fillet (Patternmakers')

Benskin Mfg. Co. (Leather & Wood), Canton, O.
Brodin Pattern & Supply Works (Wood & Composition), 2420 W 16th, Chicago, Ill.
Butler A. G. Inc., 152 Chambers, New York
Chain Products Co. (Leather & Wood), 3924 Cooper av, Cleveland, O.
Combined Supply & Equipment Co, Inc., 766-772 Grant av, Buffalo, N. Y.
Hawker W. S. Mfg. Co., 458 E. Bacon, Dayton, O.
Knight H. W. & Son (Leather & Wood), Seneca Falls, N. Y.
Nott W. S. Co. (Leather), 2d av N & 3d, Minneapolis, Minn.
Oliver Machinery Co., Grand Rapids, Mich.
Page Belting Co. (Leather & Wood), Concord, N. H.
Pittsburgh Filter & Engng. Co., H Farmers Bank bldg, Pittsburgh, Pa.
Risbridger Fillet Co. (Patent Paper & Pulp), 5415 St. Clair av, Cleveland, O.
Shanafelt Mfg. Co. ("Belding" Leather, Obtuse Angle Wood), Canton, O.
Tennison G. E. (Leather), 311 Main, Cincinnati, O.
Timmis & Clissold (Leather & Wood), Bound Brook, N. J.
Wellman Products Co. ("Crescent" Wood & Leather), 1444 E 49th, Cleveland, O.

4724—Fillings (Chemical Tower)

See also Stoneware, Chemical

Graham Chas. Chemical Pottery Wks., 986 Met. av, Brooklyn, N. Y.
Weeks Arthur J., Akron, O.

4725—Films (Moving Picture)

See also Moving Picture Machines

American Film Co., 6227 B'way, Chicago, Ill.
Biograph Co., 807 E 175th, New York
Broncho Motion Picture Co., 1476 Broadway, New York
Edison Thomas A., Orange, N. J.
Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.
Famous Players Film Co., 485 5th av, New York
Gaumont Co., Congress av, Bklyn, N. Y.
German-American Cinematograph & Film Co., 219 2d av, New York
Kalem Co., 235 W 23rd, New York
Kansas City Slide Co. (Advertising Cartoons), 1017 Central av, Kansas City, Mo.
Keystone Film Co., 1459 Broadway, New York
Kleine Geo., 63 E Adams, Chicago, Ill.
Lubin Mfg. Co., Indiana & 20th, Phila., Pa.
Miles Bros. (Advtg., Industrial & Educt'l), 1145 Mission, San Francisco, Ill.
Motionscope Co., 107 S Capitol av, Indianapolis, Ind.
N. Y. Motion Picture Corp., 1459 Broadway, New York
Pathe Exchange, 25 W 45th, New York
Power Nicholas Co., 90 Gold, New York
Precision Machine Co., 317 E 34th, New York
Selig Polyscope Co., 3901 Western av, Chicago, Ill.
Thanhouser Film Corp., New Rochelle, N. Y.
Universal Film Mfg. Co., 1600 Broadway, New York
Vitagraph Co. of Am., E 15th, Brooklyn, N. Y.
World Film Corp., 126 W 46th, New York

4725a— Filtcher

Industrial Chemical Co. (Alba Whiting & Super), 200 Fifth av, New York

4725b-c— Filter Mass

Angel H. Reeve & Co., Inc., 7 Spruce, New York
Asbestos Textile Co., 233 B'way, New York
Wentink Mfg. Corp., Menasha, Wis.

Filter Presses

See Presses, Filter.

4725d— Filter Mass (Asbestos)

DANUBIL CO., INC. ("Danubest") (For Chemicals, Acids, etc.), Postal Telegraph bldg, New York

Filter Sacks

See Bags, Filters

4725e— Filtering Materials

Angel H. Reeve & Co., Inc., 7 Spruce, New York
Celite Products Co. ("Filter-Cel" Compound), 11 B'way, New York
Filtrine Mfg. Co. ("K"), 53 Lexington, Brooklyn, N. J.

4726—Filtering & Purifying Plants Installed

See also Water Softening & Purifying Apparatus

American-Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
Boston Filter Co. ("Boston"), Chelsea, Mass.
Bowser S. F. & Co. (Oil), Ft. Wayne, Ind.
Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
GRAVER CORP., E Chicago, Ind.
See adv index at end of book
Hammond Engineering Co. (Water, Sewages, etc), Warren, Pa.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. ("Wilson"), Florence, Mass.
Pittsbrugh Filter & Engng. Co., 619H Farmers' Bank bldg, Pittsburgh, Pa.
Richmond Water Softener Co. ("Fetta" Hot or Cold Process), Richmond, Ind.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. ("Scaife" & "We-Fu-Go" Systems), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co., ("Tripure"), Hampton, N. J.

4726a Filters

Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
General Filtration Co., Rochester, N. Y.

4727—Filters (Acetylene Gas)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Western Brass Mfg. Works, Marshall bl & W 21st, Chicago, Ill.

4728— Filters (Air)

Eclipse Air Brush Co., 79 Orange, Newark, N. J.
Griscom-Russell Co. (Aerating "Reilly"), 92 West, New York
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

4729— Filters (Ale & Beer)

Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.
Loew Mfg. Co. ("Loew"), 9100 Madison av N. W, Cleveland, O.
Zahm Mfg. Co., 79 E Jewett av, Buffalo, N. Y.

4729a— Filters (Automatic)

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York

4730— Filters (Bag)

American Felt Co., 100 Summer, Boston, Mass.
Buffalo Foundry & Machine Co., Buffalo, Mass. *See adv index at end of book*
Conklin H. R., Joplin, Mo.
N. Y. *See adv index at end of book*
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Murphy John H. Iron Works, 643 Magazine, New Orleans, La.
Squier Geo. L. Mfg. Co. (Sand), B'way & Mortimer, Buffalo, N. Y.

4731— Filters (Bone Black)

Buffalo Fdy. & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Scaife Wm. B. & Sons Co., 1st Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

4732—Filters (Carbon, For Gas Works)

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York

4733— Filters (Charcoal)

Hygeia Filter Co., 338 Denton, Detroit, Mich.
Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Pittsburgh Filter & Engng. Co., 619H Farmers Bank bldg, Pittsburgh, Pa.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. (Combination Charcoal & Sand), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
Triumph Ice Machine Co., Oakley, Cincinnati, O.

4734— Filters (Clarifying)

Industrial Filtration Corp., 115 B'way, New York
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Merrill Metallurgical Co. ("Merrill" Sluicing), 121 2d, San Francisco, Cal.
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York

4735— Filters (Concentrate)

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York

Filters (Cyanide)

See Filters, Slime

4735a— Filters (Dewatering)

Industrial Filtration Corp., 115 B'way, New York
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 33 W 42d, New York

4736— Filters (Faucet)

Champion Hardware Co. ("Champion," Germ Proof), Geneva, O.
Haydenville Co., Haydenville, Mass.
Houchin Thos. W. Co. ("Houchin," Reversible), 36 E 12th, New York
Hygeia Filter Co., 338 Denton, Detroit, Mich.
Jones Mfg. Co., 243 Franklin, Boston, Mass.
Landers, Frary & Clark ("Crown"), New Britain, Conn.
Loeber Hy G. Co., 151 E 126th, New York
Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
Seed Filter & Mfg. Co. ("Hygienic"), 73 Franklin, New York
Union Filter & Novelty Co. ("Pur-o-tis"), 73 Franklin, New York

4737— Filters (Feed Water)

See also Water Softening & Purifying Plants

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
American Mfg. Co., Dayton, Ohio
American Steam Gauge & Valve Mfg. Co. ("American"), 208 Camden, Boston, Mass.
American-Water Softener Co. ("American), 10th & Chestnut, Phila., Pa.
Blackburn-Smith Corp., 109 W 40th, New York
Elliott B. K. Company, 126 6th, Pittsburgh, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
General Engineering Co., 717 S Front, Phila., Pa.
Graver Corp., E Chicago, Ind.
See adv index at end of book
GRISCOM-RUSSELL CO. ("Reilly Multiscreen" Feed Water Filter & Grease Extractor), 92 West, New York
See adv index at end of book

G. R. MULTISCREEN FILTER



A mechanical filter for cleansing boiler feed water of oil or other impurities in suspension.

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92 West Street New York



Hygeia Filter Co., 338 Denton, Detroit, Mich.
Keystone Chemical Co., 2222 N Marshall, Phila., Pa.
Loomis-Manning Filter Mfg. Co., 37th & Reed, Phila., Pa
McNally Robt. J., 5618 Germantown av, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. ("Wilson"), Florence, Mass.
Pittsburgh Filter & Engng. Co., 619H Farmers Bank bldg, Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.

FILTERS (FEED WATER)—continued
Red Cross Filter Co., 186 W Washington, Chicago, Ill.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
Ross Valve Mfg. Co. **("Railton-Campbell"), 9 Oakwood av, Troy, N. Y.**
Row & Davis, Engnrs., Inc. ("R. & D."), 90 West, New York
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co., Hampton, N. J.

4738— Filters (Gasoline)

American Oil Pump & Tank Co. ("American"), Finlay & Dalton, Cincinnati, O.
Bowser S. F. & Co., Fort Wayne, Ind.
Entorf Filter Co., Amboy, Ill.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Tokheim, John J. Co., Cedar Rapids, Ia.

4739—Filters (Gravity & Pressure)

Boston Filter Co. ("Boston"), Chelsea, Mass.
Cummings Filter Co. (Pressure Only), 2701 Liberty av, Pittsburgh, Pa.
Field Force Pump Co. ("Carter's" Pressure Only), Elmira, N. Y.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Loomis-Manning Filter Distributing Co. (Pressure Only), 1421 S 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. ("Wilson"), Florence, Mass.
Pittsburgh Filter & Engng. Co., 619H Farmers' Bank bldg, Pittsburgh, Pa.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4739a— Filters (Industrial)

Boston Filter Co. ("Boston" Ice Making), Chelsea, Mass.
Dover Boiler Works; Sales Office, 40 Church, New York; Works, Dover, N. J. *See adv index at end of book*
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York
Scaife Wm. B. & Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

4740— Filters (Mash)

Freund H. H. ("S. B. & B."), 7 W 45th, New York

4741—Filters (Mechanical, Sugar)

Dyer Co., 2031 Euclid av, Cleveland, O.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Joubert & Goslin Mach. & Fdy. Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Krajewski-Pesant Corp., 50 Broad, New York
Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42d, New York
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Shriver T. & Co., Harrison, N. J.
Stearns-Roger Mfg. Co., Denver, Colo.
Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.

4742— Filters (Oil)

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
Akron Belting Co. ("Krotz"), Akron, O.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
see aav index at end of book
Bayer Steam Soot Blower Co., St. Louis, Mo.
Blaw-Knox Co., Freeport rd, Hoboken, N. J.
Bousman Mfg. Co., Grand Rapids, Mich.
Bowser S. F. & Co., Fort Wayne, Ind.
Burke Furnace Co. ("Burke"), 320 E Water, Chicago, Ill.
Burt Mfg. Co., The ("Cross," "Warden," "American," "Burt"), 40 Main, Akron, O.
Canton Grate Co. ("Canton"), Canton, O.
Chesterton A. W. Co. ("Chesterton") 64 India, Boston, Mass.
Collins Mfg. Co., Ltd. ("Dixie" Automatic Oiling System), 612 Chestnut, Phila., Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbiana Boiler Co., Columbiana, O.
Day Co. ("Bryant" Automatic), 1004 Lyndale, Minneapolis, Minn.
De Laval Steam Turbine Co. (Centrifugal), E. Trenton, N. J.
See adv index at end of book
Elliott B. K. Co. ("Liberty"), 126 6th, Pittsburgh, Pa.
Elmes Chas. F. Engineering Works (Hydraulic), Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Entorf Filter Co., Amboy, Ill.
Famous Filter Co., 308 N Commercial, St. Louis, Mo.
Flower Walter L. Co. ("Acme"), 307 S 8th, St. Louis, Mo.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Gallaway G. W. ("Economy"), 322 Pearl New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hall Mfg. Co. ("Hall," "Bartow Duplex," for Waste Oil), Harrison, N. J.
Handlan-Buck Mfg. Co. ("Superior"), 210-14 N 3rd, St. Louis, Mo.
Houghton E. F. & Co. (The "Houghton"), 240 W Somerset, Phila., Pa.
Hunt E. J. Mfg. Co. (For Transformers), Ordway bldg, Newark, N. J.
Huyette Paul B. Co. ("White Star"), 5H S 18th, Phila., Pa.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
Northrop Lubricating Oil Co. ("Famous"), 308 N Commercial av, St. Louis, Mo.
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Nusbaum F. A. ("Columbus"), 219 Ruffner, Lockland, O.
OIL & WASTE SAVING MACHINE CO. (Turbine Centrifugal), Real Estate Trust bldg, Phila., Pa.
See adv index at end of book

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.
Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

Packer John H., Liberty, Mo.
Pittsburgh Gage & Supply Co., 30th & Liberty, Pittsburgh, Pa.
Pittsburgh Sheet Metal Co., S 20th & Wharton, Pittsburgh, Pa.
Reeves Bros. Co., Alliance, Ohio
See adv index at end of book
Richardson-Phenix Co. ("R. P." Power Plant & Small Hand), 131 2nd, Milwaukee, Wis.
Sexton Can Co. ("Sexton's" Improved), 123 Broad, Boston, Mass.
Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
Spaulding & Metcalf ("American" Automatic), 532H Arch, Phila., Pa.
Turner Oil Filter Co. ("Turner"), Niles, Mich.
United Filters Corp. (The "Ten Winkel" Oil & Water Filter & Extractor), Felt bldg, Salt Lake City, Utah
Western Blower Co., 1800 9th av, Seattle, Wash.
Wieben John Co., 2051 Lexington av, New York
Wisconsin Foundry & Machine Co. ("Badger"), Madison, Wis.
Wright-Austin Co., 97 Woodbridge, W Detroit, Mich.

Filters (Oil, from Metal Chips)

See Separators, Centrifugal

4743— Filters (Oil Refiners')

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.

Filters (Pressure)

See Filters, Gravity & Pressure

4743a— Filters (Pulp)

Lungwitz Emil E., 90 West, New York
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.
U. S. Bottlers Machinery Co. ("U. S." for Liquids), 2511 Park av, Chicago, Ill.

4744— Filters (Rain Water)

Boston Filter Co. ("Boston"), Chelsea, Mass.

4744a— *Filters (Salt)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4745— Filters (Sand)

American-Water Softener Co., 10th & Chestnut, Phila., Pa.
Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, Ohio
Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. ("Wilson"), Florence, Mass.
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 W 42nd, New York
Pittsburgh Filter & Engng. Co., 619H Farmers Bank bldg, Pittsburgh, Pa.
Remmers B. & Sons (Automatic, for Sugar, Glucose & Chemical Liquors, etc.), 1227 Germantown, Philadelphia, Pa.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4746— Filters (Slime)

Chalmers-Williams Mfg. Co. ("Burt" Rapid & Revolving Cyanide Filters), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Portland"), Denver, Colo.
General Filtration Co., Rochester, N. Y.
Glamorgan Pipe & Foundry Co. (Continuous Rotary Vacuum), Lynchburg, Va.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Moore Filter Co. ("Moore," Displacement Process), 50 E 42nd, New York
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., and 33 W 42nd, New York
Taylor Fdry & Engng. Co. (Vacuum), Grass Valley, Cal.

4746a— Filters (Suction)

General Ceramics Co. (Stoneware), 50 Church, New York
Industrial Filter Corp. (Rotary), 115 B'way, New York
Knight Maurice A. (Stoneware), Akron, Ohio
Oliver Continuous Filter Co. (Rotary), 503 Market, San Francisco, Cal.
United Filters Corp. (Rotary), 36 Flatbush av, B'klyn, N. Y.

4747— Filters (Tea & Coffee)

Craw Wm. N. Mfg. Co., South Norwalk, Conn.
Hamblin & Russell Mfg. Co. ("Triumph"), Worcester, Mass.
Silex Co. ("Silex"), 45 High, Boston, Mass.

4748— Filters (Tripoli)

Federal Filter Co. ("National"), 1364 Grand av, Chicago, Ill.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Seneca Tripoli Co. ("Seneca Standard," "Syphon Filters," Plug & Drip Filter Stones), Pierce bldg, St. Louis, Mo.

Filters (Vacuum)

See Filters, Slime

4748a— Filters (Washing)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Industrial Filtration Corp., 115 B'way, New York
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.

Filters (Waste Oil)

See Filters, Oil

4749— Filters (Water)

See also Filters, Feed Water

Albright Aerating Filter Co. (Cistern), Muncie, Ind.
Allen Filter Co., Toledo, O.
American Filter Co. ("Noxall"), 665 Buffum, Milwaukee, Wis.
American Sterilizer Co., Erie, Pa.
American-Water Softener Co., 10th & Chestnut, Phila., Pa.
Atlantic Filter Co. ("Paddock"), Marine Nat'l Bank bldg, Buffalo, N. Y.
Berkefeld Filter Co. (A. Giese), 4 Cedar, New York
Bishop & Babcock Co. ("Eureka"), 1204 E 55th, Cleveland, O.
Boston Filter Co. ("Boston" Water Purifier), Chelsea, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Buhring Water Purifying Co., 68 Murray, New York
Butler Mfg. Co., Kansas City, Mo.

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Cleveland Stamping & Tool Co. (Enameled), E 53rd & Hamilton, Cleveland, O.
Colles Heater & Specialty Co., 14 E Jackson blvd, Chicago, Ill.
Consolidated Filters Co., 136 W 65th, New York
Cummings Filter Co. (Bone Black Only), 2701 Liberty av, Pittsburgh, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
Everson Filter Co. ("Everson," "Double Service," "Leader," "Bone Black," "Quartz," "Piritan," "Granular," "Michigan," "Erie"), 70 W Lake, Chicago, Ill.
Federal Filter Co. ("National"), 1364 Grand av, Chicago, Ill.
Field David W., Builders' Exchange, Phila., Pa.
Filtrine Mfg. Co. ("K."), 53 Lexington, B'klyn, N. Y.
Fulper Pottery Co. (Portable Natural Stone, Germ Proof), Flemington, N. J.
General Engineering Co., 717 S Front, Phila., Pa.
Goade Water Filter & Purifier Mfg. Co., Allentown, Pa.
Graver Wm. Tank Works, E Chicago, Ind.
See adv index at end of book
Griscom-Russell Co. ("Reilly" Aerating Charcoal), 92 West, New York
See adv index at end of book
Hungerford & Terry (Inc.) (Hungerford" Filters for Mills), Penna. bldg, Phila., Pa.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Imperial Filter Mfg. Co., 1010 Olive, St. Louis, Mo.
Jones Mfg. Co. ("Croton," "Model 1," "Model 2," "No Splash," "Gem," "Hub," "Modern," "Mystic"), 243 Franklin, Boston, Mass.
Joslyn Filter Co., 63 5th av, New York
Knoble Filter Co., 1587 Clybourn av, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Loomis-Manning Filter Distributing Co. ("Federal," "Manhattan" & "Loomis Manning"), 1421 S 37th, Phila., Pa.
Moore & White Co. ("Fullner" for Paper & Pulp Mills), N 15th & Lehigh av, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. ("Wilson" Filters for Houses, Mills & Cities), Florence, Mass.
Pittsburgh Filter & Engng. Co., 619H Farmers Bank bldg, Pittsburgh, Pa.
Progressive Iron Foundry & Machine Co. ("Purity"), Haydenville, Mass.
Rapid Safety Filter Co., 92 Pine, New York
Reisert Automatic Water Purifying Co., 23 E 26th, New York
Rex Filter Co., 162 William, New York
Roberts Filter Mfg. Co. (For Every Purpose), 6th & Columbia av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. (For Dwellings, Hotels, Hospitals, etc.), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Union Filter & Novelty Co. ("Disc Felt, Neptune"), 73 Franklin, New York
United Filters Corp., Felt bldg, Salt Lake City, Utah
Watson N. A., Erie, Pa.
Welsh Wm. ("Star"), 2733 Arbor av, Hyde Pk., Cincinnati, O.
Wetherill R. & Co. (For Water Works), Chester, Pa.
Zurn J. A. Mfg. Co. ("Tripoli," "Advance"), Dept. H, Erie, Pa.

4750-1—Filters (Water, Portable)

Aquapura Filter Mfg. Co., St. Louis, Mo.
Boston Filter Co. ("Boston"), Chelsea, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Deane E. L. Machine Co. ("Wilson" House), Holyoke, Mass.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
Linke T. ("Acorn," "Advance," Stone Tub Pressure), 235 W 46th, New York

Filters (Water, Small for Faucet)

See Filters, Faucet

4752— Finders (Center)

Goodell-Pratt Co., Greenfield, Mass.
West Haven Mfg. Co. ("Sure"), West Haven, Conn.

4753— Finders (Trouble)

American Electric Co. ("Sonoscope"), 6401 S State, Chicago, Ill.
Baylis Co. (Locophone), Bloomfield, N. J.
Pilling G. P. & Son Co. ("Phonedoscope"), 23d & Arch, Phila., Pa

4753a— Findings (Shoe)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Fabricoid Div. ("Fabrikoid"), Wilmington, Del.
See adv index at end of book

4754— Finger Cots (Rubber)

Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Dunbar Mfg. Co., South River, N. J.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Miller Rubber Co., Akron, O.
Parker-Stearns & Co. (Pure Para), 286 Sheffield av, Brooklyn, N. Y.
Realty Rubber Co., Massillon, O.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

4755-6-7—Fingers (Controller)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Eureka Co., North East, Pa.

4758— Fire Clay

Acme Fire Clay Works (Flake & Dust), New Cumberland, W. Va.
American Fire Brick Co. (Ground), Spokane, Wash.
American Fire Clay Co., Am. Trust bldg, Cleveland, O.
Ancho Brick Co., Ancho, New Mexico
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Ayers Mineral Co., Zanesville, O.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Terra Cotta Works (Ground & in Bulk), 1300 Covington, Baltimore, Md.
Bannon P. Pipe Co. (Ground), Louisville, Ky.
Berry James E., Woodbridge, N. J.
Bickford Fire Brick Co. (In Bulk or Sacks), Curwensville, Pa.
Big Savage Fire Brick Co. (Ground & Screened), Frostburg, Md.
Borgner Cyrus Co., 234 N 23d, Phila., Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Buckeye Fireclay Co. (Ground, etc.), Uhrichsville, O.
Cameron Clay Products Co., Cameron, Pa.
Cannelton Sewer Pipe Co. (Ground in Bags), Cannelton, Ind.
Catlin R. H. Co. (Powdered), Wilmington, Del.

FIRE CLAY—continued
C. & B. Clay Co., Canton, O.
Chambers A. Reeder (Pulv.), Trenton, N. J.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill. *See adv index at end of book*
Chicago Retort & Fire Brick Co., Ottawa, Chicago, Ill.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Claycraft Mining & Brick Co., Hartman bldg, Columbus, O.
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Fire Clay Co., Denver, Col.
Diamond Fire Brick Co. (Ground), Canon City, Colo.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Didier-March Co., Perth Amboy, N. J.
Dover Fire Brick Co., Cuyahoga bldg, Cleveland, O.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Edgar Bros. Co., Metuchen, N. J.
Elgin Butler Brick & Tile Co. (Pressed), Austin, Texas
Excelsior Ball Clay Co., Cincinnati, O.
Excelsior Fire Clay Co., Lisbon, O.
Farber Clay & Mining Co., Farber, Mo.
Federal Clay Product Co., Mineral City, O.
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Fuerst Bros. & Co., 2 Stone, New York
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
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Gill Clay Pot Co., Muncie, Ind.
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Highlands Fire Clay Co., Mackind & Berthold av, St. Louis, Mo.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
Illinois Clay Products Co., Ogiesby, Ill.
Illinois Kaolin Co., Anna, Ill.
Interstate Fire Clay Co., Citizens bldg, Cleveland, O.
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
Kiamensi Clay Co. (Also Ground Clay), Wilmington, Del.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
La Clede-Christy Clay Products Co., Railway Ex. bldg, St. Louis, Mo.
Leisen John H., Woodbridge, N. J.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
McCormick J. S. Co. (Welsh Mountain), 25th & A. V. R. R., Pittsburgh, Pa.
McHose L. H., Perth Amboy, N. J.
McLeod & Henry Co. (Back Combustion Chamber Arch), 360 1st, Troy, N. Y.
Mack Mfg. Co., Lincoln bldg, Phila., Pa.
Massillon Stone & Fire Brick Co., Massillon, O.
Maurer Henry & Son (Ground & in Bulk), 420 E 23d, New York
Missouri Fire Brick Co., Security bldg, St. Louis, Mo.
Mount Cherry Coal Co., 8 E Long, Columbus, O.
Mutton Hollow Fire Brick Co. (Ground), Woodbridge, N. J.
National Clay Refining Co. ("Shamrock"), 430 Walnut, Phila., Pa.
National Sales Co., 31 E 13th, Cincinnati, Ohio
Negley Clay Co., Negley, O.
Nelsonville Brick Co. (Ground), Nelsonville, O.
Ohio Fire Brick Co., Oak Hill, O.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Ostrander Fire Brick Co., Troy, N. Y.
Peekskill Fire Brick Works, Peekskill, N. Y.
Penna Fire Brick Co., Beech Creek, Pa.
Phila. Fire Brick Works, 2306 Vine, Phila., Pa.
Presbrey Stove Lining Co., Taunton, Mass.
Products Development Co., Sharon bldg, San Francisco, Cal.
Raritan Ridge Clay Co., Metuchen, N. J.
Reeve, Augustus, Camden, N. J.
Robinson Clay Product Co. (Ground), Akron, O.
Rockcastle Cement & Lime Co., Munsey bldg, Baltimore, Md.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Savannah Kaolin Co., Savannah, Ga.
Smith A. F. Co., New Brighton, Pa.
Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill. Works: Mt. Silica, Ind.
Springfield Facing Co., Springfield, Mass. *See adv index at end of book*
Stevens H. Sons Co. (Milled), Macon, Ga.
Stratton Fire Clay Co., Empire, O.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
Tri Pottery Co. (Ground), Evansville, Ind.
Union Mining Co. of Alleghany County, Mount Savage, Md.
Utica Fire Brick & Clay Co. ("Utica" Ground & Crude Steel Fire Clay), Utica, Ill.
Walsh Fire Clay Products Co., 4070 Main, St. Louis, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Washington Brick, Lime & Sewer Pipe Co. (Milled & Screened), Spokane, Wash.
West Virginia Fire Clay Mfg. Co. (Ground Flaked or Dust, etc.), Diamond Bank bldg, Pittsburgh, Pa.
Whitehead Bros. Co., 537 W 27th, New York
Winslow & Co., Portland, Me.
Woodbridge Clay Products Co. (Ground & Mortar), Perth Amboy, N. J.

4758a— Fire Department Supplies

American La France Fire Engine Co. Inc., Elmira, N. Y.
Consult Index of Contents for the Particular Article Required; See also Mill & Factory Supplies
Crocker Nat'l Fire Prevention Engineering Co., 22H W 30th, New York
Harris Fire Apparatus Co., 39 E 19th, New York
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Schlangen Bros. Co., 2435 Irving Park Blvd., Chicago, Ill.
Simmons John Co., 110 Centre, New York *See adv index at end of book*

4759—Fire Door Fittings (Automatic)

Allith-Prouty Co. ("Allith" & Prouty"), Danville, Ill.
Aurora Door Hanger & Specialty Co. Aurora, Ill.
Bolles Wm. B., Fastenings, P. O. Box 600M, Milwaukee, Wis. *See adv index at end of book*
California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
COBURN TROLLEY TRACK MFG. CO., ("Coburn"), P. O. Box 127, Holyoke, Mass.
Keystone Fire Door Co. ("Standard"), 1331 Irwin av, Pittsburgh, Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Peters Jas. & Son, 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Shields J. H., 231-33 Sycamore, Cincinnati, O.
Stowell Co. The, S Milwaukee, Wis.
Victor Mfg. Co. ("Victor" Heat Releasing Devices), Newburyport, Mass.

Fire Doors (Automatic)

See Doors, Elevator, Automatic, Fire; also Doors, Fire, Tin Clad & Sheet Metal

4760—Fire Engines (Chemical)

Ajax Fire Engine Works, 882 3d av, Brooklyn, N. Y.
American Fire Apparatus Co., 30 E 42d, New York
AMERICAN LA FRANCE FIRE ENGINE CO. INC., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Badger Fire Extinguisher Co. (40 Gallon on Wheels), 34 Portland, Boston, Mass.
Boyd James & Bro. ("Boyd," "Champion," "Halloway," "Kanawha"), 25th & Wharton, Phila., Pa.
Childs O. J. Co. ("Utica" Copper Tank), Utica, N. Y.
HARKER MFG. CO. ("Queen"), 121-123 W Third, Cincinnati, Ohio *See adv index at end of book*

FIRE ENGINES
Hand Chemical
"Queen" Brand
HARKER MFG. CO.
CINCINNATI, O.

Hayward S. F. & Co. 250 W 54th, New York
Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
Martin Carriage Works (Motor Driven), York, Pa.
National Metal Stamping & Mfg. Co. ("Accurate"), 494 Mulberry, Newark, N. J.
Northern Fire Apparatus Co. ("Northern"), 2422 Univ. av, S E Minneapolis, Minn. *See adv index at end of book*
Obenchain-Boyer Co., Logansport, Ind.
Pirsch Peter & Co. (Hand & Drawn), Kenosha, Wis.
Prospect Mfg. Co. ("Deluge"), Prospect, O. pect, O.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
SAFETY FIRE EXTINGUISHER CO. (Safety), 295 7th av, New York *See adv index at end of book*
Seagrave Co., Columbus, O.
Stempel Fire Extinguisher Mfg. Co., 4268 N 20th, St. Louis, Mo.
Weller Samuel A., Zanesville, O.

4761—Fire Engines (Gasoline)

See also Fire Engines, Motor.

American La France Fire Engine Co., Inc., Elmira, N. Y.

4762— Fire Engines (Hand)

AMERICAN LA FRANCE FIRE ENGINE CO, INC., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Badger Fire Extinguisher Co. (Chemical), 34 Portland, Boston, Mass.
Howe Engine Co., Indianapolis, Ind.
Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
Northern Fire Apparatus Co. ("Chemical"), 2422 Univ. av S. E., Minneapolis, Minn. *See adv index at end of book*
Prospect Mfg. Co. ("Deluge" Hand), Prospect, O.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*

4763— Fire Engines (Motor)

Ahrens-Fox Fire Engine Co. ("Ahrens-Fox"), Cincinnati, O.
American-La France Fire Engine Co., Elmira, N. Y.
American & British Mfg. Co. ("A. & B."), Charles, Providence, R. I.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Atterbury Motor Car Co., Buffalo, N. Y.
Autocar Co., Ardmore, Pa.
Couple Gear Freight Wheel Co., Grand Rapids, Mich.
Empire Art Metal Co., Inc. (Underwriters' Standard Tin Covered), College Point, L. I., N. Y.
Federal Motor Truck Co., Federal & Campbell avs, Detroit, Mich.
Four-Wheel Drive Auto Co., Clintonville, Wis.
Front Drive Motor Co., Hoboken, N. J.
Harder Auto Truck Co., 149 W 62nd, Chicago, Ill.
Howe Engine Co., Indianapolis, Ind.
International Motor Co. ("Mack," "Saurer," "Hewitt"), 262 W 64th, New York
Kissel Motor Car Co., Hartford, Wis.
Lange Motor Truck Co., 145 S St. Claire, Pittsburgh, Pa.
Lippard-Stewart Motor Car Co., Buffalo, N. Y.
Luitwieler Pumping Engine Co. ("Luitwieler" Motor), Rochester, N. Y.
Mais Motor Truck Co., Indianapolis, Ind.
Martin Carriage Works, York, Pa.
Northern Fire Apparatus Co. ("Northern"), 2422 Univ. av, S E, Minneapolis, Minn. *See adv index at end of book*
Peerless Motor Car Co., Quincy av & E 93d, Cleveland, O.
Pirsch Peter & Co., Kenosha, Wis.
Pope Mfg. Co. ("Pope-Hartford"), Hartford, Conn.
Robinson Fire Apparatus Mfg. Co., 4268 N 20th, St. Louis, Mo.
Seagrave Co., Columbus, O.
U. S. Fire Apparatus Co., Wilmington, Del.
Velie Motor Vehicle Co., Moline, Ill.
Waterous Engine Works Co., 62 S Robert, St. Paul, Minn.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

4764— Fire Engines (Steam)

Ahrens-Fox Fire Engine Co. ("Continental"), Cincinnati, O.
Foamite Firefoam Co., 200 5th av, New York
U. S. Lock & Hdwe. Co. (& Auto), Columbia, Pa.

4765— Fire Escapes

See also Iron, Architectural & Ornamental; also classifications following this heading

Chattanooga Roofing & Foundry Co. (Wrought Iron), Dept. H, Chattanooga, Tenn.
Cruickshanks Iron Works Co., Dineen & S. A. L. Rv. Richmond, Va.
Fleck M., 338 E 124th, New York
Fort Pitt Steel & Iron Wks., 302H Fulton bldg, Pittsburgh, Pa.
Halsted Jos. Co., 1223 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Janney & Co., Montgomery, Ala.
LEAKE A. G. ERECTING CO. INC., THE, Ash & Holland av, Bridgeport, Conn.
Mesker Geo. L. & Co., Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Moss J. P. Iron Wks., Wheeling, W. Va.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*



Fire Protection

SAFETY FIRE BUCKET TANK
SAFETY FIRE EXTINGUISHER
SAFETY ONE QUART EXTINGUISHER

Chemical Engines, Underwriters' Fire Hose, Watchman's Clocks, Waste Cans, Gasolene Cans, Signs—All Approved Fire Appliances,

Bearing Label Underwriters' Laboratories, Inc.

The Safety Fire Extinguisher Co.

Established 1892 295 Seventh Ave., New York



Remppis W. F. Iron Works, 226 Spruce, Reading, Pa.
Rieseck Iron Works, 1201 Metropolitan, Pittsburgh, Pa.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Scranton Iron & Steel Co., Scranton, Pa.
Smith A. L. Iron Co., Dept. H, Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smith L. Iron & Steel Co., Jacksonville, Fla.
Standard Fire Escape Co., 166 N May, Chicago, Ill.
Taylor & Dean, 2438H Penn av, Pittsburgh, Pa.
United Iron Wks., Kansas City, Mo.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wis. Iron & Wire Works (Steel), 1660 Booth, Milwaukee, Wis.

4766—Fire Escapes (Automatic)

Davy Automatic Fire Escape Co., 117 W Taylor, Syracuse, N. Y.
Hayward S. F. & Co. ("Mumford"), 250 W 54th, New York
Potts Mfg. Co., Mechanicsburg, Pa.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
Roanoke Iron Works, Roanoke, Va.
Scranton Iron & Steel Co., Scranton, Pa.

4767— Fire Escapes (Chute)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Scranton Iron & Steel Co., Scranton, Pa.

4768—Fire Escapes (Counterbalance)

Bielhen Foundry & Machine Works, St. Joseph, Mo.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Halsted Jos. Co., 1223 W Randolph, Chicago, Ill.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Mid-West Iron Works, Omaha, Neb.
Potts Mfg. Co., Mechanicsburg, Pa.
Progressive Structural Steel Co., Buffalo, N. Y.
Roanoke Iron Works, Roanoke, Va.
Scranton Iron & Steel Co., Scranton, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
U. S. Fire Escape Counterbalance Co., 177 W Washington, Chicago, Ill.

4769—Fire Escapes (Portable)

American Fire Apparatus Co. (Chain Ladders), 30 E 42d, New York
Hamblin & Russell Mfg. Co. ("Lodewick's" Steel, Non-Combustible), Worcester, Mass.
Hayward S. F. & Co. ("Wilson"), 250 W 54th, New York
McArthur Portable Fire Escape Co. ("McArthur"), Cleveland, O.
Neal B. B. Hardware Co. ("Life Saving"), 117 Leonard, New York
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Scranton Iron & Steel Co., Scranton, Pa.

4770— Fire Escapes (Rope)

Rex-Harris Fire Appliance Co. (Wire Rope), 310 W 39th, New York
Rope Fire Escape Co., 1626 Market, Phila., Pa.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Whitner Two Rope Safety Co., 439 S Clark, Chicago, Ill.

4771—Fire Escapes (Spiral)

Alvey Ferguson Co., 70 North av, Oakley, Cincinnati, O
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Burr Co., Champaign, Ill.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Dow Wire & Iron Works ("Kirker-Bender"), Louisville, Ky.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Loewer John E. Co., Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Richmond Structural Steel Co. (Cast Iron), 18th & Dock, Richmond, Va.
Roanoke Iron Works, Roanoke, Va.
Scranton Iron & Steel Co., Scranton, Pa.

4772— Fire Escapes (Stairway)

Griffith Geo. J., Johnstown, Pa.
Halsted Jos. Co., 1223 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works ("Hanke"), 800 N Albany av, Chciago, Ill.
Mack Iron & Wire Wks., Sandusky, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*
Scranton Iron & Steel Co., Scranton, Pa.
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

4773— Fire Extinguishers

See also Sprinklers, Automatic Fire; also Grenades, Hand

CALIFORNIA.

SAN FRANCISCO—Badger Fire Extinguisher Co., 440 Howard
Goodyear Rubber Co. ("Gold Seal"), 539 Mission *See adv index at end of book*
Gorham Fire Apparatus Co., 127 Mission.
Pacific Fire Extinguisher Co., 507 Montgomery
Western Fire Appliance Co., 51 2nd

CONNECTICUT.

NORWICH—Phoenix Fire Extinguisher Co.
YALESVILLE—Yale C. J. Mfg. Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Howard H. J. N. Mfg. Co. 10 Pierce *See adv index at end of book*

ILLINOIS.

CHICAGO—Allen W. D. Mfg. Co. ("Allenco," "Nella"), 566 W Lake *See adv index at end of book*

FIRE PROTECTION APPLIANCES

Underwriters' unlined linen hose, racks, reels and playpipes. Fire protection equipment is one of our specialties. Buildings in cities from coast to coast are equipped with Allen's devices. Write for details of our service.

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566-570 WEST LAKE STREET,
CHICAGO, ILL.

Armstrong & Co., 544 W Washington blvd
Diener Geo. W. Mfg. Co. (Chemicals), 400 Monticello av
Firex Mfg. Co., 2039 S Morgan
Justrite Mfg. Co. ("Justrite"), 2061 Southport av
McMorran Edw. E. & Co., 126 N Union
Miller Chemical Engine Co., 839 Larrabee
Niagara Fire Extinguisher Co., 209 S La Salle
Treadwell M. H. Co. of Ill. ("Erwin"), 208 S La Salle

INDIANA.

BUTLER—Craun Bros.
RAYS CROSSING—Gordon Orville E. ("Gordon")

KANSAS.

EL DORADO—Gaylord Sanitary Mfg. Co. ("Always-Ready" for Automobiles")
KANSAS CITY—Anderson Coupling & Fire Supply Co.

MASSACHUSETTS.

BOSTON—Badger Fire Extinguisher Co., 34 Portland
Barnes Henry K. Co. ("Fire King" Chemical), 234 Devonshire
Callahan Cornelius Co., 127 Purchase
Knight & Thomas ("Underwriters," "Railway & Marine," "Safe Guard," "Vulcan," "Home Guard," "Fire Warden"), 212 Summer
Standard Extinguisher Co., 24 Binford
LAWRENCE—Kress O. F. & Son

MINNESOTA.

MINNEAPOLIS — Northern Fire Apparatus Co. ("Atlas," "Northern"), 2422 Univ. av, S E *See adv index at end of book*

MISSOURI.

KANSAS CITY—Prier Brass Mfg. Co.
ST. LOUIS—General Mfg. Co., 1804 Pine, St. Louis, Mo.
Missouri Lamp & Mfg. Co. ("Acme," "Royal," "Phoenix," "Missouri," "U. S.," "Rex"), 114 Elm
Ono Trezo Fire Extinguisher Mfg. Co., 214-216 S 17th
Robinson Fire Apparatus Mfg. Co., 4268H N 20th
St. Gemme Frank Fire Apparatus Co.
Stempel Fire Extinguisher Mfg. Co. ("Aaron"), 4268H N 20th

NEW JERSEY.

NEWARK—Landau Henry W., 104J Railroad av, Newark, N. J.
NEWARK—National Metal Stamping & Mfg. Co. ("Accurate," also "Marten" for Automobiles & Motor Boats, etc), 494 Mulberry
Roe & Conver, 206 Frelinghuysen av
TRENTON—Hunt Jas. B. Mfg. Co.

NEW YORK.

BUFFALO—Buffalo Chemical Fire Extinguisher Co., 67 Carroll
Dusing & Hunt, 386 Michigan av
Western Inspection Co.
ELMIRA—**AMERICAN LA FRANCE FIRE ENGINE CO. INC.** ("Salvage," "Patrol")

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—American Fire Apparatus Co., 30 E 42d
Badger Fire Extinguisher Co., 123 William

FIRE EXTINGUISHERS—continued
NEW YORK CITY—continued

Columbia Fire Extinguisher Co., 174 Centre
Coston Signal Co., 24 Water
Diggs D. W., 156 B'way
Fyro Extinguisher Co., Syracuse, N. Y.
Fire Gun Mfg. Co., Inc. ("Fire Gun"), 115 4th av
Foamite Firefoam Co., 200 5th av
Fox Bros. & Co. (Locomotive), 126 Lafayette, New York
Fyricide Mfg. Co., 74 W 85th
Harris Fire Apparatus Co., 39 E 19th
Hayward S. F. & Co. ("Babcock," "Patrol," "Champion," "Liquid Seal" & "Rescue," Chemical; also Hand Grenades), 250 W 54th
Johns-Manville Inc. ("Success" Non-Freezing, also Fire Protective Devices), Madison av & 41st
New York Brass Fdry. Co., 403 Broome
Rex Harris Fire Appliance Co., 310 W 39th
SAFETY FIRE EXTINGUISHER CO. ("Safety" Two & Half Gallons & One Quart, 295 7th av
See adv index at end of book
Simmons John Co. ("Jossice"), 110 Centre *See adv index at end of book*
ROCHESTER—Home Chemical Co., 107 Adams
Kahnweiler's David Sons ("Simplex"), 260 Front
Minwax Co. (Chemical), 18 E 41st
Pine
Pyrene Mfg. Co. ("Pyrene"), 52 Vanderbilt av
Rapid Safety Fire Exting. Co., 92 Pine
Relc Extinguisher Corp. of America, 52 Vanderbilt
Rex-Harris Fire Appliance Co., 39 E 19th
Safety Fire Extinguisher Co. ("Quick-Out"), 291 7th av
Simmons John Co., 110 Centre
Toamete Fire Extinguisher Co., 200 5th av
UTICA—Childs O. J. Co. ("Child's," "Utica," Hand, etc.)

OHIO.

CINCINNATI—Harker Mfg. Co. ("Queen," "Safety First" Chemical, also Dry Powder), 121-123 W Third
See adv index at end of book

FIRE EXTINGUISHERS
Hand Chemical Soda and Acid.
3 Gallon Capacity. Tetra Chloride
Pump, Gun Type. "Queen Brand"
HARKER MFG. CO.
CINCINNATI, O.

Thompson Walter M., 1427 Plum
COLUMBUS—Nu-Ex Fire Appliance Co.
DAYTON—Fyr-Fyter Co.
Larkin Mfg. Co. ("Larkin")
MARIETTA—Northwestern Chemical Co. ("Fire Fly" Dry Powder)

PENNSYLVANIA.

PHILADELPHIA—Boyd Jas. & Bro. ("Keystone" & "Paragon"), 25th & Wharton
Castle Jas. M., Inc., Lincoln bldg
Clay Jno. H., 1320 Ridge av
Globe Automatic Sprinkler Co. ("Globe" Chemical, Two One Gal. & One Qt.), 2035 Washington av
National Inspection Co. ("Bradford"), 1617 Sansom
Snyder M. L. & Son ("Arrow," "Pan American," "Electric," "Standard"), 223 Church
PITTSBURGH—**COLONIAL SUPPLY CO.**, 217 Water
See adv index at end of book
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Johns H. W.-Manville Co., 951 Liberty
Pittsburgh Lamp, Brass & Glass Co. ("Pilabrasco"), 130 7th

WASHINGTON.

SPOKANE—Pacific Fire Extinguisher Co.

WISCONSIN.

MILWAUKEE—Badger Chemical Mfg. Co. ("Mitchell" Dry Powder, "Wisconsin," "Auto" Liquid Chemical), 221 Grand
Erwin Mfg. Co. ("Firefoam"), Montgomery bldg.
RACINE—Racine Iron & Wire Works (Chemical)

4774-5—Fire Extinguishers (Steam)

See also Sprinklers, Automatic Fire

Childs O. J. Co., Utica, N. Y.
Nathan Mfg. Co. (For Locomotives, etc), 416 E 106th, New York

4776— Fire Hose Shut Off

Pirsch Peter & Co ("Pirsch"), Kenosha, Wis.
Rowell D. G. ("Samson" Automatic), Appleton, Wis.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*

4777—Fire-Place Furnishings Mfrs.

See also Andirons, Fenders & Grates

Arnold & North 124 E 41st, New York
Backus Heater & Foundry Co. ("Backus" Heaters, Andirons, Fenders, etc), 63 Canal, Boston, Mass.
Bassill Louis Co. (Brass Andirons, Fenders, etc), 100 Utica, Boston, Mass.
Biddle-Gaumer Co. (Wrought Iron), 3346 Lancaster av, Phila., Pa.
Boston Brass Andiron Co. (Andirons, Fire Sets & Fenders), 104 Utica, Boston, Mass.
Bradley & Hubbard Mfg. Co. (Andirons, Fenders, Fire Sets, etc), Meriden, Conn.
Bridgeford & Co. (Fancy Grates & Furnishings), Louisville, Ky.
Chattanooga Roofing & Fdry. Co. ("Cahill" Grates & Fixtures), Chattanooga, Tenn.
Colonial Fire Place Co., 4631 W 12th, Chicago, Ill.
COVERT H. W. CO., 137 E 46th, New York
Dawson Bros., 523 N Halsted, Chicago, Ill.
Dighton Foundry Co. (Grates & Iron, etc), Taunton, Mass.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eisenberg M. & Son, 165 Grand, New York
Fanner Mfg. Co. ("Arctic," Fire Sets, Fire Dogs, Grates, etc), Cleveland, O.
Graf Frank H. Mfg. Co. (Brass, Bronze & Black Iron), 322 7th av, New York
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Howes S. M. Co. (Fire Sets, Basket Grates, Fireplace Screens, etc), 42 Union, Boston, Mass.
JACKSON EDWIN A. & BRO., INC. (Andirons, Fenders, etc), 50 Beekman, New York *See adv index at end of book*
Jackson Wm. H. Company (Fire Screens, Fenders, Fire Sets, etc, Brass & Iron), 2 W 47th, New York
Jackson's Mantel & Grate Works, 2 W 33rd, New York
Janusch Mfg. Co. (Brass, Bronze, etc), 496 E 134th, New York
Jardine Walter S. & Sons Co. (Iron Lining), 29 Central, Arlington Heights, Mass.
Lodge Mfg. Co. (Andirons, etc), South Pittsburgh, Tenn.
Lorenzen Chas. F. & Co., 521 W Monroe, Chicago, Ill.
McKenny & Waterbury Co. (Andirons, Fenders, Fire Sets, etc), 181 Franklin, Boston, Mass.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Ohio Foundry & Mfg. Co. (Grates, etc), Steubenville, O.
Peerless Mfg. Co. (Grates, Fire Seats, etc), Louisville, Ky.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Rostand Mfg. Co. (Full Line "Rostand"), Milford, Conn.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co. (Screens, etc), New Haven, Conn.
Stover Mfg. & Engine Co. (Screens), Freeport, Ill.
Syracuse Wire Works (Spark Guards), 101 University av, Syracuse, N. Y.
Tiffany Studios, 361 Madison av, New York

Fire Pots

See Pots, Fire

4778— Fire-Proof Constructors

See also Concrete Steel Construction, Reinforced
A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
Almon Engineering & Contracting Co., 25 Church, New York
Bruner P. M. Granitoid Co., Frisco bldg, St. Louis, Mo.
Celite Products Co., Van Nuys bldg, Los Angeles, Cal.
Drehmann Paving Co. (Concrete Floors, etc), 2629 Parrish, Phila., Pa.
General Fireproofing Co. (Building Material), Youngstown, O.
See adv index at end of book
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Grand Rapids Fire Proofing Co., Grand Rapids, Mich.
Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
Healy-Tibbitts Construction Co., Main & Market, San Francisco, Cal.
Keystone Fireproofing Co., Chester, Pa.
Moss J. E. Iron Works, Wheeling, W. Va.
National Concrete Const. Co., Louisville, Ky
National Concrete Fire Proofing Co., Citizens bldg, Cleveland, O.
Pennsylvania Fireproofing Co., Erie, Pa.
Sanitary Fire Proofing & Contracting Co., 509 W 174th, New York
Standard Concrete Steel Co., 413 E 31st, New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Whittacre Greer Fireproofing Co., Waynesburg, O.

4778a— Fire-Proof Doors & Partitions

Chicago Cabinet Fixture Works, 2016 W Van Buren, Chicago, Ill.
Cincinnati Mfg. Co., Cincinnati, O.
General Fireproofing Co., Youngstown, O.
See adv index at end of book
Inter-Ocean Cabinet Co., 320 S Paulina, Chicago, Ill.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.

4779—Fire-Proof Floors & Partitions

A. B. Fireproofing Co. (Partitions Only), 64 W Randolph, Chicago, Ill.
American Concrete Steel Co. (Concrete Steel), 27 Clinton av, Newark, N. J.
Barber Asphalt Roofing Co., Land Title bldg, Phila., Pa.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Burchartz Fireproofing Co. ("Burchartz," Long Span Floors, Combination Concrete & Terra Cotta), 26 Cortlandt, New York
Cleveland Bldrs.' Supply & Brick Co., Leader-News bldg, Cleveland, Ohio
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Consolidated Expanded Metal Co.'s, Braddock, Pa.
Corrugated Bar. Co. ("Corr-Mesh" Partitions), Mutual Life bldg, Buffalo, N. Y.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Expanded Metal Engineering Co., 8 W 40th, New York
Fleming & Co., 253 B'way, New York
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Gypsite Fireproofing Co. ("Gypsite" Partitions Only), Penobscot bldg., Detroit, Mich.
Gypsum Fireproofing Co. (Partitions & Roofs Only), 205 W Monroe, Chicago, Ill.
Idealite Co. (Carborundum), Cincinnati, O.
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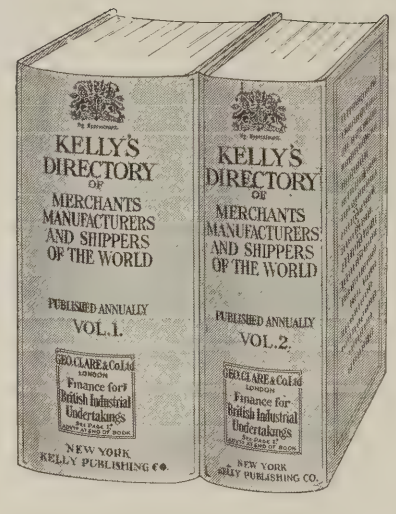
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Broome, New York

4802—Fittings (Cast Iron, for Gas & Water Mains)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Central Foundry Co., 90 West, New York
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davies & Thomas Co., Catasauqua, Pa.
General Fire Extinguisher Co., Providence, R. I.
Glenn Mfg. Co., St. Charles, Ill.
Hercules Foundry Co., Boyle & Slawson avs, Los Angeles, Cal.
Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Robinson Plumbing Supply Co. (Jobber), St. Paul, Minn.
Smith A. P. Mfg. Co., East Orange, N. J.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Fittings (Cast Iron Pipe)

See Fittings, Pipe

4803— Fittings (Cast Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Hempfield Foundry, Greensburg, Pa.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Strong Steel Foundry Co., Buffalo, N. Y.
Wharton Wm. Jr. & Co., Inc. (Heavy), Easton, Pa.

4804— Fittings (Conduit)

Adapti Mfg. Co. ("Adapti" Locknut), 919 West, Cleveland, O.
American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
Appleton Electric Co. ("Appleton" "Unilets"), Wellington & Paulina, Chicago, Ill.
Cap-Swivel Let Co., Warren, R. I.
Central Tube Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Fairmount Electric & Mfg. Co. ("Bendhicks," "Arclets"), 59th & Woodland av, Phila., Pa.
Gillette-Vibber Co. ("G. V."), New London, Conn.
Killark Elec. Mfg. Co. ("Electrolet"), 3940 Easton av, St. Louis, Mo.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Multi Electrical Mfg. Co. ("Powerlete"), 703 Fulton, Chicago, Ill.
Multi Electrical Mfg. Co. ("Multi"), 703 Fulton, Chicago, Ill.
Rattan Mfg. Co., New Haven, Conn.
Steel City Electric Co. ("Ovalduct"), Marchand" & "Star"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. ("Erickson" Couplings), 63 Vesey, New York
V V Fittings Co. ("V V"), 1906 N 6th, Phila., Pa.
Walker Henry L. Co., 185 E Jefferson av, Detroit, Mich.

4805— Fittings (Cross Over)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
Fee & Mason, 81 Beekman, New York
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa.
Grabler Mfg. Co., Cleveland, O.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

4806— Fittings (Drainage)

Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Crane Co., 836 S Michigan av, Chiicago, Ill.
See adv index at end of book
Detroit Brass & Malleable Wks. (Cast Iron), 1177H Holden, Detroit, Mich.
Essex Foundry (Cast Iron Screwed for Wrought Iron Pipe), Murray, Newark, N. J.
Eureka Mfg. Co., Indiapolis, Ind.
Glenn Mfg. Co. (Drainage), St. Charles, Ill.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Cast Iron, etc), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Pipe), 253 Broadway, New York. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co. (Brass & Iron, Black & Galvanized), 55 John, New York & Paterson, N. J.
Maco Products Corp., 154 Nassau, New York
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Foundry Co. (1¼ to 6 inches), 10 Sanford, Brooklyn, N. Y.
New York Brass Foundry Co., 403 Broome, New York
Prier Brass Mfg. Co. ("Sieben" Combination), Kansas City, Mo.
STOCKHAM PIPE & FITTINGS CO. (Cast Iron), Birmingham, Ala.
Turl Engng. Wks., Inc., 39 Cortlandt, New York
United Iron Works, Oakland, Cal.

Fittings (Electric Porcelain)

See Porcelain Specialties, Electric & Mechanical

4807— Fittings (Electrical)

Bethlehem Shipbuilding Corp. Ltd. (Marine Type), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Matthews W. N. & Bros. Inc., 2922 Easton, St. Louis, Mo.
Syracuse Supply Co., Syracuse, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Waterbury Button Corporation (Electric Instruments), 831 S Main, Waterbury, Conn. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4808— Fittings (Ell)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
Edwardsville Brass Co. (Flush & Closet), Edwardsville, Ill.
Eureka Brass Works (Union Ells), 1040 Hulbert av, Cincinnati, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Standard Brass Mfg. Co., Utica, N. Y.

4809— Fittings (Flanged)

American District Steam Co., North Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Forged Steel Pipe Flanges), Chicago, Ill. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co. (Iron, Steel & Semi-Steel), Birdsboro, Pa.
Columbus Iron Works (Heavy), Columbus, Ga.
Crane Co. (High Medium or Low Pressure), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crook H. E. Co., Inc. (Cast Iron), 28 Light Baltimore, Md.
Davies & Thomas Co. (Cast Iron, for Gas & Water Pipe, etc), Catasauqua, Pa.
Direct Separator Co., Syracuse, N. Y.
Edward Valve & Mfg. Co. (And Screwed), East Chicago, Ind.
Essex Foundry (Cast Iron), Murray, Newark, N. J.
Ford & Kendig Co., 1428H Callowhill, Philadelphia, Pa.
General Fire Extinguisher Co. (Cast Iron), Providence, R. I.
Georgia Iron Works (Pipe), Augusta, Ga.
Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kaltenthaler H. J. (Cast Iron, High & Low Pressure), 234 Cherry, Phila, Pa.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kelly & Jones Co. (Standard & Extra Heavy, Semi-Steel, Brass & Cast Malleable Iron), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (Standard only), Elmira, N. Y. *See adv index at end of book*
Keystone Iron Works, 37th & Santa Fear, Los Angeles, Cal.
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Larkin J K & Co. (Pipe), 253 Broadway, New York. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann James R. Co., 56 Gold, New York
McMann & Taylor Co. (Jobbers), 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Standard & Extra Heavy), 55 John, New York
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
New Bedford Boiler & Machine Co., New Bedford, Mass.
Newbury J. H. (Cast), Goshen, N. Y.
New York Brass Foundry Co. (Brass), 403

FITTINGS (FLANGED)—continued

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Philadelphia Roll & Machine Co. (Pipe), 25th & Washington av, Phila., Pa.
Pittsburgh Gage & Supply Co. (Cast Iron), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equip. Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Reading Valve & Fittings Co. (Iron & Steel Pipe, Standard, Medium & Extra Heavy), Reading, Pa.
Shaw Benj. F. Co. (Cast Iron & Cast Steel), Wilmington, Del.
Shaw-Kendall Engng. Co., Toledo, O.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Stein John J. (Steel Riveted), 30 Clay, Brooklyn, N. Y.
STOCKHAM PIPE & FITTINGS CO. (Cast Iron), Birmingham, Ala.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walworth Mfg. Co., Boston, Mass.

4810—Fittings (Gas Fixture)

American Brass & Copper Co., 138 Lafayette, New York
Cleveland Gas & Electric Supply Co., 940 Prospect av, S E, Cleveland, O.
Detroit Brass & Malleable Wks. (And Bracket), 1177H Holden, Detroit, Mich.
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
General Fire Extinguisher Co., Providence, R. I.
Horn & Brannen Mfg. Co., 427 N Broad, Phila., Pa.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Shapiro & Aronson, 20 Warren, New York
Standard Brass Wks., 2931H Wight, Detroit, Mich.
Utica Valve & Fixture Co., Utica, N. Y.
WATERBURY MFG. CO., Waterbury, Conn.
Williamson R. Co., 601 Washington blvd, Chicago, Ill.

4811— Fittings (Gas Line)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Hays Mfg. Co., Erie, Pa.
Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R. Pittsburgh, Pa.
STOCKHAM PIPE & FITTINGS CO. (Cast Iron), Birmingham, Ala.

4812— Fittings (Green House)

Central Foundry Co. (Cast Iron), 90 West, New York
Coldwell-Wilcox Co. (Cast Iron), Newburgh, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Glenn Fred. E., St. Charles, Ill.
Hitchings & Co., Dept. H, Elizabeth, N. J.

4812a—Fittings (Hard Rubber)

India Rubber Co., New Brunswick, N. J.
Luzerne Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 B'way, New York

Fittings (High Pressure)

See Fittings, Hydraulic

4813— Fittings (Hydraulic)

ACHESON MFG. CO., Rankin, Pa. *See adv index at end of book*
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Aterite Co., Inc. ("Aterite"), NE cor. John and William, New York
Best Co., Arrott bldg, Pittsburgh, Pa.
Buckeye Iron & Brass Works (Brass High Pressure), Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Edward Valve & Mfg. Co. ("Edward" Steel, High Pressure), Edison bldg., Chicago, Ill.
Elmes, Chas. F. Engineering Works, Cor. Fulton and Sangamon, Chicago, Ill. *See adv index at end of book*
French Oil Mill Machinery Co., Piqua, O.
General Fire Extinguisher Co., Providence, R. I.
Hydraulic Press Mfg. Co. ("H-P-M"), Mt. Gilead, O.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Semi-Steel, Flanged), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Malleable Iron Fittings Co. ("M. I. F. Co.," Steel & Malleable Iron), Branford, Conn.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
New York Brass Foundry Co., 403 Broome, New York
Oil Well Supply Co. (Cast Iron), 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Power Piping Co., 829H Beaver, Pittsburgh, Pa.
Shaw Benj. F. Co., Wilmington, Del.
Southwark Foundry & Machine Co. (Pipe), 1128 S 4th, Philadelphia, Pa.
Tight Joint Co. ("Folly's" Patent), 310 E 47th, New York
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

4814—Fittings (Iron Railing)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Detroit Brass & Malleable Wks. (Malleable Iron), 1177H Holden, Detroit, Mich.
Devlin Thos. Mfg. Co. (Adjustable, Malleable Iron), Lehigh av & 3rd, Phila., Pa.
Illinois Malleable Iron Co., 1801 Diversey, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
Malleable Iron Fittings Co, ("M. I. F. Co."), Branford, Conn.
McNab & Harlin Mfg. Co., 55 John, New York
Pancoast Henry B. Co. (Iron Pape. Malleable & Cast Iron & Brass), 950 N Front, Phila., Pa.

4814a— *Fittings (Lead)

CHEMICAL PUMP & VALVE CO., 327 Guilford, Perth Amboy, N. J.

4815— Fittings (Lead Lined)

Lead Lined Iron Pipe Co. (Brass & Iron), Wakefield, Mass.
United Lead Co., 111 B'way, New York

4815a—Fittings (Malleable & Brass Railing)

Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
Heath J. S. Co. (Brass Railing), Franklin & Ontario, Chicago, Ill.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J. *See adv index at end of book*

4816— Fittings (Pipe)

See also Cast Iron Soil Pipe & Fittings; also Fittings, Various Kinds; also Unions

A. & J. Mfg. Co. (Cast Iron and Malleable), 559 W. Lake, Chicago, Ill.
Abendroth & Root Mfg. Co. (Cast Iron Flanged), Newburgh, N. Y. *See adv index at end of book*
ACHESON MFG. CO. (Brass), Rankin, Pa. *See adv index at end of book*
American District Steam Co., N. Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Large Cast Iron), Chicago, Ill. *See adv index at end of book*
Aterite Co. Inc. ("Aterite" and "Fanosite," Screened and Flanged Acid), N E Cor. John and William, New York
Belfield H Co. (Brass), 435 N Broad, Phila., Pa.
Bethlehem Shipbuilding Corp. Ltd. (Brass, Iron and Steel), Broadhead and Parker av, Bethlehem, Pa.
Bonney Forge & Tool Works (Iron), Allentown, Pa.
Builders' Iron Foundry (Cast Iron) ("Globe Specials"), 9 Codding, Providence. R. I.
Burrell D H. & Co. (Sanitary), Little Falls. N. Y.
Central Distributing Co., 944-950 Harper av, Detroit, Mich.
Central Foundry Co. (Cast Iron), 90 West, New York
Clow Jas. B. & Sons (Steam), Franklin & Harrison, Chicago, Ill.
Coldwell-Wilcox Co. ("Wilcox"), Newburgh, N. Y.
Columbus Brass Co. ("Abbott"), 538 Dublin av, Columbus, O. *See adv index at end of book*
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crane Co. (Malleable and Cast Iron Screwed or Flanged), 836 S Michigan av, Chicago, Ill.
Darling Valve & Mfg. Co., Ltd. (Cast Iron). Williamsport. Pa.
Detroit Brass and Malleable Wks. (Malleable Iron), 1177H Holden, Detroit, Mich.
Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.
Donovan R. J. Co., 217 Pearl, New York
Dunning Carl Supply Co. (Supplies), Indianapolis, Ind.
Flagg Stanley G. & Co. ("Keystone" Malleable Iron), Morris bldg, Phila., Pa.
Ford & Kendig Co. (Brass, Malleable Iron and Steel Screwed and Flanged), 1428H Callowhill, Phila., Pa.
Fort Pitt Malleable Iron Co. (Malleable & Cast Iron), Thompson & Crawford, Pittsburgh, Pa.
Franklin Park Foundry Co., Franklin Park, Ill.
General Devices & Fittings Co. (Malleable), 803H W Madison, Chicago, Ill.
General Fire Extinguisher Co. (Brass & Iron), Providence, R. I.
Gilli Machine Co. (Cast Iron), Tonawanda, N. Y.
Glamorgan Pipe & Foundry Co. (Cast Iron), Lynchburg, Va.
Glenn Fred. E. (Cast Iron), St. Charles, Ill.
Grabler Mfg. Co. (Malleable Iron), Cleveland, O.
Gwilliam Supply Co., 828 N Hancock, Phila., Pa.
Hempfield Foundry, Greensburg, Pa.
Hercules Foundry Co. (Cast Iron), Boyle & Slawson av, Los Angeles, Cal.
Hoffman B. Mfg. Co. (Cast Iron & Flanged), 257 6th, Milwaukee, Wis.
Illinois Malleable Iron Co. (Malleable & Cast Iron), 1801 Diversey blvd, Chicago, Ill.
Ill. Pipe Iron & Mfg. Co., 3465 S Lawndale av, Chicago, Ill.
Jarecki Mfg. Co. (Malleable & Cast Iron), Erie, Pa.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. (Malleable & Cast Iron), 135 Water, Pittsburgh, Pa.
Kemp C. M. Mfg. Co. (Long Screw Pipe Connections), 405 E Oliver, Baltimore, Md.
Kroeschell Bros. Co. (Cast Iron), 440 W Erie, Chicago, Ill.
Kuhns Bros., Dayton, O.
Larkin J. K. & Co. (Malleable Iron & Steam), 253 Broadway, New York *See adv index at end of book*
Limbert Geo. B. & Co., 558 Fulton, Chicago, Ill.
Litchfield Foundry & Machine Co. (Cast Iron), Litchfield, Ill.
Los Angeles Valve & Fittings Co., 2741 Compton, Los Angeles, Cal.
Lumsden & Van Stone Co. ("Van Stone"), Dorchester, Boston, Mass.
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann James R. Co., 56 Gold, New York
McMann Supply Co. (Iron), 319 Pearl, New York
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Cast & Malleable Iron), 55 John, New York
Malleable Iron Fittings Co. "M. I. F." Co.," Malleable Iron), Branford, Conn.
Milleer-Enwright Co., Sacramento, Cal.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Newbury J. G. Iron Works, Coxsackie, N. Y.
Newbury Jay H. (Cast Iron), Goshen, N. Y.
Nordeen Foundry Co., Everett, Wash.
Oil Well Supply Co. (Malleable & Cast Iron), 215 Water, Pittsburgh, Pa.
Pancoast Henry B. Co. (Malleable Iron), 950 N Front, Phila., Pa.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Power Piping Co., 829H Beaver, Pittsburgh, Pa.
Reading Valve & Fittings Co. (Steel & Iron Screwed, Standard Medium & Extra Heavy), Reading, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Richardson-Phenix Co. ("R. P. Union-Cinch," Threadless, Clamps the Pipe), 131 2d, Milwaukee, Wis.
Rhode Island Fittings Co., Hills Grove, R. I.
Roe & Conver (Steam, Gas & Water Pipe & Fittings), 206 Frelinghuysen av, Newark, N. J.
Sacramento Pipe Works, Sacramento, Cal.
Schaw-Batcher Co., Sacramento, Cal.
Selah Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.
Shaw Benj. F. Co., Wilmington, Del.
Shaw-Kendall Engng. Co. (Jobbers), Toledo, O.
Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.
SIMMONS JOHN CO., 110 Centre, New York *See adv index at end of book*
South Park Foundry & Machine Co. (Cast Iron Flanged Pipe & Fittings), St. Paul, Minn.
Southwark Foundry & Machine Co. (Hydraulic), 1128 S 4th, Phila., Pa.
Steere Engineering Co. (Gas), 7342 Woodward, Detroit, Mich.
STOCKHAM PIPE & FITTINGS CO. (Cast Iron), Birmingham, Ala.
Strong Steel Foundry Co. (In the Rough), Buffalo, N. Y.
Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.
Thompson-Diggs Co., Sacramento, Cal.

Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Threadless Pipe Fitting Co., 30 Columbia, Newark, N. J.
United Iron Wks., Kansas City, Mo.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walworth Mfg. Co. (Malleable & Cast Iron), Boston, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W Carteret, N. J.
See adv index at end of book

4817— Fittings (Pump)

Buffalo Steam Pump Co., Buffalo, N. Y.
Challenge Co., Batavia, Ill.
Elmes Chas. F. Engineering Wks., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Goulds Mfg. Co., Seneca Falls, N. Y.
See adv index at end of book
Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
Simmons John Co., 110 Center, New York
See adv index at end of book
U. S. Wind Engine & Pump Co., Batavia, Ill.

4818—Fittings (Push Button, Closet Tank)

Attwood Brass Works, Grand Rapids, Mich.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Exeter Brass Works, Exeter, N. H.
Frost Mfg. Co., Kenosha, Wis.

Fittings (Railing)

See Fittings, Brass Pipe Railing; also Fittings, Iron Railing

4819— *Fittings (Semi-Steel)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Power Piping Co., 829 Beaver, Pittsburgh, Pa.

Fittings (Soil Pipe)

See Cast Iron Soil Pipe & Fittings Manufacturers

4819a Fittings (Sprinkler)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
General Fire Extinguisher Co., 275 W Exchange, Providence, R. I.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Rockwood Sprinkler Co. ("R. S. Co." for Water), Worcester, Mass.
Walworth Mfg. Co., 798 1st S.B., Boston, Mass.

4820—Fittings (Switchboard Pipe)

Electrical Engineers Equipment Co. (Malleable Iron), 711 Meridian, Chicago, Ill.
Selah Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.

4821— Fittings (Tight Joint)

Tight Joint Co. ("Folly's" for Steam, Hydraulic, Ammonia, Compressed Air, etc), 310 E 47th, New York

4822— Fittings (Vent)

ACHESON MFG. CO. (Brass), Rankin, Pa.
See adv index at end of book
Prier Brass Mfg. Co., Kansas City, Mo.
Essex Foundry, Newark, N. J.
Haydenville Co., Haydenville, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Sanitary Co., Dept. H, Linfield, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Wolverine Brass Works, Grand Rapids, Mich.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

4822a— Fittings (Wire Rope)

Laughlin Thomas Co. The, Portland, Me.
See adv index at end of book

FITTINGS, WIRE ROPE

Sockets, Thimbles, Clips ("Dirigo" Drop Forged), Shackles, Turnbuckles, Hooks, etc.

Send for catalogue.

The Thomas Laughlin Company
Portland, Maine

Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book

Wilcox, Crittenden & Co., Inc., 444 S Main, Middletown, Conn.
See adv index at end of book

Wire Rope Fittings

Shackles, Turnbuckles, Thimbles, Hooks, Etc.

Wilcox, Crittenden & Co., Inc.

444 So. Main St., Middletown, Conn.

4823— *Fittings (Y)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Service Engineering Co., 25 Church, New York

4824—Fixtures (Bank, Office & Store)

Cabinet Wood-Work

Aetna Cabinet Co., Indianapolis, Ind.
American Bank Protection Co. (Steel), 1201 S 3rd, Minneapolis, Minn.
American Sash & Door Co., Kansas City, Mo.
Andrews A. H. Co., 107 Wabash av, Chicago, Ill.
Armstrong, Landon Co., Kokomo, Ind.
Ayers-Cihlar-Ransom Co., 726 S Desplaines, Chicago, Ill.
Bloom Alfred Co., Omaha, Neb.
Budde & Weis Mfg. Co., Jackson, Tenn.
Bush Jas. S. Co., 239 B'way, New York
California Show Case Co., Los Angeles, Cal.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co., Keokuk, Ia.
Chryster & Koppin (Store), 819 W Warren av, Detroit, Mich.
Cleveland Store Fixture Co., 1305 E 40th, Cleveland O.
Cole Mfg. Co., Memphis, Tenn.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Corlett Planing Mill Co., Napa, Cal.
Crescent Mfg. Co., Louisville, Ky.
Curtis Bros. & Co., Clinton, Ia.
Decatur Fountain Co., Decatur, Ill.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Ehrlich H. & Sons Mfg. Co., St. Joseph, Mo.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Federal Equipment Co., Carlisle, Pa.
Federal Steel Fixture Co., 8700 S. Halsted, Chicago, Ill.
Fielder & Allen Co. (Jobbers), Dept. H, Atlanta, Ga.
Forbes A. J. & Son, 1530 Filbert, San Francisco, Cal.
Fridman Lumber Co., New Richmond, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Gordon, Vantine Co., Davenport, Ia.
Grand Rapids Show Case Co. (Wood, Store Only), **Grand Rapids, Mich.**
Gribben Lumber Co., Chicago & Walker, St. Paul, Minn.
Hagerstown Mantel & Furniture Co., Hagerstown, Md.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Himmel M. L. & Son, 113 Gay, Baltimore, Md.
Huck Mfg. Co., Quincy, Ill.
Illinois School Furniture Co. (Plain & Quartered Oak & Imitation Mahogany), Rockford, Ill.
Improved Office Partition Co., Broome & Clark, New York
Inter-Ocean Cabinet Co. (Bakers), 320 S Paulina, Chicago, Ill.
Jackson A. R. Kansas City Show Case Works Co., 620 E 3d, Kansas City, Mo.
Johannesen Mfg. Co., Erie, Pa.
Johnson Albert & Co., 131 Border, E Boston, Mass.
Kaaz Mfg. Co., Atchison, Kan.
Kleeman W. & Co., 101 Park av, New York
Knittel Jos. Show Case Co., Quincy, Ill.
Knoff Mfg. Co., Mankato, Minn.
Koehler & Hinrichs, St. Paul, Minn.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lookout Planing Mills, Chattanooga, Tenn.
McLean W. B. Mfg. Co. (Store Only), ("Good"), 729 Herron av, Pittsburgh, Pa.
Maclean J. S., Spring & Water, Columbus, O.
Mallander Co., Waco, Texas
Markert Mfg. Co., Syracuse, N. Y.
Marysville Cabinet Co., Marysville, O.
Moline Furniture Works, Moline, Ill.
Moore Mfg. Co., Springfield, Mo.
Morgan Lumber & Mfg. Co., Charleston, W. Va.
Multiplex Display Fixture Co. (Automatic Display), 918 N 10th, St. Louis, Mo.
National Show Case Co., Columbus, Ga.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
New York Store Fixture Co., 5 E 137th, New York
New York Wood Working Corp., 502 E 19th, New York
Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
Ohmer's M. Sons Co., Dayton, O.
Phoenix Furniture Co., Eau Claire, Wis.
Rochester Show Case Works, Rochester, N. Y.
St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.
Schick-Johnson Co., 1737 N Paulina, Chicago, Ill.
Schmid John 58 Oak, San Francisco, Cal.
Schwarzwaelder W. & Co., Chichester, N. Y.
Segale Mfg. Co., 68 E Spring, Columbus, O.
Shaw Furniture Co., Cambridge, Mass.
Sjostrom John E. Co., 1715 N 10th, Phila., Pa.
Skow Mfg. Co., Newton, Ia.
Springfield Pl'g Mill, Lumber & Constr. Co., Springfield, Mo.
Standard Mfg. Co., Appleton, Wis.
Steel Equipment Corp., Avenel, N. J.
Stillwater Mfg. Co., Stillwater, Minn.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Stow & Davis Furniture Co., Grand Rapids, Mich.
Taylor Wm. M. Mantel & Grate Co. (Wood), 331 S Hill, Columbus, O.
Toledo Desk & Fixture Co., Toledo, O.
Walrus Mfg. Co., Decatur, Ill.
Wearin J. H. & Co., Charlotte, N. C.
Weary & Alford Co., 1732 Michigan av, Chicago, Ill.
West Woodworking Co., 308 Nada, Chicago, Ill.
Huttig Mill Works Co., Kansas City, Mo.
Whitcomb Cabinet Co., Kansas City, Mo.
Williams & Hunting Co., Cedar Rapids, Ia.
Wilson J. G. Corp. (Office Partitions, Wood, Folding), 8 W 40th, New York
See adv index at end of book
Winter Co., Sheboygan, Wis.
Wisconsin Iron & Wire Co., Milwaukee, Wis.
Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

4824a— *Fixtures (Bronze)

Herwig Art Shade & Lamps Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book

Fixtures (Car Door)

See Car Doors & Fittings

4824a1—Fixtures (Cellar Window)

See also Cellar Window Sets

McKinney Mfg. Co., Locust, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Stanley Works, New Britain, Conn.
See adv index at end of book

4824b—*Fixtures (Display Revolving)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

4824c—Fixtures (Display Window, etc.)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
National X-Ray Reflector Co., 235 W Jackson blvd, Chicago, Ill.

4825—Fixtures (Electric, Adjustable Wall & Ceiling)

Adjustable Fixture Co., 305 Mfgrs. Home, Milwaukee, Wis.
Aladdin Industries Inc. (Adjustable Extension), 348H Ashland, Chicago, Ill.
Bryant Electric Co., Bridgeport, Conn.
Coffin Valve Co. ("Neponset"), Neponset, Boston, Mass.
Faries Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Franks W. S. Mfg. Co., Rock Island, Ill.
Hawker W. S. Mfg. Co., 458 E Bacon, Dayton, O.
Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hill, W. H., Cambridge Springs, Pa.
Keith Mfg. Co., Clinton, N. Y.
Lindblad K. F. M., 65 Sudbury, Boston, Mass.
Localized Lighting Corp. ("Anderson"), 540H W 58th, New York
McCrosky Reamer Co., Meadville, Pa.
McFaddin H. G. & Co. ("Mefcolite"), 38 Warren, New York

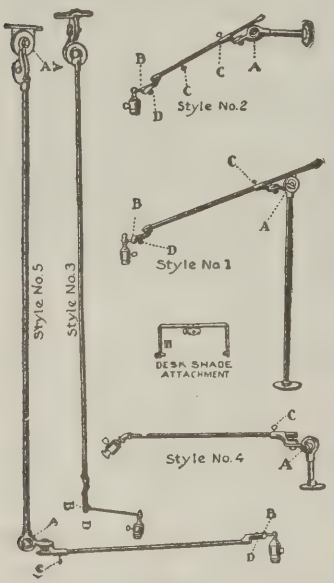
FIXTURES (ELECTRIC, ADJUSTABLE WALL & CEILING)—continued

MORSE FRANK W. ("Morse" For Factory & Shop Use Only), 289 Congress, Boston, Mass.
See adv index at end of book

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National Plastic Relief Co., 30 Main, Cincinnati, O.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Van Doren E. I., Troy, N. Y.
White O. C. Co., Worcester, Mass.
Wormser Glass Co. (Ceiling Bowls), 2nd & Sylvan avs, Pittsburgh, Pa.
Zang J. E., Johnstown, Pa.

4826— Fixtures (Flag Pole)

Driver John ("Boss"), San Leandro, Cal.
Howes Forest E. ("Buckley Non-Tangle"), 263 Northampton, Boston, Mass.

4827—Fixtures (Hardware Display)

Fearon Brown Co. (Imp.), 96 Wall, New York
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
Knape & Vogt Mfg. Co. ("Ideal & Victor" Adjustable Standards & Brackets), Grand Rapids, Mich.
Multiplex Display Fixture Co. ("Multiplex"), 918 N 10th, St. Louis, Mo.
Warren J. D. Mfg. Co., 159 N State, Chicago, Ill.

4828— Fixtures (Hay Rack)

MYERS, F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Pratt Wm. E. Mfg. Co. ("Hemm's"), 35 W Lake, Chicago, Ill.

4828a— Fixtures (Laboratory)

Alberene Stone Co., 223 E 23rd, New York
Art Metal Construction Co. (Steel), Jamestown, N. Y.

4829—*Fixtures (Liquid Soap)

Imperial Brass Mfg. Co. ("Watrous"), 524 S Racine av Chicago, Ill.
See adv index at end of book
Anchor Core Economy Soap Co. (Sliding Chain Sink Faucet Bracket Attachments), 136 W Lake, Chicago, Ill.
Fergusson, Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book

Imperial Brass Mfg. Co. ("Watrons"), 1200 W Harrison, Chicago, Ill.
See adv index at end of book

LIQUID SOAP & FIXTURES
THE IMPERIAL BRASS MFG. CO.
CHICAGO

Morrill Chas., 100 Lafayette, New York
See adv index at end of book

4830—*Fixtures (Outlet, Coal Chute)

LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

4831— Fixtures (Silo)

Iowa Tank & Silo Co., Waterloo, Iowa
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
New Monarch Machine & Stamping Co. (Iron & Steel), Des Moines, Iowa

4832-3—Fixtures (Street Lighting)

Benjamin Elec. Mfg. Co., 120-128S Sangamon, Chicago, Ill.
Harter Mfg. Co. ("Nitrolites," "Deluxlites"), 524 S Clinton, Chicago, Ill.

4834—Fixtures (Street Series, Electric Lamp)

Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

4835—Fixtures (Tungsten Lamp)

Line Material Co., South Milwaukee, Wis.

4836— Fixtures (Tungstolier)

Tungstolier Works of General Elec. Co., Cleveland, O.

4836a—Fixtures (Wall, Sectional Interchangeable)

Grand Rapids Show Case Co., Grand Rapids, Mich.

4837— Flag Mfrs.

See also Bunting Mfrs.

American Flag Co., 73 Mercer, New York
American Flag Mfg. Co., Easton, Pa.
Anness H. W. & Co., 409 Pearl, New York
Annin & Co., 99 Fulton, New York
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead and Parker av, Bethlehem, Pa.
Betsey Ross Flag Co., Newburgh, N. Y.
Channon H. Co., 150 N Market, Chicago, Ill.
Chicago Flag & Decorating Co., 1345 S Wabash av, Chicago, Ill.
Cincinnati Regalia Co., 4th & Elm, Cincinnati, O.
De Grauw, Aymar & Co., 34 South, New York
Dettra Jno. C. & Co., Oaks, Pa.
Geraghty & Co. (Pennant, Society, etc), 3035 W Lake, Chicago, Ill.
Goodell, Jas. M., Jr., Inc., 150 N Loramie, Chicago, Ill.
Goss J. C. Co., 16 E Woodbridge, Detroit, Mich.
Greenwood-Atkinson-Armstrong Co., 75 Woodward, Detroit, Mich.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Magee M. & Son, 147 Fulton, New York
Mills Andrew & Sons, 53 South, New York
National Flag Co., 1012 Flint, Cincinnati, O.
Pasquale B. Co., Inc., 115 Post, San Francisco, Cal.
Passaic Print Works (Cotton), Passaic, N. J.
Rehm & Co., 214 Washington, New York
Reproduction Co., 351 Jay, Brooklyn, N. Y.
Rowe E. L. & Son, Gloucester, Mass.
United States Flag Co., 329 Lock, Cincinnati, O.
Wales H. A. Co. (Who. Dirs.), Bridgeport, Conn.
Ward-Stilson Co. (Bunting), Anderson, Ind.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Whitehead & Hoag Co. (Banners), 272 Sussex av, Newark, N. J.
Wyle J. J. & Bros. Inc. (Silk, also Banners), 20 E. 27th, New York

4837a— Flag Staffs

Bogert & Hopper, Inc. (Semaphore & Signal), 57 Barclay, New York
See adv index at end of book
Estes E B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Wilcox, Crittenden & Co. Inc. (Lighted for Launches), Middletown, Conn.
See adv index at end of book

4837b— Flag Stands

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.

4837c— Flagging Slate

Old English Slate Quarries, 10 Milk, Boston, Mass.

4838—Flags (Railway Signal, Etc.)

American Flag Mfg. Co., Easton, Pa.
Carpenter Geo. B. & Co. (All Kinds & Descriptions), 440 North Wells, Chicago, Ill.
Handlan-Buck Mfg. Co. ("Prahm" & "Laniu" Metallic, also Bunting), 210-14 N 3rd, St. Louis, Mo.
Patton R. J. & Co., 222 E 4th, Cincinnati, O.
Selby Safety Flag Co., Railway Exchange bldg, St. Louis, Mo.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.

4838a— Flakes (Naphthalene)

Barrett Co., 17 Battery pl, New York
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Briggs Chemical Wks., Amherst, O.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Lambert Chemical Co., 400 N 3rd, St. Louis, Mo.
Rector Chemical Co., 2 Rector, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Stressen-Reuter & Hancock, Inc., 122 S Michigan av, Chicago, Ill.

4839— Flangers (Snow)

Q. & C. Co., 90 West, New York
Russell Car & Snow Plow Co., Ridgway, Pa.

4840— Flanges (Bibb)

American Foundry & Mfg. Co., (Brass), 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Crane Co., 836 S. Michigan av., Chicago, Ill.
See adv index at end of book
Glauber Brass Mfg. Co. (Brass), 49th & Superior, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.

4840a— Flanges (Blind Pipe)

Lynchburg Foundry Co., Lynchburg, Va.
Pitts Valve Fdy. & Constr. Co., 26th & A. V. RR. Pittsburgh, Pa.
Power Piping Co., 8294 Beaver, Pittsburgh, Pa.
Stockham Pipe & Fittings Co. (Cast Iron & Semi-Steel), Birmingham, Ala.

4841—Flanges (Boiler, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Bonney Forge & Tool Works, Allentown, Pa.
Castle A. M. & Co. ("Castle"), 715 N. Morgan, Chicago, Ill.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.

4842— Flanges (Brass)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Crane, Co., 836 S. Michigan av, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
A. Klipstein & Co. ("Bemanco" Brass Floor, 644 Greenwich, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Midwest Brass & Copper Co., Inc., 480 Broome, New York
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
New York Brass Foundry Co., 403 Broome, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book

4843—Flanges (Cast & Malleable Iron)

Acme Machine Co., 316-26 N. 17th, Phila, Pa. *See adv index at end of book*
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co. (Cast Iron), 11th & Hebert, St. Louis, Mo.
Aterite Co., Inc. ("Aterite" & "Fanosite"), n. e. cor. John & William, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Donaldson Iron Co., Emaus, Pa.
General Fire Extinguisher Co. (Cast Iron Only), Providence, R. I.
Hays Mfg. Co. (Cast Iron), Erie, Pa.
Kaltenthaler H. J. (Grey & Gun Iron, Cast Steel & Bronze), 234 Cherry, Phila., Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (Cast Only), Elmira, N. Y. *See adv index at end of book*
LUNKENHEIMER CO. (Cast) Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Mall.), Branford, Conn.
McNab & Harlin Mfg. Co., 55 John, New York
National Malleable Casting Co. (Malleable Iron), 7706 Platt, S E, Cleveland, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Philadelphia Roll & Machine Co. (Cast Iron & Steel), 25th & Washington av, Phila., Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Reading Valve & Fittings Co., Reading, Pa.
Standard Cast Iron Pipe & Foundry Co. (Grey Iron), Bristol, Pa.
Stockham Pipe & Fittings Co. (Cast Iron & Semi-Steel), Birmingham, Ala.

4844— Flanges (Companion)

American District Steam Co. **(Slotted Angle & Adjustable Wedge),** North Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Crane Co., 836 S. Michigan av., Chicago, Ill.
See adv index at end of book
Edward Valve & Mfg. Co., East Chicago, Ind.
Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), Edison bldg, Chicago, Ill.
Essex Foundry, Murray, Newark, N. J.
Hershey Machine & Foundry Co., Manheim, Pa.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
STOCKHAM PIPE & FITTINGS CO. (Cast Iron & Semi-Steel), Birmingham, Ala.

4845—Flanges (Floor, Closet Connection)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
Church C. F. Mdg. Co. ("White Pyralin"), Holyoke, Mass.
Crane Co., 836 S. Michigan av., Chicago, Ill.
See adv index at end of book
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Fisher Specialty Co. (Jobbers), 326 Ogden av, Milwaukee, Wis.
Pittsburgh Brass Mfg. Co. (Brass), Penn & 32d, Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Standard Sanitary Mfg. Co. ("Durham" Ball Joint), Bessemer bldg, Pittsburgh, Pa.
Trenton Brass & Machine Co., Trenton, N. J.
Trenton Potteries Co. ("Donovan"), Trenton, N. J.

4846—Flanges (Floor & Ceiling)

American Brass & Copper Co. (Brass Floor Flanges), 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Crane Co., 836 S. Michigan av., Chicago, Ill.
See adv index at end of book
Detroit Brass & Malleable Wks. (Floor, Cast Iron), Holden, Detroit, Mich.
Edwardsville Brass Co. (Closet Floor), Edwardsville, Ill.
Glenn Mfg. Co., St. Charles, Ill.
Hays Mfg. Co., Erie, Pa.
Modern Iron Works ("M. I. W."), Quincy, Ill.
Newbury J. H., Goshen, N. Y.
Pittsburgh Brass Mfg. (Brass Closet Floor), Penn & 32d, Pittsburgh, Pa.
Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.
Trenton Potteries Co. ("Donovan" Closet Floor), Trenton, N. J.
U. S. EXPANSION BOLT CO., 139-41 Franklin, New York
See adv index at end of book
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

4847— Flanges (Hub)

AMERICAN SPIRAL PIPE WORKS (Heavy Forged & Rolled Steel), Chicago, Ill. *See adv index at end of book*
Am. Tube & Stamping Co. (Automobile, Tractor, etc.), Dept. H, Bridgeport, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Bossert Corporation (The) (For Wood or Wire Automobile Wheels), Linden & West av, Utica, N. Y.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Gier Pressed Steel Co., Lansing, Mich.
Hartford Machine Screw Co., Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hydraulic Pressed Steel Co., 3152 E 61st, Cleveland, O.
Mossberg Frank Co. (Automobile & Carriage), Attleboro, Mass.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Oakes Co. (Automobile), Indianapolis, Ind.
Union Switch & Signal Co., Swissvale, Pa.
WORCESTER PRESSED STEEL CO., Worcester, Mass.
See adv index at end of book
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

4848— Flanges (Pipe)

See also Fittings, Flanged, also Fittings, Pipe

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Bacon & Matheson Forge Co. (Ammonia), 17H W. Lander, Seattle, Wash.
BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*
Beard Foundry & Machine Wks., Dept. H, Arkansas City, Kans.
Bonney Forge & Tool Works, Allentown, Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Dart E. M. Mfg. Co. ("Dart"), 734 Thinten av, Providence, R. I.
See adv index at end of book
Dougherty M. J. Co., North Amer. bldg, Philadelphia, Pa.
Fairbanks Co. ("Dart"), 416 Broome, New York
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Valve & Mfg. Co. (Cast Iron), 31st & Liberty, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Power Piping Co., 829H Beaver, Pittsburgh, Pa.
Robertson Bros. Mfg. Co. (Light Steel), 5405 S. Western blvd, Chicago, Ill.
See adv index at end of book
Shaw Benj F. Co. Wilmington, Del.
Standard Steel Works Co (Steel), Morris bldg, Phila., Pa.
Stockham Pipe & Fittings Co. (Cast Iron & Semi-Steel), Birmingham, Ala.
Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.
Union Switch & Signal Co., Swissvale, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

4849—Flanges (Pipe, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*
Bonney Forge & Tool Works, Allentown, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Millersburg Fifth Wheel Co., Millersburg, Pa.
O'Leary Arthur J. & Son Co., 65th & 57th av, Chicago, Ill.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Shaw Benj F. Co., Wilmington, Del.
Standard Steel Works Co., Morris bldg., Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.

4850—Flanges (Pipe, Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Lukens Steel Co., Coatesville, Pa.
Parish Supply & Mfg. Co. ("Quick Welding"), 2868 Quinn, Chicago, Ill.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.

4851—Flanges (Pipe, Rolled Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*
Best Co., Arrott bldg, Pittsburgh, Pa.
Columbia Steel Co., Widener bldg, Phila., Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Penna. Forge Co., Jenks & Bath, Phila., Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construc- Co., 26th & A. V. R. R., Pittsburgh, Pa.
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Shaw Benj F. Co., Wilmington, Del.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

4852— Flanges (Pump)

Crestline Mfg. Co. ("Crestline" for Cased Wells), Crestline, O.

4853— Flanges (Railing)

Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4854— Flanges (Roof)

Acme Mfg. Co. ("Acme" Adjustable), Bangor, Me.
Bourneuf Louis Corp., Lynn, Mass.
Bullard Specialty Co. (Adjustable), Tiffin, O.
Chattanooga Roofing & Foundry Co., Dept H, Chattanooga, Tenn.
Davis-Watson Mfg. Co, ("Watson"), Nashua, N. H.
Go-Ro Mfg. Co., 826 Baronne, New Orleans, La.
Hessler H. E. Co. ("McGuire," "Star" Adjustable), Syracuse, N. Y.
Manchester J. B. Co., 190 Eddy, Providence, R. I.
Mechanicsville Specialty Mfg. Co., Mechanicsville, N. Y.
Prier Brass Mfg. Co. ("Flash," "S. M. S." Lead), Kansas City, Mo.
Simplex Mfg. Co., 313 S Clinton, Chicago, Ill.

4855—Flanges (Safety, Emery Wheel)

Webster & Perks Tool Co., Springfield, O.

4855a—*Flanges (Saw Shingle)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

4855b— Flanges (Steel Welded)

McMann & Taylor Co., 104 John, New York
See adv index at end of book
Power Piping Co., 829 Beaver, Pittsburgh, Pa.
Reading Valve & Fittings Co., Reading, Pa.
Standard Parts Co., Cleveland, O.

4855c Flanges (Tank)

Am. Spiral Pipe Works, 14th & S. Cicero av, Chicago, Ill.
See adv index at end of book
Castle A. M. & Co., 715 N. Morgan, Chicago, Ill.
Glasgow Iron Co., Pottstown, Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

4856— Flanges (Welded)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Ballwood Co. ("Ballwood" up to 5000 lbs. Pressure), 30 Church, New York
See adv index at end of book
Kellogg M W. Co., 90 West, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Shaw Benj F. Co., Wilmington, Del.

4857— Flanges (Wheel)

Bossert Corp. (The), Linden & West av, Utica, N. Y.
King Fifth Wheel Co., 5027H Beaumont av, Phila., Pa.
National Malleable Castings Co. (For Buggies, Wagons, etc.), 7706 Platt av, S E, Cleveland, O.
Oakes Co. (Automobile), Indianapolis, Ind.

4858— Flannels (Cotton)

Appleton Co. (White & Colored Outing), Lowell, Mass.
Aurora Cotton Mills (Outing), Burlington, N. C.
Boston Duck Co., Bondsville, Mass.
Brogon Mills (Flannelettes), Anderson, S. C.
Brown Mfg. Co. (Domets), Concord, N. C.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Durham Cotton Mfg. Co., East Durham, N. C.
Eagle & Phenix Mills (Kimona Outing) Columbus, Ga.
Elmira Cotton Mills Co. (Outing), Burlington, N. C.
Erwin Cotton Mills Co. (Mottled & Canton), West Durham, N. C.
Falls Co. (Domets, Outing, etc.), Norwich, Conn.
Glencoe Mills (Domets), Burlington, N. C.
Hamilton Mfg. Co. (Domets, Canton, Mottled & Solid Cotton), Lowell, Mass.
Hettrick Mfg. Co., Toledo, O.
Indian Head Mills of Ala., Cordova, Ala.
Jackson Co., Nashua, N. H.
Locke Cotton Mills Co., Concord, N. C.
Manetta Mills, Lando, S. C.
Mass. Cotton Mills (Canton), Lowell, Mass.
Minneola Mfg. Co. (Dress & Outing), Gibsonville, N. C.
Nashua Mfg. Co., Nashua, N. H.
Old Colony Mfg. Co., Taunton, Mass.
Pemberton Co., Lawrence, Mass.
Revolution, Cotton Mills (Colored & Bleached Canton), Greensboro, N. C.
Rushton Cotton Mills (Domets), Griffin, Ga.
Southern Mfg. Co. (Canton), Athens, Ga.
Thorndike Co., Thorndike, Mass.
Travora Mfg. Co. (Heavy Napped), Graham, N. C.
Tremont & Suffolk Mills (Canton & French), Lowell, Mass.
Whittenton Mfg. Co., Taunton, Mass.
Williamson J. N. & Sons Co. (Domets & Flannelettes), Burlington, N. C.

4859— Flannels (Woolen)

Agawam Co., Agawam, Mass.
Algonquin Co., Passaic, N. J.
Alpena Woolen Mills Co., Alpena, Mich.
Amana Society, Amana, Ia.
Apollo Woolen Mills, Apollo, Pa.
Atlantic Mills, 120 Manton av, Providence, R. I.
Ballard Vale Mills Co. (Fine White), Ballard Vale, Mass.
Barnesville Mfg. Co., Barnesville, W. Va.
Barron Woolen Mill Co., Barron, Wis.
Birdsall Bros. Co., Honesdale, Pa.
Blue J. J. & Son, Ettrick, Wis.
Botany Worsted Mills, Passaic, N. J.
Brown's G. Sons, Mount Joy, Pa.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brunger S. & Co., Sullivan, Ind.
Buckhannon Woolen Mills, Buckhannon, W. Va.
Buell Mfg. Co., St. Joseph, Mo.
Cal. Woolen Mills, California, Mo.
Carlton E. G. & Sons (White), Rochdale, Mass.
Carruth J. G. & Co., Indiana av & Rosehill, Phila., Pa.
Cedarburg Woolen Mills, Cedarburg, Wis.
Chapel Mills Mfg. Co., Cherry Valley, Mass.
Cheshire Mills (All Wool Plain & Twilled Colored Flannels), Harrisville, N. H.
Davis C. M. & Co. (White), Northfield, Vt.
Dodge-Davis Mfg. Co., Bristol, N. H.
Dole E. & Co., Campton, N. H.
Dresden Woolen Mills, Dresden, O.
Eugene Woolen Mill Co., Eugene, Ore.
Fabyan Woolen Co. (Cotton Warp Shirting), Stafford Springs, Conn.
Faribault Woolen Mill Co., Faribault, Minn.
Farnsworth Co., Lisbon Center, Me.
Freeland Mfg. Co., Freeland av & Walnut, La., Phila., Pa.
Gibboney A. R. & Co., Reedsville, Pa.
Goodwin C. E. & Sons, Cumberland Gap, Tenn.
Graff P. & Co., Worthington, Pa.
Groveland Mills, South Groveland, Mass.
Harris Emery Co. (White), Penacook, N. H.
Heathcote S. E. & Co., Glen Rock, Pa.
Heikes E. K., York Springs, Pa.
Houlton Woolen Mill, Houlton, Me.
Howarth A. & Son (White), Oxford, Mass
Jamestown Worsted Mills, Jamestown, N. Y.
Kay T. Woolen Mill Co., Salem, Ore.
Kennedy D. & Sons, Monticello, Wis.
Kent Mfg. Co., Clifton Heights, Pa.
Langville Woolen Mills, Langville, Pa.
Liebhardt William L. & Co., Middletown, Ind.
Litchfield Woolen Mills Co., Litchfield, Minn.
McAnespie J. & Co., Lancaster, O.
Mahaffy Bros., Pulaski, N. Y.
Melville Woolen Co. (Men's), Chambersburg, Pa.
Morrison Woolen Co., Dexter, Me.
Mystic Woolen Co., Old Mystic, Conn.
Nashua Woolen Mills, Nashua, Ia.
Newton & Co., Homer, N. Y.
North Berwick Co. (French), North Berwick, Me.
North Star Woolen Mill Co., 228 S 2nd, Minneapolis, Minn.
Olney Woolen Mills (White), Cherry Valley, Mass.
Patrick F. A. & Co., Duluth, Minn.
Pondville Woolen Mills, Auburn, Mass.
Portland Woolen Mills, Portland, Ore.
Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
Rich J. & Bros., Woolrich, Pa.
Richards Dexter & Sons Co., Newport N. H.
Schaeffer J. M., Sandy Lake, Pa
Seymour Woolen Mills Co. (Skirtings), Seymour, Ind.
Shuler & Benninghofen, Hamilton, O.
Slater S. & Sons, Webster, Mass.
Spangler W. H., Fitzpatrick, W. Va.
Stevens C. A. & Co. (White), Ware, Mass.
Stickler J. M., Mauston, Wis.
Stirling Woolen Mills (All Wool), Lowell, Mass.
Suttons's Mills, North Andover, Mass.
Talbot Mills, North Billerica, Mass.
Virginia Woolen Co., Winchester, Va.
Webb T. A. W. & Son, Allensville, Pa.
Woodcock A. B., Waterside, Pa.
Yantic Woolen Co., Yantic, Conn.

4860— Flare Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
Prest-O-Lite Co., Indianapolis, Ind.

4861—Flashers (Electric Sign)

A. & W. Electric Sign Co., W 3rd & Prospect av, Cleveland, O.
Betts & Betts Corp'n ("Betts"), 513 W 42d, New York
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Electric Carriage Call & Specialty Co. ("Perfection"), 311 W 40th, New York
Electric Flasher Co., 80 5th av, New York
Emerson Electric Mfg. Co., 2024 Wash. av, St. Louis, Mo.
Flexlume Sign Co., 1472 Niagara, Buffalo, N. Y.
Grazier Elec. Sign Products Co., Johnstown, Pa.
Greenwood Advg. Co., 1942 S Main, Los Angeles, Cal.
Haller Sign Works, 115 N Desplaines, Chicago, Ill.
Hoggson S. H. Co. ("Hemefam"), 27 Thames, New York
Norden Elec. Sign Co., 311 W 40th, New York
Phelps Mfg. Co. ("Skeedoodle"), 49 W Larned, Detroit, Mich.
Reynolds-Dull Flasher Co. ("Dull's"), 18 Wells, Chicago, Ill.
Reynolds Electric Co. ("Reco"), 2650 W Congress, Chicago, Ill.
Ryan M. C. Co. ("Phoenix"), Phoenix, N.Y.
Solar Elec. Co. (Motorless), 54 W. Lake, Chicago, Ill.
Tecla Elec'l Laboratory, 195 Cass av, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4862— Flashings (Roof)

Acme Mfg. Co. ("Acme"), Bangor, Me.
Berger Mfg. Co., Canton, O.
Davis-Watson Mfg. Co. ("Watson"), Nashua, N. H.
Duluth Corrugating & Roofing Co. (Adjustable), Dept. H, Duluth, Minn.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Harker Mfg. Co. ("Retlaw"), 121-123 W Third, Cincinnati, Ohio
See adv index at end of book

ROOF FLASHINGS
"RETLAW"
All Lead Flashing
HARKER MFG. CO.
CINCINNATI, O.

Kansas City Flushing & Drain Co., 1433 Main, Kansas City, Mo.
Newport Rolling Mill Co., Newport, Ky.
Prier Brass Mfg. Co. ("Prier" Lead), Kansas City, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Also Wall, etc), Wheeling, W. Va.

4863—Flashlights (Electric Lamp and Lantern)

Ajax Elecl. Spec. Co., St. Louis, Mo.
American Carbon & Battery Works of National Carbon Co., Inc., E St. Louis, Mo.
American Ever Ready Works of Nat'l Carbon Co. ("Eveready Daylo"), Thompson av, L. I. City, New York
Anglo-American Co., 634 Smithfield, Pittsburgh, Pa.
B. & C. Mfg. Co., 290 Church, New York
Bright Star Battery Co., 316 Hudson, New York
Burgess Battery Co., Madison, Wis.
Burgess C. F. Laboratories, Madison, Wis.
Columbia Elec. Nov. Co., 58 W 15th, New York
Curfman F. L. Mfg. Co., Maryville, Mo.
Delta Elec. Co., Marion, Ind.
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
Electro Importing Co., 233 Fulton, New York
Elux Miniature Lamp Division, 6 E 39th, New York
Enterprise Elec. Nov. Co., 107 Bleeker, New York
French Battery & Carbon Co., Madison, Wis.
Hansen Marvin W., 38 11th, Toledo, O.
Import Sales Co., 27 W 20th, New York
International Battery Co., 453 Broome, New York
Interstate Electric Novelty Co., 104 So 4th, Brooklyn, N. Y.
Manufacturers & Inventors Elec. Co. ("Cats Eye"), 29 Gold, New York
Marcuson E. ("Knockabout"), 70 Cortland, New York
National Carbon Co., Madison av N. W & W 117th, Cleveland, O.
National Marine Lamp Co., Forestville, Conn.
Northwestern Battery Co., 530 Jefferson, Milwaukee, Wis.
Peerless Light Co. ("Peerless"), 663 W Washington blvd, Chicago, Ill.
Portable Elec. Safety Light Co. ("Hubbell"), 10 Johnson, Newark, N. J.
Providence Electric Mfg. Co. ("Nitelite," "Little Rhody"), 23 Broad, Providence, R. I.
Radium Light Co., Arrott bldg, Pittsburgh, Pa.
Roka Battery Co., 27 W 20th, New York
Solar Light Co., 69 Wooster, New York
Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.
Strobel & Wilken Co. ("Yankee" Imp.), 61 W 23rd, New York
Stuart Products Corp., 633 Washington blvd, Chicago, Ill.
Tardie E. J., 156 5th av, New York
Union Battery Co., Belleville, N. J.
Universal Carbon Co., Dundee, Ill.
Universal Novelty Works ("Eclipse," "Milwaukee"), 164 5th av, New York
Usona Mfg. Co. ("Kwik-lite"), 1 Hudson, New York
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wood C. D. Electric Co. ("Woodwin"), 441 B'way, New York

4864— Flask Stock (Wood)

Basic Mfg. Co., Wilmington, Del.
Johnson Lumber Co., Milwaukee, Wis.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

4865— Flasks (Molders')

Adams Co. (Cherry Snap), Dubuque, Ia.
Advance Engng. Co., Metta av, Cleveland, O.
American Foundry Equipment Co., 52 Vanderbilt av, New York
Arcade Mfg. Co. ("Arcade" Snap), Freeport, Ill.
Baldwin, Tuthill & Bolton ("B. T. & B." All Steel Snap), Grand Rapids, Mich.
Barnett Oscar Foundry Co. ("Barnett" Molders & "New Diamond" Snap), Irvington, N. J.
Berkshire Mfg. Co. (Aluminum & Wood Snap also Iron), Whitney Power blk., Cleveland, O.
Brass Founders' Supply Co. (For Brass Fdrs., Ribbed, etc.), Wilson av, Newark, N. J.
Bridgeport Die & Machine Co. ("Bridgeport" Snap), Bridgeport, Conn.
Bryan Pattern & Mach. Co., Bryan, O.
Buch Foundry Equipment Co. (Snap), Bridgeport, Pa.
Buch's A. Sons Co., Elizabethtown, Pa.
Columbiana Boiler Co., Columbiana, O.
Diamond Clamp & Flask Co. ("Diamond" Snap), Richmond, Ind.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Grabo E. O. Machine Works, 180 Centre, New York
Hill & Griffith Co. ("Snap"), 1248 State av, Cincinnati, O., & Birmingham, Ala.
See adv index at end of book
Jurack Chas. (Cherry Snap), 201 Oregon, Milwaukee, Wis.
Middleditch Benj., Detroit, Mich.
Morner & Smith (Aluminum Snap), Dayton, O.
Nicholls Wm. H. Co., Inc., 2 College pl., Brooklyn, N. Y.
See adv index at end of book

Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio
Shanafelt Mfg. Co., Canton, O.
Smith & Caffrey Co. ("New Eureka" Snap), Syracuse, N. Y.
Stearns E. C. & Co. ("Stearns" Snap), 450 Oneida, Syracuse, N. Y.
STERLING WHEELBARROW CO. (Special Rolled Steel Construction), Milwaukee, Wis.
Turner Foundry & Machine Co., 3632 N. Lawrence, Phila., Pa.
See adv index at end of book
Turner Machine Co., 75 Fulton, N. Y.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

4865a Flasks (Steel Foundry)

Dopp J. W. & Co. ("Sterling Lines" Dealers), 18 W Columbia, Detroit, Mich.
STERLING WHEELBARROW CO., Milwaukee, Wis.
Stolz Jos. & Son, Inc., 841 E 136th, New York

Flat Irons

See Sad Irons

4866— Flatters

Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

4866a— Flavine

Young J. S. & Co., Hanover, Pa.

4867— Flax

Amerlin Co. (Hackled), Yale, Mich.
Andrews Robert Co. (Imp.), 115 Franklin, New York
Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
Central Co.-Operatic Union of Flax Industries (Imp.), 136 Liberty, New York
Minnesota Fibre Co. (Spinning), Heron Lake, Minn.

4868-9— Flaxseed

Ankeney Linseed Mfg. Co. (Screened & Ground), Des Moines, Ia.
Tetzfaff Wm. (Ground), 652 31st, Milwaukee, Wis.
Trilling H. & Co. (Ground), 1825 S Canal, Chicago, Ill.

4870— Fleshers (Tanners')

Emrich Phil., 624 Main, Cincinnati, O.

4871— Flights (Conveyor)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bowsher N. P. Co. (Hard Maple), South Bend, Ind.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Robinson Mfg. Co., Muncy, Pa.

4872— Flint

See also Quartz

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Doggett Stanley (Granulated & Powdered), 11 Cliff, New York
Eureka Flint & Spar Co. (Miners), Trenton, N. J.
Golding Sons Co. (Also Spar Mills), Trenton. N. J.
Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Illinois Mineral Milling Co., East St. Louis, Ill.
New England Quartz Co. of N. Y. (Granulated, Powdered, Potters, etc.), 150 Nassau, New York
Pennsylvania Pulverizing Co. (Ground Flint & Quartz), Lewistown, Pa.
Product Sales Co. (Ground), 32 So Calvert, Baltimore, Md.
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Trenton Flint & Spar Co. (Miners), Trenton, N. J.
Wausau Quartz Co. (Ground), Wausau. Wis.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

4873—Flint Pebbles & Flint Linings

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co. (Flint Pebbles for Pebble & Tube Mills), 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Atkins, Kroll & Co. ("Danish"), 260 California, San Francisco, Cal.
Balfour Guthrie & Co., 350 California, San Francisco, Cal.
Buebendorf Bros. (Imp), Produce Exchange, New York
Eureka Flint & Spar Co., Trenton, N. J.
Higman John W. Co. (Imp.), 29 B'way, New York
Patterson Foundry & Machine Co. (French), East Liverpool, O.
Product Sales Co. (Imp.), 32 So Calvert, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Taintor Trading Company, Inc. (Imp.), 24 State, New York
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Voigt B. (French & Danish), 154 Nassau, New York

4874— Floats (Car & Grain)

American Car & Foundry Co. (Steel or Wooden), Syndicate Trust bldg, St. Louis, Mo.

4875-6— Floats (Carbureter)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Goodnow & Blake Mfg. Co. (Metal), 4th & Porter, Detroit, Mich.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*

4877— Floats (Copper)

American Brass & Copper Co., 138 Lafayette, New York
American Mfg. Co., Dayton, Ohio
American Pin Co. ("Wonder" & "Ampinco"), Waterbury, Conn.
Ayling & Reichert Co. ("No-Sol" Seamless Copper), Toledo, O.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Bockel Wm. & Co., 518 Vine, Phila., Pa.
Boston Brass Co. ("B. B.," "Dirigo" Solderless), 135 Bacon, Waltham, Mass.
See adv index at end of book



AND BB BALL COCKS
BOSTON BRASS CO.
135 Bacon Street, Waltham, Mass.

Cleveland Faucet Co., 1205 E 55th, Cleveland, O.
Consolidated Mfg. Co., Dayton, Ohio
Detroit Metal Spinning Co. (For Tanks), 197 Monroe av, Detroit, Mich.
Douglas Jno. Co. (Glass & Copper), Carthage, Cincinnati, O.
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Gerstein Bros. & Cooper, 3 W 3d, So Boston, Mass.
Harris Arthur & Co. (Seamless, All Kinds), 212 N Curtis, Chicago, Ill.
See adv index at end of book

HARRIS
Seamless Copper Ball and Special Floats
For Pressure and Open Tank Service
4" to 10" Copper Ball Floats Carried in Stock
Write for Circular
ARTHUR HARRIS & CO.
212-218 N. Curtis Street Chicago, Ill., U. S. A.

Haydenville Co., Haydenville, Mass.
Hercules Float Works ("Hercules" for Steam Pressure), 200 Franklin, Springfield, Mass.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y.
Kraft A. C. (Also Galvanized), 323 W Lake, Chicago, Ill.
Michigan Metal Spinning & Mfg. Co. ("Non-Collapsible" Solderless), 523 Woodbridge, Detroit, Mich.
Miller Chas. A. Co. (Corrugated, Also All Steel Seamless Porcelain Enameled), Sturgis, Mich.
Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Naugatuck Mfg. Co. (Seamless), Naugatuck, Conn.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Reliance Gauge Column Co. (Solderless), Cleveland, O.
Standard Brass Mfg. Co. (Spun Solderless), Utica, N. Y.
Trageser Jno. Steam Copper Works, 447 W 26th, New York
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Metal Works (Spun), Chelsea, Mass.
WEBER BROS. METAL WORKS, 108 N Jefferson, Chicago, Ill.
Wolverine Brass Works ("Kant-Leak"), Grand Rapids, Mich.

4878— Floats (Crockery)

Bellmark Co., Trenton, N. J.
Maddock Jno. & Sons, Trenton, N. J.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Potteries Co., Trenton, N. J.

Floats (Fishing)

See Fishing Tackle Mfrs.

4879— Floats (Glass)

Dargent Chas., 360 Crescent, Brooklyn, N. Y.
Heap Wm. & Sons, Grand Haven. Mich.

4880—Floats (Plasterers' Plain Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

4880a— Floats (Seine)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Floats (Tell Tale)

See Alarms, Tank

4881— *Floats (Wooden)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

4882— Floor Coverings

Barrett Co., 17 Battery Pl, New York
Bird & Son ("Neponset"), East Walpole, Mass.
Blabon Geo. W. Co. ("Feltex" Felt Base), Nicetown, Phila., Pa.
Cook's Linoleum Co. ("Feltolin"), Trenton, N. J.
Leathersteel Products Co. ("Leathersteel," also Runners), 73H Long Wharf, Boston, Mass.
Paraffine Companies, Inc., 34 First, San Francisco, Cal.
Petrolene Co., Whiting, Ind.

Floor Dressing

See Floor Oils, Dust Absorbing

4883— Floor Finish

Acme White Lead & Color Works, St. Aubin M. C. RR., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" Floor Varnish), 726 Washington blvd, Chicago, Ill.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Atlantic Varnish Works, Inc. ("Floorenite"), Richmond, Va.
Babcock John & Co., Allston, Boston, Mass.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
BINSWANGER B. & CO. ("Zanzibolio"), 329 N 3d, Phila., Pa.
Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Butcher Polish Co. ("Butcher's Boston Polish" & "No. 3 Reviver"), 356 Atlantic av, Boston, Mass.
Calman Emil & Co. ("Floor Flat Lac"), 100 William, New York
Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.
Certain-teed Products Co. ("Certain-teed" "Weather Shield"), Boatmans, Bank bldg, St. Louis, Mo.
Chicago Varnish Co. ("Supremis," "Ebonblack" Quality), 2100 Elston av, Chicago, Ill.
Cleveland Varnish Co. ("Permanere"), 3111 E 87th, Cleveland, O.
Day Jas B. & Co., 224 W. Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc. ("Devoe" Marble), 101 Fulton, New York
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Floor-Shine Mfg. Co., 2744 Olive, St. Louis, Mo.
Fuller W. P. & Co. ("Alfro-Lac"), San Francisco, Cal.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Glidden Co. ("M. P." Durable Floor, "Jap a lac"), Madison av & Berea av, Cleveland, O.
Hanna Paint Mfg. Co. ("Lustro"), Columbus, O.
Harland Wm. & Son ("Wont-Mar"), Buffalo. N. Y.
Inlaid Floor Co., 600 Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Johnson S. C. & Son ("Johnson's" Prepared Wax), Racine, Wis.
Keystone Varnish Co. ("Floorstone," "Keystone"), 71 Otsego, Brooklyn, N. Y.

FLOOR FINISH—continued

Lawrence W. W. & Co. ("Lik-E-Namel" for Floors, Furniture, etc), W Carson, Pittsburgh, Pa.
Lilly Varnish Co. (Parquetry Floor Preservative), Indianapolis, Ind.
Lincoln Paint & Color Co. ("Tintolac"), Lincoln, Neb.
Louisville Varnish Co., Louisville, Ky.
Masury Jno. W. & Son ("Nomar"), 50 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Murphy Varnish Co. ("Transparent"), 224 McWhorter, Newark, N. J.
Newark Varnish Works ("Best" Elastic), 111 Delancey, Newark, N. J.
Nice Eugene E. ("Trokal" Liquid), 272 S 2d, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
O'Brien Varnish Co. ("Pyramid"), South Bend, Ind.
Patterson-Sargent Co. ("China-Lac"), 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Pratt & Lambert, 185 Madison av, New York
Rezilite Mfg. Co. ("Rezilite"), Peoples Gas bldg, Chicago, Ill.
Smith Edward & Co. ("I. X. L."), 127 W av, Long Island City, N. Y.
Standard Varnish Works (Gutta Percha & Flattine), ("Elastica", "Lacqueret", "Stanvor"), 90 West, New York
Truscon Laboratories ("Truscon"), Caniff & G. T. R. R., Detroit, Mich.
Vilas Bros. (Floorum Varnish), 717 S 5th av, Chicago, Ill.
Vortex Mfg. Co., W 77th, Cleveland, Ohio
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Waterall Wm. & Co. ("Floorcote"), Camden, N. J.
Wiley I. H. Waxene Co. ("Wiley's Waxene"), 68 Dover, W Boston, Mass.
Wood-Mosaic Co., New Albany, Ind.
Wadsworth, Howard & Co. ("Bay State"), 141 Federal, Boston, Mass.

Floor Lights

See Vault & Sidewalk Lights, Plain & Prismatic

4884—Floor Oils (Dust Absorbing)

American Dust Absorbing Floor Oil Co., 100 Greene, New York
Apothecaries Hall Co. ("Essex," "Revival"), Waterbury, Conn.
Baum Bros. Co., Denver, Colo.
Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 262 Fulton, Brooklyn, N. Y.
Dexter Bros. Co. (English Wood Oil Polish), 105 Broad, Boston, Mass.
Frederick Disinfectant Co., Atlanta, Ga.
Emery Mfg. Co., Bradford, Pa.
Glidden Co. ("Glidden" S Concrete Floor Dressing for Concrete & Cement Floors), Madison av & Berea av, Cleveland, O.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Lewis Samuel ("Alpine Wax Oil"), 73 Barclay, New York
Ohio Chemical Co., Findlay, O.
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Reilly Co., Indianapolis, Ind.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Chemical Co., Houston, Texas
Standard Oil Co. of N. J., 26 B'way, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Thumb E. W. ("Sunshine" Wax Oil), 871 Orleans, Chicago, Ill.
West Disinfecting Co., 411 5th av, New York
Winn Wm. R. (Jobbers), 488 Cherry, New York

4885—Floor Polish (Hard Wax)

Acme White Lead & Color Works ("Acme Quality"), St. Albin & M. C. RR, Detroit, Mich.
Baum Bros. Co., Denver, Colo.
Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
Boyle A. S. & Co. ("Old English"), 1934 Dana av, Evan, Cincinnati, O.
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Brown Chas. H. Paint Co. ("Binne"), 262 Fulton, Brooklyn, N. Y.
Butcher Polish Co. ("Butcher's Boston Polish"), 356 Atlantic av, Boston, Mass.
Day Jas B. & Co., 224 W. Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Gold Medal Polish Co., Racine, Wis.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Johnson S. C. & Son, Racine, Wis.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lowell Polish Co., Lowell, Mass.
Penn Oil & Supply Co., Ltd., Oil City, Pa.
Pratt B. G. Co. ("Hydrowax" For Cleaning & Polishing), 50 Church, New York
Sherwin-Williams Co., Cleveland, O.
Texas Company ("Texaco" Liquid), 17 Battery pl, New York *See adv index at end of book*
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wiley I. H. Waxine Co. ("Waxine"), 68 Dover, W Boston, Mass.
Wood-Mosaic Co., New Albany, Ind.

4886—Floor Stands for Valves

Coldwell-Wilcox Co., Newburgh, N. Y.
Darling Valve & Mfg. Co., Williamsport, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Ludlow Valve Mfg. Co. (Plain, Geared & Combination, Hand & Motor Operated), ft of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Simmons John Co., 110 Centre, New York *See adv index at end of book*

4887—Floor Treads (Electric Bell)

Renim Specialty Co. ("Renim" for Use with Rigid or Flexible Metallic Conduit, etc), Brighton, Boston, Mass.

4887a *Flooring (Acid Proof)

SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York

4888— Flooring (Car)

See also Flooring, Sanitary

Berger Mfg. Co. ("Keystone"), Canton, O.
Dunbar Mfg. Co. ("Chanarch"), 325 N Leamington av, Chicago, Ill.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

Flooring (Composition)

See Flooring, Sanitary)

4889— Flooring (Hard Wood)

See also Flooring, Oak

Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
American Sash & Door Co. (Wholesale), Kansas City, Mo.
Armstrong Landon Co., Kokomo, Ind.
Arpin Hardwood Lumber Co., Grand Rapids, Wis.
Brown-Mitchison Co., Marinette, Wis
Bruce, E. L. Co., Little Rock, Ark.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Central Warehouse Lumber Co., Pillsbury & Territorial, Minneapolis, Minn.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.
Cobbs & Mitchell (Inc.), (Electric, Maple & Beech). Cadillac, Mich.
Consolidated Fuel & Lumber Co. (Maple), Negaunee, Mich.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Dennis A. L Salt & Lumber Co (Birch & Maple), Grand Rapids, Mich
Dixon Lumber & Millwork Co., First National Bank bldg, Pittsburgh, Pa.
Dunfee J & Co, 40 N Franklin, Chicago, Ill.
Eaglesfield Hardwood Flooring Co., 920 Dorman, Indianapolis, Ind.
Eaglesfield & Shepard, Indianapolis, Ind.
Eckenroth F. & Son, 921 E 5th, New York
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Emporium Lumber Co., Utica, N. Y.
Gribben Lumber Co., Chicago & Walker, St. Paul, Minn.
Hardwood Interior Co., 446 6th, San Francisco, Cal.
Harris Mfg. Co., Johnson City, Tenn.
Heaton S. W., 1802 Chestnut, Phila., Pa.
Hettler Herman H. Lbr. Co. ("Modern Brand" Beech, Birch), 2601 Elston av, Chicago, Ill.
Huttig Mill Wk. Co., Kansas City, Mo.
Inlaid Floor Co., 600 Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Knoxville Lumber & Mfg. Co., Knoxville, Tenn.
Lancaster Harry & Co., Lebanon, Ky.
Mansfield Lumber Co., Mansfield, O.
Mueller Lumber Co., Davenport, Ia.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
North Vernon Lumber Co. ("Indiana" Brand), North Vernon, Ind.
Osborne & Clark, Lumber Exchange, Minneapolis, Minn.
Oval Wood Dish Corp., Tupper Lake, N. Y.
Robbins Lumber Co., Rhinelander, Wis.
Robinson Edwards Lumber Co., Burlington, Vt.
Rogers Lumber Co., Warren, Pa.
STEARNS A. T. LUMBER CO., 100 Taylor st, Boston, Mass. *See adv index at end of book*
Strable Mfg. Co., 537 First, Oakland, Cal.
Thompson Floor Co., 2209 Sutter San Francisco, Cal.
Waccamaw Lumber Co. (Bay, Poplar, N. C. Pine & Cypress), Bolton, N. C.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wilce Flooring Co. (Beech, Birch, Maple & Oak), 2209 S Throop, Chicago, Ill.
Wisconsin Land & Lumber Co., Hermansville. Mich.
Wood-Mosaic Co., New Albany, Ind.
Young W. D. & Co. (Wholesale Mfrs), Bay City, Mich.

4890— Flooring (Maple)

Acme Lumber & Shingle Co., 20 W Jackson blvd, Chicago, Ill.
American Sash & Door Co. (Wholesale), Kansas City, Mo.
Babcock Lumber Co., Frick bldg, Pittsburgh, Pa.
Basic Mfg. Co., Wilmington, Del.
Bliss & Van Auken, Saginaw, Mich.
Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.
Bruner Owen M. Co., Colonial Trust bldg, Phila., Pa.
Carr, Ryder & Adams Co. (Wholesale Mfrs), Dubuque, Ia.
Cobbs & Mitchell ("Electric" Maple & Beech), Cadillac, Mich.
Consolidated Fuel & Lumber Co., Negaunee, Mich.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
Cummer-Diggins Co., Cadillac, Mich.
Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.
Dennis A. L. Salt & Lumber Co. ("National"), Grand Rapids, Mich.
Dwight Lumber Co. (And Wholesale Dealers), River Rouge, Detroit, Mich.
East Jordan Lumber Co. ("Imperial"), East Jordan, Mich.
Eastman S. L. Flooring Co. ("Saginaw" Brand), Saginaw, Mich.
Flanner-Steger Land & Lumber Co., Blackwell, Wis.
Forman Thos. Co. (Maple & Oak, Bored & End Matched), 121 Forman, Detroit, Mich.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
Griffith Webster, Ebensburg, Pa.
Hettler Herman H. Lumber Co. ("Modern" Brand), 2601 Elston av, Chicago, Ill.
Horner Wm., Reed City, Mich.
Kerry & Hanson Flooring Co. ("Chief" Brand), Grayling, Mich.
Krouskop A. H., Richland Center, Wis.
Lobdell Emery Mfg. Co., Onaway, Mich.
Mansfield Lumber Co., Mansfield, O.
Maple Flooring Mfrs. Assn. ("M. F. M. A." Beech & Birch), Stock Ex. bldg, Chicago, Ill.
Mason-Donaldson Lumber Co., Rhinelander, Wis.
Mitchell Bros. Co. ("Rockhard"), Cadillac, Mich.
Morgan Co., Oshkosh, Wis.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
Nicola Lumber Co., Farmers Bk bldg, Pittsburgh, Pa.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
Robbins Lumber Co. ("Robbins" Rock Maple), Rhinelander, Wis.
Schroeder Jno. Lumber Co., ft Walnut, Milwaukee, Wis.
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass. *See adv index at end of book*
Stephens Henry & Co., 815 Farewell, Waters, Mich.
Stephenson I. Co. ("Ideal" Rock Maple), Wells, Mich.
Ward Bros. ("Marathon"), Big Rapids, Mich.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wilce Flooring Co., 2209 S Throop, Chicago, Ill.
Williams W. E. Co., Traverse City, Mich.
Wisconsin Land & Lumber Co. (Maple, Birch & Cherry), Hermansville, Mich.
Young W. D. & Co., Bay City, Mich.

4891— Flooring (Oak)

See also Flooring, Maple

Abrams Flooring Co., Buffalo, N. Y.
American Column & Lumber Co. ("American"), St. Albans, W. Va.
American Sash & Door Co. (Wholesale), Kansas City, Mo.
Arkansas Oak Flooring Co., Pine Bluff, Ark.
Arkansas Short Leaf Lbr. Co., R. A. Long bldg, Kansas City, Mo.
Barker-Bond Lumber Co., 405 Lexington av, New York
Bliss Cook Oak Co. ("Dixie" Brand), Blissville, Ark.

Bruce E. L. Co., Little Rock, Ark.
Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
De Soto Hardwood Flooring Co., Memphis, Tenn.
Dwight Lumber Co., River Rouge, Detroit, Mich.
Eaglesfield Hardwood Flooring Co., 920 Dorman, Indianapolis, Ind.
Farrin M. B. Lumber Co. ("Century," also Poplar Siding), Station av & Winton pl, Cincinnati, O.
Forman Thos. Co. ("Forman's Famous"), 121 Forman, Detroit, Mich.
Gordon Vantine Co., Davenport, Ia.
Gribben Lumber Co., Chicago & Walker, St. Paul, Minn.
Harris Hardwood Co., Inc., Roanoke, Va.
Harris Mfg. Co., Johnson City, Tenn.
Hettler Herman H. Lbr. Co. ("Modern Brand"), 2601 Elston av, Chicago, Ill.
Kenova Hardwood Flooring Co., Kenova, W. Va.
Krouskop A. H., Richland Center, Wis.
Louisiana Long Leaf Lumber Co. ("Diamond"), Fisher, La.
Louisville Planing Mill Co., Dept. H, Beech & Woodland, Louisville, Ky.
Mansfield Lumber Co., Mansfield, O.
Meadow River Lbr. Co., Rainville, W. Va.
Memphis Hardwood Flooring Co. ("Chicksasaw" Brand), Memphis, Tenn.
Missouri Lumber & Land Exchange Co. (Bored & Hollow Backed), R. A. Long bldg, Kansas City, Mo.
Mitchell Bros. Co. ("Red Oak"), Cadillac, Mich.
Moratz Paul O., Bloomington, Ill.
Morgan Co., Oshkosh, Wis.
Mowbray & Robinson Co., 8th & Horn, Cincinnati, O.
Nashville Hardwood Flooring Co. ("Acorn"), Nashville, Tenn.
Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
Oak Flooring Service Bureau, Union Trust bldg, Cincinnati, O.
Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
Ritter W. M. Lumber Co., 115 E. Rich, Columbus, O.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Ronceveste Lbr. Co., Ronceveste, W. Va.
Rose D. M. & Co., Knoxville, Tenn.
Salt Lick Lumber Co. ("Eureka"), Salt Lick, Ky.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Tenn. Lbr. & Coal Co., 2nd Nat'l Bank bldg, Cincinnati, O.
Tenn. Oak Flooring Co. ("Tofco"), Nashville, Tenn.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wilce Flooring Co., 2209 S Throop, Chicago, Ill.
Wood-Mosaic Co., Main Office & Works, 140 W 42d, New York
Yellow Poplar Lbr. Co., Coal Grove, O.

4892— Flooring (Sanitary)

Acme Asbestos Covering & Supply Co. ("Acmetyle"), 234 N Elizabeth, Chicago, Ill. *See adv index at end of book*
American Magnesia Products Co. (Vevetile Composition), 418 W 12th pl, Chicago, Ill.
American Monolith Co. ("Monolith"), 97 Wisconsin, Milwaukee, Wis.
Am. Mosaic & Tile Co. (Composition), Dept. H, Louisville, Ky.
Armstrong Cork & Insulation Co. (Composition, "Linotile"), 24th & A V R R, Pittsburgh, Pa.
Artificial Bldg. Products Co., Inc. ("Magno") Real Estate Exchange bldg, Detroit, Mich.
Asbestolith Mfg. Co., 1 Madison av, New York
Basic Mfg. Co., Wilmington, Del.
Byerly & Sons, 2489 W 4th, Cleveland, O.
Cheney & Co., Inc. ("Troegerlith" Composition), 134 W 18th, New York
Corrugated Bar Co. ("Corr-Plate"), Mutual Life bldg, Buffalo, N. Y.
Dreadnought Flooring Co. (Cork Composition), 154 W 18th, New York
Djorup Frantz ("Austrian-American," "Flint-O-Lith"), 133 Washington, Chicago, Ill.
Everlasbestos Flooring Co. ("Everlasbestos" Magnesite Composition), 93 North, Rochester, N. Y.
Fibrestone & Roofing Co., 199 10th, San Francisco, Cal.
Flexner-Taylor Co. (Ltd.) ("F. & F. Composition Red"), 786 E Broadway, South Boston, Mass.
Flexotile Flooring Co. ("Flexotile"), Rockford, Ill.
Flintkote Mfg. Co. ("Rex Adamat"), 83 Pearl, Boston, Mass.
Ford Mfg. Co. ("Oak-A-Nite," "Gal-Va-Nite"), 2339 La Salle, Chicago, Ill.
General Kompolite Co. ("Kompolite"), 327 Borden av, Long Island City, N. Y.
Hydrolith Co. ("Hydrolith"), 25 Dean, Brooklyn, N. Y.
Idealite Co. ("Idealite" Corborundum), Cincinnati, O.
Imperial Floor Co., Rochester, N. Y.
Ironite Co. ("Ironite"), 111 W Washington, Chicago, Ill.
Keasbey Robt. A. Co. ("Crown"), 445 West, New York
Kennedy David E. (Inc.) ("Arrowlock" Electric & "Nonpareil" Cork), 62 W 14th, New York
Malott & Peterson Inc. ("Elasco," "Kompolith," "Magnesite"), Monadnock bldg, San Francisco, Cal.
Marbleoid Co. ("Sanitas," "Marbleoid"), 47 W 34th, New York
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.
Minnesota Fama Stonewood Co. ("Fama Stonewood" Jointless), 1704 Rondo, St. Paul, Minn.
Muller Franklyn R. & Co. ("Asbestone" & "Steel Bond"), Waukegan, Ill.
National Kellastone Co. ("Kellastone" Composition), 5 S Wabash av, Chicago, Ill.
Petro Pulp Floor Co. ("Petro" Pulp), Grand Av Temple, Kansas City, Mo.
Phila. Mineral Flooring Co., 5682 Summer, Phila., Pa.
Plastone Co. ("Plastone"), Los Angeles, Cal.
Raecolith Flooring Co. ("Raecolith," "Watsonite"). Seattle, Wash.
Republic Creosoting Co., Merchants Bank bldg, Indianapolis, Ind.
See adv index at end of book
Rezilite Mfg. Co. ("Rezilite"), Peoples Gas bldg, Chicago, Ill.
San Ti-Life Corpn., 120 Plum, Syracuse, N. Y.
Sanitary Composition Floor Co., Syracuse, N. Y.
Schenectady Tile Co. (Composition), Schenectady, N. Y.
Schillinger Bros. Co., 215 City Park av, Toledo, O.
SPECIAL SERVICE FLOORING CORP. (Asphalt), 2009 Grand Central Terminal, New York
Standard Paint Co. ("Ru-ber-old"), 233 B'way, New York
Taylor Ronald Co. ("Taylorite"), 520 E 20th, New York
Tileine Universal Flooring Co., 437 W. 33d, New York
20th Century Mineral Flooring Co., 1210 Buttonwood, Phila., Pa.
U. S. Kellastone Co. ("Kellastone"), Chicago, Ill.
Warren Bros. Co. ("Puritan," "Colonial," "Terrazolite"), 142 Berkeley, Boston Mass.
Wearcrete Engineering Co. (Fatigue Eliminating & Liquid Linoleum), H, Peoples Gas bldg, Chicago, Ill.
Williams-Wendt Co. ("Korkstone"), 118 N La Salle, Chicago, Ill.
Woodoleum Mfg. Co., Liberty bldg., Phila., Pa.
Wright L. L. Waterproofing & Construction Co., Inc., 250 Lorraine, Brooklyn, N. Y.

4892a— *Flooring (Servicite)

SHANLEY J. F., 38 Septon bldg, San Diego, Cal.
SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York

4893—Flooring (Wood Block)

See also Paving Blocks, Wood

Abrams Flooring Co., Buffalo, N. Y.
Jennison-Wright Co. ("Kreolite"), Toledo, O.
Michigan Wood Preserving Co. (Creosoted), ("Century"), Century bldg, Pittsburgh, Pa.
Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
Ohio Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
REPUBLIC CREOSOTING CO., Merchants Bank bldg, Indianapolis, Ind.
See adv index at end of book
Wilson J. G. Corp'n., The (English System), Chief Office: 8 W 40th, New York, Mills & Factory: Norfolk, Va.
See adv index at end of book
Wood-Mosaic Co., New Albany, Ind.

4893a—Floors (Cork, Brick & Tile)

Armstrong Cork & Insulation Co., 24th & A V RR, Pittsburgh, Pa.

4893b— Floors (Iron)

Irving Iron Wks., Long Island City, N. Y.
Petroleum Iron Works, Sharon, Pa.

4894—Floors (Iron Slat, For Smoke Houses)

Gehret Bros., Bridgeport, Pa.

4895— Floors (Malt Kiln)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Galland-Henning Mfg. Co. (Perforated), Railway Exch. bldg, Milwaukee, Wis.
Howard & Morse, 45 Fulton, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Schillinger Bros. Co., 215 City Park av, Toledo, O.
Sicilian Asphalt Paving Co., 41 Park row, New York
Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.

4896— Floors (Parquet)

Star (*) Indicates Manufacturers

Abrams Flooring Co., Buffalo, N. Y.
Adams J. M., 330 N Charles, Baltimore, Md.
Adams R. T. & Co. (Wood Mosaic Flooring Co.), 15 Milk, Boston, Mass.
American Parquetry Floor Co., 802 Bailey Bl, Phila., Pa.
*Bostwick-Goodell Co., Norwalk, O.
Boynton John H., 3 W 14th, New York
Chicago Floor Co., 730 S Wabash av, Chicago, Ill.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.

Kreodone Interior Wood Block Floors

KREODONE BLOCKS form the best heavy duty floor that has ever been developed.

For more than twenty years they have stood without an equal for durability and economy.

Made from the best of long-leaf yellow pine. Preserved with the highest grade of pure creosote oil on the market. They never bleed tar.

Write us for particulars and figures.

Republic Creosoting Company INDIANAPOLIS, INDIANA
Plants and Branches in Principal Cities

FLOORS (PARQUET)—continued
Cleveland Hardwood Floor Co., Cleveland, O.
Dunfee J. & Co., 40 N Franklin, Chicago, Ill.
Eaglesfield Hardwood Flooring Co., 920 Dorman, Indianapolis, Ind.
Eaglesfield & Shepard, Indianapolis, Ind.
*Federal Parquetry Mfg. Co., 3 W 14th, New York
Frings Martin, 3639 N 11th, Phila., Pa.
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
Hasbrouck Flooring Co., 501 E 70th, New York
Heaton S. W., 1802 Chestnut, Phila., Pa.
Indiana Flooring Co., 232 Rider av, New York
Inlaid Floor Co., 600 Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Interlaced Parquetry Co., 13 Lawrence, New York
*Johnson S. C. & Son, Racine, Wis.
*Koch G. W. & Son, 537 W 53d, New York
McBride Jas. Flooring Corp., 2417 Valentine av, New York
Moore J. C. Co., 9 S 18th, Phila., Pa.
National Wood Floor Co., 607 W 43d, New York
*New York Flexible Wood Flooring Co., 112 W 42d, New York
*Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
Northwestern Parquet Floor Co., 142 E Lake, Minneapolis, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
*Pope Charles A., 320 E 95th, New York
Reid, Wm. G. & Co. 16 W 47th, New York
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Terwilliger Floor Mfg. Co., 607 W 43d, New York
*Wood-Mosaic Co., New Albany, Ind.

4896a—Floors (Perforated Steel)

Irving Iron Wks. Co., Long Island City, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Floors (Sanitary)

See Flooring, Sanitary

Flotation Oils

See Oils, Pine; also Oils, Tar

4897— Flour (Buckwheat)

Acme Milling Co., Corry, Pa.
Albers Bros. Milling Co., Portland, Ore.
Alert Mills, Fountain City, Wis.
Almond Roller Mills (O. Culver), Almond, Wis.
Argo Milling Co., Charlevoix, Mich.
Avis Milling Co., Waldron, Mich.
Birkett Mills, Penn Yan, N. Y.
Blair Milling Co., Atchison, Kans.
Blodgett-Holmes Co., Janesville, Wis.
Blyth E. J., Walworth, N. Y.
Bowles Bros. Co., Los Angeles, Cal.
Commercial Milling Co. (& Self Raising Pancake), 229H Randolph, Detroit, Mich.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Corno Mills Co., St. Louis, Mo.
Cox A. G., Osseo, Wis.
Dayton Milling Co., Towanda, Pa.
Dean Silas & Son, Oak Hill, N. Y.
Elk Eye Milling Co., McConnellsville, O.
Elmore Milling Co., Oneonta, N. Y.
Filkins O. B., Stanton, Mich.
France Milling Co., Cobleskill, N. Y.
Friedline Wm., Sipesville, Pa.
Gilbert & Nichols Co., Fulton, N. Y.
Goshen Milling Co., Goshen, Ind.
Hale Jonathan & Sons, Lyons, Mich.
Harris Milling Co., Mt. Pleasant, Mich.
Herrick A. H. & Son, Watertown, N. Y.
Hunt & Washburn, Delanson, N. Y.
Huron Milling Co., Huron, S. Dak.
Johnson & Co., Franklin, Pa.
King Milling Co., Lowell, Mich.
Klingler H. J. & Co., Butler, Pa.
Lampman J. T. & Co., Claverack, N. Y.
Larrowe Milling Co., Cohocton, N. Y.
Messenger H. B., Federalsburg, Md.
Michigan Milling Co., Ann Arbor, Mich.
New Occidental Mill Co., Minneapolis, Minn.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
Paterson Geo. B., Burdett, N. Y.
Rhinehart Grain Co., Unipolis, O.
Saginaw Milling Co., Saginaw, Mich.
Simison David D., Volant, Pa.
Smith Joseph & Co., Stockton, N. J.
Struve John, Lyons, Ia.
Tioga Mill & Elevator Co., Waverly, N. Y.
Titus & Hicks, Battle Creek, Mich.
Van Wyck & Stringham, Fishkill Plains, N. Y.
Vorhis F. C., Brookton, N. Y.
Voshell J. C. & Son, Camden, Del.
Wapsipinicon Mill & Power Co., Independence, Ia.
Watson-Higgins Milling Co., Grand Rapids, Mich.
White Milling Co., Bloomsburg, Pa.
Wiest George, Fort Atkinson, Ia.
Willy & Co., Appleton, Wis.
Wright Stillman & Co., Berlin, Wis.
Youman E. E., Ravena, N. Y.

4898— Flour (Carbon)

American Carbon & Battery Co., E St. Louis, Mo.
National Carbon Co., Madison av, N. W. & W. 117, Cleveland, O.

4899—Flour (Core or Foundry)

Black Products Co., 135th & Calumet, Chicago, Ill.
Paxson J W. Co., 1021 N Delaware av, Phila., Pa.
Piqua Flour Co. (Core Flour), Piqua, O.
Springfield Facing Co., Springfield, Mass. *See adv index at end of book*
Whitehead Bros. Co., 537 W 27th, New York

4900— Flour Mill Builders

Barnard Machinery Co., Enterprise, Kan.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kans.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
ROBINSON MFG. CO., Muncy, Pa.
Salem Foundry & Machine Works, Salem, Va.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., 445 Guilford av, Baltimore, Md.

4901— Flour Mills

ALABAMA.

ATHENS—Black M. J. & Sons
BIRMINGHAM—Goodlander Milling Co.
BRUNDIDGE—Allen T. B.
CROSSVILLE—Jones W. B.
JENIFER—Priebe Mrs. E.
MOBILE—Alabama Corn Mills Co.
NEW MARKET—Rodgers A. D. & W. E.
PRATTVILLE—Pratt Gin & Milling Co.
ST. FLORIAN—Rasch T. J.
SEALE—Holland William H.
SPRINGVILLE—Ewing B.
TALLADEGA—Bingham Mills
WALNUT GROVE—Frix J. J.

ARIZONA.

PHOENIX—Phoenix Flour Mills
SAFFORD—Gila Valley Milling Co.
TUCSON—Eagle Milling Co.

ARKANSAS.

ARKADELPHIA—Arkadelphia Milling Co.
BENTONVILLE—Eagle Milling Co.
BERRYVILLE—Berryville Milling Co.
CASSCOE—Trice W. T. & Bro.
DEVALL BLUFF—Devall Bluff Gin & Milling Co.
EVENING SHADE—Moser Geo. W.
GILLHAM—Campbell W. M.
HINDSVILLE—Polk W. C.
JAMESTOWN—Jamestown Milling Co.
JONESBORO—Jonesboro Roller Mill Co.
KINGSTON—Kingston Milling Co.
MALVERN—Clem John M. & Son
MAMMOTH SPRING—Mammoth Spring Milling Co.
MAYSVILLE—Parkins W. B.
MINERAL SPRINGS—Dillard & Jones
MOUNTAIN HOME—Underhill Dillen
OZAN—Robins A. J.
PARIS—Bartsch August
PEA RIDGE—Pea Ridge Milling Co.
PIGGOTT—Clay County Mill & Elevator Co.
PINE BLUFF—Marco Mills
RECTOR—Rector Milling Co.
ROSIE—Rosie Mill & Gin Co.
ST. FRANCIS—Sprague A. O.
STEPROCK—Ellis R. S.
SUMMERS—Barton & Bro.
VALLEY SPRINGS—Valley Springs Milling Co.
WEST FORK—West Fork Mill Co.

CALIFORNIA.

COLUSA—Colusa Milling Co., Inc.
DURHAM—Durham Mill Co.
MONTAGUE—Mount Shasta Milling Co.
OAKDALE—Oakdale Milling Co.
OLIVE—Olive Milling Co.
PASADENA—Pasadena Milling Co.
PETALUMA—Golden Eagle Milling Co.
SAN FRANCISCO—Sperry Flour Co.
Yosemite Flour Mills
SANTA ROSA—Santa Rosa Flour Mills Co.
UKIAH—Ukiah Milling Co.
WATSONVILLE—Trafton G. A. & Son

COLORADO.

ALAMOSA—Alamosa Flour Mills
ANTONITO—Conejos Co-operative Roller Mills & Mfg. Co.
BERTHOUD—Farmers' Flour Mills
DENVER—Crescent Flour Mills
GOLDEN—Rock Flour Mills
GRAND JUNCTION—Mesa Flour Mill
GREELEY—Model Flour Mills
LONGMONT—Longmont Flour Mills
SAN LUIS—Parrish W. S.
WRAY—Wray Mills Co.

DELAWARE.

CAMDEN—Howell Thos. H.
LAUREL—Records W. T. & Son
WILMINGTON—Lea Milling Co.

GEORGIA.

ADAIRSVILLE—Veach J. M. Co.
ATLANTA—Atlanta Milling Co.
AUGUSTA—Clark Milling Co.
BUTLER—McCants J. J.
CALHOUN—Calhoun Roller Mills
CARNESVILLE—Carnesville Gin & Milling Co.
CARROLLTON—New D. F.
CAVE—Gaines L. P.
CEDARTOWN—Lovvorn W. J.
COLUMBUS—City Mills Co.
Empire Mills Co.
CUSSETA—Gordy Geo. G.
DALTON—Barrett, Denton & Lynn Co.
DOUGLASVILLE — Douglasville Roller Mill
DUBLIN—Pope J. T.
FORSYTH—Thurmond Bros.
FORT VALLEY—Georgia Milling Co.
GAINESVILLE—Gainesville Roller Mills Co.
GRAYSVILLE—Gray Bros.
LA FAYETTE—La Fayette Roller Mills
McHENRY—Fields L. C.
MAYSVILLE—Bacon Milling Co.
MILLEDGEVILLE—Oconee River Mills
NEWNAN—Askew W. S. Co.
RISING FAWN—Cureton Geo. W.
ROCKY FACE—Hassler S. R.

IDAHO.

BLACKFOOT—Blackfoot Farmers' Milling Co., Ltd.
COEUR D'ALENE — Coeur D'Alene Grain & Milling Co.
CONANT—Conant Edward
COTTONWOOD—Cottonwood Milling & Elevator Co.
MENAN—Menan Milling Co., Ltd.
MOSCOW—Miller Mark P. Milling Co.
PARIS—Paris Roller Mills Co.
PRESTON—Preston Milling Co.

ILLINOIS.

ALTAMONT—Johnston-Hicks Mill Co.
ALTON—Sparks Milling Co.
ANNA—Bruchhauser Bros.
AVA—Dean Mill Co.
BELLEVILLE—Imbs J. F. Milling Co.
CARLYLE—Carlyle Milling Co.
COLLINSVILLE—Tiedemann Chas. Milling Co.
COLUMBIA—Columbia Star Milling Co.
HIGHLAND—Highland Milling Co.
MARINE—Valier & Spies Milling Co.
MARISSA—Meek Milling Co.
MASCOUTAH—Postel Ph. H. Milling Co.
MURPHYSBORO—Reliance Milling Co.
Southern Illinois Milling & Elevator Co.
NASHVILLE—Camp Spring Mill Co.
Huegly Milling Co.
NEW BADEN—New Baden Milling Co.
O'FALLON—Tiedmann Milling Co.
OLNEY—Olney Milling Co.
PEORIA—Gift J. W. & Co.
PITTSFIELD—King M. D. Milling Co.
PRAIRIE DU ROCHER—Schoening-Koenigsmark Milling Co.
QUINCY—Knollenberg Milling Co.
RED BUD—Becker C. Milling Co.
Ziebold G. Milling Co.
TEUTOPOLIS—Siemer Milling Co.
TRENTON—Trenton Milling Co.
VALMEYER—Salt Lick Milling Co.
WATERLOO—Koenigsmark Mill Co.

INDIANA.

BEDFORD—Lemon Milling Co.
BERNE—Berne Milling Co.
CAMBRIDGE CITY—Creitz W. A. Co.
COLUMBIA CITY—Tuttle R. & Co.
COLUMBUS—Schaeffer & Schwartzkopf
EVANSVILLE—Akin-Erskine Milling Co.
Brose & Aronold
Iglehart Bros.
Phoenix Flour Mills
Ziliak & Schafer Milling Co.
FAIRMOUNT—Ulrey A. A. & Co.
FORT WAYNE—Mayflower Mills
Tresselt C. & Sons
GOSHEN—Goshen Milling Co.
HAUBSTADT—Ziliak-Shafer Milling Co.
INDIANAPOLIS—Acme-Evans Co.
Blanton Milling Co.
KENT—Kent Milling Co.
LAWRENCEBURG—Lawrenceburg Roller Mills Co.
LAFAYETTE—Lafayette Corn Flour Mills
LOOGOTEE—Walker P. M. & Co.
MARION—Thomas Milling Co.
MOUNT VERNON—Fuhrer-Ford Milling Co.
NEW HARMONY—Fuhrer-Ford Milling Co.
PERU—Peru Milling Co.
PRINCETON—Moore R. P. Miling Co.
Princeton Milling Co.
RICHMOND—Richmond Roller Mills
SHERIDAN—Sheridan Milling Co.
SHOALS—Star Milling Co.

IOWA.

CLARINDA—Shambaugh & Son.
ELKADER—Schmidt Bros. & Co.
LE MARS—Plymouth Milling Co.
RED OAK—Replogle Co.
SIOUX CITY—Mystic Milling Co.
WALNUT—Walnut Milling Co.

KANSAS.

ABILENE—Security Flour Mills Co.
ARKANSAS CITY—Arkansas City Milling Co.
New Era Milling Co.
ATCHISON—Lukens Milling Co.
BUHLER—Buhler Mill & Elevator Co.
CALDWELL—Caldwell Milling Co.
CHERRYVALE—Sauer N. Milling Co.
CLAFLIN—Claflin Mill & Elevator Co.
CLAY CENTER—Snell Mill & Grain Co.
CLYDE—Clyde Milling & Elevator Co.
CONCORDIA—Concordia Milling Co.
ELLINWOOD—Wolf Milling Co.
EMPORIA—Soden J. R.
FORT SCOTT—Goodlander Milling Co.
FREDONIA—Wiley Milling Co.
GREAT BEND—Barton County Flour Mills Co.
Walnut Creek Milling Co.
JUNCTION CITY—Hogan Milling Co.
KIRWIN—Jackson John W. & C. R.
LEAVENWORTH—Leavenworth Milling Co.
Lysle J. C. Milling Co.
LEHIGH—Groening Bros.
LINDSBORG—Lindsborg Milling & Elevator Co.
Smoky Valley Roller Mills
LYONS—Lyons Milling Co.
McPHERSON—Colburn Bros. Co.
Wall-Rogalsky Milling Co.
MOUNDRIDGE—Moundridge Milling Co.
NEODESHA—Land Milling Co.
NEWTON—Newton Milling & Elevator Co.
OSWEGO—Pearl Roller Mill Co.
RUSSELL—Russell Milling Co.
SALINA—Lee H. D. Flour Mills Co.
SYLVIA—Sylvia Larned Milling Co.
TOPEKA—Kaw Milling Co.
Page Thomas Milling Co.
Shawnee Milling Co.
Topeka Flour Mill Co.
TROY—Clark Bros.
WELLINGTON—Hunter Milling Co.
Wellington Milling & Elevator Co.
WICHITA—Kansas Milling Co.

KENTUCKY.

ADAIRVILLE—Orndorff & Cheney
AKERSVILLE—Akersville Roller Mill Co.
ALBANY—Hancock Bros.
ALVATON—Larmon L. M.
ARLINGTON—Neville W. N.
ASHLAND—Ashland Milling Co.
Poage R. C. Milling Co.
AUBURN—Auburn Mills
BARLOW—Stahl & Rudolph
BEAVER DAM—Beaver Dam Milling Co.
Farmers' Milling Co.
BERRY—Kendall William C.
BETHLEHEM—Sewell W. F.
BLOOMFIELD—Bloomfield Mill Co.
BOWLING GREEN—Bowling Green Milling Co.
Park City Milling Co.
BRADFORDVILLE—Walker H. C., & Co.
BROOKSVILLE—Farmers' & Merchants' Milling Co.
BUFFALO—Keith Bros.
BURNSIDE—Burnside Roller Mills
CADIZ—White A. P. & Co.
CAMPBELLSBURG—Blue Grass Milling Co.
CANE VALLEY—Cane Valley Mill Co.
CANEYVILLE—Shrewsbury & Washburn
CARLISLE—Carlisle Milling Co.
CAVE CITY—Farris Milling Co.
CAYCE—Cayce Milling Co.
CERULEAN—Standard Roller Mills Co.
CLARKSON—Clarkson Milling Co.
CLAY POOL—Britt J. A. & Son
CLAYSVILLE—Harding J. W.
CLOVERPORT—Squires B.
COLESBURG—Pardee C. A.
CORYDON—Corydon Milling Co.
CRITTENDEN—Collins Richard L. & Sons
CUMMINSVILLE—Cummins Chas.
CYNTHIANA—Crescent Milling Co.
Crown Jewel Milling Co.
DANVILLE—Anderson & Spilman
DAWSON SPRINGS—Dawson Milling Co.
DUNDEE—Renfrow & Dean
EDMONTON—New Edmonton Mills, Inc.
ELGIN—Albright A. & Sons
ELIHU—Parker E. F.
ELIZABETHTOWN—Elizabethtown Milling Co.
ELKTON—Damon W. F.
EMINENCE—Eminence Milling Co.
ETOILE—Williams & Scott
EUBANK—Payne & Estes
FALMOUTH—Ideal Roller Mills
FRANKLIN—College Mill Co., Simpson County Mills
GAMALIEL—Comer & Beals
GEORGETOWN—Wolfe R. H. & Son
GERMANTOWN—Germantown Milling Co.
GRADYVILLE—Rogers, Rose & Co.
GREENSBURG—Wilson Milling Co.
GREENUP—Greenup Milling Co.
GREENVILLE—Home Milling Co.
Shaver J. A.
HARDYVILLE—Philpot & Co.
HARRODSBURG—Adams & Langford
Williams John P.
HARTFORD—Ford J. W.
HENSHAW—Johns Alfred Milling Co.
HODGENVILLE—Hodgenville Roller Mills
HOPKINSVILLE—Acme Mills
Cate James & Son Co.
Hopkinsville Milling Co.
HORSECAVE—Poynter R. P. & Sons
HUNTERSVILLE—Spring Creek Roller Mill Co.
IRVINE—Snowden A. D. & Bro.
IRVINGTON—Irvington Mill & Elevator Co.
JAMESTOWN—Kerns & Reese
KNOBLICK—Thompson T. W.
KUTTAWA—Kuttawa Milling Co.
LANCASTER—Garrard Milling Co.
Lancaster Flour Mills
LAWRENCEBURG—Eagle Roller Mills, Inc.
LEITCHFIELD—Leitchfield Milling Co.
LEWISPORT—Lewisport Mill Co.
LEXINGTON—Lexington Roller Mills Co.
Woolcott Flour Mills
LOUISA—Big Sandy Milling Co.
LOUISVILLE—Acme-Jones Co.
Ballard & Ballard Co.
Louisville Cereal Mill Co.
Wathen Milling Co.
McQUADY—Bates J. B.
McQuady Milling Co.
MADISONVILLE—Madisonville Milling Co
MARION—Baker & Mays
Marion Milling Co.
MAXON MILL—Temple, Adams & Sons
MAYSVILLE—Carr R. A.
MELBER—Fry John W.
MILLSPRINGS—Roberts B. E. & Co.
MINTONVILLE—Roy & Dye
MONTICELLO—Stokes J. J. & Son
Tate J. H. & Co.
MOOLEYVILLE—Redmon, T. F.
MORGANFIELD—Crown Roller Mills
MURPHYSVILLE—Rhodes & Gault
MURRAY—Moore J. J. & Son
NEW HAVEN—Florence B. D. & Son
New Haven Mill Co.
NEWPORT—Dorsel Co.
NOLIN—Nolin Milling Co.
OWENSBORO—Bransford Mills
Broeker Chas. & Co.
PARIS—Paris Milling Co.
PARKSVILLE—Powell C. E.
PEMBROKE—Pembroke Roller Mills
PETERCREEK—Jones J. H.
PRINCETON—Kevil R. U. & Sons
RICHMOND—Zaring J. W. Grain & Mill Co.
RINEYVILLE—Rineyville Roller Mills Co.
ROCKY HILL STATION—Philpot & Lile
RUSSELLVILLE—Ellis T. M. & Co.
SADIEVILLE—Sadieville Milling Co.
SANDERS—Williams E. I. & Co.
SCIENCE HILL—Science Hill Milling Co.
SCOTTSVILLE—Scottsville Milling Co.
SHELBYVILLE—Long S. M. & Son
SLAUGHTERS—Ogden E. F.
SMITHS GROVE—Model Roller Mills Co.
SOMERSET—Somerset Milling Co.
SOUTH CARROLLTON—Wolcott J. F. & Co.
SPARTA—Brock V. A.
STAMPING GROUND—Palmer & Sinkhorn
STANFORD—Baughman J. H. & Co., Inc.
Kennedy D. V. & Co.
Lyon C. S.
Spoonamore F. P.
STILLWATER—Rose & Cecil
STITHTON—Aubrey C. H.
STURGIS—Sturgis Milling Co.
SULPHER WELL—Marcum S. M. & Bro.
SUNRISE—Bradford & Elliott
TATHAM SPRINGS—Carey Bros.
TAYLORSVILLE—Beauchamp I. D.
Crescent Roller Mills Co.
UNIONTOWN—Uniontown Roller Mill Co.
VALLEY OAK—Bobbitt James H.
VANARSDELL—Vanarsdell R. S.
VINEGROVE—Burkhardt W. A.
WACO—Rucker, Benton & Co.
WELDON—Coleman & Smith
WHITE MILLS—Richardson J. D. & Son
WHITE'S STATION—Potts R. L. & Son

LOUISIANA.

ALBERTA—Wardlow H. P.
LAKE CHARLES—Louisiana Grain & Milling Co., Ltd.
SIMSBORO—Burt W. A. & Son

MARYLAND.

BALTIMORE—Gambrill C. A. Mfg. Co., 104 Commerce
CUMBERLAND—Cumberland Milling Co.
FOWLING CREEK—Deen C. Clarence
POCOMOKE CITY—Eagle Mills
WALKERSVILLE—Glade Valley Milling Co.

MICHIGAN.

ALBION—Albion Milling Co.
ANN ARBOR—Michigan Milling Co.
BARK RIVER—Rood M. & Co.
BIG RAPIDS—Darrah Milling Co.
BLOOMINGDALE—Bloomingdale Milling Co.
CADILLAC—Cornwall J. & Sons
CAMDEN—Alward B. R.
COLDWATER—Coombs Wm. A. Milling Co.
COLON—Lamberson C. A. & Co.
CONSTANTINE—Constantine Milling Co
DETROIT—Commercial Milling Co., 229 Randolph
Detroit Milling Co., 1908 Division
DOWAGIAC—Colby Milling Co.
FLINT—Burroughs J. P. & Son
GREENVILLE—Wright Bros. & Co.
HOLLAND—Beach Milling Co.
JACKSON—Heywood Milling Co.
Taylor Thomas B.
JENISON—Jenison L. & L. Co.
LAKEVIEW—Lakeview Milling Co.
MIDDLEVILLE—French R. T.
MONROE—Ameudt Milling Co.
MORENCI—Kellogg & Buck
MT. PLEASANT—Harris Milling Co.
PETOSKEY—Hankey Milling Co.
PORTLAND—Portland Milling Co.
SAGINAW—Brand & Hardin Milling Co.
Callam Mills
SOUTH ROCKWOOD—Strong John Co.

MINNESOTA.

APPLETON—Jennison W. J. Co.
AUSTIN—Peerless Roller Mills Co.
BADGER—Sjoberg Bros.
BLUE EARTH—Blue Earth City Mill Co.
CANNON FALLS—Cannon Valley Milling Co. (See Minneapolis)
CROOKSTON—Crookston Milling Co.
DULUTH—Duluth Universal Milling Co.
FAIRFAX—Crescent Milling Co.
FERGUS FALLS—Fergus Flour Mills Co.
FOSSTON—Stadsvold S. S.
FRAZEE—Stelzner Charles J.
HUTCHINSON—Ames Bros.
KENYON—Gunderson Milling Co.
LAKE CITY—Tennant & Hoyt Co.
LITTLE FALLS—Northwestern Milling Co.
MADELIA—Christensen C. S. Co.
MARSHALL—Marshall Milling Co.
MAZEPPA—Olson & Nels M.
MELROSE—Melrose Milling Co.
MINNEAPOLIS — Barber Milling Co., Cham. Com.
Big Diamond Mills Co., 922 Flour Ex.
Blaisdell Milling Co., Met. Nat'l Bank bldg.
Cannon Valley Milling Co., 822 Flour Exch.
Christian Geo. C. & Co., Inc., New Cham. Com.
Commander Mill Co., 922 Flour Exch.
Jennison W. J. Co., 922 Flour Exch.
National Milling Co., 820 Flour Exch.
Phoenix Mill Co., 112 6th
Russell-Miller Milling Co., Security bldg.
Washburn-Crosby Co., Cham. Com.
MONTEVIDEO—Chippewa Milling Co.
MORGAN—Green Casper & Son
Morris City Mills
NORTH BRANCH—North Branch Milling Co.
NORTHFIELD—Ames Mill
CAMPBELL—L. G. Milling Co.
OSAKIS—Osakis Milling Co.
PELICAN RAPIDS—Frazee H. E.
RED WING—Red Wing Milling Co.
ST. JAMES—St. James Milling Co.
ST. JOSEPH—St. Joseph Milling Co.
SHAKOPEE—Christian L. & Co., Inc.
SPRINGFIELD—Springfield Milling Co.
WABASHA—Wabasha Roller Mill Co.
WELLS—Wells Flour Milling Co.
WINDOM—Collins T. C. & Son

MISSISSIPPI.

ALPHABA—Massey H. C. & Bro.
CORINTH—Union Mill, Gin & Warehouse Co.
EUPORA—Finch T. A.
LENA—Garrett Bryant
WEST—West Gin & Mill Co.

MISSOURI.

AURORA—Aurora Milling Co.
Majestic Milling Co.
BLOOMFIELD—Buck & Toole Milling Co.
BONNE TERRE—Moran Bros.
BOONVILLE—Sombart Milling Co.
BOWLING GREEN—Hume Mill Co.
CALIFORNIA—Kuhlmann & Meyer
CARTHAGE—Cowgill & Hill Milling Co.
McDaniel Milling Co.
CHARLESTON—Charleston Milling Co.
DE SOTO—De Soto Roller Mills
FARMINGTON—Farmington Milling Co.
Giessing Milling Co.
FLAT RIVER—Reuter Milling Co.
GLASGOW—Glasgow Milling Co.
HANNIBAL—Carter, Shepherd & Milling Co.
Hannibal Milling Co.
HERMANN—Eggers Milling Co.
HIGGINSVILLE—Higginsville Milling Co.
INDEPENDENCE—Waggoner-Gates Milling Co.
JACKSON—Cape County Milling Co.
JEFFERSON CITY — Dulle G. H. Milling Co.
JOPLIN—Brand-Dunwoody Milling Co.
KANSAS CITY—Kidder R. E. Flour Mills
Kimball Milling Co., 223 Board of Trade
Zenith Milling Co.
LEBANON—Lingoweiler, J. G.
LEXINGTON—Lexington Flouring Mills
MARSHALL—Land Mose H.
Rea & Page Milling Co.
NEOSHO—Neosho Milling Co.
NEW HAVEN—Wolff Milling Co.
ST. LOUIS—Corn Mills Co., International Life bldg.
Regina Flour Mill Co.
Saxony Mills, 321 Lombard
Standard Tilton Milling Co., H. Pierce bldg
ST. MARY'S—St. Mary's Mill Co.
SEDALIA—Sedalia Milling Co.
SPRINGFIELD—Eisenmayer Milling Co.
Link Milling Co.
TROY—Hanni Nicholas

NEBRASKA.

ALBION—Albion Milling Co.
ARAPAHOE—Arapahoe Flour Mills
BEATRICE—Black Bros.

NEBRASKA—continued
CAMBRIDGE—Cambridge Milling Co.
CEDAR RAPIDS—Van Ackeren Bros.
CENTRAL CITY—Jenkins J. E.
COLUMBUS—Elevator Roller Mills Co.
CRETE—Crete Mills
DAVID CITY—Etting A. E.
FREMONT—Fremont Milling Co.
GRAND ISLAND — Glade Henry Milling Co.
LEXINGTON—Lexington Mill & Elevator Co.
LINCOLN—Gooch Milling & Elevator Co.
Lincoln Mills, Inc.
LOUP CITY—Speits A.
NORFOLK—Norfolk Cereal & Flour Mills
OMAHA—Maney Milling Co.
Updike Milling Co.
ORD—Ord Milling Co.
SCHUYLER—Wells-Abbott-Nieman Co.
SEWARD—Boyes, Hulshizer & Co.
SUPERIOR—Superior Milling Co.

NEVADA.

RENO—Riverside Mill Co.

NEW JERSEY.

BELVIDERE—McMurtrie Milling Co.
MILFORD—Thomas W. & W. E.
TRENTON—Thompson A. & Co.

NEW MEXICO.

SOCORRO—Crown Mill Co.

NEW YORK.

BALDWINSVILLE—Frazee James Milling Co.
Mercer Milling Co.
BATAVIA—Franklin Mills Co.
BINGHAMTON—Baker Bros.
Moon Geo. Q. & Co., Inc.
BUFFALO—Niagara Falls Milling Co.
Urban Geo. Milling Co.
CAMDEN—Penfield & Stone
COHOCTON—Larrowe Buckwheat Flour Corp'n.
CORNING—Hayt S. T. (Est. of)
ELMIRA—Chase-Hibbard Corporation
FULTON—Macwell Milling Corp.
GOUVERNEUR—McAllaster J. E. & Sons
LOCKPORT—Federal Milling Co.
MORAVIA—Selover Milling Co.
NIAGARA FALLS—Cataract City Milling Co
OGDENSBURG—Bill, Bell & Co.
ONEONTA—Elmore Milling Co.
PENN YAN—Birkett Mills
POTSDAM—Potsdam Milling Co.
ROCHESTER—Hinds J. A. & Co.
Moseley & Motley Milling Co.
VICTOR—Victor Milling Co.
WARSAW—Roberts Bros. Flour Mills, Inc.
WATERTOWN—Farwell & Rhines, Inc.

NORTH CAROLINA.

ASHBORO—Ashboro Roller Mills
ASHEVILLE—Asheville Milling Corp'n.
BEAVER CREEK—Hamilton R. A.
BETHANIA—Bethania Stock Co.
BURLINGTON—Dixie Milling Co.
Hico Milling Co.
CANE RIVER—Byrd Milling Co.
CHAPEL HILL—Pritchard W. N. & L. W.
CHINA GROVE—China Grove Roller Mills
CRESTON—Creston Roller Mills
CROUSE—Beaver Dam Roller Mill
DEMOCRAT—Carter Milling Co.
DENTON—Denton Roller Mills
EAST BEND—Doub J. W. & Bros.
EFLAND—Efland Milling Co.
Smith W. P.
ELKIN—Elkin Roller Mills
ENTERPRISE—Arcadia Mill Co.
EURE—Storey Bros.
FARMER—Farmer Roller Mill Co.
FARMINGTON—Ellis Flour Mills
FAYETTEVILLE—McNeill Milling Co.
FRANCISCO—George R. W.
FULLERS—Fuller A. W.
GLEN ALPINE—Glen Alpine Milling Co.
GREENSBORO—North State Milling Co.
GULF—McIver J. M.
HELTON—Perkins W. J.
HICKORY—Brewer L. R.
HIDDENITE—Davis Springs Co., Inc.
HIGH FALLS—High Falls Mfg. Co.
HIGH POINT—Barker F. H.
Dixie Milling Co.
High Point Milling Co.
HILLSBORO—Walker Bros.
JULIAN—Julian Milling Co.
KERNERSVILLE—Harmon & Reid
KITTRELL—Ellis J. B.
LANDIS—Landis Milling Co.
LENOIR—Lenoir Mills, Inc.
LEXINGTON—Grimes Bros.
LIBERTY—Liberty Milling Co.
LINCOLNTON—Banner Roller Mills (Inc.)
Lincoln Milling Co.
MADISON—McMichael J. P. & Co.
MAIDEN—Murray, Williams & Co.
MEBANE—Cook Milling Co.
MIDDLEBURG—Fleming E. L.
MILTON—Milton Mill Co.
MOCKSVILLE—Horne-Johnson Co.
MONROE—Henderson Roller Mills Co.
NASHVILLE—Warren Milling Co.
NEWTON—Newton Roller Mills
NORTH WILKESBORO — North Wilkesboro Roller Mills
OAKS—Morrow's J. Sons
RALEIGH—Lassiter C. J.
REEPSVILLE—Howard Creek Mill Co.
RICH SQUARE—Farmers' Ginning & Milling Co.
ROCKFORD—Kurfees C. F.
RUSK—Dobbins T. A. & Co.
SALISBURY—Grimes Milling Co.
SELWIN—Hollowell & Bunch
SILER CITY—Siler City Milling Co.
SILOAM—Martin O. J.
SOUTH LOWELL—Russell Robert G.
SOUTH RIVER—Tatum P. O.
SPARTA—Sparta Roller Mill Co.
STATE ROAD—Hanes Roller Mills
STATESVILLE—City Flour Milling Co.
Star Milling Co.
Statesville Flour Mill Co.
SUGAR GROVE—Watauga Roller Mills
TAYLORSVILLE—Taylorsville Milling Co.
TELEPHONE—Telephone Roller Mill Co.
THOMASVILLE—Ward John & Co.
TROY—Troy Milling Co.
WAYNESVILLE—McCracken M. J.
WESTFIELD—Westfield Milling Co.
WINSTON-SALEM—Forsyth Roller Mills
Southside Roller Mills
Wachovia Mills
WOODLEAF—Rice & Rutledge
WORRY—Henderson L. P.
YADKINVILLE—Hinshaw J. M. & Co.

NORTH DAKOTA.

GRAFTON—Grafton Roller Mill Co.
KULM—Kulm Mill Co.
LIDGERWOOD—Lidgerwood Co-op. Milling Co.
PARK RIVER—Park River Milling Co.
RUGBY—Rugby Milling Co.
WILLISTON—Williston Mill Co.

OHIO.

ASHTABULA—Reidenbach R. P.
BELLEFONTAINE—Colton Bros. Co.
CINCINNATI—Felss Flour Milling Co.
COSHOCTON—Lee Edwin S.
DAYTON—Durst Milling Co.
HAMILTON—Carr Milling Co.
IRONTON—Goldcamp Mill Co.
KENT—Williams Bros. Co.
LANCASTER—Graham Milling Co.
LIMA—Holdridge Hiram A. Co.
MARIETTA—Phoenix Mill Co.
MASSILLON—Warwick Co.
MILLERSBURG—Miller J. D. & J. L.
ORRVILLE—Orrville Milling Co.
PIQUA—Piqua Milling Co.
ROSCOE—Lee Milling Co. (See Coshocton)
ST. MARY'S—Gordon-Hauss-Folk Co.
SPRINGFIELD—Ansted & Burk Co.
TOLEDO—Mennel Milling Co.
Toledo Grain & Milling Co.
YOUNGSTOWN—Baldwin Homer (Est. of)

OKLAHOMA.

ALTUS—Leger Mill Co.
ALVA—Alva Roller Mills
ANADARKO—Anadarko Milling Co.
ARDMORE—Ardmore Milling Co.
BLACKWELL—Blackwell Milling & Elevator Co.
CASHION—El Reno Mill & Elevator Co.
CENTRALIA—Tate W. C. & Son
CHICKASHA—Chickasha Milling Co.
CUSTER—Custer Milling Co.
Hobart Mill & Elevator Co.
DEER CREEK—Blackwell Milling & Elevator Co.
DOVER—Dover Milling Co.
EL RENO—Canadian Mill & Elevator Co.
Elreno Mill & Elevator Co.
ENID—Enid Milling Co.
Millers Milling Co.
FAY—Thomas Milling Co.
GAGE—Gage Roller Mills
GARBER—Garber Mill & Elevator Co.
GEARY—Geary Milling & Elevator Co.
GOLTRY—Enid Mill & Elevator Co.
GROVE—Killam O. W. & W. T.
GUTHRIE—Guthrie Mill & Elevator Co.
HENNESSY—Star Mill & Elevator Co.
HOBART—Hobart Mill & Elevator Co.
HUGO—Hugo Milling Co.
KINGFISHER—Kingfisher Mill & Elevator Co.
Oklahoma Mill Co.
KREMLIN—Enid Milling Co.
MADILL—Madill Grain & Elevator Co.
MANGUM—Mangum Milling Co.
MENO—Meno Milling Co.
MOORE—Norman Milling & Grain Co.
MUSKOGEE—Davidson Mill & Elevator Co.
NEWKIRK—Arkansas City Milling Co.
NORMAN—Norman Milling & Grain Co.
OKARCHE—El Reno Mill & Elevator Co.
Kingfisher Mill & Elevator Co.
OKLAHOMA—continued
OKLAHOMA—Acme Milling Co.
Oklahoma City Mill & Elevator Co.
Plansifter Milling Co.
PERRY—Perry Mill Co.
PONCA CITY—Ponca City Milling Co.
SALT FORK—Blackwell Milling & Elevator Co.
SHAWNEE—Shawnee Milling Co.
SKIATOOK—Stringer J. M.
STILLWATER—Stillwater Milling Co.
TAHLEQUAH—Tahlequah Mill & Elevator Co.
TANGIER—Alva Roller Mills
THOMAS—Hobart Mill & Elevator Co.
TULSA—Rea & Reed Mill & Elevator Co.
WEATHERFORD — Weatherford Milling Co.
WYNNEWOOD—Kemp J. W.
YUKON—Yukon Mill & Grain Co.

OREGON.

FREEWATER—Peacock Mill Co.
ISLAND CITY—Pioneer Flouring Mill Co.
LA GRANDE—La Grande Milling Co.
PRINEVILLE—Stewart & Carlson
ST. JOHNS—Jobes Milling Co.
STAYTON—Gardner A. D.

PENNSYLVANIA

ARDEN—Leech J. C.
ASHVILLE—Weber J. J.
BELLEFONTE—Gamble, Geo. M. Co.
BERNVILLE—Sunday J. D.
BETHLEHEM—Luckenbach D. & A.
BLOOMSBURG—Ikeler Roland R.
BROOKVILLE—Kline Mrs. Elizabeth
CARBONDALE—Carbondale Milling Co.
CARMICHAELS—Neil James & Co.
CLARKSTOWN—Bieber Williams S.
COLUMBIA—Columbia Milling Co.
CONNELLSVILLE—Perry & Henderson
CORRY—Evrbest Milling Corp.
Heath F. L.
Miller & Parsons
Vantassel R. H.
DUNCANNON—Duncannon Flouring Mill Co.
EASTON—Williams Frank C.
EMLENTON—Emlenton Milling Co., Ltd.
EMPORIUM—Emporium Milling Co.
ERIE—Crouch Bros. Co.
FALLS—Brown C. A.
HANOVER—Penn Mill Co.
HOWARD—Long W. H.
INDIANA—Hetrick Wilson & Co.
LAURY'S STATION—Mauser Mill Co.
LEBANON—Strickler C. F. & W. H. Milling Co.
Lebanon Milling Co.
LEWISTOWN — Spanogle-Yeager Milling Co.
LUZERNE—Luzerne Milling Co.
MACUNGIE—Fritch D. D. & N. D.
MANHEIM—Manheim Milling Co.
MIFFLIN—Manbeck W. H. & Co.
MILFORD SQUARE—Campbell E. D.
MILL HALL—Knecht Milling Co.
NEW BETHLEHEM—Red Bank Mills
NORTH EAST—Blaine-Mackay-Lee Co.
PARKER'S LANDING—Parker Milling Co
PAXINOS—Vought Milling Co.
PHILADELPHIA—Buffalo Flour Milling Co., Central Tr. bldg
Quaker City Flour Mills Co., 1040 Market
PIKESVILLE—Reitnauer James
Yoder Ellis Y.
ROCKWOOD—Rockwood Milling Co.
SCHNECKSVILLE—Hollenbach Frank H.
SELINGSGROVE—Monroe Milling Co.
Youngman J. F.
SHAWVILLE—Shaw A. B. Estate
SUNBURY—Blank & Gottshall
Kift Milling Co.
TREICHLERS—Mauser Mill Co.
TROUT RUN—Berger Mrs. Chas. E.
TYRONE—Tyrone Milling Co.
WALTERSBURG—Brown Asahel C. & Son
WAMPUM—Wampum Mill Co.
WERNERSVILLE—Wertz Robert W.
YARDLEY—Yardley Mills Co.

SOUTH CAROLINA.

CHARLESTON—Blohme Milling Co.
FLORENCE—Florence Ginning & Milling Co.
GREENVILLE—Eagle Roller Mills
Mountain City Milling Co.
LEESVILLE—Barr C. D.
LEXINGTON—George E. J.
PENDLETON—Timms S. R.
SIMPSONVILLE—Adams W. A.
SPARTANBURG—Bell J. W.
Spartanburg Grain & Mill Co.

SOUTH DAKOTA.

ABERDEEN—Aberdeen Mill Co.
BELLE FOURCHE—Tri State Milling Co.
GROTON—Groton Milling Co.
MADISON—Madison Mill & Grain Co.
WATERTOWN—Stokes Milling Co.
WEBSTER—Webster Mill Co.
WESSINGTON SPRINGS—Jerauld County Milling Co. ("Dakota Cream"), Dept. H

TENNESSEE.

ADAMS—Winters J. H. & Son
AFTON—Babb Mill Co.
ANDERSONVILLE—Williams R. B.
ASPEN HILL—Williams & Simpson
ATHENS—Athens Roller Mills
ATWOOD—Murchison D. T.
BARTLETT—Gotten D. H.
BELLBUCKLE—Bellbuckle Milling Co.
BELVIDERE—Belvidere Milling Co.
BETHPAGE—Thompson R. M.
BIG SANDY—Hastings J. W. & Son
BLUFF CITY—Bluff City Mills, Inc.
BODENHAM—Patrick & Shore
BOLIVAR—Breedon Geo. W.
BOMA—Braswell S. G.
BRADFORD—Bradford Milling Co.
BRISTOL—Barrow-Scott Milling Co.
Twin City Mill Co.
BROWNSVILLE—Crandell W. W.
BUMPUS MILLS—Saline Valley Roller Mills
BURNS—Anderson S. J.
CALHOUN—Saulpaw G. L. & Son
CEDAR HILL—Cedar Hill Roller Mill
CHARLOTTE—Charlotte Roller Mills
CHATTANOOGA—Mountain City Mill Co.
Shelton Mills

CLARKSVILLE—Dunlop Milling Co.
CLEVELAND—Cleveland Milling Co.
Cox, A. J.
Skyes Milling Co.
CLINTON—Linebaugh W. A.
COLUMBIA—Ashton J. B.
City Mill & Grain Co.
Columbia Mill & Elevator Co.
COOKEVILLE—Cookeville Roller Mills
COVINGTON—Covington Milling Co.
CROSS PLAINS—Durrett & Spain
DANDRIDGE—Hill W. C.
Walker John
DANVILLE—Grafried W. F.
DAYTON—Dayton Milling Co.
DECHERD—Dechard Mill Co.
DIXON SPRINGS—Dixon Springs Milling Co.
DOVER—Cox W. H.
DOYLE—Doyle Roller Mills
DUKEDOM—Dukedom Roller Mill Co.
DYERSBURG—Forked Deer Milling Co.
EBENEZER—Atchley P. S.
ELIZABETHTON—Monarch Milling Co.
Watauga Flouring Mill
ENVILLE—Enville Mill & Gin Co.
ERIN—Boone J. M.
ESTILL SPRINGS—Goddard & Co.
FAYETTEVILLE—Fayetteville Milling Co.
FRANKLIN—Farr D.
FRIENDSVILLE — Friendsville Roller Mills
GEORGETOWN—White Oak Mountain Mill Co.
GLEASON—Whitworth R. J.
GORDONSVILLE—Gordonsville Milling Co.
GREENFIELD—Ward J. H. & Co.
HARRIMAN—Harriman Milling Co.
HARTSVILLE—Hartsville Milling Co.
HENDERSONVILLE—Dorris E. A. & Sons
HENNING—Turner E. H.
HICKMAN—Hickman Milling Co.
HILLSBORO—Justice J. H.
HILLSDALE—Eller A. J.
HOLLOW ROCK—Hollow Rock Roller Mill
HORNBEAK—Hornbeak Milling Co.
HUNTINGDON—Dill John B.
JACKSON—McCabe E. R. & Co.
JEFFERSON CITY—Peck Mill & Grain Co.
JOHNSON CITY—Model Mill Co.
KNOXVILLE—Peters & Bradley Mill Co.
Scott Mill Co.
Smith J. Allen & Co.
LA FOLLETTE—Ausmus W. M. Co.
LASCASSAS—Brown E. G.
LAWRENCEBURG — Lawrenceburg Milling Co.
LEBANON—Cedar City Mills
LEWISBURG—Lewisburg Mill & Elevator Co.
LIMESTONE—Williams Bros.
LITTON—Hale J. H. & Son
LIVINGSTON—Livingston Roller Mill Co.
LONE MOUNTAIN—Lone Mountain Milling Co.
LOUDON—Newport Mill Co.
Roberson John W. & Co.
LYNCHBURG—Locke R. A.
McKENZIE—McKenzie Milling Co.
McMINNVILLE—Walling's Jesse Mills
MADISONVILLE—Madisonville Flouring Mills
MARTIN—Stafford Milling Co.
MEMPHIS—Davis & Andrews Co.
Yates & Donelson Co.
MERCER—Rainey T. C. & Sons
MILAN—Fuqua J. J.
MILLIGAN COLLEGE—Hendrix J. A.
MULBERRY—Farrar R. L.
NASHVILLE—Ford Flour Co.
Jones J. A. & O. L. Mill & Elevator Co.
Liberty Mills
Nashville Roller Mills
Riverside Mills
Royal Milling Co.
Southern Milling Co.
NEWBERN—Grisham C. S. & Co.
NEWPORT—Newport Mill Co.
NEW TAZEWELL—Myers & Davis
OBION—Obion Mill & Elevator Co.
OLIVER SPRINGS—Diggs S.
PARIS—Paris Milling Co.
PORTLAND—Portland Milling Co.
PULASKI—Pulaski Roller Mills
READYVILLE—Hayes & McFerrin
ROCKWOOD — Davidson-East-Molyneaux Co.
ROGERSVILLE—McDonald J. W. & Son
Rogersville Mill Co.
RUTHERFORD—Nethercott R.
SHELBYVILLE—Kingston J. B. & Co.
Riverside Mill Co.
SMYRNA—Davis Bros.
SPARTA—Mayberry Q. B. & Son
Sparta Mill Co.
SPRING CITY—Spring City Mill Co.
SPRINGFIELD—England Bros.
Ogburn Samuel D.
STRAWBERRY PLAINS—Straw Plains Milling Co.
SWEETWATER—Eagle Flouring Mill Co.
TALBOTT—Acme Milling Co.
TRENTON—Forked Deer Mfg. Co.
TROY—Troy Roller Mills
TULLAHOMA—Middle Tennessee Milling Co.
UNION CITY—Dahnke-Walker Milling Co.
VIOLA—Viola Milling Co.
VONORE—Vonore Flouring Mills
WASHBURN—Cameron Joe T.
WATAUGA—St. John J. T.
WATERTOWN—Watertown Milling Co.
WILLETTE—Highland Mill Co.
WILLISTON—Walker I. J.
WILLOW GROVE—Willow Grove Milling Co.
WINCHESTER—Winchester Milling Co.
WOODBURY—Blanks J. C.

TEXAS.

ALICE—Citizens Mill & Gin Co.
ANDERSON—Becker Emil
ATLANTA—
BEN FRANKLIN—
BLUM—Blum Roller Mills
BROWNWOOD—Austin Mill & Grain Co.
BYERS—Erwin J. M.
CELINA—
CENTERPOINT—Centerpoint Roller Mill Co.
CHILLICOTHE—Orient Milling Co.
COMFORT—Flach Ernest
DALLAS—Stanard-Tilton Milling Co.
DECATUR—Lillard Milling Co.
DENTON—Alliance Milling Co.
Denton Milling Co.
DUBLIN—Dublin Mill & Elevator Co.
EAGLE LAKE—Stoermer G. A.
EAST BERNARD—Koym H. W.
EL PASO—El Paso Grain & Milling Co.
FARMERSVILLE—Farmersville Mill & Light Co.
FORT WORTH—Bewley Mills
Burrus Mill & Elevator Co.
GALVESTON—Anchor Milling Co.
Texas Star Flour Mills
GAYHILL—Krause F. A.
GLEN ROSE—Price A. J. & Son
GRAHAM—Graham Mill & Elevator Co.
GREENVILLE—Greenville Mill & Elevator Co.
HAMILTON—Weiser H. M.
HONDO—Hondo Gin & Milling Co.
ITASCA—Itasca Roller Mills & Elevator Co.
JACKSBORO—Jacksboro Mill & Elevator Co.
JUSTIN—Justin Mill & Elevator Co.
KILGORE—Choice J. I.
McKINNEY—Collin County Mill & Elevator Co.
MARSHALL—Marshall Mill & Elevator Co.
MERIDIAN—Meridian Mill Co.
MEXIA—Wallace W. H.
MUNDAY—Munday Mill & Elevator Co.
NECESSITY—Andrews W. A. & Son
NEW BRAUNFELS—Dittlinger. H. Roller Mills Co.
PARIS—Paris Milling Co.
PILOT POINT—Pilot Point Roller Mill Co.
PRAIRIEVILLE—Prairieville Gin & Mill Co.
RHOME—Rhome Milling Co.
SAN ANTONIO—Guenther C. H. & Son
SANGER—Sanger Mill & Elevator Co.
SEGUIN—Seguin Milling & Power Co.
SHERMAN—Chapman Milling Co.
Diamond Mill Co.
Smith G. B. R. Milling Co.
STAMFORD—Stamford Mill & Elevator Co.
TAYLOR—Taylor Milling Co.
TEMPLE—Willig Bros.
TERRELL—Terrell Milling Co.
THORNTON—McLelland John C.
TROUP—Rucker J. B. & Son
UVALDE—Uvalde Gin & Milling Co.
VAN ALSTYNE—Van Alstyne Roller Mills
VERNON—Kell Milling Co.
WACO—Waco Mill & Elevator Co.
WAXAHACHIE—Modern Milling & Mfg. Co.
WEATHERFORD—Crystal Palace Flouring Mills Co.
WHITEWRIGHT—Beatrice Milling Co.

UTAH.

LAYTON—Layton Milling & Elevator Co.
LOGAN—Thatcher Milling & Elevator Co.

VERMONT.

BURLINGTON—Burlington Flouring Co.

VIRGINIA.

ABINGDON—Abingdon Milling Co.
Vance R. B.
ALDIE—Douglass J. E. & Son
APPOMATTOX—Smith L. E. & Bros.
ASHLAND—Newman E. W.
ATKINS—Musser D. B.
BENTONVILLE—Bentonville Milling Co.
BLAND—Mustard Bros.
BRIDGEWATER—Natural Falls Milling Co.
BROADFORD—Roberts J. S. & Co.
BROAD RUN—Furr & Kerr
BURKES GARDEN—Burkes Garden Mills
CAMBRIA—Rigby James & Son
CEDAR BLUFF—Cedar Bluff Roller Mills
CEDAR SPRINGS—Keesling & Son
CHAMPE—Baskerville & Jones
CHARLOTTSVILLE—Brown Milling Co.
Lovegrove Milling & Feed Co., Inc.
CHATHAM—Moses F. L. & Bro.
CHILDRESS—Childress Mills
CHILHOWIE—Chilhowie Milling Co.
CLIFTON FORGE—Clifton Forge Milling & Feed Co., Inc.
COVINGTON—Alleghany Milling Co.
McAllister & Bell, Inc.
CREWE—Crewe Roller Mills
CRIMORA—Harman & de Rundeau
CROCKETT—Groseclose J. C.
DANVILLE—Dan Valley Mills
DEARBORN—Baldock & Co.
DELAPLANE—Delaplane C. L. & Co.
DRAPERS—Rex Milling Co.
DUBLIN—Dublin Roller Mills
EDINBURG—Edinburg Milling Co.
Fadeley Harrison
ESSEX MILL—Hoskins & Hundley
FALLS MILLS—Harry I. H.
FARMVILLE—Farmville Mills, Inc.
FINCASTLE—Howell R. M.
FISHER'S HILL—Keller John H.
FORT DEFIANCE—Knightley Milling Co.
FREDERICKSBURG—Germania Mills, Inc.
GAINESBORO—De Haven B. F.
GATE CITY—Jayn W. T.
Johnson Bros.
GILMORES MILLS—Chiles E. N. & Co.
GLADE SPRING—De Busk John
GLADYS—Marshall James G.
GLOUCESTER—Weaver Ira B.
HARRISONBURG—Harrisonburg Milling Co.
Mutual Milling & Supply Co., Inc.
HEBRON—Fisher & Stables
HORNERS—Coates F. C.
HOUSTON—Banister Mills
Yates J. A.
HYACINTH—Northern L. B.
INDEPENDENCE—Independence Electric & Milling Co.
KILMARNOCK—Lancaster Roller Mills
LAWRENCEVILLE—Lawrenceville Mill & Ice Corp.
LEXINGTON—Lee S. A.
LIVELY—Norris Robert O.
LOWESVILLE—Woodson J. B.
LURAY—Brumback F. C. & Son
Page Milling Co.
LYNCHBURG—Lynchburg Milling Co.
Piedmont Mills, Inc.
LYNNWOOD—Coiner Milling Co.
MARION—Staley H. B. Co.
MARTINSVILLE—Aaron Bros.
MENDOTA—Barker Frank M.
MIDDLETOWN—Middletown Milling Co.
MINERAL—Mineral Milling Co., Inc.
MOSSY CREEK—Augusta Milling & Mercantile Co.
NARROWS—Narrows Milling Co., Inc.
NELLYFORD—Witt S. W. & J. W.
NEW CASTLE—Craig Mills
NEW MARKET—
Manor J. D. & Co.
Stultz C. M.
NORTH RIVER—Crawn Bros.
NORTH TAZEWELL—Star Milling Co.
PENN LAIRD—
PETERSBURG—Munt H. F.
Virginia Consolidated Milling Co., Inc.
PORT REPUBLIC—Port Republic Milling Co.
PULASKI—Pulaski Mills
PURCELLVILLE—Loudoun Valley Milling Co.
RAPIDAN—Holladay Henry T. Jr.
RICHMOND — Dunlop Mills (Warner, Moore & Co.)
Manchester Mills, Inc.
Mayo Milling Co.
ROANOKE—Howery-Taylor Milling Co., Inc.
Huff & Cook
Lindsey, Robinson & Co.
SALEM—Shank Milling Co.
SCOTTSVILLE—Scottsville Flour Mills
SLATE RIVER MILLS—Slate River Milling Co.
SNOWVILLE—Snowville Milling Co.
SOUTH BOSTON—Boston Milling Co.
STANDARDSVILLE—Jarrell Bros.
STAUNTON—
Brand William F.
White Star Mills
STEELES TAVERN—Midway Milling Co.
STEPHENS CITY—Stephens City Milling Co.
STONE MOUNTAIN—Morgan John T. & Son
STRASBURG—Strasburg Steam Flouring Mills
SUFFOLK—Virginia Mills, Inc.
TOSHES—Giles, Son & Hubbard
Lee Milling Co.
TREE—Farmers' Milling Co.
WALKERTON—Mitchell A.fi
Walkerton Milling Co.
WALLACE—Phillips & Dickenson
WARM SPRINGS—Agner D. B.
Miller W. H. & Son
WARRENTON—Warrenton Flour Mills
WAYNESBORO—Coiner J. N.
Palmer Edward
Waynesboro Milling Co.
WEYER'S CAVE—Rockland Milling Co.
WOODSTOCK—French William S.
WYTHEVILLE—Browning S. W.
Dix Bros.
Monarch Milling Co.

WASHINGTON.

CRESTON—Creston Milling Co.
DAVENPORT—Big Bend Milling Co.
ELLENSBURG—Tjossem R. P. & Son
EVERETT—Everett Flour Mill Co.
HARTLINE—Hartline Mill & Elevator Co.
PATAHA CITY—Houser & Son
PROSSER—Taylor & Kemp
RITZVILLE—Ritzville Flouring Mills
SPOKANE—Spokane Flour Mills
TACOMA—Puget Sound Flouring Mills Co.
Tacoma Grain Co.
VANCOUVER—Vancouver Flour Mills Co.
WAITSBURG—Preston-Shaffer Milling Co.
WALLA WALLA—Dement Bros. Co.
WENATCHEE—Wenatchee Milling Co.

WEST VIRGINIA.

ALASKA—Long P. Beauregard
ALDERSON—Greenbrier Milling Co.
AUGUSTA—Augusta Milling Co.

FLOUR MILLS—continued
WEST VIRGINIA—continued
BOAZ—Boaz Milling Co.
BRUCETON MILLS—Bruceton Milling Co.
BUCKHANNON—Star Milling Co.
BUNKERHILL—Cline Samuel S.
CAIRO—Cairo Milling Co.
CAMERON—Hagans & Isleman
Watson Bros. & Co.
CEREDO—Evick Thomas A.
CHARLESTON—Charleston Milling & Produce Co.
COTTAGEVILLE—Cottageville Milling Co.
ELIZABETH—Winland W. V.
ELK GARDEN—Oates Isaac E. & Son
ELKINS—Elkins Milling Co.
Grove Feed & Storage Co.
ELLIS—Moody P. S.
ELM GROVE—Elm Grove Milling Co.
FAIRMONT—Fairmont Feed & Storage Co.
Fairmont Grain & Milling Co.
Fleming Arch
FLEMINGTON—Flemington Mill Co.
FRANKLIN—Byrd D. M.
GLEN EASTON—Harris's J. M. Sons
GORMANIA—Duling Henry L.
GRAFTON—Exchange Mill Co.
Musgrove N. C.
GRIFFITHSVILLE—Carper J. L.
HINTON—Hinton Milling Co.
HUNDRED—Hundred Milling Co.
HUNTINGTON—Gwinn Bros. & Co.
IUKA—Stamm Jacob
KEYSER—Potomac Milling & Ice Co.
LEETOWN—Gardner Bros.
LEVELS—Synder M. L. & Sons
LOUDENVILLE—Watson Bros. & Co.
MANNINGTON—Boor & Davis
MARQUESS—Bolyard Nelson
MARTINSBURG—Parks Alexander
MASONTOWN—Street F. L.
MATHIAS—Mathias P. S. & Co.
Stultz Ben F.
MILL CREEK—Rosencrance, Clay C.
MILTON—Harshbarger Milling Co.
MOOREFIELD—Hardy County Milling Co.
Wilson D. L.
MORGANTOWN—Tenant A. W.
Victor Mills Co.
MOUNDSVILLE—Martin Arch T.
NEW HAVEN—New Haven Midget Milling Co.
NICKELLS MILLS—Nickells C. C.
NORTH MOUNTAIN—Independent Roller Milling Co.
Peerless Milling Co.
READER—Burgess M. W. & J. G.
REEDY—Reedy Mill Co.
ROMNEY—Farmers' Exchange
RONCEVERTE—Miller J. M.
RUDDLE—Byrd Arlie C. & Co.
SAINT ALBANS—Nunberger Jos.
SAINT MARYS—Saint Mary's Milling Co.
SHEPARDSTOWN—Whiting Milling Co.
SHINNSTON—Lucas Bros.
SILVERTON—Suck Theodore
SPENCER—Farmers' Roller Mills
SUTTON—Sutton Grocer & Milling Co.
TANNER—Tanner Mill Co.
TERRA ALTA—Welch U. S.
TURTLE CREEK—Canterbury A. C.
WARDENSVILLE—McKeever A. Boyd
WESTON—Weston Milling Co.
WHEATLAND—Feagans W. C.
WHITE SULPHUR SPRINGS—Mountain Milling Co.
WILLIAMSPORT—Cassady D. L. & Bro.

WISCONSIN.

BLACK RIVER FALLS—Charter Oak Milling Co.
BLOOMER—Bloomer Mill Co.
CHIPPEWA FALLS—Consolidated Milling Elevator & Power Co.
GALESVILLE—Davis Mill Co.
GRAND RAPIDS—Grand Rapids Milling Co.
GRANTSBURG—Hickerson Roller Mill Co.
GREEN BAY—Hess G. B. Co.
MARINETTE—Marinette Flour Mill Co.
MILWAUKEE—Krause C. A. Milling Co., 37 & Burnham
STEVENS POINT—Jackson Milling Co.
WATERTOWN—Globe Milling Co.
WAUSAU—Cereal Mills Co.

4902— Flour (Rye)

Alert Mills, Fountain City, Wis.
Arndt Bros., Sheboygan, Wis.
Bay State Milling Co., Winona, Minn.
Blair Milling Co., Atchison, Kans.
Blodgett Holmes Co., Janesville, Wis.
Boutwell Milling & Grain Co., Troy, N. Y.
Commercial Milling Co., 229H Randolph, Detroit, Mich.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Dayton Milling Co., Towanda, Pa.
Dean Silas & Son, Oak Hill, N. Y.
Eagle Roller Mill Co., New Ulm, Minn.
Fremont Milling Co., Fremont, Neb.
Friedline Wm., Sipesville, Pa.
Gilbert & Nichols Co., Fulton, N. Y.
Harris Milling Co., Mt. Pleasant, Mich.
Heisel C., Est. of, Plattsmouth, Neb.
Kearney Flour Mills, Kearney, Neb.
Krueger & Lachmann Milling Co., Neenah, Wis.
Loberg Milling Co., Nelsonville, Wis.
Menomonie Milling Co., Menomonie, Wis.
Minneapolis Cereal Co., 1233 Jackson, Minneapolis, Minn.
Montrose Milling Co., Montrose, Minn.
New Occidental Mill Co., Minneapolis, Minn.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
Phoenix Milling Co., Sacramento, Cal.
Saginaw Milling Co., Saginaw, Mich.
Smith Joseph & Co., Stockton, N. J.
Struve John, Lyons, Ia.
Van Wyck & Stringham, Fishkill Plains, N. Y.
Vorhis F. C., Brookton, N. Y.
Walker W. W. Milling Co., Alden, Minn.
Wells-Abbott-Nieman Co., Schuyler, Neb.
Western Star Mill Co., Salina, Kans.
Willy & Co., Appleton, Wis.
Wright, Stillman & Co., Berlin, Wis.

4903— Flour (Tapioca)

Bauer Philip Co., 25 W Broadway, New York
Leyland Thos. & Co., Readville, Boston, Mass.
Morningstar Chas. & Co. (Imp.), 233 B'way, New York
Tanner Chas S. Co., 250 So Water, Providence, R. I.

4904-5— Flour (Wheat)

Ansted & Burk Co., Springfield, O.
Arndt Bros., Sheboygan, Wis.
Atlanta Milling Co., Atlanta, Ga.
Baldwin Dwight M., Jr., 2219 Pillsbury av, Minneapolis, Minn.
Ballard & Ballard Co., Louisville, Ky.
Bay State Milling Co., Winona, Minn.
Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.
Blish Milling Co., Seymour, Ind.
Brickley F. M. & Co., Prairie du Rocher, Ill.
Capitol Milling Co., Los Angeles, Cal.
Cataract City Milling Co., Niagara Falls, N. Y.
Clyde Milling & Elevator Co., Clyde, Kans.
Commercial Milling Co. (Spring & Winter), 229H Randolph, Detroit, Mich.
City Mills Co., Columbus, Ga.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Denesia C. W., Evans Mills, N. Y.
Eagle Roller Mill Co., New Ulm, Minn.
Elevator Roller Mills, Co., Columbus, Neb.
Esche-Nelson Milling Co., Manawa, Wis.
Fall Creek Milling Co., Ithaca, N. Y.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fremont Milling Co., Fremont, Neb.
Gambrill C. A. Mfg. Co., 104 Commerce, Baltimore, Md.
Globe Grain & Milling Co., Los Angeles, Cal.
Groton Milling Co., Groton, S. Dak.
Halliday H. L. Milling Co., Cairo, Ill.
Halstead Milling & Elevator Co., Halstead, Kan.
Hannah & Lay Co., Traverse City, Mich.
Harris Milling Co., Mt. Pleasant, Mich.
Hayden Wm. Milling Co., Tecumseh, Mich.
Holley Milling Co., Ogden, Utah
Hungarian Flour Mills, Denver, Colo.
Johnson Educator Food Co. (Entire), 100 Sidney, Cambridge, Mass.
Kansas Milling Co., Wichita, Kans.
Kern J. B. A. & Sons, Milwaukee, Wis.
Kimball Milling Co., 223 Board of Trade, Kansas City, Mo.
Krueger & Lachmann Milling Co., Neenah, Wis.
La Grange Mills, Red Wing, Minn.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.
Liken John C. & Co., Sebewaing, Mich.
Listman Mill Co., La Crosse, Wis.
Loberg Milling Co., Nelsonville, Wis.
Mennel Milling Co. ("Doughboy", "Mainspring", "A No. 1"), Toledo, O.
Michigan Milling Co., Ann Arbor, Mich.
Montrose Milling Co., Montrose, Minn.
Morris City Mills, Morris, Minn.
National Milling Co., Toledo, O.
New Prague Flouring Mill Co., New Prague, Minn.
New Ulm Roller Mill Co., New Ulm, Minn.
Norton Willis & Co., Topeka, Kans.
Holley Milling Co., Ogden, Utah
Paterson Geo. B., Burdett, N. Y.
Perry Mill Co., Perry, Okla.
Piloid Milling Co., Swanton, O.
Pillsbury Flour Mills Co., 3d fl Met. Life bldg, Minneapolis, Minn.
Pinckneyville Milling Co., Pinckneyville, Ill.
Portland Flouring Mills Co., Portland, Ore.
Red Wing Milling Co., Red Wing, Minn.
Russell Miller Milling Co., Valley City, North Dak.
Saginaw Milling Co., Saginaw, Mich.
Saxony Mills, 321 Lombard, St. Louis, Mo.
Schultz, Baujan & Co., Beardstown, Ill.
Sheffield-King Milling Co., 3d fl Cham. Com., Minneapolis, Minn.
Snell Mill & Grain Co. (Hard Winter), Clay Center, Kans.
Sparks Milling Co., Alton, Ill.
Sperry Flour Co., San Francisco, Cal.
Superior Milling Co., Superior, Neb.
Tennant & Hoyt Co., Lake City, Minn.
Thoman F. Milling Co., Lansing, Mich.
Thompson Milling Co., Lockport, N. Y.
Tiger Shoals Milling Co., Wellford, S. C.
Valley City Milling Co., Grand Rapids, Mich.
Voigt Milling Co., Grand Rapids, Mich.
Washburn-Crosby Co., Cham. Comm., Minneapolis, Minn.
Waterloo & Cedar Falls Union Mill Co., Cedar Falls, Ia.
Wells-Abbott-Nieman Co., Schuyler, Neb.
Wilshire Milling Co., Wilshire, O.
Willy & Co., Appleton, Wis.

Flour (Wood)

See Wood Flour

4906— Flues (Smoke)

Alberne Stone Co., 223 E 23d, New York
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Daly M. J. & Sons, Waterbury, Conn.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gunning Boiler & Machine Co., New Bedford, Mass.
Lasker & Minck, 220 B'way, New York
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
New York Central Iron Wks. Co., Inc. (Chimney), Dept. H, Hagerstown, Md.
Pittsburgh-Des Moines Steel Co. (also Chimney), 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Scannel Boiler Wks., Lowell, Mass.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Vulcan Sheet Metal & Mfg. Co., 45 Fulton, New York

4907— Flumes (Iron)

Casey-Hedges Co., Chattanooga, Tenn.
CALIFORNIA CORRUGATED CULVERT CO. ("Armco"), W. Berkeley & Los Angeles, Cal.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Dow L. B. Inc., Keene, N. H.
DOVER BOILER WORKS (Also Steel), Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Fitz Water Wheel Co., Hanover, Pa.
Graver, East Chicago, Ind.
See adv index at end of book
Hardesty Mfg. Co. ("Hess," "Armco," Metal & Corrugated Steel), Denver, Colo.
Harry Bros. Co. ("Harry's," Corrugated & "K-D," Galvanized), Carr av & L. C. R. R., New Orleans, La.
Hunt Rodney Machine Co., Orange, Mass.
Klauer Mfg. Co. (Galvanized), Dubuque, Iowa
Mitchell-Tappen Co. (& Steel), 15 John, New York
Nebraska Culvert & Mfg. Co., Wahoo, Neb.
Pittsburgh-Des Moines Steel Co. (Iron & Steel), 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Bridge Co., Birmingham, Ala.
Spokane Culvert & Tank Co., Spokane, Wash.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

4908— Flumes (Wood)

CONTINENTAL PIPE MFG. CO. (Semi-Circular Creosoted, Stave up to 30 ft. Drain, Irrigation & Power), Seattle, Wash.
Dow L. B. Inc., Keene, N. H.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Stevens Tank & Tower Co., Auburn, Me.

4909— Fluorspar

BASIC MINERAL CO., Box 276, N. S., Pittsburgh, Pa.
See adv index at end of book
Binswanger H. P., 7 W 16th, New York
Crocker Bros. (Importers), 21 E 40th, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Iron Trade Products Co. (Ground Lump & Washed Gravel), Farmers Bank bldg, Pittsburgh, Pa.
Kentucky Fluor Spar Co. (Ground), Marion, Ky.
Lavino E. J. & Co. (Importers), Bullitt bldg, Phila., Pa.
National Sales & Trading Co., The, Cleveland, Ohio
New England Quartz Co. of N. Y., 150 Nassau, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Rogers-Brown & Co. (Jobbers), 77-73 Carew bldg, Cincinnati, O.
Rosiclare Lead & Fluorspar Mines, Rosiclare, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Vitro Manfg. Co., H, Bessemer bldg, Pittsburgh, Pa.
Wiarda Jno. & Co., 273 Greene, Brooklyn, N. Y.

4910—Flushers (Automatic Sewage, Etc.)

Merritt Hydraulic Co. ("Merritt"), 110 N Broad, Phila., Pa.

MAKE PERFECT CASTINGS EVERY TIME

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THE MILLER ALLOY FLUXES



C. M. Miller

Keystone Thermo Molybdenum Flux for Iron, Steel and Semi-Steel. Tungsten Brand of Ladle Flux for Car Wheels, Chilled Rolls, etc.

Radioclarite for Brass, Bronze and Non-Ferrous Metals.

Parlite for Aluminum.

Special Radioclarite for Copper.

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We produce all grades of Fluor Spar from our own mines. Immediate delivery.

THE BASIC MINERAL CO., *Box 276,* N. S. Pittsburgh, Penna.

4911-12—Flux (Blast Furnace)

Bessemer Limestone Co. (Limestone), Youngstown, O.
Dolomite Products Co. (Limestone), 1110 Euclid av, Cleveland, O.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Ohio Marble Co. (Limestone), Piqua, O.

4913—Flux (Brazing & Welding)

Allen L. B. Co., Inc., 4519 N Lincoln, Chicago, Ill.
American Alloys Co. (Aluminum, also Melting "American Flux"), American bldg, Baltimore, Md.
Carbic Mfg. Co. (Carbic Welding), Duluth, Minn.
Cleveland Tensilite Co., 1431 Brownell, Cleveland, O.
Cortland Welding Compound Co. (Oxy-Acetylene Welding), Cortland, N. Y.
Cox Brass Mfg. Co., Albany N. Y.
Economy Welding Machine Co. (Aluminum, Brass, Copper & Bronze "Economy Brand," "Dicksteph Cast Iron Brand"), Kansas City, Mo.
General Welding Co., Hoboken, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Modern Engng. Co. (Welding), 23rd & Walnut, St. Louis, Mo.
Rotax Co., 38 E 133rd, New York
Seligman Arthur (Imp.), 165 B'way, New York
Weld-Wire Co., 395 Christopher av, Brooklyn, N. Y.

4914— Flux (Foundry)

American Alloys Co. (For Brass & Copper), American bldg, Baltimore, Md.
American Boron Products Co. ("Boron"), Reading, Pa.
Basic Mineral Co. ("Keystone," "Thermo" Radioclarite), 834 Columbus av N S, Pittsburgh, Pa.
BASIC MINERAL CO. ("Keystone" Ther-Mo & "Radioclarite"), Box 276, N. S., Pittsburgh, Pa.
See adv index at end of book
Bessemer Limestone Co. (Limestone), Youngstown, O.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Cleveland Tensilite Co., 1302 Ontario av, Cleveland, O.
Foundry Specialty Co., Cincinnati, O.
New Era Mfg. Co., Kalamazoo, Mich.
Uraniumite Co. of America, 609 Main, Buffalo, N. Y.

Flux (Soldering)

See Soldering Paste, Salts & Stick

4914a— Flux (Tinning)

Grasselli Chem. Co., Guardian bldg., Cleveland, O.
Hachmeister-Lind-Chem. Co., Pittsburgh, Pa.

4915— Fly Nets

Altland Alfred D., Dillsburg, Pa.
Brougher W. D. Net Co., Wellsville, Pa.
Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*
Diamond Whip Co. (Leather), 406 N Curtis, Chicago, Ill.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Given R. & Son Co. (For Horses), Sidney, Ohio
Hardenbergh P. R. L. & Co. (Leather, etc), 237 E 8th, St. Paul, Minn.
Harley J. S. (Cotton Horse), Quakertown, Pa.
Hess & Hopkins Leather Co., Rockford, Ill.
Kling Mfg. Co., 2425 Fond du Lac av, Milwaukee, Wis.
Scheffer & Rossum Co., 104 E 10th, St. Paul, Minn.
Wellsville Mfg. Co., Wellsville, Pa.
Young Benjamin Co., 241 E Water, Milwaukee, Wis.

Fly Screens

See Screens, Window, Metal Frame; also Screens, Window & Door; also Screens, Wire, Rustless

4915a— *Fly Wheels

WHITON D. E. MFG. CO. (Finished Ready for Gas Engines), New London, Conn.
See adv index at end of book

4916— Foil (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Kemp W. H. Co., 165 Spring, New York
Seligman Arthur (Imp), 165 B'way, New York

4917— Foils (Fencing)

Spalding A. G. & Bros. (Importers), 126 Nassau, New York

4917a— Food Colors (Certified)

National Aniline & Chem. Co., Inc., 21 Burling Slip, New York

4918—Foods (Animal & Poultry)

Baugh & Sons Co. (Poultry), 20 S Delaware av, Phila., Pa.
Consolidated Rendering Co. ("The-eggs-pay-for-it" brand), 40 N Market, Boston, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Rogers A. Co., Aurora, Ill.
Wilson & Co., Union Stock Yards, Chicago, Ill.

4919—Foods (Cereal, Prepared, Etc.)

See also Oatmeal

Albers Bros. Milling Co., Los Angeles, Cal.
American Cereal Coffee Co., 319 W. Chicago av, Chicago, Ill.
Ashby & Sons, Leavenworth, Kans.
Atlas Cereal Co., 1200 West 8th, Kansas City, Mo.
Beck Cereal Co., 569 Fort West, Detroit, Mich.
Better Way Products Co., San Diego, Cal.
Biltmore Wheat Hearts Co., Asheville, N.C.
Canadian-American Cereal Products Co., Produce Exchange, New York
Chicago Concentrated Food Co., Inc., 3059 Sheffield av, Chicago, Ill.
Cream of Wheat Co., 5th & 1st av, N Minneapolis, Minn.
Dimond Milling Co., Keokuk, Ia.
Emmer Products Co., Denver, Colo.
Evans Milling Co., Indianapolis, Ind.
Excelsior Cereal Milling Co., 726 Santa Fe av, Los Angeles, Cal.
Farwell & Rhines, Watertown, N. Y.
Franklin Mills Co., Batavia, N. Y.
Fruen Cereal Co., Western av, S W cor Thomas av, N Minneapolis, Minn.
Gift J. W. & Co., Peoria, Ill.
Golden Elevator & Mill Co., Golden, Ill.
H-O Company, Buffalo, N. Y.
Hecker Cereal Co., 40 Corlear, New York
Horlick's Malted Milk Co., Racine, Wis.
Johnson Educator Food Co., Cracker, Sugar Wafers, Trangluten Flour, 100 Sidney, Cambridge, Mass.
Kaufman Ben. & Sons, 178 Stanton, New York
Kaufman Jos., 148 Ludlow, New York
Kaufman Milling Co., 148 Ludlow, New York
Kellogg Food Co., Battle Creek, Mich.
Kellogg Toasted Corn Flake Co., Battle Creek, Mich.
Keystone Flour Co., 1534 Ridge av, Phila., Pa.
King Cereal & Mfg. Co., 559 West Rand, Chicago, Ill.
Lea Milling Co., Wilmington, Del.
Lens Co., 3d av & Ross, Pittsburgh, Pa.
Lexington Flouring Mills, Lexington, Mo.
Mellin's Food Co., 261 Franklin, Boston, Mass.
Michigan Tea Rusk Co., Holland, Mich.
Murdock Liquid Food Co., 78 Tyler, Boston, Mass.
Northern Illinois Cereal Co., 1306 Belmont av, Chicago, Ill.
Oakdale Baking Co., 10th & Susquehanna av, Phila., Pa.
Pacific Milling Co., 74 Langton, San Francisco, Cal.
Patent Cereals Co., Geneva, N. Y.
Phospho Food Co., Los Angeles, Cal.
Pillsbury Flour Mills Co., Metropolitan Life bldg, Minneapolis, Minn.
Plymouth Milling Co., Le Mars, Ia.
Postum Cereal Co., Ltd., Battle Creek, Mich.
Puget Sound Flouring Mills Co., Tacoma, Wash.
Pure Gluten Food Co., 90 W B'way, New York
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Ridges Food Co. ("Ridge"), 20 Yeoman, Boston, Mass.
Shredded Wheat Co., Dept. H, Niagara Falls, N. Y.
Sims Cereal Co., Central av, Minneapolis, Minn.
South Side Cereal Mills, Fort Wayne, Ind.
Stanard Tilton Milling Co., Pierce bldg, St. Louis, Mo.
Standard Flaked Food Co., Owosso, Mich.
Sun Milling Co., Oakland, Cal.
Thompson Milling Co., Lockport, N. Y.
United Cereal Mills, Quincy, Ill.
U. S. Cereal Co., Upper Sandusky, O.
Voigt Milling Co., Grand Rapids, Mich.
Waseca Milling Co., Waseca, Minn.
Wheatena Company, Rahway, N. J.
Woods J. S., Fredericksburg, Va.

4920—Foot Rests for Automobiles

Flat Metal Mfg. Co., 223 W Huron, Chicago, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Novelty Mfg. Co., Waterbury, Conn.
Republic Auto Parts Co. (For Ford Cars), 81 10th, Long Island City, N. Y.

4921— Foot Rests (Radiator)

Beaton & Cadwell Mfg. Co. (Adjustable), New Britain, Conn.
Central Supply Co. ("Ovendens"), Worcester, Mass.
Jennison Co. (" Jennison," Adjustable), Fitchburg, Mass.

4922—Foot Rests (Shoe Blacking)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Columbus Brass Co., 538 Columbus av, Columbus, O.
See adv index at end of book
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle Jno. C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Fate-Root-Heath Co., Plymouth, O.
Sacks Louis, Inc. ("Star"), Wilson av, Newark, N. J.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

4923—Foot Warmers (Electric)

Hotpoint Electric Heating Co. ("El Warmo"), Los Angeles, Cal.
International Elec. Co., Indianapolis, Ind.
Rochester Stamping Co., Anderson av, Rochester, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4923a1—Footwarmers (Soapstone)

Alberene Stone Co., 223 E 23rd, New York
Old Dominion Soapstone Co., 71 Murray, New York
Phoenix Soapstone Co., 71 Murray, New York
Pike Mfg. Co., Pike, N. H.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Soapstone Co., Perkinsville, Vt.

4923a—*Forced Draft Apparatus

Western Blower Co., 1300 9th av, S, Seattle, Wash.

4924— Forges (Blast)

Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Buffalo Forge Co. (Stationary & Portable), Buffalo, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co. 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Michigan Forge & Iron Wks., 30 Richmond av, Detroit, Mich.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
Miner & Peck Mfg. Co., New Haven, Conn.
Paterson Forge Co., Bridgeport, Conn.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Forges (Brazing)

See Furnaces, Brazing

4925—Forges for Brazing Irons

Anthony Co., 9 Jackson av, Long Island City, N. Y.
Covel Mfg Co., Benton Harbor, Mich.
Hauck Mfg. Co., 101 11th, Brooklyn N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4926—Forges for Drop Forging Plants

American Gas Furnace Co. (Gas Blast), 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*

4927— Forges (Gas Blast)

American Gas Furnace Co., 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Comstock A. S. (Automatic Power), Evanston, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

4927a— Forges (Hammer)

Anthony Co., 138 West av, Long Island City, N. Y.
Carlson Forgings Co. (Steam), 733H Fulton, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

4928— Forges (Heating)

See also Furnaces

Anthony Co., 138 West av, Long Island City, N. Y.
Bradley C. C. & Son, Syracuse, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. (Portable & Stationary), Chicago Heights, Ill.
Chicago Flexible Shaft Co. ("Stewart," Crude Oil or Gas), 5600 W 12th, Chicago, Ill.
Evans' Jno. Sons (& Welding), 506 N 13th, Philadelphia, Pa.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
New York Blower Co., Archer av & Canal, Chicago, Ill. Works, Bucyrus, O.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4929—Forges (Manual Training)

Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.

4930— Forges (Oil, Portable)

Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N., Inc., 11 B'way, New York
Denver Fire Clay Co. ("Case" Low Pressure), Denver, Colo.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.
National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
ROCKWELL W. S. CO. (& Stationary), 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4931— Forges (Pneumatic)

Anthony Co., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Manitowoc Shipbuilding Co. ("Gunnell"), Manitowoc, Wis.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4932— Forges (Portable)

ANTHONY CO., 138 West av, Long Island City, N. Y.
Beall Tool Co., East Alton, Ill.
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief" & "Royal"), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.
Cleveland Steam Gauge Co. ("Watson"), 1108 W 9th, Cleveland, O.
Fargo Foundry Co. (Farm), Fargo, N. D.
Furness Bros. Co. ("Cumming"), 1613 Walnut, Chicago, Ill.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Potts D. H. Co., Lancaster, Pa.
Sturtevant B. F. Co. ("Sturtevant," Also Stationary), 15 Damon, Hyde Park, Boston, Mass.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4932a—Forges for Railroad Shops

Anthony Co., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

4933—Forges (Rivet Heating)

Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N., Inc., 11 B'way, New York
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Lovejoy Tool Works (Portable), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Oil Fuel. We build a number of different types having oil reservoirs and without. We also build Flue Welding Furnaces and Machines.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

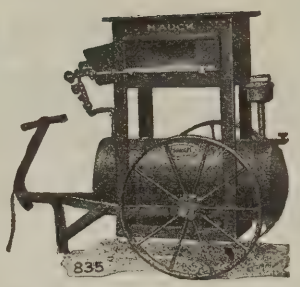
Mahr Mfg. Co. (Portable & Stationary Oil), 1300 N. E. Quincy, Minneapolis, Minn.
Manitowoc Shipbuilding Co., Manitowoc, Wis.
Obermayer S. Co. ("Esco" Facings, etc.), 2563 W. 18th, Chicago, Ill.
ROCKWELL W. S. CO. (Bolt & Rivet), 50 Church, New York *See adv index at end of book*
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Tate-Jones & Co. (Portable & Stationary Oil Rivet Forges), Empire bldg, Pittsburgh, Pa.

Forges (Tuyere Iron)

See Heaters, Tuyere Iron

4933a1—Forges (Upsetting)

Anthony Co., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*



HAUCK RIVET FORGES

Burn kerosene, crude oils, or distillate.

Operates with compressed air without pressure on fuel tank.

Full value of heat units obtained through perfect combustion of fuel consumed.

HAUCK MANUFACTURING CO.
20 Years' Oil Burner Experience
136 10th St. Brooklyn, N. Y.

Ketler-Elliott Erection Co., 115 N. Clark, Chicago, Ill.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

Forging Machines

See Machines, Forging

4933a—Forgings (Aeroplane Cylinders)

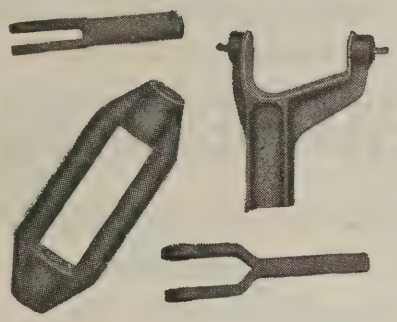
Am. Forging Co., Clifton, N. J.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O. *See adv index at end of book*
Moore Drop Forging Co., Springfield, Mass.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4934—Forgings (Alloy Steel)

Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
Am. Forging Co., Clifton, N. J.
American Hollow Boring Co., 1055 W. 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Blakeslee Forging Co., Plantsville, Conn.
Bonney Forge & Tool Wks., Allentown, Pa.
Commercial Drop Forge Co., Warren, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Davis Sewing Mach. Co., Dayton, O.
Duke Steel Co., Inc., 191 Pearl, New York *See adv index at end of book*
ELECTRIC STEEL & FORGE CO., 6606 Grant av., Cleveland, O. *See adv index at end of book*
General Railway Signal Co., Dept. H. Rochester, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
INTERSTATE DROP FORGE CO., 2100 27th, Milwaukee, Wis. *See adv index at end of book*
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
Laclede Steel Co., Arcade bldg., St. Louis, Forging Plant, East St. Louis, Mo.
Ludlum Steel Co., Watervliet, N. Y.
Mesta Machine Co., Box 1124 Pittsburgh, Pa. *See adv index at end of book*
Moore Drop Forging Co., Springfield, Mass.
Morgan Engineering Co., Alliance, O.
National Forge & Tool Co., Irvine, Pa.
POLLAK STEEL CO., THE, 386 W. 71st Carthage, Cincinnati, O.
SCRANTON FORGING CO., Scranton, Pa. *See adv index at end of book*
Tacony Steel Co., Franklin Bank bldg., Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4935— Forgings (Aluminum)

Aluminum Mfrs., Inc. ("Lynite"), 2210 Harvard av., Cleveland, O.



FORGINGS

WRITE FOR CATALOGUE AND QUOTATIONS ON STOCK FORGINGS

SEND US BLUE PRINTS FOR SPECIAL WORK

PRESTON MOTORS CORP.
PLANT NO. 2
BIRMINGHAM, U. S. A.

Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
United States Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4936—Forging (Automatic Coupler)

Bethlehem Steel Co., So Bethlehem, Pa.

4937— Forgings (Automobile)

See Forgings, Drop; also Forgings, Iron & Steel
Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
American Forge Works, Denver, Col.
American & British Mfg. Co., Charles Providence, R. I.
Anderson Forge & Machine Co., Detroit, Mich.
Ashtabula Bow Socket Co. (Automobile Bow-Sockets, Gooseneck & Top Rest Irons, Socket Irons, etc), Ashtabula, O.
Atlas Drop Forge Co., Lansing, Mich.
Atwater Mfg. Co., Southington, Conn.
Baker Gun & Forging Co., Batavia, N. Y.
Barnett Drop Forging Co. (Crankshafts & All Auto Forgings), East Hampton, Mass.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co. (Of Special Grades of Steel), South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Blackeslee Forging Co., Plantsville, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Brennan Jno. & Co., Dept H, 24th & M. C. R. R., Detroit, Mich.
Brewer-Tichener Corp., Cortlandt, N. Y.
Briscoe Motor Corp., Jackson, Mich.
Canton Drop Forging & Mfg. Co., Canton, O.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Christie Kline Forging & Machine Co., 2739 Guoin, Detroit, Mich.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Clark J. L. Mfg. Co., Oshkosh, Wis.
Cleveland City Forge & Iron Co., Cleveland, O.
Cleveland Hardware Co., Lakeside av. & E 45th, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Commercial Drop Forge Co., Warren, Pa.
Davis Sewing Machine Co., Dayton, Ohio
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Drop Forging Co. of N.Y., 301 West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Eagle Bolt & Forging Co., 1435 E 45th, Cleveland, O.
Eccles Richard Co., Auburn, N. Y.
Frost Gear & Forge Co., Jackson, Mich.
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
General Railway Signal Co., Rochester, N. Y
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Hayes Mfg. Co. (Iron), 480 Maybury, Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Herbrand Co., Fremont, O.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Ingalls-Shepard Forging Co., 332 S Michigan av, Chicago, Ill.; Works: Harvey, Ill.
Interstate Drop Forge Co., 2100 27th, Milwaukee, Wis. *See adv index at end of book*

Drop Forgings of Quality
Small Forgings a Specialty
INTERSTATE DROP FORGE CO.
2100—27th St. Milwaukee, Wis.

Ketler-Elliott Co. ("Ketoco"), 31st and California, Chicago, Ill.
Keystone Forging Co., Northumberland, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
See adv index at end of book
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
McInnes Steel Co. (Ltd.) ("McInnes," Steel), Corry, Pa.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moore Drop Forging Co., Springfield, Mass.
New Brunswick Iron Works, New Brunswick, N. J.
O. K. Tool Holder Co., Shelton, Conn.
Ohio Forge Co. (Drop & Hammered), Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pettis W. W. Co., 416-417 1st Natl Bank bldg, Cincinnati, O.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th av N, Birmingham, Ala.
See adv index at end of book
Richmond Forgings Corporation, Richmond, Va.
Rivetless Chain & Engineering Co., Avon, Pa.
Rockford Drop Forge Co., Rockford, Ill.
Seward M. & Son Co., New Haven, Conn.
Steel Improvement & Forge Co., 5003 Windsor av, Cleveland, Ohio
Strieby & Foote Co. (Drop), 301 Ogden, Newark, N. J.
Thomson Drop Forge Co., Plantsville, Conn.
Tindel-Morris Co. (Finished), Eddystone, Pa.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Forging Co., Union, N. Y.
Union Switch & Signal Co., Swissvale, Pa.
Western Drop Forge Co., Marion, Ind.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
WILLIAMS, J. H. & CO., 31 Richards Brooklyn, N. Y.
See adv index at end of book
Willys-Morrow Co., Inc., Dept. H, Elmira, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wyman-Gordon Co. (Cam Shaft, Connecting Rod, etc), Worcester, Mass.

4937a — *Forgings (Brass, Bronze, Copper & Monel Metal)

See also following headings
Am. Brass Products Co., Pottstown, Pa.

4938— Forgings (Bronze)

American Brass Products Co., Pottstown, Pa.

CHAMPION DROP FORGINGS

Champion Drop Forgings are the result of a full appreciation by Champion Engineers and craftsmen of the engineers' opinion of the importance of accuracy, strength and balance. Hiding no weakness—no variations in stamina, Champion Drop Forgings are daily demonstrating their serviceability in thousands of cars, trucks, tractors, and general industrial machines which are known far and wide for high mechanical perfection. When buying forgings consider this tangible service—this organization that absorbs your opinions and achieves a definite result. Write or wire for a Champion Engineer or send us your blue prints and specifications.

The Champion Machine & Forging Co., 3690 E. 78th St., Cleveland, Ohio

New York Office—30 Church St. Philadelphia Office—Bourse Bldg. Detroit Office—705 Ford Bldg.

Forgings for Automobiles, Ice Machinery, Steam Engines, Gas Engines, Air Compressors, Well Drilling and Machinery of Every Kind

DROP and MACHINE FORGINGS of EVERY DESCRIPTION

OUR SPECIALTIES

AUTOMOBILE FORGINGS, OIL WELL DRILLING and FISHING TOOLS

THE COLUMBUS FORGE & IRON CO. Columbus, Ohio

Manufacturers of the Trenton Solid Wrought Anvils and Indian Chief Blacksmith Vises

FORGINGS (BRONZE)—continued

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Billings & Spencer Co., Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Chase Metal Works, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Drop Forging Co. of N.Y., 301 West Side av, Jersey City, N. J.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
General Railway Signal Co., Dept. H, Rochester, N. Y.
INTERSTATE DROP FORGE CO., 2100 27th, Milwaukee, Wis.
See adv index at end of book
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
O. K. Tool Holder Co. (Tobin Bronze), Shelton, Conn.
Pennsylvania Forge Co., Jenks & Bath, Phila., Pa.
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Virginia Forging & Mfg. Co., Richmond, Va.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

4938a— Forgings (Car)

American Car & Foundry Co., St. Louis, Mo.
Anniston Electric Steel Co., Dept. H, Anniston, Ala.
Bonney Forge & Tool Works, Allentown, Pa.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Cambria Steel Co., Widener Bldg., Phila., Pa.
Davis Sewing Machine Co., Dayton, Ohio
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Edge Moor Iron Co., Edge Moor, Del.
Etna Forge & Bolt Co., House Bldg., Pittsburgh, Pa.
Hamilton Wm. Sons Car Co., Dept. H, Newark, O.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Illinois Car & Mfg. Co., 20 W Jackson Blvd, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pettis W. W. Co., 416-417 First National Bank bldg., Cincinnati, Ohio.
Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th av N., Birmingham, Ala.
See adv index at end of book
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Steel Car Forge Co., Hammond, Ind.
Steel Car Forge Co., Elwood City, Pa.
Titusville Forge Co., Titusville, Pa.
Tredegar Co., ft. of 5th, Richmond, Va.
Valley Forging Co., Verona, Pa.
Western Steel Car & Fdry Co., People's Gas Bldg., Chicago, Ill.
Western Tool & Forge Co., Brackenridge, Pa.
Willard, Sons & Bell Co., 3044 98th, Chicago, Ill.

4939—Forgings (Carriage & Wagon)

Akron-Sells Co. (wagon), Akron, O.
Atwater Mfg. Co., Southington, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
CHAMPION MACHINE & FORGING CO., (The), 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hardware Co. (Steele), Lakeside av & E 45th, Cleveland, O.
Columbus Bolt Wks. Co., Columbus, O.
Commercial Drop Forge Co., Warren, Pa.
Cortland Forging Co., Cortland, N. Y.
Davis Sewing Machine Co., Dayton, Ohio.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Drummond Mfg. Co. (wagon), Louisville, Ky.
Eccles Richard Co., Auburn, N. Y.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Herbrand Co., Fremont, Ohio.
Keystone Forging Co., Northumberland, Pa.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Mott Wheel Works, Jackson, Mich.
Owensboro Forging Co. (wagon), Owensboro, Ky.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th av N., Birmingham, Ala.
See adv index at end of book
Queen City Forging Co. (Carriage), Dumont & Tennyson, Columbia, Cincinnati, O.
Smith H. D. & Co., Plantsville, Conn.
Standards Parts Co. (The), Cleveland, O.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Tioga Steel & Iron Co., 52d & Grays, Phila., Pa.
Union Forging Co., Union, N. Y.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.

4940— Forgings (Cold)

Badger Tool & Forge Co. (Chisels, Punches, Drift Pins), 707 Nebraska, Oshkosh, Wis.
Commercial Drop Forge Co., Warren, Pa.
Oakes Co., Indianapolis, Ind.
WORCESTER PRESSED STEEL CO., Worcester, Mass.
See adv index at end of book

4941— Forgings (Copper)

American Brass Products Co., Pottstown, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Billings & Spencer Co., Hartford, Conn.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
General Railways Signal Co., Dept. H, Rochester, N. Y.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Mutual Electric & Machine Co., 232 Fort, W, Detroit, Mich.
Pennsylvania Forge Co., Jenks & Bath,
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

4942— Forgings (Die)

Allegheny Forgings Co., Keenan bldg, Pittsburgh, Pa.
American Forge & Machine Co., Canton, O. Ohio
American Forging Co., Clifton, N. J.
Bonney Forge & Tool Works, Allentown, Pa.
Brooks Machine Co., York, Pa.
See adv index at end of book
Davis Sewing Machine Co., Dayton, Ohio.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
General Railways Signal Co., Dept. H, Rochester, N. Y.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Larson Chas. E., 111 N. Desplaines, Chicago, Ill.
Marine Hardware-Equipment Co., South Portland, Maine.
See adv index at end of book
Moore Drop Forging Co., Springfield, Mass.
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, Ohio
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Union Switch & Signal Co., Swissvale, Pa.
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4943— Forgings (Disc)

Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
American Forging Co., Clifton, N. J.
Bonney Forge & Tool Works, Allentown, Pa.
Chase Metals Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Davis Sewing Machine Co., Dayton, Ohio.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
General Railways Signal Co., Dept. H, Rochester, N. Y
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Moore Drop Forging Co., Springfield, Mass.
Ohio Forge Co., Cleveland, O.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Steel Forgings Co., Oakley, Cincinnati, O.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

4944— Forgings (Drop)

See also Forgings, Iron & Steel

Acme Machine Co., 316-26 N. 17th, Phila, Pa. *See adv index at end of book*
Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Chain Co., Bridgeport, Conn.
American Forge Works, Denver, Colo.
American Forge & Machine Co., Canton, O.
American Forging & Socket Co., Pontiac, Mich.

WILLIAMS' SUPERIOR DROP-FORGED TOOLS

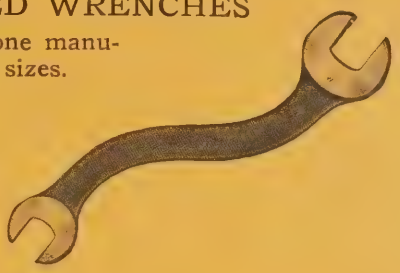
WILLIAMS' SUPERIOR DROP-FORGED WRENCHES

include the greatest variety made by any one manufacturer—45 Standard Patterns in 1000 sizes.

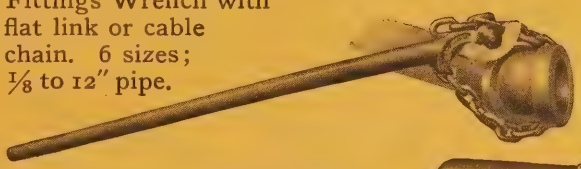




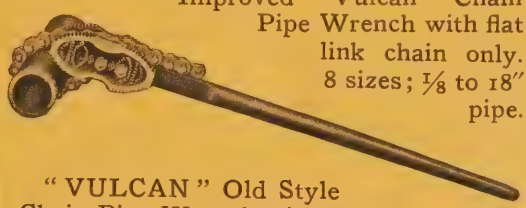
"ALWAYS READY"
4 sizes—5 to 11½".



"Falcon" Chain Pipe and Fittings Wrench with flat link or cable chain. 6 sizes; ⅛ to 12" pipe.



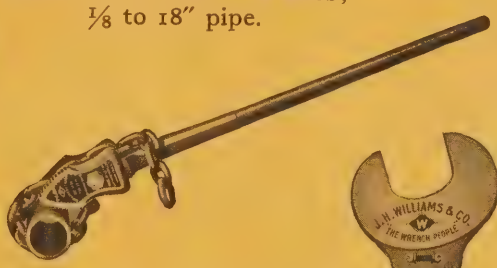
Improved "Vulcan" Chain Pipe Wrench with flat link chain only. 8 sizes; ⅛ to 18" pipe.



"VULCAN" Chain Pipe Vise. 3 sizes for ⅛ to 8" pipe.

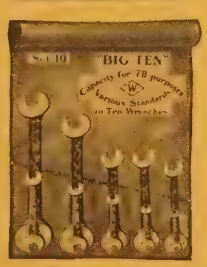


"VULCAN" Old Style Chain Pipe Wrench with flat link or cable chain. 8 sizes; ⅛ to 18" pipe.





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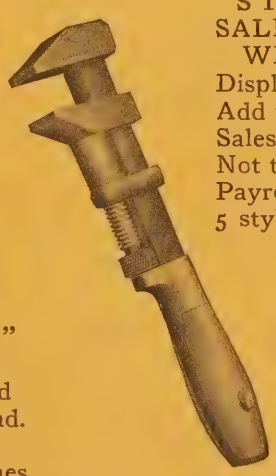


W & B "Railroad Special" 7 sizes. 6 to 21 inches.

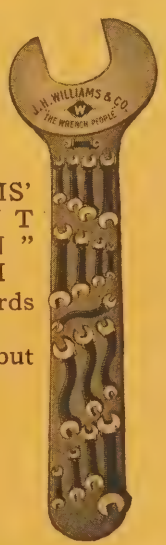




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Baker Gun & Forging Co. (Small), Batavia, N. Y.
Baldt Anchor & Chain Co., Chester, Pa.
Ballard Drop Forge Co., Seattle, Wash.
Barnett Drop Forging Co. (Auto & General), Easthampton, Mass.
Bassett D. M. Bolt Works, Shelton, Conn.
Bearings Co. of Am., Lancaster, Pa.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co. (Automobile & Spring Steering Connections, Spring Box Throttle Connections, Rod & Yoke End), Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Bonner Drop Forge Co., 111 W Washington, Chicago, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Brennan Jno & Co. ("J. B."), Dept. H, 24th & M. C. R. R., Detroit, Mich.
Brewer Bros. Co., 2nd & Somerset, Phila., Pa.
Brooks Machine Co., York, Pa.
See adv index at end of book

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YORK, PA.

Brown R. H. & Co., New Haven, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Drop Forging & Mfg. Co., Canton, Ohio
Cape Ann Tool Co., Rockport, Mass.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co. (Carriage, Bicycle, etc.), 300 Genesee, Auburn, N. Y.
Clark W. J. Co., Salem, O.
Cleveland City Forge & Iron Co., Cleveland, O.
Cleveland Hardware Co., Lakeside av & E 45th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E Cleveland, O.
Columbia Machine Works & Malleable Iron Co. (Electric. Railway), Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Anvil & Forging Co., Columbus, O.
Columbus Bolt Works Co. (Carriage, etc), Columbus, O.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Commercial Drop Forge Co., Warren, Pa.
Crescent Forgings Co., Oakmont, Pa.
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Danielson J. P. & Co., Jamestown, N. Y.
Davis Sewing Machine Co., Dayton, O.
Dean Forging Co., Muncie, Ind.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Diamond Expansion Bolt Co. (Hand & Drop Hammer), 89 West, New York
See adv index at end of book
Driggs-Seabury Ordnance Co. (Vanadium Steel, Nickel & Carbon), Sharon, Pa.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Duncan Co., 506 Water, Toledo, Ohio
Dunn Machine Co., Buffalo, N. Y.
Dyson Jos. & Sons, 5125 St. Clair av, Cleveland O.
Eagle Bolt & Forging Co. (Steel), 1435 E 45th, Cleveland, O
Eccles Richard Co. (Carriage & Special), Auburn, N. Y.
Electro Steel Co., Curry bldg, Pittsburgh, Pa.
Endicott Forging & Mfg. Co., Endicott, N. Y.
Eureka Co. (Light Steel), North East, Pa.
Finkl A. & Sons Co., 1326 Cortland, Chicago, Ill.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Frost Gear & Forge Co., Jackson, Mich.
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
General Electric Signal Co., Dept. H, Rochester, N. Y.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Great Lakes Forge Co., Racine av & 119th Chicago, Ill.
Hartford Drop Forge Co. (Small & Medium), Hartford, Conn.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Henry & Allen, Auburn, N. Y.
Herbrand Co., Fremont, O.
Hill-Brunner Foundry Supply Co., 637 Evans, Cincinnati, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Indianapolis Drop Forging Co. (All Kinds), Indianapolis, Ind.
Ingalls-Shepard Forging Co., 332 S Michigan, Chicago, Ill. Works, Harvey, Ill.
Interstate Drop Forge Co., 2100 27th, Milwaukee, Wis. *See adv index at end of book*

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Kilborn & Bishop Co. (Carriage, Bicycle, etc.), 194 Chapel, New Haven, Conn.
Kraeuter & Co. (Small, High Grade), 583 18th av, Newark, N. J.
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Ladish Drop Forge Co., Cudahy, Wis.
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Lansing Forge Co., Lansing, Mich.
See adv index at end of book
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See adv index at end of book
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Modern Machy. Co. (Finished), Wilmington, Del.
Moore Drop Forging Co., Springfield, Mass.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Forge Co., Worcester, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
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Ohio Forge Co., Cleveland, O.
Oliver Iron & Steel Co. (Car & General), S 10th & Muriel, Pittsburgh, Pa.
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Pawtucket Mfg. Co., Pawtucket, R. I.
Pennsylvania Forge Co., Jenks & Bath, Phila., Pa.
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POLLAK STEEL CO., THE, 386 W. 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th, Av N, Birmingham, Ala.
See adv index at end of book
Revere Drop Forge Co., Revere, Mass.
Rhode Island Tool Co., Providence, R. I.
Richmond Forgings Corp., Richmond, Va.
Rivetless Chain & Engineering Co., Avon, Pa.
Rockford Drop Forge Co., Rockford, Ill.
Roren Drop Forging Co., Inc., 36 Warren, New York
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Scholihorn Wm. Co., New Haven, Conn.
Schuylkill Forge Co., Luzerne & Third, Phila, Pa.
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Southern Saw Works, East Point, Ga.
Spicer Mfg. Co., So. Plainfield, N. J.
Springfield Iron Wks., Springfield, Mass.
Standard Drop Forge Co., Balboa bldg, San Francisco, Cal.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Steel Improvement & Forge Co., 5003 Windsor av, Cleveland, Ohio
Sterling Drop Forge Works, Cicero, Ill.
Stolle Frank J., 1st Nat'l Bank bldg, Cincinnati, O.
Strait H. M. Mfg. Co., Kansas City, Kan.
Strieby & Foote Co. (Automobile & Special), 301 Ogden, Newark, N. J.
Superior Mfg. Co., Gloucester, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Valley Forging Co., Verona, Pa.
Voight Henry Mach Co., Inc., Louisville, Ky.
Warren Axe & Tool Co., Dept. H, Warren, Pa.
Western Drop Forge Co., Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Williams Drop Forging Co., Scranton, Pa.
WILLIAMS J. H. & Co., 31 Richards Brooklyn, N. Y.
See adv index at end of book
Willys-Morrow Co. Inc., Elmira, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wyman-Gordon Co., Worcester, Mass.

Forgings (Electric)

See Welding, Electric

4945—Forgings (Electric Railway)

See also Forgings, Drop; also Forgings, Iron & Steel

Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Brill J. G. Co., 62d & Woodland av, Phila, Pa.
Champion Machine & Forging Co., 3690 E 78th, Cleveland, O.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co. (All Kinds), Atlantic av & Chestnut, Brooklyn, N. Y.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
General Drop Forge Co., Buffalo, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Hubbard Co., 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th, Av N, Birmingham, Ala.
See adv index at end of book
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Standard Parts Co. (Gas Welded), Cleveland, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Wason Mfg Co., Springfield, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

4946— Forgings (Electrically Welded)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Standard Parts Co. (Electric Welded), Cleveland, O.

4947-8— Forgings (Gas Engine)

See also Forgings, Drop; also Forging, Iron & Steel

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Am. Forging Co., Clifton, N. J.
Am. Hollow Boring Co. (Bored), Erie, Pa.
AMERICAN HOLLOW BORING CO., 1055 W. 19th, Erie, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.

FORGINGS (GAS ENGINE)—continued
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bonney Vise & Tool Wks., Inc., Allentown.
See adv index at end of book
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Commercial Drop Forge Co., Warren, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Drop Forging Co. of N. Y., 301H West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Duncan Co., The, 508 Water, Toledo, O.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Erie Forge Co. (Marine), Erie, Pa.
General Drop Forge Co., Buffalo, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Marine Hardware Equipment Co., South Portland, Maine.
See adv index at end of book
Moore Drop Forging Co., Springfield, Mass.
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, O
Pettis W. W. Co., 416-417 First National Bank bldg, Cincinnati, Ohio.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th, Av. N, Birmingham, Ala.
See adv index at end of book
Rockford Drop Forge Co., Rockford, Ill.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Steel Forging Co., Oakley, Cincinnati, O.
Tindel-Morris Co., (Specialty, Crankshafts Finished), Eddystone, Pa. & Ellwood City, Pa.
Titusville Forge Co., Titusville, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co., P O Box 386, Marion, Ind.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co., Worcester, Mass.

4948— Forgings (Hollow)

Am. Forging Co., Clifton, N. J.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Electric Steel & Forge Co., 6600 Grant av, Cleveland, O.
See adv index at end of book
Erie Forge Co. (Bored, Hole from ½ "to 20" Diameter, and from 1 ft. to 30 ft. Length, Rough or Finished), Erie, Pa.
Harrisburg Pipe & Pipe Bending Co., Herr, nr. 10th, Harrisburg, Pa.
National Forge & Tool Co. (Bored), Irvine, Pa.
POLLAK STEEL CO. (THE), 386 W. 71st, Carthage, Cincinnati, O.

4950— Forgings (Hydraulic)

American Forge & Machine Co. (Steam Hydraulic Press), Canton, O.
Am. Forging Co., Clifton, N. J.
American & British Mfg. Co., Charles, Providence, R. I.
Atlas Drop Forge Co., Lansing, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Commercial Milling Co. (Meal), 229 Randolph, Detroit, Mich.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pettis W. W. Co., 416-417 Natl. Bank bldg., Cincinnati, O.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4951—Forgings (Iron & Steel)

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ANNISTON—Anniston Electric Steel Corp.
BIRMINGHAM—Cruse-Crawford Mfg. Co.
Grace C. M. & Co. (Light & Heavy)
Johnson & Thompson
PRESTON MOTORS CORP., 24th & 27th, Av N.
See adv index at end of book

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LOS ANGELES—Mills Iron Works, 927 N. Main
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Pennington G. W. Sons, 1699 Montgomery
Scott, Sugden & Lamont, Monadnock bldg
The Pollak Steel Co., Hobart Bldg.
Yuba Mfg. Co., Insurance Exchange bldg.

COLORADO.

DENVER—Ajax Iron Works Co. (Steam Hammer)
American Forge Works
Colorado Iron Works Co.
PUEBLO—Pueblo Fdry. & Machine Co.

CONNECTICUT.

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Heppenstall Forge Co.
HARTFORD—Billings & Spencer Co.
NEW HAVEN—Seward M. & Son Co.
PLANTSVILLE—Blakeslee Forging Co.
Smith H. D. & Co. (Carriage)
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ILLINOIS.

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Blancke A. C. & Co., 602 So. Lake
Buda Co. (Special Track Work), Railway Exch bldg
Carlson Forgings Co., 733 Fulton
Illinois Car & Mfg. Co. (Car), 20 W Jackson blvd
Ingalls-Shepard Forging Co. (Auto, R. R. Machinery, etc.), 332 S Michigan, Chicago, Ill. Works: Harvey, Ill.
Kropp Forge Co. (General Forgings), 2512 W 21st
O'Leary Arthur J. & Son Co. (Bars, Rods, Bolts, Vises, Railway & Quarry Tools, etc), 65th & 57th av
Standard Forgings Co., 80 E Jackson blvd
Steel Fabricating Corp. (Light), 4 McCormick bldg
Sundberg Co. (Hammered Steel), 1024 W. Kinzie
Union Drop Forge Co., 358 W Grand av.
Western Steel Car & Foundry Co. (Car & Railroad), Peoples' Gas bldg, Chicago, Ill.
Willard Sons & Bell Co. (Axles, Locomotives & Cars), 3044 98th
EAST ST. LOUIS—Laclede Steel Co. Valley Works
HARVEY—Buda Co. (See Chicago, Ill.)
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ROCKFORD—Rockford Drop Forge Co. (Steel)

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GARY—Gary Screw & Bolt Co.
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Ferguson Mfg. Co. (Oil, Gas & Water)

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KANSAS CITY—Strait H. N. Mfg. Co.

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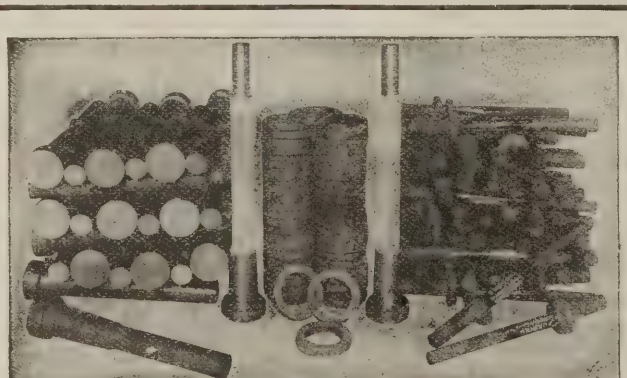
NEW ORLEANS—Swoop Julian M. (Light & Heavy), 913 Girod

MAINE.

PORTLAND—Portland Co.
SOUTH PORTLAND—Marine Hardware Equipment Co.
See adv index at end of book

MARYLAND.

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QUINCY—Fore River Shipbuilding Corp. (Heavy)
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Wason Mfg. Co. (For Steam Electric Railroads)
WORCESTER—New England Forge Co.
Wyman-Gordon Co. (All Kinds)

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Christie Kline Forging & Machine Co. (Automobile & Stewing Machines), 2739 Guoin
Detroit Forging Co., 120 Mt. Elliot av
Great Lakes Engineering Works (Marine, etc), Real Est. Exch. bldg
Hayes Mfg. Co., 480 Maybury
Lauer Jno. Mach. Co., 110 St. Antoine
Michigan Bolt & Nut Works, ft. of Meldum
Pollak Steel Co., 790 Woodward
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SAGINAW—Koehler Bros.
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MINNESOTA.

DULUTH—National Iron Co.

MISSOURI.

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ST. LOUIS—American Car & Foundry Co. (Car, Railroad & Merchant), Syndicate Trust bldg
Laclede Steel Co. (Standard Special Forgings), Federal Reserve Bank bldg
Moran Bolt & Nut Mfg. Co. (Car), 1st & Florida
St. Louis Car Co. (Car), 8000 N B'way

MONTANA.

BUTTE—Western Iron Works

NEBRASKA.

OMAHA—Paxton & Vierling Iron Works

NEW JERSEY.

BORDENTOWN — Bordentown Forge & Machine Co.
CAMDEN—Camden Forge Co. (Railway Forgings)
CHROME—Chrome Steel Works
HOBOKEN—Atkinson W. H. Co. (Hammered Forgings, Rough or Machined)
Consolidated Iron Works
New York Switch & Crossing Co. (Railroad)
Nilson-Miller Co. (Steam Hammer & Hand Forgings), 1300-1306 Hudson
Union Iron Works (Light & Heavy)
JERSEY CITY—Drop Forging Co. of N. Y., 301 West Side av
Jersey Forging Works, Dept. H, 16th & Jersey av
Smith Theo. & Sons Co. (Heavy), ft of Essex
NEWARK—Hewes & Phillips Iron Works, 8 Orange
Interstate Bridge Forge & Mfg. Co., 207 Market
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
Strieby & Foote Co., 301 Ogden (Carriage, Bicycle & Auto, etc)
NEW BRUNSWICK—New Brunswick Iron Works

NEW YORK.

ALBANY—Federal Signal Co.
Towsend Foundry & Machine Shop Co,. Broadway & Rensselaer
See adv index at end of book
AUBURN—Clapp E. D. Mfg. Co. (Carriage, etc.), 300H Genesee
Eccles Richard Co.
Henry & Allen
BATAVIA—Baker Gun & Forging Co. (Gun)
BUFFALO—Brennan Richard, Iron Works, 33 River
De Laney Forge & Iron Co., 300 Perry
General Drop Forge Co.
Progressive Structural Steel Co.
Sizer Forge Co. (Locomotive, Iron & Steel Drawing Axles & Marine Engine), 238 Larkin
Vulcan Steam Forging Co., 251 Rano
Wurtz & Son (Railroad & Boiler), Builders Exchange
CORTLAND — Brewer - Titchener Corp. (Carriage)
HILLBURN—Ramapo Iron Works (Railroad, etc)
ITHACA—Williams Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Arwe Carl H. Mfg. Co. Machined), 1348 De Kalb av
Columbia Machine Works & Malleable Iron Co. (Light & Heavy), Atlantic av & Chestnut
Fulton Foundry & Machine Co. (Machinery, etc), 21 Furman
Gaskell Wm. & Son, 59 Freeman
Gill Phil. H. & Sons (Forging & Piping), 2 Lorraine
Hay-Budden Mfg. Co. (Dies, Weldless Rings, Spinning Chucks), 254 N Henry
WILLIAMS J. H. & CO., 31 Richards
See adv index at end of book

Boroughs of Manhattan and Bronx.

NEW YORK—American Bridge Co., 30 Church
AMERICAN CAR & FOUNDRY CO., Broadway
See adv index at end of book
Crowley John A. Co., 120 Liberty
Davidson Steel & Forging Corp., 122 Maiden la.
Dobbie Foundry & Machine Co. (Heavy Plate & Structural Work), 82 Warren. Works: Niagara Falls, N. Y.
Duke Steel Co., Inc., 191 Pearl
See adv index at end of book
GERDES & CO., 42 Church
See adv index at end of book
Griscom-Russell Co., 92 West
See adv index at end of book
Greenlie-Halliday Co. (Heavy & Light), 499 Water
McDougall & Potter Co., Inc., 606 W 55th
Newhall Chain, Forge & Iron Co., 89 West
Ogden J. Edward Co. (Light & Heavy), 147 Cedar
Pennell J. F., Inc.; 206 B'way
Philadelphia Steel & Forge Co. (All Kinds), 50 Church; Works: Tacony, Phila., Pa.
Watson's Forge & Machine Works, 553 W 35th

Borough of Queens.

MASPETH—MERRILL BROS., 3 Arnold
See adv index at end of book

(End of New York City)

NIAGARA FALLS—Ramapo Iron Works (Railroad, etc)
ROCHESTER—General Electric Signal Co., Dept H
SYRACUSE — HALCOMB STEEL CO. (Steel) *See adv index at end of book*
Irving, Robert M.
The Hammond Steel Co., Inc. (Steel only)
TONAWANDA—Gillie Machine Co. (Small Light)
UNION—Union Forging Co. (Carriage & Automobile)

OHIO.

AKRON—Akron-Selle Co. (Wagon)
ALLIANCE—Morgan Engineering Co.
CANAL FULTON—Fulton Drop Forge Co.
CINCINNATI—Pettis W. W. Co., 416-417 First Natl. Bank bldg
Pollak Steel Co. (The), 386 W. 71st, Carthage
Queen City Forging Co. (For Carriage Builders, etc), Dumont & Tennyson, Columbia
Steel Forgings Co., Oakley
Talbot C. R. Co., Alfred & Spring Grv. av
Winkelman Louis & Co., 213 Lawrence
CLEVELAND—American Ship Building Co. (Heavy, Marine, etc), ft. of W. 54
Champion Machine & Forging Co. (Upsetting Special Machine & Hammer Forgings), 3690 E 78th
See adv index at end of book
Cleveland City Forge & Iron Co. (Light etc)
Cleveland Hardware Co. (Steel Forgings for Vehicles), Lakeside av & E 45th
Cleveland Machine & Mfg. Co., 4944 Hamilton av
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E
Dyson Jos. & Sons (For Machine Tools, including Spindles, Shafts, Gear Blanks, etc), 5125 St. Clair av
Eagle Bolt & Forging Co. (Light), 1435 E 45th
ELECTRIC STEEL & FORGE CO. (Dies & Die Tempering, Shaft Cranks, etc.), 6608 Grant av
See adv index at end of book
FISHEL & MARKS CO., ft. of Krakow av
See adv index at end of book
Horsburgh Forge Co., 17310 St Clair
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R.
See adv index at end of book
Lake Erie Forge & Machine Co. (Die, Weldless Steel Rings & Machine Forgings)
Machinery Forging Co. (Small), Hamilton & Marquette
Ohio Forge Co. (Automobile Machine, etc.)
Ohio Machine & Boiler Co., 1510 University rd
Park Drop Forge Co. (Open Hearth, Crucible & Alloy Steel), 760 E 79th
Steel Improvement & Forge Co., 5003 Windsor av
Wyman & Gordon Co., 3803 Superior av (See Worcester, Mass.)
COLUMBUS—Columbus Anvil & Forging Co.
Columbus Bolt Works Co. (Carriage, etc.)
COLUMBUS FORGE & IRON CO. (Heavy & Light Forgings in Multiples) *See adv index at end of book*
DAYTON—Davis Sewing Mach Co. (Steel)
Plocher Andrew Sons Co.
FREMONT—Herbrand Co. (Carriage, etc)
MARIETTA—Leidecker Tool Co.
MARTINS FERRY—McDermott P. J.
MASSILLON—Central Steel Co., Dept. H
Griscom Russell Co.
See adv index at end of book
NEWARK—Hamilton Wm. Sons Car Co., Dept. H
NILES—Niles Forge & Mfg. Co.
NORWALK—Norwalk Drilling Tool Co. (Heavy)
SANDUSKY—Klotz Machine Co. (Light)
TOLEDO—Duncan Co., The, 508 Water
Toledo Foundry & Machine Co.
Toledo Machine & Tool Co.
YOUNGSTOWN—Youngstown City Forge Co.

PENNSYLVANIA.

ALIQUIPPA—Vulcan Crucible Steel Co. (Steel)
ALLENTOWN — Bonney Forge & Tool Works
BRACKENRIDGE—Western Tool & Forge Co. (Air Brake, Car, Wagon, etc)
BRADFORD—Tuna Iron & Steel Works
BRAEBURN—Braeburn Steel Co. (Steel Only)
BURNHAM—Standard Steel Works Co. (Steel Locomotive)
BUTLER—Kesselman & Co. (Heavy)
Larkin & Co.
CHESTER—Thurlow Steel Works
CONNELLSVILLE—Connellsville Machine & Car Supply Co. (Light & Heavy)
CORRY—McInnes Steel Co. (Ltd.) (Machinery & Tool Steel Shapes Forged to Order)
EDDYSTONE—Tindel Morris Co. (Steel Only, Crankshaft & Finished Forging)
ELLWOOD CITY—Ellwood City Forge Co. (Crankshafts, Connecting Rods, Die Blocks, etc)
Steel Car Forge Co. (Car & Locomotive)
ERIE—Bay City Forge Co. (Shapes of all Kinds, Rolls, etc), 1820 Cranberry
Erie Concrete & Steel Co. (Light)
Erie Forge Co. (Engine, Crankshafts, Connecting Rods, etc.)
LAKESIDE FORGE CO. ("Lakeside" Steel Only)
See adv index at end of book
HARRISBURG—Harrisburg Foundry & Machine Works
JOHNSTOWN—Cambria Steel Co. (Steel Car & General Heavy), Main Office: Phila., Pa.
Lorain Steel Co. (Steel)
Suppes Forge & Foundry Co.
Weimer Machine Works Co.
LEBANON — Hunsicker Engineering Co., Dept H
McKEESPORT—Firth-Sterling Steel Co. (Crucible Open Hearth)
MECHANICSBURG—Wilcox D. Mfg. Co. (Carriages & Special of all Kinds)
MILLERSBURG—Millersburg Fifth Wheel Co. (Light)
MILTON—Milton Mfg. Co. (Shafting, Crankshafts, etc)
MONONGAHELA—Liggett Springs & Axle Co. (Buggy & Wagon Axles, etc)
MT. CARMEL—Mt. Carmel Iron Works
NEW BRIGHTON—Leard Wm. Co. (Special Forgings), 16th & 5th av
NORTH EAST—Electric Materials Co. (Steel)
Eureka Co., Dept. H.
NORTHUMBERLAND—Keystone Forging Co. (Carriage & Special)
OAKMONT—Crescent Forging Co.
PHILADELPHIA—Ashman S. A. & Son Co., 2300 E Tioga
Brewer Bros. Co., 2nd & Somerset
Brill J. G. Co. (For Steam & Electric Railroads), 62d & Woodland av
Cambria Steel Co. (Steel Car & General Heavy), Widener bldg
Cann & Saul Steel Co., 516 Commerce
Cramp Wm. & Sons Ship & Engine Bldg. Co. (Marine, etc), Beach & Ball
Hoopes & Townsend Co. (Car, etc), Broad & Buttonwood
Illingworth, John Steel Co. (Crucible Open Hearth Steel), Tacony & Lewis
McGookin D. H. (Structural, etc.), 1630 N 9th

FORGINGS (IRON & STEEL)—continued
PENNSYLVANIA—Philadelphia—contin'd
Midvale Steel & Ordnance Co. (Marine, Locomotive, Car, Gun, etc, of Steel Only), Widener bldg
Nicetown Plate Washer Co., 1824 Juniata
Penn Seaboard Steel Corp., Franklin Bank bldg
Pennsylvania Forge Co. (Steel Only), Jenks & Bath
Philadelphia Iron & Steel Co., Commercial Trust bldg
Philadelphia Steel & Forge Co., Milnor & Bleigh (See New York)
Phoenix Iron Co. (For own Consumption Only), 22 S 15th
Schuylkill Forge Co., Luzerne & Third, Dept. H.
Standard Steel Works Co. (Steel Locomotive), Morris bldg
Tacony Steel Co., Franklin Bank bldg
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
PHOENIXVILLE — Phoenix Iron Co. (Heavy)
PITTSBURGH—Allegheny Forging Co., Keenan bldg
Baltimore Car & Foundry Co.
Carnegie Steel Co. (Steel Only), Carnegie bldg
Crucible Steel Co. of America (Steel Only of All Kinds), Oliver bldg
Duff Mfg. Co., Preble av
See adv index at end of book
Edgewater Steel Co., Edgewater Station & A. V. R. R.
Electro Steel Co. (Electric Furnace Steel), Curry bldg
Etna Forge & Bolt Co. (Car), House bldg
Forged Steel Wheel Co. (Railroad, etc)
Fuller Steel & Iron Co., Park bldg
See adv index at end of book
Heppenstall Forge & Knife Co. (Automobile, Gas Engine & Miscellaneous), 47th & Hatfield
Hubbard & Co. (Light), 63rd & Butler
Lanz M. Bolt Co., 2907H Carson
MESTA MACHINE CO., Box 1124 (Steel Only)
See adv index at end of book

FORGINGS
Heavy Forgings of all kinds
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

New Castle Steel & Iron Co. (Car, Mine, Agricultural, etc)
Oil Well Supply Co., 215 Water
Pittsburgh Block & Mfg. Co., 818 South av
Pittsburgh Forge & Iron Co. (Car, Locomotive & Marine), Chamber of Commerce bldg
Pittsburgh Knife & Forge Co., Ridge & Chateau
Pittsburgh Rivet Co. (Rivets, Bolts, etc), 39th
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Pressed Steel Car Co. (Iron & Pressed Steel), 307 5th av, Pittsburgh, Pa.
Steel Car Forge Co. (For Steam & Electric Railways, Mfg. Plants, etc), Frick bldg, New York
UNITED STATES CHAIN & FORGING CO. (Light & Heavy), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
RANKIN—(See Pittsburgh)
READING—Carpenter Steel Co. (Steel & Gun)
Penn Foundry & Mfg. Co.
Reading Iron Co. (Heavy Marine Engines, etc)
SCRANTON—**SCRANTON FORGING CO.**
See adv index at end of book
SHARON—Driggs-Seabury Ordnance Co.
SOUTH BETHLEHEM—Bethlehem Steel Co. (Heavy of All Kinds)
SWISSVALE—Union Switch & Signal Co.
TITUSVILLE—Titusville Forge Co. (Light & Heavy, Shapes of Every Description & Roll Forgings, Car Forgings, etc)
VERONA—Valley Forging Co. (Car & Special)
WARREN — Commercial Drop Forge Co. Dept H
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT — Sweet 's Steel Co. (Large & Small Ingots)
See adv index at end of book

RHODE ISLAND.

PROVIDENCE—Rhode Island Tool Co. (For the Trade)

SOUTH CAROLINA.

CHARLESTON—Charleston Dry Dock & Machine Co.
Riley John F. Fndry & Mach. Co.
Riverside Iron Works (Marine, etc)

TENNESSEE.

KNOXVILLE—Knoxville Foundry & Machine Co. (Heavy)

TEXAS.

DALLAS—Mosher Mfg. Co. (Heavy)
HOUSTON — Bayou City Iron Works (Heavy)
Houston Car Wheel & Machine Co. (Heavy)

VIRGINIA.

RICHMOND—Cameron Stove Co.
Richmond Forgings Corporation
Tredegar Co. (Car & Machinery), ft. of 5th

WASHINGTON.

SEATTLE—Bacon & Matheson Forge Co., 17H W Lander
Vulcan Mfg. Co., 1200 4th av
SPOKANE—Northwest Harvester Co.

WISCONSIN.

CUDAHY—Ladish Drop Forge Co. (Crank shafts, Gear Blanks, Connecting Rods, etc.)
MILWAUKEE — **INTERSTATE DROP FORGE CO.,** 2100 27th
See adv index at end of book

Drop Forgings of Quality
Small Forgings a Specialty
INTERSTATE DROP FORGE CO.
2100—27th St. Milwaukee, Wis.

NORTH MILWAUKEE—Wisconsin Bridge & Iron Co.

4952—Forgings (Liquid Compound)

Bethlehem Steel Co., South Bethlehem, Pa.

4952a—Forgings (Locomotive)

Anniston Electric Steel Corp., Dept. H, Anniston, Ala.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
General Electric Signal Co., Dept. H, Rochester, N. Y.
Leard, Wm. Co., 16th & 5th av, New Brighton, Pa.
Midvale Steel Co., Widener bldg, Phila, Pa.
Pitts Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
POLLAK STEEL CORP. (THE), 386 W. 71st, Carthage, Cincinnati, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Steel Wks. Co., Morris bldg., Phila, Pa.
Steel Car Forge Co., Elwood City, Pa.
Willard Sons & Bell Co., 3044 98th, Chicago, Ill.

4952b—Forgings (Machinery)

American Forge & Machine Co., 1415 Barth ct, S W, Canton, O.
American Forge Works (Heavy), Denver, Colo.
American Forging Co., Clifton, N. J.
Charleston Iron Wks., Charleston, S. C.
Christie-Kline Forging & Mach. Co., 2739 Guoin, Detroit, Mich.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
Eagle Bolt & Forging Co., 1435 E 45th, Cleveland, O.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Fulton Fdy. & Mach. Co., 21 Furman, B'klyn, N. Y.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
General Railway Signal Co., Dept. H, Rochester, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Ingalls-Shepard Forging Co., 322 S Michigan, Chicago, Ill.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Ketler-Elliott Co. ("Ketoco"), 21st & California, Chicago, Ill.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
McInnis Steel Co., Ltd., Corry, Pa.
Moore Drop Forging Co., Springfield, Mass.
Murphy Timothy Iron Works, Jacksonville, Fla.
Niles Forge & Mfg. Co., Niles, O.
Pettis W. W. Co., 416-417 First National Bank bldg, Cincinnati, Ohio.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Riley John F. Fndry & Mach. Co., Charleston, S. C.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Tredegar Co., ft. of 5th, Richmond, Va.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4953—Forgings (Manganese Bronze)

AMERICAN MANGANESE BRONZE CO., 3501 Rhawn, Phila., Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Bonney Forge & Tool Works, Allentown, Pa.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
General Drop Forge Co., Buffalo, N. Y.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4954—Forgings (Manganese Steel)

Anderson Forge & Machine Co., Detroit, Mich.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
SCRANTON FORGING CO., Scranton, Pa.
See adv index at end of book
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4954a— Forgings (Marine)

American Shipbuilding Co., Cleveland, O.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., S Bethlehem, Pa.
Camden Forge Co., Camden, N. J.
Commercial Drop Forge Co., Warren, Pa.
Cramp Wm. & Sons Ship & Engine Bldg. Bldg. Co., Beach & Ball, Phila, Pa.
Cruse-Crawford Mfg. Co., 2101H Av B, Birmingham, Ala.
De Laney Forge & Iron Co., Buffalo, N. Y.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Erie Forge Co., Erie, Pa.
General Electric Signal Co., Dept. H, Rochester, N. Y.
Great Lakes Engineering Wks., Detroit, Mich.
Hamilton Wm. Sons Car Co., Dept. H, Newark, O.
Horsburgh Forging Co., Cleveland, O.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Midvale Steel Co., Widener bldg, Phila, Pa.
Murray Bros. Machine Works, 231 - 233 Folsom, San Francisco, Cal.
Pittsburgh Forge & Iron Co., Pittsburgh, Pa.
POLLAK STEEL CO. (THE), 386 W. 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP., 24th & 27th, Av N, Birmingham, Ala.
See adv index at end of book
Riley John F Fndry & Mach. Co., Charleston, S. C.
Riverside Iron Wks., Charleston, S. C.
Stolz Jos. & Son, Inc., 841 & 136 New York
Tacony Steel Co., Franklin Bank bldg, Phila., Pa.
Titusville Forge Co., Titusville, Pa.

4955—Forgings (Monel Metal)

Am. Brass Products Co., Pottstown, Pa.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
General Electric Signal Co., Dept. H, Rochester, N. Y.
Nilson-Miller Co., 1300-1308, Hudson, Hoboken, N. J.
Pennsylvania Forge Co., Jenks & Bath, Phila., Pa.
STEEL SALES CORP., 129 S. Jefferson, Chicago, Ill.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
See adv index at end of book
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4956— Forgings (Nickel Steel)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Forge Works, Denver, Colo.
Am. Forging Co., Clifton, N. J.
American & British Mfg. Co., Charles, Providence, R. I.

Anderson Forge & Machine Co., Detroit, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Bonney Forge & Tool Works (Chrome), Allentown, Pa.
Boston Forge Co., E. Boston, Mass.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Nickel Chrome Steel), Reading, Pa.
Champion Machine & Forging Co., 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Crescent Forgings Co., Oakmont, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Drop Forgings Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Duncan Co., The, 508 Water, Toledo, O.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Hammond Steel Co., Inc., Syracuse, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Laclede Steel Co., Arcade bldg. Forging Plant, East St. Louis, Ill.
Ladish Drop Forge Co., Cudahy, Wis.
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Morgan Engineering Co., Alliance, O.
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Richmond Forgings Corp., Richmond, Va.
Riverside Metal Co., Riverside, N. J.
Seward M. & Son Co., New Haven, Conn.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
The Hammond Steel Co., Inc. (Chrome Nickel Steel), Solvay, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co. (Chrome), 251 Rano, Buffalo, N. Y.
Warren Axe & Tool Co., Warren, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wyman-Gordon Co., Worcester, Mass.
Yuba Mfg. Co., Insurance Exch. bldg, San Francisco, Cal.

4956a—*Forgings (Pipe Flanged)

Tioga Steel & Iron Co., 52d & Grays, Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4957— Forgings (Press)

Electric Steel & Forge Co., 6608 Grant, av, Cleveland, O.
See adv index at end of book
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tioga Steel & Iron Co., 52d & Grays, Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4957a—Forgings (Railroad)

American Car & Foundry Co., St. Louis, Mo.
Baltimore Car & Foundry Co., Pittsburgh, Pa.
Brill J. G. Co., 62nd & Woodland av, Phila, Pa.
Camden Forge Co., Camden, N. J.
Commercial Drop Forge Co., Warren, Pa.
CRUCIBLE STEEL FORGE CO., 6609 Grant av, Cleveland, O.
See adv index at end of book
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Duff Mfg. Co., Preble av, Pittsburgh, Pa.
See adv index at end of book
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Forged Steel Wheel Co., Pittsburgh, Pa.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Ingalls-Snepard Forging Co., 322 S Michigan, Chicago, Ill.
Manistee Iron Works Co., Manistee, Mich.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
Murphy Timothy Iron Works, Jacksonville, Ila.
New York Switch & Crossing Co., Hoboken, N. J.
Niagara Forged Steel Co., Buffalo, N. Y.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
PRESTON MOTORS CORP. 24th & 27th, Av N, Birmingham, Ala.
See adv index at end of book
Ramapo Iron Works, Hillburn, N. Y.
See adv index at end of book
Steel Car Forge Co., Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E. 136th, New York
Tacony Steel Co., Franklin Bank bldg, Phila., Pa.
Wason Mfg. Co., Springfield, Mass.
Western Steel Car & Foundry Co., Peoples' Gas bldg, Chicago, Ill.
Wurtz & Son, Builders' Exchange, Buffalo, N. Y.

4958—Forgings (Seamless Steel)

Carpenter Steel Co., Reading, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4958a— Forgings (Ship)

Am. Forging Co., Clifton, N. J.
Anniston Steel Co., Anniston, Ala.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Henderson Shipbuilding Co., Mobile, Ala.
Murphy Timothy Iron Works, Jacksonville, Pla.
Nelson Iron Works, 45 Spokane av, Seattle, Wash.
Pollak Steel Co. (The) (Builders, Lake & Ocean), 386 W. 71st, Carthage, Cincinnati, O.
Riley John F. Fndry & Mach. Co., Charleston, S. C.
Wharton Wm Jr. & Co., Inc. (Hammered & Pressed), Easton, Pa.

4958b—Forgings (Spindles & Arbors)

Bay City Forge Co., 1320H Cranberry, Erie, Pa.
Commercial Drop Forge Co., Warren, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.

4959—Forgings (Switch Rope)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

4959a—*Forgings (Tobin Bronze)

Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4960—Forgings (Telegraph & Telephone Pole)

Bonney Forge & Tool Works, Allentown, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Marine Hardware Equipment Co., South Portland, Maine
See adv index at end of book
New Castle Steel & Iron Co., Pittsburgh, Pa.

4960a1—Forgings (Tractor)

Billings & Spencer Co., Dept. H, Hartford, Conn.
Bonney Forge & Steel Works, Allentown, Pa.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Commercial Drop Forge Co., Warren, Pa.
Duff Mfg Co., N. S., Pittsburgh, Pa.
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
General Railway Signal Co., Dept. H, Rochester, N. Y.
Pettis W. W. Co., 416 First National Bank bldg., Cincinnati, O.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Steel Improvement & Forge Co., 5003 Windsor av, Cleveland, Ohio
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4960a— Forgings (Upsetting Machine)

Commercial Drop Forge Co., Warren, Pa.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Ohio Forge Co., Cleveland, O.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4961—Forgings (Vanadium Steel)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Forge Works, Denver, Colo.
American Forging Co., Clifton, N. J.
American Locomotive Co. (Locomotive, etc), 30 Church, New York
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co. (General & Drop Forgings), S Bethlehem, Pa.
Blakeslee Forging Co., Plantsville, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Carnegie Steel Co. (Locomotive & General), Carnegie bldg, Pittsburgh, Pa.
Crescent Forgings Co. (Drop Forgings), Oakmont, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Damascus Crucible Steel Casting Co., New Brighton, Pa.
Davis Sewing Mach. Co., Dayton, O.
Driggs-Seabury Ordnance Co. (Drop Forgings), Sharon, Pa.
Drop Forging Co. of N. Y., 301 W. Side av, Jersey City, N. J.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Erie Forge Co. (General Forgings), Erie, Pa.
Frost Gear & Forge Co. (Auto Axles, Crankshafts), Jackson, Mich.
General Drop Forge Co. (Drop Forgings), Buffalo, N. Y.
General Railway Signal Co., Dept. H, Rochester, N. Y.
Hamilton Wm. Sons Car Co., Dept. H, Newark, O.
Hammond Steel Co., Inc., Syracuse, N. Y.
Johnston & Jennings Co., Addison rd & N Y. C. R. R., Cleveland, O.
See adv index at end of book
Ladish Drop Forge Co., Cudahy, Wis.
Marine Hardware Equipment Co., South Portland, Maine.
See adv index at end of book
Mesta Machine Co. (General Forgings), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Moore Drop Forging Co., Springfield, Mass.
Morgan Engineering Co., Alliance O.
Ohio Forge Co., Cleveland, O.
Pollak Steel Co. (The), 386 W. 71st, Carthage, Cincinnati, O.
Richmond Forgings Corp., Richmond, Va.
Standard Steel Works Co. (Locomotive, etc), Morris bldg, Phila., Pa.
Strieby & Footee Co., 301 Ogden, Newark, N. J.
The Hammond Steel Co., Inc., Solvay, N. Y.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Titusville Forge Co. (General Hammered or Pressed), Titusville, Pa.
Transue & Williams Steel Forging Corp. (Drop Forgings), Alliance, O.
Union Switch & Signal Co., Swissdale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Williams J. H. & Co. (Drop-Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Wyman-Gordon Co. (Drop Forgings), Worcester, Mass.

4962— Forks (Alfalfa)

Milwaukee Hay Tool Co., Milwaukee, Wis.
Myers F. E. & Bro., 900 Fourth, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Ney V. L. Hay Tool Co., Canton, O.
Strickler Hay Tool Co., Janesville, Wis.

4963-4—Forks (Ballast, Coal, Coke, Stone, Etc.)

American Fork & Hoe Co., Swetland bldg, Cleveland, O.
American Shovel & Stamping Co., Lorain, Ohio
Beall Bros. (Inc.), Alton, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Union Fork & Hoe Co., Columbus, O.
Wallingford Mfg. Co., Wallingford, Vt.

4965-6— Forks (Corn)

Pfleghar Hardware Specialty Co. ("Perfection"), New Haven, Conn.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.

4967— Forks (Flesh)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Cassady Fairbank Mfg. Co. (Wire), 6126 S La Salle, Chicago, Ill.
Central Stamping Co. (Forged, Retinned), 172 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York

4968— Forks (Garden)

Potter Mfg. Co. (Small Malleable Iron), Geneva, O.
Sargent & Co., New Haven, Conn.

4969— Forks (Hand)

American Fork & Hoe Co. ("True Temper" Coal, Coke, Beet, Barley, Corn, Potato, Straw, Stone, Stable, Tanner, Manure, Hedder, Hay, Sluice, Spading, Vegetable, Scoop, etc), Swetland bldg, Cleveland, O.
American Shovel & Stamping Co., Lorain, Ohio
Hills Edwin (Spading), Plainville, Conn.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Union Fork & Hoe Co. ("Farm King," "Vulcan," Grain, Hay, Manure, Coke, Coal, Stone, Sluice, Ensilage, Spading, Hedder, Barley, Beet, Potato, Digging, Tanners, etc), Columbus, O.
Wallingford Mfg. Co. (Hay, Hedder, Manure, etc), Wallingford, Vt.

4970— Forks (Hay, Derrick)

Jackson Byron Iron Works, Berkeley, Cal.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Jackson" & "California"), 900 Fourth, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Porter J. E. Co., Ottawa, Ill.
Syracuse Chilled Plow Co., Syracuse, N. Y.

4971—Forks (Hay, Grapple & Harpoon)

Read Explanation Following Names

Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.
Farrell Jno. & Son ("Farrell" Grapple), Newton, N. J.
Goshen Mfg. Co. (Harpoon), Goshen, Ind.
Hunt, Helm, Ferris & Co. (Grapple & Harpoon), Harvard, Ill.
Louden Machinery Co. (Grapple & Harpoon), Fairfield, Iowa
Milwaukee Hay Tool Co. (Derrick, Double, "Harris," "Milwaukee," "Nellies," Grapple & Harpoon), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Double Harpoon & Grappling Harpoon, "Harris" Double Harpoon, "Nellis" Single Harpoon, "Myers" Grapple Fork, Automatic Grapple Forks & "Perfect" Automatic Grapple Forks), 900 4th, Ashland, O.
See adv index at end of book
Ney V. L. Co. (Harpoon), Canton, O.
Porter J. E. Co. ("Porter's" "Acme," "Harris," "Nellis" Grapple & Harpoon), Ottawa, Ill.
Strickler Hay Tool Co. ("Strickler" Grapple & Harpoon), Janesville, Wis.
Swineford G. A. Co. ("Harris," "Nellis," "Walker"), Canton, O.
Syracuse Chilled Plow Co. ("Syracuse" Grapple & Harpoon), Syracuse, N. Y.
U. S. Wind Engine & Pump Co. ("Noyes," "U. S." Grapple & Harpoon), Batavia, Ill.
Whitaker Mfg. Co. ("Jackson," "Nellis," "Whitaker" Grapple & Harpoon), 409 S Green, Chicago, Ill.

4972—Forks (Hay, Lock Lever)

Hunt, Helm, Ferris & Co., Harvard, Ill.
MYERS F E & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*

4973— Forks (Kitchen)

Taplin Mfg. Co., New Britain, Conn.

4974— Forks (Meat)

White Ira F. & Son Co., Bloomfield, N. J.

4975— Forks (Rail)

Beal Bros. (Inc.), Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Steel), 3201 Smallman, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works (Steel), Verona, Pa.
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

4976— Forks (Rising)

Columbus Handle & Tool Co. ("Never Break"), Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Nagel W. G. Electric Co., Toledo, O.
Ransome Concrete Machine Co., Dunellen, N. J.

4977— Forks (Stable, Wood)

Torrey Bros. Co., Central Village, Conn.

4978— Forks (Tedder)

American Shovel & Stamping Co., Lorain, Ohio
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Harrow Spring Co., Milwaukee, Wis. Works: Kalamazoo, Mich.
Mason F. C. & Co., St. Johns, Mich.

Forks (Trolley)

See Harps, Trolley

4979— Forks (Vegetable)

Andrews Wire & Iron Works, Rockford, Ill.
Browne & Dowd Mfg. Co., Meriden, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Knickerbocker Mfg. Co. (Long Meat or Vegetable), Belleville, N. J.
Meriden Cutlery Co., Meriden, Conn.

4980— Forks (Weeding)

Kingsbury Mfg. Co., Keene, N. H.
Mason & Parker Mfg. Co., Winchendon, Mass.

4981— Forks (Wire Kitchen)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Pie Cooking, etc), Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woods-Sherwood Co. (Oyster, Pickle, Toast, etc), Worcester, Mass.

4982— Forks (Wood)

Chapman-Sargent Co. (Kraut, etc), Piqua, Ohio
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4983— Formaldehyde

Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut st, Phila., Pa.
See adv index at end of book
Gray William S. & Co., 80 Maiden lane, New York.
Greef R. W. & Co., (40 p. c. Vol U. S. P.), 76 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. Bldg, Cleveland, O.
Heyden Chemical Works, Garfield, N. J.
MINER-EDGAR CO., 110 William, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Electrolytic Co., Inc. ("Niagara"), Niagara Falls, N. Y.
Perth Amboy Chemical Works, Perth Amboy, N. J.
Sergeant E. M. Co., 15 E. 26th, New York
See adv index at end of book

4984—Forming Roll & Fitting Table (Combined)

Ryerson Joseph T. & Son (For Spring Shop Work), 2558 W. 16th, Chicago, Ill.
See adv index at end of book

4985— Formogene

Bischoff C. & Co. (Imp), 451 Washington, New York

4985a— *Forms (Balloon)

BOGERT & HOPPER INC., 5 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4986—Forms (Barrel Setting-Up)

Oram John S. Co., 1316 E 53rd, Cleveland, Ohio

4986a—Forms (Concrete Construction)

Concrete Steel Co., 42 Broadway, New York
Heltzel Steel Form & Iron Co., Warren, O.
Massey Concrete Products Co. (Railroad Viaducts, Switchmen's Houses, etc.), H Peoples Gas bldg, Chicago, Ill.

4987—Forms (Curb & Sidewalk)

Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Blaw-Knox Co. ("Blawforms" and Gutter), Freeport rd, Hoboken, N. J.
Heltzel Steel Form & Iron Co., Warren, O.
Hotchkiss Metal Form Co. ("Hotchkiss," Steel), Binghamton, N. Y.
Indiana Concrete Mold Co. ("Indiana"), Peru, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Ubbink Joe ("Ubbink," Adjustable All Steel), Port Washington, Wis.
Zeiser Bros. ("Zeiser," Tie & Dividing Plates), Berwick, Pa.

4987a— Forms (Dress)

Ellaman Adjustable Dress Form Co., 380 Throop av, B'klyn, N. Y.
Hall Borchert Dress Form Co. (For Dressmakers & Costumes), 101 Park av, New York

4988—Forms (Sheet Metal, for Foundries)

Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Burdick & Son, Albany, N. Y.
Gem Stopper Co., 2120 Nicholas av, Phila., Pa.

4989— Forms (Shoe Display)

Gaines Joseph K., 467 C. N. W. Washington, D. C.

4989a— Forms (Stocking)

BOGERT & HOPPER INC. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Paramount Hosiery Form Drying Co., 327 W Madison, Chicago, Ill.
Phila. Metal Drying Form Co., 330 N 12th, Phila., Pa.

4990—Forms (Winding, Armature & Field Coil)

For Armature & Field Magnet Coils
Exeter Machine Works, Pittston, Pa.

4990a— *Forms (Wire)

Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Paul & Fulton, Inc., 31 W Kinzie, Chicago, Ill. *See adv index at end of book*

4991— Fossil Flour

Chrystal Chas. B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Hammill & Gillespie (Imp), 240 Front, New York
Salomon L. A. & Bro. (Imp), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York *See adv index at end of book*
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

4992— Foundations

McMullen Arthur Co. (Bridge, Caissons, Piers, Power Houses), 149 B'way, New York
RAYMOND CONCRETE PILE CO., 140 Cedar, New York
Spencer, White & Prentis, 47H W. 42d, New York
Underpinning & Foundation Co. (Difficult), 290 Broadway, New York.
Warwick Constn. Co. (Engine), 1048H W. Harrison, Chicago, Ill.

Founders (Brass)

See Machinists & Founders marked with a §

Founders (Iron)

See Machinists & Founders marked with a †

Founders (Malleable Iron)

See Castings, Malleable Iron

4993—Foundry Facings & Supplies

Albany Sand & Supply Co., Albany, N. Y.
American Lava Corp. (Talc Facings), Chattanooga, Tenn.
Asbury Graphite Mills (Facings), Asbury, N. J.
Bennett & Seeley, Inc., Bridgeport, Conn.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.) (Supplies), 365 Market, San Francisco, Cal.
Bloomsbury Graphite Co. (Facings), Bloomsbury, N. J.
Blue Ridge Talc Co. ("Blue Ridge" Soapstone Facings), Henry, Va.
Brand S. H. Co., 559 W Lake, Chicago, Ill.
Brass Foundry Supply Co., Wilson av, Newark, N. J.
Buckeye Products Co., 919-929 W. 5th, Cincinnati, O.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Cohutta Talc Co. (Cream Soapstone Facings), Dalton, Ga.

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Crivel Geo. F. & Co., Ellicott sq, Buffalo, N. Y.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book
Detroit Foundry Co., 1 E Grand blvd & Riopelle, Detroit, Mich.
Dixon Joseph Crucible Co. (Facings, etc), Jersey City, N. J.
Doggett Stanley (Soapstone Foundry Facings), 11 Cliff, New York
Donald Henry R. Sales Co., Milwaukee, Wis.
Federal Fdry. Supply Co. ("Federal" Steel Facings, etc.), 2639 E 79th, Cleveland, O.
Gartside W. N., Richmond, Ind.
Gautier J. H. & Co. (Graphite), 1 Greene, Jersey City, N. J.
Georgia Talc Co. (White & Yellow Facings), Asheville, N. C.
Hill John Fndry Supply Co., 637 Evans, Cincinnati, Ohio
HILL & GRIFFITH CO., 1248 State, Cincinnati, O.; Birmingham, Ala.; Chicago, Ill. *See adv index at end of book*
Hoosier Supply Co., 148 S Delaware, Indianapolis, Ind.
Jones Enos F. Chemical Co. (Facings, etc), 51 Jay, New York
Keery Thos. Co. (Charcoal Facings), Hancock, N. Y.
Kelly T. P. & Co., Inc. ("Kelco," "Ceylon," Plumbago, Black Lead, Prepared Charcoal, etc.), 355 W 26th, New York
Lookout Paint Mfg. Co., Chattanooga, Tenn.
McCormick J. S. Co. ("Vulcan" & "Ajax" Blacking), 25th & A. V. R. R., Pittsburgh, Pa.
McKellar's R. Sons Co., Peekskill, N. Y.
Midvale Mining & Mfg. Co., Central Nat'l Bank bldg, St. Louis, Mo. Works: East St. Louis, Ill.
National Engng. Co., 549 W. Washington blvd, Chicago, Ill.
National Supply & Equipment Co., Bulletin bldg, Phila., Pa.
N. Y. Sand & Facing Co. (Facings, Sand, etc), 106 Grand av, Brooklyn, N. Y.
Obermayer S. Co. (Facings, etc.), 2563 W 18th, Chicago, Ill.
Osborn Mfg. Co. (Brushes & Supplies), 5401 Hamilton av, Cleveland, Ohio
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), (Supplies), Fremont & Mission, San Francisco, Cal.
Paxson J. W. Co. (Facings & Supplies), 1021 N Delaware av, Phila., Pa.
PETTINOS CHAS. E., 25 Church, New York
Pure Carbon Co. ("Gapho" Facings), Wellsville, N. Y.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Smith Facing & Supply Co., 1857 Carter rd, Cleveland, O.
Springfield Facing Co. (Facings & General Supplies), Springfield, Mass.
See adv index at end of book
Squier Ed. E. Co. (Sand), Federal Reserve Bank bldg, St. Louis, Mo.
Stevens Frederic B. (Facings, Brick, Sand, etc.), 3d & Larned, Detroit, Mich.
See adv index at end of book
U. S. Chaplet & Supply Co., 140 Cedar, New York
United States Graphite Co. (Facings), Saginaw, Mich.
Wainwright Jno. C. (Facings Only), Spring City, Pa.
Whitehead Bros. Co. (Facings, etc), 537 W 27th, New York
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

4993a—*Foundry Flour Substitute

Hill & Griffith Co. ("Liberty"), 1248 State av, Cincinnati, O., & Birmingham, Ala. *See adv index at end of book*

Stevens Frederic B., 3rd & Larned, Detroit, Mich. *See adv index at end of book*

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4994—Foundry Plant Equipments

American Blower Co. (Heating & Ventilating), 1400 Russell, Detroit, Mich.
Bennett & Seeley, Inc., Bridgeport, Conn.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Dopp J. W. & Co. (Dealers), 18 W Columbia, Detroit, Mich.
Hausfeld Co., Harrison, O.
Lincoln Iron Works, Rutland, Vt.
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
NATIONAL ENGINEERING CO., 549 Washington blvd, Chicago, Ill.
New Foundry Appliance Co., Hamilton, O.
Northern Engineering Works, 210 Chene, Detroit, Mich.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, Ohio
Paxson J. W. Co., 1021 Delaware av, Phila., Pa
Penn Foundry & Mfg. Co., Reading, Pa.
Scully Jones & Co., Railway Ex. bldg, Chicago, Ill
STERLING WHEELBARROW CO., Milwaukee, Wis.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Superior Sand & Machine Co. (Core Sand Pulverizers), 5150 St. Clair, Cleveland, O.
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

4994a—*Foundry Sand Handling Plants

BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

4994b— Foundries

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*

4995— Fountain Pen Mfrs.

Adams, Cushing & Foster ("Moore's"), 168 Devonshire, Boston, Mass.
Akron Fountain Pen Co., Akron, O.
Aikin-Lambert Co. ("Mercantile" "Capitol" gold), 163H Front, New York
Autofiller Pen Co., Toledo, O.
Bankers Pen Co., 935 B'way, New York
Barnett Ira, 61 Beekman, New York
Beaumel D. W. & Co., 17 Vandewater, New York
Berk Bros., 543 Broadway, New York.
Boston Fountain Pen Co., 319 Washington, Boston, Mass.
Caw's Pen & Ink Co. (Fountain, Gold, Stylographic. Mfrs of Caw's "Safety" Fountain Pen), 78 Reade, New York
Century Pen Co., Whitewater, Wis.
Conklin Pen Mfg. Co. ("Conklin's," Self-Filling), Toledo, O.
Cross A. T. Pencil Co. (Also Stylographic), 53 Warren, Providence, R. I.
Davidson Rubber Co. ("Sterling" & "Hub"), Boston, Mass.
Diamond Point Pen Co. (Fountain, Gold Stylographic Gold Plated), 44 E 23d, New York
Eagle Pencil Co. (Fountain, Gold, Steel Stylographic), 703 E 13th, New York
Faber Eberhard (Gold, Fountain), 200 Fifth av, New York
Franklin Fountain Pen Co., 51 N 10th, Phila., Pa.
Gem Fountain Pen Corp. ("Gem"), 59 Park pl, New York
Grieshaber Pen Co. (Gold), 118 N State, Chicago, Ill.
Heath Geo. W. & Co., 208 1st, Newark, N. J.
Hillinger R. J. & Co., 10 S Wabash av, Chicago, Ill.
Holland Jno. Gold Pen Co. (Gold), 129 E 4th, Cincinnati, O.
Horn M. T. Co., 114 Park pl, New York
Laughlin Mfg. Co., Fine Arts bldg., Detroit, Mich.
Mabie, Todd & Co. ("Swan" Gold), 17 Maiden la, New York
Modern Pen Co., 170 B'way, N[illegible] York
Parker Pen Co., Janesville, W[illegible]
Salz Bros., 71 W 35th, New York
Sanford & Bennett Co. ("Commercial"), 51 Maiden la, New York
Sheaffer, W. A. Pen Co., Ft. Madison, Ia.
Standard & Vulcanite Pen Co. ("Gem" Self-Filling), 752 Lexington av, Brooklyn, N. Y.
Ullrich J. & Co. (Fountain, Stylographic), 27 Thames, New York
Wahl Co. ("Wahl"), 1800 Roscoe, Chicago, Ill.
Waterman A. A. & Co., 170 B'way, New York
Waterman L. E. Co. ("Ideal"), 191 B'way, New York
Wayne Specialty Co. ("Gilbert" Stylographic), Fort. Wayne, Ind.
Welty Wm. A. ("Welty" Self-Filling & No Leak), Waterloo, Ia.
Willard Pen Co., 170 5th av, New York
Williamson Pen Co., Janesville, Wis.
Wirt Paul E., Bloomsburg, Pa.

4996—Fountains (Drinking, Sanitary)

See also Fountains, Vases, etc.

Aird-Don (Porcelain), Troy, N. Y.
Allen Filter Co., Toledo, O.
Ashton J. H. & Co. ("Providence," Bubbling), 271 Franklin, Providence, R. I.
Ashton Valve Co. ("Ashton," Bubbling Attached to Sink or Bowl), 161 First, Cambridge, Boston, Mass.
Barrett James Mfg. Co. ("Purity," Self-Closing Bubbling), 117 Pearl, Boston, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cahill Iron Works ("Southern Beauty"), Chattanooga, Tenn.
Camden Pottery Co. (Vitreous China), Camden, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Chicago Faucet Co. ("Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.

FOUNTAINS (DRINK'G, SANITARY)—c't
Clow Jas. B. & Sons ("A Odamantose" & Hygeia," Self-Closing Bubbling), S Franklin & Harrison, Chicago, Ill.
Crane Co. (Porcelain, Porcelain Enameled, Vitreous China), 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Douglas John Co. (Vitreous China), Carthage, Cincinnati, O.
Du Bois F. N. & Co. (Porcelain), 247 9th av, New York
Ebinger D. A. Sanitary Mfg. Co. (Bubbling), 181 Lucas, Columbus, O.
Federal-Huber Co. (Porcelain), 234 N Halsted, Chicago, Ill.
Fords Porcelain Wks., Perth Amboy, N. J.
Gaylord Sanitary Mfg. Co., El Dorado, Kans.
Glauber Brass Mfg. Co., ("Recticool"), 49th & Superior, Cleveland, O.
Haines, Jones & Cadbury Co. ("Hajoca" Porcelain Enameled), 1136 Ridge av, Phila., Pa.
Hayes Pump & Planter Co. ("Hayes" Rubber Attachment for Hand Pumps), Galva, Ill.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Jencks H. F. Co., Pawtucket, R. I.
Knott L. E. Apparatus Co. ("Keiths" Boston Bubbler, Automatic Bubbling), 79 Amherst, Cambridge, Mass.
Kohler Co. ("Minnehaha" Porcelain Enameled Iron, Automatic or Continuous Flow), Dept. H, Kohler, Wis.
K. & S. Specialty Mfg. & Sales Co., Cleveland, O.
Loeber Hy. G. Co., 151 E 126, New York
McDonald A. Y. Mfg. Co. (Porcelain Vitreous China, etc.), Dubuque, Ia.
Maddock's Thos. Sons Co. ("Maddock's" Vitreous China Bubbling), Trenton, N. J.
Manufacturing Equipment & Engineering Co. ("Meeco," Bubbling), 136 Federal, Framingham, Mass.
March-Tenny Co. ("Natural Spring" Bubbling Attached to Sinks, etc.), Muskegon H'gts, Mich.
Meyer-Sniffen Co. (Porcelain), 11 W 36th, New York
Monument Pottery Co. (Porcelain), Trenton, N. J.
Mott J. L. Iron Works ("Crystal Stream" & "Purita" Self-Closing Bubbling; Porcelain, Porcelain Enameled, Vitreous China, etc.), Trenton, N. J.
Mueller H. Mfg. Co. (Wall & Lavatory), Decatur, Ill.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Myers & Mahoney Plumbing Co. ("Mahoney" Self-Closing Bubbling, Attached to Sink, etc.), Portland, Me.
Nelson N. O. Mfg. Co. ("Nelson" Self-Closing Bubbling, Solid Porcelain, etc.), 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co. ("P. B" Bubbling), New Haven, Conn
Prier Brass Mfg Co, ("Brady"), Kansas City, Mo
Puro Sanitary Drinking Fountain Co. (Bubbling), Haydenville, Mass.
Resolute Pottery Co (Porcelain), Trenton, N. J.
Rundle-Spence Mfg. Co. ("Rundle-Spence" Solid Porcelain, Self-Closing Bubbling, etc), 63 2nd, Milwaukee, Wis.
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Sanitary Earthenware Specialty Co. (Vitreous China), Trenton, N. J.
Sanitary Fountain & Specialty Co. (Bubbling), 176 Federal, Boston, Mass.
Sanitas Mfg. Co. ("Sanitas" Bubbling, Attached to Sink, etc; also Porcelain, Porcelain Enameled, etc), 105 Washington, Boston, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith System Heating Co. (Bubble Type), 821 Washington av, S E, Minneapolis, Minn.
Spawn B. A. & Co., 340 Central av, Newark, N. J.
Standard Sanitary Mfg. Co. (Porcelain Enameled), Bessemer bldg, Pittsburgh, Pa.
Taylor Halsey W. Co. ("Puritan"), Warren, O.
Trenger Specialty Co., Trenton, N. J.
Trenton Potteries Co. ("Waldo, Jr." Porcelain & Vitreous China Pedestal, Syphons Automatically), Trenton, N. J.
Walker Mfg. & Supply Co. (Porcelain), Shelby & Woodbridge, Detroit, Mich.
Wheaton A. W. Brass Works (Sanitary Self-Closing Bubbling), 110 Walnut, Newark, N. J.
Wolff Mfg. Co. (Porcelain, Porcelain Enameled, etc), 255 N Hoyne av, Chicago, Ill.

4997— Fountains (Poultry)

Baier Bros. Mfg. Co., Cissna Park, Ill.
Dayton Toy & Specialty Co., Dayton, O.
Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
Franklin Galvanized Ware Mfg. Co. ("Handy" "Crum's"), Franklin, Ind.
Indianapolis Corrugating Co., Indianapolis, Ind.
Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
Northwestern Stamping Co., Burlington, Ia.
Oakes Mfg. Co. ("Economy," "O. K."), Tipton, Ind.
Pa. Stamping Co. ("Keystone"), York, Pa.
Reynolds H. B. Mfg. Co., Fredericktown, Ohio
Richmond Water Softener Co., Richmond, Ind.
Weber & Kirch Mfg. Co., Keokuk, Ia.

4998—Fountains (Soda Water)

American Mfg. Co., Memphis, Tenn.
American Soda Fountain Co. (Iceless), 282 Congress, Boston, Mass
Atlas Soda Fountains Co., 119 S Jefferson, Chicago, Ill.
Barth L & Son (Dirs), H Cooper sq, New York
Bastian-Blessing Co., 125 Austin av, Chicago, Ill. *See adv index at end of book*
Best Mfg. Co., Peoria, Ill.
Bishop & Babcock Co. ("Red Cross"), 1204 E 55th, Cleveland, O.
Chicago Fountain Soda Water Co., 1140 W Harrison, Chicago, Ill.
Chicago Soda Fountain Co., 153 N Jefferson, Chicago, Ill.
Combination Fountain Co., Decatur, Ill.
Decatur Fountain Co., Decatur, Ill.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Fountain Specialty Co. ("Guarantee" Iceless), Grand Haven, Mich.
Green Robt. M. & Sons, 1413 Vine, Phila., Pa.
Knight Light & Soda Fountain Co. ("Knight"), 341 W Chicago av, Chicago, Ill.
Lippincott A. H. & F. H., 24th & Locust, Phila., Pa.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Loeber H. G. Co. (Iceless), 151 E 126th, New York
McCahill Soda Fountain Co., 407 W 59, New York
Petigor M. H., 434 Water, New York
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Progressive Mercantile & Mfg. Co., Pana, Ill.
Puffer Mfg. Co., 51 Portland, Boston, Mass.
Russ Co., 5700 Walworth av, Cleveland, O.
Schneible C. A., Esq. (Supplies), 132 E 121st, New York.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Walrus Mfg. Co., Decatur, Ill.
Wise Soda Apparatus Co. ("Wise Brine Iceless"), Bellevue, O.

4999— Fountains (Stock)

American Foundry & Mfg. Co. (Horse), 1th & Hebert, St. Louis, Mo.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Clarke J. Q. Tank Co., Crawfordsville, Ind.
Cowmatic Corp. ("Cowmatic"), Lynchburg, Va.
Dayton-Dowd Co. (Cast Iron), Quincy, Ill.
Frantz Mfg. Co., Sterling, Ill.
Gedge Bros. Iron Roofing Co. (Valveless Automatic), Anderson, Ind.
Gehl Bros. Mfg. Co., West Bend, Wis.
Glor Bros. & Willis Mfg. Co. ("New Modern"), Attica, N. Y.
Helm S. D. Mfg. Co. ("Helm" for Hogs), Crawfordsville, Ind.
Jencks H. F. Co. (Horse), Pawtucket, R. I.
Kretchmer Mfg. Co. (Sanitary), Council Bluffs, Ia.
Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Maytag Co. ("Booth," "Hawkeye"), Newton, Ia.
National Mfg. Co. ("Ideal"), Des Moines, Ia.
National Tubular Axle Co. ("National"), Emigsville, Pa.
Novelty Iron Works ("Handy," Automatic), Sterling, Ill.
Quinn Wire & Iron Works ("Daisy"), Boone, Ia.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Walker Mfg. Co. ("Novelty"), Council Bluffs, Ia.
Weldex Co. (Hog), Richmond, Ind.
Western Mfg. Co. ("Iowa," Automatic), Oskaloosa, Ia.

5000— Fountains, Vases, Etc.

See also Fountains, Drinking, Sanitary

Badger Wire & Iron Works, 25th av & Cleveland, Milwaukee, Wis.
Barbee Wire & Iron Works, Lafayette, Ind.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Carr Jas. W. (Iron Benches & Vases), 7 N 25th, Richmond, Va.
Casey-Hedges Co., Chattanooga, Tenn.
Cheney S. & Son (Vases Only), Manlius, N. Y.
Cincinnati Iron Fence Co. (Flower Vases), 3300 Spring Grove av, Cincinnati, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Concord Foundry & Machine Co., Concord, N. H.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Duisdieker Foundry & Mfg. Co. (Cast Iron), Pekin, Ill.
Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
Enterprise Iron Works, Indianapolis, Ind.
Fiske J. W. Iron Works, 111 Park Pl, New York.
Galloway Terra Cotta Co., 3216 Walnut, Phila., Pa.
Ginther's J. Sons Co., Buffalo, N. Y.
Hall Concrete Products Co., Grassland, Pa.
Hitzeroth Edward, 3124 Market, Phila., Pa.
Illinois Iron & Bolt Co. (Vases, Hitching Posts, etc), Carpentersville, Ill.
Illinois Malleable Iron Co. (Drinking Fountains), 1801 Diversey blvd, Chicago, Ill.
Jones M. D. Co., 73 Portland, Boston, Mass.
Kramer Bros. Foundry Co. (Vases Only), Dayton, O.
McDonald Foundry (Vases, Settees, etc), Columbus, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Plastic Relief Co., 330 Main, Cincinnati, O.
North Shore Ferneries Co., Beverly, Mass.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southard-Robertson Co. (Cast Iron Lawn Vases), 257 Water, New York
Stewart Iron Works (The), (Cast Iron for Lawns, Parks & Cemeteries), 237 Stewart blk, Cincinnati, O.
See adv index at end of book
Superior Iron Works Co. (Horse Drinking Fountains), Superior, Wis.
Swett A. L. Iron Works, Medina, N. Y.
Toy W. M. & Co., 10 E Shelby, Sidney, O.
Walbridge & Co., 392 Main, Buffalo, N. Y.

Founts (Chicken)

See Fountains, Poultry

5001— Founts (Lamp)

See also Lamps, Household, Brass

Bradley & Hubbard Mfg. Co. (Metal), Meriden, Conn.
Consolidated Lamp & Glass Co. (Glass), Corapolis, Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gillinder & Sons (Glass, Decorated), State & Devereaux, Phila., Pa.
Miller Edw. & Co. (Decorated), Meriden, Conn.
Phoenix Glass Co. (Glass), 2d National Bank bldg, Pittsburgh, Pa.
Sneath Glass Co. (Glass), Hartford City, Ind.

5002—Frames (Automobile, Pressed Steel)

American Motor Body Co., 18th & Lehigh av, Phila., Pa.
Driggs-Seabury Ordnance Co. (& Frame Parts), Sharon, Pa.
Electric Auto Sales Corp., Central Park W & 62nd, New York
Hydraulic Pressed Steel Co., 3152 E 61st, Cleveland, O.
Parish Mfg. Co. (Alloy Steel Heat Treated & Carbon Steel)), Reading, Pa..
Parish & Bingham Co. (Cold Pressed), Madison av & W 106th, Cleveland, O.
Pettis W. W. Co., 416 First National Bank bldg, Cincinnati, O.
Smith A. O. Corp., Milwaukee, Wis.
Star Foundry & Machine Works, Anderson, Ind.

5002a—*Frames (Beehive & Honey)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Mason F. C. & Co., St. John's, Mich.

5003—Frames (Camp Chair & Stool)

Ransome Concrete Machinery Co., Dunellen, N. J.

5004—Frames (Card Drawer)

Penn. Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.

5004a— Frames (Coping Saw)

Napier Saw Works Inc., Springfield, Mass.

5005— Frames (Crusher)

Stolz Jos. & Son, Inc., 341 E 136th, New York.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.

5006—Frames (Galvanizing & Tinning)

Vaughn Machinery Co., (Wire), Cuyahoga Falls, O.
See adv index at end of book

Frames (Hack Saw)

See Saw Blades & Frames, Hack

5007-8— Frames (Head)

PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Youngstown Pressed Steel Co. (Tractor), Warren, O. *See adv index at end of book*

5009— Frames (Locomotive)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Duquesne Steel Foundry Co., Arrott bldg, Pittsburgh, Pa.
Ohio Steel Foundry Co., Lima, O.
Penn Seaboard Steel Corp., Franklin Bank bldg., Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.

5009a—*Frames (Menu Card)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5010—*Frames (Metal Picture)

Acme Novelty Co., 430 N Oakley av, Chicago, Ill.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

5011 Frames (Mirror, Brass)

Acme Novelty Co., 430 N Oakley av, Chicago, Ill.
Biele Chas. F. & Sons Co., 381 W. 12th, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

5011a— *Frames (Numeral)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5012—Frames (Open Hearth Furnace Door)

Blaw-Knox Co. ("Knox"), Freeport rd, Hoboken, N. J.
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.

5013— Frames (Sink)

Korff Mfg. Co. ("Korff" Adjustable), Lansing, Mich.
Swett A. L. Iron Wks. (Steel Laundry Tray), 145 Glenwood av, Medina, N. Y.

5014— Frames (Soapmakers')

Hersey Mfg. Co., 314 W. Second, South Boston, Mass.
Honchin-Aiken Co., 113 53d, Brooklyn, N. Y.
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

5014a— Frames (Spectacle)

B. B. W. Mfg. Co. (Zylonite), 251 W 19th, New York

5014a1—*Frames (Take-up, Wire)

Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

5014b—*Frames (Theater Poster)

Newman Mfg. Co. 722 Sycamore, Cincinnati, O. *See adv index at end of book*

5014c— Frames (Tractor)

Andrews Heating Co., Minneapolis, Minn.
Parish & Bingham Co., Madison & W 106th, Cleveland, O.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

5015—Frames (Traveling Bag & Suit Case)

American Steel Frame & Band Iron Co. (Suit Case), 300 Water, New York
Milwaukee Stamping Co., West Allis, Wis.
Neumann R. Hardware Co., 9 St. Francis, Newark, N. J.

5016— *Frames (Wire Rod)

Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

5017— Frames (Wood Saw)

Cardwell Machine Co. (Tilting Table), 1900 E Cary, Richmond, Va.
Fairbanks, Morse & Co. (With Arbors), 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co. (Wood or Pole), Racine, Wis.
Jones Superior Mach. Co., 1264 W. North av, Chicago, Ill.

5018—Freezers (Brine, Ice Cream)

Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Construction Co. ("Progress"), Derby, Conn.
Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
Thompson Emery Machine & Supply Co., 235 E 41st, New York
Tyson Co., Canton, O.

5019—Freezers (Ice Cream, Etc.)

Acme Freezer Co. ("Acme"), 1626 Arch, Phila., Pa.
Alaska Freezer Co. ("Alaska," "North Pole," "North Star"), Winchendon, Mass.
Allen J. W. & Co. ("Monarch," Combination), 116 N Peoria, Chicago, Ill.
Angle Mfg. Co. ("Angle" Tin Pail), 110 W 40th, New York
Auto Vacuum Freezer Co., 25 W B'way, New York
Cardington Cabinet Co. ("Diamond," Triple Motion, "Crystal" Double Motion), Cardington, O.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Consolidated Mfg. Co. (Glass), Hartford, Conn.
Creamery Package Mfg. Co. ("Fort Atkinson" Disc, Continuous), 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Construction Co. ("Progress," Brine), Derby, Conn.
Davis-Watkins Dairymen's Mfg. Co., Dept H, North Chicago, Ill.
Dazey Churn Mfg. Co. ("Dazey," Glass Jars), 4301 Warne, St. Louis, Mo.
Dewsberry R. A., 1010 W Lake, Chicago, Ill.
Emery Thompson Mach. & Supply Co., 235 E 41st, New York
Garden City Plating & Mfg. Co. ("Ideal"), 1430 S Talman av, Chicago, Ill.
Getz M. & Co., 162 First, San Francisco, Cal.
Hart, Wm., 34 Catherine, New York.
Hilbert Machine Co. (Power), 2116 Colerain av, Cincinnati, O.
Horizontal Freezer Co. ("New Chicago"), 18 W Kinzie, Chicago, Ill.
Lange Henry G., 162 N May, Chicago, Ill.
Maag August Co., 509 W Lombard, Baltimore, Md.
Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
Mills Thomas & Bro. ("Monitor"), 8th & Thompson, Phila., Pa.
New England Enameling Co. ("Ideal" Automatic), Middletown, Conn.
North Bros. Mfg. Co. ("Lightning," "Gem," "Blizzard," American Twin," "Toy," "Jumbo Lightning," "Double Action Crown," Hand, "Improved Phila. Seaman," "Combination," "Lightning," Machine & Power), Lehigh av & American, Phila., Pa.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Orleans Steel Products Co. Inc., 1021 Bienville, New Orleans, La.
Peerless Freezer Co., Winchendon, Mass.
Richmond Cedar Works ("Snow-Ball," "Steel Frame," "Frost King," "Double Quick"), Fulton, Richmond, Va.
Tate Wm. J. (Est. of), 3520 Mercer, Phila., Pa.
Thompson Emery Machine & Supply Co. ("Emery Thompson" Brine Freezer), 235 E 41st, New York
Treman, King & Co. ("Automatic"), Ithaca, N. Y.
Tyson Co., Canton, O.
Watkins Jas. Y. & Son (Inc.), 20 Catherine, New York
White Mountain Freezer Co. ("White Mountain," "Arctic," "Nashua"), Nashua, N. H.
Whitney F. E. Co., 65 Sudbury, Boston, Mass.

5019a—Friction Surfaces (Asbestos)

Dominion Asbestos & Rubber Corp. (For Brakes, Clutches, Cones & Pulleys—"Griptite"), 154 Nassau, New York.
See adv index at end of book

5020—Friction Surfaces (Cork Insert)

Cork Insert Co. (For Brakes, Clutches & Pulleys), 164 Federal, Boston, Mass.

5021—*Frictions (Leather)

Barwood L. J. Mfg. Co. ("Barwood"), 30 Stoneham, Boston, Mass.
See adv index at end of book

5022— Frictions (Paper)

Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Rockwood Mfg. Co. (Also Fibre and Iron), 1801 English av, Indianapolis, Ind.

5023—Fringes (Silk, Upholstery, Etc.)

Baum C. F. Co., 232 S Franklin, Chicago, Ill.
Berkshire & Becket Silk Co., Becket, Mass.
Colombat Henry & Co., 239 Geary, San Francisco, Cal.
Crane Bros., Kingston, Pa.
Eastlake Mfg. Co., Adams av & Leiper Phila., Pa.
Empire Fringe Co., 909 Faile, New York
Fiedler A. B. & Sons, 305 W Adams, Chicago, Ill.
Grau & Lehmann, 537 W B'way, New York
Hensel Silk Mfg. Co., 1015 Diamond, Phila., Pa.
Hirsch G. Sons (Bead Fringes, Spangles, etc), 890 B'way, New York
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Maguire Wm. G., Camden, N. J.
Manashaw Chas. C., 131 W 31st, New York
Mann V., 484 6th av, New York
Mansure E. L. Co., 1601 Indiana av, Chicago, Ill.
Mansure E. L. Co., 1415 North, Phila., Pa.
Oehrle Bros. Co., 427 N 3rd, Phila., Pa.
Olyphant Silk Co., Olyphant, Pa.
Peters Trimming Co., 923 Fulton, Chicago, Ill.
Prosnitz Chas., 124 W 24th, New York
Schlegel Mfg. Co., Rochester, N. Y.
Schwensen Wm. (Est. of), 46 Walker, New York
Seideman Bros., 121 N. 7th, Phila., Pa.
Seidmann Chas. & Co., 3d & Green, Phila., Pa.
Shirley & Co., 250 W 54th, New York
Unger Wm. & Bro., 496 B'way, New York
United States Trimming Co., 1410 N 6th, Phila., Pa.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.
Walliser August, 531 Hermitage, Phila., Pa.
Webendorfer H., 338 E 103d, New York
Weinberg C. & Co., 27 W 23rd, New York
Wright S. D. & Co., 1017 N Front, Phila., Pa.

5024— Frogs (Coopers')

Evansville Tool Works, Evansville, Ind.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book

5025— Frogs (Cast Iron)

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York.
See adv index at end of book
Irwin Foundry & Mine Car Co. (& Turnouts for Mine Tracks), Irwin, Pa.
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.

5025a— *Frogs (Manganese)

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*

Frogs, Switches, and Switch Stands
and track work of every description
AMERICAN FROG AND SWITCH CO.
Hamilton, Ohio

Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.

5026—Frogs (Overhead Trolley)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Elec. Railway Equipment Co., Cincinnati, Ohio
Fairmont Mining Machy. Co., Fairmont, W. Va.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Ohio Brass Co., Mansfield, O.
See adv index at end of book

FROGS (OVERHEAD TROLLEY)—cont'd
Sackett Mine Supply Co., 164 W 3rd, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Frogs (Replacing)

See Replacers, Car

5027— Frogs (Spring Rail)

American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book.*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

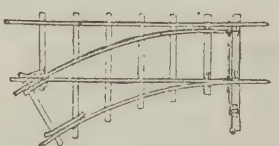
Cincinnati Frog & Switch Co. (Standard & Narrow Gauge Tracks), Cincinnati, O. *See adv index at end of book*
Cleveland Frog & Crossing Co. ("The Lucas"), 6917 Bessemer av, Cleveland, O.
Elliott Frog & Switch Co. ("Eureka"), 301H S. Main, East St. Louis, Ill.
Indianapolis Switch & Frog Co., Springfield, O.
Morden Frog & Crossing Works ("Vaughn", etc), 208 S La Salle, Chicago, Ill.
Ramapo Iron Works ("Ramapo" Manganese Steel, Double, etc), Hillburn, N. Y.
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Weir Frog Co., Cincinnati, O.
WHARTON WM. JR. & CO., INC., Easton, Pa.

5028—Frogs, Switches & Crossings

Ajax Forge Co., 2503 Blue Island, Chicago, Ill.
Alexander Crossing Co. (Continuous-Rail, Non-Pounding Crossings), Clinton, Ill.
American Frog & Switch Co. (Gantry Track, Plantation Track, Mine Track), Hamilton, O.
See adv index at end of book

Frogs, Switches, and Switch Stands
and track work of every description
AMERICAN FROG AND SWITCH CO.
Hamilton, Ohio

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Barbour Stockwell Co. (Street Ry), Cambridge, Mass.
Barnum, Richardson Co., Lime Rock, Conn.
Bethlehem Steel Co. ("Manard"), So. Bethlehem, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book


Frogs Switches Switch Stands
Industrial Track Etc.
The Central Frog & Switch Co.
CINCINNATI, OHIO

Cincinnati Frog & Switch Co. (For Standard & Narrow Gauge Tracks), Cincinnati, O. *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crossing Co. (Manganese Steel), 6917 Bessemer av, Cleveland, Ohio

Conley Frog & Switch Co. ("Conley"), Memphis, Tenn.
EASTON CAR & CONSTRUCTION CO. (Industrial Railroads), 198 Fulton, New York *See adv index at end of book*
Egyptian Iron Works (For Mine Tracks), Murphysboro, Ill.
Electric Railway Equipment Co. (Trolley, Overhead), 2900H Cormany, Cincinnati Ohio
Elliott Frog & Switch Co. (Spring Frogs, Spring Switches & Switch Stands, etc), 301 S Main, E St. Louis, Ill.
Erwin Mfg. Co., Montgomery bldg, Milwaukee, Wis.
FISHEL & MARKS CO., ft of Krokow av, Cleveland, O.
See adv index at end of book
Fox Bros. & Co., 126 Lafayette, New York
Frog, Switch & Mfg. Co., Carlisle, Pa.
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Green L. A. First Natl. Bank bldg, Pittsburgh, Pa. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, New York
See adv index at end of book
Indianapolis Switch & Frog Co. ("R-N-R", Manganese Steel Frogs, Crossings, etc), Springfield, O.
Jordan O. F. Co. (Manganese Crossings), 333 S Michigan av, Chicago, Ill.
Kilby Frog & Switch Co., Birmingham, Ala.
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
Lorain Steel Co., Johnstown, Pa.
Louisville Frog & Switch Co., Louisville, Ky.
Morden Frog & Crossing Works ("Union"), 208 S La Salle, Chicago, Ill.
MOTLEY JAMES M., Export Dept. for Weir Frog Co. (For Railroad Track Use), 43 Cedar, New York
Nelson Iron Works, 45 Spokane av, Seattle, Wash.
New York Switch & Crossing Co., Hoboken, N. J.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.
Pettibone, Mulliken & Co. ("Strom" Clamp Frogs & "Spring Rail" Frogs, etc), 140 S Dearborn, Chicago, Ill.
Ramapo Iron Works ("MacPherson" Crossings, Split Switches, Spring & Rigid Frogs, etc), Hillburn, N. Y., & Niagara Falls, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
St. Louis Steel Foundry (Manganese Steel), Hamburger & Kienlen av, St. Louis, Mo.
Seattle Frog & Switch Co., Seattle, Wash.
Turl Iron & Car Co. Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Veithardt Steel & Metal Corp. (Mill Representatives), 15 Park Row, New York
Weir Frog Co., Cincinnati, O.
WEIR FROG CO. (Railroad), Foreign Dept.,43 Cedar, New York
WHARTON WM. JR. & CO,. INC. ("Tisco" Manganese Steel & Plain Bolted Solid "Tisco" & "Tisco" Manganese Steel Center Tongue Switches of "H. C. B." & "G. H." designs, Easton, Pa.

Frogs (Wrecking)

See Replacers, Car

Fronts (Furnace)

See Boiler Fronts & Castings

5029— Fronts (Stone Boat)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Cheney S. & Son, Manlius, N. Y.
Dutton E Q. & Co. Cato, N. Y.
Eddy W. Plow Co., Greenwich, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Hessen Bros. Co. (Cast Iron), Tecumseh, Mich.
Hussey Plow Co., No Berwick, Me.
Lyon Iron Works, Greene, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Sargent, Osgood & Roundy Co., Randolph, Vt.

Fronts (Store)

See Store Fronts—Brass & Bronze

5029a— Fronts (Vault)

Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Hall's Safe Co. (Bank & Fireproof), P. O. Box 846, Cincinnati, O.
See adv index at end of book

5030— Frumentum

United States Frumentum Co., 39 S Chene, Detroit, Mich.

5031— Fuel Economizers

American Fuel Savings Corp., Fort Wayne, Ind.
Am. Power Co., 630 Washington, Boston, Mass.
Anderson Mfg. Co., 1922 Arch Phila, Pa.
Atlas Heating & Ventilating Co. (Jobbers), 72 Freelon, San Francisco, Cal.
Canady Blaisdell Corp. ("Canady"), 90 West, New York
Combusto Devices Corp. ("Combusto"), 250 W 54th, New York
Co-Operative Foundry Co., Rochester, N.Y.
See adv index at end of book
Craig Millard Co., Detroit, Mich.
Crown Fuel Saver Co., 13 No 10th, Richmond, Ind.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gastine Co. (Gasoline), Bridgeton, N. J.
Green Fuel Economizer Co., Beacon, N. Y.
Improved Equipment Co. (Bench), 60 Wall, New York
Indiana Fuel Supply Co., Indianapolis, Ind.
Otter Mfg. Co., Inc., 243 W 17th, New York
Power Specialty Co., 111 B'way, New York
See adv index at end of book
SCHARF SMOKE PREVENTER CO., Ypsilanti, Mich.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Vasil Steam Systems Co., Wash. Loan & Trust bldg, Washington, D. C.

5032—*Fuel Oil Pumping Systems

Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

5033—Fuel Oil & Gas Burning Appliances

See also Burners, Fuel Oil

Anthony Co., 138 West av, Long Island City, N. Y.
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill. *See adv index at end of book*
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Johnson S. T. Co. ("Johnson's" Liquid Fuel, Oil Low Pressure Air System), 1334 Mission, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Mirc's Fuel-Oil Equipment Co. (Oil Only), Lancaster, Pa.
National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROCKWELL W. S. & CO., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co. (& Gas), Empire bldg, Pittsburgh, Pa.

Fuller Board

See Press Board

5034— Fullers Earth

Anderson-Hillier Co., Inc. (Powdered), 99H John, New York
Balfour Guthrie & Co., 350 California, San Francisco, Cal.
CHRYSTAL CHAS. B. (English Imp), 13 Cliff, New York
See adv index at end of book
Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Floridin Co. ("Floridin"), Warren, Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Hamill & Gillespie (Imported), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Lester Clay Co., Jacksonville, Fla.
Manater Fuller's Earth Corp., 141 B'way, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Refiners' Engng. & Supply Co., 39 S La Salle, Chicago, Ill.
Salomon L. A. & Bro. (Imported), 216 Pearl, New York
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York

5035—Fullers (Top & Bottom)

Champion Tool Co., Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Vaughan & Bushnell Mfg. Co. ("V. & B.") 2114 Carroll av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

5035a—Fumigating Systems for Ships

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

5036— Fumigators

Central City Chemical Co. ("Forma-Germkill"), 4250 Crawford av, Chicago, Ill.

Cremoline Disinfecting Co., 121 S Main, St. Louis, Mo.
Devine J. P. Co., Buffalo, N. Y.
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Thompson F. A. & Co. ("Tumoth"), 532 Thrombley av, Detroit, Mich.

5036a— Funnels (Copper)

Detroit Heating & Lighting Co., Detroit, Mich.
Roos Chas. A., 429 E 91st, New York

5037—Funnels (Family, Grocers, Etc.)

Cassady Fairbanks Mfg. Co. (Fruit, etc, Aluminum), 6126 La Salle, Chicago, Ill.
Central Stamping Co. ("Puritan," "Sterling"), 172 Fulton, New York
Fargo, E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York
Ray Geo. A. Mfg. Co. (Copper, Measuring, Valve, etc), Buffalo, N. Y.

5038—*Funnels for Injector & Oil Overflow

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

5039— Funnels (Gasoline)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Boyle Mfg. Co., 5700 Santa Fe av, Los Angeles, Cal.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Hoaglin F. L. ("No-Spill"), Waupaca, Wis.
Iddings Co. ("Auto"), Warren, Ohio
Knapp Mfg. Co., 48 Warren, New York
Kraft A. C. ("Hurlup" & Oyl-Ryt"), 323 W Lake, Chicago, Ill.
National Marine Lamp Co., Forestville, Conn.
No-Shammy Product Co., 5710 Hough av, Cleveland, O.
Sharlow Bros. Co., 442 W. 42nd, New York
Sigley Wm. H., Sylvan Grove, Kans.

5039a— Funnels (Glass)

Eimer & Amend, 205 3rd av, New York
Macbeth-Evans Glass Co., Pittsburgh, Pa.
Scientific Utilities Co. Inc., 18 E 16th, New York

5040—Funnels (Nitre Charging)

Pratt Engineering & Machine Co., Atlanta, Ga.

5041— *Funnels (Porcelain)

Ohio Pottery Co., Zanesville, Ohio.

5041a— Funnels (Separating)

Central Scientific Co., 460 E Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York
Empire Laboratory Supply Co., Inc., 405 Lexington av, New York
Scientific Utilities Co., 18 E 16th, New York

5041b— Funnels (Stoneware)

General Ceramics Co., 50 Church, New York
Knight-Maurice A., Akron, O.

5042—Furnace Doors & Grates

Acer & Whedon, Medina, N. Y.
Bell C. S. Co., Hillsboro, O.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Cook Cane Mill & Evaporator Co., 200 2nd, St. Louis, Mo.
Golden's Foundry & Machine Co., Columbus, Ga.
Southern Plow Co., Columbus, Ga.

5043—Furnace Pipe & Fittings

Chicago Furnace Supply Co., 549 W Monroe, Chicago, Ill.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Eclipse Metal Mfg. Co. (Galvanized Elbows), Eden, N. Y.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Fow Mfg. Co. (Adjustable Elbows, etc.), 123 N 2nd, Philadelphia, Pa.
Gammeter W. F., Cadiz, O.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Howes S. M. Co., 42 Union, Boston, Mass.
Lamneck, W. E. Co., W 5th av & H. V. R. R., Columbus, Ohio
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Meyer F. & Bro. Co. ("Improved Handy"), Peoria, Ill.
Michigan Safety Furnace Pipe Co., 113 Fort E, Detroit, Mich.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
Perfection Furnace Pipe Co., Toledo, O.
Pittsburgh Valve, Foundry & Construction Co. (Blast Furnace, etc), 26th & A. V. R. R., Pittsburgh, Pa.
Republic Metalware Co., Buffalo, N. Y.
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Safety Furnace Pipe Co., 1212 Second av, Detroit, Mich.
Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.
XXth Century Heating & Ventilating Co., Akron, O.
United States Register Co., Ltd., Battle Creek, Mich.
Waverly Heating & Supply Co. ("Vulcan"), 52 Union, Boston, Mass.
Williamson Heater Co., 339 W 5th, Cincinnati, O.
Wright Mfg. Co., New Haven, Conn.

5044—Furnaces (Agricultural)

Donaldson Bros., Mount Clemens, Mich.
Lehr Agricultural Co., Fremont, O.

5045—Furnaces (Aluminum Melting)

Anthony Co., 138 West av, Long Island City, N. Y.
DETROIT FURNACE CO., 645 Book bldg, Detroit, Mich.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hausfeld Co., Harrison, Ohio
Holcroft & Co., Book bldg, Detroit, Mich.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cinn., O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. (S-C-H") 336 Frankfort av N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
U. S. Smelting Furnace Co., Belleville, Ill.

5045a—Furnaces (Angle Heating)

Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cinn., O. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard, New York.

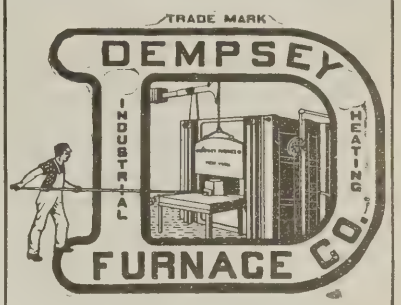
5046—Furnaces (Annealing & Case Hardening)

See also Furnaces, Fuel Oil Burning; also Furnaces, Gas Blast

American Equipment Co., Norristown, Pa.
American Gas Furnace Co. (Gas), 24 John, New York
American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
ANTHONY CO., 138 West av, Long Island City, N. Y.
Anthony Co., 136 West av, Long Island City, N. Y.
Bates Machine Co. (Annealing), Joliet, Ill.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.
Bidle W. S. Co., 1411 E 45th, Cleveland, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Despatch Mfg. Co. (Electric Ovens), 120 1st av N, Minneapolis, Minn.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Economy Furnace Co., Chicopee, Mass.
Ferguson Furnace Co., Toledo, Ohio.
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill. *See adv index at end of book*
General Combustion Co., Monadnock bldg, Chicago, Ill.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Holcroft & Co., Book bldg, Detroit, Mich.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Industrial Furnace Corp., 10 Post O sq., Boston, Mass.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lindsay W. W. & Co. Inc., Harrison Bldg., Phila, Pa.
Mackenzie's Duncan Sons Co., Trenton, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

HEAT TREATING FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES



15 PARK ROW NEW YORK

Maehler, Paul Co., 2210 W Lake, Chicago, Ill.
Mahr Mfg. Bo., 1300 N E. Quincy, Mass.
Metals Production Equipment Co., Springfield, Mass.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
North American Mfg. Co. (Hardening), 5902 Carnegie av, Cleveland, Ohio
Railway Materials Co. (For Boiler Shop, Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Stationary & Rotary Types), 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("S-C-H"), 336 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Swindell Wm. & Bro. (Inc.), Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. (Large & Small, Accurate Temperature, Easy Control), Empire bldg, Pittsburgh, Pa.
Vaughn Machinery Co. (Die, Lead, Muffle & Pot Annealing Furnaces), Cuyahoga Falls, O. *See adv index at end of book*
Whiting Corp., Dept H, Harvey, Ill.
Wisconsin Foundry & Machine Co., Madison, Wis.

HAUCK

Hauck Furnaces

FOR

Annealing
Case Hardening
Bolt Heating
Rivet Heating
Forging
Tempering
Tool Dressing
Plate Heating
Brazing

Burn kerosene, crude, fuel oils or distillate.

Hauck Manufacturing Co.

20 Years' Oil Burner Experience

136 10th St. Brooklyn, N. Y.

Furnaces (Asphalt, Pitch & Tar)

See Heaters, Asphalt, Pitch & Tar

5047—Furnaces (Assayers' & Bullion)

American Gas Furnace Co., 24 John, New York
Berge J. & H. ("Hibbs" Improved), 95 John, New York
Braun Corporation, 363 New High, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Calkins Co., Los Angeles, Cal.
Denver Fire Clay Co. ("Case"), Denver, Colo.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), **American bldg,** Baltimore, Md.
Rockwell W. S. & Co., 50 Church, New York. *See adv index at end of book*

5047a— Furnaces (Automatic)

Anthony Co., 138 West av, Long Island City, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen Cincinnati, O.
See adv index at end of book
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co. (Bolt), 366 Gerard av, New York.

5048—Furnaces (Babbitt Melting)

See also Furnaces, Gas Blast

American Gas Furnace Co. (Gas), **24 John,** New York,
Anthony Co., 9 Jackson av, Long Island City, N. Y.
Buckeye Products Co., 919-929 W. 5th, Cincinnati, O.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Davis Machine Tool Co. ("Vesuvius"), Rochester, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Globe Gas Light Co. ("Barthel" Kerosene), 25 Union, Boston, Mass.
Hansfeld Co., Harrison, Ohio.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Leddell Metals Co. ("Bee" Anti-Friction, Portable), 281 Borden av, **Long Island City, N. Y.**
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mahr Mfg. Co., 1300 N E. Quincy, Minneapolis, Minn.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), **American bldg,** Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Ryerson, Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.

5049-50—Furnaces (Bagasse)

Babcock & Wilcox Co., 85 Liberty, New York
Casey-Hedges Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh, N. Y.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Squier Geo. L. Mfg. Co., **Buffalo, N. Y.**

5051—Furnaces (Barium Chloride)

American Gas Furnace Co., 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co., ("S-C-H" Barium Chloride & Cyanide Hardening), 336 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

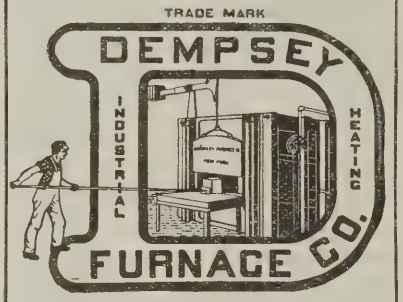
5052—Furnaces (Billet Heating)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Amsler Morton Co., Hoboken, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*

HEATING FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES

TRADE MARK



15 PARK ROW NEW YORK

Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
Lindsay W W & Co. Inc., Harrison Bldg., Philadelphia, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Naismith Geo. & Son., 6312 Butler, Pittsburgh, Pa.
ROCKWELL W. S. CO. (Oil, Coal or Gas), 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. Empire bldg. Pittsburgh, Pa.

5052a Furnaces (Boiler Shop)

American Fdry & Furnace Co., Bloomington, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Dodge August W., Springfield, Mass.
Hauck Mfg. Co., 136 10th, Broolykn, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Surface Combustion Co., 366 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Warwick Constn. Co., 1048 W Harrison, Chicago, Ill.

5052b—Furnaces (Bolt Heading)

Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5052c— Furnaces (Brass Annealing)

Anthony Co., 138 West av, Long Island City, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Electric Furnace Co., The, Alliance, O.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5053—Furnaces (Brass & Copper Melting)

See also Furnaces, Gas Blast

Anthony Co., 138 West av, Long Island City, N. Y.
Barnett Oscar Foundry Co., Irvington, N. J.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Brass Founders' Supply Co., Wilson av, Newark, N. J.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
DETROIT ELEC. FURNACE CO., 645 Book bldg., Detroit, Mich.
Electric Furnace Co., The, Alliance O.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Hausfeld Co., Harrison, O.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Hawley Down Draft Furnace Co. "Hawley Schwartz"), Easton, Pa.
Holcroft & Co., Book bldg, Detroit, Mich.
Ideal Furnace Co., Chester, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Monarch-Rockwell," "Steele-Harvey," "Simplex" & "Monarch"), **American bldg,** Baltimore, Md.
Pittsburgh Elec. Furnace Co. H Union bldg, Pittsburgh, Pa.
ROCKWELL W. S. CO. (Tilting & Stationary Crucible Types; also Reverberatory), 50 Church, New York
See adv index at end of book
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Strong, Carlisle & Hammond Co., ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
U. S. Smelting Furnace Co., Dept. H, Belleville, Ill.
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

5054— Furnaces (Brazing)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
FLINN & DREFFEIN CO. (Gas & Oil), **431 S Dearborn, Chicago, Ill.**
See adv index at end of book
Grabo E. O. Machine Works, 180 Centre, New York
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mahr Mfg. Co., 1300 N E Quincy, Minneapolis, Minn.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), **American bldg,** Baltimore, Md.
Rockwell W. S. Co. (Wire, Tube, Metals, etc), 50 Church, New York
See adv index at end of book
Strong, Carlisle Hammond & Co., ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, **New York.**
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Turner Brass Works (Gasoline & Kerosene), Sycamore, Ill.

5054a—Furnaces (Bright Annealing)

Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5054— Furnaces (Bulldozer)

Anthony Co., 138 West av, Long Island City, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5055— Furnaces (Butchers')

Meek Oven Co. (For Lard Rendering, Boiling Meats, etc), Newburyport, Mass.

5055a—Furnaces (Carbonizing)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, av, New York.

5055b—*Furnaces (Cartridge Case Annealing)

DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Furnaces (Case Hardening)

See Furnaces, Annealing & Case Hardening

5055c—Furnaces (Chain Welding

Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Mac Leod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg Pittsburgh, Pa.

5056— Furnaces (Charcoal)

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

5056a—Furnaces (Cold Rolled Strip Annealing)

DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Mac Leod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5056b—Furnaces (Combination Coal & Oil)

DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5057—Furnaces (Combination Gas & Oil)

Anthony Co., 138 West av, Long Island City, N. Y.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hausfeld Co., Harrison, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.

5058—Furnaces (Confectioners' Gas)

BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Bibb B. C. Stove Co. ("Favorite"), 109 Light, Baltimore, Md.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Blast), 100 Forbes, Rockford, Ill.
Fuller-Warren Co. ("Stewart" Gas Blast), 32nd & Wright, Milwaukee, Wis.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Katzinger Edw. Co. ("Ecko," "Giant"), 122 N Peoria, Chicago, Ill.

5058a— Furnaces (Continuous)

Anthony Co., 138 West av, Long Island City, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
Mac Leod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co. (Bolt), 366 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5059— Furnaces (Copper)

Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Denver Engineering Works Co., Denver, Colo.
Electric Furnace Co., The, Alliance, O.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
Industrial Furnace Corp. (Heat Treating), 10 Post Office sq, Boston, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pittsburgh Elec. Furnace Co., H, Union bldg, Pittsburgh, Pa. *See adv index at end of book*
Reeves Bros Co., The, Alliance, Ohio. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Treadwell Construction Co., Midland, Pa. *See adv index at end of book*

5060—Furnaces (Copper Matting)

Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*

Furnaces (Core Baking)

See Ovens, Core Baking

5061— Furnaces (Corrugated)

AMERICAN SPIRAL PIPE WORKS (for Land & Marine Boilers), Chicago, Ill. *See adv index at end of book*
Continental Iron Works ("Morison" Suspension & "Fox" Corrugated for Land & Marine Boilers), West & Calyer, Brooklyn, N. Y.

5062— Furnaces (Crucible)

See also Furnaces, Melting

American Gas Furnace Co., 24 John, New York
Amsler Morton Co., Hoboken, Pa.
ANTHONY CO. (Fuel Oil), 138 West av, Long Island City, N. Y.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Braun Corporation, 363 New High, Los Angeles, Cal.
Braun-Knecht-Heimann Co. (Gas & Gasoline), 576-584 Mission, San Francisco, Cal.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Denver Fire Clay Co. ("Donaldson" Tilting for Melting & Refining), Denver, Colo.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Engelhard Chas. ("Engelhard" for laboratories) (Selling agent), 30 Church, New York
Fisher Alfred (Fuel Oil), 762 W Adams, Chicago, Ill.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hoskins Mfg. Co. ("Hoskins" Electric), 453 Lawton, Detroit, Mich.
Ideal Furnace Co. (Coke Fired), Chester, Pa.
Iler Co., 6605 St. Clair, Cleveland, O.
Kroeschell Bros. Co. ("Kroeschell-Schwartz" Gyrating Flame for Non-Ferrous Metals), 440 W Erie, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," Monarch," "Simplex" & "Monarch-Rockwell," Tilting Melting), American bldg, Baltimore, Md.
Naismith Geo. & Son (Steel), 6312 Butler, Pittsburgh, Pa.
Rockwell W. S. Co. ("Rockwell," Single & Double Chamber Tilting & Stationary), 50 Church, New York *See adv index at end of book*
Smythe, S. R. Co., 2022H Oliver bldg., Pittsburgh, Pa.
Strong, Carlisle & Hamond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5063-4—Furnaces (Cupelling)

Colorado Iron Works Co., Denver, Colo.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Traylor Eng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*

5065—Furnaces (Cyanide Hardening)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.

5066— Furnaces (Dental)

Caulkins H. J. & Co., State & Griswald, Detroit, Mich.

5067— Furnaces (Electric)

Acheson Graphite Co. (Small for High Temperature), Niagara Falls, N. Y.
American Industrial Engineering Co. (Wire Tempering), H, Monadnock bldg, Chicago, Ill.
Ajax Electrothermic Corp, Trenton, N. J.
Bario Metal Corp. ("Bario" Resistant), 167 W 18th, New York
Braun-Knecht-Heimann Co., (Combustion Tube), 576-584 Mission, San Francisco, Cal.
Central Scientific Co. (Laboratory), 460 E Ohio, Chicago, Ill.
Crowley John A. Co. ("Gronwall"), 130 Liberty, New York
Daigger A. & Co. (Laboratory), 54 W Kinzie, Chicago, Ill.
Denver Fire-Clay Co. (Laboratory), Denver, Colo.
DETROIT ELECTRIC FURNACE CO. ("Detroit" Racking for Non-Ferrous Metals, 645 Book bldg., Detroit, Mich.
Elmer & Amend ("E. & A.," "Multiple Unit," "Moissan," "Hoskins," Laboratory), 205 3d av, New York
Electric Furnace Co., The (Metal Melting & Heat Treating), Alliance, O.
Elec. Furnace Constr. Co. ("Greaves-Etchells" System), Finance bldg, Phila, Pa.
Electric Heating Apparatus Co. (Laboratory), 121 Sussex av, Newark, N. J.
Engelhard Chas., "Engelhard" for Laboratory X Experimental Purposes), Selling agent, 30 Church, New York
GENERAL ELECTRIC CO. (Laboratory), Heat Treating & Soldering Iron, Schenectady, N. Y. *See adv index at end of book*
Hamilton & Hansell ("Rennerfelt"), 13 Park Row, New York
HANOVIA CHEMICAL MANUFACTURING CO. (For Laboratory Use), 100 Chestnut, Newark, N. J.
Hawley Down Draft Furnace Co., Easton, Pa.
Hoskins Mfg. Co. ("Hoskins," for Hardening Carbon Steel, Laboratory, etc), 453 Lawton, Detroit, Mich.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
International Instrument Co., Cambridge, Mass.
Knott L. E. Apparatus Co. (For Experimental Purposes), 79 Amherst, Cambridge, Mass.
Ludlum Elec. Furnace Corp., Steel, Watervliet, New York.
Majestic Electric Development Co. ("Majestic"), 656 Howard, San Francisco, Cal.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Pittsburgh Elec. Furnace Co. (for Non-Ferrous Metals), H Union bldg, Pittsburgh, Pa.
Rockwell, W. S. Co., 50 Church, New York *See adv index at end of book*
Sargent E. H. & Co. (For Laboratory), 150 E Superior, Chicago, Ill.
Snyder Co. (Steel Refining), 53 W Jackson blvd, Chicago, Ill.
Stupakoff S. H. (For Experimental Work), 6639 Hamilton av, Pittsburgh, Pa.
Thomas, A. H. & Co. (for Laboratory Dlrs.), W Washington sq., Phila., Pa.
Vom Baur C. H., 233 B'way, New York
Webb Electric Furnace Corp., 42 Church, New York
Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5068—*Furnaces (Electric Hardening)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Furnaces (Electricians')

See Furnaces, Gasoline Blast

5069— Furnaces (Enameling)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Ferro Enamel Supply Co., Sweetland bldg, Cleveland, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.

5070—*Furnaces (Enameling, Muffle)

Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*

FURNACES (ENAMELLING, etc.)—cont'd
Ferro Enamel Supply Co., Sweetland bldg, Cleveland, O.
Rockwell W. S. Co. (With or without Muffle), 50 Church, New York
See adv index at end of book

Furnaces (Evaporator)

See Evaporators

5071—Furnaces (Fagot Heating)

Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5071a— Furnaces (Flanging)

DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Surface Combustion Co. (Bolt), 366 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5072—Furnaces (Flue Welding)

See also Flue Welding Machines

Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Ferguson Furnace Co., Toledo, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mahr Mfg. Co., 1300 N E Quincy, Minneapolis, Minn.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Railway Materials Co. ("Ferguson" Oil as Fuel), Railway Exch. bldg, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co. ("S-C-H"), 366-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5073—Furnaces (Forging, Etc.)

American Equipment Co., Norristown, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York. *See adv index at end of book*

FORGE FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES



15 PARK ROW NEW YORK

Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Ferguson Furnace Co., Toledo, Ohio.

FLINN & DREFFEIN CO. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
See adv index at end of book
General Combustion Co., Monadnock bldg, Chicago, Ill.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Lindsay W W & Co. Inc., Harrison Bldg., Philadelphia, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mahr Mfg. Co., 1300 N E Quincy, Minneapolis, Minn.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Naismith Geo. & Son., 6312 Butler, Pittsburgh, Pa.
Railway Materials Co. ("Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Preheater Type), 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Union Drop Forge Co. (Also Crucible), 358 W Grand av, Chicago, Ill.
U. S. Gas Furnace Co. (Gas, Blast), 46 Clifford, Providence, R. I.
Westmacott Gas Furnace Co. (Gas, Blast), 159 Orange, Providence, R. I.

5074—Furnaces (Fuel Oil Burning)

American Equipment Co., Norristown, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Denver Fire Clay Co. ("Case"), Denver, Colo.
Economy Furnace Co., Chicopee, Mass.
Ferguson Furnace Co., Toledo, Ohio.
Fisher Alfred, 762 Adams, Chicago, Ill.
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill.
See adv index at end of book
General Oil Furnace Corp., 233 B'way, New York
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hausfeld Co., Harrison, O.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
Ingersoll-Rand Co. ("Leyner"), 11 B'way, New York *See adv index at end of book*
Lindsay W W & Co. Inc., Harrison Bldg., Philadelphia, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Mirc's Fuel-Oil Equipment Co. ("Mircs"), Lancaster, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

5075—Furnaces (Galvanizing)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York.

5076— Furnaces (Gas)

Abrams-Orton Mfg. Co., Wadsworth, O.
Amsler Morton Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Boston Stove Fdry. Co., 210 Border, Boston, Mass.
Braun-Knecht-Heimann Co. (Crucible, Melting & Muffle), 576-584 Mission, San Francisco, Cal.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Calkins & Pearce ("Rex"), 251 E Long Columbus, O.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Christie, B. B., Dayton, O.
Columbus Heating & Ventilating Co. ("Columbus"), Columbus, O.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Denver Fire Clay Co. ("Case"), Denver, Colo.
Economy Furnace Co. Chicopee, Mass.
Gass Appliance Co., The, 713 Frankfort av, Cleveland, O.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Guardian Gas Appliance Co., 3409 Superior, Cleveland, O.
Hausfeld Co., Harrison, O.
Holcroft & Co., Book bldg, Detroit, Mich
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
Koven L. O. & Bro., 154 Ogden Av, Jersey City, N. J. *See adv index at end of book*
Learn & Brindle Sheet Metal Works ("Knoderer"), Columbus, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manchester C. B. Gas Furnace Co., 60 Friendship, Providence, R. I.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Nat'l Gas Furnace Co., 9 Codding, Providence, R. I.
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis, Mo.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Squier, Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co. ("Kirkwood"), Empire bldg, Pittsburgh, Pa.

5077— Furnaces (Gas Blast)

American Gas Furnace Co., 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Chicago Flexible Shaft Co. ("Stewart"), 5600 W 12th, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Garrison Brass & Machine Wks., 107 W 13th, New York.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 366 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5078—Furnaces (Gas Generator)

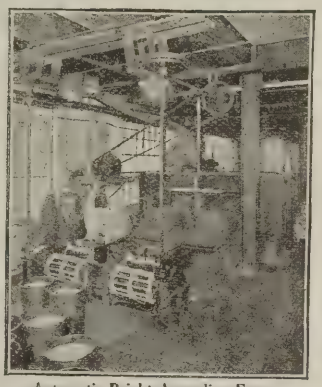
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5079—Furnaces (Gas Soldering)

American Meter Co., 3112 N 17th, Phila, Pa.
American Stove Co. ("Quickmeal"), 827 Chonteau av, St. Louis, Mo.
Anthony Co., 9 Jackson av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bernz Otto, 17-37 Ashland av, Newark, N. J.
Bickelhaupt Geo. Skylight Works, 722 11th av, New York
Burgess Soldering Furnace Co. ("Gem"), Columbus, O.
Chicago Hardware Foundry Co. ("Turnlow"), 544 W Washington, N. Chicago, Ill.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Diener Geo. W. Mfg. Co. (Automatic), 400 Monticello av, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hones Charles A. (Buzzer), 91 Noble, Brooklyn, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.

Complete Industrial Furnace Equipment

COAL OIL GAS ELECTRICITY



Automatic Bright Annealing Furnace

"FURNACE AND FUEL TO SUIT CONDITIONS"—is our rule governing consideration of new or improvement of existing industrial heating equipment to suit your needs under your plant conditions. Our purpose is to deal with each case on its individual merits, recommending changes in methods, equipment or fuel only when it is apparent that these will be productive of better results.



Automatic Hardening and Tempering Furnace

Let Us Handle Your Heating Problems

We make inspection of plant, devise methods of heating and handling material, furnish complete industrial heating equipment adapted to your particular plant conditions, and guarantee results, using coal, oil, gas or electricity, as your best interests require.



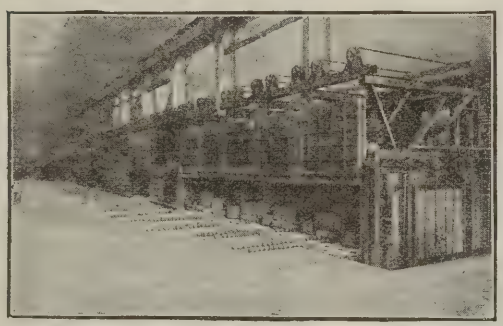
Car-and-Ball Type Annealing and Heat-Treating Furnace



Rolling Mill Annealing Furnace

The following list of furnaces and appliances illustrates the variety of work we do and our familiarity with furnace and fuel problems:

Angle Heating Furnaces
Annealing Furnaces
Automatic Furnaces
Billet Heating Furnaces
Blast Gates, New Air-Tight Blowers
Carbonizing Furnaces
Cyanide Furnaces
Drying Furnaces
Enameling Furnaces
Forging Furnaces
Fuel Oil Appliances
Hardening Furnaces
Heat-Treating Furnaces
Heating Furnaces
Lead Pot Furnaces
Melting Furnaces
Muffle Furnaces
Plate Heating Furnaces
Rivet Furnaces
Rivet Rod Furnaces
Spring Fitting Furnaces
Soft Metal Melting Furnaces
Stoker Fired Recuperative Furnaces
Scaling Furnaces
Tempering Furnaces
Upsetting Furnaces
Varnish Boiling Furnaces
Wire Furnaces



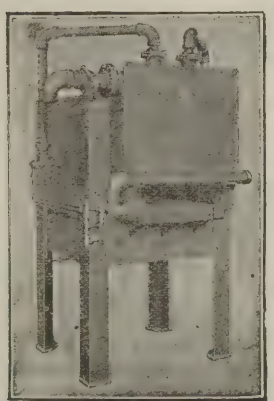
Side Opening Heat-Treatment Furnace 105 ft. Wide

W. S. ROCKWELL COMPANY

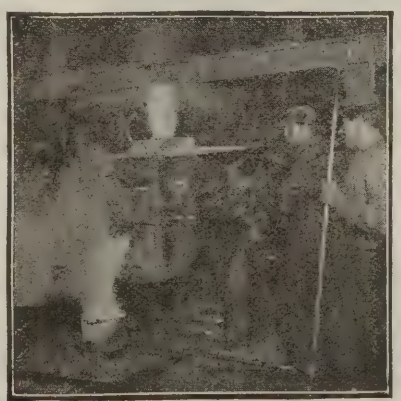
Furnace Engineers and Contractors

50 Church Street (Hudson Terminal Building) New York City

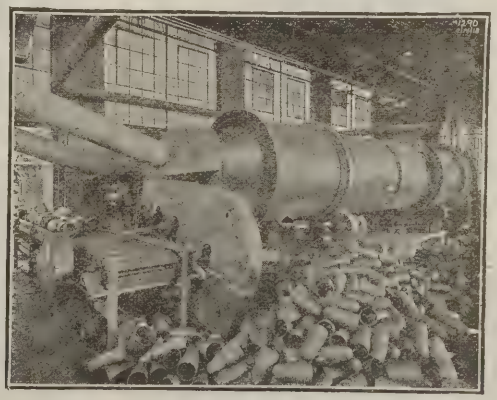
Branches: Chicago—Cleveland—Detroit



Economizer Forge Furnace



Tilting Reverberatory Melting Furnace



Automatic Rotary Annealing and Heat-Treating Furnaces

FURNACES (GAS SOLDERING)—cont'd

Johnson Gas Appliance Co., Cedar Rapids, Ia.
Odin Stove Mfg. Co. ("Odin"), Erie, Pa.
Penna. Furnace & Stove Co. ("Penna."), Warren, Pa.
Surface Combustion Co., 366 Gerard av, New York.
Warren Mach. Products Co. ("Superior"), Warren, Pa.
Yost Mfg. Co. ("Yost" Improved Superior), Meadville, Pa.

5080—Furnaces (Gasoline Blast)

American Stove Co. ("Reliable," "Quick Meal"), 827 Chonteau av, St. Louis, Mo.
Ashton Mfg. Co., 184 Emmet, Newark, N.J.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Best Light Co., 477 Second N E, Canton, O.
Clayton & Lambert Mfg. Co. (Also Kerosene), 1370-80 Beaubien, E Detroit, Mich.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av, Chicago, Ill.
Double Blast Mfg. Co. ("Lundy" Double Blast), N Chicago, Ill.
Garrison Brass & Machine Works, 107 W 13th, New York
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works ("Bonanza"), Sycamore, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5081—Furnaces (Glass Mfrs.')

Amsler Morton Co., Hoboken, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dixon H. L. Co., Rosslyn rd, Carnegie, **Pa.**
Laclede-Christy Clay Products Co., Railway Ex. bldg, St. Louis, Mo.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Surface Combustion Co., 366 Gerard av, New York.

Furnaces (Gold & Silver Melting)

See Furnaces, Assayers' & Bullion

5081a—Furnaces (Gun Barrel Heating)

Anthony Co., 136 West av, Long Island City, N. Y.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5081b—Furnaces (Gun Shrinking)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Furnaces (Hardening)

See Furnaces, Annealing & Case Hardening

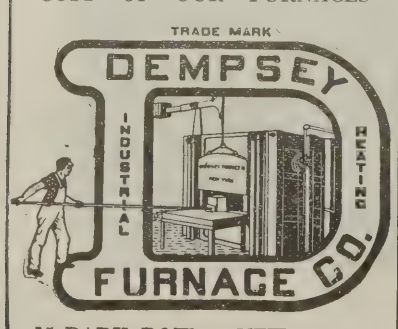
5082—Furnaces (Heat Treating)

ANTHONY CO., 138 West av, Long Island City, N. Y.

HEAT TREATING FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES

TRADE MARK



15 PARK ROW NEW YORK

Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Electric Furnace Co., The, Alliance, O.
Ferguson Furnace Co., Toledo, Ohio.
General Electric Co. (Electric), Schenectady, N. Y. ***See adv index at end of book***
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Holcroft & Co., Book bldg, Detroit, Mich.
Industrial Furnace Corp. ("Smallwood" "Hermansin," 10 Post Office sq. Boston, Mass.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
Mahr Mfg. Co., 1300 N E Quincy, Minneapolis, Minn.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

We build every type of Furnace for Heat Treating, Annealing, Case Hardening or Forging using all types of fuel.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Standard Fuel Engng. Co., 75 W Baltimore, Detroit, Mich.
Surface Combustion Co., 366 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5082a—*Furnaces (Heat Treating Shells)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

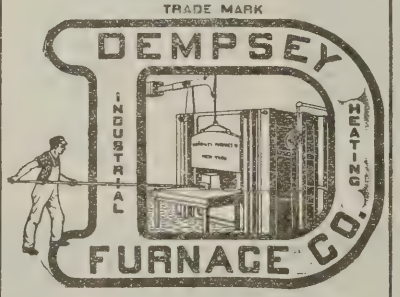
5083— Furnaces (Heating)

Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N., Inc. ("Colorex"), 11 B'way, New York
Buckeye Furnace Co., 1635 E 55th, Cleveland, O.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Caloric Furnace Co., 1531 Locust, Phila., Pa.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*

HEATING FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES

TRADE MARK



15 PARK ROW NEW YORK

FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co. (Treating Heat), Springfield, Mass.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co. (Continuous), Worcester, Mass.
Naismith Geo. & Son., 6312 Butler, Pittsburgh, Pa.
Rhodes Mfg. Co., Lane av & Sibley, Grand Rapids, Mich.
ROCKWELL W. S. & CO. (Bolt, Chain, Plate, Rivet, etc.), 50 Church, New York *See adv index at end of book*
Smythe, S. R. Co., 2022H, Oliver bldg, Pittsburgh, Pa.
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 366 Gerard av, New York.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book
Wellman-Seaver-Morgan Co. (Continuous), Cleveland, O. *See adv index at end of book*

5084—Furnaces (High Speed Steel)

American Gas Furnace Co. (Gas), 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Bellevue Furnace Co. (Fuel Oil Burning Muffle), 703 Bellevue av, Detroit, Mich.
Best W. N., Inc. ("Caloren"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Crowley John A. Co., 120 Liberty, New York
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Ferguson Furnace Co., Toledo, Ohio.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Surface Combustion Co., 366 Gerard av, New York.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5085— Furnaces (Hop)

Munnsville Plow Co. ("Duplex," "O. K."), Munnsville, N. Y.

5086—Furnaces (Hot Air, Gas for Fuel)

Barber Mfg. Co., Ashtabula, O.
Buffalo Co-Operative Stove Co. ("Amherst"), Buffalo, N. Y.
Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.
Heckler Bros., 919H Liberty av, Pittsburgh, Pa.
Hughes E. F. ("Perfection"), Titusville, Pa.
International Heater Co., Utica, N. Y.
Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.
Pennsylvania Furnace & Stove Co., ("Penna"), Warren, Pa.
Scientific Heater Co., 2104 Superior Via, Cleveland, O.

5087—Furnaces (Hot Air, Mfrs.)

ALABAMA.

MONTGOMERY—Janney & Co.

CALIFORNIA.

LOS ANGELES—Phillips Heating, Vent & Mfg. Co. ("Browne" & "Phillip")
SAN FRANCISCO—Mission Fdry & Stove Wks Treat av & 19th
Montague Range & Furnace Co., 826 Mission
Royal Heating Co., 230 Minna
Steiger & Kerr Stove & Foundry Co., Folsom & 18th

COLORADO.

DENVER—Shane Furnace & Metal Appliance Co., W Warren av. & S Delaware

CONNECTICUT.

BRIDGEPORT—Green M. A. & Co. ("Culver" Tubular)
BRISTOL—Turner Heater Co.
NORWICH — Richmond Radiator Co. ("Richmond"), Main Office, New York
PUTNAM—Putnam Foundry & Machine Co.
STAMFORD—Stamford Foundry Co.

GEORGIA.

ATLANTA—Moncrief Furnace Co., Dept H.

ILLINOIS.

BELLEVILLE—Oakland Foundry Co. ("Z-Ro")
BLOOMINGTON—American Fdry & Furnace Co.
MaGirl P. H.
CHICAGO—Co-Operative Foundry Co., 505 S Clinton
Chicago Down Draft Furnace Co., 115-117 S Clinton
Excelsior Steel Furnace Co., 118 S Clinton
Hamilton Alfred O., 820 E 43d
Hess Warming & Ventilating Co. ("Hess"), 1211 S Western av
Olson A. J. & Co., 217 W Lake
Quaker Mfg. Co. ("Quaker" Steel), 140 N Dearborn
Reynolds B. F. & Co., 414 N Dearborn av
Robinson Furnace Co., ("Gem"), 205 W Lake
Servoss Furnace Co., 55 W Austin av
Water Arch Furnace Co., 38 S Dearborn
DANVILLE—Koons Wm. U.
GALENA—Westwick John & Son
JOLIET—Moore Bros. Co. ("Moore's")
MOLINE—Tyrell B. B.
MONMOUTH—Maple City Furnace Co.
PEORIA—Meyer Furnace Co.
QUINCY—Excelsior Stove & Mfg. Co. ("National")
Gem City Stove Mfg. Co. ("German")

INDIANA.

HUNTINGTON—Majestic Co. ("Majestic" Pipe & Pipeless)
INDIANAPOLIS—Hawkins Rollyn
Kruse & Dewenter, 427 E Washington
Rybolt Heating Co., 633 Mass. av
Thiele L. C. Co.
Troy Bros.
KOKOMO—Globe Stove & Range Co. ("Globe")

IOWA.

CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co.
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co. ("Crater," "Sprague" Underfeed)
DES MOINES—Campbell Heating Co.
Green Foundry & Furnace Works
Keith Furnace Co.
MARSHALLTOWN—Lennox Furnace Co. (Hard & Soft Coal & Wood, "Lennox," "Torrid Zone," "Hermetic")
WATERLOO—Bovee Furnace Works (Bovee Furnace Works ("Bovee," Compound Radiator Furnace
Gibson Mfg Co., 415 Niles
Waterloo Register Co. ("Carter's")

KANSAS.

LEAVENWORTH — Great Western Stove Co.
Varney, H. C. (Steel Plate, Portable & Brick)

KENTUCKY.

LOUISVILLE—Stratton & Terstegge Co., 15th & Main

MAINE.

BANGOR—Wood & Bishop Co.
PORTLAND—Portland Stove Foundry Co.

MARYLAND.

BALTIMORE — Bartlett Hayward Co. ("Standard," "Gem," "Reliable," "National"), Scott & McHenry
Bibb B. C. Stove Co. ("Bibb" Peerless Improved "B. B." Portable), Sanitary, 109 Light
Sexton, S. B. Stove & Mfg. Co. (also Pipeless), 500 W Conway
Weiskittel, A. & Son Co., 12th & E Lombard

MASSACHUSETTS.

BOSTON—Carpenter Cyrus & Co., 177 Massachussetts av
Chubbuck Furnace Co., 1892 Washington
Clark Henry N. Co., 56 Union
Hertig Furnace Co. ("Kohler"), 1342 Columbus av
Howes S. M. Co., 42 Union
Magee Furnace Co., 38 Union
Ridgway Furnace Co., 80 Beverly
Rodday Robt. J. Co., 138 Harrison av
Walker & Pratt Mfg. Co. ("Crawford"), 31 Union
MANSFIELD—Chilson Furnace Co.
METHUSEN—Sanborn Furnace Co.
OAKHAM—Dean Walter R.
WATERTOWN—Walker & Pratt Mfg. Co.
WESTFIELD—Brien Heater Co. ("Brien" & "Waldron")
WINCHENDON—Hill & Bosley

MICHIGAN.

BAY CITY—Garland M. Co.
DETROIT—Detroit Stove Works ("Detroit Jewell" "Coal Saver," 1320 Jefferson av
Hare A. A., 300 Woodward av
Ideal Furnace Co., 88 Jefferson av
Michigan Stove Co. ("Garland'), Adair & Jefferson
Peninsular Stove Co.
Smith Peter Heater Co., 1843 Mt. Elliott
HOLLAND—Holland Furnace Co.
KALAMAZOO—Kalamazoo Stove Co.
MARSHALL—Marshall Furnace Co.
Simons-Leedle Co. ("Dobbins" Tubular)
MONROE—Monroe Foundry & Furnace Co. ("Floral City")
NORTHVILLE—American Bell & Foundry Co.
PETOSKEY—Burnett Foundry & Machine Works (Ltd.)

MINNESOTA.

MINNEAPOLIS—Andrews Heating Co. ("Andrews")
Roberts-Hamilton Co. ("Storm King"), 413 S 4th
NORTHFIELD—Northfield Furnace Co. (Robaco)
ST. PAUL—Prendergast Bros., 20 E 6th

MISSOURI.

KANSAS CITY—Kansas City Furnace Co. ("Ideal"), 326H W 6th
Prest Heating & Foundry Co.
ST. LOUIS—American Furnace Co., 2725 Morgan
Brinkmann J. H. & Sons, 1913 Olive
Buck's Stove & Range Co., 3500 N 2nd
Dooly Jno. E. Hardware Co., 5107 Delmar
Haynes-Langenberg Mfg. Co. ("Front Ranks" Steel), 4045 Forest Park blvd
Stockhoff Supply Co., 107H N Main
Tipton & Mackey Mfg. Co., 4948 Eason av
Wrought Iron Range Co., 5661 Natural Bridge rd
Zellweger J. & Sons ("Multi-Plate")

NEBRASKA.

OMAHA—Standard Furnace & Supply Co. ("Nesbit")

NEW JERSEY.

JERSEY CITY—Boynton Furnace Co., Pacific av
Colby E. B. & Co. ("Cable"), Hoboken av
NEWARK—Thatcher Furnace Co., 36 St. Francis
TRENTON—Mott J. L. Iron Works

NEW YORK.

BUFFALO—Buffalo Co-operative Stove Co. ("Amherst")
CORNING—Corning Mfg. Co. ("The Victor")
Hood Furnace & Supply Co. ("Our Home," "New Home," "Cottage Home," "Cheerful Home")
GENEVA—Summit Foundry Co.
NEW YORK — Boynton Furnace Co. ("Square Pot"), 106 W 37th
Graff Furnace Co. ("Faultless"), 61H Wooster
Harvey Furnace Co., 337 W 38th
Improved Appliance Co. 413 Kent av, Brooklyn
Janes & Kirtland, 133 W 44th
Nugent Thos., 223 E 80th
Richardson & Boynton Co., 31 W 31st
Southard Robertson Co., 25 Water
Thatcher Furnace Co., 135 W 35th
Union Stove Works ("Astor" "Storm King"), 70 Beekman
Wear John B. & Son, 206 E 29th
NIAGARA FALLS—Niagara Falls Furnace Co. ("Fremont")
PEEKSKILL — Southard - Robertson Co., Dept. H
Union Stove Works
ROCHESTER—Co-Operative Foundry Co. ("Ajax," "Red Cross")
Enterprise Foundry Co. ("Ariel")
Galusha Stove Co. ("Norman Phoenix")
Sill Stove Works ("Sterling")
SYRACUSE—Kelsey Heating Co. ("Kelsey")
Syracuse Stove Wks
TROY—Burdett, Smith & Co.
Fuller & Warren Co.
Henderson Frank
UTICA—Giblin & Co. ("Standard")
Hart & Crouse Co.
International Heater Co. ("International," "International Carton," "International Duke," "International Earl," "International Baronet," "International Princess," "International Count," also "International One-Pipe" Heater)
Utica Heater Co.

OHIO.

AKRON—Taplin Rice Clerkin Co. ("Climax"), XXth Century Heating & Ventilating Co. (Pipeless XXth Century
Wise Furnace Co. ("Wise")
ASHTABULA—Barber Mfg. Co. ("Buckeye," "Challenge," "Ideal")
BUTLER—Switzer C. M.
CADIZ—Gammeter W. F. ("Reflex")
CANTON—Yost Furnace Co.
CINCINNATI—Grossius John Furnace Co., 318 E 8th
Hammond Heating Co., 130 E Pearl
Miller Wm. Range & Furnace Co., 125 E 5th
Monitor Stove Co. ("Caloric" pipeless), C. H. & D. R. R., nr Gest
Rybolt Heating Co., 309 E 5th
Williamson Heater Co. ("Peck-Hammond"), 339 W 5th
CLEVELAND—Auer Register Co., 403 Long av
Bennett Furnace Co. ("Cleveland," "Euclid," "Ohio"), 6531 Euclid av
Forest City Foundry & Mfg. Co. ("Monarch," "Niagara," "Imperial," "Pyramid"), 2202 Elm av
Henry Miller Foundry Co., 825 Long av
Mannen John E. Co. ("Manest" Combination Coal & Gas), 2247 St. Clair
Scheible-Moncrief Heater Co., 1444 W 9th, Cleveland, O.
Smith W. A. & Co., 625 Champlain
COLUMBUS—Columbus Heating & Ventilating Co. ("Columbia," "U. S.," "Ohio," Coal or Gas, for Schools, Churches, etc)
Ideal Heating Co., 16 E First av
CRESTLINE—Schill Bros. Co.
DAYTON—Buckeye Steel Furnace Co. (Steel)
Gem City Stove Co. ("Clermont")
National Furnace Co. ("National Hustler," "National Star")
DOVER—Myers Bros. ("Mybo")
ELYRIA—Fox Furnace Co.
FREDERICKSTOWN—Zeiz F. B. Mfg. Co. ("Butler Furnace")
HAMILTON—Estate Stove Co. Estate
MARTINS FERRY—Stanton Heater Co. ("Stanton" Seamless)
MASSILLON—Hess-Snyder Co. ("Boomer")
NEWARK—Simpson Fdry Co.
RAVENNA—Ravenna Furnace & Heating Co.
SPRINGFIELD—Patric Furnace Co.
Progress Furnace Co.
WILMINGTON—Farquhar Furnace Co. ("Farquhar")
YOUNGSTOWN—Mahoning Foundry Co.
Youngstown Furnace Co. ("Lion" Combination, "Apex" Bessemer)

OREGON

PORTLAND—McPherson W. G. Co. ("Perfect") ("Comfort" Victor")
SILVERTON—Silverton Blow Pipe Co. "Sibloco," 109H W Main

PENNSYLVANIA.

BRISTOL—Harkins T. B. Foundry Co.
COLUMBIA—Keeley Stove Co. ("Columbian" One Pipe Warm)
CONNELLSVILLE—Munson Heater Co., Ltd.
DANVILLE—Danville Stove & Mfg. Co. ("Beaver")
ERIE—Germer Stove Co.
Krack Gust & Son
Patterson & Stirling
HARRISBURG — Harrisburg Mfg. & Boiler Co.
LEHIGHTON—Lehigh Stove & Mfg. Co.
PHILADELPHIA—Berger L. D. Co., 59 N 3d
Caloric Furnace Co. (Pipeless), 1531H Locust
Cox, Abram Stove Co. ("Novelty" Pipeless), American & Dauphin
Liberty Stove Co., 308 Chestnut
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate Works, 147 N 3d
Philadelphia Stove & Iron Fdry Co., 1631 N 5th
Reynolds J & Son, 1613 Filbert
Sheppard, Isaac A. & Co. ("Paragon," "Excelsior"), Harrison bldg
Spear Jas. Stove & Heating Co., 1323 Market
Taylor, F. W. & Son, 259H S 4th
Tubular Heating & Ventilating Co. ("Forbes," "Blaze"), 232H Quarry
PITTSBURGH—Heckler Bros. ("Heckler" Pipe & Pipeless), 919H Liberty av
Rust Engineering Co., Farmers' Bank bldg
Stove & Range Co. of Pittsburgh, Preble av, nr Superior bridge
POTTSTOWN — March-Brownback Stove Co. ("Crown")
POTTSVILLE—Pottsville Foundry & Stove Co. ("Derr")
QUAKERTOWN—Quakertown Stove Wks
READING—Geissler Bros.
Mount Penn Stove Works
Prizer Painter Stove Co. ("Prizer"),
Reading Stove Works ("Othello," "Sunshine")
ROYERSFORD — Buckwalter Stove Co. ("Eclipse")
Floyd-Wells Co. ("Bengal," "Tiger")
SPRING CITY—Keystone Stove Foundry
TITUSVILLE—Hughes E. F.
WARREN—Penna. Furnace & Stove Co. ("Penna" Gas for Fuel)

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

FURNACES (HOT AIR MFRS.)—cont'd

TEXAS.

SCHULENBURG—Ruhmann G. E. (Steel)

VIRGINIA.

RICHMOND—**RICHMOND STOVE CO.** (One Pipe & Pipeless)

WASHINGTON.

TACOMA—Case Furnace Co.

WISCONSIN.

MILWAUKEE—Fuller-Warren Co. ("Stewart"), 32d c Wright
Mueller L. J. Furnace Co. ("Mueller") Schwab R. J. & Sons Co. ("Gilt Edge 283 Clinton
NEENAH—Bergstrom Stove Co.

5087a— *Furnaces (Japanning)

Anthony Co., 138 West av, Long Island City, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5088— Furnaces (Jewelers')

BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Keller A. E., 136 Beekman, New York
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Plate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co. (Gas Blast), 46 Clifford, Providence, R. I.
Westmacott Gas Furnace Co. (Gas Blast), 159 Orange, Providence, R. I.
Worthington & Raymond (Jobbers, "Optimus," "W. & R."), 71 Murray, New York.

5089— Furnaces (Kerosene)

Anthony Co., 9 Jackson av, Long Island City, N. Y.
Ashton Mfg. Co. (Blast), 184 Emmet, Newark, N. J.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Globe Gas Light Co. ("Barthel," Soldering & Babbitt), 25 Union, Boston, Mass.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Otto, Wm. H. Metal Goods Corp. ("Khotal"), 401 St. Paul's av, Jersey City, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Surface Combustion Co., 366 Gerard av, New York.
Turner Brass Works (Blast), Sycamore, Ill.

Furnaces (Laboratory)

See Furnaces. Assayers and Bullion; also Furnaces Crucible, Furnaces Electric

5090—Furnaces (Lead for Galvanizing Wire)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York
Vaughn Machinery Co. (Annealing), Cuyahoga Falls, O.
See adv index at end of book

5091—Furnaces (Lead Melting)

Anthony Co., 138 West av, Long Island City, N. Y.
BIEHL IRON WORKS, INC., (Portable & Stationary), Reading, Pa.
See adv index at end of book
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
Focht Geo. Sons (Pipe Line), 117-119 Adams, Hoboken, N. J.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Leadite Co. (Gasoline), Land Title bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Penn Foundry & Mfg. Co., Reading Pa.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Smith A. P. Mfg. Co. ("Economic," "O'Brien"), East Orange, N. J.
Sperry D. R. & Co. (Salamander Type), Batavia, Ill.
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av, N W, Cleveland, O.
Steubner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Union Iron Works, Hoboken, N. J.

5092—Furnaces (Lead Tempering)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5093—Furnaces (Liquid Boiling)

Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5094—Furnaces (Liquid Fuel)

Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Braun Corporation ("Braun," for Assayers, Mining), 363 New High, Los Angeles, Cal.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5095— Furnaces (Locomotive)

American Arch Co. ("Gaines" Combustive Combination Chambers), 30 Church, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

5096—*Furnaces (Magnet Heating)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York

5097—Furnaces (Malleable Annealing & Melting)

Amsler Morton Co., Hoboken, Pa.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Holcroft & Co., Book bldg, Detroit, Mich.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago

5098— Furnaces (Melting)

See also Furnaces, Brass & Copper Melting; also Furnaces, Crucible

American Equipment Co., Norristown, Pa.
American Gas Furnace Co., 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Automatic Furnace Co., 1st & Harshman, Dayton, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," for Soft Metal, etc.), 5600 W 12th, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*
DETROIT ELEC. FURNACE CO., 645 Book bldg, Detroit, Mich.
Dopp J. W. & Co. (Crucible & Non Crucible, Dealers), 18 W Columbia, Detroit, Mich.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Electric Furnace Co., The, Alliance, O.
Fisher Alfred, 762 W Adams, Chicago, Ill.
FLINN & DREFFEIN CO., (Gas & Oil), 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Foundry Equipment Co., Buffalo, N. Y.
General Electric Co. (Metal, Electric), Schenectady, N. Y.
See adv index at end of book
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Hausfeld Co., Harrison, O.
Hawley Down Draft Furnace Co. ("Hawley-Schwartz" Metal), Easton, Pa.
Holcroft & Co., Book bldg, Detroit, Mich.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Koven L. O. & Bro. (Portable), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Monarch," "Rockwell," "Steele-Harvey" Tilting), American bldg, Baltimore, Md
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Pittsburgh Elec. Furnace Co. (Aluminum, Brass & Copper), H, Union bldg, Pittsburgh, Pa.
ROCKWELL W. S. CO. (Brass & Copper Tube), 50 Church, New York
See adv index at end of book
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Sperry D. R. & Co. (For Soft Metals), North Batavia, Ill.

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Webb Electric Furnace Corp., 42 Church, New York
Wellman-Seaver-Morgan Co. ("Wellman," Rolling & Stationary), Cleveland, O.
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5099—Furnaces (Muffler & Oven)

Amsler Morton Co., Hoboken, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
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ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5100—Furnaces (Muffling & Charcoal Sinking)

Mackenzie's Duncan Sons Co., Trenton, N. J.
U. S. Smelting Furnace Co., Belleville, Ill.

5101— Furnaces (Oil Blast)

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MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Surface Combustion Co., 366 Gerard av, New York

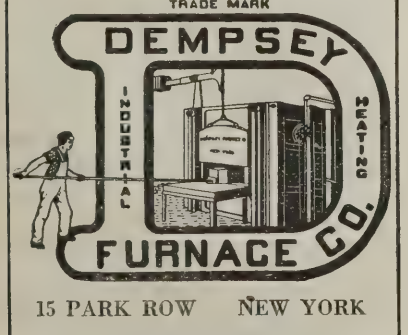
5101a—Furnaces (Oil Burning)

See also Furnaces, Fuel Oil Burning

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ROCKWELL W. S. CO. (For Melting, Annealing, Crucible, etc.), 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York.
U. S. Smelting Furnace Co., Belleville, Ill.

5102—Furnaces (Oil Tempering)

Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Ferguson Furnace Co., Toledo, O.
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
MACLEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("S-C-H"), 336-344 Frankfort av N W, Cleveland, O.
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5103—Furnaces (Open Hearth)

Amsler Morton Co., Hoboken, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blaw Knox Co., Freeport rd, Hoboken, Pa
Efficient Contractors, Inc., Perth Amboy, N. J.
Favorite Stove & Range Co., Piqua, O.
Holcroft & Co., Book bldg, Detroit, Mich.
Laughlin Alex. & Co. (Continuous Heating), Pittsburgh, Pa.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
McClure G. W. Son & Co., Bessemer bldg Pittsburgh, Pa.
McLain-Caster Furnace Co., Goldsmith bldg., Milwaukee, Wis.
Miller W. R. Co., House bldg., Pittsburgh, Pa.
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Pennsylvania Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Smythe, S. R. Co., 2022H Oliver bldg, Pittsburgh, Pa.
Swindell Wm. & Bros., Jenkins Arcade bldg., Pittsburgh, Pa.
Wellmann-Seaver-Morgan Co. ("Wellmann" Rolling & Stationary), Cleveland, O.
See adv index at end of book

5104— Furnaces (Pipe Mill)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Smythe, S. R. Co., 2022H, Oliver bldg, Pittsburgh, Pa.

5104a Furnaces (Pipeless)

Andrews Heating Co., Minneapolis, Minn.
Barker Rose & Clinton Co., Dept. H, Elmira, N. Y.
Bibb, B. C. Stove Co., 109H Light, Baltimore, Md.
Chattanooga Roofing & Foundry Co. ("Cahill"), H. W. Missionary av, Chattanooga, Tenn.
Caloric Furnace Co., 1531H Locust, Phila., Pa.
Galusha Stove Co. ("Norman"), Rochester, N. Y.
Graff Furnace ("Faultless Comfort"), 61 Wooster, New York
Heckler Bros. ("Heckler"), 919H Liberty av, Pittsburgh, Pa.
Henry Furnace & Foundry Co. ("Moncrief"), 825 Long av, Cleveland, O.
International Heater Co. ("International"), Utica, N. Y.
Kansas City Furnace Co. ("Ideal King"), 326 W 6th, Kansas City, Mo.
Lyon, Conklin & Co., Inc. ("Lyon"), 19 Balderston, Baltimore, Md.
Meyer Furnace Co. ("Weir"), Peoria, Ill.
Monitor Stove Co. ("Caloric"), Dept H, C., H. & D. R. R., nr. Gest, Cincinnati, O.
Peerless Foundry Co. ("Peerless"), 1935 Ludlow av, Indianapolis, Ind.
Prizer Painter Stove Co. ("Prizer"), Reading, Pa.
Quaker Mfg. Co., 140 N Dearborn, Chicago, Ill.
Richmond Stove Co., H, Main, Richmond, Va.
SEXTON, S. B. STOVE & MFG. CO., 500 W Conway, Baltimore, Md.
Silverton Blow Pipe Co. ("Sibloco"), 109H W Main, Silverton, Ore.
Somerville Stove Works ("Magic Service"), Somerville, N. J.
Thatcher Furnace Co., 131 W 35th, New York
Tubular Htg. Ventg. Co. ("Blaze" & "Master"), 232H Quarry, Philadelphia, Pa.
Utica Heater Co. ("New Idea"), Utica, N. Y.
Weiskittel, A. & Son Co., Dept. H, 12th & Lombard, Baltimore, Md.
Wellston Mfg. Co. ("Senator"), Wellston, Ohio
Wise Furnace Co. ("Simplex"), Akron, O.

5105—Furnaces (Plate Heating)

Anthony Co., 138 West av, Long Island City, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Lindsay W. W. & Co., Inc., Harrison Bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
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ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.

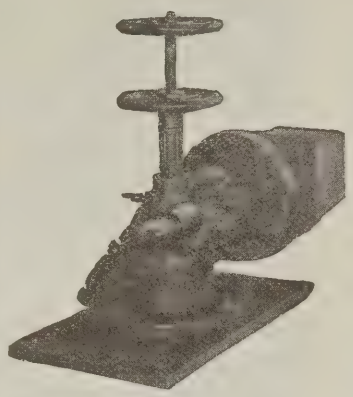
5106—Furnaces (Powdered Coal)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.

5107—Furnaces (Producer Gas)

See also Gas Producers

Amsler Morton Co., Hoboken, Pa.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
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Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5108—Furnaces (Rectangular Copper)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*

5109—Furnaces (Refining & Reducing)

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Hausfeld Co., Harrison, O.
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Rockwell W. S. Co., 50 Church New York *See adv index at end of book*
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Surface Combustion Co., 368 Gerard av, New York
Webb Electric Furnace Corp., 42 Church, New York
Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5110—Furnaces (Regenerative Gas)

Amsler Morton Co., Hoboken, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Lindsay W. W. & Co., Inc., Harrison Bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Swindell Wm. A. Bro., Jenkins Arcade bldg Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

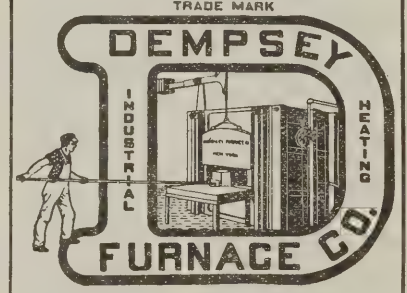
5111— Furnaces (Re-Heating)

Amsler Morton Co., Hoboken, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
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Lindsay W. W. & Co., Inc., Harrison Bldg, Phila., Pa.

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Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
New York.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

5112—Furnaces (Reverberatory)

Anthony Co., 138 West av, Long Island City, N. Y.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York.

5112a—*Furnaces (Revolving, Annealing & Hardening)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5113—Furnaces (Revolving Forge)

Mac Leod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pawtucket Mfg. Co., Pawtucket, R. I.
ROCKWELL W. S. C. (Annealing for Oil, Coal or Gas), 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5114—Furnaces (Rivet Heating)

AMERICAN CAR & FOUNDRY CO., 165 Broadway, New York *See adv index at end of book*
American Equipment Co., Norristown, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
ANTHONY CO., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO. (Oil or Gas), 50G Church, New York *See adv index at end of book*
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best W. N. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Ferguson Furnace Co., Toledo, Ohio.
General Electric Co. (Electric), Schnectady, N. Y. *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Koven L. O. & Bro. (Oil or Gas), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Liberty Tool Corp., 1321H Munsey bldg, Baltimore, Md.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch" & "Rockwell"), American bldg, Baltimore, Md.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co., ("S-C-H"), 336-344 Frankfort av N W, Cleveland, O.
Surface Combustion Co., 366 Gerard av, New York
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Thomson Electric Welding Co. ("Thomson"), Lynn, Mass.

5114a—*Furnaces (Rivet, Tire, Etc.

Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York

5115— Furnaces (Rocker)

Southern Plow Co. (Portable with Evaporator Pan), Columbus, Ga.

5116—Furnaces (Roll Tempering)

Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Ferguson Furnace Co., Toledo, Ohio.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Railway Materials Co. ("The Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York

5117—Furnaces (Rotary, Kiln, Automatic)

Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
SCHAFFER ENGINEERING & EQUIPMENT CO., 2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*
U. S. Smelting Furnace Co., Belleville, Ill.

5117a—Furnaces (Rotating & Tilting)

U. S. Smelting Furnace Co., Belleville, Ill.

Furnaces (Salamander)

See Salamanders

5118—Furnaces (Saw Hardening)

Anthony Co., 138 West av, Long Island City, N. Y.
MacLeod Co., 227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York.

Furnaces (Scrap Melting)

See Furnaces, Steel Melting

5119-20—Furnaces (Sherardizing)

Anthony Co., 138 West av, Long Island City, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
New Haven Sherardizing Co., Hartford, Conn.
Surface Combustion Co., 368 Gerard av, New York.
Vitro Manfg. Co., H, Bessemer bldg, Pittsburg, Pa.

5121— Furnaces (Sintering)

American Grondal Co., 120 B'way, New York
Am. Sintering Co., 80H E. Jackson blvd, Chicago, Ill.
SINTERING MACHINERY CORP., Netcong, Morris Co., N. J. *See adv index at end of book*

5122—Furnaces (Smelting, Roasting, Calcining, Etc.)

Allis-Chalmers Mfg. Co. ("McDougal," Roasting, etc.), Milwaukee, Wis.
Arizona & Sonora Mfg. Co. (Wood Fuel), Nogales, Ariz.
Bethlehem Foundry & Machine Co. (Smelting), South Bethlehem, Pa.
Braun Corporation, 363 New High, Los Angeles, Cal.
Breuer C. R. Smelting & Refining, Beekman & Hopple, Cincinnati, O.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
General Chemical Co. ("Herreshoff" Roasting Furnace for De-sulphurizing Ores), 25 Broad, New York.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Bruckner" Batch Roasting, etc.), 120 Broadway, New York. *See adv index at end of book*
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Love Bros., Inc. (Roasting), Aurora, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. (No Calcining Furnace), 42 B'way, New York.
Moore Bros. Co., Elizabeth, N. J.
Nichols Copper Co. ("Herreshoff" Roasting), 25 Broad, New York.
Penn Fdy. & Mfg. Co. ("O'Brien" Ore Roasting), Reading, Pa.
Pittsburgh Elec. Furnace Co. ("Smelting"), H, Union bldg, Pittsburgh, Pa.
Reeves Bros. Co., The (Roasting, Calcining, etc.), Alliance, O. *See adv index at end of book*
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Treadwell Construction Co. (Roasting, Calcining, etc.), Midland, Pa. *See adv index at end of book*
Walker Mfg. Co. (De Sulphurizing Ores), Denver, Colo.
Wedge Mechanical Furnace Co. (Roasting Only), Greenwich Point, Phila., Pa.

5123— Furnaces (Smokeless)

See also Mechanical Stokers

Brightman Furnace Co., 2570 Broadway, Cleveland, O.
Burke Furnace Co., 320 N Water, Chicago, Ill.
Chicago Down Draft Furnace Co., 115 Clinton, Chicago, Ill.
Chicago Incinerator Co., 320 East N Water, Chicago, Ill.
Climax Smoke Preventer Co., 261 Franklin, Boston, Mas.
Dorrance, Chas. J. ("Dorrance"), 811 N. Y. Life bldg, Chicago, Ill.
Harris Smokeless Furnace Co. ("Harris"), Nashville, Tenn.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hawley Down Draft Furnace Co., Easton, Pa.
Herbert Boiler Co., 140 Root, Chicago, Ill.
Household Appliance Co. (& Cooking Utensils Odor Consumers), Neenah, Wis.
Illinois Stoker Co., Alton, Ill.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
McMillan Jas & Co. (for High & Low Pressure Boilers), 114 Clarkson, Chicago, Ill.
Murphy Iron Works ("Murphy" Automatic), ft. Walker, Detroit, Mich.
O'Brien John Boiler Works Co. ("O'Brien-Hawley" Down-Draft), St. Louis, Mo.
Power Specialty Co. ("Kent"), 111 B'way, New York *See adv index at end of book*
Quinn & Co. ("Quinn" Flat Top), 222 E 9th, Cincinnati, O.
Riley Sanford Stoker Co., Worcester, Mass.
Thacher Propeller & Foundry Corp. ("Albany" Mechanical Smokeless Furnace), Albany, N. Y.

Furnaces (Soldering)

See Furnaces, Gas Soldering; Furnaces; Gasoline Blast; also Furnaces, Kerosene; also Heaters, Soldering Iron

5123a—*Furnaces (Spring Fitting)

Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*

5123b—*Furnaces (Steel Annealing)

See also Furnaces, Annealing & Case Hardening
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5124 Furnaces (Steel & Iron Melting)

Anthony Co., 138 West av, Long Island City, N. Y.
DETROIT ELECTRIC FURNACE, 645 Book bldg, Detroit, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York
Webb Electric Furnace Corp., 42 Church, New York

5125—*Furnaces (Stoker Fired)

Naismith Geo. & Son, 6312 Butler, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5126— Furnaces (Sulphur)

Bethlehem Foundry & Machine Co., Bethlehem, Pa.
SCHUTTE & KOERTING CO. (Beet Sugar or Glue, Sulphuric Acid, etc.), 1251 N 12th, Phila., Pa. *See adv index at end of book*

5126a—Furnaces (Tempering)

See also Furnaces, Annealing & Case Hardening
American Industrial & Engineering Co. (Wire), 53 W Jackson blvd., Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York

5127— Furnaces (Tinning)

Anthony Co., 138 West av, Long Island City, N. Y.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg., Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 368 Gerard av, New York
Vaughn Machinery Co., Cuyahoga Falls (Wire Mill), Ohio. *See adv index at end of book*

5128—Furnaces (Tire Heating)

American Gas Furnace Co., 24 John, New York.
Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N., Inc. ("Calorex"), 11 B'way, New York.
Defiance Machine Works, Defiance, O.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Lindsay W. W. & Co., Inc., Harrison Bldg, Phila., Pa.
MacLeod Co. (Locomotive, Street RR Car & Wagon Tire), 2227 Bogen, Cincinnati, Ohio. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg., Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.
Union Machine Co., 183 University av, St. Paul, Minn.
Williams, White & Co., Moline, Ill.

5129—Furnaces (Tool Dressing)

Anthony Co., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York

5129a— *Furnaces (Tool Hardening)

Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*

5130—Furnaces (Tube Brazing)

Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York

5131—Furnaces (Warm Air)

See also Furnaces, Hot Air
Art Stove Co., Russell & Milwaukee, Detroit, Mich.
Chattanooga Roofing & Foundry Co. ("Cahill" House-Heating Pipe & Pipeless), Dept. H, Chattanooga, Tenn.
National Furnace Co., Dayton, O.
Fuller & Warren Co., 256 Water, New York
Standard School Heater Co., 453 N Racine, Chicago, Ill.

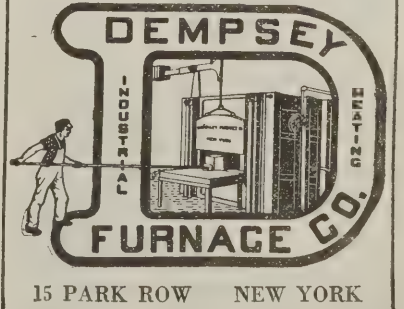
5132— Furnaces (Welding)

Amsler Morton Co., Hoboken, Pa.
Anthony Co. (Flue, etc.), 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Best W. N., Inc. ("Calorex"), 11 B'way, New York.
Blaw Knox Co., Freeport rd, Hoboken, N. J.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
DEMPSEY FURNACE CO., 15 Park Row, New York *See adv index at end of book*

WELDING FURNACES

YOU WILL BE PLEASED WITH RESULTS OBTAINED AND LOW MAINTENANCE COST OF OUR FURNACES

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FURNACES (WELDING)—continued
Ferguson Furnace Co., Toledo, Ohio.
FLINN & DREFFEIN CO. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg., Baltimore, Md.
Rockwell W. S. Co. (Flue, Tubes, etc.), 50 Church, New York.
See adv index at end of book
Surface Combustion Co., 368 Gerard av, New York
Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.

5133—Furnaces (Welding, Regenerative)

Anthony Co., 138 West av, Long Island City, N. Y.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
MacLeod Co., 227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg., Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York.
See adv index at end of book
Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.

5134—Furnaces (Wire Baking & Annealing)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Dempsey Furnace Co., 15 Park Row, New York. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Surface Combustion Co., 366 Gerard av, New York
Vaughn Machinery Co. (Tube or Retort Annealing or Tempering; Steel Plate Die Annealing), Cuyahoga Falls, O.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5135—Furnaces (Wood Burning)

See also Furnaces, Hot Air, Manufacturers
Dean Walter R., Oakham, Mass.
Hart & Crouse Co., Utica, N. Y.
International Heater Co., Utica, N. Y.
Lennox Furnace Co., Marshalltown, Ia.
Majestic Co., Huntington, Ind.
Miller Furnace Co., Grand Rapids, Mich.
Monroe Foundry & Furnace Co., Monroe, Mich.
Schill Bros. Co. (Wood or Coal), Crestline, O.
Wood & Bishop Co., Bangor, Me.

5136— Furnaces (Zinc)

Electric Furnace Co., The, Alliance, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York.
See adv index at end of book

5137— Furniture (Bamboo)

Boston Bamboo Co., 117 Portland, Boston, Mass.
Klein Bros. (Japanese) Paynstar av, Long Island City, N. Y.
Meinecke Mfg. Co., Richards, Milwaukee, Wis.
Minneapolis Bedding Co., E Henn av & S E 5th, Minneapolis, Minn.
West Branch Novelty Co., Milton, Pa.

5138— Furniture (Barbers')

Chisholm Co., 178 Centre, New York
Collins T. J. Furniture Co., Toledo, O.
Koken Barbers' Supply Co. (& Beauty Parlor), Sidney & Texas, St. Louis, Mo.

5139— Furniture (Camp)

A. B. C. Mfg. Co., Kansas City, Mo.
Abercrombie David T. Co., 17 Warren, New York
Auto Bed Camp Mfg. Co. (Beds for Autos & Cabs), 1504 Grand av, Kansas City, Mo.
Auto Bed Co., Bellingham, Wash.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Gold Medal Camp Furniture Mfg. Co. (Folding Beds, Cots, Tables, Stools, Tents, etc), Racine, Wis.
Hettrick Mfg. Co., Toledo, O.
Kenyon R. S. Co., Waukesha, Wis.
San Antonio Tent & Awning Co., 129H Military Plaza, San Antonio, Texas
Stonebridge C. H. Mfg. Co. (Beds & Folding Tables), 23 Warren, New York

5140—Furniture (Church & Lodge)

See also Seating, Veneer
Adams & Kelly Co., Omaha, Neb
Alexander R., 197 Island av, E, Minneapolis, Minn.
Allen Blaisdell Co., 12 Pearl, Boston, Mass.
Allen Chair Co., Concord Junction, Mass.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Seating Co. (Seating, etc), 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co. (Seating, etc), 107 S Wabash av, Chicago, Ill.
Bent G. W. Co. (Cushions & Kneeling Stools), 93 Causeway, Boston, Mass.
Budde & Weis Mfg. Co., Jackson, Tenn.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Chicago Mission Furniture Co., 1919 Clybourn av, Chicago, Ill.
Farley & Loetscher Mfg. Co. (Altars & Railings, Pulpits, Pew), Bodies & Fronts), Dubuque, Ia.
Fond du Lac Church Furniture Co., Fond du Lac, Wis.
Geissler R., 56 W 8th, New York
Globe Furniture Co., Ltd., Northville, Mich.
Hackner E. Co. (Altars, Pulpits, Statuary, etc), La Crosse, Wis.
Henderson-Ames Co. (Lodge), Kalamazoo, Mich.
Huntington Seating Co., Huntington, W. Va.
Hyde-Murphy Co. (Seats, Pulpits, Pew Ends, etc), Ridgway, Pa.
Indiana Lumber & Mfg. Co., South Bend, Ind.
Kaaz Mfg. Co. (Church Only), Atchison, Kan.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Lamb J. & R., 25 6th av, New York
Lausberg & Macke, Louisville, Ky.
Mascheroni, Joseph (Special), 2172H Clybourne av, Chicago, Ill.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.
Moore Mfg. Co., Springfield, Mo.
N. J. School & Church Furniture Co., Trenton, N. J.
Pratt Amasa Co., Lowell, Mass.
Readsboro Chair Co., Readsboro, Vt.
Retting Furniture Co. (Lodge Only), Grand Rapids, Mich.
Rilling J. E. & Co., 107 34th, Milwaukee, Wis.
Rowles E. W. A., Co., 2345 S La Salle, Chicago, Ill.
Salisbury Wood-Working Co., Salisbury, Md.
Sanford Sash & Blind Co. (Pews), Sanford, N. C.
Shaw Furniture Co., Cambridge, Mass.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.
Standard Mfg. Co., Appleton, Wis.
Stephens Thos & Sons (Inc.), Albany, N. Y.
Thomas & Co., Worcester, Mass.
Tiffany Studios (Special Designs), 361 Madison av, New York
Tiffin Mfg. Co. (Pews, Pulpits, Altars, Altar Railings, etc), Tiffin, O.
Washington Mfg. Co., Tacoma, Wash.
Weber, C. F. & Co., 985H Market, San Francisco, Cal.

5141— Furniture (Costumers')

Behrend, Jacob, 118 Allen, Phila., Pa.
Erie Art Metal Co. (Metal), Erie, Pa.
Manchester Mfg. Co., 1210 S Vandeventer av, St. Louis, Mo.
Mascheroni, Joseph (Special), 2172H Clyborne av, Chicago, Ill.
Stevenson Co. (Pins, Wooden), South Bend, Ind. *See adv index at end of book*

5142—Furniture (Dental & Surgical)

American Cabinet Co., Two Rivers, Wis.
American Metal Furniture Co., Indianapolis, Ind.
Art Metal Construction Co. (Sheet Steel), Jamestown, N. Y.
Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.
Bassick Co. ("Bassick," "Grip Neck," "Philadelphia," "Oblong Plate," "Feltoid"), 38H Austin, Bridgeport, Conn.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Harvard Co., Canton, O.
Koken Barbers' Supply Co. (Chiropody), Sidney & Texas, St. Louis, Mo.
Phoenix Metal Stamping Co. ("Sani-Can"), 2327H W. Fletcher, Phila., Pa.
Ritter Dental Mfg. Co., Inc., Rochester, N. Y.

5143—Furniture for Public Buildings

Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Art Metal Construction Co. (Metallic), Jamestown, N. Y.
Budde & Weis Mfg. Co., Jackson, Tenn.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Duker Otto & Co., Fleet & Albemarle, Baltimore, Md.
Farley & Loetscher Mfg. Co. (Desks, Railings, Benches, Cabinets, etc.), Dubuque Ia.
Fielder & Allen Co. (Jobbers), Dept. H, Atlanta, Ga.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Fridman Lumber Co. (Office & Court House), New Richmond, O.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Hein Furniture Co., Toledo, O.
Hospital Supply Co., 153 E 23rd, New York
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.
Mowday David Y (Est. of) (Leather Covered), Norristown, Pa.
Nedrow Mfg. Co., Caledonia, N. Y.
Phoenix Furniture Co. (Court House, etc), Eau Claire, Wis.
Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.
Rilling J. E. & Co., 107 34th, Milwaukee, Wis.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.
Tiffany Studios (Special Designs), 361 Madison av, New York
Watson Mfg. Co. (Steel), Jamestown, N. Y.
Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.

5144—Furniture (Garden & Conservatory)

Anchor Building Co., Elizabeth, N. J.
See adv index at end of book
Cincinnati Cement Products Co., 2016 Dana av, Cincinnati, O.
Galloway Terra Cotta Co. (Terra Cotta), 3216 Walnut, Phila., Pa.
Kraus J. C., Cast Stone Wks, Inc., 363 Lexington av, New York
North Shore Ferneries Co., Beverly, Mass.
Whitman Studios, 900 Oxford, Phila., Pa.

5145— Furniture (Hospital)

Alberene Stone Co., 223 E 23d, New York
American Metal Furniture Co. (Aseptic), Indianapolis, Ind.
Art Metal Construction Company (Steel), Jamestown, N. Y.
See adv index at end of book
Art Metal Products Co., 514 S Green, Chicago, Ill.
Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.
Bernstein Mfg. Co. (Also All Kinds of Apparatus & Supplies), 3d & Alleghany, Phila., Pa.
Betz Frank S. Co., Hammond, Ind.
Columbus Aseptic Furniture Co., Columbus, O.
Dougherty H. D. Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Humane Restraint Co., Madison, Wis.
Inner-Braced Furniture Co., Elkhart, Ind.
Reid Bros., 585 Mission, San Francisco, Cal.
Reid Bros., Seattle, Wash.
Richardson, Wright & Co., 65 Beverly, Boston, Mass.
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Sargent Mfg. Co., Muskegon, Mich.
Scanlan-Morris Co., Madison, Wis.
Simmons Co. (Beds Only), Kenosha, Wis.
Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.
Voigt Co. (Cement), 1743-1749 N 12th, Philadelphia, Pa.
White Steel Sanitary Furniture Co., Grand Rapids, Mich
Wocher Max & Son Co., 19 W 6th, Cincinnati, O.

5145a— Furniture (Household)

ARKANSAS.

FORT SMITH—Ballman-Cummings Furn. Co.
Daly Furn. Co.
Fort Smith Chair Co.
Fort Smith Folding Bed & Table Co.
Fort Smith Furn. Co.
McLoud & Sparks Furn. Co.
Mitchell & Mitchell Mfg. Co.
Ward Furn. Mfg. Co.
LITTLE ROCK—Arkansas Carpet & Furn. Co. Dept. H.
Bowser Furn. Co.
Little Rock Furn. Co.

CALIFORNIA.

BERKELEY—Calif. Mission Furn. Co.
LOS ANGELES—Angelus Furn. Mfg. Co., 947H E. Pico
Bryant Upholstered Furn. Co., 1622H W 7th
Empire Furn. Mfg. Co., 167½H E 37th
Los Angeles Furn. Co.
Prince Gilbert
Smith, C. B. Furn. Co.
OAKLAND—Jackson Furn. Co.

You Never Question the Worthwhile Value of This Line

Those who have learned the lasting satisfaction of buying only nationally-known, dependable merchandise, investigate "Allsteel" before they buy.

Allsteel Filing Cabinet



The GF Allsteel Line of Vertical Files is built to meet the needs of modern business from every standpoint. Practically every conceivable style of record may be filed in this line of Uprights—there is a file for every size of record, from the 5″ x 3″ index card up to legal size papers, 18″ x 14″.

The space-saving feature of steel furniture is carried out to the utmost degree in GF Allsteel Uprights—a saving of 15 to 25 per cent over ordinary files for floor area occupied.

This feature, plus the rigid GF Allsteel construction secured by electric and acetylene welding; a patented, progressive roller suspension which causes the drawers to coast in and out easily and noiselessly whether light or loaded; dust lip at every drawer; thin, easy-running and absolute locking steel follower block, and the handsome, dignified design and finish, give to this line of GF Allsteel Files certain individual merits found in no other line.

Allsteel Desks and Tables

Whether for durability, beauty or convenience, your need can be satisfied in the Allsteel Line of Desks and Tables. Eliminating the center legs gives more foot room—a new comfort feature that every business man will appreciate. Linoleum tops are sanitary, stain and wear-proof, and make a working surface that is pleasing and comfortable in all climates. The cold-drawn bronze binding strips, cast bronze, brush-finished column footings and drawer pulls will never show wear. Privacy is afforded by a lock on all drawers in right-hand pedestal. Locks for other drawers can be furnished.

Allsteel Safes



Allsteel safes are made in two models—the 4000 line Underwriters model with Class B label and 100 line Commercial Model. They are designed and built to meet modern needs for a dependable fireproof safe.

Our Safe Catalog, sent free for the asking, gives you valuable information about safes.

Allsteel Shelving



Built from simple, fundamental units, Allsteel Shelving is quickly installed, easily moved, low in first cost and wears for years and years. It is fire resistive, much stronger than wood shelving and in many cases no more costly.

The above are only a few examples of the comprehensive line of

G. F. Allsteel Office Furniture

The General Fireproofing Company

YOUNGSTOWN, OHIO

Branches—New York, Chicago, Boston, Washington, Atlanta, Seattle, San Francisco, Philadelphia.

Dealers in all Principal Cities.

REDDING—Bergh, W. H.
Redding Home Furn. Co.
SACRAMENTO—Capital Furn. Mfg. Co.
Carmichael, D.
Sacramento Planing Mill & Furn. Co.
SAN FRANCISCO—Continental Furn. Mfg. Co., 1636H Bryant
Friedrichs, H., 2147-2169H Folsom
Milwaukee Furn. Co., 832H Mission
National Mill & Lbr. Co., 318 Market.
STOCKTON—Christ, C. H.
Horan, W. J.
Littlefield-Corbett Co.
Schneider, Martin.

COLORADO.

DENVER—Sadler, H. R. Furn. Co. (Mfrs.)

GEORGIA.

ATLANTA—Burnett & Klapper Furn. Co.
Southern Furn. Co.
Southern Upholstering Co.
Woodcraft Co.
BRUNSWICK—Vickers & Mann
MACON—Willingham Mfg. Co.
ROME—Rome Furn. Co.

ILLINOIS.

ASHLAND—Olbrich & Golbeck Co., 365H N Ashland av
BLOOMINGTON—Dodge Dickinson Co.
Will, J. E. Co.
CHICAGO—Am. Furn. Novelty Co., 2004H W Lake
Am. Parlor Furn. Co., 421H N Lincoln
Balkwell & Patch Furn. Co., 1000H Fullerton av
Bauerle & Stark Co., 1147H W Ohio
Chicago Mission Furn. Co., 1919H Clybourn av
Chicago Wire Chair Co., 619H N La Salle av
Churchill Cabinet Co., 2119H Churchill
Colby, J. N. A. & Sons, 129H N Wabash av
Continental Mfg. Co. (Frames), 585H Weed
Doetsch & Bauer Co., 1534H Altgeld
Fenske Bros. (Upholstered), Dept. H, 1666 McHenry
Fischer Furn. Co., 406H N May
Freese J. D. & Sons Co., 2501 Homer
Gold Furn. Co., 2238H S Union
Green Mfg. Co., 1500H N Malsted
Hanson, Louis Co. (Barbers' Chairs), 1500H N. Kostner av
Hausse, Aug. & Co., 869H Weed
Herhold Chair Co., 1025H W Erie
Hollatz Bros. (Parlor), Dept. H, 2315 Grand av
Horn Bros. Mfg. Co., 1144H W Superior
Horn Bros. Mfg. Co. (Bedroom), 1144 W Superior
Jackson Chair Co., 4401H W Nth av
Johnson, A. J. & Sons Furn. Co., Dept. H, 517 Noble
Ketcham & Rothschild, 208H W Seigel
Mallen, H. Z. & Co. (Frames), 346 St. John's Court
Mascheroni, Joseph (Special), 2172 Clybourne av
Meilahn Bros., 900H N Paulina
Metz, J. L. Furn. Co., 1465 W 37th
Niemann Table Co. (& Chairs), 77th & Cottage Grove av
O'Mara Parlor Frame Co., 2141H W Austin av
Passow & Sons (Bedroom), 2101 S. Allport
Peck & Hills Furn. Co., Dept. H, 1357 S Wabash av
Pullman Couch Co., 3759 S Ashland av
Rann, Jacob P. & Sons (Upholstered), 1021H Lill av
Revell, Alex. H. & Co., 141H S Wabash av
Royal Metal Mfg. Co., 2318H S Western av
Salter Mfg. Co., 339H N Oakley blvd
Schomer, Henry Co. (Davenports & Day Beds), 1814 S Kilbourn av
Tauber, Maurice & Co. (Parlor), 2599H Archer av
Tobey Furn. Co., 33H N Wabash av
Valentine Seaver Co. (Upholstered), 1721H Sedgwick
Windsor Furn. Co., 1420H Carroll
Zangerle & Peterson Co. (Frames), 2164H Clybourn av
KANKAKEE—Kroehler Mfg. Co.
MOLINE—Moline Furn. Works
ROCKFORD—Central Furn. Co.
Continental Desk Co.
Co-Operative Furn. Co.
Empire Mfg. Co.
Excel Mfg. Co.
Forest City Furn. Co.
Imperial Furn. Co.
Ill. Cabinet Co.
Mechanic's Furn. Co.
New Eng. Factories Co.
Rockford Bookcase Co.
Rockford Cabinet Co.
Rockford Cedar Furn. Co.
Rockford Chair & Furn. Co.
Rockford Furn. Co.
Rockford National Furn. Co.
Rockford Palace Furn. Co.
Rockford Peerless Furn. Co.
Rockford Republic Furn. Co.
Rockford Superior Furn. Co.

ILLINOIS—Rockford—continued
Rockford World Furn. Co.
Royal Mantel Co.
Skandia Furn. Co.
Superior Furn. Co.
Union Furn. Co.
West End Furn. Co.
Winnebago Mfg. Co.
SPRINGFIELD—Dirksen A. & Son, Dept. H
Ewing Thomas L.

INDIANA.

ALBANY—Flerner Peter Furn. Co.
BATESVILLE—Am. Furniture Co., Dept.H
Batesville Cabinet Co.
Batesville Furn. Co.
Union Furn. Co.
Western Furn. Co.
BLOOMINGTON—Showers Bros. Co.
BRAZIL—Stout Furn. Co.
BROOKVILLE—Brookville Furn. Co.
COLUMBUS—Glanton J. A.
Orinoco Furn. Co.
CONNERSVILLE—Connersville Furn. Co.
EDINBURGH—Edinburgh Cabinet Co.
ELKHART—Inner Braced Furn. Co.
EVANSVILLE—Crescent Furn. Co.
Evansville Bookcase & Table Co.
Evansville Furn. Co.
Evansville Mattress & Couch Co.
Faultless Caster Co.
Globe Bosse World Furn. Co.
Graulick Casper & Co.
Imperial Desk Co.
Indiana Furn. Co.
Karges Furn. Co.
Klamer-Gobel Furn. Co.
Klamer O. A. Furn. Co.
Metal Furn. Co.
Midland Furn. Co.
Reitz-Spiegel Furn. Co.
Specialty Furn. Co.
Stoltz-Schmitt Furn. Co., Dept. H
U. S. Furn. Co.
Weymss Furn. Co.
INDIANAPOLIS—Bank Furn. Co., Dept. H, 16th & Lewis
Cabinet Makers' Union, Union Market & Pine
Clune M. & Sons, 1407-1414H S Meridian
Emrich Furn. Co., Dept. H, 324 W Morris
Furnas Furn Co. (Office), 124H S Liberty
Kramer Mfg. Co., 602H S New Jersey
Lauter H. Co., W Wash & Harding
Madden John J. (Davenports), Dept. H, Sherman Drive & 16th
Madden Thomas & Son & Co. (Lounges), Fletcher & C. C. C. & St. L.
Udell Works (Fancy Specialty), Dept. H, 28th & Barnes av
Western Furn. Co., 1038H Madison av
LA PORTE—McLelland Buck & Wise Co.
Rustic Hickory Furn. Co.
LAWRENCEBURG—Johnston & Klare Mfg. Co.
LOGANSPORT—Logansport Furn. Co.
MADISON—McKim & Cochran Furn. Co.
MARION—McClure Mfg. Co. (Kitchen Cabinets)
NEW ALBANY—Lucik A.
PERU—Standard Cabinet Mfg. Co.
RICHMOND—Richmond Furn. Mfg. Co. (Kitchen Cupboards & Wardrobes)
SHELBYVILLE—Albert Furn. Co., Dept.H
Blanchard Hamilton Furn. Co.
Campbell C. H. Furn. Co.
Conrey D. L. Furn. Co., Dept H
Conrey Davis Mfg. Co., Dept. H
Danziger Furn. Co.
Davis Birley Table Co.
Hodell Furn. Co.
Shelbyville Wardrobe Mfg. Co.
Speigel Furn. Co.
VINCENNES—Vincennes Furn. Mfg. Co.

IOWA.

BURLINGTON—Chittenden & Eastman Co.
Leopold Desk Co.
Northwestern Cabinet Co.
CLINTON—Anderson Furn. Co., Dept. H
Anderson-Winter Mfg. Co., Dept. H
Clinton Furn. Co.
Kelley J. A. & Bros.
DES MOINES—Harbach's Louis Sons Co.
Jaeger Furn. Co.
Schmitt & Henry Mfg. Co.
GRAND RAPIDS—Parlor Furn. Mfg. Co.
KEOKUK—Carter Mfg. Co.
MARSHALLTOWN—Downing E. E. Co.
SIOUX CITY—Lindholm Furn. Co.

KANSAS.

KANSAS CITY—Hutchins W. E. Furn. Co.
LEAVENWORTH—Klemp H. W. Furn. Co.
WICHITA—Gilbert J. O. Furn. Co.

KENTUCKY.

COVINGTON—Ballman Cabinet Co.
HENDERSON—Marshall Furn. Co.
LOUISVILLE—Bittners G. Sons
Convertible Furn. Co.
Indian Furn. Co.
Jefferson Woodworking Co. (Table Slides)
Kopp William Co.
Palmer & Hardin
Voss Table Co.
Wilson Furn. Co.

LOUISIANA.

LAKE CHARLES—Berdon-Campbell Furn. Co. Ltd.
Southern Furn. Co.
NEW ORLEANS—Maestri Francis & Paul Furn. Co., Dept. H, Custom House & Rampart
Muller Furn. Mfg. Co., 201-213 N Derbigny
New Orleans Furn. Mfg. Co., Dept. H, foot of Belle Castle

MAINE.

PORTLAND—Beals Thos. P.
Carleton Furn. Co.

MARYLAND.

BALTIMORE—Bagby Furn. Co., Dept. H, Eastern av & Exeter
Baltimore Chair & Furn. Co., 810H Madison av
Goldstrom Bros., 118H N Paca
Hughes Furn. Mfg. Co., Dept. H, Haubert & Beason
Knipp J. C. & Sons, 218H Clay
Levenson & Zenitz, Howard & Ostend
Meislahn C. & F. Co., 19H Clay
Pimes M. & Co., 300 N Front, Dept. H
Reliable Furn. Mfg. Co., 303H President
Spindler George, Dept. H, 608 W Pratt
CUMBERLAND—Flurschutz H. U. F. & Son
HAGERSTOWN—Hagerstown Furn. Co.
Hagerstown Lounge Co.
Miller C. D.
Rupp Furniture Co. (For Bedrooms)

MASSACHUSETTS.

ATHOL—Higgins J. F. & Co.
Morse L. & Sons, Dept. H
BOSTON—Davenport A. H. Co., Dept H, 573 Boylston
Harwood H. J. & Sons (Hall & Theatre Chairs), 107H Friend
Heywood Bros. & Wakefield, 174H Portland
Irving & Casson, 573H Boylston
Metropolitan Mfg. Co., 777H Boylston
Paine Furn. Co.
Phelps & Bradley Co., Dept. H, 38 Wareham
Richardson Furn. Co., 20H Sudbury
Safford Wm. C. & Co., 78H Newbury
Union Parlor Furn. Co., 43 Beverley
CAMBRIDGE—Kaplan Furn. Co.
Shaw Furn. Co.
GARDNER—Commonwealth Mfg. Co.
LEOMINSTER—Merrian Hall & Co. (N Leominster)
Whitney Reed Corp.
LOWELL—Hawkes Levi & Co.
SOMERVILLE—Bailie Basket Co. (Rattan)
SPRINGFIELD—Metropolitan Furn. Co.
WORCESTER—Guy Furn. Co., 517 Main, Dept. H

MICHIGAN.

ADRIAN—Economy Drawing Table Mfg. Co.
Palmer A. E. & Son
ALLEGAN—Baker & Co.
Oliver & Co.
ANN ARBOR—Michigan Furn. Co.
BATTLE CREEK—Home Furniture Co., Dept. H
BAY CITY—Kelton Aurand Co.
BIG RAPIDS—Big Rapids Furn. Mfg. Co.
Falcon Mfg. Co.
Luce-Redmond Chair Co., Ltd.
CHARLOTTE—Charlotte Furn. Co.
DETROIT—Andrews A. W., 300H Congress E
Detroit Cabinet Co., 988H Riopelle
Detroit Chair Mfg. Co., 1171H Bellevue
Detroit Furn. Exchange, 803H Bellevue
Haberkorn C. H. & Co., 398H Elizabeth W
Keenan & Jahn, 334H Woodward
Murphy Chair Co., D. G. H. & M. Junction
Pohlman & Co., 12H Vermont av
Posselius A. & Co., Dept. H, 1111 Harper
Widman J. C. & Co. (& Mirrors)
Wolverine Mfg. Co., Dept. H, 12th, Stanley
GRAND RAPIDS—Adjustable Table Co.
Berkley & Gay Furn. Co.
Berkley W. A. Furn. Co.
Century Furn. Co.
Criswell Furn. Co.
Davies-Putnam Co.
Foote Reynolds Co.
Fritz Mfg. Co.
Furniture Studios (Inc.)
Grand Rapids Fancy Furn. Co.
Grand Rapids Furn. Co.
Grand Rapids Piano Case Co.
Grand Rapids Upholstering Co.
Imperial Furn. Co.
Johnson Furn. Co.
Luce Furn. Co.
Muller & Slack Co. (Upholstered)
Nachtegall Mfg. Co.
Oriel Cabinet Co.
Paalman Furn. Co.
Paine C. S. Co. Ltd. (Upholstered)
Phoenix Furn. Co.
Retting Furn. Co.
Rex Robinson Furn. Co.
Royal Furn. Co.
Sligh Furn. Co.
Stow & Davis Furn. Co.
Wallace Furn. Co.
Welch Mfg. Co.
Widdicomb Furn. Co.
Widdicomb John Co.
HOLLAND—Bayview Furn. Co.
Holland Furn. Co.
Limbert Chas. P. Co.
Ottawa Furn. Co.
Thompson Mfg. Co.
West Michigan Furn. Co.
IONIA—Ypsilanti Reed Furn. Co.
JACKSON—Michigan Seating Co.
MANISTEE—Manufacturers Furn. Co., Dept. H
MUSKEGON—Muskegon Valley Furn. Co.
NORTHVILLE—Globe Furn. Co.
OWOSSO—Estey Mfg. Co.
Woodard Furn. Co.
SAGINAW—Herog Art Furn. Co.
Opportunity Mfg. Co. (Mission)
Saginaw Table & Cabinet Co.
Schmelzer John
STURGIS—Aulsbrook & Jones Furn. Co., Dept. H.
Wilhelm Furn. Co.

MINNESOTA.

FARIBAULT—Faribault Furn. Co.
MINNEAPOLIS—Barnard Cope Mfg. Co., Dept. H, 4th & 2nd av N E
Grau-Curtis Co., 613H 1st av
McLeod & Smith, 700H Central av
Minneapolis Furn. Co., 527H S E 9th
New Eng. Furn. & Carpet Co., Dept. H, 5th, 6th & Marquette av
Northwestern Furn. & Supply Co., Dept. H, 619 Wash av
Alexander Roman, 197H Island av E
RED WING—Redwing Mfg. Co.
ROCHESTER—Tollefson R. L. Co.
ST. PAUL—Joerns Bros. Co.
Twin City Mission Furn. Co.

MISSOURI.

KANSAS CITY—Abernathy Furniture Co., Dept. H
Sammons V. K.
LEXINGTON—Winkler Furn. Co.
ST. LOUIS—American Bed Co. (Metal Couches, Beds, etc.), 1820H Park av
Conrades Mfg. Co., 1942H N 2nd
Hanpeter F. W., 111H & Palm
Kostube Chas. J. Furn. Co., 900H S 7th
Landau Cabinet Co., Dept. H, 1545 Tower Grove av
Leori Furn. Mfg. Co., 1432H Mullanphy
Meier & Pohlman Furn. Co., 14th & Palm, Dept. H
Missouri Furn. Co., 1436 N 20th
National Chair Co., 1st & Clark av
Peters Joseph Furn. Co., Dept. H, 1457 15th
St. Louis Furn. Workers' Association, Dept. H, 25th & Palm
Standard Furn Mfg. Co., 2722 S 3rd, Dept. H
Staudte Reuckoldt Mfg. Co. (Store & Office), 112H Soulard
Udell Predlock Mfg. Co., 2305H N Broadway
Western Furn. Co., Dept. H, Blair & Palm
Willard Wm. G., 320 Chestnut

NEBRASKA.

LINCOLN—Hardy Furn. Co.
Western Furn. & Manufg. Co.
NORFOLK—Hoffman W. R., Dept. H

NEW HAMPSHIRE.

CONCORD—Beecher Falls Co.
NASHUA—Indian Head Table Co.

NEW JERSEY.

HOBOKEN—Ferguson Bros. Mfg. Co. (Novelties)
U. S. Willow Furn. Co., 401 13th, Dept. H
PASSAIC—Reskin Jacob

NEW YORK.

ALBANY—Hasselbarth C. O.
BUFFALO—Buffalo Davenport Bed Co., 15H Bradley
Buffalo Lounge Co., 567H Exchange
Cutler Desk Co., 20H Churchill
Hersee & Co., 303H Ellicott
Kittinger Furn. Co., 1893H Elmwood av
CAMDEN—Dana Geo. W.
Young J. M. & Sons
CANASTOTA—Lenox Shops
CORTLAND—Cortland Cabinet Co.
GREENE—Greene Mfg. Co.
HERKIMER—Hale F. E. Manuf. Co. (Library)
Wagner Furn. Co.
HORNELL—Deutsch J. M. Co.
HUDSON—Winstian Louis
JAMESTOWN—Advance Furniture Co. (Bedroom), Dept. H
Alliance Furn. Co. (Bedroom), Dept. H
Anchor Furn. Co. (Tabourettes), Dept. H
Atlas Furniture Co. (Bedroom), Allen
Curtis F. M. Co.
Diamond Furn. Co.
Eckman Furn. Co.
Herrick C. W. Mfg. Co.
Himebaugh Bros. (Dining Room)
Jamestown Lounge Co.
Jamestown Upholstery Co.

Maddox Table Co. (Parlor), 101 Harrison
Marvel Furn. Co.
Monarch Furn. Co. (Dining Room)
Norquist A. C. Co. (Bedroom)
Shearman Bros. Co.
Star Furn. Co. (Bedroom), Dept. H
Tillotson Furniture Corp. (Bedroom)
Union Furn. Co.
MEDINA—Empire Couch Co.
Maher Bros. Co., Dept. H
NEWARK—Hallagan & Thompson Co. (Furn. Mfrs.)
BROOKLYN—Diener & Co., 88H Withers
Grand Parlor Suit Co. (Parlor), 1011H Flushing av
National Parlor Suit Co., Dept. H, 65 Raymond
Rohmann C. F. & Son Co., 78H Prince
Romer Mfg. Co., 205H Diamond
Schneider F. & Sons (Frames), Dept. H, 156 19th
Shuff Samuel, Dept. H, 735 Bedford av
Aimone Mfg. Co., 430H E 23rd
Barth L. & Son (Dlrs.), Cooper sq
Bolte Chas. Sales Organization, 47H W 34th
Bossong John, 534H W 58th
Chamberlyne (Inc.), 503H E 72nd
Cocheo Bros., Dept. H, 667 1st av
Cordley & Hayes, Dept. H, 9 Leonard
Fuldner Hy. & Sons, 404H E 14th
Glendale Mfg. Co., 1H Madison av
Grand Rapids Furn. Co., 417H Madison av
Greenstein S. & Sons, 206H W 29th
Guttmann Henry, Dept. H, Amsterdam av & 169th
Hale Co., 68H William
Hampden Mfg. Co., 108H Fulton
Heinrichs Joseph, 948H B'way
Helmsky John, 208H E 120th
Herrmann H. Furniture Co., 368H Broome
Huber H. F. & Co., 13H E 40th
Hunzinger G. & Son, Dept. H, 323 W 16th
Hyman Bros. & Co. (Upholstered), 47H N 34th
Karpen S. & Bros., W 37th & B'way
Kimbel A. & Sons, 534H Madison av
Lowenbein's A. Sons, 581H Madison av
Nathan P. & Co., 158H Hester
National Mfg. Co., 30H Church
Palmer & Embury Mfg. Co., Dept. H, 9 Gouverneur Slip
Pearce J. E. & Co., 193H 7th av
Preiser J. & Co., 169H Canal
Reischmann Co., Dept. H, 14 E 32nd
Reischmann H. & Sons (Inc.), 138H Willow av
Schloss E. & Co., Grand & East River
Schrenkeisen M. F., 220H E 41st
Shaw Furn. Co.
Singer M. & Sons, 23H Elizabeth
Sons Cunningham Reed & Rattan Co., 157 E 32nd, Dept. H
Stokes Wm. A. & Co., 50H Howard
Vogel F. & Co., 214H E 37th
Willow Furn. Co., 625H W 42nd
Zodikow Frame Co., 428H E 10th
LONG ISLAND CITY—Orsenigo Co. (Inc.), (Novelties), Dept. H, Skillman av & Rawson
ROCHESTER—Brooks S. Furn. Co.
Fess Bros.
Michelsen George J. Furn. Co.
Miller Cabinet Co.
SALMANCA—Fancher Furn. Co.
Salamanca Furn. Works
Sterling Furn. Co.
SILVER CREEK—Montgomery H. J. Mfg. Co.
SYRACUSE—Brown Curtis & Brown
Butler Mfg. Co.
Stickley Mfg. Co. (Artistic)

NORTH CAROLINA.

ASHEVILLE—Smathers J. L. & Sons
BURLINGTON—Smith M. B.
Goldsboro Furn. Mfg. Co.
GREENSBORO—Sterling Furn. Co.
HIGH POINT—Continental Furn. Co.
Dalton Furn. Co.
Giant Furn. Co.
Globe Parlor Furn. Co.
High Point Furn. Co.
Kearns Furn. Co.
Marsh Furn. Co.
Southern Chair Co. (Chairs, Rockers)
Tate Furn. Co.
Union Furn. Co.
Welch Furn. Co.
Wrenn-Columbia Furn. Co.
RALEIGH—Royall & Borden Furn. Co.
STATESVILLE—Carolina Parlor Furn. Co.
Imperial Furn. Mfg. Co.
Statesville Furn. Co.
WINSTON-SALEM—Forsyth Chair Co.
Forsyth Dining Room Furn. Co.
Forsyth Furn. Co.
Forsyth Mfg. Co.
Huntley B. F. Furn. Co.

OHIO

ASHLAND—Fox Furn. Co.
CAMBRIDGE—Suitt Bros. Mfg. Co.
CHILLICLOTHE—Poston B. C. Mfg. Co.
CINCINNATI—Art Joinery Co., Dept. H, 13th & Clay
Ballman Cabinet Co., 314H Russell Cor.
Betts Street Furn. Co., 920H Betts
Cinti. Cabinet Co., 2264H Bogen
Closterman H., Dept. H, Atlas Bank bldg
Ficks Reed Co., Dept. H, 424 Findlay
Globe Wernicke Co., Dept. H, Carthage av
Henshaw G. & Sons Co., Elm, c. Dept. H
Hoffeld Henry Upholstering Co., Dept. H, Richmond & Car
Kaiper's Charles & Sons, 207H W Pearl
Kemper H. T. Estate, 922H Betts
Kreimer & Bro. Co., Dept. H, 9th, c. Carr
Loth C., 520H E Pearl
Meader Furn. Co., First Natl. Bank bldg
Mitchell, The, Robert Furn. Co., 624H Race
Onken Oscar & Co., Dept. H, 4th & Cutter
Renesch A. & Co. Wilstach, c. Dalton, Dept. H
Scheid Jos. Sons Co., 1908H Dunlop
Schirmer Furn. Co., 1911 Elm, Dept. H
Schmit Henry Furn. Co., Dept. H, 1073 Hopkins
Sextro Mfg. Co., 2126H Winchell av
Standard Furn. Co., Dept. H, 511 W 2nd
Steinman & Meyer Furn. Co., 1113H York
Stille & Suhlmeier, Dalton & Wade
Streit The C. F. Mfg. Co.
Worsel Frank B. Jr.
CLEVELAND—Bonhard Art Furn. Co., 2060H Euclid av
Kurtz Furn. & Mfg. Co., 2181 E 55th
Loeblein & Dietzel, 2811H Vermont av
Marble & Shattuch Chair Co., 96H Foster
McHugh P. A. Chair Co., Dept. H, 1892 W 3rd
Scheier D. L. Furn. Co., Dept. H, 2206 Superior av
DAYTON—Brown Furn. Co.
May Furn. Co.
Mutual Mfg. Co.
Ohmer's M. Sons Co.
HILLSBORO—Geyler Furn. Co.
Globe Chair Co.
LOGAN—Logan Mfg. Co.
Snider Mfg. Co.
MARIETTA—Marietta Chair Co.
MIAMISBURG—Burkhardt Furn. Co.
NEWARK—Newark Ohio Furn. Co.
NORWALK—Stewart George S. Co.
PIQUA—Cron & Co.
Crons-Kills Co.
PORTSMOUTH—Wait Furn. Co.
TOLEDO—Buckeye Furn. Co.
Hein Furn. Co. (Special)
Toledo Metal Furn. Co.
Toledo Parlor Furn. Co.
Yesbera Mfg. Co.
URBANA—Urbana Furn. Co.
WARREN—King Furn. Mfg. Co.
Western Reserve Furn. Co.

OKLAHOMA

CHICKASHA—Sigman Furn. Co.
OKLAHOMA—Bass Furn. & Carpet Co.
Oklahome Furn. Mfg. Co.
TULSA—Tulsa Cabinet Mfg. Co.

OREGON

ALBANY—Albany Furn. Co., Dept. H
PORTLAND—Chelalis Furn. Co. & Mfg. Co., Dept. H, 13th & Hoyt (Branch)
Doernbecher Mfg. Co., Dept. H, E 28th & O. W. tracks
Freeland Furn. Co., 970H Macadam
Portland Furn. Mfg. Co., 1249H Macadam road

PENNSYLVANIA

ALLENTOWN—Bear G. H. Furniture Co.
Buehler G. & Co.
Dorney C. A. Furn. Co.
Schneck E. J. & Sons
Yeager Furn. Co.
ATHENS—Athens Furn. Co.
BETHLEHEM—Kutz Bros.
Lattig & Shimer Co.
BROOKVILLE—Deemer A. D. Furn. Co.
CATASAUQUE—Kutz Furn. Co., Dept. H, Fullerton
CHAMBERSBURG—Sierer J. Sons
CORRY—Corry Fibre Furn. Co.
K. L. P. Furn. Co. Ltd.
HANOVER—Hanover Cabinet Co.
Long Furn. Co.
LEBANON—Lebanon Valley Furn. Co.
MUNCY—Muncy Furn. Co.
PHILADELPHIA—Becker David, 437H N American
Behrend Jacob, 122H Allen
Burt Bros., 2000H S 9th
Dougherty H. D. & Co. ("Faultless" Steel), 17th & Indiana
Gosnell W. H., 207H N 2nd
Karcher & Rehn Co., 1608H Chestnut
Knell W. W. & H. H., 229H S 5th
Knoell John & Sons, 179H Jefferson
Kraan H. Furn. Co., Dept. H, Master & 6th
Kramer Woodworking Co., Dept. H, 4th & Lehigh
Lincoln Furn. Co., Dept. H, 19th & Lehigh
McCracken J. S. & Co., 212H Church
Phoenix Metal Stamping Co. ("Sani-Can"), 2827H W Fletcher
Pooley Furn. Co., Indiana av & 17th
Rainey Joseph C., Dept. H, 230 S 2nd
Royal Upholstered Furn. Co., Dept. H, 137 N 2nd
Schwartz C. E., 231H S Amer.
Sikes Co., Dept. H, 23rd & Pasnyk
Siostrom J. E. Co., Dept. H, 1715 N 10th
Smith Geo. W. & Co., Dept. H, 49th & Botanic
PITTSBURGH—Half Fleix & Bro. (Who), Dept. H, Century bldg
Pickering M. H. Co., Dept. H, Penn & 10th
Spear & Co., Dept. H, 915 Penn av
Stevens Chair Co., 218H 3rd av
RED LION—Ebert Furn. Co.
Red Lion Cabinet Co.
Red Lion Furn. Co.
SCRANTON—Kaplan Morris Co.
Stark R. J.
Stoehr & Fister
Zimmer John
WARREN—Conewango Furn. Co.
Phenix Furn. Co.
WILLIAMSPORT—Culler Furn. Co.
Dittmar Furn. Co.
Heilman A. H. & Co.
Keystone Furn. Co., Dept. H
Rishel J. K. Furn. Co
Williamsport Furn. Co.
YORK—Home Furn. Co.

RHODE ISLAND.

PAWTUCKET—Jenks H. F. Co.

SOUTH DAKOTA.

SIOUX FALLS—Smith E. B. & Co.

TENNESSEE.

CHATTANOOGA—Celmons Bros.
Chattanooga Furn. Co.
Gottschalk & Co.
Sterchi Bros. & Fowler Furn.
HARRIMAN—Dame Furniture Co. (Bedroom & Dining Room)
JACKSON—Budde & Weis Mfg. Co.
KNOXVILLE—Hall W. L. Furn. Co.
Knoxville Table & Chair Co.
Schaad Mfg. Co.
MEMPHIS—King Hasse Furn. Co.
MEMPHIS—King Hasse Furn. Co.
Tenn Furn. Mfg. Co.
NASHVILLE—Bonner Furn. Co.
Standard Furn. Co.

TEXAS.

BEAUMONT—Phoenix Furn. Co.
BROWNWOOD—Empire Furn. Co. (Wholesale & Retail)
DALLAS—Olive & Meyers Mfg. Co.
ENNIS—Abrams Furniture Co., Dept. H
Allen & Kendall, Dept. H
FORT WORTH—Childress Furn. Co.
Ellison Furn. & Carpet Co.
Hub Furn. Co.
HOUSTON—Hudson E. A. Furn. Co.
Myers Spalti Mfg. Co.
Smith Ed. C. Furn. Co.
Waddell's House Furnishing Co.
PALESTINE—Bailey Furn. Co.
PARIS—Rodgers-Wade Furn. Co. (Who)
SAN ANTONIO—Stowers G. A. Furn. Co.
TEXARKANA—Southern Furn. Co.

VERMONT.

BENNINGTON—Cushman (H. T.) Mfg. Co.
BRATTLEBORO—White River Chain Co. (Rockers)

VIRGINIA.

CHASE CITY—Nicholson K. Furn. Co.
DANVILLE—Boatwright Furn. Co.
LYNCHBURG—Reams & Co.
MARTINSVILLE—Am. Furn. Co., Dept. H
RICHMOND—Amer. Furn. & Fixture Co., 2823H Lester
James River Furn. & Mattress Co., 312H Hull

WASHINGTON.

SEATTLE—Aseptic Furn. Mfg. Co., 131H 1st av S
Carman Mfg. Co., Dept. H, R. R. & Mass.
Davidson V. Furn. Co., 1114H 21st S
Rattan Furn. Co., Dept. H, 2648 15th
Seattle Furn. Mfg. Co., 902H 1st
TACOMA—Carman Mfg. Co.
Gregory Furn. Mfg. Co.
Harmon F. S. & Co.
Murphy Mfg. Co.
Washington Parlor Furn. Co.

WEST VIRGINIA.

CHARLESTON—Dawley Furn. Co.
HUNTINGTON—Empire Furn. Co.
Penn Table Co. (Dining Room Tables)
Nicholson Kendle Furn. Co.

WISCONSIN.

APPLETON—Brettschneider Furn. Co.
ATKINSON—Northwestern Mfg. Co. (Carriages & Wagons)
EAU CLAIRE—Phoenix Furn. Co.
Pioneer Furn. Co.
FOND DU LAC—Winnebago Furn. Mfg. Co.
JANESVILLE—Hanson Furn. Co.
KENOSHA—Simmons Co.
MILWAUKEE—Heyer Henry & Son
Matthews Bros. Furn. Co.
Milwaukee Parlor Frame Co.
Northwestern Furn. Co. (Store & Office)
Republic Furn. Co., Mfg.
Ritter Louis Mfg. Co.
OSHKOSH—Banderob Chase Mfg. Co.
Buckstaff Co. (Chairs & Caskets)

FURNITURE (HOUSEHOLD)—continued
WISCONSIN—continued
RACINE—Art. Furn. Co.
Gold Medal Camp Furn. Co. (Lawn & Porch Folding)
SHEBOYGAN—Am. Parlor Frame Co., Dept. H
Art. Furn. Co.
Dillingham Mfg. Co.
Northern Furn. Co.
Northfield Co.
Sheboygan Chair Co.
Sheboygan Upholstering Co.
TWO RIVERS—Eggers F. Veneer Seating Co.

5146—Furniture (Knocked Down)

Bockstege Furniture Co. (Tables, etc), Evansville, Ind.
Cron L. C. & W. L. Co., Piqua, O.
Humphrey-Widman Bookcase Co. (Bookcases), Kirby & 14th Detroit, Mich.
Imperial Furniture Co. (Tables, etc), Grand Rapids, Mich.

5147—Furniture (Lawn & Porch)

See also Settees & Chairs, Lawn

Appleton Toy & Furniture Co. ("Appleton" Porch Furniture), Appleton, Wis.
Crocker Chair Co. (Porch Chairs & Settees), Sheboygan, Wis.
Dufur & Co. (Wire), 311 N Howard, Baltimore, Md.
Fall Creek Mfg. Co., Mooresville, Ind.
Fortier Theo. (Stone Lawn Vases), 1971 B'way, Brooklyn, N. Y.
Gendron Wheel Co. (Porch), Toledo, O.
Goshen Mfg. Co., Goshen, Ind.
North Shore Ferneries Co., Beverly, Mass.
Pratt Mfg. Co., Coldwater, Mich.
Southern Chair Co. (Porch), High Point, N. C.
Steinfeld Bros. (Hardwood), 116 W 32d, New York
Sun Mfg. Co. (Also Camp), Columbus, O.
Wis Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

5148— Furniture (Metallic)

See also Bank & Office Fixtures, Metallic

Andrews A. H. Co. (Chairs, Stools, Tables, etc), 107 S Wabash av, Chicago, Ill.
Art Metal Construction Co. ("Art Metal" Office, Pantry, Chiffoniers, Bureaus, Sideboards), Jamestown, N. Y.
Art Metal Products Co., 514 S Green, Chicago, Ill.
Bernstein Mfg. Co., 3d & Alleghany, Phila., Pa.
Budde & Weis Mfg. Co., Jackson, Tenn.
Canton Art Metal Co., Canton, O.
Celina Specialty Co. (Chairs, Stools, Tables, etc), Celina, O.
Chicago Wire Chair Co. (Wire or Metal **Chairs, Tables, Stools, etc), 619 N La** Salle av, Chicago, Ill.
Cleveland Metalcraft Co., E 71st & Belt Line, Cleveland, O.
Dexter Metal Mfg. Co. (Office, etc), 93 Arch, Camden, N. J.
Edwards O. M. Co., Inc. ("Edwards" Steel), Syracuse, N. Y.
Fielder & Allen Co. (Jobbers), Dept. H, Atlanta, Ga.
Fireproof Furniture & Constr. Co., Miamisburg, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
See adv on page 539
Jamestown Metal Desk Co. (Office Desks), Dept. H, Jamestown, N. Y.
Library Bureau, 43 Federal, Boston, Mass.
Metal Office Furniture Co. (Office), Grand Rapids, Mich.
National Safe & Lock Co. (For Express Companies), 2341 E 69th, Cleveland, Ohio
Penn Construction Co., Marietta, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.
Royal Metal Mfg. Co. (Weatherproof Chairs, Tables, Stools, etc), 2318 S Western av, Chicago, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steel Fixture Mfg. Co., Topeka, Kan.
Steel Furniture Co., Grand Rapids, Mich.
Toledo Metal Furniture Co. ("Uhl" Art Steel, for Office Equipment, etc), Toledo, O.
Universal Steel Cabinet Co., 2026 Pacific, B'klyn, N. Y.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Watson Mfg. Co. (Steel), Dept. H., Jamestown, N. Y.
Yesbera Mfg. Co. (Tables, Chairs & Stools for Stores), Toledo, O.

5148a— Furniture Novelties

See Also Desk Mfrs., Filing Cabinets and Devices, Bank and Office Fixtures

Art Lamp Mfg. Co. (Wrought Iron Console Tables, etc.), 521 S Wabash, Chicago, Ill.
Behrend Jacob, 118 Allen, Phila., Pa.
Browne Morse Co., Muskegon, Mich.
CORBURN TROLLEY TRACK MFG. CO., P. O. Box 127, Holyoke, Mass.
Dietzgen Eugene Co. (Draughting Room), 166 W Monroe, Chicago, Ill.
White River Chair Co., Brattleboro, Vt.

5149—Furniture (Post Office)

See also Bank & Office Fixtures, Metallic

Art Metal Construction Co., Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Equipment Co., Carlisle, Pa.
Keyless Lock Co., Indianapolis, Ind.
Nedrow Mfg. Co., Caledonia, N. Y.
Standard Mfg. Co., Appleton, Wis.
Wollaeger Mfg. Co., 23 Juneau av, Milwaukee, Wis.

Furniture (Printers' Wood)

See Printers' Wood Furniture

5150—Furniture (Rattan & Reed)

Bailie Basket Co., 82 Sudbury, Boston, Mass.
Bilt Rite Baby Carriage Co. (Reed), 40 Stockton, B'klyn, N. Y.
Bishop & Dickinson, Baldwinsville, Mass.
Bombayreed Willow Furniture Co. (Reed), 5155 Wakefield, Phila., Pa.
Burdett Chair Mfg. Co., Keene, N. H.
Burrowes E. T. Co. ("Luxfibre"), Portland, Me.
Capital Rattan Co., Indianapolis, Ind.
Carriage & Toy Co. (Chairs & Tables), 741 W Lombard, Baltimore, Md.
Chicago Reed Ware Co. (Reed), 1523 Carrol av, Chicago, Ill.
Dickerman J. A., Gardner, Mass.
Ehlers Robt. J. Co., 110 W 40th, New York
Ficks Reed Co., 424 Findlay, Cincinnati, O.
Gendron Wheel Co., Toledo, O.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jansen Ed., 110 W 18th, New York
Jenkins-Phipps Co., Wakefield, Mass.
Kelly Bros., Gardner, Mass.
Kurtz N. M. Rattan Co., 155 Valencia, San Francisco, Cal.
Lattimer W. H. & Sons (Reed), Orwell, N. Y.
Mays Rattan Works, 3347 N Clark, Chicago, Ill.
Minneapolis Baby Carriage Co., 506 11th, Minneapolis, Minn.
New England Reed Co., 11a Green, Boston, Mass.
Rich Bros., 7 E Pratt, Baltimore, Md.
Ryan Rattan Chair Co., Grand Rapids, Mich.
Theise Fred. Mfg. Co., 176 Commercial, Boston, Mass.
Virgin J. M. & Son, Saco, Me.
Whitney Reed Corp., Leominster, Mass.
Withrow Mfg. Co., 2227 Spring Grove av, Cincinnati, Ohio
Ypsilanti Reed Furniture Co. (Reed), Ionia, Mich.

5151— Furniture (School)

Allen-Blaisdell Co. (Portable Wood Folding), 12 Pearl, Boston, Mass.
Allen Chair Co. (Settees, Folding Chairs, etc), Concord Junction, Mass.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Seating Co. (Automatic Desks, Seats, etc), 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Beckley-Cardy Co., 312 W Randolph, Chicago, Ill.
Caxton School Supply Co., 560 W Monroe, Chicago Ill.
Chicago Missouri Furniture Co., 1919 Clybourn av, Chicago, Ill.
Cleveland Seating Co., Rose bldg, Cleveland, O.
Columbia School Supply Co., Indianapolis, Ind.
Grand Rapids School Equipment Co. (Manual Training Equipment), Grand Rapids, Mich.
Haney School Furniture Co., Grand Rapids, Mich.
Harwood's H. J. Sons (Hall & Tablet Arm Chairs), 107 Friend, Boston, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Illinois Refrigerator Co., Morrison, Ill.
Illinois School Furniture Co. (Pupils & Teachers' Desks, Bookcases & Map Cases), Rockford, Ill.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Langslow, Fowler Co., Rochester, N. Y.
Lattig-Shimer Mfg. Co. (Movable School Desks), Bethlehem, Pa.
Manitowoc Church Furniture Co., Waukesha, Wis.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Moore Mfg. Co., Springfield, Mo.
Murray L. A. & Co., Kilbourn, Wis.
N. J. School & Church Furniture Co., Trenton, N. J.
Peabody School Furniture Co., N Manchester, Ind.
Peter & Volz Co., Arlington Heights, Ill.
Readsboro Chair Co., Readsboro, Vt.
Richmond School Furniture Co., Muncie, Ind.
Rowles E. W. A. Co., 2345 S La Salle, Chicago, Ill.
Sherwood Co., 1856 W 14th, Chicago, Ill.
Southern Desk Co., Hickory, N. C.
Stafford E. H. Mfg. Co., 218 So Wabash av, Chicago, Ill.
Standard Mfg. Co., Appleton, Wis.
Superior Seating Co., Muskegon, Mich.
Weber C. F. & Co., 985H Market, San Francisco, Cal.
Winnebago Furniture Mfg. Co., Fond du Lac, Wis.
Woodruff & Edwards Co. (Desks, etc), Elgin, Ill.

5151a—*Furniture Upholstery Materials

Chase L. C. Co. ("Leatherwove" & "Velmo" Fabrics), 89 Franklin, Boston, Mass. *See adv index at end of book*



5152— Furniture (Willow)

Bombayreed Willow Furniture Co., 5155 Wakefield, Phila., Pa.
Boston Willow & Willowcraft Shops, Cambridge, Mass.
Burrowes E. T. Co. ("Luxfibre"), Portland, Me.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Grand Rapids Fibre Furn Co., Grand Rapids, Mich.
Greenspan Wolf & Sons ("Qualityware"), 686 Grand, B'klyn, N. Y.
Jenkins-Phipps Co., Wakefield, Mass.
Klauenerg Hugo, Berkeley, Cal.
Pahlow Reed & Willow Mfg. Co., 132 W. 27th, New York
Rattan Mfg. Co. (Tables & Settees), New Haven, Conn.
Willow Furniture Co., 625 W 42d, New York

5153—Furring & Lathing (Iron)

Berger Mfg. Co. ("Pronglock" Furring), Canton, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Dennis J. B., Monadnock bldg, San Francisco, Cal.
GENERAL FIREPROOFING CO. (Steel), Youngstown, O.
See adv index at end of book
Goldsmith Metal Lath Co. ("Shurbond"), 53 Central av, Cincinnati, O.
Igoe Brothers (Channels, Bars, Angles & Flats), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Voss Fred'k, 552 W Monroe av, Chicago, Ill.

5154-5— Fuse Links.

Appleton Electric Co. (Open), Wellington & Paulina, Chicago, Ill.
Bussmann Mfg. Co. (Open), 3819H N 23rd, St. Louis, Mo.
Condit Electrical Mfg Co. ("Shawmut"), 1st & L, Boston, Mass.
ECONOMY FUSE & MFG. CO. (Economy "Drop Out"), Greenview av, at Diversey Parkway, Chicago, Ill.
See adv index at end of book
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Richards-Wilcox Mfg. Co. **("Richards"** Fire Door), Aurora, Ill.
Underwriters, Hatch Door Co. (For Fire Doors), 1741 Walnut, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Fuse (Railway Signal)

See Torpedoes & Fuses, Railway Signal

5156— Fuse (Safety)

Atlas Powder Co., 140 N Broad, Phila., Pa.
Hercules Powder Co., Wilmington, Del.
Giant Powder Co. Cons., San Francisco, Cal.

5156a— Fuse Wire

See also Fuses, Enclosed, Indicating; also Fuses, Miscellaneous, Electric

CHICAGO FUSE MFG. CO., Lafiin & 15th, Chicago, Ill. *See adv index at end of book*
ECONOMY FUSE & MFG. CO., Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Killark Elec. Mfg. Co., 3940 Easton av, St. Louis, Mo.

5156b— *Fuselages

Empire Art Metal Co., Inc., The, College Point, L. I., N. Y.

5157—Fuses (Enclosed, Indicating)

Bryant Electric Co. (Electric), Bridgeport, Conn.
CHICAGO FUSE MFG. CO. ("Union"), Lafiin & 15th, Chicago, Ill.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co. ("N-W," Renewable & Standard), Atlantic av & Chestnut, Brooklyn, N.Y.
Commercial Enclosed Fuse Co., Hoboken, N. J.

Conduit Electrical Mfg. Co. ("Shawmut"), (Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Conn. Elec. Mfg. Co., Bridgeport, Conn.
D & W Fuse Co. ("D & W" Cartridge or Plug Type), Hathaway, Providence, R. I.
DELTA-STAR ELECTRIC CO. ("S. & C." Tigh Tension, Carbon Tetrachloride, for All Voltages), 2437 Fulton, Chicago, Ill.
Detroit Fuse & Mfg. Co. ("Arkless"), 1400 Rivard, Detroit, Mich.
ECONOMY FUSE & MFG. CO. ("Economy," "Arkless" Renewable Cartridge Fuse), Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Federal Sign System (Renewable), 8700H S State, Chicago, Ill.
GENERAL ELECTRIC CO. (Renewable, Plug, Link, Glass & Tube, Schenectady, N. Y. *See adv index at end of book*
Great Western Re-Fillable Fuse Co., 326 3d, Pittsburgh, Pa.
Harvard Elec. Co., 525 W Van Buren, Chicago, Ill.
Johns-Manville Inc. ("Noark"), Madison av & 41st, New York
Johns-Pratt Co., The ("Noark"), Hartford, Conn
Killark Elec. Mfg. Co., 3940 Easton av, St. Louis, Mo.
Kirkman Engng. Corp. ("K. E."), 484 Broome, New York
Marsh & Lippincott, 47 Kearny, San Francisco, Cal.
Metropolitan Engrg. Co.,1250 Atlantiv av, B'klyn. N. Y.
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Oettinger, F. W. Corp, 70 E 45th, New York
Pacific Elec. Mfg. Co., 827 Folsom, San Francisco, Cal.
Railway & Industrial Engrg. Co., Peoples Bk. bldg, Pittsburgh, Pa.
Schweitzer & Conrad, 4431 Ravenswood av, Chicago, Ill.
Snow E. W. & Co., Rochester, N. Y.
Star Fuse Co., 290 Church, New York
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5158—Fuses (Miscellaneous, Electric)

Ajax Electric Co., 56 Baldwin av, Jersey City, N. J.
Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co. ("Pyrotite"), Bridgeport, Conn.
Bussmann Mfg. Co. (Auto), 3819H N 23rd, St. Louis, Mo.
Central Telephone & Elec. Co. ("Gilgen"), 310 N 11th, St. Louis, Mo.
CHICAGO FUSE MFG CO. ("Union"), Lafiin & 15th, Chicago, Ill.
See adv index at end of book
Condit Electrical Mfg. Co., ("Shawmut" Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Detroit Fuse & Mfg. Co. ("Arkless"), 1400 Rivard, Detroit, Mich.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del *See adv index at end of book*
ECONOMY FUSE & MFG. CO. ("Economy" & "Arkless"), Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book
Electric Engineers Equipment Co. (High Voltage), 711 Meridian, Chicago, Ill.
Electric Sales Co., 67 E Gay, Columbus, Ohio
Faw J H., Inc. (Auto "Fawsco"), 27 Warren, New York
Freeman E. H. Electric Co., Trenton, N. J.
Hartwig Wm. J. Co., 205 E Jefferson, Detroit, Mich.
Harvard Electric Co. ("Standard," "Greer"), 525 W Van Buren, Chicago, Ill.
Helio Mfg. Co., 2530 N Broad, Phila., Pa.
Johns-Pratt Co., The ("Noark"), Hartford, Conn.
Kirkman Engng. Corp. ("K. E."), 484 Broome, New York
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Line Material Co. (Inside, Primary & Secondary), South Milwaukee, Wis.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Metropolitan Engrg Co. (Open Link), 1250 Atlantic av, B'klyn, N. Y.
McIntire C. Co., 35 Vesey, Newark, N. J.
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
Paiste H. T. Co., ("H. & L."), 3201 Arch, Phila., Pa.
Schutz Mfg. Co. (Open Link), 3225 Ravenswood av), Chicago, Ill.
Schweitzer & Conrad, Inc. (High Potential), 4431 Ravenswood av, Chicago, Ill.
Sears Henry D. ("Weber" Plug), 80 Boylston, Boston, Mass.
Snow E. W. & Co., Rochester, N. Y.
Walker Elec Co. (Open Link), 2337 Callowhill, Phila, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

5158a—Fuses (Non-Renewable)

Bussman Mfg. Co. (Cartridge), 3819 N 23d, St. Louis, Mo.
ECONOMY FUSE & MFG. CO. ("Economy"), Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book

5158b—Fuses (Plug Renewable)

Bussman Mfg. Co., 3819H N 23rd, St. Louis, Mo.
ECONOMY FUSE & MFG. CO. ("Economy"), Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book

5159—Fuses (Refillable Cartridge)

Ackley Brake & Supply Corp. ("Monarch"), 50 Church, New York
Bussman Mfg. Co. ("Buss"), 3819H N 23rd, St. Louis, Mo.
Chicago Fuse Mfg. Co., Lafiin & 15th, Chicago, Ill. *See adv index at end of book*
Daum A. F. ("Daum"), 1157 Hodgkins, Pittsburgh, Pa.
ECONOMY FUSE & MFG. CO. ("Economy"), Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book
Johns Pratt Co. The ("Noark"), Dept. H, Hartford, Conn.
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Monarch Refillable Fuse Co., Dept. H, Jamestown, N. Y.
Moss-Schiery Mfg. Co., Inc., Majestic bldg, Detroit, Mich.

5159a— Fuses (Renewable)

Bussman Mfg. Co. (Cartridge), 3819H N 23rd, St. Louis, Mo.
Chicago Fuse Mfg. Co., 1014 W Congress, Chicago, Ill. *See adv index at end of book*
ECONOMY FUSE & MFG. CO., Greenview av at Diversey Parkway, Chicago, Ill.
See adv index at end of book
Efficiency Electric Co. (Plug), E Palestine, Ohio
Federal Sign System, 8700H S State, Chicago, Ill.
Johns-Manville Inc., Madison av & 41st, **New York**

ECONOMY RENEWABLE FUSES and "Drop Out"
Renewal Links cut annual fuse maintenance costs 80 per cent.
WRITE FOR CATALOG 57
ECONOMY FUSE & MFG. CO.
Greenview Ave., at Diversy Parkway CHICAGO, U.S.A.
Sole Manufacturers of "ARKLESS" Non-Renewable Indicating Fuses
ECONOMY FUSES ARE ALSO MADE IN CANADA AT MONTREAL

5160-1-2—Fuses (Telephone)

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook, Frank B. Co., 326 W Madison, Chicago, Ill.
Hall F. B. (Mica), Newton Falls, Ohio
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Western Electric Co., 463 West, New York

5163— Gadders

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

5164— Gaffs (Clincher)

Marble Arms & Mfg. Co. ("Marble" for Fish from ½ to 20 lbs), Gladstone, Mich.

Gages

See Gauges

5165— Gaggers

Calumet Steel Co. (Deformed Steel Bars), 208 S La Salle, Chicago, Ill.
CONCRETE STEEL CO., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Franklin Core Rod & Gagger Co. ("Franklin" Twisted Steel for Foundrymen), Franklin, Pa.
FISHEL & MARKS CO., ft of Krokow av, Cleveland, O. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O
Shanafelt Mfg. Co. (Twisted Steel), Dept. H, Canton, O.

5166— Gall Cure

Bickmore Gall Cure Co., Old Town, Me.

5167— Galleries (Riding)

See also Carousels, Organs, Etc
Herschell-Spillman Co., N Tonawanda, N. Y.
Parker C. W. ("Carry-US-All"), Leavenworth, Kans.

5168—Galvanized Ware Mfrs.

Boyle Mfg. Co. ("Boyco"), 5100H Santa Fe av, Los Angeles, Cal.
Central Stamping Co., 172 Fulton, New York
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Lisk Mfg. Co., Canandaigua, N. Y.
McLAUGHLIN CO., INC., Brockport, N. Y.
Threthaway Bros., Parsons, Pa.

5169—Galvanizing (Cold Process)

Chain Products Co., 3924 Cooper av, Cleveland, O.
Galvanizing Corp. of Am., Inc. ("Standard"), 252 Eagle, Brooklyn, N. Y.
Gray Iron Foundry Co., Reading, Pa.

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Kansas City Galvanizing & Mfg. Co., Park & Edgar av, Kansas City, Mo.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Two Rivers Plating Works, Two Rivers, Wis.
United States Electro Galvanizing Co. (Plants Installed), 36 Stockton, Brooklyn, N. Y.
Wilmington Electro Plating Co., Wilmington, Del.

5170—Galvanizing (Dry Process)

Globe Machine & Stamping Co. (Sherardizing), 1250 W 76th, Cleveland, O.

5171— Galvanizing (Electro)

Cheney S. & Son, Manlius, N. Y.
Consolidated Engineering Co., Jacksonville, Fla.
Fries A. G. Plating Co., 200 Terrace, Buffalo, N. Y.
Moyer-Shaw Mfg. Co., 234 E Hancock, Detroit, Mich.
Rattan Mfg. Co. (Custom), New Haven, Conn.
Rockford Bolt Co., 60 Mill, Chicago, Ill.
U. S. Hame Co., Buffalo, N. Y.

5172—Galvanizing (Hot Process)

Abendroth & Root Mfg. Co. (One Bath, 2 ft 6 in x 4 ft 0 in x 23 ft 0 in), Newburgh, N. Y.
See adv index at end of book
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Brooklyn Galvanizing & Mfg. Co., 120 Liberty, New York
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Galvanized Products Co., Phillipsburg, N. J.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hanlon-Gregory Galvanizing Co., 24th & A V R R, Pittsburgh, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
JERSEY CITY GALVANIZING CO., 74 Morgan, Jersey City, N. Y.
Kansas City Bolt & Nut Co. (1 Kettle 20 ft x 24", x 36" & 12½ ft x 30" x 36"), Kansas City, Mo.
McLAUGHLIN CO., INC., Brockport, N. Y.
Malleable Iron Fittings Co., Branford, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Galvanizing Co., 1918 Carroll av, Chicago, Ill.
Pittsburgh Galvanizing Co., 26th & R. R., Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Rogers Bros., Batavia, Ill.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First Natl. Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
Standard Galvanizing Co., 2619 W Vanburen, Chicago, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
Wilcox, Crittenden & Co., Inc., 444 S Main, Middletown, Conn.
See adv index at end of book

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Forgings; Machined if Desired
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444 So. Main St., Middletown, Conn.

5173—Galvanizing Plants (Complete)

AETNA FOUNDRY & MACHINE CO. (Sheet), Warren, O.
See adv index at end of book
CUTTER & WOOD SUPPLY CO. (Cold Process Jobbers), 274 Friend, Boston, Mass. *See adv index at end of book*
Meaker Co. ("Meaker" Process), 1249 Fulton, Chicago, Ill.
National Galvanizing & Plating Equipment Corp., 52 B'way, New York
Pittsburgh Electro Galvanizing Co., 3624 Smallman, Pittsburgh, Pa.
Wilfong Millard F., Iron Works Co., 52nd & Gray's av, Phila., Pa.

5174— Galvanizing Works

See also Tinning & Japanning

American Foundry & Mfg. Co., Frederick, Md.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Galvanizing Co., 3300 Grays Ferry av, Phila., Pa.
Angell Neil & Chaplet Co., 2657 E 79th, Cleveland, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Bird Wm. E., 17 Border, Boston, Mass.
Boston Galvanizing Works, 121 W 1st, Boston, Mass.
Buffalo Galvanizing & Tinning Works (Also Tinning), 49 Jackson, Buffalo, N. Y.
Buhl Stamping Co. (Also Tinning), Scotten & M. C. R. R., Detroit, Mich.
CATTIE JOSEPH P. & BROS., Gaul & Adams, Phila., Pa.
Central Stamping Co., 174 Fulton, New York
Chicago Hardware Foundry Co., N Chicago Ill.
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Coonley Mfg. Co., Cicero, Ill.
Cuyler & Mohler, 611 William, Baltimore, Md.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Detroit Range Boiler & Steel Barrel Co., 619 24th, Detroit, Mich.
Devlin Thos. Mfg. Co., 3rd & Lehigh av, Phila., Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Finn Jno. Metal Works, 384 2nd, San Francisco, Cal.
Florida Metal Products Co., Jacksonville, Fla.
Ford & Johnson Chair Co., 801 S Wabash, Chicago, Ill.
Fries A. G. Plating Co. (Electro Galvanizing), 200 Terrace, Buffalo, N. Y.
Galvanized Products Co., Phillipsburg, N. J.
Geuder Paeschke & Frey Co. (Hot Process), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gregory Thomas Galvanizing Works, 263 N Henry, Brooklyn, N. Y.
Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.
Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
J. C. H. Galvanizing Co., 1110 N Front, Phila., Pa.
JERSEY CITY GALVANIZING CO., 74 Morgan, Jersey City, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
K. C. Galvanizing & Mfg. Co., Kansas City, Mo.
KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lanz M. Bolt Co., 2807H Carson, Pittsburgh, Pa.
Laughlin Thos. Co., Portland, Me.
Lefferts' Galvanizing Works, 508 E 20th, New York
McLAUGHLIN CO., INC., Brockport, N. Y.
Malleable Iron Fittings Co., Branford, Conn.
Marine Hardware-Equipment Co. (To Order), South Portland, Me.
See adv index at end of book
Meaker Co., 1249 Fulton, Chicago, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Murphy P. H. Co., East St. Louis, Ill.
National Enameling & Stamping Co., 411 5th av, New York
National Galvanizing Co. (Hot Process), 1938 Carroll av, Chicago, Ill.
Neptune Hardware Mfg. Co., 29 Murray, New York
New England Bolt Co., Everett, Mass.
Palmer & De Mooy Foundry Co., 1658 Leonard, N W, Cleveland, O.
Pfeiffers John Plating Works, Syracuse, N. Y.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Pittsburgh Galvanizing Co., 26th & R. R., Pittsburgh, Pa.
Ritter-Conley Co. (All kinds), Oliver bldg, Pittsburgh, Pa.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Rochester Stamping Co., Rochester, N. Y.
Rogers Bros. Galvanizing Works, Rockford, Ill.
St. Louis Malleable Casting Co., 7700 N B'way, St. Louis, Mo.
San Francisco Galvanizing Wks., 1176 Harrison, San Francisco, Cal.
SCAIFE WM. B. & SONS CO., First Natl. Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Galvanizing Co. (Hot Process), 2619 W Vanburen, Chicago, Ill.
Standard Plating Works, York, Pa
Tower Mfg. Co., Madison, Ind.
United States Electro-Galvanizing Co., 36 Stockton, Brooklyn, N. Y.
Vail Galvanizing Plant, 211 Commercial, Boston, Mass.
Watrous Acme Mfg. Co., Des Moines, Ia.
White Mountain Freezer Co. (Also Tinning), Nashua, N. H.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc. (& Tinning), Middletown, Conn.
See adv index at end of book
Wilmington Electro Plating Co., Wilmington, Del.
Witt Cornice Co., 2118 Winchell av, Cincinnati, O.
Wrightsville Hardware Co. (Castings, etc), Wrightsville, Pa.

5175—Galvanizing & Tinning Plants (Wire Mill)

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Morgan Construction Co., Worcester, Mass.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

5176-7—Galvano-Bronze Work

Jackson Wm. H. Company, 2 W 47th, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

5178—Galvanometers & Bridges

Atlas Powder Co., 140 N Broad, Phila., Pa.
See adv index at end of book
Century Electrical Co., Syracuse, N. Y.
Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Explosives Div.), (Blasting Circuit Testers), Wilmington, Del.
See adv index at end of book
Foote, Pierson & Co. ("Delta"), 160 Duane, New York
Giant Powder Co. Cons., San Francisco, Cal. *See adv index at end of book*
Hercules Powder Co., Wilmington, Del.
Knott L. E. Apparatus Co. (D'arsonvol Type for Demonstration, also Individual), 79 Amherst, Cambridge, Mass.
Leeds & Northrup Co. ("Kelvin," "D'Arsonvall," Galvanometers & "Kohlrausch," "Carey-Foster," "Hoopes" Bridges), 4901 Stenton av, Phila., Pa.
Manufacturers & Inventors Electric Co., 29 Gold, New York
Pyrolectric Instrument Co., Trenton, N. J.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Reliance Instrument Co., 1313 Moorman, Chicago, Ill.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York
Thompson-Levering Co. ("Peerless"), 325 Arch, Phila., Pa.
Weston Electrical Instrument Co. (Galvanometers only), Waverly Park, Newark, N. J.

5179— Gambier

Androvette & Townsend (Cube & Common), 235 Water, New York
Bauer Philip Co., 25 W Broadway, New York
Bredt F. & Co., 240 Water, New York
See adv index at end of book
Carleton & Moffat (Imp), 80 Maiden la, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Whittemore-Wright Co. (Cube), Charlestown, Boston, Mass.
Worden Chemical Works (Imp), 4 Cedar, New York

5179a— Gambrels

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5180— Gambrels (Hog)

Piqua Handle & Mfg. Co, P. O. Box 307, Piqua, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5180a— Games (Wood)

Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5181-2— Gang Rippers

American Woodworking Machy Co., Rochester, N. Y.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Garland M. Co., Bay City, Mich.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.

5183— *Ganistor Stone

Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*

5184—Garages (Portable Fireproof)

Aladdin Co., Bay City, Mich.
Anchor Corrugating Construction Co., 140 Washington, New York
Ashley Steel Bldg. Co., Inc., 1790 B'way, New York
Baker W. J. Co., Newport, Ky.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Butler Mfg. Co. (Steel), Kansas City, Mo.
Candler Geo. V. Co., 1092 Jefferson av, Detroit, Mich.
Canton Metal Ceiling Co. ("Ready-Bilt"), Canton, O.
Case Mfg. Co., Jackson, Mich.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Dixie Culvert & Metal Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
East Birmingham Iron Roofing Co. (Also Knocked Down), H, Am. Trust bldg, Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
Holzer R. S. (Est of) (All Metal, Also Permanent Metal Buildings), New Orleans, La.
International Steel & Iron Co., Evansville, Ind.
Karr Portable House Co., 2554 W Irving Pk. blvd, Chicago, Ill.
MARTIN STEEL PRODUCTS CO. (Jiffy-Bilt" Steel), Mansfield, Ohio
Metal Shelter Co., S Wabasha, St. Paul, Minn.
Miller Mfg. Co., 8600H Alabama av, St. Louis, Mo.
Milwaukee Corrugating Co. ("Porto" Metal), Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Moore Mfg. Co., Waterloo, Ia.
North Dakota Metal Culvert Co., Fargo, N. D.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Pinyoun F. C. & Son, 2526 Carnegie av, Cleveland, O.
Priggen Geo. H. Co., 318 Dover, Boston, Mass.
Pruden C. D. Co. ("Prudential"), Dock & Warner, Baltimore, Md.
Ready Built Home Co., Mystic, Conn.
St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Taylor Mfg. Co., 219 Glenridge av, Montclair, N. J.
Togan Stiles, Grand Rapids, Mich.
Truscon Steel Co., Youngstown, Ohio

5185—Garbage Burners (Water Heating)

Andrews Heating Co., Minneapolis, Minn.
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Brennan Jno. & Co., Dept. H, 24th & M. C. R. R., Detroit, Mich.
Garrett W. D. & Co., 126 Liberty, New York
Herbert Boiler Co., 140 Root, Chicago, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
Kewanee Boiler Co. ("Kewanee"), Kewanee, Ill.
Prox Frank Co., Terre Haute, Ind.
Toledo Incinerator Co., Toledo, O.

5186—Garbage Disposal Plants

See also Sewage Disposal Plants; also Burners—Refuse
American Reduction Co., 1942 Forbes, Pittsburgh, Pa.
Atkinson-Morse Destructor Co., 71 8th av, New York
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Buffalo Co-operative Stove Co. ("Isolator"), Buffalo, N. Y.
Buffalo Engine Co. (Machinery for), Buffalo, N. Y.
Chicago Incinerator Co., 320 E No. Water, Chicago, Ill.
Cragin M. J. (Combined Garbage Crematory & Hot Water Heater), 746 E 43d, Chicago, Ill.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Decari Incinerator Co., McKnight bldg, Minneapolis, Minn.
Domestic Laundry Equipment Corp. (Household Purposes), 224 W 26th, New York
Guardian Gas Appliance Co. ("Economy"), 3409 Superior, Cleveland, O.
Harris Municipal Garbage Incinerator & Steam Generator Co. ("Harris"), Nashville, Tenn.
Jarvis Engng. Co., 261 Franklin, Boston, Wash.
Kerner Incinerator Co. ("Kerner" Incinerator for Residences), 596 Clinton, Milwaukee, Wis.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McCall Incinerator Co., Memphis, Tenn.
McInnes Chas. E. & Co., Mariner & Merchants' bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Morse-Boulger Destructor Co., 39 Cortlandt, New York
Nightingale Co. ("Ricketts" Incinerators), 103 Park av, New York
Odorless Construction Co., 130 Park av, New York
Penna. Construction Co., Marietta, Pa.
Pittsburgh Incinerator Mfg. Co., 231 First av, Pittsburgh, Pa.
Prescott J. B. & Son ("Pyrofuse"), Webster, Mass.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Sanitary Appliance Co., 39 Cortlandt, New York
Stearns E. C. & Co. ("Incinerite," "Portable & Wall), 450 Oneida, Syracuse, N. Y.
Toledo Incinerator Co., Toledo, O.

Gas Acetylene

See Acetylene

5187—Gas Analysis Apparatus

American Meter Co., 3112 N 17th, Phila., Pa.
Bachrach Industrial Instrument Co., H, Murtland & Bennett, Pittsburgh, Pa.
Bausch & Lomb Optical Co., Rochester, N. Y.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Eimer & Amand ("Orsat," "Hempel," "Pettersen" & "Palmquist"), 205 3d av, New York
ELECTROLABS CO., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Greiner Emil Co. ("Orsat," "Hempel's"), 55 Fulton, New York
Griffin John J. & Co., 1513 Race, Phila., Pa.
Hays Jos. W. Corp, ("Hays"), Michigan City, Ind.
Huyette Paul B. Co. (Flue), 5H S 18th, Phila., Pa.
Mono Corp. of America ("Mono"), 25H W B'way, New York
Pierce Wm. B. Co., 40 N Division, Buffalo, N. Y.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Sargent E. H. & Co. ("Morehead's Gas-Burette & "Wm. Brady's" Gas Filter), 166 E Superior, Chicago, Ill.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Siebe Gorman & Co. Ltd., Monadnock bldg, Chicago, Ill.
Uehling Instrument Co. ("Uehling"), 71 B'way, New York
VULCAN FUEL ECONOMY CO., 828 B Transportation bldg, Chicago, Ill.

5188—Gas Apparatus for Fuel & Illuminating Gas

Anthony Co., 138 West av, Long Island City, N. Y.
Braun-Knecht-Heimann Co. (Referee), 576-584 Mission, San Francisco, Cal.
Gas Engineering Co., Trenton, N. J.
Huyette Paul B. Co. (Flue Gas Collector), 5H S 18th, Phila., Pa.
Wagner Bros. Co., 763 N Water, Milwaukee, Wis.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

5189— Gas Bags (Rubber)

Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Mattson Rubber Co., Lodi, N. J.
Miller Rubber Co., Akron, O.
Parker-Stearns & Co. ("Alpha" Gas, Ice, etc), 236 Sheffield av, Brooklyn, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co. (Ice, Gas, Syringe, Water, etc), Andover, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Gas Burners

See Burners, Acetylene Gas

5190— Gas (Carbonic Acid)

Bronx Carbonate Co., 934 E 165th, New York
Chicago Carbonic Gas Co., 904 W Superior, Chicago, Ill.
Clarke Chemical Co., Wickliffe, O.
Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.
General Carbonic Co., Bridge, Albany, N. Y.
Liquid Carbonic Co. ("Red Diamond"), 3100 S Kedzie av, Chicago, Ill.
Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.
Nebraska Carbonic Acid Gas Co., Omaha, Neb.
N. Y. Carbonate Co., 1401 Park av, New York
Ohio Chemical & Mfg. Co., 1177 Marquette, Cleveland, O.
Pacific Carbonic Gas Co., ft 6th av, Oakland, Cal.
Pure Carbonic Co., 2008 S Canal, Chicago, Ill.
Schneible C. A., Esq., 132 E 121st, New York
Western Carbonic Gas Co., Agnew, Cal.
Western Chemical Mfg. Co. (Liquid), Denver, Colo.

5191— Gas Composimeters

Uehling Instrument Co. ("Uehling"), 71 B'way, New York

5191a—Gas Cylinders (Seamless)

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

Gas Fixtures

See Electric & Gas Light Fixture Manufacturers

5192—Gas Fixtures (Acetylene)

Davis Acetylene Co., Elkhart, Ind.

5193—Gas Fixtures (Wrought Iron)

Bradley & Hubbard Mfg. Co., Meriden, Conn.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Haack Louis, 619 10th av, New York
Henry-Bonnard Bronze Co., 20 Exchange pl, New York

5194— *Gas Flow Meters

GENERAL ELECTRIC CO., Schenectady.
See adv index at end of book

5195-6— Gas Holders

Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Camden Iron Wks., Camden, N. J.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Cruse-Kemper Co., Ambler, Pa.
Davis & Farnum Mfg. Co., Waltham, Mass.
Delly & Fowler Mfg. Co., 39 Laurel, Phila., Pa.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Gas Engineering Co., Trenton, N. J.
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago, Ill.
Heilman Boiler Works, Allentown, Pa.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Tippett & Wood, Phillipsburg, N. J.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

5197— Gas (Hydro-Carbon)

Carbon-Hydrogen Co., of America, Benedum-Trees bldg, Pittsburgh, Pa.

Gas (Oxygen)

See Oxygen

Gas Plants Installed

See Gas Works Apparatus & Construction

Gas Portables

See Electric & Gas Light Portables

5198— Gas Producers

Akerlund & Semmes, Inc., 17 Battery pl., New York
Amsler Morton Co. ("Amsler" Power or Hand Operated), Hoboken, Pa.
Backus Water Motor Co. (Suction), 173 Penna. av, Newark, N. J.
Camden Iron Wks., Camden, N. J.
Ceramic Supply & Construction Co. ("Richardson"), Columbus, O.
Chapman Engineering Co. ("Chapman" Rotary), Mt. Vernon, O.
Clarion Gas Co., Oil City, Pa.
Climax Machine & Burner Co., 133 3rd av, Newark, N. J.
Coatesville Boiler Wks., Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dixon H. L. Co., Rosslyn rd, Carnegie, Pa.
Downingtown Iron Works, East Downingtown, Pa.
Duff Patents Co. ("Duff" & "Bradley" Patents), Frick bldg, Pittsburgh, Pa.
FLINN & DREFFEIN CO. (Producer Gas Plants for Fuel & Power), 431 S Dearborn, Chicago, Ill.
See adv index at end of book
Foos Gas Engine Co., 300 Monroe, Springfield, O.
Gas Engineering Co., Trenton, N. J.
Gas Machinery Co. (Bituminous & Non-Bituminous Coal), 1900 Euclid av, Cleveland, O.
Holcroft & Co., Book bldg, Detroit, Mich.
Hettinger Engine Co., Bridgeton, N. J.
International Clay Machy. Co., Dayton, O.
Kemp C. M. Mfg. Co. ("Twentieth Century," "Climax," "Kemp System," Naphtha Gas Producer for Fuel), 405 E Oliver, Baltimore, Md.

GAS PRODUCERS—continued
Koppers Co., Union Arcade, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lebanon Boiler Works, Lebanon, Pa.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Milwaukee Reliance Boiler Works, 1102 32nd, Milwaukee, Wis.
Morgan Construction Co. ("Morgan Producers Gas Machine"), **Worcester, Mass.**
Munroe R. & Sons Mfg. Corp. (Producers Gas Pipe), **23d & Smallman, Pittsburgh, Pa.**
Nelson Blower & Furnace Co. (Stationary & Marine), Elkins, Boston, Mass.
Pennsylvania Gas Co., Oil City, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Smith Gas Engineering Co. ("Smith"), Dayton, Ohio
Southern Calif. Gas Co., 740H S B'way, Los Angeles, Cal.
Standard Gas Power Co., 17 Battery pl., New York
Steare Engineering Co., 7342 Woodward, Detroit, Mich.
Swindell Wm. & Bros. ("Swindell," for Steel & Iron Works), **Jenkins Arcade** bldg, Pittsburgh, Pa.
Syracuse Industrial Gas Co. (For Anthracite Coal, Complete Plants for Lighting & Pumping, also for Annealing, Tempering, etc), Syracuse, N. Y.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book
United Natural Gas Co., Oil City, Pa.
WELLMAN - SEAVER - MORGAN CO. ("Hughes" Mechanical & Hand Poked, Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., (For Power Plants), East Pittsburgh, Pa. *See adv index at end of book*
Wood R. D. & Co. ("Wood," also Plants for Operating Gas Engines), 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp. for Power Plants & Gas Engines), 115 B'way, New York
See adv index at end of book

5199—Gas Producers (Water Seal)

Amsler Morton Co., Hoboken, Pa.
Chapman Engineering Co., Mt. Vernon, O.
Duff Patent Co., Frick bldg, Pittsburgh, Pa.
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill.
See adv index at end of book
International Clay Machy. Co., Dayton, O.
Laughlin Alex. & Co., Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Morgan Construction Co., Worcester, Mass.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., ("Hughes" Mechanical), Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wood R. D. & Co. ("Taylor" & "Mond"), 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp. 115 B'way, New York
See adv index at end of book

5200—Gas Washer, Boiler & Burner (Combined)

Weimer Machine Works Co., Lebanon, Pa.

5201—Gas Works Apparatus & Construction

See also Benches, Gas Retort; also Retorts, Gas

American Gas Construction Co., Newtown, Iowa
Barlett Hayward Co. (Coal & Water Gas), Scott & McHenry, Baltimore, Md.
Coleman Lamp Co. (Cooking & Lighting Plants), Dept. H, Wichita, Kans.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Gas Engineering Co., Trenton, N. J.
Gas Machy Co. ("Gasmaco"), **1900 Euclid** av, Cleveland, O.
Improved Equipment Co., **60 Wall. New** York
Isbell-Porter Co., **46 Bridge, Newark, N. J.**
Lloyd Construction Co., Detroit, Mich.
Phoenix Gas & Improvement Co. ("Janeway"), Harrison bldg, Phila., Pa.
Quintard Iron Works Co., **742 E 12th, New** York
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Stacey Mfg. Co., Big 4 R. R., Ownship av, Elmwood, Cincinnati, O.
Steere Engineering Co., 7342 Woodward, Detroit, Mich.
United Gas Improvement Co., Broad & Arch, Phila., Pa.
WESTERN GAS CONSTRUCTION CO. 1431 Buchanan, Fort Wayne, Ind.

Gas & Electric Light Fixture Mfrs.

See Electric & Gas Light Fixture Mfrs.

5202-3—Gas & Water Works Supplies.

See also Cast Iron Pipe Manufacturers, Gas & Water; also Valves, Gate for Water Mains
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Barnes Mfg. Co., Mansfield, O.
Behringer Edward A., 98 Park pl, New York
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbus Sucker Rod Co. (The), Columbus, O.
Cornell & Underhill, **Greenwich & Spring, New York**
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Drummond M. J. & Co., 51 Chambers, New York
Fitts Frank E. Mfg. Co. & Supply Co., 88 Purchase, Boston, Mass.
Fox Jno. & Co., 253 B'way, New York
Gilchrist Geo. E. Co., 106 High, Boston, Mass.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Miller Chas. & Son Co., Utica, N. Y.
Mosher Mfg. Co., Dallas, Tex.
Mueller H. Mfg. Co., Decatur, Ill.
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
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Simmons John Co., 110 Centre, New York
See adv index at end of book
Roots P. H. & F. M. Co., Connersville, Ind.
Tay George H. Co., 599 Mission, San Francisco, Cal.
Walworth Mfg. Co., Boston, Mass.

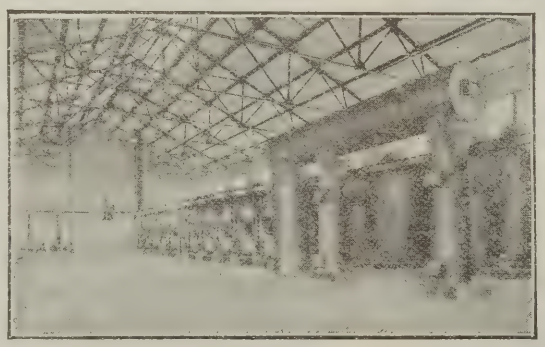
Gaskets (Aluminum)

See Gaskets, Metallic.

5204— Gaskets (Asbestos)

See also Gaskets, Corrugated Copper and Asbestos

For All Other Non-Metallic Gaskets, See Gaskets, Gum, Fibrous, etc.; also Fibre Manufacturers, Hard; also Packing Manufacturers; also Packing, Metallic
AKRON METALLIC GASKET CO., 142 N. Union, Akron, O.
See adv index at end of book
American Asbestos Co. (Metallic), Norristown, Pa.
American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Argus Asbestos Co., Inc., Port Chester, N. Y.
Asbestos Fibre Spinning Co. (All Kinds), North Wales, Pa.
Asbestos & Rubber Works of America ("Asbestolith"), 58th & B'way, New York
Asbestos & Rubber Works of N. J., Camden, N. J.
Asbestos Textile Co., 233 B'way, New York
BARWOOD L. J. MFG. CO. ("Barwood"), 80 Stoneham, Boston, Mass.
See adv index at end of book
Crandall Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Durabla Mfg. Co., 114 Liberty, New York
GASKET SUPPLY CO. ("Right" Asbestos Metallic-Mill Board & Compressed Sheet), 1927 Ludlow, Phila., Pa.
See adv index at end of book



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Gillen-Chambers Co., Portland, Ore.
Goetze Gasket & Packing Co. ("Goetzerit"), New Brunswick, N. J.
See adv index at end of book
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Horton F. L. Corp. ("Elektra"), 36 Whittier, Roxbury, Boston, Mass.
Janos Asbestos Co., 26 Cortlandt, New York
Johns Manville, Inc. (Also Rubber), Madison av & 41st, New York
Johns-Pratt Co., The ("Vulcabeston Rope" & "Vulcabeston Red Fibre" Asbestos Moulded), Hartford, Conn.
Keasbey & Mattison Co., Ambler, Pa.
Lindsley Henry A., 1610 W. 116th, Cleveland, O.
Metallo Gasket Co. ("Metallo"), New Brunswick, N. J.
Metric Packing Co., Inc., 244 Kensington av, Buffalo, N. Y.
See adv index at end of book

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Phoenisc Spec. Mfg. Co., 48 Duane, New York
Sall Mountain Co., 305 So. La Salle, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's Tissafine"), 292-294 Church, New York *See adv index at end of book*
U. S. Rubber Co., 1790 Broadway, New York
Vulcan Asbestos Mfg. Co., 95 Broad, New York
Watson H. F. Co. (Asbestos & Rubber Cloth, Metallic), Erie, Pa.
Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
See adv index at end of book
Wilcox E. A. Mfg. Co. (Boiler), 6330 Stony Island av, Chicago, Ill.
Wilder Mfg. Co., 17th & Clinton, St. Louis, Mo.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

5204a—*Gaskets (Asbestos, Copper Combination)

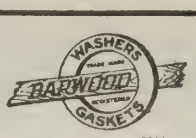
AKRON METALLIC GASKET CO. (for Cylinder Heads), 142 N. Union, Akron, O. *See adv index at end of book*
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Wilcox E. A. Mfg. Co., 6330 Stony Island av, Chicago, Ill.

Gaskets (Asbestos Metallic)

See Gaskets, Metallic, With the Words Asbestos-Metallic Following Their Name

5204b—*Gaskets (Automobile)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.



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Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.

Gaskets (Copper)

See Gaskets, Metallic

Gaskets (Corrugated Copper)

See Gaskets, Metallic

5204c—Gaskets (Corrugated Copper & Asbestos)

See also Gaskets (Asbestos)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Gasket Supply Co., 1927 Ludlow, Phila., Pa.
See adv index at end of book
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

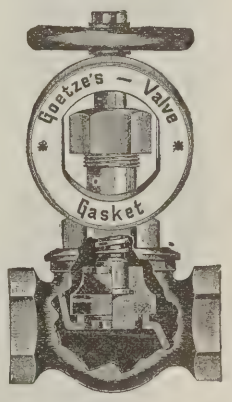


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5204d—*Gaskets (Corrugated & Plain)

See also Gaskets, Metallic

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*

GOETZE GASKET & PACKING CO., New Brunswick, N. J. *See adv index at end of book*

5204e— Gaskets (Felt)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass. *See adv index at end of book*

Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.

BRAWLEY T. R. (Plumbers, Automobile), 275 20th, Brooklyn, N. Y. *See adv index at end of book*

Goepel C. K. & Co., 137 E 13th, New York

Lyons Felt Co., 338 Myrtle av, Brooklyn, N. Y.

Star Felt Cutting Co. (Felt), 260 69th, Brooklyn, N. Y.

Western Felt Works, 4115 Ogden av, Chicago, Ill.

5205—Gaskets (Flexible Fibre)

AKRON METALLIC GASKET CO., 142 N. Union, Akron, O. *See adv index at end of book*

American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y. *See adv index at end of book*

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass. *See adv index at end of book*

Burgin & Co. ("Likehyde"), 487 B'way, New York

Delaware Hard Fibre Co. (Oil Proof), Wilmington, Del. *See adv index at end of book*

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid"), 154 Nassau, New York *See adv index at end of book*

GASKET SUPPLY CO. ("Right" Vello for Oil, Motor, Grease & Automobile use), 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*

National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

5205a—Gaskets (For Flanges, Valves & Fittings)

AKRON METALLIC GASKET CO., 142 N. Union, Akron, O. *See adv index at end of book*

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DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Old Dominion"), 154 Nassau, New York
See adv index at end of book

General Asbestos & Rubber Co., Charleston, S. C.

Goetze Gasket & Packing Co., New Brunswick, N. J.
See adv index at end of book

Guillot Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book

5206—Gaskets (Gauge Glass)

Anchor Packing Co. ("Brooks"), Lafayette bldg, Phila., Pa.

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

Gilbert & Co. ("Acme" Bulb), Hyattsville, Md.

Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.

U. S. Indestructible Gasket Co., Church & Fulton, New York.
See adv index at end of book

5207—Gaskets (Gum, Fibrous, Etc.)

See also Gaskets, Asbestos; also Gaskets, Metallic, Etc.

American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book

AKRON METALLIC GASKET CO. ("Akronite" Compressed Asbestos Sheet Packing Gaskets), 142 N Union, Akron, O. *See adv index at end of book*

Anchor Packing Co. ("Ankorite," "Taurli"), Lafayete bldg, Phila., Pa.

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham, 80, Boston, Mass.
See adv index at end of book

Bay State Belting Co. (Rubber), 349 Congress, Boston, Mass.

Bishop Gutta-Percha Co. (Gutta Percha), 420 E 25th, New York

Boston Belting Corp. (Rubber), 84 Linden Park, Boston, Mass.

Brandt Randolph (Combination Rubber & Heavy Duck, High Pressure), 70 Cortlandt, New York

Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book

Burgmann Feodor (Imp.), 26 Cortland, New York

Canfield H. O. Co. (Rubber), Bridgeport, Conn.

Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.

Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.

Dealers Steam Packing Co., Palmyra, N. Y.

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid"), "Dominion," "Sovereign"), 154 Nassau, New York
See adv index at end of book

Durabla Mfg. Co. ("Durabla"), 114 Liberty, New York

Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.

Essex Rubber Co., Trenton, N. J.

Federal Rubber Co., The (Rubber), Cudahy, Wis.

Garlock Packing Co., Palmyra, N. Y.

GASKET SUPPLY CO. ("Right" Red Sheet, Compressed Asbestos Cloth Inserted & Vello Fibre), 1927 Ludlow, Phila, Pa. *See adv index at end of book*

General Asbestos & Rubber Co. ("Ideal" Red), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetzerit"), New Brunswick, N. J.
See adv index at end of book

Goodrich B. F. Co. (Rubber), Akron, O.

Gutta Percha & Rubber Mfg. Co. ("Pyramid Brand Bluestone," "Red Jacket" Rubber), 126 Duane, New York

Hamilton Rubber Mfg. Co. (Rubber), Trenton, N. J.

Hewitt Rubber Co., Buffalo, N. Y.

Hodgman Rubber Co. (Rubber), 8 W 40th, New York

Hollow Center Packing Co. 608 S Dearborn, Chicago, Ill.

Home Rubber Co. (Rubber), Trenton, N. J.

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.

Jenkins Bros. ("Jenkins-96," "Jenarco," "Oiltite, Magnolia"), 80 White, New

Johnson H. Co. ("Johnson's" With Wire Insertion), ft. Gates av, Jersey City, N. J.

Knowlton Geo. W. Rubber Co. (Rubber), 60 Pearl, Boston, Mass.

Lindsley Henry A., 1610 W 116th, Cleveland, O.

Manhattan Rubber Mfg. Co. (Rubber), Passaic, N. J.

Mechanical Rubber Co. (Rubber), 73 Reade, New York

Mercer Rubber Co. (Rubber Cloth Insertion), Hamilton sq, N. J.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National India Rubber Co. (Rubber), Bristol, R. I.

New Jersey Car Spring & Rubber Co. (Rubber), 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. (Rubber), 91 Chambers, New York

New York Insulated Wire Co. (Lighting Non-Tubular Brand), 84 State, Boston, Mass.

Pennsylvania Rubber Co. (Wire Insertion, Cloth Insertion, Fibrous Tape, Tubular, Screen Diaphragm, etc.), Jeannette, Pa.

Quaker City Rubber Co. ("Regal," "Skihi" & "Ebonite"), 629 Market, Phila, Pa.

Republic Rubber Co. (Rubber), Youngstown, O.

Revere Rubber Co. (Cloth Insertion, Spliced or Moulded, etc), Chelsea, Mass.

Schacht Rubber Mfg. Co., Huntington, Ind.

Spanish-Amer. Cork & Spec Co., Westport, Baltimore, Md.

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

Strong Machinery & Supply Co. ("Strong's Tisafine"), 292-294 Church, New York York. *See adv index at end of book*

U.S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

United Globe & Rubber Co. (Rubber), Trenton, N. J.

U. S. Rubber Co., 1790 Broadway, New York

Victor Mfg. & Gasket Co., 5750 Roosevelt rd, Chicago, Ill.

Voorhees Rubber Mfg. Co. ("Nubian" Tubular Rubber), 18 Bostwick av., Jersey City, N. J.

Walsh Packing Co. (Combination), 304 New, Phila., Pa.

Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
See adv index at end of book

Western Rubber Co. (Rubber), Goshen, Ind.

Whitehead Bros. Rubber Co. (Rubber), Trenton, N. J.

Wilcox E. A. Mfg. Co. (Self Sealing), 6330 Stony Island av, Chicago, Ill.

5208— Gaskets (Hard Fibre)

See also Fibre, Hard

American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book

Continental Fibre Co., Newark, Del.
See adv index at end of book

DELAWARE HARD FIBRE CO. ("Egyptian"), Wilmington, Del.
See adv index at end of book

GASKETS (HARD FIBRE)—continued

Endura Mfg. Co. ("Endura" for Oil & Water), 63rd & Eastwick, Phila., Pa.
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book
Russell Specialty Mfg. Co., Lake & Sacramento, Chicago, Ill.
See adv index at end of book
Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.
Wilmington Fibre Specialty Co., Wilmington, Del.

5209— Gaskets (Lead)

See also Gaskets, Metallic

AKRON METALLIC GASKET CO. ("Akron" Corrugated & Plain, for Boiler Manholes, Ammonia Fittings, Acid, etc), 142 N Union, Akron, O.
See adv index at end of book
American Washer Wks., 426 & 428 Smith Brooklyn, N. Y.
See adv index at end of book
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
GASKET SUPPLY CO. ("Right" Corrugated & Plain for Manhole, Handle Hole, Ammonia Fillings, Acid, etc.), 1927 Ludlow, Phila, Pa.
See adv index at end of book
GOETZE GASKET & PACKING CO. ("Goetze"), New Brunswick, N. J.
Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book
Lindsley Henry A., 1610 W 116th, Cleveland, O.
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
Wilcox E. A. Mfg. Co. (Manhole), 6330 Stony Island av, Chicago, Ill.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

5210— Gaskets (Leather)

Adams C. F., P. O. Box 253H, Ft. Worth, Texas
American Washer Works, 178 Centre, New York *See adv index at end of book*
BARWOOD L. J. MFG. CO. ("Barwood") Stoneham, 80, Boston, Mass.
See adv index at end of book
Brawley T. R. (Rawhide, etc.), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Chicago Leather & Mercantile Co., 1843 W 14th, Chicago, Ill.
Detroit Leather Wks. ("Wear Well"), 683H E. Lafayette, Detroit, Mich.
wick, N. J. *See adv index at end of book*
Field, R. B. & Co. ("Fields"), Worcester, Mass.
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila, Pa.
See adv index at end of book
Goepel C. F. & Co., 137 E 13th, New York
Goetze Gasket & Packing Co., New Brunswick, N. J.
See adv index at end of book
Graton & Knight Mfg. Co., Worcester, Mass.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Keystone Solether Corp., 320 B'way, New York
Lindsley Henry A., 1610 W 116th, Cleveland, O.
National Leather Mfg. Co., Niles, Mich.
Rockford Leather Washer Co., Rockford, Ill.
Schieren Chas. A. Co., 30 Ferry, New York
Sovereign C. E. Co., Rockford, Ill.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

5211— Gaskets (Metallic)

For Rubber Gaskets, see Gaskets, Gum, Fibrous, etc; also Gaskets, Asbestos, etc; for Fibre Gaskets, see Fibre Manufacturers, Hard
AKRON METALLIC GASKET CO., ("Akron" Plain & Corrugated Copper, Copper-Asbestos Combination, "Akro-Metal" Gaskets for Superheat, also Gaskets of any Metal), 142 N Union, Akron, O.
See adv index at end of book
American Asbestos Co. (Asbestos Metallic, Rubbered & Gaskets Without Wire), Norristown, Pa.
American District Steam Co. (Corrugated Copper), No. Tonawanda, N. Y.
Argus Asbestos Co., Inc., Port Chester, N. Y.
Asbestos & Rubber Works of America ("Asbestos Metallic"), 58th & Broadway, New York
Asbestos & Rubber Works of N. J. (Asbestos, Copper), Camden, N. J.
Beaton & Cadwell Mfg. Co. (Corrugated Copper, Steel, Brass & Iron), New Britain, Conn.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Eureka Co. ("Eureka"), North East, Pa.
Faul & Timmins ("Asbesteel"), Buffalo, N. Y.
Fitzgerald Mfg. Co. (Asbestos, Copper), Torrington, Conn.
Flexitallic Gasket Co. ("Flexitallic"), Camden, N. J.
Franklin Mfg. Co., Franklin, Pa.
GASKET SUPPLY CO. ("Right," Plain or Corrugated Copper, Lead, Brass, Steel, Bronze, Asbestos, Metallic, & Combination of Copper & Asbestos), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Goetze Gasket & Packing Co. ("Goetze" Plain & Corrugated Copper, Brass, Monel, Steel, Aluminum & Pure Nickel & Phosphor Bronze), New Brunswick, N. J. *See adv index at end of book*
Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book

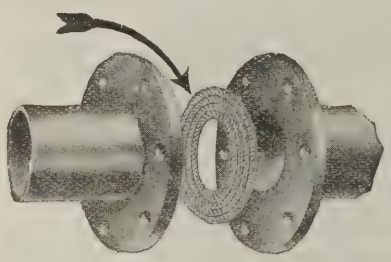
Established 1886 "Quality and Service"
Guillott Metal Gasket & Supply Co.
24-30 So. Clinton St. Chicago, Ill.
Copper, Lead and Combination Gaskets for all purposes. Engines, Boilers, Flange Fittings, Ice Machines, Pipe Lines and SPECIALTIES
We Are Specialists in Gaskets

Hill-Smith Metal Goods Co. (Copper), 82 Brookline av, Boston Mass.
Hollow Center Packing Co. (Asbestos-Metallic), 608 S Dearborn, Chicago, Ill.
Hussey C. G. & Co. (Copper), 2850 2d av, Pittsburgh, Pa.
Johns Manville, Inc. ("Asbestos" Metallic), Madison av & 41st, New York
McCord Mfg. Co. ("McKim" Copper-Asbestos, 2587 E. Grand blvd, Detroit, Mich.
Metallo Gasket Co. ("Bethamy"), New Brunswick, N. J.
Metric Packing Co. ("Metric"), 244 Kensington av, Buffalo, N. Y.
See adv index at end of book
Phoenix Specialty Mfg. Co., 48 Duane, New York
Simmons John Co., 110 Centre, New York
See adv index at end of book
Smooth-On Mfg. Co. (Corrugated Iron), 572 Communipaw av, Jersey City, N. J.
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
Taunton-New Bedford Copper Co. (Corrugated Copper), Taunton, Mass.

AKRON GASKETS

AKRON COPPER ASBESTOS RIBBED GASKETS

MADE OF HEAVY CORRUGATED COPPER WITH ASBESTOS CORDS IN THE CORRUGATIONS



"AKRO-METAL" GASKETS FOR SUPERHEATED STEAM GUARANTEED 5 YEARS

AKRON No. 27 GAUGE CORRUGATED COPPER GASKETS.

DUPLEX AKRON COPPER GASKETS—2 SOFT CORRUGATED GASKETS SPUN TOGETHER.

SUMMIT COPPER ASBESTOS FILLED GASKETS.

We make 12 different types of Flange Gaskets. Also Copper Asbestos Gaskets for Cylinder Heads and Akron Steel Asbestos Gaskets for Boiler Tube Caps. USE AKRON GASKETS, they are better.

SPECIAL GASKETS OF ANY METAL, ANY SIZE OR SHAPE, ¼ IN. TO 10 FT. STAMPINGS OF ALL KINDS

We Shoot Them to You Quick



—AND— we Appreciate your Business

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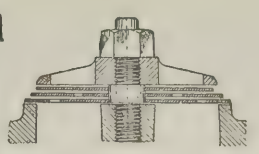
Akron Metaillc Gasket Co.

142 N. UNION STREET, AKRON, O.



Corrugated Metal Gaskets With Asbestos Lining *ALL SIZES*

Kinghorn Pattern Pump Valves *ALL SIZES*



Ames Alloy High Pressure Sheet Packing Oil and Acid Proof Seamless Copper Wire Rings and Gaskets

U. S. INDESTRUCTIBLE GASKET CO.
Fulton and Church Streets New York City

U. S. Indestructible Gasket Co. (Plain & Corrugated Copper, Brass, Steel & Lead), Church & Fulton, New York
See adv index at end of book
U. S. Mineral Wool Co. (Corrugated Copper), 280 Madison av, New York
Victor Mfg. & Gasket Co., 5750 Roosevelt rd, Chicago, Ill.
Watson H. F. Co. (Asbestos), Erie, Pa.
Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
See adv index at end of book
Wilcox E. A. Mfg. Co. ("Wilcox," Self-Sealing), 6330 Stony Island av, Chicago, Ill.

5211a—Gaskets (Monel Metal)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Gasket Supply Co. ("Right"), 1927 Ludlow, Phila, Pa.
See adv index at end of book
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5211b— *Gaskets (Nickel)

Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5212— Gaskets (Paper)*

Akron Metallic Gasket Co., 142 N. Union, Akron, O. *See adv index at end of book*
American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
BARWOOD L. J. CO. MFG. ("Barwood"), Stoneham, 80, Boston, Mass.
See adv index at end of book
Campbell Paper Box Co., South Bend, Ind.
GASKET SUPPLY CO. ("Right" Paper, all Shapes & Sizes), 1927 Ludlow, Phila, Pa. *See adv index at end of book*
Goetze Gasket & Packing Co., New Brunswick, N. J.
Lindsley Henry A., 1610 W 116th, Cleveland, O.
Springman Paper Products Co., 75 W Larned, Detroit, Mich.
Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

Gaskets (Rubber)

See Gaskets, Gum, Fibrous, Etc

5213— Gaskets (Steel Corrugated)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
AMERICAN SPIRAL PIPE WORKS (Annealed), Chicago, Ill., & 50 Church, New York *See adv index at end of book*
GASKET SUPPLY CO. ("Right," Plain, Corrugated & Smooth-on Coated), 1927 Ludlow, Phila., Pa.
See adv index at end of book
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5213a— Gasoline Hoists

See also Hoists, Gasoline

Fulton Engine Wks., 1000 Alhambra, Los Angeles, Cal.
Garfield Co., 1232 Hearst bldg, San Francisco, Cal
O. K. CLUTCH & MACHINERY CO., Columbia, Pa. *See adv index at end of book*
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Street Bros., Machine Works, Chattanooga, Tenn.

5214—*Gasoline Long Distance (Storage & Pumping Outfits)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book

5215— Gasoline Refiners

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
American Oil Works (Ltd.), Titusville, Pa.
Asphaltum & Oil Refining Co., 2475 E 9th, Los Angeles, Cal.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Cameron Refining Co., Ardmore, Okla.
Camp Harry E., Bradford, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Central Refining Co., Laurenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Consolidated Oil Refining Co., Boatmen's Bank bldg, St. Louis, Mo.
Consumers Refining Co., 76 W Monroe, Chicago, Ill.
Penn. Am. Refining Co., Oil City, Pa.
Cornplanter Refining Division, Warren, Pa.
Craig Oil Co., Toledo, O.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Freedom Oil Works Co., Freedom, Pa.
Germania Refining Co., Oil City, Pa.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
Gypsy Oil Co., Frick Bldg Annex, Pittsburgh, Pa.
Highland Oil Co., Clarion, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co. (Automobile, Stove, etc.), 244 Madison av, New York
Interocean Oil Co., 90 West, New York
Liquified Petroleum Gas Co., Tulsa, Okla.
Louisiana Oil Refining Co., Shreveport, La.
Mac Kormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Mid-Co Gasoline Co., Tulsa, Okla.
Miller's Sons Co., Columbus & Preble, **Pittsburgh, Pa.**
Mills C. E. Oil Co., Syracuse, N. Y.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Rose bldg., Cleveland, O.
Paragon Refining Co., Toledo, O.
Penna. Gasoline Co., Bradford, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Prudential Oil Corp., 17 Battery pl., New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Red "C" Oil Mfg. Co., Keyser bldg, Baltimore, Md.
Riverside Oil Co., Benedun Tress bldg, **Pittsburgh, Pa.**
Sinclair Refining Co., Conway bldg., Chicago, Ill.
Sloan & Zook, Bradford, Pa.
Southwestern Oil Corp., Oklahoma, Okla.
Standard Oil Co., 910 S Michigan av, Chicago, Ill.
Standard Oil Co., 26 Broadway, New York
Standard Oil Co. of New York ("Socony"), 555 W 25th, New York
Stebbins Oil & Gasoline Co. (Raw Casing Head & Blended), Tulsa, Okla.
Sun Company, Finance bldg, Phila., Pa.
Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.
TEXAS COMPANY ("Texaco"), 17 Battery pl, New York
See adv index at end of book
Tidewater Oil Co. ("Tydol"), 11 B'way, New York
Union Oil Co. of California, Union Oil bldg, Los Angeles, Cal.
Union Petroleum Co., Widener bldg, Phila., Pa.
Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.
Warren Refining Co., Warren, Pa.
WAVERLY OIL WORKS CO. (Stoves & Illuminating Automobile, Gasoline Engines, etc.), 54th, Pittsburgh, Pa.
White Star Refining Co., Avery & Grand Trunk R. R., Detroit, Mich.

5216—Gasoline Underground Storage & Pumping Outfits

American Oil Pump & Tank Co., Findlay & Dalton, Cincinnati, O.
Beman Automatic Oil Can Co., Ltd., Box 375, Meadeville, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Heller-Aller Co., Napoleon, O.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Meurer Steel Barrel Co., Inc., 23 W 43rd, New York
Milwaukee Tank Works ("Milwaukee"), Fratney & Becker, Milwaukee, Wis.
Richardson-Phenix Co., 131-2nd, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Sexton Can Co. ("Sexton"), 123 Broad, Boston, Mass.
Star Tank Co., Goshen, Ind.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Tokheim John J. Co., Cedar Rapids, Ia.

5217—Gates (Automatic Drive)

Cattanooga Roofing & Foundry Co. (Wrought Iron), Dept. H, Chattanooga, Tenn.
Cyclone Fence Co., Waukegan, Ill.
Guth Gate Co., Waverly, Ohio
Peters David & Son Fence & Gate Co., Homer, Ill.
St. Louis Wire & Iron Co., St. Louis, Mo.

5217a— Gates (Bin)

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Smith T. L. Co. ("Smith"), 1151 32d, Milwaukee, Wis.
Stolz Jos. & Son, Inc., 841 E 136th, New York

5218— Gates (Blast)

American Blower Co., 1400 Russell, Detroit, Mich.
Banister A. W. Co., 421 Dorchester av, S Boston, Mass.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Empire Blower & Pipe Co., Rochester, N. Y.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.

GATES (BLAST)—continued
Miner & Peck Mfg. Co. ("Peck"), Derby, Conn.
New York Blower Co., Archer av & Canal, Chicago, Ill.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Steere Engineering Co., 7342 Woodward, Detroit, Mich.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

5219— Gates (Bridge)

Buda Co., Railway Exch. bldg, Chicago, Ill.
Pitt Wm. R. Composite Iron Wks. ("Pitt" Folding), 548 W. 27th, New York
Steelite Co., 1902 W 77th, Cleveland, O.

Gates (Bronze)

See Gates, Ornamental Bronze & Iron

Gates (Car)

See Car Gates & Guards

5220— Gates (Coal Pocket)

Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.

5221—Gates (Concrete Hopper)

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind
Davis Norris K., 400 7th, San Francisco, Cal.

5221a—Gates (Day, For Bank Vaults)

HALL'S SAFE CO., P. O. Box 846, Cincinnati, O. *See adv index at end of book*

Gates (Driveway & Entrance)

See Gates, Ornamental Bronze & Iron; also Gates, Farm

5222-3— Gates (Farm)

Adams E. B. & Son, Racine, Wis.
Adrian Wire Fence Co., Adrian, Mich.
AMERICAN STEEL & WIRE CO. ("American" Steel), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
ANCHOR POST IRON WORKS ("Anchor Post"), 50 Church, New York *See adv index at end of book*
Bayley Wm. Co., Springfield, O.
Cyclone Fence Co. ("Cyclone," Tubular Steel), Waukegan, Ill.
Dwiggins Wire Fence Co., Anderson, Ind.
Eureka Fence Mfg. Co., Richmond, Ind.
Frost Superior Fence Co., E 131st, Cleveland, O.
Gade Bros. Mfg. Co. ("Gade"), Iowa Falls, Ia.
Gade C. L., Iowa Falls, Ia.
Glor Bros. & Willis Mfg. Co. ("New Modern"), Attica, N. Y.
Guth Gate Co. ("Guth" Automatic, Balanced Steel Folding Driveway Gates), Waverly, Ohio
Igoe Brothers (Wire), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Iowa Gate Co., Cedar Falls, Ia.
Jackson Fence Co., Jackson, Mich.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Fence Mach. Co. (Steel), Kokomo, Ind.
Kokomo Steel & Wire Co. ("Diamond"), Kokomo, Ind.
Mason Fence Co. ("Champion"), Lessburg, O.
Moyer Mfg. Co. (Automatic), Montevideo, Minn.
Page Steel & Wire Co., Adrian, Mich.
Pence Wm H., Fairfield, Ia.
Portable Elevator Mfg. Co. (White Steel), Bloomington, Ill.
Rolfe Iron Co., 36th & I. C. Tracks, Chicago, Ill.
Rowe Mfg. Co. ("Can't Sag"), Galesburg, Ill.
Scranton Iron & Steel Co., Scranton, Pa.
Sheer E. (Self-Closing), Lincoln, Ill.
St. Louis Wire & Iron Co., St. Louis, Mo.
Silo Specialty Mfg. Co. (Steel), Clinton, Ia.
Spring Steel Fence & Wire Co., Anderson, Ind.
Steelite Co., 1902 W 77th, Cleveland, O.
Verdeckberg Iron & Wire Works Co. (Farm Only), Denver, Colo.
Western Steel & Iron Works (Steel), De Pere, Wis.

5224— Gates (Folding)

Acme Fancy Wire Wks., Dept. H, Canfield & Morgan, Detroit, Mich.
Barnum E. T., Wire & Iron Works, 864 Woodward, Detroit, Mich.
Buffalo Wire Works Co. (Collapsible), 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Carriage & Toy Co. (Porch & Stair, Wood, 741 W Lombard, Baltimore, Md.
Chapman Wm. O. Co., 30 Church, New York
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, Ohio
Cincinnati Mfg. Co., Cincinnati, O.
Columbia Iron & Wire Works Co., Canton, O.
Estey Bros. Co., 270 Union av, B'lyn, N. Y.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Howard & Morse, 45 Fulton, New York
Kammen Walter, 3258 Springgrove av, Cincinnati, Ohio
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
MEYERS FRED. J. MFG. CO., Hamilton, O. *See adv index at end of book*
Norfolk Iron & Wire Works, Norfolk, Va.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn. *See adv index at end of book*
Pitt Wm. R. Composite Iron Works ("Pitt-Boswick"), 548 W. 27th, New York
Plocher Andrew Sons Co., Dayton, O.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa., & 18th & Filbert, Phila., Pa.
Richmond Safety Gate Co., Richmond, Ind.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Scranton Iron & Steel Co., Scranton, Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Standard Iron & Wire Works, Chattanooga, Tenn.
Steelite Co., 1902 W 77th, Cleveland, O.
STEWART IRON WORKS (THE), 287 Stewart blk, Cincinnati, Ohio *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 East 136th, New York
TYLER W. S. CO. (Collapsible), Cleveland, O., & 200 5th av, New York *See adv index at end of book*
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

Gates (Hatch, Automatic)

See Elevator Gates, Automatic

5225— Gates (Lock)

CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill. *See adv index at end of book*
Independent Bridge Co., May bldg, Pittsburgh, Pa.
Penn Bridge Co. (Steel), Beaver Falls, Pa.
Scranton Iron & Steel Co., Scranton, Pa.

5226— Gates (Molasses)

Cheney S. & Son, Manlius, N. Y.
Kraft A. C., 323 W Lake, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Multiplex Faucet Co. (Brass), St. Louis, Mo.
Rauch Mfg. Co., Galena, Kan.
Sargent & Co. (Oil), New Haven, Conn.
Scoville E. U. Co. ("Perfection"), Manlius, N. Y.
Sommer John Faucet Co. ("Perfection"), 30 Morris av, Newark, N. J.
Stearns E. C. & Co. ("Lockfast" "Scovilles' " Pattern), 450 Oneida, Syracuse, N. Y.
Taylor & Boggis Foundry Co. ("Stebbins"), Cleveland, O.
Weller Hardware & Foundry Co. ("Stebbins"), Horseheads, N. Y.

5227— Gates (Ore Bin)

Clark W. J. Co., Salem, O.
Hendy Hoshua Iron Works, 75 Fremont, San Francisco, Cal.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP. (Self-Closing & Rack & Pinion & Rocker), 120 Broadway, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works, Inc., Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

5228— Gates (Ore & Oil)

Rauch Mfg. Co. (For Mines), Galena, Kan.
Sommer John Faucet Co. ("Perfection" Oil), 355 Central av, Newark, N. J.

5229—Gates (Ornamental Bronze & Iron)

See also Bronze, Architectural, etc. Also Iron, Architectural & Ornamental

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
ANCHOR POST IRON WORKS (Electric Welded Iron), 50 Church, New York *See adv index at end of book*
Art Metal Construction Co. (Also Brass), Jamestown, N. Y.
Bayer-Rothgeb Co., Los Angeles, Cal.
Bayley Wm. Co., Springfield, O.
Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.
Bigelow Cheney Wire Works, Springfield, Mass.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Burkhardt John, 531 W 55th, New York
Roanoke Iron & Bridge Wks, Roanoke, Va.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chesapeake Iron Works, Westport, Baltimore, Md.
Cincinnati Iron Fence Co., 330 Spring Grove ave, Chicago, Ill.
Cincinnati Mfg. Co., Cincinnati, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Cyclone Fence Co., Waukegan, Ill.
Detroit Mausoleum Equipment Works, 75 W Fort, Detroit, Mich.
Enterprise Iron Works, Indianapolis, Ind.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Fiske J. W. Iron Works, 111 Park pl, New York
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Gorham Co., Arch'l Bronze, 5th av & 63rd, New York. Works: Providence, R. I.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hartmann-Sanders Co., 2155 Elsten av, Chicago, Ill.
Hassell Iron Works Co., Colorado Springs, Colo.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Heath-Johnson Co., 300 W Ontario, Chicago, Ill.
Hennecke C. Co., 1353 N. Pierce, Milwaukee, Wis.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Howard & Morse, 45 Fulton, New York
Igoe Brothers (Iron & Steel, Plain & Ornamental), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Jackson Wm. H. Company, 2 W 47th, New York
Kues Bros. Iron Works, 1807 Carter av, New York
Lafayette Fence Works, Lafayette, Ind.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Loewer John E. Wire & Iron Works, 914 Campbell, Kansas City, Mo.
Mansfield Steel Corp., 288 Milwaukee av, East Detroit, Mich.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Midland Metal Co., 21st & Jeff'n, Phila., Pa.
Mott J. L. Iron Works, Trenton, N. J.
Mugler's Iron Works, 903 E 135th, New York
Page Steel & Wire Co., Adrian, Mich.
Pettit Frank, 809 Master, Phila., Pa.
Pettler Wire Products Co., Beaver Falls, Pa.
Pitt Wm. R. Composite Iron Wks., 548 W. 27th, New York
Plocher Andrew Sons Co., Dayton, O.
Remppis W. F. Iron Wks., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Roanoke Iron Works, Roanoke, Va.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Scranton Iron & Steel Co., Scranton, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Southwest Wire & Iron Wks. Co., Kansas City, Mo.
STEELITE CO., 1902 W 77th, Cleveland,
Stewart Iron Works (The), 237 Stewart blk., Cincinnati, Ohio *See adv index at end of book*
Stolz Jos. & Son, Inc. (Driveway), 841 East 136th, New York

Taylor & Dean, Penn av & 25th, Pittsburg, Pa.
Tiffany Studios, 361 Madison av, New York
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wells Architectural Iron Co., River av & 151st, New York
West Side Structural Co., Troy, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

5230-1—Gates (Railway Crossing)

See also Signals, Railway Crossing

Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Buda Co. (Pneumatic & Electric, Crank & Lever), Railway Exchange bldg, Chicago, Ill.
Kalamazoo Railway Supply Co. ("Wilson"), Kalamazoo, Mich.
Keystone Steel & Wire Co., Peoria, Ill.
Pneumatic Gate Co. ("Elliott" Pneumatic), 1921 S Fairfield av, Chicago, Ill.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Shane Furnace & Metal Appliance Co., W Warren av & S Delaware, Denver, Colo.

Gates (Safety)

See Elevator Gates, Automatic

5232—Gates (Sewer, Back Water)

Coldwell-Wilcox Co., Newburgh, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.

5233— Gates (Shear)

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

5234— Gates (Sluice)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Coffin Valve Co., Neponset, Boston, Mass.
Goldwell-Wilcox Co., Newburgh, N. Y.
burgh, N. Y.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
De Huff & Hopkins, 1421 Chestnut, Phila., Pa.
Eddy Valve Co., Waterford, N. Y.
Fox Jno. & Co., 253 B'way, **New York**
Garrett W. T. & Co., 299 Fremont, San Francisco, Cal.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Pittsburgh Valve, Foundry & Constr. Co., 26th & A. V. R. R., Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

5235-6— Gates (Steel)

AMERICAN STEEL & WIRE CO. ("American," Walk & Single & Double Drive), 208 S La Salle, Chicago, Ill. ***See adv index at end of book***
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Scranton Iron & Steel Co., Scranton, Pa.
Stewart Iron Works (The), 237 Stewart blk, Cincinnati, Ohio

Gates (Steel Picket)

See Fences, Iron & Steel Picket

5237-8—Gates (Storage Bin)

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Concrete), 3500 E St. Clair, Indianapolis, Ind.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

5238—*Gates (Wooden Porch)

HOPKINS L. MFG. CO., North Girard, Pa.
Ransome Concrete Machinery Co. (For Sand, Stone & Concrete), Dunellen, N. J.
Steelite Co., 1902 W 77th, Cleveland, O.

Gates (Water)

See Gates, Sluice

5239—Gates & Guards (Bronze Folding

Burgin & Co., Inc. ("Jena"), 487 B'way, New York
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Scranton Iron & Steel Co., Scranton, Pa.
SMITH, F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.

5239a— Gates & Railings

Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Gorham Co., Architectural Bronze, 5th av & 36th, New York
Scranton Iron & Steel Co., Scranton, Pa.
Steelite Co., 1902 W 77th, Cleveland, O.

5239b— Gauge Glasses

ADVANCE PACKING & SUPPLY CO. ("Firms," "Advance" Scotch Glass Tubes & Cup Glasses), 54 E. Lake, Chicago, Ill.
Bache, Semon & Co. (Impr, "Maltese Cross," "Eureka" Scotch), 636 Greenwich, New York
Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
Belfield H. Co. (Sterling Scotch Tubes), 435 N Broad, Phila., Pa.
Bethlehem Shipbuilding Corp., Ltd. (& Fittings), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Breakey L. I. (Fittings), 712 W State, Marshall, Mich.
Buckeye Iron & Brass Works (Scotch), Dayton, O.
Chesterton A. W. Co. ("Sonderglass High Pressure Rhenog McGreggor), 64 India, Boston, Mass.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Diamond Specialty & Supply Co., 1225 Arch, Phila., Pa.
Jerguson Gage & Valve Co. (Imptrs. "Jerguson," "Reflex" & "Klinger"), Mystic av & Fellsway, Somerville, Mass.
Keckley O. C. Co. ("Thurmo" H. P.), 318 Washington, Chicago, Ill.
KERN COMMERCIAL CO. (Imp. Reflex, Klinger type), 115 Broad, New York
Macbeth-Evans Glass Co., Pittsburgh, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
MAGEE STEAM SPECIALTY CORP., 136 Beekman, New York
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pneumercator Co. Inc. (Boiler), 15 Park row, New York
ROGERS H. A. CO. (Moncrieff "Perth," Moncrieff "Unific," Moncrieff "Red Line," Moncrieff "Scotch," Moncrieff's "Reflex," Moncrieff's "Prismatic"), 87 Walker, New York
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. ("Resisto," Compound of Jena Glass), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Schlangen Bros. Co. (High & Low Pressure), 2435 Irving Park blvd, Chicago, Ill.
Staniford J. W. & Co., 40 Hanover, Boston, Mass.
Star Brass Mfg. Co. (Scotch Gauge Glasses), 53 Oliver, Boston, Mass.
United Asbestos & Packing Co. ("Clydesdale"), 619-629 Washington blvd, Chicago, Ill.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.

5240—Gauge Glass Preservers

Morse R. F. ("Gilbert's" Self Packing), 86 Weybosset, Providence, R. I.

5241—Gauge Glass Protectors

Ashcroft Mfg. Co., 119 W. 40th, New York
Dunn's Service ("Leonhart"), 608 S Dearborn, Chicago, Ill.
Gardner Grate Co. ("Igard" Shield & Reflector), 21 Burgess, Boston, Mass.
Huyette Paul B. Co. ("P. B. H."), 5H S. 18th, Phila., Pa.
Sargent Co. ("Ironclad"), 625 W Jackson blvd, Chicago, Ill.

5242—Gauge Glass Reflectors

Reordway Mfg. & Sales Co., Marquette bldg, Chicago, Ill.

5243-4—Gauge Glass Washers

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp., Trenton, N. J.
Gilbert & Co., Hyattsville, Md.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co. Trenton, N. J.
Jenkins Bros., 80 White, New York
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Mattson Rubber Co., Lodi, N. J.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co. (Rubber), 628 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

Gauge Grinders

See Grinders (gauge)

5245— Gauges

See also Specific Article Required

Cedar Tool & Gage Corp. (Special), 1862 State, Bridgeport, Conn.
Corning Glass Works ("Noglare," "Nonex" Headlight Front, Gauge & Colored Standard Signal Glasses), Corning, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book

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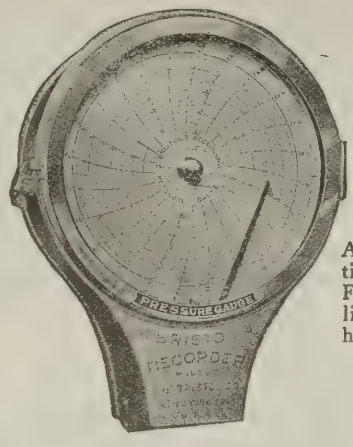
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Diamond Specialty & Supply Co. ("Diamond"), 1225 Arch, Phila., Pa.
Dominion Asbestos & Rubber Corp. ("Darcoid," "Dominion"), 154 Nassau, New York
See adv index at end of book
Hill Pump Valve Co. ("Hill") **Archer av,** Canal & 23d, Chicago, Ill.
JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson"), Mystic av & Fellsway, Somerville, Mass.
Keating E. F. Co. ("Montrose"), 446 Water, New York
Knapp Arthur Engineering Corp., 19 W 44th, New York
See adv index at end of book
Leonard Machinery & Tool Co., Inc., 609 S Paulina, Chicago, Ill.
Lonergan J. E. Co. **("Thistle"), 211 Race,** Phila., Pa.
Lovell F. H. & Co. **("Bishop's"), Arlington,** N. J.
MAGEE STEAM SPECIALTY CORP., 136 Beekman, New York
Michigan Machine Co., 85 Porter, Detroit, Mich.
National Gauge & Equipment Co., La Crosse, Wis. *See adv index at end of book*
Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.
See adv index at end of book
U. S. Gauge Co., 37 Liberty, New York
See adv index at end of book

5246—Gauge Testing Apparatus

FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Queen-Gray, 64-70H W Johnson, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, **N. Y.**
See adv index at end of book
United States Gauge Co., 37 Liberty, New York *See adv index at end of book*
Weldcraft Equipment Co., 2501 Penn **av,** Pittsburgh, Pa.

5246a— Gauges (Acetylene)

National Gauge & Equipment Co., La Cross, Wis.
See adv index at end of book
Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Welding Supply Co., Inc., 132 Nassau, New York

5246b—Gauges (Aeroplane)

Foxboro Co. (The), ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
National Gauge & Equipment Co., La Crosse, Wis.
See adv index at end of book
Precision Instrument Co (Airspeed), 21 Halsey, Newark, N. J.
U. S. Gauge Co., 37 Liberty, New York

5247— Gauges (Air)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, Ohio
Garrison Brass & Machine Works, 107 W 13th, New York
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NATIONAL GAUGE & EQUIPMENT CO. ("National," "Independent"), La Crosse, Wis.
See adv index at end of book
Paxson J. W. Co. (Cupola), 1021 N Delaware av, Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Precision Instrument Co. ("2 in 1," "3 in 1," "4 in 1," "5 in 1"), 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, **N. Y.**
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
U. S. Gauge Co., 37 Liberty, New York

Gauges (Air Brake)

See Gauges, Steam

5248— Gauges (Alarm)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
BRISTOL CO. ("Bristol's Recording & Alarm), Waterbury, Conn., & 114 Liberty, New York
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
LUNKENHEIMER CO. ("Monitor"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Pneumercator Co. Inc., 15 Park row, New York *See adv index at end of book*
Star Brass Mfg. Co. ("Star), 53 Oliver, Boston, Mass.
U. S. Gauge Co., 37 Liberty, New York

5248a— Gauges (Altitude)

See also Gauges, Steam

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
National Gauge & Equipment Co., La Crosse, Wis.
See adv index at end of book
Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Precision Instrument Co., 21 Halsey, Newark, N. J.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

5248b— Gauges (Ammonia)

See also Gauges, Steam

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
National Steam Spec. Co., 16 S. Clinton, Chicago, Ill.
Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Precision Instrument Co., 21 Halsey, Newark, N. J.

5428c—Gauges (Amplifying)

Am. Gauge Co., Dayton, O.
Davie Tool Co., 1660 E 118th, Cleveland, O.

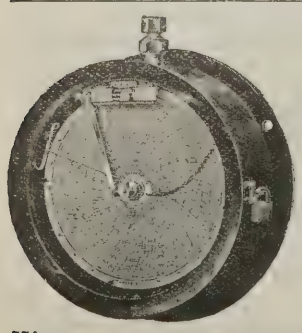
5249— Gauges (Automobile)

See also Gauges, Air

Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Azadian Gauge Mfg. Co. (Pump), Eastwood, N. Y.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Gem Stamped Steel Co. ("Gem"), Chelsea, Mass.
Improved Gauge Mfg. Co. ("Pressurite"), 105 Canal, Syracuse, N. Y.
Mackin Oil Gauge Co. ("Mackin") Oil for Ford Cars), 33 N Foster, Worcester, Mass.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NATIONAL GAUGE & EQUIPMENT CO. ("Independent"), La Crosse, Wis.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., **437** E 162nd, New York
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
Star Brass Mfg. Co. ("Star"), Pressure for Steam Cars), 53 Oliver, Boston, Mass.
U. S. Gauge Co., 37 Liberty, New York

5250— Gauges (Axle)

Badger State Machine Co. ("Wills" Automatic), Janesville, Wis.



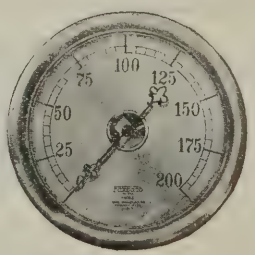
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See Gauges, Limit

5251— Gauges (Barrel)
Hydraulic Press Mfg. Co., Mount Gilead, O.

Gauges (Battery)
See Ammeters & Voltmeters

5252— *Gauges (Bench)
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5253— Gauges (Bit, Auger)
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Millers Falls Co., 28 Warren, New York
Stanley Rule & Level Co., New Britain, Conn.
Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.

Gauges (Blast)
See Gauges, Steam

5254—Gauges (Blood Pressure)
Tagliabue C. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Williams Brown & Earle, 916 Chestnut, Phila., Pa.

Gauges (Boiler Plate)
See Gauges, Rolling Mill

Gauges (Bourdon Pressure)
See Gauges, Steam

5254a— Gauges (Built Up)
Nelson Tool Co., Inc., 782 E. 142nd, New York
Precision Engineering Co., Jamestown, N. Y. *See adv index at end of book*

5255— Gauges (Butt)
Goodell-Pratt Co. (Comb.), Greenfield Mass.
Stanley Rule & Level Co. (Metallic), New Britain, Conn.
Williams William Jr. ("Reeves"), New Britain, Conn.

5256— Gauges (Button)
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5257—Gauges (Cabinet Makers')
Redin, Ekstrom & Co., Rockford, Ill.

5257a—Gauges (Caisson Pressure)
Ashton Valve Co., 179 1st, Boston, Mass.

5258— Gauges (Caliper)
Brown & Sharpe Mfg. Co., Providence, R. I.
Ibsen & Co., 404 Keefe av, Milwaukee, Wis.
Morse Twist Drill & Machine Co. ("Morse" Adjustable), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Wks., Gloucester City, N. J.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Williams J. H. & Co. ("Vulcan" Drop Forged, Unfinished), 31 Richards,
See adv index at end of book

5259— Gauges (Carpenters')
Caldwell Mfg. Co. ("Handy" Rule Gauge), 8 Jones, Rochester, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Gage Tool Co. ("Gage," Wheel Marking), Vineland, N. J.
Goodell-Pratt Co. (Roller, Single, Double & Triple Beam), Greenfield, Mass.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Plant, New Britain, Conn.
Winsted Edge Tool Works, Winsted, Conn.

5260— Gauges (Center)
Athol Mach. & Foundry Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5261— Gauges (Chamferer)
Adell Mfg. Co., Orange, Mass.
Bullock Mfg. Associates, Springfield, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Swan James Co. ("Swan's" Drawing Knife), Seymour, Conn.

5262— *Gauges (Chemical)
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
U. S. Gauge Co., 37 Liberty, New York

5263—Gauges (Circumference)
Pratt & Whitney Co. (Car Wheel), Hartford, Conn.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5264— Gauges (Clapboard)
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

5265—Gauges (Combination, Recording Pressure & Vacuum)
BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.

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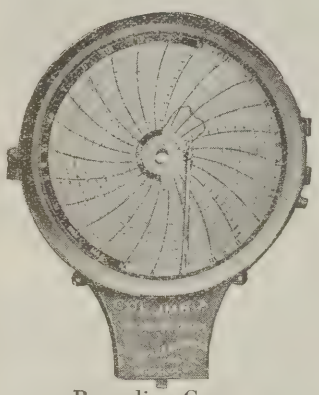
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See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.
U. S. Gauge Co., 37 Liberty, New York

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Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
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Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
United States Gauge Co., 37 Liberty, New York

5267—Gauges (Compound, Pressure & Vacuum)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
National Gauge & Equipment Co. ("Independent," "Indian Head"), La Crosse, Wis. *See adv index at end of book*
National Steam Spec. Co., 16 S Clinton, Chicago, Ill.
Pierce Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
United States Gauge Co., 37 Liberty, York

5268—Gauges (Compression)

FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5269— Gauges (Cutting)

Chapin-Stephens Co., Pine Meadow, Conn.
Stanley Rule & Level Co., New Britain, Conn.

5270— Gauges (Cylindrical)

Am Machine Products Co., Marshalltown, Iowa
Brown & Sharpe Mfg. Co., Providence, R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Plug Limit & Ring), Greenfield, Mass.
See adv index at end of book
Grimes P. L., Milford, Conn.
Mallometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Tool Co. Inc., 782 E 142d, New York
Rogers Jno. M. Works, Gloucester City, N. J.

5271— Gauges (Decimal)

Pratt & Whitney Co., Hartford, Conn.

5272— *Gauges (Depth)

STARRETT L. S. O. (THE), Athol, Mass.
See adv index at end of book

5273—Gauges (Depth & Surface)

Athol Mach. & Foundry Co. (graduated), Athol, Mass.
Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
Mallometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
New Process Specialty Co., 230 Hanover Milwaukee, Wis.
Reid Bros. Co., Beverly, Mass.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
Swan James Co., Seymour, Conn.
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Dial Depth), 248 Ash, Waltham, Mass.
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.

5273a— Gauges (Dial)

Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" for Indicating Thickness & Variations), 248 Ash, Waltham, Mass.

5274—Gauges (Differential Recording)

FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

5275— Gauges (Draft)

American Safety Lamp & Mine Supply Co. ("Westover"), Scranton, Pa.
Bachrach Industrial Instrument Co., H. Murtland & Bennett, Pittsburgh, Pa.
Braun-Knecht-Heimann Co. (Differential), 576-584 Mission, San Francisco, Cal.
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Defender Automatic Regulator Co., Howard bldg, St. Louis, Mo.
Ellison Lewis M. ("Ellison" Differential), 214 W Kenzie, Chicago, Ill.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Huyette Paul B. Co., 5 S. 18th, Phila., Pa.
Huyette Paul B. Co. (Differential), 5H S. 18th, Phila., Pa.
Moeller A. E., 261 Sumpter, Brooklyn, N. Y.
McNab Co. ("McNab" Steamship), Bridgeport, Conn. *See adv index at end of book*
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Pierce Wm B. Co., 40 N Division, Buffalo, N. Y.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Redline" Differential, U Tube), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Tagliabue Chas. J. Mfg. Co. (Syphon, also Pressure), 18 33d, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos," Rochester, N. Y.
Uehling Instrument Co., 71 B'way, New York
Vulcan Fuel Economy Co., 828B Transportation bldg, Chicago, Ill.

5276— Gauges (Draft, Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro" Draft Triplex), Foxboro, Mass.
See adv index at end of book
Huyette Paul B. Co. ("Hays"), 5H S. 18th, Phila., Pa.
Precision Instrument Co. ("Dead Beat"), 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5276a— *Gauges (Draw)

Osborne C. S. Co. (Leather), Box 183, Newark, N. J. *See adv index at end of book*

5277— Gauges (Drill)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich. *See adv index at end of book*
Standard Tool Co., 6700 Central av, Cleveland, O.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Union Twist Drill Co., Athol, Mass.

5278—*Gauges (Drill, Tap & Wire)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5278a—Gauges (Duplex, Air Brake)

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book

Gauges (Dynamo & Motor Oil)

See Gauges, Oil

5279—*Gauges (Electrically Operated)

CUTLER-HAMMER MFG. CO., 12th & Paul av, Milwaukee, Wis.
See adv index at end of book

5280—Gauges (Expansion Tank)

Buckeye Iron & Brass Works, Dayton, O.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
McRae & Roberts Co., 100 So. Campbell av, Detroit, Mich.
Ohio Injector Co., Wadsworth, O.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

5281—*Gauges (Farm Engine)

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5282—*Gauges (Fillet or Radius)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5283—Gauges (Flange Thickness)

Pratt & Whitney Co., Hartford, Conn.

Gauges (Gas)

See Gauges, Gas Retort

5284—Gauges (Gas Recording Pressure)

American Meter Co. ("Kings"), 3112 N 17th, Phila., Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Bachrach Industrial Instrument Co., H. Hurtland & Bennett, Pittsburgh, Pa.
BRISTOL CO. ("Bristol's), **Waterbury**, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Phoenix Meter Co., Camden, N. J.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
PITTSBURGH METER CO. (Pressure & Volume), East Pittsburgh, Pa.
Precision Instrument Co. (SO2 Sulphur Dioxide), 21 Halsey, Newark, N. J.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Uehling Instrument Co., 71 B'way, New York
United States Gauge Co., 37 Liberty, New York

5285—Gauges (Gas Recording Pressure Portable)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.

5286—*Gauges (Gas Retort)

See also Pyrometers

SCHAEFER & BUDENBURG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
United States Gauge Co., 37 Liberty, New York

Gauges (Gasoline)

See Indicators, Fuel Level

5287—Gauges (Height)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Gauges (Hinge)

See Gauges, Butt

5288—*Gauges (Hub)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5288a—*Gauges (Hydraulic)

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City

5289—Gauges (Hydraulic Recording)

See also Gauges, Water

Ashton Valve Co. (Wheel Press), 179 1st, Boston, Mass.
BRISTOL CO. ("Bristol's), **Waterbury**, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
National Steam Spec. Co., 16 S Clinton, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
United States Gauge Co., 37 Liberty, New York

5290—Gauges (Illuminated Dial)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
United States Gauge Co., 37 Liberty, New York

5291—Gauges (Indicating & Recording Combined)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5292—Gauges (Inspectors')

Excelsior Tool & Gauge Co., 1535 Temple av, Detroit, Mich.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
STARRETT L. S. CO. (THE) (For Steel Plates), Athol, Mass.
See adv index at end of book

5293—Gauges (Iron Plane)

Goodell-Pratt Co., **Greenfield, Mass.**
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

5294—Gauges (Jewel)

Wennstrom's John Sons Co. (For Jewel Holes), Suffern, N. Y.

5295—Gauges (Jointer)

Millers Falls Co. ("Perfection"), 28 Warren, New York. Works: Millers Falls, Mass.

5296—Gauges (Leather)

Emrich Phil. (Sole Leather), 824 Main, Cincinnati, O.
Snell & Atherton, Brockton, Mass.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

5297—Gauges (Limit)

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Atlas Ball Co. (Internal Ball-Plug), 4th & Glenwood, Phila., Pa.
Brown & Sharpe Mfg. Co., **Providence, R. I.**
GREENFIELD TAP & DIE CORP'N ("G. T. D." Male for Threads & Cylindrical), **Greenfield, Mass.**
See adv index at end of book
Ibsen & Co., 404 Keefe av, Milwaukee, Wis.
Mallometer Co., 1093 Jefferson av, Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
Security Tool Works, 115 S Clinton, Chicago, Ill.
Service Tool, Die & Mfg. Co., 206 S Jefferson, Chicago, Ill.
Taft-Peirce Mfg. Co. (Adjustable), Woonsocket, R. I.
Williams J. H. & Co. (Drop-Forged), 21 Richards, B'klyn, N. Y.
See adv index at end of book

Gauges (Liquid Micrometer)

See Gauges Micrometer

5297a—*Gauges (Liquid Level)

Bristol Co. ("Bristol's Recording"), Waterbury, Conn.
See adv index at end of book
Pneumercator Co., Inc., 15 Park Row, New York

5297b—Gauges (Locomotive)

See also Gauges, Steam

CROSBY STEAM GAGE & VALVE CO. ("Crosby") 40 Central, Boston, Mass.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

5298—Gauges (Loss of Head Recording)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
SIMPLEX VALVE & METER CO., 110 N Broad, Phila., Pa.

5299—Gauges (Lumber)

Cleveland Rule Co., 2190 W 59th, Cleveland, O.
Filer & Stowell Co., Milwaukee, Wis.
Lufkin Rule Co., Saginaw, Mich.

5300—Gauges (Marking & Scratch)

Chapin-Stephens Co., Pine Meadow, **Conn.**
Disston Henry & Sons, Tacony, **Phila., Pa.**
Goodell-Pratt Co., Greenfield, Mass.
Johnson E. P. Rule Mfg. Co. ("Johnson" Adjustable Double Screw), 565 Washington blvd, Chicago, Ill.
Leavitt Machine Co. ("Barrett" Roller), Orange, Mass.
Mack & Co. ("D. R. Barton"), **Rochester, N. Y.**
Nicholls Mfg. Co. ("Nicholls" **Sawtooth**, Wheel Roller Marking & **Mortise** Gauge), Ottumwa, Ia.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Stanley Rule & Level Plant, New Britain, Conn.
STARRETT L. S. CO. (THE), Athol, Mass
See adv index at end of book
Stearns E. C. & Co. (Roller), 450 Oneida, Syracuse, N. Y.
Welch T. F. Co., 55 Sudbury, Boston, Mass.

5301—Gauges (Measuring)

Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Carlson Westrom Co. ("Carwen"), Erie av & Richmond, Phila., Pa.
Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Indicating Calipers Co., 506 E 19th, New York
Johansson, C. E., Inc. ("Johansson"), Poughkeepsie, N. Y.
Pedersen Mfg. Co., 236 Middle, Bridgeport, Conn.
Reid Bros. Co., Beverly, Mass.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
Up-To-Date Tool Co. (Special), 81 Wareham, Boston 18, Mass.
See adv index at end of book
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), 248 Ash, Waltham, Mass.
Williams J. H. & Co. (Drop-Forged Caliper), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Wirth John D., New Haven, Conn.
Zernickow O, 15 Park Row, New York

5302—Gauges (Mercury)

American District Steam Co. **("Adsco")**, No. Tonawanda, N. Y.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
National Gauge Co. **(Also Mercury Vacuum Gauges), 300 Pacific, Brooklyn, N. Y.**
Pittsburgh Gage & Supply Co., **30th & Liberty av, Pittsburgh, Pa.**
Precision Instrument Co., 21 Halsey, Newark, N. J.
Quimby Engineering Co. ("Shaw"), 450 N 10th, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Tagliabue Chas. J. Mfg. Co., (Mercury Pressure; Syphon), 18 **33d, Brooklyn**, N. Y.
Uehling Instrument Co., 71 B'way, New York

5303—Gauges (Micrometer)

AMES B. C. CO. ("Ames," Dial), North Station, Waltham, Mass.
See adv index at end of book
Brown & Sharpe Mfg. Co., Providence, R. I.
Coats Machine Tool Co., Inc. ("Prestometer" Liquid), 110 W 40th, New York
Davis Mfg. Co. ("3 to 72"), Milwaukee, Wis.
Emerson Apparatus Co. **(Inside), 351 Causeway, Boston, Mass.**
Goodell-Pratt Co., Greenfield, Mass.
Haines Gauge Co. (Automatic), 119 S 4th, Phila., Pa.
Ibsen & Co., 404 Keefe av, Milwaukee, Wis.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Reed Small Tool Works (Micrometer Caliper), Worcester, Mass.
Precision Instrument Co. (Boiler), 21 Halsey, Newark, N. J.

GAUGES (MICROMETER)—continued
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sawyer Tool Mfg. Co. (Standard Inside), Ashburnham, Mass.
Slocomb J. T. Co. (Paper, Tube, Thread, Plate Makers, Rolling Mill, Cartridge, etc.), 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE) (Outside, Inside & Metric), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), 248 Ash, Waltham, Mass.

5304— *Gauges (Mine Fan)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro" Recording), Foxboro, Mass.
See adv index at end of book

5305— Gauges (Mine Water)

Am Safety Lamp & Mine Supply Co. (U Tube), Scranton, Pa.
Everhart Brass Works (For **Showing** Pressure of Air in Mines), **Scranton**, Pa.
Philadelphia Thermometer Co., **9th & Arch**, Phila., Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

5306— Gauges (Mitre)

Miotke Joseph ("Acme Handy"), 144 Clinton, Milwaukee, Wis.

5307— Gauges (Oil)

Akron-Selle Co. (Level), Akron, O.
Auto Parts Co. ("Apco"), 702 Eddy, Providence, R. I.
Buckeye Iron & Brass Works, **Dayton, O.**
Edelmann E. & Co., 341 E Ohio, **Chicago**, Ill.
Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO. ("Triplex"), **Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.**
See adv index at end of book
Michigan Lubricator Co. (Level), **3643** Beaubien, Detroit, Mich.
National Gauge & Equipment Co., La Crosse, Wis.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Pneumercator Co., Inc., 15 Park Row, New York
Powell Wm. Co. ("Powell" **for Dynamos**, Motors, Automobiles, Trucks, Motor Boats, etc.), 2526 Spring Grove av, Cincinnati, O.
See adv index at end of book
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
Sherwood Mfg. Co., 1709 Elmwood, **Buffalo, N. Y.**

5308— Gauges (Paper)

Ashton Valve Co. (Paper Test), **161 First**, Cambridge, Mass.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Dial, Thickness), 248 Ash, Waltham, Mass.

5308a—*Gauges (Petrol Depth)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
National Gauge & Equipment Co. ("Independen., "National"), La Crosse, Wis.
See adv index at end of book

5309—Gauges (Planer & Shaper)

Sawyer Tool Mfg. Co. (Planer), **Ashburnham**, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5310—Gauges (Plug & Ring)

Accurate Engineering Co., 150 E 4th, Plainfield, N. J.
Atcheson Tool & Die Co., 43 W Long, Columbus, O.
Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Central Tool & Die Co., Dayton, Ohio
Clough R. M., Tolland, Conn.
GREENFIELD TAP & DIE CORP'N. ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Johansson C. E., Inc. ("Johansson" Adjustable Limit & Tolerance Plug), Poughkeepsie, N. Y.
Laganke Chas. F., 116 St. Claire av N E, Cleveland, Ohio

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Meyers Willard F. Co., Bedford, Ind.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York
Pratt & Whitney Co., Hartford, Conn.
Victory Co., York, Pa.

5310a—Gauges (Printer's Line)

Eagle Engineering Co. ("Star"), Springfield, O.

5310b— Gauges (Profile)

Cannon T. J. & Sons Machine Co., Lynn, Mass.
Goddard Tool Co. (& Thread), 351 W Chicago av, Chicago, Ill.
Grimes P. L., Milford, Conn.
Laganke Chas. F., 116 St. Claire av N E, Cleveland, Ohio
Precision Engineering Co., Jamestown, N. Y. *See adv index at end of book*

5311—Gauges (Pyrometer, Steam Pressure & Temperature)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5312—Gauges (Radial Grinding)

Union Twist Drill Co., Athol, Mass.

5313— *Gauges (Radius)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5314— Gauges (Rain)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Draper Mfg. Co., 152 Front, New York
Green Henry J. (Also Snow), 1191 Bedford av, Brooklyn, N. Y.
International Instrument Co. ("Ferguson") 23 Church, Cambridge, Mass.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

Gauges (Raker)

See Gauges, Saw

5315—Gauges (Recording Pressure)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
BROWN INSTRUMENT CO., Wayne & Windrim, Phila., Pa.
Cleveland Steam Gauge Co. (Pressure Only), 1108 W 9th, Cleveland, O.
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Jones Gauge Co. ("Peerless" & "Crown"), 5 Broad, Boston, Mass.
McDonough Automatic Regulator Co. ("McDonough" **for Steam**), 716 Gd. River, Detroit, Mich.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equip't Co., La Crosse, Wis. *See adv index at end of book*
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Quimby Engineering Co. ("U. S. Standard" Mercury), 450 N 10th, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. (Gas Pressure, Hydraulic Pressure, Ammonia Pressure, Steam Pressure & Water Pressure Recording Gauges), Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Tagliabue C. J. Mfg. Co. (Recording & Syphon), 18 33d, B'klyn, N. Y.
Uehling Instrument Co., 71 B'way, New York
United States Gauge Co., 67 Wall, New York

5316—Gauges (Recording Pressure Portable)

Brown Instrument Co., Wayne & Windrim, Philadelphia, Pa.

FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.

5317—*Gauges (Recording Tide)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5318—Gauges (Recording Vacuum)

BRISTOL CO. ("Bristol's"), **Waterbury,** Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5319— Gauges (Revolution Recording)

BRISTOL CO. ("Bristol's"), **Waterbury,** Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Rolling Mill)

See Gauges, Micrometer

5320-1— Gauges (Saw)

Atkins E. C. & Co., Indianapolis, Ind.
Beach Mfg. Co., Montrose, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Fox Z. F. & Son, Freeport, Mich.
Hoe R. & Co., 504 Grand, New York
Hantslip Co. ("Standard" Automatic), Freeport, Mich.
Kilborn & Bishop Co. ("The Champion Forged"), 194 Chapel, New Haven, Conn.
Morin Saw Gauge Mfg. Co. ("Morin's" Raker For Cross-Cut Saws), Seattle, Wash.
Prouty C. & Co., Eldred, Pa.
Seymour James M., Jr., 43 Lawrence, Newark, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. J.

5322— Gauges (Screw Pitch)

Atcheson Tool & Die Co., 43 W Long, Columbus, Ohio.
Athol Mach. & Foundry Co. ("Key Ring" & "Premier"), Athol, Mass.
Automatic Engraving & Mfg. Co., Inc., 2033-5th av, New York
Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co., **Ashburnham,** Mass.
Sheffield Mach. & Tool Co., Dayton, Ohio
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Willemin Mfg. Co., Inc., **181 Eddy, Providence,** R. I.
Wood & Spencer Co. ("Snap"), **1930 E 61st, Cleveland, O.**

5323—Gauges (Sheet Metal & Wire)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Nov. Elec. Co., 50 N 4th, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co. (Decimal), Hartford, Conn.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Vulcan Hardware Co., **Carlstadt, N. J.**

5324—Gauges (Sheet Rubber Measuring)

Hoggson & Pettis Mfg. Co., New Haven, Conn.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

5325— Gauges (Shingle)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Wagner Mfg. Co., Cedar Falls, Ia.

5326— Gauges (Snap)

Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Automatic Engraving & Mfg. Co., Inc., 2033 5th av, New York
Bonney Forge & Tool Works (Drop Forged), Allentown, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
Central Tool & Die Co., Dayton, Ohio
Clegg Mfg. & Tool Co., Attleboro, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D.," for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Grimes P. L., Milford, Conn.
Johansson, C. E., Inc. ("Johansson" Adjustable Limit), Poughkeepsie, N. Y.
Laganke Chas. F., 116 St. Claire av, Cleveland, Ohio
Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Tool Co., Inc., 782 E 142nd, New York
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Precision Engineering Co., Jamestown,N.Y.
See adv index at end of book
Reid Bros., Beverly, Mass.
Screw Machine Products Corp, 1012 Eddy, Providence, R. I.
Victory Mfg. Co., York, Pa.

5327— *Gauges (Sole)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5328—Gauges (Speed Recording)

BRISTOL CO. ("Bristol's"), **Waterbury,** Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5329— *Gauges (Stair)

STARRETT L. S. CO. (THE), (For Carpenters, etc), Athol, Mass.
See adv index at end of book

5330— Gauges (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Ashton Valve Co. (Also Alluminated Dial Master Pilot, Master Pressure), 179 1st, Boston, Mass.
Azadian Gauge Mfg. Co., Eastwood, N. Y.
Belfield H. Co., 435 N Broad, Phila., Pa.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co. ("Brown" Recording), Wayne & Windrim, Phila., Pa.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Hoppe Paul F Co., 123 Liberty, New York
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Marsh Jas. P. & Co., 118 S Clinton, Chicago. Ill.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
NATIONAL GAUGE & EQUIPMENT CO. ("National," "Independent"), **La Crosse, Wis.**
See adv index at end of book
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
New England Steam Gauge Co., Penn av, Niantic, Conn.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162nd, New York City
Pittsburgh Gage & Supply Co. ("Pittsburgh" Recording), 30th & Liberty av, Pittsburgh, Pa.
Pratt & Cody Co. ("P. & C"), Hartford, Conn.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Quimby Engineering Co. ("U. S. Standard"), 450 N 10th, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star" Pressure), 53 Oliver, Boston, Mass.
Sterling Dental Mfg. Co. ("Simplex"), 7H Remington, Cambridge, Mass.
U. S. Gauge Co., 37 Liberty, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Zaubitz August, 95 Cliff, New York

5331—*Gauges (Sulphite Digester)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Surface)

See Gauges, Depth & Surface

Gauges (Syphon)

See Gauges Steam

5332— Gauges (Tank)

Nat'l Gauge & Equip't Co. ("Independent," "National"), La Crosse, Wis.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pneumercator Co., Inc., 15 Park Row, New York
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5333—Gauges (Tank Acid Metal)

Eastwood Wire Mfg. Co., Belleville, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

5334—*Gauges (Tank Gauge, Pneumatic)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5335— *Gauges (Taper)

Hartford Special Machy Co., Hartford, Conn.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5336—*Gauges (Telescoping)

STARRETT L. S. CO. (THE), (Inside), Athol, Mass. *See adv index at end of book*

Gauges (Temperature Regulating)

See Pyrometers

5336a— Gauges (Test)

See also Gauges, Steam

Boekel, Wm. & Co. (Gas Fitters), 518 Vine, Phila., Pa.
CROSBY STEAM GAUGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City

5337— Gauges (Test, Pocket)

Ashton Valve Co., 161 First, Cambridge, Mass.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

5338— Gauges (Thickness)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Coats Mach. Tool Co. ("Prestwick" Fluid Gauge), 110 W 40th, New York
Goodell-Pratt Co., Greenfield, Mass.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Randall Frank E. (Rubber), Waltham, Mass.
Randall & Stickney (Dial), Waltham, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.
Willemin Mfg. Co., Inc., **181 Eddy, Providence,** R. I.

5338a— Gauges (Thread)

Bicknell-Thomas Co. (Thread Lead), Greenfield, Mass.
Brown & Sharpe Mfg. Co. ("Acme"), Providence, R. I.
Federal Tool & Mach. Co., Camden, N. J.
Greenfield Tap & Die Corpn. ("G. T. D." Male & French, Male Limit & Limit Snap), Greenfield, Mass.
See adv index at end of book
Precision Engineering Co., Jamestown,N.Y.
See adv index at end of book
West & Dodge Co., 37H Parkman, Brighton District, Boston, Mass.

5339—Gauges (Tire Pressure)

Allen Auto Specialty Co. ("Allen" Tyrometer), 16 W 61st, New York
Apex Elec. Mfg. Co. ("Apex" Testers), 1410 W 59th, Chicago, Ill.
Azadian Gauge Mfg. Co., Eastwood, N. Y.
Improved Gauge Mfg. Co. ("Pressurite"), 105 Canal, Syracuse, N. Y.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Michelin Tire Co., Milltown, N. J.
National Gauge & Equipment Co. ("Indian Head," "Independent," "National"), La Crosse, Wis.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Schrader's A. Son, Inc. ("Schrader Universal"), Brooklyn, N. Y.
Twitchell Gauge Co. ("Twitchell"), 1516 S Wabash av, Chicago, Ill.
United States Gauge Co., 37 Liberty, New York

5340— Gauges (Track)

Aldon Co. ("Huntington"), 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("Huntington," "Cafrey-Huntington" & "McManus" Combined Track Gauge & Lever), Railway Exchange bldg, Chicago, Ill.
Disston Henry & Sons, Tacony, Phila., Pa.
Fairbanks, Morse & Co., Sheffield Plant ("The McHenry"), Three Rivers, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Iron City Tool Wks., Ltd., 3201 Smallman, Pittsburgh, Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Verona Tool Works, Oakmont, Pa.

Gauges (Twist Drill)

See Gauges, Drill

5341—Gauges (Unison Telemetric Pressure)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

5342—Gauges (Universal Screw Cutting)

Disston Henry Sons, Tacony, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Smith Otis A. (Countersunk and Depth), Rockfall, Conn.

5343— Gauges (Urn)

Haydenville Co., Haydenville, Mass.
McRae & Roberts Co. (Coffee, etc.), 100 S Campbell av, Detroit, Mich.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

5343a— Gauges (Vacuum)

See also Gauges, Steam

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crosby Steam Gauge & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
National Steam Spec. Co., 16 S Clinton, Chicago, Ill. *See adv index at end of book*
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Precision Instrument Co., 21 Halsey, Newark, N. J.

5344—Gauges (Vacuum Draft)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE, (("Foxboro"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.

5345— Gauges (Water)

American District Steam Co. ("Adsco") No. Tonawanda, N. Y.
American Safety Lamp & Mine Supply Co. (U Tube), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. (Pressure Self-Closing "Keyser" Automatic), 119 W 40th, New York
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Bridgman Bros. Co., 131 S 31st, Phila, Pa.
BRISTOL CO. ("Bristol's" Water Level), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Capitol Brass Works, 596 Franklin, Detroit, Mich.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Detroit Lubricator Co. ("Detroit" Expansion Tank), Detroit, Mich.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Haydenville Co., Haydenville, Mass.
Hoffman B. Mfg. Co. (Combination Water & Steam Gauge & "Graber" Indicating Automobile), 257 6th, Milwaukee, Wis.
Huyette Paul B. Co. (The "P. B. H." Quick Closing), 5 S 18th, Phila., Pa.
White, New York
JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson" and to Specification), Mystic av & Fellsway, Somerville. Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co. (Automatic Safety), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Monitor," Automatic & Plain). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCoy Joseph F. Co. ("Davis" imported), 157 Chambers, New York
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Marion Machine, Foundry & Supply Co. ("Alexander," for Boilers), Marion, Ind.
Michigan Lubricator Co. ("Michigan," Self-Clearing, Automatic, etc.), 3643 Beaubien, Detroit, Mich.
Northern Tool Co. ("Northern" Self-Closing Safety), Utica, N. Y.
Ohio Body & Blower Co. (Automatic Safety), 9300 Detroit av, Cleveland, O.
See adv index at end of book
Ohio Brass Co. ("O. B."), Mansfield, O.
See adv index at end of book
Ohio Injector Co., Wadsworth, O.
Okadee Co. ("Okadee" Reflex), 14 E Jackson bl., Chicago, Ill.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Pittsburgh Gage & Supply Co. ("Pittsburgh" Automatic & "Gaco" Self-Closing), 30th & Liberty av, Pittsburgh, Pa.
Pneumercator Co., Inc., 15 Park row, New York
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Reliance Gauge Column Co. ("Reliance" Level, Quick Closing), Cleveland, O.
Rich Mfg. Co. (Quick Closing), 370 Atlantic av, Boston, Mass.
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Sargent Co. ("Reflex" for Locomotives), 625 W Jackson blvd, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Schlangen Bros. Co., 2435 Irving Park blvd, Chicago, Ill.
Star Brass Mfg. Co. ("Eureka" "Star" "Water Pressure" Quincy, 53 Oliver, Boston, Mass.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
Tagliabue J. C. Mfg. Co. (Pressure, Syphon), 18 33d, B'klyn, N. Y.
United States Gauge Co., 37 Liberty, New York
Valle-Kimes Co. ("V. & K."), Dayton, O.
Van Duzen E W. Co., 428 E 2d, Cincinnati, O.
Watertown Specialty Co. ("Watertown" Automatic Safety), Watertown, N. Y.
Western Valve Co., 701 W Washington, Chicago, Ill.
Williams Gauge Co. ("Williams," "Quick Closing," "Success" & "Sterling"), 543 4th av, Pittsburgh, Pa.
Wiltbonco Mfg. Co. ("Klinger," "Reflex," "Wiltbonco"), 24 Porter, Boston, Mass.
Wright-Austin Co. ("Wright" Water pressure, self closing), 315H Woodbridge, W., Detroit, Mich.

5346—Gauges (Water Depth)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5347-8—Gauges (Water Level)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Builders Iron Foundry, 9 Codding, Providence, R. I.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Hydro Mfg. Co. (Recording), Bullitt bldg, Phila, Pa.
JERGUSON GAGE & VALVE CO. (Standard and to Specification), Mystic av & Fellsway, Somerville, Mass.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.

Gauges (Water Pressure)

See Gauges, Water

5349—*Gauges (Waterworks)

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. C., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5349a—Gauges (Welding Outfit)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
NATIONAL GAUGE & EQUIPMENT CO. ("Independent" "Natweld"), La Crosse, Wis.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
U. S. Gauge Co. ("Solfrunt"), 37 Liberty, New York

5350— Gauges (Wheel)

Gage Tool Co. ("Gage" Marking), Vineland N. J.

Gauges (Wind)

See Anemometers

5350a— *Gauges (Wire)

See also Gauges, Sheet Metal & Wire

Manhattan Electrical Supply Co., 17 Park pl, New York
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5351—Gauges (Wireman's Calculating)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

5352— Gauges (Wood Plane)

Goodell-Pratt Co., Greenfield, Mass.

5353—Gauges (Worm Thread Tool)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.

5354—Gauges (Worn Coupler & Wheel Defect)

Pratt & Whitney Co., Hartford, Conn.

5355— Gauze (Surgical)

American Gauze & Cotton Co., Inc. ("Excello," "Purity," "Quality," "White Cross"), 407 N 8th, St. Louis, Mo.
Aseptic Products Co., 237 Borden av, Long Island City, N. Y.
Aseptic Laboratories, Inc., 107 State, Rochester, N. Y.
Columbia Mills, Inc., 225 5th av, New York
Griswoldville Mfg. Co., Griswoldville, Mass.
Hygienic Fibre Co., Versailles, Conn.
Johnson & Johnson, New Brunswick, N. J.
Lewis Mfg. Co., Walpole, Mass.
New Hartford Cotton Mfg. Co., New Hartford, N. Y.
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Seabury & Johnson, 59 Maiden la, New York
Southern Aseptic Laboratories, Columbia, S. C.

5355a— *Gauze (Wire)

Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J.
See adv index at end of book

5356— Gavels

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5357— Gear Blanks

Akron-Selle Co. (Ring), Akron, O.
Allegheny Forging Co. (Steel), Keenan bldg, Pittsburgh, Pa.
Aluminum Mfrs. Inc. ("Lynite" Aluminum), 2210 Harvard av, Cleveland, O.
American Manganese Bronze Co. (Bronze), 3501 Rhawn, Phila., Pa.
American Vulcanized Fibre **Co. (Fibre),** Equitable bldg, Wilmington, Del.
Anderson Forge & Machine Co. (Drop Forged), Detroit, Mich.
Atlantic Steel Casting Co (Open hearth), Chester, Pa.
Atlas Steel Casting Co. (Cast Steel), Buffalo, N. Y.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blount Engineering Co., 100 High, Boston, Mass.
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co. **(Forged Steel), E** Boston, Mass.
Cambria Steel Co., Widener Bldg, Phila., Pa.
Carnegie Steel Co. (Rolled Steel), Carnegie bldg, Pitttsburgh, Pa.
Champion Machine & Forging Co. (Drop Forged), 3690 E 78th, Cleveland, O.
See adv index at end of book
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Continental Fibre Co. ("Bakelite-Dilecto"), Newark, Del. *See adv index at end of book*
Cramp Wm. & Sons Ship & Engine Bldg. Co. (Bronze), **Beach & Ball, Phila.,** Pa.
Damascus Bronze Co. **("Damascus,"** Bronze), N S, Pittsburgh, Pa.
DELAWARE HARD FIBRE CO., (Hard Fibre, "Egyptian"), Wilmington, Del.
See adv index at end of book
Detroit Screw Works, 348 Franklin, Detrot, Mich.
Diamond State Fibre Co. **(Hard Fibre),** Bridgeport, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Dundore Mfg. Co., 246 Orange, Reading, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Electric Welding Co. (Steel), 2114 Superior viaduct, Cleveland, O.
Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.
GANSCHOW WM. CO. (Castings & Forgings), 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
GRANT GEAR WORKS (All Kinds), Pearl & Purchase, Boston, Mass.
See adv index at end of book
Hammond Steel Co. Inc. (Case Hardening), Solway, N. Y.
Hills-McCanna Co. (Bronze), 2025 Elston av, Chicago, Ill.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Interstate Foundry Co. (Light & Heavy), E 61st & Erie R. R., Cleveland, O.
Irvington Mfg. Co. (Drop Forged), Irvington, N. J.
JOHNSTON & JENNINGS CO., Addison rd., N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Ladish Drop Forge Co. (Forged), Cudahy, Wis.
Lake Erie Forge & Machine Co., Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
National Fibre & Insulation Co. **(Fibre),** Yorklyn, Del. *See adv index at end of book*
New England Forge Co., Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Park Drop Forge Co. (Drop Forged), 760 E 79th, Cleveland, O.
Philadelphia Gear Works, East Vine, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Phila. Steel & Forge Co. (Forged Steel), 50 Church, New York
Pollak Steel Co., Cincinnati, O.
Smith A. O. Corp. (Drop Forged), Milwaukee, Wis.
Spaulding J. & Sons Co., Inc. (Hard Fibre), P O Box 52, Tonowanda, N. Y.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
STRONG STEEL FOUNDRY CO. (Cast Steel), Buffalo, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Titanium Bronze Co., Niagara Falls, N. Y.
Titusville Forge Co. (Steel), Titusville, Pa.
U. S. Automatic Co., Amherst, O.
Western Drop Forge Co. (Drop Forged), P O Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del.
Worcester Pressed Steel Co., Worcester, Mass.
Wyman-Gordon Co. **(Automobile),** Worcester, Mass.

5358— Gear Blanks (Rawhide)

See also Gears & Pinions, Rawhide

Chicago Rawhide Mfg. Co., 1301 Easton av, Chicago, Ill.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Holbrook Raw Hide Co., 748 No Main, Providence, R. I.
Horsburgh & Scott Co., 5114 Hamilton, N E, Cleveland, O.
Western Rawhide & Belting Co., 600 So. Pierce, Milwaukee, Wis.

5359— Gear Blanks (Steel)

See also Gear Blanks

Atlantic Steel Castings Co., Chester, Pa.
Camden Forge Co., (Pinion), Camden, N. J.
Crucible Steel Forge Co., 6609 Grant av, Cleveland, O. *See adv index at end of book*
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Hammond Steel Co., Inc., Syracuse, N. Y.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5360— *Gear Bronze

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5361— Gear Cases

Columbia Machine Works & Malleable Iron Co. ("Columbia" Malleable Iron, Sheet Steel, Welded or Riveted), Atlantic av, and Chestnut, Brooklyn, N. Y.
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works. Sales Office: 40 Church, New York. Works: **Dover, N. J** *See adv index at end of book*
Dundore Mfg. Co., 246 Orange, Reading, Pa.
Electric Service Supplies Co. ("Lyon" Reinforced Steel, "Keystone" Steel), 17th & Cambria, Phila., Pa.
Globe Machine & Stamping Co. (Pressed Steel), 1250 W 76th, Cleveland, Ohio
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
Thayer & Co. ("Chillingworth" One-Piece Seamless & Weldless), 111 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

5362—*Gear Cases (Car Motor)

WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

5362a—Gear (Locomotive Valve)

Philadelphia Gear Works, East Vine, Phila., Pa.
Shaw Propeller Co., 15 Elkins, Boston, Mass.
Southern Locomotive Valve Gear Co., Knoxville, Tenn.
Standard Valve Gear Co., Toledo, O.

5363—Gear (Locomotive, Valve)

Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book

5364—Gear Protective Composition

Plomo Specialty Mfg. Co., Belmont bldg., Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Whitmore Mfg. Co., Iron ct. & Erie Ry., Cleveland, O.

5365— Gear Shifts (Electric)

(For Gasoline Automobiles)

Eclipse Machine Co. (Automobile), 18th, Elmira, N. Y.
U. S. Auto Gear Shift Co. ("Laursen" Hydraulic), Eau Claire, Wis.

5365a—*Gear Shifts (Magnetic)

CUTLER-HAMMER MFG. CO., 12th & Paul av, Milwaukee, Wis.
See adv index at end of book

5366— *Gearing (Cane Mill)

GANSCHOW WM. CO., 1001 Washington, blvd, Chicago, Ill.
See adv index at end of book
HUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5366a— *Gearing (Mill)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Vaughn Machinery Co. (Enclosed Drive Heads), Cuyahoga Falls, O.
See adv index at end of book

5367-8— Gearing (Skylight)

See also Skylight & Ventilating Apparatus
Weiss H. & Co., 83 John, New York

5369—Gearing (Wharf Drop)

American Engineering Co. ("Winters"), Aramingo & Cumberland, Phila., Pa.
HINDLEY GEAR CO., 1105 Frankford av, Phila, Pa. *See adv index at end of book*
Meisel Press Mfg. Co. (Medium Pitch), 943 Dorchester av, Boston, Mass.

5369a— Gears

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Dow L. B. (Wood & Iron up to 10 inch), Keene, N. H.
GANSCHOW WM. CO. ("Bakelite"), 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Earle Gear & Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
Grey Mach. Tool Co., 2649 Main, Buffalo, N. Y.
Janney & Co., Montgomery, Ala.
PHILADELPHIA GEAR WORKS, East Vine, Phila , Pa
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Poole Engineering & Machine Co. (Turbo), H Woodberry Sta., Baltimore, Md.
Pullman Ventilator & Mfg. Co., York, Pa.
Stevenson Gear Co., 942 Daly, Indianapolis, Ind.
Withers Foundry & Machine Works, Atlanta, Ga.

5369b— Gears (Aeroplane)

Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book

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Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa.

5369c— Gears (Angle)

Dundore Mfg. Co., Reading, Pa.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Meachem Gear Corp., Syracuse, N. Y. *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.

5370— Gears (Automobile)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Die & Tool Co., Reading, Pa.
Anderson Rolled Gear Co., Berea rd. & L. S. & M. S. Ry, Cleveland, O.
Blount Engineering Co., 100 High, Boston, Mass.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Brown-Lipe-Chapin Co., Syracuse, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bultman F. H. Co., 2108 Superior via, Cleveland. O.
C. A. S. Products Co., Columbus, O.
Carpenter-Tew Gear Co., 67 35th, B'klyn, N. Y.
Cotta Transmission Co. ("Cotta" motor truck & tractor), Rockford, Ill.
Crofoot Gear Works, Cambridge, Mass.
Davis Rodney, 624 Race, Phila., Pa.
Dundore Mfg. Co., 246 Orange, Reading, Pa.
Durston Gear Co., Syracuse, N. Y.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.
Federal Gear Co. of Cleveland, Cleveland, O.
FOOTE BROS. GEAR & MACHINE CO., 213 N. Curtis, Chicago, Ill. *See adv index at end of book*
Forg Peter Mfg. Co., 50 Park, Somerville, Mass.
Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
GLEASON WORKS (Equalized), 1000 University av, Rochester, N. Y. *See adv index at end of book*
GRANT GEAR WORKS, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Hill-Smith Metal Goods Co., ("H.-S."), 82 Brookline av., Boston, Mass.
Johnson Gear Co., 735 Folsom, San Francisco, Cal.
Light Mfg. & Foundry Co., Pottstown, Pa.
Mecca Machinery Co., 85-87 Adams, Brooklyn, N. Y. *See adv index at end of book*
Mechanics Machine Co. (Transmission), Rockford, Ill.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Muncie Gear Works, Muncie, Ind.
National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
New Process Gear Corp., Syracuse, N. Y.
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
Pacific Gear & Tool Wks., 1055 Folsom, San Francisco, Cal.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Philadelphia Gear Works, East Vine, Phila., Pa. *See adv index at end of book*
Pullman Ventilator & Mfg. Co., York, Pa.
Ross Gear & Tool Co., Lafayette, Ind.
Russel Motor Axle Co., Chene & B L RR, Detroit, Mich.
Spacke Machine & Tool Co., Indianapolis, Ind.
Tichenor F. C. Gear Works, Peoria, Ill.
Vahan Products Co., 73d & St. Clair, Cleveland, O.
Van Dorn & Dutton Co., 2978 Woodhill, **Cleveland, O.**
Virtue & Pound Co., Owatonna, Minn.
Wall R. C. Mfg. Co., 228 N 15th, Phila., Pa.
Warner Gear Co. (Carbon & Alloy Steel), Muncie, Ind.
Weekes-Hoffman Co., Syracuse, N. Y.
WILLIAMS J. H. & CO. (Forgings), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

5371—Gears (Automobile Speed)

Dundore Mfg. Co., Reading, Pa.
Grant Gear Works, Pearl and Purchase, Boston, Mass.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Philadelphia Gear Works, East Vine, Phila., Pa.
Romort Manfg. Co. ("Romort"), Dept. H, Main and Hubbard, Oakfield, Wis.
Vahan Products Co., 73d & St. Clair, Cleveland, O.

5372—Gears (Automobile Steering)

Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Bultman F. H. Co., 2108 Superior via, Cleveland, O.
Crofoot Gear Works, Cambridge, Mass.
Gemmer Mfg. Co., 741 Merrick, Detroit, Mich.
Gleason Works, 1000 University av, Rochester, N. Y. *See adv index at end of book*
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Lavine Gear Co., Racine, Wis.
Philadelphia Gear Works, East Vine, Phila., Pa.
Schweppe & Wilt Mfg. Co., Mt. Elliott & Conant, Detroit, Mich.
Sharp L. C. Mfg. Co., Plattsmouth, Neb.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Wappat Gear Works, Meade & Braddock av, Pittsburgh, Pa.
Warner Corp., Muncie, Ind.

Foote Gears



Foote Gears

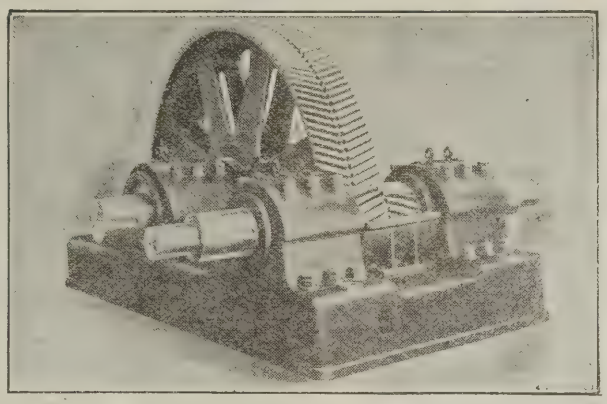
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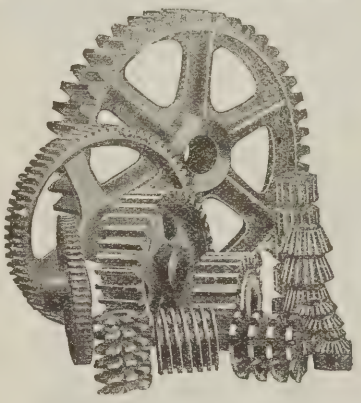
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Warner Gear Co., Muncie, Ind.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book

5372a—Gears (Bakelite Micarts)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works, Norfolk Downs, Quency, Mass.
See adv index at end of book
BRAUN GEAR CORPN., 1323 Gates av, Brooklyn, N. Y.
Earl Gear & Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
GERDES & CO., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5372b— Gears (Bevel)

American Die & Tool Co., Reading, Pa.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Braun Gear Corp., 1323 Gates av, Brooklyn, N. Y.
Caldwell H. W. & Son Co., Dept. H, 17th and Western av, Chicago, Ill.
Earle Gear & Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
Federal Gear Co. of Cleveland, Cleveland, O.
Ganschow Wm. Co., 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass.
See adv index at end of book
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
PHILADELPHIA GEAR WORKS, East Vine, Phila., Pa.
Remacle-Hammel Gear & Machine Works, Inc., 23 Rose, New York
Simonds Mfg. Co., Liberty and 25th, Pittsburgh, Pa.
Stahl Gear & Machine Co., 1390 E 40th, Cleveland, O.

5373—Gears (Boom Swinging)

Clyde Iron Works Sales Co., Duluth, Minn.
Dake Engine Co., Grand Haven, Mich.
English Iron Wks. Co., Leeds, Mo.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5373a— Gears (Brass)

American Safety Lamp and Mine Supply Co., Scranton, Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Crescent City Machine & Mfg. Works, 631 Tchoupitoulas, New Orleans, La.
Diefendorf Gear Corp., Syracuse, N. Y.
Earle Gear & Machine Co., Stenton & Wyoming av, Philadelphia, Pa.
Grant Gear Works, Pearl and Purchase, Boston, Mass.
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MEACHEM GEAR CORP., Syracuse, N. Y.
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Wilkin Geo. H. Co., 180 N Market, Chicago, Ill.

5374—Gears (Brick Machinery)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington, blvd, Chicago, Ill.
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5374a— *Gears (Bronze)

Earle Gear and Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Philadelphia Gear Works, East Vine, Phila., Pa.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

5374a1— Gears (Cane Mill)

Diefendorf Gear Corp., Syracuse, N. Y.
Dundore Mfg. Co., Reading, Pa.
Earle Gear & Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
Fawcus Machine Co. (Up to 20" Die), 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.

5375— Gears (Car Motor)

Dundore Mfg. Co., Reading, Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO. (Steel), Schenectady, N. Y.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
McNab Co. ("McNab Steamship"), Bridgeport, Conn.
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Pullman Ventilator & Mfg. Co., York, Pa.

5375a— Gears (Cast Iron)

Am. Die & Tool Co., Reading, Pa.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Diefendorf Gear Corp., Syracuse, N. Y.
Dundore Mfg. Co., Reading, Pa.
Earle Gear & Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Gerders & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Meachem Gear Corp. (& Steel), Syracuse, N. Y. *See adv index at end of book*
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
PHILADELPHIA GEAR WORKS, East Vine, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5376—Gears (Cement Machinery)

See also Gears, Cut; also Machine Molded
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Earle Gear and Machine Co., Stenton and Wyoming av, Philadelphia, Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Tool Steel Gear & Pinion Co., Township av & Emwood pl, Cincinnati, O.

5376a—*Gears (Charcoal Iron)

Dundore Mfg. Co., Reading, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5377—*Gears (Clock, Meter, Instrument, Etc.)

Eby H. H. Mfg. Co., 1302 Wallace, Philadelphia, Pa. *See adv index at end of book*
Grant Gear Works, Pearl and Purchase, Boston, Mass *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.
PLUMB D. S. (Small Gears & Pinions for All Purposes), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

5377a— *Gears (Cloth)

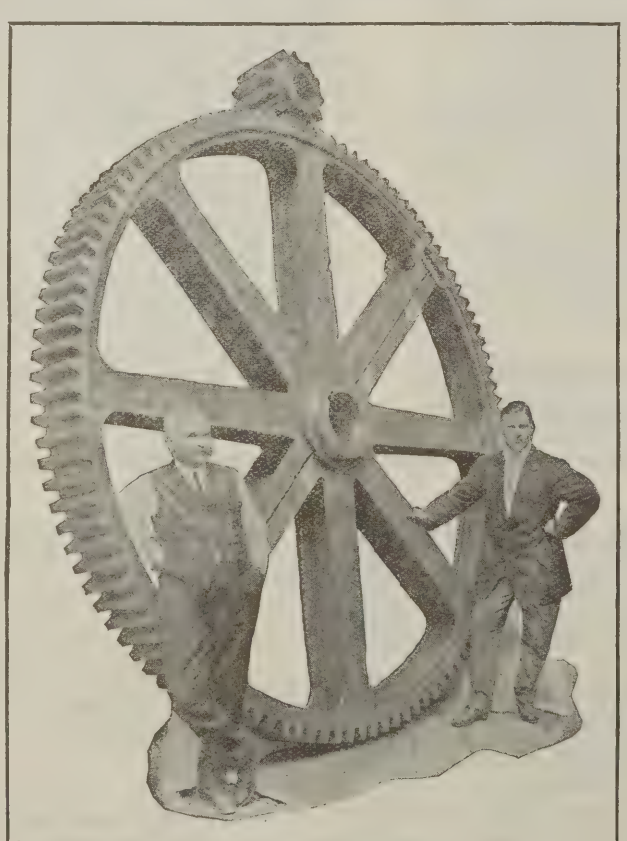
GERDES & CO., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl and Purchase Boston, Mass *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.

5377b—Gears (Compensating)

Dundore Mfg. Co., Reading, Pa.
Grant Gear Works, Pearl and Purchase Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.

5378— Gears (Cut)

Acme Gear Works, Inc., Mills, Astoria, L. I., N. Y.



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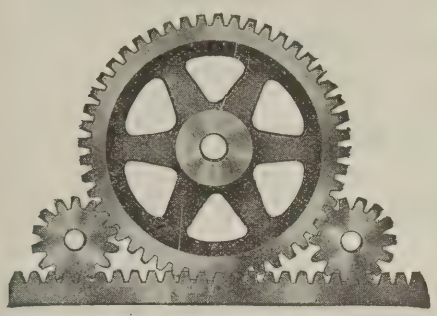
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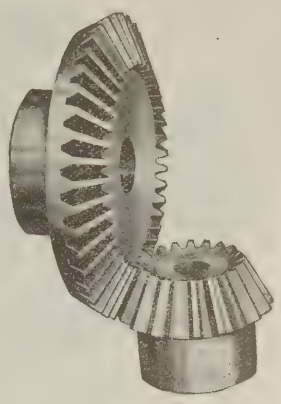


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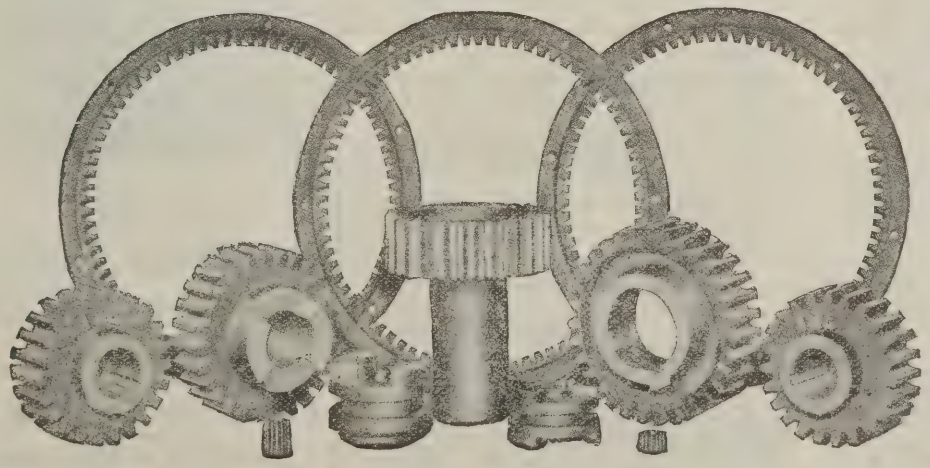
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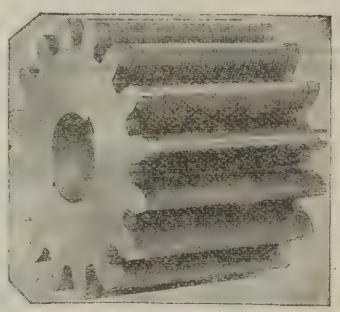
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Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
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Philadelphia Gear Works, East Vine, Phila., Pa.

5380— Gears (Fibre)
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MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
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Philadelphia Gear Works, East Vine, Phila., Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
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United Iron Works Co., Inc., Kansas City, Mo.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

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Bultman F. H. Co., 2108 Superior via, Cleveland, O.
Continental Motor Mfg. Co., Muskegon, Mich.
Crofoot Gear Works, Cambridge, Mass.
Crossley Lead & Mach. Co. (Steam), Erie, Pa.
Detroit Standard Gear Co. ("Standard"), Detroit, Mich.
Evans Stamping & Plating Co. ("Paragon"), Taunton, Mass.
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gies Gear Co. ("Gies" for Gasoline Motor Boats), Boydell Bldg., Detroit, Mich.
Gleason Works, 1000 University av, Rochester, N. Y. *See adv index at end of book*
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
HINDLEY GEAR CO., 1105 Frankford av, Phila, Pa.
See adv index at end of book
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Johnson, Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Meisel Press Mfg Co., 942 Dorchester av, Boston, Mass.
Michigan Wheel Co., Grand Rapids, Mich.
Milwaukee Auto. Engine & Supply Co., 841 29th, Milwaukee, Wis.
New York Gear Works ("Ball" Improved Reverse Gear for Motor Boats), 56 Greenpoint av, Brooklyn, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Paragon Gear Works, Taunton, Mass.
Philadelphia Gear Works, East Vine, Phila., Pa.
Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, Ohio
Waterman Motor Co., 235 Mt. Elliott av, Detroit, Mass.

5389—Gears (Marine Steering)

Bethlehem Shipbuilding Corp. Ltd. (Steam, Electric & Hand of Vessels for All Types), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bultman F. H. Co., 2108 Superior av, Cleveland, O
Crofoot Gear Works, Cambridge, Mass.
Dake Engine Co. (Steam), Grand Haven, Mich.
Durkee Chas. D. & Co. (Hand), 2 South, New York
Edson Mfg. Co. ("Edson," Hand), 257 Atlantic av, Boston, Mass.
Evans C. H. & Co. ("Evans," Steam), 187 Fremont, San Francisco, Cal.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av., Phila., Pa.
See adv index at end of book
Hyde Windlass Co. ("Brown" Steam), Bath, Me.
Johnson Gear Co.; 737 Folsom, San Francisco, Cal.
Laughlin Thomas Co. (Hand), Portland, Me. *See adv index at end of book*
Lockwood Mfg. Co. ("Reeds" Hand"), 44 N Market, Boston, Mass.
McNab Co. (Brown Bros "Telemoter"), Bridgeport, Conn.
Marine Hardware Co. (Hand), Peabody, Mass.
Marine Mfg. & Supply Co. ("Columbia," "Lavarck," "Planet," Hand), 158 South New York
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Pawling & Harnischfeger Co. (Steam), Milwaukee, Wis.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Philadelphia Machine Works (Steering Engines), 67 Laurel, Phila., Pa.
Stoddart A. P. & Co. (Hand), Gloucester, Mass.
Textile Finishing Machinery Co. (Steam), 171 Westminster, Providence, R. I.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Wilcox, Crittenden & Co., Inc. ("W. C."), Middletown, Conn.
See adv index at end of book
Williamson Bros. Co. (Steam), Aramingo & Cumberland, Phila., Pa.

5389a—*Gears (Marine Turbine)

General Electric Co., Schenectady, N. Y.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.

5390— Gears (Mill)

See also Gears, Cut

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bethlehem Steel Co., South Bethlehem, Pa.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Brown A. & F. Co., 79 Barclay, New York.
DODGE SALES & ENGINEERING CO. (Cast or Mortise), Mishawaka, Ind.
Dundore Mfg. Co., 246 Orange, Reading, Pa.
Earle Gear & Machinery Co., Stenton & Wyoming av, Phila., Pa.
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Garrison A. Foundry Co. ("Haskins," Double Spiral for Rolling Mills, etc), 901 Bingham, Pittsburgh, Pa.
GERDES & CO., 42 Church, New York
See adv index at end of book
Gleason Works, 1000 University av, Rochester, N. Y. *See adv index at end of book*
Grant Gear Works, Pearl & Purchase, Boston, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Link-Belt Co., 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
MEACHEM GEAR CORP., Syracuse, N. Y.
See adv index at end of book
Meisel Press Mfg Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, E Vine, Phila., Pa.
Pittsburgh Rolls Corp., 41st & Willow, Pittsburgh, Pa.
Simpson-Orville Co, Cincinnati, Ohio
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

5391— Gears (Mine Motor)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO. 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO. ("Fabroil") Schenectady, N. Y.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5392—Gears (Mining Machine)

See also Gears, Cut

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5392a— Gears (Mitre)

See also Gears, Cut

American Die & Tool Co., Reading, Pa.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Caldwell H. W. & Son Co., Dept. H, 17th & Western av, Chicago, Ill.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
MEACHEM GEAR CORP., Syracuse, N. Y.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5392b— Gears (Mortise)

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Portland Iron Works, 14th & Northrup, Portland, Oreg.
Smith S. Morgan Co., York, Pa.
See adv index at end of book

5393— Gears (Nickel Steel)

American Die & Tool Co., Reading, Pa.
Diefendorf Gear Corp., Syracuse, N. Y.
Dundore Mfg. Co., Reading, Pa.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.

5394— Gears (Noiseless)

American Die & Tool Co., Reading, Pa
Diefendorf Gear Corp., Syracuse, N. Y.
Formica Insulation Co. ("Formica"), 4614 Spring Grove av, Cincinnati, O.
GERDES & CO., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Wilmington Fibre Specialty Co., Wilmington, Del.

Gears (Rawhide)

See Gears & Pinions, Rawhide

5395— Gears (Reduction)

See also Gears, Cut
See also Variable Speed Transmission

American Die & Tool Co., Reading, Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Dundore Mfg. Co., Reading, Pa.
FALK CORP. (Turbine), Foot 30th, Milwaukee, Wis. *See adv index at end of book*
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 213 N. Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GERDES & CO , 42 Church, New York
See adv index at end of book
Harris-Clark Co., Westfield, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Kerr Turbine Co., Wellsville, N. Y.
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
Moore Steam Turbine Corp., Dept H, Wellsville, N. J.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Poole Engineering & Machine Co., H, Woodberry Sta., Baltimore, Md.

Gears (Reversing)

See Gears, Marine Reversing

5396— Gears (Rolling Mill)

See also Gears, Mill

FALK CORP., Foot 30th, Milwaukee, Wis., *See adv index at end of book*
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa.

5396a—Gears (Silent Chain)

Diefendorf Gear Corp., Syracuse, N. Y.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Morse Chain Co., Ithaca, N. Y.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5397— Gears (Small)

American Die & Tool Co., Reading, Pa.
Dundore Mfg. Co., Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Philadelphia, Pa.
Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Johansson C. E. Inc. ("Johansson Adjustable) Poughkeepsie, N. Y.
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
PLUMB D. S. (Small Gears & Pinions for Clocks, Meters, Gauges & Recording & Scientific Instruments, etc), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book
Precision Engineering Co., Jamestown, N. Y. *See adv index at end of book*
Pullman Ventilator & Mfg. Co., York, Pa.
Yaxley Manfg. Co., 1101 W Monroe, Chicago, Ill.

5398— Gears (Solid Forged)

Akron Gear & Engineering Co., 55 E South, Akron, O.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5399—Gears (Speed Reducing)

American Die & Tool Co., Reading, Pa.
DeLaval Steam Turbine Co. (For Steam Turbines), East Trenton, N. J.
Dundore Mfg. Co., Reading, Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Jones Gear Co., Wayside rd & Nickel Plate R. R., Cleveland, O.
Kerr Turbine Co., Wellsville, N. Y.
Moore Steam Turbine Corp., Dept. H, Wellsville, N. Y.
Philadelphia Gear Works, East Vine, Phila., Pa.

Gears (Spiral)

See Gears, Cut

Gears (Spur)

See Gears, Cut

Gears (Steering)

See Gears, Automobile, Steering; also Gears, Marine, Steering

5400—Gears (Steering, Semi-Reversible)

Jackson, Church & Wilcox Co., Saginaw, Mich.
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa.

5401—Gears (Street Car Axle)

Catskill Foundry & Machine Co., Catskill, N. Y.
Cleveland Gear Works, Cleveland, O.
Gear Grinding Machine Co. (Ground), 2296 E. Gd. blvd, Detroit, Mich.
GENERAL ELECTRIC CO. (Steel), Schenectady, N. Y.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Worcester Gear Works, Worcester, Mass.

5401a— *Gears (Timing)

GENERAL ELECTRIC CO. ("Fabroil") Schenectady, N. Y.
See adv index at end of book

5402—Gears (Tractor Transmission)

American Die & Tool Co., Reading, Pa.
Cotta Transmission Co. ("Cotta"), Rockford, Ill.
Dundore Mfg. Co., Reading, Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Jones Gear Co., Wayside Road & Nickel Plate R. R., Cleveland, Ohio.
MECCA MACHINERY CO., 85-87 Adams, Brooklyn, N. Y.
See adv index at end of book
Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5403—Gears (Transmission or Speed Changing)

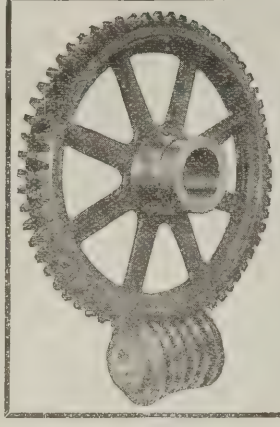
Akron Gear & Engineering Co., 55 E South, Akron, O.
AMERICAN DIE & TOOL CO., Reading, Pa.
Blood Bros. Machine Co., Allegan, Mich.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Brown, Lipe Gear Co. (Automobile), Syracuse, N. Y.
Brown & Sharpe Mfg. Co. (Repair Parts), Providence, R. I.
Buffalo Engine Co. ("Salisbury"), Buffalo, N. Y.
Cady C. N. Co., Canastota, N. Y.
Cotta Transmission Co. ("Cotta"), Rockford, Ill.
Crofoot Gear Works, Cambridge, Mass.
Cross Gear & Engine Co., 800 Bellevue, Detroit, Mich.
Detroit Gear & Machine Co., 129 Franklin, Detroit, Mich.
Detroit Standard Gear Co. (Automobile & Transmission), Detroit, Mich.
Dundore Mfg. Co., Reading, Pa.
Durston Gear Co., Syracuse, N. Y.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fitch Gear Co., Rome, N. Y.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gear Grinding Machine Co. (Ground), 2296 E Gd. blvd, Detroit, Mich.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Gies Gear Co., Boydell Bldg., Detroit, Mich.
GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book
GRANT GEAR WORKS, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Grant-Lees Gear Co., 2369 E 69th, Cleveland, Ohio
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Jones Gear Co., Wayside Road & Nickel Plate R. R., Cleveland, Ohio.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Light Mfg. & Fdry. Co. (Automobile), Pottstown, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lurie John Inc., 1789 B'way, New York
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
Mecca Machinery Co., 85-87 Adams, Brooklyn, N. Y.
See adv index at end of book
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Milwaukee Auto Engine & Supply Co., 841 29th, Milwaukee, Wis.
Muncie Gear Works, Muncie, Ind.
Murray W. B., N Winchester & Wabansia avs, Chicago, Ill.
New York Gear Works ("Ball" Improved), 56 Greenpoint av, Brooklyn, N. Y.
Noye Bros. Co., Buffalo, N. Y.
NUTTALL R. D. CO. (Repair Parts), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Philadelphia Gear Works, East Vine, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Rutenber Motor Co., Marion, Ind.
Sawyer Gear & Mfg. Co., 5120 St. Clair av N. E, Cleveland, O.
Sier-Bath Co., 143 W 54th, New York
Syracuse Gear Co., Syracuse, N. Y.
Tichenor F. C. Gear Works, Peoria, Ill.
Toepfer Frank Sons, 460 National av, Milwaukee, Wis.
Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Virtue & Pound Co., Owatonna, Minn.
Warner Corp., Muncie, Ind.
Warner Gear Co. (Automobile), Muncie, Ind.
Waterbury Tool Co. ("Waterbury" Hydraulic Speed, Variable), Waterbury, Conn.

5404—Gears (Vanadium Steel)

Chain Belt Co., Milwaukee, Wis.
Crofoot Gear Works, Cambridge, Mass.
Dundore Mfg. Co., Reading, Pa.
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Philadelphia Gear Works, East Vine, Phila., Pa.
WILLIAMS J. H. & CO. (Drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

5405— Gears (Wagon)

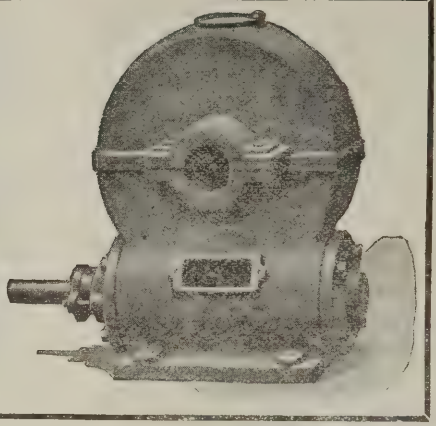
Akron-Selle Co., Akron, O.
Deere John Wagon Works (Farm, Teaming & Coal), Moline, Ill.
Dundore Mfg. Co., Reading, Pa.
Eureka Bending & Wheel Works (Wood), York, Pa.
Fitch Gear Co., Rome, N. Y.
Grant Gear Works, Pearl and Purchase, Boston, Mass. *See adv index at end of book*
Herbrand Co., Fremont, O.
Little J. R. Metal Wheel Co. (Steel), Quincy, Ill.
Owensboro Wagon Co., Owensboro, Ky.
Pay Chas. & Co. (Steel Frame, Low Gears), 307 S Water, Providence, R. I.
Philadelphia Gear Works, East Vine, Phila., Pa.
Pekin Wagon Co., Pekin, Ill.
Studebaker Corp., South Bend, Ind.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
York Wagon Gear Co. (Carriage), York, Pa.



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AND
WORM GEAR DRIVES

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Catalogue on Request

HINDLEY GEAR COMPANY
1105 Frankford Ave.
Philadelphia Penna.



5406— Gears (Worm)

Acme Machine Works, 1500 N 18th, St. Louis, Mo.
Akron Gear & Engng. Co., 55 E South Akron, O.
ALBAUGH-DOVER CO., 2100 Marshall blvd, Chicago, Ill.
Albro-Clem Elevator Co. ("Hindley," "Albro"), D & Erie, Phila., Pa.
American Die & Tool Co., Reading, Pa.
Arthur Co., 188 Front, New York
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bickett Machine & Mfg. Co., Cincinnati, Ohio
Bilgram Machine Works, 1235 Spring Garden, Phila., Pa.
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works ("Boston") Norfolk Downs, Quincy, Mass.
See adv index at end of book
Brown A. & F. Co., 79 Barclay, New York
Brown & Sharpe Mfg. Co., Providence, R. I.
Bultman F. H. Co., 2108 Superior via Cleveland, O.
Caldwell H. W. & Son Co. ("Caldwell-Walker"), 17th & Western av, Chicago, Ill.
Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.
Chain Belt Co., Milwaukee, Wis.
Cincinnati Gear Co., 1815 Reading rd, Cincinnati, O.
Cleveland Worm & Gear Co. (Worm Gear Reduction), 1667 E 40th, Cleveland, O.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston, 22, Mass.
See adv index at end of book
Crofoot Gear Works, Cambridge, Mass.
Cross Gear & Engine Co., 800 Bellevue, Detroit, Mich.
Damascus Bronze Co. ("Damascus" Bronze for Rolling Mills, etc), N S, Pittsburgh, Pa.
Davis Rodney, 624 Race, Phila, Pa.
Dundore Mfg. Co., 246 Orange, Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
Eastwood Benj. Co., Paterson, N. J.
FAWCUS MACHINE CO. (Steel, Iron, Bronze), 2818-2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book

WORM GEARS
Also
Complete Worm Gear Drives
GERDES & CO., Inc.
42 Church St. New York City

GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book
GRANT GEAR WORKS, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Hills-McCanna Co. (Bronze), 2025 Elston, Chicago, Ill.
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Horsburgh & Scott Co., 5114 Hamilton av N E, Cleveland, O.
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Meachem Gear Co., Syracuse, N. Y.
See adv index at end of book
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
MEISSELBACH-CATUCCI MFG. CO. (Small), 56 Stanton, Newark, N. J.
See adv index at end of book
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
More-Jones Brass Metal Co. (Phosphor Bronze), B'way & Dock, St. Louis, Mo.
National Bronze & Aluminum Fdry. Co., 2539 E 79th, Cleveland, O.
National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
Newark Gear Cutting Machine Co. (Worm Wheels Generated), 69 Prospect, Newark, N. J.
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Pacific Gear & Tool Wks., 1035 Folsom, San Francisco, Cal.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Philadelphia Gear Works (Brass, etc), East Vine, Phila., Pa.
Pittsburgh Gear & Mach. Co., 27th & Smallman, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Mach. Co., Woodberry sta, Baltimore, Md.
Sawyer Gear & Mfg. Co., 5120 St. Clair, N E, Cleveland, O.
Simonds Mfg. Co. (For Electric Railways, etc), Liberty & 25th, Pittsburgh, Pa.
Stahl Gear & Machine Co., 1390 E 40th, Cleveland, O.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Tichenor F. C. Gear Works, Peoria, Ill.
Titanium Bronze Co. Inc., Niagara Falls, N. Y.
TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rennsselaer, Albany, N. Y.
See adv index at end of book
Turley Gear & Machine Co., 1505 N. 10th, St. Louis, Mo.
Union Gear & Machine Co., 27 Purchase, Boston, Mass.
United Iron Works, Inc., Kansas City, Mo.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Wappat Gear Works, Dept. H, Meade & Braddock av, Pittsburgh, Pa.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Woburn Gear Works, Woburn, Mass.

5407— Gears (Worm Bevel)

Dundore Mfg. Co., Reading, Pa.
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa

5408—Gears (Worm Gear Reduction)

See also Gears, Cut

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
See adv index at end of book
Dundore Mfg. Co., Reading, Pa.
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gerdes & Co. Inc., 42 Church, New York
See adv index at end of book

WORM GEAR REDUCTIONS
Also Spurs—Bevels—Rawhide Pinions—Silent Drives
GERDES & CO., Inc.
42 Church St. New York City

Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.

5408a— Gears & Pinions

See also Gears, Cut; also Gears, Machine Molded

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Delaware Hard Fibre Co. (Fibre, "Egyptian"), Wilmington, Del.
See adv index at end of book
Dundore Mfg. Co., Reading, Pa.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa.
Tool Steel Gear & Pinion Co., Township av & Elmwood pl
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
Wilmington Fibre Specialty Co., Wilmington, Del.

Gears & Pinions (Automobile)

See Gears, Automobile

5409—Gears & Pinions (Case Hardened)

Dundore Mfg. Co., Reading, Pa.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Stroh Steel Hardening Process Co., 1st National Bank bldg, Pittsburgh, Pa.

5410—Gears & Pinions ("Fabroil")

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Philadelphia Gear Works, East Vine, Phila., Pa.

5410a—Gears & Pinions (Mill)

See also Gears, Mill

Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Dundore Mfg. Co., Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Philadelphia Gear Works, East Vine, Phila., Pa.

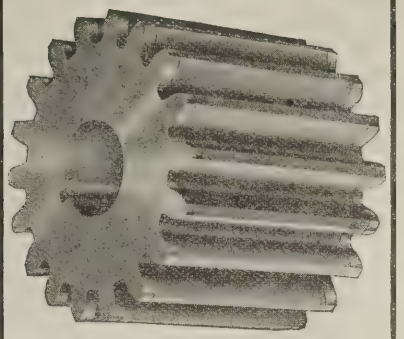
5411—Gears & Pinions (Rawhide)

See also Gears, Cut

ALBAUGH DOVER CO., 2100 Marshall blvd, Chicago, Ill.
See adv index at end of book
American Die & Tool Co., Reading, Pa.
Diefendorf Gear Corp., Syracuse, N. Y.
Dundore Mfg. Co., Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GERDES & CO., 42 Church, New York.
See adv index at end of book
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
MEACHEM GEAR CORP., Syracuse, N. Y.
See adv index at end of book
MECCA MACHINERY CO., 85-87 Adams, Brooklyn, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila., Pa.
Stahl Gear & Mach. Co., 1390 E 40th, Cleveland, O.

5412—Gears & Pinions (Vanadium)

Crofoot Gear Works, Cambridge, Mass.
Dundore Mfg. Co., 246 Orange, Reading, Pa.
GRANT GEAR WORKS, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Johnson Gear Co., 737 Folsom, San Francisco, Cal.
Mackintosh-Hemphill Co. (Chrome & Nickel), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Meisel Press Mfg. Co., 942 Dorchester av Boston, Mass.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. Works: Homestead, Pa.
See adv index at end of book
Ohio Steel Foundry Co., Lima, O.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.



RAWHIDE
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PINIONS

For Silent Drives

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42 CHURCH STREET, N. Y. C.
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Philadelphia Gear Works, East Vine, Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Van Dorn & Dutton Co., 2978 Woodhill Cleveland, O.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

5412a— Gelatin Dynamite

Atlas Powder Co., Wilmington, Del.
McAbee G. R. Powder & Oil Co., Oliver bldg, Pittsburgh, Pa.

5413— Gelatine Mfrs.

Amer. Agrl. Chem. Co., 2 Rector, New York
American Glue Co., 121 Beverly, Boston, Mass.
Armour Glue & Ammonia Works, San Francisco, Cal.
Baeder, Adamson & Co., Richmond & Allegheny av, Phila., Pa.
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Bischoff C. & Co. (For Photo Purposes, Imp), 451 Washington, New York
Brigham Sheet Gelatine Co. (White & Colored), 276 Pearl, New York.
California Glue Works, Fairfax av & Rankin, San Francisco, Cal.
Clarkson Glue Co., 3259 Shields av, Chicago, Ill.
Commonwealth Glue Co., Drexel bldg, Phila., Pa.
Cooper's Peter Glue Factory, 11th av & 28th, New York
Crystal Gelatine Co., 121 Beverly, Boston, Mass.
Dann T. W. Co., 248 Front, New York
Diamond Glue Co., Robinson & Ill. Mich. Canal, Chicago, Ill.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Explosives Div. (Blasting), Wilmington, Del.
See adv index at end of book
Essen Gelatine Co., 40 N Market, Boston, Mass.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
HEWITT, C. B. & BROS. (Jobbers), 20 Ferry, New York
See adv index at end of book
Isaacs S. & Co. (Imp), 100 William, New York
Kind & Landesmann, Camden, N. J.
Midland Glue Co., Madison, Ind.
Morningstar Chas. & Co., Inc. (Imp.), 349 Broadway, New York
Pfaltz & Bauer (Imp), 300 Pearl, New York
Stevenot Chas. J. & Co. (Imp), 388 Pearl, New York
Sullivan Jas. & Son, Marblehead, Mass.
Townsend Chas. & Bro., 276 Pearl, New York
United Chem. & Organic Products Co., 111 W Washington, Chicago, Ill.

5413a— *Gelatine Sheet

Barr Chemical Co., 255 Douglas, Brooklyn, N. Y.
Brigham Sheet Gelatine Co. (White & Colored), 276 Pearl, New York

5413b—Generating Cooling Systems

Sturtevant B. F. Co. (Sturtevant), 15 Damon, Hyde Park, Boston, Mass.

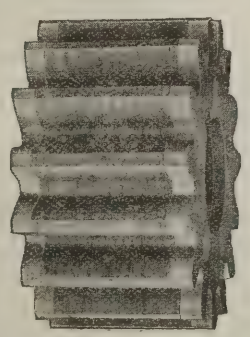
5413c—*Generating Sets (Gas-Electric)

Sturtevant B. F. Co. ("Sturtevant") (Also Marine), 15 Damon, Hyde Park, Boston, Mass.

5414—Generating Sets (Motor)

See also Dynamos & Motors

Allis-Chambers Mfg. Co., Milwaukee, Wis.
Benton Electric Co. (Direct Current, 1 to 100 H.P.), La Crosse, Wis.
Burke Electric Co., Erie, Pa.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Cushman Electric Co., Concord, N. H.
DUQUESNE ELEC. & MFG. CO. (Up to 75 K.W.), Bessemer bldg., Pittsburgh, Pa. *See adv index at end of book*
Eager Electric Co., Watertown, N. Y.
Eck Dynamo & Motor Co., Belleville, N. J.
Eisemann Magneto Corp., 32 33rd, Brooklyn, N. Y.
Electric Machinery Co. (Direct Current & One, Two & Three Phase Alternating Current, Direct Connected & Belted Types), 14th av & N E Tyler, Minneapolis, Minn.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
Fuerst-Friedman Co. (The), 1251 W. 3rd, Cleveland, Ohio
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hobart Bros. Co., Troy, N. Y.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.



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We have the largest variety of types of quiet gears ever offered by any manufacturer and our experience as pioneers in the rawhide gear industry assures that our product is *right* in every way.

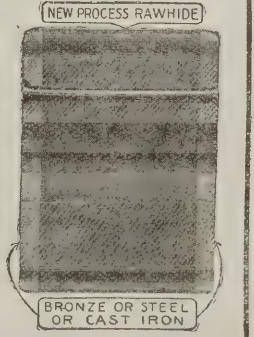
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GENERATING SETS (MOTOR)—contin'd
Jantz & Leist Electric Co., Cincinnati, O.
Lincoln Electric Co., Cleveland, O.
Recording & Computing Machine Co. ("Ahmer"), Dayton, Ohio
RELIANCE ELECTRIC & ENGINEERING CO. (Up to 100 K.W.), 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Schramm Chris, D. & Son (Direct Connected 15 to 35 H P), 709 Arch, Phila., Pa.
Triumph Electric Co., Oakley, Cincinnati, Ohio
Valley Electric Co., 3157H S. Kingshighway, St. Louis, Mo.
Wagner Electric Mfg. Co. (Small), 6400 Plymouth av, St. Louis, Mo.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5415—Generating Sets (Oil Engine)

Jager Chas. J. Co. ("Mason-Jager," also Gasoline), 15 Custom House, Boston, Mass.
Mietz August Corp., 430 E 19th, New York

5416—Generating Sets (Steam Engine & Steam Turbine, Electric)

Duquesne Elec. & Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

Generators (Acetylene)

See Gas Machines, Acetylene

5417—Generators (Chlorine)

(Made of Acid Proof Stoneware)
General Ceramics Co. (Clay), 50 Church, New York
Graham Chas. Chemical Pottery. Works: 986 Metropolitan av., Brooklyn, N. Y.

5418—Generators (Electric Lighting)

See also Dynamos & Motors
Aaron Electric Co., 9 S Clinton, Chicago, Ill.
Allis Chalmers Mfg. Co. (Direct & Alternating), Milwaukee, Wis.
American Blower Co., 1400 Russell, Detroit, Mich.
Arrow Mfg. Co. ("Arrow"), 618 Broadway, Toledo, O.
Bell Elec. Motor Co., Garwood, N. J.
Bissell F. Co. ("Bissell"), Toledo, O.
Burke Electric Co. (D C & A C), Erie, Pa.
Carleton Co., 170 Summer, Boston, Mass.
Crocker-Wheeler Co. (D C), Ampere, N.J.
Dealers Elec. Ltg. Co. ("Jupiter"), 500 E 40th, Chicago, Ill.
Diehl Mfg. Co., Elizabeth, N. J.
Duquesne Elec. & Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Eager Electric Co., Dept. H, Watertown, N. Y.
Eck Dynamo & Motor Co., Belleville, N. J.
Elec. Machy. Co., 14th av & N E Tyler, Minneapolis, Minn.
Elec. Products Co., Clarkstone rd, Cleveland, O.
Electric Specialty Co., Stamford, Conn.
Emerson Elec. Mfg. Co., 2024 Wash av, St. Louis, Mo.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.
Fuerst-Friedman Co. (The), 1251 W. 3rd, Cleveland, Ohio
GENERAL ELECTRIC CO. (Direct & Alternating Current), Schenectady, N. Y.
See adv index at end of book
Great Lakes Elec. Mfg. Co., 11-17 S Desplaines, Chicago, Ill.
Gregory Elec. Co., 1601 S. Lincoln, Chicago, Ill.
Henricks Magneto & Elec. Co. (For Farm Light Outfit), Indianapolis, Indiana
Hobart Bros. Co., Troy, Ohia
Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.
Imperial Electric Co., Akron, O.
Jantz & Leist Electric Co., Cincinnati, O.
Kentucky Elec. Co. (D C), Owensboro, Ky.
Kester Elec. Co., Terre Haute, Ind.
Lincoln Electric Co., Cleveland, O.
Maine Electric Co., Portland, Me.
Marble Card Elec. Co., Gladstone, Mich.
Mechanical Appliance Co., Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 550 W Harrison, Chicago, Ill., & Warren, Ohio
RELIANCE ELECTRIC & ENGINEERING CO. (Direct to 100 K.W.), 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Sprague Electric Works (Direct Current Up to 1000 kw), 527 W 34th, New York
Star Dynamo Co., Jefferson City, Mo.
Star Elec. Motor Co., Miller & N. J. R. R. av, Newark, N. J.
Syracuse Supply Co., Dept. H, Syracuse, N. Y.
Triumph Electric Co. (Direct & Alternating), Oakley, Cincinnati, O.
U. S. Elec'l Mfg. Co., 300 S Central av, Los Angeles, Cal.
Valley Electric Co. (Farm), 3157H S. Kingshighway, St. Louis, Mo.
Wagner Electric Mfg. Co. (Direct & Alternating), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Elec. Co., 327 E 6th, Cincinnati, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book

5419—Generators (Electric Power)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bell Elec. Motor Co., Garwood, N. J.
Bessemer Gas Engine Co., Grove City, Pa.
Bissell F. Co. ("Bissell"), Toledo, Ohio
Bodine Elec. Car, 2254 W Ohio, Chicago, Ill.
Burke Electric Co. (D C & A C), Erie, Pa.
Crocker-Wheeler Co. (D C), Ampere, N.J.
Cushman Electric Co. (AC), Concord, N. H.
Dealers Elec Ltg. Co. ("Jupiter"), 500 E 40th, Chicago, Ill.
Diehl Mfg. Co., (Direct), Elizabeth, N. J.
DUQUESNE ELEC. & MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Eck Dynamo & Motor Co., Belleville, N. J.
Electric Machinery Co. (D C & A C), 14th av & N E Tyler, Minneapolis, Minn.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Electric Specialty Co., Stamford, Conn.
Emerson Elec. Mfg. Co., 2024 Wash av, St. Louis, Mo.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Direct & Alternating Current), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co., Rochester, N. Y.
Great Lakes Elec. Mfg. Co., 11-17 S Desplaines, Chicago, Ill.
Green L. A. (Dealer), First Nat'l Bk. Bldg, Pittsburgh, Pa.
Hobart Bros. Co., Troy, Ohio
Holtzer-Cabot Elec. Co., 125 Armory, Boston, Mass.
Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.
Imperial Electric Co., Akron, O.
Jantz & Leist Electric Co., Cincinnati, O.
Kester Elec. Co., Terre Haute, Ind.
Lincoln Electric Co., Cleveland, O.
Marble Card Elec. Co., Gladstone, Mich.
McKeever Electric Co., 244 S High, Columbus, O.
Mechanical Appliance Co., Milwaukee, Wis.
Northwestern Mfg. Co. (Direct Current Up to 75 K W), 482 Clinton, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 55 W Harrison, Chicago, Ill., & Warren, Ohio
Perfection Storage Battery Co. ("Jupiter"), 500 E 40th, Chicago, Ill.
RELIANCE ELECTRIC & ENGINEERING CO. ("Reliance" Direct Up to 100 K.W.), 1064 Ivanhoe rd, Cleveland, O.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Star Dynamo Co., Jefferson City, Mo.
Star Elec. Motor Co., Miller & N. J. R. R. av, Newark, N. J.
Sturtevant B. F. Co. ("Sturtevant" Direct), 15 Damon, Hyde Park, Boston, Mass.
Syracuse Supply Co., Dept. H, Syracuse, N. Y.
Triumph Electric Co. (D. C. & A. C.), Oakley, Cincinnati, O.
U. S. Elec'l Mfg. Co., 300 S Central av, Los Angeles, Cal.
Virginian Electric & Machine Works, Charleston, W. Va.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Elec. Co., 327 E 6th, Cincinnati, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

5419a—Generators (Electro Plating)

Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bishop W. S., New Haven, Conn.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Boissier El. Co. ("World" Motor), 81-85 10th, Long Island City, N. Y.
Connecticut Dynamo Motor Co., Irvington, N. J.
Cutter & Wood Supply Co. (Jobbers), 274 Friend, Boston, Mass.
See adv index at end of book
Eager Electric Co., Dept. H, Watertown, N. Y.
Electric Machinery Co., 14th av & N E Tyler, Minneapolis, Minn.
Electric Specialty Co., Stamford, Conn.
Fidelity Electric Co., Lancaster, Pa.
Hanson & Van Winkle, 269 Oliver, Newark, N. J.
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, Ohio
Jantz & Leist Elec. Co., Cincinnati, O.
Kendrick & Davis Co., Lebanon, N. H.
L'Hommedieu Chas. F. & Sons, 4521 Ogden av, Chicago, Ill.
Munning A. P. & Co., Matawan, N. J.
See adv index at end of book
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Phoenix Electric Co., Mansfield, Ohio
See adv index at end of book
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
See adv index at end of book
U. S. Elec'l Mfg. Co., 300 S Central av, Los Angeles, Cal.

5420—Generators (Electrolytic)

Ideal Electric & Mfg. Co., Mansfield, O.

5421—Generators (Electrotyping)

Jantz & Leist Electric Co., Cincinnati, O.

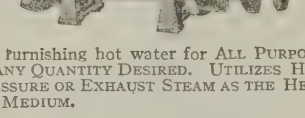
5422—Generators (Heat, Hot Water)

American Auxiliary Heating Co., 6 Beacon, Boston, Mass.
Amer. Heating Spec. Co., Box 344, Peru, Ind.
Belknap Mfg. Co., Bridgeport, Conn.
Frost N. E. Co., 175 Jackson blvd, Chicago, Ill.
Honeywell Heating Spec. Co., Wabash, Ind.
Knickerbocker Valve Co., Oneida, N. Y.
Makin Heating Co. ("Maheco"), 1827 Filbert, Philadelphia, Pa.
Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.
Phelps Bros. Co., 101 Beekman, New York
Sims Co. ("Sims" Instantaneous or Circulating), 18th & Whitley av, Erie, Pa.
Watson C. David L., Terre Haute, Ind.

5423—Generators (Hot Water)

GRISCOM-RUSSELL CO. ("Goubert," "Reilly" & G. R. Instantaneous for Buildings, Mfg. Plants, Hospitals, etc), 92 West, New York
See adv index at end of book

G-R Instantaneous Heaters



For furnishing hot water for ALL PURPOSES IN ANY QUANTITY DESIRED. UTILIZES HIGH PRESSURE OR EXHAUST STEAM AS THE HEATING MEDIUM.



THE
GRISCOM-RUSSELL CO.
92 West Street New York

Hardt Generator Co., Easton, Pa.
Quaker City Iron Works, Tioga & Richmond, Philadelphia, Pa.
Seymour David C., 49 Lawrence, Newark, N. J.
Tyler Fred. A. ("Domestic," Will Fit Any Steam or Hot Water Boiler, Furnace, etc), Albany, N. Y.

5424—Generators (Low Voltage)

Arrow Mfg. Co. ("Arrow"), 618 Broadway, Toledo, O.
Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*
Eisemann Magneto Corp., 32 33d, Brooklyn, N. Y.
Ideal Electric & Mfg. Co. (For Electro-Metallurgical Work, etc), Mansfield, O.
Imperial Electric Co., Akron, O.
Lauraine Magneto Co., Inc. ("Lauraine"), 181 13th, Long Island City, N. Y.

5425—Generators (Magneto)

Recording & Computing Machine Co. ("Ohmer"), Dayton, Ohio
Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.

5426—Generators (Oxygen & Hydrogen)

Burdett Mfg. Co. (Electrolytic Oxygen), 309 St. Johns ct, Chicago, Ill.
ELECTROLABS CO., 2635 Penn av, Pittsburgh, Pa.
See adv index at end of book
Gas Engineering Co., Trenton, N. J.
International Oxygen Co. ("I. O. C."), 796 Frelinghuysen av, Newark, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

OXYGEN GENERATORS—For mines and places where it is inconvenient to get compressed oxygen in Tanks. Oxygen Gas generated direct from chemicals easily procured.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

5427-8—Generators (Ozone)

Goldberg Ozone Machine Co., Indianapolis, Ind.
Neel-Armstrong Co. ("Oxyoline"), Akron, Ohio
Ozone Pure Airifier Co. (For Improving Bad Air Conditions in Banks, Offices, Theatres, Schools, Homes, etc.), 1401 W. Jackson blvd, Chicago, Ill.
Rackwood Mfg. Co., Indianapolis, Ind.
Sprague Elec. Works of G. E. Co., 527 W 34th, New York

5429— Generators (Steam)

Harris Municipal Garbage Incinerator & Steam Generator Co. ("Harris"), Nashville, Tenn.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.

5430—Generators (Street Railway)

See also Generators, Electric Power; also Dynamos & Motors

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Crocker-Wheeler Co., Ampere, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Kester Electric Co., Terre Haute, Ind.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating), East Pittsburgh, Pa. *See adv index at end of book*

5430a—*Generators Sulphurous Acid)

Buffalo Fdy. & Machine Co., Buffalo, N. Y.
See adv index at end of book

5431—Generators (Turbine Driven)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Kerr Turbine Co., Wellsville, N. Y.
General Elec. Co., Schenectady, N. Y.
See adv index at end of book
Moon Mfg. Co. ("Moon" Steam), 122 N. Jefferson, Chicago, Ill.
Moore Steam Turbine Corp., Dept. H, Wellsville, N. Y.
Power Turbo Blower Co., 347 Madison av, New York
Schroeder Headlight & Generator Co., Evansville, Ind.

5432—*Generators (Water Wheel Driven)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

5433-4-5—Giants (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Seattle Machine Works, 51 W Lander, Seattle, Wash.

5436-7— Gibs & Keys

Delaware Hard Fibre Co. (Engine, Crosshead, etc., Fibre), Wilmington, Del.
See adv index at end of book
Continental Fibre Co. (Engine Grosshead Fibre, etc), Newark, N. J.
See adv index at end of book
Standard Gauge Steel Co., Beaver Falls, Pa.
Standard Turnbuckle Co., Corey, Pa.

Gilsonite (Domestic)

See Asphalt Miners & Refiners

Gimlet Mfrs.

See Bits, Gimlet

5438— Glass Benders

Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Clarksburg Glass Co., Clarksburg, W. Va.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Oriel Glass Co., 722 Chestnut, St. Louis, Mo.
Popper Leo. & Sons, 143 Franklin, New York
Smith Thos. J. D., 65 Chambers, Newark, N. J.
Tuna Glass Co., Clarksburg, W. Va.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.

5439— Glass Bevelers

Alta Glass Beveling Works, 1781 Mission, San Francisco, Cal.
Arlington Art Glass Wks, Atlanta, Ga.
Bloom Alfred Co., Omaha, Neb.
Central Glass Co., Inc., Evansville, Ind.
Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Clinton Glass Co., 1000 W. 21st, Chicago, Ill.
Dayton Art Glass Works, Dayton, O.
Dayton Lens & Glass Beveling Works, 612-614 Washington, Dayton, Ohio
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Empire Ornamental Glass Co., 437 Washington, New York
Galet A., 1121 Mission, San Francisco, Cal.
Gallagher P. J., 24 New Chambers New York
Haskins Art Glass Co., Rochester, N. Y.
Hires Turner Glass Co., 30th & Walnut, Phila, Pa.
Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.
Popper Leo. & Sons, 143 Franklin, New York
Potts Bros., 173 Grand, N. Y.
Queen City Glass Works, 118 W 2d, Cincinnati, O.
Raphael H. Co., Los Angeles, Cal.
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
McPhee & McGinnity Co., Denver, Colo.
Smith Thos. J. D., Newark, N. J.
Standard Glass & Paint Co., Des Moines, Ia.
Stewart-Carey Glass Co., Indianapolis, Ind.
United Glass Works, 58 Page, San Francisco, Cal.
Von Gerichten Art Glass Co.,, 557 S High Columbus, O.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Whittier-Coburn Co., Howard & Beale, San Francisco, Cal.

5440—*Glass Blanks (For Cutters of Mangin Mirrors)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5441— *Glass (Carnation)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5442— Glass (Carrara)

Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.

5443—Glass (Cathedral, Rough Plate & Tile)

Advance Glass Co., Newark, O.
Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*
Elias Joseph & Co., Inc. (Cathedral), Jackson av, Long Island City, N. Y.
Gray & Son Glass Co., Falls Creek, Pa.
Highland Glass Co., Washington, Pa.
Kokomo Opalescent Glass Co., Kokoma Ind.
Marietta Mfg. Co. (Plain &F ancy Figured), Indianapolis, Ind.
WESTERN GLASS CO. (Rough Plate Only), Streator, Ill.
See adv index at end of book

5444— Glass (Chipped)

Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Empire Ornamental Glass Co., 437 Washington, New York
Falconer Mirror Co., Falconer, N. Y.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.
Tuna Glass Co., Clarksburg, W. Va.
Western Sand Blast Mfg. Co., 1458 W. Kinzie, Chicago, Ill.

5445—*Glass (Crystal, Lead & Lime)

RODEFER GLASS CO., THE Bellaire, O.
See adv index at end of book

Glass (Druggists')

See Glassware, Chemical & Druggists'

5446— Glass Embossers

Empire Ornamental Glass Co., 437 Washington, New York
Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Potts Bros., 173 Grand, N. Y.
Rae G. & Co., 173 Prince, New York
Reith Wm., 134 N 7th, Phila., Pa.
Smith H. J. & Sons, 236 S 8th, Phila, Pa.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

5447— Glass Enamelers

Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

5448— Glass (Figured)

Elias Joseph & Co., Inc., Jackson av, Long Island City, N. Y.
Fry H. C. Glass Co., Rochester, Pa.
Wendling Jos. Art Glass Co., 720H S. 4th, St. Louis, Mo.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

Glass (Fire Retardant)

See Glass, Wire

5449—Glass Floor Plate Mfrs.

Mississippi Glass Co., 220 5th av, New York
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5450—Glass (For Diffusion of Light)

Highland Glass Co., Washington, Pa.
WESTERN GLASS CO. ("Holly"), Streator, Ill. *See adv index at end of book*

5451—Glass for Electrical Use

Canton Glass Co., Marion, Ind.

5452—Glass for Engineering Specialties

See also Gauge Glass Importers

Bache, Semon & Co., 636 Greenwich, New York
Canton Glass Co., Marion, Ind.
Gillinder & Sons, State & Devereaux, Phila, Pa.

5453— Glass (Fused Quartz)

Engelhard Chas., Selling Agt. ("Transparent), 30 Church, New York

Glass Globes and Shades

See Globes, Various Kinds; also Shades, Glass & Porcelain, etc

5454— Glass (Ground)

Chrystal Charles B. (Imp.), 13 Cliff, N. Y. *See adv index at end of book*
Cooper Chas. & Co. (For Polishing), 194 Worth, New York
Elias Joseph & Co., Inc., Long Island City, N. Y.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Tuna Glass Co., Clarksburg, W. Va.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

5455—Glass House Clay Supplies

Beaver Valley Pot Co., Rochester, Pa.
Buckeye Clay Pot Co., Toledo, O.
Dubois Clay Mfg. Co., Dubois, Pa.
Findlay Clay Pot Co. (Pots, Tank Blocks, Flattening-Stones, Tank Rings, Floaters, etc), Findlay, O.
Gill Clay Pot Co., Muncie, Ind.
Laclede Christy Clay Products Co., Railway Ex. bldg., St. Louis, Mo.
New Jersey Clay Pot Co., Vineland, N. J.
Ohio Valley Clay Co., Steubenville, O.
Pittsburgh, Clay Pot Co., 1261 Reedsdale, Pittsburgh, Pa.
Willets Co., 10th & Bradford, Pittsburgh, Pa.
Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

5456—Glass House Furnace Builders

Amsler Morton Co., Hoboken, Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Smythe S. R. Co., 2022H Oliver bldg, Pittsburgh, Pa.

5457— Glass (Leaded)

See also Glass Stainers

Alberts J. B., 307 1st, Louisville, Ky.
Arlington Art Glass Works, Atlanta, Ga.

GLASS (LEADED)—continued
Brand Gustave A. & Co., 1428 Michigan av, Chicago, Ill.
Bryant Bros Co., 79 E Main, Columbus, O.
Bunce Art Glass Co., Richmond, Va.
Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.
Chapin Louis S., Rochester, N. Y.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Clinton Glass Co., 1000 W 21st, Chicago, Ill.
Dayton Art Glass Works, Dayton, O.
Decorative Art Glass Co., Davenport, Ia.
Dayton Lens & Glass Beveling Wks., 612-614 Washington, Dayton, Ohio
Detroit Mirror Works, 4th & Porter, Detroit, Mich.
Detroit Window & Stained Glass Co., Detroit, Mich.
Eberhardt Hugo & Co., 3409 W. Roosevelt rd, Chicago, Ill.
Elias Joseph & Co., Inc., Long Island City, N. Y.
Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.
Ford Bros. Glass Co., 207 Washington av, N, Minneapolis, Minn.
Fuller & Goepp, 32H Page, San Francisco, Calif.
Geissler R., 56 W 8th, New York
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Gustafson J. H., Rochester, N. Y.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Haskins Art Glass Co., Rochester, N. Y.
Hausleiter Julius & Co., 298 Fulton, Brooklyn, N. Y.
Heinigke & Smith, 24 E 13th, New York
Helmerich W. H. & Co., 719H Fulton, Chicago, Ill.
Henderson Bros., 317 E 64th, New York
Highland Glass Co., Washington, Pa.
Hooper-Dombrink Art Glass Co., Oakland, Cal.
Hunt Henry, 114 Wabash, Pittsburgh, Pa.
Jackson Glass Works, Jackson, Mich.
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Key City Decorative Glass Works, Dubuque, Ia.
Lee Edw. F. Glass Co., 136 E Fort, Detroit, Mich.
Maginn Chas., 17 E 14th, New York
Morgan Co. (Art), Oshkosh, Wis.
O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.
Payne Geo. H., Paterson, N. J.
Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.
Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Rockford Art Glass Works, Rockford, Ill.
Rossbach Art Glass Works, 101 W Broad, Columbus, Ohio
Sharpe Bros., 951 Broad, Newark, N. J.
Snowdon George, Utica, N. Y.
Spiers, Lederle Glass Co., 257 W 29th, New York
Temple Art Glass Co., 404 W Erie, Chicago, Ill.
Tiffany Studios, 361 Madison av, N. Y.
Toledo Art Glass & Mirror Works, Toledo, O.
United Glass Works, 58 Page, San Francisco, Cal.
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wood Clarence W., Syracuse, N. Y.
Wood Glass Co., Syracuse, N. Y.

5458— Glass Mosaic Work

Armstrong, Maitland & Co., 58 W 10th, New York
Binswanger & Co., Richmond, Va.
Decorative Glass Studios Inc., 512 W 21st, New York
Flagg L. G. & Co., Sudbury bldg, Boston, Mass.
Ford Bros. Glass Co., 207 Washington av N, Minneapolis, Minn.
Geissler R., 56 W 8th, New York
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Grand Rapids Art Glass Co., Grand Rapids, Mich.
Heinigke & Smith, 24 E 13th, New York
Henderson Bros., 317 E 64th, New York
Lamb J. & R., 25 6th av, New York
McCully & Miles Co., 202 N Wabash av, Chicago, Ill.
Maginn Chas., 17 E 14th, New York
Michigan Glass Works, 481 Franklin, Detroit, Mich.
Morgan Jno. & Sons, 17 Union av, Brooklyn, N. Y., & 32 E 9th, New York
Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.
Puddicombe H. & Co., New Haven, Conn.
Rae G. & Co., 173 Prince, New York
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Speirs Richard N., 257 W 29th, New York
Summers C, 1455-59th, Brooklyn, N. Y.
Tiffany Studios, 361 Madison av, N. Y.
Tyrolese Art Glass Co., 25 W B'way, New York
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.

5459— Glass Opal Blanks

Canton Glass Co., Marion, Ind.
Popper Leo & Sons, 143 Franklin, New York
RODEFER GLASS CO., THE. (For Decorators), Bellaire, O.
See adv index at end of book

5460— Glass (Opalescent)

Bournique Glass Co., Kokomo, Ind.
Clarksburg Opalescent Glass Works, Clarksburg, W. Va.
Dannenhoffer Glass Works, 330 Himrod, Brooklyn, N. Y.
Elias Joseph & Co., Inc., Long Island City, N. Y.
Highland Glass Co., Washington, Pa.
Kokomo Opalescent Glass Co. (Sheet), Kokomo, Ind.
Marietta Mfg. Co., Indianapolis, Ind.
Peltier Glass Co., Ottawa, Ill.
RODEFER GLASS CO, THE, Bellaire, O.
See adv index at end of book
Wissmach Paul Glass Co., Meadow, Long Island City, N. Y.

5460a— Glass (Optical)

Bache Semon & Co. (Imp), 636 Greenwich, New York.
Triplex Safety Glass Corp. of Am. (For Aircraft & Goggles), 19 W 44th, New York

5461— Glass (Photographic)

Bache Semon & Co. (Imp), 636 Greenwich, New York.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.

5462—*Glass (Plano Convex and Double Convex Blanks for Cutting & Polishing)

Rodefer Glass Co., The Bellaire, O.
See adv index at end of book

Glass (Plate Prism)

See Glass, Prismatic

5463—Glass (Plate & Window, Wholesale & Retail)

ALABAMA.

BIRMINGHAM — Birmingham Paint & Glass Co.
ENSLEY—Byrum Hdw. Co.

ARKANSAS.

LITTLE ROCK—Abeles Chas. T. & Co.

CALIFORNIA.

LOS ANGELES—Dixon Glass Co.
Fuller, W. P. & Co.
Raphael H. Co., 641 S Main
OAKLAND—Fuller W. P. & Co.
Cobbleick-Kibbe Glass Co.
SACRAMENTO—Fuller W. P. & Co.
SAN DIEGO—Fuller W. P. & Co.
SAN FRANCISCO—A. Galet, 1121 Mission
Friedman Bros., 461 Valencia
Fuller W. P. & Co., 301 Mission
Fuller & Goepp, 32H Page
Habenicht & Howlett, Inc., 525 Clay
Mutual Plate & Window Glass Co., 1921 Mission
Pioneer Plate Window Glass Co., 1070 Mission
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Hallack Lumber & Supply Co. 3901 Gilpin
Hallack & Howard Lumber Co.
James B. L., Mercantile & Mfg. Co.
McPhee & McGinnity Co.

CONNECTICUT.

HARTFORD—Andrews & Peck Co.
Nims, Whitney & Co.
Trant John C.
NEW BRITAIN—Rackliffe Bros. Co., Inc.
NEW HAVEN—Brodner K.
Morgan & Humiston Co.
TORRINGTON—Hotchkiss Bros. Co.

DELAWARE.

WILMINGTON—Bradford James Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Brown R. M., 1252 7th, N W
Muth Geo. F. & Co., 418 13th, N W
Reilly Hugh, 1334 New York av, N W
Smith Thos. W., 1st c Ind. av, N W

GEORGIA.

ATLANTA—Georgia Paint & Glass Co.
Pittsburgh Plate Glass Co. (Mfrs.)
SAVANNAH—Butler J. G. Bldrs. Supply Co., 24 Congress W

ILLINOIS.

CHICAGO—Active Glass Co ., 740 S Wabash av
American Luxfer Prism Co., 1305 S 55th
American Window Glass Co., 122 S Michigan av
Bein E. & Co., 1632 Milwaukee av
Berger S. K., 414 S Dearborn
Chicago Building Glass Co., 3516 N Clark
Cooperative Plate Window Glass Co., 5914 S Racine av
Hooker H. M. Glass & Paint Co., 651 Washington blvd
Imperial Glass Co., 29 E Madison
Johnston Brokerage Co., 111 W Monroe
Metropolitan Glass Co., 1545 N Western av
National Glass Co., 705 Blue Island av
Buren
Pittsburgh Plate Glass Co. (Mfrs), 451 St Clair
Sprague Smith Co., 164 W Randolph
Standard Glass Co., 2533 Cottage Grove av
Swanson J. Glass Co., 168 W Chicago av
Tyler & Hippach, 366 W Ohio
OTTAWA—Sanders Bros. Mfg. Co.
PEORIA—Wahlfeld Mfg. Co.
QUINCY—Garretts Henry G. & Sons
Heidbreder Bros. & Co.
Oenning Glass & Book Co.
Young Bros. Decorative Co.
ROCK ISLAND—Rock Island Sash & Door Works
Volk John & Co.
SPRINGFIELD—Power Chas. A.
STREATOR—Williams Hardware Co., 113H Vermilion

INDIANA.

EVANSVILLE—Central Glass Co., Inc.
Evansville Paint & Varnish Co.
International Steel & Iron Co.
Johnson Elmer C.
FORT WAYNE—Schlatter C. C. & Co.
INDIANAPOLIS—Aldag Paint & Varnish Co.
Indianapolis Paint & Color Co.
Johnson-Woodbridge Co.
Sargent Paint Co., N. J. & Mass av
Stewart-Carey Glass Co.
KOKOMO—Armstrong Landon Co.
LAFAYETTE—Lafayette Lbr. Co.
Taylor Lbr. Co.
RICHMOND—Jones Hardware Co.
Miller Bros. Hardware Co. (Window Glass)
TERRE HAUTE—Adamson & Anderson
Krietenstein Geo. W. & Son.

IOWA.

CALMAR—Calmar Mfg. Co.
CEDAR RAPIDS—Williams & Hunting Co.
CLINTON—Curtis Brothers & Co.
DAVENPORT—Gordon, Vantine Co.
McClelland T. W. Co.
Pittsburgh Plate Glass Co.
DES MOINES—Carr & Baal Co. (Wholesale Only)
DUBUQUE Carr-Ryder & Adams Co.
Farley & Loetscher Mfg. Co.
LYONS—Disbrow M. A. & Co.

KANSAS.

EMPORIA—Emporia Lbr. & Coal Co.
HUTCHINSON—Hutchinson Lumber & Planing Mill Co
WICHITA—United Sash & Door Co.
Wichita Sash & Door Co.
Young Bros Decorating Co

KENTUCKY.

LOUISVILLE—Hughes W. J. & Sons Co.
Peaslee-Gaulbert Co.

LOUISIANA.

NEW ORLEANS—
Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—King & Dexter Co.

MARYLAND.

BALTIMORE—Baker Bros. & Co., 27 S Gay
Chaudron & Co, 1112 Cathedral
Kaufman E. L. & Co., Liberty & Fayette
Selm Henry & Co., Fayette & Howard

MASSACHUSETTS.

BOSTON—Boston Plate & Window Glass Co., 287 A
Millen A. & Co., 26 Kneeland
Pittsburgh Plate Glass Co., 99 Portland
Standard Plate Glass Co., 30 Sudbury
WORCESTER—Marble J. Russell & Co.

MICHIGAN.

DETROIT—American Paint & Glass Co. 129 Fort, W
Boydell Bros. White Lead & Color Co., 432 E. Lafayette
Detroit Window & Stained Glass Co.
Frohlich Glass Co., Larned & Shelby
Pittsburgh Plate Glass Co., 53 Larned, E
Schroeder Paint & Glass Co., 119 Cadillac sq
JACKSON—Jackson Glass Works

MINNESOTA.

DULUTH—Paine & Nixon Co.
St. Germain Bros.
MINNEAPOLIS—Forman, Ford & Co., 111 S 2d
Janney, Semple, Hill & Co., 1st av S & 2d
Northwestern Glass Co, 319 N 2nd
Pittsburgh Plate Glass Co. (Mfrs), 500 S 3d
ST. PAUL—Mann F. R. & Son, 437 St. Peter
Noyes Bros. & Cutler, 6th & Sibley
Pittsburgh Plate Glass Co., 459 Jackson
Whitehead Wm. G. Glass Co., 180 W 4th

MISSOURI.

KANSAS CITY—American Sash & Door Co.
Campbell Glass & Paint Co, 1421 Walnut
Faxon & Gallagher Drug Co, 80 Broadway
Johnston Brokerage Co.
Pittsburgh Plate Glass Co. (Mfrs), 5th & Wyandotte
McDonald Paint & Glass Co., 1408 Grand av
Sewall Paint & Glass Co, 1009 W 8th
Huttig Mill Work Co.
ST. JOSEPH—Pimbley Paint & Glass Co.
ST. LOUIS—Campbell Glass & Paint Co., 816 N 7th
Condie-Bray Glass & Paint Co., B'way & Benton
Hadley-Dean Glass Co.
Obear-Nester Glass Co., 2d & Chestnut
Other J. C. Art Glass Co., 312 N 17th
Pittsburgh Plate Glass Co., 10th & Spruce
Pockels Drug, Glass & Paint Co., Jefferson & Gravois
Thatcher-Kerwin Glass Co., 515 Spruce
Weigelt Glass & Mirror Co., 615-7 So 6th
Wendling Jos. Art Glass Co., 207 S Broadway
SPRINGFIELD—Springfield Pl'g Mill & Construction Co.
VALLEY PARK—Missouri Plate Glass Co.

MONTANA.

HELENA—Parchen Drug Co.

NEBRASKA.

LINCOLN—Western Glass & Paint Co.
OMAHA—Pittsburgh Plate Glass Co.
Richardson Drug Co., 902 Jackson

NEW JERSEY.

HOBOKEN—Bloomberg Saml.
JERSEY CITY—Max Lewis, 52 Green
NEWARK—Bass Saml. M., 38 Belleville av
Hockenjos J. J. Co., 829 Broad
Smith T. J. D., 65 Chambers
Newark Glass Co., 271 Market
Vanhorne D. A. & Co., 311 Mt. Pleasant av
PATERSON—Hamilton Lumber Mfg. Co.
Kier A. H.

NEW YORK.

ALBANY—Bradstreet Wm. H., 165 S Pearl
Cameron G. V. & F. W., 284 Central av
BINGHAMTON—Binghamton Glass Co.
Lawrence Paint Co.
Sanders H. H.
BROOKLYN—(See N. Y. City, Borough of Brooklyn
BUFFALO—Becker Glass & Paint Co., 372 Pearl
Booth Art Glass Co., 84 W Huron
Buffalo Glass Co., 101 Seneca
Fostoria Glass Co., 60 Pearl
Fritzsche & Kleason, 197 E Genesee
Pittsburgh Plate Glass Co., 372 Pearl
Post's John C. Sons, 52 S Division
Wright A. B. & Co., 230 Washington
ELMIRA—Booth Irving D.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Donnelly J. R. Co., 54 Classon av
Friedlander Jos. B. B. Co., 233 Washington
Lazansky Emil, 324 Myrtle av
Pittsburgh Plate Glass Co., 3d av & Dean

Boroughs of Manhattan and Bronx.

NEW YORK—Allison & Doughty, 559 W 37th
Bache, Semon & Co., 636 Greenwich
Bartelstone Bros., 4179 3d av
Crane Glass & Mfg. Co., 392 Hudson
Dunham Thos. C., 68 Murray
Edmonds Thos. C. & Co., 1826 Park av
Goldman Philip, 36 E 9th
Goldstein Louis, 231 Bowery
Griffen Benjamin, 40 Vestry
Harris L. & Sons, 177 Greenwich
Holbrook Bros., 89 Beekman
Hutkoff Nathan & Co., 80 Greene
Johnston Brokerage Co., 309 Bway
Kahn Jacques, 533 W 37th
Morris Theo. W. & Co., 440 Canal
Pittsburgh Plate Glass Co., 322 Hudson
Popper Leo & Sons, 143 Franklin
Rubin Jacob, 11 James
Schottland Benjamin, 105 Wooster
Von Buhren George, 9 Baxter
Weber C. S. & Co., 8 Desbrosses

Borough of Queens.

LONG ISLAND CITY—Elias Jos. & Co., Jackson av

(End of New York City)

ROCHESTER—Barnard, Porter & Remington
Clark Paint, Oil & Glass Co.
Rugg C. H. Co.
SYRACUSE—Brown Clinton C.
Burhans & Black (Inc.)
Wood Clarence W.
Wood Glass Co.
TROY—Curtis Fred W.
Dauchy Chas. H. Co.
Thompson John L. Sons & Co.
UTICA—Kellogg Chas. C. & Sons Co.

OHIO.

CINCINNATI—Cincinnati Plate Glass Co., 319 W 2d
Foy Paint Co., 230 E 5th
Glenny Wm. Glass Co., 10 W Commerce
Kolbe John Co., 229 W 5th
Meyer E. H. & Co., 35 E Court
Neuer H. Glass Co., 518 Reading rd
Pittsburgh Plate Glass Co., B'way & Court
Washburn Ira D. Co., 906 Central av
CLEVELAND—Cleveland Window Glass & Door Co., 209 Champlain av, N W
Crane Glass & Mfg. Co., 206 St. Clair av
Diamond Glass Co., 1447 W 25th
Ohio Sash & Door Co., 711 Canal rd, N W
Pittsburgh Plate Glass Co. (Mfrs), 3847 Hamilton av
Saunders J. A. Co., 11830 Detroit av
Teachout A. Co., 231 Prospect av, N W
COLUMBUS—Columbus Plate & Window Glass Co., 69 E Long
Coulson J. W. & Co.
Jones W. R. & Co. (Mfrs), Outlook bldg
Von Gerichten Art Glass Co., 557 S High
DAYTON—Irvin, Jewell & Vinson Co.
West Side Lumber Co.
HILLSBORO—Enterprise Planing Mill Co. (Wholesale, etc)
TOLEDO—Toledo Plate & Window Glass Co.
YOUNGSTOWN — Youngstown Glass & Paint Co.

OREGON.

PORTLAND—Central Door & Lumber Co.
Fisher, Thorsen & Co.
Illinois-Pacific Glass Co.
Pioneer Paint Co.
Rasmussen & Co.

PENNSYLVANIA.

ERIE—Erie Window Glass Co.
PHILADELPHIA—Bennett G. S. & Co., 114 N 9th
Bennett H. L., Phila. Bourse
Hires, Turner Glass Co., 30th & Walnut
Johnston Brokerage Co., Franklin Bank bldg
Knorr Edwin B. & Bro., 1317 Orthodox, Fkd
Pittsburgh Plate Glass Co., 11th & Arch
Shoemaker Benj. H., 205 N 4th
Star Glass Co., 226 N 4th
United States Glass Co., Denckla bldg
PITTSBURGH—Conroy-Prugh Co. (Jobbers), 1430 Western av
Cunningham D. O. Glass Co., Jane & 22d
Johnston Brokerage Co., 1st Nat. Bk. Bldg.
Kim Geo. A. & Co., 318 1st av
Pittsburgh Plate Glass Co., Frick Bldg
READING—Kase J. M. & Co.
RIDGWAY—Hyde-Murphy Co.

RHODE ISLAND.

PAWTUCKET—Tingley Frank E.
PROVIDENCE—Johnson Oliver & Co., 24 Custom House
Perkins Bros. Co., 970 Westminster
Providence Sash & Blind Co., 809 Dean
Rosenblatt Henry, 143 Fountain
Smith-Holden Co., 24 South Water
Starkweather & Williams Co., 47 Exchange pl

SOUTH CAROLINA.

CHARLESTON—Bird W. M. & Co.

TENNESSEE.

MEMPHIS—Binswanger & Co., Cole Mfg. Co.
NASHVILLE—Beasley & Sons Co.
Riddle Co.
Southern Door & Glass Co.
Warren Bros. Co.

TEXAS.

DALLAS—Texas Glass & Paint Co.
EL PASO—Tuttle Paint & Glass Co.
GALVESTON—Baulard V. L. & Co.
Smith J. F. & Bro.

UTAH.

OGDEN—Ogden Paint, Oil & Glass Co.
SALT LAKE CITY—Culmer S. Co.

VIRGINIA.

NORFOLK—Building Supplies Corp.
Nash C. A. & Son
PORTSMOUTH—Hawks-Maupin Co. (Retail)
RICHMOND—Rubens Paint & Glass Co.
Binswanger & Co.

WASHINGTON.

SEATTLE—Belknap C. C. Glass Co.
Fuller W. P. & Co.
SPOKANE——Fuller W. P. & Co.
TACOMA—Fuller W. P. & Co.
Wheeler-Osgood Co.

WEST VIRGINIA.

WHEELING—Chapman W. H. & Sons
Wilson W. A. & Sons (Ornamental Prism Plate)

WISCONSIN.

APPLETON—Miller Lumber Co.
LA CROSSE—Segelke & Kohlhaus Mfg. Co.
MILWAUKEE—Patek Bros., 232 E Water
Pittsburgh Plate Glass Co., 486 Market
Yahr & Lange Drug Co., 207 E Water
Zummach Wm. F., 283 W Water
OSHKOSH—Morgan Co.
RACINE—Driver Thos. & Sons Mfg. Co., Ltd.)
Weber-Bahnemann Co.

5464—Glass (Polished Plate, Mfrs.)

Allegheny Plate Glass Co., Glassmere, Pa.
American Plate Glass Co., Kane, Pa.
Columbia Plate Glass Co., Blairsville, Pa.
Federal Plate Glass Co., Ottawa, Ill.
Ford Edw. Plate Glass Co., Rossford, O.
Heidenkamp Plate Glass Co., Springdale, Pa.
Martin Auto Specialty Co. ("Martin"), Lancaster, Ohio
Missouri Plate Glass Co., Valley Park, Mo.
Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Bache, Semon & Co. ("Argentine"), 636 Greenwich, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass., & Butler, Pa.

5465—*Glass (Polished Wire)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5466—Glass (Pressed Light, Mfrs.)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5467—Glass (Prismatic Mfrs.)

See also Glass, Vault and Sidewalk

American Bar Lock Co. ("Bar Lock" & "Nu Plan" with 3 Point Prism Lights), Long Island City, N. Y.
American Luxfer Prism Co., General Office & Factory, 1305 S 55th, Chicago, Ill.
American Three-Way Prism Co. (Three-Way Prisms), Main Office: La Porte, Ind.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Clinton Glass Co., 1000 W. 21st, Chicago, Ill.
Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.
Helmerich W. H. & Co., 719H Fulton, Chicago, Ill.
Highland Glass Co. (Plate, etc), Washington, Pa.
Maltby Reflector & Prism Co., Flatiron bldg, New York
New York Prism Co., 141 Spring, New York

GLASS (PRISMATIC MFRS.)—continued
Pressed Prism Plate Glass Co. ("Imperial" Plate Prism Glass), Morgantown, W. Va.
RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
Solar Prism Co., Cleveland, O.
WESTERN GLASS CO. (Sheet Prism), Streator, Ill.
See adv index at end of book
Wyle J. J. & Bros., Inc. (For Cut Glass Chandeliers) (Imp.), 20 E 27th, New York

5468— Glass (Resilvering)

Stewart-Carey Glass Co., Indianapolis, Ind.

5469—Glass (Rough, Ribbed & Figured Rolled Plate Mfrs.)

Advance Glass Co., Newark, O.
Gray & Son Glass Co., Falls Creek, Pa.
Highland Glass Co., Washington, Pa.
Marietta Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th av, New York
Pennsylvania Wire Glass Co., Pennsylvania bldg, Phila., Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5470—*Glass (Rough & Pibbed, for Skylights)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5471— Glass (Sand Blast)

Du Pont E. I. de Nemours & Co. Inc., Salvage & Reclamation Div., Wilmington, Del. *See adv index at end of book*
Empire Ornamental Glass Co., 437 Washington, New York
Falconer Mirror Co., Falconer, N. Y.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

5472—Glass (Skylight, Mfrs.)

Binswanger & Co., Richmond, Va.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Highland Glass Co., Washington, Pa.
Marietta Glass Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th av, New York
Missouri Plate Glass Co. (Rough), Valley Park, Mo.
Pennsylvania Wire Glass Co., Pennsylvania, bldg, Phila., Pa.
RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
Sergeant Glass Co., Williamsport, Pa.
WESTERN GLASS CO., (Rough & Ribbed, etc), Streator, Ill.
See adv index at end of book

5472a— *Glass (Smalting)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5472a1— *Glass (Solite)

Western Glass Co. (Solite Wire Glass), Streator, Ill.
See adv index at end of book

5473—*Glass Specialties (Blown & Pressed)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5473a— *Glass (Stained)

See also Windows, Glass Stained; also Windows, Cathedral, etc.

Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*
Helmerich W. H. & Co. (Ornamental), 719H Fulton, Chicago, Ill.
Hunt Henry, 114 Wabash, Pittsburgh, Pa.

5474— Glass Stainers

See also Memorial Windows

CALIFORNIA.

OAKLAND—Hooper-Dombrick Art Glass Co.
Stagnars Art Glass Works, 10th & Webster
SAN FRANCISCO—Ingerson & Glaser Co., 1739 Sacramento
United Glass Works, 53 Page

CONNECTICUT.

BRIDGEPORT—Bridgeport Art Glass Co.
HARTFORD — Hartford Stained Glass Works
NEW HAVEN—Beckman Otto F. Co.
Puddicombe H. & Co.

ILLINOIS.

CHICAGO—Clinton Glass Co., 1000 W 21st
Eureka Art Glass Co., 2915 Lincoln
Flanagan & Biedenweg Co., 312 W Illinois
Giannini & Hilgart, 222 W Madison
Heidelmeier Art Glass Works, 4613 W Clark
Linden Co., 1216 S Michigan av
Munich Studio, 300 W South Water
National Art Glass Co., 5247 S Green
Neuhauser David L., 326 W Grand av
Rawson & Evans Co., 710 W Wash'n blvd
Temple Art Glass Co., 404 W Erie
Western Sand Blast Mfg. Co., 1458 W Kenzie
ROCKFORD—Rockford Art Glass Works

INDIANA.

INDIANAPOLIS—Schurmann E.
Stewart-Carey Glass Co.

IOWA.

DAVENPORT—Decorative Art Glass Co.
DES MOINES—Allward-Bowman Glass Co.
DUBUQUE—Key City Decorative Glass Works

LOUISIANA.

NEW ORLEANS—Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—Farley C. H. & Co.

MARYLAND.

BALTIMORE—Gettier Studios, 855 N Howard
Hofherr Geo. W., 409 E Fayette

MASSACHUSETTS.

BOSTON—Bartsch Valentine, Roslindale
Beaumont & Aughtie, 36 Columbus av
Colonial Stained Glass Works, 161 High
Cushing & Anderson, 155 Dudley Rox
Flagg L. G. & Co., Sudbury bldg
Phipps Horace J. & Co., 65 Bedford
Spence, Bell & Co., 90 Canal
Union Stained Glass Co., 708 Columbia rd
Vaughan-O'Neil & Co., 82 Sudbury
Wise G. W. Co., 86 Federal
WORCESTER—Worcester Stained Glass Works (David Welch, Prop.)

MICHIGAN.

DETROIT—Detroit Window & Stained Glass Co.
GRAND RAPIDS—Grand Rapids Art Glass Co.
MENOMINEE—Menominee Stained Glass Co.

MINNESOTA.

DULUTH—St. Germain Bros.
MINNEAPOLIS—Ford Bros. Glass Co., 207 Washington av N
ST. PAUL—Paussek & Carr

MISSOURI.

KANSAS CITY—Kansas City Stained Glass Works Co., 1514 Wyandotte
ST. JOSEPH—St. Joseph Art Glass Co.
ST. LOUIS—Century Ornamental Glass Co., 5039 Delmar
Davis W. W., 3922 Olive
Frei Emil Art Glass Co., 3934 S Grand av
Jacoby Art Glass Co., 2700 St. Vincent
Thatcher-Kerwin Glass Co., 517 Spruce
Other J. C. Art Glass Co., 312 N 17th
Weigelt Glass & Mirror Co., 615 S 6th
Wendling Jos. Art Glass Co., 720H S. 4th

NEW JERSEY.

NEWARK—Metzger Richard, 54 Duryea
O'Halloran's Thos. Sons, 276 Halsey
Sharpe Bros., 951 Broad
ORANGE—Stevens Jos.

NEW YORK.

ALBANY—Blocksidge Jas., 2 High
Stained Glass Studio, 222 Hudson av
BINGHAMTON—Rowland Chas. P.
BROOKLYN—(See New York City, Borough of Brooklyn, N. Y.)
BUFFALO—Booth Art Glass Co., 84 W. Huron
Dwelle-Kaiser Co., 251 Elm
Frohe Leo. P., 220 B'way
Terhaar & Mundle, 433 William

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Hausleiter Julius & Co., 393 Fulton
Jones Decorative Glass Co., 231 Hudson av
Keller John, 742 Macon
Lamb Maskell T., 233 Bergen
Morgan Jno. & Sons, 17 Union av
Muelbe L. F., 2724 Avenue F
Stuetzle Chas., 106 S 8th
Summers Chas, 1455-59th
Tuckhorn Francis, 366 Atlantic av

Boroughs of Manhattan and Bronx.

NEW YORK—Armstrong, Maitland & Co., 58 W 10th
Art Glass Studios, 374 E 141st
Castle Montague London Co., 126 6th av
Cornell Chas. J., 345 W B'way
Decorative Glass Studios, Inc., 152 W 21st
Dodge Robert L., 242 W 14th
Geissler Rudolph, 56 W 8th
Heaton, Butler & Bayne (Ltd.), 437 5th av
Henderson Bros, 317 E 64th
Herrlein & Henrich Co., 37 Greene
Hillenbrand Edw. F., 257 W 29th
Howard Glass Works, 104 Chambers,
Imperial Art Glass & Lamp Works, 205 W 19th
Koechig Julius C., 717 6th av
Lamb J. & R., 25 6th av
Malz Herman, 19 E 14th
Magin Chas., 17 E 14th
Morgan John & Son, 96 5th av
Popper Leo & Sons, 143 Franklin
Quinn Jno, F. Co., 256 W. 31st
Righter & Kolb, 420 Madison av
Spiers, Richard N., 257 W 29th
Standard Art Glass Co., 237 Lafayette
Tiffany Studios, 361 Madison av
Tyrolese Art Glass Co., 25 W B'way
Von Gerichten Art Glass Co., 52 Morningside av

(End of New York City)

ROCHESTER—Chapin Louis S.
Gustafson J. H.
Haskins Art Glass Co.
Pike Stained Glass studios, 191 East av

OHIO.

CINCINNATI—Riordan G. C. & Co., 313 Walnut
Ruckel Art Glass Co., Pugh bldg
CLEVELAND—Ursem L. J. Art Shade Co., Columbia Bldg.
Whipple Art Glass Co., 409 Prospect av N W
COLUMBUS—Rossbach Art Glass Works, 101 W Broad
Von Gerichten Art Glass Co., 557 S High
TOLEDO—Toledo Art Glass & Mirror Works, 416 S St.
YOUNGSTOWN—Ohio Art Glass Co.

OREGON.

PORTLAND—Portland Art Glass Works 285½ Taylor
Povey Bros. Glass Co., 100 N 5th

PENNSYLVANIA.

ERIE—Messenger Benj.
PHILADELPHIA—Callanan Martin, 421 N 19th
Century Stained Glass Works (Ltd.), 212 S 11th
Columbia Stained Glass Works, 866 N 10th
Decorative Glass Co., 3248 Chestnut
Dukes Glass Works, 2217 Chestnut
Hawkins Alfred W. & Son, 1823 S 19th
Marcus Bros., 866 N 10th
Oesterle Stained Glass Works, 327 N 11th
Quaker City Stained Glass Works, 232 N 4th
Reith Wm., 134 N 7th
Schmitt Chas. N., 4th & Callowhill
Smith H. J. & Sons, 236 S 8th
Weeder F. Ellsworth, 34 S 16th
West Phila. Art Glass Works, 4219 Market
PITTSBURGH—Petgen Co. (Art), 6709 Hamilton av
Pittsburgh Art Glass Co., Warden & McCartney
Pittsburgh Stained Glass Works, 6709 Hamilton av
Rudy Bros. Co., Highland & Center
Twin City Art Glass Works, 14 E Lacock
READING—Kase J. M. & Co.

VIRGINIA.

RICHMOND—Bunce Art Glass Co.

WASHINGTON.

SEATTLE—Puget Sound Art Glass Co.
Suess Glass Co.

WISCONSIN.

LA CROSSE—Art Glass Co.
MILWAUKEE—Breen Art Glass Co., 29 Martin
Enterprise Art Glass Works, Enterprise bldg
Gavin Mirror & Art Glass Works, 275 W Water
Milwaukee Mirror & Art Glass Works, 203 B'way

5475—Glass Stainers' Supplies

Deissler P. & Bro., 249 S 6th, Phila., Pa.

The Rodefer Glass Company

MANUFACTURERS OF

VAULT, SKY and PRISMATIC WINDOW LIGHTS.
SPECIALTIES IN OPAL, CRYSTAL, LEAD and COLORED GLASS.
Private Mould Work Solicited. Lantern Globes. Opal Ware for Decorations. Blown and Pressed Specialties in Private Moulds

BELLAIRE, OHIO

5476—Glass (Structural Sanitary)

Marietta Mfg. Co., Indianapolis, Ind.
Opalite Tile Co. ("Cosmos," "Opalite"), Monaca, Pa.

5477—Glass (Vault & Sidewalk)

Cambridge Glass Co. (Pressed), Cambridge, O.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Imperial Glass Co., Charleroi, Pa.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
RODEFER GLASS CO., THE (Tiling for Architectural Iron Work), Bellaire, O.
See adv index at end of book
Smith L. E. Glass Co., Mt. Pleasant, Pa.
Sneath Glass Co., Hartford City, Ind.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Withers Foundry & Machine Works, Atlanta, Ga.

5478—Glass (Window, Mfrs.)

National Association of Window Glass Mfrs., 1st Nat'l Bank bldg., Pittsburgh, Pa.
Alleghany Window Glass Co., Port Allegany, Pa.
Alliance Window Glass Co., Salem, W Va
American Window Glass Co., Farmers' Bank bldg, Pittsburgh, Pa.
Baker Bros. Glass Co., Okmulgee, Okla.
Banner Window Glass Co., South Charleston, W. Va.
Baur Window Glass Co., Eaton, Ind.
Binswanger & Co., Richmond, Va.
Blackford Window Glass Co., Vincennes, Ind.
Brookville Glass & Tile Co., Brookville, Pa.
Buckeye Window Glass Co., Bonham av, Columbus, O.
Camp Glass Co., Huntington, W. Va.
Charleston Window Glass Co., Charleston, W. Va.
Clarksburg Glass Co., Clarksburg, W. Va.
Clinton Glass Co. (Bevel Plate), 1000 W. 21st, Chicago, Ill.
Columbus Glass Co., Lancaster, O.
Connelly Glass Co., Caney, Kans.
Crescent Window Glass Co., Weston W. Va.
Cunningham D. O. Glass Co., 22d & Jane, Pittsburgh, Pa.
Doddridge Window Glass Co., West Union, W. Va.
Dunkirk Window Glass Co., South Charleston, W. Va.
Eastern Ohio Glass Co., Barnesville, O.
Eldred Window Glass Co., Punxsutawney, Pa.
Empire Glass Co., Smithport, Pa.
Equitable Window Glass Co., Buckhannan, W. Va.
Fairmont Window Glass Co., Fairmont, W. Va.
Fairfield Glass Co., Lancaster, Ohio
Federated Glass Co., Point Marion, Pa.
Fredonia Window Glass Co., Fredonia, Kans.
Huttig Sash & Door Co., 1216 S Vandeventer av, St. Louis, Mo.
Ideal Window Glass Co., West Union, W. Va.
Independent Glass Co., Sistersville, W. Va.
International Steel & Iron Co., Evansville, Ind.
Interstate Window Glass Co., Dept. H, Bradford, Pa.
Ithaca Glass Mfg. Co., Spring City, Pa.
Jeannette Window Glass Co., Point Marion, Pa.
Johnston Brokerage Co., First National Bank bldg, Pittsburgh, Pa.
Johnston Glass Co., Hartford City, Ind.
Kane Glass Co., Kane, Pa
Lafayette Window Glass Co., Clarksburg, W. Va.
Licking Window Glass Co., Utica, O.
Masontown Glass Co., Masontown, Pa
Modern Window Glass Co., Salem, W. Va.
New Bethlehem Window Glass Co., New Bethlehem, Pa.
Norwood Glass Co., Clarksburg, W. Va.
Ohio Central Glass Co., Pleasantville, O.
Patterson Glass Mfg. Co., Cameron, W Va.
Pennsylvania Window Glass Co., Kane, Pa.
Pike Stained Glass Studios, 191 East av, Rochester, N. Y.
Rolland Glass Co., Clarksburg, W. Va.
Salem Co-operative Window Glass Co, Salem, W. Va.
Sandusky Glass Co, Sandusky, O
Smethport Glass Co., Smethport, Pa.
Standard Plate Glass Co., 30H Sudbury, Boston, Mass.
Sunflower Glass Co., Sapulpa, Okla.
Tuna Glass Co., Clarksburg, W. Va.
U. S. Window Glass Co., Morgantown, W. Va.
Utica Glass Co., Utica, O.
West Fork Glass Co., Clarksburg, W. Va.
Wilcox Glass Co., Kane, Pa

5478a—*Glass (Windshield)

Baur Window Glass Co. (& Car), Eaton, Ind.
Bennett H. L. (& Autobody), Philadelphia Bourse, Pa.
Clinton Glass Co. (& Auto), 1000 W. 21st, Chicago, Ill.

5479— Glass (Wire Glass)

Elias Joseph & Co., Inc., Long Island City, N. Y.
Highland Glass Co., Washington, Pa.
Marietta Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th, New York
Pennsylvania Wire Glass Co. ("Aqueduct," "Cobweb"), Pennsylvania bldg, Phila., Pa.
Safetee Glass Co. ("Safetee" Non-Shatterable), Dept. H, Broad & Wood, Phila., Pa.
Standard Plate Glass Co., 30H Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book
Williams Hardware Co., Williams bldg., Streator, Ill. *See adv index at end of book*
Wissmach Paul Glass Co., Meadow, L. I. City, N. Y.

5480—*Glass (Wire, Approved Fire Stop)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book



Wire Glass

Fully Approved by National Board of Fire Underwriters

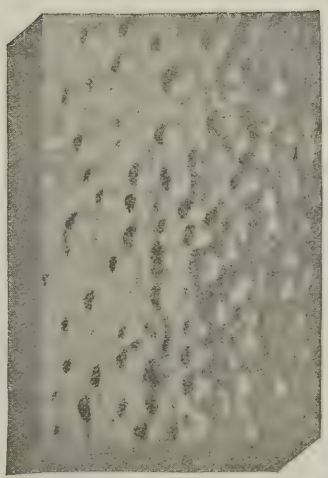
RIBBED, ROUGH, FIGURED and POLISHED.

ALL PATTERNS OF

FIGURED GLASS

of exquisite and artistic designs, meeting the most exacting requirements.

THE WESTERN GLASS CO.,
Streator, Ill.



"SOLITE"

5481-2—*Glass (Wire, for Fire-Proof Windows)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5483— *Glass (Wire, Holly)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5484—*Glass (Wire, Skylight)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5484a— Glass Wool

Angel H. Reeve & Co., Inc., 7 Spruce, New York

5485— Glasses (Cylindrical)

Diamond Specialty & Supply Co. (Oil Cups), 1225 Arch, Phila., Pa.
MAGEE STEAM SPECIALTY CORP., 136 Beekman, New York
ROGERS H. A. CO., 87 Walker, New York
See adv index at end of book

5486— Glasses (Jelly)

Ball Brothers Glass Mfg. Company ("Ball" Jelly Glasses & Tumblers), Muncie, Ind.
Federal Glass Co., Columbus, O.
Imperial Glass Co., Bellaire, O.
Indiana Glass Co., Dunkirk, Ind.
Kerr Glass Mfg. Co., Sand Springs, Okla

5487—Glasses (Level & Plumb)

Staniford J. W. & Co., 40 Hanover, Boston, Mass.

5488—Glasses (Opera & Field)

American Thermo-Ware Co., 16 Warren, New York
Bausch & Lomb Optical Co. (Field Only), Rochester, N. Y.
Scheidig John & Co. (Imp), 32 Maiden la, New York
Spencer Optical Co. (Imp.), 5 Maiden la, New York
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Wagner Bros. & Co. (Imp), 71 W. 23d, New York

5489— Glasses (Port Hole)

Bache, Semon & Co. (Imp.), 636 Greenwich, New York
Cambridge Glass Co., Cambridge, O.
Donnelly J. R. Co., Inc., 54H Classon av, Bklyn, N. Y.
Gallagher P. J., 24 New Chambers, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

5490— Glasses (Reading)

Bausch & Lomb Optical Co., Rochester, N. Y.
Johnston Optical Co., 314 State, Detroit, Mich.
Spencer Optical Co., New York
Weber F. & Co., 1220 Buttonwood, Phila., Pa.
Williams Brown & Earl, 918 Chestnut, Phila., Pa.
Wood C. D. Electric Co. ("Seewell"), 441 Broadway, New York

5491— Glasses (Reducing)

Bausch & Lomb Optical Co., Rochester, N. Y.

5491a— Glassware (Baking)

Corning Glass Works ("Pyrex"), Corning, N. Y.
McKee Glass Co. ("Glasbak"), Jeannette, Pa.

5492—Glassware (Chemical & Druggists')

Allen Henry, 138 William, New York
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co. (Druggists'), Beaver Falls, Pa.
Corning Glass Works ("Pyrex"), Corning, N. Y.
Doerr Glass Co. (Finished), Vineland, N. J.
Eagle Mfg. Co., Wellsburg, W. Va.
Empire Laboratory Supply Co., 411 Lexington av, New York
Fearon Brown Co. (Imp.), 96 Wall, New York
Gillinder & Sons, State & Devereaux, Phila., Pa.
Griebel Instrument Co., Dept. H, Carbondale, Pa.
Hagerty Bros. & Co., 10 Platt, New York
Hazel Atlas Glass Co. (Druggists'), Wheeling, W. Va.
Illinois Glass Co. ("Diamond I"), 402 W Randolph, Alton, Ill.
International Glass Co., Millville, N. J.
Kimble Glass Co., 402 W Randolph, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
McKee Glass Co. (Soda Fountain, Glassware), Jeannette, Pa.
Precision Glass Apparatus Co., Inc. (Importers & Mfrs.), 237 E 41st, New York
Precision Instrument Co., 21 Halsey, Newark, N. J.
Reid Bros. (Surgical), 585 Mission, San Francisco, Cal.
Ruth Glass Co., Conshohocken, Pa.
Scientific Utilities Co., Inc., 18 E 16th,
Steel Glass Co., 622H Locust, Phila., Pa.
Swindell Bros., Bayard & Russell, Baltimore, Md.
Vineland Flint Glass Works (Unfinished), Vineland, N. J.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.
Wagner Glass Works (Chemical Glassware & Apparatus), 697 E 132nd, New York
Whitall Tatum Co., 48 Barclay, New York
Will Corp., Dept. H, Rochester, N. Y.

5493— Glassware (Cut)

American Glass Co., Ada, Okla.
Becker & Brisbois, 123 Middleton, Brooklyn, N. Y.
Bergen J. D. Co., Meriden, Conn.
Blackmer Cut Glass Co., New Bedford, Mass.
Bour J. L., 2346 Summerfield, Brooklyn, N. Y.
Buffalo Cut Glass Co., Batavia, N. Y.
Bush Glass Co., Lansing, Mich.
California Cut Glass Mfg. Co., Pasadena, Cal.
Camden City Cut Glass Co., Camden, N. J.
Campbell Thomas B. & Co., 42 So 8th, Brooklyn, N. Y.
Central Cut Glass Co., 1114 E 63d, Chicago, Ill.
Central Glass Works, Wheeling, W. Va.
Corona Cut Glass Co., Toledo, Ohio
Crown Cut Glass Co., Hancock, N. Y.
Dorflinger C. & Sons, White Mills, Pa.
Eagle Mfg. Co., Wellsburg, W. Va.
Economy Tumbler Co., Morgantown, W. Va.
Egginton O. F. Co., Corning, N. Y.
Elite Mfg. Co., Aldenville, Pa.
Empire Cut Glass Co., Flemington, N. J.
Enterprise Cut Glass Co., Elmira Heights, N. Y.
Figueria Cut Glass Co., Hammonton, N. J.
Fostoria Glass Co., Moundsville, W. Va.
Frizlen Cut Gass Co., Mt. Holly, N. J.
Frontier Cut Glass Co., Buffalo, N. Y.
Fry H. C. Glass Co., Rochester, Pa.
Gibbs W. H. & Co., Stroudsburg, Pa.
Giometti Bros., Corning, N. Y.
Halter Cut Glass Co., 489 De Kalb av, Brooklyn, N. Y.
Herrfeldt J. H. & Co., 48 Lexington av, Brooklyn, N. Y.
Hoare J. & Co., Corning, N. Y.
Honesdale Union Cut Glass Co., Honesdale, Pa.
Hope Glass Works, 161 Dorrance, Providence, R. I.
Hunt Glass Co., Corning, N. Y.
Ideal Cut Glass Co., Canastota, N. Y.
Imperial Glass Co.,Bellaire, O.
International Silver Co., Meriden, Conn.
Irving Cut Glass Co., Honesdale, Pa.
Jewel Cut Glass Co., 200 5th av, New York
Johnson-Carlson Cut Glass Co., 30 E Randolph, Chicago, Ill.
Kelly & Steinman, Deposit, N. Y.
Keystone Cut Glass Co., Hawley, Pa.
Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
Kings County Rich Cut Glass Works, 174 N 4th, Brooklyn, N. Y.
Krantz & Sell Co., Honesdale, Pa.
Kupfer Emil F., 239 Greenpoint av, Brooklyn, N. Y.
Laurel Cut Glass Co., Jermyn, Pa.
Levien Louis Cut Glass Co., 164 5th av, New York
Libbey Glass Co., Toledo, O.
Liberty Cut Glass Works, Egg Harbor City, N. J.
Lotus Cut Glass Co., Barnesville, O.
Lum Wm. H. & Son, 508 Broome, N. Y.
McCue John J., 683 Lorimer, Brooklyn, N. Y.
McKanna Cut Glass Co., Honesdale, Pa.
McKee Glass Co., Jeannette, Pa.
Maple City Glass Co., Honesdale, Pa.
Mayer E. W., Port Jervis, N. Y.
May's Landing Cut Glass Co., May's Landing, N. J.
Meriden Cut Glass Co. (Br. of International Silver Co.), Meriden, Conn.
Metropolitan Cut Glass Co., 862 Metropolitan av, Brooklyn, N. Y.
Midland Cut Glass Co., 183 N Wabash av, Chicago, Ill.
Monroe C. F. Co., Meriden, Conn.
Newark Cut Glass Co., 60 Arlington, Newark, N. J.
Niagara Cut Glass Co., Buffalo, N. Y.
Niland J. J. Co., Meriden, Conn.
O'Connor Arthur E., Goshen, N. Y.
Oakland Cut Glass Co., 184 Oakland, Brooklyn, N. Y.
Packwood Northwood Glass Co., Sandwich, Mass.
Pairpoint Corpn., New Bedford, Mass.
Parsche F. X. & Son, 1434 Orleans, Chicago, Ill.
Phoenix Glass Co., 2d Natl Bank bldg, Pittsburgh, Pa.
Pioneer Cut Glass Co., Carbondale, Pa.
Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.
Rochester Cut Glass Co., Rochester, Pa.
Rockwell Silver Co,, Meriden, Conn.
Seneca Glass Co., Morgantown, W. Va.
Shea John J. & Son, Cambridge, Mass.
Shields C. W., Hawley, Pa.
Shotten Thos. Cut Glass Works, 345 Eldert, Brooklyn, N. Y.
Silver City Cut Glass Co., Meriden, Conn.
Sinclaire H. P. & Co., Corning, N. Y.
Skinner W. & Son, Hammonton, N. J.
Sterling Glass Co., Celestial Mt av, Cincinnati, O.
Stott Bros., 4450 Main, Manayunk, Phila., Pa.
Stott John W., 3600 Cresson, Manayunk, Phila.. Pa.
Susquehanna Cut Glass Co., Columbia, Pa.
Tarentum Glass Co., Tarentum, Pa.
Tuthill Cut Glass Co., Middletown, N. Y.
Twin City Cut Glass Co., St. Paul, Minn.
Union Glass Co., Somerville, Mass.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Walsh David, Somerville, Mass.
Wangaum Cut Glass Co., Hawley, Pa
Wayne Cut Glass Co., Towanda, Pa.
Westmoreland Specialty Co., Grapeville, Pa
Wickham Cut Glass Co., Scranton, Pa.

5494—Glassware (Decorated)

Corning Glass Works ("Steuben"), Corning, N. Y.
Imperial Glass Co., Bellaire, O.
Hocking Glass Co., Lancaster, O.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5495—Glassware (Electrical)

Beaumont Co., Morgantown, W. Va.
Bournique Glass Co. Kokomo, Ind.
Canton Glass Co., Marion, Ind.
Fensterer & Ruhe (Imp.), 37 Murray, New York
Pittsburgh Lamp, Brass & Glass Co. (Bowls, etc), 130-7th, Pittsburgh, Pa.

5496—Glassware (Opal & Crystal)

Canton Glass Co., Marion, Ind.
Eagle Mfg. Co., Wellsburg, W. Va.
Hazel Atlas Glass Co., Wheeling, W. Va.
Hocking Glass Co., Lancaster, O.
Point Marion Glass Novelty Co. (Opal), Point Marion, Pa.

Glassware (Packers')

See Jars, Fruit

5497— Glassware (Pressed)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Federal Glass Co., Columbus, O.
Hazel Atlas Glass Co. (Tumblers), Wheeling, W. Va.
Imperial Glass Co., Bellaire, O.
Jenkins D. C. Glass Co. (Also Blown), Kokomo, Ind.
McKee Glass Co., Jeannette, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.

5498—Glassware (Stationers')

Canton Glass Co., Marion, Ind.
McKee Glass Co., Jeannette, Pa.

5499— Glassware (Table)

See also Tumblers, Glass

Athens Glass Co., Morgantown, W. Va.
Barth L. & Sons, Cooper sq, New York
Beaver Valley Glass Co., Rochester, Pa.
Bryce Bros. Co., Mt. Pleasant, Pa.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Duncan & Miller Glass Co., Washington, Pa.
Federal Glass Co., Columbus, O.
Fenton Art Glass Co., Williamstown, W. Va.
Fostoria Glass Co,. Moundsville, W. Va.
Gillinder & Sons, State & Devereaux, Phila., Pa.
Heisey A. H. & Co., Newark, O.
Imperial Glass Co., Bellaire, O.
Indiana Glass Co., Dunkirk, Ind.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lancaster Glass Co. (Imitation Cut), Lancaster, O.
McKee Glass Co., Jeannette, Pa.
New Martinsville Glass Mfg. Co., New Martinsville, W. Va.
Northwood H. Co., Wheeling, W. Va.
Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.
Pick Albert & Co. (Blown-Flint, etc.), 212 W Randolph, Chicago, Ill.
Potomac Glass Co., Cumberland, Md.
Seneca Glass Co., Morgantown, W. Va.

Glauber Salts

See Salts-Glauber

5500— Globes (Arc Lamp)

American Glass Co., Ada, Okla.
Bournique Glass Co., Kokomo, Ind.
Cameron Glass Co. ("Cameron"), Cameron, W. Va.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Corning Glass Works, Corning, N. Y.
Eagle Mfg. Co., Wellsburg, W. Va.
Fensterer & Ruhe (Inner), 37 Murray, New York
Gill Bros. Co., Steubenville, O.
Gill & Co., E. York & Thompson, Phila, Pa.

Gillinder & Sons, State & Devereaux, Phila., Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Holophane Glass Works of Gen Elec. Co. ("Nublac" Inner), Newark, O.
Jefferson Glass Co. ("Moonstone" "Nitroglas" "Crystal"), 5 S. Wabash, Chicago, Ill.
Libbey Glass Co., Toledo, O.
Macbeth-Evans Glass Co. ("Thermo," "Alba"), C. of C. bldg, Pittsburgh, Pa.
Pairpoint Corporation, New Bedford, Mass.
Phoenix Glass Co., 230 5th av, New York, & Pittsburgh, Pa.
Wellington Glass Co., Cumberland, Md.

5501—Globes for Incandescent Light

Bournique Glass Co., Kokomo, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Consolidated Lamp & Glass Co., 66 West B'way, New York
Corning Glass Works, Corning, N. Y.
Eagle Mfg. Co., Wellsburg, W. Va.
Gill & Co., E. York & Thompson, Phila.,
Gillinder & Sons, State & Devereaux, Phila, Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Handel Co. (Decorated, etc), Meriden, Conn.
Holophane Glass Works of Gen Elec. Co., Newark, O.
Imperial Glass Co., Bellaire, O.
Jefferson Glass Co., Follansbee, W. Va.
Macbeth-Evans Glass Co. ("Thermo," "Alba," "Monax"), C. of C. bldg, Pittsburgh, Pa.
Pairpoint Corporation, New Bedford, Mass.
Phoenix Glass Co. (Electric & Gas), 230 5th av, New York & Pittsburgh, Pa.
Safety Wire Gas Globe Co. ("Protect-a-lite"), Columbus, O.
Star Glass Co., Star City, W. Va.

5502—Globes (Fresnal, for Steamships)

Sneath Glass Co. (All Colors), Hartford City, Ind.

Globes (Glass Fish)

See Aquariums, Glass

Globes (Inner Arc)

See Globes, Arc Light

5503— Globes (Lantern)

American Glass Specialty Co. (Ruby), Monaca, Pa.
Cameron Glass Co. ("Cameron"), Cameron, W. Va.
Corning Glass Works ("Nonex"), Corning, N. Y.
Crescent Glass Co. ("Ruby"), Wellsburg, W. Va.
Eagle Mfg. Co., Wellsburg, W. Va.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gill Bros. Co., Steubenville, O.
Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Libbey Glass Co., Toledo, O.
McKee Glass Co., Jeannette, Pa.
Macbeth-Evans Glass Co., C. of C. bldg, Pittsburgh Pa.
RODEFER GLASS CO., THE (For Lantern Mfrs.; also Ruby, Green & Blue), Bellaire, O. *See adv index at end of book*
Sneath Glass Co. (All Colors), Hartford City, Ind.
Star Glass Co., Star City, W. Va.
Storrs Mica Co. (Mica), Owego, N. Y.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.

5504—Globes & Shades (Prismatic)

Lensed Electric Shade Co., 101 Warren, New York
Macbeth-Evans Glass Co., C. of C. bldg, Pittsburgh, Pa.
Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
Welsbach Gas Lamp Co., 1008 Filbert, Phila., Pa.
Wormser Glass Co., 2d & Sylvan avs, Pittsburgh, Pa.

5505— Gloves (Automobile)

Bradford R. E., Gloversville, N. Y.
Carron & Co., 1777 B'way, New York
Dayton Glove Co., 440 Maryland, Dayton, O.
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
Ellsworth & Thayer Mfg. Co., 338 B'way, Milwaukee, Wis.
Fried-Ostermann-Meyer Co., 633 Reed, Milwaukee, Wis.
Gloversville Auto Glove Co., Gloversville, N. Y.
Hansen O. C. Mfg. Co., 291 Milwaukee, Milwaukee, Wis.
Morawetz Co., 217 E Water, Milwaukee, Wis.
Morrison-Ricker Mfg. Co., Grinnell, Ia.
United States Glove Co., Marion, Ind.
Walrath Glove Co., Gloversville, N. Y.

5506—Gloves (Baseball, Boxing & Fencing)

Chicago Sporting Goods Mfg. Co. ("Dux-Fut"), 211 N Carpenter, Chicago, Ill.
Draper, Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, Ohio.
Jarvis W. B. Co. ("Ty Cobb" Catchers' Mits & Gloves & Boxing Gloves, etc), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Peach J. A., Gloversville, N. Y.
Rawlings Mfg. Co. ("Reynolds" Catchers' Mits), 23d & Lucas av, St. Louis, Mo.
Reach A J, Tulip & Palmer, Phila., Pa.
Rogers Sporting Goods Co., Springfield, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., 855 Elston av, Chicago, Ill.
Sell Sporting Goods Co., Canton, O.
Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.
Victor Sporting Goods Co., Springfield, Mass.
Wilson Thos. E. & Co. (Boxing), 727 N Sangamon, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.

5507— Gloves (Bee, Rubber)

Kretchmer Mfg. Co., Council Bluffs, Ia.

5508— Gloves (Canvas)

Beebe Glove Co., Richmond, Ind.
Boss Mfg. Co., 70 Washington, Brooklyn, N. Y.
Cambridge Roofing Co., Cambridge, O.
CANVAS GLOVE MFG. WORKS, 177-79 Stagg, Brooklyn, N. Y.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Defiance Glove & Mitten Works Co., Defiance, O.
Detroit Glove & Mfg. Co., 64 Congress, W. Detroit, Mich.
Hamilton G. H. Mfg. Co. (Canton Flannel & Jersey, Also Mittens), Beaver, Pa.
Houghten Chas. T. & Co., Metropolis, Ill.
Indianapolis Glove Co., Indianapolis, Ind.
Inskeep Mfg. Co., Washington, O.
Keller Glove Mfg. Co., Inc. ("Penn Keller"), Plumsteadville, Pa.
Knoxville Glove Mfg. Co., Knoxville, Tenn.
McBride Chas. L. Mfg. Co., Toledo, O.
Moosic Mfg. Co., Moosic, Pa.
National Glove Co. (Leather Faced), Columbus, Ohio
New Bethlehem Fabric Mfg. Co., New Bethlehem, Pa.
North Star Mfg. Co., Tacoma, Wash.
Prescott F. H. Co., Auburn, N. H.
Progress Mfg. Co., Racine, Wis.
Seal W. E. & Co., Millersburg, Pa.
Shearston Lowell Mfg Co., Lockport, N. Y.
Standard Mfg. Co., Lockport, N. Y.
United States Glove Co., Marion, Ind.
Witenberg Mfg. Co., Tacoma, Wash.

5508a—Gloves (Cotton Flannel)

Boss Mfg. Co., Kewanee, Ill.
Hamilton G. H. Mfg. Co. (& Jersey Cloth), Beaver, Pa.
Keller Glove Mfg. Co., Inc. ("Penn Keller"), Plumsteadville, Pa.
Service Glove Co. (& Jersey Cloth), 62 Shipman, Newark, N. J.
United States Glove Co., Marion, Ind.

5509— Gloves (Husking)

Boss Mfg. Co. (Riveted, Canton Flannels, etc), Kewanee, Ill.

Gloves (Insulating)

See Gloves, Rubber

5510— Gloves (Leather)

Adler Jacob & Co., 315 4th av, New York
Aeppli & Smith (Working), 4014 Parker av, Chicago, Ill.
Am. Glove Co., 2025 Churchill, Chicago, Ill.
Block H. & L., 149 2d San Francisco, Cal.
Buhrke R. H. Co. (Linemen's), 1250H Fullerton av, Chicago, Ill.
Canvas Glove Mfg. Works (also Leather Palm Working Glove), 177-179 Stagg, Brooklyn, N. Y.
Chicago Tanning Co., 130 W Austin av, Chicago, Ill.
Conay Glove Co., 115 E 23d, New York
Detroit Leather Specialty Co., 275 Beecher, Detroit, Mich.
Economy Glove Co., Ft. Wayne, Ind.
Eisendroth Glove Co. (Heavy Duty), Armitage & Elston, Chicago, Ill.
Hansen O. C. Mfg. Co., 291 Milwaukee, Milwaukee, Wis.
Morrison-Ricker Mfg. Co. ("Grinnell Wrist Fit" & Grinnell Ventilator) Grinnell, Ia.
National Glove Co. (Mule, Napa, Goat, Horse Hide, Hog, Sheep & Split Leather), Columbus, O.
Osborn C. D. Co., 2201 Wabansia av, Chicago, Ill.
Russell Frank Glove Co., Berlin, Wis.
Salisbury W. H. & Co., 303 N Madison, Spencer Glove Co. (& Mitts), Waverly, N. Y.
Wheeler F. & H. Mfg. Co., 215 W Huron, Chicago, Ill.

5511— Gloves (Rubber)

American La France Fire Engine Co., Inc., Elmira, N. Y.
Aetna Rubber Co., 815 E 79th, Cleveland, Ohio
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Canton Rubber Co., Canton, O.
Chicago Glove & Mitten Co., 458 N Halsted, Chicago, Ill.
Combination Rubber Mfg. Co. (Surgeon's Tissue), Bloomfield, N. J.
Consumers Rubber Co. ("Standard"), 829 Superior av, Cleveland, O.
Davol Rubber Co., 69 Point, Providence, R. I.
Dunton M. W. Co. ("Safety First"), 150 Niagara, Prov., R. I.
Faultless Rubber Co. ("Hi-Test," "Hi-Voltage"), Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Hodgman Rubber Co., 8 W 40th, New York
L. & M. Rubber Co., Carrollton, O.
Lee Tire & Rubber Co. (Also finger cots), Conshohocken, Pa.
Massillon Rubber Co, Massillon, Ohio
Miller Rubber Co. (Also Finger Cots), Akron, O.
Pioneer Rubber Spec. Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Realty Rubber Co. (Pure Gum, Surgeons"), Massillon, O.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Snyder M. L. & Son, 223 Church, Phila., Pa.
Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.
Tyer Rubber Co., Andover, Mass.
Wilson Rubber Co., Canton, O.

5511a— Gloves (Sand Blasting)

American La France Fire Engine Co., Inc., Elmira, N. Y.
Hickory Steel-Grip Glove Co. ("Steel-Grip" & "Industrial"), 2640 N Maplewood av, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

5512—Gloves & Mittens (Knitted)

American Golf Glove Co. (Plain & Fancy Worsted Golf Gloves), 5127 Lena, Gtn., Phila., Pa.
Armstrong William (Wool, Worsted & Merino Gloves), Needham Heights, Mass.
Ashoyton Knitting Co. (Gloves), Shelburne Falls, Mass.
Augstein S. & Co. (Worsted), 352 4th av, New York
Bailey Knitting Mills, Fort Plain, N. Y.
Bailey Oscar L. & Co. (Silk, Wool & Worsted Mittens & Gloves for Men, Women & Children), Everett, Mass.
Bell Knitting Co. (Wool, Worsted & Merino), 352 4th av, New York
Breaithwaite Thos. (Gloves), Vineland, N. J.
Burns Knitting Co. (Worsted, for Men, Women & Children), Nashua, N. H.
Carter Wm. Co., Needham Heights, Mass.
Chapman Knitting Mills, 68 E 131st, New York
Chicago, Glove & Mitten Co., 458 N Halstead, Chicago, Ill.
Clare Knitting Mills (Cotton, Woolen & Worsted Mittens), Saginaw, Mich.
Clark Textile Co. (Ladies' Woven Top Silk Gloves), Saratoga Springs, N. Y.
Collard Frank (Wool & Worsted), 256 E Ashmead, Gtn., Phila., Pa.
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.
Crown Silk Mfg. Co. (Silk Gloves), Bangor, Pa.
Detroit Alaska Knitting Mills (Wool Mittens Only), 1927 Michigan av, Detroit, Mich.
Dolman Chas. (Gloves for Men & Women), 48 E Court, Cincinnati, O.
Eagle Knitting Mills), 184 E Water, Milwaukee, Wis.
Elliot F. & Co. (Wool, Worsted & Silk), Waltham, Mass.
Fead John L. & Sons (Home Made Wool Striped Mittens), Port Huron, Mich.
Fownes Bros. & Co. (Silk Gloves), 119 W 40th, New York
Frankenmuth Woolen Mill Co., Frankenmuth, Mich.
Friedlander-Brady Knitting Mills (Cotton, Woolen, Worsted & Silk, Men's, Women's & Children's), 501 S Green, Chicago, Ill.
Friedman Blau Farber Co., Perkins & E 37th, Cleveland, O.
Fulton County Silk Mills (Silk Gloves), Gloversville, N. Y.
Gloversville Knitting Co. (Worsted, Woolen & Cotton), Gloversville, N. Y.
Gloversville Silk Mills (Silk Gloves), Gloversville, N. Y.
Great Western Knitting Co. (Wool, Worsted & Silk Gloves), 110 Buffalo, Milwaukee, Wis.
Hand Knit Hosiery Co. ("Lumbermen's Mittens), Sheboygan, Wis.
Harris Knitting Mills (Wool), Armat & Lena, Gtn., Phila., Pa.
Highland Knitting Mill, Highland, N. Y.
Hitchcock & Curtiss Knitting Co. (Wool, Worsted & Silk Gloves), Hartford, Conn.

GLOVES & MITTENS (KNITTED)—cont.
Hoag C. F. Co. (Wool & Worsted), Poughkeepsie, N. Y.
Holmes G. H. (Gloves), Gloversville, N. Y.
Houlton Woolen Mill, Houlton, Me.
Indianapolis Glove Co. (Cloth, Leather Finished & Jersey Gloves), Indianapolis, Ind.
Inland Knitting Works, Green Bay, Wis.
Kayser Julius & Co. (Silk, Lisle & Merino), 353 4th av, New York
Keller Glove Mfg. Co., Inc. ("Penn Keller), Plumsteadville, Pa.
Key E. H. (Woolen & Worsted), Fort Hunter, N. Y.
Kinderhook Knitting Co. (Wool & Worsted Gloves), Kinderhook, N. Y.
La Crosse Knitting Co. (Wool), La Crosse, Wis.
Lamb Knit Goods Co., Colon, Mich.
Lee William (Ladies' & Children's Silk & Woolen & Men's Woolen Goods), Needham Heights, Mass.
Lowenthal Max & Sons, Rochester, N. Y.
Mandel A. J. (Cotton, Wool, Worsted & Silk), 1220 W 6th, Cleveland, O.
Mansfield Joseph W., 1527 Ridge av, Philadelphia, Pa.
Meinig E. Richard Co. (Silk Gloves), Reading, Pa.
Merrill Silk Co. (Silk Gloves), Hornell, N. Y.
Michigan Knitting Co. (Cotton, Woolen, Worsted & Silk), Lansing, Mich.
Mohawk Silk Fabric Co. (Ladies' Silk Gloves), Fultonville, N. Y.
Moseley & Co., Needham Heights, Mass.
National Knitting Co. (Woolen & Worsted Gloves for Men, Women & Boys), 905 Clinton, Milwaukee, Wis.
National Knitting Works Co., 1967 E, 57th, Cleveland, O.
Niagara Silk Mills (Silk Gloves), North Tonawanda, N. Y.
Pacific Knitting Mills, Seattle, Wash.
Perry Glove & Mitten Co. (Cotton, Woolen, Worsted & Silk), Perry, Mich.
Plaistead B. T. (Men's & Women's Worsted Gloves), Hartford, Conn.
Portage Hosiery Co. (Wool & Worsted Mittens), Portage, Wis.
Prue Frank J. (Worsted Mittens), Woonsocket, R. I.
Rich John & Bros., Woolrich, Pa.
Ripon Knitting Works, Ripon, Wis.
Roth Joseph & Co. (Merino, Worsted, Silk & Cotton), Toledo, O.
Russell Knitting Works, Springfield, Mass.
Saxony Knitting Mills, Needham Heights, Mass.
Saxony Knitting Co., Seattle, Wash.
Spencer Glove Co. ("F. P. Sargent"), Waverly, N. Y.
Star Knitting Co. (Silk, Saxony & Wool Mittens & Golf Gloves), La Crosse, Wis.
Sterling Silk Glove Co. (Silk Glove Only), Bangor, Pa.
Stott & Son, Winona, Minn.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
United Knit Goods Co. (For Men, Boys, Ladies, Children & Infants), 1258 W 4th, Cleveland, O.
Van Brocklin & Son (Jersey Mitts & Gloves), Amsterdam, N. Y.
Vassar Knitting Works, Bay City, Mich.
Walton Thos. S. (Infant's Silk & Woolen Mittens), Needham Heights, Mass.
Western Knitting Mills (Woolen, Worsted & Merino), Rochester, Mich.
Whitman Bros. (Men's & Boys' Gloves), Little Falls, N. Y.
Why Bros. & Co. (Woolen & Worsted Gloves), 5130 Wakefield, Phila, Pa.
Wilson Samuel, Needham Heights, Mass.

5513— Glue (Emery Wheel)

Tanite Co., Stroudsburg, Pa.

5514— Glue (Fish)

American Glue Co., 121 Beverly, Boston, Mass.
Commonwealth Glue Co. (Liquid), Drexel bldg, Phila., Pa.
Dodd A. W. & Co., Gloucester, Mass.
Elwell B. F. Glue Co. (Liquid), Rockport, Mass.
HEWITT C. B. & BROS. (Jobbers), 20 Ferry, New York
See adv index at end of book
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
National Gum & Mica Co., 59th & 11th av, New York
Russia Cement Co., 126 Chambers, New York

5515— Glue (Gelatine)

American Glue Co., 121 Beverly, Boston, Mass.
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Cooper's Peter Glue Factory, 11th av & 28th, New York
HEWITT C. B. & BROS. (All Grades for All Purposes), 20 Ferry, New York.
See adv index at end of book
Isaacs S. & Co. (Imp), 100 William, New York
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
Michigan Carbon Works, 7 Forman, Detroit, Mich.
National Gum & Mica Co., 59th & 11th av, New York
Sullivan James & Son, Marblehead, Mass.

5516— Glue (Marine)

Bitu-Mo-Lin Products Co., Inc., Seattle, Wash.
Ferdinand L. W. & Co., 154 Kneeland, Boston Mass.
See adv index at end of book

MARINE GLUE

L. W. Ferdinand & Co., 154 Kneeland St., Boston, Mass., U. S. A.—Jeffery's Patent Marine Glue. Use No. 1 Extra Quality for paying seams of yachts' decks. Use No. 2 First Quality Ship Glue for paying deck seams of Merchant Vessels. Use No. 3 Special Navy for deck seams of battleships, cruisers and gunboats. Use No. 7 Soft Quality for waterproofing canvas for covering decks, tops of cabins of yachts, also for attaching canvas to hulls of steel or wood boats and canoes. Use Waterproof Liquid Glue for attaching Cork, Canvas, Felt, Rubber, Leather and Linoleum to Iron, Steel and Wood. Use Linoleum Glue for attaching any kind of floor covering to any kind of floor. Send for booklets, "Marine Glue, What to Use or How to Use it"; also "How to Make Your Boat Leakproof."

New Process Chem. Co., 39 Cortlandt, New York

5517— Glue Mfrs.

CALIFORNIA.

SAN FRANCISCO—Armour Glue & Ammonia Works,, 22 Battery
Butcher L. H. Co., 341 Montgomery
California Glue Works, Fairfax av & Rankin
Imperial Glue Co. ("Imperial" Liquid), Kohl Bldg.

CONNECTICUT.

DANBURY—Connecticut Glue Co.
NEW HAVEN—Connecticut Fat Rendering & Fertilizing Corp.

DISTRICT OF COLUMBIA.

WASHINGTON—Royal Glue Co. (Liquid), 1311 G, N W

GEORGIA.

BUFORD—Allen Bona

ILLINOIS.

CHICAGO—American Glue Co., 123 W Kinzie
American Printers' Roller Co, 314 W Grand av
Anglo-American Provision Co., U. S. Yards
Armour Glue Works, 3130 Benson
Bailey C. T. & Co., 123 W Kinzie
Chicago Glue Co., 2012 W Kinzie
Clarkson Glue Co., 3259 Shields av
Cooper's Peter Glue Factory, Robinson & the Canal
Delany & Co., 505 S Clinton
Diamond Glue Co., Robinson & Ill. Mich. Canal
Franche C. E. & Co. (Milliner), 440 Orleans, Dept. H
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrmann Jos. F. & Co., Fisher Bldg.
Layton Elastic Glue Co. (Liquid), 703 Fulton
National Flexible Glue Co., 169 N Jefferson
Northwestern Glue Co., 44th pl & Packers av
Swift & Co., Union Stock Yards
United Chemical & Organic Products Co., 111 W Washington, Chicago, Ill.
U. S. Glue Co., 1455 Fleetwood
Williamson Glue & Gum Wks. (Dry Liquid), 220 W Huron, Chicago, Ill.
Wilson & Co., Union Stock Yards
Wisdom & Co., 217 W Lake

INDIANA.

HAMMOND—Hammond Glue Co.
INDIANAPOLIS—National Glue Co., 539 W 14th
MADISON—Midland Glue Co.
NEW ALBANY—Conrad, Krammerer Glue Co.
SOUTH BEND—Perkins Glue Co. (Vegetable)

MARYLAND.

BALTIMORE—McCormick & Co. (Liquid), McCormick Blk.
Standard Glue Co. ("Army" & "Navy," "Standard" Liquid), Caton & Cottage av

MASSACHUSETTS.

BOSTON—American Glue Co. ("Crown English"), 121 Beverly
Armour Glue Works, 49 Commercial Wharf
Baeder, Adamson & Co., 68 High
Bird J. A. & W. & Co. (Casein), 88 Pearl
Carter's Ink Co., E Cambridge
Commonwealth Glue Co., 40 N Market
Consolidated Rendering Co., 40 N Market
Consumer Glue Co., 176 Federal
Diamond Glue Co.
Ferdinand L. W. & Co. ("Jeffrey's" Marine), 154 Kneeland
See adv index at end of book
International Glue Co. ("Eagle," "Martins" & "Mystic" Liquid), 201 Devonshire
Nash E. W. Co., 559 Atlantic av
Rogers E. A. & Co. (Imp), 161 Devonshire
Whitten J. O. Co., 68 Western av
GLOUCESTER—Dodd A. W. & Co., Gloucester Isinglass & Glue Co.
Russia Cement Co. ("Le Page's" Liquid, etc)
HOLYOKE—Browne M. C. (Flexible)
LOWELL—Holt Jno. & Co.
MARBLEHEAD—Sullivan James & Son
NORWOOD—Holliston Mills ("Gluno," Bookbinders Only), Dept. H
PEABODY—American Glue Co.
ROCKPORT—Elwell B. F. Glue Co. ("Elwell")
WORCESTER—Darling L. B. Fertilizer Co.

MICHIGAN.

DETROIT—Michigan Carbon Works, 7 Forman
GRAND RAPIDS—Grand Rapids Glue Co.

MINNESOTA.

MINNEAPOLIS—Certus Cold Glue Co. Waterproof in Powder Form), 28 E Hennepin av
ST. PAUL—Fuller H. B. Co. (Cold Water & Powdered), 188 W 3d

MISSOURI.

ST. JOSEPH—Swift & Co., Stock Yards
ST. LOUIS—American Glue Mfg. Co., 410 Elm
Cibara Mfg. Co. (Tubing, Shoes, Paper Box, Shipping, Case, Labeling), 1512 Clark
Clarkson Glue Co., 216 N Main
Mathiason P. B. Mfg. Co., 5310 N 2d
Reardon Glue, Mfg. Co., 2d & Clinton, N Broadway
St. Louis Glue Mfg. Co. (Animal & Vegetable), 2125 Division
Tamm Bros. Glue Co., 600 S Vandeventer av

NEW HAMPSHIRE.

KEENE—Keene Glue Co.

NEW JERSEY.

NEWARK—Lister's Agricultural Chemical Works, Lister av

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Blehdon V. R., Brisbane bldg.
GOWANDA—Cooper's Peter Glue Factory
Eastern Tanner's Glue Co.
JOHNSTOWN—Knox C. B. Co

NEW YORK CITY.

Borough of Queens.

BROOKLYN—Higgins Chas. M. & Co. (Vegetable), 271 9th
McMeekan D. Mfg. Co. (Also Flexible Glue), 1070 Pacific

Boroughs of Manhattan and Bronx.

NEW YORK—Am. Agricultural Chem. Co., 2 Rector
Arabol Mfg. Co. (Cold, Liquid & Dry), 100 William
Armour Glue Works, 120 B'way
Baeder Adamson & Co., 67 Beekman
Bauer Philip Co., 25 W Broadway
Burnot Mfg. Co. ("Burbyotte" Stainless for Millinery), 64 Gold
Burrage Robt. R. (Flexible, for Bookbinders & Leathergoods), 83 Gold
Cooper's Peter Glue Factory, 11th av & 28th
Dunn T. W. & Co., 248 Front
HEWITT C. B. & BROS., INC. (Jobbers), 20 Ferry
See adv index at end of book
Isaacs S. & Co., 100 William
Johns-Manville H. W. Co. (Fireproof), Madison av & 41st
Kuh E. S. & Valk Co. (Bone, Hide, Fleshings, etc), Produce Exch.
Listers Agricultural Chemical Wks., 2 Rector
Madison Glue Mfg. Co., Inc., 97 Beekman
Milligan & Higgins Glue Co., 222 Front
National Glue & Gelatine Works, 11th av & 59th
National Gum & Mica Co. (Cold, Liquid & Dry), 59th & 11th av
New Process Chem. Co. (Liquid Waterproof Marine), 39 Cortlandt
Pfaltz & Bauer (Imp), 300 Pearl
Progressive Glue Co., 185 Wooster

C.B. HEWITT & BROS., Inc.
20 FERRY ST., NEW YORK

Manufacturers, Importers and Dealers

Paper Pattern Papers, Detail and Tracing Papers, Flexible Papers for Leather Work, Backing Paper, Card Middles, Jute and Rope Manillas, Building and Roofing Papers, Wrapping Papers, Special Papers made to order.

Boards Binders Boards, Trunk and Case Boards, Friction Boards, Leather Boards, Fibre Boards, News and Press Boards, Box Boards, Straw Boards (Air and Steam Dried). A.B.C. Pattern Boards a specialty.

Glues Foreign and Domestic, Hide and Bone Glues, Sheet, Broken and Ground, for Cabinet and Piano Work (joint and veneer), Paper Making, Straw Hat and Fabric and Kalsomine Sizing, Bindery, Furniture and Box Makers' Glues.

Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

Stevenot Chas. J. & Co. (Imp.), 388 Pearl
Townsend Chas. & Bro. (Imp.), ("J. Coignet" Sheet), 276 Pearl
Union Glue Corp. (Flexible), 32 Water
Waddell R. J. & Co. (Imp Sheet), 52 Beekman
Weil Samuel & Son (Animal & Vegetable), 194 Franklin
Wood & Hare ("Prof. Callans," "Brazilian" Liquid), 66 Leonard

Borough of Queens.

LONG ISLAND CITY—Van Iderstine Co.

NORTH CAROLINA.

CHARLOTTE—Cook B. C. Chemical Mfg. Co. (Liquid)

OHIO.

CINCINNATI—**Bird Varnish Co., 202 Main**
Marienthal Co., 1709 John
Stephens & Bro., 16 E 2d
CLEVELAND—Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland

PENNSYLVANIA.

LANCASTER—Conestoga Glue Works
Lamparter Geo. Sons
LANSDALE—Perkins Glue Co.
PHILADELPHIA—American Glue Co., 418 Arch
Baeder, Adamson & Co., Richmond & Allegheny av
Baugh & Sons Co., 20 S Delaware av
Berg Co., Ontario below Richmond
Commonwealth Glue Co., Drexel bldg.
Continental Mfg. Co. ("Continental" Liquid), 4611 Girard
Delany & Co., Tacony
Diamond Glue Co., 213 N Water
Harshaw, Fuller & Goodwin Co., Chicago, Cleveland, New York & Philadelphia
Haws Dan'l B., 30 N 5th
National Gum & Mica Co., Lawrence & Vine
Tunnell F. W. & Co., 15 N 5th
Wilson- Martin Co., 30th & Market
PITTSBURGH—Wilhelm Henry (Glue & Upholstering Supplies), 136 10th
PRIMOS—Magnet Cement & Dressing Co. ("Peerless" Liquid)
WILLIAMSPORT—Keystone Glue Co.

WISCONSIN.

MILWAUKEE—Diamond Ink Co., 192 E Water
United States Glue Co., Carrollsville

5517a— Glue Stock

Barr Chemical Co., 255 Douglas, Brooklyn, N. Y.
Bauer Philip Co., 25 W Broadway, New York
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York

5517b— Glue Substitutes

Arabol Mfg. Co., 100 William, New York
Nat'l. Gum & Mica Co., 59th & 11th av, New York

5518— Glue (Tanners')

Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Eastern Tanners' Glue Co., Gowanda, N. Y.

5518a— Glue (Vegetable)

Bloede Victor G. Co., Caton av, Balto., Md.
Cibara Mfg. Co., 1512 Clark, St. Louis, Mo.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
National Gum & Mica Co., 59th & 11th av, New York
Perkins Glue Co., Lansdale, Pa.
Reardon Glue Mfg Co., 2d & Clinton, St. Louis, Mo.
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
Weil Samuel & Son, 194 Franklin, New York
Williamson Glue & Gum Wks., 220 W Huron, Chicago, Ill.

5519-20— Glue Waterproof)

Certus Cold Glue Co. (In Powder Form), 28 E Hennepin av, Minneapolis, Minn.
Ferdinand L. W. & Co. ("Jeffrey's Waterproof Liquid), 154 Kneeland, Boston, Mass. *See adv index at end of book*

5521— Glycerine

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Alba Mfg. Co., Aurora, Ill.
American Trading Co., 25 Broad, New York
Armour & Co. (Refined), Dept. H, Union Stock Yards, Chicago, Ill.
Babbitt B. T. (Inc.), (Refined), 15 W 34th, New York
Celina Stearic Acid Co. (Crude), Celina, O.
Colgate & Co. (Refiners), 105 Hudson, Jersey City, N. J.
Cudahy Packing Co. (Refiners), 111 W Monroe, Chicago, Ill.
Emery Candle Co. (Refined for Dynamite), 115 E. 4th, Cincinnati, O.
Fairbank N. K. Co. (Refined), 111 W Washington, Chicago, Ill.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Globe Soap Co. (Refined), United Bank bldg, Cincinnati, O.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Gross A. & Co., 90 West, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jacob Chas. W. & Allison (Imp "Glypho" Substitute), 18 Cedar, New York
Jobbins Wm. F. (Inc.) (Crude, Refined, Chemically Pure), Aurora, Ill.
Kendall Mfg. Co., 90 Friendship, Providence, R. I.
Kirk E. W. Soap Cleaner Co., Edina, Mo.
Kirk Jas. S. & Co. (Refined), 1232 W North av
Kirk Walter R., 327 S LaSalle, Chicago, Ill.
Kirkman & Son (Refined), 215 Water, Brooklyn, N. Y.
Larkin Co. (Refined), 663 Seneca, Buffalo, N. Y.
Lautz Bros. & Co., Buffalo, N. Y.
Lever Bros. Co., Cambridge, Mass.
Marx & Rawolle, 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
Peet Bros. Mfg. Co., 17th & Kans. av, Kansas City, Mo.
Proctor & Gamble Co. (Refiners), Gwynne bldg, Cincinnati, O.
Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.
Schellings C. J. & Co. (Imp.), 160 Pearl, New York
Swift & Co. (Refined), Union Stock Yards, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Will & Baumer Co. (Crude), Syracuse, N.Y.
Wilson Martin Co. (Crude), 30th & Market, Phila., Pa.

5521a— Glycerine Substitutes

Nulomoline Co., 111 Wall, New York

5522— Glycerophosphate

Merck & Co., 45 Park pl, New York
Monsanto Chemical Works (Calcium, Potassium & Sodium), St. Louis, Mo.

5523— Goals (Basket Ball)

St. Charles Net & Hammock Co., St. Charles, Ill.
Spalding A. G. & Bros., 126 Nassau, New York

Go-Carts

See Carriages, Children's with the Words Go-Cart Following Their Names

5524— Goggles (Sand Blast)

MacLeod Co., 2227 Bogen, Cinncinnati, O.
See adv index at end of book

5525—Goggles & Eye Protectors

American La France Fire Engine Co., Inc., Elmira, N. Y.
American Optical Co., Southbridge, Mass.
American Thermo-Ware Co. (For Automobilists, Oxygen Welders, Workmen, etc), 16 Warren, New York
Barnard Machinery Co., Dept. H, Enterprise Kans.
Carbic Mfg. Co. (Carbic Goggles for Welding & Cutting), Duluth, Minn.
Chicago Eye Shield Co. ("Eureko," "Boston," "Chicago," "Cheyenne"), 2300 Warren av, Chicago, Ill.
Demmerle & Co., 45 W 25th, New York
Faultless Rubber Co. (Auto Goggles), Ashland, O.
Featherweight Eyeshade Co. ("Featherweight"), Merchantville, N. J.
Globe Optical Co., 403 Washington, Boston, Mass.
Hardy F. A. & Co. ("Noviweld"), 10 S Wabash av, Chicago, Ill.
Hayward S. F. & Co., 250 W 54th, New York
Hudson Products Co., 19 Madison av, New York
King Julius Optical Co. ("Saniglas," All kinds), 10 Maiden la, New York
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
Munsell Eugene & Co., 68 Church, New York
National Helmet Co. (Workmen's), 250 W 54th, New York
Newport Novelty Mfg. Co., 28 Boerum, Brooklyn, N. Y.
Pennsylvania Optical Co., Reading, Pa.
Safety First Supply Co., 107 3d av, Pittsburgh, Pa.
Scheffer & Rossum Co., 104 E 10th, St. Paul, Minn.
Scheidig Jno. & Co. (Imp Eye Shields), 32 Maiden la, New York
Soderling Walter Co., Inc. (Safety & Welding), 347 W Broadway, New York
Spencer Optical Co. (Imp), 5 Maiden la, New York
Standard Optical Co. ("Shoes"), Geneva, N. Y.
Strauss Bros. & Co. (Goggles, Imported), 355 B'way, New York
Strauss & Buegeleisen ("Resistal"), 16 Hanover pl, Brooklyn, N. Y.
Strong, Kennard & Nutt Co. ("Adjustoglas," for Welders, etc), 2044 E 9th, Cleveland, O.
Sussfeld, Lorsch & Co. (Imp), 90 Maiden la, New York
Triplex Safety Glass Corp. of Am. (Glass for Goggles), 19 W 44th, New York
Wilson Goggle, Inc. ("Willson" Eye Protectors for Workmen & Safety Glasses), Reading, Pa.

5525a— Gold Chloride

Ames M. Chemical Wks, Glen Falls, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chem. Wks., 2d & Mallinckrodt, St. Louis, Mo.
Powers-Weightmann-Rosengarten Co., 916 Parrish, Phila., Pa.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

5525b— Gold (Granulated)

Handy & Harman, 55 Cedar, New York
Jackson John J. Co., 158 Astor, Newark, N. J.
Ney J. M. Co., Hartford, Conn.

5526— Gold Leaf

American Roll Gold Leaf Co., 56 Pine, Providence, R. I.
Baer Bros., 438 W 37th, New York
Baker & Co., 54 Austin, Newark, N. J.
Cabot Edwin S. (Est. of), 103 Arch, Boston, Mass.
Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.
Cottier Chas. & Son, 65 Nassau, New York
Drakenfeld B. F. & Co., 50 Murray, New York
Harwood F. W. & Son, 307 Guilford av, Baltimore, Md.
Hastings & Co., 819 Filbert, Phila., Pa.
Henke Robt., 175 Park row, New York
Hickson Stephen A., 559 Broome, New York
Hunt Philip A. Co., 225 5th av, New York
Kemp W. H. Co., 165 Spring, New York
Powers-Weightmann-Rosengarten Co., 916 Parrish, Phila., Pa.
Rauskolb Fred W Co., 103 Arch, Boston, Mass.
Schultz's Michael Sons (Imitation Gold & Metal Leaf), 152 E Houston, New York
Swift M. & Sons, Hartford, Conn.
Valleau Mfg. Co., 506 Broome, New York
Wehrung & Billmeier Co., 3624 Lincoln av, Chicago, Ill.

5526a1— *Gold (Liquid)

HANOVIA CHEMICAL & MANUFACTURING CO. (for China and Glass Decorating), 100 Chestnut, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

5526a—Gold-Sodium (Chloride)

Ames M. Chem. Wks., Glen Falls, N. Y.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

5527—Golf Course Cups & Hole Cutters

GEM MFG. CO., Goebel nr Fulton N S. Pittsburgh, Pa.
See adv index at end of book

Gongs (Car, Etc.)

See Bells & Gongs, Car

5528—Gongs (Electro-Mechanical)

Bunnell J. H. & Co., 32 Park pl, New York
Edwards & Co., Exterior & 104th, New York
Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Loper Fire Alarm Co., Stonington, Conn.
Partrick & Wilkins Co., 51 No. 7th, Phila., Pa.
Star Electrical Motor Co., Miller & N J RR av, Newark, N. J.

5529—Gongs (Unmounted Electric Bell)

American Tube & Stamping Co., **Bridgeport, Conn.**
Bevin Bros. Mfg. Co., **East Hampton, Conn.**
Bridgeport Brass Co., **Bridgeport, Conn.**
Catasauqua Gong & Stamping Works, Catasauqua, Pa.
East Hampton Bell Co., **East Hampton, Conn.**
Gong Bell Mfg. Co., **East Hampton, Conn.**
Hill N. N. Brass Co., **East Hampton, Conn.**
Reiter G. C., Canton, O
Star Bros. Bell Co., East Hampton, Conn.

5530— Goosenecks

American Brass & Copper Co., **138 Lafayette,** New York
American Foundry & Mfg. Co. (Lead & Cast Iron), 11th & Hebert, St. Louis, Mo.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Federal-Huber Co. (Cast Iron), **234 N Halsted,** Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co. (Lead, etc), Erie, Pa.
Heap Wm. & Sons, Grand Haven, Mich.
Kupferle Jno. C. Fdry. Co. (Cast Iron), 1st & Wright, St. Louis, Mo.
McDonald A. Y. Mfg. Co. (Cast Iron, etc), Dubuque, Ia.
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Miller Chas. A. Co. (Galvanizing for High Tanks), Sturgis, Mich.
Mueller H. Mfg. Co., Dept. H, Decatur, Ill.
Park & McKay, 55 Bagley av, Detroit, Mich.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Walworth Mfg. Co. (Lead, etc), **Boston, Mass.**

5531—Gouges (Plumbers', Blacksmiths', Etc.)

See also Chisels & Gouges, Carpenters'

Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Plumbers' & Wood Turners', all Steel Handle), South Side, Louisiana, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
Gardner Machine Works, Gardner, Mass.
Plomb Tool Mfg. Co., 1119 Santa Fe, Los Angeles, Cal.
Stortz John & Son, 210 Vine, Phila., Pa.

5532—Governors (Compressor)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
Judson Governor Co., Rochester, N. Y.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5533—*Governors (Electric Motor Compressor)

INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*
STEWART JAMES & CO., INC., 1210 Fisher bldg, Chicago, Ill.

5534—*Governors (Electric Pump)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ruggles-Klingemann Mfg. Co. (Oil) ("R-K"), Salem, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5535— Governors (Gas)

Am. Gas Governor Wks., Inc., 31-33 E 27th, New York
Baylis Company, Bloomfield, N. J.
Chaplin-Fulton Mfg. Co. ("Fulton," for District or Service Use; also "Duplex" Sensitive with Automatic Cut-Off), **34** Penn av, Pittsburgh, Pa.
Connelly Iron Sponge & Governor Co. (Automatic, Balance, High Pressure & Service), 227 Fulton, New York
Equitable Meter Co. ("Crawford"), 424 1st av, Pittsburgh, Pa.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Helme & McIlhenny ("Foulis" Station), 1339 Cherry, Phila., Pa.
Hennebohle Frank (& Hydraulic), 31st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Isbell-Porter Co. (Street Governors), **46** Bridge, Newark, N. J.
Lee George E. Co., Caxton bldg, Cleveland, O.
Lees International Gas Governor Co., **128** N Main, Providence, R. I.
Leffler Chas. & Co. ("Automatic") **59** Clymer, Brooklyn, N. Y.
See adv index at end of book
Mason Regulator Co., 1192 Adams, Boston, Mass.
Reynolds Gas Regulator Co. (High Pressure for Artificial Gas), Anderson, Ind.

5535a—Governors (Gasoline Engine)

Duplex Engine Governor Co., **36** Flatbush av, extension, Brooklyn, N. Y.

5536—Governors (Motor Driven Compressor)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5537—Governors (Oil Burner)

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Witt G. E. Co. ("Little Giant"), **862** Howard, San Francisco, Cal.

5538—Governors (Pneumatic)

Judson Governor Co., Rochester, N. Y.
National Brake & Elec. Co. ("National," for Electric Cars), ft Belleview pl, Milwaukee, Wis.

5539— Governors (Pressure)

Bridgeport Brass Co. (Unmounted Only), Dept. H, Bridgeport, Conn.
Foster Engng. Co., **109 Monroe, Newark, N. J.**
Judson Governor Co., Rochester, N. Y.
McAlear Mfg. Co. (High Boiler Line), **1901 S Western** av, Chicago, Ill.
Mason Regulator Co. ("Mason"), **1192** Adams, Boston, Mass.
Tagliabue Chas. J. Mfg. Co., **18 33d,** Brooklyn, N. Y.

5540— Governors (Pump)

Acton John (Leather Cup Pump Governors), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American Steam Gauge & Valve Mfg. Co. ("American Universal" Safety), **208** Camden, Boston, Mass.
Atwood & Morrill ("XX Century"), **48** Loring av, Salem, Mass.
Berry Engineering Co. ("Berry"), Chester, Pa.
Burrows Mfg. Co. (Automatic), York, Pa.
Cash A. W. Co., Decatur, Ill.
See adv index at end of book
Chaplin-Fulton Mfg. Co. ("Fulton"), **34** Penn av, Pittsburgh, Pa.
Chicago Engineer Supply Co. ("Boylston"), 68 W Lake, Chicago, Ill.
Collins Mfg. Co. (Ltd.) ("Griffith's" Automatic), 612 Chestnut, Phila., Pa.
Consolidated Engineering Co. ("Van Auken," for Feed & Vacuum Pumps), 507 W Jackson blvd, Chicago, Ill.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Davis G. M. Regulator Co. (Auto, Condenser & Receiver), 434 Milwaukee av, Chicago, Ill.
D'ESTE JULIAN CO., 26 Canal, Boston, Mass. *See adv index at end of book*
Dow Pump & Diesel Engine Co., 417 Dunham C. A. Co. (Vacuum), 343 S Dearborn, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Fisher Governor Co. ("Fisher"), Marshalltown, Ia.
Ford Thos. P. Co. (Automatic), **407** Broome, New York
Foster Engng. Co. (Diaphragm or Piston Operated, Hydraulic, Ammonia, Excess Boiler Feed, Vacuum, Fuel Oil, etc.), 109 Monroe, Newark, N. J.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Garrett W. D. & Co., 126 Liberty, New York
GODFREY-KEELER CO. ("Simplex"), 70 Warren, New York.
See adv index at end of book
Hennebohle Frank, 31st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Hughson Stearn Spec. Co. ("Eclipse"), W 21st & S Racine av, Chicago, Ill.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
See adv index at end of book
Ideal Automatic Governor Co. ("Ideal"), 164 Emmet, Newark, N. J.
Illinois Engineering Co. ("Hughson"), W 21st & S Racine av, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Judson Governor Co., Rochester, N. Y.
Kieley & Mueller ("Rockaway" Automatic), 34 W 13th, New York
Kitts Mfg. Co. (Pressure), Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Linton Machine Co., 26 Cortlandt, New York
Locke Regulator Co. ("Boardman," also Fire Pump), Salem, Mass.
McAlear Mfg. Co. (Condensation, Excess Pressure & Vacuum), 1901 S Western av, Chicago, Ill.
McDonough Automatic Regulator Co. ("McDonough"), 716 Gd. River, Detroit, Mich.

GARDNER

Let this mark govern your purchase

GARDNER G G TRADE MARK

PUMPS---GOVERNORS---COMPRESSORS are the result of 62 years devoted to the building of dependable machinery. If it is made by Gardner you may be sure it is made right.

THE GARDNER GOVERNOR COMPANY
Quincy, Illinois

Chicago	New York	Philadelphia	San Francisco	Los Angeles
Fisher Bldg.	Singer Bldg.	604 Arch St.	505 Howard St.	409 E. Third St.

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Middlesex Machine Co. ("Legg"), Lowell, Mass.
Monash-Younker Co., 1407 W Jackson blvd, Chicago, Ill.
Nason Fred W. Co., 39 Cortlandt, New York
Northern Equipment Co. ("Copes"), Erie, Pa.
Ruggles-Klingemann Mfg. Co. (Vacuum "R-K"), Salem, Mass.
"S-C" Regulator Mfg. Co., Fostoria, Ohio
Shopp, W. A. & Co. (Water & Oil), New Castle, Ind.
Squires C. E. Co., 3934 Kelly av, Cleveland, O
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.
Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Waters Governor Co., 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson" Steam Pump, Intermittent & Throbbing), 146 N 7th, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Wilgus Mfg. Co. ("Wilgus" for Fuel Oil Steam Pumps, Air Compressors, etc.), Los Angeles, Cal.
Williams Gauge Co. ("Williams"), 543 4th av, Pittsburgh, Pa.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.
Wright-Austin Co. ("Murray"), 97 Woodbridge, Detroit, Mich.

5541—Governors (Retort House)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Isbell-Porter Co., 46 Bridge, Newark, N. J.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

5542-3—Governors (Steam Engine)

Bayard M. L. & Co., Woodbine, N. J.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
Judson Governor Co., Rochester, N. Y.
Knowlson & Kelley Co., Inc., Troy, N. Y.
Lombard Governor Co., Ashland, Mass.
Massey Machine Co. ("Jahn" Steam & Gas Engine & Turbine), Watertown, N. Y.
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Pickering Governor Co., Portland, Conn.
Sinker-Davis Co. ("King," "Hoosier,"), Indianapolis, Ind.
Vicksburg Governor Co. ("New Judson"), Vicksburg, Mich.
Waters Governor Co., 141 Milk, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wright Machine Co. ("Gunther"), 405 E. 2nd, Owensboro, Ky.

5544— Governors (Turbine)

Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Massey Machine Co. ("Jahns" System), Watertown, N. Y.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

5545—Governors (Water Line)

McAlear Mfg. Co., 190 S Western av, Chicago, Ill.
Steam Appliance Co. ("Peters"), Milwaukee, Wis.

5546—Governors (Water Wheel)

Cohoes Iron Foundry & Machine Co. ("Snow"), Cohoes, N. Y.
Holyoke Machine Co., Worcester, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Lombard Governor Co., Ashland, Mass.
Pelton Water Wheel Co., 19 & Harrison, San Francisco, Cal., & 90 West, New York
Woodward Governor Co., Rockford, Ill.

5547— Grabs (Oyster)

Auer John, Jr. (Wrought Tongs), 197 Middleton, Brooklyn, N. Y.

Grabs (Stone, Etc.)

See Hooks, Grab

5548— Graders (Barley)

Howes S. Co. ("Rich" Barley Grades & Needle Screens), Silver Creek, N. Y.
Robinson Mfg. Co., Muncy, Pa.

Graders (Elevating)

See Road Machines & Graders

5549—Graders (Grain & Seed Corn)

American Grain Separator Co. ("Winner"), Erie & S E Essex, Minneapolis, Minn.
Cleland Mfg. Co. ("Expert"), 280 Washington av, N, Minneapolis, Minn.
Constant B. S. Mfg. Co. ("U. S."), Bloomington, Ill.
Dickey A. P. Mfg. Co. ("Dickey"), Racine, Wis.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Gale Mfg. Co., Albion, Mich.
Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.
Hunnicutt Chas. Co. ("Perfection"), Wilmington, O.
Invincible Grain Cleaner Co. ("Invincible"; also Rice, Oats & String Beans), Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Manson-Campbell & Sons Co. ("Chatham"), 45 Federal, Detroit, Mich.
Martin Co. ("Corn King"), Sac City, Ia.
Maytag Co. ("Hawkeye"), Newton, Ia.
Noxall Mfg. Co., Seward, Neb.
One Minute Mfg. Co. ("Newton"), Newton, Ia.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Robinson Mfg. Co., Muncy, Pa.
Rumely Leo Tractor Co. ("Rumely," "Rainbow," Grain, Hand or Power), La Porte, Ind.
Success Seed Grader Co. ("Success"), Spokane, Wash.
Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.

5550—Graders (Railroad, Reservoir, Etc.)

Bagley Grader Co. ("Bagley" Steam or Electric Power), Tacoma, Wash.

5551— Graders (Rice)

Dickey A. P. Mfg. Co., Racine, Wis.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Sprout, Waldron & Co., Muncy, Pa.

Gradometers

See Meters, Distance Recording

5552—Graduators (Thermometer & Chemical Glassware)

Burr Co., Champaign, Ill.

5553—Grain Elevator Builders

American Machinery Co., 103 W Water, Milwaukee, Wis.
Barnett & Record Co., Flour Exch., Minneapolis, Minn.
Benson C. H., Corn Exchange, Minneapolis, Minn.
Burrell Engineering Construction Co., 30 N La Salle, Chicago, Ill.
Camp Bros. & Co. (& Hydraulic Dump), Washington, Ill.
Chesley Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hickok Construction Co., 818 Flour Exchange, Minneapolis, Minn.
Iberson T. E., Corn Exchange, Minneapolis, Minn.
King & Hamilton Co., Ottawa, Ill.
Link Mfg. Co., Kansas City, Mo.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Metcalf J. S. Co., 108 S La Salle, Chicago, Ill.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Snyder Wm. H., Carey, O.
Southwestern Engg. Co., Springfield, Mo. (Designers & Builders)
Sprout, Waldron & Co., Muncy, Pa.
STEWART JAS. & CO. (INC.), Westminster bldg, Chicago, Ill.
Wasner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star"), Warner, Ill.
Witherspoon-Englar Co., Monadnock blk, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

5554—Grain Elevator & Wagon Dumps (Portable)

Bauroth Bros. ("Bauroth"), Springfield, O.
Camp Bros. & Co. ("Camp" Hydraulic), Washington, Ill.
Cizek Bros. Mfg. Co. ("Farmers' Friend"), Clutier, Ia.
Clark Machine Co. ("Clark"), St. Johnsville, N. Y.
Davidson Chas. E. ("Eureka"), Eureka, Ill.
Fleming & Sons Mfg. Co. ("Acme"), Huntsville, Mo.
Fremont Mfg. Co. ("Jones"), Fremont, Neb.
G. & D. Mfg. Co. ("Farmers' Friend"), Streator, Ill.
Galloway William Co., Waterloo, Ia.
Hart Grain Weigher Co. ("Hart," Vertical Bucket Type), Peoria, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
King & Hamilton Co. ("American," "K. & H."), Ottowa, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Luthy & Co. ("Ideal"), Peoria, Ill.
Maroa Mfg. Co., Maroa, Ill.
Marseilles Works of Deere & Co. ("Marseilles"), East Moline, Ill.
Meadows Mfg. Co. ("Rocke," "Meadows"), Pontiac, Ill.
Meyer A. F. Mfg. Co., Morton, Ill.
O'Neil T. L. ("Eclipse," "Flying Swede"), Marseilles, Ill.
Peoria Drill & Seeder Co. ("Peoria" all Steel), Peoria, Ill.
Portable Elevator Mfg. Co. ("Little Giant," "National"), Bloomington, Ill.
Rude Mfg. Co., Liberty, Ind.
Rumely Leo Tractor Co., La Porte, Ind.
Sandwich Mfg. Co. ("Sandwich"), Sandwich, Ill.
Schroeder H. V. Mfg. Co. ("Schroeder"), Minier, Ill.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.
Sterling Mfg. Co., Sterling, Ill.
Swanson-St. Joseph Plow Co. ("Swanson"), St. Joseph, Mo.
Warner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star," "Warner"), Warner, Ill.
Wenzelman Mfg. Co. ("Wenzelman"), Galesburg, Ill.
Wolf Co., Chambersburg, Pa.

Grain Tanks

See Tanks, Grain Storage

5554a— Grains (Emery)

Day S. A. Mfg. Co. (Dealers), 1483 Niagara, Buffalo, N. Y.
Jackson Mills Emery Co., Easton, Pa.
Niagara Emery Mills, Lockport, N. Y.

5555—Grains & Brick (Rubbing)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Thurston F. W. Co. ("Thur-Stone"), 1832 S Clark, Chicago, Ill.
Waddell R. J. & Co. ("Schumacher's"), 52 Beekman, New York

5556— Granite (Black)

French Creek Granite Co., St. Peters, Pa.

5557—Granite Building Work (Cutters' & Contractors')

These names are duplicated under the head of Granite Producers, Workers & Dealers
Blake Chas. G & Co. (Monumental Work), 108 S LaSalle, Chicago, Ill.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Cross Bros. Co., Northfield, Vt.
Fletcher H. E. Co. (Mausoleums, Vaults, etc), West Chelmsford, Mass.
Flynt W. N. Granite Co., Monson, Mass.
Granite Railway Co., Quincy, Mass.
Gray Wm. & Sons Co., 30th bl, Walnut, Phila., Pa.
Guilford & Waltersville Granite Co., Law bldg., Baltimore, Md.
Hallowell Granite Works, Hallowell, Me., & 53 State, Boston, Mass.
Harris C. J. Granite Quarries Co., Salisbury, N. C.
Jones Bros Co. (Monumental Work a Specialty), 10 High, Boston, Mass.
Leopold J. & Co., 233 Broadway, New York
McDonnell & Sons, 858 Main, Buffalo, N. Y.
Milford Ping-Victoria White Granite Co., 405 Lexington av, New York
Mount Waldo Granite Works, Frankfort, Me.
National Building Granite Quarries Assn., Inc., 31 State, Boston, Mass.
New England Granite Works, Westerly, R. I.
North Carolina Granite Corp., Mount Airy, N. C.
Perry Bros., Concord, N. H.
Port Deposit Quarry Co., Port Deposit, Md.
ROCKPORT GRANITE CO., Rockport, Mass.
Rullman & Wilson, Lafayette E of Mt Royal, Baltimore, Md.
St. Cloud Granite Works, St. Cloud, Minn.
SWENSON JOHN GRANITE CO., Concord, N. H.
Welbien A. Marble & Granite Co., City Pk av & St. Louis, New Orleans, La.
Wells-Lamson Quarry Co., Barre, Vt.
Windsor Green Granite Co., Worcester, Mass., & Windsor, Vt.
Winnsboro Granite Corp., Rion, S. C.
Woodbury Granite Co., Hardwick, Vt.

5557a—Granite (Chemically Pure)

Grueby Faience & Tile Co. ("Grubite"), Perth Amboy, N. J.

5558—Granite Columns (Polished)

Blake Chas G. & Co., 108 S La Salle, Chicago, Ill.

GRANITE COLUMNS (POLISHED)—cont.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Fletcher H. E. Co., West Chelmsford, Mass.
Foster & Hosler, 431 S Dearborn, Chicago, Ill.
Granite Railway Co., Quincy, Mass.
Hallowell Granite Works, Hallowell, Me.
Jones Bros. Co., 10 High, Boston, Mass.
Milford Ping-Victoria White Granite Co., 405 Lexington av, New York
New England Granite Works, Westerly, R. I.
Richards John R., Quincy Mass.
Rockport Granite Co., Rockport, Mass.
St. Cloud Granite Works, St. Cloud, Minn.
Simmers & Campbell (Turned & Polished), St. Cloud, Minn.
Swenson John Granite Co., Concord, N. H.
Wells-Lamson Quarry Co., Barre, Vt.
Woodbury Granite Co., Hardwick, Vt.

Granite (Crushed)

See Stone, Crushed; also Trap Rock

5559— Granite (Green)

Clements Chas. ("American" Killarney), Boston, Mass.
Rockport Granite Co., Rockport, Mass.

5560— Granite (Ligonier)

Booth & Flinn (Ltd.) 1942 Forbes, Pittsburgh, Pa.

5561— Granite Meal

Port Deposit Quarry Co., Port Deposit, Md.

Granite (Monumental Work)

See Granite Building Work, Cutters & Contractors; also Barre, Vt.; Quincy, Mass., & Westerly, R. I., in Granite Producers, Workers & Dealers

5562—Granite Producers (Pink)

Harris C. J. Granite Quarries Co., Salisbury, N. C.
Leopold J. & Co., 233 Broadway, New York
Lovejoy Granite Co., Milford, N. H.
New England Granite Works, Westerly, R. I.
Norcross Bros. Co. (Milford Pink), 10 E Worcester, Worcester, Mass.
Webb Pink Granite Co., Milford, Mass.
Wise Granite & Construction Co., Richmond, Va.

5563—Granite Producers (Red)

Anderson Bros. & Johnson Co. ("Wisconsin Ruby") Wausau, Wis.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Leopold J. & Co., 233 B'way, New York
Milford Ping-Victoria White Granite Co., 405 Lexington av, New York
New England Granite Works (Westerly Red, etc), Westerly, R. I.
Norcross Bros. Co. (Stony Creek, etc), 10 E Worcester, Worcester, Mass.
ROCKPORT GRANITE CO., Rockport, Mass.
Smith Granite Co., Westerly, R. I.

5564—Granite Producers, Workers & Dealers

Those Marked with the Star (*) have Quarries
All other Granite classifications are duplicates of this list.
See also Granite Building Work, Cutters & Contractors; also Granite Columns, Polished; also Marble Producers; also Stone Producers, Workers & Dealers

CALIFORNIA.

NEVADA CITY—*Bridges E. D.
PENRYN—*Griffith David
ROCKLIN—California Granite Co.
*Delano Granite Co.
*Kesti & Son
SACRAMENTO—*Carlaw Bros.
SAN DIEGO—*Simpson-Pirnie Granite Co.
SAN FRANCISCO—McGilvray Stone Co., 634 Townsend
Raymond Granite Co., 3 Potrero av, Dept. H

COLORADO.

DENVER—*Denver Marble & Granite Co.

CONNECTICUT.

GROTON—*Salter J. & Son
LEETE ISLAND—Beattie John
MILLSTONE—Gardiner Henry
NEW HAVEN—Bowden Thos.
NEW LONDON—Booth Bros. & Hurricane Isle Granite Co. (Red, Grey, White etc)
*Kopp J. K.
Sayle Thos., Jr.
NORWALK—Bates Jno. S.
STONY CREEK—Stony Creek Red Granite Co.
WATERFORD—*Booth Bros. & Hurricane Isle Granite Co.

DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine

DISTRICT OF COLUMBIA.

WASHINGTON—Falvey Michael J., 602 11th, N W

GEORGIA.

ATLANTA—Pine Mountain Granite Co.
ELBERTON—Elberton Granite Corp.
Oglesby Granite Co. ("Oglesby" Blue Granite)
LITHONIA—*Brand J. T.
*Brand & Newmeyer Granite Co.
*Brantley & Doby
*Davidson Granite Co.
*Johnson Granite Co.
*Pine Mountain Granite Co.
MACON—*Georgia Quincy Granite Co.
ROME—Standard Marble Co.
STONE MOUNTAIN—*Stone Mountain Granite Corp.

ILLINOIS.

BLOOMINGTON—Higgins - Jung - Kleinau Co.
Moore J. K.
CHICAGO—Blake Chas. G. & Co., 108 S La Salle
Fenn C. E. & Co., (Wholesalers), 38 S Dearborn
Foster & Hosler, 431 S Dearborn
Gall Chas H., 127 N Dearborn
Laechle W. C. & Co., 30 N La Salle
MacLane Edw. (Mfrs. Agent), 1937 Grace
*SWENSON JOHN GRANITE CO., Marquette bldg.
Waushara Granite Co., 133 W Wash'n
Wisconsin Granite Co., 11 S La Salle

KENTUCKY.

LOUISVILLE—Peter & Burghard Stone Co.

LOUISIANA.

SHREVEPORT—Newman A. J.

MAINE.

ADDISON—Pleasant River Granite Co.
BANGOR—*Bangor Granite Co.
BIDDEFORD—Ross Ivory S.
Yates G. H.
FRANKLIN—Blaisdell W. B. & Co.
Bragdon Lincoln C.
FREEPORT—Green Fred C.
FRYEBURG—*Eagle Gray Granite Co.
HALLOWELL—*Hallowell Granite Works
JONESBORO—*Bodwell Granite Co.
NORTH JAY—*Maine & New Hampshire Granite Corp.
NORTH SULLIVAN—Crabtree & Havey
PORTLAND—Union Granite Co.
RED BEACH—Tarbox O. S.
ROCKLAND—Bodwell Gran. Co. (Red & Grey)
ROCKPORT—Philbrook Wm. H.
SOUTH THOMASTON—Bassick N. C. & Sons
Sleeper W. P.
STONINGTON—*Goss John L. Corp.
*Hagan John & Co.
SULLIVAN—*Dunbar Bros.
SWANVILLE—Webb F. P. & F. J.
THOMASTON—Burton Alvah F.
WATERVILLE—*Waterville Granite & Marble Co.

MARYLAND.

BALTIMORE—*Guilford & Waltersville
Hilgartner Marble Co., 223 N Charles
Rullman & Wilson (Granite Workers), Lafayette, E of Mt. Royal
GRANITE—Guilford & Waltersville Granite Co.
GUILFORD—Maryland Granite Co.
PORT DEPOSIT—Port Deposit Quarry Co. (Grits & Bldg Granite)
WOODSTOCK—Feeney & Atherton
Putney, Oliver C. (quarry)

MASSACHUSETTS.

BOSTON—Clements Chas. (Importer, Scotch)
*Cook, Watkins & Co. (Monumental Wholesale), 223 Columbus av
*Crumb Quarry Co., 35 Congress
*Fletcher Lahey Co. (Grey, Pink & White), 31 State
*Hallowell Granite Works, 53 State
Hildreth Granite Co., 31 State
Jones Bros. Co., 10 High
National Building Granite Quarries Assn. Inc., 31 State
*Norcross Bros. Co. (Grey, Red & Green Quarries at Milford, Mass.; Stony Creek, Conn.; Windsor, Vt., & Oneco, Conn.), Tremont bldg
*ROCKPORT GRANITE CO., 31 State
Sweatt & Gould, 75 Main
Van Amringe Granite Co., 167 Tremont
CAMBRIDGE—Harrington John (Est. of)
CHESTER—*Hudson & Chester Granite Co.
FALL RIVER—*Beattie Wm. H. (Dealer & Contractor)
FITCHBURG—Godbeer Henry
*Litchfield Orin E.
*McCauliff F. A.
GRANITEVILLE—*Fletcher H. N.
*Hildreth H. V.
*Palmer L. P. & Sons
*Wright H. D.
LANESVILLE—*Cheves Wm. R.
*Nickerson Wallace E.
LAWRENCE—Lawrence Granite Co.
LINWOOD—*Blanchard Bros. Granite Co.
LYNN—Merrill Geo. B. & Co.
MILFORD—Hutchings Geo. T.
Milford Pink Granite Co. (Quarriers of Building & Monumental Granite)
Victoria White Granite Co.
*Webb Pink Granite Co.
MONSON—*Flynt W. N. Granite Co.
QUINCY—Aberdeen Granite Works, West Quincy
Aberogwen Monumental Works
Ballou J. C.
Barnicoat Fred, South Quincy
Birnie & Diack, South Quincy
*Bishop Bros., Quarry Co.
Bishop Charles, South Quincy
Bishop R. & B.
Bishop Jos., South Quincy
Bizzozero E., West Quincy
Blue Hill Quarry Co., West Quincy
Callahan Wm.
Canniff W. C. & Co.
Casna J. & Co.
Clark & Pearce, South Quincy
Cole & Cole
Collins Thos. & Sons
Columbia Granite Works
Craig, Forbes & Co.
Cranch Hill Granite Works
Deacon Bros., South Quincy
Deacon Walter & Co.,, South Quincy
Deane A. M. & Co., South Quincy
Di Bona Luigi, West Quincy
Eagle Polishing Co., South Quincy
Elcock & Sons, West Quincy
Empire Polishing Co., South Quincy
Falconer & Co.
Fanning P.
Fitzgerald D. F.
Fuller, Foley & Co., West Quincy
Glencoe Granite Co., West Quincy
Giordanni & Co.
Golbranson & Co., South Quincy
Granite Railway Co., West Quincy
Hardwick C. H. & Co.
Howie A. & Son
Hughes & Johnson
Igo Jno. & Co.
Jenkins Jas. H.
Joss Bros. Co.
Kavanagh Bros. Co., South Quincy
Kelley James F. & Sons Co.
Kemp Alex., South Quincy
Le Claire Marcisse & Co., West Quincy
Long & Saunders Co., South Quincy
McGrath Bros., South Quincy
McIntosh A. M. & Co., South Quincy
McLeod W. J., & Co.
Malnati A. & Co., South Quincy
Mannix Patrick W., West Quincy
Maravigli John & Co.
Marnock A. & Co., South Quincy
Miller J. L., South Quincy
Milne & Chalmers, South Quincy
Milne & Hector, South Quincy
Mitchell Polishing Co., South Quincy
Monahan Mc., West Quincy
Mundie Alexander
Nicoll's Granite Works, South Quincy
Norfolk Granite Co.
Prout Bros., South Quincy
Qualey J. R. & Co., South Quincy
Quincy Avenue Granite Co.
Quincy Column Turning Co.
Quincy Quarries Co.
Reed & Vendret, South Quincy
Richards J. R., South Quincy
Shea William & Son, West Quincy
Smalley H. C. Granite Co.
Smith Granite Co.
Souden & Morrison, South Quincy
Spargo William T., South Quincy
Storer & Gelotte Co.
Swingle J. S.
Walker Joseph
White James N. & Sons, West Quincy
Zoia Peter & Co.
ROCKPORT—*Rockport Granite Co.
UXBRIDGE—*Blanchard Bros. Granite Co.
WEST CHELMSFORD—Fletcher H. E. Co. (Grey & White)
WORCESTER—*Troy White Granite Co.; Quarries: Troy, N. H.
Webb Granite & Construction Co. Gray Quarries: Fitzwilliam, Depot, N. H.
*Webb Pink Granite Co., Quarries; Milford, Mass.
*Windsor Green Granite Co., 10 E Worcester

MINNESOTA.

ROCKVILLE—*Rockville Granite Co.
ST. CLOUD—*Agate Granite Co.
*Benzie & Campbell
East St. Cloud Granite Co.
Erickson August & Co.
*Flaherty C. J. Granite Wks.
*Frick & Borwick Granite Co.
*Granite City Granite Co.
*Holes Bros.
Jones S. A.

Melrose Granite Co.
Northwestern Granite Co.
Pioneer Granite Co.
*St. Cloud Granite Works
Salaski John
*Simmers & Campbell
United Granite Co.
SAUK CENTER—*Sauk Center Granite Co.
SAUK RAPIDS—Sauk Rapids Granite Co.

MISSOURI.

GRANITEVILLE—Schneiderville Granite Co.
Sheahan A. J. Granite Co.
KANSAS CITY—Rice, Marshall H. Monument Co.
KNOBLICK—*Missouri Granite & Construction Co.
ST. JOSEPH—Abercrombie Stone Co.
Pfeiffer Stone Co.
ST. LOUIS—*Eyermann G. & Bro., 1216 S Grand av
Missouri Granite & Construction Co., 3410 Gratiot
*Schneider Granite Co., 2140 DeKalb
Schneiderville Granite Co.

NEW HAMPSHIRE.

CONCORD—Clark F. R.
Concord Granite Co.
Duffy M. J.
Dunstane T. H.
*Fox Thomas
*Henneberry & Halligan
Langley & Scampini
Lapierre A. A. & Co.
Larson & Carlson
*New England Granite Works
New Hampshre Granite Co.
Perry Bros.
***SWENSON JOHN GRANITE CO.** (Quarries)
FITZWILLIAM DEPOT—Thompson, E. M.
LANCASTER—Emerson & Bailey
MARLBORO—*Webb Granite & Construction Co.
MILFORD—Bergami F. Nicholas
Burnett Granite Co.
Caron Bros.
Columbia Granite Co.
Conti Bros.
*Daniels D. L. & Co.
*Kittredge Quarries
Lovejoy Granite Co.
*New Westerly Granite Co.
*Pease Co.
Rossi Bros. Co.
Tonella & Sons
Wark Jas.
Young's Sons & Co.
NASHUA—*Nashua Granite Co.
NORTH HAVERHILL — *Jesseman Granite Co.
REDSTONE—*Maine & N. H. Granite Corp.
ROCHESTER—*Hawkes E. M.
Smalley, Hobbs & Hunter
SUNCOOK—*Bailey Charles A.

NEW JERSEY.

EDGEWATER—Batterson & Elsele
NEWARK—Wyllie-Saylor Granite Co., 627 Central av

NEW YORK.

BUFFALO—*McDonnell & Sons, 858 Main
Maltby Geo. W. & Sons Co., 21 Maryland

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Hynes John, Bond & Union
Peirce J. Co., Greenp't av & Newt'n creek

Boroughs of Manhattan and Bronx.

NEW YORK—Annett & Bros., 12 W 141st
*Batterson J. G., 489 5th av.
Batterson & Elsele, 101 Park av
*Booth Bros. & Hurricane Isle Granite Co. (Red, Grey & White), 208 B'way
Brown John & Sons, Rider av & 141st
Cardo Bros. & Co., 3167 E Tremont av
Crotch Island Granite Co. (Quarries at Stonington, Me.), 26 Cortland, New York
*Dutton James E., 42 E 23d
French H. Q & Son, 15 E 40th
Harrison Granite Co., 200 5th av
Herow Granite Co., Willow av & 133d
La Spina Peter Co., 2 Canal pl
Lenahan J. B. J., 140th & Rider av
Leopold J & Co. (Granite Contractors), 233 Broadway
Le Poidevin A. & Co., 286 5th av
Milford Ping-Victoria White Granite Co., 405 Lexington av, New York
*Mohegan Granite Co., 101 Park av
***New England Granite Wks., 480 5th av**
***Norcross Bros. Co. (Grey, Red & Green), 103 Park av**
Penney & Bunt, Willow av & 132d
***ROCKPORT GRANITE CO., 21 Park row.**
Seagrist F. W. Jr. Co., 533 E 18th
***SWENSON JOHN GRANITE CO.** 101 Park av
*Tayntor C. E. Granite Co., 29 W 34th
Wegenaar John L. Co., 299 B'way
Williams B. A. & G. N. (Inc.), Walnut & 133d
Woodbury Granite Co., 101 Park av
Young Jas. H. Stone Co., Walnut av & 135th

Borough of Queens.

LONG ISLAND CITY—Dyer John N. & Son
McGrath Michael & Co., B'way
McGratty & Sons Marble Works, 313 Butler
Neary Peter & Son Co., Bliisville
Tedeschi & Tedeschi, 632 Boulevard, Astoria

(End of New York City)

PORT JERVIS—Nearpass E. E.

NORTH CAROLINA.

CHARLOTTE—Mecklenburg Marble & Granite Co. (Cut Contractors)
MOUNT AIRY—Lemmerman & Hoffman Granite Co.
Mount Airy Granite Cutting Co.
*North Carolina Granite Corp.
SALISBURY—*Harris C. J. Granite Quarrie Co.

OHIO.

ADA—Ada Granite Co.
CINCINNATI—Cincinnati Granite Works, 4043 Spring Grove av
Sarvis W. H., 941 W 5th
CLYDE—Hughes Granite Co.
MANSFIELD—Preston, Burton & Co. (Wholesale Granite Monuments)
Wolff E. M. & Co. (Dealers)
XENIA—Dodds Geo. & Sons Granite Co (Monuments)
ZANESVILLE—Cary F. S. & Co.
Townsend W. C. & Co.

PENNSYLVANIA.

ALLENTOWN—Wenz Company
CORRY—Starr Granite & Marble Wks.
GETTYSBURG—*Lightner Nathaniel
PHILADELPHIA—*Birdsboro Stone Co., Land Title bldg
Dunn Wm. J. & Son, 331 S 23d
Gray Wm. & Sons Co., 30th, bel Walnut
Hagan John & Co., Comly ab, Del.
Hastings & Morrison, 1510 Wash'n av
Holmesburg Granite Co., Commercial Trust bldg
Law & Burwell, Union & Ogden
Richardson & Ross Quarry Co., Penna bldg
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes
Colwell Granite Co., Farmers' Bank bldg
Lauffer W. A. & Co., 2319 Liberty av
ROSLYN—*Hillside Granite Co.
ST. PETERS—*French Creek Granite Co.
WEST GROVE—*Pennsylvania Marble & Granite Co.

RHODE ISLAND.

EAST PROVIDENCE—Chace Andrew R.
*McCormick Jos.
NEWPORT—Sweet E. F.
PAWTUCKET—O'Connor Maurice M. & Son
PROVIDENCE—Barden Peter, 326 Cranston
Burns John Granite Co., 840 N Main
Del Giudice A. & Son, 703 Atwells av
Farnum & Co., 1088 Westminster
Kimball & Combe Co., 96 Westminster
Norcross Bros Co. (Grey, Red & Green), 49 Westminster
Providence Granite Co., 125 Harris av
Richards John R., 977 N Main
Tingley & Co. (Polisher), 215 W Exch.
WESTERLY—Coduri Joseph Granite Co.
Columbia Granite Co.
*Crumb Quarry Co.
*Farrell Andrews & Sons
Flynn M. W.
*Gourlay Granite Works
*Murray Alex. & Co.
*New England Granite Works
*Smith Granite Co.

SOUTH CAROLINA.

GREENVILLE—Butler Marble & Granite Works
SPARTANBURG—*Southern Marble & Granite Co.
Winnsboro Granite Corp.

VERMONT.

BARRE—Anderson Freberg Co.
*Barclay Bros.
Barre Granite & Quarry Co.
Barre Medium Granite Co.
Batcheller E. J. Co., Inc.
Beck & Beck (Polishing)
Bianchi Chas. & Sons
Bond Geo. E. & Co.
Brown, Carroll & Co.
*Brusa Bros.
Bugbee E. A. Co.
Burke Bros.
Canton Bros.
Carswell, Wetmore & Co.
Central Granite Co.
*Chioldi Bros.
Cole Wm. & Son
Comolli & Co.
Corskie J. P. & Son
*Dessureau & Co.
Dewey Column & Monumental Works
Freeman & Wasgatt
Gasparello Bros.
Gerrard Barclay Granite Co.
Giudici Bros. & Co.
Glysson Eugene C.
Hoyt & Milne, Inc.
Grearson & Lane Co.
Harrison Granite Co. (Monumental & Mausoleum). (See New York)
Johnson & Gustafson
*Jones Bros. Co.
La Clair & McNulty
Lillie Granite Co.
Littlejohn, Odgers & Milne
McColl & Abare
*McDonnell & Sons
McMillan C. W. & Son
*Marr & Gordon
Marrion & O'Leary
Martinson Estate Co.
Milne Alex. Granite Co.
Milne Wm. Granite Co.
Mutch & Loranger Granite Co.
Newcombe T. J.
North Barre Granite Co.
Oliver & Co.
Parnigoni Bros.
Parry & Jones Co.
Peerless Granite Co.
*Presbrey-Coykendall Co.
Ream-McBee Co.
Rizzi Bros.
Rizzi L. G.
Robertson James C.
Robins Bros.
Ross & Ralph
Rossi & Casellini
Roux Granite Co.
Sanguinetti Augusto
Saporiti J. P. & Co.
Sector James & Co.
Shield Waldron & Co
*Smith E. L. & Co.
South Barre Granite Co., Inc.
Star Granite Co.
Straiton George
Sullivan Eugene & Son
Townsend W. C. & Co.
Valz Granite Co.
*Wells-Lamson Quarry Co.
Woodcock Bros.
Young Bros. Co.
BRATTLEBORO—*Grant Granite Co.
BURLINGTON—Burlington Granite Co.
Goodell Granite & Marble Co.
Johnson John W.
EAST BARRE—World Granite Co.
GRANITEVILLE—*Pirie James K.
HARDWICK—American Granite Co.
Crystal Brook Granite Co.
Eureka Granite Co.
*Fletcher E. R.
Hay John
Murch E. R.
*Woodbury Granite Co. ("Woodbury Gray," "Imperial Blue," "Vermont White," "Peerless White" & "Bethel White")
MONTPELIER—Arioli G. & Co.
Bianchi G. R. Granite Co.
Bonazzi & Bonazzi
Bowers R. C. Granite Co.
Callahan Timothy E.
Columbian Granite Co.
Doucette Bros.
Excelsior Granite Co.
Fraser Robert M.
Gill C. P. & Co.
Johnson Granite Co.
Jurras Granite Co.
Lillie Granite Co.
Mills & Co.
National Granite Co.
Poulin J. Granite Co.
*Wetmore & Morse Granite Co.
MORRISVILLE—Mould F. W.
Union Granite Co.
NORTHFIELD—*Cross Bros. Co.
Pelaggi N. & Co.
Phillips & Slack
RUTLAND—Everson & Co.
Temple Bros. (Wholesale)
ST. JOHNSBURY—Walker J. E.
SOUTH RYEGATE—Anderson A.
Farquharson Robert
MacDonald Murdo F.
SWANTON—Judd Walter S.
WATERBURY—Drew-Daniels Granite Co.
O'Clair C. L.
Perry Granite Co.
Union Granite Co.
WEBSTERVILLE—*Wetmore & Morse Granite Co.
WEST BERLIN—Provost & Son
WEST DUMMERSTON—*Lyons G. E. Granite Co.
WOODBURY—Woodbury Granite Co.

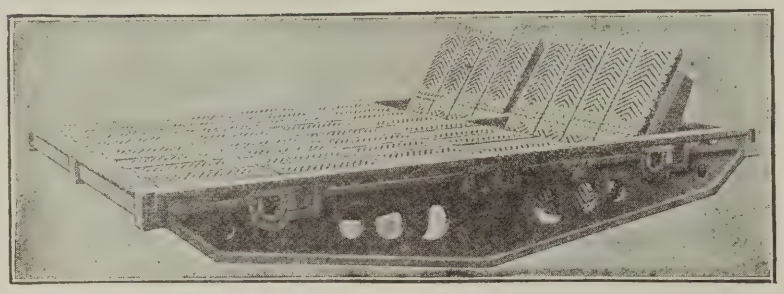
VIRGINIA.

PETERSBURG—Burns & Campbell
RICHMOND—Sunny Side Granite Co.
Wise Granite & Construction Co. (Pink & White)
***Wray Andrew J., 328 S Cherry**

WASHINGTON.

SEATTLE—*Soderberg J. A.

BEGGS Dumping Grate Bars



Built to Fit

Any Size Square Cornered Furnace. Cradle Construction. Forward Dump.

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Office: 30 Warren St., New York

Foundry: Bristol, Pa.

GRANITE PRODUCERS, WORKERS & DEALERS—continued

WISCONSIN.

ABLEMAN—*Wisconsin Granite Co.
BERLIN—*Wisconsin Granite Co. (See Chicago, Ill.)
GRANITE HEIGHTS—Anderson Bros. & Johnson Co. (Wausau Red)
*American Granite Co. (See Milwaukee)
LA CROSSE—La Crosse Monument Co.
LOHRVILLE — *American Granite Co. (see Milwaukee)
MARINETTE—*Pike River Granite Co.
MILWAUKEE—American Granite Co. (Wisconsin Mahogany), 15th & Cleveland av
Sutter H. Granite & Marble Co., 562 Muskego av
PLYMOUTH—Kegler G. F.
RACINE—*Portland Granite Co.
WATERLOO—*Portland Granite Co.
WAUSAU—*Marathon Granite Co.

5565— Granite (Seam Face)

Holmesburg Granite Co., Commercial Trust bldg, Phila., Pa.
Matthews Construction Co., Princeton, N. J.
Middleburg Stone Co., Elyria, O.
Northern Coast Timber Co. (Red Cedar Posts), Tacoma, Wash.
Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.
Riordan G. C. & Co., 313 Walnut

5565a— *Granulators

Abbe Paul O., Inc. (Cork, Sugar, etc.), 924 Johnston bldg, New York
See adv index at end of book
Abbe Engineering Co. (Sugar), 216-224 B'way, New York
See adv index at end of book
Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Squier Geo. L. Mfg. Co. (Sugar & Dryers), B'way & Mortimer, Buffalo, N. Y.

Graphpohone Mfrs.

See Talking Machines

5566— Graphite

Baker H. J. & Bro. (Imp.), 81 Fulton, New York
Hershaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hill-Brunner Foundry Supply Co., 637 Evans, Cincinnati, Ohio
Randall Graphite Products Corp. (Sheet Lubricator, "Randall"), 711H Fulton, Chicago, Ill.
SUPERIOR FLAKE GRAPHITE CO., 76 W. Monroe, Chicago, Ill.

5567-71—Graphite (Miners' & Refiners')

Asbury Graphite Mills, Asbury, N. J.
Ashland Graphite Co., Ashland, Ala.
Ayers, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
Bloomsbury Graphite Co., Bloomsbury, N. J.
Carbic Mfg. Co. (For Use in Welding), Duluth, Minn.
Chester Graphite Co., Chester Springs, Pa.
Consumers Graphite Co. (Powder & Flake), 3033 Doyle pl, Chicago, Ill.
Cummings-Moore Graphite Co., 670 Greene, Detroit, Mich.
Dixon Joseph Crucible Co., Jersey City, N. J.
Elk Graphite Milling Co. (Importers & Refiners), St. Marys, Pa.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Griesmer Graphite Co., Anniston, Ala.
Hill & Griffith Co. (Refiners for all Purposes), 1248 State av, Cincinnati, O.; Chicago, Ill.; Birmingham, Ala.;
See adv index at end of book
Jennings Graphite Co., Lineville, Ala.
Kelly Graphite Mills ("Kelco" Boiler & Foundry Graphite), 355 W 26th, New York
Lineville Graphite Co., Lineville, Ala.
Norway Graphite Milling Co. (Refiners), Birmingham, Ala.
PETTINOS, CHAS E., 25 Church, New York
Quenelda Graphite Co., Quenelda, Ala.
Rock Graphite Mining & Mfg. Co., 433 Walnut, Phila., Pa.
Smith Facing & Supply Co. (Refiners), 1857 Carter rd, Cleveland, O.
Southern Graphite Co., Ashland, Ala.
SUPERIOR FLAKE GRAPHITE CO., 76 W. Monroe, Chicago, Ill.
United States Graphite Co., Saginaw, Mich.
Wisconsin Graphite Co., Stevens Point, Wis.

5572-3— Graphite Products

Allen Crucible Co., Oakland, Cal.
Bartley Graphite Products Co., 50 Church, New York
Consumers Graphite Co. (For Oil & Grease Makers), 3033 Doyle pl, Chicago, Ill.
Lorenzen, Chas. F. & Co., 521 W Monroe, Chicago, Ill.
U. S. Graphite Co., Saginaw, Mich.

5574— Graphometers

Chicago Electric Meter Co., 1045 W Washington, Chicago, Ill.

5575— Grate Bar Mfrs.

Acme Furnace Equipment Co. ("Acme"), 39 Cortlandt, New York
American Manganese Steel Co., Dept. H, 14th & State, Chicago Heights, Ill.
Armstrong Mfg. Co., Springfield, O.
Arnold-Creager Co., New London, O.
Baker Wm. H. ("National" Shaking), Trenton, N. J.
Banner Iron Works, Shaw av & Oak Hill Ry, St. Louis, Mo.
Barker Jas. ("Barker"), 6th & Cayuga, Phila., Pa.
BEGGS JAMES & CO. (Rocking & Dumping), 30 Warren, New York
See adv index at end of book
Borger Bros. Co., 257 W Spring, Columbus, O.
BOSWORTH-ARD MACHINE & FOUNDRY CO., Anniston, Ala.
Bowler Foundry Co. ("Kerstine"), 1688 Columbus, Cleveland, O.
Bruce-Macbeth Engine Co. ("Aetna"), Cleveland, O.
Budd Grate Co. (Stationary), 2013 Letterly, Phila., Pa.
Burr Co., Champaign, Ill.
Casey-Hedges Co. (Hollow Blast Shaking, etc), Chattanooga, Tenn.
Cherry Tree Machine Co., Cherry Tree, Pa.
Chickasaw Machine & Fdry. Co. ("Chickasaw" Hollow Blast), Memphis, Tenn.
Columbus Iron Works, Columbus, Ga.
Combustion Engineering Corp. ("Grieve," Dumping & Stationary), 11 B'way, New York
Continental Grate Co. (Shaking), Exchange bldg, Boston, Mass.
Cumberland Foundry & Mfg. Co. (Herringbone Circular, Two Finger), Nashville, Tenn.
Cyclone Grate Bar Co. ("Cyclone"), 9 Grimes, Buffalo, N. Y.
Daugherty Foundry Co. ("Tupper," "Adams" & Circle Grate for Vertical Boilers), Allentown, Pa.
Decatur Cornice & Rfg. Co., New Decatur, Ala.
DeVed & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.
Dobbie Foundry & Machine Co. ("Niagara" Shaking), Niagara Falls, N. Y.
See adv index at end of book
Donegan & Swift ("Swift's Economy"), 6 Murray, New York
Dorrance Chas. J. ("Dorrance" Rocking), 811 N. Y. Life bldg, Chicago, Ill.
Downey T. F. Boiler Wks., 2600 W. Grand av, Chicago, Ill.
Elkhart Iron Works ("Elkhart"), Elkhart, Ind.
Empire Grate Co., Chester, Pa.
Erie City Iron Works, Erie, Pa.
Farris Jos., Springfield, Ill.
Finch Mfg Co. (Pin Hole), Scranton, Pa.
Ferguson F. & Son, Hoboken, N. J.
Fox Benj. Sons, 513 W 34th, New York
Frost Mfg. Co. (Rocking, etc), Galesburg, Ill.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gibson Iron Works Co. (Common Sense, Dumping, etc), 168 1st, Jersey City, N. J.
Glascock Stove & Mfg. Co., Greensboro, N. C.

GRATE BARS

Rocking and Dumping and Stationary Grates of All Kinds for Any Type Boiler. Shaking Grates for Vertical Boilers.

GODFREY-KEELER CO.

70 Warren Street

NEW YORK

GODFREY-KEELER CO. ("Mahony," All Kinds), 70 Warren, New York
See adv index at end of book
Golden's Foundry & Machine Co., Columbus, Ga.
Gordon Hollow Blast Grate Co. ("Tuyere," Hollow Blast), Greenville, Mich.
Grace C. M. & Co., Huntsville, Ala.
Grainger & Co., Louisville, Ky.
Green Engineering Co. ("Green" Chain Grate Stokers), East Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Heath Grate Bar Co., 12 Pearl, Boston, Mass.
Heatherington & Berner, Indianapolis, Ind.
Helmick Foundry & Machine Co. (Furnace), Fairmont, W. Va.
Herrick Geo. S. ("Herrick"), Syracuse, N. Y.
Hill Clutch Co., W 65th, Cleveland, O.
Hofft M. A. Co. (Stoker), Lemcke bldg, Indianapolis, Ind.
Hulson Grate Co., Keokuk, Ia.
International Engineering Works ("MacDonald" Shaking), Framingham, Mass.
Iron City Grate Bar Co., Warren, O.
Janney & Co., Montgomery, Ala.
Jarvis Engng. Co. (Sheffield), 261 Franklin, Boston, Mass.
Kahl Fredk. Iron Foundry, 2111 E. Atwater, Detroit, Mich.
Keeler E. Co., Williamsport, Pa.
Kelly Foundry & Machine Co. ("Kelly"), Goshen, Ind.
Kewanee Boiler Co. ("Aetna"), Kewanee, Ill.
Kramer Bros. Foundry Co. ("Lo-Co"), Dayton, O.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Litchfield Foundry & Machine Co., Litchfield, Ill.
Long Grate Bar Co., Buffalo, N. Y.
Los Angeles Fdry. Co., Los Angeles, Cal.
Love Bros., Aurora, Ill.
Love Mfg. Co., Corry, Pa.
McClave-Brooks Co. ("McClave" Shaking), Poplar st, Scranton, Pa.
McCLAVE GRATE BAR CO. ("Ellis" Improved Cut Off), 30 Warren, New York

McGee Jos. Iron & Brass Foundry Co., 51 6th, Long Island City, N. Y.
McNaughton Mfg. Co. (Sectional), Maryville, Tenn.
Macknet Grate Bar Co., 32 Nassau, New York
Madison Foundry Co., Cleveland, O.
MARION FOUNDRY CORP. ("Clear Cut" Grate), Marion Nat'l Bank bldg, Marion, Ind.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Martin Grate Co. ("Martin," **Anti-Friction** Rocking), Fisher bldg, Chicago, Ill.
Mechanics' Iron Foundry Co. ("Bannister"), 38 Kemble, Rox, Boston, Mass.
Mershon Patent Shaking Grate Works, 147 N 3d, Phila, Pa.
Mesker Geo. L. & Co., Evansville, Ind.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Morse R. F. Co. (Shaking & Dumping Grates), 86 Weybosset, Providence, R. I.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co. (Plain & Rocking), Central av & Washington, Burlington, Ia.
National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
Neemes Bros. (Self Cleaning), Troy, N. Y.
New Bern Iron Works & Supply Co., New Barn, N. C.
New England Roller Grate Co. (All Types), Springfield, Mass.
Niver Iron Works Co., Muscatine, Ia.
Nordeen Foundry Co. (Hot Blast), Everett, Wash.
Nute, McGehee, Geary Co. (Rocking), Dept. H, Chambersburg, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Old Dominion Marine Ry. Corp., Berkley, Va.
Parson Mfg. Co., 35 Nassau, New York
Patch S. B. & Sons Co. ("Patch" Rocking), Streator, Ill.
Pekor Iron Wks., Columbus, Ga.
See adv index at end of book
Pa. Boiler Wks., Erie, Pa.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Perfection Grate & Supply Co., Springfield, Mass.
Portland Co., Portland, Me.
Price-Evans Foundry Co., Chattanooga, Tenn.
Pyramid Grate Bar Co., Machinists & Fdrs., 30 E 42d, New York
Quinn & Co., 222 E 9th, Cincinnati, O.
Rider Wm. E. & Co. ("Mansfield"), Mansfield, Mass.
Rincon Foundry Co. (Cast Iron), 351 7th, San Francisco, Cal.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Robson Chas. & Co. ("Tupper-Herringbone," "Ajax," Rocking), 8th & Washington av, Phila., Pa.
Rose Patent Grate Co., Council Bluffs, Ia.
Rosedale Foundry & Machine Co. ("Playford," "Pittsburgh"), Columbus & Preble, Pittsburgh, Pa.
Rothe Jos. F. Foundry Co. (Shaking), Green Bay, Wis.
Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.
Rutzler Enoch Co., 404 E 49th, New York
Salamander Grate Bar Co. ("Salamander," "Aetna," "Steele," "Ryder" & "Rogers"), 126 Liberty, New York
Scranton Pump Co. (Dumping), Dept. H, Scranton, Pa.
Shear-Klean Grate Co., Monadnock bldg, Chicago, Ill.
Smith Iron Foundry, Inc., Lynn, Mass.
Southern Boiler & Tank Works, Memphis, Tenn.
Sprague Foundry & Mfg. Co. ("Rose Patent"), Council Bluffs, Ia.
Springfield Boiler Co., Springfield, Ill.
Steam Appliance Co. ("White's"), Milwaukee, Wis.
Stowell The ("Hall's" Patent), S Milwaukee, Wis.
Stuart Foundry Co., 207 Junction, Detroit, Mich.
Superior Iron Works Co., Superior, Wis.
Thacher Propeller & Foundry Corp. ("Albany" Sectional Dumping; also Stationary), Albany, N. Y.
Thomas Grate Bar Co. ("Thomas," "Elliptic," "W. S. D." & "Impervious"), Birmingham, Ala.
Thompson, Richard & Co. ("Aetna" Anti-Clinker, Rocking, "Thompson," Shaking, Dumping, Sectional & Steels, Revolving, Shaking & Dumping), 146H Liberty, New York
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Toledo Foundry & Machine Co., Toledo, O.
TOWNSEND FOUNDRY & MACHINE SHOP CO., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Treadwell M. H. Co. ("Treadwell" Shaking, etc.), 140 Cedar, New York
Treadwell M. H. Co. of Ill. ("Treadwell"), 208 S LaSalle, Chicago, Ill.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
United Iron Works Co., Inc. (Plain, Hollow, Blast & Rocking), Kansas City, Mo.
U. S. Rocking Grate Bar Co., 2825 W. Harrison blvd, Chicago, Ill.
Valley Iron Works ("Ajax Rocking," "Tupper," Circular), Williamsport, Pa.
Variety Iron & Steel Works Co., Cleveland, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
Vogt Henry Machine Co., Inc. ("Vogt" Rocking & Dumping), Louisville, Ky.
Wallwork H. Foundry Co., Birmingham, Ala.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walton C. J. & Son, Louisville, Ky.
Washburn & Granger ("Dean"), 50 Church, New York
Water Arch Furnace Co., 38 S Dearborn, Chicago, Ill.
Watts Regulator Co. ("Watts" Shaking Stationary & Reciprocating), Lawrence, Mass.
Western Iron & Foundry Co., Wichita, Kans.
Wetherill Robt. & Co., Chester, Pa.
Woburn Iron Foundry, Inc. ("Foster" Shaking & Rocking), Woburn, Mass.

5576— Grate Settings

Maurer Henry & Son ("Liverpool"), 420 E 23d, New York

Graters (Apple)

See Apple Grating Machines

5577—Graters (Horse Radish)

Ames Plow Co., Quincy Hall, Boston, Mass.
Central Stamping Co. ("Puritan" Hand), 172 Fulton, New York
Hamilton Metal Products Co., Hamilton, Ohio.
Houchin Thos. W. Co., 36 E 12th, New York
Kelso & Co., 557 W Quincy, Chicago, Ill.
National Enameling & Stamping Co. (Hand), 411 5th av, New York
Schroeter's Bros. Hardware Co. ("Schroeter's Power), 810 Wash av, St. Louis, Mo.
Smith's Jno. E. Sons Co., Buffalo, N. Y.

5578— Graters (Nutmeg)

Caldwell Mfg. Co. ("Gem"), Rochester, N. Y.
Edgar Mfg. Co., Reading, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hamblin & Russell Mfg. Co. ("Unique," "Yankee," "New Rapid"), Worcester, Mass.
Hamilton Metal Products Co., Hamilton, Ohio.
Handy Things Mfg. Co., Ludington, Mich.

5579— Grates (Cellar)

Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, Ohio.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
International Steel & Iron Co. (Steel), Evansville, Ind.
Mack Iron & Wire Wks, Sandusky, O.
Majestic Co., Huntington, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Stevens Iron Works & Fireproofing Co., Cleveland, O.

Grates (Dumping)

See Grate Bar Mfrs.

5580—Grates, Fenders & Mantels

See Also Andirons, Fenders & Grates
See also Fireplace Furnishings

JACKSON EDWIN A. & BRO., Inc., 50 Beekman, New York.
See adv index at end of book
Northcross W. J. Mantel & Grate Co., 411H Madison av, Memphis, Tenn.
Richardson E. H. (Fireplace Mantels), 77H O'Farrel, San Francisco, Cal.

5581— Grates (Gas, Parlor)

American Stove Co. ("Reliable," "New Process," "Quick Comfort"), 327 Chouteau av, St. Louis Mo.
Dawson Bros., 523 N Halsted, Chicago, Ill.
JACKSON EDWIN A. & BRO., Inc., 50 Beekman, New York.
See adv index at end of book
Penna Furnace & Stove Co., Warren, Pa.
Van Zandt Gas Appliance Co., 4050 Olive, St. Louis, Mo.

Grates (Hollow Blast)

See Grate Bar Manufacturers

5582— Grates (Portable)

See Fire Place Furnishings Mfrs.

Richmond Stove Co., 2506 E. Main, Richmond, Va.

Grates (Rocking)

See Grate Bar Manufacturers with word "Rocking" following names

5583—Grates (Shaking & Dumping)

See also Grate Bar Manufacturers

BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Coal Stoker Corp. (Shaking), 1029H N. Clark, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Downey T. F. Boiler Works, 2600 W. Grand av, Chicago, Ill.
GODFREY-KEELER CO. ("Mahony"), 70 Warren, New York
See adv index at end of book
Janney & Co., Montgomery, Ala.
Nute, McGehee, Geary Co., Broad, Chambersburg, Pa.
Power Efficiency Corp., White bldg, Buffalo, N. Y.
Shevlin Engng Co., Inc., 108 W 34th, New York
Travis G. E., Henry, Ill.

5584—Grates (Traveling Link)

BABCOCK & WILCOX CO., 85 Liberty, New York
Coxe Traveling Grate Co., 11 B'way, New York
Green Engineering Co., East Chicago, Ind.
Illinois Stoker Co., Alton, Ill.

5584a—*Grates, Ventilating (Exterior Wall)

Donley Bros. Co. ("DB"), 3625 E 74th, Cleveland, O.
See adv index at end of book

5585—*Grates (Ventilating, Fireplace)

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book

5586—Grates & Rests (Farmers', Etc.)

Sperry D. R. & Co., Batavia, Ill.

5586a—Gratings (Iron & Steel)

Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
IRVING IRON WORKS CO. ("Subway") 3d & Creek, Long Island City, N. Y.
MITCHELL-TAPPEN CO., ("Mitco," "Interlocked"), 15 John, New York
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Smith A. L. Iron Works, Inc. ("A. L. S. I. W. O."), Chelsea, Mass.
Vilsack, Martin Co. (Iron), 3222 Penn av, Pittsburgh, Pa.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

5587— Gravel (Bird)

Horton F. T., Hoboken, N. J.

5588—Gravel Washing & Screening Plants

Buckbee J. C. Co., 38 S Dearborn, Chicago, Ill.
Dull Raymond W. Co. ("Dull"), 111 W Wash., Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
MEESE & GOTTFRIED CO., 660 Mission, San Francisco, Cal.
SMITH ENGINEERING WKS., 3191 Locust, Milwaukee, Wis.
Stocker Material Washer Co., Highland, Ill.
Stephens-Adamson Mfg. Co. (Complete Washing Plants), Aurora, Ill.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

5589— *Grease (Airoilene)

CHICAGO PNEUMATIC TOOL CO., 6 E. 44th, New York
See adv index at end of book
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

5590—Grease (Cable & Elevator Shaft)

Climax Refining Co. ("Cable Compound"), Williamson bldg, Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Dixon Joseph Crucible Co., Jersey City, N. J.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
National Refining Co., Rose bldg, Cleveland O.
ROEBLING'S JOHN A. SONS CO. (Cable & Rope), Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Star Lubricating Oil Co. ("Starco"), 8714 Broadway S. E, Cleveland, O.

GREASE (CABLE & ELEVATOR SHAFT)—continued
TEXAS COMPANY ("Crater" shaft), 17 Battery pl, New York
See adv index at end of book
United States Graphite Co., Saginaw, Mich.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Grease Cups

See Lubricators, Oil & Grease Cup
Also Lubricators, Automobile
Also Lubricators, Gas Engine, etc

5591-2— Grease (Gear)

Climax Refining Co., Williamson Bldg., Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Dixon Joseph Crucible Co., Jersey City, N. J.
Marshall Oil Co. of Iowa ("Rix" Cork Graphite), Marshalltown, Ia.
Swan & Finch Co. ("Victor," "Monarch," "Seba"), 165 Broadway, New York
TEXAS COMPANY ("Crater" Thuban), 17 Battery pl, New York
See adv index at end of book
United States Graphite Co., Saginaw, Mich.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Grease Guns

See Oil & Grease Guns & Syringes

5593— Grease (Rolling Mill)

COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

5594— Grease (Tanners')

COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Marden, Orth & Hastings Co., 136 Liberty, New York
Martin-Dennis Co., 859 Summer av, Newark, N. J.
National Oil Products Co., Harrison, N. J.
Reisig Chas. H. (Imported), 269 Water, New York
Swan, Alden S. & Co., 148H Front, New York

5595—Grease (Wire Drawing)

Climax Refining Co., Williamson Bldg., Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Grease (Wool)

See Degras

5595a—*Greases (Lubricating & Special)

See also Lubricating Oils & Greases
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Fergusson Alex C., Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
WAVERLY OIL WORKS CO., 54th, Pittsburgh, Pa.

5596—Greases & Oils (Axle)

American Oil Corp. ("Advance"), Jackson, Mich.
Aspinwall Geo. H., Inc., Corneilson av, Jersey City, N. J.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Baum's Castorine Co. ("Castorine" Axle Oil), Rome, N. Y.
Brooks Oil Co., C & P & Erie R R, Cleveland, O.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Cortland Specialty Co. ("Houts"), 174 Railroad, Cortland, N. Y.
Dixon Joseph Crucible Co. ("Dixon's" Graphite), Jersey City, N. J.
Downing Grease Co., Boston, Mass.
Fergusson Alex. C., Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Fiske Bros. Refining Co., 24 State, New York
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Great Western Oil Co. ("Great Western"), 2846 E 37th, Cleveland, O.
Harbaugh A. G. Co. ("Grapho"), Hipp. Annex bldg, Cleveland, O.
Harris A. W. Oil Co., 326 S Water, Providence, R. I.
Heule S. Inc., 23 Beaver, New York
Herrmann Jos. F & Co., Fisher bldg, Chicago, Ill.
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Ilsley, Doubleday & Co., 229 Front, New York
Indian Refining Co. ("Blue Grass," Dark or Light), 244 Madison av, New York
Marshall Oil Co. of Iowa ("Rex" Graphite), Marshalltown, Ia.
Monitor Oil Co., Cleveland, O.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
National Refining Co., Rose bldg., Cleveland, O.
Nye Wm. F. (Oils), New Bedford, Mass.
Paragon Refining Co., Toledo, O.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Richardson Lubricating Co., Quincy, Ill.
Shining Light Mfg. Co., Buffalo, N. Y.
Sinclair Refining Co. ("Four Bros." "U-Au-To"), Albany, N. Y.
Smith & Nichols, 121 Maiden la, New York
Snow Flake Axle Grease Co., Fitchburg, Mass.
Sonneborn's L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of New York ("Mica"), 555 W 25th, New York
Sun Co., Finance bldg., Phila., Pa.
Swan & Finch Co., 165 Broadway, New York
TEXAS COMPANY ("Texaco," "Vega"), 17 Battery pl, New York
See adv index at end of book
United States Graphite Co., Saginaw, Mich.
Vacuum Oil Co. ("Gargoyle," "Mobiloils," "Mobilubricant"), Rochester, N. Y.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
Winn Wm. R. (Jobbers), New York
World Refining Co. ("Phillips' World," "Black Diamond"), Easton, Pa.
Zurn O. F. Co. ("Zurn's"), Broad & Lehigh, Phila., Pa

5597— Green House Builders

Bickelhaupt Geo. Skylight Works, 722 11th av, New York
Foley Greenhouse Mfg. Co., 3260 W. 31st, Chicago, Ill.
Hitchings & Co., Dept. H, Elizabeth, N. J.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., N Tonawanda, N. Y.
King Contracting Co., 131 State, Boston, Mass.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Pierson U Bar Co., 1 Madison av, New York
Reich V. E., 1429 Metropolitan av, Brooklyn, N. Y.
Scollay John A. (Est. of), 74 Myrtle av, Brooklyn, N. Y.

5598—Green House Materials

See also Sash, Greenhouse & Hot Bed
American Blower Co. (Traps), 1400 Russell, Detroit, Mich.
Baur Window Glass Co., Eaton, Ind.
Hitchings & Co., Dept. H, Elizabeth, N. J.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., N Tonowanda, N. Y.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Metropolitan Material Co., 1335 Flushing av, Brooklyn, N. Y.
Pierson U Bar Co., 1 Madison av, New York
Reich V. E., 1429 Metropolitan av, Brooklyn, N. Y.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Struck Alfred Co., Louisville, Ky.
Thomson Planing Mill Co., 1700 S. Vandeventer av, St. Louis, Mo.

5599— Grenades (Hand)

See also Extinguishers, Fire
Hayward S. F. & Co., 250 W 54th, New York
Stahl Geo. H., Quincy, Ill.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.

5600—Griddles (Cast Iron, Stamped Steel, Etc.)

Cheney S. & Son (Cast Iron Only), Manlius, N. Y.
Cleveland Stamping & Tool Co. (Bailed & Handled), E 53d & Hamilton, Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Favorite Stove & Range Co., Piqua, Ohio
Griswold Mfg. Co. (Cast Iron & Aluminum), Erie, Pa.
Lalance & Grosjean Mfg. Co. (Cake), 299 B'way, New York
National Enameling & Stamping Co. (Cake)), 411 5th av, New York
New York Stamping Co. ("Empire" Steel), N 11th & Berry, Brooklyn, N. Y.
Stuart & Peterson Co. (Polished Cast Iron), Burlington, N. J.
Wagner Mfg. Co. ("Wagner Ware"), Sidney, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Stamped Steel), Wheeling, W. Va.

5601— Griddles (Electric)

American Electrical Heater Co. ("American Beauty"), Burroughs & Woodward av, Detroit, Mich.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass

5602— Griddles (Soapstone)

Alberene Stone Co., 223 E 23d, New York
Phoenix Soapstone Co., 71 Murray, New York
Pike Mfg. Co., Pike, N. H.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Soapstone Co., Perkinsville, Vt.

5603—Grille, Fret & Lattice Work (Wood)

See also Grille & Fret Work, for the Trade Only
American Parquetry Floor Co., 802 Bailey bldg, Phila., Pa.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Bertelsen Adjustable Grille Co., 2117 S Troy, Chicago, Ill.
Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Chapman Wm. O. Co., 30 Church, New York
Chattanooga Roofing & Foundry Co. (Window Guards), Dept. H, Chattanooga, Tenn.
Cleveland Hardwood Floor Co., Cleveland, O.
Columbus Wire & Iron Works Co. (& Window Guards, etc), Columbus, O.
Curtis Bros. & Co., Clinton, Ia.
ESTES E. B. & SONS (Wood), 364 5th av, New York *See adv index at end of book*
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon Van Tine Co., Davenport, Ia.
Hart & Cooley Co., Inc., New Britain, Conn.
Heaton S. W., 1802 Chestnut, Phila., Pa.
Highton Wm. & Sons Co. (Brass, Bronze, Cast Iron & Steel), Nashua, N. H.
Huttig Mill Wk Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgeway, Pa.
Inlaid Floor Co., 600 Alabama & 4067 Notts st, Emeryville, Cal.
Jelliff C. O. Mfg. Corp. (Window Guards), Box 68, Southport, Conn.
See adv index at end of book
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
McKay Angus Co., 724 S Desplaines, Chicago, Ill.
Nedrow Mfg. Co., Caledonia, N. Y.
Nelson Chas. 1939 W Lake, Chicago, Ill.
New York Carved Moulding Co., Third av & 139th, New York
Pasadena Mfg. Co., Pasadena, Cal.
Security Window Guard Co. ("Security"), 130 N 5th av, Chicago, Ill.
Stewart Iron Works (The), 237 Stewart blk., Cincinnati, Ohio
See adv index at end of book
Stewart G. S. Co. (Grills & Fret only), Norwalk, O.
Syracuse Screen & Grille Co., North Manchester, Ind.
Tuttle & Bailey Mfg. Co., 2 W. 45th, New York
Waddell Mfg. Co., Grand Rapids, Mich.

5604—Grille or Fret Work (for the Trade Only)

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Chicago Millwork Supply Co., 1404 W. 37th, Chicago, Ill.
Curtis Bros. & Co. (Wholsesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co., Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.
Gould Mfg. Co., Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.

5605—Grilles (Brass & Bronze)

See also Bank & Offices Railings
Anchor Post Iron Wks., 50 Church, N. Y.
See adv index at end of book
Art Metal Construction Co. (also Steel), Jamestown, N. Y.
Bayer-Rothgeb Co., Los Angeles, Cal.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.

Cincinnati Mfg. Co., Cincinnati, O.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Feeley W. J. Co., 169 S. Angell, Providence, R. I.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Hanke Iron & Wire Works, 800 N. Albany av, Chicago, Ill.
Hart & Cooley Co., Inc., New Britain, Conn.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Highton Wm & Sons Co., Nashua, N. H.
Howard & Morse, 45 Fulton, New York
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Johnson-Meier Co. (and Ornamental), 1st Wendell, Chicago, Ill.
Manton & Smith Co., 1709 W. Austin av, Chicago, Ill.
Michael's Art Bronze Co., Covington, Ky
Nedrow Mfg. Co., Caledonia, N. Y.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Pitt Wm. R, Composite Iron Wks., 548 W 27th, New York
Scranton Iron & Steel Co., Scranton, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
Sutton W. A. & Co., 926 N. 19th, Phila., Pa.
Tuttle & Bailey Mfg. Co., 2 W. 45th, New York
TYLER W. S. CO., Cleveland, O., & 200 5th av, New York *See adv index at end of book*
Wickwire Spencer Steel Corp., Worchester, Mass. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

5605a— Grilles (Cast Iron)

Bayer-Rothgeb Co., Los Angeles, Cal.
Hart & Cooley Co., Inc., New Britain, Conn.
Highton Wm. & Sons Co., Nashua, N. H.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
Tuttle & Bailey Mfg. Co., 2 W. 45th, New York
Wisconsin Iron & Wire Works, Milwaukee, Wis.

5605b— *Grilles (Electro Plated)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

5605c—Grilles (Perforated Metal)

ERDLE PERFORATING CO., 171 York, Rochester, N. Y. *See adv index at end of book*
Scranton Iron & Steel Co., Scranton, Pa.

5606—Grilles (Wrought Iron & Steel)

See also Iron (Architectural & Ornamental)

Acme Fence & Iron Co., 8506 Lake av, Cleveland, Ohio
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Central Wire & Iron Works, Des Moines, Ia.
Cincinnati Mfg. Co., Cincinnati, O. *See adv index at end of book*
Columbus Structural Steel Co., Dept. H, Columbus, Ohio
Estey Wire Works Co., 34 Cliff, New York
Fort Pitt Steel & Iron Wks., 802H Fulton bldg., Pittsburgh, Pa.
Hanke Iron & Wire Works, 800 N. Albany av, Chicago, Ill.
Howard & Morse, 45 Fulton, New York
Kohemick John, Jr., & Co., Inc., 430H Hancock, Long Island City, N. Y.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Pitt Wm. R. Composite Iron Wks., 548 W. 27th, New York
Scranton Iron & Steel Co., Scranton, Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Southern Wire & Iron Wks., Atlanta, Ga.
Steelite Co., 1902 W 77th, Cleveland, O.
STEWART IRON WORKS (THE), 237 Stewart blk, Cincinnati, Ohio *See adv index at end of book*
Tuttles & Bailey Mfg. Co., 2 W 45th, New York
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York *See adv index at end of book*
Van Doorn Co., Quincy, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

5607—*Grinders (Arsenate of Lead)

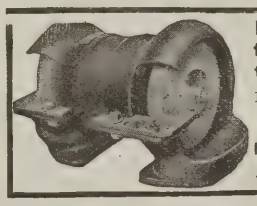
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Estey Bros. Co., 270 Union av., Brooklyn, N. Y.

5608— Grinders (Band Saw)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Filer & Stowell Co. (Circular), Milwaukee, Wis.
Lake Shore Engine Works, Marquette, Mich.
Yates P. B. Machine Co., Beloit, Wis.

5609— Grinders (Bench)

American Electric Tool Co. ("Carver" Portable Electric Direct & Alternating), West Newton, Mass.
Athol Mach. & Foundry Co. (Counter Shaft for Tool Dressing), Athol, Mass.
Baldwin, Tuthill & Bolton (Also Combination Bench Grinders & Saw Gummers), Grand Rapids, Mich.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Central Machine Works Co. (Double Grinder), 1234 Central av, Minneapolis, Minn.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Clark Jas. Jr. Electric Co., Louisville, Ky.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Cutter & Wood Supply Co., 274 Friend Boston, Mass. *See adv index at end of book*
Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
Empire Implement Mfg. Co., Albany, N. Y.
Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.
Forbes & Myers, 169 Union, Worcester, Mass. *See adv index at end of book*


Bench and floor electric grinders
Reliable
Convenient
Economical
FORBES & MYERS
169 Union St.
Worcester, Mass.

Goodell-Pratt Co., Greenfield, Mass.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Haskins R. G. (Electric), 27 S. Plaines, Chicago, Ill.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Luther Grinder Mfg. Co. ("Mechanic Special," "Best Maide," "Hummer"), 285 S Water, Milwaukee, Wis.
Neil & Smith Electric Tool Co. ("Ideal" Electric), 8th & B'way, Cincinnati, O.
North Wales Machine Co. ("North Wales") North Wales, Pa.
Norton Co., Worcester, Mass.
Partridge E. O. ("Partridge"), 2039 W Lake, Chicago, Ill.
Racine Universal Motor Co. ("Universal"), 53 W. Jackson blvd, Chicago, Ill.
Ransom Mfg. Co., Oshkosh, Wis.
Rivett Lathe & Grinder Co. (Fast Speed Internal), 2 Brooks, Brighton, Boston, Mass.
Rock Island Mfg. Co., Rock Island, Ill.
St. Louis Machine Tool Co., 922 Loughborough, St. Louis, Mo.
Safety Emery Wheel Co., Springfield, O.
Sellew Machine Tool Co. (Disc), Pawtucket, R. I.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Electric Tool Co. (Electric), York & Western av, Cincinnati, O.
Star Specialty Mfg. Co. ("Perfection" Cut Gear Grinders), 227-233 W. Erie, Chicago, Ill. *See adv index at end of book*


Perfection Bench and Power Grinders for Mechanics, Households, Farmers, Etc.
Also Manufacturers of Ford Accessories, Shock Absorbers, Etc.
Star Specialty Mfg. Company
227-233 West Erie Street Chicago, Ill.

Sterling Grinding Wheel Co., Tiffin, O.
Stow Mfg. Co., Inc., Binghamton, N. Y. *See adv index at end of book*
Tanite Co., Stroudsburg, Pa.
Temco Electric Motor Co., Leipsic, Ohio
UNITED STATES ELECTRICAL TOOL CO. (Electric), Cincinnati, O. *See adv index at end of book*
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
Vitrified Wheel Co., Westfield, Mass.
Webster & Perks Tool Co. ("W. & P." Self-Oiling), Springfield, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wood A. A. & Sons Co. ("Atlanta," Tool Grinders), Atlanta, Ga.

Grinders (Car Wheel)

See Car Wheel Grinding Machines

5610— Grinders (Center)

See also Pneumatic Center Grinders

Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
Clark Jas. Jr. Electric Co. (Electrically Driven), Louisville, Ky.
GEM MFG. CO. ("Gem" Flexible Shaft), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Neil & Smith Electric Tool Co. ("Ideal," 8th & B'way, Cincinnati, O.
Ohio Machine Tool Co., Kenton, O.
Racine Universal Motor Co. ("Universal"), 53 W. Jackson blvd, Chicago, Ill.
Ready Tool Co. ("Red E"), Bridgeport, Conn.
Stow Mfg. Co. (Flexible Shaft), Binghamton, N. Y. *See adv index at end of book*
UNITED STATES ELECTRICAL TOOL CO. (Electric), Cincinnati, O. *See adv index at end of book*

5611— Grinders (Chisel)

Empire Implement Mfg. Co., Albany, N. Y.
Hemming Bros. Co. (Automatic), New Haven, Conn.
Millers Falls Co., 28 Warren, New York
Star Specialty Mfg. Co. ("Star"), 227-233 W. Erie, Chicago, Ill. *See adv index at end of book*

Grinders (Chuck Work)

See Grinders, Surface, etc

5612— Grinders (Cinder)

See also Mills, Cinder

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Eastern Machinery Co. ("Hill," Improved), New Haven, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.

5613— Grinders (Cock)

See also Grinders, Valve

Milwaukee Cock Grinding Mach. Co., 66 12th, Milwaukee, Wis.
Turner Foundry & Machine Co., 3632 N. Lawrence, Phila., Pa.
Warner & Swasey Co., 5809 Carnegie av, Cleveland O.

Grinders (Corn & Cob)

See Mills, Corn & Cob

5614— Grinders (Crackling)

Abbe Paul O. Inc., 924 Johston bldg, New York *See adv index at end of book*
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.

5615— Grinders (Crank)

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Merritt S. W. Co., 699 W 133rd, New York
Norton Grinding Co. (Cylindrical), Worcester, Mass.
Tindel, Norris Co., Eddystone, Pa.

5616—Grinders (Cup, Cone & Hub)

Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety" Cup Only), 88H Knowlton, Bridgeport, Conn.
Cleveland Machine Tool Co., Cleveland, O.
Norton Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Cutter)

See Grinders, Reamer & Cutter

5617— Grinders (Cylinder)

Acme Motor & Machine Co., 4208 Natural Bridge av, St. Louis, Mo.
Detroit Machine Tool Co. ("Detroit Centerless"), 6545 St. Antoine st, Detroit, Mich.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Heald Machine Co., Worcester, Mass.
Merritt S. W. Co., 699 W 133rd, New York
McDonough Mfg. Co., Eau Claire, Wis.
Ott Grinder Co., Indianapolis, Ind.
Pratt & Whitney Co., Hartford, Conn.
Robinson Mfg. Co., Muncy, Pa.
Salter Motor Mfg. Co., 1516 Oakland av, Kansas City, Mo.
Tindel Morris Co., Eddystone, Pa.
Webster & Perks Tool Co., Spring Falls, O.
Wood & Safford Mach. Wks., Great Falls, Mont.

5618— Grinders (Die)

Baird Machine Co. (And Tool), Bridgeport, Conn.
Bignall & Keeler Machine Works ("B. & K."), Edwardsville, Ill.
Grand Rapids Grinding Machine Co., 30 Ottawa av, Grand Rapids, Mich.
Lenz Machine Wks., 199 Franklin, New York. *See adv index at end of book*

GRINDERS (DIE)—continued
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

5619— Grinders (Disc)

Badger Tools Co. ("Badger"), Beloit, Wis.
Besly Chas. H. & Co. ("Besly," Single, Double & Vertical Spindle & Pattern Makers), 120 N Clinton, Chicago, Ill.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Carpenter Chas. R. Mach. Co., Racine, Wis.
Carter & Bucholz Co. Inc., 1234 S State, Syracuse, N. Y
Crescent Machine Co. (The), 512 Oak, Leetonia, O. *See adv index at end of book*
Diamond Machine Co. ("Diamond"), Providence, R. I.
Gardner Machine Co. ("Gardner's" Improved for Metals; also "Gardner's" Improved for Pattern Making), Beloit, Wis.
Heald Machine Co., Worcester, Mass.
Hoysradt & Case (Metal), Kingston, N. Y.
Modern Pattern & Mach. Co., 123 Monroe, Detroit, Mich.
Robinson Mfg. Co., Muncy, Pa.
Rowbottom Machine Co. ("Rowbottom" Double Head & Double End), Waterville, Conn.
Sellew Machine Tool Co. ("Sellew"), Pawtucket, R. I.
Taylor & Fenn Co., Hartford, Conn.
Valley City Machine Works, Grand Rapids, Mich.
Walls T. P. Tool & Supply Co. (With Emery Band), 75 Walk, New York

5620— Grinders (Drill)

Bridgeport Safety Emery Wheel Co., 86H Knowlton, Bridgeport, Conn.
Cincinnati Electrical Tool Co., Cincinnati, Ohio
Empire Implement Mfg. Co., Albany, N. Y.
Grand Rapids Grinding Machine Co., 30 Ottawa av, Grand Rapids, Mich.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
Keystone Grinder & Mfg. Co., 220 Penn av, Pittsburgh, Pa.
Landis Tool Co., Waynesboro, Pa.
La Salle Machine & Tool Co. ("American," Twist Drill), La Salle, Ill.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
National-Standard Co. ("Magic"), Box 211, Niles, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Washburn Shops ("Worcester"), Worcester, Mass.
Wilmarth & Morman Co. ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5621— Grinders (Edging)

See also Mills, Bark

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bartlett A. F. & Co., Saginaw, Mich.
Filer & Stowell Co., Milwaukee, Wis.
Mitts & Merrill, Saginaw, Mich.
Union Iron Works, Bangor, Me.

5622— Grinders (Electric)

Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Dillon Elec. Grinders Co., Canton, O.
FORBES & MYERS ("Forbes & Myers," Bench & Floor), 169 Union, Worcester, Mass. *See adv index at end of book*
Temco Electric Motor Co. (Bench, Pedestal & Wall), Leipsic, Ohio

Grinders (Electric, Portable)

See Grinders, Portable with Word "Electric" Following the Name

5623—Grinders (Emery, Tool)

American Grinder Mfg. Co., 718 Poplar, Milwaukee, Wis.
Atlantic Engine Co., Meadville, Pa.
Barcalo Mfg. Co. ("Union" Foot Power), Buffalo, N. Y.
Barnes W. F. & John Co., Dept. H, Rockford, Ill.
Bay State Emery Wheel Co., Worcester, Mass.
Beal Joseph & Co., 465 Atlantic av, Boston, Mass.
Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Blount J. G. Co., Everett, Mass.
Born J. C. & Bro. ("Crescent"), Belleville, Ill.
Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety" Emery Wheel), 88H Knowlton, Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Cheney S. & Son, Manlius, N. Y.
Chicago Wheel & Mfg. Co. ("Eureka"), 1101 W Monroe, Chicago, Ill.
Cincinnati Electrical Tool Co., Cincinnati, O.
Cleveland Pneumatic Tool Co. (Portable & Bench), 3734 E 78th, Cleveland, O.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Crestline Mfg. Co. ("Ever-Ready" Connected to Gasoline Engine for Farm & General Use), Crestline, O.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book
Deane Machine Co., Fitchburg, Mass.
Defiance Machine Works, Defiance, O.
Diamond Machine Co. ("Diamond," "Standard" Bench Tools, etc), Providence, R. I.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Duisdieker Foundry & Mfg. Co. ("Cyclone"), Pekin, Ill.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Forbes & Myers ("Forbes & Myers"), 169 Union, Worecster, Mass.
See adv index at end of book
Frank Machinery Co., Buffalo, N. Y.
Frederick Machine Works, Norwalk, O.
Garvin Machine Co., 147 Varick, New York
GEM MFG. CO. ("Gem," Portable, Flexible Shaft), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Gillie Machine Co. ("Tonawanda" Double), Tonawanda, N. Y.
Gisholt Machine Co. ("Universal" for Lathe & Planer Tools), Madison, Wis.
Gleason Works, 1000 University av, Rochester, N. Y. *See adv index at end of book*
Globe Co. ("Globe," Small, for Farmers, Butchers, etc.), Sheboygan, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Goodnow L. H. Foundry Co., Fitchburg, Mass.
Grace C. M. & Co., Huntsville, Ala.
Grand Rapids Grinding Machine Co., 30 Ottawa av, N. W., Grand Rapids, Mich.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Greer Chemical Co., 20 W Jackson blvd, Chicago, Ill.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Herrick & Cowell, New Haven, Conn.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
Holmes E & B. Machinery Co., Buffalo, N. Y.
Hussman Harry L., 911 N B'way, St. Louis, Mo.
Hyfield Mfg. Co., 292 Church, New York
Kerrihard Co. (With Saws Attached), Red Oak, Ia.
King Mfg. Co., Piqua, O.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Luther Grinder Mfg. Co. ("Mechanics Special," "Best Maide," "Dimo-Grit" "Hummer," Hand, Foot & Belt Driven tool Sharpeners), 285 S Water, Milwaukee, Wis.
Michigan Engine Valve Co. ("Perfection"), 437 Columbia, Detroit, Mich.
Modern Grinder Mfg. Co., 49 Oneida, Milwaukee, Wis.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
Mummert-Dixon Co. ("Universal"), Hanover, Pa.
Myers Machine Tool Co. ("Myers" & "Eclipse"), Columbia, Pa.
Newton Edwin A. ("Brand New"), 310 N 4th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Noble & Westbrook Mfg. Co., Hartford, Conn.
Norton Grinding Co., Worcester, Mass.
Ott Grinder Co., Indianapolis, Ind.
Partridge E. O. ("Partridge"), 2039 W Lake, Chicago, Ill.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Pratt & Whitney Co., Hartford, Conn.
Quickedge Sharpener Co., 215 N Desplaines, Chicago, Ill.
Ransom Mfg. Co., Oshkosh, Wis.
Richards-Wilcox Mfg. Co. ("Cyclone," Ball-Bearing Steel Frame), Aurora, Ill.
Rockford Drilling Machine Co. (Tool), Rockford, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Machine Tool Co., 922 Loughborough, St. Louis, Mo.
Safety Emery Wheel Co., Springfield, O.
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
Springfield Mfg. Co., Bridgeport, Conn.
Stark Tool Co. (For Small Tools), Waltham, Mass.
Steiner Mfg. Works, Erie, Pa.
Sterling Grinding Wheel Co., Tiffin, O.
Stover Mfg. & Engine Co. (Small), Freeport, Ill.
Stow Mfg. Co., Inc. (Stationary & Portable), Binghamton, N. Y.
See adv index at end of book
Swineford G. A. Co., Canton, O.
Tabor Mfg. Co. ("Taylor"), 18th & Hamilton, Phila., Pa.
Tanite Co., Stroudsburg, Pa.
Taylor & Fenn Co., Hartford, Conn.
Tucker Machine Co., 222 E 9th, Cincinnati, O.
United States Electrical Tool Co., Cincinnati, O.
See adv index at end of book
Universal Grinding Mach. Co. ("Universal"), Fitchburg, Mass.
Valley City Machine Works ("V.-C."), Grand Rapids, Mich.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Vitrified Wheel Co., Westfield, Mass.
Webster & Perks Tool Co. (Electric & Belt), Springfield, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilmarth & Morman Co., 1151 Monroe av N W, Grand Rapids, Mich.
Woods Engng. Co., Alliance, O.
Worcester Pattern & Model Co., ("Anderson"), Worcester, Mass.

Grinders (Face)

See Grinders, Surface, etc.

Grinders (Feed)

See Mills, Feed Grinding

5624— Grinders (Floor)

Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
Forbes & Myers ("Forbes & Myers," Electric, Alternating), 169 Union, Worcester, Mass. *See adv index at end of book*
Norton Co., Worcester, Mass.
Partridge E. O., 2039 W. Lake, Chicago, Ill.
Ransom Mfg. Co. (Belt Driven with Steel Guards Having Exhaust Pipe Connections), Oshkosh, Wis.
Safety Emery Wheel Co. ("Champion"), Springfield, O.
Stow Mfg. Co., Inc., Binghamton, N. Y.
See adv index at end of book
UNITED STATES ELECTRICAL TOOL CO., Cincinnati, O.
See adv index at end of book
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.

5625—Grinders (Foot & Hand Power)

See also Grinders, Sickle & Mower Knife

Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Buffalo Specialty Co. ("Success" Foot Only), 375 Ellicott, Buffalo, N. Y.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Clark-Mesker Co., 18511 Euclid av, Cleveland, O.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Empire Implement Mfg. Co. ("Climax" Hand Power), Albany, N. Y.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Keystone Grinders & Mfg. Co., 220 Penn av, Pittsburgh, Pa.
Luther Grinder Mfg. Co. ("Mechanics Special," "Best Maide," "Dimo-Special," "Hummer," "Farm Special"), 285 So. Water, Milwaukee, Wis.
North Wales Machine Co. ("North Wales") North Wales, Pa.
Pike Mfg. Co., Pike, N. H.
Rock Island Mfg. Co., Rock Island, Ill.
Wood A. A. & Sons Co. ("National" Hand Power Only), Atlanta, Ga.

5625a—Grinders (For Woodworking Tools)

Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.

5625b— Grinders (Gauge)

La Salle Machine & Tool Co. (Micrometers), La Salle, Ill.
Steel Products Engineering Co., Springfield, Ohio
Wisconsin Electric Co., 1600 Junction av, Racine, Wis.

5625c—Grinders (Heavy Face)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Diamond Machine Co. ("Diamond"), Providence, R. I.

5626—Grinders (Huller Knife)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Carver Cotton Gin Co. (For Cotton Seed Hullers), East Bridgewater, Mass.

Grinders (Indigo)

See Mills (Indigo)

5627— Grinders (Internal)

Brown & Sharpe Mfg. Co., Providence, R. I.
Bryant Chucking Grinder Co., Springfield, Vt.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Cincinnati Electrical Tool Co., Cincinnati, O.
Grand Rapids Grinding Machine Co., 30 Ottawa N. W., Grand Rapids, Mich.
Greenfield Tap & Die Corp., Greenfield, Mass. *See adv index at end of book*
HEALD MACHINE CO., Worcester, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Lansing Stamping & Tool Co. ("Capitol"), Lansing, Mich.
Modern Tool Co. ("Modern"), 300 State, Erie, Pa. *See adv index at end of book*
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 8th & B'way, Cincinnati, O.
Ott Grinder Co., Indianapolis, Ind.
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Stow Mfg. Co., Inc., Binghamton, N. Y. *See adv index at end of book*
Universal Grinding Mach. Co., Fitchburg, Mass.
Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

5628—Grinders (Knife & Scissors)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Blackhall Mfg. Co. (Knife Only), 196 Seneca, Buffalo, N. Y.
Bridgeport Safety Emery Wheel Co. (Knife Only), 88H Knowlton, Bridgeport, Conn.
Covel Mfg. Co., Benton Harbor, Mich.
Emerson-Brantingham Co. ("E. B. Osborne" Knife), Rockford, Ill.
Empire Implement Mfg. Co., Albany, N. Y.
Fate, Root, Heath Co. ("Favorite" Clipper Knife), Plymouth, Ohio.
Hemming Bros. Co. (Automatic Knife), New Haven, Conn.
Hickok W. O. Mfg. Co. (Paper & Cutter Knives), Harrisburg, Pa.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
North Wales Machine Co. ("North Wales") North Wales, Pa.
Kline Lewis T. (Knife only), Alpena, Mich.
Rogers Frank R., 16-20 Elk, Buffalo, N. Y.
Rogers Samuel C. & Co. ("Buffalo" Automatic), 10 Lock, Buffalo, N. Y.
Root-Heath Mfg. Co. ("Favorite" Clipper Knife), Plymouth, O.
Safety Emery Wheel Co. (Knife Only), Springfield, O.
Seybold Machine Co. (Knife), Dayton, O.
Shawmut Machinery Co. ("Perfect" Scissors), 82 Lincoln, Boston, Mass.
Spengler-Loomis Mfg. Co. ("Kwicksharp"), 58 E Washington, Chicago, Ill.
Springfield Mfg. Co. (Knife), Bridgeport, Conn.
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book.*

5629—Grinders (Lathe Center)

Coates Clipper Mfg. Co., Worcester, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*

Grinders (Lawn Mower)

See Sharpeners, Lawn Mower

5630-1—Grinders (Mill Pick)

Bullock Chas. K., 1357 Ridge av, Phila., Pa.

Grinders (Mower Knife)

See Grinders, Sickle & Mower Knife

5632— Grinders (Oilstone)

Mummert-Dixon Co., Hanover, Pa.
Oliver Machinery Co., Grand Rapids, Mich.

5633— Grinders (Pan)

Tropenas Converter Co., 2243 Nostrand av, Brooklyn, N. Y.

5634— Grinders (Paper Mill)

MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Noble & Wood Machine Co. ("Bull-Dog," for Roofing & Leather Stock), Hoosick Falls, N. Y.

Grinders (Plain Tool)

See Grinders, Emery, Tool

5635—Grinders (Planer Knife)

American Woodworking Machinery Co., Rochester, N. Y.
Baldwin Tuthill & Bolton, Grand Rapids, Mich.
Bridgeport Safety Emery Wheel Co., ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Capital Machine Co. (Automatic), Indianapolis, Ind.
Carver Cotton Gin Co. (Wet & Dry), E Bridgewater, Mass.
Defiance Machine Works (Automatic), Defiance, O.
Fay J. A. & Eagan Co., Cincinnati, O.
Hall & Brown, Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Hemming Bros. Co. (Automatic), New Haven, Conn.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Kimball F. J. Co., Inc. (Also Turbine), 1860 E 15th, Los Angeles, Cal.
Mummert-Dixon Co. ("Universal"), Hanover, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Rogers Samuel C. & Co. ("Buffalo" Automatic, etc), 10 Lock, Buffalo, N. Y.
Safety Emery Wheel Co., Springfield, O.
Smith H. B. Machine Co., Smithville, N. J.
Stockbridge Machine Co. ("Quick-Sharp") Worcester, Mass.
Tanite Co., Stroudsburg, Pa.
Trevor Mfg. Co., Lockport, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Donnell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

5636— Grinders (Portable)

Armstrong-Blum Mfg. Co, ("Marvel"), 337 N Francisco av, Chicago, Ill.
CHICAGO PNEUMATIC TOOL CO. ("Little Giant" Operated Either by Compressed Air or Electricity), 6 E 44th, New York *See adv index at end of book*
Cincinnati Electrical Tool Co. (Electric), Cincinnati, O.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Forbes & Myers ("Forbes & Myers" Electric Bench), 169 Union, Worcester, Mass. *See adv index at end of book*
Hamilton-Beach Mfg. Co. (Electric), Racine, Wis.
Haskins, R. J., 27 S Desplaines, Chicago, Ill.
Helwig Mfg. Co. ("Helwig" Operated by Air), St. Paul, Minn.
Hisey-Wolf Machine Co. ("Hisey" Electrical Driven), Cincinnati, O.
Independent Pneumatic Tool Co. (Electric), 600 W Jackson blvd, Chicago, Ill.
Ingersoll-Rand Co. ("Little David" Pneumatic), 11 B'way, New York *See adv index at end of book*
Mummert-Dixon Co. (Electric Radial Swing), Hanover, Pa.
National-Standard Co., Box 211, Niles, Mich.
Neil & Smith Electric Tool Co. ("Ideal" Electric), 8th & B'way, Cincinnati, O.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Racine Electric Co., Racine, Wis.
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
Standard Electric Tool Co. (Electric), York & Western av, Cincinnati, O.
STOW MFG. CO., INC. (Electric Flexible Shaft), Binghamton, N. Y. *See adv index at end of book*
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
UNITED STATES ELECTRICAL TOOL CO. (Electric Hand & Heavy Duty Grinders), Cincinnati, O. *See adv index at end of book*
Van Dorn Electric Tool Co. (Electric), 2978 Woodhill, Cleveland, O.
Wisconsin Electric Co. ("Dumore" Electric), 1600 Junction av, Racine, Wis.

5637—Grinders (Radial, Ball Race-Way)

Van Norman Machine Tool Co. ("Van Norman" Automatic Oscillating), Springfield, Mass.

5638—Grinders (Reamer & Cutter)

See also Grinders, Emery-Tool

Adams Co. ("The Farwell Cutter"), Dubuque, Iowa
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Gear Cutting Machine Co. (Gear Cutter), Elam & Garrard av Cincinnati, O.
Cincinnati Milling Machine Co. (Cutter), Cincinnati, O.
Clark Jas. Jr. Electric Co. (Cutter), Louisville, Ky.
Clough R. M., Tolland, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Draper & Hall Co. (Draper & Hall), Middletown, Conn.
Falls Machine Co. (Cutter), Sheboygan Falls, Wis.
Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.
Garvin Machine Co. (Universal Cutter), 147 Varick, New York
Grand Rapids Grinding Machine Co., 30 Ottawa N. W., Grand Rapids, Mich.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass. *See adv index at end of book*
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Kane & Roach, Syracuse, N. Y.
Landis Tool Co., Waynesboro, Pa.
Le Blond R. K. Machine Tool Co. (Cutter), Cincinnati, O.
Matson Machine Co., Concord, N. H.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Norton Grinding Co., Worcester, Mass.
Oakley Machine Tool Co., Oakley, Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Rivett Lathe & Grinder Co. (Cutter), 2 Brooks, Brighton, Boston, Mass.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
Stark Tool Co. ("Stark" Pinion Cutter Grinder), Waltham, Mass.
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*
Universal Grinding Mach. Co., Fitchburg, Mass.
Walker O. S. Co., Worcester, Mass.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilmarth & Morman Co. ("New Yankee'), 1151 Monroe av, N W, Grand Rapids, Mich.
Woods Engineering Co. (For Cutter only), Alliance, O.

5639— Grinders (Ring)

Diamond Machine Co. ("Diamond"), Providence, R. I.
Robbins Machine Co. ("Bay State" Piston Ring), Worcester, Mass.
Walker O. S. Co. ("Single Stroke" Piston Ring), Worcester, Mass.

5640—Grinders (Ring Wheel)

Badger Tool Co. ("Badger"), Beloit, Wis.
Besly Chas. H. & Co. ("Besly," Single & Double Spindle), 120 N Clinton, Chicago, Ill.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.

5641— Grinders (Roll)

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hampden Corundum Wheel Co., Springfield, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Landis Tool Co. ("Landis"), Waynesboro, Pa.
Lobdell Car Wheel Co., G, Wilmington, Del.
Modern Tool Co. ("Modern"), 300 State, Erie, Pa. *See adv index at end of book*
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 8th & B'way, Cincinnati, O.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Norton Grinding Co., Worcester, Mass.
Poole J. Morton Co., Ft. Thomas, Wilmington, Del.
Robinson Mfg. Co., Muncy, Pa.
Springfield Mfg. Co., Bridgeport, Conn.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y. *See adv index at end of book*
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*

5642—Grinders (Rotary Shear)

Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

5643—Grinders (Sample Ore)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Braun Corp. (Hand), 363 New High, Los Angeles, Cal.
Braun-Knecht-Heimann Co. (Laboratory Ore), 576-5 Mission, San Francisco, Cal.
Calkins Co. ("Advance" Disc, Hand or Power), Los Angeles, Cal.
Denver Engineering Works Co., Denver, Colo.
KENNEDY-VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*
Kent Mill Co. ("Maxecon"), 10H Rapelyea, Brooklyn, N. Y.
Mine & Smelter Supply Co., 42 B'way, New York
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

5644— Grinders (Sand)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*

GRINDERS (SAND)—continued
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Wetherill R. & Co., Chester, Pa.

5645— Grinders (Saw)

Continental Wood Screw Co. (Automatic), New Bedford, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Hinds Thos. Co., Malone, N. Y.
Hunter Saw & Machine Co. (Inserted Tooth), 57th & Butler, Pittsburgh, Pa.
Huther Bros., Huther Bros. Patent Saw Mfg. Co. (For Sharpening Inserted Tooth Milling Saws), Rochester, N. Y.
See adv index at end of book
Oliver Machinery Co., Grand Rapids, Mich.
Q. M. S. Co. (Automatic), 1771 Elston av, Chicago, Ill.
Simonds Mfg. Co. (Inserted Tooth for Metal Saws), 470 Main, Fitchburg, Mass.
See adv index at end of book

5646—Grinders (Shear Knife)

Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

5647—Grinders (Sickle & Mower Knife)

See also Grinders, Foot & Hand Power
Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Chapman H. L. ("Chapman"), Marcellus, Mich.
Cheney S. & Son ("Fowler"), Manlius, N. Y.
Clizbe Bros. Mfg. Co. ("Daily," "Royal," "Star," "Crown" Sickle), Plymouth, Ind.
Cutaway Harrow Co. ("Dutton"), Higganum, Conn.
Duplex Mill & Mfg. Co. ("Kelley Duplex"), Springfield, O.
Fate-Root-Heath Co., (The), Plymouth, O.
Goodell-Pratt Co., Greenfield, Mass.
Herschel R. Mfg. Co. ("Herschel," "New Model"), Peoria, Ill.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
International Harvester Company of America (Inc.), "Interantional"-Deering-McCormick-Milwaukee, Harvester bldg, Chicago, Ill.
Kalamazoo Tank & Silo Co. ("Kalamazoo"), Kalamazoo, Mich.
Luther Grinder Mfg. Co. ("Hummer," "Best Maide," "Farm Special"), 285 S Water, Milwaukee, Wis.
National Dairy Machine Co. ("Industrial"), Goshen, Ind.
Richard-Wilcox Mfg. Co. ("Richards," "Wilcox," "Velox"), Aurora, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Schofield & Co. ("Schofield"), Freeport, Ill.
Whitaker Mfg. Co., ("Karbo," "Sterling"), 409 S Green, Chicago, Ill.
Wood Walter A. Mower & Reaper Machine Co. ("Paragon" & "Perfect"), Hoosick Falls, N. Y.

5648—Grinders (Silversmiths')

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*

5649-50—Grinders (Skate)

Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book
Hemming Bros. (Automatic), New Haven, Conn.
Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Pike Mfg. Co., Pike, N. H.

5651—Grinders (Surface, Etc.)

Abrasive Machine Tool Co. ("Abrasive"), East Providence, R. I.
Besly Chas. H. & Co. ("Besly," Flat Surface), 120 N Clinton, Chicago, Ill.
Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Blanchard Machine Co. ("Blanchard," High Power Vertical), Cambridge, Mass.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bryant Chucking Grinder Co. ("Bryant" Multiple Spindle Grinders), Springfield, Vt.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Clark Jas., Jr. Electric Co., Louisville, Ky.
Cleveland Automatic Machine Co. ("Cleveland" Tool & Surface), 2269 E 65th, Cleveland, O.
Cleveland Mach. Tool Co., Cleveland, O.
Clough R. M., Tolland, Conn.
Diamond Machine Co. ("Diamond," Automatic, Hand, etc), Providence, R. I.
Draper & Hall Co. (Draper & Hall), Middletown, Conn.
Garvin Machine Co., 147 Varick, New York
Globe Inventing Co., 4877 N Hermitage av, Chicago, Ill.
Grand Rapids Grinding Machine Co., 30 Ottawa N W, Grand Rapids, Mich.
Heald Machine Co., Worcester, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Ingersoll Mill Mach. Co. (For Cutters Only), Rockford, Ill.
Landis Tool Co., Waynesboro, Pa.
La Salle Machine & Tool Co. (Micrometer Adjustment), La Salle, Ill.
Metz Peter J., 562 Washington blvd., Chicago, Ill.
Modern Tool Co. (Cylindrical), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Moseley Lathe Co. ("Moseley" Traverse for Internal & External Grinding) Elgin, Ill.
National Machine Co. ("Hartford"), Hartford, Conn.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 8th & B'way, Cincinnati, O.
Newton Machine Tool Works (Planer Type), 23rd & Vine, Phila., Pa.
Norton Grinding Co., Worcester, Mass.
Peerless Surface Machine Co. (Belt), 207 Market, Newark, N. J.
Persons-Arter Machine Co. ("Model A," Rotary), Worcester, Mass.
Pratt & Whitney Co. (Vertical), Hartford, Conn.
Reid Bros. Co. ("Reid"), Beverly, Mass.
Robbins Machine Co. ("Bay State"), Worcester, Mass.
Sanford F. C. Mfg. Co. ("Sanford" "Precision Centerless), Bridgeport, Conn.
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
Springfield Mfg. Co. (Planer & Vertical Type), Bridgeport, Conn.
Stein Wm. P. & Co., Rochester, N. Y.
Stow Mfg. Co., Inc., Binghamton, N. Y.
See adv index at end of book
Tanite Co., Stroudsburg, Pa.
United States Electrical Tool Co. (Portable Electric), Cincinnati, O.
See adv index at end of book
Universal Grinding Mach. Co., Fitchburg, Mass.
Valley City Machine Works, Grand Rapids, Mich.
Walker O. S. Co., Worcester, Mass.
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*
Wilmarth & Morman Co., ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5652-5653—Grinders (Swing Frame)

Bridgeport Safety Emery Wheel Co., ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Safety Emery Wheel Co., Springfield, O.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Grinding Wheel Co., Tiffin, O.

5654— Grinders (Tool Post)

American Electric Tool Co. ("Carver" Portable Electric), West Newton, Mass.
Armstrong-Blum Mfg. Co. (Fitted for Attachment to Lathes & Planers), 337 N Francisco av, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E. 44th, New York *See adv index at end of book*
Cincinnati Electrical Tool Co., Cincinnati, Ohio
Electric Blower Co. ("Marvel"), 350 Atlantic av, Boston, Mass.
Grand Rapids Grinding Machine Co. (Head Only), 30 Ottawa av N. W., Grand Rapids, Mich.
Grant Mfg. & Machine Co. (& Internal), Bridgeport, Conn.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 8th & B'way, Cincinnati, O.
Simmons Machine Co. Inc., 987 Broadway, Albany, N. Y.
Standard Electric Tool Co. (Portable Electric), York & Western av, Cincinnati, O.
Stow Mfg. Co., Inc., Binghamton, N. Y.
See adv index at end of book
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*
Wisconsin Electric Co. ("Dumore" Electric), 1600 Junction av, Racine, Wis.

5655— Grinders (Track Rail)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E. 44th New York *See adv index at end of book*
Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.
Ry. Track Work Co. (Reciprocating), 3132H E. Thompson, Phila., Pa.
Stow Mfg. Co. (Electric with Flexible Shaft), Binghamton, N. Y.
See adv index at end of book

Grinders (Twist Drill)

See Grinders, Drill.

5656— Grinders (Universal)

Atkins, E. C. & Co., Indianapolis, Ind.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Pneumatic Tool Co., 6 E. 44th New York *See adv index at end of book*
Cincinnati Grinder Co., 3233 Colerain, Cincinnati, O.
Draper & Hall Co. (Draper & Hall), Middletown, Conn.
Fitchburg Grinder Co. ("Fitchburg") (Cylindrical), Fitchburg, Mass.
Gisholt Machine Co. (For Lathe & Planer Tools), Madison, Wis.
Grand Rapids Grinding Machine Co., 30 Ottawa N. W., Grand Rapids, Mich.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Le Blond, R. K. Machine Tool Co., Cincinnati, O.
McDonough Mfg. Co. (Tools), Eau Claire, Wis.
Modern Tool Co. ("Modern"), 300 State, Erie, Pa.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 8th & B'way, Cincinnati, O.
Norton Grinding Co., Worcester, Mass.
Oesterlein Machine Co., Cincinnati, O.
Ott Grinder Co., Indianapolis, Ind.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Tabor Mfg. Co. ("Taylor), 18th & Hamilton, Phila., Pa.
Thompson Grinder Co., Springfield, O.
United States Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.
Universal Grinding Mach. Co., ("Bath," Plain, Surface, Disc, Internal & Cutter Grinder, All in One), Fitchburg, Mass.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
Walker O. S. Co., Worcester, Mass.
Webster & Perks Tool Co., Springfield, O.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Woods Engineering Co. (Tool & Cutter Grinder), Alliance, O.

5657— Grinders (Valve)

Albertson & Co., Inc., Sioux City, Ia.
Ashcroft Mfg. Co., 119 W 40th, New York
Black & Decker Mfg. Co. (Electric), 111 S Calvert, Baltimore, Md.
Cleveland Pneumatic Tool Co. ("Cleveland" Portable), 3734 E 78th, Cleveland, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Eclipse Valve Grinder Co. (Portable Electrically Driven), 1230 Lydia av, Kansas City, Mo.
Favorite Mfg. Co. ("Favorite" Automobile), 183 W Maple, Columbus, O.
Franklin Machine & Tool Co. ("Franklin"), 61 Franklin, Springfield, Mass.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Goodell-Pratt Co. (Automobile), Greenfield, Mass.
Graham Roller Bearing Co., Coudersport, Pa.
Lapoint, J. N. Co. ("Arnold" for Automobiles, Gas Engines, etc.), New London, Conn.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Motch & Merryweather Machinery Co. ("Misch"), 711 Lakeside av, N W, Cleveland, O.
Newton Mfg. Co. ("Minute"), Plainville, Conn. *See adv index at end of book*
Stenman Elec. Valve Grinding Co., Inc. ("Steinman" for Automobile & Aeroplane Engines), 42 Southbridge, Worcester, Mass.
Syracuse Wrench Co., 325 W Fayette, Syracuse, N. Y.
Universal Equipment & Supply Co. ("Simplicity," "Royal"), 107 N. Franklin, Syracuse, N. Y.
See adv index at end of book

"Simplicity" Valve Grinders
"Royal" Valve Grinders
"Universal" Valve Refacers
Valve Removers
UNIVERSAL EQUIPMENT & SUPPLY CO.
107 N. Franklin St. Syracuse, N. Y.

5658— Grinders (Vertical)

Badger Tool Co. ("Badger" Spindle), Beloit, Wis.

Blanchard Machine Co. ("Blanchard" Surface), Cambridge, Mass.
Diamond Machine Co. ("Diamond". Also with Polishing Drum), Providence, R. I.
Springfield Mfg. Co. (Planer Type), Bridgeport, Conn.

5659— Grinders (Wet Tool)

Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co. ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Clark Jas. Jr., Electric Co. (Electrically Driven), Louisville, Ky.
Cleveland Automatic Machine Co. ("Cleveland" Tool & Surface), Cleveland, O.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Harris Engineering Co. (Automatic Hob & Form Cutter), Bridgeport, Conn.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Hoysradt & Case, Kingston, N. Y.
Landis Tool Co., Waynesboro, Pa.
Lutter & Gies ("Milwaukee"), 258 Lake, Milwaukee, Wis.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Ransom Mfg. Co. (Belt or Motor Driven), Oshkosh, Wis.
Rockford Drilling Machine Co., Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Safety Emery Wheel Co., Springfield, O.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Springfield Mfg. Co. ("Brandes" Ball Bearing "Springfield," Double), Bridgeport, Conn.
Taylor & Fenn Co., Hartford, Conn.
Tucker Machine Co., 222 E 9th, Cincinnati, O.
Universal Grinding Mach. Co. ("Bath"), Fitchburg, Mass.
Valley City Machine Works (Also Dry Grinders), Grand Rapids, Mich.
Washburn Shops (Drill), Worcester, Mass.
Webster & Perks Tool Co., Springfield, O.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.
York Metal & Alloy Co., York, Pa.

5660-61—Grinders (Wood Pulp)

See also Paper & Pulp Mill Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Appleton Machine Co. ("Success", Screening Girder), Appleton, Wis.
Bagley & Sewall Co., Watertown, N. Y.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Brown A. & F. Co., 79 Barclay, New York
Holyoke Machine Co., Holyoke, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Pusey & Jones Co., Wilmington, Del.
Scott Olin (Est. of), Bennington, Vt.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

5662—Grindstone Boxes & Frames

American Tool & Machine Co., 10 High, Boston, Mass.
Athol Machine Co. (Iron Frames), Athol, Mass.
Defiance Mach. Works (Iron), Defiance, O.
Cleveland Stone Co. (Grindstone Frames), 1836 Euclid av, Cleveland, O.
Grabo E. O. Machine Works (Iron, also Motor Driven), 180 Centre, New York
Hoppen J. E. & Sons ("Hoppen"), 78 Main, Belleville, N. J. *See adv index at end of book*



Belt, Foot and Hand Driven with Self-Oiling Bearings. Light and Heavy Fixtures.
J. E. HOPPEN & SONS
78 MAIN STREET
BELLEVILLE, N. J.

Oliver Machinery Co. ("Oliver", Frames Only), Grand Rapids, Mich.
Smith H. B. Machine Co. (Iron), Smithville, N. J.

5662a — Grinding & Pulverizing Works.

Apex Pulverizing Mills, Inc. (Minerals, Metals, etc.), 254 Eagle, Brooklyn, N. Y.

5663— Grindstone Fixtures

American Foundry & Mfg. Co., 11th & *Hebert, St. Louis, Mo.
Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co., Mt. Joy, Pa.
Hoppen J. E. & Sons (Arbors, Troughs), 78 Main, Belleville, N. J. *See adv index at end of book*
Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.
Sargent & Co., New Haven, Conn.
Stowell Co. The., South Wilwaukee, Wis.
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hdw. Co., Wrightsville, Pa.

5664—Grindstone Truing Device

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
H. P. Co., 45 Fort, E, Detroit, Mich.
Hoppen J. E. & Sons ("Hoppen"), 78 Main, Belleville, N. J. *See adv index at end of book*

5665— Grindstones

Cleveland Stone Co. ("Sterling," "Harvest King"), 1836 Euclid av, Cleveland, O.
Columbia Stone Co. (Loose & Mounted), Soc. for Sav. bldg, Cleveland, O.
Constitution Stone Co., Constitution, O.
Grabo E. O. Machine Works (Iron, Frame, also Motor Driven), 180 Centre, New York
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Lombard & Co. (Nova Scotia), 236 A, Boston, Mass.
Marietta Stone Co. (For Saw & Edge Tools, Files, etc), Marietta, O.
Millers Falls Co. ("Star"), Millers Falls, Mass.
Morris E. K. & Co., 317 W 2d, Cincinnati, Ohio
Ohio Quarries Co. ("Buckeye"), Citizens bldg, Cleveland, O. Quarries & Mills: Amherst, O.
Oldham New York Saw Wks., Inc., 112 26th, Brooklyn, N. Y.
Pike Mfg. Co., Pike, N. H.
Richards-Wilcox Mfg. Co. ("Victor" & "King" Tubular Ball Bearing; also "Eli" Ball Bearing, "Climax" Wood Frame, "Cycle," "Velox" Steel Frame, Ball Bearing), Aurora, Ill.
Wallace Co., Port Austin, Mich.

5666— Grindstones (Kitchen)

Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Millers Falls Co. ("Star"), Millers Falls, Mass.
Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.

5667— Grippers (Guy)

Athol Mach. & Foundry Co. (Iron Frames), Athol, Mass.
Channon Jas. H. Mfg. Co. ("Gibson's"), 227 W Erie, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

5667a— Grips (Bicycle)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co. (& Motorcycle Handle Bar, Wooden), South Bend, Ind. *See adv index at end of book*

5668— Grips (Cable)

See also Comealongs

Hallett Iron Works ("McMahon"), Harvey, Ill.
Havens Harold A., Syracuse, N. Y.
Klein Mathias & Sons ("Quick Samson"), 3200 Belmont, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Norris Electric Specialties Co. ("Gem"), 126 Liberty, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Universal Cable Grip Co. ("Universal," for Underground or Aerial Cables), Skaneateles, N. Y.
Western Elec. Co., 463 West, New York

5669— *Grips (Handle Bar)

Bogert & Hopper, Inc. (Bicycle & Motorcycle), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5670— Grips (Motorcycle)

Continental Rubber Works ("Continental-Erie" Reinforced with Steel, "Vitalic"), Erie, Pa.
Empire Fire & Rubber Corp., Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.

Grips (Nail)

See Claws & Grips, Nail

5671— Grips (Pipe)

Athol Mach. & Foundry Co., Athol, Mass.
Lockhart R. James, 201 Millvale, Pittsburgh, Pa.
Prentiss Vise Co. ("Peerless"), 110 Lafayette, New York

5672—Grips (Socket Strain Relief)

Swan Electric Co., 144 Oliver, Boston, Mass.
Trumbull Elec. Mfg. Co., Plainville, Conn.

Grips (Stair)

See Fasteners, Grips & Buttons

5673-4—Grips (Steering Lever)

American Enamel Co., Neville, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Parker-Stearns & Co. ("Alpha," Rubber), 286 Sheffield av, Brooklyn, N. Y.

Grips (Wire)

See Clamps, Lineman's Splicing

5675-6— Grit (Mica Quartz)

Mica Crystal Co., Concord, N. H.

5677— Grits (Hominy)

American Hominy Co., Indianapolis, Ind.
Durst Milling Co., Dayton, Ohio
Lafayette Corn Flour Mills, LaFayette, Ind.
Lea Milling Co., Wilmington, Del.
Marco Mills, Pine Bluffs, Ark.
Nebraska Corn Mills, Lincoln, Neb.
Walthen Milling Co., Louisville, Ky.

5678—Grommet Inserting Dies & Cutters

Neptune Hardware Mfg. Co., 29 Murray, New York
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

5679— Grommets (Metal)

American Ring Co., Waterbury, Conn.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Berbecker Stamping & Mfg. Co. (Bedstead), 6120 Clark av S W, Cleveland, O.
Dallas Brass & Copper Co. (Brass., Copper & Steel), 820H Orleans, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Laughlin Thos. Co. (Brass), Portland, Me. *See adv index at end of book*
Neptune Hardware Mfg. Co., 29 Murray, New York
Ohio Nut & Bolt Co., Berea, O.
Rimmon Eyelet Co., Seymour, Conn.
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Stimpson Edwin B. Co. (Round & Oval), 852 Kent av, Brooklyn, N. Y.
Waterbury Brass Goods Corp., Waterbury, Conn.
WATERBURY BUTTON CORP., Waterbury, Conn. *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.
Wilcox, Crittenden & Co., Inc. (Brass), Middletown, Conn. *See adv index at end of book*

5679a—Groomers (Live Stock Vacuum)

Kent Vacuum Cleaner Co. ("Kent"), Rome, N. Y.

5680— Groovers (Belt)

Manufacturers' Belt Hook Co. ("L X"), 1321 W Congress, Chicago, Ill.

5681—Groovers (Sheet Metal)

Barber Mfg. Co., Ashtabula, O.
Crescent Novelty Mfg. Co. (Carriage, Sidewalk, Adjustable Side & Center Plate), 703 S B'way, St. Louis, Mo.

5681a—*Ground Throw Stands

Easton Car & Construction Co., 198 Fulton, New York. *See adv index at end of book*

5682—*Ground Wire Clamps (Telephone Wires)

DIAMOND EXPANSION BOLT CO., 89 West, New York *See adv index at end of book*

5682a— Grounding Devices

Arrow Conductor & Mfg. Co., 1536 W Adams, Chicago, Ill.
Buin Boston Battery & Mfg. Works, 134 State, Boston, Mass.
Cope T. J. (Attaching Plates), 1620 Chancellor, Phila., Pa.
Dossert & Co., 242 W 41st, New York
Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.

GROUNDING DEVICES—continued
Fargo Mfg. Co., Poughkeepsie, N. Y.
Hickey & Schneider (Insulator), 61 B'way, New York
Horne Mfg. Co., 4 College pl., Brooklyn, N. Y.
Paragon Electric Co. (Ground), 9 S Clinton, Chicago, Ill.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.

5683— Guaiacol

Hoffmann-La Roche Chemical Works, 440 Washington, N. Y.
Lyon Julian W. (Imp), 101 Beekman, New York
Merck & Co. (Also Carbonate), 45 Park pl., New York.

5684—Guard Rail Brace & Tie Plate (Combined)

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*
Atlas Railway Supply Co. (Tie Plate), 431H S. Dearborn, Chicago, Ill.
Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.

Guards (Belt)

See Guards & Safety Devices Machinery

5685— Guards (Burner)

Knight Maurice A., Akron, O.

5686—Guards (Cattle, for Railways)

American Bridge Co., 30 Church, New York
Century Materials Co. ("Century" All Steel), Monadnock blk, Chicago, Ill.
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Cook Standard Tool Co. ("Cook's" Steel), Kalamazoo, Mich.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Three Rivers, Mich.
Fox Bros. & Co., 126 Lafayette, New York
Kalamazoo Railway Supply Co. ("Perfect," Steel Surface & "Oaken," Wood Surface), Kalamazoo, Mich.
National Surface Guard Co. ("National" Metal), 343 S Dearborn, Chicago, Ill.
Shane Furnace & Metal Appliance Co., W Warren av & S Delaware, Denver, Colo.

Guards (Concrete Curb)

See Concrete Curb, Steel Bound

5687— Guards (Door)

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Brasco Mfg. Co. (Brass), 1451 S Michigan av, Chicago, Ill.
Champion Hardware Co. ("Champion"), Geneva, Ohio
Christianson L., 254 Broad, Lynn, Mass.
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O. *See adv index at end of book*
Columbus Structural Steel Co. (Wrought & Iron), Columbus, O.
Fort Pitt Steel & Iron Works, 802H Fulton bldg, Pittsburgh, Pa.
Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Southern Wire & Iron Wks. (Burglar Proof Windows & Doors), Atlanta, Ga.
Stolz, Jos. & Son, Inc., 841 E 136th, New York.

5688— *Guards (Dust)

Continental Fibre Co. (Fibre for Journal Boxes, Bearings, etc), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Hard Fibre for Journal Boxes, Bearings, etc.), Wilmington, Del. *See adv index at end of book*

Guards (Electric Lamp)

See Lamp Guards

5689—Guards (Emery Wheel)

Challenge Machine Co., 5116 Springfield av, Phila., Pa.
Challoner Co., Oshkosh, Wis.
Lockhart-Hodge Co., Inc., White bldg., Buffalo, N. Y.
Ransom Mfg. Co., Oshkosh, Wis.
Woods-Sherwood Co. (Adjustable, etc), Worcester, Mass.

5690— Guards (Extractor)

Utica Novelty & Mill Specialty Co., Utica, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

5690a—Guards (Flower Bed)

Page Steel & Wire Co., Adrian, Mich.

5691— Guards (Foot)

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*
Economy Separable Switch Point Co. ("Economy," Pressed Steel, for Frogs, Switches, etc), Louisville, Ky.
Track Specialties Co., 29 B'way, New York
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

5692— Guards (Gear)

Heltzel Steel Form & Iron Co. (The), Warren, O.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cinncinnati, O.
Lockhart-Hodge Co., Inc., White bldg., Buffalo, N. Y.
Stolz, Jos. & Son, Inc., 841 E 136th, New York.
Surty Guard Co. Inc., 4139 W Kinzie, Chicago, Ill.

5693— Guards (Grain Lifter)

Blocki F. Co., Sheboygan, Wis.
Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
Franzmeier Louis, Timothy, Wis.
Gaterman Mfg. Co. (For Binders & Mowers), Manitowoc, Wis.
Hamachek Frank ("Ideal"), Kewaunee, Wis.
Hirsch Bros., 267 Reed, Milwaukee, Wis.
Noll Bros., 849 Allis, Milwaukee, Wis.
Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.

5694— Guards (Hub)

Lanz M. Bolt Co. (For Telegraph Poles), 2907H Carson, Pittsburgh, Pa.

5695— *Guards (Jointer)

Lockhart-Hodge Co., Inc., White bldg., Buffalo, N. Y.
Surty Guard Co., 4139 W. Kinzie, Chicago, Ill.

5696— Guards (Key Hole)

Schroder J. B. & Co. ("Schroder"), 133 E 5th, Cincinnati, O.

5697— Guards (Manhole)

Bissell F. Co. ("Security"), Toledo, O.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Steelite Co., 1902 W 77th, Cleveland, O.
Universal Cable Grip Co., Skaneateles, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

5698—Guards (Motor Cycle Chain & Sprocket)

Geuder, Paeschke & Frey Co. (Stamped), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*

5699—Guards (Mower & Reaper)

Gaterman Mfg. Co., Manitowoc, Wis.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.

5700— Guards (Mud)

For Bicycles, Motorcycles, etc

Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
McKinney Jas. & Son, Albany, N. Y.
Standard Parts Co. (Bicycle & Motorcycle Steel), Cleveland, O.

5701—Guards (Nose, Football)

Goodrich B. F. Co. (Rubber), Akron, O.

Guards (Portable Lamp)

See Lamp Guards

5702— Guards (Safety Car)

McGuire-Cummings Mfg. Co. (Coil Spring Safety Guards Used Between Cars), Harris Trust & Savings bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Tyler W. S. Co., Cleveland, O. *See adv index at end of book*

5703— Guards (Saw)

Atlas Mfg Co., Orlando, Fla.
Bass Bros. & Shaper (Ceiling Suspended Wire Hood Circular), 82 Walker, New York.
Champion Machinery Co. ("Champion" Automatic Flexible), Joliet, Ill.
Huther Bros. Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lockhart-Hodge Co., Inc., White bldg., Buffalo, N. Y.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Northern Machin'y Co., 503 S 6th, Minneapolis, Minn.
Oliver Machinery Co. ("Oliver"). Grand Rapids, Mich.
Porter, C. O., Machinery Co., 666 Front av, N. W., Grand Rapids, Mich.
Surty Guard Co., 4139 W Kinzie, Chicago, Ill.
Zeiller & Nagel ("Wire Hood" for Circular Saws), 233 Java, Brooklyn, N. Y.

5704— Guards (Shaper)

Huther Bros Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lockhart-Hodge Co., Inc., White bldg., Buffalo, N. Y.
Racine Tool & Machine Co. (For Wood Shapers), Racine, Wis.
Zeiller & Nagel ("Simplex"), 233 Java, Brooklyn, N. Y.

5704a— Guards (Skylight)

Barnes Wire Fence Co., 1930 Ferry Pk. av, Detroit, Mich.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Cyclone Fence Co., Waukegon, Ill.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Wire Works Co., 34 Cliff, New York
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Racine Tool & Machine Co. (For Woodshapers), Racine, Wis.
Steelite Co., 1902 W. 77th, Cleveland, O.
Wis. Iron & Wire Wks., 1660H Booth, Milwaukee, Wis.

5704b— *Guards (Tree)

See also Iron Railings & Fences; also Wire Fences & Gates

Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Page Steel & Wire Co., Adrian, Mich.
Royal Steel Products Co. (Wire & Wrought Iron), 1440 B'way, New York

5705— Guards (Trolley)

Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.
National Railroad Trolley Guard Co., Olean, N. Y.
Ohio Brass Co., Mansfield, O. *See adv index at end of book*

5706—Guards (Wheel or Corner)

(For Protecting Walls from Wagon Wheels)

Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Canton Foundry & Machine Co. (Cast Iron for Buildings), Canton, O.
Casey, Hedges & Co. (For Protecting Walls from Wagon Wheels), 26th & Chestnut, Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Donley Bros. Co., 3625 E 74th, Cleveland, O. *See adv index at end of book*
Fort Pitt Steel & Iron Wks. (Wheel), 802H Fulton bldg, Pittsburgh, Pa.
International Steel & Iron Co. (Cast Iron), Evansville, Ind.
Kramer Bros. Foundry Co., Dayton, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2346-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Stolz, Jos. & Son, Inc., 841 E 136th, New York.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.
Withers Foundry & Machine Works, Atlanta, Ga.

Guards (Window)

See Grilles, Various Kinds

5707—Guards (Wire, Machine)

Cincinnati Mfg. Co., Cincinnati, O.
Deschauer Wire & Iron Wks., 2009 Larrabee, Chicago, Ill.
Dufur & Co., 311 N Howard, Baltimore, Md.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Mesker, Geo. L. & Co., Evansville, Ind.
Norwich Wire Works, Norwich, N. Y.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2346-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Steelite Co., 1902 W 77th, Cleveland, O.
STEWART IRON WORKS, THE, 237 Stewart blk, Cincinnati, Ohio *See adv index at end of book*
Stolz, Jos. & Son, Inc., 841 E 136th, New York.
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

5708—Guards & Safety Devices (Machinery)

(Attachments for Preventing Accidents to Workmen)

Acme Guard Co. ("Jones"), 150 Nassau, New York
Aykroyd Iron Works Inc. (Guards), 564 W Boylston, Worcester, Mass.

Bastian - Blessing Co. (Oxy - Acetylene Regulator), 125 W Austin av, Chicago, Ill.
BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Chapman Wm. O. Co., 30 Church, New York
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Corbin Cabinet Lock Co. (Safety Press Guards), New Britain, Conn.
Davidoff J. (Safety Guards for Typesetting Machines), 733 Lafayette av, Brooklyn, N. Y.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Bklyn, N. Y.
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
GEUDER, PAESCHKE & FREY CO. ("Cream City" Attachment for preventing accidents on Presses, Punches, etc.), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
G. M. J. Mfg. Co. (Automatic Coal Handling Devices for Use in Mine), Apollo bldg., Pittsburgh, Pa.
Holzer, R. G. (Est of), 317 Burgundy, New Orleans, La.
Lock H. A. Co. (Guards), 243 44th, B'klyn, N. Y.
Lockhart-Hodge Co., Inc. ("Jones" Safety Guard for Preventing Accidents on Wood Working Machinery), 12 Waverly, Buffalo, N. Y.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
NAZARETH FOUNDRY & MACHINE CO., Nazareth, Pa. & 106 Front, New York.
Norwich Wire Works, Norwich, N. Y.
Orr Mach. Guarding Co. ("Safety First"), Trenton, N. J.
Page Steel & Wire Co., Adrian, Mich.
Prentice G. E. Mfg. Co., New Britain, Conn.
Ready Tool Co. ("Safety Belt Stick"), Bridgeport, Conn.
Safety First Supply Co., 107H Third av, Pittsburgh, Pa.
Smith A. L. Iron Works, Chelsea, Mass.
Surty Guard Co., Inc. (& Punch Press), 4139 W Kinzie, Chicago, Ill.
Vaile & Young, Ridgely & Bush, Baltimore, Md.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

5708a—*Guards & Safety Devices (for Perforated Metal)

Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*

5709— Gudgeons

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

5710— Guides (Belt)

Maytag Co., Newton, Ia.

5711— Guides (Cloth Dryer)

Schwartz L. H. A. & Co. (Automatic), 40 Central, Boston, Mass.

5712— Guides (Elevator)

Reilly, Martin B. Co., Inc., 9 S Clinton, Chicago, Ill.
Standard Gauge Steel Co. (Compressed Steel & Finished Tees), Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.

5713— Guides (Lever)

Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.

5714— Guides (Saw)

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Wood Working Machy. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Automatic Saw Guide & Mach. Co., Irwin, Pa.
Baldwin, Tuthill & Bolton (For Band Saws), Grand Rapids, Mich.
Barnes, W. O. Co. (Adjustable Metal Band Saw), 1216 Beaubien, Detroit, Mich.
See adv index at end of book
Crescent Machine Co. (Circular), Leetonia, O.
Disston Henry & Sons (Inc.) (Saw Filing), Tacony, Phila., Pa.
Filer & Stowell Co., Milwaukee, Wis.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Lane Mfg. Co., Montpelier, Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
New Britain Machine Co. ("Pineo" Band Saw), 190 Chestnut, New Britain, Conn.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Overholt Co., Galesburg, Ill.
Reed Hardware & Mfg. Co. ("Hoo-Hoo"), Cairo, Ill.
Root B. M. Co., York, Pa.
Salem Iron Works, Winston-Salem, N. C.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Union Drawn Steel Co., Beaver Falls, Pa.
Union Iron Works, Bangor, Me.

5715— Guides (Tank Valve)

Wolverine Brass Works (Adjustable), Grand Rapids, Mich.

5716— Guides (Wire Mill)

Pittsburgh Iron & Steel Foundries, Midland, Pa.

5717—Gum Arabic Importers

Amerman & Patterson, 21 State, New York
Anderson-Hillier Co., Inc., 99H John, New York
Arnold, Cheney & Co., 82 Beaver, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Behrend F., Inc., 170 Front, New York.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Jacob Chas. W. & Allison, 18 Cedar, New York
Lathrop H. R. & Co., 116 Beekman, New York
Morning Star, Chas. & Co., Inc., 649 Broadway, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York.
Orbis Products Trading Co., Inc., 212 Pearl, New York
Salomon L. A. & Bro., 216 Pearl, New York
SCHEEL, WM. H., 159 Maiden la, New York *See adv index at end of book*
Strahl & Pitsch, 141 Front, New York
Thurston & Braidich, 27 Cliff, New York
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York

5717a— Gum (Artificial)

Natl. Gum & Mica Co., 59th & 11th av, New York

5717b— Gum (Benzoin)

Cooper Chas. & Co., 194 Worth, New York

5717c— Gum (Congo)

Gillespie L. C. & Sons, 67 Fletcher, New York
Innes & Co., 132 Front, New York
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book
Winterbourne S. & Co., 94 Pine, New York

Gum (Copal)

See Gum Varnish

5717d— Gum (Elemi)

Cooper Chas. & Co., 194 Worth, New York
Innis, Speiden Co., Inc., 46 Cliff, New York
See adv index at end of book
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book

5718— Gum (Envelope)

Behrend F., 170 Front, New York
Bloede Victor G. Co., Caton av, Baltimore, Md.
Glover Horatio N. & Son, Mattapan, Boston, Mass.
HIGH SPEED HAMMER CO., Inc. (Elastic Blow), 313 Norton, Rochester, N. Y.
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.

5718a— Gum (Ester)

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Meyer J. & Sons, Phila., Pa.
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book

5719— Gum (Finishing)

General Adhesive Mfg. Co., Inc., (For Textiles, "Dragon"), 469 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
Wolf Jacques & Co., Passaic, N. J.

5719a— Gum (Ghatti)

Natl. Aniline & Chem. Co., 21 Burling slip, New York

5719b— Gum (Karaya)

Natl. Aniline & Chem. Co., 21 Burling slip, New York
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book
Wolf Jacques & Co., 369 Harrison

5719c— Gum (Manila)

Meyer J. & Sons (Imp.), Phila., Pa.

5719d— Gum (Mastic)

Cooper Chas. & Co., 194 Worth, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

5719e— Gum (Pontianak)

Klipstein A. & Co., 644 Greenwich, New York
Meyer J. & Sons (Imp.), Phila., Pa.

5719f— Gum (Sandarac)

Cooper Chas. & Co., 194 Worth, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

5719g— Gum (Senegal)

Meyer J. & Sons (Imp.), Phila., Pa.
Natl. Aniline & Chem. Co., 21 Burling slip, New York

5720—Gum (Splicing, Pure Rubber)

Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Consumers Rubber Co. ("Samson"), 829 Superior av, Cleveland, O.

5721— Gum Substitutes

Glover Horatio N. & Son, Mattapan, Boston, Mass.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Wolf Jacques & Co., Passaic, N. J.

5721a— Gum (Tragacanth)

Arabol Mfg. Co., 100 William, New York
Arnold, Hoffman & Co., 56 Canal, Providence, R. I.
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Bredt F. & Co., 240 Water, New York
See adv index at end of book
Cooper Chas. & Co., 194 Worth, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Morningstar, Chas. & Co., Inc., 349 Broadway, New York
See adv index at end of book
Natl. Aniline & Chem. Co., 21 Burling slip, New York
Nat'l. Gum & Mica Co., 59th & 11th av, New York
SCHEEL, WM. H., 159 Maiden la, New York *See adv index at end of book*
Thurston & Braidich, 27 Cliff, New York
Wolf Jacques & Co., 369 Harrison, Passaic, N. J.

5722— Gum-Lac

Ball Chemical Co. (A Pure Gum & Spirit Varnish), Fulton bldg, Pittsburgh, Pa.

5723— Gummers (Saw)

Adams W. T. Machine Co., Corinth, Miss.
Ajax Mfg. Co. ("Standard," "I X L"), 848 Jackson, Pittsburgh, Pa.
Amer. Woodworking Mach. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
California Saw Works, 721 Brennan, San Francisco, Cal.
Challoner Co., Oshkosh, Wis.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Disston Henry & Sons ("Victor" Self-Feeding, etc), Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Gerlach Peter Co., ("Gerlach," for Cylinder, Resaw, Heading, Siding, Shingle, Veneer, etc), 1712 Winter, Cleveland, O.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hinds Thos. Co. (Band Saws), Malone, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Mixter J. W. Saw Tool Co., ("Mixter Champion," with Automatic Self-Feed), Plymouth, Mass.
Reed Hardware & Mfg. Co. (The Hoo-Hoo Saw Gummer & Sharpener), Cairo,, Ill.
Riverside Machine Works (Crescent), Kokomo, Ind.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Southern Saw Works, East Point, Ga.
Tanite Co. ("Densmore"), Stroudsburg, Pa.
Valley City Machine Works (Bench & Saw), Grand Rapids, Mich.

5723a— Gums

American Trading Co., 25 Broad, New York.

GUMS—continued
Campbell John & Co., 75 Hudson, New York
Hartman-Pacific Co., Inc. (Varnish, Chemical & Drug), 80 Wall, New York
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.

5723b— *Gun Cotton

Du Pont, E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Pel. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

5723c—*Gun Cotton Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

5724-5-6—Gun Fire Control System

Sperry Gyroscope Co., 40 Flatbush av extension, Brooklyn, N. Y.

Gun Implements

See Tools, Gun Cleaning & Re-Loading

Gun Mfrs.

See Rifles, Guns, etc

5727—Gun Recoil Pads (Rubber)

Chamberlin Cartridge & Target Co., 514 Prospect av, Cleveland, O.
Goodrich B. F. Co., Akron, O.

5728— Guns (Aeroplane)

General Ordnance Co., Derby, Conn.
Maxim Munitions Corpn., Equitable bldg, New York

5729— Guns (Cement)

Brown, Harold P. (Concrete Atomizer), 120 Liberty, New York
Cement Gun Co., Allentown, Pa.
Cement Gun Construction Co., 914 S Michigan av, Chicago, Ill.
See adv index at end of book
Klingberg W. & Son, 50 Church, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
New England Cement Gun Co., 12 West, Boston, Mass.

Guns (Grease)

See Oil & Grease, Guns & Syringes

5730— Guns (Insect)

Feeny Mfg. Co. (Dust), Muncie, Ind.
Houchin Thos. W. Co. ("Houchin," "Blizzard," "Jumbo," "Tornado," "Lightning," "Defender," "Cyclone," "Floradora"), 36 E 12th, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Star Brass Works, 3129 Carroll av, Chicago, Ill.

5731—Guns (Line Throwing)

Coston Signal Co. ("Coston" Lyle System), 24 Water, New York
International Ship Fittings & Supply Corp., 212-214 Fulton, Brooklyn, N. Y.

Guns (Machine)

See Ordnance, Light & Heavy

5731a— *Guns (Spray)

Matthews, W. N. & Bro., Inc. ("Matthews"), 2922 Easton av, St. Louis, Mo.
Myers F. E. & Bro. ("Myers"), 900 4th, Ashland, Ohio
See adv index at end of book

5731b— *Guns (Toy)

Bogert & Hopper Inc. (Wooden), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Markham Air Rifle Co., Plymouth, Mich

Guns (Yacht)

See Cannon, Yacht

5732— Gutta Percha

Aldens' Successors (Ltd.), 290 B'way, New York
Bishop Gutta Percha Co. (Tissue), 420 E 25th, New York.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

5733— Gypsum Mfrs.

See also Plaster Manufacturers, Wall
Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
American Gypsum Co. (Crude & Crushed for Cement), Rochester, N. Y.
Arizona Gypsum Plaster Co., Douglas, Ariz.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Consolidated Pacific Cement Plaster Co., Amboy, Cal.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Harshaw, Fuller & Goodwin Co., Elec. Bldg., Cleveland, O.
Keystone Plaster Co., Chester, Pa.
Lycoming Calcining Co., Williamsport, Pa.
Niagara Gypsum Co., Buffalo, N. Y.
Pacific Coast Gypsum Co., Tacoma, Wash.
Pacific Portland Cement Co., Cons'd Pacific bldg, San Francisco, Cal.
Plymouth Gypsum Co., Fort Dodge, Ia.
Colorado Portland Cement Co., Denver, Colo.
Southern Gypsum Co. (Agricultural & Crude), North Holston, Va.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

5734-5— Gyrators

Wolf Co., Chambersburg, Pa.

Hack Saws

See Saw Blades & Frames, Hack, also Hack Saw Machines

5736— Hair (Badger)

Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.

5737— Hair (Cattle)

Caplan S. & Co., 80 Pine, New York
Grover John D. & Son, Somerset & Tulip, Philadelphia, Pa.
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc., 641 Atlantic av, Boston, Mass.
Kenworthy's, Thos. Sons (Impts.), 130H Arch, Phila., Pa.
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5738— Hair Cloth Mfrs.

American Hair Cloth Co., Pawtucket, R. I.
Cox Geo. S. & Bro., Cambria & Ormes, Phila., Pa.
Davidson M. I. Co., 1100 Shackamaxon, Phila., Pa.
Feldstein Chas. H. Co., 1839 Madison, Phila., Pa.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.
Mawson Jno. Haircloth Co., Venango, E of Kensington, Phila., Pa.
Michie Andrew Y., 5th & Columbia, Phila., Pa.
Minaret Mills, Cambria & Ormes, Phil., Pa.
National Hair Cloth Co., 2950 N Jasper, Phila., Pa.
Niagara Falls Hair Cloth Works, Niagara Falls, N. Y.
Reetz Ewald R., Hulmeville, Pa.
Schadewald Mills, 3d & Huntington, Phila., Pa.
Scheiter Jos. J. & Co., 3d & Huntington, Phila., Pa.
Schwehms' John M. Sons, 13 Wister, Phila., Pa.
Western Hair Cloth Co., 3109 S Robinson, Chicago, Ill.

5739— Hair (Curled)

American Glue Co., 121 Beverly, Boston, Mass.
Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.
Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
Coghlan Jos. T., Drexel bldg, Phila., Pa.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Delany & Co., Tacony, Phila., Pa.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Grover J. D. & Son, Somerset & Tulip, Philadelphia, Pa.
Horwich, Vitkin Co. (Catte Hair), 2301 S Paulina, Chicago, Ill.
Mitchell P. R. Co., Harrison & Spring Grove av, Cincinnati, O.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon Glue Mfg. Co., 2nd & Clinton, St. Louis, Mo.
Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
Snell Chas W. Co., 321 So. Jefferson, Chicago, Ill.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tunnell F. W. & Co., 15 N 5th, Phila., Pa.
Walpert Fred & Co. (Steam), Taylor & B & O. R. R., Baltimore, Md.
Wilkens Wm. Co. Frederick av & Wilkens, Baltimore, Md.
Wilson & Co., Union Stock Yds., Chicago, Ill.
Woll, F. P. & Co. (Imitation & Interlaced), Church & Tacony, Phila., Pa.
Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
Zeidman Co., 3109 S Robinson, Chicago, Ill.

5740—Hair Dryers (Electric)

Arnold Electric Co., Racine, Wis.
Birtman C. F., 163 N Wabash, Chicago, Ill.
Birtman Electric Co. ("Bee"), Lake & Desplaines, Chicago, Ill.
Camp Co. ("Invincible"), La Crosse, Wis.
Elec. Mfg. Co. ("Solar"), 59H New Montgomery, San Francisco, Cal.
Geier P. A. Co. ("Royal"), Cleveland, O.
Halliwell & Co. ("Halliwell" All Electric Also Gas & Electric), 64 E 12th, New York.
Hamilton-Beach Mfg. Co. ("Hamilton Beach"), Racine, Wis.
Horn Electric Co., 110 S Desplaines, Chicago, Ill.
Lindstrom Smith Co. ("White Cross"), 3212 W Lake, Chicago, Ill.
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Russell Elect. Co. ("Hold-Heet"), 140 W Austin, Chicago, Ill.
Sanax Co. ("Foen"), 143 E 23rd, New York
Slaughter, Wm. E. Co. ("Parisian" Comb), 1716 S Michigan av, Chicago, Ill.
Shelton Electric Co., 30 E 42d, New York
Wisconsin Electric Co. ("Dumore"), 1600 Junction av, Racine, Wis.

5741— Hair (Goat)

Caplan S. & Co., 80 Pine, New York
Eaton, Schleich & Woll (Imp), 97 Maiden la, New York
Goldstone Joseph, 335 B'way, New York
Hamburger H. (Imp.), 86 John, New York
Kenworthy's, Thos. Sons (Imps.), 130H Arch, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5742— Hair (Horse)

Apelt Hermann (Imp.), 76 Wall, New York
Caplan S. & Co., 80 Pine, New York
Cone Fred H. & Co. (Imp.), 131 Front, New York
Eaton, Schleich & Woll, 97 Maiden la, New York
Fearon Brown Co. (Imp.), 96 Wall, New York.
Goldstone Joseph, 335 Broadway, New York
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Hamburger H. (Imp.), 86 John, New York
Horwich, Vitkin Co. (Dressed, for Brush Hair & Weaving), 2301 S Paulina, Chicago, Ill.
Klebansky Wolf, 246 S 3d, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Nositzer Barnet (Imp), 307 Pearl, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York
Rosenhirsch H. Co., 10 Goddard, Providence, R. I.
Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.
Willcomb Geo. Co. ("South American"), 60 Chardon, Boston, Mass.

5743— Halters

Alexandria Halter Factory (Rope, Leather & Web), Alexandria, O.
Badger Handle Co., 323 E Water, S. Milwaukee, Wis.
Buffalo Weaving & Belting Co. (Web), Buffalo, N. Y.
California Tanning Co. (Leather), 1905 Shenandoah av, St. Louis, Mo.
Cooper Otway (Rope), Urbana, O.
Covert Mfg. Co. (Rope & Web), Troy, N. Y.
Covert Saddlery Works (Rope, Web & Leather), Interlaken, N. Y.
Excelsior Bag & Mfg. Co. (Horse's Feed Bag), Troy, N. Y.
Franklin Cotton Mill Co. (Web), Plum & Charles, Cincinnati, O.
Gem Hammock & Fly Net Co. (Leather), 326 Florida, Milwaukee, Wis.
Graton & Knight Mfg. Co. (Leather), Worcester, Mass.
Green Halter Co., Urbana, O.
Holyoke Halter Mfg. Co. (Leather), Holyoke, Mass.
Langstroth T. W., 79 Warren, New York
National Leather Mfg. Co. (Leather), Niles, Mich.
Nott W. S. Co. (Leather), 2d av N & 3d, Minneapolis, Minn.
Planet Co. (Web), Westfield, Mass.
Rose P. & Sons, 9 S Howard, Baltimore, Md.
Rugg E. T. & Co. (Leather, Rope & Web), Newark, O.
Russell Mfg. Co. (Web), Middletown, Conn.
Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Sells J. H. & F. A. Co. (Rope & Leather), Chestnut & Pearl, Columbus, O.
Western Rawhide & Belting Co. (Leather), 600 So Pierce, Milwaukee, Wis.
Workman H. B. Co. (Web), Lititz, Pa.

5744—Hames (Hard Rubber Covered)

Rubber & Celluloid Product Trimming Co., 56 Ferry, Newark, N. J.

5745—Hames (Mine & Lumbering)

Beagle Hame Works, Freeland, Pa.
Fleming J. R & Son Co., Scranton, Pa.
Hoch Hames Co., Hazelton, Pa.
Kugler Clarence B. Jr. & Co., Land Title bldg, Phila., Pa.
Olewine Wm. & Son, Hazelton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
U. S. Hame Co., Buffalo, N. Y.

5746—Hames (Steel & Wood)

American Hame & Bit Co., 59 N J R R av, Newark, N. J.
Bellefontaine Hame Co., Bellefontaine, O.
Berry Chas. E. (Steel), Somerville, Mass.
Easterbrook Wm. Jr. & Bro. (Metal), 311 Cherry, Phila., Pa.
Elbel Co. (Hand Forged Steel), Canton, O.
Frazer & Jones Co. ("Staple Brand" Steel Only), Syracuse, N. Y.
Hale Geo. C. (Steel), Kansas City, Mo.
Kelsay Newton (Wood), Evansville, Ind.
Nixdorff-Krein Mfg. Co. (Wood), 900 How-ard, St. Louis, Mo.
Sargeant Mfg. Co. (Steel), 79 Summit, Newark, N. J.
Sherman Hame Co. (Wood), Sherman, Tex.
Smith F. H. Mfg. Co. (Steel), 3047 Carroll av, Chicago, Ill.
Star Hame Mfg. Co. (Wood, Iron Trim-med), Blanchester, O.
U. S. Hame Co. (All Kinds of Steel & Wood, Coach & Gig), Buffalo, N. Y.

Hammers (Air)

See Pneumatic Hammers, various kinds

Hammers (Automobile)

See Hammers, Machinists

5747— Hammers (Belt)

Manufacturers' Belt Hook Co. ("L X"), 1321 W Congress, Chicago, Ill.

5748—Hammers (Belt)

See also Hammers, Power

BEAUDRY & CO., INC., 43 Bromfield, Boston, Mass. *See adv index at end of book*
Bradley C. C. & Son, Syracuse, N. Y.
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
United Hammer Co. ("Fairbanks"), 45 Bromfield, Boston, Mass.

5749—Hammers (Bench Drop)

Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.

Hammers (Blacksmiths')

See Hammers, Heavy

5750—*Hammers (Blacksmiths', Foot Power)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

5751—Hammers (Board Drop)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chambersburg Engineering Co., Chambers-burg, Pa.
Garrison A. Fdry. Co., 901 Bingham, Pitts-burgh, Pa.
United Engineering & Foundry Co. ("Pitts-burgh"), Farmers Bk. bldg., Pitts-burgh, Pa.
Williams White & Co. (Friction), Mo-line, Ill.

Hammers (Boiler Makers')

See Hammers, Heavy
Also Pneumatic Boiler Makers' Hammers

5752— Hammers (Brass)

Goodell-Pratt Co., Greenfield, Mass.

Hammers (Bricklayers')

See Hammers, Masons' & Bricklayers'

Hammers (Bush)

See Hammers, Stone Cutters'

5753—Hammers (Carpet Layers')

Braunsdorf-Mueller Co., Elizabeth, N. J.

5753a—*Hammers (Chain Oliver)

Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*

5754—Hammers (Chain Welding)

Vaughn Machinery Co. (Foot & Power), Cuyahoga Falls, Ohio.
See adv index at end of book

5755-6— Hammers (Chipping)

Chicago Pneumatic Tool Co. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Coates Clipper Mfg. Co. (Electric), Wor-cester, Mass.
Eagle Tool Works, Bayonne. N. J.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Griffith Tool Works ("Machinists," etc.), 521 Market, Phila., Pa.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.

Hammers (Claw)

See Hammers, Nail

Hammers (Concrete Bush)

See Hammers, Bush

5757—Hammers (Concrete Tooling)

Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Ransome Concrete Machinery Co., Dun-ellen, N. J.

5758—Hammers (Confectioners')

Walker C. S. & Co. (And Hatchet Com-bined), 656 W 12th, Erie, Pa.

5759— Hammers (Coopers')

Drew C. & Co., Kingston, Mass.
Griffith Tool Works (Solid Forged), 521 Market, Phila., Pa.
MORE-JONES BRASS & METAL CO., B'way & Dock, St. Louis, Mo.
See adv index at end of book
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Warren Tool & Forge Co. (Handled), War-ren, O. *See adv index at end of book*
White L. & I. J. Co., 120 Columbia, Buf-falo, N. Y.

5760-1-2— Hammers (Copper)

Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
Graham Jas. & Co., New Haven, Conn.
Hungerford U. T. Brass & Cooper Co., 80 Lafayette, New York
McNab & Harlin Mfg. Co., 55 John, New York
Merchant & Evans Co., Washington av & 21st, Phila. Pa.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.

5762—*Hammers (Doubling)

Aetna Foundry & Machine Co. (For Sheet Steel), Warren, O.
See adv index at end of book

Hammers (Drilling)

See Hammers, Heavy

5763— Hammers (Drop)

See also Presses, Drop
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Steam), South Bethlehem, Pa.
Billings & Spencer Co. ("B. & S."), Hart-ford, Conn.
BLISS E. W. Co., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., ("Bell"), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cady Machine Co., Cleveland, O.
Canton Foundry & Machine Co. ("Uni-versal," for Sheet Metal Dies), Canton, O.
Chambersburg Engineering Co. (Steam), Chambersburg, Pa.
Coulter & McKenzie Machine Co., Bridge-port, Conn.
Erie Foundry Co. ("Erie," Steam), 12th & Cranberry, Erie, Pa.
Henderson Machine Co., 5032 German-town av, Phila., Pa.
Kane & Roach, Syracuse, N. Y.
Massillon Foundry & Machine Co. ("Mas-sillon" Steam), Massillon, O.
Meriden Press & Drop Co. ("Merriman" Drop, Heavy Forged), Meriden, Conn.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York.
See adv index at end of book
Miner & Peck Mfg. Co. ("Peck"), Derby, Conn.
Morgan Engineering Co., Alliance, Ohio
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Perkins Machine Co. (Hand Power & Compressed Air), Warren, Mass.
Ryerson, Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
Standard Machinery Co., Providence, R. I.
Toledo Foundry & Machine Co., Dept. H, Toledo, O.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Williams, White & Co. (Crank Lift & Twin Drop), Moline, Ill.

5764—Hammers (Drop Forged)

Champion Tool Co., Meadville, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Vlchek Tool Co. ("Vlchek"), 3000H E 87th, Cleveland, Ohio

5765— Hammers (Electric)

Chicago Pneumatic Tool Co. ("Little Giant"), 6 E 44th, New York
See adv index at end of book
Electro & Magnetic Tool Co. (For Drilling, Chipping & Surfacing of Concrete, Brick, Stone), 2902 Carroll, Chicago, Ill.
Manitowoc Electric Implement Co., Mani-towoc, Wis.

5766—Hammers (Engineers' or Plow)

Champion Tool Co. ("Champion"), Mead-ville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Ketler-Elliott Co. ("Ketoco" Engineers), 31st & California, Chicago, Ill.
Maydole David Hammer Co., Norwich, N. Y.
Vlchek Tool Co. ("Vlchek," Set), 8701 Mt. Auburn, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (Hand), Warren, O. *See adv index at end of book*

5767—Hammers (Farriers' & Horseshoers')

Champion Tool Co. ("Clean Claw," "Cri-tics," "Standard," "Scotch," "Driv-ing," "Maud S" Rounding Electric & "Mallery" Sharpening for Anvils), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Griffith Tool Works (Solid Forged), 521 Market, Phila., Pa.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Maydole David Hammer Co. ("Tarriers" Only), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.

5768—Hammers (Foot Power)

Vaughn Machinery Co. (Chain Welding), Cuyahoga Falls, O.
See adv index at end of book
Vulcan Iron Works Co. ("Vulcan"), Ma-son City, Ia.

Hammers (Granite Cutters')

See Hammers, Stone Cutters'

5769—Hammers (Heavy, Blacksmiths', Mauls, Etc.)

Beall Bros. (Flatters, Set, etc), Alton, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris (Hand Made), Trenton, N. J.
Heller Brothers Co., 870 Mt. Prospect av., Newark, N. J.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Iron City Tool Works, Ltd., 3201 Small-man, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., 13th & Breed, Pitts-burgh, Pa.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (Hand, Striking & Napping), Warren, O.
See adv index at end of book
WARWOOD TOOL CO., 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co., What Cheer, Ia.

5770— Hammers (Helve)

Armstrong Mfg. Co. ("Helva"), Waterloo, Ia.
Bradley C. C. & Son (Cushioned), Syra-cuse, N. Y.
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.

HAMMERS (HELVE)—continued
Long & Allstatter Co. (Adjustable Cushioned, Belt, Motor or Steam Driven), Hamilton, O.
Niles-Bement-Pond Co. (Rubber Cushioned), 111 B'way, New York
WEST TIRE SETTER CO. ("Rochester"), Rochester, N. Y.
Williams White & Co., Moline, Ill.

5771—Hammers (Interchangeable)

Greene, Tweed & Co. ("The Colvin," with Rawhide, Wood or Copper Head), 109 Duane, New York

5772— Hammers (Justice)

Williams, White & Co., Moline, Ill.

5773—*Hammers (Lead & Alloy)

Rebele L. J. Church & Fulton, New York
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5774—*Hammers (Locomotive Frame Welding)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Griffith Tool Works (Ball Pin, etc.), 521 Market, Phila., Pa.
Morgan Engineering Co., Alliance, Ohio

5775—Hammers (Macadamizing)

Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book

5776—Hammers (Machinists')

Beall Bros., Alton, Ill.
Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Chicago Tool & Kit Mfg Co., 12 N Market, Chicago, Ill.
Cushman Auto Tool Co., Champaign, Ill.
Evansville Tool Works, Evansville, Ind.
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.
Ketler-Eliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Smith H. D. & Co. ("Perfect Handle" Drop Forged), Plantsville, Conn.
Stanley Rule & Level Plant, New Britain, Conn.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W. Cleveland, O.
Thomson Drop Forge Co. (Ball Pein, Octogon), Plantsville, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Vlchek Tool Co. ("Vlchek" Ball Pein, Drop Forged), 8701 Mt. Auburn, Cleveland, Ohio
Warner-Hammer Co., Cromwell, Conn.
Westfield Plate Co. (Lead), Thompsonville, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

5777—Hammers (Magnetic Tack, Etc.)

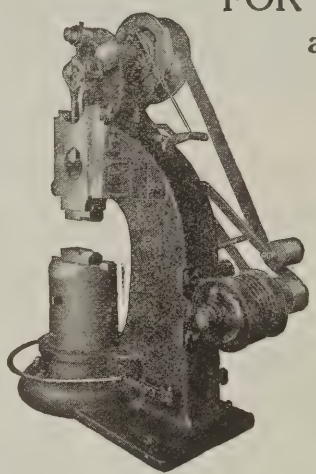
Arcade Mfg. Co., Freeport, Ill
Robertson Arthur R. ("Horseshoe Magnet" Tack, Bill Posters, etc), 144 Oliver, Boston, Mass.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.

5778—Hammers (Masons' & Bricklayers')

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Beall Bros., Alton, Ill.
Black John B. Co. (Also Bricklayers'), Chester, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co. (Brick), 1002 Cass av, St. Louis, Mo.
Drew C. & Co., Kingston, Mass.
Evansville Tool Works, Evansville, Ind.
Griffith Tool Works (Adze Eye, Brick), 521 Market, Phila, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.

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Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plomb Tool Mfg., 2209 Santa Fe av, Los Angeles, Cal.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Stanley Rule & Level Plant, New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Vlchek Tool Co. ("Vlchek" Drop Forged), 8701 Mt. Auburn av, Cleveland, O.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Warner-Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (With Teeth), Warren, O. *See adv index at end of book*
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

5779— Hammers (Mill)

Boker Cutlery & Hardware Co. ("Alsteel"), 101 Duane, New York
Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.

5780— Hammers (Nail)

Arcade Mfg. Co. (Cast), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Never-Slip"), 6126 S La Salle, Chicago, Ill.
Cheney Henry Hammer Co. ("Cheney"), Little Falls, N. Y.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Cushman Auto Tool Co (Claw) Champaign, Ill.
Evansville Tool Works, Evansville, Ind.
Franklin Brass Foundry Co. ("Cracker Jack" Nickel Plated), Reading, Pa.
Griffith Tool Works, 521H Market, Phila., Pa.
Hammond C. & Son, Ogontz, Pa.
Maydole David Hammer Co., Norwich, N. Y.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sargent & Company, New Haven, Conn.
Stanley Rule & Level Plant, New Britain, Conn.
Stover Mfg. & Engine Co. ("Ideal," Cast), Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Van Doren Mfg. Co. ("Vandor Drop Forged"), Chicago Heights, Ill.
Vaughn & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Warner Hammer Co., Cromwell, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven. Conn.

Hammers (Napping)

See Hammers, Heavy

5781— Hammers (Pavers')

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Flynn & Emrich Co. ("Huber" Hand), 305 N Holliday, Baltimore, Md.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Western Tool & Forge Co., Brackenridge, Pa.

5782— Hammers (Piano)

Boston Piano Supply Co., B'way, Boston, Mass.
Crane Felt Mfg. Co., Belvidere, N. J.
Schmidt David H. Co., Poughkeepsie, N. Y.
Standard Felt Co., Alhambra, Cal.

5783-4—Hammers (Pile Drivers')

American Hoist & Derrick Co., St. Paul, Minn.
Bartlett A. F. & Co. ("Cram" Steam Hammer), Saginaw, Mich.
Browning Co., E 162nd & Waterloo rd, N. E., Cleveland, O.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Goubert A. A., 90 West, New York
Industrial Works (Steam), Bay City, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
McCoy Henry J. ("New Monarch" Automatic Double Acting), 65 Dey, New York
McKIERNAN-TERRY DRILL CO., 17 Park row, New York
See adv index at end of book
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Murray Bros. Machine Works, 231-233 Folsom, San Francisco, Cal.
National Hoisting Engine Co., Harrison, N. J.
National Iron Co., Duluth, Minn.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Union Iron Works ("Arnott" Steam), Hoboken, N. J.
Vulcan Iron Works ("Warrington" Steam & Drop), 327 N Irving av, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kans.

5785—Hammers (Plumbers')

Bernz Otto, 17-37 Ashland, Newark, N. J.
Buffum Tool Co. ("Swastika," Calking, etc), South Side, Louisiana, Mo.

5786— Hammers (Power)

See also Hammers, Steam

BEAUDRY & CO., INC. ("Champion" Belt or Motor Driven), 43 Bromfield, Boston, Mass. *See adv index at end of book*

Bellefonte Engineering Co., Bellefonte, Pa.
Bradley C. C. & Son, Syracuse, N. Y.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Central Machine Works Co. (The "Force"), 1234 Central av, Minneapolis, Minn.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Dienelt & Eisenhardt ("Dead Stroke" Spring), 1304 N Howard, Philadelphia, Pa.
Fairbanks Co. ("Fairbanks"), 416 Broome, New York
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
Howe Scale Co., Rutland, Vt.
Iowa Steel & Iron Wks., Cedar Rapids, Ia.
Justice Philip S. & Co. ("Justice" Spring), 421 Chestnut, Phila., Pa.
Little Giant Co. ("Little Giant"), Belt & Motor Driven, Mankato, Minn.
Kane & Roach, Syracuse, N. Y.
Kerrihard Co. ("Kerrihard"), Red Oak, Iowa
Leonhardt Chas. ("Leonhardt" Adjustable), New Ulm, Minn.
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Moloch Co., Kaukauna, Wis.
Nazel Engineering & Machine Works ("Nazel" Belt or Motor Driven), 4049 N 5th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Quickwork Co. ("Quickwork"), St. Mary, Ohio
Scranton & Co., New Haven, Conn.
Toledo Foundry & Machine Co., Dept. H, Toledo, O.
United Hammer Co. ("Fairbanks"), 45 Brownfield, Boston, Mass.
Vaughn Machinery Co. (For Making Chain Only), Cuyahoga Falls, O.
See adv index at end of book
Vulcan Iron Works Co. ("Vulcan"), Mason City, Ia.
Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.

5787-8—Hammers (Prospecting)

Stanley Rule & Level Co. (Athos Division), New Britain, Conn.
Maydole David Hammer Co., Norwich, N. Y.
Warner Hammer Co., Cromwell, Conn.

Hammers (Rawhide)

See Mallets, Rawhide

5789— Hammers (Riveting)

See also Pneumatic Riveters
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion"), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Chicago Pneumatic Tool Co. ("Boyer"), 6 E 4th, New York
See adv index at end of book
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffith Tool Works (Solid Forged), 521 Market, Phila., Pa.
Hammond C. & Son, Ogontz, Pa.
High Speed Hammer Co., Inc., (Elastic Blow), 313 Norton, Rochester, N. Y.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Plomb Tool Mfg., 2209 Santa Fe av, Los Angeles, Cal.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Stanley Rule & Level Plant, New Britain, Conn.
Vlchek Tool Co. ("Vlchek" Tinners', etc.), 3000H E 87th, Cleveland, Ohio
Warner-Hammer Co., Cromwell, Conn.
Williams White Co., Moline, Ill.

5790—Hammers (Rotary Riveting)

High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
Williams White & Co., Moline, Ill.

5791—Hammers (Saddlers' & Trimmers')

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book

5792—Hammers (Saw Makers)

Columbus Anvil & Forging Co., Columbus, Ohio
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

5793—Hammers (Saw Setting)

Bishop George H. & Co., Lawrenceburg, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Fisher & Norris, Trenton, N. J.
Hanchett Swage Works, Big Rapids, Mich.
Menominee Saw Co., Menominee, Mich.
SIMONDS MFG. CO., Fichburg, Mass.
See adv index at end of book
Van Doren Mfg. Co. (Drop Forged), Chicago Heights, Ill.

5794—Hammers (Shoemakers')

Champion Tool Co., Meadville, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffith Tool Works, 521 Market, Phila., Pa.
Kupferle John C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Reading Saddle & Mfg. Co. ("Reading" Cast), Reading, Pa.
Sargent & Co., New Haven, Conn.
Standard Shoe Machinery Co., Lawrence, Mass.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightville Hardware Co., Wrightville, Pa.

5795— Hammers (Slaters')

See also Tools, Slaters
Anderson, W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Belden Machine Co., New Haven, Conn.
Emrich Phil, 824 Main, Cincinnati, O.
Evansville Tool Works, Evansville, Ind.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

5796— Hammers (Spring)

Dougherty Smith Phillips Co. ("Phillips"), 502 W Division, Chicago, Ill.
Williams, White & Co. ("Justice" Upright), Moline, Ill.

5797— Hammers (Steam)

See also Hammers, Power
Alliance Machine Co., Alliance, O.
Bellefonte Engineering Co., Bellefonte, Pa.
Bethlehem Steel Co. (Drop), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO. ("Bell"), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Chambersburg Engineering Co. (Single & Double Frame), Chambersburg, Pa.
Erie Foundry Co. ("Erie," Single & Double Frame), 12th & Cranberry, Erie Pa.
Ironton Punch & Shear Co., Ironton, O.
Kline Lewis T., Alpena, Mich.
McDougall & Potter Co., 606 W 55th, New York
Massillon Foundry & Machine Co. ("Massillon" Forge), Massillon, O.
Morgan Engineering Co. (Single & Double Stand), Alliance, Ohio
Niles-Bement-Pond Co. (Single, Double & Open Frame), 111 B'way, New York
Dudgeon Richard, 24 Columbia, New York
Ryerson, Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Toledo Foundry & Machine Co., Dept. H, Toledo, Ohio

5798—Hammers (Stone Cutters')

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Beall Bros., Alton, Ill.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein, Logan Co., 13th & Breed, Pittsburgh, Pa.
Livingston Mfg. Co., Rockland, Me.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Phillips F. & Son, 1336 Greenmount av., Baltimore, Md.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Trow & Holden Co., Barre, Vt.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Vulcan Tool Mfg. Co., Quincy, Mass.
Warner-Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

Hammers (Striking)

See Hammers, Heavy

5799— Hammers (Tack)

Arcade Mfg. Co. (Cast Claw, etc), Freeport, Ill.
Cassady Fairbank Mfg. Co ("Neverslip" Twisted Wire Handle), 6126 S La Salle, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Henry John T. Mfg. Co., Hamden, Conn.
Kilborn & Bishop Co. ("K. & B."), 194 Chapel, New Haven, Conn.
Landers, Frary & Clark, New Britain, Conn.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Robertson Arthur R. ("Horseshoe Magnet"), 144 Oliver, Boston, Mass.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Plant, New Britain, Conn.
Stover Mfg. & Engine Co. (Cast), Freeport, Ill.
Vaughan & Bushnell Mfg. Co. (Adze Eye Drop Forged), 2114 Carroll av, Chicago, Ill.
Warner Hammer Co., Cromwell, Conn.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightsville Hardware Co. ("Brighton," "L. & S. I. Co."), Wrightsville, Pa.

5800—Hammers (Tanners' Marking)

Emrich Phil, 824 Main, Cincinnati, O.

5801—Hammers (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
Warner Hammer Co., Cromwell, Conn.

5802— Hammers (Tinners')

See also Hammers, Riveting
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cheney Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Griffith Tool Works (Solid Forged), 521 Market, Phila., Pa.
Maydole David Hammer Co., Norwich, N. Y.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Peck, Stow & Wilcox Co. (Riveting, Setting, etc), Southington, Conn.
Plomb Tool Mfg., 2209 Santa Fe av, Los Angeles, Cal.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Warner Hammer Co., Cromwell, Conn.

Hammers (Tire Welding)

See Tire Welding Machines

5803— Hammers (Trip)

See also Hammers, Power
BEAUDRY & CO., INC., 43 Bromfield, Boston, Mass. *See adv index at end of book*
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
United Hammer Co. ("Fairbanks"), 45 Bromfield, Boston, Mass.

5804—Hammers (Upholsterers')

See also Hammers, Tack
Arcade Mfg. Co., Freeport, Ill.
Dicke Tool Co., Downers Grove, Ill.
Kraeuter & Co., 583 13th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brener, Newark, N. J.
OSBORNE C. S. & CO. (Also Trimmers), Box 183 Newark, N. J.
See adv index at end of book
Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Tully John J., Louisville, Ky.
Vlchek Tool Co. ("Vlchek"), 8701 Mt. Auburn av, Cleveland, O.
Williams A. C. Co. (Cast), Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

5804a—*Hammers (Upholsterers' & Trimmers')

OSBORNE C. S. & CO., Box 183, Newark, N. J. *See adv index at end of book*

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5805— Hammers (Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Williams, White & Co. ("Yeakley"), Moline, Ill.

5806— Hammock Mfrs.

Altland Alfred D., Dillsburg, Pa.
Barcalo Mfg. Co. (Couch), 225 Louisiana, Buffalo, N. Y.
Beverly Textile Mills, Beverly, N. J.
Bickford Bros. Co., Rochester, N. Y.
Brooks Tent & Awning Co. ("Nantucket" Couch), Denver, Colo.
Carnie-Goudie Mfg. Co., 22d & Grand av, Kansas City, Mo.
Chicago Hammock Co. (Cotton Woven), 523 N Union av., Chicago, Ill.
Cream City Net Co., 1076 Grove, Milwaukee, Wis.
Excelsior Bag & Mfg. Co. ("Idle Hour" & "Excelsior" Couch), Troy, N. Y.
Fulton Bag & Cotton Mills (Canvas), Atlanta, Ga.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gold Medal Camp Furniture Mfg. Co., ("Knowlton," Swinging & Hammock Combined), Racine, Wis.
Goodall Hammock Co. (Cotton), Westbrook, Me.
Hettrick Mfg. Co. (Couch), Toledo, O.
Hoffman-Corr Mfg. Co. ("Lion"), 312 Market, Phila., Pa.
Hohlfeld Mfg. Co., 10th & Allegheny, Phila., Pa.
Hough Shade Corporation, **Janesville, Wis.**
La Crosse Hammock Works, **La Crosse,** Wis.
N. Y. Couch Bed Co. ("Romelink" Couch), Meadow & Anable av, **L. I.** City, N. Y.
Olmsted & Tuttle Co. (Cot Hammocks), Chicopee, Mass.
Palmer I. E. Co., Middletown, Conn.
Patterson Mfg. Co. (also Couch Hammocks), E Indiana cor A, Phila., Pa.
Rowe E. L. & Son ("Gloucester"), Gloucester, Mass.
St. Charles Net & Hammock Co., St. Charles, Ill.
Shoyer D. W. & Co. ("Acme"), 394 B'way, New York
Tennessee Line & Twine Co. (Cotton), Elizabethton, Tenn.
Warren Mfg. Co. (Cotton), Warren, Md.
Western Hammock Co., La Cosse, Wis.
Wheeler & Wilson ("North Shore" Bed), 15 Merchants row, Boston, Mass.

5806a— Hampers (Clothes)

See also Baskets (Clothes)

Steinfeld Bros. (Willow), 116 W 32nd, New York
Wolf, Greenspan & Sons ("Qualityware"), 688 Grand, Brooklyn, N. Y.

5807—Hand Rests for Lathes

American Tool & Machine Co., 10 High, Boston, Mass.

5808— Handcuffs & Twisters

Barnard Geo. D. & Co. ("Cummings"), Laclede & Vandeventer, St. Louis, Mo.
Mattatuck Mfg. Co. (Maltby Division, "Mattatuck"), Waterbury, Conn.
Peerless Handcuff Co. ("Peerless" Light weight), Springfield, Mass.
Union Hardware Co., Torrington, Conn.

5809—*Handkerchiefs (Bandanna)

Passaic Print Works, Passaic, N. J.

5809a— *Handle Scales

Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*

Handles (Agricultural Tool)

See Handles, Farm Tool

Handles (Air Brake)

See Handles, Brake or Controller

5809b—Handles (Artists' Brush)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Ash)

See Handles, Farm Tool, Ash

5810— Handles (Auger)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Canfield Mfg. & Novelty Co., **Canfield, O.**
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Everstick Anchor Co., 1624 **N 8th, St.** Louis, Mo.
Irwin Auger Bit Co., Wilmington, O.
Millers Falls Co. ("Rogers," **Gun's Ratchet), 28 Warren, New York**
O'Neill J. H. Jr., Pawtucket, R. I.
Peck, Stow & Wilcox Co. **("Peck's" Patent), Southington, Conn.**
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Southington Mfg. Co., **Southington, Conn.**
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Swan James Co. ("Swan's"), **Seymour,** Conn.

5811—Handles (Automobile)

Bonney Forge & Tool Works, Allentown, Pa.
Bassick Co. (Door & Hood), 28H Austin, Bridgeport, Conn.
Rubber & Celluloid Products Co. (Rubber Covered), Newark, N. J.
Smith, Joseph N. & Co. (Door), 2461 E Grand blvd, Detroit, Mich.
Vahan Products Co., 73rd & St. Clair, Cleveland, O.

5811a—Handles (Automobile Crank)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Brandywine Fibre Products Co. (Vulcanized Fibre Tubing), E, Wilmington, Del. *See adv index at end of book*
Continental Fibre Co. (Baskelite-Dilecto Fibre), Newark, Del. *See adv index at end of book*
Delaware Hard Fibre Co. (Hard Fibre), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, **New York** *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5812— Handles (Awl)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Axe)

See Handles, Hickory

5813—*Handles (Baby Carriage)

Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5813a— Handles (Balance)

Williams J. H. & Co. ("Vulcan" Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

5814— Handles (Bark Spud)

American Logging Tool Co., Evart, Mich.

5814a—Handles (Basket)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New *See adv index at end of book*
Maney W. F. (Wire), Geneva, N. Y.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814b—Handles (Bell)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814c— Handles (Bicycles)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814d—*Handles (Bill Poster)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814e— Handles (Bit Brace)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A., & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814f— Handles (Bit, Malleable Iron)

Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.

5815—Handles (Boiler, Ash & Milk Can, Etc.)

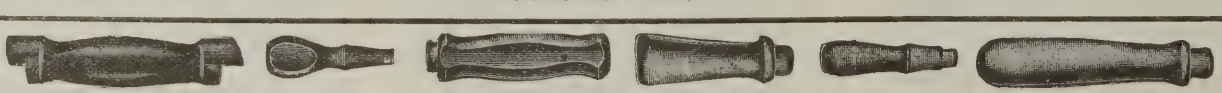
Adams Co. (Boiler), Dubuque, Ia.
Arcade Mfg. Co., Freeport, Ill.
Automatic Wire Goods Mfg. Co. (Can Only), 13-15 Canal pl, New York
Berger Bros. Co. ("Keystone"), **229 Arch,** Phila., Pa.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Campbell Wire Specialty Works (Wire), South Bend, Ind.
Clark W. J. Co., Salem, O.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Klauer Mfg. Co., Dubuque, Ia.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Stanley Works, New Britain, Conn. *See adv. index at end of book.*
Stiles, H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stover Mfg. & Engine Co. ("Ideal"), **Freeport, Ill.**
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Weller Hdw. & Foundry Co. (Or Milk Can), Horseheads, N. Y.
Wickwire Spencer Steel Corp (Ash Can, Basket & Tub, Galvanized), Worcester, Mass. *See adv index at end of book*
Wrightsville Hardware Co., Wrightsville, Pa.

5816— Handles (Bone)

Armour & Co., 208 S La Salle, Chicago, Ill.
Randolph Wm. C. (Whisk Broom, etc), 213 Arch, Phila., Pa.
Rogers Mfg. Co, Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Winterbottom Carter & Co., Egg Harbor City, N. J.

5816a— Handles (Box)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Stanley Works, New Britain, Conn. *See adv index at end of book*
Waterbury Button Corp., 831 So. Main, Waterbury, Conn. *See adv index at end of book*



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5817—Handles (Brake or Controller)

See also Wheels, Rachet Brake.

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Baker John S. ("Beverly," Ratchet-Clutch), Beverly, Mass.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Brill, J. G. Co. (Brake), 62nd & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co. ("Lindstrom," "Pittsburgh," Gravity, etc.), Dayton, O.
Electric Service Supplies Co. ("Golden Glow" Automotoneer, "Lock-On"), 17th & Cambria, Phila., Pa.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Hamilton Wm. Sons Car Co., Newark, O.
Lord Electric Co. ("Cosper"), 105 W 40th, New York
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Safety Car Devices Co., Boatmen's Bk. bldg, St. Louis, Mo.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

5818— Handles (Broom)

American Broom & Brush Co., Amsterdam, N. Y.
Amsterdam Broom Co., Amsterdam, N. Y.
Anchor Saw Mills Co., Memphis, Tenn.
Antigo Mfg. Co., Antigo, Wis.
Auburn Handle Co. Auburn, Ind.
Bayless Mfg. Co., Memphis, Tenn.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Boggs Broom Corn Co. (Maple), 1206 N Main, St. Louis, Mo.
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Brinser E. C. Sons, Richmond, Va.
Cadillac Handle Co., Cadillac, Mich.
Columbus Sucker Rod Co., Columbus, O.
Crook Son & Co., Hicksville, O.
Ellis & Smith, Bleecker, N. Y.
Escanaba Mfg. Co., Escanaba, Mich.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

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Hardwood Parlor, Warehouse and Toy Broom Handles. Carpet Sweeper Handles. Mop Handles. Plain, Polished or Enameled.
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Green River Chair Co., Livermore, Ky.
Haskew, S. T. W. Co. ("Haskew"), Dept. H, Jackson, Tenn.
Indiana Wood Products Co., Spencer, Ind.
Jackson & Tindle, Buffalo, N. Y.
Jones B. E. Mfg. Co., Alba, Mich.
Lee Broom & Duster Co., Lincoln, Neb.
Lobdell Emery Mfg. Co., Onaway, Mich.
Northern Wood Products Co. ("Haroma" Hard Rock Maple), Dept. H, Glidden, Wis.
Olds & Hixson, Vanderbilt, Mich.
Piqua Handle & Mfg. Co. (Regular Finish & High Grade French Polish Finish, Stained, all Colors or Natural Wood), P O Box 307, Piqua, O.
Rugg Mfg. Co. (Brush Mop), Greenfield, Mass.
St. Louis Broom Supply Co., 206H N 1st, St. Louis, Mo.
Standard Churn Co., Wapakoneta, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton D. A. Co., Atlantic Mine, Mich.
Turner T. J., Marked Tree, Ark.
Washington Handle Co. (Fir), Dept. H, Tacoma, Wash.
Westcott J. D. & Son, Richwood, W. Va.
White Wood Products Co., Dept. H, Crotherville, Ind.
Willey O. H. Bryan, O.

5819— Handles (Brush)

Bogert & Hopper, Inc. (Printer, etc), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Artists', Painters' & Shoe), 364 5th av, New York *See adv index at end of book*
Fuller, J. J., Westfield, Mass.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Pierce F. B. Co., Keene, N. H.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*

5820—Handles (Cane, Parasol & Umbrella)

Ackerson S., 10 E 15th, New York
Bernheimer & Blumenthal Co., Inc., 138 W 14th, New York
Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes, E. B. & Sons, 5th av, New York *See adv index at end of book*
Levine P. & Co. (Gold & Silver), 247 Centre, N. Y.
Luxenberg & Haskell (Gold, Silver & Wood), 122 Centre, New York
Musser H. M. (With Gold & Silver Mounts), Lancaster, Pa.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5821—Handles (Canthook & Peavey)

American Logging Tool Co., Evart, Mich.
Brinser E. C. Sons, Richmond, Va.
Columbus Handle & Tool Co., Columbus, Ind.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
Hartwell Handle Co., Harvey, Ill.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Concrete Machinery So., Dunellen, N. J.
Ransome Mixer Co., 165 B'way, New York
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strock L. W. & Co., Bethlehem, Pa
Titusville Handle Co., Titusville, Pa.
Windham Handle Co., South Windham, Conn.

5822—Handles (Car Coupling)

Handlan-Buck Mfg. Co. ("Bishop"), 210-14 N 3d, St. Louis, Mo.

5823—Handles (Carpet Sweeper)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5824—Handles (Carriage Door)

Attwood Brass Works, Grand Rapids, Mich.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Stanley Works, New Britain, Conn. *See adv index at end of book*

5825— Handles (Chest)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Brainerd Mfg. Co., East Rochester, N. Y.
Carondelet Foundry Co., 2123 S Kingshighway, St. Louis, Mo.
Champion Hardware Co. ("Champion"), Geneva, O.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Lawrence Bros., Sterling, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn. *See adv index at end of book*
Stover Mfg. & Engine Co. (Surface & Flush Patterns), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn. *See adv index at end of book*
Weber-Knapp Co. (Brass, etc), Jamestown, N. Y.
Weller Hardware & Fdry. Co., Horseheads, N. Y.
Wrightsville Hardware Co. (Surface), Wrightsville, Pa.

5826— Handles (Chisel)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Frindt O. K. A. (Paper), 3932 N Kedzie, Chicago, Ill.
Fuller J. J., Westfield, Mass.
Gallup Ruffing Handle Co. (Leather Head & Plain), Norwalk, O.
O'Neill J. H. Jr., Pawtucket, R. I.
Piqua Handle & Mfg. Co. (Leather Head & Plain, also Butt Chisel Handles), P O Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
STILES H. A. & CO. ("Hasco Brand"), **93-97 Oliver, Boston, Mass.** *See adv index at end of book*
Stossel Carl Sons & Co., Front Royal, Va.

5827— Handles (Churn)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5827a—Handles (Circuit Breaker)

See Handles, Also Electric Switch

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5827b— Handles (Cleaver)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5827c—Handles (Coffin and Casket)

Casket Hardware Mfg. Co., 820 W Warren, Detroit, Mich.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn. *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Westfield Plate Co., Thompsonville, Conn.

Handles (Controller Regulating)

See Handles, Brake or Controller

5828— Handles (Cooler)

Grey Iron Casting Co., Mt. Joy, Pa.

5829— Handles (Cork)

Armstrong Cork Co. (For Fishing Rods, Golf Sticks, etc), 24th & A. V. R. R. Pittsburgh, Pa.

5829a— *Handles (Cork Screw)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5830— Handles (Crank)

Backstay Machine & Leather Co., Union City, Ind.
BOGERT & HOPPER INC. (Wood), 57 Barclay, New York *See adv index at end of book*
Bonney Forge & Tool Works, Allentown, Pa.
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd., Cleveland, O.
Economy Stay Co. (Leather), Jefferson City, Mo.
Estes E. B. & Sons (Phonograph Crank), 364 5th av, New York *See adv index at end of book*
Fesser Frank S. Co. ("Superior"), 1033 Shelby, Indianapolis, Ind.
Gallup Ruffing Handle Co., Norwalk, O.
Gilbert Mfg. Co. ("Gilbert"), New Haven, Conn.
Nathan Novelty Mfg. Co., 55 5th av, New York.
Niagara Auto Radiator Co., 151 W 68th, New York
Perkins-Campbell Co. ("Campbell"), 622 B'way, Cincinnati, O.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Premier Auto Novelty Mfg. Co., 149 Chambers, New York
Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Sutherland F. L. Co., 139 Beaubien, Detroit, Mich.
Williams J. & Co. ("Vulcan" Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

5831— Handles (Currycomb)

BOGERT & HOPPER, INC. (Wooden), 57 *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5831a— Handles (Cutlery)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Celluloid Co., 36 Washington Pl., New York

HANDLES (CUTLERY)—continued
DU PONT E. I. DE NEMOURS & CO., INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons (Knife, Putty Knife, &c., Cleaver), 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5832— Handles ("D")

American Mfg. Co. (Iron, Wood & Steel), Chattanooga, Tenn.
Anchor Saw Mill Co., Memphis, Tenn.
Piqua Handle & Mfg. Co. (Split), P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5832a— *Handles (Damper)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, **New York** *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5832b—*Handles (Detachable Tool)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5832c— *Handles (Die Stock)

Standard Parts Co. (Tubular), Cleveland, Ohio

5832d— Handles (Dipper)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5832e— Handles (Dish Mop)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5832f—Handles (Door, Drawer, etc.)

See also Pulls, Door, & Pulls Drawer
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn. *See adv index at end of book*

5833— Handles (Drop)

Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Northwestern Stamping Co. (For Washing Machines), Burlington, Iowa
Penn Hardware Co., Reading, Pa.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

5833a— *Handles (Ebony)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5834—Handles (Electric Switch)

Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
American Enamel Co., Providence, R. I.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Auburn Button Works, Auburn, N. Y.
BOGERT & HOPPER, INC. (Wooden), 57 Barclay, New York *See adv index at end of book*
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp., 25 W 45th, New York
McGILL MFG. CO., 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Mossman Jerome (Est. of), Fitchburg, Mass.
Narragansett Mach. Co. (Wood), Providence, R. I.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

Established 1847 **E. B. ESTES & SONS** **Manufacturers of**

TOOL HANDLES—SMALL, PLAIN OR FANCY POLISHED AND ENAMELED HANDLES IN NATIVE AND FOREIGN WOODS

364 5th Avenue **New York City**

Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Novelty Turning Co. (Wood), Norway, Me.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Scranton Button Co. (Electroid), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Union Hardware Co., Torrington, Conn.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

5835—Handles (Emery Wheel Dresser)

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*

5836—Handles (Enameled Wood)

Baker, McMillen Co., Akron, O.
BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Fuller J. J., Westfield
Gibbs W. F. Mfg. Co., New Haven, Conn.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Sun Enamel Works (For Electric Switch, Rubber Stamp, Knife Knob, etc), Leominster, Mass.

5837— Handles (Fan)

Bliss Mfg. Co. (Soft Wood), Bliss, N. Y.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5838—Handles (Farm Tool, Ash)

(FORK, SHOVEL, SPADE, RAKE, ETC.)
See also Handles, Wood
Alexander Geo. E. & Son (Fork), Sunapee, N. H.
American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Anchor Saw Mills Co. (Fork), Memphis, Tenn.
Brinser E. C. Sons, Richmond, Va.
Derby & Ball (Fork), Bellows Falls, Vt.
Cadillac Handle Co., Cadillac, Mich.
Carrier Lbr. & Mfg. Co., Sardis, Miss.
Columbus Handle & Tool Co., Columbus, Ind.
Crook Son & Co., Hicksville, O.
Dayton Handle & Golf Co., Dayton, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
I. X. L. Handle Mfg. Co., Dexter, Mo.
Jonesboro Handle Co., Jonesboro, Ark.
Lewiston Handle Co. (Shovel & Spade), Lewiston, Me.
Marion Handle & Mfg. Co., Marion, Ind.
Piqua Handle & Mfg. Co., P. O. 307, Piqua, O.
Smith J. W. (Scythe), Dept. H, Luxora, Ark.
Standard Churn Co. (Fork), Wapakoneta, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strock L. W. & Co., Bethlehem, Pa.
Union Fork & Hoe Co., Columbus, O.
United Handle Mills ("Monarch"), 149 Broadway, New York
U. S. Handle Co., Piqua, O.
Willey, O. H., Bryan, O.

5839— Handles (File)

Allen Chas. L., Pequabuck, Conn.
Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Andrews Mfg. Co., 413 Commerce, Phila., Pa.
Baker, McMillen Co., Akron, O.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Buckeye Mfg. & Fdry Co. (Malleable), 2046 W 55th, Cleveland, O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Doane Mfg. Co. ("Doctor"), Allston, Mass.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Frindt O. K. A. (Paper), 3932 N Kedzie av, Chicago, Ill
Gallup Ruffing Handle Co., Norwalk, O.
Grover File Co., Nashua, N. H.
Lutz File Co. ("Lutz"), 806 Broadway, Cincinnati, O.
Mossman Jerome (Est. of), Fitchburg, Mass.
NICHOLSON FILE CO., Providence, R. I. *See adv index at end of book*
O'Neil J. H. Jr., Pawtucket, R. I.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Pittsburgh Gage & Supply Co., Dept. H, 30th & Liberty, Pittsburgh, Pa.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Robinson M. W. Co. ("Lock Jaw," "Rollis"), 296 B'way, New York
Rowe Henry Mfg. Co., Newaygo, Mich.
Sargent & Co., New Haven, Conn.
Smith J. B. (Jewelers, etc, Soft Wood, Plain & Hardwood Polished), Geneva, Ohio
Standard Turning Works, Cambridge, Mass.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
STILES H. A. & CO. ("Hasco Brand"), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Troy File Works ("Best"), Troy, N. Y.
Windham Handle Co. (Oak, Hickory & Ash), S Windham, Conn.

5839a—*Handles (Fishing Rod)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5839b—Handles (Fly Killer)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5840— Handles (Force Cup)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
STILES H. A. & CO. 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5840a—Handles (Garage Door)

Richards-Wilson Mfg. Co., Aurora, Ill.
Stanley Works, New Britain, Conn. *See adv index at end of book*

HANDLES FOR ANY PURPOSE

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5840a-1—Handles (Garden Floral Sets)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*

5840b— Handles (Garment)

Wickwire Spencer Steel Corp. (Folding), Worcester, Mass. *See adv index at end of book*

5840c— *Handles (Gas Cock)

Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5841— Handles (Gas Taper)

Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5841a— *Handles (Gimlet)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5841b—Handles (Grass Hook)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5842— Handles (Hammer)

American Handle Co. ("Ozark," "Chicot," "Bonnie," "American King"), Jonesboro, Ark.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canfield Mfg. & Novelty Co., Canfield, O.
Clark-Danforth Handle Co., Cairo, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Graves & Stamp (Hickory), Des Arc, Mo.
Harrison Supply Co. (Connecticut Hickory), 209 Washington, Boston, 9, Mass.
Hartwell Handle Co., Harvey, Ill.
Heiser J. B., Atwater, O.
Kile Mfg. Co., Akron, O.
La Pierre-Sawyer Handle Co., Jackson, Mo.
Medina Bending Works, Medina, O.
North American Handle Co., Fort Hill sq, Boston, Mass.
Peterson Samuel, Warren, Pa.
Piper B. H. Co., Manchester, N. H.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stossel Carl & Sons Co., Front Royal, Va.
Strock L. W. & Co., Bethlehem, Pa.
Thomasville Spoke Works Co., Thomasville, N. C.
Titusville Handle Co., Titusville, Pa.
Warner Hammer Co., Cromwell, Conn.
Warren Handle Works (Hickory, etc), Cortland, O.
Windham Handle Co., South Windham, Conn.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo. *See adv index at end of book*

5843— Handles (Hard Rubber)

Stokes Jos. Rubber Co. (Various Designs), Trenton, N. J.

5843a—*Handles (Hatchet, Pick, Plane, Etc)

Hartwell Handle Co., Harvey, Ill.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5844— Handles (Hay Knife)

Piqua Handle & Mfg. Co. (Corn & Grass Hook), P. O. Box 307, Piqua, O.
Stiles H. A. & Co. (& Fork), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5844a—*Handles (Hedge, Shear)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5845— Handles (Hickory)

(AXE, PICK, HAMMER, SLEDGE, ETC.)
See also Handles, Wood
American Handle Co., Jonesboro, Ark.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Brusher J. B., Norristown, Pa.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cadillac Handle Co., Cadillac, Mich.
Canfield Mfg. & Novelty Co., Canfield, O.
Carpenter & Bayles, 100 Walker, New York
Clark-Danforth Handle Co., Cairo, Ill.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Deutch Arthur, Savannah, Ga.
Dickinson Chas. W., Ypsilanti, Mich.
Esfile Mfg. & Supply Co., Toledo, Ohio
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fulkerson Bros. Handle Co. (Sledge), Puxico, Mo.
Gallup Ruffing Handle Co., Norwalk, O.
Graves & Stamp (Axes, Pick, Hatchet, Sledge, etc), Des Arc, Mo.
Hartwell Bros. (Oak Wood), Chicago Heights, Ill.
Hartwell C. L. & Co. (Jack Handles), Chicago Heights, Ill.
Hartwell Handle Co. ("Ajax," "Banner," "Eureka," "Eclipse," "Hawk," "Liberty," "Lincoln," "Star," "Wizard), Harvey, Ill.
Hickory Handle & Mfg. Co., Conover, N. C.
Ivory Handle Co., Hope, Ark.
I. X. L. Handle Mfg. Co. (Axe, Pick & Sledge), Dexter, Mo.
Keller & Tamm Mfg. Co. (Axe, Pick, Sledge), Victor & Levee, St. Louis, Mo.
Kelsey Horatio, Clinton, Conn.
Kile Mfg. Co. (Hammer, Hatchet & Tool), Akron, O.
Landis S. H. & Bro., Quakertown, Pa.
La Pierre-Sawyer Handle Co. (Axe, Pick & Sledge), Jackson, Mo.
Lewiston Handle Co. (Sledge), Lewiston, Me.
McCrillis Handle Co., Norwalk, O.
Minton T. W. & Son, Barbourville, Ky.
North American Handle Co., Fort Hill sq, Boston, Mass.
Peterson Samuel, Warren, Pa.
Piper B. H. Co., Manchester, N. H.
Prouty C. & Co. (Sledge), Eldred, Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.
Reuther-Scanlon Handle Co., Nashville, Tenn.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
STROCK L. W. & CO., Bethlehem, Pa.
Tatem J. B. & Son, Putnam, Conn.
Titusville Handle Co., Titusville, Pa.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
United Handle Mills ("Monarch"), 149 B'way, New York
Warren Axe & Tool Co., Dept. H, Warren, Pa.
Warren Handle Works (All Kinds), Cortland, O.
Willingham E. G. (Tool), Memphis, Tenn.
Windham Handle Co. (Axe, Pick, Hammer, etc), S Windham, Conn.
Worth H. P. & Co., 180 West, New York
Yingling Bros. & Co., Monroeville, O.
Zelnicker Walter A. Supply Co. ("Zelnicker' Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*
Zimmerman J. N., Owosso, Mich.

5845a—*Handles (Hollow Tool)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5845b—Handles (Horse Clipper)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5845c— Handles (Hydrant)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*

5846— Handles (Ice Hook)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5846a—Handles (Ice Pick & Ice Shave)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*

5847—Handles (Imitation Stag)

Rogers & Hubbard Co., Middletown, Conn.

5847a—Handles (Incandescent Lamp Guard)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5848— Handles (Insulated)

American Vulcanized Fibre Co. (Hard Fibre), 504 Equitable bldg, Wilmington, Del.
Brandywine Fibre Products Co. (Vul. Fibre Tubing), E. Wilmington, Del. *See adv index at end of book*
Continental Fibre Co. ("Bakelite-Dilecto," & Hard Fibre), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Bridgeport, Pa.
National Fibre & Insulation Co. (Vulcanized Fibre), Yorklyn, Del. *See adv index at end of book*
Spaulding J & Sons Co., Inc. (Hard Fibre), P. O. Box, 52 Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co., Miller St., Somerville, Mass.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn. *See adv index at end of book*
Wilmington Fibre Co. (Hard Fibre), Wilmington, Del.

5849— Handles (Ivory)

Grote F. & Hubbell Co., 82 4th av, New York
Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York
Tower Sylvester Co., Cambridge, Mass.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn. *See adv index at end of book*

5849a— Handles (Kettle)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5849b—Handles (Knife—Corn, Shoe, Kitchen, etc)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5849c— Handles (Ladle)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5850—Handles (Lather Brush)

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

Established 1847 **E. B. Estes & Sons** **Established 1847**

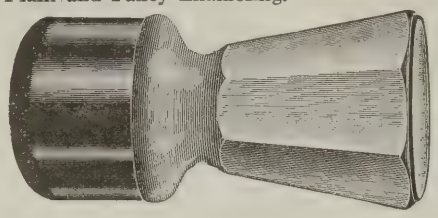


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HANDLES (LATHER BRUSH)—cont.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5851— Handles (Leather)

Badger Handle Co., 415-3rd, Milwaukee, Wis.
Graton & Knight Mfg. Co. (Trunk, Suit & Sample Case, etc), Worcester, Mass.
Nott W. S. Co. (Trunk, etc), 2d av N and 3d, Minneapolis, Minn.

5851a—Handles (Lubricator)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5852— Handles (Machine)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Cincinnati Ball Crank Co. (Steel), N. Oakley, Cincinnati, O.
New Britain Tool & Mfg. Co., New Britain, Conn.
Page-Storms Drop Forge Co., Chicopee, Mass.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
WILLIAMS J. H. & CO. ("Vulcan" drop forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

5853—*Handles (Machine Wood)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5853a—*Handles (Manicure Instruments)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5854—Handles (Microphone)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Scranton Button Co. (Corrugated Desk or Microphone), Scranton, Pa.

5855— Handles (Mop, Etc.)

See also Mop Sticks & Holders

Anchor Saw Mills Co., Memphis, Tenn.
Bay State Mop Co., Woburn, Mass.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Ely Theo. J. Mfg. Co., Girard, Pa.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Harper Brush Works, Fairfield, Ia.
Haskew S. T. & Co. ("Haskew"), Dept. H, Jackson, Tenn.
Himmelberger-Harrison Lumber Co., Morehouse, Mo.
Piqua Handle & Mfg. Co. (Special Polished & Threaded), P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Turner T. J., Marked Tree, Ark.
Willey O. H., Bryan, O.

5855a— Handles (Oven Door)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

5856— Handles (Package)

Acme Handle Co., 228 Orient av, Jersey City, N. J.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Eastern Handle Co., 36 Whittier, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Excelsior Package Handle Co., 118 N 2d, Phila., Pa.
Gem Stopper Co., 2120 Nicholas, Phila., Pa.
Grover R. A. Andover, Me.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tie Co. (Common Book Handles, "Frazier," "Our Leader"), Unadilla, N. Y.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

5857— Handles (Pail)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

5858—Handles (Painter's Brush)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5858a—Handles (Percolator)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5858b—Handles (Phonograph Crank)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Handles (Pike Pole)

See Handles, Canthook & Peavey

5859— Handles (Plow)

Atlanta Plow Co., Atlanta, Ga.
Dugger & Goshorn, Memphis, Tenn.
Eureka Bending & Wheel Works, York, Pa.
Farmville Mfg. Co., Farmville, Va.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Kelby G. A. Plow Co., Longview, Tex.
Look & Lincoln, Marion, Va.
Ohio Cultivator Co., Bellevue, O.
Oval Oak Mfg. Co., Siler City, N. C.
Parlin & Orendorff Co., Canton, Ill.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Reuter Hub & Spoke Co., Dexter, Mo.
Rock Island Plow Co., Rock Island, Ill.
Swanson Plow Co., Muskogee, Okla.
Towers & Sullivan Mfg. Co., Rome, Ga.

5860—Handles (Pocket & Table Knife)

Cutler Pearl Mfg. Co., 55 Commercial, Newark, N. J.
Union Pearl Works (Pearl), 43 W 27th, New York

5861— Handles (Porcelain)

Mitchell-Bissell Co., 251 4th av, New York

5861a—Handles (Portable Lamp)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Brandywine Fibre Products Co. ("Vul. Fibre Tubing), E. Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5862—Handles (Post Hole Digger)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5862a—Handles—Pull (Water Closet)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5862b—*Handles (Putty Knife)

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Rasp)

See Handles, File

5863— Handles (Ratchet)

Goodell-Pratt Co., Greensfield, Mass.
Waterbury Button Corp, 831 So. Main, Waterbury, Conn. *See adv index at end of book*
Yonts C. H. & Co., Meadville, Pa.

Handles (Ratchet Brake)

See Handles, Brake or Controller

5863a— Handles (Razor)

Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*
DU PONT E. I. DE NEMOURS & CO., INC., Pyrolin Div. ("Pyrolin"), Wilmington, Del. *See adv index at end of book*

5864— Handles (Revolver)

Sansom John H. A (Pearl)., 174 Worth, New York
Union Pearl Works (Pearl & Ivory), 43 W 27th, New York

5864a—Handles (Rubber Stamp)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5865— Handles (Sad Iron)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Baker, McMillen Co., Akron, O.
Bless & Drake, 175 N J R R av, Newark, N. J.

BOGERT & HOPPER, INC. (Wood), 57 Barclay, New York
See adv index at end of book
Cochrane, J. A. Brass Mfg. Co., 1403 E 40th, Cleveland, O.
Enterprise Mfg. Co. of Pa. ("Best"), 3d & Dauphin, Phila., Pa
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fanner Mfg. Co. ("Arctic" for Mrs. Potts Irons), Cleveland, O.
Gallup Ruffling Handle Co., Norwalk, O.
Grey Iron Casting Co. (Potts, etc), Mt. Joy, Pa.
Hoehn Fred, Cleveland, O.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
Reading Saddle & Mfg. Co. ("Sure Grip," **"Easy Lift"), Reading, Pa.**
Sager Lock Co., North Chicago, Ill.
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams A. C. Co., Ravenna, O.

5866— Handles (Saw)

Bogert & Hopper, Inc. (Cross-Cut, Hand etc.), 57 Barclay, New York
See adv index at end of book
Chapin-Stephens Co. (Hand), Pine Meadow, Conn.
Columbus Handle & Tool Co. (Cross-Cut), Columbus, Ind.
Disston Henry & Sons (Cross-Cut, Hand, etc), Tacony, Phila., Pa.
Ely, Theo. J. Mfg. Co. (Cross-Cut), Girard, Pa.
Estes E. B. & Sons (Cross-Cut, Hand, **etc), 364 5th av, New York**
See adv index at end of book
Jennings C. E. & Co., 71 Murray, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Ransome Concrete Machinery Co. (Cross-Cut Saw), Dunellen, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stiles H. A. & Co. (Hand), 93-97 Oliver, Boston, Mass.
See adv index at end of book

5866a— Handles (Scissor)

Du Pont E. I. de Nemours & Co. Inc., Pyrolin Div. ("Pyrolin"), Wilmington, Del. *See adv index at end of book*

5867—Handles (Screw Driver)

Allen Chas. I., Terryville, Conn.
Baker, McMillen Co., Akron, O.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Buck Bros., Millbury, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fuller J. J., Westfield, Mass.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Sargent & Company, New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Sun Enamel Works (Wood), Leominster, Mass.
Tuck Mfg. Co., Brockton, Mass.

5867a—Handles (Shaving Brush)

Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.

5868—Handles (Shoe Brush)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams & Hurd, West Arlington, Vt.

5869—Handles (Soldering Copper & Iron)

Andrews Mfg. Co., 413 Commerce, Phila., Pa.
Baker, McMillen Co. (Wood), Akron, O.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Erie City Mfg. Co. (Fireproof), Erie, Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Nashua Spool & Bobbin Co. (Wood), Grove Hall Station, Boston, Mass.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stossel Carl Sons & Co., Front Royal, Va.
Sun Enamel Works, Leominster, Mass.
Windham Handle Co., South Windham, Conn.

5869a—Handles (Special Wood)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Store Door)

See Locks & Knobs, Door

5870—Handles (Tack Puller)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5870a—Handles (Tea & Coffee Pot)

Bogert & Hopper, Inc. (Enameled Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Enameled Wood), 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Timber Carrier or Lug Hook)

See Handles, Canthook & Peavey.

5870b—Handles (Tire Pump)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5871— Handles (Tool)

See also Handles, Various Kinds; also Handles, Wood

Bayless Mfg. Co. (Hammer, Hatchet, Sledge, Pick), Memphis, Tenn.
BOGERT & HOPPER, INC. (Small Tool Handles of all kinds), 57 Barclay, New York *See adv index at end of book*
Buck Bros. (Chisel Carving Tool, etc), Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor" all Steel, Hollow Steel Handle, Shingling, Half Youths, Packing, Full Blade, etc), Geneva, Ill.
Delapierre Arthur, Inc., 19 Warren, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Hartwell Handle Co. ("Ajax," "Banner," "Eureka," "Eclipse," "Hawk," "Liberty," "Lincoln," "Star," "Wizard," "Hickory"), Harvey, Ill.
Kelsey Horatio (Axe, Pick, Sledge, Hammer, etc.), Clinton, Conn.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Piqua Handle & Mfg. Co. (Chisel, Carving Tool, File, Auger, Screw Driver, Hammer, Ice Pick, Brad Awl, Trowel, Cleaver, Brace, Wrench, etc), P. O. Box 307, Piqua, O.
Pittsburgh Gage & Supply Co. ("Best-Ov-All"), 30th & Liberty av, Pittsburgh, Pa.
Sargent & Company (Chisel, Brad Awl, etc), New Haven, Conn.
Schutz Bros., Inc., 152 Chambers, New York
Smith J. B. (Small, Plain & Polished), Geneva, O.
Standard Turning Works, Cambridge, Mass.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co. (Small), Stratton, Me.
Sun Enamel Works (All Kinds, Enameled & Japanned, etc), Leominster, Mass.
U. S. Handle Co. (Farm Tools), Piqua, O.
Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc), So. Windham, Conn.

5872—Handles (Torch Light)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5873— Handles (Tray)

Brainerd Mfg. Co., East Rochester, N. Y.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.

5873a—Handles (Trowel)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5873b— Handles (Trunk)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5874-5— Handles (Tub)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Campbell Wire Specialty Wks., South Bend, Ind. *See adv index at end of book*
STANLEY WORKS (Wrought Curved Plate), New Britain, Conn.
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

5876—Handles (Vacuum Cleaner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5877— Handles (Valve)

See also Wheels, Valve

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Crane Co. (For Brass Valves), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Estes E. B. & Sons (Steam), 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Holton-Abbott Mfg. Co. ("Komtsplit," Wood-Metal Unitized), 59 Goram, West Somerville, Mass.
Jenkins Bros. (Wood, Brass, Tee & Wire), 80 White, New York
Matthews H. A. Mfg. Co. ("Always Cold" Metal, Wire Bound), Seymour, Conn.
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5878-9—Handles (Wagon)

Abeles & Taussig, Commercial bldg, St. Louis, Mo.
Searls Mfg. Co. (Milk, Express Vans, etc), 29 Mulberry, Newark, N. J.

5879a—Handles (Wall Scraper)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5879b— Handles (Wash Boiler)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 264 5th av, New York
See adv index at end of book
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5879c—Handles (Whisk Broom)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*

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HANDLES (WHISK BROOM)—cont.

Celluloid Co., 36 Washington pl, New York

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5880—Handles (White Metal)

Krouse W. E. & Bro. (For Umbrellas, Canes, Whips, etc), Bridgeport, Conn.

5880a—*Handles (Window Brush)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5881—Handles (Window & Shutter)

STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

5882—Handles (Wire Drop)

Clark W J. Co., Salem, O.

New Standard Hardware Works, Mt. Joy, Pa.

Sitchener, E. H. & Co., Binghamton, N. Y.

Stover Mfg. & Engine Co. (For Stoves etc), Freeport, Ill.

5883— Handles (Wood)

SHORTLEAF—Wittel E. S. & Son

ARKANSAS.

CALDWELL—Campbell J. M.

DERMOTT—Burleigh R. & Sons

FORT SMITH—Fort Smith Handle Co.

HOPE—Ivory Handle Co. (Hickory)

JONESBORO — American Handle Co. (Hickory)

Jonesboro Handle Co. (Farm Tool, Ash)

LUXORA—Smith J. W. (Ash, Scythe), Dept. H

MARKED TREE—Turner T. J.

PARAGOULD—Hickson-Rogers Mfg. Co.

RECTOR—Kelly Handle Co.

CONNECTICUT.

CLINTON—Kelsey Horatio (Axe, Pick, Small Tools, etc)

EASTFORD — Keith J. M. & Co. (File, Chisel, etc)

Tatem J. M. Handle Co. (Pick & Sledge)

MADISON—Whedon Webster D.

NEW HAVEN—Gibbs W. F. Mfg. Co.

PEQUABUCK — Allen Chas. I. (File, Chisel, Screw-Driver), etc)

PINE MEADOW — Chapin-Stephens Co. (Plane, Saw, Chisel & File)

PUTNAM—Tatem J. B. & Son (Chisel, Lawn Mower, Leather Capped)

SALISBURY — Salisbury Cutlery Handle Co. (Cutlery)

SEYMOUR—Swan Jas. Co. (Auger, Bit, Chisel)

SOUTH WINDHAM — Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc)

SOUTHINGTON—Peck, Stow & Wilcox Co.

Southington Mfg. Co.

TORRINGTON—Union Hardware Co.

WALLINGFORD—Ives W. A. Mfg. Co. (Auger)

DELAWARE.

WILMINGTON—Basic Mfg. Co.

GEORGIA.

ATLANTA — Atlanta Woodenware Co. (Axe, Broom, etc)

DARIEN—Altamaha Woodworking Co.

ROME—Towers & Sullivan Mfg. Co. (Plane)

SAVANNAH—Deutch Arthur (Axe)

Georgia Handle Co., Dept. H

Savannah Handle Co., Dept. H

ILLINOIS.

CAIRO—Clark-Danforth Handle Co. (Edge Tool, Hammer, etc)

CHICAGO—Borgeson C. E., 1775 Wilson av

Cassaday Fairbank Mfg. Co. (For Small Tools, etc), 6126 S La Salle

Fischer & Hayes Rope & Steel Co, 742-744 W Van Buren

Slauf Mfg., 703 S Clinton

CHICAGO HEIGHTS — Hartwell Bros. (Pick & Sledge)

HARVEY—Hartwell Handle Co. ("Ajax," "Banner," "Eureka," "Eclipse," "Hawk," "Liberty," "Lincoln," "Star," "Wizard")

INDIANA.

ALTON—Peckinpaugh, Harrison & Co.

AUBURN—Auburn Handle Co.

BLUFFTON—Buck J. M. & Co.

COLUMBUS—Columbus Handle & Tool Co.

CORUNNA—Reynolds Bros.

CROTHERSVILLE—White Wood Products Co. (Broom), Dept. H

DECATUR—Lafontaine Handle Co.

FORT WAYNE—National Handle Co.

GREENCASTLE—Bittles Raser (D. Handles)

INDIANAPOLIS—Atkins E. C. & Co. (Cross Cut Saw)

Udell Works (Brush, Duster, etc)

KOKOMO—Buck D. & Co. (Ash)

LEBANON—Wilcox Bros. Mfg. Co.

LOGANSPORT—Hillock & Pitman Co. (All Kinds)

MARION—Marion Handle & Mfg. Co.

MOORES HILL—Bigney Marion E.

MUNCIE—Griffith G. V. & Son

NEWCASTLE—Bond W. C. (D. Handles)

Jennings S. P. & Sons

NEW HAVEN—Schnitker & Sons Co.

Sperry Mfg. Co.

SOUTH BEND—South Bend Dowel Works

Stevenson Mfg. Co.
See adv index at end of book

TERRE HAUTE—Terre Haute Handle Co. (Shovel, etc)

VINCENNES—Indiana Handle Co.

WINCHESTER—Boltz B. F. Mfg. Co.

IOWA.

OTTUMWA—Lindsay Mfg. Co.

KENTUCKY.

LOUISVILLE—Turner, Day & Woolworth Handle Co. (Axe, Pick, Sledge, Hammer, Hatchet & Mining Tool)

NEW HAVEN—Greenwell N. Lumber Co.

RED LICK—Cummins & Co.

LOUISIANA.

ALEXANDRIA—Alexandria Oar & Handle Co., Dept. H

MAINE.

DIXFIELD—Stowell N. S. & Co. (Small Tools, etc)

ELLSWORTH—Ellsworth Hardwood Co.

FREEDOM—Freedom Lumber Co.

HIRAM—Cotton Lemuel & Son (Axe, etc)

LEWISTON—Lewiston Handle Co. (Shovel, Spade, etc)

NORWAY—Novelty Turning Co. (Knife, File, Small Tool, Lather & Stencil Brush, etc)

ROXBURY—Swain & Reed

STRATTON—Stratton Mfg. Co. (Turned Wood)

WEST PARIS—Mann Lewis M. & Son

MARYLAND.

BALTIMORE—Dittmar John & Sons, 800 E Pratt

MASSACHUSETTS.

BOSTON—Ames Shovel & Tool Co., Ames bldg

Nashua Spool & Bobbin Co. (All Kinds & Sizes), Grove Hall Sta., Boston, Mass.

North American Handle Co. (Hickory Axe, Pick, Sledge & Hammer) Fort Hill sq

STILES H. A. & CO., (Broom, Mop, Tool, Valve, Plain, Enameled, Polished, etc), 93-97 Oliver
See adv index at end of book

CAMBRIDGE—Standard Turning Works

CHARLEMONT—Frary Mfg. Co.

FITCHBURG—Cushing S. G. & Son, 29 Newton pl

Fitchburg Enamel Co.

Mossman Jerome (Est. of)

GREENFIELD—Rugg Mfg. Co. (Rake Ash, Hoe & Hardwood Broom, Bush, Mop, etc)

LEOMINSTER—Sun Enamel Works

PLAINFIELD—Willcutt G. L.

WATSON—Thayer Geo. A. (Mechanical Tool Handles, Gauge Cocks & Radiator Valve Handles)

WEST CHESTERFIELD—Healy's S. A. Sons (Plane & Saw)

WESTFIELD—Fuller J. J.

WEST MILLBURY—Glover H. W.

MICHIGAN.

ALBA—Jones B. E. Mfg. Co. (Broom, etc) Nichols A. W.

BELLAIRE—Richardi & Bechtold

CADILLAC—Cadillac Handle Co. (Broom, Torch, etc)

COLDWATER—Hellenberg J. B. Co. (Mallet, Rammer, etc)

DETROIT—Detroit Wood Products Co., 4332 Horatio

ESCANABA—Escanaba Mfg. Co. (Broom Mop)

EVART—Davy & Co.

FREEPORT — Cheesebrough Thos. E. (Rake)

LUCAS—Kelly D. B.

LUDINGTON—Handy Things Mfg. Co. (Brush Duster, Small Tool, etc)

LYONS—Lyons Handle & Furniture Co.

NADEAU—Nadeau Bros.

NEWAYGO—Rowe Henry Mfg. Co. (Turned)

ONAWAY—Lobdell Emery Mfg. Co. (Broom Handles)

OWOSSO—Zimmerman J. N. (Hickory)

PARK LAKE—Du Roy Mfg. Co.

THREE RIVERS—Hicksville Handle Co.

VANDERBILT—Olds & Hixson (Brooms)

YPSILANTI—Dickinson Chas. W. (Pick & Sledge)

MINNESOTA.

MINNEAPOLIS—Curtis-Yale-Howard Co. (Carpet Beater, Egg Beater, etc), 1805 S E 5th

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HUNTSVILLE—Huntsville Handle Mfg. Co.
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MALDEN—U. S. Cooperage Co.
MOREHOUSE — Himmelberger-Harrison Lumber Co. (Mop, etc)
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Poplar Bluff Handle Works
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Keller & Tamm Mfg. Co. (Axe, etc), Victor & Levee
St. Louis Broom Supply Co., 206H N 1st
Zelnicker Walter A. Supply Co. ("Zelnicker" Dealer), 325 Locust
See adv index at end of book
WYACONDA—Morgan Mfg. Co. (Axe, Pick, Sledge, Maul, Hammer, Hatchet, etc)

NEBRASKA.

LINCOLN—Lee Broom & Duster Co. (Broom, Duster, etc.)

NEW HAMPSHIRE.

KEENE—Burdett Chair & Handle Mfg. Co.
Pierce F. B. Co. (Brush)
MANCHESTER—Piper B. H. Co. (Axe, etc)
MILFORD—Peirce W. E. & Co. (Pick, Sledge, Hammer, Chisel, Tool, etc.)
NEW DURHAM—Allen Mfg. Co. (Wood Turning & Enameling Div.) (Brush Enameled & Plain, etc.)
NORTH WEARE—Flanders Hardware Co.
RUMNEY—Keniston Geo. D. & Son

NEW JERSEY.

DUNELLEN—Ransome Concrete Machinery Co.
HOBOKEN—Bantz Bros. (Brush, etc)
NEWARK—Kohaut John C, 117 Green
Sommer John Faucet Co., 30 Morris
SINGAC—Sanderson Robt. (Brush)

NEW YORK.

ADDISON—Harrison Jas. S. & Co.
AMSTERDAM—American Broom & Brush Co. (Broom)
Amsterdam Broom Co. (Broom & Mop)
AUBURN—Cady Mfg. Co.
BLEEKER—Ellis & Smith (Broom)
Peters' John M. Sons
BUFFALO—Jackson & Tindle (Broom)
HANCOCK—Fish G. R.
Williams H. A. (Est. of)
NEW YORK—American Woodworking Co., 19 Warren
Bogert & Hopper (All Kinds of Small), 57 Barclay
See adv index at end of book
Crane & MacMahon, 10 Bridge
ESTES E. B. & SONS (All Kinds & Sizes for Every Purpose), 364 5th av. *See adv index at end of book*
McCherry Co., 81 Walker
N. Y. Mallet & Handle Works, 743 E 11th
Newton & Thompson Mfg. Co., 200 5th av
Peterson F. W. Co., 18 Greene
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Plain, Polished, Enameled, Stained in Colors
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Schutz Bros., Inc. (All Kinds), 152 Chambers
Standard Handle Co., 183 W Houston
United Handle Mills ("Monarch"), (Hickory & Ash), 149 B'way
WELLSVILLE—American Novelty Works (Brush, Fan & Fly Swatter)
Worth H. P. & Co., 180 West

NORTH CAROLINA.

CONOVER—Hickory Handle & Mfg. Co.

OHIO.

AKRON—Baker, McMillen Co. (Screw Driver, File, Duster, Small Tool)
Kile Mfg. Co. (Hickory Hammer, Hatchet & Toy)
ALLIANCE—Buckeye Handle, Gear & Bending Co.
BELLEVUE—Ohio Cultivator Co.
BROADWAY—Goff W. H.
BRYAN—Willey O. H.
BUTLER—Richland Handle Co.
CANFIELD—Canfield Mfg. & Novelty Co.
CLEVELAND—American Fork & Hoe Co. (Fork, Rake, Hoe, Shovel, Spade, etc), Swetland bldg
Osborn Mfg. Co. (For Push Brooms), 5401 E Hamilton av
COLUMBIANA—Columbiana Mfg. Co.
COLUMBUS—Union Fork & Hoe Co. (Hoe, Rake, etc.)
COLUMBUS GROVE—Jones J. F. Sons (Golf & Shaved)
DELPHOS—Schaffer J. C.
EATON—Hiestand & Co.
EDON—Sheline E. R. & Son
FINDLAY—National Handle Co.
GALION—Galion Handle & Mfg. Co.
GENEVA—Smith J. B. (Tool)
HICKSVILLE—Crook Son & Co.
Hicksville Handle Co.
Miller Mfg. Co.
LIMA—Selfridge O. B. Co.
MARYSVILLE—Lentz' C. F. Sons
MESOPOTAMIA—Noble E. L.
MONROEVILLE—Yingling Bros. & Co.
NAPOLEON—Napoleon Lumber & Handle Co.
NEW BREMEN—Clark Allen & Co.
NORWALK—Gallup Ruffing Handle Co. (Special, File, Sad Iron, Valve, etc)
McCrillis Handle Co. (Pick)
PIQUA—Piqua Handle & Mfg. Co. (Rake, Fork, Hoe, Chisel, File, Auger, Screw Driver, etc), P. O. Box 307
U. S. Handle Co.
SIDNEY—Benjamin C. W.
SPENCERVILLE—Reynolds, W. A. Lumber Co.
SPRINGFIELD—Bryant Mfg. Co.
VALLEY CITY—Wood Frank V.
WAPAKONETA—Standard Churn Co. (Rake, Hoe & Broom), Dept. H
WASHINGTON COURT HOUSE—Washington Mfg. Co.

OREGON.

PORTLAND—Portland Basket & Handle Co.

PENNSYLVANIA.

BEDFORD—McLaughlin J. L. & Sons (Axe)
BETHLEHEM—Strock L. W. & Co. (Chisel, Hammer, Hatchet, Axe, Pick, Sledge, File, Eyeless Pick, etc)
CODORUS—Codorus Mfg. Co.
CORRY—Mahle C. A. & Son (Ltd.) (For Small Tools)
CORYDON—Keystone Handle Co.
ELDRED—Prouty C. & Co. (Cross-Cut, Cant Hook, etc)
ELKLAND—Sheldon H. Mfg. Co. (Fan & Fly Swatter)
ERIE—Erie City Mfg. Co. ("Arrow" Cross-Cut Saw, Mop)
GIRARD—Ely Theo. J. Co.
HOWARD—Howard Handle & Spoke Co.
KANE—Holgate Bros. Co. (Brush)
KINZUA—Sheldon Handle Co.
LAKE COMO—Williams H. A.
NORRISTOWN—Brusher J. B. (Axe, Pick, Sledge, Hammer & Hatchet)
PASSER—Hottel Benjamin K.
PHILADELPHIA—Weber Chas. Estate, 2120 E York
PICTURE ROCKS—Handle & Excelsior Co.
QUAKERTOWN—Landis S. H. & Bro.
READING—Reading Wood Pulley Co.
TITUSVILLE—Tittusville Handle Co. (Axe, Pick, Sledge Hammer, Hatchet & Cant Hook)
Clark Haniel & Son (Shovel)
Novelty Wood Works Co. (Small Tool)
WARREN — Peterson Samual (Ash & Hickory, Axe, Pick, Sledge, Mining, etc

RHODE ISLAND.

PROVIDENCE—American Enamel Co.
Narragansett Machine Co.

TENNESSEE.

BAXTER—Isbell J. A.
CHATTANOOGA — American Mfg. Co. ("D")
COOKEVILLE—Gregory T. J. Handle Works
DICKSON—Leathers A. H. Handle Co.
ERIN—Goodwin L. P. (Axe, etc)
HARRIMAN—Harriman Mfg. Co.
JACKSON—Haskew S. T. & Co. ("Haskew" Broom & Mop), Dept. H
JOHNSON CITY—Harris Mfg. Co. (Plow)
KNOXVILLE—Colonial Handle Co. (Hickory)
LAWRENCEBURG—Wylie A. P. Mfg. Co.
McMINNVILLE — Burroughs-Ross-Colville Co.
MANCHESTER—Manchester Mfg. Co.
MEMPHIS—Anchor Saw Mills Co. (Broom & Fork)
Bayless Mfg. Co. (Hickory, Ash, Gum, Oak)
Willingham E. G. (Hickory)
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Reuther-Scanlon Handle Co.
SEQUATCHIE—Sequatchie Handle Works
TULLAHOMA—Campbell M. R.

VERMONT.

BELLOWS FALLS—Derby & Ball (Fork, Scythe, Snaths, etc)
BURLINGTON—Vermont Shade Roller Co. (Mop)
EAST BARNET—Roy Bros.
WEST ARLINGTON—Williams & Hurd

VIRGINIA.

COLUMBIA—Baker H. P. & Co.
FARMVILLE—Farmville Mfg. Co. (Plow)
FRONT ROYAL—Stossel Carl Sons & Co.
JETERSVILLE—Warriner R. B.
MARION—Look & Lincoln (Plow)
RICHMOND—Brinser E. C. Sons

WASHINGTON.

TACOMA — Washington Handle Co. (Broom), Dept. H

WEST VIRGINIA.

BERKELEY SPRINGS—Crosfield Wm.
CHARLESTON—Kelly Handle Co. (Axe)

WISCONSIN.

CAMERON—Oak Grove Handle Co.
GLIDDEN—Northern Wood Products Co. (Broom), Dept. H
MERRILL—Hieb Box Mfg. Co.
WAUSAU—Curtis & Yale Co. (Carpet Beater, Egg Beater, etc)

5883a— Handles (Wrench)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5884—Handles & Rollers (Lawn Mower)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5885—Hands (Clock & Watch)

Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book
Winn J. H. Sons, Winchester, Mass.

5886— Handspikes

American Logging Tool Co., Evart, Mich.
Ransome Concrete Machinery (Wood Handle), Dunellen, N. J.

5886a—*Handtraps (for Throwing Clay Targets)

DU PONT DE NEMOURS & CO. (E. I.), Wilmington, Del.
For branch offices see adv index at end of book

5886b—Hangars (Aeroplane)

American Bridge Co., 30 Church, New York
Anchor Corrugating Constr. Co., 140 Washington, New York
Ashley Steel Building Co., Inc. (Portable), 1790 B'way, New York
Austin Co., 14230 Euclid av, Cleveland, O.
Barney John M., 250 W 108th, New York
Howell, Field & Goddard, Inc., Review av, Long Island City, N. Y.
Keasby & Mattisen, Ambler, Pa.
Pruden C. D. Co., Dock & Warner, Baltimore, Md.
Va. Bridge & Iron Co., Roanoke, Va.

Hangers (Arc Lamp)

See Insulators, Arc Lamp

5887—Hangers (Building Bracket)

King Mfg. Co., Dept. H, St. Joseph, Mo.
Wagner Mfg. Co., Cedar Falls, Ia.

5888— Hangers (Cable)

See also Hangers, Electric Cable

Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.
Minerallac Electric Co. ("Minerallac"), 1045 Washington blvd, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

5889— Hangers (Concrete)

Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Flagg Stanley G. & Co. (Mall. Iron), Morris bldg, Phila., Pa.
Hill Clutch Co., W 65th, Cleveland, O.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book

HANGERS (CONCRETE)—continued
Mulvey Mfg. Co. (Block Joist), 1840 Carroll av, Chicago, Ill.
Perkins Appliance Co., Springfield, Mass.

5890—Hangers (Conductor Pipe)

See also Hangers, Eave Trough

Iwan Bros. (Wire), South Bend, Ind.
Klauer Mfg. Co., Dubuque, Ia.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

5891— Hangers (Conduit)

Appleton Elec. Co., Wellington & Paulina, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, Ohio
Chicago Expansion Bolt Co. ("Chicago"), 324 W Washington, Chicago, Ill.
Columbia Metal Box Co., 226 E 14th, New York
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Free & Mason, 81 Beekman, New York
Fralick S. R. & Co., 15 S Clinton, Chicago, Ill.
Grabler Mfg. Co., Cleveland, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Ill. Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
Lanz, M. & Sons, 2907 Carson, Pittsburgh, Pa.
Leahy, John J., 48 Dey, New York
Lovell F. H. & Co., Arlington, N. J.
Minerallac Electric Co. ("Minerallac"), 1045 Washington blvd, Chicago, Ill.
North Western Stamping Co., Burlington, Ia.
Pass & Seymour, Solvay, N. Y.
Thomas & Betts Co., 63 Vesey, New York
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.
Wrigley Thomas Co., 504 Sherman, Chicago, Ill.

5892-3— Hangers (Cut-Out)

Brady Elec. Mfg. Co., New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.
High Tension Elec. Spec. Co. Newton, Mass.
Metropolitan Engng. Co., 1250 Atlantic av, B'klyn, N. Y.
Phila. Elec'l & Mfg. Co., 1236 N 31stst, Phila., Pa.
Thompson Electric Co. ("Thompson" Safety Automatically cuts out any Lamp in a Multiple Circuit, & lowers it), 5606 Euclid, Cleveland, O.

Hangers (Door)

See Door Hangers.

5894—Hangers (Eave-Trough)

Abbott Mfg. Co. ("Peerless," Galvanized Sheet Steel), 4714 Central av, S E, Cleveland, O.
American Rolling Mill Co., Middletown, O.
Andrews Wire & Iron Works, Rockford, Ill.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Bell J. W. Co., Mercer, Pa.
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L. D. Co., 59 N 2d, Phila., Pa.
Berger Mfg. Co. (Steel & Wire), Canton, Ohio
Bostwick Steel Lath Co., Niles, O.
Cambridge Roofing Co., Cambridge, O.
Canton Art Metal Co., Canton, O.
Canton Cornice & Skylight Co. ("Batdorff's"), Canton, O.
Clark-Smith Hardware Co. ("Peoria"), Peoria, Ill.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Eureka Fence Mfg. Co. ("Richmond" Adjustable), Richmond, Ind.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Harman Eave Trough Hanger Co., New Philadelphia, O.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
Joliet Mfg. Co., Joliet, Ill.
Klauer Mfg. Co., Dubuque, Ia.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co. ("Dover" Wire), Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Eave Trough & Conductor Pipe Fittings), Wheeling, W. Va.
Wusterbarth Bros., Meriden, Conn.

5895—Hangers (Electric Cable)

Allen Iron & Steel Co., 3d & Venango, Phila., Pa.
Anderson Albert & J. M. Mfg. Co. (Feed Wire Insulators), 289 A, Boston, Mass.
Anderson Forge & Machine Co. (Manhole Cable), Detroit, Mich.
Anderson W. H. Tool & Supply Co. (For Manholes), 184 Brush, Detroit, Mich.
Baughn Electric Co., Hopkinsville, Ky.
Bissell F. Co., Toledo, O.
Bonney Forge & Tool Works, Allentown, Pa.
Bonita Mfg. Co., Hancock & Columbia, Phila., Pa.
Cameron Appliance Co. ("Locke"), Everett, Mass.
Condit Electrical Mfg. Co. ("Boston"), 1st & L, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Long-Saut"), 89 West, New York
See adv index at end of book
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Eureka Supply Co., Sewell, N. J.
Fletcher Mfg. Co. (Iron Insulated, etc), Dayton, O.
Hallett Iron Works, Harvey, Ill.
Harvard Elec. Co., 525 Van Buren, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Krantz Mfg. Co. ("Tower"), 160 7th, Brooklyn, N. Y.
Lanz H. Bolt C., 2907H Carson, Pittsburgh, Pa.
Lingle Mfg. Co., Clinton, Mo.
Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill.
National Telephone Supply Co. ("Universal"), 5100 Superior av, Cleveland, O.
Norton W. T., West Park, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pettingell-Andrews Co. ("O'Neill"), 166 Pearl, Boston, Mass.
Reliable Elec. Co., 411 S. Sangamon, Chicago, Ill.
Rhode Island Telephone & Electric Co. ("Wright"), 55 Pine, Providence, R. I.
Standard Underground Cable Co. ("Nordyke") Supports), Westinghouse bldg, Pittsburgh, Pa.
Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
Titchener-Diehl Co. (Wire), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book
U. S. Expansion Bolt Co., 139-141 Franklin, New York
See adv index at end of book
Wrigley Thos. Co., 504 Sherman, Chicago, Ill.

5895a—Hangers (Fixture and Box)

Austin M. B. & Co. (Sole Selling Agts., Economy Elec. Specty. Co.), 706 Jackson blvd, Chicago, Ill.
Cutter Geo. Co., 415 Notre Dame, So Bend, Ind.
Fee & Mason, 81 Beekman, New York
Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
Harvard Elec. Co., 525 W Van Buren, Chicago, Ill.
Inland Elec. Co., 16 N Franklin, Chicago, Ill.
Overbagh Cameron, 224 W Illinois, Chicago, Ill.
PAINE COMPANY, THE ("Paine" Outlet Box & Electrical Fixtures), 1742 W Van Buren, Chicago, Ill.
See adv index at end of book
Williamson R. & Co., Washington & Jefferson, Chicago, Ill.

5895b—Hangers (Garage Door)

Allith Prouty Co., Danville, Ill.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Hune, Helen, Ferris & Co., Harvard, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
Lane Bros. Co., Dept. H, Poughkeepsie, N. Y.
Louden Machy. Co., Fairfield, Ia.
McCABE HANGER MFG. CO., 426-428 W 25th, New York
See adv index at end of book
McKinney Mfg. Co., Locust, Phila., Pa.
Myers F. E. & Bro., 900 4th, Ashland, O.
See adv index at end of book
National Brass Co., Grand Rapids, Mich.
Richards Wilcox Mfg. Co., Aurora, Ill.
Stanley Works, New Britain, Conn.
See adv index at end of book

5896— Hangers (Garment)

American Mfg. Concern (Adv.), Falconer, N. Y.
Andrews Wire & Iron Works ("Androck" "Ideal," Trousers, Garment, etc.), Rockford, Ill.
Automatic Wire Goods Mfg. Co. (Folding & All Kinds of Wire), 13-15 Canal pl, New York
Belmar Mfg. Co., Canton, Pa.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Brager B. (Combination Wood & Wire), 84 5th av, New York
Brooks M. S. & Sons (Folding Coat), Chester, Conn.
Buckingham Rae Co., 208 S La Salle, Chicago, Ill.
Caldwell Mfg. Co., ("Up-to-Date"), Rochester, N. Y.
Canham Victor H. & Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. (Skirt, Trousers, Coat, etc., "Ruby," "Euclid," "Columbia," "Mathews," "Ely," "Jerrems"), 6126 S La Salle, Chicago, Ill.
Chicago Form Co., 411 So. Wells, Chicago, Ill.
Collapsible Form Hanger Co., 107 W 25th, New York
Dawson J. R. Mfg. Co., 3646 N Lawrence, Phila., Pa.
Dean & Williams Co. ("Black Diamond" Combination), 4317 Elston av, Chicago, Ill.
Eclipse Co. (Wooden), N Girard, Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Forsyth Metal Goods Co., E. Aurora, N. Y.
Freshour Henry C. ("Perfect"), Bridgeport, Conn.
Greenwald Display Fixture Co., 234 5th av, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hampden Toy Co. ("Paragon De Luxe"), Westfield, Mass.
Heitler, Kurt, 221 4th av, New York
Hincher Mfg. Co. ("Peerless"), Washington, Ind.
Jencks E. Mfg. Co. (Coat, Trousers, Folding, etc), Worcester, Mass.
Jenkinson R. C. & Co. (Wire Coat, etc), 293 Washington, Newark, N. J.
Knape & Vogt Mfg. Co., Grand Rapids, Mich.
Keonig D. B. & Co., Hazelton, Pa.
L. A. W. Novelty Co. ("Buxton" Folding), Springfield, Mass.
Lewald F. & Co., 500 S. Wells, Chicago, Ill.
Nagely John, Toledo, O.
National Hanger & Fixture Mfg. Co. ("Faultless"), 496 E 134th, New York
Parker Wire Goods Co. (Wire), Worcester, Mass.
Parkesburg Stamping & Mfg. Co. (Wire), Parkesburg, Pa.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Pullman Mfg. Co. (Rods & Loops ("Pullman-Rochester"), Rochester, N. Y.
Racine Iron & Wire Works (Coat), Racine, Wis.
Rocky Hill Hardware Co. ("Leader," "Delespo," "Duplex"), Rocky Hill, Conn.
Sachnoff G. & Co. (Wire), 138 Mott, New York
Standard Fibre Co. (Fibre Coat Hangers), Miller st, Somerville, Mass.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Taplin Mfg. Co. ("Victor" Folding), New Britain, Conn.
Taylor Mfg. Co. ("Taylor," All Kinds), Princeton, Ind.
Thurman Mfg. Co., Madera, Cal.
Timberlake J. B. & Sons (Wire), Jackson, Mich.
Troy Wire Goods Co., Troy, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
Wayne Paper Goods Co., Ft. Wayne, Ind.
West Electric Hair Curler Co. ("Elco"), Hancock & Columbia, Phila., Pa.
West Lafayette Mfg. Co. (Coat), West Lafayette, O.
Wickwire Spencer Steel Corp. ("Natwire" Tinned Enameled), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wisconsin Textile Mfg. Co., Two Rivers, Wis
Woods-Sherwood Co. (Wire), Worcester, Mass.

5896a— Hangers (Gate)

Lanz, M. Bolt Co., 2907H Carson, Pittszurgh, Pa.
McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*

5897— Hangers (Harness)

Berry Chas. E. ("Berry" for Swing Harness for Fire Dep'ts, etc.), Somerville, Mass
Imperial Bit & Snap Co. ("Imperial") Racine, Wis

5898—Hangers (Hinge & Rail)

Grabler Mfg. Co. (Forged, etc.), Cleveland, O.
MYERS F. E. & BRO. ("Myers"), 900 Forth, Ashland, O.
See adv index at end of book
Safety Door Hanger Co., Ashland, O.

5899— Hangers (Joist)

Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bragstad Concrete Mach'y Co., Inc., Canton, S. Dak.
Chesapeake Iron Works, Westport, Baltimore, Md.
Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
Columbian Hardware Co. ("Cleveland," "Buckeye"), Cleveland, O.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Ernst C K, Buffalo, N. Y.
Ernst's Chas. F. Sons (Steel), Buffalo, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Goetz Box Anchor Co., New Albany, Ind.
Hastings Foundry & Iron Works, Hastings, Neb.
Heughes F. L. & Co. ("Heughes"), Rochester, N. Y.
Ideal Hanger Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lane Bros. Co. (Steel), Poughkeepsie, N. Y.
Lanz, M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mullins Body Corp., Dept. H, Salem, Ohio
Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
National Iron & Wire Co. (Steel), Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Philips A. A. Jr, 2219 Pitkin av, Brooklyn, N. Y.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Rieseck Iron Works (Wrought Steel), 1201 Metropolitan, Pittsburgh, Pa.
St. Louis Wire & Iron Co., St. Louis, Mo.
Smith A. L. Iron Works, Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Sons, Inc., 841 E 136th, New York
Truscon Steel Co. (Kahn System), Youngstown, O.
Van Dorn Iron Works Co. (Steel), 2700 E 79th, Cleveland, O.
Western Builders' Supply Co. (Steel), 135 2nd, San Francisco, Cal.
Western Iron & Foundry Co., Wichita, Kans.

5900—Hangers (Messenger)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.

5901— Hangers (Mine)

Electric Railway Equipment Co. ("Black Diamond"), Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Ohio Brass Co. (& Insulated Trolley), Mansfield, O.
See adv index at end of book

Hangers (Picture)

See Hooks, Picture

5902— Hangers (Pipe)

Acme Mfg. Co. ("Acme," Brass), Bangor, Me.
Barrett Jas. Mfg. Co. (Brass), 117 Pearl, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Perfection," "Jumbo," Malleable Iron, Steel and Galvanized Band), New Britain, Conn.
Beaton & Corbin Mfg. Co., Southington, Conn.
Berger Bros. Co., 229 Arch, Phila., Pa.
Billings D. L. & Co. ("Perfect"), 762 Dudley, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Cann & Saul, 516 Commerce, Phila., Pa.
Carpenter L. A. Press Metal Co. ("O. U." "Vav"), Cambridge, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 324 W Washington, Chicago, Ill.
Collins Mfg. Co., 1318 Farmers Bank bldg, Pittsburgh, Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crawford Co., 846 S Canal, Chicago, Ill.
Cryer T. B. Co., 249 High, Newark, N. J.
Devlin Thos. Mfg. Co. ("Kane," "National"), 3d & Lehigh av, Phila., Pa.
Donovan D. A. ("Dad"), Auburn, N. Y.
Douglass, J. E. ("Douglass" Adjustable Steel), 180 N Dearborn, Chicago, Ill.
Fee & Mason (Iron & Brass), ("A. B. C." "F. & M."), 81 Beekman, New York
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila, Pa.
General Fire Extinguisher Co., Providence, R. I.
Glenn Fred E. ("Expansion Ring"), St. Charles, Ill.
Grabler Mfg. Co. ("Grabler" Universal Extension, Split Ring, U., etc.), Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hayes Pump & Planter Co. ("Dack"), Galva, Ill.
Hoffmann B. Mfg. Co. (Expansion, etc), 257 6th, Milwaukee, Wis.
Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
Hughson Steam Spec. Co. ("Eclipse"), W 21st & S Racine, Chicago, Ill.
Illinois Engineering Co. ("Eclipse"), W 21st & S Racine avs, Chicago, Ill.
Illinois Malleable Iron Co. ("Chicago"), 1801 Diversey blvd, Chicago, Ill.
Jarecki Mfg. Co. ("Erie"), Erie, Pa.
Kelly & Jones Co. ("Jones" Expansion, etc.), 135 Water, Pittsburgh, Pa.
Kenway P. N., 248 Boylston, Boston, Mass.
Kreibel & Co., 822 Green, Phila., Pa.
Lane Ira G. Co. ("Away from the Wall"), 1077 3d av, New York
Lange August K., 606 E 15th, New York
Larkin, J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
McCullom George (Malleable), Muskegon, Mich.
Modern Iron Works (Expansion or Ring Hooks, Quincy, Ill.
Moore Joshua, Marseilles, Ill.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Supply Co., Toledo, O.
Neptune Hardware Mfg. Co., 29 Murray, New York
Newbury Jay H., Goshen, N. Y.
Newbury Mfg. Co. (Adjustable Expansion, etc), Monroe, N. Y.
Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
Orcutt Pipe Hanger Co., Factory bldg, Toledo, O.
PAINE COMPANY, THE, 1742 W Van Buren, Chicago, Ill.
See adv index at end of book
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Penn. Engineering Co. ("Hanna" Ball Joint Malleable Iron), 1119 N Howard, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Republic Metalware Co., Buffalo, N. Y.
Robinson Mfg. Co., 8123 Buner, S E, Cleveland, O.
Rockwood Sprinkler Co. ("Worcester," "Rockwood" Pressed Steel Adjustable Clips), Worcester, Mass.
Rutzler Enoch Co. ("Universal"), 404 E 49th, New York
Simmons, John Co. ("Diamond S" & Split), 110 Centre, New York
See adv index at end of book
Sproul & McGurrin Co. ("I. X. L."), Grand Rapids, Mich.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
U. S. Expansion Bolt Co., 139-141 Franklin, New York. *See adv index at end of book*
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wise J. B., Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

5903— Hangers (Plate, Etc.)

Parker Wire Goods Co. (Sectional Wire), Worcester, Mass.

5904—Hangers (Ring Oiling)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dodge Steel Pulley Corp., Oneida, N. Y.
Eastwood Benj. Co., Paterson, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co. (and collar oiling), W 65th, Cleveland, O.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
Nordyke & Marmon Co., Kentucky & Morris avs, Indianapolis, Ind.
Salem Foundry & Machine Works, Salem, Va.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wood's T. B. Sons Co. ("B. & S."), Chambersburg, Pa.

5905— Hangers (Roller)

Bond Foundry & Machine Co., Manheim, Pa.
Grabler Mfg. Co. (For Wrought Iron Pipe, etc), Cleveland, O.
Lane Bros. Co., Poughkeepsie, N. Y.

5906—Hangers (Roller & Ball Bearing)

Atlas Ball Co., 4th & Glenwood av, Phila., Pa.
Beaton & Cadwell Mfg. Co. Expansion for Overhead Circulation), New Britain, Conn.
Bond Foundry & Machine Co., Manheim, Pa.
Harris & Reed, 1500 W 15th, Chicago, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
Valley Iron Works, Williamsport, Pa.

5907— Hangers (Self-Oiling)

American Tool & Machine Co. ("American," "Boston" & "Giant"), 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Quincy & C. & P. Ry, Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
DODGE SALES & ENGINEERING CO. (Capillary, Ring, Wick or Chain Oiling), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Fay J. A. & Egan Co., Cincinnati, O.
Great Western Mfg. Co., Leavenworth, Kan.
Hanson Clutch & Machinery Co., Tiffin, O.
Hill Clutch Co. (and collar oiling), W 65th, Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., Kentucky & Morris avs, Indianapolis, Ind.
Olney & Warren ("Howard"), 301 Lafayette, New York.
Royersford Foundry & Machine Co., Royersford, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Woonsocket Machine & Press Co., Woonsocket, R. I.

5908—Hangers (Shaft, Ball Bearing)

Atlas Ball Co. (Post), H, 4th & Glenwood av, Philadelphia, Pa.
Bond Foundry & Machine Co., Manheim, Pa.
Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.
Dodge Steel Pulley Corp., Oneida, N. Y.
Dow, L. B., Keene, N. H.
Fairbanks Co. (Jobbers), 416 Broome, New York.
Golden's Foundry & Machine Co., Columbus, Ga.
Hess-Bright Mfg. Co. ("H. B.—D. W. F."), Front & Erie av, Phila, Pa.
S. K. F. Ball Bearing Co. ("S. K. F." Self-Aligning), Hartford, Conn.
Sprout, Waldron & Co., Muncy, Pa.

5908a—Hangers (Shaft, Post, Bracket, Etc.)

See Also Power Transmitting Machinery
Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
Chicago Pulley & Shafting Co., 40H S Clinton, Chicago, Ill.
FAIRBANKS CO. (Jobbers), 416 Broome, New York
Golden's Foundry & Machine Co., Columbus, Ga.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Wisconsin Fdry. & Mach. Co., Madison, Wis.

5909—Hangers (Shaft, Pressed Steel)

Bond Foundry & Machine Co. ("Lyte-strong"), Manheim, Lancaster Co., Pa.
Chain Belt Co., Milwaukee, Wis.
Standard Pressed Steel Co. ("American Pioneer"), 80th & Indiana, Phila., Pa.

5910—Hangers (Step & Running Board)

Am. Tube & Stamping Co. (Automobile Pressed Steel), Dept. H, Bridgeport, Conn.
Bossert Corporation, The (Automobile & Motor Truck Steps), cor. Linden St & West av, Utica, N. Y.
Cleveland Hardware Co., Lakeside av & E 45th, Cleveland, O.

HANGERS (STEP & RUNNING BOARD) —continued

Columbus Bolt Works Co., Columbus, O.
Crandal Stone Div, The Brewer-Tichener Div, Binghamton, N. Y.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Parish Mfg. Co., Reading, Pa.
Rochester Pressed Steel Co. (Pressed Steel for Autos), Rochester, N. Y.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

5911—Hangers (Storm Sash & Screen)

Butter G. A. ("Daisy"), 603 Mitchell, Milwaukee, Wis.
Dennis W. J. & Co. ("E Z. Way" "Greenfield"), 2120 W Lake, Chicago, Ill.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Frantz Mfg. Co., Sterling, Ill.
Kane Mfg. Co. (Brass), Kane, Pa.
Kees F. D. Mfg. Co. ("Kees-Gossett"), Beatrice, Neb.
Kieffer Bros., Syracuse, N. Y.
Lawrence Bros., Sterling, Ill.
National Mfg. Co. (Automatic), Sterling, Ill.
Phenix Mfg. Co. ("Phenix"; also Fasteners), Milwaukee, Wis.
Rock City Mfg. Co. ("Jiffy"), Wabash, Ind.
Rowland Mfg. Co. (For Half Screens), Denver, Colo.
Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.
STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*
Wagner Mfg. Co. ("Wagner," for Screw & Storm Sash), Cedar Falls, Ia.
Watrous Acme Mfg. Co. ("Watrous" Screen Hanger), Des Moines, Ia.
Winter R. G. Mfg. Co. ("Sensible"), 2102 Vliet, Milwaukee, Wis.
Woodruff W. W. & Sons Co. ("Dolbers"), Mt. Carmel, Conn.

5912—Hangers (Trolley Wire)

Anderson Albert & J. M. Mfg. Co. (Straight Line & Curve Suspension), 289 A, Boston, Mass.
Creaghead Engineering Co. ("Creaghead" Armored Cap-Cone), 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Electrical Railway Equipment Co. ("Universal"), Cincinnati, O.
Electrose Mfg. Co., 70 Washington, Brooklyn, N Y.
Eureka Co., North East, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Phila. Electrical & Mfg. Co. ("Pemco" Catenary), 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Single & Double Catenary Construction), East Pittsburgh, Pa.
See adv index at end of book

5912a—Hangers (Window Screen)

STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*

5913— Hanks (Jib)

Parker Wire Goods Co. (Wrought Iron), Worcester, Mass.

5914— Hard Oil Finish

Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Allentown Mfg. Co., Allentown, Pa.
Berry Bros., Detroit, Mich.
Blayz Paint & Varnish Co. ("Le-Do-Lac") Spencer, Toledo, Ohio
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Brooklyn Varnish Mfg. Co. ("K-a-u-r-i"), 35 Nostrand av, Brooklyn, N. Y.
Brooks Clarence & Co., 249 Chestnut, Newark, N. J.
Buckeye Paint & Varnish Co., Toledo, O.
Butcher Polish Co. ("Butcher's No. 3 Reviver"), 356 Atlantic av, Boston, Mass.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Day, Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Felton, Sibley & Co., 136 N 4th, Phila, Pa.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gillespie Chas. H. & Sons, Dey, Jersey City, N. J.
Glidden Co., Madison av & Berea rd.
Grand Rapids Wood Finishing Co., Grand Rapids, Mich.
Jamestown Wood Finishing Co., Jamestown, N. Y.
Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.
Hilo Varnish Corp., Marcy & Flushing avs, Brooklyn, N. Y.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
O'Brien Varnish Co. (Light), South Bend, Ind.
Palmer-Price Co., 270 Chestnut, Newark, N. J.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works (Gutta Percha), 90 West, New York
Unkefer, Geo. R. Co., 1827 Le Claire av, Chicago, Ill.
Valentine & Co. ("Lauson"), 456 4th av, New York

5915—Hardeners (Concrete)

See also Hardener Flour

Aquabar Co. ("Aquabar"), 844 Widener blvd, Phila., Pa.
Concrete Hardening Company, Inc. ("Everlast"), 220 Fifth av, New York
Continental Products Co. (Floor), Quebec av, Cleveland, O.
Corrugated Bar Co., Dept. H, Buffalo, N. Y.
Federal Steel Cement Mills ("Federal" Steel Structural Cement), 2639 E 79th, Cleveland, O.
GENERAL FIREPROOFING CO. (Floor), Youngstown, O.
See adv index at end of book
Granolithic Co. ("Granolitic"), 471 N Snelling av, St. Paul, Minn.
D'Jorup Frank ("Flinto-Lith"), 133 W Washington, Chicago, Ill.
MALMED, A. T. & CO. ("Quickstone"), Penn Square bldg., Phila., Pa.
Master Builders' Co., Cleveland, O.
Rezilite Mfg. Co. ("Rezilite"), Peoples Gas bldg, Chicago, Ill.
Smooth-On Mfg. Co. (Cement), 572 Communipaw av, Jersey City, N. J.
Sonneborn L. Sons ("Lapidolith"), 262 Pearl, New York
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Trus-Con Laboratories (Floor), Detroit, Mich.
Truscon Laboratories ("Agatex" Floor), Caniff & G. T. R. R., Detroit, Mich.
Vitrifix Co., 133 W Washington, Chicago, Ill.
Wearcrete Engineering Co. (Liquid), Peoples Gas bldg., Chicago, Ill.

5915a— Hardeners (Floor)

Am. Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
Antakwa Co. ("Liberty" Concrete), 212 N Jefferson, Chicago, Ill.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Malmed, A. T. & Co. ("Quickstone"), Penn Square bldg. Phila., Pa.
Toch Bros., 320 5th av, New York
Trus-Con Laboratories, Detroit, Mich.

5916—*Hardening & Tempering

See Case Hardening; also Steel Hardening
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Norris Noiseless Pedal Action Co., Stoughton, Mass.

5917— Hardies

Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Champion Tool Co. ("Champion" Farriers,' Round & Straight, also Blacksmiths'), Meadville, Pa.
Evansville Tool Works (Straight & Circular Cut), Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co. (Farriers), 879 Mt. Prospect av, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

5918—Hardware (Builders' Rustless)

Art Hardware & Mfg. Co., Seattle, Wash.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Columbian Hardware Co., Cleveland,, O.
Corbin P. & F., New Britain, Conn.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co. ("Russwin") New Britain, Conn.
Sager Lock Co., No Chicago, Ill.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

5919—Hardware from Architects' Designs

Corbin P. & F., New Britain, Conn.
Jackson Wm. H. Company, 2 W 47th, New York
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

5919a— Hardware (Garage)

Detroit Garage Equipment Co., 268 Jefferson av, Detroit, Mich.
Griffin Mfg. Co., Erie, Pa.
McKinney Mfg. Co. (Door-wrought Steel), Liverpool & Metrooplitan, Pittsburgh, Pa.
Railway Specialty Co., Atchison, Kans.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5919b—*Hardware (Light Box)

LUDWIG A. & CO., 75 Spring, New York

Hardware News

Monthly Hardware periodical, issued first of each month. Circulation covers all Hardware Jobbers of the United States and Canada and thousands of live Retail Hardware Merchants.

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5920— Hardware Mfrs.

See also Hardware, Wholesale; also Hinge Manufacturers; also Lock Manufacturers; also Door Hangers; also Door Knob Manufacturers; also Sash Balance Manufacturers; also Nail Manufacturers; also Sash Weights; also Chains, Sash; also Cutlery Manufacturers, etc

CALIFORNIA.

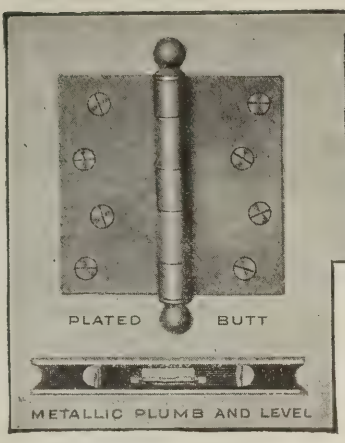
LOS ANGELES—Pacific Hardware Mfg. Co. (Builders, etc.)
SAN FRANCISCO—John's Hanger Mfg. Co. (Patent Door Hangers), 709 Harrison
Murray Bros. Machine Works (Marine), 231-233 Folsom
Western Brass Mfg. Co. (Builders), 217 Tahama

COLORADO.

PUEBLO—Brinkley-Curd Hdwe. & Implement Co.

CONNECTICUT.

BEACON FALLS— Bronson Homer D. Co (Brass Butts)
BRIDGEPORT—Acme Shear Co. (Shears & Tinners' Snips)
American Specialty Co. (Cast & Wrought Brass)
Am. Tube & Stamping Co. (Builders', Trunk & Saddlery, Pressed Steel) Dept. H.
Artistic Bronze Co. (Builders, Cabinet, etc)
Bassick Co. (Cabinet & Automobile), 38H Austin
Bridgeport Chain Co. ("Monarch". Bronze, "Bridgeport," Steel, Sash Chains, etc)
Bridgeport Hardware Mfg. Corp.
Cornwall & Patterson Co. (Piano & Organ)
Fray John S. Co. (Brace Bits)
Harvey Mfg. Co., Inc. (Piano & Player Piano), 1902 State
Hotchkiss Edw. S. (Light)
Smith & Egge Mfg. Co. (Pulleys. Chains, Pliers, Punches, etc)
White Mfg. Co. (Carriage)
BRISTOL—Barrett W. L (Glass Cutters)
Ladd W. C.
New Departure Mfg. Co. (Coaster Brakes, Bells & Gongs)
See adv index at end of book
Root Chas. J. Co. (Butts)
Sessions J. H. & Son

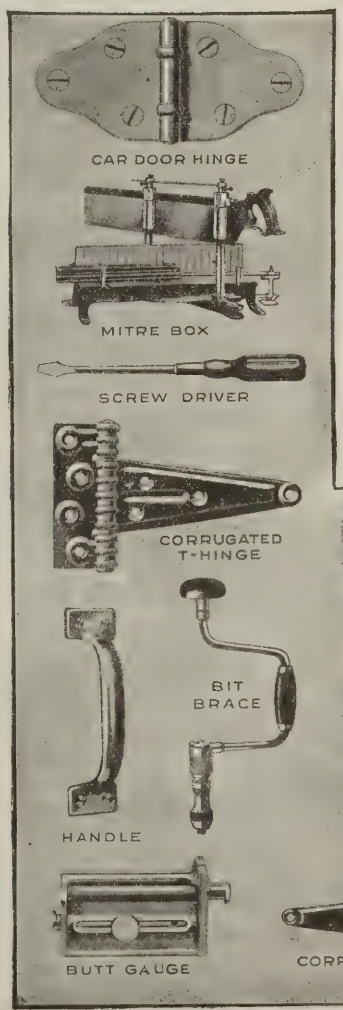




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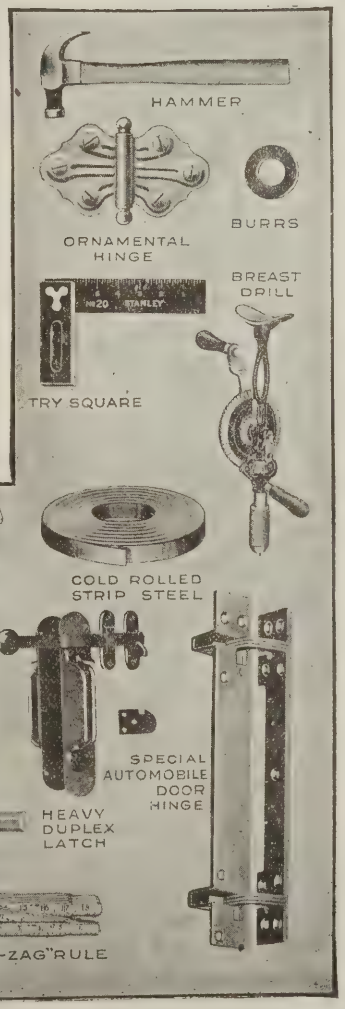
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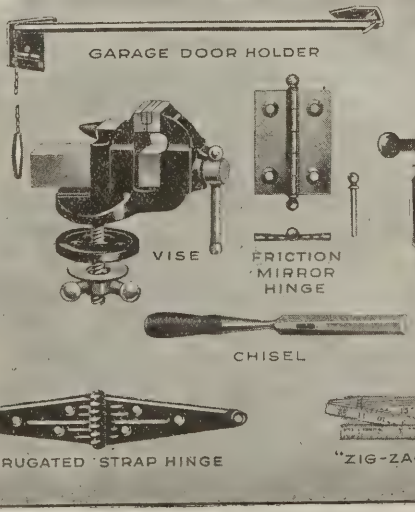
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KENSINGTON—Mosel Mfg. Co. (Specialties.) *See adv index at end of book*
HAMDEN—Henry John T. Mfg. Co. (Hammers, etc)
HARTFORD—Billings & Spencer Co.
Holt G. L. Co. (Specialties)
North & Pfeiffer Mfg. Co. (Specialties)
Taylor Mfg. Co. (Specialties)
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MERIDEN—Foster, Merriam & Co. (Cabinet)
International Silver Co. (Coffin Trimmings, etc)
Parker Chas. Co. (Window Trimmings, etc)
Wallace F. J. Co. Division ,Saddlery)
MIDDLETOWN—Chapman W. H. Co. (Saddlery)
Smith J. O. Mfg. Co. (Stationers')
Wilcox, Crittenden & Co., Inc., (Mrrine, etc)
See adv index at end of book
MILFORD—Rostand Mfg. Co. (Automobile & Car)
MOUNT CARMEL—Woodruff W. W. & Sons Co. (Carriage & Automobile Mountings)
NAUGATUCK—Russell J. M. Mfg. Co.
NEW BRITAIN—Corbin Cabinet Lock Co. (Trunk)
Corbin P. & F. (Builders')
Judd R. D. (Builders & Saddlery)
Landers, Frary & Clark (Cutlery & Hdw. Specialties)
North & Judd Mfg. Co. (Harness, Automobile, Baggage, Strap, Razor Strap & Dog Collar, Hardware, "Anchor Brand")
Russell & Erwin Mfg. Co. (Builders)
Stanley Rule & Level Plant (Carpenter Tools)
STANLEY WORKS (Wrought Steel Butts, Brackets, Garage, etc.)
See adv index at end of book
Taplin Mfg. Co. (Specialties)
Williams William Jr. (Specialties)
NEW HAVEN—American Rivet Co. (Saddlery)
Atlas Mfg. Co. (Brackets, Wire & Sheet Metal Specialties)
Beebe W. S. Co. (Specialties)
Cowles C. & Co. (Malleable & Brass Hinges & Locks)
E. V. B. Mfg. Co. (Automobile), Dept. H
English & Mersick Co. (Carriage & Automobile Hardware & Specialties)
Fitch W. & E. T. Co. (Sash Locks & Saddlery)
Ives H. B. Co. (Sash, Lock Lifts, Fasteners, etc.)
Kilborn & Bishop Co., 194 Chapel
North O. B. & Co. (Saddlery)
Ochsner A. & Son (Auto & Carriage, Locks, etc)
Perpente Mfg. Co. (Carriage)
Pfleghar Hardware Specialty Co. ("Automobile & Specialties")
Sargent & Co. (Locks, Builders', Cabinet & General Hardware)
Schollhorn Wm. Co. (Pliers, etc, & Hardware Specialties)
Scranton & Co. (Specialties)
Seward M. & Son Co. (Wagon)
NORWICH—Conn. Cord Iron Corp.
Turner & Stanton Co.
OAKVILLE—Smith Seymour & Son
PLAINVILLE—Calor C. H. (Light)
Clark A. N. & Son (Watchmakers' Tools, etc)
Hills Edwin (Harness, etc)
PLANTSVILLE—Blakeslee Forging Co. (Carriage)
Smith H. D. & Co. (Carriage)
Thomson Drop Forge Co. (Tool & Specialties)
Wood G. E. Tool Co. (Awning)
ROCKY HILL—Rocky Hill Hardware Co.
See adv index at end of book
SOUTHINGTON—**PECK, STOW & WILCOX CO.** (builders)
Southington Hardware Co.
SOUTH NORWALK—Lockood Mfg. Co. (Builders)
Norwalk Lock Co. (Builders)
STAMFORD—Davenport John Co. (Piano Plates, etc)
Excelsior Hdw. Co. (Cabinet, Furniture & Trunk Locks.)
Potter C. D. Co. (Piano)
Yale & Towne Mfg. Co. (Builders)
TERRYVILLE—Eagle Lock Co. (Locks, etc)
THOMPSONVILLE—Westfield Plate Co. (Coffin Trimmings)
TORRINGTON — Progressive Mfg. Co. ("Forstner" Bits)
Turner & Seymour Mfg. Co. (Upholstery & Drapery)
Union Hardware Co. (Skates & Hardware)
UNIONVILLE—Hart H. C. Mfg. Co. (Specialties)
Hogarty Edw. (Saddlery)
Humphrey H. W.
Monce S. G. (Light)
WALLINGFORD—Ives W. A. Mfg. Co. (Augurs & Bits)
Judd H. L. Co. (See New York)
WATERBURY—American Ring Co. (Upholstery & Cabinet)
Blake & Johnson Co. (Piano & Organ, etc), 1500 Thomaston av
See adv index at end of book
Electrical Appliance Mfg. Co. (Blind Fasteners)
Morden Mfg. Corporation (Rings & Loose-Leaf Devices for Ledgers, Pamphlets, etc)
Noera Mfg. Co. (Specialties)
Novelty Mfg. Co. (Specialties)
Plume & Atwood Mfg. Co. (Brass Butts, etc)
SCOVILL MFG. CO. (Specialties To Order Only).
See adv index at end of book
Shoe Hardware Co. (Buckles, etc)
Waterbury Brass Goods Corporation (Brass Butt Hinges)
Waterbury Foundry Co.
Waterbury Mfg. Co. (Saddlery, Brass & Nickel Trimmings)
WATERVILLE—Berbecker & Rowland Mfg. Co. (Upholstery & Cabinet)
WINSTED—Empire Knife Co. (Pocket)
Moore Franklin Co. (Carriage)
Morgan Silver Plate Co. (Casket & Coffin)
Strong Mfg. Co. (Casket & Coffins)
YALESVILLE—Prisk Wm. M. & Sons Mfg. Co. (Specialties)

DELAWARE.

WILMINGTON—Delaware Marine Mfg. Co. (Brass & Bronze Hinges, etc.)

GEORGIA.

ATLANTA—Wood A. A. & Sons Co. (Hardware & Tools)
GAINESVILLE—Gainesville Iron Works (Specialties)

ILLINOIS.

ARLINGTON HEIGHTS—Berbecker Julius & Sons Co. (Upholsterers')
AURORA—Aurora Door Hanger & Specialty Co.
Richards-Wilcox Mfg. Co. (Door Hangers & Kindred Specialties)
CHICAGO—Adjustable Clamp Co. 216 N Jefferson
American Nickel Wks (Show Case & Store Fixtures), 1415 Dayton
Amundsen A. & Co. (Specialties), 2134 Lawrence av
Austin & Eddy (Specialties), 11 S La Salle
Barrett W. C. & Bro. (Cabinet), 603 N La Salle
Beckley-Ralston Co., 1801 S Michigan av
Casement Hardware Co. (Specialties), 9 S Clinton
Cassady Fairbank Mfg. Co. (Specialties), 6126 La Salle
Chicago Hardware Foundry Co. (Builders', etc), 546 W Washington
Chicago Spring Butt Co. (Spring Hinges, etc), 1500 Carroll av
Coleman Hardware Co. (Builders), 122 S Michigan av
Cranston T. H. & Co. (Specialties), 56 E Randolph
Dexter & Newton (Specialties), 543 W 120th
Duffy, J. F., Jr., 563 Fulton
Duffy Mfg. Co. (Steel Tools & Hatchets), 214 W Grand av
Freeman Anthony (Specialties), 54 W Lake
Gardner Sash Pulley Co., 15 N Jefferson
Glogau & Co. (Specialties), Great Lakes bldg
Griffin Mfg. Co. (Hinges, Brackets, etc), 17 E Lake
Handy Mfg. Co., 29 E Madison
Harley Burglar Proof Ventilating Sash Lock Mfg. Co., 3341 Ogden av
Heath J. S. Co. (Furniture), Franklin & Ontario
See adv index at end of book
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Johnson & Walters Mfg. Co. (Carriage), 101 Baltimore av, Detroit, Mich.
Kainer & Co. (Marine), 761 Mather
Kienzie Wm. F. (Saddlery), 4855 W Paulina
Lawson Mfg. Co. (Ball Bearing, Pivot Floor Hinges, etc), 230 W Superior
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Payson Mfg. Co. (Builders', etc), 2918 W Jackson blvd
Pratt Wm. E. Mfg. Co., 35 W Lake
Pratt, Wm. E. Mfg. Co. (Specialties), 35 W Lake
Read A. P. Co. (Specialties), 563 W Washington
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av
Rixson, Oscar C. Co. (Builders), 4450 Carroll av
Seng Company (Specialties), 1450 Dayton
STANLEY WORKS (wrought Steel Butts, Brackets, etc.), 73 East
See adv index at end of book
Superior Spring Hinge Co. (Builders'), 136 W Lake
Vaughan & Bushnell Mfg. Co., 2114 Carroll av
Tressing E. & Co. (Specialties), 15 E Lake
Western Brass Mfg. Works (Inc.) (Builders' Cabinet, etc.), Marshall blvd & W 21st
Western Hardware Mfg. Co., 557 W Monroe
Wilcox Mfg. Co. (Builder), 4824 W Lake
Williams F. B. Co. (Specialties), 507 E 39th
Wilkins, Geo. H. Co., 180 N Market
Woodworkers' Hdwe. Mfg. Co. (Store Fixtures), 1415H Dayton
DANVILLE—Allith-Prouty Co. (Specialties)
DE KALB—Kohler Die & Specialty Co. (Specialties)
ELGIN—Elgin Silver Plate Co. (Casket)
Western Casket Hardw. Co. (Casket)
FREEPORT—Arcade Mfg. Co.
Stover Mfg. & Engine Co. (Builders, etc)
GALESBURG—Wenzelman Mfg. Co. (Specialties)
GENEVA—Burgess & Norton Mfg. Co. (Specialties)
HARVARD—Hunt, Helm, Ferris & Co. (Barn Door Hangers, Latches, etc)
LOCKPORT—Barrows Lock Co. (Builders)
MOLINE—Cooper H. W. Saddlery Hardware Mfg. Co.
NORTH CHICAGO—Chicago Hardware Foundry Co.
Great Lakes Mfg. Co.
Sager Lock Co. (Builders', etc)
OTTAWA—Porter J. E. Co. (Door Hangers, etc)
PANA—Progressive Mercantile & Mfg. Co. (Specialties)
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National Lock Co. (Cabinet)
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Lawrence Bros. (Door Hangers, Hinges, etc)
National Mfg. Co. (Builders, Door Hangers, etc)
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SYCAMORE—Turner Brass Works (Specialties)

INDIANA.

ANDERSON—Hardware Specialty Mfg. Co.
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Johnson & Biddle Tool Co.
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MAINE.

BATH—Torrey Roller Bushing Works (Marine)
Watson Frye Co., Ltd. (Marine)
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Gibson & Kirk Co. (Brass Marine), 217 Key Highway
Sinclair-Scott Co. (Specialties), Wells & Patapsco
Whiting, W. H. & Co. (Marine Specialties), 428 E Pratt
FREDERICK—Enterprise Hardware Mfg. Co.

HAGERSTOWN—Danzer Metal Works
Jones R. E. (Cold Storage Doors, Windows, etc)
Reisner, W. H. Mfg. Co., Inc. (Piano & Organ)
Victor Cooler Door Co. (Cold Storage Doors & Windows)

MASSACHUSETTS.

ATTLEBORO—Wilmarth W. D. & Co. Corp'n (Casket)
BOSTON—Austin & Eddy (Builders), 117 Broad
Bliss Bros. (Marine), 170 Commercial
Cutter Mfg. Co. (Specialties) Orient av, Everett Station
McGreece Jas. P. & Co. (Piano), 262 Dover
Moore Geo. W. (Piano), 14 Farnsworth
Morss A. S. Co. (Marine), 132 Federal
Norton Door Check Co., 170 Purchase
Tyler Mfg. Co., 64 Pearl
Wilkinson A. J. & Co. (Marine), 184 Washington
BROCKTON—Tuck Mfg. Co. (Tools & Cutlery)
CONWAY—Conant & Donelson Co.
FISKDALE—Snell Mfg. Co. (Bits, Augers, etc)
GREENFIELD—Goodell-Pratt Co. (Drills, Saw Blades), about 2000 Tools, etc.
Warner Mfg. Co. (Children's Carriages)
HOLYOKE—**COBURN TROLLEY TRACK MFG. CO.** (Sliding Hangers & Tracks), P. O. Box 127
MILLERS FALLS—Millers Falls Co.
NEEDHAM—Orr, Galen & Co. (Blind Trimmings, etc)
NEWBURYPORT—Victor Mfg. Co. ("Victor" Door Hangers, etc)
ORANGE—Adell Mfg. Co.
PEABODY—Marine Hardware Co. (Yacht)
SOMERVILLE—Forg Peter Mfg. Co. (Cabinet)
SPRINGFIELD—Bemis & Call Hardware & Tool Co.
STOUGHTON—Norris Noiseless Pedal Action Co. (Piano & Organ)
WESTFIELD—Rogers Silver Co. (Casket Mountings)
WINCHENDON—New England Lock & Hinge Co. (Tin Hinges, Chest Locks, etc)
WOLLASTON—Hall Wm. Co. (Colonial & Builders)
WORCESTER—Gifford A. W. & Co.
Hamblin & Russell Mfg. Co. (Specialties)
Wickwire Spencer Steel Corp.
See adv index at end of book
Wright & Sons Co. (Piano & Organ), 51 Jackson

MICHIGAN.

ADRIAN—Oliver Instrument Co.
DETROIT—Casket Hardware Mfg. Co. (Casket), 820 Warren
Detroit Register Co. (Specialties), 88 E Jefferson av
Detroit Shipbuilding Co. (Marine, Brass) ft. Orleans
Detroit Works (Builders), 238 E Larned
Douglas & Lomason Co. (Automobile), 5836 Lincoln av
Harry Bros. Mfg. Co. (Cabinet & Furniture), 282 Woodbridge
P R Mfg. Co. (Electric Bells)
GRAND HAVEN—Am. Brass Novelty Co. (Refrigerator)
GRAND RAPIDS — **GRAND RAPIDS BRASS CO.** (Furniture)
See adv index at end of book
Grand Rapids Hardware Co.
Hardware Supply Co. (Door Catches, etc)

MINNESOTA.

ALBERT LEA—Enderes, Inc.
ANOKA—Thurston Manual Training Supply Co. (Cabinet)
FERGUS FALLS—Fergus Iron Works Co. (Sash Weights, Sinks, etc),
MINNEAPOLIS—Whitney Window Corp. (Casement Window)
ST. PAUL—Borreson Mfg. Co. (Specialties)

MISSOURI.

ST. JOSEPH—Carswell David (Specialties)
ST. LOUIS—American Foundry & Mfg. Co., 11th & Hebert
Beehler Mfg. Co.
Hager C. & Sons Hinge Mfg. Co. (Hinges & Specialties)
Nixdorff-Krein Mfg. Co., 900 Howard
Rinie Geo. M. Hardware Co., 2101 Gravois av
St. Louis Hardware Mfg. Co., 1519 N 18th
St. Louis Trunk Hdw. Mfg. Co. (Specialties)

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NASHUA—Highton Wm. & Sons Co. (Cabinet, Desk & Specialties to Order)
Nashua Saddlery Hardware Co.

NEW JERSEY.

BELLEVILLE—Knickerbocker Mfg. Co.
NEWARK—Brabson Bros. (Specialties), Hamilton
Buermann August Mfg. Co. (Bits, Spurs, Stirrups, etc), 220 Jeliff av
Crane W. T. Carriage Hardware Co., 165 Mulberry
Freeman A. W. (Saddlery), 229 Mulberry
Gilchrist Co. (Specialties), 236 Bank
Goldsmith L. & Son (Trunk), Cherry
Gould's M. Sons & Co. (Trunk), 115 Lafayette
Havell Mfg. Co. (Trunk & Bag Trimmings), 284 Washington
Huebel Mfg. Co. (Specialties), 103 Monroe
Jenkinson R. C. & Co. (Sheet Metal & Wire Goods), 289 Washington
Lowentraut P. Mfg. Co., 36 Brenner
Lukes Wm. (Stationers & Novelties), 857 S 19th
National Mfg. & Steel Supply Co. (Tools & Specialties), 781 Summit
Reynold-Zahn Co. (Saddlery), 46 Mechanic
Romer & Co. (Inc.) (Lock, etc), 275 Passaic
Sargeant Mfg. Co. (Saddlery), 79 Summit
Sayre L. A. Co., 332 Mulberry
Searls Mfg. Co. (Carriage Mountings), 29 Mulberry
Smith, Frank F. Hardware Co. ("Smith's Improved Builders"), 81H Clay
Smith G. L. & Co. (Saddlery), 50 Spring
Steffens-Amberg Co. (Saddlery), 262 Morris av
Strieby & Foote Co. (Carriage), 301 Ogden
Thomas T. & Co. (Locks), 144 Mulberry
Wheaton A. W. Brass Works (Builders') 110 Walnut
Whitehouse Le Compte Mfg. Co. (Saddlery, Silver Trimmings), 44 Elm
Wiener-Barnet Co. (Saddlery), 329 Adams
Wiss J. & Sons (Cutlery), 31 Littleton av
PHILLIPSBURG—Galvanized Products Co. (Pole Line)
TRENTON—Climax Porcelain Co. (Door Knobs)
Skillman Hardware Mfg. Co. (Locks & Knobs)

NEW YORK.

ALBANY—Gomph Henry G. & Co. (Saddlery, Tools)
AUBURN—Clapp E. D. Mfg. Co. (Carriage), 300 Genesee
Eccles Richard Co. (Carriage, etc)
BINGHAMTON—Binghamton Hardware Specialty Co. (Specialties)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Ajax Hardware Mfg. Co., 1100 Military rd
Buffalo Specialty Co., 375 Ellicott
Climax Lock & Ventilator Co., 656 Michigan av
Dorries & Co. (Saddlery)
North Buffalo Hardware Foundry Co., 743 Hertel av
Phoenix Hardware Co. (Specialties)
Pratt & Letchworth Co. (Carriage)
CORTLAND—Nelson & Call Co. (Carriage)
EAST AURORA—Forsyth Metal Goods Co (Specialties)
EAST ROCHESTER—Brainerd Mfg. Co.
ELMIRA—Cronk & Carrier Mfg. Co. (Specialties), 150 Lake
See adv index at end of book
GENEVA—Geneva Cutlery Corp.
HERKIMER—Quackenbush, H. M.
INTERLAKEN—Covert Saddlery Works
JAMESTOWN—Crescent Tool Co., 200 Harrison (Specialties)
Ellison Brass Mfg. Co. (Special)
Weber-Knapp Co. (Furniture & Phonograph)
KINGSTON—Ramsey Chas. Co. (Piano)
LITTLE FALLS—Cheney Hy. Hammer Co. (Hammers, etc)
MANLIUS—Cheney S. & Son (Grey Iron Specialties)
MECHANICSVILLE—Lynd L. E. Mfg. Co. (Piano)
MEDINA—Swett A. L. Iron Works (Specialties)

NEW YORK CITY.

Borough of Brooklyn

Bommer Spring & Hinge Co., 263 Classon av
Brass Goods Mfg. Co. (Builders, Refrigerator & Specialties), 345 Eldert
H. & A. Lock Co. (Trunk), 243 44th
Kroder John & Henry Reubel Co., Meeker av
Sterling Casket Hardware Co., 383 Kent av
Tiebout C. H. & Sons (Marine), 31 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Bayer Gardner-Himes Co. (Builders'), 101 Park av
Burglar Proof Lock & Hardware Corp. ("Segal" Burglar Proof Locks, etc), 75 Fulton
Christensen Rudolph (Cabinet), 107 Chambers
Corbin P. & F. Div., 101 Park av
Creamer W. G. & Co. (Car), 96 John
Durkee Chas. D., & Co. (Marine), 3 South
Ford Hardware Co., Inc. (Builders), 25 W 25th
Gerstner A. W. Co. (Hardware Tools & Cutlery), 634 8th av, New York
Gould-Mersereau Co. (Upholstery), 52 W 38th
Greene, Tweed & Co., 109 Duane
Guerin P. E. (Inc.), 21 Jane
Haas Henry & Son (Piano), 1909 Park av
Heitler Kurt (Specialties), 221 4th av
Jennings C. E. & Co. (Mechanics' Tools & Specialties), 71 Murray
Judd H. L. Co. (Upholstery, Stationery & Fancy), 87 Chambers, Works: Wallingford, Conn.
Kell Francis & Son, 401 E 163d
McCABE HANGER MFG. CO. (Bolts & Door Hangers), 426-428 W 25th, New York
See adv index at end of book
Marine Mfg. & Supply Co. (Marine), 158 South
Morton Thos. (Sash Chains, etc), 245 Center
Neptune Hdwe. Mfg. Co. (Awning), 39 Murray
N. Y. Piano Hdwe. Co., 315 5th av
Peck, Stow & Wilcox Co. (Hinges, etc.), 428 E 48th
Russell & Erwin Mfg. Co., Div of N. Y., 96 Lafayette
Sargent & Co., 94 Centre
Segal Lock & Hardware Co., Inc., 155 Leonard
Smith & Egge Mfg. Co., 258 B'way
SMITH & HEMENWAY CO., INC., 261 H. B'way; also 130 H. Colt, Irvington, N. J.
See adv index at end of book
STANLEY WORKS, 100 Lafayette
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Tiebout W. & J. (Brass & Galvanized), 118 Chambers
U. S. Rubber Co. (Buckles, etc), 1790 B'way

(End of New York City)

NIAGARA FALLS—Niagara Falls Metal Stamping Works (Specialties)
NORWICH—Maydole David Hammer Co. (Hammers only)
OGDENSBURG—Newell Mfg. Co. (Upholstery, etc.)
POUGHKEEPSIE—Lane Bros. Co. (Door Hangers, etc.)
Schatz Mfg. Co. (Specialties)
ROCHESTER—Caldwell Mfg. Co. (Sash Balances, etc.), 8 Jones
Clark H. E. & Bros. (Specialties, Brighton)
Pullman Mfg. Co. (Sash Balances, Door Checks, Safety Razor Strappers)
SARGENT & GREENLEAF, INC. (Locks)
See adv index at end of book
Snellex Mfg. Co., Dept. H
SCHENECTADY—S. R. Mfg. Co.
SYRACUSE—Frazer & Jones Co. (Saddlery)
Stearns E. C & Co (Door Hangers, etc.), 450 Oneida
TROY—Covert Mfg. Co. (Saddlery)
King Jos Mfg. Co (Skates)
Read O B. Mfg Co (Saddlery)
West Side Fdry Co (Piano)
WATERTOWN—Wise J. B. Inc. (Specialties of Pressed Work)

OHIO.

AKRON—Enterprise Mfg. Co. (Saddlery)
ASHLAND—Myers F. E. & Bro. (Builders' Hardware), 900 Fourth
See adv index at end of book
Safety Door Hanger Co.
CANTON—Elbel Co. (Saddlery, etc.)
Kohler F. E. Co. (Specialties)
Ney Mfg. Co. (Hangers, etc.)
Novelty Cutlery Co. (Cutlery Mfrs.)
Swineford G. A. Co. (Door Hangers, etc.)
CINCINNATI—Crane & Breed Mfg. Co. (Casket), 1227 W 8th
Enterprise Brass & Plating Co. (Vehicle Mountings), 6th & Baymiller
Haven Malleable Castings Co. (Carriage & Saddlery), Dept. H
Metal Specialty Co., 6th & Burns
Monarch Carriage Goods Co.
National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc)
Queen City Forging Co. (Carriage), Tennyson & Dumont, Columbia
Schriver O. P. & Co. (Specialties), 621 E Pearl
Schroder J. B. Co. (Locks, Bldrs. Hardware, etc), 133 E 5th
CLEVELAND—Cleveland Hardware Co., Lakeside av & E 45th
Cochrane J. A. Brass Mfg. Co. (Specialties), 1403 E 40th
Columbian Hardware Co.
Cray Bros. (Carriage), 1111 W 11th
Eberhard Mfg. Co. (Carriage, Wagon & Automobile), C. & P. Ry & Tennyson rd
Fanner Mfg. Co. (Specialties)
Globe Machine & Stamping Co. Manufactured to Order), 1250 W 76th, Cleveland, O.

HARDWARE MFRS.—continued
OHIO—Cleveland—continued
Independent Register & Mfg. Co. (Specialties), 713 Frankfort
Langenau Mfg. Co. (Casket), 8403 Franklin av
PECK STOW & WILCOX CO. (Builders), 2172-2232 W 3rd
Russ Co., 5700 Walworth av, S W
Sanymetal Products (Toilet), 978H E 64th
Taylor & Boggis Fdry. Co. (Builders, etc.)
Walworth Run Foundry Co. (Specialties), 2488 W 27th
COLUMBUS—Columbus-McKinnon Chain Co. (Saddlery)
See adv index at end of book
DALTON—Martin S. B. (Door Hangers, etc.)
DAYTON—Thomson S. H. Mfg. Co.
FREMONT—Herbrand Co. (Carriage & Wagon)
GENEVA — Champion Hardware Co. (Locks, etc.)
HAMILTON — **HAMILTON CASTER & MFG. CO., THE** (Casters, etc.)
See adv index at end of book
KENT—Miller J. B. Keyless Lock Co.
MANSFIELD—Mansfield Electric Hardware Co. (Specialties)
MINERVA—Minerva Mfg. Co. (Bldrs. & Specialties)
RAVENNA—Williams A. C. Co.
SHELBY — Shelby Spring Hinge Co. (Hinges, etc.)
Standard Mfg. Co. (Hinges, etc.)
WARREN—Warren Tool & Forge Co.
See adv index at end of book
WEST TOLEDO—Toledo-Reynolds Mfg. Co. (Specialties)

PENNSYLVANIA.

ALLENTOWN — Kline Hardware Co.
BRACKENRIDGE—Western Tool & Forge Co., Awnings, etc.)
BRADFORD—Tru Lite Mfg. Co. ("Tru-Lite" Builders), Dept. H
COLUMBIA—U. S. Lock & Hardware Co.
ELDRED—Prouty C. & Co. (Tools, etc.)
Walker C. L. & Co. (Ice Picks, Cork Screws, Cork Pullers, etc.), 656 W 12th
Griffin Mfg. Co. ("Griffin" Strap & T Hinges, Brackets, Door Bolts, etc.)
FULLERTON—Dent Hardware Co.
GIRARD—Ely, Theo. Mfg. Co.
LANCASTER—Excelsior Lock & Hdwe. Co. (Padlocks & Specialties)
Miller J. Walker Co. (Specialties)
Safe Padlock & Hardware Co. (Shelf-Hardware)
Slaymaker Lock Co. (Builders, Car & Ship)
LEONA—Ely E. C. Co. (Specialties)
MECHANICSBURG—Wilcox D. Mfg. Co. (Carriage)
MOUNT JOY—Rollman Mfg. Co., Ltd. (Specialties)
NORTHUMBERLAND—Keystone Forging Co. (Carriage)
NORTH EAST—Fernald Mfg. Co. (Quick Shifts Anti-Rattlers, Whip Sockets, etc.
PHILADELPHIA—Andrews Mfg. Co. (Door Knobs), 388 Harmony
Berger Bros. Co. ("Keystone" Boiler Handles), 229 Arch
Brewer Bros. Co. (Builders), 2nd & Somerset
Brohard Co. (Doorholders, etc.), 3rd & Lehigh)
Carey, McFall Co. (Auto Body), 2154H S Dauphin
Devlin Thos. Mfg. Co. (Carriage, Saddlery, Builders, etc.), 3d & Lehigh av
Dowler Chas. L. (Carriage), 108 N 3d
Dunn & Eldridge Co. (Upholstery), 6 N 6th
Enterprise Mfg. Co. of Pa. (Specialties), 3d & Dauphin
Gem Stopper Co. "Gesco" (Wire), 2120 Nicholas av
Kensington Hdwe. & Tool Mfg. Co. (Axe, Saws, Planes & Trowels), 410 Mechanic, Germantown
Miller Lock Co. (Locks), 4523 Tacony, Fkd.
Mousley's Chas. Sons (Car, Brass & Bronze), 457 N 12th
Nock Geo. W. Co. (Locks), 126 N 4th
North Bros. Mfg. Co. (Screw Drivers & Specialties), Lehigh av & American
Parsons Specialty & Machine Works (Specialties in Metal & Wire), 2427 N 4th
Peters James & Son (Hinges), 1934 N Front
Phila. Hdwe. & Mall. Iron Wks. (Awning), 9th & Jefferson
Royal Mfg. Co. (Household Specialties), 406 Commerce
Sutterley, G. T. & Co. (Trunk), 1720H N 2nd
PITTSBURGH—B. B. Specialty Co., H, 433 Liberty av
Hubbard & Co., 62nd & Butler
Lanz M. & Sons (Hinges, etc), 2907 Carson
McKinney Mfg. Co. (Hinges, Butts, Door Hangers), Liverpool & Metropolitan
Oliver Iron & Steel Co. (Wagon), S 10th & Muriel
READING—Chantrell Hardware & Tool Co. (Builders' & Shelf)
Reading Hardware Co. (Awning & Cabinet)
POTTSTOWN—Colebrookdale Iron Co. (Specialties)
Gray Iron Fdry. Co.
Penn Hardware Co. (Builders, etc)
Rapp Philip
Reading Hardware Co. (Builders, etc.)
Reading Saddle & Mfg. Co. (Household Specialties)
SHARON—Sharon Hardware Mfg. Co. (Builders)
WRIGHTSVILLE—Wrightsville Hardware Co. (Builders & Specialties)

RHODE ISLAND.

WOONSOCKET—Perforated Pad Co. (Saddlery)

TENNESSEE.

CHATTANOOGA — American Mfg. Co. (Harness & Builders)
McGregor J. F. & Co. (Specialties)
Southern Skein & Foundry Co. (Wagon)
MEMPHIS — Pidgeon-Thomas Iron Co. (Heavy), Dept. H
NASHVILLE—Cumberland Foundry & Mfg. Co. (Specialties)

VERMONT.

WINDSOR—Hubbard & McClary (Specialties, Hangers)

WASHINGTON.

SEATTLE—Art Hardware & Mfg. Co. (Builders)

WISCONSIN.

BERLIN—Peck C. A. Hardware Co. (Specialties)
JANESVILLE—Strickler Hay Tool Co.
LA CROSSE—Stamping & Tool Co. (Dies, Tools & Specialties)
MILWAUKEE—Bolles Wm. B., P. O. Box 600M *See adv index at end of book*
GENDER, PAESCHKE & FREY CO. (Specialties), 1314-1790 St. Paul
See adv index at end of book
Loeffelholz Co. (Cabinet)
Luitink & Sons Mfg. Co. (Door Hangers), 775 18th
Schartow Mfg. Co. (Saddlery)
Western Hdwe. Mfg. Co. (Specialties), 858 3d
Winter R. G. Mfg. Co. (Specialties), 2102 Vliet
Young Specialty Co., 2220 Vliet
NORTH MILWAUKEE—Wagner E. R. Mfg. Co. (Specialties for Children's Vehicles)
RACINE—Beffel Frank Mfg. Co. (Specialties)
Harvey Spring & Forging Co. (Wagon)
Imperial Bit & Snap Co. (Saddlery, etc)
Racine Malleable & Wrought Iron Co. (Saddlery)
Wisconsin Metal Products Co. (Specialties)
SOUTH MILWAUKEE—Lime Material Co.
Stowell Co., The (Wagon Malleables, Clevises, etc)
WEST ALLIS—Milwaukee Stamping Co. (Trunk & Bag)

Hardware Mfrs. (Automobile)

See Mountings, Automobile: also Hardware Manufacturers. Carriage

5921—Hardware Mfrs. (Automobile & Carriage Top)

Ashtabula Bow Socket Co., Ashtabula, O.
Auto Specialties Mfg. Co. (Inc.), (Auto Top), Joliet, Ill.
Buermann August Mfg. Co. (Auto Top), Newark, N. J.
Cleveland Hardware Co. (Auto Top), Lakeside av & E 45th, Cleveland, O.
Crandal, Stone (Division The Brewer-Tichener Corp.), Binghamton, N. Y.
Detroit Socket Co., 834 W Jefferson, Detroit, Mich.
E. V. B. Mfg. Co., New Haven, Conn.
Wheel B. Top & Hdwe. Co., 127 E 8th, Cincinnati, O.
York Hdwe. & Brass Wks., Inc., York, Pa.

5922—Hardware Mfrs. (Awning)

Boyle John & Co., 112 Duane, New York
Cleveland-Akron Bag Co., Cleveland, O.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Neptune Hardware Mfg. Co., 29 Murray, New York
Phila. Hdwe. & Mall. Iron Wks., 9th & Jefferson, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stant Geo. Machine Works, Connersville, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Wilcox, Crittenden & Co, Inc., Middletown, Conn. *See adv index at end of book*

5923—Hardware Mfrs. (Billiard Table)

Chicago Hardware Fdry. Co., No. Chicago, Ill.
Dent Hardware Co., Fullerton, Pa.

5924—Hardware Mfrs. (Cabinet)

American Mfg. Co., Chattanooga, Tenn.
American Ring Co., Waterbury, Conn.
Artistic Bronze Co., Bridgeport, Conn.
Bassick Co., 38H Austin, Bridgeport, Conn.
Berbecker Julius & Sons Co., Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Bulman E. O. Mfg. Co., Grand Rapids, Mich.
Chicago Hardware Fdry. Co., No. Chicago, Ill.
Christensen Rudolph, 107 Chambers, New York
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Corbin Cabinet Lock Co., New Britain, Conn.
Foster, Merriam & Co. (Casters, Pulls, Knobs, Escutcheons, etc), Meriden, Conn.
GRAND RAPIDS BRASS CO., Grand Rapids, Mich.
See adv index at end of book
Greene, Tweed & Co., 109 Duane, New York
Guerin P. E. (Inc.), 21 Jane, New York
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co. (Also Desk), Nashua, N. H.
Keystone Friction Hinge Co. (Furniture Hardware Specialties), Williamsport, Pa.
Knape & Vogt Mfg. Co., Grand Rapids, Mich.
Loeffelholz Co., Milwaukee, Wis.
National Brass Mfg. Co., Cincinnati, O.
National Lock Co. (Brass & Plated), Rockford, Ill.
Niessen Bros. & Co., 3153 Army, San Francisco, Cal.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sessions, J. H. & Son (For Furniture), Bristol, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Thurston Manual Training Supply Co., Anoka, Minn.
Walstad Machine Co., Tacoma, Wash.
Weber-Knapp Co. (For Furniture & Phonographs), Jamestown, N. Y.
Williams F. B. Co., 507 E 39th, Chicago, Ill.
Woodworkers' Hardware Mfg. Co., 1415 Dayton, Chicago, Ill.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

5925—Hardware Mfrs. (Car)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Creamer W. G. & Co., 96 John, New York
Dayton Mfg Co., Dayton, O.
Delaware Marine Mfg. Co. (Brass & Bronze), Wilmington, Del.
Mousley's Chas. Sons (Brass & Bronze), 457 N 12th, Phila., Pa.
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

5926—Hardware Mfrs. (Carriage)

American Brass Novelty Co., Grand Haven, Mich.
American Shovel and Stamping Co., Lorain, Ohio
Baldwin E. N. Shelton, Conn.
Bassick Co. (Automobile), 38H Austin, Brdgeport, Conn.
Beckley-Ralston Co. (Automobile), 1801 S Michigan av, Chicago, Ill.
Blakeslee Forging Co., Plantsville, Conn.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hardware Co. (Also Wagon), Lakeside av & E 45th, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone (Division The Brewer-Tichener Corp.) (Also Wagon & Automobile), Binghamton, N. Y.
Crane W. T. Carriage Hardware Co. (Iron, Steel, Wheels, etc), 165 Mulberry, Newark, N. J.
Cray Bros. (Jobbers), 1111 W 11th, Cleveland, O.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa
Douglas & Lomason Co. (Automobile), 5836 Lincoln av, Phila., Pa.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd. Cleveland, O
Eccles Richard Co. (Also Drop Forgings), Auburn, N. Y.

GRAND RAPIDS BRASS COMPANY

GRAND RAPIDS, MICH.

Manufacturer of Hardware

REFRIGERATOR		FURNITURE		PHONOGRAPH
Locks	Hinges	Pulls	Desk Slides	Tone Rods
Latches	Faucets	Knobs	Escutcheons	Lid Supports
Levers	Cupholders	Sockets	Sliding Shoes	Automatic Stops
Lid Lifts	Drip Cups	Catches	Hat Hooks	Needle Cups, etc.

Samples and Prices will be furnished the manufacturing trade on request

English & Mersick Co., New Haven, Conn.
Franklin Park Foundry Co., Franklin Park, Ill.
Harvey Spring & Forging Co. (Wrought Wagon), Racine, Wis.
Haury Hardware Co., 470 Broadway, Cleveland, O.
Haven Malleable Casting Co., Dept. H, Cincinnati, O.
Herbrand Co., Fremont, O.
Hesse W. G. & Son Mfg. Co. (Wagon), Leavenworth, Kan.
Johnson & Walters Mfg. Co., 101 Baltimore av, Detroit, Mich.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Monarch Carriage Goods Co., Cincinnati, O.
Moore Franklin Co., Winsted, Conn.
Mossman, Yarnelle & Co. (Bow Sockets), Ft. Wayne, Ind.
Nelson & Call Co., Cortland, N. Y.
Ochsner A. & Son (Coach & Carriage Lamps), New Haven, Conn.
Oliver Iron & Steel Co. (Wagon), S 10th & Muriel, Pittsburgh, Pa.
Perpente Mfg. Co., New Haven, Conn.
Pratt & Letchworth Co., Buffalo, N. Y.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Searls Mfg. Co. (And Carriage Mountings), 29 Mulberry, Newark, N. J.
Seward M. & Son Co. (Wagon), New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Southern Skein & Foundry Co. (Wagon), Chattanooga, Tenn.
Stant Geo. Machine Works, Connersville, Ind.
Stowell Co., The (Wagon Malleables, Clevises, etc.), South Milwaukee, Wis.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Studebaker Corp. (Also Wagon), South Bend, Ind.
Upson Nut Co., Cleveland, O.
Warner Mfg. Co. (Children's), Greenfield, Mass.
Wheel B. Top & Hdwe. Co. (Also Wagon), 127 E 8th, Cincinnati, O.
White Mfg. Co., Bridgeport, Conn.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Woodruff Walter W. & Sons Co. (Carriage & Automobile Mountings, etc), Mt. Carmel, Conn.

5927—Hardware Mfrs. (Casket)

Aluminum Castings Co. (Castings) 2210 Harvard, Cleveland, O.
Casket Hardware Mfg. Co., 820 W Warren, Detroit, Mich.
Cincinnati Coffin Co., Richmond, Carr & Fillmore, Cincinnati, O.
Crane & Breed Mfg. Co., 1227 W 8th, Cincinnati, O.
Elgin Silver Plate Co., Elgin, Ill.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
International Silver Co. (Silver Plated), Meriden, Conn.
Langenau Mfg. Co., 8403 Franklin, N W, Cleveland, O.
Meriden Britannia Co., Meriden, Conn.
Morgan Silver Plate Co. (And Funeral Supplies), Winsted, Conn.
National Brass Mfg. Co. (Hearse Trimmings), Cincinnati, O.
Rogers Silver Co., Westfield, Mass.
Sargent & Co., New Haven, Conn.
Schmid Mfg. Co., Dubuque, Ia.
Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.
Strong Mfg. Co., Winsted, Conn.
Western Casket Hardware Co., Elgin, Ill.
Wilmarth W. D. & Co., Attleboro, Mass.

5928-9—Hardware Mfrs. (Fire Door)

Allith-Prouty Co. ("Allith" & "Prouty"), Danville, Ill.
Bolles Wm. B., P. O. Box 600M, Milwaukee, Wis.
See adv index at end of book
Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.

Hardware Mfrs. (Furniture)

See Hardware Mfrs., Cabinet

5930—Hardware Mfrs. (Marine)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Bliss Bros., 170 Commercial, Boston, Mass.
Bonney Forge & Tool Works, Allentown, Pa.
Campbell A. S. Co. ("Cello" Motor Boat Electric Lighting Systems), 276 Commercial, Boston, Mass.
Delaware Marine Mfg. Co. (Brass & Bronze), Wilmington, Del.
Dent Hardware Co., Fullerton, Pa.
Detroit Shipbuilding Co. ("Kirby") (Brass Department), ft. Orleans, Detroit, Mich.
Durkee Chas. D. & Co., 2 South, New York
Ellison Brass Mfg. Co. (Port Holes), Jamestown, N. Y.
Gibson & Kirk Co. (Brass), 217 Key Highway, Baltimore, Md.
Gloucester Block Co. (Fittings), Gloucester, Mass.
Greene, Tweed & Co., 109 Duane, New York
Kainer & Co. (Marine), 761 Mather, Chicago, Ill.
Laughlin, Thos. Co., Portland, Me.
See adv index at end of book
McMillan's W. H. Sons, 153 South, New York
Marine Hdw. Co. (Yacht), Peabody, Mass.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Marine Mfg. & Supply Co., 158 South, New York
Mead John J. Co., 75 Barclay, New York
See adv index at end of book
Morss A. S. Co. (Motor Boat Fittings, etc), 132 Federal, Boston, Mass.
Mousley's Chas. Sons (Brass, Bronze, etc), 457 N 12th, Phila., Pa.
Murray Bros. Machine Works, 231-233 Folsom, San Francisco, Cal.
Neptune Hardware Mfg. Co., 29 Murray, New York
Norwalk Lock Co., South Norwalk, Conn.
Phila. Hdwe. & Malleable Iron Wks., 9th & Jefferson, Phila., Pa
Pullman Mfg. Co., Rochester, N. Y.
Sargent & Co (All Kinds), New Haven, Conn.
Slaymaker Lock Co. (Also Ship), Lancaster, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Tiebout W. & J. (Brass & Galvanized), 118 Chambers, New York
Torrey Roller Bushing Works, Bath, Me.
Union Hardware Co., Torrington, Conn.
Upson Walton Co., 1294 W 11th, Cleveland, Ohio
Watson Frye Co., Ltd., Bath, Me.
Whiting, W. H. & Co., 428 E Pratt, Baltimore, Md.
Wilcox, Crittenden & Co., Inc., Middletown, Conn.
See adv index at end of book
Wilkinson A. J. & Co., 184 Washington, Boston, Mass.

5931—Hardware Mfrs. (Metal Window)

Smith, Frank F. Hardware Co. ("Smith's" Pivoted Window Hardware, etc), 81 Clay, Newark, N. J.

5932—Hardware Mfrs. (Piano Player)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Elgin Metal Novelty Co., Elgin, Ill.
Monarch Tool & Mfg. Co., The, 122 Opera pl., Cincinnati, O.
Norris Noiseless Pedal Action Co., Stoughton, Mass.
Standard Player Hdwe. Co., 512 W 36th, New York

5933—Hardware Mfrs. (Piano & Organ)

Advance Felt & Cutting Co., 380 S. Jefferson, Chicago, Ill.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Hardware Fdry. Co., 546 W Washington, N Chicago, Ill.
Cornwall & Patterson Co., Bridgeport, Conn.
Davenport John Co., Stamford, Conn.
Elkhart Hardware Mfg. Co. (Piano Only), Elkhart, Ind.
Haas Henry & Son, 1909 Park av, New York
Harvey Mfg. Co., Inc. (Piano & Player Piano), 1902 State, Bridgeport, Conn.
Hedason Mfg. Co. (Piano only) 1041 State, New Haven, Conn.
Lynd L. E. Mfg. Co., Mechanicsville, N. Y.
McGreece Jas. P. & Co., 262 Dover, Boston, Mass.
Miller J. Walter Co., Lancaster, Pa.
Monarch Tool & Mfg. Co., The (Automatic Piano Accessories, Well Bores, Magazine Slots, Re-wind Machines, Coin Slides), 122 Opera pl., Cincinnati, O.
Moore Geo. W., 44 Farnsworth, Boston, Mass.
New York Piano Hardware Co., 315 5th av, New York
Norris Noiseless Pedal Action Co., Stoughton, Mass.
Oakville Co. ("Oco" Hinges), Waterbury, Conn.
Octo Engng. Ass'n, Inc., Rochester, N. Y.
Potter C. D. Co., Stamford, Conn.
Ramsey Chas. Co., Kingston, N. Y.
Reisner W. H. Mfg. Co. (Electro Magnets), Hagerstown, Md.
Stant Geo. Machine Works (Piano), Connersville, Ind.
West Side Foundry Co., Troy, N. Y.
Wickham Piano Plate Co., Springfield, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wright & Sons Co., 51 Jackson, Worcester, Mass

5934—Hardware Mfrs. (Pivoted Window)

Facile Window Co. ("Facile"), 103 Park av, New York
Grant Pulley & Hardware Co, 101 Park av, New York
Peters Jas. & Son ("Peters"), 1934 N Front, Phila., Pa.
Smith Frank Hardware Co. ("Smith"), 81 Clay, Newark, N. J.
Steiner & Voegtly Hardware Co. ("Giesey"), 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture ("Tabor"), 63 Polk, Newark, N. J.

5935—Hardware Mfrs. (Saddlery)

American Chain Co., Bridgeport, Conn.
American Hame & Bit Co., 59 N. J. R. R. av, Newark, N. J.
American Mfg. Co., Chattanooga, Tenn.
Am. Tube & Stamping Co. (Pressed Steel), Bridgeport, Conn.
Atchison Saddlery Co., Atchison, Kan.
Brabson Bros., 47 Hamilton, Newark, N. J.
Buermann August Mfg. Co. (Bits, Spurs, Stirrups, etc), 220 Jeliff av, Newark, N. J.

HARDWARE MFRS. (SADDLERY)—c't

Chapman W. H. Co., Middletown, Conn.
Hill & Langstroth (Wholesale), 79 Beekman, New York
Jenkinson R. C. & Co. (Sheet Metal & Wire Goods, etc), 293 Washington, Newark, N. J.
Columbus McKinnon Chain Co., Columbus, Ohio
See adv index at end of book
Cooper H. W. Saddlery Hardware Mfg. Co., Moline, Ill.
Cotton Mfg. Co., Montpelier, Vt.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Diamond Whip Co. (Leather, Braided Bridles, Leather Face Nets), 406 N Curtis, Chicago, Ill.
Dorries & Co., Buffalo, N. Y.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O
Elbel Co. ("Owl Brand"), Canton, O.
Enterprise Mfg. Co. ("Pflueger" Metal & Inlaid Rosettes, Ornaments, Letters, Figures, Buckles, etc), Akron, O.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co. ("Staple Brand"), Syracuse, N. Y.
Gomph Henry G. & Co. (Tools), Albany, N. Y.
Greacen & Co., 480 Washington, Newark, N. J.
Harsh-Miller Mfg. Co., Wabash, Ind.
Haven Malleable Castings Co., Cincinnati, Ohio
Hills Edwin (Harness, etc), Plainville, Conn.
Hogarty Edward, Unionville, Conn.
Imperial Bit & Snap Co., Racine, Wis.
Judd R. D., New Britain, Conn.
Kienzle Wm. F., 4855 N Paulina, Chicago, Ill.
Nashua Saddlery Hdw. Co., Nashua, N. H.
North O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co. ("Anchor Brand" Saddlery, Blankets, etc.), New Britain, Conn.
Perforated Pad Co., Woonsocket, R. I.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Read O. B. Mfg. Co., Troy, N. Y.
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.
Sargeant Mfg. Co., 79 Summit, Newark, N. J.
Schartow Mfg. Co., Milwaukee, Wis.
Shreveport Saddlery Co., Shreveport, La.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Smith G. L. & Co., 50 Spring, Newark, N. J.
Steffens-Amberg Co., 262 Morris av, Newark, N. J.
Triumph Mfg. Co. (Pianos & Player Hardware), 262 Dover, Boston, Mass.
See adv index at end of book
Wallace F. J. Co., Meriden, Conn.
Waterbury Button Corporation, 831 So Main, Waterbury, Conn.
See adv index at end of book
Whitehouse Le Compte Mfg. Co. (Specialty Silver Trimmings), 44 Elm, Newark N. J.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Williamsport Leather Goods Co. (Harness Specialties), Williamsport, Pa.
Woodhouse Wm. Chain Mfg. Co., Edgley, Bucks Co., Pa.
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.

Hardware Mfrs. (Screen Door)

See Index of Contents for Specific Article Wanted

5936—Hardware Mfrs. (Stationers')

Guerin P. E. Inc. (Bronze), 21 Jane, New York
Weeks Frank A. Mfg. Co., 93 John, New York

5937—Hardware Mfrs. (Theatre Stage)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clancy J. R., Syracuse, N. Y.
McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*

5938—Hardware Mfrs. (Trunk & Bag)

Am. Brass Novelty Co. (Lock), Grand Haven, Mich.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.
Havell Mfg. Co. (Trimmings), 284 Washington, Newark, N. J.
H. & A. Lock Co., 243 44th, Brooklyn, N. Y.
Milwaukee Stamping Co., West Allis, Wis.
Neumann R. Hardware Co. (Also Suit Cases), 9 St. Francis, Newark, N. J.
Parsons Specialty & Machine Works, 2427 N 4th, Phila., Pa.
Richmond Pressed Metal Works, Inc., Stockton & 6th, Richmond, Va.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Sessions J. H. & Son (Malleable Iron & Steel Trimmings, etc., for Trunk Only), Bristol, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Sutterley, G. T. Co., 1720 N 2nd, Phila., Pa.

5939—Hardware Mfrs. (Upholstery)

American Ring Co., Waterbury, Conn.
Berbecker Julius & Sons Co., Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Drapery Hardware Mfg. Co., 87 35th Brooklyn, N. Y.
Dunn & Eldridge Co. (Brass), 6 N 6th, Phila., Pa.
Foster, Merriam & Co., Meriden, Conn.
Gould-Mersereau Co., 52 W 38th, New York
Kroder Jno. & Henry Reubel Co., Meeker av, Brooklyn, N. Y.
Newell Mfg. Co., Ogdensburg, N. Y.
Novelty Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co. (Also Drapery Hardware), Torrington, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

Hardware Mfrs. (Wagon)

See Firms in Hardware, Carriage, with the word Wagon following their names

5939a—Hardware (Phonograph)

GRAND RAPIDS BRASS CO., Grand Rapids, Mich.
See adv index at end of book
Long, Adam A. (Automatic Stops Only), Rochester, N. Y.
See adv index at end of book

5939a1—Hardware (Pole Line)

Allen Iron & Steel Co., Dept. H, 3rd & Venango, Phila., Pa.
Am. Jobbers' Supply Co., 233H B'way, New York
Galvanized Products Co., Phillipsburg, N. J.
Hubbard & Co., Pittsburgh, Pa.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
St. Louis Malleable Casting Co., 7701H Conduit, St. Louis, Mo.
Western Electric Co., 463H West, New York

5939b—*Hardware (Refrigerator)

DENT HARDWARE CO., Fullerton, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*

5939c—Hardware (Showcase)

Knape & Vogt Mfg. Co. ("Ideal" & "Victor"), Grand Rapids, Mich.

5939d—*Hardware (Special Designs)

Duffy, J. F., Jr., 563 Fulton, Chicago, Ill.
Mosel Mfg. Corp., Kensington, Conn.
See adv index at end of book
Stanley Works, New Britain, Conn.
See adv index at end of book

5939e—Hardware (Store Fixture)

American Nickel Wks., 1415 Dayton, Chicago, Ill.
Woodworkers' Hardware Mfg. Co., 1415H Dayton, Chicago, Ill.

Hardware Trimmings (Porcelain)

See Porcelain Specialties, Electrical, Mechanical, Etc.

5940-41—Hardware (Wholesale)

The firms under this classification are Wholesalers and firms who do Local Jobbing
See also Contractors' Tools & Supplies; also Mill & Factory Supplies; also Tin Plate, Metals, etc. For Manufacturing Firms see Hardware Mfrs.; also the Specific Articles Required.

ALABAMA.

ANDALUSIA—Benson Hardware Co. (General Builders', Tools, Cabinet, Paints & Oils, etc)
ANNISTON—Anniston Hardware Co. (General & Saddlery)
Alabama Hdwe Co.
BESSEMER—Long Lewis Hdw. Co.
BIRMINGHAM — Moore-Handley Hardware Co. (General)
Wimberly & Thomas Hardware Co. (General Heavy & Tools)
BREWTON—Luttrell Hardware Co. (General)
ENSLEY—Byrum Hdwe. Co. (Builders)
EUFAULA—Ross Hardware Co. (General)
EUTAW—Rogers Hardware Co. (General, Builders', Tools, etc.)
EVERGREEN—Wild Bros. Hardware Co.
FLORENCE—Darby & King Hdw. Co.
HUNTSVILLE—McAnelly Hardware Co.

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Robbins Hardware Co.
Schuster Benj. J. (General, Builders' & Heavy)
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Helena Hardware Co.
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McRae Wholesale Hdwe. Co.
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Mast J. W. W.
Rose-Lyon-Kidd-Bossinger Hdwe. Co. (General & Heavy)
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Hoffman Hardware Co.

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California Hardware Co. (General, Builders & Tools), 500 E 1st
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Ducommun Hardware Co., 219 S Central av
Dunning Iron Store Co., 473 E 3rd
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Harper & Reynolds Co. (General, Heavy, etc.), 152 N Main
Hoffman Hardware Co. (General & Heavy)
Holbrook, Merrill & Stetson (Stoves, Tinware, etc), 750 N Spring
Los Angeles Heavy Hdwe. Co., 218 N Los Angeles
Pacific Brass & Hardware Mfg. Co. Builders & Lavatory), 1646 N Spring
Percival Iron Co., 232 Aliso
Simmons Hardware Co., Citizens Nat'l Bk. Bldg.
Southwest Hdwe. Co. (Sporting Goods, Cutlery, General Hdwe. & Household Utensils), 335H E 3rd
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Waterhouse & Lester Co. (Carriage, Blacksmiths' & Horseshoers', etc), 540 Howard
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Merritt Hardware Co. (General, Heavy, etc)
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Keiser-Van Leer Co. (Heavy)
CAIRO—Reed Hdwe. & Mfg. Co.
Woodward Hardware Co. (General & Heavy)
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Biddle Purchasing Co., 208 S La Salle
Bowler T. J., 1315 S. Wabash
Bullard & Gormley Co. (General, Cutlery, Tools, Tin Plate, Sheet Iron Metals), 175 N State
Butler Bros., Rand Bridge
Carpenter, Geo. B. & Co. (Marine), 440 W Wells
Cranston T. H. & Co. (Mfrs.' Agents), 56 E Randolph
Draper & Snape (Blacksmiths' Supplies), 16 N Market
Fox Wm. B. & Bro., 180 W Dearborn
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Jones & Laughlin Steel Co. (Heavy, Railroad Supplies, Swedish Iron, etc), 440 W Lake
Kimball E. D. & Co., 159 N Market
Reading Hardware Co., 117 W Lake
Rehm Hardware Co., 1501 Blue Island av
Ryerson Joseph T. & Son (Heavy Iron & Steel Sheets, Plates, Bands, Bars, Shafting Bolts, Nuts, Angles, Boilers Mfrs.' Supplies, etc), 2558 W 16th
See adv index at end of book
Wilkins, Geo. H. Co., 180 N Market
DANVILLE—Conron Thos. Hdwe. Co. (Shelf)
Dowling-Schultz Hardware Co. (Shelf, Heavy, etc)
Yeomans & Shedd Hardware Co. (Shelf, Heavy, etc)
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Hawthorne Hardware Co.
Ziegler Bros. Co.

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JOLIET—Barrett Hardware Co. (General & Heavy)
Swing W. P.
MENDOTA—Holland & Co.
MOLINE—Dunn Thomas & Sons
PEKIN—Velde, Roelfs & Co. (Shelf, Heavy, Carriage & Tools)
PEORIA—Clark-Smith Hardware Co. (Shelf, Builders, etc)
Cummings & Emerson (Heavy, Carriage, etc)
Walker Isaac Hardware Co. (Shelf, Builders, Sporting Goods, etc)
QUINCY—Gunther Hardware Co.
Tenk Hardware Co. (General, Heavy, Cutlery, Auto Accessiries, etc)
ROCKFORD—Ray, Wharton H'dware Co.
ROCK ISLAND—Rock Island Hardware Co. (General & Heavy)
SPRINGFIELD—Miller W. B. & Son (Retail, Builders, General, etc)
STREATOR—Williams Hdwe. Co. (General) 113H Vermillion
URBANA—Hall Chas. A. Hdwe Co.

INDIANA.

BLUFFTON—Williamson Hardware Co.
COLUMBUS—Schwartzkopf's J. G. Sons
CRAWFORDSVILLE — Crawfordsville Hardware Co. (General)
ELKHART—Borneman & Sons
EVANSVILLE—Boetticher & Kellogg Co. (Shelf Hardware)
Bush E. M. Hardware Co. (Shelf)
Clifford Hardware Co. (Shelf)
Orr Iron Co. (Heavy, Blacksmiths, Carriage & Wagon, etc)
FORT WAYNE—Fort Wayne Iron Store Co. (Carriage, Wagon & Heavy)
Mossman, Yarnelle & Co. (Heavy & Carriage)
Pfeiffer Henry & Son Co.
Schlatter C. C. & Co. (General Builders', Mill, etc)
Seavey Hardware Co. (Shelf)
GARY—Calvert Hardware Co.
People's Hdwe. Co.
GOSHEN—Hawks Hardware Co. (General)
HUNTINGTON — Reichenbach - Wickenhiser Co.
INDIANAPOLIS—Builders' Supply Corporation (General, Builders', Paints, Oils, etc.), 342 E Wash.
Holliday W. J. & Co. (Heavy, Iron & Steel), 326 W Georgia
Lilly Hardware Co., 114 E Washington
Standard Metal Co. (Tin Plate, Sheet Iron, etc.), 135 S Pennsylvania
Tanner & Co., 409 S Penn
Van Camp Hardware & Iron Co. (General, Heavy, Carriage & Wagon, etc.), 401 W Maryland
Vonnegut Hardware Co. (Builders', Cabinet, Heavy, Mill Supplies, etc.), 120 E Washington
KOKOMO—Armstrong Landon Co.
Kokomo Hardware Co.
LAFAYETTE—Shipley Hardware Co. (General, Stoves, Tinware, etc)
Shuee-Bahls Hardware Co. (Shelf & Heavy)
LOGANSPORT—Ullery S. W. & Son
MARION—Marion Hardware Co.
MICHIGAN CITY—Staiger Hardware Co.
MUNCIE—Kimbrough Hardware Co.
NORTH VERNON—Tripp Fred H. Hdwe. Co. (Heavy & General Farm Machinery)
RICHMOND—Jones Hardware Co. (General, Agricultural Implements, etc)
Miller Bros. Hardware Co. (Cutlery, Fencing, Sporting Goods, Tinware, etc)
SOUTH BEND—Sibley Hdwe. Co.
TERRE HAUTE—Austin Hardware Co.
Smith's C. C. Sons Co.
Terre Haute Heavy Hardware Co.
TOPEKA—Krauss O. & Sons (Saddlery)
Thompson W. A. L. Hardware Co. Shelf & Heavy)
VINCENNES—Salter-Morgan Co.

IOWA.

BURLINGTON—Burlington Iron Store Co. (Heavy)
Donahue Robert Iron & Hardware Co. (Heavy, Blacksmiths', Carriage, etc).
Drake Hardware Co. (General)
CEDAR RAPIDS— Larimer E. K. Hardware Co. (Heavy)
CLINTON—Armstrong C. E. & Sons (General)
Moeszinger-Marquis Hardware Co.
COUNCIL BLUFFS—Empkie-Shugart-Hill Co. (General Shelf, Builders', Sporting Goods, etc)
DAVENPORT — Hanssen's Louis Sons (Hardware)
Sickels & Preston Co. (General, Builders, etc.)
Sieg Co. (Heavy, Carriage & Wagon Materials; also Agr'l Impl. Specialties)
DES MOINES—Brown-Camp Hardware Co. (General, Shelf, Builders', Sporting Goods, etc)
Des Moines Iron Co. (Heavy, Carriage, etc)
Kurtz L. H. Co.
Luthe Hardware Co. (General, Shelf, Builders, etc)
DUBUQUE—Ernsdorff John Iron Co. (Heavy, Carriage, etc)
Tredway A. & Sons Hardware Co. (General, Heavy, Cutlery, etc)
FORT DODGE—Prusia Hardware Co. (General, Shelf, etc)
KEOKUK—Weber A. Co. (General, Heavy, etc),
LAKE MILLS—Styve Bros.
MARSHALLTOWN—Abbott & Son
MASON CITY—Currie Hardware Co.
MUSCATINE—Fuller & Hiller Hdwe. Co.
OTTUMWA—Harper & McIntire Co. (General, Stoves, Cutlery, etc)
Hand B. A. Co. (General, Heavy, Miners, etc)
Haw Hardware Co.
SIOUX CITY—Dymond-Simmons Hardware Co. (Handle, General, etc)
Knapp & Spencer Co. (General, Stoves, Ranges, Heaters, etc)
Sioux City Iron Co. (Heavy)
WATERLOO—Cutler Hardware Co. (General, Shelf, Builders' & Sporting Goods)

KANSAS.

ATCHISON—Atchison Saddlery Co. (Saddlery)
Blish, Mize & Silliman Hardware Co. (Shelf & General)
Harwi A. J. Hardware Co. (General, Sporting Goods, etc)
Klestermeier Bros. Hardware Co.
EMPORIA—Haynes Hdwe Co.
ESKRIDGE—Trusler, Wm. Hardware Co.
FORT SCOTT—Penniman A. C. & Son
HUTCHINSON—Achning Chas. J.
LEAVENWORTH—Crancer Hardware Co. (General Tinners', Harness, Cutlery, Sporting Goods, etc)
PITTSBURG—Deruy Hdwe. Co.
SALINA—Lee Hardware Co. (General & Heavy)
TOPEKA—Krauss, O., & Sons (Saddlery)
Thompson W. A. L. Hardware Co. (Shelf & Heavy)
WICHITA—Massey Hardware Co. (Heavy Blacksmiths' Implement, etc.),
Morton-Simmons Hardware Co.
Motor Equipment Co. (Heavy)
Shattuck-George Iron Co. (Heavy & Blacksmiths')
United Electric Co. (Electrical Supplies)

KENTUCKY.

ASHLAND—Watson Hdwe. Co.
Williamson Ben & Co.
EDDYVILLE—Kentucky Whip & Collar Co.
HENDERSON—Blackwell P. A. & Co. (General)
Lambert-Grisham Hardware Co.
HOPKINSVILLE—Forbes Mfg. Co. (General, Tinware, etc)
LEXINGTON—Van Deren Hardware Co. (General & Heavy)
LOUISVILLE—Belknap Hardware & Mfg. Co. (General, Heavy, Carriage, Saddlery)
Dehler Bros. Co., 116H E Market
Fulton, Conway & Co. (Wagon & Carriage Makers' Tools, Supplies & Hardware, Wire Nails, etc.)
Hidden Otis Co. (Cabinet)
Louisville Tin & Stove Co.
Robinson Bros. & Co. (General, Cutlery, Saddlery, Guns, Agricultural Implements, Paints, etc)
Stratton & Terstegge Co. (General Stoves, Tinware, Tinners' Supplies, Woodenware, Roofing, etc.)
MIDDLESBORO—Kentucky Mine Supply Co.
OWENSBORO—Guenther Hardware Co. (General, Heavy & Carriage Railroad)
Turley T. J. Co.
PADUCAH—Hank Bros. (General)
Michael M. & Bro.
PAINTSVILLE—Big Sandy Hdw. Co. (Gen'l)

LOUISIANA.

ALEXANDRIA—Brown-Roberts Hdwe & Supply Co. (Ltd.)
BATON ROUGE—Doherty Hardware Co., Ltd. (General, Cordage, etc)
Fuqua Hardware Co. (General)
CROWLEY—Thomson-Reiber Implement Co.
LA FAYETTE—Lacoste Hardware Co., Ltd.
LAKE CHARLES—Murray-Brooks Hardware Co. (Ltd.)
MONROE—Monroe Hardware Co., Ltd. (General)
NEW ORLEANS—Baldwin A. & Co., Ltd. (General, Heavy Stove, Machinery, Mill Supplies, Agri. Implts., Crockery, etc), Camp & Common
Electric Appliance Co. (Automotive) 416 Canal
Globe Supply & Machinery Co., 627 S. Peters
Pitard R. D. Hdwe. Co. (General, Paints, Wallpaper, etc), 115H Chartres
Pitard-Saxton Hardware Co. Inc. (Builders' General Hdwe., Paints, Roofing, Stoves, Cutlery, Wall Paper, etc.), 1031H Canal
Rowan P. P. Co., Ltd., 920 Perdido
Schwartz Jos. Co., Ltd., 548 Baronne
Standard Supply & Hwe. Co., 828H Tchoupitoulas
Stauffer, Eshleman & Co. (Ltd.), (General, Heavy, Stoves, Cutlery, Fire Arms, etc.), 511 Canal
United Hdwe. Co. Ltd., 1005H Canal
Woodward, Wight & Co. (Ltd.) (General, Heavy, Mill Supplies, Ship, Chandlery, etc), Howard av & Constance
RUSTON—Ruston Hdwe. & Furn. Co., Ltd.
SHREVEPORT—Buckelew Hardware Co.
Lee Hardware Co., Ltd. (General Cutlery, Stoves, Glassware, etc.)
Thomas-Ogilvie Hardware Co., Ltd. (Handle, General, etc)
THIBODAUX—Planters' Hardware & Mill Supply Co., Ltd. (General, Heavy, Cutlery, Mill Supplies, etc)

MAINE.

AUGUSTA—Brooks Hardware Co.
BANGOR—Bragg N. H. & Sons (Heavy, Carriage, etc)
Dickey Wm. P. & Co. (General)
Haynes & Chalmers Co. (General, Heavy, Saddlery, etc)
Rice & Miller Co. (General, Explosives, etc)
BATH—Johnson Bros. Co. (General, Heavy, Ship Chandlery)
BRUNSWICK—Eaton Hardware Co. (General)
EASTPORT—Wadsworth S. L. & Son
FT. FAIRFIELD—Cary L. K. Co.
HOULTON—Pegg Almon H. Co.
Watson Jonn & Co. (General, Cutlery, Agr'l Impl'ts, etc)
LEWISTON—Hall & Knight Hardware Co. (General Plumbers', Pipe, etc)
PORTLAND—Corey E. & Co. (Heavy, Wagonmakers', Blacksmiths' & Lumbermen's Supplies)
Edwards & Walker Co. (General & (Heavy)
Emery-Waterhouse Co. (General & Heavy)
King & Dexter Co.
Talbot, Brooks & Ayer
ROCKLAND—Crie H. H. & Co. (General)

MARYLAND.

BALTIMORE—Adams J. R. M., Eutaw & Franklin
Anderson & Ireland Co. (General), 111 Light
Carlin & Fulton Co., 309 W Redwood
Cole W. H. & Sons (General, Heavy, Cutlery, Explosives, Contractors' & Electrical Supplies), 40 S Charles
Conway Wm. A., 626 Forrest
Duer Jno. & Sons (Cabinet), 36 S Charles
Duke Peterson Hardware Co. (General, Heavy, Cutlery & Fire Arms). 113 W Redwood
Edmunds W. C. & Co., 34 Charles
Galloway, James Co., 121 W Pratt
Hoos, Jno. Co., 308 S Hanover
Keidel Henry & Co. (Shelf, Heavy, etc) 405 W Redwood
Lyon Conklin & Co., Inc., 19 Balderston
MacCarthy & Harper, 345 N Calvert
Neily Joseph W. (Marine), 121 South
Norris R. W. & Sons, 342 N Gay
Payne E. Scott Co., 362 N Gay
Taylor Supply Co., 937 Fell
Whiting W. H. & Co. (Marine), 428 E Pratt
Wilcox Hdw. & Iron Co. (Gen'l), 406 N Gay
Wilcox Louis N. & Son, 414 N Gay
CUMBERLAND—Wilson & Pugh (General, Mining & Mill Supplies)
FREDERICK—Hargett P. L. & Co.
Quynn Allen G. & Co.
SALISBURY—Dorman & Smyth Hardware Co.
Gunby L. W. Co. (General, Machinery, etc)

MASSACHUSETTS.

BOSTON—Atlantic Coast Hdw. Co., **169-A.**
Austin & Doten, 102 North
Bay State Hdwe. Co., 1321 Washington
Berman Samuel, 14 Portland
Bigelow & Dowse Co. (General, Heavy, Builders', Machinists', Mine, Skates, Cutlery, Household, etc). 229 Franklin
Boston Marine Hdwe. Co. (Marine), 259 Atlantic av
Breck Jos. & Sons Corp'n (Implements & Poultry), 5b Franklin
Brown-Wales Co. (Heavy) C. So. **Boston**
Burditt & Williams Co. (General & Builders'), 95 Summer
Butts & Ordway Co. (Heavy & Carriage), 33 Purchase
Chandler & Barber Co. (Tools, Cutlery & Builder's), 124 Summer
Chandler & Farquhar Co. (Machinists & Mechanics Tools & Supplies), **36** Federal
Chase, Parker & Co. (Heavy, Carriage, etc.), 81 Pearl
Dame, Stoddard Co. (Cutlery, etc), 374 Washington
Dana Hardware Co. (General, Cutlery, Firearms, Saddlers, Cordage, etc.), **28** Pearl
Davis S. H. Co. (General & Builders'), 68 Portland
Decatur & Hopkins Co., 120 High
Dodge Haley Co. (Heavy), 218 High

Fitz Dana & Co., 110 North
Frye, Phipps Co. (General), 114 Purchase
Hardware Agency Co. (Mfrs' Agents), Builders'), 159 High
Harvey Arthur C. Co. (Heavy), 506 Cambridge, Allston Dist.
Herrick Co. (Heavy, Metal), 49 Broad
Morss A. S. Co., 132 Federal
Proctor, S. Eugene Co., 158 State
Richards & Co., 200 Causeway
Sanderson E. P. Co. (Heavy), Third E. Cambridge.
Waite, Ranlet & Co., 80 Broad
Wilkinson A. J. & Co. (General, Tool Steel, Tools, Sheet Brass, Rods & Wire), 184 Washington

CAMBRIDGE — Sanderson E. P. Co. (Heavy)

DORCHESTER—Mass. Wholesale Hdwe. Corp., 50H Ceylon

FALL RIVER—Congdon, Carpenter & Co. (Heavy, Carriage & Blacksmiths)
Neill J. O. Hardware Co. (Builders Only)

FITCHBURG—Fitchburg Hardware Co. (General & Heavy, Agr'l Tools, etc)

GREENFIELD—Stearns Joel M. (Builders' General, Heavy & Contractors' Supplies)

HAVERHILL—Hanscom Hardware Co. (General, Blacksmiths', etc)

HOLYOKE—Russell J. & Co. (Heavy & Builders)

LAWRENCE—Wells Hdwe. Co., Inc.
Treat Hardware & Supply Co. (Mill Supplies)

LOWELL—Bartlett & Dow Co. (General & Agricultural Tools)
Boutwell Bros. (Heavy, Carriage & Blacksmith')
Thompson Hardware Co. (Builders', Cutlery)

LYNN—Hutchinson W. Henry (Est. of) (General), 49 Monroe

MIDDLEBORO—Pierce Thos W. Hardware Co.

NATICK—Fiske Corp.

NEW BEDFORD—Butler Wm. P. & Sons (General, Tinware, Cutlery, Tool)
Slocum & Kilburn, Dept. H

NORTH ADAMS—Burlingame & Darbys Co. (General & Heavy)

PITTSFIELD—Barris-Kenyon Co. (Hardware & Mill Supplies)
Berkshire Hardware Co.
Peirson Hardware Co. (General)

SPRINGFIELD — Carlisle Hardware Co., 326 Main
Chapman & Brooks Co. (General)
Foot, Homer & Co. (General, Heavy, Carriage, etc)
Law J. Douglas Co.
Lewis Charles C. Co. (Carriage & Heavy)

TAUNTON—Pierce Hardware Co.

TURNER FALLS—Webster F. I. Co.

WESTFIELD—Bryan Hardware Co.

WORCESTER—Blake Geo. F. Jr. & Co. (Heavy, Carriage, etc)
Brierly-Lombard Co., 665 Main
Duncan & Goodell Co. (General, Cutlery, Tools, etc)
Hidgeley Wire Co. (Fence Wire, Steel Posts, etc.), 16H Foster
Pratt & Inman (Heavy Iron & Steel, etc)
Ross Bros. Co. (General Agricultural Tools, etc)

MICHIGAN.

ALPENA—Young Benjamin R. Hdwe. Co.

BATTLE CREEK—Bock-Walker Co.

BAY CITY—Bay City Hardware Co.
Jennison Hardware Co. (General & Heavy)

CALUMET—Carlton Hardware Co.
Keckonen Hardware Co.

DETROIT—Buhl Sons Co. (Heavy, Shelf, Builders', Cutlery, Tin Plate, Metals, Iron & Steel. etc), 103 Woodbridge, W
Gregg Hardware Co., 44 Cadillac sq
Rayl T. B. Co. (General House Furnishings, etc.), 236H W Congress
Roehm & Davison (Heavy & Carriage), 93 Woodbridge av
Standart Bros. (Ltd.) (General), 8 Jefferson
Weber Henry C. Co. (General, Household, etc.), 230 Woodward av

ESCANABA—Delta Hardware Co. (General & Heavy)
Escanaba Hardware Co.

FLINT—Hubbard Geo. W. Hardware Co. (Heavy, etc)

GRAND RAPIDS—Foster, Stevens & Co. (General, Heavy, Sporting Goods)
Gleye Hardware Co.
Hall Sherwood Co. (Saddlery, Carriages & Auto Accessories)
Kutsche C. H.
Michigan Hardware Co.
Van Bree Arie Sons

HOUGHTON—Portage Lake Hardware Co. (Ltd.)
Swift I. E. Co. (General & Heavy)

ISHPEMING—Consolidated Fuel & Lbr. Co

JACKSON—Smith-Winchester Co. (General, Heavy, Carriage, etc)

KALAMAZOO—Edwards & Chamberlain Hardware Co. (General, Heavy & Carriage)

MANISTEE—Vincent-Wolters Co.

MARQUETTE—Manhard M. R. & Son, Ltd. (General & Heavy)
Neidhart B. & Co.

MENOMINEE—Northern Hardware & Supply Co. (General, Heavy, Tools, etc)

MONROE—Steiner's Wm. Sons (General, Heavy, etc)

MUSKEGON—Towner Hdwe. Co.

PETOSKEY—Bremmeyer & Bain Co.
Northern Hardware Co. (General)

PORT HURON—Beard, Campbell & Co. (General, Heavy, Carriage, etc)
Boyce Hardware Co. (General, Heavy, Tinware, etc)

SAGINAW—Morley Bros. (General, Heavy, Saddlery, Carriage, etc)
Popp & Wolf Hardware Co. (Wall Paper)
Saginaw Hardware Co. (General, Heavy, etc)

SAULT SAINTE MARIE—Soo Hardware Co. (General & Heavy)

MINNESOTA.

DULUTH—Kelley How Thomson Co.
Kelley-How-Thomson Co. (General, Heavy, etc)
Marshall-Wells Co., (All Lines in Steel & Iron)
National Hardware & Supply Co.
Northern Hardware Co.

MINNEAPOLIS—Butler Bros., 6th & 1st av N
Derickson G. P. Co. (Cabinet), 18 N 3d
Gardner Hardware Co., 304 Hennepin av
Gopher Hardware Co., 212-214 N 1st
Hall Hardware Co., 517 N 3d
Hudson Mfg. Co. (Thresher Supplies), 324 3d av N
Janney, Semple, Hill & Co. (General, Cutlery, Shelf & Heavy, Plumbers', Tinware, Sheet Metal, Firearms, Cordage, Rope, etc), 1st av & Second
Minneapolis Iron Store Co. (Heavy, Blacksmiths', Wagonmakers' & Machinists' Tools & Supplies), 512 Washington av, N
Morison W. K. & Co., 15 S 7th
Simmons Hardware Co. (General, Farming Tools, etc), 4th & 2d av N
Warner Hardware Co., 13 S 6th
Williams Hardware Co. (Heavy, Wagonmakers' & Blacksmiths' Supplies), 100 Second av N

ST. PAUL—Decker Adam Hardware Co. (General, Tinners' Supplies, Cutlery, etc), 347 Jackson
Farwell, Ozmun, Kirk & Co. (General, Tinners' Tools & Supplies, Butchers' Tools & Supplies, Builders', Household, Saddlery, etc.)
Hackett-Gates Hurty Co. (General, Builders' Tools, Tinners' Stock, Cutlery, Shelf, Wagon & Saddlery, etc), Fourth & Rosabel
Nicols, Dean & Gregg (Heavy, Iron, Steel, Lumbermen's Supplies, etc.), 8th & Sibley
Robinson, Cary & Sands Co., 4th & Wasonta

STILLWATER—Stillwater Hardware Co.

WINONA—Cone R. D. Co. (General)
Morrison-Miller Hdwe. Co.
Morrison-Risser Hdwe. Co.

MISSISSIPPI.

ABERDEEN—Lann & Carter Hardware Co. (General)

COLUMBUS—Columbus Hardware & Furniture Co.

GREENVILLE—Geise Mann Hardware Co.

GREENWOOD—Henderson & Baird Hardware Co. (General & Heavy)

HATTIESBURG—Hawkins Hardware Co.

JACKSON—Addikson & Bauer
McCleland Thos. Hardware Co.

MERIDIAN—Melton Hardware Co. (General, Cutlery, etc)

NATCHEZ—Baker & McDowell Hardware Co. (General, Agrl. Implts., Crockery, etc)
Feltus Bros.
Schwartz & Stewart (General Agrl. Implts.. etc)

VICKSBURG—Richardson-Lee & Co. (General, Tinware, etc.)
Wright Bros. Hardware Co. (General)

YAZOO CITY—Crane-Hamel Hardware Co. (General)
Yazoo Hardware Co. (General & Heavy)

MISSOURI.

DEXTER—Miller-Ullen & Carter Hardware Co.

JOPLIN—Halyard Hardware Co.
Joplin Hardware Co.

KANSAS CITY—Bonniwell-Calvin Iron Co. (Carriage & Wagon Materials, Iron & Steel, etc.), 1205 W 10th
Bunting Hardware Co. (Builders'), 810 Walnut
Brunner H. J. Hdwe. & Machine Supply Co., 1306 Grand av
Curtin & Clark Hardware Co.
Faeth Iron Co. (Carriage & Wagon Materials, Iron & Steel), 1125 W 8th
Pierce Co. (Silo Roofs, etc), Waldheim bldg
Richards & Conover Hardware Co. (General, Heavy & Sporting Goods, etc.), 5th N W cor. Wyandotte
Townley Metal & Hardware Co. (General, Builders', etc.), 2d, S W cor. Walnut
Wengert Hardware Co., 1221 Grand av

NEOSHA—Briggs Hardware Co. (General & Heavy)

ST. JOSEPH—Robinson Heavy Hardware Co. (Heavy & Carriage)
Ross Frazer Iron Co. (Heavy, Carriage & Wagon Material, etc)
Wyeth Hardware & Mfg. Co. (General, Heavy & Saddlers', Sporting Goods, Cutlery, etc)

ST. LOUIS—Campbell Iron Co. (Heavy), Cass av, bet. 8th & 9th
Geller, Ward & Hasner Hardware Co. (General, Tinware, etc.), 414 N 4th
Handlan-Buck Mfg. Co. (Foundry, Machine Shop, etc.), 210 N 3d
Rubelman G. A. Hardware Co. (General), 907 N 6th
Rubelmann-Lucas Hardware Co. (Cabinet, Heavy, Carriage & Wagon Material), 1939 N B'way
St. Louis Iron Store Co. (Heavy, Carriage & Wagon Materials), 700 Cass av
Schroeter Bros. Hardware Co. (Builders'), 717 Wash. av
Shapleigh Hardware Co. (General Cutlery, Household, Sporting Goods, Carriage & Wagon Materials, etc), 4th & Washington av
Simmons Hardware Co. (General, Builders', Farming Tools, Cutlery, Household, Toys, Stoves & Ranges, Tinners' Tools & Supplies, Metal Roofing, Paint, Oils, Automobile Supplies, etc.), 9th & Spruce
Sligo Iron Store Co. (Iron & Steel, Carriage, Wagon, etc), 6th & O'Fallon
Southern Hdw. Co. (Heavy), 1700H Locust
Standard Stamping Co. (Sheet Metal Goods), B'way & Chambers
Witte Hardware Co., 706 N 3d

SPRINGFIELD—McGregor-Noe Hardware Co. (General, Builders' Heavy Carriage & Wagon Material, Sporting Goods & Implements)
Rogers & Baldwin Hardware Co. (General Builders', Heavy, Carriage & Wagon Material, Sporting Goods, Implements, etc)

WEBB CITY—Franz Hardware Co. (General)

MONTANA.

ANACONDA—Anaconda Copper Mining Co. (General, Heavy & Mining)
Stagg J. P.
Coy, H. G. Hardware & Implement Co. (& Harness)

BILLINGS—Billings Hardware Co. (General & Heavy)

BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co. (General, Heavy & Mining)

GREAT FALLS—Murphy-McClay Hardware Co. (General, Heavy, Carriage, etc)
Northern Hardware Co.

HELENA—Helena Hardware Co. (General)
Holter A. M. Hardware Co. (General, Heavy, Mining, etc)

KALISPELL—Kalispell Mercantile Co.

LEWISTOWN—Montana Hardware Co.

MISSOULA—Missoula Mercantile Co. (General)

NEBRASKA.

ALLIANCE — Newberry Hardware Co. (Implements & Harness)

GRAND ISLAND—McAllister R. H. Co.

HASTINGS—Lawson C. K. Hardware Co.
McGrath J. H. Hardware Co.

LAUREL—Johnson, Evers & Co.

LINCOLN—Henkle & Joyce Hardware Co. (General)

OMAHA—Lee-Colt Andreesen Hardware Co. (Builders', Shelf & General)
Morton Jas. & Son Co. (Packing House Ice Tools & Builders', Shelf Hardware, etc)
Paxton & Gallagher Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)
Wright & Wilhelmy Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)

NEW HAMPSHIRE.

CONCORD—Thompson & Hoague Co. (General, Heavy, Carriage, etc)

DOVER—Seavey, J. Herbert.

MANCHESTER — Manchester Hardware Co. (General & Heavy)
Varick John B. Co. (General, Heavy, Carriage, etc)

NASHUA—Ambrose Thomas B.

NEW JERSEY.

ATLANTIC CITY—Chelsea Hdwe. Co.
Currie Co.

DOVER—Berry S. H. Hardware Co.

ELIZABETH—Elizabeth Hardware Co. (General)

JERSEY CITY—Gibbons Ernst A. Co. (Heavy) 27 Montgomery

MORRISTOWN—Phillips A. G. & Son

NEWARK—Abrasive Machine Co. (Abrasive Materials), 22H Prospect

NEW JERSEY—Newark—continued
American Marine Supply Co. (Marine), 260 Market
Banister & Pollard Co., 206 Market
Birkenmeier & Kuhn Co., 529 Clinton av
Crane & Milligan 54 Mechanic
Factory Supply & Hardware Co., 47 Mechanic
Foster Bros., 293 Market
Ironbound Hardware & Supply House, 228 Ferry
Jones & Auerbacher, Inc., 24 Mechanic
Ludlow & Squier, 97 Market
Macknet & Doremus (General, Heavy, etc.), 796 Broad
Muller A. F. & Co., 258 Springfield av
Rising & Thorne, 475 Broad
Stulz-Sickles Co., 121 Lafayette (Contractors)
NEW BRUNSWICK—Strong Hardware Co., Dept. H
Weigel Philip, Jr.
PASSAIC—New Jersey Engineering & Supply Co.
PATERSON—Cleveland J. W. Hardware Co. (General, Builders' & Grocers' Supplies), 81 Broadway
Doremus John T. Co. (General & Blacksmiths & Wheelwrights' Supplies), 66 Washington
Mills H. W. & Co. (Builders', Mill, Factory & Plumbers), Dept. H
Myers Geo. A. & Co. (Builders', Mill, Factory & Plumbers' Supplies), 63 Washington
Van Winkle J. A. Co. (General & Heavy), 168 Main
TRENTON—Cramer & Allen, Broad & Center
Katzenbach F. S. & Co.
Shick, Charles & Co. (Heavy)

NEW MEXICO.

ALBUQUERQUE—Korber J. & Co. (Vehicles, Harness, Hdwe. & Implts.)
Whitney Hardware Co.
RATON—Hobbs Hardware Co.
ROSWELL—Roswell Hardware Co.
SILVER CITY—Cox W. S.

NEW YORK.

ALBANY—Albany Hardware & Iron Co. (General, Heavy, etc)
Turner Chas. H.
Woodward Co. (Carriage, Wagon, Saddlery, etc)
ALBION—Waterman Store
AMSTERDAM—Larrabee John E. Co. (General & Heavy)
AUBURN—Herron P. M. Hdwe. Co., 84 Genesee
Smith & Pearson, Dept. H
BATH—Peck Geo. W. Co.
NEW YORK—continued
BINGHAMTON—Babcock, Hinds & Underwood (General & Heavy)
Crocker & Ogden Co. (General, Heavy, Carriage, etc)
Kingsley L. J. Co.
BUFFALO — Beals, McCarthy & Rogers (General, Heavy, Carriagemakers' Mill & Factory Supplies, Iron & Steel, etc.), 44 Terrace
Bergman W. Hardware Co., 44 Genesee
Buffalo Wholesale Hardware Co. (General & Heavy), 317 Washington
Capewell Horse Nail Co., 11 Ellicott sq.
Enos & Sanderson, 145 Bushnell
Neal R. C. Co. Inc. (Small Tools, Drills, Taps, Dies, etc.), 76 Pearl
Republic Metalware Co.
Taylor H. D. Co. (Heavy & Carriage, Trimmings), 103 Oak
Walbridge & Co. (General & Household Heavy, Builders', etc.), 392 Main
Weed & Co. (General, Heavy, Cutlery, Tools, Railway & Shop Supplies, Silverware etc), 95 Swan
CANANDAIGUA—Peck Hardware Co.
COHOCTON—Peck & Peck Hardware Co.
ELLENVILLE—Du Bois L. & Co.
ELMIRA—Barker, Rose & Clinton Co. (General & Heavy)
Booth Irving D., Inc. (Heavy)
Gridley-Fuhrman Martin Co.
Peck Geo. W. Co.
GLENS FALLS—De Long & Son
Sawyer J. E. & Co.
GLOVERSVILLE—Batcheller E. S. & Co.
Durkee E. L. & Co.
GOUVENEUR—McDonald Robinson Inc. (Stove Repairs), 33H Main
HORNELL—Peck Frank B. Co. (General)
HUDSON—Rogerson J. C. & Co.
ITHACA—Driscoll Bros. & Co. (Builders' Hardware)
Rumsey C. J. & Co.
Treman, King & Co. (General)
JAMESTOWN—Clark Hardware Co. (General Mill Supplies)
Jamestown Hdwe. Co. (Builders' & Shelf)
Lundquist C. A. & Co.
KINGSTON—Hasbrouck Conrad E.
Johnson J. T. (General & Heavy)
Winne L. S. & Co. (General, Blacksmiths', etc)
LITTLE FALLS—Burney Bros., H, Main
Skinner & Oyston
LOCKPORT—Chadwick & Morris
MALONE—Malone Hardware Co.
Thompson H. D. & Co. (Heavy, Saddlery, etc)
NEWBURGH—Holland Hardware Co.
Lawson Hardware Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Brooklyn Electrical Supply Co., 56 Myrtle av.
Kasper & Koetzle Hdwe. Co., Inc., 565 Bushwick
Kiley Thos. W. & Co., 57 Grand
Smith & McCrorken Inc., 65 Engert
Universal Hardware & Supply Co., 79 Greenpoint av

Borough of Queens.

LONG ISLAND CITY—Long Island Hardware Co., 68 Jackson

Boroughs of Manhattan and Bronx.

NEW YORK—Alder Benj. S. Co. (Mfrs.' Agents & Exporters), 45 Warren
Arrow Hdwe. Corp., 214 Fulton
Barron Jas. S. & Co. (Woodenware, Skates, etc) (Exporters), 221 W B'way
Bettes & Ebsen (Tools), 152 Chambers
Biddle Purchasing Co. (Purchasing Agents & Commission Buyers), 105 Chambers
Blumberg W L. & Co., 81 Warren
Boker Cutlery & Hdwe. Co., Inc. (Importers of Hardware, Cutlery, etc.), 101 Duane
Brady F. A., Inc. (Specialties), 30 Church
Braunfels, Browning & Co., 1940 Park av
Brombacher A. F. & Co., 31 Fulton
Brower Roy L. Corp., 86 Front
Burger & Baumgard (Cutlery, etc) (Jobbers & Exporters), 88 White
Burroughs-Baldwin Co., 87 Warren
Butler Bros., 495 B'way
Carter R. K. & Co. (Purchasing Agents & Commission Buyers), 66 Reade
Cavanagh Bros. & Co. (Mfrs.' Agents & Distributors of Hardware Specialties & Tools), 89H Warren
Charyn Al., 430H W B'way
Church St. Machinery & Engineering Corp. (Exp.), 30 Church
Curley J. & Bro. (Importers & Jobbers of Cutlery), 87 Duane
Droescher S. R. (Importer of Razor Hones, Cutlery & Hardware Specialties), 79 Warren
Dunham, Carrigan & Hayden Co. (General, Heavy, Railway, Steamship, Brass Goods, etc), 127 Duane
Duryee Peter & Co. (Jobbers & Retailers of General Hardware), 66 Vesey
Empire Hdwe. Co. (Stove Specialties), 274 W B'way
Field Alfred & Co. (Importers & Exporters) (Cutlery, Guns, Anvils, Chains, etc), 93 Chambers
Folsom H. & D. Arms Co., 314 B'way
Frank Henry Jr., 374 Hudson
French H. P. Co. Inc., 320 B'way
General Hardware Co., 91 Reade
Gerstner A. W. Co., 634 8th av
Gifford Jno. A. & Son (Exporters & Importers of Carriage Hardware & Supplies), 25 Park pl
Goepel C. F. & Co., 137 E 13th
Goldberg Chas. H. & E. S. (Importers & Exporters) (Woodenware, Cordage, etc), 114 Reade
Goldenblum Wm. & Co., 17 Murray
Graef & Schmidt (Importers & Exporters of Cutlery), 107 Chambers
Graham Jno. H. & Co. (Mfrs. & Mfrs'. Agents & Exporters of Hardware, Tools & Specialties), 113 Chambers
Grant Pulley & Hardware Co., 101 Park av., New York.
Green G. S. Co. (Heavy), 74 Warren
Grob-Gamsby Hdwe. Co., Inc., 100 Maiden la
Hamilton Hdwe. Co., 74 Cortlandt
Hammacher, Schlemmer & Co. (Cabinet, etc), 133 4th av.
Hansen & Yorke Co (Heavy), 88 Warren
Hardware House of Am. Inc., 78 Warren
Hardware Sales Co. Inc., 500 Fifth av
Harmon & Dixon (Mfrs.' Agents) Hardware & Specialties), 117 Chambers
Harris Delancey P. Hardware Co. (Mfrs.' Agent & Commission Merchant, Domestic & Export), 24 Murray
Harry L. C. Co. (Heavy & Ship), 114 Liberty
Hemphill A. J. Co. Inc., 161 Washington
Hendricks & Class (Mfrs.' Agents (Heavy & Marine, Tools, Ship Chandlery, Railway & Dock Builders' Supplies, etc), 30 Church
Jacobus Wm. H. (Mfrs.' Agent) (Builders & General, Specialties), 79 Walker
Jennings C. E. & Co. (Mfrs. & Mfrs'. gents, Mechanics' Tools & Specialties), 71 Murray
Kleine Wm. E. & Co. (Wagon & Carriage Materials), 120 W B'way
LARKIN J. K. & CO. (Nails, etc.), 253 Broadway
See adv index at end of book
Lockwood Co. (Builders & Shelf Hardware), 16 Reade
Maritime Hdwe. Co., 75 Barclay
McCarty J. C. & Co. (Mfrs.' Agents) (General & Blacksmiths', Machinists & Garden Tools, etc), 29 Murray
McCoy Jos. F. Co. (Mfrs.' Agents, Importers & Exporters of Heavy Hardware, Cutlery, Tools, etc), 157 Chambers
Manick Hdwe. Co., 160 Lafayette
Markt & Hammacher Co. (Importers & Jobbers, House Furnishing Goods & Hardware Specialties), 194 West
Masbach Hardware Co. (General, etc), 84 Warren
Montgomery & Co. (Tools & Supplies for Machinists, Railroads, Mills, Contractors, etc), 105 Fulton
Mooney Douglas & Pearson, 193 Greenwich
Murray Robert (Screws, Shovels, Hoes, etc), 85 Warren
National Hardware Stores, Inc. (Chain retail stores), 309 Broadway
National Hdwe. & Equipt. Co., 253H B'way
National Farm Equipment Co. (Farm & Garden Supplies), 98 Chambers
Neal B. B. Hardware Co., 117 Leonard
Neal & Brinker Co. (General, etc), 81 White
Oliver Bros. (Syndicate Purchasing Agents) (General & Heavy, Plumbers' Supplies, etc), 71 Murray
Paragon Electric Co., 329 E 5th
Patterson Bros., 27 Park row
Patterson, Gottfried & Hunter (Machinists', Railroad, Mill & Contractors' Tools & Supplies), 211 Center
Patterson & Harral (Cutlery, House Furnishing, etc), 88 White
Peck & Mack Co. (Importers & Exporters & Manufacturers' Agents) (General), 356 B'way
Phillips Isaac B. (Horseshoers' Supplies), 225 E 125th
Pruden W. E. Hardware Co., 258 W 52nd
Rouss C. B., 549 Broadway
Sargent & Co., 94 Centre
Schaper Construction Material Co., 90 West.
Sharlow Bros. Co., 442 W 42nd
Shepard Edw. G. (Mfrs.' Agents) (Builders' & General), 102 Chambers
Sickels-Loden Co., 56 Murray
Simmons Hardware Co. (Buying Office for St. Louis, Mo.), 17 Battery pl
Simon & Mills, 25H Leonard
Smith Chas. J. & Co. (Tools, etc), 130 Worth
SMITH & HEMENWAY CO. (Mfrs. & Importers Hardware Specialties), 261 H B'way; also 130 H Colt, Irvington, N. J.
See adv index at end of book
Smith & McCrorken, Inc., 65 Engert
Sperry & Alexander Co., 79 Chambers
Striffler Edward C. (Carriage & Wagonmakers' Supplies), 591 11th av.
Surpless, Dunn & Co. (Mfrs.' Agents & Exporters) (Heavy, Tools, Handles & Specialties), 74 Murray
Tiebout W. & J. (Mfrs. & Dealers) (Brass Galvanized, Ship Chandlery), 118 Chambers
Topping Bros. (Importers, Exporters, Mfrs.' Agents & Commission) (Heavy & Marine), 122 Chambers
Track Specialties Co. (Railroad), 29 B'way
Tucker Tool & Machine Co., 75 Murray
Underhill, Clinch & Co. (Jobbers) (Builders' Tools, Shovels, Lawn Mowers, etc), 84 White
Voigt, Starr & Co. (Cutlery, Plated Ware, Revolvers, Tools, Vises, Clamps, etc), 58 Warren
Vom Cleff & Co. (Importers German Hardware, Cutlery & Tools), 105 Duane
Von Thaden & Meyer (General), 73 Murray
Walls T. P. Tool & Supply Co., 75 Walker
Washington Hardware Co. Inc. (Heavy), 257 Greenwich
Weiland Chas. (Cutlery, Mechanics' Tools, etc), 149 Chambers
Wiebusch & Hilger (Ltd.) (Importers & Mfrs.' Agents, Hardware Specialties, Anvils, Chains, Cutlery, etc), 106 Lafayette
Wilson W. S. Corp., 155 Chambers
Witte Francis T. Hardware Co. (Importers, Exporters & Mfrs.' Agents) (Hardw., Cutlery, Tools, Refrigerators, etc), 106 Chambers
Worth H. P. Co., 180 West

(End of New York City)

NIAGARA FALLS — Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—Cramer Hardware Co., Inc.
OGDENSBURG—Hackett Patrick Hardware Co. (General & Iron & Steel)
OLEAN—MILLER HARDWARE CO.
Olean Hardware Co. Inc., 153H N Union

ONEIDA—Eells & Mott Co. (Carriage Hardware & Iron & Steel)
Ruby Geo. H. Hardware Co. (& Retail)
PENN YAN—Hollowell & Wise Co.
Peck Geo. W. Co.
PLATTSBURGH—Marshall A. H. Co. (General & Builders')
Myers M. P. & Co. (General)
ROCHESTER—Bennett & Mason Co. (Stoves, Furnaces & Household Specialties), 154 State
Ernst Louis & Sons (General, Builders, Tools, etc), 43 South av
Hebing Henry & Sons (Heavy, Iron), 107 North
Roby S. B. Co., 214H South av
Mathews & Boucher (General, Tools, Tinners', etc), 26 Exchange
Weed & Co., 15 Exchange
ROME—Wardwell Hardware Co. (General, Heavy, Carriage)
SAUGERTIES—Lamb's Daniel Son
SCHENECTADY—Witbeck, Clark Co. (General & Heavy)
SYRACUSE—Burhans & Black (Inc.) (General, Heavy, Fishing Tackle, Sporting Goods, etc)
Clancy Hardware Co. (Heavy, Carriage, Blacksmiths', Paints, etc)
Drennan Hardware Co.
Eddy Geo. W. Co.
Grant's Alex. & Son
Hessler H. E. Co. (General & Household)
TROY—Bonesteel A. E. & Co. (General)
Green's Hannibal Son & Co. (Heavy, etc) (Importers Norway & Swedish Iron)
Warren J. M. & Co. (Heavy, Shelf, Tinners', Metals, Cordage, etc)
UTICA—Foster David S. Sons & Co. (General, Heavy & Carriage)
Roberts Hardware Co. (General, Heavy, Tinware, etc)
WATERTOWN—Conde W. W. Hardware Co. (General, Heavy, Carriage)
Hunting Co.
Weeks John & Son Co.
WEEDSPORT—Burritt O. W. & Bro.
WELLSVILLE—Boyce Hardware Co.

NORTH CAROLINA.

ASHEVILLE — Brown Hdwe. Co. (Tools, Cutlery & Builders' Supplies)
CHARLOTTE — American Hardware & Equipment Co.
Charlotte Hardware Co. (General & Heavy)
Smith-Wadsworth Hardware Co.
Southern Hardware Co. (General)
ELIZABETH CITY—Jones D. M. Co. (General & Heavy)
Sharber & White Hardware Co.
GREENSBORO—Greensboro Hardware Co.
Odell Hardware Co. (General, Carriage, etc)
(General, Carriage, etc)
HERTFORD—Hertford Hardware & Sup. Co.
HIGH PT.—Beeson Hardware Co.
MONROE—Monroe Hardware Co.
NEWBERN—Basnight J. S. Hdwe. Co.
Cutler Blades & Hardware Co.
RALEIGH—Briggs Thos. H. & Sons (General, Heavy, etc)
Hart-Ward Hardware Co. (General & Heavy)
ROCKINGHAM—Everett Hardware Co.
THOMASVILLE—Crutchfield Hdwe. Co.
WADESBORO—Blalock-Allen Hardware Co. (General)
WASHINGTON—Harris Hardware Co.
McKeel-Richardson Hardware Co.
WILMINGTON—Jacobi N. Hardware Co. (General, Heavy, etc.)
Murchison J. W. & Co. (General, Tin, etc)
Springer W. E. & Co. (General, Heavy, Carriage, etc.)
WINSTON-SALEM — Brown-Rogers Co. (General, Agrl. Implts., etc)
Dalton Bros.
Norfleet Hardware Co.
Wall-Huske Co.

NORTH DAKOTA.

GRAND FORKS—Barnes & Nuss Co. (Also Retail)
HATTON—Ness Lumber Co. (Builders')

OHIO.

AKRON—Hardware & Supply Co. (General also Automobile & Electrical Supplies), 21-29 W Market
Mill & Mine Supply Co.
ASHTABULA—Mitchell Hardware Co. (Builders')
BRYAN—Bryan Hardware Co.
CANTON—Canton Hardware Co. (General, Factory Supplies, Glass, Paints, etc)
Crawford & Deal
Kennedy W. A. Hardware Co.
CHILLICOTHE—Chillicothe Hardware Co.
Spetnagle Hardware Co. (General & Heavy)
CINCINNATI—Boebinger Hardware Co. (General Cutlery, Tools, Patternmakers' Supplies, etc), 315 E Pearl
Carpenter D. L. & Co. (Carriage & Wagonmakers' Hardware & Supplies), 652 Main
Elsmere Hdwe. Co., Lexington Pike, Erlanger
Kruse Hardware Co. (General, Cutlery, etc), 518 Baymiller
Kruse & Bohlmann Hardware Co., Pioneer
Kuhlmann Hardware Co. (General, Builders', Cabinet, Tools, etc), 1320 Main
Morris E. K. & Co. (Heavy), 317 W 2d
National Hardware Co., 327 W 4th
Pickering Hardware Co. (General), 5th c Main
Schulte G. B. Sons Co. (Wagonmakers' & Blacksmiths' Hardware & Supplies), 716 Main
CLEVELAND—Acme Nail & Sup. Co., 422 Frankfort av
Bingham W. Co. (Heavy Shelf, Cutlery, Firearms, Mfrs.', Mining, Railway Supplies, etc), 1278 W 9th
Cray Bros., 1111 W 11th
Davis, Hunt & Collister Co., 2056 Ontario
Luekemeyer Co. (General, Heavy Lines, Mfrs. & Mill Supplies, etc.), 725 Superior av, N W
Morton-Pettitt Co., 3951 St. Clair
Worthington Geo. Co. (Heavy, Metals, Tinners', Carriage & Saddlery, Automobile & Electrical Supplies, 802-832 St. Clair av, N W
COLUMBUS—Cussins Charles D. Co., 170 N 3d
Cussins & Fearn Co. (Automobile Supplies), 38-54H W Spring
Griswold-Sohl Co. (Carriage & Heavy), 79 N Front
Mithoff H. & Co. (Heavy, Tin Plate, Tinners' Stock, Tools, etc), 234 S High
Schoedinger-Marr Co., 102 N High
Smith Bros. Hardware Co. (General, Cutlery, Paints, etc), 38 W Chestnut
COSHOCTON—Gray Hardware Co.
Ricketts B. W.
DAYTON—Dayton Iron & Steel Co. (Iron, Steel, Carriage & Heavy)
Gebhart S. T. & G. A. Co. (General, Carriagemakers' & Blacksmiths' Supplies)
Kramer-Hadeler & Co. (General, Shelf & Builders)
Tischer G. W. Co. (General, Cutlery, Nails, etc)
Trimbach Geo.
FREMONT—Swint, Reineck & Co. (General & Heavy)
GALLIPOLIS—Kerr J. M. Co.
HUDSON—Pillar Hardware Co.
IRONTON—Goldcamp Bros. & Co.
JACKSON—Ervin Bros. Co.
LANCASTER—Winter Frank Hardware Co. (General, Heavy & Carriage)
LIMA—Jones Hardware Co.
LORAIN—Lorain Hardware Co.
MANSFIELD—Martin Hardware Co.
Wagner Hardware Co. (General & Heavy & Automobile Supplies)
MARIETTA—Seyler Hardware Co.
Union Hardware Co.
MARION—Haberman Hardware Co.
NEWARK—Crane, Kreig Hardware Co.
Jones J. C. Co.
PORTSMOUTH—Hibbs Hdw. Co. (General)
SANDUSKY—Donahue Hardware Co.
SPRINGFIELD—Haucke Geo. Co.
Lion Hardware Co.
Springfield Hardware Co. (General)
Vulcan Hardware Co.
STEUBENVILLE—M. & M. Hardware Co.
Steubenville Hardware & Supply Co.
TIFFIN—Crobaugh & Dahm Hardware Co. (General)
TOLEDO—Bostwick-Braun Co. (General & Heavy)
Heavy Hardware Co. (Carriage, etc.)
Merrell Co.
Schunk Hardware Co. (General & Paints)
Simmons Hardware Co.
Star Hardware & Supply Co. (Builders', Cabinet, Tools, Cutlery, Glass, Paints, etc)
Stollberg Hardware & Paint Co. (General, Tools, Cutlery, Glass, Paints, etc)
TROY—Schaible, Houser & Mowry
URBANA—Cooper Otway Co. (General, Saddler, etc)
WARREN—Park Hardware Co.
Warren Hardware Co.
WASHINGTON—Ford Hardware Co.
WELLINGTON—Dougherty Bros. Hardware Co.
YOUNGSTOWN—Stambaugh Thompson Co. (General, Heavy, Plumbers', etc)
Wilkins-Leonard Hardware Co. (General, Household, Mill Supplies, etc.)
ZANESVILLE—Clossman Hardware Co.

OKLAHOMA.

CHICKASHA—Gilkey Jarboe Hardware Co.
CLINTON—Welch Wholesale Hardware Co.
EL RENO—Bonebrake Hardware & Implement Co.
ENID—Champlin Hardware Co.
Gensman Bros. & Co.
GUTHRIE—Hirschi E. L. (General & Heavy)
KINGFISHER—Hockaday E. & Co.
McALESTER—Russell Hardware Co.
MUSKOGEE—Hooker Hardware Co.
Lantz (W. R.) Mfg. & Supply Co. (Heavy)
Muskogee Hardware Co.
OKLAHOMA—Oklahoma City Hardware Co. (General, Heavy, etc)
Pettee W. J. & Co. (General, Agr'l Implements)
Richards & Conover Hardware Co.

OREGON.

BAKER—Basche-Sage Hardware Co.
MEDFORD—Garnett Bros.
PORTLAND—Dayton Hardware & Mchy. Co. (General, Electrical, Upholsterers', etc), 194 1st
Failing, McCalman Co. (General & Metals), 88 Front
Haseltine J. E. & Co. (Carriage, Heavy, etc), 43 2nd
Hexter & Co. (Tinware & Crockery, Stoves, etc), 480 Hoyt
Honeyman Hardware Co. (General, Heavy, etc), 9th & Hoyt
Marshall Wells Hardware Co. (General, Heavy, etc), 15th & Lovejoy
May Hardware Co., 124 Front
Northwestern Hdwe. & Steel Co., 48 N 14th
Robertson Hardware & Steel Co. (Blacksmiths', Wagonmakers', etc) 30 2nd

PENNSYLVANIA.

ALLENTOWN—Berger, Glose Co.
Ebbecke M. C. Hardware Co.
Hersh F. Hardware Co. (General, Heavy, Builders', Carriage, etc)
Schelly C. Y. & Bro. (General, Builders', etc)
Scholl E. H. Co., 24H N 7th
Young M. S. & Co. (General, Builders', Blacksmiths', etc)
ALTOONA—Goodfellow's W. H. Sons (General Agr'l Impl'ts, etc)
Standard Supply & Equipment Co. (Tools, etc)
ASHLAND—Buck Peter E. & Sons (General, Heavy, Carriage, etc)
BEAVER FALLS—Davidson Hdwe. Co., Dept. H
BELLEFONTE—Potter-Hoy Hardware Co. (General, Heavy, Carriage, etc)
BETHLEHEM—Krause J. S. Hardware Co.
BRADFORD—Bodine Geo. A. Co., Dept. H
Emery Hardware Co. (General Heavy, etc.)
BROOKVILLE—Fetzer Bros. (Harness, Implts. & Buggies)
BUTLER—Campbell J. G. & W.
CHESTER—Galey Hardware Co.
Railey Benj. F.
CHICORA—Hays E. F. & Sons
Hock Bros.
CLARION—Magee Jno. A. Co.
CLEARFIELD—Clearfield Hardware Co.
COATESVILLE—Bailey Hdwe. Co., Dept. H
Pownall Hardware Co.
CONNELLSVILLE—Frisbee Hardware Co.
CORRY—Barlow Hardware Co. (General, Heavy, Blacksmiths' etc.)
DALTON—Dalton Supply Co. (Heavy)
DANVILLE—Welliver W. W. (General, Heavy, etc)
DUBOIS—Hibner-Hoover Hardware Co. (General, Builders', etc)
Prothero, Bailey & Goodwin
EASTON—Losey & Co. (Blacksmith' & Carriage)
Miller T. T. Hardware Co. (General, Heavy, etc)
Osterstock, J. S. & Co.
EMLENTON—Mitchell H. B. & Co
ERIE—Arbuckle Wm. Irwin, Dept. H
Erie Hardware Co.
Schneider Hardware Co.
United Hardware & Supply Co., Dept. H
Weller H. P. Supply Co. (Heavy)
Zesinger Geo. R. Co.
GREENVILLE—Packard Hardware Co. (General, Heavy, etc)
HANOVER—Shirk Samuel & Son (General, Heavy, Carriage, etc)
Tanger J. C. Co.
HARRISBURG—Gable H. A. Co.
Gilbert H & Son (General & Heavy)
Harrisburg Hardware Co.
HAZLETON—Barber J. F. & Co. (Tin, Woodenware, Stoves, etc)
Fisher, Richards & Todd (Heavy)
Hazleton Hardware Co.
Hazleton Machinery & Supply Co. (Heavy, Mine & Mill)
Woodring Jeremiah & Co. (Mine, Mill & Elect. Supplies)
HUNTINGDON—Miller C. H. Hardware Co. (General, Pipe, etc)
Wagner Bros. Hardware Co. (Electrical Supplies)
INDIANA—Stewart Jas. M. & Co.
JOHNSTOWN—Swank Hardware Co. (General, Builder's Carriage, etc)
KINGSTON—Roat A. J. Supply Co. (General, Heavy, Carriage, etc)
LANCASTER—Herr & Co. (General)
Pontz A. F. & Co.
Reilly Bros & Raub (General)
Steinman Hardware Co. (General, Heavy, Carriage, etc)
LEBANON—Krause Geo. Hardware Co. (General, Heavy, etc)
Lebanon Hdwe. Co., 217H 8th
LEHIGHTON—Sendel & Rouse
LEWISBURG—Driesbach's C. Sons (General, Saddlery, etc)

PENNSYLVANIA—continued
McKEESPORT—Hartman Hardware Co.
MAHAFFEY—Wrigley Co.
MAHANOY CITY—Heiser H. J. & Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Cover Peter J. & Son
Shipley Hardware Co.
MILTON—Buoy Jno. Y. Co. (General)
MOUNT CARMEL—Wardrop John
MOUNT PLEASANT—Stevenson J. A. & Co.
NEW CASTLE—Kirk-Hutton & Co.
Smith C. Ed. Hardware Co.
NORRISTOWN—Quillman Benj. Hardware Co.
PATTON—Central H'dware & Supply Co.
PHILADELPHIA—Allen W. H. & G. W. (General, Builders', Cutlery, etc), 113 Market
Cusack Hdwe. Co., 1004 Arch
Cusack Hdwe. Co., 1004 Arch
Equipment Mfg. & Supply Co., 26 N 5th
Field's Chas. J. Sons (General, Cutlery, etc), 633 Market
Ghriskey's Chas. M. Sons (General, Mechanics' Tools & Specialties), 508 Commerce
Hessenbruch Herman Co. (Importers & Jobbers German Hardware), 8 N 5th
Klufkee H. E. Saddlery Co. (Saddlery), 109 N 3rd
Murta Appleton & Co. (& Cutlery), Dept. H, 12th & Sansom
Newlin-Knight Hardware Co. (General, Cutlery, Railway Supplies, etc), 411 Commerce
Noblit Bros. & Co. (Cabinet), 222 S 2d
Rogers & Miller (General), 135 Market
Sanson & Rowland, 505 Commerce
Sees & Faber Co. (Automobile & Electric Supplies), 2008 N Front
Seltzer-Klahr Hardware Co. (Cutlery, Guns & Ammunition), 535 Market
Shannon J. B. Hardware Co.,, 816 Chestnut
Shannon J. J. & Co., 1744 Market
Shields & Bro. (General, Heavy, etc), 521 Market
Simmons Hardware Co., 421 Arch
Soeffling Adolph & Co., 833 Arch
Standard Supply & Equip. Co., 134 N 13th
Supplee-Biddle Hardware Co. (Shelf, Heavy, Cutlery, Lawn Mowers, etc), 520 Commerce
PHOENIXVILLE — Benjamin Hardware Co.
PITTSBURGH—American Hardware & Supply Co., 43 Terminal way
Biddle Purchasing Co., 379 Union Arcade
Colonial Supply Co. (Heavy), 217 Water *See adv index at end of book*
Daum & Helm Hdwe. Co. (Bldrs.), 623 Ohio, N S
Demmler Bros. Co. (Enameled Ware, Household, etc), 100 Ross
Fort Pitt Hardware Co., 807 Liberty av.
Hukill-Hunter Co., 35 Terminalway
Lindsey James C. Hardware Co., 12 8th
Logan-Gregg Hardware Co., 121 9th
Love Thompson Co. (Heavy), 209 1st av
McKnight Sam'l Hardware Co., 225 Federal
Pa. Hdwe. & Paint Co., 6103 Penn av
Simmons Hardware Co., Jenkins Arcade
Steiner & Voegtly Hardware Co., 230 Diamond
Williams J. A. & Co., 115 7th av.
Woodwell Jos. Co. (General, Builders' & Mill Supplies), 207 Wood
PLYMOUTH—Shawnee Supply Co.
POTTSTOWN—Fegely Jacob & Son
POTTSVILLE—Bright George Hardware Co. (General, Mining, etc)
Pottsville Supply Co.
Thompson L. C. (General, Heavy, Carriage, etc)
PUNXSUTAWNEY—Punxsutawney Hdwe. Co.
Punxsutawney Lumber & Supply Co.
READING—Bard Hardware Co. (General, Heavy, Carriage, etc)
Bright & Co. (General, etc)
Hoff & Bro. (General, Firearms, etc)
Kershner, Matthias & Fritch
Stichter Hardware Co. (General Heavy Carriage, etc)
Tragle Mfg. Co. (File, Rasps & Hack Saws)
Worley Hardware Co. (General)
ROUSEVILLE—Rouseville Supply Co.
ROYERSFORD—Buckwalter J. A.
SCOTTDALE—Loucks Hardware Co.
SCRANTON—Bittenbender Co. (Heavy & Carriage)
Doyle Jas. B.
Foote & Becker (Builders')
Gunster Bros.
Leonard Thos. F. Co.
Scranton Supply & Machy. Co.
SHAMOKIN—Hack W. C. & Sons Hardware Co.
Jones Hardware Co. (Mfrs.' Agents)
Sanner Hardware Co.
SHARON—Fruit-Ohl Co. (Gen'l, Heavy, etc.)
SOMERSET—Holderbaum James B.
SOUTH BETHLEHEM—Drissel & Eberts
TAMAQUA—Seligman Wm & Boll (General)
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
WARREN—Pickett Hardware Co.
WAYNESBORO—Beck & Benedict Hardware Co.
Rinehart Daniel
WILKES-BARRE—Baab Frank
Eastern Penna. Supply Co. (General Heavy, etc.)
Lewis & Bennett Hardware Co.
Morgan's C. Sons (General, Tools, etc.)
White Hardware Co.
WILLIAMSPORT—Kline & Co.
Linck Jacob H. (Est. of)
Williamsport Hardware & Stove Co.
YORK—Frey & Thomas (General)
Fulton, Mehring & Hauser Co.
McClellan & Gotwalt Co. (Ltd.), (General)
Small P. A. & S. Co. (General, Blacksmiths', etc.)

RHODE ISLAND.

PAWTUCKET—Toole Wm. K. Co.
PROVIDENCE—Ballou, Johnson & Nichols Co. (Mfrs. Agts. Kitchen Hardware), 128 Dorrance
Barker, Chadsey & Co. (General), 38 Westminster
Barrett W. E. Co., 89 Canal
Belcher & Loomis Hardware Co. (General, Manufacturing Jewelers' & Electrical Supplies, etc), 89 Weybosset
B. & H. Supply Co., 115 Mathewson
Church E. C. Co., 5 Eddy
Congdon & Carpenter Co. (General Builders', Cordage, etc), 155 Canal
Rhode Island Supply & Sprinkle Co. (Tools), 156 W Exchange
WOONSOCKET—Darling C. H.

SOUTH CAROLINA.

ANDERSON—Anderson Hardware Co.
Sullivan Hdwe Co. (General & Heavy)
BEAUFORT—Christensen N. & Sons
CHARLESTON—Ball Supply Co.
Franke C. D. & Co. (Carriage & Auto Accessories)
Lazarus M. H. Co.
Pearlstine I. M. & Sons
Southern Hardware Co. (Shelf)
Thompson-Miler Hardware Co. (Shelf)
CHESTER—Chester Hardware Co.
Hendrix Hardware Co.
COLUMBIA—Lorick & Lowrance
GREENVILLE—Jones Hardware Co.
Poe Hardware & Supply Co.
South Implement Co. (Heavy), Dept. H
Sullivan-Markley Hardware Co.
SPARTANBURG—Montgomery & Crawford (General)
Montgomery & Crawford (General)
Palmetto Hdwe. & Supply Co.
Spartan Hdwe. Co.
UNION—Union Hardware Co.

SOUTH DAKOTA.

ABERDEEN—Jackson Hardware Co. (General & Heavy)
RAPID CITY—Duhamel Co. (General Carriage, Wagon, etc.)
Sweeney Tom Hardware Co. (General)
SIOUX FALLS—Dakota Iron Store, The
Larson Hardware Co. (General & Heavy)

TENNESSEE.

BRISTOL—Interstate Hardware & Supply Co.
Mitchell-Powers Hardware Co. (General & Heavy)
CHATTANOOGA—Crisman Hardware Co., 511 Market
James Supply Co. (General & Heavy)
Magill Hardware Co. (General & Heavy)
Mills & Lupton Supply Co., 1146 Market
P'Pool C. M. Hardware Co., 910 Market
Prater & Palmer Hdwe. Co., Dept. H
Rogers-Bailey Hardware Co. (Heavy)
Stovall Hardware Co.
Vance John C., Iron & Steel Co.
CLARKSVILLE—Elder J. E. Hardware Co.
Elder-Conroy Hardware Co.
CLINTON—Clinton Hardware Co.
COOKEVILLE—Whitson Jerre Hardware Co.
JACKSON—Gooch-Edenton Hardware Co. (General)
McGee-Ross Hardware Co.
JELLICO—Jellico Hardware Co.
McComb Supply Co.
JOHNSON CITY—Summers Hardware Co. (General)
KNOXVILLE—House-Hasson Hardware Co.
Lord Hord Hardware Co.
Luttrell S. B. & Co.
McClung C. M. & Co. (General, Heavy, Tools, etc.)
Sterling, Crumbliss Hardware Co.
Tenn. Mill & Mine Supply Co. (Heavy)
Woodruff W. W. Hardware Co. (General)
MEMPHIS—Barnes W. E., Inc.
Harris Iron & Supply Co. (Carriage & Heavy)
Orgill Bros. & Co. (Shelf & Cutlery)
Pidgeon-Thomas Iron Co. (Mill Supplies)
Stewart Bros. Hardware Co.
Stratton-Warren Hardware Co. (General)
MORRISTOWN—Hasson, Holt & Nance
NASHVILLE—Buford Bros. (Heavy, Carriage, etc.)
Craig & Shoffner Hardware Co. (Shelf & Heavy)
Gray & Dudley Hardware Co. (General, Heavy, etc.)
Hermitage Hardware Co,. (General & Builders)
Hitchcock L. H. & Son (Heavy)
Keith, Simmons & Co. (General, Heavy, etc).
Lipscomb H. G. & Co. (General & Heavy)
McWhorter, Weaver & Co. (General)

TEXAS.

ABILENE—Hughes Edw. S. Co. (General & Heavy)
AMARILLO—Amarillo Hardware Co.
Morrow Thomas Hardware Co. (General)
AUSTIN—Richardson W. H,. & Co,.
Tips Walter Co. (General, Heavy, Carriage, Saddlery, etc.)
BEAUMONT—Norvell-Wilder Hardware Co.
Wilson E. L., Hardware Co. (General, Heavy, etc.)
BROWNWOOD—Austin Hall Hdwe. Co.
Weakley-Watson-Miller Hardware Co. (General)
CHILDRESS—Norris R. H. Hardware Co.
CORPUS CHRISTI—Corpus Christi Hardware Co. (& Automotive Equipment)
CORSICANA—Tatum W. M. Hardware Co. (General)
DALLAS—Huey & Philp Hardware Co,. (General, Tinners', etc.)
Moroney Hardware Co. (General)
DENISON—Hall-Leeper Hardware Co.
EL PASO—Krakauer, Zork & Moye's Successor's, Inc. (General Firearms, etc.)
Momsen-Dunnegan-Ryan Co.
FORT WORTH—Nash Hardware Co. (General, Heavy, etc.)
GAINESVILLE—Kennerly S. J.
GALVESTON—Black Hdwe. Co.
Blum Ben & Co.
HALLETTSVILLE — Hallettsville Hdw. Co. (General)
HOUSTON—Bering C. L. & Theo., Jr. (Sporting Goods)
Bering-Cortes Hardware Co. (General)
Heitmann F. W. Co,. (Heavy)
Meyer Jos. F. Co. (Heavy & Carriage)
Peden Iron & Steel Co. (Heavy, etc.)
JEFFERSON—Meyer Eugene
Torrans Mfg. Co.
LAREDO—Deutz A. & Bro. (General & Heavy)
MERCEDES—Rio Grande Hardware & Machinery Co.
NACOGDOCHES—Cason-Monk & Co.
PARIS—Bettes H. S. Hardware Co. (General)
ROCKDALE—Henne & Meyer Co.
SAN ANGELO—Crowther Hdwe. Co.
Findlater Hardware Co.
SAN ANTONIO—Basse Wm,. Hardware Co. (Carriage, Wagon & Heavy)
Braunschweig-Briam-Reich Co., 106 E Commerce
Heusinger Hardware Co. (Heavy, Builders', Cabinet, Tools, etc.)
Newton, Weller & Wagner Co.
Peden Iron & Steel Co.
Praeger Hardware Co.
Schultze-Stove & Hardware Co.
Tips Hardware Co. (General)
SHERMAN—Hardwicke-Etter Co.
Roberts, Sanford & Taylor Co. (General)
STAMFORD—Penick Hughes Co.
TEXARKANA—(See Arkansas)
TYLER—Adams J. H. & Son (General, Heavy, etc.)
Wadel Connally Hardware Co.
WACO—Herrick Hardware Co.
McLendon Hardware Co. (General), Heavy, etc)
Padgitt Tom Co. (Saddlery, etc.)
WEATHERFORD—Lowe & Co. (General, etc.)

UTAH.

OGDEN—Lowe Geo. A. Co. (Heavy)
Simmons J. C. (Tinware)
SALT LAKE CITY—Salt Lake Hardware Co. (General, Heavy, etc.)
Strevell-Paterson Hardware Co. (General, Heavy, etc)
Zion's Co-operative Merecantile Institution (General, Heavy, etc.)

VERMONT.

BELLOWS FALLS—Howard Hardware Co.
BRATTLEBORO—Robbins & Cowles
BURLINGTON—Hagar Hardware & Paint Co.
Isham Hdwe. Co.
Strong Hardware Co. (Heavy, Builders', Carriage, etc)
Vermont Hardware Co. (General & Saddlery)

MONTPELIER—Diming Hdwe. Co.
Dwinell Hdwe. Co.
Peck Bros. Co.
NEWPORT—Root Hy. S. & Son
True & Blanchard Co.
RUTLAND—Landon W. C. & Co.

VIRGINIA.

ALEXANDRIA—Carlin Hulfish Co.
BLACKSTONE—Dillard Crawley Hardware Co.
BRISTOL—(See Tennessee)
CHARLOTTESVILLE — Charlottesville Hardware Co. (General, Cutlery, Heavy, etc)
Martin W. T. Hardware Co.
CLIFTON FORGE—Smith & McKinney Hardware Co. (General, Builders', Tools, etc)
DANVILLE—Clark, L. C. & Co.
Danville Hardware Co.
Mobley-Graham-Jones Co.
Motley B. S. & Co.
Piedmont Hardware Co. (General, Builders', Tools, etc)
EMPORIA—Tillar W. T. Co.
HAMPTON—Booker H. R. & Co.
HARRISONBURG—Snell Gro. & Hardware Co.
Wilton Hardware Co.
LEXINGTON—Myers Hardware Co.
LYNCHBURG—Ainslie & Martin Co. (General, Heavy)
Bailey Spencer Hardware Co. (Heavy, Shelf, Firearms, etc)
Barker-Jennings Hardware Co. (Heavy, Shelf, Firearms, etc)
Gannaway Jno. E. & Co. (General)
Handy N. B. Co. (Heavy)
Perrow-Evans Hardware Co. (General)
NEWPORT NEWS—Cadwell E. W. Hdwe. Co.
Rosenbaum Hardware Co., 2610 Washington av
NORFOLK — Building Supplies Corp. (Builders')
Engel G. & Bros., 301 Main
Kilpatrick B. H. & Co. Inc. (Marine), 308 Water
Malbon P. J.
Marine Equipment Co. (Marine)
Price-Reynolds Hardware Co. Inc., 115 Market
Watters & Martin (General, Heavy, etc)
White Hardware Co. (General)
Womble's J. G. Sons
NORTON—Norton Hardware Co. (General)
PETERSBURG—Leonard Chas. Hardware Co. (General)
Petersburg Hardware Co.
Peterson & Joyner
Stockdell Myers Hardware Co.
PORTSMOUTH — Hawks - Maupin Co. (Builders)
PULASKI—Price Hardware Co.
RICHMOND—Baldwin & Brown (Shelf, Builders' & Heavy), 1557 E Main
Clarke A. B. & Son Hardware Co. (General, Heavy, Carriage, etc), 510 E Broad
Donnan W. S. Hardware Co. (Heavy & General), McDonough
McGraw James, Inc. (General, Machinists' Supplies), 1442 E Main
Richmond Hardware Co. (General & Shelf), 101 S 14th
Taylor E. L. & Co. (Carriage & Wagon), 9th & Carey
Virginia-Carolina Hardware Co. (General Tinware, etc), 1332 E Main
Watkins-Cottrell Co. (Shelf & Heavy), 14th & Dock
ROANOKE—Graves-Humphreys Hardware Co.
Nelson Hardware Co. (General, Miners' Supplies, etc)
Roanoke Hardware Co. (Shelf)
SOUTH BOSTON—Penick R. A. & Son (General)
STAUNTON—Bowman C. P. Hardware Co. (General, Saddlery, etc)
Worthington Hardware Co. (General, Heavy Carriage, Saddlery, etc)
SUFFOLK—Folk E. L. Co.
Thomas Hardware Co.
TAZEWELL—Greever J. A.
Peery W. E.

WASHINGTON.

ABERDEEN—Isaacson L. G. Co.
BELLINGHAM—Morse Hardware Co. (General)
Northwest Hardware Co. (General & Heavy)
EVERETT—Agnew Hardware Co.
N. YAKIMA—Yakima Hardware Co.
SEATTLE—Castle A. M. & Co. of Washington (Heavy, Mill & Railway), 32-34H Conn.
Curtiss Wm. M. Co.
Ernst Hardware Co., 6th & Pike
Gray Bros. Co. (Carriage, Wagon, etc)
Schwabacher Hardware Co. (Heavy, Shelf, Ship Chandlers, etc), 1st S & Jackson
Seattle Hardware Co. (Heavy, Shelf, Tools, etc)
Spelger & Hurlbut, Inc.
Whiton Hardware Co.
SPOKANE—Holley-Mason Hardware Co. (Shelf, Heavy, Plumbers, etc)
Jensen-King-Byrd Co.
Kilmer & Sons Co., 1001 1st av
Marshall-Wells
Spokane Hardware Co. (General)
Ware Bros. Co., 125H Howard
TACOMA—Hunt & Mottet Co. (General & Heavy)
Mohr Henry Hardware Co.
Palace Hardware Co.

WEST VIRGINIA.

BELINGTON—Kane & Keyser Hardware Co.
BLUEFIELD—Bluefield Hardware Co. (General, Tinware, etc)
Sterling Hardware Co.
CHARLESTON—Baird Hdwe. Co. (General)
Burlew Hardware Co. (General)
Charleston Hardware Co. (General)
Goshorn Hardware Co. (General)
Loewenstein & Sons (Saddlery)
Sparke J. W. Co. (General)
CLARKSBURG—Williams Hardware Co. ("Wilco," General, Heavy, Carriage)
FAIRMONT — Jacobs - Hutchinson Hardware Co. (General)
HINTON—New River Hardware Co.
HUNTINGTON—Emmons, Hawkins Hardware Co. (General, Natural Gas Fixtures, etc)
Foster-Thornburg Hardware Co. (General, etc)
Miller Supply Co. (Heavy), Dept. H
KEYSER—Keyser Hardware Co.
Siever Hardware Co. (General)
PARKERSBURG—Niswander G. W. & Co.
Smith W. H. Hardware Co (General)
Wiant & Barr Hardware Co.
RAVENSWOOD—Harpold Bros.
Moore C. P. (General)
SPENCER—Moore Charles P. & Co.
SUTTON—Lee W. H.
WELCH—Moore Combination Stores.
WEST UNION—Cox Brothers Co.
WHEELING—Braunlich, C. F. & Co.
Greer & Laing (General & Heavy)
Hiener Hardware Co.
Miller & Stein (Heavy, Carriage, etc)
Ott-Heiskell Hardware Co. (General, Cutlery, etc)
Whitaker-Glessner Co. (Wheeling Corrugating Dept.)
Wilson W. A. & Sons (Builders')

WISCONSIN.

APPLETON—Galpin's Alfred Sons
Schlafer Hardware Co.
Tesch Wm.
ASHLAND—Garnich Emil & Sons Hardware Co.
BURLINGTON—Wagner C. B. Hardware Co.
FOND DU LAC—Hughes Jno. Hardware Co.
Wegner J. F. & Co.
GREEN BAY—Morley-Murphy Hardware Co. (General, Cutlery, etc)
JANESVILLE—Bicknell Mfg. & Supply Co.
LA CROSSE—Kroner Fred Hardware Co. (General, Wagon, Tools, etc)
Tausche, Vincent Hardware Co. (General, Blacksmiths', etc)
MADISON—Kroncke H. G. Hardware Co.
Sumner & Morris
MANITOWOC — Worel Hardware Co. (General, Heavy, Cutlery, Firearms)
MILWAUKEE—Ehlert Hardware Co., 309 3rd
Frankfurth Wm. Hardware Co. (General, Heavy, Carriage, etc.), 119 W Water
Gross Philip Hardware & Supply Co., 218 3rd
Hilgendorf C. F., 303 3d
Kolloge Hdwe. Co., 3rd & Chestnut
Pritzlaff John Hardware Co. (General, Heavy, Tin Plate, Cutlery, etc), 51 W Water
Shadbolt & Boyd Iron Co. (Wagon & Carriage), 131 W Water
Suelflohn & Seefeld (Heavy, Carriage, etc), 45 2d
NEENAH—Krueger Wm. Co.
OSHKOSH—Hay Hardware Co.
Leach Frank Hardware Co.
RACINE—Hoernel Hardware Co.
Mohr-Jones Hardware Co.
Racine General Mfg. Co. (Wagon)
SHEBOYGAN—Geele Frank Hardware Co.
SUPERIOR—Superior Hardware Co.
WATERTOWN—Kusel D. & F. Co.
WAUSAU—Bauman Hardware Co.

WYOMING.

CHEYENNE—Arp & Hammond Hardware Co.
Roedel Frank A.
EVANSTON—Beeman & Cashin Mercantile Co.
LARAMIE—Holliday W. H. Co.
SHERIDAN—Diefenderfer & Dinwiddie Co.

5942—Harness (Coal Mine, Etc.)

Beagle Hame Works, Freeland, Pa.
Kugler Clarence B., Jr. & Co., Land Title bldg, Phila., Pa.
Lerch Bros., 114 Hanover, Baltimore, Md.
Olewine Wm. & Son, Hazleton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Strecker Bros. Co., Marietta, O.

5943—Harness (Contractors')

Lerch Bros., 114 Hanover, Baltimore, Md.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Sickles J. B. Saddlery Co., 2100 Washington, St. Louis, Mo.
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.

5944-45— Harness Menders

Garland Mfg. Co. (Loom), Saco, Me.
Sacks Louis, Inc. ("Royal"), Wilson av, Newark, N. J.

5946—Harness, Saddles & Strap Work (Mfrs.)

ARKANSAS.

FORT SMITH—Murphy W. J.
LITTLE ROCK—Voss-Hutton Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery & Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333 Market
Johnson F. S. Co., 576 Howard
Keyston Bros., 120 2d
STOCKTON—Schaffer W. H.

CONNECTICUT.

HARTFORD—Smith, Worthington Co.

GEORGIA.

ATLANTA—Crumley-Sharp Hdwe. Co., 45 Walton
BUFORD—Allen Bona (Inc.)
Shadburn Bros.
MACON—Bernd G. Co.
WACO—Heaton & Senft

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
CHICAGO—Diamond Whip Co. (Face Nets), 406 N Curtis
Kronauer Chas. & Co., 844 Fulton
DECATUR—Starr J. G. & Son
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
MORTON—Kramer Rotary Harrow Co.
QUINCY—Wolf Mfg. Co.
ROCKFORD—Hess & Hopkins Leather Co.

INDIANA.

ELKHART—Elkhart Carriage & Motor Car Co. (Harness Only)
FORT WAYNE—Fort Wayne Saddlery Co.
INDIANAPOLIS—Indianapolis Saddlery Co., 237 S Meridian
Rehfuss Martin Jr.
KOKOMO—Ulrich Mfg. Co. (Saddles Only)
LA PORTE—La Porte Harness Co.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C. Co.
CLINTON—Clinton Saddlery Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Boyt Walter Co.
Des Moines Saddlery Co.
MUSCATINE—Van Nostrand Saddlery Co.
OSKALOOSA—Fitch R. F. & W. B. Co.
SIOUX CITY—Meyer Bros. Saddlery Co.
WATERLOO—Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
Kessler-Barkow Saddlery Co.
FORT SCOTT—Glunz Saddlery Co.
WICHITA—Hays L.
McComb Bros.

KENTUCKY.

LOUISVILLE—Bohr Geo. & Sons (Saddles & Bridles), 613 W Market
Formau-Breen Mfg. Co.
Harbison & Gathbright
Hodapp & Miller
Krieger J. P. Saddlery Co.
Miller Jno. Saddlery Co.
PADUCAH—Michael M. & Bro.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co., 220 Decatur
Whitney & Sloo Co. (Ltd.,) 733 Tchopt
SHREVEPORT—Shreveport Saddlery Co.

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover
Rose Peter & Sons, 9 S Howard

HARNESS, SADDLES & STRAP WORK (MFRS.)—continued

MASSACHUSETTS.

BOSTON—Ranno-Speirs Co., Jobbers, 39 High
GARDNER—Godfrey G. R.

MICHIGAN.

BATTLE CREEK—Eldred Willard H.
DETROIT—Naylon-Pierson-Hough Co., 532 Congress W
Pierson & Hough Co., 118 W Congress
Sutherland F. L. Co., 139 Beaubien
Tuttle & Clark, 187 E Jefferson
FLINT—Weit & Perry
HUDSON—Kellogg H.
SAGINAW—Morley Bros.

MINNESOTA.

DULUTH—Marshall-Wells Co.
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brockmann Co., 15 N 3rd
Noe G. D. Harness Co.
Nott W. S. Co., 2d av N & 3d
ST. PAUL—Friend Chas. & Son, 343 Jackson
Scheffer & Rossum Co., 104 E 10th
WINONA—Minnesota Harness Factory

MISSISSIPPI.

MERIDIAN—Threefoot Bros. & Co.

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Burns P. Saddlery Co., 713 Lucas
Sickles J. B. Saddlery Co., 2100 Wash.
Simmons Hardware Co., 9th & Spruce
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Saddlery Co.
Steineger Saddlery Co.

NEBRASKA.

LINCOLN—Harpham Bros. Co.
NORFOLK—Winter H. W.
OMAHA—Cornish Alfred & Co.
Haney J. H. & Sons
Marks Bros. Saddlery Co.

NEW JERSEY.

NEWARK—Peters Harness & Saddlery Co., 364 Mulberry

NEW YORK.

ROME—Barnard Edw. Co.
SYRACUSE—Olmsted Co.

NORTH CAROLINA.

WINSTON-SALEM—Black Mule Harness Co., 432H N Main
WINSTON-SALEM—Shipley J. W.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

BRYAN—Riley Wm. H. & Son
CINCINNATI—Curry J. W. Co. ("Curry" Fabric Harness), 2615 Cummins
Graf-Morsbach Co., Flint & Wade
Grossman & Hooe Saddlery Co., 221 Main
Perkins-Campbell Co., 622 B'way
COLUMBUS—Sells J. H. & F. A. Co., Chestnut & Pearl
LOWELL—Hollinger Jacob F.
MARIETTA—Strecker Bros. Co.
NEW BERLIN—W. H. Co.
NORTH CANTON—Hoover W. H. Co. (Patent leather)
SIDNEY—Given R. & Son Co.
TOLEDO—Sattler Peter Co.

OKLAHOMA.

OKLAHOMA — Hughes-Bozarth-Anderson Co.

OREGON.

PORTLAND—Breyman Leather Co., 329 Everett
Clark Jno. Saddlery Co., 104 Front
Cronin P. J. Co., 129 1st
Lawrence Geo. Co., 82 1st
McMonies W. H. & Co., E 7th & Hancock

PENNSYLVANIA.

INDIANA—Marshall Godfrey (Saddlery)
YOUNGSVILLE—Youngsville Saddlery Co.

RHODE ISLAND.

PROVIDENCE—Rounds T. W. Co., Ltd., 48 Washington

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
KNOXVILLE—Karnes Howard
NASHVILLE—Goodpasture & Tenison
Gray & Dudley Hardware Co.
Nashville Saddlery Co.
Orman-Partee Saddlery Co.
SHELBYVILLE — Robinson-McGill Mfg. Co.

TEXAS.

DALLAS—Padgitt Bros. Co.
Schollkopf Co
Tenison Bros. Saddlery Co.
FORT WORTH—
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgitt Tom Co.

UTAH.

OGDEN—Read J. G. & Bros. Co.
SALT LAKE CITY—Salt Lake Hardware Co.

VIRGINIA.

NEWPORT NEWS—Miller & Gleason
RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.

WASHINGTON.

SEATTLE—Duncan & Sons
Seattle Saddlery Co.

WEST VIRGINIA.

WHEELING—Hutchisson T. T. & Co.

WISCONSIN.

EAU CLAIR—Schwahn-Seyberth Mfg. Co.
GREEN BAY—Franssens J. M.
McIntyre-Burrall Co.
MADISON—Madison Saddlery Co.
MILWAUKEE—Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

5947— Harpoons

Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Wilcox, Crittenden & Co., Inc., Middletown, Conn.
See adv index at end of book

5948— Harps (Trolley)

See Wheels, Trolley; also Trolley Line Materials

Bayonet-Trolley-Harp Co., Springfield, O.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Railway Equipment Co., Cincinnati, O.
Electrical Material Co. ("Feist"), 618 W Jackson blvd
Holland Trolley Supply Co., 1623 E 43d, Cleveland, O.
Meckel Fred. L., 11 E 13th, Chicago, Ill.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
NUTTALL R. D. CO. ("Union"), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Brass Co. The (For Mine Only), Mansfield, Ohio
See adv index at end of book
Star Brass Works ("Kalamazoo"), Kalamazoo, Mich.

5949—Harrow & Cultivator Combined

White's S. R. Sons ("I. A. Special"), Norfolk, Va.

5950— Harrows (Alfalfa)

Avery B. F. & Sons ("Avery"), Louisville, Ky.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Deere & Co. ("Deere"), Moline, Ill.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Moline Plow Co. ("Moline"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rock Island Plow Co. ("Porcupine"), Rock Island, Ill.

5951— Harrows (Boss)

Anderson Co., 2324 University av, St. Paul, Minn.
Hayes Pump & Planter Co., Galva, Ill.
Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
La Crosse Plow Co., La Crosse, Wis.
Madison Plow Co., Madison, Wis.
Oliver Chilled Plow Works, South Bend, Ind.
Rock Island Plow Co., Rock Island, Ill.
Rowell I. B. Co. (Scotch Lever), Waukesha, Wis.

5952-3— Harrows (Disc)

American Seeding Machine Co. ("Evans," Gang & "Superior" on Wheels, also Truck), Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons ("New Tornado"), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co. ("Yankee"), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Brown Mfg. Co., Zanesville, O.
Bryan Plow Co.,, Bryan, O.
Bucher & Gibbs Plow Co. ("Imperial," "Perfect," also Cut Out Disc & Double Disc), Canton, O.
Case J. I. Plow Works ("J. I. Case," Reversible & Tandem), Racine, Wis.
California Plow Co. (Double), 140 Polhenus, San Jose, Cal.
Collins Plow Co., Quincy, Ill.
Cutaway Harrow Co. ("Clark's Cutaway," "Great Western"), Higganum, Conn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Deere & Co. ("Deere" Engine Gang, Single & Double Action, Engine & Orchard), Moline, Ill.
Emerson-Brantingham Co. ("E. B." Horse & Engine Plain Disc.), Rockford, Ill.
Evans B. A., Hammond, N. Y.
Fetzer & Co. ("Excello," "Spear Head," "O. K." "Fetzer," "McSherry," Springfield, Ill.
Gale Mfg. Co. ("Albion," One or Two Lever, also Cutaway), Albion, Mich.
Galesburg Coulter-Disc Co., Galesburg, Ill.
Grand Detour Plow Co., Dixon, Ill.
Hartman Mfg. Co., Vincennes, Ind.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Holt Mfg. Co., Stockton, Cal.
International Harvester Company of America (Inc.) (Deering-McCormick "International" "P. & O."), Harvester bldg., Chicago, Ill.
Janesville Mach. Co. ("Budlong"), Janesville, Wis.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Lean Roderick Mfg. Co., Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Long & Allstater Co. ("Hamilton" Single & Double Tongue & Tongueless), Hamilton, O.
Luthy & Co., Peoria, Ill.
Madison Plow Co. ("F. & J."), Madison, Wis.
Maroa Mfg. Co., Maroa, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Economy," "Flying Dutchman," "Moline" Cutaway & Reversible), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Ohio Cultivator Co. ("Bellevue," "Hi-Lo," "Star"), Bellevue, O.
Ohio Rake Co. (Cut Out Disc, "Dayton," Double Disc, "Chattanooga," & "New Lion" Reversible), Dayton, O.
Oliver Chilled Plow Works, South Bend, Ind.
O'Neil T. L., Marseilles, Ill.
Parlin & Orendorff Co. ("P. & O.," "Canton," "Star," Reversible, Orchard), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Governor," "Mod. X.," "Tandem"), Springfield, Ill.
Rock Island Plow Co. ("Bonanza" & "Defiance"), Rock Island, Ill.
Shaw H. C. Co., Stockton, Cal.
Sterling Mfg. So., Sterling, Ill.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co. (Steel Frame), Syracuse, N. Y.
Thompson Plow & Engine Works ("Eclipse"), Beloit, Wis.
Wiard Plow Co. ("Star"), Batavia, N. Y.
Wood Walter A. Mowing & Reaping Machine Co. (Piano & Cutaway), Hoosick Falls, N. Y.
Woodhouse J. S. Co. (Smoothing), 191 Water, New York

5954— Harrows (Spading)

Janesville Mach. Co. ("Budlong"), Janesville, Wis.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Wiard Plow Co. ("Morgan"), Batavia, N. Y.

5955—Harrows (Spring Tooth)

Akron Cultivator Co., Akron, O.
Albright James H. & Sons, Mifflinburg, Pa.
Babcock Mfg. Co., Leonardville, N. Y.
Belcher & Taylor Agricultural Tool Co. ("Oxford"), Chicopee Falls, Mass.
Brinly Hardy Co. ("Columbia," "Rufus"), Louisville, Ky.
Brown-Manly Plow Co. (Wood Frame), Malta, O.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Burch Plow Works Co. (Steel Frame), Crestline, O.
Conner J. W. & Son ("Orangeville" Coil Spring & Scotch Hinge), Orangeville, Pa.
Davidson-Dietrich Plow Co., Evansville, Ind.
Donaldson Bros., Mount Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Eureka Mower Co. ("Eureka," Combination "Badger," "Standard"), 16 Hickory, Utica, N. Y.

Farquhar A. B. Co. Ltd., York, Pa.
Gale Mfg. Co. ("Albion," "Empire," "Star" Steel or Wood Frame), Albion, Mich.
Genesee Valley Mfg. Co. ("Fargo"), Mt. Morris, N. Y.
Greenville Implement Co., Greenville, Mich.
Heebner & Sons, Lansdale, Pa.
Hussey Plow Co. ("Hussey"), N Berwich, "Daisy"), N Berwich, Pa.
International Harvester Company of America (Inc.) (Deering-McCormick "International" "P. & O."), Harvester Bldg, Chicago, Ill.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Lean Roderick Mfg. Co. (Also Spike Tooth), Mansfield, O.
Lehr Agricultural Co. (Steel Frame), Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Maroa Mfg. Co. ("Maroa"), Maroa, Ill.
Massey-Harris Harvester Co. ("Perry"), Batavia, N. Y.
Moline Plow Co. ("Moline"), Moline, Ill.
Munnsville Plow Co. ("Perry," "Otsego" Steel Frame), Munnsville, N. Y.
New Idea Spreader Co. ("New Idea"), Coldwater, O.
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Ohio Rake Co. (Quail Steel & "Monarch"), Dayton, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O" Spike Tooth), Canton, Ill.
Reed Fdry. & Mach. Co. ("Triumph" Sulky), Kalamazoo, Mich.
Rockford Mfg. Co., Rockford, Ill.
South Bend Chilled Plow Co. ("Jewel," "Newmarket"), South Bend, Ind.
Southern Plow Co., Dallas, Tex.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Wirtz & Hernlen ("Dixie"), Augusta, Ga.
Wood W. A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

5956— Harrows (Toothless)

Miller & Rellim Co. ("Rellim"), College Corner, O.

5957—Harrows & Pulverizers

Allen S. L. & Co. ("Planet Jr."), **15th** & Glenwood, Phila, Pa.
American Seeding Machine Co. (Spike Tooth), Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Company ("Boss" Harrows), 2324 University av, St. Paul, Minn.
Avery B. F. & Sons (Lever, Spike Tooth), Louisville, Ky.
Barley Thos. K., Sedalia, Mo.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bechtolt Geo. E., Urbana, O.
Belcher & Taylor Agl. Tool Co. (Eclipse Weed Harrow, Yankee Pulverizer, Share's Coulter Harrow, etc), Chicopee Falls, Mass.
Bloom Mfg. Co. (Spike Tooth), Nashua, Ia.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co. (Spike Tooth), Canton, O.
Buffalo Springfield Roller Co. (Road & Street Harrows), Springfield, O.
Case J. I. Plow Works (Critic Closed End, Wood Bar & Pipe Flexible), Racine, Wis.
Clore Wm. H. Mfg. Co. (Side Harrows), Washington, Ind.
Collins Plow Co. (Quicy Lever, Steel U Bar), Quincy, Ill.
Cutaway Harrow Co. ("Clark"), Higganum, Conn.
Davidson Dietrich Plow Co. (U Bar Harrows), Evansville, Ind.
Deere John Plow Works, Moline, Ill.
Defiance Welding Co. (Peg Tooth, Self-Adjusting Leverless), Defiance, O.
Dowden Mfg. Co. (Ltd.) (Weed Harrow), Prairie City, Ia.
Dunham Co. (Surface & Sub-Surface), Berea, O.
Emerson-Brantingham Co. ("E. B." Steel, Wood Frame, Smoothing, Stiff Tooth, Rockford, Ill.
Empire Plow Co. ("Empire"), **3140 E. 65th**, Cleveland, O.
Gale Mfg. Co. (Spring Tooth Steel & Lever Harrows, Spike Tooth, Steel U Bar), Albion, Mich.
Galloway Wm. Co., Waterloo, Ia.
Genesee Valley Mfg. Co. ("Fargo V Tooth"), Mt. Morris, N. Y.
Grand Detour Plow Co. (Pipe, U Bar, & Oakwood Harrows), Dixon, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Hayes Pump & Planter Co. (Steel U Bar, Angle Bar or Pipe with Spike Tooth), Galva, Ill.
Hazen W. S. ("Hazen," "Scotch"), Ripon, Wis.
James Mfg. Co., Fort Atkinson, Wis.
Janesville Machine Co. ("Van Dyke," "James," Flexible, Plow Cut, Ewe Bar, Guarded End, Tubular Lever), Janesville, Wis.
Jelliff C. O. Mfg. Corp. ("Meeker" Smoothing), Box 68, Southport, Conn.
La Crosse Plow Co. (Tubular, Zig-Zag, Steel & Wood Flexible & Wood Lever), La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean" All Steel Lever, Pipe Bar, Flexible, Zig-Zag, Spike Tooth), Mansfield, O.
Lee Bros., Watertown, S. D.
Lehr Agricultural Co. (Peg Tooth, etc), Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Madison Plow Co. ("Boss," "Bonanza" Lever, U. & Pipe Bar), Madison, Wis.
Maroa Mfg. Co. (Riding Harrows), Maroa, Ill.
Marseilles Harrow Mfg. Co. (Triangular-Steel Frame), Marseilles, Ill.
Massey-Harris Harvester Co. (Steel), Batavia, N. Y.
Moline Plow Co. (Peg & Spring Tooth with or without Seat), Moline, Ill.
Monmouth Plow Factory (Lever), Monmouth, Ill.
Nash Duane H. ("Acme" Pulverizer), Millington, N. J.
National Harrow Co., Le Roy, Ill.
Ohio Cultivator Co. (Steel Lever, Cyclone Pulverizer), Bellevue, O.
Ohio Rake Co. (U Bar, Quail Spike **Tooth, "Ohio" Wood Bar "Miama"), Dayton, O.**
Parlin & Orendorff Co. ("P. & O." Pipe Frame Lever, U Bar Lever, "Diamond," "Favorite" Lever Guard, "Climax" Round Bar, Clod Crusher), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peterson Mfg. Co. (Imperial Pulverizer), Kent, O.
Pounder Geo. H. (Pounder Flexible), Ft. Atkinson, Wis.
Racine-Sattley Co. (Spike Tooth, Steel Frame, "Toga"), Springfield, Ill.
Rawlings Implement Co., 11 W Pratt, Baltimore, Md.
Reed & Rogers Mfg. Co. (Scotch), Vernon, Ind.
Ripley Foundry & Machine Co. ("Parker" Soil Pulverizers), Ripley, O.
Ripson Wm. & Son, Youngstown, N. Y.
Rock Island Plow Co. (Steel & Wood Flexible & Lever Harrows), Rock Island, Ill.
Rockford Mfg. Co. ("Rockford," Steel & Wood Lever), Rockford, Ill.
Sargent, Osgood & Roundy **Co.**, Randolph, Vt.
Sechler D. M. Implement & Carriage Co. ("Black Hawk" Pulverizer), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co. ("Arkansas," "Dixie," "Carolina" Harrows), Columbus, Ga.
Sparta Plow Works (Imperial U Bar Harrows), Sparta, Ill.
Star Mfg. Co. (Spike Tooth Harrows), Carpentersville, Ill.
Sterling Mfg. Co. (Lever), Sterling, Ill.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co. (Scotch Channel & Pipe or Tax Bar Steel Spike Tooth), St. Joseph, Mo.
Syracuse Chilled Plow Co. (Spring & Spike Tooth), Syracuse, N. Y.
Thompson Plow & Engine Works (U Bar, Steel Lever, Champion Pipe Bar), Beloit, Wis.
Tower J. D. & Sons Co. (Pulverizer, Clod Crusher & Weed Exterminator), Mendota, Ill.
Towers & Sullivan Mfg. Co. ("Pennington," Roman & Ark Side Harrow), Rome, Ga.
Vaughn Mfg. Co. (Flexible), Jefferson, Wis.
Wiard Plow Co. (Cotton & Corn), Batavia, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.
Wood Walter A. Mowing & Reaping Machine Co. (Disc, Spike & Spring Tooth), Hoosick Falls, N. Y.

5958— *Harvesters

See also Harvesters & Binders, Grain

Holt Mfg. Co. (Caterpillar), Stockton, Cal.
International Harvester Company of America (Inc.) (Deering-McCormick-Milwaukee Harvesting & Haying Machines), Harvester Bldg, Chicago, Ill.
Vacuum Cotton Picking Mach. Co. ("Vacuum"), 705H Market, St. Louis, Mo.

5959— Harvesters (Bean)

Akron Cultivator Co. (& Com.), Akron, O.
Arnold's G. W. Son, Ionia, Mich
Batavia Machine Co., Batavia, N. Y.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Donaldson Bros. ("Jiant." "Donaldson"), Mt. Clemens, Mich.
Gale Mfg. Co., Albion, Mich.
Hamachek Frank, Kewaunee, Wis.
Lehr Agricultural Co., Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Patterson Mfg. Co., Holly, Mich.
Sterling Mfg. Co., Sterling, Ill.
Wiard Plow Co. (The Universal), Batavia, N. Y.

5960—Harvesters (Blue Grass)

King R. C. ("Kings Patent"), Carlisle, Ky.
McCormick Bros. ("McCormick"), Winchester, Ky.

5961—Harvesters (Broom Corn)

Paris Foundry & Machine Works ("Paris"), Paris, Ill.

5962—Harvesters (Combined)

Holt Mfg. Co., Stockton, Cal.

5963— Harvesters (Corn)

Bennet H. L. & Co., Westerville, O.
Blue Valley Mfg. Co., Manhattan, Kan.
Dain Mfg. Co., Ottumwa, Ia.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Independent Harvester Co., Plano, Ill.
International Harvester Company of America (Inc.) (Deering-McCormick-Milwaukee), Harvester Bldg., Chicago, Ill.
Jeschke Edw., Bellevue, O.
Kansas City Hay Press Co., Kansas City, Mo.
Massey-Harris Harvester Co., **Batavia,** N. Y.
Moline Plow Co. ("Adriance"), Moline, Ill.
Ohio Rake Co. ("Standard" Steel), Dayton, O.
Ziegler W. F., Salina, Kan.

5964— Harvesters (Pea)

Blocki F. Co. (Pea), Sheboygan, Wis.
Cardwell Mahcine Co., 1900 E. Cary, Richmond, Va.
Gordon L. S., Elizabeth City, N. C.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Port Huron Engine & Thresher Co., Port Huron, Mich.

Harvesters (Potato)

See Diggers, Potato

5965— Harvesters (Rice)

International Harvester Company of America (Inc.) (McCormick-Deering), Harvester bldg, Chicago, Ill.

5966—Harvesters & Binders (Grain)

Acme Harvesting Machine Co. (Combined), Peoria, Ill.
Emerson-Brantingham Co. ("E. B. Osborn"), Rockford, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Adriance"), Moline, Ill.
Seiberling & Miller Co., Doylestown, O.
Wood Walter A. Mowing & Reaping Machine Co. ("New Century"), Hoosick Falls, N. Y.

5966a—*Hasps (Automatic & Safety)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5966b—*Hasps (Basket & Crate)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5966c—*Hasps (Wrought Steel)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS (With or Without Hooks), New Britain, Conn.
See adv index at end of book

Hasps (Hinge)

See Hasps & Staples

5967— Hasps & Staples

See also Staples

Auer John Jr. (Wrought, also Hasps, with Eye Bolts, etc.), 197 Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co. (Basket, Crate & Box), East Rochester, N. Y.
Brewer Bros. Co., 2nd & Somerset, Phila., Pa.
Buffum Tool Co. ("Swastika," Hasps Only), South Side, Louisiana, Mo.
Corbin Cabinet Lock Co., New Britain, Conn.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Griffin Mfg. Co. (Also Wrought Steel Hinge Hasps), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Hasps, Hooks & Staples), St. Louis, Mo.
Landers, Frary & Clark (Wrought), New Britain, Conn.
Lanz M. & Sons (Hinge Hasps), 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (Wrought Iron), Sterling, Ill.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co. (All Steel, Also Automatic Safety Latching), Sterling, Ill.
Ney Mfg. Co., Canton, O.
STANLEY WORKS (Wrought Steel With & Without Hooks, also Automatic Hasps & Basket & Crate Hasps), New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wilcox, Crittenden & Co., Inc. (Malleable Iron & Brass Hinge Hasps), Middletown, Conn. *See adv index at end of book*

5968— Hatchet Mfrs.

American Axe & Tool Co. (All Kinds), Glassport, Pa., & 253 B'way, New York
Arcade Mfg. Co. (Cast Shingling, etc.), Freeport, Ill.
Black John B. Co. ("Wm. Beatty & Sons," "Royal" Ice, Half Shingling, Claw, Lathing, Barrel, Produce, Warehouse or Tobacco, Broad, etc.), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), 119 Leonard, New York.
Burgess-Norton Mfg. Co., Geneva, Ill.
Collins Co., Collinsville, Conn.
Cushman Auto Tool Co., Champaign, Ill.
Duffy Mfg. Co. (Barrel), 214 W Grand av, Chicago, Ill.
Evansville Tool Works (All Kinds), Evansville, Ind.
Grey Iron Casting Co. ("Monarch" Cast Steel, Claw, Half, Ice, Shinging, etc.), Mt. Joy, Pa.
Griffith Tool Works ("Griffith" Rustless & "Franklin" Barrel, Box, Lathing, Shingling, Half Claw, etc.), 521 Market, Phila., Pa.
Fulton Tool Works (Coal Miners) ("Fulco Fulton"), Huntington, W. Va.
Hammond C. & Son (All Kinds), Ogontz, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mason & Parker Mfg. Co., Winchendon, Mass.
North Wayne Tool Co. ("Karadam," Tobacco, etc.), Hallowell, Me.
Peavey Mfg. Co. (Hunting), Bangor, Me.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc), ("Anchor"), Tucker & James, Phila., Pa.
Potter Mfg Co. (Cast Iron, Shingling, Half-Hatchets, also Ice or Candy), Geneva, O.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Romer Axe Co. ("Romer," Claw, Half, Broad, Lathing & Shingling, Sportsman's Axe Pattern, etc.), Dunkirk, N. Y.
Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
Stover Mfg. & Engine Co. (Cast, Shingling, etc.), Freeport, Ill.
Underhill Bros., 6 Sherman, Charlestown, Boston, Mass.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer," Claw, Spiking, etc.), What Cheer, Iowa
Williams A. C. Co., (Cast Iron Only), Ravenna, O.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wrightsville Hdw. Co. (Claw, Ice, Confectioners, Shingles & Half), Wrightsville, Pa.

5969-70— Hatchets (Candy)

Maag August Co., 509 W Lombard, Baltimore, Md.
Nicol & Co., 218 N Jefferson, Chicago, Ill.

Hatchets (Lathing)

See Hatchet Mfrs.

Hatchets (Shingling)

See Hatchet Mfrs.

Hats (Miners')

See Caps, Miners'

5971— Hats (Palm Leaf)

Burnett Geo. B. & Son, 36 W 4th, New York

5972— Hauls (Car)

BARTLETT C. O. & SNOW CO. (Chain & Cable Hauls), French, Cleveland, O. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Fairmont Mining Machinery Co. (Endless Cable), Fairmont, W. Va.
Helmick Foundry & Machine Co., Fairmont, W. Va.
JEFFREY MFG. CO. (Wire Cable or Chain), 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pittsburgh Coal Washer Co., Fulton bldg. Pittsburgh, Pa.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

5973— Haversacks

Aronoff Joseph J., Trenton, N. J.
Mills Woven Cartridge Belt Co., Worcester, Mass.

5974— Hawks (Plasterers')

See also Trowels
Buffum Tool Co. ("Swastika," Aluminum), South Side, Louisiana, Mo.

5975— Hawse Reels

Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Norbom Engineering Co., Denckla bldg, Phila., Pa.
Thacher Propeller & Foundry Corp, Albany, N. Y.

5976—Head Chairs (Steel Plate)

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

Established 1900
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.

5977— Headers (Barrel)

Ames Plow Co., Quincy Hall, Boston, Mass.
Hyson Tool & Supply Co., 4758 Easton av St. Louis, Mo.
Swett A. L. Iron Works (Or Barrel Presses), Medina, N. Y.
Tanner D. F., Holland, N. Y.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

5978— *Headers (Fruit Can)

BLISS E. W. CO., 19 Adams, Brooklyn N. Y. *See adv index at end of book*

5979— Headers (Grain)

Acme Harvesting Machine Co. ("Hodges & Craver"), Peoria, Ill.
International Harvester Company of America (Inc.,) (Deering-McCormick), Harvester bldg., Chicago, Ill.
Massey-Harris Harvester Co. ("Continental"), Batavia, N. Y.
Reschke Machine Wks. Co. (Reschke Kaffir), Wichita, Kans.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

5979a— Headers-Welded

Ballwood Co., The, 30 Church, New York *See adv index at end of book*
Walworth Mfg. Co., 798 1st, South Boston, Mass.
Whitlock Coil Pipe Co., Hartford, Conn.

5980—Headlights (Acetylene Gas)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
A. G. A. Railway Light & Signals, Elizabeth, N. J.
Dayton Mfg. Co., Dayton, O.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
MacLeod Co., 2227 Bogen, Cinn., O. *See adv index at end of book*

Valuable for Locomotives where Electric and Oil Lights are not desired or suitable. They have many advantages over both types.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Milburn Alexander Co., 1420 W Baltimore, Baltimore, Md.
Smith of N. Y. Co., 1 Franklin sq., New York
United States Headlight Co., Buffalo, N. Y.

Headlights (Arc)

See Headlights, Electric Car

5981—Headlights (Electric Mine Locomotive)

Crouse-Hinds Co. ("Imperial"), Syracuse, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Ohio Brass Co. & Incandescent for Elec. Railway, Mansfield, O. *See adv index at end of book*
United States Headlight Co., Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

5982—Headlights (Automobile)

See also Lamps, Automobile
Corcoran-Victor Co. ("Victor"), Cincinnati, Ohio
Fowler Lamp & Mfg. Co. ("Fowler," Electric & Gas), 59 E 24th, Chicago, Ill.
Hall C. M. Lamp Co. ("Solar") Hancock & Rivard, Detroit, Mich.
Hine-Watt Mfg. Co. ("Columbia" Bicycle & Motorcycle, etc), 180 N Market, Chicago, Ill.
Prest-O-Lite Co. ("Prest-O-Lite"), Indianapolis, Ind.
S. & M. Lamp Co. ("S. & M."), 118 W 36th, New York.
Southern Railway Supply Co., 17 & Ohio, St. Louis, Mo.
Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

5983—Headlights (Electric Car)

See also Headlights, Locomotive
Adams & Westlake Co. (Arc & Incandescent), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Crouse-Hinds Co. ("Imperial" Arc & Incandescent), Syracuse, N. Y.
Dayton Mfg. Co. (Arc & Incandescent, "Eureka," "Mosher," "Rex," "Venus," "Wagenhals," "Wellman"), Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
Electric Service Supplies Co. ("Golden Glow"), 17th & Cambria, Phila, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Neal Electric Headlight Co., Board of Trade bldg, Boston, Mass.
Ohio Brass Co. The (Arc & Incandescent for Mines), Mansfield, Ohio *See adv index at end of book*
Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.
Rochester Headlight Wks. (James H. Kelly, Proprietor), Rochester, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Schettler C. A. & Co. (Duplex), 419 Erie bldg, Cleveland, O.
Smitht of N. Y. Co., 1 Franklin sq., New York
Star Headlight & Lantern Co., Rochester, N. Y.
Southern Railway Supply Co., 17th & Ohio, St. Louis, Mo.
Trolley Supply Co. ("Perfect & McLain"), Canton, O.
United States Headlight Co. (Arc & Incandescent), Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Headlights (Incandescent)

See Headlights, Electric Car

5984—Headlights (Locomotive)

See also Headlights, Electric Car; also Headlights, Acetylene Gas; also Headlights, Oil
Adams & Westlake Co. (Also Street & Interurban), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Buda Co. ("Buda Ross" Electric), Railway Exch. bldg, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
Electric Service Supplies Co. ("Golden Glow"), 17th & Cambria, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Glazier Mfg. Co. (Electric), Rochester, N. Y.
Handlan-Buck Mfg. Co. (Handlan), 210-14 N 3d, St. Louis, Mo.
Kraushaar Brass Mfg. Co. 919 Pine, St. Louis, Mo.
Loco Light Co., 139 S East, Indianapolis, Ind.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Milburn Alexander Co. (Steam Acetylene Generator), 1420 W Baltimore, Baltimore, Md.
Moon Mfg. Co. (Electric), 122 N Jefferson, Chicago, Ill.
Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.
Schroeder Headlight & Generator Co. (Electric & Oil), Evansville, Ind.
Sherburne & Co., 53 Oliver, Boston, Mass.
Smith of N. Y. Co., 1 Franklin sq., New York
Star Headlight & Lantern Co., Rochester, N. Y.
United States Headlight Co. (Electric, Gas & Oil), Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*

5985— Headlights (Oil)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Defiance Lantern & Stamping Co. (Kerosene), Rochester, N. Y.
Glazier Mfg. Co., Rochester, N. Y.
MacLeod Co., 2227 Bogen, Cincinati, O. *See adv index at end of book*
Rochester Headlight Wks. (Jas. H. Kelly, Proprietor), Rochester, N. Y
Schroeder Headlight & Generator Co. ("Schroeder"), Evansville, Ind.
Smith of N. Y. Co., 1 Franklin sq., New York

Star Headlight & Lantern Co., Rochester, N. Y.
United States Headlight Co., Buffalo, N. Y.

5986— Headrods

Economy Separable Switch Point Co. ("Economy," Adjustable for Switch Point, etc.), Louisville, Ky.
Wharton Wm. Jr. & Co. Inc. (Various Standard Styles & "Wharton O'Brien" Insulated Operating & Lock Rods), Easton, Pa.

5987— Heads (Boring)

Lawson & Co., Inc. (Square Holes), 416 W 33rd, New York
Marvin & Casler Co, ("Casler," Offset), Canastota, N. Y.
Porter Cable Machine Co. (Adjustable), Syracuse, N. Y.
Precision Tool Co., Lansing, Mich.
Stow Mfg. Co. Inc. (Angle), Binghamton, N. Y. *See adv index at end of book*

5988— Heads (Buffing)

Meriden Machine Tool Co., Meriden, Conn.
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

5989— Heads (Casing)

Continental Supply Co., 1139 Olive, St. Louis, Mo.
Kane Supply Co. ("Moser"), Kane, Pa.
Oil Well Improvement Co. (Control), Tulsa, Okla.

5990—Heads (Coke Scraper)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chatean, Pittsburgh, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

5991— Heads (Crimping)

Sigwart & Rolston, 341 2d av, Pittsburgh, Pa.

5992— Heads (Cutter)

American Woodworking Machinery Co., Rochester, N. Y.
Buettner Shelburne Machine Co. ("B. & S"), Terre Haute, Ind.
Fay J. A. & Egan Co., Cincinnati, O.
Huther Bros. Saw Mfg. Co. (for Jointing & Sticking Mouldings on Saw Tables), **Rochester, N. Y.**
See adv index at end of book
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Lange Mach. Wks. (Solid Steel), Aurora, Ill.
Mattison C. Machine Works, Rockford, Ill.
Philbrick Cutter Head Co., Seattle, Wash.
Porter C. O. Machinery Co. ("Porter"), 666 Front av, N. W. Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Shimer Samuel J. & Sons (Expansion), Milton, Pa.
Smith Cannery Machine Co., 2423 1st av, Seattle, Wash.
Smith H. B. Machine Co., Smithville, N. J.
Stamm Machine Wks., Aurora, Ind.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Woods S. A. Machine Co. ("The Planers of Wood," Convertible Disc Side), 27 Damrell, Boston, Mass.

5993—Heads (Cutter, Mining Machine)

Buettner Shelburne Machine Co. ("B. & S."), Terre Haute, Ind.
Prox Frank Co. (Hardware Steel), Terre Haute, Ind.

Heads (Cylinder)

See Cylinder & Tank Shells

5994— Heads (Dado)

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton (Groover or Dado), Grand Rapids, Mich.
Cocker Saw Mfg. Co. (Groover & Dado), Lockport, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Fox Machine Co., Jackson, Mich.
HUTHER BROS. SAW MFG. CO. (Patent Groover or Dado Head), Rochester, N. Y. *See adv index at end of book*
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Mattison C. Machine Works, Rockford, Ill.
Ohlen Bishop Co. (Dado or Expansior Head for Groover), 931 Factory, Columbus, O.
Yates P. B. Machine Co., Beloit, Wis.

5995— Heads (Die)

Eastern Machine Screw Corp. ("H. & G." Self-Opening & Adjustable Screw Cutting), New Haven, Conn.
Geometric Tool Co. (Self-Opening & Adjustable Screw Cutting, "Geometer" Solid adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORP'N ("Acorn"), Greenfield, Mass.
See adv index at end of book
Jarecki Mfg. Co. ("Jarecki," Die Heads & Chucks), Erie, Pa.
Landis Machine Co. (For Pipe Threading), Waynesboro, Pa.
Modern Tool Co. ("Modern" Self-Opening Screw Cutting), 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. (Automatic), 85 Porter, Detroit, Mich.
National Acme Mfg. Co. (Automatic), 7500 Stanton av, S. E. Cleveland, O.
Pottstown Machine Co., Pottstown, Pa.
Victor Tool Co. ("Victor"), Waynesboro, Pa.

5996— Heads (Drilling)

Hoefer Mfg. Co. (Auxiliary), Freeport, Ill.
Lawson & Co., Inc., 416 W 33rd, New York
Nelson-Blanck Mfg. Co. (Adjustable), Dubois & Clay, av, Detroit, Mich.
Sellew Machine Tool Co., Pawtucket, R. I
United States Drill Head Co., 1950 W 6th, Cincinnati, O.

5997— Heads (Flanged)

McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Mossberg Frank Co. (Pressed Steel Discs or Heads), Attleboro, Mass.

5998— Heads (Golf)

Anchor Saw Mills Co., Memphis, Tenn.
Kelly Axe Mfg. Co., Dept. H, Charleston, W. Va.
Monel Metal Products Corp. (Monel Metal), Bayonne, N. J.
Page Storms Drop Forge Co. (Drop Forged Steel), Chicopee, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
WILLIAMS & CO. (INC.) (Monel Metal), **901-937 Pennsylvania av., N. S., Pittsburgh, Pa.**
See adv index at end of book
Willingham E. G. (Hardwood), Memphis, Tenn.

5999— Heads (Grooving)

Cocker Saw Mfg. Co., Lockport, N. Y.
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Redin John E., Rockford, Ill.

6000-1—*Heads (Hard Fibre)

Continental Fibre Co. (Baskeite Dilecto for Spark Coils, Spool, etc.), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (For Spark Coils, Spoons, etc), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

6002—Heads (Index & Dividing)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Dickow Fred C., 3504 W Lake, Chicago, Ill.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Middletown Machine Co., Covington, Ky.
New Britain Tool & Mfg Co. (Dividing), New Britain, Conn.
Pratt & Whitney Co., Hartford, Conn.
Simmons Mach. Co., Inc., 987 B'way, Albany, N. Y.
Willard Press & Tool Co., Cincinnati, O.

6003— Heads (Jointer)

Crescent Machine Co. (Safety), Leetonia, O.
Oliver Machinery Co., Grand Rapids, Mich.
Whisler John, Gibson, Ia.

6004-5— Heads (Leader)

Greason Mfg. Co. ("Rubispierre's Patent"), 108 W 99th, New York

6006— Heads (Piston)

Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.

6007— Heads (Planer)

Crucible Steel Co. of America (La Belle Steel), Oliver bldg, Pittsburgh, Pa.
Oliver Machinery Co., Grand Rapids, Mich.

6008—Heads (Polishing & Grinding)

Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Clizbe Bros. Mfg. Co.,, Plymouth, Ind.
Goodell-Pratt Co. (Also Grinding), Greenfield, Mass.
Smith Winfield H., Buffalo, N. Y.

6009—Heads (Power Working)

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Humphryes Mfg. Co., Mansfield, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.

6010— Heads (Shaper)

Crescent Machine Co. (Safety), Leetonia, O.
Oliver Machinery Co., Grand Rapids, Mich.
Redin John E., Rockford, Ill.

Heads (Stone Boat)

See Fronts, Stone Boat

6011— Heads (Trolley Pole)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

6012-13— Heads (Turret)

Baker Machine Co., New Bedford, Mass.
MEISSELBACH-CATUCCI MFG. CO., (For Bench & Speed Lathes), 56 Stanton, Newark, N. J.
See adv index at end of book
Milliken Machine Works (Ball), West Newton, Mass.

Hearses

See Ambulances

6013a—Heat Resisting Materials

See also Paints (Fire Resisting)

General Ceramics Co. (Clay), 50 Church, New York
Yale & Towne Co. ("Yale" Double-acting Door Closing), Dept. H, Stamford, Conn.

6013b— *Heat Treated Parts

Bell Co. (The) 1555 Fillmore, av, Buffalo, N Y *See adv index at end of book*

6013c—Heat Treating Apparatus

Snead & Co., Jersey City, N. J.
Ludium Steel Co. (Boxes & Pots), Watervliet, N. Y.

6013d—Heat Treating (Steel)

Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Conn. Metal Treating Co., Inc., Bridgeport, Conn.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works, Hartford, Conn.
Hammond Steel Co., Inc., Syracuse, N. Y.
Larson, Chas. E., 111 N Desplaines, Chicago, Ill.
National Forge & Tool Co., Irvine, Pa.
Snead & Co., Jersey City, N. J.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Heaters (Acetylene)

See Stoves, Acetylene

6014— Heaters (Air)

Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Improved Appliance So., 413 Kent av, B'klyn, N. Y.
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Majestic Electric Development Co., 636 Howard, San Francisco, Cal.
Pease R. P. & Co., Buffalo, N. Y.
Power Specialty Co., 111 B'way, New York
See adv index at end of book
Schutte & Koerting Co. ("S. & K."), 1251 N 12th, Phila., Pa.
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

6015— Heaters (Air Tight)

Crunden-Martin Mfg. Co. (Sheet Iron), 2nd & Gratiot, St. Louis, Mo.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Geisel, A. Mfg. Co. ("Victor," "Ideal," "Kolewood"), 219 S 2nd, St. Louis, Mo.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Kraft A. C. (Wood), 323 W Lake, Chicago, Ill.
National Enameling & Stamping Co., 411 5th av, New York
Pease P. L. & Co., Buffalo, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Woolwine Metal Products Co., 2421 E 8th, Los Angeles, Cal.

Heaters (Alcohol)

See Stoves, Alcohol

6016—Heaters (Asphalt, Pitch & Tar)

See also Machinery, Asphalt

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

HEATERS (ASPHALT, PITCH & TAR)—continued

BIEHL IRON WORKS, INC., Reading, Pa. *See adv index at end of book*
City Boiler & Machine Co., 939 W 8th, Kansas City, Mo.
Clausse Mfg. Co., 535 5th, Detroit, Mich.
Columbiana Boiler Co., Columbiana, O.
CONNERY & CO., INC., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Dover Boiler Works (Tar & Asphalt), Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
East Iron & Machine Co., 351 E Market, Lima, O.
Ell-Kay Mfg. Co., Kansas City, Mo.
Evans F. H., Est. of, 31 Hewes, Brooklyn, N. Y.
Farrar & Trefts, Inc., Buffalo, N. Y. *See adv index at end of book*
Finch Mfg. Co., Scranton, Pa.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hvass Chas. & Co., 511 E 18th, New York
Improved Appliance So., 413 Kent av, B'klyn, N. Y.
Leslie Elliott Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Merrill Process Co., 70 Devonshire, Boston, Mass.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Penn Foundry & Mfg. Co., Reading, Pa.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Sweeney & Gray, 83-85 6th, Long Island City, N. Y. *See adv index at end of book*
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works, Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Warren City Tank & Boiler Co., Warren, O.

6017— Heaters (Auto Garage)

Caloric Furnace Co. ("Wasco"), 1531H Locust, Phila., Pa.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Kanneberg Roofing & Ceiling Co. ("Auto-Hot" Gas), Dept. H, Canton, Ohio
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Rose Mfg. Co. ("Neverout" Gas, Electric & Kerosene), 910H Arch, Phila., Pa.
Schleit W. A. Mfg. Co., Inc., Syracuse, N. Y.
Scientific Heater Co. ("Scientific" Gas & Kerosene), 2104 Superior, Cleveland, O.

6018—Heaters (Automobile & Carriage)

Chicago Flexible Shaftt Co., 5600 Roosevelt rd, Chicago, Ill.
Consolidated Car Heating Co. (For Electric or Gas Driven Automobiles), Albany, N. Y.
Hill Pump Valve Co. ("Utility"), 4001-21 Belmont av, Chicago, Ill.
Kelly Foundry & Machine Co. ("R. F. D."), Goshen, Ind.
Metal Specialties Mfg. Co. ("Presto"), (Electric), 338 N Kedzie av, Chicago, Ill.
Perfection Heater & Mfg. Co. ("Perfection" Automobile), 6453 Carnegie av, Cleveland, Ohio
Progressive Mercantile & Mfg Co. ("Petty"), Pana, Ill.
Radiator Footwarmer Co., 107 Tioga, Ithaca, N. Y.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Suburban Lighting Co. (Engine), Toledo, Ohio
Taplex Corp. (Manifold & Radiator Automobile Only), 87-35th, Brooklyn, N. Y.
Wilson Stove & Mfg. Co., Valley Park, Mo.

6019— Heaters (Barrel)

Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hynson Tool & Supply Co. ("Champion" Barrel & Keg), 4758 Easton av, St. Louis, Mo.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Jacobs Kenneth W. Co., 1901 St. Paul av, Milwaukee, Wis.
Manistee Iron Works Co., Manistee, Mich.
Oram John S. Co. ("Champion"), 1316 E 53rd, Cleveland, O.
Warsaw Elevator Co., Warsaw, N. Y.

Heaters (Bath)

See Heaters, Water, Bath or Tank

6020— Heaters (Car, Coal)

Cooper Heater Co. (Hot Water), Carlisle, Pa.
Fuller-Warren Co., 32d & Wright, Wilwaukee, Wis.
Smith Peter Heater Co. (Hot Water), 1843 Mt. Elliott, Detroit, Mich.
Spears Jas. Stove & Heating Co., 1823 Market, Phila., Pa., New York & Providence, R. I.
Vapor Car Heating Co. (Emergency Coal Stove), 1450 Railway Ex, Chicago, Ill.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.

Heaters (Car, Electric)

See Heaters, Electric Car

6021-2—Heaters (Car, Vapor System)

Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Vapor Car Heating Co., 1450 Railway Ex, Chicago, Ill.

6023—Heaters (Combination)

Barber Mfg. Co. (Hot Water & Hot Air), Ashtabula, O
Barstow Stove Co. ("Barstow," "Bay State"), 116 Point, Providence, R. I.
Belleville Stove & Range Co. (Laundry Stove & Water Heater), Belleville, Ill.
Boynton Furnace Co. ("Boynton"), 106 W 37th, New York
Cox, Abram Stove Co. ("Novelty," "Fortune"), American & Dauphin, Phila., Pa.
Earley Wm. (Hot Air, Hot Water & Steam), 1216 Ridge av, Phila., Pa.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Fuller & Warren Co., Troy, N. Y.
Giblin & Co., Utica, N. Y.
Hart & Crouse Co., Utica, N. Y.
Henderson Frank, Troy, N. Y.
Hertig Furnace Co. ("Kohler"), 1342 Columbus av, Boston, Mass.
International Heater Co. ("Pease Economy," "International Economy"), Utica, N. Y.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Keith Furnace Co. ("Keith"), Des Moines, Ia.
Magee Furnace Co., 38 Union, Boston, Mass.
Makin Heating Co., 1827 Filbert, Phila., Pa.
March-Brownback Stove Co., Pottstown, Pa.
Monroe Foundry & Furnace Co., Monroe, Mich.
Mott J. L. Iron Works (Hot Air & Hot Water), Trenton, N. J.
Mueller L. J. Furnace Co., Milwaukee, Wis.
Peninsular Stove Co. (Hot Air & Hot Water), Detroit, Mich.
Portland Stove Foundry Co., Portland, Me.
Quaker Mfg. Co. (Hot Air & Hot Water), 180 N Dearborn, Chicago, Ill.
Sheppard, Isaac A. & Co. ("Paragon"), Harrison bldg, Phila., Pa.
Southard Robertson Co. (Laundry Stove & Hot Water), 25 Water, New York
Stamford Foundry Co. (Hot Air & Hot Water), Stamford, Conn.
Taplin, Rice, Clerkin Co., Akron, O.
Utica Heater Co., Utica, N. Y.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.

6024—Heaters (Curling Iron)

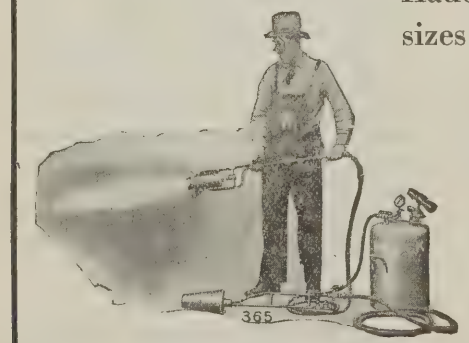
Elec. Mfg. Co. ("Solar"), 50H New Montgomery, San Francisco, Cal.
Houchin Thos. W. Co., 36 E 12th, New York
Nicol & Co. ("Aetna" Gas), 218 N Jefferson, Chicago, Ill.

6025— Heaters (Electric)

Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.
American Electrical Heater Co. ("American" for Cooking, Heating, etc), Burroughs & Woodward, Detroit, Mich.
Automatic Electric Heater Co., H, Lexington av, Warren, Pa.
Consolidated Car Heating Co. ("Consolidated" House, Office & Industrial), Dept. H, Albany, N. Y.
Copeman Electric Stove Co., Flint, Mich.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill
Federal Electric Welder Co. (Welding), Warren, O.
Fox Electrical Corp., 119 W 42nd, New York
GENERAL ELECTRIC CO. (Industrial Only), Schenectady, N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Hegeman-Castle Corp. ("H. & W."), Fisher bldg, Chicago, Ill.
Holden & White ("H. & W."), 343H S Dearborn, Chicago, Ill.
Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago, Ill.
Hulbert Electro-Steam Mfg. Co. ("Hulbert" Electro-Steam), 76H Tehama, San Francisco, Cal.
Landers, Frary & Clark, New Britain, Conn.
Loetscher-Ryan Mfg. Co. (Water), Dubuque, Ia.
Majestic Electric Development Co. ("Majestic"), 656 Howard, San Francisco, Cal.
Manning, Bowman & Co. (Cooking Utensils), Meriden, Conn.
Nagel W. G. Elec. Co. ("Fisk"), Toledo, O.
Prometheus Electric Co., 511 W 42nd, New York
Redtop Elec. Co., 8 W 19th, New York
Russell Elect. Co. ("Hold-Heet" Engine, Radiator, Immersion & Blankets), 140 W. Austin, Chicago, Ill.
Schaar & Co. ("Hexagon"), 556 W Jackson blvd., Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Sterling Electrical Corp., 2711 Church, Cleveland, O.
Thomson Electric Welding Co. ("Thomson" Rivet), Lynn, Mass.
Vulcan Electric Heating Co., 107 W 13th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburg, Pa. *See adv index at end of book*

Hauck Portable Heater Outfits of all sizes and for all heating purposes

Submit your heating problems to our Engineers who will advise without obligation on your part.

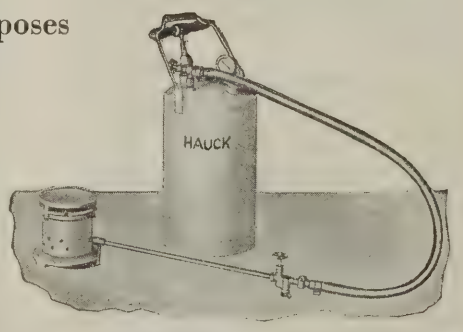


Hauck Combination Compressed Air and Hand Pump Outfit

HAUCK MANUFACTURING CO.

20 Years' Oil Burner Experience

136 10th St. Brooklyn, N. Y.



Hauck Circular Burner Outfit for Melting Tar, Asphalt, Boiling Liquids, etc.

6026—Heaters (Electric Car)

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Consolidated Car Heating Co., Albany, N. Y.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Russell Electric Co. ("Hold Heet"), 140 W Austin, Chicago, Ill.

6026a—Heaters (Electric, Rivet)

See Also Furnaces (Rivet Heating)

AMERICAN CAR & FOUNDRY CO., 165 Broadway, New York
See adv index at end of book
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.

6027— Heaters (Exhaust)

Western Drop Forge Co., P. O. Box 886, Marion, Ind.

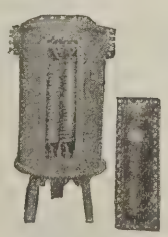
6028—Heaters (Feed Water)

See also Purifiers, Feed Water

Alberger Heater Co. ("Alberger" Multi-Head), Buffalo, N. Y.
ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York
Allen Wm. Sons Co. ("Victor," "Excelsior"), Worcester, Mass.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bates Machine Co. ("Cookson"), Joliet, Ill.
Berry Engineering Co., Chester, Pa.
Bethlehem Shipbuilding Corp., Ltd. (Direct Contact Locomotive), Broadhead & Parker av, Dept. H, Bethlehem, Pa.
Brennan John & Co., 24th & M C R R, Detroit, Mich.
Bridgeport Boiler Works Co. ("Lowe"), Bridgeport, Conn.
Brownell Co. (Standard & Improved), Dayton, Ohio
Bulkley Henry W., Orange, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
Central Boiler Works, 1297 Russell, Detroit, Mich.
Cochrane, H. S. B. W. Corp. ("Cochrane"), 3147 N 17th, Philadelphia, Pa.
Cole R. D. Mfg. Co., Newnan, Ga.
Colles Heater & Specialty Co., 14 E Jackson blvd, Chicago, Ill.
Connor W. B., Inc., 90 West, New York
Cox & Sons Co., Bridgeton, N. J.
Elliot Co., Dept. H, Jeanette, Pa.
Elliott, B. K. Co. ("Pittsburgh" Heater and Purifier), 126 6th, Pittsburgh, Pa.
Exeter Machine Works, Pittston, Pa.
Frost Mfg. Co. ("Frost Standard" & "Standard"), Galesburg, Ill.
Garrett W. D. & Co. ("Garrett" Heater & Oil Separator), 126 Liberty, New York
Gem City Boiler Co., 331 Leo, Dayton, O.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Graver Corp., East Chicago, Ind.
See adv index at end of book
Graves & Marshall Co., Dayton, O.
Great Lakes Engineering Works (Heaters & Purifiers), Real Est. Exch. bldg, Detroit, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
GRISCOM-RUSSELL CO. ("Reilly" Closed Type, Marine & Stationary; "Goubert" Multiples, Closed Type; Russell Storage "Massillon," Open Type), 92 West, New York
See adv index at end of book

REILLY HEATER

Highest efficiency per square foot of heating surface. Every coil may be inspected without breaking pipe joints. Coils tested to 300 pounds. Millions of horse power capacity in daily use.



THE
GRISCOM-RUSSELL CO.
92 West Street New York

HARRISBURG PIPE & PIPE BENDING CO., Hess nr. 10th, Harrisburg, Pa.
Harris Arthur & Co. ("Harris" Coil Heater), 212 N Curtis, Chicago, Ill.
See adv index at end of book
Hartwell Iron Works, Houston, Tex.
Hoppes Mfg. Co., Springfield, O.
Horstmann F. W. Co., Irvington, N. J.
Hussey, McCann & Co. (Compound Flue), 87 Warren, New York
Jackson & Church Co., Saginaw, Mich.
Jacobs Charles & Co. ("Jacobs" Water Tube), 258 Franklin, Boston, Mass.
Jarvis Engine & Machine Works ("Monitor"), Lansing, Mich.
Keeler E. Co., Williamsport, Pa.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kroeschell Bros. Co. ("Kroeschell," "Bourgeois," Heaters & Purifiers), 440 W Erie, Chicago, Ill.
Linton Machine Co., 26 Cortlandt, New York
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Milwaukee Reliance Boiler Works ("Perfection" Heater & Purifier), 1102 32d, Milwaukee, Wis.
Murray Iron Works Co. (Open & Closed Types), Central av & Washington, Burlington, Ia.
Nason Mfg. Co. 71 Fulton, New York
National Pipe Bending Co. ("National"), New Haven, Conn.
O'Brien Jno. Boiler Works Co., ("Weaver"), 11th & Mullanphy, St. Louis, Mo.
Open Coil Heater & Purifier Co. ("Stickle" Heater & Purifier), Indianapolis, Ind.
PATTERSON-KELLEY CO. ("Standard Patterson" "Berryman"), Church & Cortlandt, New York.
See adv index at end of book
Phaeton Heater Co., Peekskill, N. Y.
Phoenix Iron Works Co. ("Munn"), Meadville, Pa.
Platt Iron Works Co. ("Stillwell" Open & Closed), Dayton, O.
Power Plant Specialty Co. ("Vater" Open), Monadnock blk, Chicago, Ill.
Pratt & Cady Co., Inc. ("Berryman," "Gleaner" & "Hartford"), Hartford, Conn.
Ross Heater & Mfg. Co., Inc., Mutual Life bldg, Buffalo, N. Y.
Ross Mfg. Co., Northville, Mich.
Row & Davis Engnrs., Inc. ("Paracoil"), 90 West, New York
Schutte & Koerting Co. ("S. & K." Film), 1251 N 12th, Phila., Pa.
See adv index at end of book



Closed Type. Large capacity; small space requirements. Sizes 1,000 lbs. to 500,000 lbs. per hr. Working pressures up to 250 lbs.
Catalog 10-F.
Schutte & Koerting Co., 1251 North 12th Street, Philadelphia, Pa.

Sharkey & Peck, 2433 W 18th, Chicago, Ill.
Sims Co. ("Sims" Tubular or Closed & Open Feed Water Heaters & Purifiers), 18th & Whitley av, Erie, Pa.
Stack Heater Co., 39H Sudbury, Boston, Mass.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Standard Water Systems Co. ("Tripure" Multicoil Type), Hampton, N. J.
Stewart Heater Co. (Open & Tubular; also "The Otis"), N. Tonawanda, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Webster Warren & Co., Camden, N. J.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co., Chester, Pa.
Wheeler C. H. Mfg. Co. (Closed), Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), W Carteret, N. J. *See adv index at end of book*
Whitlock Coil Pipe Co. ("American Standard," "Berryman"), Hartford, Conn.
Wickes Boiler Co., Saginaw, Mich.
Williams Tool Co. (Transverse Current), Erie, Pa.
Worthington Pump & Machinery Corp. (Open & Closed), 115 B'way, New York
See adv index at end of book

6029— Heaters (Fire Place)

Backus Heater & Fdry. Co., Inc. ("Backus" Open Fireplace), 63 Canal, Boston, Mass.
Bartlett Hayward Co. ("Grand Domestic," "Windsor," "Gem," "Magic," "Severn," "Chelsea," "Linden," "Monarch," "Prize," "Victor Grand"), Scott & McHenry, Baltimore, Md.
Bibb B. C. Stove Co. (("Gulford", "Arundel", "Washington No. 2", "Radiant No. 2", "Grand Diamond No. 2"), 109 Light, Baltimore, Md.
Brooks Burner Stove Co., Ardmore, Okla.
Century Stove & Mfg. Co. (Gas), Johnstown, Pa.
Heitland Grate & Mantel Co. (Hot Water), Quincy, Ill.
Reading Stove Works (Orr, Painter & Co.) ("Sunshine"), Reading, Pa.
Reliable Stove Co. ("Reliable"), 1787 E 40th, Cleveland, O.
Richardson & Boynton Co. ("Perfect"), 31 W 31st, New York
Sanitary Heating Co. ("Grand Solar" Gas Enclosed), 233 37th, Brooklyn, N. Y.
Sexton, S. B., & Mfg. Co., 500 W Conway, Baltimore, Md.
Sheppard, Isaac A. Co., Harrison bldg, Phila., Pa.
Spear James Stove & Heating Co., 1823 Market, Phila., Pa.
Superior Mfg. Co. (For Natural or Artificial Gas), Magnolia, Pittsburgh, Pa.
Union Stove Works ("Astor Franklin"), 70 Beekman, New York

6029a—Heaters-Flask (Laboratory)

Eimer & Amend, 205 3rd av, New York

6030— Heaters (Fuel Oil)

Anthony Co., 138 West av, Long Island City, N. Y.
Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Dover Boiler Works, Sales Office, 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

Reilly Oil Heater

Design prevents any possible leakage of oil into condensed steam.





THE
GRISCOM-RUSSELL CO.
92 West Street New York

Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Power Specialty Co., 111 B'way, New York
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Row & Davis Engineers, Inc., 90 West, New York
SCHUTTE & KOERTING CO. ("S. & K." Film), 1251 N 12th, Phila., Pa.
See adv index at end of book

6031— Heaters (Gas)

See also Stoves & Heaters & Ranges, Gas

American Heater Corp., 1100 N 6th, St. Louis, Mo.
Backus Heater & Fdry. Co., Inc. ("Backus"), 63 Canal, Boston, Mass.
Brooks Burner Stove Co., Ardmore, Okla.
Brown & Sharpe Mfg. Co. Providence, R. I.
Burnoon Heater Co., Chattanooga, Tenn.
Calkins & Pearce ("Rex"), 751 E Long, Columbus, O.
Clark, Geo. M. & Co. ("Clark Jewel"), 179 N Michigan av, Chicago, Ill.
General Gas Appliance Co., 103 Park av, New York
General Gas Light Co. ("Humphrey Radiantfire"), Kalamazoo, Mich.
Hydro Heater Co., Oliver bldg, Pittsburgh, Pa.
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis, Mo.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.
Penn Burner & Plating Co., Inc, 214 W Ohio, N. S., Pittsburgh, Pa.
Phaeton Heater Co., Peekskill, N. Y.
Power Specialty Co., 111 B'way, New York
See adv index at end of book
Reliable Stove Co. Division of Am. Stove Co. ("Hot Spot"), 1787 E 40th, Cleveland, O.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Sands Mfg. Co. ("Sand"), 5407H Sweeney av, Cleveland, Ohio
Stack Heater Co., 39H Sudbury, Boston, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Thermophore Mfg. Co., Kalamazoo, Mich.
Van Zandt Gas Appliance Co., 4050 Olive, St. Louis, Mo.

6032—Heaters (Gas, for Tailors' Irons)

Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

6032a—Heaters (Gas Holders)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

6033— Heaters (Gas Jet)

Kohler Die & Specialty Co. ("Kost" Jet & Floor), De Kalb, Ill.
Lewis Heating & Lighting Co., 696 E 161st, New York
Ohio State Stove Co. ("Kumfy"), Columbus, O.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Seed Filter & Mfg. Co., 73 Franklin, New York
Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

6034—Heaters (Gas, Steam & Hot Water, Radiation)

American Blower Co. (Steam & Hot Water Only), 1400 Russell, Detroit, Mich.
Bastian-Morley Co. ("Superior" Gas & Gasoline, Range Boiler), La Porte, Ind.
Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.
Cooper Sanitary Mfg. Co. (Gas), 34th & Chestnut, Phila., Pa.
Dayton Mfg. Co. ("Ohio M"), Dept H, Dayton, Ohio
Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
Hoffman Heater Co., Lorain, O.
Kronquest August C. ("Maywood"), Maywood, Ill.
Miller, Wm. Range & Furnace Co., 125 E. 5th, Cincinnati, O.
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
SIMMONS JOHN CO., 100 Centre, New York *See adv index at end of book*
Smith H. B. Co. ("Smith" for Steam & Hot Water Only), Westfield, Mass.
Stevenson Edward S. ("Dewey"), New Castle, Pa.

6035— Heaters (Glue)

American Electrical Heater Co. (Electric), Detroit, Mich.
Cincinnati Glue Heater Co., Cincinnati, O.
Dart E. M. Mfg. Co. ("Dart"), 134 Thimbers av, Providence, R. I.
See adv index at end of book
Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.
Electric Heating & Mfg. Co., Westlake & Republican, Seattle, Wash.
Francis Chas. E. Co., Rushville, Ind.
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book
Hickok W. O. Mfg. Co. (Bookbinders'), Harrisburg, Pa.
Instantaneous Glue Converter Co., 3752 Montgomery & Norwood, Cincinnati, O.
Koven L. O. & Bro. (Electric & Pot), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 523 W Lake, Chicago, Ill.
Nason Mfg. Co. (Steam & Gas), 71 Fulton, New York
Pancoast Henry B. Co. (Steam), 950 N Front, Phila., Pa.
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stuart & Peterson Co. (Steam), Burlington, N. J.
Towsley Jno. T. Mfg. Co. (Steam), Cincinnati, O.
Weatherly Co. (Steam), Grand Rapids, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

Heaters (Gravel)

See Sand & Gravel Heaters & Dryers

Heaters (Hot Water)

See Heaters, Steam & Hot Water

6036—Heaters (Incubator & Brooder)

Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Treman, King & Co. (Brooders Only), Ithaca, N. Y.

Heaters (Juice)

See Heaters, Sugar Juice

6037— Heaters (Ladle)

Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engng. & Mfg. Co. ("Monarch Bell"), American bldg, Baltimore, Md.
Tropenas Co., 2243 Nostrand av, Brooklyn, N. Y.

6037a—Heaters (Lamp Chimney)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

Excelsior Stove & Mfg. Co., Quincy, Ill.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Wickwire Spencer Steel Corp. ("Natwire" Wire), Worcester, Mass.
See adv index at end of book
Woods-Sherwood Co. (Wire), Worcester, Mass.
Wrightville Hardware Co. ("Gem"), Wrightville, Pa.

6038—Heaters (Laundry Water)

Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Sims Co. ("Sims" Clean Easy, Circulating), 18th & Whitley av, Erie, Pa.

Heaters (Locomotive Tire)

See Furnaces, Tire Heating

6038a—Heaters (Marine, Hot Water)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Sturtevant F. B. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

6038b— Heaters (Metering)

Cochrane, H. S. B. W. Corp., 3147 N 17th, Phila., Pa.

6038c— Heaters (Milk)

Burrell D. H. & Co. ("B & W"), Little Falls, N. Y.

6038d— Heaters (Noiseless)

SCHUTTE & KOERTING CO. (By Direct Steam), 1251 N 12th, Phila., Pa.
See adv index at end of book

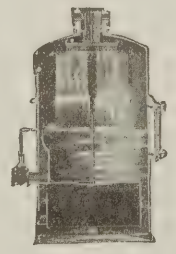
Heaters (Oil)

See Stoves & Heaters, Oil

6038e—Heaters (Open Feed Water)

Bass Foundry & Machine Co., Ft. Wayne, Ind.
Griscom Russell Co., 92 West, New York
See adv index at end of book

MASSILLON
Open
Feed Water
HEATER





THE
GRISCOM-RUSSELL CO.
92 West Street New York

Gammes F & Sons, Allentown, Pa.

6039—Heaters or Cookers (Meal)

Buckeye Iron & Brass Works, Dayton, O.

6040— Heaters (Orchard)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York.
Riverside Mfg. Co., Riverside, Cal.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

6041—Heaters (Refrigerator Car)

Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Klauer Mfg. Co., Dubuque, Ia.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.

6042— Heaters (Sad Iron)

Adams Co. ("Adams"), Dubuque, Ia.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio
Favorite Stove & Range Co., Piqua, Ohio
Jewett & Company ("Lawrence"), Buffalo, N. Y.
Kemp C. M. Mfg. Co. ("Climax" Automatic), 405 E Oliver, Baltimore, Md.
Odin Stove Mfg. Co., Erie, Pa.
Reliable Stove Co. ("Reliable"), 1787 E 40th, Cleveland, O.
Sager Lock Co., North, Chicago, Ill.
Sentinel Mfg. Co., New Haven, Conn.
Waterman Henry & Bro. (Gas), 195 Lewis, New York
Williams A. C. Co., Ravenna, O.

6042a—Heaters (School Room)

Haynes Langenberg Mfg. Co., 4045-57 Forest Park blvd, St. Louis, Mo.
International Heater Co. ("International"), Utica, N. Y.
Richmond Stove Co., Richmond, Va.
Smith System Heating Co., 821 Washington av, S E Minneapolis, Minn.
Virginia School Supply Co., 2000 Marshall, Richmond, Va.

6043—Heaters (Soldering Iron)

American Electrical Heater Co. (Electric), Burroughs & Woodward, Detroit, Mich.
American Gas Furnace Co., 24 John, New York
Best W. N., Inc., 11 B'way, New York
Bickelhaupt Geo. Skylight Works ("G. B."), 722 1th av, New York
Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.
Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York
General Electric Co., Schenectady, N. Y.
See adv index at end of book
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., ("Qaudriga"), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Sentinel Mfg. Co., New Haven, Conn.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Waterman Henry & Bro. (Gas), 195 Lewis, New York
Weiskittel A & Son Co ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

6044—Heaters (Steam Tube)

PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Sims & Co. ("Sims"), 18th & Whitley av, Erie, Pa.

6045-6—Heaters (Steam & Hot Water)

Firms that manufacture Hot Water Heaters only are designated thus (Hot Water) between name and address.
See also Heaters, Steam & Hot Water Trade Names; also Heating Contractors, Steam & Hot Water; also Steam Fitters' Supplies

CALIFORNIA.

LOS ANGELES—Rotary Mfg. Co., 1526 Santa Fe av
Stephens Mfg. Co., 1119 Markstrong bldg
SAN FRANCISCO—Royal Heating Co., 280 Minna

CONNECTICUT.

HARTFORD—Whitlock Coil Pipe Co. ("American," Hot Water)
NEW HAVEN—Foskett & Bishop Co. National Bending Co. ("National" Hot Water)
NEW LONDON—Hopson & Chapin Mfg. Co. ("Caloric," "Hopson" "Monogram," "Pequot," Hot Water also Sectional)
NEW MILFORD—New Milford Foundry & Machine Co. ("Unique")
NORWALK—Meeker's Union Foundry Corp.
NORWICH—Young John T. Boiler Co. ("Norwich")
PUTNAM—Putnam Foundry & Machine Co. ("Plummer," "Putnam")

FLORIDA.

JACKSONVILLE—Murphy, Timothy Iron Works
Rubin, O. Iron Wks.

ILLINOIS.

CHICAGO—Am. Radiator Co. ("Arcola"), 816 Michigan av, Dept. H
Beaver Electric Constr. Co., 560 W Monroe
Bender John F. ("Peerless" Kitchen Boilers), 6 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Ettinger J. M., 70 W Lake
Hardin Lavin Co. (Cut-to-fit), 4543 Cottage Grove av

Herbert Boiler Co. ("Herbert," "Junior"), 140 Root
Illinois Malleable Iron Co. ("Illinois," "Imico"), 1801 Diversey blvd
International Heater Co. (of Utica, N. Y.), 1933 Wentworth av
Kellogg-Mackay Co. ("K. M. C.," "Klymax"), 419 W 18th
Kewanee Boiler Co., 328 W Washington
Kroeschell Bros. Co. (Steel Plate Greenhouse Boilers), 440 W Erie
Londelius C. A. & Sons Co., 847 W 63rd
Newport Boiler Co., 105 S Dearborn
Peerless Boiler Co., 6-8 Lake
Reynolds B. F. & Co. (Combination Warm Air & Hot Water), 414 N Dearborn
Smith V. A. Co., 213 W Lake
Vapor Car Heating Co. (Hot Water), 1450 Railway ex
Wilks S. Mfg. Co. ("Wilks" Hot Water), 3517 Shields av
GALVA—Galva Heater Co. ("Galva," "Mulford")
Hayes Pump & Planter Co. ("Dack" Hot Water)
GIBSON CITY—Gibson Iron Works
KEWANEE—Kewanee Boiler Co. ("Centur," "Great Northern," "Haxtun," "Kewanee," "Kewanee Fire Box")
Peters Pump Co. ("Gunther's" Hot Water)
ROCKFORD—American Heating & Supply Co.
SOUTH CHICAGO — Hennebohle Frank (Noiseless, Hot Water), 81st & S Chicago av
See adv index at end of book

INDIANA.

EVANSVILLE — Grote F. Mfg. Co. ("Grote" Sectional)
INDIANAPOLIS — Shirley Radiator & Foundry Co. ("Shirley")
KOKOMO—Cole, Howard & Co.
TERRE HAUTE—Prox Frank Co. ("Economic," "Hy Duty Economic," Radium")
WARSAW—Maish Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington
DES MOINES—McDonnell Boiler & Iron Works ("The Life")
OSKALOOSA—Interstate Mfg. Co. ("Marvel")
Seevers Mfg. Co. ("Iowa," "Seevers")
RED OAK—Kerrihard Co. (Hot Water)
WATERLOO — Waterloo Steam Boiler Works.

MAINE.

PORTLAND—Portland Stove Foundry Co. (Hot Water)

MARYLAND.

BALTIMORE—Bitt B. C. Stove Co. (Stoves & Ranges), Light, Lombard & Balderson
Greenmount Iron & Mfg. Co., 889 Greenmount av
Sheppard Isaac A. & Co., Eastern av & Chester
Wood W. E. Co., 18 N Howard
HAGERSTOWN—New York Central Iron Wks. Co., Inc., Dept. H

MASSACHUSETTS.

BOSTON—Backus Heater & Foundry Co. ("Backus"), 63 Canal, Boston, Mass.
Folsom R. L., 235 Congress
Gurney Heater Mfg. Co. ("Bright Idea," "Essex," "400 Series," "Gothic," "Gurney," "Jacket," "Lenox," "900 Series"), 93-95 Oliver
Lord & Burnham Co. (Hot Water, Greenhouse), Little bldg
Magee Furnace Co. ("Magee"), 38 Union
Pierce, Butler & Pierce Mfg. Co., 63 Federal
Smith & Anthony Co. ("Hub"), 52 Union
Stack Heater Co., 39H Sudbury
Walker & Pratt Mfg. Co. ("Crawford," "Walker"), 31 Union
GARDNER—Royal Steam Heater Co. ("Royal")
HOLYOKE—Holyoke Heater Co. ("Holyoke")
LYNN—Dame Melvin A. & Son Co.
Morgan J. F. & Son
Pender R. T.
Reardon Bros. & Co.
Ryan Geo. E.
Thompson & Libby
METHUEN—Sanborn Furnace Co. ("Sanborn")
SPRINGFIELD—Cave Welding & Mfg. Co. ("Weldco"), 32 Liberty
Demarest Heater Co.
TAUNTON—Weir Stove Co.
White-Warner Co.
WATERTOWN—Walker & Pratt Mfg. Co.
WESTFIELD—Smith H. B. Co. ("Cottage," "Gold X. L. Sectional," "Homestead," "Menlo," "Mercer," "Mills," "Smith")
WORCESTER—Allen Wm. Sons Co. ("Allen")
Stewart Boiler Works

MICHIGAN.

DETROIT—Brennan John & Co., 24th & M. C. R. R.
Detroit Heating & Lighting Co. ("Bolton" Hot Water Heater) Lieb & Wight
Smith Peter Heater Co., 1843 Mt. Elliott
United States Radiator Corp. ("Capitol," "Capitol Winchester,") 133 E Grand River av
MONROE—Monroe Foundry & Furnace Co. ("Floral," Steam & Hot Water)

MINNESOTA.

HOPKINS—Moran Boiler Co. ("Moran"), 2529 University av
MINNEAPOLIS—Andrews Heating Co., ("Andrews" Steel)
Roberts-Hamilton Co. ("Robaco," "Storm King"), 413 S 4th
Waterman-Waterbury Co. (Boilers), 1121 Jackson, N. E.
ST. PAUL—South Park Foundry & Machine Co. (Hot Water)

MISSOURI.

KANSAS CITY—Prest Heating & Foundry Co.
ST. LOUIS—Matthews, W. N. & Bro., Inc. ("Matthews," "Steamix"), 2922 Easton av
Universal Heater Mfg. Co., 1000-2 Vanderventer av

NEW JERSEY.

BARTLEY—Bartley R. C. Co. ("Our Favorite")
Bartley Wm. & Sons ("Acme")
BRIDGETON—Cox & Sons Co.
ELIZABETH—Heating Supply & Repair Co. ("Uprite")
Hitchings & Co., Dept. H
HACKETTSTOWN—Torrid Heater Co.
NEWARK — Birdsall W. A. & Co. ("Cripps," "Prudential"), 44 Mechanic (Works: Collegeville, Pa.),
Drake W. H. Co. ("Gem Torrid," "Giant Torrid," "Royal Torrid," "Torrid"), 36 Clinton
Thatcher Furnace Co., 36 St. Francis
PATERSON—Columbia Heater Co. ("Columbia," "Hennings")

NEW YORK.

ALBANY—Bates Edw. P. (of Syracuse, N. Y.)
Hunter James, Heating & Contracting Co. ("Hunters")
BUFFALO—Case W. A. & Sons Mfg. Co. ("Buffalo," "Supreme")
GENEVA—Catchpole Boiler Foundry & Machine Co. ("Catchpole")
Vance Jas. R. ("Columbia," "Vance")
HOOSICK FALLS—Dorr C. M. Co.
IRVINGTON—Lord & Burnham Co. (Hot Water)
NEWBURGH — Chadburn Economy Co., Savings Bank bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—O. K. Water Heater Mfg. Co., 2196 Pitkin av
Roys Steam Co., 913 Gates av
Scollay Jno. A. (Est. of) ("Invincible," "Scollay"), 74 Myrtle av
Wilson & Roake, 107 Hancock

Boroughs of Manhattan and Bronx.

NEW YORK—Baker, Smith & Co. ("Baker, Smith & Co's"), 576 Greenwich
Boynton Furnace Co. ("Square Pot", "Boynton"), 106 W 37th
Esda Mfg. Co., 280 Madison av
GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Gold Car Heating & Lighting Co., 17 Battery pl
Gorton & Lidgerwood Co. (Self-Feeding), 96 Liberty
Graff Furnace Co., 61 Wooster
GRISCOM-RUSSELL CO. ("Goubert," "Massillon," "Reilly," "Russell"), 92 West
See adv index at end of book
Hitchings & Co. (Hot Water), 1170 B'way
Hudson Boiler Mfg. Co. ("Hudson"), 359 W 42d
Lord & Burnham Co. ("Burnham" Hot Water), 30 E 42d
Mackay Mfg. Co. ("Manhattan") 234 Water
Molby Boiler Co., 101 Park av
Nason Mfg. Co., 71 Fulton
Page Wm. H. Boiler Co. ("Monarch," "Page Sectional," "Volunteer"), 141 W 36th
PATTERSON-KELLEY CO. ("Patterson"), Church and Cortlandt, New York *See adv index at end of book*
Phelps Bros. Co. ("Phelps," "Remington"), 101 Beekman
PIERCE BUTLER & PIERCE MFG. CORP. ("American," "Giant," "Improved Giant," "Modern," "Pebco," "Pierce Down Draft," "Spence"), 437 E 162nd
Richardson & Boynton Co. ("Richardson," "Perfect"), 31 W 31st
Richmond Radiator Co. ("Richmond"), 1480 B'way
Rutzler Enoch Co. ("Nonpareil"), 404 E 49th
Surrell Down Draft Boiler Co. ("Surrell"), 101 Park av
Thatcher Furnace Co. ("Champion," "Geyser," "Higrade," "Lender," "Progress"), 135 W 35th
Wilson & Roake, 261 Front

(End of New York City)

NORTH TONAWANDA—Niagara Radiator & Boiler Co. (Cast Iron Boilers)
Steward Heater Co. (Exhaust or Live Steam)
ORWELL—Olmstead A. E.
PORT CHESTER—Abendroth Bros. ("York" and "Gem")
ROCHESTER—Electric Boiler Co. ("Electric," Hot Water)
Sloan Samuel & Co. ("X-Ray" & "Sanco" Boilers)
SYRACUSE—Bates Edw. P. Co. ("Bates")
Kelsey Heating Co., Inc.
Syracuse Heater Co. ("Syracuse")
TROY—Aird-Don Co. ("Trojan")
Fuller & Warren Co. (Hot Water Only)
UTICA—Giblin & Co. ("Standard")
Hart & Crouse Co. ("Royal")
International Heater Co. ("International Economy"
Utica Heater Co. ("Auburn," "Imperial," "Superior")

OHIO.

AKRON—XXth Century Heating & Ventilating Co. ("XXth Century")
CINCINNATI—Hammond Heating Co., 130 E Pearl
Specialty Device Co., 106 W 3rd
U. S. Heating & Plumbing Co. ("Duplex Crown"), 744 W Court
Williamson Foundry Co. ("Williamson" Underfeed Boilers), Marburg av, Oakley
CLEVELAND—Bacon Heater Mfg. Co., 2622 Franklin av
Cleveland Metal Products Co. ("New Perfection"), Platt av & C. & P. R. R.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R.
Mouat-Squires Co. (Hot Water), 1246 W 4th
National Heater Co. ("National")
Scientific Heater Co., 2104H Superior Via.
DAYTON—Brownell Co. (Heating Boilers)
Concord Mfg. Co. ("Delta")
Craig-Reynolds Foundry Co. ("Triumph Series")
LORAIN—Hoffman Heater Co.
MARTINS FERRY—Stanton Heater Co.

PENNSYLVANIA.

COATESVILLE—Coatesville Boiler Works ("Zenith")
COLLEGEVILLE—Freed Heater Co. ("Charmer," "Freed," "Milton," "Roberts")
ERIE—Sims Co. ("Sims" Hot Water Generators), 18th & Whitley av
HANOVER—Davison Heating & Const. Co.
HARRISBURG—Harrisburg Mfg. & Boiler Co
HUNTINGDON—Atlantic Radiator Co.
JOHNSTOWN—National Radiator Co. ("Novus")
LANCASTER—Monitor Bi-Loop Radiator Co. ("Monitor")
LANSDALE—Heebner & Sons ("Lansdale")
Lansdale Fndry. Co.
NORRISTOWN—Gibbons, N. I.
OIL CITY—Oil City Boiler Works ("Oil City," Steam & Hot Water Boilers)
PHILADELPHIA—Cox, Abram Stove Co. ("Novelty" & "Fortune"), American & Dauphin, Phila., Pa.
Earley Wm. ("Earley," Portable Hot Water & Air & Hot Water & Steam), 1216 Ridge av
Freed Heater Co., Bourse bldg
Kane Wm. Mfg. Co., 1909 Adams
Mershon Patent Shaking Grate Works, ("Mershon"), 147 N 3d
Reeves S. V. ("Victor" & "Home Victor" Water), 45 N 2d
Sheppard, Isaac A. & Co. ("Paragon," "Excelsior"), Harrison bldg, Phila., Pa.
Wood Jas. P. Heating Co., 239 N 4th
PITTSBURGH—Albrecht Francis J. (Bakers), 1146 Penn av.
American Radiator Co. ("Ideal"), 300 Wood
Munroe R. & Sons Mfg. Corp., 23rd & Smallman
Peerless Heater Co. ("Peerless"), 7 Wood
Peerless Water Co. (Gas & Coal), ("Peerless"), 7 Wood

HEATERS (STEAM & HOT WATER) cont.
PENNSYLVANIA—Pittsburgh—continued
Pittsburgh Water Heater Co. ("Economy," "Junior," "Lion," "Pittcoal," "Pittsburgh"), Jenkins bldg.
Ruud Mfg. Co. (Hot Water), 29th & Smallman
Stewart Geo. B. Co. (Automatic) Chamber of Commerce bldg., Pittsburgh, Pa.
POTTSTOWN—Sotter Bros. ("Sotter's")
READING—Reading Scale & Machine Co. ("Imperial Sunshine," "Majestic Sunshine," "Monarch Sunshine," "Vassar")
SCRANTON—Spencer Heater Co. ("Spencer")
TATAMY—Messinger Mfg. Co. ("Imperial")
TYRONE—Burley Heater Co Co ("Burley")
WILLIAMSPORT—Keeler E. Co.
Williamsport Radiator Co ("Craig")
YOUNGSWOOD—Robertshaw Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co. ("Pentecost"), 159 Aborn
Barstow Stove Co. ("Bay State" Hot Water). 116 Point
Economy Faucet Co., 86 Weybosset

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co. (Low Pressure Boilers)
Walsh & Weidner Boiler Co.

VERMONT.

NORTH BENNINGTON—Simmons H. C. Sons
HEATERS (STEAM & HOT WATER)—continued

WASHINGTON.

SEATTLE—Nat'l Engng. & Equipment Co.

WEST VIRGINIA.

CHARLESTON — Kanawha Mfg. Co. ("Bernhard" Water Tube)

WISCONSIN.

MILWAUKEE—Mueller L. J. Furnace Co. ("Mueller")
Schwab R. J. & Sons Co. ("Gilt Edge"), 283 Clinton
RACINE—Davis O. C. ("Davis")
SHEBOYGAN—Optenberg Iron Works

6047—Heaters (Sterilizing, Electric)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.
Hospital Supply Co., 153 E. 23rd, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6047a— *Heaters (Storage)

Griscom-Russell Co., The, 92 West st, New York *See adv index at end of book*

RUSSELL STORAGE HEATER



To supply hot water for Apartment Houses, Laundries, Hotels, etc.



THE
GRISCOM-RUSSELL CO.
92 West Street New York

PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book

6048— Heaters (Sugar Juice)

Blymyer Iron Works Co., Cincinnati, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Deming Apparatus Co., 30 Church, New York
Fogarty James H., 126 Liberty, New York
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Joubert & Goslin Mach. & Foundry Co., Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av., Cleveland, O.
Murphy, John H. Iron Works, 643 Magazine, New Orleans, La.
NAZARETH FOUNDRY & MACHINE CO. (Also Crystallizers), Nazareth, Pa., & 106 Front, New York
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Colo.
Sugar Machinery Co., Higgins bldg, Los Angeles, Cal.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Von Phul Gilbert D., Hibernia Bk. bldg, New Orleans, La.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6049— Heaters (Surface)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg. Phila., Pa.
Bethlehem Shipbuilding Corp., Ltd. (Feed Water), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book

6050—Heaters (Tank, Stock, Etc.)

American Gas Machine Co. Inc., ("American"), Albert Lea, Minn.
Bryant Heater & Mfg. Co. ("Bryant," Gas for Steam Coil, Heated Tanks), 952 E 72nd, Cleveland, O.
Bushnell Tank Works (Water), Bushnell, Ill.
Butler Co ("Hayward," "Hot Stuff," "Klondike," "Twentieth Century"), Butler, Ind.
Butler Mfg. Co. ("B. M. C.," "New Era"), Kansas City, Mo.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Cedar Rapids Pump Co. ("Acme"), Cedar Rapids, Ia.
Celina Mfg. Co. ("Monarch"), Celina, O.
Challenge Co. ("Favorite," "Challenge"), Batavia, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Cone R. D. Co., Winona, Minn.
Cox Abram Stove Co., American & Dauphin, Phila., Pa.
Dayton-Dowd Co. ("Economy"), Quincy, Ill.
Dempster Mill Mfg. Co. ("Beatrice"), Beatrice, Neb.
Drew Carrier Co. ("Grub"), Waterloo, Wis
Duluth Corrugating & Roofing Co (Return Flue), Dept. H, Duluth, Minn.
Duplex Mfg. Co. ("Badger," "Superior," "Duplex"), Superior, Wis.
Fetzer Co. ("Fetzer," "McSherry"), Springfield, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeland B. F. Sons Co. ("Record," "Star"), Sturgis, Mich.
Gedge Bros. Iron Roofing Co. (Galvanized Steel), Anderson, Ind.
Greenville Implement Co., Greenville, Mich.
Heesen Bros. Co. ("Everlasting"), Tecumseh, Mich.
Heller-Aller Co. ("Napoleon"), Napoleon, O.
Hunt, Helm, Ferris & Co. ("Star," "Red Hot," "Standard," "Harvard," "Cracker Jack," "Perfection," "Black Jack" & "Iron King"), Harvard, Ill.
Indiana Tank Heater Co., Argos, Ind.
James Mfg. Co., Ft. Atkinson, Wis.
Kelly Foundry & Machine Co. ("King," "K.-T.," "Everlasting," "Goshen"), Goshen, Ind.
Kretchmer Mfg. Co. ("Best Ever"), Council Bluffs, Ia.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Midland Supply Co. ("Makestock Waymore" Kerosene), Davenport, Ia.
Nelson Mfg. Co., Deerfield, Wis.
Niles Steel Tank Co., Niles, Mich.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Perkins & Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co. ("IXL"). Kalamazoo, Mich.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Prox Frank Co., Terre Haute, Ind.
Prudential Heater Co. ("Prudential" Tanks), Louisville, Ky.
Richmond Water Softener Co. ("Weldex"), Richmond, Ind.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Sandwich Mfg. Co., Sandwich, Ill.
Sargent, Osgood & Roundy Co. ("Mudgett"), Randolph, Vt.
Shaw, Welsh & Co., Galesburg, Ill.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Stack Heater Co., 39H Sudbury, Boston, Mass.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Swift Mfg. Co. (Cast Iron), Waterloo, Ia.
Trachte Bros. Co., Madison, Wis.
U. S. Wind Engine & Pump Co. ("Artic"), Batavia, Ill.
Wills Mfg. Co. ("Cow Boy"), Mendota, Ill.
Wisconsin Foundry & Machine Co., Madison, Wis.

Heaters (Tar)

See Heaters, Asphalt, Pitch & Tar

6051— Heaters (Tire)

Gogel Mfg. Co., Toledo, O.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Kane & Roach (Gas), Syracuse, N. Y.
Rochester Tire Heater Co., Rochester, N. Y.
Williams, White & Co., Moline, Ill.

6052—Heaters (Tuyere Iron)

Gogel Mfg. Co. (Gas, Gasoline or Oil), Toledo, O.

6053—Heaters (Water, Automatic)

See also Heaters, Water, Instantaneous

Anderson-McCutchon Co. ("Anderson"), Peekskill, N. Y.
Bellman W. E. ("Bellman-Seamans"), Buffalo, N. Y.
Bryant Heater & Mfg. Co. ("Bryant"), 952 E 72nd, Cleveland, O.
Economy Heater Co. (Gas), 108 S La Salle, Chicago, Ill.
Gordon A. D. ("Duplex," for Domestic Use), 231 Franklin, Buffalo, N. Y.
Hayden & Derby Mfg. Co. ("H. D.," Noiseless for Heating Liquids by Direct Steam), 119 W 40th, New York
Hoffman Heater Co. ("Hoffman"), Lorain, Ohio
Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
Hoyt Heater Co., Los Angeles, Cal.
Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.
Patterson-Kelley Co., Church & Cortlandt, New York. *See adv index at end of book*
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Pompeian Mfg. Co. ("Perfection"), 2104 Superior av, Cleveland, O.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Sands Mfg. Co. ("Sands"), 5407 Sweeney av, Cleveland, Ohio
Stack Heater Co., 39H Sudbury, Boston, Mass.
Therman Appliance Co. ("Madsen"), 420 W 27th New York
Thomas Automatic Heater Co., Jackson, Mich.
Van Zandt Gas Appliance Co. (Gas), 4050 Olive, St. Louis, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6054—Heaters (Water, Bath or Tank)

See also Heaters, Water, Instantaneous

Abendroth Bros. ("York," "Little Gem," "York Gem," "Gem," "Hudson"), Port Chester, N. Y.
Acme Specialty Mfg. Co. ("Acme", Gas & Gasoline), Toledo, O.
American Radiator Co. ("Ideal" Tank Heater), 820 S Michigan av, Chicago, Ill.
American Stove Co. ("Jewel," "Reliable" and "Monarch"), St. Louis, Mo., & 179 W Michigan av, Chicago, Ill.
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Bellman W. E. ("Bellman-Seamans" Automatic), Buffalo, N. Y.
Bremen Mfg. Co. (Gas & Gasoline), Bremen, O.
Bryant Heater & Mfg. Co. ("Bryant," Disc Circulating Gas), 952 E 72nd, Cleveland, O.
Century Stove & Mfg. Co. ("Century" Gas), Johnstown, Pa.
Clark, Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
Cleveland Heater Co. (Rex), 1905 W 112th, Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Dayton Supply Co. ("Dayton, Ohio," Instantaneous), Dayton, O.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duluth Water Heater Co., Duluth, Minn.
Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
Erie Stove & Mfg. Co. (Gas), Erie, Pa.
Estate Stove Co. ("Estate"), Hamilton, O.

Eureka Water Heater Co. ("Eureka," Gas Water Heater), 37 W. Lake, Chicago, Ill.
Eynon-Evans Corp. ("Noiseless"), N 15th & Clearfield, Phila, Pa.
Federal-Huber ("Gugenstrom"), 234 N Halsted, Chicago, Ill.
Fuller & Warren Co., Troy, N. Y.
Griscom-Russell Co. ("Reilly"), 92 West, New York *See adv index at end of book*
Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
Haberling Chas. ("Columbian"), Columbus, O.
Hitchings & Co. (Bath Heaters), 1170 B'way, New York
Hoffman Heater Co., Lorain, O.
Humphrey Co. (Gas, Tank), Kalamazoo, Mich.
Illinois Malleable Iron Co. ("Illinois" Tank), 1801 Diversey blvd, Chicago, Ill.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Kewanee Boiler Co. ("Tabasco"), Kewanee, Ill.
Knight & Jillson Co. ("Holden," Coal and Gas), Indianapolis, Ind.
Kronquist August C. ("Maywood"), Maywood, Ill.
Long Landreth Schneider Co. (Gas), New Brunswick, N. J.
Lord & Burnham Co. (Bath Heaters), 30 E 42nd, New York
Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
McDowell Mfg. Co., Stanton av., Pittsburgh, Pa.
Meerhoff H. H., Richmond, Ind.
Michigan Stove Co. ("Garland"), Adair & Jefferson, Detroit, Mich.
Miller Wm. Range & Furnace Co., 125 E 5th, Cincinnati, O.
Monitor Bi-Loop Radiator Co. ("Monitor"), Lancaster, Pa.
Mott J. L. Iron Works ("Sunray" Tank), Trenton, N. J.
Odin Stove Mfg. Co. (Gas), Erie, Pa.
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Peerless Stove & Mfg. Co. (Gas), Columbus, O.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d, New York
Pittsburgh Water Heater Co. ("Pittsburgh," "Bungalow," "Lion"), Jenkins bldg., Pittsburgh, Pa.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Reeves S. V. ("Victor" & "Home Victor"), Water, 42 N 2d, Phila., Pa.
Richmond Radiator Co. ("Richmond"), 1480 B'way, New York
Rolf Heater Mfg. Co., Columbus, O.
Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
Sand Mfg. Co. ("Augmore"), 5407 Sweeney av, Cleveland, Ohio
Schifferle Fredolin ("Gem"), 1206 S Broadway, St. Louis, Mo.
Schneider & Trenkamp Co., Cleveland, O.
Stack Heater Co., 39H Sudbury, Boston, Mass.
Taylor Burner & Electroplating Co. (Ltd.) ("Kinyckest"), 804 Duquesneway, Pittsburgh, Pa.
Troop Mfg. Co., 218 1st av, Pittsburgh, Pa.
Union Stove Works (Gas "Astor," "Invader"), 70 Beekman, New York
Vogelgesang Furnace Co. ("Prize Cylinder"), Columbus, O.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Wood Jno. Mfg. Co. ("Daisy" & Electric Weld Combination), Conshohocken, Pa.

6055—Heaters (Water Coil)

Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
Lawson Mfg. Co. ("Lawson"), Lexington & Thomas, Pittsburgh, Pa.
Londelius C. A. & Sons Co. (For Concrete), 847 W 63d, Chicago, Ill.
Michigan Stove Co. ("Garland" Copper Coil), Adair & Jefferson, Detroit, Mich.
Pittsburgh Water Heater Co. (Copper Coil), Jenkins bldg, Pittsburgh, Pa.
Rolf Heater Mfg. Co. (Cast Iron & Copper Coil), Columbus, O.
Ruud Mfg. Co. (Gas), 29th & Smallman, Pittsburgh, Pa.
Sands Mfg. Co. ("Sand"), 5407H Sweeney av, Cleveland, Ohio
Stack Heater Co. ("Indirect"), 39H Sudbury, Boston, Mass.
Specialty Device Co., 106 W 3rd, Cincinnati, Ohio

6056—Heaters (Water, Electric)

Aqua Electric Heater Co. ("Aqua", "Geyser"), Bridgeport, Conn.
American Electrical Heater Co., Burroughs & Woodward, Detroit, Mich.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Coin Machine Mfg. Co., Portland, Ore.
CUTLER-HAMMER MFG. CO. (Instantaneous Portable for Buffet, Bar, etc), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Diamond Elec. Water Heater Co. (Immersion), H, Kohl bldg, San Francisco, Cal.
Electric Heating & Mfg. Co., Westlake & Republic, S. Seattle, Wash.
Electro Dental Mfg. Co. (Sterilizers & Water Heaters), 33d & Arch, Phila., Pa.
GENERAL ELECTRIC CO. (Industrial Only), Schenectady, N. Y.
See adv index at end of book
Grinnell Electric Heater Co. ("Grinnell", Instantaneous), Grinnell, Ia.
Loetscher-Ryan Mfg. Co. ("Ideal Heat"), Dubuque, Ia.
Meier Dental Mfg. Co. ("Standard" Water Bottle Heaters), 3927 Olive, St. Louis, Mo.
National Electric Water Heater Corp., Times bldg, New York
Russell Elect. Co. ("Hold Heet"), 140 W Austin, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"). Cambridge, Mass.
Stubin Geyser Elec. Water Heater Co., Steubenville, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wocher Max & Son Co., 19 W 6th, Cincinnati, O.

Heaters (Water, Garbage Burning)

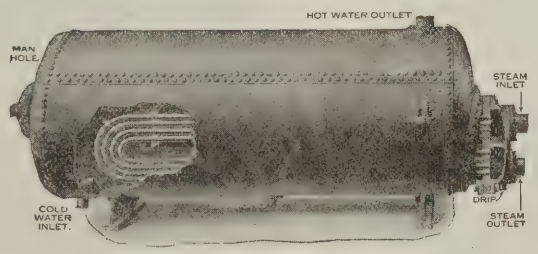
See Garbage Burners, Water Heating

6057—Heaters (Water, Instantaneous)

American District Steam Co. ("Adsco" for Heating Water Direct from Steam Lines), North Tonawanda, N. Y.
American Stove Co. ("Jewel," "National" Gas), 827 Chouteau av, St. Louis, Mo.
Barlow Co. ("Matchless"), Holyoke, Mass.
Beauvais Water Heater Co., Springfield, Mass.
Century Stove & Mfg. Co. (Gas), Johnstown, Pa.
Cleveland Heater Co. ("Rex"), 1905 W 112th, Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Detroit Stove Works ("Detroit Jewel"), 1320 Jefferson av, Detroit, Mich.
Formica Insulation Co. ("Formica"), 4614 Spring Grove av, Cincinnati, O.

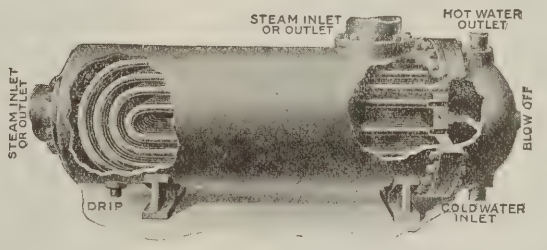
The Patterson System of Water Heating

for all purposes—domestic and industrial



The Patterson Combined Hot Water Heater and Storage Tank

is for installations where the demand for hot water is not constant. It is made in any desired combination of heating and storage capacities. The stored water absorbs heat from a very small supply of steam.



The Patterson Instantaneous Hot Water Service Heater

is ideal for installations where the demand for hot water is constant—or for use as a hot water generator in a circulating system. It will heat water instantly with a minimum supply of steam.

Patterson Heaters are of extra heavy construction with 'Π' shaped heating sections of seamless, drawn copper tubing. Made for any working pressure and service requiring hot water.

The Patterson-Kelley Co. Church and Cortlandt St. **New York**

Hoffman Heater Co. ("Hoffman" Automatic), Lorain, O.
Humphrey Co. (Automatic), Kalamazoo, Mich.
Instantaneous Water Heating Co. ("Acme"), Kalamazoo, Mich.
Lawson Mfg. Co. ("Lawson" Gas & Gasoline), Lexington & Thomas, Pittsburgh, Pa.
Lovekin Water Heater Co. (Gas), 39 Laurel, Philadelphia, Pa.
McDowell Mfg. Co. ("Gable"), Stanton av, Pittsburgh, Pa.
Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.
Mustee Water Heater Co. ("Marvel"), 3409 Superior av, N E, Cleveland, O.
Parrott Heater Co. (Automatic), 224 21st, Detroit, Mich.
PATTERSON-KELLEY CO., Church & Cortlandt, New York
See adv index at end of book
Phila. Stove & Iron Foundry Co. ("Clover Triumph" Gas), 1631 N 5th, Phila., Pa.
Pittsburgh Water Heater Co. ("Pittsburgh," "Automatic," "Bungalow," "Lion"), Jenkins bldg, Pittsburgh, Pa.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Reliable Stove Co. (Gas), 1787 E 40th, Cleveland, O.
Ruud Mfg. Co. ("Ruud" Thermal Automatic Gas), 29th & Smallman, Pittsburgh, Pa.
Sands Mfg. Co., 5407 Sweeney av, Cleveland, Ohio
Schutte & Koerting Co. ("S. & K." for Ships, etc.), 1251 N 12th, Phila., Pa.
See adv index at end of book
Stack Heater Co., 39H Sudbury, Boston, Mass.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Wood John Mfg. Co. ("Electric Weld" Gas), Conshohocken, Pa.

6058—Heating Apparatus (Car & Locomotive)

Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Steam Carriage Boiler Co. (Car Heating, Boilers), Oswego, N. Y.
Vapor Car Heating Co. ("Vapor System"), 1450 Railway Ex, Chicago, Ill.

6059—Heating Apparatus (Hot Blast)

American Blower Co., 1400 Russell, Detroit, Mich.
Am. Radiator Co. ("Vento"), 816 Michigan av, Chicago, Ill.
Atlas Heating & Ventilating Co. (Jobbers), 72 Freelon, San Francisco, Cal.
Baker, Smith & Co., 576 Greenwich, New York
Bayley Mfg. Co. ("Bayley"), Milwaukee, Wis.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Fuller-Warren Co., 32nd & Wright, Milwaukee, Wis.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Mass. Blower Co., Watertown, Mass.
Miller J. K. Co., Seattle, Wash.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Skinner Bros. Mfg. Co. (with Blower), 10th & Tyler, St. Louis, Mo.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

6060—Heating Coils (For Steam or Hot Water Heating)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Green Fuel Economizer Co., Beacon, N. Y.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Stack Heater Co. (Instantaneous Steam), 39H Sudbury, Boston, Mass.
United Lead Co. (Lined or covered with Lead or Tin), 111 B'way, New York
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W Carteret, N. J.
See adv index at end of book

6061—Heating Contractors (Steam & Hot Water)

Firms under this heading do Steam & Hot Water Fitting Only

ALABAMA.

MONTGOMERY—Alabama Machinery & Supply Co.

CALIFORNIA.

LOS ANGELES—Phillips Heat'g, Ventilating & Mfg. Co.
PASADENA—Nay E. O. & Co.
SAN FRANCISCO—Atlas Heating & Ventilator Co., 72 Freelon
California Hydraulic Engineering & Supply Co., 70 Fremont
Holbrook, Merrill & Stetson, 6th & Bluxome
Mangrum & Otter (Inc.), 561 Mission
Morgan W. & Co., Monadnock bldg
Pacific Blower & Heating Co., 224 5th
Royal Heating Co., 280 Minna
Scott Co., 243 Minna
Sutton John G. Co., 243 Minna

COLORADO.

DENVER—Bradbury Bros.
Michael Heating Co.
Pfeiffer C. P. & J. L.

CONNECTICUT.

BRIDGEPORT — Wellington & Co., Riparian av
HARTFORD—Barrett & Wall, 40 Allyn
Murray James T. & Sons, 62 Market
NEW HAVEN—Rourke Bros. Co., 834 Grand av
NEW LONDON—Hopson & Chapin Mfg. Co.
NORWICH—Barstow J. P. & Co.
PUTNAM—Putnam Foundry & Machine Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Biggs Heating Co., 917 H, N W
Cornell W. G. Co., 823 12th, N W
Febrey E. J. & Co., Pacific bldg
King H. R., 617 10th, N E
Pierpont John A., 310 12th, N W
Rees Cyrus B., 1322 14th, N W
Stansbury Daniel R., 1304 H, N W
Zellers & Co., 1333 14th, N W

GEORGIA.

ATLANTA—Atlanta Steam Heating Co.
Warlick Sheet Metal Mfg. Co.
AUGUSTA—Erbelding E. J. Co.
MACON—Central Georgia Plumbing & Heating Co.

ILLINOIS.

AURORA—Biever A. W. Plumbing & Heating Co.
Trauten John J.
Walters T. E. Plumbing & Heating Co.
BELLEVILLE—Karr Supply Co.
CHICAGO—Almirall & Co., 53 W Jackson boul
Arcade Steam Heating Co., 126 W Kinzie
Baker & Smith Co., 408 N Wells
Baldwin J. P. 208 N Wells
Brady & Co., 125 Curtis
Chicago Steam Heating Co., 565 W Wash.
Conlin Thos. Plumbing & Heating Co., 3978 Cottage Grove av
Consolidated Engineering Co., 507 W Jackson blvd
Cook & Chick Co., 18 E Kinzie
Cragin M. J., 746 E 43d
Crane M. H. (Est. of), 189 W Madison
Davis Construction Co., 56 W Kinzie
Devlin Harry J., 218 E 43d
Dilzer Fred., 58 W Kinzie
Douglass Thos. J. & Co., 441 N Dearborn
Dunbar J. J. & Co., 415 Milwaukee
GALLAHER & SPECK, 215 W Congress
Gordon Plumbing & Heating Co., 6236 Cottage Grove av
Graves Heating Co., 162 N Desplaines
Henning Bros., 3924 Indiana av
Henrich Geo. A., 5650 B'way
Herlihy J. J., 751 W Van Buren
Hess Warming & Ventilating Co., 1211 S Western av
Hoier Wm. V. Co., 707 N Wells
Ideal Heating Co., 6312 Wentworth av
Ill. Electric Ventilating Co., Crawford av near Diversey blvd.
Kehm Bros. Co., 15 W Kinzie
Kehm Jno. R. Co., 8 E. Austin
Kellogg, Mackay Co., 419 W 18th
Kenwood Heating Co., 4825 St. Lawrence
Kersten S., 554 W Jackson blvd
Kirk Geo. H., 6711 Wentworth av
Kroeschell Bros. Co., 440 W Erie
Lamb F. W. Co., 24 E Kinzie
Lees Wm., 548 W Washington
McAlear Mfg. Co., 223 W Erie
Narowetz Heating & Ventg. Co., 225 W Lake
National Steam Heating Co., 1130 N Clark
Nelson Jos. E. & Sons, 118 N La Salle
Nilson Bros., 3222 N Halsted
Olson J. H., 4012 S State
Patrick Robt. Plumbing Co., 3231 Cottage Grove av
Pearce W. H. & Co. (For Central States' Steam Plants), 333 S, Dearborn
Peckham Harry, Jr., 2345 W 12th
Phillips-Getschow Co., 130 W Kinzie
Pittsburgh Piping & Equipment Co., 122 S Michigan av
POPE WM. A., 26 N Jefferson
Powers Bros. & Co., 1034 E 43d
Prentice L. H. Co., 330 Sherman
Reger H. P. & Co., 5512 Lake Park av
Rigby Ben, 545 W Lake
Schweitzer C. & R., 849 Center
Serson Hardware Co., 109 31st
Smith James M., 6346 Stony Island av
Sullivan William Co., 1118 N Clark
Walsh W. J. & Co., 503 N Dearborn
Webster Warren & Co. (Webster's System), 53 W Jackson blvd
GALESBURG—Murphy Bros.
JOLIET—Meers R.
MOLINE—Moline Heating & Construction Co.
OTTAWA—Clegg Jno. W. & Son
PEORIA—Johnson Chas., Hardware Co.
QUINCY—Best E., Plumbing, Heating & Supply Co.
ROCKFORD—America Heating & Supply Co.
ROCK ISLAND—Channon & Dufva

INDIANA.

EVANSVILLE—O'Donnell Steam Heating Co.
GOSHEN—Sheridan Green & Co.
GREENCASTLE—Greencastle Foundry & Machine Co.
INDIANAPOLIS—Hayes Bros. Inc.
Johnson W. H. & Son Co., 330 E St. Joseph
Kruse & Dewenter, 427 E Washington
Shipp C. C. & Co., Indianapolis, Ind.
LAFAYETTE—Abner Co.
MUNCIE—Gallivan Jerry A. Co.
Pyhe-Werkhoff Co.
TERRE HAUTE—Prox & Burget Co.
WABASH—Hipskind Heating & Plumbing Co.

IOWA.

DES MOINES—Campbell Heating Co.

KENTUCKY.

LOUISVILLE—Clegg F. A. & Co.
NEWPORT—Fennell George H. & Co.
OWENSBORO—Guenther Hardware Co.

LOUISIANA.

MONROE—Sanders John G.
NEW ORLEANS—Joubert & Goslin Machine & Foundry Co., Howard & Euphrosine
Standard Supply Co., 420 Carroll
SHREVEPORT—Bain H. H. Sheet Metal Works
Hoke Plumbing & Heating Co.

MAINE.

PORTLAND—Fels Arthur B.
Moulton A. H.

MARYLAND.

BALTIMORE—Adams W. W. & Sons, No Calhoun
Cahill W. S. Co., Key highway & Webster
Calvert Stove & Heating Co., 512 S Chester
Crook H. E. Co., Inc., 28 Light
Dobson R. P. & Co., Paca & Saratoga
Enterprise Steam & Hot Water Heating Co., 600 N Howard
Groscup Co., St. Paul & 26th
Heat & Power Corp., 30 Light
Heer Bros., Lexington bldg
Heubeck Geo. F., Jr., 128 N Fremont av
Hill Walter E. & Co., 203 N Liberty
King Chas. T. & Co., 523 N Charles
Kries Henry A. & Sons Co., 8 W Lombard
Riggs, Distler & Stringer, 25 Light
Stebbins Wallace & Sons, 100 S Charles
Way S. Harry, 12 Clay
Zies Chas. & Sons Co., 320 S Fremont av
FREDERICK—Fox H. K. C.
HAGERSTOWN—Hagerstown Heating Co.

MASSACHUSETTS.

BOSTON—Anthony Frank P., 280 Washington
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill
Bay State Heating & Sprinkler, Co., 49 Haverhill
Bradlee & Chatman Co., 54 Canal
Braman, Dow & Co., 239 Causeway
Cleghorn Co., 54 Batterymarch
Coffin Isaac Co., 52 Sudbury
Dodge Edwin L., 8 Friend
Dwyer James P. Co., 183 Harrison av
Felton-Turner Heating Co., 34 War.
Foster Heating Co., 15 Palmer, Rox
Gallison W. H. Co. (High Pressure), 399 Atlantic av
Greene Bros., 417 Hanover
Hertig Furnace Co., 1342 Columbus av
Ingalls & Kendricken, 47 Bowker
Johnson Z. T. 19 Myrtle
Lovering Robert H., 37 Savin, Rox.
Lumsden & Van Stone Co., Dorchester
Lynch & Woodward, 287 Atlantic av
McLean & Cousens Co., 204 Purchase
Merrill Co. (High Pressure Piping), 19 Pearl

Montgomery F. W., 29 Purchase
Paul, Andrew G. Co., 141H Milk
Pierce & Cox, 143 Kingston
Rice F. I. & Bennett, 36 Clardon
Richardson & Clement, 20 Union
Ross Walter B., 263 Summer
Shearman Heating Co., 18 Union
Smith & Anthony Co., 52 Union
Walworth-English-Flett Co., 100 Pearl
Webster, Warren & Co., 24 Milk
Whitten Horace E., 9 Federal Court
Woodward Frank E. & Co., 19 Friend

FAIRHAVEN—Fairhaven Iron Foundry Co.
FALL RIVER—Fall River Steam & Gas Pipe Corp.
FITCHBURG—Brownell-Mason Co.
Jennison Co. (Large)
Parks G. M. Co. (Large)
Whooley D. J. & Co.
GLOUCESTER—Stoddart A. P. & Co.
HOLYOKE—Cole-Phelps Heating Co., 196 Main
LAWRENCE—Bride, Grimes & Co.
LOWELL—Middlesex Machine Co.
NEW BEDFORD—New Bedford Boiler & Machine Co.
SALEM—Patten Paul B. Co.
SPRINGFIELD—Clapp Z. C.
Estabrook George R.
McClean George H. Co.
Morris T. J.
Oliver & Howland Co.
Wyckoff & Lloyd Co., 19 Worthington
WORCESTER—Brunelle & Despard
Burlingame A. Co.
Callahan J. W. & Son
Central Supply Co.
Hawes Edwin Co., 726 Main
Henderson P. J., 171 Foster
Holmes M. D. & Son, Co., Salem sq
Houghton F. O.

MICHIGAN.

ALPENA—Eddy Engineering Co.
BAY CITY—Jennison Hardware Co.
DETROIT—Detroit Heating & Lighting Co.
Lieb & Wight
Dodson & Card Co., 699 Howard
Simonds Heating & Specialty Co., 90 Park pl
Turner W. C., 441 Hubbard av
Vinton Co.
GRAND RAPIDS—Leitelt Adolph Iron Works
Macauley Bros.
Weatherly Co.
SAGINAW—Eureka Heating & Ventilating Co.

MINNESOTA.

DULUTH—American Heating Co.
FERGUS FALLS—Fergus Iron Works Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Andrews Heating Co., 203 Hennepin av
Gray W. I. & Co., 914 Morey pl
Hamilton W. C. T., 2948 Nicollet
Hasey Heating Co., Wilmac bldg
Knights W. R., 1224 E Lake
Quam H. J., 3616 Portland av
Roberts-Hamilton Co., 413 S 4th
Saxton Heating Co., 405 6th av, S
Schupp Wm. & Co., 616 S 3d av
Smith System Heating Co., 821 Washington av S E
Tunstead Heating Co., 1019 6th av, S
ST. PAUL—Roberts John D., 854 Selby, Gilfillan blk
Sparr E. E.
Western Machine Mfg. Co., 443 Rosabel
WINONA—Winona Heating & Ventilating Co.

MISSOURI.

KANSAS CITY—Kansas City Heating Co., 15th & Grand av
Lewis & Davis, 412 E 31st
Martin H., 1411 E 14th
Mueller A. B. Heating Co., Massachusetts bldg
Prest Heating & Foundry Co.
ST. LOUIS—Ambler Edwin P., 2822 La Salle
Bradley Heating Co., 3834 Olive
Brockman J. R. Mfg. Co., 617 N 2nd
Brown Heating Co., 5972 Easton av
Cozzens Heating & Const. Co., 1201 N. Vandeventer
Elliott & Barry Engineering Co., 1426H Olive
Hanley-Casey Co., 1607 Olive
Hayes John, 806 N 14th
Haynes-Langenberg Mfg. Co., 4045 Forest Park blvd
Maloney Wm. S., 4632 Olive
Materne John R. Mfg. Co., 18th & Gratiot
Modern Heating Co., 3935 Olive
Moynihan C. S., 2602 N Spring av
National Heating Co., 2050 Geyser av
O'Mara Heating Co., Victoria bldg
Peters-Eichler Heating Co., 1516 Pine
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Sodemann Heat & Power Co., 2306 Morgan
Tipton & Mackey Mfg. Co., 4948 Easton av
Urbauer Atwood Htg. Co., 1450 S 2nd

NEW JERSEY.

BARTLEY—Bartley Wm. & Sons
BELLEVILLE—Jacobsen W. H.
BOUND BROOK—Williams Thos. F.
Zepp W.
BURLINGTON—Lawrence Eli, Jr.
CAMDEN—Camden Heating Co.
Lounsberry H. C.
Webster Warren & Co.
HARRISON—Cooney John H.
HOBOKEN—Standard Heating Co., 8th & Jefferson
JERSEY CITY—Barclay W. A., Jr., 314 Pacific av
Finnegan Thos. J.
Lutton Wm. H. Co., West Side av
MADISON—Force Chas. C. & Son
NEWARK—Cryer T. B. Co., 249 High
Denny Bros. Co., 234 Lincoln av
Reid Jno. L., 356 Mulberry
Smith & Reilly, 411 New
Wolff Wm. D. & Co., 108 S 13th
NEW BRUNSWICK—McFadden Plumbing & Heating Co.
NEWTON—Watkins Chas. H.
PATERSON—Gurney Wm. H.
TOWN OF UNION—Manahan Bros Heating Co. (Heating)
TRENTON—Katzenbach F. S. & Co.
Trenton Plumbing & Heating Co., 366H S Broad

NEW YORK.

ALBANY—Bates E. P.
Hunter Jas. Heating & Contracting Co.
Tyler Fred A.
Warren James D.
AUBURN—Smith & Pearson, Dept. H
BEACON—Green Fuel Economizer Co.
BINGHAMTON—Gaylord & Eitapenc Co.
Lewis Mirt E.
Runyon & Ogden Co.
Shapley & Wells
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Burgmaster Daniel, 70 Del av
Danforth Jno. W. Co. (Large), 70 Ellicott
Frontier Plumbing & Heating Co., 353 Ellicott
Herlan Geo. J., 132 Northampton
Knepper Jno. H. & Son, 501 Wash'n
Ruckel J. H. & Son, 81 Main
Smith Jno. D. Co., 12 B'way
Tallmage M. F., 80 Seneca
Waterman Waterbury Co., Root bldg
CHARLOTTE—Whitman R.
HOOSICK FALLS—Dorr C. M. Co.
JAMESTOWN—Chatfield & Sharp
LOCKPORT—Davenport, Mart & Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Apel Gustav E., 575 4th av
Bedford Heating Co., 1233 Atlantic av
Byrne Frank J., 1429 E 7th
Chapman Hiram W., 331 Vanderbilt av
Curtin Wm. H. Mfg. Co., 331 Adam
Dayton W. B. & Son, 291 Schermerhorn
Dayton & Montgomery, 9 Lafayette
Dean & Blake, 668 Fulton
Ficken Wm. H., 232 Robinson
Hinchman E. G. Co., 1263 Atlantic av
Hogle Albert P. Co., 1522 Flatbush av
Humphrey R. T., 811 Flatbush av
Ideal Heating Co., 915 Gates av
Jacobs Geo. P. & Co., 276 S 9th
Johnson & Co., 1477 Flatbush av
Leach Henry, 1103 Fulton
Moran R. J., 1307 Atlantic av
Morse Dry Dock & Repair Co., ft 56th
Murchison Jno. R., 1101 Flatbush av
Nagel Herman, 450 Bergen
O'Brien Edw. J. & Bro., 284 Rodney
Ostheimer Wm. H., 385 7th av
Phillips Doup & Co., 60 Pearl
Purvis & Shelton, 241 Plymouth
Roys System Co., 915 Gates av
Sanitary Heating Co., 233 37th
Scollay John A., 74 Myrtle av
Wilson Geo. W., 612 Myrtle av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th av
Almirall & Co., 1 Dominick
Anderson Richard, 277 W 117th
Bailey Wm. R., 96 Warren
Baker, Smith & Co., 576 Greenwich
Belmont Henry & Son, 103 Park av.
Boyd Jno. Plumbing, Heating Co., 284 Columbus av
Brower John, 302 W 13th
Callahan Michael J., 343 W 52d
Campbell & Smiley, Inc., 30 Church
Child & Scott Co., 112 Wooster
Cornell W. G. & Co., 45 E. 17th
Crooke Heating & Ventilating Co., 97 Warren
Cryer Return Line System, 18 E 41st
Dewey Engineering Co., 25 Hancock pl
Dobson Frank, 319 E 53d
Downey Wm. H., 52 William
Downs W. H., 337 W. 38th
Eccles John L. Co., 1 W 4th
Ellison & Co., 211 W 126th
Francis Bros. & Jellett (Inc.), 31 Madison av
Gibbons Jno. V., 133 Greenwich
Gillis & Geoghegan, 537 W B'way
Goble Frank N. (Power Plants), 1 E 42d
Graff Furnace Co., 61 Wooster
Greason Mfg. Co., 103 W 99th
Gunset Louis E., 2259 Ryer av
Hankin John & Bro., 550 W 25th
Hanner & Fredericks, 824 Amsterdam av
Hitchings & Co., 1170 B'way
Hodkinson S. M., 410 W 125th
Johnson & Morris, 538 W 23d
Johnston Heating Co., 131 E 26th
Kelsey Heating Co., 103 Park av
Kirk & Bimpson, 441 W 50th
Kroepke W. H., 383 College av
Lane Ira G. Co., 1077 3d av
Lee Heating Co., 3536 B'way
Leslie & Tracy, Inc., 1790 B'way
Lord & Burnham Co., 30 E 42d
McQuillen & Chave Inc., 198 11th av
Mason Wm. E., 416 E. 161st
Mechanical Equipment Co., 206 Centre
Merritt Jas. H. & Co., 244 Water
Miller Henry, 384 E 144th
Mulhern Steam Heating Co., 103 Park av
Olvany William J., 177 Christopher
Peterson N. F., 2525 3rd av
Quay Engineering Co., 470 4th av
Raisler Heating Co., 129 Amsterdam av
Ransom Stephen, 401 West
Rice Daniel J., 405 Lexington av
Robertson & Conry, 167½ E 115th
Rutzler Enoch Co., 404 E 49th
Schneider Chas. Co., 492 E 163d
Sherwood Lorenzo W., 117 Edgecombe av
Sinnott Peter, 967 E 165th
Skannel Elbert, 259 W 126th
Smith H. B. Co., 10 E 39th
Thompson-Starrett Co., 49 Wall
Tivy Lawrence, 13 Platt
Walker & Chambers, 222 E 41st St
Wallace Geo. J. Jr., 206 E 57th
Wear Frank M., 206 E 29th
Webster Warren & Co., 71 Murray
Wells & Newton Co., 292 Av B
Williams Roger, 120 W 32nd
Yockel Bros., 962 Washington av

Borough of Queens.

COLLEGE POINT—Reilly Engineering Co.
LONG ISLAND—Petry Jno. W. Co., 87 5th
OZONE PARK—Marasak Chas.

Borough of Richmond.

NEW BRIGHTON—Koehler F. D., 560 Richard ter

(End of New York City)

NORTH TONAWANDA—America District Steam Co. (Live & Exhaust Steam)
SYRACUSE—Bates Edw. P. Co.
Joy Edward Co.
Leavery Htg. & Ventilating Co., 306 E. Water
UTICA—Bates Edw. P.
WAVERLY—Denslow Heating Co.
YONKERS—Barr A. B. & Co.
Morris Thos., Jr. (Est. of)
Williams & Cullinan

NORTH CAROLINA.

GREENSBORO—Dick W. W. (Heating & Ventilating), Dept. H
McKenzie B.

NORTH DAKOTA.

CASSELTON—Casselton Hardware Co.
FARGO—Craig Bros.

OHIO.

CHILLICOTHE—Ringwald W. H. & Sons
CINCINNATI—Crane Co. of Chicago (Est. 1855), 824 B'way
Geerin Bros. & Co., 422 E 8th
Hammond Heating Co., 130 E Pearl
Kearney John & Co., 523 Ringgold
Love, Piket & Nuisen Co., 8th & Broadway
Nichol Thos. J. & Co., Pearl c Ludlow
Niemes Henry, 4112 Hamilton av
Peck, Anderson & Peck Co., Court & Sycamore
Schlemmer Oliver Co., 1060 Hulbert av
Stewart S. B., 306 Front Bellevue
Vance-Lucke Co., 416 Home
Williamson Heater Co., 339 W 5th
CLEVELAND—American Foundry & Construction Co., Citizens' bldg
American Heating Co., 7034 B'way, S E
Bartlett Bros. Co., 8506 Lake av, N. W.
Becker-Seidel Co., 324 Prospect av
Bowman E. R., 3211 Lorain
Chafer Co., 431 Champlain av, N W
Chappell-Warren Co., 1830 St. Clair
Crawford P. R. & Son, Williamson bldg
Crow & Wynn Heating Co., 4070 E 82d, S E
Cushman Person W., 7516 Decker av, N E
Holbrook M. G., The Arcade
Miles Heating & Ventilating Co., Park bldg
Mouat-Squires Co., 1246 W 4th
Paul Steam System, Hickox bldg
Pittsburg Piping & Equipment Co., American Trust bldg
Price & Walker, 707 Canal rd
Roemer J. Heating Co., 1803 E 22d
Thomson J. & A., 1232 W 11th
Van Sickle W. B., 707 Frankfort av

HEATERS (STEAM & HOT WATER)—c't.
OHIO—continued
COLUMBUS—Columbus Heating & Ventilating Co.
Ideal Heating Co., 16 E 1st av
MASSILLON—Justus Plumbing & Heating Co.
SANDUSKY—Brohl & Appell
TOLEDO—American Warming & Ventilating Co., 1017 Summit
Bryce Heating & Ventilating Co., The Spitzer
Burdick L. F. Co., 2011 Adams
Holmes-Landwehr Heating Co.
Shaw-Kendall Engineering Co.

OKLAHOMA.

MUSKOGEE—O'Connor Company
OKLAHOMA—Dolan Thomas Heating Co.

OREGON.

PORTLAND—Kendall Heating Co., 24 Front
McPherson W. G. Co., 19th & Wilson

PENNSYLVANIA.

ALLENTOWN—Hersh Bros. Co. (Also Blower Heating)
Miller J.
Taylor Wm. H. & Co.
BANGOR—Houck W. O.
BLAIRSVILLE—Tittle C. L.
BLUE BALL—Shirk P. E.
CONSHOHOCKEN—Bate Wm. T. & Son
EAST DOWNINGTOWN—Maxwell J. N.
EASTON—Stotz Bros.
HANOVER—Davison Heating & Cons. Co., 8 York, Hanover, Pa.
HARRISBURG—Froehlich Chas M.
HAZLETON—Hazleton Steam Heating Co.
JOHNSTOWN—Swank Hardware Co.
LANCASTER—Flinn & Breneman
Gutfleish A. A.
Musselman & Schwarz
Schaum John G.
NORRISTOWN—Boyer J. Frank Co,
PHILADELPHIA—Anderson W .M., 600 Schuylkill
Bachley C. F., 152 N 6th
Baizley John Iron Works, 514 S Delaware av
Barclay Alex M., 113 N 6th
Barnes Samuel W. & Son, 2104 N 6th
Bowers Bros. & Co. (Heating & Ventilating), 1629 Ludlow
Clark Bros., 1228 Locust
Cuff J. W. & Co., 2027 N 23d
Francis Bros. & Jellett, Real Estate Trust bldg
Germantown Steam Co., 349 W Hortter
Hartman G. W. Heating Co., 12th & Oxford
McClintock A., 1937 Ridge av
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate Works, 147 N 3d
Murphy Harry F. & Co., 1615 Sansom
Pancoast-Heiny B. Co., 950 N Front
Pennsylvania Engineering Co., 1119 N Howard
Phila. Hdw. & Malleable Iron W'ks, 9th & Jefferson
Phila. Steam Heating Co., Juniper & Cherry
Quigley Jas. J. & Son, 1342 Ridge av
Scott Robt, 1723 Ranstead
Smith John P., 148 N 7th
Taylor Frank W. & Son, 259 S 4th
Thompson Bros., Milnor
Trachsel John C. F., 230 Arch
Wanner Louis Jr., 1723 Ludlow
Wood James P. Heating Co., 239 N 4th
PITTSBURGH—Allegheny Heating Co., 603 Burd
Anderson-Darragh Co. (Ltd.), 3206 Penn av
Baker, Smith & Co., 131 Water
Bartley-Kennedy Co., 224 3d av
Briley C. A., 1003 Forbes
Burns, Fleming & Co., 815 Forbes
Higgins G. F. Co., Wabash bldg
Iron City Heating Co., 843 Jackson
McGinness Co., 320 Liberty
Mellott Furnace Co., 955 Liberty av
Pittsburgh Heating Co., 3 Wood
Schaffer John P., 108 Wood
Walker James J., 5422 Vine
POTTSTOWN—Sotter Bros.
POTTSVILLE—Leidich W. H.
READING—Keystone Heating Co.
Reading Heater & Supply Co.
Reading Steam Heat & Power Co.
ST. CLAIR—Quirin Jno. & Bro.
SCRANTON—Gaylord & Butler Co.
Gaylord & Eitapence Co. (see Binghamton, N. Y.)
Gunster Bros.
SHAMOKIN—Unger Warren
SOUTH BETHLEHEM—Dietrich H. A. R.
TOWANDA—Humphrey Mfg. Co.
WASHINGTON—Standard Sheet Metal Mfg. Co.
WEST CHESTER—James Bros.
WILKES-BARRE—Baab Frank
Backus Peter B.
Carpenter B. G. Co.
Turner & Vanscoy Co.
WILLIAMSPORT—Keeler E. Co.
Williamsport Steam Co.
YORK—Lindemuth Engineering Co.
Motter's Geo. F. Sons
York Engineering Co.
York Heating & Ventilating Co.

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co., 159 Aborn
Allen & Reed, 178 Dorrance
Cox & Stone, 74 Richmond
Fogerty Wm. J., 26 Peck
General Fire Extinguisher Co. (For Circulation)
Heath Wm. G. & Co., 60 Friendship
Putnam Foundry & Machine Co., 73 S Main
Sampson J. A., 10 Summer
Taft Machine Co., 229 Globe

SOUTH CAROLINA.

GREENVILLE—American Machine & Mfg. Co.

TENNESSEE.

CHATTANOOGA—Garnier Joe I.
Wilcox Tom Plumbing & Supply Co.
MEMPHIS—Harstick Heating Co.
Memphis Heating Co.
Pritchard Bros. Co.
Southern Heating Co.
NASHVILLE—Bouchard John & Sons Co.
Nashville Machine Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

CHARLOTTESVILLE—Thomas R. L. & Co. Inc. (Also Plumbing), E Main
NORFOLK—King F. E. Co.
Williams M. A.
RICHMOND—Beverly R. C. Heating Co., 9 No 7th
Longworth, W. P., Heating Co., 416 E Main
Thurston W. P. Co., 1103H S Main

WASHINGTON.

ABERDEEN—Elway Miller Co.
Potter F. M.
AUBURN—Ester W. E.
EVERETT—Schweitzer C. R.
NORTH YAKIMA—Reilly Daniel
Rish W. H.
Yakima Valley Heating & Plumbing Co.
Young & Donovan
PROSSER—O'Rourke J. P.
RAYMOND—Baker C. D.
SEATTLE—Allen W. D.
Brown S. E. & Co.
Eckart Plumbing & Heating Co.
Normile Simon
Rautman Plumbing & Heating Co.
West Coast Heating Co.

WEST VIRGINIA.

WHEELING—Kyle R. W. Co.

WISCONSIN.

GREEN BAY—Garot Bros.
MADISON—Mueller Co.
MILWAUKEE—Bayley Heating Supply Co., 131 Sycamore
Bowers W. A. Heating Co., 484 Market
Downey Heating & Supply Co., 615 Clybourn
Fox Chas. J., 1208 Grand av
Groeschel Jacob, 1513 Lloyd
Hoye Thos. E. Heating Co., 509 E Water
Kaufman-Haas Heating Co., 1117 23d
Lade Rudolph, 1730 Galena
Mueller Co., 168 Reed
Netz Edwin A., 463 27th
Pfeifer Mathias Heating Co., 314 18th
Phipps Furnace Co., 90 Oneida
Reich John, 628 Clark
Riemer Louis A., 650 3d
Smith Geo. H. Heating Co., 1109 Downer av
Striebel A. J. & Co., 52 2d
Wegner Bros. Co., 227 5th
Zuehlke Heating Co., 236 24th
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—American Heating Co.
WAUSAU—Wheeler A. B. & Son Co.

6062—Heating Devices (Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Fort-ified Mfg. Co., Gumbel bldg, Kansas City, Mo.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Wirt Co., Germantown, Phila., Pa.

6063—Heating (Green House)

Bates Edw. P., Co., Syracuse, N. Y.
Foskett & Bishop Co., New Haven, Conn.
Hitchings & Co., Dept. H, Elizabeth, N. J.
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
Lord & Burnham Co., 30 E 42d, New York
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Prox Frank Co., Terre Haute, Ind.
Reading Heater & Supply Co., Reading, Pa.
Reynolds James Co., 195 State, Rochester, N. Y.
Scollay John A. (Est. of) (Steam Heating), 74 Myrtle av, Brooklyn, N. Y.

6064—Heating Pads (Electric)

Amer Elec'l Heater Co. (Warming Pads), Detroit, Mich.
Electric Controller Co., 317 W Maryland, Indianapolis, Ind.
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
Fox Elec'l Corp., 119 W 42nd, New York
Goodwill Elec. Co., 59 E Van Buren, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill
Phelps Mfg. Co., 49 W Leonard, Detroit, Mich.
Reliance Heating Co., Columbia, Pa.
Russell Elect. Co. ("Hold-Heet"), 140 W Austin, Chicago, Ill.
Scientific Products Co., Steubenville, O.
Shaler C. A. Co., Waupun, Wis.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Slaughter Wm. E. Co. ("Parisian"), 1716 S Michigan av, Chicago, Ill.
Standard Electric Appliance Co., Beverly, N. J.
Sun Ray Mfg. Co., Oshkosh, Wis.
Wirt Co. ("Wirt"), 5221-7 Greene Gtn., Phila., Pa.

6065—Heating (Paul System of Steam)

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Fox Elec'l Corpn., 119 W 42nd, New York
Paul Andrew G. Co. ("Paul"), 141H Milk, Boston, Mass.

6065a—Heating Systems (Exhaust Steam)

McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Positive Differential System Co., 9 Murray, New York

6065b—Heating Systems (Fan)

Allen Engineering & Mfg. Co., Savannah, Ga.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.

6065c— *Heating Systems (Hot Water Hornung's Differential)

Hornung J. C., 343 S Dearborn, Chicago, Ill.

6066—Heating Systems (Hot Water, Self-Regulating)

Belknap Mfg. Co., Bridgeport, Conn.
D. & T. Mfg. Co. ("D. & T." System), 1911 Pine, St. Louis, Mo.
Reading Heater & Supply Co. ("Reading"), Reading, Pa
Schleit W. A. Mfg. Co. ("Wasco" Garage Heating), Syracuse, N. Y.

6066a—Heating System (Oil Heating)

Merrill Process Co., Old South bldg., Boston, Mass.

6067—Heating Systems (Vacuum)

Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Bishop & Babcock Co. ("B. & B." Vacuum Pump), 1204 E 55th, Cleveland, O.
Consolidated Engineering Co. ("Van Auken" System), 507 W Jackson blvd, Chicago, Ill.
Cryer Return Line System Co. (Cryer," System), 18 E 41st, New York
Eddy Engineering Co. ("Eddy"), Alpena, Mich.
Haines William S. & Co. ("Haines" Automatic), 12th & Buttonwood, Phila., Pa.
Illinois Engineering Co., W 21st & S Racine avs, Chicago, Ill.
Kellogg-Mackay Co. (Vapor System "K. M. C."), 419 W 18th, Chicago, Ill.
McAlear Mfg. Co. ("McAlear" System), 1901 S Western av, Chicago, Ill.
Moline Heat, Moline, Ill.
Monash-Younker Co. ("Monash" Thermostatic & Float Return Line Valves), 1407 W Jackson blvd, Chicago, Ill.
Morgan Clark System Co., 382 Exchange, Rochester, N. Y.
Paul Andrew G. Co. ("Paul"), 141H Milk, Boston, Mass.
Reading Heater & Supply Co., Reading, Pa.
Richardson & Boynton Co. (Vapor Vacuum System), 31 W 31st, New York
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Sarco Co. Inc. ("Sarco"), 8 Park pl, New York
Vacuum Heating Co. ("Trane"), Juniper & Cherry, Phila., Pa.
Vapor-Vacuum Heating Co. ("Kriebel" System Vapor Vacuum Heating), Otis bldg, Phila., Pa.
Webster Warren & Co. ("Webster"), Camden, N. J.

6068-9—Heating Systems (Vapor)

Boston Vapor Heating Co., 52 Chauncy, Boston, Mass.

Cox Abram Stove Co. ("Novelty"), American & Dauphin, Phila., Pa.
Doody Vapor Heating Co., Inc., The, 46 Cornhill, Boston, Mass.
Illinois Engineering Co., W 21st & S Racine avs, Chicago, Ill.
McAlear Mfg. Co., 1901 So Western av, Chicago, Ill.
Moline Heat (Moline System), Moline, Ill.
Mouat-Squires Co. ("Mouat"), 1246 W 4th, Cleveland, O.
Reading Heater & Supply Co. ("Reading"), Reading, Pa.
Roath Mfg. Co., Cherry & Canal, Akron, Ohio
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Sarco Co. Inc. ("Sarco"), 8 Park pl, New York
Trane Co., La Crosse, Wis.
Vapor Heating Co. ("Broomell"), North American bldg, Phila., Pa.

6070—Heating & Ventilating Engineers (Consulting)

Adams Henry, Calvert bldg, Baltimore, Md.
Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Barrus Geo. H., Pemberton bldg, Boston, Mass.
Bartlett Bros. Co., Cleveland, O.
Bierbaum-Dollar, Inc., Buffalo, N. Y.
Campbell & Lewis, Watertown, N. Y.
Chicago Incinerator Co., 320 E N Water, Chicago, Ill.
Clark, MacMullen & Riley, 101 Park av, New York
Cryer T. B. Co., 249 High, Newark, N. J.
D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
Danforth John W. Co., 70 Ellicott, Buffalo, N. Y.
Eddy Engineering Co., Alpena, Mich.
Edwards L. T., 18th S. 7th, Phila, Pa.
Elliott & Harman Engineering Co., 144 Fredonia av., Peoria, Ill.
Gordon Robert Inc., 407 Bessemer bldg, Pittsburgh, Pa.
Hersh Bros. Co., 645 Mill, Allentown, Pa.
Howard & Morse (Ventilation Only), 45 Fulton, New York
Kernchen Company, 332 S. Michigan av., Chicago, Ill.
Mackay W. M., 234 Water, New York
Mellish Hayward Co., 213 W Austin av, Chicago, Ill.
Monday Chas. E. & Co., 1318 Olive, Phila., Pa.
Osborn Engineering Co., 2848 Prospect av, Cleveland, Ohio
Pennsylvania Engineering Co., 1119 N Howard, Phila., Pa.
Quay Engineering Co., 470 4th av, New York
Sanitary Heating & Ventilating Co. Inc., Dept. H, Wysong & Miles, Greensboro, N. C.
Serrell & Schenck, 71 Murray, New York
Stebbings W. L., Monadnock blk, Chicago, Ill.
Sutton Frank, 140 Cedar, New York
Thompson-Starrett Co., 49 Wall, New York
Trane Co., La Crosse, Wis.
Woodbridge S. Homer, 171 Newbury, Boston, Mass.

Heating & Ventilating Engineers (Contracting)

See Heating Contractors, Steam & Hot Water

6071— Heels (Rubber)

A. & A. Rubber Co., Framingham, Mass.
Acme Rubber Heel Co., Elyria, O.
Armstrong Rubber Co., Garfield, N. J.
Atlantic Mfg. Co. ("Rubbestos," "Treadwell" "Pep-Step"), Wilmington, Del.
Atlantic Rubber Co., Linden, Boston, Mass.
Bailey C. J. & Co., ("Wont Slip"), 22 Boylston, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Comfort," "Eclipse," "Ease"), Cambridge, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Denmead Rubber Co., Akron, Ohio
Elastic Tip Co. ("Safety Tread"),370 Atlantic av, Boston, Mass.
Elyria National Rubber Heel Co., Elyria, O.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Foster Rubber Co. ("Foster," "Cat's Paw," "Tread-air," "Orthopedic"), 105 Federal, Boston, Mass.
Goodyear Tire & Rubber Co., Akron, O.
Hale, Alfred, Rubber Co. (Molded), Atlantic, Mass.
Heimbach Rubber Heel Co., Duluth, Minn.
Hill Rubber Heel Co., Elyria, O.
I. T. S. Rubber Co., Elyria, O.
James Mfg. Co., ("Gyro"), Cleveland, O.
O'Sullivan Rubber Co., 131 Hudson, New York
Panther Rubber Mfg. Co. ("Panther Tread"), Stoughton, Mass.
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Plymouth Rubber Co. ("Nerveze"), Canton, Mass.
Pneumatic Cushion Rubber Heel Co., 19 Lincoln, Boston, Mass.
Quabaug Rubber Co., North Brookfield, Mass.
Republic Rubber Corp., Dept. H, Youngstown, O.
Revere Rubber Co. ("Spring Step"), Chelsea, Mass.
Rubber Products Co., Barberton, O.
Taunton Rubber Co., Taunton, Mass.
Western Rubber Co., Goshen, Ind.

6072— Heels (Shoe, Wood)

Atlantic Wood Heel Co., 322 Van Buren, Brooklyn, N. Y.
Essex Wood Heel Co., Haverhill, Mass.
Fox Chas. K. Heel Co., Haverhill, Mass.
Haverhill Wood Heel Co., Haverhill, Mass.
Pentucket Wood Heel Co., Haverhill, Mass.
Ross Heel Co., South Easton, Mass.
Slipper City Wood Heel Co., Haverhill, Mass.

6073— Heliostate

Gaertner Wm. & Co. (Two Mirror), 5345 Lake Park av, Chicago, Ill.

6073a—*Helmets (Asbestos)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Wheeler F. H. Mfg. Co., 215 W Huron, Chicago, Ill.

6074—Helmets (Sand Blasting)

Betton J. M. ("Drucklieb"), 59 Pearl, New York
Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Multi-Metal Co. ("Pulmosan"), 251 W 19th, New York
National Helmet Co., 250 W 54th, New York
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Solderling Walter Co., Inc., 347 W. Broadway, New York
Tilghman-Brooksbank Sand Blast Co., 1126 S 11th, Phila., Pa.

6075—Helmets (Smoke & Ammonia)

See Also Respirators

Hayward S. F. & Co. ("National"), 250 W 54th, New York
Improved Aluminum Protector Co., 1103 Nth av, Waukegan, Ill.
Johnson A. W. V., Merchants Exchange, San Francisco, Cal.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Helmet Co. (Ammonia), 250 W 54th, New York
Protecto Safety Appliance Co. (Ammonia), 52 Columbia, Newark, N. J.
Rex-Harris Fire Appliance Co. (Smoke), 310 W 39th, New York
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Scientific Instrument & Elect. Mach. Co. (Fume Masks) Mechanicsburg, Pa.
Servus Rescue Equipment Co. ("Eveready"), 50 Columbia, Newark, N. J.
Siebe Gorman & Co. Ltd., Monadnock bldg, Chicago, Ill.
Solderling Walter Co., Inc., 347 W. Broadway, New York
Vajen Helmet Co., Richmond, Ind.

6076— Hematine

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Kuttraff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewis John D., 63 Charles, Providence, R. I.
National Gum & Mica Co. (Paste, Crystals, Powder, 59th & 11th av, New York

6077—Hemp & Jute Importers

Andrews Robert Co., 115 Franklin, New York
Fearon Brown Co., 96 Wall, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Hartmann Pacific Co. Inc., 80 Wall, New York
MacLeod & Co. (Hemp), 82 Beaver, New York.
Ralli Bros. (Jute), 11 William, New York

6077a— Hexachlorethane

Dow Chemical Co., Midland, Mich.

6078—Hexamethylenetetramine

Cleveland Cliffs Iron Co., Rockefeller, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Gray, Wm. S. & Co., 80 Maiden lane, New York
Greef R. W. & Co., 76 Front, New York
Merck & Co., 45 Park pl., New York
National Electrolytic Co. ("Niagara"), Niagara Falls, N. Y.

6079— *Highway Maintainers

STRAND & CO., Omaha, Neb.

6080— Hillers (Celery)

Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Empire Plow Co. ("Empire"), 3140 E. 65th, Cleveland, O.
Mason F. C. & Co. ("Mason"), St. Johns, Mich.
Ohio Cultivator Co. ("Little Giant"), Bellevue, O.

6081— Hillers (Potato)

Babcock Mfg. Co., Leonardsville N. Y.
Conner J. W. & Son, Orangeville, Pa.
Eddy W. Plow Co. ("Eddy"), Greenwich, N. Y.

6082— Hinge Mfrs.

Under this Heading see Sub-classifications

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Foundry & Mfg. Co., Frederick, Md.
Am. Tube & Stamping Co. (Pressed-Steel), Dept. H, Bridgeport, Conn.
Arcade Mfg. Co. (Brass), Freeport, Ill.
Art Hardware & Mfg. Co., Seattle, Wash.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Barrows Lock Co., Lockport, Ill.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
City Brass Works (Automatic Windshield), 1744 Carroll av, Chicago, Ill.
Coleman Hardware Co. ("Champion" & "J. G. C., Spring), 122 S Michigan av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Cowles C. & Co. (Malleable & Brass), New Haven, Conn.
Delaware Marine Mfg. Co., Wilmington, Del.
Detroit Shipbuilding Co. (Brass Department), Ft. Orleans, Detroit, Mich.
E. V. B. Mfg. Co. (Automobile), New Haven, Conn.
Eagle Lock Co. (Brass), Terryville, Conn.
Force Chas. E. & Son (Wrought Hinges), Madison, N. J.
Frantz Mfg. Co., Sterling, Ill.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel Butts, etc), St. Louis, Mo.
Keystone Friction Hinge Co. ("20th Century" Friction Hinge), Williamsport, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co. (Brass & Galvanized for Marine Use), Portland, Ore.
Lawrence Bros. (Also Special), Sterling, Ill.
Lawson Mfg. Co. ("Lawson" All Steel Surface & Jam Spring Hinges, Double Acting Floor Spring & Pivot Hinges Without Spring), 230 W Superior, Chicago, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
McKinney Mfg. Co. (Steel Butts, Strap & T), Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
New England Lock & Hinge Co. (Brass Finish & Tin), Winchendon, Mass.
Norwalk Lock Co., South Norwalk, Conn.
Parker Chas. Co., Meriden, Conn.
Parker Supply Co. (For Smoke-Pipes, Ducts, etc.), 735 E 135th, New York
Payson Mfg. Co. (Refrigerator), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Rixson Oscar C. Co., 4450 Carroll av, Chicago, Ill.
Root Chas. J. Co. (Wrought Brass), Bristol, Conn.
Rostand Mfg. Co. (Automobile & Windshield), Milford, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sanymetal Products Co., 978H E 64th, Cleveland, O.
Sargent & Co., New Haven, Conn.
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Sharon Hardware Mfg. Co., Sharon, Pa.
Shelby Spring Hinge Co. (Double Acting Floor), Shelby, O.
Smith Joseph N. & Co. (Automobile Doors), 2461 E Grand blvd, Detroit, Mich.
Standard Mfg. Co. ("Standard"), Shelby, Ohio
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. & Engine Co., Freeport, Ill.
Superior Spring Hinge Co., 136 W. Lake, Chicago, Ill.
Tiebout W. & J. (Cast Brass), 118 Chambers, New York
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.
Wilcox, Crittenden & Co., Inc. (Galvanized & Brass for Marine Trade), Middletown, Conn.
See adv index at end of book
Woodruff W. W. & Sons Co. (Carriage Door), Mount Carmel, Conn.
Wrightsville Hardware Co. (Shutter, Blind & Gate), Wrightsville, Pa.

6083—Hinges (Automobile Hood & Lamp)

Bossert Corp., The, cor Linden St & West av, Utica, N. Y.
Bronson Homer D. Co., Beacon Falls, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.

6084— Hinges (Awning)

Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

6084a— *Hinges (Back Flap)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084b—*Hinges (Bag & Suit Case)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084c—*Hinges (Ball-Bearing, Steel Butt)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084d—Hinges (Bed, Lounge)

Stanley Works, New Britain, Conn.
See adv index at end of book

6085— Hinges (Beer Case)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
20th Century Machinery Co., 425 E Water, Milwaukee, Wis.

6086—Hinges (Blind & Shutter)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Austin & Eddy, 117 Broad, Boston, Mass.
Enterprise Foundry Co., Rochester, N. Y.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. ("Lull & Porter," "Scholl" Reversible Safety), Mt. Joy, Pa.
Lawrence Bros. (Wrought Steel Inside Blind), Sterling, Ill.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Orr, Galen & Co., Needham, Mass.
Parker, Chas. Co., Meriden, Conn.
Parker Wire Goods Co. ("Hale" & "Benjamin" Automatic Blind), Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron Shutter), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Streeter N. R. & Co. ("Huffer" Spring), Rochester, N. Y.
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hardware Co. ("Shepard's" "Niagara," "Clark's" "Buffalo," "Champion," "Pioneer," "Empire" & Mortise Gravity-Locking Blind Hinges & "O.S.," "Acme" & "Queen City" Shutter Hinges), Wrightsville, Pa.

6087— Hinges (Box)

Acme Steel Goods Co., 2834 Archer av., Chicago, Ill.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
CARY MFG. CO. (Crate, Box, etc), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Columbia Hardware Co., Cleveland, O.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
LUDWIG A. & CO., 75 Spring, New York
Ryan M. C. Co. ("Ryan," for Fruit & Egg Boxes & Crates, etc), Phoenix, N. Y.
STANLEY WORKS ("Atwood," Wrought Steel Hinges & Fasts), New Britain, Conn. *See adv index at end of book*
Williams F. B. Co. (Double Joint, for Bottler of Boxes, etc), 507 E 39th, Chicago, Ill.

6088— Hinges (Box Stall)

Lynn Stall Co., Lynn, Mass.

6089— Hinges (Butt)

Atlas Mfg. Co. ("Bradley" Steel), New Haven, Conn.
Barrows Lock Co., Lockport, Ill.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Bayer Gardner-Himes Co., 101 Park av, New York
Bronson Homer D. Co. (Wrought Brass), Beacon Falls, Conn.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co.,, Dayton, O.
Dent Hardware Co. (Fast or Loose Joint), Fullerton, Pa.
Detroit Shipbuilding Co. (Brass Department), ft. Orleans, Detroit, Mich.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Griffin Mfg. Co. (Steel), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze Metal), St. Louis, Mo.
Laughlin Thos. Co. (Malleable Iron & Brass), Portland, Me.
See adv index at end of book
Lawrence Bros. (Wrought Steel, Loose Pin, Narrow, Reversible, Surface, etc.), Sterling, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
National Lock Co. (Brass & Brass Plated Cabinet), Rockford, Ill.
National Mfg. Co. (Wrought Steel, Ornamental, Surface, Narrow, Reversible, etc.), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Penn Hardware Co. (Bronze Cast), Reading, Pa.
Plume & Atwood Mfg. Co. (Brass, Wrought Brass), Waterbury, Conn.
Racine Metal Stamping Co. ("Racine" Spring), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Root Chas. J. Co. (Wrought Brass), Bristol, Conn.
Russell & Erwin Mfg. Co. (Brass, Bronze, etc.), New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sargent & Co., New Haven, Conn.
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Sharon Hardware Mfg. Co. (Wrought Steel Door, Cupboard, etc, Ornamental Surface, Half-Surface. Also Loose Pin), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.
Tiebout W. & J, (Cast Brass), 118 Chambers, New York
Waterbury Brass Goods Corporation (Brass), Waterbury, Conn.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.

6089a— Hinges (Cabinet)

Corbin Cabinet Lock Co., New Britain, Conn.
Grand Rapids Brass Co. (& Wardrobe), Grand Rapids, Mich.
See adv index at end of book
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
McKinney Mfg. Co., Locust, Phila., Pa.
Nat'l Brass Co., Grand Rapids, Mich.
Stanley Works, New Britain, Conn.
See adv index at end of book

6090—Hinges (Casement Window)

Ellison Brass Mfg. Co., Jamestown, N. Y.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
STANLEY WORKS ("Eschweilers Patent"), New Britain, Conn
See adv index at end of book
Steiner & Voegtly Hdwe. Co. (Geisey's"), 230 Diamond, Pittsburgh, Pa.
Whitney Window Corp., Minneapolis, Minn.

6091— Hinges (Cellar Door)

Griffin Mfg. Co., Erie, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6092— Hinges (Chest)

Brainerd Mfg. Co. (Also Cabinet), East Rochester, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6093— Hinges (Cigar Box)

Ludwig A. & Co., 75 Spring
Schoenhut A. Co., Sepviva & Adams, Phila., Pa.

6094— Hinges (Closet Seat)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Attwood Brass Works, Grand Rapids, Mich.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Burlington Brass Works, Burlington, Wis.
Chicago Spring Butt Co. (Spring), 1500 Carroll av, Chicago, Ill.
Columbus Brass Co., 528 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Haydenville Co., Haydenville, Mass.
Kretschmer Mfg. Co., Dubuque, Ia.
McLane Mfg. Co., Milford, N. H.
Miller, Chas. A. Co. (Offset, Two & Three Leaf, etc.), Sturgis, Mich.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Pickering R. S., Sharon Hill, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Sherwood Brass Wks. ("Climax"), 1167 Jefferson E., Detroit, Mich.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Union Metal Works, Chelsea, Mass.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

6094a— *Hinges (Concealed)

Stanley Works (For Auto Doors), New Britain, Conn.
See adv index at end of book

6095— Hinges (Continuous)

Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Brass Goods Corporation (Piano), Waterbury, Conn.

6095a—*Hinges (Corrugated)

Stanley Works, New Britain, Conn.
See adv index at end of book

6096— Hinges (Crate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Stanley Works, New Britain, Conn.
See adv index at end of book

6097—Hinges (Drain Board)

Trenton Brass & Machine Co., Trenton, N. J.

6098— Hinges (End Gate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6099—Hinges (Engine House)

Berry Chas. E. ("Berry" Door Hinge for Fire Depts., etc), Somerville, Mass.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.

6100-1— Hinges (Extension)

Dent Hardware Co., Fullerton, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*

6102—Hinges (Fire Shutter)

Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

6103— Hinges (Floor)

Allith-Prouty Co. ("Prouty" Adjustable Double Acting Ball & Roller Bearings, "Squaw"), Danville, Ill.
Bommer Spring Hinge Co. (Spring Surface, Horizontal Compression Type), 263 Classon av, Brooklyn, N. Y.
Champion Hardware Co. ("Champion" Ball Bearing), Geneva, O.
Chicago Spring Butt Co. (Ball Bearing, Double Acting), 1500 Carroll av, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Lawson Mfg. Co. ("Lawson" Ball Bearing All Steel Surface Floor Spring), 230 W Superior, Chicago, Ill.
Racine Metal Stamping Co. ("Racine" Surface Floor Spring & Cup Floor Spring), Racine, Wis.
Russell & Erwin Mfg. Co. ("Russwin" Double Acting Spring), New Britain, Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinige Co. ("Shelby Chief" Double Acting Spring, Ball Bearing, etc), Shelby, O.
Standard Mfg. Co. ("Standard"), Shelby, O.
Stover Mfg. & Engine Co. ("New Ideal" Double Acting), Freeport, Ill.
Superior Spring Hinge Co. ("Superior" Surface Spring), 136 W Lake, Chicago, Ill.

6104— Hinges (Friction)

Keystone Friction Hinge Co., Williamsport, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

6105— *Hinges (Garage)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6106-7-8— Hinges (Gate)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Chicago Spring Butt Co. (Spring), 1500 Carroll av, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co. ("Clarks" Reversible Hinge & Latch, "Donegal," "Self-Closing," All with Latch), Mt. Joy, Pa.
Griffin Mfg. Co. (End Gate), Erie, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Lawrence Bros. (End Gate), Sterling, Ill.
Parker Chas. Co., Meriden, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Wolf C. K. (Adjustable), Xenia, O.
Wrightsville Hardware Co. ("Shepherd's" or "Clark's" Reversible & Self-Closing Hinges & Latches), Wrightsville, Pa.

6109— Hinges (Invisible)

Braun J. G., 609 S Paulina, Chicago, Ill.
Soss Mfg. Co., Grand av, Brooklyn, N. Y.

6110— Hinges (Mirror)

Eagle Lock Co., Terryville, Conn.

6111— Hinges (Office Gate)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Spring), 1560 Carroll av, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Dent Hardware Co., Fullerton, Pa.
Griffin Mfg. Co., Erie, Pa.
Sanymetal Products Co., 978H E 64th, Cleveland, Ohio

6112— Hinges (Ornamental)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

6113—Hinges (Piano & Organ)

Bronson Homer D. Co. (Brass), Beacon Falls, Conn.
Oakville Co. ("Oco"), Piano Only, Waterbury, Conn.
Ramsey Chas. Co., Kingston, N. Y.
SCOVILL MFG. CO. (Double Acting), Waterbury, Conn.
See adv index at end of book

6114— Hinges (Pivot)

Lawson Mfg. Co. ("Lawson"), 230 W Superior, Chicago, Ill.

6115— Hinges (Plate)

American Ring Co., Waterbury, Conn.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg Co. (Wrought Steel Japanned), St. Louis, Mo.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
STANLEY WORKS (Roller), New Britain, Conn. *See adv index at end of book*

6115a— Hinges (Post)

Wilcox Crittenden Co., Middleton, Conn.
See adv index at end of book

6116— Hinges (Refrigerator)

Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Brey & Krause Mfg. Co., Allentown, Pa.
DENT HARDWARE CO., Fullerton, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich.
See adv index at end of book
Greene, Tweed & Co., 109 Duane, New York
Hager C. & Sons Hinge Mfg. Co. (Ornamental Wrought Steel), St. Louis, Mo.
Mound Tool Co. (Malleable Iron & Crucible Steel), 1203 S 7th, St Louis, Mo.
Nat'l Refrigerators Co., 827 Koeln av, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel & Brass Plain & Corrugated & Wrought Steel Ball Bearing), New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

6117-8—Hinges (Screen Door)

Allith-Prouty Co. ("Prouty" & "King"), Danville, Ill.
Arcade Mfg. Co. ("A-C" & "Arcade"), Freeport, Ill.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Burgess & Norton Mfg. Co. (Ralph's Combination Reversible, for Screen & Storm Doors), Geneva, Ill.
Champion Hardware Co. ("Champion," "Geneva 600" & "7-11" Loose Pin," "Olympia," "Sampson" & "Buffalo"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Chicago Spring Butt Co. (Spring), 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co. ("Columbian," "Columbia" & "Acorn"), Cleveland, O.
Diehl Novelty Co. ("Diehl"), Glen Beulah, Wis.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. ("None-Hold Back"), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros (Steel), Sterling, Ill.
National Mfg. Co., Sterling, Ill.
Oliver Iron & Steel Co. (All Steel), S 10th & Muriel, Pittsburgh, Pa.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Rock City Mfg. Co. ("Jiffy" Detachable), Wabash, Ind.
Russell & Erwin Mfg. Co., New Britain, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.
Shelby Spring Hinge Co ("Buckeye," "Shelby" Detachable, Adjustable), Shelby, O
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.
Wagner Mfg. Co. ("Wagner," Screen & Storm Door Butts), Cedar Falls, Ia.

6119—Hinges (Screen Door, Holdback)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Columbian Hardware Co., Cleveland, O.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.

6120—Hinges (Screw Hook & Eye)

Auer John J. (Wrought), 197 Middleton, Brooklyn, N. Y.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6121-2—Hinges (Screw, Hook & Strap)

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Frantz Mfg. Co., Sterling, Ill.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Lawrence Bros., Sterling, Ill.
McKinney Mfg Co., Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6123— Hinges (Showcase)

Columbian Hardware Co., Cleveland, O.
Russell & Erwin Mfg. Co., New Britain, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Shelby Spring Hinge Co., Shelby, O.

Hinges (Shutter)

See Hinges, Blind & Shutter

6124—Hinges (Spring, Bank & Office Railing)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book

6125— Hinges (Spring Butt)

Bayer Gardner-Himes Co. ("Awl-in-Wun"), 191 Park av, New York
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Single & Double Acting Triplex, etc), 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Shelby Spring Hinge Co. ("Shelby"), Shelby, O.

6126—Hinges (Spring, Closet Door)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co. (Double Acting Spring), Edwardsville, Ill.
Sanymetal Products Co., 978H E 64th, Cleveland, Ohio

6127— Hinges (Spring Door)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co. ("Triplex" Spring), 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Crans W. S. (Vanishing), Washington, Ind
Lawson Mfg. Co. ("Lawson"), 230 W Superior, Chicago, Ill.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Scovill Mfg. Co. (Brass), Waterbury, Conn. *See adv index at end of book*
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co., Shelby, O.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Superior Spring Hinge Co. ("Superior" Surface Floor Ball Bearing), 136 W Lake, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6128—Hinges (Spring, Double Acting)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Barlow Foundry Co. ("Cowell's"), 551 N. J. R. R. av, Newark, N. J.
Champion Hardware Co., Geneva, O.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dayton Mfg. Co., Dayton, O.
Lawson Mfg. Co. ("Lawson" Reinforced Single & Double Acting, Also Double Acting Ball Bearing, Mortise Floor), 230 W Superior, Chicago, Ill.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Sanymetal Products Co., 978-988H E 64th, Cleveland, Ohio
Shelby Spring Hinge Co., Shelby, O.
Standard Mfg. Co. ("Standard" Checking), Shelby, O.
Stover Mfg. & Engine Co. ("New Ideal" Jaw Hinges), Freeport, Ill.
Superior Spring Hinge Co. ("Superior"), 136 W Lake, Chicago, Ill.
Western Brass Mfg. Works (Cast Brass, Nickel Plated, etc), Marshall blvd & W 21st, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6129—Hinges (Spring, Iron Railing Makers')

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.

6130—Hinges (Spring, Lavatory)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
Greenberg's M. & Son (Nickeled), 225 Beale, San Francisco, Cal.
Lawson Mfg. Co. ("Lawson" Brass or Bronze, All Finishes), 230 W Superior, Chicago, Ill.
Sanymetal Products Co., 978H E 64th, Cleveland, O.
Sargent & Co., New Haven, Conn.

6131-2-3—Hinges (Spring, Marble Work)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co. (Double Acting, etc), Edwardsville, Ill.
Sanymetal Products Co., 978H E 64th, Cleveland, O.

6134-5-6—Hinges (Spring, Safe Makers')

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.

6137—Hinges (Spring, Wrought Brass & Bronze Door)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.

6138-9—Hinges (Spring, Wrought Steel)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Hager C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., Metropolitan & Liverpool, Pittsburgh, Pa.
Reading Hardware Co., Reading, Pa.

6139— Hinges (Stay)

Eagle Lock Co., Terryville, Conn.

Hinges (Storm Window)

See Hangers, Storm Sash & Screen

6140— Hinges (Strap & T)

American Shovel & Stamping Co., Lorain, O.
Atlas Mfg. Co. ("Atlas" Strap), New Haven, Conn.
Frantz Mfg. Co., Sterling, Ill.
Griffin Mfg. Co. (Pressed Steel), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Oliver Iron & Steel Co. (Strap Only), S 10th & Muriel, Pittsburgh, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel, Plain & Corrugated), New Britain, Conn.
See adv index at end of book
Wilcox, Crittenden & Co., Inc. (Strap Only), Middletown, Conn.
See adv index at end of book

6140a— *Hinges (Suit Case)

Stanley Works, New Britain, Conn.
See adv index at end of book

6141— Hinges (Surface)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Son Hinge Mfg. Co. (Ornamental Wrought Steel), 2447H De Kalb, St. Louis, Mo.
Lawrence Bros. (Ornamental), Sterling, Ill.
Lawson Mfg. Co. ("Lawson" All Steel Floor & Jam Spring), 230 W Superior, Chicago, Ill.
National Mfg. Co. (Ornamental), Sterling, Ill.
Sharon Hardware Mfg. Co. ("Sharon Beauties"), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS (Surface & Half Surface), New Britain, Conn.
See adv index at end of book

6142—Hinges (Surface Floor)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.

6143— Hinges (Table)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6143a—*Hinges (Tail Board)

Stanley Works, New Britain, Conn.
See adv index at end of book

6143b— *Hinges (Trunk)

STANLEY WORKS ("Hart's" Wrought), New Britain, Conn.
See adv index at end of book

6143c— *Hinges (Wardrobe)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6144— Hinges (Wash Tray)

Hager C. & Sons Hinge Mfg. Co., St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

6144a—*Hinges (Washing Machine)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6145— Hinges (Wire)

Pickering R S. (Box), Sharon Hill, Pa.
Reading Hardware Co., Reading, Pa.
Smith F. P. & Co. (Wire Box), Sharon Hill, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6145a—*Hinges (Wrought Brass, Corrugated)

Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6146—Hinges (Wrought Steel Butt)

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hager C. T. Sons Hinge Mfg. Co., St. Louis, Mo.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Penn Hardware Co., Reading, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York

6146a— *Hitches (Rope)

MYERS F. E. & BRO., 900 4th, Ashland, O. *See adv index at end of book*

6147— Hitchings (Mine Car)

American Chain Co., Bridgeport, Conn.
Fleming J. R. & Son Co., Scranton, Pa.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Macwhyte Co. ("Monarch"), Kenosha, Wis.
Nicholson & Co., Rankin, Pa.
Niles Mine & Mill Supply Co. (Clevis & Hook), Cleveland, O., & Niles, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co. ("Harris"), Ridge & Chateau, Pittsburgh, Pa.
Pressed Steel Car co., 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.
Stine S. B., Osceola Mills, Pa.
United Iron Works, Inc., Kansas City, Mo.
Valley Forging Co., Vernon, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

6148— Hitchings (Screw)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6149— Hobs (Bolt Cutter)

Card S. W Mfg. Co., Mansfield, Mass.
Ellison Bros., Frankford, Philadelphia, Pa.
Wicaco Screw & Mach. Wks., 4801H Stanton av, Phila., Pa.

6150— Hobs (Die)

Brubaker W. L. & Bros. (Solid), Millersburg, Pa.
Carpenter J. M. Tap & Die Co. (Solid, Open Sellers), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D"), Greenfield, Mass.
See adv index at end of book
Pratt & Whitney Co., Hartford, Ct.

6151— Hobs (Gear)

Barber-Colman Co. (Spline Shaft Ratchet & Sprocket), Rockford, Ill.
Brown & Sharp Mfg. Co., Dept. H, Providence, R. I.
Cleveland Cutter & Reamer Co. The, 1619 Merwin av, Cleveland, O.
MEISELBACH-CATUCCI MFG. CO., 56 Stanton, Newark, N. J.
See adv index at end of book
National Tool Co., Cleveland, O.
See adv index at end of book
Wicaco Screw & Mach. Wks., 4801H Stanton av, Phila., Pa.

6152— *Hobs (Long Taper)

GREENFIELD TAP & DIE CORP. ("G. T. D"), Greenfield, Mass.
See adv index at end of book

6153— Hobs (Worm)

Barber-Colman Co., Rockford, Ill.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co. The, 1619 Merwin av, Cleveland, O.
Gould & Eberhardt, 97 N. J. R. R. av, Newark, N. J.
Morey & Co., Inc., 46 Church, New York
See adv index at end of book
NATIONAL TOOL CO. (Also Spur Gear), Cleveland, O. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Union Twist Drill Co., Athol, Mass.

6154— Hods (Coal)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. ("Puritan," "Central" Galvanized & Japanned, etc), 174 Fulton, N. Y.
Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Franklin Galvanized Ware Mfg. Co. ("Handy") Franklin, Ind.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Kreamer A., Inc., 307 Kent av, Brooklyn, N. Y.
Lisk Mfg. Co. (Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Galvanized Iron), Middletown, Conn.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Philadelphia, Pa.
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned, Also for Railroads), Wheeling, W. Va.

6155-6—Hods (Mortar and Brick)

Anderson W. H. Tool & Supply Co. (Wood), 184 Brush, Detroit, Mich.
Berg Johnson Mfg. Co., 5001 S Wells, Chicago, Ill.
Chesebro, Whitman Co., 1167 1st av, New York
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. ("Iron Clad," "Never Drip" & "Hercules" Steel), 1231 E 38th, Cleveland, O.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Lansing Co., Lansing, Mich.
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.

Hods (Steel)

See Hods, Mortar & Brick

6157— Hoe Mfrs.

See also Hoes (Steel)

American Axe & Tool Co. (Grub), Glassport, Pa.
American Fork & Hoe Co. ("True Temper," "Mississippi," "Sandwich Islands," "Texas," "Crescent," "Giant," Boys, Field, Garden, Mortar Mixer, Ladies' Cultivator, Planters, Onion Weeders, Turnip Weeding, etc.), Swetland bldg., Cleveland, O.
American Shovel & Stamping Co., Lorain, Ohio
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Collins Co., Collinsville, Conn.
Cronk & Carrier Mfg. Co. (Weeding & Garden), 150 Lake, Elmira, N. Y.
See adv index at end of book
Hussey Plow Co., North Berwick, Me.
Iron City Tool Works (Grub Palmetto, etc.), 3201H Smallman, Pittsburgh, Pa.
Klein-Logan Co. (Grub, Palmetto, etc), 13th & Breed, Pittsburgh, Pa.
Kohler F. E. Co. (Garden, Field & Weed), Canton, O.
Mann Jas. H. Co. (Planters), Lewistown, Pa.
Maynard C. A. (Planters), Northampton, Mass.
North Wayne Tool Co. (The C. C. Brooks), Hallowell, Me.
Owensboro Shovel & Tool Co. (Goose Neck Cotton, Planter, Garden, Southern Meadow, etc), Owensboro, Ky.
Parlin & Orendorff Co. ("P & O" Rotary), Canton, Ill.
Sandusky Tool Co. (Planters, Grub, Grape, Tobacco, Rice, Cane, Cotton, Street Cleaning, etc), Sandusky, O.
Scovil D. & H. ("Scovil" Hoes), Higganum, Conn.
Smith Jno. C. Hoe & Tool Co. ("Smith" & "Daisy"), Evansville, Ind.
Syracuse Chilled Plow Co. (Berry & Potato), Syracuse, N. Y.

Union Fork & Hoe Co. ("Faultless," "Smith's," "Rhode Island," "Kalamazoo," "Louisiana" & "Texas," "Meadow-Monarch" Field, Cotton, Garden, Mortar Mixing, Planters, Chopper & Shuffle), Columbus, O.
Union Furnace Mfg. Co. (Malleable Iron), Union Furnace, Pa.
Wallingford Mfg. Co. (Garden, Cotton, Planters, etc), Wallingford, Vt.
Warren Tool & Forge Co. (Grub, Hazel, Palmetta), Warren, O.
See adv index at end of book
Warwood Tool Co. (Grab & Hazel), 19th, Warwood, Wheeling, W. Va.

6158—Hoes (Asphalt Patching)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

6159— Hoes (Cultivator)

American Fork & Hoe Co. (5 Prong), Swetland bldg., Cleveland, O.
Cronk & Carrier Mfg. Co. ("Cronk"), 150 Lake, Elmira, N. Y.
See adv index at end of book
Norcross C. S. & Sons ("Norcross" 3 & 5 Prong Garden), Bushnell, Ill.

6160—Hoes (Garden, Wheel)

Allen S. L. Co., 5th & Glenwood), Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Lousiville, Ky.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co. ("Gem," "Iron Age"), Grenloch, N. J.
Everts Mfg. Co. ("Improved Meridian"), Meridian, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hussey Plow Co., North Berwick, Me.
Moline Plow Co. ("Empire"), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Niemann & Hieronymus (Rotary), Mt. Olive, Ill.
Ohio Cultivator Co. ("Climax," "Dexter," "Skaboo"), Bellevue, O.
Thornburg Mfg. Co. ("Toledo"), Bowling Green, O.

Hoes (Grub)

See Picks, Mattocks & Grub Hoes

6161— Hoes (Horse)

Adams S. & Son, Rome, N. Y.
Allen S. L. & Co. ('Planet, Jr."), 5th & Glenwood, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Benecia Agricultural Works, Benecia, Cal.
Empire Plow Co., 3140 E 65th, Cleveland, Ohio
Hussey Plow Co. (Potato), N. Berwick, Me.

6162— Hoes (Motor)

Wallingford Mfg. Co., Wallingford, Vt.

6163— Hoes (Onion)

Clark W. J. Co., Salem, O.

6164— Hoes (Scuffle)

Potter Mfg Co., Geneva, O.
Union Fork & Hoe Co. (Railroad, Garden, etc), Columbus, O.

6164a— *Hoes (Steel)

See also Hoe Mfrs.

Warren Tool & Forge Co., Warren, O.
See adv index at end of book



The Warren Tool & Forge Co.
Warren, Ohio, U. S. A.

6165— Hogs (Saw Mill)

Bartlett A. F. & Co., Saginaw, Mich.
Charleston Dry Dock & Machine Co., Charleston, S. C.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Manistee Iron Works Co., Manistee, Mich.
MITTS & MERRILL, 1939 S Water, Saginaw, Mich.

6166— Hogsheads

American Stave & Cooperage Co., Chelsea, Mass.
Armer Clarence H. & Bro., Augusta, Ky.
Baltimore Cooperage Co., The (For Wine Mfrs.), Ostend & Leadenhall, Baltimore, Md.
Fridman Lumber Co., New Richmond, O.
Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.
Mayfield Planing Mills, Mayfield, Ky.
Ryan John (Estate of), Hoboken, N. J.
Waller Mfg. Co. (Tobacco), Lexington, Ky.
Williams S. C. & Co., East Liverpool, O.

6166a— *Hoists (Air)

Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
Northern Engineering Co., 9 Chene, Detroit, Mich.
Whiting Corp., Dept. H, Harvey, Ill.

Hoists (Air Cylinder)

See Pneumatic Hoists

Hoists (Air Motor)

See Pneumatic Hoists

6167— Hoists (Ash)

American Engng. Co., Aramingo & Cumberland, Phila., Pa.
Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Dake Engine Co., Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Ernst, Chas. K., Buffalo, N. Y.
Hyde Windlass Co., Bath, Me.
Insley Mfg. Co. (Automatic Dumping Bucket), 3500 E St. Claire, Indianapolis, Ind.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
New Jersey Foundry & Machine Co., "Delta," 89 West, New York
Northern Engineering Works (For Power Plants), 9 Chene, Detroit, Mich.
Republic Struc'l Iron Wks. Co., 350 E 53rd, Cleveland, O.
Robins Conveying Belt Co., 13 Ann, New York
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.
Specialty Device Co., 106 W 3rd, Cincinnati, O.
SPEIDEL JOHN G. (Cellar), Reading, Pa. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E. 136th, New York.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

6168— Hoists (Ash Can)

Ernst C. K., Buffalo, N. Y.
Gillis & Geoghegan ("G. & G."), 537 W B'way, New York

6169—Hoists (Auto, Dump Body Operating)

Hydraulic Hoist Mfg. Co., St. Paul, Minn.
Lally Commercial Body Co., Everett Mass.
Lee Loader & Body Co., 2343 S La Salle, Chicago, Ill.
Miesel Press Mfg. Co. (Hand), 942 Dorchester av, Boston, Mass.
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.
Wright Thos. Co., 71 Colden, Jersey City, N. J.

6170— Hoists (Beef)

Allbright-Nell Co. (Friction for Packing Houses, etc), 5315 Western av, Chicago, Ill.
Treece W. C. & Co. ("Peerless" for Slaughtering Beef, etc), Findlay, O.

6171-2-3— Hoists (Belt)

See also Engines, Hoisting

American Hoist & Derrick Co. (Double Friction Drum), St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Clyde Iron Works Sales Co. (Friction Drum, etc), Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
English Iron Works Co. ("Samson" Double & Single Friction Drum), Kansas City, Mo.
Erie Clutch & Pulley Co., Erie, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
National Hoisting Engine Co. (Single & Double Friction Drum, etc.), Harrison, N. J.
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
See adv index at end of book
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
South St. Louis Foundry Co., 7514 S B'way, St. Louis. Mo.
Street Bros. Mach. Wks., Chattanooga, Tenn.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
United Iron Wks., Kansas City, Mo.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

Hoists (Blast Furnace)

See Hoists, Steam

Hoists (Body- Dumping)

See Hoists, Auto, Dump Body Operating

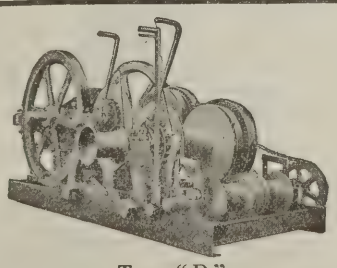
Hoists (Builders')

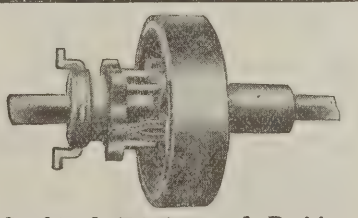
See Hoists, Contractors' Material; also Elevators, Hod

6174—Hoists (Builders' Electric)

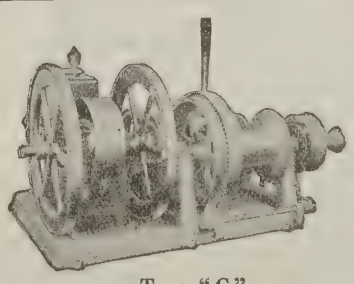
See also Hoists, Electric

BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book


Type "D"
Double Drum with Boom Swinger for Derrick Hoist


Combined Friction and Positive Clutch. The Only Clutch of Its Kind on the Market

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Contractors' Reversible Hoist

O. K. Clutch & Machinery Co. : Columbia, Pa.

Chain-Hand Made of Iron, Machine Made of Steel
Red Line Chain Hoists



Green Head Jack Screws

MANUFACTURED BY

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37 PEARL STREET BOSTON, MASS.

HOISTS (BUILDERS' ELECTRIC)—cont.

Clyde Iron Works Sales Co. (Also Belt, Steam & Gasoline), Duluth, Minn.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Northern Engineering Works, 9 Chene, Detroit, Mich.
O. K. Clutch & Machinery Co. ("O.K.") Columbia, Pa.
See adv index at end of book
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

6175— *Hoists (Cableway)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

6175a— Hoists (Cargo)

Bacon & Matheson Forge Co. (Special, Single Whip), 17H W Lander, Seattle, Wash.
Dake Engine Co, Grand Haven, Mich.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
See adv index at end of book
Hallidie Co. (Dealers), Spokane, Wash.
See adv index at end of book
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.

6176— *Hoists (Cellar)

Curran, Jos. H., Elevator Co., 116 W. Second, Cincinnati, Ohio.
SPEIDEL JOHN G. ("Speidel" Vertical & Inclined), Reading, Pa.
See adv index at end of book

6177-8— Hoists (Chain)

See also Pneumatic Hoists

Abell Howe Co. (Block), 332 S Michigan, Chicago, Ill.
Blethen Hugh R., 21 Park Row, New York
Boston & Lockport Block Co. ("Star"), 100 Condor, East Boston, Mass.
Box Alfred & Co., 813 N Front, Phila., Pa.
Channon Jas. H. Mfg. Co. ("Union," "Weston" Differential), 227H W Erie, Chicago, Ill.
Chisholm Moore Mfg. Co. ("Cyclone" High Speed, "Moore's" Anti-Friction, with Automatic Brake, Direct Differential), 5046 Lakeside av, Cleveland, Ohio
Curtis & Co. Mfg. Co. (Pneumatic), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dunn Jas. P. ("Bailey"), Cleveland, O.
Ford Chain Block & Mfg. Co. ("Tribloc"), 2nd & Diamond, Phila., Pa.
GODFREY-KEELER CO., 70 Warren, New *See adv index at end of book*
Harrington Edwin Son & Co. ("Peerless"), 17th & Callowhill, Phila., Pa.
HOBBS CLINTON E. CO. ("Weston" "Red Line," Differential), 33 Patten, Boston, Mass.
Irving Mfg. & Tool Co., 157 Chambers, New York
Lakeside Bridge & Steel Co., 402 Villard av, N Milwaukee, Wis.
Moore Franklin Co. ("Acme," "Imperial," ¼ to 20 tons), Winsted, Conn.
New Jersey Foundry & Machine Co., "Delta." 89 West, New York
Northern Engineering Works ("Electric"), 9 Chene, Detroit, Mich.
READING CHAIN BLOCK CORP., Reading, Pa. *See adv index at end of book*
Round D. & Son, Penn R. R. & Henry, Cleveland, Ohio
Ryerson Jos. T. & Son, 910 Corn Exch. bldg & 16th & Rockwell, Chicago, Ill.
See adv index at end of book
SPEIDEL JOHN G. ("Simplex"), Reading, Pa. *See adv index at end of book*
Sybilla Elevator & Machine Co., 214 W. Ontario, Chicago, Ill.
Whiting Foundry Equipment Co. (Chain & Rope), 157th & Halstead, Chicago, Ill.
Wright Mfg. Co. ("Wright" High Speed), Lisbon, O.
Yale & Towne Mfg. Co. ("Yale" "Differential, Yale" Spur Geared and "Yale" Screw Geared), Stamford, Conn.

6179—Hoists (Coal Handling)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Ireland Machine & Fdy. Co. ("Ireland"), Norwich, N. Y.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Northern Engineering Works (For Unloading Cars, Vessels, etc.), 9 Chene, Detroit, Mich.
Robins Conveying Belt Co., 13 Ann, New York
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

6180—Hoists (Coal, Incline Traveling)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Robins Conveying Belt Co., 13 Ann, New York

6181—Hoists (Combined with Trolley)

HOBBS CLINTON E. CO. ("Red Line"), 33 Pearl, Boston, Mass.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.

6182—Hoists (Concrete Bucket)

Ireland Machine & Fdy. Co. ("Ireland"), Norwich, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
O. K. Clutch & Machinery Co. ("O.K."), Columbus, Pa.
See adv index at end of book
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

6183—Hoists (Contractors' Material)

See also Elevators, Hod

American Cement Machine Co., Koekuk, Ia.
Archer Iron Works (Steel Skeleton), 2436 W 34th pl, Chicago, Ill.
Atkinson W. H. Co., Hoboken, N. J.
Bates & Edmonds Motor Co. (Gasoline for Double Platform), Lansing, Mich.
Biegert J. C. Machine Works, Seattle, Wash.
Buffalo Hoist & Derrick Co. (Wheelbarrow), 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
C. H. & E. Mfg. Co. ("C. H. & E." Single Drum Double Acting Engine or Motor Driven), 384 Clinton, Milwaukee, Wis.
Channon Jas. H. Mfg. Co. (Belt, Electric, Gasoline, Portable, etc), 227 W. Erie, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dake Engine Co. (Steam or Air), Grand Haven, Mich.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks Co., 416 Broome, New York.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
Grote F. Mfg. Co., Evansville, Ind.
Hallidie Co. (Dealers), Spokane, Wash.
See adv index at end of book
Insley Mfg. Co. (Steel Skeleton), 3500 E St. Clair, Indianapolis, Ind.
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
McKracken J. Co., H. Blake McFall bldg, Portland, Ore.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
National Hoisting Engine Co., Harrison, N. J.
Northwestern Iron Works, Seattle, Wash.
O. K. Clutch & Machinery Co., ("O.K.") Columbus, Pa.
See adv index at end of book
Patten Mfg. Co. (Double Platform, Electric Gasoline & Steam), Chattanooga, Tenn.
Sasgen Derrick Co. (Also Barrel & Auto Truck), 3101 W Grand av, Chicago, Ill.
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Seattle Machine Works, 51 W Lander, Seattle, Wash.
Standard Scale & Supply Co., 1631 Liberty av, Pitsburgh, Pa.
See adv index at end of book
Street Bros. Machine Works, Chattanooga, Tenn.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Universal Hoist & Mfg. Co., Cedar Falls, Iowa
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Waterloo Cement Machinery Corp. ("Polygon" Gasoline Engine), Waterloo, Ia.
Waterloo Gasoline Engine Co., Waterloo, Ia.
West Coast Gas Engine Co., San Diego, Cal.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

6184— Hoists (Derrick)

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
O. K. CLUTCH & MACHINERY CO. ("O. K.") Columbus, Pa.
See adv index at end of book

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Street Bros. Mach. Wks., Chattanooga, Tenn
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Wilson Machy. Co., 301 35th, Chicago, Ill.

6185—Hoists (Dock & Deck)

American Engineering Co. ("Williamson," Steam, Electric & Gasoline), Aramingo & Cumberland, Phila., Pa.
Automatic Machine Co., Bridgeport, Conn.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Chase Machine Co. (Single & Double Geared), 2313 Elm, Cleveland, O.
Clyde Iron Works Sales Co. (Steam), Duluth, Minn. *See adv index at end of book*
Dake Engine Co. (Pneumatic or Steam), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Detroit Shipbuilding Co. (Deck), Ft. Orleans, Detroit, Mich.
William A. Box Iron Works Co. (Dock), 3309 Blake, Denver, Colo.
Erie Clutch & Pulley Co., Erie, Pa.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
Ireland Machine & Fdy. Co. ("Ireland"), Norwich, N. Y.
Jackson & Church Co., Saginaw, Mich.
Lake Shore Engine Works (Electric), Marquette, Mich.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Michigan Dredge Co. ("Michigan"), Bay City, Mich.
Mundy J. S. Hoisting Engine Co. (Electric & Steam), 722 Frelinghuysen, Newark, N. J.
Northern Engineering Works (Electric), 9 Chene, Detroit, Mich.
O. K. CLUTCH & MACHINERY CO. ("O. K"), Columbus, Pa.
See adv index at end of book
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Street Bros. Mach. Wks., Chattanooga, Tenn.
Superior Iron Works Co., Superior, Wis.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

6186— Hoists (Drum)

See also Engines, Hoisting

American Hoist & Derrick Co., St. Paul, Minn.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clover Leaf Machine Co., S. Bend, Ind.
Clyde Iron Works Sales Co., (Friction Drum, Electric), Duluth, Minn.
See adv index at end of book
Erie Clutch & Pulley Co., Erie, Pa.
Farrell John & Son, Newton, N. J.
Foote Co. ("Foote" Single Friction), Nunda, N. Y.
Ireland Machine & Fdy. Co. ("Ireland"), Norwich, N. Y.
Lake Shore Engine Works, Marquette, Mich.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Minneapolis Steel & Machinery Co. ("Twin City" Electric, Gasoline & Steam), 2854 Minnehaha av, Minneapolis, Minn.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Street Bros. Mach. Wks., Chattanooga, Tenn.
Stroudsburg Engine Works, Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.
Vulcan Mfg. Co., 1200 4th av, so, Seattle, Wash.

6187— Hoists (Electric)

See also Pneumatic Hoists; also Cranes, Hand Power; also Cranes, Electric

Abell-Howe Co., 322 S Michigan av, Chicago, Ill.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Hoist & Derrick Co. (Single & Double Friction Drum, etc), St. Paul, Minn.
Baker Iron Wks., Los Angeles, Cal.
Barber-Foster Engineering Co., Swetland Bldg., Cleveland, Ohio.
Blethen Hugh R., 21 Park Row, New York
Box Alfred & Co. (Monorail, etc), 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E Cleveland, O.
BROWN & SITES CO., 30 Church, New York
BUFFALO HOIST & DERRICK CO., ("Buffalo"), 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Cline A. J. ("Reliable"), 343 S Dearborn, Chicago, Ill.
Clyde Iron Works Sales Co. (Friction Drum), Duluth, Minn.
See adv index at end of book

Hoists (Electric) Friction Drum
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

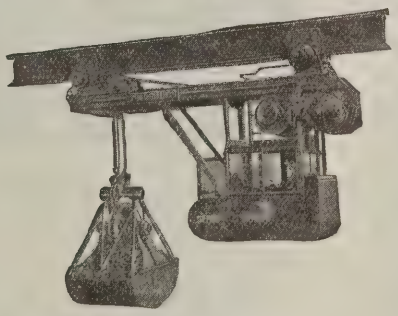
Dake Engine Co., Grand Haven, Mich.
Denver Engineering Works Co., Denver, Colo.
DETROIT HOIST & MACHINE CO. (Portable), Detroit, Mich.
See adv index at end of book

HOISTS—ELECTRIC
Portable and Monorail
FOR EVERY PURPOSE
DETROIT HOIST & MACHINE CO.
DETROIT, MICH.

Eagle Iron Works, Des Moines, Ia.
Economy Engineering Co., Willoughby, O.
Erie Clutch & Pulley Co., Erie, Pa.

REG. U.S. PAT. OFF.
SHEPARD
ELECTRIC CRANES & HOISTS

FOR EVERY LIFTING SERVICE

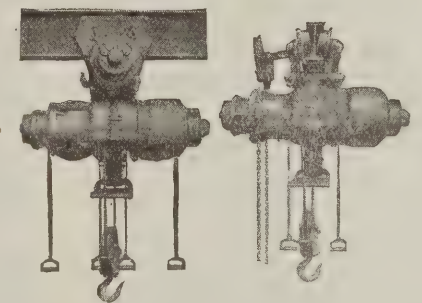


Shepard cage-controlled hoist on I-beam runway, with bucket attachment.

Shepard Electric Hoists are made in capacities of 1 to 30 tons, designed to meet the demand for a type of electric hoisting equipment equally adaptable to both indoor and outdoor service and requiring no unusual degree of skill for either its care or operation.

The hoisting mechanism is of the "unit-construction" type. Electric motor, gearing, hoisting drum and brake are contained within a heavy iron housing that is not only dirt and moisture proof, but safeguards all operating parts from injury. Another important feature is that the operating gears run in oil.

A few types are shown here—a catalog of the complete line upon request. Our engineering service is at your disposal.



Shepard Hoist with motor-driven trolley.

Shepard Hoist with geared trolley.

Shepard Electric Crane & Hoist Company

Member Electric Hoist Manufacturers' Association

406 Schuyler Ave., Montour Falls, N. Y.

New York
Pittsburgh
New Orleans

Philadelphia
Chicago
Birmingham

Baltimore
Chattanooga
Montreal

San Francisco
Cincinnati
Melbourne

Detroit
Buffalo
London

HOISTS (ELECTRIC)—continued
Euclid Crane & Hoist Co. (Travelling Mona Rail), Euclid, O.
See adv index at end of book

ELECTRIC HOISTS
THE EUCLID CRANE & HOIST CO.
EUCLID, OHIO

Exeter Machine Works, Pittston, Pa.
Fair Haven Foundry & Machine Co., Fair Haven, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Finch Mfg. Co., Scranton, Pa.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
Galena Iron Works Corp., Galena, Ill.
Grote F. Mfg. Co., Evansville, Ind.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Lake Shore Engine Works (Portable Derrick & Mining), Marquette, Mich.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

LINK-BELT
ELECTRIC HOISTS
are made in a variety of types and sizes, cage or floor operated, for high or low headroom, for direct or alternating current. A Link-Belt hoist can easily fit into almost any shop conditions. That is one reason for its popularity.
Write for catalog No. 380
LINK-BELT COMPANY
PHILADELPHIA
CHICAGO INDIANAPOLIS
Offices in Principal Cities

Maine Electric Co., Portland, Me.
Maris Bros., 56th & Gray's av, Phila., Pa.
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
Minneapolis Steel & Machinery Co. ("Twin City" Single, Double & Triple Friction Drum), 2854 Minnehaha av, Minneapolis, Minn.
Moore-Franklin Co., Winsted, Conn.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
Murray Bros. Machine Works, 231-233 Folsom, San Francisco, Cal.
National Hoisting Engine Co. (Double Friction Drum, etc), Harrison, N. J.
National Iron Co., Duluth, Minn.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Northern Engineering Works (Chain), 9 Chene, Detroit, Mich.
Orr & Sembower, Reading, Pa.
Otis Elevator Co., 26th & 11th av, New York
Ottumwa Iron Works, Ottumwa, Iowa
Patten Mfg. Co. ("Patten," Variable Speed), Chattanooga, Tenn.
PAWLING & HARNISCHFEGER CO., Milwaukee, Wis.
See adv index at end of book
Portland Co., Portland, Me.
READING CHAIN & BLOCK CORP., Reading, Pa. *See adv index at end of book*
Roeper Crane & Hoist Works, Reading, Pa.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
San Francisco Engineering Co., 322 6th San Francisco, Cal.
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

THE SHEPARD ELECTRIC LIFT ABOUT
A new and smaller Electric Hoist—makes power lifting available for every load-moving job.
SHEPARD ELECTRIC CRANE & HOIST CO.
406 Schuyler Ave., Montour Falls, N.Y.
Representatives in principal cities

Shriver T. & Co., Harrison, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
South Side Foundry & Machine Works, Charleston, W. Va.
Sprague Electric Works, 527 W 34th, New York
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Street Bros. Machine Works, Chattanooga, Tenn.
Stroudsburg Engine Works (Friction, Drum, etc), Stroudsburg, Pa.
Sybilla Elevator & Mfg Co., Chattanooga, Tenn.
Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

TREADWELL ENGINEERING CO
EASTON PA
HOISTS
Steam—Gasoline—Electric.
A Type for Every Duty.

Union Iron Works, Spokane, Wash.
Vulcan Mfg. Co., 1200 4th av, So. Seattle Wash.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O. *See adv index at end of book*
Yale & Towne Mfg. Co. ("Yale") (Chain Wire), Stamford, Conn.
Young R. W. Mfg. Co. (¼ to 5 tons), 80 E Jackson blvd, Chicago, Ill.

6188—Hoists (Electric Chain)

Sprague Electric Works, 527 W 34th, New York
Yale & Towne Co. ("Yale"), Dept. H, Stamford, Conn.

Hoists (Electric Mine)

See Hoists, Mine

6189—Hoists (Electric Monorail)

ARMINGTON ENGNG. CO., Euclid O.
See adv index at end of book
Hoisting Machy. Co., 50 Church, New York
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Northern Engineering Works, 9 Chene, Detroit, Mich.
O. K. CLUTCH & MACHINERY CO. ("O. K.") Columbia, Pa.
See adv index at end of book
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

6190—Hoists (Electric, Reversible Friction)

Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

6191—Hoists (Electric Traveling)

See also Cranes, Electric Traveling

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
EUCLID CRANE & HOIST CO. (Monorail), Euclid, O.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
HOISTING MACHINERY CO., 50 Church, New York
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
LINK-BELT CO., 329 W 39th, Chicago, Ill, & Hunting Park av & P. & R. Ry, Phila, Pa.
See adv index at end of book
Northern Engineering Works, 9 Chene, Detroit, Mich.
Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
READING CHAIN & BLOCK CORP., Reading, Pa.
See adv index at end of book
Roeper Crane & Hoist Works, Reading, Pa.
SHEPARD ELECTRIC CRANE & HOIST CO. (Also Electric Trolleys), Montour Falls, N. Y. *See adv index at end of book*
Sprague Electric Works, 527 W 34th, New York
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash. *See adv index at end of book*

Hoists (Electric Trolley)

See Hoists, Electric Traveling

6191a— Hoists (Elevator)

Drake Engine Co., Grand Haven, Mich.

6192—Hoists (Friction & Flat Friction)

Byers Machine Co. The (Cone), 242 Sycamore, Ravenna, O.
See adv index at end of book
Cooley Wright Mfg. Co., Waterbury, Vt.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McFarlane-Eggers Machinery Co., Denver, Colo.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.

6193— Hoists (Furnace)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
LIDGERWOOD MFG. CO. (Blast), 96 Liberty, New York
See adv index at end of book

6194—Hoists (Furnace Door)

(For Tempering & Annealing Furnaces)
Cameron Engineering Co., E. Stroudsburg, Pa.
Curtis & Co. Mfg. Co. (Air), 1571 Kienlen av, St. Louis, Mo.
Link-Belt Company ("Lewis"), 300 W 39th, Chicago, Ill. *See adv index at end of book*

6195— Hoists (Gasoline)

See also Engines, Hoisting, Gas & Gasoline

Alamo Mfg. Co., Hillsdale, Mich.
American Cement Machine Co., Keokuk, Ia.
Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.
Bates & Edmonds Motor Co., Lansing, Mich.
Brown Clutch Co. ("Little Giant"), Sandusky, O.
Buckeye Engine & Foundry Co., Joliet, Ill.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Charter Gas Engine Co. ("Charter"), Sterling, Ill.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

HOISTS
(GASOLENE)
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

Corliss Gas Engine Co. (Corliss Mining), 440 Market, San Francisco, Cal.
Erie Clutch & Pulley & Kerosene Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foos Gas Engine Co. (Mine & Contractors, 9 H.P-25 HP.), 800 Monroe, Springfield, O.
LIDGERWOOD MFG. CO. (Gas or Gasoline), 96 Liberty, New York
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Minneapolis Steel & Machinery Co. ("Twin City" Single, Double & Triple Friction Drum), 2854 Minehaha av, Minneapolis, Minn.
MUNDY J. S. HOISTING ENGINE CO., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Murray Bros. Machine Works, Dept. H, San Francisco, Cal.
Novo Engine Co., Lansing, Mich.
Original Gas Engine Co. ("Ideal"), Lansing, Mich.
Patten Mfg. Co., Chattanooga, Tenn.
Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
Street Bros. Mach. Wks., Chattanooga, Tenn.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

Union Gas Engine Co. (Gas), 351 Montgomery, San Francisco, Cal.
Universal Hoist & Mfg. Co. ("Ideal"), Cedar Falls, Iowa
Waterloo Cement Machinery Corp. ("Polygon"), Waterloo, Ia.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia
Western Machinery Co, 900 N. Main, Los Angeles, Cal.

6196— Hoists (Grab Bucket)

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Ireland Machine & Foundry Co. ("Ireland") Norwich, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*
Northern Engineering Works, 9 Chene, Detroit, Mich.
Robins Conveying Belt Co., 13 Ann, New York
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y. *See adv index at end of book*

6197—Hoists (Grip, for Hand Elevators)

Ireland Machine & Fdy Co. ("Ireland"), Norwich, N. Y.
Jordan Bros. (Single, Belt Geared), 74 Beekman. New York
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
Speidel John G., Reading, Pa. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

6198— Hoists (Hand)

See also Elevators, Hand; also Hoists, Chain

American Hoist & Derrick Co. (Also Belt), St. Paul, Minn.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Coast Engine & Machine Co. (Auto Dump), East Water & Taylor, Portland, Ore.
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y. *See adv index at end of book*
Erie Clutch & Pulley Co., Erie, Pa.
EUCLID CRANE & HOIST CO., Euclid, O. *See adv index at end of book*
Exeter Machine Works, Pittston, Pa.
Frick Co., Waynesboro, Pa.
Great Lakes Engineering Works (For Ice Cans), Real Estate Exchange bldg, Detroit, Mich.
HOBBS CLINTON E. CO., ("Red Line"), 33 Pearl, Boston, Mass. *See adv index at end of book*
INGERSOLL-RAND CO. ("Little Tugger" Pneumatic or Steam), 11 B'way, New York *See adv index at end of book*
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Larrabee Jno. E. Co. (Portable), Amsterdam. N. Y.
Mason Volney W. & Co., 2 Lafayette, Providence, R. I.
Milton S. G. & Son ("Champion" Portable Crane & Hoist), Franklin, Pa.
Mine & Smelter Supply Co. (For Mines, etc), 42 B'way, New York
Motor Specialties Co. ("Simplex Hoister" Ratchet Wire Rope), Waltham, Mass.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Shriver T. & Co., Harrison, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
SPEIDEL JOHN G., Reading, Pa. *See adv index at end of book*
United Iron Wks., Kansas City, Mo.
Warsaw Elevator Co., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.

6199— Hoists (Head Gate)

Coldwell-Wilcox Co., Newburgh, N. Y.
DAYTON BEATER & HOIST CO., Dayton, O. *See adv index at end of book*
Dayton Globe Iron Works Co., Dayton, O.
Dilts Machine Works (Inc.) (For Water Power Developments), Fulton, N. Y.
Smith S. Morgan Co., York, Pa. *See adv index at end of book*

Hoists (Hod)

See Elevators, Hod

6200— Hoists (Hydraulic)

Chambersburg Engng. Co., Chambersburg, Pa.
Coast Engine & Machine Works, E Water & Taylor, Portland, Ore.
Hell Co. (Power for Dump Trucks), 26th & Montana avs, Milwaukee, Wis.
Horizontal Hydraulic Hoist Co., 608 Gratiot, Detroit, Mich.
Hydro-Hoist Co., 26th & Montana avs, Milwaukee, Wis.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

6201—*Hoists (Incline Trenching)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6202— Hoists (Log)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*

6203— Hoists (Mine)

Alamo Mfg. Co. (Gasoline, Alcohol, etc), Hillsdale, Mich.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
Cooke-Wilson Co., 220 Penn, Pittsburgh, Pa.
Dake Engine Co., Grand Haven, Mich.
Denver Engng. Works Co. (Electric), Denver, Colo.
Diamond Machine Co. (Electric), Monongahela, Pa.
Dundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.
Eagle Iron Works (Steam & Electric), Des Moines, Ia.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flory S. Mfg. Co., Banger, Pa.
Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
Galena Iron Works Corp. (Electric, Steam & Belt Driven), Galena, Ill.
Garrity Ralph E. Co., 607H Wabash bldg, Pittsburgh, Pa.
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
Hallidie Co. (Dealers), Spokane, Wash. *See adv index at end of book*
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hassell Iron Works Co. (Also Horse Power), Colorado Springs, Col.
Hendrie & Bolthoff Mfg. & Supply Co. (Steam & Electric Power), Denver, Colo.
Hendy Joshua Iron Works (Electric & Steam), 75 Fremont, San Francisco, Cal.
HOLMES, ROBT. & BROS. ("Gravity Plane"), Danville, Ill. *See adv index at end of book*
Ireland Machine & Fdy. Co. ("Ireland"), Norwich, N. Y.
Keystone Iron Works, 37th and Santa Fe, Los Angeles, Cal.
Lake Shore Engine Works (Electric), Marquette, Mich.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO. (Steam & Electric), 96 Liberty, New York *See adv index at end of book*
McFarlane-Eggers Machine Co. (Electric & Steam), Denver, Colo.
Mead-Morrison Mfg. Co. (Steam & Electric), cor Prescott & Orleans, East Boston, Mass.
Mine & Smelter Supply Co. (Electric), 42 B'way, New York
Mineral Ridge Mfg. Co. (Electric & Steam) Mineral Ridge, O.
Mundy, J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
National Iron Co., Duluth, Minn.
Ottumwa Iron Works (Steam & Electric), Ottumwa, Ia.
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Seattle Machine Works, 51 W Lander, Seattle, Wash.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
South Side Foundry & Machine Works, Charleston, W. Va.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Stroudsburg Engine Works, Stroudsburg, Pa.
United Iron Works Co. (Electric), Kansas City, Mo.
Vulcan Iron Works (Steam & Electric), Wilkes-Barre, Pa.
Vulcan Mfg. Co., 1200 4th, Seattle, Wash.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Wellman-Seaver-Morgan Co. ("Winze," Steam & Electric), Cleveland, O. *See adv index at end of book*
West Coat Gas Engine Co., San Diego, Cal.
Western Machinery Co., (Deisel Engine Hoist), 900 N Main, Los Angeles, Cal.
Willamette Iron & Steel Works, Portland, Ore.
William A. Box Iron Works Co. (Steam & Electric), 3309 Blake, Denver, Colo.

6203a— *Hoists (Mooring)

O. K. CLUTCH & MACHINERY CO., ("O. K.") Columbia, Pa. *See adv index at end of book*

6204— Hoists (Oil)

Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

6205— Hoists (Paper)

Omaha Folding Machine Co., Omaha, Neb.
Rouse H. B. & Co., 2214 Ward, Chicago, Ill.

Hoists (Pneumatic)

See Pneumatic Hoists

6206— Hoists (Portable)

See also Cranes, Portable; also Hoists, Chain

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Fairbanks Co, 416 Broome, New York.
IRELAND MACHINE & FOUNDRY CO. ("Ireland" Geared), Norwich, N. Y.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Ridgway Craig & Son Co., Coatesville, Pa.
Standardizing Co., 299 B'way, New York

6207— Hoists (Quarry)

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co. ("Dobbie"), Niagara Falls, N. Y. *See adv index at end of book*
Ireland Machine & Fdy Co. ("Ireland") Norwich, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen, Newark, N. J.

6208—Hoists (Rope & Block)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
HOBBS CLINTON E. CO., 33 Pearl, Boston, Mass. *See adv index at end of book*
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Ney Mfg. Co., Canton, O.
Yale & Towne Mfg. Co. (Wire Rope), Dept. H, Stamford, Conn.

6209—Hoists (Sand, Pneumatic)

Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Robertson Wm. & Co. ("Robertson," for Railroad Use, etc), 20 W Jackson blvd, Chicago, Ill.

6210—Hoists (Scaffold, Etc.)

Motor Specialties Co. ("Simplex," Small, of Painters, Building Cleaners, Bridge Builders, etc), Waltham, Mass.

Hoists (Sidewalk)

See Elevators, Sidewalk

6211— Hoists (Skip)

BARTLETT C. O. & SNOW CO. (For Coal Ashes or Other Materials), French Cleveland, O. *See adv index at end of book*
Beaumont R. H. Co., 319 Arch, Phila., Pa.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Stolz Jos. & Son, 841 E 136th, New York. *See adv index at end of book*

6211a— Hoists (Spud)

Dake Engine Co., Grand Haven, Mich.

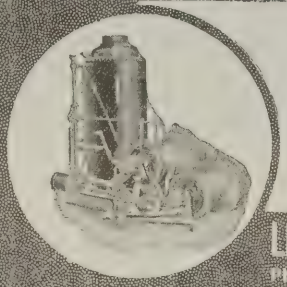
6212— Hoists (Steam)

See also Engines, Hoisting

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*

HOISTS (Steam)
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HOISTS (STEAM)—continued

Eagle Iron Works, Des Moines, Ia.
Exeter Machine Works, Pittston, Pa.
Foote Co., Nunda, N. Y.
Galena Iron Works Corp., Galena, Ill.
Gas Machinery Co. (For Gas Works), 1900 Euclid av, Cleveland, O.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Ireland Machine & Fdy Co. ("Ireland") Norwich, N. Y.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Lansing Co., Lansing, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
McFarlane-Eggers Mach. Co., Denver, Colo
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
National Hoisting Engine Co., Harrison, N. J.
National Iron Co., Duluth, Minn.
Otis Elevator Co., 26th & 11th av, New York
Ottumwa Iron Works, Ottumwa, Ia.
Portage Lake Foundry & Machine Co., Hancock, Mich.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
South Side Foundry & Machine Works, Charleston, W. Va.
Treadwell Engineering Co., Easton, Pa. *See adv index at end of book*
United Iron Works, Inc. ("Freeman" Geared), Kansas City, Mo.
Wellman-Seaver-Morgan Co., Cleveland, Ohio *See adv index at end of book*
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

6213— Hoists (Suction Pipe)

Superior Iron Works Co. (Hydraulic), Superior, Wis.

6214— Hoists (Telescopic)

Alvey-Ferguson Co. ("A-F"), 70 North av, Oakley, Cincinnati, O.
Chelsea Elevator Co., 213 W 26th, New York
Ernest C. K., Buffalo, N. Y.
Gillis & Geoghegan ("G. & G."), 537 W B'way, New York
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Hoists (Telpher)

See Telpherage, Electric Conveying

6214a— Hoists (Tie)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*

6215— Hoists (Traveling)

See also Hoists, Electric Traveling

Armington Engng. Co., Euclid, O. *See adv index at end of book*
Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Euclid Crane & Hoist Co., Euclid, O. *See adv index at end of book*

TRAVELING HOISTS
ELECTRIC
THE EUCLID CRANE & HOIST CO
EUCLID, OHIO

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York.
SPEIDEL JOHN G. (Hand Power), Reading, Pa. *See adv index at end of book*
TOLEDO CRANE CO., Bucyrus, Ohio *See adv index at end of book*
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

Hoists (Trolley)

See Trolleys & Trolley Tracks, Overhead

Hoists (Wheelbarrow)

See Hoists, Contractors' Material

6216— Hold-Backs (Crucible)

Johnson Bronze Co., New Castle, Pa.

6217—Holders (Automobile Tire)

Aetna Brass Mfg. Co., 1631 E 55th, Cleveland, O.
Allen Auto Specialty Co. (With Locks), 16 W 61st, New York
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Attwood Brass Works, Grand Rapids, Mich.
Auto Brass Mfg. Co. ("Abco"), 56 Friendship, Providence, R. I.
B. & B. Mfg. Co., 6528 Carnegie av, Cleveland, O.
B. E. Mfg. Co. ("Bemco"), 18 W 18th, New York
Central Brass & Fixture Co., Springfield, Ohio
Chain Products Co. (Chain), 3924 Cooper av, Cleveland, O.
Cowles C. & Co., New Haven, Conn.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O.
Emco Mfg. Co., 1H Starr av, Binghamton, N. Y.
Essex Brass Foundry Co. (With Locks), Cambridge, Mass.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Gemco Mfg. Co. ("Gemco" Rear End & Runningboard Holders), Milwaukee, Wis.
Halladay L. P. Co. (Also Numbers), Streator, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Keeler Brass Co., Grand Rapids, Mich.
Kreidler Auto Top Co., Trenton, N. J.
Le Compte Mfg. Co. (Hard Rubber), 44 Elm, Newark, N. J.
Metal Stamping Co. ("Perfection"), 13th, Long Island City, N. Y.
Post & Lester Co. ("Security"), Hartford, Conn.
Starr Bros. Bell Co. ("Starr" Bronze, Brass & Malleable Iron), East Hampton, Conn.
Stryker C. W., Syracuse, N. Y.
Western Brass Mfg. Works ("Hercules"), Marshall Boul. & W 21st, Chicago, Ill.
Western Mechanical Works ("Western" Telescoping), Los Angeles, Cal.
Whitehouse-Le Compte Mfg. Co. (With Locks), 44 Elm, Newark, N. J.
Wiener-Barnet Co., 328 Adams, Newark, N. J.

6218— Holders (Bag)

American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bulman E. O. Mfg. Co. (Paper), Grand Rapids, Mich.
Fitts Frank E. Mfg. & Supply Co. (Adjustable, All Steel), 88 Purchase, Boston, Mass.
Gumps B. F. Co., 431 S Clinton, Chicago, Ill.
Reed Evan L. Mfg. Co., Sterling, Ill.
Sackett A. J., Cor 4th av & 1st, Baltimore, Md.
South Bend Spark Arrester Co., South Bend, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thorpe F. M. Mfg. Co., Lamar, Mo.
Trumpheller Mfg. Corp. ("Trump"), 447 Ellicott sq, Buffalo, N. Y.
Wagner Mfg. Co. ("Daisy," for Farm Use), Cedar Falls, Ia.
Webster Mfg. Co. ("Mosher"), 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wilson-Hurd Co., Wausau, Wis.
Wolf Co., Chambersburg, Pa.

6219— Holders (Battery)

Am. Ever Ready Wks. of Nat. Carbon Co., Thompson av, Long Island City, N. Y.
Eureka Supply Co., Sewell, N. J.
Mersman Bros., Ottawa, O.
Michigan Motor Spec. Co., 26 Dubois, Detroit, Mich.
National Carbon Co., Madison av N W & W 117th, Cleveland, O.
Niagara Mfg. Co., Holyoke, Mass.
Ostrander W. R. & Co., 371 B'way, New York
Paragon Electric Co., 37 W Van Buren, Chicago, Ill.
Stanley & Patterson ("Watertight" Sealed-In Wireless), 23 Murray, New York
Stephenson Supply Co., Auburn, N. Y.
Sumter Telephone Co., Sumter, S. C.

6220—*Holders (Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D." for Taps & Dies), Greenfield, Mass. *See adv index at end of book*

6221— Holders (Blanket)

Imperial Bit & Snap Co., Racine, Wis.
Thomson Judson L. Mfg. Co., Waltham, Mass.

6222— Holders (Blotter)

Weber-Knapp Co., Jamestown, N. Y.

6223— Holders (Bottle)

Aldrich Mfg. Co., Buffalo, N. Y.
Browne W. G. Mfg. Co. (Sanitary), Kingston, N. Y.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Ray Geo. A. Mfg. Co. (Ginger Ale, Club Soda, Nickel Plated), Buffalo, N. Y.
United Steel & Wire Co., Battle Creek, Mich.

6224— Holders (Broom)

See also Holders, Whisk Brooms

Bradley & Farnham ("Knapp" Gravity), Middlefield, Conn.
Cassady Fairbanks Mfg. Co. ("Sensible," "Thompson"), 6126 S La Salle, Chicago, Ill.
Coleman Hardware Co. ("Eureka"), 122 S Michigan av, Chicago, Ill.
Erickson C. E. & Co. ("Queen") Des Moines, Ia.
Forg Peter Mfg. Co., Somerville, Mass.
Franklin Brass Foundry Co. ("Ideal"), Reading, Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Moore & Gibson Corp. (Leather), 307 6th av, New York
Parker Wire Goods Co. ("Star," "Eureka"), Worcester, Mass.

Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Racine Iron & Wire Works, Racine, Wis.
Reading Saddle & Mfg. Co. ("Handy"), Reading, Pa.
Reed Evan Mfg. Co., Sterling, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Wrightsville Hardware Co. ("Star"), Wrightsville, Pa.

6225— Holders (Brush)
(For Dynamo Brushes)

Anderson Albert & J. M. Mfg. Co. (For Street Railway Motors), 239a, Boston, Mass.
Baylis Co. ("Reaction"), Bloomfield, N. J.
Columbia Machine Works & Malleable Iron Co. (Complete and All Parts), Atlantic av & Chestnut, Brooklyn, N. Y.
Eureka Co., North East, Pa.
Flower, D. B. ("Flower" Electrical for Rotary Convertors, Industrial & Railway Motors), 1217 Spring Garden, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hemming Mfg. Co., Garfield, N. J.
Nelson Samuel ("Nelson's" Extension Paint Brush), 1748 Grace, Chicago, Ill.
Par-Sil Metal Co., Lansdale, Pa.
Perfection Supply Co., 98 Park pl, New York
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa. *See adv index at end of book*

6226—Holders (Brush, Paint, Etc.)

Hanlon & Goodman Co. (Adjustable Extension), 270 Pearl, New York

6227— Holders (Candle)

Bernz Otto, 17-37 Ashland, Newark, N. J.
Stonebridge C. H. Mfg. Co. ("Stonebridge" Non Drip Registering Candle Saver), 23 Warren, New York.
Stortz John & Son (Plumbers), 210 Vine, Phila., Pa.

6228— Holders (Car Door)
See also Door Stops.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co. ("Sherburne"), 53 Oliver, Boston

6229— Holders (Car Wheel)

Ransome Concrete Machinery Co. ("McMicken"), Dunellen, N. J.

6230— Holders (Carbon)

Bogue Chas. J. Elec. Co., 513 W 29th, New York
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

6231—Holders (Card & Label)

Brainerd Mfg. Co., East Rochester, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Corbin Cabinet Lock Co. (Bronze & Brass), New Britain, Conn.
Dent Hardware Co. (Card), Fullerton, Pa.
Dickey Grabler Works, of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Eagle Lock Co., Terryville, Conn.
GASKET SUPPLY CO., Steel-Tin-Brass, 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Judd H. L. Co., 87 Chambers, New York
Kraft A. C. (Galv. Iron & Tin), 323 W Lake, Chicago, Ill.
Loetscher-Ryan Mfg. Co. (Card), Dubuque, Ia.
Ludwig A. & Co., 75 Spring, New York
Novelty Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Sargent & Co., New Haven, Conn.
Shann Mfg. Co., Middletown, N. Y.
Shelby Spring Hinge Co., Shelby, O.
Timberlake J. B. & Sons (For Price Tickets, etc), Jackson, Mich.
Waterbury Mfg. Co., Waterbury, Conn.
Weber-Knapp Co., Jamestown, N. Y.
Western Railway Equipment Co. ("Downing," for Cars), Central Natl. Bank, bldg, St. Louis, Mo.

6232—Holders (Carriage Curtain)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6233— Holders (Chart)

Spiro C. Mfg. Co., 68 E 131st, New Yrk

6234—Holders (Christmas Tree)

Donnelly John ("Hub"), Branford, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Miller C. H. Hardware Co. ("Donnelly"), Huntington, Pa.
New Jersey Wire Cloth Co., Trenton, N. J. *See adv index at end of book*
North Bros. Mfg. Co. ("Crown"), Lehigh av. & American, Phila., Pa.
Peck C. A. Hardware Co. ("Little Gem" & "Little Jewel" Steel), Berlin, Wis.
Penn Hardware Co., Reading, Pa.
Reed E. L. Mfg. Co. ("Krackerjack"), Sterling, Ill.
Rhinelander Refrigerator Co. ("Riek's"), Rhinelander, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

6234a—Holders (Cigar & Cigarette)

Kaufmann Bros. & Bondy, 33 E 17th, New York
Waterbury Button Corporation, 331 So. Main, Waterbury, Conn. *See adv index at end of book*

6234b—Holders (Clothes Line)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Household Appliance Co., Neemah, Wis.
Reed Evan Mfg. Co., Sterling, Ill.

6235— Holders (Concrete)

Grabler Mfg. Co. (Steel, also Extension), Cleveland, O.

6236— Holders (Copy)

Beaton & Cadwell Mfg. Co. ("Ludington's"), New Britain, Conn.
Drop-a-Line Indicator Co., Milwaukee, Wis.
Fisher Adam Mfg. Co., 3624 Enright, St. Louis, Mo.
Line-a-Time Mfg. Co., Rochester, N. Y.

6237—Holders (Cord, Electric Iron)

Paragon Electric Co., 37 W Van Buren, Chicago, Ill.

6238— Holders (Cotter Pin)

Buffman Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6239-40— Holders (Crayon)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Dudfield Mfg. Co., Liberty, Mo.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Holders (Curtain Rod)
See Brackets, Curtain Pole

6241— Holders (Dash Rein)

Fernald Mfg. Co. ("Fernald"), North East, Pa.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6242— Holders (Diamond)

Montgomery & Co. ("Strong"), 105 Fulton, New York

6243— Holders (Dictionary)

Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Flanagan Geo. J., 515 S Fifth av, Chicago, Ill.
Sargent Geo. F. Co., 132 E 23rd, New York
Sargent Mfg. Co., Muskegon, Mich.
Stewart Geo. S. Co., Norwalk, Ohio
Union School Fur. Co., 1034 W Van Buren, Chicago, Ill.

6244— Holders (Die & Tap)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass. *See adv index at end of book*
Bardons & Oliver (Releasing Die), Cleveland, O.
Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.
Beaman & Smith Co. (Tap), Providence, R. I.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. (Lathe, Bit, Brace, Die Holders, etc), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Die, Bit, Brace, Lathe), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion" Bit-Brace & Die Holder), Lancaster, Pa.
Errington F. A., 39 Cortlandt, New York
Geometric Tool Co. (Reversing Tap Holder), New Haven Conn.
Goodell-Pratt Co. (Tap), Greenfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass. *See adv index at end of book*
Hartford Machine Screw Co., Hartford, Conn.
McCrosky Reamer Co. ("Wizard" Turret Tap), Meadville, Pa.
Modern Tool Co. ("Mazie" Chuck), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co. (Bit Brace), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Quint A. D. (Tap), Hartford, Conn.

Holders (Door)
See Door Holders; also Door Stops)

6245-6— Holders (Drill)

Armstrong Bros. Tool Co. ("Armstrong," Drill & Reamer), 339 N. Francisco av, Chicago, Ill.
Beaman & Smith Co. ("Safety"), Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Lutz Co., Inc. ("Lutz"), 31st & Gray's Ferry av, Phila., Pa.
Lutz-Webster Engineering Co., 3103 Grays Ferry av, Philadelphia, Pa.
Scallan, W. E. & Co., 1122-26 West Cincinnati, Ohio
Star Expansion Bolt Co. (Electricians', Brick & Stone), 145 Cedar, New York *See adv index at end of book*

Holders (Dry Battery)
See Holders, Battery

6247—Holders (Electric Lamp)

Arrow Electric Co. ("Arrow" Bayonet Type), Hartford, Conn.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Brady Electric Mfg. Co., New Britain, Conn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Harley Co., Springfield, Mass.
Localized Lighting Corp. ("Anderson" Self-Adjustable), 540H W 58th, New York
Ohio Electric Specialty Mfg. Co., Troy, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

6248— Holders (Extension Bit)

Millers Falls Co., 28 Warren, New York

6249—Holders (Fishing Rod)

General Phonograph Corp. ("Universal," "Handy"), 25 W 45th, New York

Holders (Flag Pole)
See Brackets, Flag Pole

6249a—Holders (Garage Door)

Bolles Wm. B., Post-office Box 600M, Milwaukee, Wis. *See adv index at end of book*
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
Phoenix Mfg. Co., Milwaukee, Wis.
Rixson Oscar C. Co., 4450 Carroll av, Chicago, Ill.
Stanley Works, New Britain, Conn. *See adv index at end of book*

Holders (Hog)
See Tongs, Hog

6250— Holders (Iron)

Ritzenthaler, John, 73 Franklin, New York.

6251— Holders (Knurl)
See also Holders, Tool

Alert Tool Co. (Adjustable), 237 N 6th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Graham Mfg. Co. (For Turrets), 96 Point, Providence, R. I.

Holders (Label)
See Holders, Card & Label

6252— Holders (Lantern)

Ladd W. C. ("Warner"), Bristol, Conn.
Morse A. J. & Sons, Inc., 221 High, Boston, Mass.

6253— Holders (Match Box)

American Ring Co., Waterbury, Conn.
Arcade Mfg. Co. (For Safety Matches, etc), Freeport, Ill.
Buffalo Mfg. Co., Buffalo, N. Y.
Dent Hardware Co., Fullerton, Pa.
Grey Iron Casting Co. (Safety), Mt. Joy, Pa.
Res Mfg. Co. ("Non-theft"), 2907 Meinecke av, Milwaukee, Wis.
Williams A. C. Co., Ravenna, Ohio
Wrightsville Hardware Co., Wrightsville, Pa.

6253a— Holders (Menthol)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

6254-5—Holders (Milk Bottle or Jar)

Hamblin & Russell Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. ("Triumph" Sanitary, Screws to Wall), Worcester, Mass.
Wickwire Spencer Steel Corp. (Natwire Wire), Worcester, Mass.
See adv index at end of book

Holders (Mop)

See Mop Sticks & Holders

6256—Holders (Note Book, Stenographers')

Galesburg Writing Machine Co. ("Chicago"), Galesburg, Ill.
Ihling Bros. & Everard Co., Kalamazoo, Mich.
Weber-Knapp Co. ("Perfection" & "Mack" Copy), Jamestown, N. Y.

6257— Holders (Oil Can)

Buffum Tool Co. ("Swastika," Automobile, etc), South Side, Louisiana, Mo.
Halladay L. P. Co. (Automobile), Streator, Ill.

6258-9—Holders (Paper Sheet)

Bulman E. O. Mfg. Co., Grand Rapids, Mich
Heinn Co., 354H Florida, Milwaukee, Wis.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio *See adv index at end of book*

6259a—Holders Pen (Writing)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

6260— Holders (Pencil)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
Eagle Pencil Co., 210 E 14th, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

6260a—Holders (Pillow Sham)

Josef E. E. Mfg. Co., 14 Perry, Buffalo, N. Y.

6261—Holders (Pipe Nipple)

American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Boston Brass Co. ("B. B."), Waltham, Mass. *See adv index at end of book*
Curtis & Curtis Co., Bridgeport, Conn.
Fee & Mason (& for Flush Pipes), 81 Beekman, New York
Lockhart R. Jas. ("Lockhart" Polished), 201 Millvale, Pittsburgh, Pa.
Merrell Mfg. Co., 278 Curtis, Toledo, O.
Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.
Starbuck R. M. & Sons ("Starbuck"), Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.

6262— Holders (Punch)

Cleveland Punch & Shear Works Co., 3931 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.

Holders (Rein)

See Holders, Dash Rein

6263— Holders (Rod)

National Sheet Metal Co., Peru, Ill.

Holders (Sack or Bag)

See Holders, Bag

Holders (Sad Iron)

See Handles, Sad Iron

6264— Holders (Sash)

Hardware Sales Co. Inc., 500 Fifth av, New York
Hart Sash Holder Co. ("Hart" Anti-Rattler, Burglar Proof), Lexington, Mo.
Wagner Mfg. Co. ("Wagner," for Screen & Storm Sash), Cedar Falls, Ia.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn
See adv index at end of book

6265— Holders (Scraper)

Bishop Geo. H. & Co. (Cabinet Scraper), Lawrenceburg, Ind.

6266-7—Holders (Shade or Globe)

Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
American Brass & Copper Co. (Gas & Electric), 138 Lafayette, New York
American Pin Co., Waterville, Waterbury, Conn.
American Ring Co., 531 Bank, Waterbury, Conn.
Art Metal Mfg. Co. ("A-M"), E 61st & Curtis av, Cleveland, O.
Beaton & Cadwell Mfg. Co. ("Perfection" Adjustable & Shade Fixtures), New Britain, Conn.
Brandt-Dent Co., Watertown, Wis.
Bridgeport Brass Co., Bridgeport, Conn.
Bryant Electric Co. ("Uno" Electric), Bridgeport, Conn.
Climax Machine & Burner Co., 133 3rd av, Newark, N. J.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crescent Brass Mfg. Co. (Nitrogen), 8410 Lake av, Cleveland, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Dale Lighting Fixture Co., 107 W 13th, New York
Faries Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Freeman E. H. Electric Co., Trenton, N. J.
Grady M. J. Mixture Mfg. Co. (Inverted), 608 1st av N, Minneapolis, Minn.
Gudeman & Co., 19 W 36th, New York
Harter Mfg. Co., 524 S Clinton, Chicago, Ill.
Herwig Art Shade Lamp Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hubbell Harvey Inc. ("Hubbell" Shade), Bridgeport, Conn.
J-E-M Shade Holder Co. ("J-E-M" for Incandescent Lights), 221 W 33d, New York
Kraushaar Brass Mfg. Co. (Aluminum Elec Reflector Shades & Holders Combined, etc), 919 Pine, St. Louis, Mo.
McFaddin H. G. & Co., 38 Warren, New York
Manhatton Brass Co., 332 E 28th, New York
Mitchell Vance Co., 507 W 24th, New York
Multi-Lux Illuminating Co., 6712 Union av, Cleveland, O.
Pittsburgh Metal Spinning & Stamping Co. (Nitrogen), 821 Locust, Pittsburgh, Pa.
Plume & Atwood Mfg. Co. (Gas & Electric Globe), Waterbury, Conn.
Remhof Chas., 87 35th, Brooklyn, N. Y.
Safety Car Htg. & Ltg. Co., 2 Rector, New York
Schaefer Brass Mfg. Co., 815 Clark av, St. Louis, Mo.
Solar Elec. Co., 54 W Lake, Chicago, Ill.
Standard Brass & Bronze Mfg. Co. (Nitrogen), 813 Liberty, Pittsburgh, Pa.
Standard Metal Spinning Co. (Nitrogen), 138 Mott, New York
Steele & Johnson Mfg. Co., 779 So Main, Waterbury, Conn.
Tregoning Electric Mfg. Co. (For Tungsten Lamps), Cleveland, O.
United Metal Spinning Co., 103 Mott, New York
Waldo Co. ("Waldo" for Upright or Hanging Bulbs), 45 E 20th, New York
Weber Brass Co. (Nitrogen), Whitney Power Blk, Cleveland, O.
White Jas. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.
Wilson A. B. Co., 1051 Power bldg, Cleveland, O.

6268— Holders (Sign)

Wallace Supplies Mfg. Co. ("Wallace" for all Manner or Car Signs), 412 Orleans, Chicago, Ill.

6269—Holders (Soda Glass)

Aldrich Mfg. Co. (Soda Glass), Buffalo, N. Y.
Ray Geo. A. Mfg. Co. (Plated), Buffalo, N. Y.

6270— Holders (Spice Jar)

Cassady Fairbank Mfg. Co. ("Sanitary"), 6126 S La Salle, Chicago, Ill.

6271— Holders (Stake)

Louden Machinery Co. (Malleable Iron & Pressed Steel), Fairfield, Ia.
STANLEY WORKS (Wrought Steel, Wagon), New Britain, Conn.
See adv index at end of book
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

6272— Holders (Syrup)

Stuart & Peterson Co., Burlington, N. J.

Holders (Tap)

See Holders, Die & Tap

6272a—Holders (Test Tube)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

6273—Holders (Toilet Paper)

A. P. W. Paper Co., Dept H, Albany, N. Y.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Bens S. J. Mfg. Corp. ("Handy Roll" "Flat O Roll"), Herkimer, N. Y.
Browne W. G. Mfg. Co., Kingston, N. Y.
Bulman E. O. Mfg. Co. (Paper), Grand Rapids, Mich.
Cassady Fairbank Mfg. Co. ("Unique," "Stiles"), 6126 S La Salle, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Forsyth Metal Goods Co., E Aurora, N. Y.
Hills Edwin (Rollers), Plainville, Conn.
Morgan Envelope Co. ("Springfield" Oval), Springfield, Mass.
Mumford Paper Mills Inc. ("Believe Me"), Mumford, N. Y.
Novelty Mfg. Co. ("Wilwear"), Waterbury, Conn.
Paper A. P. W. Co., Dept. H, Albany, N. Y.
Parker Chas. Co., Meriden, Conn.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Reed Evans L. Mfg. Co., Sterling, Ill.
Res. Mfg. Co. ("Res"), 2907 Meinecke av, Milwaukee, Wis.
Shelby Spring Hinge Co. ("Satin," "Silk," Steel & Brass), Shelby, O.
Southington Hdwe. Co., Southington, Conn.
Streeter N. R. & Co. ("Sensible" Toilet Paper Fixtures), Rochester, N. Y.
Sweeney W. H. Mfg. Co. ("Royal"), 38 Main, Brooklyn, N. Y.
Weston Paper & Mfg Co. ("Tiger"), Dayton, O.
Wickwire Spencer Steel Corp. ("Natwire" White Enameled), Worcester, Mass.

6274— Holders (Tool, Etc.)

Alert Tool Co. (Knurling Tool, Hand & Universal), 237 N 6th, Phila., Pa.
Allman Gas Engine & Machine Co. ("Muller" Lathe), 461 Canal, New York
American Tool & Machine Co. (Turret), 10 High, Boston, Mass.
Armstrong Bros. Tool Co. ("Armstrong" Tool Holders for Turning, Boring, Planing and Cutting Off Metals), 339 N Francisco av, Chicago, Ill.
Bardons & Oliver (Forming Tool Holders), Cleveland, O.
Bay State Tap & Die Co. ("Bay State," Die, Bit, Brace & Lathe), Mansfield, Mass.
Beaman & Smith Co. (Safety Drill & Tap), Providence, R. I.
Brown & Sharpe Mfg. Co. (For Screw Machines, etc), Providence, R. I.
Clark Equipment Co., Buchanan, Mich.
Cleveland National Machine Co., 1366 W 70th, Cleveland, O.
Cleveland Twist Drill Co. (Floating & Turret), 1 E 49th, Cleveland, O.
Crescent Forgings Co. ("Lang" Turning, Threading & Cutting-off; also Holders for Heavy Work), Oakmont, Pa.
DETROIT TWIST DRILL CO. (Lathe Drill), 555 Fort, Detroit, Mich.
See adv index at end of book
Errington, F. A., 39 Cortlandt, New York
Gisholt Machine Co., Madison, Wis.
Grant Mfg. & Machine Co. (Adjustable Boring Tool Holder), Bridgeport, Conn.
Hartford Machine Screw Co. (Machine Tool), Hartford, Conn.
Mingst C. P. (Lathe & Planer), Evansville, Ind.
Modern Tool Co. ("Mazie" Chuck, Die, Tap, etc), 500 State, Erie, Pa.
National Forge & Tool Co., Erie, Pa.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn.
Thompson H. G. & Son Co. ("Carr" Combination), New Haven, Conn.
Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.

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Western Tool & Mfg. Co. ("The Champion"), Springfield, O.
Whitman Metal Goods Co. (Lathe & "Efficiency" Planer), Whitman, Mass.
WILLIAMS J. H. & CO. ("Agrippa" & "Vulcan" for Turning, Boring, Planing, Cutting-Off, Side Work, etc.), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

6275—Holders (Tooth Brush)

Cassady Fairbank Mfg. Co. (Aluminum, Nickel Plated, etc), 6126 S La Salle, Chicago, Ill.
Denning Mfg. Co. ("Denning's"), 1777H E 87th, Cleveland, O.
Res. Mfg. Co., 2907 Melnecke av, Milwaukee, Wis.
Waterbury Mfg. Co., Waterbury, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6276— Holders (Tooth Pick)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.

6277— Holders (Towel)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Bulman E. O. Mfg. Co., Grand Rapids, Mich.
Denning Mfg. Co. ("Denning's"), 1777H E 87th, Cleveland, O.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.

6278— Holders (Trace)

Fernald Mfg. Co. ("Fernald," Double), North East, Pa.
Harsh-Miller Mfg. Co., Wabash, Ind.

6279—Holders (Tumbler, Etc.)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbus Brass Co., 533 Dublin av, Columbus, O.
See adv index at end of book
Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Forsyth Metal Goods Co., E Aurora, N. Y.
Garden City Plating & Mfg. Co. ("Kurtson"), 1430 S Talman av, Chicago, Ill.
Novelty Mfg. Co. ("Wilwear" Combination Tumbler & Soap Holder), Waterbury, Conn.
Parker Chas. Co. (Bath Rooms, etc), Meriden, Conn.
Schlesinger Leo & Co. (Combination Tumbler & Soap), 66 Wooster, New York
Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Sternau S. & Co., 93 E. 37th, New York
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6280—Holders (Tumbler, Wire)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York.
Bridgeport Wire Goods Co., East Port Chester, Conn.
Cutter Mfg. Co., Everett Station, Boston, Mass.
Parker Wire Goods Co., Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.
Woods-Sherwood Co., Worcester, Mass.

6281— Holders (Twine)

Bulman E. O. Mfg. Co., Grand Rapids, Mich.
Cutter Mfg. Co. ("Wright"), Orient av, Everett Station, Boston, Mass.
Introstile Mfg. Co. ("Ideal"), Marietta, O.
New York Roll Wrapping Paper Co. ("Simplex" & "Popular"), 84 Beekman, New York
Nicol & Co. (Improved Cone), 218 N Jefferson, Chicago, Ill.
Reed Evan L. Mfg. Co. Sterling, Ill.
Streeter N. R. & Co. ("Sensible," also Reel Holder), Rochester, N. Y.
Thrope F. M. Mfg. Co., Larmar, Mo.
Universal Winding Co. ("Walker"), Boston, Mass.
Wickwire Spencer Steel Corp. ("Natwire" Wire), Worcester, Mass.
See adv index at end of book
Woods-Sherwood Co. (Wire Twine Baskets), Worcester, Mass.

6282— Holders (Umbrella)

Clark W. J. Co., Salem, Ohio
Lamb Geo. L., Nappanee, Ind.

6283—Holders (Whisk Broom)

American Ring Co., Waterbury, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Kennebunk Mfg. Co. (Fibre), Milton, N. H.
Novelty Mfg. Co., Waterbury, Conn.

6284— Holders (Wire)

Fletcher Mfg. Co. ("Gem"), Dayton, O.
Stine Screw Holes Co. ("Stine"), Waterbury, Conn.

6285— *Holes (Screw)

STINE SCREW HOLES CO. ("Stine"), Waterbury, Conn.
See adv index at end of book

Hollow Ware

See Enameled Ware; also Aluminum Hollow Ware; also sub-classifications following

6286—Hollow Ware (Cast Iron)

See also Hollow Ware, Stove

Favorite Stove & Range Co., Piqua, Ohio
Griswold Mfg. Co., Erie, Pa.
Hardwick Stove Co. (Tea Kettles), Cleveland, Tenn.
Wagner Mfg. Co., Sidney, Ohio

6287—Hollow Ware (Nickle Plated)

Aldrich Mfg. Co. (With Hinged Cover), Buffalo, N. Y.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Lehmann Bros., 197 Grand, New York
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6288—Hollow Ware (Silver Plated)

Benedict Mfg. Co. (Also Flatware), East Syracuse, N. Y.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Homan Mfg. Co., Findlay, Western & Hulbert av, Cincinnati, O.
International Silver Co., 9 Maiden la, New York
Lehmann Bros., 197 Grand, New York
Rogers J. Silver Co., 13 Laight, New York
Van Bergh Silver Plate Co., Rochester, N. Y.

6289— Hollow Ware (Stove)

Birmingham Stove & Range Co., Birmingham, Ala.
Favorite Stove & Range Co. (Tea Kettles, etc.), Piqua, Ohio
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
Gray & Dudley Hardware Co., Nashville, Tenn.
Lodge Mfg. Co. (Cast Iron), S Pittsburg, Tenn.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Southern Co-operative Foundry Co., Rome, Ga.

6290—Holsters (Gun & Pistol)

Abercrombie & Fitch Co., Madison av & 45th, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H, 1004 Rutland av, Baltimore, Md.
Cook E. C. & Bro. (Canvas), 827 Loomis, Chicago, Ill.
Goodrich B. F. Co. (Rubber), Akron, O.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Hoegee W. H. Co., Los Angeles, Cal.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.

6291— Homatropine

Hoffmann-LaRoche Chemical Works, 440 Washington, New York

6292— Hominy

See also Food, Cereal, Prepared, etc.

American Hominy Co., Indianapolis, Ind.
Baltimore Pearl Hominy Co., Howard & Ostend, Baltimore, Md.
Bishopp Hominy Co., Sheldon, Ill.
Crete Mills, Crete, Nebraska
H-O Company, Buffalo, N. Y.
Hodapp Hominy Co., Seymour, Ind.
Lafayette Corn Flour Mills, Lafayette, Ind.
Lea Milling Co., Wilmington, Del.
Walthen Milling Co., Louisville, Ky.

6293-4— Hones (Razor)

American Hone Co., Olean, N. Y.
Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Natural Stone), Niagara Falls, N. Y.
Droescher S. R., 79 Warren, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Pike Mfg. Co., Pike, N. H.

Hoods (Automobile)

See Hoods, Motor

6295— Hoods (Forge)

Lourie Mfg. Co. ("Lourie—No-Smoke" Cast Iron, with Wind Shield), Springfield, Ill.
Standard Sheet Metal Mfg. Co., Washington, Pa.

6296—Hoods (Galvanized Sheet Steel)

Banister A. W. Co., 421 Dorchester av, S Boston, Mass.

6297—Hoods (Grinding, Buffing & Polishing Wheel)

Buffalo Forge Co. (Grinding, Buffing & Polishing Wheel), 499 Broadway, Buffalo, N. Y.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, Ohio.
Kirk & Blum ("Economy"), York & Western avs, Cincinnati, O.
Northern Blower Co., Barberton & W 65th, Cleveland, O.
Valley City Machine Works (Adjustable for Grinders), Grand Rapids, Mich.

6297a— Hoods (Laboratory)

Alberene Stove Co., 22 E 23rd, New York

6298— Hoods (Motor)

Auto Lamp & Radiator Co., 1614 Prospect, Cleveland, O.
Cadillac Plumbing & Heating Co., Cadillac, Mich.
Chicago Mfg. Co. ("Chicago"), 1464 S Michigan av, Chicago, Ill.
Clayton & Lambert Mfg. Co., 370-80 Beaubien, Detroit, Mich.
Detroit Carriage Goods Co., 288 E Jefferson, Detroit, Mich.
Edward's Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hayes Mfg. Co., 480 Maybury, Detroit, Mich.
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Kells W. J. Mfg. Co., 521 W 45th, New York
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Pettis W. W. Co., 416-417 First Natl. Bank bldg, Cincinnati, O.
Saginaw Sheet Metal Works, Saginaw, Mich.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Universal Specialty Co., Leader-News bldg., Cleveland, O.
Wright R. G. & Co., Buffalo, N. Y.
York Corrugating Co., York, Pa.

6299— Hoods (Spray)

Atlantic Boat Co., Amesbury, Mass.
McClellan Chas. P. ("Simplicity"), Fall River, Mass.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Thomas Wm. E. & Co., 42 South, New York

6300—Hoods & Fixtures (Electric Lamp)

American Reflector & Lighting Co., 517 W Jackson blvd., Chicago, Ill.
Benjamin Elec. Mfg. Co. (Fixtures), 120-128 S Sangamon, Chicago, Ill.
Brady Electric Mfg. Co., New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.
Fletcher Mfg. Co., Dayton, O.
Line Material Co., South Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
National Metal Stamping & Mfg. Co. ("Tidman," "Chapin," "Columbian," "Marten," "Jersey," "Murray," "Tuxedo,' "Tremont"), 494 Mulberry, Newark, N. J.
Phila. Electrical & Mfg. Co. ("Pemco" Copper Incandescent Street), 1236 N 31st, Philadelphia, Pa.
Reynolds Electric Co. (Colored Glass Hoods), 2650H W Congress, Chicago, Ill.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

Hook-Gage

See Recorders, Water Level

6301— Hookaroons

American Logging Tool Co., Evart, Mich.
Oshkosh Mfg. Co. (Axe Handle, etc), Oshkosh, Wis.

6302— Hooks (Agricultural)

Bonney Forge & Tool Wks., Allentown, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6303—Hooks (Automatic Tripping)

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

6304— Hooks (Awning)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Auer Jno. Jr. (Wrought), 197 Middletown, Brooklyn, N. Y.
Bonney Forge & Tool Wks., Allentown, Pa.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Landers, Frasy & Clark (Wrought), New Britain, Conn.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Titchener-Diehl Co., 1844-48 W. Austin av, *See adv index at end of book*
Titchener, E. H. & Co., Binghamton, N. Y.
Townsend Co., New Brighton, Pa.
Wickwire Spencer Steel Corp ("Eclipse" & Eyes), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

6305— Hooks (Back Band)

American Mfg. Co. ("Boss," "Sure Grip" & "H & A"), Chattanooga, Tenn.
Elbel Co., Canton, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Stanley Wks., New Britain, Conn.
See adv index at end of book

Hooks (Bale & Box)

See Hooks, Cotton, Box, etc

6306— Hooks (Barrel)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Auer Jno Jr. (Wrought, Barrel, or Can), 197 Middleton, Brooklyn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co., So. Portland, Me.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

6307— *Hooks (Beam)

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book

Hooks (Belt)

See Belt Fasteners

6308— Hooks (Bench)

Buffum Tool Co. ("Swastika," Carpenters'), South Side, Louisiana, Mo.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Millers Falls Co., 28 Warren, New York
Sargent & Company, New Haven, Conn.
Smith, Seymour & Son (Reversible & Screw Adjusting), Oakville, Conn.

6309— Hooks (Bill File)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York.
Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
Judd H. L. Co., 87 Chambers, New York
Philadelphia Novelty Mfg. Co., 13th & Noble, Philadelphia, Pa.
Sargent & Co., New Haven, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6310— Hooks (Bird Cage)

Arcade Mfg. Co. (Swinging, etc), Freeport, Ill.
Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
HENDRYX A. B. CO., 86 Audubon, New Haven, Conn. *See adv index at end of book*
Judd H. L. Co., 87 Chambers, New York
Landers, Frary & Clark, New Britain, Conn.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Parker Wire Goods Co. ("Worcester" Adjustable), Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Pratt Wm. Mfg. Co., 35 W Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6310a— *Hooks (Blind)

Stanley Works, New Britain, Conn.
See adv index at end of book

6311— Hooks (Block Yacht)

Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
See adv index at end of book

6312—Hooks (Boat & Mooring)

Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Durkee Chas. D. & Co. ("Jacobi"), 2 South, New York
Force Chas C. & Son, Madison, N. J.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware Co., Peabody, Mass.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
New York Boat Oar Co., 69 West, New York
Shelton Water Co., Derby, Conn.
Wilcox Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

Hooks (Box)

See Hooks, Cotton, Box, Hay, etc

6313— Hooks (Bush)

American Axe & Tool Co. (Strapped Eye, etc), Glassport, Pa.
Black John B Co. ("Wm. Beatty & Sons" Ax-Handle, One & Two Rings), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Collins Co., Collinsville, Conn.
Dunn Edge Tool Co. ("Champion"), Oakland, Me.
Evansville Tool Works, Evansville, Ind.
Iwan Bros., Streator, Ill.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Tucker & James, Phila., Pa.
Wadsworth David & Son, Auburn, N. Y.

Hooks (Button)

See Buttoners, Glove & Shoe

6314— Hooks (Cabin Door)

Corbin Cabinet Lock Co., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Durkee Chas. & Co., 2 South, New York
Kell Francis & Son, 401 E 163d, New York
Laughlin, Thos. Co., Portland, Me.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Tiebout W. & J., 118 Chambers, New York

6314a—Hooks (Cargo, Safety)

Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Bonney Forge & Tool Wks., Allentown, Pa.
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Laughlin, Thos. Co., ("Portland," "Liverpool," "Western," "Seattle," "California"), Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co., So. Portland, Me.
See adv index at end of book

6315— Hooks (Carrying)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
O'Kelly Gregory ("O'Kelly" Safety), 557 W. Jackson blvd, Chicago, Ill.
Ransome Concrete Machinery Co., Dunellen, N. J.

6316—Hooks (Ceiling & Chandelier)

Arcade Mfg. Co. ("Arcadian" Bronze), Freeport, Ill.
Atlas Mfg. Co. ("Bradley"), New Haven, Conn.
Champion Hardware Co. ("Champion" Ceiling), Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. ("Eclipse," "Favorite"), Worcester, Mass.
Laughlin, Thos. Co. (Ceiling), Portland, Me.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Parker Wire Goods Co. ("King," "Queen," Wire), Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co. (Wire, Ceiling Only), Shelby, O.
Stover Mfg. & Engine Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Taylor & Boggis Foundry Co., Cleveland, O.
Tiebout W. & J. (Brass & Bronze), 118 Chambers, New York
Turner & Stanton Co., Norwich, Conn.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williamson C. T. Wire Novelty Co. (Wire), Badger av, Newark, N. J.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

6317—Hooks (Cellar Door Hinge)

Auer John Jr. (No Lead Into Cement), 197 Middleton, Brooklyn, N. Y.

6318— Hooks (Choker)

Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Clyde Iron Works Sales Co. (For Log Skidding, etc), Duluth, Minn.
See adv index at end of book

6319— Hooks (Clam)

American Fork & Hoe Co., Swetland bldg., Cleveland, O.
Union Fork & Hoe Co., Columbus, O.

6320— Hooks (Clinker)

U. S. Wire Mat Co. ("U. S."), Decatur, Ill.

6321— Hooks (Clothes Line)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Archibald Co., The, 667 Howard, San Francisco, Cal.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York.
Franklin Brass Foundry Co. ("Perfection"), Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co.,, Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Parker Wire Goods Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Susquehanna Casting Co., Wrightsville, Pa.
Tie Co. ("Holdfast" Tying Device), Unadilla, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6322—Hooks (Coat & Hat, Cast)

American Ring Co., Waterbury, Conn.
Arcade Mfg. Co., Freeport, Ill.
Archibald Co., 667 Howard, San Francisco, Cal. *See adv index at end of book*
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York.
Backus Novelty Co. (Combination Lock), Smethport, Pa.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Brey & Krause Mfg. Co., Allentown, Pa.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Champion Hardware Co., Geneva, O
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Erie Art Metal Co., Erie, Pa.
Frantz Mfg. Co., Sterling, Ill.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill. *See adv index at end of book*
Landers, Frary & Clark, New Britain, Conn.
Laughlin, Thos. Co., Portland, Me.
See adv index at end of book
McKenna Brass & Mfg. Co. (Inc.), (Cast Brass), 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 722 Sycamore, Cincinati, O. *See adv index at end of book*
Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
Novelty Mfg. Co., Waterbury, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Reed & Prince Mfg. Co. (Cast Bronze & Brass), Worcester, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
Shelby Spring Hinge Co. (& Wire), Shelby, Ohio
Smith Frank F. Hardware Co., 81H Clay, Newark, N. J.
Stover Mfg. & Engine Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Tiebout W. & J., 118 Chambers, New York
Weber-Knapp & Son Co. (Brass & Iron), Jamestown, N. Y.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Williams A. C. Co., Ravenna, O.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

6323—Hooks (Coat & Hat, Wire)

Atlas Mfg. Co. ("Bradley," Metal Clasps), New Haven. Conn.
Champion Hardware Co., Geneva, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Jencks E. Mfg. Co. ("Crescent" & "Invisible"), Worcester, Mass.
National Screw & Tack Co., Stanton av., S. E. & C. & P. Ry., Cleveland, O.
Parker Wire Goods Co. ("King," "Vulcan"), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co., Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
Waterbury Mfg. Co., Waterbury, Conn.
Wickwire Spencer Steel Corp, ("Eclipse," "King," "Vulcan"), Worcester, Mass.
See adv index at end of book
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

6324—Hooks (Coke Scraper)

Mineral Ridge Mfg. Co., Mineral Ridge, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6325—Hooks (Conductor Pipe)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L. D. Co., 59 N 2d, Phila, Pa.
Berger Mfg. Co., Canton, O.
Delphos Mfg. Co. ("Clincher"), 1st & Pierce, Delphos, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Globe Iron Roofing & Corrugating Co., Dept H, Newport, Ky.
Iwan Bros., South Bend, Ind.
Klauer Mfg. Co. ("Fautless"), Dubuque, Ia.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Milwaukee Corrugating Co. ("Direct Drive"), Milwaukee, Wis.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Vaughan & Bushnell Mfg. Co. ("V. & B" Drop Forged), 2114 Carroll av, Chicago, Ill.
Whitaker-Glessner Co., Wheeling, W. Va.

6326— Hooks (Coring)

Emrich Phil, 824 Main, Cincinnati, O.

6327— Hooks (Corn)

See also Knives, Corn

American Axe & Tool Co., Glassport, Pa.
American Fork & Hoe Co. ("Cut Easy," "Yankee," "Acme"), Swetland bldg., Cleveland, O.
Clyde Cutlery Co., Clyde, O.
Earle H. S. Mfg. Co., Ford bldg., Detroit, Mich.
Goodell Co. (Adjustable), Antrim, N. H.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
North Wayne Tool Co. ("C. C. Brooks' "), Hallowell, Me.
Wallingford Mfg. Co. ("Barden's 20th Century," "Carver's," "Handy," "Cyclone"), Wallingford, Vt.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6328— Hooks (Corner Bind)

American Logging Tool Co., Evart, Mich

6329— Hooks (Cornice)

Auer John Jr. (Wrought Japanned), 197 Middleton. Brooklyn, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Jencks E. Mfg. Co. (Bright Wire Hooks & Eyes), Worcester, Mass.
Landers, Frary & Clark (Hooks & Eyes), New Britain, Conn.
Parker Wire Goods Co. (Bright Wire), Worcester, Mass.
Wickwire Spencer Steel Corp. (Hooks & Eyes), Worcester, Mass.
See adv index at end of book

6330—Hooks (Cotton, Box, Hay, Etc.)

Bagshaw & Field, 455 N 5th, Phila., Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Drew C. & Co., Kingston, Mass.
Duffy Mfg. Co. (Box only), 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Ellis, E. W., Lbr. Co. (Box), Grand Rapids, Mich.
Fischer & Hayes Rope & Steel Co, 742-744 W Van Buren, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
Myers F. E. & Bro., 900 4th, Ashland, O.
See adv index at end of book
New London Vise Works (Bale, Box, Can, Barrel, etc), New London, Conn.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Sargent & Co. ("New Orleans" Pattern "Whitney," Cotton, etc), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Underhill Hardware Co., Somerville, Mass.
Union Metal Goods Co. (Box & Latch), Pawtucket, R. I.
Vaughan & Bushnell Mfg. Co. ("V. & B." Wood or Steel Handle), 2114 Carroll av, Chicago, Ill.
Watson's Forge & Machine Works ("Butler's), 553 W 35th, New York
Wickwire Spencer Steel Corp. (Bale) Worcester, Mass.
See adv index at end of book
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

Hooks (Crane)

See Hooks. Hoist

6331—Hooks (Crate & Basket)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl., New York
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill. *See adv index at end of book*
Whitman Metal Goods Co. (Basket), Whitman, Mass.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

6331a— Hooks (Crochet)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

Hooks (Croquet)

See Croquet Sets

6332— Hooks (Desk)

Eagle Lock Co., Terryville, Conn.
Keystone Friction Hinge Co., Williamsport, Pa.
Sargent & Co., New Haven, Conn.

6333— Hooks (Drapery)

Turner & Seymour Mfg. Co., Torrington, Conn.

Hooks (Draymans')

See Hooks, Cotton, Box, Hay, etc.

6334— Hooks (Drive)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl., New York
Grabler Mfg. Co., Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6335— Hooks (Fire Pail)

Jencks E. Mfg. Co., Worcester, Mass.
Reading Hardware Co., Reading, Pa.
Safety Fire Extinguisher Co., 295 7th av., New York
See adv index at end of book
Sargent & Co., New Haven, Conn.
Stanley Wks., New Britain, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6336— Hooks (Fish)

Abbey & Imbrie, 15 Warren, New York
Bings Weedless Fish Hook Co., 84 Loan & Truck, Milwaukee, Wis.
Enterprise Mfg. Co. ("Pflueger"), Akron, Ohio
Henzel J. G. ("Henzel"), 4153 W. Van Buren, Chicago, Ill.
Lothrop L. D. & Son ("Arthur James" Imported), Gloucester, Mass.
Pardon Fish Hook Co., Owensboro, Ky
Shakespeare Co., Kalamazoo, Mich
Winchester Repeating Arms Co. (Winchester), New Haven, Conn.

6337— Hooks (Floor)

Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

HOOKS (FLOOR)—continued
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
MYERS F. E. & BRO., 900 4th, Ashland, O. *See adv index at end of book*
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6338— Hooks (Gaff)

Bonafide Mfg. Co., Plymouth, Mich.
General Phonograph Corp. ("Harrimac," "Good Luck," "M. & B."), 25 W 45th, New York.
Marine Hardware-Equipment Co., South Portland, Me.
See adv index at end of book
Redifor Rod & Reel Co. ("Ideal"), Warren, O.

Hooks (Gate)

See Hooks & Eyes, Gate.

6339— Hooks (Grab)

American Chain Co., Bridgeport, Conn.
American Hoist & Derrick Co. (Forged Steel), St. Paul, Minn.
American Logging Tool Co., Evart, Mich.
Bonney Forge & Tool Wks., Allentown, Pa.
Brunner & Lay (Hoisting & Stone Setters' Grabs), 570 W Polk, Chicago, Ill.
Byers Machine Co., The, 242 Syracuse, Ravenna, O. *See adv index at end of book*
Channon Jas H. Mfg. Co. (Steel Hooks & Chains), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Sasgen Derrick Co. ("Sasgen" Stone Grabs & Chain), 3101 W. Grand av, Chicago, Ill.
Scranton Forging Co., Scranton, Pa.
See adv index at end of book
Street J. D. & Co. ("Her-K-ules" Flexible Safety), 41st & Pk, St. Louis, Mo.
Terry & Trench Co., Inc (Hook & Chain), 70 E 45th, New York
United States Chain & Forging Co., (For Long Chains, etc.), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Wallingford Mfg. Co. ("Borden's"), Wallingford, Vt.
Weimer Chain & Iron Co., Lebanon, Pa.
Woodhouse Chain Works, Trenton, N. J.

6340—Hooks (Grape Grubbing)

Munnsville Plow Co., Munnsville, N. Y.

6341— Hooks (Grapple)

American Logging Tool Co., Evart, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.
Warren Axe & Tool Co., Warren, Pa.

6342— Hooks (Grass)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bartlett Mfg. Co., 428 E. Lafayette av, Detroit, Mich.
Baker Cutlery & Hardware Co. ("Trenton"), 101 Duane, New York
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Columbian Cutlery Co., Reading, Pa.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dunn Edge Tool Co. ("Blue Ribbon," "Gypsy"), Oakland, Me.
Earle H. S. Mfg. Co. ("Little Giant"), Ford bldg, Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Knickerbocker Mfg. Co. ("American," "New York"), Belleville, N. J.
North Wayne Tool Co. ("H. S. Earle's Little Giant"), Hallowell, Me.
Wadsworth David & Son, Auburn, N. Y.
Wallingford Mfg. Co. ("Barden's," "Ideal," "Gem"), Wallingford, Vt.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6343— Hooks (Hame)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel, Single & Double), St. Louis, Mo.

6344— Hooks (Hammock)

Arcade Mfg. Co. (Hand Forged), Freeport, Ill.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Brooks M. S. & Sons (Wrought), Chester, Conn.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Laughlin Thos. Co., Portland, Me.
Palmer I. E. Co. (Adj.), Middletown, Conn.
Parker Wire Goods Co. (Wrought), Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Tie Co. ("Holdfast" Tying Device), Unadilla, N. Y.
Wickwire Spencer Steel Corp. (Plate & Screw), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wire Goods Co. (Wrought), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

6345— Hooks (Hanging)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6346— Hooks (Harness)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Arcade Mfg. Co. (Japanned), Freeport, Ill.
Brooks M. S. & Sons, Chester, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Elbel Co., Canton, O.
Frantz Mfg. Co., Sterling, Ill.
Frazer & Jones Co., Syracuse, N. Y.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Imperial Bit & Snap Co. ("Imperial," "Swan's," etc), Racine, Wis.
Jenks E. Mfg. Co. (Steel Mill), Worcester, Mass.
Klauer Mfg. Co., Dubuque, Ia.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Ney Mfg. Co., Canton, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Oliver Iron & Steel Co. (Hame Hooks), S 10th & Muriel, Pittsburgh, Pa.
Parker Wire Goods Co., Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Pratt Wm. E. Mfg. Co. (Pratt's Handy"), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Rockford Steel Fixture Co., Rockford, Ill.
Rubber & Celluloid Product Co. ("Albright"), 56 Ferry, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hdw. Mfg. Co. (All Steel Folding), Sharon, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Susquehanna Casting Co., Wrightsville, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Weller Hdw. & Fdry. Co., Horseheads, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wire), Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6347— Hooks (Hitching)

Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Steward & Romaine Mfg. Co. (Wrought Iron), 124 N 6th, Phila., Pa.

6348— Hooks (Hog)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6349— Hooks (Hoist)

Allegheny Forging Co., Keenan bldg., Pittsburgh, Pa.
American Chain Co., Bridgeport, Conn.
American Forge & Mach. Co., Canton, O.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Bonney Forge & Tool Wks., Allentown, Pa.
Cleveland City Forge & Iron Co. (Drop Forged), Cleveland, O.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
GERDES & CO., 42 Church, New York
See adv index at end of book
Ladish Drop Forge Co., Cudahy, Wis.
Laughlin Thos. Co. ("Dirigo"), Portland, Me. *See adv index at end of book*
Western Tool & Forge Co. (With Eye & Shank), Brackenridge, Pa.
WILLIAMS J. H. & CO. ("Vulcan" Drop-Forged Weldless), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

6350— Hooks (Hoof)

Osborne C. S. & Co., Box 183, Newark, N.J.
See adv index at end of book

6351— Hooks (Husking)

Boss Mfg. Co., Kewanee, Ill.
Clark R. F. Mfg. Co. ("Clark," "Corn King," "Corn Queen," "Huskit," "Mascot," Huskers Only), 169 N. Jefferson, Chicago, Ill.

6352— Hooks (Ice)

Amer. Fork & Hoe Co. (Steel), Swetland bldg, Cleveland, O.
Bonney Forge & Tool Wks., Allentown, Pa.
Columbus Handle & Tool Co., Columbus, Ind.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.

6353— Hooks (Insulated)

Brooks M. S. & Sons, Chester, Conn.
Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO. ("D-X," Bridle Rings), 89 West, New York *See adv index at end of book*
Line Material Co., So. Milwaukee, Wis.
Pettingell-Andrews Co. ("O'Neill"), 166 Pearl, Boston, Mass.

Hooks (Jack)

See Hooks, Screw, Cup, etc

6354-5— Hooks (Ladder)

Auer John Jr. (Wrought Steel, also Step Ladder), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book
Moulton C. W. H. Co., Somerville, Mass.
Taplin Mfg. Co., New Britain, Conn.
Tilley John S. Ladders Co., Watervliet, N. Y.
Underhill Hardware Co. (Adjustable), Somerville, Mass.

Hooks (Lamp)

See Hooks, Ceiling & Chandelier

Hooks (Lift)

See Lifts, Sash

6356-7— Hooks (Lime)

Emrich Phil (Galv. Steel Wire), 824 Main, Cincinnati, O.

6358—Hooks (Lug, Chain, Etc.)

See also Hooks, Lumbermen's
American Logging Tool Co., Evart, Mich.
Ransome Concrete Machinery Co. (Or Timber Carriers), Dunellen, N. J.
Warren Axe & Tool Co., Warren, Pa.

6359—Hooks (Lumbermen's)

American Chain Co., Bridgeport, Conn.
American Logging Tool Co., Evart, Mich.
Channon Jas. H. Mfg. Co. (Carrying), 227 W Erie, Chicago, Ill.
Lufkin Foundry & Machine Co. ("Martin," Log Loading), Lufkin, Texas
Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book
Ransome Concrete Machine Co. (Lug, Grappling, Swamp, etc.), Dunellen, N. J.
Sasgen Derrick Co. (Grappling or Log Hooks), 3101 W. Grand av, Chicago, Ill.
Warren Axe & Tool Co. (Lug, Grapple, Swamp, etc), Warren Pa.

6360— Hooks (Meat)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Enterprise Mfg. Co. of Pa. (Detachable), 3d & Dauphin, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hill C. V. & Co., 360H Pennington, Trenton, N. J.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Nat'l Refrigerator Co. (also Racks), 827 Koeln av, St. Louis, Mo.
Parker Wire Goods Co. (Wrought Drive & Screw), Worcester, Mass.
Pittsburg Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Sargent & Co., New Haven, Conn.
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill.
See adv index at end of book
Underhill Hardware Co., Somerville, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B." Steel), 2114 Carroll av, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wrought), Worcester, Mass.

6361— Hooks (Mine Car)

Weimer Chain & Iron Co., Lebanon, Pa.

6362— Hooks (Mud)

Elbel Co. (For Auto Tires), Dept H, Canton, O.
Gemco Mfg. Co. ("Emergency" for Pneumatic Auto Tires), Milwaukee, Wis.

6363— Hooks (Packing)

Bonney Forge & Tool Wrks., Allentown, Pa.
Eagle Tool Works, Bayonne, N. J.
Mound Tool Co., 1203 S 7th St. Louis, Mo.
STRONG MACHINERY & SUPPLY CO. ("Strong's" Lightning & Improved Old Style), 292-294 Church, New York
See adv index at end of book

Hooks (Pail)

See Hooks, Fire Pail

6364— Hooks (Picture)

American Ring Co., Waterbury, Conn.
Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Brooks M. S. & Sons (Also Brass Tassel Hooks, etc), Chester, Conn.
Buffalo-Dehn Co. ("Anchor"), 70 W Chippewa, Buffalo, N. Y.
Forsyth Metal Goods Co. ("Uncle Sam," "Beauty," "Big Giant," "Orient"), E Aurora, N. Y.
Goertz August & Co. ("Handihook"), 276 Morris av, Newark, N. J.
Hampden Mfg. Co. ("Hampden Hang-Ons" & "Hang-Ups"), 108 Fulton, New York
HENDRYX A. B. CO., 86 Audobon, New Haven, Conn. *See adv index at end of book*
Jencks E. Mfg. Co., Worcester, Mass.
Judd H. L. Co., 87 Chambers, New York
Novelty Mfg. Co., Waterbury, Conn.
Parker Wire Goods Co. ("Franklin" Solid Brass, etc), Worcester, Mass.
Richards Benj. & Co., Winsted, Conn.
Sargent & Co., New Haven, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Turner & Stanton Co. (Brass & Steel), Norwich, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
Wire Goods Co. (Brass, etc.), Worcester, Mass.

6365— Hooks (Pipe)

See also Hangers, Pipe

Auer Jno Jr. (Wrought Drive for Gas or Soil Pipe), 197 Middleton, Brooklyn, N. Y.
Beaton & Cadwell Mfg. Co. ("Perfection Handy"), New Britain, Conn.
Berger Bros. Co., 229 Arch, Phila, Pa.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Central Foundry Co., 90 West, New York
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Devlin Thos. Mfg. Co. ("Eclipse"), 3d & Lehigh av, Phila., Pa.
Fee & Mason, 81 Beekman, New York
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (Steel), Cleveland, O.
Hammann Wm. ("O. K." Flashing), 1057 5th, Milwaukee, Wis.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lange August K., 606 E 15th, New York
Leibfried C. H. (Leader & Soil Pipe), 97 Guernsey, Brooklyn, N. Y.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Moore Joshua, Marseilles, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Newbury Mfg. Co., Monroe, N. Y.
New England Bolt Co. (Pipe Hooks), Everett, Mass.
Republic Metalware Co., Buffalo, N. Y.
Reznor Mfg. Co., Mercer, Pa.
Sargent & Co., New Haven, Conn.
Walforth Mfg. Co., Boston, Mass.

6366— Hooks (Pivot)

Grey Iron Casting Co., Mt. Joy, Pa.

6367— Hooks (Plaster)

Berry Chas. E. ("Berry"), Somerville, **Mass.**

6368—Hooks (Plumbers' Pot)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6369—Hooks (Pole, Fire Department)

Ransome Concrete Machinery Co., Dunellen, N. J.

6370—Hooks (Potato, Manure, Etc.)

American Fork & Hoe Co. ("True Temper"), Swetland bldg, Cleveland, O.
Kohler F. E. Co. (Potato), Canton, O.
Mountville Mfg. Co., Mountville, Pa.
Union Fork & Hoe Co., Columbus, O.
Wallingford Mfg. Co. ("Hall" Potato), Wallingford, Vt.

6371— Hooks (Pulley)

Marine Hardware-Equipment Co. (For Small Pulleys), South Portland, Maine.
See adv index at end of book
MYERS, F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*

6372— Hooks (Razor Strop)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Peck C. A. Hardware Co. ("Presto"), Berlin, Wis.
Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6373—Hooks (Releasing, Life Boat)

Kahnweiler's David Sons ("Wicks"), 260 Front, New York
Steward Davit & Equipment Corp., 17 Battery pl., New York

6374—Hooks ("S" or "Eight")

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Bonney Forge & Tool Wrks., Allentown, Pa.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons (Iron or Brass Wire), Chester, Conn.
Chain Products Co., 3924 Cooper, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Janney-Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Jencks E. Mfg. Co. (Brass & Bright Wire) Worcester, Mass.
Laughlin Thos Co., Portland, Maine
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
Parker Wire Goods Co. (Wire & Wrought) Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Sargent & Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Smith Hardware Co., 81 Clay, Newark, N. J.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

6375—Hooks (Safety, for Mine Cages)

Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

6376—Hooks (Sash Curtain Rod)

Jencks E. Mfg. Co. (Brass Plated, etc), Worcester, Mass.
Parker Wire Goods Co. (Brass Plated Wire), Worcester, Mass.

6377— Hooks (Sash Pull)

Ives H. B. Co., New Haven, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.

Hooks (School House)

See Hooks, Coat & Hat

6378—Hooks (Screw, Cup, Etc.)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Brooks M. S. & Sons (Iron & Brass Wire), Chester, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hindley Mfg. Co. (Brass & Bright Wire), Valley Falls, R. I.
Jencks E. Mfg. Co. (Brass & Bright Wire, Open Screw, Strap & Hook & Single & Double Jointed), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Laughlin Thos. Co., Portland, Maine
See adv index at end of book
Lawrence Bros. (Wrought Steel), Sterling, Ill.
Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book
Parker Wire Goods Co. (Bright Wire & Brass), Worcester, Mass.
Pittsburgh Knife & Forge Co. (Forged), Ridge & Chateau, Pittsburgh, Pa.
Richards Benj. & Co., Winsted, Conn.
Sargent & Co., New Haven, Conn.
Stanley Wks., New Britain, Conn.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.
Turner & Stanton Co., Norwich, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Middletown, Conn. *See adv index at end of book*
Williamson C. T. Wire Novelty Co. (Wire), Badger av, Newark, N. J.
Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.
Wire Hardware Co. (Bright & Brass), 6126 S La Salle, Chicago, Ill.

6379— Hooks (Seat Spring)

American Mfg. Co. (Wagon), Chattanooga, Tenn.
Harvey Spring & Forging Co., Racine, Wis.

6380—Hooks (Shackle, Chain, Etc.)

Cleveland Block Co., 1173 W 11th, Cleveland, O.
Cleveland Chain & Mfg. Co., Penn R. R. & Henry, Cleveland, O.
Columbus Anvil & Forging Co., Columbus, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerdes & Co. (Chain), 42 Church, New York. *See adv index at end of book*
Krein Chain Co., Wapakoneta, O.
McMillan's W. H. Sons, 153 South, New York
Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book
Weimer Chain & Iron Co., Lebanon, Pa.

6381— Hooks (Shave)

Bissell F. Co. ("Security"), Toledo, Ohio
Buhrke R. H. Co., 1250H Fullerton av, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Hooks (Shoe & Glove)

See Buttoners, Shoe & Glove

6382— Hooks (Sign)

Auer John Jr. (Wrought Sign or Jam), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

Hooks (Singletree)

See Hooks, Whiffletree

6383— Hooks (Slip)

Bonney Forge & Tool Wrks., Allentown, Pa.
Weimer Chain & Iron Co., Lebanon, Pa.

6384— Hooks (Snap)

East Bangor Mfg. Co., Bangor, Pa.
Draper & Hall Co. ("Hayes" Lock), Middletown, Conn.
Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Laughlin Thos. Co., Portland, Maine
See adv index at end of book
Sargent & Co. (Rings for Signal Hooks), New Haven, Conn.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Wilson Robert P. (Double Ball-Bearing), 320 Market, Newark, N. J.

6385— Hooks (Stable Door)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6386— Hooks (Stay Chain)

American Chain Co., Bridgeport, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6387— Hooks (Stone Hoist)

Weimer Chain & Iron Co., Lebanon, Pa.

6388— Hooks (Strap)

Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Single & Double Jointed & Screw, etc, Wire), Worcester, Mass.

6389— Hooks (Swamp)

American Logging Tool Co., Evart, Mich.

6390— Hooks (Sweat Pad)

Thomson Judson L. Mfg. Co., Waltham, Mass.

6391— Hooks (Switch)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

6392— Hooks (Swivel)

American Logging Tool Co. (Evener), Evart, Mich.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co. ("Dirigo"), Portland, Me. *See adv index at end of book*
Marine Hardware-Equipment Co., South Portland, Maine.
See adv index at end of book
Ransome Concrete Machinery Co. (Hooks & Rings), Dunellen, N. J.
Weimer Chain & Iron Co., **Lebanon, Pa.**
Wilcox, Crittenden & Co., Inc. (Drop Forged), Middletown, Conn.
See adv index at end of book

6393— Hooks ("T")

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Plain & Bend Wire), Worcester, Mass.

6394— Hooks (Tag)

Titchener E. H. & Co., Binghamton, N. Y.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

6395—Hooks (Tanners' Vat)

Emrich Phil, 824 Main, Cincinnati, O.

Hooks (Tassel)

See Hooks, Picture

6396—Hooks (Telephone Hanger)

Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

6397— Hooks (Tower)

Dent Hardware Co., Fullerton, Pa.

6398— Hooks (Towing)

Chase Machine Co. (Releasing), 2313 Elm, Cleveland, O.
Mansfield Steel Corp., 288 E, Milwaukee av, Detroit, Mich.

6399—Hooks (Tubing or Casing)

Oil Well Supply Co. (Oil & Gas Well), 215 Water, Pittsburgh, Pa.
Union Tool Co. (For Oil or Gas Wells), Torrance, Cal.

6400— Hooks (Tug)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Hercules," etc), New Britain, Conn.

6401-2— Hooks (Wall)

Hampden Mfg. Co. ("Hang-Up"), 108 Fulton, New York

Hooks (Wardrobe)

See Hooks, Coat & Hat Cast, Also Hooks, Coat & Hat Wire

6403— Hooks (Weeding)

See also Weeders, Garden & Lawn
Arcade Mfg. Co., Freeport, Ill.
Harrow Spring Co., 1st Nat'l Bank bldg, Milwaukee, Wis.
Harry Bros. Co., Carrollton & I. C. R. R., New Orleans, La.
Hills Edwin, Plainville, Conn.
Kohler F. E. Co., Canton, O.
Potter Mfg. Co. ("Secor's," "Excelsior," Fire Prong & Diamond Pattern), Geneva, O.
Reading Saddle & Mfg. Co. (Malleable Iron, Enameled Handle), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Von Phul Gilbert D., Hibernia Bk bldg., New Orleans, La.

6404— Hooks (Whiffletree)

Giblin & Co. ("Premium"), Utica, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Racine General Mfg. Co. (Jobbers), Racine, Wis.
Titchener E. H. & Co., Binghamton, N. Y.

6405—Hooks (Window Pole)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

6406— Hooks (Wire)

Automatic Wire Goods Mfg Co., 13-15 Canal pl, New York
Brooks M. S. & Sons (All Kinds, Brass & Iron), Chester, Conn.
Eastern Tool & Mfg. Co., Bloomfield av, Bloomfield, N. J.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Merritt F. M. ("Merritt" Grape Basket), Penn Yan, N. Y.
Parker Wire Goods Co., Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

6407— Hooks (Wire Rope)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Maine
See adv index at end of book
Marine Hardware-Equipment Co., South Portland, Maine
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
WILLIAMS J. H. & CO. ("Vulcan" Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

6408— Hooks (Wrecking)

National Malleable Castings Co. ("Goodman"), 7706 Platt av, S. E., Cleveland, O.

6409—Hooks & Eyes (Brace)

Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.

6410—Hooks & Eyes (Brass & Steel)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Bright Wire), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

6411—Hooks & Eyes (Dress)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Cassady Fairbank Mfg. Co. ("Ried"), 6126 S La Salle, Chicago, Ill.
Clinton-Wright Wire Co. (Morgan Spring Div.), Worcester, Mass.
See adv index at end of book
De Long Hook & Eye Co., 21st & Clearfield, Phila., Pa.
Francis Mfg. Co., Niagara Falls, N. Y.
Hughes Mfg. Co., Rome, N. Y.
Star Pin Co., Derby, Conn.
Sterling Pin Co., Derby, Conn.
U. S. A. Co., Shelton, Conn.
West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.

6412—Hooks & Eyes (Gate)

Brooks M. S. & Sons, Chester, Conn.
Buffum Tool Co. ("Swastika," Self-Locking), South Side, Louisiana, Mo.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works (Hooks & Staples), Interlaken, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Brass & Bright Wire, etc), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Parker Wire Goods Co. (Bright & Brass Wire), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wagner Mfg. Co. (Bright Wire), Cedar Falls, Ia.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

6413—Hooks & Eyes (Tent)

Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co., Inc. (Brass), Middletown, Conn.
See adv index at end of book

6414—Hooks & Eyes (Wire)

Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Brass & Bright Wire), Worcester, Mass.
Parker Wire Goods Co. (Bright), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Sterling Pin Co., Derby, Conn.
Wagner Mfg. Co. (Bright), Cedar Falls, Iowa
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Bright), Worcester, Mass.

6415—Hooks & Rings (Plate)

Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Glenn Mfg. Co., St. Charles, Ill.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Stolz Jas. & Son Inc., 841 E 36th, New York
Wilcox, Crittenden & Co., Inc., Middletown, Conn.
See adv index at end of book

6416—Hooks & Staples (Wrought Steel)

Landers, Frary & Clark, New Britain, Conn.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Titchener N. H. & Co., Binghamton, N. Y.

6417—Hooks & Tees (Chain)

New Castle Steel & Iron Co., Pittsburgh, Pa.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.

6418— Hoops (Coiled Elm)

Adams D. L., Portland, Ind.
American Cooperage Co., Helena, Ark.
Auglaize Cooperage & Lbr. Co., Minster, O.
Decatur Hoop & Lumber Co., Decatur, Mich.
Des Arc Hoop & Lumber Co., Des Arc, Ark.
Dyersburg Hoop Co., Dyersburg, Tenn.
Franklin Coil Hoop Co., Franklin, Ind.
Hampton Stock Farm Co., Glenwood, Mich.
Michigan Hoop & Stave Co., Marinette, Wis.
Morrison W. E., Poplar Bluff, Mo.
Rex Hoop, Stave & Heading Co., Helena, Ark.
Sheline E. R. & Son, Edon, O.
Smith M. C., Moorhead, Miss.
Standard Hoop Co., Ltd., Bay City, Mich.
Struthers Cooperage Co., Romeo, Mich.
Tennessee Hoop Co., Memphis, Tenn.
Union City Hoop & Lumber Co., Union City, Ind.
Wylie & Wilson, Saginaw, Mich.

6418a— Hoops (Embroidery)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Embroidery Hoop Co., Canton, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gibbs Mfg. Co., Canton, Ohio

6419— Hoops (Fish Net)

Smith G. W. & Son, Canterbury, Conn.

6420— Hoops (Mast)

Gloucester Block Co., Gloucester, Mass.
Laughlin Thos. Co. (Galvanized Wrought Iron & Wood), Portland, Me.
See adv index at end of book
McMillan's W. H. Sons, 153 South, New York
Moffitt J. D., Scotland, Conn.
New York Boat Oar Co., 69 West, New York

6420a— *Hoops (Rolling)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6420b— *Hoops (Sieve)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6421— Hoops (Slack Barrel)

Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Durand Hoop Co., Durand, Mich.

6421a—*Hoops (Tambourine)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6421b—*Hoops (Toy Rolling)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6422— Hoops (Truss)

Brainerd J. W. Steel Co., (Butter Tub), Warren, Ohio
Cincinnati Truss Hoop Co. (Iron & Steel Barrel), 115 W 2d, Cincinnati, O.
Ft. Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind.
See adv index at end of book
Frelinger J. G. Iron Works, 115 W 2d, Cincinnati, O.

Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Wabash Truss Hoop Co. ("Champion"), Mt. Carmel, Ill.

6423— Hoops (Tub, Iron)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Weed & Co. ("Ever-Ready") 95 Swan, Buffalo, N. Y.

6424— Hoops (Wire)

American Mfg. Co., Chattanooga, Tenn.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
De Haven Mfg. Co. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.

6425—Hoops & Bands (Welded Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Mott Wheel Works, Jackson, Mich.
Standard Parts Co., Cleveland, O.

6425a—*Hopper Door Mechanism

WINE RAILWAY APPLIANCE CO., THE, Toledo, O.

6426-7—Hoppers (Ash, Cement & Coal)

American Bridge Co., 30 Church, New York
Bergen Point Iron Wks., Bayonne, N. J.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
DOVER BOILER WORKS, Sales Office; 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Hammond Iron Wks., Warren, Pa.
See adv index at end of book
HELTZEL STEEL FORM & IRON CO., THE, Warren, O.
Kansas City Structural Steel Co. (Clement), Kansas City, Mo.
Lakeside Bridge & Steel Co., 402 Willard av, N. Milwaukee, Wis.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mitchell-Tappen Co., 15 John, New York
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Nelson N. P. Iron Wks., 212 40th, Brooklyn, N. Y.
New York Central Iron Works Co., Inc., Dept H, Hagerstown, Md.
Phoenix Iron Wks. Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Sykes Co., 930 W. 19th pl, Chicago, Ill.

6428— Hoppers (Closet)

Bellmark Co. (Porcelain), Trenton, N. J.
Camden Pottery Co. (Porcelain), Camden, N. J.
Duner Co., 101 S Clinton, Chicago, Ill.
Indiana Hollow Ware Co. (Enameled), Jeffersonville, Ind.
Jones Hollow Ware Co. (Porcelain Enameled), 1012 Ashland av, Baltimore, Md.
Maddock's Thos. Sons (Porcelain & Vitreous China), Trenton, N. J.
Monument Pottery Co. (Vitreons), Trenton, N. J.
N. J. China Pottery Co., Trenton, N. J.
Resolute Pottery Co. (Porcelain), Trenton, N. J.
Standard Sanitary Mfg. Co. (Porcelain Enameled), H Bessemer bldg, Pittsburgh, Pa.
Trenton Potteries Co. (Porcelain), Trenton, N. J.
Wheeling Sanitary Mfg. Co. (Porcelain & Vitreous China), Wheeling, W. Va.

6428a— Hoppers (Floor)

Lakewood Engineering Co., Cleveland, O.

6429—Hoppers for Power Plants

Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Hamler Boiler & Tank Co., Dept H, W. 66th & S. 60th av, Chicago, Ill.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McNamara Bros. Co., Westport, Baltimore, Md.
Phoenix Iron Works, Meadville, Pa.
Pollock Wm. B. Co. (Large Capacity), Youngstown, O.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Hoppers (Grain)

See Hoppers, Loading

6430— Hoppers (Loading)

Barnard & Leas Mfg. Co. (On Trucks, for Grain, etc), Moline, Ill.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Graver Corp., East Chicago, Ill.
See adv index at end of book
Insley Mfg. Co. (Portable & Controllable Car-Side for Sand & Gravel), 3500 E St. Clair, Indianapolis, Ind.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

6431— Hoppers (Weighing)

Holmes Robt & Bros. (Coal), Danville, Ill. *See adv index at end of book*
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Pratt Engineering & Machine Co. (Dust), Atlanta, Ga.

6432—Hoppers & Bells (Furnace)

Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Weimer Machine Works Co., Lebanon, Pa.

6433— Horns (Automobile)

Adams-Bagnall Electric Co. ("A. B. Trumpet"), Platt av, Cleveland, O.
American Electric Co. ("Samson" Automobile Motorcycle & Motorboat, Electric & Hand Operated), 6401 S State, Chicago, Ill.
Automobile Supply Mfg. Co. ("Newtone," "Rubes," "Electra," "Apollo," Electric), 80 B'way, Brooklyn, N. Y.
Barco Brass & Joint Co. (Exhaust), 212 W Illinois, Chicago, Ill.
Electric Horn & Specialty Co. ("Oneida" Electric), Utica, N. Y.
Electric Spark Appliance Co. ("Olympic" Electric), 140 Imlay, Brooklyn, N. Y.
Fitzgerald Mfg. Co. ("Clero" Electric), Torrington, Conn.
Flanders Co. ("Flanders" Electric), Owen bldg, Detroit, Mich.
Fowler Lamp & Mfg. Co. ("Fowler" All Metal Horn & Whistle Blower), 59 E 24th, Chicago, Ill.
Fulton Co. ("Aermore" Exhaust), 742 75th av, Milwaukee, Wis.
Gabriel Mfg. Co., 1407 E 40th, Cleveland, O.
Garford Mfg. Co. ("Rexo" Electric, Hand & Motor Horns, Elyria, O.
General Phonograph Mfg. Co. ("Rexo" Electric Hand & Motor Horns), Elyria, Ohio
Heinze Electric Co. (Mechanical), Lowell, Mass.
Interstate Mach. Prods. Co., Inc. (Fire), 56 Allen, Rochester, N. Y.
Kale Stamping Co. ("Ka-Ho-Co."), 1657H W. Lafayette blvd, Detroit, Mich.
Kent Atwater Mfg. Works ("Monoplex" Electric), 4937 Stenton, Phila., Pa.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Miller Chas. E. (Imp), 97 Reade, New York
Motor Car Equip. Co., 19 W 62d, New York
North East Elec. Co., Rochester, N. Y.
Novelty Mfg. Co. ("Novelco"), Waterbury, Conn.
Piel G. Co. ("Long"), 29 13th, Long Island City, N. Y.
Post & Lester Co. ("Voller"), Hartford, Conn.
Premier Electric Co. ("Repello," "Hi-Lo" Electric), 1123 S Wabash av, Chicago, Ill.
Randall-Faichney Co. ("Jubilee," "Jericho"), Boston, Mass.
Riley-Klotz Mfg. Co. (Also Bicycle,, Tricycle, etc), 17 Mulberry, Newark, N. J.
Russell Electric Co. ("Saxon," "Russell-Hammer," "Treco," Electric), Danbury, Conn.
Sears-Cross Co. ("Thunder"), 147 41st, Brooklyn, N. Y.
Seiss Mfg. Co. ("Seiss" and Bicycle), Toledo, O.
Sireno Co. (Electric), 20 Rose, New York
Sparks-Withington Co. ("Sparton" Electric), Jackson, Mich.
Standard Metal Mfg. Co. ("Cygnet"), 237 Chestnut, Newark, N. J.
Stewart-Warner Speedometer Corp. (Hand & Motor Driven), 1826 Diversey Parkway, Chicago, Ill.
Superior Lamp Mfg. Co. (Electric), 136 W 52d, New York
Talking Horn Co. (Mechanical), Middletown, N. Y.
Troy Auto Specialty Co. ("Exo"), Troy, N. Y.
Typhoon Signal Co. (Electric), 20 Chicago, Lincoln, Ill.
Vernon Mfg. Co., Los Angeles, Cal.
Warner Electric Co. (Electric), Muncie, Ind.

Horns (Bicycle)

See Horns, Automobile

6434— Horns (Cattle)

Wilson & Co., Union Stock Yards, Chicago, Ill.

6435— Horns (Dinner)

Central Stamping Co., 172 Fulton, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
National Enameling & Stamping Co., 411 5th av, New York

6436— Horns (Electrical)

Benjamin Elec Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
E. A. Laboratories, 30 B'way, Brooklyn, N. Y.
Elec'l Sales Co., 176 Federal, Boston, Mass.
Federal Sign System, 3700 S State, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Interstate Mach. Prodts. Co., Inc., 36 Allen, Rochester, N. Y.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Lincoln Metal Products Co., Lincoln, Ill.
North East Elec. Co., Rochester, N. Y.
Seiss Mfg. Co., Toledo, Ohio
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
Tele Call Co., 5604H Cedar av, Cleveland, O.
Trinity Bell Elec. Mfg. Co., 216 W Kinzie, Chicago, Ill

6436a— Horns (Factory)

American Model & Instrument Co., ("Amico"), 54 Commercial, Worcester, Mass.
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Seiss Mfg. Co., Toledo, Ohio

6436b— Horns (Fire Signal)

American Model & Instrument Co. ("Amico"), 54 Commercial, Worcester, Mass.
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*

6437— Horns (Fog)

See also Whistles, Automobiles & Motor Boat
Dover Stamping & Mfg. Co. ("Dover"), Cambridge, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Lothrop L. D. & Son, Gloucester, Mass.
Motor Car Equipment Co., 19 W 62d, New York
National Enameling & Stamping Co., 411 5th av, New York
National Marine Lamp Co., Forestville, Conn.

6438— Horns (Phonograph)

National Metal Stamping & Mfg. Co. ("Amplifying"), 494 Mulberry, Newark, N. J.
Sheip & Vandegrift ("Music Master" Wood), 814 N Lawrence, Phila., Pa.
Standard Metal Mfg. Co. ("Cygnet" Metal), 237 Chestnut, Newark, N. J.

6439— *Horns (Shoe)

Delaware Hard Fibre Co. (Fibre), Wilmington, Del.
See adv index at end of book
Elmendorf Varnish Co. (Color & Clear), 841 Larrabee, Chicago, Ill.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.

6440—Horse Powers (Contractors')

American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

6441—Horse Powers (Sweep)

See also Horse Powers, Tread; also Powers, Dog, Sheep, etc); also Horse Powers, Contractors'
Alamo Iron Works, San Antonio, Tex.
American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
Appleton Mfg. Co. ("Appleton," "New Prize," "Modern Hero"), Batavia, Ill.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Challenge Co. (Sweep "Challenge"), Batavia, Ill.
Johnsburg, Vt.
Collins Plow Co. (4 to 6 Horse Triple Geared), Quincy, Ill.
Ellis Keystone Agricultural Works (Lever, Iron Frame "Keystone"), Pottstown, Pa.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co. ("Climax," "Pitts"), West Bend, Wis.
Greenville Implement Co., Greenville, Mich.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison Machine Works, Belleville, Ill.

HORSE POWERS (SWEEP)—continued
Hart Grain Weigher Co. (Steel), Peoria, Ill.
Heebner & Sons ("Superior"), Lansdale, Pa.
Hildreth Bros., Harvard, Mass.
Kline Lewis T., Alpena, Mich.
Lyon Iron Works, Green, N. Y.
Marseilles Works of Deere & Co. (And Jacks), East Moline, Ill.
New Winona Mfg. Co. ("Diamond" Sweep), Winona, Minn.
Portable Elevator Mfg. Co., Bloomington, Ill.
Rowell I. B. Co. ("Climax"), Waukesha, Wis.
Rumley Leo Tractor Co. ("Dingee-Woodbury"), La Porte, Ind.
Sandwich Mfg. Co. ("Samson"), Sandwich Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Stover Mfg. & Engine Co., Freeport, Ill.
Warner Elevator Mfg. Co., Warner, Ill.
Wenzelman Mfg. Co., Galesburg, Ill.
Wilder-Strong Implement Co Monroe, Mich.
Wodsedalak Jos., Algoma, Wis.

6442-3-4—Horse Powers (Tread)

Appleton Mfg. Co. ("Success"), Batavia, Ill.
Ellis Keystone Agricultural Works, Pottstown, Pa.
Messinger Mfg. Co. ("The Reynolds" Horse or Baby), Tatamy, Pa.

Horse Shoe Calks

See Toe Calks, Steel

6445— Hose (Acid)

Acme Rubber Mfg. Co., Trenton, N. J.
American Metal Hose Co. ("American"), Waterbury, Conn.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
McIlroy Belting & Hose Co., Hammond, Ind.
N. J. Car Spring & Rubber Co. ("Carspring"), 91 Brunswick, Jersey City, N. J.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co. ("Revere"), Chelsea, Mass.
U.S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6445a— Hose (Air)

Goodall Rubber Co., 11th & Arch, Phila., Pa.
Keckley O. C. Co. ("Snake"), 318H W. Washington, Chicago, Ill.
Lorier W. B. Co., 415 S Dearborn, Chicago, Ill.
Mulconroy Co., Inc. ("Garnet," "Hero," "Model," "Mulconroy," "New Process," "Victor"), 54th & Jefferson, Phila., Pa.

6446— Hose (Air Brake)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Empire Tire & Rubber Corp., Trenton, N. J.
Flexible Armored Hose Co. (& Air Signal), Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("U. S.," "Maltese Cross"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co., 73 Reade, New York
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Sprague Electric Works, 527 W 34th, New York
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6447— Hose (Air Drill)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Cowen," "Service," "Bull-Dog," "Ironclad," "Leader), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Cleveland Pneumatic Tool Co. ("Bowes"), 3734 E 78th, Cleveland, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Dallett Thos. H. Co., 1324H Federal, Phila., Pa.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Electric Hose & Rubber Co. ("Barcus," "Colossus," "Electric," "Marvelo," "Mineralite," "Pokomoke," "Supero," "Uganda," "Velvet"), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Ridgewood," "Wallabout"), 126 Duane, New York
Hewitt Rubber Co. (Heavy Weight, "Hewitt Magnus," "Wrapped Duck," "Magnus," "Elmwood," "Linwood," Molded & Braided "Unit," "Standoil," "Converso"), Buffalo, N. Y.
Independent Pneumatic Tool Co., 600 W Jackson blvd., Chicago, Ill.
Ingersoll-Rand Co. 11 B'way, New York
See adv index at end of book
Mercer Rubber Co., 95 Broad, New York
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO. (Also Pneumatic Tool, "Dutchess," "Cameo"), Reade & Church, New York; Chicago, Ill., 325 W. Randolph, Houston, Texas
Pioneer Rubber Mills ("Victor," "Seal Rock," & "Sun Set"), 68 Sacramento, San Francisco, Cal.
Quaker City Rubber Co. ("Ebonite," "Crown," "Aero," "Girard"), 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co. ("Boreas"), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6448-9— Hose (Braided)

AMERICAN METAL HOSE CO. ("American" Flexible Metallic), Waterbury, Conn.
Boston Belting Corp. ("Forsyth" & "Roxbro"), 84 Linden Park, Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co. ("Blacksnake," "Electric," "Marvelo," "Red Snake," "Velvet," Continuous Length), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Whitehead Bros. Rubber Co., Trenton, N. J.

Hose (Brewers')

See Hose, Garden, Steam, Mill, Etc.

6450—Hose Carriages & Carts

Abbot Downing Truck & Body Co., Concord, N. H.
American-LaFrance Fire Engine Co., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kansas.
Hayward S. F. & Co. (Hose Carts), 250 W 54th, New York.
Maxim Motor Co., Middleboro, Mass.
Metric Packing Co., 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book
Pirsch Peter & Co., Kenosha, Wis.
Safety Fire Extinguisher Co., 291 7th av, New York
Stewart A. F., Rochester, N. Y.
Wirt & Knox Mfg. Co. ("Knox," for Railroads, Mills, etc), 23d & York, Phila., Pa.
Woodhouse Mfg. Co., 64 W B'way, New York

6451-2-3—Hose (Chemical Engine)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Electric Hose & Rubber Co. ("Crusoe," "Electric," "Salome," "Supero," "Zenobia," "Marvelo," "Velvet"), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Jax"), 126 Duane, New York
Hewitt Rubber Co. ("Hewitt," "Magnus," "Linwood," Engine & Tender), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Quaker City Rubber Co. ("Phaspa"), 629 Market, Phila., Pa.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Whitehead Bros. Rubber Co., Trenton, N. J.

Hose Connections

See Couplings, Hose

Hose (Corrugated Tender)

See Hose, Rubber

6454— Hose (Cotton)

Acme Rubber Mfg. Co. ("Admiral," "Commodore," "Ensign," "Gunner"), Trenton, N. J.
Allen W. D. Mfg. Co. (& Linen), 566 W. Lake, Chicago, Ill.
See adv index at end of book
Bay State Belting Co., 349 Congress, Boston, Mass.
Boston Belting Corp. ("Niagara," "Imperial," "Phoenix," "Trimount," "Excelsior," "American Underwriters," "Linden"), 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State Jacket," "Vigo," "Perfection," "Cowan," "Leader," "Paramount," "O. K." Underwriters), Cambridge, Mass.
"Purple Line," "Casco," "Reo,"
Boyle Jno & Co., 112 Duane, New York
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor"), Trenton, N. J.
Eureka Fire Hose Mfg. Co. (Rubber Lined), 27 Barclay, New York
Fabric Fire Hose Co., 127 Duane, New York
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (Rubber Lined) ("Trout," "Obelisk," "Goodyear Special"), 539 Mission, San Francisco, Cal.
See adv index at end of book
Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Ajax"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Co., Passaic, N. J.
Mechanical Rubber Co. ("Franklin," "Vernon," "Columbian," "Randolph," "Calumet," "Amazon," "Sterling"), 73 Reade, New York
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Pioneer Rubber Mills ("Victor," "Guardian," "Defender"), 68 Sacramento, San Francisco, Cal.
Quaker City Rubber Co. (Rubber Lined), 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, Ohio
Revere Rubber Co. (Rubber Lined, etc), Chelsea, Mass.
SAFETY FIRE EXTINGUISHER CO., 295 7th av, New York
See adv index at end of book
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co. (Marline & Cotton Woven Cover, "Lafayette," "Cartaret," "Cornell," "Pennant"), 18 Bostwick av, Jersey City, N. J.

6455— Hose Couplings

See also Couplings, Hose

Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Waterbury Mfg. Co., Waterbury, Conn.

6456— Hose (Dredging)

See Hose Submarine, also Hose, Rubber
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.

6456a—Hose (Filling Station)

METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y.
See adv index at end of book

6457— Hose (Fire)

Acme Rubber Mfg. Co., Trenton, N. J.
Barnes Henry K. Co. ("Fire King," "Conqueror"), 234 Devonshire, Boston, Mass.
Beck Wm. & Chas. (Linen), Lawrence, Mass.
Bi-Lateral Fire Hose Co. ("Bi-Lateral"), 326 W Madison, Chicago, Ill.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Coupling Co. ("Reliance" Cotton Light & Heavy, etc), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State," "Jacket," "Vigo," "Perfection," "Cowen," "Paramount" & "Leader," "O. K," "Underwriters"), Cambridge, Mass.
C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.
Callahan Cornelius Co. (Cotton), 127 Purchase, Boston, Mass.
Chicago Fire Hose Co. (Cotton Rubber Lined), 124 W Lake, Chicago, Ill.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor," "A-1" & "Arrow" Cotton Rubber Lined; also Rubber), Trenton, N. J.
Eureka Fire Hose Mfg. Co. ("Eureka," "Paragon," "Red Cross," "Surprise Jacket," "Peerless Jacket," "Eagle," Cotton Rubber Lined; also Linen, Plain & Rubber Lined), 27 Barclay, New York
Fabric Fire Hose Co., 127 Duane, New York
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co. ("Gray King" & "White King," Woven Cotton, Rubber Lined, etc), Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Baker Fabric," "Ajax," "Princeton," "Rescue" Cotton Line & Rubber), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co. (Double & Single Jacket "Hewitt," "Elmwood," "Magnus," "Underwriters"), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Keckley O. C. Co. ("Volcano," "Geyser," "Amazon," "Equator," 318 H Washington av, Chicago, Ill.
McIlroy Belting & Hose Co. ("Rubber-Ite" Linen), Hammond, Ind.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co. (Rubber), Hamilton Sq., N. J.
Metric Packing Co. ("Metric"), 244 Kensington av, Buffalo, N. Y.
See adv index at end of book
Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
N. J. Car Spring & Rubber Co. ("Tuebor," "Carspring," "Metropolitan," "A1,") Rubber Lined, Cotton), 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co. (Rubber & Cotton), 91 Chambers, New York
Niedner's Chas. Sons Co. (Linen), Malden, Mass.
Quaker City Rubber Co. ("Quaker City," "Pometus"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Relief") Youngstown, O.
Revere Rubber Co. (Rubber & Cotton & Rubber Lined), Chelsea, Mass.
Rex-Harris Fire Appliance Co. (Linen & Rubber), 310 W 39th, New York
Rossendale-Reddaway Belting & Hose Co. (Linen), Newark, N. J.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Simmons John Co., 110 Centre, New York
See adv index at end of book
Snyder M. L. & Son, 223 Church, Phila., Pa.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co. ("Marshall," Cotton Rubber), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N.J.

6458—Hose (Flexible Metallic)

AMERICAN METAL HOSE CO., Waterbury, Conn.
Am. Metal Moulding Co., 141 N. J. R. R. av, Newark, N. J.
Chicago Tubing & Braiding Co., 216 N Clinton, Chicago, Ill.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbia Metal Hose Wks., 532 W 22d, New York
Electric Hose & Rubber Co. ("Cynis," "Electric," Gas & Gasoline), 12th & Dure, Wilmington, Del.
Flexible Armored Hose Co., Buffalo, N. Y.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Goodyear Tire & Rubber Co. ("Kantkink") Akron, O.
Interlocked Metallic Hose Co., Orchard & Scott, Newark, N. J.
Johns-Manville H. W. Co., Madison av & 41st, New York
METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y.
See adv index at end of book
Mulconroy Co. (All Metal in Brass, Bronze, Copper & Steel), 54th & Jefferson, Phila., Pa.
Pennsylvania Flexible Metallic Tubing Co. (Copper or Steel, High Pressure, with Asbestos Interlining), Broad & Race, Philadelphia, Pa.
STRONG MACHINERY & SUPPLY CO., 292-294 Church, New York
See adv index at end of book
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
U. S. Flexible Metallic Tubing Co. (Metal Hose), Los Angeles, Cal., & San Francisco, Cal.
Universal Flexible Conduit Co., 109-111 Tichenor, Newark, N. J.
Voorhees Rubber Mfg. Co. (Armor), 18 Bostwick, Jersey City, N. J.

6459—Hose (Flexible Steel Armored)

Goodall Rubber Co., 11th & Arch, Phila., Pa.
Sprague Electric Works (Steel Armored), 527 W 34th, New York

6460—Hose (Garden, Steam, Mill, Etc.)

See also Hose, Fire

Acme Rubber Mfg. Co., Trenton, N. J.
Allen W. D. Mfg. Co. ("Alenco," "Greenwood," "Lexington"), 566 W Lake, Chicago, Ill. *See adv index at end of book*
AMERICAN METAL HOSE CO. ("American" Flexible Metallic Steam & Mill), Waterbury, Conn.
Belmont Packing & Rubber Co. ("Belmont," Steam), 133 N 2d, Phila., Pa.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Good Luck," "Milo," "Tiger," "Leader," "Block Line," "Paramount," "Conservatory," "Garden," "Service," "Bay State," "Tiger" Steam), Cambridge, Mass.
Breeze Carbureter Co. (Steam), 250-52 South, Newark, N. J.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co., Garden, Brewers' Hose & Water, "Blacksnake," "Christiana," "Delaware," "Delmarvia," "Electric," "Nocer," "Quintuple," "Supero," "Marvelo," "Wilmington," "X," "XX," "XXX," "XXXX," "XXXXX," 12th & Dure, Wilmington, Del.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "Merrimac," "Model," "Monitor," "Perfect," "Hop Toad," "Alabama," "Advance," "Amazon," "Eagle," "Diamond," "La Salle," "Hercules," "Chicago," "Vulcan," "High Test," "Greenhouse," "Hero," "Peninsular," "Rival," "King" & "Yale"), Trenton, N. J.
Eureka Fire Hose Mfg. Co. (Cotton & Linen), 27 Barclay, New York
Flexible Armored Hose Co. (Flexible Armored, for Steam, Gas, Oil & Water), Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross Carbolized," "Wallabout," "Rescue," "Prospect," "Nassau," "Tempest," "Tornado," "Princeton," "Montauk," "Pyramid," "Flushing," "Long Length"), 126 Duane, New York
Hewitt Rubber Co., ("Glenwood," "Linwood" Mill, "Magnus," "Ursus," "Inca," "Mohigan," "Ottuma" Garden, "Elmwood" Steam), Buffalo, N. Y.
Home Rubber Co. (Rubber), Trenton, N. J.
Knowlton Geo. W. Rubber Co., 60 Pearl, Boston, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co., Hamilton Sq., N. J.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
N. J Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., Reade & Church, New York; Chicago, Ill., 325 W. Randolph; Houston, Texas
Neidner's Chas. Sons Co. (Linen), Malden, Mass.
Quaker City Rubber Co., ("Makta," "Hercules," "Corporal," "Corsair," "Katan," "Kernel," "Ketmar," "Major," "Nymph," "Orient," "Ringmeter," "Sargent," "Tioga," "Wonderful" & "Yankee"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Chariot"), Youngstown, O.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Revere Rubber Co., Chelsea, Mass.
Safety Fire Extinguisher Co. (Steam & Mill), 295 7th av, New York
See adv index at end of book
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6461— Hose (Gasoline)

AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.
Chicago Tubing & Braiding Co. ("Rex-Tube"), 216 N. Clinton, Chicago, Ill.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y.
See adv index at end of book
Mulconroy Co., Inc. ("Mulconroy," "New Process"), 54th & Jefferson, Phila., Pa.
Myer Herbert J. Co. (Metalhued), finest Gasoline Hose at Low Prices), 225-27 Cedar, Buffalo, N. Y.
Republic Rubber Corp., Dept H, Youngstown, O.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.

6462-3— Hose (Linen)

Bay State Belting Co., 349 Congress, Boston, Mass.
Beck Wm. & Chas., Lawrence, Mass.
Boston Woven Hose & Rubber Co. ("Black Line," Service), Cambridge, Mass.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Mfg. Co., Lockport, N. Y.
Empire Tire & Rubber Corp. ("King," "Yale," & "Rival," Unlined), Trenton, N. J.
Eureka Fire Hose Mfg. Co. (Plain or Rubber Lined), 27 Barclay, New York
Fabric Fire Hose Co., 127 Duane, New York
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Manhattan Rubber Mfg. Co., Passaic, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Niedner's Chas. Sons Co. (Fire), Malden, Mass.
Quaker City Rubber Co. (Underwriters), 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Rosendale-Reddaway Belting & Hose Co., Newark, N. J.
SAFETY, FIRE EXTINGUISHER CO. 295 7th av, New York
See adv index at end of book
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

Hose (Metal)

See Hose, Flexible Metallic

6464— Hose (Mill)

See also Classification 6460

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*

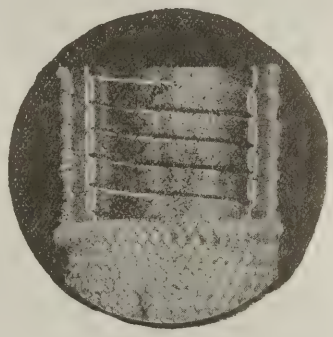
6464a—Hose (Oil Suction and Discharge)

AMERICAN METAL HOSE CO., Waterbury, Conn.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y.
See adv index at end of book

6464a1— Hose (Oil)

Allen W. D. Mfg. Co., 566 West Lake st, Chicago, Ill.
See adv index at end of book
AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.
Goodall Rubber Co., 11th & Arch, Phila., Pa.

Specify TRIPLEXD—Be Sure of Service



There is no hose exactly like TRIPLEXD. TRIPLEXD construction (the way the metal, rubber and fabric are built into a permanent unit) explains TRIPLEXD performance.

Triplexd Gasoline Hose is the strongest, most flexible and durable gasoline, oil and paint spray hose.

It will give you better service than any other hose at any price.

List Prices

(Substantial discounts quoted on request)

Size (Inside Diameter)	Hose Per Foot	Couplings
½	$ .70	$2.00
¾	1.00	2.40
1	1.20	3.90
1¼	1.80	6.60
1½	2.30	8.00
2	3.50	12.00
2½	4.40	18.00

We make and carry in stock couplings for all standard pumps. Briggs Standard Pipe Thread furnished unless otherwise specified.

Guarantee

Every length of TRIPLEXD Pump Hose bears a serial number and is specifically guaranteed for one year's service.*
We stand back of every length of TRIPLEXD in the world.

Specify TRIPLEXD *for replacement—It means fewer replacements*

TRIPLEXD
XXX GASOLINE HOSE XXX

Lengths of Triplexd are still on the job after four years' service

METAL HOSE & TUBING CO.
INCORPORATED
252 Tillary St.
BROOKLYN, N. Y.

***The average service life of Triplexd is over two years**

HOSE (OIL)—continued

METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y. *See adv. index at end of book.*
Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
Pioneer Rubber Mills ("Live Oak," Smooth & Wire Lined, a Combination Suction & Discharged), 68 Sacramento, San Francisco, Cal.
Republic Rubber Corp., Dept H, Youngstown, O.
Titeflex Metal Hose Corp., Badger av &

6464a2—Hose (Oxy-Acetylene)

Allen W. D. Mfg. Co., 566 West Lake st, Chicago, Ill. *See adv index at end of book*
AMERICAN METAL HOSE CO., Waterbury, Conn.
Electric Hose & Rubber Co. ("Electric"), 12th & Dure, Wilmington, Del.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
MacLeod Co., 2227 Boegen, Cincinnati, O. *See adv index at end of book*
Mulconroy Co., Inc. (Mulconroy), 54th & Jefferson, Phila., Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

6464b— Hose (Paint Spray)

AMERICAN METAL HOSE CO, Waterbury, Conn.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
METAL HOSE & TUBING CO. ("Triplexd"), 252 Tillary, Brooklyn, N. Y. *See adv index at end of book*

Hose (Pneumatic Tool)

See Hose, Air Drill

Hose (Protected)

See Hose, Wire Wound

6465— Hose (Radiator)

Eclat Rubber Co. ("Ekla"), Cuyahoga Falls, O.
Goodall Rubber Co., 11th & Arch, Phila., Pa.

Hose (Reels & Racks)

See Reels & Racks, Fire Hose

6466— Hose (Rotary Drill)

Dominion Asbestos & Rubber Corp, 151 Nassau, New York *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Mulconroy Co., Inc. (Mulconroy), 54th & Jefferson, Phila., Pa.
NEW YORK RUBBER CO., Reade & Church, New York; Chicago, Ill., 325 W. Randolph; Houston, Texas

6467— Hose (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Akron Rubber Mold & Machine Co., Akron, O.
ALLEN W. D. MFG. CO., 566 W. Lake, Chicago, Ill. *See adv index at end of book*
Atlantic Mfg. Co., 2nd & Walnut, Wilmington, Del.
Boston Belting Corp. ("Niagara," "Trimount," "Boston," "Universal," "Imperial," "Excelsior," "Roxbro," "Wearwell," "Elmwood," "Phoenix"), 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Damascus," "Bull Dog," "Boston Terrier," "Bay State," "Tiger," "Invincible," "Leader," "Dauntless," "Vim," "Helmet," "Cowen," "Ironclad," "Granger"), Cambridge, Mass.
C. C. C. Fire Hose & Rubber Co., 2 Canton Jct., Mass.
Cincinnati Rubber Mfg. Co. ("Arno," "Bolivian," "Broncho," "Cincinnatus," "Congo," "Losant," "Mezen," "Norka," "Norwood," "Pacemaker," "Sandow"), Cincinnati, O.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Combination Rubber Mfg. Co. ("Indestructene," "Franklin"), Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Goodall Rubber Co. ("Goodall Semi-Metalic"), Dept H, 10th & Race, Phila., Pa.
Crescent Flexible Armour Co., Trenton, N. J.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York *See adv index at end of book*
Electric Hose & Rubber Co. (all brands), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp. ("Merricam," "Alabama," "Advance," "Amazon," "Monitor," "Eagle," "Model," "Empire's Best," "Diamond," "La Salle," "Greenhouse," "Hercules," "Chicago," "Vulcan," "Perfect," "Hero," "High Test" & "Peninsular"), Trenton, N. J.
Fabric Fire Hose Co., 127 Duane, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (All Sizes), "Hippo," "Rhino," "Tortoise," "Plover"), 539 Mission, San Francisco, Cal. *See adv index at end of book*
Goodyear Rubber Co. & Rubber Clothing Co. ("Gold Seal," "Pioneer"), 787 B'way, New York
Gutta Percha & Rubber Mfg. Co. ("Ridgewood," "Wallabout," "Maltese Cross"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co. ("Black Seal," "Tiger," "White Cross," "World," "N. B. O."), Trenton, N. J.
Johns Manville, Inc., Madison av & 41st, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Marquise Rubber Co., 200 5th av., New York
Mechanical Rubber Co. ("Monarch," "Bengal," "Beaver," "Competition," "Superior," "Chicago"), 307 W Randolph, Chicago, Ill.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co. ("Anchor," "Bristol," "Aurora," "Fidelity," "National," "Narragansett," "Massasoit," "Red Oak," "Ruby," "Pontiac," "Saranac," "Sagamore," "Seekonk," "Seminole," "Wauregan"), Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
NEW YORK BELTING & PACKING CO. ("Carbon," "Double Diamond"), 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Pioneer Rubber Mills ("Live Oak," "Seal Rock," "Sunset," "Bay City," "Native," "Crackproof," "Clover," "Poppy"), 68 Sacramento, San Francisco, Cal.
Quaker City Rubber Co. ("Atlantic"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Tower," "Hector," "Sanco," "Hydro," "Republic"), Youngstown, O.
Revere Rubber Co. ("Giant," "Granite," "Shawmut"), Chelsea, Mass.
Rex-Harris Fire Appliance Co. (Fire & Garden), 310 W 39th, New York
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Union Asbestos & Rubber Co., 231 S. Wells, Chicago, Ill.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co. ("Bostwick," "Sensation," "Federal," "Pacific," "Sentinel," "Celtic," "Saxon," "American," "Conqueror," "Contest"), 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co. ("Competition," "Thistle," "Juno," "Clover," "Golden Rod," "Ivory," "Long Life"), Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6467a— Hose (Sand Blast)

Goodall Rubber Co., 11th & Arch, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

6468— Hose (Steam)

Allen W. D. Mfg. Co. ("Three-Star," "Yale," "U. S.," "Lexington"), 566 W. Lake, Chicago, Ill.
See adv index at end of book
AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co. ("Brandywine," "Colossus," "Electric," "Supero," "Tarpon"), 12th & Dure, Wilmington, Del.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Keckley O. C. Co. ("Pocahontas," "Jupiter," "Venus"), 318H Washington av, Chicago, Ill.
Mulconroy Co., Inc. ("Hero," "Dynamite," "Model," "Mulconroy," "New Process," "Victor"), 54th & Jefferson, Phila., Pa.
Republic Rubber Co., Dept H, Youngstown, O.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.

6469— *Hose (Steam Drill)

Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

6470— Hose (Submarine)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Electric Hose & Rubber Co. ("Buoy," "Electric"), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

6471— Hose (Suction)

Acme Rubber Mfg. Co., Trenton, N. J.
Allen W. D. Mfg. Co. ("Lexington," "United States," "Mandarin," "Killarney," "Neptune"), 566 West Lake st, Chicago, Ill.
See adv index at end of book
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Blue Bell," "Bay State," "Tiger," "Cowen," "Royal," "Harvester," "Gleaner" "Granger," "Wizard"), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Electric Hose & Rubber Co. ("Acetic," "Christiana," "Colossus," "Standard," "Suple"), 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co. (Extra Heavy), Akron, Ohio
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Wallabout," "Ridgewood"), 126 Duane, New York
Hewitt Rubber Co. ("Magnus," "Elmwood," "Linwood," "Maywood," Smooth Bore & Hat Rubber), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Hamilton sq, N. J.
Mulconroy Co., Inc. ("Hero," "Model," "Grant"), 54th & Jefferson, Phila., Pa.
MYERS F. E. & BRO., 900 4th, Ashland, O. *See adv index at end of book*
National Copper Refining Co., 7003 Quincy, Cleveland, O.
N. J. Car Spring Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO. (Oil & Water & Swat Rubbers), Reade & Church, New York; Chicago, Ill., 325 W Randolph! Houston, Texas
Pioneer Rubber Mills ("Seal Rock," "Sunset," "Bay City"), Sacramento, San Francisco, Cal.
Quaker City Rubber Co. ("Agton," "Jestor," "Ruhral," "Prairy," 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
U. S. Rubber Co., 1790 Broadway, New York
Whitehead Bros. Rubber Co. (Wire & Smooth Bore), Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

Hose (Tank)

See Hose, Garden, Steam, Mill, Etc.

6472—Hose (Tank Car—Unloading)

AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
METAL HOSE & TUBING CO., 252 Tillary, Brooklyn, N. Y.
See adv index at end of book
Myer Herbert J. Co., 225-27 Cedar, Buffalo, N. Y.

Hose (Vacuum Cleaner)

See Hose, Wire Wound

6473— Hose (Water)

See also Hose, Rubber
Allen W. D. Mfg. Co. (Conducting "Alenco," "Yale," "United States," "Defiance," "Lexington"), 566 West Lake st, Chicago, Ill.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hewitt Rubber Co. ("Wrapped Duck," "Magnus," "Elmwood," "Linwood," "Maywood" Molded & Braided "Hewitt"), Buffalo, N. Y.
Keckley O. C. Co. ("Niagara," "Kongo," "Nile"), 318H Washington av Chicago, Ill.
Mulconroy Co., Inc. ("Garnet," "Hero," "Model," "Mulconroy," "New Process," "Victor"), 54th & Jefferson, Phila., Pa.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.

6474— Hose (Wire Wound)

Acme Rubber Mfg. Co., Trenton, N. J.
AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
National India Rubber Co., Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6475—Hosiery (Elastic, Surgical)

Bauer & Black, 45 W 25th, Chicago, Ill.
Brown W. E., 39 Broad, Providence, R. I.
Burton D. F., Pythian Temple, Cleveland, O.
Carter Wm. Co., Needham Heights, Mass.
Chesterman & Streeter, 25 S 11th, Phila., Pa.
Common Sense Truss Co., 306 W Madison, Chicago, Ill.
Curtis & Spindell Co., Lynn, Mass.
Flavell Geo. W. & Bro., 1011 Spring Garden, Phila., Pa.
Freeman Mfg. Co., 2427 Cass av, Detroit, Mich.
Gorse F. W. Co., Needham Heights, Mass.
Gorse Wm. & Co., Needham Heights, Mass.
Hall W. A. Mfg. Co., St. Louis, Mo.
Hessler H. H., 38 Arcade, Cleveland, O.
Holmes Isaac, 411 Elm, Cincinnati, O.
Holmes John G., 111 S 8th, Phila., Pa.
Holmes O. H. (Seamless Cotton & Silk), Conshohocken, Pa.
Horn W. H. & Bro. ("Hornbro" Seamless, "Antler" Seamed), 435 N 3d, Phila., Pa.
Kendrick James R. Co., Dept. H, Germantown av & Pastorius av, Germantown, Phila., Pa.
Ladd Geo. W. Co., 34 Columbus, Boston, Mass.
Norman Wm. Co. (Cotton & Silk), 1832 Ogden av, Chicago, Ill.
Ohio Truss Co., 12 E 9th, Cincinnati, O.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Parker Henry, 100 W 23d, New York
Rice E., St. Paul, Minn.
Sharp & Smith, 65 E. Lake, Chicago, Ill.
Truax, Greene & Co., 171 N Wabash, Chicago, Ill.
Walton Thos S., Needham Heights, Mass.
Ware Mfg. Co. (Silk & Cotton), Camden, N. J.
White C. W. & Co., 99 Court, Boston, Mass.
Wood S. C. & Son, Pittsfield, Mass.
Worcester Elastic Stocking & Truss Co., Worcester, Mass.

6476-7—Hot Soda Apparatus (Automatic)

Rowe L. L., 74 Portland, Boston, Mass.

Hotel Cooking Apparatus

See Cooking Apparatus

6478—Hotel-Ware (Polished Steel, Etc.)

Cleveland Stamping & Tool Co. ("Solid Steel" Polished & Tinned), E 53rd & Hamilton, Cleveland, O.
National Enameling & Stamping Co. (Wrought Steel), 411 5th av, New York

6478a—Hotel & Kitchen Outfits

See also Cooking Apparatus
Aluminum Cooking Utensil Co. ("Wear Ever"), New Kensington, Pa.
Budd & Westermann, 7th av & 29th, New York
Kronman E., 248 Lafayette, New York
SEXTON S. B. STOVE & MFG. CO., 500 W. Conway, Baltimore, Md.
Smith's John E. Sons Co. (Food Choppers, Bread Slicers, etc.), 50H Broadway, Buffalo, N. Y.

Hotels Calls

See Annunciators

6479-80— Hounds (Bent)

Crane & MacMahon, 10 Bridge, New York
Eureka Bending & Wheel Works, York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Graham Thos. & Co., Madison, Ind.
Kohler F. F., South Zanesville, O.
Lamb-Fish Lumber Co., Charleston, Miss.
Metropolis Bending Co., Metropolis, Ill.
Shepard H. G. & Sons, New Haven, Conn.
Skinner J. M. Bending Co., Toledo, O.
Wildermuth Bending Co., Columbus, O.

House Numbers

See Numbers & Letters, Metal

House Wreckers

See Building Materials, Second Hand

House & Porch Trimmings, Etc.

See Columns, Porch, Etc.; also Corner, Base & Head Blocks; also Doors, Hardwood & Veneered; also Grille, Fret & Lattice Work; also Interior Finish, Wholesale Manufacturers; also Lumber Manufacturers; also Mouldings, Various Kinds; also Ornaments, Wood; also Sash, Door & Blinds; also Stair Builders' Supplies; also Wood Turnings, Various Kinds

6481— Household Reminders

Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.

6482—Houses (Farrowing, Hog)

Kretchmer Mfg. Co., Council Bluffs, Ia.
Martin Steel Products Co., Mansfield, O.

6483—Houses (Knock-Down)

See also Portable Houses
Minter Homes Corp. (Fabricated), Huntington, W. Va.
North American Construction Co., Bay City, Mich.
Ready Built Home Co., Mystic, Conn.

6484—Houses (Pole or Pilot)

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Nagel W. G. Electric Co. ("Ready"), Toledo, O.

6485— Housings (Axle)

Bossert Corporation, The (For Automobile, Motor Truck & Tractor), cor. Linden st & West av, Utica, N. Y.
Chicago Steel Foundry Co. (Cast Steel), 3201 S Kenzie av, Chicago, Ill.
Crosby Co., 183 Pratt, Buffalo, N. Y.

HOUSINGS (AXLE)—continued

Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Lee & Porter Mfg. Co., Buchanan, Mich.
Michigan Steel Casting Co. (Rear), 248H Guoin av, Detroit, Mich.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg, Cincinnati, Ohio.
Smith A. O. Corp. (Automobile), Keefe & 27th, Milwaukee, Wis.
Youngstown Pressed Steel Co., Warren, O.

6486—Housings (Iron & Steel For Rolling Mills)

Heltzel Steel Form & Iron Co., Warren, O.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.

6487— Housings (Valve)

Clark H. W. Co., Mattoon, Ill.

6488-9—Hubs, Automobile (Ball & Roller Bearing)

Allith-Prouty Co. (For Ford Cars), Danville, Ill.
American Pulley Co., 114 S Clinton, Chicago, Ill.
Bossert Corp., The (Wire Wheel), cor. Linden st & West av, Utica, N. Y.
Defiance Screw Machine Products Co., Defiance, O.
Harris & Reed, 1500 W 15th, Chicago, Ill.
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline, Boston, Mass.
Standard Parts Co. (The), Cleveland, O.
Superb Mfg. Co., Inc., Monticello, Ind.
Weston-Mott Co., Flint, Mich.
YOUNGSTOWN PRESSED STEEL CO., Warren, O.
See adv index at end of book

6490—Hubs (Bicycle & Motor Cycle)

Corbin Screw Corp., New Britain, Conn.
Eclipse Machine Co. (Front & Rear), 18th, Elmira, N. Y.
Harris & Reed, 1500 W 15th, Chicago, Ill.
New Departure Mfg. Co. ("New Departure" Bicycle), Bristol, Conn.
See adv index at end of book
Standard Parts Co. (The), Cleveland, O.
See adv index at end of book

6491—Hubs (Carriage & Wagon Wheel)

Armstrong Wm. H., South Coventry, Conn.
Atkins Bros., Attoway, Va.
Avoca Wheel Co. (Elm), Avoca, N. Y.
Bailey C. & Co., Elmsport, Pa.
Baldwin Bros. (Wagon), Ironton, Mo.
Baltimore Hub-Wheel & Mfg. Co., Flswy & Gy, Baltimore, Md.
Barden & Robeson Corp., Penn Yan, N. Y.
Bookwalter Wheel Co., Miamisburg, O.
Bonney Forge & Tool Works (Automobiles), Allentown, Pa.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Philadelphia, Pa.
Buffington Wheel Co., Burlington, Ia.
Campbell M. R., Tullahoma, Tenn.
Clark-Gay Mfg. Co., Little Rock, Ark.
Cone Jos. D., North Vernon, Ind.
Crane & MacMahon, 10 Bridge, New York
Donges John & Co., Hamilton, O.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Fredericktown Lumber Co. (Wagon), Fredericktown, Mo.
Fulton, Conway & Co., Louisville, Ky.
Gladding C. B., Geneva, O.
Graham Thos. & Co., Madison, Ind.
Hawesville Hub Mfg. Co., Hawesville, Ky.
Hinkle J. K. Mfg. Co., Dept. H, Mechanicsburg Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bros. & Darlington (Elm), West Chester, Pa.
Kellogg T. D. Lumber & Mfg. Co., Antigo, Wis.
Landis S. H. & Bro., Quakertown, Pa.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Lee W. J. (Wagon), Arcadia, Mo.
Look & Lincoln, Marion, Va.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Martin Hub Works, Tidioute, Pa.
Ness Bros. & Co., York, Pa.
Obrechts John Sons Mfg. Co., Tell City, Ind.
Pinneo & Daniels Co., Dayton, O.
Red Star Spoke Co., Fayetteville, Ark.
Redington Hub Co., Robys Corner, N. H.
Republic Rubber Corp., Dept H, Youngstown, O.
Reuter Hub & Spoke Co., Dexter, Mo.
Schmidt & Stork Wagon Co., West Bend, Wis.
Shaw Co., Crandon, Wis.
Shortsville Wheel Co. ("Heath," "Sweet"), Shortsville, N. Y.
Southern Wheel Stock Co., Ironton, O.
Standard Parts Co., Cleveland, O.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Stevenson Mfg. Co., South Bend, Indiana.
See adv index at end of book
Tell City Spoke Co., Tell City, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
White Oak Hub Co., Vina, Ala.

Baby Carriage Hubs

Made of KILN-DRIED HARDWOOD
Guaranteed Uniform
ANY PATTERN DUPLICATED
Catalog Issued

STEVENSON MFG. CO.

SOUTH BEND, IND.

6491a—Hubs (Picture Film Reel)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

6492—Hullers (Clover & Alfalfa)

Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Aultman & Taylor Machinery Co. ("Matchless"), Mansfield, O.
Avery Co. ("Yellow Fellow," "Yellow Kid," "Yellow Baby"), Peoria, Ill.
Birdsell Mfg. Co., South Bend, Ind.
Harder Mfg. Co., Cobleskill, N. Y.
Maytag Co., Newton, Ia.
Rumley Leo Proctor Co. ("Gear-Scott," "Rumley"), La Porte, Ind.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

Hullers (Coffee & Rice)

See Rice & Coffee Hulling Machinery

6493—Hullers (Cotton Seed)

Accidental Oil Mills (& Linters), Belton, Texas
Am. Cotton Oil Co., 65 B'way, New York
American Machine & Mfg. Co. (Self-Setting), Atlanta, Ga.
Bauer Bros. Co. (Disc), Bauer bldg., Springfield, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Chandler Construction Co., 31 State, Boston, Mass.
Diamond Huller Co. ("Big Giant," "Mammouth," "Diamond" Disc Huller & Separator), Winona, Minn.
Empire Cotton Oil Co., Bainbridge, Ga.
French Oil Mill Machinery Co. ("Job"), Piqua, O.
Murray Co., Dallas, Texas
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co. (Disk), Muncy, Pa.

6494—Hullers or Blanchers (Peanut)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Huston Tom Mfg. Co., Dept H, Columbus, Ohio
Lambert Machine Co., Marshall, Mich.

6495— Hullers (Pea & Bean)

American Machine & Mfg. Co. (Sola Bean Sesame Seed, Rape Seed, Sunflower Seed), Atlanta, Ga.
Aultman & Taylor Mach. Co., Mansfield, O.
Avery Co. ("Avery," "Yellow Fellow," "Yellow Kid," "Yellow Baby"), Peoria, Ill.
Chattanooga Implement & Mfg. Co. ("Royal" Pea), Chattanooga, Tenn.
Chisholm-Scott, Cadiz, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Huber Mfg. Co., Marion, O.
Huston Tom Mfg. Co., Dept H, Columbus, Ga.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Sprague Canning Machinery Co. (Canners'), 222 N Wabash av, Chicago, Ill.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

6496— Hullers (Strawberry)

Cassady Fairbank Mfg. Co. ("Manehardt"), 6126 S La Salle, Chicago, Ill.
Crown Pitter Co., Cleveland, O.
Stephens, Windsor & Co. ("Nip-It"), Waltham, Mass.
White Ira F. & Son Co., Bloomfield, N. J.

6497—Hulls (Steel Dredge, Etc.)

ELLICOTT MACHINE CORP., 111 Bush, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co., Marion, O.

6498—Humidifiers (Cigar & Tobacco)

Bishop & Babcock Co. ("Humigars"), 1204 E 55th, Cleveland, O.
Bubeck & Guerin, 161 W 18th, New York
Emmons Collins Mach. Co. ("Electrohume"), Western Springs, Ill.
Eureka Blotter Bath Co. ("Eureka"), 3732 S. Wallace, Chicago, Ill.
Reid-Geisler Mfg. Co., 5237 Ravenswood av, Chicago. Ill.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.

6499— Humidifying Apparatus

See also Moistening Apparatus, Air

American Blower Co., 1400 Russell, Detroit, Mich.
American Moistening Co. ("Comins" Sectional), 120 Franklin, Boston, Mass.
Besly Chas. H. & Co. ("Besly" for Abrasive Discs), 120 N Clinton, Chicago, Ill.
Braemer Air Conditioning Corp., Lafayette bldg, Philadelphia, Pa.
Briggs-Shaffner & Co. ("Hygrosso"), Winston-Salem, N. C.
Carrier Engng. Corpn., 39 Cortlandt, New York
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Duntley Products Sales Co., 732 Michigan av, Chicago, Ill.
Emmons Collins Mach. Co. ("Electrohume" Electric), Western Springs, Ill.
Eureka Blotter Bath Co. (Radiators for Steam & Hot Water), 3732 S. Wallace, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Humidity Engineering Co., 208 S La Salle, Chicago, Ill.
Johnson Service Co. ("Johnson" Humidostat), 149 Michigan, Milwaukee, Wis.
Mineral Products Co. ("X Yno"), Rhinelander, Wis.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Parks Cramer Co., Fitchburg, Mass.
Parks G. M. Co. ("Turbo" Humidifier), Fitchburg, Mass.
Reid-Geisler Mfg. Co., 5237 Ravenswood av, Chicago, Ill.
Rhode Island Humidifier Co., Boston, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
Wiese Elec'l Appliance Co., 3217 Lisbon av., Milwaukee, Wis.

6500— Humiditors

Bubeck & Guerin, 161 W 18th, New York

6500a— *Humidors (Cigar)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Humidostats

See Humidifying Apparatus

6500b— Humus

See also Fertilizer Mfrs

Alphano Humus Co., 17 Battery pl, New York
Hyper-Humus Co., Newton, N. J.
Rex Humus Co., 25 W 45th, New York

6500c— *Hunters Clothing

COUCH COTTON MILLS, INC., Atlanta, Ga.

6501-2—Husker & Shredders (corn)

See also Pickers & Huskers, Corn

Adams Husker Co., Marysville, O.
Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Clark R. F. Mfg. Co. ("Clark," "Corn King," "Corn Queen," "Huskit," "Mascot," Hand Corn Huskers), 169 N. Jefferson, Chicago, Ill.
Decatur Novelty Wks. ("Hill," Corn Huskers only), Decatur, Ill.
International Harvester Company of America (Inc.), ("Deering," "McCormick"), Harvester bldg, Chicago, Ill.
Invincible Grain Cleaner Co. (Huskers Only), Silver Creek, N. Y.
Kolling Husker Works ("Kolling"), Arlington Heights, Ill.
Maytag Co. ("Success"), Newton, Ia.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Peerless Husker Co., 523 Cornwall av, Buffalo, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rosenthal Corn Husker Co. ("Rosenthal"), West Allis, Milwaukee, Wis.
Rumley Leo Tractor Co. ("Adams," "Advance," Eight & Twelve Roll), La Porte, Ind.
Smalley Mfg. Co., Manitowoc, Wis.
Sproul Matt Co. ("Carey Perfect"), Sparta, Ill.
U. S. Wind Engine & Pump Co. ("Standard"), Batavia, Ill.
Walker Mfg. Co., Council Bluffs, Ia.
Wallingford Mfg. Co. ("Excelsior"), Wallingford, Vt.
Walrath Alphonso Co. (Trunk Tin & Iron Huskers, etc), Fort Plain, N. Y.

6503— Hydrants (Fire)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bourbon Copper & Brass Works, Cincinnati, O.
Cayuta Mfg. Co. ("K-U-T-A"), Sayre, Pa.

Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Douglas W. & B., Middletown, Conn.
Drummond M. J. & Co., 51 Chambers, New York
Eddy Valve Co. (Post & Flush), Waterford, N. Y.
Flower Valve Mfg. Co., 107 Parkinson, Detroit, Mich.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Glamorgan Pipe & Foundry Co., Lynchburg Va.
Greenberg's M. & Son (& Wharf), 225 Beale, San Francisco, Cal.
Howard Iron Works, Buffalo, N. Y.
Iowa Valve Co. ("Iowa"), Oskaloosa, Ia.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
Keystone Iron Work, 37th & Santa Fe av, Los Angeles, Cal.
Kupferle Jno. C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Macungie Brass & Mfg. Co. ("Niagara," "Peerless" & "Anti-Freezing"), Macungie, Pa.
McKim Foundry & Machine Co. ("Hooker") Lockport, N. Y.
Myers, F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
Norwood Engineering Co. ("Holyoke," "Walker"), Florence, Mass.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rensselaer Valve Co. ("Corey"), Troy, N. Y.
Ross Valve Mfg. Co. (Portable), 9 Oakwood av, Troy, N. Y.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Sanitas Mfg. Co., ("Sanitas" Automatic Non-Freezing), 105 Washington, Boston, Mass.
Smith A. P. Mfg. Co. (High & Regular Pressure), East Orange, N. J.
South Park Foundry & Machine Co., St. Paul, Minn.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
Walworth Mfg. Co., Boston, Mass.
Waterous Engine Works Co., 62 S Robert, St. Paul, Minn.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

6504— Hydrants (Fire Boat)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

6505—Hydrants (Fire, Crane Attachment)

Wood R. D. & Co., 400 Chestnut, Philadelphia, Pa.

6506— Hydrants (Wall)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

6507—Hydrants (Yard & Wash)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Columbiana Pump Co., Columbiana, O.
Continental Pipe Mfg. Co., Tacoma, Wash.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Douglas W. & B., Middletown, Conn.
Fales & Jenks Machine Co., Pawtucket, R. I.
General Fire Extinguisher Co. (Surface & Fire), Providence, R. I.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haydenville Co. ("Lewis"), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Henman D. A. & Co. (Rising City Yards), Sandwich, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
Kemp C. M. Mfg. Co. (Yard "Climax" Iron or Wood), 405 E Oliver, Baltimore, Md.
Kupferle John C. Foundry Co. ("Total Eclipse," Yard & Wall), 1st & Wright, St. Louis, Mo.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Neumeyer H. F. & Son ("American"), Macungie, Pa.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Quirin Jno. & Bro. (Street), St. Clair, Pa.
Rumsey Pump., Ltd., Box J, Seneca Falls, N. Y.
Sanitas Mfg. Co., ("Sanitas" Automatic Non-Freezing), 105 Washington, Boston, Mass.
Walworth Mfg. Co., Boston, Mass.

6508—Hydrate (Ammonium)

General Chemical Co., 25 Broad, New York

Hydrate of Alumina

See Alumina

Hydrate of Barytes

See Barium Hydrate

6509— Hydraulic Rams

Barnes Mfg. Co., Mansfield, O.
Columbus Pump Co., Columbiana, O.
Comstock Geo. S. & Son, ("Kline"), Mechanicsburg, O.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Gawthrop Allen Jr., Wilmington, Del.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphrys Mfg. Co., Mansfield, O.
Kline Jas. M., Beavertown, Pa.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
National Engng. & Equipment Co., Seattle, Wash.
Niagara Hydraulic Engine Co., Chester, Pa.
RIFE ENGINE CO., 90 West, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Ward Low Pump Co. ("Ward Low"), Rockford, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6510— Hydriatic Apparatus

Mott L. J. Iron Works, Trenton, N. J.

6511— Hydro-Carbon

Fulper Edward B., Trenton, N. J.
Lamson John S. & Bro., 347 Madison av, New York
Ohio Electrolytic Oxygen Co., 942 Kenyon av, Cincinnati, Ohio
Raven Mining Co. ("Kapak"), 140 S Dearborn, Chicago, Ill.
Scheel Wm. H. (Imp.), 159 Maiden lane, New York *See adv index at end of book*

6512— Hydrodeiks

Taylor Instrument Co.'s ("Tycos"), Rochester, N. Y.

6513— Hydrogen

Balbach Co., Omaha, Neb.
California Burdett Oxygen Co. ("Purox" Gas), 52nd & Santa Fe av, Los Angeles, Cal.
Kentucky Oxygen Hydrogen Co., 1416 Magazine, Louisville, Ky.
Ohio Electrolytic Oxygen Co., 942 Kenyon av, Cincinnati, Ohio
Standard Gas Products Co. Inc. (Compressed), Atlanta, Ga.

6513a— Hydrogen Dioxide

Bene John & Sons, 645 Dean, Brooklyn, N. Y.
Brewer & Co., Worcester, Mass.
Fels & Co., 73rd & Woodland av, Phila. Pa.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallenckrodt Chem. Wks., 2nd & Mallinckroft, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

6514— Hydrogrounds

Brach L. S. Supply Co., 129 Sussex av, Newark, N. J.
Lord Mfg. Co., 105 W 40th, New York

6515— Hydrokineters

Bethlehem Shipbuilding Corp., Ltd. (Boiler Circulating), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book

6516— Hydrometers

American Thermo-Ware Co. (Battery, for Storage Use), 16 Warren, New York
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.
Braun-Knecht-Heimann Co. (Oil), 576-584 Mission, San Francisco, Cal.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Edelmann E. & Co. ("Break Not"), 341 E Ohio, Chicago, Ill.
Eimer & Amend, 205 3d av, New York
Fleischhauer F. & Son, Hollis, Long Island, N. Y.
Freas Francis L., Conshohocken, Pa.
Greiner Emil Co., 55 Fulton, New York
Griebel Instrument Co. (Oil, etc), Carbondale, Pa.
Heil Henry Chemical Co., St. Louis, Mo.
Hoehn R. Co., 31 Union sq., New York
Huddleston J. S. F., 132 Hanover, Boston, Mass.
Katz Wm. & Co., 1368 De Kalb av, Brooklyn, N. Y.
Kessling Edw., 96 Suydam, Brooklyn, N. Y.
Lenz Apparatus Co., 9 E 16th, New York
Luthy Hydrometer Co., 7 Woodward, Detroit, Mich.
Moeller A. E. Co. ("A. E. M." Battery-Meter, Acid, Thermo & Gasoline), 261 Sumpter, Brooklyn, N. Y.
New York Thermometer Co., 36 E 23rd, New York. Factory, Brooklyn, N. Y.
See adv index at end of book
Palmer Co., 116 W 6th, Cincinnati, O.
Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.
Scientific Instrument Co. Marquette bldg, Detroit, Mich.
Storage Battery Supply Co., 239 E 27th, New York
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Tagliabue G. (Est. of), 302 Pearl, New York
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Vuille Chas. A., Huntingdon, Pa.
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Wagner Glass Works (Also Barometers), 697 E 132nd, New York
Warren Products Co., 265 B'way, New York *See adv index at end of book*
Weinhagen & Hespe, 159 Leonard, New York
Weiskopf A., 16 S Clinton, Chicago, Ill.
Weiss Albert A. & Co., 572 Gates av, Brooklyn, N. Y.
Wilder-Pike Thermometer Co., Troy, N. Y.

6517— Hydrone

Roessler & Hasslacher Chemical Co. (For Producing Hydrogen), 709 6th av, New York

6518— Hydrophants

Huddleston J. S. F., 132 Hanover, Boston, Mass.

6519— Hydroquinene

Merck & Co., 45 Park pl, New York
National Aniline & Chemical Co. (Inc.), 21 Burling Slip, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J..

6520-1-2-3— Hygrometers

Davis Instrument Mfg .Co. (Pocket), 112 W Fayette, Baltimore, Md.
Draper Mfg. Co., 152 Front, New York
FOXBORO COMPANY, THE, ("Foxboro," Recording), Foxboro, Mass.
See adv index at end of book
Freas Francis L., Conshohocken, Pa.
Green Henry J. (Harr), 1191 Bedford av, Brooklyn, N. Y.
McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York
Philadelphia Thermometer Co. ("Masons," Wet & Dry Bulb), 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

6524—Hypsometers or Thermo-Barometers

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

6525— Ice Tanks & Pans

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
DOVER BOILER WORKS, Sales Office: 40 Church. New York; Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ill.
See adv index at end of book
Hamler Boiler & Tank Co., Dept. H, W. 66th & S. 60th av, Chicago, Ill.
Holan Metal Products Co. (The) (Ice Tanks), W. 40th & Clark av, Cleveland, O. *See adv index at end of book*
INGRAM-RICHARDSON MFG CO. (Enameled Iron), Beaver Falls, Pa.
See adv index at end of book
McNamara Bros. Co., Westport, Baltimore, Md.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

6525a— *Ice Tools

GIFFORD-WOOD CO., Hudson, N. Y.

6525b— Ichthyol

Meadows Chemical Co., 52 Vanderbilt av, New York
Merck & So., 45 Park pl, New York

6526—Icing Systems (Refrigerator Car)

LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.

6527—Idlers (Belt Conveyor)

Alvey-Ferguson Co., 70 North av, Oakley Cincinnati, O.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*

6528— Idlers (Grooved)

Dow Wire & Iron Works, Louisville, Ky.
Hill Clutch Co., W 65th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

6529—Igniters (Delay Electric)

Atlas Powder Co., Wilmington, Del.
Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.) (For Blasting), Wilmington, Del. *See adv index at end of book*
Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co., Wilmington, Del.

6530—Igniters (Gas & Gasoline Engine)

(Magnetos & Dynamos)

Akar Ignition Co. ("Akar"), 149 W Berkley, Phila., Pa.
American Bosch Magneto Corp. ("Bosch"), North Main, Springfield, Mass.
American Swiss Magneto Co., Toledo, Ohio
Apollo Magneto Corp. ("Apollo"), Kingston, N. Y.
Atwater-Kent Mfg. Works, 4937 Stenton av, Phila., Pa.
Bosch Magneto Co. ("Bosch" Magnetos), 223 W 46th, New York
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Christensen Engineering Co., 841 30th, Milwaukee, Wis.
Connecticut Telephone & Electric Co., Inc (Magnetos), Meriden, Conn.
Dayton Engng. Laboratories Co., Dayton, O.
Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
Dayton Engineering Laboratories Co., Dayton, O.
Dow Mfg. Co., Braintree, Mass.
Eisemann Magneto Corp., 32 33rd, Brooklyn, N. Y.
Elkhart Mfg. Co. ("Elkhart"), Monroe, Mich.
Heinze Electric Co., Lowell, Mass.
Henricks Magneto & Electric Co. ("Comet" Low Tension), Indianapolis, Ind.
Hercules Electric Co. ("Wizard" & "Star" Spark Generators), Indianapolis, Ind.
K-W Ignition Co. ("Vim"), Chester av & E 30th, Cleveland, O.
Kendrick, Davis Co. ("K. & D"), Lebanon, N. H.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Lauraine Magneto Co., Inc. ("Lauraine" Magnetos for Airplanes, Automobiles, etc.), 181 13th, Long Island City, N. Y.
Marburg Bros. ("Mea" Magnetos), 90 West, New York
Motsinger Device Mfg. Co. ("Auto Sparker"), Lafayette, Ind.
Motor Compression Co., Newark, N. J.
North East Electric Co., Rochester, N. Y.
Noxon C. Per Lee, Syracuse, N. Y.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Orswell Igniter Co., 95 Milk, Boston, Mass.
Recording & Computing Machine Co. ("Ohmer"), Dayton, O.
Remy Electric Co. ("Remy" Magnetos), Anderson, Ind.
Schug Elec. Mfg. Co. ("Schug" Ignition Storage Battery), 252 E Larned, Detroit, Mich.
Simms Magneto Co., East Orange, N. J.
Simplex Magneto Co. (Inc.), ("Simplex"), 1790 B'way, New York
Sevison Electric Co., Elkhart, Ind.
Sleeper Co. ("M. & S.," also Automobile Magneto), Fowler, Ind.
Splitdorf Electrical Co. (High & Low Tension Magnetos), 98 Warren, Newark, N. J.
Standard Motor Construction Co., 130 Whiton, Jersey City, N. J.
Stecker Elec. & Machine Co., Dewey, Detroit, Mich.
Sumter Elec'l Wks. ("Dixie," "Sumter," "Imp" & "Satan," Sumter, S. C.
Thordarson Elec. Mfg. Co. ("Thordarson"), 507 S Jefferson, Chicago, Ill.
Titan Engng. Co., Union City, Ind.
Troy Auto Specialty Co., Troy, N. Y.
Wagner-Hoyt Elec. Co., 1902 B'way, New York
Webster Electric Co., Racine, Wis.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Wico Electric Co. ("Wico"), 132 Liberty, Springfield, Mass.
Witherbee Igniter Co. ("Volta" & "Witherbee" Storage Battery Igniter), 1904 B'way, New York

Ignition Apparatus

See Batteries; also Coils, Spark; also, Plugs, Spark; also Igniters, Gas & Gasoline Engine.

6530a— Ignition Systems

Eisemann Magneto Corp., 32 33rd, Brooklyn, N. Y.
Philbrin Corp. ("Philbrin"), Kennett Square, Pa.
Wagner Electric Mfg. Co. ("Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.

6531—Illuminated Thresholds for Elevators

Elevator Supplies Co. ("Ricketts"), Hoboken, N. J.

6532— Illuminators (Oven)

Albrecht Francis J. (For Bakers' Ovens), 1146 Penn av, Pittsburgh, Pa.
Beitner George L. **("Perfect"), Bridgeport, Conn.**
Dutchess Tool Co. ("Eureka," Gas or Electric, "Cincinnati," Oil), Fishkill-on-Hudson, N. Y.
Robson Chas. & Co. ("Robson"), 8th & Washington av, Phila., Pa.

6532a— Ilmenite

American Rutile Co., 622 F. N W, Washington, D. C.

6533—Impregnating (Vacuum Process)

Devine J. P. Co., Buffalo, N. Y.
Nelson I. R. (To Impregnate Magnet, Field & Transformer Coils, Armatures, Insulator Pins, etc), 85 Columbia, Newark, N. J.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

6534—*Impregnators (Fabric)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

6535—Incandescent Lamp Turndown Attachment

Wirt Co. ("Dim-A-Lite"), Germantown, Phila., Pa.

Incinerators (Garbage)

See Garbage Disposal Plants

6536—Incinerators (Night Soil & Refuse)

McCall Incinerator Co., Memphis, Tenn.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Odorless Construction Co., 103 Park av, New York
Stearns E. C. & Co. ("Incinerite" Refuse), 450 Oneida, Syracuse, N. Y.
U. S. Incinerator Co., Buffalo, N. Y.

6537—Incinerators (Platinum)

Bishop J. & Co., Malvern, Pa.

6538— Incinerators (Rotary)

Manitowoc Engineering Works, Manitowoc, Wis.
Pusey & Jones Co., Wilmington, Del.

6538a— Incinerators (Toilet)

Harris Municipal Garbage Incinator & Steam Garbage Co. ("Harris"), Nashville, Tenn.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Inclinators (Carboy)

See Rockers, Carboy

6539— Incline Planes

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

6540— Inclinometers

STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

6541—Increasers (Closet Spud)

Trenton Brass & Machine Co., Trenton, N. J.

6542—Incubators (Bacteriological)

Castle Wilmot Co., Rochester, N. Y.
Chicago Surgical & Elec. Co., 324 W Superior, Chicago, Ill.
Eimer & Amend ("Freas" Electric), 205 3rd av, New York
Gray Peter & Sons, Inc., 286 3d, East Cambridge, Mass.

6543—Incubators & Brooders

Banta & Bender Company, Ligonier, Ind.
Belle City Incubator Co. ("Belle City"), Racine, Wis.
Bennett J. A. & Son ("Champion"), Gouverneur, N. Y.
Buckeye Incubator Co. ("Bantam," "Buckeye"), Springfield, O.
Buffalo Incubator Co., 543 Seneca, Buffalo, N. Y.
Cabinet Mfg. Co., Quincy, Ill.
Candee Incubator & Brooder Co. ("Candee" Hot Air & Hot Water), Eastwood, N. Y.
Cycle Hatcher Co., Elmira, N. Y.
Cyphers Incubator Co., 14 W Bennett, Buffalo, N. Y.
Des Moines Incubator Co. ("Crescent," "Eclipse," "Successful"), Des Moines, Ia.
Ertel Geo. Co. ("Hatching Wonder," Improved Victor," "Poor Man's Friend"), Quincy, Ill.
Essex Robt. Incubator Co., Buffalo, N. Y.
Fremont Mfg. Co. ("Sure Hatch"), Fremont, Neb.
Gem Mfg. Co., Greenville, O.
Hall Mammoth Incubator Co., Little Falls, N. Y.
Hodgson Ernest F. Co. ("Peep-o-Day"), 116 Washington, Boston, Mass.
Humphreys & Sons, Joliet, Ill.
Indianapolis Corrugating Co. ("Simplicity" Incubators, "None Such" Brooders), 120 S. Dover, Indianapolis, Ind.
Ironclad Incubator Co. ("Ironclad"), Racine, Wis.
Johnson M. M. Company, Clay Centre, Neb.
Jones, Post & Co. ("Great Western"), Racine, Wis.
Klondike Incubator Co. ("Klondike"), Des Moines, Ia.
Leahy Mfg. Co. ("Favorite"), Higginsville. Mo.
Manson-Campbell & Sons Co. (Chatham"), 45 Federal, Detroit, Mich.
Merryman S. Howard, Towson, Md.
Miller J. W. Co., Rockford, Ill.
Milwaukee Corrugating Co. ("Milcoe" All Metal Brooders), Milwaukee, Wis.
Model Incubator Co., Buffalo, N. Y.
National Incubator Co., Racine, Wis.
Neubert R. F. Co., Mankato, Minn.
Northwestern Stamping Co. (Brooders), Burlington, Ia.
Petaluma Electric Incubator Co., Petaluma, Cal.
Phillips Oliver P., Amo, Ind.
Prairie State Incubator Co., Homer City, Pa.
Progressive Incubator Co. ("Racine"), Racine, Wis.
Queen Incubator Co., Lincoln, Neb.
Rayo Incubator Co. ("Rayo"), Omaha, Neb.
Reeves Mfg. Co., Dover, O.
Reliable Incubator & Brooder Co., Quincy, Ill.
Sheer H. M. Co. ("Peerless"), Quincy, Ill.
Spokane Incubator Co. ("Spokane"), Spokane, Wash.
Springfield Incubator Co. (All Metal, Automatic), Springfield, O.
Stahl Geo. H. ("Excelsior," Wooden Hen), Quincy, Ill.
Sure Hatch Incubator Co. ("Sure Hatch"), Fremont, Neb.
Thermo Electric Instrument Co., 8H Johnson, Newark, N. J.
Uhl M. & Co., New Washington, O.
Watson Mfg. Co., Lancaster, Pa.
Weimer Abe, Ligonier, Ind.
Wisconsin Incubator Co., Racine, Wis.

6544— Indexes (Book)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Burr Index Co., Hartford. Conn.
Goes Lithographing Co. (Corp. Books), 42 W. 61st, Chicago, Ill.

6545— Indian Clubs

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Hellenberg J. B. Co., Coldwater, Mich.
Roneo Co., 117 Leonard, New York
Saginaw Wood Products Co., Gaylord, Mich.
Somer Jno. Faucet Co., 30 Morris av, Newark, N. J.

6546—*Indicator Attachments

LUNKENHEIMER CO., Executive Offices and Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

6547—*Indicators (Ammonia)

Crosby Steam Gage & Valve Co. ("Crisby"), 40 Central, Boston, Mass. *See adv index at end of book*
Trill Indicator Co., Elm, Corry, Pa. *See adv index at end of book*

6548—Indicators (Carbon Dioxide)

Bachrach Industrial Instrument Co., H. Murtland & Bennett, Pittsburgh, Pa.
Defender Automatic Regulator Co., 709H Pine, St. Louis, Mo.

Precision Instrument Co., 21 Halsey, Newark, N. J.
Uehling Instrument Co., 71 B'way, New York

6550—Indicators (Combustion)

Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Uehling Instrument Co., 71 Broadway, New York

6551— Indicators (Course)

Hand John & Sons Co. ("Faulkner-Ellis"), 208 Chestnut, Phila., Pa.

6552— Indicators (Draft)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Uehling Instrument Co., 71 Broadway, New York

6553—Indicators (Electric Speed)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile Engine), East Pittsburgh, Pa. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

6554— Indicators (Elevator)

Elevator Supplies Co. (Mechanical), Hoboken, N. J.
Gorham Co., Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Knickerbocker Electric Co. (Mechanical), 116 West, New York
Sommerville Elevator Co. (Fluid), 156 W 30th, New York
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*

6555—Indicators (Engine & Efficiency)

Bachrach Industrial Instrument Co. ("Machak"), H Murtland & Bennett, Pittsburgh, Pa.

6555a—Indicators for Diesel Engines

CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Masss.
Trill Indicator Co., Elm, Corry, Pa.
See adv index at end of book

6556—Indicators (Fuel Level)

Akron-Selle Co., Akron, O.
Apex Electric Mfg. Co., 1410 W 59th, Chicago, Ill.
Barcy-Nicholson Co. (Gasoline Gauges for Fords), 837 W. Fort, Detroit, Mich.
Boston Auto Gage Co. ("Triumph"), 8 Waltham, Boston, Mass.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Moto-Meter Co. (Inc.), 15 Wilbur av, L. I. City, N. Y.
NATIONAL GAUGE & EQUIPMENT CO. ("National"), La Crosse, Wis. *See adv index at end of book*
Retlaw Mfg. Co., 812 Woodbridge, Detroit, Mich.
Ritz-Woller, Oliver Co. ("Jr. Gasometer"), 166 W Lake, Chicago, Ill.
Rochester Mfg. Co. ("Mercury"), 891 Halstead, Rochester, N. Y.

6557— Indicators (Gas)

American Safety Lamp & Mine Supply Co. ("Beard-Mackie"), Scranton, Pa.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Uehling Instrument Co., 71 B'way, New York

6558—Indicators (Gas Engine)

American Steam Gauge & Valve Mfg. Co. ("American Thompson Improved") 208 Camden, Boston, Mass.
Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.
CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
Meriam Co. ("Meriam"), Meriam bldg, Cleveland, O.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Trill Indicator Co. ("Triumph"), Corry, Pa.

6559—Indicators (Gas Leak)

Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.
Taylor Instrument Co.'s, Rochester, N. Y.

6560— Indicators (Helm)

Cory Chas. & Son, 290 Hudson, New York
Electro-Dynamic Co., Bayonne, N. J.
Hyde Windlass Co., Bath, Me.
McNab Co. ("McNab"), Bridgeport, Conn.
Marine Electrical Co., Lorain, O.

6561—*Indicators (Hydraulic)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So. 5th, Brooklyn, N. Y. *See adv index at end of book*

6562— Indicators (Lathe)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney Dial"), Waltham, Mass.

6563—Indicators (Lightning)

Bajohr Carl Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.

6564—Indicators (Locomotive Train Number)

Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.

6565—Indicators (Log Setting)

Filer & Stowell Co., Milwaukee, Wis.
Lane Mfg. Co., Montpelier, Vt.

Indicators (Low Water)

See Alarms, Low Water

6566— Indicators (Machine)

Norton Grinding Co. (For Testing Truth & Alignments of Machine Parts), Worcester, Mass.
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney Dial"), Waltham, Mass.

6567— Indicators (Marine)

American Speed Indicator Co. ("Kenny"), New London, Conn.
Cummings Ship Instrument Works ("Cummings" direction, also speed), 110 High, Boston, Mass.
McNab Co. ("McNab" Direction & Revolution; also "McNab" Steering), Bridgeport, Conn.
Star Brass Mfg. Co. ("Star" Speed), 53 Oliver, Boston, Mass.

6568—Indicators (Phase Rotation)

Minerallac Electric Co., 1045 Washington bl, Chicago, Ill.

6569— Indicators (Polarity)

Dale Lighting Fixture Co., 107 W 13th, New York
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*

6570— Indicators (Post)

Glamorgan Pipe & Fdry Co., Lynchburg, Va.

6571-2—Indicators (Railroad Speed)

Stewart-Warner Speedometer Corp. "Warner," "Stewart"), 1826 Diversey parkway, Chicago, Ill.
Trill Indicator Co., Elm, Corry, Pa. *See adv index at end of book*

6573-4—Indicators (Revolution Recording)

Uehling Instrument Co., 71 B'way, New York

6575—Indicators (Sight Flow)

LUNKENHEIMER CO. ("Independent" & "Unit"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Richardson-Phenix Co. ("R. P.") to Indicate Oil, Gas or Water Flow in Pipe Lines), 131 2nd, Milwaukee, Wis.

6576— Indicators (Smoke)

Boiler Room Improvement Co. ("Eclipse"), 8 S. Dearborn, Chicago, Ill.
Scientific Instrument & Elect. Mach. Co., Mechanicsburgh, Pa.

6577—Indicators (Specific Gravity)

Braun-Knecht-Heimann Co. (Cement, Gas), 576-584 Mission, San Francisco, Cal.

6578— Indicators (Speed)

See also Tachometers

American Speed Indicator Co. ("Kenny" Marne), New London, Conn.
Bowsher N. P. Co. ("Bowsher" Speed or Motion, for Machinery, etc.), South Bend, Ind.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Speed Indicator Co. (Auto, etc), W 112th & Locust, Cleveland, O.

Crosby Steam TRADE-MARK CROSBY Standard Appliances

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INDICATORS (SPEED)—continued

Cummings Ship Instrument Works ("Cummings" Marine), 110 High, Boston, Mass.
Disston Henry & Sons (Inc.), Tacony, Philadelphia, Pa.
Durant Mfg. Co. ("The Producimeter"), 655 Buffum, Milwaukee, Wis.
Emerson, Smith & Co., Beaver Falls, Pa.
Goodell Pratt Co., Greenfield, Mass.
Greene, Tweed & Co. ("Empire," "Weiss"), 109 Duane, New York
Hart R. A., Battle Creek, Mich.
Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
Lombard Governor Co. (Long Distance), Ashland, Mass.
McDonnell Odomoter Co., 3501-3 S Kedzie av, Chicago, Ill.
Packer Thos. ("L. B. Taylor's"), Union City, Conn.
Precision Instrument Co. (Air), 21 Halsey, Newark, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stewart-Warner Speedometer Corp. ("Stewart," "Warner"), 1826 Diversey parkway, Chicago, Ill.
Tanit Co. ("Taylor"), Stroudsburg, Pa.
Uehling Instrument Co., 71 B'way, New York
Veeder Mfg. Co. ("Veeder" Counter & Lochemeter), Hartford, Conn.
Woodman R. Mfg. & Supply Co. ("Woodman & Hudson's"), 82 Sudbury, Boston, Mass.

6579—Indicators (Steam Engine)

Ashcroft Mfg. Co. ("Tabor"), 119 W 40th, New York
Bacharach Industrial Instrument Co. ("Maihak"), 14 Wood, Pittsburgh, Pa.
CROSBY STEAM GAGE & VALVE CO., "Crosby" Deisel Oil Engine), 40 Central, Boston, Mass.
See adv index at end of book
Jost's Edmund Sons, 58 1st, Newark, N. J.
Robertson Jas. L. & Son ("Robertson," "Thompson"), 78 Murray, New York
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Thompson Richard & Co. ("Thompson," "20th Century," "Bachelder"), 146H Liberty, New York
Trill Indicator Co. ("Trill," "Triumph," "Perfection"), Corry, Pa.
Uehling Instrument Co., 71 B'way, New York

6580—*Indicators (Surface Speed)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th Brooklyn, N. Y.
See adv index at end of book

6581—Indicators (Switch & Tower)

Federal Signal Co. Albany, N. Y.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

6582—*Indicators (Synchronism)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

6583— Indicators (Tank)

See also Alarms High & Low Water

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Caldwell W. E. Co., Louisville, Ky.
Flint & Walling Mfg. Co., Kendallville, Ind.
Quimby Engineering Co. ("U. S. Standard" Mercury), 450 N 10th, Phila., Pa.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.

6584— Indicators (Test)

AMES B. C. CO. ("Ames" dial), North Station, Waltham, Mass.
See adv index at end of book
Boulet Jos. H. ("Boulet's"), Universal Micrometer), Sebago Lake, Me.
Brown & Sharpe Mfg. Co. (Dial Lathe, etc.), Providence, R. I.
Johnson & Miller, 42 Murray, New York
Koch Henry, Nyack, N. Y.
Lowe Henry A. ("Last Word"), 1374 E 66th, Cleveland, O.
Robinson C. E. Co., Orange, Mass.
STARRETT L. S. CO. (THE), ("Universal"), Athol, Mass.
See adv index at end of book
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Dial Lathe, etc.), Waltham, Mass.

6585—Indicators (Train Arrival & Departure)

National Indicator Co., 852 Vernon av, Long Island City

6586-7— Indicators (Valve)

Walworth Mfg. Co. (The Half), Boston, Mass.

Indicators (Water)

See Alarms, Low Water, for Boilers

6588— Indigo

See also Aniline Colors, Dyes & Dyestuffs
Aniline Dye & Chemical Co., Inc. (Synthetic), 134 Cedar, New York
Arnold Hoffman & Co. (Imp.), 55 Canal, Providence, R. I.
Dow Chemical Co. (Paste & Powdered) (Synthetic), Midland, Mich.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Holliday Read & Sons, Ltd., 160 Franklin, New York
Kalle Color & Chemical Co., 530 Canal, New York
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip New York
Ransom L. E. Co. (Imp.), 279 Pearl, New York
United Indigo & Chemical Co. (Ltd.), 176 Federal, Boston, Mass.

6589— Indigotine

Berlin Aniline Works (Imp.), 213 Water, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

6590— Indurated Fibre Ware

Fibre Corporation ("Fibrotta"), Lockport, N. Y.

6590a— Ingot Heating

ROCKWELL W. S. CO., 50 Church, New York, *See adv index at end of book*

6590b—Ingots (Alloy & Composition)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
See adv index at end of book
Harris Benj. & Co., 21st & Loomis, Chicago, Ill.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Newark Bay Smelting & Refining Co., Plumpt Lane, Newark, N. J.

6591— Ingots (Aluminum)

Ajax Metal Co., 46 Richmond, Phila., Pa.
Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York
American Alloys Co., American bldg, Baltimore, Md.
Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.
British Aluminum Co. Ltd., 165 B'way New York
Coates, Bennett & Reidenbach, Rochester, N. Y.
Eagle Smelting & Refining Works, 233 B'way, New York
Earle E. P., 165 B'way, New York
Electric Smelting & Alumnium Co. (Alumnium), Lockport, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Jobbins W. F., Aurora, Ill.
Kemp W. H. Co., 165 Spring, New York
Lowenthal Co., 947 W. 20th, Chicago, Ill.
McInnes Charles E. & Co. Mariner & Merchants bldg, Phila., Pa.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
More-Jones Brass & Metal Co. (Pure & Casting), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 603 W 29th, New York
NATIONAL SMELTING CO., Grant av, Cleveland, O.
See adv index at end of book

ALUMINUM INGOTS
National Smelting Co.
6800 Grant Ave., Cleveland, Ohio

Richards & Company, Inc., 192 Beverly, Boston, Mass.
Seligman Arthur (Imp.), 165 B'way, New York
Trotter Nathan & Co., 36 N Front, Phila., Pa.
United Smelting & Aluminum Co. Inc., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., East Chicago, Ind.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Vernon Metal & Produce Co., 25 Beaver, New York
Weil Louis, 32 B'way, New York
Wenger Paul & Co., 56 Liberty, New York
Winter Son & Co., 64 Wall, New York

6592—Ingots (Brass & Copper)

Ajax Metal Co. ("Ajax" Red & Yellow Brass), 46 Richmond, Phila., Pa.
AMALGAMATED METALS SELLING CO., LTD., 42 Broadway, New York
American Alloys Co., American bldg, Baltimore, Md.
American Smelting & Refining Co. (Copper), 120 B'way, New York
Balbach Smelting & Refining Co. ("N. B. C," and "B. B." Brand Copper), 580 Market, Newark, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Birkenstein S. & Sons (Copper Only), 377 W Ontario, Chicago, Ill.
Brady Brass Co., 170 14th, Jersey City, N. J.
Breuer C. R. Smelting & Refining Co., Beekman & Hople, Cincinnati, O.
Chase Metal Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Clendenin Bros. (Copper), Central av & Fawn, Baltimore, Md.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
Duquesne Reduction Co., Farmers' Bank bldg, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Earle E. P. (Copper), 165 B'way, New York
Eastern Brass & Ingot Corp. of N. Y. (Brass Only), Waterbury, Conn.
Edna Brass Mfg. Co. (Brass Only), Cincinnati, O.
Fidelity Metal Co., 192 Diamond, Brooklyn, N. Y.
Fumkawa & Co., Ltd., (Imp. Copper), 120 B'way, New York
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Harris Benj. & Co., 21st & Loomis, Chicago, Ill.
Hayman Mich'l & Co. (Copper), Buffalo, N. Y.
Hendricks Bros. (Copper), 49 Cliff, New York
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Honkamp Bros. (Copper), 3951 Wentworth av, Chicago Ill.
Hurley & Wainwright (Selling Agents), 81 Fulton, New York
Illinois Smelting & Refining Co. (Brass), 410 Peoria, Chicago, Ill.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
KRAMER H. & CO., Loomis & 21st pl, Chicago, Ill.
Lowenthal Co., 947 W 20th, Chicago, Ill.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
McLaughlin's Sons Co., 230 N 12th, B'klyn, N. Y.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Metal Block Corp. (Brass Briquets), 1230 N Kostner, Chicago, Ill.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
More-Jones Brass & Metal Co. (Brass), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 603 W 29th, New York
National India Rubber Co., Bristol, R. I.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Ohio Metal Co., 1137 No 4th, Columbus, O.
Pacific Metal Works, 153H 1st, San Francisco, Cal.
Pearlman M. M. & Co. (Copper), 1700H S. 25th, Phila., Pa.
Phelps Dodge Corp. (Copper), 99 John, New York
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Reeves Paul S. & Co. (Red, White & Yellow Brass & Pure Copper, etc), 1415 Catharine, Phila., Pa.
Richards & Company, Inc. (Red & Yellow Brass), 192 Beverly, Boston, Mass.
Roessing Bronze Co., Etna, Pa.
Selby Smelting Works (Copper), 201 1st, San Francisco, Cal.
Sofranscy, H. Co., Allentown, Pa.
Tottenville Copper Co. (O. C. T.), Bedell, Tottenville, N. Y.
Trotter Nathan & Co., 36 N. Front, Phila., Pa.
United American Metals Corp. (Syracuse Smelting Works Subsidiary) ("Stanley Process), 192 Diamond, Brooklyn, N. Y.
United Metals Selling Co., 42 B'way, New York
United Smelting & Alumnium Co. Inc. (Jobbers), 183-189 Commerce, New Haven, Conn.
United States Reduction Co. (Red & Yellow Brass Copper, Phospher Copper, etc), East Chicago, Ind.
Vanadium Metals Co. (Brass Only), Vanadium bldg, Pittsburgh, Pa.
Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co., 42 B'way, New York
Vulcan Louisville Smelting Co. ("Vulcan"), 208 S La Salle, Chicago, Ill.

Whipple & Choate (Red & Yellow Brass, etc), Bridgeport, Conn.
White & Bros. (Inc.) (Red & Yellow Brass, etc.), Hedley & Del river, Phila., Pa.
Woodfall Bros., 1105 Fairmount av Phila., Pa.
Youngs Geo. S. ("Y"), Bridgeport, Conn.

6593— Ingots (Bronze)

Ajax Metal Co. ("Ajax" Acid, Hydraulic, etc), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Coates Bennett & Reidenbach, Rochester, N. Y.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 Broadway, New York
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Edna Brass Mfg. Co., Cincinnati, O.
Genesee Metals Co., Rochester, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Lowenthal Co., 947 W. 30th, Chicago, Ill.
More-Jones Brass & Metal Co., B'way & **Dock, St. Louis, Mo.**
National Fulton Brass Mfg. Co. ("Monarch"), 28 Brush, Detroit, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Roessing Bronze Co., Etna, Pa.
United Smelting & Aluminum Co. (Inc.), 183-189 Comerce, New Haven, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Youngs Geo. S. ("Y."), Bridgeport, Conn.

Ingots (Copper)

See Ingots, Brass & Copper

Ingots (Iron)

See Pig Iron

Ingots (Lead)

See Lead, Pig

6594—Ingots (Manganese Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
AMALGAMATED METALS SELLING CO., LTD., 42 Broadway, New York
American Alloys Co., American bldg, Baltimore, Md.
AMERICAN MANGANESE BRONZE CO. ("S. M. B." "A. M. B."), **3501** Rhawn, Phila., Pa.
Atkinson Co., Rochester, N. Y.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.
Eagle Smelting & Refining Works, 233 Broadway, New York
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Reeves Paul S. & Co. ("Tubal"), 1415 Catharine, Phila., Pa.
Whipple & Choate, Bridgeport, Conn.

6595— Ingots (Nickel)

Aluminum Co. of America, 2400 Oliver bldg., Pittsburgh, Pa.
International Nickel Co., 67 Wall, New York
Nassau Smelting & Refining Works, 607 W 29th, New York
STEEL SALES CORP., 129 S. Jefferson, Chicago, Ill.
United States Nickel Co., New Brunswick, N. J.
Williams & Co., Inc., 907-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

6596—Ingots (Phosphor Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Atkinson Co., Rochester, N. Y.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Edna Brass Mfg. Co., Cincinnati, O.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
More-Jones Brass & Metal Co., B'way & **Dock, St. Louis, Mo.**
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
PHOSPHOR BRONZE SMELTING CO., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Whipple & Choate, Bridgeport, Conn.

6597— Ingots (Steel)

See also Billets, Blooms & Slabs, Steel

American Bridge Co. (Open Hearth), 30 Church, New York
American Tube & Stamping Co. (Open Hearth), Bridgeport, Conn.
Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
Anniston Electric Steel Corp., Anniston, Ala.
Ashland Steel Co. (Bessemer), Ashland, Ky.
Atlantic Steel Co., Atlanta, Ga.
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
Braddock Mfg. Co. (Acid Open Hearth), Braddock, Pa.
Brier Hill Steel Co., Youngstown, O.
Buchanan Electric Steel Co. (Electric), Buchanan, Mich.
Cambria Steel Co. (Bessemer Open Hearth), Widener bldg, Phila., Pa.
Carbon Steel Co. (Acid & Basic Open Hearth), **ft. 32nd, Pittsburgh, Pa.**
Carnegie Steel Co. (Open Hearth & Bessemer), Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co. (Open Hearth), Harrisburg, Pa.
Chrome Steel Works (Chrome Steel), Chrome, N. J.
Colorado Fuel & Iron Co, (Bessemer & Open Hearth), Denver, Col.
Crucible Steel Co. of America (Crucible & Open Hearth), **Oliver bldg, Pittsburgh, Pa.**
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Edgewater Steel Co., Edgewater Station & A. V. R. R., Pittsburgh, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book
Farist Steel Co. (Crucible), Bridgeport, Conn.
Frasse Peter A. & Co., Inc., 417 Canal, New York
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
General Steel Co., ft 40th, Milwaukee, Wis.
Gulf States Steel Co. (Basic Open Hearth), Birmingham, Ala.
Hammond Steel Co., Inc., Syracuse, N. Y.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth), Herr nr 10th, Harrisburg Pa.
Hess Steel Corp. (Electric), Loney's la & Biddle, Baltimore, Md.
Illinois Steel Co. (Forging Ingots), 208 S La Salle, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
JESSON STEEL CO. (Crucible), Washington, Pa.
Judson Mfg. Co. (Open hearth steel ingots for forging of crank shafts and for shipbuilding purposes), 819 Folsom, San Francisco, Cal.
Lackawanna Steel Co. (Bessemer & Open Hearth), Buffalo, N. Y.
Laclede Steel Co. (Basic Open Hearth), Arcade bldg, St. Louis, Mo.
Llewellyn Iron Works, 1200H N. Main, Los Angeles, Cal.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
McConway & Torley Co. (Acid Open Hearth), 48th & A. V. R. R., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

INGOTS
Acid Open Hearth Steel
Carbon Steel or Alloy Steel
For Forging Purposes
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Penn Seaboard Steel Co. (Cast), Franklin Bank bldg, Phila., Pa.
Phoenix Iron Co. (Acid & Basic Open Hearth), 22 S. 15th, Phila., Pa.
Pittsburgh Steel Foundry Co. (Open-Hearth Cast Up to 70,000 lbs.), 1115H Empire bldg., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section.
Tacony Steel Co., Franklin Bank bldg., Phila., Pa.
Tennessee Coal, Iron & R. R. Co. (Open Hearth, Rail, etc), Birmingham, Ala.
Tremont Nail Co. (Soft & Hard Steel), West Wareham, Mass.
West Leechburg Steel Co. (Basic Open Hearth), Farmers Bank bldg, Pittsburgh, Pa.
Whitaker, Glessner Co. (Basic Open Hearth, also "Portsmouth Iron" & "Ohio Metal"), **Wheeling, W. Va.**
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6598— Ingots (White Metal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Seymour Mfg. Co., Seymour, Conn.

6599-600 Ingots (Zinc)

AMALGAMATED METALS SELLING CO., LTD., 42 Broadway, New York
American Smelting & Refining Co., 120 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Detroit White Metal Co., Inc., 628 W Jefferson av, Detroit, Mich.
Eagle Smelting & Refining Works, 233 B'way, New York
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Nassau Smelting & Refining Works, 607 W 29th, New York
Penna. Smelting Co., 1st National Bank bldg., Pittsburgh, Pa.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Sofranscy, H. Co., Allentown, Pa.
Vogelstein L. Co., 42 B'way, New York

Injectors (Boiler)

See Injectors & Ejectors, Boiler

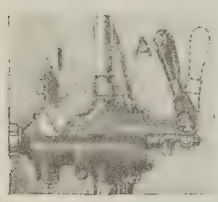
6601—Injectors (Locomotive)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Davoren W. T. Brass Finishing Wks. ("Davoren-Denver" Standard), 1241 12th, Denver, Colo.
Edna Brass Mfg. Co. ("Edna"), Cincinnati, O.
Griffiths Jas. A. ("Eclipse"), 1315 Buttonwood, Phila, Pa.
Hancock Inspirator Co. ("Hancock" Inspirators, for Locomotive, Marine & Stationary Purposes), 119 W 40th, New York
Hayden & Derby Mfg. Co. ("Metropolitan," Stationary & Marine, etc.), 119 W 40th, New York
Nathan Mfg. Co. ("Simplex," "Nathan," "Monitor"), 416 E 106th, New York
Ohio Injector Co. ("Garfield," "Chicago," "Ohio"), Wadsworth, O.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
United Injector Co. ("Hancock," "Metropolitan," "H. D."), 119 W. 40th, New York

6602-3-4—Injectors & Ejectors (Boiler)

American Injector Co. ("U. S."), 173 14th av, Detroit, Mich.
Belfield H. Co. (Ejectors), 435 N Broad, Phila., Pa.
Blakeslee Mfg. Co. (Jet Pumps), Du Quoin, Ill.
Champion Hardware Co. ("National" Automatic), Geneva, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Desmond-Stephan Mfg. Co. ("Desmond"), Urbana, O.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Douds Frank C. & Co. ("Douds," Ejectors, Jet Pumps, Syphons), New Castle, Pa.
Eynon-Evans Corp. (& "Eynon-Korting"), N. 15th & Clearfield, Phila., Pa.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Griffiths Jas. A. ("Keystone," "Champion," "Eclipse"), 1315 Buttonwood, Phila., Pa.
Hancock Inspirator Co. ("Hancock" Inspirators & "Hancock" Ejectors & Drivewell Ejectors), 119 W 40th, New York
Hayden & Derby Mfg. Co. ("Metropolitan," Injectors, "H-D" Ejectors) 119 W 40th, New York
Hennebohle Frank (Ejectors), 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book

INJECTORS & EJECTORS (BOILER)—continued
Kincaid Bros. ("Eureka"), 211 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Nason Mfg. Co., 71 Fulton, New York
Nathan Mfg. Co. ("Nathan," "Gresham," "Monitor," "Simplex," "Friedmann"), 416 E 106th, New York
Ohio Injector Co. ("Garfield" Double Jet, "Chicago" Automatic), Wadsworth, O.
Pancoast Henry B. Co. ("Model"), 950 N Front, Phila., Pa.
Penberthy Injector Co. ("Penberthy," "Automatic," "Auto-Positive" & "XL-96"), 346 Holden av, Detroit, Mich.
POWELL WM. CO. (Sanitary & Marine Injectors, only Automatic Auto-Positive & "X-1-96"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Randle Machinery Co. ("Leader"), C. H. & D. Ry. Powers, Cincinnati, O.
Rue Mfg. Co. ("Little Giant," "Unique" & "Fixed Nozzle"), 228 Cherry, Phila., Pa.
SCHUTTE & KOERTING CO. ("Koerting" & "Universal"), 1251 N 12th, Phila., Pa. *See adv index at end of book*


Double Tube Design. High suction simple; positive action. Handles water at high temperatures. *Catalog I-A.*
Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa

Sellers Wm. & Co. (Locomotive & Boiler), 1600 Hamilton, Phila., Pa.
Sherwood Mfg. Co. ("Buffalo," "Sherwood," "Eagle"), 1709 Elmwood, Buffalo, N. Y.
Stephens, Roe Mfg. Co. ("Michigan," "Roe," "Detra"), 1097 McKinley, Detroit, Mich.
Tranter Mfg. Co. ("Colls"), 105 Water, Pittsburgh, Pa.
United Brass & Aluminum Mfg. Co., Port Huron, Mich.
United Injector Co. ("Hancock," "Metropolitan," "H-D"), 119 W 40th, New York
Watson N. A. ("Excelsior"), Erie, Pa.
Watson & McDaniel Co. ("McDaniel"), Ejectors), 146 N 7th, Phila., Pa.

Ink Grinding Machinery

See Mills, Ink Grinding

Ink Wells

See Inkstands & Wells

6605— Inks (Canners')

Consolidated Stamp Mfg. Co., 87 Maiden la, New York
Swisher R. D. Mfg. Co. ("Is Boiler Proof"), 413 S Clinton, Chicago, Ill.

6606— Inks (Drafting)

Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York
Dietzer Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Johnston J. W. ("Snow-White" Marking Fluid), New Arts bldg., Rochester, N. Y.
Keuffel & Esser, Hoboken, N. J.
Morrill Geo. H. Co., Norwood, Mass.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Post Frederick Co., 319 S. Wabash av, Chicago, Ill.
Taylor Bros. Co. ("Opake" Quick Drying Water Proof, for Tracing Cloths), 706 Superior av, N W, Cleveland, O.
Tower Mfg. & Novelty Co. ("Arnold's"), 326 B'way, New York
WEBER F. & CO. (Black & Colored), 1220 Buttonwood st, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md.

6607— Inks (Duplicator)

Duplicator Mfg. Co., 530 S. Dearborn, Chicago, Ill.
Fuller, Louis E. 226 W 75th, New York
Kruse Printing Ink Co., 437 Pearl, New York

6608— Inks (Embossing)

BINSWANGER B. & CO., 329 N 3rd, Phila., Pa.
Geetjens Chas. F., 626 4th av, Brooklyn, N. Y.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Standard Ink & Color Co., 129 Atkins av, Brooklyn, N. Y.

6609— Inks (Indelible)

Applegate Chemical Co., 6322 Ellis av, Chicago, Ill.
Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York
Defiance Mfg. Co., 223 41st, New York
Williston R. L. ("Payson's"), Northampton, Mass.

6610— Inks (Marking)

Binney & Smith Co. ("Eclipse"), 81 Fulton, New York
Botts Marking Ink Co., 330 Pearl, New York
David's Thaddeus Ink Co., 97 Vandam, New York
Diagraph Stencil Machine Corp., 9th & Clinton, St. Louis, Mo.
Everett & Barron Co., 359 Eddy, Providence, R. I.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Johnston J. W. ("Snow White" Marking Fluid), New Arts bldg, Rochester, N. Y.
Marsh Shipping Service, Inc. (Stencil), Belleville, Ill.
Spencer S. M. Mfg. Co., (Indelible), 9 Cornhill, Boston, Mass.
Volger B. G. Mfg. Co. ("Volger," Indelible), Passaic, N. J.

6611— Inks (Metal Marking)

Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Strasenburgh R. J. & Co., Rochester, N. Y.

6612—Inks (Numbering Machine)

Carter's Ink Co., E Cambridge, Boston, Mass.
Heale J. A. & Co., 96 John, New York
Keystone Stationery Co. ("Never Smear"), 539 Wood, Pittsburgh, Pa.

6613—Inks (Printing & Lithograph)

Acheson Ink Co., Niagara Falls, N. Y.
Acme Printing Ink Co., 548 W Harrison, Chicago, Ill.
American Luminous Products Co. (Luminous), Huntington Park, Cal.
American Pad & Ink Co., 22nd & Glenwood av, Phila., Pa.
American Printing Ink Co., 1127 W 6th, Cincinnati, O.
American Printing Ink Co. (Wood Printing), 2314 W Kinzie, Chicago, Ill.
Ampt Chas. F. Co., 112 E Water, Cincinnati, O.
Auld Hampton, 106 Verona av, Newark, N. J.
Ault & Wiborg Co., Cincinnati, O.
Austin Kelly Ink Co., 590 Franklin, Detroit, Mich.
Barnard F. A. & Son, 529 S Dearborn, Chicago, Ill.
Berger & Wirth, 58 Columbia Hts., Brooklyn, N. Y.
Braden Printing Ink Co., 104 St. Clair, Cleveland, O.
Buckeye Ink Co., 141 E 4th, Cincinnati, O.
Buckie Printers Ink Co., 714 S Clark, Chicago, Ill.
Buffalo Printing Ink Works, (Copyable Printing), 348 Ellicott, Buffalo, N. Y.
California Ink Co., 33 Clementina, San Francisco, Cal.
Chicago Printing Ink Co., 24 S Clinton, Chicago, Ill.
Crescent Color & Chemical Wks., 59th & 11th av, New York
Donald Wm. C. & Co., Andover, Mass.
Dunn Ink Works, Buffalo, N. Y.
Eagle Printing Ink Co., 83 Grand, New York
Fuchs & Lang Mfg. Co., 119 W 40th, New York
Fuller Louis E., 226 W 75th, New York
Graham Geo. D., 523 Commercial, San Francisco, Cal.
Hellmuth Chas., 154 W 18th, New York
Hoeffler J. & Co., 18 E 138th, New York
Huber J. M., 602-62nd, Brooklyn, N. Y.
Indiana Chemical & Mfg. Co., 135 S East, Indianapolis, Ind.
Jaenecke-Ault Co. ("Jaco," "Anchor"), Newark, N. J.
Jay Printing Ink Co., 250 Plymouth, Brooklyn, N. Y.
Johnson Chas. Eneu & Co., 509 So 10th, Philadelphia, Pa.
Kansas City Printing Ink Co., 400 B'way, Kansas City, Mo.
Kent Wm. P. & Co., 49 Rose, New York
Kienle & Co., 109 S 5th, Brooklyn, N. Y.
Kohl & Madden Mfg Co, 124 Polk, Chicago, Ill.
Kruse Printing Ink Co., 437 Pearl, New York
Levey Fred. H. Co., 59 Beekman, New York
McCutcheon Bros. & Quality, 1130 Callowhill, Phila., Pa.
Magnetol Printing Ink Co., 461 8th av, New York
Mayer Robt. & Co., 461 8th av, New York
Meyer F. W. Co., 46 Walworth, Brooklyn, N. Y.
Miller-Cooper Ink Co., Kansas City, Mo.
Morrill George H. Co., Norwood, Mass.
Okie F. E. Co., 127 S 2nd, Phila., Pa.
Okie Francis G., 150 N 4th, Phila., Pa.
Pollock Ink Co., 212 Elm, Buffalo, N. Y.
Prescott H. S., 571 Atlantic av, Boston, Mass.
Queen City Printing Ink Co., 1929 South, Cincinnati, O.
Ray Wm. H. Printing Ink Mfg. Co., 735 E 9th, New York
Richmond Printing Ink Co., 16 N 14th, Richmond, Va.
Rigler F. A. Ink Co., Battle Creek, Mich.
Roach Jos. A. & Co., 622 S Dearborn, Chicago, Ill.
Roberts Lewis, 72 Union, Newark, N. J.
Rodgers J. E. Mfg. Co., 206 E 19th, New York
Rogers & McIntyre, 30 S Clark, Chicago, Ill.
Roosen H. D. Co., 461 8th av, New York
Royal Bronze Ink Co., 5144 Irving, Phila., Pa.
Ruxton Philip (Inc.), 220 W 42d, New York
Schwarm & Jacobus Co., 906 B'way, Cincinnati, O.
Senelith Ink Co., Inc., 32 Greene, New York
Siebold J. H. & G. B., 21 W Houston, New York
Sinclair & Valentine Co., 611 W 129th, New York
Sleight Metallic Ink Co., 5907 Market, Phila., Pa.
Southern Oil & Chemical Co., Savannah, Ga.
Standard Ink & Color Co., 129 Atkins av, Brooklyn, N. Y.
Standard Printing Ink Co., 1644 Providence, Cincinnati, O.
Ullman-Philpott Co., 4805 Lexington, Cleveland, O.
Ullman Sigmund Co., 146th & Park av, New York
Underwood John & Co., 62 Park pl, New York
Union Printing Ink Co., Akron, O.
Universal Printing Ink Co., 225 W 39th, New York
Wallace Sterling, 65 Frankfort, New York
Webb - Jensen - Davis Co., 597 Lackett, Brooklyn, N. Y.
Webster F. S. Co., 340 Congregational, Boston, Mass.
Western Merchandise & Supply Co., 326 W Madison, Chicago, Ill.
Wilson W. D. Printing Ink Co., 17 Spruce, New York
Wolff Fred E., 607 S Dearborn, Chicago, Ill.
Wright J. K. Printing Ink Co., 531 N 9th, Phila., Pa.
Zehden Metallic Ink Co. ("Supreme" Gold & Silver), 132 Nassau, New York

6614— Inks (Rubber Stamp)

Carter's Ink Co., E Cambridge, Boston, Mass.
Davids Thaddeus Ink Co., 97 Vandam, New York
Fuller Louis E., 226 W 75th, New York
Heale J. A. & Co. ("Inco"), 96 John, New York
Ink Ribbon Mfg. Co., 635 Howard st, San Francisco, Cal.
Keller Robt. Ink Co., 1441 Brooklyn, Detroit, Mich.
Keystone Stationery Mfg. Co. ("Never-Smear"), 539 Wood. Pittsburgh, Pa.
Morrill Geo. H. Co., Norwood, Mass.
Volger B. G. Mfg. Co., Passaic, N. J.

6615— Inks (Show Card)

Carter's Ink Co. ("Mark-a-Line"), E. Cambridge, Boston, Mass.
Davids Thaddeus Co. ("Letterine"), 97 Vandam, New York
Johnston J. W. ("Snow White" Marking Fluid), New Arts bldg, Rochester, N. Y.
Weber F. & Co., 1220 Buttonwood, Phila., Pa.

6616— Inks (Stencil)

Botts Marking Ink Co. (Paste & Cake), 330 Pearl, New York
Bradley A. J. Mfg. Co., 101 Beekman, New York *See adv index at end of book*
Diagraph Co. ("Diagraph"), 2121 N 9th, St. Louis, Mo.
See adv index at end of book
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Marsh Shipping Service, Inc. (Marking), Belleville, Ill.
Universal Stamp Works, 252 Market, Newark, N. J.

6616a—Inks (Tablet & Powdered)

Keller Robert Ink Co., 1441H Brooklyn, Detroit, Mich.
Salz Bros. ("Salz"), 71 W. 35th, New York

6617— Inks (Tracing Cloth)

Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.

6618— Inks (Writing)

American Luminous Products Co. (Luminous), Huntington Park, Cal.
Bankers Ink Co., Kansas City, Mo.
Barnes National Ink Co., 222 N 5th, Phila., Pa.
Carter's Ink Co. (Indelible, Copying, etc.), E Cambridge, Boston, Mass.
Caw's Pen & Ink Co., 78 Reade, New York

Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Cook B. C. Chemical Mfg. Co., Charlotte, N. C.
Davids Thaddeus Ink Co., 97 Vandam, New York
Davis Emry, 298 B'way, New York
Davis Wm. A. Co. ("U. S. Treasury"), 40 Batterymarch, Boston, Mass.
Diamond Ink Co., 192 E Water, Milwaukee, Wis.
Heller B. & Co. ("Zanzibar"), 3925 Calumet av, Chicago, Ill.
Higgins Chas. M. & Co., 271 [illegible], Brooklyn, N. Y.
Ink Ribbon Mfg. Co., 635 Howard st, San Francisco, Cal.
Keller Robt. Ink Co., 1441 Bklyn, Detroit, Mich.
Kirk Harry D., 2316 W Harrison, Chicago, Ill.
Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Moore J. & I. E. Warren, Mass.
Pomeroy Ink Mfg. Co., 55 E Park, Newark, N. J.
Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
Stafford S. S., 609 Washington, New York
Thomas L. H. Co., W Congress & S Peoria, Chicago, Ill.
Underwood John & Co., 62 Park Place, New York
Woodmansee F. A. ("Woodmansee," Writing & Copying), 117 E Pearl, Cincinnati, O.
Worden Ink & Mfg. Co., 132 Church, New York

6619— Inkstands & Wells

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Hard Rubber Co. (Hard Rubber Inkstands), 9 Mercer, New York
Cushman & Denison Mfg. Co. ("Chelsea," "Capitol," Non-Evaporating), 249 W 23d, New York
Davis Emry ("Davis" Automatic), 298 B'way, New York
General Eclipse Co. ("Eclipse" Pneumatic), Danielson, Conn.
Kimpton Ed. Co., 60 John, New York
National Sheet Metal Co. ("Nicolene"), Peru, Ill.
Scattergood H. W. Co. ("Scattergood" Inkwells), 1722 W Venango, Phila., Pa.
Schimper Wm. & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq. W., New York
Scofield & Co., 30 Beekman, New York
Sengbusch Self-Closing Inkstand Co. (Self-Closing), Stroh bldg, Milwaukee, Wis.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Sneath Glass Co. (Inkwells), Hartford City, Ind.
Stoughton Novelty Mfg. Co., Inc., Stoughton, Wis.
Weeks Frank A. Mfg. Co., 93 John, New York

6620— Inlets (Fresh Air)

Central Foundry Co., 90 West, New York
Du Bois F. N. & Co., 247 9th av, New York
Fee & Mason, 81 Beekman, New York
Hays Mfg. Co., Erie, Pa.
Mott J. L. Iron Works, Trenton, N. J.
Sanitary Co., Dept. H, Linfield, Pa.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

6621— Inlets (Sewer)

American Brake Shoe & Foundry Co., Mahwah, N. J.
Barber Mfg. Co., Ashtabula, O.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, O.
Burch Plow Works Co., Crestline, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
City Foundry Co., 45th & Hamilton av, Cleveland, O.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Davies & Thomas Co., Catassauqua, Pa.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill.
Duplex Mfg. & Fdry Co., Elyria, O.
Ford & Kimball, Concord, N. H.
Gold Coin Stove & Fdry. Co., Albany, N. Y.
Hennessey Foundry Co., Springfield, O.
Kramer Bros. Foundry Co., Dayton, O.
Kuhns Bros., Dayton, O.
Madison Foundry Co. ("Acme"), Cleveland, O.
McDonald Foundry, Columbus, O.
Motor Castings Co., South Bend, Ind.
Nordeen Foundry Co., Everett, Wash.
Over Ewald, Indianapolis, Ind.
Parsons Co., Newton, Ia.
Roanoke Iron Works, Roanoke, Va.
Sessions Foundry Co., Bristol, Conn.
Shunk Plow Co., Bucyrus, O.
South Bend Foundry Co., South Bend, Ind.
Stary Frank & Sons, Cedar Rapids, Ia.
Stuart Foundry Co., 207 Junction, Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Wearne Bros., Omaha, Neb.

6621a—Innersoling (Leather Substitute)

Flintkote Co., 88 Pearl, Boston, Mass.
Rice & Hutchings, Boston, Mass.
Rogers Fibre Co. ("Rofico"), 121 Beach, Boston, Mass.
See adv index at end of book

6621b— Innersoling (Shoe)

Rogers Fibre Co. ("Rofico" Fibre), 121 Beach, Boston, Mass.
See adv index at end of book

6622— Insecticides

Adler Color & Chemical Works, 100 William, New York
Alen H. E. Co. Inc. ("So-Bos-So Kilfly" & Sprayers), Carthage, N. Y.
Aspinwall Geo. H., Cornelison av, Jersey City, N. J.
Barrett Chemical Co., 233 37th, Brooklyn, N. Y.
Baum Bros. Co., Denver, Colo.
Berg & Beard Mfg. Co. (Rat Exterminator), 100 Emerson pl, Brooklyn, N. Y.
Blanchard James A. Co. ("Lion"), 30 Church, New York
Boston Chemical Co., 196 West Canton, Boston, Mass.
Brown's Insecticide Co., 203 E 44th, New York
California Exterminating Co., Inc. (Roach Powder, Bug Liquid, Ant & Rat Poison, etc.), 121 Manhattan, New York
Chemical Supply Co., 2450 Canal rd, Cleveland, O.
Clifton Chemical Co., 317 Greenwich, New York
Columbian Insecticide Co., 552 Columbus av, New York
Conkey G. E. Co. ("Fly King"), 3039 Woodland av, S E, Cleveland, O.
COOK & SWAN CO., INC. ("Sulco V B"), 148 Front, New York
See adv index at end of book
Cremoline Disinfecting Co., 121 Main, St. Louis, Mo.
Danforth Chemical Co. ("Bug Death"), Leominster, Mass.
Dusenberry H. C. (Inc.) ("Mothaline," "Naphtha Camphor"), 95 Gold, New York
Ellis Chas. H. & Son, Port Chester, N. Y.
Felix Girard Co., Inc., 4th av S. & Franklin, Minneapolis, Minn.
Fergusson Alex. Co. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

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Flash Chemical Co. ("Flash Cafo Cear"), 160 Second, Cambridge, Mass.
Frederick Disinfectant Co., Atlanta, Ga.
Frost Insecticide Co., Arlington, Mass.
Glidden Co., Madison av & Berea rd, Cleveland, O.
Good James Inc., Amber & Susquehanna av, Phila., Pa.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hammond Benjamin, Beacon, N. Y.
Hockwald Chemical Co. ("Carbolicide"), 531 Howard, San Francisco, Cal.
Insecticide Co., Phelan bldg, San Francisco, Cal.
Lee Geo. H. Co., Omaha, Neb.
Leggett & Bro. ("Anchor"), 301 Pearl, New York
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Nicotine Mfg. Co., 117 N Main, St. Louis, Mo.
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Painter E. O. Fertilizer Co., Jacksonville, Fla.
Peerless Stock Powder Co. ("Nox-a-Bug"), Falls City, Neb.
Plunkett Chemical Co. ("Bug-no," "Roach-no," "Moth-no"), 2540 Cottage Grove av, Chicago, Ill.
Pratt B G Co. ("Scalecide" Agricultural), 50 Church, New York
Protexol Corporation, 41 Barclay, New York
Rath Mfg. Co. ("Dead Easy"), Hedley E of Richmond, Phila., Pa.
Reade Mfg. Co. ("Readeana" Insect Killer, Hoboken, N. J.
Reilly Co., Indianapolis, Ind.
Riches, Pever & Co., 30 Church, New York
Rosalene Products Co. ("Rosalene"), 667 Howard, San Francisco, Cal.
Sanifat Co., 141 W 36th, New York
Sanitary Products Corp., Phila., Pa.
Schafer Geo. H. & Co. (Centennial," Rat), Fort Madison, Ia.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Standard Chemical Co., 728 Frankfort av, Cleveland, O.
Standard Chemical Co. ("Cedo-Cide"), Houston, Texas
Stearns Electric Paste Co., Peoples Gas bldg., Chicago, Ill.
Stratford Chemical Co., 25 Cortlandt, New York
Wag's Chemical Co. ("Crows"), 312 W. Jackson av, Knoxville, Tenn.
Williams Joseph Co., Sharpsburg, Pa.
Worrell Mfg. Co., 212H N. Main, St. Louis, Mo.

6623— Insoles (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

6624—Inspection of Iron, Steel, Concrete & General Construction

Bartholomew M. L. (Testing a Specialty), Phoenixville, Pa.
Hunt Robt. W. & Co., 175 Jackson blvd, Chicago, Ill. *See adv index at end of book*

ROBERT W. HUNT & CO.
Inspection—Tests—Consultation
All Classes of Construction and Engineering Materials
CHICAGO
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Pittsburgh Testing Laboratory, 7th av & Bedford, Pittsbrugh, Pa.

Inspirators

See Injectors

6624a—Instruments (Aeroplane)

Custer Specialty Co., Dayton, Ohio
National Gauge & Equipment Co., La Crosse, Wis.
Pioneer Instrument Co., 136 Havemeyer, Brooklyn, N. Y.
Sperry Gyroscope Co., 40 Flatbush Ext., Brooklyn, N. Y.

6625—Instruments (Astronomical)

Adams J. F., 22 N May, Chicago, Ill.
Bausch & Lomb Optical Co., Rochester, N. Y.
Berger C. L. & Sons, 37 Williams, Boston, Mass.
Buff & Buff Mfg. Co., rear 98 Green, Jamaica Plain, Boston, Mass.
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Warner & Swasey Co., 5809 Carnegie av, Cleveland, O.
Wissler A., B'way & Wash. av, St. Louis, Mo.

Instruments (Band)

See Instruments, Musical

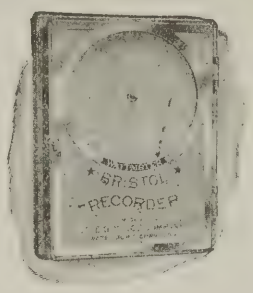
6625a—Instruments (Electrical Recording)

Bristol Co. ("Bristol's Strip Type Ammeter, Voltmeter, & Wattmeter), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Esterline Co., Indianapolis, Ind.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.
Sangamo Electric Co., Dept. H, Springfield, Ill.
Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

6626-7—Instruments (Electrical Testing & Measuring)

AMERICAN STEEL & WIRE CO. ("A. S & W" Rail Bond Testers), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Biddle Jas. G. (Testing), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristols"), Waterbury, Conn. *See adv index at end of book*
Century Electrical Co. ("Century" Field & Armature Tester & Testing Devices), Syracuse, N. Y.
Chicago Apparatus Co. (For Educational Institutions, etc), 32 S Clinton, Chicago, Ill.
Eldredge Electric Mfg. Co., Springfield, Mass.
Electrical Engineering Co., 21 N 6th, Minneapolis, Minn.
Foote, Pierson & Co. ("Delta" Testing), 160 Duane, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gibb Instrument Co. ("Zeus"), Highland bldg, Pittsburgh, Pa.
Hickock Electrical Instrument Co., 10514 Dupont, Cleveland, O.

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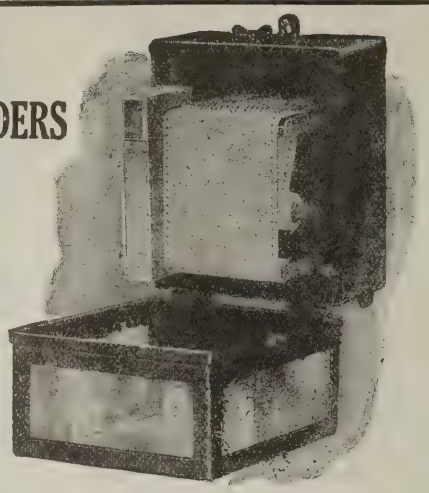
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See adv index at end of book

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18 Madison Avenue - NEW YORK

Joy Machine Co. (Railway Testing), Union Arcade bldg, Pittsburgh, Pa.
Karas Elec. Co., 215 W Illinois, Chicago, Ill.
Leeds & Northrup Co., 490 Stenton av, Phila., Pa.
Lord Mfg. Co. ("Leco" Direct Reading Bono Tester), 105 W 40th, New York
Metropolitan Engineering Co. (Testing Meters), 1250 Atlantic av, Brooklyn, N. Y.
Norton Electric Instrument Co., Manchester, Conn.
Pennsylvania Instrument Co., 616-618 Chestunt, Phila., Pa.
See adv index at end of book
Pyrolectric Instrument Co., Trenton, N. J.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Roller-Smith Co. ("Roller-Smith," Measuring), 233 B'way, New York
Sangamo Electric Co., Dept. H, Springfield, Ill.
Simplex Magneto Co., Inc. ("Simplex"), 1790 B'way, New York
Thompson-Levering Co. ("Peerless"), 325 Arch., Phila., Pa.
Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.
Westburg Enung Co., 53 W Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., E. Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
Wissler A, B'way & Wash av, St Louis, Mo

6628—Instruments (Hardness Testing)

Gries Bros., 450 E 148th, New York
Holz & Co., Inc. 18 Madison av, New York
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Pittsburgh Instrument & Machine Co. ("Brinell"), 236 3d av, Pittsburgh, Pa.
Sauveur & Boylston ("Brinell," Importers), Cambridge, Mass.
SHORE INSTRUMENT & MFG. CO., THE, Jamaica, N. Y.
Wilson-Maeulen Co. ("Rockwell"), 383 Concord av, New York

6629—*Instruments (Intricate Mechanical)

PLUMB D. S. (Special & to Order), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

6630— Instruments (Leveling)

Athol Mach. & Foundry Co., Athol, Mass.
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
STARRETT L. S. CO. (THE), Althol, Mass.
See adv index at end of book
Stortz John & Son, Inc. (& Case), 210 Vine, Phila., Pa.

6631—Instruments (Magnetic Research)

HOLZ & CO., INC., 18 Madison av, New York *See adv index at end of book*

Instruments (Mathematical)

See Instruments, Nautical; also Scientific; also Engineering & Surveying

6631a—Instruments (Measuring)

Florin Philip, 465 Broome, New York
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Indicating Calipers Co., 506 E 19th, New York
NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book

6632— Instruments (Musical)

American Ocarina & Toy Co., Inc. (Ocarinas), 69 Bruen, Newark, N. J.
Baumgartner Eugene (Flutes, Clarinets & Violins), 835 W 50th, Chicago, Ill.
Blessing Emil K. (Band Instruments), Elkhart, Ind.
Bruno C. & Son, 351 4th av, New York
Buescher Band Instrument Co. (Band & Orchestra Instruments), Elkhart, Ind.
Buss H. & Son (Imp. Harmonicas), 434 Broadway, New York
Clark Harp Mfg. Co., 416 S Salina, Syracuse, N. Y.
Conn Chas. G., Ltd. (Band Instruments), Elkhart, Ind.
Diamond Whip Co, (Drum Heads, Banjo Heads), 406 N. Curtis, Chicago, Ill.
Holton Frank & Co. (Band), 317 S Wabash av, Chicago, Ill.
Kazoo Co., 535 E Utica, Buffalo, N. Y.
Koch Ands (String & Brass, Imp.), 296 B'way, N. Y.
Martin Band Instrument Co. (Band Instruments), Elkhart, Ind.
National Musical String Co. (Harmonicas), New Brunswick, N. J.
Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.
Nuss Mfg. Co., Harrisburg, Pa.
Regina Co., Rahway, N. J.
Schmidt Oscar, Ins., 87 Ferry, Jersey City, N. J.
Strauss Bros. & Co. (Imp.), 355 B'way, New York
Welte M. & Sons (Automatic Full Brass Band, etc.), 667 5th av, New York
Whitlock J. W. & Co., Rising Sun, Ind.
Wurlitzer, Rudolph Mfg. Co., 117 E. 4th, Cincinnati, O.

6633—Instruments (Nautical)

Bausch & Lomb Optical Co., Rochester, N. Y.
Bliss Jno. & Co., 128 Front, New York
Cummings Ship Instrument Works, 110 High, Boston, Mass.
Hadlock W. E. & Co., 152 State, Boston, Mass.
Hand Jno. & Sons, 208 Chestnut, Phila., Pa.
Keuffel & Esser Co., Hoboken, N. J.
Marine Compass Co., Bryantville, Mass.
Kelvin & Wilfred O. White Co., 112 State, Boston, Mass.
MORMA Co. OF AMERICA (Measuring), 179 B'way, New York
See adv index at end of book
Merrill's R. Sons, 66 South, New York.
Negus T. S. & J. D., 140 Water, New York
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Riggs & Bro., 310 Market, Philadelphia, Pa.
Ritchie E. S. & Sons, Brookline, Mass.
Rupp Michael & Co. (Imp.), 112 Broad, New York
Saal H. G. Co., 1800 Montrose av, Chicago, Ill. *See adv index at end of book*
Sherman, Eugene M., Bellevue, Wash.
Upson Walton Co., 1294-7 W 11th, Cleveland, Ohio.
Weule Louis Co., 6 California, San Francisco, Cal.
Wissler A. Instrument & Mfg. Works, B'way & Wash. av, St. Louis, Mo.

6634—Instruments of Precision

Fiego Alex. J. R., Lynn, Mass.
Gaertner Wm. & Co. (Measuring), 5345 Lake Park av, Chicago, Ill.
HOLZ & CO., INC., 18 Madison av, New York *See adv index at end of book*
Meyers W. F. Co., Bedford, Ind.
Pennsylvania Instrument Co., 616-618 York *See adv index at end of book*
Pyrolectric Instrument Co., Trenton, N. J.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wissler A., B'way & Washington av, St. Louis, Mo.

6635— Instruments (Optical)

Aloe A. S. Co., 513 Olive, St. Louis, Mo.
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
Limeburner J. E. Co., 1720 Chestnut, Phila., Pa.
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.
Reid J. E. Instrument Co., Inc., 408 N 12th, Phila., Pa.
Wagner Bros. & Co. (Imp.), 71 W 23d, New York

6635a—Instruments (Photomicrographic)

Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
Sauveur & Boylston ("S. & B."), Cambridge, Mass.

6636— Instruments (Pocket)

American Ever Ready Wks. of Natl. Carbon Co., Thompson av, Long Island City, N. Y.
Benford Mfg. Co., Mt. Vernon, N. Y.
Bunnell J. H. & Co., 32 Park pl, New York
Clark Elec. Meter Co., 1330 12th, Detroit, Mich.
Conn. Telephones & Elec. Co., 70 Britnia, Meriden, Conn.
Eldridge Elec. Mfg. Co., Springfield, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Harvard Elec. Co. (Battery Gauges), 525 Van Buren, Chicago, Ill.
Hoyt Elec'l Instrument Wks. Penacook, N. H.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Pignolet L. M., 78 Cortlandt, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Readrite Meter Wks., Bluffton, O.
Robert's Instrument Co., 56 Shelby, Detroit, Mich.
Roller-Smith Co., 233 B'way, New York
Sholder-Excel Mfg. Co., Clyde, O.

Sterling Mfg. Co., Blackstone bldg, W 3d, Cleveland, O.
Weston Elec'l Instrument Co., Waverly Park, Newark, N. J.

6637—Instruments (Pole Measuring)

United Electric Supply Co. ("Vertascope"), Marion, Ohio

6638-9—Instruments (Radio Averaging)

BRISTOL CO. ("Bristol-Durand"), Waterbury, Conn.
See adv index at end of book

Instruments (Recording)

See the Specific Article Required

6640—Instruments (Scientific)

Aloe A. S. Co., 513H Olive, St. Louis, Mo.
American Scientific Instrument Co., 50 John, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckmann L. Co. (Surveying, 1003 Jackson st, Toledo, O.
Berger C. L. & Sons, 37 Williams, Boston, Mass.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buff & Buff Mfg. Co. (Field), rear 98 Green, Jamaica Plains, Boston, Mass.
BRISTOL CO. ("Bristol"), Waterbury, Conn. *See adv index at end of book*
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gaertner Wm. & Co., 5345 Lake Park av, Chicago
HOLZ & CO., INC., 18 Madison av, New York *See adv index at end of book*
Humboldt Mfg. Co., 2014 Nebraska av, Chicago, Ill.
Jesnig, C., 714 Sansom, Phila, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Leupold, Voelpel & Co., 107 E. 70th N., Portland, Oregon
Nelson Instrument Co., 11 Elkins, Boston, Mass.
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.
Schaar & Co., 558 N Jackson blvd, Chicago, Ill.
Scientific Utilities Co., Inc. (Surgical, etc., for Chemical Laboratories), 18 E 16th, New York
SHORE INSTRUMENT & MFG. CO., THE, (Scleroscope, Pyroscope, Glass & Rubber Testers), Jamaica, N. Y.
Standard Scientific Co., 2 W 13th, New York
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Thermo Electric Instrument Co. 8H Johnson, Newark, N. J.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
Wissler A., B'way & Washington av, St. Louis, Mo.

6641—Instruments (Surgical & Dental)

Aloe A. S. Co., 513 Olive, St. Louis, Mo.
American Oil & Supply Co. (Dental), 238 Wilson av, Newark, N. J.
Armstrong Wm. H. Co., 34 W Ohio, Indianapolis, Ind.
Baird Co., Plainfield, N. J.
Beard Machine Co., Inc., 350 Walton av, N. Y.
Becton, Dickinson & Co., Rutherford, N. J.
Berbert A. & Bro., 436 Powell, San Francisco, Cal.
Betz Frank S. Co., Hammond, Ind.
Birk John Co., 310 S 3rd, Louisville, Ky.
Bleadon-Dun Co., 15 S Desplaines, Chicago, Ill.
Brady Wm. & Co. (Dental Grinding Wheels & nerve extractors), 1911 Park av, New York
Buffalo Dental Mfg. Co. (Dental Only), Buffalo, N. Y.
Carstens H. Mfg. Co., 567 W Lake, Chicago, Ill.
Cleveland Dental Mfg. Co., 3307 Scranton rd, Cleveland, O.
Codman & Shurtleff, 120 Boylston, Boston, Mass.
De Vilbiss Mfg. Co., Toledo, O.
De Zeng Standard Co. (Elec. Lighted), Camden, N. J.
Dixon William (Dental), 39 John, New York
Dougherty J. T. (Imp.), 409 W 59th, New York
Dugan-Johnson Co., 29 W Ohio, Indianapolis, Ind.
Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.
Electro Dental Mfg. Co. (Dental), 33rd & Arch, Phila., Pa.
Electro Surgical Instrument Co. (Electric Lighted), Rochester, N. Y.
Ermold Geo. Co., 362 2nd av, New York,
Feick Bros. Co., 809 Liberty av, Pittsburgh, Pa.
Ford W. F. Surgical Instrument Co., 80 Lafayette, New York
Forgegor Co. (Anaesthetic appar.), 47 W 42nd New York
Gibson Co., Inc., 310 N Eutaw, Baltimore, Md.
Gemrig J. H. & Son, 109 S 8th, Phila., Pa.
Hatteroth William, 228 Powell, San Francisco, Cal.
Haussmann & Dunn Co., Veterinary & Human, 708 S Clark, Chicago, Ill.
Hospital Supply Co., 153 E. 23rd, New York
Kennedy J. E. & Co., 201 E 23rd, New York
Knauth Bros., 220 4th av, New York
Kny-Scheerer Co. (Illuminated), 404 W 27th, New York
Koch F. A. & Co., 524 B'way, New York
Leach & Greene, 100 Boylston, Boston, Mass.
Lehde H. E., 8 S B'way, St. Louis, Mo.
Lentz Chas. & Sons, 33 S 17th, Phila., Pa.
Leny Apparatus Co., 9 E 16th, New York
Low N. S. & Co., 44 Ave. A, New York
McCully R. P. & C. H., Inc., 331 Van Buren, Brooklyn, N. Y.
McDermott Surgical Instrument Co., 734 Poydras, New Orleans, La.
Meyerowitz E. B., 237 5th av, New York
Mueller V. & Co., 1779 Ogden av, Chicago, Ill.
Neuhaus C. & Co., 510 N. Eutaw, Baltimore, Md.
Ohio Chemical & Mfg. Co., 1177 Marquette, San Francisco, Cal.
Ohio Instrument Mfg. Co., 5902 Carnegie av, Cleveland, O.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Payne Matthew Dental & Surgical Mfg. Co., Matthews, Yonkers, N. Y.
Pedersen Lubricator Co. ("Hartley & Kenyon" Outfit for Bone Operation), 636 First av, New York
Pelton & Crane Co. (Illuminated), 246 Harper, Detroit, Mich.
Pilling Geo. P. Son & Co., 23d & Arch, Phila., Pa.
Portable Elec. Safety Light Co. (Surgical), 18 Johnson, Newark, N. J.
Poughkeepsie Cutlery Wks., Inc. (Surgical), Poughkeepsie, N. Y.
Precision Thermometer & Instrument Co. (The Nicholson "Prince" Sphygmomanometer), 1434 Brandywine, Phila., Pa.
Precious Metals Tempering Co., Inc. ("Surgical" Gold & Silver Knives & Hypodermic needles), 30 Church, New York
Randall-Faichney Co., Boston, Mass.
Reichardt F. A. & Co., 83 Barclay, New York
Reid Bros. (Surgical), 585 Mission, San Francisco, Cal.
Reid J E Instrument Co. Inc. (Dental Only), 408 N 12th, Phila., Pa.
Richter Gustav F., 855 De Kalb av, Brooklyn, N Y.
Scientific Apparatus Co., Inc. (Gas Oxygen apparatus), 162 W 34th, New York
Scientific Utilities Co., Inc., 18 E 16th, New York
Schmid E. Co., 912 Fort Wayne av, Indianapolis, Ind.
Schmid Leopold, 1241 Buttonwood, Phila., Pa.
Schnefel Bros. (Surgical & Dental Forceps), 684 So 17th, Newark, N. J.
Sharp & Smith, 65 E Lake, Chicago, Ill.
Sklar J. Mfg. Co., 133 Floyd, Brooklyn, N. Y.
Sorensen, C. M., Co. Inc. ("Tankless"), 177 E 87th, New York
Specialty Mfg. Co., 15 Spruce, New York
Sterling Mfg. Co., Springfield, O.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Tiemann Geo. & Co., 107 Park Row, New York
Truax, Greene & Co., 171 N Wabash av, Chicago, Ill.
Tutschek F., 209 Centre, New York
Wappler Electric Co. (Electric Lighted), 187 Harris av, Long Island City, N. Y.
Weder Mfg. Co., Germantown & Stenton, Phila., Pa
Weniger H., 143 Valencia, San Francisco, Cal.
Western Instrument Co., 1001 Wash. bl., Chicago, Ill.
White S. S. Dental Mfg. Co. 211 S 12th, Phila, Pa.
Willis Wm. V. & Co., 134 S 11th, Phila., Pa.
Willms Chas. Surgical Instrument Co., 300 N Howard, Baltimore, Md.
Wilson Instrument & Specialty Co., Passaic, N. J.
Wocher Max & Son Co. (Surgical), 19 W 6th, Cincinnati, O.
Zipf A., 3044 Olive, St. Louis, Mo.

6642—Instruments (Telegraph)

Banholzer Paul P., 2314 E Huntingdon, Phila., Pa.
Bunnell J. H. & Co. (Also Telegraph Appliances), 32 Park pl, New York
Foote, Pierson & Co. (Measuring & Testing Instruments of Precision), 160 Duane, New York
Kleinschmidt Elec Co., 36 Flatbush av, Brklyn, N. Y.
Lamson Co., 15 W 44th, New York
MANHATTAN ELECTRICAL SUPPLY CO. (Standard & Wireless), 17 Park pl, New York
See adv index at end of book
Manufacturers' & Inventors Electric Co. ("Morse Watch"), 29 Gold, New York
Menominee Elec Mfg. Co., Menominee, Mich.
Piersen Mfg. Co., Topeka, Kan.
Telautograph Corp., 448 W. 37th, New York
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Western Electric Co., 500 S Clinton, Chicago, Ill. & 463 West, New York

6643—Instruments (Testing, Ammeter & Voltmeter)

National Carbon Co. ("Columbia"), Madison av, N W & W 117th, Cleveland, O.

6644—Instruments (Testing, Assayers' & Chemists')

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Greiner Emil Co., 55 Fulton, New York

Instruments (Testing & Measuring)

See Instruments, Electrical Testing & Measuring

6645—Instruments (Veterinary)

Hausmann & Dunn Co., 708H Clark, Chicago, Ill.
Koch F. A. & Co., 524 B'way, New York
U. S. Needle Concern (Needles), 912 W Madison, Chicago, Ill.

6646—Instruments (Wireless Telegraph)

Adams-Morgan Co., Upper Montclair, N. J.
American Radio & Research Corp. ("Armad" Aeroplane), 21 Park row, New York
Atlantic Communication Co., 241 Lafayette, New York
Bowman A. W. & Co., Boston, Mass.
Brandes C., 32 Union sq, New York
Bunnell J. H. & Co., 32 Park pl, New York
Clapp-Eastham Co., Cambridge, Mass.
Continental Elec. Co., 1883 Park av, New York
Crocker Wheeler Co. (Aeroplane wireless), Ampere, N. J.
De Forest Radio Telephone & Telegraph Co., 1391 Sedgwick av, New York
Doron Bros. Elec. Co., Hamilton, O.
Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.
Electro Importing Co., 233 Fulton, New York
Electrical Industries Mfg. Co., 328 W 41st, New York
General Radio Co., 11 Windsor, Cambridge, Mass.
Haller-Cunningham Electric Co. (Marine), 428 Market, San Francisco, Cal.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Jefferson Elec. Mfg. Co., 847 W Harrison, Chicago, Ill.
Kilbrune & Clark Mfg. Co., Seattle, Wash.
Lowenstein Radio Co., Inc., 397 Bridge, Brooklyn, N. Y.
MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl, New York
See adv index at end of book
Martin Vibroplex & Mecograph Co., 253 B'way, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Mignon Wireless Corp., Elmira, N. Y.
Murdock W. J. Co., Chelsea, Mass.
National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pittsburgh Wireless Equipment Co., Ridgway, Pa.
Radio Apparatus Co., Pottsdam, Pa.
Radio Apparatus Co., Parkway bldg, Phila., Pa.
Radio Corporation of America, 233 Broadway, New York
Ritchie E. S. & Sons, Brookline, Mass.
Turney Eugene T. Co., 2595 3d av, New York
Wireless Improvement Co., 81 New, N. Y.
Wireless Mfg. Co., Canton, O.
Wireless Specialty Apparatus Co., C. & Fargo, Boston, Mass.
Woodside Elec. Shops Co., Homer pl, Metuchen, N. J.

6647— Insulating Asphalt

Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Standard Asphalt & Rubber Co. ("Sarco" Asphalt Gum), 208 S La Salle, Chicago, Ill.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Texas Company, 17 Battery pl, New York City
See adv index at end of book
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6647a— Insulating (Brick)

Celite Products Co., 11 B'way, New York
Didier-March Co. (Kieselguhr), (Insulating Brick), Perth Amboy, N. J.

6647b—*Insulating Material

Celite Products Co., 11H B'way, New York



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In Canada: National Fibre C o. of Canada, Ltd., Toronto

INSULATING MATERIALS—continued

General Electric Co., Schenectady, N. Y.
See adv index at end of book
Oeters Edgar O. Co., 603 Arch, Phila., Pa.
See adv index at end of book

Insulating Press Boards

See Press Boards

6648—Insulating Rubberized Asbestos

Boonton Rubber Co., Boonton, N. J.
General Asbestos & Rubber Co., Charleston, S. C.

6649—Insulating Saddle Staples

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.

Insulating Solder, Paste, Salts, Etc.

See Soldering Flux, Paste, Salts & Stick

6649a— Insulation (Armature)

NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book
Oeters Edgar O. Co., 603 Arch., Phila., Pa.
See adv index at end of book
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

6650—Insulation (Cold Storage & Refrigerator)

All Roofing Mfg. Co., East St. Louis, Ill.
American Balsa Co., Inc. ("Balsalation"), 50 E 42nd, New York
Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka" Corkboard; also Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.
Banner Rock Products Co., Alexandria, Ind.
Barrett Co. (Insulating Rope), 17 Battery pl, New York
Bohn Refrigerator Co., 340 Universal av., St. Paul, Minn.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Celite Products Co., 11 B'way, New York
Celite Products Co., Van Nuys bldg, Los Angeles, Cal.
Cork Insulation Co. ("Excelsior," Corkboard), Jersey City, N. J.
Federal Asbestos Co., Milwaukee, Wis.
General Insulating & Mfg. Co., Central Nat'l Bank bldg, St. Louis, Mo.
Hydrex Felt & Engineering Co., 120 Liberty, New York
Johns-Manville Inc. ("Keystone" Hair, Sheet, Cork, Granulated Cork Hair Felt), Madison av. & 41st, New York
National Insulating & Mfg. Co., Indianapolis, Ind.
Northern Insulating Co. ("Flaxlinum"), St. Paul, Minn.
Union Fibre Co., Inc. ("Linofelt," Waterproof Lith & Cork Boards), Winona, Minn.
Union Insulating & Construction, 20 W Jackson blvd, Chicago, Ill.
See adv index at end of book

UNION INSULATING & CONSTRUCTION COMPANY
UNION REFRIGERATOR COMPANY
General Construction with Cold Storage Buildings, Ice Plants and Refrigerators of all kinds a specialty.
20 W. Jackson Blvd. Chicago, Ill.
Telephone Harrison 1848

United Cork Cos. ("Star" & "Crescent", Cork Board), 50 Church, New York
U. S. Gypsum Co. ("Pyrobar" Gypsum Tile), 205 W Monroe, Chicago, Ill.
U. S. Mineral Wool Co., 280 Madison av, New York
Watson H. F. Co., Erie, Pa.

6651-2— Insulation (Cork)

Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka" Corkboard & Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.
Banner Rock Products Co. ("Rock"), Alexandria, Ind.
Cork Insulation Co. ("Excelsior" Corkboard), Jersey City, N. J.
Federal Asbestos Co. (Cork Board), Milwaukee, Wis.
Union Fibre Co., Inc. ("Union" Cork Board), Winona, Minn.
Union Insulating & Construction Co., 20 W, Jackson blvd, Chicago, Ill.
See adv index at end of book
United Cork Cos. ("Star," "Crescent"), 50 Church, New York

6653— Insulation (Electrical)

Brandywine Fibre Products Co., E. Wilmington, Del.
See adv index at end of book
Cronkhite Co., Inc., 185 Devonshire, Boston, Mass.
See adv index at end of book
Oeters Edgar O. Co., 603 Arch, Phila., Pa.
See adv index at end of book
Western Insulation Co., 557 Monroe, Chicago, Ill.

Insulation (Hair Felt)

See Felts, Hair

6654— Insulation (Horn)

Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.
Diamond State Fibre Co. ("Disfico"), Bridgeport, Pa.

6655—Insulation (Moulded Heat-Proof)

American Hard Rubber Co., 9 Mercer, New York
American Insulator Co., Inc., New Freedom, Pa.
American Synthite Co. (Synthyte Ingredients), 30 Church, New York
Auburn Button Works, Auburn, N. Y.
Belden Mfg Co., 2316 S Western av, Chicago, Ill.
Bonnite Insulator Co., 225 Murray, Newark, N. J.
Boonton Rubber Co. ("Bakelite"), Boonton, N. J.
Condensite Co. of America, Bloomfield, N. J.
Continental Fibre Co. (Sheet, Rod & Tube), Newark, Del.
See adv index at end of book
Cutler-Hammer Mfg. Co., 12th & St. Paul Milwaukee, Wis.
See adv index at end of book
Dane Mfg. Co., 333 6th av, Newark, N. J.
Diamond State Fibre Co., Bridgeport, Pa.
Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Elec Railway Equipment Co., Cincinnati, O.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Formica Insulation Co., 4614 Spring Grove av, Cincinnati, O.
Garfield Mfg Co., Garfield, N. J.
General Bakelite Co., 2 Rector, New York
General Insulate Co. ("Insulate" Rubber Substitute), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp. ("Sternoid" & "Sterno-Condensite" Electric), 25 W 45th, New York
Johns-Manville, Inc. ("Electro - bestos"), Madison av & 41st, New York
Johns-Pratt Co., Hartford, Conn.
Luzerne Rubber Co., Trenton, N. J.
Macallen Co., 16 Macallen, Boston, Mass.
Nat'l Lead Co., 111 B'way, New York
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Northern Industrial Chemical Co., 11 Elkins, South Boston, Mass.
Pathe Freres Phonograph Co., 20 Grand av, Bklyn, N. Y.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Premier Rubber & Insulation Co., Dayton, O.
Redmond Chemical Products Co., 636 W 22, Chicago, Ill.
Remy Electric Co. ("Bakelite"), Anderson, Ind.
Scranton Button Co., Scranton, Pa.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Specialty Insulation Mfg. Co., Hoosick Falls, N. Y.
Stokes Jos. Rubber Co., Trenton, N. J.
WATERBURY BUTTON CORPORATION, 831 So. Main, Waterbury, Conn.
See adv index at end of book
Watertown Mfg. Co., Watertown, Conn.
Westinghouse Elec & Mfg. Co., East Pittsburgh, Pa. *See adv index at end of book*

6656—Insulation (Rail Joint)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Delaware Hard Fibre Co. (Hard Fibre), Wilmington, Del.
See adv index at end of book
Hegeman - Castle Corp. ("Fluxlinum"), Fisher bldg, Chicago, Ill.
Holden & White ("Flaxlinum"), 343 S. Dearborn, Chicago, Ill.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Standard Fibre Co., Miller St., Somerville, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.

6657—Insulation (Refrigerator Car)

Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
Northern Insulating Co. ("Flaxlinum" a Fibre), St. Paul, Minn.

6657a— *Insulation (Sheet)

CONTINENTAL FIBRE CO. ("Bakelite-Dilecto" & "Continental-Bakelite"), Newark, Del. *See adv index at end of book*

6657a-1—*Insulation (Rod)

CONTINENTAL FIBRE CO. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book

6657b—Insultation (Special Shapes to Order)

Delaware Hard Fibre Co., Wilmington, Del.; Works, Marshallton, Del.
See adv index at end of book
Formica Insulation Co. ("Formica"), 3240 Spring Grove av, Cinn., O.

6658—Insulation (Switch Rod)

Brandywine Fibre Products Co. (Vulcanized Fibre), E. Wilmington, Del.
See adv index at end of book
CONTINENTAL FIBRE CO. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Spaulding J. & Sons Co., Inc., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller st, Somerville Mass.

6659— Insulation (Track)

CONTINENTAL FIBRE CO. ("Continental-Bakelite"), Newark, Del.
See adv index at end of book
Delaware Hard Fibre Co., Wilmington, Del.; Works: Marshallton, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Spaulding J. & Sons Co., Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller St., Somerville, Mass.
Whall C. H. Co. ("Whall's" Fibre), 170 Summer, Boston, Mass.

6660— Insulation Tube

Brandywine Fibre Products Co. (Vulcanized Fibre), E. Wilmington, Del.
See adv index at end of book
CONTINENTAL FIBRE CO. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.

6661—Insulator Pins & Brackets

American Line Materials Co., 332 S Michigan av, Chicago, Ill.
Barden Electric & Machinery Co., Houston, Tex.
Bissell F. Co., Toledo, O.
Blue Ridge Locust Pin Co., Dillsboro, N. C.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Bonney Forge & Tool Works Allentown, Pa. *See adv index at end of book*
Brady Electric Mfg. Co. (Steel), New Britain, Conn.
Call Clarence (Locust), No. Wilkesboro, N. C.
Central Lumber Co., Chattanooga, Tenn.
Central Telephone & Elec. Co. ("Bois d'Arc"), 310 N. 11th, St. Louis. Mo.
Cohn & Bock Co. (Wood), Princess Anne Md.
Cottage Planing Mill Co., Everett, Pa.
Creaghead Engineering Co. ("Creaghead," Malleable Iron), 340 Main, Cincinnati, O.
DIAMOND EXPANSION BOLT CO. ("Ajax"), 89 West, New York
See adv index at end of book
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Material Co. ("Hivol," "Mabir"), 618 Jackson blvd, Chicago, Ill.
Electrose Mfg. Co. ("Electrose," Insulator Pins, etc), Washn & Plymouth, Brooklyn, N. Y.
Endsley J. W. (Wood), Somerfield, Pa.
Estes E. B. & Sons (Pins), 364 5th av, New York *See adv index at end of book*
Gravely B. F. & R. P. (Locust Pins, etc), Martinsville, Va.
Hallett Iron Works (Steel), Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. (Steel), 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Joslyn Mfg. & Supply Co. (Wood), Chamber of Commerce bldg, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
L. F. Manfg. Co. (Screw & Foot Type), 426 Hoboken av, Jersey City, N. J.
Line Material Co., So. Milwaukee, Wis.
Locke Insulator Mfg. Co. (Iron), Victor, N. Y.
Locust Pin Co. (Locust Pins), Front Royal, Va.
Marcus Harris & Sons Co. (Wood), Muscoda, Wis.
Minerallac Electric Co. ("Unity" Wood), 1045 Washington blvd, Chicago, Ill.
Mueller Wm. & Co. (Wood), 115 S. Dearborn, Chicago, Ill.
National Pin & Bracket Co., North Vernon, Ind.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.
Petertyl Victor (Wood), Traverse City, Mich.
Pettingell-Andrews Co. ("Exemplar"), 166 Pearl, Boston, Mass.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pilliod Lumber Co. (Wood), Swanton, O.
Ridlon Frank Co. ("Rogers," Bracket), 251 A, Boston, Mass.
Robinia Pin Co. (Locust Pins), Shippensburg, Pa.
Steel Car Forge Co. (Steel), Frick bldg, Pittsburgh, Pa.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Texas Arm & Pin Co. (Wood), Beaumont, Tex.
U. S. Bobbin & Shuttle Co. (Wood), 57 Eddy, Providence, R. I.
Valley Forging Co. ("Pittsburg" Steel Cross Arm & Pole Top Pins), Verona, Pa.
Vreeland B. F. (Wood), Denver, Colo.
Wiebel L. H. (Wooden), Hagerstown, Md.

6662— Insulator Supports

Bonney Forge & Tool Works Allentown, Pa.
Efficiency Electric Co. (Adjustable & Non-Adjustable), E. Palestine, Ohio.
Electrical Engineer Equipment Co. (All Voltages Up to 110,000), 711 Meridian. Chicago, Ill.
Steel City Electric Co. ("Universal" for Steel Work), 1207 Columbus av, Pittsburgh, Pa.

6663—Insulators (Arc Lamp)

Insulators or Hangers

Ayer F. H. Mfg. Co., Chicago Heights, Ill.
Brady Elec. Mfg. Co., New Britain, Conn.
Commercial Electrical Supply Co., St. Louis, Mo.
Creaghead Engng. Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. ("Cutter's"), High Voltage, South Bend, Ind.
Elec. Railway Equipment Co., Cincinnati, Ohio
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO. (Hangers), Schenectady, N. Y.
See adv index at end of book
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hebendahl J. P. Co., Elizabeth, N. J.
Hemming Mfg. Co., Garfield, N. J.
High Tension Elec. Spec. Co., Newton, Mass.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Johns-Manville, Inc. (Molded), Madison av & 41st, New York
Johns-Pratt Co., The ("Moulded Mica" Stud & Straight Hanger), Hartford, Conn.
Lapp Insulation Co. ("Lapp"), Dept H, Le Roy, N. Y.
Line Material Co. ("Kyle"), S Milwaukee, Wis.
Lundin Elec. & Mach. Co., 10 Thatcher, Boston, Mass.
Macallen Co., 16 Macallen, S. Boston, Mass.
Metropolitan Engng. Co., 1250 Atlantic av, Brooklyn, N. Y.
Morris Iron & Steel Co., Frederick, Md.
National Sewing Mach. Co., Belvidere, Ill.
Phila. Elec'l & Mfg. Co., 1236 N 31st, Phila., Pa.
Ohio Brass Co., The, Mansfield, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6664— Insulators (Canopy)

Bechtold E. E. ("E. E. B."), 1928 Wabash av, Chicago, Ill.
Dale Lighting Fixture Co., 107 W 13th. New York
Macallen Co., 16 Macallen, South Boston, Mass.
Mica Insulating Co. ("Young"), 68 Church, New York
Mitchell, Vance Co., 507 W 24th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del.

6665—Insulators (Cross-over)

Cook Pottery Co. (Wedge Porcelain), Trenton, N. J.

6666—Insulators (Feed Wire)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Insulators (Fibre)

See Fibre, Hard

6667— Insulators (Glass)

Brookfield Glass Co. ("Brown," "Columbia," "Mershon," "Edison," "Jumbo," Telephone, Telegraph & Electric Light), 2 Rector, New York
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Hemingway Glass Co., Muncie, Ind.
Hemingray Glass Co. ("Muncie Type," "Triple Petticoat," "Prove Type", Covington, Ky.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Locke Insulator Mfg. Co. ("Boro-Silica," Suspension & Pin Type), Victor, N. Y.
Rodefer Glass Co., The (For High Tension Electric Cables), Bellaire, O.
See adv index at end of book

6668— Insulators (Hair)

Johns-Manville Inc. ("Keystone"), Madison av & 41st, New York
Keystone Hair Insulator Co., 1243 Spring Garden, Philadelphia, Pa.

6669— Insulators (Lava)

American Lava Corp. ("Alco"), Chattanooga, Tenn.
Steward D. M. Mfg. Co., E. End & N. Roseville Park, Chattanooga, Tenn.

6670—Insulators (Mine Feeder Wire)

Sackett Mine Supply Co., 164 N 3d, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6671—Insulators (Moulded Mica)

Electric Railway Equipment Co., 2900H Cormany av, Cincinnati, O.
Johns-Pratt Co., The (Wireless, Trolley Wire, Guy Wire, Telephone & Telegraph), Hartford, Conn.
Macallen Co., 16 Macallen, So. Boston, Mass.
New England Mica Co., Waltham, Mass.

Insulators (Paper, for Cables)

See Sleeves, Paper

6672—Insulators (Porcelain or Clay)

Akron Smoking Pipe Co. (Clay & Porcelain Tubes), Mogadore, O.
Anderson Albert & J. M. Mfg. Co., (Porcelain Strain), 289 A., Boston, Mass.
Colonial Sign & Insulator Co. ("Poke" Telephone), Akron, O.
Cook Pottery Co. (Porcelain), Trenton, N. J.
Davidson & Stevenson Porcelain Co., East Liverpool, O.
Electric Porcelain & Mfg. Co. (Of All Kinds), Trenton, N. J.
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
Hartford Faience Co. (Porcelain), Hartford, Conn.
Imperial Porcelain Works (Porcelain, Transmission), Trenton, N. J.
Jeffery-Dewitt Insulator Co., Kenova, W. Va.
Lapp Insulator Co. ("Lapp"), Le Roy, N. Y.
Locke Insulator Mfg. Co., Victor, N. Y.
Mich. Porcelain Insulator Co., Hastings, Mich.
National Porcelain Co., Trenton, N. J.
OHIO BRASS CO. ("O-B" Porcelain Only), Mansfield, O.
See adv index at end of book
Pass & Seymour, Solvay, N. Y.
Pitsburgh High Voltage Insulator Co. (Porcelain High Screw Voltage), Derry, Pa.
Snyder Hunt Co., Belle Plaine, Iowa.
Star Porcelain Co., East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Electrical Porcelain Works, Trenton, N. J.

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MADE IN SHEETS, RODS, TUBES *and* SPECIAL SHAPES,
RED, BLACK AND GREY COLORS.
A SUPERIOR INSULATOR ALSO USED FOR
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SUBURB OF BUFFALO

INSULATORS (PORCELAIN OR CLAY)—continued
Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White T. C. Co. (Porcelain), 1122 Pine, St. Louis, Mo.

6673— Insulators (Strain)

See also Trolley Line Materials

Creaghead Engng. Co. ("Bourbon"), 340 Main, Cincinnati, O.
Electric Railway Equipment Co. ("Hercules" Wood), 2900H Cormany av, Cincinnati, O.
Electric Service Supplies Co. ("Keystone Giant"), 17th & Cambria, Phila., Pa.
Electrose Mfg. Co. ("Electrose," "Safety," "Disc," Thimble, Hood, Spool & Rod Type Insulators & Insulating Strains), 70 Washington, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
Jeffery-Dewitt Insulator Co. (J. D. Rugged Type High Tension), Huntington, W. Va.
Jeffrey-Dewitt Insulator Co., Kenova, W. Va.
Johns-Manville, Inc., Madison av & 41st, New York.
Johns-Pratt Co., The ("Moulded Mica" Wood), Hartford, Conn.
Line Material Co., S. Milwaukee, Wis.
Locke Insulator Mfg. Co. ("Victor"), Victor, N. Y.
Macallen Co., 16 Macallen, So. Boston, Mass.
Mathias-Hart Co., 516 Atlantic av, Boston, Mass.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Pass & Seymour, Solvay, N. Y.
Phila. Electrical & Mfg. Co. ("Pemco," Wood), 1236 N 31st, Phila., Pa.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pitsburgh, Pa.
See adv index at end of book
White T. C. Co. (Porcelain), 1122 Pine, St. Louis, Mo.

6674— Insulators (Swinging)

Line Material Co., So. Milwaukee, Wis.

6675—Insulators (Third Rail)

See also Trolley Line Materials

Ajax Electrical Co., 56 Baldwin av, Jersey City, N. J.
Akron Smoking Pipe Co., Mogadore, O.
American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Anderson Albert & J. M. Mfg. Co. ("Aetna"), 289 A, Boston, Mass.
Colonial Sign & Insulator Co. (Clear & Semi-Porcelain), Akron, O.
CONTINENTAL FIBRE CO. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Hard Fibre), Bridgeport, Pa.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
GILBERT-GRANT CO. (For Monorail Track), Grand Central Terminal, New York *See adv index at end of book*
Hemming Mfg. Co., Garfield, N. J.
Johns-Manville H. W. Co., Madison av & 41st, New York
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
See adv index at end of book
OHIO BRASS CO. (Semi-Porcelain), Mansfield, O. *See adv index at end of book*
Shaw Insulator Co., 5 Kirk pl., Newark, N. J.
Standard Fibre Co. (Hard Fibre), Miller St., Somerville, Mass.
Thomas R. & Sons Co. (Porcelain), East Liverpool, O.
Wilmington Fibre Specialty Co., Wilmington, Del.

6676—Insulators (Tree & Wall)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Brodie Elec'l & Auto Co., Manchester, N. H.
Brookfield Glass Co., 2 Rector, New York
Cutter Geo. Co., South Bend, Ind.
Cutter Scott C. ("Scott Cutter" Glass), Oswego, Ill.
Fletcher Mfg. Co., Dayton, O.
General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
General Phonograph Corp., 25 W 45th, New York.
International Insulating Corp., 25 W 45th, New York
Line Material Co. ("Ajax"), So Milwaukee, Wis.
Marlatt S., Richmond, Ind.
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Ridlon Frank Co. ("Rogers," Tree), 251A Boston, Mass.
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.
Wetmore-Savage Co., 76 Pearl, Boston, Mass.

6677—Insulators (Trolley Wire Section)

Elec. Railway Equipment Co., Cincinnati, Ohio
Flood City Mfg. Co. ("H. H." for Mine Section), Johnstown, Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book

6678— Insurance (Accident)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 298 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
General Accident Insurance Co., 421½ Walnut, Phila., Pa.
London Guarantee & Accident Co., 134 La Salle, Chicago, Ill.
Maryland Casualty Co., Balto & Guilford, Baltimore, Md.
New Amsterdam Casualty Co., 59 John, New York
North American Accident Insurance Co., 209 S La Salle, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59 John, New York
Preferred Accident Ins. Co., 80 Maiden la, New York
Standard Accident Ins. Co., 35 W. Fort, Detroit, Mich.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York

6679—Insurance (Employers' Liability)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Bachrach Industrial Instrument Co. ("Maihak"), H Murtland & Bennett, Pittsburgh, Pa.
Casualty Co. of America, 298 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
General Accident Insurance Co., 421½ Walnut, Phila., Pa.
London Guarantee & Accident Co., of London, England, 55 John, New York
Maryland Casualty Co., Balto & Guilford, Baltimore, Md.
New Amsterdam Casualty Co., 59 John, New York
Ocean Accident & Guarantee Corp., 59 John, New York
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York
U. S. Fidelity & Guaranty Co., Calvert & Redwood, Baltimore, Md.

Insurance (Health)

See Insurance, Accident

6680—Insurance (Indemnity Bond)

American Bonding Co. of Baltimore, Fidelity bldg, Baltimore, Md.
American Fidelity Co., Montpelier, Vt.
American Surety Co., 100 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
Fidelity & Deposit Co., Fidelity bldg, Baltimore, Md.
Guarantee Co. of North America, 111 B'way, New York
National Surety Co., 115 B'way, New York, & The Rookery, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59 John, New York
Pacific Surety Company, 341 Montgomery, San Francisco, Cal.
Travelers Insurance Co., Hartford, Conn.
U. S. Fidelity & Guaranty Co., Calvert & Redwood, Baltimore, Md.

6681—Insurance & Inspection (Elevator)

See also Insurance, Indemnity Bond

Travelers Insurance Co., Hartford, Conn.

6682—Insurance & Inspection (Steam Boiler)

Employees' Indemnity Co. of Philadelphia, 331 Walnut, Phila., Pa.
Fidelity & Casualty Co., 97 Cedar, New York
Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.
Maryland Casualty Co., Balto. & Guilford, Baltimore, Md.
Ocean Accident & Guarantee Corp., 59 John, New York
Pacific Surety Company, 341 Montgoomery, San Francisco, Cal.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York

6683— Intensifiers

Bethlehem Steel Co., South Bethlehem, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
Hennebohle Frank ("Hydraulic), 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Mackintosh - Hemphill Co. (Hydraulic), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co. (Hydraulic), Alliance, O.
National Steam Spec. Co. (Heat) ("National B"), 16 S Clinton, Chicago., Ill.
Southwark Foundry & Machine Co. (Hydraulic, Steam, etc), 1128 S. 4th, Phila., Pa. *See adv index at end of book*
United Engineering & Foundry Co. (Air Hydraulic, Steam Compound or Double), Farmers Bank bldg., Pittsburgh, Pa.
Wood R. D. & Co. (Hydraulic, Single & Multiple), 400 Chestnut, Phila., Pa.

6684— Intercoolers (Air)

GRISCOM-RUSSELL CO. ("Multwhirl"), 92 West, New York.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Interior Building Trim (Steel, Bronze, Etc.)

See Interior Trim, Hollow Metal

6685—Interior Finish (Wholesale Mfrs.)

See also Interior Hardwood Work Manufacturers & Erectors

American Sash & Door Co., Kansas City, Mo.
Armstrong Landon Co., Kokomo, Ind.
Baltimore Sash & Door Co., cor. Howard & West, Baltimore, Md.
Basic Mfg. Co., Wilmington, Del.
Bardwell-Robinson Co., 24th av, N & 2nd, Minneapolis, Minn.
Bloom Alfred Co., Omaha, Neb.
Brockway-Smith Corp., 98 Canal, Boston, Mass.
Brown Co., Portland, Me.
California Mfg. Co., 2243 S Troy, Chicago, Ill.
Calmar Mfg. Co., Calmar, Ia.
Carter Mfg. Co., Keokuk, Ia.
Central Sash & Door Co., Topeka, Kan.
Central Wood Turning Co. (To Order Only), 610 Main, N E, Minneapolis, Minn.
Champlain Mfg. Co., Burlington, Vt.
Commercial Sash & Door Co., 494 S Paulina, Chicago, Ill.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Curtis Bros. & Co., Clinton, Ia.
Curtis & Yale Co., Wausau, Wis.
Cypress Lumber Co. (Wholesale Mfrs.), 88 Broad, Boston, Mass.
Dudley Sash, Door & Lbr. Co., Columbus, Ga.
Edmunds Mfg. Co., 1220 S Robey, Chicago, Ill.
Elgar James, Inc., Hornell, N. Y.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Fitzgerald, Speer Co., Pen Argyle, Pa.
Gauger Jno. A. & Co., 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Gould Mfg. Co., Oshkosh, Wis.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Gravois Planing Mill Co., Minnesota & Juniata, St. Louis, Mo.
Gribben Lumber Co., Chicago & Walker, St. Paul, Minn.
Hardin D. Co., Saginaw, Mich.
Hilgen Mfg. Co., Cedarburg, Wis.
Hurst Sash & Door Co. ("Hurco"), Grand Island, Neb.
Huttig Mfg. Co., Muscatine, Ia.
Huttig Mill Wk. Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Indiana Lumber & Mfg. Co., South Bend, Ind.
Iroquois Door Co., Buffalo, N. Y.
Kaaz Mfg. Co., Atchison, Kan.
Kertscher & Co., Elmira, N. Y.
Knoxville Lumber & Mfg. Co. (For Trade Only), Knoxville, Tenn.
Kuebler J. M. Co., Wausau, Wis.
Kuhn Sash & Door Co., 204 N E 7th, Minneapolis, Minn.
Kurtz Bros., Bethlehem, Pa.

Lecoutour Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Lestershire Lbr. & Box Co., Lestershire, N. Y.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Luick Bros. & Co., Ann Arbor, Mich.
McClelland T. W. Co., Davenport Ia.
McKay Angus Co., 724 S. Desplaines, Chicago, Ill.
McMillen R. Co., Oshkosh, Wis.
McPhee & McGinnity Co., Denver, Colo.
Menasha Mfg. Co., Menasha, Wis.
Morgan Co., Oshkosh, Wis.
Murray & Hill Co. (Hardwood & Cabinet Work), 138 St. Nicholas av, New York
Nauman Co., Waterloo, Ia.
Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
North Vernon Lumber Co., North Vernon, Ind.
Northwestern Lumber Co., Stanley, Wis.
Osgood & Blodgett Mfg. Co., E 7th & Duluth, St. Paul, Minn.
Paine Lumber Co. (Ltd.), Oshkosh, Wis.
Peck J. S. & Son, Cardington, O.
Preston W. A., Benton Harbor, Mich.
Pyrone Process Co., 20 E Gay, Columbus, Ohio
Radford Sash & Door Co., 1827 Prairie av, Chicago, Ill.
Reaugh Construction Co., 2835 E 51st Cleveland, O.
Redwood Mfrs. Co., Oakland, Cal.
Rhinesmith & Simonson, Fort Wayne, Ind.
Riggs Cypress Co. (Ltd.), (Cypress), Patterson, La.
ROBERTS SASH & DOOR CO., 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works, Rock Island, Ill.
Rockwell Mfg. Co., 572 Park, Milwaukee, Wis.
Roehr Co., Bucyrus, O.
St. Croix Paper Co. (& White Pine Siding), 244 Washington, Boston, Mass. Mills: Woodland, Me.
St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.
Scott-Graff Lumber Co., Duluth, Minn.
Seattle Cedar Lumber Mfg. Co., Seattle, Wash.
Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.
Standard Sash & Door Co., 5089 Racine av, Chicago, Ill.
Stearns A. T. Lumber Co., 100 Taylor, Boston, Mass.
See adv index at end of book
Stillwater Mfg. Co., Stillwater, Minn.
Stone R. B. & Co., Spencer, Mass.
Stuhlmiller Mantel Works, Buffalo, N. Y.
Thomas Jos. & Son, Leadenhall & Henrietta, Baltimore, Md.
Uhrich Mill Work Co. (Specializing Cabinet Trim), Independence, Kan.
Veit Mfg. Co., Grand Rapids, Mich.
Wabash Cabinet Co., Wabash, Ind.
Waccamaw Lumber Co., Bolton, N. C.
Warlick Lumber Co., Gilkey, N. C.
Washburn, Williams & Co., Scranton, Pa.
West Woodworking Co., 308 N Ada, Chicago, Ill.
West Virginia Lbr. Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Whatcom Falls Mill Co. (Red Cedar), Bellingham, Wash.
Wheeler-Osgood Co. (Yellow Fir), Tacoma, Wash.
Whitmer-Jackson Sash & Door Co., 1996 W 3rd, Cleveland, O.
Williams & Hunting Co., Cedar Rapids, Ia.

6686—Interior Hardwood Work (Mfrs. & Erectors)

Ammann Mfg. & Const. Co., 155 Av D, New York
Ayers-Witmer Lumber Co., Niagara Falls, N. Y.
Barber & Ross, 11th & S, N. W., Washington, D. C.
Basic Mfg. Co., Wilmington, Del.
Batavia & New York Wood-Working Co., Batavia, N. Y.
Baumgarten Wm. & Co., 715 5th av, New York
Bering Mfg. Co., Houston, Tex.
BISHOP J. W. CO., 109 Foster, Worcester, Mass.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Boulia-Gorrell Co., Lakeport, N. H.
Bush Bros., Royersford, Pa.
Calmar Mfg. Co., Calmar, Ia.
Carr-Ryder & Adams Co., Dubuque, Ia.
Carrom Co., Ludington, Mich.
Central Wood Turning Co., 610 Main, N E, Minneapolis, Minn.
Corlett Planing Mill Co., Napa, Cal.
Cullen & Vaugh Co., 450 Dayton, Hamilton, O.
Curtis Bros. & Co., Clinton, Ia.
Curtis & Yale Co., Wausau, Wis.
Carr & Baal Co., Des Moines, Ia.
Edmunds Mfg. Co., 1220 S Robey, Chicago, Ill.
Elgar James, Inc., Hornell, N. Y.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Felin Chas. F. & Co. (Stairways, Moldings, Etc.), Old York rd & Butler, Phila., Pa.
Flint Geo. C. Co., 20 W 36th, New York
Fort Wayne Builders Supply Co., Fort Wayne, Ind.
Frey Planing Mill Co., Louisville, Ky.
Friedland B. Co., 281 Butler, Brooklyn, N. Y.
Hamburger E. & Co., 139 Emerson pl., Brooklyn, N. Y.
Hayden Co., 450 Park, New York
Heise & Bruns Mill & Lumber Co., 600 S Caroline, Baltimore, Md.
Herts Bros. Co., 20 W 57th, New York
Hess D. S. & Co., 3 E 40th, New York
Hill Edwin M., 2601 Penn av, Pittsburgh, Pa.
Hofstatter Theo. & Co., 668 5th av, New York
Hopeman Bros. Lumber & Mfg. Co., Rochester, N. Y.
Houston Planing Mill, Houston, Tex.
Houston Show Case & Mfg. Co., Houston, Tex.
Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Ia.
Huttig Sash & Door Co., 1206 S Vandeventer av, St. Louis, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Jamestown Mantel Co., Falconer, N. Y.
Jobst B. J., Paxton blk., Omaha, Neb.
Kertscher & Co., Elmira, N. Y.
Kimbel A. & Son, 12 W 40th, New York.
Kleeman Wm. & Co., 101 Park av, New York
Kratt George, Lorain, O.
Kurtz Bros., Bethlehem, Pa.
Lafayette Lumber Co., Lafayette, Ind.
Lindbech Chas., Jamestown, N. Y.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Maclean J. S., Spring & Water, Columbus, O.
Manhattan Wood Working Co., 281 Rider av, New York
Mansfield Lumber Co., Mansfield, O.
Market Mfg. Co., Syracuse, N. Y.
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Mertz's Geo. Sons, Port Chester, N. Y.
Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.
Nelson & Co., Jamestown, N. Y.
New York Wood Working Corp., 502 E 19th, New York
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
Palen's H. W. Sons, Kingston, N. Y.
Pinches John & Sons, New Britain, Conn.
Pottier & Stymus Co., 375 Lex av, New York
Rambusch Decorating Co., 2 W 45th, New York
Reaugh Construction Co., 2835 E 51st, Cleveland, O.
Rieser Ely J. & Co., 1st av & 28th, New York
Robinson John & Co., 49 Queen Lane Gtn, Phila., Pa.
Roehr Co., Bucyrus, O.
Rummler Wm. B., 367 W 11th, New York
St. John Wood Working Co. (Stairo), Stamford, Conn.
Schaettler F., 533 W 34th, New York
Schnute-Holman Co., Evansville, Ind.
Scott-Graff Lumber Co., Duluth, Minn.
Shenk Henry Co., Erie, Pa.
Simonson Bros. Mfg. Co., 1733 S 7th, Minneapolis, Minn.
Sloane & Moller, 316 E 65th, New York
Southwick - Pom - McFate Co., 5222H St. Jean, Detroit, Mich.
Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.
Staunchwood Shops, 97 Lincoln, Flushing, N. Y.
STRARNS A. T. LUMBER CO. (Wholesale Mfrs.), 100 Taylor, Boston, Mass.
See adv index at end of book
Stillwater Mfg. Co., Stillwater, Minn.
Strangman Mfg. Co., Newtonville, Mass.
Strobel Philip & Sons, 53 Elizabeth, New York
Syracuse Ornamental Co. (& Carvings for Furniture & Phonographs), Syracuse, N. Y.
Tiedt & Markthaler, 506 Col. av, New York.
Thomas Jos. & Son (Mfrs), Leadenhall & Henrietta, Baltimore, Md.
Tiffany Studios, 361 Madison av, New York
Trebing Mfg. Co., 1000 Center, N W. Cleveland, O.
Trunbull J. W. Lumber Co. (Wholesale), Stock Exchange bldg, Phila., Pa.
Uhrich Mill Work Co. (Cabinet Trim), Independence, Kan.
Weybrecht's J. T. Sons, Alliance, O.
Williamsport Planing Mill Co., Williamsport, Pa.
Wilson John T. (Est. of), Jamestown, N. Y.

6687—Interior Trim (Hollow Metal)

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
DOWMAN-DOZIER MFG. Co., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
Knapp Bros. Mfg. Co. ("Knapp System" Sanitary), 2419H W. 14th, Chicago, Ill.
Zahner Metal Sash & Door Co., Canton, O.

6688—Interior Trim (Steel Coach & Car)

See also Bank & Office Fixtures Metallic
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Zahner Metal Sash & Door Co., Canton, O.

Interlocks (Elevator)

See Elevator Safety Locks

6688a— Intermediates

BUTTERWORTH - JUDSON CORP., 61 B'way, New York.
See adv index at end of book
Dicks David Co., Inc., Varick & N Moore, New York.
Dye Products & Chemical Co., Inc., 200 Fifth av, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Industrial Chemical Co., East Providence, R. I.
M. & B. Chemical Co., Dept H, Johnson City, Tenn.
Monroe Color & Chem. Co. (Coal Tar), Quincy, Ill.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
T M. & G. Chemical Co., Belleville, N. J.
Verona Chem. Co., Verona av, Newark, N. J.
Western Aniline Products Co., Hammond, Ind.

6688a1—Intermediates (Dyestuff)

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

6688b— Iodides

Mallinckrodt Chem. Wks., 2nd & Mallinckrodt, St. Louis, Mo.

6688c— Iodine

American Pharmacal Co., 819 N. 2nd Phila., Pa.
Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chem. Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co. (Resublimed), 45 Park pl., New York.
Pfizer Chas. & Co., 81 Maiden Lane, New York.
Powers-Weightman-Rosengarten Co., 916 Parrish, Philadelphia, Pa.
Squibb E. R. & Sons, 73 Beekman, New York
Takamine Commercial Corp., 120 B'way, New York
U. S. Industrial Chemical Co., 27H William, New York

6688d— Iodoform

Great American Chem. Products Co., 23 Liberty, New York
Mallinckrodt Chem Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park Pl., New York
New York Quinine & Chem. Wks., 100 William, New York
Pfizer Chas & Co., 81 Maiden la., New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

6689— Iridium

Guiterman, Rosenfeld & Co. (Imp.), 35 So William, New York

Iron (Angle)

See Steel Structural Mills

6690—Iron (Architectural & Ornamental)

Star (*) in front of firm names under this classification designates founders who make Builders' Castings, etc.

The following are sub-classifications and duplications of this trade:

Bank & Office Railings
Elevator Cabs & Cars
Elevator Cars.
Elevator Enclosures.
Fire Escapes.
Gates (Ornamental Iron).
Grilles (Brass & Bronze).
Grilles (Wrought Iron).
Iron Railings & Fences.
Iron Stair Builders.
Jail & Cell Work (Steel).

ALABAMA.

ANNISTON—Ornamental Foundry Co.
Grace, C. M. & Co.
MONTGOMERY—*Hartley Boiler Works
Janney & Co.

CALIFORNIA.

FRESNO—Burnett J. H. Iron Wks.
LOS ANGELES—*Baker Iron Works
Bayer-Rothgeb Co., Stane Fe av
Habig Geo., 2819 Stanford av
Keystone Iron Works, 37th & Sante Fe av
Llewellyn Iron Works
Union Iron Works of Los Angeles, Inc., 5215 Sante Fe av
SAN DIEGO—California Iron Works, Inc. (structural)
Standard Iron Wks.
SAN FRANCISCO—Ajax Foundry, 51 Clementina
Architectural Iron & Bronze Works, 425 Potrero av
Bay City Iron Works, 1243 Harrison

F. P. SMITH WIRE & IRON WORKS

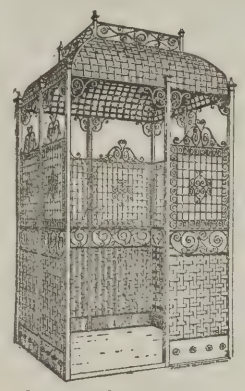
ESTABLISHED 1884

General Offices, Shops, Foundry and Warehouse

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BISHOP J. W. CO., 109 Foster
Eastern Bridge & Structural Co., 88 Cushing
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French Richard Iron Works
WICKWIRE SPENCER STEEL CORP., (& Wire Forms)
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DETROIT—Acme Fancy Wire Works, Canfield & Moran
*Amos Chas. & Co., Inc., 2990-3000 Hart av
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Chapper F. A. Iron Wks. (Ornamental Only), 652 E. Fort
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*De Croupet Iron Works, 345 Monroe
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Lewis Henry B., Ferry av & G. T. Ry
Moynahan & Duchene, 564 Porter
Ornamental Iron & Wire Works, 90 W. Woodbridge
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*Flour City Ornamental Iron Co. 27th st & 27th av
Kienzle-Merrick Mfg. Co., 1214 S 3rd
*Menzel & Jeffery Co., 317 9th av
Minneapolis Ornamental Iron Co., 143 27th, S E
*Minneapolis Steel & Machinery Co. (Cast, Structural & Ornamental), 2854 Minehaha av.
*Standard Foundry Co. (Builders' Castings), 984 Central av N E
Union Iron Works, Main cor 2nd av, S E
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ST. PAUL—Builders Iron Works Co.
Herzog Iron Works
Perkins Mfg. Co., University & Fairview avs
See adv index at end of book
*ST. PAUL FOUNDRY CO. (Castings, Structural & Ornamental), Como av & Mackubin
See adv index at end of book
*South Park Foundry & Machine Co.
Twin City Iron & Wire Works, 25 W Water
Valley Iron Works (Casting Only), 81 E Water Levee
Western Machine Mfg. Co., 443 Rosabel
WINONA—*Phenix Iron Works

MISSISSIPPI.

NATCHEZ—Shaw, C. P. & Co.

MISSOURI.

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HANNIBAL—Dildine Bridge & Iron Co.
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Kansas City Wire & Iron Works
Kleeman L. F. Mfg. Co., 1923 Central
Loewer John E. Wire & Iron Works Co., 914 Campbell
Southwest Wire & Iron Works Co.
Standard Shutter & Iron Works, 2542 Belleview
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*United Iron Wks., Inc.
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Jamieson Machine Co.
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Christopher & Simpson Iron Works Co., 9th & Park av
*Gerst Bros. Mfg. Co., 800 Cass av
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Guerdan F. & Son, 829 S 7th
*Kaysing Iron & Foundry Co., 2521 Montgomery
Laclede Iron Works, 1547 N 9th
Lasar Ornamental Iron Co., 16th & O'Fallon
Mechanics Iron Works, 901-9 S Ewing av
*Mesker Bros. Iron Co., 421 S 6th
*Missouri Bridge & Iron Co., Fullerton bldg
Mound City Iron Works
Ornamental Wire & Iron Co., Elliott & University
Rogers-Schmitt Wire & Iron Co., 1815 N 23rd
*St. Louis Archl. Iron Co., Lesperance & De Kalb
St. Louis Brass Mfg. Co., Jefferson & Washington
St. Louis Sales Co., Chemical bldg
St. Louis Wire & Iron Co.
Schurk Iron Works, 20 S Cardinal
South St. Louis Foundry Co., 7514 S B'way
*Spuck Iron & Foundry Co., 14th & Branch
*Stupp Bros. Bridge & Iron Co., Friese bldg.
Usona Mfg. Co., 826 S 18th
Victor Iron Works, 7th & Victor
Von der Au & Cluss Mfg. Co., 2461 S Jeff

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Montana Iron Works
*Western Iron Works
GREAT FALLS—Great Falls Iron Works

NEBRASKA.

BEATRICE—Beatrice Iron Works
FREMONT—*Fremont Fdy & Machine Co.
HASTINGS—*Hastings Foundry & Iron Works
OMAHA—Champion Iron & Wire Works
Mid-West Iron Wks
*Paxton & Vierling Iron Works
Wearne Bros.
YORK—*York Foundry & Engine Works (Builders' Castings, Stairs, etc.)

NEW HAMPSHIRE.

CONCORD—*Concord Foundry & Machine Co.

NEW JERSEY.

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CAMDEN—Odlen Herman
EAST ORANGE—Collinson Joshua
ELIZABETH—Arny Chas.
*Moore S. L. & Sons
HOBOKEN—Buchholtz C. Co.
JERSEY CITY—*Fagan Iron Works, 14th
Feudtner William, 391 7th
Hamill Alex. Iron Works, 426 Montgomery
Victorsohn Morris, 199 3rd
MADISON—Force Chas. & Son
NEWARK—American Coal Chute Co. & Architectural Iron Works, 14 Buffington av
Friedman M. A., 226 Hillside
Goeller H. R., 406 Frelinghuysen av
Goldberg E. Iron Works, 165 W. Kinney
*Hay Foundry & Iron Works, Plum Point la
Hedden Iron Construction Co., Lyons Farms
*Hewitt John Foundry Co. (Castings Only), E. Newark
Industrial Wire & Metal Works, 95 High
Katchen, Barnett Iron Works, 107 Hunterdon
Koller E. L. Mfg. & Coal Chute Co., 282 Sussex
Payne Bros., Emmet, cor Av D
Smith Albert Sons, 73 N. J. R. R. av
NEW BRUNSWICK—*New Brunswick Iron Works (Cast, Wrought & Ornamental)
PASSAIC—Passaic Artistic Iron Works
PATERSON—Bogert-Carlough Co.
*Eastwood Benj. Co. (Builders' Castings Only)
Lendrim H. C. Co.
ROCKAWAY—Lincoln Architectural Iron Co.
TRENTON—Baker W. H.
*Mackenzie's, Duncan Sons Co.
UNION HILL—Haas, G. M.
*Mott J. L. Iron Wks.
WEST HOBOKEN—Courtman Walter F.

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Foundry & Machine Works

NEW YORK.

ALBANY—Clausen N. R. Architectural Iron Co.
*McKinney, Jas. & Son
BINGHAMTON—Shapley & Wells
BUFFALO—Buffalo Structural Steel Co.
Buffalo Wire Works Co. (Ornamental), 453 Terrace
See adv index at end of book
*Ernst's Charles F. Sons
Feine August & Sons Co., 140 Terrace
Ginther's J. Sons Co,
Jones Iron Works
Kellogg Structural Steel Co., 31 Stone
Mostberger Iron Co., 878 S Division
Progressive Structural Steel Co.
JAMESTOWN—*Eagle Foundry & Machine Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Albee & Godfrey Co., Stewart av
Bassett A. Iron & Wire Works, 42 Walworth
Bloss O. J., 243 Monitor
Child W. C. W., 355 Kingsland av

NEW YORK—New York—continued
*Eagle Iron Works (Inc.), 850 DeKalb av
Estey Bros. Co., 270 Union av
Feldman Jno., 1323 Gates av
Fluegel Anton, 219 Cook
General Iron Works, 1480 Eastern Parkway
Gratz George E., Jr., 1143 DeKalb av
Green B. G., 213 Pacific
Grosback Wm. & Co., 37 Maspeth av
Hafker Bryan, 73 N Portland av
Hassler Fred'k, 2 Sullivan
Hebbard & Wenz, 240 N 10th
Hecla Iron Works, 118 N 11th
Janssen Bernard H., 135 Huron
Kalter & Rolnick Iron Works, 415 Dumont av
Kennington Iron Works, 414 3d av
Lister & Fee, 42 S 8th
Marcus Harry Iron Works, 237 Van Sinderen av
Mark & Mohl, 3rd av & 6th
May Jacob, 850 De Kalb av
Meyer & Anselm, 173 Van Sinderen av
Mock Julius & Sons, 777 Rutland rd
Muilon Bros., 1 Devoe
Mulstein Jno. Co., 211 3d av
Nassau Steel & Iron Wks., 525-58th
Philips Abraham A., Jr., 2219 Pitkin av
Poppke & Son, 805 Lexington av
Powell John R., 500 Leonard
*Reliance Arch'l Iron Works, 253 Monitor
Ridgewood Iron Works, 1604 De Kalb av
Schwenn Wm., 830 Lexington av
Steckenreiter Iron Works, Calyer & Jewell
Stein S., 63 N Henry
Strubel's Ridgewood Iron Works, 1604 De Kalb av
Viking Iron Works, Inc., 173 7th
Whale Creek Iron Works, 245 Huron

Boroughs of Manhattan and Bronx.

NEW YORK—**AMERICAN CAR & FOUNDRY CO.**, 165 Broadway
165 Broadway
See adv index at end of book
Anchor Post Iron Works, 50 Church, New York
See adv index at end of book
Bartlett J. B. C. Iron Works, 229 W 36th
Becker Geo., 545 W 22d
Black & Boyd Mfg. Co., 432 E 23rd
Campbell Harry E. Co., 80 W 40th
Carlin Iron Works, 310 W 40th
Central Iron Works, 420 E 48th
Chapman Wm. O. Co., 30 Church
CHICAGO BRIDGE & IRON WORKS, 3132 Hudson Terminal bldg
See adv index at end of book
Clark Peter Iron Works, 406 W 30th
Clausen H. C. Iron Works, 433 E 74th
Colonial Iron Co., 149 Broadway
Communipaw Co., 95 Liberty
Cornell Iron Works, 26th & 11th av
Dahm Henry, 517 W 45th
Daniels Oscar Co., 233 Broadway
Dauphin Wm. Bronze & Iron Wks., 141 W 33d
Dowdall Chas. E., 152 W B'way
Duke Steel Co., Inc., 191 Pearl
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Duvinage Pierre, 253 B'way
Eagle Iron Works, 403 E 117th
Eagle Wrought Iron Works, Jackson av & E 150th
East Side Iron Works, 448 E 167th
Eisenberg Bros., 438 E 10th
Elliott Jno., 356 Pearl
Ernst Gustave, 505 E 165th
Fiske J. W., Iron Works, 111 Park pl
Fox Chas. H., 369 W 11th
Fritschy E. J. Corp., 604 Greenwich
Gersmann Rud., 1431 Bryant av
Goldberg & Kavadlo, 245 E 110th
Graf Martin, 279 Ave B
Grand Central Iron Works, 212 E 52d
Grossman Bros. & Rosenbaum, Willow av & E 133d
Hafers Chris Iron Works, 407 W 37th
Halback C. E. Co., 189-91-93 Banker, Dept. H
Halback C. E. & Co. (Inc.), 23 E. 26th
Happel Adam, 408 E 93d
Harris Safety Co. (of Youngstown, O.), 39 E 19th
Hauptmann Wm., 410 E 104th
Hay Foundry & Iron Works, 15 Madison sq N
Henry-Bonnard Bronze Co., 20 Exchange pl
Hess Adam, 417 E 156th
Hinkle Iron Co., 534 W 56th
Hirschorn, Schoenberger & Krieger, 608 E 133d
Hoehn Wm. Co., 218 W 20th
Howard & Morse (Ornamental for Interiors), 45 Fulton
Industrial Iron Co., 1 Madison av
Jackson Wm. H. Company, 2 W 47th
Jennings & John, 83 Manhattan
Jordis John Iron Works, 354 Jackson av
Kingsbridge Iron Works, 405 E 99th
Kopelson Bros., 4118 Park av
Kues Bros Inc. Wks, 1807 Carter av.
Kushakow Jacob, 74 3d av
Lazere & Kaplan Iron Works, 434 E 124th
Lenges Philip Iron Works, 309 E 122d
Levering & Garrigues Co., 552 W 23d
Levy Chas., 554 W 45th
Liberty Iron Works, 462 10th av
Lieberman & Sanford Co., 623 W 57th
Luetke Oscar, 328 7th av
Lyon W. E. Iron Works, 202 E 46th
*McDougall & Potter Co., 606 W 55th
Madison Iron Works, 449 E 120th
Manhattan Iron & Steel Sales Co., 122 E 132d
Mayer & Kornbau, 143 Av D
Moreng Jos. Iron Works, 208 E 19th
Morris Elmer P. Iron Works, Inc. (Light), 136 Liberty
Mugler's Iron Works, 903 E. 135th
Murphy T. J., 619 Greenwich
Neser John E., 4 7th av
Palmer B., 312 W 43d
Park Iron Works, 712 E 136th
Periman A. Iron Works (Inc.), 1735 West Farms rd
Pitt Wm. R. Composite Iron Works ("Pitt-Bostwick" Folding Gates & Guards, Ornamental), 548 W. 27th
Pollak Max, 505 E 76th
Rahtz & Schnitzer, 21 E 137th
Realty Iron Works Co., 331 E 82d
Reynolds E. P., 411 E 91st
Richter A. G., 316 Av A
Ring & Konneke, 525 W 24th
Rocker Bros., 330 W 26th
Rueth Jos., 462 10th av
Sanders & Barnett, Southern blvd & 145th
Schacht B., 279 E 148th
Scherbner Paul Iron Works, 306 E 123d
Standard Iron Works, 508 E 74th
Steinel Bruno, 429 W 26th
Stolz Joseph & Sons, Inc., 841 E 136th
Thompson Hervey, 233 B'way
Tiffany Studios, 361 Madison av
TYLER W. S. CO. (of Cleveland, O.), 200 5th av
See adv index at end of book
Tyroler Leo, 101 W 88th
Uris Harris H., Iron Works, 521 W 26th
Veeser Frank, 228 E 150th
Victor Iron Works, Inc., 1106 Brook av
Wander Iron Works, 321 E 94th
Weber's Jacob V. Sons, 308 E 26th
*Wells Architectural Iron Co., River av & 151st
Williams Jno., Inc., 556 W 27th
Yorkville Iron Works, 433 E 74th

Borough of Queens.

LONG ISLAND CITY—Just Geo. A. Co., 239 Vernon av
Polachek John Bronze & Iron Co., 480 Hancock
Sexauer & Lemke, Vernon av
MASPETH—(New York City)—*Richey, Browne & Donald, Flushing av

(End of New York City)

POUGHKEEPSIE—Mitchell Co., Inc.
ROCHESTER—*Heughes F. L. & Co.
Kohlmetz Chas. E.
Kohlmetz H. L.
White Wire Works Co.
SYRACUSE—Dunning W. D.
General Erecting Co., Maltbie & W. Shore R. R.
*Smith & Caffery Co.
Syracuse Wire Works, 101 University av
Thelen Bros.
TROY—*Mahony Mfg. Co.
West Side Structural Co.
UTICA—Jones Willis H.
WATERTOWN—Wilson J. C.
YONKERS—Morris Thos. Jr. (Estate of)

NORTH CAROLINA.

CHARLOTTE—*Mecklenburg Iron Works
GREENSBORO—*Glascock Stove & Mfg. Co. (Builders' Castings Only)
Sergeant Mfg. Co.

NORTH DAKOTA.

FARGO—*Fargo Foundry Co.
Fargo Iron & Metal Co.

OHIO.

AKRON—Ornamental Iron Works Co.
ASHTABULA—Barber Mfg. Co.
BELLEFONTAINE—Bellefontaine Bridge & Steel Co.
CANTON—*Canton Foundry & Machine Co. (Castings, Columns, Sills, Base Plates, etc)
Columbia Iron & Wire Works Co.
Union Metal Mfg. Co.
CINCINNATI—Cincinnati Artistic Wrought Iron Works, 2941 Eastern av
Cincinnati Iron Fence Co., 3300 Spring Grove av
Cincinnati Mfg. Co. (Wrought, Cast & Ornamental)
Columbia Iron Works, 721 Reading rd
Egbers Geo. H. & Bro., 228 E 7th
Fening-Stockman Iron Wks. Co., 113 Gest
Frelinger J. G. Iron Works, 115 W 2d
General Iron Wks. Co., Front & Harriet
Grimm Iron Works
Kammen Walter, 3258 Spring Grove av
Lang Wm. & Sons Co., Patterson nr Bank
Messmer Andrew Co., Patterson nr Bank
Newman Mfg. Co., 722 Sycamore
See adv index at end of book
Rowekamp Bernard J., 2620 Colerain av
Schoeneberg Fred, 8th & Evans
*Schrieber L. & Sons Co., 3869 Ivanhoe
Stewart Iron Works (The), 237 Stewart blk
See adv index at end of book
CLEVELAND—Acme Fence & Iron Co., 8506 Lake
Barshal Steel Equipment Co., 2031 Euclid av
Brooks T. H. & Co.
*City Foundry Co. (Castings)
Cleveland Art Metal Co., 3620 Superior
Dreyer G. H. & Son
Forest City Steel & Iron Co., 110th nr Detroit av
Kirchner Iron & Wire Co., 1149 Norwood rd
McLaren Iron Works Co.
*Madison Foundry Co.
National Iron & Wire Co.
Republic Structural Iron Works Co., 1350 E 53d
Sheer Bros. Fence & Iron Co., 715 E 103d
Steelite Co., 1920 W 77
Stevens Iron Works & Fireproofing Co.
TYLER W. S. CO.
See adv index at end of book
*Van Dorn Iron Works Co., 2700 E 79th
*Variety Iron & Steel Works Co., Hamilton av & E 40
Zeman Iron Works Co., 5651 B'way
COLUMBUS—Columbus Structural Steel Co.
Columbus Wire & Iron Works Co.
Krumm Martin
*McDonald Foundry (Cast Iron)
Morris C. E. Co.
DAYTON—Dayton Steel Construction Co., Howell & Wilbur
Plocher Andrew Sons Co.
FREMONT—*Lehr Agricultural Co.
HAMILTON—MEYERS FRED J. MFG CO.
See adv index at end of book
MANSFIELD—Hughes-Keenan Co.
MIDDLETOWN—Shartle Bros. Machine Co.
SANDUSKY—*Klotz Machine Co.
*Mack Iron & Wire Works Co.
SPRINGFIELD—*Bayley Wm. Co.
*Hennessey Foundry Co.
Peet & Schuster Co.
TOLEDO—Art Iron & Wire Works
Braunschweiger Bros.
Milmine H. B. & Co.
*Toledo Foundry & Machine Co.
Toledo Wire & Iron Works
WILMINGTON—Champion Bridge Co.
YOUNGSTOWN—Youngstown Wire & Iron Co.

OKLAHOMA.

OKLAHOMA—Klein J. B. Iron Foundry Co.
*Oklahoma City Foundry & Machine Co.

OREGON.

ALBANY—*Albany Iron Works
EUGENE—Frazer G. N.
PORTLAND—Pacific Bridge Co., E Water & Salmon
Smith & Watson Iron Works, Front & Harrison

PENNSYLVANIA.

ALLENTOWN—*Hanlon John J.
McDermott Engineering Co.
BETHLEHEM—Bethlehem Fabricators, Inc.
BLOOMSBURG—*Harman & Hassert.
BRIDGEPORT—Gehret Bros.
CHESTER—Boulden Wm. M. & Son
ELLWOOD CITY—Ellwood City Iron & Wire Co.
GREENSBURGH—*Hempfield Foundry
HOLLIDAYSBURG—*McLanahan Stone Machine Co.
HOMESTEAD — Keystone Ornamental Iron Co.
JOHNSTOWN—GRIFFITH GEO J.
LANCASTER—Lancaster Structural & Foundry Wks. Rote A. B. & Co.
LEBANON—Lebanon Iron Co.
McKEESPORT—Monon & Yough Foundry Co.
Smith Nimmo & Co.
NEWSIDE—Peter F. N. & Bro.
PHILADELPHIA—*Adams Wm. Foundry Co., Inc, 960 N 9th
Allen Iron & Steel Co., 3rd & Venango
Aubel F. & E., 2505 Germantown
*Baizley John, Iron Works, 514 S Del av
Barnes Winfield S. & Co., 20th & Erie av
Bear Engr. & Constr. Co., 1712-14H Ludlow
*Belmont Iron Works, 22d & Washington av
Biddle-Gaumer Co., 3846 Lancaster av
Biggin Chas. P. Co., 1829 Harlin
*Biggin C. P. Co., 1829 Harlan
Boureau H. U. & Co., 3302 Ludlow
Clopp Geo. B., 3717 Filbert
Columbia Iron Works, 246 N 5th
*Coyle H. B. Iron Works, 622 Filbert
*Creswell Samuel J. Iron Works, 23d & Cherry
Darby Edw. & Sons Co., 412 N. 18th
Gensel Fred'k & Co., 911 Vine



Tyler Elevator Enclosure, Type "A" Construction

TYLER

ORNAMENTAL IRON and BRONZE

Elevator Enclosures
Elevator Cars
Memorial Tablets
Entrances
Marquises
Gates
Grilles
Bronze Doors
Porte-Cocheres
Stairways
Store Fronts
Bank Railings
Office Railings
Lamps, Etc.

DESIGNERS, FOUNDERS AND MANUFACTURERS OF ORNAMENTAL IRON AND BRONZE FOR ENTIRE BUILDING CONTRACTS

THE W. S. TYLER COMPANY

CLEVELAND, OHIO

CHICAGO 337 So. Michigan Ave.
NEW YORK 200 Fifth Ave.
BOSTON 68 Devonshire St.

*Hitzeroth Edward, 3120 Market
Horrocks Iron Works, 234 N Broad
Jahn Wm. R., 3239 Germantown av
Kemper Cons. Co., 905 Walnut
Keystone Structural Co., Harrison bldg
Lederle Robt. B., Witherspoon bldg
Lee Benjamin, 628 N 5th
McArdle Wm. H. & Son, 511 Bainbridge
Midland Metal Co., Inc., 21st & Jefferson
Noe Wm. L. Co., 2nd & Oxford
O'Neill Michael, 1531 Filbert
Pettit Frank, Ornamental Iron Wks., 809 Master
Philadelphia Art Co., 16 N. 9th
Richmond & Kemp, 21st & Washington
Simpson Washington, 919 S 46th
Sutton W. A. & Co., 926 N 19th
*Thompson J. & Co., Van Horn & Sophia
Turner Henry, 4737 N Front
Wark W. E. Co., 1737 Filbert

PITTSBURGH — Buechele Iron & Tool Works Co., 4127 Liberty av
Eichleay John Jr. Co., 20th & Wharton
Fort Pitt Steel & Iron Wks., 802H Fulton bldg
Hanny Chas. G. & Co., 856 W North av
Lane Thos Co., Farmers Bank bldg
Lanz M. Bolt Co., 2907H Carson
*Marshall Foundry Co. (Builders' Castings), 28th & R. R.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg
See adv index at end of book
Pittsburgh Ornamental Iron Co., S 20th & Wharton
Rieseck Iron Works, 1201 Metropolitan
*Rosedale Foundry & Machine Co., Columbus & Preble
Sommerville Iron & Bronze Co., 5641 Butler
Star Ornamental Iron & Wire Works 2525 Frazier
Stewart-Holland Co., Wabash bldg
Taylor & Dean, Penn av & 25th
Vilsack Martin Co., 3222 Penn av

POTTSTOWN—Weller M. D.
READING—Kiefer W. L.
*Remppis W. F. Iron Wks. (Plain & Ornamental), 226 Spruce
SCRANTON—**SCRANTON IRON & STEEL CO.**
WAYNESBORO—Smith Fence & Iron Co.
WILKES-BARRE—Eagle Iron Works
Wilkes-Barre Iron & Wire Wks. Co., Inc., H Coal Exchange bldg
YORK—Christensen Wm. (Jobbers)
Smyser Royer Co.

RHODE ISLAND.

PAWTUCKET—White J. S. Co.
PROVIDENCE—*Colvin Foundry Co., 135 Globe
Commercial Iron Works, Inc., 171 Globe
Providence Ornamental Iron Works, 72 Dudley
Providence Steel & Iron Co. (Cast & Wrought), Kinsley av
Tower Jas. H. Iron Works, 50 Borden
WOONSOCKET—*Woonsocket Mach. & Press Co. (Builders' Castings)

SOUTH CAROLINA.

ANDERSON—*Anderson Machine & Fdry. Co.
CHARLESTON—Riley J. F.
*Riverside Iron Works, Concord

SOUTH DAKOTA.

SIOUX FALLS—Pankow Bros.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co., Dept. H.
Eureka Supply Co.
Price-Evans Foundry Co.
Standard Iron & Wire Works.
JACKSON—*Southern Engine & Mfg. Co.
KNOXVILLE—*Fair Foundry Co.
*Knoxville Foundry & Machine Co.
MEMPHIS—Pidgeon-Thomas Iron Co.
Tennessee Wire & Iron Works
NASHVILLE—Stewart & Bruckner Co.

TEXAS.

AUSTIN—*Tips Walter Co.
DALLAS—Harry O. K. Steel Works
*Mosher Mfg. Co.
FORT WORTH—*Van Zandt Iron Works
HOUSTON—Berger A. A. & Co.
*Dickson Car Wheel Co.
*Hartwell Iron Works
*Houston Car Wheel & Machine Co.
Riesner Bernard A.

UTAH.

SALT LAKE CITY—*Salt Lake Iron & Steel Co.

VIRGINIA.

ALEXANDRIA—Alexandria Iron Works
DANVILLE—*Westbrook Elevator Mfg. Co., Inc.
NORFOLK—Norfolk Iron & Wire Works
RICHMOND—Carr Jas. W., 7th N 25th
Cruickshanks Iron Works Co., Dineen & S. A. L. R. R.
Richmond Structural Steel Co., 18th & Dock
Ross Structural Iron Works
*Tredegar Co., ft. of 5th
ROANOKE—*Roanoke Iron Works
Roanoke Iron & Bridge Wks, Inc.
*Virginia Bridge & Iron Co.

WASHINGTON.

SEATTLE—American Iron & Wire Works
*Olympic Foundry Co. (Builders' Castings, etc)
Pacific Ornamental Iron Co.
West Coast Ornamental Iron & Wire Works, Inc
*Variety Iron Works
SPOKANE—Spokane Ornamental Iron & Wire Works
*Union Iron Works, Inc.
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

WHEELING—Moss J. E. Iron Works

WISCONSIN.

APPLETON—*Valley Iron Works Co. (Castings & Columns, etc)
DE PERE—Western Steel & Iron Works (Steel Gates, Fences, etc)
EAU CLAIRE—*Phoenix Mfg. Co.
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
Torrance John & Son
MADISON—Kupler Theodore
MILWAUKEE—Badger Wire & Iron Works, 25th av & Cleveland
Bayley Structural Iron Co., 705 S Pierce
Globe Wire & Iron Works, Atkinson av
*Greenslade John, 678 Jefferson
Hackendahl & Schmidt Co., 16th & Canal
Hennecke C. Co., 1353 N Pierce
Iron & Wire Wks (Wickets)
Milwaukee Structural Steel Co., 19th & St. Paul av
Pietsch Ferdinand, 617 Cedar
Standard Iron & Wire Works, 489 12th
Wagner A. F., Arch'l Iron Works, 763 N. Water
*Wisconsin Iron & Wire Works
RACINE—Goehner Chas.
Racine Iron & Wire Works
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
WEST BEND—*Gehl Bros. Mfg. Co. (Castings Only)

Iron (Band & Hoop)

See Iron & Steel, Band & Hoop

6691— Iron Bar Mills

See Also Steel Structural Mills

Aetna Nut Co. (Merchant Bar, Rounds & Squares, Ovals & Half Rounds & Ovals), Southington, Conn.
Altoona Iron Co. (Refined Merchant Bar, Band, Hoop, Oval, Half Round & Scroll Iron), Altoona, Pa.

IRON BAR MILLS—continued
American Car & Foundry Co. (Merchant Bars, Flats, Squares, etc), Syndicate Trust bldg, St. Louis, Mo.
American Chain Co. (Merchant Bar Iron for Harness & Saddlery Work & Chains), Bridgeport, Conn.
American Horse Shoe Co. (All for our own Consumption), Phillipsburg, N. J.
American Steel & Wire Co. (Flats for Horse Shoes, etc), Frick bldg, Pittsburgh, Pa.
Ames W. & Co. Rounds, Flats & Squares), Woodward, Jersey City, N. J. *See adv index at end of book*
Armstrong Geo. W. & Co., Inc. (Rounds, Squares & Flats, etc), Fort Worth, Tex.
Bethlehem Steel Co. (Double Refined), S Bethlehem, Pa.
Booth J. B. & Co., 216 E. Robinson, Pittsburgh, Pa.
Bourne-Fuller Co., Hickox bldg, Cleveland, O.
Brown & Co. (Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne way, Pittsburgh, Pa.
Burden Iron Co. (Bar & Other Merchant Iron), Troy, N. Y.
Carter Iron Co. (Merchant Bar Iron), **307 5th av, Pittsburgh, Pa.**
Collins Co. (Flats & Squares), Collinsville, Conn.
COLONIAL SUPPLY CO., 217 Water Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co. (Merchant Bar), Denver, Colo.
Crozier R. J. Co., North Ames bldg, Phila., Pa.
Danville Iron & Steel Co., Danville, Pa.
Dominion Iron & Steel Co., Ltd., 15 John, New York.
Donnelly & Co., 319H Vine, Phila., Pa.
Edwards Edward T., Columbia, Pa.
Electro Steel Co., Inc., Curry Bldg., Pittsburgh, Pa.
Empire Galvanizing Co., 2507 E. Cumberland, Phila., Pa.
Empire Rolling Mill Co. (Merchant Bar Iron), Bessemer & C. & P. Ry., Cleveland, O.
Fort Wayne Iron Steel Rolling Mills Corp. (Rounds, Squares, Flats, Ovals, Crescents, Tees, Angles & Channels), W. Taylor, Fort Wayne, Ind.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Products Co., Inc., 431 S. Dearborn, Chicago, Ill.
Harrow Spring Co. (Refined Bar Iron), Milwaukee, Wis.; Works, Kalamazoo, Mich.
Highland Iron & Steel Co. (Merchant Bar), Terre Haute, Ind.
Hoopes & Townsend Co. (Merchant Iron, Rounds, Squares & Flats), Broad & Buttonwood, Phila., Pa.
Hughes & Patterson (Bar Iron), 800 Richmond, Phila, Pa.
Illingworth Jno. Steel Co. (Rerolled Swedish & Norway Iron), Tacony & Lewis. Phila., Pa.
Industrial Steel & Brass Corp., 602 W. Lake, Chicago, Ill.
Interstate Iron & Steel Co., 104 S. Michigan Av., Chicago, Ill.
JANSON STEEL & IRON CO. (High Grade Refined Iron in Rounds, Squares, Flats, etc), Columbia, Pa.
Judson Mfg. Co. (Merchant Bar Iron), 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co. (Merchant Bar Iron). Kansas City, Mo.
Kilby Car & Foundry Co., Anniston, Ala.
Knoxville Iron Co. (Merchant Bar), Knoxville, Tenn.
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Liberty Steel Products Co., 233 Broadway, New York.
Lockhart Iron & Steel Co. (Rolled Bar Iron Specialty, "Vulcan," Brand of Iron Bars, Bands, Angles & Channel), McKees Rocks, Pa.
Logan Iron & Steel Co. (Charcoal & Refined Bar Iron, Crown Bars, Flats, Rounds, Squares, Ovals, Half Rounds & Ovals, etc.), St. Girard bldg, Phila., Pa.
Lukens Steel Co., Coatesville, Pa.
McCoy-Linn Iron Co. (Charcoal), Iron, Rounds, Flats & Squares), Milesburg, Pa.
Milton Mfg. Co. (Refined Bar Iron), Milton, Pa.
National Rolling Mill Co. (Bar & Finished), Vincennes, Ind.
Nicetown Plate Washer Co. (Refined Merchant), 1824 Juniata, Phila., Pa.
Ohio Falls Iron Co. (Merchant Bar & Iron for Railroad, Bridges & Car Works, etc), New Albany, Ind.
OLD DOMINION IRON & STEEL CORP. (Merchant Bar & Bridge Iron, including Bands), Belle Isle, Richmond, Va.
Penn Steel & Iron Corp. (Refined Black or Galvanized Bar Iron), Lancaster, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Forge & Iron Co., H Chamber of Commerce bldg, Pittsburgh, Pa.
Reading Iron Co. (Merchant Bar), Reading, Pa.
Republic Iron & Steel Co. (Common, Merchant & Refined Bar Iron), Youngstown, O.
See Branch Offices Alphabetical Section
Richmond Structural Steel Co., 18 & Dock, Richmond, Va.
Rockaway Rolling Mill (Bar & Double Refined Bars), Rockaway, N. J.
St. Louis Screw Co. (Iron Rounds & Squares ¼ to 3 in.; Flat ⅝x12 to 8x1½ in), Clarence & Bulwer avs, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock Bldg., San Francisco, Cal.
Scranton Bolt & Nut Co. (Merchant Bar), Scranton, Pa.
Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Refined Carriage, Drop Forging, Horse Shoe & Boiler Rivet Iron, etc), Slatington, Pa.
Sylvester Company (Merchant Bar Iron), 141 Milk, Boston, Mass. Works: Danvers, Mass.
Tredegar Co. (Merchant Bar, Car Iron), ft of 5th, Richmond, Va.
Tuttle Chas. W. (Merchant Bar Iron), ft of McMaster, Auburn, N. Y.
Ulster Iron Works (Puddled Merchant Bar Iron), Dover, N. J.
Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet Iron), Aetna rd & E 82d, Cleveland, O.
Virginia Iron Coal & Coke Co. (Merchant Bar Iron), Roanoke, Va.
Westerman & Co. (Rounds, Squares, Hexagons & Fancy Shapes & Horse Shoe Iron), Lockport, N. Y.
Wurster F. W. & Co. (Merchant Bar Iron), 375 Kent av, Brooklyn, N. Y.

Iron (Boiler & Tank Plate)
See Iron & Steel, Boiler & Tank Plate

6692— Iron (Bridge)
See also Steel Structural Mills
Lockhart Iron & Steel Co., McKees Rocks, Pa.
Logan Iron & Steel Co., St. Girard bldg, Phila, Pa.

6692a— Iron Bromide
Dow Chemical Co. (Ferrous & Ferric), Midland, Mich.
Mallinckrodt Chem. Wks., 2nd & Mallinckrodt, St. Louis, Mo.

6692b— Iron Carbonate
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Ohio Falls Iron Co., New Albany, Ind.

Iron Castings
See Castings, Various Kinds; also Machinists & Founders

Iron (Channel)
See Steel Structural Mills

6693— Iron (Charcoal Sheet)
See also Iron & Steel Sheet, Black & Galvanized
Ewald Iron Co., Louisville, Ky.
Griffith Charcoal Iron Mills, Washington, Pa.
Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

6693a—Iron Chloride (Crystals)
Dow Chemical Co. (Commercial & U. S. P.), Midland, Mich.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

6694— Iron Chromate
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

Iron (Electrical)
See Iron & Steel Sheet, Electrical

6695— Iron (Engine Bolt)
See also Iron Bar Mills
Bethlehem Steel Co. (Double Refined), South Bethlehem, Pa.
Carter Iron Co. ("Carter"), 307 5th av, Pittsburgh, Pa.
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Lockhart Iron & Steel Co. ("Vulcan" Puddled), McKees Rocks, Pa.
OLD DOMINION IRON & STEEL CORP., Belle Isle, Richmond, Va.
See adv index at end of book
Ohio Falls Iron Co., New Albany, Ind.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Rome Iron Mills Inc., 30 Church, New York
Slatington Iron & Steel Co., Slatington, Pa.
Ulster Iron Works ("Ulster" Special), Dover, N. J.

Iron Fencing
See Iron Railings & Fences; also Fences, Iron & Steel Picket

6696— Iron (Guide)
See also Iron Bar Mills
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

6697-8— Iron (Horse Shoe)
See also Iron Bar Mills
Empire Rolling Mill Co., Bessemer & C. & P. Ry., Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Logan Iron & Steel Co., St Girard bldg., Phila., Pa.
Ohio Falls Iron Co. (Hammered Charcoal Iron), New Albany, Ind.
Rome Merchant Iron Mill, Rome, N. Y.
Slatington Iron & Steel Co., Slatington, Pa.
Tuttle Chas. W., ft of McMaster, Auburn, N. Y.

6698— *Iron Liquor
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Eastwood Chemical Co., Belleville, N. J.
Sergeant E. M. Co. (Acetalin), 15 E. 26th, New York *See adv index at end of book*

6699— Iron Muck Bar
(This List Contains Only those Firms Who Manufacture Muck Bars for Sale)
Bethlehem Steel Co. (Low Phosphorus), South Bethlehem, Pa.
Blandon Rolling Mill, Blandon, Pa.
Brooke E. & G. Iron Co., Birdsboro, Pa.
Carter Iron Co. (Fine Grades), 307 5th av, Pittsburgh, Pa.
Empire Rolling Mill Co., Bessemer & C. & P. Ry., Cleveland, O.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Glasgow Iron Co., Pottstown, Pa.
Highland Iron & Steel Co., Terra Haute, Ind.
Interstate Iron & Steel Co., 104 S. Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.
Lessig Geo. B. Co., Pottstown, Pa.
Logan Iron & Steel Co., Morris bldg, Phila., Pa.
Milton Mfg. Co., Milton, Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Spang, Chalfant & Co., Union Bank bldg, Pittsburgh, Pa.

6699a— Iron Nitrate
General Chemical Co., 25 Broad, New York
Merrimac Chemical Co., 148 State, Boston, Mass.

Iron (Norway)
See Iron & Steel, Swedish

6700— Iron (Open Hearth)
Andrews Steel Co. (Rust Resisting Sheets, etc), Newport, Ky.
Inland Steel Co. (Rust-Resisting Sheets & Plates), 1st Nat'l Bank bldg, Chicago, Ill.
Newport Rolling Mill Co. (Rust Resisting, Anti-Corrosive Sheets), Newport, Ky.

6700a— Iron Oxide
See also Oxide of Iron
Chrystal Charles B. (Red & Black), 18 Cliff, New York
See adv index at end of book
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hummel & Robinson (Natural), 26 Cortlandt, N. Y.
McNulty Joseph A., 114 Liberty, New York
See adv index at end of book
Standard Silicon Co., Dept. H, Ridgeway, Pa.
Warren Products Co., 265 B'way, New York *See adv index at end of book*

6700b— Iron (Perchloride)
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Iron Pier Builders
See Steel Structural Work

Iron (Pipe & Flue)
See Iron & Steel Skelp

Iron (Planished)
See Locomotive Jacket Iron; also Steel Sheets, Planished & Polished

6700c—Iron (Precipitated Oxide of)
Lavino E. J. & Co., Bullitt bldg, Phila. Pa.

6701—Iron Railings & Fences

For other Iron Railing Manufacturers see Iron, Architectural & Ornamental; also Bank & Office Railings; also Wire Fences

Amos Chas. & Co. Inc., 2990-3000 Hart av, Detroit, Mich.
ANCHOR POST IRON WORKS ("Electric Weld"), 50 Church, New York
See adv index at end of book
Armstrong & Parker, Bath & 361 Guilford av, Baltimore, Md.
Balderston H. & Son, 505 W. Franklin, Baltimore, Md.
Barbee Wire & Iron Works, Lafayette, Ind.
Barnum E. T. Wire & Iron Wks., 864 Woodward, Detroit, Mich.
Bayley Wm. Co., Springfield, O.
Belmont Iron Wks., 22d & Wash. av, Phila., Pa.
Biggin Chas. P. Co., 1829 Harlin, Phila., Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chesapeake Iron Works, Westport, Baltimore, Md.
Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, O.
Cincinnati Mfg. Co., Cincinnati, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Columbus Wire & Iron Works Co., Columbus, O.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila, Pa.
Darby Edward & Sons Co., 412 N 18th, Phila., Pa.
Dauchy Iron Works, 223 W Illinois, Chicago, Ill.
Davenport Machine & Foundry Co., Davenport, Ia.
Deschauer Wire & Iron Works, 2009 Larrabee, Chicago, Ill.
Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.
Dow Wire & Iron Works, Louisville, Ky.
Dufur, Baggott & Co., 403 N. Paca, Baltimore, Md.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eagle Iron Works Inc., 850 De Kalb av, Brooklyn, N. Y.
East Iron & Machine Co. (Railings Only), 351 E Market, Lima, O.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Fiske J. W. Iron Works, 111 Park pl, New York
Fleck, M., 338 E 124th, New York
Flour City Ornamental Iron Co., 27th st & 27th av, Minneapolis, Minn.
Gehret Bros., Bridgeport, Pa.
Haarmann G. & Co., Inc., Holyoke, Mass.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Hassell Iron Works Co., Colorado Springs, Colo.
Heath-Johnson Co. Inc., 300 W Ontario, Chicago, Ill.
Hennecke C. Co., 1353 N Pierce, Milwaukee, Wis.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Howard & Morse (For Interiors), 45 Fulton, New York
Inglis Wm. Wire & Iron Wks., 61 Woodbridge E, Detroit, Mich.
International Steel & Iron Co., Evansville, Ind.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Jackson Wm. H. Company, 2 W 47th, New York
Jones Willis H., Utica, N. Y.
Kansas City Wire & Iron Works, Kansas City, Mo.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Krees Bros. Iron Wks, 1807 Carter av, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lindenschmidt Co., Evansville, Ind.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Lyons F. P. Iron Works, 319 Elm, Manchester, N. H.
McKinney Jas. & Son, Albany, N. Y.
Manly Jail Works, Dalton, Ga.
Mansfield Steel Corp., 288 Milwaukee av, East, Detroit, Mich.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co. (Railings), Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Moss J. E. Iron Wks., Wheeling, W. Va.
Nash Caleb, Mt. Vernon, N. Y.
New Haven Fence & Fire Escape Co., 683 Grand av, New Haven, Conn.
Newman, A. J., Shreveport, La.
NEWMAN MFG. CO. (Hand Railings), 722 Sycamore, Cincinnati, O.
See adv index at end of book
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
Ornamental Foundry Co., Anniston, Ala.
Pacific Fence Construction Co., 423 Market, San Francisco, Cal.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Peter F. N. & Bro. (Wrought Iron & Cast Iron), Newside, Pa.
Pettit Frank, 809 Master, Phila, Pa.
Pitt Wm. R. Composite Iron Works (Ornamental), 548 W 27th, New York
Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
Potts Mfg. Co., Mechanicsburg, Pa.
Queen City Iron & Wire Wks. Co., Denver, Colo.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Ralston Iron Works, 20th & Indiana, San Francisco, Cal.
Remppis W. F. Iron Wks., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald (& Bronze), Flushing av, Maspeth, N. Y.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Roanoke Iron & Bridge Wks, Roanoke, Va.
Ross Bros. (Fences Only), Miners Mills, Pa.
St. Louis Wire & Iron Works Co., 518 Chouteau av, St. Louis, Mo.
Scaar Frank & Co., 1042 W 11th, Chicago, Ill.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith A. L. Iron Wks., Dept. H, Chelsea, Mass.
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith L. Iron & Steel Co., Jacksonville, Fla.
Smyser Royer Co., York, Pa.
Snow W. A. Iron Works, Inc., 32 Portland, Boston, Mass.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Standard Iron & Wire Works, Chattanooga, Tenn.
STEWART IRON WORKS THE, 237 Stewart blk, Cincinnati, Ohio
See adv index at end of book
Stewart Iron Works Co. Inc., Cincinnati, Ohio
Stolz, Jos. & Son, Inc., 841 E 136th, New York
Taylor & Dean, Penn av. & 25th, Pittsburgh, Pa.
Thompson Hervey, 233 Bway, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
Union Iron Wks. Co., 212 12th, Washington, D. C.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co. (Wrought), 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vilsack Martin Co., 3222 Penn av, Phila., Pa.
Voss Frederick, 552 W Monroe, Chicago, Ill.
Wells Architectural Iron Co., River av & 1st, New York
West Side Structural Co., Troy, N. Y.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wis. Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Zeman Iron Works, 5651 Broadway, Cleveland, O.

6702—Iron (Refined Hammered)

Cyclops Steel Co., 120 B'way, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book

6703— Iron (Russia)

Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.

6704—Iron (Rust Resisting)

Allegheny Steel Co. ("Allegheny" Charcoal Iron), Oliver bldg, Pittsburgh, Pa.
Andrews Steel Co. (Genuine Open Hearth, Sheets, etc), Newport, Ky.
Falcon Steel Co., Niles, Ohio
Fisher C. W., 52H B'way, New York
Inland Steel Co. ("Vismera"), First Nat'l Bank bldg, Chicago, Ill.
Newport Rolling Mill Co. (Genuine Open Hearth Sheets), Newport, Ky.
Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
Stark Rolling Mill Co. (Toncan, Metal Sheets) Canton, O.
Whitaker-Glessner Co. (Portsmouth Iron), Wheeling, W. Va.

6705—Iron (Rustless, Oxidized)

Meyers Fred'k J. Mfg. Co., Hamilton, O.
See adv index at end of book

6705a— Iron Scale

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

6706—Iron Sheets (Blue Annealed)

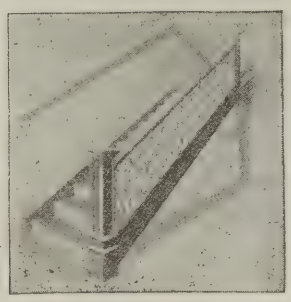
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Newport Rolling Mill Co., Newport, Ky.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Stolz Jos. & Son, Inc., 841 E 136th, New York City
Whitaker-Glessner Co. (Rust Resisting), Wheeling, W. Va.

Iron Skelp

See Iron & Steel Skelp

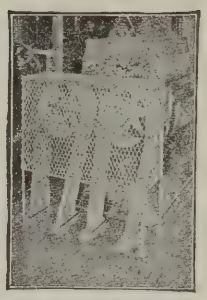
6707— Iron Stair Builders

Amos Chas & Co., 640 Hart av, Detroit, Mich.
Armstrong & Parker, 361 Guilford av, Baltimore, Md.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Bayer-Rothgeb Co., Los Angeles, Cal.
Belmont Iron Works, 22d & Washington av, Phila, Pa.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Capital Iron Works Co., Topeka, Kan.
Chattanooga, Roofing & Foundry Co. (Outside Wrought Iron), Dept. H, Chattanooga, Tenn.
Chesapeake Iron Works, Westport, Baltimore, Md.
Child W. C. W., 355 Kingsland av, Brooklyn, N. Y.
Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Philadelphia, Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Dexter Metal Mfg. Co. (Spiral), 93 Arch, Camden, N. J.
Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Fanner Mfg. Co., Brookside Pk., Cleveland, Ohio
Flour City Ornamental Iron Co., 27th st & 27th av, Minneapolis, Minn.
Fort Pitt Steel & Iron Wks., Fulton bldg, Pittsburgh, Pa.
Guaranty Iron & Wire Co., 2847 W Lake, Chicago, Ill.
Halback C. E. Co., 189-91-93 Hanker, Brooklyn, N. Y.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Hassell Iron Works Co., Colorado Springs, Colo.
Hastings Foundry & Iron Works, Hastings, Neb.
Hay Foundry & Iron Works, Plum Point la, Newark, N. J.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hedden Iron Construction Co., Lyons Farms, Newark, N. J.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Heughes F. L. & Co., Rochester, N. Y.
Holmes, Pyott & Co., 159 N Jefferson, Chicago, Ill.
International Steel & Iron Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Jackson Wm. H. Company, 2 W 47th, New York
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Loewer-John E. Co., Wire & Iron Works, 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
McKinney Jas. & Son, Albany, N. Y.
Mack Iron & Wire Wks, Sandusky, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Midwest Iron Wks., Omaha, Nebr.
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Moss J. E. Iron Wks., Wheeling, W. Va.
Mugler's Iron Works, 903 E 135th, New York
Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Paxton & Vierling Iron Works, Omaha, Neb.



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Pettit Frank, 809 Master, Phila., Pa.
Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
Plocher Andrew Sons Co., Dayton, O.
Remppis W. F. Iron Wks., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald (Cast & Wrought Iron & Steel), Flushing av, Maspeth, N. Y.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Riser & Moulding Co., Thomas & Stewart av, Brooklyn, N. Y.
Roanoke Iron Works, Roanoke, Va.
Roanoke Iron & Bridge Wks. (Inc.), Roanoke, Va.
Rohns Albert & Co., 193 Cass, Detroit, Mich.
St. Louis Wire & Iron Co., St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scaar Frank & Co., 1042 W 11th, Chicago, Ill.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Scranton Iron & Steel Co., Scranton, Pa.
Smith A. L. Iron Wks., Dept. H, Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith & Caffery Co., Syracuse, N. Y.
Smyser, Royer Co., York, Pa.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Standard Architectural Iron Works, 2300 Bloomingdale av, Chicago, Ill.
Standard Iron & Wire Works, Chattanooga, Tenn.
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Syracuse Architectural Iron Works, Syracuse, N. Y.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Thompson Hervey, 233 B'way, New York
Tilk Frank Ornamental Iron Works Co., 211 W 19th, Kansas City, Mo.
TYLER W. S. Co., Cleveland, O.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
Union Iron Wks. Co., 212 12th, Washington, D. C.
United Iron Works, Inc., Kansas City, Mo.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vierling Steel Works, 23rd & Stewart av, Chicago, Ill.
Wells Architectural Iron Co., River av & 51st, New York
Western Architectural Iron Co., 211 W Schiller, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kansas
West Side Structural Co., Troy, N. Y.
Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.
Winslow Bros Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, Milwaukee, Wis

6708—Iron Stair Builders (Combination Steel Concrete Interior

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

6709— Iron (Staybolt)

Bethlehem Steel Co. ("Bethlehem"), South Bethlehem, Pa.
Carter Iron Co. ("The Carter," "Special"), 307 5th av, Pittsburgh, Pa
Delaware Seamless Tube Co. (Hollow Staybolt Stock), Auburn, Pa.
Ewald Iron Co. ("Tennessee," Charcoal Bloom & "E.-I.-E. Charcoal), Louisville, Ky.
Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Made from Double Refined Charcoal Iron & Steel), Cuyahoga Falls, O.
Ft. Wayne Iron & Steel Rolling Mills, West Taylor, Ft. Wayne, Ind.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Hughes & Patterson ("H. & P."), 800 Richmond, Phila., Pa.
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Lockhart Iron & Steel Co., McKees Rocks, Pa.

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Fort Wayne Iron Steel Rolling Mills

West Taylor St., Fort Wayne, Ind.

Logan Iron & Steel Co., St. Girard bldg, Phila., Pa.
Ohio Falls Iron Co., New Albany, Ind.
OLD DOMINION IRON & STEEL CORP., ("Extra"), Belle Isle, Richmond, Va.
See adv index at end of book
Pittsburgh Forge & Iron Co. ("Atlas"), Chamber of Commerce bldg, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., Youngstown, Ohio
See Branch Offices Alphabetical Section
Rockaway Rolling Mill, Rockaway, N. J.
Rome Iron Mills, Inc. (Hollow), 30 Church, New York
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Ulster Iron Works ("Ulster," Special), Dover, N. J.
Union Rolling Mill Co., Aetna rd & E 82d, Cleveland, O.

6709a— Iron Sulphate

See also Copperas

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fergusson, Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Indiana Steel & Wire Co. (Copperas), Muncie, Ind.

Iron Summer Houses

See Summer Houses or Arbors

Iron (Swedish)

See Iron & Steel, Swedish

6710— Iron (Tagger's)

Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Taylor N. & G. Co., 300 Chestnut, Phila., Pa.

Old Dominion

"EXTRA"

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ELECTRIC STEEL BARS

REFINED BAR IRON HORSE and MULE SHOES

OLD DOMINION IRON & STEEL CORP., RICHMOND, VA.

Iron (Tee)

See Steel Structural Mills

6711— Iron (Trunk)

Weirton Steel Co., Weirton, W. Va.

Iron & Steel Angles, Channels, Tees, Etc.

See Steel Structural Mills. Structural Iron & Steel of all Kinds are Classified Under this Heading. See Matter Following Each Firm's Name

6711a— *Iron & Steel

Blancke A. C. & Co., 602 S Lake, Chicago, Ill.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O. *See adv index at end of book*

6712—Iron & Steel (Band & Hoop)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Altoona Iron Co. (Iron Only), Altoona, Pa.
American Car & Foundry Co. (Band Iron Only), Syndicate Trust bldg, St. Louis, Mo.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
American Tube & Stamping Co. (Hot & Cold Boiler Steel Hoops & Bands), Bridgeport, Conn.
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Baker, Hamilton & Pacific Co., 7th & Townsend, San Francisco, Cal. Works: Portland, Ore.
Blancke A. L. Co., 116 So. Michigan av, Chicago, Ill. *See adv index at end of book*
Booth J. B. & Co., 216 E Robinson, Pittsburgh, Pa.
Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Castle A. M. & Co. of Washington (Dlrs), 32-34H Conn., Seattle, Wash.
Colorado Fuel & Iron Co., Denver, Colo.
Connors Steel Co. (Steel Hoops Only), Birmingham, Ala.
De Haven Mfg. Co. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.
Douglass J. E. (Perforated Iron), 180 N Dearborn, Chicago, Ill.
Empire Rolling Mill Co., Bessemer & C. & P. Ry, Cleveland, O.
Farist Steel Co., Bridgeport, Conn.
Fort Wayne Iron & Steel Rolling Mills, W Taylor, Ft. Wayne, Ind.
See adv index at end of book
Froment & Co., 150 Bank, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
General Cooperage & Timber Co., Whitney-Central bldg, New Orleans, Pa.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Hughes & Patterson (Iron Only), 800 Richmond, Phila, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Steel Co. (Steel Bands), 208 S La Salle, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Jones & Laughlin Steel Co. (Steel Only), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Lockhart Iron & Steel Co. ("Vulcan" Band Iron), McKees Rocks, Pa.
Ohio Falls Iron Co. (Light & Heavy Bands Only), New Albany, Ind.
OLD DOMINION IRON & STEEL CORP., (Band Iron Only), Belle Isle, Richmond, Va. *See adv index at end of book.*
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Peck Iron & Steel Wks. (Bands Only, Kalamazoo, Mich.
Pittsburgh Steel Co. (Steel Only), 5th av & Grant, Pittsburgh, Pa.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
Republic Iron & Steel Co., Youngstown, Ohio
See Branch Offices Alphabetical Section
Robertson W. F. Steel & Iron Co., Elm & Commerce, Cincinnati, O.
Rome Merchant Iron Mill (Iron), Rome, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Scott, Sugden & Lamont, Monadnock Bldg., San Francisco, Cal.
Sharon Steel Hoop Co. (Steel Bands & Hoops, Galvanized, Pickled, etc), Sharon, Pa.
St. Louis Screw Co. (Iron), Clarence & Bulwer avs, St. Louis, Mo.
Soule Edw. L. Co. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Veihardt Steel & Metal Corp., 15 Park row, New York
West Leechburg Steel Co. (Pickled & Annealed, Open Hearth Steel), Farmers Bank bldg, Pittsburgh, Pa.; Works: Leechburg, Pa.
Wire & Steel Products Co. Inc., 421 E 22nd, New York *See adv index at end of book*
Youngstown Sheet & Tube Co., Youngstown, O.

Iron & Steel Bar

See Iron Bar Mills; also Steel Bar Mills

6713—Iron & Steel Boiler & Tank Plate

Allegheny Steel Co. (Open Hearth Steel Sheared Plates), Oliver bldg, Pittsburgh, Pa.
Andrews Steel Co. (Steel Tank Plate Only), Newport, Ky.
Brier Hill Steel Co., Youngstown, O.
Carbon Steel Co. (Steel Only), foot 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.
Castle A. M. & Co. of Washington (Dlrs.), 32-34H Conn., Seattle, Wash.
Central Iron & Steel Co., Harrisburg, Pa.
CHICAGO BRIDGE & IRON WORKS (Boiler), 2105 Old Colony bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Steel Co., Kirby bldg, Cleveland, Ohio
Crucible Steel Co. of America (Crucible & Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.
Falcon Steel Co., Niles, Ohio
Farist Steel Co., Bridgeport, Conn.
FISHEL & MARKS CO., Ft. of Krakow av, Cleveland, Ohio
See adv index at end of book
Froment & Co., 150 Bank, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Glasgow Iron Co., Pottstown, Pa.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Illinois Steel Co. (Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
INLAND STEEL CO. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.
Iron Trade Products Co. (Steel Boiler Plates), Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Open Hearth Steel), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
La Belle Iron Works (Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel Boiler, Bridge & Tank Plate), Buffalo, N. Y.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
National Sales & Trading Co., Cleveland, Ohio
Otis Steel Co. (Open Hearth Sheared Steel Plates, 1-4 inch & Heaier & up to 140 inches wide), Leather-News bldg, Cleveland, O.
Phillips F. R. & Sons Co., N W Cor 15th & Chestnut, Philadelphia, Pa.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
Republic Iron & Steel Co. (Steel), Youngstown, O.
For branch offices see Alphabetical Section
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Sanitary Co. (Boiler Plate), Dept. H, Linfield, Pa.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Tennessee Coal, Iron & Railroad Co. (Steel Only), Birmingham, Ala.
Veithardt Steel & Metal Corp., 15 Park row, New York
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.
Wood Alan Iron & Steel Co. ("A. W." Basic Open Hearth Steel, etc), Widener bldg, Phila., Pa.

6714—Iron & Steel (Corrugated, Mfrs.)

Firms marked thus (*) Roll their own Sheets
See also Roofing & Siding, Iron & Steel
Allegheny Steel Co. ("Allegheny" Iron Only), Oliver bldg Pittsburgh, Pa.
***American Rolling Mill Co., Middletown, Ohio**
Am. Sheet & Tin Plate Co. (Black Painted & Galvanized Steel Only), H. Frick bldg, Pittsburgh, Pa.
***Apollo Steel Co., Apollo, Pa.**
Aspromet Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
***Berger Mfg. Co. ("Multiplex"), Canton, O.**
Berger Mfg. Co. of Calif., 1120 Mission, San Francisco, Cal.
Brier Hill Steel Co. (Open Hearth Steel), Youngstown, O.
Canton Art Metal Co., Canton, O.
***Carter Iron Co. (Iron Only), 307 5th av, Pittsburgh, Pa.**
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Falcon Steel Co., Niles, Ohio
Fisher C. W., 52H B'way, New York
Friedley-Voshardt Co., Inc., 733 S Halstead, Chicago, Ill.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Griffiths Charcoal Iron Mills (Charcoal Iron Sheets), Washington, Pa.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.

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BAR STEEL
SHEET STEEL
PLATES
ANGLES
CHANNELS

BEAMS
GAGGER RODS
CORE RODS
REINFORCING BARS
STRIP STEEL

RAILS
TRACK BOLTS
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TIE PLATES
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IRON & STEEL (CORRUGATED MFRS.) —continued
*Inland Steel Co. (Open Hearth Steel Sheet Only), First Nat'l Bk bldg, Chicago, Ill.
Kanneberg Roofing & Ceiling Co., Canton, O.
La Belle Iron Works (Steel), Steubenville, O.
LARKIN J. K. & CO. (Sheets), 253 B'way, New York *See adv index at end of book*
McCullough Iron Co., Equitable bldg, Wilmington, Del.
Martin Metal Mfg. Co., Wichita, Kans.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Moeschl-Edwards Corrugating Co. Covington, Ky.
Milwaukee Corrugating Co., Milwaukee, Wis.
N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J. *See adv index at end of book*
Newport Culvert Co., Newport, Ky.
Niles Corrugating Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Otis Steel Co., Leader News bldg, Cleveland, Ohio
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Penn Metal Ceiling & Roofing Co., Ltd., 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Reeves Mfg. Co., Dover, O.
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
*Seneca Iron & Steel Co. (Steel Only), Buffalo, N. Y.
Sharon Steel Hoop Co., Sharon, Pa.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Steel Roofing & Stamping Works, Des Moines, Ia.
Sykes Metal Lath & Roofing Co., Niles, O.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co. (Sheet Steel), Wheeling, W. Va.
*Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
*Wood J. & Bros. Co., Inc., Conshohocken, Pa.
YOUNGSTOWN PRESSED STEEL CO., (Sheets, Plain & Curved), Warren, O. *See adv index at end of book*

6715—Iron & Steel Sheet (Black & Galvanized)

Allegheny Steel Co. (Black Open-Hearth Sheet Steel for Electric Work, Special Cold Rolled Stamping Steel for Deep Drawing, Nickel Plating, etc), Oliver bldg, Pittsburgh, Pa.
American Rolling Mill Co. (Open Hearth Steel Sheets Black & Galvanized; also Corrugated), Middletown, O.
Am. Sheet & Tin Plate Co. ("Apollo" Galvanized Steel for Culverts, Bessemer & Open Hearth Steel Sheets, Black & Galvanized), H Frick bldg, Pittsburgh, Pa.
Apollo Steel Co. (Galvanized Only) Apollo, Pa.
Berger Mfg. Co. (Steel), Canton, O.
Brier Hill Steel Co. (Open Hearth Sheet Steel, 10 to 30 Gauge), Youngstown, O.
Canonsburg Steel & Iron Works (Black Iron & Steel Sheets for Stamping, Enameling, Deep Drawing, Tinning, Galvanized, etc), Canonsburg Pa.
Canton Sheet Steel Co. ("Winir," Annealed Black & Galvanized), Canton, Ohio
Carter Iron Co. (Black Iron Chemical Sheets; also Roofing Sheets), 307 5th av, Pittsburgh, Pa.
Castle A. M. & Co. of Washington (Dlrs.), 32-34H Conn., Seattle, Wash.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
COMMERCIAL SHEARING & STAMPING CO. (THE) (Warehouse), Youngstown, O. *See adv index at end of book*
Donnelly & Co., 319H Vine, Phila., Pa.
Edwards Mfg. Co., Cincinnati, O. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher C. W., 52H Broadway, New York
Follansbee Bros. Co. (Iron & Open Hearth Black & Galvanized Steel Sheets "H O H"), 3rd & Liberty, Pittsburgh, Pa.
Frasse Peter A. & Co., Inc., 417 Canal, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Garry Iron & Steel Mfg. Co. of N. Y. (Black & Galvanized), 819 Lincoln pl, B'klyn, N. Y.
Globe Iron Roofing & Corrugating Co. (Black Iron), Dept. H, Newport, Ky.
Great Lakes Steel Products Co., Inc., 431 S. Dearborn, Chicago, Ill.
Griffiths Charcoal Iron Mills (Black & Galvanized Charcoal Iron Sheets), Pa.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Illingworth Jno. Steel Co. (Hammered & Rolled Steel Sheets for Tools, Saws, Knives, Files, etc.), Tacony & Lewis, Phila., Pa.
INLAND STEEL CO. ("Vismera" & Open Hearth Steel), 1st Nat'l Bank bldg, Chicago, Ill.
Independent Steel Corp., 111 Broad, New York
Jessop Wm. & Sons, Inc. ("Jesop's" Best Black Sheet Steel. Do not mfr Iron Sheets), 91 John, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Tin Mill Size), Ross, Pittsburgh, Pa.
La Belle Iron Works (Open Hearth Steel Sheets), Steubenville, O.
LARKIN J. K. & CO. 253 Broadway, New York. *See adv index at end of book*
McCullough Iron Co. (Black & Galvanized Steel Sheet), Equitable bldg, Wilmington, Del.
Mansfield Sheet & Tin Plate Co. (The), Mansfield, Ohio
Massillon Rolling Mill Co. (Bessemer & Open Hearth Steel Sheets), Massillon, Ohio
Merchant & Evans, Washington av & 21st, Phila., Pa.
Morse & Son Co. (Seconds), 1881 E 87th, Cleveland, O.
Nat'l Enameling Stamping Co., 411 5th av, New York
Newton Steel Co. (Black Sheets Only), Youngstown, Ohio
Newport Rolling Mill Co. (Genuine Open Hearth Iron, Black & Galvanized Rust Resisting Iron & Sheets), Newport, Ky.
Ohio Corrugating Co., Warren, O.
Otis Steel Co., Leader News bldg, Cleveland, Ohio
Parkersburg Iron & Steel Co. (Fine Black Iron & Steel Sheets), Parkersburg, W. Va.
Phillips F. R. & Sons Co., N. W. Cor. 15th & Chestnut, Phila., Pa.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
Republic Iron & Steel Co. (Bessemer & Open Hearth, Steel & Wrought Iron), Niles Wks., Niles, O.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Ryerson Jos. T. & Son, 910 Corn Exch. bldg & 16th & Rockwell, Chicago, Ill. *See adv index at end of book*
SANGER A. C. & Son (Dealers), National City bldg, Cleveland, O.
Seneca Iron & Steel Co. (Black and Pickled Bessemer Open Hearth Sheet Steel, 10 to 30 gauge, up to 42 wide and up to 12 ft in length), Buffalo, N. Y.
Sheet Metal Mfg. Co., West Federal, Youngstown, O.
Soule Edw. L. Co. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Stark Rolling Mill Co. (Open Hearth Steel & Toncan Metal, Black & Galvanized), Canton, O.
Toledo Iron & Supply Co. (The) (Jobbers), 651 Spencer, Toledo, O.
Trumbull Steel Co., Warren, O.
Universal Rolling Mill Co. (Bessemer & Open Hearth Steel Shovel, Nail & Tack Plate), Bridgeville, Pa.
Van Brunt J. A. & Co., Inc., 114 John, New York
Veithardt Steel & Metal Corp. (Plain & Corrugated), 15 Park row, New York
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York *See adv index at end of book*
Weirton Steel Co. (Steel Sheets for Stamped Ware, Stove Pipe & Enameling & Galvanizing Stock), Weirton, W. Va.
Weirton Steel Co., Weirton, W. Va.
West Penn Steel Co. (All Grades of Basic Open Hearth Steel Sheets), Brackenridge, Pa.
Wetherell Bros. Co. (Black Sheets, One Pass), Eastern Rolling Mills Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*
Wheeling Steel & Iron Co. (Bessemer Steel. Black Sheets), Wheeling, W. Va.
Whitaker-Glessner Co. (Open Hearth Steel Box Annealed Black Sheets. Blue Annealed Sheets), Wheeling, W. Va.
Wood Alan Iron & Steel Co. ("A.W." Refined Iron & Basic Open Hearth Steel, Black & Galvanized), Widener bldg., Phila., Pa.
Wood J. & Bros. Co. Inc. (Sheet & Corrugated Iron & Blue Annealed Sheets), Conshohocken, Pa.
Wyoming Shovel Works (Crucible & Open Hearth Steel Sheets & Light Plates), Wyoming, Pa.
Youngstown Sheet & Tube Co. (Common & Double Refined Puddled Iron Sheets, Black & Galvanized Steel Sheets, Roofing, etc., "Youngstown Copperoid" Steel), Youngstown, O.

6716—Iron & Steel Sheet (Electrical)

See also Iron & Steel Sheet, Black & Galvanized

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
American Rolling Mill Co. ("Armco" Open Hearth Steel Sheets, Special Electric Analysis), Middletown, Ohio
American Sheet & Tin Plate Co. (Soft Steel Sheets, Doubled Annealed & Cold Rolled & Annealed Finishes), Frick bldg, Pittsburgh, Pa.
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Crowley John A. Co., 120 Liberty, New York
Falcon Steel Co., Niles, Ohio
Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Massillon Rolling Mill Co., Massillon, O.
Republic Iron & Steel Co. (Open Hearth Steel), Niles Wks, Niles, O.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago Ill. *See adv index at end of book*
Trumbull Steel Co. Warren, O.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West New York *See adv index at end of book*
West Penn Steel Co. (Steel Only), Brackenridge, Pa.
Whitaker-Glessner Co. (Electrical Sheet Steel), Wheeling, W. Va.
Wood J. & Bros. Co., Inc. (B Annealed), Conshohocken, Pa.

Iron & Steel Sheet (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

6717— Iron & Steel Skelp

(This List contains only those Firms who Manufacture Skelp for Sale)

Allegheny Steel Co. (Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Blandon Rolling Mill (Iron Only), Blandon, Pa.
Brooke E. & G. Iron Co. (Iron Skelp), Birdsboro, Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Glasgow Iron Co. (Iron Only), Pottstown, Pa.
HARRISBURG PIPE & PIPE BENDING CO. (Steel Boiler Tube Skelp), Herr, nr. 10th, Harrisburg, Pa.
LaBelle Iron Works (Steel Only), Steubenville, O.
Logan Iron & Steel Co. (Socket Iron, etc), St. Girard bldg., Phila., Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Reeves Mfg. Co. (Charcoal Iron), Dover, O.
Republic Iron & Steel Co., Youngstown, O. *See Branch Offices Alphabetical Section*
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Spang Chalfant & Co. (Pipe Iron), Union Bank bldg, Pittsburgh, Pa.
Wheeling Steel & Iron Co. (Grooved Skelp Steel, etc), Wheeling, W. Va.
Wood J. & Bros. Co. (Fine Iron), Conshohocken, Pa.
Youngstown Sheet & Tube Co. (Wrought Iron & Bessemer & Open Hearth Steel Skelp), Youngstown, O.

6718—Iron & Steel (Swedish & Norway)

Bacon & Co. (Norway & Swedish Iron), 107 Oliver, Boston, Mass.
Dodge Haley Co., 218 High, Boston, Mass.
Duke Steel Co., Inc., 191 Pearl, New York *See adv index at end of book*
Federal Tool & Alloy Steel Corp. (Tool & Drill Steel, American & Swedish; Swedish & Norway Iron), 233 Broadway New York
Froment & Co., 150 Bank, New York
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Houghton & Richards, 145 Oliver, Boston, Mass.
Illingworth John Steel Co., Tacony & Lewis, Phila., Pa.
Lundberg Gustaf, Board of Trade bldg, Boston, Mass.
Milne A. & Co. (Norway Iron & Steel), 741 Washington, New York
Morris E. K. & Co. (Jobbers Norway Iron), 317 W 2nd, Cincinnati, O.
Class L. Co., 132 Pearl, New York
Potts Horace T. & Co. (Of all Kinds), 313 N 3d, Phila., Pa.
Todd Jno. H. L. (Swedish), 50 Broad, New York
Wheelock Lovejoy & Co. (Imp.), 140 Nassau, New York

6718a— Iron Sulphide

General Chemical Co., 25 Broad, New York
Penn Salt Mfg. Co., Widener bldg, Phila., Pa.

6719—Irons (Awning Frame)

Meeker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

6720— Irons (Beck)

Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

Irons (Branding)

See Burning Brands

6721— Irons (Break)

Lanz M. Bolt Co. 2907H Carson, Pittsburgh, Pa.

6722— Irons (Breast Collar)

Frazer & Jones Co., Syracuse, N. Y.

6723— Irons (Burling)

Bullock Mfg. Associates, Springfield, Mass.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.
Stortz John & Son, 210 Vine, Phila., Pa.

6724— Irons (Cable)

Nagel W. G. Electric Co., Toledo, O.

Irons (Calking)

See Tools, Calking

6725— Irons (Car Ladder)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

6726— Irons (Chafe or Rub)

Brady Electric Mfg. Co. ("Brady's" Brass & Bronze Bearing Roller), New Britain, Conn.
Cately & Ettling (Roller Chafe), Cortland, N. Y.
Chase Parker & Co., 81 Pearl, Boston, Mass.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
National Roller Chafe Iron Co., West Medway, Mass.

6727— Irons (Chair)

Globe Co., Sheboygan, Wis.
Jenkins Machine Co., Sheboygan, Wis.

6728— Irons (Clamp)

Stearns E. C. & Co. (Also Door Frame Iron), 450 Oneida, Syracuse, N. Y.

6729— Irons (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6730— Irons (Curling)

American Elec'l Heater Co., Detroit, Mich.
Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.
Houchin Thos. W. Co., 36 E 12th, New York
Landers, Frary & Clark (Electric), New Britain, Conn
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Nicol & Co. ("Grace Darling"), 218 N Jefferson, Chicago, Ill.
Pelouze Mfg. Co. (Electric), 232 E Ohio, Chicago, Ill.
Russell Elect. Co. ("Hold-Heet" Electric Marcel Waver), 140 W. Austin, Chicago, Ill.
Slaughter Wm. E. Co., 1716 S. Michigan av, Chicago, Ill.
Vulcan Electric Heating Co. ("Vulcan," Self-Heating Electric), 107 W 13th, New York
Westinghouse Elec & Mfg. Co., East Pittsburgh, Pa. *See adv index at end of book*

6731— Irons (Dog)

A. & J. Mfg. Co., Gadsden, Ala.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bethlehem Steel Co., So Bethlehem, Pa.
Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gray & Dudley Hardware Co., Nashville, Tenn.
Harriman Mfg. Co., Harriman, Tenn.
Harvey Arthur C. Co., Harvey Steel rd, Allston dist, Boston, Mass. *See adv index at end of book*
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
King Stove & Range Co., Sheffield, Ala.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Price-Evans Foundry Co., Chattanooga, Tenn.

6732—Irons (Gooseneck & Top Rest)

Ashtabula Bow Socket Co. (Small Drop Forged, Automobile, etc), Ashtabula, O.

6733— Irons (Grab)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

6734— Irons (Grappling)

Wilcox, Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*

6735—Irons (Hair Pinching)

Nicol & Co. ("Cape May"), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

6735a— Irons (Hawsing)

Drew, C., & Co., Kingston, Mass.
Marine Hdwe. Equipment Co., So. Portland, Me.
New York Mallet & Handle Wks., 743 E 11th, New York

6736—Irons (Lead Pipe Bending)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Plomb Tool Mfg. Co., 2209 Sante Fe av Angeles, Cal.

6737—Irons (Neck Yoke, Single & Whiffletree)

Collins, Hilton Co., Louisville, Ky.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Harvey Spring & Forging Co., Racine, Wis.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Ransome Concrete Machinery Co., Dunellen, N. J.
Wrought Washer Mfg. Co. (Steel), Milwaukee, Wis.

6738—Irons (Painters' Scaffold)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6739— Irons (Pinking)

Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

6740— Irons (Plane)

Buck Bros. (Cut Double & Plane), Millbury, Mass.
Chapin-Stephens Co., Pine Meadow, Conn.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Union Mfg. Co., 300 Church st & R. R. crossing, New Britain, Conn. *See adv index at end of book*
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Irons (Polishing)

See Sad Irons

6741— Irons (Porch Post)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Grey Iron Casting Co., Mt. Joy, Pa.
Kramer Bros. Foundry Co., Dayton, O.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Susquehanna Casting Co., Wrightsville, Pa.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

6741a— *Irons (Reaming)

Marine Hdwe. Equipment Co., So. Portland, Me.

6742— Irons (Rig)

Chrisman Foundry Co., Morgantown, W. Va.
Gowanda Agricultural Works, Gowanda, N. Y.
Kansas City Bolt & Nut Co. (Bolts & Nuts), Kansas City, Mo.
Parkersburg Rig & Reel Co., Parkersburg, W. Va.

6743— Irons (Rub)

Defiance Machine Works ("Dickman"), Defiance, O.
Harvey Spring & Forging Co., Racine, Wis.
Stowell Co. The, So Milwaukee, Wis.

6744— Irons (Sash Cord)

Allen & Son Co. ("Bulldog"), Hartford, Conn.
Conn. Cord Iron Corp., Norwich, Conn.
Jencks H. F. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Sawyer Belt Hook Co., Pawtucket, R. I. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6745— Irons (Stake)

Badger Malleable & Mfg. Co., South Milwaukee, Wis.
Morse-Rogers Steel Co. (Seconds), H Guardian bldg, Cleveland, O.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Stowell Co. The (Malleable Steel), So Milwaukee, Wis.

6746— Irons (Stanchion)

Adams Co., Dubuque, Ia.
American Standard Shipfitting Corp., 115 B'way, New York *See adv index at end of book*
Cheney S. & Son, Manlius, N. Y.
James Mfg. Co., Ft. Atkinson, Wis.
Klauer Mfg. Co. Dubuque, Ia.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Swift Stanley C. Mfg. Co., Cuba, N. Y.

6747— Irons (Storm Stoop)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6748— Irons (Timbale)

Wrightsville Hardware Co., Wrightsville, Pa.

6749— Irons (Tire)

See also Tools, Automobile

Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Mossberg Frank Co. (For Motorcycles), Attleboro, Mass.
Osborne S. & Co. (Pry Bar), Box 183, Newark, N. J. *See adv index at end of book*

6750— Irons (Top)

Amesbury Brass & Foundry Co. (Slats), Amesbury, Mass.
Anderson Forge & Machine Co., Detroit, Mich.
Ashtabula Bow Socket Co. (Goosenecks & Bow Rest Irons), Ashtabula, O.
Brewer-Tichener Corp. ("Ajax" Shifting Rails), Cortland, N. Y.
Cowles C. & Co. ("New York" & "Phila." Slat Irons), New Haven, Conn.
Detroit Forging Co. (Shafting Rails), 120 Mt. Elliot av, Detroit, Mich.
General Drop Forge Co., Buffalo, N. Y.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Newton W. H. & Son (Gooseneck Irons), Cortland, N. Y.
Scherer H. & Co., 280 E Jefferson, Detroit, Mich.
Springfield Auto Top & Upholstering Co. (Slat Irons), Springfield, Mass.
Woodruff Walter W. & Sons Co. (Slat Irons), Mt. Carmel, Conn.

6751— Irons (Tuyere)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Barcus Mfg. Co., Wabash, Ind.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Whirlwind," Blast Anti-Clinker), Lancaster, Pa.
Climax Fire Brick Co. (Bessemer), Climax, Clarion Co., Pa.
Foote J. B. Foundry Co., Fredericktown, Ohio
Grace C. M. & Co., Huntsville, Ala.
Illinois Iron & Bolt Co. ("Norton," "Warren," "Clark," "Duck Nest"), Carpentersville, Ill.
Roots P. H. & F. M. Co., Connersville, Ind.
South Bend Foundry Co., South Bend, Ind.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Stanley Geo. W. Co., Belleville, Ill.
Towers & Sullivan Mfg. Co., Rome, Ga.
Wrightsville Hardware Co. ("L. S. I. Co."), Wrightsville, Pa.

6752— Irons (Waffle)

Andresen Hardware Co. ("Hart Shape"), 724 S 6th, Minneapolis, Minn.
Birmingham Stove & Range Co. (Roller, Cast Iron), Birmingham, Ala.
Crane Wm. M. Co. ("Vulcan Gas"), 16 W 32d, New York
Fanner Mfg. Co. (Wire or Wood Handle), Cleveland, O.
Favorite Stove & Range Co., Piqua, Ohio
Griswold Mfg. Co. ("Greswold-American"), Erie, Pa.
Indiana Hollow Ware Co. ("New Era," also Revolving), Jeffersonville, Ind.
New England Novelty Works, Hill, N. H.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Reading Hardware Co., Reading, Pa.
Stover Mfg. & Engine Co., Freeport, Ill.
Stuart & Peterson Co., Burlington, N. J.
Van John Range Co., 5th & Broadway, Cincinnati, O.
Wagner Mfg. Co., Sidney, O.
Wrightville Hardware Co., Wrightville, Pa.



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6753—*Irons (Wagon Dump)

LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*

6754— Irons (Wagon Stake)

Noll Bros. (Pressed Steel), **849 Allis,** Milwaukee, Wis.

6755— Irons (Wall)

Bethlehem Steel Co., So Bethlehem, Pa.

6756-7—Irons & Braces (Corner)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
American Shovel & Stamping Co., Lorain, O.
Auer, John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bossert Corp., Cor. Linden & West av, Utica, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Extension), 2nd & Somerset, Phila., Pa.
Chicago Hardware Foundry Co. (Cast Iron), North Chicago, Ill.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze), St. Louis, Mo.
Hardware Supply Co., Grand Rapids, Mich.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Merwin Mfg. Co. (Pressed Steel), Erie, Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn. *See adv index at end of book*
Stowell Co. The, So Milwaukee, Wis.
Western Steel Car & Foundry Co., 722 S Michigan, Chicago, Ill.
Wrought Washer Mfg. Co., Milwaukee, Wis.

Irrigating Strainers

See Strainers, Irrigating

6758— Isinglass

American Glue Co. ("Cape Ann"), 121 Beverly, Boston, Mass.
Atlantic Isinglass Co., Boston, Mass.
Gloucester Isinglass & Glue Co., Gloucester, Mass.
Howe & French Isinglass Co. ("Ripley"), State, Boston, Mass.
Reisig Chas. H., Imp., 269 Water, New York
Rockport Isinglass Co., Rockport, Mass.

6759— Ivory Black

Binney & Smith Co., 81 Fulton, New York
Doggett, Stanley (Imp), 11 Cliff, New York
Osborn C. J. Co., 132 Nassau, New York
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Elting, 99 Nassau, New York
Smith J. Lee Co., 19 Jacob, New York
Uhlich Paul & Co., 11 Cliff, New York

6760— Ivory Goods

Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York
Kuehl Clock Co. (French), 125H N Wabash av, Chicago, Ill.
Tower Sylvester Co., Cambridge, Mass.

6761— Ivory Importers

Arnold Cheney & Co., 82 Beaver, New York
Childs Parr & Joseph (Imp), 60 Wall, New York
Kaldenberg Trading Co., 433 Broome, New York
Landsberg Hugo Co., 260 W B'way, New York
Miltenberg Emil, 563 B'way, New York

6761a— Ivory Substitutes

Du Pont E. I. de Nemours & Co., Inc. Pyralin Div. (Tortoise Shell, Pearl, Amber, Imitation Wood), Wilmington, Del. *See adv index at end of book*

6762— Jack-Stones

Grey Iron Casting Co., Mt. Joy, Pa.
Wrightsville Hardware Co., Wrightsville Pa.

6763— Jack-Straps

Aschenbach Henry Saddlery Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke, R. H. Co., 1250 Fullerton, Chicago, Ill.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Klein Mathias & Sons, 3200 Belmont, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.

6764— Jackets (Furnace)

Columbiana Boiler Co., Columbiana, O.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Weimer Machine Works Co., Lebanon, Pa.

6765— Jackets (Milk Can)

Oakes & Burger Co. (Felt), Cattaraugus, N. Y.

6766— Jackets (Smelting)

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

6767—Jackets (Water, for Smelting Plants)

Dover Boiler Works, Sales Office; 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Penn Seaboard Steel Co. Franklin Bank bldg, Phila., Pa.
Traylor Engineering & Mfg. Co., Allentown Pa
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Jacks (Armature)

See Lifts, Motor, Car Pit

6768—*Jacks (Automatic Lowering)

DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
JOYCE-CRIDLAND CO. (THE), Dayton, Ohio *See adv index at end of book*
ROGERS H. A. CO., 87 Walker, New York *See adv index at end of book*

6769— Jacks (Automobile)

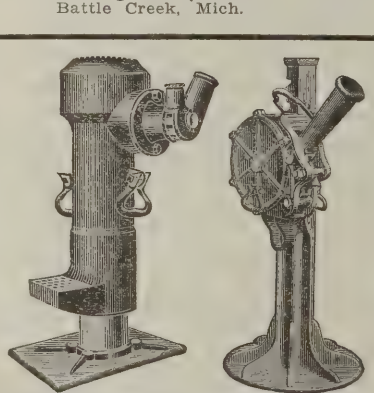
See also Jacks, Wagon; also Jacks, Various Kinds

Adell Mfg. Co. ("Adell"), Orange, Mass.
Alsteel Mfg. Co. ("Alsteel" Tire Saving), Battle Creek, Mich.



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Ashland Products Co., Ashland, O.
Barth Mfg. Co., Milwaukee, Wis.
Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Buckeye Jack Mfg. Co. ("Buckeye" Automatic, etc), Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cal-Stapley Mfg. Corp., West Haven, Conn.
Coe-Stapley Mfg. Co. ("Peteler"), West Haven, Conn.
Covert Mfg. Co. ("Covert's"), Troy, N. Y.
DUFF Mfg. Co., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Elite Mfg. Co. ("Reliable"), Ashland, O.
Gemco Mfg. Co. ("Gemco," Tire Saving), Milwaukee, Wis,
Iron City Products Co. ("Rees"), 7511 Thomas blvd, Pittsburgh, Pa.
Jiffy Jack Co., 10209 Quincy, Cleveland, Ohio
JOYCE-GRIDLAND CO. (THE), Dayton, O. *See adv index at end of book*
Lane Bros. Co. ("Lane's" "H-C"), Poughkeepsie, N. Y.
Maxon-Miller Jack Co., Huntington, W. Va.
Midwest Mfg. Co. ("Red Devil Dolly"), McKnight bldg, Minneapolis, Minn.
Nat'l Jack Co., 2nd & Central, Cinnati, O.
National-Standard Co. ("Standard," "Kazoo," "Leader"), Box 211, Niles, Mich.
Oliver Mfg. Co. ("E-Z," "Peerless," "New Samson"), 326 S Desplaines, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill
Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa.
Republic Auto Parts Co., 81-10th, Long Island City, N. Y.
Rogers H. A. Co., 87 Walker, New York *See adv index at end of book*
Rowe Calk & Chain Co. ("Hi-Lo"), Plantsville, Conn.
Shawver Co. ("Springfield," on Wheels), Springfield, O.
Spencer's C. S. Sons, Inc. ("Acme"), Guilford, Conn.
Templeton Kenly & Co., Ltd. ("Simplex"), 1020 S. Central av, Chicago, Ill.
Vanderpool Wm., Springfield, O.
Walker Mfg. Co. (Ratchet & Screw, & Combination Ratchet & Screw), Racine, Wis.
Weaver Mfg. Co. ("Weaver Auto-Twin," on Wheels), Springfield, Ill.

6769a— *Jacks (Ball Bearing)

Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill. *See adv index at end of book*
Mann F. W. Co. ("Kimball"), Milford, Mass.

6770— Jacks (Boot)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

6771— Jacks (Bridge)

Buckeye Jack Mfg. Co., Alliance, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Joyce-Gridland Co. (The), Dayton, Ohio *See adv index at end of book*
Maxon-Miller Jack Co., Huntington, W. Va.
National-Standard Co. ("Standard"), Box 211, Niles, Mich.
Norton A. O., Inc., 440 Brookline av, Boston, Mass.
Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa.
Rogers H. A. Co., 87 Walker, New York *See adv index at end of book*
Templeton Kenly & Co., Ltd. ("Simplex"), 1020 S. Central av, Chicago, Ill.

6772— Jacks (Cable Reel)

Anderson Forge & Machine Co., Detroit, Mich.
Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Hallett Iron Works ("Hallett"), Harvey, Ill.
Joyce-Gridland Co. (The), Dayton, Ohio *See adv index at end of book*
Kelly L. J. Mfg. Co., Albany, N. Y.
Norris Electric Specialties Co. ("Mullin"), 126 Liberty, New York
Templeton Kenly & Co., Ltd. ("Simplex"), 1020 S. Central av, Chicago, Ill.

6773— Jacks (Car)

Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exch bldg, Chicago, Ill.
Chapman Jack Co. ("Chapman") 45th & Lakeside av, Cleveland, O.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
JOYCE-CRIDLAND CO. (THE), Dayton, Ohio *See adv index at end of book*
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lovejoy Tool Works ("Lovejoy"), 319 W. Ohio, Chicago, Ill. *See adv index at end of book*
Maxon-Miller Jack Co. (Improved Maxon-Miller Lever), Huntington, W. Va.
National-Standard Co. ("Standard" Triple & Automatic Lowering), Box 211, Niles, Mich.
Norton A. O., Inc., 440 Brookline av, Boston, Mass.
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.
Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa. *See adv index at end of book*
ROGERS H. A. CO., 87 Walker, New York *See adv index at end of book*
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Templeton Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.

Jacks (Car Journal)

See Jacks, Car

Jacks (Car Pit)

See Lifts, Motor, Car Pit

Jacks (Car Replacing)

See Jacks, Car

Jacks (Carriage)

See Jacks, Wagon

6773a—*Jacks (Double Worm Gear Drive)

Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa. *See adv index at end of book*

6774—Jacks (Engine Centering)

McMaster-Carr Supply Co. ("Chicago," for Turning Engine off Centre), 174 N Market, Chicago, Ill.

6775— Jacks (Gas Pumping)

Masseth Packer & Machine Co., Butler, Pa.

Jacks (Geared)

See also Jacks, Ratchet

JOYCE-CRIDLAND CO. (THE) (Lever & Screw Automatic), Dayton, Ohio *See adv index at end of book*

6776— Jacks (Hatters')

Watson L. S. Mfg. Co., Leicester, Mass.

6777— Jacks (House-Raising)

American Skein & Foundry Co. ("A. S. & F. Co." Press Screws), Racine, Wis.
Buckeye Jack Mfg. Co., Alliance, O.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Elite Mfg. Co., Ashland, O.
Illinois Iron & Bolt Co. (Press Screws for House Raising), Carpentersville, Ill.
Joyce-Cridland Co. (The), Dayton, Ohio *See adv index at end of book*
McKiernan-Terry Drill Co. ("Atlas"), 17 Park row, New York City *See adv index at end of book*
Maxon-Miller Jack Co. (Improved "Maxon Miller" Lever), Huntington, W. Va.
Norton A. O., Inc., 440 Brookline av, Boston, Mass.
Rock Island Mfg. Co., Rock Island, Ill.
Rogers H. A. Co., 87 Walker, New York *See adv index at end of book*
Springfield Foundry Co., Springfield, Mass.
Swett A. L. Iron Works, Medina, N. Y.

6778— Jacks (Hydraulic)

Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
De Huff & Hopkins, 1421 Chestnut, Phila., Pa.
Dudgeon Richard ("Universal"), 24 Columbia, New York
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Henderer's A. L. Sons, Wilmington, Del.
Irving Mfg. & Tool Co. ("Tangye's," Imported, etc), 157 Chambers, New York
JOYCE-CRIDLAND CO. (THE), Dayton, Ohio *See adv index at end of book*
Justice Philip S. & Co. ("Reliance"), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Keystone Iron Works., 37th & Santa Fe av, Los Angeles, Cal.
McKIERNAN-TERRY DRILL CO. ("Doughboy"), 17 Park row, New York City. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

6779— Jacks (Ladder)

Bettcher Stamping & Mfg. Co. (The), (Painters), 6120 Clark av, S. W., Cleveland, O.
Krewson T. C., 801 Master, Phila., Pa.
Steel Scaffolding Co., Evansville, Ind.

6779a— *Jacks (Mine)

Buda Co., 80 E. Jackson blvd, Chicago, Ill.
Duff Mfg. Co., Preble av, Pittsburgh, Pa. *See adv index at end of book*
JOYCE-CRIDLAND CO. (THE), ("Joyce"), Dayton, Ohio *See adv index at end of book*
Templeton, Kenly & Co., Ltd., 1020 Central av, Chicago, Ill.

Jacks (Lifting)

See Jacks, Track, Lifting, etc

Jacks (Locomotive)

See Jacks, Screw, Locomotive, Bell Base, etc.

6780— Jacks (Oil Well)

Associated Well Supply Co., Inc., 111 Broad, New York *See adv index at end of book*
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.

JACKS (OIL WELL)—continued
Jones S. M. Co., Toledo, O.
Joyce-Cridland Co. (The), Dayton, Ohio
See adv index at end of book
Lucey Mfg. Corp., 233 B'way, New York.
For branch offices see Alphabetical Section
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
Norton A. O., Inc., 440 Brookline av, Boston, Mass.
Templeton Kenly & Co. ((Simplex") 1020 Central av, Chicago, Ill.

6781—Jacks (Oil Well Casing)

Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Masseth Packer & Machine, Co., Butler, Pa.

6782— Jacks (Pipe Forcing)

DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*

6783— *Jacks (Pit)

WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

6784-5—Jacks (Planer & Lathe)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N. Francisco av, Chicago, Ill.

Jacks (Pneumatic Pit)

See Lifts, Motor, Car Pit

6786— Jacks (Pulling)

Channon Jas. H. Mfg. Co. (Ratchet), 227 W Erie, Chicago, Ill.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Gracey, R. & Sons, 115 First av, Pittsburgh, Pa.
Joyce-Cridland Co. (The), (Pole and Emergency), Dayton, Ohio
See adv index at end of book
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.
Templeton, Kenly & Co., Ltd. ("Simplex" Pole), 1020 S Central av, Chicago, Ill.

6787— Jacks (Pumping)

See Also Well Drilling Machines

American Well Works (Geared), Aurora, Ill.
Appleton Mfg. Co., Batavia, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Baker Mfg. Co., Evansville, Wis.
Brunner Machy. Co., Peru, Ill.
Butler Co., Butler, Ind.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.
Chamberlain Machine Works ("Chamberlain"), Waterloo, Ia.
Charter Gas Engine Co. ("Sterling"), Sterling, Ill.
Chicago House Wrecking Co., of Minn. Inc., 803 Fillmore av, St. Paul, Minn.
Clark & Norton Mfg. Co., Wellsville, N. Y.
Crestline Mfg. Co., Crestline, O.
Cushman Motor Works, Lincoln, Neb.
Davis-Hansen Co., Oshkosh, Wis.
Dempster Mill Mfg. Co. ("Dempster"), Beatrice, Neb.
Douglas W. & B., Middletown, Conn.
Duplex Mfg. Co. ("Duplex"), Superior, Wis.
Emerson-Brantingham Co. ("E. B."), Rockford, Ill
Enterprise Iron Wks., Albert Lea, Minn.
Fairbanks, Morse & Co. ("Fairbanks Morse," "Handy," "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gilson Mfg. Co., Port Washington, Wis.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Joyce-Cridland Co., The, Dayton, Ohio
See adv index at end of book
Kansas City Engine Works ("Elliott"), Kansas City, Mo.
Lane Bros. Co., Poughkeepsie, N. Y.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
McDonald A. Y. Mfg. Co. Dubuque, Ia.
Marseilles Works of Deere & Co., East Moline, Ill.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Moore Plow & Implement Co., Greenville, Mich.
MYERS F. E. & BROS., 900 Fourth, Ashland, O. *See adv index at end of book*
New Way Motor Co., Lansing, Mich.
New Winona Mfg. Co., Winona, Minn.
Norris W. C. Tulsa, Okla.
Perkins Wind Mill Co., Mishawaka, Ind.
Peters Pump Co., Kewanee, Ill.
Plattner-Yale Mfg. Co., Lincoln, Neb.
Red Jacket Mfg. Co., Davenport, Ia.
Reeves Pulley Co., Columbus, Ind.
San Antonio Machine & Supply Co., San Antonio, Texas
Schmidt B. L. Co. ("Schmidt"), Davenport, Ia.
Spang & Co., Butler, Pa.
Sparta Iron Works Co. (Geared), Sparta, Wis.
Steiner M. & Co., Dayton, O.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Sun-Power Engine Co., Detroit, Mich.
Thompson Plow & Engine Works, Beloit, Wis.
Trahern Pump Co. ("Trahern"), Rockford, Ill.
Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Waterloo Gasoline Engine Co., Waterloo, Iowa

6788— Jacks (Punch)

Yost Mfg. Co. (All Cast Steel), Meadville, Pa.

6789— Jacks (Pushing)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Gracey, R. & Sons, 115 First av, Pittsburgh, Pa.
Joyce-Cridland Co., The, Dayton, Ohio
See adv index at end of book
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

Jacks (Railroad)

See Jacks, Car; also Jacks, Track

6790— Jacks (Ratchet)

American Skein & Foundry Co. (Bell Base & Tripod Ratchet Jack Screws), Racine, Wis.
Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exchange bldg, Chicago, Ill.
Channon, James H. Mfg. Co. ("Pearson"), 227H W. Erie, Chicago, Ill.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Gracey, R. & Sons, 115 First av, Pittsburgh, Pa.
Illinois Iron & Bolt Co. (Ratchet Jack Screws) Carpentersville Ill.
JOYCE-CRIDLAND CO., THE, Dayton, O. *See adv index at end of book*
Justice Philip S. & Co. (Ball Bearing Screw), 421 Chestnut, Philadelphia, Pa.
Kalamazoo Railway Supply Co. (Also Friction), Kalamazoo, Mich.
Lane Bros. Co., Poughkeepsie, N. Y.
Lovejoy Tool Works (Cone-Bearing for Car Inspectors), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.
National-Standard Co. ("Standard"), Box 211, Niles, Mich
Norton A. O., Inc., 440 Brookline av, Boston, Mass.
Pearson Jack Co. ("Pearson" Ratchet Journal), 185 Franklin, Boston, Mass.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Rock Island Manufacturing Co., Rock Island, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Templeton Kenly & Co., Ltd. ("Simplex"), 1020 S. Central av, Chicago, Ill.
Walker Mfg. Co., Racine, Wis.

Jacks (Reel)

See Jacks, Cable Reel

6791— Jacks (Robie)

Richie Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa.
Scott, Sugden & Lamont, Monadnock bldg., San Francisco, Cal.

6792—Jacks (Screw, Locomotive, Bell Base, Etc.)

American Skein & Foundry Co. ("A. S. & F. Co." Locomotive Jack Screws), Racine, Wis.
Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exchange bldg., Chicago, Ill.
Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
DUFF MFG. CO. (Ball Bearing), Preble av, Pittsburgh, Pa.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Illinois Iron & Bolt Co. ("I. I. & B. Co." Tee Top, Car Box, Bell Base Ratchet, Tripod Ratchet, Ratchet Carrying, Truck & Wagon, Pulling, Telescopic, etc), Carpentersville, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Janney & Co., Montgomery, Ala.
JOYCE-CRIDLAND CO. THE (Geared) Dayton, Ohio
See adv index at end of book
Justice Philip S. & Co. (Ball Bearing), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lovejoy Tool Works ("Ball's Telescopic & Cone-Bearing Ratchet Screw"), 319 W Ohio, Chicago, Ill.
See adv index at end of book
McKIERNAN-TERRY DRILL CO., 17 Park Row, New York
See adv index at end of book
McKinnon Iron Works Co. (Nick-I-Works Co.), Ashtabula, O.
McMaster-Carr Supply Co. ("Chicago," Engine Jack), 174 N Market, Chicago, Ill.
Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.
Millers Falls Co., 28 Warren, New York
Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.
New London Vise Works ("Peerless" Bell Bottom), New London, Conn.
Norton A. O. Inc. (Ball Bearing Ratchet, Srew & Locomotive), 440 Brookline av, Boston, Mass.
Oliver Mfg. Co. ("E-Z"), 326 S Desplaines, Chicago, Ill.

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Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Templeton, Kenly & Co. (('Simplex"), 1020 S. Central av, Chicago, Ill.
WATSON-STILLMAN CO., 38 Church, New York
See adv index at end of book

6792a— Jacks (Ship)

Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa.
Templeton, Kenly & Co., Ltd., 1020 S Central av, Chicago, Ill.

6793-4—Jacks (Stone, Log, Etc.)

Allis-Chalmers Mfg. Co. (Log), Milwaukee, Wis.
Brunner & Lay (Stone), 570 W Polk, Chicago, Ill.
Buckeye Jack Mfg. Co., Alliance, O.
Burnett Fdry. & Machine Works, Ltd., Petoskey, Mich.
Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Fair Haven Foundry & Machine Co., Inc., Fair Haven, Vt.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Irving Mfg. & Tool Co., 157 Chambers, New York
Joyce-Cridland Co., The, Dayton, Ohio
See adv index at end of book
Kelly L. J. Mfg. Co. ("Kelly's Albany"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lane Mfg. Co. (Log), Montpelier, Vt.
Lincoln Iron Works (Geared Lifting), Rutland, Vt.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill.
See adv index at end of book
Maxon-Miller Jack Co. ("Maxon" Lever), Huntington, W. Va.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co. (Iron Frame, etc), Wausau, Wis.
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.
Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Templeton, Kenly & Co. ("Simplex" Log), 1020 S Central av, Chicago, Ill.

6795—Jacks (Track, Lifting, Etc.)

American Skein & Foundry Co. (Locomotive, Car Box & Ratchet Jack Screws), Racine, Wis.
Barth Mfg. Co. ("Barth"), 350 Milwaukee, Milwaukee, Wis.
Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Burrows Walter R. ("Burrows" Ball Bearing), 80 Maiden la, New York
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.
Cooley-Wright Mfg. Co., Waterbury, Vt.
Crerar, Adams & Co. ("Jenne"), 259 E Erie, Chicago, Ill.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO. ("Barrett"), Preble av, Pittsburgh, Pa.
See adv index at end of book
Fair Haven Foundry & Machine Co., Inc. (Geared), Fair Haven, Vt.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Henderer's A. L. Sons, Wilmington, Del.
Hine-Watt Mfg. Co. ("Columbia"), 180 N Market, Chicago, Ill.
Hodgkins J. F. Co., Gardiner, Me.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Irving Mfg. & Tool Co. 157 Chambers, New York
Joyce-Cridland Co., The ("Joyce" Pattern), Dayton, Ohio
See adv index at end of book
Justice Philip S. & Co. (Sure Drop), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kelly L. J. Mfg. Co. ("Albany"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill
Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.
National-Standard Co. ("Standard," Trip & Automatic Lowering), Box 211, Niles, Mich.
New London Vise Works, New London, Conn.
Norton A. O. Inc. ("Sure Drop," Ball Bearing), 440 Brookline av, Boston, Mass.
Oliver Mfg. Co. ("Peerless," "Samson," "Oliver," "Weller" & "Klemm," "E Z"), 326 S Desplaines, Chicago, Ill.
Peerless Tool Co. ("Unitool"), 208 S La Salle, Chicago, Ill.
Pratt Wm. E. Mfg. Co. ("Acme"), 35 W Lake, Chicago, Ill.
Rees Mfg. Co., 7501 Thomas blvd, Pittsburgh, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
ROGERS H. A. CO., 87 Walker, New York
See adv index at end of book
Star Jack Co., Bloomfield, Ind.
Swett A. L. Iron Works, Medina, N. Y.
Templeton, Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.
Union Jack Co., Bloomfi,eld, Ind.
Verona Tool Works, Oakmont, Pa.
Victor Mfg. Co., Bloomfield, Ind.
Weaver Mfg. Co. ("Twin"), Springfield, Ill.

6796—Jacks (Traversing or Traveling)

Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., Preble av, Pittsburgh,
See adv index at end of book
Joyce-Cridland Co., The, Dayton, Ohio
See adv index at end of book
Norton A. O., Inc., 440 Brookline av, Boston, Mass.

6796a— *Jacks (Truck)

See also Jacks (automobile)
Joyce-Cridland Co. (The), Dayton, Ohio
See adv index at end of book

6797— Jacks (Universal)

BORGESON MFG. CO., INC. ("Borgeson" For Machine Tool"), 38 Monroe, Torrington, Conn.
See adv index at end of book
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*

6798— Jacks (Wagon)

See also Jacks, Automobile
American Skein & Foundry Co. ("A. S. & F. Co." Jack Screws), Racine, Wis.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ashland Products Co., Ashland, O.
Barth Mfg. Co. ("Barth"), Milwaukee, Wis.
Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Buch's A. Sons Co., Elizabethtown, Pa.
Buffum Tool Co. ("Reliable"), South Side Louisiana, Mo.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Covert Mfg. Co. ("Covert's"), Troy, N. Y.
Covert Saddlery Works ("Victor," "Daisy"), Interlaken, N. Y.
Cutaway Harrow Co., Higganum, Conn.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Elite Mfg. Co. ("Reliable"), Ashland, O.
Eureka Mower Co. (Steel & Malleable Iron), 16 Hickory, Utica, N. Y.
Fernald Mfg. Co. ("Victor"), North East, Pa.
Hughes & Smythe, Galena, O.
Illinois Iron & Bolt Co. (Jack Screws), Carpentersville, Ill.
Joy Samuel S. ("New Idea"), Rockingham, N. H.
Joyce-Cridland Co., The, Dayton, Ohio
See adv index at end of book
Kelly L. J. Mfg. Co. ("Samson"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lane Bros. Co. ("H-C" Steel), Poughkeepsie, N. Y.
Lansing Co. ("Miller," "Baltimore"), Lansing, Mich.
Lyon Iron Works, Greene, N. Y.
Maxon-Miller Jack Co., Huntington, W. Va.
Metropolis Bending Co., Metropolis, Ill.
Millers Falls Co. ("Power's"), 28 Warren, New York
Moulton C. W. H. Co., Somerville, Mass.
Mountville Mfg. Co., Mountville, Pa.
National Tubular Axle Co., Emigsville, Pa.
Oliver Mfg. Co. ("Peerless," "Samson," "Oliver" Practical), 326 S Desplaines, Chicago, Ill.
Peppler Thomas Son & Co., Hightstown, N. J.
Pioneer Pole & Shaft Co. ("Winter"), Piqua, Ohio
Porter J. E. Co. ("Porter's" Never-Slip), Ottawa, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill
Rene Mfg. Co. ("Frey's"), Erie, Pa.
R I. Malleable Iron Works, Hills Grove, R. I.
Richards-Wilcox Mfg. Co. ("Tiger," "Wilcox" & "Richards" Handy), Aurora, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Steel Scaffolding Co. (Wagon & Carriage Wheel), Evansville, Ind.
Swett A. L. Iron Works, Medina, N. Y.
Templeton Kenly & Co. Ltd. ("Simplex"), 1020 S. Central av, Chicago, Ill.
Torrey Bros. Co. ("Eclipse," "Champion"), Central Village, Conn.
Whitehurst R. W. Mfg. Corp. ("Boss"), Norfolk, Va.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.
Young Bros Co., Worcester, Mass.

6799— *Jacks (Wrecking)

DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Joyce-Cridland Co., The, Dayton, Ohio
Rogers H. A. Co. 87 Walker, New York
See adv index at end of book

6800—Jail & Cell Work (Steel)

Barnum E. T. Wire & Iron Works (Steel Cells), 864 Woodward, Detroit, Mich.
Capital Iron Works Co., Topeka, Kans.
Covington Arch'l Iron Works, Covington, Ky.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Dyer Bros. Golden West Iron Works, 17th & Kansas, San Francisco, Cal.
East Iron & Machine Co., 351 E Market, Lima, O.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
HALL'S SAFE CO., P. O. Box 846, Cincinnati, O. *See adv index at end of book*
Harrigan Safe Co. (Small), Kansas City, Mo.
Hassell Iron Works Co., Colorado Springs, Colo.
Hastings Fdry. & Iron Works, Hastings, Neb.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
Lane Thos. Co., Farmers Bank bldg, Pittsburgh, Pa.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Mack Iron & Wire Works Co., Sandusky, O.
Manly Jail Works, Dalton, Ga.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Iron & Wire Co., Cleveland, O.
Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.
Remppis W. F. Iron Wks. Co., 226 Spruce, Reading, Pa.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Roanoke Iron & Bridge Works, Inc., Roanoke, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fence & Iron Co., Waynesboro, Pa.
Snead Arch'l Iron Works, Louisville, Ky.
Southern Steel Co., San Antonio, Tex.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Standard Iron & Wire Works, Chattanooga, Tenn.
Stewart Iron Works, The, 237 Stewart blk, Cincinnati, Ohio
See adv index at end of book
Van Dorn Iron Works Co. (Burglar-Proof, Prison Cells, etc), 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Whitehead & Kales Iron Works, Beecher & M C. R. R., Detroit, Mich.

6801— Janitors' Supplies

Barnett & Brown (Jobbers), 162 Pearl, New York
Barth L. Son (Dlrs.), Cooper sq., New York
Bix Janitor Supply Co., 116 N 9th St. Louis, Mo.
Central Supply Co., 28 S William, New York
Dilley Wm., 22 N 5th av, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Johnson V. E., Tacoma, Wash.
Lewis Samuel, 73 Barclay, New York
U. S. Chemical Co. (All Kinds), Greenville, Ohio.
Wilson Ludwig Brush & Supply Co., 455 S Clark, Chicago, Ill.

6801a— *Japan (Water)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

6802— Japanned Ware Mfrs.

Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Kreamer A., Inc., 307 Kent av, Brooklyn, N. Y.
Schlueter Mfg. Co. ("DeLuxe"), St. Louis, Mo.
Stratton & Terstegge Co., 15th & Main, Louisville, Ky.

6803— Japanned Wood

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6804— Japans

See also Varnish Manufacturers
Ault & Wiborg Co., 432 E. New, Cincinnati, Ohio
Bennett Varnish Co ("Carbeno"), 2215 Elston av, Chicago, Ill.

JAPANS—continued
Du Pont E. I. de Nemours & Co., Inc., Sales Dept, Paint and Varnish Section, Wilmington, Del.
See adv index at end of book
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Hilo Varnish Corp. ("Hilo"), Marcy & Flushing avs, Brooklyn, N. Y.
IMPERVIOUS VARNISH CO. (Mfrs), 421 Wood, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book

6805— Jardiniers

Crescent Brass Products Co., 8410H Lake av, Cleveland, Ohio
Farber S W (Brass & Copper), 147 S 5th, Brooklyn, N. Y.
Friedman Joseph, 114 5th av, New York
Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.
Virden Co., Ashland rd & Longfellow, Cleveland, O.

6806— Jars (Acid)

See also Acid Vessels
Knight Maurice A. (Acid Proof), Akron, Ohio.
Maddock John & Sons (White Vitreous or Porous Earthenware), Trenton, N. J.
Robinson Clay Product Co., Akron, O.

6807— Jars (Battery, Glass)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Clyde Glass Mfg. Co., Inc., Clyde, N. Y.
Corning Glass Works ("Nonex"), Corning, N. Y.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Gayner Glass Works, Salem, N. J.
Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Hemingray Glass Co., Covington, Ky.
Illinois Glass Co., Alton, Ill.
Salem Glass Works, Salem, N. J.
United States Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Whitall Tatum Co., 48 Barclay, New York
Whitney Glass Works, Bullitt bldg, Phila., Pa.

6808—Jars (Battery, Rubber)

American Hard Rubber Co., 9 Mercer, New York
Brunswick-Balke-Collender Co., 29 W 32nd, New York.
Consumers' Rubber Co. ("Euclid"), 829 Superior av, Cleveland, O.
Goodrich B. F. Co., Akron, O.
India Rubber Co., New Brunswick, N. J.
Luzerne Rubber Co., Trenton, N. J.
Stokes Jos. Rubber Co., Trenton, N. J.

6809—Jars (Battery, Vitrified)

Maddock John & Sons (Glazed or Unglazed), Trenton, N. J.

6810— Jars (Fruit)

Anacortes Glass Co., Anacortes, Wash.
Atlantic Bottle Co., 90 W B'way, New York
Ball Bros. Glass Mfg. Co. ("Ball Perfect Mason," "Ball Ideal," "Ball Improved," "Ideal," "Mason," "Sure Seal"), Muncie, Ind., & Wichita Falls, Texas.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Federal Glass Co. (Mason & Lightning), Columbus, O.
Flaccus C. L. Glass Co., Empire bldg, Pittsburgh, Pa.
Gayner Glass Works, Salem, N. J.
Hawley Glass Co., Hawley, Pa.
Hazel Atlas Glass Co. ("E-Z Seal," Mason & other makes), Wheeling, W. Va.
Hemingray Glass Co., Covington, Ky.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jeannette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co. (Glass), Kokomo, Ind.
Kearns-Gorsuch Bottle Co., Zanesville, O.
Kerr Glass Mfg. Co., Sand Springs, Okla.
Mason Jar Glass Cap Co., Anderson, Ind.
Northwestern Glass Co., Saginaw, Mich.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
Penna. Glass Co. (Flint), Anderson, Ind.
Root Glass Co., Terre Haute, Ind.
Salem Glass Works, Salem, N. J.
Schram Glass Mfg. Co., Hillsboro, Ill.
Smalley, Kivlan & Onthank ("Queen" White Flint), 21H Blackstone, Boston, Mass.
Tygart Valley Glass Co., Grafton, W. Va.
Whitney Glass Works, Glassboro, N. J.

6811— Jars (Glass)

Clyde Glass Mfg. Co., Inc. (Tobacco), Clyde, N. Y.
Federal Glass Co., Columbus, O.
Foster A. M. & Co., 6 E Lake, Chicago, Ill.
Gem Stopper Co. ("Gesco"), 2120 Nicholas, Phila., Pa.
Illinois Glass Co. (Cigar, Cold Cream, Ointment, Butter, Preserve, etc), Alton, Ill.
Imperial Glass Co., Bellaire, O
Jeanette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
McKee Glass Co. (Candy), Jeannette, Pa.
Norfolk Glass Mfg Corp. ("Anchor"), Norfolk, Va.
Reed Evan L. Mfg. Co. (Candy), Sterling, Ill.
Sneath Glass Co. (Spice, etc), Hartford City, Ind.
Tygart Valley Glass Co., Grafton, W. Va.
Victor Jar Co. (For all Food Products), 321 Monroe av, Detroit, Mich.
Whitall Tatum Co., 48 Barclay, New York

Jars (Kitchen Cabinet)

See Jars, Glass

6811a— *Jars (Leyden)

Corning Glass Works, Corning, N. Y.

6812— Jars (Milk)

Binghamton Glass Co., Binghamton, N. Y.
Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
Essex Glass Co., Mount Vernon, O.
Fairmont Glass Works, Keystone & Belt, Indianapolis, Ind.
Flaccus C. L. Glass Co., Tarentum, Pa.
Greensburg Glass Co., Greensburg, Pa.
Hamilton J. T. & A., 26th & A. V. R. R., Pittsburgh, Pa.
Hart Glass Mfg. Co., Dunkirk, Ind.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jeannette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lockport Glass Co, Lockport, N. Y.
Marion Flint Glass Co., Marion, Ind.
Obear-Nester Glass Co., St. Louis, Mo.
Thatcher Mfg. Co., Elmira, N. Y.
Whitney Glass Wks., Glassboro, N. J.
Winslow Glass Co., Columbus, O.

6813— Jars (Paste)

Smith L. E. Glass Co., Mt. Pleasant, Pa.

6813a— Jaws (Face Plate)

Bullard Machine Tool Co., Bridgeport, Conn.
Cushman Chuck Co., Dept. H, Hartford, Conn.
Hoggson & Pettis Mfg. Co., 161H Brewery, New Haven, Conn.
Horton, E. & Son, Co., Dept. H, Windsor Locks, Conn.
Skinner Chuck Co., Dept. H, New Britain, Conn.

6814—Jets & Nozzles (Acid Proof)

Duriron Castings Co. ("Duriron"), Dayton, O.

6815-6—Jewels (Scientific Instruments)

American Oil & Supply Co., 238 Wilson av, Newark, N. J.
Bache, Semon & Co. (Imp. Sapphires, Agates, Glass, etc.), 636 Greenwich, New York
Deknatel J. A. & Son (Glass), 8 Heyward, Brooklyn, New York
Diamond Cupped Bearing Co., B'way & Manhattan, New York
Eastern Specialty Co. (Diamond & Sapphire), 3409 N 13th, Phila., Pa.
Eby H. H. Mfg. Co., 1302 Wallace, Philadelphia, Pa.
See adv index at end of book
Glogau & Co. (Agate, Sapphire, Etc.), Great Lakes bldg, Chicago, Ill.
Mildrum W. W. Jewel Co., East Berlin, Conn.
Newark Jewel Co., 51 Lawrence, Newark, N. J.
Wennstroms John Sons Co. (Sapphire, Agate, etc), Suffern, N. Y.
Worley John, Waltham, Mass.

6817— Jiggers

Crossley Machine Co. (Crucible), State & Chestnut av, Trenton, N. J.
Ivens Wm. H. Sons Co. (For Round & Oval Work), P. O. Box 647, Trenton, N. J.

6818— Jigs (Coal & Ore)

Allis-Chalmers Mfg. Co. (Ore), Milwaukee, Wis.
Denver Engineering Works Co. ("Richards" Pulsator), Denver, Colo.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th Chicago, Ill.
See adv index at end of book
McFarlane Mfg. Co., Denver, Colo.
McLanahan-Stone Machine Co. ("McLanahan"), Holidaysburg, Pa.
Mauch Chunk Iron Works, Mauch Chunk, Pa.
Mt. Carmel Iron Works ("B. & K."), Mt. Carmel, Pa.
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Tamaqua Mfg. Co. ("Christ" Patent), Tamaqua, Pa.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Wilmot Engineering Co. ("Simplex"), Hazleton, Pa.

6819—Jigs (For Concentrating Mills)

Allis-Chalmers Mfg. Co. ("Hancock"), Milwaukee, Wis.
Denver Engineering Works Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Hallidie Co., Spokane, Wash.
See adv index at end of book
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
KENNEDY-VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Portage Lake Foundry & Machine Co., Hancock, Mich.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6820— Jigs (Key Filing)

Harrison & Co., 81 New, New York.

6821—Jigs & Fixtures (Drilling & Milling)

Accurate Engineering Co., 150 E 4th, Plainfield, N. J.
See adv index at end of book
Aetna Brass Mfg. Co., 3870 Hamilton, Cleveland, Ohio
Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
Albany Machine & Tool Co., Albany, N. Y.
Allen Wrench & Tool Co., 189 Public, Providence, R. I.
American Instrument Works, Inc., 18 E. Lacock, Pittsburgh, Pa.
American Mach. & Fdy. Co. (Gauges), 5520 2nd av, B'klyn, N. Y.
American Mach. Tool Engng. Wks., 4854 W Kinzie, Chicago, Ill.
American Tool & Mfg. Co., Urbana, O.
Anderson Tool Co., Elyria, O.
Ashley Machine Wks., Rochester, N. Y.
Atcheson Tool & Die Co., 43 W Long, Columbus, O.
Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Bath John Co., Inc., 8 Grafton, Worcester, Mass.
Beaver Mach. & Tool Co., 625 N 3d, Newark, N. J.
Beaver Tool & Engng. Co., Elkin, Ill.
Becker Milling Mach. Co., Hyde Park, Mass.
Bersted Forming Tool Co., 771 Mather, Chicago, Ill.
Boston Scale & Machine Co., 100 Ruggles, Boston, Mass.
Boston Tool & Mfg. Co., 262 Dover, Boston, Mass.
Bowen G. F. Mach. Co, Inc., 24 Scott, Newark, N. J.
Brierley Mach. Co., 1736 E 22nd, Cleveland, O.
Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Capital Die Tool & Mach. Co., 619 N 4th, Columbus, O.
Carroll Engineering Co., Dayton, O.
Carpenter E. W. Mfg. Co., 515 Union av, Bridgeport, Conn.
Cashman Tool Co., Dept. H, Waynesboro, Pa.
Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
Central Machine & Tool Co., The, 1214-1216 Dorr Toledo, O.
See adv index at end of book
Central Tool & Die Co., Dayton, O.
Chatham Mach. & Tool Wks., 128 Mott, New York
Cincinnati Engineering Tool Co., Winton pl, Cincinnati, O.
City Mach. & Tool Wks., Dayton, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Cleveland Mach. Tool Co., Cleveland, O.
Cleveland Metal Stamping Co., Cleveland, O.
Cleveland National Machine Co., 1366 W 70th, Cleveland, O.
Cleveland Specialty & Mfg. Co., Cleveland, O.
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Connery Mach. & Tool Co., 56 Harrison av, Springfield, Mass.
Cummings Mach. Wks., 110 High, Boston, Mass.
Damon & Glenn, 189 High, Boston, Mass.
Dayton Mach. Products Co., Dayton, O.
Dayton Reliance Tool & Mfg. Co., Dayton, O.
Dayton Stamping & Tool Co., Dayton, O.
Dayton Tool Co., Dayton, O.
Detroit Machine Co., Ft. of Heliger av, Detroit, Mich.
Detroit Tool Co., 1437 St. Antoine, Detroit, Mich.
Dimler Machine Tool Co., Dayton, O.

Dodge Tool Co., Grinnell, Ia.
Dover Geo. W., Inc., 1012 Eddy, Providence, R. I.
Eagle Engineering Co., Springfield, O.
Eclipse Machine & Tool Co., 7 Sherman, Charlestown, Mass.
Essex Tool Wks., Newark, N. J.
Excelsior Tool & Gauge Co., 1535 Temple av, Detroit, Mich.
Excel Mfg. Co., 7 Sherman, Charlestown, Mass.
Federal Adding Machine Corp., 251 4th av, New York
Federal Tool Co., 2512 W Monroe, Chicago, Ill.
Fenn Mfg. Co., 385 Broad, Hartford, Conn.
Fenton Mach. Tool & Die Co., Fenton, Mich.
Fostoria Machine & Tool Co., Fostoria, O.
Franklin Die & Tool Co. (The), Columbus, O.
Freeman F. W. Co., 160 Portland, Boston, Mass.
Gamewell Co., Newton Nipper Falls, Mass.
Gardam Wm. & Son, Inc., 114 Park pl, New York
Garrison Co., Inc., 183 John, Bridgeport, Conn.
Gem City Mach. Co., Dayton, O.
General Mach. Wks., York, Pa.
General Mach. & Mfg. Co., Bridgeport, Conn.
General Mfg. Co., 93 Meldrum, Detroit, Mich.
Gisholt Machine Co., Madison, Wis.
Gosa-Brockman Co. (& Gauges), 1027 Schilles, Phila., Pa.
Goddard Tool Co., 351 W Chicago av, Chicago, Ill.
Gooley & Edlund, Cortland, N. Y.
Grand Tool & Mach. Wks., 151 Grand, New York
Grant Mfg. & Mach. Co., Bridgeport, Conn.
Gray Iron Fdry. Co., Reading, Pa.
Grayson Tool & Mfg. Co., Charleston, W. Va.
Grimes P. L., Milford, Conn.
Hahn Mfg. Co., 5332 Hamilton av, Cleveland, O.
Hall Gas & Engine Co., Inc., Garden bldg, Phila., Pa.
Hall Wm. Co., Quincy, Mass.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hanson Tool & Die Co., 1330 12th, Detroit, Mich.
Harbor Machine Co., 183 High, Boston, Mass.
Harris Engineering Co., Bridgeport, Conn.
Hartford Special Machinery Co., Hartford, Conn.
Herlth O. B. Mfg. Co. Inc., 32 Union pl, Hartford, Conn.
Heartly Mach. Variety & Tool Wks., 900 Summit, Toledo, O.
Hentschel P. J. Mach. Co., 703 Hillen, Balto., Md.
Herron Mfg. Wks., Div. of the Bossick Co. (Bridgeport, Conn.), jig & fixtures, dies, gorges & special machy., Utica, N. Y.
Hudson Metal Mfg. Co., Jersey City, N. J.
Hygrade Machine & Equipment Co., 245 N. J. Railroad av, Newark, N. J.
Ideal Mach. & Tool Co., 128 Longworth, Cincinnati, O.
Industrial Products Co., 334 N. Irving av, Chicago, Ill.
Inland Machine Works, 17th & Locust, St. Louis, Mo.
International Mach. Tool Co., 1111 Power av, Cleveland, O.
Jamestown Die & Tool Corp., Dept. H, Jamestown, N. Y.
Jaxon Co., 1010 Jackson, Toledo, O.
See adv index at end of book

SPECIAL TOOLS
Jigs, Fixtures and Machines
THE JAXON COMPANY
LA FRANCE BUILDING
1010-12-14 Jackson St.
TOLEDO, OHIO.

Johns Engineering Co., 625 Champlain av, Cleveland, Ohio
See adv index at end of book
Johns Stamping & Machine Wks. Co., 1715 Leonard, Cleveland, O.
Johnson & Biddle Tool Co., Elkhart, Ind.
Keystone Mach. Co., 206 Commercial, Rochester, N. Y.
Kinzig Tool Co., 1239 W. 3rd, Cleveland, Ohio
Krag Franz K., 542 W Jackson, Chicago, Ill.
Krebs Mfg. Co., 341-9 E Ohio, Chicago, Ill.
Kuhn & Jacob Machine & Tool Co., Trenton, N. J.
Laganke Chas. F. 116 St. Claire av N E, Cleveland, O.
Lansing Stamping & Tool Co., Lansing, Mich.
Lindstrom Die, Tool & Gauge Wks. (Inc.). (& Gauges), Bridgeport, Conn.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Lucas-Miner Tool & Production Co., 427 Valley, Dayton, O.
McCullock A. P. Machine Co. (& Special Gauges), 216 High, Boston, Mass.
Mackin Stephen, 33 N Forster, Worcester, Mass.
MacLeod Mfg. Co., 2640 Greenview av, Chicago, Ill. *See adv index at end of book*
Manhattan Mach. & Tool Wks., Grand Rapids, Mich.
Marvin & Casler Co., Canastota, N. Y.
Maute & Sons J., Buffalo, N. Y.
Matthews Engng. Co., Sandusky, O.
Mailometer Co., 1093 Jefferson av, E, Detroit, Mich.
Maute J. & Sons, 23 Kane, Buffalo, New York
Mehl Mach. Tool & Die Co., Roselle, N. J.
Merritt S. W. Co., 699 W 133d, New York
Meyers W. F. Co., Bedford, Ind.
Meyers W. F. Co., 599 W 133d, New York
Miami Engineering Co., Dayton, O.
Miami Tool & Die Co., Dayton, O.
Michigan Machine Co., 85 Porter, Detroit, Mich.
Michigan Tool Co., 402H Jefferson, Detroit, Mich.
Middlesex Mach. Co., Inc., Middletown, Conn.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Modern Pattern Co., 150 Clinton, Milwaukee, Wis.
Monarch Engng. Co., 230 E 1st, Dayton, O.
MONARCH TOOL & MFG. CO., THE, 122 Opera pl, Cincinnati, O.
Moore & Co., 305 Grand, Chicago Ill.
Moore Eastwod Co., 116 E 4th, Dayton, O.
Modern Tool Die & Machine Co., 216-220 N Fourth, Columbus, O.
National Engineering & Tools Works, Oak Park, Ill.
Nat'l Production Co., Bellevue & Benson, Detroit, Mich.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York.
Nestor Mfg. Co., Inc., 40 W 13th, New York
New England Tool & Machine Co., 51 Taylor, Springfield, Mass.
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
New Process Specialty Co., 230 Hanover, Milwaukee, Wisc.
Nichols [illegible], Waltham, Mass.
Nilson, A. H., Machine Co., Bridgeport, Conn.
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
Octo Engng. Ass'n, Inc., Rochester, N. Y.
Ohio Instrument Mfg. Co. 5902 Carnegie av, Cleveland, O.
Ohio Tool Co., Dayton, O.
Pedersen Mfg. Co., 236 Middle, Bridgeport, Conn.
Pennsylvania Tool & Mfg. Co., York, Pa.
Perry F. W. Mach. Co., Youngstown, O.
Precision Engineering Co., Jamestown, N. Y.
See adv index at end of book
Providence Mfg. & Tool Co. 17 Warren, Providence, R. I.
Reliance Die & Stamping Co., 515 N La Salle, Chicago, Ill.
Reynolds Mach. Co., Massillon, O.
Rochester Tool & Gauge Co., 203 State, Rochester, N. Y.
Rockford Metal Specialty Co., Rockford, Ill.
Root B. M. Co., York, Pa.
Rupp Mfg. Co., Inc., Hagerstown, Md.
S-P Mfg. Co., 872 E 72d, Cleveland, O.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sayler, H. M., 328 Washington, Newark, N. J.
Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill. *See adv index at end of book*
Schroeder Bros. Mfg. Co., 111 Brook, Torrington, Conn.
Schoenert Carl & Sons, 633 S 20th, Newark, N. J.
Schroeder Bros. Mfg. Co., 111 Brook, Torrington, Conn.
Service Engineering Co., 25 Church, New York
Sexton Machine Co., 308 Pearl, Hartford, Conn.
See adv index at end of book
Sheffield Machine & Tool Co., Dayton, O.
Shelton Tool & Mach. Co., Shelton, Conn.
Siewek Bros. Co. 75 E Baltimore av, Detroit, Mich.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Springfield Tool Co., Springfield, Mass.
Steiner Bros., 322 N West, Lima, O.
Steel Products Engineering Co., Springfield, O.
Stein Wm. P. & Co., Rochester, N. Y
Superior Die, Tool & Machine Co., Columbus, O.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Taylor-Shantz Co., Rochester, N. Y.
Thomson Mach. Co., Canton, O.
Twin-O-Matic Machine & Tool Co., 160 John, Brooklyn, N. Y.
Ulmer J. C. Co., 1791 E 38th, Cleveland, Ohio
UNITED MACHINE & MFG. CO., Canton, O.
Up-to-Date Tool Co., 81 Warren, Boston, 18, Mass. *See adv index at end of book*
Urbana Tool & Die Co., Urbana, O.
Utility Tool & Die Co., 2942 Monroe, Toledo, O.
Vahan Products Co., 73d & St. Clair, Cleveland, O
Victory Mfg. Co., York, Pa.
Viking Tool & Mach. Co., 249 44th, B'klyn, N. Y.
Wade American Tool Co., 311 Atlantic av, Brooklyn, N. Y.
Weimann Bros. Mfg. Co., Derby, Conn.
See adv index at end of book
Western Tool Co., 577 N. 3rd, Newark, N. J.
Wilcox Motor & Mfg. Co., Saginaw, Mich.
Willard-Middletown Machine Co., Covington, Ky.
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wilsch Mach. & Specialty Co., 237 Lafayette, New York
Windau Tool Co., 1565 E 17th, Cleveland, O.
Wirth John D., New Haven, Conn.
Worcester Mach. Wks., Worcester, Mass.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, O.

Jim-Crows

See Benders, Rail

6822— *Joint Couplings

International Couplers Co. ("Auto-Tite"), 239 4th av, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6823— Jointers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6824— Jointers (Masons')

Arrowsmith Concrete Tool Co. (Concrete Finishing), Arrowsmith, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co. (Steel & Bronze), 1002 Cass av, St. Louis, Mo.
Stortz John & Son, 210 Vine, Phila., Pa.

6825— Jointers (Pipe)

See also Runners, Lead Joint

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mueller H. Mfg. Co. (For Cast Iron Pipe), Decatur, Ill.
Watkins Thos., Johnstown, Pa.
Yonts C. H. & Co. (Asbestos Lead Pipe Joint Runner), Meadville, Pa.

6826— Jointers (Saw Tooth)

Disston Henry & Sons, Inc., Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co. (For Circular Saw), Rochester, N. Y.
See adv index at end of book
Karle & Sons (For Band or Circular Saws), 142 Chicago, Buffalo, N. Y.

6827-8— Jointers (Shingle)

See also Shingle Mill Machinery

American Sawmill Machinery Co. (Rotary), Hackettstown, N. J.
Lyon Iron Works, Greene, N. Y.

6829— Joints (Angle)

American District Steam Co. (45 to 900), No. Tonawanda, N. Y.

6830— Joints (Ball)

See also Joints, Flexible; also Joints, Universal

American District Steam Co., North Tonawanda, N. Y.
Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
Cincinnati Ball Crank Co., No. Oakley, Cincinnati, O.
Clow Jas. B. & Sons (Flexible), Franklin & Harrison, Chicago, Ill.
Franklin Railway Supply Co. ("Franklin," a Flexible Metallic Pipe Connection for Round Houses), 30 Church, New York
Mechanical & Electrical Mfg. Co. (Adjustable & Non-Adjustable), 2227 Prairie av, Chicago, Ill.
Morgan Mfg. Co., Inc. (Adjustable & Socket), Keene, N. H.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Walker Mfg. Co., Fenton, Mich.

6831—*Joints (Brass Swing)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mueller H. Mfg. Co. (Steam), Decatur, Ill.

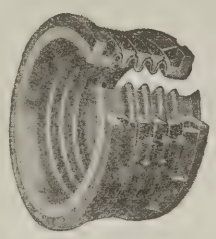
6832— Joints (Cable)

Dossert & Co., 242 W 41st, New York
Fountain Jno. Jr., 510 Broome, New York
Matthews W. N. & Bro. Inc. ("Matthews" Splicing), 2922 Easton av, St. Louis, Mo.

6833—Joints (Carriage & Automobile Top Prop)

Blakeslee Forging Co., Plantsville, Conn.
Brewer Titchener Corp. ("Ajax," "Cortland," "Pioneer"), Cortland, N. Y.

BADGER SELF-EQUALIZING EXPANSION JOINTS



CHANGES in temperature cause material changes in length of steam, air, water, and other pipe lines. To care for these changes safely a Badger Expansion Joint should be installed in a pipe line, otherwise the pipe joints will work loose and leak, or the fittings may become fractured, due to the irresistible strains of expansion and contraction.

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Cowles C. & Co., New Haven, Conn.
Crandal, Stone Division, The Brewer-Titchener Corp. ("Pioneer" Top Joints), Binghamton, N. Y.
Owensboro Forging Co. (Steel), Owensboro, Ky.
Scherer H. & Co., 280 E Jefferson av, Detroit, Mich.
Springfield Harness Co. (Extension), Springfield, Mass.

6833a— Joints (Copper)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
BADGER E. B. & SONS CO., 75-A Pitts, Boston, Mass.
See adv index at end of book

6834-5— Joints (Expansion)

ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York
American District Steam Co. (Iron Body, for Underground or Inside Work), North Tonawanda, N. Y.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Aterite, Co., Inc. ("Aterite"), N. E. Cor. John and William, New York
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
BADGER E. B. & SONS CO. (Corrugated Copper), 75-A Pitts., Boston, Mass.
See adv index at end of book
Barber Asphalt Paving Co. (Asphalt Compound), Land Title bldg, Phila., Pa.
Belfield H. Co. (Iron & Brass), 435 N Broad, Phila., Pa.
Bordo L. J. Co. Inc. ("Bordo" Swing Joints), 12th & Thompson, Phila., Pa.
Bridgman Bros. Co. ("Bridgman" Brass & Iron), 131 S 31st, Phila., Pa.
Buckeye Iron & Brass Works (Brass), Dayton, Ohio
CAMDEN COPPER WORKS, 559 S. 2nd Camden, N. J.
CAREY PHILIP MFG. CO. ("Elastite"), 330 Wayne av, Lockport, Cincinnati, Ohio. *See adv index at end of book*
Central Station Steam Co. (Packingless), 710 Woodbridge, Detroit, Mich.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co., 836 S. Michigan av, Chicago
See adv index at end of book
DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass. *See adv index at end of book*
Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.
Ford & Kendig Co. 1428H Callowhill, Phila., Pa.
Gerstein Bros. & Cooper (Copper), 3 W 3d, South Boston, Mass.
GRISCOM-RUSSELL CO. (Copper for Exhaust & Live Steam), 92 West, New York *See adv index at end of book*
Harvey's A. Sons Mfg. Co., 28 1st, Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hoffmann B. Mfg. Co. (Brass & Iron Body), 257 6th, Milwaukee, Wis.
Howard Iron Works, Buffalo, N. Y.
Illinois Engineering Co., W 21st & S Racine av, Chicago, Ill.
Kaltenhaler H. J. (Iron Body), 234 Cherry, Phila., Pa.
Kellogg M. W. Co. (Pipe), 90 West, New York. *See adv index at end of book*
Kelly & Jones Co ("Simplex," "K. & J."), 135 Water, Pittsburgh, Pa.
Konold M. J. Co. (Copper), Bessemer bldg., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCarthy Felix, Pottstown, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Midwest Brass Copper Co., Inc. (Copper), 480 Broome, New York.
New York Brass Foundry Co., 403 Broome, New York.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
P.-K. Engineers ("P.-K."), 1906 Pine, St. Louis, Mo.
Pearce W. H. & Co. ("Crescent"), 115 S Dearborn, Chicago, Ill.
Pioneer Asphalt Co. ("Pioneer"), Lawrenceville, Ill.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa
Pittsburgh Valve, Foundry & Construction Co. (Balanced & Unbalanced), 26th & A V R. R., Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Shaw Benj. F. Co. (Copper), Wilmington, Del.
Stotz Jos. & Son, Inc., 841 E 126th, New York
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Tyler Underground Heating System, 855 Progress, Pittsburgh, Pa.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walworth Mfg. Co., Boston, Mass.
Waring-Underwood Co. ("Ideal"), Commercial Trust bldg, Phila., Pa.
Waterbury Mfg. Co., Waterbury, Conn.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book
Williams D. T. Valve Co., Cincinnati, O.

6836—Joints (Fixture Insulating)

Brandywine Fibre Products Co. (Vulcanized Fibre Tubing), E. Wilmington, Del. *See adv index at end of book*
Johns-Pratt Co. ("Moulded Mica"), Hartford, Conn.
McDowell E. O., 30 Church, New York
Macallen Co., 16 Macallen, South Boston, Mass.
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac, Milwaukee, Wis.
Mitchell Vance Co. ("Robb" Fixture), 507 W 24th, New York
Trumbull Electric Mfg. Co. ("Jaynes"), Plainville, Conn.

6837— Joints (Flexible)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Barco Brass & Joint Co. ("Martin's," "Holland," "Barco," for Air, Gas, Liquid & Steam), 212 W Illinois, Chicago, Ill.
Clow Jas. B. & Sons (Ball Joints), Franklin & Harrison, Chicago, Ill.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cooper Flexible Transmission Co., 8th av & 18th, B'klyn, N. Y.
Crane Co., 836 S Michigan av ("Walker"), Chicago, Ill.
See adv index at end of book
Douds Frank C. & Co. ("Douds," for Pipe), New Castle, Pa.
Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.
Drummond M. J. & Co., (Pipe), 51 Chambers, New York
Falcon Joseph G., Evanston, Ill.
Greenlaw Mfg. Co. ("Greenlaw"), 141 Milk, Boston, Mass.
International Couplers Co. ("Auto-Tite"), 239 4th av, Pittsburgh, Pa.
Moran Flexible Steam Joint Co. (For Steam, Air or Liquid, all Metal), Louisville, Ky.
Pittsburgh Valve, Fdry. & Constr. Co. ("Moran"), 26th & A. V. R. R., Pittsburgh, Pa.
Snead & Co. (For Automobiles & Marine Engines), Jersey City, N. J.
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Venango Mfg. Co. (Locomotive), Franklin, Pa.
Walker Mfg. Co. (Pipe or Ball Joints), Fenton, Mich.

6838—Joints (Insulating, Rail)

Atlas Railway Supply Co. (For Tee & Girder Rails), 431 S. Dearborn, Chicago, Ill.
Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.
Johns-Pratt Co. ("Moulded Mica"), Hartford, Conn.
Q. & C. Co. ("Q. & C.," "O'Brien"), 90 West, New York
Rail Joint Co., 61 B'way, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Track Specialties Co., 29 B'way, New York
Whall C. H. Co. ("Whall's," Fibre), 170 Summer, Boston, Mass.

6839— Joints (Ladder)

Auer John Jr. (Wrought Steel), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought), 2d & Somerset), Phila., Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

6840—Joints (Lap, Recessed)

Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.

6841— Joints (Pipe)

Central Foundry Co. ("Universal"), 90 West, New York
Crane Co. (Flanged), 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Durbin Co., The, 306 Pontiac bldg, St. Louis, Mo.
Estabrook's R. Sons, 202 1st, Boston, Mass.
International Couplers Co. ("Auto-Tite"), 239 4th av, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co. ("Atwood"), 26th & A V R. R., Pittsburgh, Pa.
Western Pipe & Steel Co., 4444 Market, San Francisco, Cal.

6842— Joints (Rail Step)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Elyria Iron & Steel Co. ("Manhattan" Compromise or Step), 232 E 131st, Cleveland, O.
Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.
Q. & C. Co. ("Bonzano," "Q. & C.," "Compromise"), 90 West, New York
Track Specialties Co., 29 B'way, New York
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

Joints (Splice)

See Braces, Rail

6843— Joints (Strap)

Leard Wm. Co., 16th and 5th av, New Brighton, Pa.

6844— Joints (Stump)

Baldwin E. N. (For Carriage Tops), Shelton, Conn.
Cowles C. & Co. ("Elm City"), New Haven, Conn.
Union Forging Co., Union, N. Y.

6845— Joints (Sucker Rod)

American Well Works, Aurora, Ill.
Bradford Supply Co., Warren, Pa.
Cook August D. (Wrought Iron), Lawrenceburg, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

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Operates at any angle up to 45 degrees
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Let us tell you more about our joint than we can tell you here

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6846— Joints (Swing)

Aterite Co., Inc. ("Aterite," "Fanosite"), N. E. Cor. John and William, New York
Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
Bordo L. J. Co. ("Bordo" Locomotive), 12th & Thompson, Phila., Pa.
Central Foundry Co. ("Universal"), 90 West, New York
Crane Co. (Brass, Steam, etc), Bridgeport, Conn.
Detroit Brass & Malleable Wks. 1177H Holden, Detroit, Mich.
Haydenville Co. (Brass), Haydenville, Mass.
Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
Hoffmann B. Mfg. Co. ("B. H. Mfg. Co.," Universal), 257 6th, Milwaukee, Wis.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co. (Brass), 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
WILLIAMS FRANKLIN INC. ("Tupeda"), 37 Cortlandt, New York

6847— *Joints (Swivel)

Burlington Brass Works ("Knó-Pak"), Burlington, Wis.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

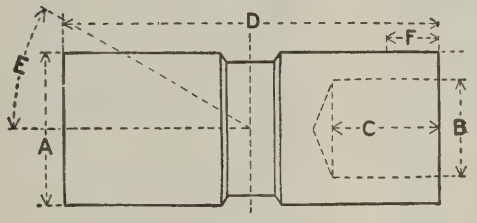
6847a—Joints (Telescopic Pipe)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book

6848— Joints (Universal)

Acme Universal Joint Mfg. Co., Kalamazoo, Mich.
Ainslie Machine & Tool Works ("Vanderbeek Giant & Vanderbeek Ball"), 35 Jefferson av, Hartford, Conn.
Arvac Mfg. Co., Anderson, Ind.
Baush Machine Tool Co. ("Bocorselski"), Springfield, Mass.
Bearings Company of America ("Sterling"), Lancaster, Pa.
Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Blood Bros. Machine Co. (For Automobiles, etc), Allegan, Mich.
BORGESON MFG. CO., INC. ("Borgeson" For Machine Tools), Torrington, Conn.
See adv index at end of book
Bossert Corp. (The), Linden & West av (Automobile Universal Ball), Utica, N. Y.
Boston Gear Works (Bronze & Steel), **Norfolk Downs, Quincy, Mass.**
See adv index at end of book
Brown A. & F. Co., 79 Barclay, **New York**
Central Foundry Co. ("Universal"), 90 West, New York
Cooper Flexible Transmission Co., Inc., 8th av. & 13th, B'klyn, N. Y.
GEM MFG. CO. ("Gem" & "G. P."), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
GRAY & PRIOR MACHINE CO., 96 Suffield, Hartford, Conn.
See adv index at end of book

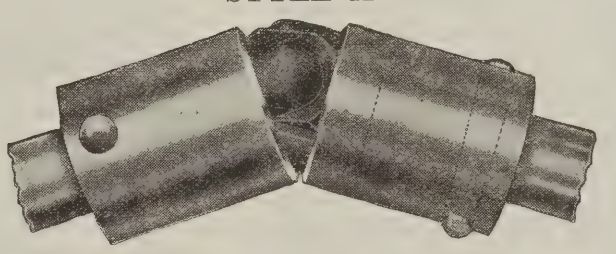
UNIVERSAL JOINTS



SPECIFICATIONS
of Stock Sizes of Style A, Universal Joints

Size No.	A	B	C	D	E	F	Weight each
1	7/8"	up to 7/16"	5/8"	2 1/4"	45°	3/8"	5 1/2 oz.
2	1 1/8"	up to 5/8"	7/8"	3"	45°	7/16"	12 1/2 oz.
3	1 7/16"	up to 13/16"	1 1/8"	3 3/4"	45°	1/2"	25 oz.
4	1 3/4"	up to 15/16"	1 3/8"	4 1/2"	45°	11/16"	41 oz.
5	2"	up to 1 1/16"	1 5/8"	5 1/4"	45°	11/16"	4 lbs.
6	2 1/4"	up to 1 1/4"	1 7/8"	6"	30°	7/8"	6 1/4 lbs.
7	2 7/8"	up to 1 3/4"	2 3/8"	7 1/2"	30°	1"	13 lbs.

STYLE A



A FEW USES TO WHICH THESE JOINTS ARE PUT

Used on adjustable gang drills and wood boring machines. On the moving feed shafts of milling, grinding, boring and various special machines.
For operating mechanisms, for revolving ventilating funnels on steamships.
For driving self-aligning boring bars.
On printing presses and various paper handling machinery.
These joints are suitable for all shaft sizes up to and including 1 3/4" diameter, but not larger.
In selecting size, dimension "B" should be referred to.
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Hartford Auto Parts Co., Hartford, Conn.
Hill-Smith Metal Goods Co. ("H. S." for Automobiles), 82 Brookline av, Boston, Mass.
Hoffmann B. Mfg. Co. ("B. H. Mfg. Co."), 257 6th, Milwaukee, Wis.
Kinsler-Bennett Co. (Pin), Hartford, Conn.
Mechanics Mach. Co. (Automobile), Rockford, Ill.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Michigan Wheel Co., Grand Rapids, Mich.
MUTUAL MACHINE CO. ("Warren"), 27 Wells, Hartford, Conn.
National Steel Products Co., Dayton, O.
Nilson-Miller Co. ("Record"), 1300-1306 Hudson, Hoboken, N. J.
Peters Mach. & Mfg. Co., 7320 Madison av, Cleveland, O.
Plank Flexible Shaft Machine Co., Grand Rapids, Mich.
Reilly Steam Pump Works, Louisville, Ky.
Slocum Avram & Slocum Laboratories, Inc. (Blair "Flexite"), 531 W 21st, New York
Snead & Co. (Shock Absorbing, etc.), Jersey City, N. J.
Spicer Mfg. Co. ("Spicer" for Automobiles, etc), South Plainfield, N. J.
Stow Mfg. Co., Inc., Binghamton, N. Y. *See adv index at end of book*
Thermoid Rubber Co. (For all automotive purposes), Trenton, N. J.
Universal Machine Co. (Roller-Bearing), Bowling Green, O.
Walker Mfg. Co., Fenton, Mich.
Walworth Mfg. Co., Boston, Mass.
Westinghouse Automatic Air & Steam Coupler Co. (Flexible Metallic Swivel & Universal), Boatman's Bank bldg, St. Louis, Mo.
Willys Morrow Co., Inc., Dept. H Elmira, N. Y.

Joints (Vehicle Top Prop)

See Joints, Carriage & Automobile Top, Prop

6849—Joist Anchor & Timber Caps

See also Hangers, Joist

Acme Fence & Iron Co., 8506 Lake, Cleveland, Ohio
American 3-Way Prism Co. (Anchors), La Porte, Ind.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Church Appliance Mfg. Co. ("Boss" Joint Anchor), La Salle, Ill.
Donley Brothers Co. (The), ("D. B." Joist Anchor), 3625 E 74th, Cleveland, O. *See adv index at end of book*
Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Goetz Box Anchor Co., New Albany, Ind.
O'Leary Arthur J. & Son Co. (Forged Steel), 65th & So 57th av, Chicago, Ill.
Prouty C. & Co., Eldred, Pa.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*
Stolz Jos & Son, Inc. (Joist Anchors), 841 E 136th, New York.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

6850— Journals (Car)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Fleming J. R. & Son Co., Scranton, Pa.
Flood City Mfg. Co., Johnstown, Pa.
Hess-Bright Mfg. Co. ("H.B.-D. W. F." Ball Bearing), Front & Erie av, Phila, Pa.
Keystone Bronze Co., 39th & A V R R, Pittsburgh, Pa.

6851—*Journals (Vulcanized Fibre)

See also Fibre, Hard

Continental Fibre Co., Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton Del. *See adv index at end of book*

6852-3— Kainit

Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Ashcraft Wilkinson Co., Atlanta, Ga.
Baker H. J. & Bro. (Importers), 81 Fulton, New York
Buffalo Fertilizer Works, Marine Bk bldg, Buffalo, New York.
German Kali Works (Importer), 42 B'way, New York
Grasselli Chemical Co. (Importers), Guardian bldg, Cleveland, O.
New Orleans Acid & Fertilizer Co. (Importers), Gretna, La.
Nitrate Agencies Co. (Imp.), 102 Pearl, New York
Swift & Co., Union Stock Yards, Chicago, Ill.
Thomas W. W. & Co. (Importers), 15 Whitehall, New York
Tupelo Fertilizer Factory (Imported), Tupelo, Miss.

Kalameined Iron Covered Work

See Doors & Windows, Kalameined

6854— Kalsomine Mfrs.

See also Paints, Cold Water

Adams & Elting Co. ("Hygienic"), 726 Washington blvd, Chicago, Ill.
Bird J. A. & W. & Co. ("Petrol"), 88 Pearl, Boston, Mass.
Certain-teed Products Corp., St. Louis, Mo.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
FOX M. EWING CO. (All Kinds of Calcimines & Water-Paints, "Muralite," "Calcitine"), 241 E 136th, New York *See adv index at end of book*
Lucas Jno. & Co., 322 Phila., Pa.
Manhattan Color Works ("Fres-Ko-Kote," "Tempo-Va"), 1035 Kelly, New York
Moore Benj. & Co. ("Muresco"), 231 Front, Brooklyn, N. Y.
Munns E. A. Kalsomine Co., 217 Fulton, Brooklyn, N. Y.
Muralo Co., Richmond Ter. New Brighton (Borough of Richmond), New York
Oxidite Mfg. Co., Arlington, Mass. *See adv index at end of book*
Reardon Paint Co., 2d & Clinton, St. Louis, Mo.
Troy Cold Water Kalsomine Co. ("Klar's" Cold Water), Troy, N. Y.
West Coast Kalsomine Co. ("Wesco"), West Berkeley, Cal.
Woolsey C. A. Paint & Color Co. ("Woolsey's" Domestic), 490 Grand, Jersey City, N. J.

6855— Kaolin Mfrs.

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Edgar Plastic Kaolin Co., Metuchen, N. J.
Excelsior Ball Clay Co., Cincinnati, O.
Georgia Kaolin Co., Macon, Ga.
Golding Sons Co., Trenton, N. J.
Harris Clay Co., Dillsboro, N. C.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Immaculate Kaolin Co., Easton, Pa.
Kaolin Mining Co., Franklin Bank bldg, Phila., Pa. Mines. McIntyre, Ga.
Kreischer Brick Mfg. Co., Krieschervilie, S. I., N. Y.
National Clay Refining Co. ("Shamrock"), 430 Walnut, Phila., Pa.
National Sales Co. (Imp), 31 E 13th, Cincinnati, O.
Ostrander Fire Brick Co. (Miners), Troy, N. Y.
Raritan Ridge Clay Co., Metuchen, N. J.
Savannah Kaolin Co. (Miners of Crude & Washed), Savannah, Ga.
Star Clay Co. (Ltd.), Mertztown, Pa.
Vanderbilt R. T. Co., 50 E 42d, New York
Whitehead Bros. Co., 537 W 27th, New York

6955a— Kapok

BOSTON EXCELSIOR CO (Java), 562 West 29th, New York
BOSTON EXCELSIOR CO. (Importers Prime Java), 26 Canal, Boston, Mass.
Hartman Pacific Co., Inc., 80 Wall, New York

6856— *Kapseal

Hercules Powder Co., Wilmington, Del.

Kauri Gum Importers

See Varnish Gums

6856a— *Kegs (Money)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons (Turned Wood), 364 5th av, New York *See adv index at end of book*

6857— Kegs (Steel)

Acme Stamping Co. (Powder, etc), Shamokin, Pa.
AMERICAN CAN CO. (White Lead), 120 Broadway, New York *See adv index at end of book*
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Peoria Can Co. (For Powder, etc), Peoria, Ill.
Pittsburgh Can Co. (White Lead Paint, etc), 61 Bridge, Pittsburgh, Pa.
Pressed Steel Products Co. (For Shipping Grease, Nails, Rivets, etc), Sharon, Pa.

6858— Kegs (Steel Shop)

Kraft, A. C., 323 W Lake, Chicago, Ill.
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*

6858a—Kegs (Tack, Miniature)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

6858b—Kegs (Turned Wood)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

6859— Kegs (Wooden)

Albrecht Fred'k, Pratt & Smallwood, Baltimore, Md.
American Stave & Cooperage Co., Chelsea, Mass.
Atlantic Tank & Barrel Corp., Hoboken, N. J.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bastian-Blessing Co., 125 W. Austin av, Chicago, Ill. *See adv index at end of book*
Bell Edwin Co. (Nail, Spike, Horseshoe, Nut, etc), S 17th, Pittsburgh, Pa.
Bridge's A. D. Sons (Powder), Hazardville, Conn.
Estes E. B. & Sons (Miniature), 364 5th av, New York. *See adv index at end of book*
Greif Bros. Cooperage Co. (For Nails, Bolts, Nuts, Rivets, Screws, Horse Shoes, etc), 1937 Willey av, Cleveland, O.
Impervious Package Co. (Nail, etc), Keene, N. H
International Cooperage Co., Inc., ("International"), Dept. H, Niagara Falls, New York
INTERNATIONAL PACKAGE CO., INC., 111 Broad, New York *See adv index at end of book*
Kimball, Tyler Co., 261 S 8th, Baltimore, Md.
Lown & Son (Cedar Harvest, etc), Poughkeepsie, N. Y.
McArdle & Co. (Dlrs. in Cider, Lard, Ink, Paint, Pickle, Sauerkraut, Vinegar & Wine Kegs), 58th pl & Gage, U. S. Yards, Chicago, Ill.
McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.
Mangold Stave & Cooperage Co. (Beer Barrels, Hogsheads, Tanks, etc), Weber rd & Grand av, St. Louis, Mo.
Peirce W. E. & Co., Milford, N. H.
Pioneer Cooperage Co., 2212 Dekalb, St. Louis, Mo.
Richmond Cedar Works (Oak & White Wood, Plain or Varnished), Fulton, Richmond, Va.
Rochester Cooperage Co. (Beer & Ale), Rochester, N. Y.
Sengel Philip & Son (Beer Barrels, Casks, Tanks, etc), Louisville, Ky.
Stecher Cooperage Works (Beer Barrels, etc), 3d & Barton, St. Louis, Mo.
Stolper Chas. Cooperage Co. (Beer Barrels, etc), 3206 Fond du Lac av, Milwaukee, Wis.
Struthers Cooperage Co. (Nail), Struthers, O.
Union Cooperage ("Handy" Tight for Liquid), 2nd & Penrose, St. Louis, Mo.
Walsh Mfg. Co., 72 S 9th, Pittsburgh, Pa.
Western Cooperage Co. (All Kinds of Barrels & Kegs), Northwestern Bank bldg, Portland, Ore.

6860— Kettles (Acid)

American Welding Co. (Chemical, Boiling, etc), Carbondale, Pa.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Knight, Maurice A. (Acid Proof Stoneware), Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Stuart & Peterson Co. (Iron), Burlington, N. J.

Kettles (Aniline)

See Kettles Size

6861—Kettles (Apple Butter)

Bucyrus Copper Kettle Works, Bucyrus, Ohio
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, So. Boston, Mass. *See adv index at end of book*
Picking D. & Co., Bucyrus, O.
Schaum John G., Lancaster, Pa.

6861a— Kettles (Asphalt)

See also Kettles, Tar; also Heaters, Asphalt, Pitch & Tar

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Camden Boiler Wks Inc. (& Oil Burning), Delaware River & 26th, Camden, N. J.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Ell-Kay Mfg. Co. Kansas City, Mo.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.

6862— *Kettles (Brass)

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Randolph & Clowes (Spun), Waterbury, Conn.

6863— Kettles (Brazing)

Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

6864— Kettles (Brew)

Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.
Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Rach Dr. Carl, 203 B'way, New York
Selg Brewery Apparatus Co., 1320 N 5th, Phila., Pa.

6865— Kettles (Calcining)

Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.

6866— Kettles (Caldron)

Brecht Co. (For Packers, etc), 1201 Cass av, St. Louis, Mo.
Buch's A. Sons Co., Elizabethtown, Pa.
Cheney S. & Son, Manlius, N. Y.
Donaldson Bros., Mt. Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Gehl Bros. Mfg. Co., West Bend, Wis.
Giblin & Co., Utica, N. Y.
Gowanda Agricultural Works, Gowanda, N. Y.
Greenville Implement Co., Greenville, Mich.
Heesen Bros. Co., Tecumseh, Mich.
Heller Aller Co., Napoleon, O.
Improved Appliance Co., 413 Kent av., B'klyn, N. Y.
Lehr Agricultural Co., Fremont, O.
Lyon Iron Works, Greene, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Moore Plow & Implement Co., Greenville, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co., Batavia, Ill.
Swift Mfg. Co., Waterloo, Ia.

Kettles (Canning Factory)

See Kettles, Process

6867— Kettles (Cast Iron)

Columbus Iron Works, Columbus, Ga.
Devine J. P. Co., Buffalo, N. Y.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Favorite Stove & Range Co., Piqua, Ohio
Golden's Foundry & Machine Co., Columbus, Ga.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Kilpatrick A. & Sons Fdry. Co., Carrie & Bulver av, St. Louis, Mo.
Manufacturing Equipt. & Engng. Co. ("Meco"), Framingham, Mass.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Squier Geo. L. Mfg. Co., B'way and Mortimer, Buffalo, N. Y.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.

6868—Kettles (Caustic Soda)

BUFFALO FOUNDRY & MACHINE CO. (& Potash), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fulton Fdry. Co., 1207 Marquette av, Cleveland, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Manufacturing Equipt. & Engng. Co. ("Meco"), Framingham, Mass.
Marshall Foundry Co., 28th & RR, Pittsburgh, Pa.
Superior Foundry Co., Dept. H, East 71st St. & W. & L. E. Ry., Cleveland, O.

6869— Kettles (Conveying)

Stuart & Peterson Co., Burlington, N. J.

6869a— Kettles (Copper)

ATLAS COPPER & BRASS MFG. CO. (Preserving), 2734 High, Chicago, Ill.
See adv index at end of book
Aufruchtig, A, Copper Iron Works, 900 S. 3rd, St. Louis, Mo.
Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
See adv index at end of book
Bucyrus Copper Kettle Works, Bucyrus, O.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Randolph-Clowes Co. (Spun), Waterbury, Conn.
Savage Bros. Co., 2638 Gladys av, Chicago, Ill.
Squier Geo. L. Mfg. Co., B'way and Mortimer, Buffalo, N. Y.

6869b— *Kettles (Desilvering)

Lehigh Foundry Co., Fullerton, Pa.

6870— Kettles (Dross)

Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Wilfong Millard F., Iron Works Co., 52d & Gray's av, Phila., Pa.

6871— Kettles (Dyers')

BADGER E. B. & SONS SO., 75-A Pitts, Boston, Mass.
See adv index at end of book
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, South Boston, Mass.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.

6872—Kettles (Fullers Earth Treating)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.

6872a— *Kettles (Fusion)

Buffalo Foundry & Machine Co. (Caustic & Phenol), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

6873— Kettles (Galvanizing)

American Bridge Co., 30 Church, New York
American Welding Co. (Welded), Carbondale, Pa.
Blaw-Knox Co., Freeport rd, Hoboken
Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.
Garwood Bronze & Iron Works, Garwood, N. J.
Heggie James G. & Sons, Joliet, Ill.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
National Wrought Iron Annealing Box Co., Washington, Pa.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Parker Charles Co., Meriden, Conn.
Petroleum Iron Works Co., Sharon, Pa.
Pittsburgh Annealing Box Co., 329 Beaver, N S, Pittsburgh, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., The, Alliance, O.
See adv index at end of book
TREADWELL CONSTRUCTION CO. (Riveted), Midland, Pa.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Wilfong Millard F. Iron Works Co., 52d & Gray's av, Phila., Pa.

6873a—Kettles (Lead Lined)

Am. Lead Burning Corp., 30 Church, New York
Novelty Steam Boiler Works, 917 S. Howard, Baltimore, Md.

6874— Kettles (Maslin)

Indiana Hollow Ware Co., Jeffersonville, Ind.

6875— Kettles (Melting)

Connery & Co., Inc., 4000 N. 2nd Phila., Pa. *See adv index at end of book*
Improved Appliance Co., 413 Kent av., B'klyn. N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mullins Body Corp. (Metal), Dept. H, Salem, Ohio

6875a— Kettles (Nitrating)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Devine J. P. Co., Buffalo, N. Y.
General Ceramics Co., Hudson Terminal bldg, New York
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Moore Samuel L. & Sons Corp., Elizabeth, N. J.
Superior Fdry. Co., Dept. H, E 71st & W. & L. E. Ry., Cleveland, O.

6876—Kettles (Paint & Varnish)

Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburgh, Pa.
American Welding Co., Carbondale, Pa.
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Dover Boiler Works—Sales Office, 40 Church, New York.
See adv index at end of book
Frelinger J. G. Iron Works (Steel & Copper), 115 W 2nd, Cincinnati, O.
Heggie James G. & Sons, Joliet, Ill.
Improved Appliance Co., 413 Kent av., Brooklyn, N. Y.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
MacLeod Co. (Japanning), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Marshall Foundry Co., 28th & RR., Pittsburgh, Pa.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Bowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

6877— Kettles (Process)

Heltzel Steel Form & Iron Co., The, Warren, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sprague Foundry & Mfg. Co. (For Canning Factories), Council Bluffs, Ia.
Wagner Mfg. Co., Sidney, O.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

6877a— Kettles (Reduction)

Buffalo Foundry & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv. index at end of book.
Devine J. P. Co., Buffalo, N. Y.
Hercules Engineering Corpn., 501 5th av, New York.
Oat Joseph & Son, 232 Quarry, Phila., Pa.
Sperry D. R. & Co., Batavia, N. Y.

6877b— Kettles (Rochester)

Roos Chas. A., 429 E. 91, New York.

6877c— *Kettles (Roofing)

Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

6878— Kettles (Size)

Cohoes Iron Foundry & Machine Co., 66th & S 60th av, Chicago, Ill.
Devine J. P. Co., Buffalo, N. Y.
Franklin Machine Co., 1 Park, Providence, R. I.
See adv index at end of book
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lombard Iron Works & Supply Co., Augusta, Ga.
Roos Chas. A., 429 E. 91, New York.
Saco-Lowell Shops, Boston, Mass.
Sperry D. R. & Co., Batavia, N. Y.
Townsend Foundry & Machine Shop Co. (Aniline), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

6879— Kettles (Smelting)

Superior Fdry. Co., Dept. H, E. 71st & W. & L. E. Ry., Cleveland, O.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilfong Millard F. Iron Works Co., 52d & Gray's av, Phila., Pa.

6880— Kettles (Soap)

Cambridge Iron Works, Cambridge, Mass.
Chicago Bridge & Iron Wks., 2105 Old Colony bldg., Chicago, Ill.
See adv index at end of book
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Littleford Bros., 444 E. Pearl, Cincinnati, O
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S. Howard, Baltimore, Md.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co. (Farmers' Soap Boiling), Batavia, Ill.

6881—Kettles (Soda, Tool Cleaning)

Brown & Sharpe Mfg. Co., Providence, R. I.
GRAY & PRIOR MACHINE CO. (Soda & Potash), 96 Suffield, Hartford, Conn.
See adv index at end of book
Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J. *See adv index at end of boo*
Manufacturing, Equipment & Engineering Co. ("Meeco"), Framingham, Mass.
Mather W. H. H. (Soda & Potash), 105th & Quebec av, Cleveland, O.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

6882— Kettles (Spelter)

American Bridge Co., 30 Church, New York
Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.

6883—Kettles (Steam Jacketed)

Allentown Boiler Works, Allentown, Pa.
Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburgh, Pa.

KETTLES (STEAM JACKETED)—cont.
Aluminum Cooking Utensil Co. ("Wear-Ever"), New Kensington, Pa.
American Copper & Brass Works, Cincinnati, O.
American Welding Co., Carbondale, Pa.
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
BADGER E. B. SONS CO., 75-A Pitts, Boston, Mass.
See adv index at end of book
Baeuerle & Morris (Copper, Tin or Lead Lined), 932 N Front, Phila., Pa.
Baker G. W. Machine Co. (And Mixers For Tanners & Curriers), Wilmington, Del.
Blymer Iron Works Co., Cincinnati, O.
Boston Copper Works Co., E Boston, Mass.
Braman, Dow Co., 239 Causeway, Boston, Mass.
Brecht Co. (For Packers & Lard Renderers), 1201 Cass av, St. Louis, Mo.
Brewer Wm. W., Troy, N. Y.
Buckeye Boiler Co., Dayton, O.
Bucyrus Copper Kettle Works, Bucyrus, O.
Clark Engine & Boiler Co., Kalamazoo, Mich.
Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.
Connery & Co., 2d & Luzerne, Phila., Pa.
DAHLQUIST MFG. CO. (Copper), 40 W 3d, So. Boston, Mass.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works (For All Purposes), Sales Office: 40 Church, New York; Works: Dover, N. J.
See adv index at end of book
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Durison Castings Co. (Acid Proof), Dayton, O.
Elyria Enameled Products Co. (Glass Enameled, 50 to 800 Gallons), Elyria, O.
Eureka Mach. Co., Cleveland, O.
French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Gerstein Bros. & Cooper, 3 W 3d, South Boston, Mass.
Gibson Iron Works Co., 168 1st, Jersey City, N. J.
Goldner Henry Boiler & Tank Works, Water & Mifflin, Phila., Pa.
Hamler Boiler & Tank Co., Dept. W 66th & S 60th av, Chicago, Ill.
Hand Edw. L. & Co. ("Elhanco"), 722 Arch. Phila., Pa.
Harris, Arthur, & Co. (Copper), 212 N. Curtiss, Chicago, Ill.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Holmberg Chas. & Co. (Copper), 1439 Austin av, Chicago, Ill.
Hubbert B. H., 3601 E Pratt, Baltimore, Md.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Kelso & Co., 559 W Quincy, Chicago, Ill.
KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Langsenkamp F. H., Indianapolis, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, O.
McNamara Bros Co., Westport, Baltimore, Md.
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Maryland Mfg. Co., 1915 Ashland av, Baltimore, Md.
Mott J. L. Iron Works, Trenton, N. J.
Motter's Geo. F. Sons, York, Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Boiler & Sheet Iron Works, Indianapolis, Ind.
New York Central Iron Wks. Co., Inc. (Canners). Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works (Triplett & Jennings, Prop's), 917 S Howard, Baltimore, Md.
Oat Jos. & Sons, 232 Quarry, Phila, Pa.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Penn Seaboard Steel Co., Franklin Bk. bldg, Phila., Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Picking D. & Co., Bucyrus, Ohio.
Reeves Bros Co., (The), Alliance, Ohio.
See adv index at end of book
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Savage Bros. Co. (Candy Makers), 2638 Gladys av, Chicago, Ill.
Scannell Boiler Works, Lowell, Mass.
Schaefer E., 1320-22 N 5th, Phila., Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 W. Conway, Baltimore, Md.
Smith's Jno. E. Sons Co. (For Tanners), Buffalo. N. Y.
Sowers Mfg. Co. (Seamless), 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co., Batavia, Ill.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Treadwell Construction Co., Midland, Pa.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.
Walworth Mfg. Co., Boston, Mass.
Young Bros. Co. (Copper), 666 Mack, Detroit, Mich.

6884— Kettles (Sugar)

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Columbus Iron Works (Syrup Only), Columbus, Ga.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
Gray & Dudley Hardware Co., Nashville, Tenn.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Kehoe Iron Works, Savannah, Ga.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
New York Central Iron Wks. Co., Inc. (& Syrup), Dept. H, Hagerstown, Md.
Over Ewald, Indianapolis, Ind.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Southern Plow Co. (Cast Iron), Columbus, Ga.
Sperry D. R. & Co. (Sugar or Wash), Batavia, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York Works: Newburgh, N. Y.
Wagner Mfg. Co., Sidney, Ohio.

6884a—Kettles (Sulphonating)

Buffalo Foundry & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Hercules Engineering Corp., 501 5th av, New York.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co., Batavia, Ill.
Stevens Bros., 85 Liberty, New York.
Superior Fdry. Co., Dept. H, E. 71st & W. & L. E. Ry., Cleveland, O.
Townsend Fdry. & Mach. Shop Co., Albany, N. Y. *See adv index at end of book*
Valley Iron Works, 81 East Water, St. Paul, Minn., Williamsport, Pa.

6885— Kettles (Tar)

Barber Asphalt Paving Co. ("Iroquois" Asphalt Kettles 50 to 400 Gals.), Land Title bldg, Phila., Pa.
Central Boiler Works, 1297 Russell, Detroit, Mich.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Evans F. H., Est. of, 31 Hewes, Brooklyn, N. Y.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hibbs E. A., Quarry & Bread, Phila., Pa.
Honhorst Joseph Co. 1016 W 6th, Cincinnati, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
MAC LEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Ohio Machine & Boiler Co. 1510H University rd, Cleveland, O.
Pioneer Iron Works, 149 Pioneer, B'klyn, N. Y.
Riter-Conley Co., Oliver Bldg., Pittsburgh, Pa.
Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Sperry D. R. & Co., Batavia, Ill.
Stafford Wright & Son, Lawrence, Mass.
Stuebner G. L. Iron Works, Queensboro Terminal, L. I. City, N. Y.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Tidewater Iron Works, Hoboken, N. J.
Union Iron Works, Hoboken, N. J.

Kettles (Tea, Etc.)

See Aluminum Ware Mfrs.; also Copper Ware, Stamped, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware, Stove

6886— Kettles (Thawing)

Atlas Powder Co., Wilmington, Del.
Du Pont, E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.) (Dynamite), Wilmington, Del.
See adv index at end of book
Giant Powder Co., San Francisco, Cal.
Hercules Powder Co. ("Hercules"), Wilmington, Del.

6887— Kettles (Tilting)

Devine J. P. Co., Buffalo, N. Y.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Stuart & Peterson Co. (Iron), Burlington, N. J.

6887a—Kettles (Tin or Silver Lined)

Aufrichtig A. Copper & Iron Works, 900 S 3rd, St. Louis, Mo.
Badger E. B. & Sons Co., 75-A Pitts, Boston, Mass.
See adv index at end of book
Roos Chas. A., 421 E. 91, N. Y.

6887b— Kettles (Vacuum)

Buffalo Fdry. & Mach. Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Elyria Enameled Products Co., Elyria, O.
General Ceramics Co., 50 Church, New York.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Pfaulder Co. (Glass Enameled), Cutler Bldg., Rochester, N. Y.
Roos Chas. A., 429 East 91st, New York.
Savage Bros. Co., 2638 Gladys av, Chicago, Ill.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stevens Bros., 85 Liberty, New York.
Stokes, F. J. Machine Co., Phila., Pa.

6887c—Kettles (Water Jacketed)

Elyria Enameled Products Co., Elyria, O.
Houchin-Aiken Co., 113 53rd, B'klyn, N. Y.
Koven L. I. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Pfaudler Co. (Glass Enameled), Cutler bldg, Rochester, N. Y.
Stevens Bros., 85 Liberty, New York.

6887d— Kettles (Wooden)

California Barrel Co., 433 California, San Francisco, Cal.

6888—Key Plates (Porcelain)

Sargent & Co. (Also Metal), New Haven, Conn.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

Keyridge

See Iron, Cellular, for Fireproofing

6889—Keys (Auto Gas Tank)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Key-Seaters

See Machines, Key-Seating; also Tools, Key-Seating

6890— Keys (Brake Shoe)

American Brake Shoe & Foundry Co., Mahwah, N. J.
Beall Bros. (Inc.), Alton, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
St. Louis Car Co., 3000 N B'way, St. Louis, Mo.
Steel Car Forge Co. (Iron or Steel for Christie Heads), Frick bldg., Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

6891—Keys (Flat Spring & Riveted)

See also Cotters, Spring, Etc.

American Nut & Bolt Fastener Co., 3 Ontario, Pittsburgh, Pa.
Bettcher Stamping & Mfg. Co., The (Flat Riveted), 6120 Clark av, S. W. Cleveland, O.
Brooks M. S. & Sons (Flat Steel Spring or Riveted), Chester, Conn.
Falls Rivet Co. ("Efficiency"), Kent, Ohio
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Henry & Allen (Flat Riveted, Drop Forged), Auburn, N. Y.
Hindley Mfg. Co. ("Columbia" Flat & Flat Spring Steel), Valley Falls, R. I.
Jencks E. Mfg. Co. (Flat Spring Only), Worcester, Mass.
National Screw & Tack Co. (Flat Steel Spring or Riveted), Stanton av, S. E. & C. & P. Ry, Cleveland, O.
Ohio Wire Goods Mfg. Co., Akron, O.

Pickering R. S. (Steel Flat Spring & Riveted), Sharon Hill, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co. (drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Wire Goods Co. (Iron Flat Spring), Worcester, Mass.

6892— Keys (Machine)

Hall Mfg. Co. (Finished), Harrison, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Meyer & Co. (Gib Head), Throopsville, N. Y.
Molthrup Steel Products Co., Beaver Falls, Pa.
Morton Mfg. Co. (Finished Ready to Drive), Muskegon Heights, Mich.
Pennsylvania Shafting Co. (Finished), Spring City, Pa.
STANDARD GAUGE STEEL CO. (Finished Steel), Beaver Falls, Pa.
Whitney Mfg. Co. (For the Woodruff System of Keying), Hartford, Conn.
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

6893— Keys (Press Screw)

Auer John, Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.

Keys (Riveted)

See Keys, Flat Spring & Riveted

6894—Keys (Socket, Rubber & Composition)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Electrose Mfg. Co., 70 Wash., Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp., 25 W. 45th, New York.
Scranton Button Co., Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Waterbury Button Corp., 831 S Main, Waterbury, Conn. *See adv index at end of book*

6895— Keys (Split)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6896—Keys (Street Washer)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Malleable Iron Fittings Co. ("M. I. F. Co"), Branford, Conn.
burgh, Pa.

6897— Kiers

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Jefferson E. D. & Son, 53 State, Boston, Mass.
Leslie, Elliott & Co., Paterson, N. J.
New England Tank & Tower Co., 42 Main, Everett, Mass. *See adv. index at end of book.*
Roberts Iron Works Co., Cambridge, Mass.
Scannell Boiler Works, Lowell, Mass.
Smith, Drum & Co. (Boiling Out), Allegheny av & 5th, Phila., Pa.
Smith Samuel & Son Co., Paterson, N. J.
Stafford Wright & Son, Lawrence, Mass.
Textile Finishing Machinery Co. (Boiling), 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co. (Boiling off), Utica, N. Y.
Wholey Boiler Works, 98 Whipple, Providence, R. I.

6898-9— Kieselguhr

Celite Products Co., Van Nuys bldg., Los Angeles, Cal.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York

6900— Killers (Fly, Poison)

Craun Bros. ("Fly Pie"), Butler, Ind.

6901—Killers (Fly, Swatters)

American Badge Co., 143 W Austin av, Chicago, Ill.
Andrews Wire & Iron Works ("Kant Scratch"), Rockford, Ill.
Atlas Mfg. Co. ("Smith," "Atlas"), New Haven, Conn.
Best Mfg. Co. (Wire), Charlotte, Mich.
Carswell David ("St. Joe"), St. Joseph, Mo.
Cassady Fairbank Mfg. Co. ("Dandy," "Excelsior"), 6126 S La Salle, Chicago, Ill.
Cawood Novelty Mfg. Co., Danville, Ill.
Compress Buckle Co., Fort Worth, Tex.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dollar W. H. Mfg. Co. ("Keenest"), Camden, N. J.
Drake A. W. Mfg. Co., Hazelton, Pa.
Fischer Bros. & Corwin, 235 N 3d, Newark, N. J.
Fly Swatter Mfg. Co., Canton, O.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hoaglin Mfg. Co. ("Badger"), Waupaca, Wis.
Lubbers & Bell Mfg. Co. ("Jackson" Steel Spring, "Ajax," "Bingo," "Samson"), Clinton, Ia.
Merrifield Co. ("Champion"), Springvale, Me.
Metzger R. A., New Philadelphia, O.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O. *See adv index at end of book*
Parker Wire Goods Co. ("Eureka," "Easy" Wire), Worcester, Mass.
Racine Iron & Wire Works, Racine, Wis.
Somers Harold (Daisy), 150 De Kalb av, Brooklyn, N. Y.
Standard Vending Machine Co., Hazelton, Pa.
Swift Fly Swatter Mfg. Co., 1412 W 12th Kansas City, Mo.
Timberlake J. B. & Sons ("Jason" & "Gem" Wire Screen), Jackson, Mich.
U. S. Wire Mat Co. ("King," "Queen," "Princess," "Prince," "Yankee," "Kant Mis," "Swatmor," "Vexen," "Swat-Sticka"), Decatur, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson-Hurd Co. ("Getsum"), Wausau, Wis.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

6902—*Killers (Gopher & Squirrel)

Felix Girard Co., Inc., 4th av. So. & Franklin, Minneapolis, Minn.
Hercules Powder Co., Wilmington, Del.

6903—Killers (Weed, Chemical)

Chipman Chemical Engng. Co., Inc. ("Atlas A"), 136 Liberty, New York
Protexal Corp., 41 Barclay, New York
Reade Mfg. Co. ("Herbicide"), Hoboken, N. J.

6904—Kiln Drying Apparatus Mfrs.

American Blower Co., 1400 Russell, Detroit, Mich.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Bayley Mfg. Co. (For Lumber, etc.), Milwaukee, Wis.
Buffalo Forge Co., Buffalo,, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Philadelphia, Pa.
Drying Systems, Inc., 910 S. Michigan av, Chicago, Ill.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Gurke Drier & Boiler Co., 317 E 2d, New York
Janney & Co., Montgomery, Ala.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
Pa. Boiler Wks., Erie, Pa.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

Kilns (Brick)

See Kilns, Dry with the Word "Brick" Following the Name

6905-6— Kilns (Cement)

CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill. *See adv index at end of book*
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
TRAYLOR ENGINEERING & MFG. CO., Allentown, Penna. *See adv index at end of book*
Worthington Pump & Machinery Corp., 115 Broadway, New York *See adv index at end of book*

6907— Kilns (China)

Bellevue Furnace Co. ("Perfection" for Firing, Decorated China, Glass, Pottery & Enameled Ware), 703 Bellevue av, Detroit, Mich.
Caulkins H. J. & Co. ("Revelation"), State & Griswold, Detroit, Mich.
Egle Bros. Mfg. Co., 169 Sylvester, Detroit, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Ideal China Kiln Co., Port Huron, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lavelle Foundry Co. ("Wilke Studie"), Anderson, Ind.
Stearns, Fitch & Co. ("Fitch" Portable, Gas or Charcoal), Springfield, O.

6908— Kilns (Continuous)

AMERICAN DRESSLER TUNNEL KILNS, INC., 1740 East 12th, Cleveland, O.
Didier-March Co. (Continuous Tunnel Kilns, Keasbey, N. J.
Glamorgan Pipe & Foundry Co. (Discharge Gas Fired), Lynchburg, Va.
Hoehne R. B. & Associates (Coal-Fired), St. Louis, Mo.
International Clay Machy. Co. (Produce Gas Fired), Dayton, O.
Flose A., 277 Hawthorne av, Portland, Ore.
Gates Alfred (Down-Draft), Shawmut, Pa.

6909— Kilns (Dry)

See also Dryers, Brick; also Kiln Drying Apparatus Manufacturers

American Blower Co., 1400 Russell, Detroit, Mich.
Andrews A. H. Co. (Lumber, Dry Kilns), 107 S Wabash av, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Chicago, Steel Tank Co. (Cleaners), Cicero, Ill.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Continental Brick Co., Arcade bldg, St. Louis, Mo.
CURTIS-HOSEY DRYER CO. ("Thermo-Myst System"), Pyle bldg, 23rd & Chestnut, Philadelphia, Pa.
Cutler Dry Kiln Co., 20 Churchill, Buffalo, N. Y.
Emerson Dry Kiln Co., Flatiron bldg, New York
Galland-Henning Mfg. Co. (Malt), Railway Exchange bldg., Milwaukee, Wis.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
Hadfield-Penfield Steel Co. (The) (Brick & Clay), Bucyrus, O. *See adv index at end of book*
Hoehue R. B. & Associates (Coal-Fired), St. Louis, Mo.
Hook Patent Kiln Co., Columbus O.
Hunter Dry Kiln Co. (For Rubber), E 26th & Cornell av, Indianapolis, Ind.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
International Clay Machy. Co. (Brick), Dayton, O.
Janney & Co., Montgomery, Ala.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, New York *See adv index at end of book*
Kensington Structural Steel Co., Venango & G., Philadelphia, Pa.
Koven L. O. & Bro. (Appurtenances), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lovejoy Ellis (Brick, etc.), Columbus, O.
Miller J. K. Co. ("Western"), Seattle, Wash.
Moore L. Dry Kiln Co., Jacksonville, Fla.
National Dry Kiln Co. (Lumber), Indianapolis, Ind.
New Process Vacuum Dry Kiln Co. (Wood, Brick, or Steel), 2011 E 18th, Kansas City, Mo.
New York Blower Co., Archer av & Canal, Chicago, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
Ohio Kiln Co., Vigo, O.
Platt Pressed & Fire Brick Co., (Brick, Tile, etc), Van Meter, Ia.
Ridgway Mfg. Co. ("Murphy" Moist Air Condensing, for Lumber), Ridgway, Pa.
Standard Dry Kiln Co., Indianapolis, Ind.
Wetherill Robt. & Co., Chester, Pa.
Yates Alfred (Brick), Shawmut, Pa.

6910— Kilns (Lime Burning)

Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Duff Patents Co., Frick bldg, Pittsburgh, Pa.
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Glamorgan Pipe & Fdry. Co., (Continuous Gas Fired) Dept. H, Lynchburg, Va.
Improved Equipment Co. ("Doherty-Eldred" Coal Fired), 60 Wall, New York
McNamara Bros. Co., Westport, Baltimore, Md.
NOVELTY STEAM BOILER WORKS, 917 S. Howard, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Steacy-Schmidt Mfg. Co. ("Keystone," Continuous), York, Pa.
Tecktonius E. C. Mfg. Co. ("Tecktonius-Vogt"), Racine, Wis.
Tippett & Wood, Phillipsburg, N. J.
United Iron Works, Inc., Kansas City, Mo.

6911—Kilns (Lime, Sugar Refining)

Hassell Iron Works Co., Colorado Springs, Colo.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Stearns-Roger Mfg. Co., Denver, Colo.

Kilns (Lumber Drying)

See Kiln Drying Apparatus Mfrs. & Kilns, Dry

6912— Kilns (Malt)

Littleford Bros., 444 E Pearl, Cincinnati, O.

Kilns (Roasting)

See Kilns, Rotary

6913— Kilns (Rotary)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bonnot Company, Canton, O.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hamler Boiler & Tank Co., Dept. H, W. 66th & So. 60th av, Chicago, Ill.
KENNEDY-VAN SAUN MFG. & ENG. CORP. (Cement), 120 Broadway, New York. *See adv index at end of book*
Leslie, Elliott & Co., Paterson, N. J.
McDermitt Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mosser W. F. & Son, Allentown, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
REEVES BROS. CO., THE (For Cement, etc.), Alliance, O.
See adv index at end of book
Sterritt-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.
Treadwell Construction Co., (For cement, etc.), Midland, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, etc.), Midland, Pa.
See adv index at end of book
United Iron Works, Inc., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wetherill Robt. & Co., Chester, Pa.
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

6914—Kindergarten Supplies

Bradley Milton Co., Springfield, Mass.
Hamilton Mfg. Co., Two Rivers, Wis.
Phillips Co., 354 4th av, New York
Readsboro Chair Co. (Tables & Chairs), Readsboro, Vt.

6915— Kitchen Sets

American Cutlery Co. ("American Kitchen Friend," "Famous," "Ideal," "Practical,"), 764 Mather, Chicago, Ill.
Cassady Fairbank Mfg. Co. ("Raven," "Blackbird," "White Bird," "Humming Bird"), 6126 S La Salle, Chicago, Ill.
Kohler Die & Specialty Co. ("Six-in-One"), De Kalb, Ill.
White Ira F. & Son Co., Bloomfield, N. J.

6915a—Kitchen Wire Goods

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Barth L. Son (Dirs.), Cooper sq., New York
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Heitler Kurt, 221 4th av, New York
Hotel Equipment Co., Atlanta, Ga.
Jamestown Hardware Co. (Jobbers), Jamestown, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

6916—Kits (Paint, Paste & Ink)

Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Ohio Pail Co. (Impervious), Middlefield, O.

6917— Kits (Pickle, Etc.)

Beaver Mills, Keene, N. H.

6918—Kits (Syrup, Honey, Etc.)

Pierpont Mfg. Co. (5 & 10 Gallon, Cypress), Savannah, Ga.

6919— Knapsacks

Boyle John & Co., 112 Duane, New York
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
Rosenson D. & Sons, 1600 Baronne, New Orleans, La.
Standard Stamping Co. (Spraying Solution), Huntington, W. Va.

6920— Kneaders (Batch)

Abbe Paul O. Inc., 924 Johnston bldg, New York
See adv index at end of book

Knees (Boat, Bob Sleigh, Etc.)

See Ship, Knees

6921— Knife-Backs

Cambria Steel Co. (No. 13, B. W. G. & Thicker), Widener bldg, Phila., Pa.

6922—Knife & Weeder (Asparagus)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cal. Plow Co., 140 H Polhenus, San Jose, Cal.

6923—*Knives (Apple Grinder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.
See adv index at end of book

6924— Knives (Asparagus)

Bateman Mfg. Co., Grenloch, N. J.

6925— Knives (Back Lathe)

Dowd R. J. Knife Works, Beloit, Wis.
Gage E. E. Mfg. Co., Gardner, Mass.
Gardner Machine Works, Gardner, Mass.
Simonds A. A. & Son Co., Dayton, O.

6926— Knives (Banana)

American Cutlery Co., 764 Mather, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. (Dexter), Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Murphy's R., Sons Co. ("R. Murphy's"), Ayer, Mass.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Parkhurst L. D., Danielson, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.
Weber Supply & Specialty Co. (Jobbers), 2250 So. Union av, Chicago, Ill.

6927— Knives (Band)

Aero Wks., Inc., 89 Warren, New York.
Henry & Allen (For Threshers), Auburn, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meriden Cutlery Co. (Sickle Edge), Meriden, Conn.

6928—Knives (Band Cutter & Self Feeder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.
See adv index at end of book
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meyer & Co., Throopsville, N. Y.

Knives (Bark Grinder)

See Knives, Wood Barking Machine

6929—Knives (Barrel Machine)

Aero Wks., Inc., 89 Warren, New York.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
Coes Loring & Co., Inc., Coes sq, Worcester, Mass. *See adv index at end of book*
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Worden Tool Co., 1854 Scranton rd, Cleveland, Ohio

6930—Knives (Bean Harvester)

American Knife Co., Baldwinsville, N. Y.
Glogau & Co., Great Lakes bldg, Chicago, Ill.

6931—Knives (Beet Topper)

Aero Wks., Inc., 89 Warren, New York.
See adv index at end of book
Atkins E. C. & Co., Indianapolis, Ind.
Clyde Cutlery Co., Clyde, O.
Disston Hy & Sons, Tacony, Phila., Pa.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Landers, Frary & Clark, New Britain, Conn.
Ontario Knife Co., Franklinville, N. Y.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6932— Knives (Belt)

Aero Wks., Inc., 89 Warren, New York.
American Tool & Machine Co. ("Crescent" for Leather Splitting Machines), 10 High, Boston, Mass.
Clemson Knife Co., Woburn, Mass.
Fowle John L., Reading, Mass.
Lyons Edw. S., Woburn, Mass.
Manufacturers Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.
Mulherin Belt Knife Co., Peabody, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stehling Chas. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

6933— Knives (Bench)

Kendrick-Davis Co. ("K.-D."), Lebannon, N. H.

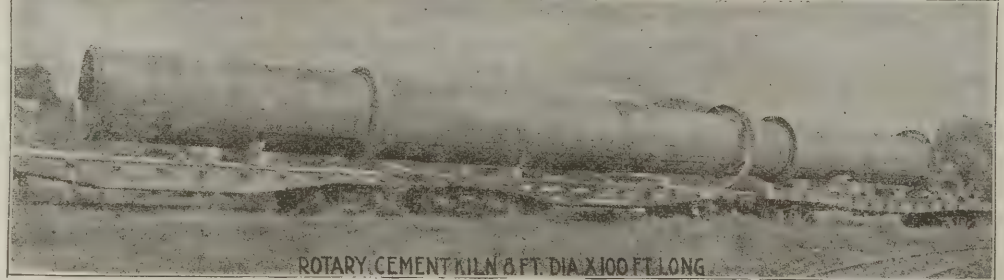
6934— Knives (Bone Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Glogau & Co., Great Lakes bldg, Chicago, Ill.

6935—Knives (Bookbinders')

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

KILNS



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WE BUILD ROTARY CEMENT KILNS, DRYERS AND COOLERS. STEEL PLATE CONSTRUCTION OF ALL KINDS. TANKS IN STOCK FOR PROMPT SHIPMENT

THE REEVES BROTHERS CO., ALLIANCE, OHIO

Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Latham Machinery Co., 1153 Fulton, Chicago, Ill.
Richard Stephen Co., Southbridge, Mass.
Simonds A. A. & Son Co., Dayton, O.

6936—Knives (Box Corner Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

6937— Knives (Bread)

American Cutlery Co., 764 Mather, Chicago, Ill.
Boker Cutlery & Hardware Co., Inc. (Importers), 101 Duane, New York
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Christy Knife Co., Fremont, O.
Clauss Shear Co. ("Clauss," Serrated & Plain), Fremont, O.
Clyde Cutlery Co., Clyde, O.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Dunn Edge Tool Co. ("Lightning"), Oakland, Me.
Goodell Co., Antrim, N. H.
Graef & Schmidt (Imported), 107 Chambers, New York
Harrington Cutlery Co. (Dexter), Southbridge, Mass.
Knickerbocker Mfg. Co. (Also Serrated Bread Knives), Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass
Landers, Frary & Clark ("Universal"), New Britain, Conn
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.
National Mfg. Co. & Steel Supply Co. ("Slick Cutter Serrated"), 781 Summit, Newark, N. J.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
North Wayne Tool Co. ("C. C. Brooks"), Hallowell, Me.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell Jno. Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

6938— Knives (Brick)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

6939—Knives (Broom Corn)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hyde Mfg. Co., Southbridge, Mass.
Ontario Knife Co., Franklinville, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

6940— Knives (Burr)

Emrich Phil. (For Sheepskin Tanners), 824 Main, Cincinnati, O.

6941— Knives (Butchers')

Boning, Sticking, Cutting, Etc.

American Cutlery Co., 764 Mather, Chicago, Ill.
Barr Bros. Co. (Hand Made), Oakland, Cal.
Boker Cutlery & Hardware Co., Inc. ("Peppecorn," "Jno. Wilson's," Imported Knives & Steels), 101 Duane, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Clyde Cutlery Co., Clyde, O.
Enderes Inc., Albert Lea, Minn.
Emrich Phil., 824 Main, Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Goodell Co. ("Star"), Antrim, N. H.
Graef & Schmidt ("J. A. Henckel's Twin Works"), 107 Chambers, New York
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hollinger Cutlery Co., Fremont, O.
Kastor Adolph & Bros. ("Thomas Wilson," Knives & Steel), 109 Duane, New York
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co. ("L. & G."), Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Meriden Cutlery Co. ("Anvil Brand," "Razor Edge"), Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Nittinger Aug., Sr. (Est. of), 826 N. 4th Phila., Pa.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Pope T. J., Sauquoit, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Robeson Cutlery Co., Rochester, N. Y.
Russell John Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Woodworth Knife Works, Nunda, N. Y.
Westemholm Geo. & Son ("I X L" Imp), 105 Chambers, New York

6942— Knives (Candy)

Collins Co., Collinsville, Conn.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.

6943—Knives (Cane, Machettas, Etc.)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co. (Hand), Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Collins Co. (Hand), Collinsville, Conn.
Disston Henry & Sons, Inc., Tacony, Phila., Pa.
Simonds Mfg. Co. (Cane), Fitchburg, Mass.
See adv index at end of book

6944— Knives (Carpet)

Harrington T. J., Southbridge, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

6945— Knives (Carving)

American Cuttlery Co., 764 Mather, Chicago, Ill.
Boker Cutlery & Hardware Co., Inc. ("Tree Brand" Imported), 101 Duane, New York
Buffalo Knife Co., Buffalo, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co., Fremont, O.
Clauss Shear Co., Fremont, O.
Crescent Mfg. Co., Fremont, O.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Shelton Tool & Mach. Co., Shelton, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

6946— *Knives (Celluloid)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Simons A. A. & Son Co., Dayton, O.

6947—Knives (Chair Bottom)

Anderson Knife & Bar Co., Anderson, Ind.
Dowd R. J. Knife Works, Beloit, Wis.
Simons A. A. & Son Co., Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6948— Knives (Chamfer)

Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y *See adv index at end of book*
Oram John S. Co., 1316 E. 53rd, Cleveland, O.
Simons A. A. & Son Co., Dayton, O.
White L. & I. J. Co. (Right & Left & Beer Keg, etc), 120 Columbia, Buffalo, N. Y.

6949— Knives (Cheese)

American Cutlery Co., 764 Mather, Chicago, Ill.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. (For Family Use), Southbridge, Mass.
Herschel R. Mfg. Co., Peoria, Ill.
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

6950— Knives (Chipper)

Aero Wks., Inc., 89 Warren, New York.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6951— Knives (Chipping)

Anderson Knife & Bar Co., Anderson, Ind.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Stortz John & Son, Inc., 210 Vine, Phila., Pa.

6952— Knives (Chopping)

Browne W. F. Mfg. Co., Kingston, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co. ("Double Blade," etc.), 6126 S La Salle, Chicago, Ill.
Dover Stamping & Mfg. Co. (For Family Use), Cambridge, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Richard Stephen Co. (Meat), Southbridge, Mass.
Thayer Mfg. Co., Williamsburg, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6953— Knives (Cigar)

American Cutlery Co., 764 Mather, Chicago, Ill.
Decker E. F., Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Emrich Phil., 824 Main, Cincinnati, Ohio
Harrington T. J. ("Dexter"), Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.

6954— Knives (Circular)

Aero Wks., Inc., 89 Warren, New York.
Decker E. F., Saw Works, Albany, N. Y.
Disston Henry & Sons, Inc., (For Cork, Cloth, Leather & Paper), Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co. (For Cork, Cloth, Leather & Paper), Rochester, N. Y. *See adv index at end of book*
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

Knives (Clam)

See Knives, Oyster & Clam

6955—Knives (Cloth Cutting)

Decker E. F., Saw Works, Albany, N. Y.
Emrich Phil ("Emrich" Sheffield Silver Steel), 824 Main, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.

6956—*Knives (Clothes Pin)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6957—*Knives (Clover Huller)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6958— Knives (Cooperage)

See also Knives, Drawing

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6959— Knives (Cope Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works, (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6960—*Knives (Cord Wood Splitter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6961— Knives (Coring)

Ontario Knife Co. ("California"), Franklinville, N. Y.

6962— Knives (Cork)

Aero Wks., Inc., 89 Warren, New York.
Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F., Saw Works, Albany, N. Y.
Disston Henry & Sons, Inc. (Circular), Tacony, Phila., Pa.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Oldham New York Saw Works ("Oldham"), 112 26th, Bklyn, N. Y.
Parkhurst L. D., Danielson, Conn.
Simonds A. A. & Son Co., Dayton, O.

Knives (Corn Cutter)

See Knives, Hay & Corn Cutter

6963—Knives (Corn Harvester)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Disston Henry & Sons, Inc., Tacony, Phila, Pa.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
North Wayne Tool Co. ("H. S. Earle's"), Hallowell, Me.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6964—Knives (Cotton Seed Huller)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.

6965—*Knives (Cotton Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6966— Knives (Curd)

Burrell D. H. & Co., Little Falls, N. Y.

6967—Knives (Cylinder Huller)

French Oil Mill Machinery Co. ("Faherty," for Cottonseed Oil Mills, etc), Piqua, O.

6968— Knives (Dehorner)

American Knife Co., Baldwinsville, N. Y.
Phillips M. T. ("Keystone"), Pomeroy, Pa.
Ridgely Trimmer Co., Springfield, O.

6969— Knives (Dirk)

Dilts Machine Works (Inc.), Fulton, N. Y.
Novelty Cutlery Co., Canton, O.

6970—*Knives (Double Edge)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.

6971— *Knives (Dowel)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6972-3— Knives (Drawing)

Black John B. Co., Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York.
Buck Bros., Millbury, Mass.
Buhrke R. H. Co., 1250H Fullerton av, Chicago, Ill.
Disston Hy. & Sons (Carpenters, etc), Tacony, Phila., Pa.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
Jennings C. E. & Co. ("C. E. J. & Co.'s" "J. & G. Mfg. Co."), 71 Murray, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Ransome Concrete Machinery Co., Dunellen, N. J.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
Swan Jas. Co. ("Bradley" Pattern, "Swan" Folding Handle, etc), Seymour, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilkinson A. J. & Co. (Folding), 184 Washington, Boston, Mass.
Winsted Edge Tool Works ("T. H. Witherby"), Winsted, Conn.

6974— Knives (Ensilage)

American Knife Co., Baldwinsville, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.

6975— Knives (Excelsior)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Ohio Knife Co., Cincinnati, Ohio
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6976— Knives (Farriers')

Bagshaw & Field, 445 N 5th, Phila., Pa.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Challenge Cutlery Corp., Bridgeport, Conn.
Champion Tool Co. ("Keystone"), Meadville, Pa.
Heller Bros. Co. (Hoof), 870 Mt. Prospect av, Newark, N. J.
Pope T. J. ("Pope's"), Sauquoit, N. Y.
Woodworth Knife Works, Nunda, N. Y.

6977—Knives (Feather Curling)

Harrington Cutlery Co., Southbridge, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

6978— Knives (Fruit)

Glogau & Co., 466 Dickey bldg, Chicago, Ill.
Goodell Co., Antrim, N. H.
Meriden Cutlery Co. (Grape Fruit), Meriden, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

6979— Knives (Fur Cutter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Emrich Phil., 824 Main, Cincinnati, O.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6980-1—Knives (Gauge Lathe)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6982— *Knives (Handle)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6983—Knives (Harness Makers')

Glogau & Co., 466 Dickey bldg, Chicago, Ill.
Osborne C. S. & Co., Box 183 Newark, N. J. *See adv index at end of book*

C. S. OSBORNE & CO.

BOX 183 NEWARK, N. J.

Manufacturers of the most celebrated line of

Saddle and Harness Tools

in the world

There is a feeling of satisfaction in working with fine tools, as well as decided economy.

Established 1826

Rose Wm. & Bros., Sharon Hill, Pa.
Simonds A. A. & Son Co., Dayton, O.

6984— Knives (Hay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dunn Edge Tool Co. ("Holts' Lightning," "Blizzard"), Oakland, Me.
Erie City Mfg. Co. ("Arrow"), Erie, Pa.
Iwan Bros. ("Iwan's," Sickle & Serrated Waving Edge), South Bend, Ind.
North Wayne Tool Co., Hallowell, Me.
Swineford G. A. Co. ("Adjustable," "Canton Sickle Edge"), Canton, O.
Wallingford Mfg. Co. ("Lightning" Pattern, "Heath" Pattern), Wallingford, Vt.
Winsted Mfg. Co. (Hand), Winsted, Conn.

6985—Knives (Hay & Corn Cutter)

American Axe & Tool Co., Glassport, Pa.
American Knife Co., Baldwinsville, N. Y.
Bateman Mfg. Co. ("The Eureka"), Grenloch, N. J.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hankey A. & Co., Rochdale, Mass.
Henry & Allen, Auburn, N. Y.
Ney Mfg. Co. ("American" Hay Sickle Edge), Canton, O.
North Wayne Tool Co. ("C. C. Brooks' & "H. S. Earle's"), Hallowell, Me.
Reschke Machine Works Co. (Hay & Alfalfa), Wichita, Kans.
Wadsworth David & Son, Auburn, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wallingford Mfg. Co. ("Western King," "Keystone," "Daisy Clipper"), Wallingford, Vt.
Winsted Mfg. Co., Winsted, Conn.

6986— *Knives (Header)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6987—Knives (Hedge & Root)

Atkins E. C. & Co., Indianapolis, Ind.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Clyde Cutlery Co., Clyde, O.
Disston Henry & Sons ("Champion"), Tacony, Phila., Pa.
Evansville Tool Works (Axle Handle), Evansville, Ind.
Glogau & Co., 466 Dickey bldg, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

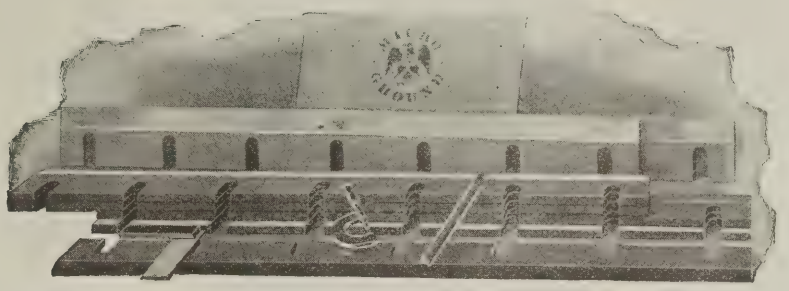
6988—Knives (High Speed Steel)

Aero Wks., Inc., 89 Warren, New York
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6989— Knives (Hog)

Aero Wks., Inc., 89 Warren, New York.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Dowd R. J. Knife Wks., Beloit, Wis.
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Simonds A. A. & Son Co., Dayton, O

ESTABLISHED 1830



TRADE MARK REGISTERED MICRO-GROUND U.S. PATENT OFFICE

MACHINE KNIVES

The ACME of ACCURACY

COES WARRANT (written) AND THE BEST OF MATERIAL

WRITE

LORING COES & CO., Incorporated

NEW YORK OFFICE
W. E. ROBBINS, Mgr.
23-25 E. 26th ST., NEPTUNE, BLDG.

DEPT. COES WRENCH CO.
Worcester, Mass., U. S. A.

6990— . Knives (Hoop)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbus, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

6991-2—*Knives (Hoop Machine)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.

Knives (Jointer)

See Knives, Wood Working Machine

6993—Knives (Kitchen, Paring, Etc.)

American Cutlery Co. ("Famous," etc), 764 Mather, Chicago, Ill.
Barr Bros. Co. (Hand Made), Oakland, Cal.
Boker Cutlery & Hardware Co., Inc. ("Gifford's" Razor Blade, Paring & Slicing), 101 Duane, New York
Browne W. G. Mfg. Co. ("Acme" "Elite"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("B. & D. Co."), Meriden, Conn.
Buffalo Knife Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. ("Lincoln"), 6126 S La Salle, Chicago, Ill.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. ("Christy," "Eclipse"), Fremont, O.
Clyde Cutlery Co., Clyde, O.
Crescent Mfg. Co., Fremont, O.
Divine Dwight & Sons ("Ulster"), Ellenville, N. Y.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Emrich Phil., 824 Main, Cincinnati, O.
Enderes, Inc., Albert Lea, Minn.
Fallor Martin Corp., 233 B'way, New York
Foster Bros. & Chatillon Co., Fulton, N. Y.
Gibford Weiffenbach Co. ("Razor Blade") Adrian, Mich.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Goodell Co. (Paring), Antrim, N. H.
Graef & Schmidt ("Twin" Brand, Imported), 107 Chambers, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lothrop H. A. & Co., Sharon, Mass.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Murphy's Robt. Sons Co. ("R. Murphy's") Ayer, Mass.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D. ("Own Brand," "L. D. P."), Danielson, Conn.
Republic Metalware Co., Buffalo, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell Jno. Cutlery Co., Turners Falls, Mass.
Teller R. K., Unadilla, N. Y.
Tie Co. ("Teller"), Unadilla, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith," "Blitz"), Watertown, Wis.
White Ira F. & Son Co. (Also Slotted), Bloomfield, N. J.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

6994—Knives (Lawn Mower)

Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Hardy L. Co., Worcester, Mass.

6995—Knives (Leather Splitting)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Emrich Phil., 824 Main, Cincinnati, O.
Hankey A. & Co., Rochdale, Mass.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Lovejoy D. & Son, Lowell, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Osborne C. S. & Co. (Harness Makers, etc), Box 183, Newark, N. J.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co, 120 Columbia, Buffalo, N. Y.

6996— *Knives (Linotype)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6997—Knives (Listing Jointer)

COES LORING & CO. (INC.), Coes sq Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co. (Listing Only), N. Summit & Negley pl, Dayton, Ohio

6998—Knives (Lithograph Stone)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.

6999— *Knives (Logwood)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7000—*Knives (Loom, Axminster)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7001—*Knives (Loom, Carpet)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7002— Knives (Machine)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.
Bolton John W. & Sons, Inc., Lawrence, Mass.
California Saw Works, 721 Brannan, San Francisco, Cal.
Chattanooga Saw Works, Chattanooga, Tenn.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.

KNIVES (MACHINE)—continued
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Daniels Machine Co., S. Royalton, Vt.
Decker E. F., Saw Works, Albany, N. Y.
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila, Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Eagle Knife & Bar Co., Lawrence, Mass.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart J. E., Williamsport, Pa.
Gage E. E. Mfg. Co., Gardner, Mass.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Hardisty & Co., Garland, Linwood, Cincinnati, O.
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Highland Machine Co., 56 Kemble Rox, Boston, Mass.
Holyoke Bar Co., Holyoke, Mass.
Horne J. H. & Sons Co. (Planing, etc), Lawrence, Mass.
Huther Bros. Saw Mfg. Co. (High Speed Steel Planer Knives), Rochester, N. Y.
See adv index at end of book
Kaiser F. C. & Son, Muncie, Ind.
Kentucky Saw Works, Louisville, Ky.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Lovejoy D. & Son, Lowell, Mass.
Lloyd John Co., 124 Baxter, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Moss Arthur J., 178 Centre, New York
Munson Co., Grand Rapids, Mich.
Ohio Knife Co., Cincinnati, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
Penfield Saw Works, Bristol, Conn.
Phillips F. R. & Sons Co., Penna. bldg, Phila, Pa.
Russell John B. Knife Works, Naponoch, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Snell & Atherton, Brockton, Mass.
Southern Saw Wks, East Point, Ga.
Taylor, Stiles & Co., Riegelsville, N. J.
Toland & Son, 232 Front, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Wapakoneta Machine Co., Wapakoneta, O.
Webb-Baxter Co., Anderson, Ind.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.
York Saw Works, York, Pa.

Knives (Machine, Wood Cutting)

See Knives. Wood Working Machine

7003— Knives (Manicure)

Du Pont E. I. de Nemours & Co., Inc., "Pyralin" Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

Knives (Matcher)

See Knives, Wood Working Machine

7004—*Knives (Meat Slicer)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7005—Knives (Metal Shear)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.

7006— Knives (Mincing)

Arcade Mfg. Co., Freeport, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Browne & Dowd Mfg. Co. ("B & D Co."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clauss Shear Co., Fremont, O.
Forsyth Metal Goods Co., E. Aurora, New York
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Knickerbocker Mfg. Co., Belleville, N. J.
Landers, Frary & Clark, New Britain, Conn.
Parks & Parks, Troy, N. Y.
Potter Mfg. Co. ("Potter"), Geneva, O.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Udell Works ("Clauss"), Indianapolis, Ind.

7007— Knives (Mitre)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

7008—Knives (Mower & Reaper)

Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

7009— Knives (Oil Cloth)

American Cutlery Co., 764 Mather, Chicago, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Disston Hy. & Sons, Tacony, Phila., Pa.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Judson Cutlery Co., 41 Union sq, New York
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Kimball C. J. Co., Bennington, N. H.
OSBORNE C S. & CO., Box 183, Newark, N. J. *See adv index at end of book*
Parkhurst L. D., Danielson, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Tusk Mfg. Co., Brockton, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

7010— *Knives (Overlay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7011—Knives (Oyster & Clam)

Allen D. S., Port Lavaca, Tex.
Bagshaw & Field, 445 N 5th, Phila, Pa.
Bannister R. F. & Co., Newark, N. J.
Carver Tool Works (Carver's), Spring Valley, N. Y.
Clyde Cutlery Co., Clyde, Ohio
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Emrich Phil. (N. Y., Style), 824 Main, Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Harrington T. J. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Ontario Knife Co., Franklinville, N. Y.
OSBORNE C. S. & CO., Box 183, Newark, N. J. *See adv index at end of book*
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S R"), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Thayer Mfg. Co., Williamsburg, Mass.
Tuck Mfg. Co., Brocton, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

7012— Knives (Painters')

Glogau & Co., Great Lakes bldg, Chicago, Ill.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, ("Universal"), New Britain, Conn.
Ridgely Trimmer Co., Springfield, O.
Russell John Cutlery Co. (Palette, Hacking, Gilding, etc.), Turners Falls, Mass.

7013—*Knives (Panel Raising)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

7014— Knives (Paper)

Aero Wks., Inc., 89 Warren, New York.
Atkins E. C. & Co., Indianapolis, Ind.
Celluloid Co., 36 Washington Pl., New York.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Decker E. F., Saw Works, Albany, N. Y.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hardy Wallace L. (Rotary, Joliet, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Parkhurst L. D., Danielson, Conn.
Russell John Cutlery Co. (Green River Works), Turners Falls, Mass.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tiley, Pratt Co., Essex, Conn.

7015—Knives (Paper Box Machine)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.

7016—Knives (Paper Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Ohio Knife Co. (The), Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7017—Knives (Paper Hangers')

American Cutlery Co., 764 Mather, Chicago, Ill.
Clyde Cutlery Co., Clyde, O.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Harrington T. J. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Murphy's Robt. Sons Co. ("R. Murphy's"), Ayer, Mass.
Northampton Cutlery Co., Northampton, Mass.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Ridgely, Trimmer Co., Springfield, O.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

Knives (Paring)

See Knives, Kitchen, Paring, etc.

7017a— *Knives (Planer)

HUTHER BROS. SAW MFG. CO., Rochester, N. Y. *See adv index at end of book*

7018—Knives (Planing Machine)

Aero Wks., Inc., 89 Warren, New York.
American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Chattanooga Saw Works, Chattanooga, Tenn.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Decker E. F. Saw Wks, Albany, N. Y.
Detroit Edge Tool Works, 740 E Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Gage E. E. Mfg. Co., Gardner, Mass.
Hankey A. & Co. (Thin, High-Speed Steel), Rochdale, Mass.
Hardisty & Co., Garland, Linwood, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lancaster Machine & Knife Works, Lancaster, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Knife Co., Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wolverine Saw Co., 522 E. Fort, Detroit, Mich.
Worden Tool Co., 1854 Scranton road, Cleveland, O.

7019— *Knives (Plush)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7020— Knives (Pocket)

Aerial Cutlery Mfg. Co., Marinette, Wis.
Bannister A. F. & Co., 56 Summer av, Newark, N. J.
Boker Cutlery & Hardware Co. Inc., 101 Duane, New York
Cal. Notion & Toy Co., 555H Market, San Francisco, Cal.
Canton Cutlery Co. ("Car-Van" Steel Blade), Canton Ohio
Cattaraugus Cutlery Co., Little Valley, N. Y.
Challenge Cutlery Corp., Bridgeport, Conn.
Chatillon Jno. & Sons, 85 Cliff, New York.
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Clay Cutlery Co., Andover, N. Y.
Cronk & Currier Mfg. Co., 150 Lake, Elmira, N. Y.
See adv index at end of book
Divine Dwight & Son, Ellenville, N. Y.
Dolphin Cutlery Co., 3 W 29, New York
Dunn & Rodenberg (Gold Filled), Baker, Providence, R. I.
Empire Knife Co., Winsted, Conn.
Foster Bros. & Chattillon Co., Fulton, N. Y.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Holley Mfg. Co., Lakeville, Conn.
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch F. A. & Co., 524 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Marble Arms & Mfg. Co., Gladstone, Mich.
Miller Bros. Cutlery Co., Meriden, Conn.
Napanoch Knife Co., Napanoch, N. Y.
N. J. Cutlery Co. ("American Ace"), 19th av & 16th, Newark, N. J.
N. Y. Knife Co., 225 5th av, New York
Northfield Knife Co., Northfield, Conn.
Novelty Cutlery Co., Canton, O.
Poughkeepsie Cutlery Wks., Inc., Poughkeepsie, N. Y.
Remington Arms Co., Inc., 233 Broadway, New York
Robeson Cutlery Co., Rochester, N. Y.
Russell John Cutlery Co., Turners Falls, Mass.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Schrade Cutlery Co., Walden, N. Y.
Silberstein A. L. ("Griffon" Imp.), 600 W. 157, New York
Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
Sperry & Alexander Co., 79 Chambers, New York
Thomaston Knife Co. (Combination), Thomaston, Conn.
Ulery U. J. Co. (Napanoch), 258 Broadway, New York
Union Cutlery Co., 10th & Wayne, Olean, N. Y.
Utica Cutlery Co., Utica, N. Y.
Valley Forge Cutlery Co., Newark, N. J.
Walden Knife Co., Walden, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

7021— Knives (Pruning)

Barr Bros. Co. (Also Shears), Oakland, Cal.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
See adv index at end of book
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Henry John T. Mfg. Co., Hamden, Conn.
Holley Mfg. Co., Lakeville, Conn.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Tuck Mfg. Co., Brockton, Mass.

7022— Knives (Pug Mill)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel, Dept H, 14th & State, Chicago Heights, Ill.
United Iron Works, Inc., Kansas City, Mo.

7023— Knives (Putty)

American Cutlery Co., 764 Mather, Chicago, Ill.
Bridgeport Hardware Mfg. Corp. ("Bridgeport"), Bridgeport, Conn.
Browne & Dowd Mfg. Co. ("B. & D. Co."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Fletcher, Terry Co., Forestville, Conn.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Ridgely, Trimmer Co., Springfield, O.
Russell John Cutlery Co., Turners Falls, Mass.
White Ira F. & Son Co., Bloomfield, N. J.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

7024— Knives (Rag Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Dunn Edge Tool Co. ("Clipper"), Oakland, Me.
Hankey A. & Co., Rochdale, Mass.
Holyoke Bar Co., Holyoke, Mass.
Ohio Knife Co. (The), Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7025— *Knives (Rand)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7026-7— Knives (Rattan)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.

7028— Knives (Roll Scraper)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E. Woodbridge, Detroit, Mich.
Simonds A. A. & Son Co., Dayton, O.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

Knives (Root)

See Knives, Hedge & Root

7029— Knives (Rotary)

Glogau & Co., Great Lakes bldg., Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

7030— Knives (Rubber)

American Cutlery Co., 764 Mather, Chicago, Ill.
Disston Hy. & Sons, Tacony, Phila., Pa.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Hyde Mfg. Co., Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Simonds A. A. & Son Co., Dayton, O.
Tuck Mfg. Co. (For Heavy Electrical Rubber Goods), Brockton, Mass.

7031— Knives (Salmon)

Barr Bros. Co. (Hand Made), Oakland, Cal.

7032— Knives (Sardine)

International Silver Co., Meriden, Conn.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book

7033— Knives (Scallop)

Graef & Schmidt (Imported), 107 Chambers, New York
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

7034— Knives (Scarfer)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7035— Knives (Scraper)

Aero Wks., Inc., 89 Warren, New York.
American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Knickerbocker Mfg. Co., Belleville, N. J.
Landers, Frary & Clark, New Britain, Conn.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

7036—Knives (Shear Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

7037— Knives (Shingle)

Atkins E. C. & Co., Indianapolis, Ind.
Barnett Oscar Foundry Co., Irvington, N. J.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Simonds A. A. & Son Co., Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7038— Knives (Shoe)

American Cutlery Co., 764 Mather, Chicago, Ill.
Bailey G. W. Co. (Amazeen), Brockton, Mass.
Boker Cutlery & Hardware Co. ("Peppercorn"), 101 Duane, New York
Brooks John Co. (Amazeen), Brockton, Mass.
Christensen H. M. Co., Brockton, Mass.
Emrich Phil., 824 Main, Cincinnati, O.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hyde Mfg. Co., Southbridge, Mass
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Meriden Cutlery Co., Meriden, Conn.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Ontario Knife Co., Franklinville, N. Y.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Snell & Atherton, Brockton, Mass.
Standard Shoe Machinery Co., Lawrence, Mass.
Tuck Mfg. Co. ("S. V. Tuck," "T. M. Co." "Black Diamond"), Brockton, Mass.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
White Ira F. & Son Co., Bloomfield, N. J.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

7039— Knives (Shredder)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Henry & Allen, Auburn, N. Y.
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.

7040— Knives (Skiver)

Brooks John Co., Brockton, Mass.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Perkins Chas. P., Brockton, Mass.

7041—*Knives (Slaw & Vegetable)

COES LORING & CO. (INC.), Coes sq Worcester, Mass.
See adv index at end of book

7041a—Knives (Sloyd & Carvers)

Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Wostenholm Geo. & Son ("I. X. L."), 105 Chambers, New York

7042—Knives (Solid Steel Shear)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Glogau & Co., Great Lakes bldg., Chicago, Ill.

KNIVES (SOLID STEEL SHEAR)—cont.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Simonds A. A. & Son Co., Dayton, O.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

7042a—*Knives (Special for Cutter Heads)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

7043—*Knives (Spiral, Of All Classes)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7044—*Knives (Spiral Tenon)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, Ohio

7045— *Knives (Splitter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, Ohio

7046— Knives (Spoke Lathe)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Hankey A. & Co., Rochdale, Mass.
Simonds A. A. & Son Co., Dayton, O.

Knives (Sportsmen's)

See Knives & Dirks, Hunting

7047— Knives (Stave Cutter)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7048— *Knives (Stereotype)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7049— Knives (Stop Cutter)

Aero Wks. Inc., 89 Warren, New York
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Taylor, Stiles & Co., Rieglesville, N. J.

Knives (Straw Cutter)

See Knives, Hay & Corn Cutter

7050-1— Knives (Striking)

Atkins E. C. & Co., Indianapolis, Ind.

Knives (Table, Silver Plated)

See Silverware, Table

7052—*Knives (Tack Machine)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7053—Knives (Tanners' Skiving)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Foster Bros & Chatillon Co., Fulton, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

7054—*Knives (Textile Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, Ohio

7055— Knives (Tobacco)

Aero Wks. Inc., 89 Warren, New York
American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
Clyde Cuttlery Co. (Beech Handle), Clyde, Ohio

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, 740 E Woodbridge, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Landers, Frary & Clark (Hand), New Britain, Conn.
NICHOLS BROS. ("Nichols Bros.") Greenfield, Mass.
Nichols' W. E. Sons Co., 52 Mill, Greenfield, Mass.
Northampton Cutlery Co. (Hand), Northampton, Mass.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
Russell Jno. B. Knife Works ("Diamond Eagle"), Napanoch, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tuck Mfg. Co. (Hand), Brockton, Mass.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7056— Knives (Veneer)

Aero Wks. Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Edge Tool Works, 740 E Woodbridge, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Loyd John Co., 124 Baxter, New York
Ohio Knife Co., Cincinnati, Ohio.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N Y
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7057— Knives (Weeding)

Glogau & Co., Great Lakes bldg., Chicago, Ill.

7058—Knives (Wood Barking Machine)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works, (Inc.) Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Mitts & Merrill, Saginaw, Mich.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Knives (Wood Flooring Machine)

See Knives, Wood Working Machine

7059— Knives (Wood Pulp)

Aero Wks. Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works, (Inc.) Fulton, N. Y.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Ohio Knife Co., Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Knives (Wood Surfacing Machine)

See Knives, Wood Working Machine

Knives (Wood Tenoning Machine)

See Knives, Wood Working Machine

7060—Knives (Wood Working Machine)

Aero Wks. Inc., 89 Warren, New York
American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Decker F. W. Saw Works, Albany, N. Y.
Detroit Edge Tool Works, 740 E Woodbridge, Detroit, Mich.
Dilts Machine Works, (Inc.) Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart, J. E., Williamsport, Pa.
Gage E. E. Mfg. Co., Gardner, Mass.
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.
Horne J. H. & Sons Co., Lawrence, Mass.
Huther Bros. Saw Mfg. Co. (Surfacing), Rochester, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, New York
Ohio Knife Co., Cincinnati, Ohio.
Redin, Ekstrom & Co., Rockford, Ill.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7060a— *Knives (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7061—Knives & Cutters (Serrated)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

7062—Knives & Dirks (Hunting)

American Cutlery Co., 764 Mather, Chicago, Ill.
Cattaraugus Cutlery Co. ("King of the Woods"), Little Valley, N. Y.
Collins Co. (Bower), Collinsville, Conn.
Clyde Cutlery Co. Clyde, Ohio
Glogau & Co., Great Lakes bldg., Chicago, Ill.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand"), 107 Chambers, New York
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Marble Arms & Mfg. Co. ("Sportsman's Camp, "Sportsman's Fish" and "Expert" and "Ideal" Hunting), Gladstone, Mich.
Meriden Cutlery Co., Meriden, Conn.
Miller Bros. Cutlery Co., Meriden, Conn.
NICHOLS BROS. ("Nichols Bros. Knives"),
Glogau & Co. (Forks), 466 Dickey bldg, Chicago, Ill.
Northfield Knife Co., Northfield, Conn.
Northampton Cutlery Co., Northampton, Mass.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Schatt & Morgan Cutlery Co., Titusville, Pa.

7063—Knives & Forks (Aluminum)

Glogau & Co. (Forks), Great Lakes bldg., Chicago, Ill.
Republic Metalware Co., Buffalo, N. Y.
Standard Aluminum Co., Two Rivers, Wis.

7064—Knives & Forks (Tinned)

Benedict Mfg. Co., East Syracuse, N. Y.

7064a— Knobs (Adding Machine)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book

7064b— Knobs (Base)

See also Door Bumpers; also Door Stops
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7064c— Knobs (Bird Cage)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7065— Knobs (Carpet)

Wilcox, Crittenden & Co., Inc. (Brass Heads, Wrought Nails; also Grommets), Middletown, Conn.
See adv index at end of book

7066— Knobs (Carriage)

Brewer-Titchener Corp., The, Binghamton, N. Y.
Cowles C. & Co., New Haven, Conn.
Crandal-Stone Dix (The Brewer-Titchener Corp., Binghamton, N. Y.
Monarch Carriage Goods Co., Cincinnati, Ohio
Neider F. A. & Co., Dept. H, Augusta, Ky.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

7066a— Knobs (Closet)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7066b— Knobs (Cover)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7066c— Knobs (Door)

See also Door Knobs, Various Kinds; **also Classifications Following.**
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Ford Hardware Co., Inc. (Imp.), 25 W. 25th, New York
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7067—Knobs (Drawer & Shutter)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co. (also Cupboard), East Rochester, N. Y.
Corbin P. & F. New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
GRAND RAPIDS BRASS CO. (Drawer Only), Grand Rapids, Mich.
See adv index at end of book
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co. (Drawer), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Taylor & Boggis Foundry Co., Cleveland, O.
Tru Lite Mfg. Co. ("Tru Lite" Metal Drawers), Dept. H, Bradford, Pa.

7067a— Knobs (Enameled)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7067b— Knobs (Furniture)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7068—Knobs (Glass, Door, Drawer, Etc.)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin P. & F., New Britain, Conn.
Duer John & Sons, 36 So Charles, Baltimore, Md.
Ford Hardware Co., Inc. (Imp.), 25 W. 25th, New York
Graham & Berwin, 107 Lafayette, New York
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Hall Wm. Co., Wollaston, Mass.
New York Glass Knob Wks (Doors only), 79 E. 130th, New York
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Tru Lite Mfg. Co. ("Tru Lite"), Dept. H, Bradford, Pa.
Weber-Knapp Co. (For Furniture and Phonographs), Jamestown, N. Y.

7069— Knobs (Grommet)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7069a— Knobs (Kettle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7070— Knobs (Organ Stop)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Gibbs W. F. Mfg. Co., New Haven, Conn.
Stevenson Mfg. Co. (Also Register), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7071— Knobs (Plane)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7072—Knobs (Pot Cover Repair)

Cassady Fairbank Mfg. Co. (Wood Handle, Enameled Black), 6126 S La Salle, Chicago, Ill.
Ellis Mfg. Co., Millidale, Conn.
ESTES E. B. & SONS ("Handy"), 364 5th av, New York
See adv index at end of book
Graham & Berwin ("Indian Head", "Grawin," "Ideal," "Yankee"), 107 Lafayette, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7073— Knobs (Push Button)

Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book

7074— Knobs (Screen)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7075— Knobs (Stove Door)

Fanner Mfg. Co. (Spun Steel), Cleveland, Ohio
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
New York Nickel Plating & Mfg. Co., 327 E 63d, New York
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stover Mfg. & Engine Co. ("Ideal," Nickel Plated wire, etc), Freeport, Ill.
Troy Nickel Works, Albany, New York
Wehrle Co., Newark, Ohio

7076—Knobs (Wooden, Door, Drawer, Etc.)

Allen Chas. I (Furniture), Pequabuck, Conn.
Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper, Inc. (Base, Bird Cage, Closet Door, Drawer, Cover, etc), 57 Barclay, New York
See adv index at end of book
Chantrell Hardware & Tool Co., Reading, Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847
E. B. ESTES & SONS
Manufacturers of
TURNED WOOD KNOBS, Plain, Polished, Enameled
Repair Knobs, Furniture Knobs, Plane Knobs, etc. Base Knobs a Specialty
364 5th Ave. New York City

Frary Mfg. Co., Charlemont, Mass.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*

7076a—Knobs (Wooden Drawer)

Estes E. B. & Sons, (Chest, Enameled, Desk, Adding Machines, Bird Cage, Closet, Furniture, Kettle, Plane, Door), 364 5th av, New York
See adv index at end of book

Mossman Jerome Estate (Organ, Rattan Chair, Go-Carts, etc.), Fitchburg, Mass.
National Lock Co. (For Furniture, etc.) Rockford, Ill.
Novelty Turning Co., Norway, Me.
Piqua Handle & Mfg. Co. (Also "Bardsley" Lines), P. O. Box 307, Piqua, O.
Rowe Henry Mfg. Co., Newaygo, Mich.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stevenson Mfgr. Co. (Furniture, etc., Wholesale Mfrs.), South Bend, Ind.
See adv index at end of book
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Tru Lite Mfg. Co. ("Tru Lite"), Dept. H, Bradford, Pa.
Weber-Knapp Co. (For Furniture & Phonographs), Jamestown, N. Y.

7077— Knockers (Door)

Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Ford Hardware Co., Inc. (Imp.), 25 W. 25th, New York
Hall Wm. Co., Wollaston, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Hubley Mfg. Co. (Fancy), Lancaster, Pa.
Janusch Mfg. Co., 496 E 13th, New York
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Rostand Mfg. Co. ("Rostand," also miniature for Guest Room), Milford, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Taylor & Boggis Foundry Co., Cleveland, Ohio.

7078— Knuckles (Steel)

American Steel Foundries (Open Hearth), McCormick bldg, Chicago, Ill.
Buckeye Steel Castings Co., (Cast Steel) Columbus, O.
Chester Steel Casting Co., Chester, Pa.
Gould Coupler Co., 30 E 42nd, New York
National Car Coupler Co. ("Hinson Emergency"), 332 S Michigan av. Chicago, Ill.
National Steel Casting Co., Montpelier, Ind.

7079— Knuckles (Steering)

Bonney Forge & Tool Works, Allentown, Pa.
Irvington Mfg. Co. (Drop Forged), Irvington, N. J.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Williams J. H. & Co., (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7080— Knurl Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.

7081— Knurls

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Screw Co. (Wrench), Twightwee, Cincinnati, O.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Williams J. H. & Co. ("Agrippa"), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7082— Kominuters

Fuller-Lehigh Co. (Lining Plates), Fullerton, Pa. *See adv index at end of book*
Smidth F. L. & Co., 50 Church, New York

7083— Krushite

Frenier & Son (For Sawing Stone), Rutland, Vt.

7084— Kryolith

Fergusson Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Penna. Salt Mfg. Co. (Sole Importers of Greenland), Widener bldg, Philadelphia, Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sundheimer Henry (Artificial), 103 Park av, New York
Vitro Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Jobbers), 272 Green, Brooklyn, N. Y.

7085— Label Mfrs.

American Label Co., 216 W 18th, New York
American Label Mfg. Co., Cross & Covington, Baltimore, Md.
Arnold's J. H, Son (Embossed Metal), 47 Fulton, New York
Braithwaite C. W. Co. (Paint Mfrs., etc.), 300 S Racine av, Chicago, Ill.
Carrington Geo. S. Co., 2340 W Van Buren, Chicago, Ill.
Chicago Label & Box Co., 312 N May, Chicago, Ill.

LABEL MFRS.—continued
Chicago Tape & Label Co. (Linen), 521 N Spaulding av, Chicago, Ill.
Colorprint Label Co., 125 S 8th, St. Louis, Mo.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dickey-Grabler Works (Metal for all Purposes), W Madison & 103d, Cleveland, Ohio
Diepress Co. (Multicolor), Dept. H, Cazenovia, N. Y.
Dunston of Dunkirk, Inc., Dunkirk, N. Y.
Eagle Lithographing Co. (Small Colored), 1672 Providence, Cinn., O.
Freeman Leon ("Freeman"), For Wearing Apparel, 404 S Wells, Chicago, Ill.
Friesleben & Armstrong, Inc. (Lithographed Paper), 124 White, New York
Gail Robt. Co., 50 Washington, Brooklyn, N. Y.
Gugler Lithographic Co. (Lithographed, etc.), 696 Broadway, Milwaukee, Wis.
Illinois Glass Co. ("Diamond I"), 402 W Randolph, Chicago, Ill.
Jarden Lithographing Co. (Lithographed Stock Labels), 310 N 11th, Phila., Pa.
Kirk-Cogeshall Co., 1740 Huron, Milwaukee, Wis.
Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.
Milwaukee Gummed Label & Seal Co., Milwaukee, Wis.
Mott Wallace A. (Plain & Printed), Norwalk, Conn.
Oval & Koster (Lithographed, etc), Indianapolis, Ind.
Perfection Mfg. Co. (Florist's), Penobscot bldg, Detroit, Mich.
RANDOLPH BOX & LABEL CO., 834 W Van Buren, Chicago, Ill.
See adv index at end of book
Ryan J. D. Co. (Lithographed), 735 Central av, Cleveland, O.
Sackett & Wilhelms Corp., Grand & Morgan av., B'klyn, N. Y.
St. Louis Label Works (Druggists), 925 N 11th, St. Louis, Mo.
St. Lopis Sticker Co., 1627 Washington av, St. Louis, Mo.
Scharf Tag & Label Co. (Gum), Ypsilanti, Mich.
Simpson & Doeller Co., 2800 Preston, Baltimore, Md.
U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.
Waldorf Paper Products Co. (Canners, etc.), St. Paul, Minn.
Woodbury Label Co. (Druggists'), Woodstock, Vt.
Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7086— Labels (Canners')

American Label Co., 216 W 18th, New York
American Label Mfg. Co., Cross & Covington, Baltimore, Md.
Dunston of Dunkirk, Inc., Dunkirk, N. Y.
Gair Robt. Co., 50 Washington, Brooklyn, N. Y.
Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.
Oval & Koster, Indianapolis, Ind.
Redlich Mfg. Co., 637 to 647 W Oak st, Chicago, Ill.
Simpson & Doeller Co., 2800 Preston, Baltimore, Md.
U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.
Waldorf Paper Products Co., St. Paul, Minn.
Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7087—Labels (Florists & Nurserymen's)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book

7088— Labels (Gummed)

Anderson W. J. & Co., 341 B'way, New York
Eastern Pin Ticket & Tag Co. (On the Roll), Perkasie, Pa.
Eisler Anthony & Co., 227 Canal, New York
Eureka Spec. Printing Co., Scranton, Pa.
Fenton Label Co., 9th & Thompson, Philadelphia, Pa.
Grand Rapids Label Co. ("Sictite" Advertising Stickers), Grand Rapids, Mich.
Keller Printing Co., 295 Lafayette, New York
Keystone Printed Specialties Co., 325 Pear, Scranton, Pa.
Manhattan Roll Label Co. (In Rolls), 31 Beekman, New York
McCourt Label Cabinet Co., Bradford, Pa.
Milwaukee Label & Seal Co. ("Julian"), 161 Michigan, Milwaukee, Wis.
National Binding Machine Co., 260 West, New York
Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Shuman Frank G. (Rolls, Pads, Loose, die cut & embossed), 216 N. Clinton, Chicago, Ill.
Standard Publishing Co., Vineland, N. J.
St. Louis Sticker Co. (Advertising, Shipping & Price Stickers), 1027 Washington av, St. Louis, Mo.
Tablet & Ticket Co., 624 W Adams, Chicago, Ill.
Thomas Stationery Mfg. Co., Springfield, O.

7088a—*Labels (Plant & Tree, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

7089— Labels (Underwear)

Clark R. S. & Son, Cohoes, N. Y.
Freeman Leon, 404 S Wells, Chicago, Ill.
Woodward & Tiernan Printing Co., 309 N. 3rd, St. Louis, Mo.

7090— Labels (Wood)

Kirschbraun Lester (Pavement Materials), 160 N. Wells, Chicago, Ill.

7091— Labels (Woven)

Alkahn Silk Label Co., 116 W 32d, New York
American Silk Label Mfg. Co. (Silk), 116 W 32d, New York
Artistic Weaving Co. (Cotton & Silk), 146 W 36th, New York
Buffalo Woven Label Works (Silk & Cotton), 565 Washington, Buffalo, N. Y.
Cash J. & J. Ltd. (Silk & Cotton), South Norwalk, Conn.
Empire State Silk Label Co. (Silk & Cotton), 218 Tyler, West New Brighton, N. Y.
Freeman Leon (Cotton), 404 S Wells, Chicago, Ill.
German Artistic Weaving Co. (Silk), 141 W. 36th, New York
Hamilton Web Co. (Jacquard Name Straps for Boots & Shoes), Hamilton, R. I.
Hercules Mfg. Co. (Silk), Midvale, N. J.
Kluge E. H. Weaving Co. (Cotton & Silk), 33 W 34th, New York
Loth Joseph & Co. (Silk), Norwalk, Conn.
N. Y. Woven Label Mfg. Co. (Silk), 45 W 34th, New York
Reis G. & Bro. (Cotton & Silk), 900 B'way, New York
Star Ribbon Mfg. Co. (Silk), 456 4th av, New York
U. S. Woven Label Co. (Cotton), 45 W 34th, New York
Universal Label Weaving Co. (Silk), Paterson, N. J.
Warner Mfg. Co. (Silk), Paterson, N. J.

7092—Laboratories (Chemical & Physical)

See also Laboratories, Testing

Booth, Garrett & Blair, 406 Locust, Phila., Pa.
Crowell & Murray, Perry-Payne bldg, Cleveland, O.
HUNT ROBERT W. & CO., 175 W. Jackson blvd., Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7093—Laboratories (Testing)

Allentown Testing Laboratory (Cement, etc), Allentown, Pa.
American Bureau of Inspections & Tests, Monadnock blk, Chicago, Ill.
Armour Institute of Technology, 3300 Federal, Chicago, Ill.
Begardus C. E., Seattle, Wash.
Bennetts Chemical Laboratory (Copper), Tacoma, Wash.
California Ore Testing Co., 630 Sacramento, San Francisco, Cal.
Cornell University, Ithaca, N. Y.
Detroit Testing Laboratory (Iron, Steel, etc.) 674 Woodward, Detroit, Mich.
Eastern Testing Laboratories (Specialty Cement), Allentown, Pa.
Electrical Testing Co., Peoria, Ill.
Electrical Testing Laboratories (General Testing & Inspecting), 80th & East End av, New York
Falkenburg & Co., 116 Yesler way, Seattle, Wash.
Fitzgerald Laboratories (Electric Furnace Practice), Niagara Falls, N. Y.
Gascoyne & Co., 27 S Gay, Baltimore, Md.
Gulick-Henderson Co. (Physical & Chemical), 525 3rd av, Pittsburgh; 21 Park Row, New York, & Chicago
Harris Laboratory, Inc. (Rubber), 26 Cortlandt, New York
Hildreth & Co., 15 Broad, New York
Howard J. W. (Pavements), 1 Broadway, New York
HUNT ROBERT W. & CO. 175 W. Jackson blvd., Chicago, Ill.
See adv index at end of book
Industrial Furnace Corp., (Physical & Chemical), 60 Post Office sq, Boston, Mass.
Kansas City Testing Laboratory, Kansas City, Mo.
Laucks, I. F., Inc., 99 Marion, Seattle, Wash.
Lathbury B. B. (Cement), Franklin Bank bldg, Philadelphia, Pa.
Lehigh Valley Testing Laboratory (Cement), Allentown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Modjeski & Angier, New Era & Orchestra bldg, Chicago, Ill.
National Elec'l Laboratories, 107 Front, New York
Newlands Sanitary Laboratory, 111 Laurel, Hartford, Conn.
Pacific Coast Testing Laboratory, Seattle, Wash.
Penniman & Browne, 215 E Fayette, Baltimore, Md.
Pittsburgh Testing Laboratory, 612 Grant, Pittsburgh, Pa.
St. Louis Sampling & Testing Works (Ores, Fuels, etc), 713 Clark av, St. Louis, Mo.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Souther Henry Engng. Corp., 111 Laurel, Hartford, Conn.
Stupakaff Laboratories, 6639 Hamilton av, Pittsburgh, Pa.
Underwriters' Laboratories, 207 E Ohio, Chicago, Ill.
Wiedemann H. E., Chemical bldg, St. Louis, Mo.
Wiley & Company, 904H, No. Calvert, Baltimore, Md.
Wire Inspection Bureau, 13 Park Row, New York

7094—Laboratory Apparatus & Supplies

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Anderson Electric Specialty Co., 154 Whitney, Chicago, Ill.
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
See adv index at end of book
Baker F. M. Apparatus Co. (Dirs), Syracuse, N. Y.
Bausch & Lomb Optical Co. (& Glassware), Rochester, N. Y.
Braun Corporation, 363 New High, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Chicago Apparatus Co. (For Schools, etc), 32 S Clinton, Chicago, Ill.
Chicago Surgical & Elec. Co. (& Furniture), 324 W Superior, Chicago, Ill.
Columbia School Supply Co. (For Schools, etc.), Indianapolis, Ind.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3d av, New York
Elyria Enameled Products Co. (Glass Enameled), Elyria, O.
Euclid Stone & Brick Co. (Stone Table Taps), Cleveland, O.
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Gray Peter & Sons (Inc.) (Bacteriological), 286 Third, East Cambridge, Mass.
Griebel Instrument Co., Dept. H, Carbondale, Pa.
Greiner Emil Co., 55 Fulton, New York
Greiner Gottlieb (Glass), 81 John, New York
HANOVIA CHEMICAL & MFG. CO., 100 Chestnut, Newark, N. J.
Heil Henry Chemical Co., St. Louis, Mo.
Holz & Co., Inc., 18 Madison av, New York
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Inter-Ocean Cabinet Co., 320 S Paulina, Chicago, Ill.
Kimble Glass Co. ("Exax"), Dept. H, Vineland, N. J.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Leeds & Northrup Co., 4901 Stenton av, Philadelphia, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Norton Co. (Electric Furnace Parts, Refactory Wire), Worcester, Mass.
Ohio Pottery Co. ("Ohio" Laboratory Porcelain), Zanesville, O.
Peterson Leonard & Co. (Furniture), 1222 Fullerton av., Chicago, Ill.
Rochester Laboratory Supply Co., 64 Gorham, Rochester, N. Y.
Sargent E. H. & Co. (Especially for Sugar Factories), 155 E Superior, Chicago, Ill.
Schaar & Co., 556H, W. Jackson blvd., Chicago, Ill.

Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Scientific Utilities Co., Inc., 18 E 16th New York
Standard Glass Specialty Co. (Glass), Morgantown, W. Va.
Standard Scientific Co., 2 W 13th, New York
Steele Glass Co. (Blown Glass), 622H Locust, Phila., Pa.
Thermal Syndicate (Ltd.) ("Vitreosil" Pure Fused Silica, Combustion, Tubes, Crucibles, Evaporating Dishes, Tubing, Capsules, Muffler, etc.), 50H E. 41st, New York
Thermo Electric Instrument Co., 8H Johnson, Newark, N. J.
Thomas A. H. Co. (Dealers), W. Washington sq., Phila., Pa.
Tubes, Crucibles, Evaporating, Dishes, Tubing, Capsules, Muffles, etc.), 50 E 41st, New York
Thomas Arthur H. Co., W Washington sq, Philadelphia, Pa.
See adv index at end of book
University Apparatus Co., Berkeley, Cal.
Will Corp., Dept. H, Rochester, N. Y.

7095—Laboratory Wood Work

Federal Equipment Co., Carlisle, Pa.
Grand Rapids Hand Screw Co. (Special Work), Grand Rapids, Mich.
Jardon Lithographing Co. (Perfumery Labels in stock), 310 N. 10th, Phila., Pa.
Kewaunee Mfg. Co., Kewaunee, Wis.

7096— Lace (Coach)

Bridgeport Coach Lace Co., Bridgeport, Conn.
Horstmann Wm. H. Co., 5th & Cherry, Philadelphia, Pa.
Schlegel Mfg. Co., Rochester, N. Y.
Vogt Mfg. Corp., 408H St. Paul, Rochester, N. Y.

7097— Laces (Corset)

Ansonia O. & C. Co., Ansonia, Conn.
Colton Geo. S. Elastic Web Co. (Elastic), Easthampton, Mass.
Dawson Albert, Pawtucket, R. I.
Diamond Braiding Mills, Chicago Heights, Ill.
Hewitt White Co., Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market Phila, Pa.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
La Porte Braiding Mills Co., La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. (Nufashond," Cotton & Silk), Reading, Pa.

7098— Laces (Shoe)

Ansonia O. & C. Co., Ansonia, Conn.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Colonial Braid Co., So Attleboro, Mass.
Diamond Braiding Mills, Chicago Heights, Ill.
Dudley D. T. & Co., Haverhill, Mass.
Elmwood Mills, Daboll. Providence, R. I.
Glencairn Mfg. Co. (Silk), Pawtucket, R. I.
Hewitt-White Co., Paterson, N. J.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
Kenyon J. J. Mfg. Co., Pawtucket, R. I.
La Porte Braiding Mills Co, La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. ("Nufashond"), (Cotton & Silk), Reading, Pa.
Pawtucket Braided Line Co., Pawtucket, R. I.
Phenix Laces Mills, Phenix, R. I.
Rockland-Webbing Co., Rockland, Mass.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Whitcher F. W. Co., 14 Albany, Boston, Mass.

7098a—*Lacing (Automobile Hood)

Empire Weaving & Belting Corp., East Rochester, N. Y.

7099— Lacquer Mfrs.

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
American Lacquer Co., Bridgeport, Conn.
Ault & Wiborg Co., Cincinnati, O.
Barrett M. L. & Co. ("Spirit," "Swastika," "India," "Zaco," "Three Star," "Barcolax"), 235H W. Lake, Chicago, Ill.
California Paint Co., Oakland, Cal.
Celluloid Zapon Co. ("Zapon" Jet Black), 200 5th av, New York
Chase Roberts & Co., West av, Long Island City, N. Y.
Chemical Products Co. ("Selestron" Non-Flame), 30 Charles River rd., Boston, Mass.
Cooper Chas. & Co., 194 Worth, New York
Duriacque Mfg. Co., 1311 Chestnut, St. Louis, Mo.
Egyptian Lacquer Mfg. Co., 23 Liberty, New York
Ernecke & Salmstein Co., 944 W. North av., Chicago, Ill.
Essex Varnish Co., 218 McWhorter, Newark, N. J.
Feigel M. & Bro. (Importers), 185 Wooster, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
General Bakelite Co. ("Bakelite"), 2 Rector, New York
Glidden Co., Madison av & Berea rd., Cleveland, O.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Hilo Varnish Corp., Marcy & Flushing avs, Bklyn, N. Y.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Kalbfleisch Corp., 31 Union sq, New York
Lacquer-All Co., 126 Military, Detroit, Mich.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Maas & Waldstein Co., 92 Willyiam, New York
Maier's John G. Sons ("Maier's Silver for Cans), 153 N Gay, Baltimore, Md.
Masury Jno. W. & Son (Colored), 50 Jay, Brooklyn, N. Y.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Kashington, Chicago, Ill.
See adv index at end of book
Nikolas G. J. & Co. ("Nikolas"), 1227 W Van Buren, Chicago, Ill.
Nubian Paint & Varnish Co. ("Ebonite"), 1856 Leclaire av, Chicago, Ill.
O'Brien Varnish Co. (Flat Black), South Bend, Ind.
Patton Paint Co., Milwaukee, Wis.
Schlegel Oscar Mfg. Co., 124 E 13th, New York
Standard Varnish Works, 90 West, New York
Toch Bros., 320 5th av, New York

7100—Lacquering for the Trade

Arnold N. B. (Metal), Signy., B'klyn, N. Y.
Barlow Co., Holyoke, Mass.
Canister Co. of New Jersey (Tin Lacquering Only), Phillipsburg, N. J.
Excelsior Nickel Plating Works, 40 Clifford, Providence, R. I.
Franche C. E. & Co. (Metal), 440 Orleans, Chicago, Ill.
Grosback Wm. & Co., 37 Maspeth av, Brooklyn, N. Y.
Hanson & Van Winkle Co. (Metal), 269 Oliver, Newark, N. J.
Howard Jas. L. & Co. (Brass), Hartford, Conn.
Kalamazoo Plating Works, Kalamazoo, Mich
National Mfg. & Electro Plating Co., 16 Calender, Providence, R. I.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Oriental Varnish Wks. (Metal), 979 Franklin av, B'klyn, N. Y.
Roesch Bros. Plating Works, Belleville, Ill.

7101— Lacquers (Anti Rust)

Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.

7102—Lacquers (Armature)

Sterling Varnish Co., Fulton bldg., Pittsburgh, Pa.

7103— Lacquers (Canners')

California Paint Co., Okland, Cal.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Maier's John G. Sons, 153 N Gay, Baltimore, Md.

7104— Lacquers (Metal)

Buchanan Thos. Co. (The), 29 W. 3rd, Cincinnati, Ohio
See adv index at end of book
Celluloid Zapon Co. ("Zapon"), 200 5th av, New York
Hercules Powder Co. (Metal Lacquer Bases), Wilmington, Del.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Redmanol Chemical Products Co., 648 W 22d, Chicago, Ill.

7104a—Lacquers (Pyroxylin, Wood & Metal)

Alcohol Products Co., Blanchard, Newark, N. J.

7105— Lacquers (Silver)

Celluloid Zapon Co., 200 5th av, New York

7106— Lac Sulphur

Anderson-Hillier Co., Inc. (Imp.), 99H John, New York

7107— Lactate of Tin

Avery Chemical Co., 88 Broad, Boston, Mass.

7108— Lactometers

Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.

7109— Lactose

Innis Speiden & Co., 46 Cliff, New York
Mallinckrodt Chemical Works, 3600 N. 2nd, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
National Milk Sugar Co., 13 Park row, New York
Sheffield By-Products Co., Hobart, N. Y.

7110—Ladder Rounds (Miner's)

Ransome Concrete Machinery Co., Dunellen, N. J.
Sandusky Tool Co., Sandusky, O.

7111— Ladders

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
American Sash & Door Co., Kansas City, Mo.
Ashboro Wheelborrow Co. ("Step"), Ashboro, N. C.
Austell Swing & Ladder Co., Austell, Ga.
Babcock W. W. Co., Bath, N. Y.
Bacon & Co. ("Niagara" Extension, Single & Step Ladders), Gasport, N. Y.
Bent Rung Ladder & Mfg. Co. (Step, Extension, Sectional, etc), Indiana, Pa.
Berg John Mfg. Co. (Step Extension), 5001 S. Wells, Chicago, Ill.
Berger, Leander D., 59 N 2d, Phila., Pa.
Bicycle Step Ladder Co. (Step "Model Six" Auto Ladders), 6 W. Randolph, Chicago, Ill.
Bishop Ladder Co., Hartford, Conn.
Brown Jno. K. & Co., 181 3d av, Brooklyn, N. Y.
Bushnell Tank Works (Plain Step & Extension), Bushnell, Ill.
Canton Ladder Co. (Extension), Canton, Ohio
Chesbro, Whitman Co., 1167 1st av, New York
Clark J. R. & Co. (Step & Extension), 2nd av N & Aldrich Minneapolis, Minn.
Coldwater Ladder Co., Coldwater, Mich.
Columbus Brass Co. (Plunge for Gymnasium), 538 Dublin av., Columbus, O.
See adv index at end of book
Combination Ladder Co. (Extension), 366 Fountain, Providence, R. I.
Consolidated Pump Co., Toledo, O.
Corbett & Co., 429 E 109th, New York
Crain Pump & Lumber Co., 623 Arch, Phila., Pa.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Curtis Bros. & Co., Clinton, Ia.
Davenport Ladder Co. (Extension Step, Fruit Pickers Trestle Combination, Painters, Scaffold, etc), Davenport, Ia.
Davis John B., Clinton, Me.
Dillingham Mfg. Co., Sheboygan, Wis.
Elliott E. A., Rumney, N. H.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Fellows & Co., 234 Friend, Boston, Mass.
Fisk Mfg. Co., Churubusco, Ind.
Flint A. W. & Co., New Haven, Conn.
Frizell Ladder Co. ("Dorchester" Extension & "Fairy," "Giant," "Climax" Step, etc), 135 Granite av, Boston, Mass.
Glidden W. L., 1035 Atlantic av, Brooklyn, N. Y.
Goshen Churn & Ladder Co. ("Famous"), Goshen, Ind.
Goshen Mfg. Co. (Step), Goshen, Ind.
Hale Geo. C., Kansas City, Mo.
Heider Mfg. Co. (Extension, Straight, etc), Carroll, Ia.
Holmquist & Co., 2814 W 26th, Chicago, Ill.
Imperial Brass Mfg. Co. (Swimming Pool Solid Brass Tube), 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Imperial Brass Mfg. Co. (Swimming Pool Solid Brass Tube), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Krewson T. C., 801 Master, Phila., Pa.
Lansing Co., Lansing, Mich.
Los Angeles Ladder Co., Los Angeles, Cal.
Mallory C. M., Albion, N. Y.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co. (Extension, Folding, Self-Supporting, Section, Window Cleaning Step, Long Pole, etc), Somerville, Mass.
New Britain Machine Co. ("New Britain" Metallic, permanent), 190 Chestnut, New Britain, Conn.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
New York Ladder Co., 384 Hudson, New York
Palmer, Jarvis, Northville, Mich.
Paris Mfg. Co., So. Paris, Me.
Pease F. B. Co. (Extension, Step & Common Extension & Plain Trestles), Rochester, N. Y.
Peirce W. E. & Co., Milford, N. H.
Portland Extn. Ladder & Pole Co. ("Flying Yankee" Extension, for Railroads, Electric & Telegraph Companies), 130 Orange, Newark, N. J.
Potter Robert, Orwell, N. Y.
Powell Benj., Springfield, Mass.
Pratt Mfg. Co., Coldwater, Mich.
Reading Mfg. Co., Akron, Ohio
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co. (also Decorator's), South & Depot, Cincinnati, O.

LADDERS—continued
Richter C. G. & Co., Spokane, Wash.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co. (Ltd.), (Combined Step & Extension), Saginaw, Mich.
Schad Chas., 11 Jefferson, Brooklyn, N. Y.
Silo Specialty Mfg. Co. (Silo), Clinton, Iowa
Smith S. A. Mfg. Co. (Step), Brattleboro, Vt.
Specialty Mfg. Co., Titusville, Pa.
Stiles H. A. & Co. (Window Cleaners), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E. 136th, New York
Superior Ladder Co. ("Monarch" Step, etc), Goshen, Ind.
Sweet Geo. W., Flint, Mich.
Tupper Jno. (All kinds), Lynn, Mass.
Udell Works (Step & Extension), Indianapolis, Ind.
Union Blind & Ladder Co. ("Star" Step, Orchard & Extension), Oakland, Cal.
Van Buskirk John W., Lawrence, Mass.
Wheeler Geo., Norwich, New York
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wilkinson Mfg. Co., Binghamton, N. Y.
Wis. Iron & Wire Works (Brass Bronze & Wright Iron), 1660 Booth, Milwaukee, Wis.
Young Bros. Co. (Step & Common), Worcester, Mass.

Ladders (Chair)

See Chairs, Combination, Step Ladder

7112— Ladders (Extension)

Bacon & Co. ("Niagara"), Gasport, N. Y.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Berger Bros. Co., 229 Arch, Phila., Pa.
Canton Ladder Co., Canton, Ohio
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Davenport Ladder Co., Davenport, Ia.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Fellows & Co., 234 Friend, Boston, Mass.
Fisher & Hays Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Flint A. W. & Co., New Haven, Conn.
Frizell Ladder Co. ("Dorchester"), 135 Granite av, Boston, Mass.
Goshen Churn & Ladder Co., Goshen, Ind.
Hays Geo W., 228 5th, Milwaukee, Wis.
Helder Mfg. Co., Carroll, Ia.
Krewson T. C., 801 Master, Phila, Pa.
Moulton C. W. H. Co., Somerville, Mass.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Pease F. B. Co., Rochester, New York
Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co. ("Ideal," "Sampson," "Reliable," "Safety," "Fruit Picker") South & Depot, Cincinnati, O.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Smith S. A. Mfg. Co., Brattleboro, Vt.
Stokes Wm. A. & Co., 50 Howard, N. Y.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Superior Ladder Co., Goshen, Ind.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.
Young Bros. Co., Worcester, Mass.

7113—Ladders (Extension Scaffold)

Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Cupples Samuel Woodenware Co. ("Hercules" Sectional Ladder & Extension Tops), 7th & Spruce, St. Louis, Mo.
Davenport Ladder Co. (Also Extension, Windlass, Also Rope & Pulley Attachment, etc), Davenport, Ia.
Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.

7114— Ladders (Fire)

Boyd James & Bro., 25th & Wharton, Philadelphia, Pa.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Davenport Ladder Co., Davenport, Ia.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Hale Geo. C., Kansas City, Mo.
Heath J. S. Co. (Brass) Franklin & Ontario, Chicago, Ill.
Moulton, C. W. H. Co., Somerville, Mass.
Pirsch Peter & Co., Kenosha, Wis.
Portland Extn. Ladder & Pole Co. ("J. A. Weston's" Safety Trussed), 130 Orange, Newark. N. J.
Robinson Fire Apparatus Co., 4268 N 20th, St. Louis, Mo.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Seagrave Co., Columbus, Ohio
Woodhouse Mfg. Co., 64 W B'way, N. Y.
Young Bros. Co., Worcester, Mass.

7115—Ladders (Folding Roof)

Danzer Metal Works, Hagerstown, Md.

7116—Ladders (Freight Car)

Damascus Brake Beam Co. ("Brascott"), London rd & Nickel Plate, Cleveland, O.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S. Michigan, Chicago, Ill.
WINE RAILWAY APPLIANCE CO. (THE), Toledo, O.

7117—Ladders (Fruit Pickers')

Babcock W. W. Co., Bath, N. Y.
Bushnell Tank Works, Bushnell, Ill.
Consolidated Pump Co., Toledo, O.
Davenport Ladder Co., Davenport, Ia.
Goshen Churn & Ladder Co, Goshen, Ind.
Hays Geo. W., 228 5th, Milwaukee, Wis.
Safety Ladder Mfg. Co., Seattle, Wash.
Success Seed Grader Co., Spokane, Wash.
Superior Ladder Co., Goshen, Ind.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.

7118—Ladders (Rolling & Trolley)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
Bicycle Step Ladder Co. ("Model Bicycle Six" Auto Ladders), 6 W. Randolph, Chicago, Ill.
Calander Jno. Mfg. Co., 629 Jackson, St. Paul, Minn.
COBURN TROLLEY TRACK MFG. CO., ("Coburn"), P. O. Box 127, Holyoke, Mass.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Hunt, Helm, Ferris & Co. (Cannon Ball), Harvard, Ill.
Lane Bros. Co., ("Lane's Pat"), Poughkeepsie, N. Y.
McCABE HANGER MFG. CO., 426-428 W. 25th, New York
See adv index at end of book
Milbradt Mfg. Co., 2410 N 10th, St. Louis, Mo.
MYERS F. E. & BRO. ("Myers" Cushion Tire), 900 4th, Ashland, O.
See adv index at end of book
Newhall Henry B., 89 West, New York
Putman & Co. ("Putnam"), 32 Howard, New York
Richards-Wilcox Mfg. Co. (Ceiling & Shelf Rolling), Aurora, Ill.
Union Blind & Ladder Co. (Rolling, Oakland, Cal.

7119— Ladders (Rope)

See also Fire Escapes, Rope

Daniels C. R. Inc., 115 South, New York

7120— Ladders (Steel)

American Bridge Co. (Mine), 30 Church, New York
Art Metal Construction Co. (& Wood) Jamestown, N. Y.
See adv index at end of book
Barnum E. T., Wire & Iron Works, 864 Woodward, Detroit, Mich.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mitchell-Tappen Co., 15 John, New York
Myers F. E. & Bro., 900 4th, Ashland, O.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

7121— Ladders (Step)

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
Albion Wood & Metal Products Co., Inc. ("Giant Jr." Two Step Folding), Albion, N. Y.
Babcock W. W. Co. ("New York," "Steuben," Bath, N. Y.
Bacon & Co., Gasport, N. Y.
Bent Rung Ladder & Mfg. Co. ("Columbia," "Hastings," "Wetting," "X X"), Indiana, Pa.
Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
Bishop Ladder Co., Hartford, Conn.
Border City Industrial Co., Border City, N. Y.
Chesebro Whitman Co., 1167 First av, New York
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Consolidated Pump Co., Toledo, O.
Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.
Davenport Ladder Co., Davenport, Ia.
Driver John ("Boss"), San Leandro, Cal.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Fellows & Co., 234 Friend, Boston, Mass.
Flint A. W. & Co., New Haven, Conn.
Frizell Ladder Co. ("Fairy," "Giant," "Climax"), 135 Granite av, Boston, Mass.
Goshen Churn & Ladder Co. ("Goshen Hill," "Security"), Goshen, Ind.
Goshen Mfg. Co. ("Climax," "Faultless"), Goshen, Ind.
Handy Ladder Works ("Handy"), Cleveland, O.
Holmquist & Co., 2814 W 26th, Chicago, Ill.
Krewson T. C., 801 Master, Phila., Pa.
Mallory C. M., Albion, N. Y.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co., Somerville, Mass.
N. Y. Ladder Co., 384 Hudson, New York.
Orleans Steel Products Co., 1021 Bienville, New Orleans, La.
Paris Mfg. Co., South Paris, Me.
Pease F. B. Co., Rochester, N. Y.
Pratt Mfg. Co. ("Red Star," "Monarch"), Coldwater, Mich.
Reed Evan L. Mfg. Co. (Combination Locking Stools), Sterling, Ill.
Reilley Bros. Ladder Co. ("Hub," "Manhattan"), 324 W 41st, New York
Rich Pump Co. ("Cincinnati Truso" "Queen City," "Acme," "Star," "Victor"), South & Depot, Cincinnati, O.
Richter C. G. & Co. (Safety), Spokane, Wash.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Smith S. A. Mfg. Co. ("Star," "National," "Eetna"), Brattleboro, Vt.
Specialty Mfg. Co., Titusville, Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stokes Wm. A. & Co., 50 Howard, New York
Superior Ladder Co. ("Monarch," "Atlos"), Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.
Whitehurst R. W. Mfg. Corp. ("Handy," "Superb"), Norfolk, Va.
Wilkinson Mfg. Co. (Collapsible), Binghamton, N. Y.

Ladders (Store Sliding)

See Ladders, Rolling & Trolley

7122— Ladders (Straight)

Babcock W. W. Co., Bath, N. Y.
Bent Rung Ladder & Mfg. Co. ("New Model"), Indiana, Pa.
Berger Bros. Co., 229 Arch, Philadelphia, Pa.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Canton Ladder Co., Canton, O.
Davenport Ladder Co., Davenport, Ia.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Flint A. W. & Co., New Haven, Conn.
Goshen Churn & Ladder Co., Goshen, Ind.
Heider Mfg. Co., Carroll, Ia.
Krewson T. C., 801 Master, Phila., Pa.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co., Somerville, Mass.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
Pease F. B. Co., Rochester, N. Y.
Reilley Bros. Ladder Co., 324 W 41st, New York
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Superior Ladder Co., Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Tupper John, Lynn, Mass.
Udell Works, Indianapolis, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

7123—Ladders (Straight, Sectional)

Babcock W. W. Co., Bath, N. Y.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Canton Ladder Co., Canton, O.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Flint A. W. & Co., New Haven, Conn.
Fox Geo. S., 137 N 6th, Phila., Pa.
Goshen Churn & Ladder Co., Goshen, Ind.
Krewson T. C., 801 Master, Phila., Pa.
Michigan Ladder Co., Ypsilanti, Mich
Moulton C. W. H. Co., Somerville, Mass.
Superior Ladder Co., Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Udell Works, Indianapolis, Ind.

7124—Ladders (Swimming Pool)

Cincinnati Mfg. Co., Cincinnati, O.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Wisconsin Iron & Wire Wks, Milwaukee, Wis.

7125—Ladders & Trucks (Firemen's)

Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Davenport Ladder Co. (Fire Ladder Only, Single, Extension & Roof), Davenport, Ia.

Moulton C. W. H. Co., Somerville, Mass.
Portland Extension Ladder Co. (Safety Trussed), 130 Orange, Newark, N. J.
Prospect Mfg. Co. (Motor Trucks), Prospect, O.
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*

7126—Ladle Sleeves & Nozzles

Dixon Joseph Crucible Co., Jersey City, N. J.
Garfield Fire Clay Co., Robinson, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Savage Fire Brick Co., Meyerdale, Pa.
Swank's H. Sons (Fire Brick), Johnstown, Pa.
United Fire Brick Co., Uniontown, Pa.

7127-8 Ladles (Babbitt)

American Mfg. Co., Chattanooga, Tenn.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Improved Appliance Co., 413 Kent, B'klyn, N. Y.
Link Mfg. Co., Kansas City, Mo.
Norris Bros., Robinson. Ill.
Ryerson Joseph T. & Son., 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Woonsocket Mach. & Press Co., Woonsocket, R. I.

Ladles (Bessemer Plant)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Cinder Car)

See Ladles, Foundry; also Cars, Hot Metal & Slag

7129— Ladles (Family, Etc.)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co., Sebring, O.
Wagner Mfg. Co. (Cast Aluminum), Dept H, Sidney, O.

7130— Ladles (Foundry)

Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Central Foundry Supply Co. ("Byram" 15 to 35,000 lbs.), P O Box 945, Columbus, Ohio
Clark W. J. Co., Salem, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. (Or Hot Metal), Ivanhoe rd & N. Y. & St. S. R. R., Cleveland, O.
DOVER BOILER WORKS, Sales Office; 40 Church, New York; Works: Dover, N. J.
See adv index at end of book
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
HAZELTON STEEL FORM & IRON CO., THE, Warren, O.
Heltzel Steel Form & Iron Co., The, Warren, O.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Lindsay W. W. & Co., Inc., Harrison Bldg., Philadelphia, Pa.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co. (Slag), 28th & RR., Pittsburgh, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
N. Y. Central Iron Works Co. (& Slag), Hagerstown, Md.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Osborn Mfg. Co., 5401 E. Hamilton, Cleveland, O.
P. & O. Supply Co., Hanover & Florida, Milwaukee, Wis.
Paxson, J. W. Co., 1021 N Delaware av, Philadelphia, Pa.
Riter-Conley Co., Oliver Bldg., Pittsburgh, Pa.
Stewart Boiler Works, Worcester, Mass.
Tippett & Wood, Phillipsburg, N. J.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tropenas Converter Co., 2243 Nostrand av, Brooklyn, N. Y.
Union Boiler & Mfg. Co., Lebanon, Pa.
Warren City Tank & Boiler Co. (Riveted), Warren, O.
Whiting Corp. (All Types), Dept H, Harvey, Ill.
Whiting Foundry Equipment Co., 107th & Halstead, Chicago, Ill.

Ladles (Galvanizing)

See Kettles, Galvanizing

Ladles (Hot Metal)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Matte)

See Ladles, Mining

7131—Ladles (Melting & Plumbers')

American Mfg. Co., Chattanooga, Tenn.
Ashton Mfg. Co. ("Red Hot" Wrought Steel), 184 Emmet, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Clayton & Lambert Mfg. Co. (Plumbers' Steel), 1370-80 Beaubien, Detroit, Mich.
Dicke Tool Co., Downers' Grove, Ill.
Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
Improved Appliance Co., 413 Kent, B'kln, N. Y.
Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
Lalance & Grosjean Mfg. Co. (Wrought Steel), 299 B'way, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mark Mfg. Co., Evanston, Ill.
Mullins Body Corp. (Lead), Dept H, Salem, O.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Reading Hardware Co., Reading, Pa.
Sargent & Co. (Melting), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J
Stortz John & Son, 210 Vine, Phila., Pa.
Stowell Co. The, So Milwaukee, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.
Zurn J. A. Mfg. Co., Dept H, Erie, Pa.

7132— Ladles (Mining)

KENNEDY VAN SAUN MFG. & ENG. CORP. (Cast Steel Matte Ladles), 120 Broadway, New York
See adv index at end of book
Union Iron Works Co. (Matte Ladles), 20th & Michigan, San Francisco, Cal.
Worthington Pump & Mfg. Corp. (Heavy Steel Plate) 115 Broadway, New York
See adv index at end of book

7133—Ladles (Open Hearth & Bessemer Plant)

Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Clark W. J. Co., Salem, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. ("Connelly"), Ivanhoe rd & N. Y. & St. S. R. R., Cleveland, O.
Dover Boiler Works, Sales Office: 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Haltzel Steel Form & Iron Co., The, Warren, O.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Lindsay, W. W. & Co., Inc., Harrison Bldg., Philadelphia, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
New York Central Iron Works Co., Inc., Dept H, Hagerstown, Md.
Penna. Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pollock Wm. B. Co., Youngstown, O.
Riter-Conley Co., Oliver Bldg., Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO. (Steel),, Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co. (Riveted), Warren, O.

7133a— *Ladles (Pickle)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

7134—Ladles (Pipe Layers')

Sperry D. R. & Co., Batavia, Ill.

Ladles (Slag)

See Ladles, Foundry; also Cars, Hot Metal & Slag

Ladles (Truck)

See Ladles, Crane or Truck

7135— Ladles (Wax)

Indiana Hollow Ware Co. (Cast Iron), Jefferson, Ind.

7136— Ladles (Wood)

Chapman-Sargent Co. (Butter, etc.), Piqua, O.

7137-8—Lagging (Hardwood)

Dodge Sales & Engineering Co., Mishawaka, Ind.
Hill Clutch Co., W 65th, Cleveland, O.
Serfas Lumber Co., Drake bldg., Easton, Pa. *See adv index at end of book*

7139— Lamp Black Mfrs.

Bihn & Wolff Co. ("Keystone," "Old Abe," "Reliable Standard" Coach Painters, "Charlton Velvet," "Curriers" Locomotive Sign Writers), Ash & Almond, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Doggett Stanley, 11 Cliff, New York
Donald Wm. C. & Co., Andover, Mass.
Eddy's Titus Son, Troy, N. Y.
Hyde Carbon Black Co., Ridgeway, Pa.
Industrial Chemical Co., 200 5th av, New York
MARTIN L. CO. ("Germantown," "Eagle," "Pyramid," "Old Standard"; also "Globe" & "Torch" Bulk Blacks for Rubber, Paper, Cement, Paints, Varnishes, etc.), 81 Fulton, New York
Osborn C. J. Co., 132 Nassau, New York
Seaver & Co., 120 Milk, Boston, Mass.
Smith J. Lee & Co. (Jobbers), 19 Jacob, New York
Wilckes, Martin, Wilckes Co. ("Bear Brand"), 135 William, New York

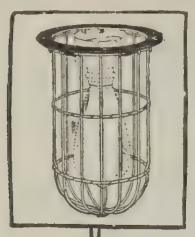
7140— Lamp Guards

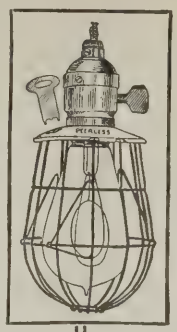
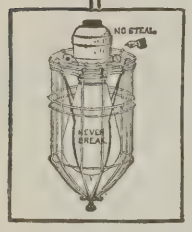
Acme Fancy Wire Works (Wire), Dept H, Canfield & Morgan, Detroit, Mich.
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Cal. Artistic Metal & Wire Co., 349 7th av, San Francisco, Cal.
Culver Stearns Mfg. Co., Worcester, Mass.
Darby Edw. & Sons Co. (Wire), 412 N 18th, Phila., Pa.
Doubleday-Hill Electric Co. ("Holdfast"), 719 Liberty av, Pittsburgh, Pa.
Electric Service Supplies Co. ("Keystone"), 17 & Cambria, Phila., Pa.
Estey Wire Works Co., 34 Cliff, New York.
Flexible Steel Lacing Co., 522 S Clinton, Chicago, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Frink I. P., Inc. (Portable), 10th av & 24th, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Never Break"), Worcester, Mass.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Howard & Morse (Wire), 45 Fulton, New York
Hubbell Harvey, Bridgeport, Conn.
Leveridge Chas. W. ("L. & L." Lock), 133 Liberty, New York
Lovell F. H. & Co. (Wire), Arlington, N. J.

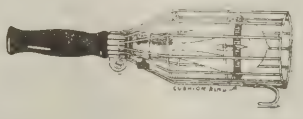
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McGILL MFG. CO. ("Toxon," "Bull Dog," "O. H. A. Protectors," "Chescent," "Wall," "National," "Standard," "Monitor," "Security"), 77 Oak, Valparaiso, Ind. *See adv index at end of book*

Matthews W. N. & Bro., Inc. ("Matthews," "Holdfast" for Protecting Incandescent Lamps), 2922 Easton av, St. Louis, Mo.

Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*

MORSE FRANK W. ("Never-Break," "Morse," "Webster," "Peerless" Locked for Incandescent Lamps), 289 Congress, Boston, Mass. *See adv index at end of book*

Novelty Electric Co., 50 N 4th, Phila., Pa.

Plocher Andrew Sons Co., Dayton, O.

Porter Co. ("T. P. C."), 241 Water, New York

Racine Iron & Wire Works (Electric Lamp Bulbs), Racine, Wis.

Robb & Blackmer, 129 Pearl, Boston, Mass.

Russell & Stoll Co., 17 Vandewater, New York

Scott Bros. Electric Co. (Wire), Detroit, Mich.

Seidler-Miner Co. ("S-M" Watertight Bunch Light, 36 Larned, Detroit, Mich.

Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

Standard Wire Co., Newcastle, Pa.

Stehlin-Miller Henes Co., 103 Park av, New York

Swan Electric Co., 144 Oliver, Boston, Mass.

V. V. Fittings Co., 1906 N 6th, Phila., Pa.

Wickwire Spencer Steel Corp., ("Natwire"), Worcester, Mass. *See adv index at end of book*

Wire Goods Co. (Wire), Worcester, Mass.

7141—*Lamp Guards (Arc, Globe)

MORSE, FRANK W. ("Morse"), 289 Congress, Boston, Mass. *See adv index at end of book*

7141a—*Lamp Guards (Miniature)

MORSE, FRANK W. ("Morse"), 289 Congress, Boston, Mass. *See adv index at end of book*

7141b—*Lamp Replacers & Cleaners (Incandescent)

MORSE FRANK W. ("Handy"), 289 Congress, Boston, Mass. *See adv index at end of book*

Lamp Sockets (Incandescent)

See Sockets, Incandescent Lamp

Lamp Standards & Brackets (Iron & Bronze)

See Posts, Lamp, Arc & Tungsten

7142—Lamps (Acetylene Gas)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.

Brilliant Search Light Mfg. Co. (For Hunting), 529 S. Dearborn, Chicago, Ill.

Brown John W. Mfg. Co., Columbus, O.

Davis Acetylene Co. (Arc), Elkhart, Ind.

Klemm & Co. ("Klemm" Arc), 132 N 5th, Phila., Pa.

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Milburn Alexander Co., 1420 W Baltimore, Baltimore, Md.

Miner Thos. T. W. ("Miner" Globe), 821 Eagle av, New York

Royal Lamp Co. (Incandescent), Cleveland, O.

Seiss Mfg. Co., Toledo, O.

7143— Lamps (Alcohol)

Alcohol Utilities Co. ("Pyro"), 27 William, New York

Best Light Co., 477 2d, N E, Canton, O.

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

N. Y. Stamping Co. ("Empress" Vapor), N 11th & Berry, Brooklyn, N. Y.

Quincy Foundry & Novelty Co., Quincy, Ill.

Theroz Co. ("Theroz"), 233 Broadway, New York

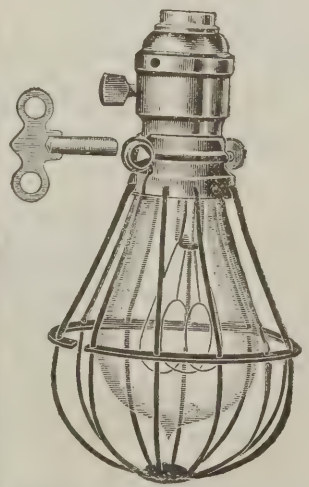
LOXON LAMP GUARD

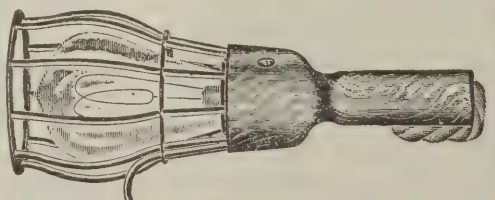
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7144— Lamps (Arc)

Adams-Bagnall Electric Co. ("A-B," Enclosed), Platt av, Cleveland, O.
Buckeye Electric Works of G. E. Co. ("The Manhattan" Alt & Direct Enclosed Incan), 1806 E 45th, Cleveland, O.
Economy Electric Co., 211 Fulton, Brooklyn, N. Y.
GENERAL ELECTRIC CO. (High Intensity for Motion Picture Projection), Schenectady, N. Y.
See adv index at end of book
Helios Mfg. Co. ("Continental"), Garden ab Bridge, Philadelphia, Pa.
Kabden Electric Co. (Imp), 152 Chambers, New York
Philadelphia Electrical & Mfg. Co. ("Pemco" Tungsten), 1236 N 31st, Phila., Pa.
Sorensen P., 18 Dnhm. pl, B'klyn, N. Y.
Toerring C. J. Co. ("Toerring," Enclosed), 1815H Bristol, Phila., Pa.
Universal Electric Stage Lighting Co. ("Klieglight" for Studios), 240 W 50th, New York
Wagenhorst J. H. & Co. ("Wagenhorst-Hi-Power), Youngstown, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wohl M. J. & Co., 211 Fulton, B'kyn, N. Y.

Lamps (Arc, Acetylene)

See Lamps, Acetylene Gas, with the Word Arc following their names

7144a—Lamps (Arc, Electric, Non-Magnet)

Hughes Universal Arc Lamp Co. ("Hughes Universal" Without Either Dash-Pot or Magnet), 628 Race, Phila, Pa.

7145—*Lamps (Arc, Flame Carbon)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7146-7—Lamps (Arc, Luminous)

Adams-Bagnall Electric Co. ("A. B."), Platt av, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Illuminating Co. ("Grant"), 47 Green, New York
Hagstedt Chas. ("Flamor"), 139 E 54th, New York
Hamburger Felix ("Jupiter," "Carbone," "Bivolt," Imp.), 44 E 23rd, New York
Helio Mfg. Co., 2530 N Broad, Phila, Pa.
Kandem Electric Co. (Imp.), 152 Chambers, New York
Scott Electrical Co. ("Decuple"), 357 Ogden, Newark, N. J.
Wagenhorst J. H. & Co. ("Wagenhorst-Hi-Power), Youngstown, Ohio
Warner Electric Co., Muncie, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Lamps (Arc, For Blue Printing & Photography)

See Blue Print Lamps & Carbons

7148— Lamps (Arc, Gas)

See also Lamps, Incandescent Gas

Block Gas Mantle Co., Youngstown, O.
Chester Alliance Gas Light Co., 2758 Madison av, New York
Eclipse Light Co., 583 B'way, New York
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Garwood Gas Lamp & Heater Co. ("Garwood" Inverted), Canton, Ohio
General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.
Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.
Kern Burner Co., 217 W 125th, New York
Klemm & Co., 132 N 5th, Phila., Pa.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
New Idea Arc Light Co., 20 W Houston, New York
Risinger Bros. Co. ("Risinger" Street Inverted, etc, "Colonel" Inside, Porch, etc), E. Liverpool, O.
Solar Light Co., 69 Wooster, New York
Sun Vapor & Gas Street Light Co., 1002 Market av, S, Canton, O.
Thurnauer Otto, 28 W 22d, New York

7149—Lamps (Arc, Gasoline)

See also Lamps, Gasoline; also Lamps, Incandescent Gasoline

AMERICAN GAS MACHINE CO., INC., Albert Lea, Minn. and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, Ohio
Coleman Lamp Co. ("Coleman" Boulevard, etc), 120 S. Los Angeles, Los Angeles, Cal.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Lawrence Mfg. Co., 704 N. Sangamon, Chicago, Ill.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Tures Mfg. Co. ("Turz-Lite" Stationary & Portable), 394 6th, Milwaukee, Wis.

7149a—*Lamps (Arc, Metallic Flame)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7150—Lamps (Arc, Miniature)

General Illuminating Co. ("Grant"), 47 Green, New York

7151—Lamps (Arc, Photo-Engraving)

Adams-Bagnall Electric Co., Platt av, Cleveland, O.
Allison & Hadaway Corp., 42 W 39th, New York
Bogue Chas. J., Electric Co., 513 W 29th, New York
Eastman Kodak Co. ("Aristo"), Rochester, N. Y.
Helio Mfg. Co., 2530 N Broad, Philadelphia, Pa.
Lazorides Mfg. Co. (Imperial Photographic), 56 Beekman, New York
Macbeth Arc Lamp Co., 1524 Chestnut, Phila., Pa.
Majestic Elec. Appliance Co. (Universal Photographic), 5 E 14th, New York
Nela Spec. Division Natl Lamp Wks. of G. E. Co., Nelo Park, Cleveland, O.
New York Engravers' Supply, 230 W 17th, New York
Scott Elec. Co., 357 Ogden, Newark, N. J.
Simplex Photo Prodts. Co., Morris Park, Richmond Hill, N. Y.
Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.
Toerring C. J. Co., 2121 Toronto, Phila., Pa.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
Wagenhorst J. H. & Co. ("Wagenhorst-Hi-Power"), Youngstown, O.
Western Electric Co. ("Aristo"), 463 West, New York
White H. C. Co., North Bennington, Vt.
Wohl M. J. & Co., 211 Fulton, Brooklyn, N. Y.

7152—Lamps (Arc, Stage & Stereopticon)

Chicago Stage Ltg. Co., 112 N La Salle, Chicago, Ill.
Edison Lamp Works ("Edison Maza"), Sussex, Harrison, N. J.
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
LAMPS (ARC, STAGE & STEREOPTICON)—continued
Merit Machine Mfg. Co., 465 Greenwich, New York *See adv index at end of book*
Newton C., 305 W 15th, New York
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York

7152a—Lamps (Artistic Bronze & Wrought Iron)

Anchor Post & Iron Works, 50 Church, new York. *See adv index at end of book*
Cincinnati Mfg. Co., Cincinnati, O.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Heath J. S. & Co., Franklin & Ontario, Chicago, Ill.
Jackson Wm. H. Company, 2 W 47th, New York
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO. (Brackets, etc), Cleveland, O., & 200 5th av, New York
See adv index at end of book

7153—Lamps (Automobile, Electric)

See also Headlights, Automobile

A-A Elec. Mfg. Co., 303 Center, Bridgeport, Conn.
Adams-Bagnall Electric Co., Platt av, Cleveland, O.
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Anderson Electric Specialty Co., 154 Whiting, Chicago, Ill.
Art Metal Mfg. Co., E 61st & Curtis av, Cleveland, O.
Boother Miller Co., 2210 S Main, Los Angeles, Cal.
Bosch Magneto Co., 223 W 46th, New York
Brown John W. Mfg. Co., Columbus, O.
Campbell A. S. Co. ("Cello" Spot, Search Side & Tail), 276 Commercial, Boston, Mass.
Carey McFall Co., 2154-8 E. Dauphin, Phila., Pa.
Chicago Elec. Mfg. Co. (Board & Tonneau), 2817H S. Halsted, Chicago, Ill.
Columbus Auto Brass Co., 769 N 4th, Columbus, O.
Corcoran-Victor Co. (& Motor Cycle), Cincinnati, O.
Cowles C. & Co., New Haven, Conn.
Culvert-Stearns Mfg. Co., Detroit, Mich.
Detroit Starter Co., 32 E Larned, Detroit, Mich.
Dietz R. E. Co., 60 Laight, New York
Edmunds & Jones Corp., 436 Lawton, Detroit, Mich.
English & Mersick Co., Winchester av, New Haven, Conn.
Foster C. H. Accessories Co., Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler," also for Motor Boats), 59 E 24th, Chicago, Ill.
Gray & Davis, Boston, Mass.
Guide Motor Lamp Mfg. Co. (For Fords), W 114th & Madison, Cleveland, O.
Hall G. M. Lamp Co., 363 E Hancock, Detroit, Mich.
Handlan-Buck Mfg. Co. (Side & Tail), 210 14th nr 3d, St. Louis, Mo.
Holt & Beeber Co., 104 Brookline, Boston, Mass.
Howe Lamp & Mfg. Co., 123 E Ontario, Chicago, Ill.
Import Sales Co., 27 W 20th, New York
Indiana Lamp Co., Connersville, Ind.
Kilborn Sauer Co., Fairfield, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marburg Bros. ("Marburg-Lucifer"), 90 West, New York
METAL SPECIALTIES MFG. CO. ("Presto"), 338 N Kedzie av, Chicago, Ill.
Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.
Newfield Silver Mfg. Co., State & Ash, Bridgeport, Conn.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.
Ragdex Mfg. Co., Brockenridge, Pa.
Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.
Rosen A. W. & Co., 610 B'way, New York
S. & M. Lamp Co., Los Angeles, Cal.
Silvey Elec. Co., Dayton, O.
Smith F. A. Mfg. Co., Rochester, N. Y.
Strutt, Wm., Paterson, N. J.
Superior Lamp Mfg. Co., 136 W 52d, New York
Tulite Auto Bulb Co., 2H Columbus Circle, New York
Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.
White Mfg. Co., Bridgeport, Conn.
Wood Mfg. Co., Fairfield, Conn.

7154—Lamps (Automobile, Gas & Oil)

See also Lamps, Carriage
See also Headlights, Automobile

Adams & Westlake Co. (Side & Tail Oil), 319 W Ontario, Chicago, Ill.
American Auto Lamp Co. ("Yankee" Side Tail & Parking Oil), 20 Desbrosses, New York
American Lamp Works, 253 W 47th, New York
Auto Lamp & Radiator Co., 1614 Prospect, Cleveland, O.
Brown Jno. W. Mfg. Co., Columbus, O.
Buffalo Lamp Co., 110 B'way, Buffalo, N. Y.
Colt J. B. Co. (Gas), 30 E 42d, New York
Corcoran-Victor Co. (& Motor Cycle), Cincinnati, O.
Cowles C. & Co. (Oil), New Haven, Conn.
De Voursney Bros., 389 Broome, New York
Dietz R. E. Co., 60 Laight, New York
Edmunds & Jones Corp., 436 Lawton, Detroit, Mich.
Fowler Lamp & Mfg. Co. ("Fowler"), 59 E 24th, Chicago, Ill.
Gidon Joseph E., 794 10th av, New York
Gray & Davis ("Bullet"), Boston, Mass.
Guide Motor Lamp Co., W 114th & Madison, Cleveland, O.
Hall C. M. Lamp Co., 363 E Hancock, Detroit, Mich.
Hawthorne Co. ("Old Sol"), Bridgeport, Conn.
Hine-Watt Mfg. Co. ("Columbia" Gas), 180 N Market, Chicago, Ill.
Indiana Lamp Co., Connersville, Ind.
Manhattan Auto Parts & Lamp Works Co., 162 W 56th, New York
Post & Lester Co. ("Royal de Luxe"), Hartford, Conn.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa
Sibley Pitman Electrical Corp. ("Climax"), 190 6th av, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
White Mfg. Co. (Oil), Bridgeport, Conn.

7155—Lamps (Automobile, Trouble Finding)

Adams-Bagnall Electric Co., Platt av, Cleveland, O.
American Enamel Co. ("Britelite"), Providence, R. I.
American Ever Ready Works, Thompson av, L. I. City, New York
Anderson Elec. Spec. Co. (Dashboard), 154 Whiting, Chicago, Ill.
Benjamin Elec. Mfg. Co. ("Speedolite" Dash Board), 120-128 S. Sangamon, Chicago, Ill.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.

LAMPS (AUTOMOBILE, TROUBLE FINDING)—continued
Campbell A. S. Co., 276 Commercial, Boston, Mass.
Chicago Elec. Mfg Co., 2817 S Halstead, Chicago, Ill.
Columbus Auto Brass Co. (Dash), 769 N 4th, Columbus, O.
Conn. Telephone & Elec. Co., 70 Britnia, Meriden, Conn.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Culver Stearns Mfg. Co., 34 Southbridge, Worcester, Mass.
Cuno Engng. Corp. (Combination), Meriden, Conn.
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gibson-Hollister Mfg. Co., Springfield, Mass.
Harvard Elec. Co., 525 W Van Buren, Chicago, Ill.
Harvey W. A., Scranton, Pa.
Holnig, Wm. J., 53d, Brooklyn, N. Y.
Inland Elec. Co. (Dept. J. Garage), 16 N Franklin, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Metal Specialties Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Morse" Dome & Dash), 289 Congress, Boston, Mass.
Premier El. Co., 1123 S Wabash av, Chicago, Ill.
Providence Electric Mfg. Co. ("Nitelite"), 23 Broad, Providence, R. I.
Rosen A. W. & Co., 610 Broadway, New York
Smith F. A. Mfg. Co., Rochester, N. Y.
Stanley & Patterson, 23 Murray, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
Varney Elec'l Supply Co., Indianapolis, Ind.

7156— Lamps (Battery)

Edison Lamp Works of General Electric "Edison," "Mazda"), Sussex, Harrison, N. J.
Interstate Electric Novelty Co., 104 S 4th, New York
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
MORSE FRANK W. ("Morse" Trouble, for Automobiles & Power Boats), 289 Congress, Boston, Mass.
See adv index at end of book
Vesta Accumulator Co. ("Vesta" Pocket, etc), 2100 Indiana av, Chicago, Ill.

7157— Lamps (Bicycle)

Bridgeport Brass Co., Bridgeport, Conn.
Burchwell Mfg. Co., Pontiac bldg, St. Louis, Mo.
Central Tele. & Elec. Co., 310 N 11th, St. Louis, Mo.
Delta Electric Co., Marion, Ind.
Dietz R. E. Co., 60 Laight, New York
Hall C. M. Lamp Co., Hancock & Revard, Detroit, Mich.
Hine-Watt Mfg. Co., 180 N Market, Chicago, Ill.
Indiana Lamp Co., Connersville, Ind.
Marburg Bros. ("Marburg-Lucifer"), 90 West, New York
Metal Spec Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Morse" electric), 289 Congress, Boston, Mas.
See adv index at end of book
Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.
Seiss Manfg. Co. ("Light Weight" & "Seiss" Electric No. 4), Toledo, Ohio
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
See adv index at end of book
Seiss Mfg. Co. ("Lightweight"), Toledo, Ohio

7157a—Lamps (Blue Print)

See also Blue Print Lamp & Carbons
Cooper Hewitt Electric Co., Hoboken, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Toerring C. J. Co. (Arc), 1815H Bristol, Phila., Pa.

7158—Lamps (Bridge, Pier & Channel)

Coleman Lamp Co. ("Coleman" Bridge & Pier), Wichita, Kan.
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Porter Co., 241 Water, New York
Raydex Mfg. Co., Inc. (Pier), Brackenridge, Pa.
Smith of N. Y. Co., 1 Franklin sq., New York

7159— Lamps (Bunker)

Smith of N. Y. Co., 1 Franklin sq., New York

7160— Lamps (Candle)

Adams & Westlake Co., 319 W. Ontario, Chicago, Ill.
American Ring Co., Waterbury, Conn.
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
McFaddin H. G. & Co. ("Globite"), 38 Warren, New York
Porter Co., 241 Water, New York
Smith of N. Y. Co., 1 Franklin sq., New York

7161— Lamps (Car)

Adams & Westlake Co. (All Kinds), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bridgeport Brass Co. (Acetylene), Dept. H, Bridgeport, Conn.
Dayton Mfg. Co. (For Steam & Electric Cars), Dayton, O.
Handlan-Buck Mfg Co. (All Kinds), 210-14 N 3d, St. Louis, Mo.
Howard Jas. L. & Co., Hartford, Conn.
Safety Car Heating & Lighting Co., 2 Rector, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Smith of N. Y. Co., 1 Franklin sq., New York
Star Brass Mfg Co., ("Star") 53 Oliver, Boston, Mass.
Star Headlight & Lantern Co. (Oil), Rochester, N. Y.

7162—*Lamps (Carbon-Filament)

WESTINGHOUSE LAMP CO., 165 Broadway, New York.

7163— Lamps (Carriage)

See also Lamps, Automobile, Gas & Oil
Carey McFall Co., 2154-8 E Dauphin, Phila., Pa.
Chicago Elec. Mfg. Co. (Board & Tonneau), 2817H S Halsted, Chicago, Ill.
Cowles C. & Co., New Haven, Conn.
De Voursney Bros., 389 Broome, New York
Edmunds & Jones Mfg. Corp., 436 Lawton, Detroit, Mich.
English & Mersick Co., New Haven, Conn.
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gray & Davis, Boston, Mass.
Indiana Lamp Co., Connersville, Ind.
MORSE FRANK W. ("Morse" electric), 289 Congress, Boston, Mass.
See adv index at end of book
Porter Co., 241 Water, New York
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Smith of N. Y. Co., 1 Franklin sq., New York
Superior Lamp Mfg. Co., 136 W 52d, New York
White Mfg. Co., Bridgeport, Conn.

7163a—Lamps (Christmas Tree, Electric)

See also Lamps, Battery
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
Wood C. D. Electric Co. ("Blighty") 441 Broadway, New York

Lamps (Contractors' Portable)

See Contractors' Portable Light

7164— Lamps (Derrick)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Lamps (Desk, Electric)

See Lights, Desk, Electric

7165-6— Lamps (Electric)

See also Lamps, Incandescent, Electric and Following Headings; also Lamps, Nitrogen
Paragon Electric Co. (Jobbers), 329 E 5th, New York
FRINK I. P. INC. ("Linolite"), 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.
Plant Mfg. Corp. (Carved Wood, Wrought Iron & Bronze, Table & Floor), 236 5th av, New York

7167— Lamps (Gasoline)

See also Lamps, Arc Gasoline
Akron Gas Lamp Co., Akron, O.
AMERICAN GAS MACHINE CO. INC. ("American Arklite"), Albert Lea, Minn., and 78 Reade, New York
Best Light Co. ("Best"), 477 Second, N E, Canton, O.
Canton Incandescent Light Co. ("Canton"), Canton, O.
Coleman Lamp Co. ("O. K.", "Air-O-Lite" Portable Table Lamps), 120 S Los Angeles, Los Angeles, Cal.
Coleman Lamp Co. ("Air-O-Lite" Table Lamp, etc), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Edison Lamps Works (Edison "Mazda"), Sussex, Harrison, N. J.
Gloria Light Co., 1100 Washington blvd, Chicago, Ill.
Incandescent Light Mfg. Co., Council Bluffs, Ia.
King Light Co. (Self-Lighting), Peoria, Ill.
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Lawrence Mfg. Co., 704 N Sangamon, Chicago, Ill.
Merkel Herman ("Simplicity"), 511 Elm St. Louis, Mo.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Powerlight Mfg. Co., 812 B'way, New York
Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.
Smith of N. Y. Co., 1 Franklin sq., New York
Sun Vapor & Gas Street Light Co. (Incandescent), Canton, O.
Sunshine Safety Lamp Co., 1005 McGee, Kansas City, Mo.
Superior Mfg. Co. (Also Vapor), Ann Arbor, Mich.
Thomas Mfg. Co. (Pressure), Dayton, O.
WAXHAM LIGHT CO. (Portable & System), 330 W 42nd, New York
Yale Light Co. (Portable), 541 W Washington blvd, Chicago, Ill.

Lamps (Gauge)

See Lamps, Locomotive Gauge

7168— Lamps (Gem)

Columbia Lamps Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Packard Lamp Works of G. E. Co. ("Packard"), Warren, O.

7169— Lamps (Gravity)

Best Light Co., 477 Second, N E, Canton, O
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

7170—Lamps (Hand, Engineers' & Machinists')

Gray, Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Huebel Mfg. Co. (Malleable Iron), 103 Monroe, Newark, N. J.
Knapp Mfg. & Supply Co., 241 Water, New York

7171— Lamps (Hanging)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn. and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Bradley & Hubbard Mfg. Co. (Oil), Meriden, Conn.
Dressel Railway Lamp Works (For Office, Station, etc), 3860 Park av, New York
Handlan-Buck Mfg. Co. (Railroad Office & Station), 210 14th nr 3d, St. Louis, Mo.
Plume & Atwood Mfg. Co. ("Royal" "Banner" Oil), Waterbury, Conn.
Smith of N. Y. Co., 1 Franklin sq., New York
Tiffany Studios (Special Designs), 361 Madison av, New York

7172—Lamps (Household, Brass)

Almond T. R. Mfg. Co. ("Almond Flexo" also floor), Ashburnham, Mass.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
McKee Glass Co., Jeannette, Pa.
Manhattan Brass Co., 332 E 28th, New York
Miller Edward & Co., Meriden, Conn.
Parker Chas. Co., Meriden, Conn.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
SCOVILL MFG. CO. (Oil), Waterbury, Conn.
See adv index at end of book
Standard Oil Co. of N. Y. ("Rayo"), 555 W 25th, New York

7173-4—Lamps (Household, Glass)

Cambridge Glass Co., Cambridge, Ohio
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Eagle Mfg. Co., Wellsburg, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Hemingray Glass Co., Covington, Ky.
Lancaster Glass Co., Lancaster, Ohio
Phoenix Glass Co., 2nd National Bank bldg, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Sneath Glass Co., Hartford City, Ind.
Tarentum Glass Co., Tarentum, Pa.

Lamps (Hydro Carbon)

See Lamps, Incandescent, Hydro-Carbon

7175—Lamps (Incandescent Electric)

American Electric Lamp Works of G. E. Co. ("American"), Central Falls, R. I.
Banner Electric Works of G. E. Co. ("Banner"), Youngstown, Ohio
Bryan-Marsh Division El. Wks., (National Lamp Works of G. E. Co.), 623 S Wabash av, Chicago, Ill.
Buckeye Electric Works of G. E. Co. ("Buckeye"), 1806 E 45th, Cleveland, Ohio

Candler Elec. Lomp Co., 34 W 37th, New York
Capital Electric Co. ("Hall"), Denver, Colo.
Colonial Electric Works of G. E. ("Colonial"), Warren, Ohio
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
bldg, St. Louis, Mo.
Consolidated Electric Lamp Co. ("Champion" Carbon Filament), Danvers, Mass.
Doubleday-Hill Electric Co., 719 Liberty av, Pittsburgh, Pa.
Economical Electric Lamp Div. of G. E. Co. ("Hylo" Turndown), 25 W B'way, New York
Edison Lamp Works of G. E. Co. ("Mazda," "Edison Mazda," "Edison Gem," "Edison Carbon," "Lowatt"), Harrison, N. J.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.
Franklin Incandescent Lamp Works of Westinghouse Lamp Co. ("Franklin," "Mazda"), Hartford, Conn.
Frink T. P., Inc. ("Linolite"), 10th av & 124th, New York
FRINK I. P. INC., 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.
General Incandescent Lamp Works of G. E. Co. ("G. E."), Electric bldg, Cleveland, O.
Howland Mfg. Co., Malden, Mass.
Hygrade Lamp Co. ("Hygrade"), Salem, Mass.
Independent Lamp & Wire Co., 1733 B'way, New York
International Incandescent Lamp Works, Union Hill, N. J.
Kent Light Store, Newark, N. J.
Kentucky Electrical Co. ("The Kentucky"), Owensboro, Ky.
Liberty Electric Co., 543 4th, Pittsburgh, Pa.
Lux Mfg. Co., 123 E Kinney, Newark, N. J.
Moran & Hastings Mfg. Co. (Portable), 18 W Washington, Chicago, Ill.
National Plastic Relief Co., 330 Main, Cincinnati, Ohio.
Novelty Incandescent Lamp Co. ("Elk"), Emporium, Pa.
Packard Lamp Works of G. E. Co. ("Packard"), Warren, Ohio
Paragon Elec. Co. (Handy "Paragon"), 37 W Van Buren, Chicago, Ill.
Peerless-Brilliant Lamp Division of G. E. Co. ('Peerless Brilliant')', Warren, O.
Rooney F. J. Lamp Co. ("Sun-Star," Turndown, "World," Carbon), Hoboken, N. J.
Safety Electric Co. ("Standard"), 431H S Dearborn, Chicago, Ill.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio
Standard Electric Lamp Co. ("Shamrock"), 67 Hamilton, Newark, N. J.
Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio
Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.
Sunlight Elec'l Mfg. Co., Warren, O.
Tipless Lamp Co. (Tipped & Tipless Carbon), Emporium, Pa. & Weehawken, N. J.
Toerring C. J. Co., 1815H Bristol, Phila., Pa.
Walker Henry L. Co., 185 E Jefferson av, Detroit, Mich.
Waterbury-Wallace Co., 100 Lafayette, New York
Western Electric Co. ("Sunbeam"), 463 West, New York
WESTINGHOUSE LAMP CO., 165 B'way, New York
Whitelite Elec. Co., 370 Broome, New York

Lamps (Incandescent Electric, Car)

See Lamps, Incandescent Electric

7176—Lamps (Incandescent Gas)

See also Lamps, Arc, Gas

Best Light Co., 477 Second, N E, Canton, O.
Kentucky Electrical Co., Owensboro, Ky.
Kern Burner Co., 217 W 125th, New York
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Peerless Light Co. ("Peerless" Inverted & Upright), 663 W Washington Blvd., Chicago, Ill.
Welsbach Gas Lamp Co. ("Welsbach"), 392 Canal, New York
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.

7177—Lamps (Incandescent Gasoline)

See also Lamps, Arc, Gasoline

Akron Gas Lamp Co., Akron, O.
AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Canton Incandescent Light Co. ("Canton"), Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Coleman Lamp Co. ("O K," Chandelier), 120 S Los Angeles, Los Angeles, Cal.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Incandescent Light Mfg. Co., Council Bluffs, Ia.
National Stamping & Elec. Works, 424 S Clinton, Chicago, Ill.
Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Tures Mfg. Co ("Turz-Lite"), 394 6th, Milwaukee, Wis.

7178—Lamps (Incandescent, Hydro Carbon)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Superior Mfg. Co., Ann Arbor, Mich.

7179—Lamps (Incandescent, Kerosene)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita. Kan.

7180—Lamps (Incandescent Miniature)

Alpha Lamp Co. (Tungsten, Carbon), 113 Grant av, Harrison, N. J.
American Ever Ready Wks. of Nat'l Carbon Co., Thompson av, L. I. City, N. Y.
Berry A. Hall, 71 Murray, New York
Boehm Christian C. (Surgical), Rochester, N. Y.
Boehm H. & Co., Youngstown, O.
Brooklyn Electric Lamp & Novelty Co., 278 Fulton, Brooklyn, N. Y.
Bryan-Marsh Division ("Bryan-Marsh"), Natiqnal Lamp Works of G. E. Co., 623 S Wabash av, Chicago, Ill.
Chicago Min Lamp Wks., 652 Walker, Chicago, Ill.
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Consolidated Electric Lamp Co., Danvers. Mass.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Domestic Tungsten Lamp Co., 575 Bergenline av, West N. Y., N. J.
Edison Lamp Wks. of G. E. Co. (Mazda Carbon), Sussex, Harrison, N. J.
Elec. & Glass Spec. Wks., Toledo, O.
Elux Miniature Lamp Division of G. E. Co. ("Elux"), 6 E 39th, New York
Eureka Lamp Co. (For Auto), 424 Columbia, Weehawken, N. J.
Federal Miniature Lamp Division Nat'l Lamp Works of G. E. Co. ("Federal"), 920 S Mich. av, Chicago, Ill.
Howard Miniature Lamp Co. (Carbon or Metallic Filament), 487 Orange, Newark, N. J.
Import Sales Co., 27 W 20th, New York
Independent Lamp & Wire Co., 1733 B'way, New York
International Incandescent Lamp Works, Union Hill, N. J.
Interstate Electric Novelty Co. (Carbon, Tungsten), 104 S 4th, Brooklyn, N. Y.
Jaeger H. J. Co. (Nitrogen), 280 Park av, Weehawken, N. J.
Kellogg Switchboard & Supply Co. (Tele. Switchboard), 1066 W. Adams, Chicago, Ill.
Kimball Electric Lamp Co., 42 E 23d, New York
McCandles H. W. & Co. ("Empire"), 406 W 31st, New York
M. & W. Co., 30 Taylor, Springfield, Mass.
Manweiler A. C. Co., Fort Wayne, Ind.
Novelty Inc. Lamp Co., Emporium, Pa.
Oettinger F. W. Corp., 70 E 45th, New York
Peerless-Brilliant Lamp Division of G. E. Co. ("Peerless-Brilliant"), Cleveland, Ohio
Rooney F. J. Lamp Co., Hoboken, N. J.
Safety Electric Co. ("Standard" Candelabra), 431H S Dearborn, Chicago, Ill.
Standard Elec. Novelty Co. (Tungsten, Carbon), 730 W Randolph, Chicago, Ill.
Tipless Lamp Co. (Tipped & Tipless Carbon), Emporium, Pa., & Weehawken, N. J.
Tulite Auto Bulb Co., 2H Columbus Circle, New York
U. S. Inc. Lamp Co. (Tungsten, Nitrogen), Ewing & Clark av, St. Louis, Mo.
Vacuum Glass Co., Lynn, Mass.
Vosburgh Min. Lamp Co. (Tungsten Nitrogen), 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Nitrogen), 550 Gregory, Weehawken, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book
Wood C. D. Electric Co. ("Solus" Imp.), 441 Broadway, New York

7181—Lamps (Incandescent, Portable)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Coleman Lamp Co., Wichita, Kan.
Best Light Co., 477 Second, N E, Canton, O.
Balte Mfg. Co. (Gasoline & Kerosene), 231 N Despe, Chicago, Ill.
Economy Gas Lamp Co., 213 Goodrich Kansas City, Mo.
Goshen Novelty & Lamp Co.,(also Gas), Goshen, Ind.
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
National Stamping & Elec. Works, 424 S Clinton, Chicago, Ill.
Rattan Mfg. Co. (Reed), New Haven, Conn.

7182—Lamps (Incandescent Portable Electric)

MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Rockford Metal Specialty Co., Rockford, Ill.
Salch Bros., 239 Centre, New York

7182a—Lamps (Incandescent, Portable, Floor Electric)

MORSE FRANK W. (For Garages), 289 Congress, Boston, Mass.
See adv index at end of book

7183—Lamps (Incandescent Renewed)

American Appliance Co., Indianapolis, Ind.
Anchor Elec. Co., 557 W Jackson, Chicago, Ill.
Consolidated Electric Lamp Co. ("Pioneer," "Standard"), Danvers, Mass.
New England Lamp Co., Malden, Mass.
Novelty Incandescent Lamp Co. ("Excel"), Emporium, Pa.
Re-New Lamp Co., Malden, Boston, Mass.
Security Elec. Lamp Co., 134 S Clinton, Chicago, Ill.
Standard Electric Lamp Co., 67 Hamilton, Newark, N. J.
V. & D. Elec. Co., Franklin, O.

7184—Lamps (Incandescent Street Series)

WESTINGHOUSE LAMP CO., 165 Broadway, New York

7185—Lamps (Incandescent Vapor Gas)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Canton Incandescent Light Co., Canton, O.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Nat'l Stamping & Electric W'ks ("Nulite"), 424 S Clinton, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Superior Mfg. Co., Ann Arbor, Mich.

7186— Lamps (Incubator)

Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.

7187—Lamps (Inverted Gas)

Garwood Gas Lamp & Heater Co. ("Garwood" Arc), Canton, O.
General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.
Matchless Brass Mfg. Co. (Inverted & Upright), 57 Jay, Brooklyn, N. Y.
Risinger Bros. Co. ("Risinger," Arc), East Liverpool, O.
Standard Stamping Co., Huntington, W. Va.
Welsbach Gas Lamp Co. ("Welsbach" & Semi-Indirect), 392 Canal, New York

7188—Lamps (Inverted Gasoline)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Coleman Lamp Co. ("O. K." System), 120 S Los Angeles, Los Angeles, Cal.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Knight Light & Soda Fountain Co. (Incandescent Paper), 351 W Chicago av, Chicago, Ill.
Tures Mfg. Co. ("Turz-Lite"), 394 6th, Milwaukee, Wis.

7189—Lamps (Kerosene Oil)

AMERICAN GAS MACHINE CO. INC., Albert Lea, Minn., and 78 Reade, New York
Best Light Co. ("Best"), 477 Second, N E, Canton, O.
Home Supply Co., 1411 N Wyandotte, Kansas City, Mo
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Powerlight Mfg. Co., 210 5th av, New York
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Thomas Mfg. Co. (Pressure), Dayton, O.

7189a— *Lamps (Linolite)

FRINK I. P. INC., 24th & 10th av, New York; Wrigley bldg, Chciago, Ill.; Fuller bldg, Philadelphia, Pa.

7190—Lamps (Locomotive Gauge)

Dressel Railway Lamp Works (For Steam or Water Gauge), 3860 Park av, New York
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gray Peter & Sons, Inc. (Water & Steam Gauge, etc), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Knapp Mfg. & Supply Co. (Steam or Water), 241 Water, New York
Porter Co., 241 Water, New York

Lamps (Malleable Iron)

See Torches, Malleable Iron
Also Lamps Hand, Engineers' & Machinists

7191— Lamps (Marine, Oil)

See also Lamps, Automobile; also Projectors or Searchlights
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bradley & Hubbard Mfg. Co. (Cabin), Meriden, Conn.
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Dietz R. E. Co. ("Paragon"), 60 Laight, New York
Dressel Railway Lamp Works (Revolving Deck Caboose), 3860 Park av, New York
Edmunds & Jones Corp. ("E. & J."), 436 Lawton, Detroit, Mich.
Hall C. M. Lamp Co. ("Solar"), Hancock & Rivard, Detroit, Mich.
Miller Edw & Co. (Cabin), Meriden, Conn.
National Marine Lamp Co., Forestville, Conn.
Perkins Marine Lamp Co., 1943 Pitkin av, B'klyn, N. Y.
Porter Co., 241 Water, New York
Russell & Stoll Co. (Cabin & Signal), 17 Vanderwater, New York
Russell & Watson (Signal), 225 Washington, Buffalo, N. Y.

7192-3— Lamps (Mazda)

Bryan-Marsh Division ("Bryan-Marsh" Drawn Wire), (National Works of G. E. Co.), 623 Wabash av, Chicago, Ill.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria," Drawn Wire), Fostoria, O.
Franklin Incandescent Lamp Works of Westinghous Lamp Co. ("Franklin," "Mazda"), Hartford, Conn.
FRINK I. P. INC. ("Linolite"), 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.
National Lamp Works of G. E. Co., Nela Park, Cleveland, O.
Packard Lamp Works of G. E. Co. ("Packard" Mazda & Gem), Warren, O.
Peerless-Brilliant Lamp Division of G. E. Co. ("Peerless-Brilliant"), Warren, O.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, O.
Sterling Electric Lamp Works of G. E. Co. ("Sterling" Drawn Wire), Warren, O.
WESTINGHOUSE LAMP CO., 165 B'way, New York

7194—Lamps (Mercury Vapor)

COOPER & HEWITT ELECTRIC CO. ("Cooper-Hewitt"), 8th & Grand, Hoboken, N. J.

7195—Lamps (Metallized-Filament)

WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book
WESTINGHOUSE LAMP CO., 165 B'way, New York

7195a— *Lamps (Mill)

Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.

7195b— *Lamps (Mine)

Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.

7196—Lamps (Mine, Acetylene)

Amer. Lava Corp. Chattanooga, Tenn.
Dewar Mfg. Co., 30 35th, B'klyn, N. Y.
Hardsocg Martin Co. (Acetylene), 922 South av, Pittsburgh, Pa.
Harker Mfg. Co. ("American Bulldog"), 121-123 W Third, Cincinnati, O.
See adv index at end of book

MINERS' LAMPS
Carbide Miners' Cap Lamps
"American Bull Dog" Brand
HARKER MFG. CO.
CINCINNATI, O.

Hughes Bros. ("Pathfinder"), Scranton, Pa.
Justrite Mfg. Co. ("Justrite"), 2061 Southport av, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn A. Alexander Co., 1420 W Baltimore, Baltimore, Md.
Shanklin Mfg. Co., Springfield, Ill.
Union Carbide Sales Co., 30 E 42nd, New York
Wolf Safety Lamp Co. of America, **("Wolf"), 80 Washington, New York**

7197—Lamps (Miners', Electric)

Concordia Electric Co. ("Ceag"), Union Arcade bldg, Pittsburgh, Pa.
Edison Storage Battery Co., Orange, N. J.
Hirsch Electric Mine Lamp Co. ("Hirsch"), 314 N 12th, Phila., Pa.
Wolf Safety Lamp Co. of America ("Wolf"), 227 Grand av, **Brooklyn**, N. Y.

7198—Lamps (Miners' Oil & Sunshine)

Anton Geo. T. & Bro., Monongahela, Pa.
Trethaway Bros., Parsons, Pa.

7199—Lamps (Miners' Safety)

Ackroyd & Best (Ltd.), Arrott Power bldg, Pittsburgh, Pa.
AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Davy," "Clanny," "Marsaut," "Beard-Deputy," "Wolf-Type"), Scranton, Pa.
Anton Geo. T. & Bro. ("Star," "Globe," "Eagle"), Monongahela, Pa.
Concordia Electric Co. ("Ceag"), Union Arcade bldg, Pittsburgh, Pa.
Dunlap John Co. ("Dunlap's" Seamless), Carnegie, Pa.
Everhart Brass Works, Scranton, Pa.
Grier Bros. Co. "Star" Carbide), 124 2d av, Pittsburgh, Pa.
Handlan-Buck Mfg. Co. (Clany & Davy), 210-14 N 3d, St. Louis, Mo.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Hardsocg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.
Harker Mfg. Co. ("Brite-Lite" Cap), 121-123 W Third, Cincinnati, O.
See adv index at end of book
Hughes Bros., Scranton, Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Justrite Mfg. Co., 2064 Southport av, Chicago, Ill.
Koehler Mfg. Co. ("Koehler"), Marlboro, Mass.
McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mine Safety Appliances Co., 909 Chamber of Commerce bldg, Pittsburgh, Pa.
Portable Electric Safety Light Co. ("Hubbell" Electric Safety), 10 Johnson, Newark, N. J.
Standard Oil Co. ("Miner's Sunshine"), 555 W 25th, New York
Tunnessen Mfg Co., Hazelton, Pa.
United Lamp Co., Meyers bldg, Springfield, Ill.
What Cheer Tool Co. (Carbide & Oil), What Cheer, Ia.
Wissler A., B'way & Wash. av, St. Louis, Mo.
Wolf Safety Lamp Co. of America ("Wolf"), 227 Grand av, B'klyn, N. Y.

7200— Lamps (Mission)

Brown W. B. Co., Bluffton, Ind.
Goshen Novelty & Lamp Co., Goshen, Ind.
Lamb Bros. & Greene, Nappanee, Ind.
Limbert Chas. P. Co., Holland, Mich.
Peterson Art Furniture Co., Fairbault, Minn.

7200a— Lamps (Motor)

See Lamps also Automobile, Gas & Oil Also Headlights, Automobile
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.

7201— *Lamps ("Nernst")

NERNST LAMP CO., Fayette & Garrison pl, Pittsburgh, Pa.

7202— Lamps (Night)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
McCandless H. W. Co. (Miniature), 406 W 31st, New York
McFaddin H. G. & Co. ("Glow"), 38 Warren, New York
Plume & Atwood Mfg. Co., Waterbury, Conn.
Silver & Co. ("Little Beauty" Kerosene), 304 Hewes, Brooklyn, N. Y.

7202a— Lamps (Nitrogen)

Acme Lamp Works, 65 Cambridge av, Jersey City, N. J.
Am. Appliance Co. (Standard), Indianapolis, Ind.
Candler Elec. Lamp Co., 34 W 37th, New York
Edison Lamp Works of G. E. Co., Sussex, Harrison, N. Y.
Friedlander Oscar Co. (Standard), 40 Murray, New York
Hygrade Lamp Co. (Standard), Salem, Mass.
Independent Lamp & Wire Co. (Standard), 1733 B'Way, New York
Jaeger H. J. Co. (Miniature), 280 Park av, Weehawken, N. Y.
McBandless H. W. & Co. (Miniature), 406 W. 31st, New York
Nitrogen Elec. Co. (Standard), 36 Spring, **Newark, N. J.**
Novelty, Inc., Lamp Co., Emporium, Pa.
Strutt Wm., Paterson, N. J.
Triumph Lamp Wks. (Standard), 149 Palisade av, Union Hill, N. J.
U. S. Inc. Lamp Co. (Standard & Miniature), Ewing & Clark av, St. Louis, Mo.
Victor Lamp Wks., 507 Union pl, Union Hill, N. J.
Vosburg Miniature Lamp Co., 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Miniature), 550 Gregory, Weehawken, N. J.
Whitelite Elec. Co. (Standard), 368 Broome, New York

7203— Lamps (Orchestra)

McLeod, Ward & Co. ("Ward"), 430 11th av, New York

Lamps (Oven)

See Illuminators, Oven

Lamps (Photo-Engraving)

See Lamps, Arc, Photo-Engraving

7204— Lamps (Photometer)

American Meter Co. ("Elliott" & "Pentane"), 3112 N 17th, Phila., Pa.

7205— Lamps (Pier Head)

Porter Co., 241 Water, New York

Lamps (Pocket, Electric)

See Flashlights, Electric Lamp & Lantern

Lamps (Portable Gasoline)

See Lamps, Incandescent, Portable

7206— Lamps (Quartz)

Cooper-Hewitt Electric Co., Hoboken, N. J.
HANOVER CHEMICAL & MFG. CO., 100 Chestnut, Newark, N. J.
R. U. C. Co., Inc., 165 B'way, New York

7207— Lamps (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dayton Mfg. Co., Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dietz R. E. Co. (Track Walkers, Car Inspectors, Conductors, etc), 60 Laight, New York
Dressel Railway Lamp Works, 3860 Park av, New York
Edison Lamp Works ("Edison Mazda" Train Lighting"), Sussex, Harrison, N. J.
Embury Mfg. Co. (Inspectors Lamps), Warsaw, N. Y.
Gray Peter & Sons (Conductors' Signal, Switch Tail, etc.), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Smith of N. Y. Co., 1 Franklin sq., New York
Star Headlight & Lantern Co., Rochester, N. Y.

7208—Lamps (Semaphore Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dressel Railway Lamp Works (Steel & Tinned), 3860 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
Rochester Headlight Works (Jas. H. Kelly, propr.), Rochester, N. Y.
Star Headlight & Lantern Co., Rochester, N. Y.

7208a— *Lamps (Sign)

Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
FRINK I. P. INC. ("Linolite"), 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.

7209— Lamps (Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dayton Mfg. Co., Dayton, O.
Dressel Railway Lamp Works (Automatic Engine & "Hurculean," "Fassett" & Electric Route, etc), 3800 Park av, New York
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.

Grand Rapids Brass Co. (Automobile Tail), Grand Rapids, Mich.
See adv index at end of book
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
MacLeod Co. (Pier), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Raydex Mfg. Co., Inc., Brackenridge, Pa.
Rochester Headlight Wks. (Jas. H. Kelly, propr.), Rochester, N. Y.
Porter Co., 241 Water, New York
Smith of N. Y., 1 Franklin sq, New York
Star Headlight & Lantern Co., Rochester, N. Y.

7210— Lamps (Station)

Armspear Mfg. Co., 447 W 53d, New York
Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dressel Railway Lamp Works, 3860 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg Co., 210 14 nr 3rd, St. Louis, Mo.
National Marine Lamp Co., Forestville, Conn.
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 1 Franklin sq, New York

7211— Lamps (Street)

Best Light Co., 477 Second, N E, Canton, O.
Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dietz R. E. Co., 60 Laight, New York
Dressel Railway Lamp Works (Gas or Oil), 3860 Park av, New York
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
Embury Mfg. Co. (Globe, Oil), Warsaw, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
Miner Thos. T. W. ("Miner"), 821 Eagle av, New York
Penna Globe Gas Light Co., 1934 Market, Phila., Pa.
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 1 Franklin sq, New York

7212— Lamps (Switch)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53rd, New York
Dayton Mfg. Co., Dayton, O.
Dewey F. O., Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Wks (Steel & Tinned), 3860 Park av, New York
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Sherburne & Co., 53 Oliver, Boston, Mass.
Star Headlight & Lantern Co., Rochester, N. Y.

7213-4— Lamps (Table)

Almond T. R. Mfg. Co. ("Almond" Flexo-Electric, Ashburnham, Mass.
AMERICAN GAS MACHINE CO., INC. ("American Beauty"), Albert Lea, Minn., & 12 Reade, New York
Armor Bronze Co. (Electric), 236 5th av, New York
Best Light Co., 477 Second, N E, Canton, O.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Dressel Railway Lamp Works ("Belgian" Stand for Desk or Ticket Office), 3860 Park av, New York
Hartmann-Malcolm Co. (& Floor), 847H N. Troy, Chicago, Ill.
Imperial Glass Co., Bellaire, Ohio
Jefferson Glass Co. (Electric), Follansbee W. Va.
Kramer Bros. Lamp Co., Inc., 585 Broadway, New York
Manchester Mfg. Co. (& Floor, Wood), 1210 S. Vandeventer av, St. Louis, Mo.
Miller Edw. & Co., Meriden, Conn.
National Plastic Relief Co. (Electric), 330 Main, Cincinnati, O.
Pairpoint Corporation, New Bedford, Mass.
Parker Chas. Co. (Electric, Gas & Oil), Meriden, Conn.
Penn. Wheelbarrow Co., 4741 Kansas, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Plant Mfg. Corp. (Carved Wood, Wrought Iron & Bronze), 236 5th av, New York
Plume & Atwood Mfg. Co., Waterbury, Conn.
Schroeder Edw. Lamp Works, 716 Jersey av, Jersey City, N. J
Standard Oil Co. of N. Y. ("Rayo" Oil), 555 W 25th, New York
Wreisner Bros., Dassel, Minn.

7215— Lamps (Tantalum)

Buckeye Electric Works of G. E. Co. ("Buckeye"), 1806 E 46th, Cleveland, Ohio
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Federal Miniature Lamp, Division Nat'l Lamp Works, G. E. Company, (Miniature), 920 S Mich. av, Chicago, Ill.
WESTINGHOUSE LAMP CO., 165 B'way, New York

7215a— Lamps (Therapeutic)

Betz-Frank S. Co., Hammond, Ind.
Cooper-Hewitt Elec. Co., Hoboken, N. J.
Edison Lamp Works ("Edison Mazda"), Sussex, Harrison, N. J.
Fischer H. G. & Co., 2341 Wabansia av, Chicago, Ill.
Hanovia Chemical & Mfg. Co., 233 N. J. R. R. av, Newark, N. J.
Kny-Scheerer Co., 404 W 27th, New York
Lindstrom-Smith Co., 3212 W Lake, Chicago, Ill.
McFaddin H. G. & Co. ("Thermolite"), 38 Warren, New York
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Pitts Elec. Specialties Co., Ross & 1st av, Pittsburgh, Pa.
Schwartz S. Robert & Bro., 729 Broadway, New York
Vioray Mfg. Co., 915 Whitlock av, New York
Wapper Elec. Co., 187 Harris av, Long Island City, N. Y.
Western Coil & Electrical Co., ("Vi-Ray-O"), Racine, Wis.

Lamps (Torch)

See Torches, Hand

7216— Lamps (Tungsten)

Alpha Lamp Co. (Carbon), 113 Grant av, Harrison, N. J.
Buckeye Electric Works of G. E. Co. ("Buckeye"), 1806 E 45th, Cleveland, Ohio
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Consolidated Electric Lamp Co. ("Champion"), Danvers, Mass.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Domestic Tungsten Lamp Co., 418-20 10th, W. New York, N. J.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.
Franklin Incandescent Lamp Works of Westinghouse Lamp Co. ("Franklin"), Hartford, Conn.
General Illuminating Co. ("Gico" Imp), 47 Green, New York
Howard Miniature Lamp Co. (Carbon), 487 Howard, Newark, N. J.
Hygrade Lamp Co. ("Hygrade" Vacuum & Gas Filled), Salem, Mass.
Import Sales Co., 27 W 20th, New York
Independent Lamp & Wire Co. (& Nitrogen Gas), 1733 B'way, New York
Kentucky Electrical Co., Owensboro, Ky.
Lux Mfg. Co. ("Flexible"), 123 E Kinney, Newark, N. J.
M. & W. Co., 30 Taylor, Springfield, Mass.
Metalyte Co., 366 W 15th, New York
Novelty Inc. Lamp Co., Emporium, Pa.
Phila. Electrical & Mfg. Co. ("Penco" Arc), 1236 N 31st, Phila., Pa.
Rooney F. J. Lamp Co., 257 14th, Hoboken, N. J.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio
Standard Elec. Novelty Co. (Carbon), 730 W Randolph, Chicago, Ill.
Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio
Strutt, Wm., Paterson, N. J.
Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.
U. S. Inc. Lamp Co. (Nitrogen), Ewing & Clark av, St. Louis, Mo.
Vacuum Glass Co. ("Convolt"), Lynn, Mass.
Vosburgh Min. Lamp Co. (Nitrogen), 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Nitrogen), 550 Gregory av, Weehawken, N. J.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7217—Lamps (Turn Down Electric)

Economical Electric Lamp Div. of G. E. Co. ("Hylo-Economical"), 25 W B'way, New York
Rooney F. J. Lamp Co. ("Sun Star"), Hoboken, N. J.

7218— Lamps (Vapor)

Best Light Co., 477 Second, N E, Canton, O.
New York Stamping Co. ("Express"), N 11th & Berry, Brooklyn, N. Y.
Superior Mfg. Co., Ann Arbor, Mich.
Ulfers Mfg. Co. ("Perfection" Kerosene Burning Lamps), Freeport, Ill.

7219— Lances (Corn)

Murphy's Robt. Sons Co., Ayer, Mass.

7219a— Lanolin

Greeff R. W. & Co., 78 Front, New York
Hummel & Robinson, 26 Cortlandt, New York
Merck & Co., 45 Park pl, New York
Sirch C. W., Los Angeles, Cal.

7220— Lanterns (Acetylene)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn & Alexander Co., 1420 W Baltimore, Baltimore, Md.

Lanterns (Artistic Wrought Iron & Bronze)

See Lamps, Artistic Bronze & Wrought Iron

7221— Lanterns (Bicycle)

Miller Edw. & Co., Meriden, Conn.

7222—Lanterns (Brass & Tin)

Armspear Mfg. Co., 447 W 53d, New York
Plume & Atwood Mfg. Co. ("Ichabod"), Waterbury, Conn.
Universal Metal Spinning & Stamping Co., 69 Wooster, New York

7223— Lanterns (Candle)

Kraft A. C. ("Eldnac"), 323 W Lake, Chicago, Ill.
Porter Co., 241 Water, New York

7224—Lanterns (Dash Board)

Defiance Lantern & Stamping Co., Rochester, N. Y.
Embury Mfg. Co., Warsaw, N. Y.
Lisk Mfg. Co. (Ltd.) ("Lisk," Hot Blast), Canandaigua, N. Y.
Porter Co., 241 Water, New York
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 1 Franklin sq, New York

7225— Lanterns (Electric)

Beacon Electric Works ("Friars"), 132 King, New York
Federal Sign System, 8700 State, Chicago, Ill.
Hytee's Factories, Inc. ("Two-Cell"), Indianapolis, Ind.
Inland Electric Co., 16 N Franklin Chicago, Ill.
Jenks Lantern Co. ("Jenks"), 208 N 5th av, Chicago, Ill.
Lindstrom-Smith Co., 3212 W. Lake, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO. ("Mescolite," "Dark Room"), 17 Park pl, New York
See adv index at end of book
Portable Electric Safety Light Co. (Hand), 18 Johnson, Newark, N. J.
Stewart-Skinner Co., Worcester, Mass.

7226—Lanterns (Eye Testing)

Gray Peter & Sons (Inc.), 286 Third, East Cambridge, Mass.

7226a—Lanterns (Gasoline & Kerosene)

See also Lamps

Coleman Lamp Co. ("Air-O-Lite" & "Quick-Lite"), Dept. H, Wichita, Kan.

7227— Lanterns (Japanese)

Kyoto Mfg. & Trading Co., 31 E 17th New York
Morimura Bros., 55 W 23d, New York

7228— Lanterns (Police)

Knapp Mfg. & Supply Co. ("Bull's Eye"), 241 Water, New York
National Enameling & Stamping Co., 411 5th av, New York
Smith of N. Y. Co., 1 Franklin sq, New York

7229— Lanterns (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
AMERICAN GAS MACHINE CO., INC. ("Dark Chaser"), Albert Lea, Minn., and 78 Reade, New York
Armspear Mfg. Co. (Wire & Steel Guard), 447 W 53d, New York
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Dayton Mfg. Co., Dayton, O.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dietz R. E. Co., 60 Laight, New York
Dressel Railway Lamp Works, 3860 Park av, New York
Gray Peter & Sons, Inc. (Conductors, Signal, Switch, Tail, etc), 286 Third, East Cambridge, Mass.
Handlan, Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Keystone Lantern Co. ("Casey"), Tacony & Cottman, Phila., Pa.

LANTERNS (RAILWAY)—continued

Pritchard Stamping Co., Rochester, N. Y.
Rochester Head Light Works (Jas. H. Kelly, Prop.), (oil or electric), Rochester, N. Y.
Selby Safety Flag Co., Railway Exchange bldg, St. Louis, Mo.
St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.
Smith of N. Y. Co., 1 Franklin sq, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Star Headlight & Lantern Co., Rochester, N. Y.
Tufts National Meter Co., 455 Commercial, Boston, Mass.

7230—Lanterns (Tubular, Etc.)

Acorn Brass Mfg. Co. ("Uni-Lite" Kerosene Oil or Gasoline), 426 S Clinton Chicago, Ill.
AMERICAN GAS MACHINE CO., INC. ("Ready-Lite"), Albert Lea, Minn., and 78 Reade, New York
Best Light Co. ("Best Hand"), 477 Second, N. E., Canton, O.
Buhl Stamping Co., Scotten & M. C. R. R., Detroit, Mich.
Burchwell Mfg. Co. ("Bright Eye"), Pontiac bldg, St. Louis, Mo.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dietz R. E. Co., 60 Laight, New York
Economy Gas Lamp Co. (Gasoline), 213 Goodrich, Kansas City, Mo.
Glens Falls Lantern Co. Glens Falls, N. Y.
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Lisk Mfg. Co. (Ltd.), ("Lisk," Cold Blast), Canandaigua, N. Y.
National Marine Lamp Co., Forestville, Conn.
Pritchard Stamping Co. ("Prisco"), Rochester, N. Y.
Standard Oil Co. of N. Y., 555 W 25th, New York
Thomas Mfg Co. (Oil), Dayton, O.
Tures Mfg. Co. (Gasoline), 394 6th, Milwaukee, Wis.
Wheeling Stamping Co. ("Paull's Leader," Cold & Hot Blast, also Short Globe Cold Blast), Wheeling, W. Va.
Yale Light Co. (Gasoline), 541 Washington blvd, Chicago, Ill.

7230a—Lards & Cutting Lubricants

Southern Cotton Oil Co., 120 Broadway, New York
Stuart D. A. & Co., 2733 S Troy, Chicago, Ill.
Swan & Finch Co, ("Acme" "Mystic" "Alpha"), 165 B'way, New York

7231— Lariats

Diamond Whip Co. ("Diamond," "Mustang" & Horn Loop Rope), 406 N. Curtis, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Samson Cordage Works, Broad, Boston, Mass.
Tubbs Cordage Co. ("Broncho Brand" & "Life Line"), Kohl Bldg, San Francisco, Cal.

7232— Larries

Alliance Machine Co., Alliance, Ohio
Anderson W. H. Tool & Supply Co. (For Stone & Timber), 184 Brush, Detroit, Mich.
Atlas Car & Mfg. Co. (Electric Car), Cleveland, O.
See adv index at end of book
Connellsville Mach. & Car Supply Co., Connelsville, Pa.
Helmick Foundry & Machine Co. (Coke Oven Charging), Fairmont, W. Va.
JEFFREY MFG. CO. (Coke Ovens), 961 N Fourth, Columbus, O.
See adv index at end of book
Johnson & Thompson (Coke), Birmingham, Ala.
LINK-BELT COMPANY, 300 W 39th, Chicago Ill. *See adv index at end of book*
Marion Machine Fdry & Supply Co. (Electric Coal & Coke Oven Charging), Marion, Ind.
Niles Mine & Mill Supply Co., Cleveland, O.
Phillips Mine & Mill Supply Co. (Coke Oven), 2227 Jane, Pittsburgh, Pa.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

7233— Lashes (Leather)

Bardall J. C. Co. (Buckskin, Georgia Ox, etc.), Moundsville, W. Va.
Diamond Whip Co. (& Rawhide), 406 N Curtis, Chicago, Ill.
Raniville F. Co. (Whip), Grand Rapids, Mich.

7234— Latches (Barn Door)

Albany Hardware Specialty Mfg. Co. ("Whitcomb"), Albany, Wis.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
Arcade Mfg. Co. ("Rex"), Freeport, Ill.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Bolles Wm. B., Post Office Box 600 M. Milwaukee, Wis. *See adv index at end of book*
Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Corbin P. & F., New Britain, Conn.
Cronk & Carrier Mfg. Co. (Steel), 150 Lake, Elmira, N. Y.
See adv index at end of book
Diehl Novelty Co. ("Diehl"), Glenbeulah, W
Frantz Mfg. Co. ("Positive"), Sterling, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned), St. Louis, Mo.
Hardware Specialty Mfg. Co. ("H. W." for Barn, Box Stalls, Corn Cribs, etc.), Anderson, Ind.
Hunt, Helm, Ferris & Co. ("Harvard" & "Star" Automatic), Harvard, Ill.
Lawrence Bros. (Automatic & Regular), Sterling, Ill.
National Mfg. Co. (All Steel), Sterling, Ill.
Peck C. A. Hardware Co. ("Gem," "Security," "Jewell"), Berlin, Wis.
Penn Hardware Co., Reading, Pa.
Porter J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safety Door Hanger Co., Ashland, O.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (also Garage), New Britain, Conn.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.
Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.
Weller Hdwre. & Fdry. Co., Horseheads, N. Y.
Wrightsville Hdw. Co. (Wrought), Wrightsville, Pa.

Latches (Cupboard)

See Catches, Cupboard, Screen Door, etc

7234a— Latches (Door)

Bolles Wm. B. (Automatic Release, Two Point, Mortise, Fire Exit, Dead Locking Knob, Spring Actuated), P. O. Box 600, M. Wilwaukee, Wis.
See adv index at end of book
Brewer Bros. Co. (Sliding Barn), 2nd & Somerset, Phila., Pa.

7235-6—Latches (Fire Door)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
Bolles Wm. B., P. O. Box 600, M. Milwaukee, Wis. *See adv index at end of book*
Brewer Bros. Co. (Wrought, for Sliding Fire Door), 2nd & Somerset, Phila., Pa.
Peters Jas. & Son ("Wrought" Iron), 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. (Steel), Aurora, Ill.
Slaymaker Lock Co., Lancaster, Pa.
Stover Mfg. & Engine Co., Freeport, Ill.
Stowell Co. The, S Milwaukee, Wis.
Vonnegut Hardware Co. ("Von Duprin"), 120 E Washington, Indianapolis, Ind.

7237— Latches (Gate)

Allith-Prouty Co. ("Allith," for Gate Cold Storage Door, etc), Danville, Ill.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Auer Jno. Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought, with Catch & Staple), 2nd & Somerset, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chantrell Hardware & Tool Co., Reading, Pa.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dent Hardware Co. (Secret), Fullerton, Pa.
Duffy Mfg. Co. ("Chicago"), 214 W Grand av, Chicago, Ill.
Grey Iron Casting Co. ("Donegal"), Mt. Joy, Pa.
Penn Hardware Co, Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
Western Brass Mfg. Works (Reversible Office, etc), Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hardware Co. ("Shepard's" "St. Louis" Pattern, etc), Wrightsville, Pa.

7238— Latches (Lavatory)

Chicago Spring Butt Co. (Door), 1500 Carroll av, Chicago, Ill.

7238a— Latches (Lever)

Bolles Wm. B. (Grip Bar), P. O. Box 600M, Milwaukee, Wis.
See adv index at end of book

7239— Latches (Night)

Bohannan Wilson, 760 Lexington av, B'klyn, N. Y.
Chantrell Hardware & Tool Co., Reading, Pa.
Climax Co., 275 Passaic, Newark, N. J.
Corbin P. & F., New Britain, Conn.
Deitz Alonzo E. (Tubular Run, Mortise, etc), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Fraim E. T. Lock Co. ("Keystone" & "Fraim"), Lancaster, Pa.
Huber Mfg. Co. ("Huber," "Gibraltar," "Victor," "Barnes"), 417 E 93d, New York
Miller J. Walter Co., Lancaster, Pa.
Miller Lock Co. ("Lincoln" & "Miller" Run), 4523 Tacony, Detroit, Mich.
Penn Hardware Co. ("Heizmann"), Reading, Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf, Inc., Rochester, N. Y. *See adv index at end of book*
Skillman Hardware Mfg. Co., Trenton, N. J.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.

7240—Latches (Refrigerator)

Allith-Prouty Co. ("Allith"), Danville, Ill.
Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Dent Hardware Co., Fullerton, Pa.
Dunn Mfg. Co., Mankato, Minn.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Greene, Tweed & Co., 109 Duane, New York
Hill C. V. & Co., 360H Pennington, Trenton, N. J.
National Refrigerator Co., 827 Koeln av, St. Louis, Mo.
Payson Mfg. Co. ("Universal"), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Tiebout W. & J., 118 Chambers, New York
Western Brass Mfg. Works (Brass, Bronze & Malleable Iron, Japanned), Marshall blvd & W 21st, Chicago, Ill.

7241—Latches (Screen & Storm Door)

Corbin P. & F., New Britain, Conn.
Watrous Acme Mfg. Co., Des Moines, Ia.

7242— Latches (Shutter)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd. & W 21st, Chicago, Ill.

Latches (Sliding Door)

See Locks & Latches, Sliding Door

7243— Latches (Spring)

Hardware Supply Co., Grand Rapids, Mich.

Latches (Thumb)

See Latches, Gate

7244—Latches (Water Closet)

Brewer Bros. Co., 2nd & Somerset, Phila., Pa.
Corbin P. & F., New Britain, Conn.
Ives H. B. Co., New Haven, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.

7245-6—Lath Binders & Trimmers

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Butterworth & Lowe (Combined), Grand Rapids, Mich.
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Concrete Steel Co., 42 Broadway, New York
Diamond Iron Works, 2nd & 18th, Av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Lane Mfg. Co., Montpelier, Vt.
Lyon Iron Works, Greene, N. Y.
Mitts & Merrill, Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co. (Lath Bundler), Eau Claire, Wis.
Standard Saw Mill Machy. Co., Erie, Pa.
Wickes Bros., Saginaw, Mich.

Lath Bolters

See Lath Mills & Bolters

7247— Lath (Expanded Metal)

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EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
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Fireproof Products Co., 257 E 133rd, New York
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Hastings Foundry & Iron Works, Hastings, Neb.
IGOE BROTHERS (& Perforated Metals), 61-73 Metropolitan av, Brooklyn, N. Y.
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Milwaukee Corrugating Co. ("Netmesh" "Diamond" Expanded), Milwaukee, Wis.
Northwestern Expanded Metal Co. ("Chanelath," Kno-Burn"), Old Colony bldg, Chicago, Ill.
Penn Metal Co. ("Penco," "Hampton"), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sharon Steel Hoop Co. ("Mahoning"), Sharon, Pa.
Special Service Flooring Corp., 2009 Grand Terminal, New York
Sykes Metal Lath & Roofing Co., Niles, O.
Truscon Steel Co. (Hy, Rib & Rib Lath), Youngstown, O.
YOUNGSTOWN PRESSED STEEL CO., ("Ideal" "Machinery," "Youngstown"), Warren, O. *See adv index at end of book*

7248— Lath (Metal)

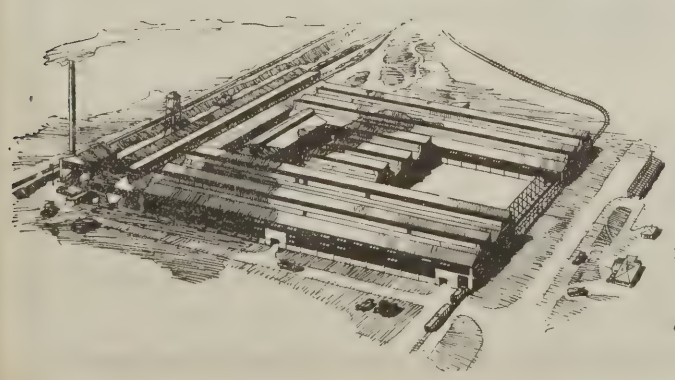
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Brooklyn Metal Ceiling Co. ("Brooklyn"), 287 Greene av, Brooklyn, N. Y.
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Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
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Special Service Flooring Corp., 2039 Grand Central Terminal, New York
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Sykes Metal Lath & Roofing Co., Niles, Ohio
Truscon Steel Co. (Hy-Rib & Rib Lath), Youngstown, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.
Youngstown Pressed Steel Co., Warren, O.
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7249— Lath Mills & Bolters

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See Lathes, Handle Turning

7254—Lathes (Axle Turning)

Betts Machine Co., 420 Blossom rd., Rochester, N. Y.
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Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
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Niles-Bement-Pond Co., 111 B'way, New York
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Flather Mfg. Co., Nashua, N. H.
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Waltham Lathe & Mfg. Co., ("Waltham"), Waltham, Mass.
Welch T. F. Co., 55 Sudbury, Boston, Mass.

Lathes (Bobbin)

See Spool & Bobbin Machinery

7258— Lathes (Bolt & Stud)

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Shepard Lathe Co. (Turret), Canal & Jackson, Cincinnati, O.

7268—Lathes (For Turning Sugar Cane Rolls)
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Blymer Iron Works Co., Cincinnati, O.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.

Lathes (Forging)
See Lathes, Engine.

7269— Lathes (Forming)
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Dreses Machine Tool Co., Cincinnati, O.
Meriden Machine Tool Co., Meriden, Conn.
Niles-Bement-Pond Co., 111 B'way, New York

Lathes (Fox Monitor)
See Lathes, Brass Finishers

Lathes (Gap)
See Lathes, Engine.

7270— Lathes (Gauge)

American Woodworking Machinery Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Goodspeed Machine Co., Winchenden, Mass.
Smith H. B. Machine Co. (Brown & Howe's Automatic), Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Whitney Baxter D. & Son (Black Knife), Winchendon, Mass.

Lathes (Granite Column)

See Machinery, Stone Polishing

Lathes (Granite Polishing)

See Machinery, Stone Polishing; also Lathes Stone Polishing

7271— Lathes (Grinding)

Globe Electric Co., 6340 Stony Island av, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Tindel Morris Co. ("Tindel Allbrecht"), Eddystone, Pa.

7272— Lathes (Gun Stock)

Gilman & Son, Springfield, Vt.

7273—Lathes (Gun Turning & Boring)

See also Gun Barrel Turning Machines

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Elyria Mach. Co., Elyria, O.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Johnson I. H. Jr. Co., 337 No 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Warren Mach. Prods. Co., Warren, Pa.

7274—Lathes (Hand & Drilling)

Barnes W. F. & John Co., Dept. H, Rockford, Ill.
Dreses Machine Tool Co., Cincinnati, O.
Garvin Machine Co., 147 Varick, New York
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Meriden Machine Tool Co., Meriden, Conn.
Niles-Bement-Pond Co, 111 Broadway, New York
Oliver W. W. Mfg. Co. (Foot & Power), 1483 Niagara Buffalo, N. Y.
Seneca Falls Mfg. Co. ("Star," Foot & Power), Seneca Falls, N. Y.
Whitcomb, Blaisdell Machine Tool Co. 677 Cambridge, Worcester, Mass.

7275—Lathes (Handle Turning)

American Wood Working Machinery Co., Rochester, N. Y.
Bradley H. C., Bridgeport, Conn.
Defiance Machine Works (Hammer, Hatchet & Canthook), Defiance, O.
Empire Machine Works, Mount Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Gerlach Peter Co. (Automatic for Turning & Boring for Pail, Tool & Other Short Handles), 1712 Winter, Cleveland, O.
Kline Lewis T. (Automatic Broom Handle, etc), Alpena, Mich.
Klotz Machine Co., Sandusky, O.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie, 514 S Canal, Chicago, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Waymoth A. D. & Co., Fitchburg, Mass.
Wilder Chas. W. (Auger, Paint Brush, File, etc), Fitchburg, Mass.

7276—Lathes (Hard Rubber)

Adamson Machine Co., Akron, O.
See adv index at end of book
Smith James M. (For Hard Rubber Turning), Seymour, Conn.

7277— Lathes (Hat Block)

Gilman & Son, Springfield, Vt.

Lathes (Ingot)

See Lathes, Engine

7278— Lathes (Insulator)

Defiance Machine Works (Turning & Threading), Defiance, O.

7279— Lathes (Jar Ring)

Adamson Machine Co., Akron, O.
See adv index at end of book
Thropp Wm. R. & Sons Co. (Automatic), Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

7280— Lathes (Journal Truing)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Dunn W. C. Co., 832 W 6th, Cincinnati, O.

7281— Lathes (Knurling)

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7282— Lathes (Laboratory)

Bowers Machine Co., Lancaster, Pa.
Butler-Edwards Electric Co., Easton, Pa.
Ritter Dental Mfg. Co. ("Ritter" Electric), Rochester, N. Y.

7283— Lathes (Lacquering)

De Vilbiss Mfg. Co. (For Pneumatic Brush Spraying), Toledo, O.

7284— Lathes (Last)

Gilman & Son, Springfield, Vt.
Kimball Bros. & Sprague (Blocks & Turning), Brockton, Mass.

7285—Lathes (Manual Training)

Blount J. G. Co., Everett, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Seneca Falls Mfg. Co. ("Seneca Falls"), Seneca Falls, N. Y.

Lathes (Marble Turning)

See Stone Sawing Machinery

Lathes (Metal Spinning)

See Lathes, Spinning

Lathes (Monitor)

See Lathes, Turret

Lathes (Neck-Yoke & Single-Tree)

See Neck Yoke & Singletree Machinery

Lathes (Oil Groove Cutting)

See Spiral Oil Grooving Machines

7286—Lathes (Optical Grinding)

Carr Jos. Co. (Also Discs), 132 N 7th, Phila., Pa.
Potter S. A. Tool & Mach. Wks., 79 E 130th, New York

7287-8—Lathes (Pattern Makers)

American Wood Working Machinery Co., Rochester, N. Y.
Blount J. G. Co. (Set-Over Swivel Tailstock, etc), Everett, Mass.
Cordesman Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Dasch Mfg. Co., Bridgeport, Conn.
Fay J. A. & Egan Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Oliver Machinery Co. (Face), Grand Rapids, Mich.
Partridge E. O., 2039 W Lake, Chicago, Ill.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Purdy Chester, Ghent, O.
Robbins Machine Co., Worcester, Mass.
Sidney Machine Tool Co., Sidney, O.
Valley City Machine Works, Grand Rapids, Mich.
Victor Machine & Lbr. Co., Inc., Buffalo, N. Y.

Lathes (Polishing)

See Lathes, Buffing & Polishing

7289— Lathes (Precision)

See also Lathes, Watchmakers

AMES B. C. CO ("Ames" Bench), North Station, Waltham, Mass.
See adv index at end of book
Advance Dairy Machinery Co., Canton, O.
Cleveland Machinery & Supply Co., Union bldg, Cleveland, O.
Dalton Mfg. Corp., 1915 Park av, New York
Elgin Tool Works (Bench), Elgin, Ill.
Flather Mfg. Co., Nashua, N. H.
Goodell-Pratt Co., Greenfield, Mass.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Hjorth Lathe & Tool Co. (Bench), 27 School, Boston, Mass.
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stark Tool Co. ("Stark" Bench), Waltham, Mass.
Summit Machine Works ("Summit"), 54 Hermon, Worcester, Mass.
Wade American Tool Co. (Screw Cutting), 311 Atlantic av, Boston, Mass.

Lathes (Projectile Boring & Turning)

See Lathes, Gun Turning & Boring

7290-1-2—Lathes (Pulley Turning)

American Tool Works Co., Cincinnati, O.
Avey Drilling Machine Co. ("Street"), Covington, Ky.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Fay Machine Tool Co., 2d & Glenwood av, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York

7293—Lathes (Roll Turning)

See also Machinery, Rolling Mill

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Fulton Iron Works Co., (Sugar Mill), St. Louis, Mo. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
National Roll & Foundry Co., Avonmore, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
United Engineering & Foundry Co., Farmers Bk. bldg., Pittsburgh, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

7294— Lathes (Roughing)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Boye & Emmes Machine Tool Co., Cincinnati, O.
Houston, Sanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Mass.

7294a—Lathes (Rubber Cutting)

Crossley Machine Co. (For Fruit Jar Rubbers), State & Chestnut av, Trenton, N. J.

7295—Lathes (Screw Cutting)

See also Lathes, Engine; also Lathes, Turret; also Screw Machines

American Tool Works Co. (Screw-Cutting Engine), Cincinnati, O.
Automatic Machine Co. (Automatic for Worms & Screws), Bridgeport, Conn.
Barker William & Co., Wheeler & Pleasant av, Cincinnati, O.
Barnes W. F. & John Co. (Foot Power), Rockford, Ill.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Bradford Machine Tool Co., Cincinnati, O.
Champion Blower & Forge Co. ("Lancaster"), Lancaster, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Crawford Machine & Tool Co., Inc. (15 in. Tool Room), 21 Park row, New York
Davis Machine Tool Co., Rochester, N. Y.
Driggs Ordnance & Mfg. Corp., New Haven, Conn.
Fay Machine Tool Co. (Automatic), 2d & Glenwood av, Phila., Pa.
Fay & Scott, Dexter, Me.
Flather & Co., Nashua, N. H.
Greaves, Klusman Tool Co., Cincinnati, O.
Hamilton Machine Tool Co., Hamilton, O.
Hendey Machine Co. ("Hendey" for Precision Screw Cutting), Torrington, Conn.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Mafreo Machine & Tool Co., Worcester, Mass.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Mass.
Millholland Mach. Co., W 23rd & Belt RR, Indianapolis, Ind.
Monarch Machine Tool Co. ("Monarch"), Sidney, O.
Niles-Bement-Pond Co., 111 B'way, New York
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Perkins F. S. Co., Lowell, Mass.
Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
Rahn-Larmon Co., Cincinnati, O.
Reed & Prentice Co. (12 inch to 27 inch), 677 Cambridge, Worcester, Mass.
Sebastian Lathe Co. (Foot), Covington, Ky.
Seneca Falls Mfg. Co. ("Star"), Seneca, Falls, N. Y.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
South Bend Lathe Works (13-15-16-18-21 & 24-in.), South Bend, Ind.
Stark Tool Co. ("Stark" Chasing), Waltham, Mass.
Westlund C. G. Co. ("Westlund"), 498 Millbury, Worcester, Mass.

7296—Lathes (Shaft Turning)

American Tool Works Co., Cincinnati, O.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Houston, Stanwood & Gamble Co., 3rd & Philadelphia, Cincinnati, O.
Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Springfield Machine Tool Co., Springfield, Ohio
Tindel, Morris Co. ("Tindel Albrecht," Crank-Shaft, etc), Eddystone, Pa. & Ellwood City, Pa.

7296a—*Lathes (Shell Turning & Boring)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*

Lathes (Shoe Last Turning)

See Lathes, Last

7297— Lathes (Speed)

See also Lathes, Engine

Blount J. G. Co., Everett, Mass.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Fay & Scott, Dexter, Me
Garvin Machine Co., 147 Varick, New York
Grabo E. O. Machine Works (For Brass, etc), 180 Centre, New York
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Oliver Machinery Co. (For Wood), Grand Rapids, Mich.
Reed-Prentice Co., 677 Cambridge, Worcester, Mass.
Sebastian Lathe Co., Covington, Ky.

7298— Lathes (Spinning)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garvin Machine Co., 147 Varick, New York
Grabo E. O. Machine Works, 180 Centre, New York
Kane & Roach, Syracuse, N. Y.
Manville E. J. Machine Co., Waterbury, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Oliver Machinery Co., Grand Rapids, Mich.
Parker Charles Co., Meriden, Conn.
Pryibil P. Machine Co., 520 W 41st, New York
Purdy Chester, Ghent, O.
Reinforced Concrete Co. (Metal), St. Louis, Mo.
Stoll D. H. Co., Buffalo, N. Y.
Wilcox Mfg. Co. ("Schulz"), 4824 W Lake, Chicago, Ill.

7299— Lathes (Spoke)

See also Lathes, Handle Turning; also Lathes, Wood Turning

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

Lathes (Spool)

See Spool & Bobbin Machinery

7300— Lathes (Staff)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

7301—Lathes (Stone Polishing)

Ellison Bros., Frankford, Phila., Pa
Hinds Thomas Co., Malone, N. Y.
Lincoln Iron Works, Rutland, Vt.
Patch F. R. Mfg. Co., Rutland, Vt.
Perkins Lloyd (For Sawing & Polishing, Rocks, Minerals, etc), Middleboro, Mass.
St. Cloud Iron Works Co., St. Cloud, Minn.

7302— Lathes (Strapping)

Bridgeport Safety Emery Wheel Co., ("Bridgeport Safety"), 88H Knowlton, Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

7302a— Lathes (Threading)

Automatic Machine Co. (Automatic), Bridgeport, Conn.

7302b—*Lathes (Tool Makers)

See also Specific Heading

Crawford Machine Tool Co., (15-in.), 21 Park row, New York

7303— Lathes (Treenail)

Trevor Mfg. Co., Lockport, N. Y.

7304— Lathes (Trimming)

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury, Farrel Foundry & Machine Co., Waterbury, Conn.

7305— Lathes (Turntable)

Pratt & Whitney Co. (With Cross Sliding Turntable), Hartford, Conn.

7306— Lathes (Turret)

See also Screw Machines

Acme Machine Tool Co. (Flat), 4955H Springgrove av, Cincinnati, Ohio
American Tool & Machine Co. ("Fox" Brass Finishers), 10 High, Boston, Mass.
American Tool Works Co., Cincinnati, O.
Bardons & Oliver, Cleveland, Ohio
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Bradford Machine Tool Co., Cincinnati, O.
Bullard Machine Tool Co. (Vertical combination turret) Bridgeport, Conn.
Davies Machine Tool Co. ("Davis" Turret Head Boring, Forming & Turning), Rochester, N. Y.
Dodge H. C., Inc., 46 Alger, Boston, Mass.
Dreses Machine Tool Co. (Universal), Cincinnati, O.
Fay & Scott, Dexter, Me.
Foster Machine Co., Elkhart, Ind.
Fulton Mach. Tool Co., 1422 W Randolph, Chicago, Ill.
Garvin Machine Co., 147 Varick, New York
Gisholt Machine Co. (For Both Bar & Chucked Work, 13 to 14½ inches, also Automatic for Chucking Work), Madison, Wis.
Greaves, Klusman Tool Co., Cincinnati, O.
International Machine Tool Co. ("Libby"), Indianapolis, Ind.
Jones & Lamson Machine Co. (Flat), Springfield, Vt.
Levi Benjamin, 355 W B'way, New York
Lodge & Shipley Machine Tool Co., Cincinnati, Ohio
Mafreto Machine & Tool Co., Worcester, Mass.
Meriden Machine Tool Co., Meriden, Conn.
Millholland Mach. Co., W 23rd & Belt RR, Indianapolis, Ind.
National Acme Mfg. Co. ("Gridley" Multiple Spindle Automatic), 7500 Stanton av, S E, Cleveland, O.
New Britain Machine Co. ("New Britain," Multiple Spindle Automatic), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Potter & Johnston Machine Co. (Double Turret Manufacturing), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Rahn-Larmon Co., Cincinnati, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Shepard Lathe Co., Canal & Jackson, Cincinnati, O.
Springfield Machine Tool Co. ("Fox") Springfield, Ohio
Steinle Turret Machine Co. ("Steinle" Full Swing, Side Carriage), Madison, Wis.
Victor Lathe Co., 151 Lafayette, New York
Warner & Swasey Co. (Hollow, Hexagon, Turret Screw, etc), 5809 Carnegie av, Cleveland, O.
Wood Turret Machine Co. (The Tilted Turret), Brazil, Ind.
Woods S. A. Machine Co. ("Blood," "Dodge"), 27 Damrell, Boston, Mass.

7307-8—Lathes (Variety Turning

Bradley H. C., Bridgeport, Conn.
Defiance Machine Works (Also Variety Boring), Defiance, O.
Fitchburg Machine Works ("Lo-Swing"), Fitchburg, Mass.
Frary Mfg. Co. (Automatic Wood Turning), Charlemont, Mass.
Kline Lewis T. (Automatic), Alpena, Mich.
Mattison C. Machine Works, Rockford, Ill.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie Co., 514 S Canal, Chicago, Ill.
Waymoth A. D. & Co. (Self-Centering & Self-Adjusting, etc), Fitchburg, Mass.
Wilder Chas. W. (For Small Turnings of All Kinds), Fitchburg, Mass.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

Lathes (Veneer)

See Veneer Cutting Machines

7309—Lathes (Watchmakers')

See also Lathes, Precision

Davenport Machine Tool Co. (Automatic Staff Lathes for Watch Pinions), New Bedford, Mass.
Derbyshire F. W., Waltham, Mass.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Moseley Lathe Co., Elgin, Ill.
Rivett Lathe & Grinder Co., Brighton, Boston, Mass.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Wade-American Tool Co., 311 Atlantic av, Boston, Mass.

7310— Lathes (Winding)

Pittsburgh Machine Tool Co., Braddock, Pa.
Sommerfeld Machine & Mfg. Co. (For Winding Coils), 216 2d av, Pittsburgh, Pa.

7311—Lathes (Wood Polishing)

Bradley H. C., Bridgeport, Conn.
Oliver Machinery Co., Grand Rapids, Mich.

7312—Lathes (Wood Pulley)

Defiance Machine Works, Defiance, O.

7313—Lathes (Wood Working)

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machy. Co., Rochester, N. Y.
Artistic Wood Turning Works (Automatic), 515 W Halsted, Chicago, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Barnes W. F. & John Co., Rockford, Ill.
Carey W. W. Co., Lowell, Mass.
Cordesman, Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Hall & Brown Woodworking Machine Co., 1929-33 N Bway, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Maine Machine Wks., 701 N Main, Los Angeles, Cal.
Mattison C Machine Works, Rockford, Ill.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Partridge E. O., 2039 W Lake, Chicago, Ill.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pringle & Brodie Co. (Back Knife Variety Turning), 514 S Canal, Chicago, Ill.
Price W. R., Inc., 127 5th av, New York
Pryibil P. Machine Co., 520 W 41st, New York
Purdy Chester, Ghent, O.
Sidney Machine Tool Co., Sidney, O.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co. (Turnings up to 8 in), Lockport, N. Y.
Valley City Machine Works, Grand Rapids, Mich.
Waymoth A. D. & Co. (Variety, etc), Fitchburg, Mass.
Wilder Chas. W., Fitchburg, Mass.

7314—Lathes (Worm Threading)

Automatic Machine Co. (Automatic), Bridgeport, Conn.

7315— Lathes (Yacht Spar)

Trevor Mfg. Co., Lockport, N. Y.

7316— Lathes (Zinc)

National Tank & Pipe Co., Kenton Sta., Portland, Ore. *See adv index at end of book*
Pacific Tank & Pipe Co. (For Cutting Zinc Shavings), 318 Market, San Francisco, Cal.

7317— Laughing Galleries

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.

Launches

See Motor Boat, Launch & Yacht Builders

Laundry Dryers

See Clothes Dryers

Laundry Irons (Electric)

See Sad Irons, Electric

Laundry Irons (Gas)

See Sad Irons

7318—Laundry Tubs (Artificial Stone)

Adams E. G., Kingston, N. Y.
Anchor Stone Co., 2937 Lyndale, S Minneapolis, Minn.
Chicago Granitine Mfg. Co. ("Granitine," "Princess," "Snow White"), 3619 Wall, Chicago, Ill.
Hardin Lavin Co., 4543 Cottage Grove av, Chicago, Ill.
Household Granite Tub Co., New Haven, Conn.
Kingston Granite Tub Works, Kingston, N. Y.
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.

LAUNDRY TUBS (ARTIFICIAL STONE)—continued

New Haven Granite Works ("Blue Rock"), New Haven, Conn.
Peerless Granite Co., Town of Union, N. J.
Robinson Stoneware Co., 226 Newell, Brooklyn, N. Y.
Standard Elsmere Granite Works ("Elsmere Granitine"), 1756 N Spaulding av, Chicago, Ill.
Wessels D. D. (Cement), 501 E. Euclid, Detroit, Mich.

Laundry Tubs (Enameled Iron)

See Bath Tubs, Enameled Iron

7319—Laundry Tubs (Euclid Stone)

Euclid Mfg. Co., Paden City, W. Va.
Euclid Stone & Brick Co. (& Lakewood A. A. Grade), Cleveland, O.

7320—Laundry Tubs (Glazed Fire Clay)

Gladding, McBean & Co., Crocker bldg, San Francisco, Cal.

Laundry Tubs (Porcelain)

See Bath Tubs, Porcelain

7321— Laundry Tubs (Slate)

American Slate Co., Easton, Pa.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Bangor Structural Slate Co., Bangor, Pa.
Cleveland Mantel & Tile Co., 1426 E 30th, Cleveland, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hinchey Patrick F. & Co., Hydeville, Vt.
International Slate Co., Slatington, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works ("Empire"), 255 E 138th, New York
Ontalaunce Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Slatington Slate Co., Slatington, Pa.
Snyder E. F., Slatington, Pa.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Williams Slate Co., Arvonia, Va.

7322—Laundry Tubs (Soapstone)

Alberene Stone Co., 223 E 23d, New York
Butler Philip H. & Co., 197 B. S., Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
Phoenix Soapstone Co., 71 Murray, New York
Robinson Stoneware Co., 226 Newell, Brooklyn, N. Y.
Sanitas Mfg. Co. ("Marshfield"), 105 Washington, Boston, Mass.
Troy Bros. & Co., 975 Massachusetts av, Rox., Boston, Mass.
Union Soapstone Co., 14 Marshall, Boston, Mass.

7323— Lava

American Lava Corp. ("Alco"), Chattanooga, Tenn.
Colonial Mfg. Co., Chattanooga, Tenn.
Crescent Burner Mfg. Co., 116 E 27th, New York
Kirchberger & Co. M., 116 E 27th, New York
Steward D. M. Mfg. Co. ("Lavite"), Chattanooga, Tenn.

7324— Lavatories (Folding)

Sands A. B. & Son Co. ("Sands"), 22 Vesey, New York

7325— Lavatories (Ship)

Bishop's Wm. Sons, 18 James, New York
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Jenkins Mfg. Co., Bloomfield, N. J.
Laughlin Thos. Co. (Folding), Portland, Me. *See adv index at end of book*
Nason Mfg Co. (Jobbers), 71 Fulton, New York
Sands A. B. & Son Co. (Folding & Stationary), 22 Vesey, New York
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.

7326— Lavatories & Fittings

For Enamel or Porcelain Lined Iron Lavatories, see Bath Tubs, Enameled Iron

Barnes Mfg. Co. (Enameled Lavatories), Mansfield, O.
Barrett James Mfg. Co. ("Cutler," "Elba," "Hecla," "Midget," "Talma," "Thaba" & "Tunis"), 117 Pearl, Boston, Mass.
Blairsville Sanitary Co. (Enameled Iron), Blairsville, Pa.
Cahill Iron Works ("Southern Beauty" Enameled Iron), Chattanooga, Tenn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbia Sanitary Mfg. Co. (Enameled Ware), Louisville, Ky.
Crane Co. (Car, Dental & Marine), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Dalton-Ingersoll Co., 500 Chauncy, Boston, Mass.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Ebinger D A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Edwardsville Brass Co., Edwardsville, Ill.
Euclid Stone & Brick Co. (Shower Lavatories for Factories, Stone), Cleveland, Ohio
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fords Porcelain Works (Porcelain), Perth Amboy, N. J.
General Ceramics Co. ("Phoenix," Porcelain), 50 Church, New York
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Haines, Jones & Cadbury Co. ("Hajoca," "Vitreo," "Regal" Porcelain Enameled), 1136 Ridge av, Phila., Pa.
Humphryes Mfg. Co. (Enameled Iron, Porcelain Lined), Mansfield, O.
Iron City Sanitary Mfg. Co., Dept. H, Oliver bldg., Pittsburgh, Pa.
Jackson Potteries Co. Inc. (Toilet Closets & Bowls), Fulton bldg, Pittsburgh, Pa.
Kohler Co. (Enameled Iron Lavatories), Dept. H, Kohler, Wis.
McCambridge Co., 315 N 20th, Phila., Pa.
McVay-Walker Co., Braddock, Pa.
Mann Mfg. Co., 17 W Parkway, N S, Pittsburgh, Pa.
Manufacturing, Equipment & Engineering Co. (Multiple Range Wash Bowls, Plain Iron Galvanized or Vitrified Porcelain Enamel), 136 Federal, Framingham, Mass.
Monument Pottery Co. (Lavatories), Trenton, N. J.
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Nelson N. O. Marble Co. (Marble Lavatories), Edwardsville, Ill.
Peck Bros. & Co., New Haven, Conn.
Penn Enameled Sink Co., Indiana, Pa.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Rowe Sanitary Mfg. Co. (Sanitary), 210 Sixth av, Detroit, Mich.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Rundle-Spence Mfg. Co. (Fittings Only), 63 2d, Milwaukee, Wis.
Sanitas Co. ("Trinity," "Crescent," "Premier," "Bristol," "Exeter," "Faneuil," "Grafton," "Dartmouth," "Caldwell," "Arlington," "Mignon," "Marboro," "Beacon," "Newbury"), 105 Washington, Boston, Mass.
Speakman Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Watrous Co. ("Watrous," White Metal Lavatory Fittings), 524 S Racine, Chicago, Ill.
Weiskittel A. & Son Co. (Enameled Iron), 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. (Enameled Iron Lavatories), Wheeling, W. Va.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

7327— Lavatory Trimmings

Douglas Jno. Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Park & McKay, 55 Bagley av, Detroit Mich.
Peck Bros & Co., New Haven, Conn.

Lawn Furniture

See Fountains, Vases, etc.; also Settees & Chairs, Iron; also Settees & Chairs, Lawn; also Rustic Wood Work; also Swings, Lawn

7328— Lawn Mowers

American Lawn Mower Co. ("Favorite," "Advance," "Yale," "Columbia," "Sterling," "New Eclipse," "Pennant," "Liberty," "New Peerless," "Premier," Ball Bearing), Muncie, Ind.
Atlantic Machine & Mfg. Co. ("Merry Garden"), 429 W Prospect av, Cleveland, Ohio
Avery B. F. & Sons ("The Dewey" & "Princess"), Louisville, Ky.
Blair Mfg. Co. ("Easy," "Universal," "Yankee"), Springfield, Mass.
Chadborn & Coldwell Mfg. Co. ("Sunbeam," "Pastime," "Shamrock," "Goldcrest," "Royal Blue." "Aldine," "Delevan," "Lenox," "Excelsior," "Newburgh," "New Model," "Charmer," "Primrose," "Dexter," "Ventnor," "Invincible," "Golden Glow," "Swift Cutter," etc.), Newburgh, N. Y.
Clarinda Lawn Mower Co. ("Cardinal," "Daisy," "Universal"), Clarinda, Ia.
Clipper Lawn Mower Co. ("Clipper" Hand & Pony, Cuts Grass Any Height), Dixon, Ill.
Coldwell Lawn Mower Co. ("Lakewood," "Imperial," "Coldwell," Hand, Horse & Motor), Newburgh, N. Y.
Dille & McGuire Mfg. Co. (Hand, "Diamond," "Star," "King," "Aero," "New England," "Matchless," "Perfection," "Glide," "Richmond," "Queen," "Western," "New Magic," "Supreme," "High Speed," "Greenwood"), Richmond, Ind.
Eclipse Lawn Mower Co. ("Eclipse," Self-Sharpening), Prophetstown, Ill.
Elwood Lawn Mower Mfg. Co., Elwood, Ind.
F. & N. Lawn Mower Co. ("Great Arrow," "Ideal," "Crestlawn," "May Flower," "New American," "Auto," "Famous," "Admiral," "Director," "Baby Grand," Ball Bearing; "Worthmower," "Victor," "Annex," "Clover Leaf," "Trojan," "Paragon," "Melrose," "Fenden," Plain Bearing), Richmond, Ind
Granite State Mowing Machine Co. ("Granite State," "Hampshire," "Queen," "New Mystic," "New Rover," "Leader"), Hinsdale, N. H.
Herschel R. Mfg. Co. ("Herschel"), Peoria, Ill.
Ideal Power Lawn Mower Co. ("Ideal"), Lansing, Mich.
Mast, Foss & Co. ("Buckeye" Ball Bearing), Springfield, O.
Mathews & Boucher ("Genesee"), 264 Exchange, Rochester, N. Y.
Penna. Lawn Mower Works ("Pennsylvania," "Pennsylvania Junior," "Continental," "Great American," "Ball Bearing," "Quaker City," "Red Cloud," Ball Bearing, "Orchid," Ball Bearing, "Panama," "Pennsylvania Golf," "Pennsylvania Putting Greens"), 1615 N 23rd, Phila., Pa.
Penna. Lawn Mower Works ("Pennsylvania Pony," "Pennsylvania Standard," "Pennsylvania Grand," "Pennsylvania Trio"), 1615 N 23rd, Phila., Pa.
Phila. Lawn Mower Co., ("Graham," All Steel, "Genuine," "Philadelphia," "All Day," "Dewey," "Drexel," "H. H.," "New," "College," "University"), 3101 Chestnut, Phila., Pa.
Reading Hardware Co. ("Reading"), Reading, Pa.
Stearns E. C. & Co. ("Stearns," "Matchless," "Royal," "Ball Bearing"), 450 Oneida, Syracuse, N. Y.
Supplee-Biddle Hardware Co. ("Pennsylvania" Ball Bearing, "Continental," "Great American" Ball Bearing, Self-Sharpening, "Bellevue" Ball Bearing, "New Quaker," "New Departure," "Girard," "Electric," "Westfield," "Daisy," "Orchid," "Shock Absorber"), 510 Commerce, Philadelphia, Pa.
Townsend S. P. & Co. (Lawn Mowers "Lyon," "Spider," "Victor," "Premier," "Essex," "Orange," "Matchless," All Ball Bearing; "Townsend" Chain Roller Mower), Orange, N. J.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Worcester Lawn Mower Co. ("Worcester," "Highland," "Homestead" & "Green Mountain," "Elm Park," "Wizard," "Commonwealth," "Mount Tour," "New England," "Tip Top"), Worcester, Mass.

7329—Lawn Mowers (Gasoline Motor)

Coldwell Lawn Mower Co., Newburgh, N. Y.
Ideal Power Lawn Mower Co., Lansing, Mich.
Philadelphia Lawn Mower Co. ("Phila.," "Eagle," Improved Motor Lawn Mowers), 3101 Chestnut, Phila., Pa.

7330—Lawn Mowers (Horse)

Chadborn & Coldwell Mfg. Co. ("New Excelsior"), Newburgh, N. Y.
Coldwell Lawn Mower Co. ("Coldwell"), Newburgh, N. Y.
Phila. Lawn Mower Co. ("Eagle," "Pony," "Genuine Phila."), 3101 Chestnut, Phila., Pa.
Supplee-Biddle Hardware Co. ("Pennsylvania"), 510 Commerce, Phila., Pa.
Townsend S. P. & Co. ("Townsend's" Triple Ratchet), Orange, N. J.

7331— Lawn Sprinklers

ALLEN W. D. MFG. CO., ("Pluvius," "Columbia," "Midget," "Twentieth Century," "Mayflower," "Cyclone," "Anaconda," "Preston," "Turbine," "Colorado," "Yankee," "Blake," "Hartford," "Busy," "Eureka," "Newport," "Australian," "Evanston"), 566 W Lake, Chicago, Ill.
See adv index at end of book
American Foundry & Mfg. Co. ("Cactus," "Japanese," "Park," "National," "Pacific," "Imperial"), 11th & Hebert, St. Louis, Mo.
Beaton & Caldwell Mfg. Co. ("Gem"), New Britain, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cadwallader Thos. ("Champion" Lawn Spray), Salem, O.
Crabill Hose Clamp Co., Battle Creek, Mich.
DEMING CO. ("Success"), Salem, O.
See adv index at end of book
Detroit Lead Pipe Works, Detroit, Mich.
Elkhart Brass Mfg. Co. ("Hoosier"), Elkhart, Ind.

LAWN SPRINKLERS



Most of the lawn sprinklers made are produced in our factory. We make all varieties, including stationary and revolving head sprinklers. Complete catalog and prices on request.

W. D. ALLEN MFG. Co
566-570 WEST LAKE STREET,
CHICAGO, ILL.

Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Fellows J. B. & Co., Boston, Mass.
Hardware Supply Co. ("Triumph," "Rainbow"), Grand Rapids, Mich.
Haydenville Co., Haydenville, Mass.
Hero Mfg. Co. ("Hero"), Westmoreland av & Stokley, Phila., Pa.
Jones M. D. Co., 73 Portland, Boston, Mass.
Landers, Frary & Clark ("Crown"), New Britain, Conn.
Nelson L. R., 1810 S Washington, Peoria, Ill.
Neumeyer H. F. & Son ("New"), Macungie, Pa.
Noera Mfg. Co. ("Noera," "Waterbury"), Waterbury, Conn.
Novelty Mfg. Co. ("Niagara"), Waterbury, Conn.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Peck Bros. & Co., New Haven, Conn.
Peoria Can Co. (Square or Round Spray), Peoria, Ill.
Reade & McKenna (& Sprays), 614 60th, Brooklyn, N. Y.
Rock Island Mfg. Co. (& Sprays), Rock Island, Ill.
Sherman H. B. Mfg. Co. ("Duo Nozzle," also Rose Sprinklers), Battle Creek, Mich.
Spray Engineering Co. ("Young Fountain," "Jack-in-the-Box," "Boston Giant," "Park Sprinkler"), 60 High, Boston, Mass.
Standard Stamping Co., Huntington, W. Va.
Stearns E. C. & Co. ("Stearns" Reversible"), 450 Oneida, Syracuse, N. Y.
Stuber & Kuck Co. ("Perfect"), Peoria, Ill.
Thompson Mfg. Co., 2468 E 8th, Los Angeles, Cal.
Wilgus Mfg. Co. ("Wilgus"), Los Angeles, Cal.

7332—Leaching Apparatus (Tanners')

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machy. Co. ("Turner"), Peabody, Mass.

ANTIMONIAL, BAR, PIG, PIPE, WIRE, SHEET LEAD
UNION SMELTING & REFINING CO., INC.
New York Chicago Newark, N. J. Detroit Baltimore Cleveland

7332a— Lead Acetate

Bredt F. & Co., 240 Water, New York *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

ALEX. FERGUSSON JR.
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WAREHOUSE STOCKS
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Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co. (Crystals & Solutions), 25 Broad, New York
Grasselli Chemical Co. (Brown & White), Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Naugatuck Chemical Co., Naugatuck, Conn.

7333— Lead (Antimonial)

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Balbach Smelting & Refining Co., 280 Broadway, New York
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Bunker Hill & Sullivan M. & C Co. ("Bunker Hill"), Crocker bldg, San Francisco, Cal.
Central Smelting & Refining Co., Borden av & Haywood, L. I. City, N. Y.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Eagle Smelting & Refining Works, 233 B'way, New York
International Minerals & Metals Corp., 61H Broadway, New York
Metals Refining Co., Inc., Edison bldg, Chicago, Ill.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co., Phila., Pa.
United Lead Co., 111 B'way, New York
U. S. Metals Refining Con., 61 B'way, New York
Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York *See adv index at end of book*

7333a— Lead Arsenate

Corona Chemical Co. ("Corona Dry" Powdered), 213 Lake, Milwaukee, Wis.
Dow Chemical Co. (Paste & Powder), Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Lavanburg Fred L., 100 William, New York
Leggett & Bros., 301 Pearl, New York
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co. ("Swift's"), 148 State, Boston, Mass.
Riches River & Co., 30 Church, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

7334— Lead (Bar)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
American Smelting & Refining Co., 120 B'way, New York
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Central Smelting & Refining Co., Borden av & Haywood, L. I. City, New York
Coates, Bennett & Reidenbach, Rochester, N. Y.
Detroit Lead Pipe Works, Detroit, Mich.
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Lawrence Shot & Lead Co., Omaha, Neb.
Lehigh Chemical Co., Allentown, Pa.
Merchant & Evans, Washington av & 21st, Phila., Pa.
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. Indestructible Gasket Co., Church & Fulton, New York *See adv index at end of book*

Lead (Black)

See Black Lead

7335— Lead (Blue)

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Eagle Picher Lead Co. ("Sublimed," in oil), 208H S La Salle, Chicago, Ill.

7336— Lead Burning Outfits

Albernethy John F., 703 Myrtle av, Brooklyn, N. Y.
Am. Lead Burning Co., Inc. (For Chemical Plants), 30 Church, New York
Bastian-Blessing Co. (Battery Welding), 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Carbo-Hydrogen Co. of America, Benedum Trees bldg, Pittsburgh, Pa.
Cox Brass Mfg. Co. ("Orihim"), Albany, N. Y.
Dyer H. G. Co., Cambridge, Mass.
Fidelity Brass Mfg. Co., 1001 W Washington blvd., Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Storage Battery Supply Co. (For Storage Batteries, etc), 239 E 27th, New York
Torchweld Equipment Co., 224 N. Carpenter, Chicago, Ill.

Lead Calking

See Lead Wool

7337— Lead (Came)

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co., Boston, Mass.
Crown Metal Co., 259 Washington, Milwaukee, Wis.
Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Nat'l Lead Co., 111 B'way, New York
No. Amer. Cooper Co., 52 Vanderbilt av, New York
United Lead Co., 111 B'way, New York

7337a—Lead—Carbonate (White)

Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

7337b— Lead (Chloride)

Cooper Chas. & Co., 194 Worth, New York

7338— Lead Chromate

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

7338a— Lead Coating (Lohman Process)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

7338b— Lead (Dioxide)

Chemical Co. of Am., 28 Platt, New York
Finkell Wm. T., 103 Maiden lane, New York.
Fuller Ralph L. & Co., 81 Fulton, New York
Savell & Frost, 732 Frankfort av., Cleveland, O.
Shepherd Chemical Co., Beech & Highland, Cincinnati, O.

7339— Lead (Glaziers')

Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Nat'l Lead Co., 111 B'way, New York

7339a— Lead (Hyposulphide)

Doggett Stanley (Black, Imp), 11 Cliff, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.

7340— Lead Joint Remover

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Smith A. P. Mfg. Co. ("French"), East Orange, N. J.

7340a— Lead (Lantern)

Chadwick-Boston Lead Co., Boston, Mass.

7340b— Lead Linoleate

Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.

7340c— Lead (Molybdate)

Foote Mineral Co., Inc., 107 N 19th, Phila., Pa.

7340d— Lead Nitrate

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Acid. & Heavy Chemicals Div., Wilmington, Del. *See adv index at end of book*
Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

7340e—Lead Oxide (Litharge)

(See also Litharge)

Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.

7341— Lead (Pig)

Amercan Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York.
American Zinc, Lead & Smelting Co., 120 B'way, New York
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Brooklyn Alloys Co. (Ingot), 17 Walton, Brooklyn, N. Y.
Bunker Hill & Sulilvan M & C Co. ("Bunker Hill"), Crocker bldg, San Francisco, Cal.
Central Smelting & Refining Co., Borden av & Hopwood, L. I. City, N. Y.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Detroit Lead Pipe Works, Detroit, Mich.
Du Pont E. I. de Nemours & Co. Inc., Salvage & Reclamation Div., Wilmington, Del. *See adv index at end of book*
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.

LEAD (PIG)—continued
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Granby Mining & Smelting Co., St. Louis, Mo.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hendricks Bros., 49 Cliff, New York
Hennings V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Honkamp Bros. (Antimonial & Lead Alloys), 3951 Wentworth av, Chicago, Ill.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
International Lead Refining Co., E. Chicago, Ind.
Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y.
Kramer H & Co., 1330 W 21st pl, Chicago, Ill.
Lawrence Shot & Lead Co., Omaha, Neb.
Lehigh Chemical Co., Allentown, Pa.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.
Metals Refining Co., Inc., Edison bldg, Chicago, Ill.
Nassau Smelting & Refining Works, Ltd., 603 W 29th, New York
National Copper Refining Co., 7003 Quincy, Cleveland, O.
O'Connor J. J. & Co. (Dealer), 1st Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Metal Co., 1137 N 4th, Columbus, Ohio
Penna. Smelting Co., First National Bank bldg, Pittsburg, Pa.
Pearlman M. M. & Co., 1700H S 25th, Phila., Pa.
Richards & Company (Inc.), 192 Beverly, Boston, Mass.
St. Joseph Lead Co., 61 B'way, New York
Sandoval Zinc Co., 410 N. Peoria, Chicago, Ill.
Sofranscy H. Co., Allentown, Pa.
Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.
Union Smelting & Refining Co. Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
United Lead Co., 111 B'way, New York
United Metals Selling Co., 42 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New York
U. S. Reduction Co., E Chicago, Ind.
U. S. Smelting, Ref. & Mining Co., ("U. S. S. Co."), 55 Congress, Boston, Mass.
Van Dyke Smelting & Refining Wks., Inc., 94 Van Dyke, Brooklyn, N. Y.
Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co., 42 B'way, New York
Waterbury Scrap Iron Co., Waterbury, Conn.

7342—Lead Pipe Couplings & Fittings

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.

7343—Lead Pipe, Sheet & Pig Lead Mfrs.

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Am. Smelters Securities Co., 201 1st, San Francisco, Cal.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N. Clinton, Chicago, Ill.
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co., Boston, Mass.
Charleston Lead Works, Charleston, S. C.
Columbia Smelting & Refining Works, 366 West, New York
Crown Metal Co., 259 Washington, Milwaukee, Wis.
Detroit Lead Pipe Works, Detroit, Mich.
Du Bois F. N. & Co., 247 9th av, New York
Eagle Picher Lead Co. ("Eagle"), 208H S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Fleck Bros. Co., 44 N 5th, Philadelphia, Pa.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Gibson & Price Co., Swetland bldg., Cleveland, O.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Jacobson I. M. & Sons Co. (Lead Pipe), 70 Catherine, Detroit, Mich.
Johnson J. D. Co. (Lead Pipe Only), 43 Boerum pl, Brooklyn, N. Y.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Lang E. M. Co., Portland, Me.
Lawrence Shot & Lead Co. (Sheet Lead), Omaha, Neb.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Millar Chas. & Son Co., Utica, N. Y.
Nassau Smelting & Refining Works, 607 W. 29th, New York
National Lead Co., 111 B'way, New York
National Lead & Oil Co. (of Pa.), (Sheet Lead), Commonwealth bldg, Pittsburgh, Pa.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Phillips Lead & Supply Co., 91 S Main, Providence, R. I.
Raymond Lead Wks., 735 S Washtenaw av, Chicago, Ill.
Rochester Lead Works, Rochester, N. Y.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Selby Smelting Wks., 201 1st, San Francisco, Cal.
Tatham & Bros. (Lead Pipe & Sheet Only), 261 Water, New York
Tillinghast L. H. Supply Co., 162 Dorrance, Providence, R. I.
Turner Lead Co. (Lead Pipe), E St. Louis, Mo.
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., (Pig Head Only), 189 Commerce, New Haven, Conn.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wensley Metal Products Co. (Lead, Pipe and Sheet), Denver, Colo.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7344—Lead Refiners (Electrolytic)

United Smelting & Aluminum Co., Inc.,
U. S. Metals Refining Co., 61 B'way, New York

7345—*Lead Refining Plants

Lehigh Chemical Co., Allentown, Pa.

7345a— Lead Resinate

Eagle Picher Lead Co. (Basic), 208H S La Salle, Chicago, Ill.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.
Meyer, J., & Sons, Bourse bldg, Phila., Pa.
National Oil Products Co., Harrison, N. J.
Scheel Wm. H., 159 Maiden Lane, New York.
See adv index at end of book

7345b— Lead Salts

Powers-Weightman-Rosengarten, 916 Parrish, Phila., Pa.

7345c Lead Sheets

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
SMITH & McCRORKEN, INC., 65 Engert, Brooklyn, N. Y.

7345d— Lead Sulphate

Eagle Picher Lead Co., 208 S La Salle, Chicago, Ill.
Lehigh Chemical Co., Allentown, Pa.
Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.
St. Louis Smelting & Refining Co., International Life bldg, St. Louis, Mo.

7345e— Lead (Tinted Paint)

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick Boston Lead Co., 162 Congress, Boston. Mass.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Paint and Varnish Section, Wilmington, Del.
See adv index at end of book
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.

7346—Lead Traps, Bends & Ferrules

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Chadwick Boston Lead Co., 162 Congress, Boston, Mass.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Crown Metal Co. (Traps & Bends Only), 259 Washington, Milwaukee, Wis.
Detroit Sanitary Supply Co., 1191 2d, Detroit, Mich.
Du Bois F. N. & Co., 247 9th av, New York
Eagle Picher Lead Co. ("Eagle"), 208H S. La Salle, Chicago, Ill.
Gardiner Metal Co., 1364 W. Lake, Chicago, Ill.
Johnson J. D. Co. (Traps & Bends Only), 43 Boerum pl, Brooklyn, N. Y.
Mechanicville Specialty Supply Mfg. Co., "J. R. S. Simplex" Ferrules), Mechanicville, N. Y.
National Lead Co., 111 B'way, New York
National Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Copper Co., 52 Vanderbilt av, New York
Raymond Lead Wks., 735 S Washtenaw av, Chicago, Ill.
Rochester Lead Works, Rochester, N. Y.
Selby Smelting Wks., 201 1st, San Francisco, Cal.
Tatham & Bros. (Traps and Bends only), 261 Water, New York
United Lead Co., 111 B'way, New York
Wensley Metal Products Co., Denver, Colo.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7347a—*Lead (White in Oil)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Chadwick-Boston Lead Co., Boston, Mass.
Crown Metal Co. (Wedge Only), 259 Washington, Milwaukee, Wis.
DU PONT E. I. de NEMOURS & CO., INC., Sales Dept., Paint and Varnish Section, Wilmington, Del.
See adv index at end of book
Eagle Picher Lead Co., 208 S La Salle, Chicago, Ill.
North American Copper Co., 52 Vanderbilt av, New York
Wensley Metal Products Co., Denver, Colo.

7348— Lead Wool

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
McLaughlin's Sons Co., 230 N 12th, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
United Lead Co. ("Ulco"), 111H B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Wensley Metal Products Co., Denver, Colo.

7349—Lead & Block Tin (Ribbon)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Chadwick-Boston Lead Co., Boston, Mass.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
United Lead Co., 111 B'way, New York

7350— Leaders (Cattle)

Covert Mfg. Co., Troy, N. Y.
Landers, Frary & Clark, New Britain, Conn.
Leavitt Mfg. Co., Urbana, Ill.
Phillips M. T., Pomeroy, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Smith Seymour & Son, Oakville, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Leaders (Dog)

See Chains, Dog Leads

7351—Leadite For Pipe Joints

Leadite Co., Land Title bldg, Philadelphia, Pa.

7352— Leads (Gill Net)

Crossley Lead & Machine Co., Erie, Pa.

7353— Leads (Sounding)

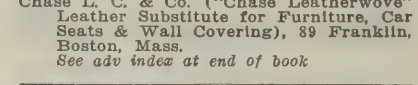
Chadwick-Boston Lead Co., Boston, Mass.
Laughlin, Thos., Co., Portland, Me.
See adv index at end of book
United Lead Co., 111 B'way, New York
Wilcox, Crittenden & Co., Inc. (& Net), Middletown, Conn.
See adv index at end of book

7354-5—Leaf (Composition)

Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.
Swift M. & Sons, Hartford, Conn.

7356— Leather (Artificial)

Athol Mfg. Co., Athol, Mass.
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Barrell Wm. L. Co., 8 Thomas, New York
Boston Woven Hose & Rubber Co. ("Synthide"), Cambridge, Mass.
Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute for Furniture, Car Seats & Wall Covering), 89 Franklin, Boston, Mass.
See adv index at end of book



Diamond State Fibre Co., Elsmere, Del.
Duncan W. H. Co., Inc., 70 Worth, New York
DU PONT E. I. de NEMOURS & CO., INC., Sales Dept., Fabrikoid Div. ("Fabrikoid," Art, Decorative, etc.), Wilmington, Del.
See adv index at end of book
Duratex Co. ("Duratex" & "Duratop"), 768 Frelinghuysen av, Newark, N. J.

DU PONT FABRIKOID

DU PONT FABRIKOID REG U.S. PAT. OFF.

Fabrikoid is a flexible, impervious material, made with a fabric foundation and a pyroxylin coating to replace leather, cloth, paper and various other materials. It is available in a great variety of colors and grains and in different weights or "qualities" varying from the lightest sheetings, such as are suitable for lining book covers, to extremely heavy and rugged fabrics used for upholstery purposes.

IMPORTANT USES FOR FABRIKOID

Fabrikoid is extensively used as a covering or lining material or both, in the manufacture of: Furniture and Automobile Cushions; Traveling Goods; Novelties; Fancy Leather Goods: Boxes, Cases and Cabinets; Books; Cameras; Auto Tops; Auto Finishing; Ventilation Tubing; etc. It is used to some extent in trimming or finishing thousands of different articles which are in common, everyday use, such as Shoes, Hats, Gloves, Caskets, Harness, Baseballs, Gun Cases, Mats, Runners, Doilies, Clothing, etc.

CRAFTSMAN QUALITY FABRIKOID

This is the highest grade and heaviest quality of Fabrikoid in general use. It has a moleskin back and is especially recommended for all kinds of upholstery work, for Craftsman Auto Tops, for the Craftsman Auto Finish, for making fine Traveling Bags and Suit Cases, and for covering Wardrobe Trunks.

4000 QUALITY FABRIKOID

This is a medium heavy quality with sateen back. Widely used wherever Craftsman Quality is heavier than necessary, as on the backs of furniture. Also widely used for novelties, hat sweats, shoe trimmings and for binding very large books. Other qualities with sateen backs are 4500, 4800, 6000, 6200, 6600.

SHEETING QUALITIES

These include our 1100, 700, 750 and 100 qualities principally. They are used for all types of bookbinding and case covering, for making advertising specialties, lining trunks, etc., etc. All colors and a wide variety of grains are available.

CAR CURTAIN MATERIALS

These are specially designed and made for use in steam and electric passenger coaches. They are dust-proof, non-fading and washable.

VENTUBE

Furnished in the form of tubing and fittings of various diameters for use with blower fans in ventilating mines.

MINEFAB

A covering for concentration tables, used in metal recovery.

PONTOP

A rubber surfaced top and curtain fabric for automobiles and carriages. Supplied in either single or double texture, with black, drab or whipcord back.

DU PONT RUBBER CLOTH

Made in sheetings and ounce goods in weights and widths suitable for all purposes requiring high-grade fabrics of the rubber type.

There are other grades of Fabrikoid not listed above. Tell us what you are interested in and we will submit samples and recommendations.

E. I. DU PONT DE NEMOURS & COMPANY, Inc.

Sales Department, Fabrikoid Division, Wilmington, Del.

See List of Branch Offices at End of Book

Haarty J. C, Inc. ("Texhide"), 10 High New Haven, Conn.
Hettrick Mfg. Co., Toledo, O.
Keratol Co. ("Keratol"), 348 Van Buren, Newark, N. J.
Keystone Solether Corp. (Synthetic), 320 Broadway, New York
Landers Bros. Co. (Celluloid Imitation), Toledo, O.
Leatherbest Co., Dept. H, Trenton, N. J.
lyn, Del. See adv index at end of book
Lounsbery A. P., 11 W 5th, Cincinnati, O.
Mutty L. J. Co., 175 Congress, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
See adv index at end of book
O'Bannon Corp., 200 5th av, New York
Pantasote Co. ("Pantasote"), 11 B'way, New York
Pantasote Leather Co., Passaic, N. J.
Pickens Auto Cloth Co., 105 W 63rd, New York
Sillcocks-Miller Co. ("Texodren," for Upholstering, etc), So. Orange, N. J.
Standard Oil Cloth Co., 320 B'way, New York
Weymouth Art Leather Co., East Weymouth, Mass.
Zapon Leather Cloth Co. ("Zapon" "Broncho," "Muleskin Leather Cloth," "Moroccoline"), 200 5th av, New York

7357—*Leather (Artificial-Imitation-Substitute)

Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
DU PONT, E. I. de NEMOURS & CO., INC., Sales Dept., Fabrikoid Div. ("Fabrikoid"), Wilmington, Del.
See adv index at end of book
Textile Leather Co., Inc., 212 5th av, New York

7358—Leather (Automobile Tire)

Chicago Tanning Co., 130 W Austin av, Chicago, Ill.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Wilder & Co., 228 W Lake, Chicago, Ill.

7359—Leather Butts, Bends Or Sides

Barwood, L. J., Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co., Worcester, Mass.
Ladew Jones Co. (Bends), 105 South Boston, Mass.

7359a—*Leather Cloth Mfrs.

See also, Leather Artificial

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Fabrikoid Div. ("Motor-Craftsman-Pontop," "Craftsman Fabrikoid," "Motor," Carriage, Auto, Upholstery, etc., Certified Leather), Wilmington, Del.
See adv index at end of book
Zapon Leather Cloth Co. ("Zapon," "Broncho," "Muleskin Leather Cloth," "Moroccoline"), 5th av, New York

7360—Leather Covering For Iron Pulleys

Graton & Knight Mfg. Co., Worcester, Mass.

7360a—*Leather Finishes

INNIS SPEIDEN & CO., 46 Cliff, New York
See adv index at end of book

Leather Goods

See the Specific Articles Required

7361—Leather (Harness)

Allen Bona (Inc.), Buford, Ga.
Allen N. R. Sons Co., Kenosha, Wis.
American Hide & Leather Co., 1330 Elston av, Chicago, Ill.
Anstedt C. Leather Co., 560 Commerce, Milwaukee, Wis.
Armour Leather Co., 175 N Franklin, Chicago, Ill.
Armstrong Tanning Co., Hart & Charlevoix, Detroit, Mich.
Atlantic Leather Co., Ave A, Newark, N. J.
Badger State Tanning Co., Sheboygan, Wis.
Bretney H. V. Co., Springfield, O.
California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
Conrad Bros., 682 Commerce, Milwaukee, Wis.
Diamond Whip Co. (Bridles, Braided Quirts), 406 N Curtis, Chicago, Ill.
England Walton & Co., 3d & Vine, Phila., Pa.
Given R. & Son Co., Sidney, O.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Haffner Bros. Co., 1130 Hopple, C W, Cincinnati, O.
Kroehle's A. Sons Co., Jennings rd, S W, Cleveland, O.
Kulmann, Salz & Co., Benicia, Cal.
Loescher J. Tannery Co., Muskegon, Mich.
Mooney W. W. & Sons, Columbus, Ind.
Nickelsburg Bros. Co., Meadow, Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Reid Wm. W., 235 W. Lake, Chicago, Ill.
Scholze Robt. Tannery, Chattanooga, Tenn.
Shultz Belting Co. ("Sable Oak"), Fourth & Barton, St. Louis, Mo.
Stifel Chas. F. Co., Preble & Juniata, N S Pittsburgh, Pa.
Trostel A. & Sons Co., 612 Commerce, Milwaukee, Wis.
United States Leather Co., 204 Essex, Boston, Mass.
Wilder & Co. (Jobbers), 228 W Lake, Chicago, Ill.
Williams I. B. & Sons, Dover, N. H.
Woelfel Leather Co., Morris, Ill.
Zeller G. F. & Sons, 272 Howard, Buffalo, N. Y.

7361a— Leather (Hat)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Fabrikoid Div. ("Fabrikoid" Artificial Leather), Wilmington, Del. *See adv index at end of book*

7362—Leather (Hydraulic & Valve)

Adams C. F., P. O. Box 253H, Ft. Worth, Tex.
Auburn Leather Goods Co., Auburn, N. Y.
Auer C. A., Corry, Pa.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Chicago Rawhide Mfg. Co. ("Krome") 1301 Elston av, Chicago, Ill.
Cowan Andrew & Co., Louisville, Ky.
England Walton & Co. (Hydraulic), 3rd & Vine, Phila., Pa.
Etsweiler William, 230 N 3d, Phila., Pa.
Graton & Knight Mfg. Co., Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Ladew Edw. R. Co., 54 Franklin, New York
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Palmer N. & Co., Bridgeport, Conn.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co., Fourth & Barton, St. Louis, Mo.

7363— Leather (Mechanical)

Chicago Rawhide Mfg. Co. ("Krome" Water, Oil, Steam & Heat Proof), 1301 Elston av, Chicago, Ill.
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

7364—Leather Mechanical Goods

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Raniville F. Co., Grand Rapids, Mich.

7365— Leather (Nail)

American Leather Products Co., Indianapolis, Ind.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Parker & Hafner, Williamsport, Pa.

7366—Leather (Patent & Enameled)

Algonquin Leather Co., North Woburn, Mass.
Allen Bona (Inc.), Buford, Ga.
American Leather Mfg. Co., Newark, N. J.
American Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, O.
Ashtabula Hide & Leather Co., Ashtabula, Ohio
Atlantic Leather Co., Ave A, Newark, N. J.

LEATHER (PATENT & ENAMELED)—continued
Ballard Japanning Co., Woburn, Mass.
Beggs & Cobb Tanning Co., Boston, Mass.
Blanchard Bros. & Lane, 20 Bruen, Newark, N. J.
Bristol Patent Leather Co., 315 Arch, Phila., Pa.
Buckman & Kean Japanning Co., Woburn, Mass.
Cleveland Tanning Co., Denison av & B. & O. R. R., Cleveland, O.
Conneaut Leather Co., Conneaut, O.
Dunn Green Leather Co., 32 South, Boston, Mass.
Eagle Ottawa Leather Co., 288 W Lake, Chicago, Ill.
Eclipse Tanning Co., 119 Sussex av, Newark, N. J.
Fleet Frank E. Co., 112 Beach, Boston, Mass.
Foncar Mary M., Woburn, Mass.
General Leather Co., 414 Frelinghuysen av, Newark, N. J.
Good Bros., Leather Co., 142 Frelinghuysen av, Newark, N. J.
Halsey Patent Leather Co., Winchester, Mass.
Halsey J. H. & Smith, New, Newark, N. J.
Hopkinson Leather Co., Woburn, Mass.
Howell T. P. & Co., New, Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Kaufherr & Co., 42 Garden, Newark, N. J.
Kelly & McLaughlin, 93 Colden, Newark, N. J.
Kimball B. F. & Co., Woburn, Mass.
Lackawanna Leather Co., Hackettstown, N. J.
Lang Henry Co., 17th av, Newark, N. J.
McCormick E. H. & Sons, 2822 Avenue C, Newark, N. J.
Murray Japanning Co., Woburn, Mass.
Ohio Tanning Co., Av C, Cincinnati, O.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Radel Leather Mfg. Co., Wilson av, Newark, N. J.
Reilly John, 40 Av C, Newark, N. J.
Reilly P. & Son, Passaic av, Newark, N. J.
Riordan Leather Co., 252 South, Newark, N. J.
Seton Leather Co., 62 Verona av, Newark, N. J.
Smith L. M. & Sons, 59 Lock, Newark, N. J.
Sommer H. F. & Co., 219 Hamburg pl, Newark, N. J.
Stengel Geo., Inc., Waverly, N. J.
Stengel & Rothschild, Main, Newark, N. J.
Straus M. & Sons, 506 Frelinghuysen av, Newark, N. J.
Thayer Foss Co., 15 South, Boston, Mass.
Woburn Leather Co., Woburn, Mass.

7367— Leather (Polishing)

Auer C. A., Corry, Pa.
Palmer N. & Co., Bridgeport, Conn.
Peckham Mfg. Co., 244 South, Newark, N. J.
Yorkville Mfg. Co. Inc., 31-33-35H B'way, Brooklyn, N. Y.

7368—Leather Stuffing Apparatus

Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

Leathers (Clutch)

See Linings, Clutch

7368a—*Leathers (Moulded)

Barwood L. J. Mfg. Co. (Barwood'), Stoneham 80, Boston, Mass.
See adv index at end of book

7369— Leathers (Pump)

Adams C. F. ("Black Star," "Bull Dog," "Durable," "Superior"), P. O. Box 253H, Ft. Worth, Texas.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co. (Oak Tanned), Worcester, Mass.
Houghton E. F. & Co. ("Vim"), 240 Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Mark Mfg. Co., Evanston, Ill.
MYERS F. E. & BRO., 90 Fourth, Ashland, O. *See adv index at end of book*
Norwich Belt Mfg. Co. (Pump Valve), Norwich, Conn.
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Palmer N. & Co., Bridgeport, Conn.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Simplex Mfg. Co., Auburn, N. Y.

7370— Lecithin

Bardewyck R., 150 Nasau, New York
Digestive Ferments Co., 920H Henry, Detroit, Mich.

Ledgers (Loose Leaf)

See Loose Leaf Devices

7370a— *Leggings

COUCH COTTON MILLS INC., Atlanta, Ga.

Wheeler F. H. Mfg. Co. (Leather, Duck Asbestos & Asbestos & Fireproof), 215 W Huron, Chicago, Ill.

7371—Leggings (Sportsman's)

B. E. Mfg. Co. (Leather & Canvas "Benico"), 18 W 18th, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Hagerstown Shoe & Legging Co. ("Halco"), Hagerstown, Md.

7372— Legs (Bench)

Chicago Hardware Foundry Co., North Chicago, Ill.
Enterprise Foundry Co., 6463 E Warren av, Detroit, Mich.
Garwood Bronze & Iron Works (Cast Iron), Garwood, N. J.
Lupton's David Sons Co., Allegheny av & Tulip, Phila., Pa.
Manufacturing Equipment & Engineering Co. ("Meeco"), Framingham, Mass.
New Britain Machine Co. ("New Britain, Pressed Steel), 190 Chestnut, New Britain, Conn.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

7373— Legs (Closet Seat)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
See adv index at end of book
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Modern Iron Works, Quincy, Ill.
Shwab Bros. Co., 811 E 9th, New York
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

7374—Legs (Closet & Urinal Stall)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Carpenter R. F. Mfg. Co., 984 E 64th, Cleveland, O.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
East Bangor Consolidated Slate Co., East Bangor, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
McCambridge & Co., 315 N 20th, Philadelphia, Pa.
Monarch Brass Co., Cleveland, O.
Pittsburgh Brass Mfg. Co. Penn & 32nd, Pittsburgh, Pa.
Ryan J. J. & Co., 101 S Jefferson, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

7375— Legs (Counter)

Wrightsville Hardware Co., Wrightsville, Pa.

7376— Legs (Drain Board)

Trenton Brass & Machine Co. (Telescoping), Trenton, N. J.

7377— Legs (Laundry Tub)

Bohrer R. E., 347 North, Rochester, N. Y.
Cheney S. & Son, Manlius, N. Y.
Haines, Jones & Cadbury, ("Hajoca"), 1136 Ridge av Phila., Pa.
Modern Iron Works, Quincy, Ill.
Sanitary Co., Dept. H, Linfield, Pa.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Union Foundry Co., Anniston, Ala.

7378— Legs (Lavatory)

American Brass & Copper Co. (Brass, Polished, Nickel, etc), 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Douglas John Co., Carthage, Cincinnati, O.
Du Bois F. N. Co., 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Mott J. L. Iron Works, Trenton, N. J.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh Pa.
Warren Brass Foundry, Warren, O.

7379—Legs (Sewing Machine Table)

Fisher Knitting Machine Co., Utica, N. Y.

7380—Legs (Sink & Wash Tray)

Acme Mfg. Co., Bangor, Me.
Ahrens & Ott Mfg. Co., 14-30 N Peoria, Chicago, Ill.
Bailey F. T. & Co., N. Scituate, Mass.
Bignall Co., Medina, N. Y.
Central Foundry Co. (Cast Iron), 90 West New York
Cheney S. & Son, Manlius, N. Y.
Cooper Sanitary Mfg. Co. (Iron), 34th & Chestnut, Phila., Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co. ("Hajoca" Cast Iron), 1136 Ridge av, Phila., Pa.
Sanitary Co., Dept. H, Linfield, Pa.
Swett A L Iron Works (Cast Iron & Steel, 145 Glenwood av, Medina, N. Y.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

7381-2— Legs (Table)

National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
Ohio Scroll & Lumber Co., Covington, Ky.
South Bend Dowel Works, South Bend, Ind.
STEVENSON MFG. CO., South Bend, Ind.
See adv index at end of book

Legs (Urinal)

See Legs, Closet & Urinal Stall

7383—Lehrs (Annealing, Window Glass)

Dixon H. L. Co., Rosslyn rd, Carnegie, Pa.
Woods-Lloyd Co. ("Tondeur"), S 30th & Jane, Pittsburgh, Pa.

7383a—"Lenix" Belt Drive

SMIDTH F. L. & CO., 50 Church, New York

7384— Lenses

Allendorf Co. ("Moia," Photographic), Cleveland, O.
American Optical Co., Southbridge, Mass.
Atchison Optical Co., Atchison, Kans.
Apdel Philip & Co., 50 John, New York
Bache, Semon & Co. (Imp.), 636 Greenwich, New York
Bausch & Lomb Optical Co. ("Centex," "Punktal," "Deltar," "Krypstok," "Ultex" Opthalmic Projection, "Tessar" & "Protar" Photographic), Rochester, N. Y.
Berger Albert & Co. (" W. B. & C."), 45 John, New York
Consolidated Lamp & Glass Co. (Flashlight), Coropolis, Pa.
Corning Glass Works ("Spredlite," Bullseye, Fresnel, for Ship Lights, Corrugated for Semaphores & Other Signals), Corning, N. Y.
Crown Optical Co. (Photographic), Roch-
Dayton Lens & Glass Beveling Wks., ester, N. Y.
Dayton, Ohio
Fry H. C. Glass Co., Rochester, Pa.
Genesee Optical Co. ("Toroid"), Rochester, N. Y.
Goerz C. P. American Optical Co. (Photographic), 317 E 24th, New York
Graf Lens Co. (Binocular, Motion Picture Photographic & Other High Grade Optical Instruments), South Bend, Ind.
Gundlach-Manhattan Optical Co. (Photographic), Rochester, N. Y.
HANOVIA CHEMICAL & MFG. CO., 100 Chestnut, Newark, N. J.
Jefferson Glass Co. ("Bulls Eye" Cut, Semaphore, Concave, Convex, etc.), 5 S Wabash, Chicago, Ill.
Jefferson Glass Co. (Automobile, Railway Signal, Flashlight & Moving Picture) Follansbee, W. Va.
Libbey Glass Co., Toledo, O.
Macbeth-Evans Glass Co. (Flashlight), Chamber of Commerce bldg, Pittsburgh, Pa.
Madden Glass Co. ("Maddens," "Original," "Fanlites" Deflecting Automobile), Aberdeen, S. Dak.
Murphy Geo. Inc. ("Ross" Photographic), 57 E 9th, New York
Optical Lens Co., Southbridge, Mass.
Pinkham & Smith Co. (Photographic), 288 Boylston, Boston, Mass.
Popper & Son, Leo. (Flashlight), 143 Franklin, New York
Prismolite Co., 74 E Gray, Columbus, O.
Rodefer Glass Co. The (Pressed Bullseye Lenses for Pocket Flashlights, etc), Bellaire, O. *See adv index at end of book*
Sneath Glass Co. (All Colors), Hartford City, Ind.
Spencer Lens Co. (Photographic), Buffalo, N. Y.
Spencer Optical Co. (Optical), 5 Maiden la, New York
Siegman & Weil (Flashlight), 20 E 27th, New York
Simplex Photo Products Co. (Projection) Morris Park, Port Richmond, N. Y.
Tilton Optical Co., Tilton, N. H.
United States Lens Co., Geneva, N. Y.
Voigtlander & Sohn, 240 E Ontario, Chicago, Ill.
Wheeling Glass Letter & Novelty Co. (Sign), Wheeling, W. Va.
Wollensak Optical Co. (Photographic, etc), Rochester, N. Y.
Wood William F. & Son (Toric), South Coventry, Conn.

7385—Lenses (Automobile Lamp)

American Spectacle Co., 1328 Broadway, New York

Bache, Semon & Co. (Imp.), 636 Greenwich, New York
Bausch & Lomb Optical Co., Rochester, N.Y.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Corning Glass Works, Corning, N. Y.
Fry H. C. Glass Co., Rochester, N. Y.
Holophane Glass Co., 340 Madison av, New York
Jefferson Glass Co., Follansbee, W. Va.
Lancaster Lens Co. ("Lancaster"), Lancaster, O.
Legalite Corp., 120 Boylston, Boston, Mass.
McKee Glass Co., Jeannette, Pa.
Macbeth-Evans Glass Co., C of C bldg, Pittsburgh, Pa.
Matisse C. & A. (Condensing), 551 E 116th, New York
Raydex Mfg. Co., Inc., Brackenridge, Pa.
Saferlite Lens Co., 220 5th av, New York
Super Lighting Co. ("Controllite"), 1842 B'way, New York
Warner-Lenz Co., 914 S. Michigan av, Chicago, Ill.

7385a— Lenses (Glasses)

Raydex Mfg. Co., Inc., Brackenridge, Pa.

7385b— Lepidolite

Drakenfeld B. F. & Co. ("Kallith"), 50 Murray, New York

7385c— Letters (Brass & Bronze)

See also Numbers & Letters Metal

Grammes L. F. & Sons (For Building), Allentown, Pa.
Heath J. S., Franklin & Ontario, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Sargent & Co., New Haven, Conn.
Waterbury Button Corporation (House, Sign, etc,), 831 S Main, Waterbury, Conn. *See adv index at end of book*
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

Letters (Changeable Building Directory)

See Building Directories, Changeable

7386— Letters (Glass)

Chicago Glass Novelty Co., Marion, Ind.
Herrlein & Henrich Co. (Cut), 37 Greene, New York

7387— Letters (Milk Can)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

7388— Letters (Office Door)

Nytanday Letter & Design Co. ("Nytanday" Metal), 100 William, New York

7389—Letters (Porcelain Sign)

Brilliant Sign Letter Co., 478 6th av, New York
Cambridge Tile Mfg. Co., Covington, Ky.
Colonial Sign & Insulator Co. (For Electric Signs), Akron, O.
Manhattan Dial Mfg. Co., 40 Lexington av, B'klyn, N. Y.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

7390— Letters (Sign)

Brilliant Sign Co., 3531 Washington, St. Louis, Mo.
Chicago Glass Novelty Co., Marion, Ind.
Federal Sign System (Electric, Metal), 8700 S State, Chicago, Ill.
Lorenzen Chas. F. & Co. (Tile), 521 W Monroe, Chicago, Ill.
Metallic Sign Letter Co. (Metallic), 433 N Clark, Chicago, Ill.
Pioneer Corporation (Eradium 5th Luminous), 1249 W 65th, Chicago, Ill.
Pressed Prism Plate Glass Co., 25 N Dearborn, Chicago, Ill.
Universal Sign & Letter Co. (Metal), Brooklyn, N. Y.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

7391—Letters (Sign, Cast Iron)

Benfield Milne Mfg. Co., 80 Homes, Newark, N. J
Heath J. S. & Co., Franklin & Ontario, Chicago, Ill.
Ziegler Bros. Co. (Removable Metallic), Elgin, Ill.

Letters (Transfer)

See Ornaments, Transfer

7392— Letters (Wood)

Bogert & Hopper, Inc. (Enameled Wood), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons (Enameled, etc), 364 5th av, New York
See adv index at end of book
Spanier Bros., 198H Badger av, Newark, N. J.

7393—Letters & Figures (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Waterbury Button Corporation, 831 S Main, Waterbury Conn.
See adv index at end of book

7394—Letters & Figures (Harness)

Enterprise Mfg. Co., Akron, O.

7395—Letters & Figures (Pattern)

American Casting & Mfg. Corp., Brooklyn, N. Y.
Brim A. W. (White Metal & Brass, Seneca Falls, N. Y.
Brodin Pattern & Supply Wks., 2420 W 16th, Chicago, Ill.
Chain Products Co. (White Metal & Brass), 3924 Cooper av, Cleveland, O.
Crawford Supply Co. (White Metal), Bucyrus, O.
Everett A. & Son (White Metal & Brass), Auburn, N. Y.
Freeman Pattern Supply & Mfg. Co., Toledo, O.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Knight H. W. & Son (White Metal & Brass), Seneca Falls, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., **Pittsburgh, Pa.**
Matthews Jas. H. & Co. (Pattern House, etc), 3942 Forbes, **Pittsburgh, Pa.**
Niagara Falls Metal Stamping Works (Steel, Brass & Aluminum), Niagara Falls, N. Y.
Oliver Machinery Co., Grand Rapids, Mich.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Roovers Bros. (Presses for Making), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book
St. Louis Electrotyping Foundry, 125 S 8th, St. Louis, Mo.
Shanafelt Mfg. Co., Canton, O.
Wellman Co. (White Metal), 1444 E 49th, Cleveland, O.

7396—Letters & Figures (Steel)

Allen, Doane & Co. ("Liberty Brand"), 29 Cornhill, Boston, Mass.
Am. Tube & Stamping Co. (Pressed), Dept. H, Bridgeport, Conn.
Boker Cutlery Hardware Co., 101 Duane, New York.
Chain Products Co., 3924 Cooper av, Cleveland, O.
Cleveland Steel Stamp Works Co., Commercial bldg, Cleveland, O.
Everett A. & Son, Auburn, N. Y.
Goodell-Pratt Co. (For Metal Stamping), Greenfield, Mass.
Hanson C. H. Co. (Machine Made, Cold Rolled), 178 N Clark, Chicago, Ill.
Kautz Fred C. & Co. (Punches), 2633 W Lake, Chicago, Ill.
Keene Fred H. ("Star" "Swaged") 152 Chambers, New York
Knight H. W. & Son (For Steel Stamping), Seneca Falls, N. Y.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Matthews Jas. H. & Co. (Hand Made), 3942 Forbes, Pittsburgh, Pa.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Newman Mfg. Co. (Lithographed), 722 Sycamore, Cincinnati, O.
See adv index at end of book
Niagara Falls Metal Stamping Works (Also Stamp. Brass & Aluminum), Niagara Falls, N. Y.
Ohio Steel Stamp Co., 105 Prospect av N W, Cleveland, Ohio
See adv index at end of book
Quality Die Co., 1430 E. 64th, Chicago, Ill.
R. & S. ENGRAVING & DIE WKS., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Shanafelt Mfg. Co., Dept. H, Canton, Ohio
Schoder & Lombard Stamps & Die Co., 202 Centre, New York
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston. Mass.
White David Co. Inc. (Architects', Convertible, Transit, Dumpy, Farm, Engineers', Y & "Locke's" Hand), 901 Chestnut, Milwaukee Wis.

7396a— *Leukonin

Harshaw, Fuller & Goodwin, Elec. bldg., Cleveland, O.

7397— Levelers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.
Atlas Car & Mfg. Co. (Electric), Cleveland, O. *See adv index at end of book*
Covington Machine Co. (For Bee-Hive Coke Ovens), Covington, Va.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

7398— Levelers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7399—Levelers (Roller, For Plates & Sheets)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

7400— Levels

Acme Level & Mfg. Co., Toledo, O.
Ainsworth Wm. & Sons ("Wye," "Dumpy"), Denver, Colo.
Athol Mach. & Foundry Co. (Iron Pocket, Plumbers', Machinists', Iron Bench, Carpenters', etc.), Athol, Mass.
Bausch & Lomb Optical Co. ("Wye," "Dumpy," "Precise," etc), Rochester, N. Y.
Beckmann L. Co., 1003 Jackson, Toledo, O.
Bedortha Bros., Windsor, Conn.
BERGER C. L. & SONS ("Monitor"), 37 Williams. Boston, Mass.
Bostrom-Brady Mfg. Co. ("Bostrom," Builders), Atlanta, Ga.
Chapin-Stephens Co. (Adjustable & Non-Adjustable Machinists', Brass Cornered, etc), Pine Meadow, Conn.
Crescent Tool Mfg. Co. (Brick Masons'), 1002 Cass av, St. Louis, Mo.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Disston Henry & Sons (Inc.), (Iron Shafting Pocket, Machinists', etc), Tacony, Phila., Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Frost & Adams Co. ("Yankee" Compound), 25 Arch, Boston, Mass.
Geier & Blum ("Wye"), Troy, N. Y.
Goodell-Pratt Co. ("Richardson," "Stratton Level Co." Pocket, Bench, Engineers', Wood & Iron & Aluminum), Greenfield, Mass.
Gurley W. & L. E. (Architects', Engineers', Contractors' & Builders', etc), Troy, N. Y.
Helb Edward ("American" Combined Level & Grade Finder), Railroad, Pa.
Heller & Brightly (Engineers), Dept. H, 1122 Spring Garden, Phila., Pa.
Jackson S. R. ("Spirit," "Cook" Pat. also "Davis & Cook" Graduated Aluminum Plumb & Level), Watertown, N. Y.
Jennings C. E. & Co. ("C. E. J. & Co.'s" Iron, Hexagon, Adjustable, etc), 71 Murray, New York
Keuffel & Esser Co. ("Abney's," "Dumpy," "Locke's," Architects & Farm), Hoboken, N. J.
King Level Works ("King Spirit"), Brighton, Mich.
Kolesch & Co., 138 Fulton, New York
Lietz A. Co., 61 Post, San Francisco, Cal.
Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Mass.
Millers Falls Co. (Iron), 28 Warren, New York
Pease C. F. Co. (Contractors), 820 N Franklin, Chicago, Ill.
See adv index at end of book
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
Pfister Wm. H. (Architects' & Builders'), 230 W 4th, Cincinnati, O.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Robinson M. W. Co. ("Davis" Patent Iron), 296 B'way, New York
Sand J. & Sons (Plumbs & Levels, 1023 Rivard, Detroit, Mich.
Sawyer Tool Mfg. Co. (Cross Adjustable Bench, Combination & Pocket), Ashburnham, Mass.
Southington Hardware Co. (Steel), Southington, Conn.
Stanley Rule & Level Co. (Bit & Square, Iron, Wood, Pocket, etc), New Britain, Conn.
STARRETT L. S. CO. (THE) (Iron, Adjustable Bench, etc), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co. (Bit & Square), 450 Oneida, Syracuse, N. Y.
Taylor Instrument Companies ("Tycos," "Abney"), Rochester, N. Y.
Ulmer J. C. Co. ("Ulmer" Engineers, Architects, etc.), 1791 E 38th, Cleveland, Ohio
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
White David Co. (Architects' Convertible, Transit, Dumpy, Farm, Engineers' Y & "Locke's" Hand), 419 E Water, Milwaukee, Wis.
Williamsburg Mfg. Co. (Machinists', Hex, Pocket, etc), Williamsburg, Mass.
Woodwell Joseph Co. ("Jackson" Aluminum Line), 207 Wood, Pittsburgh, Pa.
Young & Sons (Engineers', etc), 43 N 7th, Phila., Pa.

7401— Levels (Track)

Aldon Co., 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("McManus" Combined Track Gauge Level, etc), Railway Exchange bldg, Chicago, Ill.
Chapin-Stephens Co., Pine Meadow, Conn.
Disston Henry & Sons (Inc.), (Levels & Gauges), Tacony, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

LEVELS (TRACK)—continued
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Irving Mfg. & Tool Co., 157 Chambers, New York
Jackson S. R. ("Cook"), Watertown, N. Y.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Verona Tool Wks., Verona, Pa., & Pittsburgh, Pa.

7402—Levers (Automobile Control)

Baker Gun & Forging Co., Batavia, N. Y.
Brown-Lipe Gear Co., Syracuse, N. Y.
Halladay L. P. Co. (Side), Streator, Ill.
Mechanics' Machine Co., Rockford, Ill.
Oakes Co. (Pressed Steel & Stamped), Indianapolis, Ind.
Ohio Forge Co. (Forged), Cleveland, O.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y.

7403— Levers (Brake)

Altoona Iron Co. (Wrought Iron), Altoona, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Halladay L. P. Co. (Side), Streator, Ill.
Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.
National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Pittsburgh Knife and Forge Co., Ridge & Chateau, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works, Ellwood City, Pa.
Valley Forging Co., Verona, Pa.
Williams J. H. & Co., (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7404—Levers (For Goosenecks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

7405— Levers (Igniter)

Bonney Forge & Tool Works, Allentown, Pa.
Williams J. H. & Co., (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7406—Lewises (Pin, Chain, Etc.)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

7407—Library Shelving & Fittings (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
General Fireproofing Co. ("G. F. Allsteel"), Youngstown, O.
See adv index at end of book
Keighley S. Metal Ceiling & Mfg. Co., 124 3 av, Pittsburgh, Pa.
Library Bureau, 43 Federal, Boston, Mass.
Snead & Co., ("Green's"), Jersey City, N. J.
Steel Fixture Mfg. Co., Topeko, Kan.
Stiffel & Freeman Co., Lititz, Pa.
Stikeman Geo. ("Stikeman"), 114 W 32d, New York

7408-9—Licorice (Powdered)

Anderson-Hillier Co. Inc., 99H John, New York
Hopkins J. L. & Co., 100 William, New York
Jacob Chas. W. & Allison, 18 Cedar, New York
Peek & Velsor (Imp), 9 Gold, New York

7410— Lids (Journal Box)

Allegheny Steel Co. (Stamped Steel), Oliver bldg, Pittsburgh, Pa.
American Shovel & Stamping Co., Lorain, Ohio
Davis Brake Beam Co., Johnstown, Pa.
McCord & Co., 122 S Michigan av, Chicago, Ill.
Railway Steel Spring Co., 30 Church, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Symington T. H. Co., 233H B'way, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

7411—Lids (Repair, Curb Box)

Paradine Mfg. Co., Erie, Pa.

7412— Lids (Stove)

Wehrle Co., Newark, O.

Life Boats

See Boats & Rafts, Life

Life Nets

See Nets, Life Saving

7413— Life Preservers

Armstrong Cork Co. ("Acme"), 24th & A. V. R. R., Pittsburgh, Pa.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Drein Thos. & Sons Co., Wilmington, Del.
Galbraith C. C. & Son, 117 West, New York
Goodyear Rubber Co., & Rubber Clothing Co., 787 B'way, New York
Hodgman Rubber Co., 8 W 40th, New York
Independent Cork Co., 574-576 Hamilton av, cor. 17th, Brooklyn, N. Y.
Kahnweiler's David Sons, 260 Front, New York
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
National India Rubber Co., Bristol, R. I.
National Life Preserver Co. (Life Saving Suit), 11 B'way, New York
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Regina Swimming Devices & Novelty Co., 22 E 21st, New York
Robinson, Roders Co., Newark, N. J.

Life Rafts

See Boats & Rafts, Life

7413a— Life Saving Appliances

See also other Headings under Life
Cleveland Breathing Machine Co. ("Lyen" Mechanical Resuscitating Device), 1856 Euclid av, Cleveland, O.
Masten G. H. Co., Inc., 222 E 46th, New York

Lifters (Automobile Valve)

See Tools, Valve Removing

7414— Lifters (Beet, Etc.)

Bay City Plow Works, Bay City, Mich.
Johns-Manville Inc., Madison av & 41st, New York

7415— Lifters (Car Step)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Lifters (Core)

See Bits, Core

7416— Lifters (Heel)

Richard Stephen Co., Southbridge, Mass.

7417— Lifters (Hot Pan)

Cassady Fairbank Mfg. Co. ("Nash"), 6136 S La Salle, Chicago, Ill.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

7417a— *Lifters (Net)

Dake Engine Co., Grand Haven, Mich.

Lifters (Sash, Bar)

See Lifts Sash

7418— Lifters (Stove Lid)

Adams Co., Dubuque, Ia.
Adell Mfg. Co. ("Never Slips"), Orange, Mass.
Arcade Mfg. Co., Freeport, Ill.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Fanner Mfg. Co. ("Arctic," Steel Wire Handle), Cleveland, O.
Fisher Adams Mfg. Co., 3624 Enright, St. Louis, Mo.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
Grey Iron Casting Co. ("Cold Handle," "My Choice," "Favorite"), Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. ("Crown," "Grip"), Worcester, Mass.
Imboden I. C. Mfg. Co. ("Handy," Combination), Cleona, Pa.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Marcy Stove Repair Co., 74 Beekman, New York
New York Stamping Co. ("Zero"), N 11th & Berry, Brooklyn, N. Y.
Nicol & Co. ("N. & Co. Arctic"), 218 N Jefferson, Chicago, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wagner Mfg. Co., Sidney, O.
Wehrle Co., Newark, O.
Wickwire Spencer Steel Corp., ("Eclipse"), Worcester, Mass.
See adv index at end of book
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

Lifters (Tack)

See Claws & Pullers, Tack

Lifters (Transom)

See Lifts, Transom

Lifters (Valve)

See Tools, Valve Removing

Lifts (Air)

See Lifts, Pneumatic; also Penumatic Pumping Systems

7418a— Lifts (Air Jet)

SCHUTTE & KOERTING CO., 1251 N 12th, Conn. *See adv index at end of book*

Lifts (Ash)

See Hoists, Ash

7419— Lifts (Hydraulic)

Coffin Valve Co. (For Large Water Gates), Neponset, Boston, Mass.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Illinois Pump & Brass Co. ("Perfect"), Peoria, Ill.
Wood R. D. & Co. (Portable), 400 Chestnut, Phila., Pa.

7420— Lifts (Instep)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

7420a— Lifts (Liquid)

LUMMUS WALTER E. CO. ("Metrolift" Automatic), 171 Milk, Boston, Mass.

Lifts (Magnetic)

See Magnets, Lifting

7421— Lifts (Man)

Miller Wm. A. Machine & Elevator Co. (Grain Elevators), 1000 N Main, St. Louis, Mo.
Union Iron Works (Inc.), (For Grain Elevators, etc), Decatur, Ill.

7422— Lifts (Mine Car)

Fleming J. R. & Son Co., Scranton, Pa.
HOLMES ROBT. & BROS. (Double & Single), Danville, Ill.
See adv index at end of book

7423—*Lifts (Motor Armature)

DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*

7424—Lifts (Motor, Car Pit)

See also Cranes; also Hoists
Columbia Machine Works & Malleable Iron Co. ("Columbia," Pneumatic), Atlantic av & Chestnut, Brooklyn, N. Y.
DUFF MFG. CO., Preble av, Pittsburgh, Pa. *See adv index at end of book*
Patten Paul B. Co., Salem, Mass.

7425— Lifts (Pneumatic)

See also Pneumatic Pumping Systems; also Lifts, Water
Ingersoll-Rand Co. ("Imperial," "Pohle" & "Saunders," for Water, & "Moran" & "Moser," for Oil), 11 B'way, New York *See adv index at end of book*
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

7426— Lifts (Sash)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Allith-Prouty Co. (Prouty" Hook, Flush & Bar), Danville, Ill.
Am. Nut & Bolt Fastener Co., 3 Ontario, Pittsburgh, Pa.
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Arcade Mfg. Co., Freeport, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Bradley & Franham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co., 96 John, New York
Dent Hardware Co. (Bar), Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Frantz Mfg. Co., Sterling, Ill.
Gaynor Mfg. Co., Bridgeport, Conn.
Grey Iron Casting Co. (Hook, Flat & Bar), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Howard Jas. L. & Co., Hartford, Conn.
Ives H. B. Co. (Hook, Flush, etc), New Haven, Conn.
McKinney Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel or Brass), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (Bar Sash), 2918 W Jackson blvd, Chicago, Ill.

Peck, Stow & Wilcox Co., Southington, Conn. *See adv index at end of book*
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sharon Hardware Mfg. Co. (Steel Flush, Hook, etc), Sharon, Pa.
Shelby Spring Hinge Co. (Steel Hook, also Bronze & Brass, Polished), Shelby, O.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hdwe. Co., Wrightsville, Pa.

Lifts (Sewage)

See Sewage Ejectors

Lifts (Sidewalk)

See Elevators, Sidewalk

7427— Lifts (Skylight)

Danzer Metal Works, Hagerstown, Md.
Eagle Brass Foundry Co., Seattle, Wash.

7428— Lifts (Transom)

Corbin Cabinet Lock Co. (Concealed), New Britain, Conn.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Payson Mfg. Co. ("Simplex"), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co. ("Penn"), Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

7429— Lifts (Water)

See also Lifts, Pneumatic

See also Pumps, Hydraulic

Bishop & Babcock Co. ("Eureka," "Champion" Automatic Electric & Hydraulic), 1204 E 55th, Cleveland, O.
Braender Bldg. & Construction Co. (Automatic), 135 4th av, New York
Buckeye Pump & Mfg. Co. ("Buckeye" Automatic), Columbus, O.
Cleveland Faucet Co. ("Champion" Automatic), 1205 E 55th, Cleveland, O.
Clow Jas. B. & Sons ("Clow"), Franklin & Harrison, Chicago, Ill.
Illinois Pump & Brass Co. ("Perfect Duplex" Automatic for House Use), Peoria, Ill.
INGERSOLL-RAND CO (Air "Imperial," "Pohle" & Saunders), 11 B'way, New York. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McDonald A. Y. Mfg. Co., (Electric), Dubuque, Ia.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
National Water Lift Co. ("National" for Residences), Kalamazoo, Mich.
Ohio Pump & Brass Co. (Improved "Triumph" Hydraulic), Columbus, O.

7430— Light House Builders

Lewis Henry B., Ferry av & G. T. Ry., Detroit, Mich.
Stolz Jos. & Son, Inc., 841 E 136th, New York

7431—Lighters (Blasting-Fuse)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*

7432— Lighters (Cigar)

Adjustable Lighter Assn. ("Universal"), Newton, Mass.
Art Metal Works, 7 Mulberry, Newark, N. J.
Amer Elec'l Heater Co., Detroit, Mich.
Bernhardt M. E. (Imp), 148 Chambers, New York
Bogert & Hopper, Inc. (Wooden Splints), 57 Barclay, New York
See adv index at end of book
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Brunhoff Mfg. Co. (Cutter & Lighter Combined), 9th & Freeman av, Cincinnati, O.
Computing Cheese Cutter Co. (Electric), Anderson, Ind.
Cowles C. & Co. (Electric), New Haven, Conn.
Cuno Engrg. Co., Meriden, Conn.
Drake Mfg. Co., 221 Grand, Milwaukee, Wis.
Elec. Automatic Cigar Lighter Co., 556 W 27th, New York
Elec. Heating & Mfg. Co., Westlake & Republican av, S Seattle, Wash.
Eldred Mfg. Co. ("Wizard" Electric), 46 W Kinzie, Chicago, Ill.
Estes E. B. & Sons (Wooden, Splint), 364 5th av, New York
See adv index at end of book
Herz Mfg. Co., 241 W 7th, St. Paul, Minn.
Interstate Electric Novelty Co., 104 S 4th, New York
Kraemer Mfg. Co., 148 Chambers, New York
Mars Mfg Co. (Cerium Sparking), 102 5th av, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Metal Specialties Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
Midland Supply Co., Davenport, Ia.
Morse Frank W., 293 Congress, Boston, Mass.
Novitas Sales Co. ("Novitas" Packet), Waltham, Mass.
Ohio Electric Controller Co. (Electric Portable), 5900 Maurice av, Cleveland, O.
Solar Light Co., 69 Wooster, New York
Spielman Elec. Co. ("Seco"), 1931 B'way, New York
Standard Mfg. Co. ("Electric"), Auburn, Ind
Taylor H. D. Co., 103 Oak, Buffalo, N. Y.

7433-4—Lighters (Gas, Electric)

(Above Means Torches)

See also Burners, Electric, Gas Lighting.
Adjustable Lighter Assn. ("Universal"), Newton, Mass.
American Ever Ready Works, Thompson av, L. I. City, New York
Bogart A. L. Co. ("Bartholdi"), 55 Barclay, New York
Cowles C. & Co., New Haven, Conn.
Milwaukee Gas Specialty Co., 2017 Clybourn, Milwaukee, Wis.
National Leter Sales Co., Woodhaven, N. Y.
Safety Gas Light Corp. ("Matchless"), Roanoke, Va.
Universal Novelty Wks. ("Aladin"), 164 5th av, New York
Wiese Elect'l Appliance Co., 3217 Lisbon av, Milwaukee, Wis.

7435—Lighters (Range & Gas)

American Ever Ready Works, Thompson av, L. I. City, New York
Kraemer Mfg. Co. ("Kraemer" Friction), 148 Chambers, New York
Mars Mfg Co. (Cerium Sparking), 102 5th av, New York
National Letter Sales Co., Woodhaven, N. Y.
Safety Gas Lighter Co., Haverhill, Mass.

7435a—Lighting Accessories (Automobile)

Metal Specialty Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Raydex Inc. (Light Controlling Devices), Jamestown, N. Y.

7435b—*Lighting Fixtures (Bronze & Benedict Nickel)

Armor Bronze Co., 236 5th av, New York
Kramer Bros. Lamp Co., Inc., 585 B'way, New York

7435c—Lighting Fixtures (Industrial)

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Crescent Brass Products Mo., 8410H Lake av, Cleveland, Ohio
Harter Mfg. Co. ("Nitrolite," "Deluxlite"), 524 S Clinton, Chicago, Ill.
Johnson-Meier Co. (Mfrs.), 155 Wendell, Chicago, Ill.
Miller Saw Trimmer Co. ("Anyangle"), Point bldg, Pittsburgh, Pa.
Pittsburgh Metal Spinning & Stamping Co., 821H Locust, Pittsburgh, Pa.

7436—Lighting Systems (Acetylene)

A. G. A. Railway & Signal Co., Elizabeth, N. J.
Ideal Acetylene Co. (Gas), Johnstown, Pa.
Jenne Acetylene Gas Machine Co., 312 Traction Terminal bldg, Indianapolis, Ind.
Milburn Alexander Co., 1420 W Baltimore, Baltimore, Md.

7437—Lighting Systems (Electric)

Aaron Electric Co., 15 S Clinton, Chicago, Ill.
American Engine & Foundry Co. (Farm), Charles City, Ia.
Bailey Reflector Co. (Theater Footlights & Border Lights), 617 2d av, Pittsburgh, Pa.
Bijur Motor Appliance Co. (For Automobiles & Motor Boats), 15th & Garden, Hoboken, N. J.
Bruston Automatic Electric Lighting & Power Co., 101 Park av, New York
Campbell A. S. Co. ("Cello" for Motor Boats), 276 Commercial, Boston, Mass.
Central Electric Co. ("Marolite"), 320 S 5th av, Chicago, Ill.
Cooper Hewitt Electric Co. (Industrial Illumination), Hoboken, N. J.
Delco Light Co. ("Delco-Light"), Dayton, Ohio
Edison Elec. Illuminating Co. of B'klyn, 360 Pearl, B'klyn, N. Y.
FRINK I. P. INC., 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.
Frost Engrg. Co. (For Farms), Evansville, Wis.
Heinze John O. Co., (Automobile) Springfield, Ohio.
Kewanee Private Utilities Co. ("Kewanee" for Isolated Plants), Kewanee, Ill.
King Mfg. Co., Dept. H, St. Joseph, Mo.
Lauson-Lawton Co. (Portable or Stationery, For Yachts & Farms), De Pere, Wis.
Leece Neville Co. (Auto & Motor Boat), 5363 Hamilton av, Cleveland, O.
Main Electric Co. ("Main-Light"), Cleveland, O.
Matthews Engrg. Co. ("Matthews" for Homes, etc), Sandusky, O.
National Electric Lighting Co. (Farm & Automobile), Wilton Junction, Ia.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
North East Electric Co., Dept. H, Rochester, N. Y.
Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
Okeh Electric Co., 313 S Clinton, Chicago, Ill.
Phoenix Electric Co., 133 W Washington, Chicago, Ill.
Radiant Mfg. Co. (For Residences), Sandusky, O.
Schroeder Headlight & Generator Co. (For Farms), Evansville, Ind.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
United Engine Co. ("United," Farm), Lansing, Mich.
United States Light & Heat Corp. (For Farms), Niagara Falls, N. Y.
Wagner Electric Mfg. Co. ("Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.
Wells R. C. Mfg. Co. ("Wells"), Fond du Lac, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Willys Light-Dev. Electric Auto-Lite Corp. (Isolated & Farm), Toledo, O.
Wisconsin Foundry & Machine Co. (Farm), Madison, Wis.

7438—Lighting Systems (Gas)

AMERICAN GAS MACHINE CO. INC. Albert Lea, Minn., and 78 Reade, New York
Coleman Lamp Co. (& Cooking), Dept. H, Wichita, Kan.
Risinger Bros. Co. ("Risinger," Arc for Street, Factory, House, etc), East Liverpool, O.

7439—Lighting Systems (Gasoline)

Akron Gas Lamp Co., Akron, O.
Allen-Sparks Gas Light Co. ("Princess"), Lansing, Mich.
American Gas Machine Co. ("American"), Albert Lee, Minn.
AMERICAN GAS MACHINE CO., 78 Reade, New York
Best Light Co., 477 Second, N E, Canton, O.
Canton Incandescent Light Co., Canton, Ohio
Consolidated Gas & Electric Co., 554 Lake, Chicago, Ill.
Doud Lighting Co., 172 N Sangamon, Chicago, Ill.
Economy Gas Lamp Co. ("Economy"), 213 Goodrich, Kansas City, Mo.
Economy Gas Machine Co., Rochester, N. Y.
Gloria Light Co., 1100 Washington blvd, Chicago, Ill.
Hannibal Gas Machine & Mfg. Co. ("Hannibal"), Hannibal, Mo.
Incandescent Light & Stove Co. ("F. & P."), Madisonville, Cincinnati, O.
King Light Co. ("King"), Peoria, Ill.
Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
National Stamping & Electric Works ("Nulite"), 424 S Clinton, Chicago, Ill.
New Specialty Mfg. Co., Council Bluffs, Ia.
Peerless Light Co., 663 W Washington blvd, Chicago, Ill.
Primo Light & Mfg. Co. ("Primo"), 3849 Olive, St. Louis, Mo.
Royal Gas Light Co. ("Royal"), 18 W. Kinzie, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, Ohio
Superior Mfg. Co., Ann Arbor, Mich.
Tures Mfg. Co., 386 6th, Milwaukee, Wis.
Burkett Lightning Rod Co., Fremont, O.
Universal Battery Co., 3416 S. La Salle, Chicago, Ill.
Waterman Motor Co. (For Farms), 235 Mt. Elliott av, Detroit, Mich.
Yale Light Co., 541 Wash. blvd, Chicago, Ill.

7440— Lightning Rods

American Lightning Rod Co. (Copper Cable), Omaha, Nebr.
Anderson Mfg. Co. ("Anderson"), Des Moines, Ia.
Bajohr Carl Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.
Beckman Bros., Des Moines, Ia.
Boston Lightning Rod Co., Old South bldg, Boston, Mass.
Cole Bros. Lightning Rod Co., 316 S 7th, St. Louis, Mo.
Dallas Brass & Copper Co., 225 N Jefferson, Chicago, Ill.
Diamond Cable Co., Bourbon, Ind.
Dodd & Struthers, Des Moines, Ia.
Dooley Lightning Rod Co. ("Dooley," also Fixtures), Topeka, Kans.

LIGHTNING RODS—continued
Electra Lightning Rod Co. ("Silver Strand"), Cresco, Iowa
Goshen Lightning Rod Co., Goshen, Ind.
Hawkeye Lightning Rod Co. Cable & Fixtures), Cedar Rapids, Iowa
Hollow Cable Mfg. Co. ("Hollow Cable" Pure Copper), Hornell, N. Y.
Hum & Leatherman, 103 Market, Pittsburgh, Pa.
Hungerford U. T. Brass & Copper Co. (Copper & Fittings), 80 Lafayette, New York
Jones Thos. W., 153 Maiden la, New York
Maher J. J., Preston, Ia.
Martin Co., Sac City, Iowa
Mast Lighting Rod Co. (Copper Flange), West Milton, O.
Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
Moore Bros. Lightning Rod Co., Marysville, Mo.
National-Standard Co. (Pure Copper Cable), Box 211, Niles, Mich.
Nebraska Lightning Rod Co., Omaha, Neb.
Owen J. D. & E. G., Janesville, Wis.
Reyburn-Hunter-Foy Co., 815 B'way, Cincinnati, O.
St. Louis Rod Lightning Co., De Kalb & Trudeau, St. Louis, Mo.
Security Lightning Rod Co., Burlington, Wis.
Shrauger & Johnson, Atlantic, Ia.
Swenson Grubber Co. (Copper Cable), Cresco, Iowa
Thompson T. Mfg. Co., Brighton, Ia.
Toledo Cable Co., 506 S St. Clair, Toledo, O.
Townsley-Sewell Mfg. Co., 1315 S E 4th, Minneapolis, Minn.
Washburne Edw. G. & Co. (Copper), 267 Fulton, New York

7441—Lights (Carriage Curtain)

Gordon J. P. Co. (Automobile), Columbus, O.
Martin Auto Specialty Co. ("Martin"), Lancaster, Ohio
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Neider, F. A. Co., Dept. H, Augusta, Ky.
Saal H. G. Co. (& Automobile), 1800 Montrose av, Chicago, Ill.
Udell Works, Indianapolis, Ind.

7441a—*Lights (Contractors' Portable)

See also Contractors' Portable Lights
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

LIGHTS—CONTRACTORS PORTABLE
We build Lights from 500 to 10,000 candle power. Kerosene Oil Lights or Carbide Lights.
MACLEOD CO., 2227 Bogen Street, Cincinnati, O.

7442—Lights (Desk, Electric)

See also Portables, Electric

Alexander J. Mfg. Co. ("Ferguson"), 1991 B'way, New York
Almond T. R. Mfg. Co. ("Almond Flexo"), Ashburnham, Mass.
American Brass & Copper Co., 138 Lafayette, New York
Butler Plating & Mfg. Co., 379 Atlantic av, Boston, Mass.
Dale Lighting Fixture Co., 107 W 13th, New York
Farber S. W. (Adjustable), 147 S 5th, Brooklyn, N. Y.
Farles Mfg. Co., Decatur, Ill.
FRINK I. P. INC., 24th & 10th av, New York; Wrigley bldg, Chicago, Ill.; Fuller bldg, Phila., Pa.
Forg Peter Mfg. Co., Somerville, Mass.
Handy Light Co., 215 Butler, Cincinnati, Ohio
Imperial Brass Mfg. Co. ("Krammer" Adjustable Electric Desk Lamps), 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
Killoch David Co. ("Kinsman" Daylight), 57 Murray, New York
Klemm & Co., 132 N 5th, Philadelphia, Pa.
McFaddin M. G. & Co. ("Emeralite"), 38 Warren, New York
McLeod, Ward & Co. ("Kinsman"), 430 11th av, New York
National Plastic Relief Co., 330 Main, Cincinnati, O.
Play-O-Lite. Co. ("Play-O-Lite" Piano), 215 Front, Worcester, Mass.
Scribner A. C., Gloversville, N. Y.
Stuart-Howland Co. ("S. H."), 234 Congress, Boston, Mass.
White H. C. Co. ("Radion"), North Bennington, Vt.
White J. H. Mfg. Co. ("Zenith"), 111 N 3d, Brooklyn, N. Y.
White O. C. Co., Worcester, Mass.

7443— Lights (Door Key)

Arnold-Wagner Electric Co., South Bend, Ind.

7444—Lights (Portable, Acetylene)

See also Contractors' Portable Light
Carbic Mfg. Co. (Carbic), Duluth, Minn.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn Alexander Co. (For Railroads & Contractors), 1420 W Baltimore, Baltimore, Md.

7444a— Lights (Shaft)

Rayder Mfg. Co., Inc., Brackenridge, Pa.

7444b— *Lights (Spot)

Brenkert Light Protection Co., 49 Cortlandt av., Detroit, Mich.
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

7445-6—Lights (Stage, Electric)

(Bunch, Foot, Spot, etc.)

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d, Pittsburgh, Pa.
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
Frink, I. P., Inc., 10th av & 24th, New York
FRINK I. P. INC., 24th and 10th av, New York; Chicago, Ill., Wrigley bldg; Philadelphia, Pa., Fuller bldg.
Hallberg J. H., 1604 B'way, New York
Huelman & Moore, 134 Longworth, Cincinnati, O.
Louisiana Metal Cobinet Wks., New Orleans, La.
Newton C., 305 W 15th, New York
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York
Standard Mechancal Equipt. Co., Dallas, Tex.
Sunlight Reflector Co., 226 Pacific, B'klyn, N. Y.
UNIVERSAL ELECTRIC STAGE LIGHTING CO. ("Kliegl"), 240 W 50th, New York
Western Elec. Co. (Side Distributors for Amer. Ltg. Co.), 463 West, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

7447—Lignum Vitae Turnings

Seib Bros. Co., 96-100 Boyd av, Jersey City, N. J.

7447a— *Limbs (Artificial)

Doerflinger Artificial Limb Co., 3001 East, Pittsburgh, Pa.
Fuller Geo. R. Co., 230H Andrews, Rochester, N. Y.
Martin Halstead Co., 46 Woodward av, Detroit, Mich.

Lime Acetate

(See Acetate of Lime)

7447b— Lime Carbonate

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.
Mitchell Lime Co., Mitchell, Ind.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Security Cement & Lime Co., Hagerstown, Md
Warnick E. H. Co., Wilkes-Barre, Pa.
Winkley Artificial Limb Co., 1326 Washington av, Minneapolis, Minn.

7448— Lime (Caustic)

American Lime & Stone Co., Tyrone, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

7449— Lime (Chemical)

Chemical Lime Co., Bellefonte, Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Marblehead Lime Co., 159 N State, Chicago, Ill.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Mitchell Lime Co., Mitchell, Ind.
Palmer Lime & Cement Co. ("Palmer," 99 per cent. Pure Carbonate), 103 Park av, New York
Peerless White Lime Co., Century bldg, St. Louis, Mo.
Security Cement & Lime Co. (Carbonate of Lime), Hagerstown, Md.
Washington Building Lime Co., Equitable bldg., Baltimore, Md.

7450— Lime Flour

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

Lime (Glycerophosphate)

See Calcium Glycerophosphate

7451—Lime (Ground & Crushed)

Acme Fire Clay Works, New Cumberland, W. Va.
American Lime & Stone Co. (Also Ground Limestone), Tyrone, Pa.
Glencoe Lime & Cement Co., Syndicate Trust bldg, St. Louis, Mo.
Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
Miller & Coulson (Dealer) 5748 Ellsworth av, Pittsburgh, Pa.
National Mortar & Supply Co., 2d National Bank bldg, Pittsburgh, Pa.
Ohio & Western Lime Co., Huntington, Ind.
Rockland & Rockport Lime Co., 101 Park av, New York
Scioto Lime & Stone Co., Delaware, O.
Security Cement & Lime Co., Hagerstown, Md.
Standard Lime & Stone Co., Fond du Lac, Wis.
Warner Chas. Co. ("Cedar Hollow" plant) I. O. O. F. bldg, Wilmington, Del.
Washington Building Lime Co., Equitable bldg., Baltimore, Md.
Woodville Lime Products Co., 622 Madison av, Toledo, O

7452— Lime (Hydrated)

A. & C. Stone & Lime Co. (Portland White Lime), 17 N Pennsylvania av, Indianapolis, Ind.
Ash Grove Lime & Portland Cement Co., 7th ft Grand av. Temple, Kansas City, Mo.
Cleveland Builders' Supply Co. ("Dealers"), Leader-News bldg, Cleveland, O.
Dittlinger Lime Co. ("Snowdrift"), New Braunfels, Texas
Doggett Stanley, 11 Cliff, New York
Dutchess County Lime Co., Scarboro, N. Y.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Gager Lime & Mfg Co., Chattanooga, Tenn.
Glencoe Lime & Cement Co., Syndicate Tr. bldg, St. Louis, Mo.
Hannibal Lime Co. ("White Bear"), Hannibal, Mo.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hankins-Willis Lime & Cement Co. (High Calcium), Century bldg, St. Louis, Mo.
Hydrated Lime Bureau (Plaster), Arrott bldg, Pittsburgh, Pa.
Kelley Island Lime & Transport Co. ("Tiger" Finish, Masons', Agricultural & Chemical Brands), Leader-News bldg, Cleveland, O.
Knickerbocker Lime Co., 866 N 24th, Philadelphia, Pa.
Kutztown Lime & Crushed Stone Co., Kutztown, Pa.
Louisville Cement Co. ("White Star"), 315H Guthrie, Louisville, Ky.
Marblehead Lime Co. (Pure Calcium), 159 N State, Chicago, Ill.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Mitchell Lime Co., Mitchell, Ind.
National Lime & Stone Co. ("Monarch"), Carey, O.
National Mortar & Supply Co., 2d Nat'l Bk bldg, Pittsburgh, Pa.
Ohio Hydrate & Supply Co., Woodville, O.
Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
Palmer Lime & Cement Co., 103 Park av, New York
Peerless White Lime Co., Century bldg, St. Louis, Mo.
Product Sales Co., 32 So Calvert, Baltimore, Md.
Riverton Lime Co., Riverton, Va.
Schaffer Engineering & Equip. Co. (Engineers, Designing, Contracting in Clay Products, Lime, Silica and Plants), 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
Scioto Lime & Stone Co., Delaware, O.
Security Cement & Lime Co. ("Berkeley"), Hagerstown, Md.
Southern Gypsum Co., North Holston, Va.
Standard Lime & Stone Co., Fond-du-Lac, Wis.
Taylor Lime Co., Los Angeles, Cal.
Tidewater Portland Cement Co., Calvert bldg, Baltimore, Md.
United States Gypsum Co. ("Ivory"), 205 W Monroe, Chicago, Ill.
Warner Chas. Co. ("Cedar Hollow" Plant), I. O. O. F. bldg, Wilmington, Del.
Washington Building Lime Co., Equitable bldg, Baltimore, Md.
Western Lime & Cement Co., Pabst bldg, Milwaukee, Wis.
White Marble Lime Co., Manistique, Mich.
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York
Woodville Lime Products Co., 622 Madison av, Toledo, O.

7452a— *Lime Hydrators

SCHAFFER ENGINEERING & EQUIPMENT CO., (Continuous & Automatic) 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

7453— Lime (Hydraulic)

Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
Doggett Stanley, 11 Cliff, New York
Fowler & Pay ("Brewa"), Mankato, Minn.

Menominee Brick Co., Menominee, Mich.
Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
Sheedy Thos. W., Fayetteville, N. Y.
Solvay Process Co., Syracuse, N. Y.

Lime (Hypophosphate)

See Calcium, Hypophosite

7454—Lime (Magnesian White)

Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
Lee Lime Co. (For Sulphite & Rag Paper Mills, Hard Plaster, Scratch & Brown Coat, etc), Lee, Mass.
Woodville Lime Products Co., 622 Madison av, Toledo, Ohio

7455— Lime Mfrs.

For Lime Dealers see Masons' & Builders' Materials

ALABAMA.

ALLGOOD—Cheney Lime Co.
EUREKA—O'Neal C. L.
KEYSTONE—Keystone Lime Co. (See Charleston, S. C.)
NEWALA—Newala Lime Works
PAINT ROCK—Saginaw Lime & Lumber Co.
SAGINAW—Saginaw Lime & Stone Co.

ARIZONA.

NELSON—Grand Canyon Lime & Cement Co. (See Los Angeles, Cal.)
PUNTENNEY—Puntenney Lime Co. (See Los Angeles, Cal.)

ARKANSAS.

FAYETTEVILLE—Ozark White Lime Co. Works: Johnson, Ark.
GARFIELD—McKinlay P. Jr.
JOHNSON—Ozark White Lime Co. (See Fayetteville, Ark.
ROGERS — Rogers White Lime Co. (White)
RUDDELLS—Arkansas Lime Co.

CALIFORNIA.

FELTON—Holmes Lime & Cement Co. (See San Francisco, Cal.)
KENNETT—Holt & Gregg Co. (See Redding)
LOS ANGELES—Grand Canyon Lime & Cement Co. Works: Nelson, Ariz.
Oro Grande Lime & Stone Co. Works: Halleck, Cal.
Puntenney Lime Co. Works: Puntenney, Ariz.
Summit Lime Co. Works: Tehachapi Cal.
REDDING—Holt & Gregg Co.
SAN FRANCISCO—Cowell Hy. Lime & Cement Co., 2 Market
Holmes Lime & Cement Co. Postal Tel. bldg
Horton Lime Co., Monadnock bldg.
Pacific Lime & Plaster Co., Monadnock bldg.
San Francisco Lime Co., Monadnock bldg
SANTA CRUZ—Cowell Hy. Lime & Cement Co. (See San Francisco)
SONORA—Pacific Lime & Plaster Co. (See San Francisco, Cal.)
TEHACHAPI—Summit Lime Co. (See Los Angeles, Cal.)

COLORADO.

DENVER—Colorado Lime & Fluxing Co., 321 McPhee
Colorado Portland Cement Co. Works: Portland, Colo.
PORTLAND—Colorado Portland Cement Co. (See Denver, Colo.)

CONNECTICUT.

CANAAN—Connecticut Lime Co. (See Lee, Mass.)
New England Lime Co. (See Danbury, Conn.)
EAST CANAAN—Connecticut Lime Co. (See Lee, Mass.)
DANBURY—New England Lime Co.
Stearns Lime Co.
HARTFORD—Allyndale White Marble & Lime Co.
REDDING—New England Lime Co. (See Danbury, Conn.)

DELAWARE.

WILMINGTON—Warner Chas. Co. ("Limold"), I. O. O. F. bldg.

FLORIDA.

OCALA—Florida Lime Co.

IDAHO.

BAYVIEW—Washington Brick, Lime & Sewer Pipe Co. (See Spokane, Wash.)

ILLINOIS.

ALTON—Armstrong Jno. Lime & Quarry Co.
CHICAGO—Allwood Lime Co., 30 N Dearborn
Artesian Stone & Lime Works Co., Grand & Campbell avs
Brownell Improvement Co., Cham. of Com bldg
Chicago Union Lime Works Co., 1900 W 19th
Druecker N. J. & Co., 2634 N Artesian av
Marblehead Lime Co. (Lump and bldg), 159 N State.
Stearns Lime & Stone Co., 160 W Randolph
Templeton Lime Co., 1019 N Homan av
Wisconsin Lime & Cement Co., 132 W Wash.
FULTON—Alden Lime Co. (See Clinton, Ia.)
KANKAKEE—Ruhle Christian
LYONS—Riverside Lime & Stone Co.
MARBLEHEAD—Marblehead Lime Co., (See Chicago, Ill.)
PORT BYRON—Port Byron Lime Association.
QUINCY—Menke F. W. Stone & Lime Co.
Meyer W. D. (Marble White)
Quincy White Lime & Cement Co.
ROCKFORD—Hart & Page

INDIANA.

DELPHI—Delphi Lime Co.
Harley C. & G. P.
HUNTINGTON—Ohio & Western Lime Co. (White)
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania av, (White), Works: Portland, Ind.
MITCHELL—Mitchell Lime Co.
PORTLAND—A. & C. Stone & Lime Co. (See Indianapolis, Ind.)

IOWA.

CLINTON—Alden Lime Co. Works: Fulton, Ill.
DES MOINES—Des Moines Fuel & Lime Co.
DUBUQUE—Eagle Point Lime Works
MAQUOKETA—Hurst A. (Est. of)
OTTUMWA—Ottumwa Lime & Cement Co.

KANSAS.

CHANUTE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)

KENTUCKY.

HOPKINSVILLE — Hopkinsville Lime Works
LOUISVILLE — Louisville Cement Co. ("Blue River"), 315H Guthrie
Union Cement & Lime Co.
MOUNT VERNON—Mount Vernon Lime Co.

MAINE.

ROCKLAND—Bird A. J.
Rockland & Rockport Lime Co.
THOMASTON—Creighton Jas. A. & Co.

MARYLAND.

BALTIMORE—Green Robt. S., 3232 Frederick av
Platt & Co. (Shell), Key Highway & Boyle
Rockcastle Cement & Lime Co., Munsey bldg
Standard Lime & Stone Co., Equitable bldg
Tidewater Portland Cement Co., Calvert bldg. Works: Union Bridge, Md.
Washington Building Lime Co., Equitable bldg
BUCKEYSTOWN—Standard Lime & Stone Co. (See Baltimore, Md.)
Washington Bldg. Lime Co. (See Baltimore, Md.)
CAVETOWN—Bushey G. M. & Son
FREDERICK—Kellar O. J. Lime Co.
HAGERSTOWN—Security Cement & Lime Co.
LE GORE—Le Gore Combination Lime Co.
LIME KILN—Grove M. J. Lime Co.
SECURITY—Security Cement & Lime Co. (See Hagerstown, Md.)
TEXAS—Lindsay William P.
UNION BRIDGE—Tidewater-Portland Cement Co. (See Baltimore, Md.)
WALKERSVILLE—McAleer Lime Co.
WOODSBORO—Barrick S. W. & Son

MASSACHUSETTS.

ADAMS—Hoosac Valley Lime Co.
New England Lime Co. (See Danbury, Conn.)
CHESHIRE—Cheshire Lime Mfg. Co.
FARNAMS—Farnam-Cheshire Lime Co. (See N. Y. C.)
WORCESTER—Green Mountain Lime Corp.
LEE—Connecticut Lime Co. Works: East Canaan, Conn.
Lee Lime Co. (Magnesia White Lime)
RICHMOND—Pittsfield Lime Co.
SHEFFIELD—Berkshire Hills Co.
WEST STOCKBRIDGE—Granger Lime & Marble Co.
Tobey Lime Co.
Miller Clifford L.
West Stockbridge Lime Co.

MICHIGAN.

CHARLEVOIX—Charlevoix Rock Products Co.
GRAND RAPIDS — Antrim Lime Co. Works: Petoskey, Mich.
MANISTIQUE—White Marble Lime Co.
MENOMINEE—Lyon Bros.
PETOSKEY — Antrim Lime Co. (See Grand Rapids, Mich.)
Northern Lime & Stone Co.

MINNESOTA.

DULUTH—Kelley Island Lime Co.
MANKATO—Coughlan T. R. Co.
Fowler & Pay ("Brown" Hydraulic)
RED WING—Lillyblad Gust.
ST. PAUL—Shakopee Cement Lime Mfg. Co., 220 Chestnut

MISSOURI.

ASH GROVE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)
BRICKEYS—Arrow Head Mfg. Co. (See St. Louis, Mo.)
CAPE GIRARDEAU—Cape Lime & Marble Co.
CARTHAGE—Carthage Marble & White Lime Co. (See St. Louis, Mo.)
CENTAUR STATION—Centaur Lime Co.
EUGENE—Spring Garden Marble & White Lime Co. (See St. Louis, Mo.)
GLENCOE—Glencoe Lime & Cement Co. (See St. Louis, Mo.)
HANNIBAL—Hannibal Lime Co.
Star Lime Co.
KANSAS CITY—Ash Grove Lime & Portland Cement Co. ("Ash Grove" White) 7th ft. Grand av. Temple
Marblehead Lime Co. (See Chicago, Ill.)
Phenix Marble Co., 19th & Olive. Works: Phenix, Mo.
LOUISIANA—Marble Head Lime Co. (See Chicago, Ill.)
PIERCE CITY—Pierce City Lime Co. (White)
SARCOXIE—Marble Head Lime Co. (See Chicago, Ill.)
ST. LOUIS—Arrow Head Mfg. Co.
Carthage Marble & White Lime Co. Works: Carthage, Mo.
Glencoe Lime & Cement Co. Works: Glencoe, Mo.
Hunkins-Willis Lime & Cement Co. (White, etc), Century bldg.
Peerless White Lime Co., Century bldg
Spring Garden Marble & White Lime Co.
Ste Genevieve Lime & Cement Co., Mermod-Jaccard bldg
SPRINGFIELD—Marblehead Lime Co. (See Chicago, Ill.)
STE. GENEVIEVE—Peerless White Lime Co. (See St. Louis, Mo.)
Ste. Genevieve Lime & Quarry Co. (See St. Louis, Mo.)
Western Lime Works

MONTANA.

ELLISTON—Elliston Lime Co.

NEW JERSEY.

BRIDGETON—Frazeur Lime Works
CAMDEN—Camden Lime Co.
ELIZABETH—Smith Lime Flour Co.
GERMAN VALLEY—Neighbour E. J.
HAMBURG — New Jersey Lime Co. Works: McAfee Valley, N. J.
Vanderhoof Lime Co.
McAFEE VALLEY—New Jersey Lime Co. (See Hamburg, N. J.)

NEW YORK.

BIGELOW—Williams Chas. & Co. (Mostly in Bulk)
BROOKLYN—(See New York City, Borough of Brooklyn)
CALEDONIA—International Agrl. Corp. (See N. Y. C.)
CHAUMONT—Adams & Duford Co. ("Chaumont" White Lime in Bulk & Barrel)
CHAZY—Chazy Marble Lime Co.
DOVER PLAINS—Duchess County Lime Co.
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co. (Water, Lime or Cement)
Sheedy Thos. W. (Water Lime or Cement)
GLEN FALLS—Finch, Pruyn & Co., Inc. (Wood burnt)
Wait F. W. Lime Co.
HONEOYE FALLS—Genesee Lime Co.
LEROY—Heimlich J.
NEWBURGH—Harrison & Curtis

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Manhattan Lime Co., 1335 37th
Rockland-Rockport Lime Co., 226 Newall

LIME MFRS.—continued
NEW YORK—continued

Boroughs of Manhattan and Bronx.

NEW YORK—Bloomer Lime Co., 406 E 149th
Empire Limestone Co., 19 Hudson
Farnam-Cheshire Lime Co., 39 Cort.
Industrial Chemical Co. (Agricultural), 200 5th av
International Agrl. Corp., 61 B'way
Miller Clifford L., 280 Madison av
New York & New England Cement & Lime Co., 30 Broad
Palmer Lime & Cement Co. ("Cheshire," "Bellefonte," "Palmer," "Yorktown Heights," "Connecticut White"), 103 Park av

(End of New York City)

ROCHESTER — Rochester Lime Co. ("Snow Flake")
Will Corp., Dept. H.
SCARBORO—Dutchess County Lime Co.
UTICA—Conley F. E. Stone Co.

NORTH CAROLINA.

ASHEVILLE—Blue Ridge Lime Co.
FLETCHER—Blue Ridge Lime Co.

OHIO.

BUCYRUS—Broken Sword Stone Co.
CANTON — Agricultural & Commercial Lime Co.
Canton Grey Lime Co.
CAREY—National Lime & Stone Co.
CEDARVILLE—Ervin D. S. Co. (Large)
CLAY CENTER—Kelley Island Lime & Transport Co. (See Cleveland, O.)
CLEVELAND—Kelley Island Lime & Transport Co., Leader News bldg
DELAWARE—Scioto Lime & Stone Co.
EIFORT—Morgan & Horton
FOSTORIA—Ohio & Western Lime Co. (Ground & in Lump). (See Huntington, Ind.)
FREMONT—Gottron Bros. Co.
GENOA—Ohio & Western Lime Co. (White). (See Huntington, Ind.)
GIBSONBURG—National Mortar & Supply Co. (See Pittsburgh, Pa.)
Ohio & Western Lime Co. (White). (See Huntington, Ind.)
KELLEYS ISLAND—Kelley Island Lime & Transport Co. (See Cleveland, O.)
LISBON—Lisbon Lime Co.
LUCKEY—Doherty Lime & Stone Co. (See Toledo, O.)
MARBLEHEAD—Kelley Island Lime & Transport Co. (See Cleveland, O.)
MARION—Evans John Stone & Lime Co.
Ohio & Western Lime Co. (See Huntington, Ind.)
OWENS—Owens John D. & Son Co.
PATTERSON—Herzog Jno. & Son
PIQUA—Ohio Marble Co.
ROCKY RIDGE—Rocky Ridge Lime & Stone Co.
SANDUSKY — Kelley Island Lime & Transport Co. (See Cleveland, O.)
SPRINGFIELD—Mills Bros.
Moores Lime Co.
TIFFIN—Ohio & Western Lime Co. (See Huntington, Ind.)
Weot Lime & Stone Co.
TOLEDO—Woodville Lime Products Co. (White), 622 Madison av. Works: Woodville, O.
WOODVILLE—Woodville Lime Products Co. (See Toledo, O.)

PENNSYLVANIA.

ALLENTOWN—Mertz Chas. H.
Mitchell Lime Co.
Trexler Theo. E.
ANNVILLE—Annville Lime Co. (See Lebanon, Pa.)
BELLEFONTE—American Lime & Stone Co. (See Tyrone, Pa.)
Bellefonte Lime Co.
Center County Lime Co.
Chemical Lime Co.
Empire Lime Kilns
Whiterock Quarries
BETHLEHEM—Bethlehem Lime & Stone Co.
BITTINGER—Bittinger E. M.
Moul J. H. & Sons
BRIDGEPORT—Tyson J. L. (See Phila., Pa.)
CARLISLE—Goodyear Bros.
EASTON—Easton Lime Co.
ELLWOOD CITY—Beaver Valley Lime Co.
EMIGSVILLE—Emigsville Quarry Co.
FRAZER—Knickerbocker Lime Co. (See Phila., Pa.)
HARRISBURG—United Lime & Stone Co.
Whittock J. M. (Crushed Stone & Lime)
GROVE CITY—Grove City Limestone Co.
HYNDMAN—Enterprise Lime & Ballast Co.
KUTZTOWN—Kutztown Lime & Crushed Stone Co.
LANCASTER—Lancaster Lime & Supply Co.
LEBANON—Annville Lime Co. Works: Annville, Pa.
LEMOYNE—United Lime & Stone Co. (See Harrisburg, Pa.)
LIMERIDGE—Low Bros. & Co.
Paragon Plaster & Supply Co. (See Scranton, Pa.)
MYERSTOWN—Wagner Thos. A.
NEW CASTLE—Rose Point Stone & Lime Co.
NORRISTOWN—Lukens & Yerkes. (See Phila., Pa.)
Merion Lime & Stone Co.
PHILADELPHIA—Bradley Walter T. Co.
Knickerbocker Lime Co. (Inc.), 366 N 24th. Works: Frazer, Pa.
Lukens & Yerkes, Stephen Girard bldg. Works: Norristown, Pa.
Tyson J. L., 900 Jefferson. Works: Bridgeport, Pa.
Warner Chas. Co. (Cedar Hollow, Wrightville & Potomac Lime Stone), Finance bldg.
PITTSBURGH—Blair Limestone Co.
Miller & Coulson (Dealer), 5748 Ellsworth av.
National Mortar & Supply Co. ("Banner Hydrate"), 2d Nat'l Bank bldg. Works: Gibsonburg, O.
Shenango Limestone Co.
PLYMOUTH MEETING—Corson G. & W. H.
Cox Lime & Stone Co.
PORTLAND—Keller Luther. (See Scranton, Pa.)
READING—Reading Lime Co.
SCRANTON—Haslam Lime & Chemical Co.
Keller Luther
Paragon Plaster & Supply Co. Works: Limeridge, Pa.
THOMASVILLE — Thomasville Stone & Lime Co.
TYRONE—American Lime & Stone Co.
WICK—Climax Lime & Stone Co.
WRIGHTSVILLE—Steacy & Wilton Co.
YORK—Baker J. E. Co.
Palmer L. M.
York Valley Lime Co.
YORK SPRINGS—Trostel Geo. H.

SOUTH CAROLINA.

CHARLESTON—Keystone Lime Co. Wks: Keystone, Ala.
Southern States Lime Corp.

SOUTH DAKOTA.

PRINGLE—Black Hills Lime Co.

TENNESSEE.

CHATTANOOGA—Gager Lime & Mfg. Co. Works: Sherwood Tenn.
Hooker Crushed Stone Co.
CRAB ORCHARD—Southern States Lime Corp. ((See Charleston, S. C.)
ERIN—Rauscher E. W.
KNOXVILLE—Tennessee Lime & Sand Co.
MEMPHIS—Denie's Jno. A. Sons Co. (Ala., Ark. & Tenn. Lime)
NASHVILLE—Tennessee Cement & Lime Co. Works: Summitville, Tenn.
PALMYRA—Hussey M. M. & E. T.
SHERWOOD—Gager Lime & Mfg. Co. (See Chattanooga, Tenn.)
SUMMITVILLE — Tennessee Cement & Lime Co. (See Nashville, Tenn.)

TEXAS.

AUSTIN—Austin White Lime Co.
DALLAS—Dallas Lime & Gravel Co.
EL PASO—Courchesne A.
NEW BRAUNSFELS—Dittlinger Lime Co.
OGLESBY—Boone D. R.

UTAH.

SALT LAKE CITY—Langston Lime & Cement Co.

VERMONT.

HIGH GATE SPRINGS—Missiquoi Lime Works
IRA—Day Dexter D. & Son
LEICESTER JUNCTION — Brandon Lime & Marble Co.
MIDDLEBURY — Green Mountain Lime Corp.
NEW HAVEN—Green Mountain Lime Corp.
NORTH POWNAL—New England Lime Co. (See Danbury, Conn.)
SAINT ALBANS—Fonda W. B. (Est. of) Works: Swanton Junction, Vt.
SWANTON—Rich Jno. P.

VIRGINIA.

EAGLE ROCK—Moore Lime Co. (See Richmond, Va.)
INDIAN ROCK—Dillon's E. Sons
LEESBURG—Leesburg Lime Co.
LIMETON—Limeton Lime Co.
LINVILLE—Linville Lime Co.
NORFOLK—Lee A. S. & Sons Co. (See Richmond)
ORANDA—Orndorff M. M.
RICHMOND—Moore Lime Co. Works: Eagle Rock, Va.
Powhattan Lime Co.
RIVERTON—Riverton Lime Co. (Barrel and Bulk)
ROANOKE—Adams, Payne & Gleaves Inc.
STAUNTON—Feisworth Lime Co.
STEPHENS CITY—Grove M. J. Lime Co. (See Lime Kiln, Md.)
STRASBURG—Powhatan Lime Co. (See Richmond, Va.)
Standard Lime & Stone Co. (See Baltimore, Md.)
STRASBURG JUNCTION — Shenandoah Lime Co.
TOMS BROOK—Rockdale Lime Co.

WASHINGTON.

DEER HARBOR—Cowell Henry Lime & Cement Co. (See San Francisco, Cal.)
Orcas Lime Co.
EVANS—Idaho Lime Co. (See Spokane, Wash.)
FRIDAY HARBOR—Cowell Henry Lime & Cement Co. (See San Francisco, Cal.)
ROCHE HARBOR—Tacoma & Roche Harbor Lime Co.
SEATTLE—Orcas Lime Co. (See Deer Harbor)
SPOKANE — Idaho Lime Co. Works: Evans, Wash.
Washington Brick, Lime & Sewer Pipe Co. Works: Bayview, Idaho
SUMAS—International Lime Co.

WEST VIRGINIA.

BAKERTON—Washington Building Lime Co. (See Baltimore, Md.)
BUNKER HILL—Baker J. E. Co. (See York, Pa.)
KENOVA—Basic Products Co. (See Pittsburgh, Pa.)
MARTINSBURG — Blair Limestone Co. (See Pittsburgh, Pa.)
Standard Lime & Stone Co. (See Baltimore, Md.)
NEW CUMBERLAND—Acme Fire Clay Works

WISCONSIN.

APPLETON—Marston Bros. Co.
BRILLION—Union Lime Co. (See Milwaukee, Wis.)
CEDARBURG—Groth J. F. & Son
DRUECKER—Independent Lime & Stone Co.
FOND DU LAC—Standard Lime & Stone Co. (White)
GRAFTON—Milwaukee Falls Lime Co. (See Milwaukee, Wis.)
GRIMMS—Union Lime Co. (See Milwaukee, Wis.)
HAYTON—Union Lime Co. (See Milwaukee, Wis.)
KEWAUNEE—Nast Bros. Lime & Stone Co. (See Marblehead, Wis.)
KNOWLES—Nast Bros. Lime & Stone Co. (See Marblehead, Wis.)
Standard Lime & Stone Co. (See Fond du Lac, Wis.)
MARBLEHEAD—Nast Bros. Lime & Stone Co. (See Milwaukee, Wis.)
Union Lime Co.
MAYVILLE—Mayville White Lime Works
MENASHA—Plummer H. H.
MILWAUKEE—Empire Lime & Stone Co.
Milwaukee Falls Lime Co.
Union Lime Co., Pabst bldg.
Western Lime & Cement Co., Pabst bldg
OSHKOSH—Cook & Brown Lime Co.
QUARRY—Empire Lime & Stone Co. (See Milwaukee, Wis.)
RACINE—Fox Lime & Stone Co.
SHEBOYGAN—Sheboygan Lime Works
TEMPLETON—Templeton Lime Co. (See Chicago, Ill.)
VALDERS—Standard Lime & Stone Co. (See Fond du Lac, Wis.)
Valders Lime & Stone Co.

Lime Permanganate

See Calcium, Permanganate

7455a— Lime Plants

SCHAFFER ENGINEERING & EQUIPMENT CO. (Continuous and Automatic), 2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*

7455b— Lime Sulphate

Doggett Stanley, 11 Cliff., New York
Higginson Mfg. Co., Newburgh, N. Y.
Scheel Wm. H. (Imp.), 159 Maiden la, New York *See adv index at end of book*
Western Chemical Mfg. Co. (Bi-Sulphate of Lime), Denver, Colo.

Lime Sulphide

See Calcium, Sulphide

Lime Sulphite

See Calcium Sulphite

7456—Lime Sulphur Solution

Dow Chemical Co., Midland, Mich.
Fergusson, Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Taylor Chemical Co., Penn Yan, N. Y.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

7457— Lime (Vienna)

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Sieman & Elting, 99 Nassau, New York
Union Polish Co. (Composition), 80 Barclay, New York

7458—Limestone (Cream White)

Tompkins Kiel Marble Co. ("American"), 505 5th av, New York

7459—Limestone (Ground & Powdered)

American Ballast Co. (Pulverized), Holton Nat. Bk. bldg, Knoxville, Tenn.
Armstrong Jno. Lime & Quarry Co., Alton, Ill.
Bessemer Limestone Co. (For Agricultural Use), Youngstown, O.
Casparis Stone Co. (Ground Limestone), Clinton bldg, Columbus, O.
Columbus Macadam Co., 319 Dublin av, Columbus, O.
Columbia Quarry Co. (For Road Building, Concrete Construction, Agricultural and Fluxing Purposes), Fullerton bldg, St. Louis, Mo.
Doggett Stanley, 11 Cliff, New York
Dolomite Products Co. (Agricultural), 1110 Euclid av, Cleveland, O.
Fruin-Bambrick Consolidated Co. (Pulverized or Dust), 800 S Spring av, St. Louis, Mo.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Glencoe Lime & Cement Co. (Limestone Flux), Syndicate Tr. bldg, St. Louis, Mo.
Golden State Portland Cement Co., 112 W 9th, Los Angeles, Cal.
Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
Marble Cliff Quarries Co. (for Agricultural Use), Columbus, O.
Mitchell Lime Co., Mitchell, Ind.
National Mortar & Supply Co. (For Agricultural Use; also Glass Makers), 2nd Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Marble Co., Piqua, O.
Rock Cut Stone Co. (For Agricultural Use), Syracuse, N. Y.
Security Cement & Lime Co., Security, Md.
Skrainka Construction Co., Security bldg, St. Louis, Mo.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Whitestone Marble Co., Atlanta, Ga.

7460—Limestone (Screened)

Bessemer Limestone Co., Youngstown, O.
Columbus Macadam Co., 319 Dublin av, Columbus, O.
Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
Marble Cliff Quarries Co., Columbus, O.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.

7461— Liners (Chute)

See also Plates, Chute

7462— Liners (Cylinder)

American Welding Co., Carbondale, Pa.

7463— Lines (Measuring)

Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Kane Supply Co. (For Oil & Gas Wells), Kane, Pa.

7463a—Liniment (Chloroform)

Am. Pharmacal Co. (U. S. P.), 819 N 2nd, Philadelphia, Pa.

7463b— Liniment (Soap)

Am. Pharmacal Co. (U. S. P.), 819 N 2nd, Philadelphia, Pa.
Gartside's Iron Rust Soap Co. ("Heshe" Germicidal), 4054½ Lancaster, Philadelphia, Pa.

7463c—Linings (Bag, Waterproof)

Arkell Safety Bag Co., 120 B'way, New York
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.

7463d—Linings Barrel (Elastic Paper)

Arkell Safety Bag Co., 120 B'way, New York
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.

Linings (Blast Furnace)

See Brick, Blast Furnaces

7463e— Linings (Brake)

Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*
Kelso Mfg. Co., Trenton, N. J.
Sunbeam Mfg. Co. ("Sunbeam" for Fords), 1113 E. 30th Kansas City, Mo.
Thermoid Rubber Co. ("Thermoid"), Trenton, N. J.

7464— Linings (Carpet)

American Tar Products Co. (Plain and Indented), 208 S La Salle, Chicago, Ill.
Am. Tar Products Co., 208 S La Salle, Chicago, Ill.
Brown Co. ("Bulls Hide Gray"), Portland, Me.
Bishop Robert Mfg. Co., 157 W Sixth, South Boston, Mass.
Carlyle Paper Co., Carlyle, Ill.
Certain-teed Products Co., St. Louis, Mo.
Ford Roofing Products Co., 2339 La Salle, Chicago, Ill.
Fox Paper Co., Lockland, O.
Certain-teed Products Corp. (Plain & Corrugated), Boatman's Bank bldg, St. Louis, Mo.
Johns-Manville H. W. Co., Madison av & 41st, New York
Kieffer Paper Co., Brownstown, Ind.
Kingston Paper Co., Inc., Little Falls, N. Y.
Mac-Sim-Bar Paper Co. (Corrugated), Otsego, Mich.
Munroe Falls Paper Co., Massillon, O.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
New England Carpet Lining Co., New London, Conn.
Newton Paper Co. ("Gold Medal"), Holyoke, Mass.
Ohio Paper Co., Miamisburg, O.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Rockton Paper Co. (Corrugated), Rockton, Ill.
Schmidt & Ault Paper Co., York, Pa.
Sutton E. W., 53 Sedgwick, Brooklyn, N. Y.
Thompson & Norris Co. The, (Corrugated), 212 Concord, Brooklyn, N. Y.
Union Carpet Lining Co., 79 Summer, Boston, Mass.
Van de Carr Paper Co., Stockport, N. Y.
Watson H. F. Co. (Corrugated, Moth Proof, etc), Erie, Pa.

7465— Linings (Case)

Acme Paper Co. (Suit Case), 52 E Elizabeth, New York
Certain-teed Products Corp. (Waterproof), Boatsman's Bank bldg., St. Louis, Mo.
Goodlatte T. R. & Son Inc. (Waterproof), Delawanna av, Delawanna, N. J.
See adv index at end of book



WATERPROOF
CASE LININGS

Samples Mailed on Request

T. R. Goodlatte & Sons, Inc.
Delawanna Ave., Delawanna, N. J.

Hydrex Felt & Engineering Co. (Waterproof), 120 Liberty, New York
Insurance Packing Mills (Waterproof, Cloth Lined & All Paper), Brockton, Mass.
Keystone Roofing Mfg. Co. ("Keystone" Waterproof, Duplex, Single Coated & Reinforced Papers), York, Pa.
UNION PAPER & TWINE CO. 128 St. Clair av NW, Cleveland, O, and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

7466-7— Linings (Clutch)

Am. Textile Banding Co. Inc. (Ford Transmission), Belfield av & Wister, Philadelphia, Pa.
Detroit Leather Specialty Co., Inc. ("Wear Well"),275 Beecher av, Detroit, Mich.
Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*
Dominion Asbestos & Rubber Corp. ("Griptite"), 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co. Charleston, S. C.
Graton & Knight Mfg. Co., Worcester, Mass.
Hide Leather & Belt Mfg. Co. (Leather), 227 S Meridian, Indianapolis, Ind.
Mau-Sherwood Supply Co. (Automobile Cone), 1616 W 3d. Cleveland, O.
Milwaukee Leather Belting Co. ("M. L. B."), 146 W Water, Milwaukee, Wis.
National Leather Mfg. Co. ("National," & "Wolverine"), Niles, Mich.
Rahmann Geo. & Co. (Hydraulic, Leather), 31 Spruce, New York
Raybestos Co., Bridgeport, Conn.
Thermoid Rubber Co., Trenton, N. J.

7468— Linings (Digester)

Stebbins Engineering & Mfg. Co., Watertown, N. Y.

7469— Linings (Flue)

See also Pipe, Sewer

American Clay Products Co., 175 5th av, New York
American Fire Brick Co., Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Bannon P. Pipe Co., Louisville, Ky.
Blackmer & Post Pipe Co. (Fire Clay), Boatman's Bank bldg., St. Louis, Mo.
Buckeye Fireclay Co., Uhrichsville, O.
Campfield Raggle Block Co. (Air Cell Fire Proof, Smoke Stack Liners), Richmond, Ind.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Columbus Sewer Pipe Co., Columbus, Ga.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Dickey W. S. Clay Mfg. Co., N. L. Life bldg, St Louis, Mo
Duffy J. P. Co., 207 E 138th, New York
East Ohio Sewer Pipe Co., Irondale, O.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Evans Clay Mfg. Co., Uhrichsville, O.
Excelsior Fire Clay Co., Lisbon, O.
Gladding, McBean & Co. (Terra Cotta), Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Hall & Sons, Buffalo, N. Y.
Iowa Pipe & Tile Co., Des Moines, Ia.
Klotz A. E. Fireproofing Co., 2517 Washington, New York
Laclede-Christy Clay Products Co., Railway Ex. bldg, St. Louis, Mo.
Lehigh Sewer Pipe & Tile Co, Fort Dodge, Ia.
Livermore Fire Brick Wks., Niles, Cal.
Macomb Sewer Pipe Co. (Fire Clay), Macomb, Ill.
Macon Sewer Pipe Wks., Macon, Ga.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Mushet W. E. Co. (Jobbers), 502 Mission, San Francisco, Cal.
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
gor, Pa.
New York Pottery Co., Fuller bldg, New York
Northwestern Clay Mfg. Co., Aledo, Ill.
Oconee Brick & Tile Co., Milledegeville, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
Pomona Terra Cotta Co., Pomona, N. C.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Reeve Augustus, Camden, N. J.
Robinson Clay Product Co., Akron, O.
Robinson & Sons Sewer Pipe Co., Ulrichsville, O.
St. Marys Sewer Pipe Co., St. Mary's, Pa.
San Antonia Sewer Pipe Wks., San Antonio, Texas
Shawmut Clay Mfg. Co. ("Shawmut"), Drummond, Pa., & 182 B'way, New York
Southern Sewer Pipe Co., Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Texarkana Pipe Wks., Texarakana, Ark.
Uhl Pottery Co., Evansville, Ind.
Union Sewer Pipe Co., McKeesport, Pa.
Vigo-Am. Clay Co., Terra Haute, Ind.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.
Williams N. A. Co., 133 W Washington, Chicago, Ill.
Winslow & Co., Portland, Me.

7469a— *Linings (Furnace)

See also Brick (Blast Furnace)

General Ceramics Co. (Clay), 50 Church, New York

Linings (Ladle)

See Brick, Ladle

7470—Linings (Ladle, Cinder Car)

Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.

7471— Linings (Pump)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7472—Linings (Refrigerator)

Baltimore Enamel & Novelty Co., ("Enameled Iron), 4 E Redwood, Baltimore, Md.
Bangor Structural Slate Co. (Slate), Bangor, Pa.
Enamel Products Co. (Enameled Iron), Eddy rd & Taft av, Cleveland, O.
INGRAM-RICHARDSON MFG. CO. (Porcelain Enameled Iron, One Piece & Flat Sheets), Beaver Falls, Pa.
See adv index at end of book
Mineral Products Co. ("Xyno," Stone), Rhinelander, Wis.
National Refrigerator Co., 827 Koeln av, St. Louis, Mo.
Vitreous Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*

7473—Linings (Rubber Boot & Shoe)

7474—Linings (Socket, Electric)

Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*
Draper Bros. Co., Canton, Mass.
New Standard Adding Machine Co., New Forest Pk. blvd and Spring, St. Louis, Mo.

7475— Linings (Tin)

Abernethy John F. (For all Vessels), 703 Myrtle av, B'klyn, N. Y.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*

7476— Links (Chain Repair)

Baldwin Chain & Mfg. Co. ("Baldwin Connecting"), Worcester, Mass.
Columbus McKinnon Chain Co., Columbus, Ohio
See adv index at end of book
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
See adv index at end of book
Krein Chain Co., Wapakoneta, O.
LAUGHLIN THOS. CO. ("Missing Link" Drop Forged with Double Interlocking Lug), Portland, Me.
See adv index at end of book
MARINE HARDWARE-EQUIPMENT CO. ("Acone" Drop Forged and "Mheco" Double Lock Forge), S Portland, Me.
See adv index at end of book
Nixdorf Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

7477— Links (Connecting)

Auer John, Jr. (Wrought Iron Open), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 2nd & Somerset, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Kilborn & Bishop Co. ("K. B.") 194 Chapel, New Haven, Conn.
Laughlin Thos. Co. ("Missing Link," "Eagle" Chain Repair Links), Portland, Me. *See adv index at end of book*
Marine Hardware-Equipment Co. ("Acme" Drop Forged), South Portland, Me.
Newhall Chain, Forge & Iron Co. (Also Repair), 89 West, New York
Pittsburgh Knife & Forge Co., Inc., Ridge & Chateau, Pittsburgh, Pa.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc ("Lasting" Drop Forged), Middletown, Conn.
See adv index at end of book

7478— Links (Drag)

Chain Belt Co., Milwaukee, Wis.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Michigan Electric Welding Co., 514 Hart, Detroit, Mich.

7479—Links For Conveyor Chains

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Chain Belt Co., Milwaukee, Wis.
Henry & Allen (Malleable & Steel), Auburn, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Scranton Forging Co., Scranton, Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7480—Links (Fusible Fire Door, Etc.)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
Chicago Fuse Mfg. Co. ("Union"), Taplin & 15th, Chicago, Ill.
See adv index at end of book
Richards-Wilcox Mfg. Co., Aurora, Ill.
Smith F. F. Hardware Co. (For Fireproof Windows, etc.), Newark, N. J.
ark, N. J.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Yates J. W., 168 8th av, New York

7481— Links (Grab, Etc.)

Weimer Chain & Iron Co., Lebanon, Pa.

7482— Links (Lap)

Collins, Hilton Co., Louisville, Ky.
Columbus Handle & Tool Co., Columbus Ind.
Krein Chain Co., Wapakoneta, O.

7483— Links (Split)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Parker Wire Goods Co. (Brass Wire), Worcester, Mass.
Plume & Atwood Mfg. Co. (Also Safety & Plumbers' Links), Waterbury, Conn.

7484—Links & Pins (Coupling)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Boston Forge Co., East Boston, Mass.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Champion Rivet Co., Harvard & E 108th, Cleveland, O.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Kansas City Bolt & Nut Co., Kansas City, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Screw Co. (Pins), Clarence & Bulwer avs, St. Louis, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.

7485— Linoleates

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
See adv index at end of book

7486— Linoleum Mfrs.

See also Oil Cloth Mfrs.

American Linoleum Mfg Co, 366 5th av, New York
Armstrong Cork Co. ("Armstrong" Linoleum Dept.), Dept. H, 24th & A. V. R. R., Pittsburgh, Pa.
Barth L. & Son (Dlrs.), H, Cooper Sq., New York
Beuttell Henry & Sons ("Greenwich" Inland, etc), 114 5th av, New York
Blabon Geo. W. Co. ("Invincible" Battleship & "Midvale" Inlaid, Printed, Plain, Carpet Inlaid & Rugs), Nicetown, Phila., Pa.
Certain-teed Products Co. ("Certain-teed" Plain, Inlaid & Printed), Boatman's Bank bldg., St. Louis, Mo.
Cook's Linoleum Co. ("Cooks" Inlaid, etc), Trenton, N. J.
Farr & Bailley Mfg. Co., Camden, N. J.
Germania Importing Co. ("Anchor," Inlaid, Imported), 41 Union sq, New York
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co. (Inc.), N 2d & Erie av, Philadelphia, Pa.
Rezilite Mfg. Co. ("Rezilite" Liquid), Peoples Gas bldg, Chicago, Ill.
Ringwalt Linoleum Works ("Rubberoleum"), New Brunswick, N. J.
United Roofing & Mfg. Co. ("Congoleum"), Morris bldg, Phila., Pa.
Weber C. H. ("Hansa" German Imported), 45 E 17th, New York
Welch Bedding Co., cor 5th & Ochoa, El Paso, Texas
Wild Joseph & Co. ("Battleship"), 366 5th av, New York
Witcombe McGeachin & Co. ("Staines" Inlaid Imported), 22 W 37th, New York

7487—Linseed Oil Substitutes

Boley C. H. Co. ("Lin-O-Lin"), 3722 N Randolph, Phila., Pa.
Crescent Oil & Supply Co., 303 N Level, St. Louis, Mo.
Sero Specialty Co., 2860 E 34th, Cleveland, O.

7488—Linseed Oil & Cake Mills

CALIFORNIA.

BERKELEY—El Dorado Oil Works (W. B.)
SAN FRANCISCO — Pacific Oil & Lead Works, 155 Townsend

ILLINOIS.

CHICAGO—Adams Fred C. Co. (Linseed Oil), 118 N La Salle
American Linseed Co., 2209 Lmbr
American Wood Preserving Co. (Economic Linseed Oil) ("Peal-Lin"), 1351 N Branch
Chicago White Lead & Oil Co., 1454 S Western av
Hirst & Begley Linseed Co., 2013 Mendel
Star Oil Co., 348 N Irving av

INDIANA.

INDIANAPOLIS—Evans Linseed Oil Co.

IOWA.

DES MOINES — Ankeney Linseed Mfg. Co. ("Anchor Brand," Oil, Cake & Meal)

MASSACHUSETTS.

BOSTON—American Linseed Co., 79 Milk
National Lead Co. of Mass, 131 State

MICHIGAN.

DETROIT—American Linseed Co.
National Lead Co., 10th & Howard

MINNESOTA.

MINNEAPOLIS—American Linseed Co., 794 Hampden; Main Office, New York City
Archer-Daniels Linseed Co., 2901 S E 6th
Midland Linseed Products Co., 1254 Chambers of Commerce
Minnesota Linseed Oil Co., 1101 S 3rd
Northern Linseed Oil Co., St. Anthony Park
RED WING—Red Wing Linseed Co.
ST. PAUL—American Linseed Co., 794 Hampden av.

MISSOURI.

KANSAS CITY—American Linseed Co., Main Office, N. Y. City
National Lead Co., 1406 W 13th
ST. LOUIS—American Linseed Co., 1600 Clark av., Main Office, N. Y. City
Mound City Paint & Color Co., 11th & Mullanphy

NEBRASKA.

OMAHA—American Linseed Co., Main Office, N. Y. City

NEW JERSEY.

EDGEWATER—Kellogg, Spencer & Sons (See Buffalo, N. Y.)
Midland Linseed Products Co. (See Minneapolis, Minn.)

NEW YORK.

AMSTERDAM—Kelloggs & Miller

BUFFALO—American Linseed Co., W. Ganson
Hauenstein & Co., 39 Vincennes
Kellogg, Spencer & Sons
Mann Bros. Co., 340 Ohio
NEW YORK—American Linseed Co. ("American," "Dean," & Thayer"), Woolworth bldg
Elbert & Co. (Imp.), 71 Wall
National Lead Co. ("Dutch Boy" Linseed Oil), 111 B'way

OHIO.

CINCINNATI—National Lead Co., 659 Freeman av.
CLEVELAND—Crawford Specialty Mfg. Co., Blackstone bldg
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, Ohio
Malone Oil Co., 2197 E 18th
National Lead Co., 637 Champlain av
TOLEDO—Metzger Seed & Oil Co.

OREGON.

PORTLAND — Portland Linseed Oil Works, Sherlocks av, ft of 22d

PENNSYLVANIA.

MUNCY—Robinson Mfg. Co.
PHILADELPHIA—Blabon Geo. W. Co., Nicetown,
Fergusson, Alex. Co. Jr., 474 Chestnut
See adv index at end of book
Grove Linseed Oil Co., Del. av & Bigler
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Lewis John T. & Bros. Co., Lafayette bldg
PITTSBURGH—National Lead & Oil Co. (of Penna.) (Raw, Boiled & Refined), Commonwealth bldg.
Waverly Oil Works Co., 54th

TEXAS.

CARTHAGE—Carthage Cotton Oil Co.

WISCONSIN.

MILWAUKEE—Goodrich, Wm. & Co., 30th & Hopkins

7488a— Linters (Cotton Seed)

Am. Cotton Oil Co., 65 B'way, New York
Boston Excelsior Co., 562 W 29th, New York
Hirsch Cotton & Linter Co., Macon, Ga.
Smith A. A. Cotton Products Co., Atlanta, Ga.
Texas Cake & Linter Co., Dallas, Texas

7489—Lips (Dredge & Clam Shell Bucket)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Taylor-Wharton Iron & Steel Co. (Manganese Steel), High Bridge, N. J.

7490—Liquid Putty For Greenhouses

Weatherproof Calking Co., No. Minneapolis, Minn.

7491— Liquids (Asphaltum)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Parker C. H. Co., Valparaiso, Ind.

7492— Liquids (Red)

Eastwood Chemical Co. (For Dying Cotton & Print Goods), Belleville, N. J.

7493—Listers & Corn & Cotton Planters (Riding)

Avery B. F. & Sons ("Mr. Bill"), Louisville, Ky.
Case J. I. Plow Works ("Racing Jr. Model B," "Non Skid," "Listers," "Center Drive Cell Drop," "Two Low Cell Drop," "Lone Star"), Racine Wis.
Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co. ("E-B" Single & Double Row), Rockford, Ill.
Gale Mfg. Co. ("Sure Drop"), Albion, Mich.
Ohio Cultivator Co. ("Ohio Flyer"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Racine-Sattley Co. ("Lucky Hit," "Tonapah"), Springfield, Ill.

7494—Listers & Drills (Riding)

Case J. I. Plow Works (Racine, Jr, Model B,". "Non Skid" Wide Tread, Two Row Power Lift for Tractors), Racine, Wis.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("John Deere"), Moline, Ill.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Gale Mfg. Co. ("Great West," "Sure Drop"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Janesville Machine Co. ("Janesville"), Janesville, Wis.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Moline Plow Co. ("Easy Money," "Tri Belle," "Western Belle"), Moline, Ill.
Ohio Cultivator Co. ("Ohio Senior"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Peru Plow & Wheel Co. ("Boss," "Little Duke," "Model," "New Duke"), Peru Ill.
Racine-Sattley Co. ("Little Buster," "Lucky Hit," "Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Rock Island," "Tricycle"), Rock Island, Ill.
St. Joseph Plow Co. ("Early Bird," "Famous St. Joe," "Tri-Wheeler"), St. Joseph, Mo.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline. Ill.
Swanson Plow Co., Muskogee, Okla.

7495—Listers & Drills (Riding, Two Row)

Deere & Co. ("John Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Reschke Machine Works Co., Wichita, Kas.
St. Joseph Plow Co. ("Famous St. Joe," "St. Joe"), St. Joseph, Mo.
Thompson Plow & Engine Works, Beloit, Wis.

7496—Listers & Drills (Walking)

Deere & Co. ("John Deere"), Moline, Ill.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Gale Mfg. Co. ("Great West"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Moline Plow Co. ("Puritan"), Moline, Ill.
Ohio Cultivator Co. ("Famous Ohio," "Ohio Junior"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver" & "Black Hawk"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Empress"), Rock Island, Ill.
St. Joseph Plow Co. ("Famous St. Joe"), St. Joseph, Mo.
Swanson Plow Co., Muskogee, Okla.
Thompson Plow & Engine Works, Beloit, Wis.

7497— Litharge

See also White & Red Lead Mfrs.

Continental Products Co., Quebec av, Cleveland, O.
Doggett Stanley (Jobbers), 11 Cliff, New York
Eagle Picher Lead Co. ("Picher"), 208H S La Salle, Chicago, Ill.
Euston White Lead Co., Wabash Tracks, St. Louis, Mo.
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Fuller W. P. & Co., 301 Mission, San Francisco, Cal.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Katzenbach & Bullock Co., 100 William, New York
Lead Products Co., 3215 Papin, St. Louis, Mo.
Lehigh Chemical Co., Allentown, Pa.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
McNulty, Joseph A., 114 Liberty, New York *See adv index at end of book*
National Lead Co., 111 B'way, New York
National Lead & Oil Co (of Pa.), (For Glassmakers & Rubber Mfrs.), Commonwealth bldg, Pittsburgh, Pa.
National Sales & Trading Co., Cleveland, Ohio
Reichard-Coulston Co. (Red Imp.), 303 5th av, New York
Scheel Wm. H. (Red, etc., Imported), 159 Maiden lane, New York *See adv index at end of book*
United Lead Co., 111 Broadway, New York
Vitro Manfg. Co., H, Bessemer bldg., Pittsburgh, Pa.
Waldo E. M. & T. ("Oxemony" Red). 11 B'way, New York
Wetherill & Bro., 126 S 30th, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

7497a— Lithium Benzoate

Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

7497b— Lithium (Bromide)

Cooper Chas. & Co., 194 Worth, New York

7497c— Lithium (Carbonate)

Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

7497d—Lithium (Chloride)

Cooper Chas. & Co., 194 Worth, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

7497e— Lithium (Iodide)

Cooper Chas. & Co., 194 Worth, New York

7498— Lithopone

Bayer Co. (Imp.), 117 Hudson, New York
Bauer Philip Co., 25 W Broadway, New York
Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
Chemical Pigments Corp. (Zinc Cloth), Stock Exch. bldg, Phila., Pa.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Lithopone, Dry Colors & Chemicals Ser., "Beckton White"), Wilmington, Del. *See adv index at end of book*
Du Pont (E. I.) De Nemours Co. (Paint & Varnish Sales Div.), Wilmington, Del.
Eagle Picher Lead Co., 208 S La Salle, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heller & Merz Co. ("Ponolith"), 503 Hudson, New York
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Krebs Pigment & Chemical Co. ("Ponolith"), Newport, Del.
National Sales & Trading Co. (30%), Cleveland, Ohio
New Jersey Zinc Co. ("Standard A" & "Green Label"), 160 Front, New York
Pfaltz & Bauer (Imp.), 300 Pearl, New York
Port Morris Chemical Wks., 141st & Locust av, New York
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Rolls H. J., Ellicott Sq. bldg, Buffalo, N. Y.
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Uhlich Paul & Co. (Imp.), 11 Cliff, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

7499— Litmus

Atlas Laboratory Equipment Bureau (Cubes), 731 N Wells, Chicago, Ill.
Cooper Chas. & Co., 194 Worth. New York
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Denver Fire Clay Co., Denver, Colo.
Elmer & Amend, 205 3rd av, New York
Palo Co., 90 Maiden Lane, New York
Powers-Weighrman-Rosengarten Co., 916 Parrish, Phila., Pa.

Litters (Folding)

See Stretchers, Hospital

7500— Loaders (Alfalfa)

Emerson-Brantingham Co. ("E-B" Gearless Cylinder) Rockford. Ill.
Sterling Mfg. Co., Sterling, Ill.

7501-2— Loaders (Box Car)

Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Fairmont Mining Machinery Co. ("Fairmont" Rotary), Fairmont, W. Va.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Manierre Engineering Co. ("Manierre"), Colby-Abbott bldg, Milwaukee, Wis.
Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.
Portable Machy. Co., Inc., Passaic, N. J.

Loaders (Cane)

See Loaders, Sugar Cane

7503— Loaders (Coal Car)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bucyrus Co., S. Milwaukee, Wis.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Holmes Robt. & Bros. (End Loaders), Danville, Ill. *See adv index at end of book*
Joy Machine Co., Union Arcade, Pittsburgh, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.
Portable Machy. Co., Inc., Passaic, N. J. Pa. *See adv index at end of book*

7504— *Loaders (Dirt)

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
KEYSTONE DRILLER CO., Beaver Falls, Pa. *See adv index at end of book*

7505— Loaders (Grain Car)

Bauder E. ("Reynolds"), Sterling, Ill.
Caldwell H. W. & Son Co. ("Champion," "Sterling"), 17th & Western av, Chicago, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Clark W. J. Co., Salem, O.
Maroa Mfg. Co. ("Boss"), Maroa, Ill.
Pease E. H. Mfg. Co., Racine, Wis.
Taylor L. E. & Co., ("Englehart") 312 Flour Exchange, Minneapolis, Minn.

7506— Loaders (Hay)

Dain Mfg. Co. ("Dains"), Ottumwa, Ia.
Emerson-Brantingham Co. ("E-B" Gearless Cylinder), Rockford, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
International Harvester Company of America (Inc.) (Keystone-International), 702 Harvester bldg, Chicago, Ill.
Kouns Wesley, Salina, Kansas
Marseilles Works of Deere & Co., East Moline, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Miller N. C. & Son, Dodgeville, Wis.
Moline Plow Co. ("Flying Dutchman," "Moline"), Moline, Ill.
Ohio Rake Co. ("Ohio," "Dayton"), Dayton, O.
Rock Island Plow Co. (Cylinder Rake Bar), Rock Island, Ill.
Sandwich Mfg. Co. ("Clean Sweep," "Easy Way"), Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas-Swath," "Thomas" Single Cylinder Loaders," "Thomas Double Cylinder"), Springfield, O.
Thornburgh Mfg. Co., Bowling Green, O.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

7507— Loaders (Log)

Allis-Chalmers Co., Milwaukee, Wis.
American Hoist & Derrick Co. ("American"), St. Paul, Minn.
Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co. ("Clyde," "McGiffert," "Decker," "Rapid" Clyde Iron Works), Duluth, Minn. *See adv index at end of book*



Diamond Iron Works ("Diamond" Steam & Automatic), 2nd & 18th av N, Minneapolis, Minn.

LOADERS (LOG)—continued
Filer & Stowell Co. (Steam), Milwaukee, Wis.
Goodyear Lumber Co. ("Barhart" Model), Marine Nat. Bank bldg, Buffalo, N. Y.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill
Lyon Iron Works, Greene, N. Y.
Marion Steam Shovel Co., P. O. Box 505, Marion O.
Monighan Machine Co. (Steam), 2032 Carroll av, Chicago, Ill.
Murray D. J. Mfg. Co., Wausau, Wis.
National Iron Co. ("Forest"), Duluth, Minn.
Parker Surry (Steam), Pinetown, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Soule Steam Feed Works, Meridian, Miss.
Street Bros. Machine Works, Chattanooga, Tenn.
Washington Machinery & Supply Co., Spokane, Wash.
Wheland Co., Chattanooga, Tenn.

7508—Loaders (Portable Wagon & Truck)

BYERS MACHINE CO., THE, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Joy Machine Co., 589 Union Arcade bldg, Pittsburgh, Pa.
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United Supply & Mfg. Co. ("American," for Handling Steel Rails), 332 Michigan, Chicago, Ill.

7510—Loaders (Sugar Cane)

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Castagnos Cane Loader Co., Inc., Donaldsonville, La.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

7511—Loaders (Wagon & Truck)

Acme Road Machy Co., Frankfort, N. Y.
Atlas Engng. Co (Traction), 3009 Lisbon av, Milwaukee, Wis.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Austin Mfg. Co. ("New Era"), 910 S Michigan av, Chicago, Ill.
Barber-Green Co., Aurora, Ill.
Bonney Supply Co., Livingston bldg, Rochester, N. Y.
Byers Machine Co, The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
GIFFORD WOOD CO., Hudson, N. Y.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
Heltzel Steel Form & Iron Co., Warren, O.
Hudson Machinery Co., Passaic, N. J.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Joy Machine Co., 589 Union Arcade bldg, Pittsburgh, Pa.
Lee Trailer & Body Co., 2343 So La Salle, Chicago, Ill.
LINK-BELT COMPANY (Portable for Coal, Gravel, Broken Stone, etc., 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nelson N. P. Iron Wks., 212 40th, B'klyn, N. Y.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Portable Mchy. Co., Inc., Passaic, N. J.
Ransome Concrete Machinery Co., Dunellen, N. J.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Specialty Engineering Co., Trenton & Alleghany, Philadelphia, Pa.
Sunbury Mfg. Co., Dept. H, Sunbury, Ohio
Western Wheeled Scraper Co., Aurora, Ill.

7512—Loaders & Unloaders (Car)

BYERS MACHINE CO., THE, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Goodman Manfg. Co. (Mine Car Loaders), Halsted & 48th pl, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Portable Machy. Co., Inc., Passaic, N. J.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Stewart James & Co. Inc. (Automatic), 1210 Fisher bldg, Chicago, Ill.
Sunbury Mfg. Co., Dept. H, Sunbury, Ohio
Universal Road Machy. Co., Kingston, N. Y.

7513— Locators (Pipe)

Modern Iron Works ("D. B. M." Wireless), Quincy, Ill.

7514— *Lock-Nuts (Brass)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Lock-Nuts (Conduit, Etc.)

See Bushings, Outlet & Locknut

7515—Lock-Nuts & Washers

American Lock Nut Co. ("Absolute" Lock Nuts), Peoples Gas bldg, Chicago, Ill.
Am. Nut & Bolt Fastener Co. ("Absolute" Lock Nuts), 3 Ontario, Pittsburgh, Pa.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Appleton Electric Co. ("Appleton," Lock-Nuts for Conduits, etc), Wellington & Paulina, Chicago, Ill.
Arghis E. J. & Co. ("Evans" Safety Lock Nuts), 74 Wall, New York
Barber & Co. (Lock-Nuts), 2328 S Western av, Chicago, Ill.
BOSS NUT CO., 1734 N Kolmar av, Chicago, Ill. *See adv index at end of book*
Bourne & Knowles Mfg. Co., Cleveland, O.
Chicago Ferrule & Nut Co. (Lock-Nuts), 880 Lile av, Chicago, Ill.
Columbia Nut & Bolt Co. ("Columbia," for Railroads, Machinery, Automobiles, etc), Bridgeport, Conn.
Dieter Nut Co. ("D. S." Safety Lock-Nut), 374 Madison av, New York
Drake Lock-Nut Co. ("Drake," "Never Jar Loose"), Dept. H, 10th & Folsom, San Francisco, Cal.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Flannery Bolt Co. ("F. B. C." & "Realock" Lock Nuts), Vanadium bldg, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grabler Mfg. Co. (Malleable Iron & Steel, for Plumbing & Electric Work), Cleveland, O.
Grip Nut Co. (One-Piece Steel Lock-Nut), McCormick bldg, Chicago, Ill.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Haydenville Co., Haydenville, Mass.
Hobbs Mfg. Co. (Lock Washers), Worcester, Mass.
Iron City Tool Wks., 3201 Smallman, Pittsburgh, Pa.
Jones Positive Nut Lock Co., 2812 S Wabash av, Chicago, Ill.
Larkin J. K. & Co. (Pipe Lock Nuts), 253 Broadway, New York *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co." Lock-Nuts), Branford, Conn.
Mansfield Lock Washer Co., Mansfield, O.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Steel Products Co. ("Allen" Nut Lock), Marquette bldg, Cleveland, O.
National Umbrella Frame Co. ("Neverslip"), 30th & Thompson, Phila., Pa.
Neely Nut & Bolt Co. (Spring Nut & Bolt Locks), 26 S 22nd, Pittsburgh, Pa.
Newbury J. H., Goshen, N. Y.
O. K. Nut Lock Co., Turks Head bldg, Providence, R. I.
Patterson Locknut Mfg. Co., 14 E Jackson bldg, Chicago, Ill.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Philadelphia Electrical & Mfg. Co. ("Pemco," Malleable Iron Washers with Nut-Locking Feature Added), 1236 N 31st, Phila., Pa.
Positive Lock Washer Co. of America (Inc.), Av A, Newark, N. J.
QUADRIGA MFG. & SPECIALTY CO., (Lock Washers), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Rail Joint Co., 61 B'way, New York
Reliance Mfg. Co. (Lock Washers), Massillon, O.
Roller Lock Nut Co., Inc., 61 B'way, New York
St. Louis Malleable Casting Co. (Malleable Iron), 7700 N Broadway, St. Louis, Mo.
Schum Bros., Metropolitan Tower, New York
Scott John M. & Sons, Racine, Wis.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Steel City Electric Co. ("Fullman" Lock-Nut for Rigid Conduit), 1207 Columbus av, Pittsburgh, Pa.
Steel Specialties Co. ("Hold Tite" Nut Lock), Dept. H, Wakefield, Mass.
The Bull Dog Lock Washer Co., 269 S 7th, Baltimore, Md.
Torsion Nut Lock & Washer Co., Inc. ("Torsion"), 11 Central, Boston, Mass. *See adv index at end of book*
United Nut Lock Co. ("Hugtite" Nut Lock), Springfield, Mass.
Verona Tool Works (Verona Lock Nuts), Oakmont, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

7516-7—Lock-Stub Check System

Lock-Stub Check Co., 253 36th, Brooklyn, N. Y.

7518— Lockers (Metallic)

Allsteelequip Co., Aurora, Ill.
Baker-Vawter Co., Benton Harbor, Mich.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3rd & Allegheny, Phila., Pa.
Canton Art Metal Co., Canton, O.
Cleveland Wire Spring Co., 1281 E 28th, Cleveland, O.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Dexter Metal Mfg. Co., ("Merritt" Sheet Steel for Dept Store, etc), 93 Arch, Camden, N. J.
Durand-Steel Locker Co. ("Durand" Steel), 1435 Ft. Dearborn Bank bldg, Chicago, Ill.
Federal Steel Fixture Co. ("Federal" Steel), 8700 S Halsted, Chicago, Ill.
Gem Stamped Steel Co., Chelsea, Mass.
HART & HUTCHINSON CO. ("H. & H." Steel), Corbin av, New Britain, Conn.
Hauserman, E. F. Co., Cleveland, O.
Hess Warming & Ventilating Co. ("Hess" Steel), 1211 S Western av, Chicago, Ill.
Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
Kabureck Geo., 1123 B'way, New York
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Lasar Ornamental Iron Co., (Wire), 16th & O'Fallon, St. Louis, Mo.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co. ("Mecco"), Framingham, Mass.
Medart Fred Mfg. Co., St. Louis, Mo. *See adv index at end of book*
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio *See adv index at end of book*
Narragansett Machine Co. ("Standard"), Providence, R. I.
PENN METAL CO. ("Penco"), 65 Franklin, Boston, Mass.
Shults H. H. Co., Gowanda, N. Y.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*
Standard Sheet Metal Mfg. Co., Washington, Pa.
Steel Fixture Mfg. Co., Topeka, Kan.
Terrell's Equipment Co. ("Terrell's"), Grand Rapids, Mich.
Van Dorn Iron Works Co. (Steel Wire, "Van Dorn"), 2700 E 79th, Cleveland, O.
Willcox Engineering Co., 1525 Holland, Saginaw, Mich.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

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7519—*Lockers (Sheet Steel)

Medart Fred Mfg. Co., St. Louis, Mo. *See adv index at end of book*
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio *See adv index at end of book*

7520— Lockers (Steel)

Art Metal Construction Co. (Key, Transom, Stationary, Instrument, Confidential & Information), Jamestown, New York
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.

Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Fort Pitt Steel & Iron Wks, 8024H Fulton bldg, Pittsburgh, Pa.
Hart & Hutchinson Co. ("H. & H."), Corbin av, New Britain, Conn.
Hauserman E. F. Co., Fenestra bldg, Cleveland, O.
Jefferis Richard W. Co. ("Jefferis" Pressed), Camden, N. J.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Makutchan Roller Bearing Co. (Clothes), 35 W Lake, Chicago, Ill.
Medart Fred Mfg. Co., St. Louis, Mo.
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Ohio Sheet Metal Co., Canton, O.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Pratt Wm. E. Mfg. Co. (Clothes), 35 W Lake, Chicago, Ill.
Steelite Co., 1902 W 77th, Cleveland, O.
Wilson J. G. Corp., 8 W 40th, New York
See adv index at end of book

7521— Locks (Air)

American Bridge Co. (Caissons), 30 Church, New York
Coatesville Boiler Works, Coatesville, Pa.
East Jersey Pipe Co., Paterson, N. J.
Union Iron Works, Hoboken, N. J.

7522— Locks (Air Brake)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

7523— Locks (Automobile)

Able Mfg. Co. Inc., 731 Tolsom, San Francisco, Cal.
Blackburn Specialty Co., 3409 Perkins av, Cleveland, O.
Bradsto Appliances Inc. ("Hager"), 65 Main, Buffalo, N. Y.
Connecticut Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
E. V. B. Mfg. Co., New Haven, Conn.
Fox A. H. Gun Co. ("Fox" Steering Wheel),), 4700 N 18th, Phila., Pa.
Fraim E. T. Lock Co. ("Fraim," "Auto"), Lancaster, Pa.
Johnstone Auto Lock Co., Cleveland, O.
King Lock Co., 319 W Ohio, Chicago, Ill.
Nulock Mfg. Corp., 323 W 11th, New York
Princess Wash Machine Co., 433 E Pearl, Cincinnati, O.
Prismolite Co. (Ford Rear Compart Lid), 74 E Gray, Columbus, O.
Reliance Co., 415 S Sangamon, Chicago, Ill.
SARGENT & GREENLEAF, INC., Rochester, N. Y. *See adv index at end of book*
Smith Joseph N & Co. (Door), 2461 Grand blvd., Detroit, Mich.
Security Auto Lock Co. (Gasoline Lock), 452 5th av, New York
Shanklin Mfg. Co., Springfield, Ill.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Co. ("Yale"), Dept. H, Stamford, Conn.

7524—Locks (Automobile Chain)

Sargent & Greenleaf, Inc., Rochester, New York *See adv index at end of book*
Stimpson Edw. B. Co. ("Lynch"), 68 Franklin av, Brooklyn, N. Y.

7525—Locks (Automobile Tire)

Able Mfg. Co. Inc., 731H Folsom, San Francisco, Cal.
Allen Auto Spec. Co., 16 W 61st, New York
Allith-Prouty Co. ("Allith" Self-Locking), Danville, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Princess Wash Machine Co., 433 E Parl, Cincinnati, O.
Sargent & Greenleaf, Inc., Rochester, New York *See adv index at end of book*
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7526—Locks (Automobile Tool Chest)

Dent Hardware Co., Fullerton, Pa.
Johnson & Walters Mfg. Co., 101 Baltimore av, Detroit, Mich.
SARGENT & GREENLEAF, INC., Rochester, N. Y. *See adv index at end of book*

Locks (Bank)

See Locks, Cabinet

Locks (Barn Door)

See Locks & Latches, Sliding Door

7527— Locks (Beer Case)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
20th Century Machinery Co., 425 E Water, Milwaukee, Wis.
Sargent & Greenleaf, Inc., Rochester, New York *See adv index at end of book*

7528— Locks (Bicycle)

Corbin Cabinet Lock Co., New Britain, Conn.
Fraim E. T. Lock Co. ("Cycle"), Lancaster, Pa.
Sargent & Greenleaf, Inc., Rochester, New York *See adv index at end of book*
Slaymaker Lock Co., Lancaster, Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7529— Locks (Billiard Cue)

Dent Hardware Co., Fullerton, Pa.
Eagle Lock Co., Terryville, Conn.

7530— Locks (Book)

Eagle Lock Co., Terryville, Conn.

7531— Locks (Box)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
Eagle Lock Co., Terryville, Conn.
Ludwig A. & Co., 75 Spring, New York
Williams F. B. Co., 507 E 39th, Chicago, Ill.
Yale & Towne Co. ("Yale" Metal Box), Dept. H, Stamford, Conn.

7532—Locks (Breastplate, For Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.

7533— Locks (Broom)

Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.
Walrath Alphonso Co. (Lithographed etc), Fort Plain, N. Y.

7534— Locks (Buckle)

Eagle Lock Co., Terryville, Conn.

7535— Locks (Cabinet)

Bolles Wm. B., Post Office Box 600 M, Milwaukee, Wis. *See adv index at end of book*
Chantrell Hardware & Tool Co. (also Cylinder Door), Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Deitz Alonzo E. (Cast & Wrought Brass, also Self-Locking), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Excelsior Hardware Co., Stamford, Conn.
Fraim E. T. Lock Co., Lancaster, Pa.
Huber Mfg. Co., 417 E 93d, New York
Kilinan S. Hardware Mfg. Co., Trenton, N. J.
King Lock Co., 319 W Ohio, Chicago, Ill.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Miller Lock Co., 4523 Tacony, Detroit, Mich.
Mosler Lock Co., Covington, Ky.
National Lock Co., Rockford, Ill.
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf, Inc., Rochester, New York *See adv index at end of book*
Slaymaker Lock Co., Lancaster Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.
Yale & Towne Mfg. Co. ("Yale"), also Time, Deal & Safe Locks, Stamford, Conn.

7536—Locks (Car & Switch)

See also Locks, Pad

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Bohannan, Wilson, 760 Lex. av, Brooklyn, N. Y.
Climax Co. (Switch), 275 Passaic, Newark, N. J.
Dayton Mfg. Co. (Door, Sash, Switch, etc), Dayton, O.
Detroit Ship Building Co. (Brass Dept.), ft. Orleans, Detroit, Mich.
Edwards O. M. Co. (Railroad Switch), Syracuse, N. Y.
Fraim E. T. Lock Co. ("Fraim"), Lancaster, Pa.
Loeffelholz Co., Milwaukee, Wis.
Miller Lock Co., 4519 Tacony, Phila., Pa.
National Malleable Castings Co. (Car Coupler), 7706 Platt, S E, Cleveland, Ohio
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Romer & Co. (Inc.), 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co. (Car Door Only), New Britain, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sargent & Co., New Haven, Conn.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.
Zelnicker Walter A. Supply Co. ("Zelnicker" Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*

Locks (Chest)

See Locks, Cabinet

7537— Locks (Cigar Box)

Eagle Lock Co., Terryville, Conn.

Locks (Clothes Locker)

See Locks, Locker

Locks (Cupboard)

See Locks, Cabinet

Locks (Cylinder)

See Locks, Cabinet

Locks (Desk)

See Locks, Cabinet

7538— Locks (Dog Collar)

Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Corbin Cabinet Lock Co. (Padlock, etc), New Britain, Conn.
Fraim E. T. Lock Co., Lancaster, Pa.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Union Hardware Co., Torrington, Conn.

Locks (Drawer)

See Locks, Cabinet

7539—Locks (Elevator Door)

See also Elevator Safety Locks

Chisholm-Moore Mfg. Co. ("Moore's" Reversible Square), 5046 Lakeside, Cleveland, O.
Sargent & Greenleaf, Rochester, N. Y.
See adv index at end of book

7540—Locks (Emergency Exit Door)

Bolles Wm. B., P. O. Box 600 M, Milwaukee, Wis. *See adv index at end of book*
Clark H. Elmer & Bros. ("Clark's"), Brighton, Rochester, N. Y.
Smith Frank F. Hardware Co. ("Smith's Improved"), 81H Clay, Newark, N. J.
Vonnegut Hardware Co. ("Von Duprin"), 120 E Washington, Indianapolis, Ind.

7541-2— Locks (Hasp)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Slaymaker Lock Co., Lancaster, Pa.

Locks (Jail)

See Locks & Locking Devices, Prison Cell

Locks (Jewel Case)

See Locks, Cabinet

7543-4— Locks (Keyless)

American Keyless Lock Co. ("No-Key" Padlock), 619 W Jackson, Chicago, Ill.
Keyless Lock Co., Indianapolis, Ind.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.

7545— Locks (Lamp)

(For Locking Incandescent Lamps in Socket)

GENERAL ELECTRIC CO. (Locking Socket), Schenectady, N. Y.
See adv index at end of book
McGILL MFG. CO. ("Toxon"), 77 Oak, Valparaiso, Ind.
See adv index at end of book

7546—Locks (Lavatory or Toilet)

Venn-Severin Machine Co. ("Coin-Key" Coin Operated), 1317 W North, Chicago, Ill.

7547— Locks (Locker)

Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Excelsior Hardware Co., Stamford, Conn.
Fraim E. T. Lock Co., Lancaster, Pa.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Miller J. B. Keyless Lock Co., Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.
Sargent & Greenleaf, Inc., Rochester, N. Y.
See adv index at end of book
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7547a— Locks (Mortise)

Bohannan Wilson, 760 Lexington av, Brooklyn, N. Y.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
National Lock Co., Rockford, Ill.

LOCKS (MORTISE)—continued
Sargent & Greenleaf Co. Inc., Rochester, N. Y. *See adv index at end of book*
Slaymaker Lock Mfg. Co., Lancaster, Pa.

7548— Locks (Net)

Speare's Alden Sons Co. ("Yates" for Laundries), Cambridge, Mass.

Locks (Night Latches)

See Latches, Night

Locks (Oar)

See Row-Locks

7549-50— Locks (Padlock)

American Keyless Lock Co. ("No-Key" Keyless), 619 W Jackson, Chicago, Ill.
Ames Sword Co. ("Perfection"), Chicopee, Mass.
Bohannan Wilson, 760 Lexington av, Brooklyn, N. Y.
Chapman W. H. Co., Middletown, Conn.
Climax Co., 275 Passaic, Newark, N. J.
Corbin Cabinet Lock Co. (Wrought & Cast), New Britain, Conn.
Dayton Mfg. Co., Dayton, Ohio
Deitz Alonzo E. (Bronze Metal), 73 Clymer, Brooklyn, N. Y.
Detroit Shipbuilding Co. (Brass Dept.), ft. Orleans, Detroit, Mich.
Eagle Lock Co., Terryville, Conn.
Edwards O. M. Co. (Brass & Steel), Syracuse, N. Y.
Excelsior Lock & Hardware Co., Lancaster, Pa
Excelsior Plating Co. ("Secure"), Lancaster, Pa.
FRAIM E. T. LOCK CO. ("Fraim"), Lancaster, Pa.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Junkunc Bros., 1145 W Garfield, Chicago, Ill
King Lock Co., 319 W Ohio, Chicago, Ill.
Miller J. B. Keyless Lock Co., Kent, O.
Miller J. Walter Co., Lancaster, Pa.
Pawles Jas. D. Co., 74 Pearl, Boston, Mass.
Penn Lock Works, 126 N 4th, Phila., Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co. ("Elm City," "Record," "Argos," "Big Bill," "Six Lever," "Pequot," "Bull Dog," "R. F. D."), New Haven, Conn.
Sargent & Greenleaf, Inc., Rochester, N. Y. *See adv index at end of book*
Shanklin Mfg. Co. (Combination), Springfield, Ill.
Slaymaker Lock Co. ("Arco," "Ark," "Box," "Blue Seal," "Conoy," "Caput," "Curfew," "Eclipse," "Emu," "Flag," "Greek," "Interlocking," "Motor," "Ne Plus Ultra," "Napoleon." "Old Oak," "Oak," "Penn," "Panama," "Rex," "Rover," "Rustless," "Secure Levers," "Six Levers," "Special," "Spring Tumbler," "S. R. S.," "Standard," "Tiny," "U. S.," "X. M. P. L. R.," "X. L. N. T.," "X. Y. Z.," "X. L.," "York," "Slaymaker," "Climax," "R. F. D.," "I. X. L.," "Steel State," "Mail," "Imperial," "Sprocket," "Crank," "Bell," "Air King," "Pioneer," "Guard," "Raven"), Lancaster, Pa.
Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.
Star Lock Works, 110 S 8th, Phila., Pa.
Union Hardware Co. ("Scandinavian"), Torrington, Conn.
United Lock & Hardware Co. ("Army," "Giant," "Globe," "Hart," "Hex," "Jupiter," "King," "Mars," "Monarch," "Saturn," "Samson," "Star," "Winall," "Sun," Moon"), Columbia, Pa.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7551—Locks (Piano & Sewing Machine)

Eagle Lock Co., Terryville, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

Locks (Pin Tumbler)

See Locks, Cabinet

7552— Locks (Pole)

Cutter Geo. Co., South Bend, Ind.
Line Material Co., So. Milwaukee, Wis.

7553—Locks (Post Office Box)

Eagle Lock Co., Terryville, Conn.
Federal Equipment Co., Carlisle, Pa.
Sargent & Greenleaf, Inc., Rochester, N. Y. *See adv index at end of book*

7554—Locks (Railway Signaling)

Fraim E. T. Lock Co. ("Fraim" Signal Service), Lancaster, Pa.
General Railway Signal Co. (Time, Outlying Switch), Rochester, N. Y.

7555— Locks (Refrigerator)

Brainerd Mfg. Co., East Rochester, N. Y.
DENT HARDWARE CO., Fullerton, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Greene, Tweed & Co., 109 Duane, New York
Nat'l Refrigerators Co., 827 Koeln av, St. Louis, Mo.
Safe Padlock & Hardware Co., Lancaster, Pa.
Tiebout W. & J., 118 Chambers, New York

7556— Locks (Safe Deposit)

Bates L. L. & Co. (Safe), 150 Portland, Boston, Mass.
Deitz Alonzo E. (Vault, Safety Deposit & Inside Safe), 73 Clymer, Brooklyn, N. Y.
Diebold Safe & Lock Co., Canton, Ohio
Eagle Lock Co., Terryville, Conn.
HALL'S SAFE CO., P. O. Box 846, Cincinnati, O. *See adv index at end of book*
Laughlin Thos. Co. (Brass & Bronze Ship), Portland, Maine.
SARGENT & GREENLEAF INC., Rochester, N. Y. *See adv index at end of book*
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7557— Locks (Sash)

Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
B. L. P. Sales Co. ("Burg-La-Proof"), Automatic, Charlestown, Mass.
Bradley & Farnham, Middlefield, Conn.
Brohard Co. (Stamped Steel), 3d & Lehigh, Phila., Pa.
Caldwell Mfg. Co., ("Empire") Rochester, N. Y.
Champion Hardware Co. ("Champion," "Side," "Monitor," "Never Break," & "Wrought"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co. (Railway Car), 96 John, New York
Dayton Mfg. Co. ("Ardee," Sash Lock & Anti-Rattler, for Car Windows, etc), Dayton, O.
Eagle Lock Co. (Sliding, Sash, etc), Terryville, Conn.
Edwards O. M. Co., Inc. (For Car Windows), Syracuse, N. Y.
Ellis Mfg. Co. ("Sampson"), Milldale, Conn.
Enterprise Hardware Mfg. Co., Frederick, Md.
Fitch W. & E. T. Co. ("Star"), New Haven, Conn.
Gardner Sash Pulley Co. (Steel), 15 N Jefferson, Chicago, Ill.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Howard Jas. L. & Co. (For R. R. Cars), Hartford, Conn.
Ives H. B. Co., New Haven, Conn.
Lawrence Bros., Sterling, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
McCord Mfg. Co. ("Universal" for Car Windows), 2587 E Grand blvd, Detroit, Mich.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Mfg. Co. (All Steel or Solid Brass), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Schroeder Bros., 902 Payne av, St. Paul, Minn.
Sharon Hardware Mfg. Co. ("Sharon" All Steel), Sharon, Pa.
Shelby Spring Hinge Co. ("Shelby" Steel & Brass or Bronze, Polished), Shelby, Ohio
Smith Frank F. Hardware Co. ("Smith's Improved"), 81H Clay, Newark, N. J.
Standard Mfg. Co., Shelby, O.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Technology Sales Co., Inc., 27 Thames, New York

7558—Locks (Sash, Fireproof)

Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.

7559—Locks (Sash, Ventilating)

Bradley & Farnham ("Ellis"), Middlefield, Conn.
Brohard Co. ("Brohard"), 3rd & Lehigh, Phila., Pa.
Burgess & Norton Mfg. Co. ("Bur-Nor," "Security"), Geneva, Ill.
Climax Lock & Ventilator Co. ("Climax" & "Simplex" Automatic Ventilating), 656 Michigan av, Buffalo, N. Y.
Harlev Burglar Proof Ventilating Sash Lock Mfg. Co., 3341 Ogden av, Chicago, Ill.
Ives H. B. Co., New Haven, Conn.
National Mfg. Co. (Ventilating Window Lock), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Racine Metal Stamping Co. ("Racine," Automatic Lock), Racine, Wis.
Wolverine Supply & Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

Locks (Sliding Door)

See Locks & Latches, Sliding Door

7560— Locks (Slot Machine)

Excelsior Hardware Co., Stamford, Conn.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Sargent & Greenleaf, Inc., Rochester, N. Y. *See adv index at end of book*

7561— Locks (Stall Door)

Sargent & Greenleaf, Inc., Rochester, N. Y. *See adv index at end of book*
Western Brass Mfg. Works, Marshall blvd, & W 21 st, Chicago, Ill.

Locks (Store Door)

See Locks & Knobs, Door, House, etc.

7562-3— Locks (Time)

Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.

SARGENT & GREENLEAF, INC., Rochester, New York

Established 1865

MANUFACTURERS OF

Time Locks, Combination Locks, Safe Deposit Locks, Special Locks for Wire and Iron Work, Mortise Door and Window Bolts, Padlocks, Automobile Tire Locks, Cabinet Locks, Etc.

BRANCH OFFICES

166 West Lake St., Chicago, Ill. 70—5th Ave., New York City

Cable Address: "Locks" Rochester—A. B. C. Code 5th Edition

Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.
Consolidated Time Lock Co., 2268 Spring Grove, Cincinnati, O.
See adv index at end of book
Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., P. O. Box 846, Cincinnati, O. *See adv index at end of book*
Mosler Safe Co., Hamilton, O.
Phelps Guardant Time Lock Co. (For Time Service), 114 Liberty, New York
SARGENT & GREENLEAF, INC., Rochester, N. Y. *See adv index at end of book.*
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7564—Locks (Trunk & Suit Case)

American Brass Novelty Co., Grand Haven, Mich.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Excelsior Hardware Co., Stamford, Conn.
Riley, Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Star Lock Works, 110 S 8th, Phila., Pa.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

Locks (Ventilating, Window)

See Locks, Sash, Ventilating

Locks (Wardrobe)

See Locks, Cabinet

7565—Locks & Catches (Casket)

Eagle Lock Co., Terryville, Conn.

7566—Locks & Knobs (Door, House, Etc.)

See also Hardware Manufacturers

Barrows Lock Co., Lockport, Ill.
Bohannan, Wilson, 760 Lex. av, Brooklyn, N. Y.
Bolles Wm. B., P. O. Box 600 M, Milwaukee, Wis.
See adv index at end of book

"Bolles Hardware Approved"



(Entrance-Door-Lock). (Exit-Door-Fastening)
Patents applied for

ENTRANCE-DOOR-LOCKS standardized with splendid, legal, (PUSH-PULL) grip-bar of brass, E-Z Latch with hold-back feature and anti-picking attachment, also operated by key and cylinder, sanded-antique-brass finish, a brass grip, screws, door check and two strong buttsat $50.00.

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Equipment possesses the elegance of simplicity, solid quality and workmanlike finish which are so essential in developing unusual beauty and dignity.

Post Office Box 600M WILLIAM B. BOLLES
Milwaukee, Wis.

Brass Goods Mfg. Co. (Refrigerators), 345 Eldert, Brooklyn, N. Y.
Champion Hardware Co., (Locks only), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Clark, H. Elmer & Bros. ("Clark's" Emergency Exit Door Lock), (Brighton), Rochester, N. Y.
Climax Co., 275 Passaic, Newark, N. J.
Columbia Machine Works & Malleable Iron Co. (Door Handles), Atlantic av & Chestnut, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Deitz Alonzo E. (Drawer, Store Door, Padlock, etc.), 73 Clymer, Brooklyn, N. Y.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Hall Wm. Co. (Glass Door Knobs), Quincy, Mass.
Howard Jas. L. & Co. (Car Door), Hartford, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Keil Francis & Son, 401 E 163d, New York
Laughlin Thos. Co. (Ship, Brass and Bronze), Portland, Me.
See adv index at end of book
Lockwood Mfg. Co., S. Norwalk, Conn.
New England Lock & Hinge Co., Winchendon, Mass.
Nock G. W. Co., 126 N 4th, Phila., Pa.
Norwalk Lock Co., South Norwalk, Conn.
Ochsner A. & Son (Automobile & Carriage), New Haven, Conn.
Peck, Stow & Wilcox Co., Southington, Conn. *See adv index at end of book*
Penn Hardware Co. (Cylinder Dead Knob), Reading, Pa.
Phoenix Lock Works, 3rd av, Newark, N. J.
Reading Hardware Co. ("Reading"), Reading, Pa. Conn.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Inc. (House Locks Only), Rochester, N. Y.
See adv index at end of book
Schroder J. B. & Co. (Also for Asylums, Hotels, etc), 133 E 5th, Cincinnati, O.
Segal Lock & Hardware Co., Inc., 155 Leonard, New York
Shelby Spring Hinge Co., Shelby, O.
Skillman Hdwe Mfg. Co., Trenton, N. J.
Star Lock Works, 110 S 8th, Phila., Pa.
Taylor & Boggis Foundry Co., Cleveland, O.
Thomas T. & Co., 144 Mulberry, Newark, N. J.
Woodruff W. W. & Sons Co. (Carriage Door), Mount Carmel, Conn.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7567—Locks & Latches (Sliding Door)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co., 2nd & Somerset, Phila., Pa.
Chantrell Hardware & Tool Co. ("Chantrell"), Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Lane Bros. Co. (Latches Only), Poughkeepsie, N. Y.
National Mfg. Co. ("Washburne" Latches for Sliding or Swinging Doors), Sterling Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co ("Richards-Wilcox"), Aurora, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf, Inc., Rochester, N. Y.
See adv index at end of book
Schroder J. B. & Co., 133 E 5th, Cincinnati, Ohio
Skillman Hdwe Mfg. Co., Trenton, N. J.
Stearns E. C. & Co. (For Sliding Door), 450 Oneida, Syracuse, N. Y.
Stowell Co. The (For Elevator Doors, etc.). So. Milwaukee, Wis.
Taylor & Boggis Foundry Co., Cleveland, O.
Wagner Mfg. Co. ("Wagner," Latches), Cedar Falls, Ia.
Western Brass Mfg. Works (Iron Japanned & Brass), Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7568-9-70—Locks & Locking Devices (Prison Cell)

Climax Co., 275 Passaic, Newark, N. J.
Ham L. M. Co., 158 Portland, Boston, Mass.
Meaker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
SARGENT & GREENLEAF, INC., Rochester, N. Y. *See adv index at end*
Schroder J. B. & Co., 133 E 5th, Cincinnati, O.
Stewart Iron Works Co., Covington, Ky.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

7571—Locomotive Bell Ringers

Hammett H. G. ("Trojan" Air), Troy, N. Y.
Heginbottom S. H. & Sons (Automatic), Saginaw, Mich.
HOLMES ROBT. & BROS. (Air & Steam), Danville, Ill.
See adv index at end of book
Smedley Locomotive Bell Ringers Pump Co. (Automatic), Dubuque, Iowa
United States Metallic Packing Co. (The Gollmar), 221 N 13th, Phila., Pa.
Vissering Harry & Co., 14 E Jackson blvd, Chicago, Ill.
Western Railway Equipment Co. ("Western," Pneumatic), Central Nati. Bank bldg, St. Louis, Mo.

7572—Locomotive Coaling Stations

See also Coal & Ore Handling Machinery

American Bridge Co., 30 Church, New York
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Dempey Degener Co., 708 Penn av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Howlett Construction Co., Moline, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Ogle Construction Co., 332 S Michigan av, Chicago, Ill.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

7573—Locomotive Fire Boxes

7574—Locomotive Fire Kindler

Mac Leod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book
Railway Materials Co. ("The Ferguson", Portable), Railway Exch. bldg, Chicago, Ill.

7575—Locomotive Guide Liners

Iron City Tool Works (Lock-Nuts Only), 3201 Smallman, Pittsburgh, Pa.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

7576—Locomotive Jacket Iron & Steel

Am. Sheet & Tin Plate Co. (Steel), H. Frick bldg, Pittsburgh, Pa.
Falcon Steel Co., Niles, O.
Wood Alan Iron & Steel Co. (A. W." Cold Rolled Steel), Widener bldg., Philadelphia, Pa.
Wood J. & Bros. Co., Conshochocken, Pa.

7577— Locomotive Lagging

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Ehret Magnesia Mfg. Co. (Magnesia), Land Title bldg, Phila, Pa.
Franklin Mfg. Co. (Also Air Pump Cylinder Lagging), Franklin, Pa.
Johns-Manville Inc. ("Magnesia" "Asbestos," "Fire Felt"), Madison av & 41st, New York
Keasbey & Mattison Co. (Magnesia & Asbestos), Ambler, Pa.
Watson H. F. Co., Erie, Pa.

7578— Locomotive Netting

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O.
See adv index at end of book
Ludlow-Saylor Wire Co. (Steck), 913H Pine St., St. Louis, Mo.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7579—*Locomotive Oil Cups

See also Lubricators Oil & Grease Cup

Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7580— Locomotive Sanders

See also Boxes, Sand

American Safety Lamp & Mine Supply Co., ("Gapp" & "Ames") Scranton, Pa.
Hegeman-Castle Corp. ("Pitt" Pneumatic), Fisher bldg, Chicago, Ill.
Holden & White ("Pitt" Pneumatic), 343 S Dearborn, Chicago, Ill.
Nathan Mfg. Co. (Steam Apparatus), 416 E 106th, New York
Newark Air Sand Box Co. ("De France"), Newark, O.
Railway & Traction Supply Co. ("Wyoming" Vacuum), 79 W Monroe, Chicago, Ill.
Sault Mfg. Co. ("Worcester" Compressed Air for Electric Railways), Worcester, Mass.
United States Metallic Packing Co. ("Leach," "Shee," "Sherbourne"), 221 N 13th, Philadelphia, Pa.
White-American Locomotive Sander Co., Roanoke, Va.

7581— Locomotive Stokers

Burke Furnace Co., 320 E Water, Chicago, Ill.
Coal Stoker Corp. (Hand Operated), 1029H N Clark, Chicago, Ill.
Flynn & Emrich Co. (Hand), 305 N Halliday, Baltimore, Md.
Locomotive Stoker Co. ("Street"), 30 General Robinson, Pittsburgh, Pa.
Standard Stoker Co., Grand Central Terminal, New York
Vasil Steam System Co. ("Vasil" Hand Stoker), Wash. Loan & Trust bldg, Washington, D. C.

7582— Locomotive Tiles

American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co. (Solid & Sectional), Ashland, Ky.
See adv index at end of book
Buckeye Fireclay Co., Uhrichsville, O.
Chicago Fire Brick Co., 133W Washington, Chicago, Ill.
See adv index at end of book
Chicago Retort & Fire Brick Co., Ottawa, Ill.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Fire Clay Co.. Denver, Colo.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Fulton Fire Brick Co., Fulton, Mo.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Garfield Fire Clay Co., Robinson, Pa.
Harbison-Walker Refractories Co. (All Types of Locomotive Fire Brick). Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Laclede-Christy Clay Products Co. (Arch), Railway Ex. bldg, St. Louis, Mo.
Louisville Fire Brick Works, Louisville, Ky.
Maurer Henry & Son, 420 E 23d, New York
Missouri Fire Brick Co. (Arch), Security bldg, St. Louis, Mo.
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
Ostrander Fire Brick Co., Troy, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Portsmouth Refractories Co., Portsmouth, O.
Remmey Richard C. Son Co., Hedley & Del, Phila., Pa.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.
Stevens H. Sons Co., Macon, Ga.
Walsh Fire Clay Products Co., 4070 N Main, St. Louis, Mo.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.

Locomotive Valve Gear

See Gear, Locomotive Valve

7583— *Locomotives

(See also Scientific Headings following)
Burton Engng. & Machy. Co., ("Burton" Gasoline and Kerosene), Spring Grove and Alabama av, Cincinnati, O.
GLOVER MACHINE WORKS, Export Dept., 43 Cedar, New York

7584—Locomotives (Alcohol)

Milwaukee Locomotive Mfg. Co., Ft. Belleview pl, Milwaukee, Wis.

7585—Locomotives (Compressed Air)

Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.
Vulcan Iron Works, ("Vulcan") Wilkes-Barre, Pa.

Locomotives (Contractors')

See Locomotives, Industrial & Mine

Locomotives (Dirt Road)

See Engines, Traction, Various Kinds

7586—Locomotives (Electric)

American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co. (Direct & Alternating Current), Cleveland, O.
See adv index at end of book
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Electric Car & Locomotive Corp., 165 B'way, New York.
Electric Carrier Co., 165 B'way, New York
GENERAL ELECTRIC CO., Schenectady, New York *See adv index at end of book*
Goodman Mfg. Co., Halstead & 48 Pl, Chicago, Ill.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Ironton Engine Co., Ironton, O.
JEFFREY MFG. CO. (Industrial, Mine, etc), 961 N Fourth, Columbus, O.
See adv index at end of book
Lakewood Engineering Co. (Trolley or Battery), Cleveland, O.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Mead-Morrison Mfg. Co., Prescott & Orleans, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7587—Locomotives (Electric Industrial & Mine)

Atlas Car & Mfg. Co. (Electric), Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7588—Locomotives (Electric, Mine Haulage)

American Locomotive Co., 30 Church, New York
ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Cooke-Wilson Co., 220 Penn, Pittsburgh, Pa.
Davis C. K. Mfg. Co., Detroit, Mich.
Garrity Ralph E. Co., 607H Wabash bldg, Pittsburgh, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Duquesne Electric & Mfg. Co., Bessemer bldg., Pittsburgh, Pa.
See adv index at end of book
Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Morgan-Gardner Electric Co., 27th & Shields av., Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7589-90—Locomotives (Gasoline)

Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Burton Engng. & Machy. Co. ("Burton" Gasoline and Kerosene), Spring Grove and Alabama av, Cincinnati, O.
Cummings Machine Co., Dept. H, Minster, Ohio.
Easton Car and Construction Co., 198 Fulton, New York
See adv index at end of book
Fate-Root-Heath Co. ("Plymouth"), Plymouth, O.
HADFIELD - PENFIELD STEEL CO. (THE), Bucyrus, O.
See adv index at end of book

GASOLINE LOCOMOTIVES
Convenient—Cheap
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

Milwaukee Locomotive Mfg. Co., Ft. Belleview pl, Milwaukee, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (For Mines), Rochelle, Ill.

7591—Locomotives (Geared)

Bell Locomotive Works Co., 23 Water, New York
Climax Mfg. Co. ("Climax"), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Heisler Locomotive Works, Erie, Pa.
Lima Locomotive Corp. ("Shay" Geared), 106 3rd av, Lima, O.
Luther Frederick P. Co., 14 E Jackson blvd., Chicago, Ill.

7592—Locomotives (Industrial & Mine)

See also Locomotives, Electric Mine Haulage
American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co. (Electric), Cleveland, O.
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
BROWN & SITES CO., 30 Church, New York
Burton Engng. & Machy. Co. ("Burton" Gasoline and Kerosene), Spring Grove and Alabama av, Cincinnati, O.
Davenport Locomotive Works, Davenport, Ia.
Davis C. K. Mfg. Co. (Storage Battery), Detroit, Mich.
Dewey Bros., Goldsboro, N. C.
Easton Car and Construction Co., 198 Fulton, New York
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
GREEN L. A. (Dealer), First Nat'l Bank bldg, Pittsburgh, Pa.
Glover Machine Works, Marietta, Ga.
Hunt C. W. Co., West New Brighton, New York *See adv index at end of book*
JEFFREY MFG. CO., (Electric), 961 N. Fourth, Columbus, O.
See adv index at end of book
Lima Locomotive Corp. ("Shay"), 106 3d, Lima, O.
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill. *See adv index at end of book*
Milwaukee Locomotive Mfg. Co. (Gasoline Mine Haulage), Ft. Belleview pl, Milwaukee, Wis.
Porter H. K. Co. (Steam & Pneumatic, Union Bank bldg, Pittsburgh, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (Gasoline Mine), Rochelle, Ill.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.

7593—Locomotives (Logging)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Burton Engng. & Machy. Co. ("Burton" Gasoline and Kerosene), Spring Grove and Alabama av, Cincinnati, O.
Climax Mfg. Co. (Tramway), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Heisler Locomotive Works, Erie, Pa.
Lima Locomotive Corp. ("Shay" Geared & Direct Connected), 106 3rd, Lima, Ohio
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

7594—Locomotives (Oil Burning)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Burton Engng. & Machy. Co. ("Burton" Gasoline and Kerosene), Spring Grove and Alabama av, Cincinnati, O.
New York
Davenport Locomotive Works, Davenport, Ia.
Lima Locomotive Corp., 106 3d, Lima, O.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.

Locomotives (Pneumatic)

See Locomotives, Compressed Air

7595—Locomotives (Rebuilt)

Baldwin Locomotive Works (Repaired for Owners Only), Broad & Spring Garden, Phila. Pa.
Birmingham Rail & Locomotive Co., Birmingham, Ala.
Dilley Geo. E. & Son, Palestine, Texas
Dunkle Arthur J. Co., 50 Church, New York
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
HOISTING MACHINERY CO., 50 Church, New York
KLEINHAUS H. CO. (Steam), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Meyer Henry H. Co., 110 S Howard, Baltimore, Md. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Raleigh Iron Works Co., Raleigh, N. C.
Rothfuss-Howard Iron Works, Williamsport, Pa.
SOUTHERN IRON & EQUIPMENT CO., Atlanta, Ga.
Union Iron Works Co., Selma, Ala.
Warner P. B., Culloms Station, Sedamsville, Cincinnati, O.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Locomotives (Second Hand)

See Railroad Equipments, Second-Hand

7596—Locomotives (Steam Railroad)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York
Easton Car & Construction Co. (Narrow Gauge), 198 Fulton, New York
See adv index at end of book
Frank, M. K., H. Frick bldg, Pittsburgh, Pa.
Lima Locomotive Corp., 106 3rd, Lima, O.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

7597—Locomotives (Storage Battery)

ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book
Baldwin Locomotive Works, Broad & Spring Garden, Phila., Pa.
Bell Locomotive Works Co., 23 Water, New York



This is type "A" Storage Battery Locomotive. Simple rugged economical accessible it embodies numerous distinctive advantages. Used extensively in Industrial plants.

ATLAS
Industrial Haulage Equipment

The numerous practical advantages of Atlas Equipment are the result of a thorough understanding of the requirements to be met and the service to be encountered. Atlas equipment is all that good haulage equipment should be.



This Rocker Side Dump Car is a typical Atlas Car It is ruggedly built thruout has low sides to permit easy loading. Like all Atlas equipment this car is built to stand severe strain

THE ATLAS CAR AND MANUFACTURING COMPANY
ENGINEERS CLEVELAND, OHIO MANUFACTURERS

Davis C. K. Mfg. Co., Detroit, Mich.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Industrial Truck Co., Holyoke, Mass.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
Mancha Storage Battery Locomotive Co., 1909H S Kingshighway, St. Louis, Mo.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York

7598—Locomotives & Railways (Miniature)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Ives Mfg. Corp. (Toy), Bridgeport, Conn.
McGarigle Machine Co., Niagara Falls, N. Y.
Mangels Wm. F. Co. (Third Rail), 2863 West 8th Brooklyn, N. Y.
Morris E. Joy, 902 Walnut, Philadelphia, Pa.
Osborn J. K. Mfg. Co., Harrison, N. J.
Thompson L. A., Scenic Railway Co., 220 W 42d, New York
Voltamp Electric Mfg. Co. (Electric), 407 N Paca, Baltimore, Md.

7599— Log Hauls

Allis-Chalmers Mfg. Co. (Steam), Milwaukee, Wis.
American Sawmill Machinery Co. ("American" Friction), Hackettstown, N. J.
Bay City Iron Co., Bay City, Mich.
Chain Belt Co., Milwaukee, Wis.
Challoner Co., Oshkosh, Wis.
Diamond Iron Works ("Diamond" Steam & Car Hauls), 2nd & 18th av N, Minneapolis, Minn.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mecklenburg Iron Works, Charlotte, N. C.
Memphis Machine Works, Memphis, Tenn.
Parker Surry (Steam), Pinetown, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Puget Sound Iron & Steel Works, Tacoma, Wash.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Union Iron Works, Bangor, Me.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

7600—Log Hooks Or Timber Carriers

American Logging Tool Co., Evart, Mich.
Champion Tool & Handle Co., Evart, Mich.
Columbus Handle & Hool Co., Columbus, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Ransome Concrete Machinery Co., Dunellen, N. J.
Warren Axe & Tool Co., Warren, Pa.

7601— Log Jackers

Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Phoenix Mfg. Co., Eau Claire, Wis.

7602— Log Turners

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
Challoner Co. ("Simonson"), Oshkosh, Wis.
Edwards Mfg. Co. ("Duplex"), Laceyville, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Memphis Machine Works, Memphis, Tenn.
Moltz Jacob J., Williamsport, Pa.
Phoenix Mfg. Co. ("Hills"), Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Trumbull Mfg. Co., Warren, O.
Wheland Co., Chattanooga, Tenn.

7602a— Logometers

McNab Co. ("McNab" for Propelling Turbine Units, for Single or Twin Screw), Bridgeport, Conn.

7603— Loggers' Supplies

Barde M. & Sons, Portland, Ore.
Broderick & Bascom Loggers' Supply Co., 623 Western av, Seattle, Wash.
Pacific Car & Fdry Co., Seattle, Wash.

Logging by Steam

See Cableways, Wire Rope; also Log Hauls; also Engines, Logging

7603a— Logs (Engine)

Cummings Ship Instrument Works ("Cummings") 110 High, Boston, Mass.

7604— Logs (Gas)

Backus Heater & Fdry. Co., Inc. ("Backus"), 63 Canal, Boston, Mass.
Cassel Jacob C., 2347 N 7th, Philadelphia, Pa.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Hansen Otto E., Perth Amboy, N. J.
JACKSON EDWIN A. & BRO., INC., 56 Beekman, New York
See adv index at end of book
Mead Gas Heater Co., Delawanna, N. J.
Penn Burner & Plating Co. (Inc.), 214 W Ohio, N. S., Pittsburgh, Pa.
Stover Mfg. & Engine Co., Freeport, Ill.
Strait & Richards (Inc.), Irvington, N. J.
Superior Mfg. Co., Magnolia, Pittsburgh, Pa.
Wadsworth-Adelson Browning Co., 2250 Euclid av, Cleveland, O.
Van Zandt Gas Appliance Co., 4050 Olive, St. Louis, Mo.

7605— Logs (Liquor)

Bryson City Pump Works Co., (Pitch Pine,) Bryson City, N. C.

7606— Logs (Ship)

Bliss John & Co., 128 Front, New York
Cummings Ship Instrument Works, ("Cummings" Engine), 110 High, Boston, Mass.
Durkee Chas. D. & Co. (Taffrail), 2 South, New York
Hand John & Sons Co. (Taffrail), 208 Chestnut, Phila., Pa.
Merrill's R. Sons, 66 South, New York
Nautical Instruments Mfg. Co., Inc., 477 West, New York
Negus T. S. & J. D., 140 Water, New York
Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, O.
Schuette Recording Compass Co., Manitowoc, Wis.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

7607—Loops (Brass, For Top Straps)

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

7608— Loops (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

7609— Loops (Hame)

Frazer & Jones Co. (Inside), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand" Bottom), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

7610— Loops (Hold-Back)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

7611— Loops (Leather)

Monarch Carriage Goods Co. (Buckle), Cincinnati, Ohio

7611a— Loops (Wire)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*
Titchener-Diehl Co., (Tape Line), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book

7612— Loose Leaf Devices

American Loose Leaf Mfg. Co., 131 N Green, Chicago, Ill.
Armstrong H. J. & Co., 538 S Clark, Chicago, Ill.
Baker-Vawter Co. (Ledgers), Benton Harbor, Mich.
Barnard Geo. D & Co., Laclede & Vandeventer, St. Louis, Mo.
Barrett Bindery Co. (Screws & Sleeves) 732 Federal, Chicago, Ill.
Benton Mfg. Co., 9 Bethune, New York
Boorum & Pease Co. ("B. & P. Standard," "Sieber & Trussell"), 109 Leonard, New York
Catalogue Equipment & Supply Co. (Covers), Allston, Boston, Mass.
Central Loose Leaf Co., Benton Harbor, Mich.
Chicago Binder & File Co. (Push Button Lock Binder "Perfect" Self-Indexing Ledger), 117 S Clinton, Chicago, Ill.
Conolly Henry Co. ("Conolly"), Rochester, N. Y.
Coppage Printing & Loose Leaf Co., Inc., 41 Rose, New York
Dahlberg Offissupply Co., Des Moines, Ia.
Dawson Binders Co., 216 N Main, St. Louis, Mo.
Dunbar Ledger & Binder Co., Minneapolis, Minn.
Elbe File & Binder Co., 217 Greene, N. Y.
Electro Sun Co., Inc., 161 Washington, N. Y.
Feldman System Mff. Co., 2308 Armitage av, Chicago, Ill.
Florin Philip, 465 Broome, New York
Gerlach J. H., College Point, N. Y.
Greer Frederic (Metal Parts), 525 W Van Buren, Chicago, Ill.
Hadley Chas. R. Co., Los Angeles.
Hanson J L Co (Photo Albums & Gummed Scrap Book), 552 W Adams, Chicago, Ill.
Heinn Co. ("Badger" Ledger Ring & Catalog Binder), 354H Florida, Milwaukee, Wis.
Hoffman H. H. & Co., 712 Federal, Chicago, Ill.
Hoppinger Co., 118 St Clair av N E, Cleveland, O.
Irving-Pitt Mfg. Co. ("1-P" Ring Binder for Loose Leaf Ledgers, etc), Kansas City, Mo.
Johnston Wm. G. Co., 429 Wood, Pittsburgh, Pa.
Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich.
Lefebure Ledger Co., Cedar Rapids, Ia.
Lloyd Wm. G. Co., 626 S Clark, Chicago, Ill.

LOOSE LEAD DEVICES—continued
Loewenbach B. & Sons Co., 2005 Clybourne, Milwaukee, Wis.
McBee Binder Co. (Binders), Athens, O.
McDonald J. S. Co. (Gravity-Lock Binder), 638 Federal, Chicago, Ill.
McKiernan Geo. F. & Co., 430 S Green, Chicago, Ill.
McMillan Book Co., Syracuse, N. Y.
Mac Gowan & Cooke Printing Co., Chattanooga, Tenn.
Mann Wm. Co., 529 Market, Phila., Pa.
Mohler A (Ledgers and Forms), Box 453, Chicago, Ill.
Morden Mfg. Corporation (Metal Parts), Waterbury, Conn.
Moore John C. Corp., Rochester, N. Y.
National Blank Book Co. ("Saxon" Post Binder) Holyoke, Mass.
Nelson Corp. ("Banner"), 326 W Madison, Chicago, Ill.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Plew & Motter ("Verybest"), 1200 W Monroe, Chicago, Ill.
Proudfit Loose Leaf Co. ("Proudfit"), Grand Rapids, Mich.
Ravenswood Office Specialties Co., 180 Newport av, Chicago, Ill.
Razall H. G. Mfg. Co. (Ledgers), 300 7th av, Milwaukee, Wis.
Richmond & Backus Co. (Ledgers), 111 Woodward av, Detroit, Mich.
Rubel Loose Leaf Mfg. Co., 314 W Superior, Chicago, Ill.
Seavey Co., Portland, Me.
Sheppard C. E. Co., Spring & Hudson, New York
Sherick Harry C., 210 E 4th, Cincinnati, Ohio
Shipman's Asa L. Sons ("Advance"), 100 Chambers, New York
Sieber Products Mfg. Co. (Loose Leaf Binders), 325 Locust, St. Louis, Mo.
Skinner & Kennedy Stationery Co., 416 N 4th, St. Louis, Mo.
Stationers' Loose Leaf Co., 346H, Broadway, Milwaukee, Wis.
Tatum Sam'l C. Co. ("Tatum"), Cincinnati, O.
Tenacity Mfg. Co. (Metal Parts), Reading, Ohio
Tengwall Co., 2954 Sheffield av, Chicago, Ill.
Triple S. Machine Co. (Metal Parts), 1013 Wellington, Chicago, Ill.
Trussell Mfg. Co. (Memo. Books, etc.), Poughkeepsie, N. Y.
Underwood Mfg. Co. (Metal Parts), 717 Sycamore, Cincinnati, O.
Van Buren Bros., 1950 Warren av, Chicago, Ill.
Well Bros. ("Empire" Ledger), 641 W Lake, Chicago, Ill.
Western Tablet Co. (Binders & Fillers), St. Joseph, Mo.
Wiggins Jno. B. Co., 1104 S Wabash av, Chicago, Ill.
Wilson Jones Loose Leaf Co. ("De Luxe," "Jones Improved"), 3300 Franklin bl, Chicago, Ill.
Wissler A. (Self-Adjustable, Any Size), B'way & Wash av, St. Louis, Mo.

7613—Lot Markers (Glazed Clay)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Texas.
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.

7614— Louvres

Aspromet Co. (Protected Metal), 1st Nat'l. Bank bldg., Pittsburgh, Pa.
Eagle Brass Foundry Co. (Goods), Seattle, Wash.
Stolz Jos. & Son, Inc., 841 E 136th, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7615—Lubricants (Automobile)

See also Lubricating Oils and Greases

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Atlantic Refining Co., 3144 Passyunk av, Phila, Pa
Conewango Refining Co., Warren, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Ironsides Co., Dept. H, Columbus, Ohio.
TEXAS COMPANY ("Texaco" Motor Oil, Thuban Cup Grease), 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co. ("Veedol"), 11 B'way, New York
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Lubricants (Commutator)

See Compounds, Commutator

Lubricants (Gas Engine)

See Lubricating Oils & Greases

7616— Lubricants (Gear)

Atlantic Refining Co. (Also Shafting), 3144 Passyunk av, Phila., Pa.
Bayerson Oil Works, Erie, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Ironsides Co., Columbus, Ohio
TEXAS COMPANY ("Texaco Crater"), 17 Battery pl, New York
See adv index at end of book
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
White & Bagley Co., Worcester, Mass.

7617—Lubricants (Graphite)

Acheson Graphite Co. ("Aquadog," "Gredag," "Oildag"), Niagara Falls, N. Y.
Acheson Oildag Co. ("Oildag"), Port Huron, Mich.
American Oil Corp'n ("Advance" Greases), Jackson, Mich.
Cataract Refining & Mfg. Co., Buffalo, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Graphoil Lubricating Co. ("Graphoil"), 71 Clymer, Brooklyn, N. Y.
Harris A. W. Oil Co. ("Harris" Graphite Grease), 326 S Water, Providence, R. I.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Invader Oil Co. (Grease), 76 Pearl, New York
Monarch Mfg. Co. ("Graphalene" Graphite, Oil), Council Bluffs, Ia.
Neider F. A. Co., Dept. H, Augusta, Ky.
Strong, Carlisle & Hammond Co. ("Randall" Sheet), 336 Frankfort av, N W, Cleveland, O.
SUPERIOR FLAKE GRAPHITE CO., 76 W Monroe, Chicago, Ill.
Swan & Finch Co. ("Niagara") (Oil Soap), 165 B'way, New York
United States Graphite Co., Saginaw, Mich.
Winslow Lubricating Co. ("Graphinoil"), 608 Swan, Buffalo, N. Y.
Wolverine Lubricants Co. of New York ("Wolf's Head"), 44 Whitehall, New York

7618— Lubricants (Mica)

Flota Mica Sales Co., Moffat bldg, Detroit, Mich.
United States Mica Mfg. Co. ("Flake" Lubricant), 1521 Circle av, Forest Park, Ill.
Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

7619—Lubricants (Roller Bearing)

Royersford Fdry. & Mch. Co. ("Rollerine"), Royerford, Pa.

7620—Lubricants (Solid, for Differential Gears)

Swain Lubricator Co., 443 W 37th, Chicago, Ill.

Lubricants (Wire Rope)

See Wire Rope Coating & Lubricant

7621—Lubricating Oils & Greases

ARKANSAS.

LITTLE ROCK—Gay Oil Co.

CALIFORNIA.

LOS ANGELES—Hercules Oil Refining Co.
Pacific Coast Beef & Provision Co. (Animal Oils & Greases)
Union Oil Co. of Cal., Union Oil bldg
Warren & Bailey Co. (Oils), 214 E 3rd
SAN FRANCISCO—American Oil & Paint Co., 284 Perry
Capitol Refining Co., 343 Sansome
Clinch C. G. & Co., 144 Davis
Fuller W. P. & Co., 301 Mission
McGuffick J. R. & Co. (Oils), 148 Stewart
Nason R. N. & Co., 151 Potrero av
New York Lubricating Oil Co., 798 Minnesota
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Continental Oil Co.

CONNECTICUT.

HARTFORD—Post & Lester Co. ("Lubro Visco")
Sweet C. F. ("Mercedes," "Climax")
WILLIMANTIC—Buck E. A. & Co. (Cylinder Oils, Steam), Dept. H

GEORGIA.

ATLANTA—Reed Oil Co. ("Reed" Cylinder Grease)
AUGUSTA—Peoples Oil Co.

ILLINOIS.

CHICAGO—Adams Oil & Compound Co., 549 W Washington blvd
See adv index at end of book

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ADA-SPEED
Oil Products

Ajax Lubricating Co., 108 S La Salle
Besley Chas. H. & Co. ("Helmet" Oil), 120 N Clinton. Works: Beloit, Wis.
Chicago Engineer Supply Co., 68 W Lake
Collins W. P. & Co., 332 Dearborn
Columbia Lubricants Co., 1549 S Michigan
Consumers Refining Co., 76 W Monroe
Crescent Linseed Oil Works (Natural Lubricating Oils), 927 Blackhawk
Crew Levick Co., 327 W Austin
Dearborn Chemical Co., ("Fort Clyde," "Fort Dearborn," "Fort Douglass," "Fort Sheridan" & "Fort Snelling"), 332 S Michigan av
Frazer Lubricator Co. ("Frazer"), 3921 Normal av
International Oil Refining Co., 1001 S Wabash av
Inter-Ocean Oil Co., 171 N Green
Jenkins Geo. R. & Co. (Engine), Cylinder, Dynamo, Machine, Oils & Cup, Auto Greases, etc), 608 S Dearborn
Jewett & Sowers Oil Co., 20 W Jackson blvd
Keystone Oil & Mfg. Co., 111 N Market
Kirk W. R. (Grease), 327 S La Salle
Magie Bros., 110 S Clinton
Miller Wm. P. Co. ("Victory," "American," "Shield" & "Universal"), 2316 S Wabash av
Morris & Co., W. S. Yards
Rosenberg Oil Co., 2066 Milwaukee av
Standard Oil Co., 910 S Michigan av
Star Oil Co., 348 Irving av
Stuart D. A. & Co., 2733 S Troy
Sullivan Oil Co., 413 Wells
SUPERIOR FLAKE GRAPHITE CO., 76 W Monroe
Superior Oil & Supply Co., 1748 Wilmot av
Viscosity Oil Co., 1101 W 37th
Wilson & Co., Union Stock Yards
Winne Howard B., 714 Jackson blvd
CHICAGO HEIGHTS—Traction Lubricating Co.
QUINCY—Richardson Lubricating Co. ("Supreme," "Keystone")
SPRINGFIELD—National Refining Co.

INDIANA.

EVANSVILLE—Evansville Oil Co.
INDIANAPOLIS—Crescent Oil Co.
General Oil Works Co.
National Refining Co.
Tiona Refining Co.

IOWA.

COUNCIL BLUFFS—Monarch Mfg. Co. ("Monamoile")
MARSHALLTOWN—Marshall Oil Co. of Iowa ("Rex" Ice Oil for Railroad Signals, etc.)

KANSAS.

CHANUTE—Kansas Co-operative Refining Co. (Petroleum Products)

KENTUCKY.

COVINGTON—Standard Oil Co. (of Kentucky)
LOUISVILLE—Standard Oil Co. (of Kentucky)

MAINE.

PORTLAND—Little & Coffin Oil Co. (Oil)

MARYLAND.

BALTIMORE—American Oil Co., American bldg
Baltimore Oil Co. (Jobbers), 106 High
Bragonier A. C. & Son (Oils), 343 N Calvert
Crescent Oil Co., 602 W Pratt
Crown Oil & Wax Co., Cor. Pratt & 8th
Hook Jacob W. & C. H. & Co., 3700 Bank
Hopkins Johns Oil Co. (Cylinder & Engine Oils, etc.), Stewart bldg
Island Petroleum Co., Keyser bldg
MacNeal Jas. B. & Co. (Engine, Machine & Cylinder Oils, etc.), Warner & Wooster
National Oil Co., Keyser bldg
Patapsco Oil & Grease Co., 109 Cheapside
Red "C" Oil Mfg. Co., Keyser bldg.



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Kerosene	Oil Soap	Asphalt Cement
Signal Oils	Miners' Oil	Pipe Coating
Distillates	Black Oil	Greases
Gas Oils	Car Oil	Cup Greases
Spindle Oils	Fuel Oils	Gear Greases
Motor Oils	Diesel Fuels	Axle Grease
Engine Oils	Bunker Oils	Solid Lubricants
Machine Oils	Cylinder Oils	Petroleum Coke
Dynamo Oils	Cylinder Stocks	Metal Polishes
Red Oils	Gear Lubricants	Roofing Paper
Pale Oils	Wire Rope Lubricants	Roofing
Floor Oils	Waxes	Roofing Cement

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Robinson Wm. C. & Son Co. ("Journal Compound," "Lubrantine," Grease, "Autoline" Cylinder, Engine, Spindle & Dynamo Oils, "Greoil"), 32 South
Sherwood Bros., Garrett bldg

MASSACHUSETTS.

ATLANTIC—Bosson & Lane
BOSTON—Boston Oil & Gasoline Co., 24 Piedmont
Chesterton A. W. Co. ("Autoleum" Oils & Greases), 64 India
Colonial Lubricating Oil Co., 15 Storer
Columbia Lubricants Co., 126 Massachusetts av
Crane L. M. & Co., 91 Oliver
Curry Bros. Oil Co., 253 Franklin
Eagle Oil & Supply Co. ("Eagleine"), 44 India
Economy Lubricating Co. (Improved Process "Economy" Grease), Dorrance & Temple, Charlestown 29
Hinds & Coon, 126 Pearl
Keystone Lubricating Co., 141 Milk
McLean-Jones Oil & Supply Co. ("Swastika" Inc.), 40 Court
Macomber Henry S & Co., 150 Milk
Masury-Young Co. (Wool Oils, Lubricating Greases, etc.), 196 Milk
Patterson Lubricating Co. (Oils), 114 Broad
Robinson Wm. C. & Sons Co., 43 Commercial Wharf
Underhay Oil Co., 73 Batterymarch
Vacuum Oil Co., 49 Federal
Valvoline Oil Co., 27 State
Wood W. A. Co., 373 Atlantic av
Young Frank L. Co. (Oils), 111 Purchase
CAMBRIDGE—Speare's, Alden Sons Co.
FITCHBURG—Snow Flake Axle Grease Co. ("Snow Flake")
LYNN—Bradford Oil Co. Inc.
NEW BEDFORD—Nye Wm. F. (Oils Only)
Robinson W. A. & Co.
PALMER—Buck E. A. & Co. (Oils)
WORCESTER—Buck E. A. & Co.
Continental Asbestos Corp. ("Spedolene"), 7 Summer
Eastern Supply Co., 2 Canterbury
White & Bagley Co. ("Royal Worcester," "Oilzum")

MICHIGAN.

DETROIT—Detroit Refining Co., Majestic bldg
Pattison Oil Co. (Oils), 27 Woodward av
Wayne Soap Co. (Oils), Copeland & M. C. R. R.
White Star Refining Co. (Machine Tool & Press Room Lubrication), Avery & Grand Trunk R. R.
JACKSON—American Oil Corp. ("Amoilco." "Anti-Carbon")
Auto Oil Co.
PORT HURON—Acheson Oildag Co.
Stock G. B. Xylite Grease & Oil Co.

MINNESOTA.

MINNEAPOLIS—Climax Western Oil Co. ("Bull Dog" Brands), 2824 10th av, S
Durkee-Atwood Co. ("Rie Nie"), 40 Wilder
Kunz Oil Co., 12 Wilder
Pure Oil Co. ("Puritan" Motor & Hard), 1st & 13th, av S.
Twin City Oil Co. (Oils & Greases), 210 N 1st
Van Tilburg Oil Co. ("Wang"), 2424 University av, S E
ST. PAUL—Cornplanter Lucribating & Oil Co. ("Diamond" & "Pioneer"), ft. Drake

MISSOURI.

KANSAS CITY—Kansas Co-operative Refining Co. (Petroleum Products), Mutual Oil Co., Interstate bldg
ST. LOUIS—Bell Oil Co. ("Liberty Bell" & "North Pole"), 600 S Vandeventer
Crescent Oil & Supply Co. (Oils), 303 N Levee
Dixon Joseph Crucible Co. (of Jersey City, N. J.), Victoria bldg
Fraser Lubricator Co., 2412 S 7th
Great Western Oil Co., 803 N Levee
McGuire Nat. L. Oil & Supply Co., 2924 Locust
Matthews Geo. T. & Co. (Oils), 20 S Main
Mound City Oil & Supply Co. ("M-C"), 204 N Commercial
Northrop Lubricating Oil Co., 303 N Commercial av
Pierce Oil Corp, Bank of Com. bldg
St. Louis Oil Co., 2921 N Bury
Street J. D. & Co. ("Ruby"), 41st & Pk

NEBRASKA.

OMAHA—Nicholas L. V. Oil Co.

NEW JERSEY.

BAYONNE—Duryea Mfg. Co.
CAMDEN — Camden Chem. Mfg. Co. ("Greyhound" Combination), 1800 Mickle
Hollingshead R. M. Co. ("Whiz," "Hollingshead" Machine, Harvester, Engine, etc.)
Pittsburgh & Philadelphia Oil & Refining Co.
JERSEY CITY—Anchor Refining Co., 82 Woodroad
Dixon Joseph Crucible Co.
Frazer Lubricator Co., 179 15th
Hudson Oil & Supply Co., 49 Hudson
Zibell J. A. Co., 191 Culver av
NEWARK—American Oil & Supply Co., 238 Wilson av
Fiske Bros. Refining Co. ("Lubroleine"), 76 Esther
National Oil & Sup. Co. ("Viscos"), 180 Freigysen av
Pure Oil Co., 423 Passaic av
Sheppard W. S. ("Ideal"), 21 Lawrence
Wire Rope Lubricating Co., 40 Clinton
Young Orlando W. (Young's), 33 Ross
RAHWAY—Three-In-One Oil Co. (See New York)
RIDGEWOOD—Ever-Ready Oil Co.

NEW YORK.

ALBANY—Bleecker Wm. R. Oil Co.
Higgins Robert J.
Sinclair Refining Co. ("Four Bros.")
Wing Robert B & Son, 385 B'way
BINGHAMTON—Binghamton Oil Refining Co.
Tiona Oil Co.
BUFFALO—American Oil Product Co., 1426-30 Seneca
Buffalo Refining Co. (Cylinder & Engine Oils, Filtered Stocks & "Niagara" Grease), 77 Main
Buffalo Specialty Co. ("Home" Oil), 375 Ellicott
Cataract Refining & Mfg. Co. ("Cascade")
Commercial Oil Co., 17 Main
Enterprise Oil Co., 164 Chandler
Fails N. B. Lubricating Co., Prudential bldg
Hosmer G. A. Co., 601 Northland av.
Ideal Oil Co., 931 Clinton
Shining Light Mfg. Co. (Oils & Greases)
Warren Lubricant Co., 22 Mansico ("Spermo," Consistency," "Perfecto," "Sanderson")
Winslow Lubricating Co. ("Grapinhoil"), 608 Swan
CORTLAND—Cortland Specialty Co. (Oils & "Hout's" Cup Grease)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Crane James W., 23-27 N Pier, Hamilton Ferry
Diana Oil & Grease Co. ("Marathon"), 544 Hamilton av
Miller Wm. P. Co. ("Victory," "American," "Miller's Commodore," "Shields" & "Universal"), 250 Greene
Newton A. E. & Co., 164 Prospect av

Boroughs of Manhattan and Bronx.

NEW YORK—A. L. A. Mfg. & Supply Co. ("A. L. A."), 72 Trinity pl
Albany Lubricating Co., 708 Washington
Alexander H. T. & Co. ("Grand Prix" Motor), 17 Battery pl
Belden A. G. & Co. (Importers & Exporters), 28 Burling slip
Benners E. H. Co., 32 Front
Bliven & Carrington, 29 Moore
Borne-Scrymser Co. ("Silex" & "Colonial" Greases, "Turboil" for Turbines; also Engine, Cylinder & Car Oils, "Diamond W." etc.), 80 South
Burgmann Foeder, 26 Cortland
Chard & Howe, 250 Front
Chelsea Oil & Supply Co., 17 Battery pl *See adv index at end of book*
Clarkson & Ford Co. ("Banner"), 55 Water
Colgan Mfg. & Supply Co. ("Colgan," "Ball), 118 Maiden la
Columbia Lubricants Co. of N. Y. ("Monogram"), 116 Broad
Columbia Refining Co. ("Royal" Cup Grease, "K. A. C.," Auto), 90 West
Cook & Cokefair ("Vulcan"), 306 Pearl
Cook's Adam Sons ("Albany" Grease & Cylinder Oil), 708 Washington
COOK & SWAN CO. INC., 148 Front *See adv index at end of book*
Corning Arthur W., 251 Front
Craycroft Oil Co., 42 B'way
Dingee M. H. & Co., 254 Water
Eagle Lubricating Oil Co., 2 Stone
Faul Wm. J. Co. (Dealer), 132 Front
Fiske Bros. Refining Co. ("Fiskes"), 24 State
Frazer Lubricator Co. (Grease), 82 Murray
French Lubricating Oil Co., 400 Pearl
Gallaway G. W. ("Velocity"), 322 Pearl
Graphoil Lubricating Co. ("Graphoil"), 71 Clymer, B'klyn
Haggerty Refining Co. ("Thermo," "Reliance," "Thermoline"), 50 South
Harris, A. W. & Co. ("Acme," "Champion," "Empire," "Eureka," "Excelsior," "Globe," "Imperial Star," "Red Star," "Victor"), 17 Battery pl
Haws Geo. A. ("Marnile," "Peerless," "Panhard"), 135 Front
Henle S., Inc., 23 Beaver
Hewlett Bros., 82 Front
Hudson Oil Co., 109 Broad
Ilsley, Doubleday & Co., 229 Front
Indian Refining Co. ("Sunset," "Champion," "Havoline" Automobile Oil), 244 Madison av
Interocean Oil Co., 90 West
Invader Oil Co. ("Invader," "I. O. C."), 76 Pearl
Kanter R. J. Co. ("Horseline" & "E & K"), 647 Water
Kellogg, E. H. & Co. ("Anti-Corrosie," Cylinder, Dynamo & Spindle, Oils, etc), 243 South
Kuhne-Libby Co., 51 Front
Marden, Orth & Hastings Co., 136 Liberty
Miller Frank Co., 349 W 26th
New York Lubricating Oil Co., 116 Broad
National Oil Co. (Jobbers) ("Royal"), 17 Battery pl
N. Y. & N. J. Lubricant Co. ("Non-Fluid"), 165 B'way
Oil & Grease Co. ("O. & G."), 65 B'way
Pennsylvania & Delaware Oil Co. (Cylinder & Engine Oils, etc), 90 West
Petroleum Products Co., 51 Front
Pigot, Sayre Co. ("Aurora"), 71 Front
Platt & Washburn Refining Co., 11 B'way
Prudential Oil Co. Inc. (Jobbers), 17 Battery pl
Quimby J. L. & Co., 278 Water
Reliance Oil & Grease Co., 50 South
Remington Arms Company, Inc. ("Remoil," "Para-vaseline" for cleaning guns & revolvers), 233 B'way
Schilling, Frederick ("Paramount"), 617 Greenwich
Sharpe & Co. (Dealer), 97 Water
Sonneborn's L. Sons ("Amalie," All kinds of Oils & Greases), 262 Pearl
Speares Alden Sons Co., 149 B'way
Standard Oil Co. of N. J. ("Polarine"), 26 B'way, New York
Standard Oil Co. of N. Y. ("Capitol," Cylinder & "Renown," Engine Oils, Petroleum Lubricants & "Arctic" Grease, "Polarine," Oils & Greases), 555 W 25th
Stoddard Oil Co. (Jobbers), 17 Battery pl
Strong Machinery & Supply Co., "Strong's E-Z EE" Slip, "Strong's" Graphite Grease), 293-294 Church *See adv index at end of book*
Swan Alden S. & Co., 148H Front
Swan & Finch Co. ("Cascade," "Boymay," "Excelsior," "Eagle," "Cataract," "Calypool," "Victor," "Monarch," "Seba," "Tiger," "Petrol," (Atlas"), 165 B'way
TEXAS COMPANY ("Texaco"), 17 Battery pl *See adv index at end of book*
Three-In-One Oil Co. ("Three-in-One") 165 B'way
Tidewater Oil Co., 11 B'way
Union Excelsior Lubricating Co., 229 Front
Vacuum Oil Co. ("Mobiloil"), 61 B'way
Valvoline Oil Co. ("Valvoline," "Magnet"), 11 B'way
Warren Lubricant Co., 27 Coenties Slip
Wilburine Oil Works, 11 B'way
Winn Wm. R., 488 Cherry
Wolverine Lubricants Co. of New York ("Wolf's Head"), 44 Whitehall
Woolley G. C. Co. ("Runwell" Oils), 502 E 20th

Borough of Queens.

LONG ISLAND CITY—Pan-O-Lite Grease & Oil Co. ("Excelsior"), 298 Hancock
(End of New York City)
NIAGARA FALLS—Acheson Graphite Co. ("Acheson," Graphite & Graphite Grease)
NORTH TONAWANDA—Frontier Mfg. Co. ("Top"), Dept. H
OLEAN—Perfection Oil Co.
ROCHESTER—Hayner Norman C. Co. ("No-Set-O" Cylinder, Engine & Dynamo Oils, etc.)
Southwick Theron T. Oil Co. ("Graphite Perfecto")
Sterling Oil Co.
Union Oil Works
Vacuum Oil Co. ("Mobiloil" "Gargoyle" "Mobilubricants")
ROME—Baum's Castorine Co.
SYRACUSE—Mills C. E. Oil Co.
WATERFORD—Petroleo Co.

OHIO.

BEDFORD—Franklin Oil & Gas Co. (Cylinder & Engine Oils)
CINCINNATI—American Oil Treating & Hardening Co., Ivorydale
Cincinnati Oil Works Co., 525 Eggleston av

Evans Oil Works, 637 Elsinore
Moore Oil Co. (Solid Lubricants & Special Greases, for Jobbing Trade Only), York & McLean av
Paragon Refining Co., 3222 Beekman
Valvoline Oil Co. ("Valvoline," "Mobiloil"), 1761 Elmore Cumville
Wagner C. P. & Co. (Cylinder, Engine, Dynamo, etc), 308 Sycamore

CLEVELAND—Anchor Oil & Chemical Co. ("Anchor")
Atlas Oil Co., Rose bldg
Brooks Oil Co., C. & P. & Erie R. R.
Canfield Oil Co. (Petroleum Products, 3210 E 55th
Carran Lewis C. Co., Rockefeller bldg
Clark Fred G. Co. (Wholesale Trade Only), 1081 W 11th
Climax Refining Co. ("Velvetine"), Williamson bldg
Crown Oil Co., 804 Lakeside av, N W
Cummer Products Co., 2150 W 15th
Damascus Mfg. Co., Cassins av
Dietrichs Valve-Oleum Oil Co., 1252 W 70th
Ensign Refining Co., 10703 Quebec av, S E
Fairfax Refining Co., 9420 Meach
Globe Refining Co. ("Globe," Solid Oil), 934 Rose bldg
Great Western Oil Co. (Auto & Engine Oils, etc.), 2846 E 37th
Kingsley H. B. ("Sealine" Oils & Cup Greases), 325 St. Clair av, N W
Manufacturers' Oil & Grease Co., Century bldg
Mohawk Refining Co., 1131 W 11th
Monitor Oil Co. (Oils & Greases)
National Refining Co. (Petroleum Products), Rose bldg
Northern Chemical Co. ("Lubricene")
Phoenix Oil Co. ("R. M. C. C."), 2554 W 5th
Pioneer Mfg. Co. ("Ottomo"), 3053H E 87th
Plomo Specialty Mfg. Co., Belmont bldg
Puritan Oil Co. ("Puritan," "Aero" & "Packard"), 1244 W 70th
Standard Oil Co. of Ohio ("Eldorado" Engine, "Standard" Gas Engine, "Mobilubricant," etc), E Ohio Gas bldg
Star Lubricating Oil Co., 8741 B'way S E
Sterling Refining Co., 6408 Euclid av
Stevens Grease & Oil Co., E 79th & Avrina av
Tropical Paint & Oil Co. ("Cyclone" Cylinder & Engine), W 70th
Universal Lubricating Co. ("Tulle" Lubricants for Elevator Slides, Sheaves, Engine Room, etc), Schofield bldg
Visco Motor Oil Co., 2104 Superior av N W
Warren Refining Co., 9420 Meech av
Whitmore Mfg. Co. ("Whitmore's" Gear Protective Composition, "Whitmore's" Journal Oil), Iron & Erie Ry.)

COLUMBUS—Ironsides Co., Dept. H
Keystone Paint & Oil Co. (Oils)
Ohio Cities Gas Co. (Oil Refiners)
Ohio Filler & Shield Co., 522 City av

EAST LIVERPOOL—Williams S. C. & Co. (Oils)

HAMILTON—Smith E. A.

LOUDONVILLE—Ohio Grease Co. ("Ohio," "Triangle" Cylinder Cup, Bearing & Journal Grease)

MANSFIELD—Independent Oil Co.

TOLEDO—Craig Oil Co.
Electric Refining Co.
Hardy & Dischinger Co.
Monarch Mfg. Co. ("Channelene" Grease), Ironville
Paragon Refining Co. (Cylinder Valve & Engine Oils & Grease & Lubricating Compounds)
Sun Co. (Engine & Cylinder Oils & Greases)

OKLAHOMA

TULSA—MacKormack Co. (Jobbers), Roberts bldg

PENNSYLVANIA.

ALLENTOWN—Garnet The Co.
Gossler Oil Co. (Oils & Greases)

BRADFORD—Emery Mfg. Co. (Steam Refined Cylinder Stock)
Journal Oil Co.
Kendall Refining Co. (Steam Refined Cylinder Stocks, etc.)
Sloan & Zook

CHESTER—Manufacturers' Paraffine Co.

CLARENDON—Clarendon Refining Co.

EMLENTON — Emlenton Refining Co. (Cylinder Engine, Spindle, Dynamo, etc.)
Sterling Oil Co.

ERIE—Erie Oil Co.
Penn. Oil Co.
Union Oil Works
United Oil Mfg. Co.

FERNWOOD—Modoc Company ("Modoc" Journal Lubricant & Gear Grease)

FRANKLIN—Franklin Quality Refining Co.
Galena Signal Oil Co. (Coach, Engine & Car Oils, "Perfection" Valve & Signal Oils)
Foco Oil Co. (Jobbers)
Franklin Oil Wks
Marwin Mfg. Co. (Ltd.), (Autolene)

FREEDOM—Freedom Oil Works Co. (Refiners of Machinery Oils, etc)

NORTH CLAREDON—Smith Levi Refining Co.

OIL CITY—Advance Oil Co.
Continental Refining Co.
Crystal Oil Works (Railroad Oils & Specialty
Empire Oil Works (Cylinder & Machy. Oils)
Independent Refining Co. Ltd. (Engine Dynamo Oils, etc.)
Oil City Oil & Grease Co. ("Benzoil")
Penn. American Refining Co. (Cylinder, Spindle, Engine, Valve Oils Only, etc.)
Penn. Oil & Supply Co. Ltd, (Petroleum Lubricants)

PHILADELPHIA—Atlantic Refining Co. (Engine, Cylinder, etc), 3144 Passyunk av
Benson W. T. & Co., 232 W. Front
Borne, Scrymser Co., Lafayette bldg
Brown D. P. & Co. (Oils & Greases, Jobbers), 264 N 4th
Commercial Lubricating Co. ("Lubriko"), cor Meadow & Jackson
Crew Levick Co. ("Crew," "Levick," Automobile Oils), 111 N Broad, Phila., Pa.
Fergusson Alex. C. Jr., 474 Chestnut
See adv index at end of book
Houghton E. F. & Co. ("Cosmolubric" Oil, "Vim" Cylinder Oils, Lubricating Greases, etc), 240 W Somerset
Hulburt C. & Co., 240 Arch
Keystone Lubricating Co. ("Keystone" Greases & Compounds & Belt Greases), 21st & Clearfield
Loos & Dilworth, 134 S Front
Murray & Murray, 219 Quarry
Penn. Petroleum & Supply Co. ("Primus"), 115 N 2d
Philadelphia Grease Mfg. Co., 848 S Swanson
Pure Oil Co. ("Puro" Oils), Lafayette bldg
Quaker City Supply Co., Land Title bldg
Richards G. Whitfield, 1732 Carlton
Skipton Valentine Co., 221 Arch
Smith Chas. K. & Co., 123 Arch
Stevenson Bro. & Co., 110 Race
Sun Co. (Petroleum Lubricants), Finance bldg
Sunlight Oil & Gasoline Co. (Cylinder & Lubricating Oils), 49th & Gray's av
Union Petroleum Co. (Cylinder, Engine, Dynamo, Wool & Cordage Oils, Automobile, Motor Boat & Gasoline Engine Lubricants, etc), Widener bldg
Walton F. S. Co. ("Zorozo," Grease, etc), Orthodox & Dela
Zurn O. F. Co. ("Peerless," "American," "Detroit," "Lardoleum" Greases), Broad & Lehigh av

PITTSBURGH—ADMIRAL PETROLEUM CO., 215-216 Bessemer bldg.
See adv index at end of book
Duquesne Oil & Supply Co., 3300 Smallman
Eagle Lubricating Oil Co., 226 1st av
Gulf Refining Co. (Petroleum Products), Frick bldg, Annex
Hamel J. J. & Co., Union Bank bldg
Miller's A. D. Sons Co. (Cylinder, Engine & Dynamo Oils & Cup, Journal, Belt & Sponge Greases), Columbus & Preble
Penna Lubricating Co., 34th & A. V. Ry.
Pittsburgh Oil Refining Co. (Cylinder, Spindle, etc)
Sun Co., 27th & Smallman
WAVERLY OIL WORKS CO. (Engine & Cylinder Oils), 54th

READING—Ellis & Cummings Oil Works

SCRANTON—Maloney Oil & Mfg. Co.

TITUSVILLE—American Oil Works (Ltd.)
Frank Oil Co. (Oils)
Harris Oil & Grease Works (Gas Engine Cylinder Oils, etc)
Pennsylvania Paraffine Works

WARREN—Clarendon Refining Co.
Conewango Refining Co.
Cornplanter Refining Division (Wholesale Oils)
Seneca Oil Works (Cylinder & Machinery Oils)
United Refining Co. (Oils)
Warren Refining Co. (Cylinder, Engine, etc)
Wilburine Oil Works (Ltd.), (Petroleum Lubricants)

RHODE ISLAND.

PAWTUCKET—Edmands Arthur B. Co. ("Crystalized Oil"), 180 Main
Perry Oil Co.

PROVIDENCE—American Oil Co., 180 S Water
American Supply Co., 135 Washington
Bush Chas. S. Co. (Oils & Greases), 224 Weybosset
Harris A. W. Oil Co. ("Harris"), 326 S Water
Phetteplace Oil Co., 334 S Water

TEXAS.

DALLAS—Armstrong Packing Co.
Dallas Oil & Refining Co.

HOUSTON—Bonner Oil Co.
Gulf Refining Co.
Texas Co.

WASHINGTON.

SEATTLE—Pacific Lubricating Co.
Sea Board Oil Co.

WEST VIRGINIA.

PARKERSBURG—Zero Oil Co. ("Zero" Natural W. Va. Oils)

WISCONSIN.

BELOIT—Besly Chas. H. & Co. (See Chicago, Ill.)

MILWAUKEE—Campbell J. M., 54 2nd
Delaney Oil Co., 47 3rd
Halsted W. D. Oil Co., 320 E Water
Hormeister Leo Co., Forest Hill & Hofmeister av
Independent Oil & Grease Co., 268 S Water
Kramer W. J. Oil Co., 214 Reed
Layton Park Oil & Soap Co., 29th & Forest Home avs
Magie E. E. Specialty Mfg. Co., 551 Wahl av
Peters Oil & Compound Co. (Oils & Greases), 356 Clinton
Wadham's Oil Co. ("Badger" & "600 K" Cylinder), 359 Clinton

OSHKOSH—Stroud-Doyle Co.

RACINE—Johnson S. C. & Son (Automobile Stop Squeak Oil)

WAUKESHA—Kent Lubricating Co.

7622—Lubricators (Air Brake)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nathan Mfg. Co., 416 E 106th, New York
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

7623—Lubricators (Air Compressor)

See also Lubricators, Oil & Grease Cup; also Lubricators, Gas Engine

Garrat L. W. (Mfrs'. Agent), Union Arcade bldg, Pittsburgh, Pa.
LUNKENHEIMER CO. ("Banner," "Emblem," "Hercules" & Premier"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn.
See adv index at end of book
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Nugent, Wm. W. & Co., 146 W Superior, Chicago, Ill.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

7624—Lubricators (Automobile)

See also Lubricators, Oil & Grease Cup; also Lubricators Force Feed

Bassick Co. ("Bassick"), 28H Austin, Bridgeport, Conn.
Bassick Mfg. Co. ("Alemite"), 361 W Superior, Chicago, Ill.
Cleveland Machy. & Supply Co., Union bldg, Cleveland, O.
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Madison Kipp Corp., Dept. H, Madison, Wis.

7625— Lubricators (Candle)

For Shafting & Loose Pulleys, etc)

Detroit Lubricator Co., Detroit, Mich.
Faul Wm. J. Co. ("Positive"), 133 Front, New York
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7626—Lubricators (Car Journal)

Armstrong Oiler Co., Commonwealth Trust bldg, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7627—*Lubricators (Electric Motor)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

7628—Lubricators (Elevator Guide)

Elevator Supplies Co. ("E. S."), Hoboken, N. J.
Knickerbocker Elevator Gate Co., 116 West, New York
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7629-30—Lubricators (Engine, Brass, Etc.)

See also Lubricators, Various Kinds

ALLEN W. D. MFG. CO. ("Republic"), 566 W Lake, Chicago, Ill.
See adv index at end of book

American Injector Co., 173 14th, Detroit, Mich.

American Lubricator Co. ("Improved," "Perfection," "Reliable," "Crescent," "Keystone"), Summit & Wabash Ry., Detroit, Mich.

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.

LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Auxiliary"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn.
See adv index at end of book

Manzel Bros Co., 315 Babcock, Buffalo, N. Y.

Michigan Lubricator Co. ("Michigan," Sight Feed, Gas, Gasoline & Steam-Engine, Air Compressor, Steam Pump), 3643 Beaubien, Detroit, Mich.

Nathan Mfg. Co. ("Max," "Le Laval," Sight-Feed), 416 E 106th, New York

Nugent, Wm. W. & Co., 146 W. Superior, Chicago, Ill.

Ohio Injector Co. ("Chicago"), Wadsworth, O.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Penberthy Injector Co. ("Penberthy"), 346 Holden av, Detroit, Mich.

Powell Wm. Co. ("Boston," "Middy," "Viking," "Vakum," "Trident," "Corsair," "Neptune," "Nestor," "Nymph," "Viduct," "Vitray"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

Star Brass Mfg. Co. ("Siebert"), 53 Oliver, Boston, Mass.

Williams D. T. Valve Co. ("Worthy," "Wonder"), Cincinnati, O.

7631—Lubricators (Force Feed)

Biddison Mfg. Co., Madison, Wis.

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.

Greene, Tweed & Co. ("Multiplus" & "Rochester" Automatic), 109 Duane, New York

Hills-McCanna Co., 2025 Elston av, Chicago, Ill.

Interstate Machine Products Co., Rochester, N. Y.

Lonergan J. E. Co. ("Keystone," Hand), 211 Race, Phila., Pa.

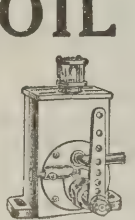
LUNKENHEIMER CO. ("Marvel," "Invincible," "Alpha," "Universal"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McCord Mfg. Co. ("McCord" Motors, Engines, Pumps, etc), 2587 E. Grand blvd, Detroit, Mich.

McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn.
See adv index at end of book

The Practical Force Sight-Feed

OIL PUMP



Takes the guess out of lubrication and reduces oil bills from 30% to 50%.

Adjustable driving parts make it easy to attach.

McCULLOUGH MFG. CO.

2636 CENTRAL AVE. MINNEAPOLIS, MINN.

Sold by the Leading Supply Houses

Madison-Kipp Lubricator Co. ("Kipp," Valveless), Madison, Wis.

Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.

Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

Richardson-Phenix Co. ("R. P."), 131 2nd, Milwaukee, Pa.

Richmond Pressed Metal Works, Inc. ("Dake"), Stockton & 6th, Richmond, Va.

Sherwood Mfg. Co. ("Hart" Mechanical Oil Pumps for Traction Engines, Road Rollers, Drop Hammers, etc), 1709 Elmwood, Buffalo, N. Y.

Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7632—Lubricators (Graphite)

Allen Crucible Co., 714 50th av, East Oakland, Cal.

American Safety Lamp & Mine Supply Co. ("Watres"), Scranton, Pa.

Johnson Graphite Lubricator Corp, 50 Church, New York

LUNKENHEIMER CO. ("Graphite"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

National Graphite Lubricator Co., Scranton, Pa.

Randall Graphite Product Corp. ("Randall" Graphite Sheet), 711H Fulton, Chicago, Ill.

Strong, Carlisle & Hammond Co. ("Randall," Sheet), 336-344 Frankfort av, N. W. Cleveland, O.

Swain Lubricator Co., 443 W 37th Chicago, Ill.

Lubricators (Grease & Oil Cup)

See Lubricators, Oil & Grease Cup

7633—Lubricators (Locomotive)

Crescent Mfg. Co. ("Lackawanna"), Scottdale, Pa.

Davoren W. T. Brass Finishing Works ("Davoren Denver" Standard), 1241 12th, Denver, Colo.

Detroit Lubricator Co. ("Detroit" Bullseye Pattern), Detroit, Mich.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New York

Michigan Lubricator Co. (Stationary), 3643 Beaubien, Detroit, Mich.

Nathan Mfg. Co. ("Nathan," Double & Triple Sight-Feed & "Bull's Eye"), 416 E 106th, New York

Ohio Injector Co. ("Chicago"), Wadsworth, O.

Powell Wm. Co. ("Star Duplex"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

Q. & C. Co. (Piston Rod), 90 West, New York

Richardson-Phenix Co. ("R. P."), (Force Feed), 131 2nd, Milwaukee, Wis.

Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

Williams D. T. Valve Co., Cincinnati, O.

7634— Lubricators (Locomotive Box)

Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

Venango Mfg. Co., Franklin, Pa.

Lubricators (Loose Pulley)

See Oilers, Loose Pulley

7634a—Lubricators (Mechanical)

McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn.
See adv index at end of book

7635—Lubricators (Multiple Oiling)

Commonwealth Brass Wks., Detroit, Mich.

Detroit Lubricator Co., Detroit, Mich.

Essex G. B. Brass Co. ("Standard"), 480 Franklin, Detroit, Mich.

Hall Mfg. Co. ("Bartow"), Harrison, N. J.

Lonergan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., ("Paragon Duplex," "Paragon Triplex," "Marvel" & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Michigan Lubricator Co., 3643 Bieubien, Detroit, Mich.

Nathan Mfg. Co., 416 E 106th, New York

Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

Powell Wm. Co., Cincinnati, O.
See adv index at end of book

Richardson-Phenix Co. ("R. P."), 131 2nd, Milwaukee, Wis.

Sherwood Manufacturing Co., 1709 Elmwood, Buffalo, N. Y.

7636—Lubricators (Oil Pump)

American Injector Co., 173 14th av, Detroit, Mich.

American Lubricator Co. ("Ideal" Glass Body & "Superior," all Brass), Summit & Wabash Ry, Detroit, Mich.

Atlas Brass Foundry Co., 980 Park, Columbus, O.

Burt Mfg. Co. The, 40 Main, Akron, O.

Chicago Steel Tank Co., Cicero, Ill.

Cincinnati Lubricant Pump Co. ("Fulflo"), Blanchester, O.

Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Essex G. B. Brass Co., 480 Franklin, Detroit, Mich.

Fulflo Pump Co., 128 Opera pl, Cincinnati, O.

Greene, Tweed & Co., 109 Duane, New York

Hills, McCanna Co., 153 W. Kinzie, Chicago, Ill.

Jarecki Mfg. Co., Erie, Pa., & Pittsburgh, Pa.

Lonergan J. E. Co. ("Calumet & Hecla" Pattern, etc.), 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Alpha," "Universal," "Marvel," & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McCullough Mfg. Co., 2636 Central av, N E Minneapolis, Minn.
See adv index at end of book

Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.

Manzel Bros. Co. ("Manzel" Sight Feed Automatic), 315 Babcock, Buffalo, N.Y.

Michigan Lubricator Co. ("Michigan"), 3643 Bieubien, Detroit, Mich.

Michigan Machine Co., 951 Porter, Detroit, Mich.

Nathan Mfg. Co. (Hand Cylinder, etc.), 416 E 10th, New York

Nugent, Wm. W. & Co., 146 W Superior, Chicago, Ill.

Pedersen Lubricator Co., 636 First av, New York

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Powell Wm. Co. ("Cadet," "Pennant," "Beacon"), 2525 Spring Grove av, Cincinnati, O.

Richardson-Phenix Co. ("R. P."), 131 2nd, Milwaukee, Wis.

Sherwood Mfg. Co. ("Buffalo," "Felthousen" Cylinder, Mechanical & "Hart" Mechanical Sight Feed), 1709 Elmwood, Buffalo, N. Y.

Stahl Mfg. Co. ("Stahl's" Conical Base Grease Cups), 983 17th av, S E Minneapolis, Minn.

Star Brass Mfg. Co. ("Thompson"), 53 Oliver, Boston, Mass.

Tokheim John J., Cedar Rapids, Ia.

Trahern Pump Co. (Rotary), Rockford, Ill.

Williams D. T., Valve Co. ("Walrus"), Cincinnati, O.

7637—Lubricators (Oil & Grease Cup)

Agnes Raymond C. Co., Burlington, Wis.

Albany Lubricating Co. (Grease Cups Only), 708 Washington, New York

ALLEN W. D. MFG. CO. ("Columbia," "Peerless," "Dixie," "Arctic," "Reliable," "Golden Rule"), 566 W Lake, Chicago, Ill. *See adv index at end of book*

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CHICAGO, ILL.

American Injector Co. (Glass Oil Cups, Brass Grease Cups; also Compression Grease Cups, Moon Automatic), 173 14th av, Detroit, Mich.

American Lubricator Co. ("Pearl," "Banner," "Bessemer," "Admiral," "Acme," "Navy," "Model," Glass Body for Oil, "Lion," "Challenge," "Art," all Brass for Grease), Summit & Wabash Ry., Detroit, Mich.

American Safety Lamp & Mine Supply Co., Scranton, Pa.

American Stamping Co., Battle Creek, Mich.

BAY STATE STAMPING CO. ("Bennett Handy"), 380 Chandler, Worcester, Mass. *See adv index at end of book*

Besly Chas. H. & Co. ("Bonanza Badger" & "Helmet"), 120 N Clinton, Chicago, Ill.

Bowen Corp. ("Winkley" Brass, Steel & Combination), Detroit, Mich.

BOWEN PRODUCTS CORP. ("Empress" Line of Brass & Steel Grease Cups; Plain Compression, Plain Leather Packed, Ratchet Compression, Marine Compression, Spring Compression, Funnel Shafting Cups), Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn. & Windsor, Ont, Canada.
See adv index at end of book

Buckeye Iron & Brass Works (Oil Cups Only), Dayton, O.

Buffalo Metal Goods Co. ("Emerson" Automatic), 196 Winchester av, Buffalo, N. Y.

Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.

City Iron Works & Machine Co. (Grease), 522 S Delaware av, Phila., Pa.

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*

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Fig. No. 207

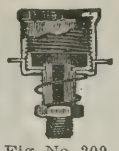
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Fig. No. 232

Fig. No. 200

Fig. No. 249

Fig. No. 289

Fig. No. 226


Fig. No. 116

Fig. No. 118

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Zerk Div., Cleveland, O. Minneapolis Div., Minneapolis, Minn.
Canadian Factory, Canadian Winkley Co., Ltd., Windsor, Ont.


Fig. No. 52

Fig. No. 74

Fig. No. 51


Fig. No. 54

Fig. No. 50

Fig. No. 56

Fig. No. 55

Fig. No. 60

Fig. No. 53


Fig. No. 287

Fig. No. 218

Fig. No. 214

Fig. No. 215

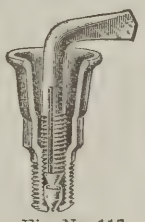
Fig. No. 233

Fig. No. 117

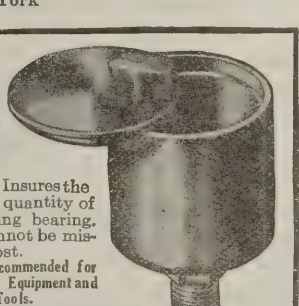
Fig. No. 12-D

Fig. No. 72

Fig. No. 5739

Crescent Mfg. Co. ("Lackawanna" Automatic Grease Cups Only), Scottdale, Pa.
Crescent Oil & Supply Co. ("Babcock & Kelley"), 303 N Level, St. Louis, Mo.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Shipbuilding Co. (Brass "McCoy," "Erie," "Huron," "Majestic," "Quaker," "Kirby," "Perfection," "Superior," "Eagle' & "Mutual"), ft. Orleans, Detroit, Mich.
Dielmore Valve Co. ("Newcombe" Grease Cups & Plugs), Tacoma, Wash.
Edelmann E & Co., 341 E Ohio, Chicago, Ill.
Edna Brass Mfg. Co. (Oil Cups Only), Cincinnati, O.
Essex G. B. Brass Co., 480 Franklin, Detroit, Mich.
Fanner Mfg. Co. (Grease Cups), Cleveland, Ohio
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
GITS BROS. MFG. & SPECIALTY CO. ("Gits" Spring Hinge Oil Cups), 1901 S, Kilbourn, Chicago, Ill.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hall Mfg. Co. ("Hall's"), Harrison, N. J.
Hancock Mfg. Co., Charlotte, Mich.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Haydenville Co., Haydenville, Mass.
Henry Mfg. & Grease Cup Co. ("Henry" Grease Cups), Terre Haute, Ind.
Hunter Pressed Steel Co. (Compressed Air Grease Cups), cor Orthodox & Horrocks, Philadelphia, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co. (Brass), Peoria, Ill.
LINDHOLM METAL STAMPING CO. ("McKee," "Lindholm," "Vale," "Camden," "Madeira" Drawn Metal Grease Cups), 107 Erie, Camden N. J.
Link Mfg. Co. (Grease cup only), Kansas City, Mo.
Lonergan Jas. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Cardinal," "Pioneer," "Victor," "Sentinel," "Crown," "Reserve," "Royal," "Miami," "Champion," "Acorn," & "Hawk" Oil Cups: "Ideal," "Lion," "Jewel," "Marine," "Tiger," "Gem," "Surety," "Positive," "Apollo," "Lock," "Owl," "Guard," "Grip," "Atlas," "Majestic," "Checklock," "Primo," "Ferro," "Wingo," "Securo," Grease Cups), Executive Offices & Factories: Waverly & Beekman, Cincinnati, O.
See adv index at end of book
Madison-Kipp Co., Dept. H, Madison, Wis.
McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn.
See adv index at end of book
McNab & Harlin Mfg. Co. ("Stauffer," Grease Cups, etc), 55 John, New York
Merchant & Evans ("M. & E." Automobile Grease Cups), Washington av & 21st, Phila., Pa.
Michigan Lubricator Co. ("Michigan," "Common Sense," Marine Spring Compression, Loose Wire Crank Pin, "Reliable Plain," Kant-Leah), 3643 Beaubien, Detroit, Mich.
Milwaukee Valve Co. (Plain Brass Grease Cups), 139 Burrell, Milwaukee, Wis.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
Nathan Mfg. Co. ("Dreyfus"), 416 E 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Newton Mfg. Co. ("Newcup"), Plainville, Conn. *See adv index at end of book*
Nunn Brass Works (Inc.), Rochester, N. Y.
Ohio Grease Co. ("Ohio Triangle"), Soudonville, Ohio.
Ohio Injector Co. ("Chicago"), Wadsworth, Ohio
Pedersen Lubricator Co., 636 First av, New York

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Penberthy Injector Co. ("Penberthy," "Samson," "Saturn," "Silex," "Spring Lock"), 346 Holden av, Detroit, Mich.
Pioneer Brass Works, Indianapolis, Ind.
POWELL WM. CO. ("Parole," "Petrel," "Pilgrim," "Phoenix," "Planet," "Pinnacle," "Pointer," "Pluto," "Picket," "Puritan," "Polaris," "Penguin," "Signal" Oil Cups & "Coin," "Renown," "Bruno," "Bear," "Colonial," "Progress," "Popular," "Tiny," "Heather," "Thistle," "Sterling" Compression Grease Cups, "Mecca," "Mascot," "Mogul," "Mikado," Grease Cups, "Powell" Brass Oil Cups, "Mac," "Consort," "Vanguard"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
Scott J. E. Corp. Co., Columbus, O.
Sherman H. B. Mfg. Co. ("Premium," "Active" Brass), Battle Creek, Mich.
Sherwood Mfg. Co. ("Buffalo," "Niagara" & "Sherwood"), 1709 Elmwood, Buffalo, N. Y.
Springfield Brass Co. (Brass), Springfield, Ohio
Stahl Mfg. Co. ("Stahl's" Conical Base Iron Brass & Steel Grease Cups), 983 17th av, S E Minneapolis, Minn.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Sterling Machine & Stamping Co. ("Sterling"), Wellington, O.
Swift Lubricator Co. ("IXL," "Sachem," "Star" & "Sancho," Glass & Brass Oil Cups & Compression Grease Cups), Elmira, N. Y.
U. S. Metallic Packing Co., 221 N 13th, Phila., Pa.
Wadhams Oil Co. ("Wadhams" Grease Cups), 359 Clinton, Milwaukee, Wis.
Wahlstrom Tool Co. (Oil Cups), 5520 2d av, Brooklyn, N. Y.
Wilkinson W. H. Co., West Medway, Mass.
Williams D. T., Valve Co. ("Tacoma," "Tremont," "Tarrant," "Temple," "Topaz," Tandem," "Automatic Needle Valve," "Dandy," "Duke," "Duchess," "Dragon," "Diamond," "Dakota," "Terrier," "Trophy," "Derby," "Diana," "Dwarf" & "Dixie"), Cincinnati, O.

7638—Lubricators (Pneumatic)

7639—Lubricators (Rock Drill)

Ingersoll-Rand Co. ("Heart Beat"), 11 B'way, New York
See adv index at end of book

LUBRICATORS (ROCK DRILL)—cont.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7640—Lubricators (Sight Feed)

American Lubricator Co. ("Perfection," "Reliable" & "Crescent," Glass Body), Summit & Wabash Ry., Detroit, Mich.
Commonwealth Brass Corp., 5781 Commonwealth av & Ry., Detroit, Mich.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crescent Mfg. Co. ("Lackawanna," for Stationery Locomotive & Marine Engines), Scottdale, Pa.
Crescent Oil & Supply Co. ("Babcock" & "Kelly"), 303 N Level, St. Louis, Mo.
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
Detroit Lubricator Co. ("Detroit," "Zero," "Kid"), Detroit, Mich.
Essex G. B. Brass Co. 480 Franklin, Detroit, Mich.
Flower Walter L. Co. ("Ashton"), St. Louis, Mo.
Hall Mfg. Co. ("Hall's," "Bartow's"), Harrison, N. J.
Handlan-Buck Mfg. Co. ("Dibble"), 210-14 N 3rd, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
Jarecki Mfg. Co. ("Erie"), Erie, Pa.
Kelly & Jones Co. ("Westmoreland"), 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Auxiliary," "Premier," "Paragon," "Mars," "Paragon Duplex," "Paragon Triplex," "Banner," "Emblem," "Hercules," "Cupid," "Arctic," "Vulcan," "Beacon"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Boyden"), 55 John, New York
McRae & Roberts Co. ("Eureka," "Never Fail"), 100 S Campbell av, Detroit, Mich.
Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.
Manzel Bros. Co., 315 Babcock, Buffalo N. Y.
Michigan Lubricator Co. ("Michigan," "Cyclone," "Rural," "Duke," "Giant," "Hot Stuff," "Pepper Pod," etc), 3643 Beaubien, Detroit, Mich.
Nathan Mfg. Co. ("Nathan," "Volunteer," "Columbia"), 416 E 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Ohio Grease Co. ("Ohio" Grease), Lundonville, O.
Ohio Injector Co. ("Chicago," "Ohio"), Wadsworth, O.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Powell Wm. Co. ("Trojan," "Columbian," "Star," "Crescent," "Ensign," "Spartan"), Cincinnati, O. *See adv index at end of book*
Rich Mfg. Co. ("Phillips"), 370 Atlantic av, Boston, Mass.
Richardson-Phenix Co. ("R. P." Automatic Sight Feed Oil Pump), 131 2nd, Milwaukee, Wis.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Sherwood Mfg. Co. ("Buffalo"), 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Seibert"), 53 Oliver, Boston, Mass.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.
Swift Lubricator Co., Elmira, N. Y.
Wilkinson W. H. Co., West Medway, Mass.

7641—*Lubricators (Steam Engine)

LUNKENHEIMER CO. ("Senior," "Junior," "Graphite," "Major," & "Colonel"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCullough Mfg. Co., 2636 Central av, Minneapolis, Minn. *See adv index at end of book*

7642— Lubricators (Thread)

United Shoe Machinery Co. ("U. S. M. C.," Adapted to All Sewing Machines), 205 Lincoln, Boston, Mass.

7643— Lugs (Boiler)

Castle A. M. & Co. ("Drake-Castle Pressed Steel), 715 N Morgan, Chicago, Ill.
KUTZTOWN FOUNDRY & MACHINE CO. (Cast Iron), 1421 Chestnut, Phila., Pa. *See adv index at end of book*
Lukens Steel Co., Coatesville, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sanitary Co., Dept. H, Linfield, Pa.
Scully Steel & Iron Co. (Pressed Steel), 2364 S Ashland av, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3rd, Cincinnati, O.

7644— Lugs (Hinge)

Rieseck Iron Works (Wrought Steel for Steel Shutters), 1201 Metropolitan, Pittsburgh, Pa.

7645—Lugs (Rubber Covered)

Empire Tire & Rubber Co. ("Empire" for Motor Tires), Trenton, N. J.

7646— Lugs (Tank)

Bonney Forge & Tool Works, Allentown, Pa.
Baker Mfg. Co., Evansville, Wis.
Caldwell W. E. Co. ("Caldwell" Hoops, Lugs or Fasteners), Louisville, Ky.
Flint & Walling Mfg. Co., Kendallville, Ind.
Gillie Machine Co. (Round), Tonawanda, N. Y.
Gowanda Agricultural Works (Silo Lugs), Gowanda, N. Y.
Illinois Malleable Iron Co., 1801 Diversey pl, Chicago, Ill.
Imperial Bit & Snap Co., Racine, Wis.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
National Malleable Castings Co., 7706 Platt av, S E Cleveland, O.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Racine Tank Lug Co. (Malleable Iron, Round & Flat), Racine, Wis.
Snow T. W. Construction Co. ("Dupree"), 117 N, Dearborn, Chicago, Ill.
Stowell Co. The, S. Milwaukee, Wis.
Tecktonius E. C. Mfg. Co. (Malleable Iron, Also Kiln & Silo), Racine, Wis.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co. (Aso Silo), Wilmington, Del.

7647— Lugs (Terminal)

American Pin Co., Waterbury, Conn.
Barkelew Electric Mfg. Co., Middletown, Ohio
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co. (Cast Copper), Bridgeport, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter George Co., South Bend, Ind.
Dossert & Co., 242 W 41st, New York
Eby H. H. Mfg. Co., S. W., cor 13th & Wallace, Phila., Pa. *See adv index at end of book*
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Fargo Mfg. Co., Poughkeepsie, N. Y.
Frankel Connector Co., 177 Hudson, New York
French Mfg. Co., Waterbury, Conn.
General Devices & Fittings Co., 803 W Madison, Chicago, Ill.
Livermore H. F. Co., Cummington, Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Mendall Mfg. Co., New Bedford, Mass.
Metropolitan Engng. Co., 1250 Atlantic av, Brooklyn, N. Y.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Multi Electrical Mfg. Co. ("Multi" Soldering), 703 Fulton, Chicago, Ill.
Patton MacGuyer Co., 31 Mathewson, Providence, R. I.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Sherman Mfg. Co., H. B., Battle Creek, Mich.
States Co., 19 New Park av, Hartford, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
Worcester Elec. Mfg. Co., Worcester, Mass.

7648— Lumber (Artificial)

Keyes Products Co., 120 B'way, New York
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Lumber (Creosoted)

See Creosoting Works

7649— Lumber (Gypsum)

U. S. Gypsum Co. (Sheetrock Wall Board), 205 W Monroe, Chicago, Ill.

7650-1—Lumber (Kyanized)

Allen, Otis & Son Co., Lowell, Mass.
Brown Co., Portland, Me.

7652—Lumber Mfrs. (Cypress)

Abeles C. T. & Co., Little Rock, Ark.
Alderman D. W. & Sons Co., Alcolu, S. C.
Anderson Lbr. Corp., Marion, S. C.
Antrim Lumber Co., Wright bldg., St. St. Louis, Mo.
Ascension Red Cypress Co. (Ltd.) (Red), New Orleans, La.
Baker-Matthews Lumber Co., Bank of Comm. bldg, Memphis, Tenn.
Baker-Wakefield Cypress Co., Plattenville, La.
Baldwin Lumber Co., Ltd., Baldwin, La.
Barker-Bond Lumber Co., Inc., 405 Lexington av, New York
Basic Mfg. Co., Wilmington, Del.
Big Salkehatchie Cypress Co., Varnville, S. C.
Black River Cypress Co., Gable, S. C.
Bowie Lumber Co. (Ltd.), Bowie, La.
Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.
Burgan Wm. M., American bldg, Baltimore, Md.
Burton E. P. Lumber Co., Charleston, S. C.
Burton-Swartz Cypress Co. of Florida, Perry, Fla.
Butters Lumber Co., Boardman, N. C.
Byrne-Renfro Lumber Co., Kansas City, Mo.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Carter-Kelley Lumber Co., Manning, Tex.
Cotten Bros. Cypress Co. (Ltd.), Morgan City, La.
Cummer Cypress Co., Jacksonville, Fla.
Cummer Lbr. Co., Jacksonville, Fla.
Cummings-Moberly Cypress Co., Moberly, La.
Cypress Lumber Co. (Lumber & Shingles, Tanks & Vats), 88 Broad, Boston, Mass.
Darling J. W. Lumber Co., 2nd National Bank bldg, Cincinnati, O.
Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.
Dierks Lumber & Coal Co., Gates bldg, Kansas City, Mo.
Downman R. H., Hibernia bldg, New Orleans, La.
Edge-Dowling Lbr. Co., Groveland, Fla.
Everglade Cypress Co., Loughman, Fla.
Forest Lumber Co., R. A. Long bldg, Kansas City, Mo.
Garbutt A. G. Lbr. Co., Statenville, Ga.
Gates Lumber Co., Wilmar, Ark.
Gayoso Lbr., Dept. H, Memphis, Tenn.
Germain Co., Farmers Bank bldg, Pittsburgh, Pa.
Gilchrist-Fordney Co., Laurel, Miss.
Good Land Cypress Co., Hibernia bldg, New Orleans, La.
Gress Mfg. Co., Jacksonville, Fla.
Hanson Albert Lumber Co. (Ltd.), Garden City, La.
Hebard-Cypress Co., Scranton, Pa.
Hallowell & Souder (Jobbers), Harrison bldg, Phila., Pa.
Houma Cypress Co., Houma, La.
Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.
Juniper Lumber Co., Inc., Ivanhoe, N. C.
Kyle Lumber Co. (Ltd.), Franklin, La.
Lear W. H., 979 N Front, Phila., Pa.
Louisiana Cypress Lumber Co. (Ltd.) (Red), Harvey, La.
Luehrmann C. F. Hardwood Lumber Co., 150 Carroll, St. Louis, Mo.
Lutcher & Moore Cypress Lumber Co. (Ltd.), Lutcher, La.
Lyon Cypress Lumber Co. (Red Cypress), 208 S La Salle, Chicago, Ill.
Morley Cypress Co., Morley, La.
Napoleon Cypress Co. (Ltd.), Napoleonville, La.
Opdenweyer-Alcus Cypress Co., Sorrento, La.
Osceola Cypress Co., Bridge End, Fla.
Owl Bayou Cypress Co., Cincinnati, O.
Pawnee Land & Lumber Co., Pawnee, La.
Penn Lbr. Co., 1420H Chestnut, Phila., Pa.
Planters' Lumber Co. (Ltd.), Jeanerette, La.
Poitevent & Faure Lumber Co., L. & L. & G. bldg, New Orleans, La.
Putnam Lbr. Co., Jacksonville, Fla.
Ramos Lumber Co. (Ltd.), Ramos, La.
Riggs Cypress Co. (Ltd.), Patterson, La.
Ross Warren Lumber Co., Jamestown, N.Y. *See adv index at end of book*
Ruddock-Orleans Cypress Co., New Orleans, La.
St. Bernard Cypress Co. (Ltd.), Arabi, La.
Salmen Brick & Lumber Co., Ltd., Whitney bldg, New Orleans, La.
Savannah River Lumber Co., Savannah, Ga.
Scheve J. L. Lbr. Co., Dept. H, Hall & St. Louis av, St. Louis, Mo.
Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.
Seidel Julius Lumber Co., 2000 S Kingshighway, St. Louis, Mo.
SERFAS LUMBER CO., Drake bldg., Easton, Pa. *See adv index at end of book*
Smith A. B. Lumber Co., Paducah, Ky.
Standard Lbr. Co., Live Oak, Fla.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass. *See adv index at end of book*
Trimble Cypress Co., 508 Bell blk, Cincinnati, O.
Waddell-Williams Lbr. Co., Rhoda, La.
Wausau Southern Lumber Co., Wausau, Wis.
West Virginia Lumber Co., First National Bank bldg., Pittsburgh, Pa.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Wilbert's A. Sons Lumber & Shingle Co., Plaquemine, La.
Williams F. B. Cypress Co. (Ltd.), Patterson, La.
Williams Lbr. Co., Ponchatoula, La.
Wilson Cypress Co., Palatka, Fla.
Wilson & Cochran, Lottie, La.

7652a—Lumber (For Aeroplanes)

Acme Lumber & Shingle Co., 20 W Jackson blvd, Chicago, Ill.
Alcock John L. & Co., Munsey bldg, Baltimore, Md.
Chetham Lumber Co., 15 William, New York
Delatour A. J., 170 Cherry, New York
Dutton A. C., Lumber Corp., Springfield, Mass.
Mengel C. C. & Bros. Co., Louisville, Ky.
N. J. Veneer Co., Paterson, N. J.

Ross Warren Lumber Co., Jamestown, N.Y. *See adv index at end of book*
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
Sheip & Vandegrift, 814 W Lawrence, Phila., Pa.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

WARREN ROSS LUMBER CO.
Band Mill, Office and Yards
Jamestown, New York
Manufacturers and distributors of all kinds domestic and foreign hardwoods, complete stocks and prompt shipments from our yard here and direct shipments from mills in the North and South. Send us your inquiries and orders.

7653— Lumber

Star (*) denotes Manufacturers.
Dagger (†) denotes Inspectors & Shippers.
Section Mark (§) denotes Wholesale Dealers.
This is not an absolutely complete list of Lumber Manufacturers & Wholesalers. It is compiled for those who want to purchase lumber.

ALABAMA.

AIMWELL—Aimwell Lumber Co. (Saw Mill)
AKRON—Bonham Lumber Co. (Saw Mill)
Dent R. K. (Saw Mill)
Sharp W. N. & Sons (Saw Mill)
ALEXANDER CITY—*Stevenson J. M.
ALICEVILLE—*Sanders P. M. & Co., Dept. H.
ATMORE—*Carney W. M. Mill Co. (L. L. Yellow Pine)
AUTAUGAVILLE—*Whitewater Lumber Co.
BELLAMY—Allison Lumber Co. (Saw Mill)
BESSEMER—Edwards G. B. Lumber Co.
BIRMINGHAM—American Lumber & Export Co. (Yellow Pine)
Barnett Lumber Co.
†Iron City Lumber Co.
*§Jefferson Lumber Co.
*Jenkins Lumber Co. (Shingles, Lath & Planing Mill)
*Kaul Lumber Co. (Saw Mill, Yellow Pine, etc)
*Lathrop Lumber Co. (Yellow Pine)
Long V. W. Lumber Co. (Yellow Pine)
Standard Lumber Co.
BRANTLEY—*Bently Lumber Co.
BRENT—*Cahaba River Lumber Co.
BREWTON—Lovelace Lumber Co.
*McDavid Veneer Co.
*Miller T. R. Mill Co.
BUHL—*Deal Lumber Co. (Saw & Planing Mill)
BURNSVILLE—Blessed G. A. Lumber Co. (Saw & Planing Mill)
CARBON HILL—Guthrie B. B. (Saw Mill)
CARROLLTON—Kilpatrick S. F. (Saw Mill)
CENTERVILLE—Belcher W. E. (Saw Mills)
CHAPMAN—*Smith W. T. Lumber Co. (Saw & Planing Mills)
COAL FIRE—*Deal-Curtiss Lumber Co., Inc. (Saw & Planing Mills)
COFFEEVILLE—Nichols J. W. (Saw Mills)
COHASSET—*Foshee J. M. (Lumber & Saw Mill)
COXHEATH—*Coxheath Lumber Co. (Saw & Planing Mills)
CREOLA—Hatter T. A. & Son (Saw Mill)
EOLINE—Read D. A. (Saw Mills)
EPES—*Parrish Geo. T. Lumber Co. (Saw & Planing Mills)
EUTAW—Stuckey S. F. (Saw Mills)
EVA—Stewart, Wiley (Saw Mill)
EVERGREEN—King L. D. Lumber Co.
Shoemaker J. M. & Son (Saw Mills)
FALCO—*McGowin-Foshee Lumber Co. (Saw & Planing Mill)
FAYETTE—*Brown W. P. & Sons Lumber Co. (Saw Mill)
Southern Lumber Co.
FERNBANK—McDaniel J. L. Saw Mills
FLORENCE—§Schiff W. J. Lbr. Co. (Saw & Planing Mills)
FLORENCE—Muscle Shoals Lumber Co.
Schiff W. J. Lbr. Co. (Saw & Planing Mills)
FORT DEPOSIT—Norman M. R. (Saw Mills)
FOSHEE—Alger-Sullivan Lumber Co. (Saw Mill)
FULTON—*Scotch Lumber Co. (Yellow Pine)
GENEVA—*Geneva Mill Co. (Saw & Planing Mills)
GORDO—Carver J. M. (Saw Mill)
GUIN—*Kenney Basil E. Lumber Co. (Band & Planing Mill)
HEFLIN—Gaston S. B. (Saw Mill)
HULL—*Big Sandy Lbr. Co. (Saw & Planing Mill)
HUNTSVILLE—*Huntsville Lumber & Mfg. Co.
JACKSON—McGowen W. G. (Saw Mill)
Zimmerman C. W. Mfg Co. (Saw Mill)
JASPER—§Cleveland Lbr. Co. (Saw & Planing Mill)
KENNEDY—Holloman J. W., Saw & Planing Mill
KNOXWOOD—*Black Warrior Lumber Co. (Band & Planing Mill)
LAMISON—*Frost-Sibley Lumber Co.
LATHROP—*Lathrop Lumber Co. (Saw & Planing Mills)
LOCKHART—*Jackson Lumber Co. (Yellow Pine)
LUVERNE—Beal J. A. (Saw Mill)
McSHAN—*Melrose Lumber Co. (Saw & Planing Mill)
MAGAZINE—*Blacksher Co.
MANCHESTER—*Manchester Sawmills
MARION—Moundsville Lumber Co. (Saw Mill)
MELBOURNE—Crimm Bros. Lumber Co. (Saw & Planing Mill)
MOBILE—Barrett J. S. Lumber Co.
*Blacksher Co. (Yellow Pine & Saw Mill)
*Cameron J. D .& Son Co. (Lumber & Shingles)
Crichton Lumber Co. (Planing Mill)
*Gulf Shingle Co.
Hunter, Benn & Co. (Exporters)
*Lindsey Lumber Export Co.
Magazine Hardwood Sawmill Co.
Martin Taylor (Lumber & Timber)
§Paterson & Eddy Lumber Co. Inc.
*Robinson Land & Lumber Co. (Long Leaf Yellow Pine), Mills: Chicora, Miss.
*Sheip Jerome H., Inc. (Cigar Box Lumber)
*Vaughan H. C. Lumber Co. (Planing Mill)
MONTGOMERY—§Alabama Lumber Co. (Lath & Shingles)
*§Betty & Sons
§Flowers E. P. & Co.
§Southern Pine Lumber Co. (Yellow Pine)
§Vesuvius Lumber Co.
MOUNDVILLE—Howell J. E. (Saw Mill)
MOUNT VERNON—Mobile River Sawmill Co. (Planing Mill)
NADAWAH—*Nadawah Lbr. Co. (Saw & Planing Mill)
NEW DECATUR—Payne E. C. Lumber Co.
NORTHPORT—*Northport Lumber Co. (Saw & Planing Mill)
OAK GROVE—*Davis M. L. (Yellow Pine)
ORRVILL—Ellis L. P. & Son (Saw Mill)
PINE BELT—*Berry Reeves Lumber Co. (Planing Mill)
POLEY—*Miller Brent Lumber Co.
POLLARD—Lindsey Lumber Co.
PRENTICE—*King Lumber Co.
RAMER—Mills A. D. (Saw Mill)
REFORM—Harper M. I. (Saw Mill)
Graham & Cummins (Saw Mill)
*Holiday Lumber Co.
Jennings J. B. (Saw & Planing Mill)
Jones Lumber Co. (Saw Mill)
RIVER FALLS—§Horse Shoe Lumber Co. (Saw & Planing Mill)
SAMSON—*Baker Thos. N. Lumber Co.
SAWYERVILLE—*Brownlee-Lowry Co.
SELMA—*§Reid Lumber Co.
SHORTLEAF—*Mitchell W. G. Lumber Co.
*Wittel E. S. & Son
SILAS—*Choctaw Lumber Co.
STOCKTON—*McMillan Bros.
SULLIGENT—*§Kentucky Lumber Co.
SUNFLOWER—*Laubenthal Lumber Co.
SYLACAUGA—*Wisconsin-Alabama Lumber Co.
TALLADEGA—*Jackson-Tinney Lumber Co. (Saw & Planing Mill)
ber Co. (Saw & Planing Mill)
TALLASSEE—*Tallapoosa Lumber Co. (Saw Mill)
TUSCALOOSA—Copeland Bros Realty Co. (Saw Mill)
*Crabtree Lumber Co. (Saw Mill)
Henderson Land & Lumber So. (Saw & Planing Mills)
*Kaul Lumber Co.
Parker D. O. (Saw Mills)
Parker & Noel (Saw Mill)
Samuel Lumber Co. (Saw & Planing Mills)
VINEGAR BEND—*Vinegar Bend Lumber Co. (Yellow Pine)
VREDENBURGH—*Vredenburgh Sawmill Co.
WADLEY—Marbury Lumber Co. (Saw Mill)
WAGAR—*McClure Lumber Co. (Yellow Pine)
WARD—*Mitchell-Hughes Lumber Co.
WITUMPKA—*Lancaster-Johnson Lumber Co.
YORK—*Hodges R. R.
§Rumley C. & G (Saw Mills)
Wallace Lumber Co.

ARIZONA.

FLAGSTAFF—*Arizona Lumber & Timber Co.
Flagstaff Lumber Co. (Saw & Planing Mill)
Greenlaw Lumber Co. (Saw Mill)
GLENDALE—Peoples Standard Lumber Co.
NOGALES—§Roy & Titcomb
PHOENIX—Ryder H. W. (Saw Mill)
Valley Lumber Co.
PRESCOTT—§Head Lumber Co.
TUCSON—Corbett J. Knox Lumber Co.
Tucson Lumber Co.
WILLIAMS—Saginaw & Manistee Lumber Co.

ARKANSAS.

ALGOA—*Stringer R. L. (Saw Mill)
ALLENE—*Wright C W (Saw & Planing Mill)
ALLPORT—Brown Bros & Carnahan (Saw Mill)
ARKADELPHIA—*Arkadelphia Milling Co.
*Milliken, James Hardwood Lumber Co. (Saw Mill)
ARKANSAS CITY—Grayling Lumber Co. (Saw Mill)
Thane Lumber Co. (Saw & Planing Mill)
ARMOREL—*Wilson, Lee & Co. (Saw Mill)
BEARDEN—*Cotton Belt Lumber Co. (Yellow Pine)
Williams J. L. & Son (Saw Mill)
BEIRNE—Clark J. G. (Saw Mill)
BIGELOW—*Fourche River Lumber Co. (Long Leaf Yellow Pine)
BLISSVILLE—Bliss-Cook Oak Co. (Band Sawed White & Red Oak)
BLYTHEVILLE—*Chicago Mill & Lumber Co. (Branch of Chicago, Ill.)
*East Arkansas Lumber Co. (Branch of Paragould)
BRASFIELD—Brown W. P. & Sons Lumber Co. (Saw Mill)
BRINKLEY—Brinkley Car Works & Mfg. Co. (Saw & Planing Mills)
BROOKINGS—*Quellmalz Hy. Lumber & Mfg. Co. (See St. Louis, Mo.)
BURDETTE—§Three States Lumber Co. (Saw & Planing Mill)
CALICO ROCK—Wood James H. (Saw & Planing Mills)
CALION—*Forrest City Box Co. (Saw Mill)
CAMDEN—*Tate & Fearing (Saw Mill)
CARGILE—*Loutre Lumber Co. (Shingles)
CROSSETT—*Crossett Lumber Co. (Yellow Pine)
DELIGHT—*Delight Lumber Co.
DE QUEEN—*Missouri Lumber Co. (Saw & Planing Mill)
DERMOTT—Dermott Land & Lumber Co.
Fee-Crayton Hardwood Lumber Co. (Oak, Ash, Hickory, Walnut, etc.)
DIERKS—Dierks Lumber & Coal Co. (Saw Mill)
EAGLE MILLS—*Eagle Lumber Co. (Yellow Pine)
EARL—*Crittenden Lumber Co.
§*Whitman C. T. Lumber Co. (Saw Mill)
ELAINE—Mosby H. W. (Saw Mill & Gin)
EL DORADO—*Eldorado Lumber Co.
Eldorado Sawmill Co.
ELLIOTT—Arnold J. T. (Saw & Planing Mill)
FAYETTEVILLE—Northwest Arkansas Lbr. Co.
FORDYCE—Doster & Hamilton (Yellow Pine)
Fordyce Lumber Co. ("Yellow Pine)
*Hampton Stave Co.
FORREST CITY—Forrest City Box Co.
FORT SMITH—*Dyke Bros.
FURTH—Brown Bros. & Carnahan (Saw Mill)
GLENWOOD—Clark A. L. Lumber Co. (Yellow Pine)
GRAYSONIA—*§Ozan Graysonia Lumber Co. (Saw & Planing Mills)
HELENA—Denison J. W. Co. (Saw Mill)
Fathauer Theo. Co. (Saw Mill)
§Helena Hardwood Lumber Co. (Saw Mill)
*Kurz-Downey Co. of Arkansas (Saw & Planing Mill)
McDonald Bros. (Hardwood)
*Penrod-Jurden & McCowen (Saw Mill)
Sampson T. H. (Amberwood)
HETH—*Bonner J. H. & Sons (Saw Mill)
HOPE—*Hope Lumber Co. (Yellow Pine)
HOT SPRINGS—§Missouri Lumber Co. (Saw & Planing Mill)
HUNTER—Southern Drainage & Lumber Co. (Saw Mill)
HUTTIG—*§Union Saw Mill Co. (Saw & Planing Mill)
JENNIE—Jones & Dunn (Saw Mill)
JONESBORO—§Portia Lumber Co. (Saw & Planing Mills)
JUNCTION CITY—*Cornie Stave Co.
KELSO—Jerkins Bros. (Saw Mill)
KENSETT—Doniphan Lumber Co. (Yellow Pine) (Office, Kansas City, Mo
KERLIN—Davis J. L. & D. M. (Saw & Planing Mills)
KING—*§King Sawmill Co. (Saw & Planing Mills)
LEWISVILLE—*Burton Lumber Co. (Saw & Planing Mills)
LITTLE ROCK—*Abeles C. T. & Co. (Yellow Pine, Cypress Lumber, Moulding, etc.)
*Arkansas Cypress Shingle Co. (Shingles)
Arkansas Soft Pine Bureau (Arkansas Soft Pine Satin-Like Interior Trim)
§*Brown & Hackney, Inc. (Saw Mill)
*Ferguson C. E. Saw Mill (Yellow Pine & Red Cypress)
Little Rock Lumber & Mfg. Co. (Saw Mill)
*Neimeyer A. J. Lumber Co.
McNEIL—*Graves Bros. Lumber Co. (Saw & Planing Mills)
MADISON—*Wheeler J. W. & Co. (Hardwood)
MALVERN—Ark. Land & Lumber Co. (Yellow Pine & Ark. Soft Pine)

ARKANSAS—Malvern—continued
*Moline Lumber Co. (Saw & Planing Mills)
Wisconsin & Arkansas Lumber Co. (Yellow Pine & Soft Pine)
MARIANNA—*Kershaw W. F.
*Miller Lumber Co.
MARKED TREE—§Chapman & Dewey Lumber Co. (Saw Mills)
*Pierce Lumber Co. (Saw Mill)
MENA—*Watkins Lumber Co.
MILLVILLE—*Freeman-Smith Lumber Co. (Yellow Pine)
*McIntyre Lumber Co. (Southern Hardwood)
NASHVILLE—*Allen Lumber & Box Co. (Saw & Planing Mills)
NEWPORT—Newport Lumber Co.
OLIVER—Thomas-Huycke Co. (Yellow Pine)
PARAGOULD—*East Arkansas Lumber Co.
PARKIN—Lansing Co. (Saw & Planing Mills)
Northern Ohio Cooperage & Lumber Co. (Saw Mill)
PERLA—*Malvern Lumber Co. (Yellow Pine)
PINCKNEY—*Columbia Hardwood Lumber Co. of Arkansas (Saw Mill)
PINE BLUFF—Arkansas Short Leaf Lbr. Co. (Saw & Planing Mills)
*McIntyre J. F. & Sons (Southern Hardwoods)
PLAINVIEW—*Fort Smith Lumber Co. (Short Leaf Yellow Pine)
PRESCOTT—Ozan Lumber Co. (Yellow Pine)
PROCTOR—*Brown G. O. & Co. (Saw Mill)
READER—Valley Lumber Co. (Ark.), (Soft Pine, Yellow Pine)
ROSBORO—*Caddo River Lumber Co. (Saw & Planing Mills)
SMITHTON—Clark County Lumber Co. (Saw Mill)
STAMPS—*Bodcaw Lumber Co. (Yellow Pine)
STUTTGARTT—Hammons Land & Lumber Co. (Saw Mill)
TEXARKANA—Buchanan Wm. (Lumber Broker)
*Four States Lumber Co.
Grant Timber & Mfg. Co.
*Southern Pine Lumber Co. (Yellow Pine Mixed Cars a Specialty)
THORNTON—*Stout Lumber Co. ("Yellow Pine)
TRUMAN—Poinsett Lumber & Mfg. Co. (Saw Mill)
URBANA—*Junction City Lumber Co. (Saw & Planing Mills)
WABASH—§*Howe Lumber Co. (Saw & Planing Mills)
WALDRON—Scott County Land & Lumber Co. (Saw & Planing Mills)
WALDSTEIN—Waldstein Lumber Co. (Saw Mill)
WALNUT RIDGE—Muse R. L. (Saw Mill)
WARREN—*Arkansas Lumber Co. The (Pine & Hardwood)
*Bradley Lumber Co., The (Yellow Pine)
*Southern Lumber Co. (Yellow Pine)
Warren Stave Co. (Saw Mill)
WESSON—*Edgar Lumber Co. (Yellow Pine)
WILLOW—*Liberty Lumber Co. (Saw & Planing Mills)
WILMAR—*Gates Lumber Co. (Yellow Pine & Hardwood, Car Oak Stock), Dept. H.
WILSON—*Wilson Lee & Co. (Saw Mill)
WOMBLE—Black Springs Lumber Co. (Saw Mills)
WYNNE—Wynne Stave Co. (Staves).

CALIFORNIA.

ALBION—*Albion Lumber Co. (Redwood Lumber, Shingles & Ties)
ANTIOCH—Antioch Lumber Co. (Saw & Planing Mills)
AUBERRY—§Dawn Lumber Co. (Saw Mill)
BAKERSFIELD—Union Lumber Co.
BAYPOINT—Smith C. A. Lumber Co. Planing Mill)
BERKELEY—*Bruce Lumber & Mill Co.
§Hunter Lumber Co.
BLAIRSDEN—Davies Box & Lumber Co. (Saw & Planing Mills)
BODEGA—Joy T. B. (Saw Mill)
BOULDER CREEK—California Timber Co. (Saw Mill)
Southern Lumber Co. (Saw Mill)
BRAY—Bray Lumber & Box Co. (Saw & Planing Mills)
Moon-Williams Lumber Co. (Saw Mill)
BULWINKLE—*Little River Redwood Co. (Redwood) (See No. Tonawanda, N. Y.)
CAMINO—Danaher R. E. Co. (Saw & Planing Mills)
CASPAR—*Caspar Lumber Co. (Redwood Ties & Shingles)
CASTELLA—§Burns M. A. Lumber Co. (Saw & Planing Mills)
CHICO—*Diamond Match Co.
CLIO—Clio Lumber Co. (Saw & Planing Mills)
CLOVIS—Fresno Flume Lumber Co. (Saw & Planing Mills)
DIAMOND SPRINGS—California Door Co. (Saw & Planing Mills)
DORRIS—Dorris Lumber & Box Co. (Planing Mills)
Evans Creek Lumber Co. (Saw Mill)
Welter Lumber Co. (Saw Mill)
DUNCANS MILLS—*Duncan's Mills Land & Lumber Co.
ELK—Goodyear Redwood Co. (Saw & Planing Mills)
EUREKA—Bayside Lumber Co.
*Burns M. A. Mfg. Co. (Saw Mill)
*Dolbeer & Carson Lumber Co. (Redwood Lumber & Shingles)
Holmes Eureka Lumber Co. (Redwood) (Saw & Planing Mills)
*McKay & Co. (Redwood Lumber & Shingles)
FALK—Elk River Mill & Lumber Co. (Saw & Planing Mills)
FORT BRAGG—Glen Blair Redwood Co. (Saw & Planing Mills)
Union Lumber Co. (Redwood Lumber, Shingles & Ties)
FRESNO—Fresno Lumber Co.
*Hollenbeck Bush Planing Mill Co.
Valley Lumber Co.
GAZELLE—Schmitt Bros. (Saw Mill)
GILROY—*Whitehurst & Hodges
GRASS VALLEY—Fowler Charles S. (Saw Mill)
GUALALA—American Redwood Co. (Saw Mill)
HALF MOON BAY—Borden Chas. W. (Saw Mill)
Hatch A. S. Lumber Co. (Saw & Planing Mills)
IGERNA—Penoyar Lumber Co. (Saw Mill)
KORBEL—Northern Redwood Lumber Co.
LA MOINE—La Moine Lumber & Trading Co. (Saw & Planing Mills)
LOS ANGELES—§Blinn L. W. Lumber Co.
Consolidated Lumber Co.
Engstrum F. O. Co. (Planing Mill), 500 Seaton
§San Pedro Lumber Co.
§Stanton E. J. & Son
§Western Hardwood Lumber Co.
§Wood E. K. Lumber Co.
Woodlead Lumber Co. (Planing Mill)
McCLOUD—McCloud River Lumber Co. (Saw & Planing Mills)
MADERA—Madera Sugar Pine Co. (Saw & Planing Mills)
MENDOCINO—*Mendocino Lumber Co.
MERCED—Yosemite Lumber Co. (Saw & Planing Mills)
METROPOLITAN—*Metropolitan Redwood Lumber Co. (Redwood Shingles, etc)
MOHAWK—Mohawk Lumber Co. (Saw & Planing Mills)
MOUNT HEBRON—Johnson-Pollock Lumbre Co. (Saw & Planing Mills)
Mt. Hebron Lumber Co. (Saw Mill)
NAVARRO—Navarro Lumber Co. (Saw & Planing Mills)
NORTH FORK—Peckinpah Lumber Co. (Saw Mills)
NORTHWESTERN—Northwestern Redwood Co. (Saw & Planing Mills)
OAKLAND—*Coos Bay Lumber Co.
Strable Mfg. Co. (Hardwood Lumber Hardwood Flooring & Veneered Panels only), 511 1st
§Sunset Lumber Co.
OCCIDENTAL—*Meeker M. C.
OROVILLE—*Swayne Lumber Co. (Box shooks, Saw & Planing Mills)
PASADENA—Blinn L. W. Lumber Co.
Kerckhoff-Cuzner Lumber Co.
PESCADERO—Campbell Redwood Lumber Co. (Saw Mill)
PITTSBURGH—Redwood Manufacturers Co. (Redwood Lumber, Air Dried)
PLACERVILLE—*Blair J. & J. Lumber Land Co.
PORTOLA—Feather River Lumber Co. (Saw & Planing Mills)
POINT ARENA—*White L. E. Lumber Co. (Redwood, Sugar Pine & Cal. White Pine.)
REDDING—Keen C. C. (Saw Mill)
SACRAMENTO—Friend & Terry Lumber Co.
*Homestead Lumber Co.
*Sacramento Lumber Co.
SAN BERNARDINO—Suverkrup John
SAN DIEGO—Benson Lumber Co. (Saw & Planing Mills)
Russ Lumber & Mill Co.
§San Diego Lumber Co. (Redwood Lumber & Shingles)
SAN FRANCISCO—Acme Lumber Co., 6th & Channel
Albion Lumber Co. (Redwood Lumber), 582 Market
§Byxbee & Clark Co. (Redwood & Pine), Balboa bldg
California-Oregon Lumber Co., 112 Market
§California Sugar & White Pine Co., 1st National Bank bldg
Caspar Lumber Co., Hobart bldg
Christian Lumber Co., 1950 3rd
*Dieckmann Hardwood Co. (West Coast Mahogany, Spanish Cedar,) 350 Beach
Dodge E. J. Co., 16 California
*Doe Frank P. Lumber Co., 16 California
*Dolbeer & Carson Lumber Co., Redwood Lumber & Shingles), Merchants' Exch. bldg
§Dollar Robert Co., 230 California
Duebel Chas. & Co. (Planing Mill), 224 1st
Duncan's Mills, Land & Lumber Co., 112 Market
§Fifield E. L., Monadnock bldg
Gardiner Mill Co., 16 California
§Glen Blair Redwood Co., Monadnock bldg
*Gray's Harbor Commercial Co. (Fir, Spruce & Red Cedar Lumber & Shingles), Ft. of 3rd
Great Western Lumber Co., 268 Market
*Hammond Lumber Co., 260 California
§Hammond W. A. Co., 112 Market
§Hanify J. R. Co. (Redwood), 24 Market
§Hendrickson Lumber Co. (Pine & Redwood)
Higgins Lumber Co., 423-6 112 Market
*Hobbs, Wall & Co. (Redwood Lumber), Fife bldg.
§Little River Redwood Co., 112 Market
*Loma Prieta Lumber Co., New Bank bldg
§McCullough Lumber Co., 112 Market
§McFaul-Perkins Co. (Redwood & Pine), Chronicle bldg
McKay & Co. (Redwood Lumber & Shingles), 311 California
MacArthur & Kauffman (Red Cedar & Pine), 461 Market
*Mendocino Lumber Co., Crocker bldg
§Nelson Chas. Co. (Redwood, Pine Shingles, Posts, etc), 230 California
Niehaus E. F. & Co. (Hardwood), 564 Brannan
§Olson & Mahoney Lumber Co., 5th & Channell
*Pacific Lumber Co. (Redwood, Pine & Shingles), Hobart bldg
*Pope & Talbot (Lumber, Timber, Piles, Spars, etc), ft of 3rd
*Port Blakeley Mill Co., 351H California
*Puget Mill Co. (Fir Lumber, Spars & Piles), Mills: Port Gamble, Wash., & Port Ludlow, Wash
§Redwood Export Co., 260 California
Redwood Mfrs. Co. (Redwood), Hobart bldg
RICHARDS HARDWOOD LUMBER CO., (American & Australian Hardwood Lumber, Ship Timber, etc.), 480-486 Brannan
Richardson Co., 320 Market
Sacramento Timber & Box Co., 268 Market
St. Helens Lumber Co. (Fir)
§San Diego Lumber Co. (Redwood Lumber & Shingles)
§San Pedro Lumber Co., 110 Market
§Schouten J. W. & Co. (Redwood, Pine Lumber & Shingles), 738 Bryant
§Sierra Nevada Wood & Lumber Co. (Pine, Spruce & Fir)
§Slade S. E. Lumber Co. (Pine & Spruce), 112 Market
§Spanish Peak Lumber Co. (Pine & Spruce), 1st Nat'l Bank bldg
§Stockton A. L. Lumber Co., Merchants, 6130 Mission
Tacoma Mill Co. (Douglass Fir, Oregon Pine, Plank Timber, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Red Cedar Shingles, etc), 310 Sansom. Works, Tacoma, Wash.
§Truckee Lumber Co. (of S. F.), First National Bank bldg
§Union Lumber Co. (Ties, Poles & Redwood, Crocker bldg
§Valley Lumber Co. 110 Market
Van-Ashdale-Harris Lbr. Co., Dept. H, 5th & Brennan
Vance J. W. & Co. (Redwood & Fir), 214 Front
Wendling Nathan Co., 110 Market
§White Bros. (Hardwood Importers & Dealers), 5th & Brannan
§White L. E. Lumber Co. (Redwood Lumber, Ties, Posts & Tan Bark), Balboa bldg
Wilson Bros. & Co., 110 Market
*Wood E. K. Lumber Co. (F'r & Spruce), 112 Market
SANGER—*Sanger Lumber Co.
SAN JOSE—*Chase S. H. Lumber Co. (Lumber & Saw Mill)
*Glenwood Lumber Co. (Lumber & Mill Work)
Hubbard & Carmichael Bros. (Lumber)
*Santa Clara Valley Mill & Lumber Co. (Lumber & Mill Work)
SANTA ANA—Griffith Lumber Co.
Pendleton Lumber Co.
SANTA BARBARA—*Union Mill Co. (Planing Mill)
SANTA CRUZ—*Hihn F. A. Co.
Loma Prieta Lumber Co. (Saw & Planing Mills)
*San Vincent Lumber Co. (Saw & Planing Mills)
SCOTIA—*Pacific Lumber Co. (Redwood, Pine & Shingles)
SLOAT—Sloat Lumber Co. (Saw & Planing Mills)
SONORA—*Standard Lumber Co.
STIRLING CITY—Diamond Match Co., (Saw & Planing Mills)
Thatcher F. M. (Saw & Planing Mills)
SUSANVILLE—*Diamond Mountain Lumber Co. (Saw & Planing Mills)

TUALUMNE—West Side Lumber Co. (Saw & Planing Mills)
WEED—Weed Lumber Co. (Saw & Planing Mills)
WESTPORT—Pollard Lumber Co.
WESTWOOD—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Dover Stock & Box Shooks)
WILLITS—Irvine & Muir Lumber Co. (Saw Mill)
WILMINGTON—§Consolidated Lumber Co.

COLORADO.

ARBOLES—Candelaria-Fowles Timber Co. Co. (Western Soft Pine)
COLORADO SPRINGS—Crissey & Fowler Lumber Co.,
Newton Lumber & Mfg. Co.
DENVER—§Continental Tie & Lumber Co.
English R. W. Lumber Co.
Farrar & Guy, 312 Quincy B
Feather River Lumber Co., Chamber of Commerce bldg
*Fleming Bros. Lumber Co.
Hallack & Howard Lumber Co.
†McPhee & McGinnity Co.
§Oregon Lumber Co.
Pagosa Lbr. Co.
Salzer B. F. Lumber Co., Idaho & Virginia av
FRASER—‡Stevens-Barr Timber & Lumber Co. (Saw & Planing Mills)
GREELEY—Mayher Wm. Lumber Co.
GUNNNISON—Edner Lumber Co. (Saw & Planing Mills)
PAGOSA SPRINGS—§Pagosa Lumber Co.
PUEBLO—§King Investment & Lumber Co.
†Newton Lumber & Investment Co.
STEAMBOAT SPRINGS—Sarvis Timber Co. (Saw & Planing Mills)
TABERNASH—Tabernash Lumber Co. (Saw & Planing Mills)
TRINIDAD—Davis O. L. Lumber Co.

CONNECTICUT.

AVON—Woodford H. W.
BRIDGEPORT—*§Burritt A. W. Co.
Miller Frank Lumber Co. (Saw Mill)
Park City Lumber Co.
West End Lumber Co.
HARTFORD—Capitol City Lumber Co.
*Conn. Valley Lumber Co.
§Harlow Lumber Co.
§Hartford Lumber Co. (Pine, Hardwood, Shingles, etc)
Taylor Edwin Lumber Co.
HAZARDVILLE—Bridges Amos D. Sons (Saw & Planing Mills)
MERIDEN—Bishop Dexter L. Co. (Saw Mills)
§Lyon & Billard Co.
NEW HAVEN—§Connecticut Box Co. (Lumber & Shooks, etc)
§De Forest & Hotchkiss Co., 115 Water
Fogg Ezra D. Co.
Hartshorn F. E.
§Lampson Lumber Co. (Spruce, Southern Pine, Cypress)
*New Haven Saw Mill Co. (Southern Pine)
NEW LONDON—§Chappell F. H. & A. H. Co.
*Raymond & Alexander Lumber Co. (Saw Mill, Ties, Poles, Timber, etc)
NORWICH—Potter A. L. & Co. (Saw Mill)
STAMFORD—§Getman & Judd Co.
TORRINGTON—*Wadhams F. L. & Sons (Saw Mills)
WALLINGFORD — Wallingford Lumber Co.
WATERBURY—Brass City Lumber Co.
City Lumber & Coal Co., 590 W Main
§Tracy Bros. Co.
Waterbury Lumber Co., 107 Meadow
WESTFORD—Barlow A. G. & Son
WEST HAVEN—Richards H. H. Lumber Co.
WILLIMANTIC—Hillhouse & Taylor
WINSTED—*Bronson Bros.
Burwell J. C.
Tiffany & Pickett Co. (Saw Mill)

DELAWARE.

DAGSBORO—Gray E. W. Lumber Co.
LEWES—Arnell Robt.
Ingram A. P.
MILFORD—Milford Lumber Co.
NEW CASTLE—Eliason J. T. & L. E.
WILMINGTON—Basie Mfg. Co.
§Bush J. D. & Co. (Yellow Pine, etc)
§Canby Hy. M. (White & Yellow Pine), Hardwoods, etc)
*Catlin R. H. Co.
Corbin R. H.
§Cranston John A. Lumber Co.
Diamond Lumber Co.
*Kent Lindley C. Co.
Simmons S. G. & Bros. Co.

DISTRICT OF COLUMBIA.

WASHINGTON—*Johnson & Wimsatt (N. C. Pine), 1212 Water, S W

FLORIDA.

APALACCHICOLA—Cypress Lumber Co. (Saw & Planing Mills)
APOPKA—*Consumers Lumber & Veneer Co. (Saw & Crate Mills)
AVERTINA—§*Lindsay Lumber Co. (Saw & Planing Mills)
BONIFAY—*Babois Lumber Co. (Saw & Planing Mills)
BOYD—*Weaver-Loughridge Lumber Co.
BRIDGE END—Osceola Cypress Co.
BROWNVILLE—Russ Z. (Saw Mill)
CARYVILLE—*Henderson-Waits Lumber Co. (Saw & Planing Mills)
CENTRALIA—*Central Cypress Co.
CENTURY—*Alger-Sullivan Lumber Co. (Yellow Pine)
CITRA—Williams J. R. (Saw Mill)
DE FUNIAK SPRINGS—*Beach, Rogers & Co.
Walton Land & Timber Co.
DOWLING PARK—Park Lumber Co. (Saw Mill)
DUPONT—*Dupont Land Co.
EAST PALATKA — *Browning Lumber Co. (Saw Mill)
EASTPORT—*Brooks-Scanlon (Saw & Planing Mills)
EHREN—Ehren Pine Co. (Saw Mill)
ENVILLE—Denton Lumber Co. (Southern Yellow Pine)
EUGENE—*§Wade Lumber Co. (Saw Mill)
FERNANDINA—
*Florida Pitch Pine Lumber Co.
FREEPORT—McGaskill J. J. Co. (Saw Mills)
FT. MYERS—*Phoenix Lumber Co. (Long Leaf Yellow Pine), Dept. H
GAINESVILLE—*Brown Bros. Co.
*Lumber Mfg. Co. (Saw Mill)
*Phifer W. B. Co. (Saw Mill)
GLENWOOD—* Bond Lumber Co. (Saw Mills)
GREEN COVE SPRINGS—Alworth F. C. (Saw Mill)
GREER—*Greer J. L. (Saw Mill)
GROVELAND—Edge-Dowling Lumber Co. (Saw Mill)
HAMPTON SPRINGS—Rock Creek (Lumber Co. (Southern Yellow Pine)
HELEN—*Helen Lumber Co. (Saw & Planing Mills)
HOPKINS—Union Cypress Co. (Cypress)
HOSFORD—*Graves Bros. Co. (Saw & Planing Mills, & Yellow Pine)
INVERNESS—*West & Reaves Lumber Mills
JACKSONVILLE — Corse, Montgomery (Shingle Mill)
*Cummer Lumber Co. (Long Leaf Yellow Pine), H, St. James bldg
*Florida Pine Co.
Gress Mfg. Co.
Hirsch Lumber Co.
Putnam Lbr. Co.
Sax Alfred R. Lumber Co. (Branch of New York City)
*Sizer Robt. R. & Co. (Branch of New York City)
LAKE HELEN—*Bond E. W. Co. (Saw Mill)
LAKEWOOD—*Britton Lumber Co. (Yellow Pine)
LEBANON—*King R. M. Lumber Co. (Saw Mill)
LIMESTONE—Limestone Mfg. Co., (Saw Mill)
LIVE OAK—Sttandard Lumber Co. (Southern Yellow Pine & Cypress)
LONGWOOD—*Dinkel J. S. (Saw Mill)
LOUGHMAN—Everglade Cypress Co. (Saw & Planing Mills)
LUKENS—*Tilghman Cypress Co. (Saw & Planing Mills)
MADISON—*West Yellow Pine Co. (Saw & Planing Mills)
MANATEE—Manatee Lumber Co. (Saw & Planing Mills)
MARIANA—*Jarratt Lumber Corp. (Saw Mill)
MARTIN—*Martin Crate Co. (Saw Mill)
MAYO—Elsberry Bros. & Miller Saw Mill)
MAYTOWN—Maytown Lumber Co. (Saw Mill)
MEREDITH—McEachern-McNair Lumber Co. (Saw Mill)
MIAMI—Lindsay Lumber Co.
MILLVIEW—Perdidq Lumber Co. (Saw Mill)
MOLINO—Jacobi Lumber Co. (Saw & Planing Mills)
MORRISTON—*Morrison D. B. Co.
MUSCOGEE—*Southern States Lumber Co. (Yellow Pine)
NOCATEE—*King Lumber & Mfg. Co.
NOMA—*Alabama & Florida Lumber Co. (Saw Mill)
OCALA—*Ocala Mfg. Co.
ODESSA—Lyon Lumber Co. (Saw Mill)
PACE—*Escambia Mill Co. (Saw Mill)
PALATKA—*Porter Bros. (Saw & Planing Mills)
*Selden Cypress Door Co. (Cypress)
*Wilson Cypress Co. (Cypress Lumber, Siding, Shingles, etc)
PAXTON—*Florala Saw Mill Co. (Saw & Planing Mills)
PENSACOLA—*Baars H. & Co. (Pitch Pine)
*Duval Lumber Co. (Saw Mill)
*Nobles R. E. & Son (Shingle Mills)
*Pensacola Lumber & Timber Co. (Pitch Pine Exporters)
Runyan & Co. (Saw Mill)
*Southern States Lumber Co.
PERRY—Burton-Swartz Cypress Co. of Fla. (Cypress Lumber & Shingles)
PLANT CITY—Warnell Lumber & Veneer Co.
PORT ST. JOE—Calhoun Timber Co. (Saw Mill)
PRINCETON—Drake Lumber Co. (Saw Mill)
RODMAN—*Rodman Lumber Co. (Saw Mill)
SAPP—*Goethe Lumber Co. (Saw & Planing Mills)
SORRENTO—Battle Lumber Co. (Saw Mill)
SPRINGDALE—*Taylor County Lumber Co. (Saw Mill & Planing Mills)
SUMNER—*Cummer Cypress Co.
TALLAHASSEE—Tallahassee Lumber Co. (Saw & Planing Mills)
TAMPA—§Landeck Lumber Co. (Saw & Planing Mills)
Southern Lumber & Sup. Co. (Planing Mill)
TARPON SPRINGS—*Alderman J. W. (Saw Mill)
TRENTON—*Wade & Bell (Timber)
WATERTOWN—*East Coast Lumber Co. (Saw Mill)
WEST PALM BEACH—Lainhart & Potter
WILDWOOD—*McRainey & Bridges (Saw Mill)
WILLISTON—Long Pasley Lumber Co. (Saw & Planing Mills)
WIMAUMA—*Brown Shingle Co.

GEORGIA.

ACREE—Tyson & Stubbs (Saw Mill)
ADAIRSVILLE—*Cedar Springs Mfg. Co. (Saw Mill)
ALAPAHA—*Pine & Cypress Co. (Saw & Planing Mills)
ALLENHURST—*Dunlevie Lumber Co.
ALBANY—Albany Planing Mill (Planing Mill)
*Reynolds Bros. Lumber Co. (Saw Mill)
ASHBURN—*Ashburn Lumber Co.
ATHENS—Moss R. L. Mfg. Co. (Planing Mills)
ATKINSON—Atkinson Mill Co. (Saw Mill)
ATLANTA—Cleveland-Osconee Lbr. Co.
Cleveland-Osconee Lbr. Co.
§Lake Frank G.
§Lowe E. E. & Co., Fourth Nat'l Bank bldg
Pattillo Lumber Co.
§Smith & Simpson Lumber Co.
§West Lumber Co.
Willingham-Tift Lumber Co.
§Zuber J. W.
AUGUSTA—*Augusta Lumber Co. (Long Leaf Yellow Pine)
*Beech Is. Lumber Co. (Saw Mill)
*Perkins Mfg. Co. (Yellow Pine)
Perkins Sash & Door Co. (Planing Mill)
*Woodward Lumber Co. (Yellow Pine)
AUTREYVILLE—*Autrey D. A. & Son (Saw Mill)
BABCOCK—Babcock Bros. Lumber Co. (Saw Mill) (Branch of Pittsburgh, Pa.)
BAINBRIDGE—§Rampsey-Wheeler Co.
§Flint River Lumber Co. (Planing Mill)
BLAKELY—Blakely Hardwood Lumber Co. (Saw Mill)
BLUNDALE—*Emanuel Farm Co. (Saw Mill)
BOSTON—*Kirby Planing Mill Co. (Saw Mill)
BOWDON—*Fowler W. J. (Saw Mill)
*King C. W. (Saw Mill)
BOYDVILLE—*Boyd Lumber Co. (Saw & Planing Mills)
BROOKS—*Peeples J. W. (Saw Mill)
BRUNSWICK—*American Tie & Timber Co. (Yellow Pine & Cypress Ties, Poles & Posts)
*Bladen Tie & Lumber Co.
*Camden Lumber Co. (Saw Mill)
Savannah River Lumber Co. (Saw Mill)
Trant Jno. H. Jr. (Saw Mill)
CAMAK—Wilson W. S. Lumber Co. (Saw & Planing Mills)
CARTERSVILLE—*Rhyne Bros. Lumber Co.
CECIL—*Bray J. N. Lumber Co. (Saw Mill)
CEDARTOWN—*Hightower Planing Mills (Planing Mills)
CHALKER — *Cleveland-Oconee Lumber Co. (Saw Mill)
COLUMBUS—*Cooper Lumber Co. (Saw & Planing Mills)
CONYERS—*Hamilton J. A. & Sons (Saw Mill)
CRAWFORDVILLE—*Malcom A. G. Bro. & Co. (Saw Mills)
White & Hamilton Lumber Co. (Saw & Planing Mills)
CYRENE—*Hodges C. S.
DACULA—*Pharr G. F. (Saw Mill)
Strickland L. E. (Saw Mills)
DALTON—*Cherokee Mfg. Co.
*Farrar Lumber Co. (Yellow Pine, Brackets, Blocks & Mill Finish)
DUBLIN—Dublin Lumber Co. (Saw & Planing Mills)
ELLIJAY—§Shippen Bros. Lumber Co.
EUGENE—*Phillips Lumber Co. (Saw Mill)
FAIRPLAY—*Malcom B. H. & Bro. (Saw Mill)
FENDIG—*McKinnon L. T. & Co. (Saw Mill)
GODFREY—Beam Lumber Co. (Saw & Planing Mills)
GRADYVILLE—*Kelley-Clark Lumber Co. (Saw & Planing Mills)

GEORGIA—continued
HAWKINSVILLE—*McEachern W. D. Lumber Co.
Standard Lumber Co. (Saw & Planing Mills)
JEFFERSONVILLE—Gettys M. E. Lumber Co. (Saw Mill)
KATHLEEN—*Davis J. H. & Son (Saw Mill)
LAWRENCEVILLE—Jackson C. P. (Saw Mill)
*Williams Lumber Co.
LELA—*Chattahoochee Lumber Co.
LETFORD—*Tuten W. G. (Saw Mill)
LUMPKIN—Alexander & Bland (Saw Mill)
LYONS—Jones & Alexander (Saw Mill)
Thompson J. L. (Saw Mill)
MACON — *Case-Fowler Lumber Co. (Hardwood)
*Central Mfg. Co.
*Jenkins J. W. (Saw Mill)
*Massee & Felton Lumber Co. (Gum, Oak, Hickory, Ash, Elm, Maple, Poplar & Sycamore)
*Sibley Lumber Co. (Saw Mill)
MADISON—Morgan Lumber Co. (Saw & Planing Mills)
MEIGS—*Meigs Lumber & Mfg. Co. (Saw Mill)
METCALF—Caldwell Lumber Co. (Saw Mill)
MINEOLA—*Mineola Mill Co. (Yellow Pine)
MOULTRIE—*Colquitt Lumber Co.
Corbett Lumber Co. (Saw Mill)
*Huber Lumber Yard
MOUNT PLEASANT—Aiken L. R. & Bro.
MT. VERNON—McCrimmon W. C. (Saw Mill)
NEWNAN—Askew W. S. Co.
*Cole R. D. Mfg. Co.
NORWOOD—Steedman J. H. Lumber Co. (Planing Mill)
OCILLA—*Henderson Lumber Co. (Saw Mill)
*Ocilla Planing Mill
OCONEE—*Cleveland-Oconee Lumber Co.
PINEORA—*Pineora Mfg. Co. (Saw Mill)
POPE'S FERRY—*Dixie Lumber Co. (Short Leaf Pine & Saw & Planing Mills)
QUITMAN—*Interstate Lumber Co.
RAY CITY—Clements Lumber Co. (Saw & Planing Mills)
REYNOLDS—Fitzgibbons P. F. (Saw Mill)
Ricks Bros. (Saw Mill)
ROME—Marshall Mfg. Co. (Yellow Pine)
ST. MARYS—Brandon Lumber Co. (Saw Mill)
SAVANNAH—Bacon A. S. & Sons (Shingles, Lumber, etc.).
*Brewster Lumber Co. (Saw Mill)
*Emanuel Farm Co.
Jarratt J. S. & Co. (Saw Mill, etc)
*Port Wentworth Lumber Co. (Saw & Planing Mills)
*Savannah River Lumber Co. (Yellow Pine)
Southern Box & Lumber Co.
STATENVILLE—Gasbutt A. G. Lumber Co. (Saw & Planing Mills)
STOCKTON—*Fry E. Y. (Saw Mill)
SYLVANIA—*Brantley W. L. (Saw Mill)
*Mallory W. A. & Bro. (Saw Mill)
THOMASVILLE—*Beverly W. E. (Saw Mill)
Jemison J. B. & Co. (Long Leaf Yellow Pine Car Material, Bridges, Floorings, Sidings, Shingles, Laths, etc)
*Kirby Planing Mill Co. (Yellow Pine)
*Southern Saw Mill Co. (Saw Mill)
§Upchurch W. J. (Saw Mill)
*Williams Homer
TIFTON—*Phillipps Lumber Co.
*Tift H. H. (Yellow Pine)
VALDOSTA—Killian Lumber Co. (Long Leaf Yellow Pine)
Harvey Lumber Co.
WARTHEN—*Walker G. C. (Saw Mill)
WAYCROSS—*Hebard Cypress Co. (See Scranton, Pa.)
WRENS—*Wren W. J. (Saw Mill)
ZIRKLE—*Davis-Zirkle Lumber Co. (Saw & Planing Mills)

IDAHO.

ATLAS—Atlas Shingle Co.
*Atlas Tie Co. (Saw Mill)
BARBER—*Boise-Payette Lumber Co. (Saw & Planing Mills)
BONNERS FERRY—Bonners Ferry Lumber Co. (Western Soft Pine, Idaho White Pine, Hard, Spruce & Cedar Lumber & Lath, etc
BOISE—Boise Payette Lumber Co. (Pine)
*Ridenbaugh W. H. (Lumber & Saw Mills)
COEUR D'ALENE—Blackwell Lumber Co. (Idaho White Pine, Western Soft Pine, White Fir)
Rutledge Edward Timber Co.
COTTONWOOD—Hussman Lumber Co. (Saw Mill)
DOVER—*Dover Lumber Co. (White Pine, Larch & Cedar)
EMMETT—Boise-Payette Lumber Co. (Saw & Planing Mills)
FRASER—Fraser Lumber Co. (Saw Mill)
HARRISON—Russell & Pugh Lumber Co. (Saw Mill)
HOPE—Hope Lumber Mfg. Co., (Saw Mill)
HORSESHOE BEND—Harris Creek Lumber Co. (Saw Mill)
IDAHO FALLS—§National Park Lumber Co.
KAMIAH—Western States Lumber Co. (Saw Mill)
KENTERVILLE—Hussman Lumber Co. (Saw Mill)
KOOTENAI—Humbird Lumber Co. (Saw Mill)
LACLEDE—White A. C. (Saw Mill)
LINDEN—Longfellow A. W. (Saw Mills)
McCALL—Hoff & Brown (Saw Mill)
MEADOW CREEK—Meadow Creek Lumber Co. (Saw Mills)
MOSCOW—*Standard Lumber Co.
PLUMMER—Schmidt Bros. (Saw & Planing Mills)
POST FALLS—Post Falls Lumber & Mfg. Co. (Saw & Planing Mills)
POTLATCH—*Potlatch Lumber Co. (Idaho White Pine, Western Soft Pine, Lap Pine Siding)
ROSELAKE—Rose Lake Lumber Co. (Saw Mill)
ST. JOE—Milwaukee Land Co. (Saw Mill)
ST. MANIES—Milwaukee Lumber Co. (Saw Mill)
*St. Manies Lumber Co. (Saw & Planing Mills)
ST. PAUL—Western States Lumber Co. (Saw Mill)
SANDERS—Libby Chas A. (Saw Mill)
SANDPOINT—Hitchner & Hitchner (Cedar Posts, etc)
*Humbird Lbr. Co. (Ltd.) (White Pine Lumber, Red Pine & Hard, Cedar Poles & Split Cedar Posts, etc.)
§Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling & Shingles)
*Sommers Bros. Match Co. (Saw & Planing Mills)
SPIRIT LAKE—*Panhandle Lumber Co., Ltd. (Panhandle Pine)
SPRINGTON—Springton Lumber Co. (Saw Mill)
WINCHESTER—Craig Mountain Lumber Co. (Saw Mill)

ILLINOIS.

ANNA—*Anna Lumber & Mfg. Co.
BELLEVILLE—Liese Lumber Co.
Reis J. B. Lumber Co.
CAIRO—§Atwood F. H. Lumber Co. (Lumber & Boxes, Veneered & Sawed Egg Cases, Box Shooks, etc)
Dunbar Mill & Lumber Co.
Langan P. T. Lumber Co. (Saw Mill)
CHICAGO—§Abbott Frank I. (Pine & Hardwoods), 2201 Loomis
Acme Lbr. & Shingle Co., 20 W, Jackson blvd
Alexander Lumber Co., 104 S Michigan av
Allen Edmund A., 133 W. Washington
Anguera Lbr. & Tie Co. (Oak & Yellow Pine Car Material), 111 W Washington
Attley J. M. Co., 11 S La Salle
Bader John Lumber Co., 2020 Clybourne av
Baird D. W. Lumber Co. (Red Oak Gum & Birch), 1026 W. 22d
*Bay De Noquet Co. (Hemlock, Hardwood, White Pine, etc), 80 E Jackson blvd
§Benedict John S. Lumber Co. (Hardwood & Wagon Stock), 419 N Halsted
§Big Bay Lumber Co. (Crating), 2345 Loomis
*Bigelow Bros. & Walker Co. (Yellow Pine, Cypress & Hardwood), 5 N La Salle
Boyle Clarence (Inc.), Lumber Exch. bldg
§Brooks & Ross Lumber Co. (Pine & Hemlock & Hardwood), 39 S. La Salle
§Bryant & Masten, 122 S Michigan av
Buckner Bros. Lumber Co., 332 S Michigan av
§Burns Jno. E. Lumber Co. (Yellow Pine), 700 W Chicago av
§Carey-Lombard Young & Co., 332 S Michigan av
Carney Lumber Co., 2335 Laflin
§Caryl A. H. (Commission Merchants), 133 W Washington
§Chicago Lumber & Coal Co., 11 S La Salle
*Chicago Mill & Lumber Co. (Lumber & Box Shooks), 111 W Washington
Columbia Hardwood Lumber Co. (Oak, Hardwoods), 2032 Dominick
§Continental Piling & Lumber Co. (Piling & Heavy Timber), 112 W Adams
*Cottage Grove Mfg. Co. (Sash, Doors, Blinds), 3912 Langley av
*Crandall & Brown (Red Cypress), 3300 S Racine av
*Crane W. B. & Co. (Timber, Ties, Cedar Posts, Planks, etc), 913 W 22d
§Cross Clarence L. (La. Red Cypress), Monadnock blk
§Darling Chas & Co. (Hardwood), 1055 W 22d
§Deacon J. C. & Co. (Pine), Loomis S of 22d
Deeves G. H. Lumber Co. (Yellow Pine, Mahogany, Hardwood, etc), 80 E Jackson blvd
Dermott Land & Lumber Co., Railway Exch.
De Vries S. J. & Co., 840 W. 47th
§Empire Lumber Co. (Cherry, Oak & Chestnut), 2034 Southport av
§Fathauer Theo. Co. (Hardwood), 1428 Cherry av
*Fourche River Lumber Co. (Soft Yellow Pine, Hardwood Lumber, Lath & Shingles), 5 N La Salle
§Gillespie John Lumber Co. (Lumber & Seward), W 22d & Laflin
§Goodman K. S. Co. (Pine, Hemlock, Hardwood, etc), 80 E Jackson blvd
Goodivillie Bros.
§Gourley Arthur & Co. (Pines), 11 S La Salle
§Green Geo. Lumber Co., 22d & S Canal
Greenwood Lumber Co.
Gregerstsen Bros. Co. (Cypress & Tupelo), McCormick bldg
Griffith Geo. D. & Co. (Northern Pine, Southern Yellow Pine & Hardwoods), 11 S La Salle
§Hayden & Westcott Lumber Co. (Plain & Quartered Sawed Oaks, Poplar, Rock Elm, Yellow Pine, etc), 80 E Jackson blvd
§Herbert Wm. A. & Co., 11 S La Salle
*Hettler Herman H. Lumber Co. (Maple Flooring, "Modern Brand," Kiln Dried), 2601 Elston av
*§Hines Edward Lumber Co. (All Kinds), 2431 S Lincoln
*Holt Lumber Co., 431 S Dearborn
*Houston Geo. T. & Co. (Yellow Pine, Hardwood & Cypress), 80 E Jackson
Howes Lumber Co., 545 W 71st
International Lumber Co. (White Pine), 11 S La Salle
*Jeffris D. K. Lumber Co. (Yellow Pine, Ash, Gum Oak, Pacific Coast Fir & Shingles), 11 S La Salle
§Joseph Bros. Lbr. Co., 1737 Wellington av
*§Keith Lumber Co. (Mahogany & Foreign Woods), 2350 Laflin
Kemler Lumber Co., 1168 N Halsted
Kenfield Lambreaux Co. (Crating), Conway bldg
§King W. O. & Co. (Yellow Pine, Maple, Cuban & Mahogany & Hardwood), 2453 Loomis
Kirby-Bonner Lumber Co. (Yellow Pine)
§Knudson & Mercer Lumber Co. White & Yellow Pine, Lath, Shingles, etc), 28 E Jackson blvd
*Lake Independence Lumber Co., 623 S Wabash av
§Lane J. L. & Co. (Southern Pine & Hardwood), 11 S La Salle
§Leach L. D. & Co. (Saw Mill), 343 S Dearborn
§Lesh & Matthews Lumber Co. (Native & Hardwood), 140 S. Dearborn
Lockwood & Strickland Co., 49th & Halstead
*Lord & Bushnell Co. (Yellow Pine), 2424 Laflin
§Lowe, Perley & Co. (Pine & Hardwoods), 332 S Michigan av
*Lyon Lumber Co. (Red Cypress), 208 S La Salle
Maisey & Dion (Hardwood & Cottonwood), Loomis & 22nd
*Marsh & Bingham Co. (L. L. Yellow Pine; also Fir & Oak), 80 E Jackson blvd
Marsh & Truman Lumber Co., 332 S Michigan av
§Matthias Russell J. Co., 30 N La Salle
§Mickle Geo. T. Lumber Co. (Yellow Pine, Timber, etc), 30 N La Salle
§Miller Jas. G. Lumber Co. (Commission Merchants), 11 S La Salle
*Mississippi Lumber Co. (Long Leaf, Yellow Pine), 332 S Michigan av. Mills: Quitman, Miss.
*Morgan Sash & Door Co., 2237 Blue Island av
*Nessen J. O. Lumber Co. (Yellow Pine & Southern Hardwoods), 128 S Michigan av
North Branch Flooring Co., 2415 Barry av
§Oconto Co. (Hemlock, Hardwood, White Pine, etc.), 80 E Jackson blvd
Pacific Lumber Co. (Redwood), 3612 S Morgan
*Paepcke-Leicht Lumber Co., Southern Hardwoods, 111 W Washington
*Paine Lumber Co., Ltd. (Mill Work), 111 W Wash.
Paltzer C. A. Lumber Co., 112 W Adams
*Pate D. S. Lumber Co. (Long Leaf Yellow Pine), 11 S La Salle
§Pike Dial Lumber Co., 2201 Loomis
Pilsen Lumber Co., 2201 Laflin
Pioneer Corp. (White Pine), 1249 W 63rd
§Porter Frank Lumber Co. (Commission Merchant), 11 S La Salle
Pulaski Lumber Co., 1835 N Robey
*Rittenhouse & Embree Co. (Oak & Maple Flooring), 3500 S Racine av
§Ross Lumber Co., 39 S La Salle
Schreiber Wm. C. Lbr. Co., 2220 Throop
*Soper Lumber Co. (Hardwood), 2204 Loomis
§Soper Lumber Co., 2204 Loomis
*Spalding Lumber Co. (Lumber, Lath & Shingles), 208 S La Salle
§Spry Lumber Co., 111 W Monroe

Stewart A. T. Lumber Co., 7801 Greenwood av
Stone Frank B., 80 E Jackson
§Street-Chatfield Lumber Co., 1880 Fullerton av
Thornton-Clancy Lbr. Co., 2315 Elston av
§Trainer Bros. Lumber Co., Loomis S of 22d
§Upham & Agler (Hardwoods), Throop S of 22d
*Vancouver Lbr. Co. Ltd. (Vancouver Cedar Mills Ltd.) (Douglas Fir B. C. Red Cedar, Western Hemlock, White Pine, Spruce, Fir Car Material & Structural Timbers, Fir & Hemlock Crating), 3434 S Dearborn
Wachsmuth Lumber Co., 2201 Lafiin
*Ward Lumber Co. (Hardwood), Chamber of Commerce bldg
§Wells R. A. Lumber Co. (Hardwood), 234 S La Salle
Wheelock Lumber & Mfg. Co., 1751 N Maplewood av
§White Lumber Co. (Hardwood), 1500 Webster av
*White Star Lumber Co. (Hemlock & Cedar), 11 S La Salle. Mills: Mattoon, Wis.
*Willey C. L. (Mahogany & Foreign & Domestic Hardwoods), 2558 S Robey
*Wisconsin Lumber Co. (Oak, Cottonwood, Elm, Sycamore, Cypress, Gum, Ash & Soft Maple), 606 S Michigan av. Mills: Deering, Mo.
*Wood Geo. E. Lumber Co. (Wis. Pine), 230 S La Salle
*Worcester C. H. Co. (Hemlock & White Cedar), 19 S La Salle
Worcester Lumber Co. (Birch, Maple, Ash, Elm, Basswood & Lath), Assn. bldg
§Wuichet Louis (White Pine, Sugar Pine & Soft Pine), Ry Exch bldg

DANVILLE—Danville Lumber Co.
Hooten Chas. B.
Trent Bros.
DECATUR—*Lyon G. S. & Sons Lumber & Mfg. Co.
EAST ST. LOUIS—Chicago Lumber & Coal Co. (Yellow Pine Mfrs.)
*East St. Louis Lumber Co., 2022 State
Fullerton Powell Hardwood Lbr. Co.
*Goedde B. & Co., Weber & Illinois av
O'Neill Lumber Co.
ELGIN—Rinehimer Bros. Mfg. Co.
GALESBURG—§Simpson Jas. C. & Co.
GOLDEN—Golden Lumber & Contracting Co.
HOOPESTON—Moore & McFerren (Saw Mill, Lumber & Cottonwood Box Shooks)
KARNAK—*Main Bros. Box & Lumber Co.
KELL—Hays O. G. (Saw Mill)
LA SALLE—Hunter, Stevens & Co.
McLEANSBORO—Wilson J. H. & Son
*Wright T. B. & Son
MATTOON—*Gabbert Lumber Co. (Lumber & Planing Mill)
METROPOLIS—*Artman, Nichols & Cox Lbr. Co. (Saw & Planing Mills)
MOLINE—*Dimock, Gould & Co.
MOUND CITY—*Williamson-Kuny Mill & Lumber Co. (Southern Hardwoods, Long Oak Timber, Lath)
NEBO—Minier Bros.
PEORIA—Knetzger Chas. Lumber Co.
§Lord Lee H. & Co. (Yellow Pine & Hardwood Lumber)
Miller Joseph & Sons (Lumber & Contractors)
Proctor J. C. Lumber Co.
PERU—Maze W. H. Co. (Planing Mill)
QUINCY—*McKee W. I. Lumber Co. (Fir, Spruce, Cedar, Redwood & Idaho White Pine)
*Menke-Grimm Planing Mill Co.
Moller & Vanden Boom Lumber Co.
ROCKFORD—*Green Bros. Box & Lbr. Co.
§Parsons Lumber Co.
§Smith-Du Plain & Crumb Co.
§Stone P. F.
ROCK ISLAND—*Rock Island Lumber & Mfg. Co. (Lumber, Lath & Shingles)
*Weyerhauser & Denkmann Co. (White Pine)
SPRINGFIELD—Eielson A.
Schuck J. H. & Son
VANDALIA—Sonneman C. G. & Son
WINCHESTER—Hunter, Allen & Co.

INDIANA.

ANDERSON—Atherton M. Sons (Planing Mill)
Winters, Mercer & Brannum Lumber Co.
ARGOS—*Schafer Louis N. (Saw Mill)
ATTICA—Attica Lumber Co.
BATESVILLE—Hillenbrand (The) Co.
BATH—*Brier John T. (Saw Mill)
BERNE—Berne Lumber Co. (Saw Mill)
BIRDS EYE—Southern Indiana Mfg. Co. (Spokes & Bldg Material)
BLOOMINGTON—Fulwider W. A. Co. (Lumber)
BLUFFTON—Cline Tribolet Lumber Co.
Eaton Jas. B. (Lumber & Piling)
BOBO—*Colter Henry (Saw Mill)
BOONVILLE—*White C. P. Lumber Co. (Hardwood, Quartered Oak Saw & Planing Mill)
BRAZIL—Brazil Lumber Co.
Keasey N. T. Lumber Co. (Saw Mill)
Wilder E. D. & Co. (Planing Mill)
BROOKVILLE—Ferris John & Sons Planing Mill)
CAMPBELLSBURG — *Stratton & Co. (Saw Mill)
CANNELTON—*Zeller Bros. (Saw Mill)
CLAYPOOL — Alexander G. M. (Saw Mill)
COLUMBIA CITY—*Peabody S. J. Lumber Co. (Saw & Planing Mill)
CONNERSVILLE — Connersville Lumber Co.
CONVERSE—*Murphy & Kenny (Lumber & Planing Mill)
CORYDON—§Humphrey R. H. Co. (Saw Mill)
CRAWFORDSVILLE — Burkholder Saml. Lumber Co. (Hardwood)
CROWN POINT—Root C. D.
CUMBERLAND — Duncan Lumber Co. (Saw Mill)
DARLINGTON—*Lynch W. B. (Lumber & Saw Mill)
DECATUR—*Adams County Lumber Co. (Saw Mill)
*Smith & Bell (Saw Mill)
DUNKIRK—Dunkirk Lumber Co.
DUPONT—Graston G. W. Milling Co. (Saw Mill)
§Guthrie William A.
EAST ENTERPRISE—*Truitt Wm. P. & Son (Saw Mill)
ELKHART—Monger C. L. Co. (W. & Com. Lumber)
§Monger R. W. Co.
ELWOOD—Heffner Lumber & Coal Co. (Saw & Planing Mill)
Winters Lumber Co.
EVANSVILLE—Cutsinger F. M. (Saw Mill)
Evansville Planing Mill Co. (Saw Mill)
*Helfrich Lumber & Mfg. Co.
§McFerson & Foster Co. (Cottonwood, Poplar Box Shooks)
*Maley & Wertz (Hardwoods, Quartered Oak & Saw Mills)
*Reitz Clemens Sons Co. (Saw Mill)
*Reitz John A. & Sons (Saw Mill)
Schultze Geo. T. Lbr. Co.
*Von Behren Mfg. Co. (Spokes & Bentwood)
§Wolfiin-Luhring Co. (Yellow Pine & Southern Hardwoods)
FERDINAND—*Beckman & Sauer (Saw & Planing Mill)
*Bolte Ben & Son (Saw Mill)
FLORA—*Flora Saw Mill Co. (Saw Mill) ply Co.
FORT WAYNE—*Fort Wayne Lumber Co.
Franke H. (Planing Mill)
*Gilmartin Edw. & Sons (Hardwood & Planing Mill)
Helker Charles & Sons
Kilker Chas. & Sons
*Hoffman Bros. Co. (Hardwood & Veneers)
Klett Jacob & Sons (Planing Mill)
*Mossman Wm. E.
*Perrine-Armstrong Co. (Long Timber, etc)
FOWLER—Evans & Calloway
GOSHEN—*Irwin Jno. W. (Est. of)
*Sanders & Egbert Co. (Hardwood)
*Young-Greene Lumber Co. (Hardwood)
GOSPORT—*Sanders A. J. & Sons (Saw Mill)
GREENCASTLE—*Barnaby C. H. (Hardwoods and Oak Veneers)
GREENTOWN—*Cuthrell John A. (Saw Mill)
HAGERSTOWN—Keagy Henry W.
Werking John E. (Saw Mill)
HAMBURG—*Bramlage, Louis (Saw Mill)
HARTFORD CITY—*Willman Lumber Co. (Saw Mill & Lumber)
HUNTINGBURG—*Stimson J. V. (Saw Mill)
HUNTINGTON—Kenower John & Sons Hardwood & Planing Mill)
INDIANAPOLIS—*Bachman F. M. Co. Madison av c Lincoln
§Brannum-Keene Lumber Co. (Planing Mills)
§Buddenbaum Lumber Co.
§Capitol Lumber Co.
§Carter-Lee Lumber Co., 1621 W Washington
§Dickson Jas. C. (Oak, Ash & Poplar), 936 E Vermont
§Dynes-Pohlman Lumber Co.
Eaglesfield & Shepard
§Eichholtz Geo. W. & Son
§Foster R. S. Lumber Co. (Hardwood, Veneered Doors, Mantels, Stairways, etc)
§Guthrie William A.
*Indianapolis Manufacturers' & Carpenters' Union (Pine, Poplar & Ash)
§Long-Knight Lumber Co. (Plain & Quartered Oak, White Ash, etc), 1025 Lewis
Maas-Neimeyer Lumber Co.
§Michigan Lumber Co. (Long Joist & Heavy Timber), 929 E St. Clair
§Pinnell J. W. & Co., 230 E Ohio
§Talge Mahogany Co., 1101 E 13th
*Walnut Lumber Co. (Hardwood), 1635 W Michigan
*§Wilkinson-Allena Lumber Co.
KOKOMO — *Armstrong-Landon Co. (Hardwood & Pine)
Indiana Lumber Co.
LAFAYETTE—*Lafayette Lumber Co.
LA PORTE—*Wise H. (Saw Mill)
LENA—*Brattain E. C. (Saw Mill)
LOGANSPORT—Fernald Willmont L. (Saw Mills)
MARION—*Barley & Spencer Lumber Co.
§Marion Lumber Co.
MENTONE—*Central Lumber Co. (Saw Mill)
MONTPELIER—Bryson D. A. (Saw Mill)
MOUNT SUMMIT—*Ice F. P. & Son (Saw Mill)
MUNCIE—Kirby-Wood Lumber Co.
Muncie Lumber Co.
NAPOLEON—*Grow F. J. (Saw Mills)
NEW ALBANY—*Roberts & Veneer Co. (Veneer & Lumber)
§Humphrey R. H. Co. (Saw Mill)
Wood Mosaic Co. (Hardwood Lumber & Oak Flooring)
NEW POINT—*Puttmann John J. (Saw Mill)
NORTH VERNON — *Cone Jos. D (Spokes, etc)
*Litchfield Bros. (Hardwood)
*†North Vernon Lumber Co. (Hardwood)
Richardson J. B. & Son
PERU—*Eisaman & Richer (Saw Mill)
PLEASANT LAKE—*Goodwin Lumber Co.
PLYMOUTH—*Morris C. L. (Saw & Planing Mills
PORTLAND—*Adams D. L. (Staves & Headings)
North, Frazier & Co. (Saw Mill)
RICHMOND—*Johnson B. & Son (Lumber, Piles & R. R. Ties)
§Kramer C. & W. Co. (Hardwood)
ROCKVILLE — *Ferguson Lumber Co. (Planing Mill)
RUSHVILLE—§Case Jasper D. (Hardwood)
Pinnell & Tompkins Lumber Co.
SALEM—*Crim C. M. & Son
SHELBYVILLE—Stroup S. P. Lumber Co.
*Swain-Karmire Lumber Co.
SHERIDAN—*Palmer George H. (Saw Mill)
SOUTH BEND—*Fullerton-Powell Hardwood Lumber Co. (Hardwood & Box Lumber)
TERRE HAUTE—*Hooton Lumber Co.
TYNER—*Powell Charles H. (Saw Mill)
VINCENNES—*Maley & Wertz (Saw Mill)
Updike J. B. & Co. (Saw Mill)
WASHINGTON—*Murdock Lumber Co. (Hardwood Lumber & Veneers, Fancy Figured Quartered Oak a Specialty)
WOODBURN—*Woodburn Lumber Co. (Saw Mil)

IOWA.

BELLEVUE—*Bittner Louis Lumber Co. (Hardwood)
*Dorchester & Hughey (White Pine)
BOONE—Fehleisen-Rosacker Lumber Co.
BURLINGTON—*Burlington Lumber Co. (White Pine)
*Gilbert Hedge Lumber Co.
*Nairn, Gillies Co. (Sash & Door Factory & Planing Mill)
Rand Lumber Co.
CEDAR RAPIDS—§Canfield Lee Lumber Co.
Cedar Rapids Lumber Co.
Fay Bros. & Co.
Limback Lumber Co.
Williams & Hunting Co. (Planing Mill)
CLINTON—§Curtis Bros. & Co. (Mill Work, Pickets, Flooring, Siding, Ceilings, etc)
Peterson, Bell & Co. (Box Shooks & Crates, etc)
CORYDON—Corydon Lumber Co.
COUNCIL BLUFFS—§Bluff City Lumber & Coal Co.
Hafer C. Lumber Co.
§Hoagland Geo. A.
§Quinn H. A. Lumber Co.
DAVENPORT—*McClelland T. W. Co.
*Mueller Lumber Co. (Planing Mills. Yellow Pine, White Pine, Fir, Cypress Lath, Moulding)
*Roberts U. N. Co.
§Seiffert H. O. Lumber Co. (Shingles),
*Weyerhaeuser & Denkmann Co.
DES MOINES—Church W. C. Lumber Co. (White Cedar Poles & Posts)
*Gilcrest J. K. & W. H. Co.
*Green Bay Lumber Co.
Jewett Lumber Co.
*Queal Lumber Co.
§Wheeler Lumber Bridge & Supply Co.
*Wisconsin Lumber Co.
DUBUQUE—§Ernsdorff John Iron Co. (Hardwood Only)
*Farley & Loetscher Mfg. Co. (Sash, Doors, Blinds)
*Metz Mfg. Co. (Sash, Dors, Blinds, etc)
*Standard Lumber Yard Co.
FORT DODGE—Conway Lumber Co.
Mason & O'Connell
FORT MADISON—*Atlee S. & J. C. (White Pine)
HAWARDEN—Schoeneman Bros. Co.
INDIANOLA—Harlan J. M. Lumber Co.
KEOKUK—Carter Mfg. Co.
*Taber Lumber Co.
MANCHESTER—*Wolcott Bros. (Lumber & Shingles)
MARSHALLTOWN—Buchwald Chas. A. Lumber Co.
Citizens Lumber Co.
MISSOURI VALLEY—Deur C. H.
MUSCATINE—*Muscatine Lumber & Coal Co.

IOWA—continued
NEWTON—*Skow Mfg. Co.
OSKALOOSA—§Hawkeye Lumber Co.
Kalbach Lumber Co.
OTTUMWA—Fletcher Lumber Co.
McGavic S. L. Lumber Co.
PARNELL—Home Lumber Co.
REINBECK—Porter Lumber Co.
SIOUX CITY—Ford Lumber Co.
*Fullerton Lumber Co.
Spaulding Avery Lumber Co.
WATERLOO—§Chapman C. W. Lumber Co.
Gronen & Cowan
§Iowa Lumber Co.
§Jackson Lumber & Supply Co. (Shingles & Lumber)
*Nauman Co.
Waterloo Lumber Co.

KANSAS.

ATCHISON—*Carlisle Pennel Lumber Co.
CHANUTE—Chanute Lumber Co.
HUTCHINSON—§Hutchinson Lumber & Planing Mill Co.
IOLA—Northrup Lumber Co.
LEAVENWORTH—Lambert Lumber Co.
NEWTON—Swartz S. M., Lumber Co.
OLATHE—Hodges Bros.
PITTSBURGH—Sandford-Robinson Lumber Co.
ROSSVILLE—*Thomas J. Lumber Co.
TOPEKA—§Central Sash & Door Co.
§Thomas J. Lumber Co.
WICHITA—*Louisiana Red Cypress Lumber Co.
§Wichita Sash & Door Co.

KENTUCKY.

ARLINGTON—Arlington Lumber Co.
ASHLAND—*Ashland Lumber Co.
*Dawkins Lumber Co., (Poplar & Hardwood)
*Herrmann H. Lumber Co.
*Standard Planing Mill Co.
*Vansant, Kitchen & Co.
*Wright, Kitchen Lumber Co. (Yellow Poplar, Oak, Ash, Pine, etc)
BARBOURSVILLE—*Minton T. W. & Son (Hickory Dimension Stock)
*Rathfon, Scent & Co.
BENTON—Treas. Lumber Co.
BOND—*Bond-Foley Lumber Co. (Saw & Planing Mills)
BONDURANT—Smith A. B. Lumber Co. (Saw & Planing Mills)
BONNIEVILLE—Stamp J. M. (Saw Mill)
BOONSBORO—Stevens H. L. (Saw Mill)
BOWLING GREEN—Kister F. L., Jr., (Saw & Planing Mill)
*Roemer Bros. (Planing Mill)
Russell J. N. Lumber Co.
BRADFORDSVILLE—Terhune's B. Sons (Saw Mill)
BURNSIDE—*Kentucky Lumber Co. (Lumber & Saw Mill)
CADIZ—*Woodruff Planing Mill Co.
CAMPBELLSVILLE — *Campbellsville Lumber Co. (Hardwood)
CARROLLTON—*Adkinson Bros. Co.
CATLETTSBURG—*Nigh S. H. & Bro.
CENTRAL CITY—*Central City Lumber & Mfg. Co.
CLAY CITY—*Brodhead-Garrett Co. (Saw & Planing Mills & Rough & Dressed Lbr. of all kinds)
CLEARFIELD—Clearfield Lumber Co. Saw & Planing Mills)
COVINGTON—Brownfield J. A., 33 W 8th, Dept. H
CRESSMON—Turkey Foot Lumber Co. (Saw Mill)
DANVILLE—*Danville Lumber & Mfg. Co.
ELIZABETHTOWN—Bond Bros. (R. R. Crossties)
ELKATAWA—Long & Oldfield (Saw Mill)
FRANKFORT—Capital Lumber & Mfg. Co. (Planing Mill)
*Kenney B. E. Lumber Co. (Saw Mill)
FROZEN CREEK—Day J. Taylor (Staves & Ties)
FULTON—Swain-Karmire Lumber Co.
GLASGOW—§Lewis-Wilson-Hicks Co.
*Redman Wm. (Staves)
Smith J. N.
GREENVILLE—*Greenville Milling Co.
HAZEL—*White J. T. & Son
HAZEL GREEN—Day J. Taylor
HEIDELBERG—*Forman Thomas Co (Saw & Planing Mills)
HENDERSON—*Clore Joseph O. & Son (Lumber, Saw & Planing Mills)
*Rankin Lumber Co. (Saw Mill)
HICKMAN—Mingel Box Co. (Saw & Planing Mills)
HIGHBRIDGE—Hughes J. D. Lumber Co. (Saw & Planing Mill)
HIGHLAND PARK—*Gamble Bros.
HITCHINS—Eastern Kentucky Lumber Co.
HOPKINSVILLE—*Forbes Mfg. Co.
IRVINE—Snowden A. D. & Bro. (Saw Mills)
JACKSON—*Day Lumber & Coal Co. (Hardwood)
KEAVY—Storm S. L. (Lumber, Staves & Ties)
Storm John (Saw Mill)
KINGS CREEK—Field A. J. & Son (Saw Mill)
KNOBLICK—Allen O. C. (Saw Mill)
LANCASTER—*Lancaster Lumber & Mfg. Co.
LEBANON—*Lebanon Lumber Co.
LENOX—Lenox Sawmill Co. (Saw Mill)
LEXINGTON—§Blue Grass Lumber Co.
*Curran Lumber Company
Geary W. J. Lumber Co. (Saw Mill)
Hendricks-Moore-Young Co.
*Louise Lumber Co.
*Spotswood E. R. & Son (Hardwood)
LIMABURG—Rouse J. S. (Saw Mill)
LIVERMORE—*Quigg Mfg. Co. (Staves)
LOMBARD—Brodhead-Garrett Co. (Saw & Planing Mills)
LONDON—*London Mfg. Co. (Lumber)
§Murphy D. B. & Co.
LOUISA—*Northrup Jay H. (Ties, Lumber, Staves)
LOUISVILLE—Brown Bros. & Carnahan
Brown W. P. & Sons Lbr. Co.
*Central Planing Mill & Lumber Co.
Churchill-Milton Lbr. Co.
§Comstock L. H.
*§Davis E. L. Lumber Co. (Hardwood)
§Gamble Bros. (Yellow Pine, Yellow Poplar, Hardwood)
§Gernert Bros. Lumber Co. (Saw Mill)
§Graham S. P. Lumber Co., 810 Magazine
*Holly Ridge Lumber Co. (Saw Mill, Hardwood, Ash, Oak, Poplar, Walnut, etc)
Kirwan Bros. (Saw Mill), Fulton & Adams
*Koehler Hy. & Co. (Planing Mill, Hardwood, Yellow Pine, etc), 12th & B'way
Louisville Point Lumber Co. (Saw Mill), 1146 Fulton
Mehler & Eckstenkemper Lumber Co. (Cedar), 901 Fehr av
*Mengel C. C. & Bros. Co., (Saw Mill)
Ohio Valley Tie Co. (Hardwood)
§Russell Frank B. (Beer Staves)
MARYDELL—Gregory M. (Saw Mill)
MAYFIELD — Mayfield Planing Mills (Planing Mill)
MONICA—Hieronymus C. H. (Saw Mill)
MOREHEAD—*Bradley S. M. (Mfr. & W. Lumber, Staves, etc)
MUD LICK—*Webb Wm.
MURRAY—*Hay Jas. P., Lumber Co.
NEWPORT—Voss Frank (Lumber & Planing Mill)
OFFUT—Rockcastle Lumber Co. (Saw Mill)
OWENSBORO—Owensboro Planing Mill Co. (Hardwood)
PADUCAH—§Faust J. H. & Co. (Thick Yellow Poplar)
PADUCAH—*§Ferguson Hardwood Co.,Inc.
Fooks Lumber Co.
*Langstaff-Orm Lumber Co. (Saw & Planing Mill)
Sherrill-King Mill & Lumber Co. (Saw Mill)
Sherrill-Russell Lumber Co.
*§Smith A. B. Lumber Co. (Hardwood Lumber, etc.)
PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Hardwood Lumber)
PINEVILLE—*Asher A. J. (Saw Mill)
Card A. H. (Saw Mills & Southern Hardwood)
QUICKSAND—Buskirk Rutledge Lumber Co. (Saw & Planing Mills)
§Mowbray & Robinson Co. (Saw & Planing Mills)
RICHMOND—*Richmond Lumber Co.
RINALDO—Mitchell J. W. (Saw Mill)
SALT LICK—Fell W. J. (S. Lumber, Staves)
Salt Lick Lumber Co. (Saw & Planing Mill)
SCOTTSVILLE—*Thompson, Wade & Co.
SOMERSET—*Edgett & Ellis Co.
*Winfrey Stave & Lumber Co.
STEARNS—Stearns Coal & Lumber Co. (Saw Mill)
TORRENT—*Day J. Taylor (Saw Mill)
VINEGROVE—Vinegrove Lumber Co.
WALTON—*Mayhugh J. D. Mfg. Co. (Lumber)
WEST IRVINE—§Mowbray & Robinson Co. (Saw Mill)
WINCHESTER—Scobee R. P & Son Co.
Winchester Lumber & Mfg. Co.

LOUISIANA.

ALBERTA—*Bienville Lumber Co. (Ltd.) (Yellow Pine)
ALDEN BRIDGE—*Strayhan J. F. (Saw Mill)
ALEXANDRIA—*Alexandria Lumber Co., (Ltd.) (Long Leaf Yellow Pine)
Alexander Cooperage & Lumber Co. (Saw Mills)
§Caddo-Rapids Lumber Co., Ltd. (Saw & Planing Mills)
*Ball J. F. & Bro. Lumber Co. (Ltd.)
*Brenner Ferd. Lumber Co.
Enterprise Lumber Co. (Ltd.)
Hayslip & Dear
*Long Pine Lumber Co. (Saw & Planing Mills)
ALLEMANDS—*Bowie Lumber Co., Ltd. (Saw & Planing Mills)
ALOHA—*Williams H. R. (Shingle Mill)
ANSLEY—*Davis Bros. Lumber Co. (Ltd.) (Yellow Pine)
ARABI—*St. Bernard Cypress Co. (Ltd.)
ARNAUDVILLE—Greig George
ATHENS—Pace W. H. (Saw Mill & Lumber).
Mary Ann Lumber Co. (Saw Mill)
ATLANTA—*Germain & Boyd Lumber Co. (Branch of Saginaw, Mich.)
BALDWIN—*Baldwin Lumber Co. (Ltd.) (Cypress)
BARHAM—*Pickering W. R. Lumber Co. (Yellow Pine)
BASKIN—*Baskin Lumber Co. (Saw Mill)
BASTROP—Gulledge Lumber & Stave Co., Inc, (Saw Mill)
Sterling Lumber Co. (Saw Mills)
BATCHELOR—*Northern Lumber Mfg. Co.
BAYOU CHICOT—Johnson Louis (Saw Mill)
BERNICE—Bernice Lumber Co. (Ltd.)
BLANKS — *Barnes-Blanks Lumber Co. (Saw Mill)
BOGALUSA—*Great Southern Lumber Co.
*Louisiana Lumber Co.
BOLINGER—*Bolinger S. H. & Co. (Ltd.) (Yellow Pine)
BONAMI—*King-Ryder Lumber Co. (Yellow Pine)
BONFOUCA—*Bayou Liberty Lumber Co. (Saw Mill)
BOWIE—*Bowie Lumber Co. (Ltd.) (Lumber & Shingle Mill)
BOYCE—*Boyce Lumber & Realty Co. (Saw & Planing Mill)
*Looney Rivers Lumber Co.
BREAUX BRIDGE—Begnaud J. W. (Lumber)
BROUSSARD—*Comeaux Lumber Co.
BRYCELAND—*Bryceland Lumber Co., Ltd.
BUNKIE—*Climax Lumber Co. (Hardwood)
Haas W. D. & Co. (Lumber & Saw Mill)
BURTON—*Burton-Swartz Cypress Co.
CAMPTI—Frost-Johnson Lumber Co. (Saw Mill)
CARSON—Delta Land & Timber Co. (Saw Mill)
CHENIRE—Benoit Clayton Lumber Co. (Saw Mill)
CLARKS—Louisiana Central Lumber Co.
CLAYTON—*Utley-Hollaway Co. (Saw Mill), (various Lumbers)
COLFAX—*Big Pine Lumber Co. (Ltd.)
Iatt Lumber Co., Ltd.
COTTON VALLEY—Porter-Wadley
CONSHATTA—Crescent Lbr. Co.
CRAVENS—*§Pickering W. R. Lumber Co. (Saw & Planing Mills)
CRESTON—*Black Lake Lumber & Shingle Mill Co. (Saw Mill)
CREW LAKE—*§Faust Bros. Lumber Co. (Saw Mill)
DELHI—*Weis & Lesh Mfg. Co., (Branch of Muncie, Ind.)
DENHAM SPRINGS—Brown W. F. & Sons (Saw Mill)
DE RIDDER—*Hudson River Lumber Co. (Yellow Pine)
DONNER—*Dibert, Stark & Brown Cypress Co. (Ltd.) (Cypress Lumber Lath & Shingles, Mouldings, Finish & Pickets, Hewn & Sawn Ties & R. R. Timbers, etc.)
DUBACH—*Dubach Lumber Co. (Ltd.) (Long & Short Leaf Yellow Pine)
DUBBERLY—Woodward & Walker (Saw Mill)
DUNN—*Cook Fred
EDNA—*Powell Lumber Co. (Saw Mill)
ELBA—*Evans W. S. & Son (Saw Mill)
ELIZABETH—*Industrial Lumber Co. (Saw Mill)
EMAD—Peary-Byrnes Lumber Co. (Saw & Planing Mills)
EROS—*Tremont Lumber Co. (Saw & Planing Mills)
EUNICE—*Newell Lumber Co., Ltd. (Saw & Planing Mills)
FISHER—*Louisiana Long Leaf Lumber Co. (Yellow Pine)
FRANKLIN—*Kyle Lumber Co. (Ltd.) (Cypress)
FRANKLINTON—*Fordney Fassett Co.
*McCreary Lumber Co. (Saw Mill)
FROZARD—*Oliver A. C. (Saw Mill)
FULLERTON—*§Gulf Lumber Co. (Saw & Planing Mills)
GANDY—*Wyatt Lumber Co. (Saw & Planing Mills)
GARDEN CITY—Hanson Albert Lumber Co. (Ltd.) (Saw Mill)
GARYVILLE—*Lyon Lumber C. (Red Cypress)
GENESEE—Genesee Lumber Co.
GLENMORA—*Kirkpatrick Lumber Co. (Ltd.)
Louisiana Saw Mill Co. (Southern Yellow Pine, Cypress)
GOODPINE—*Good Pine Lumber Co. (Saw Mill)
*Fall Timber Lumber Co. (Saw & Planing Mills)
GRABOW—*Anacoco Lumber Co. (Saw & Planing Mills)
GUY—*Hurricane Creek Lumber Co. (Saw Mill)
HAMMOND—Hammond Lumber Co. (Ltd.)
*Kent Amos Lumber & Brick Co.
*Natanbany Lumber Co. (Ltd.) (Yellow Pine)
Tallahala Lumber Co.
HARAHAN—*Friedberg Lumber Co, (Saw Mill)
HARVEY—*Louisiana Cypress Lumber Co. (Ltd.) (Red Cypress, Lumber & Shingles)
HAUGHTON—Johnson H. H. Lumber Co. (Saw Mill)
HODGE—*Hule-Hodge Lumber Co. (Ltd.)
HOLDEN—*McCaroll Lumber Co. (Ltd.) (Saw Mill)

HOMER—*Burkholder S. Lumber Co. (Saw & Planing Mill)
HOULTONVILLE—*Houlton Lumber Co. (Saw Mill)
HOUMA—Houma Cypress Co. (Ltd.)
HUTCHINSON—*Bayou Blue Lumber Co.
Elton Lumber Co. (Saw Mill)
HYAMS—Riel Geo. F. (Saw Mill)
INDEPENDENCE—Day E. H. (Saw Mill)
Independence Veneer & Box Mfg. Co. (Ltd.)
JEANERETTE—*Bourgeois & Beaullieu, (Loggers)
Jeanerette Lumber & Shingle Co. (Ltd.) (Cypress)
*Planters' Lumber Co. (Ltd.) (Cypress, Lumber, etc)
JENA—*White Sulphur Lumber Co. Ltd.
JONESBORO—*Autoine Lumber Co. Ltd.
*Tremont Lumber Co.
JONESVILLE—*Wheeler Harvey M. Lumber Co. (Saw Mill)
KENTWOOD—*Brooks-Scanlon Co. Lumber Mfrs. (Long Leaf Yellow Pine, Band & Gauged, Sawed Planing (Mill Work, etc.)
*Kent Amos Lumber & Brick Co. (Ltd.) (Yellow Pine)
KINGSTON—Natalbany Lumber Co. (Saw Mill)
LAARK—*Kimball Lumber & Mfg. Co.
LACOMBE—Lacombe Lumber Co. (Saw & Planing Mills)
LAKE ARTHUR—*Bomer-Ferguson Co. (Ltd.)
LAKE CHARLES—*Bel J. A. Lumber Co. (Ltd.) (Yellow Pine)
*Calcasieu Long Leaf Lumber Co.
*Hodge Fence & Lumber Co. (Ltd.) (Saw Mill, Lumber, Fencing & Yellow Pine)
*Lyons Lumber Co. (Ltd.)
*Martin Tram Co. (Logging)
*Powell Lumber Co. (Ltd.) (Lumber, Yellow Pine & Saw Mill)
Stout J. C. Lumber Co. (Saw Mill)
LAKE PROVIDENCE—Desha Lumber Co. (Saw Mill)
LEESVILLE — *Nona Mills Co. (Ltd.) (Yellow Pine). (See Beaumont, Tex.)
*Roberts Lumber Co.
LONG LEAF—*Crowell & Spencer Lumber Co. (Ltd.) (Yellow Pine)
LONGSTREET—*Holmes L. T. (Saw Mill)
*Longstreet Lumber Co. (Ltd.)
*Washburn Lumber Co.
LONGVILLE—*Longville Lumber Co. (Saw Mill)
*Leach O. G. Hardwood Lumber Co. (Saw Mill)
LOTTIE—Wilson & Cochran (Cypress)
LOUISVILLE—Norman Lumber Co.
LUDINGTON—*Ludington Lumber Co.
LUTCHER—*Lutcher & Moore Cypress Lumber Co. (Ltd.) (Red Cypress)
McELROY—*Ascension Red Cypress Co. Ltd.
McNARY—*Cady W. M. Lumber Co. (Yellow Pine)
MACLAND—*McDonald Bros.
MADISONVILLE—Dendinger Theo. (Saw Mill)
Madisonville Saw & Planing Mill (Saw & Planing Mills)
MANDEVILLE—Poitevent & Favre Lumber Co. (Southern Yellow Pine)
MANGHAM—*Stewart-Greer Lumber Co.
MANSFIELD — *Frost-Johnson Lumber Co. (Branch of Shreveport)
MAYNA—*Red Star Lumber Co. (Ltd.) (Saw Mill)
MEEKER—*Holly Ridge Lumber Co.
MERIDIAN—Meridian Lumber Co., Ltd. (Saw Mill)
MER ROUGE—Dunnam & Robinson (Saw Mill)
MERRYVILLE—*American Lumber Co.
Howdumac Timber Co. (Saw & Planing Mills)
MIDLAND—*Callahan Lumber Co. (Ltd.) (Planing Mill & Lumber)
MILTONBERG—*Brewer Nienstedt Lumber Co. (Saw & Planing Mills)
MINDEN—*Minden Lumber Co.
MOBERLY — *Cummings-Moberly Cypress Co. (Saw Mill)
MONROE—*Grayling Lumber Co. (Branch of Detroit, Mich.)
*Hardwood Mfg. Co.
*Holly Ridge Lumber Co. (Saw Mill)
Lenwil Sawmill Co. (Saw & Planing Mills)
*Monroe Shingle Co. (Shingle Mill)
*No. Louisiana Shingle Mfg. Co. (Ltd.) (Shingle Mill)
MONTROSE—Frost-Johnson Lumber Co. (Saw Mill)
MORGAN CITY—*Brownell-Drews Lumber Co. (Ltd.) (Cypress Lumber & Shingles)
Chapman-Storm Lumber Co. (Shingles)
*Cotton Bros. Cypress Co. (Ltd.) (Lumber & Shingles)
MORLEY—*Morley Cypress Co. (La. Cypress)
MOUND—Pelican Lumber Co., (Saw Mill)
MYRTIS—*Southern Lumber Co,
NAPLES—*Naples Lumber Co. (Ltd.) (Saw Mill)
NAPOLEONVILLE — *Napoleon Cypress Co. (Ltd.)
NATALBANY—*Natalbany Lumber Co. (Ltd.) (Yellow Pine)
NATCHITOCHES—Johnson W. F. Lumber Co. (Saw & Planing Mill)
NEAME—Delta Land & Timber Co. (Saw & Planing Mills)
NEW IBERIA—*Renoudet P. L. Lumber Co. Ltd.) (Saw Mill)
NEWLIN—*Strange W. G. Lumber Co. Ltd.
NEW ORLEANS—§Acme Lumber Co., (Ltd.), 1023 Hibernia
*Algiers Saw & Planing Mill Co, (Saw & Planing Mills), 429 Patterson
*Ascension Red Cypress Co., Ltd.
§Bateman J. B. Jr., Whitney bldg
*§Berwick Lumber Co., Ltd., Cleo. & Freret
§Boudreaux L. S.
*Carre W W. Co., Ltd. (Yellow Pine Exporters), 814 Hibernia bldg
§Central Mfg. & Lumber Co. (Ltd.), S Salcedo & Perdide
§Crescent Lumber Co., Ltd.
Creosoted Materials Co. Inc., Queen & Crescent bldg
§Downman R. H., Hibernia bldg
§Forcheimer Hugo (Exporter, Logs, etc), Whitney bldg
Goodland Cypress Co., Hibernia bldg (Red Cypress, Mills: Chacahoula, La.
Higgins A. J. Lumber & Export Co., Whitney bldg
§Knoop Otto Lumber & Realty Co., 1217 Julia
*Lambou & Noel Lbr. & Mfg. Co.
Louisiana Red Cypress Co. (Rough & Dressed Red Cypress & Hardwoods), 814 Perdido
*Maurepas Milling Co. (Saw Mill)
*Moore Lucas E. Stave Co., Weis bldg (White Oak Cooperage Stock & Hardwood Lumber Co, etc.)
§Opdenweyer-George Lumber Co., Perdido & Lopez
*Otis Mfg. Co., Octavia & River (Mahogany)
*Pointe Coupee Stave & Lumber Co.
§Poitevent & Favre Lbr. Co., L & L & G. bldg
§Rees-Scott Co. (Ltd.), 911 Hibernia bldg (Exporters, Staves & Lumber)
§Roberts & Co., 1419 Gravier
Robinson Lumber Co, 717 Whitney (Yellow Pine, Satin, Walnut, etc),
*Ruddock Orleans Cypress Co., Carrollton av & New Basin (Cypress Lumber)
*Salmen Brick & Lumber Co., Ltd., (Yellow Pine, Cypress Lumber), Whitney bldg
*Schut & Kiehn, Hennen bldg (Hardwood Exporters)
Southern Pine Ass'n
§Southern Saw Mill Co., Ltd., Whitney bldg (Red Cypress)
Standard Export Lbr. Co. (Yellow Pine), Whitney Central bldg
Sutherland L. J. & Co. (Exporters Pitch, Pine, Timber, Staves)
Thomas G. H. A. Co., Broad & Poydras
Union Lumber Co.
OAKDALE—§Bowman-Hicks Lumber Co., (Saw & Planing Mills)
Forest Lumber Co. (Cypress, Southern Yellow Pine)
OBERLIN—Williams Bros. Lumber Co. (Saw Mills)
*Industrial Lumber Co. (Yellow Pine)
OXFORD—Roberts Lumber & Grain Co., Inc. (Saw & Planing Mills)
PATTERSON—*Riggs Cypress Co. (Ltd.) (Lumber & Planing Mill)
Williams F. B. Cypress Co. (Ltd.)
PAWNEE—Pawnee Land & Lumber Co. (Cypress, Southern Yellow Pine)
*Norman Felix (Saw & Planing Mills)
PEARL RIVER—*Crandall & Brown Cypress Co. (Saw Mill)
PEASON—*Peavy-Wilson Lumber Co. (Saw & Planing Mills)
PICKERING—*Pickering W. R. Lumber Co. (Yellow Pine). (See Kansas City, Mo.)
PINEWOOD—Roberts Lumber Co. (Saw Mill)
PLAQUEMINE—Liebke Lumber Co., Inc. (Saw Mill)
Plaquemine Stave & Heading Co. (Ltd.)
Moorman E. S. & Son
*Schwing Lumber & Shingle Co. Ltd. (Cypress)
*Wilbert's A. Sons Lumber & Shingle Co. (Red Cypress, Lumber & Shingles)
PLATTENVILLE—*Baker-Wakefield Cypress Co. (Cypress & Hardwood)
POLLOCK—*Ball J. F. & Bro. Lumber Co. (Saw & Planing Mills)
PONCHATOULA—Williams Lbr. Co.
PORT BARRE—Port Barre Timber & Tie Co. (Saw Mill)
RAGLEY—Ragley W. G. Lumber Co. (Saw Mill)
RAMOS—*Ramos Lumber Co. (Ltd.) (Red Cypress Lumber, Lath & Shingles)
RAMSAY—St. Tammany Lumber Co. (Saw & Planing Mills)
RAVENSWOOD — *Scotland Lumber Co. (Saw & Planing Mills)
RAYVILLE—Richland Parish Lumber Co. (Saw Mill)
RED FISH—Glenn Lumber Co., Ltd. (Saw Mill)
RHODA—Waddell-Williams Lumber Co. (Saw Mill)
ROBERT—Graves & Patenotte, Inc. (Saw Mill)
ROCHELLE—*Tremont Lumber Co. (Saw & Planing Mills)
RUSTON—*Adams J. A. & Sons Co. (Ltd.) (Staves)
§Cleaton J. A.
Reed Bros. Lumber Co. (Saw Mill)
*Ruston Mfg. Co. (Planing Mill)
ST. JAMES—*Bowie Lumber Co. (Saw & Planing Mills)
ST. LAUDRIF—*Holly Ridge Lumber Co.
ST. MARTINVILLE—§Burdin J. J. & Bro. Lumber & Saw Mill)
SALINE—*Payton Bros. Lumber Co.
SELMA—*Grant Timber & Mfg. Co. (Yellow Pine)
SHAMROCK—*Brown Lumber Co. (Saw & Planing Mills)
SHREVEPORT—*Bolinger S. H. & Co. (Ltd.), (Saw Mill & Planing Mills)
*Bradford-Hicks Lumber Co.
§Commercial Lumber Co.
*Frost-Johnson Lumber Co.
§Nelson Jacks Lumber Co.
*Peavy-Byrnes Lumber Co. (Calcasieu Long Leaf Virgin Pine)
§Shreveport Lumber Co. (Hardwood)
§Snyder Wagon Co., Ltd. (Saw Mill)
*Victoria Lumber Co. (Ltd.), (Planing Mill, etc)
*Weaver Bros. (Saw Mills)
*Werner Louis Stave Co.
SLIDELL—Salmen Brick & Lumber Co. (Saw & Planing Mills)
Southern Creosoting Co., Ltd. (Saw & Planing Mills)
SONDHEIMER—Sondheimer & Co. (Saw Mill)
SORRENTO—Opdenweyer-Alcus Cypress Co.
SPRINGFIELD—*Bakenridge Lumber Co. (Ltd.), (Saw Mill)
Springfield Lumber Co., Ltd, (Saw Mills)
Thomas G. H. A. (Saw Mill)
SPRINGHILL—*§Pine Woods Lumber Co. (Saw & Planing Mills)
STANDARD—Louisiana Central Lumber Co. (Saw Mill)
*Powers & Critchett (Saw & Planing Mills)
SULPHUR—Powell Lumber Co. (Saw & Planing Mills)
TALISHEEK—*Ozone Lumber Co. (Ltd.)
TALLULAH—§Mosberger Lumber Co. (Saw Mill)
TIMBERTON—Excelsior Cypress Co. (Saw & Planing Mill)
TIOGA—*Lee Lumber Co. (Saw & Planing Mills)
TROUT—Trout Creek Lumber Co. (Saw Mill)
URANIA—Urania Lumber Co. (Ltd.), (Long Leaf Yellow Pine, R. R Construction & Car Materials)
VICTORIA—Louisiana Longleaf Lumber Co. (Saw & Planing Mills)
VIVIAN—*Thomason W. J.
WASHINGTON—Gibbins T. C. (Saw Mill)
*Thistlewaite Lumber Co. (Ltd.), (Saw Mill)
WESTLAKE—*Krause-Managan Lumber Co. (Ltd.)
*Lock, Moore & Co. (Ltd.), (Long Leaf Yellow Pine)
WEST MONROE—*West Monroe Mfg. Co. (Ltd) (Sashes, Doors, etc)
WHITECASTLE—*Whitecastle Lumber & Shingle Co. (Ltd.), (Red Cypress)
WILDSVILLE—Baxter Lumber Co. (Saw Mill)
WINNFIELD—*Mansfield Hardwood Lumber Co.
Tremont Lumber Co. (Yellow Pine)
WINNSBORO—Steele & Johnson (Saw Mill)
WISNER — *§Pritchard-Wheeler Lumber Co. (Saw & Planing Mills)
WOODWORTH — *Rapids Lumber Co. (Ltd.), (Yellow Pine)
WYATT—*Wyatt Lumber Co. (Ltd.), (Yellow Pine)
YELGAR—*Bucley Lumber Co.
ZIMMERMAN—*Bentley J. A. Lumber Co. (Yellow Pine)
ZONA—Sanford F. L. (Saw Mill)
ZWOLLE—Sabine Lumber Co. (L. L Yellow Pine)

MAINE.

ALEXANDER — *Dowelley George B. (Shingles)
ALFRED—*Jordan B. C.
ARROWSIC—*Crosby Bros. Co. (Saw Mill)
AUBURN—*Hutchins H., Wesley Co. (Basswood Veneer)
*Winter Frank W.
AUGUSTA—*Augusta Lumber Co. (Pine & Spruce Lumber, Lath & Shingles)
Kennebec Lumber Co. (Saw Mill)
Viles & Gannett
BANGOR—*Bangor Lumber Co.
*Cassidy John & Son
Eastern Mfg. Co.
*Morse & Co. (Saw & Planing Mills)
BARING—*Chase-Granville Co. (Saw & Planing Mills)
BAR MILLS—*McKenney Chas. H.
BATH—*Bath Box Co. (Saw & Planing Mills)
*Passmore H. T. (Lumber & Mill Work)
BIDDEFORD—Deering J. G. & Son (Saw & Planing Mills)
BINGHAM—Bingham Lumber Co. (Saw & Planing Mills)

MAINE—continued
BREWER—Penobscot Lumber & Box Co. (Planing Mill)
BRISTOL—*Muscongus Lumber Co. (Saw & Planing Mills)
CALAIS—Eaton H. F. & Sons
*Murchie Chas. F.
CASCO—*Hancock S. O.
DANFORTH—Putnam H. H. (Saw Mill)
Welsford Lumber Co. (Saw & Planing Mills)
EAGLE LAKE—Fish River Mfg. Co. (Saw & Planing Mills)
EAST HAMPDEN—Sterns Lumber Co.
ELLSWORTH FALLS—*Treworgy, Chas. J. Corp. (Staves, Headings, Shingles & Box Shooks)
§Whitcomb, Haynes & Whitney (Spruce & Hemlock Lumber, Lath & Shingles)
GARDINER—*Gray Joshua & Sons (Lumber, Shingles & Lath)
ISLAND FALLS—*Mattawamkeag Lumber Co.
LIMESTONE—*Noyes A. L.
LONG POND—*Kellogg Lumber & Mfg. Co. (Saw & Planing Mills)
MILFORD—Barker Lumber Co. (Saw Mill)
MILLINOCKET—Rush Frank W. (Saw & Planing Mills)
MILO—*Boston Exclesior Co. (Saw & Planing Mills)
NEW GLOUCESTER—Chandler Bros.
OLD TOWN—*Jordan Lumber Co. (Box Shooks & Lumber)
*Wing-Engel Box Co. (House Finish, Box Shooks, etc)
PASSADUMKEAG—Passadumkeag Lumber Co. (Saw Mill)
PORTLAND—*Allen Wm. A. Co. (Wood Mantels, Tiling of all kinds, Posts, Rails, Columns, etc., House & Church Finish)
*Brown Co. (Spruce Lumber, Clapboards, Shingles, Lath Pickets, Dimension Boards, etc.)
Hamlen J. H. & Son (White Pine & Spruce)
*McDonald Mfg. Co.
*Richardson, Dana & Co. (So. Pine, Cypress & Hardwood)
RUMFORD—*Dunton Lumber Co. (Saw Mill)
SHERIDAN—Ashland Co. (Saw Mill & Planing Mills)
SHIRLEY MILLS—*Shirley Lumber Co.
SOLDIER POND—Daigle A. F. & Son (Saw Mill)
SOLON—Solon Lumber Co. (Saw & Planing Mills)
SOUTH BREWER—*Bangor Lumber Co.
SOUTH GARDINER—*Lawrence Bros. Co.
STILLWATER—McNulty & Whittier Co. (Saw Mill)
STRONG—*Starbird C. V. (Saw & Planing Mills)
VAN BUREN—*Hammond Lumber Co. (Saw & Planing Mills)
*St. John Lumber Co. (Saw & Planing Mills)

MARYLAND.

BALTIMORE—§Alcock John L. & Co. (Exporters of Hickory, Oak, Poplar & Walnut), Munsey bldg
§American Lumber Co. (Lumber & Shingles), 901 S Caroline
§Asendorf J. H. & Co. (Ga., N. C. & Va. Yellow Pine), Stewart bldg
Baer R. P. & Co. (Hardwood), Md. Casualty Tower
§Burgan Wm. M. (N. C. Pine & Cypress & Shingles), American bldg
§Canton Lumber Co. (Kiln Dried N. C. Pine, Ga. & Va. Sizes), Boston
§Carter David T. & Co. (Hardwood Mfrs.), West & Sterrett
§Dill Lewis & Co. (Long & Short Leaf Yellow Pine), Keyser bldg
Duker Otto & Co. (Planing Mill), Fleet & Albemarle
§Edwards B. W. & Sons (Short & Long Leaf Yellow Pine), 17 S Gay
Georgia Pine Co. (Cedar & Pine), Elliott & Linwood av.
§Gilbert J. L. & Bro. Lumber Co., E Falls & Eastern avs
Grube Herman L. (Hardwood Lumber, Piling, Posts, Ties, Poles, etc), American bldg
§Heise & Bruns Mill & Lumber Co., 600 S Caroline
§Horstmeier Lumber Co. (N. C. Pine), Stiles & E Falls av
HOSKINS J. S. LUMBER MFG. CO. (Pine & Hardwood Lumber, Ties, Piling, Poles, Posts, Spars, Masts, Ship & Decking Timbers, Knees, Treenails, etc.), Md. Casualty Tower
Jackson E. E. Lumber Co. (Long Leaf Yellow Pine), Keyser bldg
*James Lumber Co., 921 Aliceanna
Johnson, Greenleaf & Son (Rough N. C. Pine & Hardwoods), Marine Bank bldg
Lafayette Mill & Lumber Co., Lafayette av & P B & W R R
§Matthews Thos. & Son (Timber, Yellow, White & Oregon Pine, Cypress Oak & California Redwood), Clare
Merryman, Ridgaway (Va. & N. C. White Pine & Cypress), Marine Bank bldg
§Natwick J. & Co. (Hardwoods), Munsey bldg
Price J. McD. (Hardwood), Knickerbocker bldg
§Price & Heald (Hardwood), Marriott & Decatur
§Ryland & Brooks Lumber Co. (Va., N. C. & Ga. Pine & Hardwood Framing Board & Dressed Lumber), American bldg
*Shryock Thos. J. & Co. (Pine, Hardwood, etc), 717 S Caroline
*Surry Lumber Co., Union Trust bldg
§Waggner Lewis Co. (Long & Short Leaf Yellow Pine), Wolfe & Thames
§Waters Geo. E. & Co., 922 Park av
§Womble Pembroke M. (Cedar, Pine, etc), Elliott & Linwood av
*Wood R. E. Lumber Co. (Hardwood), Continental Trust bldg
BERWYN—*Bewley Geo. P. (Saw Mill)
BRANDYWINE—*Robinson Aquila T. (Lumber & Ties)
CAMBRIDGE—*Cambridge Mfg. Co. (Lumber, Barrels, etc)
CRELLIN—Kendall Lbr. Co. (Saw & Planing Mills)
CUMBERLAND—§Billmeyer Lumber Co.
*Smouse Thos. F. (White Oak, Car, Lumber)
*Union Lumber Mfg. Co.
HAGERSTOWN—§Dennison Lumber Co.
JENNINGS—Jennings Bros. (Saw & Planing Mills)
SALISBURY—Adkins E. S. & Co. (Inc.), (Lumber, Flooring, Box Shooks, etc)
Day Wm. M. (Saw Mill)
*Disharoon C. R. Co. (Saw & Planing Mills)
*Jackson Bros. Co.
*Miller W. B. & Co. (Lumber & Saw Mill)
*Tilghman Wm. B. Co. (Shingles, etc)
*Williams T. E. & Co.
SNOW HILL—Corddry Co., Inc. (Saw & Planing Mills)

MASSACHUSETTS.

BOSTON—*Atlantic Lumber Co. (Hardwoods, Whitewood, N. C. Pine), 70 Kilby
§Barker Wm. G. Co., 141 Milk.
§Barker & Co. (Pine, Spruce, Cypress, Whitewood), 53 State
§Bearse O. & Son Co. (Mahogany & Hardwood), 79 Milk
§Bickford H. M. Co. (Poplar, Hardwood & N. C. Pine), 70 Kilby
*Blacker & Shepard Co., 409 Albany
§Blanchard Lumber Co., 126 State
§Boston Lumber Co. (Pine & Hardwood), 79 Milk
§Boston Oregon Mast Co. (Pacific Coast Lumber Products Decking Lumber, Red Cedar, Shingles, Masts, Spars & Piling), 131 Coleridge, E Boston
§Buzzell E. H., 71 Kilby
§Chester W. R. & Co., 89 State
§Clapp Alfred, 112 Water
§Connecticut Valley Lumber Co. (Spruce, Pine, Hemlock & Hardwoods), 147 Milk
§Curtis Wm. Sons Co., 30 Eustis
§Curtis & Pope Lumber Co., 774 Albany
Cypress Lumber Co. (Band Sawed Gulf Cypress, Long Leaf Yellow Pine, Poplar & Cottonwood, etc), 88 Broad
§Davenport Peters Co., 70 Kilby
§Furber, Stockford & Co., 89 State
§Godfrey L. N. Co. (Pine, Poplar & Maple & Oak Flooring), 60 Congress
§Hall Lumber Co. (Northern, Eastern & Southern Lumber), 101 Milk
§Hammond Edw J. Co. (Hard & Soft Wood), 79 Milk
§Haskins Wm. & Son, 110 State
*Huckins P. S. Co. (Georgia Yellow Pine), 40 Central
§Hurd Jos. A. Lumber Co. (Pine, Hardwood Lumber, Cedar Shingles, Dark Timber, etc.) 53 State
§James E. B. Lumber Co., 20 Central
§James & Abbott Co., 155 Milk
§Jones Hardwood Co. (Hardwoods, Cypress & Yellow Pine Flooring), 10 High
§Litchfield Wm. E. (Hardwood), 70 Kilby
§McQuesten Geo. Co., 27 Kilby
§Noyes Walter D., 148 State
§Palmer & Parker Co. (Mahogany, Hardwood Lumber & Veneers), 103 Medford Chan
§Parker & Page Co. (N. C. Pine, Cypress & Hardwood), 40 First, E. C.
*Richardson A. H. Lumber Co. (Spruce, Hemlock & Pine), 176 Federal
§Shepard & Morse Lumber Co. (Cypress & Hardwood), 201 Devonshire
*Skillings, Whitneys & Barnes Lumber Co., 79 Milk
St. Croix Paper Co. (Spruce & Hemlock Boards), 244 Washington.
STEARNS A. T. LUMBER CO. (Cypress, Yellow Pine, Ash and Other Wood Doors, Sash, Blinds, Building Trim, Cabinet Work, Flooring, Shingles, Tanks, etc.), 100 Taylor
See adv index at end of book
§Stebbins H. B. Lumber Co., Mason bldg.
§Stetson, Cutler & Co., 70 Kilby
§Stone Lumber Co., 50 Congress
Weston W. M. Co. (Hardwood), 120 Milk
§Wiggin H. D. (Hardwood), Fiske bldg.
Wiggins H. H. & Co. (Ind. & Southern Hardwood & Imp. of Mexican Mahogany), 50 Terminal
§Wood A. M. Co., Charlestown
§Wood Jas. A., Ames bldg.
Woodstock Lumber Co. (Saw & Planing Mills)
CAMBRIDGE—§Wood W. H. Lumber Co. (Hardwood)
FALL RIVER—*Erickson G. & Bro. (Saw & Planing Mill)
*Prosser Wm. & Son
FITCHBURG—§Priest C. A. Lumber Co. (Laths, Clapboards, Shingles, Lumber, etc)
HAVERHILL—*Hayes C. H. Corp (Saw Mill)
LAWRENCE—*Lawrence Lumber Co. (Lumber & Mfr. Boxes)
*Pingree D. W. Co. (Lumber & Mfr. Boxes)
LOWELL—*Allen Otis & Son Co. (Lumber, Mouldings & Boxes)
Burnham & Davis Lumber Co. (Shingles, Clapboards, etc)
*Cady Geo. L. & Sons (Lumber, Packing Boxes, Box Shooks, etc)
*Cheney Frank P. (Boxes, Box Shooks, Cloth Boards & Dealer in all kinds of Lumber)
*Davis & Sargent Co. (Lumber, Packing Boxes, Planing Mill, etc.)
*Pratt, Amasa Co. (Veneered Doors, etc)
MARBLEHEAD—Bowden Thos. J. & Son (Saw Mill)
MILLBURY—Rice A. W. (Saw Mill)
MONSON—Squier & Co.
NEW BEDFORD—Acushnet Sawmill Co. (Saw & Planing Mills)
NORTH ADAMS—Dibble S. B. Lumber Co.
NORTH READING—*Upton Henry A. (Saw Mill)
PITTSFIELD—§Berkshire Lumber Co.
ROCK—*Atwood L. O. (Saw & Planing Mills)
SPRINGFIELD—§Alexander Geo. F. Lumber Co. (Eastern White & N. Car. Pine), Dept. H
Angers J. A. & Bro. (Shingles)
Bartholomew R. C. (Saw Mill)
§Currier R. B. Co. (Southern & Michigan Pine & New York Spruce; Also Pine & Cedar Shingles)
§Dutton A. C. Lumber Corp. (Pine, Spruce & Pacific Coast Products)
§Morse Fred S.
§Rice & Lockwood Lumber Co. (Pine, Hardwood Shingles)
TOWNSEND—Adams U. S. & Co. (Saw Mill, Cooperage)
Fessenden B. & A. D. Co. (Saw Mill, Cooperage, Lumber)
TYNGSBORO—*Flint A. A. (Saw Mill, Mfr Boxes)
Sherburne W. A. (Saw Mill)
WALPOLE—Morse H. A. & Co. (Saw Mill)
WARWICK—Williams C. A. (Saw Mill)
WESTBORO—*Bartlett Box & Lumber Co. (Saw Mill)
WEST BRIDGEWATER—*Lyon A. S. (Saw Mill)
WEST STERLING—Buck T. & E. R. (Chair Mfr. & Saw Mill)
WEST TOWNSEND—Stickney Clarence (Saw Mill, Cooperage, Lumber)
Thompson Jos. F. (Saw Mill, Cooperage, Lumber)
WORCESTER—§Hackwell E. A. & Co. (Southern Pine, Canada, Western & Northern Lumber)
§Stone & Foster Lumber Co. (Northern, Western & Southern Lumber)

MICHIGAN.

ALPENA—*Fletcher Geo. N. & Sons (Lumber & Saw Mill)
*Holmes Geo. H. & Co. (Lumber Cedar & Hemlock Bark).
*Island Mill Lbr. Co. (Saw Mill)
Michigan Veneer Co.
*Richardson Lumber Co. (Lumber & Saw Mill)
ANN ARBOR—*Luick Bros. & Co. (Lumber & Interior Finish)
ARCADIA—Starke Hy. Land & Lumber Co. (Saw Mill)
ATLANTIC MINE—Stratton D. A. Lumber Co.
BANNISTER—Letts R. G. (Saw & Planing Mill)
BARAGA—*Baraga Lbr. Co. (Saw Mill)
BAY CITY—Bay City Box & Crate Co.
*Bigelow-Cooper Co. (Saw & Planing Mills)
§Black Robert & Co. (Pine & Hardwood)
*Bradley, Miller & Co. (Lumber, Shingles, Lath & Box Shooks)
*Eddy Bros. & Co. (White Pine & Mill Work)
*Foss E. B. (White Pine Lumber, Laths & Shingles)
*Godkin John (Saw Mill)
*Goldie Wm. Jr. (Cooperage Stock)
*Handy Bros. (Box Shooks)
Hanson-Ward Veneer Co.
*Kneeland Bigelow Co. (Pine, Hemlock & Hardwood)

*Lamont Matthew Sons Co. (Planing Mill, Lumber, Sash, Doors, etc)
*Lewis Mfg. Co. (Sash, Doors, Lumber)
*Mengel E. T. (Pine & Box Shooks)
*Nickless W. H. (Box Shooks & Crates, Flooring & Car Planing)
Richardson Lumber Co. (Saw Mill)
§Ross & Wentworth (Saw Mill)
Vance E. J. Box Co. (Box Shooks)
*Young W. D. & Co. (Hardwood Lumber & Flooring)

BELLAIRE—*Hosmer W. A.

BENTON HARBOR—*Preston W. A. (Lumber & Interior Finish)

BERGLAND—*Bergland G. A. (Saw Mill)

BIG BAY—*Lake Independence Lumber Co. (Saw & Planing Mills)

BIG RAPIDS—*Hood & Wright (Veneer & Panels)
*Ward Bros. (Bicycle Woods & Lumber)

BOYNE CITY—*Boyne City Lumber Co.
*Von Platen Geo. (Lumber & Saw Mill)
*White W. H. Co. (Hemlock, Maple, Soft & Rock Elm, Basswood, Beech, Cedar, Shingles, Tan Bark, etc)

CADILLAC—*Cadillac Handle Co. (Saw Mill)
*Cadillac Veneer Co.
Cobbs & Mitchell (Maple Flooring, etc)
*Cummer-Diggins Co. (Hemlock & Maple Flooring)
*Mitchell Bros. Co. (Maple, Red Oak, Beech Flooring, Basswood Bevel Siding, Mich. Hardwood, Hemlock Lumber & Lath)
Murphy & Diggins (Hardwood, etc)
*Williams Bros. Co. (Saw Mill)

CALDERWOOD—*De Laittre & Anderson Co. (Saw & Planing Mills)

CALUMET—*Armstrong-Thielman Lumber Co. (Lumber, Lath, Shingles, Mouldings, etc)

CEDAR—*Culver M. A. & Son (Planing Mill)

CEDAR RIVER—*Crawford Samuel & Sons (Lumber)

CHARLEVOIX—Charlevoix Lumber Co. (Hardwood, Hemlock & Pine)

CHARLOTTE—Huber E. S. (Saw Mill)

CHASSELL—*Worcester Lumber Co. (Saw & Planing Mills)

CHEBOYGAN—§Embury-Martin Lumber Co.
Olds M. D. (Lumber, Lath & Staves)

COLEMAN—*Curtice J. E. (Cooperage)

DAGGETT—*Kessler J. (Lumber & Cedar)
Perrizo & Sons ,Cedar)
Weng L. E. & Son (Cedar)

DETROIT—*Alger, Smith & Co. (Long Pine Timber), Penobscot bldg
§Anketell Lumber & Coal Co., Dime 2530 Gratiot
‡Beyster John (Lumber, Planing Mill & Box Factory), 875 Fort, W
*Brownlee Co. (Lumber & Telegraph Poles), River Rouge
§Danaher R. E. Co., Majestic bldg.
*Derry Lumber Co. (Hardwood), Majestic bldg
*Detroit Cedar & Lumber Co. (Ties, Poles, Lumber), Dime Bank bldg
*Detroit Lumber Co. (Lumber & Saw Mill), Jefferson & Junction avs
*Dwight Lumber Co. (Maple & Oak Flooring & Cigar Box Lumber, etc.), River Rouge
*Forman Thos. Co. (Maple & Oak Flooring, Bore & End Matched), 121 Forman
*Grace Harbor Lumber Co. (Hardwood, White Pine, Norway, Hemlock, etc), Mack av & Blaufait, ft Western blvd
*Grayling Lumber Co. (Arkansas Lumber), Ford bldg
*Harding H. W. Lumber Co. (Pine & Hardwoods), Hamilton blvd & Midland av
§Hunton & Weeks, 1015 Russell
Kanouse H. W. Lumber Co. (Yellow Pine & Cypress), Ford bldg
§Kotcher C. W., 649 Gratiot av
*Manistique Lumbering Co., Ford bldg
*NATIONAL MFG. CO. (Slack Cooperage Stock for Flour, Cement, Lime & Sugar Barrels), Dime Savings Bank bldg.
*Restrick Lumber Co. (Lumber & Planing Mill), 992 Vinewood av
§Ross Fred C., 517 Warren av
*Sibley F. M. Lumber Co.
§Sicklesteel Lumber Co. (Hardwoods), 116 Forman av
Stephens Henry & Co. (White Pine & Hardwood), Farwell bldg
Weber J. F. & Co. (Lumber & Planing Mill), 304 Gratiot av
*Yeomans Box Co., 274 Wight

DOWAGIAC—§Judd Wm. F.

EAST JORDAN—*East Jordan Lumber Co. (Saw & Planing Mills)

EASTLAKE—*Peters R. G. Salt & Lumber Co.

EDMORE—*Pfeiffer & Burch (Shingles)

ESCANABA—*Andrews James R.
*Erickson & Bissell (Piling, Ties & Posts)
*Andrews James R.
National Pole Co.
*Stephenson J. Co. (Saw & Planing Mill)

ESSEXVILLE—Courval & Co., (Shingles)

FERRY—Powers & Critchett (Lumber & Lath)

FLAT ROCK—Metler C. L. & Co. (Saw Mill)

FLINT—*Flint Lumber Co. (Planing Mill)
*Hearsch-Wesson Mfg. Co. (Planing Mill)

FOSTER CITY—*Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine). Office, Oshkosh, Wis.

FRANKENMUTH — Veltengruber Bros. (Saw & Planing Mill)

FRANKFORT—*Bellows Elvin H.

GAGETOWN—Quinn & Fahrenkopf (Saw Mill)

GARNET—McLeod D. N. Lumber Co. (Saw & Planing Mills)

GAYLORD—Humphrey Bros. (Planing & Saw Mills)

GLADSTONE — *Northwestern Cooperage & Lumber Co.

GLENWOOD—Hampton Stock Farm Co. (Saw Mill & Mfr. Staves & Headings)

GOBLEVILLE—*Clement J. L. & Sons (Saw & Planing Mill)

GRAND RAPIDS—*§Angell H. C. & Co. (Lumber & Shingles)
*Antrim Iron Co. (Saw Mills)
*Dennis A. L. Salt & Lumber Co. (Hardwoods & Maple & Birch Flooring)
Engel Lumber Co.
*Follmer C. C. & Co. (Lumber & Shingles)
Grand Rapids Lumber Co. (White Pine, Hemlock, Hardwood, etc)
Grand Rapids Veneer Wks. (Saw Mill)
Hackley-Phelps-Bonnell Co. (Bark & Hardwoods)
*Hughart W. O. Jr. (Hardwood)
*Hughart & Kendal (W. Hardwoods)
Letellier F. & Co. (Planing Mill, etc)
Nichols & Cox Lumber Co. (Hardwood, Cottonwood & Hardwood Flooring)
Northland Lumber Co.
Spears C. A. & Son (Lumber, Planing Mill)
§Stearns J. S. Co. (Hardwood etc)
Stiles Bros. Co.
Superior Lumber & Cedar Co., 303-4 Murray bldg
Turtle Lake Lumber Co.
*Van Keulen & Winchester Lumber Co. (Hardwoods) Crating Stock, etc)
§Wagner G. N. Lumber & Shingle Co. (Pine & Red Cedar Shingles & Pine & Hemlock Lumber)

GRAYLING—Hanson R. & Sons (Hardwoods & Cottonwood)
*Kerry & Hanson Flooring Co.
*Sailing-Hansen & Co. (White Cork & Norway Pine)
*Crowl Lumber Co. (Saw Mill)

HARBOR SPRINGS—*Crowl Lumber Co. (Saw Mill)
*Harbor Springs Lumber Co.

HARDWOOD—Anderson P. J. (Cedar Timber)

HARRIETTE—Fellers Bros. (Saw Mill Staves, etc)

HART—*Bennett Lumber & Mfg. Co.
Hart Cedar & Lumber Co.

HARTFORD—Walker L. P. (Saw Mill & Hoop Mill)

HASTINGS—Lombard John T. (Hardwood)

HERMANSVILLE—*Wisconsin Land & Lumber Co. (Hemlock & White Pine Lumber, White Cedar Shingles, Basswood Ceiling, Siding, Mouldings, Hardwood Flooring, etc)

HOLLAND—Scott-Luggers Lumber Co.

HOLLY—*Michigan Truck & Lumber Co.

INGALLS—*Carley Ira (White Cedar Posts, Poles & Shingles)
Dobeas Louis (Cedar)

IRON MOUNTAIN—*Von Platen Lumber Co. (Maple, Birch, Basswood, Elm, Ash, Hemlock & Pine)

IRONWOOD—*Scott & Howe Lumber Co.

ISHPEMING—§Consolidated Fuel & Lumber Co.

JOHANNESBURG — *Johannesburg Mfg. Co. (Basswood)

KALKASKA—*Bockes & Mahan (Lumber & Shingles)

KINGSLEY—*Case & Crotser

LAKE LINDEN—Eddy Lumber Co. (Saw & Planing Mills)

L'ANSE—*Stearns & Culver Lumber Co. (Saw & Planing Mills)

LANSING—*Lansing Co. (Gum & Cottonwood Box Lumber, etc.)

LUDINGTON—Carrom Co. (Backing Lbr.)
Cartier, A. E. Sons Co.
Stearns & Culver
Stearns Salt & Lumber Co.

MANCELONA—*Antrim Iron Co. (Saw Mill)

MANISTEE—*Buckley & Douglass Lumber Co. (Timber, Lath & Shingles)
*Sands Louis Salt & Lumber Co. (Pine, also Lath & Shingles)

MANISTIQUE—*Consolidated Lumber Co. (Saw and Planing Mills)

MANTON—*Clark F. N. (Hemlock Bark & Timber)

MAPLE RAPIDS—*Jones Jas. E. (Saw Mill & Oar Mfr.)

MARION—Wagner J. B. (Shingles)

MARQUETTE—§De Haas N. G.
Marquette Box & Lumber Co.
Schneider & Brown Lumber Co.

MASONVILLE—Stack Lumber Co.

MAYFIELD—*Gibbs Mrs. J. L. (Saw & Shingle Mill)

MENDON—Austin Frank Co. (Lumber & Planing Mill)

MENOMINEE—Crawford Mfg. Co. (Boxes)
*Crawford Cedar Co. (White Cedar)
*Girard Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath, Pickets & Piling)
§Huebel C. J. Co. (Lumber, White Cedar Poles, Posts & Shingles)
*Mansfield, Walter C.
*Menominee River Shingle Co. (Cedar Shingles)
*Menominee White Cedar Co.
Peninsula Box & Lumber Co. (Box Shooks & Boxes)
*Sanford & Treadway (Basswood)
§Spies, Thompson Lbr. Co. (Pine, Hemlock & Cedar Lumber, Lath & Shingles)
*Wells John W. Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)

MIDDLETON — *Middleton Coperage Co.

MIDLAND—*Brown C. (Lbr & Planing Mill)

MONROE—§Sterling W. C. & Son Co. Hardware & Hemlock)

MUNISING—Munising Co. (Hemlock & Hardwood)

Superior Lumber & Cedar Co., Inc. (Saw & Planing Millls)

MUSKEGON — Sanger Lumber Co. (Saw Mill, Lumber), Saw Mills at Sanger, Cal.

NADEAU—*Nadeau Bros. (White Cedar & Hardwood)
Charcoal Iron Co. of America (Saw Mill)

NAHMA—*Bayde Noguet Co. (Saw Mill)

NEWBERRY — Lake Superior Iron & Chemical Co. (See Detroit, Mich.)

NORTHPORT — Kehl Mercantile Co. (Wood, Bark, Ties)

ONAWAY—*American Wood Rim Co.
*Lobdell Emery Mfg. Co. (Hardwood Lumber, Shingles, Maple Flooring, Ties, Poles & Posts)

ONTONAGON—Worcester C. H. Co.
Hawley John (Saw & Planing Mills)
*Greenwood Lumber Co. (Saw & Planing Mills)

OSCODA—*Solomon-Hayes, Cowley Co. (Saw Mill)

PARK LAKE—*Du Roy Mfg. Co. (Lumber & Handles)

PELLSTON—*Pellston Planing Mills
Jackson & Tindle (Saw Mill)

PENTWATER—*Sands & Maxwell Lumber Co.

PEQUAMING—*Hebard Chas. & Sons (Saw & Shingle Mill)

PETOSKEY—*McManus W. L. Lumber Co. (Hardwood & Soft Lumber)
Michigan Maple Block Co. (Lumber & Butchers' Blocks)

PORT HURON—§Haynes Lumber Co. (Lath, Shingles, Lumber, Posts, etc)

RAPID RIVER—Madden Jerry Shingle Co. (Shingles, etc)

REED CITY—*Horner Wm. (Hardwood Flooring)
*Welsh & Kerry Co. (Flooring)

ROSE CITY—Rose City Mfg. Co. (Cooperage Stock)

ST. IGNACE—Jones & Kerry Lumber Co.

SAGINAW—§Batchelor Timber Co. (Saw Mill & Lumber)
*Bliss & Van Auken (Maple Flooring)
*Booth & Boyd Lumber Co. (Lumber, Lath, Shingles & Mill Work)
Brewer F. P. & W. A. (Timber, etc)
*Briggs & Cooper Co. (Ltd.), (Pine, Oak, Ash, Cedar Shingles, etc)
Cornwell Lewis (Estate of) (Saw Mill, Lumber)
*Eastman S. L. Flooring Co.
§Eddy C. K. & Sons Inc. (White Pine Lumber & Logs)
§Fleischman John L. (Hardwoods)
§Fordney J. W. (Lumber & Logs)
*Furstenberg Bros. (Planing Mill, Lumber)
§Galloway-Pease Co.
*Gardner, Peterman & Co. (Cooperage Stock & Shingles)
Germain & Boyd Lumber Co. (Saw & Planing Mill)
§Hill Arthur & Co. (Ltd.), (Pine Lumber)
Hill-Drummond Lumber Co.
Kuehl L. & Co. (Tan Bark & Lumber)
Markey Wm. T. (Hardwood, Lumber & Shingles)
*Mershon, Eddy Parker Co. (Lumber, Box Shooks, Shingles, Laths & Mill Work)
Richardson E. Co. (The) (Timber)
§Rupp J. J. (Pine Logs & Lumber)
*Strable Lumber & Salt Co. (Hardwood)
Wylie & Wilson (Slack Cooperage Stock for Flour, Sugar, Cement, etc)

SAGOLA—Sagola Lumber Co. (Saw & Planing Mills)

SAULT STE MARIE—*Chicago Mill & Lumber Co. (Saw Mill)
Kelly Lumber Co (Saw Mill)

MICHIGAN—continued
SEBEWAING—*Liken & Bach (Stable & Heading)
SHELLDRAKE — *Bartlett Lumber Co. (Saw Mill)
SIDNAW—*Prickett Walter S. (Timber, etc)
STANDISH—Hall, C. F. Milling Co.
TEKONSHA—Randall A. H. Mill Co. (Saw Mill)
THOMASTON—Valley City Lumber Co., Ltd. (Saw & Planing Mills)
TRAVERSE CITY—*Greilick Mfg. Co. (Lumber, Planing & Saw Mill)
Hull-Longnecker Co. (Lumber)
Smith & Hull Co. (Timber, Logs, Bark & Wood)
*Williams W. E. Co.
TROUT CREEK—Trout Creek Mfg. Co., *Weidman & Son Co. (Hardwoods & Hemlock)
THOMPSON—*Chesbrough, A. M. (Saw Mill)
TROUT LAKE—Wilwin Co., Ltd. (Saw Mill)
TWINING—*McCready John (Saw Mill & Lumber)
VANDERBILT—Olds & Hixson (Stave Mfrs)
Yuill Bros. (Loggers)
VERMONTVILLE — Fuller Bros. (Saw Mill)
WALLOON LAKE—Walloon Lake Lumber & Shingle Co.
WATERS—Stephens Henry & Co.
WELLS—*Stephenson I. Co. (Flooring Maple, Maple, Clear & Bird's-eye Maple, Clear & Bird's-eye Maple Flooring, Clear & Red Birch Flooring, etc)
WHITEHALL—*Covell Lyman T. (Lumber, Lath & Shingles)
*Nufer Cedar Co. (Lumber, Shingles & Tin Flate Boxes)

MINNESOTA.

ADA—*Wild Rice Lumber Co.
AITKIN—Hodgeden & McDonald (Saw Mill)
Knox Lumber Co. (Lumber)
AKELY—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Door Stocks & Box Shooks)
ALBERT LEA—Minnesota Lumber Co.
BEMIDJI—Crookston Lbr. Co. (Northern Pine & Hemlock)
BIG FALLS—Duluth Log Co. (Saw & Planing Mills)
BIWABIK—§Colvin-Robb Lumber Co.
CASS LAKE—*Neils J. Lumber Co. Dimension & Timbers; also Boards & Strips Sawed from Norway White Pine; also at Sank Rapids, Minn.)
CLOQUET—*Cloquet Lumber Co. (White Pine Lumber & Saw Mill)
Cloquet Tie & Post Co.
*Johnson-Wentworth Lumber Co. (White Pine Lumber, Lath & Shingles, Saw Mill)
*Northern Lumber Co. (White Pine Lumber)
CROOKSTON—*Crookston Lumber Co. (White Pine)
DEER RIVER—Itasca Lumber Co. (Saw & Planing Mills)
DETROIT—*Bakke S. W. Lumber Co.
DULUTH—*Alger, Smith & Co.
*Burns Lumber Co.
*Duluth Log Co. (Wholesale Posts, Poles, etc)
Duluth Lumber Co.
*Duluth Tie & Pulpwood Co.
*Heimbach Lumber Co.
§Martin Bros. (Ties & Poles)
*National Pole Co.
*Red Cliff Lumber Co. (Lumber, Lath & Shingle)
*Scott-Graff Lumber Co. (Lumber, Lath, etc)
†Shaw P. M. Jr. & Co.
*Swallow & Hopkins, Exchange bldg
*Virginia & Rainy Lake Co.
*Waters, Clark Lumber Co.
*Woodruff Lumber Co.
FAIRBANKS—Dunka River Lumber Co. (Saw & Planing Mills)
FRAZEE—Nichols-Chisholm Lumber Co.
LITTLE FALLS—*Pine Tree Mfg. Co. (White Pine & White Cedar Posts, Shingles, etc)
MAYNARD—*Maynard Lumber Co.
MINNEAPOLIS—American Lumber & Cedar Co., 209 Lumber Exchange
Barnard Arthur H., National Life bldg
Bartelme Co., E Henn & 6th av, S E
*Bell Lumber Co. (Pine, Hemlock & White Cedar Products) Security Bank bldg.
*Bovey-Shute Lumber Co., 1210 McKnight bldg
*Bowman S. H. Lumber Co., Lumber Exchange
Brooks-Scanlon Lumber Co., Plymouth bldg.
§Burkholder Lumber Co., 917 Marquette av
Carpenter W. I. Lumber Co. (Red Cedar Shingles, Siding & Finish, Spruce & Fir), 504 Lumber Exchange
Cedar River Lumber Co., 914 Plymouth bldg.
*Central Lumber Co. (Mixed car lots of Wash'n Fir, Spruce, Cal. Redwood, Hardwood Flooring, Red Cedar, Basswood, Wagon Shook, Bridge Planks, etc.) McKnight bldg.
Central Warehouse Lumber Co., Pillsbury & Territorial
Coolidge & Schussler (Ties,, Poles & Posts, Cedar Poles & Posts), Metropolitan Life bldg
*Crookston Lumber Co. (Northern Pine & Spruce) First National Soo Line bldg.
§De Laittre-Dixon Lumber Co., 1301 20th av N
Dolliff L. P. & Co., 615 Lumber Ex. bldg
§Fullerton Krueger Lumber Co., 915 Lumber Exchange
*Fullerton Lumber Co.
Gipson Lumber Co., 405 Lumber Exchange
Glass J. E. Lumber Co., 1129 Plymouth bldg.
International Lumber Co., Builders' Exchange
*Itasca Lumber Co. (White Pine, Spool Birch, Minn. Poplar, White Cedar Lumber, Ties, Poles & Posts, Cedar Poles & Posts), Lumber Exch.
Learned Lumber Co., 711 Lumber Exchange
Leech Lake Lumber Co., 1128 Plymouth bldg.
§Lewis F. H. (Fir Timber & Idaho Cedar Poles) 636 Lumber Exchange bldg.
Libby Lumber Co.
*McCoy Lumber Co. (Pacific Coast Products) Security Bank
McCulloch-Moss Lumber Co., 310 Lumber Exchange
§Melone-Bovey Lumber Co., 1228 S 4th
§Minneapolis Lumber Co., 943 Lumber Exchange
Morrison J. W. Lumber Co., 927 Lumber Exchange
Nichols-Chisholm Lumber Co.
North Coast Lumber Co., Lumber Exchange
Northern White Cedar Ass'n, Lumber Exchange
*Northland Pine Co. (White & Norway Pine), 1645 Henn av
§Osborne & Clark (White Oak Dimension, Basswood Finish, Box Boards, Siding & Ceiling, Maple Axles, Wagon Tongues & Hardwood Flooring) 300 Lumber Exchange
Page & Hill, 812 Plymouth bldg.
*Park Rapids Lumber Co.
Parker-Kellogg Lumber Co., Lumber Exchange
*Partridge T. M. Lumber Co. (Hemlock, Pine & Hardwood Lath, Northern Pine & Hemlock Lumber, Ties, Poles & Posts) 730 Lumber Exchange
*Pendleton & Gilkey, McKnight bldg.
§Red Diamond Lumber Co., 1200 Central av
*Red River Lumber Co. (White & Norway Pine, Lumber, Lath & Box Shooks) 807 Hennepin av.
Robertson Lumber Co., 1st National Soo Line bldg
Schuette Wm & Co. 642 Lumber Exchange
*Shevlin-Carpenter & Clark Co. (White Pine, Lumber, Lath & Shingles), 112 Lumber Exchange
Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)
Smith Payson Lumber Co., 1015 Plymouth bldg.
§Standard Cedar & Lumber Co. (White Cedar Poles, Posts & Shingles, Pine, Hemlock & Hardwood Lumber) 511 Lumber Exchange
Stuhr Lumber Co., 936 Lumber Exchange
Thief River Falls Lumber Co. Security bldg
Thompson B. N. Co., 620 Lumber Exchange
Three States Cedar Co., 1102 Plymouth bldg
Valentine-Clark Co.
*Waite H. B. Lumber Co. (Wash'n Fir, Spruce & Red Cedar Lumber, Cal. Redwood Lumber & Shingles, Wash'n Red Cedar Shingles, Flooring, Siding, etc). Security bldg.
§Wallace-Ballord Lumber Co., Lumber Exch.
NORTHOME—Island Lake Lumber Co. (Saw Mill)
RED WING—*Forest Products Co. (Hardwood)
ST. PAUL—*Brooks Bros. (Northern Pine, Yellow Pine, mixed car lots, etc) 1923 University av.
Citizens Lumber Co., Pittsburgh av. & Territorial rd.
Gribben Lumber Co., Chicago & Walker
*Martin John Lumber Co., 217 Como av.
Rich-Simons Lumber Co., 460 Cleveland av
*Weyerhaeuser & Co. (White Pine) Merchants National Bank bldg.
SARTELL—Sartell Bros. Co. (Saw & Planing Mills)
SAUK CENTER—Independent Lumber & Coal Co.
SOUTH STILLWATER—*Anderson Lumber Co.
SPOONER—*International Lumber Co. (Saw & Planing Mills)
*Rainy River Timber Co.
STILLWATER—*Interstate Lumber Co., McGrath Jas. E. (White Pine)
*Tozer David Co. (White Pine)
THIEF RIVER FALLS—*Thief River Falls Lumber Co.
VIRGINIA—*Bailey W. T. Lumber Co. (Saw Mill)
*Virginia & Rainy Lake Co. (Saw & Planing Mills)
WHITE PINES — McGrath James E. (White Pine)
WINONA—*Botsford Lumber Co.
*Doud Sons & Co. (Hardwood & Hemlock)
*Hayes-Lucas Lumber Co.
WINTON—St. Croix Lumber & Mfg. Co. (Saw & Planing Mills)
*Swallow & Hopkins (Saw Mill)

MISSISSIPPI.

ACKERMAN—Alford Mfg. Co.
§Choctaw County Lumber Co. (Saw & Planing Mills)
ARBO—Lumber Mineral Co. (Yellow Pine)
ARCADIA—Blanks, H. B. Lumber Co. (Saw Mill)
BATESVILLE—Darnell, R. J., Inc. (Saw Mill)
BAYLAND—Bayou Land & Lumber Co. (Saw Mill)
BAY ST. LOUIS—Wena Lumber Co. (Saw & Planing Mills)
BELZONI—Alexander Bros. (Saw Mill)
§Belzoni Hardwood Lumber Co. (Saw Mill)
BENMORE—Canal Lumber Co. (Saw Mill)
BENTONIA—*Link, Newcomb Mill & Lumber Co. (Hardwood)
BLAINE—Gayoso Lumber Co. (Saw Mill)
BLODGETT—Griffin, J. M. (Saw Mill)
BOGUE CHITTO—*Brister B. E. Mercantile Co. (L. Yellow Pine)
BOND—Bond Lumber Co. (Saw Mill)
BUDE—Homochitto Lumber Co. (Saw & Planing Mills)
BURDETT—*§Wilcox, J. B. & Co. (Saw Mill)
BURNSVILLE—Burnsville Mercantile Co. (Saw Mill)
*§Smith-Fay Lumber Co. (Saw & Planing Mills)
BROOKHAVEN—*Butterfield C. S. Co. (Yellow Pine Lumber & Lath)
CANTON—*Mississippi Soft Pine Co. (Saw & Planing Mills)
CATCHINGS—Belzoni Hardwood Lumber Co. (Saw Mill)
CHARLESTON—§Lamb-Fish Lumber Co. (Band Sawed Oak, Gum & Cypress, etc)
CHICORA—*Robinson Land & Lumber Co. (Yellow Pine, Timber & Rift Flooring)
CLARKSDALE—*Davis, Henry J. & Co. (Saw Mill)
§Sunflower Lumber Co. (Saw Mill)
CLYDE—*Lamar Lumber Co. (Saw & Planing Mills)
COLLINS—*Wood W. C. Lumber Co. (Yellow Pine)
COLUMBIA—White J. J. Lumber Co. (Yellow Pine)
COLUMBUS—Columbus Lumber Co. (Saw & Planing Mills)
Pate D. S. Lumber Co. (Hardwood)
CORINTH—Berkheiser, W. H. (Planing Mills)
Elledge, M. M. Lumber Co. (Saw Mill)
Pocahontas Lumber Co.
*Small W. E., Spoke Mfg. Co. (Spokes)
CUMBERLAND—Pritchard Bros. (Saw Mill)
CYBUR—*Cybur Lumber Co. (Saw & Planing Mills)
DEEMER—New Deemer Mfg. Co. (Saw & Planing Mills)
D'LO—Finkbine Lumber Co. (Saw & Planing Mills)
ELECTRIC MILLS—*Sumter Lumber Co. (Short Leaf Yellow Pine)
EPLEY—Mayor-Sowers Sawmill Co. (Saw Mill)
ESTES—Estes Lumber Co. (Saw Mill)
FERNWOOD—*Enochs Bros. Yellow Pine)
*Fernwood Lumber Co. (L. L. Yellow Pine)
FOREST—*Bienville Lumber Co. (Saw & Planing Mills)
GATESVILLE—Grantham Bros. (Saw Mill)
GLENDORA—*Churchill-Milton Lumber Co. (Saw Mill)
GLOSTER—*§Gloster Lumber Co. (Saw & Planing Mills)
GREENVILLE—Alexander H. N. & Sons
Leavenworth J. H. & Son (Saw Mill)
Wineman A. G. & Sons (Saw Mill)
GREENWOOD—*Churchill-Milton Lumber Co. (Saw Mill)
HAMILTON—Booth, A. W. (Saw & Planing Mills)
HATTIESBURG—*American Lumber & *Brookhaven Lumber & Mfg. Co. (Yellow Pine)
*Firm Lumber Co.

*Hettler Herman H. Lumber Co. (Branch of Chicago, Ill.)
*Newman J. J. Lumber Co. (Yellow Pine), Mills, Sumrall, Miss.
*Nicola, Stone & Meyer Co. (Branch of Cleveland, O.)
Tatum Lumber Co. (Saw Mill)
*Toomer, P. J. Lumber Co. (Saw & Planing Mills)
HIGHT—Norapater Lumber Co. (Saw Mills)
HAZLEHURST—*Hazlehurst Lumber Co. (Yellow Pine)
HILLSDALE—Southern Lumber & Timber Co. (Saw Mill)
HINCHCLIFF—§Taylor & Crate (Saw & Planing Mills)
HOULKA—*Ferguson & Palmer Co. (Saw Mill)
HOWISON—Native Lumber Co. (Saw & Planing Mills)
ISOLA—Bellgrade Lumber Co. (Saw & Planing Mills)
ISSAQUENA—Issaquena Lumber Co.
JACKSON—*Enochs Yellow Pine Co. (Yellow Pine)
Faust Bros. Lumber Co. (Hardwoods, Popular & Red Gum)
Finkbine Lumber Co. (Saw & Planing Mills)
*Maley Henry Lumber Co. (Saw Mill)
Mercantile Lumber Co. (Yellow Pine)
Trenton Lumber Co. (Yellow Pine)
*Yellow Pine Lumber Co (Long Leaf Yellow Pine)
JOSEPHINE—Brashears, W. I. (Saw Mill)
KILN—*Jordan River Lumber Co. (Saw & Planing Mills)
KNOXO—Swift Lumber Co.
KOLA—*Kola Lumber Co. (Yellow Pine)
LAKE—Du Bois John E. (Saw Mill)
LAUREL—*Eastman-Gardiner & Co. (L. L. Yellow Pine, Box Shooks & Hardwood), Dept. H
Gilchrist-Fordney Co. (Southern Yellow Pine, Cypress)
*Lindsey John Lumber Co.
*Marathon Lumber Co. (Yellow Pine)
Wausau Southern Lumber Co. (Southern Yellow Pine, Cypress)
LELAND—Darnell-Love Lumber Co.
LOGTOWN—*Weston H. Lumber Co. (L. L. Yellow Pine)
LOUIN—*Fouke, Geo. W. Lumber Co (Saw Mill)
LOUISE — *Barr-Holaday Lumber Co (Saw Mill)
Bellgrade Lumber Co. (Saw Mill)
LOUISVILLE—Schoyer A. C. Lumber Co (Saw & Planing Mills)
LUMBERTON—*Hinton Bros. Lumber Co
*Hines Edw. Lumber Co. (Saw & Planing Mills)
LYMAN—Ingram-Day Lumber Co. (Saw Mill)
McLAIN—*Coleman Green Lumber Co.
Ferguson S. J. Lumber Co.
MACON—Sherrod. W. L. (Saw Mills)
MENDENHALL—*Gulledge Lumber Co (Saw & Planing Mills)
MERIDIAN—Gray C. L. Lumber Co.
*Acme Bldg. Sup. Co. (Planing Mill)
§Darrah, R. F. Lumber Co. (Saw Mill)
Gray C. L. Lumber Co.
Gulf States Lumber Co. (Yellow Pine)
§Hart J. L. Lumber Co. (Saw & Planing Mills)
Southern Planing Mill
Tartt, J. E. (Saw Mill)
MERRILL—Merrill, F. B. Co. (Saw Mill)
MILLARD—*Baston-McGehee Co. (Saw & Planing Mills)
MIZE—Cooley Bros. Lumber Co. (Saw Mill)
MONTROSE—Montrose Lumber Co. (Saw Mill)
MOORHEAD—Kraetzer Cured Lumber Co. (Saw & Planing Mills)
*Kraetzer Cured Lumber Co. (Saw & Planing Mills)
*Rich W T. Lumber Co.
MORTON—*Hall & Legan Lumber Co. (Saw & Planing Mills)
MOSS POINT—*Dantzier L. N. Lumber Co. (Yellow Pine & Rift Flooring)
*Bounds J. (Saw Mill)
McIntosh Lumber Co.
O'Leary Mill Co. (Saw & Planing Mills)
NATCHEZ—*Learned R. F. & Son (Cypress)
NEW AUGUSTA—Tallahala Lumber Co. (Saw & Planing Mills)
NEWTON—Chapman, H. T. (Saw Mill)
NOXAPATER—Perry-Fraser Lumber Co. (Saw Mill)
Winston Lumber Co. (Saw & Planing Mills)
Tallahala Lumber Co.
ORANGE GROVE—Miller T. J. (Saw Mill)
Orvisburg Cecil Lumber Co.
PADEN—Haynes-Walker Co. (Saw Mill)
Nixon C. K. (Planing Mill)
PASCAGOULA—*Scranton Shingle Co.
PELAHATCHEE—*Gammill Lumber Co.. (Saw and Planing Mills)
PERCY—*Triangle Lumber Co. (Saw Mills)
PETAL—*McInnis Lumber Co. (Saw & Planing Mills)
PHILADELPHIA—Dewees-Rogers Lumber Co. (Saw Mill)
§Henderson-Moipus Co. (Saw & Planing Mills)
PHILIPP—*Tallahatchie Lbr. Co. (Hardwood)
PICAYUNE—*Rosa Lumber Co. (Saw Mill)
PINEBUR—Price F. V. B. & Co. (Saw Mills)
PLANTERSVILLE—Repult J. W. (Saw Mill)
POPLARVILLE—Dupont Lumber Co., Inc., (Saw & Planing Mills)
QUITMAN—Long-Bell Co. (Saw & Planing Mills)
RED LICK—Wood-Russ Lumber Co. (Saw & Planing Mills)
RICHTON—Richton Lumber Co. (Saw Mill)
SANFORD—*Ship Island Lumber Co. (Yellow Pine)
SAPA—*Miller Lumber Co. (Saw & Planing Mills)
SARDIS—*Carrier Lumber & Mfg. Co. (Hardwood Lumber & Bent Woodwork, Red Gum, Oak Flooring & Rotary Cut Veneers)
SHUBUTA—*Brownlee Lumber Co. (Saw & Planing Mills)
SHUQUALAK — *Futvoye-Paterson Co. (Saw & Planing Mills)
SIDON—Brown & Gregory (Saw Mill)
STEPHENSON—Foster Creek Lumber Mfg. Co. (Saw & Planing Mills)
SUMMIT—Craft W. H. (Saw Mill)
SUMRALL—*Newman J. J. Lumber Co. Office: Scranton, Pa.
SUNFLOWER—*Ward Lbr. Co. (Saw Mill)
TEN MILE—*Ten Mile Lumber Co. (Yellow Pine)
TOMNOLEN—*Pellez F. (Saw & Planing Mills)
UNION—*Buckwalter J. R. Lumber Co. (Saw & Planing Mills)
Southern Planing Mill
VICKSBURG—*Anderson-Tully Co. (Saw & Planing Mills)
*Bracken Lumber Co. (Hardwood & Poplar)
*§Houston Bros. (Hardwoods, Yellow Pine & Cypress)
WAYNESBORO—Wetherbee-Huggins Co. (Yellow Pine)
WIGGINS—*Finkbine Lumber Co. (Saw & Planing Mills)
WINCHESTER—Meador J. G. (Saw & Planing Mills)

MISSOURI.

BETHANY—Ashby Bros. Lumber Co.
*Miner & Frees Lumber Co
BUCODA—Hemphill Lumber Co. (Saw Mill)
BUNKER—*Bunker-Culler Lumber Co.
BUTLER—Logan-Moore Lumber Co. (See Kansas City, Mo.
CANTON—Canton Planing Mill Co. (Saw Mill)
CAPE GIRARDEAU—*Himmelberger-Harrison Lumber Co. (Gum, Oak, etc)
*Leming M. E. Lumber Co.
COFFEY—§Crossan, Miner & Frees
DEERING—Wisconsin Lumber Co. (Saw Mill)
DES ARC—*Graves & Stamp
DEXTER—Disher Anderson E
FREDERICKTOWN — *Fredericktown Lumber Co. (Yellow Pine & Oak Lumber & Mfrs. Wagon Hubs)
GIDEON—*Gideon-Anderson Lumber & Mercantile Co. (Hardwood)
GLASGOW—*Rall Bros. (Hardwoods, Native)
GRANDIN—*Missouri Lumber & Mining Co. (See West Eminence)
HARRIS—Durman L. C. (Saw Mill)
HARVIELL—*Mangold Stave & Cooperage Co. (Lumber, Beer & Wine Casks, Staves & Headings). (See St. Louis)
JOPLIN—§Stewart Lumber Co.
KANSAS CITY—*American Sash & Door Co.
*Anson Shingle & Lumber Co.
Arkansas Short Leaf Lbr. Co. (Pine, Oak, Gum, Elm, & Ash), R. A. Long bldg.
*Badger Lumber Co., 3401 E 15th
§Bernardin J. M. Lumber Co. (Yellow Pine)
*Bowman-Hi ks Lumber Co. (Yellow Pine)
Byrne-Renfro Lumber Co. (Cypress & Shingles)
*Buchanan Wm. (Yellow Pine)
Caddo River Lumber Co. (Yellow Pine) R. A. Long bldg.
Cameron Lbr. Co., Long bldg.
*Carter C. J. Lumber Co. (Short Leaf Yellow Pine Finish Flooring & Siding) R. A. Long bldg.
*Central Coal & Coke Co. (Yellow Pine), Keith & Perry bldg
*Chapman & Dewey Lumber Co. (Hardwood) Rialto bldg.
Chatten S. H. Lumber Co. & Inter State bldg.
§Chicago Lumber & Coal Co., R. A. Long bldg
Choctaw Lumber Co. (Yellow Pine)
*Connelly Hardwood Lumber Co. (Oak, Ash, Cypress, etc) 180 Indiana av
Delta Land & Timber Co.
Dickason Goodman Lumber Co., K. & P. bldg.
Dierks Lumber & Coal Co. (Oak, Southern Yellow Pine, Cypress, Oak) Gates bldg.
Doniphan Lumber Co. (Yellow Pine). Mills: Kensett, Ark.
Forest Lumber Co. (Cypress, Southern Yellow Pine), R. A. Long bldg
*Foster Lumber Co. (Yellow Pine) R. A. Long bldg.
§Hope Geo. D. Lumber Co. (Yellow Pine), R. A. Long bldg
*Ingham Lumber Co. (Arkansas Lumber) R. A. Long bldg.
*Leidigh & Havens Lumber Co. (Yellow Pine) R. A. Long bldg.
§Logan-Moore Lumber Co.
*Long-Bell Lumber Co. (Yellow Pine)
§Matthews C. E. Lumber Co.
*Merrill & Co. (Hardwood), 1700 Brooklyn av,
*Missouri Lumber & Land Ex. Co. (Missouri & Louisiana Yellow Pine & Oak Flooring), R. A. Long bldg
*Penrod Walnut & Veneer Co. (Black Walnut)
*Pickering W. R. Lumber Co. (Yellow Pine, R. A. Long bldg. Mills: Pickering, La.
Smith M. R. Lumber & Shingle Co.
KENNETT—*Hemphill Lumber Co. (Saw & Planing Mills)
LEETON—*Leeton Lumber Co.
LOUISIANA—La Crosse Lumber Co.
MARQUAND—*Whitener J. Q. D. Land & Lumber Co. (Saw Mill)
MOREHOUSE—*Himmelberger - Harrison Lumber Co. (Red Gum, White & Red Oak, Ash, Elm & Cypress, Rough, Dressed & Worked to Order)
MOUNTAIN GROVE—Landers & Barker Co. (Saw & Planing Mills)
NEW MADRID—*Loud Mrs. E. A. (Staves & Lumber)
*Mann & Garanflo Land & Lumber Co.
PACIFIC—Koppitz-Smith Mill Co.
POPLAR BLUFF—*Ferguson & Wheeler
§Galloway-Pease Co. (Saw Mill)
*Hargrove & Ruth Lumber Co.
*Ruth Lumber Co.
PORTAGEVILLE—Haines E. C. (Lumber Saw & Planing Mill)
POTOSI—§Cordia Tie & Lumber Co. (Saw & Planing Mills)
Potosi Tie & Lumber Co. (Saw Mill)
RIDGEWAY—Miner & Frees Lbr. Co.
ROCKBRIDGE—Harwood S. F. (Saw & Planing Mills)
ST. JOSEPH—Collier-Adams Mfg. Co.
§Nold C. H. Lumber Co.
ST. LOUIS—*Abeles & Taussig Tie Corp. (Yellow Pine), Commercial bldg
*Am. Hardwood Lbr. Co. (Oak, Poplar, Ash, etc.), North Market & 1st
Antrim Lumber Co. (Cypress Yellow Pine & Shingled), Wright bldg
*Bagnell Timber Co. (R. R. Ties), Title Guaranty bldg
§Banner Lumber Co., 7353 Manchester
§Berthold & Jennings Lumber Co. (Long Leaf Yellow Pine, Oak & Cypress Lumber, Bridge Timbers, Piling & Telegraph Poles) Arcade bldg
Boeckeler Lumber Co. (Yellow Pine) White Pine), Hall & Mallinckrodt
Boynton Land & Lumber Co., 915 Olive
*Buchanan Wm. (Yellow Pine), Arcade bldg
*Chicago Mill & Lumber Co. (Yellow Pine, Oak & Cypress, Hemlock & Gum Lumber & Cedar, White Oak & Black Locust Poles, Posts & Pilings, Red Cedar, Cypress & White Pine Shingles, White Pine, Cypress, Yellow Pine Lath), 300 Chonteau av
§Chivvis W. R. (Hardwood), ft. Lafayette av
*Consolidated Saw Mills Co. (Short Leaf Yellow Pine), Arcade bldg
*Egyptian Lbr. Co. (Ties, etc.)
*Ferguson W. T. Lumber Co. (Yellow Pine), Wright bldg
*Frost-Johnson Lumber Co. (Yellow Pine, either Straight or Mixed Cars), Boatmens Bank bldg
§Ganahl Lumber Co., Newstead & Duncan
*Garetson-Greason Lumber Co. (Ash, Oak, Cypress & Gum)
*Garrett T. H. Lumber Co. (Yellow Pine, Saw & Planing Mills), Chemical bldg
§Gavin Stephen J. Lumber Co. (Yellow Pine, etc), 6400 Easton av
*Graham Lumber Co. (Yellow Pine), Wright bldg
*Grayson-McLeod Lumber Co. (Yellow Pine), Wright bldg
§Gruner Philip & Bro. Lumber Co., 4006 N B'way
*§Hafner Mfg. Co. (Hardwood & Yellow Pine), Dept. H, Ft. of Dock
§Hearne Timber Co., Times bldg
§Hill-Behan Lbr. Co., 6500 Page
*Hogg-Harris Lumber Co. (Long & Short Leaf Yellow Pine), Fullerton bldg
*Holmes J. A. Lumber Co. (Michigan Lumber, White & Yellow Pine Flooring, Siding, Shingles, Lath, etc; Poplar, Cherry, Ash, Walnut, & Mahogany, Car & Bridge Ash, Walnut & Mahogany, Car & Bridge Timber Specialties), 10th & Spruce
§Huttig Sash & Door Co., 1200 S Vanderventer

MISSOURI—St. Louis—continued
*Kimball Phin (Hardwood Saw Mills) Railway Exchange bldg
*Lothman Cypress Co. (Louisiana Cypress) of Angelica
Luehrmann C. F. Hardwood Lumber Co. (Ash, Oak, Cypress, Yellow Pine, White Pine & Shingles), 150 Carroll
*Malvern Lumber Co. (Yellow Pine), Chemical bldg
*Mangold Stave & Cooperage Co., Weber rd & Grand av
*Mechanics' Planing Mill Co. (Cypress), 3742 N B'way
*Miles Geo. W. Timber & Lumber Co. (Yellow Pine), Arcade bldg
§Mosberger Lumber Co. (Hardwoods), 5816 Prescott
*Ozan Lumber Co., Wright bldg
***Ozark Cooperage & Lumber Co., International Life bldg.**
§Powe Thos. E. Lumber Co. (Hardwoods, Cypress Shingles), 24 Branch
*Quellmalz Hy. Lumber & Mfg. Co. (Red Gum & Hardwoods, Oak & Hickory Dimension), 2500 S 1st, Mills, Brooklings, Ark.
Richardson W. H. (Lumber Commission Hall & Branch
St. Louis Lumber Co. (White Pine & Yellow Pine), 2509 S Broadway
*Sabine Lumber Co. (Yellow Pine), Wright bldg, Mills, Colfax, La.
Scheve J. L. Lumber Co. (Oak & Cypress), Hall & St. Louis av
Seidel Julius Lumber Co. (Yellow Pine, White Pine, Cypress), 2000 S Kingshighway
§Steele & Hibbard Lumber Co. (Hardwood), 3125 N B'way
§Thomas & Proetz Lumber Co., Hall & Angelrodt
§Waldstein Lumber Co. (Hardwoods), 7th & Victor
Walsh Tie & Lbr. Co., Title Guaranity bldg
*Werner Louis Saw Mill Co. (Oak, Ash, Poplar, Gum, Short & L. L. Yellow Pine, Cypress & Cottonwood), Fullerton bldg
***Western Tie & Timber Co., Syndicate Trust bldg.**
*Willhitte Lbr. Co., Wright bldg
SEDALIA—Looney & Bloess Lbr. Co.
Sturgis Lbr. Co.
SIKESTON—*Baker-Matthews Mfg. Co.
*Matthews Lumber & Mfg. Co.
SMITHVILLE—§Major R. H. & Co.
SPICKARD—Kincade C. C. & Co.
SPRINGFIELD—Hobart-Lee Tie Co. (R. R. Timbers)
WEST EMINENCE—Missouri Lbr. & Mining Co.
WINONA—*Ozark Land & Lumber Co. (Mo. Soft Pine)

MONTANA.

BONNER—*Anaconda Copper Mining Co. (Pine & Larch)
COLUMBIA FALLS—Montana Western Lbr. Co. (Saw & Planing Mills)
State Lumber Co. (Saw & Planing Mills)
ESSEX—Kalispell Lumber Co. (Saw & & Planing Mills)
HENDERSON—Mann Lumber Co. (Saw & Planing Mills)
HOT SPRINGS—Marquarat Bros. (Saw & Planing Mills)
KALISPELL—*Kalispell Lumber Co. (Lumber Mfrs. & Wholesalers)
*McMannamy W. P. (Saw & Planing Mills)
LIBBY—*Libby Lumber Co. (Mont. Larch & Western Pine)
MILLTOWN—*Western Lbr. Co. (Saw & Planing Mills)
MISSOULA—*Polleys Lumber Co. (Saw & Planing Mills)
ST. REGIS—*§Anaconda Copper Mining Co. (Saw & Planing Mills)
Cooper Geo. R. (Saw Mill)
SOMERS—*Somers Lumber Co. (Larch Lumber)
WARLAND—Baird-Harper Lbr. Co. (Saw & Planing Mills)

NEBRASKA.

GRAND ISLAND—Hurst Sash & Door Co.
HASTINGS—§Oliver Lumber Co.
HUMBOLDT—Philpot Lumber Co.
KEARNEY—*Gilcrest F. H. Lumber Co.
LAUREL—Johnson Evers Co.
LINCOLN—*Foster S. A. Lumber Co.
§Searle & Chapin Lumber Co.
OMAHA—§Bradford-Kennedy Co.
§Bullard, Hoagland & Benedict (Hardwood)
§Cady H. F. Lumber Co.
§Chicago Lumber Co. (Mo. Soft Pine)
§Dietz C. N. Lumber Co. (Hardwood)
§Dodds Lumber Co. (Long & Short Leaf Yellow Pine, Red Cedar & Cypress)
§Guiou Lumber Co.
§Hampton Lumber Co. (Hardwood)
§Hoagland G. A. & Co.
Nebraska Bridge Supply & Lumber Co. (Red Cedar Posts, Poles, Piling, Oak Piling, Ties, Lumber)
Omaha Hardwood Lumber Co. (Hardwood)
§Walrath-Sherwood Lumber Co.
§Wentworth Lew
SOUTH OMAHA—§Bradford Louis Lumber Co.
§Watkins J. B. § Co.
TEKAMAH—Houston E. C. Lumber Co.

NEVADA.

VERDI—*Verdi Lumber Co. (Saw Mill)

NEW HAMPSHIRE.

ALEXANDRIA—Patten S. G. (Saw Mill)
AMHERST—Fuller Lemuel (Saw Mill)
ASHUELOT—*Dickinson's A. Sons (Saw Mill)
AUBURN—Pingree A. W. (Saw Mill)
BARNSTEAD—Drake Bros. (Saw Mill)
BARTLETT—*§Woodstock Lumber Co. (Saw & Planing Mills)
BELMONT—Weeks Jas. H. (Saw Mill)
BEMIS—*Morey Chas. H.
BRENTWOOD—Flanders Chas. (Shingles)
CHESTER—Goldsmith N. W. (Shingles)
CONWAY—*Conway Lbr. Co. (Saw Mill)
*Kennett A. C.
CRYSTAL—*Jackson L. A.
DOVER—Seavey J. F. Lumber Co. (Dealers)
DUBLIN—Knight Arthur J. (Saw Mill & Shingles)
EAST SULLIVAN—Harris W. H. (Saw Mill)
GORHAM—*Libby E. & Sons Co.
*Mainstream Lumber Co.
HAMPTON—*Brown F. B. (Saw Mill)
HOLLIS—Hayden Bros. (Saw Mill)
HOOKSET—*Thompson James
LACONIA—*Cook's Lumber Co. (Staves, Exterior & Interior Finish, Dimension Spruce, Pine & Hemlock, Shingles, Laths, etc)
LEBANON—Flanders George L. (Saw Mill)
LISBON—Conrad Edward J. (Saw Mill)
MANCHESTER—West Side Lumber Co.
MILFORD—*Peirce W. E. & Co. (Lumber, Lath, Shingles, Posts, Mill Work, Finish, etc)
NASHUA—American Box & Lbr. Co. (Saw Mill)
Cook F. D. Lumber Co.
Tolles J. H. & Co.
PARKHILL—Goodnow E. J. (Saw Mill)
PIKE—Pike Mfg. Co. (Saw & Planing Mill)
REED'S FERRY—*Parker E. E. & P.
RICHMOND—*Amidon Frank
ROCHESTER—§Champlin Wm. H.
*Felker Bros. (Lumber & Saw Mill)
*Langley Geo. H. Lumber Co.
Rochester Lumber Co. (Mfrs.)
United Box & Lumber Co.
SALEM—McLaughlin K. M. (Saw Mill)
SOUTH KINGSTON—Bartlett W. S. (Saw Mill)
SOUTH TAMWORTH—*Mason W. N.
STRATFORD—*Kimball William H.
SUNAPEE—Rowell W. (Saw Mill)
SUNCOOK—*Blodgett Lbr. Co. (Dimension)
TILTON—Knapp Geo. E. (Saw Mill)
UNION—Farnham J. F. (Saw Mill)
Plummer Geo. L. (Saw Mill)
WARNER—*Carroll E. H. & Son
Ela M. T. (Saw Mill)
WEST BRENTWOOD—Fellows Gertrude F. (Saw Mill)
WEST CHESTERFIELD—Amidon G. F. Saw Mill)
WEST THORNTON—*Veazle W. D. & Co.
WESTVILLE—Peaslee Lumber (Saw Mill)
WILTON—Livermore Hy. H. (Saw Mill)
WINCHESTER — Naramore Edgar H. (Lumber & Pail Staves)
WINDHAM DEPOT—Seavy Geo. E. (Est of), (Saw Mill)
WOODSVILLE—*Stone D. S. Lumber Co. (Saw & Planing Mills)

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lumber Co. (Saw Mill, etc)
Lewis Lumber Co.
BERLIN—*Robinson W. B. (Saw Mill)
CALDWELL—*Crane Marcus, S. (Saw Mill)
CAMDEN—*Baird David Co. (Lumber & Saw Mill)
Coles C. B. & Sons Co. (Saw Mill)
*Hadentine Lumber Co. (Hemlock, Spruce, N. C. Pine & Hardwoods), Mills, Norfolk, Va.
§Humphreys H. & Co.
§Munger & Bennett (N. C. Pine)
§Scudder R. G. & Son
§Smith R. F. & Son
§Stockham Chas. Lumber Co. (Saw Mill)
EGG HARBOR CITY—*Bozarth Lumber Co.
JERSEY CITY—§Baldwin Lumber Co., Garfield av
§Dodge & Bliss Co., West End
§Vanderbeek & Sons, Green
MILLVILLE—*Millville Pulp & Products Co.
NEWARK—§Bailey & Alling, ft Clay st
§Bockhoven Bros. Co., 132 Astor
§Clark & Co. 515 Hunterdon (White & N. C. Pine)
§Collier Eusebius, 494 Broad
§Crowell James, ft Cross (Hardwood)
Glasby J. F. Lumber Co., 9 Badger av
Jones Wm. A. & Son, ft Jones (Saw & Planing Mill, Pine, Hardwood, etc)
*Mount Gearhart Inc. (Saw & Planing Mill), H, Essex bldg
§Murphy-Hardy Lumber Co., 150 Passaic (Lumber & Planing Mill)
§Ripley D. & Sons (Lumber & Timber Co.) (Saw & Planing Mill & All Kinds of Lumber & Timber Mouldings, Trimmings, etc.), 77 Commercial
§Stone & Hershey, 31 Clinton (Spruce, Cypress & N. C. Pine)
PATERSON—§Stiles E. M.
PEDRICKTOWN—*Straughen B. W. (Saw Mill)
PITTSTOWN—*Deats Emley H. (Saw Mill)
ROCKAWAY—Stickle G. W.
SOUTH SEAVILLE—*Collins Jacob P. Co. (Saw Mill)
TRENTON—§Beers R. E. Lbr. Co.

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Lumber Co.
§Baldridge J. C. Lumber Co.
CIMARRON—Continental Tie & Lumber Co. (Saw & Planing Mills)
DULCE—Pagosa Lumber Co. (Saw & Planing Mills)
EL VADO—New Mexico Lumber Co. (Saw & Planing Mills)
LA MADERA—Hallack & Howard Lumber Co. (Saw & Planing Mills)
LAS VEGAS—Cerro Montoso Lumber Co. (Saw & Planing Mill)
ROSWELL—*Pecos Valley Lumber Co.
WATROUS—Cerro Montoso Lumber Co. (Saw & Planing Mills)

NEW YORK.

AFTON—Church Bros. (Saw Mill)
ALBANY—Albany Lumber & Planing Mill Co., Inc. (Planing Mill)
§Arnold & Co.
§Cranneil Francis F. Lumber Co.
§Easton Cypress Co.
§Eaton W. J.
Hubbell C. T. & Co.
§Hughson & Co.
§Hunter Dexter
§Kibbee A. S. & Son
§Moore R. H. & Zimmerman
§Patton & Co.
Ramsdill & Co. (Planing Mill)
§Robinson John & Co.
Thomson L. & Co. (Pine, Spruce & Hemlock)
Welsh & Grey Lumber Corp.
§White Richard P. (Pine, Spruce & Hemlock)
ALTMAR—Horton Lumber Co.
ALTON—Burns Samuel T. (Saw Mill)
BARKERSVILLE—Mattison George
BATH—*Jones Bros. & Parker (Lumber)
BERNE—Cheeseboro & Sand (Saw Mill)
BINGHAMTON—§Lyons A. J. Sons
BLEECKER—Ernst Frank (Saw Mill)
*Peters' John M. Jr. (Saw Mill)
BLOCKVILLE—Green Bros. (Saw Mill)
BRANT—Calkins Milford (Saw Mill)
BRASHER FALLS—Church Elmore (Saw Mill)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—§Bartholomew Edw. W. Lumber Co.
§Betts Chas. M. & Co. (Pine, Cypress & Shingles), Hertel av & Niagara River
*Boller Chas. & Sons Co. (Planing Mill), 379 Chicago
*Buffalo Hardwood Lumber Co. (Hardwood), 940 Seneca
*Elias G. & Bro. (Pine, Hemlock & Hardwood Flooring), 965 Elk
Flierl Christian Co., Inc. Planing Mill), 1352 Genesee
§Goodyear Lumber Co. (Penna. White Hemlock, La. & Miss. Yellow Pine, etc), Marine Nat Bk bldg
Graves, Manbert, George & Co. (Pine), ft Hertel av
Hauenstein Alfred G. Lumber Co. (White & Norway Pine), 3050 Main
§Hurd Bros. (Lath, Shingles & Timber), 719 Bailey av
*Jackson & Tindle (Hardwood Lumber, Slack Cooperage & Broom Handles)
§Laidlaw R. Lumber Co. (White Pine Lumber, Lath & Shingles)
§Laycock Lumber Co., Ellicott sq
§McLean Hugh Lumber Co. (Hardwood & Veneers)
*McNeil Lumber Corp., 1767 Filmore av
*Miller Lumber Co. (Hardwood), 393 Eagle
§Mixer & Co. (Mich. White Pine), 168 Franklyn
*Montgomery Bros. & Co. (Yellow Pine & Hardwood)
§Reilly W. W. & Bro., Brisbane bldg
*Standard Hardwood Lumber Co.
*Stewart I. N. (Hardwood), People's Bank bldg
Sullivan T. & Co. (Hardwood; Specialty, Ash & Elm), 2 Arthur
§Taylor & Crate (Hardwood), 2161 Elmwood av
*Yeager Lumber Co., (Hardwood), 933 Elk

BUTLER CENTER—Merrill Willis
CALLICOON—Hermann Martin (Saw Mill)
CANANDAIGUA—Garrett Wm. (Saw Mill)
CARLISLE—Brown Grant (Saw Mill)
CASSVILLE—Carpenter A. L. (Saw Mill)
CASTILE—Elitsac Mfg. Co. (Planing Mill, Wooden Toys & Novelties)
CENTRAL BRIDGE—Ottman Milland (Saw Mill)
CENTRALIA—Littlefield Sidney (Saw & Shingle Mill)
CHARLOTTE—*Upton Co.
CHATHAM—Boright John W. Lbr. Co.
CHENINGO—Hollister & Bryant (Saw Mill)
CHERRY CREEK—Hess C. E. (Planing Mill)
CHESTERTOWN—Maxam Leluel L. (Saw Mill)
CLARKSBURG—Smith J. H. (Saw Mill)
CONIFER—*§Emporium Forester Co. (Saw & Planing Mills)
CRANBERRY LAKE—*§Emporium Forester Co. (Saw & Planing Mills)
CROGHAN—*Lafave J. R. Lumber Co. (Hardwoods)
Steiner Jos. H. (Saw Mill)
CUBA—*Phelps & Sibley Co. (Hardwood, Lumber & Shingles)
*Rowley William M. & Co. (Shingle Mill)
DELEVAN—*Goo & Hopkins
DOLGEVILLE—*Breckwoldt J. & Co. (Saw Mill)
EDWARDS—Woodcock, M. E. (Saw Mill)
ELLICOTTVILLE — Ellicottville Milling Co. (Saw Mill)
Rust & Olin (Saw Mill)
ELMIRA—*Doane & Jones Lumber Co. (Car Trade a Specialty)
FREDONIA—Minter Lumber Co.
GALLUPVILLE—Haverly Bros (Saw Mill)
GARFIELD—Atwater W. H. & Sons (Saw Mill)
GLENS FALLS—*Finch, Pruyn & Co., Inc. (Spruce, Hemlock & Hardwood)
*Kendrick & Brown Co.
Leotaud A. B., Dept. H
GLOVERSVILLE—§Burr Bros. (Lumber & Saw Mills)
*Holden Lumber Co. (Lumber)
Peck A. W. & J. F.
HAGEDORNS MILLS—Chase Stephen (Saw Mill)
HARRISVILLE—Kilbourn R. A.
Kimball & Son
HERMON—Fairbanks R. J. & Sons (Saw Mill)
HOLLAND—Griggs Ichabod N. & Son (Saw Mill)
HUDSON FALLS—§Kenyon Lumber Co. (Saw & Planing Mills)
JAMESTOWN—Jamestown Constr. Co.
Lindbeck Chas. (Planing Mill)
Nelson Bros. (Planing Mill)
§Ross Warren Lumber Co. (Hardwood)
Wilson John T. (Est. of) (Planing Mill)
JOHNSONVILLE—Brockett Lawrence B., Dept. H.
KINGSTON—*Weeks Theo. (Saw & Planing Mills)
LE ROY—Rogers F. C. (Planing Mill)
LESTERSHIRE—*Lestershire Lumber & Box Co. (Sells Direct)
McKEEVER—*Moose River Lumber Co.
MARATHON—Burgess Jas. S. (Saw Mill)
MARYLAND—Burnside Bros. (Saw Mill)
MEXICO—Ames J. K. (Saw Mill)
MIDDLE GROVE—Colburn Wilford
MIDDLETOWN—§Gordon Lumber Co.
MILLERS MILLS—Grosline W. (Saw Mill)
MONSEY—Requa S. E. (Lumber)
NEW BRIDGE—*Higbie R. W. Co. (Saw & Planing Mills)
NEWBURGH—§Newburgh Lumber Co.
*Newburgh Planing Mill Co.
NEW HAMBURG—*Millard Lumber Co. (White Pine, N. Y. Spruce, Pa. Hemlock & Box Shooks)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN — §Brooklyn Lumber Co. (Timbers), 452 Hamilton av
Bossert Louis & Son, 1335 Grand
§Curtis-Brisbin Lumber Co., 3290 Atlantic av
§Ferguson & Clarke, 517 Flushing av
§Halsted Lumber Co., 529 84th
§Jacobson A. C. & Sons, 81 Bridge
Kells Mill & Lumber Co. (Oak & Cedar Planing & Saw Mills, Cedar Boat Boards & Materials), Java & Provost
§Orr Jno. C. & Co., West c Java
§Wilson C. W. & Co. (Yellow Pine, Timbers, etc), ft Kent

Boroughs of Manhattan and Bronx.

NEW YORK—§American Lumber Co. (Hardwood, Lumber & Timber), 30 Church
Astoria Mahogany Co., Inc. (Hardwoods Cottonwood), 347 Madison av
*Atlantic Coast Lumber Corp., 1790 B'way
Barker Bond Lumber Co., Inc. (Yellow Pine Lumbers, Flooring, Sheating, Cypress, Oak Lumber & Boards Piling), 405 Lexington av
§Becker C. L. & D. J. Co. (White Pine, Hardwood & Spruce), 290 B'way
§Berry Lbr. Co. (White Pine & Hardwood), 30 Church
§Booth & Lewis Lumber Co. (Southern Pine), Grand Central Terminal
§Burke John F. (Pine, Spruce & Hardwood), 29 W 42nd
§Burton J. H. & Co. (N. C. & Yellow Pine, Rift, Flooring & Cypress), 38 Park Row
*Cape Henry (Hardwood), 52 Vanderbilt av
§Caskey C. R. Lumber Co., 1123 B'way
Chelsea Lbr. Co., 87 Manhattan
§Cooney, Eckstein & Co. (Douglass Fir, Idaho White Pine, Yellow Pine, etc.), 302H B'way
§Creed W. R. & Co. (L-L Yellow Pine), 110 W 34th
§Crossley G. R. (Pitch Pine, etc, for Export), 11 William
§Crombie W. M. & Co. (For Export & Domestic Trade), 101 Park
§Delatour A. J. (Hardwood), 176 Cherry
§Dykes Lbr. Co., Dept. H, 137 W 24th
§Eckenroth F. & Son (Hardwoods), 921 E 5th
Eifert J. & F. (Saw Mills), 199 Ave D
*Emery Geo. D. Co. (Mahogany & Spanish Cedar), 220 11th av.
§Eppinger & Russell Co. (Yellow Pine), 165 B'way
§Export Lumber Co., 15 William
*Forest Box & Lumber Co. (Saw & Planing Mills), 405 E 4th
§Gardner Wood Co., 3 W 14th
Grant Geo. M. & Co., 30 Church(Hardwoods. White Pine, etc.)
Green A. H. Co. (Box Shooks, etc), 97 Warren
*Gress Mfg. Co., 185 Madison av
Hawes Willard & Co. (Tropical Hardwood Imp.), Lewis & Seventh
*Herrmann H. Lumber Co., E 125th
§Hirsch Lumber Co., 26 Beaver
§Kalt Lumber Co., 324 E 64th
§Langdon C. S. (Pitch Pine & Douglas Fir), 71 Beaver
§Lewis Harry I. 62 Beaver
§McDonald Jno. W. & Son, 106 Wall
§Maloney J. A. & Co. (Yellow Pine & White Oak Timber, Maple Flooring, Spruce & N. C. Pine), 16 Beaver
§Manning Chas. W. (Veneers & Panels, etc), 66 Broad
*Milne Lumber Co., 1635H, Grand Central Terminal
§Miner Stanley H. (Timber, Piles, Dock Logs, etc), 17 Battery pl
§Monteath J. H. Co. (Cabinet Hardwoods), 202 Lewis
*Montgomery Lumber Co. (Long Leaf Yellow Pine & Cypress), 52 Vanderbilt av, Mills, Suffolk, Va.
*Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine), 21 E 40th
§Mulgrew F. A. & Sons (Mahogany Saw Mills), ft E 8th
§Murchie Horace B. & Co., 58 Pine
*Patterson T. G. (Planing Mill), 637 W 55th
§Peale-Coryell Lumber Co. (Canada Spruce & Hardwoods), 949 B'way
Plunkett-Webster Lumber Co., Inc. (Spruce & Northern Hardwood), 33 W 42nd
§Potter Jos. R. & Co., 270 W 126th
§Rayner J. Co. (Mahogany & Veneers & Foreign Woods), 142 Goerck
§Rennolds J. A. & Bro. (R. R. Piles, Ties, Poles & Posts), 116 Broad
Saulpaugh's J. M. Sons (Saw & Planing Mills), 705 E 11th
§Shepard & Morse Lumber Co. (Cypress, N. C. Pine, etc.), 21 E 40th
§Sherman A. Lumber Co. (White Pine & Spruce), Grand Central Terminal
Simpson, Clapp & Co., 42 Whitehall
§Sizer Robert R. & Co. (Yellow Pine), 15 William
§Slaymaker S. E. & Co. (W. Va. Spruce), 200 5th av
Southern Pine Sales Corp. (N. C. Pine), Sales Office 1236 Woolworth bldg.
§Storey W. M. Lbr. Co., 150 Nassau,
*Thayer T. W. Co., 18 Broadway
§Turner J. C. Lumber Co. (White Pine, Red Cedar, Cypress & Poplar), 50 E 42nd
Van Brunt J. C. & Sons (Saw & Planing Mills), 291 Monroe
*Wayne Lumber Co. (Hardwoods, Maple & Birch), 110 W 40th
Williams I. T. & Sons, 11th av & 25th

Borough of Queens.

LONG ISLAND CITY—Eppinger & Russell Co. (Yellow Pine), 1st

Borough of Richmond.

TOMPKINSVILLE—Edgewater Sawmills Co. (Saw & Planing Mills)

(End of New York City)

NORTH TONAWANDA—Alliger Box & Lumber Co. (Box Shooks, Box Lumber, Crating, etc)
§Gillespie Jas. (Whol Comm)
§Haines Lumber Co. (Pine & Red Cedar Shingles)
§Jones R. T. Lumber Co.
§Kelsey W. E. & Son
§Large Bros., Lumber Co.
§Mackenzie J. P. (Whol Lumber)
§Phillips C. R. & Co. (Fir, White & Yellow Pine)
§Silverthorne Lumber Co. (Lumber & Shingles)
§Smith, Fassett & Co. (White Pine)
§Smith M. M. (Whol Commr)
*Thompson, Hubman & Fisher (Planing & Lbr Mills)
§Transfer Lumber & Shingle Co. (Red & White Cedar Shingles, Red Cedar & Spruce Bevel Siding & Spruce Factory)
Transfer Stained Shingle Co. (Shingles)
Twin City Lbr. Co.
§Weston A. & Son
*White, Gratwick & Mitchell (Lbr. & Planing Mills)
OGDENSBURG—*Proctor Mfg. Co. (Lumber & Mill Work)
*Skillings, Whitney & Barnes Lumber Co. (White Pine)
ONEONTA—Briggs Lbr. Co.
PARISHVILLE—Clark S. L. & Son (Lumber, Butter Tubs, etc)
PARKERS—*Parker L. B. (Spruce & Hardwood Flooring)
PERRY—Andrus David (Saw Mill)
PERU—*Mason G. & Sons
PHELPS—Fridley Seymour (Saw Mills)
PIFFARD—Shattuck T. N. (Heading & Staves)
PIKE—Powers Wm. (Saw Mill)
PITCHER—Bennett Geo. W. (Saw Mill)
POINT ROCK—Bates Orson C.
PORTER CORNERS—Jones John S (Saw Mill)
RANDOLPH—Wilson Lydell L.
ROCHESTER—§German-American Lumber Co.
§Hollister Lumber Co. (Hardwood & Pine)
§Miller John (White Oak & Pine)
§Morse Wm. B. Lumber Co. (Hardwoods, Pine & Hemlock, Shingles etc)
Valley Creek Lumber Co. (Hardwood)
ROME—Comstock Edward Co.
ROUSES POINT—*Millard Lumber Co. (Lumber & Box Shooks, Pine, Spruce & Hemlock)
SAMMONSVILLE—Sammons W. S. (Saw Mill)
SANDY HILL—*Griffin Lumber Co.
*Kenyon Lumber Co. (Lath, Saw Mill, etc)
SCHENECTADY—Peckham, Wolf & Co.
Veeder & Brown
SHERMAN—Simmons James H. (Shingle Mill)
SIDNEY—§Siver M. L. & Co. (Pine, Spruce & Cypress)
SOLSVILLE—Lyon's Mills (Saw Mills)
SOUTH STOCKTON—Wakeman Frank M. (Saw Mill)
SYRACUSE—§Bannon Lumber Co.
§Chapman Lumber Co., 1322 Carbon
§Kenyon Geo. G. Lumber Co. (Hardwood, Shingles, etc.), 601 E Water
§McChesney & Tracy Lumber Co. (Pine & Hemlock, Shingles, etc), 120 Plum
§McDowell John Kenyon, 211 Wilkinson
§Mann & Hunter Lumber Co., 834 S Salina
TONAWANDA—†Bellinger A. A.
§Brady Bros.
Dodge & Bliss Co. (Box Shooks & Planing Mill) (See Jersey City, N. J.)
§Eastern Lumber Co. (Mill Works)
McLean Bros. (Whol. Lumber)
§Wilson Lumber & Box Co. (Lumber, Box Shooks & Baled Shavings)
TROY—*Madden Lumber Co. (Lumber & Planing Mill)
UTICA—Downers Lumber Yard, 1011 Whitesboro
Emporium Forestry Co.
Emporium Lumber Co. (Spruce, Hemlock & Hardwoods)
Gibson G. P. & Son, 468 Genesee
§Kellogg Chas. C. & Sons Co.
§Nellis, Amos & Swift (Hardwood)
Thomas Philip Sons Co., 1621 Kemble
WARWICK—Horton M. V. B. (Saw Mill)
WATERTOWN—§Harroun J. E. & Son (Spruce Flooring, Siding, Lath, Shingles & Box Shooks)
WATERVLIET—§Waterman Smith A.
WEBSTER CROSSING—White Charles H. (Saw Mill)
WELLS—*Hosley M. B. & Son (Hardwoods)
WELLSVILLE—*Duke Oak Lumber Co. (Lumber, Timber & Shingles)
*Fassett Fred W. (Hardwood)
*Mess Matthew

NEW YORK—continued
WEST BURLINGTON—Gardner O. C. (Woodenware)
WEST ONEONTA—Rouse & Phillips (Saw Mills)
WEST STOCKHOLM—Gibson G. N. & Son
WEST WINFIELD—Hackley A. C. (Saw Mill)
WHITESBORO—*Denton & Waterbury (Lumber, Lath & Shingles)
WILLIAMSTOWN—Sage J. L.
WILLSBORO—Highby H. A. (Saw Mill)
WORCESTER—Hadsell Bros. Co. (Saw Mill)

NORTH CAROLINA.

AHOSKIE—Branning Mfg. Co. (Saw & Planing Mills)
ALASKA—Alaska Lbr. Co. (Saw Mill)
ALLIANCE—Campen Samuel M. (Saw Mill)
ALMA—*Alma Lumber Co.
ANDREWS—Andrews Mfg. Co. (Saw Mill)
ASHBORO—*Home Bldg. & Material Co. (Planing Mill)
ASHEVILLE—*Carolina Wood Products Co.
Citizens' Lumber Co.
McEwen Lumber Co.
ATKINSON—Murphy J. A. (Saw Mill)
Hawes E. A., Jr. (Saw Mill)
AUSTIN—Burchett & Billings (Saw Mill)
AZALCA—McEwen Lumber Co. (Saw & Planing Mills)
BEAUFORT—Carteret Lumber Co. (Saw & Planing Mills)
BELEW CREEK—Robertson, Strader & & Co. (Saw & Planing Mills)
BELHAVEN—§Roper Jno. L. Lumber Co. (Saw & Planing Mills)
BETHEL—*Carolina Stave Co. (Saw Mill)
BISCOE—Burt & Hicks
*Kanoy C. E.
BLACK MOUNTAIN—*Perley & Crockett (Saw & Planing Mills)
BOARDMAN—*Butters Lumber Co. (N. C. Pine & Cypress)
BOLTON—Waccamaw Lumber Co. (Cypress, N. C. Pine, Yellow Poplar, Tupelo Lumber, Lath & Shingles)
BOWDENS—*Rowland Lumber Co. (Saw Mill)
BURGAW—Garysburg Mfg. Co. (Saw & Planing Mills)
CARTHAGE—Currie J. L. (Saw Mill)
CHARLOTTE—Clark J. S. H. Co., 208 S Tryon.
Wearn J. H. & Co. (Lumber & Mfrs. Office Fixtures)
CLAYTON—*Vinson J. A. (Saw & Planing Mills)
COLUMBIA—Branning Mfg. Co. (Saw & Planing Mills)
DOVER—*Goldsboro Lumber Co. (Yellow Pine Flooring & Finish)
DRUID—Curry Bros. Lumber Co. (Saw & Planing Mills)
DUNN—*§Tilgham Lumber Co. (Saw & Planing Mills)
DURHAM—*Cary Lumber Co. (Saw & Planing Mills)
EDENTON—*Branning Mfg. Co. (N. C. Pine & Box Shooks)
*Brown M. G. (Saw Mill)
ELIZABETH CITY—Commander T. A. & Son
*Dare Lumber Co. (Saw Mill)
*Foreman-Blades Lumber Co. (Saw & Planing Mills)
Kramer Bros. Co. (Saw & Planing Mill)
ELKIN—*Elkin Box Co. (Saw & Planing Mill)
ESKOTA—Brown Bros. Lumber Co. (Saw & Planing Mills)
FARMVILLE—*Farmville Lumber Co. (Saw & Planing Mills)
FAYETTEVILLE—*Currie Lumber Co.
*West Lumber & Box Co. (Saw & Planing Mills)
FONTANA—*Montvale Lumber Co. (Saw & Planing Mill)
FORNEY—*Norwood Lumber Co. (Saw & Planing Mills)
GARLAND—*Trantum C. A. (N. C. Pine & Gum Rough or Dressed)
GILKEY—Warlick Lumber Co (Flooring Moulding, etc.)
GLEN ALPINE—Pitts J. D. (Saw & Planing Mills)
GOLDSBORO—*Virginia Lumber & Box Co. (Saw Mill)
GREENBORO—*Brooks Mfg. Co.
*Guilford Lumber Mfg. Co.
§Moore J. S. & Co. (Saw & Planing Mills)
*Newport Mfg. Co.
South Atlantic Lumber Co. (N. C. Pine)
GREENVILLE—Overton D. D. (Saw Mill)
GROVER—Harry C. F. (Saw & Planing Mills)
HAMLET—Adams & Graham
HERTFORD—Major & Loomis Co. (Saw Mill)
HICKORY—*Hutton & Bourbonnais Co. (Lumber, Boxes & Shooks)
HIGH POINT—§High Point Hardwood Lumber Co. (Southern Hardwoods), Dept. H
Snow Lumber Co.
HOLLISTER—Fosburgh Lumber Co. (Saw & Planing Mills)
ICARD—Icard Mfg. Co. (Saw & Planing Mills)
IVANHOE—*Johnson-Edens Lumber Co. (White Cedar, Tank Stock, Boat & Shingle Boards & N. C. Pine)
Juniper Lumber Co. Inc. (White Cedar & Pine Lumber)
JACKSONVILLE—*Jacksonville Lumber Co. (Saw & Planing Mills)
KINSTON—Hines Bros. Lumber Co.
LAKE TOXAWAY—*Moltz Lumber Co. Saw & Planing Mills(
LEXINGTON—Valley Tie & Lumber Co.
LITTLETON—Wollet E. E. (Saw & Planing Mills)
LOUISBURG—*Colonial Pine Co. (Saw & Planing Mills)
Ford, G. W. (Saw Mill)
LUMBERTON—*Kingsdale Lumber Corp. (Saw & Planing Mills)
MAXTON—*Barber-Paschal Lumber Co. (Saw & Planing Mills)
MT. GILEAD—*National Lumber Co. (Saw & Planing Mills)
NEWBERN—*Blades J. B. Lumber Co. (N. C. Pine & Saw Mill)
*Broaddus & Ives Lbr. Co. (N. C. Kiln Dried Pine Shingles, etc)
*East Carolina Lumber Co. (Saw Mill)
Elm City Lbr. Co. (Saw & Planing Mill)
*Munger & Bennett
*Pine Lumber Co.
Roper John L. Lumber Co. (Saw & Planing Mills)
NORTH WILKESBORO—§Coffey C. D. (Saw & Planing Mills)
NORWOOD—*Norwood Lumber Co. (Planing Mills)
OLIVIA—*Cameron H. C. (Saw & Planing Mills)
ORIENTAL—Oriental Lumber Co. (Saw Mill)
OXFORD—Jackson J. E. (Saw Mill)
PEACHLAND—*Broome W. P. & Son, Dept. H
PENSACOLA—Carolina Spruce Co. (Saw & Planing Mills)
PISGAH—*Carr Lumber Co. (Saw & Planing Mills)
PROCTOR—Ritter W. M. Lumber Co. (Saw & Planing Mills)
RALEIGH—Lassiter C. J. (Saw Mill)
RED SPRINGS—*Pearsall A. B. (L. L. Yellow Pine)
ROCKINGHAM—Coggin C. W. (Saw & Planing Mills)
ROCKY MOUNT—§Tar River Lbr. Co. (Saw & Planing Mill)
ROPER—*Roper John L. Lumber Co. (N. C. Pine)
ROSMAN—Gloucester Lbr. Co. (Saw Mill)
RUTHERFORDTON—Hines Lumber Co. (Saw & Planing Mill)
SANFORD—*Sanford Sash & Blind Co. (Dressed, etc)
SEVIER—§Adams T. T. Co. (Saw Mill)
SHULLS MILLS—Boone Fork Lumber Co. (Saw Mill)
SOUTHMONT—Wall & Son C. M. (Planing Mills)
SPRING HOPE—Montgomery Lumber Co.
STAR—*Little River Lumber Co. (N. C. Pine)
STANTONSBURG—Stantonsburgh Lumber Co. (Saw & Planing Mills)
SWANNANOA—§Reighard Lumber Co. (Saw & Planing Mills)
VASS—Cameron A. (Saw & Planing Mills)
WADESBORO—*Core-Bennett Lumber Co. (Saw & Planing Mills)
WALLACE—Camp Mfg. Co. (Saw & Planing Mills)
WASHINGTON—Kugler Lumber Co.
*Eureka Lumber Co. (Saw & Planing Mills)
WAYNESVILLE — *Kessawayne Lumber Co. (Saw & Planing Mills)
WELDON—Dixon Lumber & Millwork Co. (Dressed Finishing)
*Weldon Lumber Co. (Saw Mills)
WENDELL—Colonial Pine Co. (Saw & Planing Mills)
WHITEVILLE—*Whiteville Lumber Co. (Saw & Planing Mills)
WILLIAMSTON—*Simmons Dennis Lumber Co. (N. C. Pine)
*Wicomico Lumber Co.
WILMINGTON—Chadbourn Lumber Co.
*Hilton Lumber Co.
Koch, W. W. (Shingle Mill)
WILSON—*Colonial Pine Co. (Saw & Planing Mills)
Simms, W. W. Co. (Saw & Planing Mills)
WINSTON-SALEM—*Hoover A. L. & Co. (Saw Mill)
WINTON—Jordan & Parker (Lumber)
Taylor W. P. (Lumber)
ZEBULON—Barrow, J. K. (Saw Mills)

NORTH DAKOTA.

FARGO—*White Wm. H. & McCullocn Lumber Co.
GRAND FORKS—*Robertson Lumber Co.
HATTON—*§Ness Lumber Co.

OHIO.

AKRON—Akron Lumber Co.
Lyman-Hawkins Lumber Co.
ARCANUM—*Fourman Bros. (Saw Mill)
ARCHBOLD—*Gotshall Mfg. Co.
ASHLAND—*Shearer, Kagey & Co. (Saw Mill)
BELLEVILLE — *Ritter P. (Lumber, Staves & Headings)
BLUFFTON—Kimmel J. W.
BOWLING GREEN—Bigelow Bros. (Saw Mill)
BRADFORD—*Gibboney Jacob (Saw Mill)
BURKETTSVILLE—*Birt Bros. (Saw Mill)
CADIZ—*Long E. M. & Sons
CAMBRIDGE—*Hoyle & Scott
CAMPBELLSTOWN—Watts Bros. (Saw Mill)
CEDARVILLE—Tarbox Lumber Co. (Saw Mill)
CINCINNATI—Acme Veneer & Lumber Co. (Veneers, Thin Lumber & Mahogany Lumber), 8th & Harriet
§Banning L. G. (Walnut, Quartered Oak, Ash & Mahogany), 5th & Main
Bay Poplar Lbr. Co. (Mfrs. Cigar Box)
*Bennett & Witte (Ash, Oak, Elm Gum, Cypress, Poplar, etc), 222 W 4th
§Boyd Chas. C. & Co. (Hardwood & Veneered Lumber), Glenn bldg
§Browne H. R. (Yellow Pine, Poplar & Cypress), Fosdick bldg
*Cherry Lumber Co. (Hardwood & Electrotype Backing), St. Bernard
Cincinnati Hardwood Lumber Co., (Oak & Mahogany Veneers), 2624 Colerain av
Crane C. & Co. (Hardwood Lumber & Box Lumber), 1739 Eastern av
§Darling J. W. Lbr. Co. (Ash, Oak, Poplar, etc), 2d National Bk bldg
Doppes J. B. Sons Lumber Co., 1250 Gest
*§Duhlmeier Bros. (Hardwoods, Mahogany, etc), Wad Dalton av
§Dulweber Jno. Co. (Hardwood), Findlay & McLean
§Enterprise Lumber Co. (Yellow Pine, Lath & Shingles), 677 Melish
*Farrin M. B. Lumber Co. (Poplar & Oak, Beveled Siding, Flooring, Oak for R. R. Ties, Fence Posts, Bridges, Ships, Dock Piling, etc), Station av & Winton pl
*Freiberg Lumber Co. (Hardwoods, Mahogany & Spanish Cedar), Dalton & Findlay
§Galle W. F. & Co. (Southern Hardwoods), 1262 Budd
Graham Lumber Co. (Yellow Poplar), 41 E 4th
Griffiths Jas. & Sons Co. (Planing Mill), Reading rd & E 12th
§Hall C. R. Lumber Co., 407 Com. Tribune bldg
Hay Lumber Co. (Hardwoods, Hardwood Flooring & Poplar), Spring Grove av & June
§Heyl Philip F. (Pine, Poplar & Cypress), 1215 W 6th
§Hinckley-Dwight Lumber Co. (Yellow Pine & Cypress), Gest & Dalton
§Keeveny T. W. Lumber Co. (Pine, Hardwoods & Shingles), 1045 W 8th
§Kipp B. A. & Co. (Hardwood), 818 W 6th
§Lewin A. M. Lumber Co. (Yellow Pine & Cypress), Bank & McLean
§Littleford Geo. (Hardwood), 1768 Central av
§Mickle H. L. Lumber Co., 914 2d Natl Bk bldg
§Mowbray & Robinson Co. (Poplar & Hardwoods, Car Stock, Ties, etc), 8th & Horn
§Nicola, Stone & Meyers Co. (Pine & Hardwood), 1221 W Liberty
Oak Flooring Service Bureau, Union Trust bldg
*Ohio Veneer Co. (Mahogany & Thin Lumber & Veneers, Sliced, Cut & Sawed Quartered Oak Veneers), 2624 Colerain av
*Owl Bayou Cypress Co. (Cypress Lumber & Shingles), Mills, Strader, La.
*Perry Wm. H. Lumber Co. (Heavy Oak & Pine Timbers & Specialty), 1821 Gilbert av
Pierson Lumber & Coal Co., Cooper & Cherry Northside
§Queen City Lumber Co. (Planing Mill)
§Radina L. W. Lumber Co. (Hardwoods), Clark & Dalton av
§Rempe F. & Son (Yellow Pine & Hardwood), Second Nat'l Bank bldg
§Richey Halsted & Quick (Poplar, Yellow Pine, White Pine, Oak), 702 Traction bldg
§Shiels Chas. F. & Co. (Hardwoods), Gest & McLean avs
*Stone T. B. Lumber Co. (Yellow Poplar, Oak, Chestnut, Walnut, Gum, Cottonwood & Ash), Dalton & Hopkins
Taft S. H., 16 Hulbert blk
Trimble Cypress Co. (Cypress & Shingles), 508 Bell blk
§Western Lumber Co. (Hardwood), 8th nr Evans
§Wiborg Harry P. (Yellow Pine & Hardwood), Un. Cent. bldg
CLARK—Conkle John, Jr. (Saw & Planing Mill)
CLEVELAND—§Advance Lumber Co. (Pine & Hardwoods), Rockefeller bldg
§Alexander Bros. Lumber Co., Schofield bldg
Barner-Mead Lumber Co., 1962 E 107th

§Central Lumber Co., Williamson bldg
*Cleveland Box Co. (Resawed Lumber, Box Shooks, Packing Cases & Crating)
§Cuyahoga Lumber Co., 1948 Carter rd
§Euclid Av Lumber Co., 11710 Euclid av
Federal Lumber Co., Guardian bldg
§Fisher & Wilson Co. (White Pine), Rockefeller bldg
§Foote C. H. Lumber Co., Scranton & Girard av
§Gill Lumber Co., Hippodrome bldg.
Greif Bros. Cooperage Co. (Barrels & Kegs & Stack Cooperage Stock), 1937 Willey av
Interstate Lumber Co., The Arcade
Lake Erie Lumber & Supply Co., 5459 Hamilton av
*Martin-Barriss Co. (Mahogany & Cabinet Wood Mfrs. & Importers), 2048 W 3d
§Mills-Carleton Co., 1886 Carter rd N W
Nicola, Stone & Myers Co. (Pine & Hardwood), Swetland bldg
§Potter, Teare & Co., 1918 Carter rd
§Prasse Lumber Co., 1864 Columbus rd N W
§Saginaw Bay Co., 2106 W 3d, S. W.
Singletary Lumber Co., 1633 Merwin av

COAL GROVE—*Yellow Poplar Lumber Co. (Yellow Poplar & White Woods)

COLUMBUS—*Allen H. R. & Co., Commerce bldg
*Bergin M. J. Lumber Co., 225 Dennison av
§Brasher H. D. Lumber Co.
*Collection Cypress Co. (Saw & Planing Mills)
*Cones & Menefee, 450 W Broad
§Davis A. C. Lumber Co.
Franklin Lumber Co. (Yellow Pine)
Raleigh Lumber Co.
*Ritter W. M. Lumber Co., 115 E. Rich
West Side Lumber Co.

CUYAHOGA FALLS—Steele-Alderfer Co. (Hardwood)
Walsh C. M.

DAYTON—*Dayton Lumber & Mfg. Co.
§Gebhart-Wulchet Lumber Co.
*Hartzell Geo. W. (All Kinds of Hardwoods)
Hossafous H. C
§Kuntz-Johnson Co.
§Kuntz Peter Co.
West Side Lumber Co.

DELAWARE—*Dunlap C. C. (Saw Mill)
§McKenzie Lumber Co.

DOVER—*Garber & Marsh Lumber Co.

EAST FULTONHAM—*Weller John W. (Saw Mill)

FINDLAY—*Parker Lumber Co. (Lumber & Mills)

FORT LARAMIE—*Wise August (Saw wood)

GALENA—Bennett E. C. (Saw Mill)

GRANVILLE—White, R. B. Lumber Co.

GREENFIELD—Barr W. L. (Saw Mill)

HAMILTON—§Cullen & Vaughn Co. (Planing Mill)
Dingfelder W. S. (Lumber & Planing Mill)

HAMLER—*Panning Bros (Saw Mill)

HOUSTON—*Barr N. W. (Saw Mill)

IRONTON—Dawkins Bros. Co. (Saw Mill)
*Fearon Lumber & Veneer Co. (Poplin, Rough & Dressed)
Fisher Elmer Co. (Saw & Planing Mills)
§Ironton Lumber Co.
§Nigh Lumber Co., (Poplar, Ash & Walnut)
*Ward W. G. Lumber Co.
Whisler & Scearcy Co. (Hardwood)

JEFFERSON—Beede M. W. & Son (Saw Mill)

KILLBUCK—*Duncan J. C. (Saw Mill)

LAGRANGE—Ryan H. J. (Saw Mill)

LEIPSIC—Buckeye Stave Co. (Large, Saw, Planing & Stave Mill)

LINDSEY—*Bloker Lumber Co. (Saw & Planing Mill)

LOCKLAND—Lockland Lbr. Co., Benson & Mill

LORAIN—Kratt George

LORAMIE—Wise August (Saw Mill)

LYNCHBURG—*Turner Daniel (Saw Mill)

MADISON—*Bates Delos (Saw Mill)

MAPLETON—*Sherer E (Saw Mill)

MANTUA—*Parker N. D. & Sons (Saw Mill)

MESOPOTAMIA—*Noble E. L. (Saw Mill)

MIAMISBURG—*Wantz Lumber & Coal Co. (Hardwood)

MONROE CENTER—*Felch L. G. (Saw Mill)

MOUNT ORAB—*Hughes G. V. (Saw Mill)

NEW LEBANON—*Slyder J. D. & I. (Saw Mill)

NEY—*Fieldner & Son (Saw & Planing Mill)

NORWALK—*Norton Hardwood Co. (Hardware & Saw Mill)

ORWELL—*Sellers E. A. (Saw Mill)

OWENS—*Seiter & Son (Saw Mill)

PAINESVILLE—§Malin S. L. & Son

PATASKALA—*Brooke Lumber Co. (Saw & Planing Mill)

ROCKFORD—*Hawk A. J. Sons

SANDUSKY — Sandusky Cooperage & Lumber Co.

SOUTH SALEM—Lunbeck Bros. (Saw Mill)

SPENCERVILLE—Reynolds W. A. Lumber Co. (Saw Mill)

SPRINGFIELD—Goode L. M. Lumber Co.
*Rawlins A. M. (Hardwood)

STOUT—*Wamsley A. S. (Saw Mill)

STRYKER—Stryker Boat-Oar & Lumber Co.

SYCAMORE—Petty J. A. (Saw Mill)

TIRO—Allen B. F.

TOLEDO—§Campbell Lumber & Mfg. Co. (& planing Mill), Hoag nr Dorr
§Elliott-Wean Lumber Co.
*Gotshall Mfg. Co.
§Kelsey & Freeman (White Pine)
§Trotter Lumber Co.

VAN WERT—*Gleason Lumber Co. (Saw Mill)

VICKERY—*Worrman E. W. (Saw Mill)

WARREN—*Helman D. L. (Saw Mill)

WATTSVILLE—*Orwich Sherman

WAUSEON—Wauseon Lumber & Supply Co. (Hardwood)
*Williams H. H. & Co. (Saw Mills)

ZANESVILLE—Drake Thos. Lumber Co.
Herdman Sash, Door & Lumber Co.

OKLAHOMA.

ARDMORE—Chickasaw Lumber Co.
Hudson-Houston Lumber Co.

BISMARK—Choctaw Lumber Co. (Saw & Planing Mills)

BOKHOMA—Wilson Lumber Co. (Saw & Planing Mills)

BROKEN BOW—Choctaw Lumber Co. (Saw Mill)

CHICKASHA—Stephensen-Browne Lumber Co.

CLINTON—*Stewart, T. J. Lumber Co.

FORT TOWSON—Pine Belt Lumber Co. (Saw & Planing Mills)

MOYERS—Walker-Hopkins Lumber Co. (Saw & Planing Mills)

MUSKOGEE—Muskogee Lumber Co.

OKLAHOMA—Stewart T. J. Lumber Co.

PAGE—Buschow Lumber Co. (Saw & Planing Mills)

RED ROCK—Foster Lumber Co.

WRIGHT—Choctaw Lumber Co. (Saw & Planing Mills)

OREGON.

ALBANY—Albany Lumber Co. (Saw Mill)

ALGOMA—Algoma Lumber Co. (Saw & Planing Mills)

ASTORIA—*Astoria Box Co. (Boxes & Lumber)
Astoria Timber & Lumber Co.
Hammond Lumber Co.

AUSTIN—Eccles, W. H. Lumber Co. (Saw Mill)
Oregon Lumber Co. (Saw Mill)

BAKER—Baker White Pine Lumber Co. (Saw Mill)
*Oregon Lumber Co.

BANDON—Moore Mill & Lumber Co. (Saw Mill)

BEND—*Brooks-Scanlon Lumber Co. (Saw & Planing Mills)
Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)

BRIDAL VEIL—*Bridal Veil Lumbering Co.

BRIGHTON—Brighton Mills Co. (Saw Mill)

BROOKINGS—C. & O. Lumber Co. (Saw & Planing Mills)

BULL RUN—Cameron-Taylor Lumber Co. (Saw Mill)

BUTTE FALLS—Butte Falls Lumber Co. (Saw Mill)

BUXTON—*Buxton Lumber Co. (Saw Mill)

CAMAS VALLEY—*Thrush E. H. (Saw Mill)

CANBY—Slyter & Eckerson (Saw Mills)

CARLTON—Carlton Consolidated Lumber Co. (Planing Mill)

CASCADE LOCKS—Wind River Lumber Co. (Saw Mill)

CHERRY GRAVE—Haskell-Carpenter Co. (Saw Mill)

CHILOQUIN—Chiloquin Lumber Co. (Saw Mill)
Madoc Lumber Co. (Saw Mill)

CLATSKANIE—Brock Bros. (Saw Mill)

COQUILLE—Johnson, E. E. (Saw Mill)
Sitka Spruce Co. (Saw Mills)

CORVALLIS—Corvallis Lumber Mfg. Co. (Saw Mills)
Lammers Bros. (Saw Mills)
Lammers Bros., Cottage Grove, Dept. H

COTTAGE GROVE—*Brown Lumber Co.
§Chambers J. H.

CURTIN—Mescher, P. F. (Saw Mill)
*Stewart & Delanney
*Skidmore Wm. Sons & Co.

DALLAS—*Williamette Valley Lumber Co., 518 Cherry

DEE—Oregon Lumber Co. (Saw & Planing Mills)

DORENA—Bohemia Lumber Co. (Saw Mill)

DUFUR—Dufur Lumber Co.
Ward J. W.

ELMIRA—Elmira Lumber Co. (Saw Mill)

ENTERPRISE—East Orange Lumber Co. (Saw & Planing Mills)

EUGENE—*Booth-Kelly Lumber Co. (Oregon Pine, Cedar & Hemlock)
*Fisher Carl E. Lbr. Co.

FALLS CITY—*Falls City Lumber Co.

FLORENCE—*Delta Shingle Co.
Tidewater Mill Co. (Saw & Planing Mills)

FOSTER—*Wodtli Fred.

GLENDALE—Glendale Lumber Co.

GLOBE—*Jones E.

HARRISBURG—Harrisburg Warehouse & Lumber Co.

HOOD RIVER—*Stanley-Smith Lumber Co.

HOULTON—Sherman Bros. Lumber Co. (Saw Mill)

INGLIS—§Oregon Lumber Co. (Saw & Planing Mills)

KLAMATH FALLS—Nine Lumer Co. (Saw Mill)
Pelican Bay Lbr. Co. (Pelican White Pine)

LA GRANDE—Kivette, W. R. (Saw & Planing Mills)
*Palmer Geo. Lumber Co. (Pine, Fir & Larch)

LEBANON—*Lebanon Lumber Co.

LEONA—*Leona Mills Lumber Co.

LINNTON—*Clark & Wilson Lumber Co.
§Noyes J. B. & Co.
Oregon Ship Timber Mills (Saw & Planing Mills)
West Oregon Lumber Co. (Saw Mill)

LORANE—*Addison Bros.

MABLE—Coast Range Lumber Co. (Saw Mill)

MARCOLA—*Fischer Lumber Co.

MAYGER—Fluhrer Bros. (Shingle Mill)

MEACHAM—Casey Lumber Co. (Saw Mill)

MILL CITY—Hammond Lumber Co. (Saw Mill)

MILLWOOD—Clark Lumber Co. (Saw & Shingle Mill)

MODOC POINT—Lomm Lumber Co. (Saw Mills)

MULINO—Hult Lumber Co. (Saw Mill)
Trullinger D. L.

NEWBERG—*Spaulding Chas. K. Logging Co. (Rough & Dressed Ash & Maple, etc)

NEW ERA—Doernbecker Mfg. Co. (Saw Mill)

NORTH BEND—Bay Park Lumber Co. (Saw Mill)
Buchner Lumber Co. (Saw Mill)
North Bend Mill & Lumber Co. (Saw Mill)
Southern Oregon Co. (Saw Logs & Timber)

PALMER—Bridal Veil Lumber Co. (Saw Mill)

PERRY—*Grande Ronde Lumber Co.

PHILOMATH—Benton County Lumber Co. (Saw Mill)

PORTLAND—*Anderson H. J. Co. (R. R. Ties & Piling), Broadway
Bridal Veil Lumbering Co.
§Broughton & Wiggins Co. (Piling & Cedar Poles), Yeon bldg
Cobbs & Mitchell Co., 705H Northwestern Bk. bldg
*Columbia River Door Co., H, Gasco bldg
Dant & Russell, Inc. (Pacific Coast), Northwestern Bank bldg
§Davis Henry D. Lumber Co. (Box Factory & Railroad), Northwestern Bank bldg
*Douglas Fir Lumber Co., Leon bldg
*East Side Mill & Lumber Co., ft of Spokane
§Eastern & Western Lbr. Co., 21st of N Front.
*Emerson Hardwood Lumber Co. (Saw & Planing Mill)
*Falls City Lbr. & Logging Co. (Soft Silitz Yellow Fir Lumber & Red Cedar Shingles), Northwestern Bk. bldg
*Hart-Wood Lumber Co. (Fir & Spruce, Northwestern Bank bldg
*Inman Poulsen Lumber Co. (Oregon Pine), ft of E Caruthers
*Jones Lumber Co., 291 4th
Kalama Lumber & Shingle Co. (Saw & Planing Mills), Corbett bldg
Menefee L. B. Lumber Co. (Saw & Shingle Mill), N. W. Bk. bldg
*Multnomah Lumber & Box Co., ft of Baucroft
NATIONAL TANK & PIPE CO., Kenton Sta. *See adv index at end of book*
§North Pacific Lumber Co., Ry. Exchange bldg
Oregon Box & Mfg. Co. (Saw Mill)
*Pacific Export Lumber Co. (Pine, Fir & Nat. Spruce), Chamber of Commerce bldg
§Pacific Mill & Timber Co.
§Peninsula Lumber Co. ("Oregon" Fir Lumber, Car Material exclusively), ft of McKenna av
§Portland Lumber Co. (Fir Lumber, Lath, Flooring, Ceiling, Dimension, Long Timbers), ft Lincoln
St. Johns Lumber Co. (Saw Mill)
*Shevlin Edwin C., Spalding bldg
Siletz Lbr. & Logging Co., 705H Northwestern Bk. bldg
§Standard Box & Lumber Co., 63 E Water
*Westport Lbr. Co.
*Willamette Box & Lumber Co., Linton

PRESCOTT—Beaver Lumber Co. (Saw Mill)

PROSPER—Prosper Mill Co. (Saw Mill)

RAINIER—Patterson Lumber Co. (Saw Mill)
*Stehman Bros. (Saw Mill)

ST. HELENS—Columbia County Lumber Co. (Saw Mill)
St. Helens Lumber Co. (Fir)

ST. JOHNS—§St. Johns Lumber Co.

SALEM—Spaulding, C. K. Logging Co. (Saw Mill)

SCHOLLS—*Groner & Rowell Co.

OREGON—continued
SEASIDE—Prouty Lumber & Box Co. (Saw & Planing Mills)
SHERIDAN—Ryan-Allen Lumber Co. (Saw Mill)
Sheridan Lumber Co. (Saw Mill)
SILVERTON—Silver Falls Timber Co. (Saw & Planing Mills)
Silverton Lumber Co.
SHERWOOD—Tappendorff Paul I. (Saw & Planing Mills)
SPRINGFIELD—Booth-Kelly Lumber Co. (Saw Mill)
SWEET HOME—*Weedle A. L.
WALKER—*Briggs Lumber Co
WALLOWA—Nibley Mimnaugh Lumber Co. (Saw Mill)
WARRENTON—*Kelly F. G. Lumber Co.
WAUNA—Crossett Western Lumber Co. (Saw Mill)
WENDLING—Booth-Kelly Lumber Co. (Saw Mill)
WEST PORT—*Westport Lumber Co.
WHEELER—Wheeler Lumber Co. (Saw Mill)

PENNSYLVANIA.

ALLEGHENY—§Bruckman Lumber Co., Preble nr Island
Schulze & Emanuel (Lumber & Planing Mill), 614 3d
*Walter H. R. Lumber Co. (Hardwood & Yellow Pine), Fayette & Manhattan
ALLENTOWN—*Big Run Manfg. Co. (Hardwood & Staves)
§Trexler Lumber Co.
ALPINE—*Smith Wm. M. (Saw Mill)
ASHLAND—*Bright H. F.
Waldner Adam (Planing Mill)
AVONDALE—Hicks John H. (Saw Mill)
BARREE—*Walker H. E. & Bro. (Lumber & Shingles)
BARTONSVILLE—Slutter L. L. (Saw Mill)
BEAVER FALLS—§Brierly Frank F. & Sons
BECHTELSVILLE—Stauffer A. T. B. (Saw Mill)
BELLEFONTE—*Crider P. B. & Son (Lumber & Saw Mills)
BRADFORD—*Bemis J. M. & Son
§Bond Alfred J. (Hemlock), 124 Mechanic
*Bradford Hdw. Lumber Co.
BROOKVILLE—*Pocahontas Lumber Co. (Spruce, Hemlock & Hardwoods), Mills: Burner, W. Va.
*Vanleer Bros. (Lumber & Planing Mill)
BURNT CABINS—Comerer W. M. (Saw Mill)
BUTLER—§Purvis S. G. Co., Dept. H
CAMBRIDGE SPRINGS—Blystone W. C. & Son (Saw Mills)
CHEAT HAVEN—Kendall Lumber Co. (Saw Mill)
CLARINGTON—*Braden A. R.
CLEARFIELD—*Clearfield Millwork & Lumber Co., (Ltd.), (Hemlock, Pine, Oak & Hardwood)
COATESVILLE—Ash Chas. W. (Saw Mill)
CONYNGHAM—Hess A. E. (Saw Mill)
COOKSBURG—Cook's A. Sons Co. (Lumber)
CORRY—Clark & Son Co.
COSTELLO—Central Pennsylvania Lumber Co. (Saw & Planing Mills)
DANIELSVILLE—Hickory Lumber Co.
DONORA—Allen Lumber Co., Dept. H
DUBOIS—*DuBois Jno. E.
EASTON—Butz Edward M. (Planing Mill)
SERFAS LUMBER CO., Drake bldg, *See adv index at end of book*
Zearfoss & Hillard Lumber Co. (Lumber & Saw Mill)
EBENSBURG—*Griffith Webster (Maple Flooring, Hemlock & Hardwood)
ELIZABETH—Rhodes S. O. (Saw Mill)
ELIZABETVILLE—Buffington, I. T.
ELK LICK—Compton Demetrius (Saw Mill)
EMPORIUM—*Howard C. B. Co.
ENDEAVOR—*Wheeler, Aylesworth & Co. (Saw Mill)
*Wheeler & Dusenberry (Lumber, Lath & Shingles, Pine Lumber up to 72 feet)
EVANS CITY—*Dambach Edw. Co.
FELTON—Stabley W. H. (Saw Mill)
GALETON—Emporium Lumber Co. (Saw & Planing Mills)
GRAND VALLEY—Wood, Williston P.
GUYS MILLS—Morgan John (Saw Mill)
Williams Bros. (Saw Mill)
HOLLIDAYSBURG—*Irvine Robt. C.
McKelvey Bros. (Saw & Planing Mills)
*Young Blair B. (Saw Mill)
HUMBERT—Schoffield Lumber Co. (Saw & Planing Mills)
IOLA—Eves A. W.
JOHNSTOWN—*Dempsey Lumber Co. (Spruce, Hemlock & Hardwoods)
Millboro Lumber Co. (Saw & Planing Mills)
*Murdock J. M. & Bro. (White Oak, Hemlock & Hardwood)
KANE—Anderson Edward G. (Saw & Planing Mills)
*Mell-Vaill Lumber Co. (Rough & Dressed Lath & Shingles)
KELLETTVILLE—Salmon Creek Lumber Co. (Saw & Planing Mills)
KNOXVILLE—*Edgcomb W. H. & Sons (Mill Work)
KREGAR—Blair Lumber Co. (Saw Mill)
KUTZTOWN—*Gonser John R.
LAQUIN—Central Pa. Lumber Co. (Saw & Planing Mills)
LEETONIA—Central Pennsylvania Lumber Co. (Saw & Planing Mills)
LIGONIER—Ligonier Lumber Co. (Saw Mill)
LINESVILLE—Bunday Lumber Co. (Saw Mill)
MARIENVILLE—*Shields D. B.
MILLERSBURG—Snyder C. J. (Saw Mill)
MILTON—*Clinger's D. Sons (Lumber & Planing Mill)
MONONGAHELA—*Monongahela Saw & Planing Mill Co.
MONTGOMERY—*Meixel, Coleman & Co. (Saw Mill)
NEBRASKA—*Collins, Darrah & Co.
*Watson Lands Lumber Co. (Pine Lumber)
NEW BETHLEHEM—*Andrews Lumber Co. (White Oak, White Pine & Hemlock, Timber & Lumber, also Plaining Mill)
NEWTOWN—Watson A. W. & W. M. Co. (Saw & Planing Mill)
NORRISTOWN—Grater-Bodey Co. (Planing Mill)
NORWICH—Norwich Lumber Co. (Saw & Planing Mills)
NOXEN—Trexler-Turrell Lumber Co.
OLYPHANT—*Peck Lumber Mfg. Co.
PAINTERSVILLE—Goss William Howard (Saw Mill)
PARNASSUS—*Logan J. W. & Sons Co. (Lumber & Planing Mills)
PHILADELPHIA—§Anderson & Slonaker, Del. av c Poplar
§Betts Lumber Co., Bailey bldg
§Bowers S. P. Co., Otis bldg
§Bruner Owen M. Co. (White & Yellow Pine & Hardwood, Maple Flooring, Rift Yellow Pine, Flooring a Specialty), Colonial Trust bldg
§Buzby C. M. & Sons, 626 Wash'n av
*Cherry River Boom & Lumber Co. (W. Va. Spruce, Hardwoods, Cypress & Pine), Land Title bldg
Coale Thomas E. Lumber Co. (Spruce, Hemlock, White Pine, Cypress, Long & Short Leaf Yellow Pine, Hardwoods, Larch, Fir & Cal. Sugar Pine), Bellevue Court bldg
Cook Tie & Pole Co. (Telegraph Poles, Posts, Piling, Railroad Cross Ties, Cordwood, Pulp Wood, etc.), 919 Commercial Trust bldg. *See adv index at end of book*
§Coppock-Warner Lumber Co. (Yellow Pine), Land Title bldg
Craig & Huff Co., 1512 Walnut
§Este Chas. Co., 3d & Allegheny
§Felin Chas. F. & Co., Old York rd & Butler
§Fritz Wm. H. & Co., Crozer bldg
§Garman A. St. Clair, 8th bl Diamond
§Geissel & Richardson, Ridge av e Master
§Gillingham Co., Norris & Richmond
§Hallowell & Souder (Hardwood, Pine & Cypress), Harrison bldg
*Hammer Thos. B., Franklin Bank bldg
§Holloway J. F. (Hemlock, Hardwoods & N. C. Pine), 312 Commercial Terrace blvd
§Janney Jos. W., Pier 52, North Wharves
*§Kay Lumber Co. (Pine, Hemlock & W. Va. Spruce), H, Liberty bldg
§Kent J. S. Co. (All Pine, Spruce & Shingles), Harrison bldg
§Ketcham Howard, 1160 N 3d
§Kugler Geo. W. & Sons Co., 921 New Market
Lear W. H. (Cypress & Hardwoods), 979 N Front
§Little Jno. J., Land Title bldg
*Little River Lumber Co., Franklin Bank bldg
§Lloyd Sam'l & Co., Girard bldg
§Lloyd Wm. M. Co., Ridge av c N 29th
§Lukens Bros. (Pine, Spruce, Hardwood & Shingles), 9th & Girard
§McIlvain J., Gibson & Co. (Hardwood a Specialty), Crozer bldg
§Malone, Watson & Sons, Laurel St. Wharf
Mingus & Rutter (Oak, Poplar, Bass, Hemlock, N. C. Pine & Other Hardwoods), Franklin Bk. bldg
§Nass Geo. & Son, Broad & Vine
§Otter Creek Boom & Lumber Co. (Hemlock), Witherspoon bldg
Pearson & Ludascher Lbr. Co. (Yellow Pine) Westmoreland & Delaware
§Peart, Nields & McCormick Co., Harrison bldg
*Penn-Florida Lumber Co.
Penn. Lbr. Co. (Cypress, N. C. & Yellow Pine), 1420H Chestnut
§Pennell Edmond, Penna bldg
§Provident Lumber Co., Water & Dickinson
§Rayner & Parker, Commercial Trust bldg
*Rice T. B. & Sons Co. (White Pine & Hemlock Lumber), Mifflin St. Wharf, Delaware River
§Risley C. V. (R. R. Ties & Lumber), Phila. Bourse
*Roper Jno. L. Lumber Co. (N. C. Pine & Cedar Shingles), Franklin Bank bldg
§Schofield Bros. (White Pine, Spruce, Hemlock, etc), Penna bldg
§Shearer Sam'l H. & Son, 1420 Chestnut
*Sheip Henry H. Mfg. Co. (Hardwoods & Cigar Box Lumber), 6th & Columbia
§Souder E. A. & Co. (Pine & Cypress), Franklin Bank bldg
§Spiegle Geo. M. & Co., 18th & Somerset
§Stokes Bros. Co., N W 30th & Chestnut
Tague Jas E. & Co. (Whol. Dlrs.), 10th & Columbus av
§Talley's Thos. J. Sons (Piling, Hemlock, Pine, Spruce & Oak Bill Stuff), Land Title bldg
§Ternan & White, 20th & Erie
§Thompson Lewis & Co. (R R Ties & Posts), N. American bldg
*Tilghman Lbr. Co., Shubert bldg
*†Turnbull J. W. Lumber Co. (White & Yellow Pine, Oak & Fir Timbers, also Exporters of Hardwoods), Stock Exchange bldg
§Vrooman S. B. Co. (Ltd.) (Yellow Pine & Mahogany), 1133 Beach
§Warner Geo., Drexel bldg
§Weitzel Lumber Co., Sedgeley & Gtn. av

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§Williams J. R. & Co., Commercial Trust bldg
*Williams & Van Roden (Ash, Poplar & Oak), 1345 Arch
§Wistar, Underhill & Nixon (Hardwood, Cypress & Pine), Rl. Est. Tr. Co. bldg
§Yellow Pine Co. of Phila. (Long & Short Leaf Yellow Pine), Penna. bldg
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Fegley Morris (Saw Mill)
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§Allegheny Lumber Co., Ferguson bldg
§American Lumber & Mfg. Co. (Timber, Lumber), Peoples Bank bldg
§Babcock Bros. Lumber Co. (Saw Mills), Frick bldg.
§Babcock Lumber Co. (Hemlock, White & Yellow Pine & Maple Flooring, Hardwood & Shingles), Frick bldg
*Frampton-Foster Lumber Co., Bessemer bldg
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Germain Co. (Southern Yellow Pine, Cypress), Farmers' Bank bldg.
§Gillespie D. L. & Co. (Pitch Pine, etc), Oliver bldg
§Hastings J. M. Lumber Co. (Yellow Pine), 541 Wood
Hill Edwin M, 2601 Penn av
§Ingomar Lumber Co., 526 Federal
§Interior Lumber Co., Keenan bldg
§Munhall R. J. Lumber Co., Sidney & Brady
§Nicola Lumber Co. (Red Cedar Shingles, Gum, Cottonwood, Hardwoods, Maple Flooring, etc), Farmers Bank bldg
§Ricks-McCreight Lumber Co., Oliver bldg
§Schuette Wm. & Co. Bndn Trust bldg
§Terhune Lumber Co. (White & Yellow Pine & Hemlock), Oliver bldg
§Thompson Dwight, House bldg
§Walter H. R. Lumber Co. (Hardwood, & Yellow Pine), Fayette & Manhattan
West Penn. Lumber Co. (Yellow Pine, White Pine & Hemlock), Farmers Bank bldg
West Virginia Lumber Co. (Boxing, Crating & Tank), First National Bank bldg
Wheeler J. R. & Co. (Pattern, Templet, Flask & Tank Lumber, Roofing & Furring Strips, Yellow Poplar for Carriage & Piano Mfrs.), Park bldg
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PLATO—*Cook J. W. & Sons
PLATEA—Cook J. W. & Sons (Saw & Planing Mills)
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POTTSTOWN—Snyder Henry J.
POTTSVILLE—Beecher & Barr (Mine Lumber, etc)
*Georgia Carolina Lumber Co.
*Glen Union Supply Co.
Lycoming Timber & Lumber Co.
*Tennessee Lumber Mfg. Co.
READING—Central Lumber Co.
Merritt Bros.
Reading Lumber Co.
Schofield Lance Co.
REYNOLDSVILLE—Hollis J. A. & Son
RIDGWAY—*Blue Stone Land & Lumber Co.
*Hyde W. H. & Co.
Thayer Henry S.
Walterboro Lumber Co. (Saw & Planing Mills)
ROCKWOOD—Wolf Penrose (White Oak, etc.)
ST. CLAIR—*Reichley Bros. & Co. (Mine Timber)
ST. MARYS—*Kaul & Hall Lumber Co.
*Portland Lumber Co.
SCRANTON—*Ansley Lumber Mfg. Co. (Shingles, Flooring, etc)
*Cherry River Boom & Lumber Co. (Spruce, Hemlock & Hardwoods)
*Hebard-Cypress Co., Mills, Waycross, Ga.
§Lackawanna Lumber Co. (Hemlock & Hardwood)
§Newman J. J. Lumber Co.
*Peck Lbr. Mfg. Co.
§Price & Howarth
*Washburn, Williams & Co.
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*Shamokin Lumber & Mfg. Co.
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*Pennsylvania Lumber Co. (Lumber, Lath & Shingles)
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TAMAQUA—Zehner Jacob (Saw Mill)
TEMPLETON—*Redinger S. G. & Sons
TIDOUTE—*Hunter L. L. (Est. of)
Stillman J. A. (Lime & Cement)
TIONESTA—*Forman H. M. (Lumber & Ties)
*Gaston G. G. (Lumber & Saw Mill)
*Robinsonn G. W. & Son (Planing Mill)
TOWANDA—Ellenberger & MacNeal
TYLERSBURG—*Baxter Lumber Co. (Saw Mill)
TYRONE—*Beyer F. D. & Co. (Saw & Planing Mill)
UNIONTOWN—*Palmer & Semans Lumber Co. (Lumber, Lath & Shingles)
URSINA—*Davis J. B. & Sons (White Oak, Poplar, etc)
*Van Sickel E. Co. (not inc.) (White Oak, etc)
WARREN—*Rogers Lumber Co. (Hemlock, Pine, Hardwood Flooring, Mouldings, Lath, Shingles, House Finish, etc)
§West J. H. Lumber Co.
*Wetmore L. D. Co.
*§Young J. H. Lumber Co. (Saw Mill)
WASHINGTON—Dunbar & Wallace, Dept. H
WAYNESBORO — *Emerson - Brantingham Co. (Planing Mills)
WILLIAMSPORT—§Birkle John A.
*Bowman Lumber Co. (Hemlock, etc)
*Breining John A. & Son
*Central Penna. Lumber Co.
*Coleman Harter & McCormick
*Coleman John (Hemlock, etc)
§Erdman Geo. F.
*Emery Lumber & Coal Co. (Hemlock, Long, Large Bbls)
*Hall John L.
Hoover G. W.
*Kavanaugh Daniel
§Mansel James
*Mansel & Metzger
§Miller H. A. & Co.
*Perley A. P.
§Reese-Sheriff Lumber Co.
§Roos Chas.
*Sones C. W.
*Walton P. B.
§Williamsport Hardwood Lbr. Co.
*Williamsport Planing Mill Co.
WOODBURY—Frederick Adam (Saw Mill)
WYALUSING—*Welles M. H. & G. H. Lumber Co.

RHODE ISLAND.

PROVIDENCE—§Angell H. M. 49 Westminster
*Crittenden Lumber Co.
§Gage L. H. Lumber Co. (Hardwood), 32 Westminster
§Kile & Morgan Co., R. I. H. Tr. bldg
*Potter, J. A. & Co. (Southern Pine, etc.), Crary
Talbot Bros. & Horton Co. (Box Shooks & Box Boards), Grosvenor bldg

SOUTH CAROLINA.

ALCOLU—*Alderman, D. W. & Sons Co.
ALLEN—Trexler Lumber Co. (Saw Mill)
BADHAM—*Dorchester Lumber Co. (Saw & Planing Mills)
CAMDEN—§Davidson, Leroy S. & Co. (Saw & Planing Mills)
CHAPLIN—Robinson, C. P. (Saw Mill)
CHARLESTON—§Anderson Lumber Co. (Lumber Ties and Shingles)
*Burton, E. P. Lumber Co. (Cypress Lumber & Shingles)
*Halsey Lumber Co.
*North State Lumber Co. (Saw Mill)
Simmons, Benj. I. (Lumber, Timber, Shingles, Yellow Pine, Lumber, etc.)
Tuxbury A. C. Lbr. Co.
CHERAW—*Melklejohn Lumber Co. (Saw & Planing Mills)
COLLETON—*Colleton Cypress Co. (Saw & Planing Mills)
COLUMBIA—§Allison Lumber Co. Inc. (Rough & Dressed), 729 Lady
Columbia Lumber & Mfg. Co. (Saw & Planing Mills)
*§Farr-Barnes Lumber Co. (Saw & Planing Mills)
CONWAY—Conway Lumber Co. (Saw Mill)
DONORA—Kendall Lumber Co. (Saw Mill)
EMBREE — *Edisto River Lumber Co. (Saw & Planing Mills)
ESTILL—*Hamilton Ridge Lumber Co. (Saw & Planing Mills)
FLORENCE—*Giles Bay Lumber Co. (Saw & Planing Mills)
GABLE—*Black River Cypress Co. (Saw & Planing Mills)
GEORGETOWN—*Atlantic Coast Lumber Corp.
§Ward-Bate Co. (Saw Mill)
Winyah Lbr. Co.
GREENWOOD—Snead, W. J., Lumber Co. (Saw & Planing Mills)
HAMPTON—*Hampton & Branchville R. R. Lumber Co.
HARDEEVILLE — *Argent Lumber Co. (Saw Mill)
KINGVILLE—Trumble Edwin (Saw Mill)
LAKE CITY—*Deep River Lumber Co. (Saw & Planing Mills)
LEESVILLE—Barr C. D. (Saw Mill)
LITTLE RIVER—*Hammer Lumber Co. (Saw & Planing Mills)
LUMBER—*McKeithan D. T. Lumber Co. (Lumber & Saw Mills)
McBEE—Ingram J. D. (Shingle Mill)
McCLELLANVILLE—Leland H. G. (Saw Mill)
McCORMICK—Dorn, M. G. & J. J. (Saw Mills)
MARION—Anderson Lbr. Corp.
*Bell Lumber Co. (Saw & Planing Mills)
Marion County Lbr. Corp.
MERIWETHER—Hines Lumber Co. (Saw & Planing Mills)
MONCKS CORNER — *Urmston - Shipley Lumber Co. (Saw Mill)
MULLINS—*Mullins Lumber Co. (Saw & Planing Mills)
NORTH AUGUSTA—Faulkner & Mealing Planing Mills)
PAMPLICO—*Dargan Wagoner Co. (Saw & Planing Mills)
SOUTH CAROLINA—continued
PARKSVILLE—*Osborne C. C. Lumber Co. (Planing Mills)
PINEWOOD—Broughton N. L. (Saw Mill)
PROSPERITY—*Hunter & Saner (Lumber & Saw Mill)
RIDGEVILLE—Thrower D. E. (Saw Mill)
RIMINI—*Parker Lumber Co. (Saw & Planing Mills)
SALKEHATCHIE—*Baker, Moore & Co. (Saw & Planing Mills)
SCHOFIELD—*Saltkeatchie Lumber Co. (Saw Mill)
SELLERS—*Tilghman Lumber Co. (Saw & Planing Mills)
SUMMERVILLE—Prettyman J. F. & Sons
SUMTER—§Folley, O. H., & Co. (Saw Mill)
§McLaurin, H. J., Jr. (Saw & Planing Mills)
Penn Sumter Lumber Co. (Saw & Planing Mills)
SWANSEA—Rast W. B. & Son (Saw Mill)
TIMMONSVILLE — Anson Lumber Co. (Planing Mill)
VARNVILLE—Big Salkehatchie Cypress Co. (Saw & Planing Mills)
WALTERBORO—*Walterboro Lumber Co. (Saw Planing Mills)
WEST UNION—Brown Lumber Co. (Saw Mill)
Shockley J. C. (Saw Mill)

SOUTH DAKOTA.

RAPID CITY—Warren-Lamb Lumber Co. (Saw & Planing Mills)

TENNESSEE.

ALLARDT—§Gernt, Hugo & Arthur (Saw Mills)
BRAEMAR—Pittsburg Lumber Co. (Saw & Planing Mills)
BRISTOL—Bristol Door & Lumber Co. (Saw & Planing Mills)
Paxton Lumber Co. Inc. (Saw & Planing Mills)
*Stone Lumber Co.
BROWNSVILLE—Pracht, John C.
BUTLER—Peter-McCain Lumber Co. (Saw Mill)
CHATTANOOGA—*Card J. M. Lumber Co. (Hardwoods & Yellow Pine)
Central Lumber Co., Chattanooga, Tenn.
*Chattanooga Lumber Co.
§Evans G. H. Lumber Co. (White & Red Oak & Poplar)
*Field D. S. & Levi
*Loomis & Hart Mfg. Co. (Saw & Planing Mills)
CLEVELAND—Cleveland Lumber & Mfg. Mfg. Co. (Saw & Planing Mills)
Still & Seaborn (Planing Mill)
COOK PLACE—Highland Coal & Lumber Co. (Saw Mill)
COVINGTON—Mayes Howard Lbr. Co. (Saw Mill)
COWAN—*Davidson, Hicks & Green Co. (Saw Mill)
DAVIDSON—Highland Coal & Lumber Co. (Saw Mill)
DYERSBURG—Calcutt, N. W., Co. (Saw Mill)
FAYETTEVILLE—Williams Lumber Co. (Saw & Planing Mills)
GERNT—§Gernt Hugo & Arthur (Saw Mills)
GLEN MARY—Tennessee Lumber & Coal Co. (Saw & Planing Mills)
JACKSON—*Coleman W. H. Co. (Tight Barrel Circled Headings, etc)
JELLICO—*Zickgraf-Jenson Lumber Co. (Saw Mill)
JOHNSON CITY—*Harris Mfg. Co. (Hardwood Lumber)
*Stevenson, Charles I. (Saw & Planing Mills)
*White Lumber Co. (Maple, Chestnut, Hickory, Basswood & Poplar)
KNOXVILLE—Kimball & Kopcke (Hardwood)
Knoxville Lumber & Mfg. Co.
Logan J. M. Lumber Co. (Wholesale)
McCabe Walter (Wholesale)
Maples Lumber Co. (Wholesale)
River Side Lumber Co. (Mfrs)
*Rose D. M. & Co.
*Vestal Lumber & Mfg. Co. (Tennessee Red Cedar, Band Sawed)
LANCING—Emory River Lbr. Co. (Saw Mill)
LOUDON—Ward A. W.
MARYVILLE—Babcock Lumber & Land Co. (Saw & Planing Mills)

TENNESSEE—continued

MEMPHIS—*Anderson-Tully Co. (Gum & Cottonwood Lumber)
Baker-Matthews Lumber Co. (Plain & Quartered, Red & White Oak, Red & Sap Gum, White Ash, Cottonwood, Maple, Elm, Sycamore, Hickory, Tupelo, Poplar, Cypress), Bank of Comm. bldg, Dept. H
*Bellgrade Lbr. Co.
*Bennett-Hooper Lumber Co. (Southern Hardwoods, Oak, Ash, Gum, etc.), Dept. H
Brown Geo. C. & Co. (Hardwoods, Red Gum)
*Chickasaw Cooperage Co. (Cooperage Materials, etc)
*Cole Mfg. Co.
Conkling F. A. Co., Dept. H
Crenshaw-Gary Lumber Co. (Red Gum)
*De Soto Hardwood Flooring Co. (Planing Mills)
*Dickson J. W. Co. (Oak, Ash, Gum, Cottonwoods, etc)
Ferguson & Palmer (Saw Mill)
Florence Table & Lbr. Co.
Friedel W. R. Co.
§Gayson Lumber Co. (Southern Hardwood, Ash, Oak, Gum, Elm, etc.) (Saw Mills)
Gibson-Whitaker Co. (Saw Mill)
§Gladden C. S.
§Goodlander-Robertson Lumber Co. (Southern, All Kinds)
§Green River Lbr. Co. (Saw Mill)
*Holmes J. A. Lumber Co.
Jordan J. P. & Co.
*McLean Hardwood Lbr. Co. (Saw Mill)
§Major S. C. & Co. (Southern Hardwoods)
§May Bros. (Saw Mill)
Memphis Band Mill Co. (Saw Mill)
*Memphis Hardwood Flooring Co. (Flooring)
Memphis Stave Mfg. Co. (Slack Barrel Staves)
*Memphis Veneer & Lumber Co.
§Meredith J. P. Cedar Co. (Red Cedar, Piling, Poles & Posts)
*Moore & McFerren (Cottonwood & Gum)
*§Mossman Lbr. Co. (Saw Mill)
*Penrod Jurden & McCowen Inc. (Hardwood)
*Russe & Burgess (Hardwood, Plain & Quartered Oak, Satin Walnut, Poplar, Tupelo, Gum, Bay Poplar)
*Sondheimer E. Co. (Gum, Cypress, Cuttonwood, Ash, Elm, Poplar, Sycamore, etc)
§Stark Jas. E. & Co. (Plain & Quarter Sawed White & Red Oak, etc)
*Stimson, J. V. Hardwood Co. (Saw Mill)
§Stimson Veneer & Lbr. Co. (Saw Mills)
*Three States Lumber Co. (Hardwood)
*Thompson Albert N. & Co. (Gum & Southern Hardwoods)
Wheeler J. W. & Co. (Red Gum)
MENGELWOOD—*Mengel Box Co. (Saw Mills)
MOUNTAIN CITY—Doe Mountain Lumber Co. (Saw Mill)
NASHVILLE—§Davidson Hicks & Greene Co.
*Hayes A. L. Co. (Lumber & Tight Barrel Staves, etc)
*Indiana Lumber Co. (Hardwood)
*Lieberman, Loveman & O'Brien
*Love, Boyd & Co. (Oak, Ash, Poplar, Chestnut, Sycamore, Hickory, Rough & Dressed)
*Nashville Hardwood Flooring Co.
*Nashville Tie Co. (Cross Ties & Cedar Piling)
§Ransom J. B. & Co. (Rough & Dressed Red Cedar, Yellow Poplar, Walnut, Ash, Oak & Red Cedar Flooring)
Southern Lumber & Mfg. Co. (Saw Mill)
*Tenn Oak Flooring Co. ("Tofco")
NICK'S CREEK—Southern Lumber & & Mfg. Co. (Saw Mill)
NORCROSS—New River Lumber Co. (Saw Mill)
NORMA—*New River Lumber Co. (Hardwood)
POCAHONTAS—Howell M. H. (Saw Mills)
SOUTH PITTSBURGH—Haskew Lumber Co. (Saw Mill)
TELLICO PLAINS—Scott C. A. & Co. (Saw & Planing Mills)
Tellico River Lumber Co. (Saw & Planing Mills)
TOWNSEND—*Little River Lumber Co. (Saw & Planing Mills)
WAVERLY—*Lucas Land & Lumber Co. (Lumber & Planing Mill)

TEXAS.

ALTO—*Blount Decker Lbr. Co. (Saw & Planing Mills)
ATLANTA—§Richey T. R. Lbr. Mills (Saw Mills)
AVINGER—§*Coulter D. R. Lbr. Co. (Saw & Planing Mills)
Rhyne A. M. & Co. (Saw Mill)
BEAUMONT—*Beaumont Lumber Co. (Yellow Pine)
International Creosoting & Constr. Co.
*Keith Lumber Co. (Yellow Pine)
*Kirby Lumber Co. (Saw & Planing Mills)
*Miller & Vidor Lumber Co. (Saw & Planing Mills)
*Neches Lumber Co. (Saw & Planing Mills)
*Nona Mills Co., Ltd. (Yellow Pine)
Sabine Tram Co. (Yellow Pine)
BECKVILLE—§Daniels Z. C. (Saw & Planing Mills)
BENFORD—*Mardez Lumber Co. (Saw & Planing Mills)
BESSMAY—§Kirby Lumber Co. (Saw & Planing Mills)
BON WIER—Coffman J. H. Lumber Co. (Saw Mills)
BRONSON—Kirby Lumber Co. (Saw & Planing Mills)
BROWNDEL—*Kirby Lumber Co. (Saw & Planing Mills)
BUCK—*Livingston Lumber Co. (Saw & Planing Mills)
BURTON—*Burton Lumber Co., Dept. H
CALL—Kirby Lumber Co.
CAMDEN—*Carter W. T. & Bro. (Yellow Pine)
CARMONA—Sauer-Ragley Lumber Co. (Saw & Planing Mills)
CONNELL—*Reese-Corriher Lumber Co. (Saw & Planing Mills)
CONROE—Delta Land & Timber Co. (Saw & Planing Mills)
DALLAS—*Clark & Boice Lumber Co. (Yellow Pine)
*Craven Lumber Co. (Yellow Pine Lumber & Cypress Shingles)
§O'Neil W. H. & Co.
DIBOLL—*Southern Pine Lumber Co. (Yellow Pine)
DOUCETTE—Fidelity Lumber Co. (Saw Mill)
ELMINA—*Walker County Lumber Co. (Yellow Pine)
EVADALE—*Kirby Lumber Co. (Saw & Planing Mills)
FELICIA—*Sabine Tram Co. (Saw & Planing Mills)
FLETCHER—*Nona-Fletcher Lumber Co.
FOSTORIA—Foster Lumber Co. (Saw & Planing Mills)
FUQUA—*Kirby Lumber Co. (Saw & Planing Mills)
GALVESTON—*Moore & Goodman (Lumber, Lath & Shingles)
GARRISON—Garrison J. H. & Son (Saw & Planing Mills)
GLADSTELL—Grogan Mfg. Co. (Saw & Planing Mills)
GLADWATER—*Wadsworth T. M. (Yellow Pine & Hardwood)
GRAYBURG—*Thompson & Ford Lumber Co. (Saw & Planing Mills)
GROVETON—*Trinity County Lumber Co. (Yellow Pine)
HARLETON—Taylor R. W. & Co. (Saw & Planing Mills)
HARTBURG—Tomme S. M. & Sons, (Saw Mill)
HASLAM—Pickering W. R. Lumber Co. (Saw & Planing Mills)
HEMPHILL—§Knox Lumber Co. (Saw & Planing Mills)
HENDERSON—*§Rusk County Lumber Co. (Saw & Planing Mills)
HONEY ISLAND—*Myer R. A. Lumber Co. (Saw & Planing Mills)
HOUSTON—*Bender C. & Sons
*Bland Jeff Lumber & Bldg. Co.
*Carter W. T. Lumber & Bldg. Co. (Yellow Pine)
§Central Coal & Lumber Co. (L. L. Yellow Pine, La. Red Cypress, etc)
*Continental Lumber Co. (Yellow Pine, Cypress, Shingles, etc)
*Hilgard Lumber Co.
*Hill J. C. Lumber Co. (Lumber & Shingles)
*Kirby Lumber Co.
*Long-Bell Lumber Co.
*Norris W. H. Lumber Co. (L. & S. Leal & Yellow Pine Lumber & "Gilbert's" Shingles)
*Palmetto Lumber Co.
*Rice J. S. & W. M. Lumber Co.
*Sabine Lumber Co.
§South Texas Lumber Co. (Saw Mill)
*Texas & Louisiana Lumber Co. (Yellow Pine & Red Cypress Lumber, Lath, Pickets, Posts, Timbers, Ties, etc)
*Thompson Bros. Lumber Co.
*Trinity River Lumber Co.(Yellow Pine Lumber, Cypress Shingles)
*Vaughn Lumber Co.
*Ware Wm. Lumber Co. (L. L. Pine Lumber, Interior Finish, Flooring, Fencing, etc)
Weir R. W. Lumber Co.
*West Lumber Co.
HUMBLE—*Bender C. & Sons (Saw & Planing Mills)
JACKSON—Pace Lumber Co. (Saw & Planing Mills)
JASPER—Gilmer, Alex'r Lumber Co. (Saw & Planing Mills)
JEFFERSON—*Clark & Boice Lumber Co. (Saw & Planing Mills)
*Torrans Mfg. Co. (Yellow Pine)
KELTYS—*Angelina County Lumber Co.
San Augustine Lumber Co.
KINGSVILLE—Kingsville Lumber Co.
KIRBYSVILLE—*Kirby Lumber Co. (Saw & Planing Mills)
LEMONVILLE—*Beatrice Lumber Co. (Saw Mill)
*Hamburg Lumber Co. (Saw & Planing Mills)
LONGVIEW—*Castleberry & Flewellen Planing Mill Co. (Yellow Pine)
LOVELADY—Lang Smith (Saw & Planing Mills)
LUFKIN—*Lufkin Land & Lumber Co. (Yellow Pine)
MANNING—Carter-Kelley Lumber Co. (Southern Yellow Pine & Cypress)
MILVID—*West Lumber Co. (Saw & Planing Mills)
NACOGDOCHES—Frost Johnson Lumber Co. (Saw & Planing Mills)
NEW WILLARD—*Texas Longleaf Lumber Co. (Saw & Planing Mills)
OAKHURST—*Palmetto Lumber Co. (Saw & Planing Mills)
ONALASKA—West Lumber Co. (Saw Mill)
ORANGE—*Lutcher & Moore Lumber Co. (Calcasien Long Leaf Yellow Pine)
*Miller-Link Lumber Co.
*Tulane Lumber Co. (Saw & Planing Mills)
PINELAND—*Temple Lumber Co. (Saw & Planing Mills)
REMLIG—Gilmer, Alex'r Lumber Co. (Saw & Planing Mills)
ROGANVILLE—*Kirby Lumber Co. (Saw
RUSK—Powell Land & Lumber Co. (Saw & Planing Mills)
SAN ANTONIO—*Vaughan Geo. C. & Sons (Yellow Pine)
SILSBEE—*Kirby Lumber Co. (Saw & Planing Mills)
STEEP CREEK—*Kirby Lumber Co. (Saw & Planing Mills)
TALLTIMBER—*Talltimber Mfg. Co.(Saw & Planing Mills)
TENAHA—Parker H. C. & Bro. (Saw Mill)
TEXARKANA—*Buchanan Wm. (Yellow Pine)
*Southern Pine Lumber Co. (Yellow Pine)
TRINITY—§Peyton & Meekens
*Rock Creek Lumber Co. (Saw & planing mills)
*Thompson Bros. Lumber Co.
VILLAGE MILLS—Kirby Lumber Co. (Saw & Planing Mills)
VOTH—Keith Lumber Co. (Saw & Planing Mills)
WATERMAN—Waterman Lumber & Sup. Co. (Saw & Planing Mills)
WAUKEGAN—*Keystone Mills Co. (Yellow Pine)
WESTFIELD—Boettcher Edward (Saw Mill)
WESTVILLE—*West Lumber Co. (Yellow Pine)
WHITE CITY—*Boynton Lumber Co. (Saw & Planing Mills)

UTAH.

OGDEN—Oregon Lumber Co.
SALT LAKE CITY—§Stayner & Daly (Fir, Pine and Cedar)

VERMONT.

BENSON—Fowler J. M. (Saw Mill)
BRATTLEBORO — *Holden & Martin Lumber Co. (Wood Mantels, Stair Finish, Boxes, Interior Finish)
BRISTOL—Lathrop Noah & Son (Saw Mill)
BURLINGTON—*Booth J. R. (Lumber & House Finish)
§Crane W. & D. G. Co. (also Packing Boxes)
*Hickok Horatio Co. (Saw Mill)
Robinson Edwards Lumber Co. (Pine & Hardwoor, Lath, Shingles & Flooring)
*Shepard & Morse Lumber Co. Canadian & Western Pine)
EAST BARNET—Roy Bros. (Saw Mill)
FAIRLEE—Perkins S. W. (Saw Mill)
HARDWICK—Sawyer C. M. (Saw Mill)
JOHNSON—Parker & Stearns (Saw Mill)
LONDONDERRY—Wait Ch. S. (Saw Mill)
MANCHESTER—Purdy W. A. (Saw Mill)
MANCHESTER DEPOT — *Rich Lumber Co. (Saw & Planing Mills)
MOUNTAIN MILLS—Deerfield Lumber Co (Saw & Planing Mills)
NEWPORT—*Prouty & Miller (Saw & Planing Mills)
NORWICH—Sargent E. P. (Saw Mill)
ORLEANS—*Parker Young Co.
PEACHAM—Jennison O. M. (Saw Mill)
PERU—*Hapgood J. J. & Co.
RANDOLPH—Marcott O. J. & Son
RUTLAND—Chaffee's F. Sons
SHARON—Sawyer Otis Co.
SWANTON—*Webster Geo. & Sons (Basswood)
TOWNSHEND—Willard Chas. H. (Saw Mills)
WAITSFIELD—Moriarty W. H. (Saw Mill)
WASHINGTON—Huntington Chas. W. (Saw Mill)
WATERFORD—Le Clair Fred (Saw & Planing Mills)
WELLS RIVER—§Moore Arthur J.
WEST DUMMERSTON—Taft John (Saw & Shingle Mill)
WINOOSKI—White Robt. J.
WORCESTER—Ladd C. M. (Saw Mill)

VIRGINIA.

ACCOMAC—Lilliston Morris & Co. (Saw Mill)
ACHILLES—Rowe E. H. (Saw Mill)
ALTAVISTA—Altavista Dogwood Mfg. Co. (Saw & Planing Mills)

AMBURG—U. S. Spruce Lumber Co., Dept. H
ARRINGDALE—*Camp Mfg. Co., Office, Franklin, Va.
ATKINS—Atkins Lumber Co., Inc. (Saw & Planing Mills)
BLACKEY—*Ritter W. M. Lumber Co. (Saw Mill)
BOYDTON—*Mount-Gearhart Inc. (Saw & Planing Mills), Dept. H
BURKEVILLE—*Burkeville Lbr. Co. Inc. (Saw & Planing Mills)
BUTTERWORTH—Camp Mfg. Co. (Saw & Planing Mills)
CHARLOTTESVILLE — *Charlottesville Lumber Co.
§King Lumber Co.
CHASE CITY—Jeffreys-Spauling Mfg. Co. (Saw & Planing Mills)
CLAREMONT—*Arrington H. J. Co. (Hardwood)
CORNWALL—South River Lumber Co. (Saw & Planing Mills)
DAMASCUS—Damascus Lbr. Co. (Saw & Planing Mills)
DANIELTOWN—Wheler J. R. Co. (Saw Mills)
DANVILLE—Danville Lbr. & Mfg. Co. (Saw & Planing Mills)
DUNGANNON—Dungannon Lumber Co. (Saw & Planing Mills)
FORT BLACKMORE—*Stony Creek Lumber Co. (Saw Mill)
FRANKLIN—*Camp Mfg. Co. (N. C. Pine), Mills: Arringdale, Va.
FLINT HILL—Flint Hill Cooperage & Lbr. Co.
GILMERTON—Roper John L. Lumber Co. (Saw Mill & Planing)
GLAMORGAN—*Currier Lumber Corp. (Saw & Planing Mills)
HARTSVILLE—*De Hart I. C. & Co.
HOTCHKISS—*Millboro Lumber Co. (Saw & Planing Mills)
HURLEY—Ritter W. M. Lumber Co. (Saw Mill)
IVOR—Shaw Land & Timber Co. (Saw & Planing Mills)
KELSA—Ritter W. M. Lumber Co. (Saw & Planing Mills)
KENBRIDGE—Kenbridge Mfg. Co. (Saw & Planing Mills)
KONNAROCK—Hassinger Lumber Co. (Saw Mill)
LYNCHBURG—§*Adams Bros.-Payne Co. (Sash Doors & Mill Work)
DeWitt H. E. Lumber Co.
*Hickson Lumber Co. (Saw Mill)
Massie Morrison Lumber Co.
§Woodson & Graves.
MARION—*U. S. Spruce Lumber Co. (Spruce, Hemlock & Hardwoods)
MASSIES MILL—*Bee Tree Lumber Co. (Saw Mill)
MOUNTAIN GROVE—Moore J. E. Lumber Co. (Saw Mill)
NORFOLK—Baylor C. M. & Co. (Saw & Planing Mills)
Berkley Box & Lumber Co., Inc. (Box Shooks & Crates)
§Blake Frank W.
§Briggs G. S. & Co. (Air Dried, Edge Stocks, Box Grades, etc)
Cake Chas. W. (Saw & Planing Mills)
Conwell & Co. (Mine Prop. Timber)
§Crockett Lumber & Pile Co.
Cuthrell, John Box Co. (Shook Mill)
*Deep River Lumber Co. (Saw & Planing Mill)
*Emich Box & Lumber Co. (Shook & Planing Mills)
*Etheridge J. E. Lumber Co.
*Fosburgh Lumber Co. (Kiln Dried North Carolina Pine, Rough & Dressed)
§Freeman E. B. (N. C. Pine Boards)
Greenleaf-Johnson Lbr. Co.
*Johnson-Greenleaf Lbr. Co.
Jordan Bros. Lumber Co. (Cedar Boat) 300 Main
Lynnhaven Lumber Co. (Mine Prop. Timber)
§McKann M. & Co.
*Nichols Bros. (Cutters & Shippers of Pine, Oak & Spruce, Piles for Bridges Trestle & Dock Building)
*Richmond Cedar Works
*Roanoke R. R. & Lumber Co. (N. C. Pine)
*Rowland Lumber Co.
§Trant John H., Jr.
§Virginia-Carolina Tie & Wood Co.
Watkins E. A. & Bros. (Saw & Planing Mills)
§Wilson Wood & Lumber Co.
ONANCOCK—*Platt & Co. (Saw & Planing Mills)
ONTARIO—§*Hailey C. M. (Saw & Planing Mills)
PARDEE—*Blackwood Lumber Co. (Saw & Planing Mills)
PENDLETON—Walton H. H. (Saw Mills)
PENOLA—*Rose Hill Lumber Co., Inc. (Saw & Planing Mills)
PETERSBURG—Appomattox Box Shook Co. (Shook Mill)
Paper Box & Lumber Co. (Saw & Planing Mills)
*Robertson E. A. (Pine Lumber Boards & Rough or Dressed Training)
Roper Bros. Lumber Co.
§Shepherd T. J. (Saw Mill)
PORTSMOUTH—§Hart Jno. N. Lumber Co. (Saw & Planing Mill)
PROSPECT—Taylor Co., Inc. (Saw Mill)
PUTNAM—*White Oak Lumber Co. (Saw Mill)
RICHMOND—§Elington & Guy (Yellow & N. C. Pine), 611 Times Dispatch bldg
Francis W. R. & Bros. (Saw & Planing Mill) 1422 W Cary
Gulf Red Cedar Co. (Red Cedar)
§Gunn E. G. 2211 E Main
§Gunn W. S. & Co., 1312 W Marshall
Hamilton Ridge Lumber Co. (Saw & Planing Mills)
*Hare Robinson-Hughes, 15th
Heppert Jos. (Saw & Planing Mill), 906 Catherine
*Lea Lumber Co.
*Montague Mfg. Co., (Saw & Planing Mill), 4 S 10th
*Richmond Cedar Works (N. C. Pine, Rough & Dressed, Band Sawed, Poplar, Cypress Gum, etc), Fulton
Richmond Wood Working Co. (Saw & Planing Mill)
Siewers Richard A. (Saw & Planing Mill), 604 W Canal
§Sitterding-Carneal-Davis Co. (Saw & Planing Mill), 1601 W Leigh
§Winston, Miller & Clack
§Woodward & Son (Yellow & White Pine, Hardwood of All Kinds, etc), 4 S 10th
ROANOKE—§Adams, Payne & Gleaves Inc.
Central Mfg. Co.
*Keys-Walker Lbr. Co.
SUFFOLK — Dill Cramer-Fruitt Corp. (Saw Mill)
*Montgomery Lumber Co. (See New York)
TEMPERANCEVILLE—Jones J. H. (Saw Mill)
VICTORIA—*Weaver R. S. (Saw Mill)
WAVERLY—*Gray Lumber Co. (Saw & Planing Mills)
WEST POINT—§Richardson R. E. & Co.
WHALEYVILLE—Jackson Bros. Co. (Saw & Planing Mills)
WINCHESTER—*§Glaize Bros.
WOODSON—*§U. S. Spruce Lumber Co., Dept. H.
Woodson Lumber Co. (Saw Mill)
WOODSTOCK—Harris I. H. (Saw Mill)

WASHINGTON.

ABERDEEN—Aberdeen Lumber & Shingle Co. (Lumber & Shingles)
*American Mill Co. (Lumber & Shingles)
*Anderson & Middleton Lumber Co.
*Bay City Lumber Co. (Saw Mill)
*Big Creek Timber Co.
*Coats-Fordney Logging Co. (Logging)
*Donovan Lumber Co. (Saw Mill)
*Federal Mill Co. (Branch of San Francisco)
*Grays Harbor Logging Co. (Logging)
*Grays Harbor Shingle Co.
*Saginaw Timber Co.
*Slade S. E. Lumber Co. (Branch of San Francisco)
*Union Timber Co. (Logging)
§Pacific Lumber Agency
*West A. J. Lumber Co.
*Wilcox Shingle Co.
*Wilson Bros. & Co. (Saw & Planing Mill)
*Wishkah Shingle Co.
ACME—Miller G. W. Shingle Co. (Red Cedar Shingles)
ADDY—*Dearinger & Brunner (Saw Mill)
ALDER—*Reliance Lumber Co. (Branch of Seattle)
Johnson J. C. Lumber Co. (Saw Mill)
*Nisqually Shingle Co. (Shingle Mill)
ALOHA—*Aloha Lumber Co.
*Joe Creek Shingle Co. (Shingle Mill)
ALPINE—*Nippon Lumber Co. (Lumber & Shingles)
ANACORTES—Anacortes Lumber & Box Co.
*Burke Shingle Co. (Shingle Mill)
Cavanaugh J. H. & Sons (Shingle Mills)
*Corbett Mill Co. (Shingle Mill)
*Fidalgo Lumber & Box Co. (Saw Mill)
Hamilton J. E. (Shingle Mill)
Reichert Cedar Co. (Shingle & Planing Mills)
*Vincent G. E. (Shingles, etc)
ARLINGTON—*Brown-Kunze Co. (Shingle Mill)
*Hartford Shingle Co. (Shingle Mill)
*North Star Shingle Co., Inc. (Shingle Mill)
*Verd Cedar Co. (Shingles, etc)
ASOTIN—Farrish Arthur Lumber Co.
AUBURN—*Wilder J. H. (Lumber)
BALLARD—(See Seattle)
BARNESTEN—*Kent Lumber Co. (Saw & Planing Mills)
BATTLE GROUND—Brothers J. W. (Saw Mill)
BELLEVILLE—*Butler Lumber Co. (Saw & Shingle Mills)
BELLEVUE—*Heweet Lea Lumber Co. (Saw & Planing Mills)
BELLINGHAM—Bloedel Donovan Lumber Mills (Saw & Planing Mills)
*Commercial Shingle Co. (Shingle Mill)
*Futurity Investment Co. (Shingle Mill)
*Jerns Nicholas (Shingle Mill) (Shingles)
Jerns N. (Shingle Mill)
*Lake Shingle Co. (Shingle Mill)
*Manley & Sons (Shingle Mill)
*Mattson & Anderson (Shingle Mill)
*Miller Bros. Lumber Co.
*Minnesota-Western Lumber Co.
Mogul Logging Co.
*Morrison Mill Co. (Saw & Shingle Mill)
Nestos Timber Co., Ltd.
*Pancoast Shingle Co.
Puget Sound Sawmill & Shingle Co. (Saw & Planing Mills)
*Silver Beach Shingle Co.
*Upright Shingle Co. (Saw Mill)
Whatcom Falls Mills Co. (Saw Mill, etc)
*Wood E. K. Lumber Co. (Branch of San Francisco)
BIG LAKE—*Day Lumber Co. (Saw & Shingle Mills)
Progressive Mill & Logging Co. (Saw Mill)
BIRDSVIEW — *Hightown Lumber Co.
*Saginaw Shingle Co. (Saw Mill)
BLANCHARD—Hazel Mill Co. (Saw & Planing Mills)
BLAINE—*Blaine Shingle Co.
Morrison Mill Co. (Saw & Shingle Mill)
BLEWETT—Peshastin Lumber Co. (Saw & Planing Mills)
BLUECREEK—Elkhorn Mill Co. (Saw Mill)
BLUESLIDE—White Pine Cedar Co. (Saw & Planing)
BORDEAUX—*Mumby Lumber & Shingle Co.
BOTHELL — Oakville Shingle Co. (Shingles)
BOW—*Cleary Bros. (Shingle Mill)
Butler Lbr. Co. (Saw & Planing Mills)
BREWSTER—*Gamble Lumber Co. (Saw & Planing Mill)
BRYANT—*Stimson Mill Co. (Loggers)
BUCKLEY—*Page Lumber Co. (Lumber & Shingles)
BUCODA—*Bucoda Shingle Co. (Saw Mill)
BUNKER—*Bunker Shingle Co. (Shingle Mill)
Hill Logging Co. (Saw Mill)
BURLINGTON—Knutzen Bros. (Shingle Mill)
BURNETT—*Knowlton B. E. (Saw Mill)
CAMAS—Cavitt, J. H. (Saw Mill)
Las Camas Mill & Flume Co. (Saw & Planing Mills)
*Peterson Bros (Saw Mill)
CARLISLE—*Copalis Lumber Co. (Saw Mill)
CARLSBORG—*Carlsborg Mill & Timber Co. (Saw & Planing Mills)
CARLTON—Plessinger Lumber Co. (Saw Mill)
CASHMERE—Cashmere Lumber Co. (Saw Mill)
*Schmitten F. W. & Co. (Saw Mill)
CASTLE ROCK—*Cowlitz Shingle Co. (Shingle Mill)
Dirks Henry (Saw Mill)
*Peabody & Buland (Shingle Mill)
*Robin T. W. (Shingles)
*Silver Lake Railway & Lumber Co. (Loggers, etc)
CENTRALIA—*Eastern Railway & Lumber Co. (Shingles)
*Lincoln Creek Lumber Co.
Lumber Mfrs. Agency (Fir, Spruce, Cedar Lumber & Shingles, Fir Railroad & Structural Timbers, Car Materials, Yard Stock, Finish, Flooring, Ceiling, Lath & Cedar Shingles)
*Lumber Transit Co. (Planing Mills)
*Martin H. H. Lumber Co.
CHATTAROY—Sexton J. F. & Co.
CHEHALIS—Chehalis Mill Co. (Saw & Planing Mills)
*Chehales Shingle Co.
Coal Creek Lumber Co. (Saw Mill)
Shaver R. M. (Saw Mills)
CHELAN—Lake Chelan Box Factory (Saw & Planing Mills)
CHESAW—*Baker-Nealey Co. (Saw Mill)
Richter Julius (Saw Mills)
CLEAR LAKE—*Clear Lake Lumber Co. (Fir & Red Cedar Shingles)
CLE ELUM—Miller & Dunn (Saw Mill)
CLINTON—*Salisbury Bros. (Shingle Mill)
CLIPPER—*Clipper Shingle Co.
COLBY—*Colby Mill Co.
COLFAX—*Potlatch Lumber Co. (Lumber & Planing Mill)
COLVILLE—Diehl D. S. & Co. (Saw Mill)
Loucks J. H. (Saw Mill)
CONCONULLY—*McDaniels Wm (Saw Mill)
CONCRETE—*Baker River Lumber Co. (Shingle Mills)
CONNELL — *Potlatch Lumber Co. (Branch of Potlatch, Idaho)
COSMOPOLIS—*Grays Harbor Commercial Co. (Spruce & Red Cedar Shingles, Fir Tanks, Crossties, Poles, Dressed Lumber for Interior Finish, Ceiling, Siding, Wainscoting, Mill Work, Box Shooks, mixed cars of Lumber & Shingles, etc)
COULEE CITY—*Wright Bros. Lumber Co., Ltd.
COUPEVILLE—Coupeville Lumber Co.
*Island Mfg. Co. (Saw & Shingle Mill)
CUSICK—*Pheips M. A. Lumber Co. (Saw Mill)
CUSTER—*Custer Lumber Co. (Shingles)
*Jeffers F. K. (Saw Mill)
DALKENA—*Dalkena Lumber Co.
DARRINGTON—Giles Lumber Shingle Co. (Saw Mill)

WASHINGTON—continued
DARTFORD—*Dart H. W. (Saw Mill)
DEER PARK—*Deer Park Lumber Co., (Saw Mill)
*Stevens Lumber Co. (Saw Mill)
DOTY—*Doty Lumber & Shingle Co.
DRYAD—*Luedinghaus Bros. (Saw Mill)
DUVALL—*Cherry Valley Shingle Co. (Shingle Mill)
EAGLE GORGE—*Page Lumber Co. (Saw & Planing Mills)
EASTON—*Cabin Creek Lumber Co. (Saw Mill)
EATONVILLE—*Eatonville Lumber Co. (Saw Mill)
*Eppler Lumber Co. (Branch of Tacoma)
*Tide Water Mill Co. (Saw & Planing Mills)
ECHO—*Onstine A. (Saw Mill)
EDGEWICK—*North Bend Lumber Co. (Saw & Planing Mills)
EDMONDS—*A. & C. Mill Co. (Shingle Mill)
*Mowat Lumber Co. (Shingles, etc)
Proctor Cedar Co. (Shingle Mill)
*Quality Shingle Co. (Saw Mill)
Queen Mill Co. (Saw Mill)
*Union Shingle Co. (Shingles)
*Wasser-Mowat Shingle Co.
*Yost A. M., Est. of (Lumber & Shingles)
ELBE—*Cedar Shingle Co.
*Elbe Lumber & Shingle Co.
ELK—Edwards & Bradford Lumber Co. (Saw Mill)
ELLENSBURG—*Kittitas Lumber Co. (Saw Mill)
*Ellensburg Lumber Co. (Saw Mill)
ENTIAT—*Gray Geo. H. & Son (Saw Mill)
ENTIAT—*Gray Geo. H. & Son (Saw (Drop Siding, Ceiling, Finish Edge, Grain Fir Flooring)
ETNA—*Harvey Mill Co.
EVERETT—Baker Fred K. Lumber Co. (Red Cedar Lumber, Lath, Shingles & Mouldings)
Blackman C. A. & Co. (Shingles)
*C. B. Lumber & Shingle Co. (Shingle Mill)
*Cargo Shingle Co. (Shingle Mill)
Canyon Lumber Co. (Saw Mill)
*Clark-Nickerson Lumber Co.
*Clough-Hartley Co. (Saw & Shingle Mill)
§Connor & Grager Inc. (Shingle Mill)
*Eclipse Mill Co. (Lumber & Shingles)
Everett Mutual Mill Co. (Shingle Mill)
*Everett Shingle Co. (Shingles)
*Ferry-Baker Lumber Co. (Fir Lumber & Lath, Red Cedar, Beveled Siding, Shingles, etc)
*Garner Shingle Co. (Shingle Mill)
*Hartley Shingle Co. (Saw & Shingle Mill)
*Jamison Mill Co. (Shingle Mill)
*Mukilteo Shingle Co. (Shingle Mill)
*National Pole Co. (Branch of Escanaba, Mich.)
*Pacific Timber Co. (Fir Timbers, Deep Joist, Flooring, Ceiling, Cedar Siding & Shingles)
Robinson Mfg. Co. (Saw & Planing Mills)
*Rucker Bros. (Saw Mill)
Walton Lumber Co. (Saw Mill)
*Weyerhaeuser Timber Co. (R. R. Timbers, Car Materials, Flooring, Finish, Ceiling, Siding, Newels, Mouldings, Wagon Bottoms, etc)
EVERSON—*Hemmi-Nygren Mfg. Co. (Shingle Mill)
FAIRFAX—*Manley Moore Lumber Co. (Saw & Planing Mills)
FERNDALE—Pehrson August (Saw Mill)
FLORENE—*Hals John (Saw Mill)
FORKS—*Iverson J. B. (Saw Mill)
FORTSON—*Fortson Shingle Co.
*McCaughey Mill Co. (Branch of Seattle)
GERTRUDE—*Washington Lumber & Box Co. (Saw & Planing Mills)
GETCHELL—*Eggert G. S. (Shingles)
GLACIER—Campbell Moore Lumber Co. (Saw Mill)
GLOBE—*Globe Lumber Co.
GOLDBAR—*Goldbar Lumber Co. (Saw & Planing Mill)
GOLDENDALE—Cameron J. E. Lumber
Klatt W. C. & Sons Co. (Planing Mill)
GOSHEN—*Fazon & Zimmers (Saw Mill)
*Goshen Lumber Co. (Saw Mill)
GRANITE FALLS—*Chappell Shingle Co. (Shingles)
*Menzei Wm. (Saw Mill, Red Cedar Shingles)
Waite Mill & Timber Co. (Saw & Planing Mills)
HALL—Dayton Sawmill & Lumber Co. (Saw Mill)
HARRINGTON—*Harrington Milling Co.
HARTFORD—Rucker Bros. (Branch of Everett)
HAZEL—*Lake Riley Mill Co.
HEISSON—*Ryan-Allen Lumber Co.
HEYBROOK—*Heybrook Lumber Co. (Saw & Planing Mills)
HIGH POINT—*High Point Mill Co. (Shingle Mill)
HILLYARD—*Arlington Milling & Lumber Co.
*Hillyard Lumber Co.
HOBART—*Wood & Iverson
HOLLYWOOD—*Page & Bolster Shingle Co. (Saw Mill)

HOQUIAM—*Coats Shingle Co.
Corkey Bros. Logging Co. (Loggers)
Davenport-Paine Co. (Loggers)
*East Hoquiam Shingle Co. (Shingle Mill)
*Endresen Spar & Timber Co.
*Eureka Cedar Lumber & Shingle Co.
*Grays Harbor Lumber Co. (Saw Mill)
*Hoquiam Lumber & Shingle Co.
*Hoquiam Sash & Door Co. (Saw & Planing Mills)
Lamb Frank H. Timber Co. (Loggers)
*Lytle Logging & Mercantile Co. (Logging)
*National Lumber & Mfg. Co. ("Grays Harbor" Fir & Spruce; mixed cars of Lumber, Mouldings, Columns & Lath)
*Northwestern Lumber Co. (Spruce Fir & Cedar Shingles)
*Wood E. K. Lumber Co. (Fir, Spruce & Box Mfrs. (Branch of San Francisco)
Woodlawn Mill & Boom Co. (Saw Mill)
HUMPTULIPS—*Quianault Shingle Co. (Saw Mill)
INDEX—Index-Galena Lumber Co. (Pacific Coast Woods & Shingles)
INGLEWOOD—*Semmamick Shingle Co. (Saw Mill)
IONE—*Panhandle Lumber Co., Ltd. (Branch of Spirit Lake, Idaho)
ISSAQUAH—Neukirchen Bros. (Saw & Planing Mills)
JOYCE—Port Crescent Shingle Co. (Saw Mill)
KALAMA—*Mountain Timber Co. (Branch of Omaha, Neb.)
*Kapowsin Mill Co. (Saw & Planing Mills)
KEECHELUS—Kittitas Lumber Co. (Saw & Planing Mills)
KELSO—*Coweeman Driving & Rafting Co. (Loggers)
*Kelso Lumber Co. (Saw Mill)
*Moore J. N. (Shingle Mills)
KERRISTON—*Northwest Lumber Co. (Branch of Seattle)
KETTLE FALLS—*Charlton J. J. (Saw Mill)
KEYSTONE—*Stone Roller T.
KLICKTAT—*Western Pine Lumber Co. (Saw & Planing Mills)
KNAPPTON—*Astoria Timber & Lumber Co. (Branch of Astoria, Ore.)
*Knappton Mills & Lumber Co.
KNOWLTON—*Brewster Lumber Co.
LACENTER—*Brothers James W.
LACEY—*Russell Thos. N. (Shingles)
LAKE CITY—*Hillyard Lumber Co.
LAKE STEVENS—*Rucker Bros. (Saw Mill & Shingles)
LAWRENCE—Bridge Shingle Co. (Saw Mill)
LEAVENWORTH—*Great Northern Lumber Co. (Saw & Planing Mills)
LEBAM—Lebam Mill & Timber Co. (Saw Mill)
LINDBERG—Mountain Road Mill Co. (Saw Mill)
LITTLE FALLS—*Stillwater Lumber Co.
LITTELL—Snow Lumber & Shingle Co. (Saw Mills)
LOON LAKE—*Holland-Horr Mill Co. (Branch of Spokane)
LOWELL—New England Mfg. Co. (Shingle Mill)
*Valley Shingle Co. (Saw Mill)
LYLE—Lyle Lumber & Mfg. Co. (Saw Mills)
*Shippey O. E. (Saw Mill)
LYMAN—*Skagit Mill Co.
LYNDEN—*Lynden Mill & Light Co. (Shingle Mill)
*Roo & Van Leeuwen Lumber Co.
Shady Brook Shingle Co. (Saw Mill)
McCORMICK—*McCormick Lumber Co. (Fir Yard Stocks, Flooring, Ceiling, Dimension, Long Timbers, Cross Arms & Shingles)
*McCleary Henry Timber Co. (Saw & Planing Mills)
McINTOSH—*Perry A. P. Lumber Co. (Saw & Planing Mills)
McKENNA—*McKenna Lumber Co. (Saw & Planing Mills)
McMILLIN—*Overton Lumber Co. (Saw & Planing Mills)
McMURRAY—*Atlas Lumber Co. (Saw & Planing Mills)
MACHIAS—Bartlett Mill Co. (Shingles)
MALONE—*Vance Lumber Co. (Saw & Planing Mills)
MAPLEFALLS—Silver Lake Mfg. Co. (Saw & Planing Mills)
MARCUS—Holston E. A. (Saw Mill)
MARKHAM—*Markham Shingle Co.
*Deming F. G. Lumber & Shingle Co. (Saw Mill)
MARYSVILLE—*Kruse Shingle Co. (Saw Mills)
Plant Mfg. Co. (Saw Mill)
*Royal Cedar Co. (Saw Mill)
*Russell Mfg. Co.
MATLOCK—Ford H. E. (Saw Mill)
MESKILL—Meskill Lumber Co. (Saw Mills)
METALINE FALLS—Sexsmith Lumber Co. (Saw & Planing Mills)
METHOW—*Methow Sawmill Co. (Saw & Planing Mills)
MIDLAND—Howell-Hill Mill Co. (Saw Mill)
MILAN—*Spokane Lumber Co.
MILLTOWN—Victoria Mill Co. (Saw Mill)

MINERAL—Carlson Lumber Co. (Saw Mill)
Miller-Wilson Lumber Co. (Saw Mill)
Mineral Lake Lumber Co. (Saw & Planing Mills)
Smith M. R. Lumber & Shingle Co. (Saw & Planing Mills)
*Valley Shingle Co. (Saw Mill)
MOCLIPS—Smith M. R. Lumber & Shingle Co. (Saw Mill)
MOLSON—Mitchelly S. C. Co. (Saw Mills)
MONOHAN—*Allen & Nelson Mill Co. (Saw Mill, Lumber Mfrs., Piling, Loggers, Fir & Hemlock)
MONROE—Johnson John (Saw Mill)
*Monroe Mill Co. (Shingles, etc.)
Stepneno-Bird Lumber Co. (Saw & Planing Mills)
§Wagner & Wilson (Cedar Shingles, Shingles, Fir Flooring, etc)
MONTBORNE—Nelson-Neal Lbr. Co.
MONTESANO—*Bishop E. K. Mill Co.
Clemons Chas. H. (Loggers)
*Hillview Shingle Co. (Saw Mill)
*Hoquiam Sash Door Co.
MORTON—*Lake Creek Shingle Co. (Saw Mill)
MOUNT VERNON—Progressive Mill & Logging Co. (Saw Mill)
MUKILTEO—*Crown Lumber Co. (Saw & Planing Mills)
*Mukilteo Shingle Co. (Saw Mill)
NAGROM—*Morgan Lumber Co. (Saw & Planing Mills)
NAPAVINE—Emery & Nelson
*Napavine Lumber & Mfg. Co. (Saw Mills)
NATIONAL—*Pacific National Lumber Co. (Saw Mill)
NORTHPORT—Palm & Sons (Saw Mill)
Standard Lumber Co. (Saw Mill)
NORTH YAKIMA—Cascade Lumber Co. (Kilp Dried Western Pine, Lap Siding, Finnish, etc.)
OLYMPIA—*Buchanan Lumber Co. (Saw & Planing Mills)
*Olympia Door Co. (Shingles, etc)
McCleary Henry Timber Co. (Saw Mills)
*Panama Lumber & Shingle Co. (Saw Mills)
OMAK—*Columbia Valley Lumber Co.
ONALASKA—Carlisle Pennell Lumber Co.
ORIN—Winslow Lumber Co.
OROVILLE — Mitchell S. C. Co. (Saw Mill)
OSO—*Oso Shingle Co. (Saw Mill)
OSTRANDER—*Ostrander R'y & Timber Co. (Long Timber, Spars & Ties)
PE ELL—*Yeoman Lumber Co.
PENRITH—King Sash Door & Lumber Co. (Saw Mill)
PESHASTIN — *Peshastin Lumber Co. (Saw Mill)
Wright C. A. (Saw Mill)
PILCHUCK—*Parker Bell Lumber Co.
POMEROY—*Potlatch Lumber Co. (Lumber & Planing Mill)
PORT ANGELES—*Eacrett Mill Co. (Shingles)
*Filion Mill & Lumber Co.
*Fuca Shingle Co. (Saw Mill)
Puget Sound Mills & Timber Co. (Fir, Red Cedar, Spruce, Western Hemlock, Cargo Mills & Shingles)
*Wait Elk Shingle Co. (Saw Mill)
PORT BLAKELEY—*Port Blakeley Mill Co. (Telegraph Arms, Lumber, etc.)
PORT GAMBLE—Pope & Talbot
*Puget Mill Co. (See San Francisco)
PORT LUDLOW—*Puget Mill Co. (See San Francisco)
PRAIRIE—*Hoyt J. M. (Shingles)
PRESTON—Preston Mill Co. (Red Cedar Fir & Spruce Lumber & Red Cedar Shingles)
PUYALLUP—Brew Mfg. Co. (Saw & Planing Mills)
*Evergreen Lumber Co. (Saw & Planing Mill)
QUILCENE—Green Mill Co., Inc. (Saw Mill)
RAINIER—*Lindstrom Handforth Lumber Co. (Saw & Planing Mills)
RAYMOND— Case Shingle & Lumber Co. (Shingle Mill)
*Coats A. S. Shingle Co. (Shingle Mills)
Hanify Lumber Co. (Saw Mill)
Hart Wood Mill Co. (Saw Mill)
Quinault Lumber Co. (Saw Mill)
*Raymond Lumber Co. (Fir & Spruce)
Siler Mill Co. (Spruce, etc)
Southwest Mfg. Co. (Saw Mill)
*Willapa Lumber Co. (Fir, Spruce, Shingles, etc)
REDMOND—Campbell Mill Co. (Saw & Planing Mills)
RENTON—May Creek Shingle Co. (Shingle Mill)
REPUBLIC—*Karamin Lumber Co. (Saw & Planing Mills)
RIDGEFIELD—Potter H. J. (Saw Mill)
ROBE—*Richardson & Walker (Shingle Mill)
ROCHESTER—N. & M. Lumber Co. (Saw & Planing Mills)
ROCKPORT—*Rockport Mill Co. (Shingle Mill)
ROSBURG—*Gray's River Shingle Co. (Saw Mill)
SCOTIA—Graham Chas.
SEATTLE—*Allen & Nelson Mill Co. (Fir)
*Atlas Lumber Co. (Fir, Red Cedar Lumber & Shingles), Atlas bldg

Belt Line Shingle Co. (Shingle Mill)
Brace & Hergert Mill Co. (Saw Mills)
*Bryant Lumber & Shingle Mill Co. (Lumber & Shingles)
§Buckeye Lumber Co. (Cedar & Fir), Campbell Napoleon (Red Cedar Shingles), 2453 W 54th
Canal Lumber Co. (Red Cedar Shingles), Interbay Station
*Chinook Lumber & Shingle Co. (Fir & Cedar)
*Commercial Cedar Co., Lumber & Shingles)
*David Lester W. Lumber Co. (Fir, Spruce & Cedar)
*Day Lumber Co.
Dunn Lumber Co. (Fir, Red Cedar Shingles), White bldg
Foster-Morgan Lumber Co. (Fir), Henry bldg
§Hartmann Neubert Lumber Co. (Spruce, Fir & Red Cedar)
*Lake Union Shingle Co. (Shingle Mill)
McDonnell J. W. Lumber Co. (Saw Mill)
McLaughlin Taylor Co. (Shingle Mill)
*Motor Shingle Co. (Shingle Mill)
Mullins Sawmill Co. (Saw & Planing Mills)
Newell-Bissell Lumber Co. (Saw & Planing Mills)
*Newell Mill & Lumber Co.
*Northwest Lumber Co. (Shingles, etc.)
*Old Oregon Lumber Co.
Oregon-Washington Lumber & Mfg. Co. (Fir, Spruce, Mont., Idaho Pine), Henry bldg
§Pacific Fir Co. (Timber, Piling, Ties, Red Cedar, Shingles, etc.)
*Parks Fred H. Lbr. Co., H, Henry bldg
*Phoenix Shingle Co. (Shingle Mill)
§Pine-Fir Co. (Cedar Shingles)
*Pinkham J. E. Lumber Co.
§Pioneer Lumber Co. (Fir, Spruce, Hemlock, Red Cedar, White Pine)
*Pontiac Shingle Co. (Shingle Mill)
*Preston Mill Co. (Fir)
Puget Mill Co. (Fir), Mills, Port Gamble, Wash.
*Reliance Lumber Co.
*Roy E. B. Lumber Co. (Fir, Spruce & Red Cedar Lumber & Shingles)
*Schwager & Nettleton (Inc.) (Fir, Cedar, Spruce, Idaho White Pine, Red Cedar Shingles)
*Seattle Cedar Lumber Mfg. Co. (Sliding, Moulding, Columns, Newells & Shingles, etc.)
*Seattle Lumber Co. (Fir Lumber, Lath & Red Cedar Shingles)
Seattle Mill & Logging Co. (Saw Mill)
§Shepard-Traill Co. (Red Cedar, Spruce Fir, Cedar Shingles, etc.)
Sobey, James (Shingle Mill)
*Smith M. R. Lumber & Shingle Co. (Shingles, etc)
*Sound Lumber Co. (Pacific Coast Lumber & Shingles)
*Stetson & Post Lumber Co. (Saw Mills)
Stevenson Lumber Co.
*Stimson Mill Co. (Lumber, Shingles & Saw Mills)
*Two Lakes Mills Co. (Shingle Mill)
West Waterway Lumber Co. (Saw Mill)
*Wilson Robert S. (Lumber & Red Cedar Shingles)
Wollenweber O. Co. (Fir, Spruce & Shingles), White bldg.

PEDRO WOOLLEY—*Casey-Childs Shingle Co. (Shingle Mill)
*Cony Shingle Co. (Shingle Mill)
*Grand Rapids Shingle o. (Shingles, etc)
*Shrewsbury H. H.

SELLECK—*Pacific States Lumber Co. (Saw & Planing Mills)
SHELTON—Ingersoll Shingle Mfg. Co. Shingle Mill)
*Simpson Logging Co.
SILVER BEACH—Mattson & Anderson
SILVER LAKE—*Barnes F. G. (Shingles)
SKAMOKAWA—*Columbia Cedar Co. (Shingle Mill)
Howell Shingle Co. (Shingle Mill)
SKYKOMISH—Columbia Valley Lumber Co. (Saw & Planing Mills)
SNOQUALMIE—Snoqualmie Falls Lumber Co. (Saw & Planing Mills)
SOUTH BEND—*Andahl John (Shingle Mill)
*Columbia Box & Lumber Co.
*Kleeb Lumber Co. (Fir & Spruce Lumber, Fir Flooring, Ceiling, Stepping Fir Yard Shooks)
*South Bend Mills & Timber Co.
*North Palix Shingle Co. (Shingle Mill)
*Willapa Logging & Timber Co.
SOUTH PRAIRIE — *Nettleton - Bruce Logging Co.
SPOKANE—*Canadian-American Lumber Co. (Pine, Fir & Spruce)
§Dean Lumber & Fuel Co. (Saw Mill)
§Holland-Horr Mill Co.
*McGoldrick Lumber Co. (Western Soft Pine, Idaho White Pine Lumber & Lath)
*Manning Shingle Co. (Shingle Mill)
*Mohr Chas. W. (Shingle Mill)
*Phoenix Lumber Co. (Saw & Planing Mills)
§Pine-Fir Co. (Cedar Shingles)
Sexton J. F. & Co.
*Spokane Lumber Co.

SPRINGDALE—Phoenix Lumber Co. Saw & Planing Mills)
STANWOOD — *Stanwood Lumber Co. (Shingles, etc)
Timber)
Wisconsin Timber Co. Inc. (Saw Mill)
STARTUP—*Wisconsin Timber Co. (Saw Mill)
STEARNSVILLE—*Stearns Lumber & Shingle Co. (Shingle Mill)
STEVENSON—Youmans Simpson Lumber Co. (Saw & Planing Mills)
SUMNER—D. & M. Lumber Co. (Saw Mill)
*White River Shingle Co. (Saw Mill)
TACOMA—Addison Hill Lumber Co., (Saw Mill)
*Big Creek Shingle Co. (Shingles, etc)
*Bismarck Mill Co.
Buffelen Lumber & Mfg. Co. (Saw & Planing Mills)
*Clover Creek Lumber Co. (Saw & Planing Mills)
*Clear Fir Lumber Co. (Saw & Planing Mills)
*Danaher Lumber Co.
*Defiance Lumber Co.
*Dempsey Lumber Co. (Timber & Shingles)
Dolge Ernest, Inc. (Saw Mill)
*Far West Lumber Co.
*Fir Tree Lumber Co. (Saw & Planing Mills)
*Foster Lumber Co. (Fir Lumber)
*Hague Box & Lumber Co.
*Harty Geo. M. Lbr. Co.
*Howell-Hill Mill Co. (Shingles, etc)
*Isley Lumber Co. (Saw & Planing Mills)
Leybold-Smith Shingle Co.
*Lindstrom-Handforth Lumber Co.
McPhee & McGinnity Co.
*Manley-Moore Lumber Co.
*Midland Lumber Co. (Saw & Planing Mills)
*Mineral Lake Lumber Co. (Shingles, etc.)
*Nebraska Bridge Supply & Lumber Co.
*North End Lumber Co. (Saw & Planing Mills)
Northern Coast Timber Co. (Red Cedar Posts & Piling)
*Pacific National Lumber Co. (Shingles, etc)
*Pacific States Lumber Co.
Peterman Mfg. Co. (Saw & Planing Mills)
*Puget Sound Lumber Co.
*St. Paul & Tacoma Lumber Co. (Lumber, Ship & Bridge Timbers, Shingles, Lath, Spars, Piling, etc)
*Savage Bros.
*Scott & Howe.
Ship Lumber Mill Co. (Saw & Planing Mills)
*Tacoma Fir Door Co.
*Tacoma Mill Co. (Douglas Fir, Oregon Pine, Plank Timbers, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Shingles, etc)
*Washington Mfg. Co.
§West Coast Shingle Co. (Shingles, etc)
*Western Fir Lumber Co. (Saw &
*Wheeler-Osgood Co. (Cedar & Fir Sash, Doors, etc)
*Wheeler-Reese Lumber Co.
TENINO—*Mutual Lumber Co. (Saw & Planing Mills)
*Skookum Lumber Co. (Saw Mill)
THREE LAKES—*Three Lakes Lumber Co. (Saw & Planing Mills)
TIGER—St. Regis Lumber Co. (Saw Mill)
TOLEDO—Badger & Badger.
UNDERWOOD—Climax Lumber Co. (Saw Mill)
UNION MILLS—*Union Lumber Co. (Saw & Planing Mills)
VADER—Banzer Bros. (Saw Mill)
VALLEY—*Kulzer Jno. G.
VAN BUREN—Miller M. H. & Sons Mill Co. (Shingle Mill)
VANCOUVER—Du Bois Lumber Co.
Ryan-Allen Lbr. Co.
Vancouver Lumber Co. (Saw & Planing Mills)
VAN HORN—*Van Horn Shingle Co. (Shingle Mill)
VASHON—Steen H. Mill Co. (Saw Mill)
WALLA WALLA—*Whitehouse-Crawford Co.
WALVILLE—*Walville Lumber Co.
WENATCHEE—*Wenatchee Lumber Co.
WHITES—*White Star Lumber Co. (Saw & Planing Mills)
WHITE SALMON—Millsap & Dickey (Saw Mill)
WICKERSHAM — *Wickersham Shingle Co.
WINLOCK—Black Diamond Lumber Co. (Saw Mill)
*O'Connell Lumber Co. (Wash'n Fir & Poles & Piling up to 100 ft. in length)
*Veness J. A. Lumber Co. (Saw Mill)

WEST VIRGINIA.

ACCOVILLE—*Peytona Lumber Co. (Saw & Planing Mills)
ALBRIGHT—Cafilsch Lumber Co. (Saw & Planing Mills)
ALEXANDER—§Croft Lumber Co. (Saw & Planing Mills)
AVONDALE—*Ritter W. M. Lumber (Saw Mill)
BERKELEY SPRINGS—Crosfield Wm. (Saw Mill)
BEMIS—*§Bemis J. M. & Son (Saw & Planing Mills)
BERWIND—*Berwind Lumber Co. (Saw & Planing Mill)
BLUEFIELD—*Georgia Lumber Co. (Saw & Planing Mill)
BLUE JAY—*Blue Jay Lumber Co. (Saw & Planing Mills)
BOYER—*North Fork Lumber Co. (Saw & Planing Mills)
BUCKHANNON — *Alton Lumber Co. (Hardwood)
*Stockert G. F. & Son
CHARLESTON—*Charleston Lumber Co. (Saw & Planing Mill)
*Courtney Co. (Poplar & Oak Lumber, R. R. Ties, Bill Stuff Light Cooperage Stock)
Steinbeck L. O. Lumber Co. (Saw Mill)
*West Virginia Timber Co.
Wilderness Lumber Co.
Yellow Pine Lumber Co.
CHELYAN—*Porter Lumber Co. (Saw & Planing Mills)
CLARKSBURG—Pardee & Curtin Lumber Co. (Saw Mill & West Virginia Hardwoods)
CLOTHIER—Boone Timber Co. (Saw & Planing Mills)
CLOVERLICK—*Wise F. S. & Sons (Saw Mill)
COWEN—Smoot Lumber Co. (Saw Mill)
CURTIN—Pardee & Curtin Lumber Co. (Saw & Planing Mills)
DEER CREEK—Range Lumber Co. (Saw & Planing Mills)
DINGESS—Hutchinson Lumber Co. ,Saw Mill)
DOBBIN—*Parsons Pulp & Lbr. Co. (Saw & Planing Mills)
ELKINS—Brown M. M. & D. D. (Saw Mill)
*§Hardman Lbr. Co. (Saw Mill)
*§Keystone Mfg. Co. (Saw & Planing Mills)
Wildell Lumber Co.
ELLAMORE—Moorse-Keppel Co. (Saw Mill)
ERWIN—*Glade Lbr. Co. (Saw Mill)
EVENWOOD — *Raine-Andrews Lumber Co. (Saw & Planing Mills)
FITZPATRICK—*Raleigh Lumber Co. (Saw & Planing Mills)
GARDNER—*Bluestone Land & Lumber Co. (Saw & Planing Mills)
GAULEY MILLS—Cherry River Boom & Lumber Co. (Saw & Planing Mills)
HAMBLETON—*Otter Creek Boom & Lumber Co. (Hemlock)
HACKER VALLEY—*Mayton Lumber Co. (Saw & Planing Mills)
HERNDON—§*Guyan Lumber Co. (Saw & Planing Mills)
HOLCOMB—Cherry River Boom Lumber Co. (Saw Mill)
HONEY DEW—*Raine Lumber Co. (Saw Mill)
HORTON—*Parsons Pulp & Lbr. Co. (Saw & Planing Mills)
HUNTINGTON—Callaway C. M. Lumber Co.
§Dickerson Lumber Co.
*Hamill R. H. Co. (Hardwood), R. & P. bldg
Hutchinson Lumber Co. (Saw Mill)
Peytona Lbr. Co.
Ritter Burns Lbr. Co.
Sliger Bros. (Saw Mill)
JENNINGSTON—*Laurel River Lumber Co. (Spruce, Hemlock & Hardwoods)
KERMIT—*Hewit D. E. Lumber Co. (Saw & Planing Mills)
LOCUST—*Spice Run Lumber Co. (Saw Mill)
MILL CREEK—§Lutz D. E.)Saw Mill)
§Wilson Lumber Co. (Saw Mill)
McKENDALL—Steinbeck L. O. Lumber Co. (Saw Mill)
MABEN—*Ritter W. M. Lumber Co. (Saw & Planing Mills)
MIDDLE FORK—*Clay Lumber Co. (Saw Mill)
MORGANTOWN—Athens Lumber Co.
NALLEN—*Wilderness Lbr. Co. (Saw Mill)
OMAR—Peytona Lbr. Co. (Saw & Planing Mills)
OXLEY—*Raleigh Lbr. Co. (Saw & Planing Mills)
PALMER—Imperial Lbr. Co., (Saw Mill)
PARKERSBURG—Citizens' Lumber Co.
*Jackson J. M., Lumber Co.
Parkersburg Mill Co.
PARSONS—Parsons Pulp & Lbr. Co. (Saw & Planing Mills)
PICKENS—Ranwood Lbr. Co. (Saw Mill)
RAINELLE—Meadow River Lbr. Co. (Saw & Planing Mills)
RAYWOOD—*Warn Lumber Corp. (Saw & Planing Mills)
RICHWOOD—Cherry River Boom & Lumber Co.
STARK—*American Column & Lumber Co. (Saw & Planing Mills)
ST. ALBANS—American Column & Lumber Co. (Yellow Pine, Poplar & Hardwoods)
*Bowman Lumber Co.
SWISS—Flynn Lumber Co. (Saw & Planing Mills)
TIOGA—*Birch Valley Lumber Co. (Saw & Planing Mills)

WEST VIRGINIA—continued
VAUGHAN—West Virginia Timber Co. (Saw & Planing Mills)
WHEELING—§Wilson W. A. & Sons
WAITEVILLE—Virginia Hardwood Lbr. Co. (Saw & Planing Mills)

WISCONSIN.

ANTIGO—*Faust Lumber Co. (Saw & Planing Mills)
*Langlade Lumber Co. (Saw & Planing Mills)
§*Wolf River Lumber Co. (Saw & Planing Mills)
APPLETON—*Fountain J. Lumber Co. (Saw & Shingle Mill)
§Jones G. W. Lumber Co. (Hardwood)
ASHLAND—Bell Lumber Co. (Shingle) Mill)
*Schroeder John Lumber Co.
§Scott-Taylor Co.
ATHENS—*Braun Bros. & Co. (Lumber & Staves)
*Rietbrock Land & Lumber Co.
ATLANTA—Arpin Hardwood Lumber Co. (Northern Pine, Hemlock, Hardwoods & Cottonwood)
BAILEYS HARBOR — *Prueter Louis (Shingles)
BARABOO—Stewart & Alexander Lbr. Co.
BAYFIELD—Wachsmuth Lumber Co.
BELOIT—*Beloit Lumber Co.
BERLIN—Allen Lumber Co.
*Wilbur Lumber Co.
BIG FALLS—*Walt Spalding Lumber Co. (Saw & Planing Mills)
BIRCHWOOD—*Ahnopee Veneer & Seating Co. (Saw & Planing Mills)
BIRNAMWOOD—Andrews B. B. (Saw Mill)
BLACKWELL—*Flanner-Steger Land & Lumber Co. (Saw & Planing Mills)
BLANCHARDVILLE — Blanchardville Lbr. Co.
BOWLER—Bowler Lumber Co.
BRILLION—Brillion Lumber Co.
BRUCE—*Beldenville Lumber Co. (Hardwood & Veneer)
Namekagon Lbr. Co.
CABLE—Rogan Bros. (Saw Mill)
CARTER—*Miner Bros.
CEDERBURG—*Hilgen Mfg. Co. (Builders' Mill Work)
CHILTON—*Dorschel, Kroehnke, Lbr. Co.
COLEMAN—*Bolles E. E. & Co.
CRANDON—Carpenter Bros. (Saw Mill)
§Keith & Hiles Lumber Co.
CUMBERLAND—*Beaver Dam Lumber Co.
DANCY—Altenberg George H. Lumber Co., (Saw Mill)
DRUMMOND—*Rust-Owen Lumber Co. (Cork, White Pine, Pattern, Box Materials, Beveled Siding & Factory Stock)
DUNBAR—*Girard Lumber Co. (Lumber, Lath, Shingles, Piling, Posts, Ties, etc.
EAU CLAIRE—*Kaiser Jno. H., Lbr. Co. (Lumber, Lath & Shooks)
*New Dells Lumber Co. (Saw & Planing Mills)
*Northwestern Lumber Co. (White Pine & Basswood)
Stevens & Jarvis Lumber Co.
EDGAR—Ringle & Schill (Saw & Planing Mills)
EDGERTON—§Heddles Lumber Co.
ELCHO—Fish Chas. W. Lumber Co.
ELKHORN—*Elkhorn Lumber Co.
ELLSWORTH—Hines Frank, Jr., (Saw Mill)
ELMHURST—*Wunderlich George H.
ELTON—Crocker Chair Co.
FAIRCHILD—*Foster N. C. Lumber Co.
FIFIELD—§Patterson Bros. (Saw & Planing Mills)
FOND DU LAC—*Moore & Galloway Lumber Co.
FORT ATKINSON — *Zeugner - Hoffman Lumber Co.
GAGEN—Gagen Lumber & Cedar Co.
GOODMAN—Goodman Lumber Co. (Pine, Hemlock, Hardwood, etc)
GRAND RAPIDS—*Arpin Hardwood Lbr. Co. (Plain & Red Birch, Pine & Hemlock, Basswood, Siding, Ceiling & Hardwood Flooring)
*Badger Box & Lumber Co. (Resawed Lumber)
§Arpin John Lumber Co.
*Ellis E. W. Lumber Co. (Saw & Planing Mills)
§Kellogg Bros. Lumber Co.
*Pigeon River Lumber Co.
GREEN BAY—*Cleerman Land & Lumber Co.
*Diamond Lumber Co.
*Green Bay Planing Mill Co.
*§Tipler Grossman Lumber Co. (Saw Mill)
Valentine-Clark Co. (Cedar Posts, etc.)
*White Lake Lumber Co.
GRESHAM—Aderman Wm.
Morgan O. E. ((Saw Mill)
HARTFORD—*Denison & Coerper
Hatley-Knoke O. C.
HATLEY—Knoke O. E.
HAWKINS—*Ellingson Lumber Co.
HAYWARD—Willow River Lumber Co. Saw & Planing Mills)
HILES—*Forster-Mueller Lumber Co. (Saw & Planing Mills)
HILLSBORO—Hillsboro Hardwood Lbr. Co.
HORTONVILLE—Diestler Co. (Saw & Planing Mill)
HUDSON—*Central Lumber Co.
INDEPENDENCE — *Sprecher Lumber Co.
IOLA—Wipf J. & Co.
JANESVILLE—*Thoroughgood & Co. (Cigar Box Lumber)
JEFFRIS—*Larson Lumber Co. (Saw & Planing Mills)
KEWAUNEE—*Duvall Co.
KIEL—*Luan J. B.
KIMBALL—*Kimball-Clark Co. (Hemlock & Hardwood Lumber, White Cedar Shingles, Basswood & Hemlock Lath)
LAC DE FLAMBEAU—*Flambeau Lumber Co.
LADYSMITH—Flambeau River Lbr. Co.
*§Fountain-Campbell Lumber Co. (Saw & Planing Mills)
LA CROSSE—§Colman C. L. Lumber Co. (Lumber, Shingles & Saw Mills)
*Segelke & Kohlhaus Mfg. Co. (Sash, Doors & Mill Work)
LAFARGE—*Lafarge Lumber Co.
LAONA—Connor Lumber & Land Co. (Saw & Planing Mills)
LOYAL—Christman B. (Saw Mill)
Graves A. A. (Saw Mill)
LUGERVILLE—*West Lumber Co. (Saw & Planing Mills)
McMILLAN—*McMillan B. F. & Bro. (Hemlock, Pine & Hardwood)
MADISON—*Brittingham & Hixon Lumber Co.
Heddles Lbr. Co.
MARCH—*Doud Sons & Co. (Saw & Planing Mills)
MARINETTE—§Bissell Lumber Co. (Saw & Planing Mills)
*Brown-Mitchison Co.
Ludington N. Co. (White & Norway Pine, Lath & Shingles & Saw Mill)
Sawyer Goodman Co. (White Pine, Basswood, Hard & Soft Maple, Birch, Rock & Soft Elm Lath, Shingles & Hemlock)
MARSHFIELD—Connor R. Co.
Krause & Stone (Hardwood & Cottonwood)
*Raddis Lumber & Veener Co. (Saw & Planing Mills)
MATTOON—*White Star Lumber Co. (Hemlock & Cedar), Office: Chicago, Ill.
MEDFORD—*§Medford Lumber Co. (Saw & Planing Mills)
MELLEN—*Foster-Latimer Lumber Co. (Saw & Planing Mill)
Mellen Cedar Co. (Saw Mill)
*Mellen Lumber Co.
MENASHA—*Menasha Woodenware Co. (Saw Mill)
MENOMONIE—§Carter Frank Co. (Saw Mill)
MERRILL—*Anson, Gilkey & Hurd Co. (Lumber, Lath, Shingles & Box Shooks)
*Heineman Lumber Co. (Saw & Planing Mills)
Oilhoff F. W. (Saw Mill)
*Stange A. H. (Saw & Planing Mills)
MILWAUKEE—§Bergland G. A., Mathews bldg
Devere & Schloegel Lumber Co., 606 Park
Forster Lumber Co., 428 E Water
Hilty M. Lumber Co., ft 12th
§Johnson Lumber Co. (White Pine, Pattern, Templet & Flask Stock)
§Landeck Lumber Co. (Hardweods, Basswood, etc), First National Bank bldg
*Rietbrock Land & Lbr. Co., 700 Cedar
*Schroeder John Lumber Co., ft of Walnut
§Steinman Lumber Co. (Lumber, Lath & Shingles), 385 35th
§Tegge Lumber Co., (Hardwood), 700 Park.
*Wilbur Lumber Co., Pabst bldg
MORRIS—Buckstaff-Sprague Lumber Co.
MOSINEE—Mosinee Land, Log & Timber Co. (Saw Mill, Loggers, etc)
NEGAUNEE—Cleveland Cliffs Iron Co.
NEW GLARUS—*New Glarus Lumber Co.
NEW LONDON—*Hatten Lumber Co. (Hardwood)
NORWALK—Walz Geo. A. (Saw Mill)
OCONTO—*Holt Lumber Co. (Saw Mill)
Oconto Co. (Saw & Planing Mills)
*Oconto Lumber Co. (Hemlock)
OGEMA—*Ogema Lumber Co. (Saw & Planing Mills)
Victor Sebelik & Sons (Saw Mill)
OSHKOSH—*Campbell W. J. Lumber Co., Ltd. (Saw Mill)
Central Lumber Co.
Foster-Lothman Mills (Saw & Planing Mills)
Fuller-Goodman Co.
*Gould Mfg. Co. (Wholesale Mfrs. of Mill Works)
*Hemlock Manufacturers ("Old Faithful")
*Hollister Amos & Co. (Saw Mills)
*Kimball Clark Co.
*McMillen R. Co. (Wholesale Mfrs. of Mill Work)
*Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc, Shingles, White & Red Cedar & Pine) z
*Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Ash, Basswood, Elm, Maple, Oak, Hemlock, etc, Shingles, White & Red Cedar & Pine)
Northern Hemlock & Hardwood Mfgs. Assn. (Hardwood & Hemlock)
*Paine Lumber Co. (Ltd.) (Saw Mill & Wholesale Mfrs. of Mill Work)
*Radford & Wright Co. (Wholesale Mfrs. of Mill Work)
§Wagstaff W. J.
*Wall-Spalding Lumber Co. (Wisconsin Hardwoods, Basswood, Hemlock & Cedar Shingles, etc)
Winnecone Lbr. Co.
OWEN—*Owen John S. Lumber Co. (Pine & Hardwood)
PARK FALLS—Blackwell-Kaiser Lumber Co. (Saw & Planing Mills)
*Park Falls Lumber Co.
Roddi's Lumber & Veneer Co. (Saw & Planing Mills)
Winenbago Realty Co. (Shingle Mill)
PARRISH—*Brown Land & Lbr. Co. (Saw & Planing Mills)
PELLA—*Grosskopf Fred. A (Saw Mill)
PESHTIGO—*Constine Carl & Son (Lumber & Cedar)
*Peshtigo Lumber Co. (Saw Mill)
PHELPS — *Hackley-Phelps-Bonnell Co. (Saw & Planing Mills)
PHILLIPS — Kneeland-McClurg Lumber Co. (Hemlock, Hardwood & Cottonwood)
PLATTEVILLE—*Eastman Lumber Co.
POLLEY—*Nye Lusk & Hudson (Saw Mill)
POLONIA—Bentley A. P. (Saw & Planing Mills)
RHINELANDER—*Brown Bros. Lumber Co. (Hardwood, Pine & Hemlock Boxing & Crating Lumber)
§*Brown Land & Lumber Co. (Saw & Planing Mills)
*Collins C. C. Lumber Co. (Saw & Planing Mills)
*Crosby C. P. (Ash, Birch, Elm, Hard Maple, Basswood, Oak, Beech, etc)
*Danielson & Pierce (Birch & Basswood)
Lee Bros. (Saw Mill)
*Mason-Donaldson Lumber Co. (Hemlock & Hardwoods)
O'Melia J. H. Lumber Co. (Northern Pine, Spruce, Hemlock, Hardwoods & Shingles)
§Pierce A. S. (White Pine)
*Rhinelander Box & Lumber Co. (Saw and Planing Mills)
*Robbins Lumber Co. (Pine, Lumber, Lath & Shingles)
Stevens Lumber Co. (Saw Mill)
RIB FALLS—*Baeseman G. H. Mfg. Co. Wausau Lumber Co.
RIB LAKE—Rib Lake Lumber Co.
RICE LAKE — *Rice Lake Lumber Co. (Lumber Mfrs., Pine, Hemlock & Hardwood, Crating & Box Lumber)
RICHLAND CENTER—*Krouskop A. H. (Hardwood Lumber, Basswood, etc)
SAXON—Montreal River Lumber Co. (Saw & Planing Mills)
SCHOFIELD—§*Brooks & Ross Lumber Co. (Pine, Hemlock, Hardwood & Lath, Shingles, Pickets, etc)
SEYMOUR—Miller & Plehl (Saw Mill)
SHAWANO—*Shawano Lumber Co. (Saw Mill)
SHEBOYGAN—Freyberg C. B. Lumber Co. (Lumber & Shingle Mills, etc.)
*Wisconsin Timber & Land Co.
SOLDIERS' GROVE—Peterson A. (Saw & Planing Mill)
SOPERTON — *Menominee Bay Shore Lumber Co. (Saw & Planing Mills)
STANLEY—*Northwestern Lumber Co. (Birch Mouldings, Flooring & Interior Finish, Dry Hemlock Lumber)
STEVENS POINT—*Mitchell Wm. W. (Saw Mill)
*Stevens Point Box & Lbr. Co. (Pox Shooks)
*Week John, Lumber Co.
STILES—*Eldred Anson Co.
STRATFORD—*Connor R. Co.
STURGEON BAY—*Washburn, N. S. Lumber Co.
SUPERIOR—*Rogers-Ruger Lumber Co.
*Superior Box Co. (Saw & Planing Mills)
SURING—Wagner Mercantile & Mfg. Co. (Saw Mill)
TAVERA—Ellsworth M. D. & Co. (Sawmill)
THORP—Boardman E. A. & Sons (Saw Mill)
Bobb Peter E. & Co. (Saw Mill)
§Nye Lusk & Hudson Co. (Pine & Hardwood)
TIGERTON—Badger Lumber Co. (Sawmill)
*Tigerton Lumber Co. (Pine, Hemlock & Hardwood Lumber)
TOMAHAWK—*Bradley Co. ((Lumber, Lath)
*Mohr Lumber Co. (Saw & Planing Mills)
*Oelhafen John Co. (Saw & Planing Mills)
TONY—Hein John Co. (Saw Mill)
TRIPOLI—*Stolle Lumber & Veneer Co. (Saw & Planing Mills)

WABENO—Jones G. W. Lumber Co. (Saw Mill)
WASHBURN — *Kenfield-Lamoreaux Co. (Crating Lbr.)
WAUSAU—*Curtis & Yale Co. (Hardwood Flooring, Basswood, Ceiling & Siding, Pine Dimensions, Shingles, etc.)
*Fenwood Lumber Co.
Gill-Andrews Lumber Co.
§Goodwillie Bros. (Resawed Lumber)
*Hale Mylrea Co.
Heineman B. L Lumber Co. (Saw & Planing Mills)
Lake Shore Lumber Co. (Saw & Planing Mills)
*Marathan Lbr. Co. (Yellow Pine)
*Mortenson Jacob Lumber Co. (White & Norway)
*Stewart Alex. Lumber Co. (Lumber, Lath & Shingles)
*Thompson & Fleith Lumber Co.
*Wausau Box & Lumber Co. (Lumber & Box Shooks)
*Wausau Lumber Co. (Saw & Planing Mills)
Wausau Southern Lbr. Co. (Southern Yellow Pine, Cypress)
Wheeler Timlin Lumber Co.
*Wisconsin Box Co. (Pine & Basswood Lbr. & Box Shooks)
*Wisconsin & Arkansas Lumber Co.
*Yawkey Bissell Lumber Co.
WESTBORO—*Westboro Lumber Co.
WHITE LAKE—*Yawkey-Bissell Lumber Co. (Saw & Planing Mills)
WINCHESTER—*Turtle Lake Lumber Co. (Saw & Planing Mills)
WINEGAR—*Vilas County Lumber Co. (Saw & Planing Mills)
WINNECONNE — *Winneconne Lumber Co.

WYOMING.

HANNA—Wyoming Timber Co. (Saw & Planing Mills)

7654—Lumber Mfrs. & Wholesalers (Gum)

Anderson-Tully Co. (Red), Memphis, Tenn.
Askins & Dircks Lumber Co., Union City, Tenn.
Basic Mfg. Co., Wilmington, Del.
Bayou Land & Lumber Co. (Red), 301 Neave bldg, Cincinnati, O.
Bennett & Witte, 222 W 4th, Cincinnati, O.
Bonner J. H. & Sons (Red), Heth, Ark.
Brown Geo. C. & Co. (Red), Memphis, Tenn.
Buffalo Hardwood Lumber Co., 940 Seneca, Buffalo, N. Y.
Carrier Lumber & Mfg. Co. (Red Gum, etc.), Sardis, Miss.
Cincinnati Cigar Box Co. (Gum Lumber Veneered), 2nd & John, Cincinnati, O.
Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
Crenshaw-Gary Lumber Co. (Red), Memphis, Tenn.
Cypress Lumber Co., 88 Broad, Boston, Mass.
Darling J. W. Lumber Co., 2nd Natl. B'k bldg., Cincinnati, O.
Dickson J. W. Co., Memphis, Tenn.
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Farrin M. B. Lumber Co., Station av & Winton pl, Cincinnati, O.
Faust Bros. Lumber Co. (Red), Jackson, Miss.
Frost-Johnson Lumber Co., Huttig, Ark.
Gayoso Lbr., Dept. H, Memphis, Tenn.
Himmelberger-Harrison Lumber Co. (Red Gum), Morehouse, Mo.
Jones G. W. Lumber Co., Appleton, Wis.
Kraetzer-Cured Lumber Co., Moorhead, Miss.
McLean Hugh Lumber Co., Buffalo, N. Y.
Lamb-Fish Lumber Co., Charleston, Miss.
Miller Lumber Co., 893 Eagle, Buffalo, N. Y.
National Cooperage & Woodenware Co., Peoria, Ill.
O'Reilly Lumber Co., 1937½ N Broadway, St. Louis, Mo.
Paepcke Leicht Lumber Co., 111 W Washington, Chicago, Ill.
Quellmalz Hy Lbr. & Mfg. Co. (Red), 2500 S 1st, St. Louis, Mo.
Richmond Cedar Works, Fulton, Richmond, Va.
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
Smith-Carothers Lumber Co., Memphis, Tenn.
Standard Hardwood Lumber Co., Buffalo, N. Y.
Stewart I. N., Peoples Bank bldg, Buffalo, N. Y.
Stone T. B. Lumber Co., Dalton & Hopkins, Cincinnati, O.
Taylor & Crate, 2101 Elmwood av, Buffalo, N. Y.
Thomas & Proetz Lumber Co., Hall & Angelrodt, St. Louis, Mo.
Three States Lumber Co., Memphis, Tenn.
Utley-Holloway Saw Mill Co., Inc., Clayton, La.
Werner Louis Saw Mill Co., Fullerton bldg, St. Louis, Mo.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wheeler J. W. & Co. (Red), Memphis, Tenn.
Wiborg & Hanna Co., Cleveland, O.
Yeager Lumber Co., 932 Elk, Buffalo, N. Y.

7655— Lumber (Mahogany)

Astoria Mahogany Co., Inc., 347 Madison av, New York
Basic Mfg. Co., Wilmington, Del.
Hawes, Willard & Co., Lewis & 7th, New York
Palmer & Parker Co., 103 Medford, Boston, Mass.
Thompson Lewis & Co. (Lumber & Veneers), N American bldg, Phila., Pa.

7656—Lumber (Pattern & Flask Stock)

Acme Lumber & Shingle Co., 20 W Jackson blvd, Chicago, Ill.
American Lumber & Mfg. Co. (Soft Cork White Pine), Peoples Bank bldg, Pittsburgh, Pa.
Basic Lumber Co., Wilmington, Del.
Bosken Lumber Co. (White Pine), Evans & Erie, Cincinnati, O.
Coale Thomas E. Lumber Co. (Bone Dry Old Growth Michigan Soft Cork White Pine for Immediate Shipment, Water Cured Stock, also genuine Cal. Sugar Pine), Bellevue Court bldg., Pa.
Fisher & Wilson Co. (Mich. Cork White Plain), Rockefeller bldg, Cleveland, O.
Foss E. B. (Dry Cork White Pine), Bay City, Mich.
Johnson Lumber Co., Milwaukee, Wis.
Lansing Lumber Co., 824 N Main, Providence, R. I.
Large Bros. Lumber Co. (White Pine Pattern), N Tonowanda, N. Y.
Martin-Barriss Co., 2048 W 3rd, Cleveland, O.
National Tank & Pipe Co., Kenton Sta., Portland, Ore. *See adv index at end of book*
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
Thompson Lewis & Co. (Mahogany & Veneers), N American bldg, Phila., Pa.
West Virginia Lumber Co. (Soft Cork White Pine), First National Bank bldg, Pittsburgh, Pa.
White Charles H. & Sons Co., (White Pine & California Red Wood), 18th & Indiana, Phila., Pa.

7657 — Lumber (Southern Hardwood)

American Lumber & Mfg. Co., Peoples Bank bldg, Pittsburgh, Pa.
Basic Mfg. Co., Wilmington, Del.
Farrin M. B. Lumber Co. ("Century" Oak Flooring, Poplar Siding, etc), Station av, Winton pl, Cincinnati, O.
Kay Lumber Co., H, Liberty bldg, Phila., Pa.
SERFAS LUMBER CO., Drake bldg, Easton, Pa. *See adv index at end of book*
Utley-Holloway Saw Mill Co., Inc., Clayton, La.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wilson & Cochran, Lottie, La.
Wood-Mosaic Co., New Albany, Ind.

7657a— Lumber (Spruce)

Acme Lumber & Shingle Co., 20 W Jackson blvd, Chicago, Ill.
Anderson Lumber Corp., Marion, S. C.
Augusta Lumber Co., Augusta, Me.
Babcock Lumber Co., Pittsburgh, Pa.
Barker & Co., 53 State, Boston, Mass.
Bonners Ferry Lumber Co., Bonners Ferry, Idaho
Becker C. L. & D. J. Co., 290 B'way, New York
Berlin Mills Co., Portland, Me.
Canadian-American Lumber Co., Spokane, Wash.
Carpenter W. I. Lumber Co., 504 Lumber Ck, Minneapolis, Minn.
Cherry River Boom & Lumber Co., Land Title bldg, Phila., Pa.
Chinook Lumber & Shingle Co., White bldg, Seattle, Wash.
Connecticut Valley Lumber Co., 147 Milk, Boston, Mass.
Craig Geo. & Sons, Morris bldg, Phila., Pa.
Currier R. B. Co., Springfield, Mass.
David Lester W. Lumber Co., Seattle, Wash.
Dempsey Lumber Co., Johnstown, Pa.
Dutton A. C. Lumber Co., Springfield, Mass.
Emporium Lumber Co., Utica, N. Y.
Gayoso Lbr. Co. (Elm, Oak, Ash, Hickory, Cottonwood, Sycamore, Hackberry, Poplar, Tupelo), Dept. H, Memphis, Tenn.
Grays Harbor Commercial Co., Cosmopolis, Wash.
Hardentine Lumber Co., Camden, N. J.
Hart Wood Lumber Co., Northwestern Bank bldg, Portland, Ore.
Hartmann Neubert Lumber Co., Seattle, Wash.
Herron-Lawton-Parks Co., Henry bldg, Seattle, Wash.
Kay Lumber Co., Franklin Bank bldg, Phila., Pa.
Keith Lumber Co., 2350 Lafiin, Chicago, Ill.
Kent J. S. Lumber Co., Harrison bldg, Phila., Pa.
Kleeb Lumber Co., South Bend, Wash.
Maloney J. A. & Co., 16 Beaver, New York
McKee W. I. Lumber Co., Quincy, Ill.
Lampson Lumber Co., New Haven, Conn.
Leidel Lumber Co., St. Louis, Mo.
Lukens Lumber Co., 9th & Girard, Phila., Pa.
Lumber Mfrs. Agency, Centralia, Wash.
National Lumber & Mfg. Co., Hoquiam, Wash.
Oregon-Washington Lumber & Mfg. Co., Henry bldg, Seattle, Wash.
Pacific Export Lumber Co., Chamber of Commerce bldg, Portland, Ore.
Parkers L. B., Parkers, N. Y.
Pinkham Lumber Co., Seattle, Wash.
Pioneer Lumber Co., Seattle, Wash.
Pocahontas Lumber Co., Brookville, Pa.
Preston Mill Co., Preston, Wash.
Provincial Lumber Co., 16 Exchange pl, New York
Puget Sound Mills & Timber Co., Post Angeles, Wash.
Richardson A. H. Lumber Co., 176 Federal, Boston, Mass.
Roy E. B. Lumber Co., Seattle, Wash.
Schofield Bros., Penna bldg, Phila., Pa.
Shepard-Trial Co., Seattle, Wash.
Sherman A. Lumber Co., Central Terminal, New York
Sierra Nevada Wood & Lumber Co., San Francisco, Cal.
Siver M. L. & Co., Sidney, N. Y.
Slade S. E. Lumber Co., 112 Market, San Francisco, Cal.
Stack Lumber Co., Masonville, Mich.
St. Croix Paper Co., 244 Washington, Boston, Mass.
Stone & Hershey, 31 Clinton, Newark, N. J.
Talley's Thos. J. Sons, Land Title bldg, Phila., Pa.
Thomson L. & Co., Albany, N. Y.
Transfer Lumber & Shingle Co., N Tonawanda, N. Y.
Waite H. B. Lumber Co., Security bldg, Minneapolis, Minn.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
White, Richard P., Albany, N. Y.
Whitmer Wm. & Sons, Inc., Finance bldg, Phila., Pa.
Wollenweber O. Co., White bldg, Seattle, Wash.
Wood E. K. Lumber Co., 112 Market, San Francisco, Cal.
Worcester Lumber Co., Assn. bldg., Chicago, Ill.
Yellow Pine Co., 16 Beaver, New York

7657b— Lumber (Steel)

Berger Mfg. Co. ("Berloy," "Riplex"), Dept. H, Canton, Ohio
Chesapeake Iron Works, H, Westport, Baltimore, Md.
General Fireproofing Co., Dept. H, Youngstown, Ohio
National Pressed Steel Co., Dept. H, Masillon, Ohio
Truscon Steel Co., Dept. H, Youngstown, O.

7658— Lumber (Templet)

Acme Lumber & Shingle Co., 20 W Jackson blvd, Chicago, Ill.
American Lumber & Mfg. Co., Peoples Bank bldg, Pittsburgh, Pa.
Basic Mfg. Co., Wilmington, Del.
Coale Thomas E. Lumber Co. (White Pine & Basswood Bone Dry Templet Stock Always on Hand) Bellevue Court bldg, Phila., Pa.
Foss E. B., Bay City, Mich.
Johnson Lumber Co., Milwaukee, Wis.
Ross Warren Lumber Co., Jamestown, N.Y. *See adv index at end of book*
Serfas Lumber Co., Drake bldg, Easton, Pa. *See adv index at end of book*
Trunbull J. W. Lumber Co. (Wholesale Shippers), Stock Exchange bldg, Phila., Pa.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

7659— Luncheonettes

Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago

7660— Lycopodium

Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Lathrop H. R. & Co., 116 Beekman, New York
Lyon-Julian W. (Imp.), 101 Beekman, New York
McIlvain Bros., 1500H Hamilton, Philadelphia, Pa.
McKesson & Robbins (Imp.), 91 Fulton, New York
Nat'l Aniline & Chemical Co., Inc., 21 Burling slip, New York
Wiarda John C. & Co. (Imp.), 273 Greene, Brooklyn, N. Y.

7661-2— Lye

American Chemical Co., 640 Carr, Cincinnati, O.
Babbitt B. T. (Inc.), (Pure Concentrated), 15 W 34th, New York
Brookman Mfg. Co., 664 N Wells, Chicago, Ill.
Champion Chemical Works, 19 W Austin, Chicago, Ill.

LYE—continued
Drackett P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O
Eagle Lye Works, 28 Erie, Milwaukee, Wis.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hall E. N., 320 B'way, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mechling Bros. Mfg. Co. (Borax), Camden, N. J.
Millville Pulp & Products Co. (Wood), Millville, N. J.
Myers E. Lye Co., 3d & Clark, St. Louis, Mo.
National Chemical Co. of Cal., 526 Salameda, Los Angeles, Cal.
Penn Chemical Works ("Banner," Powdered & Crushed), 1332 Washington av, Phila., Pa.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Philadelphia Lye & Chemical Co., 1811 Fitzwater, Phila., Pa.
Schield Wm. Mfg. Co., 619 N 2d, St. Louis, Mo.
Tomson P. C. & Co. ("Red Seal"), 29 Washington, Phila., Pa.
Wander S. & Sons Chemical Co., Albany, N. Y.
Wiarda John C. & Co. (Caustic Lye), 273 Greene, Brooklyn, N. Y

Macadam Roads

See Contractors, Building & General

7663— Machetes

Disston Henry & Sons, Tacony, Phila., Pa.

7663a— Machine Builders

Clyne R. G. Engineering Co., 12th & Tyler, St. Louis, Mo.
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.

7663b—Machine Floor Sanding

INLAID FLOOR CO., 600 Alabama, San Francisco, Cal. & 4067 Watts, Emeryville, Cal.

7664—Machine Milling Work

FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

7665—Machine Parts (Finished)

Bonney Forge & Tool Works (Laundry), Allentown, Pa.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Myers Willard F. Co. (Automatic), Bedford, Ind.
*Norman Felix, Dept. H., Patterson, Pa.

7666—*Machine Parts (Hardened & Ground)

Detroit Screw Works, 348 Franklin, Detroit, Mich.

7666a — Machine Products (Automatic)

BELL CO. (THE) 1555 Fillmore, Buffalo, N. Y. *See adv index at end of book*
Dundore Mfg. Co., Reading, Pa.

Machine Screw Work

See Screw Machine Products

Machine Shop Furniture

See Steel Factory Equipments

7666b—*Machine Tool Attachments

Newman Mfg. Co. (For Engine Lathes, Drill Presses, etc.), 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Townsend H. P. Mfg. Co. ("Townsend" Taper for Lathes), 10H Hoadley pl, Hartford, Conn.
Vonnegut Machy. Co., 43 S Meridian, Indianapolis, Ind.

7667— Machine Tools

For Manufacturers of Machine Tools see the specific article; for Dealers, see Machinists' Tools & Supplies; also Machinery Dealers.
Acme Tool & Die Co., Syracuse, N. Y.
Am. Tube & Stamping Co. (For Power Presses), Dept. H, Bridgeport, Conn.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Betts Supply Co., 406H S Franklin, Syracuse, N. Y.
Bloomquist Eck Mach. Co., 1146 E 152nd, Cleveland, O.
Brady P. A. ("Fabrady"), 30 Church, New York
Brown & Zortman Machinery Co., 325H 2nd av, Pittsburgh, Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbia Machine Tool Co., Hamilton, O.
Dill S. C. Machine Co. (Slotting Machine), Somerset & Mascher, Phila., Pa.

BETTS
Heavy Duty Machine Tools
Known the world over for reliability, accuracy and production.
BETTS MACHINE COMPANY
420 Blossom Road, Rochester, N. Y.

Elyria Machine Co., Elyria, O.
Essley Machinery Co., 551 Washington blvd, Chicago, Ill.
Fenton Mach Tool & Die Co., Fenton, Mich.
Fosdick Machine Tool Co., Blue Rock & Applett, Cincinnati, Ohio.
Greene L. A., First Nat'l Bank bldg, Pittsburgh, Pa.
Hamilton Machine Tool Co., Hamilton, O.
Harrington Edwin Son & Son, 17th & Calowhill, Philadelphia, Pa.
Hisey-Wolf Mach. Co., Cincinnati, O.
International Mach. Tool Co., Indianapolis, Ind.
Jones Machine Tool Co. (Jobbers), 435 E Pearl, Cincinnati, Ohio
Kinsey E. A. Co., 331 W 4th, Cincinnati, Ohio
Kraetke Bros., 2483 Grand blvd, Detroit, Mich.
Lees-Bradner Co., 6210 Carnegie av., S. E. Cleveland, O.
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Luster Machinery Co., 917 Arch, Phila., Pa.
Lynd Farquhar Co., 419 Atlantic av, Boston, Mass.
MacLeod Co., 2227 **Bogen, Cincinnati, O.**
See adv index at end of book
Michigan Machine Co., 85 Porter, Detroit, Mich.
Midwest Mfg. Co., 1520 N 13th St. Louis, Mo.
Moak Machine & Tool Co., Port Huron, Mich.
Morris Machine Tool Co., Court & Harriet, Cincinnati, O.
Myers Machine Tool Co., **Columbia, Pa.**
See adv index at end of book
Mulliner-Enlund Tool Co., Syracuse, N. Y
Reliance Machinery Sales Co., Brighton rd & Pennsylvania av, Pittsburgh, Pa.
Special Tool & Eng. Mfg. Co., 310 E 2nd, Dayton, O.
St. Louis Machine Tool Co., 932H Loughborough, St. Louis, Mo.
Sebastian Lathe Co., Covington, Ky.
Seyfert's L. F. Sons, Inc., 437 N 3rd, Philadelphia, Pa.
Smith R. G. Tool & Mfg. Co. (Special), 315 Market, Newark, N. J.
Thompson Machine Co., Union Arcade, Pittsburgh, Pa.
U. S. Mach. Tool Co., Cincinnati, O.
Vonnegut Machy. Co., 43 S Meridian, Indianapolis, Ind.
Warner & Swasey Co., 5809 Carnegie av, Cleveland, Ohio
Whipp Machine Tool Co. (Shapers), Sidney, Ohio

7668 — Machine Work (Automatic)

Cassady-Fairbanks Mfg. Co., 6126 La Salle, Chicago, Ill.

7669—*Machine Work (For Automobiles)

Detroit Screw Works, 348 Franklin, Detroit, Mich.

7670—Machine Work (General Contract)

Bass Foundry & Machine Co., Ft. Wayne, Ind.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Geuder, Paeschke & Frey Co. (Drawn or Pressed), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Hanson Clutch & Machine Co., Tiffin, O.
See adv index at end of book
Lough Bros., 90 West, New York
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Penn Seaboard Steel Corp., Franklin Bank bldg, Philadelphia, Pa.
Treadwell Construction Co., Midland, Pa.
Up-To-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book
Wicaco Screw & Mach. Wks., 4801H Stenton av, Philadelphia, Pa.

Machinery

For Dealers in Machinery, see Machinery Dealers; also Machinists' Tools & Supplies.
Note.—For various kinds of Machinery Manufacturers see sub-classifications of this head following in their regular alphabetical order. See also Drills of various kinds; Lathes of various kinds; also Planers, various kinds; also Sugar Machinery; also Textile Machinery,, etc.; also Compressors, Air; also Blowers; also Conveyors; also Cranes; also Dynamos & Motors; also Elevators; also Engines; also Locomotives; also Presses of various kinds; also Pumps; also Road Rollers of various kinds. For page numbers, see Index of Contents.
See also Machinists & Founders

Abattoir Machinery

See Packing House Machinery; also Slaughter House Machinery

7671— Abrading Machines

Clark & Mills Electric Co. (For Testing Road Making Materials), Cambridge, Mass.
International Instrument Co., 23 Church, Cambridge, Mass.

7672—Abrasive Metal Cutting Machines

Greenfield Tap & Die Corp'n. ("Nutter & Barnes"), Greenfield, Mass.
See adv index at end of book
Peter Bros. Mfg. Co., Algonquin, Ill.
Slack Mfg. Co., Springfield, Vt.

7673—Acid Cleaning Machines

Torrington Mfg. Co., Torrington, Conn.

7674— Adding Machines

See also Calculating Machines; also Typewriters, Adding & Billing
Adder Machine Co. ("Wales" Visible Listing & Adding), Wilkes-Barre, Pa.
American Adding Machine Co., Mills bldg, San Francisco, Cal.
AMERICAN CAN CO. ("American" Non-Listing), 120 Broadway, New York
See adv index at end of book
Arithstyle Co., 35 W 39th, New York
Austin Adding Mach. Co., 297 Lincoln av, Balto., Md.
Automatic Adding Machine Co. ("Gem" Automatic), 148 Duane, New York
Automatic Bookkeeping **Register Co., S** Mo.
Barrett **Adding Machine Co.** (Portable), Bulletin bldg, **Phila., Pa.**
Burroughs Adding Machine Co., 2nd& Burroughs av, Detroit, Mich.
Cash Mercantile **Co., 326** Market, San Francisco, Cal.
Cluley Multiplier Co., Green Bay, Wis.
Commonwealth Adding Mach. Co., Muskegon, Mich.
Dalton Adding Machine Co. ("Dalton"), Norwood, Cincinnati, Ohio
Denominator Adding Mach. Co., 199 Cook, Brooklyn, N. Y.
Duco Adding Mach. Co., St. Louis, Mo.
Elliott-Fisher Co., Monadnock bldg, San Francisco, Cal.
Ellis Adding Typewriter, 338 Elizabeth av, Newark, N. J.
Ensign Mfg. Co. (Electric), 19 Brook, Fanuelli, Boston, Mass.
Federal Adding Machine Corp. ("Federal"), York & Grove, New Haven, Conn.
Federal Adding Machine Corp. ("Federal"), 251 4th av, New York
Felt & Tarrant Mfg. Co. ("Comptometer" Adding and Billing), 1717 N Paulina, Chicago, Ill.
Gancher Abraham T. (Desk), 148 Duane, New York
Greist Mfg. Co., New **Haven, Conn.**
Hainer Bookkeeping Machine Co. ("Providence"), 45 Willard av, Providence, R. I.
International Money Making Machine Co., Dept. H, Reading, Pa.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Meilicke Calculator Co., 934 Wrightwood av, Chicago, Ill.
See adv index at end of book
Metal Package Corp. of New York. ("American Non-Listing"), 509 5th av, New York *See adv index at end of book*
Monroe Calculating Machine Co., So. Orange, N. J.
Montague Mailing Mach. Co., Chattanooga, Tenn.
Morschhauser, W. A. ("Millionaire), 1 Madison av, New York
Morse Adding Machine Co., 18 N Ada, Chicago, Ill.
Muller Oscar Co. ("Tim," "Unitas," Imp), 32 Broadway, New York
Reuter Carl H. ("Brunsviga" & "Burkhard"), Land Title bldg, Phila, Pa.
Shonk Chas. W. Co., Maywood, Ill.
Standard Adding Machine Co., Forest Park bldg & Spring av, St. Louis, Mo.
Sunstrand Adding Machine Co. ("Sundstrand"), Rockford, Ill.
Tabulating Machine Co., 50 Broad, New York
Teetors Adding Mach. Co., Des Moines, Ia.
Triumph Adding Machine Co., 78 Smith, Brooklyn, N. Y.
U. S. Adding Machine Co., 101 Park av, New York.
Wales Adder Mach. Co., Wilkes-Barre, Pa.

7675—Addressing & Mailing Machines

Addressing Machine Co. (Machines for Addressing Tags), Buffalo, N. Y.

Addressograph Co., 901 W Van Buren, Chicago, Ill.
Belknap Addressing Mach. Co., 46 W 23d, New York
Challenge Machinery Co. ("Mercantile"), Grand Haven, Mich.
Elliott Addressing Mach. Co., 114H Sansome, San Francisco, Cal.
Elliott Co. ("Addresserpress"), Cambridge, Mass.
Evans Devices Corp. Addressing Machines, 745 Main, Buffalo, N. Y.
New Writerpress Co., Shelton, Conn.
Pollard-Alling Mfg Co., 312 E 23d, New York
Pruit Co., 112G N La Salle, Chicago, Ill.
See adv index at end of book
Rapid Addressing Machine Co., 46 W 23d, New York.
Stickney & Montague ("Montague" Ribbon Print), Chattanooga, Tenn.
Wallace Addressing Machine Co., 116 W 14th, New York.
Wing's Chauncey Sons ("Wing-Horton", "New Wing"), (Aluminum), Greenfield, Mass.

7676—Aeroplane Machy. & Equipment

Custer Specialty Co. (Custer Ameroids & Statoscopes), 28 N Ludlow, Dayton, O.
Dalton Machine Co., 1911 Park av, New York
Defiance Machine Wks., Defiance, O.
Fox Machine Co., Jackson, Mich.
Grand Rapids Veneer Wks., Grand Rapids, Mich.
Lansing Stamping & Tool Co., Lansing, Mich.
Mattison C. Machine Wks., Rockford, Ill.
Pryibil Machine Co., 520 W 41st, New York

7676a—Air Drying Machinery

Audiffren Refrig. Machine Co. ("Audiffren" Compressed), 90H West, New York.
Groton Electrical Devices, Inc. (For Hand Drying), Groton, N. Y.
Waldron Jno. Co., New Brunswick, N. J.

7677— Alfalfa Machinery

Howes S. Co. (Packers & Dust Collectors), Silver Creek, N. Y.
Huntley Mfg Co. ("Monitor" Packers & Dust Collectors, Silver Creek, N. Y.
Rabinson Mfg. Co., Muncy, Pa.

7678—Aluminum Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham Pittsburgh, Pa.

7679—Amatite Paper Machines

Haberkamp, Wm. Machine Works, 442 Wells, Chicago, Ill.

7679a—Angle Bending Machines

Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

7680—Angle Iron Cutting Machines (Hand Power)

Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Hinman D. A. & Co., Sandwich, Ill.
Kidder J. F. Mfg. Co., Burlington, Vt.
Lewthwaite, T. H. Machine Co., 411 E 31st, New York
Schatz Mfg. Co., Poughkeepsie, N. Y.

7681—Angle Straightening Machines

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Gibbs-Brower Co. (Elliott), 261 Broadway, New York
Kane & Roach, Syracuse, N. Y.
United Engineering & Foundry Co. (For Rolling Mills), Farmers Bk. bldg, Pittsburgh, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

7682—Angular & Ratchet Drilling Machines

See also Drills, Hand

Millers Falls Co. (Hand), 28 Warren, New York

Annealing Machines

See Heating Machines; also Furnaces, Annealing & Case Hardening

7683—Apple Butter Machinery

Sprague Canning Machinery Co. (Hand & Power), 222 N Wabash av, Chicago, Ill.

7684—Apple Evaporating Machinery

Boutell Mfg. Co., Rochester, N. Y.

7685—Apple Grating Machines

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hamilton Metal Products Co., Hamilton, Ohio
Hydraulic Press Mfg. Co., Mount Gilead, O.
Kelso & Co., 559 W Quincy, Chicago, Ill.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7686—Apple Paring Machines

Boutell Mfg. Co. ("Rival," "Triumph," Hand & Power), Rochester, N. Y.
Premier Machinery Co., Oakland, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Sinclair Scott Co., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners, Hand & Power), 222 N Wabash av, Chicago, Ill.

7687—Apple Quartering Machines

Boutell Mfg. Co. ("Pease"), Rochester, N.Y.
Forsyth Metal Goods Co. (& Corer), E. Aurora, N. Y.

7688—Apple Slicing Machinery

Boutell Mfg. Co. ("Pease," "Rotary," "Rochester" Self Feed, "Perfect" Self Feed & "Sun" Hand), Rochester, N. Y.
Rollman Mfg. Co., Mount Joy, Pa.

7689—Armature Banding Machines

Columbia Machine Works & Malleable Co. ("Columbia" and Heading), Atlantic av and Chestnut, Brooklyn, N. Y.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Ridlon Frank Co., 251 A, Boston, Mass.

7690—Armature Coil Taping Machines

Chattanooga Armature Works, Chattanooga, Tenn.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
Griswold Geo. M. Machine Co., New Haven, Conn.
Oliver Electric & Mfg. Co. ("Precision"), 4221 Forest Pk., St. Louis, Mo.

7691-2—Armature Disc Notching Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Mach. Co., Bridgeton, N. J.
Long & Allstater Co., Hamilton, O.

7693—Armature Straightening Machines

Columbia Machine and Malleable Iron Co. ("Columbia" and Lead Flattening), Atlantic av and Chestnut, Brooklyn, N. Y.
Kane & Roach, Syracuse, N. Y.

7694—Armature & Field Coil Winding Machines

Chapman P. E. ("Chapman" Adjustable Drum), 10 & Walnut, St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Coto Coil Co., 1655 Auburn av, Providence, R. I.
General Railway Supply Co., Rochester, N. Y.
Oliver Electric & Mfg. Co. ("Precision"), 4221 Forest Pk., St. Louis, Mo.
Universal Winding Co., Providence, R. I.

7695—Armor Plate Cold Saw Cutting Machines

Newton Machine Tool Works, 23 Vine, Phila., Pa.

Artesian Well Machinery

See Well Drilling Machinery

7696—Artificial Leather Making Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Waldron Jno. Co., New Brunswick, N. J.

7697—Asbestos Compound Mixing Machines.

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.

Ash Handling Machinery

See Conveyors, Coal & Ash; also Coal & Ore Handling Machinery; also Coal Storage Plant Construction

Asphalt Machinery

See Asphalt Plant Builders; also Mixers, Asphalt; also Heaters, Asphalt, Pitch & Tar.

7698—Assembling Machines (Wheel)

Defiance Machine Works (Auto & Auto Truck Wheels), Defiance, O.

7699—Auger Brick Machines

Bonnot Co., Canton, O.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Freese E. M. & Co., Galion, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*
Steele J. C. & Sons, Statesville, N. C.

7700—Auger Brick Machines & Pug Mill Combined

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

7701— Auger Clot Machines

Hadfield-Penfield Steel Co. (The) (For Roofing Tile), Bucyrus, Ohio
See adv index at end of book

7702 — Automatic Packaging Machines

Anderson E. D., Inc., 101 Park av, New York
Illinois Glass Co. ("Diamond I"), 402 W Randolph, Alton, Ill.
Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich.
Package Machinery Co., Springfield, Mass.
PETERS MACHINERY CO., 209 S La Salle, Chicago, Ill.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.
Premier Machinery Co., Oakland, Cal.
Standard Automatic Machine Co., Rochester, N. Y.

7703—Automatic Turret Machines

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Automatic Machine Co., 2269 E 65th, Cleveland, O.
National Acme Co. ("Gridley"), 7500 Stanton av, S C, Cleveland, O.
New Britain Machine Co. ("New Britain" Multiple Spindle), 190 Chestnut, New Britain, Conn.
Turner Machine Co. ("Turner Turret," Semi-Automatic, Vertical), Danbury, Conn.

7704—*Automobile, Bicycle, Sewing Machine & Typewriter Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7705—*Automobile Parts Machinery (Drop Forged & Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7706—Automobile Wheel Machinery

Kane & Roach, Syracuse, N. Y.

Axe Handle Machinery

See Lathes, Handle Turning

7707—Axle Cutting-Off & Centering Machines

FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

Axle Straightening Machines

See Shaft Straightening Machines

7708—Axle Upsetting Machines

Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.

7709—Axle Welding & Upsetting Machines

Champion Blower & Forge Co. ("Champion" for Axles & Tires), Lancaster, Pa.
Kane & Roach, Syracuse, N. Y.
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

7710— Badge Pin Machinery

Baird Machine Co., Bridgeport, Conn.

7711— Bag Closing Machines

Union Special Machine Co., 400 N Franklin, Chicago, Ill.

7712— Bag Filling Machines

See also Packing Machines

Bates Valve Bag Co., 1310 S Chicago av, Chicago, Ill.
Brown Bag Filling Machine Co. (For Filling & Sealing Flat Paper Bags), Fitchburg, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co. (For Fertilizer), Woodbery Sta., Baltimore, Md.

BAG FILLING MACHINES—continued
Richardson Scale Co. ("Richardson," Stationary & Portable), Passaic, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.
Schaffer Engineering & Equipment Co. (Poidometer Attachment), 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
VALVE BAG CO. OF AMERICA (Lime), 3440-3444 Summit av, Toledo, Ohio.
See adv index at end of book
Wolf Co., Chambersburg, Pa.

7713—Bag Making Machinery

See also Looms Bag

Bickett Machine & Mfg. Co., Cincinnati, O.
Brown Bag Filling Machine Co., Fitchburg, Mass.
Charleston Dry Dock & Machine Co.
Smith & Winchester Mfg. Co., South Windham, Conn.
Vierengel Matthew (Cement), 32 S 6th, Brooklyn, N. Y.

7714—Bag Printing Machinery

Bickett Machine & Mfg. Co., Cincinnati O.
Cottrell C. B. & Sons Co., New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Kidder Press Co. (Cloth & Paper), Dover, N. H.
Koehler Hy. L. Mfg. Co., Louisville, Ky.
Osterlind Printting Press & Mfg. Co., St. Paul, Minn.

7715— Bakers' Machinery

See also Confectioners' Machinery

American Bakers' Machinery Co. (Dough Dividers, Mixing & Moulding), 2121 N 9th, St. Louis, Mo.
Baker's Sons J. & Perkins Co., Inc. ("Bucket" Type Proofer & "Monarch" Proofer), White Plains, N. Y.
Bakers Joseph, Ltd. (Imp.), 233 B'way, New York
Baum & Schoel, Waterloo, Ia.
Bickett Machine & Mfg. Co., Cincinnati, O.
Century Machine Co., Oakley, Cincinnati, Ohio
Century Machine Co., Winton pl, Cincinnati, O.
Day J. H. Co. (Wire Cake Cutting Machines, etc), Cincinnati, O.
Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
East Iron & Machine Co., 351 E Market, Lima, O.
Getz M. & Co., 162 1st, San Francisco, Cal.
Green Thos. L. & Co. (Biscuit Plant Equipment Exclusively), Indianapolis, Ind.
HADFIELD-PENFIELD STEEL CO. (THE), Bucyrus, Ohio
See adv index at end of book

BAKERY MACHINERY
Dough Mixers, Troughs, Rotary Ovens, Etc.
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

Harton Pembroke D. (Icing Machines, etc.), Lawrence & Leigh, Phila., Pa.
Haysen Mfg. Co., Sheboygan, Wis.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Peerless Bread Machine Co., Sidney, Ohio
Peters Machinery Co., 209 So. La Salle, Chicago, Ill.
Read Machinery Co., York, Pa.
Robinson Mfg. Co., Muncy, Pa.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Thomson Machine Co., Belleville, N. J.
Triumph Mfg. Co., Cincinnati, Ohio

7716—Balancing Machinery (Pulley)

Defiance Machine Works, Defiance, O.
Vibration Specialty Co. (Static and Dynamic), Harrison bldg, Philadelphia, Pa.
See adv index at end of book

Laboratory of
Practical Balancing
Static and Dynamic
Manufacturers of
NWA BALANCING MACHINES
VIBRATION SPECIALTY COMPANY
Harrison Bldg. Philadelphia, Pa.

7716a—*Balancing Machines (Static & Dynamic)

Vibration Specialty Co., Harrison bldg, Phila., Pa. *See adv index at end of book*

7717—Balancing Machines (Knife)

American Wood Working Machinery Co., 347 Madison av, New York
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co. 1929-33 N Broadway, St. Louis, Mo.
Yates P. B. Machine Co., Beloit, Wis.

7718— Bale Tie Machines

Collins Plow Co. (Hand), Quincy, Ill.
Dain Mfg. Co., Ottumwa, Ia.
Des Moines Bale Tie Co., Des Moines, Ia.
Ertel Geo. Co., Quincy, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Oram John S. Co. (Punch, Shear & Riveter), 1316 E 53d, Cleveland, O.
Sandwich Mfg. Co., Sandwich, Ill.
Scott Hay Press Co., 1300 W 13th, Kansas City, Mo.

7719—Ball Turning Machines

American Tool & Machine Co., 10 High, Boston, Mass.

7720—Band Re-Sawing Machines

See also Band Sawing Machines

Allis-Chalmers Mfg. Co. (Horizontal & Vertical), Milwaukee, Wis.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
Garland M. Co., Bay City, Mich.
Hall & Brown Woodworking Machine Co., 1929-33 N Broadway, St. Louis, Mo.
McDonough Mfg. Co., Eau Claire, Wis.
Mereen-Johnson Machine Co. (Vertical & Horizontal Slab), 4400 Lyndale av N, Minneapolis, Minn.
Mershon W. B. & Co., Saginaw, Mich.
Oliver Machinery Co., Grand Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

7721—Band Saw Filing & Setting Machines

See also Specific Article Required

Ambler Saw Mfg. Co., Natick, Mass.
American Wood Working Machinery Co. ("Rogers," "Clement"), Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Black Diamond Saw & Machine Works ("Only"), Natick, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Defiance Machine Works, Defiance, O.
Disston Henry & Sons (Revolving), Tacony, Phila., Pa.
Hanchett Swage Works ("Hanchett" Automatic), Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
New Britain Machine Co. ("Equal Blow"), 190 Chestnut, New Britain, Conn.
Wellman Products Co. ("Foley"), 1444 E 49th, Cleveland, O.

7722—Band Saw Patch Machines

Baldwin, Tuthill & Bolton ("Bolton"), Grand Rapids, Mich.

Band Saw Setting Machines

See Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines; also Saw Sharpening Machines

Band Saw Sharpening Machines

See Saw Sharpening Machines

7723—Band Sawing Machines for Metal

Napier Saw Wks., Inc. ("Napier"), 40 Napier, Springfield, Mass.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Reynolds & Co., 1220 Real Estate Trust bldg, Philadelphia, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Thompson H. G. & Son Co. ("Eureka"), New Haven, Conn.
Williamson H. C., 321 N Crawford av, Chicago, Ill.

7724—Band Sawing Machines for Wood

See also Band Re-Sawing Machines

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Sawmill Machinery Co., Hackettstown, N. J.
American Woodwkg. Machy Co., Rochester, N. Y.
Baker Wm. H. (Hand Power), Trenton, N. J.
Clark Bros. Co., Olean, N. Y.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co. (Scroll, etc.), Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Defiance Machine Works, Defiance, O.
Fay J. & A. Egan Co., Cincinnati, O.
Fischer Machine Works (Band, Segment & Slab Re-Saws, etc.), 1845 Carroll av, Chicago, Ill.
Gardner Machine Works, Gardner, Mass.
Garland M. Co., Bay City, Mich.
Gee Chas. E. ("Gee"), Lowell, Mass.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
McDonough Mfg. Co., Eau Claire, Wis.
Mershon W. B. & Co., Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Oliver Machinery Co., Grand Rapids, Mich.
Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.
Power L. & Co., 20 S 23d, Phila., Pa.
Root B. M. Co., York, Pa.
Silver Mfg. Co. ("Silver" Foot & Power), 256 Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
West Side Iron Works, Grand Rapids Mich.
Wysong & Miles Co., Greensboro, N. C.
Yates P. B. Machine Co., Beloit, Wis.

7725—Band Sprue Sawing Machines

Brass Founders Supply Co. (For Brass Founders), Wilson av, Newark, N. J. N. J.

7726—Band & Rip Saw, Boring & Spoke Tenoning Machines (Combined)

Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.

7727—Bandage (Surgeon's) Cutting Machines

Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

7727a—*Banding Machines (Hub)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

7727a1—Bar Bending Machines

Electric Welding Co., Benedam Trees bldg, Pittsburgh, Pa.
Jameton Patent Bender Co. ("Dixie"), Arcade bldg, St. Louis, Mo.
Reinforced Concrete Co., St. Louis, Mo.
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

7727b—Bar Cutting Machines

Electric Welding Co., Benedam Trees bldg, Pitsburgh, Pa.
Wallace Supplies Mfg. Co. 416 Orleans, Chicago, Ill.

Bar Drawing Machines

See Rod & Bar Drawing Machines

Bar Iron Cutting Machines

See Cutters, Iron, Bar & Rod

7728— Bar Pointing Machines

Brightman Mfg. Co., Columbus, O.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

7729—Bar Twisting Machines

(For Concrete Reinforcing Bars)

Lewis Foundry & Machine Co., Pittsburgh, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. Works: Homestead, Pa.
See adv index at end of book
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.

7730—Bark Cutting Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Turner Tanning Machinery Co. ("Turner" for Tanneries), Peabody, Mass.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

7731— Barley Machinery

BARTLETT C. O. & SNOW CO. (Pearled), French, Cleveland, O.
See adv index at end of book
Howes S. Co. ("Eureka" Cleaners, Graders, Scourers, Polishers & Clippers), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, Clippers), Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

7731a—*Barley Pearling Machinery

BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book

7732—Barrel Hoop Driving Machines

Hydraulic Press Mfg. Co., Mt. Gilead, O.
Naughton & Weimar, 1900 E Westmoreland, Philadelphia, Pa.
Oram John S. Co. ("Oram's"), 1316 E 53d, Cleveland, Ohio
Strait H. N. Mfg. Co., Kansas City, Kansas

Barrel Hoop Machinery

See Hoop Machinery

7733—Barrel, Keg, Stave & Heading Machinery

See Also Specific Article Required

Acme Barrel Co., 2235 W Grand av, Chicago, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Bartlett A. F. & Co., Saginaw, Mich.
Benson A. M. & Co., Cleveland, O.
Chapman's T. M. Sons Co., Old Town, Me.
Clough & Witt Machine Co. (Slack Barrel & Keg only), 1740 Columbus rd, Cleveland, O.
Eureka Machine Co. (Coating Sprays, etc.), Cleveland, O.
Dix Chas. B., Glens Falls, N. Y.
Garlach Peter Co. (For Kegs, Pails, Tubs & Slack & Tight Barrels, Crockery Casks & Tobacco Hogsheads), 1712 Winter, Cleveland, O.
Garland M. Co. (Stave & Heading Only), Bay City, Mich.
Goodspeed Machine Co. (Cylinder Stave Saws for Pail, Keg, Barrel, Tub, etc), Winchendon, Mass.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Lenker F. K. & Co. (Nail Keg.), Millersburg, Pa.
Mitts & Merrill, Saginaw, Mich.
Oram Jno. S. Co., 1316 E 53d, Cleveland, O.
Perkins & Co. ("Columbia" Heading Machines, etc), Grand Rapids, Mich.
Reed L. M. (Stave, Crozier, Setting-Up Machines & Headers, etc), Cleveland, Ohio
Rochester Barrel Machine Works (Slack Barrel, etc), Rochester, N. Y.
Stamm Machine Works (Stave Rejointers, etc), Aurora, Ind.
Strait H. N. Mfg. Co., Kansas City, Kansas
Strange Chas. E., Taunton, Mass.
Trevor Mfg. Co. (Headings, Staves, etc), Lockport, N. Y.
Wheland Co. ("Standard" Stave Jointer for Slack Barrels; also Stave Bolt Equalizers, Stave Bolters, etc), Chattanooga, Tenn.

7734—Barrel Leveling Machines

Johnson T. Co. ("Champion"), 108 S La Salle, Chicago, Ill.
Oram Jno. S. Co., 1316 E 53d, Cleveland, O.

7735—Barrel Trussing Machines

Holmes E. & B. Machinery Co. (Upright Double End), Buffalo, N. Y.
Oram John S. Co., 1316 E 53d, Cleveland, O.

7736—Barrel Washing Machines

See also Keg Scrubbing Machines

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York
Baer A. S. & Son ("Baer," Automatic, Imported), 106 Wall, New York
Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
Naughton & Weiner, 1900 E Westmoreland, Phila., Pa.
Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Zoller Chas. Co., 211 E 94th, New York
Zunner Machine Co., Rochester, N. Y.

7737— Basket Machinery

Horton Machine Works, Elmira, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Parsons Specialty & Machine Works (Fruit & Berry), 2427 No. 4th, Phila., Pa.
St. Joseph Iron Works (Also Package), St. Joseph, Mich.
Saranac Machine Co., Benton Harbor, Mich.
Titus E. E. (Automatic Power Quart Basket Stapling Machine), Petersburg, Va.

Beading Machines

See Crimping & Beading Machines

7738—Beading Machines (Eave Trough, Cornice, Etc.)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

7739—Beam Coping Machines

Hilles & Jones Co. E., Wilmington, Del.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Wickes Bros., Saginaw, Mich.

7740—Beam Straightening Machines

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book

7741-2—Beef & Bacon Slicing Machines

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

7743—Beet Sugar Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Tool & Machine Co. ("Weston" Centrifugals, Centrifugal Sprayers & Dischargers), 10 High, Boston, Mass.
Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Chain Belt Co., Milwaukee, Wis.
Dyer Co., 2031 Euclid av, Cleveland, O.
Hyuraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Moline Plow Co. ("Moline"), Moline, Ill.
Stearns-Roger Mfg. Co., Denver, Colo.
Sugar Machinery Co., Higgins bldg, Los Angeles, Cal.

7743a—*Beet Sugar Conveying Machinery

JEFFREY MFG. CO., 961 No. Fourth, Columbus, O.
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

7744—Beet Washing & Slicing Machines

Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Stearns-Roger Mfg. Co., Denver, Colo.

7745— Beetle Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

7746—Belt Chopping Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7747—Belt Cutting Machines

Luther C. A. & Co., Pawtucket, R. I.

7748—Belt Finishing Machines

Newark Leather Machinery Co., Inc., 153 Frelinghuysen av, Newark, N. J.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7749—Belt Folding Machines

Birmingham Iron Foundry, Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.

7750—Belt Maker's Machinery

Birmingham Iron Foundry (For Rubber Belting, etc.), Derby, Conn.
Dennis Jno. Machine Co., Lowell, Mass.
Hercules Belt Lace Mfg. Co., 6725-6731 Clyde av, Chicago, Ill.
Manufacturers Belt Hook Co., 1321 W Congress, Chicago, Ill.
Newark Leather Machinery Co., Inc., (Belt Eye Trimming), 153 Frelinghuysen av, Newark, N. J.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7751—Belt Sanding Machines

Curtis Machine Corp. ("Lucas" Panel, "Moore," "Jansen"), Jamestown, N. Y.
Driver C. H. & Kerr Co., 1320 16th, Racine, Wis.
Mattison C. Machine Works, Rockford, Ill.
Redin, Eckerstrom & Co., Rockford, Ill.
Schimmel, Reid & Co. ("Simplex"), Faribault, Minn.
Wysong & Miles Co., Greensboro, N. C.
Yates P. B. Machine Co., Beloit, Wis.

7752—Belt Scarfing Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7753—Belt Stitching Machinery

Singer Sewing Machine Co., 149 B'way, New York

7754—Belt Strapping Machines

Diamond Machine Co. ("Diamond"), Providence, R. I.

7755—Belt Stretching Machines

Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7756—Belt Stretching & Testing Machines (Combined)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

7757—Belt Stripping Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7758— Bending Machines

Bethlehem Steel Co., South Bethlehem, Pa.
BLISS E. W. Co., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Buffalo Forge Co. (Metal), 490 B'way, Bpffalo, N. Y.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Clevetland, O.
Dries & Krump Mfg. Co., 2901 S Halsted, Chicago, Ill. *See adv index at end of book*
Excelsior Tool & Machine Co. (Angle, Iron, Circular), 32d & Ridge, E. St. Louis, Ill.
Galland-Henning Mfg. Co. (Beam & Angle & Hydraulic), Railway Exchange bldg, Milwaukee, Wis.
Garrison Brass & Machine Works, 107 W 13th, New York
Hilles & Jones Co., E Wilmington, Del.
See adv index at end of book
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Long & Allstatter Co. (Horizontal, etc., Double Steam, Motor & Belt Driven), Hamilton, O.
Niles-Bement-Pond Co. 111 Broadway, New York
Robinson J. M. Mfg. Co. (¼-inch Plates & Lighter, 3282 Spring Grove av, Cincinnati, O.
Southwark Foundry & Machine Co. (Beam & Angle, Hydraulic), 1128 S 4th, Phila., Pa.
Wells Frank L. Co. (For Brass & Iron Tubing), Kenosha, Wis.
Wickes Bros. (Plate & Angle, etc.), Saginaw, Mich.
Williams, White & Co., Moline, Ill.

Bending Machines (Concrete Reinforcing Bar)

See Benders, Reinforcing Bar

7759—Bending Machines (Hydraulic)

Chambersburg Engineering Co. (For Angles), Chambersburg, Pa.
Galland-Henning Mfg. Co. (Beam & Angle), 97 Wisconsin, Milwaukee, Wis.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*
Niles-Bement-Pond Co., 111 Broadway, New York
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Or Bulldozer), 400 Chestnut, Phila., Pa.

7760—Bending Machines (Splice)

Cleveland Frog & Crossing Co. (For Offsetting Splices), 6917 Bessemer av, Cleveland, O.

7761—Bending Machines (Tube)

Buffalo Forge Co. ("Automatic"), 490 B'way, Buffalo, N. Y.
Cox J. Fillmore Engng. & Tube Bending Machine Wks. (& Pipe), Bayonne, N. J.
Galland-Henning Mfg. Co., Railway Exchange bldg, Milwaukee, Wis.
Pipe Machinery Co. (Pipe), 930 E 70th, Cleveland, O.
Simmons Co., Kenosha, Wis.
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Bending Machines (Wood)

See Wood Bending Machines

Bending & Forming Machines

See Forming & Bending Machines

7762— Berry Box Machinery

Titus E. E., Petersburg, Va.

7763-4—Bevel Gear Tempering Machines

GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book

7765—Bevel Sawing Machines

Connell & Dengler Machine Co., Rochester, N. Y.

7766— Beveling Machines

Hilles & Jones Co. (Angle, Channel & Z Bar), E. Wilmington, Del.
See adv index at end of book

BEVELING MACHINES—continued
Royle Jno. & Sons (Inc.) (Photo Engravers'), Paterson, N. J.
Sheridan T. W. & C. B. Co. (Bookbinders, etc), 434 Broadway, New York
Southwark Foundry & Machine Co. (Shearing), 1128 S 4th, Phila., Pa.

7767—Bias Fabric Strip Machinery
Adams A. L., Bridgeport, Conn.

7768— *Bicycle Machinery
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7769— Bifurcating Machines
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7770-1—Billet Piercing Machines
Standard Engineering Co., Ellwood City, Pa.

Billing Machines
See Typewriters, Adding & Billing

7772—Binders' Board Machines
Noble & Wood Machine Co., Hoosick Falls, N. Y.

7773— Blanching Machines
Huntley Mfg. Co. ("Monitor" for All Fruits, Vegetables, Oysters, etc., Silver Creek, N. Y.
Premier Machinery Co., Oakland, Cal.

7774—Blast Furnace Machinery
See also Rolling Mill Machinery
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*
Weimer Machine Works Co., Lebanon, Pa.
Youngstown Engineering Co., Youngstown, Ohio

7775—Blast Hole Drilling Machines
American Well Works The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Armstrong Mfg. Co., Waterloo, Ia.
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Sanderson-Cyclone Drill Co., Orrville, O.

7776-7— Blasting Machines
Atlas Powder Co., Wilmington, Del.
Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Giant Powder Co., Cons., San Francisco, Cal.
Hercules Powder Co. ("Hercules" & "Hercules Midget"), Wilmington, Del.

7778— Blending Machines
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co. 216-224 B'way, New York *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Gump B. F. & Co., 431 S Clinton, Chicago, Ill.
Huntley Mfg. Co. ("Monitor" for Coffee), Silver Creek, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Wolf Co., Chambersburg, Pa.

7779—Blind Slat Crimping Machines
Hall & Brown Woodworking Machine Co. (Blind Slat Tenoning & Boring Machines, etc.), 1929-33 N. B'way, St. Louis, Mo.

7780—Blind Slat Sawing Machines
American Woodworking Machinery Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.

7781—Blind Wiring Machines
American Woodworking Machinery Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Smith H. B. Machine Co., Smithville, N. J.

Blue Printing Machines
For Classification number see Index of Contents

7782—Boat Unloading Machinery
Hudson Machinery Co., Passaic, N. J.
LINK-BELT COMPANY, (For Unloading Coal, etc.), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

Bobbin Machinery
See Spool & Bobbin Machinery

7783—Boiler Cap Reseating Machines
Lagonda Mfg. Co., Springfield, O.

7784—Boiler Flue Safe Ending Machines
Federal Electric Welder Co., Warren, O.

Boiler Head Flanging Machines
See Flanging Machines

7785—Bolt Cutting Machines
Acme Machienry Co., 4533 St. Clair av, Cleveland, O.
Brown H. B. Co. ("Merriman"), East Hampton, Conn.
Foote-Burt Co. ("Reliance"), 4101 St. Clair av, Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Mummert, Dixon Co. ("Plurality" Die Bolt), Hanover, Pa.
National Machinery Co., Tiffin, O.
Pratt & Whitney Co. (Turret), Hartford, Conn.
Universal Machine Co. ("Standard," Single & Double Head), Bowling Green, O.
Webster & Perks Tool Co., Springfield, O.
Williams Tool Co., Erie, Pa.

7786—Bolt Forging Machines
Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
Pawtucket Mfg. Co. (Hexagon & Square Head), Pawtucket, R. I.

7787—Bolt Head Trimming Machines
Manville E. J. Machine Co. (Automatic), Waterbury, Conn.
Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.

7788—Bolt Heading Machines
Acme Machienry Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co. (Automatic Feed), 3830 Lakeside av, Cleveland, O.
Brown H. B. Co., East Hampton, Conn.
Cook Asa S. Co. (For Stove & Tire Bolts, etc), Hartford, Conn.
Howard Iron Works ("Burdict" for Hex. Square & Carriage Bolts), Buffalo, N. Y.
Manville E. J. Machine Co. (For Cold Bolt Making), Waterbury, Conn.
National Machinery Co., Tiffin, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Noyes B. B. Co. ("Noyes"), Greenfield, Mass.

7789—Bolt Pointing Machines
Acme Machienry Co., 4533 St. Clair av, Cleveland, O.
Brown H. B. Co., East Hampton, Conn.
Howard Iron Works, Buffalo, N. Y.
Landis Machine Co. ("Landis"), Waynesboro, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Webster & Perks Tool Co., Springfield, O.

Bolt Tapping Machines
See Nut Tapping Machines

7790-1—Bolt Threading Machines
Alton International Industries, 118 Wil- Cleveland, O.
Brown H. B. Co. ("Merriman Automatic & Non-Automatic, Single or Double Spindle), East Hampton, Conn.
Cook Asa S. Co. (For Cap Screws; also for Stove & Tire Bolts, etc), Hartford, Conn.
Foote-Burt Co. ("Reliance"), 4101 St. Clair av, Cleveland, O.
GREENFIELD TAP & DIE CORP'N, ("G. T. D." For Hand & Power, also Automatic Die Head Bolt Threaders), Greenfield, Mass. *See adv index at end of book*
Landis Machine Co., Waynesboro, Pa.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Saunders D. Sons, Yonkers, N. Y.
Standard Engineering Co., Ellwood City, Pa.
Universal Machine Co., Bowling Green, O.
Webster & Perks Tool Co., Springfield, O.

7792—Bolt Upsetting Machines
Acme Machienry Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.

7793— Bolt & Nut Machinery
Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
Brown H. B. Co., East Hampton, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D." Threading Machines), Greenfield, Mass. *See adv index at end of book*
Howard Iron Works, Buffalo, N. Y.
Landis Machine Co., Waynesboro, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Williams, White & Co., Moline, Ill.

7794—Bolt & Nut Threading Machines
GREENFIELD TAP & DIE CORP. ("G T. D.") Greenfield, Mass. *See adv index at end of book*
Heltzel Steel Form & Iron Co. The, Warren, O.
Landis Machine Co., Waynesboro, Pa.
Moon Mach. Co., Muncie, Ind.

7795— Bolting Machines
Abbe Paul O., 924 Johnston bldg, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Beach-Russ Co., 50G Church, New York *See adv index at end of book*
Great Western Mfg. Co. (For Flour & Corn Mills), Leavenworth, Kansas
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Nordyke & Marmon Co. (For Flour, Meal & Special Products), Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Ross Charles & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

7796—Bolting Saw Machines
Defiance Machine Works, Defiance, O.
Gerlach Peter Co. (Hand & Power Feed), 1712 Winter, Cleveland, O.
Ober Mfg. Co., Chagrin Falls, O.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.

7797—Bone Washing Machines
Allbright-Nell Co. (For Packing Houses, etc.), 5315 Western av, Chicago, Ill.

7798—Book Backing Machines
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Latham Machinery Co. ("Sanborn"), 1153 Fulton, Chicago, Ill.

7799—Book Binders' Cloth Cutting Machines
Smyth Mfg. Co., Hartford, Conn.

7800—Book Binders' Machinery
Anderson C. F. & Co., 710 S Clark, Chicago, Ill.
Blackhall Mfg. Co., 196 Seneca, Buffalo, N. Y.
Brown R. H. & Co., New Haven, Conn.
Burton A. G. Son ("Peerless"), 118 S Clinton, Chicago, Ill.
Crawley Book Machinery Co., Newport, Ky.
Dexter Folder Co., 200 5th av, New York
Fuller E. C. Co., 28 Reade, New York
Goat Fred Co. (Rounding & Backing Machines), 10 Reade, New York
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.
Jacques Jno. & Son, Worcester, Mass.
Lange Henry G., 162 N May, Chicago, Ill.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
McBee Binder Co., Athens, Ohio
Marresford Wm. F. (Pasting), 56 Pearl, Brooklyn, N. Y.
Marshall Son & Co., 226 Purchase, Boston, Mass.
Robinson Jno. T. Co., Hyde Park, Mass.
Rosback F. P. Co., Benton Harbor, Mich.
Seybold Machine Co. (Compressors & Standing Presses), Dayton, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Sigourney Tool Co., Hartford, Conn.
Smyth Mfg. Co., Hartford, Conn.
Standard Machinery Co., Mystic, Conn.
Ziegler Rob't & Sons, St. Louis, Mo.

7801—Book Casing-in Machines
Smyth Mfg. Co., Hartford, Conn.

7802—Book Covering Machines
Sheridan T. W. & C. B. Co., 434 B'way, New York

7803—Book Gathering Machines
Gullberg & Smith, 187 Lafayette, New York

7804—Book Gluing Machines

Smyth Mfg. Co., Hartford, Conn.
Westervelt J. W. & Co., 198 William, New York

7805—Book Indexing Machines

Latham Machinery Co., 1153 Fulton, Chicago, Ill.

7805a— Bookkeeping Machines

Burroughs Adding Mach. Co., 2d & Burroughs av, Detroit, Mich.
Elliott Fisher Co., Harrisburg, Pa.
Felt & Tarrant Mfg. Co., 1717 N Paulina, Chicago, Ill.

7806—Book Sawing Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.

7807—Book Sewing Machines

Sigourney Tool Co., Hartford, Conn.
Smyth Mfg. Co., Hartford, Conn.

Book Stitching Machinery

See Wire Stitching Machines

7808—Book Trimming Machines

Rowe James (Automatic), 1058 W Harrison, Chicago, Ill.
Smyth Mfg. Co., Hartford, Conn.

Boot Machinery

See Shoe Machinery

7809—Boring, Drilling, Tapping & Milling Machines

Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Cleveland Machine Tool Co., Cleveland, Ohio

7810—Boring, Drilling & Milling Machines (Combined)

American Woodworking Machinery Co., Rochester, N. Y.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Blomquist-Eck Machine Co., 1146 E 152nd, Cleveland, O.
Cleveland Machine Tool Co., Cleveland, O.
Landis Tool Co., Waynesboro, Pa.
Lucas Machine Tool Co., 542 E 99th, Cleveland, O.
Newton Machine Tool Works (Portable or Stationary), 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
PAWLING & HAMISCHFEEGER, CO., Milwaukee, Wis. *See adv index at end of book*
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.
Universal Boring Machine Co., Hudson, Mass.

7811—Boring, Drilling & Tapping Machines (Combined)

Hoefer Mfg. Co., Freeport, Ill.
Landis Tool Co., Waynesboro, Pa.
Rockford Drilling Machine Co. ("Rockford" Horizonthal), Rockford, Ill.
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.
Western Machine Tool Works, Holland, Mich.

Boring Machines

See Metal Boring Machines; also Wood Boring Machines; also Pneumatic Boring Machines

7812—Boring Machines (Barrel)

Strait H. N. Mfg. Co. (For Boring Holes in Barrels), Kansas City, Kans.

7813—Boring Machines (Bracket)

Coates Clipper Mfg. Co. ("Coates"), Worcester, Mass.

7814—Boring Machines (Car Box)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Pittsburgh Machine Tool Co., Braddock, Pa.
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.

7815—Boring Machines (Car Wheel)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book
Manning Maxwell & Moore, Inc., Putnam Machine Works, Fitchburg, Mass.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

7816—Boring Machines (Condenser Head)

Beaman & Smith Co., Providence, R. I.

7817—Boring Machines (Crank)

Niles-Bement-Pond Co., 111 B'way, New York

7818—Boring Machines (Cylinder)

Automatic Machine Co. (Four Spindle Boring & Surfacing, etc.), Bridgeport, Conn.
Baker Bros. (1, 2, 4 & 6 Spindle), Toledo, O.
Barrett Machine Tool Co., ("Barrett"), Meadville, Pa.
Beaman & Smith Co., Providence, R. I.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Hoefer Mfg. Co., Freeport, Ill.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Mathews Hugh (Portable Re-Boring Bars), Kansas City, Mo.
Moline Tool Co., Moline, Ill.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.
Stowe Flexible Shaft Co. (Portable), 26th & Callowhill, Phila., Pa.
Underwood H. B. Corp. (Portable), 1025 Hamilton, Phila., Pa.

7819—Boring Machines (Cylinder & Valve Chamber)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7820—Boring Machines for Electric Wiring

Henderson Electric Co. (Joist), Charlottesville, Va.

7821—Boring Machines (Hand)

Hardware Specialty Mfg. Co. ("Boss" Two-Speed), Anderson, Ind.
Millers Falls Co., 28 Warren, New York
Snell Mfg. Co. ("Snell," Angular & Upright), Fiskdale, Mass.
Swan Jas. Co. (Wood Frame for Wood), Seymour, Conn.

7821a—Boring Machines (Horizontal & Vertical)

Root B. M. Co., York, Pa.
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.

7822—Boring Machines (Hub)

Abbott & Co. ("Little Giant"), Hudson, Mich.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Defiance Machine Works, Defiance, O.
Kane & Roach, Syracuse, N. Y.
Smith Philip Mfg. Co., Sidney, O.
Vulcan Iron Works Co., Mason City, Ia.

7823—Boring Machines (Locomotive Connecting Rod)

Baker Bros., Toledo, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7824—Boring Machines (Metal)

See also Boring & Turning Machines; also Boring & Drilling Machines, Horizontal

Baker Bros., Toledo, O.
Barrett Machine Tool Co. ("Barrett" Cylinder), Meadville, Pa.
Baush Machine Tool Co., Springfield, Mass.
Beaman & Smith Co., Providence, R. I.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Pa.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Termaat & Monahan Mfg. Co. (Horizontal), Oshkosh, Wis.
Warner & Syasey Co., 5809 Carnegie av, Cleveland, O.

7825—Boring Machines (Metal, Horizontal)

Niles-Bement-Pond Co., 111 B'way, New York

Boring Machines (Metal, Vertical)

See Boring & Drilling Machines, Horizontal

7826—Boring Machines (Mower & Reaper Frame)

Beaman & Smith Co., Providence, R. I.

7827—Boring Machines (Portable)

Alliance Supply Mfg. Co., Alliance, Ohio
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Oil Well Supply Co. (Oil Well), 215 Water, Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Stow Mfg. Co. Inc., Binghamton, N. Y.
See adv index at end of book
Stowe Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

7828—Boring Machines (Rod)

Newton Machine Tool Works ("Duplex"), 23d & Vine, Philadelphia, Pa.

7829-30—Boring Machines (Shaft)

Pratt & Whitney Co., Hartford, Conn.

Boring Machines (Wood)

See Wood Boring Machines
Also Wood Boring Machines, Multiple

Boring Machines (Wood Pipe)

See Wood Pipe Boring Machines

7831—Boring & Chucking Machines (Vertical)

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Turner Machine Co. ("Turner-Turret" Drills, Reams, Taps & Bores), Danbury, Conn.

7832—Boring & Drilling Machines (Horizontal)

See also Metal Boring Machines

Barnes W. F. & John Co., Rockford, Ill.
Beaman & Smith Co., Providence, R. I.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book
Cleveland Machine Tool Co. (& Miling), Cleveland, O.
Espen Lucas Mach. Wks., Girard av, Phila., Pa.
Gisholt Machine Co., Madison, Wis.
Hoefer Mfg. Co. (Also Horizontal & Vertical Combined 60 Inch Swing, 4 to 4½ Inch Bar), Freeport, Ill.
Landis Tool Co., Waynesboro, Pa.
Lucas Machine Tool Co., 524 E 9th, Cleveland, O.
Mitts & Merrill, 1939 So Water, Saginaw, Mich.
Moline Tool Co., Moline, Ill.
Morris Mach. Tool Co., Court & Harriet, Cincinnati, O.
Newton Machine Tool Works, 23d & Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Pawling & Harnischfeger Co., Milwaukee, Wis.
See adv index at end of book
Rockford Drilling Machine Co., Rockford, Ill.
Ryerson Jos. T. & Son, 910 Corn Exchange bldg & 16th & Rockwell, Chicago, Ill.
See adv index at end of book
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Simmons Machine Co. (Inc.), 987 B'way, Albany, N. Y.
Warner & Swasey Co., 5809 Carnegie av, Cleveland, O.

7833—Boring & Milling Machines (Horizontal)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book
Landis Tool Co., Waynesboro, Pa.
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Universal Boring Machine Co., Hudson, Mass.

7834—Boring & Reaming Machines

Baker Bros. (Automatic), Toledo, O.

7835—Boring & Tapping Machines (Automatic)

Baker Bros., Toledo, O.
Dreses Machine Tool Co. (Boring, Facing & Tapping), Cincinnati, O.

7836—Boring & Turning Machines

Amalgamated Machinery Corp'n, 72 W Adams, Chicago, Ill.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book
Bullard Machine Tool Co. ("Mult-Au-Matic"), Bridgeport, Conn.

BORING & TURNING MACHINES—cont.

Colburn Machine Tool Co. (Vertical, 30 to 72-in. Swing), Ivanhoe rd, Cleveland, Ohio

Gisholt Machine Co. (Vertical & Horizontal), Madison, Wis.

King Machine Tool Co. (Vertical, 42, 52, 62 & 72-inch Size), Clifton & B. & O. S. W. R. R., Cincinnati, O.

Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Mass.

Niles-Bement-Pond Co. (Sidehead), 111 B'way, New York

Rogers Machine Tool Co., Alfred, N. Y.

Seeger Machine Tool Co., 34 Forsyth, Atlanta, Ga.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Warner & Swasey Co., 5809 Carnegie av, Cleveland, O.

7837—Boring & Turning Machines (Vertical)

Baker Bros., Toledo, O.

Baush Machine Tool Co., Springfield, Mass.

Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book

Bickford H. & Co. ("Bickford"), Lakeport, N. H.

Bullard Machine Tool Co. ("Maxi-Mill"), Bridgeport, Conn.

CINCINNATI PLANER CO., 3120 South, Oakley, Cincinnati, Ohio

Colburn Mach. Tool Co. (36 to 72 inch Swing), 1024H Ivanhoe rd, Cleveland O.

Gisholt Machine Co. (30 to 84 inch), Madison, Wis.

King Machine Co. (42, 50, 60 & 72 inch Size), Clifton av & B. & O. S. W. R. R., Cincinnati, O.

Mitts & Merrill (Boring Only), Saginaw, Mich.

Niles-Bement-Pond Co., 111 B'way, New York

Rogers Machine Tool Co., Alfred, N. Y.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

7838—Bottle Blowing Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Husted-Hall Mould Works, Bridgeton, N. J.

Lynch Glass Machy. Co. ("No-Boy," "Lynch"), Anderson, Ind.

Owens Bottle Co. (Automatic), Toledo, O.

Teeple W. S., Wellsburg, W. Va.

United Bottle Mach'y Co. (For Narrow Mouth Bottles), 90 W B'way, New York

7839-40—Bottle Box Boring Machines

Chase Turbine Mfg. Co., Orange, Mass.

7841—Bottle Capping Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

Bottle Capping Mach. Co. (Electric), 949 B'way, New York

Columbia Machine & Stopper Corp., 414 W 38th, New York

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.

Davis-Watkins Dairymen's Mfg. o., North Chicago, Ill.

Ideal Mfg. Co., Kewanee, Ill.

Modern Machinery Co., Wilmington, Del.

Pacific Carbonator Co., 133 W 24th, New York

Premier Machinery Co., Oakland, Cal.

Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.

Rice & Adams (Milk), Buffalo, N. Y.

Service Commodities Mfg. Co., 442 N Wells, Chicago, Ill.

U. S. Bottlers' Machinery Co. ("U. S." Automatic, Rotary Spinning, Electric & Hydraulic, Hand, for Tin Foil, Cans), 2511 Park av, Chicago, Ill.

7842—Bottle Corking Machines

See also Bottle Capping Machines

Dicke Tool Co. (Bench & Upright), Downers Grove, Ill.

Ermold Edw. Co. ("Ermold," Automatic Steam), 656 Hudson, New York

Fiber Barrel Machine & Mfg. Co. (Fibre), 2516 Jane, Pittsburgh, Pa.

Modern Machinery Co., Wilmington, Del.

Premier Machinery Co., Oakland, Cal.

Standard Automatic Machine Co. (Filling, Corking & Labeling), Rochester, N. Y.

U. S. Bottlers' Machinery Co. ("Milwaukee," "U. S.," "New York" Automatic; "Daisy" Bench Hand), 2511 Park av, Chicago, Ill.

VILTER MFG. CO. (Power Corkers for Catsup, Pickles, Olives, etc.), 1046 Clinton, Milwaukee, Wis.
See adv index at end of book

7843—Bottle Filling Machines (Automatic)

Bishop & Babcock Co. ("Eureka" Counter Pressure Revolving), 1204 E 55th, Cleveland, O.

Buffalo Can & Bottle Filling Mach. Co., 61 Terrace, Buffalo, N. Y.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

Federal Brass Works ("Success"), 3100 S Kedzie, Chicago, Ill.

Fowler Bottling Machine Co. ("Universal"), 124 White, New York

Henes & Keller Co., Menominee, Mich.

Illinois Glass Co. ("Diamond I"), 402 W Randolph, Alton, Ill.

Kiefer Karl Machine Co., 919 Martin, Cincinnati, Ohio

Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.

McKenna Brass & Mfg. Co., 1st av & Ross, Pittsburgh, Pa.

Premier Machinery Co., Oakland, Cal.

Rice & Adams (Milk), Buffalo, N. Y.

Standard Automatic Machine Co. (Filling & Corking, Filling & Screw Capping), Rochester, N. Y.

U. S. Bottlers' Machinery Co. ("Perfection," "U. S.," Improved Louisville "Whitton" Hand), 2511 Park av, Chicago, Ill.

7844—Bottle Rinsing Machines

Premier Machinery Co., Oakland, Cal.

U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

Wenzell S. S. Machine Co. ("Eick" & "Ideal"), 50th & Parkside av, Phila., Pa.

7845—Bottle Sealing Machines

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.

Gutmann Ferdinand Co., 134 W 29th, New York

Modern Machinery Co., Wilmington, Del.

Premier Machinery Co., Oakland, Cal.

Standard Automatic Machine Co., Rochester, N. Y.

Star Seal Co., 30 Church, New York

Sterling Cork & Seal Co., Hawthorne, Toledo, Ohio

7846—Bottle Washing & Soaking Machines

Arrow Bottlers Machinery Co. (Rotary), 17 N La Salle, Chicago, Ill.

Bailey Engine Co., Lima, N. Y.

Barry-Wehmiller Machinery Co. ("National"), 4660 Florissant, St. Louis, Mo.

Gallagher Mfg. Co., Lynn, Mass.

Henes & Keller Co. (Revolving), Menominee, Mich.

Hoyt Bros. & Co., Lynn, Mass.

Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.

Loew Mfg. Co. ("Economic," "Hydropressure" & "Rotary Hydros" Soaker), 9100 Madison av N W, Cleveland, O.

Magnus A. Sons Co., 327 W. Randolph, Chicago, Ill.

Modern Machinery Co., Wilmington, Del.

Premier Machinery Co., Oakland, Cal.

Rice & Adams (Milk), Buffalo, N. Y.

20th Century Machinery Co., Nat'l Bank bldg, Milwaukee, Wis.

U. S. Bottlers' Machinery Co. ("U. S.," "Electrical"), 2511 Park av, Chicago, Ill.

Wenzell S. S. Machine Co. ("Eick" & "Ideal"), 50th & Parkside av, Phila., Pa.

York Milk Machinery Co. (Milk), York, Pa.

7847—Bottle Wiring Machines

Boston Bottle Wiring & Labeling Co., (Hand Wiring), 23 Wormwood, Boston, Mass.

7848—Bottlers' Machinery & Supplies

See also Brewers' & Malsters' Machinery & Supplies; also Pitching Machines

Aetna Bottle & Stopper Co. (Bottle Stoppers, etc), 54 Peck, Providence, R. I.

American Soda Fountain Co., 232 Congress, Boston, Mass.

Barry-Wehmiller Machinery Co., 4660 Florissant, St. Louis, Mo.

Bernardin Bottle Cap Co. (Metallic Bottle Caps, "Cyclone" Soda Neck Wires & Beer Stoppers), Evansville, Ind.

Bishop & Babcock Co. ("Eureka" Low Pressure Bottling Machines, etc), 1204 E 55th, Cleveland, O.

Blue Seal Supply Co., 12 Port, Boston, Mass.

Buddle & Westermann, 7th av & 29th, New York

Chain Belt Co., Milwaukee, Wis.

Columbia Machine & Stopper Corp. (Automatic Crowning Machines & Bottle Closures), 414 W 38th, New York

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.

Federal Brass Works, 3100 S Kedzie, Chicago, Ill.

Frankel Max Co. (Bottlers' Supplies, Corks, etc), 290 Pearl, New York

Henes & Keller Co. (Bottle Fillers, Air Regulators, etc), Menominee, Mich.

Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.

Ladewig & Stock Co. (Soaking Machines, Outside Bottle Scrubbers, Hydro Pneumatic Internal Washers, Bottle Solution. Conveyors, Combination Solution, Rinsers & Conveyors, Pasteurizers), Waukesha, Wis.

LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila Pa. *See adv index at end of book*

Magnus A. Sons Co., 327 W Randolph, Chicago, Ill.

Modern Machinery Co., Wilmington, Del.

Premier Machinery Co., Oakland, Cal.

U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

Wittemann Bros. (Specialties), 41 Ferris, Brooklyn, N. Y.

Zoller Chas. Co., 211 E 94th, New York

7849—Box Blocker Machines

Fischer Machine Works ("Fischer's" Double,) 1845 Carroll av, Chicago, Ill.

7850—Box Board Grooving Machines

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.

Morgan Machine Co., Rochester, N. Y.

Pollard C. A. Co., Newfields, N. H.

7851— Box Board Machines

Beloit Iron Works, Beloit, Wis.

Carver Cotton Gin Co., East Bridgewater, Mass.

Challoner Co., Oshkosh, Wis.

Gerlach Peter Co. ("Jumbo"), 1712 Winter, Cleveland, O.

Linderman Steel & Machine Co., Muskegon, Mich.

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

Murray D. J. Mfg. Co., Wausau, Wis.

Yates P. B. Machine Co., Beloit, Wis.

7852—Box Board Matching Machines

American Woodworking Machinery Co., Rochester, N. Y.

Chase Turbine Mfg. Co., Orange, Mass.

Connell & Dengler Machine Co., Rochester, N. Y.

Fischer Machine Works (Single & Double Color), 1845 Carroll av, Chicago, Ill.

Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.

Linderman Steel & Machine Co., Muskegon, Mich.

Luther B. G. Co., Worcester, Mass.

Morgan Machine Co., Rochester, N. Y.

National Woodworking Machine Co., Dover, N. H.

Stevens Machine Shops, Winooski, Vt.

Yates P. B. Machine Co., Beloit, Wis.

7853—Box Board Printing Machines

Boston Printing Press & Machinery Co. ("Prouty"), East Bridgewater, Mass.

Connell & Dengler Machine Co. (One, Two & Three Colors), Rochester, N. Y.

Cross Press & Sign Co., 1508 Dayton, Chicago, Ill.

Fischer Machine Works (Cross, Single & Double Color), 1845 Carroll av, Chicago, Ill.

Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.

Hooper F. X. Co. (Multi-Color), Glenarm, Md.

Morgan Machine Co. (One to Three Colors), Rochester, N. Y.

Premier Machinery Co., Oakland, Cal.

7854-5—Box Board Sawing & Finishing Machines

American Wood Working Machy. Co., Rochester, N. Y.

Badger State Machine Co., Janesville, Wis.

Hobbs Mfg. Co., Worcester, Mass.

Premier Machinery Co., Oakland, Cal.

Box Cleating Machines

See Box Nailing & Cleating Machines

7856—Box Hand Hole Cutting Machines

Chase Turbine Mfg. Co., Orange, Mass.

Fischer Machine Works (Automatic), 1845 Carroll av, Chicago, Ill.

7857— Box Handle Machines

Premier Machinery Co., Oakland, Cal.

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

7858—Box Hinging Machines

General Package Co., 99 Warren, New York

7859—Box Makers' Machinery

American Woodworking Machinery Co., Rochester, N. Y.

Burgess Machine Co. (Nailing, Trimming, etc), New Haven, Conn.

Chase Turbine Mfg. Co. (Crate), Orange, Mass.

Connell & Dengler Machine Co., Rochester, N. Y.

Cordesman Rechtin Co., Butler, Cincinnati, Ohio

Fay J. A. & Egan Co., Cincinnati, O.

Garland M. Co. (Box Board, etc), Bay City, Mich.

Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hemingway Machine Co. (Sizing, Saw, etc.), Lynn, Mass.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Linderman Steel & Machine Co., Muskegon, Mich.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Luther B. G. Co., Worcester, Mass.
Mereen-Johnson Mach. Co., 4400 Lydale av, Minneapolis, Minn.
Morgan Machine Co., Rochester, N. Y.
National Woodworking Machine Co., Dover, N. H.
Power L. & Co., 20 S 23rd, Phila, Pa.
Premier Machinery Co., Oakland, Cal.
St. Paul Machinery Mfg. Co. (Dovetail Box Machines), Como & Marion, St. Paul, Minn.
SINKER-DAVIS CO. ("Hoosier"), Indianapolis, Ind.
Smith, H. B. Machine Co., Smithville, N. J.
Strange, Chas. E., Taunton, Mass.
Wirebounds Corp. (Wire Bound), 1001 W Washington, Chicago, Ill.
Woods S. A. Mach. Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

7860—Box Nail Feeding Machines

Doig, Wm. S. (Est. of) (Automatic), 54 Franklin, Brooklyn, N. Y.
Premier Machinery Co., Oakland, Cal.

7861—Box Nailing & Cleating Machines

Burgess Machine Co. ("Ostrum"), 43-45 Chestnut, New Haven, Conn.
Doig Wm. S. (Est. of), (also Double Decker Nailing & Cleating), 54 Franklin, Brooklyn, N. Y.
Morgan Machine Co., Rochester, N. Y.
Parker, Geo. D. (Automatic), Riverside, Cal.
Premier Machinery Co., Oakland, Cal.
U. S. Bottlers' Machinery Co. ("U. S." Box Nailing), 2511 Park av, Chicago, Ill.

7862— Box Shook Machinery

See also Box Makers' Machinery

Chapman's T. M. Sons Co., Old Town, Maine.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Morgan Machine Co. (Shook Splicer), Rochester, N. Y.

7862a—Box Shook Tying Machinery

Gerrard Wire Tying Machines Co., Inc., 538 S Dearborn, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

Box Stapling Machines

See Wire Stapling Machinery

7863—Box Strapping Machines

American Castings & Mfg. Corp., 30 Main, Brooklyn, N. Y.
Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Doig, Wm. S. (Est. of) (Beer Box), 54 Franklin, Brooklyn, N. Y.
Gerrard Wire Tying Machine Co., Inc., 538 S Dearborn, Chicago, Ill.
Pakanship Co., Inc., 375 Fulton, Brooklyn, N. Y.
Premier Machinery Co., Oakland, Cal.
Signode System, Inc., 108 W Lake, Chicago, Ill.
Twisted Wire & Steel Co., 437 11th av, New York
Wire and Steel Products Co. Inc., 421 E 22nd, New York
See adv index at end of book

7864-5—Box Trimming Machines

Burgess Machine Co., New Haven, Conn.
Fischer Machine Works (Double Box Blocker), 1845 Carroll av, Chicago, Ill.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Morgan Machine Co., Rochester, N. Y.

7866— Brace Head Machines

Bradley, H. C. (For Wood Heads), Bridgeport, Conn.

7867— Braiding Machines

Eastwood, Benj. Co., Paterson, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Textile Machine Works, Reading, Pa.

7868—Braiding Machines (Packing)

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

7869—Branding Machines (Barrel)

Cleveland Brewers Supply Co. ("Waibel's" Rapid Brander), 1506 W 25th, Cleveland, O.
Eureka Machine Co., Cleveland, O.

7870—Brass Sawing Machines

Griswold Geo. M. Machine Co., New Haven, Conn.

7871—Brass & Copper Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th and Etna, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
ROCKWELL W. S. CO. (Complete Melting & Annealing Equipment; Oil, Coal or Gas Fuel), 50 Church, New York
See adv index at end of book
Torrington Mfg. Co., Torrington, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7872— Brazing Machines

Clayton & Lambert Mfg. Co. (Bicycle, Motorcycle & Automobile), 1370-80 Beaubien, Detroit, Mich.
Thomson Elec. Welding Co. ("Thomson" Elect for Jewelry Mfg.), Lynn, Mass.

7873—Brazing Machines (Band Saw)

Ambler Saw Mfg. Co., Natick, Mass.
American Woodworking Machinery Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Black Diamond Saw & Machine Works, Natick, Mass.
Filer & Stowell Co., Milwaukee, Wis.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.

7874—Bread Crumbing Machines

Goodell Co. ("Lee"), Antrim, N. H.

7875—Brewers' & Maltsters' Machinery & Supplies

See also Bottlers' Machinery & Supplies; also Ice & Refrigerating Machinery; also Elevating & Conveying Machinery; also Heaters, Feed Water
A. B. & B. Specialty Co., 3300 Fond du Lac av, Milwaukee, Wis.
American Machinery Co., 103 W Water, Milwaukee, Wis.
Aue Ferdinand Co., 401 E 91st, New York
Bishopric Products Co. (Inc.), ("Bishopric's Santa Mastic Pitch", Spring Grove & Este av, Cincinnati, O.
Brewing Appliance Specialty Co. ("Perfection" Tapping Devices), Hartford, Conn.
Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
Danner Adam Co. (Keg Sprinklers, Keg Conveyors, Power Shaving Washers), Yonkers, N. Y.
Deckebach F. C. Sons Co. (Cooling Apparatus, etc.), 123 W Court, Cincinnati, O.
Dundon's Iron Works, 225 Folsom, San Francisco, Cal.
Eureka Machine Co. (Pitch Spraying Apparatus, etc.), Cleveland, O.
Galland-Henning Mfg. Co., 97 Wisconsin, Milwaukee, Wis.
Girard Iron Works (Cask Rests, Vat Supporters, Hose Passers, etc.), 22d & Master, Phila, Pa.
Golden Gate Mfg. Co. ("Golden Gate" Lager Beer Valves & Racking Apparatus), 9 Desbrosses, New York
Hersey Mfg. Co. (Thermo-Pneumatic Malting Apparatus), 314 W 2d, S Boston, Mass.
Heyman N. H. (Brewers' Key-Scrubbing, Sprinkling Machines, etc), 438 E 59th, New York
Hirsch & Schofield (Brewers' Supplies), 76 Greenwich, New York.
Hoffman-Ahlers Co. (Brewery Kettles, False Bottom, Wash Tubs, Cookers, etc.), 828 E Pearl, Cincinnati, O.
Kaestner & Hecht Co. (Inc.) (Grain Removers, Mashing Machines, Pitching Machines, Malt Mills, etc), 500 Throop, Chicago, Ill.
Keller Robert ("Nonpariel" Stamp Paste & Isinglass, etc.), 334 N 3d, Phila., Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Laubenheimer Geo. E. Co. (Brew Kettles, Beer Coolers, etc.), 17 N La Salle, Chicago, Ill.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Loew Mfg. Co. ("Loco Magic" Purifier), 9100 Madison av N W, Cleveland, O.
Mark Mfg. Co., Evanston, Ill.
Milwaukee Brewers' Specialty Co. ("Milwaukee" Steaming Tray), 1919 St. Paul av, Milwaukee, Wis.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Olsen & Tilgner Mfg. Co. (Mash Machines, Non-Explosive Malt Mills, Keg & Barrel Scrubbers, Shaving Washers, Keg & Barrel Rinsers, etc), 2280 Elston av, Chicago, Ill.
Prinz & Rau Mfg. Co. (Barley Graders & Separators), 659 E Water, Milwaukee, Wis.
Rach Dr. Carl (Cookers, Presses, Caramelizers, etc.), 203 B'way, New York
Rauh Robert (Keg Washers), 310 Elizabeth av, Newark, N. J.
Roos' August Sons (Fire Kettles, Fold Bottoms, Beer Coolers, etc), 429 E 91st, New York
Saladin Pneumatic Malting Construction Co. (Pneumatic Malting Plants), 643 Wellington av, Chicago, Ill.
San Francisco Mill Furnishing Co. (Malt Rolls & Cleaners), 521 7th, San Francisco, Cal.
Schaefer E., 1320-22 N 5th, Philadelphia, Pa.
Seibel-Suessdorf Cooper & Iron Mfg Co. (Barrel Washers, Isinglass Mixers, Beer Coolers, etc), c 2d & Lombard, St. Louis, Mo.
Selg Brewery Apparatus Co. (Fermenters, Washing Apparatus, etc), 1322 No. 5th, Phila., Pa.
Stiefel Geo. Co. (Specialties), 4651 Gross av, Chicago, Ill.
Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.
Torchianai H., 140 N Dearborn, Chicago, Ill.
20th Century Machinery Co., 425 E Water, Milwaukee, Wis.
Wittemann Bros., 41 Ferris, Brooklyn, N. Y.
Zahm Mfg. Co., 79 E Jewett av, Buffalo, N. Y.
Zobler Otto Mfg. Co. (Kettles, Coolers, etc), 336 N Oakley blvd, Chicago, Ill.

7876— Briar Pipe Machinery

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

7877—Brick Cutting Machinery

Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co. (Rotary Automatic), Canton, Ohio
Brewer H. & Co. (Rotary Automatic), Tecumseh, Mich.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Fate-Root Heath Co. ("Bensing," Automatic), Plymouth, O.
Freese E. M. & Co., Galion, O.
Hadfield-Penfield Steel Co. (The) (Automatic), Bucyrus, Ohio
See adv index at end of book
International Clay Machinery Co., Dayton, Ohio
Marion Machine Foundry & Supply Co. ("Marion"), Marion, Ind.
Steele J. C. & Sons (Automatic), Statesville, N. C.
Wallace Mfg. Co. (Rotary Automatic, End Cutter, etc), Frankfort, Ind.

7878—Brick Machinery (Soft Mud)

Anderson Foundry & Machine Works, Anderson, Ind.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
International Clay Machinery Co., Dayton, Ohio
Union Engng. Co., Cuyahoga & W 4th, Cleveland, O.
Wellington Machine Co., Wellington, O.

7879—Brick Making Machinery

Carlin John H. Machine Co., Pittsburgh, Pa.
HADFIELD - PENFIELD STEEL CO. (THE), Bucyrus, O.
See adv index at end of book
Jackson & Church Co., Saginaw, Mich.
Leary W. J. Mfg. Co., 411 Rhode Island, Buffalo, N. Y.
Steele J. C. & Sons, R. R. Tracks, Statesville, N. C.

7880—Brick Mould Sanding Machines

Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*
Potts C. & A. & Co., Indianapolis, Ind.
Waldron Chas. ("Champion"), Haverstraw, N. Y.
Wellington Machine Co., Wellington, O.

7881— Brick Press Machines

Anderson Foundry & Machine Wks., ("Berg"), Anderson, Ind.
Arnold-Creager Co. (Re-press), New London, O.
Bonnot Co. (Stiff), Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Buckeye Engine & Foundry Co., Joliet, Ill.
Carnell Geo. (Est. of) (Fire & Red), 1819 N 5th, Phila., Pa.
Chambers Bros. Co. (Re-pressed, etc), 52d, below Lancaster av, Phila., Pa.
Chicago Brick Machinery Co. ("Elwood"), 20 W Jackson blvd, Chicago, Ill.

BRICK PRESS MACHINES—continued

Chisholm, Boyd & White Co. ("Boyd," Dry Press), 57th & Wallace, Chicago, Ill.
Clearfield Machine Shops. (Fire Brick), Clearfield, Pa.
Eastern Machinery Co. ("New Haven"), New Haven, Conn.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Freese E. M. & Co., Galion, O.
Helm Brick Machine Co. ("Helm" Brick & Block Machines), Cadillac, Mich.
Industrial Supply Co. ("Andrus" Dry), Keokuk, Iowa
International Clay Machinery Co., Dayton, O.
Mueller Machine Co. (Hilmar Mueller, Prop.), Trenton, N. J.
Punxsutawney Foundry & Machine Co. (For Fire Brick), Punxsutawney, Pa.
Reliance Mach. & Tool Works, Channing & Franklin av, St. Louis, Mo.
Simpson Bros. (Fire Brick), Portsmouth, Ohio
Stearns Co. (Sand Lime & Clay), Erie, Pa.
Steele J. C. & Sons, (Represses), Statesville, N. C.
United Iron Works, Inc., Kansas City, Mo.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.
Wenger Geo. Machinery & Supplies Mfg. Co. (Dry Press, Stiff Mud, etc), St. Louis, Mo.
Wiles A. M. & W. H. Co., Grassy Point, N. Y.

Brick Press Machines (Sand Lime)

See Sand Lime-Brick Machines

Brick Sanding Machines

See Brick Mould Sanding Machines

7882—Brick Setting Machinery

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

7883—Brick Sizing Machines

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

7884—Bridge Machinery for Bascule Bridges

Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.

Bridge Operating Machinery

See Draw Bridge Machinery

7885—Briquetting Machinery

Chicago Baling Press Mfg. Co. (Presses), 305 S La Salle, Chicago, Ill.
Chisholm, Boyd & White Co., 57th & Wallace, Chicago, Ill.
Elmes Chas. F. Engineering Works (Presses), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
FERNHOLTZ MACHY. CO. (For Fuel Briquette, 2053 E 38th, Los Angeles, Calif. *See adv index at end of book*
General Briquetting Co. (Coal), 25 Broad, New York
Hadfield-Penfield Steel Co. (The) (Ore and Flue Dust), Bucyrus, O. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.
Malcolmson Briquet Engineering Co. (Coal), Old Colony bldg, Chicago, Ill.
Mashek Engineering Co. (Coal, etc), 90 West, New York
Morgan Engineering Co. (Coal), Alliance, O.
Olsen Tinius Testing Machine Co. (Moulding Machines), 500 N 12th, Phila., Pa.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia Pa.
Stokes F. J. Machine Co. (Presses & Compressors), 17th & Cambria, Phila., Pa.
Traylor Engineering & Mfg. Co. (Coal, etc.), Allentown, Pa. *See adv index at end of book*

7886— Broaching Machines

Burr John T. & Son, 429 Kent av, Bklyn, N. Y.
Lapointe J. N. Co., New London, Conn.
Lapointe Machine Tool Co. (& Tools), Hudson, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia Pa.
VELCO MFG. COMPANY INC. ("Broachwell" "Velco"), 305 Wells, Greenfield, Mass. *See adv index at end of book*

7887—Bronze Powder Machines

Muench Geo., Stamford, Conn.

7888— Bronzing Machines

Fuchs & Lang Mfg. Co., 119 W 40th, N. Y.
Mayer Robt. & Co., 461 8th av, New York
United Printing Machinery Co., 100 Sumner, Boston, Mass.

7889—Broom Handle Machinery

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Kline Lewis T., Alpena, Mich.
Ober Mfg. Co., Chagrin Falls, O.

7890— Broom Machinery

See also Sewing Machines, Broom

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.
Chicago Ferrule & Nut Co. (Supplies), 880 Lill av, Chicago, Ill.
Des Moines Broom Co. (Trimming Machines), Des Moines, Ia.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Liebig Wm. & Co., 96 Leland, Detroit, Mich.
Modern Broom Machy. Co., Dept. H, Davenport, Ia.
Walrath Alphonse Co., Fort Plain, N. Y.

7891—Brush Machinery & Tools

Duffy John J., Waterford, N. Y.
Liebig Wm. & Co., 96 Leland, Detroit, Mich.
Pickering Mfg. Co., 228 S 4th, Phila., Pa.

7892-3— Buckle Machinery

Baird Machine Co. (Wire, Automatic), Bridgeport, Conn.
Home Light Co. of America ("Holico Inc" for Signs), 1955 Park av, New York
Manville E. J. Machine Co., Waterbury, Conn.
Nilsen A. H. Machine Co. (Automatic), Bridgeport, Conn.
Special Machinery Co. (Automatic Buckle Wire), Bridgeport, Conn.

7894—Buckwheat Machinery

Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Howes S. Co. (Polishers, Hullers & Cleaners), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Polishers, Hullers, Cleaners), Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Wolf Co. (Shucking Machines, etc.), Chambersburg, Pa.

7895—Buffing Machines (Enameled Brick)

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

7896—Buffing Machines (Shoe)

Donnelly Machine Co. ("Gilmore"), Brockton, Mass.
Naumkeag Buffing Machine Co., Beverly, Mass.

Buffing & Polishing Machines

See Lathes, Buffing & Polishing

Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

7897—Bulldozer or Bending Machines

See also Forging Machines

Ajax Mfg. Co., 3930 Lakeside av, Cleveland, O.
Elmes Chas. F. Engineering Works, Cor. Fulton and Sangamon, Chicago, Ill. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
LOURIE MFG. CO., THE, Springfield, Ill. *See adv index at end of book*
Rock River Machine Co. ("Badger" Bulldozers), Janesville, Wis.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
WATSON-STILLMAN CO. (Hydraulic Bulldozer), 38 Church, New York *See adv index at end of book*
Williams, White & Co., Moline, Ill.

7898— Bundling Machines

Master Machines Corp., 112H W 40th, New York
Pakanship Co., Inc., 375 Fulton, Brooklyn, N. Y.
Standard Wiring Machine Co., 363 Flushing av, Brooklyn, N. Y.

7899-900—Bung Boring Machines

See also Borers, Bung Hole

Holmes E. & B. Machinery Co. ("Holmes" Boring & Bush Setting), Buffalo, N. Y.
Oram John S. Co., 1316 E. 53d, Cleveland, O.

Bung Branding Machines

See Branding Machines, Barrel

7901— Burnishing Machines

See also Polishing Machines
ABBOTT BALL CO., ("Abbott"), Elmwood Station, Hartford, Conn. *See adv index at end of book*
American Laundry Machinery Co. (Silverware), Cincinnati, O.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Baird Machine Co., Bridgeport, Conn.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.
Smith, Richardson Co. ("Imperial"), Attleboro, Mass.
Tahara Co. ("Tahara" Silver), Glenwood & N. Amer., Phila., Pa.

7902— Bushing Machines

Pottstown Machine Co. (Automatic, for Bushings & Plugs), Pottstown, Pa.
Southwark Foundry & Machine Co. (Hydraulic), 1128 S 4th, Philadelphia, Pa.

7903—Butchers' Machinery & Supplies

See also Specific Article Desired

Adt John B. Co. (Fat Cutting Devices), 340 No Holliday, Baltimore, Md.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Family Cleaners), Fremont, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Daemicke Paul J. Co., 321 W South Water, Chicago, Ill.
Farwell Ozmun Kirk & Co., St. Paul, Minn.
Fay J. A. & Egan Co., Cincinnati, O.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
Northey Mfg. Co., Waterloo, Ia.
O'Brien Jas. H. Scale & Supply Co., 313 Ellery, Brooklyn, N. Y.
Ottenheimer Bros. (Jobbers), 415H N Howard, Baltimore, Md.
Probeck P. J. Co., 2339 E 4th, Cleveland, O.
Schmidt C. Co., Livingston & John, Cincinnati, O.
Schwenger-Klein Co., 515 Woodland av, Cleveland, O.
Silver Mfg. Co. (& Supplies, Lard Presses & Ham Pumps, "Wagner" Sausage Stuffers, etc), 256 Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Smith's John E. Sons Co. (Meat Choppers, Steam Kettles, Lard Mixers, etc.), Buffalo, N. Y.
Stevens Benj. A. Co., Toledo, O.
U. S. Sanitary Effluents Separating Apparatus (Grease Separators for Meat Packers), 35 Nassau, New York
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

7904—Butchers' Saw Punching Machines

Nichols Bros. (Saw Punchers), Greenfield, Mass.

7905-6—Butchers' Skewer Machinery

Fay J. A. & Egan Co., Cincinnati, O.
Smith H. B. Machine Co., Smithville, N. J.

7907—Butter Dish Machinery

Defiance Machine Works, Defiance, O.
Saranac Machine Co. (Automatic & Stapling Machinery), Benton Harbor, Mich.
Titus E. E., Petersburg, Va.

7908—Butter Printing & Cutting Machines

American Butter Cutting Machine Co. ("Stewart"), Elmsford, N. Y.
Burrell D. H. & Co., Dept. H, Little Falls, N. Y.
Butter Serving Machine Co., Inc. (Butter Cutter & Server), 89 Allen, Rochester, N. Y.
Cleveland Faucet Co. ("Elgin" Butter Cutter), 1205 E. 55th, Cleveland, O.
Glidden Mfg. Co. (Automatic Individual Butter Cutter), Beverly, Mass.
Peters Machinery Co., 209 S La Salle, Chicago, Ill.

Butter Tub Machinery

See Tub & Pail Machinery

7909— Button Machinery

Barry Co., Muscatine, Ia.
Cruver Mfg. Co., 2460 Jackson blvd, Chicago, Ill.
Defiance Button Machine Co. (Button Covering), 43 W 24th, New York
Draher John, Waterbury, Conn.
Grimes & Harris (Horn), Leominster, Mass.
Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
MacCordy Button Machine Co., Amsterdam, N. Y.
Markels Leonard, 165 William, New York
Russell Jno. W. & Sons Co., Springfield, Mass.

Toledo Button Machine Co. (Button Fastening), 3440 Summit av, Toledo, O.
Waterbury Button Corporation (Button Covering), 831 S Main, Waterbury, Conn. *See adv index at end of book*
Wendtland Wm., 51 Mercer, New York

7910— Buttonhole Machines

Champion Button-Hole Machine Co., 641 Atlantic av, Boston, Mass.
Lufkin John W. & R. H., 38 Chardon, Boston, Mass.
Reece Buttonhole Machine Co., 502 Harrison av, Boston, Mass.
Singer Sewing Machine Co., 149 Broadway, New York
Standard Sewing Machine Co., 6402 Cedar av S E, Cleveland, Ohio
United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

7911—Cabbage Machinery (Canners')

Chain Belt Co., Milwaukee, Wis.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7912— Cabbaging Machines

Famous Mfg. Co. (Hand for Brass Fdrs., etc.), East Chicago, Ind.

Cable Covering Machines

See Wire & Cable Covering Machinery

7913— *Cable Haulage Machinery

See also Engines, Haulage
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

7914—Cabling & Armoring Machines

American Insulating Machinery Co. ("Aimco"), Dept. H, Fairhill & Huntington), Philadelphia, Pa.
New England Butt Co., 304 Pearl, Providence, R. I.
SLEEPER & HARTLEY INC., 335 Chandler, Worcester, Mass.
See adv index at end of book
Torrington Mfg. Co., Torrington, Conn.
Watson Machine Co., Paterson, N. J.

Calcined Plaster Machinery

See Gypsum Machinery

7915— Calculating Machines

See also Adding Machines
Bishop Calculating Recorder Co., 233 Broadway, New York
Burroughs Adding Mach. Co., 2nd and Burroughs av, Detroit, Mich.
Calculator Corp. (Rapid), Grand Rapids, Mich.
Carlin Calculator Co., Chicago, Ill.
Cluley Multiplier Co., Green Bay, Wis.
Computer Mfg. Co., 268 Market, San Francisco, Cal.
Ensign Mfg. Co. (Electric), 19 Brook, Fanueili, Boston, Mass.
Felt & Tarrant Mfg. Co. ("Comptometer") 1717 N Paulina, Chicago, Ill.
Fromm G. A. Radiation Calculators, 85 Hawthorn, B'klyn, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Marchant Calculating Machine Co. ("Marchant"), Oakland, Cal.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Mielicke Calculator Co., 934 Wrightwood av, Chicago, Ill.
See adv index at end of book

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MEILICKE CALCULATOR COMPANY

934 Wrightwood Ave. Chicago

Monroe Calculating Machine Co., So. Orange, N. J.
Morschhauser W. A. ("Millionaire"), 1 Madison av, New York
Mulles Oscar Co., 32 B'way, New York
Reuter Carl H. ("Reuter," "Brunsviga" Multiplying & Dividing), Land Title bldg, Phila., Pa.
Triumphator Calculating Machine Co. ("Triumphator" Imp), 81 New, New York
Underwood Typewriter Co., 36 Vesey, New York

7916— Calendering Machines

Birmingham Iron Foundry (Board), Derby, Conn.
Black-Clawson Co., Hamilton, O.
Curtis & Marble Machine Co., Worcester, Mass.
Downington Mfg. Co., East Downington, Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Holyoke Machine Co. (Breaker, Friction, Web, etc), Holyoke, Mass.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Lindner & Vradenburgh, 239 Centre, New York
Lobdell Car Wheel Co. (For Rubber, Paper & Fibre), Wilmington, Del.
Norwood Engineering Co. (Breaker, Friction Web, Glassine, Sheet & Platers), Florence, Mass.
Poole Engineering & Machine Co. (For Cotton Duck), Woodberry Sta., Baltimore, Md.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machinery Co. (Pressure & Friction), 171 Westminister, Providence, R. I.
Waldron John Co. (For Paper Mills), New Brunswick, N. J.

7917— Calipering Machines

Rogers Jno. M. Works, Gloucester City, N. J.

7918— Calking Machines

Erie Toe Calk Machine Co., Erie, Pa.
L. S. P. Calking Machine Co. (For Horseshoers), Wyalusing, Pa.

7919—Cam Cutting Machines

Erie Toe Calk Machine Co. ("Erie Heel"), Erie, Pa.
Fay Machine Tool Co. ("Fay" Automatic), 2d & Glenwood av, Phila., Pa.
Garvin Machine Co., 147 Varick, New York
Rowbottom Machine Co. ("Rowbottom Universal), Waterville, Conn.
Standard Machinery Co., Providence, R. I.

7920— Cambering Machines

Mackintosh-Hemphill Co. (For Rails), 12th and Etna, Pittsburgh, Pa.
See adv index at end of book

7921—Can Beading Machines

See also Crimping & Beading Machines
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. & CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Premier Machinery Co., Oakland, Cal.
Slaysman & Co., 801 E. Pratt, Baltimore, Md.
Stecher Chas. Co. 2301 Knox av, Chicago, Ill.

7922—Can Beading & Flanging Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

7923—Can Body Forming Machines

Adriance Mach. Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Department), Monroe bldg, Chicago, Ill.
See adv index at end of book
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
McDonald Mach. Co. (Automatic), 7600 S. Racine av, Chicago, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Stecher Chas. Co. (Automatic Lock, Seam, etc.), 2301 Knox av, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.

7924— Can Boxing Machines

Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

7925—Can Burnishing Machines

Premier Machinery Co., Oakland, Cal.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

7926—Can Capping Machines

Adriance Machine Wks., 80 Richards, Brooklyn, N. Y.
Allbright-Neil Co. (Six Spindles for Packers, etc), 5315 Western av, Chicago, Ill.
AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Ayars Machine Co. (Hand & Power), Salem, N. J.
Brecht Co. (For Meat Packers), 1201 Cass av, St. Louis, Mo.
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
Jones John T. Sons, 734 E Lombard, Baltimore, Md.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.
Robins A. K. & Co. (Hand), 116 Market Place, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stecher Chas. Co. (Automatic Lock, Steam, etc), 1580 Crossing, Chicago, Ill.
Steward L. & J. A. (Power), Rutland, Vt.
Vance & Baker Mfg. Co., Muscatine, Ia.

7927—Can Cleaning & Washing Machines

Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Premier Machinery Co., Oakland, Cal.
San Diego Machine Co., San Diego, Cal.
Seattle-Astoria Iron W'ks (For Salmon Canneries, etc.), Seattle, Wash.

7928— Can Closing Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machy Dept.), (For Friction Top Cans), Monroe bldg, Chicago, Ill.
See adv index at end of book
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Continental Can Co., Syracuse, N. Y.
Metal Package Corp. of N. Y. (For Friction Cans), 509 5th av, New York
See adv index at end of book
Premier Machinery Co., Oakland, Cal.
Sanitary Can Co., 120 B'way, New York
Seattle-Astoria Iron W'ks (For Sanitary Cans), Seattle, Wash.
Stecher Chas. Co. (Sanitary), 1580 Crossing, Chicago, Ill.
Westchester Mach. Co., Mt. Vernon, N. Y.

7929—Can Crimping Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
Lewis E. J., Middleport, N. Y.
Premier Machinery Co., Oakland, Cal.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Westchester Mach. Co., Mt. Vernon, N. Y.

Can Earing Machines

See Soldering or Fusing Machines, Ear.

7930— Can Filling Machines

Ayars Machine Co. ("King" or "Stevens" for Tomatoes, Peas, etc), Salem, N. J.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), 365 Market, San Francisco, Cal.
Buffalo Can & Bottle Filling Mach. Co., 61 Terrace, Buffalo, N. Y.
Day J. H. Co., Cincinnati, O.
Fulton Engine Wks., 1000 Alhambra, Los Angeles, Cal.
Huntley Mfg. Co. ("Monitor" for String Beans, Apples, Vegetables, etc.), Silver Creek, N. Y.
Johnson Paul S., 1906 E 93d, Cleveland, O.
Kiefer, Karl Machine Co. ("Visco"), 919 Martin, Cincinnati, O.
McKenna Brass & Mfg. Co., 1st av & Ross, Pittsburgh, Pa.
Phelps Can Co. (Vent Hole Filling Machines), Key Highway & Lawrence, Baltimore, Md.
Premier Machinery Co., Oakland, Cal.
Pneumatic Scale Corp., Norfolk Downs, Mass.
Rice & Adams (Milk), Buffalo, N. Y.
Robins A. K. & Co. (Tomato, etc), 116 Market place, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
San Diego Machine Co., San Diego, Cal.
Seattle-Astoria Iron Works, ("Jenson" for Salmon Canneries), Seattle, Wash.
Sinclair-Scott Co. (Pea Filler), Wells & Patapsco, Baltimore, Md.

CAN FILLING MACHINES—continued

Sprague Canning Machinery Co. ("Moore & Bristol's," "Colbert," "Jersey Queen," "Stevens' King," for Filling Meats, Soups, Syrups, Milk, Fruits, Vegetables, etc.), 222 N Wabash av, Chicago, Ill.

Stickney Henry R (For Evaporated Cream, Baked Beans, Fats, Oils, Mustard, etc), Portland, Me.

U. S. Bottlers' Machinery Co. ("Perfection" "U. S." multiple), 2511 Park av, Chicago, Ill.

7931— Can Heading Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

AMS MAX MACHINE CO. ("Ams" Automatic Double Seamless), 101 Park av, New York

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.

Premier Machinery Co., Oakland, Cal.

Slaysman & Co., 801 E Pratt, Baltimore, Md.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Westchester Mach. Co., Mt. Vernon, N. Y.

Can Labeling Machines

See Labeling Machines.

7932—Can Lacquering Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.

Premier Machinery Co., Oakland, Cal.

Seattle-Astoria Iron Works, Seattle, Wash.

Seeley Bros. ("Hughlett"), Blaine, Wash.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7933— Can Lining Machines

AMS MAX MACHINE CO. ("Ams" Adjustable, Round, Square, Covers, etc), 101 Park av, New York

Premier Machinery Co., Oakland, Cal.

7934—Can Lock & Lap Seaming Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

AMS MAX MACHINE CO. ("Ams" Automatic Double Seamless), 101 Park av, New York

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Cameron Can Machinery Co. (Sanitary with Soldering Attachments, etc.), 240 Nashland av, Chicago, Ill.

McDonald Machine Co. (Automatic Lock Seam), 3207 Shields av, Chicago, Ill.

Premier Machinery Co., Oakland, Cal.

7935— Can Makers' Machinery

See also Specific Article Required.

Adriance Machine Works (Soldering & Sanitary), 80 Richards, Brooklyn, New

AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*

American Key Can Co. (For Key Opening Cans), 140 S Dearborn, Chicago, Ill.

AMS MAX MACHINE CO. ("Ams" Air Tight Seam Without Solder or Acid, etc.), 101 Park av, New York

Angelus Sanitary Can Mach. Co., 288 S Fernando blvd, Los Angeles, Cal.

Ayars Machine Co., Salem, N. J.

Berger & Carter Co. (Owners of Pacific Tool & Supply Co., 365 Market, San Francisco, Cal.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Brecht Co., 1201 Cass av, St. Louis, Mo.

Cameron Can Machinery Co. ("Cameron" Automatic Lockseamer, Threader, etc.), 240 Nashland av, Chicago, Ill.

Consolidated Press Co., 26 S Jefferson, Chicago, Ill.

Ferracute Machine Co., Bridgeton, N. J.

Kruse Mfg. Co., 109 S 5th, Brooklyn, N. Y.

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.

McDonald Mach. Co., 7600 S Racine av, Chicago, Ill.

Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

Premier Machinery Co., Oakland, Cal.

San Diego Machine Co., San Diego, Cal.

Seattle-Astoria Iron Works ("E. K. & M." Can Body Making & Soldering), Seattle, Wash.

Slaysman & Co. (Automatic), 801 E Pratt, Baltimore, Md.

Stecher Chas. Co. ("Automatic"), 1580 Crossing, Chicago, Ill.

Stevenson & Co., 607 S Caroline, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Westchester Mach. Co., Mt. Vernon, N. Y.

7936—Can Marking Machines

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York

Premier Machinery Co., Oakland, Cal.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7937—Can Polishing Machines

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.

Premier Machinery Co., Oakland, Cal.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.

7938—Can Righting Machines

Premier Machinery Co., Oakland, Cal.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7939— Can Salting Machines

Goodfellow G. P. ("Goodfellow's"), Blaine, Wash.

Premier Machinery Co., Oakland, Cal.

San Diego Machine Co., San Diego, Cal.

Seattle-Asteria Iron Works (Automatic), Seattle, Wash.

7940—Can Scoring Machines

AMS, MAX MACHINE CO. ("Ams" Adjustable Power), 101 Park av, New York

Premier Machinery Co., Oakland, Cal.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.

7941—Can Seaming Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

AMS MAX MACHINE CO. ("Ams" Automatic Double Seamer), 101 Park av, New York

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Cameron Can Machinery Co. (Automatic Double Seamer), 240 N Ashland av, Chicago, Ill.

Premier Machinery Co., Oakland, Cal.

Slaysman & Co. (Automatic Side Seam Locking Machines), 801 E Pratt, Baltimore, Md.

7942— Can Slitting Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

AMS, MAX MACHINE CO., 101 Park av, New York

Premier Machinery Co., Oakland, Cal.

Slaysman & Co., 801 E Pratt, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

7943—Can Soldering Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.

Allbright-Nell Co. (Vacuum Sealing), 5315 Western av, Chicago, Ill.

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Cameron Can Machine Co. (Automatic & Single Floating Machine), 240 N Ashland av, Chicago, Ill.

Premier Machinery Co., Oakland, Cal.

7944—Can Stamping Machines (Automatic)

Premier Machinery Co., Oakland, Cal.

Slaysman & Co., 801 E Pratt, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

7945—Can Sterilizing Machines

Premier Machinery Co., Oakland, Cal.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7946— Can Stuffing Machines

Allbright-Nell Co., 5315 Western av, Chicago, Ill.

Premier Machinery Co., Oakland, Cal.

San Diego Machine Co., San Diego, Cal.

Can Testing Machines

See Testing Machines, Can

7947— Can Tipping Machines

Chicago Solder Co. (High Speed Auto-Tripper), 218 N Union av, Chicago, Ill.

Fulton Engine Wks, 1000 Alhambra, Los Angeles, Cal.

Premier Machinery Co., Oakland, Cal.

7948—Can Top Folding Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

Premier Machinery Co., Oakland, Cal.

7949—Can Weighing Machines

Premier Machinery Co., Oakland, Cal.

Seely Bros. (Automatic), Blaine, Wash.

Smith Cannery Machine Co. (Automatic), Seattle, Wash.

7950—Can Wiping Machines

Ayars Machine Co., Salem, N. J.

Morral Bros., Morral, O.

Premier Machinery Co., Oakland, Cal.

Slaysman & Co., 801 E Pratt, Baltimore, Md.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7951—Can Wrapping Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.

Premier Machinery Co., Oakland, Cal.

7952—Can & Jar Washing Machines

Premier Machinery Co., Oakland, Cal.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7953— Cancelling Machines

American Perforator Co. ("American" Check & Cigar Stamp, Hand, Foot & Motor Driven), 621 W. Jackson blvd., Chicago, Ill.

Bright H. V. (For Ticket Chopper), 1104 Prospect, Cleveland, O.

Columbia Postal Supply Co., Silver Creek, N. Y.

Cummins Perforator Co. (Plain & Dating, etc.), 4740 W Ravenswood av, Chicago, Ill.

Moise-Klinker Co., 369 Market, San Francisco, Cal.

7954-5— Candle Machinery

Brewer Wm. W., Troy, N. Y.

Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.

Homan & Co. (Molds, etc), Cincinnati, O.

Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.

Candy Machinery

See Confectioners' Machinery

Candy Vending Machines

See Vending Machines

7956—Cane-Seat Chair Machinery

See also Chair Machinery

Goodspeed Machine Co. (Chair Seat Grooving Machinery), Winchendon, Mass.

Purdy Chester Co. (Also Wood Seat), Ghent, O.

Scow Bay Iron & Brass Works, Astoria, Ore.

7957— Cane Sugar Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.

Dyer Co., 2031 Euclid av, Cleveland, O.

Fulton Iron Works Co., 1259 Delaware av, St. Louis, Mo. *See adv index at end of book*

HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton Pratt"), Hamilton, O. *See adv index at end of book*

Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.

Krajewski-Pesant Corp., 50 Broad, New York

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Maine Machine Wks. (Sprays & Dischargers), 701H N Main, Los Angeles, Cal.

Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.

MOTLEY JAMES M., Export Office Duncan Stewart & Co. Ltd., 43 Cedar, New York

O'Neil Iron Wks., 268 Perry, Buffalo, N. Y.

Premier Machinery Co., Oakland, Cal.

Sugar Machinery Co., Higgins bldg., Los Angeles, Cal.

Turl Iron & Car Co., Inc. (The), 50 Broad, New York. Works: Newburgh, N. Y.

Von Phil Gilbert D, Hibernia Bang bldg, New Orleans, La.

7957a—*Cane Sugar Conveying Machinery

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

7958—Canners' Fruit Washing & Scalding Machines

Premier Machinery Co., Oakland, Cal.

Vance & Baker Mfg. Co. ("Grasshopper"), Muscatine, Ia.

7959—Canners' Viner Feeding Machines

Ferrell A. T. & Co. ("Giant" Roller Bearing), Saginaw, Mich.

Hamachek Frank ("Ideal" Viner Feeders, for Pea Canners), Kewaunee, Wis.

Premier Machinery Co., Oakland, Cal.

7960— Canning Machinery

AMS MAX MACHINE CO. (For Making & Sealing Sanitary Tin Cans), 101 Park av, New York

Anderson-Barngrover Mfg. Co., San Jose, Cal.

Ayars Machine Co., Salem, N. J.

Berger & Carter Co. (Owners of Pacific Tool & Supply Co.) ("Perfection" & Food Preserving), 365 Market, San Francisco, Cal.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Burpee & Letson (Ltd.) (Salmon), Bellingham, Wash.
Burt Machine Co., 403 E Oliver, Baltimore, Md.
Chicago Solder Co., 4201 Wrightwood av, Chicago, Ill.
Climax Machinery Co., Indianapolis, Ind.
Conant R. O. Co., Portland, Me.
Ferrell A. T. & Co., Saginaw, Mich.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Washers, Scalers, Blanchers, Fillers, Elevators, Pitters, Huskers), Silver Creek, N. Y.
Jones John T. Sons, 734 E Lombard, Baltimore, Md.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lang E. M. Co. (Soldering Machines, Capping Irons, Solder, Presses, etc), Portland, Me.
Lewis E. J., Middleport, N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McDonald Machine Co., 3207 Shields av, Chicago, Ill.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
Morral Bros. (Corn Cutter, Silk Brushing Cooker Filler, etc), Morral, O.
Peerless Husker Co., 523 Cornwall av, Buffalo, N. Y.
Premier Machinery Co., Oakland, Cal.
Renneburg Edw. & Sons Co., 2639 Boston, Baltimore, Md.
Robins A. K. & Co., 116 Market pl, Baltimore, Md.
Seattle-Astoria Iron Works, Seattle, Wash.
Seely Bros., Blaine, Wash.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (Tomato), 222 N Wabash av, Chicago, Ill.
Sprague Foundry & Mfg. Co., Council Bluffs, Iowa
Stickney Henry R. (Filling & Syruping, etc), Portland, Me.
Thompson Mfg. Co., Lancaster, N. H.
Vance & Baker Mfg. Co., Muscatine, Ia.
Westchester Mach. Co., Mt. Vernon, N. Y.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

7961-2—Cant Hook Handle Machinery

Defiance Machine Works, Defiance, O.

7963—Canvas Glove Machinery

Keagy & Lear Machine Co., Coshocton, O.

7964— Capping Machines

Dicke Tool Co., Downers Grove, Ill.
Lang E. M. Co., Portland, Me.
Premier Machinery Co., Oakland, Cal.
Steward L. & J. A., Rutland, Vt.

7965— Capsule Machines

Colton Arthur Co., 2600H, E Jefferson, Detroit, Mich.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

7966— Car-Boring Machines

American Wood Working Machinery Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Power L. & Co., 22 S 23d, Phila., Pa.

7967—*Car Dumping Machinery

See also Dumpers, Car

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

7967a— Car Shop Machines

Woods S. A. Machine Co., 27 Damrell, Boston, Mass.

7968—Car Spring Coiling Machines

See also Spring Coiling Machines; also Wire Spring Coiling Machines

Coulter & McKenzie Machine Co., Bridgeport, Conn.

Car Wheel Molding Machines

See Molding Machines, Foundry

7969—Car & Carriage Spring Machinery

Coulter & McKenzie Machine Co. (Car), Bridgeport, Conn.
Evans Jno. Sons, 506 N 13th, Phila., Pa.
L & W Spring Co., 210 Center, New York

7970—Carbon Cutting Machines

Lundin Electric & Machine Co. (Electrical, with Switch), 10 Thatcher, Boston, Mass.

7971-2— Carbon Machinery

Baker's Sons J. & Perkins Co., Inc. (Mixers), White Plains, N. Y.
Brown A. & F. Co., 79 Barclay, New York

7973-4—Carbonating Machinery

Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Magnus A. Sons Co., 327 W Randolph, Chicago, Ill.
Taber Pump Co., Buffalo, N. Y.

Cardboard Slitting Machines

See Paper Slitting Machines

7975—Card Cutting Machines

See also Card Cutting Machines, Textile
Amer. Specialty Co. ("Premium"), Dept. H, Bridgeport, Conn.
Beck Chas Machine Co., 97 Chestnut, Phila, Pa. *See adv index at end of book*
BLISS E. W. CO. (Playing Cards), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Dietz Machine Works (Rotary for Index Business, etc.), 126 Fountaine, Phila., Pa.
Golding Mfg. Co., Franklin, Mass.
Jacques Jno. & Son, Worcester, Mass.
Marshall Son & Co. ("Superior" Hand Card Cutter), 226 Purchase, Boston, Mass.
Robinson Jno. T. Co., Hyde Park, Mass.

7976—Cargo Transferring Machinery (Marine Transfer)

American Hoist & Derrick Co., St. Paul, Minn.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

7977—Carpet Cleaning Machinery

Chief Mfg. Co., Indianapolis, Ind.
Cleveland Laundry Machinery Mfg. Co., 5184 Fowler av S E, Cleveland, O.
Elec. Rotary Mach. Co. ("Electric" Rot-Machine), 32 S Clinton, Chicago, Ill.
Giant Mfg. Co., Council Bluffs, Ia.
Reed Mfg. Co. (Carpet Cleaning Wheels), Springfield, O.

7978—Carriage Builders' Machinery

See also Hub, Spoke & Rim Machinery
Abbott & Co. (Hub Bored), Hudson, Mich.
American Woodworking Mach'y Co., Rochester, N. Y.
Bicknell Mfg. & Supply Co. (Felloe Rounders), Janesville, Wis.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Kane & Roach, Syracuse, N. Y.
Williams, White & Co., Moline, Ill.

Carriage Spring Machinery

See Car & Carriage Spring Machinery

7979—Carton Sealing Machines

American Carton Sealing Machine Co., 1060 W Harrison, Chicago, Ill.
American Machinery Co. ("Philadelphia"), 330 N 12th, Phila., Pa.
Automatic Weighing Mach. Co., 138 Commerce, Newark, N. J.
Sharp L. C. Mfg. Co. (Soap Powder), Plattsmouth, Neb

7980— Cartridge Machinery

East Iron & Machine Co., 351 E Market, Lima, O.
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

Carving Machines

See Wood Carving Machines

7981-2—Carving Machines (Corner Block)

Fay J. A. & Egan Co., Cincinnati, O.

7983—Case Hardening Machines

See also Furnaces, Annealing & Case Hardening
American Gas Furnace Co., 24 John, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

7984-5—Case Smoothing Machines

Hickok W. O. Mfg. Co. (For Bookbinders), Harrisburg, Pa.

7986—Cast Iron Pipe Cutting Machines

Smith A. P. Mfg. Co. ("French"), East Orange, N. J.

Casting Machines

See Molding Machines, Foundry

7986a— Castor Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.
Hydraulic Press Mfg. Co. (Presses), Mt. Gilead, O.
Platt Iron Wks. Co., Dayton, O.

7987-8— Catsup Machines

Sinclair-Scott Co. (Tomato Pulp Finishers), Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Ceiling Machinery

See Sheet Metal Workers' Machines, etc.

7989— Celluloid Machinery

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Cook F. H. & Co., Leominster, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.

7990—Cement Brick Machines

See also Concrete Building Block Machinery
American Cement Machine Co., Keokuk, Ia.
Besser Mfg. Co., Alpena, Mich.
Buckeye Engine & Foundry Co., Joliet, Ill.
Colgan Machinery & Supply Co., Columbus, O.
Francis Machinery Co., St. Louis, Mo.
Helm Brick Machine Co. (Concrete), Cadillac, Mich.
Ideal Concrete Machy. Co., 1346 Monmouth av, Cincinnati, Ohio
Internat, Brick Mach. Co., Binghamton, N. Y.
La Grange Machine & Repair Co. ("Little Giant"), La Grange, Ind.
Moore Plow & Implement Co., Greenville, Mich.
Northwestern Steel & Iron Works ("Northwestern" Tin Brick), Eau Claire, Wis.
Peerless Brick Machine Co. ("Pearless"), 1234 Central av, Minneapolis, Minn.
Starch Bros. Co. ("Leader"), La Crosse, Wis.

Cement Burial Vault Machinery

See Molds, Concrete

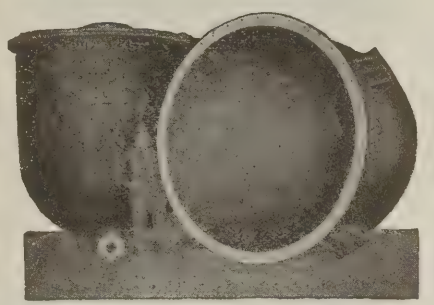
Cement Drain Tile Machines

See Cement Sewer Pipe Machinery

7991— Cement Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bethlehem Foundry & Mach. Co., South Bethlehem, Pa.
Bonnot Co., Canton, O.
Burrell Mfg. Co., Bradley, Ill.
Chalmers & Williams (Inc.), 1925 Commercial Nat'l Bank bldg, Chicago, Ill.
Dunning W. D., Syracuse, N. Y.
FULLER-LEHIGH CO., Fullerton, Pa.
See adv index at end of book
Great Western Mfg. Co., Leavenworth, Kan.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP. (For Cement Plants), 120 Broadway, New York
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Mashek Engineering Co., 90 West, New York
Mosser W. F. & Son (Rotary Crushers), Allentown, Pa.
Prosser Thos. & Son (Imp.), 15 Gold, New York
Quintard Iron Works Co., 742 E 12th, New York
Reeves Bros. Co., The (For Wet or Dry Process), Alliance, O.
See adv index at end of book
Republic Iron Wks., Tecumseh, Mich.
Sackett A. J., Cor 4th av & 1st, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Treadwell Construction Co. (For Wet or Dry Process), Midland, Pa.
See adv index at end of book
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works, Inc. (Cooling Towers, Slurry Tanks, Pug Mills, Sacking Machines, etc.), Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.

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New York Office: 17 Battery Place

CEMENT MACHINERY—continued

WEBSTER MFG. CO. (Elevating & Conveying), 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Willsea Works, Dept. H, Rochester, N. Y.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Cement Porch Column Machinery
See Molds, Concrete

7992—Cement Post Machinery
See also Molds, Concrete

American Cement Machine Co., Keokuk, Iowa
Cement Machinery Co. ("Universal"), Jackson, Mich.
Francis Machinery Co., St. Louis, Mo.
Northwestern Steel & Iron Works, Eau Claire, Wis.

Cement Roofing Tile Machinery
See Cement Shingle Machinery

7993—Cement Sacking Machines
See also Cement Machinery

United Iron Works, Inc., Kansas City, Mo.

7994—Cement Sewer Pipe Machinery
Besser Mfg. Co. (Hand & Power Machines for Drain Tile & Sewer Pipe), Alpena, Mich.
Cement Machinery Co., Jackson, Mich.
Concrete Machy. & Supply Co. ("Brubakers"), 2014 Sante Fe av, Los Angeles, Cal.
Concrete Stone & Sand Co. ("Pauly"), Youngstown, O.
Farmers' Cement Tile Machine Co. ("Ideal" Drain Tile Machines), St. Johns, Mich.
Lansing Co., Lansing, Mich.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Quinn Wire & Iron Works ("National" Automatic for Large Cement Tile), Boone, Ia.
Raber & Lang Mfg. Co. ("Crescent" Molds for Drain Tile), Kendallville, Ind.

7995—Cement Shingle Machinery
Janesville Cement Co., Janesville, Wis.
Leavitt Mfg. Co., Urbana, Ill.

7996—Cement Weighing Machines (Automatic)
Richardson Scale Co., Passaic, N. J.

7997— Centering Machines
Binghamton Machine Works, Binghamton, N. Y.
Hendey Machine Co. ("Hendey," Single & Double) Spindle), Torrington, Conn.
Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
Phoenix Mfg. Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.
Rockford Drilling Machine Co. (Shaft), Rockford, Ill.
Twin-O-Matic Machine & Tool Co., Inc. (Automatic), 160 John, Brooklyn, N. Y.
WHITON D. E. MFG. CO. ("Whiton" Revolving), New London, Conn.
See adv index at end of book

7998—*Centering Machines (Duplex)
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

7999—*Centering Machines (Two Spindle)
WHITON D. E. MFG. CO. (Also One Spindle), New London, Conn.
See adv index at end of book

8000—Centrifugal Machines (Laboratory)
American Tool & Machine Co. (Centrifugals, Dryers & Hydro-Extractors), 10 High, Boston, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Sharples Specialty Co., West Chester, Pa.
Williams, Brown & Earle (Hand, Water, Steam & Electric), 916 Chestnut, Phila., Pa.

8001—Ceramic Tile Machinery
Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Mueller Machine Co., Trenton, N. J.

Cereal Roasting Machines
See Coffee, Peanut, etc, Roasting Machines

8002—Chain Link Coiling Machines
VAUGHN MACHINERY CO., Cuyahoga Falls, O. *See adv index at end of book*

8003—Chain Making Machinery
Baird Machine Co. (Automatic), Bridgeport, Conn.
Breul Fred G (Automatic), Bridgeport, Conn.
Smith Richardson Co., Attleboro, Mass.
VAUGHN MACHINERY CO. ("Vaughn" for Fire Welded Chains, etc), Cuyahoga Falls, O.
See adv index at end of book

8004—Chain Welding Machinery
VAUGHN MACHINERY CO., Cuyahoga Falls, O. *See adv index at end of book*

8005—Chair Back Post Bending Machines
Jenkins Machine Co., Sheboygan, Wis.

8006— Chair Machinery
See also Cane-Seat Chair Machinery

American Wood Working Machinery Co., Rochester, N. Y.
Baldwin E. E., Gardner, Mass.
Chase Turbine Mfg. Co. (Chair Back Machines), Orange, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Fay J. A. & Egan Co., Cincinnati, O.
Gardner Machine Works (E. N. & W. H. Hobby, Props.), Gardner, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Jenkins Machine Co., Sheboygan, Wis.
Linderman Steel & Machine Co., Muskegon, Mich.
McKnight L. G. & Son Co., Gardner, Mass.
Nash J. M. (Special), 842 30th, Milwaukee, Wis.
Purdy Chester, Ghent, O.
Whitney Baxter D. & Son, Winchendon, Mass.

8007— Chair Seat Machinery
Jenkins Machine Co. (Jointers, Notchers, Scoopers), Sheboygan, Wis.
Linderman Steel & Machine Co. (Dovetail Jointer), Muskegon, Mich.

8008—Chamfering & Crozing Machines
Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, O.
Oram John S. Co. (& Howeling), 1316 E 53rd, Cleveland, O.
Rochester Barrel Machine Works, Rochester, N. Y.

8009—Change Making Machines
Barrett Changer Co., 36 S State, Chicago, Ill.
Brandt Mfg. Co., 150 Nassau, New York
International Money Making Machine Co., Dept. H, Reading, Pa.
McGill Metal Products Co. ("McGill"), 1649H Walnut, Chicago, Ill.
Staats W. H. Co., Cohoes, N. Y.

Channeling Machines
See Stone Channeling Machines

8010—Charging Machines (Open Hearth)
Alliance Machine Co., Alliance, O.
Brosius Edgar E., Benedum Trees bldg, Pittsburgh, Pa.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
WELLMAN - SEAVER - MORGAN CO. ("Wellman"), Cleveland, O.
See adv index at end of book

8011—Check Writing Machines
Defiance Check Writer Corp., Rochester, N. Y.
Hall-Welter Co., Rochester, N. Y.
New Era Mfg. Co. ("New Era"), 450 4th av, New York
Safe-Guard Check Writer Co., Inc., 5 Beekman, New York
Todd Protectograph Co. ("Protectograph," "Peerless"), 1050 University av, Rochester, N. Y.

8012—Cheese Box Machinery
Goo & Hopkins, Delavan, N. Y.
Oakes & Burger Co., Cattaraugus, N. Y.
Premier Machinery Co., Oakland, Cal.
Yates P. B. Machine Co., Beloit, Wis.

8013—Cheese Box Nailing Machines
Goo & Hopkins, Delavan, N. Y.
Morgan Machine Co., 1100H University av, Rochester, N. Y.
Premier Machinery Co., Oakland, Cal.

8014—Cheese Factory Machinery
Burrell D. H. & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Gehl M. C. Co., 3002 Meinecke av, Milwaukee, Wis.
Manning Mfg. Co., Dept. H, Rutland, Vt.
Oakes & Burger Co., Cattaraugus, N. Y.
Premier Machinery Co., Oakland, Cal.

8015— Chemical Machinery
Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
American Tool & Machine Co. (Centrifugals & Hydro-Extractors), 10 High, Boston, Mass.
Badger E. B. & Sons Co., 75-A Pitts, Boston, Mass.
See adv index at end of book
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BUFFALO FOUNDRY & MACHNE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chemical Constr. Co. (Concentrators, Acid Plants, Recovery Plants, etc.), Charlotte, N. C.
Dorr Co., 1009 17th, Denver, Col.
Electron Chemical Co. (Electrolytic Cells for Chlorine & Caustic Soda Plants), Portland, Me.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Hercules Engng. Corp. (Chlorine, Sulphur, Dioxide & Caustic Soda Plants), 501 5th av, New York
Johnson John C., 37th & 2nd av, Brooklyn, N. Y.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Patterson Foundry & Machine Co., E Liverpool, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Smith T. L. Co. (Mixers), 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Stevens Bros., 149 B'way, New York
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Sturevant Mill Co. (Crushers, Grindstones, etc), Clayton & Park, Dorchester, Boston, Mass.
Tolhurst Mach. Wks., Troy, N. Y.
Valley Iron Works, Williamsport, Pa.
Warner Chemical Co. (For Chlorine & Caustic Soda Plants), 52 Vanderbilt av, New York
ZAREMBA CO. (Evaporators, Leaching Cells), 505 Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

8016-7—Cherry Pitting Machines

Crown Pitter Co., Cleveland, O.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Premier Machinery Co., Oakland, Cal.

8018—Chewing Gum Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Mach. Co., 4645 Ravenswood av, Chicago, Ill.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, O.
Dellenbarger C. E., 1949 Fulton, Chicago, Ill.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Mills Thos. & Bro., 8th & Thompson, Phila., Pa.
Premier Machinery Co., Oakland, Cal.
Savage Bros. Co., 2638 Gladys av, Chicago, Ill.

8019—Chocolate Coating Machines

Peters Machinery Co., 209 S La Salle, Chicago, Ill.
Racine Confectioners Machy. Co., Racine, Wis.

8020— Chocolate Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Bakers Joseph (Ltd.) (Imp.), 233 B'way, New York
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Day J. H. Co., Cincinnati, O.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Lehmann J. M. Co., 101 Varick, New York
National Equipment Co., Springfield, Mass.
Premier Machinery Co., Oakland, Cal.
Racine Confectioners Machy Co., Racine, Wis.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Ross Chas. & Son Co., 143 Classon av, Brooklyn, N. Y.

8021—Chucking, Boring & Turning Machines (Automatic)

Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
International Mach. Tool Co., Indianapolis, Ind.

8022— Chucking Machines

Acme Machine Tool Co., Cincinnati, O.
Baker Bros. (Vertical), Toledo, O.
Bickford H. & Co. ("Bickford" Vertical), Lakeport, N. H.
Brown & Sharpe Mfg. Co. (Horizontal & Vertical), Providence, R. I.
Bullard Machine Tool Co. ("Standard" Vertical), Bridgeport, Conn.
Davis Machine Tool Co. (Horizontal), Rochester, N. Y.
Fay & Scott, Dexter, Me.
Garvin Machine Co., 147 Varick, New York
Giddings & Lewis Mfg. Co. ("Conradson"), Fond du Lac, Wis.
Gisholt Machine Co. (Turret Lathes for Finishing Castings & Forgings), Madison, Wis.
Hamilton Machine Tool Co., Hamilton, O.
Jones & Lamson Machine Co., Springfield, Vt.
King Machine Tool Co. (Vertical), Clifton av & B. & O. S. W. R. R., Cincinnati, O.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
McDonough Mfg. Co. (Automatic), Eau Claire, Wis.
Millholland Mach. Co., W 23rd & Belt R. R., Indianapolis, Ind.
New Britain Machine Co. (Automatic), New Britain, Conn.
Ober Mfg. Co. (Wood), Chagrin Falls, Ohio
Oliver Machinery Co., Grand Rapids, Mich.
Potter & Johnston Machine Co. ("Manufacturing Automatic"), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Quint A. D. (Vertical), Hartford, Conn.
Rogers Machine Tool Co., Alfred, N. Y.
Springfield Machine Tool Co., Springfield, Ohio
Warner & Swasey Co., 5809 Carnegie av, Cleveland, O.
Whitcomb-Blaisdell Machine Tool Co., 677 Cambridge, Worcester, Mass.

8023-4—Chucking & Turning Machines (Automatic)

Hartford Machine Screw Co., Hartford, Conn.
Potter & Johnston Machine Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.

Cider Making Machinery

See Wine Making Machinery

8025— Cigar Box Machinery

Doig Wm. S. (Nailing, etc), 54 Franklin, Brooklyn, N. Y.
Shirk P. E., Blue Ball, Pa.

8026—Cigar Bunching Machines

Miller, DuBrul & Peters Mfg. Co. ("Du Brul"), 507 E Pearl, Cincinnati, O.

8027— Cigar Machinery

American Machine & Foundry Co. ("Fresh Work," "Toscani Cheroot," "Cigar & Cheroot Rolling"), 5520 2d av, Brooklyn, N. Y.
Cigar Machine Corp. of Amer. (Automatic), 506 N Eutaw, Baltimore, Md.
Ermold Edward Co. (Branding Machine), 656 Hudson, New York
Liberman Mfg. Co., 248 N 8th, Phila., Pa.
Miller, Du Bru & Peters Mfg. Co. (& Molds, etc.), 507 E Pearl, Cincinnati, O.
Strieder J. W. Co. (Banding Machines, Automatic), 178 Ruggles, Boston, Mass.

8028—Cigar Re-Packing Machines

National Selling Co., Allentown, Pa.

8029-30—*Cigarette Box Machinery (Tin)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8031— Cigarette Machinery

American Machine & Foundry Co. ("Standard," "Cork Tip"), 5520 2d av, Brooklyn, N. Y.
Comas Machine Co. (For Plain or Cork Tipped Cigarettes), Salem, Va.
Ludington Cigarette Mach. Co., Waterbury, Conn.
Miller, DuBrul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, O.

8032-3—Cigarette Packing Machines

American Machine & Foundry Co. ("Pouch, "Foil"), 5520 2d av, Brooklyn, N. Y.
Comas Machinery Co., Salem, Va.
International Packing Machines Co., 434 E 71st, New York
United Cigarette Mach. Co. (Ltd.), Lynchburg, Va.

8034—Circle & Flanging Machines

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

8035—Circular Folding Machines

American Multigraph Sales Co. ("Universal," Letter & Statement), 1832 E 40th, Cleveland, O.
Cabott P. M. Co., 6 Church, New York
Dick A. B. Co., 736 W Jackson blvd, Chicago, Ill.
Leffler Charles & Co. (Used in Packing Baking Powder, Medicines, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Mentges Folder Co., Sidney, O.
Pruit Co., 112 G. No. La Salle, Chicago, Ill. *See adv index at end of book*

8036—Circular Re-Sawing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
Connell & Dengler Mach Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

Circular Stone Sawing Machines

See Stone Sawing Machinery, with the words Circular Sawing following their names

8037— Clapboard Machinery

Lane Mfg. Co., Montpelier, Vt.
Union Iron Works, Bangor, Me.

8038—Clay Building Block Machinery

See also Brick Machinery, also Brick Press Machines
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Company, Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Fate-Root Heath Co., Plymouth, O.
Freese E. M. & Co., Galion, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

8039—Clay Filtering Machinery

Crossley Machine Co., State & Chestnut av, Trenton, N. J.

8040—Clay Grinding Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Anderson Foundry & Mach. Works, Anderson, Ind.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Crossley Machine Co., State & Chestnut, av, Trenton, N. J.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
United Iron Works, Inc., Kansas City, Mo.

8041—Clay Tempering Machinery

Carnell Geo. (Est. of), 1819 N 5th, Phila., Pa.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.

8042—Clay Washing Machinery

See also Clay Cleaning Machinery
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
International Clay Machy. Co., Dayton, O.
Muell Machine Co., Trenton, N. J.
Patterson Foundry & Mach. Co., East Liverpool, O.

8043— Clay Working Machinery

See also Brick Press Machines, etc.
Buckeye Traction Ditcher Co. The (Clay Digger for Tile & Brick), Findlay, Ohio
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Detroit Steel & Casting Co., 4069H, Michigan, Detroit, Mich.
FERNHOLTZ MACHY. CO., 2053 E 38th, Los Angeles, Cal.
See adv index at end of book
HADFIELD-PENFIELD STEEL CO. (THE), Bucyrus, O.
See adv index at end of book

Clay Working Machinery
For Making Every Clay Product
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

Ivens Wm. H. Sons Co. (Jiggers, Oval Dish & Plug Bowl Machines, Surface Grinders, etc), P. O. Box 647, Trenton, N. J.
Marion Machine Foundry & Supply Co., Marion, Ind.
Potts C. & A. & Co., 816 Washington, Indianapolis, Ind.
Taplin-Rice-Clerkin Co. ("Pioneer"), Akron, O.
Union Engng. Co., Cuyahoga & W 4th, Cleveland, O.

8044—Cleat Sawing Machines

Mereen-Johnson Machine Co. (Gang Cleat Saws), 4400 Lyndale av N, Minneapolis, Minn.

8045— Clipping Machines

Huntley Mfg. Co. ("Monitor" for Oats, Barley, Rice, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible" Oat, Barley & Rice), Silver Creek, N. Y.

8046—Clock Pinion Turning Machines

Davenport Machine Tool Co. (Automatic), New Bedford, Mass.

8047—Clock & Watch Makers' Machinery

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Draher John, Waterbury, Conn.
Nichols W. H. (Watchmakers'), Waltham, Mass.

CLOCK & WATCH MAKERS' MACHINERY—continued

Stark Tool Co., Waltham, Mass.
Waltham Machine Works, Waltham, Mass.

8048-9—Closing Machines for Steel Lead Kegs

AMERICAN CAN CO. (Machy. Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book

8050—Cloth Laying Machines

Shuttle Machine Co. ("Shuttle," "Wedg-Way," "Rod-Way"), 18 E 17th, New York

Cloth Room Machinery

See Textile Machinery & Supplies; for page number consult Index of Contents

8051—Cloth Shrinking & Sponging Machines

Moritz Herman & Excelsior Shrinking Co., 194 Greene, New York

8052—Clothes Pin Machinery

Goodspeed Machine Co., Winchendon, Mass.

8053-4—Clothes Pressing Machines

American Laundry Machy. Co., Cincinnati, O.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Behrstock L., 763 W Van Buren, Chicago, Ill. *See adv index at end of book*
Geyer Ed. J. ("Champion"), Rochester, N. Y.
Hoysradt & Case, Kingston, N. Y.
Leader Machine Co., 2841 N Francisco av, Chicago, Ill.
Lufkin Jno. W. & R. H., 38 Chardon, Boston, Mass.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Palmer T. D. Co., Syracuse, N. Y.
Prosperity Co. (Steam), Syracuse, N. Y.
Rosenbaum Mfg. Co., 33 Bleecker, New York
Smith Drum & Co. (Knit Goods), Allegheny av & 5th, Philadelphia, Pa.
Stockwell & Co., 229 N Holliday, Baltimore, Md.
U. S. Hoffman Co. ("Hoffman,"), Syracuse, N. Y.
Williams Tool Co., Erie, Pa.
Zacharias Edwin H., Reading, Pa.

8055—Coal Breaker Machinery

Finch Mfg. Co., Scranton, Pa.
Grant Iron Works, Mahanoy City, Pa.
LINK-BELT CO., 329 W. 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Pennsylvania Crusher Co. ("Bradford Breakers), Stephen Girard bldg, Phila., Pa.
Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.
Wilmot Engineering Co., Hazleton, Pa.

Coal Car Dumping Machines

See Car Dumping Machinery

Coal Crushing Machinery

See Crushers, Coal & Coke

8056—Coal Cutting Machines

See also Chain Mining Machines

Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
INGERSOLL-RAND CO. ("Radialaxe," "Jackhamer" & "New Ingersoll" Entry Drivers), 11 B'way, New York
See adv index at end of book
JEFFREY MFG. CO. (Electric & Compressed Air), 961 N Fourth, Columbus, O. *See adv index at end of book*
Morgan-Gardner Electric Co. (Electric), 2640 Shields av, Chicago, Ill.
Prox Frank Co. (Electric), Terre Haute, Ind.
Sullivan Machinery Co. ("Sullivan") (Electric & Air), Peoples Gas bldg, Chicago, Ill.
Whitcomb Geo. D. Co., Rochelle, Ill.

8057—*Coal Cutting & Loading Machines

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Coal Punching Machines

See Coal Cutting Machines

8058—Coal Shearing & Undercutting Machines

INGERSOLL-RAND CO. ("Radialaxe"), 11 B'way, New York
See adv index at end of book

8059—Coal Washing Machinery

Deister Concentrator Co., Fort Wayne, Ind.
Elmore G. H., H, Colonial Trust bldg, Phila., Pa.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
LINK-BELT COMPANY ("Luhrig," "Stewart," "Faust," Process), 300 W 39th, Chicago, Ill.
See adv index at end of book
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Penn. Crusher Co. ("Penna. Bradford" Coal Cleaner), Stephen Girard bldg, Phila., Pa.
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Tamaqua Mfg. Co., Tamaqua, Pa.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

8060—Coal & Ore Handling Machinery

See also Conveyors, Coal

Alliance Machine Co., Alliance, O.
Anniston Electric Steel Corp., Anniston, Ala.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bergen Point Iron Wks, Bayonne, N. J.
Brown Hoisting Machinery Co. (Coal Storage, Coal Unloaders, Car Dumpers, etc.), 4403 St. Clair, N. E., Cleveland, O.
Browning Co. (Coal Unloaders, Car Dumps, etc.), E 162nd & Waterloo rd, N. E., Cleveland, O.
Chain Belt Co., Milwaukee, Wis.
Denver Engineering Works Co., Denver, Colo.
Duncan Foundry & Machine Works, Alton, Ill.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gifford-Wood Co., Hudson, N. Y.
Hayward Company, 30 Church, New York
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Helmick Fdry. & Mach. Co., Fairmont, W. Va.
Hoover & Mason, 80 E Jackson blvd, Chicago, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Howlett W. E. Construction Co. (Coal Handling only), Moline, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lakeside Bridge & Steel Co., N Milwaukee, Wis.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
LOCOMOTIVE CRANE CO., Bucyrus, Ohio
See adv index at end of book
McLanahan-Stone Mach. Co., Hollidaysburg, Pa.
McMyler-Interstate Co., Bedford, O.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Maine Electric Co., Portland, Me.
Marion Machine Foundry & Supply Co., Marion, Ind.
Mead-Morrison Mfg. Co. (Automatic), cor Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.
Robins Conveying Belt Co., 13 Ann, New York
Robinson Mfg. Co., Muncy, Pa.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Stephens-Adamson Mfg. Co., Aurora, Ill.
TOLEDO CRANE CO., Bucyrus, Ohio
See adv index at end of book
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works, Inc., Kansas City, Mo.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N. Kostner av, Chicago, Ill.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O.
See adv index at end of book

Coat & Hat Hook Machines (Automatic)

See Wire Forming Machinery

Coating Machines for Roofing

See Paper, Saturating, Coating & Water-Proofing Machines

8061—Coating Mill Machinery

Koegel Chas. & Sons, Holyoke, Mass.
Waldron Jno. Co., New Brunswick, N. J.

8062— Cockle Machines

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.

8063— Cocoa Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 216-224 B'way, New York *See adv index at end of book*
Angus Engineering Co., 87 Wall, New York
Lehmann J. M. Co., 101 Varick, New York
Natl. Equipt. Co., Springfield, Mass.
Premier Machinery Co., Oakland, Cal.

8064—Cocoa Plantation Machinery

Mason Marcus & Co., Inc., 201 Devonshire, Boston, Mass.

8065—Coffee Cooling, Stoning & Elevating Machinery

Huntley Mfg. Co., Silver Creek, N. Y.
Lambert Machine Co., Marshall, Mich.

8066—Coffee Grading Machines

Dickey A. P. Mfg. Co., Racine, Wis.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

8066a— *Coffee Machinery

Squier Geo. L. Mfg. Co., 490 B'way, Buffalo, N. Y.

8067—Coffee, Peanut & Cocoa Bean Roasting Machines

Bartholomew Co., Peoria, Ill.
Burns Jabez & Sons, 567 11th av, New York
Dunbar & Co. (Peanut & Pop Corn Roasters), 2652 W Lake, Chicago, Ill.
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Huntley Mfg. Co. ("Monitor" Coffee Roasters), Silver Creek, N. Y.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.
Lambert Machine Co., Marshall, Mich.
Lange Henry G., 162 N May, Chicago, Ill.
A. J. Deer Co., The, Hornell, N. Y.

8068—Coffee Polishing Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8069—Coffee Roasting Machines (Complete Plants)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
A. J. Deer Co., The, Hornell, N. Y.

8070—Coffee & Rice Cleaning Machinery

Bahmann Iron Works Co., Cincinnati, O.
Blymyer Iron Works Co., Cincinnati, O.
Dickey A. P. Mfg. Co., Racine, Wis.
Fraser Mfg. Co., 573 Henderson, Jersey City, N. J.
Howes S. Co. (Hulling & Grading), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Mason Marcus & Co., Inc., 201 Devonshire, Boston, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Salem Iron Works (Coffee Only), Winston-Salem, N. C.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

8071—Coffee & Rice Plantation Machinery

Angus Engineering Co., 87 Wall, New York
Bahmann Iron Works Co., Cincinnati, O.

The Wellman-Seaver-Morgan Co.

Engineers and Manufacturers

Factories:

Cleveland, Ohio Akron, Ohio

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American Trust Bldg.....Birmingham, Ala.

Partial List of W-S-M Products

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W-S-M Unloaders
Traveling Bridges with Grab Buckets
Car Dumpers
Car Haulages
Transfer Cars
Boat Loaders
Bucket Handling Cranes
Excavating Buckets
Weighing Larries

Special Cranes

Pontoon Cranes for Marine Work
Dock Cranes
Shipbuilding Cranes
Cranes for Concrete Handling
Special Purpose Cranes

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Horizontal or Vertical Units with Spiral Casings of Cast Steel, Cast Iron or Steel Plate
Also Vertical Units with Concrete Spiral Casings or Open Flumes
Equipped with Cast Steel, Cast Iron or Bronze Runners Designed for the Highest Efficiencies

Hoisting and Mining Machinery

Electric or Steam Hoisting Equipment
Cages and Skips
Revolving Car Tipples
Mine Car Loaders
Akron Chilian Mills
Headframes
Sheaves
Safety Detaching Hooks

Steel Works Equipment

Hughes Mechanical Gas Producers and Shut-off Valves
Open Hearth, Soaking Pit and Continuous Heating Furnaces
Metal Mixers
Air and Gas Reversing Valves
Charging Machines, Cars and Boxes
Gantry Cranes
Special Cranes for Heavy Work

Coke Oven Machinery

Coke Pushers
Coke Levelers
Door Extractors
Charging Larries
Coke Quenching and Handling Apparatus

Port and Terminal Equipment

Machinery for Loading and Unloading Ships, Handling Freight in Sheds and Fueling Ships

Rubber Machinery

Tire Applying Presses
Rubber Calenders
Mills, Refiners
Washers, Crackers
Tubing Machines
Fabric Dryers
Hydraulic Vulcanizing Presses
Hydraulic Hot Plate Presses
Rimming Presses
Plain and Engraved Molds
Cores
Hydraulic Pumps
Accumulators

THE WELLMAN-SEAVER-MORGAN COMPANY

CLEVELAND, OHIO

COFFEE & RICE PLANTATION MACHINERY—continued

Blymyer Iron Works Co., Cincinnati, O.
Engelberg Huller Co. (Hullers & Polishers), Syracuse, N. Y.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Mason Marcus & Co., Inc., 201 Devonshire, Boston, Mass.
Salem Iron Works (Coffee), Winston-Salem, N. C.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

8072-3—Coffee & Spice Mill Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Beach-Russ Co., 50G Church, New York *See adv index at end of book*
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

8074—Coiling Machines (Wire)

Baird Machine Co. (Automatic), Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
SLEEPER & HARTLEY (INC.), 335 Chandler, Worcester, Mass. *See adv index at end of book*

8075—Coin Counting Machines

Abbott Coin Counter Co., 106 6th av, New York
Automatic Appliance Co. (Automatic Counting & Packing), 172 Columbus av, Boston, Mass.
Brandt Cashier Co. ("Brandt" Automatic Cashier for Paying Change), 1132 S Wabash av, Chicago, Ill.
Cointex Co., The, St. Johns pl, Buffalo, N. Y.
Johnson Coin Counting Machine Co. ("Johnson"), 237 Lafayette av, New York

Coin Operating Machines

See Vending Machines.

8076—Coin Wrapping Machines

Automatic Coin Wrapping Machine Co. ("Batdorf"), 80 Greenwich, New York
Lamson Co., 100 Boylston, Boston, Mass.

8077— Coining Machines

Ferracute Machine Co., Bridgton, N. J.
Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Lourie Mfg. Co., The, Springfield, Ill. *See adv index at end of book*

Coke Crushing Machinery

See Crushers, Coal & Coke.

8078—Coke Drawing & Loading Machines

Covington Machine Co., Covington, Va.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

8078a—*Coke Handling Machinery

BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

8079— Coke Oven Machinery

Connellsville Mfg. & Mine Supply Co. (Rectangular), Connellsville, Pa.
Covington Machine Co., Covington, Va.
Marion Mach., Fdy. & Supply Co., Marion, Ind.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O. *See adv index at end of book*

8080—Cold Roll Pointing Machines (Automatic)

Morgan Construction Co., Worcester, Mass.

8081—Cold Rolling Machines

See also Mills, Cold Rolling

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Combination Engine Co., 3148 Penn av, Pittsburgh, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Yoder Co., Engineering bldg, Cleveland, O

8082—Cold-Saw Cutting-Off Machines

American Saw Works, Hackettstown, N. J.
Braun J. G., 609 S Paulina, Chicago, Ill.
Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.
Cochrane-Bly Co., Rochester, N. Y.
Earle Gear & Machine Co. ("Lea-Simplex"), Stenton & Wyoming aves, Phila., Pa.
Espen-Lucas Machine Works, Girard av, Phila., Pa.
Ham L. M. Co., 158 Portland, Boston, Mass.
Higley Machine Co., Croton Falls, N. Y.
Hub Machine Welding & Contracting Co. ("Acme"), 450 N 12th, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lea-Courtenay Co., 5 Main, Newark, N. J.
Mackintosh-Hemphill Co. (Horizontal, for Rolling Mills), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
Modern Machine Tool Co., Jackson, Mich.
Newton Machine Tool Works, 23rd & Vine, Phila., Pa.
Nutter & Barnes Co., Hinsdale, N. H.
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Joseph T. & Son ("Ryerson"-High Speed Friction), 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Tindel-Morris Co. ("Paragon" High Duty), Eddystone, Pa., & Ellwood City, Pa.
Union Tool Co. ("Hill" Automatic), Orange, Mass.
United Engineering & Foundry Co. (High Speed Heavy), Farmers Bk. bldg, Pittsburgh, Pa.
Wetherill R. & Co. (For Steel Foundries), Chester, Pa.

8083—Cold Saw Cutting-Off Machines (Multiple)

Newton Machine Tool Works, 23rd & Vine, Philadelphia, Pa.

8084—Cold Saw Sharpening Machines

Cochrane-Bly Co., Rochester, N. Y.
Higley Machine Co., Croton Falls, N. Y.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8085—Collapsible Tube Closing Machines

Colton Arthur Co., 2600H, E Jefferson, Detroit, Mich.
Standard Spec. & Tube Co., New Brighton, Pa.

8086—Collapsible Tube Filling Machines

Colton, Arthur Co., 2600H E Jefferson, Detroit, Mich.
Standard Spec. & Tube Co., New Brighton, Pa.

8087—Collar Folding Machines

Interstate Machinery Co., Troy, N. Y.
Sweet & Doyle Foundry & Machine Co., Green Island, N. Y.

8088—Collar Molding Machines

National Chemical Co. ("Prosperity"), Syracuse, N. Y.

8089—Collar Seam Dampening Machines

American Laundry Machinery Co., Cincinnati, O.
Chicago Laundry Machinery Co. ("Floran"), 213 W Grand, Chicago, Ill.
Interstate Machinery Co., Troy, N. Y.
National Chemical Co., Syracuse, N. Y.
Zeidler Wm. A. Co., 401 E 163d, New York

8090—Collar Shaping Machines

Chicago Laundry Machinery Co. ("Floran"), 213 W Grand, Chicago, Ill.
Interstate Machinery Co., Troy, N. Y.
Zeidler Wm. A. Co. ("20th Century"), 401 E 163d, New York.

8091—Collar & Cuff Laundry Machinery

Brown E. H. Mfg. Co., Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

8092—Comb & Hair Pin Machinery & Tools

Baird Machine Co. (Automatic, Hair Pin Machinery), Bridgeport, Conn.
Cook F. H. & Co. (Horn, Tortoise Shell, Celluloid or Rubber), Leominster, Mass.
Grimes & Harris (Horn), Leominster, Mass.
Union Engng Co. (Automatic Hair Pin), Hartford, Conn.

8093—Commutator Slotting Machines

Electric Service Supplies Co. ("Peerless"), 17th & Cambria, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Wood Chas. N. Co., 14 Federal, Boston, Mass.

8094—Compressed Yeast Machinery

Erhart Chris, 1237 W 6th, Cincinnati, O.

8095— Computing Machines

See also Adding Machines

Barrett Adding Machine Co. (Portable), Bulletin bldg, Phila., Pa.
Comptograph Co., 33 S La Salle, Chicago, Ill.
Computer Mfg. Co. (Engineering), 268 Market, San Francisco, Cal.
Econometer Co. (Price Computing), Pontiac bldg, St. Louis, Mo.
Felt & Tarrant Mfg. Co. ("Comptometer"), 1717 N. Paulina, Chicago, Ill.
Marchant Calcul. Machine Co., Oakland, Cal.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Underwood Computing Machine Co., 260 Gold, Brooklyn, N. Y.

Concentrating Machinery

See Concentrators

Concrete Brick Machines

See Cement Brick Machines

8096—Concrete Building Block Machinery

Anchor Concrete Stone Co., Rock Rapids, Ia.
Architectural Mold Co., Warren & Medrum avs, Detroit, Mich.
Besser Mfg. Co. ("Eureka"), Alpena, Mich.
Bragstad Concrete Machy. Co., Canton, S. Dak.
Cardington Cabinet Co. ("Diamond"), Cardington, O.
Cement Machy. Co. ("Monarch"), Jackson, Mich.
Colgan Machinery & Supply Co., Columbus, O.
Concrete Stone & Sand Co. ("Pautey," Wax Machines), Youngstown, O.
Dunn W. E. Mfg. Co., Holland, Mich.
Eclipse Machine Mfg. Co., Kendallville, Ind.
Enterprise Foundry Co. ("Perfection"), Rochester, N. Y.
Ferguson Synstone Co., Denver, Col.
Foote J. B. Foundry Co., Frederickstown, Ohio
Francis Machinery Co., St. Louis, Mo.
Hall, J. P., ft Henderson, 588 Central av, Jersey City, N. J.
Hayden Automatic Block Machine Co. ("Hayden"), Columbus, O.
Helm Brick Machine Co., Cadillac, Mich.
Ideal Concrete Machinery Co. ("Ideal"), 1346 Monmouth av, Cincinnati, O.
Lansing Co., Lansing, Mich.
McKenzie Mfg. Co., La Crosse, Wis.
Miles Co., Jackson, Mich.
Moore Plow & Implement Co., Greenville, Mich.
Multiplex Concrete Machinery Co. ("Multiplex," Hand Lever), Elmore, O.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Pettyjohn Co., Terre Haute, Ind.
Quinn Wire & Iron Works, Boone, Ia.
Reed Mfg. Co., Springfield, O.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Republic Iron Wks., Tecumseh, Mich.
Rowell D. G. ("Samson"), Appleton, Wis.
Sanford Concrete Machinery Co., Toledo, Ohio
Somers Bros. Mfg. Co., Urbana, Ill.
Steward Mfg. Co., Waterloo, Ia.
Van Guilder Double Wall Co., Wagner bldg, Rochester, N. Y.
Waterloo Cement Machy. Corp., Waterloo, Ia.
Willsea Works ("Hercules"), Dept. H, Rochester, N. Y.
Youngstown Engineering Co., Youngstown, O.
Zagelmeyer Cast Stone Block Machy. Co. (Zagelmeyer System), Bay City, Mich.

Concrete Pipe Machinery

See Cement Sewer Pipe Machinery

Concrete Post Machines

See Cement Post Machinery

Concrete Roofing Tile Machinery

See Cement Shingle Machinery

8097—Concrete Structural Tile Machines

Concrete Stone & Sand Co. ("Pauly," for Partitions, etc), Youngstown, O.
Eberling Mchy. Co., 1319 Williamson bldg, Cleveland, O.
Kramer Automatic Tamper Co., Peoria, Ill.

8098—Condensed Milk Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

8099—Condensed Milk Machinery

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Climax Machinery Co. Indianapolis, Ind.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill. *See adv index at end of book*
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Oat Jos. & Sons, 230 Quarry, Phila., Pa.
Premier Machinery Co., Oakland, Cal. *See adv index at end of book*
Stickney Henry R. (Can Filling & Syruping, etc), Portland, Me.

8100—Conductor Pipe & Eave Trough Machinery

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8101-2—Conduit Machinery

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

8103—Conduit Threading Machines

Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.

8104—Confectioners' Machinery

See also Dough Mixing & Kneading Machinery, etc

Alexander & Cox Co., 23588 Ogden, Chicago, Ill.
Anderson J. P. & Co. (Mixing Machines, Cutters, Graters, Rools, etc), 422 N 6th, Phila., Pa.
Barbour, Stockwell Co., Cambridgeport, Mass.
Buhr, Pfaff & Co. ("Heilman" Candy Rolling Machines, etc), 2d & Race, Cincinnati, O.
Collum Mfg. Co. (Candy & Cream Coolers, Cutters, etc), Hartford, Conn.
Connecticut Chain Co. (Cutters, Coolers, Batch Warners), 236 Middle, Bridgeport, Conn.
Dellenbarger C. E., 1949 Fulton, Chicago, Ill.
Erny Henry, 75 Fulton, New York
Furman-Fisher Corp., 32 Church, New York
Getz M. & Co., 162 1st, San Francisco, Cal.
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hildreth Herbert L. Co. (Candy Pulling Machines, etc), 67 Batterymarch Boston, Mass.
Igon Mfg. Co., Springfield, O.
Knott E. R. Machine Co., 32 Dorchester, Boston, Mass.
Lange Henry G., 172 N May, Chicago, Ill.
Long W. Z. Co. (Crispette Machines), Springfield, O.
Mills Thos. & Bro. (Mixers, Cutters, Freezers, etc), 8th & Thompson, Phila., Pa.
National Equipment Co., Springfield, Mass.
Premier Machinery Co., Oakland, Cal.
Racine Confectioners' Machinery Co. (Chocolate Mixers, Syrup Coolers, Cream Beaters, etc.), Racine, Wis.
Rittenhouse Frank (Nougat Cutting Machines, etc), Norristown, Pa.
Savage Bros. Co. (Mixers, Chewing Gum Machines, Revolving Pans, etc), 2638 Gladys av, Chicago, Ill.
Schaefer, E, 1320-22 N 5th, Phila., Pa.
Thomson Machine Co. (Bakers'), Belleville, N. J.
Werner John & Sons (Labor Saving Confectionery Machines), Rochester, N. Y.

Conveying Machinery

See Conveyors of Various Kinds

8105—Cooling Machines (Vegetable Canneries)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Cooperage Machinery

See Barrel, Keg, Stave & Heading Machinery

8106— Coping Machines

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Dick A. B. Co., 736 W Jackson blvd, Chicago, Ill.
Ham L. M. Co. ("Ham's"), 158 Portland, Boston, Mass.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros., Engineering Works, 1300 N, Kostner av, Chicago, Ill.
Long & Allstatter Co. (Beam Coping, etc), Hamilton, O.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
PITTSBURGH - DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Rock River Machine Co. ("Badger"), Janesville, Wis.
Williams, White & Co. (Coping & Punching Machines), Moline, Ill.

8107—Copper Converting Machinery

Alliance Machine Co., Alliance, O.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.

8108—Copper Working Machinery

Portage Lake Foundry & Machine Co., Hancock, Mich.

Cord Wood Sawing & Splitting Machines

See Kindling Wood Machinery

8109— Cordage Machinery

Brownell G. L., Worcester, Mass.
Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.
Kelly R. A. Co., Zenia, O.
Lockwood Mfg. Co., 65 Sumner, East Boston, Mass.
Watson Bros. Machine Co., Bound Brook, N. J.

8110— Core Box Machines

Oliver Machinery Co., Grand Rapids, Mich.
Portland Co. ("Thomas"), Portland, Me.
Rochester Barrel Machine Works, Rochester, N. Y.

8111—Core Cutting Machines

Am. Fdry. Equipment Co., 366 Madison av, New York
Lewis Machine Co. (Wire), 6303 Central, Cleveland, O.
Wadsworth Core Mach. & Equip. Co., 10 W Buchtel, Akron, O.

8112—Core Jarring Machines

Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.

8113-4-5—Core Making Machines

Am. Fdry. Equipment Co. ("Hammer"), 366 Madison av, New York
Arcade Mfg. Co., ("Arcade" Roll Over), Freeport, Ill.
Demmler Wm. & Bro. ("Hewlett"), Kewanee, Ill.
International Molding Machine Co. ("International"), 2614 W 16th, Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Midland Machine Co. ("Grimes" Jolt Ramming), 1218 Hastings, Detroit, Mich.
Wadsworth Core Machine & Equipment Co., 10 W Buchtel, Akron, O.

8116—Core Tapering Machines

Am. Fdry. Equipment Co., 366 Madison av, New York
Wadsworth Core Machine & Equipment Co., 10 W Buchtel, Akron, O.

8117—Core Testing Machines

Wadsworth Core Machine & Equipment Co., 10 W Buchtel, Akron, O.

8118—*Cork Compound Mixing Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

8119—Cork Cutting Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Barber M. A., Norwich, Conn.

8120— Cork Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Lester & Wasley Co., Norwich, Conn.

Corking Machines

See Bottle Corking Machines.

8121—Corking Machines (Preservers')

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

8122—Corn Cutting Machines

Morral Bros., Morral, O.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Voss Bros. Mfg. Co. ("Little Giant"), Davenport, Ia.

8123—Corn Husking Machines

Huntley Mfg. Co. ("Monitor" for Green Corn), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.
Morral Bros., Morral, O.
Peerless Husker Co. ("Peerless"), 523 Cornwall, Buffalo, N. Y.
Premier Machinery Co., Oakland, Cal.

8124— Corn Mill Machinery

Beall Improvement Co., Inc., Decatur, Ill.
Blymyer Iron Works Co. (Cleaners, Shellers, Crushers, etc), Cincinnati, O.
French Oil Mill Machinery Co., Piqua, O.
HOWES S. CO., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, Cracked Corn Separators & Graders, Corn Meal Bolters & Refiners), Silver Creek, N. Y.
Invincible Grain Cleaner Co. (Scourers & Separators), Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Premier Machinery Co., Oakland, Cal.
ROBINSON MFG. CO., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., 445 Guilford av, Baltimore, Md.
Wolf Co., Chambersburg, Pa.

8125—Corn Mixing Machines

Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8126— Corn Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E, Cary, Richmond, Va.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
French Oil Mill Machinery Co., Piqua, O.
Platt Iron Works Co., Dayton, O.
Premier Machinery Co., Oakland, Cal.

Corn Shelling Machines

See Shellers, Corn

8127—Corn Silking Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Morral Bros., Morral, O.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8128—*Cornice Makers' Machinery

See also Sheet Metal Workers' Machines & Tools; also Cornice Brakes

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8129—Corporation Cock Inserting Machines

Hays Mfg. Co., Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Smith A. P. Mfg. Co. ("Shelley," for Water Works), East Orange, N. J.

8130—Corrugated Joint Fastener Driving Machines

Morgan Machine Co., Rochester, N. Y.
Saranac Machine Co. ("Saranac"), Benton Harbor, Mich.

8131—Corrugated Paper Machinery

Paper Working Machine Co., Ave. U, Brooklyn, N. Y.
Potdevin Machine Co., 1221 38th, Brooklyn, N. Y.

Corrugated Paper Printing Machines

See Box Board Printing Machines

8132— Corrugating Machines

See also Sheet Metal Workers' Machines & Tools

Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Poorman O. O. Co. (Roll), New Bremen, O.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Topeka Foundry & Iron Wks., Topeka, Kan.

8133— Corset Machinery

Adams A. L., Bridgeport, Conn.
Nilson A. H. Machine Co. (Automatic Eye Feeders, Stud Rivetting & Corset Steel Covering), Bridgeport, Conn.

8134— Cotter Pin Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.

8135—Cotton Cleaning Machines

American Machine & Mfg. Co., Atlanta, Ga.
Dickerson Cotton Cleaner Co., Ft. Worth, Tex.
Saco-Lowell Shops (For Cleaning & Preparing Cotton For Medical Purposes), Boston, Mass.
Terrel Machine Co. ("Termaco," "Utsman" & "Keanol" Bobbin & Quill), 1200H N Church, Charlotte, N. C.

8136—Cotton Ginning Machinery

Adams W. T. Machine Co. (Handles), Corinth, Miss.
Alsop Process Co. ("Alsop" Boll Extractor), St. Louis, Mo.
Avery B. F. & Sons (Handles), Louisville, Ky.
Brown Cotton Gin Co., New London, Conn.
Carver Cotton Gin Co., East Bridgewater, Mass.
Centennial Cotton Gin Co., Columbus, Ga.
Continental Gin Co. ("Munger," "Eagle," "Pratt"), Birmingham, Ala.
Gantt Mfg. Co., Macon, Ga.
Gullett Gin Co., Amite City, La.
Houston Car Wheel & Machine Co., Houston, Tex.
Kelly G. A. Plow Co. (Handles), Longview, Tex.
Liddell Co., Charlotte, N. C.
Lummus Machinery Co., Spartanburg, S. C.
Massey Gin & Machine Works, Macon, Ga.
Murray Co., Dallas, Tex.

Cotton Machinery

See Textile Machinery, etc. For page number consult Index of Contents.

8137—Cottonseed Oil Machinery

American Machine & Mfg. Co., Atlanta, Ga.
Atlanta Utility Works, Atlanta, Ga.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Bauer Bros. Co. (Disc Hullers, Cake Breakers, Attrition Mills, Crushers, Separators, Shakers & Cleaners), Bauer bldg, Springfield, O.
Brown Cotton Gin Co., New London, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Carver Cotton Gin Co., East Bridgewater, Mass.
Columbus Machine & Foundry Co., Columbus, O.
Continental Gin Co. (Linter Feeders, Condensers, Presses, etc), Birmingham, Ala.
French Oil Mill Machinery Co., Piqua, O.
Houston Car Wheel & Machine Co., Houston, Tex.
Lombard Iron Works & Supply Co., Augusta, Ga.
Murray Co., Dallas, Texas
Platt Iron Works Co., Dayton, O.
Premier Machinery Co., Oakland, Cal.
Robinson Mfg. Co., Muncy, Pa.
Sprout Waldron & Co., Muncy, Pa.

8138—Cotton Picking Machines

Price-Campbell Cotton Picker Corp., 15 Wall, New York
Vacuum Cotton Picking Mach. Co., St. Louis, Mo.

8139— Cotton Tie Machines

Columbus Truck & Supply Mfg. Co. (Also Cleaning), Columbus, Ga.
Lombard Iron Works & Supply Co., Augusta, Ga.
West Point Iron Works, West Point, Ga.

8140—Cotton Waste Reclaiming Machines

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

8141— Counting Machines

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Computing Scale Co., Dayton, O.
Durant Mfg. Co. ("The Productimeter"), 655 Buffum, Milwaukee, Wis.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Grant Mfg. & Machine Co., Bridgeport, Conn.
Premier Machinery Co., Oakland, Cal.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.
Root Chas. J. ("Elm City," "Bristol," "Roco"), Bristol, Conn.
Sheppard J. E. Co. ("Peerless"), Worcester, Mass.
Veeder Mfg. Co. (Automatic), Hartford, Conn.

8142—Coupling Bending Machines

Pipe Machinery Co. (Pipe Mill), 930 E 70th, Cleveland, O.
United Engineering & Foundry Co. (For Rolling Mills), Farmers' Bk. bldg, Pittsburgh, Pa.

8143—Coupling Expanding Machines

Larkin Mfg. Co. ("Buckley" Hydraulic), Dayton, O.
United Engineering & Foundry Co., Farmers' Bk. bldg, Pittsburgh, Pa.

8144—Coupling Rolling Machines

United Engineering & Foundry Co., Farmers' Bk. bldg, Pittsburgh, Pa.

8145—Coupling Screwing Machines

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8146—Coupling & Pulley Forcing Machines

Woonsocket Machine & Press Co., Woonsocket, R. I.

8147—Cow Milking Machines

Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.
Empire Cream Separator Co., Bloomfield, N. J.
Groff F. A. & Son, St. Johnsville, N. Y.
Hinman Milking Machine Co., Oneida, N. Y.
Mehring Wm. M., Keymar, Md.
Mullins Mfg. Co., Brillion, Wis.
Perfection Mfg. Co., 2119 E, Hennepin, Minneapolis, Minn.
Premier Machinery Co., Oakland, Cal.
Sharples Milker Co. ("Sharples"), Dept. H, West Chester, Pa.
Sharples Separator Co., West Chester, Pa.
Starch Bros. Co. ("Victory"), La Crosse, Wis.
Success Milking Machine Co., 1033 Winnetge, Milwaukee, Wis.
Universal Milking Machine Co., 18 W Mound, Columbus, O.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.

8148—*Cracker & Biscuit Box Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8149—Cracker & Biscuit Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Bakers Joseph, Ltd. (Imp.), 233 B'way New York
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Champion Machinery Co., Joliet, Ill.
Day J. H. Co., Cincinnati, O.
Green Thos. L. & Co., Indianapolis, Ind.
Peters Machinery Co., 209 So. La Salle, Chicago, Ill.
Rockwell L. A. Co. ("Excelsior" Biscuit), 430 Smith, Brooklyn, N. Y.

8150—Cranberry Assorting Machines

Trenton Pattern Works, Trenton, N. J.

8151—Crank Pin Turning Machines

Niles-Bement-Pond Co., 111 B'way, New York
Pedrick Tool & Mach. Co., 3640 N Lawrence, Phila., Pa.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Street R. R. & Co., Inc., 549 Washington blvd, Chicago, Ill.
Tindel, Morris Co. (Lathes), Eddystone, Pa.
Underwood H. B. Corp. (Portable), 1025 Hamilton, Phila., Pa.
Wickes Bros., Saginaw, Mich.

8152—Crank Shaft Cold Saw Cutting Off Machines

Newton Machine Tool Works (Inserted Tooth Saw Blade), 23d & Vine, Phila., Pa.

8153— Crate Machinery

Chase Turbine Mfg. Co., Orange, Mass.
Saranac Machine Co., Benton Harbor, Mich.
Wheland Company, Chattanooga, Tenn.

8154—Crate Slat Cutting Machines

Trevor Mfg. Co., Lockport, N. Y.

8154a— Crayon Machinery

Huber Machy. Co., 261 46th, B'klyn, N. Y.

8155— Creamery Machinery

See also Separators, Cream

Advance Dairy Machy Co., Canton, Ohio
Burrell D. H. & Co., Little Falls, N. Y.
Chapman C. L. Cream Separator Works, Erie, Pa.
Clinton Mfg. Co., Clinton, Wis.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Cons. Co., Derby, Conn.
Dobson Mfg. Co., Rockford, Ill.
Gehl M. C. Co., 3002 Meinecke av, Milwaukee, Wis.
Jensen Creamery Machinery Co., Blvd & 13th, Long Island City, N. Y.
Manning Mfg. Co., Dept. H, Rutland, Vt.
National Dairy Machine Co., Goshen, Ind.
Oakes & Burger Co., Cattaraugus, N. Y.
Peters Machinery Co., 209 S, La Salle, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
Rice & Adams, Buffalo, N. Y.
Sharples Milker Co. ("Babcock" Milk Tester & "Sharples" Milking Machines), Dept. H, West Chester, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

8156—Creasing Machines (Paper, Cloth & Strawboard)

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8157—*Crimping Machines for Tops on Tooth Powder Boxes

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Ryerson Joseph H. & Son (Crimping), 2558 W 16th, Chicago, Ill. *See adv index at end of book*

8158—Crimping Machines (Varnish Can Nozzle)

Consolidated Fruit Jar Co., New Brunswick, N. J.

8159—Crimping & Beading Machines

See also Sheet Metal Workers' Machine & Tools

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill. *See adv index at end of book*
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Busch J. C. Co. (Hand), 140 Ferry, Milwaukee, Wis.
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
Ferracute Machine Co., Bridgton, N. J.
Kardong Bros., Minneapolis, Minn.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Metal Package Corp. of N. Y. ("Rudolphi" & "Krummel"), 509 5th av, New York *See adv index at end of book*
Metz & Bowles (Beading), Clinton, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Packham Crimper Co. ("Packham" Stove & Conductor Pipe Crimpers), Mechanicsburg, Ohio
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Ryerson Jos. T. & Son (Crimping), 910 Corn Exchange bldg & 16th & Rockwell, Chicago, Ill. *See adv index at end of book*
Slaysman & Co. (Canmakers'), 801 E Pratt, Baltimore, Md.
Swaine Fred J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wheeler W. A. "Lightning" Crimper), Indianapolis, Ind.
Wold, Torris & Co. (For Can Makers), 240 N Ashland av, Chicago, Ill.

8159a—Crinkled Paper Machinery

Paper Working Mach. Co., Av U, Brooklyn, N. Y.

8160—Cross Cut Bolting Saw Machines

Rochester Barrel Machine Works, Rochester, N. Y.

Cross Cut Sawing Machines

See Drag Sawing Machines

Cross Tie Machines

See Railroad Cross Tie Machines

8161—*Crucible Paste Mixing Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Crossley Machine Co., State & Chestnut av, Trenton, N. J.

8162— Cupel Machines

Braun Corporation ("Braun" Produce Homogeneous Cupels), 363 New High, Los Angeles, Cal.
Braun-Kuecht-Heinmann Co. ("Braun"), 576-584 Mission, San Francisco, Cal.
Calkins Co. ("Advance"), Los Angeles, Cal.
Denver Fire Clay Co. ("Iler"), Denver, Colo.
Iler Co., 6605 St. Clair, Cleveland, Ohio

8163—Curled Hair Machinery

Hood R. H. Co., 1842 Germantown av, Phila., Pa.

8164—Curtain Pole Machines

Heath W. A. Machine Co., Lestershire, N. Y.
Smith H. B. Machine Co., Smithville, N. J.

8165—Curtain Pole Sanding & Finishing Machines

Pringle & Brodie, 514 S Canal, Chicago, Ill.

8166—Cutlery Polishing Machines

Dilg Mfg. & Trading Co. ("Acme," "Defiance" Renovator & Polisher), 27 E 125th, New York

8167—Cutting Machines (for Fabrics)

American Electric Cutting Mach. Co., 410 E 32d, New York
Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Hurlbut-Rogers Machinery Co., S Sudbury, Mass.
Maimin H. Co., 251 W 19th, New York
Universal Cutter Co., 4567 Scott av, St. Louis, Mo.
U. S. Cloth Cutting Mach. Co., 414 W Broadway, New York
Wolf Elec'l Promoting Co., 5th & Sycamore, Cincinnati, O.
Wildman Mfg. Co., Norristown, Pa.

8167a—Cutting Metal High Speed Machines

PEERLESS MACHINE CO., 1619 Racine, Wis.

Cutting-Off Machines (Cold Metal)

See Metal Cutting-Off Machines; also Cold Saw Cutting-Off Machines

Cutting-Off Machines (Wood)

See Wood Cutting-Off Machines

8168-9—Cutting-Off and Centering Machines

Etna Machine Co. ("Holton" for Gas Pipe, Small Bars, etc), Toledo, O.

Cyanide Machinery

See Cyanide Plants

8170-1— Dado Machines

Amer. Woodwkg. Machy. Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Hall & Brown Woodworking Machine Co. (Combination Saw & Dado Machines), 1929-33 N B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior" Combination Saw & Dado Machine),
Force W. A. & Co., 535 Pearl, New York
1264 W North av, Chicago, Ill.
New Britain Machine Co. ("New Britain," Window Frame), 190 Chestnut, New Britain, Conn.

Dairy Machinery

See Creamery Machinery

8172— Dating Machines

American Perforator Co. ("American" Perforator), 621 W Jackson blvd, Chicago, Ill.
American Railway Supply Co., 134 Charles, New York
Cummins Perforator Co. (Label), 4740 W Ravenswood av, Chicago, Ill.
Force W. A. & Co., 535 Pearl, New York
Premier Machinery Co., Oakland, Cal.
R. & S. Engraving & Die Wks., 625 W. Jackson blvd, Chicago, Ill. *See adv index at end of book*
Roberts Numbering Mach. Co. ("Bates" Automatic), 706 Jamaica av, Brooklyn, N. Y.
Swisher R. D. Mfg. Co., 415H S Clinton, Chicago, Ill.
Traut & Hine Mfg. Co. ("Climax"), New Britain, Conn.

8173—Diamond Drilling Machines

Lake Shore Engine Works, Marquette, Mich.

8174— Dictating Machines

Columbia Graphophone Co. ("Dictaphone"), 233 B'way, New York
Edison Thomas A., Orange, N. J.
Pruit Co. (Dirs.), 112 G. No. La Salle, Chicago, Ill. *See adv index at end of book*

8175— Die Casting Machines

Henry & Wright Mfg. Co. ("Wright"), 700 Windsor, Hartford, Conn. *See adv index at end of book*
Indiana Die Casting Development Co (Stationary), Indianapolis, Ind.
Morris Engineering Co. of N. Y., 39 Cortlandt, New York
Soss Mfg. Co., Grand av, Brooklyn, N. Y.

8176—Die Chamfering Machines

Hartford Machine Screw Co., Hartford Conn.

8177—Die Cutting Machines

Garvin Machine Co., 147 Varick, New York
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.

8177a—*Die Forming Machines

Anderson Die Machine Co. ("Anderson") 544 Iranistan av, Bridgeport, Conn.

8177b—Die Muzzling Machines

Anderson Die Machine Co. ("Anderson" For Relieving Threading Dies), Bridgeport, Conn.
Clark-Mesker Co., 18511 Euclid av, Cleveland, Ohio.

8178—Die Plate Hammering Machines

Bates Machine Co., Joliet, Ill.
BUFFALO FOUNDRY & MACHINE CO. 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

8179—Die Sharpening Machines

BECKER MILLING MACHINE CO ("Becker"), Hyde Park, Mass.
National Machinery Co., Tiffin, O.

8180— Die Sinking Machines

Becker Milling Machine Co., Hyde Park Mass.
Clark-Mesker Co., 18511 Euclid av, Cleveland, Ohio.
Jackson Machine Tool Co., Jackson, Mich
Newton Mach. Tool Works, 23d & Vine, Phila., Pa.
Perkins Henry Co. (Die Making), Bridgewater, Mass.
Pratt & Whitney Co., Hartford, Conn.
Royle Jno. & Sons (Routers), Paterson, N. J.

8181—Die Sinking & Milling Machines (Combined)

Newton Mach. Tool Works, 23d & Vine, Phila., Pa.
Simmons Machine Co., Inc., 937 Broadway, Albany, N. Y.

8182-3—Die Slotting & Shaping Machines

Cochrane-Bly Co., Rochester, N. Y.

Digging Machinery

See Ditching Machines; also Shovels, Steam

Digging Machinery (Canal)

See Shovels, Steam

Disc Notching Machines (Armature)

See Armature Disc Notching Machines

8184—Disc Sanding Machines

Jones Superior Mach. Co., 1264 W North av, Chicago, Ill.
Oliver Machinery Co., Grand Rapids, Mich.

8185—Dish Washing Machines

Blakslee G. S. & Co., W 19th & S 52d av Chicago, Ill.
Bromley-Merseles Mfg. Co. ("Garis Cochrane," "Crescent"), 1328 B'way New York
Campbell Wm. Co., 160 Merritt, Detroit, Mich.
Clifton Specialty Co., Inc. (Family), 84 W Mohawk, N. Y.
Crystal Washing Machine Co., 1118 Gratiot, Detroit, Mich.
Diamond Dishwasher Co. (Domestic), Boatmen's Bank bldg, St. Louis, Mo.
Domestic Utilities Co., Newark, N. J.
Dunn Mfg. Co., 180 N Dearborn, Chicago, Ill.
Fearless Dish Washer Co., Rochester, N. Y.
Hamilton-Low Co. ("Champion," "Vortex"), 62 Van Winkle av, Jersey City, N. J.
Hershey & Sexton Co., 1221 Filbert, Philadelphia, Pa.
Indianapolis Corrugating Co. ("Peerless" Power), 120 S Dover, Indianapolis, Ind.
Insinger Co., Stenton av, Phila., Pa.
Mermaid Dish Washer Co. ("Mermaid"), Dept. H, Middletown, Conn.
Metropolitan Engrg. Co., 1250 Atlantic av, Brooklyn, N. Y.
National Dish Water Co. ("Little Giant"), Binghamton, N. Y.
Street F. G. & Co. ("Victor Haustetter" Electric), Greenwood av & Lewis, Trenton, N. J.
Success Dish Washing Machine Co., Wooster, O
Walker Bros. Co., Syracuse, N. Y.
Western Elec. Co., 463 West, New York
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

8186—Disinfecting Machinery

American Sterlizer Co., Erie., Pa.
Kny-Scheerer Co., 404 W 27th, New York
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Vogel Wm. & Bros. (Automatic Drip), 37 S 9th, Brooklyn, N. Y.

8186a— Dissolving Machines

Lummus Walter E. Co. (For Caustic Soda & Similar Lump Chemicals), 171 Milk, Boston, Mass.

8187— Distillers' Machinery

Caldwell W. E. Co., Louisville, Ky.
Grainger & Co., Louisvville, Ky.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Simpson-Orville Co., Cincinnati, O.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

8188— Ditching Machines

See also Road Machines & Graders; also Road Scrapers, Drag & Wheel; also Shovels, Steam; also Ditching Machines, Traction
American Road Machinery Co., Kennett sq., Pa.
Austin Machinery Corporation, Inc., Ry Exch. bldg, Chicago, Ill.
Bay City Dredge Works, Bay City, Mich.
Buckeye Traction Ditcher Co. (Traction), Findlay, O.
Edwards C. D., Albert Lea, Minn.
Enterprise Co., Columbiana, O.
Good Roads Machinery Co., Kennett Square, Pa.
International Ditching & Road Machinery Co., Owensboro, Ky.
Jeschke Edw., Bellevue, O.
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Little Giant Co. ("Little Giant"), Mankato, Minn.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Osgood Co., Marion, Ohio
Owensboro Ditcher & Grader, Owensboro, Ky.
Parsons Co., Newton, Ia.
Russell Grader Mfg. Co. ("Russell" Grader & Ditcher), 2005 Univ. av, S E, Minneapolis, Minn.
Sargent Tile Ditcher Co. ("Sargent" Tile Ditcher), Ft. Dodge, Ia.
Simplex Farm Ditcher Co. ("Simplex"), Owensboro, Ky.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Smith & Sons Mfg. Co., Kansas City Mo.
Umstead Power Ditcher, Upper Sandusky, Ohio
United Iron Works, Inc. ("Bowman" "Turner Drg Line"), Kansas Ciay, Mo.
Wickes Bros., Saginaw, Mich.

8189—Ditching Machines (Railroad)

See also Ditching Machines; also Shovels Steam
American Hoist & Derrick Co. ("American"), St. Paul, Minn.
Austin Mfg. Co., 910 S Mich. av, Chicago, Ill.
Buckeye Traction Ditcher Co. ("Buckeye" Traction Ditcher), Findlay, O.
Gade, C. L., Iowa Falls, Ia.
Mahoney Railroad Ditching Machine Co., Vincennes, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons G. W Co., Newton, Pa.
United Iron Works, Inc. ("Bowman"), Kansas City, Mo.
Western Wheeled Scraper Co., Aurora, Ill.

8190—Ditching Machines (Tile)

Austin Machinery Corporation, Inc., Ry. Exch. bldg, Chicago, Ill.
Bennet H. L. & Co. ("Bennet"), Westerville, O.
Buckeye Traction Ditcher Co. ("Buckeye" Gasoline & Traction), Findlay, O.
Gade, C. L., Iowa Falls, Ia.
Jeschke Edw. ("Cyclone"), Bellevue, O.
St. Paul Machinery Mfg. Co. ("Hovland"), Como & Marion, St. Paul, Minn.

8191—Ditching Machines (Traction)

See also Ditching Machines
Buckeye Traction Ditcher Co., Findlay, O.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons Co., Newton, Ia.

8192—Double Seam & False Wire Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Weld, Torris & Co. (For Can Makers), 240 N Ashland av, Chicago, Ill.

8193— Double Seaming Machines

Adriance Machine Works (Automatic), 80 Richard, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Dept.), "Rudolphi & Krummel," for Tin & Sheet Metal Work), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Ams Max Machine Co. (For Round & Square Cans), Bridgeport, Conn.
BLISS E. W. Co. (Sheet Metal), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

DOUBLE SEAMING MACHINES—cont.

Metal Package Corp. of N .Y. ("Rudolphi" & "Krummel" for Tin & Sheet Metal Work), 509 5th av, New York *See adv index at end of book*

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

Peck, Stow & Wilcox Co., Southington, Conn.

Premier Machinery Co., Oakland, Cal.

Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.

Swaine Fred. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Toledo Machine & Tool Co., Toledo, O.

Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

8194—Dough Braking Machines

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

Champion Machinery Co. (Automatic), Joliet, Ill.

Rockwell L. A. Co. (Upright & Reversible), 430 Smith, Brooklyn, N. Y.

8195— Dough Dividing Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

Champion Machinery Co. ("Champion"), Joliet, Ill.

Day J. H. Co., Cincinnati, O.

Dutchess Tool Co. "Van Houten" Automatic), Fishkill on Hudson, N. Y.

Katzinger Edw. Co. ("Ekco" Automatic), 122 N Peoria, Chicago, Ill.

Triumph Mfg. Co. ("Triumph"), Cincinnati, O.

Zoeller Wm. Co. ("36 Part"), 325 N Curtis, Chicago, Ill.

8196—Dough Mixing & Kneading Machinery

See also Mixers, Bread

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.

American Oven & Machine Co. ("New Era"), 111 W Wash., Chicago, Ill.

Baker's Sons J. & Perkins Co., Inc. ("Monarch," "Peerless," 78 Different Classes & Types), White Plains, N. Y.

Champion Machinery Co., Joliet, Ill.

Christiana Machine Co., Christiana, Pa.

Day J. H. Co., Cincinnati, O.

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

Jaburg Bros, 10 Leonard, New York

Oelman Machine Co., 224 St. Antonie, Detroit ,Mich.

Peerless Bread Machine Co., Sidney, Ohio.

Read Machinery Co. ("Three-Speed"), York, Pa.

Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.

Triumph Mfg. Co. ("Triumph"), Cincinnati, O.

8197— Dough Molding Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

Day J. H. Co., Cincinnati, O.

Peerless Bread Machine Co., Sidney, Ohio.

Thomson Machine Co. ("Thomson," Combination Roll), Belleville, N. J.

Triumph Mfg. Co., Cincinnati, O.

8198—Dovetail Glue Matching Machines

Linderman Steel & Machine Co., Muskegon, Mich.

8199— Dovetail Machines

American Steam Pump Co. ("Boult's"), Battle Creek, Mich.

Dodds Alex. Co. (Gang), Grand Rapids, Mich.

Fay J. A. & Egan Co., Cincinnati, O.

Fischer Machine Works (Single), 1845 Carroll av, Chicago, Ill.

Goodspeed Machine Co. ("Stimpson's"), Winchendon, Mass.

Linderman Steel & Machine Co., Muskegon, Mich.

St. Paul Machinery Mfg. Co., Como & Marion, St. Paul, Minn.

Wysong & Miles Co., Greensboro, N. C.

8200—Dowel Cutting & Pointing Machines

Dauber Bell Machine Co., Oshkosh, Wis.

8201—Dowel Door Machinery

Hayes E. B. Machy. Corp., Oshkosh, Wis.

Wilkin-Challoner Co., Oshkosh, Wis.

8202—Dowel Driving Machines

Dauber Bell Machine Co., Oshkosh, Wis.

Dowel Machines

See Rod, Pin & Dowel Machinery

8203— Dowelling Machines

Goodell-Pratt Co., Greenfield, Mass.

8204— Drafting Machines

Defiance Mfg. Co., 22 E 41st, New York

Universcal Drafting Machine Co., 1426 W 3d, Cleveland, Ohio.

8205—Drag Sawing Machines

Appleton Mfg. Co. ("Hero"), Batavia, Ill.

Atkins E. C. & Co., Indianapolis, Ind.

Challoner Co., Oshkosh, Wis.

Cocker Saw Mfg. Co., Lockport, N. Y.

Farquhar A. B. Co. (Ltd.), York, Pa.

Heebner & Sons (Horse Power), Lansdale, Pa.

Henderson W. K. Iron Works & Supply Co., Shreveport, La.

Howell R. R. & Co., 31st av, Minneapolis, Minn.

Ireland Machine & Foundry Co., Norwich, N. Y.

Kline Lewis T., Alpena, Mich.

Oliver Machinery Co., Grand Rapids, Mich.

Rochester Barrel Mach. Wks., Rochester, N. Y.

Simonds Mfg. Co., Fitchburg, Mass. *See adv index at end of book*

Success Seed Grader Co., Spokane, Wash.

Taylor Iron Works & Supply Co., Macon, Ga.

Wade R. M. & Co. (Gasoline, 4 H. P.), 322 Hawthorne av, Portland, Ore.

Worden W. H. Co., 126 Pine, San Francisco, Cal.

8206— Drain Tile Machinery

See also Cement Sewer Pipe Machinery

Arnold-Creager Co., New London, O.

Bonnot Co., Canton, O.

Brazil Machine & Foundry Co., Brazil, Ind.

Brewer H. & Co., Tecumseh, Mich.

Cardington Cabinet Co. (Hand), Cardington, O.

Fate-Root-Heath Co., Plymouth, O.

Freese E. M. & Co., Gallon, O.

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

International Clay Machy. Co., Dayton, O.

Quinn Wire & Iron Works, Boone, Ia.

Sioux City Engine & Machy. Co. ("McCracken"), Sioux City, Ia.

Wallace Mfg. Co., Frankfort, Ind.

Willsea Works, Dept. H, Rochester, N. Y.

8207-8—Draw Bridge Machinery

See also Bridge Machinery for Bascule Bridges

Currier Cyrus & Sons, 365 Market, Newark, N. J.

Earle Gear & Machine Co., Phila., Pa.

Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.

Fawcus Machine Co., 2818-2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*

McMyler-Interstate Co., Bedford, O.

Nichols Geo. P. & Bro. (Electrical), 2139 Fulton, Chicago, Ill. *See adv index at end of book*

Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

8209-10—Dredging Machinery

See also Excavators, Steam; also Excavating Machinery

Atkinson W. H. Co., Hoboken, N. J.

Bartlett A. F. & Co., Saginaw, Mich.

Bay City Dredge Works, Bay City, Mich.

Browning Co., E 162d & Waterloo rd N E, Cleveland, O.

Bucyrus Co., South Milwaukee, Wis.

Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.

Duncan Co., 508 Water, Toledo, O.

Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.

ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md. *See adv index at end of book*

Fairbanks Steam Shovel Co. (Steam Dredges), Marion, O.

Flory S. Mfg. Co., Bangor, Pa.

Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.

Hammond Mfg. Co., Kamm bldg, Portland, Ore.

Hardie Tynes Mfg. Co., Birmingham, Ala.

Hayward Company (Using All Types of Automatic or Grab Buckets & Drag Scraper Buckets), 30 Church, New York *See adv index at end of book*

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

Houston Car Wheel & Machine Co., Houston, Tex.

Jackson Byron Iron Works, Berkeley, Cal.

Jackson & Church Co., Saginaw, Mich.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Jennings Pump & Dredge Co., 180 N, Dearborn, Chicago, Ill.

Krogh Pump & Machy. Co., 147 Beale, San Francisco, Cal.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Manitowoc Shipbuilding Co. (Steel & Dipper Dredges), Manitowoc, Wis.

Marine Iron Works, 2036 Dominick, Chicago, Ill.

Marion Steam Shovel Co., P. O. Box 595, Marion, O.

N. Y. Engng. Co. (Gold), 2 Rector, New York

Osgood Co., Marion, Ohio

Pittsburgh Model Engine Co. (4 6, & 8 cylinder vertical engine), Lexington & McPherson, Pittsburgh, Pa.

Portland Co., Portland, Me.

Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

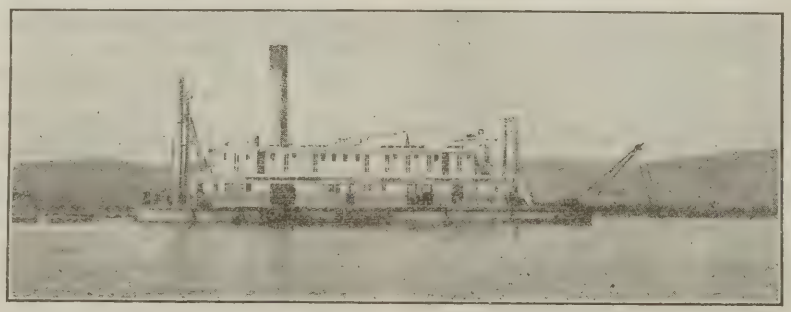
Stockton Iron Works (Portable), Stockton, Cal.

Superior Iron Works Co., Superior, Wis.

Toledo Foundry & Machine Co., Toledo, O.

Treadwell M. H. Co., 140 Cedar, New York

United Iron Works, Oakland, Cal.



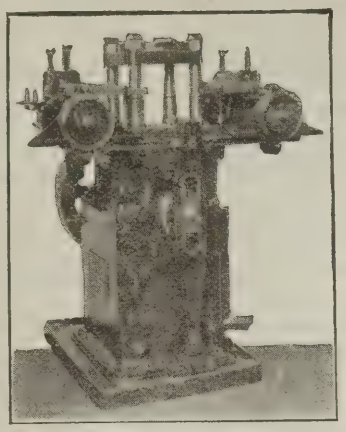
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HYDRAULIC DREDGES

that will handle any material (except ledge-rock), any height, any distance, any quantity.

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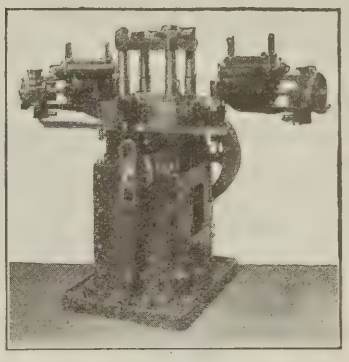
Patented July 2, 1918

The Henry & Wright Mfg. Co.

were the original makers of high speed ball bearing drill machines—we are still at it and can supply you with every class of a machine drilling a hole from 0 to 1⅛ inches —with hand or power feed.

SOMETHING NEW

Having perfected a new style die machine or punch press—that is a wonder in operation for economy and increased production, we shall be glad to answer your inquiries on standard sizes or special designed machines.



Patented July 2, 1918

The Henry & Wright Mfg. Co., 760 Windsor St., Hartford, Conn.

Wickes Bros. (Dry Land), Saginaw, Mich.
Yuba Mfg. Co., Marysville, Cal. and 433 California, San Francisco, Cal.

8211—Dredging Machinery (Gasoline)

Bucyrus Co. (Excavators), S Milwaukee, Wis.
Fairbanks Steam Shovel Co., Marion, O.

8212—Dredging Machinery (Hydraulic)

Bucyrus Co., South Milwaukee, Wis.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Great Lakes Engineering Works, Real Estate Exch. bldg, Detroit, Mich.
Jennings Pump & Dredge Co., 180 N, Dearborn, Chicago, Ill.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Morris Machine Works, Baldwinsville, N. Y.
National Iron Co., Duluth, Minn.
Norton Engng. Co., Denckla bldg, Phila., Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Treadwell M. H. Co., 140 Cedar, New York
Vulcan Iron Works Inc., Hudson and Essex, Jersey City, N. J.

8213—Dried Beef & Bacon Slicing Machines

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
LINK-BELT COMPANY ("Link-Belt" "Automatic), 300 W 39th Chicago, Ill.
See adv index at end of book
Premier Machinery Co., Oakland, Cal.

8214—Drill Sharpening Machines

Denver Rock Drill Mfg. Co., Denver, Colo.
Hardsocg Wonder Drill Co. ("Wonder" Pneumatic), Ottumwa, Ia.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
Lake Shore Engine Works ("Superior"), Marquette, Mich.
Leyner J. Geo. Engineering Works Co. "Leyner"), Littleton, Colo.
Shaw C. H. Pneumatic Tool Co. ("Shaw," for Air Rock Drills, etc.), Denver, Colo.

8215— Drilling Machines

See also Sub-Classifications following

Albany Hdwe Specialty Mfg. Co., Albany, Wis.
Allen Chas. G. Co. ("Allen"), Barre, Mass.
American Machine Products Co., 18th & Howard, Detroit, Mich.
Associated Well Supply Co. Inc. (Oil Well), 111 Broad, New York
See adv index at end of book
Aurora Tool Works, Aurora, Ind.
Avey Drilling Machine Co. ("Avey" Ball Bearing & Single Spindle), Covington, Ky.
B. E. S. Tool & Mfg. Co. (Water Power), Rockford, Ill.
Baker Bros., Toledo, O.
Barnes Drill Co. (All-Geared), Rockford, Ill.
Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book
Bilton Slate Machine Tool Co., The ("Dwight State," "New Elmore," High Speed Ball Bearing), Bridgeport, Conn.
Boust A. C., Northumberland, Pa.
Buckeye Tool & Machine Co. ("Buckeye"), New Philadelphia, Ohio
Buffalo Forge Co. (Post or Wall Hand), 490 Bway, Buffalo, N. Y.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Cleveland Lathe & Machy. Co., Whitney Power bldg, Cleveland, O.
Clough R. M., Tolland, Conn.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Colburn Machine Tool Co. (Heavy Duty), Ivanhoe rd, Cleveland, Ohio.
Davis Machine Tool Co., Rochester, N. Y.
Detroit Tool Co., 1487 St. Antoine, Detroit, Mich.
Dooley Bros. (Coal), 1201 S Washington, Peoria, Ill.
Edlund Machinery Co., Inc., Cortlandt, N. Y.
Enterprise Machinery Co. Inc. (Presses), 32-34 S Clinton, Chicago, Ill.
Foote-Burt Co. (High Duty), 4101 St. Clair av., Cleveland, O.
Fosdick Machine Tool Co., Cincinnati, O.
Fulton Tool Wks. (Coal Miners), ("Fulco," "Fulton"), Huntington, W. Va.
GEM MFG. CO. ("Gem." Portable Screw Feed for Use with Flexible Shafting), Goebel, nr Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book*
Guarantee Machine Co., Grand Rapids, Mich.
Henry & Wright Mfg. Co., 760 Windsor, Hartford, Conn.
See adv index at end of book
Hoefer Mfg. Co., Freeport, Ill.
Hoosier Drilling Machine Co. ("Hoosier"), Goshen, Ind.
International Machine Tool Co., 1111 Power av, Cleveland, Ohio
Kane & Roach, Syracuse, N. Y.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Knickerbocker Machine Works, 161 Perry, New York
Knight W. B. Machinery Co., 3920 W Pine blvd., St. Louis, Mo.
Lakeside Bridge & Steel Co., North Milwaukee, Wis.
Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.
Makutchan Roller Bearing Co., 35 W Lake, Chicago, Ill.
Millers Falls Co. ("Universal" Hand), 28 Warren, New York
Myers Mfg. Co., (Bench Mill), Columbia, Pa.
Nelson-Blanck Mfg. Co. (Multiple Spindle), Dulois & Clay, Detroit, Mich.
See adv index at end of book
Newhall Chain, Forge & Iron Co., ("Trident"), 89 West, New York
Oil Well Supply Co. (Core), 215 Water, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W. Lake, Chicago, Ill.
Providence Engineering Corp. (High Speed Sensitive), Providence, R. I.
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass
Reed-Prentice Co. (Radical 2½ to 5 inch), 677 Cambridge, Worcester, Mass.
Richmond Metal Products Co. ("Richmond" Staybolt), 5th and Arch, Richmond, Va.
Rockford Drilling Machine Co., Rockford, Ill.
Ryerson Joseph T. & Son (Metal), 2558 W. 16th, Chicago, Ill.
See adv index at end of book
Seeger Machine Tool Co., 34 S. Forsyth, Atlanta, Ga.
SIBLEY MACHINE CO. (Geared), 70 Tutt, South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co. (Power), 256 Salem, O.
STOW MFG. CO., INC. (& Plain, Screw, Feed and Automatic Drill Presses), Binghamton, N. Y.
See adv index at end of book
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co. (Four Spindle Simultaneous Feed), Hartford, Conn.
Townsend H. P. Mfg. Co. (High Speed), Hartford, Conn.
Twin-O-Matic Machine & Tool Co., Inc., 160 John, Brooklyn, N. Y.
U. S. Mach. Tool Co. ("U. S."), Cincinnati, O.
Wilcor Mfg. Co. (Duplex), 4824 W Lake, Chicago, Ill.

8216—Drilling Machines (Automatic)

Baush Machine Tool Co., Springfield, Mass
Bilton Machine Tool Co., The ("Dwight Slate"), Bridegport, Conn.
Cincinnati Automatic Machine Co. (Multiple Spindle), 3120 South, Oakley, Cincinnati, Ohio.
Detroit Machine Tool Co. ("Detroit" Semi), 5545 St. Antoine, Detroit, Mich.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt ("Mr. Punch"), Greenfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
North Bros. Co. ("Yankee" or Push), Lehigh av & American, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Star Expansion Bolt Co. ("Spring Hammer"), 145 Cedar, New York

8217-8—Drilling Machines (Bench)

Allen Machine Co., 1585 Columbus rd., Cleveland, O.
AMES B. C. CO. ("Ames" Sensitive), North Station, Waltham, Mass.
Barnes W. F. & Jno. Co., Rockford, Ill.
Blissfield Motor Works ("Davenport"), Blissfield, Mich.
Burke Machine Tool Co., Conneaut, O.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Clark Jas. Jr. Electric Co. (Sensitive "Willey," Electrically Driven), Louisville, Ky.
D'Amour Machine Works ("D'Amour," Drill Press), 78 Cortlandt, New York
Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.
Gardam Wm. & Son (Sensitive Type), 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (Hand & Power), Greenfield, Mass.
Gowanda Agricultural Works (for Cutlery Factories), Gowanda, N. Y.
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Hoefer Mfg. Co. ("Hoefer" Friction & Belt Driven), Freeport, Ill.
Leland-Gifford Co., Worcester, Mass.
Millers Falls Co., 28 Warren, New York
Myers Machine Tool Co. ("Myers" & "Myers Automatic"), Columbia, Pa.

DRILLING MACHINES (BENCH)—cont.
North Bros. Mfg. Co. ("Yankee") Lehigh av & American, Phila., Pa.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co., 256 Salem, O.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Smurr & Kamen Machine Co. ("Champion"), 328 N Albany, Chicago, Ill.
Standard Electric Tool Co. (Electric), York & Western av, Cincinnati, O.
Stecher Chas. Co. (High Speed & "Heavy Duty"), 1580 Crossing, Chicago, Ill.
Strong, Carlisle & Hammond Co. (The Ideal), 336 Frankfort av, Cleveland, O.
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.

8219—Drilling Machines (Blacksmiths')

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self-Feed), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Illinois Iron & Bolt Co. (Horizontal & Upright), Carpentersville, Ill.
Russ Co., 5700 Walworth av, Cleveland, O.
Silver Mfg. Co., 256 Salem, O.
Southern Skein & Foundry Co. (Horizontal), Chattanooga, Tenn.

8220—Drilling Machines (Boiler)

American Tool Works Co., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Dallett Thos. H. Co. (Shell), 1324 Federal, Philadelphia, Pa.
Foote-Burt Co., 4101 St. Clair av, Cleveland, O.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Mueller Machine Tool Co., 2427 Colerain av, Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Silver Mfg. Co., 256 Salem, O.

8221—Drilling Machines (Caster Wheel)

Hoefer Mfg. Co., Freeport, Ill.

8222—Drilling Machines (Clock Pinion)

Davenport Machine Tool Co. (Automatic), New Bedford, Mass.

8223—Drilling Machines (Cotter & Key-Seat)

Niles-Bement-Pond Co., 111 B'way, New York

8224—Drilling Machines (Frog & Switch)

Moline Tool Co., Moline, Ill.

8225—Drilling Machines (Gang)

Barnes Drill Co. (All Geared Gangs), Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Colburn Mach. Tool Co., 1024H Ivanhoe rd, Cleveland, Ohio *See adv index at end of book*
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Hoefer Mfg. Co., Freeport, Ill.
Moline Tool Co., Moline, Ill.
Pratt & Whitney Co., Hartford, Conn.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Machine Tool Co. (2, 3, 4, 5 & 6 Spindles, Box or Single Columns), Rockford, Ill.
Wells Frank L. Co., Kenosha, Wis.
Williams White Co. (Gate), Moline, Ill.

8226—Drilling Machines (Gun Barrel)

Diamond Machine Co. ("Diamond"), Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.

8227—Drilling Machines (Horizontal)

Cleveland Machine Tool Co., Cleveland, O.
Garvin Machine Co., 147 Varick, New York
Moline Tool Co., Moline, Ill.
Morris Machine Tool Co. ("Morris"), Court & Harriet, Cincinnati, O.

8228—Drilling Machines (Knee)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8229-30—Drilling Machines (Multiple Spindle)

Andrew M. L. & Co., Cincinnati, O.
Avey Drilling Machine Co. ("Avey"), Covington, Ky.
Baker Bros., Toledo, O.
Barnes Drill Co., Rockford, Ill.
Baush Machine Tool Co. (Vertical & Horizontal), Springfield, Mass.
Bilton Machine Tool Co., The, ("Dwight Slate" Automatic Feed), Bridgeport, Conn.
Buckeye Drill & Lathe Co., Marion rd, Columbus, Ohio.
Cincinnati Automatic Machine (Automatic), 3120 South, Cincinnati, Ohio.
Clark Jas. Jr. Electric Co. ("Willey," Three Spindle Electrically Driven), Louisville, Ky.
Cleveland Machinery & Supply Co., Union bldg., Cleveland, O.
Detroit Tool Co., 1487 St. Antoine, Detroit, Mich.
Foote-Burt Co., 4101 St. Clair av, Cleveland, O.
Fosdick Machine Tool Co., Blue Rock and Applett, Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Gowanda Agricultural Works (3 Spindle/ Gowanda, N. Y.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Harrington Edwin, Son & Co., 17th & Callowhill, Phila., Pa.
HENRY & WRIGHT MFG. CO., 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hoefer Mfg. Co., Freeport, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Moline Tool Co., Moline, Ill.
National Acme Co., 7500 Stanton av., Cleveland, O.
National Automatic Tool Co. ("Natco," Full Automatic Universal), Richmond, Ind.
Nelson-Blanck Mfg. Co., Dubois & Clay av, Detroit, Mich.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Providence Engineering Corp ("Pecorp"), 521 S Main, Providence, R. I.
Reed Francis Co. ("Reed" & "H. G. Barr," 5 to 10 Spindles), Worcester, Mass.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Sigourney Tool Co., Hartford, Conn.
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co., Hartford, Conn.
Valley City Mach. Works, Grand Rapids, Mich.

8231—Drilling Machines (Portable)

See also Drills, Hand; also Pneumatic Drills

Cincinnati Electric Tool Co. ("Cincinnati" Electrical, Scotch Radial & Universal Drills), Cincinnati, O.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Dallett Thos. H. Co., 1324H Federal, Philadelphia, Pa.
GEM MFG. CO. ("Gem" Flexible Shaft, Rope & Motor Driven), Goebel, nr Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book*
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
INGERSOLL-RAND CO. ("Little David"), 11 Broadway, New York *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Lapointe J. N. Co., New London, Conn.
Newton Machine Tool Works (Electrically Driven), 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Parkersburg Rig & Reel Co., Parkersburg, W. Va.
Snyder J. E. & Son, Worcester, Mass.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Standard Elec. Tool Co., Western av & York, Cincinnati, Ohio
STOW MFG. CO. INC (Flexible Shaft Belt Driven), Binghamton, N. Y. *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
UNITED STATES ELECTRICAL TOOL CO. (Electric), Cincinnati, O. *See adv index at end of book*

8232—Drilling Machines (Radial)

Almond Mfg. Co., 1516 E 32d, Cleveland, O.
American Tool Works Co., Cincinnati, O.
Baush Machine Tool Co., Springfield, Mass.
Carlton Machine Tool Co., Cincinnati, O.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Clark Jas., Jr., Electric Co. ("Willey," Radial Electrically Driven), Louisville, Ky.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
Dreses Machine Tool Co., Cincinnati, O.
Fosdick Machine Tool Co., Cincinnati, O.
Henry & Wright Mfg. Co., 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Kane & Roach, Syracuse, N. Y.
Kling Bros. Engineering Works, 2035 Charleston, Chicago, Ill.
Lakeside Bridge & Steel Co., N Milwaukee, Wis.
Midland Machine Co., 1218 Hastings, Detroit, Mich.
Morris Machine Tool Co., Court & Harriet, Cincinnati, O.
Mueller Machine Tool Co. (Cone Driven, 2½ to 4 Foot Arm, etc), 2427 Colerain av, Cincinnati, O.
Newton Machine Tool Works, 23 & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Optenberg Iron Works, Sheboygan, Wis.
Reed-Prentice Co., 677 Cambridge, Worcester, Mass.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

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Taylor & Fenn Co. (Light), Hartford, Conn.
Western Machine Tool Works, Holland, Mich.

8233—Drilling Machines (Radial Wall)

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Wickes Bros., Saginaw, Mich.

8234—Drilling Machines (Rail)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8235—Drilling Machines (Rivet)

Langelier Mfg. Co., Arlington, Providence, R. I.

8236—Drilling Machines (Sensitive)

Allen Chas. G. Co. ("Allen"), Barre, Mass.
American Tool Works Co., Cincinnati, O.
AMES B. C. CO. ("Ames" Bench), North Station, Waltham, Mass. *See adv index at end of book*
Avey Drilling Machine Co. ("Avey"), Covington, Ky.
Barnes W. F. & Jno. Co., Rockford, Ill.
Berghausen Machine Co., 2128 Colerain av, Cincinnati, O.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Blomquist-Eck Machine Co., 1146 E 152nd, Cleveland, O.
Carlton Machine Tool Co., Cincinnati, O.
Cleveland Machinery & Supply Co., Union bldg., Cleveland, O.
Demco Machine Tool Co. (High Speed), 706 Frankfort av, Cleveland, O.
Edlund Machinery Co., Inc., Cortland, N.Y.
Fastfeed Drill & Tool Corp., Toledo, Ohio.
Fosdick Machine Tool Co. (Blue Rock & Applett), Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Gardam Wm. & Son, 114 Park pl, New York
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
HENRY & WRIGHT MFG. CO., 760 Windsor, Hartford, Conn. *See adv index at end of book*
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
Hoefer Mfg. Co., Freeport, Ill.
Johnson Machine Tool Co., Gouverneur, N. Y.
Langelier Mfg. Co. (Plain, Ball Bearing, High Speed, Motor Driven), Arlington, Providence, R. I.
Leland-Gifford Co. (High Speed Heavy Duty), Worcester, Mass.
Myers Machine Tool Co. ("Myers"), Columbia, Pa.
North Wales Machine Co., North Wales, Pa.
Oliver W. W. Mfg. Co., 1483 Niagara Falls, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Providence Engineering Corp. ("Pecorp"), 521 S Main, Providence, R. I.

Reed Francis Co. ("Reed," "H. G. Barr" Plain & Ball Bearing), Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Machine Tool Co., Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SIBLEY MACHINE CO., 70 Tutt, South Bend, Ind.
Sibley Upright Drill Co. (Upright High Speed), South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Snyder J. E. & Son, Worcester, Mass.
Stow Mfg. Co. Inc., Binghamton, N. Y. *See adv index at end of book*
Taylor & Fenn Co., Hartford, Conn.
Townsend H. P. Mfg. Co., Hartford, Conn.
U. S. Mach. Tool Co. ("U. S."), Cincinnati, O
Washburn Shops, Worcester, Mass.
Wisconsin Electric Co. ("Dumore," Elec.) 1600 Racine av, Racine, Wis. *See adv index at end of book*

8237—Drilling Machines (Stay Bolt)

Foote-Burt Co. (4 Spindle), 4101 St. Clair av, Cleveland, O.
Richmond Metal Products Co. Inc. ("Richmond"), 5th and Arch, Richmond, Va.

8238—Drilling Machines (Suspension)

Baush Machine Tool Co., Springfield, Mass.
Birch & Birch, Crawfordsville, Ind.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Kling Bros. Engineering Works, 2035 Charleston, Chicago, Ill.
Reed Francis Co., Worcester, Mass.

8239—Drilling Machines (Tire)

Reed Francis Co., Worcester, Mass.

8240—Drilling Machines (Traverse)

Moline Tool Co. (Traversing Head), Moline, Ill.
Pratt & Whitney Co. (Double Head), Hartford, Conn.

8241—Drilling Machines (Tube Hole)

Bethlehem Steel Co., South Bethlehem, Pa.

8242—Drilling Machines (Turret)

Quint A. D., Hartford, Conn.
Turner Machines Co., Danbury, Conn.

8243—Drilling Machines (Universal Radial)

American Tool Works Co., Cincinnati, O.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Dreses Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.

8244—Drilling Machines (Vertical)

Aurora Tool Works (14 to 44 inch Swing), Aurora, Ind.
Avey Drilling Machine Co., Covington, Ky.
Baker Bros., Toledo, O.
Barnes Drill Co. (Inc.), Rockford, Ill.
Barnes W. F. & Jno. Co. (8 to 50 inch Swing), Rockford, Ill.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Buckeye Drill & Lathe Co, Marion rd, Columbus, Ohio.
Buffalo Forge Co. (Blacksmith Machinists), 490 B'way, Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Cleveland Machinery & Supply Co., Union bldg., Cleveland, O.
Davis Machine Tool Co., Rochester, N. Y.
Fosdick Machine Tool Co. ("Fosdick"), Cincinnati, Ohio.
Fox Machine Co., Jackson, Mich.
Gardam Wm. & Son, 114 Park pl, New York
Henry & Wright Mfg. Co., 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hoefer Mfg. Co., Freeport, Ill.
Illinois Iron & Bolt Co. ("Illinois" Hand Power), Carpentersville, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Moline Tool Co., Moline, Ill.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co. ("Reed" & "H. G. Barr") Worcester, Mass.
Richards Machine Co., 3417 Vliet, Milwaukee, Wis.
Rockford Drilling Machine Co. ("Mechanics"), Rockford, Ill.
Rockford Machine Tool Co. (14, 17, 20, 23, 24, 26, 28, 32, 36 inch Sliding Head, etc), Rockford, Ill.
Royersford Foundry & Machine Co. ("Excelsior"), Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SIBLEY MACHINE CO., 70 Tutt, South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Sloan & Chass Mfg. Co., 351 6th av, Newark, N. J.
Snyder J. E. & Son, Worcester, Mass.
Stark Tool Co. (1 to 5 Spindles), Waltham, Mass.
Superior Machine Tool Co. ("Kokomo Hi-Speed"), Kokomo, Ind.
Taylor & Fenn Co., Hartford, Conn.
U. S. Mach. Tool Co. ("U. S."), Cincinnati, O.

8245—Drilling & Countersinking Machines

Baush Machine Tool Co., Springfield, Mass.
CHICAGO PNEUMATIC TOOL CO., (Pneumatic), 6 E 44th, New York *See adv index at end of book*
Lakeside Bridge & Steal Co., Milwaukee, Wis.
Liberty Tool Corp., 1321H Munsey bldg, Baltimore, Md.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.

8246—Drilling & Milling Machines (Combined)

Cleveland Machine Tool Co., Cleveland, O.
Clough R. M. (Vertical Bench), Tolland, Conn.
Fosdick Machine Tool Co., Cincinnati, O.
Knight W. B. Machinery Co., 3920 W Pine blvd, St. Louis, Mo.
Superior Machine Tool Co., Kokomo, Ind.

8247—Drilling & Reaming Machines

Hoefer Mfg. Co. (Automobile Piston), Freeport, Ill.
Lakeside Bridge & Steel Co. N Milwaukee, Wis.

8248—Drilling & Tapping Machines

American Tool Works Co., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Baker Bros., Toledo, O.
Carlton Machine Tool Co. (Radial), Cincinnati, O.
Cincinnati-Bickford Tool Co. (24 to 42 inch, Upright, Heavy Pattern), Cincinnati, O.
Cleveland Machine Tool Co., Cleveland, Ohio
Fay Machine Tool Co. (Drilling, Threading & Tapping), 2d & Glenwood av, Phila., Pa.
Fosdick Machine Tool Co. (Drilling), Cincinnati, O.
Garvin Machine Co., 147 Varick, New York
Hammond Mfg. Co., 6545 Carnegie av, Cleveland, Ohio
Langelier Mfg. Co. (Horizontal), Arlington, Providence, R. I.
National Automatic Tool Co. ("Natco") Richmond, Ind.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
STOW MFG. CO. INC., Binghamton, N. Y. *See adv index at end of book*
Taylor & Fenn Co. (Radial), Hartford, Conn.

8249—Drilling & Tapping Machines (Combined)

Anderson Machine Works, Peekskill, N. Y.
Barber M. A., Norwich, Conn.
Baush Machine Tool Co., Springfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Pratt & Whitney Co., Hartford, Conn.

8250—Drilling & Turning Machines

Garvin Machine Co. (Four Head Right Angle), 147 Varick, New York

8251—*Drop Forging Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Mitts & Merrill, 1939 S Water, Saginaw, Mich.

8252— Drying Machinery

See also Dryers, Various Kinds

Cummer F. D. & Son Co. (Direct Heat Dryers for all purposes), Superior Arcade, Cleveland, O.
Drying Systems Inc. (Engineers) (For Chemicals, Colors, Dyes, Enamels, Foods, Leathers, Textiles, etc), 910 So. Michigan av, Chicago, Ill.
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago, Ill.
No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
PROCTOR & SCHWARTZ, INC., 7th and Tabor road, Philadelphia, Pa.
Smith Richardson Co. ("Richardson"), Attleboro, Mass.

8253—Duck Slitting Machines

Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp William R. & Sons Co., Trenton, N. J.

Duplicating Machines

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Dyeing Machinery

See Textile Machinery

8254—Dynamite Shell Machines

Luther Mfg. Co., Olean, N. Y.

8255—Eave Trough Hanger Machines

Birch & Birch (Automatic Wire), Crawfordsville, Ind.
Fosdick Machine Tool Co., Blue Rock and Applett, Cincinnati, O.

Eave Trough Machinery

See Conductor Pipe & Eave Trough Machinery

8256—Eave Trough Machines (Combination Forming & Beading)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8257—Eave Trough Wire Hanger

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8258— Edging Machinery

Garrison A. Foundry Co. (Rolling Mill), 901 Bingham, Pittsburgh, Pa.

8259—Edging or Lock-Folding Machines

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Lane Mfg. Co., Montpelier, Vt.
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National Woodworking Machine Co., Dover, N. H.
Sinker-Davis Co., Indianapolis, Ind.
Union Iron Works, Bangor, Me.
Yates P. B. Machine Co., Beloit, Wis.

8261—Elbow Seam Closing Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8262—Electric Cloth Cutting Machines

Maimin H. Co., 251 W 19th, New York

8263—Electric Power & Lighting Machinery

See also Dynamos & Motors; also Generators, Various Kinds

Consolidated Engng. Co. (Repairs), Jacksonville, Fla.
Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Rederer B. S. & Co., 1405 Arrot bldg, Pittsburgh, Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

8263a—Electric Thawing Machinery

American Transformer Co., 178 Emmet, Newark, N. J.

8264—Electric Wire Making Machinery

Watson Machine Co., Paterson, N. J.

8265—*Electrical Goods Mfrs. Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

8265a—Electrical Heat Treating Machines

Snead & Co., Jersey City, N. J.

8266—Electrical Porcelain Machinery

Crossley Machine (Also Dies, etc.), State and Chestnut av, Trenton, N. J.
Patterson Foundry & Machine Co., East Liverpool, O.

Electrical Wire & Cable Covering Machinery

See Wire & Cable Covering Machinery

8267—Electro-Dental Machinery

Consolidated Dental Mfg. Co., 130 Washington pl, New York
Russell Percy, 12 E 23d, New York
Victor X-Ray Corp., 236 S Robey, Chicago, Ill.
White S. S. Dental Mfg. Co., 211 S 12th, Phila., Pa.

8268—*Electro Plating Machines

See also Dynamos, Electro Plating

Cutter & Wood Supply Co. (Jobbers), 274 Friend, Boston, Mass.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8269—Electro & Linotype Sawing Machines

Hoe R. & Co., 504 Grand, New York
Kidder R. E. Co., Worcester, Mass.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8270—Electrotype Machinery

Herrick & Cowell, New Haven, Conn.
Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8271—Electrotype Trimming Machines

Bishop W. S., New Haven, Conn.
Royle Jno. & Sons, Paterson, N. J.

8272—Elevating & Conveying Machinery

See also Conveyors, Cranes, Derricks, Elevators, Hoists, Trolleys, Overhead, Wire Rope Tramways, etc)
See also Index of Contents for the specific article required

Alvey Mfg. Co. (Portable and Automatic), 3201H S Broadway, St. Louis, Mo
Anglo Am. Mill Co., Owensboro, Ky.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
GIFFORD-WOOD CO. (ICE), Hudson, N. Y.
Dempcy-Degener Co. (Dealer), 708 Penn av, Pittsburgh, Pa.
Godfrey Conveyor Co. ("Godfrey"), Elkhart, Ind.
Hanak Conveyor Co. ("Hanak"), Houston, Texas.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Knoxville Foundry & Machine Co., Knoxville, Tenn.
LAMSON CO., 100 Boylston, Boston, Mass
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lowerator Co. Inc., 631 Kent av, B'klyn, N. Y.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
MEESE & GOTTFRIED CO., 660 Mission, San Francisco, Cal.
Northern Engineering Works, 9 Chene, Detroit, Mich.
Peabody & Sloan, Union Arcade bldg, Pittsburgh, Pa.
Premier Machinery Co., Oakland, Cal.
ROBINS CONVEYING BELT CO., 13 Ann, New York
See adv index at end of book
Robinson Mfg. Co., Muncy, Pa.
STURTEVANT MILL CO. (All Steel), Clayton & Park, Dorchester, Boston, Mass.
Union Engng. Co., Cuyahoga & W 4th, Cleveland, O.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

8273— Embossing Machines

CAVAGNARO JOHN J., Harrison, N. J.
Currier Cyrus & Sons (Presses & Rolls for Leather), 365 Market, Newark, N. J.
Firth Wm. (Leather, Lockett, Crossland & Co.'s), 200 Devonshire, Boston, Mass.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Latham Machinery Co. ("Monitor," Bookbinders), 1153 Fulton, Chicago, Ill.
Lentz-Schebler Co. (Rotary & Lateral), Indianapolis, Ind.
Randall J. D. Co. (Leather, etc), 610 W Court, Cincinnati, O.
Rau Emanuel (For Embossing Paper Boxes), 30 Church, New York
Roovers Bros. (Letter & Figure), 100 Schermerhorn, B'klyn, N. Y.
See adv index at end of book
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co. (Bookbinders'), 434 Broadway, New York
Traud Alex & Sons, 124 Polk, Newark, N. J.
Union Chain & Mfg. Co., Seville, O.
Waldron John Co., New Brunswick, N. J.

8274-5—Embroidering Machines

Ahlstrom O. J. ("Cormley & Fils" Imported), 711 B'way, New York
Durbrow & Hearne Mfg. Co. ("Bonnoz" & "Swiss"), 12 Wooster, New York
Home Embroidery Machine Co., Denver, Colo.
Saurer Adolph (Imp.), River av & 151st, New York

8276—Enamel Ware Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8277— Engraving Machines

Cayuta Mfg. Co., Sayre, Pa.
Eaton & Glover Co., Sayre, Pa.
Engravers & Printers Machinery Co., Sag Harbor, N. Y.
Field Chas. H., 113 Point, Providence, R. I.
Gibb Instrumental Co. ("Electrograph" Markers), Highland bldg, Pittsburgh, Pa.
Gorton Geo. Machine Co. (For Engraving Name & Direction Plates), Racine, Wis.
Hope John & Sons Engraving & Mfg. Co. (For Steel & Copper Plate), 1 Mashapaug, Providence, R. I.
Warner Mfg. Co. ("Francis"), Citizen bldg, Cleveland, O.

8278— Envelope Machines

Bickett Machine & Mfg. Co., Cincinnati, O.
Brown Bag Filling Mach. Co., Fitchburg, Mass.
Cooley & Trevor Mfg. Co., Hartford, Conn.
Dietz Machine Work (Merchandise), 126 Fontaine, Philadelphia, Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hopkinson Machine Works, Springfield, Mass.
Lester & Wasley Co. ("Leader"), Norwich, Conn.
Potdevin Machine Co., 1221 38th, B'klyn, N. Y.
Schmidt F. L. Co., 11th av & 21st, New York
Sherman Envelope Co., Worcester, Mass.
Swift Geo. W. Jr., Bordentown, N. J.

8279—Envelope Sealing Machines

Acorn Brass Mfg. Co. ("Thexton"), 426 S Clinton, Chicago, Ill.
American Multigraph Sales Co. ("Markoe" Electric), 1832 E 40th, Cleveland, O.
Kendall Mfg. Co. Inc., 79 Sudbury, Boston, Mass.
Mailometer Co., 1093 Jefferson av E, Detroit, Mich.
Pence Mailing Mach. Co., Minneapolis, Minn.
Ryan D. G. & Co., 608 Dearborn, Chicago, Ill.
Saunders & Co. ("Sealograph"), 1700 Brooklyn av, Kansas City, Mo.
Sealograf Co., Kansas City, Mo.
Standard Envelope Boiler Mfg. Co. ("Standard"), Somerville, Mass.
Utica Sales & Specialty Co., Utica, N. Y.

Envelope Stamping Machines

See Postage Stamp Affixing Machine

8280— Excavating Machinery

See also Dredging Machinery; also Shovels, Steam; also Sewer & Trench Excavating Machines; also Ditching Machines

Byers Machine Co., The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book

EXCAVATING MACHINERY
Manufactured By
CLYDE IRON WORKS
CLYDE IRON WORKS SALES CO.
Sole Distributors
DULUTH, MINN.

ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*

8281—*Excavating Machines, (Portable)

Byers Machine Co., The (Especially Adapted for Sand and Gravel), 242 Sycamore, Ravenna, O.
See adv index at end of book

8282— Excelsior Machinery

American Saw Mill Machinery Co., Hackettstown, N. J.
Fifield Bros. Co., Augusta, Me.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Indianapolis Excelsior Machinery Co., Indianapolis, Ind.
Jenkins Machine Co., Sheboygan, Wis.
Kline Lewis T., Alpena, Mich.

8283— Extruding Machines

Royle John & Son, Paterson, N. J.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.

8284—Eye Bending or Eye Bolt Machines

Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.
Williams, White & Co., Moline, Ill.

8285— Eyelet Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Harris Engineering Co. (Multiple Slide), Bridgeport, Conn.
Ideal Specialties Mfg. Corp. (Automatic Portable), 552 Pearl, New York
Keyes Jas H. (Stapling), 658 Hudson, New York
Kvalin Mfg. Co. (Stapling), Milwaukee, Wis.
Machine Appliance Corp., 351 Jay, Brooklyn, N. Y.
Manville E. J. Machine Co., Waterbury, Conn.
Premo Process Co. (Stapling), New Brunswick, N. J.
Sheridan T. W. & C. B. Co. (Bookbinders, etc), 434 B'way, New
Shipman Geo., West Bridgewater, Mass.
Sibley E. L. Mfg. Co. (Stapling), Bennington, Vt.
Stimpson Edwin B. Co. (Hand, Foot & Automatic), 852 Kent av, Brooklyn, N. Y.
United Shoe Machinery Co. ("Duplex"), 205 Lincoln, Boston, Mass.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8286—Face & Fire Brick Machinery

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*
Warwick Constn. Co., 1048H W. Harrison, Chicago, Ill.

8287—Facing Machines (Three-Way)

Beaman & Smith Co., Providence, R. I.
Pottstown Machine Co. (Also Threading & Facing), Pottstown, Pa.

8288—Facing & Boring Machines

Beaman & Smith Co., Providence, R. I.

8289—Faucet or Bib Re-Seating Machines

Long Adam A., Rochester, N. Y.
McCrea James & Co. ("Skinner"), 562 W Washington, Chicago, Ill.

8290— Felling Machines

Arbetter Felling Machine Co., 242 Dover, Boston, Mass.

Felloe Machinery

See Carriage Builders' Machinery

8291—Felt Hardening Machinery

Clark, Wm. C., Dept. H., Franklin, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.

8293—Fence Machines (Wire)

Brazil Machine & Foundry Co., Brazil, Ind.
Carter Wire Fence Machine Co., Mt. Sterling, O.
Cyclone Fence Co. (Chain Fence Weaving), Waukegan, Ill.
Elliott & Reid Co. (Wire & Picket), Richmond, Ind.

THE WEBSTER MFG. COMPANY

MAIN OFFICES AND FACTORY, 4500-60 CORTLAND STREET, CHICAGO

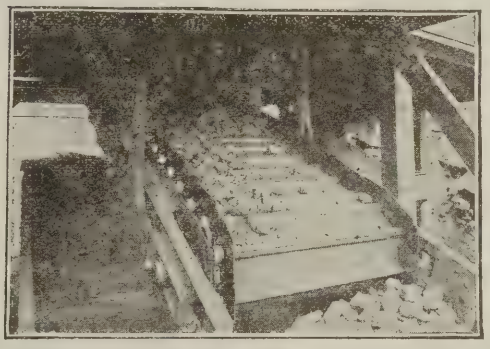
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Factories: CHICAGO; MICHIGAN CITY, IND.; TIFFIN, O.

Elevating, Conveying and Power Transmission Machinery for all purposes—Systems for Coal and Ash Handling in Power Plants, for Chemicals and Ores at the Mine or in the Plant; Grain Elevator, Coal Tipple, Sand and Gravel Plant Machinery, etc., etc.

Webster Conveying and Elevating Machinery can be used to advantage wherever there are large operations. The cost of a Webster installation is soon paid for in the saving in handling expense and in the greater production obtained.

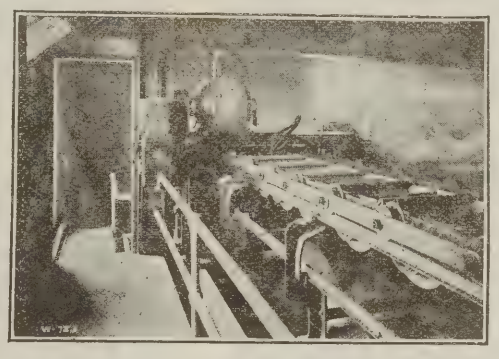


Webster Loading Boom in Coal Tipple

This company builds bucket and scrap conveyors and elevators; belt, screw and cable conveyors and retarders; feeders and loaders; coal crushers; sand and gravel plant machinery including screening, washing and storage apparatus; sheaves for rope drives, friction clutches and driving chains; shakers, loading booms,



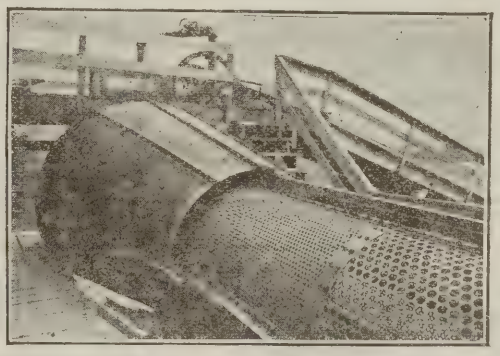
Belt Conveyors and Tripper in Grain Elevator



Pivoted Bucket Carriers in Power Plant

chutes, drives, car hauls and trippers, etc.; all forms of grain elevator machinery, etc.

Webster systems for handling coal and ashes in power plants are in successful operation in every section of the country.



Webster Screens in Sand and Gravel Plant

Webster engineers and field men study the conditions and service required, suggesting layouts that meet the customers' needs.

Our House Magazine "Webster Method" will be sent to those who can use it

FENCE MACHINES (WIRE)—continued
Eureka Fence Mfg. Co. ("Eureka," "Little Giant," "New Robinson," Wire & Picket), Richmond, Ind.
Gem Wire Fence Co., Pontiac, Mich.
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kitselman Bros. (Woven Wire), Muncie, Ind.
Lansing Co. ("Lansing," Wire & Picket), Lansing, Mich.
Lyle & Reynolds, Crawfordsville, Ind.

8294— Fertilizer Machinery

See also Pulverizing Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
American Process Co., 68 William, New York
Atlanta Utility Wks., Atlanta, Ga.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bouchard Jno. & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Buffalo Engine Co., Buffalo, N. Y.
Campbell P. F., 51 Laurel, Phila, Pa.
Charleston Dry Dock & Machine Co., Charleston, I. C.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
DAYTON BEATER & HOIST CO., Dayton, O. *See adv index at end of book*
Dempwolf C. H. & Co. (Steel Mixers, etc), York, Pa.
Flynn & Emrich Co., 305 N Halliday, Baltimore, Md.
Hamler Boiler & Tank Co., Dept. H, W 66th and S 60th av, Chicago, Ill.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Hydraulic Press Mfg. Co. (Hydraulic Fertilizer & Tankage Presses), Mt. Gilead, O.
Jeffrey Mfg. Co., 961 4th, Columbus, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Poole Engineering & Machine Co., H Woodbury sta, Baltimore, Md.
Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sackett A. J., cor 4th av & 1st, Baltimore, Md.
Smith T. L. Co. ("Smith" Mixers for Mixing All Kinds of Artificial Fertilizers), 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Stedman's Foundry & Machine Works, Aurora, Ind.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Vulcan Iron Works Inc., Hudson and Essex, Jersey City, N. J.
Walker & Elliott, Wilmington, Del.
Wilmington Iron Works, Wilmington, N. C.
Withers Foundry & Machine Wks., Atlanta, Ga.

8295—Fibre Cleaning Machines

Smith Samuel Machine Co. ("Brandy"), Lawrence, Mass.
Watson Machine Co., Paterson, N. J.

8296— Fibre Machinery

Ehrsam J. B. & Sons Mfg. Co. (Wood), Enterprise, Kans.
Fiber Barrel Machine & Mfg. Co., 2516 Jane, Pittsburgh, Pa.

8297—Fibre Machinery (Hard Fibre)

Downingtown Mfg. Co., East Downingtown, Pa.
Lobdell Car Wheel Co., Wilmington, Del.
Pusey & Jones Co., Wilmington, Del.

8298—File Cutting Machinery

Hess Machine Wks, (Also Kasp Machinery), 4951 Lancaster, Phila., Pa.
Illinois Tool Works, 154 Erie, Chicago, Ill.
Olsen Tinius Testing Machine Co. 500 W 12th, Phila., Pa.

8299— File Room Machinery

See also Saw Filing & Setting Machines; also Band Saw Setting Machines

Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Mershon W. B. Co. (Saw & Planing Mill), Saginaw, Mich.

File Sharpening Machines

See Sharpeners, File

8300—File Testing & Indicating Machines

Olsen Tinius Testing Machine Co. ("Herbert," Automatic), 500 N 12th, Phila., Pa.

8301— Filing Machines

Barry Mfg. Co., 515 W Monroe, Chicago, Ill.
Boston Tool & Mfg. Co., Inc. ("Boston Universal"), 262 Dover, Boston, Mass.
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Oliver Instrument Co. (With Sewing Attachment), Adrain, Mich.
ROBINSON TOOL WORKS, INC. ("Hartford," Motor or Belt Driven), Waterbury, Conn. *See adv index at end of book*
Stearns E. C. & Co. (Circular Saw Side), 450 Oneida, Syracuse, N. Y.

8302—Filing Machines (Bench)

AMES B. C. CO. ("Ames"), North Station, Waltham, Mass.
See adv index at end of book
Boston Tool & Mfg. Co., Inc. ("Boston Universal"), 262 Dover, Boston, Mass.
Edge & Edwards Machinery Co., 53 Gray, Newark, N. J.

8303—Filing Machines (Die)

Anderson Die Machine Co. ("Anderson," (Rotary Process), 544 Iraniston av, Bridgeport, Conn.
Boston Tool & Mfg. Co., Inc. ("Boston Universal"), 262 Dover, Boston, Mass.
Cochrane-Bly Co. (For Sawing Out & Filing Blanking Dies), Rochester, N. Y.
Illinois Tool Works, 154 E Erie, Chicago, Ill.
Oliver Machinery Co. ("Rearwin"), Grand Rapids, Mich.
Rearwin W. D., Grand Rapids, Mich.
ROBINSON TOOL WORKS, INC. ("Hartford," Motor or Belt Driven), Waterbury, Conn. *See adv index at end of book*
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.

8304—Filter Cloth & Bag Washing Machines

American Laundry Machinery Co., Cincinnati, Ohio

8305—Filter Mass Washing Machines

Blaisdell Co. ("Blaidell"), Pacific Elec. bldg, Los Angeles, Cal.
Danner Adam Co., Yonkers, N. Y.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co. (Double Rake), 2280 Elston av, Chicago, Ill.

8306— Fire Hose Machinery

Royle, Jno. & Sons, Inc., Paterson, N. J.

8307— Fire-Proofing Machinery

Bonnot Company, Canton, O.
Fate-Root-Heath Co., Plymouth, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

8308—Fish Dressing Machines

Smith Cannery Machine Co. ("Iron Chink"), Seattle, Wash.

8309— Fish Line Machinery

Brownell G. L. Worcester, Mass.

8310—Fishing Net Machinery

Crossley Lead & Mach. Co. (Net Lifting), Erie, Pa.

8311— Flanging Machines

See also Presses, Hydraulic Flanging

Alliance Machine Co., Alliance, O.
AMS MAX MACHINE CO. (Automatic for Can Makers), 101 Park av, New York
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Chambersburg Engineering Co. (Four Column & Universal Hydraulic), Chambersburg, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio.
McCabe Mfg. Co. ("McCabe" Pneumatic), Lawrence, Mass.
Morgan Engineering Co. ("Universal" Hydraulic, for Boiler Heads, etc.), Alliance, Ohio.
NIAGARA MACHINE & TOOL WORKS, (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co. (Boiler Head, etc), 111 B'way, New York
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
Stecher Chas. Co. (For Can Makers), 1580 Crossing, Chicago, Ill.
Wickes Bros., Saginaw, Mich.

8312—Flask Stripping Machines

Osborn Mfg. Co. ("Osborn" Hand & Power, etc), 5401 E Hamilton av, Cleveland, O.

8313—Flax Seed Cleaning Machines

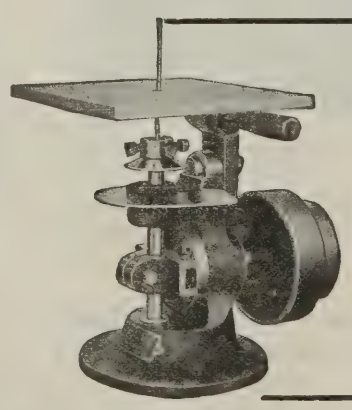
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

8314— Flint Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Koegel Chas & Sons, Holyoke, Mass.

8315—Floor Polishing Machines

Dale-Rey Corp., 25 Church, New York
Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S Clinton, Chicago, Ill.
Kelley Electric Machine Co. ("Kelley," 1407 West av, Buffalo, N. Y.
Kent Vacuum Clean Co. ("Utility"), Rome, N. Y.
Schlueter M. L. (Tile & Composition), 225 W Illinois, Chicago, Ill.
Wisconsin Fdry. & Mach. Co., Madison, Wis.



Handling Larger Die Work

This machine has been brought out to meet the demand for a larger filing machine.

"HARTFORD" Die Filing Machines

will handle a heavier class of work in addition to the smaller sizes. Top plate is 8 in. square and stroke of file is 1½ in. Machine makes 600 strokes per minute, and weighs 51 lb.

Write for complete details

THE ROBINSON TOOL WORKS, Inc., Waterbury, Conn

8316—Floor Scraping Machines

See also Scrapers, Floor

Duncan Bros. & Wray Co. ("Perfection," "Wray"), Ludlow Falls, O.
Fox Supply Co. ("Fox"), Brooklyn, Wis.
Hurley Machine Co. ("Little Giant"), Cicero, Ill.
Kepplinger Geo. J. ("Boss"), Dwight, Ill.
Mietke Jos. ("Acme"), 144 Clinton, Milwaukee, Wis.
Schlueter M. L., 225 W Illinois, Chicago, Ill.
Triple "A" Machine Co. ("Anderson" Automatic Adjustable), 4125 Ravenswood av, Chicago, Ill.
Weber Mfg. Co., West Allis, Wis.

8317—Floor Scrubbing Machines

Dale-Rey Corp., 25 Church, New York
Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S Clinton, Chicago, Ill.
Finola Mfg. Co. ("Finnell"), Hannibal, Mo
Herr John Mfg. Co., 44 N 4th, Phila, Pa.
Kent Vacuum Cleaner Co. ("Utility"), Rome, N. Y.
International Floor Machine Co., 149 W 36th, New York
Kelley Electric Machine Co., Buffalo, N. Y.

8318—Floor Surfacing Machines

American Floor Surfacing Machine Co., Toledo, O.
Atlas Machine Co. (Electric), 7 Eddy, Providence, R. I.
Cavicchi Polishing Mail Co. (Electric), Quincy, Mass.
Chappell, Waywell & Co. (Automatic Ball Bearing Electric), Waukegan, Ill.
Didricksen U. P., 1826 Summit, Columbus, Ohio
Electric Floor Surfacer Co., 149 W 36th, New York
Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S Clinton, Chicago, Ill.
Fox Supply Co., Brooklyn, Wis.
Ideal Floor Sander Co., 440 N Peoria, Chicago, Ill.
Kelley Electric Machine Co., Buffalo, N. Y.
Little Giant Co. ("Little Giant"), 511-513 Madison, Maywood, Ill.
Mietke Jos. ("Acme"), 144 Clinton, Milwaukee, Wis.
Northern Floor Surfaces Co., Green Bay, Wis.
Perfect Floor Surfacing Co., 614 Race, Cincinnati, O.
Power L & Co., 20 S 23rd, Phila., Pa.
Schlueter M. L. ("Schlueter" Rapid Electric), 225 W Illinois, Chicago, Ill.
Triple "A" Machine Co. ("Triple A"), 4125 Ravenswood av, Chicago, Ill.

8318a— Flotation Machines

Braun Corp., 363 New High, Los Angeles, Cal.
Southwestern Engineering Co., 606 S Hill, Los Angeles, Cal.
Stimpson Equipment Co., Salt Lake City, Utah

8319—Flour Blending Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Barnard & Leas Mfg. Co. ("Daisy" Feeder & Mixer), Moline, Ill.
Day, J. H. Co., Cincinnati, O.
Gump B. F. Co., 431 Clinton, Chicago, Ill.
Howes S. Co. (For Flour & Feed), Silver Creek, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Savage W. J Co,. Knoxville, Tenn
Sprout, Waldron & Co., Muncy, Pa.
Triumph Mfg. Co., Cincinnati, O.
Wolf Co. (For Bakeries), Chambersburg, Pa.

8320— Flour Mill Machinery

See also Grain Elevator Machinery, Etc

Acme Mill Works, Greensboro, N. C.
Albany Iron Works, Albany, Ore.
Allis-Chalmers Mfg Co., Milwaukee, Wis.
Alsop Process Co., St. Louis, Mo.
Anglo-American Mill Co., Owensboro, Ky.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Barnard Machinery Co., Enterprise, Kan.
Barnard Mfg. Co., Spokane, Wash.
Barnard & Leas Mfg. Co., Moline, Ill.
Beall Improvement Co., Inc., Decatur, Ill.
Blymyer Iron Works Co. ("Queen of South"), Cincinnati, O.
Caldwell W. E. Co., Louisville, Ky.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Dutton J. B. Machinery Co., 58 Washington blvd, Detroit, Mich.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Essmueller Mill Furnishing Co., 1222 S 8th, So. Louis, Mo.
Fraser Co., 667 E Water, Milwaukee, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Gump B. F. Co. (Rebuilt Machinery), 431 S Clinton, Chicago, Ill.
HOWES S. CO., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor") Cleaners, Separators, Scourers, Polishers, Packers, Feeders, Mixers, Shuckers, Dust Collectors, etc), Silver Creek, N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Moore Geo. W. Co., 2144 W Fulton, Chicago, Ill.
Munson Mill Machinery Co. (Buhr Stone Mills), Utica, N. Y.
Nordyke & Marmon Co. (All Kinds), Kentucky av & Morris, Indianapolis, Ind.
Nove Bros. Co., Buffalo, N. Y.
Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.
Richmond Mfg. Co., Lockport, N. Y.
ROBINSON MFG. CO., Muncy, Pa.
Salem Foundry & Machine Works, Salem, Va.
Savage W. J. Co., Knoxville, Tenn.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Simpson-Orville Co., Cincinnati, O.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Southwestern Engng. Co., Springfield, Mo.
Sprout Waldron & Co., Muncy, Pa.
Starr B. F. Co., 445 Guilford av, Baltimore, Md
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Ty-Sa-Man Machine Co., Knoxville, Tenn.
Wolf Co. (Complete Plants), Chambersburg, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

8321—Flour Sifting & Mixing Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Read Machinery Co., York, Pa.
Robinson Mfg. Co., Muncy, Pa.
Rockwell L. A. Co. (Also Blenders), 430 Smith, Brooklyn, N. Y.
Triumph Mfg. Co., Cincinnati, O.
Wolf Co., Chambersburg, Pa.

8322-3—Flower Pot Machinery

Baird Machine & Mfg. Co. ("Baird" Automatic Pottery Molders), 265 E Jefferson av, Detroit, Mich.
Ivens, Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Taplin-Rice-Clerkin Co., Akron, O.

Flue Cleaning Machinery

See Cleaners, Boiler Flue or Tube, Steam or Power

8324-5-6—Flue Welding Machines

See also Furnaces, Flue Welding; also Pneumatic Flue Welders

Hartz H. V. Co., Cuyahoga & Mahoming av, Cleveland, O.
Hauck Mfg. Co., 101 11th, Brooklyn, New York
MacLeod Co. (Paint, White Wash Spraying Machine), 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Federal Elec. Welder Co. (Electric), Warren, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

8327—Fluting & Plaiting Machines

North Bros. Mfg. Co. ("Crown" Fluting Machines), Lehigh av and American, Philadelphia, Pa.

8328—Fly Inserting Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

8329—Folding Box Machinery

United Printing Machinery Co., 100 Summer, Boston, Mass.

8330—Foot Power Sawing Machines

Millers Falls Co. ("Cricket"); Works: Millers Falls, Mass.

8331-2— Forging Machines

See also Hammers, Power; also Presses, Power; also Presses, Hydraulic Forging; also Bulldozer or Bending Machines

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg Co., 3830 Lakside av, Cleveland, O.
BEAUDRY & CO., INC. ("Champion" "Peerless" belt or motor driven), 43 Bromfield, Boston, Mass. *See adv index at end of book*
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co., Mt. Gilhead, O.
Lourie Mfg. Co. (Hydraulic), Springfield, Ill.
MERRILL BROS. (Hammers), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
Morris Engineering Co. of N. Y. (Automatic Liquid Metal), 39 Cortlandt, New York
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
Toledo Machine & Tool Co., Toledo, O.
Union Switch & Signal Co., Swissvale, Pa.
United Hammer Co. ("Fairbanks"), 45 Bromfield, Boston, Mass.
Williams, White & Co., Moline, Ill.

Forging Machines (Hydraulic)

See Presses, Hydraulic Forging

8333 — Forgings — Upsetting, Machinery

Anniston Electric Steel Co., Dept. H, Anniston, Ala.
Bonney Forge & Tool Works, Allentown, Pa.
Norris Bros., Robinson, Ill.

8334—*Forming Machines (Hydraulic)

Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

8335—Forming & Bending Machines

See also Wire Forming Machines; also Wood Forming Machines

Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
AMERICAN CAN CO. (Machinery Dept.) (For Tin & Sheet Metal), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Badger State Machine Co., Janesville, Wis.
Baird Machine Co. ("Automatic Wire"), Bridgeport, Conn.
Bertsch & Co., Cambridge City, Ind.
Coulter & McKenzie Machine Co. (For Wire & Sheet Metals), Bridgeport, Conn.
Dreer & Krump Mfg. Co., 2901 S Halstead, Chicago, Ill. *See adv index at end of book*
Frost C. L. & Son, Grand Rapids, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hartford Machine Screw Co. (Forming), Hartford, Conn.
Hendley & Whittemore Co. ("Beloit"), (Slip Roll Hand), Beloit, Wis.
Hilles & Jones Co., East Wilmington, Del. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lang E. M. Co., Portland, Me.
Leffler Chas. & Co. (Can Forming, Bending, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Long & Allstatter Co. (Horizontal), Hamilton, O.
Metal Package Corp. of N. Y. (For Tin Sheet Metal), 509 5th av, New York *See adv index at end of book*
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL WORKS (Sheet Metal), Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ohl Geo. A. & Co. (Sheet Metal), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co. (Sheet Metal), Southington, Conn.
Robinson J. M. Mfg. Co. (Sheet Metal), 3232 Spring Grove av, Cincinnati, O.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
Swaine Fred. J. Mfg. Co. (Can Body), 7th & O'Fallon, St. Louis, Mo.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Whiting Geo. Co. (Forming), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams, White & Co., Moline, Ill.
Wood Wm. H., Media, Pa.

8336—Forming & Curving Machines

NIAGARA MACHINE & TOOL WORKS. (For Corrugated Material), Buffalo, N. Y. *See adv index at end of book*

8337— Foundry Machinery

See also the Specific Article Required

Dayton-Dowd Co. ("Reliable") Quincy, Ill.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
SHUSTER F. B. CO. (Sprue Cutters), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Tabor Mfg. Co., 18th & Hamilton, Philadelphia, Pa.

8338—Fourdrinier & Cylinder Paper Machines

Bagley & Sewall Co., Watertown, N. Y.
Beloit Iron Works, Beloit, Wis.
Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Machine Co., Lee, Mass.
Emerson Mfg. Co., Lawrence, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Pusey & Jones Co., Wilmington, Del.
Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Smith & Winchester Mfg. Co., South Windham, Conn.

8339—Fraying Machines (Carpet)

Reed Mfg. Co. (Hand & Power), Springfield, O.

Freight Handling Machines

See Conveyors, Freight

8340—*Fruit Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

8341—Fruit Grading & Packing Machines

Anderson-Barngrover Mfg. Co., San Jose, Cal.
Premier Machinery Co., Oakland, Cal.
Success Seed Grader Co., Spokane, Wash.

Fruit Package Stapling Machines

See Wire Stapling Machinery

Fruit Paring Machines

See Parers, Fruit & Vegetable

8342—Fruit & Vegetable Pulp Rubbing Machines

Kelso & Co., 559 W Quincy, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

Fuel Briquetting Machinery

See also Briquetting Machines

8343—Fuller's Earth Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Sprout Waldron & Co., Muncy, Pa.

Fur Dressing Machinery

See Fur Manufacturers' Machinery

8344—Fur Manufacturers' Machinery

Almond David (Blowers, Mixers, Cutters, etc), 88 Warren, Newark, N. J.
Corey Machine Co. (For Combing, Washing & Clipping Fur Skins), Gloversville, N. Y.
Horstmann F. W. Co., Irvington, N. J.
Newark Leather Machy. Co., Inc. (Fur Stretching & Fleshing), 153 Frelinghuysen av, Newark, N. J.
Osann Frederick Co. (Beating & Sewing), 245 7th av, New York

8345—Furnace Charging Machines

See also Furnaces, Various Kinds

Brosius Elgar E., Benedum Trees bldg, Pittsburgh, Pa.
Morgan Engineering Co. (For Both Horizontal and Vertical Furnaces), Alliance, O.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Whiting Corp., Dept. H, Harvey, Ill.

8346—*Furnace Pipe Seaming Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8347-8— Fuse Machinery

Langelier Mfg. Co., Arlington, Providence, R. I.

8349—Galvanizing Machinery

Erie Foundry Co. (Sheet), Dept. H, Erie, Pa.
McDermott P. J., Martins Ferry, Ohio.
National Galvanizing & Plating Equipment Corp. (Electro), 52 B'way, New York
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.

Gang Drilling Machines

See Wood Gang Drilling Machines; for Metal Drills, see Drilling Machines, Gang

8350—Gang Slitting Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.

Garbage Disposal Machines

See Garbage Disposal Plants

8351—*Garment Pressing Machines (Steam)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

8352—Gas Burner Drilling Machines

Michigan Press Co., Ypsilanti, Mich.

8353— Gas Machines

Brauer Acetylene Lighting Co., Marshalltown, Ia.
Climax Machine & Burner Co., 133 3rd av, Newark, N. J.
Daugherty W. Co., Princeton, Ind.
Davis & Thomas Co. (Coal and Water), Catasaqua, Pa.
Detroit Heating & Lighting Co. (Combination), Lieb & Wight, Detroit, Mich.
Incandescent Light & Stove Co., Madisonville, Cincinnati, O.
Kemp C. M. Mfg. Co. ("Climax" "Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E. Oliver, Baltimore, Md.
Matthews Gas Machine Co. (Supplies), 180 N Dearborn, Chicago, Ill.
Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.
Selas Co. (Fuel Gas for Mfg), 521 W 23d, New York
Speer Gas Machine Mfg. Co., 412-413 Bumiller bldg, Los Angeles, Cal.
Stonington Gas Lighting & Electric Co., Stonington, Me.
Sunlight Gas Machine Co., 68 Summit, N. Y.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
United States Gas Machine Co., Muskegon, Mich.
Walther-Volger Gas Mach. Co., Davenport, Ia.
Whiteacre J. E. Mfg. Co., Rockford, Ill.

8354—Gas Machines (Acetylene)

Abner Mfg. Co., Wapakoneta, O.
Air Reduction Sales Co., 120 B'way, New York
Bauer Machine Works Co., Kansas City, Mo.
Brauer Acetylene Lighting Co. ("Brauer"), Marshalltown, Ia.
Breher L. S., 183-187 W Third, St. Paul, Minn.
Brooks Machine Co. ("Brooks" Automatic Generators for Oxy Acetylene Welding), Wichita, Kansas
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Charbeneau J. C., Mt. Clemens, Mich.
Colt J. B. Co., 30 E 42nd, New York
Davis Acetylene Co. (Carbide Feed), Elkhart, Ind.
Detmer Mfg. Co., 2518 Archer av, Chicago, Ill.
Erth Lithe Mfg. Co., Charleston, Ill.
Gem City Acetylene Generator Co., Dayton, O.
Hercules Mfg. Co., Chattanooga, Tenn.
Herz Mfg. Co., St. Paul, Minn.
Ideal Acetylene Co., Johnstown, Pa.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
International Oxygen Co. (dirs.), 796 Frelinghuysen av, Newark, N. J.
Ireland Mfg. Co., Washington C. H., O.
K. C. Generator Co., Kansas City, Mo.
Kentucky Oxygen-Hydrogen Co., 1416 Magazine, Louisville, Ky.
Krein Mfg. Co. ("Abner"), Wapakoneta, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Milburn Alexander Co. (Generators for House Lighting, etc), 1420 W Baltimore, Baltimore, Md.
Model Generator Co., Louisville, Ky.
New England Mfg. Co., 1st National Bank bldg, Chicago, Ill.
Night Commander Lighting Co., Jackson, Mich.
Oxweld Acetylene Co. ("Pilot"), 640 Frelinghuysen av, Newark, N. J.
Phelps Mfg. Co., 38 S Dearborn, Chicago, Ill.
Rose Mfg. Co. ("Nervous"), 910 Arch, Phila., Pa.
St. Clair Mfg. Co. ("Daytonia"), Dayton, Ohio
Sober, C. K. (Lumber), Lewisburg, Pa.
Superior Oxy-Acetylene Machine Co., Hamilton, O.
Texas Acetylene Co. ("New Idea"), Cleburne, Texas
Torchweld Equipment Co., 224 N Carpenter, Chicago, Ill.
U. S. Standard Co. ("Night Commander"), Voorheesville, N. Y.

8355—Gas Machines (Gasoline)

Economy Gas Lamp Co., 236 Goodrich, Kansas City, Mo.
Economy Gas Machine Co. ("Economy"), Rochester, N. Y.
Freeport Gas Machine Co., Freeport, Ill.
Hawkeye Mfg. Co., Waterloo, Iowa
Incandescent Light & Stove Co., Madisonville, Cincinnati, O.
Kemp C. M. Mfg. Co. ("Climax" Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.
Matthews Gas Machine Co., 180 N Dearborn, Chicago, Ill.
Severance Gas Machine Co., Freeport, Ill.
Tirrill Gas Machine Lighting Co. (For Lighting, Cooking, Heating & Power), 103 Park av, New York
Wather-Vogler Gas Machine Co. (Cold Process), Davenport, Iowa
Whitacre J. E. Mfg. Co., Rockford, Ill.

8356—Gas Machines (Naphtha Gas)

Kemp C. M. Mfg. Co. ("Twentieth Century" for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.

8357—Gas Retort House Machinery

WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

8358—Gas Works Machinery

struction; also Specific Article Required

Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Gas Machinery Co. ("Gasmaco" By-Prod-
See also Gas Works Apparatus & Conduct Machinery, etc.), 1900 Euclid av, Cleveland, O.
Isbell-Porter Co. (Charging & Discharging Machinery, Extractors, etc), 46 Bridge, Newark, N. J.
Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

8358a—Gas & Air Mixing Machines

Kemp, C. M. Mfg. Co. ("Kemp" for Reducing Gas Consumption), 405 E. Oliver, Baltimore, Md.

8359—Gate Hook Machines (Automatic)

Nilson A. H. Machine Co., Bridgeport, Conn.

8360—Gear Cleaning Machines

Crowther T. & Co. (Automatic), 170 Oliver, Boston, Mass.
Upton & Gilman Machine Co. (Automatic), Lowell, Mass.

8361—Gear Cutting Machines

Bilgram Machine Works (Bevel), 1235 Spring Garden, Phila., Pa.
Bilton Machine Tool Co. The ("Bilton" Automatic Gear Miller), Bridgeport, Conn.
Brown & Sharpe Mfg. Co. (Automatic), Providence, R. I.
Cincinnati Gear Cutting Machine Co. (Automatic), Elam & Garrard av, Cincinnati, O.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass. *See adv index at end of book*
Fellows Gear Shaper Co., Springfield, Vt.
Flather Mfg. Co. (Automatic), Nashua, N. H.
Garvin Machine Co., 147 Varick, New York
GLEASON WORKS (Bevel, Spiral Type Bevel, Roughing and Finishing), 1000 University av, Rochester, N. Y. *See adv index at end of book*
Gould & Eberhardt (Automatic Gear & Pinion), 97 N. J. R. R. av, Newark, N. J.
Machine Products Co., E 179th & St. Clair, Cleveland, O.
Mafetro Machine & Tool Co., Worcester, Mass.
New Britain Machine Co. ("New Britain"), New Britain, Conn.
Newark Gear Cutting Machine Co. (Automatic), 69 Prospect, Newark, N. J.
Newton Machine Tool Works, 23rd & Vine, Philadelphia, Pa.
Pratt & Whitney Co. (Involute & Epicycloidae), Hartford, Conn.
Reynolds Machine Co. (Automatic), Massillon, O.
Simmons Machine Co. (Inc.), 987 Broadway, Albany, N. Y.
Sloan & Chase Mfg. Co. (Ltd.), (Automatic), 351 6th av, Newark, N. J.
Stevenson Gear Co. ("Stevenson" Multiple Shaper), 942 Daly, Indianapolis, Ind.
WALTHAM MACHINE WORKS (Small, Automatic), Waltham, Mass.
WHITON D. E. MACHINE CO., New London, Conn. *See adv index at end of book*
Woodward Machine Co., Wooster, O.

8362—Gear Hobbing Machines

Adams Co. ("Farwell' Automatic), Dubuque, Ia.
Barber-Colman Co., Rockford, Ill.
Bilton Machine Tool Co., The, ("Bilton"), Bridgeport, Conn.

Gould & Eberhardt, 97 N J. R. R. av, Newark, N. J.
Gray Machine Tool Co., Inc., 2661 Main, Buffalo, N. Y.
Lees-Bradner Co., Cleveland, O.
MEISSELBACH - CATUCCI MFG. CO. ("M-C" Hobbing Gear Cutter), 56 Stanton, Newark, N. J.
See adv index at end of book

M-C GEARS PINION ROD
Gear Hobbing Machines
Meisselbach-Catucci Mfg. Co.
56 Stanton St., Newark, N. J.

Reynolds Machine Co. (Automatic)
Schuchardt & Schutte (Automatic, from 1-4 to 128 inch), 90 West, New York
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8362a—*Gear Moulding Machines

FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*

8363—Gear Testing Machines

Adams Co. ("Farwell"), Dubuque, Ia.
Gisholt Machine Co., Madison, Wis.
GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.

8364—Gear Tooth Rounding Machines

Ingle Machine Co., 175 M Winston rd, Rochester, N. Y.
Walker Chas. H. Machine Co., 819 Lawton, Detroit, Mich.

8365-6—Gelatine Coating Machines

Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.

8367—Gin Saw Filing Machines & Gummers

Bradley Gin Saw Filer Co., Dallas, Tex.
Carver Cotton Gin Co., East Bridgewater, Mass.
Creasy Rotary Filer Co., Ballinger, Tex.
Wood A. A. & Sons Co. ("Duplex"), Atlanta, Ga.

8367a—Glass Beveling Machinery

See also Glass Polishing Machines

Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Lange Henry G., 162 N May, Chicago, Ill.

8368—Glass Blowing Machines

Armand Machine Wks. Inc., 448 N Wells, Chicago, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Miller Machine & Mould Works (Automatic), Columbus, Ohio
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8369—Glass Decorating Machinery

Tilghman Brookshank Sand Blast Co. (Sand Blast Etching Machines), 1126H S 11th, Philadelphia, Pa.

8370—Glass House Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Acton John (Glass Roughing, Smoothing, etc), 118 John, Brooklyn, N. Y.
Armand Machine Works, Inc., 448 N Wells, Chicago, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Evans Mold & Foundry Co., Uniontown, Pa.
Krebs Emil & Sons, Elwood, Ind.
O'Neill Machine Co., Toledo, O.
Patch S. B. & Sons Co., Streator, Ill.
Rochester Mould & Machine Co., Rochester, Pa.
Rosedale Foundry & Machine Co. (For Plate, Wire & Ribber Glass), Columbus & Preble, Pittsburgh, Pa.
Smith T. L. Co. ("Smith" Glass Batch Mixers), 1151 32d, Milwaukee, Wis.
See adv index at end of book
Sommerfeld Mach. & Mfg. Co., 216 2d av, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8371—Glass Polishing Machines

Acton John, 118 John, Brooklyn, N. Y.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Lange Henry G., 162 N May, Chicago, Ill.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

8372— Glazing Machines

Luther Mfg. Co. (Knife), Olean, N. Y.
Sigwart & Rolston, 341 2nd av, Pitsburgh, Pa.

8373— Glossing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

8374—Glove Machinery, Etc.

Corey Machine Co., Gloversville, N. Y.
Curtin Herbert Co. (Special Machine & Glove Sewing Machines; also All Kinds of Machinery for Leather, Canvas & Silk Glove Mfrs.), Gloversville, N. Y.
Gustin M. & Son (Cutting Dies), Johnstown, N. Y.
Haag's Cutting Die Works (Glove Cutting Dies, etc), Gloversville, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

8375—Glue Cutting Machines

Black-Clawson Co. (Hand or Belt Power), Hamilton, O.

8376—Glue Factory Machinery & Apparatus

American Process Co., 68 William, New York
Francis Chas. E. Co., Rushville, Ind.
Joslin Schmidt Co., 3223 Spring Grove av, Cincinnati, O.
Mead & Co., Detroit, Mich.

8377—Glue Jointing Machines

Falls Machine Co. (Automatic), Sheboygan Falls, Wis.
Francis Chas. E. Co., Rushville, Ind.
Linderman Steel & Machine Co. "Linderman" Dovetail), Muskegon, Mich.
Yates P. B. Machine Co., Beloit, Wis.

8378—Glue Spreading Machines

Boyle John & Co., Peabody, Mass.
Francis Chas. E. & Co., Rushville, Ind.
Grand Rapids Veneer Wks., Grand Rapids, Mich.
Towsley Jno. T. Mfg. Co., Cincinnati, O.



8379—Glycerine Machinery & Apparatus

Badger E. B. & Sons Co. (Complete Plants), 75A Pitts, Boston, Mass.
See adv index at end of book
Garrigues Wm. & Co., 154 Nassau, New York & Chicago
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.
Jobbins Wm. F., Inc. ("J. Van Ruymbeke's," for Crude & Refining), Aurora, Ill.

Gold Dredging Machinery

See Dredges, Gold & Placer Mining

8379a—*Gold & Silver Rolling Mill Machinery

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

8380— Graduating Machines

Brandis Sons Mfg. Co., 754 Lexington av, Brooklyn, N. Y.
Burr Co., Champaign, Ill.
Hope Jno. & Sons Engraving & Mfg. Co. (Precision, for Steel Tools, etc), 1 Mashapaug, Providence, R. I.
LeBlond R. K., Machine Tool Co., Cincinnati, O.

8380a—*Grain Cleaning Sieves & Screens

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

8381—Grain Cleaning & Grading Machinery

See also Flour Mill Machinery

Barnard Machinery Co., Dept. H, Enterprise, Kans.
Barnard & Leas Mfg. Co., Moline, Ill.
Constant B. S. Mfg. Co., Bloomington, Ill.
Fooston-Carpenter Co. ("Fooston" Automatic Elevator), St. Paul, Minn.
Ghent Mfg. Co. ("Wonder"), Ghent, Minn.
HOWES S. CO., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain, Seed, Rice, Flax, Malt, Coffee, Peanuts, Vegetables, etc), Silver Creek, N. Y.
International Mfg. Co., Crestline, O.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Leader Machine Co. (for Grain & Seeds), 2841 N Francisco av, Chicago, Ill.
Maytag Co. ("Hawkeye"), Newton, Ia.
Messinger Mfg. Co., Tatamy, Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Premier Machinery Co., Oakland, Cal.
Prinz & Rau Mfg. Co. (Iron Prince Scourer), 659 E. Water, Milwaukee, Wis.
Richmond Mfg. Co., Lockport, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Smith Philip Mfg. Co., Sidney, O.
Sprout, Waldron & Co., Muncy, Pa.
Success Seed Grader Co., Spokane, Wash.
Twin City Separator Co., 29th & Colfax av, S Minneapolis, Minn.
Union Iron Works, Inc. ("Western") Decatur, Ill.
Wolf Co., Chambersburg, Pa.

8382—Grain Elevator Machinery & Appliances

Amer. Grain Separator Co., Erie & S E Essex, Minneapolis, Minn.
Barnard Mfg. Co., Spokane, Wash.
Chain Belt Co., Milwaukee, Wis.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Globe Machinery & Supply Co., Des Moines, Ia.
Great Western Mfg. Co., Leavenworth Kans.
Hastings Foundry & Iron Works, Hastings, Neb.
Howes S. Co., Silver Creek, N. Y.
JEFFREY MFG. CO., 961 N Fourth Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McDonnell Boiler & Iron Wks., Des Moines, Ia.
Marseilles Works of Deere & Co., East Moline, Ill.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Moore Geo. W. Co., 2144 W Fulton, Chicago, Ill.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Power Equipment Co., 212 3rd av, N Minneapolis, Minn.
Premier Machinery Co., Oakland, Cal.
Robinson Mfg. Co., Muncy, Pa.
Smith Philip Mfg. Co., Sidney, O.
Sprout Waldron & Co., Muncy, Pa.
Southwestern Engng. Co., Springfield, Mo.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Success Seed Grader Co., E 1027 Marietta av, Spokane, Wash.
Union Iron Works, Inc., Decatur, Ill.
WEBSTER IRON WORKS, INC., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kastner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
York Foundry & Engine Works, York, Pa.

8383— Grain Fan Machines

Blymyer Iron Works Co. (For Rice), Cincinnati, O.

8384—Grain Scouring & Polishing Machines

Anglo Am. Mill Co. (Scourers only), Owensboro, Ky.
HOWES S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain of All Kinds), Silver Creek, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sidney Elevator Mfg. Co., Sidney, O.
Wolf Co., Chambersburg, Pa.

Granite Column Cutting Machines

See Stone Cutting Machines

8385—Granite Sawing Machines

American Granite Saw Co., Worcester, Mass.

8386— Granulating Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New New York. *See adv index at end of book*
Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.

8387—Granulating Machines (Clay)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

8388—Granulating Machines (Coffee)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8389—Granulating Machines (Sugar)

Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Haubtman & Loeb Co. Ltd., 618 Magazine, New Orleans, La.
Hersey Mfg. Co., 314 W 2d, South, Boston, Mass.

8390—Grape Stemmer & Crushing Machines

Hydraulic Press Mfg. Co. (Grape Crushers), Mt. Gilead, O.
Klotz Machine Co., Sandusky, O.

8391—Gravity Incline Machines

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

8391a— Grease Cake Making

Venango Mfg. Co., Franklin, Pa.

8392—Green Pea Cleaning & Grading Machines

Brown & Sharpe Mfg. Co., Dept. H, Providence, R. I.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co. ("Clipper," "Eureka" & "Monitor"), 222 N Wabash av, Chicago, Ill.

8392a— Grinding Machinery

See also Grinders; also Mills, Grinding; also Paint Grinding & Mixing Machinery; also Pulverizing Machinery

Badger Tool Co., Beloit, Wis.
Cortland Grinding Wheel Corp ("Cortland King"), Cortland, N. Y.
St. Louis Machine Tool Co., 922H Loughborough, St. Louis, Mo.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
W. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.

8393—Grinding Machines (Ball)

Lutz Co. Inc., Morris & Bambrey, Philadelphia, Pa.

8394-5—Grinding Machines (Burr Cylinder)

Leigh & Butler ("Dronsfield Bros."), 232 Summer, Boston, Mass.

8396—Grinding Machines (Car Wheel)

Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Norton Grinding Co., Worcester, Mass.
Q. R. S. Co., 1761 Elston av, Chicago, Ill.
Springfield Mfg. Co., Bridgeport, Conn.

Grinding Machines (Flint)

See Mills, Ball & Pebble

8396a—Grinding Machines (Hob & Form Cutters

Harris H. Engng. Co., Bridgeport, Conn.
Landis Tool Co., Waynesboro, Pa.

8397—Grinding Machines (Nail Die & Springs)

SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book

Grinding Machines (Quartz)

See Mills, Quartz

8398-9-400—Grinding Machines (Rail)

Indianapolis Switch & Frog Co., Springfield, O.
Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.

Grinding Machines (Silex)

See Mills, Ball & Pebble

8401—Grinding Machines (Spiral Cutter)

Sloan & Chase Mfg. Co. (Also for Small Milling Cutters), 351 6th av, Newark, N. J.

8402—Grinding & Polishing Machines

See also Lathes, Buffing & Polishing; also Grinders, Various Kinds; also Polishing Machines

Blevney Machine Co. ("Blevney" Hand, Semi-Automatic & Automatic), Greenfield, Mass.
Blount J. G. Co. (Grinding, Polishing & Buffing Machines Combined), Everett, Mass.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Dept. H, Providence, R. I.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass. *See adv index at end of book*
Diamond Machine Co. ("Diamond" Swing Frame), Providence, R. I.
Dopp J. W. Co. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.
Duisdieker Foundry & Mfg. Co., Pekin, Ill.
Dopp J. W. & Co. (Dealers), 18 W Columbia, Detroit, Mich.
Grand Rapids Grinding Machine Co., 17 Ottawa av N W, Grand Rapids, Mich.
Hemming Bros. Co. (Automatic Cutlery & Gun Barrel), New Haven, Conn.
HENDERSON BROS. CO. (Tumbling Barrels, all kinds), 133 South Leonard, Waterbury, Conn.
Herbert Alfred, Ltd., 54 Dey, New York
See adv index at end of book
Kane & Roach, Syracuse, N. Y.
Kemp Jas N. Machine Works, Albany, N. Y.
Myers Machine Co. ("Myers"), Columbia, Pa.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Perkins Grinder Co., 706 Am. Trust bldg, Cleveland, O.
Production Machine Co. ("Production"), Greenfield, Mass.
Roth Bros. & Co. (Electric), 1400 W. Adams, Chicago, Ill.
Royersford Foundry & Machine Co., Royersford, Pa.
Safety Emery Wheel Co. (Swing Frame), Springfield, O.
Stow Mfg. Co. (Inc. (Stone), Binghamton, N. Y. *See adv index at end of book*
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.
Universal Grinding Mach. Co., Fitchburg, Mass.
Valley City Machine Works, Grand Rapids, Mich.

8403—Grommet Setting Machines

Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

8404— Grooving Machines

Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.
Walco Mfg. Corp. ("Esco"), Providence, R. I.

8405— Grubbing Machines

Caward R. S., Cresco, Ia.
Smith Mfg. Co., La Crosse, Wis.

8406— Gum Tape Machines

Metal Specialties Mfg. Co. ("No. 5" "Anchor," 3 Sizes), 338 N Kedzie av, Chicago, Ill.
National Binding Machine Co., 260 West New York

8407—Gun Barrel Reaming Machines

Diamond Machine Co. ("Diamond"), Providence, R. I.

8408—Gun Barrel Turning Machines

Baush Machine Tool Co., Springfield, Mass.

8409—Gun Powder Machinery

Baker's Sons J & Perkins Co., Inc., White Plains, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Scott Olin (Est. of), Bennington, Vt.

8410— Gun Stock Machinery

Defiance Machine Works (Turning, Shaping & Inleting), Defiance, O.

8411—Gutter Forming Machinery

See also Conductor Pipe & Eave Trough Machinery

Double Truss Cornice Brake Co. ("Electric City"), Buffalo, N. Y.

8412-3— Gypsum Machinery

See also Plaster Mill Machinery

American Process Co., 68 William, New York
Butterworth & Lowe, Grand Rapids, Mich.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.
McDonnell Boiler & Iron Works Co., Des Moines, Ia.
Manitowoc Engineering Works, Manitowock, Wis.
Sprout Waldron & Co., Muncy, Pa.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.

8414— Hack Saw Machines

See also Saw Blades & Frames, Hack

Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.
Atkins E. C. & Co. ("Kwik Kut" Power), Indianapolis, Ind.
Burroughs Tool Co. ("Burro"), 87 Warren, New York
DIAMOND SAW & STAMPING WORKS ("Sterling," also High Speed), 357 7th, Buffalo, N. Y.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Marpoe Mfg. & Supply Co. (Improved Portable), 1946-48 Elston av, Chicago, Ill.
Millers Falls Co. ("Star" Power), 28 Warren, New York
Myers Machine Tool Co. ("Myers" Improved Geared), Columbus, Pa.
North Wales Machine Co., Inc. ("North Wales" Geared Power), North Wales, Pa.
Peerless Machine Co. (Powers), 1619 Racine, Racine, Wis.
Pratt W. D. (Quick Return), Canton. O.
Racine Tool & Machine Co., Racine, Wis.
Robertson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
Strong, Carlisle & Hammond Co. (The "Victor" Power), 336 Frankfort av, N W, Cleveland, O.
Thompson H. G. & Son Co. ("Eureka," "Milford"), New Haven, Conn.
Track Necessities Co. ("Schmidt" Hand, for Rails, etc.), 343 S Dearborn, Chicago, Ill.
West Haven Mfg. Co. ("Universal" & Acme"), West Haven, Conn.
Western Tool & Mfg. Co. ("Champion" Power), Springfield, O.

8415—Hair Washing Machines

American Machine & Foundry Co., Atlanta, Ga.
Baker G. W. Machine Co., Wilmington, Del.
Turner Tanning Machy. Co. ("Turner"), Peabody, Mass.

8416—Ham Branding Machines

Brecht Co., 1201 Cass av, St. Louis, Mo.

8417—Hand Bending Machines

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Hinman D. A. & Co., Sandwich, Ill.

8418—Hand Hole Cutting Machines

Chase Turbine Mfg Co., Orange, Mass.
Fischer Machine Works (Automatic for Wood), 1845 Carroll av, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rock River Machine Co., Janesville, Wis.

8419—Hand Shearing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York

8420—Hand Stamp Makers' Machinery

Force W. A. & Co., 535 Pearl, New York

8421-2—Handle Blank Sawing Machines

Klotz Machine Co., Sandusky, O.
Trevor Mfg. Co. (Automatic), Lockport, N. Y.

8423—Handle Polishing Machines

Defiance Machine Works (Automatic), Defiance, Ohio
Klotz Machine Co., Sandusky, O.

8424—Handle Scroll Machines

Klotz Machine Co., Sandusky, O.

8425—Handle Throating Machines

Klotz Machine Co., Sandusky, O.

8426—Handle Tumbling Machines

Trevor Mfg. Co., Lockport, N. Y.

Handle Turning Machinery

See Lathes, Handle Turning

8427— Hardware Machinery

Baird Machine Co. (Piano, Automatic), Bridgeport, Conn.
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Harron, Pickard & McCone (Jobbers), 139 Townsend, San Francisco, Cal.
Herrick & Cowell, New Haven, Conn.

8428— Harness Machinery

Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.
Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
International Harness Machinery Co., 708 Broadway, Cincinnati, O.
Randall J. D. Co., 610 W Court, Cincinnati, O.
Ross-Moyer Mfg. Co., Cincinnati, O.
Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8429—Harness Riveting Machines

Rock Island Mfg. Co., Rock Island, Ill.
Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8430—Harness Sewing Machines

Bauer Machine Co. (Lock Stitch, Wax Thread), Jeffersonville, Ind.
Campbell-Bosworth Machine Co. (Lock Stitch Wax Thread), 205 Lincoln, Boston, Mass.
Champion Shoe Machinery Co. 3727 Forest Park blvd, St. Louis, Mo.
Davis Sewing Machine Co. ("Davis") Dayton, Ohio
International Harness Machinery Co. (Wax Thread), 708 Broadway, Cincinnati, O.
Landis Mach. Co. (Wax Thread), 25th & Mullanphy, St. Louis, Mo.
Puritan Mfg. Co., 121 Beach, Boston, Mass.
Randall J. D. Co., 610 W Court, Cincinnati, O.

Harvesting Machinery

See Harvesters, Various Kinds

8431— Hatters' Machinery

Almond David, 88 Warren, Newark, N. J.
Bulasky L., 44 E Houston, New York
Clark Wm. C. (Stamping), Dept. H, Franklin, Mass.
Cuming M. A. & Co., 43 Bleeker, New York
Doran Bros., Danbury, Conn.
Durbrow & Hearne Mfg Co, 12 Wooster, New York
Ermold Edward Co. (The Printing Presses) 656 Hudson, New York
Morlack Machine Works, Danbury, Conn.
Muller Fred, 214 Lackawanna av, Newark, N. J.
New Machine Co., Danbury, Conn.
Newark Hat Block & Machine Co., 320 Ogden, Newark, N. J.
Turner Machine Co. (Also Hatters' Supplies), Danbury, Conn.

8432—Hay and Grain Unloading Machinery

MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*

8433—Heading Chipping Machines

Oram John S. Co., 1316 E 53rd, Cleveland, O.

8434—Heading Jointer & Doweling Machines

Oram John S. Co., 1316 E 53rd, Cleveland, O.

8435—Heading Jointing Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8436—Heading Rounding Machines

Oram John S. Co., 1316 E 53rd, Cleveland, O.

8437—Heading Turning Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8438—Heading, Upsetting & Forging Machines (Combined)

Ajax Mfg. Co., 3830 Lakeside, Cleveland, Ohio

8439—Heading & Shingle Sawing Machines

Ireland Machine & Foundry Co., Norwich, N. Y. *See adv index at end of book*
Oram John S. Co., 1316 E 53rd, Cleveland, O
Rochester Barrel Machine Works (Pendulous), Rochester, N. Y.
Taylor Iron Works & Supplies Co., 1014H, Broadway, Macon, Ga.

8440— Heating Machines

See also Furnaces, Annealing & Case Hardening

American Gas Furnace Co. (For Hardening Annealing, etc), 24 John, New York
Otis Boiler Co. Inc., 335 W 1st, Oswego, N. Y.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

8441—Heel Building Machines

United Shoe Machinery Co. ("Boss"), 205 Lincoln, Boston, Mass.

8442—Hide Stamping Machines

Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8443—Hide & Leather Working Machinery

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Boyle John & Co. (Shaving Macine), Peabody, Mass.
Evans' John Sons, 506 N 13th, Phila., Pa.
Hemingway Machine Co., Lynn, Mass.
Hide & Leather Wrkg. Machine Co. (Tanning & Currying Machines, Unhairing Machines, Parts, Tools, etc.), 4215 Meinecke av, Milwaukee, Wis.
Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Layman A. C. Machine Co., Wilmington, Del.
Loy & Newrath Co., 35 Runyon, Newark, N. J.
Martin Wm. F. (Tan Presses, Finishing Machines, etc), Salem, Mass.
Munkwitz Edw. H. Co., 159 Muskego av, Milwaukee, Wis.
Newark Leather Machine Co., 153 Frelinguysen av, Newark, N. J.
Slocomb F. F. & Co. (Staking & Glazing Machines, etc), 14th & Poplar, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.
Woburn Machine Co., Woburn, Mass.

8444—Hinge & Butt Machinery

Baird Machine Co. (Semi-Automatic & Automatic), Bridgeport, Conn.
Erie Forge Co. (Stamp), Erie, Pa.
Ferracute Machine Co., Bridgeton, N. J.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Hod Hoisting Machines

See Elevators, Hod

8445—Hoe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

8446—Hog & Beef Casing Cleaning Machines

Allbright-Neil Co., 5315 Western av, Chicago, Ill.

Hogshead Trussing Machines

See Barrel Trussing Machines

8447— Hoisting Machinery

See also Cranes; also Derricks; also Engines, Hoisting; also Hoists of Various Kinds

Clover Leaf Machine Co., So. Bend, Ind.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Garfield & Co., 1323 Hearst bldg, San Francisco, Cal.
Horton John T. 157th & 8th av, New York
Hoisting Machinery Co., 50 Church, New York
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Ireland Machine & Foundry Co., Norwich, N. Y.
Louden Machinery Co., Fairfield, Iowa.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Norwalk, N. J. *See adv index at end of book*
Munsch & Washburn ("Silent" For Schooners, Lighters), Stone & McDougal, Brooklyn, N. Y.
Myrick Machine Co., 3 to 10 H. P. Aircooled), Olean, N. Y.
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

8448-9—*Hoisting Machinery (Pneumatic & Electric)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*



WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Hollow Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

8450—Hollow Chisel Mortising Machines

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co. (Vertical), Cincinnati, O.
Wysong & Mills Co., Greenboro, N. C.

8451— Hominy Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill

8452—Honey Comb Foundation Machines.

Root A. I. Co., Medina, O.

8453—Hook Bending Machines

AMERICAN CAN CO. (Machinery Dept.), (Single & Double Rail Hook; Former for Lard Pails, Paint Buckets, etc), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Metal Package Corp. of N. Y. (Single & Double Rail Hook, Former for Lard, Pails, Paint Buckets, etc.), 509 5th av, New York

8454—Hook & Eye Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Manville E. J. Mach. Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
Special Machinery Co. (Automatic), Bridgeport, Conn.

8455—Hook & Eyelet Setting Machines

Smith F. H. Mfg. Co. ("Universal" Hand & Foot Power), 3047 Carroll av, Chicago, Ill.

Hoop Driving Machines

See Barrel Hoop Driving Machines

8456—Hoop Flaring, Punching & Shearing Machines

Glader Wm. ("Glader's" for Heavy Work), 210 N Ann, Chicago, Ill
Oram John S Co., 1316 E 53rd, Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8457— Hoop Machinery

See also Barrel Machinery

Defiance Machine Works, Defiance, O.
Rochester Barrel Machine Works (Hoop, Cutters, etc.), Rochester, N. Y.
Stevens Maciné Shops (Shavers, etc.), Winooski, Vt.

8458—Hoop Nailing Machines

Holmes E. & B. Machinery Co., Buffalo, N. Y.

8459—Hoop Punching Machines

Glader Wm. ("Glader's" Automatic), 210 N Ann, Chicago, Ill.
Oram John S Co., 1316 E 53rd, Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8460—Hoop Riveting Machines

Glader Wm., 210 N Ann, Chicago, Ill.
Oram John S Co., 1316 E 53rd, Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8461—Hoop Stapling Machines

Holmes E. & B. Machinery Co., Buffalo, N. Y.
St. Joseph Iron Works, St. Joseph, Mich.

8462—Horn Working Machinery

Cook F. H. & Co., Leominster, Mass.

8463—Horse Clipping Machines

See also Clippers, Horse; also Sheep Shearing Machines
American Shearer Mfg. Co. ("Priest's), Nashua, N. H.
CHICAGO FLEXIBLE SHAFT CO. ("Stewart" Ball Bearing), 5600 W 12th, Chicago, Ill.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft, Electric & Hand Power), Worcester, Mass.
Gillette Clipping Machine Co., 129 W 31st, New York
Packer & Sons, La Grange, Ill.
Taber Pump Co., Buffalo, N. Y.

8464-5—Horse Collar Machinery

See also Harness Machinery

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Randall J. D. Co., 610 W Court, Cincinnati, O.

8466— Horseshoe Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Remington Machine Co., 411 E Front, Wilmington, Del.

8467—Hose Machines (Rubber Mill)

ADAMSON MACHINE CO., Akron, O. *See adv index at end of book*
Birmingham Iron Foundry, ("Birmingham"), Derby, Conn.
Farrel Fdry & Machine Co., Ansonia, Conn.
New England Butt Co., 304 Pearl, Providence, R. I.

8468—Hot Forge Nut Machines

National Machinery Co., Tiffin, O.

8469—Hot Rolled Stock Straightening & Cutting Machinery (Automatic)

Blancke A. C. & Co., 602 S Lake, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

8470-1—Hot Sawing Machines

See also Cold Saw Cutting-Off Machines

Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
American Saw Works, Hackettstown, N. Y.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Espen-Lucas Machine Works (High Speed, etc), 21 Girard av, Phila., Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co. (Horizontal for Rolling Mill, etc.), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
MESTA MACHINE CO., Box 1124 Pittsburgh, Pa. *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engineering & Foundry Co. (Sliding, Swinging & Stationary Saw for Rolling Mills), Farmers Bk. bldg, Pittsburgh, Pa.

8472—Hub Mortising & Boring Machines

Defiance Machine Works (Plain & Hollow Chisel), Defiance, O.

8473—Hub, Spoke & Rim Machinery

Defiance Machine Works, Defiance, O.
Empire Machine W'ks (Spoke Only), Mt. Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Kane & Roach (Boring), Syracuse, N. Y.
Ober Mfg. Co. (Spoke), Chagrin Falls, O.
Smith Phillip Mfg. Co., Sidney, O.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

8474—Hulling Machines (Buckwheat)

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Hydrating Machines

See Lime Hydrating Machinery

8474a—Hydraulic Machinery

See also Accumulators, Hydraulic; Cranes, Hydraulic; Dredging Machinery, Hydraulic; Gauges, Hydraulic; Hydraulic Rams; Jacks, Hydraulic; Lifts, Hydraulic; Presses, Hydraulic, Various Kinds; Pumps, Hydraulic; Punches, Hydraulic; Riveting Machines, Hydraulic; Etc.

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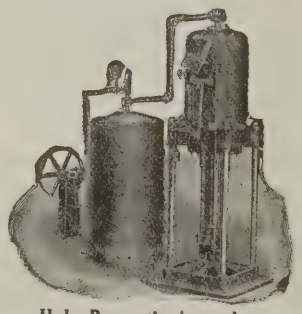
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See adv index at end of book
Hennebohle Frank, 81st & So Chicago av, So Chicago, Ill.
Hension & Hubbell, 219 N Jefferson, Chicago, Ill.
Hydraulic Press Mfg. Co. (The), Mt. Gilead, Ohio
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Worthington Pump & Machinery Corp., 115 B'way, New York

8475—Ice Chipping Machines

Premier Machinery Co., Oakland, Cal.
Schmidt B. L. Co., Davenport, Ia.

8476—Ice Cream Biscuit Machines

Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
Ice Cream Cone Mach. Co., 5800 Hough av, Cleveland, O.
Premier Machinery Co., Oakland, Cal.
Sharp L. C. Mfg. Co. (Hydraulic Cone), Plattsmouth, Neb.
Union Machine Works & Iron Foundry, 1821 S Water, Phila, Pa.

8477— Ice Cream Machines

See also Freezers, Ice Cream

Allman Gas Engine & Machine Co. ("Champion"; also Ice Cream Machine & Ice Breaker Combined), 461 Canal, New York
Davis-Watkins Dairymen's Mfg. Co. (& Equipment), N Chicago, Ill.
Erny Henry, 75 Fulton, New York
Premier Machinery Co., Oakland, Cal.

8478—Ice Crushing Machines

LINK-BELT COMPANY, 300 W. 39th, Chicago Ill. *See adv index at end of book*

8479—Ice Cube Cutting Machines

Reinhold Mfg. Co. ("Jumbo," "Gem"), 139 Beaubien, Detroit, Mich.
Schwenker W. M., 342 E 92d, New York

8480— Ice Cutting Machines

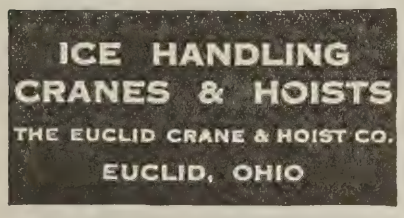
Jennings C. E. & Co. ("Chandler's"), 71 Murray, New York

Ice Elevating Machinery

See Ice Handling Machinery

8481—Ice Handling Machinery

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Detroit Hoist & Machine Co., Detroit, Mich.
See adv index at end of book
Euclid Crane & Hoist Co. (Ice Handling Cranes), Euclid, Ohio
See adv index at end of book



Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
GIFFORD-WOOD CO., Hudson, N. Y.
Grote F. Mfg. Co. (Hoists), Evansville, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY (Ice Runs, Ice Chains), 300 W 39th, Chicago, Ill.
See adv index at end of book
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Premier Machinery Co., Oakland, Cal.
Schultz A. L. & Son (For Ice Harvesting), 1675 Elston av, Chicago, Ill.
Triumph Ice Machine Co. (Air, Hand & Electric), Dept. H, Oakley, Cincinnati, Ohio
Van Emon B. C., Inc., Elevators, 235 1st, San Francisco, Cal.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book

8482—Ice Machines (Family)

Audiffren Refrig. Machine Co. ("Audiffren"), 90H West, New York
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.

8483—Ice Machines (Portable)

Audiffren Refrig. Machine Co. ("Audiffren"), 90H West, New York
Baker Ice Machine Co., Omaha, Neb.
Brunswick Refrigerating Co., New Brunswick, N. J.
Fisher Machine Works Co., Leavenworth, Kans.
Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.
United Iron Works, Inc., Kansas City, Mo.
York Mfg. Co., York, Pa.

8484—Ice Recording Machines

Stevenson Cold Storage Door Co., Chester, Pa.

8485—Ice & Refrigerating Machines

American Carbonic Machinery Co., Grand Rapids, Wis.
Armstrong Machinery Co. ("Spokane," "Alaskan," "Siberian"), Spokane, Wash. *See adv index at end of book*



Arctic Ice Machine Co. (Raw & Distilled Water), Canton, O.
Audiffren Refrig. Machine Co. ("Audiffren" Family & Portable), 90H West, New York
Automatic Refrigerating Co. (Automatic), Hartford, Conn.
Baker Ice Machine Co. (2 to 50 Ton, also Making Clear Ice from Rain Water), Omaha, Neb.
Bell & Wildman, 619 Upshur, Portland, Ore.
Bishop & Babcock Co., Cleveland, O.
Born H. A. Co., Inc., 326 River, Chicago, Ill.
Bouchard Jno. & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Broas & Sage Co., 17 Ailing, Newark, N. J.
Brunswick Refrigerating Co., New Brunswick, N. J.
Buffalo Refrigerating Machine Co., 126 Liberty, New York
Carbondale Mach. Co., Dept. H, Carbondale, Pa.
Cincinnati Refrigerating Machinery Co., Lincoln av, Cincinnati, Ohio
Clothel Co. (Low Pressure), 61 Broadway, New York.
Columbus Iron Works (Absorption System), Columbus, Ga.
Continental Machine & Foundry Co., 517 Ins. Exc. bldg, Chicago, Ill.
Creamery Package Mfg. Co. ("Creamery Package"), 61 W Kinzie, Chicago, Ill.
Cyclops Iron Works, 837 Folsom, San Francisco, Cal.
Davis-Watkins Dairymen's Mfg. Co., North Chicago, Ill.
De La Vergne Machine Co. ("De La Vergne"), 2101H E 138th, New York
Detroit Heating & Refrigerating Co., 631 Gratiot, Detroit, Mich.
Fisher Machine Works Co. (¼ to 60 Tons), Leavenworth, Kans.
Frick Co., Waynesboro, Pa.
Frigidaire Corp. ("Frigidaire" Iceless), 2435 Scotten av, Detroit, Mich.
Great Lakes Engineering Works, Real Estate Exch. bldg, Detroit, Mich.
Hallam F. W. & Co., 379-380 Harmon, Brooklyn, N. Y.
Harris Ice Machine Works, 174 E Water, Portland, Ore.
Ice & Cold Machine Co., 3003 N Broadway, St. Louis, Mo.
Iceless Machine Co., 12014 Iowa av, Cleveland, Ohio
Isko Co., 2525 Clybourn av, Chicago, Ill.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
Jarvis T. P. Machine Works, 275 Connecticut, San Francsico, Cal.
Johns-Manville Inc. ("Audiffren Singrun" Refrigerating), Madison av & 41st, New York
Kelvinator Corp. ("Kelvinator"), 921 W Fort, Detroit, Mich.
Kroesschell Bros. Ice Machine Co., 442 W **Erie, Chicago, Ill.**
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
McClellan Refrigerating Mach. Co., 570 W Adams, Chicago, Ill.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Machineless Refrigerating Corp. ("Machineless"), 71 Jamaica av, Brooklyn, N. Y.
Midwest Engineering & Equipment Co., 617 Fulton, Chicago, Ill.
Murray Iron Works Co., Burlington, Ia.
National Machine Co., 636 National av, Milwaukee, Wis.
Niebling F. W. Co., W 6th & Baymiller, Cincinnati, O.
Ott Geo, F., 209 Buttonwood, Phila., Pa.
Peerless Ice Machine Co., 503 S Jefferson, Chicago, Ill.
Poole Engineering & Machine Co., H, Woodbury Sta., Baltimore, Md.
Rebsamen & Almeroth, 2324 Elston av, Chicago, Ill.
Remington Machine Co., 411 E Front, Wilmington, Del.
Roelker, H. B. ("Allen" Dense Air Ice Machines), 41 Maiden la, New York
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Schwenker W. M., 342 E 92d, New York
Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.
Southern Ice Machine Co. (1 to 6 ton), Charlotte, N. C.
Steele & Condict, 74 Pearl, Jersey City, N. J.
Stevens Will P., 1630 Long Beach av, Los Angeles, Cal.
Triumph Elec. Co. ("20th Century & Tangye" Distilled, Raw Water), H, Oakley, Cincinnati, Ohio
United Iron Works, Oakland, Cal.
United Iron Works, Inc. (¼ to 50 Tons per Day), Kansas City, Mo.
Van Zand Iron Works, Fort Worth, Tex.
Vesterdahl Karl & Co., 90 West, New York
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Vogt Brothers Mfg. Co., Inc., Louisville, Ky.
Vogt Henry Machine Co., Louisville, Ky.
Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
Wegner Machine Co., Buffalo, N. Y.
Westinghouse Machine Co. ("Westinghouse-Leblanc" For Marine Works), E **Pittsburgh, Pa.**
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
York Mfg. Co., (Refrigerator Mfrs), York, Pa.

8486—Incandescent Lamp Making Machinery

Beach-Russ Co., 50G Church, New York
See adv index at end of book
Dwyer Machine Co., Lynn, Mass.
Hygrade Engng. Co., 391 Mulberry, Newark, N. J.
York Electric & Machine Co., York, Pa.

8487— Incline Machinery

Stine S. B., Osceloa Mills, Pa.

Ink Grinding Machines

See Mills, Ink Grinding

Insulating Machinery

See Wire & Cable Insulating Machinery

8488—Insulator Pin, Bracket & Cross Arm Machinery

Defiance Machine Works, Defiance, O.
Premier Machinery Co., Oakland, Cal.
Wheland Co., Chattanooga, Tenn.

8489— Ironing Machines

Adams Laundry Machinery Co. (Steam or Gas, "Monarch," "Rex," "Style A"), Troy, N. Y.
Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 224 W 26th, New York
Mann Corp. ("Manco"), 72 W Adams, Chicago, Ill.
Quaker Mfg. Co. ("Quaker Maid"), 140 N Dearborn, Chicago, Ill.
Twiner Tanning Machinery Co. ("Twiner," Horizontal for Leather), Peabody, Mass.

8490-1—Ironing Machines (Household)

American Ironing Machine Co. ("Simplex"), 166 N Michigan, Chicago, Ill.
American Wringer Co., 99 Chambers, New York
Asher Mfg. Co. (Flat Work & Body Clothes Ironers), Irvington, N. J.
Bergbam & Roberg, 218 N Jefferson, Chicago, Ill.
Chicago Dryer Co. ("Chicago"), 630 S Wabash av, Chicago, Ill.
Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 224 W 26th, New York
Horton Mfg. Co., Fort Wayne, Ind.
Hurley Machine Co. ("Thor" Electric), Cicero, Ill.

Irrigating Machinery

See Pumps, Irrigating

Jar Ring Machines

See Lathes, Jar Ring

Jarring Machines

See Molding Machines, Foundry

8492— Jewelers' Machinery

American Tool & Machine Co. (Centrifugal Dryers for Small Pieces that have been Coated, Dipped, Japanned, Painted, Plated or Washed), 16 High, Boston, Mass.

JEWELERS' MACHINERY—continued

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Leiman Bros., 81 Walker, New York
Moseley Lathe Co., Elgin, Ill.
Ruesch H. J. Machine Co., 407 Mulberry, Newark, N. J.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Standard Machinery Co., Providence, R. I.
Wisconsin Elec. Co. (Lathe Motors, Elec. "Dumore"), 1600 Junction av, Racine, Wis.
Worthington & Raymond ("Optimus" "W & R" Jobbers), 71 Murray, New York

8493—Jewelers' & Opticians' Machines & Tools

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Bausch & Lomb Optical Co. (Opticians Only), Rochester, N. Y.
General Optical Co., 506 E 42nd, New York
Langelier Mfg. Co., Arlington, Providence, R. I.
Norden S. & Co., 150 S Water, Providence, R. I. *See adv index at end of book*
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Wisconsin Elec. Co. ("Dumore," Elec.), 1600 Junction av, Racine, Wis.
Worthington & Raymond, ("Optimus," "W & R" Jobbers), 71 Murray, New York

8494—Joggling Machines for Shipyards

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Morgan Engineering Co. (Elec. with Hand Crane), Alliance, O.

8495—Joggling Machines (Plate)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Southwark Fdry. & Mach. Co., 430 Wash. av, Phila., Pa.

8496—Joint Wiping Machines

United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.

8497— Jointing Machines

Bicknell Mfg. & Supply Co. (With Extended Arbor for Attachments), Janesville, Wis.
CRESCENT MACHINE CO., THE (Wood), 512 Oak, Leetonia, O. *See adv index at end of book*
Jones Superior Machine Co. (Hand, etc), 1264 W. North av, Chicago, Ill.
Kane & Roach (Wood), Syracuse, N. Y.
Myers Machine Co. (Wood), Sheboygan, Wis.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Silver Mfg. Co. (Power), 256 Salem, O.
Smith & Phillips Mfg. Co. (Edge Jointing & Shaping), 1008 W Madison, Chicago, Ill.
Yates P. B. Machine Co., Beloit, Wis.

8498-9-500—Jointing Machines (Cutter, Head)

Shimer Samuel J. & Sons, Milton, Pa.

Jolt Molding Machines

See Molding Machines

8501—Keel Plate Bending Machines (Hydraulic)

Morgan Engineering Co., Alliance, Ohio
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

Keg Machinery

See Barrel, Keg, Stave & Heading Machinery

8502—Keg Scrubbing Machines

Burton Engng. & Machinery Co., Spring Grove av., Cincinnati, O.
Danner Adam Co., Yonkers, N. Y.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.
Torchiani H., 140 N Dearborn, Chicago, Ill.
Zoller Chas Co., 211 E 94th, New York

Keg Washing Machines

See Barrel Washing Machines

8503— Key Cutting Machines

Corbin Cabinet Lock Co. ("Corbin" Automatic Duplicating), New Britain, Conn.
Gussman Key Cutting Machine Co., 1 Madison av, New York
Harrison & Co. ("Harrison, M. I. P." for Keys), 81 New, New York

8504— Key-Seating Machines

Bucher-Smith Co., E. Liverpool, O.
Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.
Chattanooga Machy. Co., Chattanooga, Tenn.
Davis Mach. Tool Co., Rochester, N. Y.
Detroit Reamer & Tool Co., 302 Congress, Detroit, Mich.
Garrett Attachment Co., Nashville, Tenn.
Mercury Machine Co. ("Lake," Portable), 2127 N Broad, Phila., Pa.
MITTS & MERRILL ("Giant"), 1939 So Water, Saginaw, Mich.
Morton Mfg. Co. (Stationary & Portable Key Way Cutters), Muskegon, Mich.
National Machine Tool Co. ("Miller," "National"), Cincinnati, O.
National Tool Co., Cleveland, O. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co. ("Knowles"), Pawtucket, R. I.
Ryerson Joseph T. & Son (Portable Automatic), 2558 W 16th, Chicago, Ill.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Union Twist Drill Co. ("Woodruff," Keyway Cutters), Athol, Mass.
VELCO MFG. COMPANY INC. ("Broachwell Key-Way Set"), 305 Wells, Greenfield, Mass. *See adv index at end of book*
Wheland Co. ("Catlin"), Chattanooga, Tenn.
Whitney Mfg. Co. ("Whitney" Adopted For Woodruff System), Hartford, Conn.

8505—Kindling Wood Machinery

See also Sawing & Splitting Machinery

American Sawmill Machinery Co., Hackettstown, N. J.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Duplex Mfg. Co., Superior, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Hildreth Bros. (Splitting), Harvard, Mass.

8506—Kneading & Mixing Machines

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Day J. H. Co., Cincinnati, O.
East Iron & Machine Co., Dept. H, Lima, Ohio
Ross Chas. & Son Co. (For Putty, Dough & Rubber, etc), 148 Classon av, Brooklyn, N. Y.

8507—Knife Balancing Machinery

Fay J. A. & Egan Co., Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

8508-9—Knife Polishing & Buffing Machines

Automatic Buffing Machine Co. (Automatic), Buffalo, N. Y.
Clizbe Bros. Mfg. Co., Plymouth, Ind.

Knitting Machinery

See Textile Machinery; for page number consult Index of Contents

Kraut Cutting Machines

See Cutters, Kraut

8510—Label Varnishing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa
United States Finishing & Mfg. Co., 216 N Clinton, Chicago, Ill.

8511— Labeling Machines

Anderson E. D. (Inc.), 101 Park av, New York
Beck Chas. Machines Co., 607 Chestnut, Phila, Pa. *See adv index at end of book*
Boston Bottle Wiring & Labeling Co. ("Empire," "Eureka," "Enterprise" Bottle, Labeling Machines; also Hand Pasting Devices), 23 Wormwood, Boston, Mass.
Burt Machine Co. (Can, etc), 403 E Oliver, Baltimore, Md.
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Economic Machinery Co. ("World"), Worcester, Mass.
Ermold Edw. Co. (Bottle), 656 Hudson, New York
Jagenberg Machinery Co., 131 W 24th, New York
Knapp Fred H. Co., Lexington bldg., Baltimore, Md.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Morral Bros. ("Morral" Can, etc), Morral, Ohio.
National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
New Jersey Mach Corp., Hoboken, N. J.
Peters Machinery Co., 209 S La Salle, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Robins A. K. & Co. ("Hammond Can"), 116 Market pl, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Standard Automatic Machine Co. (For Boxes, Bottles, Cans, Tubes, etc), Rochester, N. Y.
U. S. Bottlers' Machinery Co. ("Ernold," "U. S."), 2511 Park av, Chicago, Ill.

8512—Laboratory Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Braun Corp. (Flotation), 363 New High, Los Angeles, Cal.
Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.
Day J. H. Co., Cincinnati, O.
Hall A. M. Co., Indianapolis, Ind.
Patterson Foundry & Machine Co., East Liverpool, O.
Sturtevant Mill Co. (Crushers, Grindstones, etc), Clayton & Park, Dorchester, Mass.

8513— Lacquering Machines

See also Can Lacquering Machine

Ohl Geo. A. & Co. (For Tin, Metal & Cardboard, etc.), 159 Oration, Newark, N. J.

8514—Lag Screw Threading Machines

Landis Machine Co., Waynesboro, Pa.

8515—Lamp Burner Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

8516—*Land Clearing Machinery

Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*

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8517— Lapping Machines

See also Textile Machinery

Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
LeBlond R. K. Mach. Tool Co., Cincinnati, Ohio
Mitts & Merrill (For Band Saws), 1939 S Water, Saginaw, Mich.
Oliver Instrument Co. (With Filing & Sawing Attachments), Adrain, Mich.
Pratt & Whitney Co., Hartford, Conn.
R. I. Braiding Machine Co., 228 Aborn, Providence, R. I.

8518—Lard Cooling Machines

Black-Clawson Co., Hamilton, O.

8519—Lard & Butter Pail Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8520— Last Machinery

Kimball Bros. & Sprague, Brockton, Mass.

8521— Lath Mill Machinery

Abbott Machine Co., Olean, N. Y. *See adv index at end of book*
American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Bartlett A. F. & Co., Saginaw, Mich.
Butterworth & Lowe (Sheathing, Lath, etc.), Grand Rapids, Mich.
Challoner Co., Oshkosh, Wis.
Chapman's T. M. Sons Co. (Gang Machines), Old Town, Me.
Chase Turbine Mfg Co., Orange, Mass.
Diamond Iron Works, 2nd & 18th av, N, Minneapolis, Minn.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

8522— Laundry Machinery

See also Laundry Dryers, Tubs, etc

Adams Laundry Machinery Co., Troy, N.Y.
American Ironing Machine Co. ("Simplex" Ironer), 166 N Michigan, Chicago, Ill.

American Laundry Machinery Co. (("Hercules," "C & C" Ironers, Mangles, Cylinder Washers, etc,), Cincinnati, O.
American Mangle & Roller Co., Racine, Wis.
American Wringer Co. (Laundry, Power & Hand Wringers, Mangles, Washing Machines, etc). 99 Chambers, New York
Asher Mfg. Co., Irvington, N. J.
Bishop Geo. H. ("C. & C." Starchers & Specialties), 550 W Washington, Chicago, Ill.
Bourret-Kirkwood Co., 1128 Mission, San Francisco, Cal.
C. & D. Machy. Exchange (Cleaners & Dyers), Cincinnati, O.
Chicago Laundry Machinery Co. ("Floran" Seam Dampeners, Fold Collar Shaper & Edger, "C. & C." Edgers), 213 W Grand av, Chicago, Ill.
Cleveland Laundry Machy Mfg. Co., 5134 Fowler av, S E, Cleveland, O.
Detroit Laundry Mach. & Supply Co., 1450 21st, Detroit, Mich.
Domestic Laundry Equipment Corp., 224 W 26th, New York
Electro-Chemical Co., Dayton, O.
Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Fritz Geo. J. Fdry & Mach. Co., 2018 S 3rd, St. Louis, Mo.
Harvey W. W. & Son, Constantine, Mich.
Heim Machine Co., Danbury, Conn.
Interstate Machinery Co., Troy, N. Y.
Lovell Mfg. Co., Erie, Pa.
Lovewell-Henrici Co. ("Henrici" Extractors, Dampening Presses, etc.), Chelsea, Mass.
Lutes-Sinclair Co., Benton Harbor, Mich.
Mateer F. W. & Co. (Extractors, C. & C. Ironers, Cylinder Washers, etc), 222 W Ontario, Chicago, Ill.
Minneapolis Laundry Machinery Co., 114 N 11th, Minneapolis, Minn.
National Chemical Co. (Starch Comminutors), Syracuse, N. Y.
Oakley & Keating, 673 Manhattan av, Brooklyn, N. Y.
Paragon Mfg. Co., 2427 W 14th, Chicago, Ill.
Phillips Wm. & Co., Northville, Mich.
Poland Laundry Machinery Co., 47 Kemble, Boston, Mass.
Raymond Mfg. Co., Saugatuck, Conn.
Reed Mfg. Co. (Collar Shapers), Erie, Pa.
Stebbins Mfg. Co. ("Metcalf" Double Water Feed Seam Dampener), 1737 Blake, Denver, Colo.
Tolhurst Machine Works, Troy, N. Y.
Triumph Mfg. Co., 500 Delaware, Kansas City, Mo.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Watts Laundry Machine Co., Willimantic, Conn.
Western Laundry Machinery Co., 416 Mission, San Francisco, Cal.
Willey Co., Inc. ("Hurry" Dryers, "F" & "C & C" Ironers, etc), 1222 Race, Phila., Pa.
Zeidler Wm. A. Co., 182 Locust av, New York

8523—Laundry Marking Machines

Hume Mfg. Co., Kansas City, Kans.
Lang J. A. & Sons, 280 Dover, Boston, Mass.
National Marking Machine Co., Cincinnati, O.

8524—Leach Casting Machines

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

8525—Lead Pipe & Trap Machinery

Farrel Foundry & Machine Co. (Lead Pipe), Ansonia, Conn.
Robertson Jno. & Co. (Also for Sheet Lead, etc.), 133 Water, Brooklyn, N. Y.

8526—Leather Blacking Machines

Slocomb F. F. & Co. Inc., Dept. H, 14th & Poplar, Wilmington, Del.
Turner Tanning Machy. Co. ("Turner"), (For Coloring, Staining, Gumming, Pasting, etc.), Peabody, Mass.

8527—Leather Bleaching Machines

Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8528—Leather Board Machines

Noble & Wood Mach. Co., Moosick Falls, N. Y.

8529—Leather Brushing Machines

Baker G. W. Machine Co., Wilmington, Del.
Slocomb F. F. & Co. Inc., Dept. H, 14th & Poplar, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8530—Leather Buffing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Naumkeag Buffing Machine Co., Beverly, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8531—Leather Creasing Machines

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Randall J. D. Co., 610 W Court, Cincinnati, O.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.

8532—Leather Cutting Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.

8533—Leather Drying Machines

Devine J. P. Co., Buffalo, N. Y.
PROCTOR & SCHWARTZ INC., 7th & Tabor road, Philadelphia, Pa.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8534—Leather Embossing Machines

Cavagnaro John J, Harrison, N. J.
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Logeman Bros. Co. (Hydraulic), 130 Burleigh, Milwaukee, Wis.
Osborne C. S. & Co. (Harness Makers, etc.), Box 183, Newark, N. J. *See adv index at end of book*
Randall J. D. Co., 610 W Court, Cincinnati, O.
United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

8535—Leather Finishing Machines

Martin Wm. F., Salem, Mass.

8536—Leather Fleshing & Slating Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Wilmington" Roller), Wilmington, Del.
Hutchinson Leather Machine Co., Winchester, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.

8537—Leather Glazing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8538—Leather Measuring Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Sawyer's"), Wilmington, Del.
Nightingale J. E., Danvers, Mass.
Ross-Mayer Mfg. Co., 1423 Olive, St. Louis, Mo.
Tufting Machine Supply Co., 268 E Jefferson, Detroit, Mich.
Turner Tanning Mach'y Co. ("Turner," "Korrect," Improved "Sawyer"), Peabody, Mass.
Union Leather Measuring Machine Co., Doversport, Mass.

8539—Leather Punching Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Randall J. D. Co., 610 W Court, Cincinnati, O.

8540—Leather Putting-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.
Woburn Machine Co., Woburn, Mass.

8541—Leather Rolling & Stoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Quarmby & Hilliker, Lyon, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8542—Leather Scrubbing Machines

Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8543—Leather Seasoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8544—Leather Setting & Stoning-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner") Peabody, Mass.

8545—Leather Shaving Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Boyle John & Co., Peabody, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8546—Leather Skiving Machines

Fortuna Machine Co. ("Fortuna") 127 Duane, New York

8547—Leather Slitting & Finishing Machines

Randall J. D. Co. (Power, Round Edge), 610 W Court, Cincinnati, O.

8548—Leather Splitting Machines

American Tool & Machine Co. (Belt Knife), 10 High, Boston, Mass.
Baker G. W. Machine Co. ("Western Union" & Belt Knife), Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machy. Co., Peabody, Mass.

8549—Leather Staking Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Baker" & "Wilmington" Boiler), Wilmington, Del.
Layman A. C. Machine Co., Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8550—Leather Stamping Machines

Baker G. W. Machine Co., Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8551—Leather Unhairing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Munkwitz Edw. H. Co. ("Leidgen"), 159 Muskego av, Milwaukee, Wis.
Slocomb F. F. & Co. Inc., Dept. H, 14th & Poplar, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Whitney Machine Co., Winchester, Mass.

8552—Leather Whitening Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., Wilmington, Del.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

Leather Working Machinery

See Hide & Leather Working Machinery

Letter Folding Machines

See Circular Folding Machines

8553-4— Leveling Machines For Sheets

AETNA FOUNDRY & MACHINE CO., Warren, O. *See adv index at end of book*
Hilles & Jones Co., E Wilmington, Del. *See adv index at end of book*
Poole J. Morton Co., ft Thorn, Wilmington, Del.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engng. & Fdry. Co., 307 5th av.
Wissler A. (Any Size & Purpose), B'way & Washington av, St. Louis, Mo.

8555—Lime Hydrating Machinery

American Hydrating Co. ("Hydrator"), Md. Trust bldg, Baltimore, Md.
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Jackson & Church Co., Saginaw, Mich.
Kritzer Co. ("Kritzer" Continuous), 503 S Jefferson, Chicago, Ill.
Miscampbell H. ("Clyde"), Duluth, Minn.

8556—Lime Slacking & Mixing Machines

Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Deming Apparatus Co. (Lime Slacking Tanks & Pumps), 30 Church, New York
Teal Chas. A., 1361 Ridge av, Phila, Pa.

8557—Lining - Beveling Machines (Photo-Engravers')

Royle John & Sons (Inc.), Paterson, N. J.

8558—Linoleum & Floor Cloth Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Dienelt & Eisenhardt (Printing), 1304 N Howard, Phila., Pa.
Farrel Foundry & Mach. Co., Ansonia, Conn.
Moore & White Co. (Printing), N 15th & Lehigh av, Phila., Pa.

8559—Linseed Oil Machinery

See also Cotton Seed Oil Machinery

American Machine & Mfg. Co., Atlanta, Ga.
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
French Oil Mill Machinery Co., Piqua, O.
Premier Machinery Co., Oakland, Cal.

8560—Liquid Filling Machines

Fowler Bottling Machine Co. (Also Measuring), 124 White, New York
Premier Machinery Co., Oakland, Cal.

8560a—Liquid Measuring Machines

Buffalo Can & Bottle Filling Machine Co., 5961 Terrace, Buffalo, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

8561—Lock Corner Box Machinery

Chase Turbine Mfg. Co. (Automatic Box Presses), Orange, Mass.
Connell & Dengler Machine Co. (Box Trimmers, Box Pressing, etc), Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Luster-Jordan Co., Norristown, Pa.
Morgan Machine Co., Rochester, N. Y.
Pollard C. A. Co., Newfields, N. H.

8562—Lock Mortising Machines

Corbin Cabinet Lock Co. (Mortising for Locks & Keyhole Boring), New Britain, Conn.
HENRY & WRIGHT MFG. CO. ("Henry & Wright"), 760 Windsor av, Hartford, Conn. *See adv index at end of book*
Leukart J. Co. ("Champion"), 44 E Columbus, Columbus, O.
Pittsburgh Instrument & Machine Co. ("Pittsburgh"), 236 3d av, Pittsburgh, Pa.
Valley City Machine Works (Oscillating), Grand Rapids, Mich.

8562a—Lock Washer Machy.

SLEEPER & HARTLEY, INC. (Automatic), 335 Chandler, Worcester, Mass. *See adv index at end of book*

Log Hauling Machines

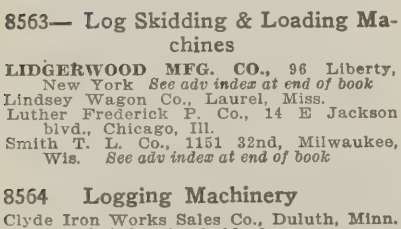
See Log Hauls

8563— Log Skidding & Loading Machines

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Lindsey Wagon Co., Laurel, Miss.
Luther Frederick P. Co., 14 E Jackson blvd., Chicago, Ill.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*

8564 Logging Machinery

Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Clyde Equipment Co., 18th & Upshur, Portland, Ore.



LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York *See adv index at end of book*
Loggers & Contrs. Machy Co., 70 4th, Portland, Ore.
Mallory F. B. Co., 235 Pine, Portland, Ore.
Willamette Iron & Steel Wks., Portland, Ore.

8565— Macaroni Machinery

See also Vermicelli Machy.

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
CAVAGNARO JOHN J., Harrison, N. J.
CEVASCO, CAVAGNARO & AMBRETTE INC., 156 6th, Brooklyn, N. Y.
East Iron & Machine Co., 351 E Market, Lima, O.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Peters Machinery Co., 209 S La Salle, Chicago, Ill.
Walton P. M. Mfg. Co., 1019 Germantown, Phila., Pa.

Mail Opening Machines

See Letter Opening Machines

8566— Maize Machinery

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, etc), Silver Creek, N. Y.

8567—Malt Cleaning & Polishing Machines

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Polishers, Graders, etc), Silver Creek, N. Y.

8568— Malt Machinery

Galland-Henning Mfg. Co. (Pneumatic), 97 Wisconsin, Milwaukee, Wis.
Hersey Mfg. Co. (Pneumatic), 314 W 2nd, Boston, Mass.

8569— Mantle Machines

Advance Machine Co. (Shaping, Hardening & Dipping Machines, Cotton Burners, etc), 4645 Ravenswood av, Chicago, Ill.
Mantle Machinery & Patents Co. (For Sewing Incandescent Mantle), 150 Lafayette, New York
Stafford & Holt (Knitting), Little Falls, N. Y.

8570—Mantle Ring Machinery

Patterson Foundry & Machine Co., E Liverpool, O.

8571—Marble Coping Machines

Meyers W. F. Co., Bedford, Ind.

8572—Marble Hole Cutting Machines

Holub-Dusha Co. (Oval Hole Cutting), 1799 1st av, New York

8573—Marble Molding & Countersinking Machines

Meyers W. F. Co., Bedford, Ind.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Marble Polishing Machines

See Stone Polishing Machines

Marble Working Machinery

See Stone Working Machinery, etc.

8574— Marking Machines

American Perforator Co. (Labels), 621 W Jackson blvd, Chicago, Ill.
Brewster Wm. Co., Inc. ("Elchagraph" Electrical), 30 Church, New York
Gries Bros. (Electrical Metal Marking), 450 E 148th, New York
Hjorth Lathe & Tool Co. ("Success" for Metal), 27 School, Boston, Mass.
Lang J. A. & Sons (For Tags, Leather, Textile Fabrics & Laundry Use), 280 Dover, Boston, Mass.
Martin Machine Co. ("Martin"), Turners Falls, Mass.
Newman Machine Co., Greensboro, N. C.
Noble & Westerbrook Mfg. Co. ("Dwight Slate," for Metal), Hartford, Conn.
Premier Machinery Co., Oakland, Cal.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill. *See adv index at end of book*

8575— Mashing Machines

Kaestner & Hecht Co. (Hydraulic), 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co. (Hydraulic), 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Selg Brewery Apparatus Co., 1320 N 5th, Phila., Pa.

8576— Match Box Machinery

Birch & Birch (All Sizes), Crawfordsville, Ind.

8577— Match Machinery

Diamond Match Co., 111 B'way, New York

8578—Matching Machines (Wood)

See also Planing & Matching Machines

American Woodworking Machinery Co., Rochester, N. Y.
Chase Turbine Mfg. Co., Orange, Mass.
Crescent Machine Co., Leetonia, O.
Fay J. A. & Egan Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt.
Mereen-Johnson Machine Co. (Bottle Boxes), 4400 Lyndale av, Minneapolis, Minn.
Smith H. B. Machine Co., Smithville, N. J.
Stetson-Ross Machine Works, Seattle, Wash.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8579—Matting Weaving Machines

Crompton & Knowles Loom Works (For Japanese Matting), Worcester, Mass.

8580—*Meat Can Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8581—Meat Can Stuffing Machines

AMERICAN CAN CO. (Machinery Dept.), (Rotary), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Metal Package Corp. of N. Y. (Rotary), 509 5th av, New York *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Metal Beading Machines

See Crimping & Beading Machines

8582—Metal Culvert Machinery

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8583—Metal Cutting-Off Machines

See also Cold Saw Cutting-Off Machines; also Hot Sawing Machines

Bardons & Oliver, Cleveland, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Brightman Mfg. Co., Columbus, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cochrane-Bly Co., Rochester, N. Y.
Davis Machine Tool Co., Rochester, N. Y.
Disston Henry & Sons, Tacony, Philadelphia, Pa.
Etna Machine Co., Toledo, O.
Gorton Geo. Machine Works, Racine, Wis.
Greenfield Tap & Die Corpn. ("Nutter & Barnes"), Greenfield, Mass. *See adv index at end of book*
Higley Machine Co., Croton Falls, N. Y.
Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
Matson Machine Co. ("Matson Safety"), Concord, N. H.
Metal Saw & Machine Co. Inc. ("Horizontal Napier," "Horizontal Junior"), Springfield, Mass.
Modern Machine Tool Co., Jackson, Mich.
Napier Saw Wks, Inc. ("Napier"), Band Saw Type, Springfield, Mass.
Niles-Bement-Pond Co., 111 B'way, New York
Peerless Machine Co. (High Speed), 1619 Racine, Racine, Wis.
Peter Bros. Mfg. Co. (Abrasive), Algonquin, Ill.
Racine Tool & Machine Co. ("Racine" High Speed Power), Racine, Wis.
Reynolds & Co., 1220 Real Estate Trust bldg, Phila., Pa.
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellew Machine Tool Co., Pawtucket, R. I.
Slack Mfg. Co. (With Abrasive Wheel), Springfield, Vt.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

8584—Metal Drying Machines

See also Dryers, Centrifugal Metal Parts

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.

8585-6—Metal Edge Box Machines

AMS MAX MACHINE CO., 101 Park av, New York
National Metal Edge Box Co. (Automatic), 1217 Callowhill, Phila., Pa.

8587—Metal Furniture Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8588—Metal Jig Sawing Machines

Thompson H. G. & Son Co. ("Eureka"), New Haven, Conn.

8589—Metal Power Sawing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Thompson H. G. & Son Co. ("Milford," "Eureka" Hack Saw Pattern), New Haven, Conn.

Metal Sawing Machines

See Cold-Saw Cutting-off Machines; also Hot Sawing Machines

8590—Metal Tank Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

8591—Milk Bottle Sealing Machines

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Premier Machinery Co., Oakland, Cal.

8592—Milk Can Washing Machines

Davis-Watkins Dairymen's Mfg. Co., Dept H, North Chicago, Ill.
Oakes & Burger Co. ("20th Century"), Cattaraugus, N. Y.
Premier Machinery Co., Oakland, Cal.

8593—Milk Condensing Machines

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Engineering Co., Fort Wayne, Ind.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Premier Machinery Co., Oakland, Cal.
Rogers Chas. E., 32 Goldsmith, Detroit, Mich.
Rogers R. R. Co., 3328 Chope pl, Detroit, Mich.

Milk Pasteurizing Machinery

See Pasteurizers, Milk, Etc.

8594—Milling, Drilling & Tapping Machines (Radiator Loop)

Niles-Bement-Pond Co., 111 B'way, New York

8595— Milling Machines

See also Sub-Classifications

Adams Co. ("Farwell" Hand), Dubuque, Iowa
American Milling Machine Co. ("American"), Cincinnati, O.
Beaman & Smith Co. (Horizontal, with One or More Spindles), Providence, R. I.
Becker Milling Machine Co. ("Becker" Horizontal "Lincoln"), Hyde Park, Boston, Mass.
Bilton Machine Tool Co. (The), ("Bilton"), (Plain & Horizontal, Bridgeport, Conn.
Brown & Sharpe Mfg. Co (Universal, Plain, Automatic, Hand & Vertical Spindle), Dept. H, Providence, R. I.
Buckeye Tool & Machine Co., New Philadelphia, O.
Burr Jno. T. & Son (Slab Miller), 429 Kent av, Brooklyn, N. Y.
Carter & Hakes Machine Co. (Hand or Power Feed), Winsted, Conn.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Clark-Mesker Co. ("Cleveland"), 1851 Euclid av, Cleveland, Ohio
Cleveland Machine Tool Co., Cleveland, O.
Craftsman Tool Co. ("Craftsman"), Conneaut, Ohio
Eccleston Machy Co., For Mining, 162 S Anderson, Los Angeles, Cal.
Espen-Lucas Mach. Wks. (Automobile Axle, Rail End & Slab), Girard av, Phila., Pa.
Foster, Walter H. Co., 50 Church, New York
Garvin Machine Co. (Universal, Plain, Vertical, Hand, Duplex, Double Face & Traverse Head), 147 Varick, New York
Gooley & Edlund ("Briggs-Miller"), Cortland, N. Y.
Harrington Mach. Co. (Undermiller), Erie, Pa.
Hendey Machine Co. ("Hendey" Horizontal, Plain & Universal, etc, Belt Cone & All-Gear Driven, Belt & Motor Driven), Torrington, Conn.
Ingersoll Milling Machine Co. (Heavy, Horizontal & Special Single Purpose), Rockford, Ill.
Kearney & Trecker Co. ("Milwaukee"), West Allis, Milwaukee, Wis.
Kempsmith Mfg. Co. (Plain, Universal & Lincoln Patterns), West Allis, Wis.
Knight W. B. Machinery Co. ("Duplex"), 3920 W Pine blvd, St. Louis, Mo.
Le Blond R. K. Machine Tool Co. (Plain & Universal), Cincinnati, O.
Milled Screw & Machine Co. (Universal Automatic Thread Millers), Sayre, Pa.
MITTS & MERRILL, 1929 S Water, Saginaw, Mich.
National Machine Tool Co., ("National" Key-Seating & Oil Grooving), Cincinnati, O.
Pedrick Tool & Machine Co. (Portable), 3642 N Lawrence, Phila., Pa.
Potter & Johnston Machine Co. (Automatic), Pawtucket, R. I.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

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Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Sanford F. C. Mfg. Co. ("Sanford" Hex Semi-Automatic), Bridgeport, Conn.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Steptal John Co. (Hand & Power Feed), 2951 Colerain av, Cincinnati, O.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W, Cleveland, O.
Thurston Mfg. Co., "Thurco," (Die), 140 Benedict, Providence, R. I.
Tindel-Morris Co., (Double Head Crank, etc), Eddystone, Pa.
Underwood H. B. Corp. (Portable), 1025 Hamilton, Phila., Pa.
Valley City Machine Works (Plain), Grand Rapids, Mich.
Van Norman Machine Tool Co. ("Van Norman" Duplex, Universal & Bench, also Hand), Springfield, Mass.
Warner & Swasey Co. (Valve), 5809 Carnegie av, Cleveland, O.
Wisconsin Miller Mfg. Co., Wilwaukee, Wis.

8595a— *Milled Springs

BARNES THE WALLACE CO. (Barnes-Made" Milled Springs), 18 Wallace, Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*

8596—Milling Machines (Automatic Index)

Garvin Machine Co., 147 Varick, New York

8597—Milling Machines (Bench)

AMES B. C. CO. ("Ames"), North Station, Waltham, Mass.
See adv index at end of book
Bickett Machine & Mfg. Co., Cincinnati, O.
Burke Machine Tool Co., Conneaut, O.
Carter & Hakes Machine Co., Winsted, Conn.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Makutchan Roller Bearing Co., 35 W Lake, Chicago, Ill.
Miller & Crowningshield, Greenfield, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Rockford Milling Machine Co., Rockford, Ill.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stark Tool Co. ("Stark"), Waltham, Mass.
Up-To-Date Tool Co., 81 Wareham, Boston 18, Mass.
See adv index at end of book
Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.
Wright-David A., 569 W Washington, Chicago, Ill.

8598—Milling Machines (Cam or Form)

Garvin Machine Co., 147 Varick, New York
Rowbottom Machine Co. ("Rowbotom"), Waterbury, Conn.

8599—Milling Machines (Combined Horizontal & Vertical)

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.

8600—Milling Machines (Crank Case)

Beaman & Smith Co., Providence, R. I.
Ingersoll Milling Machine Co., Rockford, Ill.

8601—Milling Machines (Die)

Harrington Machine Co., Erie, Pa.
Malm & Stahl Tool Works, 561 Washington, Chicago, Ill.
Stierlin Mach. & Die Works, 625 W Jackson blvd, Chicago, Ill.
Thurston Mfg. Co., ("Thurco"), 140 Benedict, Providence, R. I.
Western Die & Stamping Wks., 961 Fulton, Chicago, Ill.

8602—Milling Machines (Double Head)

Beaman & Smith Co., Providence, R. I.
Espen-Lucas Machine Works, 21 Girard, av, Phila., Pa.
Garvin Machine Co., 147 Varick, New York
Ingersoll Milling Machine Co., Rockford, Ill.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.

Milling Machines (End)

See Planing Machines, Rotary

8603—Milling Machines (Hand)

Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co., Winsted, Conn.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Pratt & Whitney Co., Hartford, Conn.
Rockford Milling Machine Co., Rockford, Ill.
Standard Engineering Works ("Standard"), Pawtucket, R. I.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Steptoe John Co., 2951 Colerain av, Cincinnati, O.
Van Norman Machine Tool Co., Springfield, Mass.
Whitney Mfg. Co., Hartford, Conn

8604—Milling Machines (Lincoln)

Becker Milling Machine Co. ("Becker"), Hyde Park, Boston, Mass.
Carter & Hakes Machine Co., Winsted, Conn.
Garvin Machine Co., 147 Varick, New York
Hendey Mach. Co. ("Hendey"), Torrington, Conn.
Kempsmith Mfg. Co., West Allis, Wis.
Pratt & Whitney Co., Hartford, Conn.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

8605—Milling Machines (Manufacturing)

Gooley & Edlund ("Briggs Mills") (High Duty), Cortland, New York
Kearney & Trecker ("Milwaukee" for Heavy Duty), West Allis, Milwaukee, Wis.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Van Norman Machine Tool Co. ("Van Norman," Hand), Springfield, Mass.

8606—Milling Machines (Nut)

National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8607—Milling Machines (Plain)

American Milling Mach. Co. ("American"), Cincinnati, O.
Beaman & Smith Co. Providence, R. I.
Becker Milling Machine Co. ("Becker"), Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Craftsman Tool Co., Conneaut, O.
Clark-Mesker Co. ("Cleveland"), 18511 Euclid av, Cleveland, Ohio.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Hendey Mach. Co. ("Hendey" Belt or Motor Driven), Torrington, Conn.
Kearney & Trecker, Milwaukee, Wis.
Kempsmith Mfg. Co., West Allis, Wis.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Oesterlein Machine Co., Cincinnati, O.
Potter & Johnston Machine Co., Pawtucket, R. I.
Rockford Milling Machine Co., Rockford, Ill.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Up-To-Date Tool Co., 81 Wareham, Boston 18, Mass. *See adv index at end of book*

8608—Milling Machines (Planer Type)

Beaman & Smith Co. (Vertical & Horizontal Spindles), Providence, R. I.
Becker Milling Machine Co. ("Becker"), Hyde Park, Boston, Mass.
Burr John T. & Son (Horizontal & Vertical Spindles), 429 Kent av, Brooklyn, N. Y.
Espen-Lucas Machine Works (Slab Type), 21 Girard av, Phila., Pa.
Ingersoll Milling Machine Co. (Vertical & Horizontal Spindles), Rockford, Ill.
Newton Machine Tool Works (Vertical & Horizontal Spindles), 23d & Vine, Phila., Pa.

MILLING MACHINES (PLANER TYPE) —continued

Niles-Bement-Pond Co. (Vertical & Horizontal Spindles), 111 Broadway, New York

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

8609—Milling Machines (Thread)

Gisholt Machine Co., Madison, Wis.

Gray Machine Tool Co., Inc. ("Gray"), 2649 Main Buffalo, N. Y.

Lees-Bradner Co. ("Lees Bradner"), Cleveland, O.

Pratt & Whitney Co., Hartford, Conn.

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

Smalley-General Co., Bay City, Mich.

T. C. M. Mfg. Co. (Semi-Automatic), Harrison, N. J.

Taft-Pierce Mfg. Co., Woonsocket, R. I.

WALTHAM MACHINE WORKS, Waltham, Mass.

Wicaco Screw & Mach. Works, 4801H Stenton av, Phila., Pa.

8610—Milling Machines (Universal)

American Milling Mach. Co. ("American"), Cincinnati, O.

Becker Milling Machine Co. ("Becker"), Hyde Park, Boston, Mass.

Brown & Sharpe Mfg. Co., Providence, R. I.

Cincinnati Milling Machine Co., Cincinnati, Ohio

Clark-Mesker Co. ("Cleveland"), 18511 Euclid av, Cleveland, Ohio

Garvin Machine Co., 147 Varick, New York

Hendey Machine Co. ("Hendey" Belt or Motor Driven) Torrington, Conn.

Kearney & Trecker, West Allis, Milwaukee, Wis.

Kempsmith Mfg. Co., West Allis, Wis.

Le Blond R. K. Machine Tool Co., Cincinnati, O.

Oesterlein Machine Co., Cincinnati, O.

Potter & Johnston Machine Co., Pawtucket, R. I.

Rockford Milling Machine Co., Rockford, Ill.

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

STARK TOOL CO. ("Stark," Pinion & Wheel Cutter Combined), Waltham, Mass. *See adv index at end of book*

Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

8611—Milling Machines (Valve)

American Tool & Machine Co., 10 High, Boston, Mass.

8612—Milling Machines (Vertical)

American Milling Mach. Co. ("American"), Cincinnati, O.

Beaman & Smith Co. (Three Spindle), Providence, R. I.

Becker Milling Machine Co. ("Becker"), Hyde Park, Boston, Mass.

Brown & Sharpe Mfg. Co., Providence, R. I.

Cincinnati Milling Machine Co., Cincinnati, Ohio

Clark-Mesker Co. ("Cleveland"), 18511 Euclid av, Cleveland, O.

Clough R. M., Tolland, Conn.

Garvin Machine Co., 147 Varick, New York

Kearney & Trecker, West Allis, Milwaukee, Wis.

Knight W. B. Machinery Co. ("Duplex"), 3820 W Pine blvd, St. Louis, Mo.

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

Potter & Johnston Machine Co., Pawtucket, R. I.

Pratt & Whitney Co., Hartford, Conn.

Rockford Milling Machine Co., Rockford, Ill.

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

8613—Milling Machines (Wood)

Oliver Machine Co., Grand Rapids, Mich.

Piel G. Co., 29 13th, Long Island City, N. Y.

8614—Mine Car Caging Machines

Johnson G. M. Mfg. Co., Jeanette, Pa.

Mining Safety Device Co. (Automatic Cager & Nolan Stop), Bowerston, O.

8615—Mine Timber Framing Machines

Denver Engineering Works Co. ("Denco") Denver, Colorado

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

Mine Ventilating Machinery

See Fans, Mine Ventilating

8616— Mining Machinery

See also Mining Machinery, Coal

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*

Abendroth & Root Mfg. Co., Newburgh, New York *See adv index at end of book*

Albany Iron Works, Albany, Ore.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Arizona & Sonora Mfg. Co. (Sectional), Nogales, Arizona

Ashland Iron Works, Ashland, Oregon

Baker Iron Wks., Los Angeles, Cal.

Barker Samuel G. & Son, Scranton, Pa.

Bethlehem Shipbuilding Corp., Ltd., Broadhead & Parker av, Dept H, Bethlehem, Pa.

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.

Bunting Iron Works, First Nat. Bank bldg, San Francisco, Cal.

Caird Engineering Works, Helena, Mont.

Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York *See adv index at end of book*

Colonial Supply Co. (& Supplies), 217 Water, Pittsburgh, Pa. *See adv index at end of book*

Colorado Iron Works Co., Denver, Colo.

Denver Engng. Works Co., Denver, Colo.

Dobbins Core Drill Co., Inc., 147 W 42d, New York

Dorr Co., 1009 17th, Denver, Colo.

Dubois Iron Works, Dubois, Pa.

Duncan Foundry & Machine Works, Alton, Ill.

Farrel Foundry & Machine Co., Ansonia, Conn.

Fulton Engine Works, Los Angeles, Cal.

Galena Foundry & Machine Co., Galena, Kan.

Galena Iron Works Corp., Galena, Ill.

Galigher Machy. Co. ("Callow" Settling Tanks & Traveling Belt Screens), 101H W. 2nd, Salt Lake City, Utah

Georgia Iron Works (Phosphate), Augusta, Ga.

Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.

Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.

Great Lakes Engng. Works, Real Estate Exch. bldg, Detroit, Mich.

Hallidie Co., Spokane, Wash. *See adv index at end of book*

Hammond Mfg. Co., Kamm bldg, Portland, Oregon

Harron, Rickard & McCone (Jobbers), 139 Townsend, San Francisco, Cal.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Herzler & Henninger Machine Works, Belleville, Ill.

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

International Metal Reclaiming Corp. ("Monarch"), 220 B'way, New York

Ironton Engine Co., Ironton, O.

Jackson Byron Iron Works, Berkeley, Cal.

JEFFREY MFG. CO. (Coal, etc., Electric), 961 N Fourth, Columbus, O. *See adv index at end of book*

Johnston & Jennings Co., Addison rd. & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*

Lake Shore Engine Works (Sinking & Exploring), Marquette, Mich.

Leynor, Geo. J. Engng. Co., Littleton, Col.

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Llewellyn Iron Works, Los Angeles, Cal.

McFarlane-Eggars Machinery Co., Denver, Colo.

Main Iron Works, 16th & Daggett, San Francisco, Cal.

Marion Mach. Fdry. & Supply Co., Marion, Ind.

Mecklenburg Iron Works (Gold, etc), Charlotte, N. C.

Mine & Smelter Supply Co., 42 B'way, New York

Morgan-Gardner Electric Co. (Coal, etc), 27th & Shields av, Chicago, Ill.

Morrow Mfg. Co., Wellston, O.

Oldroyd Mining Machine Co., 621 W Front, Cincinnati, Ohio

Ottumwa Iron Works (Coal, Gold & Silver), Ottumwa, Ia.

Portage Lake Foundry & Machine Co., Hancock, Mich.

Portland Iron Works, 14th & Northrup, Portland, Ore.

Power & Mining Machy. Co., 115 B'way, New York

Prox Frank Co., Terra Haute, Ind.

Puget Sound Iron & Steel Works, Tacoma, Wash.

Rauch Mfg. Co., Galena, Kans.

Rogers Jno. M. Works, Gloucester City, N. J.

Roy & Titcomb, Nogales, Ariz.

Salt Lake Engineering Works, Salt Lake City, Utah

Salt Lake Iron & Steel Co., Salt Lake City, Utah

Seattle Machine Works, 51 W Lander, Seattle, Wash.

SINTERING MACHINERY CORP., (for sintering ores), Netcong, Morris Co., N. J. *See adv index at end of book*

Stearns-Roger Mfg. Co., Denver, Colo.

Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.

Sturtevant Mill Co., Clayton & Park, Dor., Boston, Mass.

Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

Suppes Forge & Foundry Co., Johnstown, Pa.

Tamaqua Mfg. Co., Tamaqua, Pa.

TRAYLOR ENGINEERING & MFG CO., Allentown, Pa. *See adv index at end of book*

Union Iron Works, Spokane, Wash.

United Iron Works, Oakland, Cal.

United Iron Works Inc., Kansas City, Mo.

Virginian Electric & Machine Works, Charleston, W. Va.

Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.

Vulcan Iron Works, Wilkes-Barre, Pa.

Vulcan Mfg. Co., 1200 4th av, So Seattle, Wash.

Walker Mfg. Co., Denver, Colo.

Webb City & Carterville Foundry & Machine Works, Webb City, Mo.

Wellman-Seaver-Morgan Co. (Miscellaneous), Cleveland, O. *See adv index at end of book*

Western Iron Works, Butte, Mont.

Whitcomb Geo. D. Co., Rochelle, Ill.

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

8617-8—Mining Machinery (Coal)

See also Mining Machines; also Coal Cutting Machines

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Cooke-Wilson Co., 220 Penn, Pittsburgh, Pa.

Eagle Iron Works, Des Moines, Ia.

Ellison Wm. & Son Mfg. Co., St. Louis, Mo.

Exeter Machine Works, Pittston, Pa.

Finch Mfg. Co., Scranton, Pa.

Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.

Grant Iron Works (Mine & Breaker Machinery), Mahoney City, Pa.

Green L. A. (Dealer), First National Bank bldg, Pittsburgh, Pa.

Herzler & Henninger Machine Works, Belleville, Ill.

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

Jackson & Church Co., Saginaw, Mich.

JEFFREY MFG. CO. (Complete Equipment), 961 N Fourth, Columbus, O. *See adv index at end of book*

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

LINK-BELT CO., 329 W 39th, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

Mauch Chunk Iron Works, Mauch Chunk, Pa.

Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.

Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

Mineral Ridge Mfg. Co., Mineral Ridge, O.

Morgan-Gardner Electric Co. (Electric), 27th & Shields av, Chicago, Ill.

Mount Carmel Iron Works, Mount Carmel, Pa.

Oldroyd Mining Machine Co., 621 W Front, Cincinnati, Ohio

Ottumwa Iron Works, Ottumwa, Ia.

Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.

Prox Frank Co., Terre Haute, Ind.

Sanford-Day Iron Works, Knoxville, Tenn.

Savage W. J. Co., Knoxville, Tenn.

Tamaqua Mfg. Co., Tamaqua, Pa.

Tracy Bertrand P (Repair Parts), 901 Penn av, Pittsburgh, Pa.

United Iron Works, Inc., Kansas City, Mo.

Vulcan Iron Works, Wilkes-Barre, Pa.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

8619—Mining Machinery (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

8620—Mining Machines (Chain)

See also Coal Cutting Machines

Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.

8621-2—Mining & Crushing Machinery (Portable)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

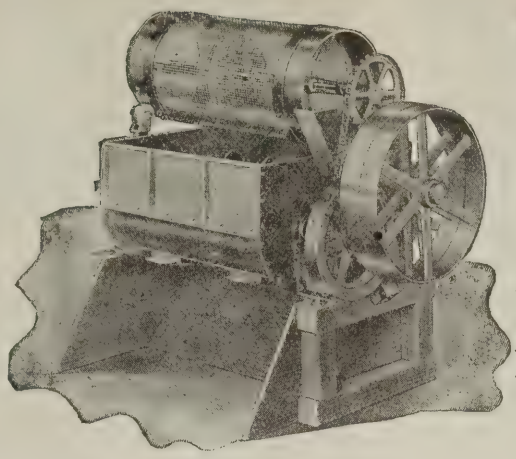
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

8623—Mitre Blanking Machines

Canton Foundry & Machine Co. ("Universal"), Canton, O.

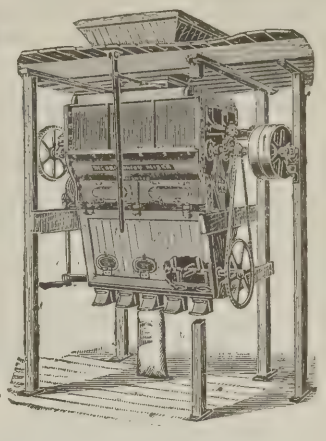


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8624—Mitre Cutting Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
Loy & Nawrath Co. (For Metal), 25 Runyon, Newark, N. J.

8625—Mitre Sawing & Clamping Machines

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.

8626— Mitreing Machines

American Woodworking Machinery Co., Rochester, N. Y.
Beach Mfg. Co., Montrose, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Jones Superior Machine Co. (For Wood), 1264 W North av, Chicago, Ill.
Maddox Machine Co. ("Maddox" Double Mitre Saw), Jamestown, N. Y.
Smith H. B. Machine Co., Smithville, N. J.
Triumph Mfg. Co. ("Powers" Mitreing & Cutting Machines for Printers), 500 Delaware, Kansas City, Mo.
Walter's Wm. P. Sons (And Vise Combined), 1233 Market, Phila., Pa.

8627—Mitering Machines (Paper, Cloth & Leather)

Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

8627a— Mixing Machinery

See also Specific Kind Required; also Mixers, Various Kinds

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Atlanta Utility Works (Fertilizer), Atlanta, Ga.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y *See adv index at end of book*
Smith T. L. Co., 1151 32nd, Wilwaukee, Wis. *See adv index at end of book*

8628—Mixing Machines (Coffee & Tea)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8629—Mixing Machines (Glue)

Challoner Co. (Vegetable Glue), Oshkosh, Wis.

8630—Moistening Machines (Paper Cloth, Leather, Etc.)

Crowell Corp., 241 37th, Brooklyn, N. Y.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Papco Paper Products Co. (Tapes), Atlanta, Ga.

8631—Molasses Filling Machines

Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8631a— Molding Machines

Bryan Pattern & Mach. Co., Bryan, O.
Dopp J. W. (Dealer), 18 W Columbia, Detroit, Mich.
Hanna Engineering Wks. ("Mumford"), 1764 Elston av, Chicago, Ill.
Nicholls Wm. H., Inc., 2 College pl, Brooklyn, N. Y. *See adv index at end of book*
Osborn Mfg. Co. ("Osborn," Plain, Core, Rollover Stripper & Squeezer), 5401 Hamilton av, Cleveland, O.

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Wm. H. Nicholls Co., Inc.
2 College Place Brooklyn, N. Y.
Branch: 10108 Detroit St., Cleveland, O.

8632—Molding Machines (Foundry)

Adams Co. ("Farwell," Universal Automatic & Multiple), Dubuque, Ia.
Am. Fdry Equipment Co., 366 Madison av, New York
Am. Molding Machine Co., Terre Haute, Ind.
Arcade Mfg. Co. ("Modern," for Small Castings; also "Norcross," Jolt Ramming Machines), Freeport, Ill.
B & B Mfg. Co. ("B & B" Hand Jar & Squeezer), Indianapolis, Ind.
Berkshire Mfg. Co. ("Universal," "Berkshire" Automatic Air Squeezer & Hand Squeezer), Whitney Power blk, Cleveland, O.
Bridgeport Die & Machine Co. ("Bridgeport"), Bridgeport, Conn.
Buch Foundry Equipment Co. (Jar Squeeze, Roll-over & Pattern Draw), Bridgeport, Pa.
Buch's A. Sons Co. (Gravity Moulder & "Parks" Portable Jar & Squeezer), Elizabethtown, Pa.
Champion Foundry Machy. Co., 2419 W. 14th, Chicago, Ill.
Cooper H. W. Saddlery Hdw. Mfg. Co. (Moline Squeezer), Moline, Ill.
Davenport Mach. & Fdry. Co. (Joits & Squeezers), Davenport, Ia.
Dayton Molding Machine Co. ("Mumford") Dayton, Ohio
Delano E. A. Co. (For Pulley Molding, etc), 1401 W North, Chicago, Ill.
Demmler Wm. & Bro. ("Kewanee," Jarring Type), Kewanee, Ill.
Elmira Foundry Co. ("Gow"), Elmira, N. Y.
Federal Malleable Co. ("Rapid"), West Allis, Wis.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Freeman Mfg. Co. ("Dearsley"), Racine, Wis.
Hagerstown Foundry & Machine Co., Hagerstown, Md.
Harriman Mfg. Co. (Gravity Molder), Harriman, Tenn.
Herman Pneumatic Machine Co. ("Herman," Jarring), Zelienople, Pa.
International Molding Machine Co. ("International"), 2614 W. 16th, Chicago, Ill.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Lourie Mfg. Co., The, Springfield, Ill. *See adv index at end of book*
Midland Machine Co. ("Grimes" Roll-Over), 1218 Hastings, Detroit, Mich.
Mumford Molding Machine Co., 1765 Elston, Chicago, Ill.
Newman Machine Co. (Heavy 7 to 14 inch), Greenboro, N. C.
NICHOLLS WM. H. CO., INC., 2 College pl, Brooklyn, N. Y. *See adv index at end of book*
Osborn Mfg. Co. ("Osborn" Core, Roll Over Hand & Power, Squeezer Power, Stripping Plate, Hand & Power), 5401 Hamilton av, Cleveland, Ohio
Phenix Iron Works (Pulley), Winona, Minn.
Pridmore Henry E., 1901 S Rockwell, Chicago, Ill.
Reynolds James Mfg. Co., New Haven, Conn.
Syracuse Malleable Iron Works ("Burns Economic"), Syracuse, N. Y.
Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.
Turner Foundry & Machine Co., 3632 N. Lawrence, Phila., Pa.
Turner Machine Co., 75 Fulton, New York
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

8633—Molding Sander Machines

Austin & Eddy ("Pioneer"), 117 Broad, Boston, Mass.
Duplex Moulding Sander Co. ("Duplex"), Hornell. N Y.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.

8634—Mop Making Machines

Saunders & Co. (Automatic), 1700 B'klyn av, Kansas City, Mo.

Mortar Mixing Machinery

See Mixing Machinery

Mortising Machines

Mortising Machines are Classified Under the Kind Descriptive Thereof

8635—Mosaic Cutting Machinery

Patch F. R. Mfg. Co., Rutland, Vt.

8636—Mosaic & Tile Floor Polishing Machines

Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S. Clinton, Chicago, Ill.
Herr John Mfg. Co., 44 N 4th, Phila., Pa.
Patch F. R. Mfg. Co., Rutland, Vt.

8637—Motor Fly Wheel Balancing Machinery

Defiance Machine Works, Defiance, O.

Moulding Machines

See Molding Machines

8638—Moving Picture Film Machines

Atlas Educational Film Co., 63 E Adams, Chicago, Ill.
Beck Chas. Machine Co., 607 Chestnut, Phila, Pa. *See adv index at end of book*
Nicholas Power Co., 90 Gold, New York
Schneider Erberhard, 219 2nd av, New York

8639—Moving Picture Machines

Amusement Supply Co., 5 S Wabash, Chicago, Ill.
Baird Motion Picture Machine Co., 24 E 23d, New York
Bell & Howell Co. (Printing, Perforating, Splicing and Accessories), 1803 Larchmont av, Chicago, Ill.
Bosworth, De Frenes & Felton (For Advertising, etc), Wilkes-Barre, Pa.
Gennert G., 24 E 13th, New York
Graphoscope Development Co. ("Graphoscope"), 49 Mechanic, Newark, N. J.
Imperial Elec. Co., Union City, Ind.
Kinockon Apparatus Corp., Bridgeton, N. J.
Kleine Optical Co., 207 S Wabash av, Chicago, Ill.
Monarch Theatre Supply Co., 537 S. Dearborn, Chicago, Ill.
Nicholas Power Co., 90 Gold, New York
Power Nicholas Co. (Powers Cameragraph), 90 Gold, New York
Precision Machine Co. (Motor Driven), 317 E 34th, New York
Schneider Eberhard, 219 2nd av, New York

MOVING PICTURE MACHINES—cont.
Selig Polyscope Co. ("Polyscope"), 3901 Western av, Chicago, Ill.
Stout Machine Co., Rockford, Ill.
Victor Animatograph Co., Davenport, Iowa

8640—Muscle Testing & Lifting Machines

Mills Novelty Co., 221 S Green, Chicago, Ill.

8641—Mustard Seed Cleaning Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8642—Nail Keg Stave Machinery

Lenker Frank K. & Co. (Sawing, Jointing, Crozing, Cut-Off, Bolting, etc.), Millersburg, Pa.

8643-4—Nail Mill Machinery

Cleveland Machine & Mfg. Co., 4944 Hamilton av, Cleveland, O.
Glader Wm. ("Glader" Wire Nail), 210 N Ann, Chicago, Ill.
Kimball Bros. & Sprague (Shoe), Brockton, Mass.
Miller's H. J. Sons ("Perkins Pattern" Wire), Bridgewater, Mass.
National Machinery Co. (Wire), Tiffin, O.
Perkins Henry Co. (Wire), Bridgewater, Mass.
SLEEPER & HARTLEY, INC. (Wire Nail & Nail Die Grinding, Wire Cuts, Tumbling Barrels, etc.), 335 Chandler, Worcester, Mass.
See adv index at end of book
Vaughn Machinery Co. (Wire Nail, Mill, etc), Cuyahoga Falls, O.
See adv index at end of book
Walton & Macke Nail Co. (Wire), Kokomo, Ind.

Nail Pulling Machines

See Pullers, Nail

Nailing Machines

See Box Nailing Machines; also Hoop Nailing Machines

8645-6-7—Neck Yoke & Singletree Machinery

Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

8648—Nibber & Trimming Machines (Combined)

Rock River Machine Co., Janesville, Wis.
Ryerson Joseph T. & Son (For Spring Shop Work), 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

8648a—Nickel Silver Rolling Mill Machinery

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8649—Nipple Cutting Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.
Landis Machine Co., Waynesboro, Pa.
Williams Tool Co., Erie, Pa.

8650—Nipple Threading Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.
Landis Machine Co., Waynesboro, Pa.
Murchey Machine & Tool Co. ("Murchey," Automatic), 85 Porter, Detroit, Mich.
Oster Mfg. Co., 2057 E 61st pl, Cleveland, Ohio

8651—Nitrating Centrifugal Machines

Watson Machine Co., Paterson, N. J.

Noodle Machinery

See Macaroni Machinery

8652— Notching Machines

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
BLISS E. W. CO. (Armature), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Hilles & Jones Co. (Splice Bar), E Wilmington, Del. *See adv index at end of book*
Leffler Chas. & Co. (Also Bench Notching Machinery for Pierced Tin Ware, Can Boxes, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Long & Allstatter Co. (Disc Armature), Hamilton, O.
Metal Package Corp. of New York, 509 5th av, New York
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Rock River Machine Co., Janesville, Wis.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

8653—Nougat Cutting Machines

Rittenhouse Frank, Norristown, Pa.

8654— Numbering Machines

American Numbering Machine Co., 224 Shepherd, Brooklyn, N. Y.
American Perforator Co. ("American" Perforator), 621 W. Jackson blvd, Chicago, Ill.
Bates Mfg. Co. ("Bates" & "Wizard" Automatic Hand), 50 Church, New York
Cushman & Denison Mfg. Co. ("Reliance") 240 W 23d, New York
Dickey-Grabler Works, W Madison & 103d, Cleveland, O.
Dill Mfg. Co., 684 E. 82nd, Cleveland, O.
Force W. A. & Co., 535 Pearl, New York
Haynes & Co., 75 Westminster, Providence, R. I.
Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Kastens Henry, 418 W 27th, New York
Koch Gustav & Co., 120 S Clark, Chicago, Ill.
Matthews Jas. H. Co. (Automatic), 3942 Forbes, Pittsburgh, Pa.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Roberts Numbering Machine Co. ("Bates," Automatic), 706 Jamaica av, Brooklyn, N. Y.
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co. (Also for Case Marking), 9 Cornhill, Boston, Mass.
Stewart R. A. & Co. ("Premier"), 201 B'way, New York
Swisher R. D. Mfg. Co., 415H S. Clinton, Chicago, Ill.
Time & Enery Co., 9 S Clinton, Chicago, Ill.
Traut & Hine Mfg. Co. ("Climax"), New Britain, Conn.
Wetter Numbering Machine Co., 255 Classon av, Brooklyn, N. Y.

8655—Numbering & Paging Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.
Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
Sheridan T. W. & C. B. Co., 434 Broadway, New York

8656—Nut Blanking Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8657—Nut Burring Machines

Howard Iron Works, Buffalo, N. Y.
National Machinery Co., Tiffin, O.

8658— Nut Facing Machines

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
National Machinery Co., Tiffin, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Victor Tool Co. ("Victor"), Waynesboro, Pa.

8659—Nut Finishing Machines

Pawtucket Mfg. Co., Pawtucket, R. I.

Nut Machinery

See Bolt & Nut Machinery

8660—Nut Machines (Hot Pressed)

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co., 3330 Lakeside av, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
National Machinery Co., Tiffin, O.

8661—Nut Tapping Machines

Acme Machinery Co. (Automatic), 4533 St. Clair av, Cleveland, O.
Automatic Machine Co. ("Coulter" Horizontal), Bridgeport, Conn.
Brown H. B. Co., East Hampton, Conn.
Eilers H. P. Mfg. Co., Cleveland, O.

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NAIL MACHINES NAIL DIE GRINDERS WIRE REELS
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Nail machines of a new type; fast, smooth, and quiet-running. With balanced members, and having neither cams nor gears

SLEEPER & HARTLEY, Inc., Worcester, Mass., U.S.A.

(See our advs. at Spring Coiling Machy. and Springs)

Howard Iron Works, Buffalo, N. Y.
Landis Machine Co., Waynesboro, Pa.
National-Acme Co., 7500 Stanton av, S. E., Cleveland, O.
National Machinery Co. (Semi-Automatic & Automatic), Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., (2, 3, 4, 6 & 9 Spindles), Pawtucket, R. I.
San Francisco Engng. Co., 322 6th, San Francisco, Cal.
Simmons Machine Co. (Inc.), ("Simmons" openside), 987 B'way, Albany, N. Y.
Universal Machine Co., Bowling Green, O.
Webster & Perks Tool Co., Springfield, O.

8662—Nut Tapping Machines (Multiple Spindle)

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
National-Acme Co., 7500 Stanton av, S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

8663—Oat Clipping Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8664—Oat Groats Machinery

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8665— Oat Machinery

Barnard Machinery Co., Dept H, Enterprise, Kans.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Separators, Clippers & Extractors), Silver Creek, N. Y.

8666— Oat Meal Machinery

Dibert L. C. Co., 35 Minna, San Francisco, Cal.
Invincible Grain Cleaner Co. (Cleaning, Grading & Packing), Silver Creek, N.Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co. (Hullers), Muncy, Pa.

8667—Oil Cake Packing Machines

French Oil Mill Machinery Co., Piqua, O.

8668—Oil Cake Trimming Machines

French Oil Mill Machinery Co., Piqua, O.

8669— Oil Chilling Machines

Carbondale Mach. Co., Dept H, Carbondale, Pa.
Moore Sam'l L. & Sons, Elizabeth, N. J.

8670— Oil Cloth Machinery

Currier Cyrus & Sons, 365 Market, Newark, N. J.
Dienelt & Eisenhardt, Inc. (Printing), 1304 N. Howard, Phila., Pa.
Moore & White Co. (Oil Cloth Printing Machines), N 15th & Lehigh av, Phila., Pa.
Rich J. & G., 120 N 6th, Phila., Pa.
Waldron Jno. Co., New Brunswick, N .J.

8671— Oil Mill Machinery

See also Cottonseed Oil Machinery

American Machine & Mfg. Co. (Copra, Corosa Nuts, Peanuts, Rape Seed, Sesame Seed & Sun Flower Seed), Atlanta, Ga.
Atlanta Utility Works, Atlanta, Ga.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Buckeye Iron & Brass Works, Dayton, O.
Burruss Engineering Co., Atlanta, Ga.
Callahan W. P. & Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
French Oil Mill Machinery Co., (Oil Cake Trimming & Packing), Piqua, O.
Hydraulic Press Mfg. Co. (Hydraulic Press), Mt. Gilead, O.
Jeffrey Mfg. Co. (Package Handling Machines for Department Stores, Factories, etc), 961 N 4th, Columbus, O. *See adv index at end of book*
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Lombard Iron Works & Supply Co., Augusta, Ga.
Murray Co., Dallas, Tex.
Platt Iron Works Co. (Cotton, Linseed, etc), Dayton, O.
Sprout Waldron & Co., Muncy, Pa.

Oil Well Machinery

See Well Drilling Machinery

8672-3—Oil Well Pulling Machines

Buckeye Traction Ditcher Co. (Pulling & Cleaning), Findlay, Ohio
Herron R. H. Co., 934 N Alameda, Los Angeles, Cal.
National Supply Co., Union B'k bldg., Pittsburgh, Pa.

8674—Oil & Waste Saving Machines

D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa. *See adv index at end of book*

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.
Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

8675—Oleo & Lard Rendering Machinery

Brecht Co., 1201 Cass av, St. Louis, Mo.

Opticians' Machines

See Jewelers' & Opticians' Machines & Tool

Ore Briquetting Machinery

See Briquetting Machinery

Ore Concentrating Machines

See Concentrators, Ore

Ore Handling Machinery

See Coal & Ore Handling Machinery

8676—Ore Milling Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Colorado Iron Works Co., Denver, Colo.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.

8677—Ore Reduction Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Arzinger W. O. Machy. Co., Nashville, Tenn.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*

8678—Ore Washing Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Davis Foundry & Machine Works, Rome, Ga.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
McLanahan-Stone Mach. Co., Hollidaysburg, Pa.
Mine & Smelter Supply Co., 42 B'way, New York
Rome Machine & Foundry Co., Rome, Ga.
Tamaqua Mfg. Co., Tamaqua, Pa.

8679—Oyster Canners' Machinery

Chain Belt Co., Milwaukee, Wis.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8680—Oyster Cultivating Machinery

Automatic Machine Co., Bridgeport, Conn.

8681—Package Handling Machines For Department Stores, Factories, Etc.

Chain Belt Co., Milwaukee, Wis.
Jeffrey Mfg. Co., 961 N 4th Columbus, O. *See adv index at end of book*
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

8682—Package Heading-Up Machines

Glader Wm. ("Glader" 10 to 30 Gallons), 210 N Ann, Chicago, Ill.

8683-4—Package Sealing & Labeling Machines

Eisler Anthony & Co. ("Jiffy" Sealing), 227 Canal, New York
PETERS MACHINERY CO., 209 S. La Salle, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Standard Automatic Machine Co., Rochester, N. Y.

8685—*Packers' Can Making Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

McDonald Mach. Co., 7600 S. Racine av, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

8686—Packing House Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Allbright-Nell Co., 5315 Western av, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Dayton Beater & Hoist Co., Dayton, O. *See adv index at end of book*
Flynn & Emrich Co. (Ham Cookers), 305 N Holliday, Baltimore, Md.
Jeffrey Mfg. Co., 961 N 4th Columbus, O. *See adv index at end of book*
Joslin-Schmidt Co. (For Working up Waste Products), 3223 Spring Grove av, Cincinnati, O.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*
LINK-BELT CO. ("Link Belt"), 329 W 39th, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
Murray Iron Works Co., Burlington, Ia.
PERRIN WM. R. & CO., 37 W Van Buren, Chicago, Ill.
Redfield Robert S., 327 S La Salle, Chicago, Ill.
Vulcan Iron Works, Inc., Hudson & Essex, Jersey City, N. J.

8687— Packing Machines

See also Bag Filling Machines

Allis-Chalmers Mfg. Co. (Bran, Flour, etc), Milwaukee, Wis.
American Machine & Foundry Co., 5520 2d av, Brooklyn, N. Y.
Anglo Am. Mill Co. (Flour & Feed), Owensboro, Ky.
Barnard & Leas Mfg. Co. (Sugar, Flour, Bran, Cement, etc), Moline, Ill.
Brown A. & F. Co. (Sugar Barrel Filling), 79 Barclay, New York.
Campbell Peter F. ("Campbell" Flour), 51 Laurel, Phila., Pa.
Cardwell Mach. Co. (Tobacco), 1900 E Cary, Richmond, Va.
Hersey Mfg. Co. (Sugar), 314 W 2nd, Boston, Mass.
Howes S. Co. (Cement), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Flour, Bran, Feed, Cotton Hulls, Cement, Lime, Paint & All Pulverized Minerals), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible" Cement, Flour, Bran, Corn Meal, Alfalfa, Lime, etc), Silver Creek, N. Y.
Modern Bag Co. (Cement, Plaster, etc), East Orange, N. J.
Nordyke & Marmon Co. (Bran, Flour, Sack, etc), Kentucky av & Morris, Indianapolis, Ind.
Peters Machinery Co., 209 So. La Salle, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Richardson Scale Co. (Combined Scale Packers for Flour, Bran, Beet Pulp & Other Feeds), Passaic, N. J.
Robinson Mfg. Co. (Bag Packers), Muncy, Pa.
Ross Chas. & Son Co. (Barrel, etc), 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co. (For Flour, Bran, Feed, etc), Muncy, Pa.
U. S. Bottlers' Machinery Co. ("U. S." Talcum Powder), 2511 Park av, Chicago, Ill.
Unit Weighing & Packing System (for Baking Powder, Tea, Coffee, Cereals, etc), Scott & McHenry, Baltimore, Md.
United Iron Wks. Inc. (Cement), Kansas City, Mo.
VALVE BAG CO. OF AMERICA (Bag Filling, Lime), 3440-3444 Summit av, Toledo, O. *See adv index at end of book*
Wolf Co., Chambersburg, Pa

8688—Packing Machines (Cottonseed & Linseed Cake)

French Oil Mill Machinery Co., Piqua, O.

8689— Pail Handle Machines

Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goodspeed Machine Co., Winchendon, Mass.
Kline Lewis T., Alpena, Mich.

Pail Machinery

See Tub & Pail Machinery

8690—*Paint Can Machinery

AMS, MAX MACHINE CO., 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8691-2—Paint Grinding & Mixing Machinery

See also Mills, Grinding; also Machinery, Pulverizing

ABBE PAUL O., INC. (Paint & Color), 924 Johnston bldg, New York

PAINT GRINDING & MIXING MACHINERY—continued

Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Acton John, 118 John, Brooklyn, N. Y.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT, C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bay Gottfried, 537 W 50th, New York
Campbell P. F., 51 Laurel, Phila., Pa.
Day J. H. Co., Cincinnati, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Gaston's N. B. Sons Co. (Grinding), Beloit, Wis.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Manitowoc Engineering Works, Manitowoc, Wis.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Olson Tiligner Mfg. Co., 2280H Elston av, Chicago, Ill.
Patterson Fdry. & Mach. Co., E. Liverpool, Ohio
Poole Engng. & Mach. Co., Woodberry sta, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Union Engineering Co., Cuyahoga and W. 4th, Cleveland, O.
Waterville Fdry. & Mfg. Co., Waterville, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

8693—Paint & White Wash Spraying Machines

See also Pneumatic Painting Machine

Albert Lea Sprayer Co., Albert Lea, Minn.
Bean Spray Pump Co. (White Wash Only), San Jose, Cal.
Bradsto Appliances Inc. ("Stowe," "Buprescо"), 65 Main, Buffalo, N. Y.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
DEMING CO. ("Century," "Major," Multispra" Whitewashing), Salem, *See adv index at end of book*
De Vilbiss Mfg. Co. ("Aeron" System Pneumatic), Toledo, O.
Eclipse Air Brush Co., 79 Orange, Newark, N. J.
FOX M. EWING CO., 241 E 136th, New York
Gustin-Bacon Mfg. Co., Kansas City, Mo.
Hardie Mfg. Co. (Pneumatic), Hudson, Mich.
International Engineering Co. ("Autograph" & "Automatic" Paint Sprayers), 42 Exchange, Malden, Mass.
Koenigkramer F. & F. ("Paragon"), 1914 Western av, Cincinnati, O.
Lederer F. J. Co., 66 Forest av, Buffalo, N. Y.
MacLeod Co. ("Buckeye"), 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Muralo Company ("Cyclo"), Rich. Ter., New Brighton, Borough of Richmond, N. Y.
MYERS F. E. & BRO. ("Myers," "Century," "Handy," "Hydraulic," "Duplex" Handle Automatic, 900 Fourth, Ashland, O. *See adv index at end of book*
Patton Paint Co., Milwaukee, Wis.
Spray Engineering Co. ("Spraco" Point Gun), 60 High, Boston, Mass.
Star Brass Works ("Binks Star"), 3129 Carroll av, Chicago, Ill.
Star Pointer Pump Mfg. Co., Menasha, Wis.
Vortex Mfg. Co. ("Vortex"), W 77th, Cleveland, Ohio

8694—Pamphlet Stitching Machines

See also Wire Stitching Machines

Brown R. H. & Co., New Haven, Conn.
Rosback F. F. Co., Benton Harbor, Mich.

8695-6—Pan Cleaning & Greasing Machines

Gottschalk & Co. ("Standard," for Bakers) Reedsville, Pa.
Maag August Co., 509 W. Lombard, Baltimore, Md.

8697—Panel Raising Machines

Amer. Woodworking Machy. Co., Rochester, N. Y.
Cordesman Rechtin Co., Butler, Cincinnati, O.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Heath W. A. Machine Co., Lestershire, N. Y.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

8698— Pantograph Machines

Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.

8699-700—Paper Bag Machinery

Brown Bag Filling Machine Co. (Making, also for Filling & Sealing Flat Paper Bags), Fitchburg, Mass.
Bond Bros. (Carton), Ednor, Md.
Fischer Machine Co., 310 N 11th, Phila., Pa.
Fuller-Saxton Co., Drexel bldg, Phila., Pa.
Lockport Machine Co. (Flat & Square), Lockport, N. Y.
Paper Working Machines Co., av U, Brooklyn, N. Y.
Potdevin Machine Co., 1221 38th, Brooklyn, N. Y.
Schmidt F. L. Co., 11th av & 21st, New York
Smith & Winchester Mfg. Co. (Cement, Flour, etc), South Windham, Conn.
South Bend Paper Co., South Bend, Ind.

8701—Paper Board Printing Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*

8702—Paper Bottle Cap Machinery

Swift Geo. W. Jr., Bordentown, N. J.

8703—Paper Box, Corner Cutting Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila, Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8704—Paper Box Corner Staying Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8705—Paper Box Covering Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
New Jersey Machine Corp, Hoboken, N. J.
Stokes & Smith Co., Summerdale Sta., Phila., Pa.

8706—Paper Box Cutting & Scoring Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Herrick & Cowell (Rotary), New Haven, Conn.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor") 1153 Fulton, Chicago, Ill.

8707—Paper Box Edging Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

8708—Paper Box Ending Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8709—Paper Box Folding & Glueing Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Herrick & Cowell (Hand Fed), New Haven, Conn.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
New Jersey Machine Corp, Hoboken, N. J.
Peters Machinery Co., 209 S La Salle, Chicago, Ill. *See adv index at end of book*
Standard Automatic Machine Co., Rochester, N. Y.

8710—Paper Box Forming Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
New Jersey Machine Corp, Hoboken, N. J.
Peters Machinery Co., 209 S La Salle, Chicago, Ill.

8711—Paper Box Gumming Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8712— Paper Box Machinery

Beard Machine Co., Inc., 350 Walton av, New York
Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*

PAPER BOX MACHINERY
For Quantity Production
CHARLES BECK MACHINE CO.
607 Chestnut St., Philadelphia

Griswold Geo. M. Machine Co., New Haven, Conn.
Herrick & Cowell, New Haven, Conn.
Hobbs Mfg. Co. (Folding Machines), Worcester, Mass.
Inman Mfg. Co., Amsterdam, N. Y.
International Paper Box Mach. Co., Nashua, N. H.
Jacques John & Son, Worcester, Mass.
Kingsbury & Davis Machine Co. ("Standard" Automatic Double End Setting), Contoocook, N. H.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Langston Samuel M. Co., Camden, N. J.
Latham Machinery Co., 1153 Fulton, Chicago, Ill.
Marshall Son & Co. (Guage Table Shears, etc), 226 Purchase, Boston, Mass.
National Metal Edge Box Co., 1217 Callowhill, Phila., Pa.
New Jersey Machine Corp, Hoboken, N. J.
Rau Emanuel (Embossing), 30 Church, New York.
Robinson John T. Co., Hyde Park, Mass.
Saranac Machine Co. ("Advance" Stapling Machines), Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Standard Automatic Machine Co., Rochester, N. Y.
Staude E. G. Mfg. Co., St. Paul, Minn.
Stokes & Smith Co., Summerdale Sta, Phila., Pa.
Swift Geo. W. Jr., Bordentown, N. J.

8713—Paper Box Printing Machines

Kidder Press Co. (For Cartons), Dover, N. H.

8714—Paper Box Sealing Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
New Jersey Machine Corp, Hoboken, N. J.
Standard Automatic Machine Co. (Cigarette & Cartridge Boxes Only), Rochester, N. Y.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.

8715—Paper Box Thumbhole Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rachester, N. Y.

8716—Paper Box Topping Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8717—Paper Box Wire Stitching Machines

Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

8718—Paper Box Wrapping Machines

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
New Jersey Machine Corp, Hoboken, N. J.

8719—Paper Calendering Machines

Clark H. C. & Son Machine Co., Lee, Mass.
Downington Mfg. Co., East Downing, Pa.
Norwood Engineering Co., Florence, Mass.

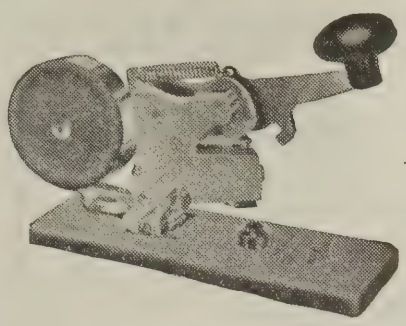
8720— Paper Can Machinery

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Paper Working Machines Co., av U, Brooklyn, N. Y.

8721—Paper Clip & Fastener Machines

Automatic Pencil Sharpener Co., 58 E Washington, Chicago, Ill.
Baird Machine Co. (Automatic), Bridgeport, Conn.

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EVEREADY MFG. CO. OF BOSTON ("Eveready" Automatic), 9 Knapp, Boston, Mass.
See adv index at end of book
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
Special Machinery Co., (Automatic), Bridgeport, Conn.

8722—Paper Coating Machines

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Knowlton M. D. Co. (Silicate of Soda & Tint Solutions), 26 Elizabeth, Rochester, N. Y.
Mayer Coating Machine Co. (Waxed), 187 N Water, Rochester, N. Y.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Waldron John Co., New Brunswick, N. J.

8723—Paper Covering Machines

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Watson Machine Co., Paterson, N. J.

8724—Paper Cutting Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co. (Paper Scrap), 50G Church, New York
See adv index at end of book
Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Beloit Iron Works, Beloit, Wis.
Black-Clawson Co. ("Perfect"), Hamilton, O.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Central Machine Co., Niagara Falls, N. Y.
Challenge Machy. Co. ("Advance", "Diamond" Lever & Power), Grand Haven, Mich.
Champion Paper Cutter Co., Piqua, O.
Chandler & Price Co. (Lever & Power), 6000 Carnegie av, Cleveland, O.
Child Acme Cutter & Press Co. ("Acme" Self-Clamping), 184 Summer, Boston, Mass.
Clark H. C. & Son Machine Co. (Revolving for Paper Mills), Lee, Mass.
Dexter Folder Co., 200 5th av, New York
Dillon Machine Co. (Horizontal & Vertical, Single, Double Cutters), Lawrence, Mass.
Eardley Wm. F. & Bro., 138 Centre, New York
Fuller E. C. Co. ("White"), 28 Reade, New York
Golding Mfg. Co., Franklin, Mass.
Hamblet Mach. Co. (Revolving), Lawrence, Mass.
Highland Mach. Co. ("National"), 58 Kemble, Rox., Boston, Mass.
Inman Mfg. Co., Amsterdam, N. Y.
Interstate Machy Co., Troy, N. Y.
Jacques Jno. & Son (14 inch Long), Worcester, Mass.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co., 203 Wooster, Rochester, N. Y.
Langston Samuel M. Co. (Rotary, for Fine Card Work), Camden, N. J.
Rice Barton & Fales Machine & Iron Co. ("Hill" Diagonal; also Revolving), Worcester, Mass.
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Smith & Winchester Mfg. Co. (Undercut Trimmer for Paper Mills), S Windham, Conn.
Standard Machy. Co. ("Keystone"), Mystic, Conn.

8725—Paper Feeding Machines

Cross Paper Feeder Co., 185 Summer, Boston, Mass.
Dexter Folder Co., 200 5th av, New York
Hickok W. O. Mfg. Co. (Automatic), Harrisburg, Pa.
United Printing Machinery Co. (Automatic), 100 Summer, Boston, Mass.

8726—Paper Folding Machines

(For Bookbinders, Printers, Etc.)
American Folding Machine Co. ("American"), Warren, O.
Borden Co., The, Warren, O.
Brown Folding Machine Co., Erie, Pa.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Cleveland Folding Machine Co. ("New Idea"), 5200 Euclid av, Cleveland, O.
Colton Arthur Co., 2600H E. Jefferson, Detroit, Mich.
Dexter Folder Co., 200 5th av, New York
Dillon Mach. Co. ("Brannan"), Lawrence, Mass.
Eclipse Machine Co., Sidney, O.
Fuller E. C. Co., 28 Reade, New York
Herrick Chas. E., Northampton, Mass.
Mentges Folder Co., Sidney, O.
Omaha Folding Machine Co., Omaha, Neb.
Sheridan T. W. & C. B. Co., 434 B'way, New York

8727—Paper-Making Machines

Bagley & Sewall Co., Dept H, Watertown, N. Y.
Beloit Iron Works, Dept H, Beloit, Wis.
Blacks-Clawson Co., Dept H, Hamilton, O.
Downingtown Mfg. Co., Dept H, East Downingtown, Pa.
Emerson Mfg. Co., Dept H, Lawrence, Mass.
Horne J. H. & Sons Co., Dept H, Lawrence, Mass.
McKim Foundry & Machine Co. (Miniature for Laboratories, Color Mfrs., etc.), Dept H, Lockport, N. Y.
Moore & White Co., Dept H, N. 15th & Lehigh av, Phila., Pa.
Pusey & Jones Co., Dept H, Wilmington, Del.
Rice Barton & Fales Machine & Iron Co., Dept H, Worcester, Mass.
Sandy Hill Iron & Brass Works, Dept H, Hudson Falls, N. Y.
Smith & Winchester Mfg. Co., Dept H, South Windham, Conn.

8728—Paper Milk Bottle Machinery

Burpee & Letson, Ltd., Bellingham, Wash.

Paper Mill Machinery

See Paper & Pulp Mill Machy.

8729—Paper Napkin Machinery

Waldron John Co., New Brunswick, N. J.

8730—Paper Pail Machinery

Paper Working Machines Co. (Ice Cream & Oyster Pail, etc.) av U Brooklyn, N. Y.

8731—Paper Punching Machinery

See also Perforating Machines

Hinze H., 460 W 149th, New York.
Knowlton M. D. Co. (Also Cardboard, Asbestos, etc), 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor" Duplex & Multiplex), 1152 Fulton, Chicago, Ill.
Rosback F. P. Co., Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Southworth Machine Co. ("Southworth" Hand & Foot Power & "Portland" Multiple Foot & Power), Portland, Me.

8732—Paper Rewinding Machines

See also Paper Slitting & Re-winding Machine

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Downington Mfg. Co., East Downington, Pa.
Hagerstown Foundry & Machine Co., Hagerstown, Md.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Ticonderoga Machine Works ("Warren," Double Drum), Ticonderoga, N. Y.

8733—Paper Rule Forming Machines

Herrick & Cowell, New Haven, Conn.

8734—Paper Ruling Machines

Dewey F. E. & B. A., Springfield Mass.
Hickok W. O. Mfg. Co., Harrisburg, Pa.

8735—Paper Saturating, Coating & Water-proofing Machines

Moore & White Co., N 15th & Lehigh, Phila., Pa.

Paper Scoring Machines

See paper Box Cutting & Scoring Machines

8736—Paper Shipping Case Machinery

Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*

8737—Paper Slitting & Rewinding Machines

American Machine Co., Newark, Del.
Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Beloit Iron Works (Rewinders), Beloit, Wis.
Black-Clawson Co., Hamilton, O.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

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Dietz Machine Works, 126 Fontaine, Phila., Pa.
Fales L. F. (Paper Slitting), Walpole, Mass.
Griswold George M. Machine Co. (Rotary Sheet Slitting, etc), New Haven, Conn.
Hamblet Machine Co. (Top Slitters), Lawrence, Mass.
Hobbs Mfg. Co., Worcester, Mass.
Jacques Jno. & Son (For Paper Box Covering & Trimming), Worcester, Mass.
Jolly J. & W., Holyoke, Mass.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.
Koegel Chas. & Sons, Holyoke, Mass.
Krauth & Benninghofen (Slitters), Hamilton, O.
Langston Samuel M. Co., Camden, N. J.
Marshall Son & Co. (For Roll Paper), 226 Purchase, Boston, Mass.

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Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

8738—Paper Stapling Machines

Acme Staple Co. (Ltd.), (For Bookbinders), Camden, N. J.
Hotchkiss E. H. Co., Norwalk, Conn.

Paper Stock Cutting Machines

See Rag Cutting Machines

8739—Paper Stock Thickening Machines

Ticonderoga Machine Works ("Improved"), Ticonderoga, N. Y.

8740—Paper Tapeing Machines

New England Butt Co. (For Covering Wire with Paper), 304 Pearl, Providence, R. I.

8741—Paper Towel Machinery

Dietz Machine Works (Perforating, Slitting & Rewinding), 126 Fontaine, Phila., Pa.

8742—Paper Tube Machines

Beck, Chas. Machine Co. (Rolling & Cutting), 607 Chestnut, Phila., Pa.
See adv index at end of book
Dietz Machine Works, 126 Fontaine, Phila., Pa.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Leffler Chas. & Co. (Spiral Tube Winding), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Paper Working Machines Co., Ave. U, Brooklyn, N.

8743—Paper Twine & Cordage Machinery

Brownell G. L., Worcester, Mass.

8743a—Paper Waxing Machines

International Paper Box Mach. Co., Nashua, N. H.
Knowton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

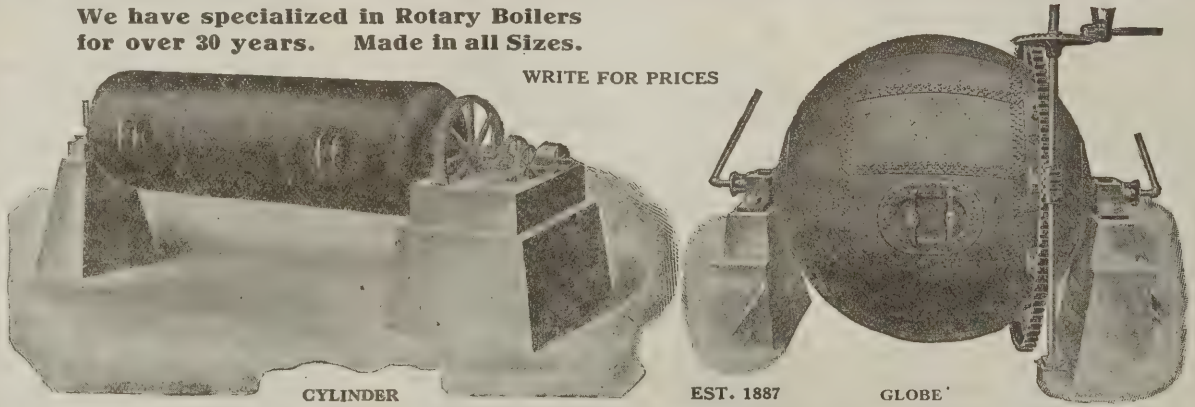
8744—Paper & Pulp Mill Machinery

Appleton Machine Co., Appleton, Wis.
Bagley & Sewall Co., Watertown, N. Y.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y. *See adv index at end of book*
Beloit Iron Works, Beloit, Wis.
Bigelow Cheney Wire Works, Springfield, Mass.
BIGGS BOILER WORKS CO. (Rotary Bleaching Boilers), Case av & Williams, Akron, O.
See adv index at end of book
Bird Machine Co., East Walpole, Mass.
Black-Clawson Co., Hamilton, O.
Bolton John W. & Sons, Inc., Lawrence, Mass.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Carthage Machine Co., Carthage, N. Y.
Claflin Engng. Co., Lancaster, Ohio
Clark H. C. & Son Machine Co., Lee, Mass.
DAYTON BEATER & HOIST CO., Dayton, O. *See adv index at end of book*
Dayton Globe Iron Works Co., Dayton, O.
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works, (Inc.), Fulton, N. Y.
Dix Chas. B., Glens Falls, N. Y.
Dorr Co. (Causticizing Equipment), 1009 17th, Denver, Colo.
DOWNINGTOWN MFG. CO., East Downingtown, Pa.
Emerson Mfg. Co., Lawrence, Mass.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Farrel Foundry & Machine Co. (Calendars), Ansonia, Conn.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Fulton Machine & Vise Co., Lowville, N. Y.
Glens Falls Machine Works, Glens Falls, N. Y.
Hankey A. & Co. (Paper Mill Engines, Bars & Plate), Bourse, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Improved Paper Machinery Co., Nashua, N. H.
International Process Co., 5 Beekman, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jolly J. & W., Holyoke, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
Kaukauna Machine Works, Kaukauna, Wis.
Koegel Chas. & Sons (Paper Slitters, Slitter Grinders & Slitter Blades), Holyoke, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mills Machine Co., Lawrence, Mass.
Moloch Co., Kaukauna, Wis.
Moore & White Co., N 15th & Lehigh, Phila., Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Norwood Engineering Co. (Paper Finishing Machinery), Florence, Mass.
Penney J. W. & Son Co., Mechanic Falls, Me.
Perkins B. F. & Son, Holyoke, Mass.
Portland Co., Portland, Me.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pusey & Jones Co., Wilmington, Del.
Rice Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandusky Foundry & Machine Co., Sandusky, O.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Scott Olin (Est. of), (Wood Pulp), Bennington, Vt.
Shartle Bros. Machine Co., Middletown, Ohio
Simonds A. A. & Son Co. (Fly Bars, Bandless Rolls, Grinders for Beater Rolls), N. Summit & Negley pl, Dayton, O.

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Thompson Mfg. Co., Lancaster, N. H.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Union Iron Works, Bangor, Me.
Union Machine Co., Fitchburg, Mass.
Valley Iron Works Co., Appleton, Wis.
Watson Frye Co., Ltd., Bath, Me.
Witham Co., Hoosick Falls, N. Y.

8745— Papering Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Beck, Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co. (Paper Box), 26 Elizabeth. Rocheseter, N. Y.

8746—Paraffine Wax Machinery

Bethlehem Shipbuilding Corp., Ltd., Dept H, Broadhead & Parker av, Bethlehem, Pa.
Patterson Foundry & Machine Co., East Liverpool, O.

8747— Paraffining Machines

Black-Clawson Co. (Saturating for Sheets), Hamilton, O.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Waldron Jno. Co., New Brunswick, N. J.

8748—Paste Mixing Machines

Acton John, 118 John, Brooklyn, N. Y.
Day J. H. Co., Cincinnati, O.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Ross Chas. & Son., 148 Classon av, Brooklyn, N. Y.

8749— Pasteurizing Machines

Adt Jno. B. Co. (Beer), 340 N Holliday, Baltimore, Md.
Barry-Wehmiller Machinery Co. ("National"), 4660 Florissant av, St. Louis, Mo.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Loew Mfg. Co. ("New Era," "Monitor," Beer; also "In-the-Bottle"-Milk), 9100 Madison av, N W, Cleveland, O.
Magnus A. Sons Co. ("Ruff Simplex" Auto Positive), 327 W Randolph, Chicago, Ill.
Miller Pasteurizing Machine Co. ("Miller") Canton, O.
Premier Machinery Co., Oakland, Cal.
Twentieth Century Machinery Co., Nat'l Bk. bldg, Milwaukee, Wis.

8750— Pasting Machines

Black-Clawson Co. (Sheet & Roll) Hamilton, O.
Potdevin Machine Co., 253 36th, Brooklyn, N. Y.
Prior A. G. (Inc.) ("Universal"), 665 Broad, Newark, N. J.

8751-2—Pasting Machines (Paper, Cloth, Leather, Etc.)

Beck Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

Pattern Letter Plate Embossing Machines

See Presses, Type Embossing

Pattern Makers' Machinery

See Lathes, Pattern Makers'

8753—Pattern Shop Sawing Machines

Baker Bros., Toledo, O.
Hobbs Mfg. Co., Worcester, Mass.
Oliver Machinery Co. (Band Saws), Grand Rapids, Mich.
West Side Iron Works (Band Sawing Machines), Grand Rapids, Mich.

8753a—Paving Machinery (Asphalt Plant)

See also Asphalt Machy. in this section
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*

8754—Pea Canners' Machinery

Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.
Robins A. K. & Co., 116 Market pl, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8755—Pea Feeding Machines

White I. N., Mount Morris, N. Y.

Pea Harvesting Machinery

See Harvesters, Bean & Pea

8756—Pea Hulling Machinery

See Hullers, Bean & Pea
Chisholm-Scott Co., Cadiz, O.

8757—Peach Pitting Machines

Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8758—Peanut Butter Machinery

Burns Jabez & Sons, 567-11th av, New York
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8759— Peanut Machinery

American Machine & Mfg. Co., Atlanta, Ga.
Appomatox Iron Works & Supply Co., Petersburg, Va.
Ayers J. R. Petersburg, Va.
Cardwell Machine Co. (Pickers & Cleaners, Shellers & Separators), 1900 E Cary, Richmond, Va.
Howes S. Co. (For Cleaning, Grading & Separating), Silver Creek, N. Y.
Huntley Mfg. Co., ("Monitor" Cleaning, Grading, Separators, Aspirators), Silver Creek, N. Y.
Huston Tom Mfg. Co., Dept H, Columbus, Ga.
Johnson & Field Mfg. Co., Racine, Wis.
Lambert Machine Co. (Butter), Marshall, Mich.
Stratton & Bragg Co. (Picker, Cleaners, etc.), Petersburg, Va.
Straub A. W. Co., 3741 Filbert, Phila., Pa.

Peanut Roasting Machines

See Coffee, Peanut & Cocoa Bean Roasting Machines

8760—Pearl Button Machinery & Tools

Holub-Dusha Co., 1799 1st av, New York

8760a—Pearling Machinery (Barley, Pepper, Etc.)

Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*

8760b—Peat Excavating Machinery

Buckeye Traction Ditcher Co., Findlay, O.

8761—Peat Fuel Machinery

American Process Co., 68 William, New York
Buckeye Traction Ditcher Co. (Excavating for Fertilizer Filler, Peat Fuel and other Peat Products), Findlay, O.
Manitowoc Engng. Works, Manitowoc, Wis.
MITTS & MERRILL, 1939 S. Water, Saginaw, Mich.

Peeling Machines (Fruit & Vegetable)

See Parers, Fruit & Vegetable

8762— Perforating Machines

American Perforator Co. ("American" for Dating, Canceling, Numbering, Receipting, etc."), 621 W. Jackson blvd, Chicago, Ill.
Asam Bros., Phila., Pa.
Burton A. G. Son ("Universal-Peerless"), 118 S Clinton, Chicago, Ill.
Cummins Perforator Co. ("Chicago" Hand, for Check), R. R. Ticket Dating, etc), 4740 W. Ravenswood av, Chicago, Ill.
Durbrow & Hearne, 12 Wooster, New York
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Jonas Chas. S. & Bro., 541 Pearl, New York
Kahan Mach. Works, 12 N Market, Chicago, Ill.
Latham Machinery Co. ("Monitor," for Paper, etc), 1153 Fulton, Chicago, Ill.
Leabarjan Mfg. Co. (Music Roll), Hamilton, O.
Long & Allstatter Co. (Sheet Metal), Hamilton, O.
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
NIAGARA MACHINE & TOOL WORKS, (For Sheet Metal), Buffalo, N. Y. *See adv index at end of book*
Perforated Pattern Co. (Embroidery), 30 E 20th, New York
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Rosback F. P. Co. (Paper), Benton Harbor, Mich.
Tatum Sam'l C. Co. (Paper), Cincinnati, O.

8763—*Petroleum Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y *See adv index at end of book*

8764—Pharmaceutical Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y. *See adv index at end of book*
Colton Arthur C., 2600H E. Jefferson, Detroit, Mich.
PROCTOR & SCHWARTZ, INC., 7th & Tabor rd, Phila., Pa.
Stokes F. J. Machine Co. (Dryers, Stills, Kettles, Mills, Emulsifiers, Tablet, Pill & Capsule Machinery, etc), 17th & Cambria, Phila., Pa.
Superior Mach. & Engng. Co., 51 E Fort, Detroit, Mich.
WERNER PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8765—Phosphate Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Georgia Iron Works (Mining), Augusta, Ga.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kehoe Iron Works, Savannah, Ga.
Ocala Iron Works, Ocala, Fla.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Riley John F. Fndry & Mach. Co., Charleston, S. C.
Rourke Jno & Sons, 602 E Bay, Savannah, Ga.
Walker & Elliot, Wilmington, Del.

8766—Photo Engravers' Machinery

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Royle John & Sons, Paterson, N. J.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8767—Photo Mount Beveling Machines

Dietz Mach. Works, 126 Fontaine, Phila., Pa.

8768—Photograph Card Beveling Machines

Dietz Mach. Works, 126 Fontaine, Phila., Pa.

8769— Photograph Machines

Chicago Ferrotype Co. ("Wonder Cannon" & Cameras "One-Minute"), 1455 W Congress, Chicago, Ill.

8770—Photographic Copying Machines

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Commercial Camera Co. ("Photostat"), Rochester, N. Y.
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Rectigraph Co. ("Rectigraph"), Rochester, N. Y. *See adv index at end of book*

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8771—Piano Action Machinery

Howes Forest E., 263 Northampton, Boston, Mass.
Nilson A. H. Machine Co. (Semi-Automatic), Bridgeport, Conn.
Redin, Ekstrom & Co., Rockford, Ill.

8772—Pick Eye Forging Machines

Birmingham Iron Foundry, Derby, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8773—Picket Heading & Pointing Machines

Chapman's T. M. Sons Co., Old Town, Me.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Yates P. B. Machine Co., Beloit, Wis.

8774— Pickling Machines

AETNA FOUNDRY & MACHINE CO., Warren, O. *See adv index at end of book*
Anderson Foundry & Machine Works (Tin Plate), Anderson, Ind.
Howard Iron Works (Metal-Goods Washing & Pickling), Buffalo, N. Y.

PICKLING MACHINES—continued
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

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Pittsburgh, Pa., U. S. A.

8775—Picture Frame Machinery
Rockford Mitre Box Co. ("Star"), Rockford, Ill.

8776—Pie Making Machines (Automatic)
Colborne Mfg. Co., 157 W Division, Chicago, Ill.

8777—*Pieced Tinware Machinery
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8778—Pig Iron Casting Machines
Weimer Machine Works Co., Lebanon, Pa.

Pile Driving Machinery
See Pile Driving Engines, Derricks, Hammers; Pneumatic Pile Drivers; Pile Drivers, Railroad Car, etc.

8779—Pill Coating Machines
Colton Arthur Co. (Automatic), 2600H E. Jefferson, Detroit, Mich.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

8780—Pill Making Machines
See also Tablet Machines
Colton Arthur Co. (Automatic), 2600H E. Jefferson, Detroit, Mich.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

Pin Machinery
See Hook & Eye Machines

8781—Pin Pointing Machinery
Baird Machine Co. ("Automatic"), Bridgeport, Conn.
Mannville E. J. Mach. Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

8782—Pin Sticking Machines
Baird Machine Co. ("Automatic"), Bridgeport, Conn.

8783—Pineapple Machinery
Lewis E. J. (Peelers, Corers & Sizers), Middleport, N. Y.
Mitchell Jno. R. Co. (Graters, Sizes, etc), 702 S Washington, Baltimore, Md.
Premier Machinery Co., Oakland, Cal.
Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

8784-5—Pinion Cutting Machines
See also Gear Cutting Machines
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8786—Pinion & Wheel Cutting Machines
Stark Tool Co. (Cuts from 1-16 to 4 inches in Diameter), Waltham, Mass.

8787—Pinking & Scalloping Machines
Ahlstrom O. J., 711 B'way, New York
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Hannum H. A. & Co., 303 Wallace, Syracuse, N. Y.
Lindner & Vradenburgh (Pinking), 239 Centre, New York
Osborne C. S. & Co. ("C. S. O. & Co." for Harness Makers, etc), Box 183, Newark, N. J. *See adv index at end of book*
Smith & Winchester Mfg. Co., South Windham, Conn.

8788—Pipe Bending Machines
American Marine Iron Works, Portland, Oregon
American Pipe Bending Machine Co. ("Wonder"), 39 Pearl, Boston, Mass.
Cox J. Fillmore & Co., Bayonne, N. J.
Galland-Henning Mfg. Co., 97 Wisconsin, Milwaukee, Wis.
Pedrick Tool & Machine Co., 3642 N Lawrence, Phila., Pa.
Pipe Machy. Co. (Pipe Mill), 930 E 70th, Cleveland, O.
Riverside Machine Co., Chester, Pa.
Standard Engineering Co., Elwood City, Pa.
Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.
United States Shape & Pipe Bending Co., 315 Howard, San Francisco, Cal.
Wallace Supplies Mfg. Co. (Hand Power), 412 Orleans, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.
Wells Frank L. Co. ("Simmons," for Brass & Steel Pipe), Kenosha, Wis.

8789—Pipe Calking Machines
Smith A. P. Mfg. Co. ("O'Neill" Steam), East Orange, N. J.

8790—Pipe Crushing & Shearing Machines (Combined)
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.

8791—Pipe Cutter & Die Grinding Machines
See also Grinders, Die
Bignall & Keeler Mfg. Co. ("B. & K."), Edwardsville, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.

8792—Pipe Cutting & Threading Machines
See also Cutters, Pipe
Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Bignall & Keeler Machine Wks. ("Peerless," "P. D. Q. C.," "Duplex"), Edwardsville, Ill.
Borden Co., The ("Beaver," Hand), Warren, O.
Clow Jas. B. & Sons (Portable), Franklin & Harrison, Chicago, Ill.
Cox & Sons Co. (Motor, Belt, Engine, Steam or Compressed Air Driven & Constant Variable Speed), 5th & Chestnut, Phila., Pa.
Curtis & Curtis Co. ("Forbes," Hand & Power), Bridgeport, Conn.
Fox Machine Co. (Cutting Machines Only), Jackson, Mich.
Fremont Mfg. Co., Fremont, Mich.
GREENFIELD TAP & DIE CORP'N ("G. T. D." with Automatic Die Heads, Hand & Power), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. (Hand), Cleveland, O.
Jarecki Mfg. Co., Erie, Pa.
Johnston Wm. I. Co. (Lathecut), 3d & Vine, Cincinnati, O.
Landis Machine Co. ("Landis," Threading), Waynesboro, Pa.
Larick-Stough Co., Frankfort, Ind.
Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, O.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Merrell Mfg. Co. ("Apex," "Merrell"), 278 Curtis, Toledo, O.
Murchey Machine & Tool Co. (For Nipple & Pipe Threading; also Rapid Roller Pipe Cutters), 85 Porter, Detroit, Mich.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oster Mfg. Co., 2057 E 61st pl, Cleveland, Ohio
Outlet Cutter Sales Co., 162 W 34th, New York
Pipe Machy. Co. (⅛ to 12 in.), 930 E 70th, Cleveland, O.
Ryerson Joseph T. & Son 2558 W 16th, Chicago, Ill. *See adv index at end of book*
San Francisco Eng. Co., 322 6th, San Francisco, Cal.
Saunders D. Sons ("I. X. L."), Yonkers, N. Y.
Smith A. P. Mfg. Co. ("French," Pipe Cutting Machines), East Orange, N. J.
Southwark Foundry & Machine Co. (Rotary), 1128 S 4th, Phila., Pa.
Standard Engng. Co. ("Standard Wieland" "Mill Type" Threading), Elwood City, Pa.

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Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills, etc), McKees Rocks, Pa.
TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*
United Engineering & Foundry Co., Farmers Bank bldg., Pittsburgh, Pa.
Universal Machine Co. ("Wilson"), Bowling Green, O.
Walworth Mfg. Co., Boston, Mass.
Williams Tool Co. (Pipe Cutting & Threading), Erie, Pa.

8793—Pipe Expanding & Flanging Machinery
Lovekin Pipe Expanding & Flanging Mach. Co., 421 Chestnut, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

8794—Pipe Polishing Machines
Standard Engineering Co., Ellwood City, Pa.

8794a—Pipe Screwing Machines
Buckeye Traction Ditcher Co. (For Large Pipes), Findlay, O.

Pipe Threading Machines
See Pipe Cutting & Threading Machines

Pipe Threading & Cutting Machines
See Pipe Cutting & Threading Machines.

8795—Pipe & Tube Mill Machinery
Bignall & Keeler Machine Works ("Peerless," "Duplex" & "P. D. Q. C."), Edwardsville, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Garrison A. Foundry Co. (Butt & Lap Weld Tube Mill), 901 Bingham, Pittsburgh, Pa.
Kane & Roach, Syracuse, N. Y.
Morgan Construction Co., Worcester, Mass.
Rosedale Fdry. & Mach. Co., Columbus & Preble, Pittsburgh, Pa.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Standard Engng. Co., Elwood City, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engineering & Foundry Co., Farmers Bank bldg., Pittsburgh, Pa.

8796—Pipe & Tube Straightening Machines
Brightman Mfg. Co., Columbus, O.
Etna Machine Co., Toledo, O.
Logemann Bros. Co. (Hydraulic), 3130 Burleigh, Milwaukee, Wis.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8797—Piston & Piston Ring Machines (Automatic)
Potter & Johnston Machine Co., Pawtucket, R. I.

8798—Pitching Machines
Cleveland Brewers Supply Co. ("Waibel's," Pitching & Spraying), 1506 W 25th, Cleveland, O.
Eureka Machine Co., Cleveland, O.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
National Machine Works, 1559 Sheffield av, Chicago, Ill.
Pawling & Harnischfeger Co. ("Milwaukee"), Milwaukee, Wis. *See adv index at end of book*
Rauh David (Automatic Imported), 308 Elizabeth, Newark, N. J.
Schlangen Bros., 2435 Irving Park blvd, Chicago, Ill.
Torchiani H. ("Ideal" Aucbrenner), 140 N Dearborn, Chicago, Ill.
Zunner Machine Co., Rochester, N. Y.

8799—Pivot Polishing Machines
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8800—Placer Mining Machinery
United Iron Works, Oakland, Cal.

8801—Planing Machines (Angle)
HILLS & JONES CO., East Wilmington, Del. *See adv index at end of book*

8802—Planing Machines (Bench)
Bartlett E. E. ("Federal") 326 A, Boston, Mass.
Fay J. A. & Egan Co. (Hand), Cincinnati, Ohio
Wallace J. D. & Co. (Wood), 1401 W Jackson blvd, Chicago, Ill.

8803—Planing Machines (Buzz)
See also Planing Machines, Wood
American Wood Working Machinery Co., Rochester, N. Y.
Carey W. W. Co., Lowell, Mass.
Central Machine Works Co., 1234 Central av, Minneapolis, Minn.

Colladay Jos. O., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co. ("Porter" Hand Joint), 666 Front av, Grand Rapids, Mich.
Sidney Tool Machine Co., Sidney, O.
Silver Mfg. Co., No. 256, Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Union Iron Works, Bangor, Me.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8804—Planing Machines (Crank)

Newton Machine Tool Works, 33d & Vine, Phila., Pa.

8805—Planing Machines (Fluting Feed Rod)

Woodward & Powell Planer Co. (For Textile Machines), Worcester, Mass.

8806—Planing Machines for Steel Foundries

Wetherill R. & Co., Chester, Pa.

8807-8—Planing Machines (Frog & Switch)

Cincinnati Planer Co., 3120 S. Oakley, Cincinnati, O.
Cleveland Planer Works, 3150 Superior, Cleveland, O.
Liberty Machine Tool Co., Hamilton, O.
Niles-Bement-Pond Co., 111 B'way, New York
Woodward & Powell Planer Co., Worcester, Mass.

8809—Planing Machines (Hand & Foot Power)

Shepard Lathe Co., Canal & Jackson, Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

8810-11—Planing Machines (Heading)

Oram Jno. S. Co., 1316 E 53rd, Cleveland, O.
Rochester Barrel Machine Works, Rochester, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

8812—Planing Machines (Locomotive Connecting Rod)

Cincinnati Planer Co., 3120 S. Oakley, Cincinnati, O.
Woodward & Powell Planer Co., Worcester, Mass.

8813—Planing Machines (Locomotive Cylinder)

Cincinnati Planer Co., 3120 S. Oakley, Cincinnati, O.
Liberty Machine Tool Co., Hamilton, O.
Morton Mfg. Co., Muskegon, Mich.

8814—Planing Machines (Metal Working)

American Tool Works Co., Cincinnati, O.
Betts Machine Co., Maryland av & South, Wilmington, Del.
Bickett Machine & Mfg. Co., Cincinnati, O.
CINCINNATI PLANER CO., 3120 S. Oakley, Cincinnati, O.
Cincinnati Shaper Co., (Crank), Elam & Garrard, Cincinnati, O.
Cleveland Planer Works (Open Side), 3150 Superior, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Gray G. A. Co., Cincinnati, O.
Hamilton Machine Tool Co. (24 to 96 inches), Hamilton, O.
Liberty Machine Tool Co., Hamilton, O.
Manning Maxwell & Moore, Inc., Putnam Machine Works, Fitchburg, Mass.
Morton Mfg. Co. (Portable), Muskegon Heights, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Ohio Machine Tool Co. ("Ohio," 22x22 inches, up to 56x48 inches), Kenton, O.
Powell Machine Co., 243 Stafford, Worcester, Mass.
Rockford Machine Tool Co. ("Rockford" Single Geared Crank, Back Geared Crank, etc), Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
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Woodward & Powell Planer Co. ("Hy-Speed" Accelerating High Cutting Speed), Worcester, Mass.

8815—Planing Machines (Open Side)

Cleveland Planer Works ("Cleveland") 3150 Superior, Cleveland, O.
Niles-Bement-Pond Co., 111 B'way, New York
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.

8816—Planing Machines (Plate)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

8817—Planing Machines (Pony)

See also Planing Machines, Wood

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Central Machine Works Co., 1234 Central av, Minneapolis, Minn.
Connell & Dengler Machine Co., Rochester, N. Y.
Crescent Machine Co., The, 512 Oak, Leetonia, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Machine Tool Co., Sidney, O.
Union Iron Works, Bangor, Me.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Yates P. B. Machine Co., Beloit, Wis.

8818—Planing Machines (Rail)

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Vixen Tool Co., 50th & Lancaster av, Phila., Pa.

8819—Planing Machines (Rotary)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Newton Machine Tool Works (Portable & Stationary), 23rd & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Underwood H. B. Corp. (Boring Bars), 1025 Hamilton, Phila., Pa.
U. S. Mach. Tool Co. ("U. S."), Cincinnati, O.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

8820—Planing Machines (Slate)

See also Machinery, Slate

Ruggles Machine Co., Poultney, Vt.

8821—Planing Machines (Stave)

Oram John S. Co., 1316 E 53rd, Cleveland, O.
Rochester Barrel Machine Co., Rochester, N. Y.

8822—Planing Machines (Stone)

See also Machinery, Stone Working

Farrel Fdry & Machine Co., Ansonia, Conn.
Lincoln Iron Works ("Gilmour"), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. ("Ruggles" for Soft Stone), Poultney, Vt.

8823—Planing Machines (Traveling Bed)

Chase Turbine Mfg. Co. (Planers 24 in. Wide to 12-in. Thick), Orange, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8824—Planing Machines (Wood)

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, Ohio
CRESCENT MACHINE CO., THE, 215 Oak, Leetonia, O.
See adv index at end of book
Defiance Machine Works, Defiance, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Fisher & Davis Mfg. Co. ("Little Giant"), 934 N First, St. Louis, Mo.
Gerlach Peter Co. (Single, Double & Four Sided for Chair, Furniture, Box Board, Staves & Heading, etc.), 1712 Winter, Cleveland, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Holmes E. & B. Mach'y Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Kidder R. E. Co., Worcester, Mass.
Lane Mfg. Co., Montpelier, Vt.
Myers Machine Co., Sheboygan, Wis.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greensboro, N. C.
Oliver Mach'y Co. (Surface), Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pryibil P. Machine Co., 520 W 41st, New York
Ricker T. H. & Sons Co., Harrison, Me.
Salem Iron Works, Winston-Salem, N. C.
Smith H. B. Machine Co. (Surface), Smithville, N. J.
Stellman L. H. & Son (Rotary Bed), Brattleboro, Vt.
Stetson Machine Works, 3204 1st av, So. Seattle, Wash.
Stetson Ross Machine Co. ("Ready Sizer"), 3201H 1st av, Seattle, Wash.
Strong Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Union Iron Works, Bangor, Me.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Whitney Baxter D. & Son, Winchendon, Mass.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8825—Planing & Jointing Machines

Oliver Machinery Co. ("Oliver" Hand), Grand Rapids, Mich.

8826—Planing & Matching Machines

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Connell & Dengler Mach'y Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N. B'way, St. Louis, Mo.
Hermance Machine Co., Williamsport, Pa.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S 23d, Phila., Pa.
Salem Iron Works, Winston Salem, N. C.
Smith H. B. Machine Co., Smithville, N. J.
Stetson Machine Works, 3204-1st av, So. Seattle, Wash.
Stevens Machine Shop, Winooski, Vt.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8827—Plaster Mill Machinery

American Process Co., 68 William, New York
Butterworth & Lowe, Grand Rapids, Mich.
Dunning W. D. ("Broughton" Plaster & Cement Mixers), Syracuse, N. Y.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Sprout Waldron & Co. (Crushers, Grinders, etc), Muncy, Pa.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.

Plaster of Paris Machinery

See Plaster Mill Machinery; also Stucco Machinery

8828—Plate Glass Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Fischer Foundry Co., 1616 Roland, Pittsburgh, Pa.
HOOVEN OWENS RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
National Roll & Foundry Co. (Polishing, Grinding, Casting Tables, Runner Bars, etc), Avonmore, Pa.
Rosedale Foundry & Mach. Co., Columbus & Preble, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8829—Plate Scarfing Machines

Hilles & Jones Co., E. Wilmington, Del. *See adv index at end of book*
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8830—Plate Straightening Machinery

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kane & Roach, Syracuse, N. Y.
Newbold R. S. & Son Co., Norristown, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Philadelphia Roll & Mach. Co., 25th & Washington av, Philadelphia, Pa.
Rock River Machine Co., Janesville, Wis.
WATSON-STILLMAN. CO., 38 Church, New York *See adv index at end of book*
Wickes Bros., 512 N Tilden, Saginaw, Mich.

8831— Plating Machines

Connecticut Dynamo & Motor Co. ("Rotoplater"), Irvington, N. J.
Munning A. P. & Co. ("Nonesuch"), Matawan, N. J.
Norwood Engineering Co., Florenj, Mass.

8832—Playing Card Machinery

Dietz Machine Works, 126 Fontaine, Phila., Pa.

8833—Plow Handle Machinery

Defiance Machine Works, Defiance, O.
Root B. M. Co., York, Pa.

8833a—Plug Cutting Machines

Woods S. A. Machine Co., 27 Damrell, Boston, Mass.

8834—Pneumatic Boring Machines

Helwig Mfg. Co. ("Helwig" for Metal or Wood), St. Paul, Minn.

8835—Pneumatic Painting Machines

Eclipse Air Brush Co., 79H Orange, Newark, N. J.
International Engineering Co. ("Paint Gun"), 42 Exchange, Malden, Mass.
Lederer P. J. Co., 66 Forest av, Buffalo, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Paaschke Air Brush Co., 1249 W. Washington blvd, Chicago, Ill.
Spray Engineering Co., 60 High, Boston, Mass.
Wright David A., 568 W. Washington, Chicago, Ill.

8836—Pole Handling Machines

Clyde Iron Works Sales Co. (Self-Propelling, for Handling Poles & Heavy Timbers), Duluth, Minn. *See adv index at end of book*

8837— Pole Sawing Machines

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.

8838— Polishing Machines

See also Lathes, Buffing & Polishing; also Wood Polishing Machines
ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn. *See adv index at end of book*
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Baird Machine Co., Bridgeport, Conn.
Beal Joseph & Co., 465 Atlantic av, Boston, Mass.
Blount J. G. Co. (Straight & Overhanging), Everett, Mass.
Born J. C. & Bro. ("Crescent"), Belleville, Ill.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Brown & Sharpe Mfg. Co. (and Finish), Providence, R. I.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
CUTTER & WOOD SUPPLY CO., 274 Friend, Boston, Mass. *See adv index at end of book*
Diamond Machine Co. ("Diamond"), Providence, R. I.
Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S. Clinton, Chicago, Ill.
Excelsior Tool & Machine Co. (Automatic), 32nd & Ridge, East St. Louis, Ill.
Florence Machine Co., Florence, Mass.
Fox Machine Co., Jackson, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Goodell-Pratt Co. (Foot Power), Greenfield, Mass.
Kent Vacuum Cleaner Co. ("Utility"), Rome, N. Y.
Luther Mfg. Co., Olean, N. Y.
McWilliams Thos., 237 Eddy, Providence, R. I.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
No Dust Drying Machine Co. ("No Dust"), 157 Durance, Providence, R. I.
Production Machinery Co. ("Production"), Greenfield, Mass.
Robinson Automatic Machine Co. (Automatic), Russell & Milwaukee, Detroit, Mich.
Robinson Wm. V. Co., Owasso, Mich.
St. Louis Machine Tool Co., 922H Loughborough, St. Louis, Mo.
Smith, Richardson Co. ("Imperial"), Attleboro, Mass.
Stow Flexible Shaft Co. (Portable, Wood & Metal), 26th & Callowhill, Philadelphia, Pa.
Warren Products Co., 265 B'way, New York *See adv index at end of book*
Webster & Perks Tool Co., Springfield, Ohio
Weisbecker Francis A. & Sons (For Copper, Steel & Zinc Plates), 26 Frost, Brooklyn, N. Y.

Polishing Machines (Marble)

See Stone Polishing Machines

8839— Pop-Corn Machines

Cretors C. & Co., 620 W 22d, Chicago, Ill.
Dunbar & Co., 2652 W Lake, Chicago, Ill.
Holcomb & Hoke Mfg. Co. ("Butter-Kist"), Indianapolis, Ind.
Knot E. R. Machine Co., 32 Dorchester, Boston, Mass.
Long W. Z. Co. (For Fritters Only), Springfield, O.

8840— Porcelain Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Crossley Machine Co., State & Chestnut av, Trenton, N. J.

8841—Porch Column Boring Machines

Warren Products Co., 265 B'way, New York *See adv index at end of book*

8842—Portable Rip & Swing Cross-Cut Saw Machines.

Ransome Concrete Machinery Co., Dunellen, N. J.

8843— Post Boring Machines

Cordesman-Rechtin Co., Cincinnati, O.
Fox Machine Co., Butler, Jackson, Mich.
Grand Rapids Hdwe Co., Grand Rapids, Mich.
National Woodworking Machine Co., Dover, N. H.
Smith H. B. Machine Co., Smithville, N.J.

8844—Postage Stamp Affixing Machines

Mailometer Co., 1093 Jefferson av, Detroit, Mich.
Multipost Co., Rochester, N. Y.
National Machine Co., Brattleboro, Vt.
New Era Mfg. Co. ("New Era" Stamp Affixer), 450 4th av, New York
Standard Stamp Affixer Co., Sommerville, Mass.

Potato Digging Machine

See Diggers, Potato, with the word Machine following their name.

Potato Peeling Machines

See Parers, Fruit & Vegetable

8845— Pottery Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Automatic Tile Machine Co., Cincinnati, O.
Bucher-Smith Co., East Liverpool, Ohio
Crossby Machine Co. (Complete Line), State & Chestnut av, Trenton, N. J.
Griffith & Wedge Co., Zanesville, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
International Clay Machy. Co., Dayton, O.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Logan Edw. Machine Co., Trenton, N. J.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Mueller Machine Co., Trenton, N. J.
Patterson Foundry & Machine Co., East Liverpool, O.
Taplin-Rice-Clerkin Co., Akron, O.

8846—Powder Mill Machinery

See also Gun Powder Machinery
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Eyster, Weiser & Co., York, Pa.
Hydraulic Press Mfg. Co. (Hydraulic Presses), Mt. Gilead, O.

8846a—Power Transmitting Machinery

See also Power Transmitting Machy., Rope
For Gears, Pulleys, Shafting, Hangers, Bearings, etc., See Index of Contents
Allis-Chalmers Mfg. Co. (Mechanical), Milwaukee, Wis.
American Rotary Pump Co. (Rotary Power Engineers, Dock Patents), 67 Hampden, Boston, Mass.
American Tool & Machine Co., 10 High, Boston, Mass.
Anglo Am. Mill Co., Owensboro, Ky.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Baker Machinery Co. (Electric), Des Moines, Iowa
Barnard & Leas Mfg. Co., Moline, Ill.
Barry Co., Muscatine, Iowa
Batavia Engineering Works, Batavia, Ill.
Birmingham Iron Fdry., Derby, Conn.
BOND CHAS. CO., 617 Arch, Phila., Pa.
Bond Fdry & Mach. Co., Manheim, Pa.
Brightman Machine Co., Quincy & C. & P. Ry., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., Louisville, Ky.
Carey W. W. Co., Lowell, Mass.
Chicago Pulley & Shafting Co., 49 S Clinton, Chicago, Ill.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Cleveland Mill Supply Co., 1110 Walnut, Cleveland, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Cotton States Belting & Supply Co., Atlanta, Ga.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Delano E. A. Co., 1401 W North, Chicago, Ill.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
DODGE SALES & ENGINEERING CO. (Everything for the Mechanical transmission of power), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Fargo Foundry Co., Fargo, N. D.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fawcus Machine Co. (Standard & Special Gear Drives), 2818-2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*
Filer & Stowell Co., Milwaukee, Wis.
FOOTE BROS. GEAR & MACHINE CO. (Speed Reducing), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Golden's Fdry. & Mach. Co., Columbus, Ga.
Gowanda Agricultural Works, Gowanda, N. Y.
Grace, C. M. & Co., Huntsville, Ala.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
HILL CLUTCH CO., W 65th, Cleveland, O.
Hillard Clutch & Machy. Co. (Clutches), Elmira, N. Y.
Hoppen J. E. & Sons (Adjustable Shafting Hangers), 78 Main, Belleville, N. J. *See adv index at end of book*
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
Klotz Machine Co., Sandusky, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Marseilles Works of Deere & Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb St. Louis, Mo.

MEESE & GOTTFRIED CO., 660 Mission, San Francisco, Cal.
MESTA MACHINE CO., Box 1124 Pittsburgh, Pa. *See adv index at end of book*
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Morse Chain Co., Ithaca, N. Y.
Munson Mill Machinery Co., Utica, N. Y.
National Foundry Mfg. & Supply Co., Williamsport, Pa.
Naylor Bros., Peekskill, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Phila. Drying Machinery Co., 3351H Stokley, Phila., Pa.
Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 24 S Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pratt Engineering & Machine Co., Atlanta, Ga.
Premier Machinery Co., Oakland, Cal.
Pyott Co., 1401 W North av, Chicago, Ill.
Rhode Island Supply & Sprinkler Co. (Jobbers), 156 W Exchange, Providence, R. I.
Robinson Mfg. Co., Muncy, Pa.
Rockwood Mfg. Co., 1801 English av, Indianapolis, Ind.
Royersford Foundry & Machine Co., Royersford, Pa.
Salem Foundry & Machine Works, Salem, Ohio
Schultz A. L. & Son, 1675 Elston av, Chicago, Ill.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Smidth F. L. & Co., 50 Church, New York
Smith Philip Mfg. Co., Sidney, O.
Smith S. Morgan Co., York, Pa.
See adv index at end of book
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co., 1734 Power, Cincinnati, Ohio
Standard Supply & Equipment Co., N W cor Cherry & 13th, Philadelphia, Pa.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Trump Mfg. Co., Springfield, O.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Vonnegut Machy. Co., Indianapolis, Ind.
Walker Mfg. Co., Denver, Colo.
Washington Machinery Depot, Tacoma, Wash.
Waterbury Tool Co. ("Waterbury" Hydraulic Speed Gear, Variable), Waterbury, Conn.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Westlund C. G. Co. ("Westlund"), 498 Millbury, Worcester, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Yocom Jos. & Son, 145 N 2d, Phila., Pa.

Power Transmitting Machinery (Belt Driven Lenix)

See Lenix

Power Transmitting Machinery (Chain)

See Chains, Power Transmission

8847—Power Transmitting Machinery (Electric)

See also Generators, Various Kinds; also Motors, Various Kinds

Columbia Machine Works & Malleable Iron Co. (Car), Atlantic av & Chestnut, Brooklyn, N. Y.
Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Fulton Engine Wks., 1000 Alhambra, Los Angeles Cal.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8848—Power Transmitting Machinery (Rope)

See also Power Transmitting Machinery

Barry Co., Muscatine, Iowa
Brown A. & F. Co., 79 Barclay, New York
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
Cresson-Morris Co., Allegheny & 13th, Phila., Pa.
HILL CLUTCH CO., W 65th, Cleveland, O.
Hunter James Machine Co., North Adams, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Nordyke & Marmon Co. Kentucky av & Morris, Indianapolis, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Tamaqua Mfg. Co., Tamaqua, Pa.
Union Engineering Co., Cuyaboga & W 4th, Cleveland, O.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wood's T. B. Sons Co., Chambersburg, Pa.

8849-50—Printers' Roller Making Machinery

Rowe James, 1058 W Harrison, Chicago, Ill.

8851—Printing Presses & Machinery

American Autopress Co., 261 W 36th, New York
American High Speed Press Co., 521 W. 23rd, New York
Anderson C. F. & Co., 710 S Clark, Chicago, Ill.
Autopress Co., 95 Madison av, New York
Babcock Printing Press Mfg. Co., New London, Conn.
Central Machine Co. **(For Special Work),** Niagara Falls, N. Y.
Challenge Machinery Co. ("Stonemetz," "Lee" & "Diamond" Cylinder Presses, Job Presses, etc), Grand Haven, Mich.
Chandler & Price Co., 6000 Carnegie av, Cleveland, O.
Cline Electric Mfg. Co. (Elect. Motors), Fisher bldg, Chicago, Ill.
Cottrell C. B. & Sons Co., Westerly, R. I.
Damon Geo. & Sons, 44 Beekman, New York
Dorman J. F. W. Co. ("Baltimorean" for Amateurs, 526 N Calvert, Baltimore, Md.
Duplex Printing Press Co. (Newspaper Presses), Battle Creek, Mich.
Eardley Wm. F. & Bro., 138 Centre, New York
Feuerstein S. B. & Co., 542 W Jackson blvd, Chicago, Ill.
Fuller E. C. Co., 28 Reade, New York
Golding Mfg. Co., Franklin, Mass.
Goss Printing Press Co., 1535 S Paulina, Chicago, Ill.
Harris Automatic Press Co., E 71st, Cleveland, O.
Hart R. A., Battle Creek, Mich.
Hoe R. & Co., 504 Grand, New York
Humana Co. (Platen Press Feeders), 56 Summer av, Newark, N. J.
Johnson C. I. Mfg. Co., St. Paul, Minn.
Kelsey Press Co., Meriden, Conn.
Kelton's M. M. Son, 76 S 8th, Brooklyn, N. Y.
Kidder Press Co., Dover, N. H.
Krauth & Benninghofen, Hamilton, O.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lisenby Mfg. Co. ("Mahlstedt" Multicolor), Fresno, Cal.
Miehle Printing Press & Mfg. Co. ("The Miehle"), 14th & Robey, Chicago, Ill.
Meisel Press Mfg. Co. (& Specialties), 942 Dorchester av, Boston, Mass.
Miller Saw-Trimmer Co. (Platen Press Feeders), Point bldg, Pittsburgh, Pa.
National Automatic Press Co., Lehighton, Pa.
National Machine Co. ("Hartford," "National" Presses), Hartford, Conn.
National Printing Machinery Co., Athol, Mass.
Newton James (Imp.), 116 Nassau, New York
Peerless Printing Press Co., Palmyra, N. Y.
Pollard-Alling Mfg. Co., 312 E 23d, New York
Premier & Potter Printing Press Mfg. Co., Shelton, Conn.
Printing Machinery Co. ("Sterling"), 3d & Lock, Cincinnati, Ohio
Rand, McNally & Co., 538 S Clark, Chicago, Ill.
Ray Bros. ("Webb" Presses Only), Ashland, Mass.
Regina Co. ("New Era"), 47 W 34th, New York
Scott Walter & Co., Plainfield, N. J.
Thomson J. Press Co., Nott av, Long Island City, N. Y.
United Printing Machinery Co., 100 Summer, Boston, Mass.
Wanner Machinery Co., 716 S. Dearborn, Chicago, Ill.
Wisconsin Foundry & Machine Co. ("Monona" Leverless Press), Madison, Wis.
Wood Newspaper Machinery Corp (Autoplate Machine for making Stereotype Plates, also Wet Newspaper Printing Presses), Plainfield, N. J.
Wrigley Thos. Co. (Print Press for Railroad Tickets), 504 Sherman, Chicago, Ill.
Ziegler Robt. & Sons, St. Louis, Mo.

8852—Printing & Punching Machines

Ohl Geo. A. & Co. (One Operation for Printing Punching Holes in Leather, Fibre, etc), 159 Oraton, Newark, N. J.

8853— Profiling Machines

Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.
Garvin Machine Co., 147 Varick, New York
Newton Machine Tool Workers, 23rd & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Wade-American Tool Co. (Bench), 311 Atlantic av, Boston, Mass.

8853a— Projectile Machinery

See also Cold Saw Cutting-Off Machines; Drop Hammers; Lathes, Drilling Machines; Presses; Grinders, etc
Amalgamated Machinery Corp'n (Turning **& Boring Machines), 72 W Adams, Chicago, Ill.**
American Tool Works Co., Cincinnati, O.
Automatic Machine Co. (Shell Cutting-Off Machines), Bridgeport, Conn.
Boye & Emmes Machine Tool Co., Cincinnati, O.
Cleveland Automatic Machine Co., 2269 E 65th, Cleveland, O.
Curtis & Curtis Co. (Cutting-Off Machines), Bridgeport, Conn.
Espen-Lucas Machine Wks. (High Explosive Shell Machines, Shrapnel & High **Explosive Shell Trimming Machines), 21 Girard av, Philadelphia, Pa.**
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Gorton Geo. Machine Co. (Routing Machines for Cutting Powder Grooves), Racine, Wis.
Hydraulic Press Co. (Nosing & Banding Presses), Mt. Gilead, O.
Jones & Lamson, Springfield, Vt.
New Britain Machine Co. ("New Britain," Chucking Machines), 190 Chestnut, New Britain, Conn.
Newton Machine Tool Works (Cold Saws & Vertical Millers, 23d & Vine, Phila., Pa.
Potter & Johnston Machine Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Spray Engineering Co. (Shell Coating Machines), 60 High, Boston, Mass.
Thurlow Steel Works (Shell Undercutting **& Waving Machines), Chester, Pa.**
Wood R. D. & Co. (Presses), 400 Chestnut, Phila., Pa.

8854—Prospecting Machinery

Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Loomis Machine Co., Tiffin, O.
Sanderson-Cyclone Drill Co. ("Cyclone" Mineral), Orrville, Ohio
Thomson John Press Co., Nott av, Long Island City, N. Y.

8855—Pulley Balancing Machinery

Defiance Machine Works, Defiance, O.
Premier Machinery Co., Oakland, Cal.

8856—Pulley Boring & Turning Machines

See also Lathes, Pulley Turning

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

8857—Pulley Drilling & Tapping Machines

Avey Drilling Machine Co., Covington, Ky.
Delano E. A. Co., 1401 W North, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

Pulley Molding Machines

See Molding Machines, Foundry

8858—Pulley Mortising Machines

Austin & Eddy ("Enterprise"), 117 Broad, Boston, Mass.
Millbury Machine Co. ("Enterprise"), Millbury, Mass.
Sloan Frank B. & Co. ("Norris"), 209 E Fayette, Baltimore, Md.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

8859—Pulp Drying Machines

Proctor & Schwartz, Inc., 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

8860—Pulp Lining Machines

Beloit Iron Works, Beloit, Wis.

8861—Pulp Making Machinery (Canners)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y. *See adv index at end of book*
Kern Wm. S., Wilkesbarre, Pa.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8862—Pulp Washing Machines

Baker Mfg. Corp. ("Worm"), Saratoga Springs, N. Y.
Clark H. C. & Son Machine Co., Lee, Mass.
Magnus A. Sons Co. ("Klein," "Simplex," Brewers, etc.), 327 W Randolph, Chicago, Ill.

Pulp Wood Barking Machines

See Wood Barking Machines

8863—Pulp Wood Chipping Machines

Holyoke Machine Co., Holyoke, Mass.
MITTS & MERRILL, 1939 S. Water, Saginaw, Mich.
Waterville Iron Works, Waterville, Me.

8864—Pulp Wood Crushing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Waterville Iron Works, Waterville, Me.

8865—Pulp Wood Rechipping Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
MITTS & MERRILL, 1939 S. Water, Saginaw, Mich.
Waterville Iron Works, Waterville, Me.

8866—Pulp Wood Splitting Machines

Grace C. M. & Co., Huntsville, Ala.
Waterville Iron Works, Waterville, Me.

8867— Pulverizing Machinery

See also Mills, Grinding

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Acton Jno. (Borgardus Centrifugal Steel Roller Mills), 118 John, Brooklyn, N. Y.
Aero Pulverizer Co., 120 B'way, New York
Allis-Chalmer Mfg. Co., Milwaukee, Wis.
Alsing J. R. Engng. Co., 75 Guernsey, Brooklyn, N. Y.
American Pulverizer Co., 1729H Austin, St. Louis, Mo.
Bonnot Co., Canton, O.
Braddock Manufacturing Co., Braddock, Pa.
Bradley Pulverizer Co. ("Griffin Mill," "Bradley Three-Roll Mill," "Bradley Hercules Mill"), Allentown, Pa.
Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.
Braun Corporation, 363 New High, Los Angeles, Cal.
Buckeye Traction Ditching Co. The (Land Pulverizing), Findlay, O.
Campbell P. F. (For Fertilizer & Whiting Works, etc), 51 Laurel, Phila., Pa.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Crossley Machine Co. (For Clay Only), State & Chestnut av, Trenton, N. J.
Eastern Machinery Co., New Haven, Conn.
Excel Mfg. Co., Pottersville, N. J.
Fuller Lehigh Co. ("Fuller-Lehigh" Pulverizer), Fullerton, Pa.
See adv index at end of book
Gruendler Patent Crusher & Pulverizer Co., 912 Main, St. Louis, Mo.
Holmes & Blanchard Co. (Fertilizing), 31 State, Boston, Mass.
Iler Foundry & Mfg. Co. ("Iler"), 6605 St. Clair, Cleveland, Ohio
JEFFREY MFG. CO. (For the Reduction of All Kinds of Materials), 961 N Fourth, Columbus, O.
See adv index at end of book
K. B. Pulverizer Co., Inc., 92 Lafayette, New York
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Knoxville Foundry & Machine Co. (For Lime), Knoxville, Tenn.
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Mashek Engineering Co. (Coal, Asphalt, Pitch), 90 West, New York
Manitowoc Engineering Co., Manitowoc, Wis.
Midland Crusher-Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.
Mine & Smelter Supply Co. ("Marcy"), 42H B'way, New York
MITTS & MERRILL, 1939 S. Water, Saginaw, Mich.
Murray Co., Dallas, Tex.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Patterson Foundry & Mach. Co., E. Liverpool, O.
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.
Raymond Bros. Impact Pulverizer Co. (Clay), 1346 North Branch, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. (Fertilizing), cor 4th av & 1st, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Standard Equipment Co. (For Cinders, Soft Rock, Coal, Ore, etc), 184 Church, New Haven, Conn.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
STURTEVANT MILL CO. ("Ring-Roll Mill," "Rock-Emery Mill"), Clayton & Park, Dorchester. Boston, Mass.
Thornburgh Mfg. Co., Bowling Green, O.
Thropp's John E. Sons Co. (Tube Mills), ft of Lewis, Trenton, N. J.
United Iron Works, Inc. ("Emerick"), Kansas City, Mo.
Walker & Elliott, Wilmington, Del.
Williams Patent Crusher & Pulverizing Co., 813 Montgomery, St. Louis, Mo.

Pump Stock Boring Machines

See Wood Pipe Boring Machines

8868— Pumping Machinery

See also Engines, Pumping, Various Kinds; also Pumps, Various Kinds

Aldrich Pump Co., Allentown, Pa.
Adkins, Young & Allen Co. (Steam & Power), 561 Washington blvd, Chicago, Ill.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Aumen Machinery Co., 109 E Lombard, Baltimore, Md.
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
De Laval Steam Turbine Co., East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Keystone Iron Works, 37th & Santa Fe av, Los Angeles, Cal.
Knowles Steam Pump Wks., 115 B'way, New York
United Iron Works Co., Kansas City, Mo.
WORTHINGTON PUMP & MACHINERY CORP. (Horizontal & Vertical Compound & Triple Expansion High Duty Cranes & Flywheel Pumping), 115 B'way, New York
See adv index at end of book

8869—Pumping Machines (Electric)

See also Pumps, Electric

Aldrich Pump Co., Allentown, Pa.
DEMING CO., Salem, O.
See adv index at end of book
Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8870—Pumping Machines (Gasoline)

Aldrich Pump Co., Allentown, Pa.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Van Nouhuys Machine Wks., Albany, N. Y.

Pumping Machines (Horse Power)

See Pumping Outfits, Horse Power

8870a—Pumping Machines (Sugar House)

Aldrich Pump Co., Allentown, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

8871—Pumpkin Peeling & Seeding Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8871a—Pumps & Pumping Machinery (All Kinds)

Aldrich Pump Co., Allentown, Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
San Diego Machine Co., San Diego, Cal.

8872—Punching, Beveling & Trimming Machines

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co. (For Boiler Plates, etc, with Hand & Automatic Spacing Table), Hamilton, O.
Schatz Mfg. Co. (Hand & Power), Poughkeepsie, N. Y.

8873—Punching Machines (Boiler-Makers')

Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
California Tool Works, 181 Beale, San Francisco, Cal.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
Covington Machine Co., Covington, Va.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
Henderer's A. L. Sons, Wilmington, Del.

FULLER-LEHIGH COMPANY, FULLERTON, PA., U. S. A.

Manufacturers of

FULLER-LEHIGH PULVERIZER MILL: For grinding all kinds of refractory materials.
PULVERIZED COAL EQUIPMENT: Pulverizer Mills, Roll Crushers, Dryers, Feeders, Burners and Accessories.
FULLER-KINYON SYSTEM: For conveying pulverized materials.
CRUSHING MACHINERY: Gyratory Crushers, Roll Crushers, Ball Mills, and repair parts of such machinery.
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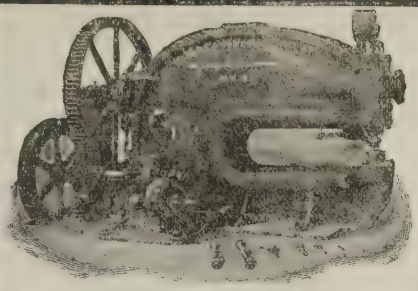
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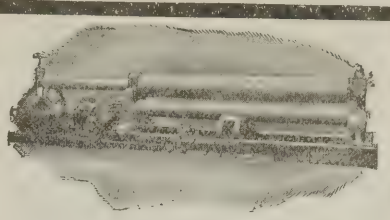


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Chambersburg Engng. Co., Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Henderer's A. L. Sons, Wilmington, Del.
Morgan Engineering Co., Alliance, O.
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Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
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Punching Machines (Hydraulic, Manhole)

See Punching & Shearing Machines, Manhole

8879—Punching Machines (I-Beam)

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Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Long & Allstatter Co. (& Coping), Hamilton, O.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
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Whiting Geo. Co. (Beam Coping), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.

8880—Punching Machines (Multiple)

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Bertsch Co., Cambridge, Ind.
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Excelsior Tool & Mach. Co., 32nd & Ridge, East St. Louis, Ill.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
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Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Long & Allstatter Co. (Also Heavy, for Splice Bars, etc), Hamilton, O.
Loy & Nowroth Co., 25 Runyon, Newark, N. J.
McSherry Mfg. Co., Pittsburgh, Pa.
Mackintosh-Hemphill Co. (Heavy), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
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Whiting Geo. Co., 1719 Elston av, Chicago, Ill
Wickes Bros., 512 N Tilden, Saginaw, Mich.
Williams, White & Co. (& Gate Shear), Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

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Ironton Punch & Shear Co., Ironton, O.
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Southwark Foundry & Machine Co., 1121 S. 4th, Phila., Pa.

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Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1121 S. 4th, Phila., Pa.

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Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Schatz Mfg. Co., Poughkeepsie, N. Y.

8887—Punching & Shearing Machinery

See also Punching Machines, Various Kinds; also Shears, Various Kinds
Alliance Machine Co., Alliance, O.
Badger State Mach. Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.

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Kidder J. F. Mfg. Co., Burlington, Vt.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
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Long & Allstatter Co. (Single & Double End, Deep Throat, etc), Hamilton, O.
Luther Mfg. Co., Olean, N. Y.
McSherry Mfg. Co., Pittsburgh, Pa.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Mitts & Merrill, Saginaw, Mich.
Morgan Engineering Co. (Elec. Hydraulic, Steam & Power), Alliance, O.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
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Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Rock River Machine Co. (Belt or Motor Driven), Janesville, Wis.
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Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
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Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
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Toledo Machine & Tool Co., Toledo, O.
Union Mfg. Co. (Hand Operated Only), 300 Church, New Britain, Conn.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
WATSON-STILLMAN CO. (Hydraulic, etc), 38 Church, New York *See adv index at end of book*
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., 512 Tilden, Saginaw, Mich.
Williams, White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.

8888—Punching & Shearing Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Clark Foundry Co., Rumford, Me.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, P.
Hendley & Whitlemore Co. ("Beloit" Single and Double End), Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 14th, Phila., Pa.
Vaughn & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Wickes Bros., 512 Tilden, Saginaw, Mich.

8889—Punching & Shearing Machines (Double End)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hilles & Jones Co., E Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Morgan Engineering Co. (Belt Driven), Alliance, O.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S. 4th, Phila., Pa.
Toledo Machine & Tool Co., Toledo, O.
Wickes Bros., 512 Tilden, Saginaw, Mich.
Williams, White & Co., Moline, Ill.

8890—Punching & Shearing Machines (Manhole)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
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Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

8891—Punching & Shearing Machines (Plate Work)

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Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
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Ironton Punch & Shear Co., Ironton, O.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

8892—Punching & Shearing & Bar Cutter Machines (Combined)

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Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Massillon Foundry & Machine Co., Massillon, O.
Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

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Bilton Machine Tool Co. (The) ("Bilton") (Automatic), Bridgeport, Conn.
Gould & Eberhardt, 97 N. J. RR. av, Newark, N. J.
LeBlond R. K. Mach. Tool Co., Cincinnati, O.
Walcott Lathe Co. (36x8, 60x10 & 96x10 in), Jackson, Mich.

8896— Radiator Machinery

Bryant O. & Sons, 1407 West av, Buffalo, N. Y.

8897—Rag Cutting Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Mach. Co., Lee, Mass.
Daniels Machine Co., S. Royalton, Vt.
Holyoke Machine Co., Holyoke, Mass.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Norwood Engineering Co., Florence, Mass.
Perkins B. F. & Son ("Coburn-Taylor"), Holyoke, Mass.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works (For Rag, Rope & Jute), Hudson Falls, N. Y.
Taylor, Stiles & Co., Riegelsville, N. J.

8898—Rag Thrashing Machines

Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Norwood Engineering Co., Florence, Mass.

8899—Rail Bending & Straightening Machines

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Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hydraulic Press Mfg. Co. ((Hydraulic), Mt. Gilead, O.
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
Kane & Roach, Syracuse, N. Y.
Niles-Bement-Pond Co., 111 B'way, New York
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
United Engineering & Foundry Co. (Vertical for Rolling Mills), Farmers Bank bldg., Pittsburgh, Pa.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

8900—Rail Cutting Machines

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

8901—Rail Ending Machines

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8902—Rail Sawing Machines

See also Cold-Saw Cutting-Off Machines; also Hot Sawing Machines

Aldon Co. ("Aldon" Portable Rail Saws), 3338 W Ravenswood av, Chicago, Ill.
Espen-Lucas Mach. Wks., Girard av, Phila., Pa.
Fox Bros. & Co., 126 Lafayette, New York
Highley Machine Co., Croton Falls, N. Y.
Industrial Works, Bay City, Mich.
National Surface Guard Co., 343 S Dearborn, Chicago, Ill.
Newton Machine Tool Works, 23rd & Vine, Phila., Pa.
Q. & C. Co. ("Q. & C."), Portable Hand Power), 90 West, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Track Necessities Co. ("Schmidt" Hand Hack Saws), 343 S Dearborn, Chicago, Ill.

8903—Railroad Cross Tie Machines

Greenlee Bros. & Co. (Automatic), Rockford, Ill.
Salem Iron Works, Salem, N. C.
Standard Cross Tie Machine Co., New Orleans, La.

8904—Railroad Track Laying Machines

Roberts Bros., 17 N La Salle, Chicago, Ill.

8905— Raisin Machinery

Fresno Agricultural Wks., Fresno, Cal.

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Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

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Pottstown Machine Co., Pottstown, Pa.

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American Machine Products Co., 18th & Howard, Detroit, Mich.
Busch J. C. Co. ("Milwaukee" Drill & Reamer), 140 Ferry, Milwaukee, Wis.
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Stow Mfg. Co., Inc., Binghamton, N. Y. *See adv index at end of book*

8909—Reaming Machines (Pipe Socket)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8909a— Rebuilt Machinery

Ross Power Equip. Co. (Broker), Merchants' Bank bldg, Indianapolis, Ind.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Wayne Machinery Co., Ft. Wayne, Ind.

8910—Reclamation Machinery

Haslehurst W. W., 2122 Folsom, San Francisco, Cal.
Krogh Pump & Machy. Co., 147 Beale, San Francisco, Cal.

Reducing Machines

See Swaging Machines

Refrigerating Machinery

See Ice & Refrigerating Machines

Registering Machines
See Counting Machines

8911— Relasting Machines
Gallagher Mfg. Co., Lynn, Mass.

8912— Rendering Machinery
Brecht Co., 1201 Cass av, St. Louis, Mo.
Dayton Beater & Hoist Co., Dayton, O.
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Hydraulic Press Mfg. Co. (Lard, Oleo, etc.), Mt. Gilead, O.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
WASTE SAVING MACHINE CO., Real Estate Trust bldg, Philadelphia, Pa.

8913— Re-Seating Machines
See also Valve Re-Seating Machines

Rice Cleaning Machinery
See Coffee & Rice Cleaning Machinery

8914— Rice Mill Machinery
Bahmann Iron Works Co., Cincinnati, O.
Barnhard & Leas Mfg. Co. (Separators, Graders, Clippers, etc), Moline, Ill.
Blymer Iron Works Co., Cincinnati, O.
Howes S. Co. "Eureka" Graders, Cleaners, Separators, Clippers & Polishers), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Graders, Cleaners, Separators, Clippers, Polishers), Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Sprout, Waldron & Co., Muncy, Pa.

8915—Rice & Coffee Hulling Machinery
Barnard & Leas Mfg. Co. (Rice), Moline, Ill.
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Dines Wm. L., Jr. Co. ("Willmarc" Coffee), Worcester, Mass.
Engelberg Huller Co., Syracuse, N. Y.
Mason Marcus & Co., Inc., 201 Devonshire, Boston, Mass.
Nordyke & Marion Co., Kentucky av & Morris, Indianapolis, Ind.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

8915a—Rifle Barrel Drilling & Reaming Machines
New England Westinghouse Co., Springfield, Mass.

8916—Rift Flooring Machines
Filer & Stowell Co. ("Cunningham," "Stowell"), Milwaukee, Wis.

8917—Rim Bending Machines
Defiance Machine Works, Defiance, O.

Rim Machines
See Hub, Spoke & Rim Machinery

8918—Ring Forming Machines (Automatic)
AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.
See adv index at end of book
Metal Package Corp. of N. Y. ("Rudolphi & Krummel"), 509 5th av, New York
See adv index at end of book

8919—Ring & Loop Machinery
Reed Mfg. Co., Springfield, O.
Special Machinery Co. (Automatic), Bridgeport, Conn.

8920— Rip Saw Machines
American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Barnes W. F. & Jno. Co., Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works (Hand & Power Feed), Defiance, O.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Self Feed), 1845 Carroll av, Chicago, Ill.
Garland M. Co., Bay City, Mich.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Greenlee Bros. & Co. (Self Feed), Rockford, Ill.
Hall & Brown Woodworking Machine Co. (Iron Frame), 1929-33 N B'way, St. Louis, Mo.
Hermance Machine Co. (Adjustable Roll Self-Feed), Williamsport, Pa.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Jones Superior Machine Co. ("Superior" self-Feed, etc), 1264 W North av, Chicago, Ill.
Marston J. M. & Co. (Foot Power), 226 Ruggles, Boston, Mass.
Mershon W. B. & Co., Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Ober Mfg. Co. (Self-Feed), Chagrin Falls, Ohio
Oliver Machinery Co. ("Oliver" Rip & Cut-Off Saws), Grand Rapids, Mich.
Power L. & Co. (Self Feed), 20 S. 23rd, Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Machine Tool Co., Sidney, O.
SINKER-DAVIS CO. ("Hoosier" Self-Feed), Indianapolis, Ind.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
West Side Iron Works, Grand Rapids, Mich.
Woods Engineering Co. ("Hick," Self-Feed & Automatic Return), Alliance, O.
Yates P. B. Machine Co., Beloit, Wis.

8920a—Rivet Cutting Machines
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Rivet Cutting Gun Co., 116 E Third, Cincinnati, O.

8921—Rivet Heading Machines
Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co. (Automatic & Hand Feed), 3330 Lakeside av, Cleveland, O.
Cook Asa S. Co. (Single Blow Only), Hartford, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
National Machinery Co., Tiffin, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8922— Rivet Machinery
Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co. (Automatic & Hand Feed), 3330 Lakeside av, Cleveland, O.
Atlas Machine Co., Waterbury, Conn.
Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Draher Jno., Waterbury, Conn.
Manville E. J. Mach. Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8923—Rivet Spinning Machines
Grant Mfg. & Machine Co. ("Grant"), Bridgeport, Conn.
Stecher Chas. Co. ("High Speed"), 1580 Crossing, Chicago, Ill.
Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.

8924—Rivet & Hook Applying Machines
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

8925—Rivet & Staple Setting Machines
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co. (Automatic Driving & Setting), Waltham, Mass.

8926— Riveting Machines
See also Pneumatic Riveters
ALLEN JOHN F. CO., 370 Gerard av, New York
Bilton Machine Tool Co. (The) ("Bilton"), Bridgeport, Conn.
Blomquist-Eck Machine Co., 1146 E 152d, Cleveland, Ohio
Buffalo Forge Co. (Power), 490 Broadway, Buffalo, N. Y.
Coates Clipper Mfg. Co. (Portable, Electric Driven), Worcester, Mass.
Grant Mfg. & Mach. Co. ("Grant" Vibrator), Bridgeport, Conn.
High Speed Hammer Co., Inc., 313 Norton, Rochester, N. Y.
HILLES & JONES CO. (Stake), E. Wilmington, Del.
See adv index at end of book
Kane & Roach, Syracuse, N. Y.
Long & Allstatter Co., Hamilton, O.
Morgan Engineering Co., Alliance, O.
NIAGARA MACHINE & TOOL WORKS (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Perkins Mach. Co. (Power), Warren, Mass.
Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.
Schramm Chris. D. & Son, Inc., 709 Arch, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SHUSTER F. B. CO. (Elastic Rotary Blow, etc), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Southwark Foundry & Machine Co. (Hydraulic & Pneumatic), 1128 S. 4th, Phila., Pa.
Star Heel Plate Co. ("Clincher"), Wilson av, Newark, N. J.
Stimpson Edwin B. Co., 852 Kent av., Brooklyn, N. Y.
Townsend H. P. Mfg. Co. (Multi-Blow High Speed), Hartford, Conn.
Whiting Geo. Co. (Belt Power), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams, White & Co., Moline, Ill

8927-8—Riveting Machines (Electric)
Eveland Electric Riveter Co., W End Tr. bldg, Phila., Pa.
New England Machinery Co., New Haven, Conn.
Thomson Electric Welding Co. ("Thompson"), Lynn, Mass.

8929—Riveting Machines (Hand)
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York.
See adv index at end of book
Fate-Root-Heath Co. ("Ideal," "Plymouth Rock"), Plymouth, O.
Smith F. H. Mfg. Co. ("Best Yet," "Improved Sight Feed," "Pony," "Rex," "Simplex," Hand & Foot Power for Tubular or Bifurcated Harness & Shoe Riveting, etc), 3047 Carroll av Chicago, Ill.
Williams A. C. Co. ("Tom-Thumb," "Acme," "Handy," "Uncle Sam," "Little Giant"), Ravenna, O.

8930—Riveting Machines (Hoop)
Strait H. N. Mfg. Co., Kansas City, Kans.

8931—Riveting Machines (Hydraulic)
Alliance Machine Co., Alliance, O.
Chambersburg Engng. Co., Chambersburg, Pa.
Morgan Engineering Co. (Solid Stake Loose Head; also Two-Piece Stake, etc.), Alliance, O.
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S. 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood W. H., Media, Pa.

8932-3—Riveting Machines (Hydraulic Lifting)
Wood R. D. & Co., 400 Chestnut, Phila, Pa.

Riveting Machines (Pneumatic)
See Pneumatic Riveters

8934—Riveting Machines (Portable)
See also Pneumatic Riveters
Southwark Foundry & Machine Co. (Hydraulic & Pneumatic), 1128 S. 4th, Phila., Pa.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.

8935—Riveting Machines (Rotary Blow)
Bilton Machine Tool Co. (The) ("Bilton"), Bridgeport, Conn.
High Speed Hammer Co., Inc. (Elastic), 313 Norton, Rochester, N. Y.
SHUSTER F. B. CO. (Elastic), Cedar Hills, New Haven, Conn.
See adv index at end of book

8936—Riveting Machines (Spoke)
Williams, White & Co., Moline, Ill.

8937—Riveting Machines (Stake)
Hilles & Jones Co., E Wilmington, Del.
See adv index at end of book
Rock River Machine Co. ("Badger"), Janesville, Wis.
Wickes Bros., Saginaw, Mich.

8938-9—Riveting Machines (Steam)
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 111 B'way, New York

Road Making Machinery
See Asphalt Machinery: Concrete Mixers; Ditching Machines; Plows, Contractors'; Road Machines & Graders; Road Scrapers, Drag & Wheel; Rock & Ore Crushers; Rollers, Steam Road
For all other Road Making Specialties, see Index of Contents

8940—Rock Drill Sharpening Machines
See also Drill Sharpening Machines
INGERSOLL-RAND CO. ("Leyner"), 11 B'way, New York
See adv index at end of book

8941—Rocker Cut-Off Sawing Machines
Connell & Dengler Mach. Co., Rochester, N. Y.

8942—Rod Heading Machines

Manville E. J. Machine Co., Waterbury, Conn.
National Machy. Co., Tiffin, O.

8942a—*Rod Mill Machinery

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

8943—Rod or Bar Drawing Machines

Brightman Mfg. Co., Columbus, O.
Morgan Construction Co., Worcester, Mass.

8944—Rod, Pin & Dowel Machines

American Wood Working Machinery Co., Rochester, N. Y.
Baker Bros., Toledo, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Dauber Bell Machine Co., Oshkosh, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Goodspeed Machine Co., Winchendon, Mass.
Howker W. S. Mfg. Co., 458 E Bacon, Dayton, O.
Jenkins Machine Co. (Dowel Boring Machines), Sheboygan, Wis.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie, 514 S Canal, Chicago, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Valley City Machine Works, Grand Rapids, Mich.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.

8945—Rod & Tube Drawing Machines

Richard Mfg. Co., Bloomsburg, Pa.

8946—Rod & Tube Pointing Machines

Morgan Construction Co., Worcester. Mass.
TORRINGTON CO., THE, EXCELSIOR PLANT (Successor to Excelsior Needle Co.) ("Dayton"), Torrington, Conn.
See adv index at end of book

8947—Roll Covering Machines

Turner J. S. Mfg. Co., Lowell, Mass.

8948—Roll Grooving Machines

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Morgan Construction Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.

8949—Roll Straightening & Finishing Machines

Brightman Mfg. Co., Columbus, O.

8950—Roll Threading Machines

National Machinery Co. (Vertical), Tiffin, Ohio

8951—Rolling Mill Machinery

See also Tin Plate Mill Machinery, etc.

AETNA FOUNDRY & MACHINE CO., Warren, O. *See adv index at end of book*
Alliance Machine Co., Alliance, O.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bruce-Macbeth Engine Co., Cleveland, O.
Cleveland Machine & Mfg. Co., 4944 Hamilton av, Cleveland, O.
Danville Iron & Steel Co., Danville, Pa.
Elyria Machine Co., Elyria, Ohio
Farrel Foundry & Machine Co. (For Brass, Copper, Zinc, Brittania, etc), Ansonia, Conn.
Fawcus Machine Co. (Gears & Special Machinery), 2818-2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*
Ferracute Machine Co. (For Coining Strips), Bridgeton, N. J.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Garrison A. Foundry Co. (Seamless Tube), 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lewis Foundry & Machine Co., Farmer's Bank bldg, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co. (For Sheet & Tin Plate Mills), Avonmore, Pa.

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Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Poole Engineering & Machine Co., Woodberry sta., Baltimore, Md.
Reading Iron Co. (The), Reading, Pa.
Reeves Bros. Co., Alliance, O.
See adv index at end of book
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Seaman-Sleeth Co. (Sand & Chilled Rolls Only), 41 & Willow, Pittsburgh, Pa.
Southwark Foundry & Machine Co. (Iron & Steel), 1128 S. 4th, Phila., Pa.
Standard Engineering Co., Ellwood City Pa.
Standard Engineering Co., Ellwood City,
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

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United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Weimer Machine Works Co., Lebanon, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Woodard Machine Co., Wooster, O.
Youngstown Engineering Co., Youngstown, O.
Youngstown Foundry & Machine Co., Youngstown, O.

8952— Roofing Machines

Burritt O. W. & Bro., Weedsport, N. Y.
Dellenbarger C. E., 1949 Fulton, Chicago, Ill.
Guyton & Cumfer Mfg. Co., 4451 Fillmore, Chicago. Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8953—Roofing Paper Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Haberkamp Wm. Machine Works (Two or Three Ply), 442 Wells, Chicago, Ill.
Moore & White Co., N 15th & Lehigh av., Phila., Pa.

8954—Roofing Tile Cutting Machines

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*

8955—Roofing Tile Machinery

Fate-Root-Heath Co., Plymouth, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio *See adv index at end of book*
International Clay Machy. Co., Dayton, O.

8956—Rope Molding Machines

Valley City Mach. Works, Grand Rapids, Mich.

8957—Rosette & Corner Block Machines

Pringle & Brodie, 514 S Canal, Chicago, Ill.
Valley City Mach. Works, Grand Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

8958—Rotary Printing & Rewinding Machines

Kidder Press Co., Dover, N. H.

8959—Round Cornering Machines

Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
Seybold Machine Co. ("Seybold"), Dayton, O.
Southworth Machine Co. ("Sterling" for Round Cornering Booklets, Catalogs, etc., also Attachments for Loose Leaf Punching), Portland, Me.

8960— Routing Machines

Automatic Engraving & Mfg. Co., Inc., 2033 5th av, New York
Becker Milling Machine Co. (Die Sinkers), Hyde Park, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Kelley Electric Machine Co. ("Kelley" Electric), Buffalo, N. Y.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Royle Jno. & Sons (Die Sinkers), Paterson, N. J.
Smith H. B. Machine Co., Smithville, N. J.
Valley City Mach. Works, Grand Rapids, Mich.

8961—Rubber Band Cutting Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

8962—Rubber Belt Making Machinery

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

8963—Rubber Belt Slitting Machines

Farrel Foundry & Machine Co., Ansonia, Conn.

8964—Rubber Belt Stretching Machines

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

8965—Rubber Calendering Machines

ADAMSON MACHINE CO., Akron, O.
See adv index at end of book
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Lobdell Car Wheel Co., Wilmington, Del.
Thropp Wm. R. & Sons Co., Trenton, N. J.
United Roll & Foundry Co., Ravenna, O.
VAUGHN MACHINERY CO. ("Vaughn"), Cuyahoga Falls, Ohio.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

8966—Rubber Cement Mixing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
American Tool & Machine Co., 10 High, Boston, Mass.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Quin Roy D, Willoughby, Ohio

8966a—Rubber Covered Wire Panning Machines

Am. Insulating Machinery Co., Huntingdon & Fairhill, Phila., Pa.

8967—Rubber Doubling Machines

American Tool & Machine Co. (For Automobile Cloths, Waterproofing), 10 High, Boston, Mass.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
United Roll & Foundry Co., Ravenna, O.

8968—Rubber Grinding & Mixing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Lobdell Car Wheel Co., Wilmington, Del.

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Thropp's John E. Sons Co., ft of Lewis, Trenton, N. J.
Vaughn Machinery Co. ("Vaughn"), Cuyahoga Falls, O.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

8969—Rubber Hose Braiding Machines

New England Butt Co., 304 Pearl, Providence, R. I.
Textile Machine Works, Reading, Pa.

8970—Rubber Hose Making Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Baker Wm. H., Trenton, N. J.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
New England Butt Co., 304 Pearl, Providence, R. I.
Royle Jno. & Sons, Paterson, N. J.

8971—Rubber Hose Wiring Machines

Baker Wm. H., Trenton, N. J.

8972—Rubber Mill Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
ADAMSON MACHINE CO. ("Adamson"), Akron, O. *See adv index at end of book*
American Tool & Machine Co. (Churns, Cement Mixers & Spreaders Doublers), 10 High, Boston, Mass.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Elyria Machine Co., Elyria, O.
Farrel Foundry & Machine Co., Ansonia, Conn.
Franklin Machine Co. (Ball Bearing Shoe Cars, Shoe Pins, Shoe Stands & Shoe Sticks), 1 Park, Providence, R. I.
See adv index at end of book
Hintz Mfg. Co., 1008 S Kilbourn, Chicago, Ill.
Lobdell Car Wheel Co., Wilmington, Del.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Philadelphia Roll & Mach. Co., 25th & Washington av., Phila., Pa.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Thropp Wm. R. & Sons Co., Trenton, N. J.
Thropp's John E. Sons Co. (Complete Line of Rubber Mill Machy.), ft of Lewis, Trenton, N. J.
UNITED MACHINE & MFG. CO. (Special), Canton, O.
United Roll & Foundry Co., Ravenna, O.
VAUGHN MACHINERY CO. ("Vaughn" Equipment), Cuyahoga Falls, O.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

8973—Rubber Mixing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Day J. H. Co., Cincinnati, O.
Palmer Equipment Corp., 2741 Clybourn, Chicago, Ill.

8974—Rubber Reclaiming Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Allen Machine Co., Erie, Pa.
American Process Co., 68 William, New York
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
MITTS & MERRILL (Chipping), 1939 S. Water, Saginaw, Mich.
Palmer Equipt Corpn, Railway Exchange Bldg, Chicago, Ill.
Royle Jno. & Sons, Paterson, N. J.

8975—Rubber Refining Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp Wm. R. & Sons Co., Trenton, N. J.

8976—Rubber Shoddy Washing Machines

Baker Wm. H., Trenton, N. J.

8977—Rubber Slitting Machines

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y.

8978—Rubber Solution Machines

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

8979—Rubber Spreading Machines

American Tool & Machine Co., 10 High, Boston, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.

8980—Rubber Straining Machines

Allen Machine Co., Erie, Pa.
Housatonic Mach. & Tool Co., Bridgeport, Conn.

8981—Rubber Strip Cutting Machines

New England Butt Co., 304 Pearl Providence, R. I.

VULCANIZERS

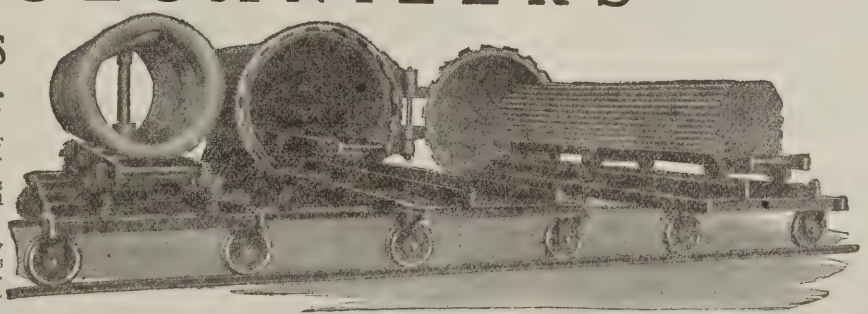
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8982—Rubber Tire Applying Machinery

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United Roll & Foundry Co., Ravenna, O.

8983—Rubber Tire Machines

Akron Equipment Co., Akron, Ohio
Clark Edred W. (Tubing, Tire & Electric, etc), Hartford, Conn.
Elyria Machine Co., Elyria, O.
Royle Jno. & Sons, Paterson, N. J.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Thropp's John E. Sons Co., ft of Lewis, Trenton, N. J.

8984—Rubber Tube Making Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Allen Machine Co., Erie, Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Royle Jno. & Sons, Paterson, N. J.

8985—Rubber Tubing Machines

Allen Machine Co., Erie, Pa.
Housatonic Mach. & Tool Co., Bridgeport, Conn.
Royle John & Sons, Paterson, N. J.
United Roll & Foundry Co., Ravenna, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

8986—Rubber Varnishing Machines

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

8987—Rubber Vulcanizing Machines

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S. 4th, Phila., Pa.
WILLIAMS FOUNDRY & MACHINE CO. ("Akron-Williams"), Akron, Ohio
See adv index at end of book

8988—Rubber Warming Machines

Palmer Equip't Corpn, 2741 Clybourn, Chicago, Ill.
Thropp Wm. R. & Sons Co., Trenton, N. J.

8989—Rubber Washing Machines

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp Wm. R. & Sons Co., Trenton, N. J.
Thropp's John E. Sons Co., ft of Lewis, Trenton, N. J.
VAUGHN MACHINERY CO. ("Vaughn"), Tub Washers, Roll Washers & Crockers, Cuyahoga Falls, O.
See adv index at end of book

8990—Rubbing Machines (Pneumatic)

Anderson Bros. Mfg. Co., Rockford, Ill.
Paaschke Air Brush Co., 1249 W. Washington blvd, Chicago, Ill.
Rockford Tool Co., Rockford, Ill.

8991—Rubbing, Polishing & Sanding Machines

Curry J. W. Co. (Axle Sanding), 2615 Cummins, Cincinnati, O.
Curtis Machine Corp., Jamestown, N. Y.
Electric Rotary Machine Co. ("Electric Rotary Machine"), 32 S. Clinton, Chicago, Ill.
Maddox Machine Co., Jamestown, N. Y.
Mattison C. Machine Works (Electric for Furniture Mfrs), Rockford, Ill.

8992-3-4—Ruching Ruffling Machines

Diamond Pointed Tool Co. (Diamonds), 141H Fulton, New York
Lindner & Vradenburgh, 239 Centre, New York

8995— Ruling Machines

Blackhall Mfg. Co. 196 Seneca, Buffalo, N. Y.
Fuller E. C. Co. (Automatic Feeders), 28 Reade, New York.
Hickox W. O. Mfg. Co., Harrisburg, Pa.
Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.
McAdams John & Sons, 978 Kent av, Brooklyn, N. Y.
Royle Jno. & Sons (Engravers), Paterson, N. J.

8996—Saddle Seat Machines

Defiance Machine Works (Bars or Trees), Defiance, Ohio
Gardner Machine Works, Gardner, Mass.

8997— Safety Pin Machinery

Baird Machine Co. ("Automatic"), Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.

8998—Salt Making Machinery

Willcox Engineering Co. (Automatic Rakers for Grainers), 1525 Holland av, Saginaw, Mich.

8999— Salt Well Machinery

Manistee Iron Works Co., Manisteer, Mich.
Willcox Engineering Co. (For Salt Works), 1525 Holland av, Saginaw, Mich.

9000— Sand Blast Machines

Am. Fdry. Equipment Co., 366 Madison av, New York
Astle H. J. & Co. ("Boland," Automatic Self-Feeding), 118 Orange, Providence, R. I.
Betton J. M. (Injector Sand Blast Apparatus), 59 Pearl, New York
Bradsto Appliances, Inc. ("Stowe" Portable), 65 Main, Buffalo, N. Y.
Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Hoevel Mfg. Corp. ("Hoevel"), 166 Ogden av, Jersey City, N. J.
See adv index at end of book
Illinois Mfg. & Supply Co., Quincy, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leiman Bros. (For Brass Workers, Jewelers, etc.), 81 Walker, New York.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

We build Hose Type Machines, Tumbling Barrels, Tables, Cabinets and a full line of this type machinery.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Mott Sand Blast Mfg. Co., 24 S Clinton, Chicago, Ill., & 2-8 Frost, Brooklyn, N. Y.
New Haven Sand Blast Co. ("New Haven," also equipment), New Haven, Conn.
Nichols D. M. Iron Works ("Danic"), 2 Gouverneur sl, New York
Pangborn Corp. (Rotary Table), Hagerstown, Md.
Paxson J. W. Co. ("Paxson-Warren"), 1021 N Delaware av, Phila., Pa.
Reichheim, E. P. & Co., Inc., 24 John, New York
Sippel Theo. A. (For Brass Workers, Nickel Platers, etc), 205 McWhorter, Newark, N. J.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Standard Equipment Co. ("Standard," also Equipment), 185 Church, New Haven, Conn.
Tilghman-Brooksbank Sand Blast Co. ("Tilghman," "Matthewson"), 1126 S 11th, Phila., Pa.

9001—Sand-Lime Brick Machinery

See also Brick Press Machines, etc

Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Jackson & Church Co., Saginaw, Mich.
Wilmington Iron Works (Fertilzer Mixers, Pulverizers, Shaking Screens, Car Hauls, Automatic Dump Cars, etc. & Special Machinery), Wilmington, N. C.
See adv index at end of book

9002—Sand Mixing Machines

American Foundry Equipment Co. (Foundry Sand), 52 Vanderbilt av, New York.
Barbour Stockwell Co. ("Boston"), Cambridge, Mass.
Blystone Mfg. Co., Cambridge Springs, Pa.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Erie Machine Shops, Erie, Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Frost Mfg. Co., Galesburg, Ill.
Hanna Engineering Works ("Hanna" Foundry), 1764 Elston av, Chicago, Ill.
Hadfield-Penfield Steel Co. (The), (Grinding & Mixing), Bucyrus, O.
See adv index at end of book
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
NATIONAL ENGINEERING CO. ("Simpson"), 549 W Washington blvd, Chicago, Ill.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Sand Mixing Machine Co., 52 Vanderbilt av, New York
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Smith T. L. Co., 1151 32d, Milwaukee, Wis.
See adv index at end of book
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Vulcan Engineering Sales Co. ("Milwaukee" Foundry), 1764 Elston av, Chicago, Ill.
Wadsworth Core Machinery & Equipment Co., 10 W Buchtel, Akron, O.

Sand Molding Machines

See Molding Machines, Foundry

9003—Sand Paper Making Machinery

Waldron Jno. Co., New Brunswick, N. J.

9004—Sand Papering Machines

American Wood Working Machinery Co., Rochester, N. Y.
Beach Mfg. Co., Montrose, Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Driver C. H. & Kerr Co., Racine, Wis.
Elec. Rotary Mach. Co. ("Electric Rotary Machine"), 32 S Clinton, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Gardner Machine Works ("Gardner" Horizontal Drum), Gardner, Mass.
Heath W. A. Machine Co. ("Empire" Double Drum), Lestershire, N. Y.
Jenkins Machine Co. (For Sanding the ends of Chair Seats, etc), Sheboygan, Wis.
Lucas Machine Co., Jamestown, N. Y.
Maddox Machine Co. (Belt), Jamestown, N. Y.
Mattison C. Machine Works, Rockford, Ill.
Nash J. M. ("Nash" Automatic Sanders & Polishers), 842 30th, Milwaukee, Wis.
National Woodworking Machine Co., Dover, N. H.
Redin, Ekstrom & Co. (Also Belt & Roller Sanders), Rockford, Ill.
Rockford Tool Co. (Belt), Rockford, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Yates P. B. Machine Co., Beloit, Wis.

Sand Sifting Machine

See Sifters, Sand

9005-6—Sander & Boring Machines

Smith H. B. Machine Co. (Sander), Smithville, N. J.

9007—Sanding & Polishing Machinery

Bicknell Mfg. & Supply Co. ("Bicknell's" Belt), Janesville, Wis.
Defiance Machine Works, Defiance, O.
Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
Heath W. A. Machine Co. ("Empire" Double Drum Sander), Lestershire, N. Y.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Jones Superior Mach. Co. (Drum), 1264 W. North av, Chicago, Ill.
Nash J. M., 842 30th, Milwaukee, Wis.
Ober Mfg. Co., Chagrin Falls, O.
Schimmel, Reid & Co. ("Simplex" Belt), Faribault, Minn.
Valley City Machine Works ("Champion" Bench Sander for Spindle Carvings), Grand Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

9008—*Sanitary Can-Making Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y.
For branch offices see adv index at end of book
McDonald Mach. Co., 7600 S. Racine av, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.

9009—Sanitary Earthenware Machinery

Ivens Wm. H. Sons Co., P. O. Box, 647 Trenton, N. J.

9010— Sash Chain Machines

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

9011—Sash, Door & Blind Machinery

American Woodworking Mach'y Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp., Oshkosh, Wis.
Power L. & Co., 20 S 23d, Phila., Pa.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Yates P. B. Machine Co., Beloit, Wis.

9012-3—Sash Grooving Machines

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

9014—Saturating Machinery for Paper Mills

Haberkamp Wm. Machine Works, 442 Wells, Chicago, Ill.

9015—Sausage Making Machines

See also Stuffers, Sausage

Allbright-Well Co. (Cross Cutting Machines), 5315 Western av, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Oppenheimer S. & Co., 2700 S Wabash av, Chicago, Ill.
Smith's Jno. E. Sons Co. ("Buffalo Silent"), Buffalo, N. Y.

9016—Saw Filing & Setting Machines

See also File Room Machinery; also Band Saw Filing & Setting Machines
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Ambler Saw Mfg. Co., Natick, Mass.
American Saw Mill Machinery Co., Hackettstown, N. J.
Baldwin, Tuthill & Bolton, ("Bolton" Filer), Grand Rapids, Mich.
Covel Mfg. Co. (Power Setting), Benton Harbor, Mich.
Grimes & Harris (For Band Saws), Leominster, Mass.
Hanchett Swage Works (For Hand Saws), Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
New Britain Machine Co. ("New Britain") 190 Chestnut, New Britain, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Sidney Machine Tool Co. ("Famous"), Sidney, O.
Sterns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Zeiller & Nagel ("Bauer" Circular Saw Setting), 233 Java, Brooklyn, N. Y.

9017—Saw Fitting Machinery

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Machy. Co. of America, Big Rapids, Mich.
Oliver Machinery Co., Grand Rapids, Mich.
White A. E. Machine Works Eau Claire, Wis.

9018—Saw Making Machinery

Hess Machine Works (Saw Setting & Cutting Machines), 4951 Lancaster, Phila., Pa.

9019-20—Saw Mill Machinery

See also Saw Mills, Various Kinds; also Shingle Mill Machinery; also Lath Mills & Bolters; also Lath & Picket Mills
Abbott Machine Co., Olean, N. Y. *See adv index at end of book*
Adams W. T. Machine Co., Corinth, Miss.
Albany Iron Works, Albany, Ore.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
Appomattox Iron Works & Supply Co., Petersburg, Va.
Ashland Iron Works, Ashland, Ore.
Atwood & Jones Mfg. Co., Stillwater, Minn.
Barnard Mfg. Co., Spokane, Wash.
Bartlett A. F. & Co., Saginaw, Mich.
Bartley Wm. & Sons, Bartley, N. J.
Birdsall Engine Co., Newark, N. Y.
Bolinder Co. ("Bolinder"), 30 Church, New York.
Challoner Co., Oshkosh, Wis.
Chapmans T. M. Sons Co., Old Town, Me.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Bros. Co., Olean, N. Y.
Clyde Equipment Co., Dept H 17th & Thurman, Portland, Ore.
Coleman Feed Roller Co., Vredenburgh, Ala.
Columbia Engineering Works (Jobbers), 222 Pine, Portland, Ore.
Columbus Iron Works, Columbus, Ga.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Enterprise Co., Columbiana, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Fisher & Davis Mfg. Co., 934 N 1st, St. Louis, Mo.
Frick Co., Waynesboro, Pa.
Gainesville Iron Works, Gainesville, Ga.
Garland M. Co., Bay City, Mich.
Georgia Iron Works, Augusta, Ga.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Griffith & Wedge Co., Zanesville, O.
Harron, Rickard & McCone (Jobbers), 139 Townsend, San Francisco, Cal.
Heilman Machine Works, Evansville, Ind.
Henderson W. K., Iron Works & Supply Co., Shreveport, La.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hesse-Martin Iron Wks., 468 E Taylor, Portland, Ore.
Hill-Curtis Co., Kalamazoo, Mich.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Machine & Foundry Co., Norwich, N. Y.
Kehoe Iron Works, Savannah, Ga.
Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, O.
Lake Shore Engine Works, Marquette, Mich.
Lane Mfg. Co., Montpelier, Vt.
Lenker Frank K & Co., Millersburg, Pa.
Lexington Engine & Boiler Works, Lexington, Ky.
Liddell Co., Charlotte, N. C.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Lombard Iron Works & Supply Co., Augusta, Ga.
Lufkin Foundry & Machine Co. (Heavy), Lufkin, Tex.
Lyon Iron Works, Greene, N. Y.
McDonough Mfg. Co., Eau Claire, Wis.
Manistee Iron Works Co., Manistee, Mich.
Mecklenburg Iron Works, Charlotte, N. C.
Memphis Machine Works, Memphis, Tenn.
Mitts & Merrill, Saginaw, Mich.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Murray Iron Works Co., Burlington, Ia.
National Iron Co., Duluth, Minn.
Ocala Iron Works, Ocala, Fla.
Peglar Machinery Co., Chattanooga, Tenn.
Phoenix Iron Works, E 2nd & Hawthorne, Portland, Ore.
Phoenix Mfg. Co., Eau Claire, Wis.
Portable Band Sawmill, Inc., 239 E 86th, New York
Port Huron Engine & Thresher Co., Port Huron, Mich.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Prescott Co., Menominee, Mich.
Ricker T. H. & Sons Co., Harrison, Me.
Riley John F. Fndry. & Mach. Co., Charleston, S. C.
Rourke Jno. & Sons, 602 E Bay, Savannah, Ga.
Russell & Co., Massillon, O.
Salem Iron Works, Winston Salem, N. C.
SINKER-DAVIS CO., Indianapolis, Ind.
Soule Steam Feed Works, Meridian, Miss.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
STANDARD SAW MILL MACHINERY CO., Export Dept, 43 Cedar, New York
Stearns Co., Erie, Pa.
Stellman L. H. & Son, Brattleboro, Vt.
Sumner Iron Works, Everett, Wash.
Taylor Iron Works & Supply Co., Macon Ga.
Thomasville Iron Works, Inc., Thomasville, Ga.
Trevor Mfg. Co. (Short Log), Lockport, N. Y.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Washington Machy Depot, Tacoma, Wash.
Wheland Co., Chattanooga, Tenn
Wilkin-Challoner Co., Oshkosh, Wis.
Woodruff Machinery Mfg. Co., Winder, Ga.
Woods S. A. Machinery Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.

Saw Setting Machines

See Saw Filing & Setting Machines; also Band Saw Filing & Setting Machines; also File Room Machinery

9021—Saw Sharpening Machines

See also Sharpeners, Saw; also Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Black Diamond Saw & Mach. Works, Natick, Mass.
Cochrane-Bly Co. (Metal Saws), Rochester, N. Y.
Covel Mfg. Co. (For Automatic Band Gang, Circular & Metal Saws, etc), Benton Harbor, Mich.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Disston Henry & Sons ("Borthwick" or Emery Wheel Gummer), Tacony, Phila., Pa.
Espen-Lucas Machine Works (Power, Automatic), 21 Girard av, Phila., Pa.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Higley Machine Co., Croton Falls, N. Y.
Hooker O. V. & Son (Automatic), St. Johnsbury, Vt.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Newton Machine Tool Works (For Solid & Inserted Tooth Blades), 23rd & Vine, Phila., Pa.
Oliver Machinery Co. (Automatic), Grand Rapids, Mich.
Rogers Sam'l C. & Co. ("Buffalo" Band & Circulars), 10 Lock, Buffalo, N. Y.
Wardwell Mfg. Co., 110 Hamilton av N E, Cleveland, O.
Yates P. B. Machine Co., Beloit, Wis.

9022—Saw Stretching Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

9023-4—Saw & Chuck Machines

Nash J. M. ("Nash" Automatic), 842 30th, Milwaukee, Wis.

9025-6— Scarfing Machines

Hills & Jones Co. (Ship Yard Work), E Wilmington, Del. *See adv index at end of book*
Mitts & Merrill (Band Saws), Saginaw, Mich.
United Engineering & Foundry Co. (Movable Motor Driven for Pipe & Tube Mills), Farmers' Bank bldg, Pittsburgh, Pa.

9027— Scow Machinery

Superior Iron Works Co., Superior, Wis.

Scrap Reclaiming Machines

See Rolls, Scrap Reclaiming

9028—Scrap Wire Bundling Machines

VAUGHN MACHINERY CO., Cayahoga, Falls, O. *See adv index at end of book*

9029— Screening Machinery

Batavia Engineering Works, Batavia, Ill.
Chain Belt Co., Milwaukee, Wis.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Grain & Seed Extractors), Silver Creek, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
National Engineering Co., 549 W Washington blvd, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

9030—Screw Bank Heading Machines

Manville E. J. Machine Co., Waterbury, Conn.

9031—Screw Cap Rolling Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" Automatic), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Metal Package Corp. of N. Y. ("Rudolphi & Krummel"), 509 5th av, New York *See adv index at end of book*

9032—Screw Cutting Machines

Automatic Machine Co., Bridgeport, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D." with Automatic Die Heads for Bolts, Nuts & Pipe), Greenfield, Mass. *See adv index at end of book*
Ideal Foundry & Machinery Corp. ("Ideal"), Beaver Falls, Pa.
Landis Machine Co., Waynesboro, Pa.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Potter & Johnston Machine Co., Pawtucket, R. I.
Rivett, Lathe & Grinder Co., 2 Brooks Brighton, Boston, Mass.
Schood Paul, 179 Pearl, New York.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Townsend H. P. Mfg. Co., Hartford, Conn.

9033—Screw Driving Machines

Reynolds Machine Co. ("Reynolds" Automatic Power), Massillon, O.

9034—Screw Heading Machines

Cook Asa S. Co. (Single Blow Only), Hartford, Conn.
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.

9035— Screw Machines

See also Lathes, Turret

Acme Machine Tool Co., Cincinnati, O.
Advance Tool Works, 2304 Warren av, Chicago, Ill.
Brown & Sharpe Mfg. Co. (Plain, Wire Feed Automatic, etc), Providence, R. I.
Chapman Machine Corp. ("Chapan" Automatic), Terryville, Conn. *See adv index at end of book*
Dreses Machine Tool Co., Cincinnati, O.
Foster Machine Co., Elkhart, Ind.
Himoff Machine Co., 50 Church, New York
International Machine & Screw Co., Springfield, Mass.
Jones & Lamson Machine Co., Springfield, Vt.
Leisy-Patton Co. (Turret), 7033 St. Clair av, Cleveland, O.
Meriden Mach. Tool Co. (Hand), Meriden, Conn.
Millholland Mach. Co., W. 23rd & Belt RR, Indianapolis, Ind.
National Acme Co., 7500 Stanton av., S. E., Cleveland, O.
New Britain Machine Co. ("New Britain" Six Spindle Automatic), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Smurr & Kamen Machine Co. (Plain Head), 328 N Albany, Chicago, Ill.

SCREW MACHINES—continued

Southworth Mach. Co. ("Southworth" Turret), Portland, Me.
Stecher Chas. Co. (Hand), 2301 Knox av, Chicago, Ill.
Strong, Carlisle & Hammond Co., 326-344 Frankfort av, N W, Cleveland, O.
Thompson & Bremer, 850 S. Canal, Chicago, Ill.
Wachs E. H. Co. (Hand), 1525 Dayton, Chicago, Ill.
Warner & Swasey Co. (Turret), 5809 Carnegie av, Cleveland, O.
Wood Turret Machine Co. (Tilted Turret), Brazil, Ind.
Wright David A., 568 W Washington, Chicago, Ill.

9036—Screw Machines (Automatic)

Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Automatic Machine Co., 400 N Oakley Bl., Chicago, Ill.
CINCINNATI AUTOMATIC MACHINE CO., 3120 South Oakley, Cincinnati, O.
Cleveland Automatic Machine Co., 2269 E. 65th, Cleveland, O.
Davenport Machine Tool Co., ("Davenport Multiple Spindle"), New Bedford, Mass.
Hartford Machine Screw Co., (Turning & Threading), Hartford, Conn.
National Acme Co. ("Gridley"), 7500 Stanton av, S. E., Cleveland, O.
New Britain Machine Co., ("New Britain" Six Spindle), 190 Chestnut, New Britain, Conn.
Peerless Automatic Machine Co., (Multiple Spindle), 1962 W 77th, Cleveland, O.
Pratt & Whitney Co. (With Magazine Attachment, etc.), Hartford, Conn.

9037—Screw Machines (Gimlet Pointing)

Manville E. J. Machine Co., Waterbury, Conn.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Townsend H. P. Mfg. Co., Hartford, Conn.

9038—Screw Machines (Hand)

Bardons & Oliver, Cleveland, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Dresses Machine Tool Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Garvin Machine Co. (Double Turret), 147 Varick, New York
Greenfield Tap & Die Corpn. ("Wells"), Greenfield, Mass.
See adv index at end of book
Makutchan Roller Bearing Co., 35 W. Lake, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W. Lake, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Southworth Mach. Co. ("Southworth" Turret), Portland, Me.
Stecher Chas. Co., 1574 Crossing, Chicago, Ill.
Turner Machine Co., Danbury, Conn.
Warner & Swasey Co., 5809 Carnegie av, Cleveland, O.

9039-40—Screw Machines (Multiple Spindle)

Cincinnati Automatic Machine Co., 3120 South Oakley, Cincinnati, O.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
New Britain Machine Co. ("New Britain" Six Spindle), 190 Chestnut, New Britain, Conn.
Springfield Automatic Screw Machine Corp. ("Radical" Automatic), Fitchburg, Mass.

9041-2—Screw Pointing Machines

Pawtucket Mfg. Co. (For Coach Screws), Pawtucket, R. I.
Townsend H. P. Mfg. Co., Hartford, Conn.

043—Screw Shaving Machines

Garvin Machine Co. (Screw Head Shaving), 147 Varick, New York
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co. (Shaving & Slotting Combined), Waterbury, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Potter & Johnston Machine Co. (Shaving & Turning), **Pawtucket, R. I.**
Pratt & Whitney Co., Hartford, Conn.
Townsend H. P. Mfg. Co., Hartford, Conn.

9044—Screw Slotting Machines

See also Slotting Machines

Craftsman Tool Co., Conneaut, O.
Garvin Machine Co., 147 Varick, New York
Hartford Machine Screw Co., **Hartford, Conn.**
Herbert Alfred Ltd., 54 Dey, New York.
See adv index at end of book
Hubbell Harvey, Bridgeport, Conn.
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Townsend H. P. Mfg. Co., Hartford, Conn.
Waterbury Farrel Foundry & Machine Co. (Automatic), Waterbury, Conn.

9045—Screw Spike Driving Machines

Greenlee Bros. & Co., Rockford, Ill.

9046—Screw Thread Rolling Machines

Acme Machinery Co., 4533 St Clair av, Cleveland, O.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
International Machine & Screw Co., Springfield, Mass.
Leffler Chas. & Co. (For Sheet Metal Screws, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Manville E. J. Machine Co. (Automatic), Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9047—Scroll Sawing Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & Jno. Co. (Foot & Power), Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Colladay Jas. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co. 1929-33 N B'way, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Oliver Machinery Co., Grand Rapids, Mich.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.

9048—Scythe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

9049— Sealing Machinery

Anderson W. J. & Co. (Rapid), 341 B'way, New York
Burpee Can Seed Co., 215 W Huron, Chicago, Ill.
Chicago Gum Tape Co., 375 E Illinois, Chicago, Ill.
Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich.
Liberty Paper Co., 52 Vanderbilt av, New York
Metal Specialties Mfg. Co. ("Anchor" No. 5 & Gummed Tape), 338 N Kedzie av, Chicago, Ill.
Multipost Co. (Automatic), Rochester, N. Y.
National Binding Machine Co., 260 West, New York
Pneumatic Scale Corp. (Ltd.), (Automatic), Norfolk Downs, Mass.
Powell Sealer & Tape Mfg. Co., Westerville, O.
Rexford Gummed Tape Co., 593 Clinton av, Milwaukee, Wis.

9049a—*Sealing Machines (For Pay Envelopes)

EVEREADY MFG. CO. OF BOSTON ("Eveready" Automatic), 9 Knapp, Boston, Mass.
See adv index at end of book

9050— Seaming Machines

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Canton Foundry & Machine Co. ("Universal," Power for Long Length Pipe), Canton, O.

9051—Seamless Tubing Machinery

Metals Working Co., 305 5th av, Pittsburgh, Pa.
Standard Engineering Co., Ellwood City, Pa.

Seine Making Machinery

See Netting Machines

9052—Separating Machinery (Cotton Seed)

Bailey-Burruss Mfg. Co., Atlanta, Ga.
Buckeye Iron & Brass Works, Dayton, O.
Robinson Mfg. Co., Muncy, Pa.

9053—Sewer Cleaning Machines

Healy P. J., 39 Cortlandt, New York.
Improved Sewer Cleaning Machine Co., 1720 Cedar, Milwaukee, Wis.
Otterson Auto Eductor Co., Springfield, Ohio.
Shannon J. H. & R. Co. ("Shannon"), 538 Bergen av, Jersey City, N. J.

9054—Sewer Pipe Machinery

Besser Mfg. Co., Alpena, Mich.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Sioux City Engine & Machinery Co., Sioux City, Iowa
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.

9055—Sewer & Trench Excavating Machines

Austin Machinery Corporation, Ry. Exch. bldg, Chicago, Ill.
Buckeye Traction Ditcher Co. (Trench), Findlay, O.
Bucyrus Co., S Milwaukee, Wis.
Carson Trench Machine Co., 16 Dorrance, Boston, Mass.
Economy Excavator Co., Iowa Falls, Ia.
Heffron Trenching Co., Cleveland, O.
Heggie W. J. ("Monahan"), Joliet, Ill.
Keystone Driller Co. (Ditcher), Beaver Falls, Pa. *See adv index at end of book*
MACHINERY SALES CO., 327 S. La Salle, Chicago, Ill.
See adv index at end of book
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Moore Bros. (Second Hand), 39 S LaSalle Chicago, Ill. *See adv index at end of book*
Noble H. A. Co. (Odorless Excavating), 203 Dock, Phila., Pa.
Osgood Co., Marion, O.
Parsons Co. ("Parson's"), Newton, Ia.
PAWLING & HARNISCHFEGER CO. (Wheel or Ladder), Milwaukee, Wis.
See adv index at end of book
Potter Mfg. Co., Indianapolis, Ind.
Waterloo Cement Machinery Corp., Waterloo, Ia.

9056— Sewing Machine Mfrs.

Bauer Machine Co. (Lock Stitch), Jeffersonville, Ind.
Bergbom & Roberg (Hand), 218 N Jefferson, Chicago, Ill.
Birch Bros., Somerville, Mass.
Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
Curtis Herbert Co. (Brasser, Pique, Union Wax & All Kinds Special Sewing Machines), Gloversville, N. Y.
Curtis & Marble Machine Co. (Railway), Worcester, Mass.
Davis Sewing Machine Co. (Treadle Elec. & Mfg.), Dept H, Davis & Linden av, Dayton, O.
Dinsmore Mfg. Co., Salem, Mass.
Domestic Sewing Machine Co., 19 W Jackson blvd, Chicago, Ill.
Durbrow & Hearne, 12 Wooster, New York
Fales L. F. ("Maniplex" Multiple Needle), Walpole, Mass.
Foley-Williams Supply Co., 19 W Jackson blvd, Chicago, Ill.
Free Sewing Mach. Co. ("Free," "Free Westinghouse," "Aviator," "New Royal," Family, Electric & Foot Power), Rockford, Ill.
Illinois Sewing Mach. Co. ("New Royal"), Rockford, Ill.
Industrial Mfg. Co., Camden, N. J.
King Sewing Machine Co., Buffalo, N. Y.
Kruse & Murphy Mfg. Co., 100 E 130th, New York
Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.
Leyland Thos. & Co. (Whaleback), Readville, Mass.
Mason A. G. Mfg. Co. ("Florence" Family), St. Clair & E 79th, Cleveland, O.
Merrow Machine Co. ("Merrow" High Speed Trimming & Over Seaming), Hartford, Conn.
Metropolitan Sewing Machine Co., Nyack, N. Y.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
National Sewing Machine Co., Belvidere, Ill.
New Home Sewing Machine Co., Orange, Mass.
Osonn Frederick Co., 245 7th av, New York
Rockwell Co., Inc., 74 India, Boston, Mass.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Singer Sewing Machine Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric for Family & Mfg. Use), 6402H Cedar av, Cleveland, O.
Union Lock Stitch Co., E Boston, Mass.
Union Special Machine Co. (Knit Goods, Garments, etc.), 400 N. Franklin av, Chicago, Ill.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
White Sewing Machine Co., St. Clair & 79th, Cleveland, O.
Wilcox & Gibbs Sewing Mach. Co. (Chain Lock & Overlock Stitch), 658 B'way, New York
Williams Mfg. Co., Ltd., Plattsburg, N. Y.

9057—Sewing Machines (Bag)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402 Cedar av, Cleveland, O.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York.

9058—Sewing Machines (Blind Stitch)

Acme Keystone Co. ("McCool"), Beaver Falls, Pa.
American Blind Stitch Machine Co. ("Dearborn's" Patents), 325 Lafayette, New York
Lewis Felling Mach. Co., 3763 Forest Park blvd., St. Louis, Mo.

9059—Sewing Machines (Boot & Shoe)

Champion Shoe Mach'y Co., 3727 Forest Park blvd, St. Louis, Mo.
Landis Machine Co. ("Fleming" Shoe Soling), 25th & Mullanphy, St. Louis, Mo.
Puritan Mfg. Co., 121 Beach, Boston, Mass.
Singer Sewing Mach. Co., 149 B'way, New York
Tennis A. H., 47 E 19th, New York
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
White Sewing Machine Co., St. Clair & 79th, Cleveland, O.

9060—Sewing Machines (Broom & Whisk)

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.
Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.
Lipe & Walrath Co., 208 S Geddes, Syracuse, N. Y.
Mercantile Warehouse Co. (Steam), 53 Beach, New York
Walrath Alphonso Co. ("Lipe-Walrath"), Fort Plain, N. Y.

9061—Sewing Machines (Button)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.
Union Button Sewing Co. (For Flat Shank & Covered Buttons), 394 Atlantic av, Boston, Mass.

Sewing Machines (Button Hole)

See Buttonhole Machines

9062—Sewing Machines (Carpet)

Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
Singer Sewing Machine Co., 149 B'way, New York
Taft Machine Co., 229 Globe, Providence, R. I.
Union Special Machine Co., 400 N. Franklin av, Chicago, Ill.

9063—Sewing Machines (Chain Stitch)

Kruse & Murphy Mfg. Co., 100 E 130th, New York
Metropolitan Sewing Machine Co., Nyack, N. Y.
Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric Lock Stitch), 6402H Cedar av, Cleveland, O.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

9063a—Sewing Machines (Darning & Marking)

Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.

9064—Sewing Machines (Glove)

Ahlstrom O. J., 711 B'way, New York
Curtin Hebert Co. (For Leather, Canvas or Silk Gloves), Gloversville, N. Y.
Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
White Sewing Machine Co., St. Clair & 79th, Cleveland, O.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York
Williams Mfg. Co. Ltd., Plattsburg, N. Y.

9065—Sewing Machines (Hat)

Bulasky L., 44 E Houston, New York.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Singer Sewing Machine Co., 149 B'way, New York
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

9066—Sewing Machines (Leather)

Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
Davis Sewing Mach. Co., Dayton, O.
Landis Machine Co. (Harness, etc), 25th & Mullanphy, St. Louis, Mo.
Singer Sewing Machine Co. (For Harness Mfrs., Comage Leather, etc.), 149 B'way, New York
Union Lock Stitch Co. (For Harness etc.), E Boston, Mass.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.

9067—Sewing Machines (Mattress)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.

9068—Sewing Machines (Multiple Needle)

Fales L. F. ("Maniplex," Heavy Duty Lock Stitch), Walpole, Mass.
Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.
Union Special Machine Co., 400 N Franklin, Chicago, Ill.

9069—Sewing Machines (Over Seaming)

Singer Sewing Mach. Co., 149 B'way, New York
Spindler E. O. (Imp), 350 B'way, New York

9070—Sewing Machines (Railway)

Dinsmore Mfg. Co. (Portable Hand Power), Salem, Mass.

9071—Sewing Machines (Sailmakers')

Singer Sewing Machine Co., 149 B'way, New York
Standard Sewing Machine Co. (Electric), 6402H Cedar av, Cleveland, O.
Union Special Machine Co., 400 N. Franklin av, Chicago, Ill.

9072—Sewing Machines (Straw Hat)

Bulasky L. (Braid), 44 E Houston, New York
Singer Sewing Mach. Co., 149 B'way, New York
Union Special Machine Co., 400 N Franklin, Chicago, Ill.
Willcox & Gibbs Sewing Machine Co. (Visible & Concealed Stitch), 658 B'way, New York

9073—Shading Machines (Lithographers' & Photo-Engravers')

American Shading Mach. Co., 693 Main, Buffalo, N. Y.

9073a—*Shaft (Flexible) Machinery

SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book
Strand, N. A., 625 W Jackson Blvd, Chicago, Ill.

9074—Shaft Polishing Machines

Brightman Mfg. Co., Columbus, O.

9075—Shaft Straightening Machines

Abramsen Engineering Co., Pittsburgh, Pa.
Brightman Mfg. Co., Columbus, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Kane & Roach, Syracuse, N. Y.
Logemann Bros. Co. ("Logemann," Hydraulic Shaft, Pipe & Bar Straightener), 3130 Burleigh, Milwaukee, Wis.
Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Springfield Machine Tool Co., Springfield, Ohio
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

Shaft Turning Machines

See Lathes, Shaft Turning

9076—Shaft & Pole Machinery

Defiance Machine Works, Defiance, O.

9077— Shafting Machinery

Brightman Mfg. Co., Columbus, O.

9078—Shaping Machines for Steel Foundries

WALRAVEN CO. THE, 36-38 W Alabama, Atlanta, Ga.
See adv index at end of book
Wetherill R. & Co., Chester, Pa.

9079—Shaping Machines (Metal)

American Tool Works Co. (Crank), Cincinnati, O.
Barker Wm. & Co. (Crank & Geared), Covington, Ky.
Cincinnati Shaper Co. (Traverse), Elam & Garrard, Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Cochrane-Bly Co. (Universal, for Die & Tool Making), Rochester, N. Y.
Columbia Machine Tool Co., Hamilton, O.
Davis Machine Tool Co. (Crank), Rochester, N. Y.
Gould & Eberhardt, 97 N J RR av, Newark, N. J.
Hendey Machine Co. (15 & 20-Inch Friction Drive, 16, 20 & 24-Inch Crank Drive, Belt & Motor Driven), Torrington, Conn.
Juengst Geo. & Sons (Crank), Croton Falls, N. Y.
Kelly R. A. Co. (Crank), Xenia, O.
Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.
Morton Mfg Co. (Draw Cut), Muskegon Heights, Mich.
Ohio Machine Tool Co. ("Ohio" Crank Shaper, Single & Back Geared), Kenton, O.
Osborne & Sexton Machinery Co. (16:10,24 Inch), 4th & Russell, Columbus, O.
Potter & Johnston Machine Co. (Universal), Pawtucket, R. I.
Pratt & Whitney Co. (Vertical), Hartford, Conn.
Queen City Machine Tool Co. (Back Geared Crank Shaft, etc), 1405 Sycamore, Cincinnati, O.
Rhodes Mfg. Co. ("Rhodes" Crank), 984 Park, Hartford, Conn.
Rockford Machine Tool Co. ("Rockford," Single Geared Crank, Back Geared Crank, etc), Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Smith & Mills Co. (Crank & Geared), Spring Grove av, Cincinnati, O.
Springfield Machine Tool Co. (Crank & Geared), Spring Grove av, Springfield, Ohio
Steptoe Jno. Co. (Single or Back & Geared), 2951 Colerain av, Cincinnati, Ohio
Stockbridge Machine Co. (Two-Piece Crank & Geared Drive), Worcester, Mass.
Thompson Machinery Co., Union Arcade, Pittsburgh, Pa.
Whipp Machine Tool Co., Sidney, O.
Whitcomb-Blaisdell Machine Tool Co. ("Damrell" Portable), 677 Cambridge, Worcester, Mass.

9080—Shaping Machines (Wood)

See also Wood Carving Machines

American Steam Pump Co., Battle Creek, Mich.
American Woodworking Machinery Co., Rochester, N. Y.
Colladay Joseph O. Co., 626 Race, Phila., Pa.
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Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co. (Double Spindle), 1929-33 N B'way, St. Louis, Mo.
Heath W. A. Machine Co., Lestershire, N. Y.
Jenkins Machine Co. (Two Spindle Vertical Ball Bearing Shaper), Sheboygan, Wis.
Klotz Machine Co., Sandusky, O.
Ober Mfg. Co. (Combined Shaper, Saw & Jointer), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
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Towsley Jno. T. Mfg. Co., Cincinnati, O.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Whitney Baxter D. & Son (Double Spindle), Winchenden, Mass.
Wysong Miles Co. (Single Spindle), Greensboro, N. C.
Yates P. B. Machine Co., Beloit, Wis.

9081—Sharpening Machines (Safety Razor Blade)

American Sharpening Machine Co., 184 W Madison, Chicago, Ill.
Hill A. E. Mfg. Co., Atlanta, Ga.
HYFIELD MFG. CO. ("Hyfield"), 292 Church, New York
Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.
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9082—Shavings Washing Machines

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Olsen & Tilgner Mfg. Co. (Automatic & Reversible), 2230 Elston av, Chicago, Ill.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York

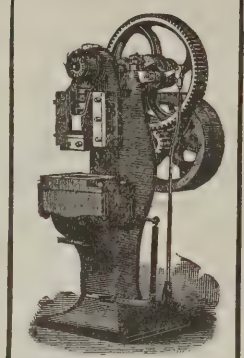


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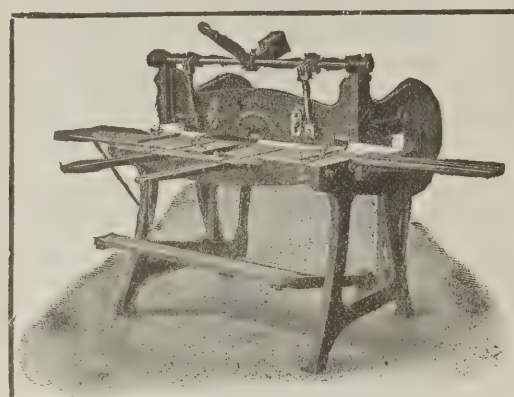
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9087—Sheet Metal Forming Machinery

See also Sheet Metal Workers' Machines & Tools

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Slaysman & Co., 801 E Pratt, Baltimore, Md.

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Baird Machine Co. (Automatic), Bridgeport, Conn.
Bartlett Edwin C., Nashua, N. H.
Bath John & Co., Inc., Worcester, Mass.
Bertsch & Co., Cambridge City, Ind.
Braun, J. G., 609 S. Paulina, Chicago, Ill.
Brown F. S. & G. L. Mach. Co., 26 E. Fort av., Baltimore, Md.
California Tool Works, 181 Beale, San Francisco, Cal.
Canton Foundry & Machine Co. ("Universal"), Canton, O.
Cleveland Machinery & Suppy Co., Cleveland Nat'l Bank bldg, Cleveland, O.
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Ferracute Mach. Co., Bridgeton N. J.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo O.
Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*
Jones Machine Tool Co. (Jobber), 435 E Pearl, Cincinnati, O.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
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Merchant & Evans, Washington av & 21st, Phila., Pa.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
Mobile Steel Co., Mobile, Ala.
MOLITER CHAS. MACHINERY CO., 118 S Clinton, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*

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Packham Crimper Co., Mechanicsburg, O.
Peck, Stow & Wilcox Co. ("Pexto"), Southington, Conn.
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Slaysman & Co., 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
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Swaine Fred J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
Verdin Kappes & Verdin Co., Cincinnati, O.
Weiss H. & Co., 83 John, New York
Whelan D. J. (Est. of), Troy, N. Y.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

9092— Sheet Mill Machinery

See also Rolling Mill Machinery

Aetna Foundry & Machine Co., Warren, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO. (Shears & Levelers), East Wilmington, Del.
See adv index at end of book
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
Standard Engineering Co., Ellwood City, Pa.
Southwark Foundry & Machine Co. (Shearing), 1128 S. 4th, Phila., Pa.
United Enging. & Fdry. Co., Pittsburgh, Pa.

Sheet Pile Driving Machines

See Pneumatic Pile Drivers

9092b—Sheradizing Machinery

New Haven Sherardizing Co., Hartford, Conn.

9093—Shingle Mill Machinery

Abbott Machine Co., Olean, N. Y.
See adv index at end of book
Adams S. & Son, Rome, N. Y.
Adams W. T. Machine Co., Corinth, Miss.
American Sawmill Machinery Co. ("American" & "Climax"), Hackettstown, N. J.
Burpee & Letson (Ltd.), Bellingham, Wash.
Butterworth & Lowe, Grand Rapids, Mich.
Challoner Co., Oshkosh, Wis.
Chase Turbine Mfg. Co., Orange, Mass.
Davis Fdry. & Mach. Works, ("Boss"), Rome, Ga.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Filer & Stowell Co., Milwaukee, Wis.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Gibbes Machinery Co., Columbia, S. C.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Mach. & Foundry Co., Norwich, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Lombard Iron Works & Supply Co., Augusta, Ga.
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Taylor Iron Works & Supply Co., Macon, Ga.
Trevor Mfg. Co., Lockport, N. Y.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.

9094—Ship Building Machinery

Alabama Dry Dock & Shipbuilding Co., Mobile, Ala.
Barnes Chas. Co., 55 Main, Cincinnati, O.
General Machinery & Supply Co. (and supplies), 39 Stevenson st., San Francisco, Cal
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
Lufkin Foundry & Machine Co. (Electric Dubbing Machines), Lufkin, Texas.
Morgan Engineering Co., Alliance, O.
Watson, Frye Co., Ltd., Bath, Me.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Woods S. A. Machine Co. ("The Planer of Woods"), 27 Damrell, Boston, Mass.

9094a—Ship-Deck Machinery

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

SHIP DECK MACHINERY
Winches, Capstans, Windlasses, Steering Engines
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

9095— Shoe Machinery

Adams Jno. J., Worcester, Mass.
Allen Die Block Co., Haverhill, Mass.
Bartlett E. E., 326 A, Boston, Mass.
Booth Bros. Co., Rochester, N. Y.
Boylston Mfg. Co., 251A, Boston, Mass.
Buzzell J. G. & Co., 102 High, Boston, Mass.
Campbell-Bosworth Machine Co., 205 Lincoln, Boston, Mass.
Carver Cotton Gin Co., East Bridgewater, Mass.
Champion Shoe Machinery Co. (Wax Thread Sewing or Stitching Machine, etc.), 3727 Forest Park blvd, St. Louis, Mo.
Cilley W. W. & Co. (Stitchers), Lynn, Mass.
Essex Machine Co., Lynn, Mass.
Freeman Louis G. Co., 909 Syramore, Cincinnati, O.
Freeman Machine Co., Lawrence, Mass.
Hamel Shoe Machinery Co., Lynn, Mass.
Progressive Shoe Machinery Co., 3132 Snelling av, Minneapolis, Minn.
Seelye Mfg. Co., 49 High, Boston, Mass.
Shawmut Machy. Co., 82 Lincoln, Boston, Mass.
Specialty Shoe Machinery Co. (For Repair Shops), St. Joseph, Mo.
Stewart Bros., Lynn, Mass.
Tower Bros., Hudson, Mass.
United Shoe Machy. Co., 205 Lincoln, Boston, Mass.
Young W. J. Machinery Co., 418 Union, Lynn, Mass.

9096-7-8 Shoe Nailing Machines

Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
Specialty Shoe Mach'y Co. ("Crowe"), St. Joseph, Mo.
United Shoe Machinery Co. ("Pettingill"), 205 Lincoln, Boston, Mass.

9099—Shoe Repairing Machines

Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.

9100—Shoe Seam Rubbing Machines

Shawmut Machy. Co. (Hand), 82 Lincoln, Boston, Mass.

9101—Shoe Seaming Machines

Shawmut Mach'y Co. (Hand), 82 Lincoln, Boston, Mass.

9102—Shoe Shining Machines (Automatic)

Westmoreland Automatic Machine Co., Irwin, Pa.

9103—Shoe Stitching Machines

Champion Shoe Machinery Co., 3727 Forest Park Blvd, St. Louis, Mo.

9104—Shoe Tip Scouring & Buffing Machines

Donnelly Machine Co. ("Gilmore"), Brockton, Mass.
Shawmut Mach'y Co., 82 Lincoln, Boston, Mass.

9105—Shoe Treeing Machines

Miller O. A. Treeing Mach. Co., Brockton, Mass.

9106—Shoe Vamp Edge Folding Machines

Lufkin John W., & R. H., 38 Chardon, Boston, Mass.

9107—Shoe Vamp Marking Machines

Rogers John F., Belfast, Me.

Shop Sawing Machines (Iron)

See Cold-Saw Cutting-Off Machines; also Hot Sawing Machines; also Rail Sawing Machines

9108— Shot Machines

Fanning J. P., 678 Jefferson av, B'klyn, N. Y.

9109—Shovel Handle Machinery

Defiance Machine Works, Defiance, O.

9110— Shovel Machinery

Bertsch & Co., Cambridge City, Ind.
Garrison A. Foundry Co. (Rolling Mill), 901 Bingham, Pittsburgh, Pa.
Lake Shore Engine Works ("Halby"), Marquette, Mich.
WELLMAN-SEAVER-MORGAN CO., Cleveland, O. *See adv index at end of book*

Shrapnel Machinery

See Projectile Machinery

9111—Shucking Machines (Buckwheat Hulling)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

9112— Shuttle Machinery

Carey W. W. Co., Lowell, Mass.

9113— Siding Saw Machines

Connell & Dengler Machine Co. (Self Centering, etc), Rochester, N. Y.

9114— Sieve Machines

Wolf Co., Chambersburg, Pa.

9115— Sifting Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Crossley Machine Co. (For Wet Clay), State & Chestnut av, Trenton, N. J.
Great Western Mfg. Co. (For Flour Mills), Leavenworth, Kansas
Nordyke & Marmon Co., Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

9116—Silver Rolling Machinery

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9117— Sizing Machines

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
United Engineering & Foundry Co. (For ⅜ to 4-Inch Putt Wind Pipe), Farmers' Bank bldg, Pittsburgh, Pa.

9118—Sizing or Spooling Machines

Lang E. M. Co. (Canners), Portland, Me.

9119— Skelp Charging Machines (Magnetic)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

9120—Skin or Pate Cutting Machines

Black-Clawson Co. (For Cutting Hides, Pate, etc, for Glue Stock), Hamilton, Ohio

9121-2—Skiving Machines (Strawboard)

Knowlton M. D. Co. (Also Pulp Board), 26 Elizabeth, Rochester, N. Y.

Slack Barrel Machinery

See Barrel, Keg, Stave & Heading Machinery

9123—Slag & Cinder Machines

Heyl & Patterson (For Blast Furnaces), 51 Water, Pittsburgh, Pa.

9124—Slate Dressing Machines

Ruggles Machine Co. (Dressing & Punching), Poultney, Vt.

9125-6—Slate Drilling & Countersinking Machines

Cedar Tool & Gage Corp. (Jobbing), 1662 State, Bridgeport, Conn.
Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.

9127— Slate Machinery

Flory S. Mfg. Co., Bangor, Pa.
Lincoln Iron Works, Rutland, Vt.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. (Planers, Saws, Groovers, Trimmers, Drills, etc), Poultney, Vt.

9128—Slate Picking Machines

Norman Picker Co., Nanticoke, Pa.

9129-30—Slaughter House Machinery

See also Packing House Machinery

Brecht Co., 1201 Cass av, St. Louis, Mo.
Faber F. H. Co., Peoria, Ill.
Smith Theo. & Sons Co. (Digesters, etc), ft. of Essex, Jersey City, N. J.

9131— Slicing Machines (Bread, Meat, Etc.)

Deer A. J. Co. (Meat "Royal"), Hornell, N. Y.
Getz, M. & Co., 162 First, San Francisco, Cal.
Jacobs Bros. Co., 71 Warren, New York
Premier Machinery Co., Oakland, Cal.
Smith's John E. Sons Co., Buffalo, N. Y.
Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.
U. S. Slicing Machine Co. (Meat), Laporte, Ind.
Wolf, Sayer & Heller ("Peerless" Smoked Beef), Fulton & Peoria, Chicago, Ill.

9132— Slip Joint Machines

Canton Foundry & Machine Co. ("Universal"), Canton, O.

9133—Slip Roll Forming Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

9134— Slitting Machines

See also Sheet Metal Workers' Machines & Tools

AMS. MAX MACHINE CO., 101 Park av, New York
Blake & Johnson Co., 1500 Thomaston av Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Kidder Press Co., Dover, N. H.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Mitchell Jno. R. Co. (Gang Slitters), 702 S Washington, Baltimore, Md.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Standard Machinery Co. (Gang), Providence, R. I.
Toledo Machine & Tool Co. (Gang), Toledo, Ohio
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wold, Torris & Co. (Automatic Gang, for Sheet Metal, Cardboard, etc.), 240 N Ashland av, Chicago, Ill.

9135—Slitting Machines (Gang)

AMS. MAX MACHINES CO., 101 Park av, New York
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Mitchell John R. Co. (Gang), 702 S Washington, Baltimore, Md.
NIAGARA MACHINE & TOOL WORKS, (For Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Standard Machinery Co., Providence, R. I.
Toledo Machine & Tool Co., Toledo, O.

Slot Machines

See Vending Machines

9136— Slotting Machines

See also Screw Slotting Machines

Baker Bros. Toledo, O.
Bilton Machine Tool Co. (The), ("Bilton" Automatic Disc), Bridgeport, Conn.
Clough R. M., Tolland, Conn.
Craftsman Tool Co., Conneaut, O.
Dill T. C. Machine Co. (Inc.), "Dill"), Somerset & Mascher, Phila., Pa.
Espen-Lucas Machine Works (Stationary & Portable), 21 Girard av, **Phila., Pa.**
Garvin Machine Co., 147 Varick, New York
Hartford Machine Screw Co., Hartford, Conn.
Morton Mfg. Co. (Portable), Muskegon Heights, Mich.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co. (Crank, Geared & Frame), 111 B'way, New York
Pottstown Machine Co., Pottstown, Pa.
Putnam Machine Co., Fitchburg, Mass.
Rhodes Mfg. Co. ("Rhodes"), 984 Park, Hartford, Conn.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Simmons Machine Co., Inc., 987 B'way Albany, N. Y. *See adv index at end of book*
Tindel-Marris Co. (Cold Saw), Eddystone, Pa.

9137—Slotting Machines (Crank)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

9138—Slotting Machines (Locomotive Frame)

Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

9139—Slotting Machines (Paper, Etc.)

Knowlton M. D. Co. (Corrugated & Solid Board), 26 Elizabeth, Rochester, N. Y.

9140—Slotting Machines (Portable)

Espen-Lucas Machine Works, 21 Girard av, Phila., Pa.
Morton Mfg. Co., Muskegon Heights, Mich.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York

9141— Smashing Machinery

Sheridan T. W. & C. B. Co. (Bookbinders), 434 B'way, New York

9142— Smelting Machinery

See also Mining Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Colorado Iron Works Co., Denver, Col.
Denver Engineering Works Co., Denver, Col.
Hendy Joshua Iron Works, 75 Fremont, **San Francisco, Cal.**
Salt Lake Engng. Works, Salt Lake City, Utah
SINTERING MACHINERY CORP., Netcong, Morris Co., N. J.
See adv index at end of book
TRAYLOR ENGNG. & MFG. CO., Allentown, Pa. *See adv index at end of book*
Western Iron Works (Inc.), Butte, Mont.
Worthington Pump & Machy. Corp., 115 Broadway, New York
See adv index at end of book

9143— Smoke Test Machines

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.
Du Mond A. A., 45 W 34th, New York
Garrison Brass & Machine Works, 107 W 13th, New York
Gunster Bros. ("Thomson"), Scranton, Pa.

Smoked Beef Shaving Machines

See Slicing Machines, Bread, Meat, etc.

9144—Smokeless Powder Mixing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

9145—Smut Cleaning Machines

Huntley Mfg. Co. ("Monitor" for All Kinds of Grain), Silver Creek, N. Y.

9146-7—Snap Fastener Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.

9148—Soapmakers' Machinery

Blanchard Machine Co., Cambridge, Mass.
Brown & Patterson, 33 Marcy av, Brooklyn, New York
Dundon Iron Works, 225 Folsom, San Francisco, Cal.
Dunning W. D., Syracuse, N. Y.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin-Aiken Co. (Toilet, Laundry, etc), 113 53d, Brooklyn, N. Y.
Jones R. A., Covington, Ky.
Lehmann J. M. Co., 101 Varick, New York
Rutschman Oscar F. (Toilet Soap, Chippers, Presses, Plodders, Cutters, etc), **1906 E Westmoreland, Phila., Pa.**
Sharp L. C. Mfg. Co. (Soap Powder, Filling & Sealing), Plattsmouth, Neb.
Sowers Mfg. Co. ("Dopp"), Buffalo, N. Y.

9149—Soap Mixing Machines

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Dundon Iron Works, 225 Folsom, San Francisco, Cal.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Dunning W. D., Syracuse, N. Y.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.

9150— Soapstone Machinery

Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co., Poultney, Vt.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburgh, Pa.

9151—Socket Threading Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills), McKees Rocks, Pa.
United Engng. & Fdry. Co., Keenan bldg, Pittsburgh Pa

9152-3—Soft Meal Cap & Capsule Machinery

BLISS E. W. CO., 19 Adams, Brooklyn N. Y. *See adv index at end of book*

9154—Solder Ribbon Making Machines

Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

9155— Soldering Machines

Brecht Co. (Vacuum Can, etc), 1201 Cass av, St. Louis, Mo.
Fanning J. P. (Triangular), 678 Jefferson av, Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
Hubbard's Norman Sons, 265 Water, Brooklyn, N. Y.
Lang E. M. Co., Portland, Me.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Seattle-Astoria Iron Works (Side Seam, Chain or Spiral), Seattle, Wash.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Stecher Chas. Co. (For Soldering on the Ends of Large Square Cans, etc.), 2301 Knox av, Chicago, Ill.

9156—Soldering or Fusing Machines (Ear)

Stecher Chas. Co., 2301 Knox av, Chicago, Ill.

9157—Sole Blocking Machines

Quarmby & Hilliker ("Knox"), Lynn, Mass.

9158—Sole Cutting Machines

Wellman Co. (For Rubber), Medford, Mass.

9159—Sole Leather Stripping Machines

Quarmby & Williker, Lynn, Mass.

9160— Sounding Machines

Hand Jno. & Sons Co. ("Sir Wm. Thompsons"), 208 Chestnut, Phila., Pa.
Kelvin & Wilfred C. White Co., 112 State, Boston, Mass.
Mazer Acoustic Co., 1209 Arch, Phila., Pa.

9161—Spark Plug Machinery

Paterson Fdry & Mach. Co., E. Liverpool, O.

9162— Special Machinery

See also Special Machinery, Designers of
Accurate Engng. Co., 150 E 4th, Plainfield, N. J.
Acme Engineering & Mfg. Co., 355 Union Park ct., Chicago, Ill.
Acme Machine Co., 316-26 N. 17th, Phila., Pa. *See adv index at end of book*
Acme Tool & Die Co., Syracuse, N. Y.
Adams Bros. & Co., 136 W Lake, Chicago, Ill.

ACME MACHINE CO.
Machinists and Engineers
Engine Room Repairs
Builders of Special Machinery
Flanges and Drop Forgings a Specialty
316-26 N. 17th St., Philadelphia, Pa.

Adapt Machinery Co., 1624 Wabash av, Chicago, Ill.
Advance Tool Works, 2304 Warren av, Chicago, Ill.
Akron Gear & Engine Co., 55 E South, Akron, O.
Alent Machine Tool Co., Inc., 479 St. Paul, Rochester, N. Y.
See adv index at end of book

ALENT MACHINE TOOL CO., INC.
SPECIAL MACHINERY and TOOLS
479 St. Paul Street
Rochester New York

Allen Mach. Co., 1585 Columbus rd., Cleveland, O.
American Mach. & Fdry. Co., 5520 2d av, Brooklyn, N. Y.
American Mach. Tool Engng. Wks., 4854 W Kinzie, Chicago, Ill.
Anderson Tool Co., Elyria, O.
Armstrong Walter, Springfield, Mass.
Atkins W. C. Mach. Co., 1 Gleason pl, Rochester, N. Y.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Atlas Mach. Co., Waterbury, Conn.
Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Automatic Mach. Co., Bridgeport, Conn.
Baird Mach. Co., Bridgeport, Conn.
Barrett Bros., 43 Haverhill, Boston, Mass.
Bath John & Co., Inc., 8 Grafton, Worcester, Mass.
Bayley Wm. Co., Springfield, Ohio.
Beaman & Smith Co., Providence, R. I.
Beaver Machine & Tool Co., Inc., 625 N 3rd, Newark, N. J.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bethlehem Shipbuilding Corp. Ltd. (Heavy & Light), Dept H, Broadhead and Parker av, Bethlehem, Pa.
Biggs Boiler Wks., Akron, O.
Bilgram Mach. Wks., 1231 Spring Garden, Phila., Pa.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Black & Decker Mfg. Co., 111 S Calvert, Baltimore, Md.
Blair Mfg. Co., Camden, N. J.
Blake & Johnson Co., 1500 Thomaston, Waterbury, Conn.
Blanchard Mach. Co., 64 State, Cambridge, Mass.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bloomfeldt & Rapp Co., 100 N. Jefferson, Chicago, Ill.
Boncher H. E. Mfg. Co., 150 Lafayette, New York
Boston Scale & Machine Co., 100 Ruggles, Boston, Mass.
Boston Tool & Mfg. Co., Inc., 262 Dover, Boston, Mass.
See adv index at end of book
Bowen G. F. Mach. Co., Inc., 24 Scott, Newark, N. J.
Braddock Manufacturing Co., Braddock, Pa.
Braunschwerger Bros., Toledo, O.
Brooks Machine Co., York, Pa.
See adv index at end of book
Brown A. & F. Co., 79 Barclay, New York
Brown Engineering Co., 110 N 3rd, Reading, Pa.
Bryant O. & Sons, 1407 West av, Buffalo, N. Y.
Budd & Ranney Mfg. Co., Chestnut & Water, Columbus, O.
Burgess Machine Co., New Haven, Conn.
Cameron Can Machinery Co., 240 N Ashland av, Chicago, Ill.
Campbell Andrew Co., Inc., Waterbury, Ct.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Canton Machine Shop, Canton, O.
Carr Jas. Co., 132 N 7th, Phila., Pa.
Carroll Fdry. & Mach. Co., Bucyrus, O.
Central Machine & Tool Co., The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Centre Foundry & Machine Co., Wheeling, W. Va.
Chalmers Mfg. Co., Lima, O.
Cincinnati Engineering Tool Co., Winton pl., Cincinnati, O.
City Machine Co., 5321 St Clair, Cleveland, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
CLYDE IRON WORKS SALES CO., Duluth, Minn.
See adv index at end of book

Clyne R. G. Engineering Co., 12th & Tyler, St. Louis, Mo.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Colton Arthur Co., 2600 E. Jefferson, Detroit, Mich.
Columbus Die, Tool & Mach. Co., 955 Cleveland av, Columbus, O.
Combination Engine Co. (Cold Rolled Machy.), 3148H Penn av, Pittsburgh, Pa.
Connellsville Foundry, Machine & Steel Casting Co. (Built to Drawing), Connellsville, Pa.
Connery Machine & Tool Co., 56 Harrison av, Springfield, Mass.
Continental Machine Works, Oakland, Cal.
Cook H. C. Co., Ansonia, Conn.
Co-Operative Engng. Co. (Designers), 50 Church, New York
Cowdrey C. H. Machine Wks., Fitchburg, Mass.
Crescent Tool Co., Jamestown, N. Y.
Cresson Morris Co., 18th & Allegheny, Phila, Pa.
Cummings Machine Wks., 110 High, Boston, Mass.

Danville Iron & Steel Co., Danville, Pa.
Davenport Machine & Fdry. Co. (Heavy), Davenport, Ia.
Davis C. F. Machine Co., Inc., 133 Andrews, Rochester, N. Y.
Decatur Novelty Wks, Decatur, Ill.
Defiance Machine Wks., Defiance, O.
De Hart Mfg. Co., 418 W 27th, New York.
Dellenbarger C. E., 1949 Fulton, Chicago, Ill.
Detroit Model Mach. Wks., Fremont, O.
Dienelt & Eisenhardt Inc., 1304 N. Howard, Philadelphia, Pa.
Dilts Machine Wks., Dept. H, Fulton, N. Y.
Dines Wm. L. Gin Co., Worcester, Mass.
Dodge, H. C., Inc., 46 Alger, Boston, Mass.
Dover Geo. W. Inc., 1012 Eddy, Providence, R. I.
Draver E. R., Richmond, Ind.
Dundore Mfg. Co., Reading, Pa.
Dunn J. Edward Co., 9 Bethume, New York.

Eagle Engineering Co., Springfield, O.
Earle Gear & Machine Co., Stenton & Wyoming avs, Philadelphia, Pa.
East Iron & Mach. Co., 351 E Market, Lima, O.
Eisler Mfg. Co., Rochester, N. Y.
Elgin Tool Wks., Elgin, Ill.
Eisenhaus Machine Wks., 899 Main, Buffalo, N. Y.
Elec. Appliance Mfg. Co. (To Order), Dept H, Waterbury, Conn.
Empire Machine & Stamping Co., 59 Terrace, Buffalo, N. Y.
Euclid Machine Engineering Co., 40 Noble rd, Cleveland, O.
Evers Iron Wks., 1569 Merwin, N. W., Cleveland, O.

FARRAR & TREFTS, INC., Buffalo, N. Y.
See adv index at end of book
FAWCUS MACHINE CO., 2818-2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
Fernholtz Machy. Co., 2053 E 38th, Los Angeles, Calif.
See adv index at end of book

FERNHOLTZ MACHINERY CO.
Engineers and Machinists
SPECIAL MACHINERY
Built from Drawings and Specifications
LOS ANGELES, CALIFORNIA

Firsching Jos., Utica, N. Y.
Fisher Machine Co., 310 N 11th, Phila., Pa.
Flather Mfg. Co., Nashua, N. H.
FOOTE BROS. GEAR & MACHINE CO. Engineers' & Machinists'), 213 N Curtis, Chicago, Ill.
See adv index at end of book
Fort Dearborn Mfg. Co., Sterling, Ill.
Fort Dearborn Mfg. Co., 38 So. Dearborn, Chicago, Ill.
Franklin Die & Tool Co. (The), Columbus, O. *See adv index at end of book*
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Fulton Fdry Co., 1209 Marquette av, Cleveland, O.
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Gale O. Milton, Syracuse, N. Y.
GANSCHOW WM. CO. (Engineers' & Machin'sts'), 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
Gardham & Sons, Wm., 114 Park pl, New York
Garrin Mach. Co., 147 Verick, New York
Garrison Co., Inc., 183 John, Bridgeport, Conn.
Geiras Mfg. Co., 417 E 156th, New York.
Gem City Mach. Co., Dayton, O.
General Apparatus C. (Fine), Aspinwall, Pa.
Geometric Tool Co., New Haven, Conn.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Germanow-Simon Machine Wks., 58 Mill, Rochester, N. Y.

Geier P. A. Co., 5112 St. Clair av, Cleveland, O.
Gisholt Mach. Co., Madison, Wis.
Gooley & Edlund, Cortland, N. Y.
Grant Mfg. & Mach. Co., N. W. Station, Bridgeport, Conn.
Gray Mach. Tool Co., 2649 Main, Buffalo, N. Y.

Green F. J. Engng. Wks., Racine, Wis.
Greenville Iron Wks., Greenville, S. C.
Greenwood Chester Co., Farmington, Me.
Gries Bros., 450 E 148th, New York
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Gunnell-Manitowac Shipbuilding Co., Manitowac, Wis.
Guyton & Cumfer Mfg. Co., 4451 Filmore, Chicago, Ill.

Haberle, J. B., South Bend, Ind.
Hall Wm. Co., Wallaston, Mass.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Hanna Engng. Wks., 2065 Elston av, Chicago, Ill.
Harbor Machine Co., 183 High, Boston, Mass.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Harris Engng. Co., Bridgeport, Conn.
Hart Fdk. & Co. (Designers & Makers), 837 Main, Poughkeepsie, N. Y.
Hartford Special Machy. Co., Hartford, Conn.
Harryman R. E. Mach. Co., Louisville, Ky.
Harvey Machine Works, Kansas City, Mo.
Hartz Henry & Co., Cuyahoga & Mahoning av, Cleveland, O.
Havanna Mfg. Co., Havanna, Ill.
Heartley Mach. Variety Iron & Steel Wks., 900 Summit, Toledo, O.
Hempelman & Hector, 120 Longworth, Cincinnati, O.
Herlth O. B. Mfg. Co. Inc., 32 Union pl, Hartford, Conn.
See adv index at end of book

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Special Machinery and Tools
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Hunsicker Engineering Co., Lebanon, Pa.
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Hydraulic Press Mfg. Co., Mount Gilead, O.
Hygrade Mach. & Equipment Co., 245 N J RR av, Newark, N. J.
Ideal Mach. & Tool Co., 128 Longworth, Cincinnati, O.
Ideal Tool & Machinery Co., Beaver Falls, Pa.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
Industrial Products Co., 334 N Irving av, Chicago, Ill.
Ingle Machine Co., 175H Winton rd, Rochester, N. Y.
Inland Mach. Wks., 17th & Locust, St. Louis, Mo.
International Fabricating Corp., 99 John, New York.
JAXON CO., 1010-12-14 Jackson, Toledo, O.
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Jensen-Kohlert Mfg. Co., St. Charles, Ill.
Jersey City Mach. Co., 113 Plymouth, Jersey, N. J.
Johnson I. H. Jr. Co., Inc., 337 N 15th, Phila., Pa.
Johnston & Jennings Co., Addison rd & N Y C RR, Cleveland, O.
See adv index at end of book
Keagy & Lear Machine Co., Coshocton, O.
Kelton Mach. Co., 76 South 8th st, B'kyn, N. Y.
Kidder R. E. Co., Worcester, Mass.
Kinzig Tool Co., 1239H W 3rd, Cleveland, Ohio
Kohler Die & Specialty Co., De Kalb, Ill.
Konigslow Stamping & Tool Wks., Cleveland, O.
Kotton Mach. Co., 57 Academy, Jersey City, N. J.
Kuhn & Jacob Machine & Tool Co., Trenton, N. J.
Lambert & Todd Mach. Co., Camden, N. J.
Lammert & Mann Co., 221 N. Wood, Chicago, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.

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Larien Ivert, 221 N Elizabeth, Chicago, Ill.
Laur Jno. Machine Co., 110 St. Antoine, Detroit, Mich.
Lebanon Gear & Machine Works, 17th & Forge, Lebanon, Pa.
Leffer Chas. & Co., 71 Clymr, B'klyn, N. Y.
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Leonard Machinery & Tool Co., Inc., 609 S Pauline, Chicago, Ill.
See adv index at end of book
Leonard Machine Wks., 1222 Race, Phila., Pa.
Levi, Benjamin, (To Order), 355 W B'way New York.
Lidseen Gustave, 832 S Central av, Chicago, Ill.
Lindstrom Die Tool & Gauge Wks., Bridgeport, Conn.
Lipe Chas. E., Syracuse, N. Y.
Lippincott-Carwen Co., Erie av & Richmond, Phila., Pa.
Long Adam A., Machine Works, Rochester, N. Y.
Los Angeles Engineering & Mfg. Co., 1212H E 6th, Los Angeles, Cal.
Love Bros., Inc., Aurora, Ill.
Lutz Co., 31st & Gray's Ferry rd, Phila., Pa.
Lutz J. H. (Light), Circleville, O.
MacLeod Mfg. Co., 2640 Greenview av, Chicago, Ill.
Malm & Stahl Tool Works, 561 Washington, Chicago, Ill.
Marvin & Casler Co., Canastota, N. Y.
Maskell J. H. Machine & Mfg. Co., 1419 E 40th, Cleveland, O.
McCullock A. P. Machine Co., 216 High, Boston, Mass.
Meese & Gottfried, 660 Mission, San Francisco, Cal.
Mehl Machine, Tool & Die Co., Roselle, N. J.
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Mesta Mach. Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

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Michigan Machine Co., 85 Porter, Detroit, Mich.
Middlesex Mach. Co., Inc., Middletown, Conn.
Millard Henry & Henry Co. (& Parts), York, Pa.
Modern Machinery Co., Wilmington, Del.
Modern Tool, Die & Machine Co., 216-220 No Fourth, Columbus, O.
Monarch Tool & Mfg. Co., The, 122 Opera pl, Cincinnati, O.
Morgan Edw., 35 Vesey, Newark, N. J.
Moore & Co., 305 W Grand av, Chicago, Ill.
Moore Mach'y Co., 213 Guilford av, Baltimore, Md.
Moore J. W. Machinery Co., Spring & Second, Everett, Mass.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Morgan Engineering Co. (Steel Works and Rolling Mill), Alliance, O.
Munson Mill Mach'y. Co., Utica, N. Y.
Murrill & Kuzer (Light), 206 N Holliday, Baltimore, Md.
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National Machy. Co., Tiffin, O.
National Production Co., Bellevue & Benson, Detroit, Mich.
National Tool Co., Cleveland, O.
See adv index at end of book
Nat'l Twist Drill & Tool Co., Bru & E Grand blvd, Detroit, Mich.
Nelson A. H. Machine Co., B dgeport, Conn.
Nelson Machine Co., Taunton, Mass.
Nelson Tool Co., 781 E 142d, New York
Nestor Mfg. Co., 40 W. 13th, New York
New Britain Mach. Co., 190 Chestnut, New Britain, Conn.
New Britain Tool & Mfg. Co., New Britain, Conn.
Newman Mfg. Co., Cincinnati O.
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
See adv index at end of book
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Nicholson W. H. Co., Wilkes-Barre, Pa.
Nilson A. H. Machine Co., Bridgeport, Conn.
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
North Side Tool Co. The, 17-19 Maryland av, Dayton, O.
Octon Engineering Assn., Inc., Rochester, N. Y.
Oil City Boiler Wks., 351 Seneca, Oil City, Pa.
Osann Frederick Co., 245 7th av, New York
Osborn F. C., 64 Lawrence ave, Detroit, Mich.
Oster Mfg. Co., 2057 E 61st pl, Cleveland, O.
Otis Machine Wks., Rochester, N. Y.
Ottemiller Wm. H. & Co., York, Pa.
Parsons Machinery, Marlboro, Mass.
Toledo, O.
Pauck E Machine Co. 3440 Summit av
Peck Mfg. Co., New Haven, Conn.
Pedersen Mfg. Co., 236 Middle, Bridgeport, Conn.
Perry F. W. Mach. Co., Youngstown, O.
Peyser-Hansen Machine Co., Dept. H, Mt. Vernon, N. Y.
Phoenix Iron Wks. Co., Meadville, Pa.
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Pullman Ventilator & Mfg. Co., York, Pa.
Q. M. S. Co., 1771 Elston av, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
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Queen City Engng. Co., 49 Illinois, Buffalo, N. Y.
R. & S. Engraving & Die Wks., 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Randenburg Ernest, 208 E 27th, New York
See adv index at end of book
Raymond Engng. Corpn., 309 Lafayette, New York
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Reed Prentice Co., 677 Cambridge, Worcester, Mass.
Reichel & Drews, 559 W Lake, Chicago, Ill.
Reliance Die & Stamping Co., 515 N La Salle, Chicago, Ill.
Riverside Mach. Co., Chester, Pa.
Robbins, Gamwell & Co., Pittsfield, Mass.
Robinson J. M. Mfg. Co. (For Sheet Metal), 3288H Spring Grove av, Cincinnati, O.
Rochester Ball Bearing Co., Rochester, N. Y.
Rochester Pressed Steel Co., Rochester, N. Y.
Rowbottom Mach. Co., Waterbury, Conn.
Ruggles Mach. Co., Poultney, Vt.
Rupp Mfg. Co., Inc., Hagestown, Md.
Russell John W. & Sons Co., Springfield, Mass.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill. *See adv index at end of book*
Sabin Mach. Co., 6536 Carnegie av., Cleveland, O.
Sabin Machine Co., 6536 Carnegie av, Cleveland, O.
Salem Fdry. & Mach. Wks., Salem, Va.
Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill.
Schaeffer Machine Wks. (Heavy), 35th & Gray's Ferry rd, Phila., Pa.
Schoenert Carl & Sons, Newark, N. J.
Schroeder Bros. Mfg. Co., 111 Brook, Torrington, Conn.
Scranton Co., New Haven, Conn.
Security Tool Works, 115 S Clinton, Chicago, Ill.
Service Engng. Co., 25 Church, New York
Sharp L. E. Mfg. Co., Plattsmouth, Neb.
Shelton Tool & Mach. Co., Shelton, Conn.
Sexton Machine Co., 308 Pearl, Hartford, Conn. *See adv index at end of book*
Shepherd Engng. Co., Williamsport, Pa.
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Steiner Bros., 322 N West, Lima, O.
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Stolp Co., Inc. (Automatic Lock Seaming), Geneva, N. Y.
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Superior Die, Tool & Machine Co., Columbus, O.
Superior Tool & Die Works, 313 Clinton, Chicago, Ill.
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Thompson & Bremer, 850 S Canal, Chicago, Ill.
Toles W. C. Co., 4034 N Tripp av, Chicago, Ill.
Toledo Mech. & Tool Co., Toledo, O.
Torrington Mfg. Co., Torrington, Conn.
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Union Engng. Co. (Automatic), Hartford, Conn.
Union Special Machine Co., 400 N Franklin av, Chicago, Ill.
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Unity Mfg. Co., 224 N Halstead, Chicago, Ill.
Universal Machine Co., 501 E Preston, Baltimore, Md.
Up-to-Date Tool Co., 81 Wareham, Boston, 18, Mass. *See adv index at end of book*
Urbana Tool & Die Co., Urbana, O.
Valley Iron Wks., W St. Paul, St. Paul, Minn. & Levee, Williamsport, Pa.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
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Waltham Mach. Wks., Newton, Waltham, Mass.
Wappat Gear Works, Dept. H, Meade and Broadway, Pittsburgh, Pa.
Weimann Bros. Mfg. Co., Derby, Conn.
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Westlund Carl G. Co., 498 Millbury, Worcester, Mass.
West Michigan Mach. & Tool Co., Ltd., Grand Rapids, Mich.
Western J. W. & Co., 198 William, New York
Wetherhill Robt. & Co., Inc., Chester, Pa.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.
White A. E. Machine Wks., Eau Claire, Wis.
Wicox Motor & Mfg. Co., Saginaw, Mich.
Willis F. C. & Co., 565 W Washington blvd, Chicago, Ill.
Williams, White & Co., Moline, Ill.
Williams Mfg. Co., Inc., 18 Eddy, Providence, R. I.
Willsea Works, Rochester, N. Y.
Wilson L. Novelty Works, 222 S Clinton, Chicago, Ill.
Woods Engng. Co. (On Contract), Alliance, O.
Wood & Spencer Co., 1930 E 61st, Cleveland, O.
Woodward Mach. Co., Wooster, O.
Wolverine Supply & Mfg. Co. (Dies Only), Page & Fontella, Pittsburgh, Pa.
Wright Traffic Signal Co., 844 West 6th Cincinnati, O.
Wrigley Thos. Co., 504 Sherman, Chicago, Ill.
Wunsch & Washburn (Designed & Built), Stone av & McDougal, Brooklyn, N. Y.
York Electric & Mfg. Co., York, Pa.
Zeidler William A. Co., 182 Locust av, New York.

9162a—Special Machinery (Designers of)

See also Special Machinery

King R. D., 51 W Jackson, Chicago, Ill.

Spice Mill Machinery

See Coffee & Spice Mill Machinery

9163— Spike Machinery

Youngstown Foundry & Machine Co., (Automatic or Hand Feed for Track Spikes), Youngstown, O.

9164—Spinach Canners' Machinery

Huntley Mfg. Co., ("Monitor" Whirlpool Blanchers, Washers & Coolers), Silver Creek, N. Y.
Premier Machinery Co., Oakland, Cal.

9165-6—Spindle Carving Machines

Jenkins Machine Co., Sheboygan, Wis.
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Valley City Mach. Works, Grand Rapids, Mich.

9167—Spiral Oil Grooving Machines

Fischer Machine Co., 310 N 11th, Phila, Pa.
Garvin Machine Co., 147 Varick, New York
Mitts & Merrill, 1939 S Water, Saginaw, Mich.

9168—Spiral Twist Moulding Machines

Valley City Mach. Works, Grand Rapids, Mich.

9169—Spoke Auger Machines

House Cold Tire Setter Co. ("Ever-Ready" Self-Feeding), 4143 Laclede av, St. Louis, Mo.

9170—Spoke Driving Machines (Automatic)

Defiance Machine Works, Defiance, O.

9171—Spoke Facing Machines

Defiance Machine Works, Defiance, O.

Spoke Machinery

See Hub, Spoke & Rim Machinery

9172—Spoke Tenoning Machines

Defiance Machine Works, Defiance, O.
San Francisco Engn. Co., 322 6th, San Francisco, Cal.

9173—Spoke Throating Machines

Defiance Machine Works, Defiance, O.

9174-5—Spool Stock Sawing Machinery

Chapman's T. M. Sons Co., Old Town, Me.
Ricker T. H. & Sons Co., Harrison, Me.

9176—Spool Stranding & Armoring Machines

Watson Machine Co., Paterson, N. J.

9177—Spool & Bobbin Machinery

Defiance Machine Works, Defiance, O.
Goodspeed Machine Co., Winchendon, Mass.
Kline Lewis T., Alpena, Mich.
Murkland John W. Co., Barton, Vt.
Thompson Mfg. Co. (For Roughing & Finishing), Lancaster, N. H.

9178— Spraying Machines

See also Brushes, Pneumatic Spray; also Paint Spraying Machines; also Pumps Spray

Albert Lea Sprayer Co. (Compressed Air & Hand), Albert Lea, Minn.
Anthony Co., 9 Jackson av, Long Island City, N. Y.
DEMING CO. ("Victory" "Victory Junior," "Adapter" Power Sprayed), Salem, Ohio.
See adv index at end of book
Drugs Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
See adv index at end of book
Field Force Pump Co., Elmira, N. Y.
Metals Coating Co. of Amer. (Metal "Schoop" Process), 495 N 3rd, Philadelphia, Pa.
MYERS F. E. & BRO., 800 Orange, Ashland, O *See adv index at end of book*
Spray Engng Co. ("Spraco" all Coatings), 60 High, Boston, Mass.
Star Brass Works, 3129 Carroll av, Chicago, Ill.

Spraying Machines (Bituminous Materials)

See Road Oilers & Distributors

9179—Spring Bed Machinery

Cevasco, Cavagnaro & Ambrette Inc., 156 Sixth, Brooklyn, N. Y.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Lippert & Rhenstrom, Kenosha, Wis.
Pine-Ihrig Machine Co., Oshkosh, Wis.
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book
Wells Frank L. Co., Kenosha, Wis.

9180—Spring Clamping Machines

Handy Mfg. Co. (For Woodworkers), 29 E Madison, Chicago, Ill.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9181—Spring Closing Machines

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

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AMERICAN CAN CO. (Mach'y Dept.), ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.
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Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Evans' Jno. Sons (Light & Heavy), 506 N 13th, Philadelphia, Pa.
Garvin Machine Co., 147 Varick, New York
Metal Package Corp. of N. Y. ("Rudolphi and Krummel"), 509 5th av, New York *See adv index at end of book*
Nilson A. H. Machine Co. (Automatic for Small Springs), Bridgeport, Conn.
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book
Wells F. L. Co. (Automatic), Kenosha, Wis.

9183—Spring Cutting & Hook Machines

SLEEPER & HARTLEY, INC. (For Helical Bed Springs), 335 Chandler, Worcester, Mass.
See adv index at end of book

9183a—*Spring Grinding Machinery

SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book

9183b—Spring Setting Machinery

SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book

9184—Spring Stripping Machines (Hydraulic)

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9185—Squeezing Machines (Hand & Power)

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Stecher Chas. Co., 2301 Knox av, Chicago, Ill.

9186—Stabbing Machines (Bookbinders')

Hickok W. O. Mfg. Co., Harrisburg, Pa.

9187—Stair Routing Machines

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

Stamp Affixing Machines

See Postage Stamp Affixing Machines

9188— *Stamping Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9189—*Stamping Machines (Adjustable)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9190— Staple Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Bates Machine Co., Joliet, Ill.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book
Special Machinery Co. (Special Automatic), Bridgeport, Conn.

9191— Stapling Machines

See also Wire Stapling Machinery

Acme Staple Co. Ltd. (Paper), Camden, N. J.
EVEREADY MFG. CO. OF BOSTON ("Eveready" Automatic Paper), 9 Knapp, Boston, Mass.
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Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Remmers B. & Sons, 1227 Germantown, Philadelphia, Pa.
Simpson-Orville Co., Cincinnati, O.

9193—Static Electric Machines

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Knott L. E. Apparatus Co. ("Knotts," Gear Driven), 79 Amherst, Cambridge, Mass.
McElliott D. P., 175 N State, Chicago, Ill.
Moore Bros. Lightning Rod Co., Maryville, Mo.
National-Standard Co., Box 211, Niles, Mich.
Waite & Bartlett Mfg. Co., ("Ranney"), 53 Jackson av, Long Island City, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9194—Stave Cutting Machines

Rochester Barrel Mach. Wks, Rochester, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

9195—Stave Equalizing Machines

Oram Jno. S. Co., 1316 E 53d, Cleveland, O.
Rochester Barrel Machine Works, Rochester, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

9196—Stave Jointing Machines

American Sawmill Machinery Co., Hackettstown, N. J.
Fischer Machine Works (Band Saw), 1845 Carroll av, Chicago, Ill.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Manning Maxwell & Moore Inc., Putnam Machine Works, Fitchburg, Mass.
Oram Jno. S. Co., 1316 E 53d, Cleveland, O.
Rochester Barrel Machine Works ("Widdowson," "Greenwood"), Rochester, N. Y.
Strait H. N. Mfg. Co., Kansas City, Kans.
Trevor Mfg. Co., Lockport, N. Y.
Wheland Co., Chattanooga, Tenn.

9197—Stave Rejointing Machines

Lange Machine Works, Aurora, Ill.
Stamm Machine Works, Aurora, Ind.
Trevor Mfg. Co., Lockport, N. Y.

9198—Stave Sawing Machines

American Sawmill Machinery Co., Hackettstown, N. J.
Rochester Barrel Mach. Wks, Rochester, N. Y.
Whitney Baxter D. & Son, Winchendon, Mass.

Stave & Heading Machinery

See Barrel, Keg, Stave & Heading Machinery

9199—Staybolt Threading Machines

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Foote-Burt Co. ("Reliance"), 4101 St. Clair av, Cleveland, O.
Harrington Edwin Son & Co., 17th & Callowhill, Phila, Pa.
Landis Machine Co., Waynesboro, Pa.

9200—Staying Machines (Automatic)

Kingsbury & Davis Machine Co., (Quadruple), Contoocook, N. H.
National Metal Edge Box Co. (For Setting up Paper Boxes with Metal Stay), 1217 Callowhill, Phila., Pa.

9201—Steaming Machines (Clay)

Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio. *See adv index at end of book*

9202—Stencil Cutting Machines

Alexander W. H., 42 Warren, New York
Bradley A. J. Mfg. Co., 101 Beekman, New York *See adv index at end of book*
Bradley Stencil Machine Co., 3745 Forest Park blvd, St. Louis, Mo.
Diagraph Stencil Machine Corp., 9th and Clinton, St. Louis, Mo.
Diagraph Co., 2121 N. 9th, St. Louis, Mo.
Ideal Stencil Machine Co., Belleville, Ill.
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.

9203— Stereotype Machinery

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

9204-5—Sterilizing & Disinfecting Machines (Clothes)

Hospital Supply Co., 153 E 23d, New York
Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.

9206—Stone Channeling Machines

Bedford Foundry & Machine Co. (Electric), Bedford, Ind.
Ingersoll-Rand Co., (Steam or Air, Bar, Track & Undercutting), 11 B'way, New York. *See adv index at end of book*
New Albany Machine Mfg. Co. ("Wardwell"), New Albany, Ind.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

9207—Stone Channeling Machines (Steam, Air & Electric-Air)

INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*

Stone Crushing Machinery

See Crushers, Rock & Ore

9208—Stone Cutting Machinery

Lincoln Iron Works, Rutland, Vt.
St. Cloud Iron Works Co., St. Cloud, Minn.

9209—Stone Gadder or Drilling Machines

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

9210—Stone Gang Sawing Machines

Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Glover Machine Works (For Marble, etc.), Marietta, Ga.
Hinds Thomas Co., Malone, N. Y.
Lincoln Iron Works ("Merriman" Screw Feed, etc.), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Ruggles Machine Co., Poultney, Vt.
Savage, W. J. Co. (Marble), Knoxville, Tenn.

9211—Stone Polishing Machinery

Anderson W. H. Tool & Supply Co., Brush and Macomb, Detroit, Mich.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Concord Axle Co., ("Jenny Lind"), Penacook, N. H.
Cooley-Wright Mfg. Co., (Buffers, Ironing Wheels, etc.), Waterbury, Vt.
Elec. Rotary Mach Co. ("Electric Rotary Machines," Also Marble), 32 S Clinton, Chicago, Ill.
Granite City Iron Works Co. ("Minnesota"), St. Cloud, Minn.
Harrison Supply Co., 209 Washington, Boston, Mass.
Hinds, Thos. Co., Malone, N. Y.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Lincoln Iron Works, Rutland, Vt.
Meyers W. F. Co., Bedford, Ind.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila, Pa.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
St. Cloud Iron Works Co., ("Jenny Lind" & Column Polishers), St. Cloud, Minn.
Smith, Whitcomb & Cook Co., Barre, Vt.
Withers Foundry & Machine Co., Atlanta, Ga.

9212—Stone Sawing Machines

Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Farrel Fdry & Machine Co., Ansonia, Conn.
Frenier & Son, Rutland, Vt.
Hawley E. J. & C. H., Manchester, Vt.
Hinds Thos. Co., Malone, N. Y.
Lincoln Iron Works (Also Circular Sawing), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., (Also Circular Sawing), Rutland, Vt.
Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.
Seward & Co., Bloomington, Ind.
Walton P. M., 1019 Gtn. av, Phila., Pa.
Wegner Machine Works, 63 Mills, Long Island City, N. Y.

9213—Stone Sifting Machines

Clark & Mills Electric Co., Cambridge, Mass.

Stone Surfacing Machines

See Pneumatic Stone Surfacing Machines

9214—Stone Working Machinery

Anderson Geo. & Co. (Ltd.), 420 Ogden, Newark, N. J.
Anderson W. H. Tool & Supply Co., Brush and Macomb, Detroit, Mich.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Brandell Co. (All Automatic Power Concrete Stone Working), Union Central Tower, Cincinnati, O.
Cooley-Wright Mfg. Co. (Buffers, Ironing Wheels, Polishing Machines, etc.), Waterbury, Vt.
Dallett Thos. H. Co. ("Dallett" Pneumatic), 1324 Federal, H, Philadelphia, Pa.
Farrel Foundry & Machine Co. (Planers), Ansonia, Conn.
Flory S. Mfg. Co., Bangor, Pa.
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Glover Machine Works (Gang Saws & Rubbing Beds for Marble), Marietta, Ga.
Hawley E. J. & C. H., Manchester, Vt.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Lincoln Iron Works, Rutland, Vt.
Meyers W. F. Co., Bedford, Ind.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. (For Soft Stone, such as Slate, Soap & Sandstone), Poultney, Vt.
St. Cloud Iron Works Co., St. Cloud, Minn.
Seward & Co., Bloomington, Ind.
Smith, Whitcomb & Cook Co., Barre, Vt.
Ty-Sa-Man Machine Co. (Marble), Knoxville, Tenn.
Wegner Machine Works (Coping & Moulding Machines, etc), 63 Mills, Long Island City, N. Y.

9215—Stove Pipe & Elbow Machines

Hemp & Co. ("Lightning"), Vandeventer, nr Shaw, St. Louis, Mo.

Straightening Machines

See Index of Contents for Specific Kind Required

9215a—Straighting Knife Blade Machines

Luther Mfg. Co., Olean, N. Y.

9216—Straightening Machines for Bars, Squares, Flats, Etc.

ABRAMSEN ENGINEERING CO., Pittsburgh, Pa.
Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

9217— Stranding Machines

New England Machinery Co., New Haven, Conn.
Torrington Mfg. Co., Torrington, Conn.
Watson Machine Co., Paterson, N. J.

9218—Strawboard Lining Machines

Beloit Iron Works, Beloit, Wis.
Hobbs Mfg. Co., Worcester, Mass.

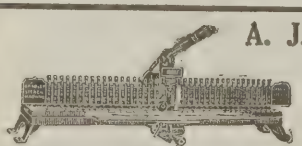
9219—Street Flushing Machines

Hvass Chas. & Co., 511 E 18th, New York
Kindling Machine Co. ("Kindling," Sprinkler, Sweep & Flusher Combined), Milwaukee, Wis.
O'Neil T. L. ("O. I. C.," "Economy"), Marseilles, Ill.
Sanitary Street Flushing Machine Co., 508 Biddle, St. Louis, Mo.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.

9220—Street Railway Sweeping Machines

See also Plows, Snow

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Consolidated Car Fender Co. ("Campbell"), Vale, Providence, R. I.
Good Roads Machinery Co., Kenneth Sq., Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.


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9221—Street Sweeping Machines

Abbott Downing Truck & Body Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
Austin Mfg. Co., 910 S Mich av, Chicago, Ill.
Elgin Street Sweeper Co. (Motor), Elgin, Ill.
Etnyre E. D. & Co., Oregon, Ill.
Good Roads Machinery Co., Kennett Square, Pa.
Hvass C. & Co., 509 E 18th, New York
Studebaker Corp., South Bend, Ind.
Universal Road Mach'y Co. ("Reliance"), Kingston, N. Y.

9222—Stretching Machines (Sheet Metal Plate)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9223—Stretching Machines (Skein)

Knapp Chas. H., Paterson, N. J.

9224— Striking Machines

Herschell-Spillman Co. (For Parks & Pleasure Grounds), North Tonawanda, N. Y.

9225— String Bean Machinery

Huntley Mfg. Co. ("Monitor," Cutters, etc.), Silver Creek, N. Y.
Invincible Grain Cleaner Co. (For Canners), Silver Creek, N. Y.
Lewis E. J. ("Lewis" Cutting for Canners), Middleport, N. Y.

9226— Stripping Plate Machines

Osborn Mfg. Co. (Hand & Power Heavy Duty), 5401 Hamilton av, Cleveland, O.

9227— Stucco Machinery

Butterworth & Lowe, Grand Rapids, Mich.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kansas
Hodges Stucco Mach. Wks. (Electric), 3618 Coleraine, Cincinnati, O.
McDonnell Boiler & Iron Works, Des Moines, Ia.

9227a— Sugar Machinery

Consult also Index of Contents for Specific Article Desired

Birmingham Mach. & Foundry Co. (Evaporators, etc.), 3700H 10th, Birmingham, Ala.
Du Vivier Ernest H. (Imp); 30 Church, New York.
DUNCAN STEWART & CO. LTD. Export Dept., 43 Cedar, New York
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Harry Bros Co. (Coolers & Dust Collectors), Carrollton & I. C. R. R., New Orleans, La.
Southwark Foundry & Machine Co., 1128 S 4th, Philadelphia, Pa.
Squier Geo. L. Mfg. Co., Broadway and Mortimer, Buffalo, N. Y.
Sugar Machinery Co. (Automatic Spray Sugar Washer), Higgins bldg, Los Angeles, Cal.
Von Phil Gilbert O., Hibernia Bank bldg, New Orleans, La.
Whitney Iron Works Co., 849H Tchoupitculas, New Orleans, La.

9228—Sulphite Fibre Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Carthage Machine Co., Carthage, N. Y.

9229— Sulphur Machines

Hassell Iron Works Co., Colorado Springs, Col.
Krajewski-Pesant Corp., 50 Broad, New York

9230—Sulphuric Acid Machinery

Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.

9231— Suppository Machines

Colton Arthur Co. (Cold Compressed), 2600H E Jefferson, Detroit, Mich.
Stokes F. J. Machine Co. ("Clark" Rotary, Phila., Pa.

9232— Swaging Machines

Etna Machine Co. (Cold), Toledo, O.
Langelier Mfg. Co. (Cold & Hot Swaging, Hammering, Wire Wheel Spoke Swaging Machines), Arlington, Providence, R. I.
Standard Machinery Co. (Rotary), Providence, R. I.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("The Dayton"), Torrington, Conn. *See adv index at end of book*
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9233— Swedging Machines

Canton Foundry & Machine Co. "Universal" (Power, for Swedging Ends of Conductor Pipe), Canton, O.
Mac Leod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

9234—Syrup Filling Machines (Canners')

Fulton Engine Works, 1000 Alhambra, Los Angeles, Cal.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

9235— Syruping Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stickney Henry R., Portland, Me.

9236—Tablet Counting & Boxing Machines

Fowler Bottling Machine Co., 124 White, New York

9237— Tablet Machines

See also Pill Making Machines

Colton Arthur Co., 2600H E Jefferson Detroit, Mich.
Hess & Barker ("Richard's" Universal Automatic), 618 Chestnut, Phila., Pa.
Mulford H. K. Co., 428 S 13th, Phila., Pa.
Stokes F. J. Machine Co., 17th & Cambria, etc), 17th & Cambria, Phila., Pa.

9238— Tabulating Machines

Computing Tabulating Recording Co., 50 Broad, New York
Powers Accounting Machine Co., 50 Church, New York
Tabulating Machine Co. ("Hollerith"), 50 Broad, New York

9239— Tack Machinery

Kimball Bros. & Sprague, Brockton, Mass.
Miller's H. J. Sons, Bridgewater, Mass.
Mulford H. K. Co., 640 N Broad, Philadelphia, Pa.
Perkins Henry Co. ("Improved Perkins"), Bridgewater, Mass.
SLEEPER & HARTLEY, INC., (Double-Point), 335 Chandler, Worcester, Mass. *See adv index at end of book*

9240—Tack Pulling Machines

United Shoe Machinery Co. (For Shoes), 205 Lincoln, Boston, Mass.

9241— Tag Machinery

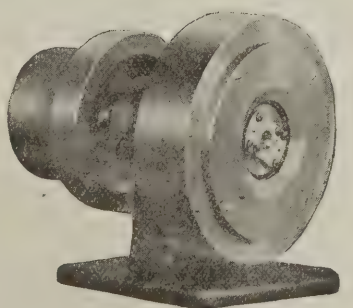
American Mach,. Co. ("Denney") Newark, Del.
EVEREADY MFG. CO. OF BOSTON (For Making and Affixing Price Tags), 9 Knapp, Boston, Mass. *See adv index at end of book*
Swift Geo. W., Jr., Bordenstown, N. J.

9242-3—Tag Stringing Machines

Hobbs Mfg. Co., Worcester, Mass.

9244— Talking Machines

Acme Engineering & Mfg. Co., 355 Union Park Ct, Chicago, Ill.
Aeolian Co., 29 W 42d, New York
Am. Cabinet Mfg. Co., Newport News, Va.
American Graphophone Co., Bridgeport, Conn.
American Phonograph Co., 322 E 23d, New York
Arion Mfg. Co., Boston, Mass.
Burnham Phonograph Mfg. Co., 1929 S Los Angeles, Cal.
Brunswick Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Burrowes E. T. Co. ("Burrowes"), Portland, Me.
Carola Co., 118 Noble ct, Cleveland, O.
Cheney Talking Machine Co., 1107 B'way, New York
Columbia Graphophone Co. ("Dictaphone"), 233 B'way, New York
Crescent Talking Machine Co., 109 Reade, New York
Decker Moulding & Mfg. Co., 9th and Monroe, St. Louis, Mo.
Domestic Talking Machine Co., 33d & Arch, Philadelphia, Pa.
Eagle Talking Machine Co., 75 Fulton, New York
Edison Thomas A. ("Edison Phonographs"), Orange, N. J.
Emerson Phonograph Co., 3 W 35th, New York
Flemish Lynn Phonograph Co., 269 37th, Brooklyn, N. Y.
General Phonograph Mfg. Co. ("Baby Toy" Phonographs & "Garford Model E," "Vanophone"), Elyria, O.
Klingsor Talking Machine Co., 415 Armour, Chicago, Ill.
Koehler & Hinrichs, St. Paul, Minn.
Lorimer Mfg. Co., Troy, O.
Lyraphone Co. of Am., 12 W 37th, New York
McCoy P. J. & Co., Inc. ("Orpheus"), 70 Ferry, Newark, N. J.
Mandel Mfg. Co., 501 S Laflin, Chicago, Ill.
Maybro Co. ("Maybro"), 30H Exchange, Binghamton, N. Y.
Melophone Talking Machine Co., 376 Lafayette, New York
Milwaukee Talking Machine Co., 241 E Water, Milwaukee, Wis.
Mozart Talking Machine Co., 1432 N 20th, St. Louis, Mo.
Music Table Co., Greenfield, Ohio
Natural Voice Phonograph Co., Inc. ("Natural Voice"), Oneida, N. Y.
Novitas Sales Co. ("Novitas"), Waltham, Mass.
Passow & Sons, 2101 S Allport, Chicago, Ill.
Pathe Freres Phono Co., 18 E 42d, New York
Peters & Herron Co., 2016 S High, Columbus, Ohio.
Phelps Factories ("Mastertone"), Columbus, Ohio
Plaza Music Co. (Supertone), 10 W 20th, New York



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Schulz M. Co. ("Magnola"), 711 Milwaukee av, Chicago, Ill.
Sonora Phonograph Corp., 279 B'way, New York
Steger & Sons Piano Manfg. Co., 238 S Wabash av, Chicago, Ill.
Stewart Phonograph Corp. ("Stewart's"), 4535 Fullerton av, Chicago, Ill.
Supertone Talking Machine Co.,18 W 20th, New York
Thomas Mfg. Co., Dayton, O.
United Music Stores ("United"), 619H Cherry, Philadelphia, Pa.
United Phonographs Corp., Sheboygan, Wis.
Victor Talking Machine Co., Camden, N. J.
Vita-nola Talking Machine Co., 501 W 35th. Chicago, Ill.
Weser Bros., Inc., 524 W 43d, New York
Williams Piano & Organ Co., 14 W Washington, Chicago, Ill.
Wing & Co., 9th av & 13th, New York
Wonder Talking Machine Co., 105 E 12th, New York
Wondertone Phonograph Co. ("Wondertone"), 19 W Jackson blvd, Chicago, Ill.

9245-6-7—Tamale Making Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

9248-9— Tannery Machinery

American Tool & Machine Co. (Belt Knife Splitting Machines), 10 High, Boston, Mass.
Associated Tanners Machinery Co., 424 Essex, Salem, Mass.
Aulson, J. W. & Sons, Waukegan, Ill.
Baker G. W. Machine Co., Wilmington, Del.
Caldwell W. E. Co., Louisville, Ky.
Carley Heater Co., Olean, N. Y.
Dennis John Machine Co., Lowell, Mass.
Grainger & Co., Louisville, Ky.
Hemingway Machine Co., Lynn, Mass.
Hide & Leather Working Machine Co. 4215 Meinecke av, Milwaukee, Wis.
Hutchinson Leather Machine Co., Winchester, Mass.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Munkwitz Edw. H. Co., 159 Muskego av, Milwaukee, Wis.
Myers Machine Co., Sheboygan, Wis.
Myrick Machine Co., Olean, N. Y.
Ruhe Carleton Co., Olean, N. Y.
Shapley & Wells, Binghamton, N. Y.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Smith's Jno. E. Sons Co. (Steam Jacket Kettles, Stuffing Mixers, Rendering Tanks, etc), Buffalo, N. Y.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machine Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.
Woburn Machine Co., Woburn, Mass.

9250—Taper Rolling Machines

Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Williams White & Co. (For Tapering or Forging Shapes), Moline, Ill.

9251—Taper Threading Machines

Acme Machinery Co., 4533 St. Clair, av, Cleveland, O.
Landis Machine Co., Waynesboro, Pa.

9252—Taper Tube Spinning Machines

Langelier Mfg. Co., Arlington, Providence, R. I.

9253— Tapping Machines

See also Nut Tapping Machines; also Tapping Machines for Gas & Water Mains

Allen Machine Co., 1585 Columbus rd, Cleveland, O.
Anderson Die Machine Co. ("Anderson," Vertical-Spindle), 544 Iranistan av, Bridgeport, Conn.
Baker Bros. (For Pipe Flanges, Fittings, Tees, Crosses, etc), Toledo, O.
Barnes Drill Co., Rockford, Ill.
Baush Machine Tool Co., Springfield, Mass.
Bicknell-Thomas Co. ("Bicknell-Thomas"), Greenfield, Mass.
Burke Machine Tool Co., Conneaut, O.
Cleveland Specialty & Mfg. Co., Cleveland, O.
Colburn Mach. Tool Co., 1024H Ivanhoe rd, Cleveland, O.
Evans Stamping & Plating Co. ("Tuttle" Vertical), Taunton, Mass.
Garvin Machine Co. (Vertical, Horizontal & Automatic, etc), 147 Varick, New York
Harris Engineering Co. ("H. G. H."), Bridgeport, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Hays Mfg. Co., Erie, Pa.
Hub Machine Welding & Contracting Co. ("Acme," Hand), 450 N 12th, Phila., Pa.
Hubbell Harvey, Bridgeport, Conn.
International Machine Tool Co., Society for Savings bldg., Cleveland, O.
Manville E. J. Machine Co., Waterbury, Conn.
Mueller H. Mfg. Co. Dept. H, Decatur, Ill.
National Automatic Tool Co. ("Natco"), Richmond, Ind.
Partridge E. O., 2039 W Lake, Chicago, Ill.
Peter Bros. Mfg. Co., Algonquin, Ill.
Pratt & Whitney Co., Hartford, Conn.
Quint A. D., Hartford, Conn.
Rickert-Shafer Co. (Horizontal & Vertical), Erie, Pa.
Smith A. P. Mfg. Co., E Orange, N. J.
St. Louis Machine Tool Co. (For Small Parts), 922 Loughborough, St. Louis, Mo.
Stark Tool Co. (Small), Waltham, Mass.
United Engineering & Foundry Co. (For Tube Mills), Farmers Bk. bldg, Pittsburgh, Pa.

9254—Tapping Machines (Automatic)

Elgin Tool Works, Elgin, Ill.
Williams White Co. (For Pipe Fitting), Moline, Ill.

9255—Tapping Machines (Bench)

Bicknell-Thomas Co. ("Bicknell-Thomas" Horizontal & Vertical), Greenfield, Mass.
Elgin Tool Works, Elgin, Ill.
Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.
Partridge E. O., 2039 W Lake, Chicago, Ill.
Rickert-Shafer Co., Erie, Pa.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stewart S. A. & Co., Waltham, Mass.

9256—Tapping Machines (Dry Pipe)

Hays Mfg. Co., Erie, Pa.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
Mueller H. Mfg. Co., Decatur, Ill.

9257—Tapping Machines (Gas & Water Main)

Hadesty J. M. & Son, Tamaqua, Pa.
Hays Mfg. Co. ("Original-Payne's"), Erie, Pa.
Lennox Machine Co. (For Tapping Water Mains Under Pressure), 2558 W 16th, Chicago, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Pottstown Machine Co. (Automatic Vertical for Pipe Fittings), Pottstown, Pa.
Saunders D. Sons, Yonkers, N. Y.
Smith A. P. Mfg. Co. ("Smith"), East Orange, N. J.
Walworth Mfg Co, Boston, Mass

9258—Tapping Machines (Horizontal)

Pratt & Whitney Co, Hartford, Conn.
Rickert-Shafer Co., Erie, Pa.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

9259—Tapping Machines (Multiple)

Williams, White & Co. (For Pipe Fittings), Moline, Ill.

Tapping Machines (Nut)

See Nut Tapping Machines

9260—Tapping Machines (Pipe-Socket)

Saunders' D. Sons, Yonkers, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Tapping & Reaming Machines (Pneumatic)

See Pneumatic Hammers

9261—Tapping & Reaming Machines (Portable)

GEM MFG. CO. ("Gem," for use with Flexible Shafts), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
Stow Mfg. Co. Inc., Binghamton, N. Y.
See adv index at end of book

9262—Tapping & Threading Machines

Jencks H. F. Co. (For Operating Taps and Dies), Pawtucket, R. I.
Rickert-Shafer Co., Erie, Pa.

9263—Telephone Core Machines

Watson Machine Co., Paterson, N. J.

Tenoning Machines

See Wood Tenoning Machines

9263a—*Tension Testing Machines

Elmes Chas. F. Engineering Works, Cor. Fulton and Sangamon, Chicago, Ill.
See adv index at end of book

9264—Terra Cotta Machinery

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Hadfield-Penfield Steel Co. (The), Bucyrus, Ohio. *See adv index at end of book*
Ivens Wm. H. Sons Co. (Rubbing Beds & Surface Grinders), P. O. Box 647, Trenton, N. J.

9265—Test Hole Drilling Machines

Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Loomis Machine Co. (For Foundations, Test Holes, Blast Holes, etc), Tiffin, O.

9266— Testing Machines

Buffalo Scale Co. (Testing up to 5,000 lbs.), 1205 Niagara, Buffalo, N. Y.
CROSBY STEAM GAGE & VALVE CO. (Gauge, "Flint Pressure Scale" up to 25,000), 40 Central, Boston, Mass.
Ford Meter Box Co., Wabash, Ind.
Gries Bros., 450 E 148th, New York
HOLZ & CO. INC., 18 Madison av, New York *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Sawveur & Boylston ("Charpy," "Impact," "Brinell" Hardness), Cambridge, Mass.
Scientific Materials Co. (Metal), 717H Forbes, Pittsburgh, Pa.
SHORE INSTRUMENT & MFG. CO., THE (For Testing Strength & Hardness of Materials), Jamaica, N. Y.
Smith A. P. Mfg. Co., East Orange, N. J.
Star Brass Mfg. Co. ("Star" Dead Weight Gauge), 53 Oliver, Boston, Mass.
Whiting Foundry Equipment Co., 157th & Halsted, Chicago, Ill.

9267-8—Testing Machines (Anchor)

Holz & Co. Inc., 18 Madison av, New York
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9269—Testing Machines (Belt)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9270—Testing Machines (Boiler)

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book

9271—Testing Machines (Brick)

Hadfield-Penfield Steel Co. The, Bucyrus, Ohio. *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Strait H. N. Mfg. Co., Kansas City, Kansas

9272—Testing Machines (Can)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Ayars Machine Co., Salem, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn.
See adv index at end of book
Lewis E. J., Middleport, N. Y.
McDonald Machine Co. (Automatic), 3207 Shields av, Chicago, Ill.
Premier Machinery Co., Oakland, Cal.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stecher Chas. Co., 2301 Knox av, Chicago, Ill.
Stevenson & Co. ("Mann-Stevenson" Automatic), 607 S Caroline, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.
Wold, Torris & Co. (Automatic), 240 N Ashland av, Chicago, Ill.

9273-4—Testing Machines (Car Wheel)

Whiting Foundry Equipment Co., 157th & Halsted, Chicago, Ill.

9275—Testing Machines (Cement)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Bausch & Lomb Optical Co. (Instruments), Rochester, N. Y.
Clark & Mills Electric Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.
Eimer & Amend, 205 3d av, New York
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Holz & Co. Inc., 18 Madison av, New York *See adv index at end of book*
International Instrument Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9276—Testing Machines (Chain)

Holz & Co. Inc., 18 Madison av, New York *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9277-8—Testing Machines (Concrete)

Holz & Co. Inc., 18 Madison av, New York *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Premier Machinery Co., Oakland, Cal.

9279—Testing Machines (Fruit Can)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

9280—Testing Machines (Hardness)

Gries Bros., 450 E 148th, New York
Holz & Co., Inc. ("Brinell" & Meters), 18 Madison av, New York *See adv index at end of book*

For Hardness Tests:
THE STANDARD BRINELL TESTING MACHINE
Manufactured by
HOLZ & CO., Inc.
18 Madison Avenue NEW YORK

Olsen Tinius Testing Machine Co. (Lever, Hydraulic & Bench), 500 N 12th, Phila., Pa.
Pittsburgh Instrument & Machine Co. ("Brinnell"), 236 3d av, Pittsburgh, Pa.
Sawveur & Boylston ("Brinell"), Cambridge, Mass.
SHORE INSTRUMENT & MFG. CO., THE (Scleroscope), Jamaica, N. Y.
Wilson-Marulen Co. (Hardness "Rockwell"), 383 Concord av, New York

9281—Testing Machines (Hosiery Fabric)

Perkins B. F. & Son, Holyoke, Mass.

9282—Testing Machines (Hydraulic)

Holz & Co., Inc., 18 Madison av., New York *See adv index at end of book*
Knapp C. H. (For Cloth, Paper, etc), Paterson, N. J.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

9283—Testing Machines (Leather)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9283a—*Testing Machines (Metal)

Holz & Co., Inc., 18 Madison av., New York *See adv index at end of book*
Scientific Materials Co., 717H Forbes, Pittsburgh, Pa.
SHORE INSTRUMENT & MFG. CO., THE, Jamaica, N. Y.

9284—Testing Machines (Oil)

Holz & Co. Inc., 18 Madison av, New York *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9285—Testing Machines (Paper)

See also Testers, Paper

Ashcroft Mfg. Co., 119 W 40th, New York
Thwing Instrument Co., 3339 Lancaster av, Philadelphia, Pa.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9286—Testing Machines (Pipe)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.
United Engineering & Foundry Co. (For 2 to 12 Inch Pipe), Farmers Bk. bldg, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

9287—Testing Machines (Power)

HOLZ & CO., INC., 18 Madison av, New York. *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9288—Testing Machines (Rubber)

Hartford Special Machinery Co. (Dynamometers), Hartford, Conn.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Pusey & Jones Co. ("Plastometer"), Wilmington, Del.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
SHORE INSTRUMENT & MFG. CO., Jamaica, N. Y.

9289—Testing Machines (Sink & Float)

Penna. Crusher Co. ("Delamater"), Stephen Girard bldg, Phila., Pa.

9290—Testing Machines (Spring)

Evans' J. Sons, 506 N 13th, Phila., Pa.
Holz & Co. Inc., 18 Madison av, New York *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Ryerson Joseph T. & Son (Hydraulic), 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y. *See adv index at end of book*

9291—Testing Machines (Steel)

Bidle W. S. Co., 1411 E 45th, Cleveland, O.
Gries Bros., 450 E 148th, New York
HOLZ & CO., INC., 18 Madison av, New York. *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehler Bros. Testing Machine Co., Phila., Pa.

9292—Testing Machines (Stone)

Clark & Mills Electric Co., Cambridge, Mass.
International Instrument Co., Cambridge, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Testing Machines (Textile)

See Testing Machines, Cloth; also Testing Machines, Yarn

9293-4—Testing Machine (Traction)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Testing Machines (Water Meter)

See Testers, Water Meter

9295—Testing Machines (Wire)

Holz & Co., Inc., 18 Madison av., New York *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

Textile Machinery

See Specific Article Wanted

9296—Thermometer Dividing Machines

Burr Co., Champaign, Ill.

9296a—Thread Board (Steel)

Houghton L. T., Worcester, Mass.

9296b—Thread Grinding Machinery

Am. Thread Grinding Machine Co., 151 E 126th, New York
Harris Engineering Co., 1047H Broad, Bridgeport, Conn.
Precision & Thread Grinder Mfg. Co., 21st & Market, Phila., Pa.

9297—Thread Rolling Machines

Acme Machinery Co. (Rotary), 4533 St. Clair av, Cleveland, O.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Manville E. J. Mach. Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co. (Reciprocating), Waterbury, Conn.

9298—Threading Machines (Bicycle Spoke)

Goodell-Pratt Co., Greenfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.

9299-300—Threading Machines (Metal)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Threshing Machinery

See Threshers

9301—Thumbhole Cutting Machines

Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.
Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Ticket Cancelling Machines

See Cancelling Machines

9302—Tie Dowelling Machines

Greenlee Bros. & Co., Rockford, Ill.

9303—Tiering Machines (Portable)

Brown Portable Conveying Machy Co. ("Handilift" hand operated vertical and "Motolift" power driven vertical), 10 S La Salle, Chicago, Ill.
Economy Engineering Co., 415 S Washtenaw av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Minnich Machine Works, Landisville, Pa.
Revolvator Co. (Hand Operated, Motor Operated, Combination Hand or Motor), 395 Garfield, Jersey City, N. J. *See adv index at end of book*

9304—Tile Making Machines

See also Drain Tile Machinery

Automatic Tile Machine Co., Cincinnati
Crossley Machine Co. (Floor & Wall Tile), State & Chestnut av, Trenton, N. J.
Hetherington & Berner (Encaustic Ceramic), Indianapolis, Ind.
Mueller Machine Co., Trenton, N. J.
Patterson Fdry. & Mach. Co., E. Liverpool, O.

9305— Tile Sizing Machines

Automatic Tile Machine Co., Cincinnati, O.
Lincoln Iron Works, Rutland, Vt.

Timber Dressing Machines

See Wood Surfacing Machines

9306—Timber Framing Machines

Denver Engineering Works Co. (Single End), Denver, Col.

9307—Timber Gaining Machines

Fay J. A. & Egan Co., Cincinnati, O.

9308—Timber Preserving Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Timber Sizing Machines

See **Planing & Matching Machines**

9309— Tin Can Machinery

See Can Makers' Machinery; also Sheet Metal Workers' Machines & Tools
Fulton Engine Wks., 1000 Alhambra, Los Angeles, Cal.

9310— Tin Foil Machinery

Birmingham Iron Foundry, Derby, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9311—Tin Mounting Machines

U. S. Finishing & Mfg. Co., 216 N Clinton, Chicago, Ill.

9312—Tin Plate Lacquering & Varnishing Machines

Ohl Geo. A. & Co. (For Coating Tin, Iron, Metal, Cardboard, etc.), 159 Oraton, Newark, N. J.

9313—Tin Plate Mill Machinery

See also Rolling Mill Machinery, Etc.

AETNA FOUNDRY & MACHINE CO., Warren, O. *See adv index at end of book*
Anderson Foundry & Machine Works, (Pickling & Tinning Machines, Branners, Dusters, etc.), Anderson, Ind.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

TIN PLATE MILL MACHINERY—cont.
Swindell Wm. C. & Bro., Jenkins Arcade bldg, Pittsburgh, Pa.
United Engineering & Foundry Co. Farmers Bk. bldg, Pittsburgh, Pa.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

9314-5—Tinners' Grooving Machines
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.

Tinners' Tools & Machinery
See Sheet Metal Workers' Machines & Tools

9316—*Tinware Making Machinery (Pierced & Seamless)
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9317—Tipping Machines (Corset & Shoe Lace)
Franklin Machine Co. ("Franklin" Power), 1 Park, Providence, R. I.
See adv index at end of book
Luther C. A. & Co. ("Dawson"), Pawtucket, R. I.
Norden S. & Co., 150 S Water, Providence, R. I.
Union Metal Goods Co. (Shoe Lace), Pawtucket, R. I.

9318-9—Tire Applying Machines
Lourie Mfg. Co. (Presses), Springfield, Ill.
Nelson & Le Moon, 849 N Kedzie av, Chicago, Ill.

9320-1— Tire Rolling Machines
Williams, White & Co., Moline, Ill.

Tire Setting Machines
See Setters, Tire

9322—Tire Welding Machines
Kane & Rosch, Syracuse, N. Y.
Long & Allstatter Co., Hamilton, O
MacLeod Co., 2227 Bogen Cincinnati, O.
See adv index at end of book
Williams, White & Co., Moline, Ill.

9323—Tissue Paper Machines
Beloit Iron Works ("Yankee," Cylinder), Beloit, Wis.

9324—Tobacco Box (Tin) Machinery
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9325—Tobacco Cleaning & Separating Machines
Cardwell Mach. Co. (Stem), 1900 E Cary, Richmond, Va.

9326—Tobacco Cutting Machines
See also Cutters, Tobacco
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.
Buckeye Iron & Brass Works ("Pease"), Dayton, O.
Cardwell Machine Co. (Power), 1900 E Cary, Richmond, Va.
Comas Machine Co., Salem, Va.
Himoff Machine Co., Mills, Astoria, L. I., N. Y.
Ludington Cigarette Mach. Co., Waterbury, Conn.

9327—Tobacco Farming Machinery
Belcher & Taylor Agricultural Tool Co. Ridgers), Chicopee Falls, Mass.
Nagley Mfg. Co. (Spears), Lyons, N. Y.

9328—Tobacco Granulating Machines
Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Comas Machine Co., Salem, Va.

9329—Tobacco Hoeing Machines
Allen S. L. & Co., 5th & Glenwood, Phila., Pa.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Madison Plow Co., Madison, Wis.

9330—Tobacco Hogshead Machines
Gilmour Hogshead Mach. Co., Owensboro, Ky.

9331—Tobacco Knife Grinding Machines
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Diamond Machine Co. ("Diamond"), Providence, R. I.

9332— Tobacco Machinery
Abbe Engineering Co. (Pulverizers), 50G Church, New York
See adv index at end of book
Adt Jno. B. Co. (Granulators, Separators, Cutters, Dryers, Coolers, Stem Rollers & Packers), 340 N Holliday, Baltimore, Md.
American Machine & Foundry Co. (Packing & Weighing, Scrap Packer & Weigher, Plug Wrapping & Banding), 5520 2d av, Brooklyn, N. Y.
Appomattox Iron Works & Supply Co., Petersburg, Va.
Automatic Packing & Labeling Co., 5520 2d av, Brooklyn, N. Y.
Cardwell Machine Co. (Granulators, Pickers, Dryers, Cutters, Shapes or Moulds & Casing Machines), 1900 E Cary, Richmond, Va.
Grote F. Mfg. Co. (Hydraulic) & Electric Presses), Evansville, Ind.
International Cigar Machinery Co., 5520 2d av, Brooklyn, N. Y.
Ludington Cigarette Mach. Co., Waterbury, Conn.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
Miller, DuBrul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
Proctor & Schwartz, Inc. ("Proctor" Automatic Dryers, Coolers, Orders & Softeners, etc), 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
Ripley Foundry & Machine Co. ("Parker," Portable Presses, Steamers, Stationary, etc), Ripley, O.
Standard Tobacco Stemmer Co., 5520 2d av, Brooklyn, N. Y.
Titus E. E., Petersburg, Va.
Westbrook Elevator Mfg. Co., Danville, Va.

9333—Tobacco Scrap Cutting Machines
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Miller, DuBrul & Peters Mfg. Co. ("DuBrul," "Picadura"), 507 E Pearl, Cincinnati, O.

9334—Tobacco Stem Flattening Machines
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Comas Machine Co., Salem, Va.
Himoff Machine Co., 50 Church, New York

9335—Tobacco Stemming Machines
American Machine & Foundry Co. ("Standard"), 5520 2d av, Brooklyn, N. Y.

9335a—Tobacco Wringing Machines
American Wringer Co., 99 Chambers, New York
Cardwell Machine Co., 1900 E Cary, Richmond, Va.

9336—Toilet Paper Machines
Dietz Machine Works (Sitting, Perforating, Rewinding), 126 Fontaine, Phila., Pa.
Kidder Press Co. (Slitting, Perforating & Rewinding), Dover, N. H.

9337— Toilet Pin Machinery
Baird Machine Co. (Automatic), Bridgeport, Conn.

9338—Toilet Soap Machinery
Rutschman Oscar F., 1906 E Westmoreland, Phila., Pa.

Tomato Can Filling Machines
See Can Filling Machines

9339—*Tomato Canners' Machinery
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Premier Machinery Co., Oakland, Cal.

9340—Tomato Crushing, Pulping & Finishing Machines
Premier Machinery Co., Oakland, Cal.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago Ill.

9341-2—Tomato Transplanting Machines
Case J. I. Plow Works, Racine, Wis.
Premier Machinery Co., Oakland, Cal.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

9343—Tow Mill Machinery
New Winona Mfg. Co. ("Diamond"), Winona, Minn.

9344—Trace Trimming Machines
Campbell-Bosworth Machine Co. ("Boston" Automatic), 205 Lincoln, Boston, Mass.

9345—Trade Marking Machinery
Parks & Woolson Machine Co. (Cloth), Springfield, Vt.

9346-7—Transfer Issuing Machines
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Ohmer Fare Register Co., Dayton, O.

Trench Machines
See Sewer & Trench Excavating Machines

9348— Trunk Machinery
Defiance Machine Works (Slat Planers, etc.), Defiance, O.
Titus E. E., Petersburg, Va.

9349—Trunk Slat Staining & Varnishing Machines
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

9350—Tub & Pail Machinery
AMS MAX MACHINE CO., 101 Park av, New York
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Gerlach Peter Co. (Wood also for Churn, Ice Cream Freezer, Fish Kit, etc), 1712 Winter, Cleveland, O.
Goodspeed Machine Co., Winchendon, Mass.

9351-2— Tubbing Machines
Smith Richardson Co., (Or Polishing Tank), Attleboro, Mass.

Tube Cutting Machines
See Cutters Flue; also Pneumatic Flue Cutters

9353-4-5—Tube Filling Machines
Kane & Roach, Syracuse, N. Y.
Premier Machinery Co., Oakland, Cal.
Ross Chas. & Son Co. (For Paste, Oil & Cosmetics), 148 Classon av, Brooklyn, N. Y.
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.

Tube Mill Machinery
See Pipe & Tube Mill Machinery

9356—Tube Reducing Machines
Standard Machinery Co., Providence, R. I.

9357—Tube Rolling & Cutting Machines (Paper)
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

9358—Tube Tapering Machines
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("Dayton"), Torrington, Conn.
See adv index at end of book

9358a—*Tubing (Flexible Metallic) Machinery
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass.
See adv index at end of book

9359— Tufting Machines
Backstay Machine & Leather Co., Union City, Ind.
Buser-Poston Tufting Mach. Co., Chillicothe, O.
Tufting Machine Supply Co., 268 E Jefferson, Detroit, Mich.

9360—Tumbler Grinding Machines
Henderson Bros. Co., 133 South Leonard, Waterbury, Conn.
Sigwaart & Rolston, 341 2d av, Pittsburgh, Pa.

9361—Tungsten Lamp Wire Machinery
Langelier Mfg. Co., Arlington, Providence, R. I.
SLEEPER & HARTLEY, INC. (Filament Coiling), 335 Chandler, Worcester, Mass. *See adv index at end of book*

9362-3—Turpentine Machinery
Joubert & Goslin Mach. & Foundry Co., Birmingham, Ala.

Twine Making Machinery
See Cordage Machinery

9364—Type Casting Machines
Intertype Co., 50 Court, B'klyn, N. Y.
Lanston Monotype Machine Co., 24th & Locust, Phila., Pa.

Thompson Type Machine, 233 W Erie, Chicago, Ill.
Universal Type Making Machine Co. ("Nuernberger-Rettig," Automatic), 732 Federal, Chicago, Ill.

9365—Type Setting & Type Distributing Machines

Brown R. H. & Co., New Haven, Conn.
Intertype Corp. (Type Setting), 50 Court, Brooklyn, N. Y.
Lanston Monotype Mach. Co. (Composing), 24th & Locust, Phila. Pa.
Linograph Co. (Type Setting), Davenport, Ia.
Mergenthaler Linotype Co., 154 Nassau, New York
Superior Type Co., 3940 Ravenswood av, Chicago, Ill.
Unitype Co., 30 Monitor, Jersey City, N. J.

9366-7—Upsetting & Forging Machines

See also Upsetters, Tire

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co. (Axle), 3830 Lakeside av, Cleveland, O.
Bethlehem Steel Co. (Steam Hydraulic), South Bethlehem, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Williams, White & Co. ("Moline"), Moline, Ill.

9368—Valve Inserting Machines

Smith A. P. Mfg. Co. ("Sherred-French"), East Orange, N. J.

9369—Valve Re-seating Machines

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Leavitt Mach. Co. ("Dexter"), Orange, Mass.
Long Adam A. Machine Works ("Sterling"), Rochester, N. Y.
McCrea Jas. & Co. ("Skinner's" Motor), 562 W Washington, Chicago, Ill.
Skinner M. B. S. Co. ("Skinner"), 562 W Washington, Chicago, Ill.

9370—Valve Seat-Milling Machines

Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.

9371—Valve Seat Planing Machines

Niles-Bement-Pond Co., 111 B'way, New York
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

9372—Valve Tapping, Reaming & Seating Machines

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Pottstown Machine Co. (Automatic), Pottstown, Pa.

9373—Valve Wheel Machinery

Bradley H. C. (For Wood Wheels), Bridgeport, Conn.

Vanning Machines

See Vanners, Frue

9374—Variety Moulding Machines

American Woodworking Machy. Co., Rochester, N. Y.
Carey W. W. Co., Lowell, Mass.
Pryibil P. Machine Co., 520 W 41st, New York
Yates P. B. Machine Co., Beloit, Wis.

9375—Variety Sawing Machines

American Woodworking Machinery Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Root B. M. Co., York, Pa.
Yates P. B. Machine Co., Beloit, Wis.

9376—Variety Wood Turning Machines

See Also Lathes, Variety Turning

American Woodworking Machinery Co., Rochester, N. Y.
Mattison C. Machine Works ("Universal"), Rockford, Ill.
Yates P. B. Machine Co., Beloit, Wis.

9377—*Varnish Can Machinery

BLISS, E. W. CO., 19 Adams, Broklyn N. Y. *See adv index at end of book*

9378—Varnish Makers' Machinery

Kent Machine Works, 39 Gold, Brooklyn, N. Y.

9379-80—Varnishing Machines

Chambers Bros. Co., 52d bel. Lancaster av, Philadelphia, Pa.

9381—Vegetable Cutting Machines

Smith's Jno. E. Sons Co., Buffalo, N. Y.

9382— Vending Machines

Advance Machine Co., 4645 Ravenswood av, Chicago, Ill.
Automatic Target Machine Co. (Rifle & Pistol), 203 Fulton, New York
Autosales Corp., 96 Spring, New York
Beaton & Caldwell Mfg. Co. (Match), New Britain, Conn.
Becker P. A. Co. (Collar Button), 132 Cumberland, Brooklyn, N. Y.
Brewer Chas. A. & Sons Co., 6320 Harvard av, Chicago, Ill.
Caille Bros. Co. (Coin Operating), 2d & Amsterdam avs, Detroit, Mich.
Centadrink Filters Co., 1440 B'way, New York
Coin Controlling Lock Co. (Coin Operating), Traction bldg., Indianapolis, Ind.
Coleman Hardware Co. (Peanut, Match, etc), 122 S Michigan av, Chicago, Ill.
Cupples Samuel, Woodenware Co. (Pencils, Gum, Matches, etc.), 7th & Spruce, St. Louis, Mo.
Gent Wm. Vending Mach. Co. (Gum, Perfume, etc.), 846 E 93d, Cleveland, O.
Griswold Mfg. Co. (Nut, Match, Gum, etc.), Rock Island, Ill.
Hence J. W. Foundry Co. (Ball Gum, Breath Perfume, etc), Westerville, O.
Hilo Gum Co., 1516 W Vanburen, Chicago, Ill.
Ideal Mfg. Co. (Postage Stamps), Anderson, Ind.
Jaeger Automatic Machine Co. (Automatic Food), 2238 N 9th, Phila., Pa.
Joy Chas. H., 407 Aberdeen, Chicago, Ill.
Krema Mfg. Co., 544 W Washington, Chicago, Ill.
Lorentzen H. K. (Any Coin, Any Article, Models & Experimental Work), 60 Grand, New York
Midland Supply Co. ("Duplex" Postage Stamp), Davenport, Iowa
Mills Novelty Co. (Candy, Cigar, Cigarette, Gum, Peanut, Package, etc, Coin Operating), 221 S Green, Chicago, Ill.
Mosel Mfg. Corp. (All Descriptions, Models & Experimental Work), Kensington, Conn. *See adv index at end of book*
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Puritan Machine Co. (Ltd.), Lafayette & 10th, Detroit, Mich.
Richmond Metal Products Co. Inc. (Automatic, for Soda Water), 5th & Arch Richmond, Va.
Ryede Specialty Works (Gum, Chocolate), Rochester, N. Y.
True Blue Gum Co. (Gum), Lansing, Mich.
Watling Mfg. Co. (Coin Operating), 1029 W Adams, Chicago, Ill.

9383—Veneer Cutting Machines

American-Blakeslee Mfg. Co. ("Blakeslee"), Birmingham, Ala.
Capital Machine Co., Indianapolis, Ind.
Coe Mfg. Co. (Rotary, Slicing & Sawing), Painesville, O.
Farrel Fdry & Machine Co Co., Ansonia, Conn.
Hubbard's Norman Sons ("Rochow"), 265 Water, Brooklyn, N. Y.
Merritt Mfg. Co. (Rotary Veneer Lathe & Automatic Veneer Clipper), Lockport, N. Y.
St. Joseph Iron Works (Lathes), St. Joseph, Mich.
Titus Elmer E., Petersburg, Va.
Trevor Mfg. Co. (For Crate Slates, etc), Lockport, N. Y.

9384—Veneer Drying Machines

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Merritt Mfg. Co. ("Merritt"), Lockport, N. Y.
PROCTOR & SCHWARTZ, INC., 7th & Tabor road, Philadelphia, Pa.

9385— Vermicelli Machinery

See also Macaroni Machy.

CAVAGNARO JOHN J., Harrison, N. J.
City Machine Co., 5321 St. Clair, Cleveland, O.

9386— Vinegar Machinery

Beman Automatic Oil Can Co. (Self Measuring Cabinet), Meadville, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

9387— Voting Machines

Automatic Registering Machine Corp., Jamestown, N. Y.
Universal Indicator Co., 210 Sycamore, Milwaukee, Wis.

Wagon Builders' Machinery

See Carriage Builders' Machinery

9388—Wall Paper Machinery

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Marresford Wm. F. (For Wall Paper Sample Books), 56 Pearl, Brooklyn, N. Y.
Waldron Jno. Co., New Brunswick, N. J.

9389—Wall Paper Numbering & Lettering Machines

Allen A. & Co., 2001 Carpenter, Phila., Pa.

9390—Wall Paper Pasting, Trimming & Matching Machinery

Baird Machine Co. (Also Stains, Splits Border in Narrow Pieces), Bridgeport, Conn.

9391—Washer Cutting Machines

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Hilles & Jones Co., E Wilmington, Del. *See adv index at end of book*
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Southwark Foundry & Machine Co., 1128 S 4th, Phila. Pa.

9391a—Washing Machines (Clothes)

Adams Laundry Machinery Co., Troy, N. Y.
Albaugh-Dover Co. ("Butterfly"), 2100H Marshall blvd, Chicago, Ill. *See adv index at end of book*
Almetal Mfg. Co. ("Almetal" Combination Washer, Heater & Stove), 7227 Manchester av, St. Louis, Mo.
Altorfer Bros. Co. ("Roanoke" Power Washer & Wringer), Peoria, Ill.
AMERICAN GAS MACHINE CO. INC. ("Oscillator"), Albert Lea, Minn., & 78 Reade, New York
American Ironing Machine Co. ("Simplex"), 166 N Michigan, Chicago, Ill.
American Laundry Machinery Co., Cincinnati, O.
American Wringer Co., 99 Chambers, New York
Apex Appliance Co., 3223 W 30th, Chicago, Ill.
Apex Electrical Mfg. Co., 1067 E 152nd, Cleveland, Ohio
Arnold Electric Co. (Electric), Racine, Wis.
Arora Co., 46 E 41st, New York
Associated Mfrs. Co. ("Amanco," Power), Waterloo, Ia.
At Last Washer Co. ("At Last"), Perry, Ia.
Automatic Electric Washer Co. ("Automatic," Electric), Newton, Ia.
Banderob-Chase Co., Oshkosh, Wis.
Barlow & Seelig Mfg. Co., Ripon, Wis.
Barnes Mfg. Co., Susquehanna, Pa.
Baughman N. C. ("New Miller"), York, Pa.
Binghamton Washing Machine Co., Binghamton, N. Y.
Blackstone Mfg. Co. ("Blackstone," "Quality," "New Pan American," "Vim," "Blackstone" Swinging Wringer, Gasoline Power Washer, "Blackstone" Electric Washer, "Magic" Water Power Washer, "Improved" Capital Water Power Washer, "Dauntless" Water Power Washer), Jamestown, N. Y.
Bluffton Mfg. Co., Bluffton, O.
Boss Washing Machine Co. ("Banner" Rotary "Boss"), Cincinnati, O.
Brammer H. F. Mfg. Co. ("O. K. Rotary," "B. B.," "Brammer," "Great Western," "O. J. C.," " O. K. Electric," "Original Brammer," "Peacemaker," "Snow E. White," "Klipper," "Knox-all," "Flyer," "Speedy," "Royal Stone"), Davenport, Ia.
Brown M. Co. ("United States"), Wapakoneta, O.
Buckeye Churn Co. ("Prima" Electric), Sidney, O.
Burlingame Mfg. Co., Syracuse, N. Y.
Cahm-Forster Elec. Co. ("A. B. C."), 209 15th, Denver, Colo.
Camp Bros. & Co., Washington, Ill.
Capital Electric Co., 321 Sheldon, Chicago, Ill.
Chicago Dryer Co. ("Chicago," "Electric"), 630 S Wabash av, Chicago, Ill.
Christman A. G. Co., Reading, Pa.
Clarinder Lawn Mower Co., Clarinda, Ia.
Clark-Cadle-Harmon Corp., Rochester, N. Y.
Coffield Motor Washer Co. ("Coffield," Electric, "U. M."), Dayton, O.
Complete Mfg. Co. Kenosha, Wis.
Constantine Casket Co., Constantine, Mich.
Crystal Washing Machine Co. (Electric), 1118 Gratiot, Detroit, Mich.
Cycle Washing Machine Co., 160 Ann, Chicago, Ill.
Dayton Welding & Mfg. Co. (Water Power), Dayton, O.
Davis Sewing Machine Co. ("Blue Bird" Electric), Dept. H Dayton, Ohio
Dexter Co. ("Dexter," Power & Electric), Fairfield, Ia.
Domestic Laundry Equipment Corp. ("Domestic"), 224 W 26th, New York
Doty Mfg. Co. ("Doty"), Dayton, O.
Dumond Mfg. Co. (Vacuum), Cedar Falls, Ia.

WASHING MACHINES (CLOTHES)—cont.
Easiest Way Mfg. Co. ("Easiest Way"), Sandusky, O.
Edwards Mfg. Co., Honey Creek, Ind.
Erie Metal Products Co. ("Pexcolo" Vacuum Washer), Erie, Pa.
Fairbanks, Morse & Co. ("Fairday"), 900 S Wabash av, Chicago, Ill.
Federal Sign System (Electric), 8700 S State, Chicago, Ill.
Fisk Mfg. Co., Churubusco, Ind.
Fletcher Mfg. Co. (Motor), Newport, Ky.
Fosston-Carpenter Co. ,"New Liberty," "Women's Friend" Electric, Hand & Engine Power), St. Paul, Minn.
G. & D. Mfg. Co., Streator, Ill.
Galloway Wm. Co., Waterloo, Ia.
Geier P. A. Co. ("Royal" Electric), Cleveland, O.
General Railway Signal Co. ("G. R. S."), Rochester, N. Y.
Getz Power Washer Co. (Combination Washer & Wringer), Morton, Ill.
Geyser Elec. Co., 5008 Bloomingdale av, Chicago, Ill.
Glascock Bros. Mfg. Co. ("Handy," "New Era"), Muncie, Ind.
Globe Mfg. Co. ("Quicker Yet"), Perry, Ia.
Grinnell Washing Machine Co. ("Gem" Power), Grinnell, Ia.
Haag Bros Co., Peoria, Ill.
Haag A. W. & Co., Reading, Pa.
Hamilton Caster & Mfg. Co. (Motor), Hamilton, O.
Harvey W. W. & Son, Constantine, Mich.
Highlander Machine Co. (Motor-Driven), Spencerport, N. Y.
Hirschy Co., 720 2d av, Minneapolis, Minn.
Home Devices Corp. ("Modern Home Washer" Electric), 33 35th, B'klyn,
Home Specialty Mfg. Co. ("Laun-Dryette" Washer & Dryer), 1015 Power av, Cleveland, O.
Horton Mfg. Co. ("American," "Globe," "Horton," Electric, "Horton" Rotary), Fort Wayne, Ind.
Howe Co. ("Excello" Water Power), Wheeling, W. Va.
Huenergardt Mfg. Co. ("Monitor" Hand, Belt & Electric Power), Linccoln, Neb.
Hugro Mfg. Co., 327 S La Salle, Chicago, Ill.
Hunt Rodney Machine Co., Orange, Mass.
Hurley Machine Co. ("Thor" Electric Washer & Wringer), Cicero, Ill.
Irwin Mfg. Co. (Springless Motor), Front & Pike, Cincinnati, O.
Jackson Gas Engine Co. ("Jackson" Power), Jackson, Mich.
Johnson Electric Washer Co., 2074 Market, San Francisco, Cal.
Judd Laundry Machine Co., 122 S Michigan av, Chicago, Ill.
Kiel Mfg. Co. ("Oscillators" Vacuum), Albert Lea, Minn.
Knoll Janas L. Mfg. Co. ("Knoll" Double Action), Lebanon, Pa.
Knoll J. H. ("Queen" Family), Reading, Pa.
Laundryette Mfg. Co. ("Laun-dry-ette"), East 152nd, Cleveland, Ohio
Litchfield Mfg. Co. (Farmers' Laundry), Waterloo, Ia.
Lombard-White Co. ("Lombard"), H, Harlow Worcester, Mass.
Luthy & Co. (" A. B. C." Electric), Peoria, Ill.
Maytag Co. ("Pastime," "Maytag"), Newton, Ia.
Meadows Mfg. Co. ("Meadows, Jr.," Power), Pontiac, Ill.
Metal Barrel Co. ("Rapid"), Galesburg, Ill.
Michigan Washing Machine Co. (Turbine "Guarantee," "Peerless"), Muskegon, Mich.
Miller Mfg. Co., Meyersdale, Pa.
Modern Laundry Machine Co. (Electric), 1907 Central, Kansas City, Mo.
Moore, Given Co. ("Moore"), Spring Valley, Ill.
Morris Mfg. Co. ("One Minute"), El Reno, Okla.
National Motor Co., Springfield, O.
National Sewing Machine Co. ("Happy Day," High Speed), Belvidere, Ill.
New Favorite Mfg. Co. ("Winner"), 183 W Maple, Columbus, Ohio
Nineteen Hundrew Washer Co. ("1900" & "1900 Cataract" Hand & Electric), Dept. H, Binghamton, N. Y.
Odin Co. (Electric), 319 W Ohio, Chicago, Ill.
Ohio Pump & Brass Co. ("Economy"), Columbus, O.
OIL & WASTE SAVING MACHINE CO. Oily Waste, Rags, Towels), Real Estate Trust bldg., Phila., Pa.
One Minute Mfg. Co., Newton, Iowa
One Minute Washer Co. ("Sandusky"), Sandusky, O.
Pittsburgh Gauge & Supply Co. ("Gainaday" Electric Washer Wringer), 30th & Liberty av, Pittsburgh, Pa.
Press Wells H. Co., Streator, Ill.
Princess Wash Machine Mfg. Co. ("Princess" Water Power), 433 E Pearl, Cincinnati, O.
Puffer-Hubbard Mfg. Co., 32d av, S & 26th, Minneapolis, Minn.
Reading Wood Pulley Co. ("Prince"), Reading, Pa.
Rex Mfg. Co. ("Rex"), Johnstown, Pa.
Richmond Cedar Works ("Matchless," "Majestic" & "F. F. V.," "R. C. W. Water Motor," "Typhon," "Electric," "Lightning," "Rapid," "Richmond Electric Driven"), Fulton, Richmond, Va.
Rochester Rotary Washer Co. ("Rochester," Rotary, Equipped with Wringer), Rochester, N. Y.
Rochester Washing Machine Corp. (Electric), Rochester, N. Y.
Ross C. E. ("World," "Star," "Lincoln"), Lincoln, Ill.
Rue Mfg. Co., Amboy, Minn.
Sandusky Washer Co. (Electric), Sandusky, Ohio
Schneider Peter F. (Electric & Power), 210 Gil River, Detroit, Mich.
Schroeder S. E. Mfg. Co., Minier, Ill.
Sieverkropp Engine Co., Racine, Wis.
Smith & Phillips Mfg. Co., 412 N Sagamore, Chicago, Ill.
Standard Churn Co., Wapakoneta, Ohio
Steiner Mfg. Co. ("Steiner," Motor Driven) 4100 N 21st, St. Louis, Mo.
St. Louis Washington Machine Co., St. Louis, Mo.
Superior Machine Co., Sterling, Ill.
Swash Motor Washer Co., Buttles & Mich. av, Columbus, O.
Sweet Geo. W., Flint, Mich.
Syracuse Washer Corp., Syracuse, N. Y.
Terriff Perfect Washer Co., Portland, Mich.
Thistle Mfg. Co., 5716 Armitage av, Chicago, Ill.
Tolhurst Machine Works, Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
United Engine Co. ("Diabola"), Lansing, Mich.
Upton Machine Co., St. Josephs, Mich.
Utahna Development Co., 4254 Vista av, St. Louis, Mo.
Vacuum Washer Co., Ripon, Wis.
VERBEEK HARRY CO. (Mfrs. Agent), 208 N Wells, Chicago, Ill.
Victor Mfg. Co. ("Wonder"), Leavenworth, Kansas
Victor Motor Washing Machine Co., 11 W 7th, Cincinnati, O.
Voss Bros. Mfg. Co. ("Ocean Wave" Hand & Power, "Pendulum," "Automatic" & "Sunshine" Hand, "Universal" Power & "Voss" Water Motor & Electric), Davenport, Ia.
Walker Bros. Co. (Vacuum), Syracuse, N. Y.
Waring Ed. C. ("Waring" Aerated), Huntsville, Mo.
Wash-Easy Co., 2427 W 14th, Chicago, Ill.
Wayne Mfg. Co. ("Wayne"), 124 Sidney, St. Louis Mo.
Wenzelman Mfg. Co. (Hand, Power & Electric), Galesburg, Ill.
Western Electric Co., 463 West, New York
White Lily Mfg. Co. ("White Lily," "White Way" & "De Luxe" Cabinet), Dept. H, Davenport, Ia.
Wiard Mfg. Co. ("Wiard's Standard"), E Avon, N. Y.
Williamson H. E., 1340 Mission, San Francisco, Cal.
Wise-McClung Mfg. Co. ("America"), New Phila., Pa.
Winger-Blume Mfg. Co. (Electric), Wolcott, Ind.
Woodrow Mfg. Co. (Electric & Power), Newton, Ia.
Yost Gearless Motor Co., Springfield, O.

9392—Washing Machines (Laundry)

Adams Laundry Machinery Co. (Mill), Troy, N. Y.
American Laundry Machinery Co. (Cylindrical), Cincinnati, O.
Clark-Cadle-Harmon Corp., Rochester, N. Y.
Empire Laundry Machinery Co. (Cylindrical), 352 Western av, Boston, Mass.
Poland Laundry Machinery Co. (Cylindrical), 47 Kemble, Boston, Mass.

9392a—Washing Machines (Metal Parts)

Crescent Washing Machine Co. ("Crescent"), New Rochelle, N. Y.
Howard Iron Works, Chicago & Granger, Buffalo, N. Y.
Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, O.

9393—Washing Machines (Vegetable & Fruit)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Premier Machinery Co., Oakland, Cal.

9394—Waste Product Machinery for Packing Houses

Joslin, Schmidt Co. (Glue Works, Soap Factories, etc), 3223 Spring Grove av, Cincinnati, O.

9394a—*Waste Saving Machines

OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila, Pa.
See adv index at end of book

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.
Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

9395—Waste Washing Machines

American Tool & Machine Co. (For Cotton or Woolen, Wiping or Packing Waste, etc), 10 High, Boston, Mass.
Oil & Waste Saving Machine Co., Real Estate Tr. bldg., Phila., Pa.
See adv index at end of book

9396—Watch Case Machinery

Cavagnaro Jno. J., Harrison, N. J.

Watchmakers' Machinery

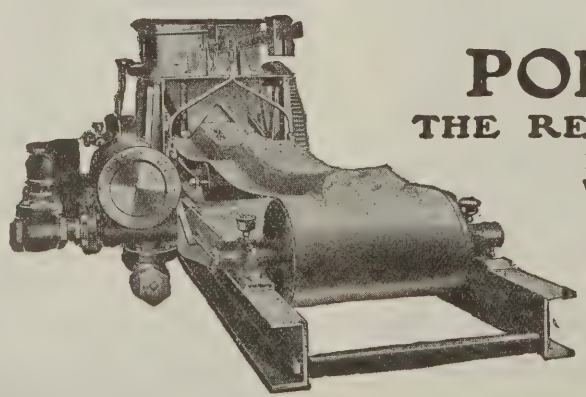
See Clock & Watchmakers' Machinery

9397—Wax Caking Machines

Bethlehem Shipbuilding Corp. Ltd. (Distillate, Chilling), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Moore Samuel L. & Sons, Elizabeth, N. J.

9398—Weighing Machines (Automatic)

Automatic Weighing Machine Co., 138 Commerce, Newark, N. J.



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Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Edtbauer E. & Co. ("Duplex" for Groceries, etc.), 1121 Washington blvd, Chicago, Ill.
Electric Weighing Co., 180 13th av, New York
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gent Wm. Wending Mach. Co., 846 E 93d, Cleveland, O.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.
Richardson Scale Co. (Self-Indicating & Totaling), Passaic, N. J.
SCHAFFER ENGINEERING & EQUIPMENT CO. (Poidometer) 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book
Streeter-Amet Weighing & Recording Co. (Indicating & Recording), 4101 Ravenswood av, Chicago, Ill.
Unit Weighing & Packing System, Scott & McHenry, Baltimore, Md.

9399-400—Weighing, Packing & Bagging Machines (Automatic)

Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.
Case J. I. Threshing Machine Co. (Grain Baggers), Racine, Wis.

Welding Machines (Autogenous)

See Welding & Cutting Apparatus Oxyacetylene

9401—Welding Machines (Electric)

Agnew Elect. Welder Co., Milford, Mich.
Brom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Burke Electric Co. (Arc), Erie, Pa.
Colonial Supply Co., 541 Wood, Pittsburgh, Pa. *See adv index at end of book*
Elect. Arc Cutting & Welding Co., 222 Halsey, Newark, N. J.
Electric Ry. Improvement Co., 2070 E 61st pl, Cleveland, O.
Electric Welding Co., 764 Court, New York
Federal Electric Welder Co., Warren, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Geuder, Paeschke & Frey Co. ("Cream City," Butt, Spot & Seam), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gibb Instrument Co. ("Zeus"), Highland bldg, Pittsburgh, Pa.
Lincoln Electric Co. (Arc), Cleveland, O.
Ohio Brass Co., The, Mansfield, Ohio
See adv index at end of book
Pacific Elec. Welder & Mfg. Co., Seattle, Wash.
Quasi-Arc Weltrode Co., Inc., 109 Lafayette, New York
Siemund Wenzel Electric Welding Co., 30 Church, New York
Taylor Welder Co., Warren, O.
Thomson Electric Welding Co. (Butt, Spot & Seam Welders), 161 Pleasant, Lynn, Mass.
Thompson Spot Welder Co., Lynn, Mass.
Tuasi Arc Weldtrobe Co. Inc., 107 Lafayette, New York
Universal Elec. Welding Co., 30 E 42nd, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilson Welder & Metals Co., 3 Bush Terminal, Brooklyn N. Y.
Winfield Elec. Welding Mach. Co. ("Winfield"), Warren, Ohio

9402—Well Drilling Machinery

Alamo Iron Works, San Antonio, Tex.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
American Well & Prospecting Co., Corsicana, Tex.
Armstrong Mfg. Co. ("Armstrong," for Oil, Gas, Water Wells, Prosepecting & Blast Hole Drilling), Waterloo, Ia.
Artesian Well & Supply Co., 195 Anthony, Providence, R. I.
ASSOCIATED WELL SUPPLY CO., INC. (Oil), 111 Broad, New York
See adv index at end of book
Atlas Supply Co., Muskogee, Okla.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Dempster Mill Mfg. Co., Beatrice, Neb.
Everhard Co., Massillon, O.
Ferguson Mfg. Co. (Oil, Gas & Water), Waterloo, Ia.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Grimes G. W. Co. (Oil Well), Bluffton, Ind.
Hardy Mach. Co. (Oil & Gas), N Baltimore, O.
Herron R. H. Co., 934 N Alemeda, S Los Angeles, Cal.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Hughes Tool Co. (Rotary Drill Bits for Oil, Gas & Water Wells), Houston, Tex.
Ingersoll-Rand Co., 11 B'way, New York
KEYSTONE DRILLER CO. ("Keystone"), Beaver Falls, Pa.
See adv index at end of book
Krajewski-Pesant Corp., 50 Broad, New York
La Cross Well Drill Works, La Crosse, Wis.
Landerson-Cyclone Drill Co., Orrville, O.
Leidecker Tool Co., Marietta, O.
Lisle Mfg. Co., Clarinda, Ia.
Loomis Machine Co. ("Clipper"), Tiffin, O.
LUCEY MANUFACTURING CORP. ("Rex" Rotary Oil & Gas), 233 B'way, New York
For branch offices see Alphabetical Section
Marion Machine Foundry & Supply Co., Marion, Ind.
Milton S. G. & Son ("Milton" for Pulling Rods or Tubing from Wells & Replacing Same Ready for Pumping), Franklin, Pa.
National Supply Co., Toledo, O.
National Supply Co., Union Bank bldg, Pitsburgh, Pa.
Oil Well Supply Co. (Oil Well, etc), 215 Water, Pittsburgh, Pa.
Parkersburg Rig & Reel Co. (Oil & Gas Well), Parkersburg W. V.
Pech Gus Foundry & Mfg. Co., Le Mars, Ia.
Red Cross Mfg. Co., Bluffton, Ind.
Rockford Iron Works, Rockford, Ill.
St. Louis Well Machine & Tool Co., Kingsland av, St. Louis, Mo.
San Antonio Machine & Supply Co. ("West Texas"), San Antonio, Tex.
Sanderson Cyclone Drill Co. ("Cyclone" Water Well, Oil & Gas Well & Big Blast Hole Drills), Orrville, Ohio
Sparta Iron Works Co., Sparta, Wis.
Star Drilling Machine Co. (Portable), Akron, O.
Sweeney & Gray Co. (Shallow Wells), 83-85 6th, Long Island City, N. Y.
Teetzel Well Works, Terre Haute, Ind.
Titusville Iron Co., Titusville, Pa.
Union Tool Co. ("Ideal" for Oil, Gas & Artesian Wells), Torrance, Cal.
United Iron Works, Inc., Kansas City, Mo.
Williams Bros., Ithaca, N. Y.

9403—Wet Machines (Paper Mill)

Bagley & Swell Co., Watertown, N. Y.
Baker Mfg. Corp, Saratoga Springs, N. Y.
Beloit Iron Works, Beloit, Wis.
Carthage Machine Co., Carthage, N. Y.
Clark H. C. & Son Machine Co., Lee, Mass.
Dilts Machine Works (Inc.), Fulton, N. Y.
Emerson Mfg. Co. (Also Pulp Mill), Lawrence, Mass.
Friction Pulley & Machine Works, Hudson Falls, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works (Pulp Mill), Hudson Falls, N. Y.
Smith & Winchester Mfg. Co., So. Windham, Conn.

9403a—Wheat Scouring & Polishing Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co., ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

9404—Wheat Washing & Stone Separating Machinery

Howes S. Co. ("Eureka"), Silver Creek, N. Y.
Wolf Co., Chambersburg, Pa.

9405-6—Wheel Boxing Machines

Defiance Machine Works, Defiance, O.

9407-8-9-10—Wheel Machinery

Blomquist Eck Machine Co. (Automobile), 1146 E 152d, Cleveland, Ohio
Defiance Machine Works, Defiance, O.
Empire Mach. Works, Mt. Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.

9411—Whisk Broom Machinery

See also Broom Machinery

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.

9412— White Lead Machinery

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Campbell Peter F., 51 Laurel, Phila., Pa.
Kaestner & Hecht Co., 600 Throop, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Whitewash Spraying Machines

See Paint & Whitewash Spraying Machines

9413—Whiting Works Machinery

Campbell P. F., 51 Laurel, Phila., Pa.

9414—Winding Machinery (For Hydraulic Dredges)

Norbom Engng. Co., Denckla bldg, Phila., Pa.

9415—Window Frame Machinery

Atlas Mfg. Co., Orlando, Fla.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain Conn.
Schaefer Mfg. Co. (Portable), Berlin, Wis.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

9416—Window Pocket Cutting Machines

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

9417—Window Shade Machinery

Swift Geo. W., Jr., Bordentown, N. J.

9418—Wine Making Machinery

Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Klotz Machine Co., Sandusky, O.
Premier Machinery Co., Oakland, Cal.
Redlich Mfg. Co., 637 to 647 W Oak, Chicago, Ill. *See adv index at end of book*

9419—Wire Barbing Machines

Bates Machine Co., Joliet, Ill.
Wright David A., 568 W Washington, Chicago, Ill.

9420—Wire Barrel Hoop Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

9420a—Wire Bending Machines

Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

9421—Wire Cloth Measuring Machines

Schriver O. P. & Co. ("I. X. L."), 621 E. Pearl, Cincinnati, O.

9422—Wire Cloth Weaving Machines

Crompton & Knowles Loom Works, Worcester, Mass.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Sailor Whitmore Machine Co., Menasha, Wis.

Wire Covering Machinery

See Wire & Cable Covering Machinery

9423—Wire Crating Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

9424—Wire Crimping Machines

Automatic Machine Co., Bridgeport, Conn.
Cady Mach. Co. (Automatic), Cleveland, O.
McCallip Mfg. Co., 162 W Naghten, Columbus, Ohio
Manville E. J. Machine Co., Waterbury, Conn.
Smurr & Kamen Machine Co. (Crimping, Cutting & Counting Combined), 328 N Albany, Chicago, Ill.
Wells Frank L. Co., Kenosha, Wis.

9425-6—Wire Drawing Machinery

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
American Industrial & Equipment Co., 53 W Jackson blvd, Chicago, Ill.
American Insulating Machinery Co. ("Aimco"), Dept. H, Fairhill & Huntington, Phila., Pa.
Bates Machine Co., Joliet, Ill.
Humphrey & Sons ("Humphrey," Wire Drawing Benches, etc), Joliet, Ill.
McWilliams Thos. (Draw Benches), 227 Eddy, Providence, R. I.
Mackenzie's Duncan Sons Co. (Draw Benches), Trenton, N. J.
Morgan Construction Co., Worcester, Mass.
New England Machinery Co., New Haven, Conn.
Richard Mfg. Co., Bloomsburg, Pa.
Standard Machinery Co., Providence, R. I.
Torrington Mfg. Co., Torrington, Conn.
Vaughn Machinery Co. (Trolley Wire, Drawing Benches), Cuyahoga Falls, O.
See adv index at end of book
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9427—Wire Forming Machinery

Atlas Machine Co., Waterbury, Conn.
Automatic Machine Co., Bridgeport, Conn.
Baird Machine Co. ("Automatic"), Bridgeport, Conn.
Cady Machine Co. (Automatic), Cleveland, O.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic & Four Slide), Bridgeport, Conn.

WIRE FORMING MACHINERY—cont.

SLEEPER & HARTLEY, INC. (Automatic), 168 Prescott, Worcester, Mass. *See adv index at end of book*
Smurr & Kamen Machine Co., 328 N Albany, Chicago, Ill.
Special Machinery Co., Bridgeport, Conn.
Standard Machinery Co., Providence, R. I.
Westchester Machine Co., Mt. Vernon, N. Y.

9428—Wire Galvanizing Machinery

American Industrial Engineering Co., H, Monadnock bldg Chicago, Ill.
Bates Machine Co., Joliet, Ill.
Morgan Construction Co., Worcester, Mass.
VAUGHN MACHINERY CO., Cuyahoga Falls, O. *See adv index at end of book*

9429—Wire Handle Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" Automatic), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Stecher Chas. Co., 2301 Knox av, Chicago, Ill.

Wire Insulating Machinery

See Wire & Cable Covering Machinery

9430-1— Wire Machinery

AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Baird Machine Co. ("Automatic"), port, Conn.
Bates Machine Co., Joliet, Ill.
Farrel Foundry & Machine Co. (Automatic), Ansonia, Conn.
Franklin Mfg. Co. (Automatic Straightener & Cutter), New Haven, Conn.
Humphrey & Sons (Wire Mills), Joliet, Ill.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Mackenzie's Duncan Sons Co. (Draw Benches & Annealers), Trenton, N. J.
Manville E. J. Machine Co., Waterbury, Conn.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Morgan Construction Co., Worcester, Mass.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
New England Machinery Co. (Planetary & Closing), New Haven, Conn.
Richard Mfg. Co., Bloomsburg, Pa.
SHUSTER F. B. CO. (Wire Straightening & Cutting), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Sleeper & Hartley Inc. (All Kinds Wire Working Machinery), 335 Chandler, Worcester, Mass. *See adv index at end of book*
Stimpson Edwin B. Co. (Automatic), 68 Franklin, Brooklyn, N. Y.
VAUGHN MACHINERY CO. (Wire Mill), Cuyahoga Falls, O. *See adv index at end of book*
Watson Machine Co., Paterson, N. J.

9432—Wire Measuring Machines

Anderson Homer, Peekskill, N. Y.
Chumbley J. E. & Co. (Gant Meter), Nashville, Tenn.
Minneapolis Electric & Construction Co., Wire Reel & Measure, 112 S 7th, Minneapolis, Minn.
Moore S. L. & Sons, Elizabeth, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
Root C. J. Co., Bristol, Conn.
Textile Machine Works, Reading, Pa.
Waldman, John J., 64 Murray, New York
Watson Machine Co., Paterson, N. J.

9433—Wire Nail Barbing Machines

Miller's H. J. Sons ("Improved Perkins"), Bridgewater, Mass.
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

9434—Wire Nail Cleaning Machines

Ladel Mfg. Co., New Philadelphia, O.

9434a—Wire Nail Machinery

See also Nail Mill Machinery

SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass. *See adv index at end of book*

9435—Wire Pointing Machinery

See also Swaging Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Bates Machine Co., Joliet, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Manville E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("Dayton"), Torrington, Conn. *See adv index at end of book*
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

9436— Wire Rivet Machines

Cook Asa S. Co., Hartford, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Perkins Henry Co., Bridgewater, Mass.

9437—Wire Rope Making Machinery

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
New England Butt Co., 304 Pearl, Providence, R. I.

9438—Wire Spoke Heading & Bending Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9439—Wire Spooling Machines

Cady Machine Co., Cleveland, O.
Emory Robt. J. Co., 27 Runyon, Newark, N. J.
Koegel Chas. & Sons, Holyoke, Mass.
New England Machinery Co., New Haven, Conn.
Vaughn Machinery Co. (Steel & Copper Wire Mills), Cuyahoga Falls, O. *See adv index at end of book*
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass. *See adv index at end of book*
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Watson Machine Co., Paterson, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

9440—Wire Spring Coiling Machines

See also Spring Coiling Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Garvin Machine Co., 147 Varick, New York
Manville E. J. Machine Co., Waterbury, Conn.
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass. *See adv index at end of book*

9441—Wire Spring Machinery

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SLEEPER & HARTLEY, INC. (Automatic), 335 Chandler, Worcester, Mass. *See adv index at end of book*

9442—Wire Stapling Machinery

Allen A. & Co. ("Lightning," "Hercules," for Book Binders), 200 Carpenter, Phila., Pa.
Morrison J. L. Co. (Bookbinders'), Niagara Falls, N. Y.
Premier Machinery Co., Oakland, Cal.
St. Joseph Iron Works (For Baskets, Packages, etc.), St. Joseph, Mich.
Saranac Machine Co. ("Advance" for Baskets, Boxes, Fruit Package, Butter Dish, etc.), Benton Harbor, Mich.

9443—Wire Stitching Machines

Beck Chas. Machine Co., 607 Chestnut, Phila., Pa.
Boston Wire Stitcher Co., East Greenwich, R. I.
Brown R. H. & Co., New Haven, Conn.
Central Machine Co., Niagara Falls, N. Y.
Gitzendanner-Muller Co. ("National"), 15 Vandewater, New York
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
Morrison J. L. Co. ("Perfection"), Niagara Falls, N. Y.
N. J. Wire Stitching Mach. Co., Camden, N. J.
Rosback F. P. Co. ("Progress"), Benton Harbor, Mich.
Saranac Machine Co. ("Advance" for Books & Pamphlets), Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 Broadway, New York.

9444—*Wire Straightening Machines (Roll & Rotary)

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

9445—Wire Straightening & Cutting Machines

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Baird Machine Co. (Automatic), Bridgeport, Conn.
Chandler & Farquhar Co., ("Federal" Straightening), 36 Federal, Boston, Mass.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Farrel Fdry. & Machine Co., Ansonia, Conn.
Franklin Mfg. Co. ("Cracker Jack"), New Haven, Conn.
Kane & Roach, Syracuse, N. Y.
Lewis Machine Co. ("Lewis" Automatic Core Wire), 6303 Central, Cleveland, O.
Manville E. J. Machine Co., Waterbury, Conn.
Metal Package Corp. of N. Y., 509 5th av New York *See adv index at end of book*
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SHUSTER F. B. CO. (Automatic), Cedar Hills, New Haven, Conn. *See adv index at end of book*
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass. *See adv index at end of book*
Wells Frank L. Co., Kenosha, Wis.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York *See adv index at end of book*

9446—Wire Straightening & Forming Machines

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SLEEPER & HARTLEY, INC., 335 Chandler, Worcester, Mass. *See adv index at end of book*

9447—Wire Stranding Machines

New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co. ("Larmuth," High Speed), New Haven, Conn.
Watson Machine Co., Paterson, N. J.

WIRE MACHINERY

Complete mill equipment for the manufacture of all kinds of wire and bars.

ROD MILLS ROD FRAMES DRAW BENCHES

Annealing and Galvanizing Equipment, Etc.

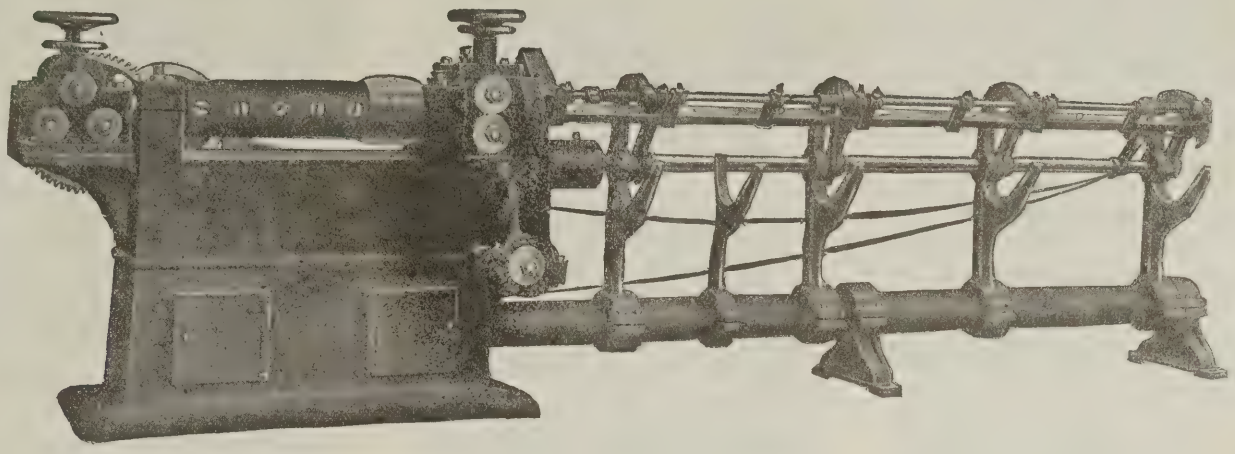
RUBBER MACHINERY

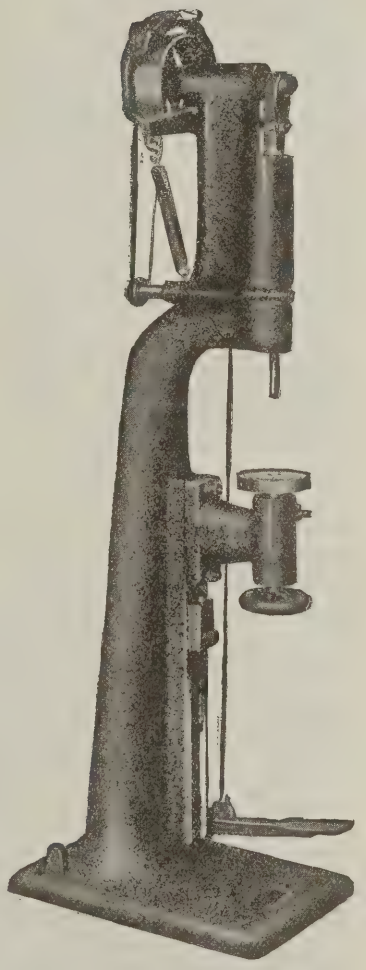
High grade calender and mill equipment complete with drives and motors for rubber and allied industries.

Special machinery designed by our engineers or built to customers' specifications

THE VAUGHN MACHINERY CO.

Cuyahoga Falls, Ohio, U. S. A.





Shuster Automatic Wire Straightening and Cutting Machines

take the material from the coil, straighten and cut it to accurate lengths at high speed with *small maintenance charges.*

They handle steel, iron, brass, copper, aluminum or special alloys with equal facility.

We make these machines in many sizes and lengths, and both belt and motor driven. Also machines for squares, hexagons, flats, strip and sheet metal.

"Elastic Rotary" Blow Riveting Machines

(Trade Mark)

which form any shape head required in an instant. Made in many sizes and adapted for various classes of work, heavy agricultural implements, automobile parts, light novelties, hardware articles, toys, small tools, etc.

The force of the blow is always under the control of the operator and the work may be riveted tight or loose as desired.

THE F. B. SHUSTER COMPANY

Formerly John Adt & Son **Established 1866**

CEDAR HILLS, NEW HAVEN CONNECTICUT

9447a—Wire Tinning Machinery

American Industrial Engineering Co., H, Monadnock bldg, Chicago, Ill.
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

9448-9—Wire Twisting Machines

Bates Machine Co., Joliet, Ill.
McCallip Mfg. Co., 162 W Naghten, Columbus, Ohio.
New England Machinery Co., New Haven, Conn.
Watson Machine Co., Paterson, N. J.

Wire Weaving Machinery

See Wire Cloth Weaving Machines

9449a—Wire Wheel Machines

Langelier Mfg. Co., Arlington, Providence, R. I.

9450—Wire Winding Machinery

American Insulating Machinery Co., **Huntingdon & Fairhill, Phila., Pa.**
Koegel Chas. & Sons, Holyoke, Mass.
Morgan Construction Co., Worcester, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co., New Haven, Conn.

9451—Wire & Cable Covering Machinery

American Insulating Machinery Co., Huntingdon & Fairhill, Philadelphia, Pa.
American Insulating Machinery Co. ("Aimco"), Dept. H, Fairhill & Huntington, Phila., Pa.
Brooks Chas. J., New Haven, Conn.
Chernack Mfg. Co., Pawtucket, R. I.
Farrell Fdy. & Mach. Co., Ansonia, Conn.
Moore S. L. & Sons, Elizabeth, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co., New Haven, Conn.
Rhode Island Braiding Mach. Co., 228 Aborn, Providence, R. I.
Royle John & Sons (Electric Wire Insulating), Paterson, N. J.
Textile Machine Works, Reading, Pa.
Torrington Mfg. Co., Torrington, Conn.
Wardwell Braiding Mach. Co., Central Falls, R. I.
Watson Machine Co., Paterson, N. J.

9452—Wire & Cable Polishing Machines

New England Butt Co., 304 Pearl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

Wood Band Sawing Machines

See Band Sawing Machines for Wood

9453—Wood Barking Machines

Appleton Machine Co., Appleton, Wis.
Baker Mfg. Corp. ("C Bache-Wilg" Barking Drum), Saratoga Springs, N. Y.
Green Bay Barker Co., Green Bay, Wis.
Holyoke Machine Co., Holyoke, Mass.
Kline Lewis T., Alpena, Mich.
Portland Co., Portland, Me.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Scott Olin (Est. of), Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.
Valley Iron Works Co., Appleton, Wis.
Waterville Iron Works, Waterville, Me.

9454—Wood Bending Machines

American Woodworking Machinery Co. Rochester, N. Y.
Bancroft & Barnard, Gardner, Mass.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Malleable Iron Range Co., Beaver Dam, Wis.
Smith H. B. Machine Co., Smithville, N. J.
Superior Iron Works Co., Superior, Wis.

9455—Wood Boring Machines

See also Pneumatic Wood Boring Machines

Ajax Mfg. Co. ("Ajax"), 848 Jackson, N S, Pittsburgh, Pa.
American Woodworking Machinery Co., Rochester, N. Y.
Andrew M. L. & Co. (Multiple Spindles), Cincinnati, O.
Carey W. W. Co., Lowell, Mass.
Chicago Pneumatic Tool Co., 6 E 44th, New York *See adv index at end of book*
Cordesman-Rechtin Co., Butler, Cincinnati, Ohio
CRESCENT MACHINE CO. THE, 512 Oak, Leetonia, O. *See adv index at end of book*
Defiance Machine Works, Defiance, O.
Eagle Square Mfg. Co. (Carpenters' Hand), S Shaftsbury, Vt.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Multiple Adjustable), 1845 Carroll av, Chicago, Ill.
Greenlee Bros. & Co. (Multiple Spindle), Rockford, Ill.
Greenwood Chester Co. (Automatic for Spools & Bobbin Mills), Farmington, Me.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp., Oshkosh, Wis.
Heath W. A. Machine Co., Lestershire, N. Y.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Jenkins Machine Co. (Upright Iron Post, also Multiple Spindle), Sheboygan, Wis.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kidder R. E. Co., Worcester, Mass.
Nash J. M. ("Universal" Power Feed Multiple Spindle), 842 30th, Milwaukee, Wis.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co. (Combined Boring & Chucking), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pringle & Brodie (Multiple Spindle, Vertical & Horizontal), 514 S Canal, Chicago, Ill.
Root B. M. Co. ("Root"), York, Pa.
Sidney Machine Tool Co., Sidney, O.
Smith H. B. Machine Co., Smithville, N. J.
Superior Iron Works Co., Superior, Wis.
Valley City Machine Works (Double Spindle, Radial & Vertical), Grand Rapids, Mich.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Wheland Co., Chattanooga, Tenn.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.

9456— Wood Boring Machines (Hand Power)

Ajax Mfg. Co. ("Ajax," Self Withdrawing), 848 Jackson, Pittsburgh, Pa.

9457—Wood Boring Machines (Multiple)

Andrew M. L. & Co., Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fischer Machine Works (Adjustable), 1845 Carroll av, Chicago, Ill.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Root B. M. Co. ("Root"), York, Pa.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.

9458—Wood Carving Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Curtis Mach. Corp. ("Lochman," "Moore"), Jamestown, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Morey & Co., Inc., 46 Church, New York *See adv index at end of book*
Porter C. O. Machinery Co., 666 Front av, Grand Rapids, Mich.
Smith H. B. Machine Co., Smithville, N. J.
Valley City Machine Works ("Flying Dutchman," "Invincible," "Peerless," "Challenge," Carving Lathes), Grand Rapids, Mich.

Wood Chipping Machines

See Pulp Wood Chipping Machines

9459—Wood Chucking Machines

Jenkins Machine Co. (Double), Sheboygan, Wis.

9460—Wood Clipping Machines

Wetherill Robt. & Co., Chester, Pa.

9461—Wood Cutting-Off Machines

Adams W. T. Machine Co., Corinth, Miss.
Allis-Chalmers Mfg. Co. (Steam Feed Cutting-Off Saws), Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & John Co. (Foot & Power), Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Carey W. W. Co., Lowell, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Defiance Machine Works, Defiance, O.
Dodds Alexander Co., Grand Rapids, Mich.
Farquahar A. B. Co. (Ltd.), York, Pa.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Double & Automatic Self-Feed Cut-Off Saws), 1845 Carroll av, Chicago, Ill. *See adv index at end of book*
Hall & Brown Woodworking Machine Co. (Carriage Cut-Off Sawing Machines), 1929-33 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp., Oshkosh, Wis.
Holmes E. & B. Machy. Co., Buffalo, N. Y.
Jenkins Machine Co. (Oil Driven Automatic High Speed Cut-Off Saw), Sheboygan, Wis.
Kline Lewis T., Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
Luther B. G. Co. (Double Cut-Off), Worcester, Mass.
Marston J. M. & Co. (Hand), 226 Ruggles, Boston, Mass.
Mecklenburg Iron Works, Charlotte, N. C.
Newman Machine Co., Greensboro, N. C.
Ober Mfg. Co., Chagrin Falls, O.
Olney & Warrin, 301 Lafayette, New York
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Machine Tool Co. (Cut-Off Saws), Sidney, O.
Smith H. B. Machine Co. (Also Pendulum or Swing), Smithville, N. J.
Towsley Jno. T. Mfg. Co., Cincinnati, O.
Union Iron Works, Bangor, Me.
Victory Mach. & Lbr., Inc., Buffalo, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9462—Wood Cutting-Off & Equalizing Machines

Defiance Machine Works, Defiance, O.

9463—Wood Dish Machinery

Defiance Machine Works, Defiance, O.

Wood Embossing Machines

See Embossing Machines

Wood Fibre Machinery

See Fibre Machinery

9464—Wood Flooring Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Moltz Jacob J., Williamsport, Pa.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S 23d, Phila., Pa.
Smith H. B. Machine Co., Smithville, N. J.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

Wood Gang Boring Machines

See Wood Boring Machines, Multiple

9465—Wood Gang Drilling Machines

Fay J. A. & Egan Co., Cincinnati, O.
Williams, White & Co. (6 to 10 Holes), Moline, Ill.

9466—Wood Gang Sawing Machines

Bradley H. C., Bridgeport, Conn.
Fischer Machine Works (Cutting-Up Saws), 1845 Carroll av, Chicago, Ill.
Hall & Brown Woodworking Machine Co., 1929-33 N Bway, St. Louis, Mo.
Wickes Bros., 512 Tilden, Saginaw, Mich.

9467—Wood Graining Machines

Grand Rapids Panel Co., Grand Rapids, Mich.
Silver Hugh & Son, Ogdensburg, N. Y.

Wood Matching Machines

See Matching Machines, Wood

9468—Wood Mitreing Machines

Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Oliver Machinery Co., Grand Rapids, Mich.

9469—Wood Mortising Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.
Colgan Machinery & Supply Co. ("Champion"), Columbus, O.
Cordesman, Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Wood Working Machine Co. (Cabinet Hollow Chisel, etc.), 1929-33 N B'way, St. Louis, Mo.
Heath W. A. Machine Co. (Chair), Lestershire, N. Y.
Jenkins Machine Co. (6 or 8 Bit), Sheboygan, Wis.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Miller A. W. Mfg. Co. (Hand), 3542 Liston av, Cincinnati, O.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Smith H. B. Machine Co., Smithville, N. J.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Wysong & Miles Co. (Chair), Greensboro, N. C.

9470—Wood Moulding Machines

American Woodworking Mach'y Co., Rochester, N. Y.

Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.
Central Machine Works Co. (Double Spindle & Variety Moulding Machine), 1234 Central av, Minneapolis, Minn.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Woodworking Machine Co., 1929-33 N Bway, St. Louis, Mo.
Hermance Machine Co. (7, 8, 9, 10, 12 & 14 inches, four Side), Williamsport, Pa.
Marseilles Works of Deere & Co., East Moline, Ill.
Newman Machine Co. (For Outside Moulding), Greensboro, N. C.
Power L. & Co., 22 S 23d, Philadelphia, Pa.
Smith H. B. Machine Co., Smithville, N. J.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Vonnegut Machinery Co. ("Eaglesfield" Motor Driven), 19 W South, Indianapolis, Ind.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9471—Wood Paneling Machines

Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.

9472—Wood Paving Block Machines

Garland M. Co., Bay City, Mich.
Wheland Co., Chattanooga, Tenn.

9473—Wood Pipe Boring Machines

Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.

9474—Wood Polishing Machines

American Woodworking Machy. Co., Rochester, N. Y.
Defiance Machine Works (Belt, for Handles, Spokes, Rims, Felloes, etc), Defiance, O.
Elec. Rotary Mach. Co. (Electric Rotary Machine), 32 S Clinton, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Klotz Machine Co., Sandusky, O.
Nash J. M., 842 30th, Milwaukee, Wis.
Smith H. B. Machine Co. (Sand), Smithville, N. J.
Greenlee Bros. & Co., Rockford, Ill.

Wood Printing Machines

See Box Board Printing Machines

Wood Pulp Wet Machines

See Wet Machines, Paper Mill

9475—Wood Ring & Valve Handle Machines

Pringle & Brodie, 514 Carroll, Chicago, Ill.

9476—Wood Sawing Machines

Aeromotor Co., 2500 West 12th, Chicago, Ill.
American Sawmill Machinery Co., Hackettstown, N. J.
Appleton Mfg. Co. ("Appleton" Sliding & Tilting Table), Batavia, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Baker Mfg. Co., Evansville, Wis.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Belle City Mfg. Co., Racine, Wis.
Burlingame A. Co., Worcester, Mass.
Challenge Co. (Wood & Steel, Tilting & Sliding Table), Batavia, Ill.
Conner J. W. & Son, Orangeville, Pa.
CRESCENT MACHINE CO. THE, 512 Oak, Leetonia, O.
See adv index at end of book
Detroit Engine Works, Kerchols & Connors, Detroit, Mich.
Duplex Mfg. Co. (For Cord Wood), Superior, Wis.
Ellis Keystone Agricultural Works (Circular Saw), Pottstown, Pa.
Fairbanks, Morse & Co. (Type "Z" Engine Belted to a Tilting Table), 900 S Wabash av, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Flint & Walling Mfg. Co. ("Star," Steel Frame), Kendallville, Ind.
Gehl Bros. Mfg. Co., West Bend, Wis.
Globe Co. (Circular & Pole Saw for Cord Wood), Sheboygan, Wis.
Gowanda Agricultural Works (Wood Mill with Jack), Gowanda, N. Y.
Grace C. M. & Co., Huntsville, Ala.
Greenville Implement Co., Greenville, Mich.
HALL & BROWN WOOD WORKING MACHINE CO., 1929-33 N B'way, St. Louis, Mo.
See adv index at end of book
Harriman Mfg. Co., Harriman, Tenn.
Heebner & Sons ("Daisy"), Lansdale, Pa.
Hemingway Machine Co., Lynn, Mass.
Hertzler & Zook Co., Dept. H, Belleville, Pa.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
Kline Lewis T., Alpena, Mich.
Lyon Iron Works, Greene, N. Y.
Messinger Mfg. Co. (Swinging & Sliding Table), Tatamy, Pa.
Newman Mach. Co. (Swing), Greensboro, N. C.
Ober Mfg. Co., Chagrin Falls, O.
Perkins Wind Mill Co., Mishawaka, Ind.
Port Huron Engine & Thresher Co. (Sawing Only), Port Huron, Mich.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Taylor Iron Works & Supply Co., Macon, Ga.
Thompson Plow & Engine Works, Beloit, Wis.
Wheland Co., Chattanooga, Tenn.
Weaver & Co. ("Champion"), New Oxford, Pa.
Wodsedalak Jos., Algoma, Wis.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, 27, Mass.

9477—Wood Sawing Machines (Circular)

Am. Saw Mill Machinery Co., Hackettstown, N. J.
Barnes W. F. & John Co., Rockford, Ill.
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
Kidder R. E. Co. (For Ripping & Cross Cutting), Worcester, Mass.
Lyon Iron Works, Greene, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, 27, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9478—Wood Sawing & Splitting Machinery

See also Kindling Wood Machinery

Baker Wm. H. ("Baker" Splitting), Trenton, N. J.
Briggs Auto Wood Saw Co., 281 Hawthorne av, Portland, Ore.
Clark Foundry Co. (Splitting Only), Rumford, Me.
Deane Machine Co. ("Splitting Only"), Fitchburg, Mass.
Glascock Stove & Mfg. Co. ("Glascock" Wood Splitting), Greensboro, N. C.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Meier J. J. Machinery Co., 3412-14 Woolworth bldg, New York
See adv index at end of book
New Winona Mfg. Co. (Portable Wood Saws of Various Kinds), Winona, Minn.
West Point Iron Works (Splitters), West Point, Ga.
Wheland Co. (Splitting), Chattanooga, Tenn.

9479—Wood Scraping Machines

Whitney Baxter D. & Son, Winchendon, Mass.

9480—Wood Screw Machinery

Cook Asa S. Co. (Complete Plant Equipment), Hartford, Conn.
Manville E. J., Machine Co., Waterbury, Conn.
Townsend H. P. Mfg. Co. ("Townsend"), Hartford, Conn.

Wood Shaping Machines

See Shaping Machines, Wood

9481—Wood Shaping & Variety Moulding Machines

Central Machine Works Co. (Double Spindle), 1234 Central av, Minneapolis, Minn.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Sidney Machine Tool Co., Sidney, O.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, 27, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9482—Wood Surfacing Machines

American Sawmill Machinery Co., Hackettstown, N. J.
American Woodworking Machy. Co., Rochester, N. Y.
Chappell, Wayvell & Co. (Automatic Ball Bearing Electric Floor Desk), Waukegan, Ill.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., The, 512 Oak Leetonia, O. *See adv index at end of book*
Electric Rotary Machine Co. ("Electric Rotary Machine"), 32 S Clinton, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Newman Machine Co., Greensboro, N. C.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Machine Tool Co., Sidney, O.
Stetson-Ross Machine Works, Seattle, Wash.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Towsley Jno. T. Mfg. Co., Cincinnati, O.
Valley City Machine Works, Grand Rapids, Mich.
Whitney Baxter D. & Son (Single & Double Surfaces), Winchendon, Mass.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, 27, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9483—Wood Tenoning Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & John Co. (Hand Power), Rockford, Ill.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works (Chucking & Tenoning), Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Wood Working Machine Co., 1929-33 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp. (Single & Double End), Oshkosh, Wis.
Heath W. A. Machine Co., Lestershire, N. Y.
Kane & Roach, Syracuse, N. Y.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S. 23d Phila., Pa.
Smith H. B. Machine Co., Smithville, N. J.
Strong Carlisle & Hammond Co., 336-344 Frankfort av, N. W., Cleveland, O.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Vulcan Iron Works Co. ("Universal" Tenon & Boring Machines), Mason City, Ia.
Wilkin-Challoner Co. (Double End), Oshkosh, Wis.

9484—Wood Thread Cutting Machinery

Defiance Machine Works, Defiance, O.

9485—Wood Trimming Machines

Adams W. T. Machine Co., Corinth, Miss.
Fox Machine Co., Jackson, Mich.
Giddings & Lewis Mfg. Co. ("G. & L." Air Lift), Fond du Lac, Wis.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Lane Mfg. Co., Montpelier, Vt.
Lester & Wasley Co., Norwich, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Perkins & Co., ("Perkins" Bench Draw Stroke Trimmer), Grand Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

9485a—Wood Working Aeroplane Building Machines

Woods S. A. Machine Co., Boston, Mass. ("Planers of Woods"), 27 Damrell, Boston, 27, Mass.

9485b—Wood Working Machinery

See also the Specific Article Required

Bass Bros., 82 Walker, New York
Bolinders Co. ("Bolinders"), 30 Church, New York
Chicago Machinery Exchange (Wholesale), 1219 Washington blvd, Chicago, Ill.
CRESCENT MACHINE CO. THE, 512 Oak, Leetonia, O.
See adv index at end of book
Fisher & Davis Mfg. Co., 934 N First, St. Louis, Mo.

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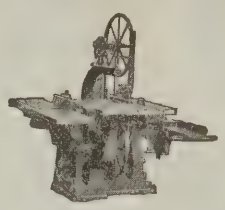
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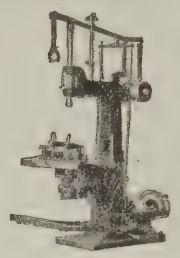
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Jones Superior Mach. Co. ("Superior"), 1264 W North av, Chicago, Ill.
Mann Corp. (Sash Trimmers), 72 W Adams, Chicago, Ill.
New Britain Machine Co., New Britain, Conn.
Porter C. O. Machinery Co., 666 Front av N W, Grand Rapids, Mich.
See adv index at end of book
Vonnegut Machinery Co., 19 W South, Indianapolis, Ind.
Woodworker Mfg. Co. (Power Driven Combination), 612 Brush, Detroit, Mich.
Woodworkers Tool Wks., 222 S Jefferson, Chicago, Ill.
Wunsch & Washburn, Stone av & McDougal, Brooklyn, N. Y.
Wysong-Miles Co., Greensboro, N. C.

9486—Wood Working Machinery (Hand & Foot Power)

Aumen Machinery Co., 109 E. Lombard, Baltimore, Md.
Barnes W. F. & Jno. Co. (Circular Sawing Machines), Rockford, Ill.
CRESCENT MACHINE CO. THE, 512 Oak, Leetonia, O.
See adv index at end of book
Connell & Dengler Machine Co., Allen & Platt, Rochester, N. Y.
Elliott Woodworker Co., Congress & Brush, Detroit, Mich.
Hendley & Whittemore Co., Beloit, Wis.
McDonough Mfg. Co., Eau Claire, Wis.
Machinery Co. of America, Big Rapids, Mich.
Machy Co. of America (Saw & Knife Fitting Machy & Tools), Grand Rapids, Mich.
Marston J. M. & Co., 226 Ruggles, Boston, Mass.
MOLITOR CHAS. MACHINERY CO., 118 S Clinton, Chicago, Ill.
Passelino Bros. Furniture Mfg. Co., 1111 Harper, Detroit, Mich.
Redin, Ekstioner Co., Rockford, Ill.
Toomey Frank Inc. (Dealers, Hand & Foot Power), 127 N 3rd, Phila., Pa.

9487— Wood Working Machines (Universal)

American Saw Mill Machinery Co., Hackettstown, N. J.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Buffalo Forge Co. ("Crain"), Buffalo, N. Y.
CRESCENT MACHINE CO. THE, 512 Oak, Leetonia, O.
See adv index at end of book
Elliott Woodworker Co., Congress & Brush, Detroit, Mich.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Parks Ball Bearing Mach. Co., Knowlton & Fergus, Cincinnati, O.
Schaefer Mfg. Co. ("Berlin"), Berlin, Wis.
Sidney Machine Tool Co. ("Famous"), Sidney, O.
Stetson Machine Works, 3204 1st av, S Seattle, Wash.
Tannewitz Works, Grand Rapids, Mich.
Toomey Frank Inc. (Dealers), 127 N 3rd Phila., Pa.
Vonnegut Machy. Co., 43 S Meridian, Indianapolis, Ind.
Woodworkers' Mfg. Co., 96 Brush, Detroit, Mich.
Woods S. A. Machine Co. ("The Planers of Woods"), 27 Damrell, Boston, 27, Mass.

9488—Wooden Corking Machines

Redlich Mfg. Co. (Hand), 647 W Oak, Chicago, Ill.

Woolen Machinery

See Textile Machinery. For page number consult Index of Contents

9489—Woven Wire Bed Spring Machinery

See also Wire Mattress Machinery

Cavagnaro John J., Harrison, N. J.
Erlandsen Julius, 172 Centre, New York
Houchin-Aiken Co., 113 53d, B'klyn, N. Y.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Lippert & Rhenstrom, Kenosha, Wis.
Wells Frank L. Co., Kenosha, Wis.

9490—Wrapper Cutting Machines

Shirk P. E., Blue Ball, Pa.

9490a—Wrapping Machines (Bread)

Heysen Mfg. Co., Sheboygan, Wis.
Waterproof Paper & Board Co., 427 E 6th, Cincinnati, O.

9491—Wrapping Machines (Candy)

Dellenberger C. E., 1949 Fulton, Chicago, Ill.
Ideal Wrapping Machine Co. ("Ideal," Caramel), Middletown, N. Y.
Knott E. R. Machine Co., 32 Dorchester, Boston, Mass.
Premier Machinery Co., Oakland, Cal.

9492—Wrapping Machines (Chewing Gum)

Dellenberger C. E., 1949 Fulton, Chicago, Ill.
Package Machinery Co., Springfield, Mass.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.

9493—Wrapping Machines (Fruit & Merchandise

Package Machinery Co., Springfield, Mass.
Pneumatic Scale Corporation (Ltd.), (Automatic for Cereals, Candy, Soap Powders, etc), Norfolk Downs, Mass.
Premier Machinery Co., Oakland, Cal.

9494—Wrapping Machines (Rubber Mill)

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Fdry. & Machine Co., Ansonia, Conn.
Housatonic Mach. & Tool Co., Bridgeport, Conn.

9495—Wrapping Machines (Soap)

Machinery Designing & Mfg. Co., 656 Hudson, New York
Package Machinery Co., Springfield, Mass.

9496—Wrapping Machines (Tire & Wire)

Augier Mechanical Laboratories (Fire), Framington, Mass.
Miller Chas. E. (Tire), Anderson, Ind.
Pierce Wrapping Machine Co., 625 W Jackson blvd, Chicago, Ill.
Rossman Roy G. (Tire), Seattle, Wash.
Terkelsen & Wennberg ("T. & W." Multiple), 326 A, Boston, Mass.
Thropp's Jno E. Sons Co. (Power Operated for Unwrapping Tread Tires), ft. of Lewis, Trenton, N. J.

9497-8—Wrapping Paper Machines

Beloit Iron Works, Beloit, Wis.

9499—Zinc Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

9500-1— Machinery Dealers

See also Mill & Factory Supplies

ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry Co.
Blount J. L. & Co.
Donahoo J. F. Co.
Lehman Chas. T. (New & Second Hand)
Lum Geo. E. (New & Second Hand Engines, Boilers, Saw Mill & Mining Machinery, etc.)
McClary-Jemison Machy. Co.
Moore-Handley Hardware Co. (New Engines, Boilers, Saw Mill Machinery)
Shook & Fletcher Supply Co.
Yates J. A. Machine Co. (Mining Machinery)
BRIDGEPORT—De Loach Mill Mfg. Co.
HUNTSVILLE—Grace C. M. (Engine & Boilers)
MOBILE—American Equipment Co.
Brown & Creary Supply Co., 8H St. Francis
Courtright & Whiting Supply Co.
McGowin Hardware & Supply Co.
Reliance Equipment Co.
Turner Supply Co. (New & Second Hand(
MONTGOMERY—Alabama Machinery & Supply Co. (Saw Mill Machinery)
Janney & Co.
Lum Machinery & Supply Co. (Engines, Boilers, Wood Working, etc)
SELMA—Bloch Bros.
Union Iron Works Co.

ARIZONA.

PHOENIX—Thayer Ezra W. (Engines, Mining Machinery & Agricultural Implements, etc)

ARKANSAS.

LITTLE ROCK—Cox Thos. & Sons Machinery Co.
Rosenbaum C. E., Machinery Co.
Schaad Ben D., Machy. Co.
MORRILTON—DeLong Machinery Co.
STUTTGART—Whaley J. F. (Agricultural)

CALIFORNIA.

LOS ANGELES—Arnott & Co. (Agricultural Only), 112 S Los Angeles
Cleveland W. L. Co. (Agricultural, etc)
Concrete Machy. Supply Co. (Concrete Machy. & Supplies)
Eccles & Smith Co., 243 S Los Angeles
Eby Machinery Co., 438 E 3d
Fulton Engine Works (Engines, etc)
Harper & Reynolds Co., 152 N Main
Harron, Rickard & McCone (Engine, Electrical, Woodworking, Mach., etc), 225 S San Pedro
HENS LOUIS G. (Machine Tools, Shop Equipment & Electric Cranes), Title Insurance bldg (See also Can Francisco)
Herbert Machy. & Supply Co., 401 E 3d
Jackson Byron Iron Works (Pumps), 336 E 3d
Kimball Frank J. Co., 1860 E 15th
Llewellyn Iron Works (Boilers, Engines, Pumps, etc)
McKain Mfg. Co., 921 Main N
Moore Chas. C. & Co., Van Nuys bldg (Pumps, Mining & Mill Machinery)
Smith-Booth-Usher Co.
United Iron Works
OAKLAND—American Machine Works (new & used)
Bay City Iron Works (New & Used), 221 Wash
RIVERSIDE—Parker Machine Works, 491 Mulberry
Wigmore John & Sons Co., 401 E 4th

SAN DIEGO—Hazard Gould Co.
Machinery Supply Co.
Mayer Sidney E. Co. (New & Used)
Western Metal Supply Co.
SAN FRANCISCO—Baker, Hamilton & Pacific Co. (Creamery machinery), 7th & Townsend
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), (Metal Working Machinery, Food Preserving Machinery, Machinery Supplies), 365 Market
Byron Jackson Iron Wks., Sharon bldg
California Hydraulic Engineering & Supply Co. (Engines, Boilers, Pumps, Motors, etc), 70 Fremont
California Saw Works, 721 Brannan
Coast Supply Co., 24 California
EBY MACHINERY CO. (Saw Mill & Wood Working Machinery), 35 Main
Eccles & Smith Co. ("Machine Shop Tools, Air Compressors, Pneumatic Tools, etc) 71 1st
Fay Geo. H. Co., 599 Mission
General Machinery & Supply Co., 39 Stevenson *See adv index at end of book*
Hampton Electric & Machine Co. (Elec. Motors, etc.), 518 Mission
Harron, Rickard & McCone (General, etc), 139 Townsend
Henes Louis G. (Machine Tools, Shop Equipment & Electric Cranes), 75 Fremont. (See also Los Angeles)
Lyon H. F. Co., 24 California
Machinery Dealers' Agency, 593 Market
MEESE & GOTTFRIED CO., 660 Mission
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), Sheldon bldg
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), (Metal Working Machinery & Supplies), Fremont & Mission
Scovel Iron Store Co., 754 Howard
Sherbesman J. P., 375H Monadnock bldg
Small C. H., 1002H Monadnock bldg
Stallman F. O. Supply Co., 129 1st
Wagner Jos. Mfg. Co. (Flour Mill, etc), 165 Beale
Ward Fred & Son, 164 1st
Woodin & Little (Steam Pumps, Gasoline Engines, etc), 33 Fremont
Young A. L. Machinery Co., 28 Fremont

COLORADO.

DENVER—Advance Machinery & Supply Co.
Denver Engineering Works Co.
Denver Metal & Machinery Co. (Jobbers)
Flint Electric & Mfg. Co.
Mine & Smelter Supply Co. (Engines, Boilers, Pumps, etc)
Moore H. W. & Co., Dept. H, 18th & Wazee
Morse Bros. Machinery & Supply Co. (Mining Machinery, Hoisting Engines, etc)
Stearns-Roger Mfg. Co.
LEADVILLE—McCarty & Moore
PUEBLO—Pueblo Brass & Iron Foundry

CONNECTICUT.

BRIDGEPORT—Eaton John A. (Second-Hand)
Bradford Machinery Co. (New & Second Hand)
Gledhill & Co. (Second-Hand)
Lucas J. L. & Son Inc. (New & Used)
Nilson A. H. Mach. Co.
HARTFORD—Pickering W. H. & Co.
Purinton & Smith Co.
Stacy Supply Co., 189H Allyn
PLAINVILLE—Ideal Switch & Machy. Co., Inc.
WATERBURY—Ashenden, H. W.
Waterbury Scrap Iron Co. (Second-Hand)

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co. (Engines, Pumps, etc)

DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Pump & Well Co., 522 12th, N W
National Electrical Supply Co. (Machinery, Pumps, Engines, Dynamos, etc), 1330 N. Y. av.

FLORIDA.

JACKSONVILLE—Brook-Sharp Machinery Co. (& Supplies)
Cameron & Barkley Co.
Christopher J. G. Co.
Consolidated Engineering Co. (Elec. Machy.), Dept. H
Farquhar Machinery Co.
Malsby Machinery Co.
LAKE CITY—Johnson L. W.
LAKELAND—Pinch Co. (Electrical)
OCALA—MacKay Geo. & Co. (Engines, Boilers, Pumps, Phosphate Machinery, etc.), Dept. H
PENSACOLA—Gulf Mach. Wks. (Second-Hand)
TAMPA—Cameron & Barkley Co.
Johnson Joe B. (Engines, etc)
Parcell F. S.

GEORGIA.

ALBANY—Albany Mill Supply Co.
ATHENS—Athens Foundry & Machine Works
ATLANTA—Am. Machy. Co. (Farm), 67 So. Forysth
Armstrong R. S. & Bro. (New & Second-Hand Air Compressors, Engines, Boilers, Electrical Iron & Woodworking)
Atlanta Machinery Exchange (New & Second-Hand Boilers, Engines)
Atlanta Textile Machy. Co. (Used Textile Machy.), Austell bldg
Avery & Co. (Saw Mill, etc)
Bailey-Burruss Mfg. Co.
Cotton States Belting & Supply Co.
Fulton Supply Co.
Graves Machy. Co., H, Healey bldg
Malsby Co. (Engines, Boilers, Saw Mill, Machinery, etc)
Seeger Machine Tool Co., 34 S Forsyth
Seeger-Walraven Co.
Southern Constr. & Supply Co. (Ice & Refrigerating), 116 Central av
Southern Machinery Co. (Farm)
Thomasville Iron Works Inc. (Sugar Cane, Saw Mill Machy., etc.)
Walraven Co., The, 36-38 W Alabama
AUGUSTA.—Lombard Iron Works & Supply Co. (Engines, Boilers, Saw Mills, etc)
BRUNSWICK—United Supply Co.
COLUMBUS—Columbia Iron Works
DALTON—Hardwick W. M.
ELBERTON—Lunsford G. A. & Sons
MACON—Schofield's J. S. Sons Co. (Engines, Pumps, Saw Mills, etc)
Taylor Iron Works & Supply Co. (Gasoline & Oil Engines, Boilers, Mill Machinery, etc)
ROME—Battey Machinery Co. (Engines, Boilers, Gin & Saw Mill Machinery)
Rome Machine & Foundry Co.
SAVANNAH—Georgia Supply Co. (New)
Kehoe Iron Works (Machinery of All Kinds, Boilers, etc.)
Rourke Jno. & Sons
Savannah Supply Co. (Engines, Boilers, etc)
THOMASVILLE—Thomasville Iron Works, Inc.

ILLINOIS.

BLOOMINGTON—Constant B. S. Mfg. Co.
Keiser-Van Leer Co. (Engines, Pumps, Boilers, etc)
BRIDGEPORT—Illinois National Supply Co.
CAIRO—Reed Hardware & Mfg. Co. (Iron Working Tools, etc.)
CASEY—Illinois National Supply Co.
CHICAGO—Alton Iron & Metal Co., 2122 S Loomis
Allen B. C. Co., 551 W Monroe
Anderson Chas. L. Machy. Co., 2256 W Walnut
Austin & Western Road Machinery Co. (Road-Making, etc), 910 S Michigan av
Besly & Co., Chas. H., 570 W Randolph
Campbell-Bosworth Machy. Co., 18 S Market
Carpenter Geo. B. & Co., 440 N Wells
Chicago Brick Machy. Co., 20 W Jackson blvd
Chicago Engineer Supply Co., 68 W Lake
Chicago Machinery Exchange (Woodworking Machy.), 1217 Washington blvd
Chicago Pulley & Shafting Co. (Power Transmission), 40 S Clinton
Dickow Fred C. (Machine Tools), 3504 W Lake
Economic Machinery Co., 53 W Jackson blvd
Electrical Machinery Sales Co., 327 S La Salle
Ellis R. E. Engineering Co. (Production Machinery), 621 Washington blvd
Ellis R. E. Engineering Co., 549 Washington blvd
Essley E. L. Machinery Co. (Machine Tools, etc.), 555 Wash'n blvd
Federal Machinery Sales Co., 12 N Jefferson
Gregory Electric Co. (Electric), 1601 S Lincoln
Harris Bros. Co., W 35th & Iron
Harris Sam'l & Co. (Machine Shop Machinery, Tools, etc), 114 N Clinton
Henion & Hubbell (Pumps, Steam, Power, Electric, Hand, etc), 219 N Jefferson
Hill, Clarke & Co. of Chicago (New Remanufd. Machinery), 625 Washington blvd
Latham Machinery Co., 1153 Fulton
Lennox Machine Co., 2558 W 16th
Lower W. B. & Co. (Contractors), 415 S Dearborn
Machy. Warehouse Co., 1455 W 38th
Manning, Maxwell & Moore, 27 N Jefferson
Marshall & Hushcart Machinery Co. (Machine Tools & Miscellaneous Machy.), 17 S Jefferson
Mayer F., 53 W Jackson
MOLITOR CHAS. MACHINERY CO. (New & Second Hand, Tinners & Woodworking), 118 S Clinton
Moore Bros. Crane Co., 39 S La Salle
See adv index at end of book
Pfannmueller Engineering Co. (Engineers & Power Equipment), 38 S Dearborn
Read Machinery Co., 443 S Dearborn
Ryerson Joseph T & Son, 2558 W 16th
See adv index at end of book
Schramm Chris D. & Son, Inc., 605 S Dearborn
Scully-Jones & Co., 647 Railway Exc. bdg
Scully Steel & Iron Co. (Heavy Machy.), 2364 S Ashland av
Shaw, Willis (New & Second-Hand), 30 E Jackson blvd
Stocker-Rumley-Wachs Co., 117 N Jefferson
Street R. R. & Co., 26-28H N Clinton
Vulcan Engineering Sales Co., 1764 Elston av
Walworth A. O. & Co. (New & Second Hand Machine Shop Equipment), 30 S Clinton
Wanner Machy. Co. (Printing Machines), 716 Dearborn
White A. D. Machinery Co. (Machine Tools & Machy.), 108 N Jefferson
Williamson H. C., 321 N Crawford av
CHICAGO HEIGHTS—Gordon Supply Co.
Wallace C. E. & Co. (New & Second Hand)
ELGIN—Hawthorne Hardware Co.
LAWRENCEVILLE — Illinois National Supply Co.
MENDOTA—Mendota Mfg. & Transfer Co.
PEORIA—Armstrong Jas. C. Machine & Fdry. Co. (Engines, Pumps, etc)
QUINCY—Hollister-Whitney Co.
SPRINGFIELD—Ansell, Oscar
TAYLORVILLE—Baughman Bros. (Agricultural)

INDIANA.

BLOOMINGTON—Seward & Co. (Engines, Pumps, etc.)
EVANSVILLE — Evansville Supply Co. (New, Engine, Boiler & Power Transmitting, Machinery, etc)
Grote F. Mfg. Co.
FORT WAYNE—Mossman, Yarnelle & Co. (New, Engines, Boilers, etc)
National Mill Supply Co. (Engines, Boilers, etc.)
Wayne Machy. Co.
INDIANAPOLIS—Bock Equipt. Co., 1900 Northwestern av
Drava-Doyle Co., 1207 N Illinois
Dunning Carl Supply Co.
Indianapolis Machinery Co., 462H W Washington
Kenney Machy. Co. (Agricultural Mach.), 124 S Capitol av
Van Camp Hardware & Iron Co. (Engines, Boilers, etc), 401 W Maryland
Vonnegut Machinery Co. (Machine Tools, Power Transmission Machinery, Electric Motors, Machine Shop Equipment, Woodworking & Second Hand Machinery)
MARION—Marion Machine, Foundry & Supply Co. (Engines, Boilers, Tanks, etc)

IOWA.

CEDAR RAPIDS—Fawcett C. E. (Electrical, Iron & Woodworking)
DES MOINES—Globe Machinery & Supply Co. (Engines, Boilers, Pumps, etc)
Iowa Machinery & Supply Co.
MARSHALLTOWN—Lennox Machine Co. (See Chicago, Ill.)
OTTUMWA—McDaniel C. E.
TIPTON—Tipton Hardware Co.
WATERLOO — Chamberlain Machine Works (Gas Engines)

KANSAS.

ENTERPRISE—Ehrsam J. B. & Sons Mfg. Co.
INDEPENDENCE—National Supply Co.
LEAVENWORTH—Fisher Machine Works Co.
WICHITA—Western Iron & Foundry Co.

KENTUCKY.

LOUISVILLE—Brandies Machinery & Supply Co., 331 W Main
Graft-Pelle Co. (Pumping Machinery), 111 N 3rd
Grainger & Co.
Morton E. D. & Co. (Machine Tools, Power Transmission, etc), 516 W Main
Pyne Co.
Vogt H. Machine Co. Inc.
OWENSBORO—Gunther Hardware Co.

LOUISIANA.

JEANERETTE—Fay Bros.
MONROE—Weaks Supply Co.
NEW ORLEANS — American Hoist & Derrick Co., 712 Union
Baldwin A. & Co., Ltd., Camp & Common
Boland Machine & Mfg. Co. (Drainage, Irrigation Pumps, etc.), 1006 Tchoupitoulas
Cudlip Belting & Machinery Co., 317 Tchoupitoulas
See adv index at end of book
Fairbanks Co., Camp & St. Joseph
Globe Supply & Machinery Co., 627 S. Peters

LOUISIANA—New Orleans—continued
Haubtman & Loeb Co. Ltd. (Engines, Boilers, Pumps, etc., New & Second Hand), 618 Magazine
Lockett A. M. & Co. Ltd. (Engines, Boilers, Pumps, etc.), 533 Baronne
McArdle P. H., 822 Poydros
Menge Pump & Machy. Co., 826H Tchoupitoulas
Murphy Jno. H. Iron Works (Engines, Boilers, Pumps, & Sugar & Machinery, etc), 643 Magazine
Patterson C. T. Co. (Ltd.), 801 Tchoupitoulas
Southern Jobbers & Supply Co.
Southern States Equipment Co. (Second Hand), 712H Hennen bldg
Standard Supply & Hdwe. Co., 828H Tchoupitoulas
Stern Foundry & Machy. Co., 1630H Annunciation
Transmission Machiuery Co., 1146H Tchoupitoulas
Van Horn Oliver H. Co., Inc., 518 Camp
Whitney Supply Co., 418 S. Peters
Woodward, Wight & Co. (Ltd.), Howard av & Constance
SHREVEPORT—Henderson W. K. Iron Works & Supply Co.

MAINE.

PORTLAND—Dunn M. E.
Portland Co. (Engines, Boilers & General Machinery)

MARYLAND.

BALTIMORE—Aumen Machinery Co. (Iron & Woodworking Machinery, Engines, Boilers, Pumps & Power Transmission Machinery), 109 E Lombard
Boston Iron & Metal Co. (Second-Hand Engines, Boilers, Pumps, etc), cor Pratt & Fremont av
Carey Machinery & Supply Co. (Engines, Pumps, etc, & Metal & Woodworking Machinery), 119 E Lombard
Coggins & Owens, 19 S Charles
Crook, H. E. Co. Inc. (Engines, Boilers, Pumps, etc), 28 Light
De Ved & Sons Sash Weight Co. (Second-Hand), 307 So Howard
Kemp Machinery Co., 215 N Culvert
Kries Henry A. & Sons Co., 8 W Lombard
Mallory Machinery Co. (Engines, Boilers, Pumps, Machine Tools, etc), 522 Light
Maryland Equipment Supply Co., Equitable bldg
Meyer Henry H. Co. (Engines, Boilers, Pumps & Contractors' Machinery, etc), 110 S Howard
Standard Elec. & Elevator Co., Inc., 118 E Pratt
See adv index at end of book
Stebbins Wallace & Sons (Engines, Pumps, Boilers, etc), 100 S Charles
Zies Chas. & Sons Co. (Engines, Pumps, & Butchers' Machy., etc), 320 S Fremont av
CUMBERLAND—McKaig Merwin
SALISBURY—Grier R. D. & Sons Co. (Engines, Boilers, Saw Mills, Power Transmitting Machy., etc.)

MASSACHUSETTS.

BOSTON—Andren Karl Co. (Power Equipment, Steam & Electrical), 148 Pearl
Beal David & Co (New & Used), 370 Atlantic av
Beal Joseph & Co. (Machsts' Tools), 465 Atlantic av
Byers & Smith, 105 Haverhill
Caddy Electrical Equipment Co. (Motors, Generators, Steam Engines, etc), 77 Washington
Coleman W. C. Co. (Specialty Rubber Mill Machy.), 161 Summer
CUTTER & WOOD SUPPLY CO. (Machinists' Tools, etc.), 274 Friend
See adv index at end of book
Factory & Mill Supply Co. (Metal Trades Machinery), 137 Oliver
Fairbanks Co. (Machine Tools, Machinery, etc), 42 Pearl
Firth Wm. (Textile), 200 Devonshire
Fitzgerald W. H. J. & Co. (Metal Trades Machinery), 165 High
Freidus B. & Co. (Machine Tools), 453 Atlantic av
General Machinery & Supply Co., (Electrical, Transmission, etc.), 382 Atlantic av.
See adv index at end of book
Hill, Clarke & Co., Inc. (Machine Tools, etc), 156 Oliver
Jarvis Engng. Co. (Engines, Boilers, etc), 261 Franklin
Lynd-Farquhar Co. (Machine Tools), 419 Atlantic av
McLaughlin Geo. G. Mfg. Co., 24 Washington, N
Manning, Maxwell & Moore, 10 High
Moore Frank K. Co. (Woodworking), 182 High
Morton A. M. & Co. (Engines, Boilers, etc), 25 Washington
Myerson Joseph (Electrical & Transmission), 411 Atlantic av
See adv index at end of book
Perrin, Seamans & Co., 57 Oliver
Pratt R. W. & Son, 111 Haverhill
Prentiss Henry & Co. (New & Second-Hand Machine Tools), 49 Federal
Ridlon Frank Co. (New & Second Hand Dynamos, Motors, Engines, Pumps, etc.), 251 A
Riley C. E. Co. (Textile3, 161 Devonshire
Sampson Geo. H. Co. (Rock Drills, Air Compressors, etc), 13 Pearl
Supple Francis (2nd Hand), 330 Atlantic av
Taylor Machinery Co., 78 Batterymarch
Waldo Bros. & Bond Co. (Engines, Pumps, Contrs.' etc.), 181 Congress, Dept. H
BROCKTON—Kimball Bros. & Sprague,
EAST CAMBRIDGE—Holt, Shattuck & Co. (Engines, Boilers & Woodworking Machinery, etc.), 29 Otis
FALL RIVER—Murray Jas. A. (New & Second-Hand)
GREENFIELD—Stearns Joel M. (Engines, Agricultural Implements, Milking Machines, Tractors)
LOWELL—Adams J. T. & M. J., 46 Leverett
Bartlett W. T. S. (Metal Woodworking Power Transmissions, etc)
ORANGE—Chase Turbine Mfg. Co. (Engines, Boilers, etc)
PITTSFIELD—Howard Frank (Agricultural Machinery
Robbins, Gamwell & Co. (Engines, Pumps, etc)
SPRINGFIELD—Bacon-Taplin Co. (Engines, Agricultural Implements, etc)
Ehrlich A. B. & Co. (Second Hand)
Hannon-Finton Co. (New & Second-Hand Engines, Boilers, Pumps, Machy., etc)
Russell Jno. W. & Sons Co. (New & Second Hand Engines, Shafting, Pulleys, etc)
Stacy E. S. Machine Co. (Engines, Boilers, Machinery, etc),
WORCESTER—Brierly Lombard Co., 665 Main
Buxton W. A.
Fairbanks G. L. & Son (Farm Machinery), 166 Union
McMahon Bernard H. (Second Hand)

MICHIGAN.

ALMA—Montigel J. M.
ALPENA—Kline Lewis T.
BAY CITY—Baird W. J. Machy. Co.
Meister R. & Son
DETROIT—Baird W. J. Machy. Co., 265 E Jefferson
Cadillac Tool Co., 268 Jefferson av
Dutton J. B. Machinery Co., 58 Washington blvd
English & Miller Machy. Co., Majestic bldg
Fales C. E. Machinery Co., Kerr bldg
Jefferson Iron Wks. Co., 7 Jefferson av
Kerr Machinery & Supply Co., 100 Beaubien
Machy. Sales & Electric Co., 5H E Fort
Mitshkun M. Co. (Engines, Boilers, Pumps, etc), 935 Dix
Riverside Machinery Depot (New & Second-Hand), 17-29 St. Aubin av
Strelinger Chas. A. Co. (Machine Tools, General Machinery & Shop Supplies), 43 E Larned
Stickley E. B. Machy Co. (New & Used Metal Working Machinery), 217 E. Congress
Wayne Scrap Iron & Metal Co., 522H S Campbell av
GRAND RAPIDS—McMullen Machine Co.
LANSING—Michigan Supply Co.
SAGINAW—Bartlett A. F. & Co. (New & Second Hand)
Heginbottom S. H. & Sons
Jackson & Church Co.

MINNESOTA.

DULUTH—Duluth Machinery Co.
Boustead Elec. & Mfg. Co. (Electric), 18 E Hennepin av
MINNEAPOLIS—Harris Machinery Co. (Engines, Boilers, Pumps, Wood & Iron Working Machy), Washington & Univ. S E
Hillman Joseph (Engines, Boilers, Pumps, Saw Mill Machinery, etc)
Howell R. R. & Co., 31st av
Northern Machinery Co., 503 S 6th
Power Equipment Co. (Grain Handling etc) 212 3rd av. N
ST PAUL—Robertson J. G., 2542 University av
Robinson, Cary & Sands Co., Fourth & Wacouta
Whiteacre R. B. & Co. (Engines, Boilers, etc)

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
HATTIESBURG—Komp Machinery Co., H, East Pine
MERIDIAN—General Supply & Machy. Co., Hyde Chas. J.

MISSOURI.

CLINTON—Industrial Iron Works (Engines, Pumps, Boilers, etc)
JOPLIN—Landreth Machinery Co.
United Iron Works Co. (Engines, Boilers, Pumps & Mining Machinery)
KANSAS CITY—Bishop, Wilson & Co. (New & Second Hand), 412H Reliance bldg
Bonniwell-Calvin Iron Co. (Engines)
Brunner H. J. Hardware & Machine Supply Co. (Iron & Woodworking Tools), 1306 Grand
Creamery Package Mfg. Co., 931 W Eighth
English Tool & Supply Co.
Equipment Co. (Machine Tools, etc), 1531 Walnut
Great Western Mfg. Co., 1221 Union av
Haysler Iron Co. (Iron & Woodworking), 1206 Union av
Independent Electric Machinery Co., 1917 Central
Kansas City Engineering Co., Scarritt bldg.
Liggett J. W. & Son (Second Hand) 601 W 5th
Phillips Victor L (Contractors), 7th & Delaware
Revere Rubber & Supply Co., 1520 Main
Standard Machine Tool & Supply Co. 1st & Main
U. S. Water & Steam Supply Co., 1315 W 12th
ROCKVILLE—Meyer Jas. S.
U. S. Water & Steam Supply Co.
Walker W. S. (Importer)
ST. JOSEPH—Richardson Geo. O. Mach'y Co.
ST. LOUIS—Barry-Wehmiller Machinery Co., 4660 Florissant
Blackman Hill McKee Machy. Co., 1513 N B'way, Dept. H
Brown-McDonald Machinery Co. (Engines, Boilers, Metal & Woodworking Machinery), 2323 N 9th
Campbell Iron Co., 809-19H Cass av
Colcord-Wright Machinery & Supply Co., Machine Tool & Machinery), 1223 to 1229 N B'way
Ellison Wm. & Sons Mfg. Co.
Fisher & Davis Mfg. Co. (Engines, Boilers, Pumps, etc.), 934 N 1st
Gruendler Patent Crusher & Pulverizer Co., 912 Main
Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1929-33 N B'way
Hirsch Cal. & Sons Mercantile Co., 300 S B'way
Johnson Wm. C. Sons Mach. Co.
Manning, Maxwell & Moore (All Kinds), Railway Exchange bldg
P.-K. Engineers, 1906 Pine
Ramming John Machine Co., 300 S. Main
Reeves & Skinner Machinery Co., 2211 Olive
St. Louis Belting & Supply Co., 509 S 4th
Sligo Iron Store Co. (Woodworking), 6th & O'Fallon
Teuscher & Son, Machy. Supply Co. (Second Hand Power Transmitting), 527 N 2nd
Wilson H. R. Mach'y Co. (Second-Hand), Federal Reserve Bk. bldg
Zelnicker Walter A. Supply Co. (Second Hand Saw Mills, Engines, Boilers, Cranes, Power Plant & Contr. Equip., Locomotives, etc.), 325 Locust
See adv index at end of book
SEDALIA—Barley Thomas K.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BILLINGS—Connelly F. B. Co., 423 North Broadway
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter A. M. Hardware Co.
KALISPELL—Kalispell Mercantile Co. (Pumps, Boilers, etc.)

NEBRASKA.

OMAHA—American Supply & Machy. Co. (Elevating, Conveying & Power Transmitting Machy.)
Sunderland Machinery & Supply Co.
U. S. Supply Co.

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.

NEW JERSEY.

BAYONNE—Hudson Iron & Metal Co. (Second Hand), ft. E 22d
HOBOKEN—Tiffany Hall & Co., Inc. (Second-Hand Electrical), 7th & Adams
JERSEY CITY—Bertolette Mach. Tool Co. (New & Second-Hand), 220-228 Orient av
Industrial Machinery Corp. (New & Second-Hand), 147 Provost
Power Machinery Exchange, Inc. (Second Hand), 1 Montgomery
Wickes Machinery Co. (Dynamos & Motors, Engines, Boilers, Pumps, etc.)
NEWARK — Brown Hunkle Corp., 26H Mechanic
Consolidated Machy. Exchange (Second-Hand), 201 Mulberry
Davis Mach. & Motor Co., Inc., (Second-Hand Motors), 59 Mechanic
Machinery & Equipment Co., Inc. (Second-Hand Chemical), 225 Sherman av

Millington & Bradshaw (New & Second Hand Engines & Machinery), 69 N J RR av
Morris Machy. Co., 95 Chestnut
New Jersey Machinery Exchange, 21 Mechanic
Skinner & Leary Co. (Engines, Gearing, etc), 19 Com'l
Walsh's Sons & Co. Inc. (Engines, Boilers, Pumps, etc.), 295-305 Passaic
NEW BRUNSWICK—Simplex Automobile Co.
Tidey M. B. (Woodworking Machinery, etc.) 80 Warren
PATERSON—Van Winkle J. A. Co., 395-405 Passaic **(Engines, Boilers, etc.)**
PHILLIPSBURG— Gibney Iron & Steel Co. (Second-Hand Boilers, Engines Pumps, etc.)
TRENTON—Ivens Wm. H. Sons Co. (Engines, Boilers, etc, New & Second Hand), P. O. Box 647
Manufacturers Selling Co. (Second-Hand Electric Motors, Engines Pumps, etc)

NEW YORK.

ALBANY—Nicholson Aaron
Simmons Machine Co., Inc., 987 B'way
BINGHAMTON—Gaylord & Eitapence Co. (Engines, Boilers, etc.)
Shapley & Wells
BROOKLYN—See New York City, (Borough of Brooklyn)
BUFFALO—Beals, McCarthy & Rogers (Grinders, Shears, Punches, Welding Outfits, Annealing Furnaces, etc.), 44 Terrace
Day Machy. Co.
Fairbanks Co., 108 Pearl
Hirshman W. F. Inc. (Bakery, Chemical, Paint, Ventilating, Elevating & Conveying, etc.), 92H Main
Lenahan Frank & Son, 53 Fulton
Osgood Tool Co. J. E.
Osgood J. L. Tool Co.
Prentiss Henry & Co. (New & Second-Hand Machine Tools), Morgan bldg
Root Neal & Co. (New & Second Hand Pumps, Compressors, **Machinery,** Conveying, Elevating & **Power** Transmitting Appliances), 173 Main
Ullman, Jacob, 84 Oneida
Whitman Machine Co., 178 Ohio
CORTLAND—McKee J. L. Supply Co.
KINGSTON—Lawton Wm.
MIDDLETOWN—Coleman Galen (Engines Boilers, **Mill & General Machinery,** etc.)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Briggs Marvin Co., 167 6th
Brown Jas. H. (And Second-Hand Machinery), 139 Third av
Houchin-Aiken Co., 113 53d
Kasper & Koetzle Hardware Co., Inc., 565 Bushwick av
Saladin Louis, 1241 DeKalb av
Thompson-Bonney Co. (Elect), 18 Henry

Boroughs of Manhattan and Bronx.

NEW YORK—Affleck Geo. E. (Iron & Brass Working Machy.), 136 Liberty
Working Machy.), 136 Liberty
American Machinery Exchange, 217 Centre
Archer & Baldwin (Electrical, etc), 114 Liberty
Bacon Earle C., Inc. (Rock Crushers), Hoisting & Mining Machinery, 26 Cortlandt
Barbour Love & Woodward, 149 B'way
Becker & Co., Ltd. (Export), 90 West
Bender Geo. (Second Hand Electric), 128 Center
Bennett, F. A., 30 Church
Borne Chas. A. Co. (Electric), 37 Wooster
Bowman Walker, 39 Cortlandt
Brearley H. P. (Second Hand), 90 West, New York
Bronx Derrick & Tool Co. (Second Hand), 143rd & Southern blvd
See adv index at end of book
Brum Kimball Co. (Marine Engines), 155 W 15th
Buchanan C. G. Co., 90 West
Calleson C. A., 50 Church
Church St. Machy. & Eng. Corp. (Exporters), 30 Church.
Clark W. Co., 149 B'way
Coats Mach. Tool Co., Inc. (Export), 110 W. 40th
Colman Machy. & Tool Co., 38 Park row
Consolidated Machy. & Wrecking Co. (Second-Hand), 140 Nassau
Consolidated Products Co., 15H Park Row
Curtiss-Willis Co. (New & Second-Hand), 30 Church
Dale Mach. Co. Inc., 54 Lafayette
Daniels Arthur Co. (New & Second-Hand), 13 Park row
Davis Wm. F. Mach. Tool Co., Inc., 35 Liberty
Deeley Robt. & Co. (Sugar Machinery) 29 B'way
Donegan & Swift (Engines, Boilers, Pumps, Blowers, etc), 6 Murray
Dooley-Killian Co., Inc. (Second-Hand), 26 Cortandt
Dunkle Arthur J. & Co., 50 Church
Eagle Machinery Co. (Metal Working), Centre & Walker
Fairbanks Co., 416 Broome
Freidus M. (Second-hand), 210 Centre
Frevert Machinery Co. (New & Second-Hand), 38 Vesey
Garrett W. D. & Co. (Machine Tools & Woodworking Machinery, etc), 126 Liberty
Gelb J. & Co. (Second-Hand), 203 Centre
Glander & Co. Inc. (Second Hand), 115 B'way
GODFREY-KEELER CO. (Engines, Boilers, Pumps, Blowers, etc), **70** Warren *See adv index at end of book*
Goss Geo. F. Machy. & Supplies Co. (New & Second-Hand), 30 Church
Granger A. D. Co. (Engines, etc), 15 Park Row
Graves Machy. Exchange, (Second-Hand), 50 Church
Harper Machinery Co. (Engines, Boilers, Pumps, etc), 50 Church
Hill, Clarke & Co., 136 Cedar
Holcomb D. S. & Co. (Electric), 243 Canal
Hollander Machinery Co., Inc. (Second-Hand), 3 Howard
Howland F. L., 90 West
Hubbard-Floyd Co., Inc. (Second-Hand), 90 West
Humbert J. S. (Pumping, etc), 114 Liberty
Inter-Continental Machinery Corp., 165 B'way
International Engineering Works, 15 Park Row
Kalb Adam, 162 Grand
Kaufman Machinery Co. (Second-Hand), 89 Center
Kelley E. B. Co. (Concrete), Grand Central bldg
Klein Nathan & Co. (Dynamo & Motors), 208 Center
Leaf E. B. Co., 50 Church.
Lebedjeff V. V. Eng. & Sup. Co., 227 Fulton
Lamberg A. & Co. (Second-Hand), 243 Centre
Leonard & McCoy (Engines, Boilers, Pumps, etc), **161 Washington**
Linder H. J. (Electric, etc), 50 Church
Litho Stone & Machinery Co., 494 Broome
Ludeman Edwin H. (Power Plant Equipment, Engines & Boilers), 165 B'way
MacCabe J. J. Lath & Machinery Corp. Machine Tools), 149 Broadway
MacGovern & Co., Inc. (Electric, Steam, etc.), 114 Liberty
Machinery Utilities Co. (Chemicals), 501 Fifth av
MacNab John Machinery Co. (Export), 90 West
Macwatty D. & Co. (Engines, Boilers, Pumps, etc), **103 Chambers**
Manhattan Machinery Exchange (Second-Hand), 30 Church
Manning, Maxwell & Moore (All Kinds), 119 W 40th
Master Mach. Wks., 110 W 40th
Midgley & Prentice, Inc. (Second-Hand), 30 Church
Miller Thos. C. (Motors, Dynamos, Fans), **78 Bible House**
Mine & Smelter Supply Co., 42 B'way
Mitchell-Tappen Co., 15-17 John
Modern Machinery Exchange (Second-Hand), 52 Walker
Montgomery & Co. (Machinery & Tools), **105 Fulton**
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), 50 Church
Morey & Co., Inc., 410 Broome
Mullen T. J. (Second Hand), 30 Church
New York Machinery Exchange (Engines, Boilers, Pumps, Machinery & Iron Works, Tools, etc), 50 Church
Niles F. H. & Co. Inc., 233 B'way
Northwest Trading Co. Ltd., 231 B'way
Olney & Warrin (Machinery, Tools & Supplies), **301 Lafayette**
Patterson, Gottfried & Hunter (Machinery & Tools, etc), 149 La fayette
Parmele, Chas. L., 50 Church
Pels Henry & Co., 90H West
Pinner R. A. (Engines & Boilers Metal & Wood Working Machy. etc), 122 Water
Pipe & Contractors Supply Co. (Second-Hand), 3 Dover
Prentiss Henry & Co., Inc. (New & Second-Hand Machine Tools) 149 B'way
Prichard C. W. Co. Inc.
Rich & McLean (Printers Second-Hand), 73 Beekman
Richards & Hirschfeld Inc., 50 Church
Roberts Geo. I. & Bros., 471 4th av.
Salzberg H. E. Co., Inc. (Second-Hand Electric), **30 Church**
Schoonmaker, A. G. & Sons (New & Second Hand), 25 Church
Schramm Chris. D. & Son Inc., 140 West
Smith T. & Son (Second-Hand), 75 Pike Slip
Steib & Duttweiler, Inc. (Brush-making, etc), 79 Wall
Sullivan Jno. W. Co. (Engines), 827 E 9th
Terminal Machine Co., 404 Broome
Tracy Frank (Power Transmission), 202 Centre
Vandyck, Churchill Co., 85 Liberty
Westberg C. H. & Co., Inc., 9 W B'way
Worthington Pump & Machy Corp., 115 B'way
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(End of New York City)

PEEKSKILL—Naylor Bros.
ROCHESTER—Belting & Machinery Co.
Ingle Machine Co., 175H Winton rd
Strong Homer
SYRACUSE—Barnes & Irving, Inc.
Hurwitz Bros. Iron & Metal Co. (Second Hand)
Smith H. A. Machinery Co., 501 E Water
Strong Homer
Syracuse Supply Co.
Wood C. H. Co.
TROY—Cady A. J. (Textile)
Interstate Machinery Co. (Engines, Boilers, Cranes & Iron Working Machy, etc.)
Mill Supply Co.
UTICA—Rowlingson, D. E. (New & Second Hand)

NORTH CAROLINA.

CHARLOTTE—Alexander & Garsed
Charlotte Supply Co. (Engines, Boilers, Cotton Mill Machinery, etc)
Liddell Co.
Mecklenburg Iron Works
DUNN—McKay Jno. A. Mfg. Co.
GOLDSBORO—Dewey Bros.
NEWBERN—Hyman Supply Co.
RALEIGH—Dillon Supply Co., Dept. H
RALEIGH IRON WORKS CO.
STATESVILLE—Turner C. H.
WILMINGTON—Wilmington Iron Works (Fertilizer Machinery, Fish Factory Machinery, Special Machinery to Specifications)
WINSTON-SALEM—Crawford Mill Supply Co. (Boilers & Engines)
Kester Machinery Co.

NORTH DAKOTA

FARGO—Leeby Victor H. Co. (Concrete)

OHIO.

AKRON—American Scrap Iron Co. (Second-Hand Engines, Boilers, Pumps, etc)
Mill & Mine Supply Co.
CANTON—Canton Engineering & Electric Co. (Engines, Boilers, Metal Working Machinery, etc)
Yohe Wm. S. Supply Co.
CINCINNATI—Barnes Chas. Co., 55 Main
C. & D. Machinery Exchange
Cincinnati Iron & Steel Co.
Cincinnati Machinery Exchange (Second-Hand), 324 E 2nd
Doermann-Roehrer Co., 318 E 3d
Economy Machinery Co. (J. H. Flynn, Prop.) (New & Second-Hand **Iron** & Woodworking Machinery & Power Equipments of all kinds), 428 E Pearl
Johnston Wm. T. Co. (Machine Tools, Engines, Pumps, Blowers, etc), 3rd & Vine
Kinsey E. A. Co. (Metal Working Machinery, etc), 331 W 4th
Motch & Merryweather Machy. Co. (Machine Tools, etc), 1st Natl. Bank bldg
NORTON BROADWAY MACHINERY CO. (Second Hand & Rebuilt—Used Machinery a Specialty), 236-238 Broadway
Queen City Supply Co. (Machine Tools & Machinery), Pearl & Elm
Randle Machinery Co. (All Kinds of New & Second-Hand Re-Built Machinery), C. H. & D. Ry. & Powers Cumville
Stewart Paul & Co. (Boilers, Engines, Generators, Turbines, etc), 1st Nat. Bank bldg
Uihlein Julius & Co., 208 Elm
Willey-Wray Elec. Co., 118H W 3rd
Wirthlin-Mann Co., Plum & Commerce
CLEVELAND—Bath Cyril J. & Co.
Biggs-Watterson Co., Cleveland, O.
Central Machy & Supply Co.
Cleveland Belting & Machine Co. (New & Second-Hand), 1510 University rd
Cleveland Tool & Supply Co. (Dealers Machine Tools, etc.), 1427-37 W 6th
Cleveland & Erie Machy Co.
Cullen C. W. Machy Co.
Dravo-Doyle Co., Citizens bldg
Fuerst-Friedman Co. (The), 1251 W 3rd
HAYES EQUIPMENT CO., Engineers bldg
Kirk Supply Co., 422 Frankfort av
Manning, Maxwell & Moore (All Kinds), 518 Leader News
Motch & Merryweather Machinery Co. (Machine Tools, Second Hand Machy., etc), 711 Lakeside av, N W

OHIO—Cleveland—continued
National Power Machinery Co. (Second-Hand Engines, Boiler & Electrical Machinery, etc), 1914 Scranton rd
Osborne D. M. Machy Co.
Pattison W. M. Supply Co. (Engines, Boilers, etc), 777 Rockwell av
Republic Supply Co., 408H Frankfort av
Republic Tool & Mfg. Co., 1401 W 9th
Strong, Carlisle & Hammond Co. (Machine Tools, Engines, etc), 336-344 Frankfort av, N W.
White Tool & Supply Co., 1313 W 6th
Worthington Geo. Co., 802-832 St. Clair av N. W.
COLUMBUS—Eaton Machine Works (Engines Boilers & Machinery), 37 S Scioto
Kilbourne M. & Co. (Machinery & Mfrs. Agents), 24 W Mound
Osborne & Sexton Machinery Co. (Machine Tools, & Time Clocks, Machinery)
Sackett Mine Supply Co. (Mining Machinery, etc), 164 N 3rd.
Shartle Machine Co.
Williams W. W. Co. (Contractors), Brunson bldg
DAYTON—Patterson Tool & Supply Co. (Machine Tools & Machinery of All Kinds)
EAST LIVERPOOL—National Products Co. (Second-Hand Dealers)
ELYRIA—Elyria Belting & Machinery Co. (Second-Hand)
SAINT MARYS—Jasperson Supply Co. (Engines, Boilers & Transmission Machinery, etc)
SPRINGFIELD—Casey D. L. Machine Co.
Lane T. J. Equipment Co.
TOLEDO—Arbuckle-Ryan Co. (Agricultural)
Austin Machy. Corp., Dept. H
Banting Machine Co. (Boilers, Pumps, etc)
Coghlin Machinery & Supply Co. Metal Working Machinery & Pumps)
National Supply Co.
Power Equipment Co. (Steam Power Plant Apparatus)
URBANA—Marvin Mfg. Co., W. B.

OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co. (New & Second Hand)
NOWATA—National Supply Co. (of Kansas)
OKLAHOMA—Sherman N. S. Machinery & Iron Works
TULSA—National Supply Co. of (Kansas)

OREGON.

PORTLAND—Barde M. & Sons
Bell & Wildman, 619 Upshur
Berger & Carter Co., 92 1st
Caldwell J. D. Co. (Road Building Machinery), Oregonian bldg
Clyde Equipment Co., 18th & Upshur
Dayton Hdw. & Machinery Co., 1st & Taylor
Eccles & Smith Co. (Machine Shop Tools, Air Compressors, Pneumatic Tools, etc), 46-48 Front
Gauld Supply Co. (Engines, Pumps, etc), 69-75 N 12th
Gordon & Finkbeiner, 244H Pine
Mitchell-Lewis & Staver Co., B'way & Everett
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), Spalding bldg
Portland Iron Works, 14th & Northrup
Portland Machinery Co., 62-66½ 1st
Road Builders Equipment Co., 354 Belmont av
Zimmerman-Wells-Brown Co. (Engines, Boilers, Pumps, Mach'y, etc), 16th & Thurman

PENNSYLVANIA.

ALLENTOWN—Grammes L. F. & Sons (Engines & Power Transmitting Appliances, etc)
See adv index at end of book
Taylor Wm. H. & Co. (Engines, Boilers, Pumps, etc)
BEAVER FALLS—Pettler P. & Son
BIRDSBORO—Birdsboro Steel Fdry & Mach. Co.
BRADFORD—Bovaird & Seyfang Mfg. Co.
CHESTER—Birtwell H. B.
Wetherhill, Robert & Co., Inc.
EASTON—Easton Machinery Co.
Saxer-Creider Machy. Co.
ERIE—Electrical Machinery Co. (Motors & Generators), Dept. H, 12th & Electrical & Power Equipment), 437 N. 3rd
Steiner Mfg. Works (Second Hand)
HAZLETON—Hazleton Machy. & Supply Co.
HOLLIDAYSBURG — McLanahan - Stone Mach. Co.
LATROBE—Saxman P. H.
LEBANON—Lebanon Engineering & Supply Co. (Second-Hand)
NEW CASTLE—Douds Frank C. & Co.
OIL CITY—Logan Robert (Engines, Boilers & Machinery)
PHILADELPHIA—Baily R. M. & Co. (Locomotive Cranes, Steam Shovels, Hoisting, Engines, Boiler Making, Ship Building, Structural Work, Machinery, etc), Commercial Trust bldg
Birtwell, W. L.
Burchfield T. T. Co. (Engines, Boilers, Pumps, etc.), 54 N 6th
Campbell T. J., 974 Beach
Conard Thos. P. (New & Second Hand), Harrison bldg
Dallett & Co. (Locomotives, Steam Shovels, etc), Harrison bldg
Dravo-Doyle Co. (Commercial Trust bldg
Earle Gear & Machine Co., Stenton & Wyoming avs
Eastern Machy. & Equip. Co., Commercial Trust bldg
Eckbold's Wm. Sons, Aramingo & Girard av
Fairbanks Co., 701 Arch
Francis Bros. & Jellett, Real Estate Trust bldg
Girard Machine & Tool Co. (Machine Tools), 491 N 3d
Haddock Chas., 343 N 3d
Hitners H. A. Sons Co., 4501 Richmond
Hunt M. J., 1316 Beach
Industrial Requirements Co., 136H Chestnut
Kensington Iron & Metal Co., 1011 E Susquehanna av
Lamb J. K. (Textile Machinery Co.), 246 Chestnut
Latimer R. L. & Co. (Engines Boilers, Pumps, etc.), 24 N Front
Lovegrove & Co. (Boilers & Engines), Bourse bldg
Manning, Maxwell & Moore (All Kinds), Lincoln bldg
Nemiromsky S. & Son, 136 N 3rd
Newton Mach. Tool Wks., Inc., 23rd & Vine
Nuttall Jno., Montgomery & 5th
O'Brien Machinery Co., 119 N 3d
Power Equip. Co., 1218 Chestnut
Provident Engng. Co., Commercial Trust bldg
Randall R. T. & Co. (Butchers' Machinery & Supplies), 333 N 2d
Rich J. & G., 120 N 6th
Sachsenmaier Geo. & Co., 145 N 3rd
Schramm Chris. D. & Son, 709 Arch
Seyfert's L. F. Sons Inc. (Boilers, Engines, Pumps, Ironworking, Milling & Woodworking Machinery, Electrical & Power Equipment), 437 N 3rd
Sherrett & Stoer Co. Inc. (Machine Tools), 2006 Market
Shipley W. E. Machinery Co. (Machine Tools), 1421 Chestnut
Sterling Iron & Steel Co., 463 N 10th
Swind Machy Co., Widener Bldg.
Toomey Frank (Engines, Pumps & Machinery), 127 N 3d
Watt's Jno. M. Sons, 54 N 2nd
Winterer Herman L. (Engines, Boilers, Compressors, etc), 953 Front
Yearsley Thos. Co. (Electric, etc), 224 N 3d
PITTSBURGH—Baird Machinery Co.
Briggs Machinery Co., 238 2d av
Brown & Zortman Machinery Co. (Machine Tools, etc.), 325H 2nd av
Carlin John H. Machine Co. (Contractors' Machinery, etc),
Dempcy-Degener Co., 708 Penn av
Dravo-Doyle Co., Diamond Bank bldg
Everson T. Bissell, Granite bldg
Frick & Lindsay Co. (Engines, Boilers, Pumps, Dealers), Sandusky & Robinson
See adv index at end of book
Frick-Reid Supply Co. (New & Second Hand), Sandusky & Robinson
Garrity Ralph E. Co. (Electric), Wasbash bldg
GREEN L. A., First Nat'l Bank bldg
Hay's Samuel W. Sons, Phipps Power bldg
Kirk Supply Co. (Hoisting Engines), Pulverizing Machinery, Concrete Mixers, etc), Farmers Bank bldg
KLEINHANS H. CO. (Contractors), Union Arcade
See adv index at end of book
McCoy-Brandt Machy. Co., 210-214 Penn av
Machinists Supply Co., 325H 2nd av
Manning, Maxwell & Moore (All Kinds), Park bldg
Moore Edgar M. & Co. (new & second-hand motors, generators, engines, tanks, etc), Farmers Bank bldg
Motch & Merryweather Machinery Co., Farmers Bank bldg
Oil Well Supply Co., 215 Water
Pittsburgh Scrap Iron Co., S 20th & Wharton
Pittsburgh Machy. Exchange, Keystone bldg
Rees Jas. & Sons Co., 18 4th
RELIANCE MACHINERY SALES CO. Brigham rd & Pennsylvania av
Renton Wm., 101 Water
Russell Machine Co., 28th & A. V. R. R.
Schleicin F. P. Machinery Co. (Machine Tools, etc), 32 W Parkway, N S
Somers, Fitler & Todd Co. (Engines, Boilers, Pumps & Machinery), 325 Water
Thompson Machinery Co., Union Arcade
Tranter Mfg. Co. (Engines, New & Second Hand Pumps, etc), 105 Water
Zortman W. S. Machinery Co. (Iron & Woodworking), Arrott bldg
POTTSTOWN—Pollock Mayer (Second Hand Machy. & Boilers)
SCRANTON—Bittenbender Co.
Derry A. L. & Co. (Engines, Boilers, etc)
Scott Chas. B. Co.
Scranton Supply & Machinery Co. (Engines, Pumps & Machinery)
SMITHS FERRY—Childs Jno., Sr. (Oil & Gas Well, etc.)
SWISSVALE—Union Switch & Signal Co.
TUNKHANNOCK—Billings Paul & Sons
WEST CHESTER—Schramm Chris D. & Son, Inc.
WILKES-BARRE—Eastern Penna. Supply Co. (Engines, Pumps & Machinery)
Huntington Machinery & Supply Co. (Electric, etc)
WILLIAMSPORT—Moltz Jacob J. (Engines, Boilers, etc)
YORK—Duff William E. Co.

RHODE ISLAND.

PROVIDENCE—Atherton Jesse, 24 Calender
B. & H. Supply Co. (Machinists' Tools), 115 Mathewson
Brownell Machinery Co., (New & Used Machine Tools), 11 Eddy

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Fdry Co.
CHARLESTON — Bailey-Lebby Co. (Engines, Pumps & Machinery, New)
Cameron & Barkley Co. (Engines, Pumps & Machinery)
Charleston Dry Dock & Machine Co. (Engines, Boilers, Pumps, etc)
Franke C. D. & Co. Inc.
Riverside Iron Works
COLUMBIA—Columbia Supply Co.
Gibbes Machinery Co. (Engines, Boilers, Saw Mill, etc.)
GREENVILLE—Southeastern Farm Implement Co.
SPARTANBURG—Montgomery & Crawford

TENNESSEE.

CHATTANOOGA—General Machinery Co. (New & Second Hand)
James Supply Co.
Mills & Lupton Supply Co., 1146 Market
Walsh & Weidner Boiler Co.
JACKSON—Gooch-Edenton Hardware Co. (Gas Engines & Saw Mill Machinery)
Southern Engine & Boiler Mfg. Co. (Engines, Boilers & Saw Mill Machinery)
KNOXVILLE—Duncan John G. Co. (New & Second-Hand)
Gillespie E. W. (Engines, Boilers, etc.)
McClung C. M. & Co. (Boilers, Engines, Pumps, etc)
Savage W. J. Co. (Engines, Boilers, etc.)
Tenn. Mill & Mine Supply Co. (Engines, Boilers, etc.)
MEMPHIS—Chicksaw Machine & Foundry Co.
Pidgeon-Thomas Iron Co. (Gas Engines, Saw Mill Machinery, etc)
Riechman-Crosby Co. (Boilers, Engines & Saw Mill Machinery)
NASHVILLE—Dale Jno. P. Machinery Co. (Engines, Boilers, Wood & Iron Working Machinery)
Keith, Simmons & Co. (Engines, Boil-General Machinery), etc)
Nashville Machine Co.
Stewart & Bruckner Co.

TEXAS.

BEAUMONT—National Supply Co. (of Texas)
Wilson E. L. Hardware Co.
CORPUS CHRISTI—Caldwell E. H. & Son (Agricultural Machinery, Windmills, etc)
CUERO—Runge H. & Co.
DALLAS—Am. Machinery & Supply Co., 1515 Jackson
Briggs-Weaver Machinery Co.
Mosher Mfg. Co.
Pierce Wm. H., 515H Main
EL PASO—Mine & Smelter Supply Co.
FORT WORTH—Axtell Co. (Tanks, etc.)
Southern Trading Co.
Texas Mfg. Co.
Van Zandt Iron Works (Engine, Boilers, Pumps, Dynamos, Motors, etc)
HOUSTON—Barden Electric & Machinery Co.
Heitmann F. W. Co. (Machinery & Supplies)
Houston Car Wheel & Machine Co. (Dredge, Oil Mill, Sawmill & Compress Machy., etc)
National Supply Co. of Texas
Paine H. A. (Pumping & Saw Mill Machy., etc)
LUFKIN—Lufkin Foundry & Machine Co. (Boilers & Engines)

MERCEDES—Rio Grande Hardware & Machinery Co.
PARIS—Dulaney W. F. & Sons
SAN ANTONIO—San Antonio Machine & Supply Co.
SCHULENBURG — Baumgarten Schulenburg Ernst Ch. (Farm, Pumps, Engines, etc.), Dept. H
TYLER—Connally Walter & Co.
WEATHERFORD—Texas Bridge Co. (Road Building), Dept. H

UTAH.

SALT LAKE CITY—Cramer-Kay Machinery Co., Newhouse bldg
Diebold Elec. Co.
Galigher Machinery Co.
Green Machinery & Mfg. Co.
Mine & Smelter Supply Co.
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery)
Richmond F. C. Machinery Co. (Mine, Mill & Contractors' Machinery)
Salt Lake Hardware Co.
Trent Engineering & Machinery Co.

VERMONT.

BENNINGTON—Scott Olin (Est. of)
ST. JOHNSBURY—Hooker O. T. & Sons, Perkins

VIRGINIA.

NORFOLK—Atlantic Supply Co., Inc. (Boilers, Steam Engines, Pumps, etc)
Burchard Wm. A. Co. Inc., 56-60 Commerce
Empire Mach. & Supply Corp.
Kilpatrick B. H. & Co. Inc., 308 Water
Southern Supply Co.
Taylor-Parker Co.
Tidewater Supply Co. Inc.
Walke Henry Co.
Westbrook Jno. D. Inc.
Whaley W. M. & Co.
PETERSBURG — Stockdell Myers Hardware Co.
Stratton & Braag Co. (Engines, Boilers, Pumps, etc)
RICHMOND—Bluford I. & Co. (New & Rebuilt Machinery Boilers & Engines), 501 N 15th
Cosby Clarence (Second-Hand),
Lindsay J. L. (Inc.), 1321 E Main
McGraw Jas. Inc. (New), 1442 E Main
Morrison Co. (All Kinds), Mayo's Isle
Smith-Courtney Co. (Engines, Boilers, Machine Tools, etc)
Southern Railway Supply Co., 1323 E Main
Sydnor Pump & Well Co. (Engines, Pumps & Saw Mill Machinery), 1310 E Main
Virginia Machinery & Well Co., 1319 E Main

WASHINGTON.

BELLINGHAM—Whatcom Machinery Depot
CENTRALIA - Gillam H. C.
HOQUIAM—Lamb Machine Co.
OMAK—George Claude Co. (Gasoline Engines & Machinery)
SEATTLE—Adair Geo. B. & Son Co. (Engines, Dynamos, Motors, etc), 813 Western
Cox A. H. & Co. (Electric), 307 1st av So.
Hallidie Machy. Co. (Mining & Mill), 300H 1st av So.
Helsby Machy. Co., H, Smith bldg
Higgins Machy. Co., 341 1st av S.
Hofius Steel & Equipment Co. (Locomotives, Steam Shovels, etc)
Meese & Gottfried Co. (Power Transmitting, etc), 558 1st av S
Moore Chas. C. & Co. (Pumps, Mining & Mill Machy.), Smith bldg
Perine Machinery Co.
Puget Sound Machinery Depot (Saw & Shingle Mill Machinery, etc), 318 1st av S
Star Machinery Co. (All Kinds), 1731 1st av S
Vickers Son & Co., Dept. H, Smith bldg
Worden W. H. Co., 528 1st av S.
SPOKANE—Barnard Mfg. Co. (Engines, Boilers, etc)
General Machinery Co., 417H 1st av
Hallidie Company (Engineers & Contractors for Complete Plants & Equipment)
See adv index at end of book
Mitchell, Lewis & Staver Co.
Pacific Iron Works (Saw Mills Engines, Boilers, Pumps, Power & Transmitting Machinery, etc)
Union Iron Works (Inc.) (Mining Machinery, Engines, etc)
United Supply Co.
Washington Machinery & Supply Co.
TACOMA—Puget Sound Iron & Steel Works
Sterling Machy. Co.
Thomas-Hammond Machine Co.
Washington Machinery Depot

WEST VIRGINIA.

BLUEFIELD—Superior Supply Co.
CHARLESTON—Capitol City Supply Co.
South Side Foundry & Machine Works
CLARKSBURG—Osborn's J. F. Sons
HUNTINGTON—Banks Supply Co.
Lambert H. T. Co. (New & Second Hand)
Miller Supply Co.
PARKERSBURG—Spence H. M. (Second-Hand Boilers), Engines, etc
WESTON—Danser Mfg. & Supply Co.
WHEELING—Hills Chas. L.

WISCONSIN.

ASHLAND—Bretting C. G. Mfg. Co. (Mill Machinery, etc)
GREEN BAY—Bay Verte Machy. Supply Co., Dept. H
JANESVILLE—Ambrose F. O. (Engines, Pumps, etc)
MILWAUKEE—American Machinery Co. (Power Transmitting & Conveying Machinery, etc), 103 W Water
Badger-Packard Machinery Co. (New & Second-Hand), 133 W Water
Federal Machinery Sales Co., 212 Sycamore
Hide & Leather Working Mach. Co. (Hide & Leather Working Machinery, etc), 4215 Meinecke av
Mertes Machinery Co. (New & Second Hand Machine Tools, Boilers, Pumps, Engines, Hoisting Engines, Brick Machinery, etc), 240 Oregon
Smith T. L. Co., 1151 32nd
See adv index at end of book
Walsh M. J. Machinery Co., 141 Sycamore
PINE RIVER—Kimball A. M. & Son
RACINE—Badger-Packard Machinery Co.
Racine Confectioners Machinery Co.
WAUSAU—Murray D. J. Mfg. Co.

9501a— Machinery from Special Design

Consolidated Products Co., 15 Park Row, New York
FULTON IRON WORKS Co., St. Louis, Mo.
See adv index at end of book

See also Machinery Dealers

9501b—Machinery (Second Hand)

See also Machinery Dealers

Armstrong R. S. & Bros., 676H Marietta, Atlanta, Ga.
Beal Jos. & Co., 23 Purchase, Boston, Mass.
Bishop Wilson, 412H Reliance bldg, Kansas City, Mo.
Cosby Clarence, 1523 E Cary, Richmond, Va.
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
DUQUESNE ELECTRIC & MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
General Machinery Co., Chattanooga, Tenn.
Graves Machy. Co., Atlanta, Ga.
Green L. A., First National Bank bldg, Pittsburgh, Pa.
Gregory Elec. Co., 1601 S Lincoln, Chicago, Ill.
Hannan & Finton Co., 39-45 Sharon, Springfield, Mass.
Midgley & Prentice Inc., 30 Church, New York
Miller Owen Electric Co., Lexington av & Thomas blvd, Pittsburgh, Pa.
Moore Bros. 39 S La Salle, Chicago, Ill.
See adv index at end of book
Myerson Joseph (Electrical & Transmission), 411 Atlantic av, Boston, Mass.
See adv index at end of book
Perkins & Richards, 17 Albany, New York
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Southern States Equipment Co., 712H Hennen bldg, New Orleans, La.
Stern H. Sons Co. (Tanks, Boilers, etc.), 2259 S Ashland av, Chicago, Ill.
Vonnegut Machy. Co., 19 W South, Indianapolis, Ind.
Werby Benjamin Co., 81H Haverhill, Boston, Mass.
Wilson H. R. Machy. Co., Federal Reserve Bank bldg, St. Louis, Mo.

9502—Machinists & Founders

Star (*) indicates Machinists.
Dagger (†) indicates Founders.
Star & Dagger (*†) indicates Machinists & Founders.
Section Mark (§) indicates Brass and Composition Founders.

All Manufacturers of Machinery, Castings, etc., who have a machine shop or foundry are classified under this heading and sub-classified in other parts of the book under the specific article they produce, such as:

Agricultural Implement Manufacturers.
Brick Machinery, Etc.
Cars, Various Kinds.
Cast Iron Pipe, Various Kinds.
Castings, Various Kinds.
Cranes, Various Kinds.
Drills, Various Kinds.
Dynamos & Motors.
Elevators.
Engines, Various Kinds.
Flour Mill Machinery.
Gears, Various Kinds.
Grinders, Various Kinds.
Hammers, Various Kinds.
Harrows, sub-classification of Agricultural Implements.
Heaters, Steam & Hot Water.
Ice & Refrigerating Machinery.
Lathes, Various Kinds.
Mining Machinery.
Paper & Pulp Mill Machinery.
Plow Manufacturers, sub-classification of Agricultural Implements.
Presses, Various Kinds.
Radiator Manufacturers.
Rolling Mill Machinery.
Saw Mill Machinery.
Special Machinery.
Steel Structural Work.
Stove Manufacturers.
Textile Machinery.
Valve Manufacturers, Various Kinds
Wheels, Various Kinds, and hundreds of other articles

For correlative trades not included under head of Machinists & Founders see:

Automobile Builders.
Boilers, Tubular, Etc.
Bolt & Nut & Rivet Manufacturers.
Chains, Various Kinds.
Cutlery Manufacturers.
Forgings, Various Kinds.
Furnace Manufacturers. Hot Air, Etc.
Gas & Electric Fixture Manufacturers.
Hardware Manufacturers.
Rolling Mills & Steel Manufacturers.
Saw Manufacturers.
Screw Manufacturers.

For all other kindred classifications consult Index of Contents:

ALABAMA.

ALABAMA CITY—*†§Gulf States Steel Co.
ANDALUSIA — *†Faulkenberry Fdry. & Machine Co.
*Taylor J. M.
ANNISTON—*†Alabama Pipe & Foundry Co. (Cast Iron Pipe)
*†Anniston Foundry Co.
†Calhoun Foundry Co. (Sash Weights)
*‡Central Foundry Co. (See New York)
*†§Interstate Roofing & Foundry Co.
*†§Kilby Car & Foundry Co. (Logging Cars, Wheels & Axles)
†Ornamental Foundry Co. (Iron Railings, etc.)
*†Standard Foundry Co. (Cast Iron Pipe)
*†Union Foundry Co. (Cast Iron Pipe & Fittings, etc.)
*†U. S. Cast Iron Pipe & Foundry Co. Burlington, N. J.
ATTALLA—*†Attalla Foundry & Mach. Co
National Pipe & Fdry Co. (Cast Iron Pipe Mfrs.)
BESSEMER—*†Bessemer Fdry. & Mach. Co.
Bessemer Soil Pipe Wks. (Cast Iron Soil Pipe)
*†Central Foundry Co. (See New York)
*†U. S. Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
*Superior Mfg. Co.
BIRMINGHAM—*§Ajax Metal Co. of the South
*†American Cast Iron Pipe Co. (Cast Iron Pipe Mfrs.)
†American Casting Co.
American Radiator Co.
§Anderson G. L. Brass Works
†Avondale Stove & Foundry Co.
*Beatty E. T.
*Binder Elevator & Electric Co. (General Repair Work)
*†Birmingham Machine & Foundry Co.
*Birmingham Stove & Range Co.
*†Caldwell-Watson Fdry. & Mach. Co. (Mill & Mining Machy.)
§Dixie Brass & Foundry Co. (Castings, Models, Automobile Parts, Bosh Plates, Brass Bushings, Brasses & Tuyeres)
*§Gilb V. & Son (Brass Foundry)
*†Hardie Tynes Mfg. Co. (Corliss Engines, Heavy Iron Castings, etc.)
Ingalls Iron Works Co.
Joubert & Goslin Mach. & Fdry. Co. (Sugar Machy. & Brass & Iron Castings)
Kehm A. O. Casting Co.
*Lehman Chas. T.
*Lum Geo. E.
*†Montgomery Coal Washing & Mfg. Co. (Coal Washing Machinery)
†National Cast Iron Pipe Co.
*†Republic Iron & Steel Co. (See Youngstown, O.
†Southern Welding & Reclaiming Co.
†*Southern Wheel Co.
*Steward-Hilty Machine Co.
*†Stockham Pipe & Fittings Co.
*Sullivan Machinery Co. (Mining)
*†Tennessee Coal, Iron & R. R. Co.
†Thomas Grate Bar Co.
*†U. S. Cast Iron Pipe & Foundry Co.
†Wallwork H Foundry Co. (Grate Bars, Castings, etc.)
*†American-Blakeslee Mfg. Co. (Gas & Gasoline Engines)
BOAZ—*Steele E. J.
BREWTON—*†§Brewton Iron Works
BRIDGEPORT—*De Loach Mill Mfg. Co. (Flour & Saw Mill, etc.)
CULLMAN—*†§Ehrensperger J. J.
DECATUR—*†§Jervis Foundry & Machine Co.
DOTHAN—*†§Dothan Foundry & Machine Co.

ALABAMA—continued

ENSLEY—Games Foundry Co.
*†§Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)
FLORENCE—*†§Florence Machine & Railroad Supply Co.
*†Martin Stove & Range Co.
FLOMATON—*†§Flomaton Fdry.
GADSDEN—†A. & J. Mfg. Co. (Stove)
*†Coosa Pipe & Foundry Co.
†§Gadsden Foundry Co.
*†Gadsden Pipe Co.
HARTSELLS—*†§Hartsells Machine Co.
HOLT—*†Central Foundry Co. (See New York)
HUNTSVILLE—*†§Grace C. M. & Co. (Iron & Brass Foundries)
LUVERNE—†§*Douglas Mach. Co.
MOBILE—Alabama Dry Dock & Shipbuilding Co.
*†§Henderson Shipbuilding Co. (General Steamship Repairs)
*†§Home Industry Iron Wks. (Marine Repair Wks., Dept. H
*Mobile Shipbuilding Co.
*†§Mobile Stove & Pulley Mfg. Co.
*†Ollinger Harry W.
MONTGOMERY—*Capitol City Machine Works (Repair Work)
*†§Hartley Boiler Works. (Iron & Brass Castings, Boiler Fronts, Grate Bars, etc.)
*†§Janney & Co. (Saw Mills, Grate Bars, Brass & Iron Castings, etc)
NEW DECATUR—†*Decatur Cornice & Roofing Co., Inc.
OPELIKA—*Collins Garage Machine Wks.
OZARK—*Valentine I. M. Machine Co.
PRATTVILLE — *†§Continental Gin Co. (See Birmingham)
SELMA—*†§Union Iron Works Co. (Engines, Locomotives rebuilt, etc.)
SHEFFIELD—†King Stove & Range Co.
*†§Sheffield Machine & Foundry Co.
TALLADEGA—*†§Talladega Foundry & Machine Co.
TUSCALOOSA—*†§Strickland Bros. Machine Co.
†§Tuscaloosa Iron Works (Iron Fdrs.)
TUSCUMBIA—*†Rowland T. T. & Son (Cultivators)
WOODWARD—*†§Woodward Iron Co.

ARIZONA.

CLARKDALE—†§*United Verde Copper Co.
CLIFTON—*†§Arizona Copper Co. (Ltd.)
GLOBE—†§*Globe Fdry & Mach. Co.
JEROME—*†§United Verde Copper Co.
NOGALES—*†§Arizona & Sonora Mfg. Co. (Mining Machinery, Castings, etc.)
*Roy & Titcomb (Gasoline Engines)
PHOENIX—*†§Arizona Iron Works
*Kunz Bros. & Messinger
*Phoenix Machine & Cold Storage Co.
PRESCOTT—*Tilton B. (Machine Shop)
TUCSON—Western Machy. Co. (Garage)

ARKANSAS.

ALMYRA—*Almyra Machine Works
BRINKLEY—*†Brinkley Car Works & Mfg. Co.
DARDANELLE—*†§Partin W. E.
EL DORADO — *†§Eldorado Foundry & Machine Co.
FAYETTEVILLE—*Sanford & Son
FORT SMITH—†Breslin Boiler & Iron Works
†Hammer Iron Works
*†§Ketcham Iron Co. (Engines, etc.)
*†§Mehlburger & Jones
HELENA—*Allin Machine Works
HOT SPRINGS—*†§Shelton W. H. & Son
JONESBORO—*Jonesboro Machine Works
LITTLE ROCK—*†Arkansas Foundry Co.
*†Dickinson Ball Bearing Wheel & Vehicle Co. (Ball Bearing Wheels)
MORRILLTON—*†De Long Machinery Co.
*†Lachowsky A. L.
PINE BLUFF—*†Le Laurin A. A.
*†§Pine Bluff Iron Works (Iron & Brass Founders)
†§Standard Brake Shoe & Fdry Co.
RUSSELLVILLE — *†§Russellville Iron Works
SOUTH FORT SMITH—*†Western Wheelbarrow Mfg. Co. (Steel Barrows, Trucks, etc.)
STUTTGART—†§*Stuttgart Machine Co.
TEXARKANA—*De Marce Mrs. A. (Engines, Castings, etc.)
VAN BUREN—*†§Engineering Works (Industrial Cars. etc.)
*†§Morell Jas.

CALIFORNIA.

ALAMEDA—*†§Delanoy F. W. (Plumbers' Fittings, etc.)
*†Dow Pump & Diesel Engine Co. (Pumps & Hydraulic Machinery). Office: San Francisco
BAKERSFIELD — *†§Bakersfield Iron Works
*Sprague Bros.
BERKELEY—*†Berkeley Iron Works
†Macauley H. C. Foundry Co.
*Schuyler Co. (Tools, etc.)
CHICO—*†§Diamond Match Co. (Engineering Dept.) (Castings & Machinery)
*†Mery M. L.
COALINGA—§Axelson Machine Co.
*Bowen S. R. Co. (Fishing Tools & Machine Shop)
*†§Bunting Iron Works
COLUSA—*†Maroney & Hearn
DOWNIEVILLE—*†§York C. J.
EUREKA—*Lane & Sutliff (Gas Engines, etc.)
†Vietor Wm. A.
FELTON—*Rubottom Plow Factory (Ag'l Implts.)
FRESNO—†Burnett Iron Wks.
*†Fresno Agricultural Works (Agricultural Improvements)
*Lisenby Mfg. Co. (Printing Presses)
†§Novelty Iron Wks.
*†Traves Chas. E. (Machinist & Foundry)
*†§Valley Foundry & Machine Works (Gas Engines & Pumps)
*Woodward Co. (Machinists & Agricultural Implements)
FULLERTON—Clever & Gulick
GOLETA—*Maiers G. F.
GRASS VALLEY—*†George Bros.
*†§Taylor Foundry & Engineering Co. (Vacuum Filters, Steam Engines, etc.)
LONG BEACH—†§*Cal. Shipbuilding Co.
LOS ANGELES—*Adams Campbell Co.
*†§Axelson Machine Co. (Machinists)
*†Baker Iron Works
§Bayer-Rothgeb Co. (Iron, Brass & Bronze, Sante Fe av
*Boyers & Baldwin
*Boyle-Dayton Co., 53d & Santa Fe
*Brombacher J.
†§Bruce Thos. P. (Plumbers' Goods)
*Buttress J. A. Machine Works
*Carter S. C. Co.
*Central Machine Works
*Central Machinery Mfg. Co.
*§City Ornamental Iron Works, 728 S Main
*Commercial Engine Co., 2424 Porter
§Crown Brown Brass Fdry. Co.
*Crellin Machine Co.
*East Side Machine Co.
*Eccleston Machy. Co., 158H S Anderson
§Enterprise Brass Foundry Co., 968H MacGarry
*†Fernholtz Machy. Co., 2053 E 38th
*†Fruhling A. G.
*†§Fulton Engine Works (Mining, Oil Well & Saw Mill Machinery & Iron & Brass Castings, etc.)
*Gregory Wm.
†Griffen Wheel Co.
*Harrison Machine Works
§Heintzelman-Earle-Wickeren Co.
Hercules Foundry Co., Boyle & Slawson av
*Herron R. H. Co., 934 N, Almeda
*†Johnson Foundry & Machine Works
*§Jones Jas. Co. (Brass Fdrs.)
*†Keystone Iron Works (Iron, Brass and Electric Steel Castings), 37 & Santa Fe av
*Kimball Frank J. Co., Inc., 1860 E 15th
*King Machine & Mfg. Co.
†§*LAYNE & BOWLER CORP., 900 Santa Fe av
See adv index at end of book
†Lilly Bros.
*†Llewellyn Iron Works (Mining Machinery, Iron & Brass, etc.)
*Los Angeles Engineering & Mfg. Co. (Special Machy., Dies, Stampings, Experimental Work, etc.), 1212H E 6th
*†Los Angeles Foundry Co. (Steel Castings, Grinding Balls & White Iron Castings, etc.), 2444H Alameda
*Los Angeles Mfg. Co. (Pipes, Tanks, etc.)
Los Angeles Valve & Fittings Co.
§Magnis Co., Inc. (Brass & Bronze castings, etc), 860 N Main
*Maine Machine Works
Martin Iron Works
*McKain Mfg. Co., 921 Main N.
*Meese & Gottfried Co., 400 E 3rd (Pulleys, etc)
*Menczer E. A.
§* Miller Engine & Foundry Works, 2652 Long Beach av
*Miller & Herlocker
*Mills Iron Works
§*Moreland Motor Truck Co.
*§Pacific Brass & Hardware Mfg. Co. (Builders & Lavatory Hdwe.), 1646 N Spring
*Pacific Coast Mfg. Co.
*†Pacific Electric Railway Co.
*†Pacific Surgical Mfg. Co. (Surgical Instruments)
*§Parmelee Z. L. Co.
*†§Phillips Iron Works
*Pilgrim Iron Works (Rock Crushers, Power Transmission, Hoists & All Kinds of Mining Machinery)
*Pioneer Boiler & Machine Works (Machinists)
†Pittsburg Foundry Co.
*§Price-Corcoran-Pfister Co.
*Richter H. F. Machine Works
Rex Compressed Air & Drill Co., 409 E 3rd
*Small W. E.
*Stearns Gas Engine Works (Engines, & Pumps)
*Sturgis S. D. Machine & Tool Works
*Svea Art Cabinet Wks., 1210 W. Washington
*Thacker F. L.
*Trinkkeller E. (Ornamental Iron)
§Union Brass Foundry
*Union Iron Works of Los Angeles (Inc.), 5125 Sante Fe av
†United Casting Co.
*Vulcan Iron & Tool Works
†Washington Iron Works
*†Western Machy. Co., 900 N Main
Western Malleable Castings Co., Boyle & Slawson
*Wigmore John & Sons Co. (Machine Tools, etc), N E cor 4th & San Pedro
*Wilgus Mfg. Co. (Pumps, Governors, etc.)
*Wilson & Willard Mfg. Co. (Oil Well Tools, etc)
MADERA—*Barcroft Fred (Gang Punches)
MARYSVILLE—*Ogden J. G.
*Yuba Mfg. Co.
MONTAGUE—*McClellan A. H.
MONTEREY—*Langdon Horace
NAPA—*Lindow W. J.
NEEDLES—*Needles Machine Works
NEVADA CITY—*§Miner's Foundry & Supply Co.
†§*Miners' Fdry. & Supply Co.
NEWARK—*†§Graham James Mfg. Co. (Stoves & Ranges). (See San Francisco, Cal.
NILES—*§Ames A. T. Mfg. Co (Pumps, etc.)
OAKLAND—*American Machine Works (Rebuilt Machy.), 518 4th (Jobbing Work)
*Atlas Imperial Engine Co. (Gas Engines, etc)
*†Bay City Iron Works
*Benner Mach. Works (Machine Shop)
*†§Best C. L. Gas Traction Co. (Traction Engines)
†§Boscacei Jos.
*Continental Machine Works (Machine Shop)
*†Dalton Henry & Sons Co.
De Rome L. Bronze, Brass & Bell Fdry., Inc.
*†Empire Foundry Co.
†Janson Iron Works
*†§Judson Mfg. Co. (See San Francisco)
*†§Matthews F. I. (Iron & Brass Fdr. & Machinist)
†Moore Ship Building Co.
§Oakland Brass Foundry
*Oliver Mfg. Co., 4th & Madison
*†§Phoenix Iron Works Co. (Iron & Brass Founders, Machine Castings, etc.)
§Pioneer Brass Foundry Co.
*†§San Francisco-Oakland Terminal Rys.
*Scoville Mfg. Co.
*§Standard Brass Casting Co. (Brass Castings, etc.)
†Standard Foundry
*Union Gas Engine Co. (Gas & Oil Engines)
*Union Machine Works (Machine Shop)
*†§United Iron Works. (Dredging, Mining & Pumping Machinery, etc.)
*§Young R. S. Supply Co. (Brass Founders)
OAK PARK—*Latourrette-Fical Co.
ONTARIO—*Bumstead F. F.
*Ontario Mfg. Co.
†§*Hotpoint Electric Heating Co.
OROVILLE—*Boston Machine Shop Co.
*Indiana Machine Shop Co.
OXNARD—*†§Dunn Mfg. Co. (Steel Castings)
PASADENA—*†Reliance Mfg. Co.
*Wingren Chas. O.
PETALUMA—*Sparks & Murphy (Repairing)
*Van Bebber Bros. (Jobbing)
PITTSBURGH—†Columbia Steel Co. (See San Francisco, Cal.)
PIXLEY—†Norviel H. Scraper Co.
PLACERVILLE—†§*Morey, F. H.
POMONA—*†§Pomona Mfg. Co.
RED BLUFF—§Diamond Match Co.
†Hammer H. H.
REDDING — *Northern Cal. Engineering Works (Malleable Iron Castings)
REDONDO BEACH—†Warner Steel Casting Co. (Electric Steel Castings)
(Iron, Semi-Steel & Brass Castings, etc.)
RICHMOND—*†§Santa Fe Foundry Co. (Iron, Semi-Steel & Brass Castings, etc)
RIVERSIDE—*†§California Iron Works.
†§*Parker Machine Wks.
SACRAMENTO—*Davies John G.
*†Elliott Bros.
*†§Globe Iron Works (Mining Machy.)
†§*Pacific Gas & Elec. Co.
*†Palm Iron & Bridge Works
*†Phoenix Iron & Boiler Works
*†§Root, Neilson & Co. (Iron & Brass Founders & Machinists)
Union Iron Wks.
SALINAS—*Iverson Bros. (Machinists, etc.)
*Lacey Geo. E.
ST. HELENA—*Grant P. S.
SAN BERNARDINO—*†§Hanford Iron Works
*†§Parker Iron Works
SAN DIEGO—Campbell Machine Co. (Marine Repair Work)
†§City Ornamental Iron Wire & Brass Works
†Ingle Mfg. Co. (Stoves, etc.)
†McCoy Thos. & Sons
*§San Diego Machine Co.
*†§Standard Iron Works
*West Coast Gas Engine Co.
SAN FRANCISCO—*Able Mfg. Co., 731H Folsom
Aicher Machine Works, 1650 Stockton

†§Ajax Brass & Iron Works, 47 Clementina
†Alaska-Treadwell Gold Mining Co. (Steel Castings)
*†§Allis-Chambers Mfg. Co., Rialto bldg (See Milwaukee, Wis.)
See adv index at end of book
§American Brass Mfg. Co., Inc., 781 Folsom
*Archibald Co. (Screw Machine Products), 667 Howard
*§Atlas Brass Works, 612 Bryant
*Atlas Mfg. Co. (General Machine Work), 154 1st
*Bay City Iron Works, 1243 Harrison
*†Betts Spring Co. (Carriage, Wagon Auto Truck, Automobile, & Car Springs), 888 Folsom
*Binns Wm. H. (Machines & Tools), 416 Harrison
*Blasauf John, 81 City Hall av
*Boesch Lamp Co. (Electric Plating), 962 Mission
*Brunig Robert, 523 Brannan
*†Bunting Iron Wks, H, First Nat. Bk. bldg
†§California Artistic Metal & Wire Co., 349 7th
*California Brass Wks., 444-448H Natoma
*California Saw Works (Saws & Machinery), 721 Brannan
*California Tool Works (H. A. & W. E. Weichhart, Props), (Machinists & Dies & Models, etc), 181 Beale
*Cereghino D. (Pumps, etc.), 4445 Mission
*Christie Machine Works, 191 Fremont
*Clot & Crist Mach. Co. (Steam & Power Pumps, etc.), 940 Bryant
†Coast Foundry Co., South
*Columbia Machine Works (Machinists), 284 Stewart
†Columbia Steel Co. (Open-Hearth Steel Castings), 503 Market. Works: Pittsburg, Cal.
Commercial Iron Works (Gen. Repair Work), 497 5th
Computer Mfg. Co., 268 Market, Dept. H
*Conner & Hunt, 566 Folsom
*Corliss Gas Engine Co. (Gasoline & Oil Engines), 440 Market
*Cyclops Iron Works (Cranes & Ice & Refrigerating Machinery), 837H Folsom
David P. Co., 19 Sharon bldg, Dept. H
*Davis Norris K. Machine Works, 7th & Harrison
*§Day Thos. Co. (Brass Fdrs. & Finishers), 719 Mission
*De Lano Bros., 70 Spear
Dibert L. C. Co., 35 Minna, Dept. H
*Doak Gas Engine Co., 503 Market
*†§Dow Pump & Diesel Engine Co. (Pumps, Hydraulic Machinery, etc), 311 California. Works: Alameda, Cal
Drendell Electrical & Mfg. Co., 1345 Howard, Dept. H
*†Dundon's Iron Works (Engines, Boilers, etc.), 225 Folsom
*Dyer Bros. Iron Works (Bldrs. Iron Work), 17th & Kansas
*Elec. Mfg. Co., 59H New Montgomery
*†§Enterprise Foundry Co., 20 Stewart
†Eureka Fdry.
*Evans C. H. & Co. (Engines, Pumps, etc), 179 Fremont
Fair Mfg. Co., 617 Bryant
*Franklin Machine Co. (Gas Engines), 126 Folsom
*Galli Machine Works (Machinists), 429 Tehama
*§Garratt W. T. & Co. (Brass & Bell Founders & Machinists), 299 Fremont
§Golden Gate Brass & Mfg. Co., Inc., 48 Tehama
*†§Golden State & Miners Iron Works (Engines & Mining Machinery), 249 1st
*†Graham Jas. Mfg. Co. (Stove & Range Mfrs. & Light & Grey Iron Casting), 531 Mission
*Gray J. A. Co. (Presses, Dies, Tools, etc.), 18th & Bryant
Greenberg's M. M. & Son (Plating Works, etc.), 225 Beale
*Griffitt's Machine Works, 22 Clementina
†*Hansen & Bain
*†§Hendy Joshua Iron Works (Mining Machinery), 75 Fremont
*Herman Safe Co., 216 Fremont
*Hicks Jas. L. (Gasoline Engines, Tools, etc.), 967 Howard
†Ils John G. & Co. (Stoves, etc.), 839 Mission
*Imperial Gas Engine Co. (Gas Engines), 60 Clementina
†Jackson P. H. & Co. (Arch's Iron & Steel Work, Sidewalk Lights, etc), 237 1st
*Jenkins W. M. Machine Works, 18th & Treat av
*Johnson S. T. Co. (Oil Pumps, etc.), 1334 Mission
*†§Judson Mfg. Co. (Machine & Bridge Work Castings), 819 Folsom
*§Krenz Oscar Copper & Brass Works, 612 Bryant
†§McCormick Bros. Iron Works, Main & Folsom
*Main Iron Works, 16th & Daggett
*†Main Street Iron Wks., 163 Main
*Majestic Electric Development Co., 656 Howard
*Meese & Gottfried Co. (Power Transmitting, etc.), 660 Mission
†Mission Foundry & Stove Works (Stoves, etc.), Treat av & 19th
*†Moore Ship Building Co. (Boilers, etc), 678 2d
*†Muir & Symon (Marine Iron Machine Works), 1015 Battery
*Murray Bros. Machine Works, 233 Folsom
§*New Speed Carburetor Co.
*North Machine Co., 324 Main
*†Ocean Shore Iron Works (Boilers, Tank, Structural Works), 550 8th
*†Ohmen Engine Works (Steam Engines & Turbines), 17th & Capp
*Orton Machine Co., 315 Fremont
§Pacific Brass & Bronze Foundry, 528 Folsom
*†Pacific Foundry Co. (Smelting Machinery, Foundries, etc.), 18th & Harrison
*Pacific Gear & Tool Works (Cut Gears, etc.), 1035 Folsom
†*Pacific Rolling Mill Co., 17th & Mississippi
†Pacific Sanitary Mfg. Co., 67 New Montgomery
*†Pacific Ship Yards & Ways Co., 24 California
*†Pacific Structural Iron Works, 10th & Harrison
*Pacific Tank & Pipe Co. (Mining Equipment), 318 Market
*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 19th & Harrison
*Price G. W. Pump & Engine Co., 33 Stevenson
†Ralston Iron Works (Builders' Iron Work & Castings), 20th & Indiana
*Reid Bros., 585 Mission
Rincon Foundry Co., 351 7th, Dept. H
*Rix Compressed Air & Drill Co. (Rock Drills, Air Compressors, etc), 505 Howard
*†§Rudgear-Merle Co. (Brass & Iron Bedsteads, Art Metal Work & Castings), 198 Bay
§Sanders Copper & Brass Works, 431 Folsom
§San Francisco Brass Foundry, 48 Clementina
*San Francisco Engng. Co. (Machinery), 322 6th
†San Francisco Iron Works, 45 Shotwell
*†San Francisco Stove Works (Stoves, Ranges, Castings, etc), 260 Townsend
†§Sartorius Co. (Arch'l Iron Works), 15th & Utah
*Schilling Adam & Sons (Gas Engines), 211 Main
†Schrader Iron Works, 1249 Harrison
Snow & Galgiani, 537 2d
*Speck Wm. (Gear Cutting, Laundry Machinery, etc.), 2132 Folsom
§*Standard Brass Casting Co.
Standard Drop Forge Co., Balboa bldg
*†Standard Gas Engine Co. (Gas Engines), 440 Market
†§Steiger & Kerr Stove & Foundry Co. (Stoves, Mining Machinery, Bridge & Building Castings, etc), 221 Folsom
†Thompson Bros., 625 Brannan
*Toulouse & Delorieux (Machinists), 409 6th
*Union Gas Engine Co. (Gas & Gasoline Engines), 351 Montgomery
*Union Machine Co., 934 Brannan
*†§United Engineering Works (Ship Builders, Marine Engines, etc.), Clunie bldg
*†§United Iron Works (Centrifugals, Pumps & Mining Machinery, etc.)
*U. S. Shape & Pipe Bending Co., 315 Howard
*†Van Emon B. C. Elevators Co., Inc. (Electric & Hydraulic Elevators), 235 1st
*†Vulcan Iron Works (Engines, Ice & Refrigerating, Mining & Saw Mill Machinery), Francisco & Kearny
*Welshons & Symon, 3648 18th
*§Western Brass Mfg. Co., 217 Tehama
*§Western Foundry, 5th & Folsom
†Withington C. W. (Ornamental Iron Work), 416 2d
*Witt G. E. Co. (Fuel Oil Burners), 862 Howard
*Yuba Mfg. Co. (Excavating Machinery), Insurance Exchange bldg

SAN JOSE—*†Anderson-Barngrover Mfg. Co. (Fruit Grading & Packing Machines)
*†§Bean Spray Pump Co.
*†California Plow Co., 140 Polhenus
*†§San Jose Foundry
*†Wight Machinery Works
SAN LEANDRO—*Junior Monarch Hay Press Co. (Hay Presses, etc.)
SAN PEDRO—*Hipple W. B.
SANTA BARBARA—*†§Western Machine & Foundry Co.
SANTA CRUZ—†§*Enterprise Mach. Wks.
SANTA MARIA—*Roemer & Roemer (Pipe Wrenches)
SANTA ROSA—†§*Yandle, W. J.
SELMA—*Vincent M. (Agr'l Implts.)
SONORA—*§Curnow R. C.
*Damas & Francis
†§Engng. & Fdy. Co.
STOCKTON—*Geiger J.
*Harris Mfg. Co. (Harvesters)
*†§Holt Mfg. Co. (Agricultural Implements, Traction Engines, etc.)
†Monarch Foundry Co.
*†§Samson Iron Works (Gas Engines, Irrigating Pumps, Castings, etc.)
*Shaw H. C. Co. (Harrows & Plows)
*†Sterling Iron Works
*†§Stockton Iron Works (Dredges, Engines, Castings, etc.)
SUNNYVALE — †§*Hendy Iron Wks. Joshua
SUTTER CREEK—*†§Knight & Co. (Water Wheels, Castings, etc.)
TORRANCE—†*Union Tool Co.
TUOLUMNE—*†Holman F. C.
UPLAND—*†§Upland Foundry & Machinery Co.
VALLEJO—†§*U. S. Navy Yard Fdy
VENTURA—*†Ventura Mfg. & Implement Co. (Agrl. Implts., etc.)
VISALIA—*†§Coats J. R.
WOODLAND—†Faulkner D. A.

COLORADO.

ASPEN—*†§Mellor Jos.
BLACK HAWK—†§*Black Hawk Fdy & Mach. Co.
*†§McFarlane & Co.
*Stroehle Machinery & Supply Co.
BOULDER—*†Develine Foundry & Machine Works
CENTRAL CITY—*†§McFarlane & Co. (Mining Machinery etc.)
COLORADO SPRINGS—*Bumstead F. E.
*†§Hassell Iron Works Co. (Rock & Ore Crushers, Iron & Brass Castings, etc)
DENVER—*Ajax Iron Works Co.
*Andersen Chas. M. (Tools),
*Cahn-Forster Electric Co., 209 15th
†Capitol Foundry Co.
*Card C. S. Iron Works Co. (Mining Machy.)
§Colorado Brass Foundry Co.
*Colorado Concrete Mixer Co. (Concrete Mixers)
*†§Colorado Fuel & Iron Co. (Iron, Steel & Brass Castings, All Consumed by the Company; also Machines for Roll Turning, Repairs, etc.)
*†Colorado Iron Works Co. (Mining & Smelting Machinery, Iron Forgings, etc.)
†Cox Thomas & Son
Davoreen Brass Finishing Works (Brass Founders & Finishers)
*†Denver Engineering Works Co. (Mining Machinery, Iron Forgings, etc.)
*†Denver Iron Works & Foundry Co. (Brass & Iron Castings)
*Denver Rock Drill Mfg. Co. (Rock Drills, etc.)
*Dillon-Box Iron Works Co. (Mining Machinery), 3309 Blake
†Enz Iron Fdry Co. (Iron Castings, etc.)
*Fish A. E. & Co.
*§Flint Eectric & Mfg. Co.
*Gair & Binderup
*Gartman C. E. (Machinist), 1414 15th
*†Griffin Wheel Co. (See Chicago, Ill.)
*Havens Bros. Mfg. & Supply Co. (Pipes)
*Hendrie & Bolthoff Mfg. & Supply Co. (Mining & Mill)
*Hingley J. A. Machine Co.
*Home Embroidering Machine Co. (Embroidering Machines)
*McFarlane Manufacturing Co. (Mining Machy.)
*McFarlane Eggers Machy. Co. (Mining & Milling Machinery, etc.)
*†Maclear Mfg. & Supply Co.
†Magnus Metal Co., 1241 12th
*†Mine & Smelter Supply Co. (Mining Mach'y & Castings)
*Mountain Iron Works Co.
*Nock & Garside Elevator Co. (Elevators, etc.)
†*Plain Iron Works Co.
†Pioneer Iron & Wire Works Co.
*Plattner Mfg. Co. (Agricultural Implements)
*§Queen City Brass Works
†Queen City Foundry Co.
*Sachs-Lawlor Machine & Mfg. Co.
*†Shane Furnace & Metal Appliance Co., W Warren av & S Delaware
*Shaw C. H. Pneumatic Tool Co. (Pneumatic Tools)
*§Slack-Horner Brass Mfg. Co. (Brass, Copper, Gold, Nickel, Silver, etc.)
*†§Stearns-Roger Mfg. Co. (Mining & Sugar Machy., Brass & Grey Iron Casting, etc.)
*Stebbins Mfg. Co., 1737 Blake
*Truax Mfg. Co. (Steel Ore & Service Cars)
*Vulcan Iron Works Co.
*†Walker Mfg. Co. (Mining & Power Transmitting Machinery)
†Western Iron Foundry Co.
William A. Box Iron Works Co. (Mining Machinery), 3309 Blake
DURANGO—*†§Ball John R. Foundry & Machine Works
GREELEY—*Brown Peter (Potato Harvesting & Sorting Machinery)
LEADVILLE—†§McCarthy & Moore
LITTLETON—†Leyner J. Geo. Engineering Works Co. (Compressors, Rock Drills, Pneumatic Tools, etc.)
MONTE VISTA—*Elliott D. J.
PUEBLO—*†§Colorado Fuel & Iron Co. (See Denver, Colo.)
*Hochenauer Joseph
*†§Ortner Geo. J. (Brass Fdry., etc.)
†§Pueblo Brass & Iron Foundry (Iron & Brass Fdrs., etc.)

COLORADO—Pueblo—continued
*†§Pueblo Foundry & Mach. Co.
*†§Stearns-Rogers Mfg. Co. (Mining Machinery)
ROCKY FORD—*†§Goodner Pump & Mfg. Co.
TRINIDAD—*†§Trinidad Fdry. & Machine Co.

CONNECTICUT.

ANSONIA—*Ansonia Electrical Co. (Electrical Specialties)
§Ansonia Fdry. Co.
*Ansonia Mfg. Co. (Brass Goods)
*Cameron Electric Mfg. Co. (Electrical Specialties)
*Cook H. C. Co. (Special Machinery & Brass Novelties), 100 Jewett
*†Farrel Foundry & Machine Co. (Paper & Pulp Mill, Rolling Mill, Rubber, Stone Sawing, Veneer Cutting, Wire Insulating, Wire Straightening & Cutting Machinery, etc.)
†§Phelps H. D. (Brass Foundry)
BANTAM—*Bantam Ball Bearing Co. (Ball & Roller Bearing Motors & Motor Vehicles, etc)
*Hawthorne Co. (Auto Lamps, etc.)
BEACON FALLS—*§Bronson Homer D. Co. (Brass Hinges)
BRANCHVILLE—*Gruman Ice Tool Wks., Inc. (Ice Tools, etc.)
BRANFORD—Malleable Iron Fittings Co. (Malleable Iron Pipe Fittings & Semi-Steel & Steel Castings)
BRIDGEPORT—*Acme Oil Engine Co. (Oil Engines)
*†Acme Shear Co. (Shears)
*Adams A. L. (Corset Machinery)
*†American Chain Co.
†§American Graphophone Co.
*Amer. Specialty Co. (Metal Stamping), Dept. H
*American Tube & Stamping Co. (Sheet Metal Goods, etc.)
*†American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.) (See Providence, R. I.)
*Anderson Die Machine Co. (Die Forming & Muzzling, also Tapping Machines)
*Aqua Electric Heater Co.
*Armstrong Mfg. Co. ("Armstrong," Pipe Cutting & Threading Machines, etc), 278 Knowlton
*§Artistic Bronze Co. (Hardware, etc.)
*§Ashcroft Mfg. Co. (Steam Gauges, etc.)
*Atlas Shear Co. (Shears, etc.)
Atlas Tool Works (Special Machinery), 488 John
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*†Automatic Machine Co. (Automatic & Special Machinery)
*Baird Machine Co. (Safety Toilet & Badge Pin Machinery)
*§Bassick Co., 38H Austin
*§Belknap Mfg. Co. (Brass Fdrs. & Brass Goods for Steam, Gas & Water)
*†Bilton Machine Tool Co. (The) (Slotting & Gear Cutting Machines, etc)
*Black Rock Machine Co. (Marine Engines, etc.)
*Bradley H. C. (Wood Turning Machinery, etc.)
*Breul Fred G. (Punch & Die Work Machinery, etc.)
*Bridgeport Chain Co. (Chains, etc.)
§Bridgeport Deox Bronze & Metal Co. (Deoxidized Bronze Ordnance, Comp. Castings, etc.)
*Bridgeport Electric Mfg. Co. (Water Heaters)
†Bridgeport Malleable Iron Works Branch of Eastern Malleable Iron Co.) (Malleable & Grey Iron Castings)
*Bridgeport Motor Co. (Gasoline Motors, etc.)
*Bridgeport Rolling Mills Inc. (Brass & Bronze Rolling Mills)
*Bridgeport Safety Emery Wheel Co. (Emery Wheel Machy.), 88H Knowlton
*Bryant Electric Co. (Electrical Specialties)
*Bullard Machine Tool Co. (Machine Tools, Machine Shop & Foundry Equipment)
Cedar Tool & Gage Corp. (Jobbing), 1862 State
*Connecticut Clasp Co. (Clasps, etc.)
†Connecticut Electric Steel Co., 540 Flatbush av
*Consolidated Safety Valve Co.
*Cornwall & Patterson Mfg. Co.
*†Coulter & McKenzie Machine Co. (Rivet & Spring Machy., Presses, Punches, Shears, Drop Hammers, etc.)
*†§Crane Co. (Brass & Iron Valves, Fittings, etc.)
*Curtis & Curtis Co. (Pipe Cutting & Threading Machines, Stocks & Dies, etc.)
*Delcampe Welding Co. (Welding Machinery)
†Eastern Malleable Iron Co.
East Side Fdry. Co.
§Ellsworth Brass Foundry Co.
*Farist Steel Co. (Steel Car Springs, Railroad & Machy. Forgings)
*Fray Jno. S. & Co. (Ratchet & Drill Braces & Tool Sets)
Garrison Co. Inc. (Special Machinery), 183 John
*Gaynor Mfg. Co. (Brass Novelties)
General Machine & Mfg. Co. (Punches, Dies, Jigs, Tools, etc.)
*Grant Mfg. & Machine Co. (Riveting Machines & Tool Post Grinders, etc)
*Hall C. W. Carriage Co.
*Hamel Shoe Machinery Co., Dept. H
§Hamilton Jno. Brass Works (Brass Fdry & Finisher, Plumbers' Brass Goods)
Hansen Christian
Harris Engineering Co. (Tapping, Grinding & Special Machy.)
*Harvey Mfg. Co. Inc. (Piano & Player Piano Hardware), 1920 State
*Hatheway Mfg. Co. (Metal Goods & Dies)
*Hubbell Harvey (Inc.) (Screw Slotting & Riveting Machines)
*§Jennings Bros. Mfg. Co.
*Lake Torpedo Boat Co. (Submarine Torpedo Boats)
*Lindstrom Die, Tool & Gauge Wks. (Inc.) (Special Machinery & Tools)
*Locke Steel Belt Co.
†Manufacturers' Iron Foundry
§Monumental Bronze Co. (Bronze Monuments, etc.)
*Nilson A. H. Machine Co. (Special Automatic Machinery, etc.)
*Pedersen Mfg. Co. (Special Machinery, Tools, etc.), 236 Middle
†Pequonnock Foundry (Gray Iron Castings, etc)
†Philbrick-Booth Fdry. Co.
*Raybestos Co. (Auto Brakes, etc.)
*Ready Tool Co. (Lathe Tools)
*Reliable Machine Co.
*Remington Arms.-Union Metallic Cartridge Co. Inc.
*Sandford F. C. Mfg. Co. (Vises, Milling Machines & Grinders)
*§Sanford David C. Co.
*Singer Mfg. Co. (Sewing Machines, etc)
§Smith Co. Inc., L. C.
*Smith & Egge Mfg. Co. (Chains & Punches), Dept. H
Spafford Machine Screw Works (Screw Machine Products), 1516 Asylum
*Special Machinery Co. (Automobile Machinery, etc.)
*Sprague Meter Co. (Gas Meters, etc.)
*Spring Perch Co. (Springs, etc.)
*Springfield Mfg. Co. (Emery Wheel Machinery)
*†Standard Coupler Co. (Car Couplers & Steel Platforms, etc.) (See New York)
*Standard Oil Engine Co. (Gas Engines, etc)
§Stanley Bronze Co. (Brass, Bronze & Copper Castings)
*Trumbull F. S. (Special Tools)
*Victor Caster Co.
*Weidlich Bros. Mfg. Co. (Metal Goods & Novelties)
*White Mfg. Co. (Carriage Lamps & Mountings, etc.)
*Wolverine Motor Works (Marine Engines, etc.)
BRISTOL—*Barnes The Wallace Co. ("Barnes-Made," Steel Springs, etc.) *See adv index at end of book*
*§Bristol Brass Co. (Brass Mfrs. & Brass Castings, etc.)
*Bristol & Plainville Tramway Co.
†Clayton Mfg. Co. (Shears, Light Hdwe., etc.)
*Dunbar Bros. Co. (Cock Springs,etc.)
See adv index at end of book
*Horton Mfg. Co. (Steel Fish Rods, etc.)
*§Ingraham E. Co. (Clock Mfrs.)
*Ladd W. C. (Clocks, Bells & Light Hdw.)
Lawson C. E. Brass Fdry.
*§New Departure Mfg. Co. (Bell Founders & Mfrs.)
See adv index at end of book
*Root Chas. J. Co. (Registering Machines, Wrought Brass Hinges, etc)
*†Sessions Foundry Co. (Grey Iron Castings, Rivets, Washers, etc.)
*Snyder L. H. & Co. (Floor & Ceiling Plates)
*Thompson H. C. Clock Co. (Clock Movements)
*Turner & Deegan (Bit Braces, etc.)
BROOKFIELD—*Lenox Shear Co. (Shears, etc)
CENTERBROOK — *Connecticut Valley Mfg. Co. (Bits)
CHESTER—*Deuse J. S. (Gimlets, etc.)
*Jennings Russell Mfg. Co. (Augers, Bits, etc.)
COLLINSVILLE — †Collins Co. (Pows, Tools, etc.)
COSCOB—*†§Oarr H. J. & Son (Iron Castings, etc.)
*Palmer Bros. (Gasoline Motors, etc.)
CROMWELL—†Stevens J. & E. Co. (Toys, Hardware, etc.)
*Warner Hammer Co. (Hammers, etc.)
DANBURY—*Boesch Mfg. Co. (Tools, etc.)
*Doran Bros. (Hatters' Machinery)
*Heim Machine Co. (Hatting Machy.)
§Henebry Thos. F. (Brass Foundry)
Lee Frank H. Co. (Contract Machinists)
*Morlock Machine Works (Hatters Machy.)
*New Machine Co. (Machinists)
*Russell Electric Co. (Electrical Goods)
*†§Turner Machine Co. (Hat Machy.)
DANIELSON—*Bradford Thos.
DERBY—*†Birmingham Iron Foundry (Rubber Mill & Rolling Mill Machinery, Iron & Semi-Steel Castings, etc.)
*Dairy Machinery & Construction Co.
†General Ordnance Co.
*O. K. Tool Holder Co. (Tool Holders & Lathe & Planer Tools, etc.), Shelton
*Weimann Bros. Mfg. Co. (Special Machy. & Tools)
See adv index at end of book
EAST HAMPTON—*†§Bevin Bros. Mfg. Co. (Bell Fdrs. & Mfrs.)
*Brown H. B. Co. (Bolt & Nut Mchy.)
*§Climax Mfg. Co. (Bell Fdrs.)
§East Hampton Bell Co. (Bell Fdrs. & Mfrs.)
§Gong Bell Mfg. Co. (Bell Fdrs. & Mfrs.)
*†§Hill N. N. Brass Co. (Bell Fdrs. & Bell Mfrs.)
*†§Starr Bros. Bell Co. (Bells, Gongs, etc.)
ESSEX—Hayden L. S.
FAIRFIELD—Aluminum Manufacturers, Inc., Dept. H
FARMINGTON—*Wallace N (Lightning Rods)
FORESTVILLE—*National Marine Lamp Co.
*Sessions Clock Co. (Clocks, etc.)
GEORGETOWN — *†Gilbert & Bennett Mfg. Co. (Wire Goods, etc.)
GROTON—*†New London Ship & Engine Co.
Vanadium Metals Co.
GUILFORD—*†§Spencer's I. S. Sons Inc. (Gray Iron Castings, etc.)
HARTFORD—Ainslie Machine & Tool Works (Universal Joints, Drill Vises, Tools, etc.), 35 Jefferson av
*Allen Mfg. Co. (Safety Set Screws, etc.), 133 Sheldon
See adv index at end of book
Automatic Refrigerating Co. (Refrigerating Machines)
§Blake Edwin J. (Brass, Aluminum, Phosphor & Manganese Bronze Castings, etc.)
*†Capewell Horse Nail Co. (Horse Nails)
*†Capitol Foundry Co.
*Clark E. R. Co. (Air Motors, etc)
*Colt's Patent Firearms Mfg. Co.
Conn Blower Co. Inc., 133 Sheldon
§Conway J. W.
*Cook Asa S. Co. (Wood Screw Machinery, etc.)
*Cooley & Trevor Mfg. Co. (Envelope Machy., etc.)
§Craig Jno, M.
*Cushman Chuck Co. (Lathe & Drill Chucks, etc.)
*Evarts Machine Co. (Gas & Gasoline Engines, etc.)
*GRAY & PRIOR MACHINE CO. (Universal Joints, etc), 96 Suffield
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*HART MFG. CO., 230 Hamilton (Electric Switches, etc.)
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*Hart & Hegeman Mfg. Co. (Electric Switches, etc.)
*Hartford Machine Screw Co. (Automatic Screw Machinery, etc.)
*Hartford Special Machinery Co. (Special Machy. & Contract Work)
*Herlth O. B. Mfg. Co. Inc. (Special Machinery & Tools), 32 Union pl
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*Henry & Wright Mfg. Co. (Machine Tools), 760 Windsor
See adv index at end of book
*§Howard Jas. L. & Co. (Brass Founders & Finishers, Plating, Polishing, Lacquered, etc.)
*Jacobs Mfg. Co. (Drills, Chucks), 894 Park
*Johns-Pratt Co. (Electrical Goods, etc.)
*Johnson Carlyle Machine Co.
†Laragy P. (Gray Iron Castings)
*Law F. A. Machine Co. (Marine, Stationary & Automobile Engines)
*Lee H. K. (General Machine Work)
*Leppert Chas. H. (General Machine Work)
*Merrow Machine Co. (Sewing Machines, etc.)
*Mutual Machine Co. (Universal Joints, etc), 27 Wells
*National Machine Co. (Machine Tools & Printing Presses)
*Neilsen & Wilson Tool Co.
Noble & Westerbrook Mfg. Co. (Grinders, Buffing & Polishing Lathes, Marking Machines, etc)
*Phoenix Mfg. Co. (Centering Machines)
*Pickering W. H. & Co. (Eng. & Machinists)
*Post & Lester Co. (Auto Supplies)
*†§Pratt & Cady Co. (Hydrants, Valves etc)
*†§Pratt & Whitney Co. (Machine Tools & Small Tools, etc.)
*Quint A. D. (Machine Tools, etc.)
*Rhodes L. E.
*Rhodes Mfg. Co. (Shaping & Slotting Machines), 984 Park
*Royal Typewriter Co. Inc. (See New York), New Park av
*Sexton Machine Co. (Special Machinery), 308 Pearl
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*Sigourney Tool Co. (Drill Presses, etc.)
*Smyth Mfg. Co. (Bookbinders' Machinery)
Spencer Turbine Co. (Organ Motors, etc.)
Spafford Machine Screw Works (Screw Machine Products), 516 Asylum
§Standard Foundry Co. (Aluminum & Bronze Castings)
*Sterling Blower Co. (Blowers, Fans, etc.)
*Taylor Mfg. Co. (Lathe & Planer Tools)
*†Taylor & Fenn Co., (Machine Tools, Drills, etc.)
*Terry Steam Turbine Co.
*Townsend H. P. Mfg. Co.
*Tucker W. B. & C. F. (Oil Hole Covers & Cups, etc), 516 Asylum
*Underwood Typewriter Co.
*Veeder Mfg. Co. (Cyclometers, Odometers, Counters, Speed Counters, & Fine Die Castings)
*Walton Co.
*†§Whitlock Coil Pipe Co. (Pipe Benders, Brass & Sheet Metal Work)
*Whitney Mfg. Co. (Machine Tools, etc.)

HIGGANUM — *†§Cutaway Harrow Co. (Harrows, etc.)
Scovil D. & H. (Planters, Hoes, etc.)
HIGHLAND PARK—*Case A. W. & Son
IVORYTON—*Behrens & Bushnell (Machinists)
LIME ROCK — *†Barnum-Richardson Co. (Car Wheels, Castings, etc.)
MANCHESTER—*Johnson Carlyle Machine Co. (Friction Clutches, etc.)
*Lydall H. & Foulds (Machine Needles, etc.)
*Norton Elec. Instrument Co. (Elec. Instruments, etc.)
MERIDEN—*†§Bradley & Hubbard Mfg. Co. (Bronze Goods, etc.)
*Browne & Dowd Mfg. Co. (Can Openers, etc.)
*†§Foster, Merriam & Co. (Cabinet Hardware, Brass Fdrs., etc.)
*§Handel Co. (Lamps)
*Jennings & Griffin (Edge Tools)
*Kelsey Press Co. (Printing Presses, etc.)
*Manning, Bowman & Co. (Bottlers' Machinery, etc.)
*Meriden Machine Tool Co. (Lathes & Screw Machines)
*Meriden Press & Drop Co. (Power Presses, Drop Hammers, Dies & Tools)
*§Miller Edw. & Co. (Brass Fdrs. Lamps, etc.)
*Parker Bros. (Guns, etc.)
*†§Parker Chas. Co. (Vises, Coffee Mills, etc.)
*Parker Clock Co.
§*Wallace Co., F. J.
*Wheeler Frank & Son
*Wusterbarth Bros.

MIDDLEFIELD—*†Lyman Gun Sight Corporation (Gun Sights, etc.)
§*Chapman Co., N. H.
MIDDLETOWN—*†§Douglas W. & B. (Pumps, Garden Engines, etc.)
*Frisbie Motor Co. (Marine Engines)
*†Hubbard Motor Co. (Gasoline Motors)
*Mermaid Dish Washer Co., Dept. H
*New England Enameling Co.
*Noiseless Typewriter Co. (Main Office)
Palmer T. E. Co.
*†§Wilcox, Crittenden & Co., Inc. (Marine & Awning Hdw. & Grey & Malleable Iron & Brass Castings)
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MILFORD—Grimes P. L. (Jigs, Fixtures, Gages & Small Tools)
*§Rostand Mfg. Co. (Racks, Brass Goods, etc.)
MOODUS—*Brockway & Meckensturm Machine Co. (Cotton Machy.)
MT. CARMEL—†Mt. Carmel Mfg. Co., 2994 Whitney av, Dept. H
*†§Woodruff Walter W. & Sons Co. (Brass Fdrs., etc.)
MYSTIC—*†Lathrop J. W. Co. (Gas Motors)
*†§Standard Machinery Co. (Bookbinders' Machy.)
NAUGATUCK—†Eastern Malleable Iron Co. (Malleable Iron & Semi-Steel Castings, etc)
*Risdon Tool & Machine Co.
*§Russell J. M. Mfg. Co. (Plumbers Supplies)
NEW BRITAIN—*†Beaton & Cadwell Mfg. Co. (Ceiling Plates, Steam Heating Supplies, etc.)
*†Corbin Cabinet Lock Co. (division of Am. Hardware Corpn.) (Locks, etc.)
†§*Corbin P. & H.
§Danberg Co., C. A.
§Flannery P. J. Co. (Plumbers' Brass Goods)
*Hart & Cooley Co. Inc.
§Kinne W. A. (Brass Fdry.)
§†*Landers, Frary & Clark (Brass & Iron Fdrs., etc.)
*†Malleable Iron Works (Malleable & Grey Iron Castings)
*National Spring Bed Co. (Spring Beds)
*New Britain Machine Co. (Automatic Chucking & Screw Machines, Woodworking Machinery, etc), 190 Chestnut
*New Brtiain Tool Co. (Machinists)
*†§North & Judd Mfg. Co. (Brass, Bronze & Malleable Castings, etc.)
§Osborne George H.
†§*Russell & Erwin Mfg. Co.
*Skinner Chuck Co. (Chucks, etc.)
Stanley Rule & Level Plant (Planes, Try Square Gauges, etc.)
*STANLEY WORKS
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Frank & Hine Mfg. Co. (Patent Novelties)
*†Union Mfg. Co. (Drill & Lathe Chucks, Light Grey Iron Castings, etc.)
†Vulcan Iron Works of Eastern Malleable Iron Co. (Malleable & Grey Iron Castings, etc)
NEW HAVEN—†Adlerhurst Iron Co. (Architectural)
*Barnum S. H. (Iron Fdrs., Grey Iron Castings, etc)
*Beebe W. S. Co., 338 York
*Belden Machine Co. (Dies & Models, Tools, etc.)
*Bigelow Co. (Boilers)
*Bishop W. S. (Electroplating Machinery, etc.)
*Brooks Chas. J. (Wire Covering & Special Machinery)
*Brown R. H. & Co. (Chucks & Machy.)
*Burgess Machine Co. (Special Machy., Dies, Box Nailing & Trimming Machy., etc.)
§Central Brass Co.
§*Colonial Brass Co.
§*Cowles & Co., C.
Driggs Ordnance & Mfg. Corp. (Engine Lathes, Motors, etc)
Dudley Co., New & Second Hand Mach.
E. V. B. Mfg. Co. (Automobile Door Locks, Hinges, etc.), Dept. H
*†Eastern Machinery Co. (Brick Machinery, Elevators, Friction Clutches, etc.)
§Ely C. Upham
*§English & Mersick Co. (Coach Lamps & Trimmings, etc)
*Exell Mfg. Co. (Conductors' Ticket Punches)
†Fitch W. & E. T. Co. (Sash Locks, Malleable Iron Castings, etc.)
*†Foskett & Bishop Co. (Steam Traps & Steam Specialties, etc.)
§Fritzell Oscar Co.
Fritzell Oscar (Brass Founder), 51 Chestnut
*†Fuller Mfg. Co. (Printers & Bookbinders' Machy., etc.)
*Geometric Tool Co. (Special Machy., Screw Cutting, Die Heads, Hollow Milling Tools, etc.)
§Graham Jas. & Co. (Brass Fdrs.)
*Greist Mfg. Co. (Sewing Machine Attachments, etc)
*Griswold Geo. M. Machine Co. (Paper Box Machy., Dies, Tools, etc.)
*Hemming Bros. Co. (Automatic Polishing & Grinding Machy.)
Hendryx A. B. Co., 86 Audubon
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*Herrick & Cowell (Paper Box Hardware, Electrotype & Special Machinery)
*Hoggson & Pettis Mfg. Co. (Chucks, Dies, Tools & Special Machinery, etc.)
*§Ives H. B. Co. (Brass & Bronze Fdrs.)
*†McLagon Foundry Co. (Machine Molded Furnace & Machy. Castings, Pulleys, etc.)
Magnus Co., Inc.
*New Haven Carriage Co. (Automobile Bldrs.)
New Haven Screw Co. (Screw Machine Products, 191 Foster
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*†§North O. B. & Co. (Malleable Iron Fdrs.)
*Ochsner A. & Son (Carriage Locks & Specialties)
*Oven Equipment & Mfg. Co.
See adv index at end of book
*§Peck Bros. & Co. (Brass Fdrs. & Plumbers' Brass Goods & Supplies)
*Peck John L. & Co.
*Peck Mfg. Co.
*Rattan Mfg. Co.
*†§Reynolds Jas. Mfg. Co. (Sand Molding Machines & Brass Fdrs.)
*Rockbestos Products Corp.
†§*Sargent & Co.
*Schollhorn Wm. Co. (Pliers, Nippers, Punches, etc)
*Scranton & Co.
*SHUSTER F. B. CO. (Wire Straightening & Cutting Machines), Cedar Hills
See adv index at end of book
*Snow & Petrelli Mfg. Co. (Yacht Cann. Marine Reversing Gears, etc.)
†Stannard Iron Foundry
†Standard Iron Work Co.
*Twiss Nelson W. (Steam Engines, etc.)
*†Warner G. F. Mfg. Co. (Grey Iron Castings, etc)
*Winchester Repeating Arms Co. (Rifles, Guns, etc)
*Wirth John D. (Special Machinery & Tools)
NEW LONDON—*Babcock Printing Press Mfg. Co. (Printing Presses, etc.)
*†§Brown Cotton Gin Co. (Cotton Gins, etc.)
*Connecticut Turbine Mfg. Co. (Steam Turbines)
*†Hopson & Chapin Mfg. Co. (Heating Apparatus, Grey Iron Castings, etc.)
*Lapointe J. N. Co. (Broaching Machines)
*†§New London Marine & Iron Works (Fdrs., Machinists, Marine Railway)
*New London Motor Co. (Motors, etc.)
*New London Vise Works (Vises, etc.)
*Thames Tow Boat Co.
*†WHITON D. E. MFG. CO. (Machine Tools, etc., Lathe & Drill Chucks) *See adv index at end of book*
NEW MILFORD—*Arcade Machine Wks.
*†§New Milford Foundry & Machine Co.
NORTH WINDHAM—*Hartson L. M. Co.
NORWALK—*†Arnold Co. (Textile Machinery)
*†Meeker's Union Foundry Corp'n
NORWICH—*Barber M. A. (Cork Cutting Machy.)
*§Bard Union Co. (Unions, etc.)
*Chelsea File Works (Files)
*Crescent Fire Arms Co. (Shot Guns, etc.)
*Gould Augustus
*Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.) (Fire Arms)
*Lester & Wasley Co. (Envelope Machinery, etc.)
§Pequot Brass Foundry
†*Richmond Radiator Co.
§Tracy C. Oscar (Brass Fdr.)
§*United Metal Mfg. Co. Inc.
†Vaughn Foundry Co. (Grey Iron Castings)
*†Young John T. Boiler Co.
PLAINVILLE — §Carter E. T. (Brass Foundry)
*Hanson Bros. (Screw Machine Products)
*Newton Mfg. Co.
See adv index at end of book
*Newton Mfg. Co. (Brass Goods, etc.)
See adv index at end of book
*Trumbull Electric Mfg. Co. (Electric Specialties)
*Gainer F. H. Plainville, Conn.
PLANTSVILLE—*Wood G. E. Tool Co.
PORTLAND—*Anderson Wrench Co.
*†§Pickering Governor Co. (Governors)
*†§Portland Specialty Mfg. Co.
PUTNAM—*†Putnam Fdry. & Mach. Co. (Machine Tools)
ROCK FALL—*Smith Otis A. (Fire Arms, etc.)
ROCKVILLE—*†Murless H. B.
ROCKY HILL — *†Champion Mfg. Co. (Grey Iron Castings, etc.)
ROXBURY—†Bronson W. & H. (Plows, Castings, etc.)
SEYMOUR—*†Church S. B. (Windmills, etc.)
*Matthews H. A. Mfg. Co. (Bicycle Parts & Stove Trimmings)
§Rimmon Eyelet Co.
†Seymour Iron Foundry (Castings)
§Seymour Mfg. Co.
†Seymour Metal Goods Co. (Novelties)
*Smith James M. (Lathes, etc.)
*Swan Jas. Co. (Augers, Bits, Drawing Knives, etc.)
SHELTON—*†§Premier & Potter Printing Press Mfg. Co., Inc.
†§*Whitcomb Metal Bedstead Co.
SOUTH COVENTRY—*Kingsbury & Davis Machine Co. (See Machines, etc.)
SOUTHINGTON—*Beaton & Corbin Mfg. Co. (Ceiling & Floor Plates)
†§Peck, Stow & Wilcox Co. (Tools, etc.)
*Southingtton Hdwe. Co. (Wood Screws & Bldrs.' Tools)
SOUTH NORWALK—*Le Count Wm. G. (Lathe Dogs, etc.)
*†§Lockwood Mfg. Co. (Hardware, Locks, etc.)
*Miller Julius W. (Machinist)
*Nash Engineering Co.
*†Norwalk Iron Works Co. ("Norwalk" Air Compressors, Gas Compressors, etc.)
*†§Norwalk Lock Co.
*Robertson E. B.
§Scam S. & Son
*Specialty Mfg. Co.
*†§Wheeler Bros.
SOUTHPORT—*Jelliff C. O. Mfg. Corp., Box 68 *See adv index at end of book*
SOUTH WINDHAM—*†§Smith & Winchester Mfg. Co. (Paper Bag Machinery)
STAMFORD — *Blickensderfer Mfg. Co. (Typewriters, etc.)
See adv index at end of book
§Brown Bros. (Brass Foundry)
§†Davenport John Co. (Piano Plates)
*Mianus Motor Works (Marine & Gasoline Engines)
*Muench Geo. (Machinist)
*Remington Oil Engine Co.
*Schickel Motor Co. (Mortorcycles)
†Stamford Foundry Co. (Stoves, etc.)
*†Stamford Gas Stove Co. (Stoves, Heaters, etc.)
†Stamford Jobbing Fdry. Co.
*Stamford Motor Co. (Gasoline Engines)
*†§Yale & Towne Mfg. Co.

CONNECTICUT—continued
STONINGTON — *†Atwood Machine Co. Silk & Spool Cotton Machy)
*†§Miller's A. B. Sons
STONY CREEK—*Beach Oliver B. (Gas Engines)
TERRYVILLE—Chapman Machine Corp. (Screw Machine Products)
See adv index at end of book
Eagle Lock Co. (Locks, etc.)
†Terry Andrew Co. (Malleable Iron Fdrs.)
THAMESVILLE—(See Norwich)
THOMASTON—*Thomas Seth Clock Co. (Clocks, etc.)
THOMPSONVILLE—*Standard Metalwork Co. (Presses, etc.)
*§Westfield Plate Co. (Coffin Trimmings, etc.)
TORRINGTON—***BORGESON MFG. CO., INC.,** 38 Monroe
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*†§Hendey Machine Co. (Machine Tools, etc)
*National Sweeper Division of The Torrington Co. (Carpet Sweepers)
Schroeder Bros. Mfg. Co. (Contract Work, Special Machinery, Gages & Dies of All Kinds), 111 Brookl.
*Standard Co. (Cycle Fittings)
*Torrington Co., The Excelsior Plant successor to Excelsior Needle Co. (Wire Rod & Tube Pointing Machinery, etc.)
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Torrington Co., The Standard Plant
*Torrington Mfg. Co. (Brass & Copper Rolling Mill Machy., etc.)
*†§Turner & Seymour Mfg. Co. (Castings, etc.)
§Waterbury Brass Goods Corp.
UNIONVILLE—*Hogarty Edw. (Harness Snaps & Saddlery Hardware)
*Upson Nut Co.
WALLINGFORD—*Ives W. A. Mfg. Co. (Bits, Augers, etc.)
*§†Judd Co., H. L.
WATERBURY—§American Pin Co. (Brass & Bronze Castings, Pins, etc.)
*§American Ring Co. (Rings, etc.)
†Apothecaries Hall Co. (Nickel Anodes)
*Atlas Machine Co. (Screw Presses, etc.)
*Benedict & Burnham, Branch (Brass Mfrs.)
*Blake & Johnson Co. (Power & Foot Presses & Wire Forming Machinery, Cold Rolling Machy, Tool Grinders, etc), 1500 Thomaston av
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***BRISTOL CO.** (Recording Instruments, etc.)
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CHASE METAL WORKS (Brass Mfrs.)
§Chase Rolling Mill Co. (Brass Mfrs.)
§Conn. Brass Fdry. Co.
§Connecticut Brass & Mfg. Corp.
*Draher Jno. (Power Presses, Rivet, Screw & Button Machy. Dies, etc.)
*Electrical Appliance Mfg. Co.
§French Manufg. Co. (Brass Tubing)
*Henderson Bros. Co. (Machinists & Tumbling Barrels)
*Ludington Cigarette Machine Co. (Cigarette & Tobacco Machinery)
†Manufacturers Foundry Co. (Grey Iron & Brass Castings, Water Jacketed Cylinders, etc.)
*Manville E. J. Machine Co. (Power Presses, Wire Working, Rivet or Heading Machinery)
*§Matthews & Willard Mfg. Co. (See Scovill Mfg. Co.)
*§Novelty Mfg. Co. (Brass Goods)
§Platt Bros. & Co. (Buttons, etc.)
*Plume & Atwood Mfg. Co. (Brass Goods, etc.)
§Randolph-Clowes Co. (Brass Goods)
***ROBINSON TOOL WORKS, INC.** (Die Filling Machines, etc.)
See adv index at end of book
*†§**SCOVILL MFG. CO.** (Brass Goods Mfrs.) *See adv index at end of book*
*§Smith & Griggs Mfg. Co. (Brass & Metal Goods)
*§Steele & Johnson Mfg. Co. (Brass Castings, etc.)
See adv index at end of book
§Waterbury Brass Co.
§Waterbury Brass Goods Corp'n (Brass)
†Waterbury Castings Co.
*§Waterbury Clock Co. (Clock Mfrs.)
*†§Waterbury Farrel Foundry & Machine Co. (Drop, Power, Hydraulic & Foot Presses, Brass & Copper Rolling Mill Machy., etc.)
†Waterbury Foundry Co. (Grey Iron Castings, Grate Bars, Floor Plates, etc.)
*§Waterbury Mfg. Co. (Brass Goods)
*Waterbury Steel Bolt Co., 300 Aurora
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*Waterbury Tool Co. (Transmission & Variable Speed Changing Gears)
WATERVILLE—§Berbecker & Rowland Mfg. Co. (Brass Specialties, etc)
*Rowbottom Machine Co. (Special Automatic Machy. of every description, Disc Grinders, etc)
*Waterville Mach. Works
WEST CHESHIRE—§*Am. Mfg. Co.
WEST HAVEN—*Coe-Stanley Mfg. Co.
WEST STAFFORD—*Bradway C. P. Machine Works
WILLIMANTIC—*†Vanderman Mfg. Co. (Grey Iron Castings, etc.)
*Willimantic Machine Co. (Silk & Thread Machy., etc.)
WINDSOR LOCKS—*Clark Geo. P. Co. (Hand Trucks, Casters, etc.)
*Horton E. & Son Co. (Chucks), Dept. H
WINSTED—*Carter & Hakes Machine Co. (Machine Tools)
*Gilbert Wm. L. Clock Co. (Clocks, etc.)
*Moore Franklin Co. (Hoists, Cranes, etc.)
*Richards Benj. & Co. (Upholsterers' Brass Goods)
*Winsted Edge Tool Works (Edge Tools, etc.)
*Winsted Mfg. Co. (Scythes)
YALESVILLE—†Parker Charles Co.

DELAWARE.

DOVER—*†Jones E. L. & Co. (Machy.)
EAST WILMINGTON — *†**HILLES & JONES CO.** (Machine Tools, etc)
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EDGE MOOR—*Edge Moor Iron Co. (Buckle Plates, Forgings & Water Tube Boilers)
LAUREL—*Oldfield Jas. W. (Machinist)
MILFORD—*†Mathews L. J.
NEW CASTLE—*Am. Manganese Steel Co.
Baldt Steel Co.
§Brylgon Steel Casting Co. (Steel Castings, Crankshafts, etc)
†Deemer Steel Casting Co. (Steel Castings)
WILMINGTON—*†American Car & Foundry Co. *See adv index at end of book*
*Baker G. W. Machine Co. (Leather Working Machinery)
*†Betts Machine Co. (Machine Tools. etc.), Maryland av & South
*Christiana Machine Co. (Jobbing),
†Davis L. D. (Iron Railings, etc.)
*§Delaware Marine Mfg. Co.
†*Du Pont Powder Co.
*Green Elevator Co. (Elevators, etc.).
*§Harlan & Hollingsworth Corp'n (Steel Ships, Marine Engines, Car Buildings, etc.), ft West
*Henderer E. & Co. (Pipe Vises)
*Henderer's A. L. Sons
*Hickman Franklin P.
*Jones & Schumacher (Gasoline Engines), 1100 West
*Layman A. C. Machine Co. (Leather Working Machinery)
*†Lobdell Car Wheel Co. (Car Wheels & Chilled Rolls, etc.)
*Modern Machinery Co. (Forgings, Cut Gears, Bottle Washing & Special Machinery, Repairs, etc)
*National Machine Co. (Fibre & Special Machinery), 507 Orange
*†§Pusey & Jones Co. (Iron & Brass Fdrs., Engines, Paper Mill Machinery, Steel Ships, etc)
*Remington Machine Co. (Corliss Engines, Horseshoe and Ice Machines), 411 E Front
Shaw Benj. F. Co. (Iron & Steel Plate Work & High Pressure Piping)
*Slocomb F. F. & Co. (Leather Working Machy. & Pneumatic Tools, etc.), 14th & Poplar
*§Speakman Supply & Pipe Co. (Plumbers' Brass Goods)
*Standard Arms Mfg. Co. (Guns & Rifles)
*Sugar Apparatus Mfg. Co. (Sugar Machinery)
*Trump Bros. Machine Co. (Drill, Chucks, Gasoline Engines, Lathe Center, Grinders, Scroll, & Textile Machinery, etc), Beech & Anchorage
*Walker & Elliott (Phosphate Mill & Machinists)
*†§Wilmington Malleable Iron Works of Eastern Malleable Iron Co.

DISTRICT OF COLUMBIA.

TWINING—*†Columbian Iron Works
WASHINGTON—†Alexandria Iron Works, Evans bldg
†Briscoe W. D., 1818 E. N. W.
*Carl Frederick (Insts. & Model Maker), 623 H
*Catlin E. H. & Co., 309 13th, N. W.
*†Cragg H. C. Mfg. Co., 228 K. S W
*Doremus Machine Co. (Machinists), 302 13th, N W
§Ennis & Son, Geo. T.
*Farrow Arms Co., 210 2d, N W
*†§Firth-Sterling Steel Co. (Ordnance Works, Giesboro Point)
*Forsberg Gustave W. (Machinist), 8th & Water, S W
†Gichner Fred S. (Iron Foundry), 1214 D, N W
*Hurley Jno. E. (Machinist), 1219 Ohio av
†Jorss A. Fred (Iron Fdry. & Builders' Iron Works), 315 13th, N W
*§National Electrical Supply Co., 1330 N. Y. av
*†Springman's J. T. Sons, 904 7th, S. W
*Tabulating Machine Co., 1054 31st, N W
Union Iron Works Co., 212 12th
*†White Chas. & Co., 418 O, S W
*†White Fred J., 462 Main av, S W

FLORIDA.

ARCHER—*†§Maddox Foundry & Machine Co.
DADE CITY—*Talley J. M.
DUNEDIN—†§*Skinner Machinery Co.
FORT MYERS—*Raymond A. E. & Co.
GAINESVILLE—*§Gainesville Foundry & Machine Works
JACKSONVILLE — *Consolidated Engng. Co. (Electrical Work & Repairs)
§*†Duval Iron Works
*†§Florida Machine Works (Brass & Iron Castings & Machine Works)
*Hubbard S. B. Co.
*Merrill Stevens Dry Dock & Repair Co., Dept. H.
*†§Murphy Timothy Iron Works (Brass & Iron Castings & Machine Work)
*Rubin Iron Works
Smith L. Iron & Steel Co.
*Vulcan Iron Works
LAKE CITY—*Johnson L. W.
LAKELAND—*Jones Wm.
MIAMI—*†§Lyne C. H. (Brass & Iron Castings & Machine Work)
*Miami Garage
*Perry C. H. (Gas Engines, etc.)
OCALA—*Ocala Gas Engine Works (Gas Engines & Garage)
*†§Ocala Iron Works (Saw Mill & Phosphate Machy., etc.)
OLDSMAR—*Oldsmar Tractor Co.
ORLANDO—*Atlas Mfg. Co.
*†§South Florida Fdry. & Mach. Works (Brass & Iron Castings, etc)
PALATKA—*Hanley R. H.
*†§Stanton Foundry & Machine Co. (Brass & Iron Castings, etc.)
PENSACOLA—†§Bayshore Fdry. Co.
*†§Gulf Machine Works
*Pensacola Gas Engine & Supply Co.
PUNTA GORDA—*Hewitt Bros. (Machinists & Garage)
TALLAHASSEE — *†§Tallahassee Iron Works (Brass & Iron Castings, etc.)
TAMPA—*†Gulf Iron Works
*†§Tampa Steam Ways Co. (Ship Builders & Iron Founders)
WEST PALM BEACH—*Fowler Geo. W. Co.

GEORGIA.

ALBANY—*Georgia Car & Locomotive Co. (Rebuilders)
*Southern Machine Works
AMERICUS—*Sawyer W. H. & Sons Co.
ATHENS—*†§Athens Foundry & Machine Works
†§*Georgia Plow & Fdry Co.
*Umbach F. G. (Harrows, etc.)
ATLANTA—*Amer. Machine & Mfg. Co. (Oil Mill Machy., etc.)
†§*Atlanta Plow Co.
†Atlanta Stove Works (Stoves)
*†§Atlanta Utility Works, East Point, Ga.
*Avery & Co.
§*†Bailey & Buruss Mfg. Co., Dept. H.
*Camp Machine Shop
*Clark J. C.
*†§Continental Gin Co. (See Birmingham, Ala.)
†*Fulton Metal Bed Mfg. Co.
*†General Pipe & Foundry Co.
*†Georgia Car & Locomotive Co. (Cars Rebuilt)
Greenpoint Metallic Bed Co.
*Hill A. E. Mfg. Co.
§Magnus Co., Inc.
†*Mutual Fdry. & Mach. Co.
*†§Pratt Engineering & Machine Co. (Chemical & Fertilizer Machinery, etc.)
*Riddell Bros.
Roberts Marion I.
†§Southern Iron & Equipment Co. (Iron Castings, Cars, Locomotives, etc.)
*Southern Saw Works
†Southern Wheel Co. (Car Wheels)
*†§Spalding Foundry Co.
Thomasville Iron Works, Inc., sugar cane mills, etc.
†§Vulcan Fdry. & Iron Wks.
*†§Withers Foundry & Machine Works (Iron & Brass Fdrs.)
*Woodruff Machinery Manufg. Co.
AUGUSTA—*†§Georgia Iron Works (Saw Mill Machinery, etc.)
*†§Lombard Iron Works & Supply Co. (Engines & Saw Mill Machy., etc.)
*Merry Steel Truck Co.
*Vales E. J. (Jobbing)
BAINBRIDGE—*†§Sutherland D. T.
BREMEN—*†§Bremen Foundry Machine Works
BRUNSWICK—*†Brunswick Marine Construction Corp. (Brass, Iron Castings & Machine Works)
BUFORD—*Lowe T. F.
CANON—*Bowers Machine Works
CANON—*Bowers Machine Works
CARTERSVILLE—*†Withers Foundry & Machine Works
CEDARTOWN—*†Cedartown Foundry & Machine Co.
COLUMBUS—†Columbus Foundry Company (soil pipe).
Columbus Iron Works (Ice and Refrigerating Machinery, etc.)
*Columbus Truck & Supply Mfg. Co.
†Dismuke Foundry Co. (Gray Iron Castings)
*†§Golden's Foundry & Machine Co. (Power Transmitting Machinery, etc.)
*†Lummus Cotton Gin Co. (Cotton Gins, etc.)

†§Pekor Iron Works (Repairing)
See adv index at end of book
•Perfection Dyeing Machine Co.
•†Southern Plow Co. (Cultivators, Plows, etc.)
COMMERCE—•Gibbs Bros.
CORDELE — •†§Tomlin-Harris Machine Co. (Iron & Brass Castings & Machine Work)
DALTON—•Dalton Auto & Machine Co.
•†§Wrinkle & Miller Foundry & Machine Co.
DEMOREST—•†Demorest Foundry & Machine Works
•†§Hendrickson E. D. (Iron Castings & Machine Work)
DICKEY—•Parkins E. P.
DOUGLAS—•§Douglas Foundry & Machine Works
EAST POINT—•†§Atlanta Utility Works (Oil Mill Machinery, etc) (See Atlanta, Ga.)
•Southern Saw & Machinery Works
ELBERTON—•Elberton Machine Works
GAINESVILLE—•†§Gainesville Iron Wks.
GRIFFIN—†Gresham Mfg. Co.
MACON—•Gantt Mfg. Co. (Ag'l Implts.)
•†Massey Gin & Machine Works (Cotton Gins, etc.)
•†§Schofield's J. S. Sons Co. (Sugar Machinery, etc.)
•†§Taylor Iron Wks. & Supply Co.
•†Williams Mfg. Co. (Ag'l Implts.)
MADISON—•Madison Auto & Machine Co. (Garage & Repairs)
MARIETTA—•†§Glover Machine Works (Locomotives, Hoisting Engines, etc.)
MILLEN—•Beard B. C.
MONTICELLO—•Benton Mfg. Co. (Agricultural Implements)
MORELAND—•†§Camp E. N. & Son Co. (Inc.) (Ag'l Implts. & Castings)
NEWNAN—•†§Cole R. D. Mfg. Co. (Engines, etc.)
OCILLA—•Sikes Hay Press Co.
QUITMAN—•†§Quitman Foundry & Machine Co.
ROME—•†Battey Machinery Co.
†Bowie Stove Co. (Stoves)
•†§Davis Foundry & Machine Works
†§•Griffin Fdry. & Mfg. Co.
†Hanks Stove & Range Co. (Stoves)
•Hill City Machine Shop (Repairs)
•†§Rome Machine & Foundry Co.
•†Southern Co-operative Fdry Co. (Stoves & Hollow Ware)
•†Towers & Sullivan Mfg. Co. (Cultivators, Harrows, Plows, etc.)
SAVANNAH—•American Automatic Machinery Co.
•Anderson Visible Pump & Tank Co.
•†§Kehoe Iron Works (Iron & Brass Fdrs. & Saw & Phosphate Mill Machy., etc.)
•†§McDonough, J. J.
•Mingledorff & Co. (Machine Jobbing, etc.)
•†§Rourke Jno. & Sons (Iron & Brass Fdrs., Machinists, Heavy Forgings, etc.)
•†Savannah Iron & Wire Works
•†§Wilkinson Machine Co. (Inc.)
SOCIAL CIRCLE—•Social Circle Mfg. Co. (Fertilizer Mixers)
TATE—•Georgia Marble Co.
THOMASVILLE — •†§Thomasville Iron Works
VALDOSTA—
WAYCROSS—
WAYNESBORO—•†Mobley G. W. (Machinery)
WEST POINT—•†§West Point Investment Co.
†§•West Point Iron Wks.
WINDER — •†Woodruff Machinery Mfg. Co. (Ag'l Implts., Saw Mill Machinery Castings, etc.)
HONOLULU—†§•Honolulu Iron Works Co.

IDAHO.

BOISE—•†§Baxter Jas. Foundry & Mach. Works
Boise Iron Wks. & Fdy. Co.
LEWISTON—†§•Idaho Fdy. & Mach. Co.
MOSCOW—†Bell O. E. (Ag'l Implts.)
•†§Idaho National Harvester Co. (Ltd.)
TWIN FALLS—†§•Knape E. P.
WALLACE—†§•Coeur D'Alene Hdwe. & Fdy. Co.

ILLINOIS.

ABINGDON—•§American Sanitary Mfg. Co. (Plumbers' Brass Goods)
ALTON—•Beall Bros. (Miners' Tools, Shovels & Specialties)
•†Duncan Foundry & Machine Works (Car Wheels, etc.)
•Hapgood Plow Co. (Ag'l Implts., Plows, Drills, Planters, etc.)
•Hayden Machine Co.
•Illinois Glass Co. (Machine Shop for their own use)
†Schuessler Fdry. & Mach. Co.
ANNA—•Smith H. W. (Jobbing)
ARLINGTON HEIGHTS—•†Peter & Volz Co.
ASSUMPTION—•Consolidated Electric & Mfg. Co. (Electric Specialties)
•McClure J. W.
AURORA—•†§American Well Works The, 112 B'way.
See adv index at end of book
•†American Woodworking Machinery Co. (See Rochester, N. Y.)
•§Aurora Foundry Co. (Grey Iron & Machine Pulley Castings, etc.)
•§Aurora Metal Co. (Brass & Bronze Castings & Metallic Piston Packing)
•Divekey Bros. (Garage & Machinists)
•†Fox River Boiler Sheet Iron Works.
•†Fox River Iron Co.
•Hinckley Charles C.
†•Love Bros., Inc.
§Peters Henry Brass Foundry Co. (Brass Castings, etc.)
•†Rathbone, Sard & Co. (Stoves, etc.)
•†Stephens-Adamson Mfg. Co. (Elevating, Conveying & Power Transmitting Machinery, etc)
•Udstad S. (Machinist)
•Vindex Electric Mfg. Co. (Transformers, etc.)
Western Wheeled Scraper Co. (Street Sweeping Machines & Road Scrapers, etc.)
AVA—•Spinner E. F.
•Underwood Wm. J.
BATAVIA—•†Appleton Mfg. Co. (Agricultural Implements)
•Batavia Engineering Works (Inc.) (Conveying, Elevating & Screening Machy.)
•†§Challenge Co. (Gas & Gasoline Engines, Windmills, etc.)
•Emerson - Brantingham Co. (See Rockford, Ill.)
†Shumway C. W. & Son (Machinery Castings, etc.)
†Sperry D. R. & Co. (Filter Presses, Evaporators, Vacuum Pans, etc)
§Stuttle Brass Mfg. Co.
•†U. S. Wind Engine & Pump Co. (Windmills, Pumps, Feed Mills & Corn Shellers, etc.)
BELLEVILLE — •†Baker Stove Works (Stoves, etc.)
†§Baur Fdy. Co.
†Belleville Foundry Co.
•Belleville Implement & Motor Co. (Ag'l Implements, Motors, etc.)
•†§Belleville Stove & Range Co. (Stoves, etc.)
•Berger Chas. (Jobbing, etc.)
•†§Born J. C. & Bro. (Grinding & Polishing Mchy., Countershafts, etc.)
†Crown Foundry Co. (Iron Founders)
•†Eagle Foundry Co. (Stoves)
†Enterprise Fdy. Co.
•†Excelsior Foundry Co. (Castings, Sugar Cane Mills, etc.)
•Gundlach P. M. Sons (Agrl. Impits.)
•†Harrison Machne Works (Threshers & Engines)
•Herzler & Henninger Machine Wks. (Coal Mining Mach'y)
•†§Illinois Foundry & Machine Co.
•Modern Die & Plate Press Mfg. Co. (Die & Plate Presses, etc.)
•†§M. H. Foundry & Mfg. Co. (Iron & Brass Castings, etc.)
†Oakland Foundry Co.
†§Orbon Stove & Range Co. (Stoves Ranges, etc.)
†Roesch-Kohl Enamel Range Co.
†Quality Stove & Range Co.
•†St. Clair Foundry (Iron Fdrs.)
•Schwarz Jos. & Sons
†Superior Foundry & Mfg. Co.
•United States Safety Gas Machine Co.
BELVIDERE—•Belvidere Screw & Machine Co. (Screw Machine Products)
•†National Sewing Machine Co. (Sewing Machines & Screw Machine Products)
BENTON—†•Banner Mfg. Co.
BLOOMINGTON—•†American Foundry & Furnace Co. Castings, etc.)
•†§Constant B. S. Manufg. Co. (Elevator & Grain Machinery, etc.)
†Co-operative Stove Co. (Stoves)
•Diets S. J.
•Keiser-Van Leer Co.
•McGrath J. T. & Son
•†Magirl P. H. Foundry & Furnace Works (Grey Iron Castings, etc)
BLUE ISLAND—•Bronson E B. Co.
BRADLEY — •†Bradley David Machine Works. (Plows, Cultivators, Planters, etc)
•§•Bradley Mfg. Works
•†Turk Jos. Mfg. Co. (Iron Beds, etc.)
BUSHNELL—•Norcross C. S. Son (Garden Plows, etc.)
CAIRO—•†§McCarthy & Malinski
•†§Reed Hardware & Mfg. Co. (Machine Tools & Castings, etc.)
•†§Rennie Jno. T.
•†§Vulcan Iron Works
CANTON—•†§Parlin & Orendorff Co. (Plows, Cultivators, Planters, Listers, etc.)
CARLOCK—•Schad Alva
CARMI—•Brandt F. W. (Agricultural Implements)
CARPENTERSVILLE—•†§Illinois Iron & Bolt Co. (Presses, Jacks, Vises, Drills, etc.)
•†Star Mfg. Co. (Agricultural Implements, etc.)
CHAMPAIGN—•†§Burr Co. (Manhole Covers, Sewer Inlets, Municipal Castings, etc.)
•Hardy W. F. (Agrcultural Impits.)
CHICAGO—••§Abernathy Vise & Tool Co., 227 Englewood
•Acme Steel Goods Co., 2834 Archer av.
•Adams Bros. & Co. (Special Machy., etc.), 136 W Lake
§Adams & Westlake Co. (Railroad Specialties, Brass Fdrs., Finishers, etc.), 319 W Ontario
•§Adapt Machinery Co. (Special Machinery), 1624 Wabash av
•Addressograph Co. (Addressing Machines), 901 W Van buren
•†§Aermotor Co. (Windmills & Pumps, etc.), 2500 W 12th
§Ajax Brass Mfg. Co., 218 W Kinzie
•Ajax Forge Co. (Frogs, Crossings, etc), 2503 Blue Island av
•ALBAUGH-DOVER CO. (Cut Gears, etc), 2100 Marshall blvd
Alemite Die-Casting & Mfg. Co., 341 W Chicago av
•Alexander & Cox Co., 2358 Ogden
•Allbright-Nell Co. (Packing House Mach'y), 5315 Western av
•§Allen W. D. Mfg. Co. (Brass Founders' Brass Specialties, Finishers, etc.), 566 W Lake
See adv index at end of book
•†§Allis-Chalmers Co. (See Milwaukee, Wis.)
†Am Aluminum Fdry Co. (Light and Heavy), 6833H S Irving av
§Am. Art. Bronze Fdry
American Brake Shoe & Fdry. Co., 332H S Michigan av
Am. Cast Iron Pipe Co., 38 W Dearborn
•†American Bridge Co. (Bridge Bldrs., etc.), W 40th & Princeton
†American Building Foundry Co. (Structural & Arch'l Castings), 2300 S. Springfield av
•AMERICAN CAN CO. (Machy Dept.) (Can Makers' & Canners' Machinery, etc.), Monroe bldg.
•†American Car & Foundry Co., 80 E. Jackson boul. (See St. Louis, Mo.
•American Carton Sealing Machine Co., 1060 W. Harrison
•American Iron & Wire Works, 1622 Carroll av
•American Ironing Machine Co., 166 N. Michigan
•American Laundry Machinery Co., 1800 N Spaulding av
American Metal Ware Co. (Brass Bedsteads, etc.), 368 W Huron
•American Nickel Wks., 1415 Dayton
American Perforator Co. (Perforating Machines), 621 W Jackson blvd
American Pneumatic Chuck Co., 9 S Clinton
•†American Radiator Co. (Radiators, etc.), 820 S Michigan av
•American Specialty Co., 319 W Ohio.
†American Steel Foundries (Steel Castings), 332 S Michigan av
•†American Wood Working Machinery Co., 565 W Washington. Factory: Aurora, Ill.
•Amundsen A. & Co. (Punch Press Work), 2134 Lawrence av
†§*Anderson A. H.
§Anderson A. H. 1213 Fulton
§Anderson Bros. (Brass Founders & Finishers), 1388 Fulton
•Anderson Carl Co. (Repair Gas & Gasoline Engines), 867 Larrabee
§Anderson Chas. B., 109 S Clinton
•Anderson Chas. L. Machinery Co., 2256 W Walnut
•Anderson C. F. & Co. (Printers' & Binders' Machinery), 710 S Clark
•Anderson Engine Co. (Gasoline & Kerosene Engines, etc.), 4036 N. Rockwell
Anderson Fdry Co., Wm. B., 24 S Clinton
•Apex Elec. Mfg. Co., 1410 W 59th
•Archer Iron Works Co. (Wheelbarrows, Trucks, etc.), 2436 W. 34th pl
•Armstrong-Blum Mfg. Co. (Punches & Shears, Rod Cutters, etc.), 337 N Francisco av
* •Armstrong Bros.' Tool Co. (Tool Holders, Ratchet Drills, etc.), 339 N Francisco av
•Arnold, Schwinn & Co. (Bicycles, etc), 1718 N Kildare av
†§Art Bedstead Co., 37th & Rockwell
†Ashland Iron Works, 1604 W Superior
•Austin Machinery Corpn. (Ditching Machine, etc), Railway Exchange bldg
•Automatic Electric Welder Co., 618 W Jackson blvd
•Automatic Racking Machine Co., ft. 28th
•Ayes & Co. (Pipe Cutters, etc.), 1812 Ellen
•B. & A. Machine Works, 317 S Clinton
§Baldwin Brass Works, 411 S Clinton.
Ball Bearing G. A. Mfg. Co., 3051 W Lake
•Barco Brass & Joint Co. (Brass Finishers), 212 W Illinois
Barker H. J. & Co. (Sheet Metal Stamping), 101 N Jefferson
•§Bastian-Blessing Co. (Brass Fdrs. & Finishers), 125 W Austin av
See adv in dex at end of book
•Batterman Fruit Co., 736 W Monroe
•§Beardslee Chandelier Mfg. Co. (Gas & Electric Fixtures), 216 S Jefferson
•†Bell & Howell Co. (Moving Picture Machy., etc.), 1803 Larchmont av
§Berchem Julius (Bronze Statuary, etc.), 4921 W Lake
•Bergholtz, Strodtz & Co. (Tools, etc.), 2230 Ogden av

ILLINOIS—Chicago—continued
*Bergbom & Roberg (Machinsts & Tool Makers), 218 N Jefferson
*Besly Chas. H. & Co. (Disc Grinders, Taps, etc.), 120 N Clinton. Works: Beloit, Wis.
*Blakeslee G. S. & Co. (Dish Washing Machines), W 19th & S 52nd av
*Bloomfeldt & Rapp Co. (Special Machy., Dies, etc.), 108 N. Jefferson
*Boller Peter Machine Works (Machinist), 124 N Curtis
†Bolter's A. Sons (Builders' Iron Work), 2301 Ward
†Brady Jas. A. Foundry Co. (Machinery Castings), 45th & Western blvd
*Brandes Carl (Arch'l & Structural Iron), 1327 Otto
Brandt Cashier Co., 1132 S Wabash av, Dept. H
*†Brighton Foundry Co., 3306 Artesian av
*Brokaw-Eden Mfg. Co. (Laundry Machinery), 175 W Jackson blvd
*Bromm Fred (Tools), 2564 S Halsted
*†Brucker Michael (Fdry. & Stove Repairs), 820 N Lincoln
*Brunner & Lay (Stone Jacks) 570 W Polk
†Buchanan Electric Steel Co. (Steel Castings), 80 E Jackson blvd. Works: Buchanan, Mich.
*†§Buda Co. (Railway Cars, Axles, Wheels, Track Equipments, etc.), Railway Exch. bldg. Works: Harvey, Ill.
*Buissono Bros.' Mfg. Co. (Machinists), 3351 Parnell
*Bullock Tractor Co., 1801 Diversey Parkway
*Burdett Mfg. Co., 309 St. John's Court
*Burge Machine Works (Vulcanizers, etc.), 230 N Jefferson
†Burnside Steel Co., Railway Exch.
*Burton A. G. Son (Safe Locks, etc.), 118 S Clinton
†Butler St. Foundry & Iron Co. (Iron Fdry.), 3422 Normal av
*†§Caldwell H. W. & Son Co. (& Power Transmitting Machinery, etc.), 17th and Western av
Cameron Can Machinery Co., 240 N Ashland av
*Cassady-Fairbank Mfg. Co. (Automatic & Bicycle Parts, etc.), 6126 S La Salle
*Central Architectural Iron Works, 53 W Jackson blvd
§Central Brass Foundry, 1229 W Randolph
*Central Chandelier Co., 1547 Fulton
*Central Iron Works (Fire Escapes, etc.), 939 W Lake
*Central Specialty Mfg. Co., 508 S Peoria
*Champion Foundry Machine Co., 2419 W 14th
Channon Jas H. Mfg. Co. (Elevators & Machinery), 227 W Erie
§Chicago Aluminum Castings Co., 2647 Ogden av
*Chicago Apparatus Co. (Scientific Apparatus), 32 S Clinton
Chicago Bridge & Iron Works, 2105 Old Colony bldg., Chicago, Ill.
See adv index at end of book
Chicago Car Seal Co., 364 N Green
*Chicago Die & Machine Works, 415 N Carpenter
*Chicago Dryer Co. (Laundry Machinery) 630 S Wabash av.
Chicago Faucet Co. (Brass Good, etc.), 2712 N Crawford av, Dept. H.
*Chicago Ferrule & Nut Co., 880 Lill av
*†Chicago Foundry Co., 2211 N Major
†*Chicago Gold Coin Stove Works, 2135 Loomis
*†§Chicago Hardware Foundry Co., 546 W Wash.
†Chicago Iron Foundry Co., 2313 Austin av
*§Chicago Journal Bearing Co. (Car Brasses, Brass & Bronze Castings), 519 W Vanburen
*Chicago Laundry Machinery Co., 212 W Grand av
*Chicago Machine Tool Co., 649 Washington blvd
*Chicago Machine & Washer Co., 2625 W 15th
Chicago Malleable Castings Co. (Certified Malleable Castings), 120th & Racine av
†Chicago Malleable Iron Co., Blue Island & Western aves
*†Chicago Mfg. Co., 1464 S Michigan av
*†Chicago Pulley & Shafting Co., 40H S Clinton
*†Chicago Railway Equipment Co. (Brake Beams, Bolsters, Side Bearings, Railway Specialties, etc) 1928 W 46th
*Chicago Ship Building Co. (Marine Engines, Ship Builders, etc.), 101st & Calumet river
*Chicago Steel Car Co., Harvey
†Chicago Steel Foundry Co. (Crucible, Manganese, Nickel, Canadian & Chrome-Vanadium Steel Castings), 3701 S Kedzie av
*Chicago Steel Tape Co., 6231H Cottage Grove av
*†Chicago Stove & Range Co. (Ranges, etc.), 2500 Cottage Grove
*Chicago Surgical & Elec. Co., 324 W Superior
*Chicago Time Lock Co., 2765 St. Mary's
*Chicago Watch Tool Co., 1956 Grand av
*Chisholm, Boyd & White Co. (Brick Machinery, etc.), 57th & Wallace
*§City Brass Works, 1744 Carroll av
*†§Clow, Jas. B. & Sons (Cast Iron Pipe & Plumbers' Supplies), Franklin & Harrison
*Clyde Iron Works, 343 S Dearborn
*Colborne Mfg. Co. (Pie Bakers' Machinery, etc.), 157 W Division
†Coleman Adelbert E., 336 W 37th
§Colonial Fireplace Co., 4631 W 12th
*Columbia Mills, 231 W. Monroe, (See New York, N. Y.)
*Compound Injector & Specialty Co. (Plumbing Specialties), 419 N Laramie av
*Consolidated Press Co., 26 S Jefferson
*Continental Bridge Co., Monadnock block
Continental Machine & Fdry Co. (Grey Iron & Semi-Steel), 517 Ins. Ex. bldg
*Cook & Chick Co. (Jobbing & Repairing a Specialty), 18 E Kinzie
†Co-Operative Foundry Co., 505 S Clinton
*Corbin & Guion (Electrical Repairs), 310 S Desplaines
Crane Co. (Steam Specialties, Cast Iron and Brass Goods), 836 S Michigan av,
See adv index at end of book
†Cribben & Sexton Co. (Stoves & Plumbers' Enameled Ware, etc.), 680 N Sacramento blvd
*Cross Press & Sign Co. (Wood Printing Machines), 1508 Dayton
†Crown Stove Works (Stoves), 4631 W 13th. Works: See Cicero, Ill.
*Cullman Wheel Co. (Sprockets for Roller & Block Chains), 1346 Altgeld
†Cummings T. A. Foundry Co., 1338 Cortland
*Cummins Perforator Co. (Check Perforators, etc.), 4740 W Ravenswood av
*Curtis, Espy & Co., 158 N Ashland Blvd
†Dauchy Iron Works (Builders' Iron Work, Castings & Vault Lights), 223 W Illinois
*†§Davis, Horwich & Steinman (Brass), 2236 La Salle
*Davis-Johnson Mfg. Co. (Hydraulic & Iron Beds), 2236 La Salle
Presses & Pumps, etc.), 4811 W Jackson
*†§Dawson Bros. (Brass & Iron Fdrs.), 523 N Halsted
*Dearborn Machine Works, 410 S Dearborn
*Dee Wm. E. Co. (Castings, Sewer, Pipes, Gratings, etc.), 30 N La Salle
†§*Deering Works, 1734 Fulleton av
Dellenbarger C. E., 1949 Fulton
*Delta-Star Electric Co. (Electrical Appliances), 2437 Fulton
*§Diamond Brass Foundry & Machine Co., 1115 Washington blvd
*Dickow, Fred C., 3504 W Lake
*§Dietzgen Eugene Co., 166 W Monroe
†Diversey Fdry. Co., 1651 Wolfram
*Dobbins C. E. & Co. (Axles & Springs), 460 N Halsted
*†Domestic Sewing Machine Co. (Sewing Machines), 19 W Jackson blvd.
*Donaldson & Fisher Co., 1654Besley ct
*Downing-Smith Co. (Electrical Repairs), 553 W Vanburen
*†Duffin Iron Co. (Arch'l Iron, etc.), 4837 S Kedzie
*†Duffy, J. F., Jr., 563 Fulton
*Dunbar & Co. (Peanut & Pop Corn Roasting Machines), 2652 W Lake
*Dun Wm. E. Mfg. Co. (Concrete Mixing Machy), Holland, Mich.
*Duner Co. 101H S Clinton
*Dunn Manufacturing Co. (Dish Washing Machinery), 180 N Dearborn
*Economy Engineering Co. (Tiering Machines), 415 S Washtenaw
Economy Pumping Machy Co., 122 Curtis
§Eddy Brass Foundry & Machine Co., 301 N Halsted
*†Eddy R. M. Foundry Co. (Boiler & Machinery Castings, etc.), 372 W Grand av
*Electric Rotary Machine Co., 32 S Clinton
*Electric Steel Co.
*Elec. Engrs. Equipt Co., 711 Meridian
*Electro Magnetic Tool Co. (Drills), 2902 Carroll
†Elizabeth Street Foundry (Iron Fdry.), 5837 S Elizabeth
†Elliott Foundry & Machine Works, 1921 S Fairfield av
Elmes Chas., F. Engineering Works (Hydraulic Presses, Pump and Accumulators), Cor. Fulton and Sangamon
See adv index at end of book
*§Empire Brass Works (Brass Founders, Finishers, etc.), 824 Fulton
*Emrath Louis, 4236 N Ashland av
*Enterprise Tool & Metal Works (Machinists), 126 S Clinton
†Equipment Corp. of America (Rebuilt Machines), Lumber Exchange bldg
Erb W B & Co. (Machinists), 527 W Van Buren
*Erwin & Co. (Hydraulic Pumps, etc.), 3736 Cottage Grove av
*Essley E. L. Machinery Co., 555 Washn blvd
*Eureka Digger Co., 227 W Huron
*Eureka Rubbing Stone Co., 157 W Austin
*†Everson, C. G. & Co., 70 W Lake
*Excelsior Cycle Store. (Bicycles), 5340 B'way
*Excelsior Motor Mfg. & Supply Co. (Motorcycles), 3701 Cortland
*Excelsior Steel Furnace Co. (Furnaces, etc.), 118 S Clinton
*†§Fairbanks, Morse & Co. (Gas Engines, etc.), 900 S Wabash av
§Faunt Bros. (Brass Founders, Finishers, etc.), 1555 Fulton
†Fearon-Tillotson Foundry Co., 1420 W Kinzie
*Federal Sign System, 8700H S State
*§Federal-Huber Co. (Plumbers' Goods, etc.), 234 N Halsted
*Felt & Tarrant Mfg. Co. (Comptometers, etc.), 1717 N Paulina
†Ferguson & Lange Foundry Co. (Grey Iron, Ammonia, Chilled & Hydraulic Castings & Chilled Car Wheels, etc), Clybourn & Willow
*§Fidelity Brass Mfg. Co., 1001 Washington blvd
*§Findeisen & Kropf Mfg. Co., 2559 W 21st
*Fischer Machine Works (Woodworking Machinery), 1845 Carroll av
§Florentine Brotherhood, 842 Exch. av
*Folding Sawing Machine Co., 161 W Harrison
*†Foley-Williams Supply Co. (Sewing Machines), 19 W Jackson blvd
*FOOTE BROS. GEAR & MACHINE CO. (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 213 N Curtis
See adv index at end of book
*Force Wm. A. & Co. (Inc.) (Stamps, Dies, etc.), 108 W Lake
Forged Products Co. (Drop Forgings, Pliers, Pullers & Cotter Pin Extractors), Conway bldg
Fort Dearborn Fdry. Co., 23rd & Stewart av
*Fort Dearborn Mfg. Co. (Special Mach., etc.), Sterling
*Foster & Hosler (Pneumatic Tools), 431 S Dearborn
*Fowler Lamp & Mfg. Co. (Carburetors, Cut-Out Valves, etc.), 59 E 24th
†Francis & Nygren Foundry Co. (Semi-Steel & Iron Fdrs.), 2542 Fillmore
†Franklin Pipe & Foundry Co., 2438 S. Paulina
*Furness Bros. Co. (Machinists, Pumps, etc), 1615 W Walnut
*Gallaher & Speck (Machinists), 215 W Congress
*GANSHOW WM. CO. (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 1001 Washington blvd. *See adv index at end of book*
*†Garden City Fan Co. (Iron Fdrs. & Blowers' Exhaust Fans, etc.), 332 S. Michigan av. Works: Niles, Mich.
*Gebhardt H. J., 343 S Dearborn
*General Devices and Fittings Co., 803H W Madison
*Gillette Elec. Street Clock Co., 728 Buckingham Pl
*Gits Bros. Mfg. & Specialty Co. (Oil Cups, etc.), 1901 S Kilbourne
*Glader Wm. (Cooperage Machinery, etc), 210 N Ann
Glaertner Wm. & Co., 5345-49 Lake Park av, Dept. H.
*Globe Electric Co. (Electric Motors), 6340 Stony Island av
§Globe Metal Co., 1970 Clybourn av
*Goldschmidt M. & Co. (Electrical Repairs), 542 S Clark
*Goodell, Jas. M. Jr., Inc., 150 N Loraine av
*†Goss Printing Press Co. (Printing Presses), 1535 S Paulina
†Greenlee Foundry Co. (Iron Fdrs.), 664 W 12th
Greer, Frederic, 525 W Vanburen
*†Gregory Elec. Co. (Electric Machinery), 1601 S Lincoln.
*†Griffin Wheel Co. (Car Wheels), 332 S Michigan av
*Grotnes Chas. (Machy.), 128 N Jefferson
*Gruendel Geo. Machine Works (Machinist), 440 N Peoria
*Guarantee Elec. Co., 430 S Green
*Gump B. F. Co. (Rebuilt Flour Mill Machinery), 431 S Clinton
*Guyton & Cumfer Mfg. Co. (Special Machinery), 4451 Filmore
*G. & W. Electric Specialty Co., 7440 S Chicago
*Haberkamp Wm. Machine Works (Saturating & Roofing Paper Machinery, etc), 442 Wells
*Hacker Mfg. Co. (Printing Machinery), 312 N May

*Hall A. W. & Co., 633 Plymouth
*†Hamler Boiler & Tank Co., Dept. H, W 66th and 60th av
*Handy Mfg. Co., 29 E Madison
Hanke Iron & Wire Works, 800 N Albany av
*Hanna Engineering Works (Pneumatic Tools & Special Machy), 1764 Elston av
*Hannifin Mfg. Co. (Chucks, Countershafts, Dies, etc.), 621 S Kolmar av
*†Hansell-Elcock Co. (Iron Founders & Builders' Iron Works), Archer & Normal avs
§Hansen & Olsen, 506 S Green
*Hardin Lavin Co., 4543 Cottage Grove av
*Hardinge Bros. (Sensitive Drills & Watchmakers' Tools, etc), 4203 Ravenswood av
§Harris Arthur & Co. (Brass Founders & Finishers for Breweries, Distillers, etc.), 212 N. Curtis
See adv index at end of book
*Harvard Electric Co. (Electrical Specialties), 525 W Van Buren
§Heath J. S. Co., Franklin & Ontario
§*Heath-Johnson Co.
§Hecht Jere M., 320 W Grand av
*Heimold J. F. & Bro. (Machine Tools), 1462 Hamburg
*Hennebohle F. (Steam & Hydraulic Specialties), 81st & S Chicago av
See adv index at end of book
†§Herbert Boiler Co., 140 Root
*†Higbie Oats Cleaner Co., 2346 Clybourne av
*Higgins John C. (Mill Picks), 812 W Kinzie
§*Hill Pump Valve Co., 4001-21 Belmont
*§Hills-McCanna Co. (Brass Fdrs. & Engineers' Supplies), 153 W. Kinzie
§Hine-Watt Mfg. Co. (Automobile Lamps, etc), 180 N Market
*Hintz Mfg. Co., 1108 S Kilburn
§Hodgson Foundry Co. (Brass Fdrs. & Finishers), 2012 W 13th
*Hoeft & Co. (Special Machy., Dies, Tools, etc.), 1600 W Kinzie
§Holland Brass Works (Brass Founder & Finisher), 616 W Monroe
*Holmes Bros. (Molds, etc.), 440 N Sacramento
*†Holmes, Pyott & Co. (Builders' Iron Work & Foundry & Machinists), 159 N Jefferson
†Home Stove Works (Stoves), 2622 W 18th
*Hotchkiss, Blue & Co. (Car Bldrs.), 80 E. Jackson blvd. Works: Harvey, Ill.
*Hub Elec. Co., 2919 W Grand av
*†Hughson Steam Specialty Co. (Steam Specialties, etc.), W 21st & S. Racine av
*Hydraulic Engineering Works (Hydraulic Press & Pumps), 708 Fulton
*Ilg Electric Ventilating Co. (Blowers, Fans, etc.), Crawford av near Diversey Blvd
*Illinois Car & Mfg. Co., 20 W Jackson blvd.
*Illinois Casket Co., 2330 W Van Buren
*Illinois Die & Tool Works, 162 N Desplaines
*Illinois Engineering Co., W 21st & S Racine avs
*†§Illinois Malleable Iron Co. (Iron & Fdrs., Pipe Fittings & Plumbers' Supplies), 1801 Diversey blvd
*Illinois Maintenance Co., 72 W Adams
*Illinois Modern Button & Machine Co. (Button Machinery), 2407 W Ohio
§Illinois Smelting & Refining Co., 410 N Peoria
Illinois Steel Co. (Iron, Steel & Brass Castings, All Consumed by Company; also Machine Shop), 208 S La Salle
*§Imperial Brass Mfg. Co. (Brass Fdrs. and Finishers), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
*Industrial Products Co. (Jigs, Fixtures, Special Machy., etc.), 334 N Irving av
†§*International Harvester Co., 606 Michigan av
*International Molding Machine Co., 2614 W 16th
James D. O. Mfg. Co. (Gear Cutting), 1120 W Monroe
*Jennings Pump & Dredge Co. (Dredging Machy, Pumps, etc.), 180 N Dearborn
Jewell Electrical Instrument Co., 1650 Walnut
*Johnson Chas. & Son (Fire Escapes, etc), 320 W Grand
*Johnson E P Rule Mfg. Co., 565 Washington blvd
§Johnson Meier, 155 Wendell
†Johnston & Jennings Co., 1020 W 38th. (See Cleveland, O.)
*Jones Superior Machine Co. (Wood Working Machy, Plumbers' Brass Goods), 1264 W North av
*†Jones W. A. Foundry & Machine Co. (Power Transmitting Machy & Castings), 4401 W 12th
*Joslin A. D. Mfg. Co., 223 W Erie
*Joy Chas. H. (Slot Machines), 407 Aberdeen
*Justrite Mfg. Co., 2064 Southport av, Chicago, Ill.
*Kaestner & Hecht Co. (Elevators, Brewers' & Maltsters', Paint Grinding & Mixing Machinery), 500 Throop
§*†Kainer & Co., 761 Mather
*Karas Electric Co. (Electric Specialties), 215 W Illinois
*Karbatzki J. B. & Son, 1302 W 22nd
†Kedzie Fdy. Co., 3234 W 31st
*†Kellogg-Mackay Co. (Radiators & Heating Apparatus), 419 W 18th
*Kellogg Switchboard & Supply Co., 1066 W Adams
§Kelly Brass Works, 226 W Ontario
*Kelly Thomas & Bros. (Water Closets & Plumbers' Brass Goods), 404 S. Kolmar av
*Kiesler Jos. F. Co., N Sangamon & W Huron
†Kimball W. W. Co. (Piano Plates, etc.), 304 S Wabash av
*Kimber G. A. (Tools), 1326 N Hamlin
*Kimble Electric Co. (Electric Motors & Fans), 634 North Western av
*Klemm E. R. (Stone Jacks), 1453 Austin av
Kling Bros. Engineering Works, 1300 N Kostner av
*Klipfel Mfg. Co. (Valves, Regulators, etc.), 2651 W Harrison
*Kohler & Liebich (Player Piano Roll Cutting Machinery), 1751 Addison
*Kritzer Co., 503 S Jefferson
*Kroeschell Bros. Ice Machine Co., 472 W Erie
*Lammert & Mann (Gas & Gasoline Engines, etc.), 221 N Wood
*Lamson Cutter Head Co. (Woodworking Machy.), 30 N Jefferson
*Lange Henry G. (Glass Beveling & Coffee Roasting Machinery), 162 N May
*Larsen Ivert (Special Machinery, Dies, etc.), 221 N Elizabeth
*Latham Machinery Co. (Bookbinders' Wire Stitching & Perforating Machines, etc), 1153 Fulton
Laubenheimer Co., The (Brew Kettle, Beer, Coolers, etc.), 17 N La Salle, Dept H.
Laun Machine Co., 715 Root
*L'Hommedieu Chas. F. & Sons, 4521 Ogden av, Chicago, Ill.
§Leitelt Bros., 7731 S Chicago
Lennox Machine Co., 2558 W 16th
*Lidseen, Gustave (Tools), 832 S Central av.
*Lindahl Henry Machine Co., 954 W Lake
*Lindstrom, Smith Co. (Electric Vibrators, Hair Dryers, etc.), 3212 W Lake
*†LINK-BELT COMPANY (Elevating, Conveying and Power Transmitting Machinery), 300 W 39th
See adv index at end of book
*Littell F. J. Machine Co., 4125-7 Ravenswood av,
See adv index at end of book
Logan Machine & Mfg. Co., 222 S Clinton
*Lovejoy Tool Works (Tools, Jacks, Punches, etc), 319 W Ohio
See adv index at end of book
*McAlear Mfg. Co., 1901 S Western av.
*McClellan Refrigerating Machine Co., 570 W Adams
†§*McCormick Wks. Blue, 1st & Western avs
McCrea, Jas. & Co., 562 W Washington
*McDonald Mach. Co. (Can Making Machinery), 7600 S Racine av.
§*McGuire-Cummings Mfg. Co.
*†McIntosh Battery & Optical Co., 217 N Desplaines
*McIntosh Stereopticon Co., 30 E Randolph
McKinney Harrington Co., North, Dept. H
*McLeod Mfg. Co., 2640 Greenview av, Chicago, Ill.
*McMorran Edw E. & Co., 126 N Union
*†Magnus Metal Co. (Brass Founders & Finishers), 80 E Jackson blvd
§Mahoney P. F., 552 W Lake
Makutchan Roller Bearing Co., 35 W Lake, Dept. H
Mann Corp., 72 W Adams
*Mantle Lamp Co., 609-611 West Lake
Manufacturers Belt Hook Co., 1321 W Congress
*Marchant Geo. F. Co. (Dies, etc.), 1420 S Rockwell
*Marine Iron Works (Paddle Wheel & Marine Machy.), 2036 Dominick
*Marsh Jas. P. & Co. (Steam Gauges, etc.), 118 S Clinton
*Marshall & Huschart Machinery Co., 17 S Jefferson
*Martin & Anson Co., 2226 Indiana av.
*§Mason Davis & Co. (Scales, Castings, etc.), 7740 S Chicago av
*Massey Vise Co. (Vises, etc.), 35 S Desplaines
*Mateer F. W. & Co. (Laundry Machinery), 222 W Ontario
*Mechanical Machine & Tool Works, 549 Fulton
*Metal Block & Ingot Co., 2215 Elston av
*Miller Chemical Engine Co., 837-839 Larrabee
*Miller Engine Co., 2329-31 Talman av.
*§Mills Novelty Co. (Coin Operating Machines), 221 S Green
*Mitchell F. C., 714 S Dearborn
*Monarch Motor Mfg. Co. (Gas & Gasoline Engines), 4636 W Madison
*Monarch Tool & Machinery Co. (Dies, Tools, etc.), 522 S Clinton
*†Monighan Machine Co. (Hoisting Engines, Steam Hammers, Grey Iron Castings, etc.), 2032 Carroll av
*Moore & Co. (Special Machy, Dies, Tools, etc.), 305 W Grand av
*Moore-Master Mfg. Co. (Power Transmission), 3445 N Western av
*Morkrum Co. (Printing Telegraph Machinery), 140 Wrightwood av
*Moyer Chas. L. & Co., 75 W Van Buren
*Mulvey Chas. Mfg. Co., 1840 Carroll av
*†Munro Daniel (Iron Fdrs.), 433 S Jefferson
*Murray W. B. (Gasoline Engines), N Winchester & Wabansia av
*†National Car Coupler Co. (Car Couplers, Buffers, Steel Platforms, etc.), 332 S Michigan av. Works: Attica, Ind.
*National Machine Works (Brewers' & Maltsters' Machy.), 1559 Sheffield av
*National Malleable Castings Co. (Malleable Iron Castings for R. R., etc), 2610 W 25th pl. (See Cleveland, O.)
*National Sewing Machine Co., 320 W Madison
*National Stamping & Electric Works (Electric & Special Machinery, Dies, Tools, etc), 424 S Clinton
*Nelson A. Mfg. Co. (Bicycle & Auto Parts), 564 W Randolph
*Nelson & Le Moon (Machinists), 849 N Kedzie av
†Nichol-Straight Fdy. Co., 319 Austin av
*Nichols Geo. P. & Bro. (R. R. & Special Mach., etc), 2139 Fulton
*North Chicago Machine Co. (Gasoline Engines, etc.)
*Northwestern Electric Co. (Electrical Repairs), 408 S Hoyne av
†Northwestern Foundry Co., 662 W 12th
*Nye Steam Pump & Machy. Co., 701 N Western av
*Nye Tool & Machine Works (Mechanical & Electrical Machy.), 108 N Jefferson
*O'Leary Arthur J. & Son Co. (Iron & Steel Articles), 65th & S 57th av
*†Oliver Typewriter Co., 159 N Dearborn
*Olsen & Tilgner Mfg. Co. (Brewers' & Maltsters' Machinery), 2280 Elston av
*†O'Malley-Beare Valve Co., Ry. Exchange bldg
*Orton & Steinbrenner Co. (Cranes, etc.), 610 S Dearborn.
*Ostrander-Seymour Co. (Printing Machinery), 7 S Dearborn
*†§Otis Elevator Co., 1501 W 15th
*Paine Co., 1742 H Van Buren
*Paragon Mfg. Co. (Laundry Machinery), 2427 W 14th
†Paragon Metal Co.
*§Paragon Metal Co. (Brass & Bronze Castings, etc), 3058 S Ashland av
*Parish Supply & Mfg. Co., 2868 Quinn
*Parmelee Tool Co., 2515 W Monroe
*Partridge Edw. O., 2047 Lake
*§Payson Mfg. Co., 2918 W Jackson blvd
*Peerless Electric Co. (Electrical Repairs), 550 W Harrison
Peerless Tool Co., 208 S La Salle
*Pelouze Mfg. Co. (Scales, etc.), 232 E Ohio
*†Perrin Wm. R. & Co. (Filter Presser and Hydraulic Presses), 37 W Van Buren
*Peterson Chas. J. Co., 725 Fulton
*†Pettibone, Mulliken & Co. (R. R. Frogs, Crossings, Switches, etc.), 140 S Dearborn
†Phoenix Foundry Co. (Sash Weights, etc.), 1455 S Jefferson
*†Pilsen Foundry & Iron Works, 1530 W 22d
*†Plamondon A. Mfg. Co. (Power Transmitting Machy., etc.), 12 N Clinton
*Plunket Jas. E. (Drill Press, Milling Machine Vises, Gas Engines, etc.), 1345 W Lake.
See adv index at end of book
*Pollak Steel Co., 3044 98th
*Pollard Engineering Co. (General Machinists' Punches, Dies & Presses, etc.), 169 N Jefferson
*Pondelick Bros., 215 S. Leavitt
*Powell Steel Kitchen Co., 4223 Belle Palne av
*Pratt Henry Co., 2222 S Halsted
Pratt Wm. E. Mfg. Co., 35 W Lake, Dept. H.
*Precision Metal Workers, 3100 Carroll av
*†Pridmore Henry E. (Molding Machines), 1901 S Rockwell
*Prince Elevator Co., 231 W Grand av
*Pringle & Brodie (Woodworking Machinery, etc), 514 S Canal

ILLINOIS—Chicago—continued

•Printers' Chase & Machine Works (Special Machy.), 159 N Jefferson
•Progress Machine Works (Hydraulic Presses), 512 N La Salle av
§•Pullman Co., 79 E Adams
•†§Pullman Co. (Car Builders, etc.), Pullman bld. Works: West Pullman, Chicago.
†§•Pyle-National, 1334 Kostner av
•†Pyott Foundry Co., 328 N Sangamon
•Quadriga Mfg. & Specialty Co. (Special Machy.), 213 W Grand av
See adv index at end of book
•Railroad Supply Co. (Railroad Specialties), 203 S Dearborn
•†Railway & Mine Supply Co., McCormick bldg
†•Railway Materials Co., Railway Exchange bldg
•§Railway Steel Spring Co., 108th & Watt
•Rebsamen & Almeroth (Brewers' Machinery), 2324 Elston av
•Rebuilt Typewriter Co. (Typewriters Rebuilt), 138 S Wabash av
•†Reder Foundry Co. (Mach & Builders' Castings), 3536 S Oakley av
•Redington F. B. Co. (Special Machy., Gears, etc), 112 S Sangamon
•†Reedy Foundry Co., 4600 Iowa
•Reichel & Drews (Special Machy.), 559 W Lake
•Reliance Elevator Co. (Elevators, etc), 212 W Austin av
†Rempe Co. (Cast Iron Pipe & Coils), 341 N Sacramento av
•Republic Mfg. Co., 2944 W Lake
•†§Riverside Iron Works, 106th & Buffalo
•†Roos Henry Fdry Co., 1749 Ballow
•Roth Bros. & Co. (Dynamos & Motors & Electric Drivers), 1400 W Adams
•Rouse H. B. & Co. (Printers' Tools, etc.), 2214 Ward
•Rowe Jas. (Book Trimming Machy.), 1058 W Harrison
†Russell Elect. Co., 140 W Austin
•§Ryan J. J. & Co. (Brass Founders & Finishers), 100 S Jefferson
•Saal H. G. Co. (Dies & Tools), 1800 Montrose
•Sandberg Adolph L. (Sand Forging, etc.), 222 S Clinton
•Sargent E. H. & Co. (Laboratory Apparatus, etc.), 155 E Superior
•†Satisfaction Guaranteed Corp., 659 Fulton
•Savage Bros. Co. (Confectioners' Machinery), 2638 Gladys av
•Scaar Frank & Co. (Architectural), 1042 W 11th
Scalbom Mfg. Co., 11 So Desplaines, Chicago, Ill.
•Schaar & Co., 558 W Jackson blvd.
•Schindler A. J. Co. (Machinery), 1314 W 21st
†•Schlangen Bros. Co., 2435 Irving Park blvd.
Schlueter M. L., 225 W Illinois, Dept. H.
•Schultz A. L. & Son (Power Transmitting Machy.), 1675 Elston av
•Schultz Richard A., 213 Institute
•Schultz Walter L., 6432 Nordica av
•Schureman J. L. Co. (Elec. Specialties), 122 S Michigan av
†Semi-Steel Test Foundry Co., 4916 Bloomingdale av
†Servoss Furnace Co. (Iron Fdrs.), 55 W Austin av.
†•Sheffield Foundry Co. (Iron Fdrs.), Clybourn av & Herndon
•Sherman-Klove Co., 4649 W Harrison
•Shone Co. (Ejectors), 231 Institute pl
•Sim Geo., 421 S Clinton
•Simplex Ejector Co., 1050 W Randolph
•Simpson Ralph H. Co., 166 W Randolph
Skinner N. B. Co. (Steam Specialties & Boring Machines for Electric Wiring), 562 W Washington
•Smallbone Mfg. Co. (Sewing Machine Parts, etc), 1821 Berteau
§Smeeth-Harwood Co. (Bronze & Copper Castings for Blast Furnaces), 2401 W 22nd
†Smith Chas. Co. (Furnaces, etc.), 57 W Lake
•Smith F. H. Mfg. Co. (Hand & Foot Power Riveting Machines, etc.), 3047 Carroll av
•†§SMITH F. P. WIRE & IRON WORKS (Builders' Iron Work & Iron & Bronze Castings), 2340-48 Clybourn av
See adv index at end of book
§Smith Paul, 564 W Randolph
•Smith & Phillips Mfg. Co. (Woodworking Machinery)., 1008 W Madison
•Smurr & Kamen Machine Co. (Wire Crimping, Cutting & Counting Combined Machines, etc.), 328 N Albany
•†South Halsted Street Iron Works (Fdrs. & Bldrs.' Iron Work), 2607 S Halsted
•Spies Elec. Works, 564 Van Buren
•†§Sprague Canning Machy. Co. (Canning Machinery, etc.), 222 N Wabash av
•Stafford Mfg. Co. E. H., 218 S Wabash av
•Standard Car Truck Co. (Car & Locomotive Trucks, etc.), 332 S Michigan av
•Standard Coupler Co., 122 S. Michigan
•Standard Diamond Drill Co. (Diamond Core Drills), 38 S Dearborn
• Standard Electric Mfg. Co., 216 N. Clinton
•Star Brass Works (Whitewash Machines, Finishers, etc.), 3129 Carroll av *See adv index at end of book*
•Staver Carriage Co. (Feed Mills, Carriages, etc.), 76th & Wallace
•Stecher Chas. Co. (Canners' Machy.), 2301 Knox av.
§Stewart Mfg. Corp., 4535 Fullerton av
•§Stewart-Warner Speedometer Corp. (Speedometers, etc.), 1826 Diversey Parkway
Stierlin Machine & Die Works, 625 W Jackson Blvd
§Street & Kent Mfg. Co. (Brass Fdrs., Plumbers' Brass Specialties), 549 Fulton
•Strohm W. A. & Bro. (Bicycles & Novelties), 1612 W Lake
•§Stromberg Motor Devices Co., 63 E 25th
•Strube Machine Works (Machinists, Special Machinery), 337 W 25th
•Sullivan Machinery Co. (Rock & Diamond Drills), Peoples Gas bldg
•Superior Machine & Boiler Works (Machinists), 848 W Superior
•Surerus & Greenhill (Milling Cutters, etc.), 502 W Division
•Swenson Evaporator Co. (Evaporating & Chemical Machy.), 53 W Jackson blvd
•Sykes Co., 930 W 19th pl.
†Tarrant Foundry Co. (Iron Fdrs., Light & Heavy Grey Iron Castings, etc), 373 W Grand av
Tarrant Robt. (Marine Engines, etc.), 323 W Illinois
Templeton Kenly & Co. (Ltd.) (Track Jacks, etc), 1020 S Central av
•Thomas Elevator Co. (Hod Hoisting Machinery, etc.), 20 S Hoyne
•Toles W. C. Co. (Special Machinery & Vises), 4034 N Tripp av
•Traub W. F. Range Co. (Steel Ranges), 231 W Superior
•Trini A. & Co., 557 W Adams
•Troy Laundry Machinery Co. (Ltd.) (Laundry Machinery), 23d & La Salle
•Underwriters Hatch Door Co., 1741 Walnut
•†Union Foundry Works (Iron Founders & Builders' Iron Works), First Natl. Bank bldg
•Union Special Machine Co. (Sewing Machines), 400 N Franklin
†Union Stock Yds. Fdy. Co.
•U. S. Ball Bearing Mfg. Co. (Ball Bearings), 4535 Palmer
•†U. S. Bottlers' Machinery Co., 2511 Park av.
•U. S. Slicing Machine Co., 189 N Dearborn
•Universal Type Making Machine Co. (Type Casting Machines), 732 Federal
•†Variety Mfg. Co., 2958 Carroll av
•Venn-Severin Machine Co., 1317 W North
•†Vierling Steel Works, 23rd and Stewart av.
•†Vulcan Iron Works (Fdrs. & Machinists Pile Driving Machinery, etc), 327 N Irving av
*Vulcan Manfg. Co., 3140 S Canal
•Wachs E. H. Co., 1525 Dayton
•Wahl Co. (Adding Machines, etc), 1800 Roscoe
•Walsh Press & Die Co. (Presses, Dies, Special Machinery, etc.), 4709 W Kinzie
•Walworth A. O. & Co., 30 S Clinton
•Wanner Machinery Co., 716 Dearborn
•Watling Mfg. Co. (Coin Operating Machines), 1029 W Adams
•Weber Bros. Metal Works, 108 N Jefferson
•Webster Mfg. Co. (Gas, Gasoline & Petroleum Engines), 332 S Michigan av
•†Welch E. J., Fdry. Co. (Brass & Iron Castings, etc.), 24th & Wallace
•†Weller Mfg. Co. (Elevating & Conveying, Grain Elevator, Power Transmitting Machinery, etc.), 1856 N Kostner av
•Wells F. C. (Repairs on Pumps), 101 S Clinton
•Westerlin & Campbell Co. (Refrigerating Machy.), 26 N Clinton
•§Western Brass Mfg. Works (Brass & Bronze Hardware, Plumbers' Brass Goods & Brass & Composition Castings), Marshall blvd & W 21st
†§•Western Elec. Co., 500 S Clinton
†Western Foundry Co. (Iron Fdrs., Soft Grey Iron Castings), 3634 S Kedzie av
•†§Western Steel Car & Foundry Co. (Steel Cars & Castings), Peoples Gas bldg
†•White Brass Castings Co. (Die Moulded Castings), 1656 Austin av
•Whiting Geo. Co. (Punching & Shearing Machy.), 1719 Elston av
•Wilcor Mfg. Co. (Spinning Lathes, etc.), 4824 W Lake
Willis F. C. & Co., 565 W Washington blvd.
•†§Winslow Bros. Co. (Ornamental), 4600 W Harrison
•Wirebounds Corp., 1001 W Washington
•†§Wolff Mfg. Co. (Iron & Brass Fdrs., Plumbers' Supplies, Cast Iron Pipe & Plumbers' Brass Goods, etc.), 255 N Hoyne av
•Wood Morris & Son (Moulding & Carving Machines), 5108 W Lake
•Woodlawn Repair Co., 6132 Cottage Grove av
•Woods Motor Vehicle Co., 2515 Calhuall
•Wrigley Thos. Co. (Printing Presses & Special Machinery), 504 Sherman
•Yaxley Manfg. Co., 1101 W Monroe
Yeomans Bros. Co. (Electric Pumping Machy.), 1436 Dayton
See adv index at end of book
•Zoeller Wm. Co (Machinist), 325 N Curtis

CHICAGO HEIGHTS—•†Allen Edgar
•†American Manganese Steel Co., Dept. H, 14th and State
American Manganese Steel Co.
•Ayer Fred H. Mfg. Co. (Electrical Appliances, etc.)
•†Canedy-Otto Mfg. Co. (Anvils, Vises, Forges, Blowers, Drills, etc.)
•§†Chalmers Williams Mfg. Co.
•Funk Bros. Mfg. Co. (Miners' Tools & Supplies, etc.)
•Inland Steel Co. (See Chicago, Ill.)
•Kennicott Co. (Water Softeners, etc.), 134 S Lasalle
•Morden Frog & Crossing Works (See Chicago, Ill.)
•†Quaker Mfg. Co.
†•Temple Mfg.
•Wood, Smith & Co. (Carriage & Wagon Axles, etc.)

CHILLICOTHE—•Slinn H. H.
CICERO—•Coonley Mfg. Co. (Tinware Mfrs., etc.)
†Crown Stove Works. Office: Chicago, Ill.
•Hurley Machine Co.
•Sterling Drop Forge Works
CISSNA PARK—†Gerard Michael
CLAYTON—•†Birkett A. S.
COBDEN—•Ede G. A. (Machinist)
COLLINSVILLE—•†Bernhardt, Niehaus & Co.
•†Blum Mfg. Co. (Stock Bells, etc.)
CONCORD—•Rayborn J. J.
COULTERVILLE—•†§Bouas E. & Sons
DANVILLE—•†Allith-Prouty Co. (Door Hangers, etc.)
Chesley Bros. (Boiler Repairs)
Chesley J. L. (Boiler Repairs)
•†§Danville Foundry & Machine Co. (Brass & Iron Castings, Mine Car Wheels, etc.)
†Danville Malleable Iron Co.
•Fairhall Joseph Jr.
•Scherer Machine Co.

DECATUR — •Beall Improvement Co. (Flour Mill Machy.)
•Bold, Wm. M. (Machinist)
•Brett Wm. P. (Machinist)
•Chambers, Bering, Quinlan Co. (Steel Slack Barrels, etc)
•Curtis Truck & Forging Co. (See Chicago, Ill.
†Decatur Fdry. Co. (Grey Iron Castings)
§Faries Mfg. Co.
Hartley C. J. Co. (See Peoria, Ill.)
§Mueller H. Mfg. Co. (Tapping Machines, Water, Plumbing & Gas Brass Goods)
•Oakes W. L.
•Specialty Mfg. Co. (Pencil Sharpeners)
•†Stevens Mfg. & Foundry Co. (Agr'l Implements & Iron Castings)
•†Union Iron Works (Grain Cleaning, Power Transmitting & Flour Mill Machy., etc)

De KALB—•Kohler Die & Specialty Co. (Tools, Dies, Presses, Special Machy., etc.)
•†Standard Foundry & Mfg. Co.
DES PLAINES—†•Garland Mfg. Co.
DIXON—†Grand Detour Plow Co. (Agr'l Implts., Plows, etc.)
DOWNERS GROVE — •Dicke Tool Co. (Linemen's Construction Tools, etc.)
•§Hawkins H. J.
DU QUOIN—•†Blakeslee Mfg. Co. (Steam Pumps, etc.)
EAST MOLINE—•†§Fairbanks E. & T. & Co.
•†Marseilles Works of Deere & Co. Agricultural Implements, etc)
•†Root & Van Der Voort Engineering Co. (Gas & Gasoline Engines, etc.)
†§Union Malleable Iron Co. (Malleable Castings)

EAST ST. LOUIS—American Steel Foundries
•Elliott Frog & Switch Co. (Frogs, Switches, Railroad Specialties, etc.), 301 S Main
•†Excelsior Tool & Machine Co. (Punches, Shears, Castings, etc.), 32nd & Ridge
†Midwest Forge & Steel Co., Dept. H
•Missouri Bridge & Iron Co.
•Railway Steel Spring Co.

EDWARDSVILLE — *Bernhardt Manufg. Co. (Agricl. Implts.)
*Desmond M. Mfg. Co. (Steel Trucks & Cars)
*§Edwardsville Brass Co. (Brass Fdrs. & Plumbers' Brass Goods)
§Leclaire Mfg. Co. (Plumbers Supplies)
†*U. S. Radiator Corp.
EFFINGHAM—*Alt Frea
ELGIN—*Elgin Brass & Electrical Mfg. Co.
†§Elgin Brass Fdy. Co.
*Elgin Gas Engine & Machine Co.
*†Elgin Manufg. Co. (Condensed Milk Machy.)
*Elgin Metal Novelty Co. (Piano Players' Hardware & Fine Machinery)
*Elgin National Watch Co. (Watches & Metal Cases)
*Elgin Tool Works (Special Machy.)
*Elgin Wheel & Engine Co. ("Redemotors" Small Gasoline Engines)
*Elgin Wind Power & Pump Co.
*§Moody Chas. J.
*Moseley Lathe Co. (Bench Lathes)
*†Woodruff & Edwards Co. (Coffee Mills & Grey Iron Castings, etc.)
EVANSTON — *†Comstock A. S. (Air Pumps, Gas Forges, etc.)
*§Mark Mfg. Co. (Artesian & Tubular Well Specialties, etc.)
*Symons Bros Co.
FAIRFIELD—*Heidinger Frank (Machinist)
FILLMORE—*Whitten & Ludewick
FRANKLIN PARK — *Franklin Park Foundry Co. (Malleable Iron Fdrs.)
FREEPORT—*†§Arcade Mfg. Co. (Molding Machines, etc.)
*Bloom-Burns Manufg. Co. (Manure Spreaders)
§Freeport Brass Foundry
*Freeport Gas Machine Co. (Gas Engines, etc.)
*Hoefer Mfg. Co. (Machine Tools, etc.)
*Jastram Fred'k (Gasoline)
*†Rawleigh W. T. Co. (Gasoline Engines, Grey Iron Castings, Windmills, etc.)
†*Rawleigh Mfg. Co.
*Schofield & Co. (Potato Planters, etc.)
*Severance Gas Machine Co. (Gas Machines)
*Ulfers Mfg. Co.
*†Woodmanse Mfg. Co. (Pumping & Power Steel & Wooden Windmills & Iron & Brass Fdrs.)
FULTON—†Chicago Stove & Range Co.
†Mississippi Valley Stove Wks. (Stoves, etc.)
GALENA—*†§Galena Iron Works Corp. (Iron Founders & Mining Machinery, etc.)
*†Westwick Jno. & Son (Iron Fdrs., Steam Engines, Furnaces, etc.)
GALESBURG—†Frost Mfg. Co. (Steam Engines, Boilers, Dry Pans, etc.)
*†Galesburg Machine Works (Grey Iron Castings & Jobbing Machinists)
†Galesburg Malleable Castings Co. (Grey Iron & Malleable Iron Castings)
*Galesburg Writing Machine Co. (Typewriters, Adjustaphones, etc.)
*May Bros. (Windmills, etc.)
*Robson Manufg. Co. (Automobile Parts)
†Shaw, Welsh & Co.
*†§Walton-Van Huffel Mfg. Co. (Grey Iron Castings & Jobbing Machinists)
*†§Wenzelman Mfg. Co. (Farm Elevators & Wagon Dumps)
GALVA—*Galva Heater Co. (Steam Heaters & Corn Planters)
†§Hayes Pump & Planter Co. (Pumps, Cultivators, Planters, etc.)
*†Wistrand Mfg. Co. (Pumps, Corn Planters, etc.)
GENEVA—*Burgess & Norton Mfg. Co. (Hdw. Specialties, Ball Bearing Axles, etc.)
†Geneva Fdy. & Mach. Co.
*†Howell W. H. Co. (Sad Irons, etc)
GIBSON CITY—*†Gibson Iron Works (Radiators & Iron Fdrs.)
GRAFTON—*Rippley Mfg. & Steel Boat Co. (Steam Feed Cookers, Sprayers & Metal Boats)
GRANITE CITY—*†American Steel Foundries (Steel Cars, Trucks & Castings). (See Chicago, Ill.)
*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc.). (See St. Louis, Mo.
*Hoyt Metal Co.
*National Enameling & Stamping Co. (See New York City)
GREENVILLE—*Kruger Philip J. (Machinist)
HARRISBURG—†§*Harrisburg Fdy. & Mach. Shop
HARVEY—*American Stove Co. (of St. Louis) (Stoves, Steel Ranges, etc.)
*Austin Mfg. Co. (See Chicago)
*Bliss & Laughlin (Key Seating & Shafting)
*†§Buda Co. (See Chicago)
*†§Calumet Foundry Equipment Co. (Fdry. Equipment)
*Chicago Steel Car Co.
*†Dee Wm. E. Co. (Sewer Pipes)
*Hotchkiss, Blue & Co. (See Chicago, Ill.)
†*Hunt, Helm, Ferris & Co.
†Koch Bros.
*§Pettigrew Foundry Co. (Iron Castings, Machinists' Pattern Makers)
*Strang Engine Co. (Gas, Gasoline & Kerosene Engines)
*Whiting Corp., Dept. H.
HAVANA—*Crescent Forge & Shovel Co. (Shovels, etc.)
*†§Havana Mfg. Co. (Gas Engines, etc.)
†Havana Metal Wheel Co. (Metal Wheels, etc.)
*Perkins Bros. (Gas Engines, etc.)
HIGHLAND—Lentwiller Bros. (Machinists)
HINCKLEY—*Davis L. E.
HOOPESTON—*Green John & Sons (Jobbing)
*†§Sprague Canning Machinery Co.
†§Vermilion Malleable Iron Co.
JACKSONVILLE—†§Bambrook A. W.
*Illinois Steel Bridge Co.
†§*Jacksonville Fdy. Co.
*Kellogg Bros. & Co. (Machinists)
JOLIET—*†§Bates Machine Co. (Steam Engines & Wire Mill Machy., etc.)
*†Buckeye Engine & Foundry Co. (Gas & Gasoline Engines, etc.)
*†Champion Machinery Co. (Bakers' Machinery, etc.)
*Ditto G. M. (Agrl. Implements)
*Hardy Wallace L. (Machinist)
*†Humphrey & Sons (Wire Mill Machinery)
*†§Illinois Steel Co. (See Chicago)
†Joliet Fdy. Co.
*†Joliet Mfg. Co. (Corn Shellers, etc.)
*Makutchan Roller Bearing Co.
*Moore Bros. Co. (Stoves, etc.)
*†§Pratt Wm. E. Mfg. Co. (See Chicago)
*Van Fleet Mfg. Co.
KANKAKEE—*†§Beaumont Valve & Hydrant Works (Valves, Hydrants, etc.)
†Kankakee Foundry Co.
*Pratt Edwin & Sons
*Soper Geo. E.
*Tait Mfg. Co. (Machinery, etc.)
KEWANEE—*Demmler Wm. & Bro. (Fdry. Plant Machinery, etc.)
†*Kewanee Boiler Wks.
*Kewanee Private Utilities Co. (Gasoline Engines), West Side
*†§Peters Pump Co. (Agrl. Implts., Pumps, etc.)
LADD—*Erickson Andrew L.
LA GRANGE—†La Grange Fdy. Co.
LA SALLE—*La Salle Machine & Tool Co. (Surface Grinders)
*Western Clock Mfg. Co. (Clock Mfrs., etc.)
LEMONT—*§Illinois Pure Aluminum Co.
LEROY—*Jones Chas. D. (Machine)
†§*Myers C. H.
LIBERTYVILLE—*Laycock W. Co. (Engines, etc.)
LINCOLN—*†Iles Edw.
*Mohn H. (Machinist)
LITCHFIELD—*†American Radiator Co. (See Chicago)
*†Litchfield Fdry. & Machine Co. (Machinery & Grey Iron Castings)
LOCKPORT—*§Barrows Lock Co.
McHENRY—*Engeln M. & Son
MACOMB—*†Fisher A. (Fdry. & Machinist)
MADISON—*†§American Car & Foundry Co. (See St. Louis, Mo.)
MARENGO—*†Marengo Foundry & Machine Co. (Gas Engines, etc.)
MAROA—*Maroa Mfg. Co. (Agrl. Implts., Car Loaders, etc.)
MARSEILLES—*Goodell J. H. & Son
*Marseilles Harrow Mfg Co. (Harrows, etc.)
*†O'Neil T. L. (Agricultural Implements, etc.)
MARTINSVILLE—*Rowe M. A. (Machinist)
MASCOUTAH — *Schnebelin Fred (Jobbing)
MATTOON—*†Chuse Engine & Mfg. Co. (Engines, Fdrs., Machinists, etc.)
*Clark H. W. Co. (Meter Boxes & Water Appliances)
*Thatcher Bros.
MELROSE PARK — †National Malleable Castings Co. (See Cleveland, O.)
†*Am. Brake Shoe & Fdry. Co.
MENDOTA—*Black Mfg. Co.
*†§Mendota Mfg. & Transfer Co.
*Tower J. D. & Sons Co. (Agrl. Implements)
MOLINE—*†Barnard & Leas Mfg. Co. (Flour Mill & Grain Elevator Machinery)
*Borg & Beck Co. (Woodworking Machinery)
*†Cooper H. W. Saddlery Hdw. Mfg. Co. (Malleable Iron Castings)
*†Deere & Co. (Agrl. Implts.)
*†Moline Foundry Co. (Grey Iron Castings)
*†Moline Plow Co. (Agrl. Implements, Plows, etc.)
*†Moline Tool Co. (Gang Drills)
*Montgomery Elevator Co. (Elevators)
*§Schmidt Joseph (Brass Fdry.)
*Sechler D. M. Implement & Carriage Co.
*§Western Pattern & Mfg. Co.
*†Williams, White & Co. (Heavy Machy.)
MONMOUTH—*†Maple City Furnace Co. (Furnaces, etc)
*Milne Mfg. Co. (Stump Pullers, etc.)
*Monmouth Plow Factory (Plows, Cultivators, Harrows)
*†§Pattee Plow Co. (Agrl. Implts., Plows, etc.)
MORRIS — *†§Coleman Hardware Co. (Door Hangers, etc.)
†Ill. Fdy. & Specialty Co.
MORRISON—*Illinois Refrigerator Co.
†Summit Stove Wks.
MOUNT VERNON—*†Mount Vernon Car Mfg. Co. (Car Builders, Car Wheels, Castings, etc.)
MURPHYSBORO—*†§Egyptian Iron Wks. (Iron & Brass Castings, Mine Cars, etc)
NAPERVILLE—*Goetsch & Son (Plows, etc.)
NEW ATHENS — *†Auto Stove Works (Stoves, etc.)
§*Biever Mfg. Co.
NORTH AURORA—§*Biever Mfg. Co.
†Sperry D. R. & Co. (Filter Presses, Evaporators, Vacuum Pans, etc.)
NORTH CHICAGO—*†§Chicago Hardware Fdry. Co. (Light Grey Iron, Brass & Aluminum Castings, etc., Gas Engines, etc.)
†North Chicago Brass Wks.
*North Chicago Machine Co. (Gas Engines, etc.)
O'FALLON—*†§Willard Wm. G. (See St. Louis, Mo.)
OREGON—*American Lock Nut & Tool Co. (Lock Nuts, etc.)
†Paragon Fdries. Co. (Piano Plates)
OTTAWA—*†§Knowles W. H. Foundry & Machine Co. (Builders' Iron Work & Castings)
*†§Porter J. E. Co. (Stable Fittings)
*Stewart Bros. (Testing Instruments)
PARIS — *§McGuire-Cummings Mfg. Co. (See Chicago)
*†Reese F. W.
*Robertson J. L. Machine Co.
PEKIN—*†§Duisdieker Fdry. & Mfg. Co. (Machinists & Iron Fdrs.)
*Pekin Engine & Machine Works
*Pekin Wagon Co. (Wagons, etc.)
PEORIA—*†§Acme Harvesting Machine Co. (Agrl. Implts.)
*Armstrong Jas. C. Machine & Fdry. Co. (Gears, Pinions, etc.)
*†Bartholomew Co. (Coffee & Peanut Roasting Machines
*Black-Woods Mfg. Co.
*§Brass Foundry Co. (Brass Fdrs & Machinists)
†*Cutler & Proctor Stove Co.
*Electrical Testing Co. (Repair Meters, etc.)
Fischbash Manufg. Co. (Gasoline Engines)
*Hagerty Bros. Co.
*†Hart Foundry Co.
†Hart Grain Weigher Co. (Grain Weighers, etc.)
*Hartley C. J. Co. (Pumps). Works: Decatur, Ill.
*Herschel R. Mfg. Co. (Agrl. Implts.)
*†Holt Mfg. Co. (Caterpillar Tractors & Harvesters & Engine Machy.)
*Illinois Electric Mfg. Co.
*§Illinois Pump & Brass Co. (Lifts & Pumps, etc.)
*King Light Co. (Gasoline Lamps, Stoves, etc.)
*§Kinsey & Mahler Co. (Steam Specialties & Plumbers' Brass Goods.
*Kramer Automatic Tamper Co. (Concrete Tampers, etc.)
*Meyer Furnace Co.
*Nelson, L. R.
*†Nichols & Stepard Co. (See Battle Creek, Mich.
*Oltmanns, Schmidt & Co. (Ornamental Iron Work, etc.)
*Peoria Coal Drill Works (Coal Drills)
*†Peoria Drill & Seeder Co. (Agrl. Implts.)
†Peoria Foundry Co., (Iron Fdrs, Bldrs' Grey Castings, etc.)
*Pfundstein S. Tool Works (Stone Cutters' Tools, etc.)
*Schneider & Metzger (Machinists)
*Sester Manufg. Co. (Seeders)
*Smith E. M. & Co.
*Tichenor F. C. Gear Works (Gears & Pinions, etc.)
PERU—*†Brunner Machy Co. (Gas Engines, Scales & Castings)
*Peru Plow & Wheel Co. (Agrl. Implts., Plows, etc.)
PLANO—†*Independent Harvester Co.
PONTIAC—*Meadows Mfg. Co. (Agricultural Implts, Washing Machines, etc.)
*†Spartan Mfg. Co. (Grey Iron Castings, Feed Mills, etc.)
PRINCETON—*Evans & Coppins Co. (Ball Bearing Axles, etc.)
PROPHETSTOWN—*Eclipse Lawn Mower Co. (Lawn Mowers, etc.)
QUINCY—*Berghofer—Mitchell Co. (Steel Ranges)
*†§Bush Foundry & Metal Wheel Co. (Metal Wheels & Castings)
†Channon-Emery Stove Co. (Stoves, etc.)
*Clough Concrete Construction Co. (Concrete Machinery)
*Collins Plow Co. (Agricultural Implts.)
†Comstock-Castle Stove Co. (Stoves & Ranges)
*†Dayton-Dowd Co. (Centrifugal Pumps, etc.)

ILLINOIS—Quincy—continued
*†**ELECTRIC WHEEL CO.** (Metal Wheels, Cars, Carts, etc), Station D
See adv index at end of book
*Empire Mfg. Co. (Metal Wheels)
*Ertel Geo. Co. (Hay Presses, etc.)
*†§Gardner Governor Co. (Air Compressors, Steam Pumps, etc.), 23 Williamson
†§Gem City Stove Mfg. Co. (Stoves, Heaters & Furnaces)
*Hollister-Whitney Co. (Elevators, etc.)
†La Grange Foundry Co. (Castings)
†Lahan Stove & Mfg. Co. (Stoves, etc.)
*†Little J. R. Metal Wheel Co. (Steel Wheels for Agricultural Implements)
*§Modern Iron Works (Plumbers' Cast Iron & Brass Specialties, etc)
†§Quincy Casting Co.
*Quincy Elevator Gate Co. (Elevator Gates, etc.)
†Quincy Foundry & Novelty Co. Stoves, etc.)
*Quincy Motor Co. (Gasoline Engines)
†§Quincy Stove Co. (Stoves)
†Sheridan Stove Mfg. (Stoves, etc.)
*Travilla M. (Stoves, etc.)
*§Van Doorn Co. (Ornamental Iron & Brass Work & Brass Castings)
‡White Thos. Stove Co. (Stoves)
*Wiebmer Anton (Jobbing)
†Wurst C. H. Co. (Stoves)
ROCHELLE—†Whitcomb Geo. D. Co. (Mining Mach'y, Stopcock Valves, etc.)
ROCK FALLS—*Eureka Co. (Working Machines)
*†Sterling Mfg. Co. (See Sterling, Ill.)
*Superior Machine Co. (Washing Machines)
*Ulrich Mfg. Co.
ROCKFORD—*Atwood Vacuum Cleaner Co. (Vacuum Cleaners)
*†Barnes Drill Co. (Machine Tools)
*†Barnes W. F. & Jno. Co. (Mach. Tools & Woodworking Mach'y)
*Billstrom Nels J. (Gluing Clamp Corners, etc.)
*Burson Manufg. Co. (Knitting Machines)
*Dickenson H. G. (Jobbing Machinist)
†*Dobson Mfg. Co.
*§Eclipse Gas Stove Co. (Gas Stoves & Ranges)
*†Emerson Brantingham Co.
*†§Emerson-Brantingham Co. (Agrl. Implts., Mowers, Plows, Cultivators, Traction Engines, etc.)
*Ford Mfg. Co. (Agricl. Implts.)
*Forest City Bit & Tool Co. (Boring Tools, etc.)
*Forest City Machine Co. (Jobbing)
*†Free Sewing Machine Co. (Sewing Machinery)
*†Greenlee Bros. & Co. (Woodworking Mch'y)
*Houston Mfg. Co. (Vacuum Cleaners)
*Ingersoll Milling Machine Co. (Mach. Tools)
*Jackson Mfg. Co. (Washing Machines)
*Marsh H. C. Co. (mitre boxes)
*Mattison C. Mach. Wks. (Wood Working Machinery)
*Mechanics Machine Co.
*National Lock Co.
*Redin, Ekstrom & Co. (Piano Action Machinery, etc.)
Redin Jno. E. (Cutter Heads, etc.)
*Rockford Lathe & Drill Co. (Engine Lathes)
*†Rockford Drilling Machine Co.
*†Rockford Iron Works (Power Presses)
*Rockford Lathe & Drill Co. (Engine Lathes)
*Rockford Machine Tool Co. (Machine Tools, etc.)
*†§Rockford Malleable Iron Works Inc.) (Malleable Iron & Air Furnace Castings)
*†Rockford Mfg. Co. (Agrl. Implts., Plows, Harrows, etc.)
*Rockford Milling Machine Co. (Hand Milling Machines)
*Rockford Tool Co. (Machine Tools)
*Rockford Watch Co. (Watches, etc.)
†*Rock Island Plow Co.
*Savage & Love Co. (Jobbing, etc.)
*Star Bit & Tool Co. (Wood Boring Tools, etc
†Tolleson T. E. Fdy. Co.
*†Trahern Pump Co. (Pump, Castings, etc.)
*†Union Foundry & Machine Co. (Grey. Iron Castings, etc.)
*†§Ward Love Pump Co. (Pumps, Castings, etc.)
*Whitacre J. E. Mfg. Co. (Gas Machines, etc)
†Whitney Metal Tool Co.
*Woodward Governor Co.
ROCK ISLAND—*†§Blake Specialty Co.
*Bliesener W. J. (Dies & Tools)
§Blake Specialty Co. (Plumbers Supplies)
*Davis Machine Shop
*Electric Construction & Machinery Co.
*Gearless Automatic Pump Co.
*Griswold Manufg. Co. (Slot Machines)
*†Rock Island Mfg. Co. (Grey Iron Castings, Bench Vises, etc.)
§Rock Island Metal Foundry (Aluminum, Automobile, Brass & Bronze Castings), 585 51st
†§Rock Island Stove Co. (Stove Mfrs.)
*†§U. S. Arsenal (Fdry. Dept.)
ST. CHARLES—*§Crown Electrical Mfg. Co. (Chandeliers, Bicycle Chains, etc.)
*Faultless Iron Works (Steel Ranges, etc.)
*†§Glenn Fred E. (Cast Iron Soil Pipe & Plumbers Iron & Brass Specialties)
*†Glenn Mfg. Co.
Jensen-Kohlert Mfg. Co.
†Moline Malleable Iron Co.
†Moline Malleable Iron Co., Dept. H.
SALEM—*Merz N & Son
SANDORAL—†§Sandoral Brass & Iron Wks.
SANDWICH—*Hinman D. A. & Co. (Angle Benders, etc.)
†§*Sandwich Mfg. Co.
*†Sandwich Mfg. Co. (Agrl Implts, Harvesters, Mowers, etc.)
SAVANNA—*Oyster L. A. (Agrl. Implts.)
SHAWNEETOWN—*†§Quick James W.
SHELBYVILLE—*Sturgis W. B. & Sons (Plows, etc.)
SIDELL—*Cross & Parham
SPARTA—*Little Giant Punch & Shear Co.
*Sproul Matt Co. (Punches, Shears, etc.)
SPRINGFIELD—*Ansell Oscar (Machinist)
*Bisch Geo. F. (Stoves)
*Bleser Jacob (Machinist)
*†§Fetzer & Co. (Agl. Implts., etc)
†§* Fetzer Wm. Co.
*Haas R. Electric & Mfg. Co. (Electrical Supplies, etc.)
Ide A. L. & Sons (Steam Engines and Iron Castings), 211H N 5th
*Illinois Watch Co. (Watches, etc.)
*Lourie Mfg. Co. (Tire Setters)
*Mussillon J. A. & Bro.
*Otto & Scherf
*Racine-Sattley Co. (Agricultural Implts., etc.)
*Sangamon Electric Co. (Meters)
*Weaver Mfg. Co. (Tools, Chucks, etc.)
STERLING—*Bauder E (Machinist)
*†Charter Gas Engine Co. (Gas Engines)
*Lawrence Bros. (Door Hangers, etc.)
*Meister & Cochran (Radiators, etc.)
*National Mfg. Co. (Door Hangers)
*†Novelty Iron Works (Grey Iron Castings, Fountains, etc.)
*Platt Addison J.
*†Sterling Foundry Co. (Castings)
*†§Sterling Mfg. Co. (Agrl. Implts.)
Superior Machine Co. (Washing Machines)
STREATOR—*G. & D. Mfg. Co. (Portable Grain Elevators, etc.)
*Graves L. L. (Jobbing)
*†Patch S. B. & Sons Co.
*Press Wells H. Co. (Washing Machines)
SYCAMORE—§*Brass Wk.
TAYLORVILLE—*Hollis N. F. (Machinist)
TINLEY PARK—*Boldt George
TRENTON—*Leutwiler J H
URBANA—*†§Leavitt Mfg. Co. (Gasoline Engines, Cement Tile Machines, etc.)
VANDALIA—*Craycroft H. B.
VAN ORIN—*Zimmerlein N (Pumps etc.)
VERMILION—*Downing T. D.
WAUKEGAN—*†American Steel & Wire Co. (See Chicago, Ill.)
*Chicago Recording Scale Co. (Piano Motors, Novelties, etc.)
*Nelson Machine Co.
*§Northern Brass Mfg. Co. (Plumbers Brass Goods)
WEST CHICAGO—*†Union Tool Co. (Oil & Gas Well Machinery & Tools)
WINTHROP HARBOR—*Willard Chas. P. & Co. (Marine Engines, etc.)
WOODSTOCK—*Abbott C. T.
*Griebel E. G. (Machinists)
*§Oliver Typewriter Co. (See Chicago)
XENIA—*Pierce Jno. A. (Machinist)

INDIANA.

ALEXANDRIA—*Reeves James M. (Agricultural Implts.)
ANDERSON—*Anderson Computing Scale Co. (Computing Scales, etc)
*†§Anderson Foundry & Machine Works (Tin & Brick Machinery & Castings)
*Buckeye Mfg. Co. (Gasoline Engines)
*Dice Machine Co. (Gasoline Engines)
†§Ideal Mfg. Co.
*§Lambert Gas & Gasoline Engine Co.
†§Lavelle Foundry Co. (Brass Fdrs.)
*Pierce Governor Co.
*Reliable Machine Co. (Gas Engines)
*Remy Electric Co. (Starting, Lighting & Ignition Equipment)
*Reynolds Gas Regulator Co. (Gas Regulators,
†*Standard Brass Fdry.
*†Star Foundry & Machine Works
§*Union Traction Co. of Ind.
ATTICA—§*Brosche & Kenlay, 20th Century Injector & Supply
†National Car Coupler Co. (See Chicago, Ill.
AUBURN—*†Auburn Foundry (Small Iron Castings)
*Auburn Machine & Auto Garage (Repairs, etc.)
*Standard Mfg. Co. (Cigar Lighters, Cheese Cutters, etc.)
AURORA—*†Aurora Tool Works (Upright Drill Presses, etc.)
*Cheek M. B.
*Stamm Machine Works (Barrel Mach'y)
*†Stedman's Foundry & Machine Works (Crushing & Pulverizing Machinery)
BATESVILLE—*Schott Wm. Machine Shop
BEECH GROVE—†*Shirley Radiator & Fdy. Co.
BEDFORD—*†§Bedford Fdry. & Machine Co. (Derricks, Stone Machy., Brass & Iron Fdrs., etc.)
*Meyers W. F. Co.
BERNE—*Moser A. J. & Co.
BLOOMFIELD—*†Bloomfield Mfg. Co.
*Star Jack Co. (Jacks, etc.)
Union Jack Co. (Jacks, etc.)
BLOOMINGTON—*Fletcher, E. R.
*†§Seward & Co.
BLUFFTON—*†§Grimes Geo. W. Co. (Engines, etc.)
*†Red Cross Mfg. Co. (Oil Well Mach'y)
BRAZIL—†*Brazil Mach. & Fdry. Co.
*†§Crawford & McCrimmon Co. (Machinists' & Founders' Clay Working & Wire Fence Machinery, etc.)
*†§Knight-Brinckerhoff Piano Co.
*†§Shaw Wm. M. Co. (Machinists)
*Wood Turret Machine Co. (Machine Tools, etc.)
BREMEN—†*Am. Radiator Co.
*May William (Machinist)
BUTLER—*†Butler Co. (Windmills, Wind Engines, Pumps, etc.)
CAMBRIDGE CITY—*†Bertsch & Co. (Punching & Shearing, Mach'y, etc.)
†Lehman Mfg. Co.
*National Drill Co. (Cultivators, Grain Drills, etc.)
CANNELTON—*†Lehman Mfg. Co.
CLINTON—*Shattuck R. P.
COLUMBIA CITY—Magley Bros.
COLUMBUS—*†§Caldwell & Drake Iron Works (Iron Fdrs. & Bldrs. Iron Work)
†Columbus Fdy. Co.
*†§Emerson-Brantingham Co. (See Rockford, Ill.)
*Keller C. M. (Coke Crushers)
*Reeves Pulley Co. (Power Transmission Machinery)
CONNERSVILLE—*†Connersville Blower Co. (Pumps, Rotary Blowers, etc.)
See adv index at end of book
*†Connersville Blower Co. (Pumps, Rotary Blowers, etc.)
†Hoosier Castings Co.
*Indiana Lamp Co. (Auto Lamps)
*†§Roots P. H. & F. M. Co. (Pumps, Rotary Blowers, etc.)
*§Stant Geo. Machine Works (Brass & Bronze Castings)
*Twentieth Century Mixer Co. (Concrete Mixers)
*United Vacuum Appliance Co. (Vacuum Cleaners)
*Wainwright W. W. & Son
CONVERSE—*†Fink Alexander W.
CRAWFORDSVILLE—*Birch & Birch (Speed Drills, Mach. Box Machinery, etc.)
*Crawfordsville Wire & Nail Co.
*†Lyle & Reynolds
CROWN POINT—†§*Letz Mfg. Co.
DECATUR—*†§Decatur Fdry. Furnace & Machine Co.
†*Famous Mfg. Co.
DUBLIN—*Morgan E. S. (Machinist)
DYER—*Batterman Henry C.
EAST CHICAGO—§*Edward Valve & Mfg. Co.
*†Famous Mfg. Co. (Hay Presses & Gasoline Engines)
*†Green Engineering Co. (Mechanical Stokers, Castings, etc.)
†*Hubbard Steel Casting Co.
*†Limbert Geo B. & Co.
*Locomotive Super Heater Co.
*U. S. Reduction Co.
EAST GARY—†§*Gary Fdry. & Mach. Co.
ELKHART—*Angildile Computing Scale Co. (Scales)
§*Buescher Band Instrument Co.
†§Chicago Telephone Supply Co. (Telephone Supplies)
†*Concord Fdy. Co.
§Conn Chas. G., Ltd. (Orchestra & Band Instruments)
*Davis Acetylene Co. (Gas Machines, etc.)
*§Elkhart Brass Mfg. Co. (Brass Goods for Fire Departments, Plumbers, etc.)
*Elkhart Bridge & Iron Co.
*†§Elkhart Foundry & Machine Co.
*Elkhart Iron Works (Grey Iron Castings)
*Foster Machine Co. (Turret Lathes)
*Johnson & Biddle Tool Co.
*Keene Bros. Machine Co.
*†L. S. & M. S. Ry. Shops.
*Lorbough-Jordan Tool & Machine Co. (Special Machinery, Dies, etc.)

§Northern Indiana Brass Foundry Co. **(Brass Castings)**
*Noyes Carriage Co. (Agrl. Implts. & Carriages)
Sevison Electric Co.
*Strubier Computing Scale Co. (Computing Scales)
*Waterson J. C.
§Williams S. W.
ELWOOD—*†Dawson Chas W. (Machinist & Founder)
*†Elwood Foundry (Grey Iron Castings, etc)
*Elwood Lawn Mower Mfg. Co. (Lawn Mowers)
*Krebs Emil & Son (Glass House Mach'y)
ELWOOD CITY—†*Elwood Fdy. Co.
EVANSVILLE — †Advance Stove Works (Stoves, etc.)
*Anchor Supply Co.
*Bernardin Bottle Cap Co. **(Bottlers'** Machinery)
*Blount Plow Works **(Agrl. Implts.,** Plows, etc.)
*Clarke Gas Engine Co.
†Crescent Stove Works (Stoves, etc.)
*†Davidson-Dietrich Plow Co. **(Plows** & Castings)
§Evansville Brass Works
†Evansville Metal Bed Co.
†Evansville Stove Works (Stoves, Ranges & Hollow Wares)
*†Evansville Tool Works (Axes, Hammers, Picks & Castings, Steel)
*Faultless Caster Co. (Casters)
*†§Grote F. Mfg. Co. **(Iron Fdrs.,** Bldrs., Iron Work, etc.)
*Hartig W. F. Plow Co. (Plows, Cultivators, etc.)
§Healey, Peter (Brass Fdry., Plumbers Goods, etc.)
*†Heilman Machine Works **(Engines, Saw Mills, Threshers, etc.)**
†*Hercules Gas Engine Co.
*†§Holtz Co. **(Iron Fdry., Saw Mills,** etc.)
†Indiana Stove Works (Stoves, Ranges & Hollow Ware)
*†International Steel & Iron Co.
*Kelsay Newton
*Lindenschmidt Co.
*†Mesker Geo. L. & Co. **(Iron Fdrs. &** Bldrs. Iron Works)
§*Peerless Tank & Seat Wks.
*Schroeder Headlight & Generator Co. (Headlights & Turbo-generators)
*Smith John C. Hoe & tool Co. **(Agrl. Implts., etc.).**
†Southern Stove Works (Stoves, Ranges & Hollow Ware)
*Steel Scaffolding Co.
†Vulcan Plow Co. (Plows, etc.)
FORT BRANCH—*†Lintz Henry & Son
FORT WAYNE—*Adams & Taylor Machine Co.
*American Steel Dredge Co. (Steel Dredges)
*†Bass Foundry & Machine Co. (Corliss Engines, Forgings, Iron & Steel, Castings, Grey Iron, Car Wheels, etc.)
†Central Foundry Co. (Grey Iron Castings)
*Clausmeier & Archer (Road Machy.)
*Deister Concentrator Co. (Mining Machinery)
*Deister Machine Co. (Ore Concentrators)
*Engineering Co.
*§Fort Wayne Electric Works of General Electric Co. (Dynamos, Motors, etc.)
*Fort Wayne Engineering & Mfg. Co. (Compressors, Pumps, etc.)
*Fort Wayne Foundry & Machine Co.
§Fort Wayne Smelting & Refining Co.
§*General Elec. Co.
See adv index at end of book
*Good Roads Machinery Co. (Road Making Machinery, etc.)
§Hattersley A. & Sons, (Electrical Machy.)
*Horton Mfg. Co. (Washing Machines)
KUNKLE VALVE CO. (Brass Fdrs. & Machinists Safety Valves, etc.), 821 Barr *See adv index at end of book*
†§Menefee Foundry Co. (Grey Iron Castings)
***Noble Machine Co. (Coopers Machy.)**
Schemeling & Alter
*Van Arnam Mfg. Co. (Plumbers' Supplies, etc.)
†Wayne Foundry Co., 1711H Gay
*Wayne Machinery Co.
*Wayne Oil Tank & Pump Co.
*Wayne Specialty Co. (Experimental)
WESTERN GAS CONSTRUCTION CO. (Gas Works Apparatus and Machinery), 1431 Buchanan
FRANKFORT—*§Indiana Brass Co.
***Model Machine Works (Machinists)**
*Smith Orlando B.
*§Wallace Mfg. Co. (Brick & Drain Tile Machinery)
FREMONT—*Ewing James
GARY—†§*Ind. Steel Co.
GAS CITY—*†§American Sheet & Tin Plate Co.
GENEVA—*Cross W. D. (Jobbing)
GOSHEN—*Alford Motor & Machine Co.
*Fuller Otis L. Co. (Slitting Shears)
***Goshen Eyelet Co.**
§*Harwood L. A.
*Hoosier Drilling Machine Co.
*Hoosier Motor Co.
*†Kelly Foundry & Machine Co. (Boiler Fronts, Grate Bars, etc.)
*National Dairy Machine Co. **(Dairy** Machinery, etc.)
*Thomas Albright Co. **(Hydraulic** Presses)
GREENFIELD—*†§Abbott Johnson R.
GREENSBURG—*†Hilland W.
*Luchte Jos. L.
GRIFFITH—*†Griffith Mfg. & Supply Co.
HAGERSTOWN — *§Teeter-Hartley Motor Co.
HAMMOND—*Betz Frank S. Co. **(Surgical** & Dental Instruments)
*†Champion Potato Machine Co. **(Potato** Machinery)
*Fitz-Hugh Luther Co. **(Railway** Equipment) (See Chicago, Ill.)
*§Hammond Brass Works
*Hammond Machine & Forge Works
*Illinois Car & Mfg. Co. **(See Chicago,** Ill.)
*Standard Steel Car Co. **(See Pittsburgh, Pa.)**
*Steel Car Forge Co. **(See Pittsburgh,** Pa.)
†United Boiler Heating & Foundry Co.
HUNTINGTON—§Huntington Steel Fdy. Co.
*†§Majestic Co.
*Orton & Steinbrenner Co. **(See Chicago,** Ill.)
INDIANA HARBOR—†American Steel Foundries (See Chicago, Ill.)
*Inland Steel Co. (See Chicago, Ill.)
*Standard Forging Co. (Rough Machine & Finished Forgings)
INDIANAPOLIS — *American Buncher Mfg. Co., Olive & Harding
†American Foundry Co.
*American High Speed Chain Co.
*American Valve & Tank Co.
*Atkins E. C. & Co. (Saws, Tools & Machinery)
B. & B. Mfg. Co. **(Foundry Moulding** Machy.)
†Byram Foundry Co.
*Brown-Manly Plow Co.
*Capital Gas Engine Co. **(Gas Engs,** etc.)
*Capital Machine Co.
*Castle Refrigerating Machine Co.
*Central Machine Works (Machinists, etc.)
*Central States Bridge Co. **(Steel Bridges, etc.), 601 Beecher**
*†Chandler & Taylor Co. (Engines, etc)
*†§Dean Bros. Steam Pump Works (Steam Pumps, Condensers, etc), 327 W 10th
*Edwin S. H. & Co. (Cement Block Machinery)
*Elec Steel Co. of Ind.
*†Enterprise Iron Works (Grey Iron Castings)
*§Fairbanks-Morse Electrical Mfg. Co.
*Federal Fdy. Co.
*Geiger & Peters (Archl. Iron Works, etc.)
*Green Thos. L. & Co. (Bakers' Machinery)
*Hall A. M. Co. (Laboratory Machinery)
*Haywood Tire & Equipment Co.
*†Hetherington & Berner (Asphalt Machinery & Foundry)
*†Home Stove Co. (Stoves & Ranges)
*Howard Michael E. **(Machinist),**
*Huetter Machine and Tool Co.
*Indiana Die Casting Co.
*Indiana Fan Co. (Blowers, Exhausters, Water Motors, Fans, etc), 40 E South
*Indiana Mfg. Co. (Straw Stackers), Merchants Bank bldg
§Indianapolis Aluminum Castings Co.
***§Indianapolis Brass Co.**
*Indianapolis Excelsior Machinery Co. (Excelsior Machinery, etc.)
*†Indianapolis Foundry Co. **(Light Grey Iron Castings)**
†Indianapolis Stove Co.
*Indianapolis Tool & Mfg. Co. **(Special Machinery, Tools & Dies)**
*Insley Mfg. Co. (Concrete Dump Buckets, Hoists, etc), 3500 St. Clair
*†Inter-State Car Co. **(Car Repair Work)**
*§Keyless Lock Co. **(Post Office Equipments, etc.)**
*§Langsenkamp-Wheeler Brass Works (Brass Founders & Finishers)
*Lees John (Special Machinery)
***LINK-BELT COMPANY** (Belmont Foundry Malleable Iron; Ewart & Dodge Plants, Chains), General Offices, Chicago, Ill. & Philadelphia, Pa. *See adv index at end of book*
Midwest Engine Co. (Air Compressors **& Diesel Oil Engines)**
†McNamara-Koster Foundry Co. (Grey Iron Castings)
Millholland Mach. Co. (Lathes), W. 23rd & Belt RR
*National Coning Machinery Co.
†National Malleable Castings Co. (See Cleveland, O.)
*†§Nordyke & Marmon Co. **(Flour Mill Machinery, etc.)**
†Over Ewald (Grey Iron Castings)
†Peerless Foundry Co. (Castings & Stove Repairs)
*Phoenix Caster Co.
*§Pioneer Brass Works **(Brass, Bronze** & Aluminum Founders, Finishers & Plumbers' Goods)
*Potter Mfg. Co. (Trench Machinery, etc.)
*†Potts C. & A. & Co. **(Clay Machy)**
*Rexroth Louis (Machinist)
*Roch Tobias
*†Rockwood Mfg. Co. **(Paper Pulleys** & Fibre Frictions)
*Russell Wind Stacker Co. **(Straw Stackers), 1001 Shelby**
*†Shirley Radiator & Foundry Co. (Radiators, etc.)
*†Sinker-Davis Co. (Engines & Saw Mill Machinery)
*Spacke Machine & Tool Co. (Motorcycle Engines, etc.)
*Standard Machine & Electric Co. (General Machinists)
§*Starr N. C. & Son Co.
*Utility Stove & Range Co. (Stoves, etc.)
*Western Machine Works
JASPER—*†Jasper Machine Works
JEFFERSONVILLE—*†American Car & Foundry Co.
*†§Anderson Geo. S. Co. **(Machine Work, etc.)**
*Bauer Machine Co.
*†Howard Shipyards Co.
*†Indiana Hollow Ware Co. **(Cast Iron** Hollow Ware, etc.)
*†Sweeney M. A. Shipyard & Foundry Co.
KENDALLVILLE—*Baker J. R. & Sons Co. (Specialties)
*†Flint & Walling Mfg. Co. (Windmills, Engines, Pumps, etc.)
*Raber & Lang Mfg. Co. (Concrete Machinery)
*†Wallace Mfg. Co.
*Wert C. S. **(Brick Machinery)**
KNIGHTSTOWN—*Oakerson Jonas
*Parish Alford Fence & Machine Co. (Fence Machines, etc.)
KOKOMO—§*Byrne Kingston & Co.
*Chandler Machine Co.
*Cole Howard & Co.
*†Fard & Donneley
*†Globe Stove & Range Co. (Stoves & Ranges)
§Haynes Stellite Co.
*§Kokomo Brass Works (Plumbers' Brass Goods)
*Kokomo Electric Co. **(Spark Coils)**
*Kokomo Fence Machine Co. (Fence Machinery)
***§Long Bros. (Automobile Accessories)**
*Riverside Machine Works
*Rockford Bit Co. **(Auger Bits)**
*Superior Machine Tool Co. (Drilling Machines)
*Walton & Macke Nail Co. (Wire Nail Machines)
LADOGA—*Hillis J. W. & Son
LAFAYETTE—*Barbee Wire & Iron Works (Bldrs. Iron Work & Castings, etc.)
*Biggs B. F. Pump Co.
*Duncan Electric Mfg. Co. (Electric Meters)
*†McGrath Robert H.
*§Motsinger Device Mfg. Co. (Auto Parts)
*Ross Gear & Tool Co. (Tools, Auto Gears)
*Ross Machine Co. (Auto Parts)
*†§Schwab Safe Co. **(Bank Vaults,** Safes, etc.)
*†Wallace Machine & Foundry Co. (Castings, Manhole Covers, etc.)
LA GRANGE—*§La Grane Machine & Repair Co. (Mach. & Garage)
LAPEL—*Wright George W. (Gas Regulators, Pumps, etc.)
LA PORTE—*Gangwer & Co.
*Great Western Mfg. Co. (Motorcycles))
†§*La Porte Fdy. & Furnace Co.
*Niles & Scott Co. (Wheels, etc.)
†§Northern Fdy. Co.
*†§Rumely Leo Tractor (Engines, Threshers, Stackers, etc.)
*United States Slicing Machine Co. **(Meat Cutters)**
LAWRENCEBURG—*†§Cook August D. (Deep Well Pumps, Well Strainers, etc)
*Ohlen Bishop Co.
LEAVENWORTH—*Jenner John H.
LEBANON—*Dairy Cream Separator Co.
*Eagan Seth S.
LOGANSPORT—*Logansport Boiler & Machine Works
*†Logansport Radiator & Equipment Co. (Radiators)
*Obenchain-Boyer Co. (Fire Extinguishers)
*†§Rutenber Electric Co. **(Gasoline** Motors, Brass & Grey Iron Castings)
LOOGOOTEE—*Moody W. Frank
MADISON—*†§Johnson Foundry & Machine Shops
*†Madison Machine Co. (Machinists)
MARION—†Atlas Foundry Co.
†*Bahr Bros. Mfg. Co.
*†Central Machine & Foundry Co.
*Chicago Glass Novelty Co.
*Emerson-Brantingham Co. (See Rockford, Ill.)
*†Harwood-Barley Mfg. Co. (Iron and Brass Bedsteads)
†Hoosier Stove Co.
*†Hulley Foundry & Machine Works
Marion Foundry Corp., Marion Natl. Bank bldg.
†Marion Grey Iron Foundry Co. (Grey Iron Castings)

INDIANA—Marion—Continued
*†§Marion Machine, Fdr. & Supply Co. (Gas & Steam Engines, Repair Works & Brass & Iron Castings)
†Marion Malleable Iron Works
†§Marion Stove Co. (Stoves)
*†§Rutenber Motor Co. (Gasoline Motors, Brass & Grey Iron Castings)
Western Drop Forge Co., P. O. Box 386.
MICHIGAN CITY—†Bies J.
*†§Haskell & Barker Car Co. (Car Bldrs., Brass, Steel, Grey & Malleable Iron Castings)
MILROY—*Hills F. O.
MISHAWAKA—§American Casting Co.
§Clark Geo. C. Metal Last Co.
†§*Dodge Sales & Engng. Co.
*Mishawaka Machine Co.
*†Perkins Windmill Co. (Gasoline Engines, Pumps, Jacks, etc.)
*†Premier Bed Co.
MONTEZUMA—*Montezuma Machine Wks
MONTPELIER—†§*Montpelier Mfg. Co.
*†§National Steel Casting Co. (Steel Castings, Car Couplers, etc)
MOORESVILLE—†*Ind. Brass & Iron Bed Co.
MOUNT VERNON—*†§Keck-Gonnermann Co. (Iron Fdrs., Threshers, etc.)
MUNCIE—*†§American Lawn Mower Co.
*Carpenter G. Albert
§Del. Brass & Aluminum Co.
†§Eagle Foundry Co. (Castings)
*Kemp Machine Works (Aeroplane Motors)
*Kitselman Bros. (Fence Machines, etc.)
†§Machinists' Foundry Co. (Castings)
*Moon Machine Co., Muncie, Ind.
*†Muncie Fdy. & Machine Co. (Castings, etc.)
*Muncie Gear Works
Muncie Malleable Castings Co. Steel & Malleable Iron Castings, etc.)
*Muncie Oil Engine Co. (Oil Engines)
†§Union Iron & Brass Foundry
*Warner Electric Co. (Electric Specialties)
*Warner Gear Co. (Gears, etc. automobile)
†Whiteley Steel Co. (Steel Castings)
NAPOLEON—*Schlueter Stephen
NARSAW—†Dalton Fdy.
NEW ALBANY—*Anchor Stove & Range Co. (Stoves, etc.)
*†Gardner S. J. Fdry. & Machine Co.
*Goetz Coleman Mfg. Co. (Gasoline Engines, etc.)
†§Gohmann Bros. & Kahler Co. (Stoves)
*†§Hegewald Chas. Co.
§Millheiser E. L.
†Milligan Madison Co.
*†New Albany Machine Mfg. Co. (Stone Working Machinery)
NEW CASTLE—*†§Allen Pitless Scale Co.
*Indiana Rolling Mill Co. (Machine Shop for Use of the Company)
*National Spring Co.
†New Castle Foundry Co. (Iron Fdrs., Grey Iron Castings)
*New Castle Machine Works
*Pan-American Bridge Co. (Bridge & Structural Steel Works, etc.)
*Shopp W. A. & Co. (Pump Governors)
NEW HARMONY—*Tretheway W. O.
NEW MOUNT PLEASANT—*Steed Bros.
NOBLESVILLE—*Hare J. H.
*†Union Sanitary Mfg. Co. (Cast Iron Enameled Sanitary Ware)
NORTH MANCHESTER—†Manchester Mfg. Co. (Boiler Cleaners)
†§*Miller Jesse E.
†North Manchester Fdy. Co.
NORTH VERNON—*†§Hicks Harry (Machinist & Fdry.)
OSGOOD—*†§King H. P. Foundry & Machine Works
PERRYSVILLE—†*Perrysville Stove Wks.
PERU—*Peru Auto Parts Mfg. Co. (Engines, etc)
*†§Spaulding Brass & Iron Foundry
PETERSBURG—*Warner E. T.
PLYMOUTH—*Clizbe Bros. Mfg. Co. (Tool Grinders, etc.)
*Keller & Jeffirs (Machinists)
†*Portland Forge & Fdy. Co.
RED KEY—*Fiers W. T. (Pumps, etc.)
RICHMOND—*Advance Co., 542 N 14th
*†American Seeding Machine Co. (Agrl. Implts.) (Hoosier Branch.) (See Springfield, O.)
†Am. Fdy. Co.
*Dille & McGuire Mfg. Co. (Lawn Mowers)
*Draver E. R. (Special Machy., etc)
*Eagle Machine Works
*Elliott & Reid Co. (Fence Machines, etc.)
*Eureka Fence Mfg. Co.
*Evans John A. Co. (Ventilating Apparatus, etc.)
*F & N Lawn Mower Co. (Lawn Mowers)
*Hayes Track Appliance Co. (Derailers, etc.)
*Jones J. E.
*Mariatt Samuel (Machinist)
*National Automatic Tool Co. (Multi Drilling & Tapping Machy, etc)
*†Reliance Foundry Co. (Auto Castings)
†Richmond Malleable Castings Co.
*Richmond Safety Gate Co. (Safety Gates, etc.)
*Richmond Standard Mfg. Co. (Air Compressors, Patterns & Gasoline Engines)
Richmond Water Softener Co.
§Riverside Brass Works
*†§Rumely M. Co. (Engines, Threshers, etc)
*†Swayne, Robinson & Co. (Threshers, Baling Presses)
*†§Wayne Works (Agrl. Implts., Grey Iron Castings, etc.)
ROCKPORT—*†Pfeifer John C. (Fdry & Mach)
ROYAL CENTER—*Ford William B. (Machinists & Garage)
RUSHVILLE—*†Arbuckle & Co. (Clay Working Mach'y.)
*Francis Chas. E. Co. (Woodworking Mach'y.)
*Madden Bros. Co.
SALEM—*Bellows Bros.
SARATOGA—*†§Harshman John F. & Sons
SEYMOUR—*§Buhner Rudolph F
SHELBYVILLE—*†Shelby Gas Engine Co.
SOUTH BEND—*†Birdsell Mfg. Co. (Clover Hullers, Straw Stackers, Wagons, etc.)
Bowsher N. P. Co.
*Campbell Wire Specialty Works
*Collmer Bros. (Cycle & Auto Parts)
*Crescent Machine Works
*†Cutter Geo. Co. (Electrical Specialties & Trolley Line Materials)
†Engman-Matthews Range Co. (Stoves & Ranges)
§Fulton Harwood Brass Foundry Co. (Brass & Aluminum Castings)
*Haberle J B. (Special Machy., etc.)
*Iwan Bros.
*Long Distance Telephone Mfg. Co. (Telephones)
†Malleable Steel Range Mfg. Co. (Steel Ranges, etc.)
*Maurer Wm. & Co. (Steam Specialties, etc.)
*†Motor Castings Co. (Grey Iron Castings, etc)
*†Oliver Chilled Plow Works (Plows, etc.)
§*Peerless Brass Fdy. & Mach. Co.
Quick Action Ignition Co. (Electrical Machy. & Specialties)
*Schafer F. & Son (Machinery & Tools)
*†Sibley Machine Co., 70 Full. (Mach. Tools, Power Drills, etc.
†Sibley Stove Co.
†Singer Mfg. Co.
*†§South Bend Chilled Plow Co. (Plows, etc.)
*†South Bend Foundry Co. (Grey Iron Castings, Street & Building Castings, etc.)
*South Bend Watch Co. (Watches, etc.)
*Starr C. M. Mfg. Co. (Carriages & Machinists)
*†§Studebaker Corp. (Wagons, Carts, etc)
*Union Electric Mfg. Co. (Electrical Repairs)
TELL CITY—*†§Tell City Foundry & Machine Works
TERRE HAUTE—*Bealek Wm.
*Buettner-Shelburne Machine Co. (Repair Parts for Coal Mining Machines, etc) (See St. Louis, Mo.)
*†Eagle Iron Works Co.
†Gartland Foundry Co. (Grey Iron Castings, etc.)
*Hazledine E T. Co. (Machinist)
†Inland Malleable Iron & Steel Co. (Steel & Malleable Iron Castings)
*Johnson Bros. Motor Co.
*Kester Electric Co. (Electric Motors)
*Pettyjohn Co. (Artificial Stone Machines)
†§Pittsburgh, Cincinnati, Chicago & St. Louis R. R. Shops
*†§Prox Frank Co. (Coal Mining Machy., etc.)
†Springer-Whitaker Foundry Co.
*Standard Wheel Co. (Bicycles)
§Terre Haute Bronze & Brass Fdry.
*Terre Haute Machine Works
†Terre Haute Malleable & Mfg. Co.
*†§United States Scale Factory
*Wabash Mfg. Co.
UNION CITY—*Backstay Mach. & Leather Co. (Machinists)
*Union City Wheel Co.
UPLAND—*Wise R. S.
URBANA—*Speicher D. E. (Seed Sowers, etc.)
VANBUREN—*Haynes Machine Co.
*Mills Machine Co.
VEEDERSBURG—*Veedersburg Machine Works
VERNON—*Reed & Rogers Mfg. Co. (Harrows & Rakes, etc.)
VINCENNES—*†§Central Foundry Co. (See New York)
*Hartman Mfg. Co. (Agrl. Implts., Cultivators, etc.)
*Mahoney R. R. Ditching Machine Co. (R. R. Ditching Machines)
*National Rolling Mill Co.
*†§Vincennes Foundry & Machine Co.
*Williams Henry M.
WABASH—*Diehl G. M. Machine Works
*Service Motor Truck Co. (Motor Trucks)
*†§Wabash Foundry Co.
WAKARUSA—*†Gall James E.
WARREN—Arnold Daniel (Jobbing)
WARSAW—*†Maish Mfg. Co. (Iron Castings, etc.)
*†§Wentz O. W.
WASHINGTON—*Clore Wm. H. Mfg. Co. (Cultivators, Harrows, Plows, etc.)
*†§Denver Frank
WINCHESTER—*Winchester Machine Works
WOLCOTTVILLE—*†§Morel Bros.

IOWA.

AKRON—*Hilliker C. M. & Son
AMES—*Loughran Machine Co. (Agricultural Implements)
AURELIA—*Mummert Jonas S.
AVOCA—*†Jacobs Bros.
BELLE PLAINE—*†§Palmer Bros.
BELLEVUE—*Brandt J. M. (Gasoline Engines)
BETTENDORF—*†Bettendorf Co. (Basic Open Hearth)
†Zimmerman Steel Co. (Stump Pullers, Wagon Scales & Steel Castings)
BOONE—*†Quinn Wire & Iron Works (Castings & Cement Mach'y, etc.)
*†§Sampel J. F.
BURLINGTON—*Mississippi Pearl Button Co.
*Mohland & Co. (Grubbing Machines)
*†§Murray Iron Works Co. (Corliss Engines, Ice & Refrigerating Machinery, etc.)
CARROLL—*Heider Mfg. Co. (Equalizers, etc.)
CEDAR RAPIDS—*†Cedar Rapids Foundry & Mach. Co. (Grey Iron Castings, etc.)
*†§Cedar Rapids Pump Co. (Iron Pumps, etc.)
*†§Chandler Pump Co. (Iron Pumps, etc.)
*§Dearborn Brass Co. (Brass Founders' & Finishers' Plumbing Goods, etc.)
*Denning Tractor Co. (Traction Engines, etc.)
*Fawcett C. E. (Machinists)
*†§Iowa Steel & Iron Works (Castings & Structural Wk.)
*Iowa Wind Mill & Pump Co.
*Rabus & Toeller (Machinists)
*†Stary Frank & Sons (Small)
*Steel Basket Co.
*Tokheim John J. Co. (Oil Pumps, etc.)
*Universal Crusher Co. (Rock & Ore Crushers)
*White T. G.
CENTERVILLE—*Hercules Mfg. Co.
CHARLES CITY—*†Am Tractor & Fdry Co. (Oil Engines & Farm Tractors)
*†§Hart-Parr Co. (Traction Engines)
*†§Moss, W. E.
CHEROKEE—*†§Caswell Mfg. Co. (Belt Guides, etc.)
*†Cherokee Mfg. Co.
CLARINDA—*Clarinda Lawn Mower Co. (Lawn Mowers)
*†Lisle Mfg. Co. (Well Drilling Machinery)
CLINTON—*Clinton Bridge Works
†§*Clinton Lock Co.
*Collis Co.
*†Iowa Machine Works
COUNCIL BLUFFS—*Clark Implement Co. (Agri. Implts.)
*†Incandescent Light Mfg. Co. (Machinists)
*†§Kimball Bros. Co. (Passenger & Freight Elevators, etc.)
*Machine Mfg. & Engineering Co.
*†Sprague Foundry & Mfg. Co. (Castings, Hot Air Furnaces, etc.)
*†§Walker Mfg. Co. (Agrl. Implts., etc.)
DAVENPORT—*Brammer H F Mfg. Co. (Washing Machines)
*†§Davenport Locomotive Works (Light Locomotives, etc.)
*†§Davenport Machine & Foundry Co. (Grey Iron & Brass Castings & Special Heavy Machinery, etc.)
*Davenport Mfg. Co. (Paper Balers)
*†§Frank H. J. Foundry & Machine Co.
*†French & Hecht (Metal Wheels & Castings)
*Krone Charles (Jobbing)
*Linograph Co. (Typesetting Machines)
*Midland Supply Co.
*Neumann H. W. Machine Co.
*Newcomb Loom Co. (Carpet Looms)
*†Red Jacket Mfg. Co. (Pumps & Grey Iron Castings)
*Schmidt, B. L. Co. (Gasoline Engines & Ice Chipping Machines, etc.)
Voss Bros. Mfg. Co. (Washing Machines)
*Walther-Vogeler Gas Machine Co. (Gas Machines)
*White Lily Mfg. Co. (Washing Machines)
*Woodall Mfg. Co.
DECORAH—*Johnson Peter & Sons (Machinists)
DES MOINES—*†American Iron Works
*†§Beckman Bros. (Pumps, Windmills, Scales, etc.)
*†§Dempster Mfg. & Supply Co. (Pumps, Windmills, etc.)
*†Des Moines Stove Repair Co.
*Dodd & Struthers
*†Eagle Iron Works (Mining & Brick Machinery, etc.)

*†Gibbons Machine & Foundry Co. (Gas Engines, Grey Iron Castings, etc.)
*Globe Machinery & Supply Co.
Green Fdy. & Furnace Wks.
*Iowa Machinery & Supply Co.
†*Keith Furnace Co.
*†McDonnell Boiler & Iron Works
*New Monarch Machine & Stamping Co.
*Stutsman R. O. Co. (Brass & Composition Foundry)
*†Wood Bros. Thresher Co. (Agrl. Implements, etc.)

DUBUQUE — *†§Adams Co. (Machine Tools, Founders, etc.)
*Cooper A. A. Wagon & Buggy Co. (Plows, Cultivators, etc.)
*Dubuque Boat & Boiler Works (Ship Builders, etc.)
*Ernsdorff John Iron Co.
*Ferguson Mfg. Co. (Pumps)
§*Kretschmer Mfg. Co.
*†§Loetscher-Ryan Mfg. Co. (Hardware Specialties)
*Ragatz & Son (Machinists)
*§Schmid Mfg. Co.
*†§Smedley Pump Co. (Steam Pumps, etc.)
*Voggenthaler E. J. Co.

ELDORA—*†§Brown Bros. Foundry & Machine Co.
ELKADER—†Allen Bros.
FAIRFIELD—*†Louden Machinery Co. (Haying Tools, etc.)
†Iowa Malleable Iron Co.
*Pence W. H.

FORT DODGE—*†§Iowa Foundry & Mfg. Co. (Gasoline Engines)
†§*Fort Dodge Fdy. Co.
*Monarch Telephone Mfg. Co. (Telephones, etc.)
*Sargent Tile Ditcher Co.

FORT MADISON—§*Acme Chandelier & Mfg. Co.
*American Fork & Hoe Co.

HARLAN—*†Deen Loom Co.
*†§Nelson Gas Engine & Auto Co.

IOWA CITY—Tuloss I. E. (Foundry)

IOWA FALLS—*Gade Bros. Mfg. Co. (Gasoline Engines)

KELLOGG—*Gould Balance Valve Co. (Valve Mfrs.)

KEOKUK—*American Cement Machine Co. (Concrete Machinery, etc.)
*†Amer. Stove & Range Co. (Stoves)
*Decker Mfg. Co. (Hog Rings, Curry Combs, etc.)
Industrial Supply Co. (Machine, Mill Supplies, Factory Appliances Manufrs. Agents)
*†§Kollmyer & Talbot (Machinists & Fdrs.)
†§*Peckstein Iron Wks.
†Reese W. J. Brass Fndry. Co. (Brass Bronze and Aluminum)
*Thomas Machine Co.
*Weber & Kirch Mfg. Co. (Cream Separators)

LAKE MILLS—*Gering Bros.

LEMARS—*†§Pech Gus Foundry & Mfg. Co. (Well Drilling Machinery, etc.)

MARSHALLTOWN — *Brauer Acetylene Lighting Co.
*†Central Foundry Co.
*Dunham C. A. Co (Steam Traps)
*Fisher Governor Co. (Pump Governors, etc.)
*†Lennox Furnace Co. (Stoves, Ranges & Heaters)
*†§Lennox Machine Co. (Water Tapping Machines & Gasoline Engines, etc.) (See Chicago, Ill.)
*Light Draft Harrow Co.

MASON CITY—*Beecher Walter A. (Machinist)
*†§Vulcan Iron Works Co. (Tenon & Boring Machines, Power Hammers, etc.)

MECHANICSVILLE—*Davisson O. J.
MONTICELLO—*†Page Frank W.
MONTOUR—*Downs W. A.

MUSCATINE—*†Barry Co. (Button Machinery)
*†Giesler & Co. (Malleable Iron Wagon Brakes, etc.)
*Heitz Louis R. (Button Mach'y, etc.)
†Niver Iron Works Co. (Grey Iron Castings, Building Fronts, Machine Castings, etc.)
*Stohr & Freund
*Vance & Baker Mfg. Co. (Canning Machinery, etc.)

MYSTIC—*Ford Geo.

NEWTON—*Automatic Electric Washer Co. (Washing Machines)
*†§Maytag Co. (Agricultural Implts., etc.)
*One Minute Mfg. Co. (Gas & Gasoline Engines, Pumping Jacks, etc.)
*†§Parsons Co. (Trench Excavating Machy., Steel & Iron Castings, etc)
*†Skow Mfg. Co.

NORTHWOOD—*†Nelson Henry
ODEBOLT—*Kistler & Steppstedt
OELWEIN—*Potter V. W.

OSKALOOSA—*†§Iowa Valve Co. (Valves, Hydrants, etc.)
*†Seevers Mfg. Co. (Heaters, etc.)

OTTUMWA—*American Mining Tool Co. (Mining Tools, etc.)
*†§Dain Mfg. Co. (Hay Loader, Haying Tools, etc.)
*Hardsocg Mfg. Co. (Coal Drills, etc.)
*Hardsocg Wonder Drill Co. (Rock Drills, etc.)
*Johnston & Sharp Mfg. Co. (Ball Bearing Sash Pulleys, etc)
*†§McCarroll Bros. (Stoves, etc)
*Nicholls Mfg. Co. (Carpenters' Squares, etc.)
*†§Ottumwa Box Car Loader Co. (Car Loaders, Mine Cars, etc.)
*†Ottumwa Iron Works (Mining Machinery)

PELLA—*†Buerkens Mfg. Co. (Wagons, etc.)
*†Garden City Feeder Co. (Hay Stackers, etc.)

PERRY—†*At Last Washer Co.

PRAIRIE CITY—*†§Dowden Mfg. Co. Ltd. (Potato Harvesting Machy.)
*Jenks & Son (Gas Generators, etc.)

RED OAK—*†§Kerrihard Co. (Power Hammers, etc.)
*Red Oak Bridge & Iron Works

ROCKFORD—*Ayers C. E.

ROCK RAPIDS—*Anchor Concrete Stone Co. (Cement Block Machy.)

SAC CITY—*†Martin Co.
SHENANDOAH—*†Smith Benjamin

SIOUX CITY—*Central Machine Works & Auto Co.
*†§Iowa Foundry Co.
†New Foundry & Mfg. Co.
*†Novelty Mfg. Co.
*Steam Tractor Auto & Mfg. Co.

WATERLOO—*Armstrong Mfg. Co. (Well Drilling Machy., Forging of all Kinds, Gasoline Engines, etc)
*†Associated Mfrs. Co. (Gasoline Engines, Concrete Mixers, etc.)
*†Black Hawk Mfg. Co.
*†Bovee Furnace Works
*Chamberlain Machine Works
*Ferguson Mfg. Co. (Well Drilling Machinery)
†Gibson David
†Goodman W. A.
†Hawkeye Foundry Co.
†Headford Bros. & Hitchins Foundry Co.
§Iowa Brass Foundry
*Iowa Gasoline Engine Co. (Gasoline Engines)
*Iowa Spreader & Engine Co. (Manure Spreader)
*†Litchfield Mfg. Co. (Farm Machinery)
*†Stewart Mfg. Co. (Contrete Machy)
§Superior Brass Fdy.
*†Swift Mfg. Co. (Feed Grinders, etc.)
§Waterloo Brass Foundry
*Waterloo Cement Machinery Corp. (Hoisting Engines, etc.)
†Waterloo Foundry Co.
†§Waterloo Gasoline Engine Co. (Gasoline Engines, etc.)
*†§Waterloo Register Co. (Registers, etc)
†Zeising & Son

WAUKON—*†Johnson J. S. & Son

WEBSTER CITY—*Brown Spring Ice Skate Co. (Ice Skates)
*Closz Chas. Co. (Grain Separators, etc)

WHAT CHEER—*What Cheer Tool Co. (Miners' Tools, etc.)

KANSAS.

ABILENE—* Brown O. W.
*Toliver L. H.

ARKANSAS CITY—*†§Beard Foundry & Machine Works, Dept. H
†§*Kirkwood Wind Engine Co.

ATCHISON—*Bailor Plow Mfg. Co. (Agrl. Implts.)
†Cooper Foundry, Dept. H.
*Locomotive Finished Material Co. (Rough & Finished Locomotive Castings)
*†Thayer Foundry Co. (Grey Iron Castings, etc.)

AUGUSTA—*C. L. C. Novelty and Furniture Corp.

BELLE PLAINE—*Owens J. A.
BURLINGTON—*Electric Appliance Co.

CHEROKEE—*Webster Frank L. & Son

CHERRYVALE—*†§Cherryvale Iron Wks. Co.

EL DORADO—*Gaylord Sanitary Mfg. Co.

EMPORIA—*†§Jones' Jos. C. Sons

ENTERPRISE—*†§Ehrsam J. B. & Sons Mfg. Co. (Flouring Mills, Cement and Plaster Mill Machinery, etc.)

FORT SCOTT—†Anderson R. K.
†§*Eller Chas.

FREDONIA—*§Belt P. P.

GALENA—*†§Galena Foundry & Machine Co. (Mining Machinery, Grey Iron Castings, etc.)
*†Rauch Manfg Co. (Mining Machy.)
*Stone & Pinson

GALESBURG—*Shaw Mfg. Co. (Motorcycles)

GIRARD—†Hitz C. Foundry Co.

HIAWATHA—*†§Cash W. F. & Co.

HUTCHINSON—*Hutchinson Foundry & Machine Works
*Nelson Mfg. & Supply Co.

INDEPENDENCE—*Bovaird Supply Co. (Oil Well Supplies)
*†Independence Iron Works Co.
*National Supply Co (Oil Well Supplies)
*†§United Iron Works Co. (See Kansas City, Mo.)

IOLA—*†§United Iron Works Co. (See Kansas City, Mo.)

KANSAS CITY—*†§Anderson Coupling & Fire Supply Co. (Fire Dept. Supplies)
*Badger Gas & Gasoline Engine Co. (Gas & Gasoline Engines)
*†Griffin Wheel Co. (See Chicago, Ill.)
†Kansas City Foundry Co. (Iron Fdrs.)
*Missouri Boiler Works Co. (Repairs)
*Parker Machine & Fan Works
*†Strait H. N. Mfg. Co. (Corliss Engines, Cooperage Machinery, etc.)
*Strait Scale Co.
†West Side Foundry Co. (Iron Fdrs.)

LAWRENCE—*†§Lawrence Iron Works

LEAVENWORTH—*†§Fisher Machine Works Co. (Ice & Refrigerating Machinery, etc.)
*†Great Western Mfg. Co. (Grain Elevator & Flour Mill Machy., etc.)
*Missouri Valley Bridge & Iron Co.

MANHATTAN—*†§Blue Valley Mfg. Co. (Agl. Implts.)

NEWTON—Nellan G. M.
*Prairie Queen Mfg. Co. (Grain Separators, etc.)

NORTON—*†§Norton Mfg. Co.

OBERLIN—*Bradley Perry

OTTAWA—*Union Foundry & Machine Co. (Gasoline Engines)

PAOLA—*†U. S. Radiator Corp. (See Detroit, Mich.)

PARSONS—*†Smith Millard F.

PITTSBURG—*†§United Iron Works Co. (See Kansas City, Mo.)

SALINA—*Kouns Wesley (Agrl. Implts.)
*†§Wyatt F. Mfg. Co. (Agricultural Implements, etc.)
*Ziegler W. F. (Corn Harvesters, etc.)

SENECA—*†Butler & Son

TOPEKA—*†Capital Iron Works Co.
*†Currie Windmill Co
§Magnus Metal Co. Inc.
*Perine Bros. Iron Works
*Perine Plow Works (Plows, etc.)
*Semprez John
Topeka Bridge & Iron Co.
*†§Topeka Foundry & Iron Works. (Potato Diggers)
*†§Western Foundry & Machine Works (Iron & Brass Founders & Machinists)

WAKEENEY—*Spena John W.

WICHITA—*Brooks Machine Co.
*Christopher Geo. C. & Son
*Reschke Machine Works Co (Agricultural Implements, etc.)
†§*Schermuly Mfg. Co.
†Sharon W. J.
†*Sibbitt Foundry & Iron Works
*†§Western Iron & Foundry Co.
†*Wichita Foundry Co.

WILSON—*†Wolfe W. S.

WOODSTON—*McNutt Hubert C

KENTUCKY.

ASHLAND—*†§Ashland Foundry & Machine Works
*†§Ashland Iron & Mining Co. (Grey Iron Castings & Machine Shop)
†*Ashland Steel Co.
*†§Norton Iron Works

AUGUSTA — * † Augusta Stove Foundry
*Margraff Mfg. Co. (Machinery)

BOWLING GREEN—*†§Bowling Green Machine Co.
§*Park City Mach. & Supply Co.

CANE VALLEY—†Dudgeon Co. (Stoves, Ovens, etc.)

CLOVERPORT—*Cloverport Boat & Mfg. Co.

COVINGTON—*Anthe Machine Works
Avey Drilling Machine Co.
*Barker Wm. & Co. (Machine Tools)
*Covington Archl. Iron Works
†Germania Supply & Foundry Co.
*Hollingworth Machine Tool Co. (Machine Tools, etc.)
*†Houston, Stanwood & Gamble Co. (Steam Engines)
Insurance Foundry Co. (All Kinds of Light & Heavy Machine Castings)
*§Michael's Art Bronze Co.
*Reliable Safe & Lock Co., Inc.
*Sebastian Lathe Co. (Machine Tools)
†Star Foundry Co. (Stoves and General Iron Founders)
*†Willard Middletown Machine Co. (Power Presses, etc.)

EARLINGTON—Earlington Machine Wks.

FRANKLIN—*Enterprise Machine & Garage Co.

FULTON—*†§Webb C. E.

HAZARD—*Hazard Motor Co.

HOPKINSVILLE — *†Forbes Mfg. Co. (Agrl. Implts., Hdw., etc.)

LEXINGTON—*§American Metallic Packing Co. (Metallic Packings, Brass Castings and General Machinists)
*†§Lexington Engine & Boiler Works
*Timmins Walters Machine Co.

LOUISVILLE — *†American Elevator & Machine Co. (Elevators, etc.)
*American Iron Works
*†§Avery B. F. & Sons (Agrl. Implts.)
†Balke & Co.
§*Beecher Fowler Mfg. Co.
*†§Bridgeport Co. (Stoves)
*†Brinly Hardy Co. (Agrl. Implts., Plows, etc.)
*†§Caldwell W. E. Co. (Machinery & Founders)
*Clark Jas., Jr., Electric Co. (Machine Tools, Dynamos, Motors)
†Columbia Sanitary Mfg. Co.
*Cook C. Lee Mfg. Co.
†Dow Wire & Iron Works Co. (Conveying Machinery, Castings, etc.)
*†Drummond Mfg. Co. (Grey Iron Castings, etc.)
†Ewald Iron Co.
*§Falls & Withers
†Fischer-Leaf Co.
*Franke F. & Co.

KENTUCKY—Louisville—continued
†§Graf-Webb Iron Mfg. Co. (Stoves,
*†Grainger & Co.
*§Hillen Mfg. Co.
§Independent Brass Fdry.
*Kentucky Saw Works (Machinists)
†Kentucky Stove Co. (Stoves)
*†Kentucky Wagon Mfg. Co.
*Knopel-Kappa Co.
*Laib Co.
†Louisville Bridge & Iron Co.
†Louisville Car Wheel & Railway Supply Co. (Car Wheels, etc.)
*†Louisville Drying Machine Co. (Drying Machinery)
*†Louisville Tin & Stove Co.
†Martin H. H. Mfg. Co.
*Model Generator Co., 1717-23 Magazine
*§Moran Flexible Steam Joint Co. (All Metal Flexible, also for Steam or Liquid)
*†§National Foundry & Machine Co. (Steam Pumps, etc.)
†O K Stove & Range Co. (Stoves)
*†§Peerless Mfg. Co. (Iron & Brass Founders, Grates & Iron & Brass Goods)
*Pyne Co.
*Reilly Steam Pump Works (Pumping Machinery)
*Sheppard Mfg. Co. (Jobbing)
*†Snead Archl. Iron Works (Builders' Castings & Iron Work)
*Southern Elevator Co
*†§Standard Sanitary Mfg. Co. (See Pittsburg, Pa.)
*§Stege Brass & Plating Wks. (Finishers & Platers)
†§Stiglitz Chas. G. & Sons (Iron Fdrs)
§Vendome Copper & Brass Works
Vogt Brothers Mfg. Co.
*†Vogt Henry Machine Co. Inc. (Ice & Refrigerating Machy, etc)
Voigt Bros. Mfg. Co. Inc.
LUDLOW—§Carran R. B. & Sons Co.
McHENRY—*†McHenry Mfg. & Mchy. Co.
MAYSVILLE—*†Hall Jas. H. Plow Co. (Plows, etc.)
*Ohio Valley Pulley Works
*Thompson & McAtee (Agric Implts)
MIDDLESBORO—†§*Hoe J. R. & Sons
NEWPORT—*Crawley Book Mchy. Co. (Bookbinders' Machy., etc.)
*Fletcher Mfg Co. (Motor Washing Machines)
†Newport Fdry. Co.
OWENSBORO—*Anglo-American Mills Co. (Flour Mill Machinery)
*Kentucky Electrical Co (Dynamo & Motors)
*Owensboro Shovel & Tool Co.
*†§Southern Foundry Co. (Castings & Bldrs., Iron Work, etc.)
†§*Wright Mach. Co.
PADUCAH—*†§Jackson Foundry & Machine Co.
*Lack Manfg. Co. (Aluminum)
*†§Shelton Bros. (Iron Fdry. & Machinists)
*Southern Textile Machy Co.
SHREVEPORT—†§*Oil City Iron Wks.
WINCHESTER—*Conway J. P.
*Hagan Gas Engine Mfg. Co. (Gas Engines, etc)
†*Love Fdy & Mach. Co.

LOUISIANA.

ABBEVILLE—*Ritter J. F.
ALEXANDRIA—*†Alexandria Iron Works
*Murphy John H.
*†§Ruston Foundry & Machine Shop
AMITE CITY—*†§Gullett Gin Co. (Cotton Gins)
ARCADIA—*Goff T. J.
BATON ROUGE—*Hogue S. D. & Son
†*Pearce Foundry & Machine Works.
BELCHER—*Mehlin Frank
BERWICK—*†§Watkins Machine Works
CROWLEY—*†Acadia Iron Works (Ltd.)
*†Crowley Iron & Machinery Co.
DONALDSONVILLE—*†§Allen F. H.
EVANGELINE—*Evangeline Iron Works, Ltd.
FRANKLIN—†Le Blanc C. J.
GUEYDAN—*Booze G. W.
*Farmers' Machine Shop (Repair Work, etc.)
HOUMA—*Bergeron H. J.
JEANERETTE—*†§Moresi Antoine Co., Ltd.
JENNINGS—*Eaton Harry H.
*Getty F. I. (Well Screens, Iron Work, etc.)
LAKE CHARLES—*Michael James
*†§Reiser Machine Shop (Ltd.), (Fdry. & Machinist)
LECOMPTE—*Wiley E. W. Jr.
LEESVILLE—*†Leesville Iron Works
MANSFIELD—*†§De Soto Foundry & Machine Co. (Ltd.)
MERRYVILLE—American Lumber Co.
MINDEN—*Webb Press Co. (Ltd.)
MONROE—*†§Sanders J. G. Iron Works
*†§Weaks Supply Co. (Iron & Brass Foundry & Machinists)
MORGAN CITY—*†Johnston & Hamilton
NEW IBERIA—*Bernard A. M
*†§Simon Geo. (Est of)
NEW ORLEANS—*Boland Machine & Mfg. Co. (Sugar Machinery), 1006 Tchoupitoulas
*†Crescent Bed Co., Ltd. (Bedstead Mfs), 2662 Gravier
*†§Dibert, Bancroft & Ross Co., Ltd. (Sugar Mill Machinery, Engines, Steel, Iron & Brass Castings, etc.), Tulane & Hagan av
*Hinderer's Iron Works (Arch'l Iron, etc.), 118 Camp
*§Johnson Iron Works (Ltd.), Morgan & Sequin
*†§Joubert & Goslin Machine & Foundry Co., Howard & Euphrosine
†Killeen's Foundry & Iron Wks.
*§Koretke F. H. Brass Mfg. Co. (Brass Fdrs. & Finishers), 922 Magazine
*Lockett A. M. & Co., Ltd., 533 Baronne
*Louisiana Scale Co. (Scales)
*McDonald Jno. S.
*Menge Pump & Machy. Co., 862H Tchoupitoulas
*†§Murphy Jno. H. Iron Works (Sugar Machinery & Castings), 643 Magazine
New Orleans Dry Dock & Ship Building Co., H. Whitney bldg.
*New Orleans Machine Works, 509 Conti
*†Orleans Metal Bed Co. (Iron Bedsteads), 1518 City Park
*†Shakespeare Iron Works, 913 Girod
*†§Southern Machine Works, 835 Tchoupitoulas
*†§Southern Pacific Ry. Shops
Stern Foundry & Machy. Co. (General Marine Repairs), 1630H Annunciation
*Sulpice L. F.
†Sutton J. P.
*†Sutton's Fdry. & Structural Steel Wks
*†Swoop Julian M., 913 Girod
Von Phul Gilbert D. (Cane Sugar Construction), Hibernia Bank bldg.
*†§Whitney Iron Works Co. (Fdrs. & Machinists, Sugar Machy, etc.), 849 Tchoupitoulas
Woodward Wight & Co., Ltd., Constance and Howard
PLAQUEMINE—*†§Nadler Henry
RAYNE—*Stamm, Scheele Mfg. Co. (Ltd.)
SHREVEPORT—*†§Henderson, W. K. Iron Works & Supply Co. (Saw Mill Mach'y, Castings, etc.)
*Victoria Safe & Lock Co. (Safes)
*†White Benj S, Machine Shop & Foundry
THIBODAUX—*†Jeffries Wm.
†§*Thibodeaux Fdy.
*†§Keefe Lawrence, Estate
WASHINGTON—*McNicholl John
WELSH—*Armstrong Mach. & Well Wks. Co. (Ltd.)
*Van Ness M. B.

MAINE.

AUBURN—Androscoggin Foundry Co., (Grey Iron Founders)
*Crawshaw J. M.
*Ray Wm. A., Jr.
AUGUSTA—*Fifield Bros. Co. (Gasoline Engines, etc.)
*Gay Geo. E. (Machinist & Engineer)
*Skehan W. J. & Co.
BANGOR—†Noyes & Nutter Mfg. Co. (Stores & Castings)
*†§Penobscot Machinery Co.
*Schwartz's M. Sons
*†§Union Iron Works (Iron & Brass Fdrs. & Paper & Pulp Mill & Wood Working, etc.)
†Wood & Bishop Co. (Stoves, etc.)
BATH—*§Bath Iron Works, Ltd. (Ship Builders & Marine Engines & Brass Fdrs.)
*†§Hyde Windlass Co. (Windlasses, etc.)
*Texas Steamship Co.
*†§Torrey Roller Bushing Works (Roller Bearing Bushings, Iron & Brass Castings)
*§Watson, Frye Co., Ltd. (Pulp Mill Castings, Plug Cock & Valves)
BETHEL—*Herrick Bros.
BIDDEFORD—*†§Saco-Lowell Shops (Cotton Machinery) (See Newton, Upper Falls, Mass.)
BOOTHBAY HARBOR—*Thurston H. T. Co.
BRIDGTON—*†§Bridgton Machine & Lumber Co.
*Halkett J. H. (Machinist)
BRUNSWICK—*Brunswick Mfg. Co. (Ferrules, etc.)
BUCKFIELD—*Damon Arlington (Machinist)
CALAIS—*Elliott Machine Co.
CAMDEN—*†Camden Anchor-Rockland Machine Co. (Anchors & Gasoline Engines)
*†§Knowlton Bros. (Brass & Iron Fdrs. & Machinists)
CHERRYFIELD—†*Wakefield E. C.
DEXTER—*†§Fay & Scott (Machine Tools & Iron & Brass Fdrs.)
EAST BOOTHBAY—§†Rice Frank L. Motor Co. (Motors, etc.)
EAST WATERFORD—*Haskell J. B.
ELLSWORTH—*†§Ellsworth Fdry. & Machine Works
GARDINER—*†§Hodgkins J. F. Co. (Journal Bearings, Brasses, etc.)
HALLOWELL—*†§Fuller's Geo. Sons (Brass & Iron Castings, etc.)
*North Wayne Tool Co. (Scythes, Axes & Tools, etc.)
HARRISON—*†Ricker T. H. & Sons Co. (Wood Working Mchnry.)
HOLLIS CENTER—*Colclough C. A. (Machinist)
HOULTON—*Cates H. M. & Son
*†Houlton Fdry. & Machine Co (Fdrs. & Machinists)
LEWISTON—*Harvey Geo. E.
LIVERMORE FALLS—*Allen Albert (Machinist)
*†§Record Fdry. & Machine Co.
MECHANIC FALLS—*†§Penney J. W. & Sons Co. (Steam Engines & Iron & Brass Fdrs., etc.)
MILFORD—†§*Ward N. H.
MILLINOCKET—†§Millinocket Foundry & Machine Co.
NORTH BERWICK—†§Hussey Plow Co. (Agrl. Implts., etc.)
NORWAY—*Murdock Francis W.
OAKLAND—*Bates A. B. Co
*Dunn Edge Tool Co. (Axes, etc.)
*Emerson & Stevens Mfg. Co. (Axes, Scythes, etc.
*King John (Axes, etc.)
OLD TOWN—*†§Chapman's T. M. Sons Co. (Wood Working Mach'y, etc.)
ORONO—*Mansfield E. Corp. (Cantdogs, etc.)
PORTLAND—*Adde & Co. (Lumber Measuring Meters & Hand Tally Registers)
*†§Babbitt Chas. E. (Brass & Iron Fdrs. & Machinists)
*Conant R. O. Co. (Canning Machy, etc.)
§Knight Bros. (Brass Fdrs., etc.)
§*Laughlin Thos. Co.
See adv index at end of book
*Maine Electric Co. (Dynamos, Motors, Engines, etc.)
§Megquier & Jones Co. (Bldrs. Iron Work)
*Orr & Jennings (Machsts. & Castings)
*†§Portland Co. (Steam Engines, Paper & Pulp Mill Machy,, etc.)
†Portland Stove Foundry Co. (Stoves, etc.)
*Smith & Langmaid
*Southworth Machine Co. (Printers' & Bookbinders' Machinery)
*Stickney Henry R. (Can Filling Machines, etc.)
ROCKLAND—*Livingston Mfg. Co. (Stone Working Tools)
*Shuman I. J.
RUMFORD — *†§Clark Foundry Co. (Punches & Shears, etc.)
SOUTH PARIS—†Penley Gilman H.
SOUTH PORTLAND — §*Marine H'dwe Equipment Co.
See adv index at end of book
SOUTH UNION—†Ripley C. S.
WATERVILLE—*Lombard Traction Engine Co.
†Noyes Stove Co. (Stoves)
*†§Waterville Iron Works (Pulp Wood Machinery)
WESTBROOK—*†Foster-Brown Co.
†Jordan Rufus K. (Iron Fdry.)
*Knowlton Machine Co.

MARYLAND.

BALTIMORE—*Adt, Jno. B. Co. (Brewers & Maltsters, Tobacco Machinery, etc.), 340 N Holliday
*American Compressor & Pump Co. (Air Compressors, Vacuum Presses, etc.) 801 E Pratt
*Anderson G. A. Mfg. Co., Bush & Russell
†Armstrong Stove & Mfg Co.
§Baltimore Brass & Plating Works, 118 E Center
*†§Baltimore Gas Appliance & Mfg. Co. (Gas Ranges, etc.) Bayard & Hamburg
Baltimore Malleable Iron & Steel Castings Co., S Charles & Wells
*†Baltimore & Ohio R. R. Co. Baltimore & Charles
*†Bartlett, Hayward Co., (Gas Works Machinery Iron Founders, etc.), Scott & McHenry
*†Bates Elevator Co. (Elevator Bldrs., Castings, etc.), 211 Preston
*†Bibb B. C. Stove Co. (Stoves, etc.) 109 Light
Black & Decker Mfg. Co. (Contract Mfg., Special Machy., etc.), 111 S. Calvert
*Brown F. S. & G. L. Machine Co. (Presses, Dies & Sheet Metal Tools), 20 E Fort av
*Burt Machine Co. (Canning Machinery), 403 E. Oliver
*Cahill W. S. Co. (Ship Builders, Engines, etc.), Key Highway & Webster
*Calvert Machine Co., 1606 Thames
†Carr Stuart R. & Co. (Iron Founders), Boston & Montford av.
*Cassard Hamilton (Broom Machinery), Holliday & Pleasant
*Central Foundry Co. Dundalk
*Chesapeake Iron Works (Builders' Iron Work, 3903 Westport
*Chesapeake Machine Co. Eastern av
*Chesapeake Marine Railway Co., Philpot cor. Point
*Coale Muffler & Safety Valve Co., 325 E Oliver
*Codd E. J. Co. (Boilers, Engines, Tanks, etc.), 700 S Caroline
*Crook H. E. Co., Inc., 28 Light
*§Crown Cork & Seal Co., 1511 Guilford av.
*†De Ved & Sons Sash Weight Co. (Builders' Castings), 807 S Howard
*Dietrich Bros. (Jail Guards, Bridge Rods, Plates, etc.), cor Pleasant & Davis

*§Diez & Roemer Brass Co., 212 Fallsway
*Dix Mfg. Co. (Door Hangers), Eager & Fallsway
*Dixie Mfg. Co. (Dust Collectors, Exhaust Fans, etc.), Russel & B. O. R. R.
*Dorman J. F. W. Co. (Rubber Stamp Machinery) 526 N. Calvert
§*Eichman J. S. Mfg. Co.
*Eisenbrandt F. B. (Gas Engines) foot of Light
*ELLICOTT MACHINE CORP. (Dredging Machinery, Grey Iron Castings, etc.), 1111 Bush
See adv index at end of book
*Fadum Fred'k & Son (Machinist), 408 W Redwood
*†Flynn & Emrich Co., 305 N Holliday
†Foster Bros. Mfg. Co. (Iron Beds, etc.), 320 N Holliday
*§Gibson & Kirk Co. (Brass Fdrs., etc.), 217 Key Highway
†Greenmount Iron & Mfg. Co. (Grey Iron Castings), 889 Greenmount av
*Harms Bros. (Gas Engines), 1730 Thames
*Hollingsworth Wm. (Gas Engines, etc.), 229 N Holliday
*Hutcheson Wm. (Brass Finisher & Machinist), 212 N Holliday
†Hutchinson Bros. (Stoves, Furnaces, etc.), 5 S Howard
*Ives Mfg. Co., 203 Hanover
†Jones Hollow Ware Co., 1012 Ashland av
*Jones Jno. T. Sons (Canning Machinery, etc.), 734 E Lombard
§*Kavanaugh Jos. M.
*Kemp C. M. Mfg. Co. (Gas Machines, Cellar Drainers, etc.), 405 E Oliver
†Kennedy Foundry Co. (Grey Iron & Castings), S Charles & Wells
*Knapp Fred H. Co. (Labelling), Lexington bldg
*Kries Henry A. & Sons Co., 8 W Lombard
†Lacy Jas. J. Co. (Propeller Wheels, Grey Iron Castings, etc.), Block & Wills
*Lazenby F. A. & Co., 414 Key Highway
*†Levering Mfg. Co. (Sash Weights, Grey Iron Castings, etc.), 210 Key Highway
*§Liberty Brass Works (Brass Castings, etc.), 305 W Lombard
§Limerick J. A. Co., 960 N Howard
*McClenahan H. J. & Co. 617 Water
*§McShane Bell Foundry Co. (Bell Founders, etc.), Harford av & B. & O. R. R.
*MacRae Hector C. (Electrical Storage Batteries, etc.), 316 St. Paul
§Maryland Brass & Metal Works (Brass & Bronze Castings, etc.), Calvert & Federal
§*Maryland Car Wheel Wks, Curtice Bay
*Maryland Dredging & Contracting Co. (Marine Repairs), Fidelity bldg.
*Maryland Metal Cross Tie Co., 901 Munsey bldg
†Meiser H. & Son (Iron Fdrs., Bldrs. Iron Work, etc.), 204 Clay
*Mergenthaler Co., 118 Hollingsworth
*Mitchell Jno. R. Co. (Pineapple Mach'y, etc.), 702 S Washington
*Monarch Engineering & Mfg. Co., American bldg.
*Monitor Controller Co. (Electric Motor Controllers, etc.), 514 E Lombard
*Moore Machinery Co. (Special Machinery, etc.), 213 Guilford
*Murrill & Keizer (Light Machy., Pattern & Model Work, Special Machy., etc.), 206 N Holliday
*Myer-Moran Co. (Special Machinery), 210 N Holliday
See adv index at end of book
*§National Supply Co. Casters, Brass Fdrs & Finishers, etc.), Equitable bldg
*Obrecht Chas. F. Co., 8 E Perry
*Page Engineering Co. (Marine Gas Engines), Clagett & Hull
*Phelps Walter J. (Canners' Machinery), ft. of Lawrence
*†§Poole E. H. & Co., 1513 Orleans
*†§Poole Engineering & Machine Co. (Power Transmitting, Rolling Mill Machy., etc.), Woodberry Station
*Renneburg Edw. & Sons Co. (Canning House Machinery, etc.), 2039 Boston
*§Richardson Edro Brass Co. (Brass Fdrs. & Finishers), 318 N Holliday
*Robins A. K. & Co. (Stove & Canning Machinery), 116 Market place
*†Sackett A. J. (Fertilizer Machy., etc.), cor 4th av & 1st
Sexton S. B. Stove & Mfg. Co. (Stoves, etc.), 500 W Conway
†Sheppard Isaac A. & Co. (Stoves, etc.), Eastern av & Chester (See Phila., Pa.)
*Sinclair-Scott Co. (Canning Machy., etc.), Wells & Patapsco
*Slaysman & Co. (Can Makers' Machy.), 801 E Pratt
*Spedden Ship Bldg. Co. (Ship Builders), Boston & Kenwood
*Starr B. F. Co. (Grinding Mills, etc.), 445 Guilford av
*Stebbins Wallace & Sons, 100 S Charles
*Stevenson & Co. (Can Makers' Machy.), 607 S. Caroline
*Universal Machine Co. (Special Machy. & Telegraphic Typewriters), 501 E Preston
*§Walther Geo. W. & Co., 712 N Howard
*†§Weiskittel A. & Son Co. (Stoves, Ranges, Porcelain Enameled Bath Tubs, Iron & Brass Founders), 12th & E Lombard
*White Chas. Gas Engine Co. (Gas Engines), Scott & McHenry
*Zastrow Geo. W. (Pineapple Machinery, etc.), 1410 Thames
Zies Chas. & Sons Co, (Butchers' Machinery, etc.), 320 S Fremont av.

CAMBRIDGE—*Shackelford Edgar.
CUMBERLAND—*†§McKaig Merwin
*†§Maryland Mould & Foundry Co. Grey Iron Castings)
*†Williams Foundry & Machine Works
EDNOR—*Bond Bros.
ELKTON—*McQuilkin Geo. (Machinist)
†Powers Jas. F. Fdry. Co. (Iron Fdry.)
FREDERICK—*Abbott J. H. & Son
*†American Foundry & Mfg. Co.
*†§Frederick Iron & Steel Co. (Elec. Ry. Line Materials, Grey Iron Castings, etc.)
GALENA—†Hyland Wm. A. Jr. (Wood Printing Machines)
GLENARM—*Hooper Francis X. Co.
HAGERSTOWN—*Foltz Mfg & Supply Co.
*†Hagerstown Foundry & Machine Co.
§Hagerstown Metal & Refining Co.
*Rupp Mfg. Co.
HANCOCK —*†Hancock Fdry. Machine Works
MANCHESTER—*†Shower Wm. H.
MT. SAVAGE—*§† Union Mining Co.
PERRYVILLE—†Armstrong Stove & Mfg. Co. (Stoves, etc.)
POCOMOKE CITY—Pocomoke Foundry & Machine Wks.
PORT DEPOSIT—*†Bibb B. C. Stove Co. (See Baltimore, Md.)
SALISBURY—*Grier F. A. & Sons
*†§Grier R. D. & Sons Co.
SOUTH BALTIMORE—(See Baltimore)
SPARROWS POINT—*†§Maryland Steel Co.
WESTERN PORT—†White Bros.

MASSACHUSETTS.

ABINGTON—*Lamson E. F.
ADAMS—†*Allen Fdy.
AMESBURY—*§Amesbury Brass & Foundry Co. (Brass, Manganese Bronze, etc., Castings)
*§Baker Foundry & Machine Co.
§Murphy G. W. J. Co.
*Pettingell Machine Co.
ARLINGTON HEIGHTS—*Arlington Machine Works (Textile machinery)
ASHBURNHAM—*Almond T. R. Mfg. Co. (Drill Chucks, Countershafts, etc.)
ASHLAND—*Lombard Governor Co. (Water Wheel Governors, etc.)
*Rav Bros. (Printing Presses)
ASSONET—*Davis-Warner Arms Corp.
ATHOL—*Athol Mach. & Foundry Co. (Fine Tools, etc.)
*§Athol Pump Co. (Pumps & Brass Castings)
*Gerry Geo. & Son (Textile Machy.)
*STARRETT L. S. CO. (THE) (Machinists' Fine Tools, etc)
See adv index at end of book
*Union Twist Drill Co. (Gear & Milling Cutters, etc.)
ATTLEBORO—*Clegg Mfg. & Tool Co. (Special Machinery)
*Mossberg Frank Co. (Dies, Special Machinery & Tools)
§Owren Casting Co.
AYER—*Chandler Machine Co. Dress Plaiting Machinery & Jobbing
BARRE—*†Allen Chas. G. Co. (Drill Presses, Self-Opening Dies, etc.)
BEVERLY—*Naumkeag Buffing Machine Co. (Buffing Machines, etc)
*Reid Bros. Co. (Surface Grinders & Gauges)
*Smith Ira A.
*†United Shoe Machinery Co. (See Boston)
BOSTON—*Accesso Mfg. Co., 99H State
Allington & Curtis Mfg. Co., 18 L (see Saginaw, Mich.)
*American Motor Equipment Co. (Gasoline Engines) 181 Mass. av.
*American Pipe Bending Machine Co., 39 Pearl
*American Postal Machines Co. (Stamp Cancelling), 295 Congress
*American Shade Machine Co., 19 Milk
*§American Soda Fountain Co., 282 Congress
*§American Steam Gauge & Valve Mfg. Co. (Gauges, Valves, etc.), 208 Camden
American Thermaphone Co., 116 Bedford
*†§American Tool & Machine Co. (Centrifugals, Hydro-Extractors, Brass Finishers' Lathes, Waste Washing Machines, etc.), 10 High
*American Warp Drawing Machine Co., 95 Milk
*†Ames Plow Co. (Agri. Implts. & Machines), Quincy & Hall
*Ames Shovel & Tool Co., Ames Bldg.
*§Anderson Albert & J. M. Mfg. Co. (Elec. Ry. Light & Power Machinery & Brass Fdrs., etc.), 289 A
*Angell Elevator Lock Co. (Elevator Safety Locks), 370 Atlantic av
*Arbetter Felling Machine Co., 242 Dover
*Armstrong F. A. W & Co., 358 Atlantic av
*Atlantic Works (Ship Engine Builders), 80 Border, E B
§Atlas Brass Foundry Co., 155 A. S. B.
*Automatic Box Machinery Concern, 270 Congress
*Babcock-Davis Corp., 474 Dorchester av
*Babson Dow Mfg. Co., 60 Fulda
Backus Heater & Fdry Co., Inc. (Heaters, etc.), 63 Canal
*Baker A. F. Machine, 135 Oliver
*Barrett Bros. (Special Machinery), 43 Haverhill
*§Barrett Jas. Mfg. Co. (Plumbers' Iron & Brass Specialties, 117 Pearl
*Bartlett E. (Bench Planers, Arbor Presses, etc.), 326 A
*Bassill Louis Co. (Brass Finishers), 100 Utica
*†Bay State Heating & Sprinkler Co., 49 Haverhill
Bay State Pump Co. (Tire), 100 Purchase
Beaudry & Co. Inc. (Power Hammers, etc.), 43 Bromfield
See adv index at end of book
*††Bent G. W. Co., 93 Causeway (Bedsteads)
*Berger C. L. & Sons, 37 Williams
*Bertelsen & Petersen Engineering Co. (Ship Machinists), 256 Border
*Blake G. F. Mfg. Co. (Pump Mfrs.), 200 Devonshire
*Boston Bottling, Wiring & Labeling Co., 23 Wormwood
*§Boston Brass Andiron Co. (Brass Fdrs. & Finishers), 104 Utica
*Boston Bridge Works (Traveling Structural Steel Work, etc.), 47 Winter
*§Boston Coupling Co. (Machinists & Brass Finishers), 156 Pearl
*§Boston Elevated Railway Co., 101 Milk
*Boston Nickel Plating Co. (Brass Finishers), 160 Portland
†Boston Sash Weight Co., 79 Milk
*Boston Scale & Mach. Co. (Angle Plates), 100 Ruggles
Boston Tool & Mfg. Co., Inc. (Die Filing Machines. Special Machinery), 262 Dover
*Boston & Lockport Block Co. (Tackle Blocks, Diaphragm Pumps, Differential Hotels, etc.), 100 Condor, East Boston
*Boylston Mfg. Co. (Shoe Machinery, etc.), 251 A.
*Brackett, Shaw & Lunt Co., (Gasoline Engines) 62 Washington N
*†Bradlee & Chatman Co., (Heaters) 54 Canal
*Bradley Pulverizer Co., 92 State
*Brown Beer Pump Co. (Brewers' Supplies), 11 Chardon
*Burke P. F. (Toe Calks, etc.), Damrell S.
*Buzzell J. G. & Co. (Boot and Shoe Machinery), 102 High
*Cahill Michl. F. ("Cahill" Brass Ferrules, etc.), 710 E 2nd
See adv index at end of book
*Campbell-Bosworth Machine Co. (Harness Machinery), 205 Lincoln
*Carson Trench Machine Co. (Trench and Excavating Machinery, etc.), 16 Dorrance
†Central Foundry Co., 105 Cummings
*Champion Button-Hole Machine Co., 641 Atlantic av
Chandler & Farquhar Co.,36H Federal
*Child Acme Cutter & Press Co. (Bookbinders' Machinery) 184 Summer
§Clark D. W. & Co. (Brass Works & Aluminum Castings), 280 1st
*Clough Angell Machine Co., 370 Atlantic av
*Codman F. L. & J. C. Co. (Buff Wheels, etc.), 15 Elkins, S. B.
*Coffin Valve Co. (Valves, Sluice Gates, etc.), Neponset
Colburn Gear & Mfg. Co. Inc. (Machine Parts), Woodworth, Dorchester. *See adv index at end of book*
*Columbia Mills, 123 Kingston (See New York)
*Costmeter Co., 1000 Washington
*Crandall Engineering Co., 102 Border, E. B.
*Crittenden Mfg. Co. (Screw Machine Products), 3380H Washington
*§Crosby Steam Gage & Valve Co. (Steam Specialties), 40 Central
See adv index at end of book
*Cross Paper Feeder Co., 185 Summer
*Cummings Machine Works (Shoe Machinery), 110 High
†Cunningham J. H. Co., 269 Congress
§Dahlquist Mfg. Co. 40 W. 3d. S. B.
See adv index at end of book
*†Dalton-Ingersoll Mfg. Co. (Plumbers' Brass Goods), 52 Chamey
*Damon & Glenn (General Jobbing), 189 High
*Davis I. B. & Son (Pump Mfrs.), 7 Pearl
*§d'Este Julian Co. (Steam Specialties, Brass Fdrs. & Finishers), 26 Canal
See adv index at end of book
*Dodge H. C., Inc. (Turret Lathes), 46 Alger

MASSACHUSETTS—Boston—continued
Donnelly Mfg. Co. (Plumbing Specialties), 10 High
Dow L. B., 79 Milk
§Duncan Wm. (Est. of), 156 Liverpool, E. B.
*Edison Mfg. Co. (Diaphragm & Force & Lift Pumps, etc.), 257 Atlantic av
*Electric Blower Co. (Blower Mfrs., etc.), 352 Atlantic av
*Empire Laundry Machinery Co. (Laundry Machinery), 352 Western av
*Ensign Mfg. Co. (Calculating Machines), 19 Brook, Fanuelil
†Estabrook's R. Sons (Soil Pipe & Fittings & Castings, etc), 202 W 1st
EVEREADY MFG. CO. OF BOSTON ("Eveready" Automatic Paper Clips & Fasteners, Machine Mfrs.), 9 Knapp
See adv index at end of book
*Eyelet Tool Co., 40 Lincoln
*Finch J. H. Co. (Brass Finisher), 24 Beach
*Fitzhenry E. L. & Co. (Yacht & Launch Engines, etc.), 49 Washington N
*Freeman F. W. Co. (Dies, Metal Stamping, etc), 160 Portland
Gale-Sawyer Co.
*†§Gibby Foundry Co. (Grey Iron & Brass Castings), 96 Condor, E.
§Gilchrist Geo. E. Co. (Brass Fdrs. & Finishers), 106 High
*Gillette Safety Razor Co. (Safety Razors), 41 W. 1st
Globe Ear Phone Co., 88 Tremont
*Grant Gear Works (Gears & Pinions, etc.), Pearl & Purchase
See adv index at end of book
*Gray-Aldrich Co. (Gasoline Engines), 33 Commercial Wharf
Grundy J. E. & Co. (Brass Finishers), 82 Sudbury
Gurney Heater Mfg. Co. (Heaters, Radiators, etc.), 93-95 Oliver
†§*Gurney Heater Mfg. Co.
*§Hall Wm. Co., (Locks & Trolley Line Materials, etc.), Quincy
*Ham L. M. Co. (Cold Iron Sawing & Coping Machines, etc.), 158 Portland
*§Hamlin & Emery Brass Co. (Brass Goods & Castings), 49 Island
*§Hancock Inspirator Co. (Injectors & Ejectors, etc.), 23 Watson. Office: New York
*Harbor Machine Co. (Tools, Dies & Special Machinery), 183 High
†Harrison Square Fdy. Co.
*Hart Mfg. Co., 352 Atlantic av
*Hart, Thos. H. Co., 364 Atlantic av
*Hartford Bros. (Shoe Machinery), 102 South
*Haskell-Dawes Machine Co., 176 Federal; Works: Phila., Pa.
*§Hershey Mfg. Co. (Sugar & Soapmakers Machy., Water Meters, etc), 314 W Second, S. R.
*Hetherington John & Sons Ltd. (Cotton Machinery, 10 High
*Highland Machine Co. (Machinists' & Pattern Makers, etc), 56 Kemble, Rox
Beach Mfg. Co. (Screw Machine Products), Little bldg
*Holmes & Blanchard Co. (Fertilizer Machinery), 31 State
*†Howes S. M. Co. (Stoves, etc.), 42 Union
*Howes Forest E. (Jobbing), 263 Northampton
*Huff Electrostatic Separator Co. (Ore Separators) 60 India
§Hungerford U. T. Brass & Copper Co. of Boston, 95 Broad
*Hunt-Spiller Mfg. Corp. (Air Furnace Locomotive Castings), 383 Dorchester av
*Jarvis Engineering Co. (Garbage Disposal Plants, Refrigerating Machinery etc), 261 Franklin
*Jones Mfg. Co. (Water Filters), 243 Franklin
King Construction Co., 131 State
*Kinney Mfg. Co. (Power Pumps, etc), 3541 Washington
*Knapp, Gardner & Co., 62 Sudbury
*Knight & Thomas, 212 Summer
†Krasser, F. & Co. (Iron Fdrs.), 31 George Rox
*†Laconia Car Co. (Electric Cars & Trucks & Malleable & Grey Iron Castings), 60 Congress. Works: Laconia, N. H.
*§Lamson Co., 100 Boylston
*Lang J. A. & Sons (Dies, Tools & Light Machy.), 280 Dover
†Lincoln Geo. H. Co. (Iron Fdrs.), 191 Old Colony av, S. B.
*†Livermore Hower F., Inc. (Steel & Malleable Castings), 85 Pearl
*Lockett Crimping Machine Co., 77 Summer
*Long J. H. Machine Co., 184 High
*Ludlow Valve Mfg. Co., 141 Milk
*Lufkin John W. & R. H. (Vamp Folding Machy.), 38 Chardon
†Lumdin Steel Casting Co.
*†§Lumsden & Van Stone Co. (Heating, Specialties, etc.), 1 Dorchester
*Lundin Electric & Machine Co. (Electrical Specialties), 10 Thatcher
*Lunt-Moss Co. (Gasoline Engines, etc.), 43 So. Market
§McCafferty J. H. Co. (Brass & Bronze Founders, etc), 434 Harrison av
*McCulloch A. P. Machine Co. (Tools, Dies & Special Machinery), 216 High
*§McGann T. F. & Sons Co. (Ornamental Brass & Bronze Works), 117 Portland
See adv index at end of book
*†McKie Shipbuilding Co., 100 Border E B
*McLaughlin Geo. G. Mfg. Co., 24 Washington N
McLauthlin Geo. T. Co. (Machinery Builders), 120 Fulton
*§Macallen Co. (Electric Specialties & Brass Fdrs.), 16 Macallen South
†*Magee Furnace Co., Inc.
*†Magee Furnace Co. (Heating & Cooking Apparatus), 38 Union
*Marshall Son & Co. (Book Binders & Paper Box Machy.), 226 Purchase
*Marston J. M. & Co. (Saws, Wood Working Machinery, etc.), 236 Ruggles
§*Mason Regulator Co. (Regulators, etc.), 1192 Adams
Massachusetts Machine Shop, Inc. (Metal Washers), 817 Albany
See adv index at end of book
*Maynard Mfg. Co. (Plumbers' Specialties), 127 Purchase
*†Mead-Morrison Mfg. Co. (Hoisting & Conveying Machinery), cor. Prescott & Orleans E R
†Mechanics Iron Fdry. Co. (Grate Bars, etc.), 38 Kemble, Rox
*Meisel Press Mfg. Co. (Printing Presses & Slitting & Winding Machinery, Contract & Special), 942 Dorchester av.
§*Merriman Bros.
*Metcalf J. C. Machinery Co. (Paper Box Machy.), 102 Pearl
Moback Tool & Machine Mfg. Co. (Vises & Milling Machine Cutters), 330 Atlantic av
*Moore Geo. W. (Screw Machine Products, etc.), 44 Farnsworth
*Moore J. W. Machine Co., Spring & Second Everett
*Moore & Wyman Elevator & Machine Works, 72 Granite, S B
†Morandi-Proctor Co. (Cooking Apparatus), 86 Washington
*Morrison, Angus Co. (Elevator Repairs), 183 High
§Morse A. J. & Son, Inc. (Fire Dept. Supplies & Brass Finishers), 221 High
*Murray & Tregurtha Co. (Marine Engines, Joints, etc), 340 W 1st
*Nary F. E. (Brass Finishers), 51 Chardon
*Nashua Machine Co. (Steam Traps), 127 Federal
*National Machine & Tool Co. (Machy, Jigs, Tools, Dies, etc), 253 A
*National Packaging Machinery Co., 172 Green, Jamaica Plain
*Nelson Blower & Furnace Co. (Gas Producers' Special Machinery, etc), 11 Elkins
Neponset Engine & Machine Co. (Marine Gas & Gasoline Engines), Neponset
*New England Annealing & Tool Co., 74 K, S B
*Nicholas & Stephenson (Machinists), 208 Summer
*Norton A. O., Inc. (Ratchet Screw & Track Jacks), 440 Brookline av
*Pattinson Mfg. Co., 48 Stanhope
§Peckham F. W.
*Peerless Machinery Co. (Shoe Machinery), 44 Binford, S B
*Peerless Motorcar Co. (Motorcycles), 660 Beacon
Petersen Anker, 330 Atlantic av
*Poland Laundry Machinery Co., 47 Kemble
*Power Numbering Machine Co., 299 Marginal, E B
*Puritan Mfg. Co. (Harness Machinery), 121 Beach
*R. & S. Machine Co. (General Machinists), 24 L (South Boston)
*Reece Buttonhole Machine Co., 502 Harrison av
*Reece Folding Machine Co., 502 Harrison av
*Renim Specialty Co. (Electrical Specialties), Brighton
*Ridlon, Frank Co. (Electrical Appliances), 251 A
*Rivett Lathe & Grinder Co., 2 Brooks, Brighton
Rockwell & Co., Inc., 74 India
§Rogers C. E. (Brass & Bronze Founders), 64H Plympton
*†§Saco-Lowell Shops (Textile Machinery Works), 77 Franklin
*Seelye Mfg. Co. (Shoe Machinery), 118 South
*Shaw Propeller Co., 15 Elkins
*Shawmut Machinery Co. (Shoe Mach'y), 82 Lincoln
*Shipman Machine Co., 218 Summer
†Smith & Anthony Co. (Stoves Works), 52 Union. Works: Wakefield, Mass.
*†Smith & Lovett Co. (Builders' Castings & Machine Work), 135 Tyler
§Snow W. A. Iron Works, Inc. (Architectural), 32 Portland
*Souther John & Co. (Dredging, Machines, etc.), 101 Tremont
*Special Tool & Machine Co. (Special Machinery Parts, Tools, etc.), 410H Dorchester av
*§Standard Rivet Co. (Rivet & Staple Setting Machines, etc), 41 Lincoln
Standard Saw & Tool Mfg. Co., Inc., 10 Damrell
*Standard Shoe Tying Machine Co., 19 Lincoln
*Stanley Co. (Gasoline Engines), 79 Milk
*§Star Brass Mfg. Co. (Steam Specialties & Brass Fdrs.), 53 Oliver
§Star Refining Co. (Brass Fdrs., Babbitt Metal, etc.), 116 W. First
*Stevens Type & Press Co., 183 High
*Strater Herman & Sons (Brass Fdrs. & Finishers, Bar Fixtures, etc), 74 Sudbury
*Sturtevant Mill Co. (Crushing & Pulverizing Machy.), Dorchester
§Swett & Sibley Co., 46 Cornhill
*Tauck F. N. Mfg. Co., 370 Atlantic
*Frank F. N. Mfg. Co., 370 Atlantic av
*Terkelsen & Weinberg, 328 A
*Thoner & Martens, 127 Purchase
*Tolman Mfg. Co., 19 W Third
*Trimont Mfg. Co. (Wrenches & Pipe Cutters), 55 Amory
*Trimount Rotary Power Co. (Pump Manufacturers), 18 Heath
*Tufts Nathaniel Meter Co. (Gas Meters), 455 Commercial
*Union Button Sewing Co., 394 Atlantic av
*Union Gear & Machine Co. (Gears, etc), 27 Purchase
*Union Lock Stitch Co. (Sewing Machines), E. Boston
*United Hammer Co. (Power Hammers, etc.), 45 Bromfield
*§United Injector Co., 23 Watson
*United Mattress Machinery Co., 19 Milk
*United Printing Machinery Co. (Printing & Litho. Machy., etc.), 100 Summer
*†United Shoe Machinery Co. (Shoe Machinery), 205 Lincoln
*United States Automatic Box Machy. Co., 172 Green, Jamaica Plain
*Universal Winding Co. ("Leesona" Textile Machinery), 95 South
*Up-To-Date Tool Co., No. 81 Wareham, Boston 18
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§Vannevar E. B. Co.
*Wade Machine Co. (Punches, Dies, etc.), 817 Albany
*†Walker & Pratt Mfg. Co. (Stoves, Radiators, etc), 31 Union
*†§Walworth Mfg. Co. (Pipe Cutting & Threading Machines, Stocks & Dies, & Iron & Brass Fdrs., etc), First, S B
†Waters Governor Co., 141 Milk
*Welch T. F. Co. (Gears & Specialties), 55 Sudbury
*West & Dodge Co. (Special Tools & Thread Gauges), 37H Parkman, Brighton District
*Whitney F. E., 65 Sudbury
*†Whittier Machine Co. (Elevators, Iron Fdrs., etc.), 34 India
†*Wollaston Fdy. Co.
*Woods S. A. Machine Co (Woodworking Machy., etc), 27 Damrell
BRAINTREE—*Dow Mfg. Co. (Spark Plugs., etc.)
BRIDGEWATER—*Continental Gin Co. (Cotton Gins, etc.)
*†§Perkins Henry Co. (Iron Fdrs. & Wire Nail Machy.)
*†§Stanley Works. (See New Britain, Conn.)
BROCKTON—*Bostock Thos. & Sons (Machinists)
*Brockton Die Co.
*Donnelly Machine Co.
*Independent Die Co.
*Kimball Bros. & Sprague (Nail Mill & Tack Machy, etc.)
*Knight Geo. & Co. (Machinists)
†Le Baron E. L. Foundry Co.
*Miller O. A. Treeing Machine Co.
†New England Fdry & Machine Co.
*Scott Geo. V. (Machinists)
*Tuck Mfg. Co. (Shoe Knives, etc)
*†United Shoe Machinery Co. (Shoe Machy.). (See Boston, Mass.)
BROOKLINE—*†Holtzer-Cabot Electric Co. (Electric Mach & Specialties) 125 Amory
*Ritchie E. S. & Sons (Current Meters)
CAMBRIDGE—*Advance Machine Co. (Embossing Machines)
*§Ashton Valve Co. (Steam & Water Specialties & Brass Fdrs.), 161 First
†Barbour Stockwell Co. (Street Railway Specialties & Castings)
*Blanchard Machine Co. (Machine Tools)
*Boston Bridge Works (See Boston)
*Boston Machine Screw Co., 17 Tudor
*§Boston Woven Hose & Rubber Co. (Hose Couplings, Nozzles, etc.)
†Broadway Iron Foundry Co. (Iron Fdrs.)
*†Cambridge Iron Works (Castings, etc.)
*Carpenter L. A. Press Metal Co.
Carroll A. P. Machine Co., 92 B'way
*Clark & Mills Elec. Co. (Electric Specialties)
Crofoot Gear Works (Gears)

*Elliott Co. (Addressing Machines), 143 Albany
*Davis F. H. (Paper Mill Machinery) (See Boston, Mass.)
*Dyer G. H. Company
*§Essex Brass Foundry Co.
*Excel Mfg. Co., 7 Sherman
*Field Walter W. & Son (Hoisting Engines, etc.)
*General Radio Co. (Wireless Telegraph Apparatus), 11 Windsor
*Holmes Chas. Leather Working Machinery Co.
*†Roberts Iron Works Co. (Fdrs., etc.)
*Seelye Mfg. Co. (Shoe Machy., etc.)
*Shaw, Hamlin J.
*Simplex Electric Heating Co.
*†§Worthington Pump & Machinery Corp. (Blake & Knowles Works)

CAMPELLO—†Grant Bros.
†N. E. Fdy. & Machy. Co.
Precision Tool Co. (Screw Machine Products, Tools, etc)

CANTON—*Samson Electric Co. (Electrical Goods, etc.)

CHARLESTOWN—Eclipse Machine Tool Co., 7 Sherman

CHELSEA—*Connolly Steel Casting Co. (Steel Castings)
*†Griffin Wheel Co. (Car Wheels) (See Chicago, Ill.)
*†Lovewell-Henrici Co. (Laundry Machy.)
*†Magee Furnace Co. (See Boston, Mass.)
†Market Forge Co.
†Smith A. L. Iron Works (Ornamental Iron Work, etc.)
*†Snow W. A. Iron Works (Stable Fixtures & Ornamental Iron Works, etc.)
*§Union Metal Works

CHICOPEE—§Ames Sword Co.
*†§Spalding A. G. & Bros. Mfg. Co.

CHICOPEE FALLS—*†Belcher & Taylor Agricultural Tool Co. (Agri. Implements & Tools)
*†Lamb Knitting Machine Co. (Textile Machy.)
*Stevens J. Arms Co. (Fire Arms & Accessories)

CLINTON—*†§Clinton Foundry Co. (Machinists' Iron & Brass Castings for Builders & Machinery)
*Clinton Wire Cloth Co.
*Gibbs Loom Harness & Reed Co. (Textile Machinery)

CONCORD—*Hancock W. C.

CONWAY—*Conant & Donelson Co. (Screw Cutting Tools, etc.)
§Buckley J. N.

DALTON—*Jordan G. J. (Machinists)

DANVERS—*Nightingale J. E.

EAST BRIDGEWATER—*†Carver Cotton Gin Co. (Cotton Gins, etc.)
†§Old Colony Foundry Co.

EAST BRIMFIELD—*Snell Mfg. Co. (Ship Augers, etc.) See Fiskdale

EAST PEPPERELL—*Blake H. & Son (Machinists)

EASTHAMPTON — †Easthampton Fdy. Co.

EASTON—†Belcher Malleable Iron Co. Malleable Iron & Steel Castings)

EAST TEMPLETON—Bay State Metal Wheel Co.

EVERETT—*Bent G. W. Co. (Iron & Brass Bedsteads)
*Blount J. G. Co. (Machine Tools)
§Downs B. J.
*†National Metallic Bed Co.
*New England Gas & Coke Co. (See Boston)
*†New England Structural Co. (Bldrs.' Iron & Steel Work)
*Porter H. K. (Bolt Clippers, etc.), 6 Ashland

FAIRHAVEN—*†Fairhaven Iron Foundry Co. (Iron Fdrs. & Steam Motors, etc.)

FALL RIVER—*Ashworth Bros.
*Bates Geo. A. & Son (Machinists)
*Coldwell Gildard Co. (Cotton Machinery)
*†Cote Piano Mfg. Co.
*Covel Machine Co. (Machinsits)
§Creighton Thos. J. & Co.
*†§Fall River Fdry. & Machine Co. (Iron & Brass Castings & Cotton Machy.)
*Fall River Steam & Gas Pipe Co. (Machinists, etc.)
*Fyans, Fraser & Blackway Co.
*Kay H. E. (Est. of) (Lathes, Chucks)
*†§Kilburn, Lincoln Machine Co. (Textile Machinery, Looms & Water Wheels, etc.)
*†§Mechanics' Foundry & Machine Co. (Iron & Brass Fdrs. & Machinists)
*Shea Bros. (Machinists)
*Thurston A. G. & Son (Machinists)

FISKDALE—*Snell Mfg. Co. (Augurs, Bits, Countersinks, Nails, etc.)

FITCHBURG—*Blake Pump & Condenser Co. (Steam Pumps & Condensers)
*Brown Bag Filling Machine Co. (Paper Bag & Envelope Machines, etc.)
*Cowdrey C. H. Machine Works (Special Machinery)
*Deane Machine Co. (Special Machy., etc)
*Fitchburg Grinding Machine Co. (Grinding Machine)
*Fitchburg Machine Works (Turning Lathes)
*Fitchburg Steam Engine Co. (Engines, etc.)
*†Goodnow L. H. Foundry Co. (Iron Fdrs., Heavy Fly Wheels, Engine or Machine Castings)
*§Hardy Wm. A. & Sons Co. (Brass & Bronze Castings, Screen & Suction Plates, etc.)
*†Johnson's Iver Arms & Cycle Works (Fire Arms, Bicycles, etc.)
*†§Manning, Maxwell & Moore Inc., Putnam Machine Works (Lathes, Planing Mills, etc.)
†Perault Moses J. (Iron Castings, Fly Wheels, Pulleys, etc.)
*Simonds File Co. (Files, etc.)
*SIMONDS MFG. CO. (Saws, Machine Knives, etc.)
See adv index at end of book
Springfield Automatic Screw Machine Corp., Dept. H.
*Tyrrell Harian P.
*†Union Foundry Co.
*†Union Machine Co. (Paper & Pulp Mill Machinery & Iron Fdrs.)
Union Screen & Plate Co. (Brass Fdrs, Screen & Suction Plates, etc.)
Universal Grinding Machine Co.
*Waymoth A. D. & Co. (Variety Wood-Turning Lathe)
§Welch E. J. & Co. (Brass Fdrs.)
*Wilder Chas. W. (Wood-Turning Lathes, etc.)

FLORENCE—*†§Florence Mfg. Co. (Oil Stoves, etc.)
†Northampton Iron Wks.
*†Norwood Engineering Co. (Iron Fdrs. & Machinists, Fire Hydrants, Water Filters for Mills, etc.)

FRAMINGHAM—*†Ames Plow Co.
Framingham Fdries. (Grey Iron Castings)
*International Engineering Works (Steam Boilers & Machinists)
*Manufacturing, Equipment & Engineering Co. (Steel Shop & Factory Equipment, etc.)

FRANKLIN—†§*Clark Wm. C.
*†§Golding Mfg. Co. (Printing Machinery)

GARDNER—*Baldwin E. F.
*Bancroft & Barnard (Chair Making Machinery)
†Central Oil & Gas Stove Co. (Oil Stoves & Heaters)
*†§Gardner General Foundry Co.
*Gardner Machine Works (Chair Machy., etc)
†§Hoglund G. E., Foundry Co.
*†McKnight L. G. & Son Co. (Chair & Woodworking Machinery)
*Simplex Time Recorder Co. (Time Recorders)

GLOUCESTER—*Brown Bros. Co.
*†Cape Ann Anchor Works
*§Reed Geo. A. & Son (Iron & Brass Founders, etc.)
*Stoddart Adam P. & Co. (Machinists)
*Success Mfg. Co. (Refrigerators)

GRANITEVILLE *†Sargent's C. G. Sons Corp. (Wool Mchy., etc.)

GREAT BARRINGTON—†Stevens G. A.

GREENFIELD—*AMERICAN TAP & DIE CO. (Taps, Dies, etc.)
See adv index at end of book
*Bicknell-Thomas Co. (Tap Chucks, Tapping Attachments & Machines)
*Goodell Mfg. Co. (Machinists' Small Tools, etc.)
*†Goodell-Pratt Co. (Drills, Hack Saws, etc.)
GREENFIELD TAP & DIE CORP. ("G. T. D." Tap, Die Gages, Machinists' Fine Tools)
See adv index at end of book
*Nichols' W. E. Sons & Co. (Knives, Cleavers & Steels), 52 Mill
*†Noyes B. B. Co. (Drills, Vises, etc)
*†Production Machine Co.
*Russell Mfg. Co. (Stocks, Taps, Dies, etc)
†Smith Fdry. Co.
*VELCO MFG. COMPANY, INC. (Broaches and Broaching Machy), 305 Wells
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*§Wing's Sons Chauncy (Pattern Works, etc.)

HARVARD—*Hildreth Bros. (Kindling Wood Machy., etc.)

HATFIELD—*Porter Machine Works (Lathes, etc.)

HAVERHILL—*Briggs Belmar Edge Tool Co.
*Busfield Machine Co. (Machinists)
*Hamel Shoe Machinery Co. (See Lynn)
*Hammond Machine Co. (Wood Heel Machinery)
*Haverhill Fire Appliance Co.
Monfils & Murphy Machine Co.

HAYDENVILLE — *†§Haydenville Co. (Brass & Iron Goods, for Water, Steam & Gas)
Progressive Iron Fdry. & Mach. Co.

HOLBROOK—*C. A. C. Axe Co. (Edge Tools, etc.)

HOLLISTON—*Wilder Sidney & Co. (Pumps, etc.)

HOLYOKE—§Barlow Co. (Brass Castings & Metal Works)
§Church C. F. Mfg. Co. (Plumbers' Supplies)
*Coburn Trolley Track Mfg. Co.
†*Deane Steam Pump Co.
§Higgins & Co. (Composition, Brass, Aluminum, Aluminum Bronze, Phospor Bronze, Castings, etc.)
*Holyoke Bar Co. (Machine Knives, etc.)
*†Holyoke Machine Co. (Paper & Pulp Mill, Cotton Mill, Power Transmitting & Wood Barking Machinery)
*†Jolly J. & W. (Paper & Pulp Mill Machinery, etc.)
*Judson & Williams (Screen Plates, etc.)
*Koegel Chas. & Sons (Wire Spooling Machines, etc.)
†*McHugh F'dy Co.
§Paper City Brass Foundry
*†Perkins B. F. & Son (Paper & Pulp Mill Machy.)
*†§Worthington Pump & Machinery Corp. (Deane Works)

HOPEDALE—*†§Draper Corp. (Textile Machinery, Looms, etc)
*Westcott A. A. & Sons (Spindles, etc.)

HUDSON—*Lapointe Machine Tool Co. (Keyseat Broaching Machines, Toolmakers, etc.)
*Tower Bros. (Machinists)
*Universal Boring Machine Co. (Boring Machines)
*Woodward Machine Co. (Woodworking Machinery)

HYDE PARK—*†§American Tool & Machine Co. (See Boston)
*†Becker Milling Machine Co. (Machine Tools, etc.)
§Dorchester Brass & Aluminum Fdry, Dept. H
*Robinson John T. Co. (Book Binder, Card Cutter & Paper Box Machy.)
*†§Sturtevant B. F. Co. ("Sturtevant" Blowers, Engines, Generating Sets, etc), 15 Damon
*Templeton Mfg. Co., Dept. H
*White Rebuilt Truck Co., Dept. H

INDIAN ORCHARD — *†§Chapman Valve Mfg. Co. (Valves, Hydrants, Water Works Supplies, etc.)
*Hough Cash Recorder Co.
*Metallic Drawing Roll Co. (Textile Machinery, etc.)

LAWRENCE—†Davis Foundry Co. (Iron Fdrs.)
*Dillon Machine Co. (Paper Mill Machinery)
*Eagle Knife & Bar Co.
*Emerson Mfg. Co. (Paper & Pulp Mill Machy.)
§Fallon T. F. & Co.
§Gallison F. L.
*†Hamblet Machine Co. (Paper Mill Machinery)
†Hart Foundry Co. (Grey Iron Castings)
*†Horne J. H. & Sons Co. (Paper Mill Machinery, etc.)
*§Keeble Alex. K. (Machinists & Brass Finishers)
*Lawrence Machine Co. (Pumps, etc), 42 Island
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*Lawrence Pump & Engine Co. (Pumps, etc.)
*McCabe E. & Co. (Machinists)
*Mills Machine Co. (Paper & Pulp Machinery)
*Smith Samuel Machine Co., 620 Essex
*Smith W. & Sons
*Speed & Stephenson (Textile Machinery)
*Sprague L. Co. (Bobbins, etc.)
*§Watts Regulator Co (Machinists & Brass Finishers)

LEE—*†§Clark H. C. & Son Machine Co. (Paper Mill Machinery, etc.)

LEEDS—*Cahill P. J.

LEOMINSTER—*Cook F. H. & Co. (Comb & Hairpin Machy.)
Grimes & Harris (Button Machy.)
*Smith A. A. (Machinist)

LEXINGTON — *§Jefferson Union Co. (Brass Fdrs., Flange Couplings, Pipe Unions, etc.)

LOWELL —*American Mason Safety Tread Co.
*Auto Tire Vulcanizing Co.
*Bagshaw W. H. Co. (Textile Machinery, etc)
*Bennett Bros. Co. (Windmills, Gasoline Engines, etc.)
*Cady Geo. L. & Sons (Machine Tools, Book Trimming Machines, etc.)
*Carey W. W. Co. (Woodworking Machy.)
†City Iron Foundry
*Dennis John Machine Co. (Textile Machy)
*Dodge Chas. S. (Textile Machy, Pickers, etc.)
†Doherty Bros. (Iron Fdrs.)
*Entwistle T. C. Co. (Textile Machy.)
*Gee Chas. E. (Woodworking Machy.)
§*Heinze Elec. Co.
*Hobson Lawler Co.
*Knapp Arthur P.
*Knowles Scale Works (Scales & Weighing Machines)
*Lahue M. M. & Co.
Lamson Co., 196 Walker
*Lovejoy Daniel & Son (Machine Knives, etc.)
*Lowell Shuttle Co.
Mansfield Fdy. Co.
*Middlesex Machine Co. (Machinists)
†§Pevey Foundry Co. (Iron & Brass Fdrs., etc.)
Reliance Toggle & Machine Co. (Jobbing)
†Robinson James P.

MASSACHUSETTS—Lowell—continued
*†§Saco-Lowell Shops (Textile Machinery). Office: Boston
*Turner J. S. Mfg. Co. (Worsted Roll Covering Machines)
§Union Brass Fdry. Co. (Brass & Composition Castings)
*U. S. Bobbin & Shuttle Co.
*U. S. Cartridge Co.
*Upton & Gilman Machine Co.
*Wrigley Wm. & Co.
LYNN—*Boston Machine Works Co.
*Cannon T. J. & Sons Machine Co. (Special Machinery & Tools).
*Cilley W. W. & Co. (Shoe Stitchers)
Cunningham & Birdwood
§Dempsey John F. & Co.
*Dwyer Machine Co.
*Essex Engine Co.
*Essex Machine Co. (Machinists)
*Gallagher Mfg. Co. (Ratchets, Drills, etc.)
*†§GENERAL ELECTRIC CO. (Thomson-Houston Plant). (See Schenectady, N. Y.)
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*Hemingway Machine Co. (Leather Machinery)
*Holmes E. M. (Machinist)
*Quarmby & Hilliker (Shoe Machy, etc.)
†Smith Iron Foundry (Inc.) (All Kinds of Light and Heavy Castings)
*Stephenson Chas. H. (Bath Room Fixtures)
*Stewart Bros. (Shoe Machy.)
*Thomson Electric Welding Co. (Elec. Welding Machines), 161 Pleasant
*Young W. J. Machinery Co. (Shoe Machinery), 418 Union
MALDEN—*International Engineering Co., 42 Exchange
MANSFIELD—*Bay State Tap & Die Co. (Taps, Dies, etc.)
*Card S. W. Mfg. Co. (Dies, Taps, Reamers, etc.)
*†Chilson Furnace Co. (Stoves & Ranges)
Mansfield Fdy. Co. (Grey Iron Casting)
†Mansfield Furnace & Coal Co.
†Shields Foundry Co. (Iron Fdrs.)
MARLBORO—†Beaudry T. J. & Son (Rubber Cutting Dies, etc)
*†Parsons Machinery Co. (Special Machinery, etc.)
MEDFORD—*Scott & Sons Co. (Chucks, etc)
*Wellman Co. (Special Machinery)
MELROSE—§*Lane Bros.
MERRIMAC—*§Jonah & George (Brass Specialties)
*§Merrimac Plating Works
§*Murphy G. W. J.
METHUEN—*†Sanborn Furnace Co. (Hot Air Furnaces, etc.)
MIDDLEBORO—*Perkins Lloyd
MILFORD—*Damon J. F. (Machinist)
Hopedale Mfg. Co. Roper Dept. ("Roco" Pumps, Motor Boat Propellers, etc.)
†Milford Iron Foundry (Iron Fdrs.)
MILLBURY—*Buck Chas. Edge Tool Co. (Edge Tools, etc.)
*Millbury Machine Co.
*†Millbury Steel Foundry Co. (Steel Castings, etc.)
MILLERS FALLS—*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.)
NATICK—*Black Diamond Saw & Machine Works (Saw Sharpening Machinery)
*Brewer A. G. (Machinist)
NEW BEDFORD—†Acushnet Iron Co.
*Babbitt Steam Specialty Co.
§Foster Robt. W.
*Gunning Boiler & Machine Co.
§Morse Twist Drill & Machine Co. (Twist Drills, etc.)
†Mt. Pleasant Iron Fdy.
†§New Bedford Boiler & Machine Co. (Valves & Machinists, etc.)
*†New Bedford Foundry & Machine Co.
†*New Bedford Shuttle Co.
*Rankin & Arnold
*Tripp Frank S.
NEWBURYPORT—*†§Russell Albert & Sons Co. (Iron Fdrs. & Machinists)
†Victor Mfg. Co. (Furnace Doors)
NEWTON—*Empire Laundry Machinery Co. (Laundry Machy.). (See Boston, Mass.)
NEWTON CENTER—*Evans Friction Cone Co. (Pulleys, etc.)
*Gooch Arthur M.
NEWTON UPPER FALLS—Gamewell Fire Alarm Telegraph Co.
*†Saco-Lowell Shops (Textile Machinery). Office: 77 Franklin, Boston
NORFOLK DOWNS—*Boston Gear Works
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*Pneumatic Scale Corp. Ltd. (Automatic Weighing Machines)
†Wollaston Fdy. Co.
NORTH ADAMS—*Arnold Print Works
†§*Brooklyn St. Fdy. Co.
*†§Hunter Jas. Machine Co. (Power Transmitting & Textile Machy.)
NORTHAMPTON—*Herrick Chas E. (Machinist)
*Siro Carburetor Mfg. Co.
*Starr Package Machinery Co.
NORTH ANDOVER—*†§Davis & Furber Machine Co. (Textile Machy.)
NORTH DIGHTON—†Dighton Fdy. Co.
†North Dighton Cooperative Stove Co. (Stoves)
NORWOOD—†American Brake Shoe & Foundry Co.
*†Plimpton J. E. & Co.
ORANGE—*†Chase Turbine Mfg. Co. (Machinists, Millwrights & Fdrs.)
*†§Hunt Rodney Machine Co. (Textile Machinery, Pumps, etc.)
*Leavitt Machine Co. (Valve Re-Seating Machinery)
*†New Home Sewing Machine Co. (Sewing Machines)
*Union Tool Co. (Lathe Dogs, Tool Holders, Key Seating Tools, etc.)
OSTERVILLE—*§Leonard J. M.
OTTER RIVER—†*Lord, Stone & Co.
PALMER—†§*Palmer Fdy. & Mach. Co.
†Taylor W. B. & Co.
PEABODY—*Boyle John & Co. (Machinists)
*Little G. H.
†Marine Hdwe. Co.
*Newell & Knowlton (Inc.), (Grease Extractors, etc.)
*†Peabody Leather Co. (Leather Machinery, etc.)
*†Turner Tanning Machinery Co. (Hide & Leather Working Machinery)
PITTSFIELD—*†§Chapel A. M. Machine Co.
*†§GENERAL ELECTRIC CO. (See Schenectady, N. Y.)
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*†Jones E. D. & Sons Co. (Paper Mill & Power Transmitting Machy.)
PLYMOUTH—*Mixter J. W. Saw Tool Co. (Gummer Cutters)
*†Plymouth Foundry Co. (Gas & Oil Stoves, etc.)
QUINCY—B.-C. Co.
*Boston Gear Works (Gears, Bearings, etc, for own product only)
Norfolk Downs
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*Emery V. J. (Gasoline Engines)
*†§Fore River Shipbuilding Corp. (Iron & Steel Ships & Marine Engines, etc.)
*Kemp John F. & Co.
†Norfolk Iron Co. (Ornamental Iron Works, etc.)
*†Wollaston Foundry Co. (See Boston, Mass.)
READVILLE—*†Stafford Co. (Textile Weaving Machinery, etc.)
ROCHDALE—*Hankey A. & Co. (Knives, etc.)
ROCKLAND—*Arnold H. H. Co.
SAGAMORE—*Keith Car & Mfg. Co. (Car Mfrs.)
SALEM—*Atwood & Morrell (Steam Specialties), 48 Loring av
*Brown-Talbot Machinery Co.
*Dane Machine Co. (Tanners' Machinery)
*Dinsmore Mfg. Co. (Textile Mach.)
†Eagle Iron Foundry (Inc.)
*Goodell Zina (Machinist)
*†§Locke Regulator Co. (Steam Specialties)
*Merrow Machine Co.
*Patten Paul B. Co. (Machinists)
Ruggles-Klingemann Mfg. Co.
§Salem Brass Foundry
*Salem Elevator Works (Elevators, etc)
*§Spencer Regulator Co. (Steam Specialties, etc.)
*Stanley Co. (Gasoline Engines)
§Waters Andrew S.
SALISBURY—*Weare Samuel W.
SHELBURNE FALLS—*Goodell Tool Co. (Small Tools, etc.)
*Mayhew H. H. Co. (Small Tools, etc.)
SOMERSET—†Somerset Stove Foundry Co. (Stoves)
SOMERVILLE—*Berry Charles E.
*Birch Bros. (Textile Machy.)
*Forg Peter Mfg. Co. (Machinist & Machinery)
*Hanson Machine Co.
Jerguson Gauge & Valve Co., Mystic av & Fellsway
*Roberts Mfg. Co. (Bolt & Wire Clippers, etc.)
†Somerville Iron Foundry Co. (Iron Fdrs., etc)
SOUTH BOSTON—*Up-To-Date Tool Co., (Special Machinery), 60 K
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SOUTH EASTON—*White F. H. & Co.
SOUTH SUDBURY—*†Hurlbut-Rogers Machinery Co. (Machine Tools, etc)
SPENCER—*Goddard John E. (Machinist)
SPRINGFIELD—*American Saw & Mfg. Co., 69 Boyston
*Armstrong Walter (Special Machinery)
*†Baush Machine Tool Co. (Machine Tools)
*Bay State Elevator Co. (Elevators)
*†Bemis Car Truck Co. (Electric Car Trucks, etc.)
*Bemis & Call Hardware & Tool Co. (Tools, etc.)
*Blair Mfg. Co. (Lawn Mowers)
*Bullock Mfg. Associates (Watchmakers' Tools, etc.)
*Connery Machine & Tool Co. (Special Machinery & Contract Work), 56 Harrison av
*†Davitt Iron Foundry
*Eldredge Elec. Mfg. Co. (Elec. Specialties)
†Elwell H F Iron Works
§Emory P. P. Mfg. Co. (Brass Finishers & Founders, etc.)
§Engelhard Frank & Sons, 200 Franklin
†Fleming Foundry Co.
*Franklin Machine & Tool Co. (Valve Grinders), 61 Franklin
*Gilbert & Barker Mfg. Co. (Furnaces)
§Hampden Brass Co. (Brass & Composition Castings)
*†Hampden Corundum Wheel Co. (Emery & Corundum Wheels, Machinery, etc.)
*Hannan-Finton Co. (Machinists)
*§Harley Co. (Aluminum, Brass & Bronze Castings)
*Hendee Mfg. Co. (Motor Cycles)
*Hopkinson Machine Works (Envelope Machines)
*International Machine & Screw Co. (Screw Machines)
*Knox Motors Co. ("Knox" Tractors)
*Marcil & Smith (Jack Screws, etc.)
†*Metals Production Equipment Co.
*Napier Saw Works, Inc. (Saws, etc.)
*National Equipment Co. (Confectioners' Machy.)
*†New England Roller Grate Co. (Grate Bars & Castings of all Descriptions)
*New England Tool & Machine Co. (Tools, Dies, Fixtures, etc.), 51 Taylor
*N E Westinghouse Co. (Fire Arms)
*Package Machinery Co. (Wrapping Machines)
*Russell John W. & Sons Co. (Button Machines & Special Machinery)
*Smith C. H. & Co. (Dandy Rolls)
*Smith & Wesson (Revolvers, etc.)
†Springfield Foundry Co. (Builders' Iron Work, etc.)
*Springfield Iron Works (Machine & Drop Forgings, Elevators, Machine Work of all Kinds)
*Springfield Machine Co. (Machinists)
*Stacy E. S. Machine Co. (Machine Work of all Kinds)
§Stebbins E. Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods)
*†Swaine John Iron Works Co.
†Van Norman Machine Tool Co. (Machine Tools)
*Victor Saw Works (Saws, etc.)
*†Wason Mfg. Co. (R. R. Cars, etc.)
*Wico Electric Co., 132 Liberty
*Witherbee Igniter Co.
STONEHAM—*Patchett Tom
TAUNTON—*†Cell Drier Machine Co.
*Dary Ring Traveler Co. (Ring Travelers, etc)
*†Dighton Foundry Co. (Stoves, etc)
*Etna Co. (Twist Drills, etc.)
†Leonard & Baker Stove Co.
*Lincoln Twist Drill Co. (Drills, etc.)
*†§Mason Machine Works (Textile Machinery)
†*Nelson Mach. Co.
*New Process Twist Drill Co. (Twist Drills)
†North Dighton Co-Operative Stove Co.
§Reed & Barton Corp'n (Drills, etc.)
*Strange Chas. E. (Box Makers', Stave & Heading Machy., etc.)
*§Taunton-New Bedford Copper Co.
†Thomas Oscar G. Co. (Stoves & Iron Fdry.)
§Trefethen D. A. (Brass Founder & Finisher)
*†Weir Stove Co. (Stoves)
†White-Warner Co. (Stoves, etc.)
TURNERS FALLS—§Blassberg M.
Martin Machine Co. (Marking Machines)
§†Montague Machine Co.
WAKEFIELD—Gibby Foundry Co.
*Lead Lined Iron Pipe Co., Dept. H
§*Sanitas Mfg. Co.
†Smith Fdry. Co.
*†§Smith & Anthony Co. (Stoves, etc.) (See Boston, Mass.)
Steel Specialties Co. (Nut Locks & Washers), Dept. H
WALPOLE—*†Fales L. F. (Paper Slitting Machines, Sewing Machines, etc.)
WALTHAM—AMES B. C. CO. (Bench Lathes & Bench Machinery, North Station. *See adv index at end of book*
§Boston Brass Co. (Plumbers' Brass Work, Finishers & Platers)
See adv index at end of book
*Clement W. D. (Watchmakers' Tools)
*§Crescent Park Brass Foundry
*†§Davis & Farnum Mfg. Co. (Cast Iron Pipe, etc.)
*Derbyshire F. W. (Watchmakers' Tools)
*Maynard Mfg. Co. (Plumbers' Specialties)
§*Metz Co.
Nichols W. H. (High Grade Machinery & Machine Parts)
*Stark Tool Co. (Clock & Watchmakers' Tools, Precision Lathes, etc.)
*Superior Corundum Wheel Co. (Grinding & Wheels, etc)
*Waltham Grinding Wheel Co.
†§Waltham Foundry Co. (Iron & Brass Castings, etc.)
Waltham Lathe & Mfg. Co., Dept. H
*Waltham Machine Works (Small Automatic Machinery)
Waltham Micrometer Dial Guage Co. Watchmakers' Tool), 248 Ash
*Waltham Watch Co. (Watches, etc.)

WARREN—*†§Perkins Machine Co. (Drop Hammers, Power Presses, Punching & Shearing Machy., etc)
*†Warren Steam Pump Co. (Steam Pumps, etc.)
WATERTOWN — *Massachusetts Blower Co.
†§*U. S. Arsenal Fdy.
*†Walker & Pratt Mfg. Co. (Stoves, Furnaces, Radiators, Cooking Apparatus, etc.) Office: Boston, Mass.
WEBSTER—*†§Prescott J. B. & Son.
WESTBORO—†§Foster, Richardson Co.
WEST BOYLSTON—*Ovenden W. C.
WESTFIELD—†Bay State Fdy. Co.
*Foster Machine Co. (Machinists & Textile Machy.)
*Hinsman Machine & Tool Co. (Special Machinery, Models, Gauges, Jigs, Fixtures, etc)
*Palmer Henry A. (Machinist)
*†Smith H. B. Co. (Steam Heating Apparatus, Boilers, Radiators, etc)
Try-Me Mfg. Co.
WEST LYNN—†§*General Elec. Co.
WEST MANSFIELD—*Richardson & Bottomley (Shuttle Irons, etc.)
WEST NEWTON — *American Electric Tool Co. (Electric Portable Tools)
*Miller Trolley Shoe Co. (Contract Work)
WEST WAREHAM—*†§Tremont Nail Co.
WHITINSVILLE — *†§Whitin Machine Works (Textile Machy.)
*Whitinsville Spinning Ring Co.
WHITMAN—*Pearson Walter (Machinist)
WILLIAMSBURG — *Thayer Mfg. Co. (Small Tools, etc.)
WINCHENDON—*†§Alaska Freezer Co. (Ice Cream Freezers, etc.)
*Goodspeed Machine Co. (Woodworking Machinery)
†Hill & Bosley (Iron Founders)
*New England Lock & Hinge Co.
*†Whitney Baxter D. & Son (Woodworking Machy.)
WINCHESTER—*Hutchinson Leather Machine Co.
*Whitney Machine Co. (Tannery Machinery)
WOBURN—*Hjorth Lathe & Tool Co. (Tools, Dies, etc) Office, 27 School, Boston, Mass.
†Woburn Iron Foundry, Inc. (Grey Iron Castings & Grate Bars)
*†§Woburn Machine Co. (Machinists & Millwrights)
WOLLASTON—†Boston Sash Weight Co.
*Emery V. J.
*§Hall Wm. Co. (Special Machinery)
*†Wollaston Foundry Co. (Machy., Piano Plate & Light Castings)
WORCESTER—*Adams John J. (Dies, Shoe Machy., etc.)
*†§AMERICAN STEEL & WIRE CO.
See adv index at end of book
*†Ames Plow Co. (See Boston)
†Arcade Malleable Iron Co. (Malleable Iron Castings)
*Batch John Co., Inc. (Special Machinery), 8 Grafton
*Bradley Osgood Car Co. (Railway Cars, Castings, Wheels, etc.)
*Brierly-Lombard Co. (Woolen Machy.)
*Brownell G. L. (Spring Twisting & Spinning Machy., etc.)
*Burlingame A. Co. (Steam Engines, etc.)
Burlingame S. F. (Gas Engines, etc)
*Coates Clipper Mfg. Co. (Sheep Clippers, Flexible Shafts, etc.)
*COES, LORING & CO. (INC.) (Machine Knives, etc), Coes sq
See adv index at end of book
*COES WRENCH CO. (Wrenches, etc.), Coes sq.
See adv index at end of book
†Colvin Estate of J. A.
*Commercial Welding & Machine Co.
*Coppus Engineering & Equipment Co.
*†Crompton & Knowles Loom Works (Textile Machy.)
*†Curtis & Marble Machine Co. (Textile)
*Desper H. A., 40 Shelby
*Dines Wm. L. Jr. Co. (Special Machy.)
*Eastern Bridge & Structural Co., 8 Cushing *See adv index at end of book*
*Economic Machy Co. (Label Mach.)
*Elliott & Hall (Cloth Folders)
*Fairbanks G. L. & Son (Gasoline Engines & Repairs), 166 Union
*Forbes & Myers, 169 Union
See adv index at end of book
*Gessner David Co. (Textile Machinery)
*Hardy L. Co. (Machine Knives, etc.)
*Harrington & Richardson Arms Co. (Fire Arms, etc.)
*Harwood & Quincy Machine Co. (Woolen Machines)
*Heald Machine Co. (Machine Tools & Grinding Machy.)
*Hobbs Mfg. Co. (Paper Box Machy., contracting, etc.)
*†§Holyoke Machine Co. (See Holyoke, Mass.)
*Houghton Mfg. Co. (Sheet Metal Stamping)
*Jacques John & Son (Shears & Card Cutting Machinery)
*Jencks E. Mfg. Co. (Wire Goods)
*Johnson & Bassett (Wool Spinning)
*Kidder R. E. Co. (Woodworking & Special Machines, etc)
*Leland-Gifford Co. (Crankshafts, Machine Tools, etc.)
Lowell Wrench Co. (Ratchet Die Stocks, Drills, Wrenches, etc.), 54 Commercial
See adv index at end of book
*Luther B. G. Co. (Woodworking Machinery, etc.)
*McMahon & Co. (Friction Clutches, Pulleys, etc.), Water cor Ledge
See adv index at end of book
*Mackin Steppen (Jobbing), 35 North Foster
Mafreto Machine & Tool Co. (Machinists' Tools, etc.)
Mason Marcus & Co., Inc (Coffee Machinery)
*Matthews Mfg. Co. (Stove Trimmings, etc.), 104 Gold
*†Morgan Construction Co. (Wire & Rolling Mill Machy., etc.)
†§New England Brass Foundry, 344H Park av
*Norton Grinding Co. (Grinding Wheels, Grinding & Polishing Machinery, etc.)
†Pero Foundry Co.
*Persons-Arter Machine Co. (Surface Grinders & Magnetic Chucks)
*†Pond L. W. Machine & Foundry Co. (Grey Iron Castings, etc.)
*Reed Francis Co. (Upright Drills, etc.)
*§Reed & Prince Mfg. Co.
*†§Rice, Barton & Fales Machine Iron Co. (Paper & Pulp Mill Machinery)
*†Richardson Mfg. Co. (Mowing Machines, etc.)
§Riordan Brass Fdy.
*Robbins Machine Co. (Lathes, etc.)
§Rockwood Sprinkler Co.
*Roy B. S. & Son Co. (Textile Machy., etc.)
*Savels O. M. & Co. (Dies, etc.)
Sheppard J. E. Co. (Envelopes, Machinery, etc.)
*Sleeper & Hartley, Inc. (Automatic Wire Spring Machinery), 335 Chandler *See adv index at end of book*
Smith Thos. Co.
*Snyder J. E. & Son (Machine Tools)
†Standard Foundry Co. (Machy. Castings, etc.)
*Standard Plunger Elevator Co. (Elevator Builders, etc.)
§Star Brass Fdry., Dept. H
†Steele W. M. (Switches & Switchboards)
*Stockbridge Machine Co. (Shaping Machines, etc.)
Summit Machine Works (Lathes), 54 Hermon
§Taylor Walter B.
*§Union Water Meter Co. (Water Meters, Regulators, etc.)
Vernon Machine Co. (Engine Lathe)
*Walden-Worcester Inc. (Wrenches), 475 Shrewsbury
See adv index at end of book
*Walker O. S. Co. (Machine Tool Grinders, etc)
*†Washburn Shop
§Wells Chemical Bronze Wks. (Brass, Copper, Tin, Zinc, Comp. & Bronze Castings)
*Westlund C. G. Co. (Friction Clutches, Grinding Machines, etc.) 498 Millbury
*†Whitcomb-Blaisdell Machine Tool Co. (Machine Tools, etc.) 677 Cambridge
Wickwire Spencer Steel Corp. (Ag'l & Machy., Spring, etc)
See adv index at end of book
*Windle J. E. (Textile Machinery)
Winslow Samuel Skate Mfg. Co.
*Woodward & Powell Planer Co. (Machine Tools, etc.)
§Worcester Brass Co.
*Worcester Electric & Mfg. Co. (Electric Switches, etc.)
*Worcester Gear Works, Inc., 33 North Foster
*Worcester Lawn Mower Co. (Lawn Mowers, etc.)
*Worcester Loom Works
†Worcester Pattern & Model Co.
*†Worcester Pressed Steel Co. (Stove Trimmings, Auto & Bicycle Parts, Ferrules, etc.)
*Worcester Stamped Metal Co. (Dies, Discs. etc), 9 Hunt
†Wyman-Gordon Co.
WRENTHAM—*Winter Bros. Co. (Taps & Dies, etc.)

MICHIGAN

ADRIAN—†Adrian Steel Casting Co. (Grey Iron & Crucible Steel Castings)
*Bond Steel Post Co. (Steel Posts, etc)
*Church Bros. (Pumps, Gas Engines, etc.)
*Page Steel & Wire Co. (Machine Shop for the Company's Own Use)
ALBION—†Albion Malleable Iron Co. (Agricultural Implements & Carriage Castings)
*†§Gale Mfg. Co.
†§Nixon & Glascoff
*Richards J. A. (Printing Machy.)
ALLEGAN—†§Allegan Fdy. Mach. Co.
Blood Bros. Machine Co. (Auto Specialties)
†*Union Steel Products Co.
ALMA—†Alma Standard Foundry Mfg. Co.
*†Montigel J. M. (Agricultural Implements), etc.)
ALMONT—*†Almont Mfg. Co.
ALPENA—*†§Besser Mfg. Co.
†§*French N. C.
*§Hanson Andrew
*†§Kline Lewis T. (Excelsior Machines, Baling Presses, Automatic Lathes, etc.)
†Northern Foundry Co.
ANN ARBOR—*†Ann Arbor Machine Co. Agrl. Implts., Hay Presses, etc.)
*Economy Baler Co. (Baling Presses, etc.)
*Hoover Steel Ball Co. (Steel Balls)
BAD AXE—†Huron Fdy. Implement Co.
BANCRAFT—†*Devereaux Ward
BATTLE CREEK—*A. B. Stove Co. (Casters, Gasoline Stoves, etc.)
*Advance Pump & Compressor Co. (Steam Pumps), Flint Division
†*Advance Rumely Co.
†§Ajax Enameling & Fdy. Co.
*†§American Steam Pump Co. (Steam Pumps, etc.)
*†Brennan John & Co. (Boilers, etc.)
*†§Duplex Printing Press Co.
§Franklin Brass Co. (Castings)
*Globe Mfg. Co. (Nebulizers, Elec. Air Pumps, Comp. Air Vibrators, etc.)
*Hart R. A. (Printers Machy.)
*Johnson Automatic Sealer Co., Ltd. (Sealing Machinery)
*†Nichols & Shepard Co. (Agl. Implts.)
*Ritchie G. & Sons
*†Rumely M. Co.
*§Sherman H. B. Mfg. Co. (Brass Founders & Finishers)
*†§Union Steam Pump Co. (Steam Pumps, etc.)
*†Unted States Register Co., Ltd. (Hot Air Register)
BAY CITY—†§*Bay City Fdy. & Mach. Co.
*†§Bay City Iron Mo.
*†§Garland M. Co. (Saw Mill Machy., Steam Engines, Iron Fdrs., etc.)
§*Great Lakes Brass Fdy.
*†§Industrial Works, (Cranes, Hoisting Engines, etc.) 11th & Wash.)
*Meister R. & Son (Machinery)
*Pierce-Budd Co. (Gasoline Engines)
*Smalley-General Co. (Gasoline Engs.)
*Zagelmeyer Cast Stone Block Machy. Co.
BELDING—*Belding-Hall Co. (Refrigs.)
§Grand Rapids Brass Co.
BENTON HARBOR—*Baker-Vawter Co. (Adding Machines)
*†Baute Henry
§Benton Harbor Brass Fdy.
†§Benton Harbor Brass & Iron Co.
†§Benton Harbor Malleable Fdry Co. (Malleable Iron Castings & Journal Boxes)
†§Benton Iron & Brass Fdys.
*†Covel Mfg. Co. (Saw Sharpening & File Room Machinery)
*Crary Machine Works
*Lutes-Sinclair Co. (Laundry Machy.)
*Morrill & Morley Mfg. Co. (Spray Pumps)
*Rosback F. P. Co. (Printers' & Bookbinders' Machinery, etc)
*Saranac Machine Co. (Book Binders & Wire Stapling Machinery)
BIG RAPIDS—†*Hanchett, Swaze Works
BLAINE—*†Fair Geo. & Son (Plows)
BLISSFIELD—*Blissfield Motor Works (Motors, Drills, Tilting Vises, etc.)
†Davenport Harry C.
BOYNE CITY—*†Conrad Iron Works
BRONSON—†Kipp Wm. A.
BROWN CITY—†*Brown City Mfg. Co.
BUCHANAN—*†Buchanan Electric Steel Co. (See Chicago, Ill.)
*†Lee & Porter Mfg. Co. (Carriage Axles, etc.)
BURR OAK—*†Sheffield Mfg. Co. (Agricultural Implements)
CARO—*†§Riddle Frank D. (Machinist & Foundry)
CHARLEVOIX—†Washburn O. S. & Son
CHARLOTTE—*†§Beach Mfg. Co (Road Making Machinery)
*§Hancock Mfg. Co. (Anything to Order in Brass)
CHEBOYGAN—*†§Blake H. A. & Son (Brass & Iron Foundry)
†§*Lund J. B. & Sons
CHELSEA—Lewis Spring & Axle Co. (Axles, Springs, etc)
COLDWATER—*§Champion Brass Works (Brass & Aluminum Castings, etc.)
*Loring Sanford (Machinist)
Regal Gasoline Engine Co.
†Titus Thurlow (Iron Foundry)
COMSTOCK—*Davis W. T. & Co.
*†Peer Mfg. Co. (Steam Engines & Power Transmitting Machinery)
CONSTANTINE—*Harvey W. W. & Son (Laundry Machinery)
DEARBORN—Ford Henry & Son
DETROIT — †Acme Foundry Co. (Iron Founders, Gray Iron Castings), Isabella & M. C. R. R.
*Acme Mfg. Co., 355 Howard
*§A. D. Mfg. Co. (Plumbers Supplies), 201 Piquette
Aluminum Manufacturers Inc., 7610H Campeau av
*†American Blower Co. (Engines, Blowers, Fans, etc.), 1400 Russell
*§American Brass & Iron Co. (Brass Bronze & Aluminum Castings), 1 Crystal
*American Bridge Co. (See Pittsburg, Pa.)
*†American Car & Foundry Co., 443 Ferry. (See St. Louis, Mo.)

MICHIGAN—Detroit—continued

*§American Injector Co. (Injectors, Lubricators, etc.), 173 14th av
*§American Lubricator Co. (Lubricators & Brass Founders & Finishers, etc.), Summit & Wabash Ry.
*†Art Stove Co. (Stoves, etc.), Russell & Milwaukee
†Atlas Foundry Co., 234 Artillery av
*Baird Machine & Mfg. Co. (Flower Pot Machinery), 265 E Jefferson av
*Barcy Nicholson Co., 837 W Fort
*Bolles J. E., Iron & Wire Works, 288 E. Milwaukee
*Bowen Corp. (Oil & Grease Cups, Oil Hole Covers, etc), 866 W Warren
*Bower Roller Bearing Co., 3040H Hart av
§*Brass Products Co., 1067 Palmer
*§Bryant & Berry Co. (Brass Founders, etc), 32 Atwater W
†Buhl Malleable Co. (Grey & Malleable Iron Castings, etc) Wight & Adair
*Burroughs Adding Machine Co. (Adding Machines), 2nd & Burroughs av
*†Byram & Co. (Foundry Machinery, Cars, Cranes, Tumbling Barrels, etc.) 435 Guoin
†§*Cadillac Motor Car Co., 1343 Cass
Cadillac Tool Co., 268 Jefferson
*§Caille Bros. Co. (Coin Operating Machines) 2nd & Amsterdam
*Capitol Brass Works (Valves, Brass Founders & Finishers, etc), 596 Franklin
§Carolin R. B., 833 Superior
†§*Central Specialty Co., 1653 St. Aubin
*CHICAGO PNEUMATIC TOOL CO. (Boyer Branch, Pneumatic Tools), 1301 2nd av.
See adv index at end of book
Christie-Kline Forging & Mach. Co. (Punches, Dies & Tools, etc.), 2739 Guoin
§City Brass Fdy., 421 Macomb
Clark Elec. Meter Co., 1330-12th
*§Clayton & Lambert Mfg. Co. (Plumbers' & Tinners' Tools), 1370-80 Beaubien
*Colton Arthur Co. (Pharmaceutical & Special Light Machy.), 2600H E Jefferson
§Columbia Castings Co., Ferdinand & Wabash Ry.
*Columbia Engine Co., 1275 Jefferson av
Commonwealth Brass Corp. (Lubricators, Valves, Oilers, etc.), 5781 Commonwealth av & Ry, Dept. H
†Co-operative Foundry Co., 207 Junction av
†§Cope Pattern Works, 41 McDougall
†De Croupet Iron Works, 345 Monroe av
*†Detiaff A. J. Co. (Grey & Malleable Iron Castings, Machinists, etc), 121 E Lafayette
*Detroit Automatic Scale Co. (Computing Scales), 30 Antritam
*§Detroit Brass & Malleable Works, 1177H Holden
*Detroit Edge Tool Works (Mfrs.), 740 E Woodbridge
*Detroit Engine Works, Kerchol & Connors
*†Detroit Foundry Co., 1 E Grand blvd & Riopelle
*Detroit Gear & Machine Co. (Cut Gears, etc), 129 Franklin
†Detroit Gray Iron Fdy. Co., 401 Wight
*Detroit Heating & Lighting Co. (Steam Heating Apparatus, Gas Machines, etc), Lieb & Wight
*Detroit Heating & Refrigerating Co. (Refrigerating Machines, etc), 631 Gratiot
*Detroit Hoist & Machine Co.
See adv index at end of book
*§Detroit Lubricator Co. (Lubricators & Steam Separators)
*Detroit Mach. Co. (Contracting Machinists), ft of Hillger av
*§Detroit Motor Casting Co. (Auto Brass Goods and Power Boats), 299 Beaufait av.
*†Detroit Piston Ring Co., 53H Richmond
†Detroit Register Co. (Hot Air Registers & Hardware Specialties), 88 E Jefferson av
*Detroit River Iron Works (Marine Work, etc), 661 E Atwater
*§Detroit Sanitary Supply Co., 1191 2d
*†§Detroit Shipbuilding Co. (Iron & Steel Ships, Marine Engines & Iron & Brass Founders & Finishers), ft Orleans
†Detroit Steel & Casting Co., 4069 Michigan
*†Detroit Stoker Co. (Mechanical Stokers, Grey Iron Castings, etc.), 2642 N Grand Boul
Detroit Stove Works (Stoves, Ranges, etc.), 6900 E Jefferson av
*Detroit Tool Co., 1487 St. Antoine
Detroit Torch & Mfg. Co., 15057 Mardoni av, Detroit. Mich.
*DETROIT TWIST DRILL CO. (Twist Drills, Chucks, Reamers, etc.), 555 Fort. *See adv index at end of book*
†§*Detroit Valve & Fittings Co.
See adv index at end of book
†Detroit Vapor Stove Co., 1633 Kercheval
*†§Dodge J. Bros., Campau av
§Douglas & Lomason Co. (Automobile Hardware), 5836 Lincoln av
*†§Enterprise Foundry Co. (Castings), 6463 E Warren av
*§Essex G. B., Brass Co. (Lubricators & Brass Founders & Finishers), 480 Franklin
*Excelsior Tool & Gauge Co., 1535 Temple av
†§Fairview Foundry Co., foot of Vanilla
*†Federal Bearing & Bushing Corp., 1448 Trombly
Federal Machine Products Co., Farnsworth & Beaufait, Dept. H
Federal Machine Products Co., Farnsworth & Beaufait, Dept H
†§*Flower Valve Mfg. Co., 107 Parkson
†*Ford Motor Co., Highland Pk
*†Foundry & Mach. Products Co., 8263H Fordyce
Frigidaire Corp., 2435 Scotten av, Dept. H
*Fruchey Mfg. Co. (Tools, Dies, etc), 429 Bagg
*Fuller Co. (Engines & Electric Ventilating Apparatus, etc), 1565 Russell.
*Gear Grinding Machine Co. (Gears, etc), 2296 E Grand blvd
*Gemmer Mfg. Co. (Auto Steering Gears, etc), 741 Merrick
§General Aluminum & Brass Casting Co. (Aluminum & Brass Castings)
*Gies Gear Co. (Transmission Gears), Boydell bldg
*Glenzer J. C. Co., 3H 14th
*§Graebert & Sons (Brass Founders & Finishers), 12 Sherman
†§Grant Bros. Foundry Co., 697 Beaufait av
*Gray Motor Co. (Gasoline Marine Motors), Det. Term. R. R. & Mack
*†Great Lakes Engineering Works (See Ecosse, Mich.), Real Est. Exch. bldg
*†Greenwood Mfg. Co., 5140H Greenwood
*†Griffin Wheel Co. (See Chicago, Ill.), Beecher & M. C. R. R.
§Hackett Brass Foundry, 220 Lillibridge av
*Hale Motor & Machine Co., 654 Franklin
*§Hall C. M. Lamp Co., Hancock & Rivard
*Hanson Tool & Die Co. (Tools, Dies, etc), 1330 15th
*†§Harvey's A. Sons Mfg. Co. (Steam Heating Apparatus, etc), 28 1st
*Hayes File Co., 1986H Franklin
*Henderson Motorcycle Co. (Motorcycles), 584 Franklin
*§Hensley Trolley & Mfg. Co., 370 Holden av
*Hermann Eng. Co. (Marine Motors), 654 Franklin
*†Ideal Furnace Co. (Furnaces, Registers, Heating Specialties, etc.), 88 Jefferson av
*†§Ideal Mfg. Co. (Gas Heaters), Franklin & Dubois
*Ireland & Matthews Mfg. Co. (Stoves) Beard & Chatfield
*Jefferson Iron Works Co. (Machinists) 7 Jefferson av
*†Jenks & Muir Mfg. Co. (Brass & Iron Bedsteads), 1441 Hastings
*Johnston Frederick G., 74 State
*Johnson & Walters Mfg. Co., 101 Baltimore av
†Kahl Fredk Iron Foundry, 2111 E. Atwater
*Kennedy & Greig, 109 2d av
*Kermath Mfg. Co. (Gasoline Engines), 46 Fort E
Knight Screw Products Co., David Whitney bldg
*Kraetke Bros. (Machine Tools), E Grand blvd & St. Aubin
Ladd John W. Co. (Creamery Machy & Supplies), 2016 W. Lafayette
*Langtry Machine & Tool Co., 700 Commonwealth av
*Lauer Jno. Machine Co. (Crankshafts & Special Machy.), 110 St. Antoine
*Lauhoff Bros. (Flour Mill & Tobacco Machy), 35 Chene
*Liebig Wm. & Co. (Brush Machinery), 96 Leland
*Lloyd Construction Co. (Gas Works Machinery), 860 Greenwood
§Long Mfg. Co., E Grand blvd & Cameron
†§*Lukomski Bros.
*§McCord Mfg. Co., 258 E Gd. blvd
*McDonough Automatic Regulator Co., 716 Grand River av
McRae & Roberts Co. (Brass Fdrs. & Steam & Plumbing Brass Goods, etc.), 100 S. Campbell av
*Machy Sales & Electric Co., 5H E. Fort
§Magnus Co., Inc., 945 Griffin
*Mansfield Steel Corp., 288 E Milwaukee av.
§*Master Carburetor Corp.
†*Maxwell Motor Co.
*Mead & Co. (Pulverizing Machy., etc.), 19th & Newark
§Michigan Copper & Brass Co. (Brass Goods etc), 1611 W Jefferson av
†Michigan Grey Iron Castings Co., Harbaugh & C
*§Michigan Lubricator Co. (Lubricators, etc), 3643 Beaubien
Michigan Machine Co., 951 Porter
†Michigan Malleable Iron Co. (Malleable Iron Castings, etc) Delray
*†Michigan Sprocket Chain Co. (Conveyors, Sprocket Wheels), Delray
†Michigan Steel Casting Co., 248 Guoin av
*†Michigan Stove Co. (Stoves & Ranges), Adair & Jefferson
Middleditch Benjamin (Screw Cutters, etc)
*Midland Machine Co. (Foundry Molding Machines), 1218 Hastings
*†Mogul Metal Co., 535 Larned W
†Monarch Foundry Co., Greenwood & G. T.
†Monarch Steel Castings Co. (Steel Castings, Car Couplers, etc), Solvay & Wab. R. R.
†*Moore Edwin C Son, 11 W Elizabeth
*Morehead Mfg. Co. (Steam Traps & Plumbers' Specialties)
Morton Motor Co. (Marine Engines), 974 E Garfield
Motor Products Corp. (Plumbers' Supplies), Mack av & Outer Belt Line
*Mueller Chas R & Sons, 539-543H Shelby
*Murchey Machine & Tool Co. (Pipe Cutting, Threading Machines, etc), 85 Porter
*†§Murphy Iron Works (Smokeless Furnaces), ft. Walker
*†Muzzy-Lyon Co., Ltd., 535 Larned W.
§National Bronze & Aluminum Castings Co., 974 Garfield
*§National Fulton Brass Mfg. Co. (Brass & Bronze Castings, Bearings, etc.), 28 Brush
*National Twist Drill & Tool Co., 1456 Brush
§Norrie Brass Foundry, 836 W Fort
*Northern Engineering Wks. (Foundry Equipment, Cranes, Hoists, etc.), 9 Chene
*Northway Motor & Mfg. Co. (Gas & Gasoline Engines, Axles, etc), Maybey & G. T. R. R.
*Oelman Machine Co. (Dough Mixing Machinery, etc), 224 St. Antoine
Osborn F. C. (Special Mchy.), 64 Lawrence av
†§Packard Motor Car Co.
*Palmer-Bee Co. (Engineers & Machinists for Power Transmission, etc), 2778 E. Gd. blvd
§*Park McKay
*Pelton & Crane Co. (Elec. Specialties), 246 Harper
*§Penberthy Injector Co. (Engineering & Steam Specialties, etc.), 346 Holden av
*Peninsular Brass Works, Walter & Warren
*Peninsular Emery Wheel Co. (Emery Wheels & Emery Wheel Machy.), 253 Meldrum
*†Peninsular Stove Co. (Coal & Gas Stoves, Ranges & Furnaces)
*Puritan Machine Co. (Slot Machines), Lafayette & 10th
*Reinhold Mfg. Co., 139 Beaubien
§Roberts Brass Mfg. Co. (Plumbers' Brass Goods, etc), 1395 W. Fort
*Rogers Chas. E. (Milk Condensing Machinery, etc), 32 Goldsmith
Rogers R. R. Co. (Milk Condensing Mach.), 3328 Chope pl
*Ross & Young Machine Co. (Dies & Tools, etc), Jefferson & McDougall avs
Russel Motor Axle Co. (Motor Truck Axles & Gears) Chene & B. L. R. R.
*†Russel Wheel & Foundry Co. (Cranes, Cars, Wheels, Car Trucks, Castings, Special Machinery, Auto Parts, etc.), Chene & B. L. R. R.
*Sales M. W. Co., 315H W. Jefferson av
†Schwartz Foundry Co., Fort W & Vermont
*Schweppe & Wilt Mfg. Co. (Gears, etc), Mt. Elliott & Conant
*Scripps Motor Co. (Gasoline Marine Motors), 629 Lincoln av
§Sherwood Brass Works (Brass Finishers, etc), 1167 E. Jefferson.
*§Smith Jos. N. & Co. (Brass Finishers & Platers, Automobile & Bicycle works, etc), 2461 E Gd. blvd
†Smith-Matthews Foundry Co., 650 Bellevue av
*Smith Peter Heater Co. (Car Heaters, etc), 1843 Mt. Elliott
*§†Standard Brass Works, 2931H Wight
*Standard Computing Scale Co. (Computing Scales), 30 Library
*Stecker Elec. & Machine Co., Dewey
*†§Stephens Roe Mfg. Co. (Brass Fdrs., Finishers & Steam Brass Goods, etc), 1097 McKinley
*Sterling Motor Co., 1147 W Grand Boul
*§Sterling & Skinner Mfg. Co. (Brass Fdrs. & Finishers & Steam Brass Goods), 2672 E. Grand Boul.
*Stoddard Jakel Machine & Tool Co., Kerr bldg, 100 Beaubien
*Strelinger Marine Engine Co. (Marine Engines), 25 St. Aubin
*§Stuart Foundry Co., 207 Junction
*†§Studebaker Corp.
*Superior Machine & Engng Co., 51 E Fort

†Swedish Crucible Steel Co. (Crucible Steel Castings), Butler & Grand Trunk RR.
*Tessmer Mach. & Tool Co., 1425 Rivard
*§Thiery & Kendrick Mfg. Co. (Aluminum, Brass & Bronze Castings, etc.), 660 Franklin
Tufting Machine Supply Co. (Leather Measuring Machines), 268 E Jefferson
§*U. S. Novelty & Mfg. Co., Collins & Belt Line
*Wadsworth Mfg. Co. (Oil Engines, etc.) Kercheval & Connors
*Walter Machine Co., 186 Bellevue av
§Walz Christopher, 296 Division
*Waterman Motor Co., 235 Mount Elliott
*†Whitehead & Kales Iron Works (Iron Fdrs. & Steel Structural Work), Beecher av, M. C. R. R.
*Wilson J. C. & Co., 15th & Warren
*Wing J. L. & Co
*Wright-Austin Co. (Steam Traps & Steam Specialties), 315 W. Woodbridge

DOWAGIAC—*†Beckwith P. D., Estate of (Stoves, Heaters, etc.)
*†Dowagiac Drill Co. (Agrl. Implts., Seeding Machinery, etc.)

EAST JORDAN—*†§Malpass Bros.

ECORSE—*†Ecorse Foundry & Machine Co. (Castings)
*†§Great Lakes Engineering Works

ESCANABA—*†§Chatfield Brass & Iron Wks. Co.

FENTON—*†Walker Mfg. Co. (Pumping Engines & Castings, etc.)

FERRYSBURG—*†Johnston Bros. (Boilers & Castings, etc.)

FLINT—*Cook Car Journal Cooler Co.
†Flint Fdry. Co.
†Flint Pattern & Foundry Co.
†§*General Motors Corp.
*†Genesee Iron Works (Iron Fdrs.)
§†McCorkell & Hurd
†Michigan Motor Castings Co.
*Walker-Weiss Axle Co. (Automobile Parts, Axles, etc.)

FRANKFORT—*†§Markham F. E.

GLADSTONE—*Marble Arms & Mfg. Co.

GRAND HAVEN—*†American Brass Novelty Co.
*†Challenge Machinery Co. (Printing Presses, etc.)
*†§Dake Engine Co. (Pneumatic Cranes, Hoists & Motors, Stearing Gears, etc.)
*§Grand Haven Brass Foundry

GRAND LEDGE—†*City Iron Wks.
*†Streeter Hiram R.

GRAND RAPIDS—*†§American Seating Co. (See Chicago, Ill.)
*Attwood Brass Works (Auto Mountings & Special Brass Work)
*Baldwin, Tuthill & Bolton (Saw Mill Machy., etc.)
*†Butterworth & Lowe
*Clipper Belt Lacer Co. (Belt Lacing Machines), 974-1042 Front av, N W
†§Connor Foundry Co.
*Dodds Alex. Co. (Woodworking Machinery, etc.)
*Edge Frank & Co. (Saws & Saw Machy.)
*Elliott Machine Co. (Button Fastening Machines)
*Fox Typewriter Co. (Typewriters)
*Globe Vise & Truck Co. (Vises, etc.)
*§GRAND RAPIDS BRASS CO. (Brass Fdrs. & Finishers)
See adv index at end of book
†Grand Rapids Foundry Co. (Iron Fdrs.)
*†§Grand Rapids Gas Engine & Yacht Co. (Gas Engines & Yachts)
†Grand Rapids Malleable Works
*§Grand Rapids Refrigerator Co.
*Grand Rapids Textile Machinery Co. (Textile Machinery)
†Haney School Furniture Co.
§Harring F. J. & Co. (Brass Castings, etc.)
*†Hartman H. J. Foundry Co.
†Ideal Foundry Co.
*Imperial Machy. Co. (Woodworking Mchy.)
*§Keeler Brass Co. (Brass Fdrs. & Finishers, etc.)
§Knape & Vogt Mfg. Co.,
*†§Leitelt Adolph Iron Works (Iron Fdry. & Builders' Iron Work, etc.)
*Michigan Wheel Co. (Propeller Blades, Marine Gears, etc.)
*Monarch Machine Mfg. Co. (Saw Mill Machy.)
*Munson Co. (Edge Tools, etc.)
§National Brass Co.
*Oliver Machinery Co. (Woodworking & Pattern Shop Machinery)
*†§Perkins & Co. (Shingle Mill Machinery, Gas Engines, etc.)
*Porter C. O. Machinery Co. (Woodworking Machinery, etc) 666 Front av
§Powell Brass Mfg Co
†Rathbone Mfg. Co. (Fireplace Furnishings & Castings)
†§Rempis & Gallmeyer Foundry Co. (Iron & Brass Fdrs. & Concrete Machy.)
Samson Trailer Works
§Standard Brass Foundry Co,
Stanley Fdy Co.
*Tannewitz Works (Special Machinery, etc.)
*Valley City Machine Works (Woodworking & Grinding & Polishing Machinery)
*West Michigan Machine & Tool Co. Ltd.
*West Side Iron Works (Woodworking Machy.)
*Wilmarth & Morman Co. (Drill & Tool Grinders, etc.).
*§Wolverine Brass Works (Brass Fdrs. & Finishers)

GREENVILLE—*†Gordon Hollow Blast Grate Co. (Grate Bars & Woodworking Machinery)
*†Greenville Implement Co. (Plows & Implements)
*†Moore Plow & Implement Co. (Agrl. Impits., Plows, etc.)
*†§Tower R. J Iron Works (Mfrs. Machinery)
*†§Wright C. T. Engine Co.

HANCOCK—*†§Portage Lake Foundry & Machine Co. (Mining Machinery, Castings, Chilled Car Wheels, etc.)
§Ward & Williams

HARBOR SPRINGS—*Shay E. & Son (Machinists, etc.)

HILLSDALE—*†Alamo Mfg. Co. (Gas & Gasoline Engines, etc.)
*†Alco Fdry & Machine Co.

HOLLAND—*Brownwall Engine & Pulley Co. (Gasoline Engines, etc)
*†Buss Machine Works (Machinists)
*Federal Stamping Co.
†*Holland Furnace Co.
*Holland Launch & Engine Co.
†Home Furnace Co.
*§Huntley Machinery Co.
†§Superior Fdy Co.
*Western Machine Tool Works (Machine Tools)

HOLLY—*†§McGonegal Frank E.
†Patterson Mfg. Co.

HOLT—†Nickel F. J. & Sons

HOUGHTON—-

HUDSON—*Abbott W. H.
*Abbott & Co. (Carriage Bldrs.' Machinery)
*Hardie Mfg. Co. (Painting & Spraying Machines)
*†Hazen Mfg. Co. (Pumps, etc.)

IONIA—*†§Arnold's G. W. Son
*†Stafford E. H. Mfg. Co.

JACKSON—*Aspinwall Mfg. Co. (Potato Machinery, Planters, Diggers, etc.)
*Butcher & Gage
*Cement Machy. Co. (Concrete Bldg. Block Machinery & Devices)
*Clark E. C. Motor Co. (Motors, etc.)
†Cobb Wm.
*Field-Brundage Engine Works (Gasoline Engines & Motors)
*Fox Machine Co. (Drilling Machines)
*Frost Gear & Forge Co. (Gears, Pinions, etc.)
*Hall-Holmes Mfg. Co. (Concrete Mixers)
*Hutchison Frank (Flour Mill Machy.)
*§Jackson Brass Foundry Co.
*Knickerbocker Co. (Flour Mill & Cement Machy.)
*Lockwood Ash Motor Co. (Gasoline Engines)
†Lusk Bros. Foundry Co.
†Lusk Bros. Foundry Co. (Grey Iron Castings)
*Miles Co. (Concrete Building Block Machines)
*Mott Wheel Works (Auto Wheels & Axles)
*§Novelty Mfg. Co. (Stoves, Hot Air Registers)
†Pioneer Fdy Co., Ltd.
*Sanford James A.
*Sparks-Withington Co. (Ball Bearings)
*Walcott Lathe Co. (Machine Tools, Lathes, etc)

KALKASKA—*Johnson, E. F.

KALAMAZOO—*Armstrong & Veley
*Atlas Press Co., 323 N Park
*Burtt Mfg. Co. (Gasoline Engines)
*†Clark Engine & Boiler Co. (Steam Engines, etc.)
*D'Arcy Spring Co
*†Dutton C. H. Co. (Steam Engines, etc.)
*Foss Engine Works
*General Gas Light Co. (Gas Lighting Appliances)
§Gerline Brass Foundry Co.
*†§Goodale Co
*Harrow Spring Co. (See Milwaukee, Wis.)
*§Henderson-Ames Co. (Regalias, etc.)
*†Hill Curtis Co. (Saw Mill Machy.), (Loco. Driver Boxes)
*Humphrey Co. (Instantaneous Water Heaters, etc.)
*†Kalamazoo Fdry. & Machine Co., 586 E Main
*Kalamazoo Machine & Tool Co.
†§*Kalamazoo Match Plate & Fdy Co.
*†Kalamazoo Railway Supply Co. (Hand & Motor Cars & Railway Supplies, etc.)
*Kalamazoo Spring & Axle Co. (Carriage Springs & Axles, etc.)
*†Kalamazoo Stove Co. (Stoves, etc.)
*†Kalamazoo Tank & Silo Co. (Mach. & Grey Iron Fdrs., etc.)
*Linihan M E (Fanning Mills)
§New Era Mfg. Co.
*Phelps & Bigelow Windmill Co. (Windmills, Pumps, etc.)
*†Reed Fdry. & Mach. Co. (Agrl. Implements & Crucible Steel Castings)
†Riverside Foundry & Galvanizing (Iron Fdrs.)
*Smith & Pomeroy Windmill Co. (Wind Mills, Feed Mills, etc.)
*§Star Brass Works (Brass Castings, Trolley Wheels, etc.)

LANSING—*Acme Engine Co. (Gasoline & Gas Engines, etc.)
*Bates & Edmonds Motor Co.
†Bement Stove Repair Co. (Stoves, Ranges, etc)
*Brownwall Engine & Pulley Co. (Gasoline Engines, etc.)
†Capitol Castings Co.
*Eureka Machine Co.
§Gerson & Carey Co.
*Gifford Engine Co. (Gas Engines)
*Ideal Power Lawn Mower Co. (Mfrs.)
*Jarvis Engine & Machine Works (Engineers & Machinists)
*†Lansing Co. (Car Wheels, Mining Cars, etc.)
*Lansing Forge Co.
*†Lansing Foundry Co.
*Lansing Motor & Pump Co. (Gasoline Motors, etc.)
†§Michigan Brass & Iron Works (Brass & Iron Founders)
*New Way Motor Co. (Gas & Gasoline Engines)
*†§Novo Engine Co. (Gasoline Engines & Castings)
*†§Olds Motor Works (Motors & Gas Engines)
*Original Gas Engine Co. (Gas Engines)
*Prudden Wheel Co., Inc. (Automobile Wheels, etc.)
*Reliance Engineering Co. (Cream Separators, etc.)
†Standard Castings Co.

LAPEER—†Bostick Stove Co. (Stoves & Castings)

LAURIUM—§Lake Superior Brass Fdy. Co. (Brass Founders)

LOWELL—*Lowell Specialty Co. (Spraying Machines)

LUDINGTON—Gile Tractor & Engine Co. (Gasoline Engines, etc.)
*†§Industrial Iron Works

MANISTEE—*†Johnson August N.
*†§Manistee Iron Works Co. (Saw Mill Machinery, Steam Engines, Iron Foundry, etc.)

MARCELLUS—†*Chapman H. L.

MARQUETTE—*†§Lake Shore Engine Works (Marine & Stationary Engines, Iron Fdrs., etc.)
*Longyear E. J. Co. (Diamond Drills)

MARSHALL — *†Lambert Machine Co. (Food Machinery, etc.)
†Marshall Castings Co.
†*Marshall Furnace Co.

MASON—†Fingerle Jno. C. (Iron Fdry.)

MAYVILLE—*†Johnson Wm. J.

MENOMINEE—*§Henes & Keller Co. (Air Pumps, Brass Fdrs., etc.)
*Lloyd Mfg. Co. (Automatic Machy. etc.)
*†§Menominee Electric Mfg. Co.
*†§Prescott Co. (Saw Mill Machy. Pumps, etc)

MILAN—†Ideal Furnace Co.

MONROE—*†§Monroe Fdry. & Furnace Co., (Castings, etc.)
*Monroe Specialty Co.
†Monroe Steel Castings Co. (Crucible Steel Castings)
*†Wilder-Strong Implement Co. (Agl. Implements, etc.)

MOUNT CLEMENS—†Donaldson Bros. (Agl. Implements, Plows, Cultivators, Harrows, etc.)
*Phillips & McCreedy

MOUNT MORRIS—*†§Hughes Jno.

MOUNT PLEASANT—*†§Gorham Bros. Co.

MUNISING—†*Munising Fdy Co.

MUSKEGON—†Campbell, Wyant & Cannon Foundry Co.
†Clover Chas. S. (Iron Fdry.)
*Continental Motor Mfg. Co. (Marine Motors, etc.)
†Eagle Iron Works
*§Enterprise Brass Works (Frank Holt, Prop) (Brass Castings & Launch & Engine Trimmings)
*†Gray Iron Foundry
*†Lakeside Foundry
Lakey Foundry & Machine Co.
*Linderman Steel & Machine Co. (Woodworking Machy.)
§Muskegon Aluminum Foundry Co. (Aluminum, Brass & Bronze Castings)
*Muskegon Motor Specialties Co. (Engine Parts)
†*Piston Ring Co.
†*Pyle Pattern Wks. & Mfg. Co.
*Shaw Electric Crane Co. (Main Office, New York City)
*†Simonson J. T. & Co.
*†Standard Malleable Iron Co. (Malleable Iron Castings)
*U. S. Gas Machine Co. (Pressure Blowers & Gas Machines)
†West Michigan Steel Foundry Co. (Steel Castings)

MUSKEGON HEIGHTS—*†Morton Mfg. Co. (Machine Tools)

NASHVILLE—*Taylor John E.

NILES—*†Garden City Fan Co. (Iron Founders & Blowers, Fans, etc.)
*National-Standard Co. (Blowers, Feed Mills, Pumps, etc.)

MICHIGAN—Niles—continued
*†Niles Steel Tank Co.
*†§Welling A. H.
NORTHVILLE—*†§American Bell & Foundry Co. (Bells, etc.)
*Simpson Mercantile Equipment Co. (Wagon Platform & Truck Scales)
OWOSSO—*American Malleable Co. (castings)
†Independent Stove Co. (Stoves)
PETOSKEY—†Blackmer Rotary Pump Co. (Rotary Pumps, etc)
*†§Burnett Foundry & Machine Wks. (Ltd.) (Marine Gasoline Engines, etc.)
PLYMOUTH—*†Bennett Mfg. Co. (Air Rifles)
*†Daisy Mfg. Co. (Air Rifles)
*†§Hamilton C. J. & Son (Rifles, Guns, etc.)
*§Markham Air Rifle Co.
PONTIAC—*†Bacon Mfg. Co. (Bean Sorting Machy.)
*General Motor Truck Co.
†*Wilson Fdy & Mach Co.
PORT HURON—*American Machinery Co. (Flour Mill Machy.)
*Anker-Holth Mfg. Co. (Cream Separators)
*†§Draper Mfg. Co. (Valve Facing Tools, etc.)
*§Moak Machine & Tool Co. (Machine Tools & Castings)
†Little Bros. Fdy Co.
Mueller Metals Co. (Forgings, Rod, Sand Castings, Die Castings, Tubing)
*Port Huron Construction Co. (Auto Motors)
*†§Port Huron Engine & Thresher Co. (Agricultural Implements, Traction Engines, etc.)
†Romeo Foundry Co. (threshing machines)
†§Rudge Jno. Foundry Co.
*†United Brass & Aluminum Mfg. Co.
PORTLAND—*Jenkins W. S. & Sons
†*Portland Fdy Co.
RICHMOND—*†Parker Plow Co. (Agrl. Implements)
ROCHESTER—*†Jackson & Co.
ROMULUS—*†Seestedt Henry W.
SAGINAW—*Allington & Curtis Mfg. Co. (Blowers, Exhausters, Dust Collectors, etc.)
§*Am. Cash Register Co.
*American Sandstone Brick Mchy. Co.
*†§Bartlett A. F. & Co. (Mine, Salt & Saw Mill Machinery, Engines & Iron & Brass Castings, etc.)
*Columbia Western Mills. (See New York)
*Erd Motor Co. (Gas & Gasoline Engines, etc.)
†Fair S. & Son
*Ferrell A. T. & Co. (Canning Machinery)
*Heginbottom S. H. & Sons
*Jackson, Church & Wilcox Co.
*†§Jackson & Church Co. (Brick Machinery, etc.)
*Koehler Bros. (Forge & Machine Shop)
*Lufkin Rule Co. (Rules, etc, for own use)
*Mershon W. B. & Co. (Woodworking Machy., etc.)
*†Mitts & Merrill
Murray & Maruna
*National Engineering Co.
*†Nelson Bros. Co. (Gasoline Engines)
*†Saginaw Wheelbarrow Co.
*Stork Motor Works Co.
*Valley Boat Co. (Marine Engines)
†§Valley Grey Iron Foundry Co. (Grey Iron Castings, etc.)
*†§Wickes Bros., 512 N Tilder
*Willcox Engng. Co., 1525 Holland
*Wolverine Machine Works
ST. CLAIR—†§*Baldwin Martin
ST. JOHNS—*Farmers' Cement Tile Machine Co. (Cement Tile Machines, etc.)
†§*Industrial Fdy Co.
*Mason F. C. & Co. (Agl. Implts. & Parts)
ST. JOSEPH—*Engberg Electric & Mechanical Works (Machinists, etc)
†Fay-Kultgen Fdy Co.
*†§St. Joseph Iron Works (Basket & Veneer Machinery, etc.)
*Truscott Pierce Engine Co.
*Upton Machine Co.
ST. LOUIS—†§*Alma Standard Fdy. Mfg. Co.
§Lane B. R.
ST. MARYS—Quickwork Co. (Rotary Shears, etc)
SAULT SAINTE MARIE—*†§Hickler Bros. (Marine Work)
Kings B. V. Machine Shop & Fdy.
SEBEWAING—*†Kellogg W. H.
SOUTH HAVEN—†Brayer Wm
*Mapes E. B. & Co. (Peach Pitting Machines)
SPARTA—†Sparta Foundry Co.
STURGIS—*†Freeland B. F. Sons Co. (Iron Tanks, Heaters, etc.)
*§Miller Charles A. Co. (Plumbers' Brass Goods)
*†Morency - Van Buren Mfg. Co. (Plumbers' Specialties)
*Sturgis Machine Co.
TECUMSEH—*†Brewer H. & Co. (Brick Presses & Clay Working Machy., etc)
*†Heesen Bros. Co. (Feed Cookers, Hog Ringers, etc.)
THREE RIVERS—*Armstrong Machine Works (Wire Spokes & Nipples, etc.)
*†§Fairbanks, Morse & Co., Sheffield Plant (R. R. Specialties)
†§Three Rivers Brass Wks.
*†Three Rivers Railway Supply Co. (R. R. Specialties, etc.)
TRAVERSE CITY—*Potato Implement Co. (Corn & Potato Planters, etc.)
*†Round Harry W. (Iron & Brass Foundry)
*†§Traverse City Iron Works (Iron & Brass Fdrs. & Machinists)
UBLY—†§*Farriby J. W.
VASSAR—*Hammant & Shoop
VICKSBURG—*†§Vicksburg Governor Co.
WYANDOTTE—*†Michigan Alkali Co. (Fdry. Dept.)
†Regent Stove Co.
YALE—*Yale Machinery Co.
YPSILANTI—*† McCullough W. L. Co.
*†§Michigan Press Co. (Presses & Shears, etc.)
*Thompson O. E. & Sons (Agrl. Implements, etc.)
*†Ypsilanti Hay Press Co. (Hay Presses, etc.)
*†Ypsilanti Machine Works (Flour Mill Machinery, etc.)

MINNESOTA.

ALBERT LEA—†*Albert Lea Tractor & Mfg. Co.
*§American Gas Machine Co. (Gas Machines, etc)
*Edwards C. D. (Stump Pullers & Ditching Machines)
*†§Veness J. W. (Machinist & Fdry.)
ALEXANDRIA—*Fredenberg M. D.
AUSTIN—*†Austin Foundry Co. (Grey Iron Castings)
BLOOMING PRAIRIE—*Morton Thos. S. & Son
BRAINERD—*†§Parker & Topping Co. (Iron Fdrs., Light & Heavy Castings, etc.)
CALEDONIA—*Caledonia Wagon & Iron Works
CANNON FALLS—*Anderson John J.
CHASKA—*†§Ess Bros.
COLOGNE—*Kohls Wm. (Machinist)
CROOKSTON—*†Crookston Mfg. Co.
CROSBY—Sagamore Iron Co., Dept. H
DASSEL—*Wreisner Bros.
DULUTH—*†CLYDE IRON WKS. SALES CO. (Hoisting Engines, Log Loaders, Grey Iron Castings, etc)
See adv index at end of book
*Crane & Ordway Co.
*§Duluth Brass Works Co. (Railroad Brasses)
*Duluth Gas Engine Works
*†Duluth Iron Works (Marine Engines, etc)
†Duluth Iron & Metal Co.
*Duluth Machinery Co.
*Globe Iron Works
*†McDougall-Duluth Co. (Steel Shipbuilders)
†Marine Iron & Shipbuilding Works
†§Minn. Radiator Co.
*†National Iron Co. (Hoisting Engines, Hoists, Grey Iron Castings, etc.)
†*Oliver Iron Mining Co.
†Thomsen's L. J. Fdy.
FARIBAULT—†§*Anderson & Sons A.
*†Nutting Truck Co.
*Schimmel-Reid Co. (Sanding Machines)
*†§Winter F. W. & Co.
FAIRMOUNT—†§*Fairmount Gas Engine & Ry. Motor Car Co.
FERGUS FALLS—*†§Fergus Iron Works Co.
GLENCOE—*†Glencoe Fdry. & Machine Co.
HASTINGS—*Estergreen F. E.
HOPKINS—*†§Minneapolis Threshing Machine Co.
KASSON—*Johnson V. C.
LA CRESCENT—†§Smith W. Grubber Co. (Stump Pullers, etc.)
LAKE CITY—*†§Gillett, Eaton & Squire (Engines, etc.)
MADISON—*Berg, Louis O.
MANKATO—Little Giant Co. (Hammers & Agricultural Implements)
*†§Mankato Mfg. Co. (Machinists & Founders)
MINNEAPOLIS—†American Brake Shoe & Foundry Co. (See New York City)
*†American Bridge Co., 629 S. E. 2d. (See Pittsburgh, Pa.)
*American Grain Separator Co. (Grain Cleaning Machy.), Erie & S. E. Essex
*Andrews Heating Co. (Low Pressure Boilers & Steam Heating Specialties)
Bowen Products Corp. (Machine Screw Work & Oiling Devices)
Bros Wm. Boiler & Mfg. Co.
†Bryant J. W. Co., 2601 University av, S E
*†Central Machine Works Co. (Woodworking Machinery & Grey Iron Castings), 1234 Central av
*§Commutator Co. (Copper & Brass Fdrs., Finishers, Commutators, etc.), 121 N 1st
*†§Crown Iron Works Co. (Builders' Iron Work), 1229 Tyler
*†Diamond Iron Works (Grain Elevator, Saw Mill Mchy., etc.), 2d & 18th av N
†Eagle Iron Works, 9th av S & 5th
*Electric Machinery Co. (Motors & Generators), 14th av & N E Tyler
*†§Emerson-Brantingham Implement Co. (Traction Engines), 708 S. 3d. (See Rockford, Ill.)
*Enterprise Machinery Co. (Gasoline Tractors), 1600-8th
*†§Flour City Ornamental Iron Co. (Brass, Iron & Bronze Fdrs., Finishers, Machinists, etc), 27th & 27th av
†§*Gas Traction Fdy. Co.
†Great Western Stove & Repair Co., 312 Hennepin av
†Hauser Bros. Foundry Co., 1859 E. 28th
*Horton Mfg. Co. (Truck Bodies & Varnish Speed Pulleys), 3008 University av
*†§Howell R. R. & Co. (Saw Mill Machinery, etc), 31st av
*Imperial Machinery Co. (Traction Engines), 1611 Central av
†Kausel John
*Keller Mfg. Co., 1328 N. E. Quincy
*†Kinnard & Sons Mfg. Co. (Tractors, etc), 44th av N & Bryant
*Lagerquist Gus (Elevators, etc), 516 N Third
*†Lenhart Wagon Co., 2600 University av
Marvel Machinery Co. (Re-Boring Machines)
†Menzel & Jeffrey Co., 317-9th av
*Mereen-Johnson Machine Co. (Box Machinery), 4400 Lyndale av
*†Minneapolis Bedding Co. (Brass & Iron Bedsteads), E. Henn av & S. E. 5th
*§Minneapolis Brass & Iron Mfg. Co. (Brass Fdrs. & Finishers), 115 N 9th
†Minneapolis Elec. Steel Castings Co., 38th av N. E. & 5th
*Minneapolis Separator Co. (Grain Cleaning Machy.)
*†§Minneapolis Steel & Machinery Co. (Corliss Engines, Heavy Castings, etc), 2854 Minnehaha av
*†Minneapolis Threshing Machine Co. (Agrl. Implt. Mfrs.), Hopkins
*†§Minnesota Moline Plow Co., 401 N. 3d
*National Novelty Co., 519 3d S
†North Star Foundry Co., 32d av & 27th
*§Northern Fire Apparatus Co. (Fire Engines, etc), 2422 Univ. av S. E.
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*†Northwestern Safe Mfg. Co. (Safes, Bank Vaults, etc.)
*†Owens J. L. Co. (Grain Cleaning Machinery, etc), Fulton & S. E. Huron
*Parten-Blomstrom Mfg. Co., 311 6th av S
*†Peteler Car Co. (car wheels)
*Power Equipment Co., 212 3d av N.
*Progressive Shoe Machinery Co. (Shoe Machinery), 3132 Snelling av
*Pynch E. A. & Co. (Flour Mill Machinery), 311 3d av S.
*Russell Grader Mfg. Co. (Road Machinery), 2005 Univ. av S. E.
†§St. Anthony Iron Wks.
†Salisbury & Satterlee Co. (Iron Bedsteads), 201 S E Main
*Shadegg J. C. Engine Co., 315 S 3d
*†Standard Foundry Co., 984 Central av
*Strong-Scott Mfg. Co. (Feed Mill Machinery, etc), 413 S. 3d
*†Twentieth Century Brass Works Co. (Brass Founders & Launch & Yacht Trimmings, etc), 514 5th av, S
*Twin City Machine Co., Power bldg, Nic Isl.
§Twin City Rapid Transit Co. (Aluminum Brass, Grey Iron & Steel Castings), 11th & Hennepin
*Twin City Separator Co. (Grain Cleaning Machinery), 29th & Colfax av S
*†Union Iron Works, cor 123 Main S. E.
*Western Crucible Steel Casting Co., 2843 Pleasant av
MOORHEAD—†*Foulks William
NEW PRAGUE—*†§New Prague Foundry Co.
NEW ULM—*†§Leonhardt Chas. (Power Hammers, etc.)
NORTH BRANCH—*Splittstoser Mfg. Co. (Jobbing)
NORTHFIELD—*Northfield Furnace Co. (Furnaces)
*†Northfield Iron Co. (Concrete Mixers, etc.)
ORTONVILLE—*†§Mullica W. F.
OWATONNA—*†§Owatonna Mfg. Co. (Grain Drills, Seed Sewers, etc.)
*†§North Star Iron Works Co.
*Virtue & Pound Co. (Gasoline Engines)
*†Washington Tool Co. (Tools & Machinery)
PAYNESVILLE—*†Seavey C. W.
PLAINVIEW—*Edwards W. G.
RED WING—*Hjermstad J. M.
*Red Wing Motor Co. (Gas & Gasoline Engines)
REDWOOD FALLS—*Japs Frank A.

ROBBINSDALE—*Pearson E. Martin (Mailing Machines)
ROCHESTER—Marquardt & Ormond
†*Rochester Iron Wks
ST. CLOUD—*†§Granite City Iron Works Co. (Stone Working Machy.)
*†§St. Cloud Iron Works Co. (Granite Cutting & Polishing Machy.)
ST. LOUIS PARK—*Martin M. R. (Grinding Mills
*†§Monitor Drill Co. (Grain Drills, etc.)
ST. PAUL—*†§American Hoist & Derrick Co. (Contractors' & Quarrymen's Machy & Tools)
*Anderson Co. (Agricultural Implts.), 2324 University av
*Auto Engine Works (Auto Engines), University & Griggs
*Borreson Mfg. Co.
*Carpenter Wing Carrier Mfg. Co. (Agricultural Implements)
Chicago House Wrecking Co. of Minn., Inc., 803 Fillmore
*Dahlquist Machinery Co. (Elevator Bldrs., etc.), 240 S Exchange
*Erickson John E., Fillmore av & Walter
*Fosston-Carpenter Co. (Agricultural Implements, Clothes Washing Machines, etc)
*†§Griffin Wheel Co. (See Chicago, Ill.)
*Heck G. J.
*Helwig Mfg. Co. ("Helwig" Pneumatic Tools, etc.)
†§Herzog Iron Works (Ornamental & Structural Steel Work, etc.)
*Joesting & Schilling Co. (Steel Ranges, etc), 379 Sibley
*Johnson C. I. Mfg. Co. (Printers')
*†Johnson W. V. Foundry
*Lee & Hoff Mfg. Co. (Elevators & Machine Work), 65 Water
†Northern Malleable Iron Co. (Malleable Iron Castings), Wells & Forest
*Northwestern Bedding & Mfg. Co., Wycliff N W cor Bradford
*§Northwestern Copper & Brass Wks., 59 W 3d
*†§Orme's Henry Sons (Foundry, etc.)
§St. Paul Brass Foundry Co., 2d & Minnesota
*†ST. PAUL FOUNDRY CO. (Steel Structures & Buildings, also Builders' & Railroad Castings, etc.), Como av & Mackubin
See adv index at end of book
*St. Paul Machine Works (Machinists), 123 W 3d
*St. Paul Machinery Mfg. Co. (Woodworking Machy., etc.), Como & Marion
St. Paul Welding & Mfg. Co., 173 W 3d
*†South Park Foundry & Machine Co. (Radiators, etc.)
†*Standard Conveyor Co.
†§Twin City Iron & Wire Works (Brass & Iron Fdrs., Elevator Enclosures, Fire Escapes, etc), 25 W Water
§*Twin City Lines
*§Union Brass & Metal Mfg. Co. (Plumbers' Brass Goods), Lawson & Mackubin
†Valley Iron Works (Iron Fdrs., etc.)
*Waterous Engine Works Co. (Auto Fire Engines), 62 Robert
*§Western Machine Mfg. Co., 443 Rosabel
*§Wolterstorff Range Co. (Steel Ranges, Furnaces, etc.), 66 E 3d
ST. PETER—†Bornemann Adolph (Grey Iron Castings)
SHAKOPEE — †Minnesota Stove Co. (Stoves)
†§Shakopee Stove Wks.
SOUTH PARK—*†§South Park Foundry & Machine Co. (See St. Paul)
SPRING VALLEY—*Kilburn Edw. (Machinist)
STILLWATER—*Atwood-Jones Mfg. Co.
†Dailey L. W. Stove Wks. (Stoves)
*†Jesse Aug. (Fdry., etc.)
*†§Swain D. M. (Foundry & Machinists)
THIEF RIVER FALLS—†*Thief River Falls Iron Wks.
TWO HARBORS—†§*Duluth & Iron Range Ry. Fdy.
VIRGINIA—*§Virginia Foundry & Machine Co. (Steam Pumps & Brass & Grey Iron Castings)
WADENA—*†§Gehr H. W.
WARREN—*†Warren Machine & Iron Works Co.
WASECA—*Lang & Cochran
WINONA—*Baldwin Bros. (Hand Fire Engines)
*†New Winona Mfg. Co. (Feed Mills, Corn Shellers, etc.)
*Phenix Iron Works (Machinists)
*Pioneer Tractor Mfg. Co. (Traction Engines, etc.)
*Winona Machine & Boat Works (Gasoline Engines, Motor Boats, etc.)
*†§Winona Machine & Foundry Co.
*Winona Motor Co. (Boat Engines)

MISSISSIPPI.

BOLTON—*Birdsong Mason (Machinist)
BROOKHAVEN—†§*Arrington Fdy & Mach. Co.
COLDWATER—*Perry A. G. Plow Co. (Agrl. Implts.)
COLUMBUS—*†Jacobs F. M.
CORINTH—*†§Adams W. T. Machine Co. (Saw Mill Machy., Engines, etc.)
*†§Corinth Machinery Co.
GREENVILLE—*Berry H. N.
GULFPORT—*†§Dantzler Foundry & Machine Works
*Smith W. R.
HATTIESBURG—*†§Enterprise Foundry & Machine Co.
*†Komp Machy. Co. (Fdry. & Machinist)
HAZLEHURST—*Hazlehurst Machine Shop (Inc.)
JACKSON—*McDonnell Foundry & Machine Co. (Repair Work)
LAUREL—*†§Laurel Machine & Foundry Co.
MERIDIAN—†§Marty Foundry Co.
*†§Soule Steam Feed Works (Saw Mill Machy.)
MOSS POINT—*†§Blumer Adam
NATCHEZ—*†§Shaw C. P. & Co.
SHUBUTA—†§Brownlee Machine Works
VICKSBURG—*Dutton & Jones Fdry. & Machine Wks.
†§*Robinson B. J.
†§Tickell Jos. & Son
WATERVALLEY—*†§Hendricks Wm. M.
WEST POINT—*Bentley F. A.

MISSOURI.

AURORA—†§*United Iron Wks. Co.
CALIFORNIA—*California Machine Wks
CAPE GIRARDEAU—*Eribacher B.
†§*Cape Fdy. & Mach. Co.
CARROLLTON—*Heins Daniel
*Heins W. F. (Pumps)
CARTERVILLE—*†§Webb City & Carterville Foundry & Machine Works
CARTHAGE—*†§Carthage Foundry & Machine Works
*†§Standard Machine Mfg. Co. (Well Drills)
CHILLICOTHE—*†§Chillicothe Iron Co.
*Jenkins Hay Rake & Stacked Co.
CLARKSVILLE—*†§Fletcher W. A.
CLINTON—*Haysler Mfg. Co.
*†§Industrial Iron Works (Grey Iron & Builders Castings, Engines, etc.)
COLUMBIA—*Vannatta A. L. (Stoves, etc.)
CRYSTAL CITY — *†§Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)
ELDON—Vanesdell Clark
FREDERICKTOWN—*†§Littleton T. R. & Son
GARDEN CITY—*†§Kauffman J. L.
HANNIBAL—†Dildine Bridge & Iron Co.
†§Duffy-Trowbridge Stove Mfg. Co. (Stoves)
†Hannibal Car Wheel & Foundry Co.
*Long E. C. Mfg. Co. (Gasoline Engines)
*Worrell S. E. (Drying Machines)
HARRISONVILLE — †§*Gwathmey Mfg. Co., Inc.
*†Sharp A. J. & Co. (Machinist & Foundry)
HIGGINSVILLE—*†§Raasch G. A.
HUNTSVILLE—†Fleming & Sons Mfg. Co. (Rakes & Hay Stackers)
INDEPENDENCE—*†American Scale Co. (Scales, etc.)
†*Faultless Engine Co.
†§Independence Stove & Foundry Co.
JEFFERSON CITY—*Star Dynamo Co. (Dynamos & Motors)
*†§Tanner Bros.
*† Vetter H. J.
JONESBURG—*Godfrey H. M. (Plows)
JOPLIN—†Central Foundry Co.
§*Joplin Brass & Metal Co.
*†§Joplin Foundry Co.
*†Rogers Foundry & Mfg. Co.
*†§United Iron Works Co. (See Kansas City)
*†§Webb City & Carterville Foundry & Machine Works (See Webb City)
KANSAS CITY—*†American Gas Engine Co. (Gasoline Engines)
*†American Radiator Co.
*†American Scale Co. (Iron Founders, Scales, etc.)
Baird Pneumatic Tool Co., Rialto bldg
*Bauer Machine Works Co. (Gas & Gasoline Engines)
*Cameragraph Co., 906 Baltimore av.
*Carr Mfg. Co. (Farm Machinery)
§Central Brass Works Co.
*Chandler Pumps Co.
*City Boiler & Machine Co. (Boilers Repaired & Gen'l Machine Work), 939 W. 8th
§Clarke's Brass Foundry
*Crago's Practical Machine Works
§*Crampton-Farley Brass Co.
*Demster W. R., 1316 Oak
*§Economy Gas Lamp Co.
*Economy Welding Machine Co.
†English Tool & Supply Co.
†Enterprise Foundry Co (Grey Iron Castings)
*†Faultless Engine Co. (Engines, etc.), 1511 Cypress
*Feltes & Donegan (Dies & Tools)
†§*Gate City F'dy Co.
*†§Great Western Mfg. Co., 1221 Union av
*Harbison Mfg. Co. (Implt Supplies, etc.), 1001 Mulberry
*†Harrigan Safe Co. (Safes, etc.)
*Hervey Machine Works (Special Machinery), 209 Oaks
*Kansas City Elevator Mfg. Co. (Dumb Waiters, Elevators, Hoists, etc.). S E cor 26th & Madison
*Kansas City Engine Works (Gasoline Engines)
*Kansas City Engineering Co., Scarritt bldg
*†Kansas City Hay Press Co. (Hay Presses, Feed Mills, Haying Tools, etc.)
*Kansas City Machine Works (Machinists)
*Kansas City Pump Co.
*†Kansas City Structural Steel Co. (Structural Steel Work)
†Kansas City Wire & Iron Works (Structural Iron Work, etc.)
*Koch Butchers' Supply Co., 519 Wyandotte
†Loewer John E. Wire & Iron Works (Structural Steel), 914 Campbell
Manson Campbell & Sons Co. (fanning mills)
*Mathews Hugh (Cylinder Boring Bars, etc.)
*Murray Machinery Co. (Repair Shops)
*National Machine & Construction Co.
*Neevel Mfg. Co.
*Pitless Auto Turntable Co.
†Prest Heating & Foundry Co. (Iron Founders)
*§Prier Brass Mfg. Co. (Plumbers' Brass Goods, etc.)
†Pugh Foundry Co. (Iron Founders)
Salter Motor Mfg. Co., 1516 Oakland av
*Saunders & Co. (Envelope Sealing Machines), 1700 Brooklyn av
†Security Stove & Mfg. Co. (Stoves, Castings, etc.), 17th & Oakland av
*Sloan Novelty Mfg. Co.
*†§Smith & Son Mfg. Co. (Plows, Hay Presses, Rakes, etc)
*Tilk Frank Ornamental Iron Wks. Co. 211 W 19th
*Triumph Mfg. Co., 500 Delaware
*†§United Iron Works, Inc. (Ice Making, Mining & Cement Machinery), Builders' & other Iron Castings,
*Vogl Tool Co. (Stonecutters' Tools, etc.), 912 E 19th
†West Side Foundry Co.
†*Witte Engine Wks.
KENNETT—*†Kennett Engine & Boiler Works
KIRKSVILLE—*†§Sherwood W. L.
KNOBNOSTER—*Hunter A. J.
LEXINGTON—*Taubman Charles
LINNEUS—*†Superior Hay Stacker Mfg. Co. (Hay Stackers, etc.)
MARYVILLE—*†§Armstrong Wm.
MILAN—*Sevier J. D. Son
MOBERLY—†*Moberly Fdy & Mach. Co.
NEOSHO—*†§Neosho Foundry & Plow Works (Plows, etc.)
ORONOGO—*Oronogo Machinery Co.
PLEASANT HILL—†*Am. Scale Co.
POPLAR BLUFF—*†§Holcomb W. A.
ST. CHARLES—*†§American Car & Fdry. Co. (Cars, etc.) (See St. Louis)
Leistner & Sons Mfg. Co.
†§St. Mary's Oil Engine Co.
ST. JOSEPH—*Acme Machine Co. (Machinists)
*†§Berry Foundry & Mfg. Co.
*†Berry Iron & Steel Co. (Iron Founders' and Builders' Iron Works)
*Bielhen Foundry & Machine Works
Bichler Mfg. Co.
*Cushman Sprayer Co.
*Hammond Packing Co., (Grey Iron Castings, Lamp Posts, etc.)
*Jamieson Machine Co. (Machy, etc.)
*†King Foundry Co.
†Phoenix Foundry & Mfg. Co.
§St. Joseph Brass & Iron Co.
*Specialty Shoe Machy Co.
*Swanson-St. Joseph Plow Co. (Agrl. Implements, etc.)
*Swift & Co.
*Voltz Mfg. Co., 914 Penn.
ST. LOUIS—*Acme Machine Works (Cut Gears, etc.), 1500 N 18th
*Adam Frank Electric Co. (Electric Goods), 904 Pine
§Alloyed Metal & Mfg. Co., 4537 Pope av
*Alsop Process Co. (Special Cofton Machinery)
*†American Bed Co. (Iron Bedsteads), 1820 McNulty
*American Brake Co. (Car Brakes & Specialties), 1932 N Broadway
*American Car Co. (Electric Cars, etc.) 1518 S. Vandeventer av
*†§American Car & Foundry Co. (Cars, Car Wheels, Cast Iron Pipe, Grey & Malleable Iron Castings, etc.), Syndicate Trust Bldg.
*American Electric Machine & Elevator Co., 1706 N 12th
*†§American Foundry & Mfg. Co. (Water, Gas & Plumbers' Goods, Hardware, etc.)
American Pulverizer Co. (Pulverizing Machinery, etc.), 1729 Austin
*†§American Stove Co. (Stoves), 827 Chouteau av
*Ball Phil De C. (Ice Machines), 3003 N Broadway
†Banner Iron Works (Grey Iron Castings & Builders' Iron Works)
*Barry-Wehmiller Machy. Co. (Botlers' Machy., etc.)
*§Bayer Steam Soot Blower Co.
*Brauer A. G. Supply Co. (Stove Repairs, etc.), 316 N 3d
*Brecht Co. (Packing House Machy. etc.), 1201 Cass av
†§Bridge & Beach Mfg. Co. (Stoves), 1st & Valentine

MISSOURI—St. Louis—continued
*Brockman J. R. Mfg. Co. (Steam Fitters' Tools & Supplies, etc.), 617 N 2d
*†§Buck's Stove & Range Co. (Stoves, etc.), 3500 N 2d
*†Busch-Sulzer Bros.-Diesel Engine Co. (Oil Engines), 2nd & Utah
*†Cahill-Swift Mfg. Co. (Plumbers' Supplies & Brass Goods), 1112 Market
†Carondelet Foundry Co. (Iron Fdrs.), 2101 Kingshighway blvd
Century Electric Co. (Electric Motors) 19th & Pine
*Champion Shoe Machinery Co. (Shoe Machinery), 3727 Forest Park blvd
†§Charter Oak Stove & Range Co. Stoves, etc.), Antelope & Conduit
†Christopher & Simpson Iron Works Co. (Iron Fdrs. of Bldrs.' Iron Work)
*Clemens John (Iron Work), 1922 S 7th
*Clyne R. G. Engineering Co., 12th & Tyler
†Commercial Fdy. Co.
*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc), Pierce bldg. Works: Granite City, Ill.
*Copper Clad Malleable Range Co. (Stoves & Ranges), Wainwright bldg
Crescent Tool Mfg. Co. (Dies, Tools), 1002 Cass av
*Crowder Bros., 2018 Locust
*†§Curtis & Co. Mfg. Co. (Saws & Clutch Discs, Air Compressors, etc.), 1571 Klenien av
*Decker Moulding & Mfg. Co., 9th & Monroe
*Diagraph Co. (Stencil Cutting Machines), 2121 N 9th
See adv index at end of book
*†Ellison Wm. & Sons Mfg. Co. (Coal Mining Machinery, etc.)
*Emerson Electric Mfg. Co. (Electric Fans & Specialties, etc.)
*Essmueller Mill Furnishing Co.
§Eureka Brass Co., 601 Red Bud av
†*Excelsior Tool & Mach. Co.
*Fernholtz Brick Machinery Co. (Brick Press Machines)
*Fisher & Davis (Excelsior & Woodworking Machy., etc.), 934 N 1st
*†Foster Bros. Mfg. Co. (Iron Beds, etc.)
*†Fritz Geo. J. Foundry & Machine Co. (Engines, Boilers, Machy. Fdrs., etc.), 2018 S 3rd
*†Fulton Iron Works Co. (Cane Sugar Machinery), 1259 Delaware av
See adv index at end of book
*Geraghty Bros. Elevator Co. (Elevators, etc.), 416 S 6th
*†Gerst Bros. Mfg. Co. (Iron Fdrs. & Bldrs. Iron Works), 800 Cass av
*§Gilbert A. & Sons Brass Foundry Co. (Car & Engine Brasses, etc.)
†Gravois Foundry & Mfg. Co. (Grey Iron), 3800H Delor
*Gravois Machine Shop Co. (Jobbers), 712 N 10th
†Green's Car Wheel Mfg. Co., 3000 N B'way
*†Hager C. & Sons Hinge Mfg. Co.
*Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1929-33 N B'way
*†Heinz C. Stove Co. (Stoves, Ranges, etc.), 100 N 2d
§Hewitt Mfg. Co. (Journal Bearings, etc.)
*Hirsch Cal. & Sons Mercantile Co. (Guns Repaired), 300 S B'way
*House Cold Tire Setter Co. (Tire Setters, etc.), 4143 Laclede
*Ice & Cold Machinery Co. (Refrigerating Machinery & Supplies), 3003 N B'way
*Inland Machine Wks. (Dies, Jigs & Fixtures & Special Machinery, 17th & Locust
*Jacob Robt. Engine & Machine Co. 211 Chouteau av
*Kauffman Engineering Co.
*†Kaysing Iron & Foundry Co.
†Kilpatrick A. & Sons Foundry Co. (Castings, Kettles, etc.), Carrie & Bulwer av
*Knight W. B. Machinery Co. (Drilling Machines), 3920 W Pine blvd
*§Kraushaar Brass Mfg. Co. (Gas & Electric Fixtures), 919 Pine
§Kupferle Bros. Mfg. Co. (Brass Fdrs. & Machinists), 600 N 2d
*†Kupferle Jno. C. Foundry Co. (Plumbers' Specialties), 1st & Wright
§Laclede Brass Works, 307 Cedar
*Laclede Iron Works (Jobbing), 1547 N 9th
*†Landay Stove & Range Co. (Stoves, etc.), 1402 N 16th
*Landis Machine Co. (Sewing Machines, etc.), 25th & Mullamphy
*§Lasar Mfg. Co., 1313 N 16th
*§Leading Brass & Metal Co., 2715 Hickory
†Liberty Foundry Co. (Grey Iron Castings), 7600 Vulcan
*†Ludlow-Saylor Wire Co., Newstead av, cor Wabash R. R.
†*Luminous Unit Co., Jefferson & Washington av
*McGoogan J. J. (Machinist)
§Magnus Co., Inc.
*Maier Wm. (Jobbing), 2720 N 13th
*†Majestic Mfg. Co. (Steel & Malleable Iron Ranges, etc.), 2014 Morgan
*†§Materne John P. Mfg. Co. (Machinists, Pipe Fitters, etc.)
*Mechanics Iron Works, 901 S Ewing av
*†Medart Patent Pulley Co. (Iron Fdrs. & Machinists, Power Transmitting Machinery), 3500 De Kalb
*Mellon & Storm Mfg. Co. (Brass & Iron Bedsteads, etc.)
*§Messmer Fred. Mfg. Co. (Gears, Brass Fdrs., etc.), 2700 S 7th
*§Missouri Brass Type Fdry. Co., 1620 W 22d
*†Missouri Bridge & Iron Co., Fullerton bldg.
*Missouri Engine Co.
†Missouri Iron Co., International bldg.
*Missouri Lamp & Mfg. Co. (Fire Extinguishers), 114 Elm
Modern Brass Fdy.
*†Modern Engng Co., 23rd & Walnut
*§More-Jones Brass & Metal Co. (Babbitt Metal Car Brasses & Misc. Castings), B'way & Dock
*Moloney Electric Co. (Transformers), 78 Hickory
*Moon & Hopkins Billing Machine Co., (Adding Machines, etc.), 2235 O'Fallow
(Babbitt Metal Car Brasses & Misc. Castings), B'way & Dock
*Mound City Machine & Pattern Co.
*Mound Tool Co., 1203 S 7th
§Mueller H. P., 219 Lombard
§National Cut Bronze Wks
*§Nelson N. O. Mfg. Co. (Plumbers' Specialties, etc.), 10th & Chestnut
§Northwestern Brass, Bronze & Aluminum Fdy.
§Northwestern Brass Wks., 2117 N 9th
*Olive F. W. (Jobbing), 1007 Marion
*Pan Electric Mfg. Co., 735 S. 4th
†Pavyer Printing Machine Works. Broadway & Poplar
Perfection Mfg. Co., 2701 N Leffingwell av, Dept H
*Pfoertner Lehmann Machine Co.
*Progress Press Brick & Machine Co. (Brick Machinery, etc.)
*Putnam Die Co., 917 N Market
§*Quick Meal Stove Co.
*Ramming John Machine Co., 300 S. Main
*Ramsey Machine & Elevator Co. (Elevators & Jobbing), 207 N 12th
*Reliance Machine & Tool Works, Channing & Franklin av
*Reliance Buggy Co., 2294 N. B'way
*†Ruemmeli-Dawley Mfg. Co. (Ice & Refrigerating Machy., etc.), 3900 Chouteau av
*†Rumsey L. M. Mfg. Co.
*§St. Gemme Frank Fire Apparatus Co. (Brass Finishers, Fire Extinguishers & Machinists)
†St. Louis Architectural Iron Co., Lesperance & De Kall
†St. Louis Axle Co. (Axles, Grey Iron Castings, etc.), La Salle W of Jefferson
§St. Louis Bell Foundry (Bells, etc.), 2735 Lyon
*St. Louis Bed & Mfg. Co., 2007 Railway Exchange
*St. Louis Boat & Engine Co.. Bank of Commerce bldg.
*§St. Louis Brass Mfg. Co. (Brass Fdrs. & Finishers), 2613 Washington av
*†§St. Louis Car Co. (Car Builders, Brass & Iron Castings, etc.), 3000 N B'way
*St. Louis Fire Door Co., 1134 S. 6th
*St. Louis Frog & Switch Co., Chemical bldg.
*St. Louis Gas & Gasoline Engine Co. (Marine Gasoline Engines), 2615 De Kalb
*†St. Louis Iron & Machine Works Corliss Engines, etc.), 126 Chouteau av
§*St. Louis Lightning Rod Co., De Kalb & Trudeau
*St. Louis Machine Tool Co., 922H Loughborough
*†St. Louis Malleable Casting Co., 7700 N. B'way, Dept H
†St. Louis Steel Foundry (Manganese Steel Castings), Hamburger & Kienlen av
*St. Louis Well Machine & Tool Co., Kingsland av
*St. Louis Wire & Iron Co.
*Sanitary Street Flushing Machine Co. (Street Flushing Machines)
*Schmidt Wm. F. & Co., 3149 Texas
*Schoelhorn-Albrecht Machine Co. (Machinists), 416 N Main
*Schurk Iron Works, 20 S Cardinal
*†Scullin Steel Co. (Open-Hearth Steel Castings, etc.)
*†Shumate Razor Co., 706H Chestnut
Skinner Bros. Mfg. Co., 10th & Tyler
*§Smith & Davis Mfg. Co. (Iron & Brass Bedsteads), Smith & Locust
*†South St. Louis Foundry Co. (Iron Fdrs, & Bldrs.' Iron Work), 7514 S Broadway
†Southern Wheel Co. (Car Wheels), Railway Exch. bldg
*†Spuck Iron & Foundry Co. (Iron Fdrs.)
*Steiner Mfg. Co. (Electric Motors, Coffee Mills, etc.), 4100 N 21st
§Stuckstede H. Bell Foundry Co. (Bell & Brass Fdrs.), 1312 S 12th
*Stupp Bros. Bridge & Iron Co., H Frisco bldg
*§Superior Brass & Mfg. Co., 106 S 8th
*Swaine Fred J. Mfg. Co. (Machine, Tools, etc.), 2nd & O'Fallon
*Teuscher & Son Machinery Supply Co., 527 N 2nd
*Tolland J. W. (Jobbing), 2319 Chestnut
†Tower Grove Foundry Co., 4444 Hunt av
*Turley H. G. (Cut Gears)
*Valley Electric Co., 3157H S. Kingshighway
*Victor Iron Works, 7th & Victor
*Victor Machine Works
*†Wagner Electric Mfg. Co. (Dynamos Motors, etc), 6400 Plymouth av
*†Warren Steel Casting Co., 3400H Maury
*Wenger Geo. Machinery & Supplies Mfg. Co. (Machinery & Castings, etc.)
*§West St. Louis Machine & Tool Co., 606 Vandeventer
†Western Foundry & Sash Weight Co. Grey Iron Castings), 2nd & Miller
*Western Screw Products Co., 3219 S Broadway
Williams Patent Crusher & Pulverizer Co., 813 Montgomery
*Wissler Instrument Works (Engineers' Instruments, etc.), 601 N Broadway
*Wrought Iron Range Co. (Ranges, etc.), 5661 Natural Bridge ave
*Wurdack Wm Elec. Mfg. Co., 21 S. 11th
*Ziegler Robt. & Sons (Printing Presses, Bookbinders' Machinery, etc), 208 Vine
SALISBURY—*Roling J. F.
SAVANNAH—*†§Schuyler W. S. (Gas Stoves, etc.)
SEDALIA—*Barley Thos. K. (Agrl. Implements, Harrows, Haying Tools, etc)
*Ritter Richard H.
*†§Sedalia Foundry & Machine Works
*†Wells, Geo.
SEYMOUR—*†Freeman L. D.
§*Freeman Fdy. & Mach. Wks.
SPRINGFIELD—*†§New Phoenix Foundry & Machine Co.
*Schmook H. B.
†Silsby Stove & Queensware Co. (Stoves, etc.)
*†§United Iron Works Co.
*†Woods-Evertz Stove Co. (Stove Mfrs.)
TARKIO—†§*Gallaway Wm. Co.
UNIONVILLE—*†§Stalcup Machine Shop & Garage
VALLEY PARK—†Wilson Stove & Mfg. Co. (Sheet Iron Stoves)
WEBB CITY—*†§Webb City & Carterville Foundry & Machine Works (Mining Machinery & Grey Iron Castings)
WEST PLAINS—*Summers W. L.

MONTANA.

ANACONDA—*†§Anaconda Copper Mining Co.
BILLINGS—†§*Great Western Sugar Co.
*†§Midland Iron Works
BUTTE—*†Anaconda Copper Mining Co
*Butte Machinery Co.
*†Montana Iron Works
*†§Western Iron Works
GREAT FALLS—*§Anaconda Copper Mining Co.
*†§Great Falls Iron Works (Fdrs. & Machinists)
†§Riverside Fdry.
HELENA — *†§Caird Engineering Works (Stamp Mills & Castings, etc.)
*†§Western Foundry & Machine Works

NEBRASKA.

BEATRICE—*†§Beatrice Iron Works
*†§Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc.)
*Kees F. D. Mfg. Co.
CENTRAL CITY—*Jensen P. C.
DAVID CITY—*Barker Mfg. Co. (Garden Weeders, etc.)
FAIRBURY—*†§Simpson John
FREMONT—*†§Fremont Fdry. & Machine Co.
HASTINGS—*†§Hastings Fdry. & Iron Works (General Foundry & Machine Work)
§*Rose J. A. Mfg. Co.
HILDRETH—*†§Hildreth Iron Works
HOLDREDGE—*†§Hultquist Bros.
KEARNEY—Bolte Mfg. Co.
*†§Kearney Foundry Machine & Auto Co.
LINCOLN—*†Cushman Motor Works (Engines & Motors, Gasoline)
*†§Hedges C. E.
McAlpine A.
Plattner-Yale Mfg. Co.
*Ress W. N. (Machinist)
NEBRASKA CITY—*†King Drill Mfg. Co.
NORFOLK—*Bergstrom A. B.
*Square Turn Tractor Co.
*†§American Smelting & Refining Co. (See N. Y. City)
*Baker Ice Machine Co. (Ice Machines)
*Briggs Pump Co.
*Case J. I. Plow Works

†§**Champion Iron & Wire Works**
*Davis Joseph S.
*†Jubilee Mfg. Co. (Sad Irons, etc.)
*Melchoirs Peter & Son Machine Wks. (Machinist)
†Mid-West Iron Works
*Nebraska & Iowa Steel Tank Co.
*Omaha Electrical Works
*Omaha Folding Machine Co. (Paper Folding Machines, etc.)
†Omaha Foundry Co.
†Omaha General Iron Works
†Omaha Stove Repair Works
*Omaha Steel Works
†§*Paxton-Mitchell Co.
*†§Paxton & Vierling Iron Works (Iron Fdrs. & Builders' Iron Work)
*Sterling Mfg. Co. (Argic Implements & Supply Co.)
•Sunderland Machinery & Supply Co.
†§Wearne Bros. (Iron Fdrs.)
†Western Iron & Wire Works
•Western Rock Island Plow Co.
PLATTSMOUTH—Sharp L. C. Mfg. Co.
RALSTON—†Howard Stove Co.
YORK—†*York Fdy. & Engine Wks.

NEVADA.

RENO—*†§Nevada Engineering & Supply Co.
TONOPAH—†§*Campbell & Kelly, Inc.

NEW HAMPSHIRE.

BERLIN—*†§Berlin Foundry & Machine Co.
†§*Cross Ezra M. Machine Co.
CHESHAM—*Russell Edward G.
CLAREMONT — *Sullivan Machinery Co. (Diamond Drills, etc.)
CONCORD—*†Concord Foundry & Machine Co.
*Cushman Electric Co. (Electric Motors, etc.)
†Ford Foundry Co. (Stoves)
†§Ford & Kimball (Brass & Iron Fdrs.)
Matson Machine Co. (Metal Cutting Off Machines)
CONTOOCOOK—*Kingsbury & Davis Machine Co. (Paper Box Machy.)
DOVER—*Davis Herbert M. (Machinist)
*†§Kidder Press Co. (Printing Presses, etc.)
*National Woodworking Machine Co.
EAST CONCORD—*§Badger Franklin L.
*Eastman Samuel Co. (Nozzles, etc.)
EXETER—*§Exeter Brass Works (Plumbing Specialties & Brass Fdrs.)
*Lane G. W. & C. A. (Grinding Mills, etc.)
FRANKLIN—*Acme Knitting Machine & Needle Co. (Knitting Machines.)
†§Beaupre Bros.
*Griffin G. W. Co. (Woodworking Machinery, Jig Saws, etc.)
HINSDALE—*Granite State Mowing Machine Co. (Lawn Mowers & Trimmers)
*Holman Jason R.
†Tilden Frank W. (Iron Fdry.)
KEENE—*L. B. Dow, Inc.
*Sargent George W.
LACONIA—*†Esty Sprinkler Co. (Mach. & Fdry. & Fire Extinguishers)
*Huse Warren D. & Sons (Knitting Machinery)
*†§Laconia Car Co. (See Boston, Mass.)
*†McGloughlin Iron & Brass Fdry. Co.
§Wood Colvin
LAKEPORT—*Bickford H. & Co. (Machine Tools)
*Crane Mfg. Co. (Knitting Machines)
*McDuff Wm. J. (Marine Stationary Engines)
LANCASTER—*†Thompson Mfg. Co.
LEBANON—*Kendrick-Davis Co. (Watchmakers' Tools and Electrical Specialties)
MANCHESTER—*†§Amoskeag Mfg. Co.
*Corey Wm. Co. (Knitting Machines, Needles, etc.)
*Lacene Mfg. Co. (Shoe Machy.)
*Leighton Machine Co. (Knitting Machinery)
NASHUA—*American Shearer Mfg. Co. (Sheep Shearing Tools, etc.)
*Flather Mfg. Co. (Gear Cutting Machines & Machine Tools)
†Flather Foundry Co. (Iron Fdrs.)
*Flather & Co. (Machine Tools, etc.)
*†§Highton Wm. & Sons Co. (Warm Air Registers & Aluminum, Brass, Bronze & Grey Iron Castings)
*Improved Paper Machinery Co. (Paper & Pulp Mill Machy.)
*International Paper Box Machine Co. (Paper Box Machy.)
†Nashua Co-Operative Iron Foundry Co.
*Nashua Machine Co. (Machinists)
Nashua Saddlery Hdwe. Co.
*Nashua Steam Press & Boiler Wks. (Power Cloth Presses)
*Rollins Engine Co. (Engines, etc.)
†White Mountain Freezer Co. (Ice Cream Freezers, Light & Heavy Grey Iron Castings, etc.)
NEWFIELDS—†Newfields Iron Fdry.
PENACOOK—*†Concord Axle Co. (Stone Polishing Machy., Axles, Brass Castings, etc.)
§Hoyt Electric Instrument Works (Electrical Instruments)
PETERBORO—*White's Sam'l G. Sons
PORTSMOUTH—*Chadwick & Trefethen (Expanding Reamers, etc.)
†Portsmouth Foundry Co.
ROCHESTER—*†Furnald John C.
*†§Rochester Foundry & Machine Works.
SALMON FALLS—†Somersworth Foundry Co. (Stoves, Ranges, etc.)
SOMERSWORTH—*Brackett, Shaw & Lunt Co. (Gasoline Engines, etc.)
UNION—*§Hamlin E. F. Brass Co.

NEW JERSEY

ALDENE—§*Watson, Stillman Co.
AMPERE—*Crocker-Wheeler Co. (Electric Machy.)
ARLINGTON—*§Lovell F. H. & Co. (Brass & Copper Goods)
*Stiles T. George Co. (R. R. Appliances)
ASBURY PARK—*†§Murphy Foundry & Mfg. Co.
ATLANTIC CITY—*Seashore Machine Wks
BARTLEY—*†Bartley R. C. Co. (Steam Heaters)
*†§Bartley Wm. & Sons (Saw Mill Machy.)
BAYONNE—†§Am. Radiator Co.
*†§Babcock & Wilcox Co. (Water Boilers, Tube Boilers, etc.)
*†§Bayonne Steel Casting Co. (Monel Metal & Steel Castings, etc)
§Bergen Point Brass Fdry.
*Bergen Point Iron Works (Coal & Ore Handling Machinery)
†Clark's Iron Foundry
Elco Co. (Gas Engines, Launches, etc.)
•Electric Launch Co. (Gas Engines, Launches, etc.)
•Electro-Dynamic Co. (Motors)
*Knickerbocker Metallic Bed Co.
Monel Metal Products Corp.
*Safety Insulated Wire & Cable Co. (See New York)
*Texas Co. (See New York)
BELFORD—*Walling Luther
BELLEVILLE—§Delaney Edward
*Dickinson C. W. Jr.
*§Eastwood Wire Mfg. Co. (Iron, Brass & Bronze Castings, Special Machinery, etc.)
*Hoppen J. E. & Sons, 78 Main
See adv index at end of book
Rogers Wire Works, Inc. (Wire Cloth, etc)
Thomson Machine Co. (Bakers, etc.)
BLOOMFIELD.—*Baylis Co. (Carbon Brushes, Gas Regulators, etc.)
§Cadmus Bros.
*Eastern Tool & Mfg. Co., Bloomfield av
*Empire Cream Separator Co. (Cream Separators)
§Ferguson Geo. N.
*§Jenkins Mfg. Co. (Brass & Composition Castings of All Kinds & Plumbers' Brass Goods, etc.)
*Rogers O. A.
Spaulding Chain Corp.
*Sprague Electric Works of Gen'l Electric Co.(See New York City)
•White Ira F. & Son Co.
BOONTON—*Van Duyne Orlin S.
*Whitehead Oscar P.
BORDENTOWN—*†Riverview Iron Works
*Swift Geo. W., Jr. (Paper Box, Envelope & Special Machinery)
BOUND BROOK—*†§Timmis & Clissold
Watson Bros. Machine Co.
BRIDGETON—†Barker Wm.
*§Bridgeton Chandelier Co.
•†Cox & Sons Co. (Engines & Heating Apparatus)
*§Crescent Art Metal Co.
*Ferracute Machine Co. (Sheet Metal Working Machinery, etc)
*Hettinger Engine Co. (Gas & Gasoline Engines, etc.)
BURLINGTON—*†§Devlin Thos. Mfg. Co. (See Philadelphia, Pa.)
†Lindsay John C. & Co.
*†Stuart & Peterson Co. (Enameled Iron Ware, etc.)
*†U. S. Cast Iron Pipe & Fdry. Co. (Cast Iron Pipe.)
CAMDEN—*Acme Staple Co, Ltd. (Staple Machines)
*†Blair Mfg. Co. (Machinists' Tools)
†Camden Forge Co.
*†Camden Foundry Co.
*†Camden Iron Works (Pumping Machinery, etc.)
*Esterbrook Steel Pen Mfg. Co. (Steel Pens)
*Frand Martin J. & Co.
*Hunt C. Howard Pen Co. (Steel Pens)
*Industrial Mfg. Co. (Sewing Machines)
*Lambert & Todd Machine Co.
*Langston Samuel M. Co. (Paper Box Machinery)
Mathis John H. Co. (Ship Builders)
*New Jersey Wire Stitching Machine Co.
*New York Shipbuilding Co. (Iron & Steel Ship Builders)
*Noecker & Ake Shipbuilding Co
*Phoenix Meter Co. (Gas Meters & Appliances)
*Quigley & Dorp (Machinists & Ship Builders)
*Smith & Sinclair Machine Co. (Machinists)
*†Southwark Scale Co. (Scales, etc.)
*Victor Talking Machine Co. (Talking Machines)
CARLSTADT—§Klaber S. & Co. (Bronze Founders)
CARTERET—*†§Wheeler Condenser & Engineering Co. (See New York City) *See adv index at end of book*
CHROME—*†Chrome Steel Works (Chrome Steel & Specialties)
†§U. S. Metals Refining Co.
DOVER—*Dover Boiler Works (Steel Plate Work of All Kinds)
*McKiernan-Terry Drill Co. (See New York City)
*†Richardson & Boynton Co. (Stoves) (See New York City)
§Ulster Iron Works
DUNELLEN—*†§Hall Printing Press Co. (Printing Presses, etc.)
Ransome Concrete Machinery Co.
EAST NEWARK—*†§Hewitt John (Iron, Brass & Aluminum Castings)
EAST ORANGE—*Collinson Joshua
*Simms Magneto Co. (Carbureters)
*†§Smith A. P. Mfg. Co. (Brass & Iron Founders, Tappings Machines, Pipe Cutting Machines, etc.)
EAST TRENTON—De Laval Steam Turbine Co. (Steam Turbines)
EDGEWATER—†Davis Foundry Co.
ELIZABETH — †*Am. Enameling Mfg. Corp.
*American Gas Furnace Co.
*American Swiss File & Tool Co. (See New York City)
*Braunsdorf-Mueller Co. (Tools, etc.)
*†Brown A. & F. Co. (See New York City)
*†Colwell Lead Co. (Plumbers' Supplies) (Office, New York City)
*Elizabeth Mfg. Co. (Bottle Washing Machy.)
*†§Hitchings & Co., Dept H
†§Kluin E. & Sons
*†Moore Bros. Co. (High Grade Grey Iron Castings & Machine Work)
*New Jersey Dry Dock & Transportation Co.
*†§Singer Mfg. Co. (See New York City)
†United States Grate Bar Co.
ELMER—Charlesworth G. A. (Millwright & Machinist)
*Wolbert Chas. W. (Millwright, etc.)
FLEMINGTON—*†§Foran Fdry. & Mfg. Co.
FLORENCE—*†§Florence Iron Works (See Phila., Pa.)
FORT LEE—*Vogel & Franchi (File-Cutting Machines)
FREEHOLD—*†Bawden J. H. & Co.
*Stokes Bros. Mfg. Co. (Rasps, Files, etc.)
GARFIELD—*De Mattia Bros.
GARWOOD—*Bell Electric Motor Co. (Mfrs.)
Continuous Rolling Mills, Inc.
Garwood Bronze & Iron Works (Annealing Boxes, Grey Iron, Brass, Bronze & Aluminum Castings)
*Hall Switch & Signal Co. (R. R. Signals, etc) (See New York City)
GLASSBORO—*†Carnell Wm. & Son
GLOUCESTER CITY—*†Pusey & Jones Co. (Shipbuilders, etc), Pennsylvania & New Jersey Yards
*†Rogers John M. Works (Machinists' Fine Tools, etc)
GRENLOCH—*†§Bateman Mfg. Co. (Agrl. Implements & Light Grey Iron Castings)
GUTTENBERG—Lutz Co.
HACKETTSTOWN—*†§American Sawmill Machinery Co. (Saw Mill Machinery, etc.)
†§Bowers M. B.
†§Torrid Heater Co.
HADDONFIELD—†Reeves S. V. (Stoves, etc.)
HAINESPORT—*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings). (See Brooklyn, N. Y.)
HARRISON—§Allan A. & Son (Brass Fdrs), 6th & Bergen
***CAVAGNARO JOHN J.** (Macaroni, Silk Finishing, Embossing, Celluloid Filter Presses, etc.)
Edison Lamp Works
*General Electric Co.
*Hyatt Roller Bearing Co.
Hall Mfg. Co. (Engineers' Specialties)
*National Hoisting Engine Co. (Hoisting Engines, etc.)
§Osborne, J. K. Mfg. Co.
†*Otis Elevator Co.
†Reuther Bros.
*†§Shriver T. & Co. (Cranes, Presses, Sugar Machinery, etc)
*T. C. M. Mfg. Co.
*Torrance Mfg. Co. (Textile Machy.)
*†§Worthington Pump & Machinery Corp. *See adv index at end of book*
HASBROUCK HEIGHTS—*Olmstead's L. H. Son (Machinist & Power Hack Saws, etc.)
HIGH BRIDGE—*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes). Works, Plainfield, N. J.
*Taylor-Wharton Iron & Steel Co.
HIGHTSTOWN—*†Peppler Thomas (Agrl. Implements)
*Wyckoff Bros.
HOBOKEN—*Autographic Register Co.
*Buchholtz Carl Co. (Wrought Iron & Brass)
*Button Machinery Co. (Button Machinery)
*Consolidated Iron Works (Engines, Machy., etc.)
*†§Elevator Supplies Co. (Brass & Iron Casting)

NEW JERSEY—Hoboken—continued
*†Ferguson F. & Son (Grate Bars, Propeller Wheels, Machinery, Heavy Green Sand, Castings, etc.)
§†Fisher-Sweeney Bronze Co.
*§Fletcher W. & A. Co. (Marine Engines, etc.)
§Flynn Bros.
*†Focht Geo. Sons (Dumping Tubs & Buckets, Castings, etc), 117-119 Adams
*Friedrichs Carl
*Front Drive Motor Co. (Motor Engines)
*Hunter Wm. Machine Co. (Machine Engineers & Machinists)
*Lutz Alois M. (Elec. Fixtures, etc.)
*New Jersey Machine Corp. (Paper Box Machinery)
*†New York Switch & Crossing Co. (Frogs, etc.)
*Nilson-Miller Co. (Special Machinery, Gears & Gasoline Engines, etc.) 1300-1306 Hudson
*†Oltmer Iron Works
*Penna. R. R. Marine Shops, ft 10th
*Schimper Wm. & Co. (Metal Goods of Every Description, Spinners, etc.), 332-338 Ferry & 33 Union sq. W., New York
†Stevens Institute of Technology
*Tidewater Iron Works
*Tietjen & Lang Dry Dock Co (Shipwrights & Machinists)
*†§Union Iron Works (Dump Cars, Tubs, Buckets, Iron & Brass Castings, Coal & Ore Dumping Machinery, etc.)
Tiffany, Hall & Co., Inc. (Electrical), 7th & Adams
*Wagner Chas., 55 Park W
*Wilson Bros.
HOPE—*†Aten Henry F.
IRVINGTON—Atlas Foundry Co. (Grey Iron Castings & Welding Rods), Lyons av & Cort
*†Barnett Oscar Fdry. Co. (Tools & Grey Iron Castings, etc.)
†Barnett Foundry & Machine Co.
†Bierman-Everett Foundry Co. (Grey & Malleable Iron Castings)
Crescent Machine & Engineering Co.
*Horstmann F. W. Co. (Feed Water Heaters)
*Irvington Mfg. Co. (Tools, etc.)
Liberty Machine Tool & Die Co., 1206 S Grove
*Rademacher A. E. (Scales, etc.)
Rafter Machine Co.
JAMESBURG—*†§Pownall F. H. Iron Works
JERSEY CITY—*Ames W. & Co. (Machine Shop for Repairs), Woodward. *See adv index at end of book*
*Barge & Lighter Repair Co. ft of Henderson
†Berthe Albert, 763 Patterson av
*†Boynton Furnace Co. (Iron Fdrs., Ranges & Heaters), Pacific av, op. Bramhall av (See New York City)
*§Brady Brass Co. (Brass Fdrs. & Finishers), 170 14th
*Clute H. C., 380 Wayne
*†Colby E. B. & Co. (Stoves, etc.) Hoboken av
*Corcoran A. J. Inc. (Pumps, Windmills, Tanks & Towers, etc), 745 Jersey av
See adv index at end of book
*Craig James (Glas Engines), Garfield av
*†§Crane Wm. M. Co. (Stoves, Grey Iron & Brass Castings). Garfield av. (See New York City)
*Davis Jas. & Son (Elevators, etc.), 463 Pacific av
*Everlasting Valve Co., West Side av
*†Fagan Iron Works, 14th
Federal-Huber Co., 166 Delaware av
†*Forbes John R.
*Frank & Hedden Co. (Tools, etc.), 183 1st
*Fraser Mfg. Co. (Coffee Roasters & Cleaning Machy.), 573 Henderson
*†Gibson Iron Works Co. (Fdrs. & Machinists, Dumping Grates, etc.), 168 1st
*§Gothberg H. & E. (Brass & Bronze Finishers), 139 Cator av
*†§Griscom-Russell Co., 72 York (See New York)
See adv index at end of book
*Hamill Alex Iron Works (Structural & Ornamental Iron Work), 426 Montgomery
*Hamilton Low Co., 62 Van Winkle av
†Hudson Foundry Co., 173 2nd
*Industrial Machinery Corp., 147 Provost
*Jersey City Machine Co., 113 Plymouth
*†Kellogg M W Co., 117 West Side av. (See New York City)
***KOVEN L. O. & BRO.** (Heavy Sheet Metal Works, etc), 154 Ogden av*
See adv index at end of book
§Krouse Geo. (Heavy Brass & Phosphor Bronze Castings), 150 Morgan
*†McCabe Jas J., 10th. (See New York City)
*McLaughlin Thos., 53 Essex
§Magnus Co., 364 9th
*†Marcy Stove Repair Co., 340 Grove
*†§Mersereau Metal Bed Co., 292 Johnston av
§Murphy Wm. J., 279 10th
*New Jersey Car Spring & Rubber Co. (Car Springs, etc), 91 Brunswick
†New York Foundry Co., Pacific av
†New York Metallic Bedstead Co., 198 Pacific av
Otto William H. Metal Goods Corp., 401 St. Pauls av
Progressive Machine & Tool Co., Inc., 280 Sijer av
*§Schroeder Edw. Lamp Works (Brass Founders & Finishers), 716 Jersey av
*†See A. B., Electric Elevator Co. (Elevators, etc.), Pacific av
*†Smith Theo. & Sons Co. (Machinists & Fdrs.), ft. of Essex
Smith & Dudt
*†Snead & Co. Iron Works (Jigs, Fixtures, Gauges, Special Machinery, Lathe, Planer, Punch Press & Stamping Work, Electric & Acetylene Welding, Baked Enameling & Polishing), 98 Pine
†Spence James, 923 Garfield av
*§Spindler & Deringer (Machine Work & Brass Foundry, Valve Work a Specialty), 243 Mercer
*Standard Motor Construction Co. (Marine Gas & Oil Engines), 180 Whiton
*†Steele & Condict (Rock Crusher Parts, Castings & Refrigerating Machines), 74 Pearl
†West Bergen Iron Fdry. (Powell Bros., Props.), 21 Pollack av
§Williams E A & Son (Brass & Bell Founders), 109 Plymouth
KEARNEY—†Riverside Steel Casting Co. (Crucible & Vanadium Steel Castings)
*Tait Geo. W.
KENILWORTH — *American Circular Loom Co.
LAMBERTVILLE—*Kugler Layton T.
*†§Lambertville Iron & Steel Co. (Grey Iron, Brass & Composition Castings & Machinists)
LODI—*United Piece Dye Works (Machine Shop for Their Own Use)
LYNDHURST — *§Leslie Co. (Pressure Regulators, Brass & Bronze Castings, etc.)
MADISON—†Force, C. C. & Son
MAHWAH—*†American Brake Shoe & Foundry Co. (Grey Iron Castings, etc.) (See New York City)
MATAWAN—*†§Matawan Steel & Iron Co.
§Munning-A. P. & Co. (Dynamo Mfrs., etc.)
METUCHEN—*Borgfeldt Brass Co. (Cigar Machy)
*Borgfeldt N. H. & Co. (Cigar Machy.)
MILLINGTON—*Nash Duane H. (Harrows)
MILLVILLE—†Madden & Gaskill
†Tyler D. D.
MORRISTOWN—*Dutton Willis H.
NAUGHRIGHT—†*Hopler Bros.
NEWARK—†Acid Proof Iron Products Co.
*Albee H. M. & Son (Hatters' Machy.), 201 Sussex av
*Almond David (Hat & Fur Machy.), 88 Warren
*§Aluminum Goods Mfg. Co., 520 Belmont
*§American Aluminum Ware Co., 374 Jeliff av
*§American Hame & Bit Co., 59 N. J. R. R. av
*American Transformer Co (Electrical Specialties), 178-182 Emmet
*Anderson Geo. & Co. (Diamond Cutting Machines), 8 Orange
§Art Castings Works, 104 Verona
§Art Metal Works (Bronzes, etc.), 7 Mulberry
*Automatic Weighing Machine Co. (Mfrs). 138 Commerce
*Backus Water Motor Co. (Gas Engines, Water Motors, etc.), 172 Penna av
*Bailey Wm J. (Jewelers' Tools, Dies, etc.), 401 Mulberry
*†Barlow Foundry Co., 551 N. J. R. R. av
*Behrendt Herman F. 22 Green
†Birdsall W. A. & Co. (Heaters) 44 Mechanic. Works: Collegeville, Pa.
†Bless & Drake, 175 N. J. R. R. av
*Bowen G. F. Mach. Co., Inc.), 24 Scott
*§Brabson Bros. (Saddlery Hardware) 47 Hamilton
§Brass Founders' Supply Co. (Brass Molds, etc), Wilson av
*§Breeze Carburetor Co., 250 South
*Brooks E. J. & Co. (Inc.), N 13th (See New York City)
*Buermann August Mfg. Co. (Saddlery, Hdw., etc.), 220 Jeliff av
†Burns Iron Works, 201 Commerce
§Bushauer Peter (Brass Fdry.), 261 Elm
*†Central Foundry Co., Lockwood (See New York City)
*Chapman W. H. (Machinists), 227 Mulberry
*Chase Edw O. (Fine Machys), 171 Washington
*†Clark Jas. T. Co. (Edge Tools, etc.), 70 Adams
*Climax Co. (Locks, Latches, etc.), 275 Passaic
*†Currier Cyrus & Sons (Leather Machy., etc), 365 Market
*De Camp & Sloan, Inc. Special Machy.), 168 Pengton
*Delany D. & Son (Carriage & Wagon Springs, etc.), Hamilton
Diamond Tool & Mfg. Co., Inc., 97 Runyon
*Diffany & Co. (Jewelers' Dies, etc), 436 Mulberry
*†Drake W. H. Co. (Heaters, etc.), 36 Clinton
*Ellis Adding Typewriter Co. (Typewriters), 338 Elizabeth av
*Emory Robt. J. Co. (Machinists), 27 Runyon
*†Essex Fdy., Murray
*†§Foster Engineering Co. (Steam & Engineers' Specialties, etc), 109 Monroe
*§Gamon Meter Co. (Water Meters), 282 South
†Goeller H. R. (Builders' Iron Work), 406 Frelinghuysen av
§Goldsmith C. A. (Brass Fdry), 270 Thames
*†Gould & Eberhardt (High Class Machine Tools), 97 N. J. R. R. av
*§Gould's M. Son & Co. (Brass Goods, etc.), 115 Lafayette
§Griffoul August & Bros. Co., 282 Chestnut
*Groch Max, 41 Av L
§Hanson & Van Winkle Co. (Platers' Machinery & Supplies), 269 Oliver
*Hartig Standard Gas Engine Co., 69 Commercial
*†Hay Foundry & Iron Works (Builders' Castings & Iron Works), Plum Point lane
*Healy Geo., 11 Alling
*Hebb Geo. A. (Springs), 70 William
§Hedges & Bro. (Brass Castings & Finishers & Plumbers' Brass Goods), 10 R. R. pl.
*Heller Bros. Co. (Tools, Files, etc.), 879 Mt. Prospect av
*†§Hewes & Phillips Iron Works (Corliss Engines & Iron & Brass Castings), 8 Orange
§Hewitt Bearing Metal Co., Inc., 209 Berkeley av
†§ Hewitt F'dy Co., John
*Huebel Mfg. Co. (Padlocks, etc.), 103 Monroe
*Humana Company, 56 Summer av
*Hygrade Engng. Co., 391 Mulberry
*†Isbell-Porter Co., 46 Bridge
*§Jost's Edmunds Sons, 58 1st
*Klaus & Co. (Machinists), 541 Ferry
*Lambert Hoisting Engine Co. (Hoisting Engines & Hoisting Machinery, etc), 117 Poinier
*La Vergne Pump Co. (Power Pumps, etc), 284 N 5th.
§Lawrence L. & Co., 292 Halsey
*Leiman Bros., 160 Christie av
*Lowentraut P. Mfg. Co. (Skates, Tools, etc.), 36 Bruen
*Loy & Nawrath Co. (Sheet Metal Working Machinery), 25 Runyon
†Maher & Flockhart (Iron Fdrs.), 76 Polk
*†Maher's Edward Sons, 216 Berlin
*Marx-Winkler Co., 473 Washington
†Meeker Foundry Co. (Malleable & Grey Iron Castings), 95 Clay
*Meisselbach-Catucci Mfg. Co. (Machine Tools), 56 Stanton
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*Millington & Bradshaw (Tools & Machy.), 69 N. J. R. R. av
*Monitor Boat and Engine Co., 215 Summit
*Morgan Edward (Special Machinery), 35 Vesey
†Morrison Foundry Co., 111 Gotthart
*Muller Fred (Hat Machy.), 214 Lackawanna av
*Mundy J. S. Hoisting Engine Co. (Hoisting Engines, etc), 722 Frelinghuysen av
*National Lock Washer Co. (Lock Washers, etc.), 65 Johnson
*National Mfg. & Steel Supply Co. (Sheet Steel Products, etc), 781 Summit
*§Newark Brass Works (Machy., Trunk Mfrs.' Machy., etc.), 22 Lawrence
*Newark Gas Engine and Mfg. Co. (Gas Engines), 676 N 6th
*Newark Leather Machinery Co. (Leather Working Machinery), 127 N. J. R. R. av
*Noble & Hunt (Machinists), 359 Mulberry
*Ohl Geo. A. & Co. (Sheet Metal Working Machy., Trunk Mfrs.' Mach., etc), 159 Oraton
*Oko Machine Shop Inc., 65 Bridge
Osborne C. S. & Co. (Harnessmakers' Tools, etc), Box 183
See adv index at end of book
Oxweld Acetylene Co., 640 Frelinghuysen av
*†Pfaff & Kendall (Pipe Cutting & Threading Machines, Nipples, Columns, etc), 655 Ferry
*§Phoenix Lock Works (Locks, etc.), 3rd av
*Plumb David S. (Clock Movements), 73 Norfolk, nr. Central av
See adv index at end of book
*Positive Lock Washer Co. (Lock Washers, etc.), Ave A
§Redlinghouse J.

§Reinbold Jos. Bronze Co. (Bronze Founders)
*§Riley-Klotz Mfg. Co. (Metal Goods, etc.), 17 Mulberry
†Riverside Mfg. Co. (Furnace Regulators & Heating Specialties), 162 Riverside av
*Ruesch H. J. Machine Co. (Jewelers' & Silversmiths' Machy., etc.), 407 Mulberry
†Sacks Louis (Grey Iron Castings), Wilson av
*Sayre L. A. Co. (Tools, etc), 332 Mulberry
§Schueler T. & Co., 48 19th av
§Shaw Bros., 43 Hermon
*Skinner & Leary Co. (Engineers & Machinists), 19 Com'l
*Sloan & Chase Mfg. Co. (Precision Machy.), 351 Sixth av
†Smith Albert Sons (Iron Railing, etc), 73 N. J. R. R. av
*Steffens Amberg Co., 262 Morris av
*Storm Mfg. Co., 50 Vesey
Sun Typewriter Co. (Typewriters), 50 Columbia
*†§Thatcher Furnace Co., 36 St. Francis. (See New York City)
*Tirrill's Gas Machine Co., 69 Commercial. (See New York City)
*†Traud Alex. Co. (Castings & Embossing Presses, etc.), 5 Maine
*Tucker C. F. & Co. (Tool Makers), 93 Green
*†§Turner Machine Co. (Iron & Brass Fdrs. & Special Machy.), 28 Eagles
*Universal Tobacco Machine Co., 98 Murray
*†Watts-Campbell Co. (Corliss Engines & Iron & Brass Castings), 298 Ogden
*§Wheaton A. W. Brass Works (Brass Fdrs. & Finishers), 110 Walnut
§Wiener-Barnet Co., 328 Adams
*Wright L. Machine Works, 9 Alling
*Zeh & Hahnemann Co. (Presses, Dies, etc.), Vanderpool
§Zusi Edward, 78 Mechanic
§Zusi Edw. A. (Brass Foundry), 101 Monroe

NEW BRUNSWICK—*†Brunswick Refrigerating Co. (Ice Making Machy.)
*Consolidated Fruit Jar Co. (Metal Specialties)
*Crawford Mfg. Co. (Machinery Parts)
*†§Marine Mfg. & Supply Co. (See New York City)
Metallic Gasket Co.
*Neverslip Works, The (Toe Calks & Pliers)
*†§New Brunswick Iron Works (Brass & Iron Castings, Forgings, Builders' Iron Works, Patternmakers)
*Potter Fred J. (Motors, etc.)
*†Waldron Jno. Co. (Machinery & Castings)

NEWTON—*Farrell Jno. (Hay Forks)

NUTLEY—*New York Continental Jewell Filtration Co. (Water Filters, etc)

ORANGE—*Bates Mfg. Co. (Automatic Numbering Machines, etc.)
*Edison Phonograph Works, Inc. (Phonographs, Dictating Machines, etc.)
*Edison Thomas A. (Inc.) (Talking Machines)
†N. J. Fdy. Co.
*Orange Machine & Mfg. Co. (Machinists)
*Townsend S. P. & Co. (Lawn Mowers)

PASSAIC—*Antoine & Son
†Binns Henry (Iron Fdry.)
*Botany Worsted Mills (Machine Shop for their own use)
*De Vries Bros. (Jobbing Machinists)
*†§Eagle Iron & Brass Foundry (Inc.)
*Lyall J. & W. (Textile Machy., Looms, etc.)
*Magor Car Co. (See New York)
*Novelty Iron Works
*Richardson Scale Co. (Scales)
*†Robins Conveying Belt Co. (Conveying Machinery & Hoisting)
†Schmidt J. G.

PATERSON—*†§American Locomotive Co. (Locomotives.) (See New York City)
*§Asbell S. J. Co. (Plumbers' Brass Goods)
*Atherton Machine Co.
†Barker Fred (Iron Fdrs.)
*Bogert-Carlough Co.
*Buckley's B. Son (Textile Machinery)
*†§Bucyrus Co. (See South Milwaukee, Wis.)
§Casson Robert H.
*†Eastwood Benj. Co. (Textile Machy., Shafting, Pulleys & Hangers, Iron & Brass Castings, etc.)
*Finigan Zabriskie Co.
*Hakemeyer Machine Co. (Textile Machinery)
†Hilton Samuel
*Hindley E. B. & Co. (Silk Machy.)
*Johnson-Van Vlaanderen Machine Co.
*King & Gerber Co. (Machinists)
*Knapp C. H. (Textile Machy., etc.)
*†§McNab & Harlin Mfg. Co. (See New York City)
*Morrison Jas. L. Machine Co.
*Paterson Foundry Co. (Grey Iron Castings)
*Royle John & Sons (Photo Engraving, Rubber & Textile Machinery, etc.)
*Sipp Machine Co. (Silk Machinery, Gas Engines, etc.)
§Taylor Robt. & Son (Brass Fdry.)
*Terhune J. I. Machine Works (Silk & Velvet Finishing Machy., etc)
*Vreeland Chas. & Co.
*†Watson Machine Co. (Cordage & Silk Mill Machinery, Castings, etc.)
*Widmer Bros. (Silk Ribbon Machinery)
*Wood Drill Works (Rock Drills)

PAULSBORO—*Cox I. G. & Bro. (Agrl. Implements, etc.)

PENNSGROVE—*Homan Vandever S. (Gasoline Engines)

PERTH AMBOY—§*Chemical Pump & Valve Co.
*Hoyt Metal Co.
†Marcy Stove Repair Co. (Stove Repairers) (See New York City)
*Perth Amboy Dry Dock Co.
*†§Perth Amboy Foundry & Machine Co.
*†§Raritan Copper Works
*Raritan Dry Dock Co.
§*Sibley & Pitman
*†§Schantz & Eckert (Machy. Builders)
*†§White Patrick & Sons

PHILLIPSBURG — *†§Ingersoll-Rand Co. (See New York City)
See adv index at end of book
*Tippett & Wood
*†Warren Foundry & Machine Co. (Cast Iron Pipe & Water Works Specialties)

PLAINFIELD— Accurate Engineering Co., 150 E 4th
British American Metals Co.
*International Motor Co. (See New York)
*Laing Machine Auto Repair Co.
*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes.) Works: High Bridge, N. J.
National Vitaphone Corp.
*†Niles-Bement-Pond Co. (See New York City)
§Plainfield Brass Fdry.
*†§Scott Walter & Co. (Printing Presses, etc.)
Wood Newspaper Machinery Corp.

POTTERSVILLE—*†§Excel Mfg. Co. (Grinding Mill, Crushers & Pulverizers & Iron Castings)

RAHWAY—Regina Co.

RARITAN—*†§Kenyon D. R. & Son (Textile Machinery)

RIEGELSVILLE—Taylor, Stiles & Co. (Rag Cutting Machines, etc.)

RIVERSIDE—†Riverside Metal Co. (Castings of Phospher, Bronze, White Metal, etc.)

ROCKAWAY—*†§Hoagland's M. Sons Co.

ROSELLE PARK—*Shedd Electric Co. (Motors, etc)
*§Watson-Stillman Co. (Hydraulic Machinery.) (See New York City)

RUTHERFORD—*†§Fuchs & Lang Mfg. Co. (See New York City)

SADDLE RIVER—†Packer W. H.

SALEM—*Ayars Machine Co. (Canning & Can Making Machinery, etc.)
*†§Salem Brass & Iron Mfg. Co.

SAYREVILLE—†§*Sayre & Fisher

SMITHVILLE—*†§Smith H. B. Machine Co. (Wood Working Machy., etc.)

SOMERVILLE—*†Somerville Iron Works (Cast Iron Soil Pipe)
*†Somerville Stove Works (Stove Manufacturers)

SOUTH RIVER—*Kelsh Henry

TOWN OF UNION—*Haas G. M.

TRENTON—*Auer John B.
*Baker Wm. H. (Rubber Mill Machy., etc.)
*Barbour Bros. (Dies, etc.)
*†§Billingham Brass Machine Co.
*Butterworth Wm. H.
*†§Crossley Machine Co. (Pottery, Tile & Clay Machinery), State and Chestnut av
*Darling C. Harry
East Trenton Machine Co.
*†Fisher & Norris (Anvils, etc.)
*Freeman E. H. Electric Co. (Electric Specialties)
*Ivens Wm. H. Sons Co. (Pottery, Mattress & Spring Bed Machinery), P. O. Box 647
*Logan Edw. Machine Co. (Pottery & Special Machinery)
*†§McFarland Foundry & Machine Co. (Grey Iron Castings & Repairs)
*†Mackenzie's Duncan Sons Co. (Steam Engines, Heavy Machinery, etc)
*†§Mott J. L. Iron Wks.
*Mueller Machine Co.
*Mueller Machine Co. (Clay & Tile Machy.)
*†National Radiator Co. (See Johnstown, Pa.)
†New England Steel Casting Co.
*Reeves-Cubberley Engine Co. (Gas Engines)
*§Roebling's Jno. A. Sons Co.
See adv index at end of book
†§*Skillman Hdwe. Mfg. Co.
*Spracklin Boiler & Machine Co.
*Stahl H. E. (Machinist)
*Sutphin Elmer E.
*†Thropp Wm. R. & Sons Co. (Rubber Machinery, etc.)
*†§Thropp's John E. Sons Co. (Marine Engines, Rubber Mill Machy, Pottery Machy, Cement Machy, Grey Iron Castings, ft. of Lewis
*§Trenton Brass & Machine Co. (Plumbers' Brass Goods)
*Trenton Engineering Co. (Marine Gasoline Engines)
*†§Trenton Malleable Iron Co. (Aluminum, Brass, Grey & Malleable Iron)
*†§Watson John & Sons Co. (Axles & Machinists, etc.)
Watson Wm. Machine Co.

UNION HILL—*Haas G. M. Structural Steel & Ornamental Iron Works

VINELAND—*Blaisdell Machine Works (Tools)
*Gage Tool Co. (Tools)
*Sawyer E. H. Machine Works
§Weaber & Son Adam
*†§Williams Foundry Co.

WESTFIELD—Harris-Clark Co.
Paramount Mfg. Co.

WEST HOBOKEN—*Calvano S. Iron Wks.

WEST NEW YORK—*Herman Iron Wks.
*Selbach-Meyer Co.

WHARTON—†Downs & Slater

WOODBINE—*Bayard M. L. & Co. (Tools, etc.)

WOODSTOWN—*Knowles Adam
*Peterson & Loveland

NEW MEXICO.

ALBUQUERQUE—*†§Albuquerque Foundry & Machine Works
†§National Foundry Co.

NEW YORK.

ADAMS—*Frazer Bros. Co. (Marine Engines)

ADDISON—†§*Chatfield E. S.

AKRON—†*Akron Fdry.
*Martin Bros.
*†Thayer A. T.

ALBANY—†§Albany Brass Foundry
*†Albany Car Wheel Co. (Car Wheels)
Albany Foundry Co.
*Albany Machine & Tool Co.
†Albany Malleable Iron Co. (Malleable Iron & Semi-Steel Castings)
*§Albany Steam Trap Co. (Steam Traps, Aluminum Castings, Finishing & Plating, etc.)
*Brohm & Molitor (Files, etc), 257 S Pearl
*Burdick & Son (Stove Specialties, Dies, etc.)
§Conlon Wm. J.
*§Consolidated Car Heating Co. (Car Heaters, etc.)
*§Cox Brass Mfg. Co. (Brass & Bronze Castings)
*†Federal Signal Co. (Railway Signals & Switches)
§Fitz Gerald John L. (Brass & Composition Castings, etc)
*†§Gaynor P. F.
Gold Coin Stove & Fdry. Co. (Iron Foundry)
*Kelly L. J. Mfg. Co. (Lifting Jacks, Windlasses, etc.)
*Kemp Jas. N. Machine Works (Grinding & Polishing Machinery, etc.)
*†McKinley Jas. & Son (Builders' Iron Work, etc.)
*Nicholson Aaron (General Jobbing)
*†§Rathbone, Sard & Co. (Stoves)
*Skinner & Arnold (Steam Engines, etc.)
*Stevenson & Leonard Machine Co.
*†§Thacher Geo. H. & Co. (Fuel Economizers, Grate Bars, Grey Iron Castings, etc.)
*†Townsend Foundry & Mach. Shop Co. (Light & Heavy Mach'y, Castings, Paper Mach., etc), Broadway & Rensselaer
See adv index at end of book
*Van Nouhuys Machine Works,

ALEXANDRIA BAY—*Tassey Lewis

ALFRED—*Rogers Machine Tool Co. (Boring & Turning Mills)

AMBER—*Kinyon Willis
*†Newman A.

AMSTERDAM—*†§Inman Mfg. Co. (Paper Box Mach'y.)
*MacCordy Button Machine Co. (Button Mach'y, etc.)
*†§Perkins Foundry Co.
†§* Schmidt Edw. L.
*Shuler W. S., Spring Co. (Springs, etc.)
*Union Special Machine Co. (See Chicago, Ill.)

ANDES—†*Miller Thos. S.

ANGOLA—*Emblem Mfg. Co. (Bicycles)

ATHENS—*†§Athens Fdy. & Mach. Shop Co.
†Travis D. W. Sons

ATTICA—*Glor Bros. & Willis Mfg. Co.
*†Westinghouse Machine Co. (See East Pittsburg, Pa.)

AUBURN—*Auburn Ignition Mfg. Co. (Machine & Punch Works)
Bowen Products Corp., Auburn Div. (Machine Screw Work & Oiling Devices, etc.), 357 Canal.
*†Clapp E. D. Mfg. Co. (Carriage Hdw., etc), 300 Genesee
*Columbian Rope Co. (For Own Use Only), 3050 Genesee
*Eccles Richard Co. (Drop Forgings, Carriage, etc.)
*§Enterprise Foundry Co.
*Henry & Allen (Machine Knives, etc.)
*†McIntosh & Seymour Corp. (Marine Engines, etc.)

NEW YORK—Auburn—continued
*Quick & Thomas Co. (Threshers, etc.)
*Wadsworth David & Son (Scythes, etc.)
AVON—*†§Champion Drill Co. (Grain Drills, Cultivators, etc.)
BAINBRIDGE—*American Separator Co. (Cream Separators)
BALLSTON SPA — *†§Davison-Namack Foundry Co. (Brass & Grey Iron & Semi-Steel Castings)
*Lackawanna Mfg. Co. (Gasoline Engines)
BATAVIA—*Baker Gun & Forging Co. (Shot Guns, Auto Parts, etc.)
*Batavia Clamp Co. (Clamps, etc.)
*Batavia Machine Co.
*†§Massey Harris Harvester Co. (Agrl. Implements)
*†§Wiard Plow Co. (Plows & Agrl. Implts.)
BEACON—†§*Dutchess Tool Co.
*†§Green Fuel Economizer Co. (Fuel Economizers, Blowers, etc.)
BERGEN — *§Miller Orville J. (Brass Fdry.)
BINGHAMTON—*American Fork & Hoe Co. (Forks, Hoes, etc.) (See Cleveland, O.)
*†Bowers L. M. & Co. (Anchors, etc)
*Canfield Gas Engine Co. (Gas Engines)
*Deyo-Macy Engine Co. (Gas Engines, etc)
*Doolittle L. G. (Flue Cleaners)
§Empire Brass Fdry.
†§*Fairbanks Co.
*Gaylord & Eitapenc Co. (Machinists, etc)
*Heath Robt. (Machinist)
*†§Jones of Binghamton, Inc. (Scales, etc.)
*Marvin Electric Drill Co. (Electric Drills, etc.)
*Remington Typewriter Co. (See New York City)
*†Shapley & Wells (Steam Engines, etc.)
*Sharp W. M. Mfg. Co. (Dental Machy., etc.)
*†Stow Mfg. Co., Inc. (Flexible Shafts & Electric Motors & Portable Electric Tools, etc.)
See adv index at end of book
*Titchener E. H. & Co. (Wire Gds.)
BOLIVAR—*Beatty & Jordan (Machinists)
*†McDonell & Brannen
BRASHER FALLS — *†§Kennehan P. E. Son & Co.
BUFFALO—*Acme Pattern & Machine Co.
*Acme Steel & Malleable Iron Works (Steel & Malleable Iron Castings), 245 Military rd
*Addressing Machine Co. (Tag Addressing Machines)
*Aldrich Mfg. Co. (Copper & Brass Goods)
Aluminum Mfrs., Inc., Dept H
†American Brake Shoe & Foundry Co. (See New York City)
§American Bronze Co. (Aluminum & Bronze)
*†American Car & Foundry Co. (See St. Louis, Mo.)
*†American Radiator Co. (See Chicago, Ill.)
†American Seating Co. (See Chicago, Ill.)
*American Shading Machine Co. (Shading Machines), 693 Main
*Arrow Tool Co. (Wrenches), 800H Kensington av
†Atlas Steel Casting Co. (Steel Castings)
*Augustine Automatic Rotary Engine Co.
*Automatic Buffing Machine Co.
†Barber Asphalt Paving Co. (Steam Road Asphalt Machy. & Tools, etc.), E Delavan av & Belt Line
*†Barcalo Mfg. Co. (Brass & Iron Bedsteads)
§*Bausch & Lomb Optical Co.
*Bergman Tool Mfg. Co.
†Bingham & Taylor, Ellicott Sq.
†Brown Car Wheel Works (Mfrs.), 466 Howard
*Bryant O. & Sons (Radiator & Special Machinery), 1407 West av
*Buffalo Bolt Co.
*Buffalo Brake Beam Co. (See New York City)
§*Buffalo Brass Fdry.
†Buffalo Car Wheel Foundry Co., Dun bldg
*†Buffalo Co-operative Stove Co. (Grey Iron Castings, Stoves, etc.)
*Buffalo Dry Dock Co. (Shipbuilders)
*Buffalo Engine Co. (Fertilizer & Garbage Disposal Machinery)
*†Buffalo Forge Co. (Engines, Blowers, etc.)
*†§BUFFALO FOUNDRY & MACHINE CO. (Grey Iron & Steel Castings up to 200 tons; Steam Hammers, Drying Machinery, etc), 65 Winchester av
See adv index at end of book
*Buffalo Gasoline Motor Co. (Gasoline Marine Engines, etc.)
*Buffalo Gear & Pattern Works, 18 Elk
*Buffalo Machine Mfg. Co. (Jewellers' Machinery)
§Buffalo Mfg. Co.
*§BUFFALO METER CO. (Water-Meters), 2921 Main
See adv index at end of book
*†§Buffalo Pitts Co. (Engines, etc.)
*†§Buffalo Scale Co. (Inc.), 1205 Niagara
*Buffalo Specialty Co., 375 Ellicott
*†§Buffalo Steam Pump Co. (Steam Pumps, etc) Works: N. Tonawanda, N. Y.
*Buffalo Structural Steel Co.
*Cary Safe Co. (Safes & Locks)
*§Case W. A. & Sons Mfg. Co. (Plbrs' & Steam Fitters' Castings, etc.)
†Century Iron Co. (Grey Iron), 1453 Niagara
†Contractors Casting & Machine Co., 743 Hertel av
*Crandall Can Filler Machine Co.
*Crowell D. J., 61 Terrace
Curtiss Aeroplane & Motor Corp., 1972 Elmwood
*Deck Brothers (Brass Founders, etc.),
†De Laney Forge & Iron Co., 300 Perry
*Devine J. P. Co. (Drying Drums, etc.)
*Diamond Saw & Stamping Works (Emery Wheel Dressers, etc), 357 7th *See adv index at end of book*
§*Dorries & Sons F.
*Double Truss Cornice Brake Co. (Sheet Metal Working Machinery)
*Driscoll & Fletcher (Printing Presses, etc), 75 Ellicott
*Dunn Machine Co. (Machinists)
*Eastman Machine Co. (Cloth Cutting Machines), 779 Washington
*Elsenhans Machine Works (Printers' Machinists & Special Mach.), 899 Main
*Empire Machine & Stamping Co. (Presses, Dies & Special Machy.), 59 Terrace
*†Ernst's Chas. F. Sons (Grey Iron & Builders' Castings)
*Ernst C. K.
*Excelsior Steel Ball Co., P. O. Box 52
See adv index at end of book
*Farnham Mfg. Co., 39 Indiana
*†Farrar & Trefts Inc. (Iron & Semi-Steel Castings, etc.)
See adv index at end of book
*Feine August & Sons Co. (Iron Fdry. & Bldrs, Iron Works), 140 Terrace
Ferguson Steel & Iron Co., Bailey av
*†Fillmore Av. Foundry & Iron Works
*Fisher Machine Tool Co. (Dies & Small Machine Work), 102 B'way
*Ford Bros., 23 Illinois
*§Fries & Co. (Aluminum & Brass Founders & Finishers), 91 Main
*†Frontier Chuck & Tool Co., 30 Letchworth
*Frontier Engine Works (Steam Engines, etc.), 9 Perry
*†Frontier Iron Works (Grey Iron Castings, etc.), 36 Letchworth
†General Castings Corp.
*General Specialty Co. (Boiler Tube Cleaners)
*†Ginther's J. Sons Co. (Iron Founders & Bldrs Iron Work, etc.)
Gray Machine Tool Co., Inc., 2661 Main
Great Lakes Pressed Steel Corp., 1400 Niagara, Buffalo, N. Y.
*Heiser Wm. Sons Co.
*Hession Tiller & Tractor Corp.
†§Hickey Fdry. Co.
*Holmes E. & B. Machinery Co. (Wood Working Machinery)
*†Howard Iron Works (Bolt & Nut Machinery, Pulleys, Vises, etc.)
*Huebner, Bleistein Patents Co., 1200 Niagara
*International Ball & Roller Bearing Co., 1283 Niagara
Jepson John W. Inc., 2665 Main
*Jetter & Co. (Hardware Specialties. Tools, Files, etc.), 861 Jefferson
*†Jewell Steel & Malleable Co. (Malleable Iron & Carbon Steel Castings)
*Jewett & Co. (Stoves, Ranges, etc.)
*Jones Iron Works (Iron Railings, etc.)
*Josef E. E. Mfg. Co. (Brass Finishers, etc.), 14 Perry
*Kelker Blower Co., 2383 Fillmore
*Kelley Electric Machine Co. (Floor Scrubbing, Woodworking Machinery, etc.)
*Keystone Mfg. Co. (Ratchet Drills, Wrenches, etc.)
*†King Iron Works, 226 Ohio
*†King Sewing Machine Co.
*†§Lackawanna Steel Co. (Iron, Steel & Brass Castings & Machine Shop)
*†§Lake Erie Boiler Works (Marine Boilers & Plate Work)
†Lake Erie Foundry Co. (Grey Iron)
†Lawler Iron Works
*Lazier Gas Engine Co. (Gas Engines), 190 Main
*Learman Frank J., 150 Ellicott
*Liesinger R. T. G. (Packing House Machinery), Ellicott sq
*Lippard-Stewart Motor Car Co. (Auto Trucks)
*Lobee Pump & Machy. Co. (Pumps, etc.), East
†Long Grate Bar Co.
*§LUMEN BEARING CO. (Brass, Bronze & Copper Castings, Lumen Bearings, etc), 200 Lathrop
See adv index at end of book
M. S. W. Mfg. Co., 1527 Niagara
*McCarthy Bros. & Ford (Electrical Specialties, etc.)
†McKaig-Hatch Inc., 1590 Niagara
*Manzel Bros. Co. (Automatic Oil Pumps, etc.), 315 Babcock
*Mayer Carbureter Co., 2673 Main
†§Metal & Alloy Specialties Co., Inc., 25 Illinois
§Metal & Alloy Specialties Co., Inc.
*Mey Chain Belt Co. (Chain Belting & Elevating & Conveying Machinery, etc.)
Mollenberg-Betz Machine Co., 110 Washington
*National Brake Co. (Inc.), Ellicott sq
§National Bronze Fdry.
*National Grinding Wheel Co., 2984 Main
*National Welding & Mfg. Co. (Welding)
*†N. Y. Car Wheel Co. (Iron Founders & Car Wheels), Niagara & Forest
§Niagara Brass Mfg. Co., 165 Adams
*†§NIAGARA MACHINE & TOOL WORKS (Iron Founders, Punches, Presses & Sheet Metal Working Machinery, etc.)
See adv index at end of book
*Niagara Motors Corp. (Gasoline Marine Engines), Elliott sq
*Nichols & Wright Motor Co. (Valveless Engines)
*North Buffalo Hardware Foundry Co. (Grey Iron, etc.), 743 Hertel av
*†§Noye Bros. Co. (Flour Mills Machinery)
*Olin Gas Engine Co. (Mfrs.)
*Oliver A. F. Gear & Machine Co., 60 Cherry
*Oliver W. W. Mfg. Co. (Jewelers' Tools & Machinery, etc.), 1483 Niagara
*O'Neil Iron Works, Inc., 268 Perry
†*Otis Elevator Co.
*Peerless Husker Co. (Green Corn Husking Machines), 523 Cornwall
Perfection Machine Works, Inc., 18 Morris
*Phoenix Die Casting Co., 21 Illinois (Die Castings)
*Pierce Cycle Co. (Bicycles), 18 Hanover
*Pierce Wm. B. Co. (Boiler Tube Cleaners), 40 N Division
*†Pohlmann John W. Foundry Co. (Grey Castings, etc.), 205 Baltz av
*§Polson Mfg. Co.
*Pomeroy & Stellrecht, 582 Kensington av
*†§Pratt & Letchworth Co. (Steel & Malleable Iron Castings, etc.)
*Queen City Engineering Co. (Steam Pumps, Engines, etc), 49 Illinois
*Queen City Tool Co., 800H Kensington av
*§Ray Geo. A. Mfg. Co. (Brass & Copper Goods)
*Rice & Adams (Creamery Machy.), Robertson W. Machine & Foundry Co. ("Economy" Hack Saw Machines, Drill Presses, etc.), 56 Rano
*Robers Samuel C. & Co. (Brazing & Excelsior Machinery, etc), 10 Lock
*Ruger J. W. Mfg. Co. (Bakers' Machinery, etc.)
§Schnell Bronze Bearing Co. Inc.
*§Sherwood Mfg. Co. (Brass Fdrs., Engine & Boiler Specialties, etc.), 1709 Elmwood
*Sizer Forge Co. (Crankshafts, Marine Forgings, etc.), 238 Larkin
*Smith's John E. Sons Co. (Tanners' and Butchers' Machinery, etc.)
†Sowers Mfg. Co. (Soap Makers' Machinery), 1320 Niagara
*Spencer Lens Co.
*Squier Geo. L. Mfg. Co. (Plantation Machinery)
*†Standard Foundry Co. (Iron Castings)
*Sterling Engine Co. (Marine Engines, etc.)
*Stoll D. H. Co. (Presses, Shears, Dies, etc.)
†Strong Steel Foundry Co. (Steel Castings)
*Taber Pump Co. (Rotary Brewery Pumps, etc.)
*†§Taylor W. P. Co., Ellicott sq
†*Trout Co., H. G.
§Unique Brass Fdry.
*†U. S. Brake Shoe Co. (Brake Shoes, etc.) Works: Corry, Pa., & Walton, N. Y.
*†U. S. Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
*§U. S. Hame Co. (Steel Hames, etc),
U. S. Headlight Co. (Headlights, etc.),
*Victory Mach. & Lbr. Co., Inc. (Woodworking Machinery)
*Wegner Machine Co. (Ice & Refrigerating Machinery, etc.)
*White L. & I. J. Co. (Edge Tools, Machine Knives, etc.), 120 Columbia
*Whitman Machine Co. (Engines), 178 Ohio
*Wittemann Co. (Brewers' Machinery), 842 Elk
*†§Worthington Pump & Machinery Corp. (Snow Work)
*§Zero Valve & Brass Mfg. Co. (Brass Founders & Finishers)
CALEDONIA—*†Caledonia Bean Harvester Works (Bean Harvesters, etc.)
CAMDEN—†*Hydraulic Turbine Corp.
*Hynes Frank R.

CANANDAIGUA—*Salnave W. A.
CANASTOTA—*†§Cady C. N. Co. (Gasoline Motors)
*Mahan James
*Marvin & Casler Co. (Boring Tools)
*Watson Wagon Co. (Dump Wagons, etc.)
CANTON—*†§Dishaw & Dishaw
CARTHAGE—*†§Carthage Machine Co.
†§*Renaud D. J. & Son
*†Ryther & Pringle Co. (Paper Mill Machinery)
*Wilna Machine Co.
CATO—†Dutton E. Q. & Co. (Agricultural Implements, Plows, etc.)
CATSKILL—*†§Catskill Foundry & Machine Co. (Machinists & Founders, Gears, Pinions, etc.)
CENTRAL BRIDGE—*Campbell S. K. Co. (Threshers, etc.)
CHAMPLAIN—*†§Sheridan Iron Works.
CHARLOTTE—*Morrison H. D.
CHURCHVILLE—†Snyder H. F.
CLAYVILLE—Clayville Fdry. & Mach. Co.
CLYDE—*†Wood S. W. Engine Co. (Portable & Traction Engines & Brass & Iron Castings)
COBLESKILL — *†Harder Mfg. Co. (Threshers, Clover Hullers, etc.)
*†Rickard Ira D.
COHOES—*Beattie Mfg. Co. (Textile Machy.)
*Campbell & Clute Machine Co. (Textile & Knitting Machy.)
*†Cohoes Iron Foundry & Machine Co. (Slashing Machy. & Elevators & Brass & Iron Castings)
*†Cohoes Rolling Mill Co.
*McCreary Edw. (Textile Machinery)
§Rensselaer Valve Co. (See Troy, N. Y.)
§Simcox Jos. H. (Brass & Bronze Castings)
*Union Special Machine Co. (See Chicago)
COLD SPRING—*†DuBois Foundry Co. (Vanadium & other iron Castings)
COPAKE FALLS — †Columbia Plow Works (Plows, etc.)
CORNING—†Corning Fdry. Inc.
*Empire Machine Co.
†*Hood Furnace & Supply Co.
CORTLAND—*†§Cooper Bros.
*†§Cortland Foundry & Machine Co.
*Gooley & Edlund (Milling Machines)
COXSACKIE — *†§American Valve Co. (Valve Mfrs., etc.)
*†Newbury J. G. Iron Works
†Walther Bros.
CROTON FALLS—*Higley Machine Co. (Metal Cutting Off Machines, etc.)
*Juengst Geo. & Sons
DANSVILLE—*Power Specialty Co.
DEPEW—*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings). (See New York City)
*§Magnus Co. (Babbitt Anti-Friction Metals, etc.)
*Railway Steel Spring Co. (See New York City)
DOLGEVILLE—*Menge Wm.
DUNKIRK—*†§American Locomotive Co. (Locomotives). (See New York City)
*Commercial Machine Co. (Cam Shafts), Dept H
†*Continental Heater Co.
*Dunkirk Machine & Boiler Co. (Jobbing, etc.)
*Flesher Chas. H. (Machinist)
*Niagara Motors Corp. (Gasoline Marine Engines
*†United States Radiator Corp. (See Detroit, Mich.)
EAGLE MILLS—†Rowe Henry
EAST AURORA—*†Peek's S. H. Sons (Plows, etc.)
EAST ROCHESTER—East Rochester Iorn Works
*†Ontario Drill Co. (Grain Drills, etc.)
EBENEZER—*Gilfillan F. C. (Gas Regulators)
EDMESTON—*Greene Nelson L. (Est. of)
ELBA—*†Barr Newton L.
ELLENVILLE—*†§Hoyt, Canner & Co. (Castings, etc.)
ELMIRA—*§American La France Fire Engine Co.
*†Elmira Boiler & Iron Works (Jobbing, etc.)
*†Elmira Foundry Co. (Grey Iron Castings, etc.)
*Hilliard Clutch & Machy. Co. (Friction Clutches)
*Horton Machine Works (Basket Mach'y)
*†§Kennedy Valve Mfg. Co. (Valves, Hydrants, Indicator Posts, etc.)
See adv index at end of book
*§Swift Lubricator Co. (Lubricators, Valves, etc.)
*Thomas Chas. (Jobbing)
ENDICOTT—*Bundy Mfg. Co. (Adding Machines)
*International Time Recording Co. of New York (Time Recorders & Time Stamps)
FAYETTEVILLE—*Precision Die Casting Co.
FISHKILL ON THE HUDSON—*†§Dutchess Tool Co.
*Potter-Morgan Mfg. Co. (Spring Brakes, etc.)
FONDA—*Mohawk Machine Shop
FORT PLAIN — *Walrath Alphonso Co.
FRANKFORT—*†Acme Road Machinery Co. (Road Machinery, etc.)
*Pratt Chuck Co. (Chucks, etc.)
FRANKLINVILLE—*Stone F. L.
FREDONIA—*Hammond J. W.
FRIENDSHIP—*†Drake Hdw. Co. (Stoves & Dairy Goods)
FULTON—*†§Dilts Machine Works (Paper & Pulp Mill Machinery, Machine Knives & Castings, etc.)
*Foster Bros. & Chatillon Co. (Edge Tools)
*Hunter Arms Co. (Fire Arms, etc.)
*Hunter Fan & Motor Co. (Water Motors, Fans, etc.)
GASPORT—*Friend Mfg. Co. (Spray Pumps, etc.)
GENEVA—*†Catchpole Boiler Foundry & Machine Co.
*Fay & Bowen Engine Co. (Gasoline Engines, etc.)
*McCarroll W. W.
†§Phillips & Clark Stove Co. (Stove Mfrs.)
†Summit Foundry Co. (Stoves, Ranges & Furnaces)
†*U. S. Radiator Corp.
GLENS FALLS—*†§Dix Chas. B.
*†Glens Falls Portland Cement Co.
†Hopes Combustion Engng. Co.
GLOVERSVILLE — *†Curtin Hebert Co. (Glove Machinery, etc.)
*Corey Machine Co. (Glove & Leather Machinery, etc.)
*†§Steele Mfg. Co.
GOSHEN—*†Newbury J. H. (Cast Iron-Fittings, etc.)
GOUVERNEUR — †§*Johnson Mach. & Tool Co.
GOWANDA — *†§Gowanda Agricultural Works (Agl. Implts., Grey Iron Castings, etc.)
*Moench C. Sons Co. (Repair Work for Tannery, etc.)
*Smallwood W. R. Mfg. Co. (Corrugated Steel Fasteners, etc.)
GRASSY POINT—*§Wiles A. M. & W. H. Co.
GREENE—*§Lyon Iron Works (Fdrs. & Machinists, Feed Cutters, etc.)
§Mosher J. R. (Brass, Bronze & Aluminum Castings)
GREEN ISLAND—*Clifford Jas. J. & Co. (Machinists)
*†Sweet & Doyle Foundry & Machine Co. (Special Machy. & Grey Iron Castings)
GREENPORT—*Gaffga J. S. & Co. (Gasoline Engines)
*Greenport Basin & Construction Co. (Ship & Engine Builders)
*Hedges Samuel P. (Machinist)
*Tuthill & Thorn
GREENWICH—*†§Eddy W., Plow Co. (Plow Mfrs. & Castings)
GREENWOOD—†*Jackson O.
GROTON—†*American Road Machy. Co. Inc.
*Groton Bridge Co.
GUILDERLAND—*†§Guilderland Foundry Co.
GUILFORD—*†§Merchant P. A.
HAMILTON—*†§Graham Dwight
HAMMOND—*†§Evans B. A. (Agt. Implts.)
HANCOCK—†Stimson T. F. (Iron Fdry.)
HASTINGS - ON - HUDSON — †*National Conduit & Cable Co.
HAVERSTRAW—*†Waldron Chas. (Brick Machinery)
HERKIMER—†Herkimer Foundry Co.
*Klock A. B. (Machinist)
*Quackenbush H. M. (Air Rifles, etc)
HILLBURN — *†Ramapo Iron Works (Cars, Castings & General Truck Equipments)
HILLSDALE—†Hillsdale Plow Co.
HONEOYE FALLS—*†Yorks Foundry & Machine Shop
HOOSICK FALLS—*†§ Noble & Wood Machine Co. (Paper Mill Machy.)
*Witham Co. (Paper Mill Machinery)
*†§Wood W. A. Mowing & Reaping Machine Co. (Agricultural Implements, etc.)
HOPEWELL JUNCTION—*Martin Wm. A. (Machinery)
HORNELL—†Davis Fdry. (Inc.)
*Deer A. J. Co. (Coffee Mills, Meat Choppers, etc.)
HORSEHEADS—†§*Reeves Chas. S.
*†Weller Hdw. & Fdry. Co. (Gray Iron Castings)
HUDSON—*†§GIFFORD-WOOD CO. (Ice Handling Machinery, etc.)
†*Mechanical Handler Co.
*†Railway Steel Spring Co. (Car Wheels, Steel Springs, etc.)
HUDSON FALLS—*Hibbard Gas Engine Co.
*†§Sandy Hill Iron & Brass Works (Paper Mill Machy. & Iron & Brass Castings)
ILION—*Dyett Frank J. Co.
*Remington Arms-Union Metallic Cartridge Co.
*†§Remington Typewriter Co.
INTERLAKEN—*Covert Saddlery Works, (Neck Yokes, etc.)
IRVINGTON—†American Abrasive Metal Co.
*†Lord & Burnham Co. (Horticultural Builders & Greenhouse Heating Apparatus). (See New York City)
ITHACA—*Champaign Bros. (Boat Builders)
*†§Godfrey E. E.
*Ithaca Gun Co. (Guns)
*†§Lang J. B Engine & Garage Co.
*†§Morse Chain Co. (Power Transmission Appliances, etc.)
See adv index at end of book
*Shaw M. D.
*†§Williams Bros. (Well Drilling Machinery
JAMESTOWN—*Anderson Bros. (Machinists)
*§Art Metal Construction Co.
*Blackstone Mfg. Co. (Washing Machines)
*Crescent Tool Co. (Special Machinery, Tools, etc.), 200 Harrison
*Curtis Machine Corp. (Furniture Machinery)
*§Eagle Fdry. & Mach. Co. (Fdrs. & Machinists)
§*Ellison Brass Mfg. Co. Inc.
*Gurney Ball Bearing Co.
*Hjorth Wm. & Co. (Wrenches, etc.)
*†§Jamestown Iron Works Co.
*Maddox Machine Co. (Woodworking Machinery)
*†§Maher Patrick (Machinist & Fdry.)
*Rushworth & Son (Machinists)
*§Weber-Knapp Co. (Brass Castings, etc.)
JOHNSON CITY—*Central Flatiron Mfg. Co. (Gas Irons)
JOHNSTOWN—*Camm Geo. E. & Son
*Gustin M. & Son (Glove Dies, etc.)
*†Travis & Oczko
KINGSTON—*Dixon Chas. R. Co.
*Hoysradt & Case (Clothes Pressing & Special Machinery)
*King A. R. Mfg. Co. (Machy., Tools, etc.)
†*Kingston Mach. & Fdry. Co., 82 Prince
*†Lawton Wm (Foundry & Machinist)
*†Long E. G. Co. (See New York City)
*†§Millard Jas. & Son Co. (Brick Machy. & Castings)
*Rice Jacob & Sons
*Universal Road Machinery Co. (Road Making Machinery)
LANCASTER—*†American Malleables Co.
*Lancaster Machine & Knife Works (Bit Braces, Machine & Knife, etc.)
LEONARDSVILLE—†Babcock Mfg. Co. (Agrl. Implements)
LE ROY—*†Le Roy Plow Co. (Plows, etc.)
LESTERSHIRE—†Heath W. A. Machine Co. (Woodworking Machy.)
†Sweet Bros.
LIMA—*Bailey Engine Co. (Bottle Washing Machines, etc.)
LITTLE FALLS—*Cheney Henry Hammer Co. (Hammers, Tools, etc.),
*†Reddy's M. Sons (Castings, etc.)
*Snyder Homer P. Mfg. Co. (Knit. Machy.)
*Stafford & Holt (Knitting Machy.)
LOCKPORT—*Covert Motor Vehicle Co. (Automobile Transmissions)
*†Dussault Foundry Works
§Electric Smelting & Aluminum Co.
*Ferree E. H. Co.
*†§Hall Iron Works
*Harrison Radiator Corp.
*Kolb Edw. (Machine Work)
*Korff F. W. Electric Co.
Lockport Foundries Corp.
*†§McKim Foundry & Machine Co. (Laboratory Machines & Castings)
*†Merritt Mfg. Co. (Wood Working Machy.)
*Niagara Paper Mill (For their own Rprs.)
*Nolan Wm. Co. (Machinist)
*†Richmond Mfg. Co. (Flour Mill Machinery.)
*§Stoddard Union Co.
*Trevor Mfg. Co. (Shingle, Heading, Staves, Handle & Wood Pulp Machinery)
*Western Block Co. (Tackle Blocks, etc.)
LOWVILLE—*†§Fulton Machine & Vise Co. (Power Pumps, Vises, etc.)
Virkler A. G.
LYONS—*†Berns & Schlee
*Nagley Mfg. Co. (Tobacco Planters' Machy., etc.)
MALONE—*†§Hinds Thos. Co. (Stone Polishing & Stone Sawing Machy. & Castings)
MANLIUS—*†Cheney S. & Son (Iron Fdrs.)
*†§Scoville E. U. Co (Stable Fixtures, etc.)
MARATHON—†§*American Road Machy. Co.
*†Livingston Jas. (Machinist & Fdry.)
MATTEAWAN—*†§Green Fuel Economizer Co. (Fuel Economizers, Blowers, etc.)
MECHANICSVILLE—†Eckerson Bedding Co. (Beds)
MEDINA—*†§Bignall Co. (Sinks, Plumbers' Supplies, etc)
*†Central Foundry Co. (See New York City)
Erie Pump & Engine Works ("Erie" Engines & Pumping Machinery), 149 Glenwood av
See adv index at end of book
*†Medina Foundry Co. (Soil Pipe & Fittings)
†*Medina Iron & Brass Co.
*§Medina Stamping & Machine Co.
*†§Swett A. L. Iron Works (Grey Iron Castings, Plumbers' Castings, etc)
MERIDIAN—†Everts Mfg. Co. (Plows, etc.)
MIDDLEPORT—*Lewis E. J. (Canning Machy.)

NEW YORK—Middleport—continued
*Niagara Sprayer Co. (Spraying Machines)
†Sherwood & Snell
*Whittaker F. A.
MIDDLETOWN—*§Coleman, Galen (Castings All Kinds, General Machy., etc.)
*Ideal Wrapping Machine Co.
*Madden & Morrison File Co.
*§Martin Jas. G. (Castings of Every Description)
*Morgans & Wilcox Mfg. Co. (Printing Machinery)
MONROE—*†Newbury Mfg. Co. (Castings & Steam Fittings, etc.)
MONTOUR FALLS—*Montour Steel Co.
*SHEPHARD ELECTRIC CRANE & HOIST CO. (Electric Crane & Hoists, etc.)
See adv index at end of book
MORAVIA—*†Cady Geo. S. & Son (Fdrs.)
MOUNT MORRIS—*Empire Machine Works (Wood Working Machy.)
*†Genesee Valley Mfg. Co. (Grain Drills, Harrows, Corn Shellers, etc.)
MOUNT VERNON — †§Henry-Bonnard Bronze Co.
*Moberg C. J. Inc.
*Peyser-Hansen Machine Co., Dept H
MUNNSVILLE—*†§Munnsville Plow Company
NASSAU—†Grubb & Kosegarten Bros.
NEWARK—Birdsall Engine Co.
NEWBURGH—*†§Abendroth & Root Mfg. Co. (Grey Iron & Brass Castings, Water Tube Boilers, etc.)
See adv index at end of book
*†§Alberger Pump & Condenser Co. (Pumps, Condensers, Engines, Ice Machines & Grey Iron & Brass Castings, etc.). See New York)
†*Coldwell Lawn Mower Co. (Lawn Mowers, etc.)
†*Coldwell-Wilcox Co. (Sugar Machy., Sluice Gates & Iron & Brass Castings, etc.)
§Kimball's S. G. Son (Brass Fdr.)
*†Marvel T. S. Shipbuilding Co.
*†Turl Iron & Car Co. (Sugar Machinery, etc.), 50 Broad, New York
NEW HAMBURG—*†Stuart R J & T H (Compression Wedge Couplings, Castings, etc.)
NEW LISBON—*George M. & R. L. (Steam Engines, etc.)
NEW ROCHELLE—*Vogel R.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—*Acme Die Casting Co., 87 35th
*†§Acme Foundry Co., 308 N Henry
*Acton Jno. (Machinist), 118 John
*Adriance Machine Works, 80 Richards
*Ambrose Machine Co. (Machinists, Metallic Packings, etc), 25 & Eagle
*American Brass Fixture Works (Brass Goods, Railings, etc.), 66 Greenpoint av
†American Casting & Mfg. Corp., 29 Main
*American Krupp System—Diesel Engine Co. (Diesel Oil Engines), 165 Broadway
*American Machine & Foundry Co. (Tobacco Machy.), 5520 2d av
*American Numbering Machine Co., 224 Sheperd av
*American Stopper Co. (Bottlers' Machy.), 19 Verona
*Atlantic Basin Iron Works, 168 Van Brunt
*Atlantic Iron Works, 441 11th av
*†Auer Jno. Jr., 197 Middleton
*Ball Gear & Machine Co. (Gears, Machinery, etc.), 56 Greenpoint av
*Ball & Jewell (Machinists), 24 Franklin
*Bergstrom & Bass (Engrs. & Machinists), 158 2d av
*Blattner Fred'k (Machinist & Millwright), 984 Grand
*§Brass Goods Mfg. Co. (Brass Goods, etc.), 345 Eldert
*Briggs Engineering Co., ft. 24th
*§Brooklyn Brass Wks. (Plumbers' Brass Goods, etc.), 263 Scholes
†§Brooklyn Navy Yard, Sand
*†Brooklyn Vault Light Co. (Vault Light, etc.), 254 Monitor
*†§Brown & Patterson, 33 Marcy av
*Burley Welding Works, 20 Kosciusko
*Burr John T. & Son (Machine Tools, etc.), 429 Kent av
*Cameron Machine Co. (Cloth Cutting Machinery, etc.), 61 Poplar
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*Campbell Jas. F. & Son (Files, etc.), 13 Frost
*Century Pump Co. (Pumps, etc.), 719 6th
*Cevasco, Cavagnaro & Ambrette, 156 6th
*†Chevalier Bros. Co.
*Christoffel's A. Sons (Tube Cleaners, etc.), 277 Eldert
*§Columbia Machine Works & Malleable Iron Co. (Electric Railway Appliances, Grey Iron & Brass Fdry.), Atlantic av & Chestnut
Columbia Foundry Co., Inc., 451 Hicks
*Columbia Mills, Inc. (Machine Shop for Own use), 225 5th av
Cooper Flexible Transmission Co., 8th av & 18th
*§Coyne & Delany Co. (Brass Fdrs., Plumbeers' Specialties, etc.), 832 Kent av
†§Craig Foundry Co. (Iron Castings), 42 Sanford
Crane's T. A. Sons Co. (Erie Basin), ft Columbia
*†§Creamer F. D. & Co., 26 Court
*†§Creamer W. G. & Co., Smith
*Currie J. B. & Son, 72 Adams
*Daley Laundry Machy. Works, 337 Butler
*Deverall Perfection Mfg. Co. (Brass Specialties, etc.), Caton av
*Doig Wm. S. (Est. of) (Box Nailing Machy.), 54 Franklin
†Eagle Iron Works, 850 De Kalb av
*Eggers Wm. J. (Rubber Molds, etc.), 294 Taaffe pl
Eisemann Magneto Corp., 32-33rd
*Ellsworth S. P., 40 S 8th
*Elsesser Michael, ft Court
*Emmerich Fred'k, 365 Flushing av
*Empire Machine Works, Berry
*Faas Chas. R. (Tool Maker), 34 S 6th
*Fanning Josephine P., 678 Jefferson av
*§Fisher A. B. Co., 18 Dunham pl
*Fogarty M. J. (Machinists), 40 Harrison
*Foster Pump Works, Inc., 37 Bridge
*Franklin Machine & Steam Boiler Works (Machinists, etc), 21 Franklin
*†§Fulton Foundry & Machine Co. (Machinists & Iron Fdrs.), 21 Furman
§*Gates Peace & Co., 665 Manhattan av
§*Generator Valve Co., 47 Dinsmore pl
*Gill P. H. & Sons (Forgings, Grain Elevators, Power Transmitting Machinery, etc.), 2 Lorraine
*§Graf Jos. (Brass Finisher), 886 Park av
§Greenpoint Brass Foundry, 38 Franklin
†§Greenpoint Metallic Bed Co., 226 Franklin
*†Guild & Garrison (Pumping & Sugar Machy., etc.), 457 Kent av
*Hall & Hurlbert, ft of 24th
†Halloran Thos. (Iron Fdry.), 890 Metropolitan av
*Hamann Machine Co., 24 Quincy
§Hamilton Robt. & Sons, 56 Water
*Hartley T. (Engineer & Machinist), 75 Delevan
†§*Heclar Iron Works, 118 N 11th
*Henry Engineering Co., 116 27th
*Hibbard W. H. Mfg. Co. (Power Presses, Shears, etc.), 79 Washington
*Holland Frank & Son, 683 Lorimer
*Hoole Machine & Engraving Works (Book Binders' Machinery), 29 Prospect
*Houchin-Aiken Co. (Candle & Soapmakers' Machinery, etc.), 113 53d
*Hubbard's Norman Sons (Vacuum Pump & Veneer Sawing Machines), 265 Water
*Huber Machy. Co. (Soap Machy.), 261 46th
§Huethwohl Louis, 513 Flushing av
*International Postal Supply Co., 634 Prospect pl
*Intertype Corp. (Typesetting Machines), 50 Court
†§*Jackson Co. N. R., 335 Carroll
§Jefferson Brass Fdry., 209 King
*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings), 43 Boerum pl
*Judge Harry W., 236 Pearl
*Kelting Albert J. (Machinist & Engineer), 459 Carroll
*Kent Machine Works, 39 Gold
†Kings County Iron Foundry, Inc. (Sash Weights, etc.), Gardner av & Meserole
*Krantz Mfg. Co. (Electric Instruments), 160 7th
†§Lefferts Chas. A. & Co., 109 2d av
*Lehmann & Schaefer, 321 Palmetto
†Lewis & Egginton, Meserole
*McAdams Jno. & Sons (Paging & Ruling Machines), 978 Kent av
*Marresford Wm. F. (Wallpaper & Bookbinders' Machy.), 56 Pearl
*†Mergenthaler Linotype Co. (Linotype Machines), 24 Ryerson
*Metal Specialty Mfg. Co., 125 Patchen av
*†§Metcalf Saml. (Brass & Iron Fdry.), Seabring
*Metropolitan Iron Fdry., 890 Metropolitan av
*Miller Wm. P. Co. (Bailing Presses), 250 Greene.
*§Mills Wm. J. (Brass & Bronze Fdrs. & Machinists), 25 Bainbridge
*Morse Dry Dock & Repair Co. (Marine Works), ft 56th
*Muistein Jno. Co. (Tools), 211 3d av
*Murcott & Campbell (Files), 296 Union av
*§Murray John A. (Brass Finisher), 112 Front
National Foundry Co. of N. Y., 10 Sanford
*§National Meter Co., 42d & 1st av. (See New York)
*Nebel Martin A. (Cement, Paint Grinding Machy., etc.), 72 Grand av
*New York Gear Works, 56 Greenpoint av
§Nichols Gas Fixture Mfg. Co. (Gas Fixtures), 1100 Myrtle av
*Oakley & Keating (Laundry Machy.), 673 Manhattan av
*Oldham New York Saw Works Inc. (Saws), 112 26th
*Olsen Andrew (Machinist & Boiler Maker), 39 Union
*Paper Working Machines Co. (Paper Working Machy., etc.), Av U
§Paulson Thos. & Son (Brass Castings & Anti-Friction Metals, etc.), 97 2d av
*§Penn Brass & Bronze Works (Brass & Bronze Founders, etc.), 111 Doblin
*Phelan Jos. E. (Brass Finisher), 429 Kent av
*Pioneer Iron Works (Asphalt, Paper Taring Sugar Machinery, etc.), 149 Pioneer
†§Pitz & Weber, 287 Scholes
*Pollard Jos. G. (Tools), 141 Raymond
*Pringle Thos. G. (Machinist), Clay
*Reeve Henry E. (Mechl. Engr. & Machinist), 459 Carroll
*§Reid R. W., 595 Kent av
†§Riley John J. Co. (Iron & Brass Foundry), Van Brunt
Roberts Numbering Machine Co. (Machinists), 706 Jamaica av
*Robertson John & Co. (Lead Pipe Machinery), 133 Water
*Robins Dry Dock & Repair Co. (Marine Repairs), Beard
*Rockwell L. A. Co. (Bakers' Machy., etc.), 430 Smith
§Roman Bronze Works (Bronze Castings only), 275 Greene
Roovers Bros., 100 Schermerhorn, Brooklyn, N. Y.
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ROOVERS BROS.
TYPE EMBOSSING PRESSES
For making Raised Metal, Pattern, Letter and Figure Plates, Name Plates, Labels, Tags, Brands, etc.
100 Schermerhorn St. Brooklyn, N. Y.

*†Ross Chas. & Son Co. (Paint Grinding & Mixing Machy., 148 Classon av
*†Roy Engineering & Iron Works, 51 Otsego
†§Royal Metal Furniture Co., 125 8th
Saladin Louis, 1241 DeKalb av
*Sittmann G. & Sons, 105 Liberty
†§Smith & Loughlin (Iron Fdrs.), Driggs av & N 5th
*§Staats Geo. & Co. (Brass Founders & Finishers), 74 Bayard
†Standard Iron Foundry, 53 Dobbin
*Sterling Brass Polishing Co. (Brass Finishers), 105 Livingston
*Stimpson Edwin B. Co., 68 Franklin av
*§Sweeny W. H. Mfg. Co. (Brassware, etc.), 30 Main
†Taylor & Co. (Machine Molded Castings, etc.), 680 Morgan av
*Tebo Yacht Basin Co. (Marine Repairs), ft. 23d
*Terry & Williamson, 43 Sedgwick
*Thompson-Bonney Co. (Electrical Specialties), 18 Henry
*Thomson Meter Co. (Water Meters), 110 Bridge
*Tickle Arthur, 21 Delevan
§Tighe John J., 150 25th
Twin-O-Matic Machine & Tool Co., Inc., 160 John
*Vierengel Matthew (Machinist), 32 S 6th
†§*U. S. Navy Yard Fdry.
*Ward Geo. H. & Co. (Steam, Hydraulic, Electric & Refrigerating Plants, for Marine Purposes, Engine Repairing, etc.), 78 Delevan
*Warp Twisting-In Machine Co., 260 Van Brunt
*Weisbecker Francis A. & Sons (Polishing Machines, etc.), 22 Frost
*Weiss L. T., 286 Taaffe pl
*Wenstrom's John Sons, 623 Bergen
*Wesel F. Mfg. Co. (Electro & Stereotyping & Photo Engravers' Machinery, etc.), 70 Cranberry
*Whale Creek Iron Works, 245 Huron
*§White J. H. Mfg. Co. (Gas & Electric Light Fixture Parts & Trimmings), 111 N 3d
*Wischerth Mfg. Co., 302 McDougal
*Wittemann Bros. (Bottlers' Machy. & Supplies, etc.), 41 Ferris
*Wright J. K., 390 Smith
*†Wurster F. W. & Co. (Wagon Axles, etc.), 375 Kent av

Boroughs Manhattan and Bronx.

NEW YORK—Abbe Paul O., Inc., 924 Johnston bldg
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Acieral Co. of Amercia, 26 Cortlandt

*§Acme Brass Works (Brass Finishers, etc.), 147 Baxter
*†§Alberger Pump & Condenser Co. (Pumps, Condensers, Engines & Grey Iron & Brass Castings, etc.), 140 Cedar
*Allen Jno. F. Co. (Riveting Machines), 370 Gerard av
*†§Allis-Chalmers Mfg. Co. (See Milwaukee, Wis.), 50 Church
*Allman Gas Engine & Machine Co. (Gas Engines, Ice Breakers, etc.), 461 Canal
Aluminum Casting & Mach. Co., 206 B'way
†American Abrasive Metals Co., 50 Church
*American Air Compressor Works, 26 Cortlandt
*†American Brake Shoe & Foundry Co., 30 Church
§American Brass & Copper Co., 138 Lafayette
§*American Brass Forging Co. Inc., 168 Southern blvd
*†American Bridge Co. (Iron, Steel & Brass Castings), 30 Church
*†§AMERICAN CAR & FOUNDRY CO., 165 Broadway
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†*American Enameling Mfg. Corp., 171 Madison av
Am. Fdry Equipt. Co., 366 Madison av, Dept H
American Huhn Metallic Packing Co., 233 Broadway
*†American Locomotive Co. (Locomotives), 30 Church. Works: Providence, R. I.
*American Malleables Co. (Malleable Iron Castings), 30 Church
*American Meter Co. (Gas Meters & Appliances), 105 W 40th
American Railway Supply Co., 134 Charles
*†American Smelting & Refining Co., 120 B'way
*American Swiss File & Tool Co., 24 John
*American Wringer Co., 99 Chambers. Works: Auburn, N. Y.
*American Writing Machine Co. (Typewriters), 339 B'way
*Arthur Co. (General Machine Works), 188 Front
*Aue Ferdinand Co., 401 E 91st
*Automatic Engraving & Mfg. Co. Inc. (Special Machy), 2033 5th av
*Automatic Sprinkler Co. of Am. (Fire Sprinklers), 123 William
*Automatic Switch Co. (Electric Devices), 4 White
*Ayres Jno. W. & Son, 88 Walker
*†Babcock & Wilcox Co. (Water Tube Boilers & Castings), 85 Liberty
*Ballwood Co., The (Welded Pipe, etc), 30 Church
See adv index at end of book
Baranowitz M (Machinist), 182 Centre
*Bassemir John & Son (Brass Finishers), 87 Frankfort
*Bay Gottfried (Millwright), 537 W 50th
*Bayer-Gardner-Himes Co. (Cabinet Hardware, etc.), 101 Park av
*BEACH-RUSS CO. (Vacuum Pumps & Pressure Blowers, etc.), 50C Church
See adv index at end of book
Beard Machine Co., Inc., 350 Walton av, Dept H
*Bender Ph. J. & Sons (Machinists, Presses, Dies, Tools & Special Machinery), 87 Frankfort
*Benton Mfg. Co. (Registering Machines, etc.), 9 Bethune
*Berggren & Pearson Machine Co. (Model & Experimental Work, Fine Machinery & Tools), 221 Canal
*Blair Tool & Machine Works (Machine Work), 521 Greenwich
*Bogue Chas. J. Electric Co. (Dynamos & Motors), 513 W 29th
*Boucher H. E. Mfg. Co. (Special Machy., etc.), 150 Lafayette
*†Bradley G. W Axe & Tool Mfg Co., 119 Leonard
Brass Goods Mfg. Co., 107 Lafayette
*§Brinkerhoff's J. P. Sons (Brass Fdrs. & Finishers), 57 Dey
*Bromley Merseles Mfg. Co., 1328 B'way
§Bronze Metal Co. (Brass & Bronze Castings, etc.), 30 Church. Works: Meadville, Pa.
*†§Brown A. & F. Co. (Power & Rope Transmitting Machinery, Hangers, Pulleys, etc.), 79 Barclay
Brunswick Marine Construction Corp., 63 Wall
*Buffalo Brake Beam Co. (Brake Beams), 32 Nassau. Works: Buffalo, N. Y.
*Bulasky L. (Hat Machy., etc.), 44 E Houston
*†§CAMERON A. S. STEAM PUMP WORKS (Steam Pumps, etc), 11 Bowling Green bldg
See adv index at end of book
*Campbell & Co., 13 Park Row
*§Cassidy & Co. Inc. (Gas Fixtures), 101 Park av
*†Central Foundry Co. (Cast Iron Pipe & Plumbers' Cast Iron Goods, etc.), 90 West
†Central Iron Works (Iron Fdrs.), 420 E 48th
†Century Mfg. Co. (Gas Stoves), 453 Canal
*Chatham Mach. & Tool Works, Inc., 128 Mott
*Chattillon Jno. & Sons (Hardware Specialties, Scales, etc.), 85 Cliff
CHICAGO PNEUMATIC TOOL CO. (Pneumatic Tools, Air Compressors, etc), 6 E 44th
See adv index at end of book
*Columbia Mills Inc. (Machine Shop for Own Use), 225 5th av
*Columbia Typewriter Mfg. Co. (Typewriters), 37 W 116th
Columbian Bronze Corp., 522-5th av
*Connelly Iron Sponge & Governor Co., 227 Fulton
Consolidated Rolling Mills & Foundries Co., Inc., 25 Broad
*Cook Thos. W. G. (Metal Goods Presses), 83 Walker
Co-Operative Engng. Co. (Brass, Aluminum, Grey & Malleable Iron Castings), 50 Church
§Cory Chas. & Son (Brass Finishers), 290 Hudson
*†Cottrell C. B. & Sons Co., 25 Madison sq. N. (See Westerly, R. I.)
*Coxe Traveling Grate Co., 11 B'way
*Craddock Edw. S., 226 E 144th
*†§Crane Wm. M. Co. (Stoves, Grey Iron Castings, etc.), 16 W 32d. Works: Jersey City, N. J.
§Crown Fdry Co., 173 Grand
*Dale Lighting Fixture Co. (Electric Fixtures, etc.), 107 W 13th
*Dalton Mfg. Corp. (Lathes), 1915 Park av
Davidson M. T. Co. (Steam Pumps), 154 Nassau
*Davis-Warner Arms Corp., 96 Chambers
*Davies & Thomas Co., 120 B'way
*Defiance Button Machine Co., 43 W 24th
*De Hart Mfg. Co., 418-28th
*De Laval Separator Co. (Creamery Machinery), 165 B'way
§De La Vergne Machine Co. (Ice Machines & Oil Engines), 2101H E. 138th
*†Dempsey Michael J., 548 W 55th
*†Dexter Folder Co. (Paper Folding Machines), 200 5th av
*†§Diamond Match Co., 111 B'way
Dobbins Core Drill Co., Inc., 147 W 42nd
*Donnelly, Blanthorn & Co., 526 W 28th
*Dorman Jno. H. (Tapping Attachments, etc.), 1 Bethune
*Dover Boiler Works, Sales Office, 40 Church (Steel Plate Work of All Kinds), Works: Dover, N. J.
See adv index at end of book
*Dowdall Chas. E. (Elevators), 152 W B'way
†Drummond M. J. & Co. (Cast Iron Pipe, etc.), 51 Chambers
*§Dubois F. N. & Co. (Plumbers' Brass Goods, etc.), 247 9th av
*Dudgeon Richard (Hydraulic Jacks, Tube Expanders, Presses & Steam Hammers), 24 Columbia
*Duff & Son, 175 Grand
*Dunne Michael F. (Engineer & Machinist), 223 West
Dunn J Edward Co., 9 Bethune
*Durbrow & Hearne Mfg. Co. (Duplicate Parts, Machinery, etc.), 12 Wooster
§Duriron Castings Co., 90 West
*Eastern Tool & Mach. Co. Inc., 452 W. 148th
*Edwards & Co. (Electric Appliances), Exterior & 140th
*Elterich Chas. Co., 180 Lafayette
*Erlandsen Julius (Matress Machinery, etc.), 172 Centre
*Ermold Edward Co., 656 Hudson
*Errington F. A. (Machine Tool Attachments), 39 Cortlandt
Faw J. H., Inc., 27 Warren
Federal Adding Machine Corp., 251 4th av
*†§Fiske J. W. Iron Works (Iron & Bronze Fdrs.), 111 Park pl
*Ford Thos. P. Co. (Steam Specialties), 407 Broome
*†§Fox Benj. Sons (Brass & Iron Fdrs. & Machinists), 513 W 34th
*†Fuchs & Lang Mfg. Co. (Lithographers' Supplies), 119 W 40th, Foundry, Rutherford, N. J.
*Furman & Fisher Corp., 32 Church
*Fyfe Alex. C. (Machinist), 652 W 44th
§Gallagher's James Sons (Brass Fdrs.), 87 Centre
*Gardam Wm. & Son, 114 Park pl
*Gartelmann Herman & Co., 246 Canal
*Garvin Machine Co. (Machine Tools, etc.), 147 Varick
*Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights
§General Machine Co., 417 E 156th
*Gitzendanner Muller Co. (Repairs), 15 Vandewater
*Glasgow Iron Works & Supply Co., 28 West
§Gorham Co., Architectural Bronze (Brass & Bronze Founders), 5th av & 36th
*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings, etc.), 30 E 42d, Works: Depew, N. Y.
*§Gould-Mersereau Co. (Brass Fdrs. & Finishers), 52 W 38th
*Grabo E. O. Machine Works (Brass Working Machinery), 180 Centre
§Graf Frank H. Mfg. Co., 322 7th av. (fire place fixtures)
*†Graff Furnace Co. (Stoves, Furnaces, etc.), 61 Wooster
§Gramercy Brass & Iron Works (Iron & Brass Fdrs), 615 10th av
*Greenlie-Halliday Co. (Machinists), 499 Water
*Gries Bros. (Hardness Testing & Marking Machines), 450 E 148th
†Grinberg Bros. (Gas & Oil Stoves, etc.), 154 South
*†Griscom-Russell Co. (Coppersmiths, Grey Iron, Brass & Bronze Castings, Forgings, Machinery, etc.), 92 West. *See adv index at end of book*
*Guerin P. E. (Inc.) (Brass & Bronze Goods, etc.), 21 Jane
*Gullberg & Smith (Machinists), 187 Lafayette
*Haiss Geo. Mfg. Co. (Coal Handling Machinery), 141st & Rider av
*Hall Frank A. & Sons (Bedsteads, etc.), 120 Baxter
*Hall Switch & Signal Co. (R. R. Signals), 50 Church, Works: Garwood, N. J.
*Hammond Typewriter Co. (Typewriters), 537 E 69th
*Hankin John & Bro. (Heaters & Machinists), 550 W 25th
Harris Benj. Co., 229 Bowery
§Harper Thomas (Brass Fdrs.), 204 Lafayette
*Hatch F. E. Co. (Paper Box Machinery), 93 Crosby
*†§Henry-Bonnard Bronze Co. (Archi & Ornamental Iron Wks. & Castings), 20 Exchange pl
*Hill's F. J. Sons, 6 Howard
*Himoff Machine Co. (Tobacco Machinery), 50 Church
*Hindle Walter E., 149 Lafayette
†Hinkle Iron Co. (Iron Fdrs.), 534 W 56th
*†Hitchings & Co. (Greenhouse Heating Apparatus & Builders), 1170 Broadway, Works: Elizabeth, N.J.
*†§Hoe R. & Co. (Printing Presses), 504 Grand
*Holgan Bros., 9 Baxter
*Holub-Dusha Co. (Marble Hole Cutting Machinery, etc.), 1799 1st av
*Homan J. & E., 435 W Broadway
*Horton John F., 157th & 8th av
§Hudson Brass Foundry, 352 Pearl
*Hughes-Evans Co., Inc., 502 W 32nd
*Hvass Chas. & Co. (Machinist & Street Sweeping Machines), 511 E 18th
*†§Ingersoll-Rand Co. (Air Compressors, Rock Drills, Mining Machy & Pneumatic Tools, etc.), 11 B'way Works: Phillipsburg, N. J., Easton, Pa., Athens, Pa., & Painted Post, N. Y.
See adv index at end of book
*International Motor Co. (Motor Trucks), 262 W 64th
*†§Jackson Wm. H. Company, 2 W 47th
*§Janusch Mfg. Co. (Fire Place Finishings, Brass Fdry. & Finisher), 496 E 134th
*Jensen O. C., 1922 Park av
*†Johnson Isaac G. & Co. (Steel Castings & Specialties), Spuyten Duyvil
*Johnson & Crowley (Printers' Machinists), 182 Centre
*Jordan Bros. (Elec. Machinery), 74 Beekman
*Judelshon Oscar L., 36 E 8th
*Kar Engng. Co. Inc., 79 E 130th
*Katzenstein Leopold & Co. (Metallic Packing), 358 West
§Keil Francis & Son (Builders' Hardware), 401 E 163d
*†Kellogg M. W. Co. (Pipe Welding, Joints, Condensers, etc.), 90 West. Works: Jersey City N. J.
See adv index at end of book
*†§Kennedy Valve Mfg. Co., 81 John
*Kennelly Jno. J., 826 10th av
*Keyes Jas. A.,652 Hudson
*Kissinger's Jacob Sons, 75 Fulton
*§Klaber S. & Co. (Bronze Founders), 21 W 39th; Works: Carlstadt, N. J.
Klett H. G., 1883 Par kav
*Knickerbocker Machine Works (Drilling Machines, etc.), 161 Perry
*Koberlein Fred'k, 508 W 24th
Krajewski-Pesant Corp (Sugar Machinery, etc.), 50 Broad
Kramer Bros. Lamp Co., Inc., 585 B'way
*Kroll Bros., 97 Essex
*†Lalance & Grosjean Mfg. Co. (Grey Iron Castings, All Consumed by the Company), 299 Broadway. Works: Harrisburg, Pa.
*Lasker & Minck, 220 Broadway
*§Lehnert & Co., 334 E 23rd
Lehmann J. M. Co., 101 Varrick
Lenz Machine Works, 199 Franklin
See adv index at end of book
*Levering & Garrigues Co. (Steel Structural Work), 552 W 23d
Levett Walker M. Co. (Brass, Bronze & Composition Castings), 417 E 23d
*Levi, Benjamin, 355 W B'way
*Lewthwaite Geo. A. Co., 116 Walker

NEW YORK—New York—continued

*Lewthwaite T. H. Machine Co. (Punching & Shearing Machinery), 411 E 31st
Loeber H. G. Co., 151 E 126th
*†Lord & Burnham Co. (Greenhouse Heating Apparatus & Builders, etc.), 30 E 42d. Works: Irvington, N. Y.
*Lowerator Co., 110 W 40th
*Loyd John Co. (Dies, etc.), 124 Baxter)
Lindner & Vradenburgh (Machinists), 239 Centre
McAllister Dry Dock & Shipyard Co. (Marine Repairs), 24 State
*McCabe Hanger Mfg. Co. (Door Hangers, Ball-Bearing Wheels, Dies, etc), 426-28 W 25th
*§McCoy J. B. & Son (Electric & Gas Fixtures), 114 W 30th
*†McDougall & Potter Co. (Steam Hammers, etc), 606 W 55th
*McKeirnan-Terry Drill Co. (Rock Drills, etc), 15 Park row; Works: Dover, N. J.
*McMillan & Werner (Pulleys, etc) 516 Pearl
*†§McNab & Harlin Mfg. Co. (Iron Brass Fdrs. & Finishers, Plumbing & Steam Specialties, etc.), 55 John. Works: Paterson, N. J.
§Magnolia Metal Co. (Anti-Friction Metal, etc), 113 Bank
See adv index at end of book
§Magnus Co., 111 Broadway
*Magor Car Corp. (Industrial Cars, etc.), 30 Church, New York. Works: Passaic, N. J.
*§Manhattan Brass Co., 332 E 28th
*Manhattan Repair & Supply Co., 103 Lawrence
*Mantle & Co., 1907 Park av
†Marcy Stove Repair Co. (Stove, Range & Heater Repairs), 74 Beekman. (Foundry: Perth Amboy, N. J.)
*†§Marine Mfg. & Supply Co. (Ship Machinery, etc)., 158 South
Markels Leonard, 165 William
*§Martin B. M. (Brass Foundry & Finisher), 473 W Broadway
*Mason & Moore, 30 E 4th
Mayer & Kornbau (Iron Railings, etc), 143 Av D
*Merit Machine Mfg. Corp., 465 Greenwich
Metal Package Corp of N. Y. (Can Makers & Canners Machy., etc.), 509 Fifth av
See adv index at end of book
*†Mietz August Corp. (Gas Engines, etc), 430 E 19th
*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.), 28 Warren. Works: Millers Falls, Mass.
*Mitchell Co., 621 W 24th
*§Mitchell Vance Co. (Gas & Electric Fixtures), 507 W 24th
*Montanini & Grillo, 155 W Houston
Moss, Henry & Co., Inc., 192½ Beaver
§Mullin Daniel, 520 W 22d
§*Murray & Sorensen, 227 W 17th
Nannen Chas. B. & Son, 108 Lawrence
*Nason Mfg. Co. (Machinists), 71 Fulton
*§Nathan Mfg. Co. (Steam Specialties, Brass Founders, etc.), 85 Liberty. Works: 416 E 106th
*†National Enameling & Stamping Co. (Grey Iron Castings, all Consumed by the Company), 411 5th av
*National Lead Co., 111 B'way
*National Meter Co. (Water Meters, Gas Engines, etc.), 299 B'way
*Naylor & Co. (Power Transmitting Machinery), 120 B'way
*Nelson Tool Co., Inc. (Dies, Special Machinery, etc.), 782 E 142d
§Nemes B., 652 E 12th
*§Neptune Meter Co. (Water Meters), 50 E 42d. Works: Long Island City, N. Y.
*Nestor Mfg. Co. (Inc.) (Dies, Special Machinery, etc.), 40 W 13th
New Jersey Fdry. & Mach. Co., 90 West
*†New Jersey Zinc Co. (Iron Castings for the Use of the Company; also Machine Shop for Repairs), 160 Front
KNAPP ARTHUR ENGINEERING CORP., 19 W 44th
See adv index at end of book
*†New York Air Brake Co. (Air Brakes & R. R. Appliances), 165 Broadway
§New York Brass Foundry Co. (Brass Fdrs), 403 Broome
†*New York Engine Co., 165 B'way
*New York Novelty Co., 621 B'way
†Nichols D. M. Iron Works, 2 Gouverneur pl
*Nielson Anton E., 78 Barclay
*†Niles-Bement-Pond Co. (Machine Tools, etc.), 111 B'way
*Noiseless Typewriter Co. (Typewriters), 253 B'way. See Middletown, Conn.
*O'Day P. H. & Son (Marine Works, etc.), 253 South
*Ogden J. Edward Co., 147 Cedar
Page Steel & Wire Co., Grand Central Terminal
*Pedersen Lubricator Co. (Tools & Special Machy.), 636 1st av
*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 90 West
†*PIERCE, BUTLER & PIERCE MFG. CORP. (Gas Ranges, Plumbers' Brass Goods & Iron & Brass Founders), 437 E 162d
*Pierson U. Bar Co. (Greenhouse Bldrs., etc.), 1 Madison av. Works: Jersey City, N. J.
*Plant Engineering & Equipment Co., 192H B'way
*Pollard-Alling Mfg. Co. (Addressing & Mailing Machines), 312 E 23d
†§*Port Morris Casting Co., 138th & Locust av
*†Potter S. A. Tool & Mach. Works (Lathes), 79 E 130th
†§Power Specialty Co., 111 Broadway
See adv index at end of book
*Pryibil P. Machine Co. (Wood Working Machy.), 520 W 41st
†Pyramid Grate Bar Co., 30 E 42d
*†Quintard Iron Works Co. (Iron Fdrs. & Machinists), 742 E 12th
*Rail Joint Co. (Rail Joints, etc.), 61 B'way. Works: Troy, N. Y.
*†Railway Steel Spring Co. (Railway Springs, Steel Tired Wheels, etc.), 30 Church
*Ramsaier Gustav Co. (Machinist), 263 William
*Ramsaier Wm. J., 95 Cliff
*†§Raritan Copper Wks, 42 B'way
*Rathbun & Bird Co. (Printers' & Bookbinders' Machinery, etc.), 8 Dutch
*Rathbun & Co., 8 Dutch
*Rees & Co. (Rider & Erickson Engines), 220 E 86th
*Regina Co. (Music Boxes, Vacuum Cleaners, etc.), 47 W 34th. Works: Rahway, N. J.
*Reid Alexander & Co. (Engineers & Machinists), 165 Charles
*†§Remington Typewriter Co. (Typewriters), 374 B'way. Works: Ilion, N. Y.
*Revolute Machine Co., 417 E 93d
*†§Richardson & Boynton Co. (Stoves, Furnaces, Ranges, etc.), 31 W 31st. Works: Dover, N. J.
*†Richmond Radiator Co. (Radiators & Heating Apparatus, Vacuum Cleaners, Enameled Iron Ware, etc.), 1480 B'way. Works: Norwich, Conn.; Uniontown, Pa.; Philadelphia, Pa.; Reading, Pa.
*†Rider-Ericsson Engine Co. (Hot Air Pumping, Engines), 20 Murray
*†Robins Conveying Belt Co. (Condensing & Hoisting Machy), 13 Ann
*Rosenbaum Mfg. Co. (Gas Irons, etc.), 33 Bleecker
*†Royal Typewriter Co., 366 B'way. Works: Hartford, Conn.
*Ruf Herman P., 93 Crosby
*†Safety Car Heating & Lighting Co. (Car Heating & Lighting Apparatus), 2 Rector
*†Safety Insulated Wire & Cable Co. (Machine Shop for Own Use Only), 114 Liberty. Works: Bayonne, N. J.
Sands Alfred B. & Son Co., 20 Vesey
Sanitation Corp., 50 Broad
Schaad Paul, 179 Pearl
*Schlosser Mfg. Co. (Marine & Gasoline Engines), 151 E 126th
*Schmidt Bros., 909 Faile
*Schmidt F. L. Co. (Envelope Machy.), 11th av & 21st
*Schock Gustav & Son, 514 W 57th
*Schoenfeldt Wm., 787 3rd av
*§Scholl Adam, 225 E 138th
*Scott Walter & Co. (Printing Machinery), 1457 B'way. See Plainfield, N. J.
*Scott & Williams (Knitting Machy.), 366 B'way
Sedgwick Machine Works, 150 W 15th
Senefelder Litho Stone Co., Inc., 32 Greene
Shapiro & Aronson (Gas Fixtures), 20 Warren
*Sharman Bros. (Jobbing), 256 Pearl
*Shaw Electric Crane Co., 119 W 40th. Works: Muskegon, Mich.
Sheppard C. E. Co., Spring & Hudson
*Sier-Bath Co. (Gears), 143 W 54th
*Simplex Automobile Co. (Auto Bldrs.) 755 5th av. Works: New Brunswick, N. J.
*†Singer Sewing Machine Co. (Sewing Machines & Special Machy.), 149 B'way. Works: Elizabeth, N. J.
Sorenson C. M. Co., Inc., 177 E 87th
†§Southard Robertson Co. (Stoves, Ranges, Furnaces, etc.), 25 Water
*Sprague Electric Works (Electric Machinery, Hoists, etc.), 527 W 34th
*Staley Elec. Elev. & Mach. Co. (Electric Elevators, etc), 153 Greene
*†Standard Coupler Co. (Steel Platforms, Car Couplers, etc.), 30 Church. Works: Bridgeport, Conn.
*Standard Iron Works, 508 E 74th
Standard Player Hdwre Co., 512 W 36th
Standard Steam Specialty Co., 542 W B'way
*Star Seal Co. (Bottle Sealing Machines), 30 Church
*†Steinway & Sons (Piano Plates ,etc.) 109 E 14th. Works: Astoria, Borough of Queens, New York City
§Sterling Bronze Co. (Bronze Fdrs. & Gas & Electric Fixtures), 16 E 40th
*Stimmel Samuel, 508 W. B'way
Stolz Jos & Son, Inc., 841 E. 136th
Storage Battery Supply, 339 E 27th
Strauss Ferdinand, 7 W 22d
*Sullivan Jno. W. Co., 827 E 9th
*Sussman Harris, 232 E 111th
Taylor-Martin Corp., 233 Broadway
*Texas Company (Machine Shop for Own Use Only), 17 Battery pl. Works: Bayonne, N. J.
See adv index at end of book
*†Thatcher Furnace Co. (Hot Air Furnaces, Stoves, etc.), 135 W 35th. Works: Newark, N. J.
*Thayer & Co. (Gear Cases), 111 B'way
*Thompson Hervey (Builders' Iron Work & Machinist), 233 B'way
*Tiffany & Co. (Jewelers), 37th & Fifth av
*Tirrill Gas Machine Lighting Co., 103 Park av. Works, Newark, N. J.
*Trapp & Kuehnle (Printers' Machinists), 245 Pearl
*§Troy Laundry Machinery Co. (Laundry Machinery), 133 Centre
*†Turl Iron & Car Co. (Sugar Machy., etc.), 50 Broad. Works: Newburg, N. Y.
*Turner Machine Co., 75 Fulton
*†§Tuttle & Bailey Mfg. Co., 2 W 45th
*Uehling Instrument Co. (Pyrometers, Composimeters, etc.), 71 B'way
*Underwood Typewriter Co., 30 Vesey. Works, Hartford, Conn.
*†Union Stove Works (Stoves, Furnaces, etc.), 70 Beekman. Works, Peekskill, N. Y.
†U. S. Castings Co., 25 Elm
U. S. Cloth Cutting Machine Co., 414 W B'way
U. S. High Speed Steel & Tool Corp., 489 5th av
*United States Gauge Co. (Gauges, Valves, etc.), 67 Wall
§Van Kannel Revolving Door Co., 250 W 54th
*Visigraph Typewriter Co. (Typewriters), 37 W 116th
Wallace Addressing Machine Machy. Co., Inc., 116 W 14th
Wallace Tiernan Co., Inc., 349 B'way
Warren Products Co., 265 B'way, New York *See adv index at end of book*
†Washburn & Granger, 50 Church
†Waterman Hy. & Bro. (Gas & Oil Stoves), 195 Lewis
*Watkin M., 35 Pike
*§WATSON-STILLMAN CO. (Hydraulic Machinery, etc.), 38 Church. Works: Aldine, N. J.
See adv index at end of book
*Watson's Forge & Mach. Works, 553 W 35th
*Wendtland Wm. (Button Machinery), 51 Mercer
*Wenning Jno., 225 E 106th
*†§Western Electric Co., 463 West
*Westervelt J. W. & Co. (Special Machinery, etc), 198 William
Wheeler Condenser & Engineering Co. (Pumps, Condensers & Sugar Machinery), 149 B'way. Works: W. Carteret
See adv index at end of book
*†White Mfg. Co., 556 W 34th
Wilson & Manelin Co., 383 Concord av
*Winter Louis F., 418 W 27th
Wolfschlag Joseph A., 456 Pearl
Worthington Pump & Machinery Corp., 115 B'way
See adv index at end of book
Yaeger & Bolte, 26 Cliff
*Zeidler Wm. A. Co. (Laundry Machinery), 163d & Melrose av
§Zoppo Ben, 3002 Park av
*Zuhr, Henry, 489H Broome

Borough of Queens.

ASTORIA—*Astoria Machine Works, 54 Fulton av
†Brooklyn Fdry. Co., Orchard
*§Federal Brass & Bronze Co., Ridge
*Ward & Co., 54 Fulton av
GLENDALE STATION—*V. & O. Press Co. (Presses, Dies, etc.), Dry Harbor rd
LONG ISLAND CITY—*Boyce Alex. R. ft. Front
*§Federal Brass & Bronze Co., Ridge
*§Franklin Brass Foundry (Brass Castings, etc.), 100 Young
*General Vehicle Co. (Electric Auto Trucks), Star av
Lauraine Magneto Co., Inc., 181-13th
*Long Island Machine & Marine Construction Co., ft. E. av
*†§McGee Jos. Iron & Brass Fdry. Co. (Iron & Brass Fdry.), 51 6th
*†§Neptune Meter Co., Crane (See York City City)
§Queens Borough Brass & Bronze Fdry, 184 B'way
*§Rhoades R. W. & Co.
*†§Russell Foundry & Machine Wks. (Iron & Brass), 51 6th
*†§Steinway & Sons (Piano Plates, etc.)
*Sweeney & Gray (Engineers & Machinists), 83-85 6th
*§Tiffany Studios, Corona
Walsh & Allen, 15 Wilbur av

*Wegner Machine Works (Stone Working Machinery), 63 Mills
MASPETH — (N. Y. City) — *MERRILL BROS. (Mfrs. of Turnbuckles, Drop Forgings, Vises, Presses, Drop Hammers, etc.), 3 Arnold
See adv index at end of book
*†§Richey, Browne & Donald (Iron Arch'l & Ornamental Work & Castings), Flushing av
RICHMOND HILL — §†Richmond Hill Fdry. Co.

Borough of Richmond.

PORT RICHMOND — *Carlson & Russ, 2319 Richmond ter.
†*§Staten Island Shipbuilding Co., 1983 Richmond ter.
PRINCES BAY—*†§White S. S. Dental Mfg. Co.
WEST NEW BRIGHTON—*McAllister Dry Dock Co. (Marine Repairs) (See New York)
*†McWilliams Frank (Inc.), (Shipbuilders & Dry Dock), Burgher av

(End of New York City)

NIAGARA FALLS—*Carborundum Co. (Carborundum Wheels & Aloxite Grinding)
*†Central Machine Co. (Printing Press Machinery)
*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)
*†§Dobbie Foundry & Machine Co. Hoisting Engines, Cars, Cranes, Hoists & Iron & Brass Castings, etc). *See adv index at end of book*
§Frontier Brass Foundry
*McGarigle Machine Co. (Miniature Locomotives)
*Morrison J. L. Co. (Wire Stitching Machines, etc.)
†Niagara Falls Furnace Co.
†Niagara Foundry Co.
*Philpott & Leuppie Co. (Machinists)
Pittsburgh Metallurgical Co.
*Ralston W. & Co., Inc.
*†Ramapo Iron Works (Castings & General Track Equipment). Wks. also Hillburn, N. J.
*U. S. Light & Heat Corp. (Car Heating & Lighting Apparatus)
NORTH HARPERSFIELD — *†Dayton, Wm. H.
NORTH TONAWANDA—*†§American District Steam Co.
*†§Buffalo Steam Pump Co. (Steam Pumps, etc.)
*†§Herschell, Spillman & Co. (Merry-go-Rounds, etc. & Park Carnival Devices)
*†§Miller Foundry & Specialty Co. (Plumbers Brass Goods)
*†Niagara Radiator & Boiler Co. (Radiators & Cast Iron Heating Boilers)
*Peirce-Brown, Inc.
*§Stewart Heater Co. (Brass Foundry, Heaters, Pumps, etc))
NORWICH—*†§Ireland Machine & Foundry Co.
*Maydole David Hammer Co.
NUNDA—*Foote C. Mfg. Co. (Concrete Mixers & Gas Engines)
NYACK—*Ofeldt F. W. & Sons (Gas & Gasoline Engines, etc.)
OGDENSBURG—*†§Dunn Walter E. (Gasoline Engines)
†§Fell Jos. E.
†§Hackett Patrick Hardware Co. (Brass & Iron Founders)
§Newell Mfg. Co.
*Ogdensburg Machine Co. (Machinists)
§Seeley John A. Mfg. Co.
*Silver H. & Son
OLEAN—Abbott Machine Co. (Saw Mill Machinery, etc.)
See adv index at end of book

ABBOTT MACHINE CO.
SAW MILL, LATH MILL AND SHINGLE MILL MACHINERY
Olean New York

*†§Carley Heater Co. (Tannery Machinery, etc.)
Clark Bros. Co. (Saw Mill Machy., etc.)
Luther Mfg. Co. (Punching & Shearing Machinery), Dept. H
*Myrick Machine Co. (Gas Engines, etc.)
ONEIDA—†Cheney S. & Son
*Coles Tool & Machine Co.
†Kelly & Kennedy
*Mohawk Valley Mfg. Co. (Carriage & Auto Hardware, etc.)
*Oneida National Chuck Co. (Drill & Lathe Chucks)
*Westcott Chuck Co. (Drill & Lathe Chucks)
ONEONTA—*Gorham H. E. (Machinist)
*†§Titchener-Culver Iron Works
ORANGEBURG—*Fibre Conduit Co. (Air Tools, etc.)
ORISKANY—†Oriskany Malleable Iron Co., (Ltd.) (Malleable Iron Castings)
ORWELL—*†§Olmstead A. E.
OSSINING—*Kipp Engine Works
OSWEGO—*†§Ames Iron Works (Engines & Boilers)
*Baker Benjamin (Machinist)
*§Hessler Foundry & Mfg. Co. (Iron Castings)
*†§Kingsford Foundry & Machine Works (Steam Engines, etc.)
*Kitts Mfg. Co. (Steam Specialties, etc.)
Kitts Steam Specialty Co.
†§Oil Well Supply Co. (See Pittsburgh Pa.)
*Oswego Tool Co. (Dies, Tools, etc.)
*Railway Steel Spring Co. (See New York City)
*†§Sawyer Brass & Iron Fdry.
OWEGO—*Champion Wagon Co. (Grain Drills, etc.)
*Stevens Norton A. (Machinist)
PAINTED POST—*†§Ingersoll-Rand Co. (See New York)
*Townsend Fred J. (Wire Stretchers)
*Warns Wm. H.
PALMYRA—*†Peerless Printing Press Co.
PATCHOGUE—*Roe Justus & Sons (Rowler Awning Fixtures, Tape Measures, etc.)
PEARL RIVER — *Braunsdorf John H. (Printing Presses)
PEEKSKILL—†§Fox J. M. Iron Wks.
†Mohegan Stove Co.
*†§Naylor Bros.
†§Southard - Robertson Co. (Stoves, Ranges, Furnaces, etc.)
†Union Stove Works (Stoves, Furnaces, etc.) (See New York City)
PENN YAN—†§Commercial Iron Works Co.
PHELPS—*†Crown Mfg. Co. (Grain Drills, etc.)
PHILMONT—*American Raveller Co.
PHOENIX—*Scusa Lino
PIFFARD—*Shattuck T. N.
PLATTSBURG—*†§Lozier Motor Co.
*†§Plattsburg Foundry & Machine Co.
*Williams Mfg. Co. Ltd. (Typewriters)
PORT CHESTER — *†Abendroth Bros. (Cast Iron Pipe, Stoves, etc.
†Mills Wm. A. Brass Co. (Brass, Bronze & Aluminum Castings)
*Port Chester Machine Works
*Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts, etc.)
†Taylor J. A.
PORT JERVIS—*Jennings & Griffin Mfg. Co. (Saws)
†Swinton & Co. (Fdrs. & Hardware)
POTSDAM—Leete Chas. H.
POUGHKEEPSIE—*†De Laval Separator Co. (Dairy Implements, etc.)
*†§Dutchess Foundry Co.
*Hart Frederick & Co. (Build and Develop All Kinds of Inventions and Special Machinery), 837 Main
†Hudson River Foundry Co.
Johnson C. E., Inc.
*†Lane Bros. Co. (Door Hangers & Hardware Specialties)
*†Mitchell Co., Inc.
*†§Moline Plow Co. (Adriance Platt branch)
Phoenix Horse Shoe Co., Dept. H
*†Poughkeepsie Foundry & Machine Co.
*Schatz Mfg. Co. (Punching & Shearing Machinery, etc.)
*Sedgwick Machine Works
*Standard Machine Key Mfg. Co.
*Tiffany Machine Shop
PRINCE BAY—†§*White Dental Mfg. Co. S. S.
PULASKI—†§*Olmstead A. E. & Sons
RAMAPO—*†Ramapo Foundry & Wheel Works (Car Wheels & Castings of All Descriptions)
RANDOLPH—*†§Pike F. H. (Foundry & Machinist)
RAVENA—*†Ravena Iron Co.
RICHFORD—*Hilts Wrench & Mfg. Co. (Car Movers, Pipe Wrenches, etc)
RIPLEY—*Huntington Alfred
ROCHESTER—*†§American Laundry Machinery Co. (Laundry Machinery). (See Cincinnati, O.)
*†American Woodworking Machinery Co. (Woodworking Machinery)
*†Anstice Josiah & Co. (Hardware Specialties), 238 N Water
*Ashley Machine Works
*Atkins W. C. Mach. Co., 1 Gleason Place
*§Atkinson Co. (Plumbers' Brass Goods & Brass Compo Castings)
*Atlantic Stamping Co. (Tinware Mfrs.), 156-180 Ames
*Auburn Ball Bearing Co. (Ball Bearings, etc.), 26 Elizabeth
*§Bausch & Lomb Optical Co. (Scientific Instruments, etc.)
*Beers Bros.
*Booth Bros. Co. (Shoe Machinery)
*Bourne Jno. R. (Dies, etc.)
*Boutell Mfg. Co. (Apple Evaporating Machinery)
*Clark Cadle Harmon Corp. (Washing Machines
§*Clark Hdwe. Mfg. Co.
*Cochrane-Bly Co. (Cold Saw Cutting-off Machines, etc.)
†Co-Operative Foundry Co. (Stoves, etc.) *See adv index at end of book*
*†Connell & Dengler Machine Co. (Woodworking Machinery)
†Crescent Foundry Co.
*Davis Machine Tool Co. (Machine Tools, etc.)
*Defiance Checkwriter Corp. (Check Protectors)
*Economy Gas Machine Co. (Gas Engines)
*Eisler Mfg. Co. (Special Machinery)
*†Enterprise Foundry Co. (Hot Air Furnaces & Iron & Composition Castings)
*Erdle Perforating Co. (Machine Tools, Perforated Metals, etc.), 171 York
See adv index at end of book
†Erie Foundry Co. (Iron Fdrs.)
§Flower City Fdry. Co.
§*Forbes Brass Co.
*Funck Philip Corp.
†Galusha Stove Co. (Stoves, Ranges & Furnaces)
*§General Railway Signal Co. (Railway Signals, etc.)
*Genesee Plating Works
*†GEASON WORKS (Iron Frds., Gears, Gear Cutters, etc.), 1000 University av.
See adv index at end of book
*Goette Rudolph F. A.
*Heughes F. L. & Co. (Builders' Iron Work & Castings)
*Huther Bros. Saw Mfg. Co. (Saws, Cutters, etc.)
See adv index at end of book
Ingle Machine Co., 175H Winton rd
*†Judson Governor Co. (Steam Engine Governors)
*Judson Pin Co.
*Klip-Klip Co. (Nail Clippers)
*Knowlton M. D. Co. (Paper Box Machinery), 26 Elizabeth
*Kohlmetz Chas. E.
*Kolhmetz H. L.
*Long Adam A. Machine Wks. (Special Machinery, Tools & Dies)
*Luitwieler Pumping Engine Co. (Pumping Engines)
*Mack & Co. (Edge Tools, Machine Knives)
*Morgan Machine Co. (Boxmakers' Machinery, etc.)
*Mutschler A. & H. G. (Elevator Motors, etc.), 77 N Water
*§National Brass Mfg. Co. (Brass Cocks, Valves, Trolley Wheels & Harps, etc.)
*†§National Car Wheel Co. (See Pittsburg, Pa.)
North West Foundries, Inc.
*Otis Machine Works (Special Machinery, Tools & Dies), 191 Mill
*Parry Samuel R. (Paper Box Machinery)
*Patric Milan W. (Machinists, Punches, Dies, etc.)
†Progressive Fdry. Co.
*†Pullman Mfg. Co. (Hardware Specialties, etc.)
*Ricker Mfg. Co.
*Ritter Dental Mfg. Co. (Dental Equipment, etc.)
*Rochester Barrel Machine Works
§Rochester Bronze & Aluminum Co., Inc.
*Rochester Machine Screw Co.
*Rochester Motors Co. (Engines, Motors, etc.)
*Ryede Specialty Works (Vending Machines & Metal Specialties)
*§Sargent & Greenleaf, Inc. (Bank & Safe Locks, etc.)
See adv index at end of book
*Selden Truck Corp.
*†§Sill Stove Works (Stoves, Ranges & Furnaces)
*Sohn Daniel Machine Co.
*Stein Wm. P. & Co. (Surface Grinders, dies, etc.)
*Taylor Instrument Co.'s (Barometers, Hydrometers, etc.)
*Taylor-Shantz Co. (Special Machy)
Vacuum Oil Co. (Machine Shop for Their Own Use)
*Weidner C. A. Co.
*§Werner John & Sons (Confectionery Machinery)
*West Tire Setter Co. (Tire Setters, Banding Presses, etc.)
*†Willsea Works (Special Machinery)
*Wilson W. A. Machine Co. (Machine Tools, etc.), 217 N Water
*§Wray Henry & Son (Brass Founders)
*Yawman & Erbe Mfg. Co. (Metal Furniture)
Zunner Machine Co.
ROME—*†Adams S. & Son
*§Doyle W. J. (Light Machinery, Brass & Aluminum Castings, etc.)
*Harris C. S. Co. (Power Hoisting & Carrying Machines)
*§Noonan A. S. Tool and Machine Works (Auto & Bicycle Tools, etc)
§Rome Mfg. Co.
*†Rome Metallic Bedstead Co.
*†Rome-Turney Radiator Co. (Radiators, etc.)
ST. JOHNSVILLE—*Clark Machine Co. (Grain Threshers, etc.)
SALAMANCA—*†§Salamanca Engine-Iron Co. (Engines & Grey Iron Cast'gs)
SARATOGA SPRINGS—Baker Mfg. Corp. (Paper & Pulp Mill Machinery, Grey Iron Castings, etc.)
SAUGERTIES—†§*Saugerties Fdry. & Mach. Co
SCHENECTADY—*†§American Locomotive Co. (Locomotives). (See New York City)

NEW YORK—Schenectady—continued
†§*Electric City Fdry. Co.
*†§GENERAL ELECTRIC CO. (Electric Generators & Machinery). *See adv index at end of book*
*Kehoe C. C.
S.-R. Mfg. Co.
*†§Westinghouse Co. (Agrl. Implements, Threshers, Stackers, etc.)
SENECA FALLS—*Davis E. C. & Co. (Plumbing Specialties)
*†§Goulds Mfg. Co. (Pumps, etc.), 71 W Fall *See adv index at end of book*
§Knight H. W. & Son
*†Seneca Falls Mfg. Co. (Lathes & Attachments)
SHORTSVILLE — *Papec Machine Co. (Feed Cutters, Cream Separators, etc.)
*Star Seeder Co. (Agrl. Implts.)
SIDNEY—*Lakin Bruce (Machinist)
SILVER CREEK—Columbia Postal Supply Co.
*†§Howes S. Co. (Grain, Coffee and Rice Cleaning Machinery, etc.)
SODUS POINT—*†Seely D. W.
SOLVAY—*Pass & Seymour (Electric Specialties)
SPRINGVILLE—Smith & Smith
STOCKPORT—*Philip Rossman
SYRACUSE—*Ames Iron Works (Engines etc.)
*Barber Bros. (Steam & Gasoline Engines)
*†Bradley C. C. & Son (Power Hammers, etc.)
*Brennan Motor Mfg. Co. (Gasoline Engines)
*Brown-Lipe-Chapin Co. (Auto Gears, etc.)
*Brown-Lipe Gear Co. (Auto Gears, etc.)
Burlingame Mfg. Co.
*§Caldwell E. R. & Son Brass Co.
Caldwell & Ward Brass Co.
*Central City Bolt Co. (Door Hangers, Bolts, Nuts, etc.)
*Chase Motor Truck Co. (Auto Truck Builders)
*Continental Can Co.
*Crouse-Hinds Co. (Electrical Specialties)
*Doyle & Devereaux, Industrial Bldg.
*†DUNNING & BOSCHERT PRESS CO., INC. (Presses, etc.), 379 W Water. *See ad index at end of book*
*§Edwards O. M. Co., Inc. (Hardware Specialties, etc.)
†Empire Foundry Co.
*†Engelberg Huller Co. (Rice & Coffee Machinery, Grey Iron Castings)
§Franklin Die-Casting Corp. (Special Alloy Castings), Gifford & Magnolia
*†§Frazer & Jones Co. (Harness, Hardware & Malleable Iron Castings)
*Gale O. Milton (Tools, Special Machinery, Gears, etc.)
†§Globe Malleable Iron & Steel Co. (Malleable Iron & Vanadis Annealed Steel Castings), 101 Greenway av
*Houser Elevator Co. (Elevators)
*Kane & Roach (Carriage Builders' Machinery)
†Landers W. H. Co. (Stoves, Furnaces, Ranges, etc.)
*Leighton H. J. (Marine Gasoline Engines)
*Lipe W. C. (Dies, Tools & Special Machinery)
*Llewellyn & Doyle, Pearl & Hickory
§McVey Hugh (Brass Founders)
*§Oberdorfer M. L. Brass Co. (Brass Founders), 810 E Water
*Onondaga Brass Co. (Brass, Bronze & Aluminum Castings)
*Porter-Cable Machine Co. (Lathes, etc.)
*Railway Roller Bearing Co. (Roller Bearing Journal Boxes, etc.)
†Reddin Iron Works (Iron Founders)
§Senk J & W (Brass Founders)
*Shaw Coupling Co. (Power Transmission Appliances, etc.)
*Smith L. C. & Bros. Typewriter Co. (Typewriters)
*†Smith & Caffrey Co. (Grey Iron Castings & Ornamental Iron Wk.)
§*Standard Brass & Aluminum Fdry. Co., Inc.
*†§Stearns E. C. & Co. (Grey Iron Castings, Hardware Specialties, etc.), 450 Oneida
*†Straight Line Engine Co. (Grey Iron Castings, Loam or Green Sand to 20,000 lbs.)
*Syracuse Bridge Co.
*†Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, etc.)
*§Syracuse Faucet & Valve Co. (Brass Founders, Finishers & Plumbers' Brass Goods), Eastwood, N. Y.
*†Syracuse Malleable Iron Works (Refined Air Furnace & Iron Castings)
*Syracuse Safe Co. (Safes etc.)
*Thompkins Bros. Co. (Textile Machinery)
*U. S. Hofmann Co. (Cloth Pressing Machines)
*§Walker Bros. Co. (Dies, Tools, Special Machinery, etc.)
Weekes-Hoffman Co.
*Westinghouse Electric & Mfg. Co., University (See Pittsburgh, Pa.)
*Wonder Mfg. Co. (Gasoline Engines)
THERESA—*†§Wakefield Jas. W.
TICONDEROGA—*†§Ticonderoga Machine Works (Paper Mill & Mining Machy.)
TONAWANDA—*American Engine & Boiler Works (Engines, Boilers, etc.)
*†§Gillie Machine Co. (General Repair Work, Contractors, Factory & Marine)
TROY—*Adams Laundry Machinery Co. (Laundry Machinery)
*American Blower Co. (See Detroit, Mich.)
*†Bascom & Co. (Patterns & Models for Stoves, Heaters & Machy)
*Brown E. H. Mfg. Co.
†Burdett, Smith & Co. (Stoves)
*†Carr J. B. Co. (Chains, etc.)
*Covert Mfg. Co. (Hardware Specialties)
*†Fuller & Warren Co. (Stoves & Heating Apparatus)
†Gold Coin Stove Co. (Stoves)
*§Gurley W. & L. E. (Surveying Instruments, etc.)
*Hammett H. G. (Railroad Specialties, etc.)
*Hislop James W. (Iron Founders)
*Interstate Machinery Co. (Paper Box & Laundry Machinery)
*Knowlson & Kelley Co.
*†Ludlow Valve Mfg. Co. (Iron & Brass Founders, Valves, Fire Hydrants & Water Works Supplies), ft. of Adams
*†Mahony Mfg. Co. (Iron Founders. Builders' Iron Work, etc.)
§Meneely Bell Co. (Bell Founders etc.)
*Micrometer Balance Scale Co.
*Morey Alex. W. (Machinist)
†Neemes Bros. (Machinery Castings, Shaking Grates, etc.)
*†Phillips & Clark Stove Co. (Stoves). (See Geneva, N. Y.)
*Rail Joint Co. (See New York)
*†§Rensselaer Valve Co. (For Own Use Only) (Iron Founders, Valves, Fire Hydrants & Waterworks Supplies)
†*Reynolds-Chalon Fdry. Co.
†Reynolds Geo. W. H. Fdry. Co. (Grey Iron Fdrs., etc.)
*§Ross Valve Mfg. Co. (Valves, Fire Hydrants) 9 Oakwood av.
*†Taylor Electric Truck Co. (Electric Car Trucks, etc.)
*Tolhurst Mach. Works (Hydro Extractors, Laundry Machinery, etc.)
*Troy File Works (Files, etc.)
*Troy Laundry Machy. Co.
†Troy Malleable Iron Works of Eastern Malleable Iron Co. (All Kinds of Malleable Iron Castings)
Vedder Pattern Wks. (For Stoves & Heaters)
*†West Side Foundry Co. (Grey Iron Castings, etc.)
*†West Side Structural Co. (Structural & Ornamental Iron Work, etc.)
§Wheeler Bros. Brass Foundry (Brass & Bronze, Castings)
UTICA—§Blasier-Sanborn Mfg. Co.
*Divine Bros. Co. (Buffing & Polishing Wheels, etc.)
*†Eureka Mower Co. (Agrl. Implts., etc.), 16 Hickory
*Firsching Jos. (Textile Machinery)
*Fisher Knitting Machine Co. (Textile Machinery)
*†§Foster Bros. Mfg. Co. (Iron Beds, etc.)
*†Giblin & Co. (Stoves, Furnaces, etc)
*†Hart & Crouse Co. (Heating Apparatus, Hot Air Furnaces, etc.)
Hasselbart-Whiton Co.
Herron Mfg. Wks. Div. of the Bossick Co. (Bridgeport, Conn.), Jig & Fixtures, Dies, Gorges & Special Machinery
*†International Heater Co. (Heating Apparatus, etc.)
§Iroquois Fdrs. Inc., 474 Genesee
§Merriam F. M.
†Munson E. G.
*†Munson Mill Machinery Co. (Flour Corn & Feed Mill)
*Northern Tool Co. (Valves, Gauges, etc.)
*Savage Arms Corp. (Fire Arms, etc.)
*Schrier Walter (Machinists & Elevators)
*Standard Brass Mfg. Co. (Plumbers' Brass Goods)
*Steber Machine Co. (Knitting Machinery)
§Utica Brass Works (Brass Founders)
*Utica Drop Forge & Tool Co. (Forgings, Hardware, Pliers & Nippers)
*Utica Fire Alarm Telegraph Co.
*†Utica Heater Co. (Heaters & Furnaces)
*†Utica Steam Engine & Boiler Works (Engines, Boilers & Machinery)
§Utica Valve & Fixture Co.
VERNON—*†Pohl Geo. D. Mfg. Co. (Gasoline Engines, etc.)
VOORHEESVILLE — †Bloomingdale F. (Iron Fdry.)
*†§Phoenix Foundry Co.
WALTON—Walton Foundry Co.
WARSAW—*†§Warsaw Elevator Co.
*†§Warsaw-Wilkinson Co. (Ensilage Cutters, etc.)
WATERFORD — *†§Eddy Valve Co (Valves, Fire Hydrants, etc.)
*Miller H. C. (Collar & Cuff Machines)
*Parker A. A. (Pumps, etc.)
§Simcox J. H.
WATERTOWN—*Babcock H. H. Co. (Auto Cars)
*†§Bagley & Sewall Co. (Iron Fdrs. & Paper & Pulp Machy.)
§Bragger J. J.
*†Harmon C. A. & Son
*†Lance Geo. A.
*Lawrence & Hill
*†Massey Machine Co. (Steam Engine & Turbine Governors)
*†§New York Air Brake Co. (Air Brakes & R. R. Appliances) (See New York City)
*Stebbins Eng. & Mfg. Co. (Mill Machinery)
§Timlick E. W.
*Watertown Specialty Co. (Cocks, Valves, etc.)
*§Wise J. B. Inc. (Plumbers' Goods, etc.)
WATERVILLE—*Daniels Samuel A.
*†Waterville Fdry. & Mfg. Co. (Paint Grinding & Mixing Machy.)
WATERVLIET—Adirondack Steel Foundry Co.
†Covert Mfg. Co. (See Troy, N Y)
§Meneely Geo. R. & Son (Car Bearings)
*§Meneely & Co. (Bell Fdrs.)
†*West Side Fdry. Co.
WATKINS—†§*Frost C. S. & C. H.
WAYLAND—†§*Kiel J. F.
WEBSTER—*Jennings E. M.
WEEDSPORT—*Burritt O. W. & Bro. (Machine Tools, etc.)
WELLSVILLE—*†§Clark & Norton Mfg. Co. (Engines, etc.)
*Kerr Turbine Co. (Steam Turbines)
*†§McEwen Bros. (Inc.)
WEST COXSACKIE—†Walther Bros.
WESTMORELAND—†Westmoreland Malleable Iron Co. (Ltd.)
WHITE PLAINS—Baker's Sons J. & Perkins Co., Inc. (Bakers', Rubber, Macaroni Kneading & Mixing Machines, etc.)
WHITESBORO—†*Utica Heater Co.
WILLIAMSON—*†Fuller & Cooper (Spraying Machines, etc.)
YONKERS—*†§Allen David E. (Iron Fdry.)
*Danner Adam Co. (Machinist)
*Morris Thos. Jr. (Est. of) (Machinist)
*†§Otis Elevator Co. (See New York City)
*†Saunders' D. Sons (Inc.) (Pipe Cutting & Threading Machines)
*Skinner & Connolly (Machinists)
YOUNGSTOWN—*†Ripson Wm. & Son (Iron Fdrs. & Plows, Cultivators, etc.)

NORTH CAROLINA.

ASHBORO—*†Ashboro Wheelbarrow Co.
ASHEVILLE—*Asheville Supply & Fdry Co., 33 Eagle
†§*Carolina Machy. Co.
AURORA—*Cherry Implement Co. (Ag'l Implements)
BURLINGTON—†§*Sykes Bros.
CARDENAS—*Wake Machine Works
CHARLOTTE—*†Alexander & Garsed
Charlotte Pipe & Foundry Co. (Cast Iron Pipe, etc.)
*†Cole Mfg. Co. (Seed Planters)
†§Hackett J. Fdry. Co.
*Jarrell W. G. Machine Co.
*†§Liddell Co. (Cotton Ginning Machines, Steam Engines, etc.)
*§Mecklenburg Iron Works (Saw Mill & Mining Machinery, etc.)
*†§Moffatt Machinery Mfg. Co. (Pumps, Elevators, etc.)
*†§Park Mfg. Co. (Belt & Power Elevators, etc)
*Whitted T. B.
CONCORD—*†§Concord Foundry & Machine Works Co.
DUNN—*†§McKay J. A. Mfg. Co. (Machinists & Iron & Brass Castings of All Kinds)
DURHAM—*†§Durham Fdry. & Machine Works (Brass Bronze & Grey Iron Castings)
*†§Durham Iron Works Co.
*†§North Side Foundry Co.
ELIZABETH CITY—†§Elizabeth City Iron Works & Supply Co. (Mill & Boat Supplies & Cultivators)
FAYETTEVILLE — *†§Carolina Machine Co.
†Wards Plow Wks.
GASTONIA—†§*Crocker Mach. & Fdry. Co.
GOLDSBORO—*†§Dewey Bros. (Iron Fdrs, etc.)
*†Wayne Agricultural Works (Plows, etc.)
GREENSBORO—*Clymer L. M.
*†Cook-Lewis Foundry Co.
*†Glascock Stove & Mfg. Co. (Stoves & Hollow Ware, Plow Castings, Special Machinery, etc.)
*Newman Machine Co. (Woodworking Machinery, etc.)
*†§Sergeant Mfg. Co. (Fdrs. & Machinists & Ag'l Implts.)
*Wysong & Miles Co. (Woodworking Machines)
GREENVILLE—*Humber R. L. Machine Works
HICKORY — *†§Latta-Martin Pump Co. (Pneumatic Pumps)

*†Piedmont Fdry. & Machine Works
HIGHPOINT—†High Point Metallic Bed Co.
HILDERBRAN—†§*Bally Mach. Co.
KINSTON—Kinston Iron & Mantel Wks.
LAURINBURG—*Blue Jno. (Machinist)
LEXINGTON—*†§Thompson's C. M. Sons
NEWBERN—*†§Craven Foundry & Machinery Co.
†§Gaskins Fdry. Co.
*†§Newbern Iron Works & Supply Co.
NORTH WILKESBORO — †§*Lineberry Fdry. & Mach. Co.
PINETOWN—*†§Parker Surry (Hoisting Engines, Logging Machines)
RALEIGH—*†§RALEIGH IRON WORKS CO.
RUTH—†§*Ruth Mfg. Co.
SALISBURY—†*N. C. Steel & Iron Co.
SANFORD—*†§Moffitt Iron Works Co. (Engines, etc)
SHELBY—*†§Shelby Foundry Co.
STATESVILLE—*†§Steele J. C. & Sons (Brick Machy., etc.)
WAKE FOREST—*†Wake Forest Foundry Co. (Plows, Castings, etc.)
WANANISH—*Council Tool Co. (Tools, etc.)
WASHINGTON—†§*Beaufort County Iron Wks., Inc.
WILMINGTON—Broadfoot Iron Works, Inc. (Marine Casting & Vertical Boilers)
*†§Wilmington Iron Works (Machinists, Founders, Engineers, Shipwright Boilermakers, Blacksmiths, Electric & Acetylene Welding)
WINSTON SALEM—*†§Briggs-Schaffner & Co.
*†§Carolina Foundry & Machine Co.
*†Forsyth Iron Bed Co.
†Reynolds R. J. Tobacco Co.
*†§Salem Iron Works (Engines, Saw Mills, Coffee & Rice Plantation Machinery, etc.)
*†§Vance J. A. & Co. (Fdrs. & Machinists, Woodworking Machinery, etc.)

NORTH DAKOTA.

CANDO—*†Cando Implement Co. (Agrl. Implements)
FARGO—*Fargo Bridge & Iron Co.
*†§Fargo Foundry Co. (Gasoline Engines, Light & Heavy Castings)
GRAND FORKS—*†§Grand Forks Foundry & Machine Co.

OHIO.

ADDYSTON—*†U. S. Cast Iron Pipe & Fdry. Co. (See New York City)
AKRON—*†Adamson Machine Co. (Rubber Machinery, etc.)
See adv index at end of book
*Akron Cultivator Co. (Agrl. Impits., Cultivators, etc.)
*Akron Gear & Engineering Co. (Cut Gears, etc.), 55 E South
*Akron Rubber Mold & Machine Co. (Rubber Molds, etc.)
*Akron-Selle Co. (Wagon Gears)
Akron Standard Mold & Mach. Co.
†Akron Steel Casting Co.
*B. & M. Machine Co.
*Bridgewater Machine Co.
*Budd H. T. (Dies, etc.)
*Burger Iron Co. (Bldrs. Steel Work)
Burt Mfg. Co., The (Oil Filters, etc.), 40 Main
§City Brass Foundry
†Diamond Fdry. Co.
*Die Sinking & Machine Co.
East Akron Mach. Co.
*Enterprise Mfg. Co. (Metal Specialties & Fishing Tackle, etc.)
*Garl Electric Co. (Annunciators & Telephones & Apparatus)
*Geib E. L. Machine Co.
†Imperial Electric Co. (Dynamos, Generators, etc.)
†Knapp John & Sons Fdry. Co.
*Kuhlke Machine Co., Dept. H
*Nitz & Darkow
*Ornamental Iron Works Co.
*South End Machine Co.
*†Star Drilling Machine Co. (Well Drilling Machinery, etc.)
†Summit Foundry Co.
*†§Taplin-Rice-Clerkin Co. (Stoves, Furnaces, Clay Working Machinery, etc.)
*Wadsworth Core Machine & Equipment Co., 10 W Buchtel
*§Wellman Bronze Co
*†§Wellman-Seaver-Morgan Co.
See adv index at end of book
*†WILLIAMS FOUNDRY & MACHINE CO. (Hydraulic Presses, Vulcanizers, Tire Factory Equipment, etc.)
See adv index at end of book
*†Wise Furnace Co. (Hot Air Furnaces, etc.)
†Wybel Stove & Chandelier Co. (Gas Stoves)
*†XXth Century Heating & Vent. Co. (Steam Heaters & Hot Air Furnaces)
ALLIANCE—§Alliance Brass & Bronze Co. (Brass Founders)
*Alliance Machine Co. (Cranes, Riveters, Punches, Steam Hammers, Presses, Shears & Rolling Mill Machy.)
*†American Steel Foundries Co (Open Hearth Castings) (See Chicago, Ill.)
*Bottomley Machine Co. (Jacks, etc.)
*Buckeye Jack Mfg. Co. (Lifting Jacks, etc.)
Machine Steel Castings Co.
*†§Morgan Engineering Co. (Cranes, Steam Hammers & Hydraulic & Rolling Mill Machy.)
*Reeves Bros. Co. The, (Boilers, Tanks, etc.)
See adv index at end of book
*Woods Engineering Co. (Tool Grinders, etc.)
AMHERST—†§Rice Tracy J.
ARCANUM—Bluebaugh W. F. (Jobbing)
*Quick-Change Chuck Mfg. Co.
ASHLAND—*Elite Mfg. Co. (Concrete Mixers, Auto Jacks, etc.)
*Hunter Jas. S.
†§Myers F. E. & Bro. (Pumps & Agrl. Imps, etc.), 900 Fourth
See adv index at end of book
*Safety Door Hanger Co. (Door Hangers)
ASHTABULA—*†American Fork & Hoe Co. (See Cleveland, O.)
*†§Barber Mfg. Co. (Furnaces, Hdw. & Plumbers' Specialties & Iron Fdrs., etc.)
*†McKinnon Iron Works Co.
*†§Phoenix Foundry & Machine Co.
ATHENS—*†§Athens Foundry & Machine Co.
*McBee Binder Co. (Loose Leaf Binders)
AVERY—*Hoover Mfg. Co. (Potato Diggers, etc.)
BARBERTON—*†§Babcock & Wilcox Co. (Water Tube Boilers & Castings). (See New York City)
*†§Diamond Match Co.
*†§Pittsburgh Valve & Fittings Co. (Valves, Pipe Fittings & Iron & Brass Castings)
BARNESVILLE—*Hall Geo. D.
*†§Watt Mining Car Wheel Co. (Mine Cars & Wheels, etc.)
BATAVIA—†Batavia Foundry Co.
*Carroll Jamieson Machine Tool Co. (Engine Lathes)
BEDFORD—*†Best Foundry Co.
*§Holmes Wm. G. Bronze Co. (Bronze Work)
BELLAIRE—†Bellaire Stove Co. (Stoves)
*†§Carnegie Steel Co. (Office Pittsburgh, Pa.)
†§Dorer C. L. Fdry. Co.
BELLEFONTAINE — *†Bellefontaine Bridge & Steel Co.
*Bowman Paul G.
*†Hennesey D. R.
†Humphrey Pipe & Foundry Co.
BELLEVUE—*Jeschke Edw. (Ditching Machines)
*†Ohio Cultivator Co. (Agricultural Implements, etc.)
BEREA—*†Dunham Co. (Road Rollers, etc.)
BIG PRAIRIE—*†§Monitor Sad Iron Co.
BLUFFTON—*Arras Cream Separator Co. (Cream Separators)
*Diller Mfg. Co. (Gas Engines, etc.)
BOWLING GREEN—*Bowling Green Motor Truck Co. (Motor Trucks)
*†Thornburgh Mfg. Co. (Garden Tools, Cultivators, Light & Heavy Grey Iron Castings, etc.)
*†§Universal Machine Co. (Gasoline Motors, Brass & Iron Castings, etc)
BREMEN—*Bremen Mfg. Co. (Pumping Engines, etc.)
BRIDGEPORT—*Hill Thomas
BUCYRUS—*†Carroll Foundry & Machine Co. (Basic Open Hearth Castings)
*§†Hadfield-Penfield Steel Co. (The), (Clay Working Machinery & Castings) *See adv index at end of book*
Locomotive Crane Co. (Cranes, etc.)
See adv index at end of book
*New York Blower Co. (Blowers, Exhausters, Fans, Steam Engines, etc.), (See Chicago, Ill.)
†*Ohio Steel Fdry. Co.
*Ryder Brass Foundry Co. (Brass & Bronze Castings, etc.)
*†Shunk Plow Co. (Agrl. Implements, Plows, Cultivators, etc.)
*Toledo Crane Co. (Cranes, Structural Iron Work, etc.)
See adv index at end of book
CADIZ—*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)
*Scott Bros. (Hardware Specialties)
*Scott C. S.
*Ward W. G. (Machinist)
CANAL DOVER—†*Wagner Bros.
CANAL FULTON—*Fulton Pitt Car Co. (Mine Cars & Wheels)
CANTON—Advance Dairy Machy. Co.
*†Alliance Foundry Co. (Grey Iron Castings)
American Forge & Machine Co.
*†American Sheet & Tin Plate Co. Roll & Machine Works (Rolling Mill Machy.)
Arctic Ice Mach. Co.
*§Balm Mfg. Co. (Brass Goods & Castings, etc.)
*§Best Light Co. (Incandescent & Vapor Gas Lamp Burners, Aluminum & Brass Castings, etc.), 477 Second N E
*†Bonnot Company (Brick, Clay Working & Cement Machy., etc.)
*†Bucher & Gibbs Plow Co. (Agrl. Impits., Plows & Cultivators)
Callaghan & Laubacher Mach. Co.
*Callaghan Machine & Die Co.
Canton Auto Parts Mfg. Co.
*§Canton Brass Fdry. Co. (Aluminum, Brass & Bronze Castings)
*Canton Bridge Co. (Bridges, etc.)
*Canton Drop Forging & Mfg. Co. (Drop Forgings & Machinists)
*†Canton Foundry & Machine Co. (Sheet Metal Working Machy., Castings, etc.)
†Canton Malleable Iron Co.
†Canton Sash Weight Co.
*†Canton Steel Foundry Co. (Stee. Castings)
†Columbia Iron & Wire Works Co.
§*D. C. Mfg. Co.
*†Dick Jos. Mfg. Co. (Agricultural Implements)
*§Diebold Safe & Lock Co. (Bank Vaults, Safes, etc.)
*Dillon Elec. Grinder Co.
*Dueber Watch Case Mfg. Co. (Watch Cases, etc.)
*†§Elbel Co. (Saddlery Hdw. & Castings)
*Engine & Machinery Co.
*§Frankham Wm. Brass & Bronze Works
*Gibbs Mfg. Co.
†Gilliam Co.
*Hampden Watch Co. (Watch Mfrs. etc.)
*Hercules Motor Mfg. Co.
Holmes Automobile Co.
†Kelly-Cohen Fdry. Co.
*Knight Mfg. Co. (Saw Mill Machy., etc.)
*Kohler F. E. Co. (Garden Tools & Hardware)
*†McLain J. H. Co. (Heating Apparatus, etc.)
*Miller C. Brownlow
*Miller Pasteurizing Machine Co. (Pasteurizing Machines, etc.)
*Ney Mfg. Co. (Haying Tools, Carriers, etc.)
*Sala Co.
*§Sun Vapor & Gas Street Light Co. (Incandescent & Vapor Street Lamps, etc.)
*Swineford G. A. Co. (Haying Tools, etc.)
*Thomas-Peter Co.
Thompson Mach. Co.
*Timken Roller Bearing Co. (Roller Bearings for Vehicles, etc.)
*†United Engineering & Foundry Co.
UNITED MACHINE & MFG. CO. (Steam & Oil Separators, Special Machinery, Dies & Contract Machine Work)
*Wagener Steam Pump Co. (Steam Pumps, etc.)
†*Weber Dental Mfg. Co.
†Widder F. E. Co.
*Whiteman Mfg. Co. (Tumbler Washers, etc.)
CARTHAGE—(See Cincinnati, O.)
CELINA—*Celina Mfg. Co. (Windmills, Pumps, etc.)
*†§Celina Machine Works
CHAGRIN FALLS—*†Falls Foundry Co.
*†Ober Mfg. Co. (Woodworking Machy., etc.)
†Falls Foundry (Iron Castings)
CHILLICOTHE — *Buser-Poston Tufting Machine Co.
*Deschler August (Machinist)
*Deweese F. M. & Co. (Lifting Jacks, etc.)
*Houser O. E.
*†Young John
CINCINNATI—*Acme Machine Tool Co. (Machine Tools, etc.)
*Advance Tool Co., Canal & Jackson
*Ahrens-Fox Fire Engine Co. (Steam Fire Engines)
*†American Laundry Machinery Co. (Laundry Machy., etc.)
American Milling Mach. Co.
*American Tool Works Co. (Machine Tools, Lathes, Planers, Shapers, Drills, etc.)
*§American Valve & Meter Co. (Water Cranes, R. R. Switches, Valves & Castings)
§Anchor Brass & Aluminum Co.
*Andrew M. L. & Co.
*Avery Drilling Machine Co.
*†Bahmann Iron Works Co. (Sugar, Coffee & Rice Plantation Machinery, etc.)
†Bardes E. H. Range & Foundry Co. (Grey Iron Castings, Stoves, etc.)
*Barnes Chas. Co., 55 Main
*†Baum J. Safe & Lock Co. (Safes), 617 E Front
Benz Adam & Son (Engineers, Machinists & Millwrights) Machinists Bank & Central
*Berghausen Machine Co., 2128 Colerain av
*†Blymyer Iron Works Co. (Iron Fdrs., Sugar, Coffee & Rice Plantation Machy.)
†Bollmann Wilson Foundry Co., 506 E Front
*§Bourbon Copper & Brass Works (Fire Hydrants, Extension Valve Boxes, etc.)
*Boye & Emmes Machine Tool Co. (Machine Tools, etc.)
*Bradford Machine Tool Co. (Machine Tools, Engine Lathes, etc.)
*Brekmer F. W. Machine & Tool Co., 815 B'way
†Bruce Jno. J. Foundry Co. (Iron Fdrs., Machine Tools, etc.), 2421 Colerain av

OHIO—Cincinnati—continued

*†Buckeye Foundry Co. (Iron Fdrs. Machinery Castings, etc.), Queen City av & Buck
*Buob & Scheu (Machinsts), 216 Webster
Burton Engng. & Machy. Co. ("Burton" Gasoline & Kerosene), Spring Grove & Alabama av
Burton Range Co. (Steel Ranges), 7th & Sycamore
*Carlisle & Finch Co. (Searchlights & Motors, etc.), 229 E Clifton av
*Carlton Machine Tool Co. (Machine Tools)
Carroll, Wm. & Son, 4220 Main (Norwood)
*Century Co., Oakley
*Champion Tool Works Co., Div. Acme Machine Tool Co. (Lathes, etc.), 4955 Spring Grove av
§Cincinnati Aluminum Casting Co., Norwood
*Cincinnati Ball Crank Co. (Machine Handles, Ball Crank), N. Oakley
*†Cincinnati Bell Foundry Co. (Bell Fdrs., etc.), 2933 Spring Grove av
*Cincinnati Car Co. (Electric Car Builders), Spring Grove & Mitchell av
*Cincinnati Coffin Co. (Caskets & Hdw.), Richmond, Carr & Fillmore
*Cincinnati Electrical Tool Co. (Electric Drills & Grinders)
*Cincinnati Elevator Works (Elevators, etc.), 212 W 2d
*Cincinnati Engineering Tool Co. (Special), Winton Pl
†Cincinnatii Fdry. Co.
*Cincinnati Frog & Switch Co. (Frogs, Switches, etc.)
See adv index at end of book
*Cincinnati Gear Co. (Gears, etc.), 1815 Reading rd
*Cincinnati Grinder Co. (Universal Grinders, etc.), 3233 Colerain
*Cincinnati Lathe & Tool Co. (Machine Tools, etc.), Oakley
*Cincinnati Metal Refining Co.
*§Cincinnati Mfg. Co. (Brass & Bronze Fdrs. & Ornamental Iron, Brass & Bronze Works)
*Cincinnati Milling Machine Co. (Machine Tools, etc.)
*Cincinnati Planer Co. (Machine Tools), 3120 S.outh, Oakley
*Cincinnati Refrigerating Machinery Co., Lincoln av
*Cincinnati Screw Co., Twightwee
*Cincinnati Shaper Co. (Machine Tools, etc.), Elam & Garrard
†Cincinnati Steel Castings Co. (Steel Castings), Queen City & Spring Grove avs
Cleveland Cutter & Reamer Co., The, 1619 Merwin av
*Clifton Motor Works (Gasoline Engines), 229 E Clifton av
*Cluthe G. Co. (Edge Tools & Hdw. Specialties), 28 E Court
*Columbia Iron Works (Bldrs.' Iron Work), 721 Reading rd.
*Consolidated Time Lock Co. (Time Locks, etc.), 2268 Spring Grove
*Conway Clutch Co. (Friction Clutches, Pulleys, etc.), 1956 W. 6th
*Crane & Breed Mfg. Co. (Metallic Burial Cases, etc.), 1227 W 8th
Crescent Tool Co. (Special), 2nd & Elm
*Curran Jas. H. Elevator Co. (Elevators), 114 W 2nd
*†§Day J. H. Co. (Laboratory & Pulverizing Machinery, etc.)
§Deckebach F. C. Sons Co. (Brass Fdrs. & Finishers), 123 W Court
*§Douglas Jno. Co. (Plumbing Goods), Carthage
*Dreses Machine Tool Co. (Machine Tools, etc.)
*Dunn W. C. Co., 832 W 6th
*§Edna Brass Mfg. Co. (Car & Motor Brasses & Castings)
*§Electric Railway Equipment Co.
†Elmwood Castings Co. (Grey Iron Castings, etc.), Murray rd
*§Enterprise Brass & Plating Co. (Carriage Mountings, Brass Finishers & Platers, etc.), 6th & Baymiller
†*Erhart, Chris, 1237 W 6th
*§Eureka Brass Works (Brass Valves, Unions, etc.), 1040 Hulbert av
*†Fay J. A. & Egan Co. (Woodworking Machy., etc.)
§Fewlass Leen Brass & Iron Co. (Brass Fdrs. & Finishers), 610 E Front
Fischer Special Mfg. Co., 2076 Reading rd.
*Fosdick Machine Tool Co. (Machine Tools)
*Freeman Louis G. Co. (Shoe Machy.), 909 Sycamore
*Frisbie Engine & Machine Co. (Engines, etc.), 33 E Water
*Gerding Bros., 3rd & Main
Globe Brass Foundry, 60 Elm
Gordon Machine Co., 650 Evans
*†Gray G. A. Co. (Machine Tools)
*Greaves, Klusman Tool Co. (Machine Tools
*†Grossius Jno. Furnace Co. (Warm Air Furnaces, Heaters, etc.), 318 E 8th
*Halls Safe Co. (Safes & Bank Vaults), P. O. Box 846
See adv index at end of book
*†Hammond Heating Co. (Hot Air Furnaces, Heating & Ventilating, etc.), 130 E Pearl
*Hardisty & Co. (Augers, Machine Knives, etc.), Garland, Linwood
*†§Haven Malleable Castings Co. (Malleable Iron Fdrs. & Carriage Hdw.)
*Hempelman & Hector (Special Machinery, etc.), 120 Longworth
*Hilbert Machine Co. (Machine Tools), 2116 Colerain av
*Hisey-Wolf Machine Co. (Machine Tool Grinders, Drills, etc.)
Homan & Co. (Candle Moulding Machinery, etc.)
*†Houston, Stanwood & Gamble Co. 3rd & Philadelphia
†Huenefeld Co. (Steel Ranges, etc.)
*Ideal Concrete Machinery Co. (Concrete Block Machinery), 1346 Monmouth av
*Ideal Machine & Tool Co., 128 Longworth
*§Incandescent Light & Stove Co., Madisonville
*International Harness Machinery Co. (Harness & Leather Working Machinery), 708 B'way
*Johnston Robt. C. & Co. (Machinists & Engineers), 620 Lodge
*Johnston Wm. T. Co., 3d & Vine
*Kammen Walter Mfg. Co., 3258 Spring Grove av
*Keene Geo. C. & Co. (Sheet Metal Workers' Machinery & Tools), 2327 Florence av
*Kiefer Karl Machine Co. (Filter Presses, etc.), 919 Martin
*King Machine Tool Co. (Machine Tools), Clifton av. & B. & O. & S. W. R. R.
*Kingery Mfg. Co. (Peanut Roasting Machinery, etc.), 420 E Pearl
*Kinsey E. A. Co., 331 W 4th
§Kinsley J. R. (Brass Fdrs.), 115 E 6th
§Kirkup Robt. & Co. (Plumbers' Brass Goods, etc.), 616 Lodge
†Klaine F. A. Co., Front & Central
*Koenigkramer F. & F., 1914 Western av
*Kuehnle Jno. & Son (Edge Tools, Machinists' Bits & Cutters for Woodworking Machinery), 2110 Coleraine
*†§Laidlaw Works (Worthington Pump & Machinery Corp.), (Pumping Engines & Machinery, etc.)
*†Lane & Bodley Co. (Air & Gas Compressors, Corliss & Slide Valve Engines, etc.), Tennessee av & Paddock rd
*Le Blond R. K. Machine Tool Co. (Machine Tools, etc.)
Limberg Enameling Co., Florence av
*Lodge & Shipley Machine Tool Co. (Machine Tools, etc.)
*†§LUNKENHEIMER CO. (Brass & Iron Fdrs., Steam, Water & Engineering Specialties), Executive Offices & Factories, Waverly & Beekman
See adv index at end of book
McGowan John H. Co. (Pumping & Tobacco Machy.)
See adv index at end of book
*MacLeod Co. (Paint Spraying Machines, Air Compressors, etc.)
See adv index at end of book
§Messmer Andrew Co. (Brass Fdrs. & Finishers), Patterson nr. Bank
*Metzger J. Mfg. Co. (Machinists), 2165 McLean av
*Miller, Du Brul & Peters Mfg. Co. (Cigar & Cigarette Machy., etc.), 507 E Pearl
†Miller Wm. Range & Furnace Co. Ranges, Furnaces, etc), 125 E 5th
†Modern Foundry Co., 4601 Marburg
Monarch Tool & Mfg. Co., The, 122 Opera pl
*†§Monitor Stove Co. (Stoves, Ranges, etc.), C. H. & D. Ry. nr. Gest
*†Morris Jno. B. Foundry Co., Court & Harriet
*†Mowrey Car Wheel Works Co. (Grey Iron Castings, Brake Shoes, etc.)
*Muehlmatt Adolph (Tools, etc.), Lion bldg
*Mueller Machine Tool Co. (Machine Tools, Radial Drills, etc.), 2427 Colerain av
*§Murdock Mfg. & Supply Co., 426 Plum
§National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc.)
*National Elevator Co. (Elevators, etc.), 124 Longworth
*National Machine Tool Co. (Key-Seating Machines & Milling Tools)
*Neibling F. W. Co. (Ice Machines & Fittings), W 6th & Baymiller
*Neil & Smith Electric Tool Co. (Electric Drills & Grinders), 8th & B'way
*†§Newman Mfg. Co., 722 Sycamore.
See adv index at end of book
*§Nichol Thos. J. & Co. (Brass Fdrs. & Finishers' Plumber Goods), Pearl & Ludlow
*Nunning Frank & Son (Machinists, etc.), 215 W. 2d
*†Oakley Machine Tool Co., Oakley
†Oberhelman J. A. Foundry Co.
*Oesterlein Machine Co. (Machine Tools, etc.),
Ohio Brass & Copper Co., 412 Elm
*Ohio Knife Co. (Machine Knives, etc.)
§Ohio Pattern Works (Brass Castings, etc.), 2730 Spring Grove av
*Oldroyd Mining Machine Co., 621 W Front
†Peerless Fdry. Co. (Grey Iron Castings), Carthage
Peters Bossert Co., 617 E Pearl
*§Pfau Mfg. Co. (Plumbing Supplies), Mentor & Huston, Norwood
Pfister Wm. H. (Engineering & Surveying Instruments, etc.), 220 W 4th
*Post-Glover Electric Co. (Elec. Railway & Mine Specialties), 308 W 4th
*§Powell Wm. Co. (Steam Engineering Specialties & Brass Fdrs.) 2525 Spring Grove av.
See adv index at end of book
Printing Machinery Co., 3rd & Lock
†*Queen City Fdry. Co., Spring Grove & Alabama
*Queen City Machine Tool Co. (Machine Tools), 1405 Sycamore
*Rahn-Larmon Co. (Machine Tools, etc.)
*Randall J. D. Co. (Harness & Horse Collar Machinery), 610 W Court
*†§Randle Machinery Co. (All Kinds of New & Second Hand Rebuilt Machinery), C. H. & D. Ry. & Powers, Cumville
*Rechtin Louis E. & Bro. (Woodworking Machinery), 215 Butler
*Reedy H. J. Elevator Co., Inc., 15 W 2nd
*Rich Pump Co. (Pumps, etc.), South & Depot
*§Richter Brass Co. (Plumbers' Brass Goods), 210 E 9th
*Robinson J. M. Mfg. Co. (Sheet Metal Workers' Machines & Tools), 3282 Spring Grove av
*Ross-Moyer Mfg. Co. (Harness Machinery)
*Schacht G. A. Motor Truck Co. (Machinery Specialties), Gest & Evans
*Schellenbach-Hunt Tool Co. (Reamers, etc.), Murdock bldg
*†§Schreiber L. & Sons Co. (Structural Iron & Steel Work, etc.), 3860 Ivanhoe
*Shriver O. P. & Co. (Hardware, etc.), 621 E Pearl
§Schroder J. B. & Co. (Builders' Hardware, etc.), 133 E 5th
*Shepard Lathe Co. (Machine Tools), Canal & Jackson
*Sicking Barnard, 1931 Freeman av
Simmons W. H. & Co. (Machinists), 208 Lawrence
*Simpson-Orville Co. (Flour Mill Machinery)
*†§Smith & Johnson Mfg. Co., 2031 Elma
*†Stacey Mfg. Co. (Bldrs. Iron Work, Bench Castings, etc.), Big Four R. R. & Township av, Elmwood
*Standard Die Co. (Cutting Dies, etc.), 1019 Vine
*Standard Parts Co., Hess Plant (See Cleveland)
*†§Standard Pulley Co., 1734 Powers
Steel Forgings Co., Oakley
*Steptoe Jno. Co. (Shaping Machines, etc.), 2951 Colerain av
*Stewart Iron Works Co. (Jail & Cell Work, Iron Work, etc.)
Stewart Iron Wks., The, 237 Stewart blk. *See adv index at end of book*
*Stuebing Automatic Machine Co., 308 Walnut
*Tatum Sam'l C. Co. (Binders & Printing Machinery)
Thompson Spot Welder Co. (Welding Machines)
*Tool Steel Gear & Pinion Co. (Gears & Pinions), Township av. & Elmwood pl
*Towsley Jno. T. Mfg. Co. (Woodworking Machinery, etc.), Evans, N of Gest
*§Triumph Electric Co. (Dynamos, Motors, Generators, Brass & Bronze Castings, etc.), Oakley
*Triumph Ice Machine Co. (Ice Machines, Cranes, etc.), Oakley
*Triumph Mfg. Co. (Bakers' Machinery)
*Tucker Machine Co. (A. P. Tucker, Prop.), (Tool Grinders, etc.), 222 E 9th
*United States Electrical Tool Co. (Electric Portable Hand Drills & Grinders)
See adv index at end of book
United States Lathe & Mach. Co.
United States Mach. Tool Co.
*Universal Equalizer Co., Opera Pl
*§Van Duzen E. W. Co. (Pumps, Bell Fdrs. & Gongs), 428 E 2nd
Van John Range Co., 5th & B'way
*Verdin, Kappes & Verdin Co. (Sheet Metal Working Machinery)
*§Victor Safe & Lock Div., The Safe-Cabinet Co. (Safes, Bank Vaults, etc.), Norwood

*WARNER ELEVATOR MFG. CO. (Electric & Hydraulic Elevators), Spring Grove av, Alfred & Valley
See adv index at end of book
*Watkins Motor Co. (Gas & Gasoline Engines, etc.), 828 W 6th
*Weir Frog Co. (Frogs, Switches, Crossings, etc.)
†Wessling Bros. Foundry Co., Liberty & McLean
*Western Automatic Machine Co. (Slot Machines), 34 E Court
§Williams D. T. Valve Co. (Valves, Steam Traps, Steam Separators, etc.)
*†Williamson Heater Co. (Iron Fdrs), 339 W 5th
*Wolf Electrical Promoting Co. (Cloth Cutting Machinery), 5th & Sycamore
*Wright Traffic Signal Co., 344 W 6th

CIRCLEVILLE—*†Haswell Steel Range & Furnace Co. (Stoves, Ranges, etc.)
*Lutz J. H. (Light & Specialty Machinery, etc.)

CLEVELAND—Accurate Machine Co., 1071 Power av
*Accurate Machine Co., E., 134th & Coit rd
*Acme Machinery Co. (Bolt, Nut & Rivet Machinery), 4533 St. Clair av
Acme Palmers & De Mooy Foundry Co. (Light & Medium Grey Iron Castings), 5217 Sweeney av S W
*Adams-Bagnall Electric Co. (Arc Lamps, etc), Platt av
§Advance Bronze & Aluminum Foundry Co., E. 99th & Meech av
*Advance Engineering Co., Metta av
*§Aetna Brass Mfg. Co., 1631 E 55th
*Ajax Mfg. Co. (Bolt & Nut Machy), 3830 Lakeside av
*Allen Machine Co. (Tapping Machines, etc), 1585 Columbus rd
†*Allyne-Ryan Fdry. Co., Aenta rd & E 91st
§Aluminum Mfrs., Inc., 2210 Harvard av
§American Brass Mfg. Co. (Brass Finishers, etc.), 1521 E 49th
*†American Fork & Hoe Co. (Forks, Hoes, etc), Swetland bldg
†American Multigraph Sales Co., 1833 E 40th
*†§American Ship Building Co. (Ships, Engines, etc.), ft. of W 54th
*†§American Steel & Wire Co., Western Reserve bldg. (See Chicago).
See adv index at end of book
*†American Stove Co. (Steel Ranges & Gas, Gasoline & Oil Stoves), 1787 E 40th.2 (See St. Louis, Mo.
*Ames Bag Machine Co., 5606 Euclid av
*Anderson Rolled Gear Co. (Rolled Gears, etc), Berea rd & L. S. & M. S. Ry.
*ANDERSON V. D. CO. (Cylinder Dryers, Filters, Presses, Traps, etc.), W 96th
See adv index at end of book
§Arth Brass Aluminum Casting Co., 1378 E 33rd
†Atlantic Foundry Co. (Iron Fdrs, etc.), Morgan av & Groton
*§Atlas Brass Mfg. Co. (Plumbers' Specialties), 332 Lakeside av, N W
†Atlas Fdry. Co.
*Automatic Stamping & Machine Co., 7803 Madison
Automobile Screw Products Co., E 152nd & N. P. R. R.
*Bardons & Oliver (Machine Tools, Turret Machines, etc.)
*BARTLETT C. O. & SNOW CO. (Elevators, Conveyors, Dryers, Crushers, etc.), French
See adv index at end of book
*Benson A. M. & Co. (Barrel & Stave Machinery)
*§Bishop & Babcock Co. (Brass Founders, Pumps, Soda Fountains, Bottlers Machinery, etc), 1204 E 55th
Bloomquist Eck Machine Co., 1146 E. 152nd
*Bollinger & Rieley Machine Co.
*Boom Boiler & Welding Co., 1615 Merwin av
*†§Born Steel Range Co. (Steel Ranges & Cooking Apparatus), 3945 W 25th
Bowen Products Corp.
See adv index at end of book
*†Bowler Foundry Co. (Iron Founders), 1688 Columbus
*Brierly Machine Co., 1736 E 22d
*Brightman Furnace Co. (Power Transmitting Machinery), 2570 B'way
*Brightman Machine Co. (Power Transmitting Machinery), Quincy & C. & P. Ry.
†Broadway Fdry. Co., 8001 Franklin
†Brooks T. H. & Co. (Iron Founders' & Builders' Iron Works)
†Brookside Brass Fdy. & Mfg. Co., 2315 Selzer av S W (Plumbers supplies)
*†Brown Hoisting Machinery Co. (Coal & Ore Handling Machy., etc.), 4403 St. Clair, N E.
Browning Co. (Cranes, etc.), E 162nd & Waterloo rd., N E
*Bruce-Macbeth Engine Co. (Gas Engines)
§Buckeye Brass & Mfg. Co. (Brass Founders & Finishers), 6410 Hawthorne
*Bultman F. H. Co. (Gear Cutting Machines, etc), 2108 Superior Via
*Burton & Johnson Co. (Pumps, Engines, etc.), 2301 Center av
*Cady Machine Co.
*Carl Max J. Machine Co. (Jobbing), Blackstone bldg
*Carter Wm. D., 1232 E 3rd
Carey Machine Co., 5605 Curtiss av
*§Central Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 6206 Cedar
*Champion Machine & Forging Co. (Forgings), 3690 E 78th
See adv index at end of book
*Champion Stove So. (Stoves, etc.), 4001 W 25th
*†Chandler & Price Co. (Printing Presses & Machy), 6000 Carnegie av
*Chase Machine Co. (Engines, etc), 2313 Elm
*§CHICAGO PNEUMATIC TOOL CO. (Pneumatic Tools), E 49th & Lakeside (see Chicago, Ill.)
See adv index at end of book
*†§Chisholm & Moore Mfg. Co. (Castings, Chain Hoists, etc.), 5046 Lakeside av N E
*City Brass Foundry Co. (Brass & Composition Castings), 5318 St. Clair av
*City Foundry Co. (Grey Iron & Semi-Steel Castings), 45th & Hamilton
*City Machine Co. (Special Machy. & Macaroni Machy), 5321 St. Clair
*Clark-Mesker Co., 18511 Euclid av
*Clay Engine Mfg. Co., 864 E. 72nd
*Cleveland Aluminum Casting Co. (Aluminum, etc.), 905 Addison rd
*Cleveland Armature Works Inc. (Dynamos & Motors, Armatures, etc), 4736 St. Clair av
*Cleveland Automatic Machine Co. Machine Tools), 2269 E 65th
*Cleveland Block Co. (Malleable Iron Tackle Blocks), 1173 W 11th
*§Cleveland Brass Mfg. Co., 4606 Hamilton
§Cleveland Brass Works, 1525 E 49th
*Cleveland City Forge & Iron Co.
†Cleveland Co-operative Stove Co. (Stoves), 2323 E 67th
CLEVELAND CUTTER & REAMER CO. (THE), 1619 Merwin av
See adv index at end of book
*Cleveland Die & Mfg. Co. (Dies, etc.), 744 E 82nd
*Cleveland Elect. Motor Co., 5313 Windsor
†Cleveland Electro Metals Co. (Aluminum Ingots), 2397 W 38th
*§Cleveland Faucet Co. (Faucets, Air Compressors, Pumps, etc), 1205 E 55th
*Cleveland Folding Machine Co., 5200 Euclid av
*Cleveland Frog & Crossing Co. (R. R. Frogs, etc.), 6917 Bessemer av
*Cleveland Gas Meter Co. (Mfrs.), 2180 E 65th
*Cleveland Hardware Co. (Hardware) Lakeside av & E 45th
*Cleveland Knife & Forge Co., 1960 W 114th
*Cleveland Machine Tool Co. (Machine Tools)
*Cleveland Machine & Mfg. Co. (Rolling Mill Work & Forgings), 4944 Hamilton av
*Cleveland Metal Products Co. (Oil Stoves), Platt av & C. & P. R. R.
Cleveland Metal Stamping Co.
Cleveland Motor Devices, 5269 Prospect av
Cleveland National Machine Co., 1366 W 70th
*†Cleveland Planer Works (Machine Tools, etc.), 3150 Superior
*Cleveland Pneumatic Tool Co., 3734 E 78th (Pneumatic Tools)
*Cleveland Punch & Shear Works Co. (Punching & Shearing Machinery, Grey Iron Castings, etc.), 3921 St. Clair av, N E
*†Cleveland Rubber Mold Foundry & Machine Co., Warner rd
*Cleveland Specialty & Mfg. Co.
*†Cleveland Steel Casting Co.
*Cleveland Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av
Cleveland Tool & Supply Co. (Dealers), 1427-37 W. 6th
*Cleveland Tractor Co., Euclid & Lamb av
*Cleveland Twist Drill Co. (Twist Drills, Reamers, etc.), 1 E 49th
*Cleveland Welding & Mfg. Co., W 117th & Berea rd
*Climax Motor Devices, 5209 Prospect av
*Clough & Witt Machine Co. (barrel machy.), 1740 Columbus rd
*§Cochrane John A. Brass Mfg. Co. (Brass Goods, etc.), 1403 E 40th
*Colburn Machine Tool Co. (Boring & Turning Mills, Saw Tables, Drills, etc.), 1024H Ivanhoe rd
*Colburn Machine & Tool Co., Ivanhoe rd
*Collamer Machine Works, 1214 E 152nd
Collinwood Foundry, 17004 Waterloo rd
*†Columbian Hardware Co. (Hdwe & Specialties)
*Cooper Spring Co (Carriage Springs, etc.), Leader New bldg
Cowles Tool Co., 2086 W 110th
§Crescent Brass Products Co. (Brass, Copper, Aluminum, Zinc & Steel Spinning Fixture Parts, etc.), 8410H Lake av
†Crucible Steel Casting Co. (Steel Castings)
Cummer F. D. & Sons Co. (Asphalt, Brick Machy., etc.), Superior Arcade
Cuyahoga Machine & Tool Co., 12416 Euclid av
Cuyahoga Tool Co. (Tractor Parts), E 103rd & Harvard
*D. & L. Machine & Mfg. Co., 1529 E 49th
Damascus Brake Beam Co., London rd & Nickel Plate
*Darling Machine Co., 2110 Superior av, N W
*§Daykin Bros. (Pumps), 1606 W 25th
*Deamude Machine Co., 1591 Columbus rd
*Dickey-Grabler Works, W Madison & 103rd
*Diebold Products Co., 5333 St. Clair
Dill Mfg. Co., 684 E. 82nd
Drake Process Machinery Co. (Carton Marking Machines), 2344 E 105th
Drop Die & Engineering Co., 5606 Curtiss av
*Duplex Hanger Co. (Joist Hangers), E 53rd & Lakeside av
*Dyer Co. (Sugar Machinery), 2031 Euclid av
*East Shore Machine Products Co., E 140th & Aspinwell av
*†Eberhard Mfg. Co. (Saddlery Hdw. & Specialties), C. & P. Ry & Tennyson rd
†Economy Stove Co. (Gas Ranges, etc.) 2108 Superior
*Edmonds Elevator Co. (Elevators), 519 Champlain
*Elliott Electric Co. (Electrical Machinery), 813 Superior
*Elwell-Parker Electric Co. (Electric Industrial Trucks)
*§Empire Brass Mfg. Co. (Brass Fdrs. & Furnishers, Plumbers' Goods), 10301 Berea rd
*Empire Plow Co. (Agricultural Implements, etc.), 3140 E 65th
*Eureka Machine Co. (Brewers' & Maltsters' Machinery)
*Evers Iron Works (Special Machy.), 1569 Merwin N W
Fairmount Tool & Forging Co., 10611 Quincy av
†*Fanner Mfg. Co.
*§Farnan Brass Works Co. (Brass Fdrs. & Finishers, Steam & Plumbing Goods), 1105 Center
*Federal Gear Co. of Cleveland
†Ferro Machine & Foundry Co. (Grey Iron Castings for Automobiles, Trucks & Tractors), E 66th & Hubbard av
*†Ferrosteel Co. (Hot Air Registers, etc.), 425 Prospect av N W
*Fitzsimons & Co. (Polished Steel Shafting, etc.), 2469 B'way S E
*Fix's S. Sons (Steam Flue Welding, etc.), Leonard & Winter
*Foote-Burt Co. (Machine Tools), 4101 St. Clair av
Ford-Clark Co., 3125 Perkins av
†Forest City Fdy. & Mfg. Co. (Hot Air Furnaces, Grey Iron Castings, etc.), 2202 Elm av
*Franke H. Steel Range Co. (Steel Ranges, etc.), Harvard & E 103rd
*§Fulton Foundry Co. (Grey Iron Castings), 1209 Marquette
*Gardner-Bryan Co., 419 Frankfort
*Gas Machinery Co., 1900 Euclid av.
*Geier P. A. Co. (Special Machy., etc.)
§General Bronze Fdry. Co., 4800 Hamilton av
*Gerlach Peter Co. (Pail, Keg, Barrel & Shingle Mill Machy., etc.), 1712 Winter
*§Glauber Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 49th & Superior av
§Globe Brass Mfg. Co. (Brass Goods & Finishers), 5532 Perkins ct, N E
*Globe Machine & Stamping Co. (Special Machy. & Parts), 1250 W 76th
*Goby Engine Co. (Gasoline Engines)
*†Grabler Mfg. Co. (Grey & Malleable Iron Castings, Plumbers' Specialties, etc.)
*Grant-Lees Gear Co. (Auto Gear Transmission), 2367 E 69th
Grant Tool & Gauge Co., 136 E 3rd
Gravity Carburetor Co., Woodland av
Hahn Mfg. Co., 5332 Hamilton av
*Harris Automatic Press Co. (Printing Presses), E 71st
§Harsch John Co
*Hart Mfg. Co. (Pipe Cutting & Threading Machines)
*Hartz Henry V. Co. (Special Machy., etc.), Cuyohoga & Mahoning av
*†§Hill Clutch Co. (Power Transmitting Machinery, also Special Machinery, etc.), W 65th
§Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd

OHIO—Cleveland—continued
*Hohlfelder F. Co. (Hdw. Specialties, Metal Beds, etc.), 1197 W 67th
*Holan Metal Products Co., The, W. 40th & Clark av
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*Homer Commutator Co. (Commutators), 4748 Hough av N E
*Horning Electric Mfg. Co. (Electric Blowers & Exhausters)
*Horsburgh & Scott Co. (Gears), 5114 Hamilton av, N E
†Horvath Geo., 8209 Holton
Hunger H. J. Brass Wks., 928 Champlain
Hunger & Scherdegger (Brass Fdrs.)
*Hunt & Dorman Mfg. Co. (Tin, Sheet Iron, Brass & Copper Work, etc), 1600 E 24th
§Ideal Bronze Co. (Brass & Comp. Castings, etc), 1265 E 55th
Iler Co., 6605 St. Clair
*Imperial Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av
*Independent Register & Mfg. Co. (Registers, Gas Heaters & Specialties), 713 Frankfort
*Industrial Machine Co., 2160 Superior
†International Foundry, 6601 Morgan av
International Machine Tool Co., 1111 Power av
†Interstate Foundry Co. (Light & Heavy Grey Iron Castings, etc.), E 61st & Erie R. R.
*Jackson C. E. & Co. (Machinist), 518 Prospect, N. W.
†*James Mfg. Co.
*Johns Engineering Co., 625 Champlain av
See adv index at end of book
*John's Stamping & Machine Works Co., 1715 Leonard
*†Johnston & Jennings Co. (Cranes, Castings & Rolling Mill Machy), Addison Rd & N. Y. C. R. R.
See adv index at end of book
§Kayline Co., 312 High av
§K. & M. Brass & Aluminum Castings Co., Harvard & E 108th
*Kelly Reamer Co. (Reamers), 1553 Columbus rd
*†§Kilby Mfg. Co. (Wire & Sugar Machinery, Heavy Castings, etc), 4623 Lakeside av
*King Bridge Co.
§King Bronze & Aluminum Fdry. Co., 1734 E 37th
Kinzig Tool Co., 1239H W. 3rd
*Kirk-Latty Mfg. Co. (Bolts, Screws & Children's Steel Express Wagons & Velocipedes, etc.), 1971 W 85th
*Konigslow E. Stamping & Tool Wks. (Dies, etc.)
Kremer-Cummins Machine Co., 1833 E 55th
Kuhlman, G. C. Car Co. (Electric Car Bldrs.), Adams & L. S. & M. S. Ry.
Laganke Chas. F. (Jobbing), 116 St. Clair av, N E
§Lake Erie Smelting & Refining Co., 7900 Bessemer av
*Lakewood Engineering Co. (Cars, Concrete Mixers, etc.)
Lamson & Sessions Co. (Bolts, Nuts, Rivets, Wrenches & Wire Rope Cups), 2188 Scranton rd, S W
Langenau Mfg. Co. (Brass & Iron Hdw. Specialties), 8403 Franklin av N W
*Lannert Co.
*Laundryette Mfg. Co., H E. 152nd
Leader Brass Fdry & Mfg. Co.
*Lees-Bradner Co. (Cut Gears, etc.)
Lewis Machine Co. (Wire Core Cutting & Straightening Machinery), 6303 Central
§Levy Albert D. (Aluminum Castings, etc.)
*Lincoln Electric Co. (Electric Welding Machines, Dynamos, Motors, etc.)
*§Loew Mfg. Co., 9100 Madison av, N W (Brewery Machinery)
*Long-Arm System Co. (Ship Fittings, etc.), Lakeside & E 38th
*Lucas Machine Tool Co. (Machine Tools, etc.), 524 E 99th
*McKenna Co., 1851 E 38th
*†McMyler-Interstate Co. (Bridge Builders)
Machine Products Co., E 179th & St. Clair
*†Madison Foundry Co. (Light & Heavy Machinery Castings, Grate Bars, Columns, Sewer Castings, etc.)
*Maskell J. H. Machine & Mfg. Co. (Special Machy, etc.), 1419 E 40th
*Mather W. H. H. (Machinists), 105th & Quebec av S E
†Meech Foundry & Castings Co., 9940 Meach av S E
*Metal Parts Mfg. Co., 1084 E 152nd
*Metals Welding Steel Products Co., 4400 Perkins av
*Miller Chemical Engine Co., 1411 W 9th
*Minerva Engine Co., E. 71st
*Monarch Aluminum Ware Co., 4613 Payne av
*§Monarch Brass Co. (Plumbers Brass Goods)
§Morreau Co. (Gas & Elec. Fixtures), 1305 Oregon av N E
*Motor Products & Engineering Co. (Automobiles), E 61st
*Murphy Boiler Co., 3263 W 73rd
National Acme Co. (Screw Machines, etc.), 7500 Stanton av, S E
*National Adding Machine Co. (Adding Machines), 1366 W 70th
*§National Bronze & Aluminum Fdry. Co. (Aluminum & Bronze Castings), 2539 E 79th
†National Car Wheel Co., 2120 W 106th. (See Pittsburg, Pa.)
†National Malleable Castings Co. (Malleable Iron Castings for R.R., etc.), 7706 Platt av, S E
*National Safe & Lock Co.
National Steel Products Co.
*†New Process Stove Co. (Division of American Stove Co.), 4415 Perkins av
*†Nicholls Wm. H. Co., Inc.
See adv index at end of book
†Nickel Plate Foundry Co., Woodworth & Coit rd, Dept H
*North American Mfg. Co., 5902 Carnegie av
*Ohio Body & Blower Co. (Blowers. Steam Separators, etc.), 9300 Detroit av
*Ohio Electric Works (Dynamos, etc), 112 Colonial av
*Ohio Electric & Controller Co., 5900 Maurice av
See adv index at end of book
*Ohio Fageol Motors Co., 2539 E. 79th
†Ohio Foundry Co. (Iron Fdrs.), E 71st & Stanton
*Ohio Instrument Mfg. Co., 5900 Carnegie av
†Ohio Machine & Boiler Co., 1510 University rd
*Ohio Motor Vehicle Co., Oakview & Nottingham rds
*Ohio Trailer Co., Nottingham & Oakview
*Oram Jno. S. Co. (Barrel, Stave & Heading Machinery), 1316 E 53rd
*Oster Mfg. Co. (Pipe Cutting & Threading Machines), 2057 E 61st pl
†Otis Steel Co., Leader News bldg
*†Palmer & De Mooy Foundry Co. (Grey Iron Castings & Machine & Brass Pattern Shop), 1658 Leonard N W
*§Paramount Brass & Mfg. Co., 2187 E 2nd (plumbers supplies)
*†§Peck, Stow & Wilcox Co., W 3d c Cuyahoga av S W. (See Southington, Conn.)
*Peerless Automatic Machine Co. (Screw Machines & Screw Machine Products), 1962 W 77th
*§Peerless Motor Car Co., Quincy av & E 93d
*Pennsylvania Picton Ring Co., 203 St. Clair av N. E.
*Peters Machine & Mfg. Co., 7320 Madison av
*Phoenix Ice Machine Co., 2711 Church av
†Pioneer Alloy Products Co., Inc., 16601 Euclid av
*Pioneer Machine & Engineering Co., Merwin av
*Pipe Machinery Co. (Pipe Bending & Cutting Machines, etc.), 930 E 70th
*Plotz Wm. (Tools, etc.), 401 Champlain av N W
*Prague Mfg. Co.
§Premier Aluminum Foundry Co., Nickel Plate & Ivanhoe rd
Prey Machine & Bren Foundry Co., 936 E 72nd
§Regar Brass Co. (Plumbers' Brass Goods, etc.), 1523 E 45th
*†§Reliable Stove Co. (Gas Heaters, Ranges, etc.), 1787 E 40th
*RELIANCE ELECTRIC & ENGINEERING CO. (Electric Motors, etc.), 1064 Ivanhoe rd
See adv index at end of book
*Reliance Gauge Column Co. (Steam Specialties, etc.)
*Republic Tool & Mfg. Co., 1399 W. 9th
*§Rickersberg Brass Co. (Plumbers' Brass Goods, Perkins & E 37th
*Ross Mfg. Co. (Wheel Trueing Tools), 3160 W 106th
*Round D & Son (Hoisting Machinery) Penn R. R. & Henry
*§Royal Brass Mfg. Co., 1417 E 43d
*§Russ Co. (Ale & Beer Pumps, etc.), 5700 Walworth av
*S.-P. Manufacturing Co. (Special), 872 E 72nd
*Sabin Machine Co. (Special Machinery), 6536 Carnegie av
Salisbury Ball Bearing Co., 3741 E 93rd
§Sanitary Co. (Brass Fdrs. & Finishers, Plumbing Goods)
*Sawyer Gear & Mfg. Co., 5120 St. Clair av, N E
§*Scott-Ulman Co., 3311 Perkins av
*Shields Cutter Co., 18611 Euclid av
*Sly W. W. Mfg. Co. (Tumbling Mills, Foundry Equipment, etc.), 4700 Train av
*Smith W. A. & Co. (Hot Air Furnace), 625 Champlain
Sommer-Adams Co., E 55th & Francis
*Spotless Steam Sponger Co. (Sponging Machines), Whitney Power blk
*Stahl Gear & Machine Co., 1390 E 40th
§Standard Brass Foundry Co. (Brass Fdrs), 990 E 67th
†Standard Car Wheel Co. (Car Wheels) 6704 Bessemer
*Standard Equipment Co., Lorain av & W 106th
†Standard Foundry & Mfg. Co. (Light Grey Iron Castings, etc.), 2717 E 75th
*Standard Machinery & Equipment Co., Guardian bldg
*Standard Sand & Machine Co. (Sanding Machines, etc.), 5150 St. Clair av N E
*Standard Sewing Machine Co., 6402H Cedar av
†Standard Steel Castings Co. (Automobile Steel Castings), 3311 W. 73rd
*Stearns F. B. Co. (Auto Cars), Euclid av & Lakeview rd
§*Sterling Brass Co., 4610 St. Clair av
†Superior Foundry Co. (Grey Iron & Semi-Steel Castings), 71st & W. & L. E. Ry.
*†Taylor & Boggis Foundry Co. (Iron Stoves, Hdw., etc.)
*Tinnerman Stove & Range Co., 2038 Fulton rd
Towmotor Co. (Tractors), 1226H E. 152nd
*Trenkamp Stove & Mfg. Co. (Gas Stoves, etc.), 9806 Quincy av
Tungstolier Wks. of General Electric Co. (Gas & Electric Fixtures)
*Ulmer J. C. Co. (Engineering Instruments), 1791 E. 38th
*Union Engineering Co. (Mechanical Engineers & Millwrights & Machinists), Cuyahoga & W 4th
*†U. S. Air Compressor Co., Harvard av
*§United Brass Mfg. Co., 3844 Hamilton av
*†United States Cast Iron Pipe & Foundry Co., 1150 E 26th. (See Burlington, N. J.
*U. S. Molding Machine Co., 968 E 69th
*United States Tool Co., 3160 W 106th
*Upson Nut Co.
*Vahan Products Co., 73rd & St. Clair
*Van Dorn & Dutton Co. (Cut Gears, Pinions, Racks, etc.), 2978 Woodhill
†Vahan Foundry Co., 7000 Union av
*Variety Iron & Steel Works Co., Hamilton av & E 40th
*§Victor Brass Mfg. Co., 6813 Wade Park av
*Waldeck Anthony (Wire Dies, etc.), 7607 B'way
Walker Motor Co., H E. 131st
*Wallace Tractor Co. (Traction Engines)
†Walworth Run Foundry Co. (Warm Air Registers, Hdw. Specialties & Grey Iron Castings), 2488 W 27th N W
*Warner & Swasey Co. (Machine Tools, etc.), 5809 Carnegie av
*§Wellman Bronze Co. (Aluminum, Brass & Bronze Castings), 6017 Superior av
*†Wellman-Seaver-Morgan Co. (Cranes Rolling Mill, Ore & Coal Handling & Mining & Hydraulic Machy, 7000 Central av, S E
*†§Westinghouse Electric & Mfg. Co. (See Pittsburg, Pa.)
*†White Co. (Automobile, etc), 79th & St. Clair
*White Sewing Machine Co. (Sewing Machines), St. Clair & 79th
*Winton Engine Works (Gas Engines)
*†Winton Co. (Automobile Builders) Berea rd
*Wood & Spencer Co., 1930 E 61st
*Worden Tool Co. (Machine Knives), 1854 Scranton rd
§Wright K. L. Brass Fdry, 2397 W 38th

CLYDE — *Krebs Commercial Car Co. (Auto Builders)
COLDWATER—*†New Idea Spreader Co.
COLUMBIANA—*Banner Machine Co. (Machine Work)
Columbiana Fdry. Co.
*†§Columbiana Pump Co. (Pumps, etc.)
*†§Enterprise Co. (Steam Engines & Saw Mill Machinery, etc.)
*Theiss Henry
COLUMBUS—American Water Motor Co. (Water Motors)
§Atlas Brass Foundry Co., The,
See adv index at end of book
*§Atlas Brass Foundry Co., 980 Park S.
†Bonney-Floyd Co. (Steel Castings)
Borger Bros. Co., 257 W Spring
*Brightman Mfg. Co. (Shafting Machinery & Polish Shafting)
*§Brown J. W. Mfg. Co. (Lamps), H Marion rd
Buckeye Drill & Lathe Co., Marion rd
*§Buckeye Pump & Mfg. Co. (Pumps, etc.)
*†Buckeye Steel Castings Co. (Car Couplers, etc.)
*Buckeye Saw Mfg. Co. (Saws, etc.)
*Budd & Banney Mfg. Co., Chestnut & Water
*Cannon Die Tool & Machine Co., 86 W Lynn
†Carlisle & Schilling Bros., Poplar av & Henry

*Case Crane & Engineering Co. (Cranes, etc.)
*Ceramic Supply & Const. Co.
Champion Engineering Co., The
See adv index at end of book
Chase Foundry & Mfg. Co., The (Industrial Cars, Trucks, etc.), 2700 S. Parsons av
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§City Brass Works
*Columbus Anvil & Forging Co. (Anvils, Forging, etc.)
*Columbus Auto Brass Co. (Automobile Brasses, etc.), 769 N 4th
*Columbus Auto Parts Co., E Russell
*†§Columbus Brass Co. (Brass Fdra & Finishers, Plumbing Goods)
See adv index at end of book
*Columbus Die, Tool & Machine Co. (Dies, Tools, Special Machinery, etc.), 955 Cleveland av
COLUMBUS FORGE & IRON CO. (Machinists & Forgings)
See adv index at end of book
†Columbus F'dry Co.
*Columbus Gas Engine & Machine Co., 303 Mt. Vernon av
*Columbus Heating & Ventilating Co. (Hot Air Furnaces, etc)
*†§Columbus Mach & Fdy Co.
*†Columbus Malleable Iron Co. (Malleable Iron Fdrs., etc.)
†Columbus Plow Mfg. Co. (Agrl. Implements), Davis av
*Columbus Scale & Repair Co., 142 W Long
*†Columbus Steam Boiler & Heater Co. (Boilers, Heaters, etc.)
*Columbus Steam Pump Works Co. (Steam Pumps)
Columbus Structural Steel Co.
*Columbus Wire & Iron Works Co.
*Eaton Machine Works (Repair Work of All Kinds), 37 S Scioto
†Elder & Henry
†Emrich C., 371 S Heigh
*§Federal Mfg. Co. (Gas Fixtures & Brass Finishers), 168 W Long
*Foster Gear Co., 246 Kaiser
*Franklin Die & Tool Co. (The)
*Hearn J. C. Machine Works (General Jobbing), 38 W. Swan
†Hertenstein M. Co. (Stoves & Ranges), 1409 S High
*§Hocking Valley Ry. Shops
*Hoover J. B. (Machinists & Surgical Instruments), 619 N Fourth
*Ideal Heating Co. (Machine Works), 16 E First av
*Jaeger Machine Co. (Concrete Machinery), 490 Dublin av
***§JEFFREY MFG. CO.** (Elevating & Conveying, Grain Elevator Appliances, Mining, Phosphate Mill, Power Transmission, etc.), 961 N Fourth *See adv index at end of book*
*Kilbourne & Jacobs Mfg. Co. (Plows, Trucks, Cart & Road Scrapers, etc.) *See adv index at end of book*
*†Kinnear Mfg. Co. (Rolling Steel Shutters, etc.)
See adv index at end of book
†§Lattimer Stove Co. (Stoves, etc.)
†Loudenslager H. Foundry Co., 465 S Canal
*Lowe Bros. Machine & Engine Works (Gasoline Engines, 1½ to 400 H. P.)
*McCallip Mfg. Co., 162 W. Naghten
†McDonald F'dry.
*Miller Machine & Mould Works
*Modern Tool, Die & Machine Co., 216-220 N Fourth
*New Favorite Mfg. Co. (Washing Machinery, etc.), 183 W Maple
†O'Brien Bros., 276 W Main
*Ohio Elevator & Machine Co.
*†§Ohio Malleable Iron Co. (Malleable Castings), 961 N Fourth
*§Ohio Pump & Brass Co. (All Pumps Brass and Bronze Castings, Cocks, etc.)
*†Ohio State Stove Co. (Stoves & Ranges)
*Ohlen Bishop Co. (Saws, etc.), 931 Factory
*†Peerless Stove & Mfg Co. (Stoves & Ranges)
†Poulton Edwin & Co. (Grey Iron Castings), 15 S Scioto
*Quad Stove Mfg. Co. (Gas Stoves & Ranges)
*†Ralston Steel Car Co. (Steel Cars of All Kinds)
*Rockey Co. (Pumps), 275 E Main
†Schaefer, Wm.
†Schreyer G. Co. (Furnace Mfrs.)
*Seagrave Co. (Fire Dept. Apparatus)
†Shilling Fdry Co.
†Simplex Foundry Co.
Standard Bolt Co.
*Sun Mfg. Co. (Coffee Mills, etc.)
*Superior Die, Tool & Machine Co. (Special)
*†United States Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
*Weinman Pump Mfg. Co. (Pumps & Air Compressors), 300 Spruce

COLUMBUS GROVE—*Benroth Bros.

CONNEAUT—*Burke Machine Tool Co. (Machine Tools)
*Craftsman Tool Co. (Milling Machines)

CORNING—†Richardson Jno. (Iron Fdry., etc.)

COSHOCTON—*†Clow Jas. B. & Sons
*†Keagy & Lear Machine Co. (Carriage Axles & Special Machinery)
*†§King W. H.

CRESTLINE—*†Burch Plow Works Co. (Plows, Sewer Castings, etc.)
*†§Crestline Mfg. Co. (Seamless Brass Pump Cylinders, etc.)
*International Mfg. Co. (Grain & Seed Cleaners)
†Schill Bros. Co. (Steel Ranges, Furnaces, Castings, etc.)

CUYAHOGA FALLS—*†Falls Clutch & Machinery Co. (Power Transmitting Machinery, etc.)
Falls Engineering & Mach. Co.
*Falls Hollow Staybolt Co. (Staybolts, etc.)
†Ford F'dy & Heating Co.
†§Nute Foundry Co.
Vaughn Machinery Co. (Chain, Rubber, Wire Machinery, etc.)
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DAYTON—†Advance Foundry Co.
†American Foundry & Casting Co.
*Aughe Plow Co. (Plows, etc.)
*Barney & Smith Car Co. (Cars & Car Wheels, etc.)
*†Brownell Co. (Steam Engines, etc.)
*†§Buckeye Iron & Brass Works (Brass & Iron Fdrs. & Oil Mill Machy.)
*†Callahan W. P. Co. (Iron Fdrs. & Engines & Oil Mill Machy., etc.)
*Carroll Engineering Co.
†Christie B. B. (Stoves, etc.)
*City Engineering Co.
*City Machine & Tool Works
Computing Appliances Co. (Computing Lard Dispenser)
*Computing Scale Co. (Computing Scales)
†Cureton Wm. & Sons
*†§Davis Sewing Machine Co. (Sewing Machines, Grey Iron Castings & Forgings)
§Dayton Brass Castings Co.
§Dayton Bronze Bearing Co.
*†Dayton Castings Co.
*Dayton Electrical Mfg. Co. (Dynamos, etc.)
*Dayton Engineering Laboratories Co. (Auto Starters)
*Dayton Fan & Motor Co. (Fans, etc.)
Dayton Glove Iron Works Co.
Dayton Machine Products Co.
*†§Dayton Malleable Iron Co.
*Dayton Mfg. Co. (Brass Fdrs., Railroad Supplies, etc.)
*Dayton Moulding Machinery Co.
*Dayton Pipe Coupling Co. (Pipe Couplings, Saddles, Sleeves, etc.)
*Dayton Pitless Scale Co. (Scales)
*Dayton Pneumatic Tool Co. (Pneumatic Tools)
Dayton Reliance Tool & Mfg. Co.
Dayton Screw Co.
*Dayton Specialty Machine Co. (Machinists)
Dayton Stamping & Tool Co.
†*Dayton Standard Scale Co.
†Dayton Steel Foundry Co. (Electric Steel Castings)
Dayton Tool Co.
Delco Light Co.
§Dennick Wm. & Co. (Brass Fdrs.)
§Duriron Castings Co.
*§Eclipse Brass Foundry Co.
*Edgemont Machine Co. (Friction Clutches, etc.)
*Egry Register Co.
*Garrison Machine Works
*Gem City Machine Co.
†Gem City Stove Co. (Stoves, etc.)
Hawker W. S. Mfg. Co., 458 E. Bacon
§Hoban Brass Foundry Co.
*†International Clay Machinery Co.
*†Joyce-Cridland Co. (Hydraulic Lever & Screw Jacks, etc.)
*†Kramer Bros.' Foundry Co. (Iron Fdrs., Labeling Machines, etc.)
*†Kuhns Bros. (Cast Iron Fittings, etc.)
*Legler-Eilerman Co. (Machine Parts, Finished & White Metal Castings)
*Limler Machine Tool Co.
*Liberty Tool & Production Co.
*Lincoln Tool Co.
Lucas Miner Tool & Production Co. (Power Pumps, etc.)
§Miami Brass Fdry. Co. (Brass Fdrs.), Miami Engineering Co.
Miami Tool & Die Co.
Monarch Engng. Co., 230 E First
Montgomery Tool & Mfg. Co., 1st & Madison
Moore Eastwood Co., 116 E 4th
*§National Cash Register Co. (Cash Registers, etc.)
*North Side Tool Co., 17-19 Maryland av
*†§Ohio Rake Co. (Agrl. Implts. Sulky Rakes, etc.)
Ohio Tool Co.
*Ohmer Fare Register Co.
*†§Platt Iron Works Co. (Turbines & Machinery, etc.)
*Plocher Andrew Sons Co. (Forgings, etc.)
*Recording & Computing Machines Co.
Recording Devices Co.
*Roberts Geo. J. Co. (Water Motors, Electric Pumps, etc.)
*Saunders James Co.
*†Seybold Machine Co. (Bookbinding Machinery)
*Sheffield Machine & Tool Co.
*Simonds A. A. & Son Co. (Planing Knives, etc.)
†Standard Foundry Co.
Standard Machine Co.
*Steiner M. & Co.
*Trimbach Geo. (Tools, etc.)
*Valle-Kimes Co. (Water Motors)
*Vulcan Tool Co., 418 E First
*Weinman C. J. Co. (Machinists), 310 E 2d
*Wiedeke Gustav & Co. (Boilermakers' Tools, etc.)

DEFIANCE—*†Defiance Machine Works (Wood Working Machinery, etc.)
*Defiance Pressed Steel Co. (Metal Boxes)
*Turnbull Motor Truck & Wagon Co.

DELAWARE—*Cook Motor Co. (Gasoline Engines)
†Del. Fdry. & Mach. Co.
*Lugger F. W. & Son (Garage)
*Peerless Pattern & Machine Works

DELPHOS—†*Am. Road Machy. Co.
†Delphos Foundry

DENNISON—†Dennison Foundry & Machine Co. (Radiators & Foundry)

DESHLER—Deshler Fdry & Mach. Wks.
*†§Suber A. A.

DOVER—*†Dover Mfg. Co. (Sad Irons, etc.)
*†Hardesty Mfg. Co.
*Invincible Vacuum Cleaner Mfg. Co.
*†Wagner Bros.
*Willis G. W.

DOYLESTOWN—†§*Doylestown Agricultural Co.
§*Doylestown Aluminum Ware Co.
*†Seiberlin & Miller Co. (Mowers, Reapers, etc)

DRESDEN—†Doll Wm.

EAST LIVERPOOL—Bucher-Smith Co.
*Cain Machine Co.
*†§Patterson Fdry. & Machine Co. (Clay Working Machy., etc.)

EAST PALESTINE—†§*Adamson Mfg. Co.

ELMORE—*†Multiplex Concrete Machinery Co. (Concrete Block Machy.)

ELMWOOD PLACE — *†§Worthington Pump & Machinery Corp. (Laidlaw Works)
See adv index at end of book

ELYRIA—Anderson Tool Co., (Dies, Jigs, Enamelers, Special Machy.)
Colson Co. (Screw Machine)
*†Duplex Mfg. & Foundry Co. (Catch Basins & Sewer Castings)
†Elyria Foundry Co. (Grey Iron Casting, etc.)
*Elyria Machine Co.
*†Fox Furnace Co. (Stoves)
*Superior Metal Products Co. (Special Dies, etc.)
*Weller Engineering Co. (Power Transmission, etc.)
*Western Automatic Machine Screw Co.

EUCLID—Armington Engng Co.
See adv index at end of book
*†Duplex Mfg. & Foundry Co. (Catch Basins & Sewer Castings)
***EUCLID CRANE & HOIST CO.** (Electric Cranes, Hoists, etc.)
See adv index at end of book

FAYETTE—*Smith F. L.

FINDLAY—*†Buckeye Traction Ditcher Co. (Trench Excavating Machy.)
*Electric Construction & Motor Co.
†Findlay Engineering & Mfg. Co.
*Hoppenberg Machine Co.
*†Marvin D. E.
†§Model Fdry. & Mach. Co.
*Went C. H.

FOSTORIA—†§Atlas Mfg. Co.
*Fostoria Machine & Tool Co. (Jigs & Fixtures, Drilling & Milling & Dies, Stamping)
Fostoria Pressed Steel Co.
*Fostoria Screw Co.
*"S.-C." Regulator Mfg. Co. (Valves, Regulators, etc.)

FREDERICKSTOWN—*†Foote J. B. Fdry. Co. (Bells & Hardware Specialties)
*†Zieg F. B. Mfg. Co. (Road Graders, Hdwe. Specialties, etc.)

FREEPORT—†*Freeport Fdry. Co.

FREMONT—*Christy Knife Co. (Knives, etc.)
*Clauss Shear Co. (Shears, etc.)
*Detroit Model Machine Co.
*†Fremont Stove Co. (Stoves)
*Herbrand Co. (Carriage Hardware & Forgings, etc.)
*§Hotz Foundry & Mfg. Co.
*§Lake Shore Elec. Ry. Co.
*†§Lehr Agricultural Co. (Cultivators, Harrows, etc.)
†Lincoln Stove Co. (Stoves, Ranges, etc.)

GALENA—*Hughes & Smythe (Corn Planters, etc.)

GALION—*†Freese E. M. & Co. (Brick & Drain Tile Machinery, etc.)
Galion Brass & Bronze Co.
*†§Gallon Iron Works & Mfg. Co. (Road Machinery)
*†§Gallon Iron Works & Mfg. Co. (Gas Engines, Culvert Pipe, etc.)
*Unckrich Machine Co.

GALLIPOLIS—†Thompson & Francis Stove Co. (Stoves)
†Treasure Stove Co. (Stoves)

GENEVA—*†§Champion Hardware Co. (Hardware Specialties, Brass & Comp. Castings)
*†Geneva Metal Wheel Co.
*Potter Mfg. Co. (Hdwe. Specialties)

GHENT—*Purdy Chester (Woodworking Mach, etc)

GREENVILLE — *Greenville Mfg. Co., Dept. H
*Ross Supply Co. (Stoves, Ranges, etc.)
*Wogaman Bros. Co. (Gas Engines)

OHIO—continued
HAMILTON—†American Foundry & Machine Co.
*American Frog & Switch Co. (Frogs, Switches, Switch Stands, Crossings, etc.)
See adv index at end of book
*†§Black-Clawson Co. (Paper & Pulp Mill, Special Machy, etc.)
*Central Motor Co. (Garage)
*Ceramic Machine Co.
*Columbia Machine Tool Co.
*†§Deuscher H. P. Co. (Grey Iron Castings)
*Dufficy John (Jobbers)
*East Hamilton Tool Co.
*†Estate Stove Co. (Stoves, Ranges, etc.)
Ford Motor Co. (Tractor Division)
*General Repair Machine Shop
*Hamilton Autographic Register Co. (Registers, etc.)
HAMILTON CASTER & MFG. CO., THE (Casters, etc.)
*†Hamilton Copper & Brass Works (Brewing & Distilling Apparatus, etc.)
*†Hamilton Foundry & Machine Co.
*†Hamilton Machine Tool Co. (Machine Tools)
*Herring-Hall-Marvin Safe Co. (Bank Vaults & Safes, etc.)
*†§**HOOVEN OWENS RENTSCHLER CO.** (Steam Engines, Grey Iron Castings, etc.)
See adv index at end of book
*Krauth & Benninghofen (Machinists)
*Liberty Machine Tool Co.
*†Long & Allstatter Co. (Agrl. Implts. & Punching & Shearing Machy)
*Mid-West Tool & Mfg. Co.
*Mosler Safe Co. (Bank Vaults & Safes, etc.)
*†§Niles Tool Works Co. (Machine Tools, etc.).
*Phoenix Caster Co. (Furniture Casters)
*West Side Motor Co. (Motors, etc.)
HARRISON—*†Campbell Bros. Mfg. Co. (Agrl. Implts., Corn Drills, etc.)
HILLSBORO—*†§Bell C. S. Co. (Cane & Feed Mills, Stoves, Farm Bells, etc.)
*†§Gross-Felbel Co. (Safes, etc.)
IRONTON—*Belfront Iron Works Co. (Machine Shop for Use of the Company)
†Foster Stove Co. (Stoves)
*†Ironton Engine Co.
*†§Ironton Punch & Shear Co. (Punching & Shearing Machines)
JACKSON—*†§Crown Pipe & Foundry Co. (Cast Iron Pipes, etc.)
*†Jackson Mfg. Co. (Garden Plows, etc.)
JOHNSTOWN—*Rusler H. B. Mfg. Co.
JUNCTION CITY—*Lidderdale A. E. (Jobbing)
KENT—*Falls Rivet Co.
*†Kent Machine Co. (Concrete Machinery, etc.)
*§Miller J. B. Keyless Lock Co. (Locks)
KENTON—*Dow Jas. M. (Machinist)
*†§Kenton Hardware Co. (Iron & Steel Toys, etc.)
*Ohio Machine Tool Co. (Machine Tools, etc.)
KILBOURNE—*Scott Bros.
KINSMAN—*†§Kiddle Richard H.
LANCASTER—*†§Alten's Fdy. & Machine Works
*†Eagle Machine Co. (Ag'l Implts.)
*†§Hocking Valley Mfg. Co. (Ag'l Implements, etc.)
LEETONIA—*Crescent Machine Co., The (Wood Working), 512 Oak
See adv index at end of book
LEIPSIC—*†Temco Electric Motor Co. (Electric Drills & Motors)
LEXINGTON—Cureton Wm. & Sons, Richland Co.
*Lexington Instrument Works, Richland Co.
*Smith Gas Engng Co. (Suction Gas Producers), Richland Co.
LIMA—*Buckeye Machine Co. (Gas Engines)
†Chalmers Mfg. Co.
*†§East Iron & Machine Co. (Asphalt Paving Plant Machinery), 351H E. Market
*†Golley & Finley Iron Works
§Lima Brass Fdry.
*†Lima Locomotive Corp. (Locomotives, etc.), 106 3d
†Lima Metals Foundry Co.
*†Ohio Steel Foundry Co. (Steel & Vanadium Castings)
*Vicary Geo. S.
*Steiner Bros.
LISBON—*Wright Mfg. Co. (Chain & Portable Hoists, etc.)
LOGAN—*†§Logan Foundry & Machine Co. (Plows, etc.)
LORAIN—*†American Shipbuilding Co. (See Cleveland, O.)
*Brunk Machine & Forging Co.
*†Hoffman Heater Co. (Heaters, etc.)
§Lorain Brass & Bronze Foundry Co. (Brass & Bronze Castings, etc.)
*§Lorain Casting Co. (Iron & Brass & Semi-Steel Castings, etc.)
*National Stove Co. (Am. Stove Co.) (Stoves, Heaters & Ranges)
*Thew Shovel Co. (Steam Shovels), Dept H
LOUDONVILLE—*Sprang Wm.
LOUISVILLE—§*Louisville Fdry. Co.
*Louisville Machine Mfg. Co.
LUDLOW FALLS—*Duncan Bros. & Wray Co. (Floor Scrapers, etc.)
LYNCHBURG—*Kesler, John A.
MADISON—*†Genung C. W. (Ag'l Implements)
MALTA—*†Brown-Manly Plow Co. (Ag'l Implements, etc.)
MALVERN—Keffler Bros. (Jobbing)
MANSFIELD—*†Aultman & Taylor Machinery Co. (Ag'l Implts., Traction Engines, etc.)
*†§Barnes Mfg. Co. (Pumps, etc.)
§Buckeye Tempered Copper & Brass Co.
*†Eclipse Stove Co. (Stoves)
*Hartman Electrical Mfg. Co. (Electrical Specialties)
*Hughes-Keenan Co. (Structural Steel etc.)
*†§Humphryes Mfg. Co. (Pumps, Cocks & Bibbs, etc.)
*Ideal Electric & Mfg. Co. (Generators, Motors, etc.)
*Lean Roderick Mfg. Co. (Harrows, etc.)
Mansfield Brass Foundry
*Mansfield Specialty & Machine Co.
*New Method Co. (Gas Stoves, etc.)
*North American Watch Co.
*§Ohio Brass Co. (Electric Railway & Steam Specialties)
See adv index at end of book
*†Phoenix Electric Co. (Electric Motors) *See adv index at end of book*
*Superior Brass Mfg. Co.
*Taylor Disc Machine Co.
§*Triumph Valve Mfg. Co.
MARIETTA—*Cline Edw. W.
*Leidecker Tool Co. (Well Drilling Machinery, etc.)
*†§Pattin Bros. Co. (Steam Engines & Grey Iron & Brass Castings)
*Salzman G. O.
*Star Machine Co.
MARION—†Am. Malleable Casting Co.
†*Blockson Bros. Construction Co.
†Commercial Steel Castings Co., The (Open Hearth Steel Castings)
See adv index at end of book
*†§Fairbanks Steam Shovel Co. (Steam Dredges, etc.)
*†§Huber Mfg. Co. (Ag'l Implts., Engines, etc.)
*†Marion Steam Shovel Co. (Dredging, Excavating, etc.), P. O. Box 505
*Osgood Co.
*†§Power Mfg. Co. (Oil Engines)
*Titus Machine Co. (Drill Presses, Vises, etc.)
MARTIN'S FERRY—*†Beam Jas. H.
*McDermott P. J. (Machinery & Tools)
†Spence-Baggs Stove Co. (Stoves, etc.)
*Stanton Heater Co. (Furnaces, etc.)
MARYSVILLE—§Regent Brass Co.
MASSILLON—*†§Griscom-Russell Co. (See New York, N. Y.)
See adv index at end of book
*†Hess-Snyder Co. (Pumps & Stoves)
†*Massillon Aluminum Co.
*Massillon Foundry & Machine Co. (Steam Hammers, Punching & Shearing Machy.)
†Massillon Steel Casting Co.
*Reynolds Machine Co.
*†§Russell & Co. (Engines, Threshers & Saw Mills)
MECHANICSBURG — *Packham Crimper Co. (Sheet Metal Workers' Machinery)
MEDINA—†Medina Fdry. Co. (Castings, etc.)
*Medina Machine Co.
MIAMISBURG—§Allen Machine Works (Specialties)
Miami Foundry Co., (Grey Iron Castings)
MIDDLETOWN—*†American Rolling Mill Co.
*Barkelew Electric Mfg. Co. (Electrical Specialties)
*†Miami Cycle & Mfg. Co. (Bicycles, Motorcycles, etc.)
*Shartle Bros. Machine Co. (Paper Mill Machinery)
*Willard-Middletown Machine Co. (Power Presses, Gas Engines, etc)
MILAN—*Curtis Machine Co. (Thresher Parts)
MILLERSBURG—*Gadfield C. L. (Garage)
†Millersburg Fdry. & Machine Works
MINERAL RIDGE—*†§Mineral Ridge Mfg. Co. (Steam Hoists, etc.)
MINERVA—*Jobes Emmor W.
*Minerva Hardware Mfg. Co. (Builders' Hardware, Hardware Specialties, Grey Iron Castings, etc.)
MINSTER—*Dues J. J. Machine Co. (Garage, etc.)
*†§Minster Machine Co. (Power Transmitting, etc.)
MONTPELIER—*†Wingert Foundry & Furnace Co.
MORRAL—*Morral Bros. (Canning Machinery)
MOUNT GILEAD—*Kelly Foundry & Machine Works (Jobbing)
MOUNT STERLING—*Carter Wire Fence Mach. Co. (Fence Mach.)
MOUNT VERNON—†Black Furnace Co.
*Brewer J. H. (Jobbing)
*†§Cooper C. & G. Co. (Corliss & Rolling Mill Engines, Condensers, Fly Wheels & Heavy Castings, etc.)
*Mount Vernon Bridge Co. (Structural Steel Work)
Mount Vernon Foundry & Engineering Co.
NAPOLEON—†Heller-Aller Co. (Wind Mills, Gasoline Engines, etc.)
*†Ragan-Brown Lange Co. (Engines, etc.)
NEWARK—*American Machine Co.
*†§B. & O. R. R. Shops
§Blair Motor Truck Co.
Hamilton Wm. Sons Car Co., Dept H
*†McNamar Machine Works
†Newark Casting Co.
†§*Newark Stamping & Fdry. Co.
*†Scheidler Machine Works Co. (Engines, etc.)
*Shepherd M. L.
†Simpson Fdry. Co.
*Simpsons Garage & Machine Co.
*†§Wehrle Co. (Stove Mfrs.)
NEW BREMEN — *Poorman O. O. Co. (Presses, etc.)
NEW COMERSTOWN—*†§Clow Jas. B. & Sons, (See Chicago, Ill.)
*Rex File & Saw Co. (Files, Saws, etc.)
§Sterling Specialty Co.
NEW LEXINGTON—*†Star Mfg. Co. (Agricultural Implements, Wheels, Mine Cars, Feed Grinders, etc.)
NEW LONDON — *†Arnold-Creager Co. (Brick & Clay Machy.)
Tom Thumb Carbureter Co. (Carbureters)
NEW MADISON—*Hill Mfg. Co.
NEW MATAMORAS — *Stover Machine Works
NEW PARTAGE—†Sem-Steel Fdry. Co.
NEW PHILADELPHIA—Buckeye Tool & Machine Co.
*†Ladel Mfg. Co.
§Rathe Brass & Aluminum Co.
†§*Sharp C. J. Mfg. & Supply Co.
*Wise-McClung Mfg. Co. (Vacuum Cleaners)
NILES—*†§Globe Foundry & Machine Works
*†Niles Mine & Mill Supply Co.
*§Youngstown Steel Car Co. (Car Builders, etc.)
NORTH BALTIMORE—*Exline & Son
NORTH CANTON—§*Hoover Suction Sweeper Co.
NORTH FAIRFIELD — †Fairfield Plow Works (Plows)
NORWALK—*Frederick Machine Works (Emery Grinders, Countershafts, etc.)
*Miller Anchor Co. (Anchor & Chains, etc.)
*Norwalk Drilling Tool Co. (Heavy Forgings, etc.)
†Norwalk Foundry Co. (Iron & Brass Castings)
NORWOOD—(See Cincinnati, O.)
OAK HILL—*†§Oak Hill Foundry & Machine Works
OAKLEY—†Modern Foundry Co. (Castings), 4601 Marburg
*†Williamson Foundry Co. (Heating Apparatus), Marburg av
†Woodward Mach. Co.
OBERLIN—*Ohio Road Machinery Co. (Road Machinery, etc.)
ORRVILLE—†§Foundries Co.
*†Sanderson-Cyclone Drill Co.
OTTAWA—*Todd Bros.
OVERPECK—†Buckeye Mfg. & Foundry Co.
PAINESVILLE—*Blackmore John (Machinist)
*†Coe Mfg. Co. (Veneer Machinery)
*Ohio Mfg. Co., P. O. Box 136
See adv index at end of book
PEEBLES—*†§Suffron C. E. (Castings & Jobbing)
PIQUA—*†Bowdle Bros. (Castings & Jobbing)
*Champion Paper Cutter Co. (Paper Cutters)
*†§Favorite Stove & Range Co. (Gas Stoves & Ranges)
†French Fdry. Co.
*French Oil Mill Machinery Co. (Oil Mill Machinery, etc.)
*Wood Shovel & Tool Co., The (Shovels, etc.)
See adv index at end of book
PLYMOUTH—*†§Fate-Root-Heath Co.
POMEROY—*†§Pomeroy Machine Co.
PORTAGE—*Laramore O. O.
PORTSMOUTH—*Central Machine Electrical Repair Shop
*Heer Engine Co. (Traction Engines)
†Neill Geo. W.
*Mitchell Mfg. Co.
†Ohio Stove Co.
*†§Portsmouth Stove & Range Co. (Stoves, etc.)
*Simpson Bros. (Brick Makers' Machinery)
†§*Whitaker-Glessner Co.
PROSPECT—*Prospect Mfg. Co. (Chemical Fire Engines, etc.)
RAVENNA—*†Browning Co.
*†§Byers Machine Co., The (Hoisting Machinery, etc.), 242 Sycamore
See adv index at end of book
†Ravenna Furnace & Heating Co.
†§Ripley Fdry. & Mach. Co.
United Roll & Foundry Co.
*†Williams A. C. Co. (Sad Irons, etc.)
ROCKFORD—*Coppersmith J. M.
ROSSFORD—*Ford Edw. Plate Glass Co.
SABINA—*Sabina Pump Co.
*Clinton Mfg. Co. (Pumps)
ST. MARYS—*Lawter Tractor Co.
Quickwork Co. (Rotary Shears, etc.)

SALEM—*†§Buckeye Engine Co. (Steam & Gas Engines & Grey Iron Castings)
*Davis M. & Sons (Electrical Machinists)
*†§Deming Co. (Pumping Machy., etc.) *See adv index at end of book*
†National Sanitary Co. (Enameled Iron Bathtubs)
†Pittsburgh Foundry & Machine Co. (See Pittsburgh, Pa.)
*Salem Tool Co.
*†Silver Mfg. Co. (Blacksmiths' Drills & Agrl. Implts., etc.), No 256
†Victor Stove Co. (Stoves)
SALINEVILLE—*Rice John (Jobbing)
*Salineville Model & Machine Works
SANDUSKY—*§Bay View Foundry Co.
*Brightman Nut & Mfg. Co.
*†Brown Clutch Co. (Pulley Clutches, Grey Iron Castings, etc.)
†§Farrell-Cheek Steel Foundry Co. (Steel Castings)
†G. & C. Foundry Co.
*†§Klotz Machine Co. (Handle & Wine & Cider Making Machinery, & Iron & Brass Fdrs.)
*Mack Iron & Wire Works Co. (Architectural & Ornamental Iron & Steel)
*Matthews Engineering Co.
*Ohio Motor Co. (Gasoline Engines)
*Roberts Motor Co. (Marine Motors, etc.)
*§Sandusky Foundry & Machine Co.
Sandusky Nut Co.
*Sandusky Tool Co.
*Vim Motor Co. (Gasoline Engines)
SEBRING—§Aluminum Foundry Co.
*Hall Machine Works
†Sebring Fdry. Co.
SEVILLE—*†§Overholt Mach. Co.
SHELBY—*Chicago Handle Bar Co. (Bicycle Handle Bars)
*Shelby Spring Hinge Co. (Steel, Brass & Bronze Hardware)
*Standard Mfg. Co. (Hardware Specialties)
SIDNEY—*American Steel Scraper Co. (Road Scrapers)
*Eclipse Machine Co. (Paper Folding Machines)
*Mentges Folder Co. (Paper Folding Machines)
*Monarch Machine Tool Co. (Engine Lathes)
*Peerless Bread Machine Co.
*Pioneer Pole & Shaft Co. (Poles & Shafts)
*Sidney Steel Scraper Co. (Drag & Wheel Road Scrapers, Barrows, etc.)
*Sidney Machine Tool Co. (Woodworking Machy, etc.)
*Slusser-McLean Scraper Co. (Road Scrapers)
*†Smith Philip Mfg. Co. (Grain Elevator Machinery)
*†§Wagner Mfg. Co. (Enameled & Aluminum Hollow Ware)
*Whipp Machine Tool Co.
SPENCERVILLE—*Foster Tobias
*Redick Jos. H.
SPRINGFIELD—*†American Radiator Co. (See Chicago, Ill.)
*†American Seeding Machine Co. (Agrl. Implts.)
*Automatic Metal Products Co.
*†Bauer Bros. Co. (Oil & Feed Grinding Mill Machinery, etc.), Bauer bldg
*Bauroth Bros. (Gas & Gasoline Engines)
*†Bayley Wm. Co. (Builders, Iron Work, Special Machinery, etc.)
*Bowlus Mfg. Co. (Joist-Drills, etc.)
*Buffalo Springfield Roller Co. (Road Rollers, etc.)
*Casey D. L. Machine Co. (Engines, Boilers, etc.)
*§Central Brass & Fixture Co. (Brass Goods)
*†§Duplex Mill & Mfg. Co. (Feed Mills, etc.)
Eagle Engng. Co.
*†Fairbanks Co. (Piano Plates, Castings, etc.)
*Foos Gas Engine Co. (Gas Engines), 800 Monroe
*†French & Hecht (See Davenport, Ia.)
*†Grey Iron Casting Co. (Grinding Mills, Castings, etc.)
†Hennessey Foundry Co. (Grey Iron Castings)
*Hoppes Mfg. Co. (Feed Water Heaters, etc.)
*Igou Mfg. Co. (Wrapping Machines)
*Indianapolis Switch & Frog Co. (Frogs, Switches & Crossings, etc.)
*†International Harvester Co. (See Chicago, Ill.)
*†Kelly O. S. Co. (Piano Plates, etc.)
*Kelly-Springfield Motor Truck Co. (Motor Trucks)
*Lagonda Mfg. Co. (Boiler Flue & Tube Cleaners, Valves etc.)
*†Leffel Jas. & Co. (Turbine Water Wheels & Engines, etc.), East st
*†Mast, Foos & Co. (Windmills, Force Pumps, Lawn Mowers, etc.)
*Mentels The (Gas Heating Stoves for Natural & Artificial Gas, etc.)
*Miller Improved Gas Engine Co. (Heavy Duty Gas Engines)
*§Nolte Brass Co. (Brass Fdrs. & Finishers)
Ohio Steel Fdry. Co.
*†Patric Furnace Co. (Hot Air Furnaces)
*Peters E. E. Machine Co. (Jobbing)
*Reed Mfg. Co. (Rug Looms, etc.)
*†Robbins & Myers Co. (Dynamos, Motors, Electric Fans) 1400 Lagonda av.
*Roberts Thomas (Feed Mills, etc.)
*Rodgers Geo. G. (Machinist)
*†Ross E. W. Co. (Fodder Cutters, etc.)
*Safety Emery Wheel Co. (Tools & Emery Grinders, etc.)
*Shauver Co. (Auto Accessories & Wood Working Machinery)
*§Springfield Brass Co. (Brass Fdrs. & Finishers)
*†Springfield Machine Tool Co. (Lathes, Presses, etc.)
†Springfield Malleable Iron Co.
*†Superior Gas Engine Co. (Gas & Gasoline Engines)
*Superior Mfg. & Mill Co. (Gas Engines, etc.)
*†Thomas Mfg. Co. (Agrl. Implts., etc.)
*Thompson Grinder Co. (Grinding Machy., etc.)
*†Trump Mfg. Co. (Engines, Water Wheels & Transmitting Machy.)
*Webster & Perks Tool Co. (Machine Tools, etc.)
†Western Fdry. & Mfg. Co.
*Western Tool & Mfg. Co. (Tool Holders, Mandrels, etc.)
†Wickham Piano Plate Co. (Piano Plates & Piano Hdw.)
STEUBENVILLE—†Irwin R. J.
*†§La Belle Iron Works (Iron & Steel Castings & Machine Shops)
*†Ohio Foundry & Mfg. Co. (Grates, Castings, etc.)
SWANTON—*†§Baker A. D. Co. (Traction Engines)
*Pilliod Co. (Valves, etc.)
TIFFIN—*Hanson Clutch & Machinery Co. *See adv index at end of book*
*Keller Andrew
*†Loomis Machine Co. (Well Boring & Drilling Machy.)
*†National Machinery Co. (Bolt & Nut & Rivet Machy., etc.)
*†Sterling Grinding Wheel Co. (Emery Wheels & Emery Wheel Machy.)
*†Tiffin Wagon Co.
TILTONSVILLE — †*Wheeling Sanitary Mfg. Co.
TOLEDO—*A. F. S. Machine Co., 531 S St. Clair
Air-way Co., 1501 W Bancroft
†Am. Fdry. Co.
*American Metal Wheel & Auto Co.
*American National Co.
*Arrow Mfg. Co. (Generators & Motors), 618 Broadway
*Art Iron & Wire Works
*Asphalt Block Pavement Co.
§*Ayling & Reichert Co.
*†Baker Bros. (Tapping & Boring Machines & Woodworking Machy)
*Banting Machine Co. (Agrl. Implts., etc.)
*Bauroth E. F.
*Beckman, L. Co.
†Belmont Fdry.
Bingham Stamping & Tool Co., 1435 Dorr
*Bissell F. Co. (Electrical Specialties, etc.)
*Braunschweiger Bros. (Special Machinery, Tools, etc.)
*§Bunting Brass & Bronze Co. (Bronze Bearings & Brass Castings), 738 Spencer. *See adv index at end of book*
*Candy & Nut Machine Co. (Vending Machines)
§Central Brass Foundry
*Central Machine & Tool Co., The, 1214-1216 Dorr
See adv index at end of book
Central Machine & Tool Co.
†City Foundry Co.
City Machine & Tool Co., Toledo Factories bldg
*Conrad Frank J. (Garage)
Consolidated Mfg. Co. (Forgings, Tubings, etc)
*Consolidated Pump Co.
*De Mers Magloir
*De Vilbiss Mfg. Co. (Paint Spraying Machines)
***DIE CASTING COMPANY OF OHIO (The)**
See adv index at end of book
§*Doehler Die Casting Co.
†Donovan Wire & Iron Co. (Grey Iron Castings), Chicago & W. & L. E. Ry.
†Ensign Foundry Co. (Iron Founders)
Etna Machine Co.
Fanger Beet Harvester Co., 421 Michigan
Fastfeed Drill & Tool Corp.
†Gartland Toledo Fdry. Co.
*Gendron Wheel Co. (Bicycle Wheels)
General Machine Co., 3440 Summit av
*Gogel Mfg. Co. (Tuyere Iron Heaters, Fifth Wheels, etc.)
*Grasser Motor Co. (Gas Engines)
*Haughton Elevator & Machine Co. (Elevators, etc.), 679 Spencer.
*Heartley Machine Variety, Iron & Tool Works, 900 Summit
*Jaxon Co., 1010 Jackson
See adv index at end of book
*Jones S. M. Co. (Gas Engines & Oil Well Supplies)
*Kent-Owens Machine Co. (Machinists)
*Landis E. M. & Co. (Gas Engines, etc.)
*Lober Radiator & Mfg Co., 128 11th
*McNaull Boiler Mfg. Co. (Tanks, etc.)
†Maumee Malleable Castings Co.
*§Merrell Mfg. Co. (Pipe Cutting & Threading Machinery, etc.), 278 Curtis
*†§Milmine H. B. & Co. (Iron Fdrs., etc.)
*Moore C. H. (Edge Tools, etc.)
†National Malleable Castings Co. (See Cleveland, O.)
*†§National Supply Co. (Oil Wells Supplies, etc.)
*O'Neill Machine Co.
*Pixley Safe Co. (Safes, etc.)
*†Rathbun-Jones Engineering Co. (Gas & Oil Engines), 841 Spencer
§Riddle Edward N. (Gas & Electric Fixtures, etc.)
Rush Tool Co., 1305 Dorr
*Schindler, Chas.
*§Seeger Valentine (Brass & Comp. Castings)
*§Seiss Mfg. Co. (Iron & Brass Specialties)
*Shaw-Kendall Engineering Co.
Standard Electric Stove Co.
*Sterling Cork & Seal Co. (Mfr. Machinery)
*Stitt Robert G. (Oil & Gas Well Supplies)
*Toledo Auto Motive Products Co., 2240 Smead av
§*Toledo Brass & Iron Wks.
§Toledo Brass & Novelty Works (Brass & Comp. Castings)
*§Toledo Chandelier Co., 129 Huron
†Toledo City Fdry.
*†Toledo Foundry & Machine Co. (Steam Shovels, Castings, Engines, Dredging Machinery, etc.)
*†Toledo Machine & Tool Co. (Punching & Shearing Mach'y, Power Presses, Power & Drop Hammers, etc.)
*Toledo Mfg. & Supply Co. (Brass Goods)
*Toledo Metal Wheel Co. (Bicycles, Metal Wheels, etc.)
*Toledo Pipe Threading Machine Co. (Pipe Threading Machines, Dies, etc.), 1440 Summit
*Toledo Saw & Supply Co. (Saws, etc.)
*†§Toledo Ship Building Co. (Ship Builders, Engines, Brass & Grey Iron Castings)
*†Toledo Steel Casting Co.
Toledo Steel Products Co., Summit
†Toledo Stove & Range Co. (Stoves, Ranges, etc.)
Toledo Tap & Die Co., Clinton
*†§U. S. Malleable Iron Co. (Malleable Iron Castings, etc.)
*Utility Tool & Die Co., 2942 Monroe
*Watson Mfg. Co. (Machines)
*§Willys-Overland Co.
Wine Railway Appliance Co. (Side Bearings, Car Ventilators & Ladders)
*Yost Electric Mfg. Co. (Lamp Sockets, etc.)
TORONTO—*†Toronto Fdry. & Machine Co.
TROY—*Hobart Mfg. Co. (Electric & Gasoline Coffee Mills & Meat Choppers, etc.)
*Kelly Machine Co.
†Star Fdry. Co.
*§Troy Carriage Sun Shade Co.
TYRRELL—*Tyrrell A H. & Son (Iron Fdrs.)
UPPER SANDUSKY—*†§National Steam Pump Co.
*†Ohio Mfg. Co. (Agrl Implts, etc)
URBANA—*§Desmond-Stephan Mfg. Co. (Injectors, etc.)
*†Illinois Car Co. (Cars, etc.)
UTICA—*Cree J. A.
VAN WERT—Advance Machinery Co.
*†§Spayd Bros.
VERMILION—*§Wakefield F. W. Brass Co. (Lighting Fixtures)
WADSWORTH—*†§Ohio Injector Co. (Boiler Injectors, etc.)
WAPAKONETA—*Krein Mfg. Co.
*New Wapakoneta Wheel Co. (Wood Wheels)
*Schemmel George C.
*†Wapak Hollow Ware Co.
*Wapakoneta Machine Co.
WARREN—*†§Aetna Fdry. & Machine Co. (Tin & Sheet Mill Machy. & Castings)
*Alloy Electric Steel Casting Co.
American Block & Mfg. Co.
†General Malleable Co. (Malleable Iron & Steel Castings)
*†McMyler Interstate Co. (Dock Equipment)
Packard Electric Co. (Electrical Specialties)
*Peerless Electric Co. (Dynamos & Motors)
*Sterling Electric Lamp Works of G. E. Co. (Electrical Specialties)
Sterling Motor & Machine Co.
Supreme Motor Corp.
*†Trumbull Mfg. Co. (Castings, etc.)
*Winfield Mfg. Co.
WASHINGTON C. H.—Ortman Motor Co.
WAUSEON—†Pultz Chas.
*†Red, King Co. (Windmills, etc.)
*Schlitz Philip

OHIO—continued
WELLINGTON C. H.—*Sterling Machine & Stamping Co. (Auto Accessories)
*†Wellington Machine Co. (Brick Machy., etc.)
WELLSTON—*Morrow Mfg. Co. (Mining Machinery, etc.)
WELLSVILLE—*†Menough Foundry Co. (Grey Iron Steel Castings)
*†§Stevenson Co. (Brick Machy., etc.)
WESTERVILLE—*Bennet H. L. & Co. (Stump Pullers)
*†Hance J. W. Foundry Co. (Grey Iron Castings, etc.)
WEST LAFAYETTE—*D. & J. Co. (W. W. Dyser, Prop.)
WEST MANCHESTER—*Parks C. M. (Machinery Mfrs.)
WEST UNITY—*National Mfg. Co. (Grain Separators)
WICKLIFFE—*Cleveland Brick Machinery Co. (Brick Machinery)
*Cleveland Crane & Engineering Co. (Cranes & Hoists)
WILLOUGHBY—*†§American Clay Machinery Co. (See Bucyrus, O.)
WILMINGTON—*Champion Bridge Co. (Structural Steel Work, etc.)
*Farquhar Furnace Co. (Hot Air Furnaces)
*Irwin Auger Bit Co. (Auger Bits, etc.)
*Turnbull Mfg. Co.
†Wilmington Casting Co.
WOODSFIELD—*Loffland Bros.
*Curtis & Haire
WOOSTER—§Buckeye Aluminum Co.
*†Woodward Machine Co. (Steam Pumps, etc.)
†Wooster Machine Co.
XENIA—*†Kelly R. A. Co. (Shaping Machines, Machine Tools, etc.)
YOUNGSTOWN—§*Erb C. F.
§Falcon Bronze Co. (Brass & Bronze Castings, etc.)
*Fitzsimons Co. (Polished Steel Shafting)
*General Fireproofing Co. (Steel Products)
*McKay Geo. G. (Machine & Job Work)
*†§Mahoning Foundry Co. (Brass, Bronze & Small Grey Iron Castings)
*Pollock Wm. B. Co.
*†Republic Iron & Steel Co. (Grey Iron Castings, All Consumed by Co. also Machine Shop)
See Branch Offices Alphabetical Section
*†United Engineering & Foundry Co. (Rolling Mill Machinery & Castings). (See Pittsburgh, Pa.)
*†Wilkoff Co.
*Youngstown Boiler & Tank Co.
*†Youngstown Foundry & Machine Co. (Rolling Mill Machinery)
*Youngstown Furnace Co. (Malleable Iron Castings)
*†Youngstown Sheet & Tube Co.
*Youngstown Wire & Iron Co. (Fire Escapes, etc.)
ZANESVILLE—*Brown Mfg. Co. (Plows, Agrl. Implts., etc.)
*Columbia Machine Co.
*†§Dockary H. V. Brass & Iron Co.
*†§Griffith & Wedge Co. (Engines, Saw Mill Machy., etc.)
*†Jones Chas H. (Stoves, etc.)
*Weller Samuel A. (Chemical Engines)
†Weidig Foundry Co.
*Zanesville Mould Co.

OKLAHOMA.

ALVA—*Bickel T. W.
ARDMORE—*§Jones-Everett Machine Co.
BARTLESVILLE—*†§Larkin J. J. (Oil Well Tools)
†§Osage Fdry. & Mach. Co.
*†§Union Machine Co.
BLACKWELL—*Paine O. R.
DEWEY—*Dewey Mfg. Co.
DURANT—*†§Durant Machinery & Iron Works
EL RENO—*†§El Reno Foundry & Machine Co.
ENID—*†§Enid Fdry & Machine Co.
*Kingham R. L.
*Young John A. Machine & Supply Co.
McALESTER—*†§Union Iron Works
MANGUM—*Boyle P. J.
MUSKOGEE—*†§Muskogee Iron Works
§Muskogee Pattern Wks.
*†Swanson Plow Co.
NOWATA—*†§Marion Machine, Fdry. & Supply Co.
*Vandivort Wm. M.
OKLAHOMA—†§*Fremont Motor Co.
†§*Klein J. B. Iron & Fdry. Co.
*Mideke Supply Co.
*†§Oklahoma City Foundry & Machine Co.
*Prest Machine Works Co.
*†§Sherman N. S. Machinery & Iron Works
*Southwest Mfg. Co.
OKMULGEE—†§*United Iron Wks. Co.
SAND SPRINGS—†§Tulsa Stove & Fdry. Co.
SHAWNEE—†§*Shawnee Fdry. & Mach. Shop
*†§Wilkinson J. C.
TULSA—*†Oil Well Improvement Co.
*†§Oklahoma Iron Works
†§*McEwen Mfg. Co.
Norris, W. C. (Oil Well Pumping Supplies)
*Robinson Packer Co.
*§Tulsa Machine & Tool Co.
*§Tulsa Stove Co. (Sand Springs)
WOODWARD—*Boyle Bros.

OREGON.

ALBANY—*†Albany Iron Works (Flour Mill, Mining, etc.)
*†§Watson Bros. Iron Works
ASHLAND—*†§Ashland Iron Works
ASTORIA—*†§Scow Bay Iron & Brass Works
BAKER—†Gyllenberg J. A.
*McKim & Co. (Machinery)
BANDON—†§Rogers W. F. Fdry.
BEND—†§Huffschmidt-Dugan Iron Wks.
EUGENE—†§*Eugene Iron Wks.
*†§Frazer G. N.
*†Gross Bros. (Fdrs. & Machinists)
GRANTS PASS *†§Grants Pass Iron & Steel Works
GRESHAM—†§*Beaver Motor Car Co.
MARSHFIELD—†§*Coos Bay Iron Wks.
*†§Nelson Iron Works.
MEDFORD—†§*Medford Iron Wks.
NORTH BEND—*†§North Bend Iron Wks.
OREGON CITY—†Oregon City Foundry
OSWEGO—*†Oregon Iron & Steel Co. (See Portland)
PENDLETON—†§*Empire Mfg. Co.
*†§Pendleton Iron Works
PORTLAND—*Bell & Wildman, 619 Yeshur
*Bullington Engineering Works, Union av & E Ankeny
*Cornfoot, Wm., 28 Albin av
§Elec. Steel Fdry.
*§Harpers Brass Works (Brass Composition, Bronze, Machinists, etc.), 106 N. 5th
*Harris Ice Machine Works, 174 E. Water
*†Hesse-Martin Iron Works, 468 E. Taylor
*Hicks Burt (Machinist), 350 E. Oak
*Hippely Edward, 224 Oak
*†Independent Foundry Co. (Grey Iron Castings, Structural Steel), 743 York
*Isensee Wm. & Co. (Machinist), 414 B'way
*†Leach Bros., 614 Hood
*§Oregon Brass Works (Brass Castings, etc), 73 No 2nd
*†Oregon Iron & Steel Co., Concord bldg. (Works: Oswego)
†§*Peninsula Iron Wks.
*†§Phoenix Iron Works, E. 3d & Hawthorne
*†Portland Iron Works, 14th & Northrup
†Portland Stove Works (Stoves), 626 Hood
*Portland Wire & Iron Works, 2d & Columbia
*†Smith & Watson Iron Works, 412 Front
*Trenkman B. & Co., 106 N. 4th
*Tuerck I. K.
†Tuerck & Mackenzie Machine Co., 160 E 3d
*†Vulcan Iron Wks. (Chas. F. Machen, Prop.), Foot of Flanders
*Webber J. A., 368 E. Washington
†*Wood-Ewing Iron Wks.
*†Wood John Iron Works Co., E. 8th & E. Alder
ST. JOHNS—*†Peninsula Iron Works
SALEM—*Maurer John, 342-344 Center
*†§Salem Iron Works
*Wilson O. J., 388 N. Commercial
SILVERTON—†Silverton Blow Pipe Co., 109H W Main
THE DALLES—*†Kirk J. B.
TILLAMOOK—†§*Feeney & Bremer Co.

PENNSYLVANIA.

ADAMSTOWN—*Shirk A. G.
ALLEGHENY—(See Pittsburgh)
ALLENTOWN—*†§Aldrich Pump Co. (High Duty Pumping Engines, etc.), Dept. H
Bonney Forke & Tool Works
Allentown Bobbin Works (Steel Bobbins)
*Allentown Experimental Works
Bonney Forge & Tool Works
Bradley Pulverizer Co.
*§Brey & Krause Mfg. Co.
†Daugherty Foundry Co. (Grey Iron Castings, Grate Bars, etc.)
*Excelsior Knitting Machine Mfg. Co. (Knitting Machinery)
*International Motor Co. (See New York City)
†Kline Hardware Co.
*Kutz & Gift (Capsule Moulds, etc.)
§*Mack Bros. Motor Car Co.
*†Mosser W. F. & Son (Iron Fdrs., Cement Machinery, etc.)
*Nadig C. H. Mfg. Co. (Gasoline Engines, etc.)
§Sitter Harry
*†§Spangler Chas. (Grey Iron & Brass & Bronze Castings)
*Taylor Wm. H. & Co.
*†TRAYLOR ENGINEERING & MFG. CO. (Mining Machinery). (See New York City)
See adv index at end of book
*§Vulcan Brass Works (R. Meisterknecht, Prop.)
ALTOONA—†§*Foster M. A. & Son
AMBRIDGE—*†§American Bridge Co. (Office, Pittsburg, Pa.)
ARDMORE—*Autocar Co.
ASHLAND—*†§Goyne Steam Pump Co. (Steam Pumps)
ATHENS—Athens Foundry Co.
*†§Ingersoll-Rand Co. (See New York City)
See adv index at end of book
†§McDonald's T. R. Foundry
AVONMORE—*†National Roll & Foundry Co. (Rolling Mill & Plate Glass Machinery, etc.)
BANGOR—*†§Flory S. Mfg. Co. (Iron Fdrs., Hoisting Engines, Stone & Slate Working Machinery, etc.)
BEAVER FALLS—†Howard Stove Co. (Stoves & Ranges)
*†Ideal Foundry & Machinery Corp. (Iron Founders, Screw Machines, etc.)
*†Keystone Driller Co. (Well Drilling Machinery, Pumps, etc.)
See adv index at end of book
*†Murphy Foundry Co. (Iron Castings, etc.)
*†Penn Bridge Co. (Steel Bridges & Foundry & Machine Work)
*Standard Gauge Steel Co. (Finished Machine Keys, Compressed Steel Elevator Guards, etc.)
*†§Standard Scale & Supply Co. (See Pittsburgh, Pa.)
BEDFORD—†Cromwell W. F.
BELLEFONTE—*†Bellefonte Engineering Co. (Grey Iron Castings, Steam Hammers, etc.)
BELLEVILLE—*†§Hertzler & Zook Co.
BELLWOOD—*†Bellwood Mfg. Co. (Car & R. R. Castings)
Williamson J. E. Co.
BENROY—*†Strickler B. F. & Sons (Tobacco Scrap Machinery)
BERWICK—*†§American Car & Foundry Co. (See St. Louis, Mo.)
BERWYN—*†American Bronze Corp.
BESSEMER—*Carnegie Steel Co.
BETHLEHEM—Bethlehem Fdry. & Mach. Co.
*§Roller-Smith Co. (Electrical Instruments, etc.)
BIRDSBORO—*†Birdsboro Steel Foundry & Machine Co. (Core Drills, Rolling Mill Machinery & Iron & Steel Castings, Turbine Castings, Marine Castings, Rock Crushers, Pressure Pumps, Presses, etc.)
BLAIRSVILLE—*†Blairsville Enamel Ware Co.
*Blairsville Machine Co.
†*Blairsville Sanitary Co.
*†Tittle C. L.
BLOOMSBURG—†*American Car & Fdry. Co.
*†Bloomsburg Car Mfg. Co.
*†Harman & Hassert
†§*Richard Mfg. Co.
BLOSSBURG—*†§Moore Thos. J.
BLUE BALL—*Shirk P. E. (Cigar Machines, etc.)
BOLIVAR—*†§Bolivar Foundry & Machine Co.
BOYERTOWN—Megerly Chas. O.
*Schlegel Daniel (Agrl. Implts.)
*†§Union Mfg. Co. (Sad-Irons, etc.)
BRACKENRIDGE—*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use). Office: Pittsburg, Pa.
†West Penn Steel Co.
BRADDOCK—§Acheson Mfg. Co.
*†American Steel & Wire Co.
*†Braddock Mfg. Co.
*†§Carnegie Steel Co. (See Pittsburgh)
*†§McVay-Walker Co. (Sanitary Enameled Cast Iron Goods, Bath Tubs, etc)
†Sterling Steel Fdry. Co.
BRADFORD—*†§Bovaird & Co. (Engines, etc)
*†§Bovaird & Seyfang Mfg. Co. (Engines, Boilers, Pumps, Oil & Gas Well Supplies, Well Drilling Machinery, etc.)
*§Bradford Motor Works (Oil Well Supplies & Brass Castings)
*§Caldwell E. R. & Co. (Iron & Brass Fdrs., Steam Engines, Pumps & Oil Well Supplies)
*Combination Engine & Compressor Co. (Gas Driven Compressors, Gas Engines, etc.)
*†Custer Coupling Co. (Couplings, Clamps, etc.)
*†Dresser S. R. Mfg. Co. (Pipe Couplings, Packers' Clamps, Sleeves & Fillings, etc.)
†§*Fowler Fdry. Co.
*Ley Jno. (Oil Well Tools, etc.)
†§*Locke Mach. Wks.
*McElwaine Mfg. & Auto Co. (Gas Engines, etc.)
*Phillips David Co. (Oil Well Tools, etc.)
*Tuna Iron & Steel Works (Oil Well Tools)
BRAEBURN—Braeburn Steel Co. (Small Machine Shop for Own Use)
BRIDGEPORT—†§*Buch Fdry. Equipment Co.
*Gehret Bros.
BRISTOL—*Ardrey S. B. & Sons (Textile Machy., etc.)
†Harkins T. B. Foundry Co. (Stoves Furnaces, etc.)
*†Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings)
BROOKVILLE—†*Jenks M. H.
BROWNSVILLE—*†§Herbertson John Sons (Mine Cars, etc)
BRUNNERVILLE—*†Bentz Frank B.
BURNHAM—*†§Standard Steel Wks. Co. (Steel Castings, etc.). (See Phila., Pa.

BUTLER—*†Butler Car Wheel Co. (Car Wheels, etc.)
*†Butler Engine & Foundry Co. (Engines, etc.)
†Campbell J. G. & W. (Oil Well Supplies)
*†Evans Mfg. Co. (Ltd.) (Engines & Gas Well Supplies)
*Heeter C. M. Sons & Co. (Drilling & Fishing Tools, etc.)
*Kesselman & Co. (Oil Well Supplies)
*Larkin & Co. (Oil Well Tools, etc.)
*Masseth Packer & Machine Co. (Oil & Gas Well Packers, Pumps, etc.)
*Phillips T. W. Gas & Oil Co. (Oil Well Supplies)
*†§Pittsburgh-Hickson Co. (Brass & Iron Beds)
§Poole Brass Fdry. Co.
*Spang & Co. (Oil & Gas Well Supplies, Tools, etc.)
*†Standard Steel Car Co. (Steel Cars & Trucks, etc.) (See Pittsburgh, Pa.)
CALIFORNIA—*†§California Foundry & Machine Co.
CANONSBURG—†Canonsburg Steel & Iron Works
*†§Fort Pitt Bridge Works. (See Pittsburgh, Pa.)
CARBONDALE—Carbondale Mach. Co. (Ice & Refrigerating Machines), Dept. H.
*†Cross Engineering Co. (Coal & Ore Machinery, etc.)
*Hendrick Mfg. Co.
CARLISLE—*†Frog Switch & Mfg. Co. (Frogs, Switches, etc)
†Gardner E. J. Axle & Machine Co. (Axles & Machine Work)
CARNEGIE—*†§Dixon H. L. Co. (Glassmakers' & Potters' Supplies)
CATASAQUA—*†**DAVIS & THOMAS CO.** (Wrought & Machine Iron Castings for Every Purpose)
§Hercules Metal Works (Brass, Bronze & Copper Castings, etc.)
*Lenox Mfg. Co. (Sewing Machine Attachments)
CENTER HALL—*Haney Carriage & Machine Co.
CHAMBERSBURG—*†§Chambersburg Engineering Co. (Steam Hammers, Cranes, etc.)
*†§Chambersburg Fdry. & Mach. Co. (Gasoline Engines)
*†Hafer Foundry & Machine Works
*Hug A. C. (Machinist)
*†Nute, McGehee, Geary Co., Inc., H. Broad
*Schal Jno. D. & Co.
*†§Wolf Co. (Flour Mill ½ Power Transmitting Machinery)
*†Wood's T. B. Sons Co. (Power Transmitting Machy.)
CHARLEROI—†*Charlerol Iron Wks.
CHERRY TREE—†§*Cherry Tree Mach. Co.
CHESTER—*†American Steel Foundries (Open Hearth Steel). (See Chicago, Ill.)
*†Baldt Anchor & Chain Co.
*Berry Engineering Co. (Steam Specialties)
*Black John B. Co. (Est. of) (Edge Tools, etc.)
†Boulden Wm. M. & Son (Jobbing)
†Chester Steel Castings Co. (Open Hearth Steel Castings)
*Cheyney Jno. H. & Co. (Machinists)
§Crown Smelting Co. (Brass Fdrs. & Machinery Castings, etc.)
†*Delaware River Iron Shipbuilding & Engng. Wks.
*†Federal Steel Foundry Co. (Open Hearth Steel Castings)
*Niagara Hydraulic Engine Co. (Hydraulic Engines, etc.)
*Riverside Machine Co.
*†Wetherill Robt. & Co. (Corliss Engines, Paper & Pulp Mill Machy., etc.)
CHESTNUT LEVEL—*Brown J. Edgar
CHICORA—*Bowers Warren
CHRISTIANA—*†Christiana Machine Co. (Mill Machy.)
CLEARFIELD—*†Clearfield Machine Shops (Fire Brick Machy., etc)
*Gearhart Knitting Machine Co. (Knitting Machines)
CLEONA—*Imboden Harrow & Roller Co. (Agrl. Implements)
PENNSYLVANIA—continued.
COATESVILLE—*†Coatesville Foundry & Machine Co. (Grey Iron Castings, etc.)
*†§Lukens Steel Co. (Steel Castings all Consumed by the Company; also Machine Shops for Repairs)
*Midvale Steel & Ordnance Co. (See Phila.)
*†Ridgway, Craig & Son Co. (Elevators, etc)
CODORUS—*†Auchey's Abraham G. & Sons (Iron Fdry., etc.)
COLLEGEVILLE—†*Freed Heater Co., Inc.
COLUMBIA—*†Keeley Stove Co. (Stoves, Ranges & Furnaces)
*O. K. Clutch & Machinery Co. (Power Transmission Machinery)
†§U. S. Lock & Hardware Co.
CONNELLSVILLE—*†Boyts, Porter & Co. (Steam Pumps, etc.)
Connellsville Foundry, Machine & Steel Castings Co., Dept H
*†Connellsville Iron Works (Boilers, Tanks, etc.)
*†§Connellsville Machine & Car Co. (Pumps, Engines, Mine Fans & Iron & Brass Castings, etc)
*†§Connellsville Mfg. & Mine Supply Co. (Coal & Coke Works Equipment)
†Cypher J. L.
McCairns Fdry. Co.
†Munson Heater Co. (Ltd.) (Heaters, etc.)
CONSHOHOCKEN—*†§Bate Wm. T. & Son
*†Messinger's H. C. Sons (Stoves, etc.)
*†Wood Jno. Mfg. Co. (Boilers, Tanks & Iron Fdrs.)
CORAOPOLIS—*†§Duquesne Steel Foundry Co. (See Pittsburgh, Pa.)
*Shamburg & Allen Machine Co.
CORRY—*†Ajax Iron Works (Steam Engines)
*†§Climax Mfg. Co. (Logging Locomotives & Cars, etc.)
*†§Love Mfg. Co. (Grate Bars, Mine Car Wheels, etc.)
*Trill Indicator Co. (Indicators, Reducing Wheels, etc.)
*†§U. S. Brake Shoe Co. (& Walton, N. Y.)
COUDERSPORT — *Coudersport - Mangle Roller Mfg. Co. (Mangle Rollers)
COWANESQUE—*†§Reippel's John Sons (Tools, etc)
CREIGHTON—†Yost Bros.
CRUM LYNNE—*Eagan-Rogers Steel & Iron Co. (Steel Castings)
CURTIN—†§*Eagle Iron Co.
DANVILLE—Brown Will G. (Machinist)
*†§Danville Iron & Steel Co. (Rolling Mill Machy., Engines, Grey Iron & Brass Castings, etc)
Danville Iron & Steel Co.
†Danville Stove & Mfg. Co. (Stoves & Furnaces)
DELTA—†*Roberts R. & Son
*Sidwell C. W. & Son
DICKSON CITY—†Early Foundry Co.
DUBOIS—*†§Dubois Iron Works (Mining, Tannery & Saw Mill Machinery, Grey Iron Castings, etc.)
§*Nopack Brass Mfg. Co.
*†§Osborn Machine Co. (Brass & Grey Iron Castings & Machine Work)
EAST BANGOR—*†East Bangor Mfg. Co. (Castings & Specialties)
EAST BROOK—*Hinkson Bros. (Machinists)
EAST DOWNINGTON — *†§Downington Mfg. Co. (Paper & Pulp Mill Machy., etc.)
EAST GREENVILLE—*†Haas Harvey B.
†Keystone Motor Mfg. Co.
EASTON—§*Butler Edwards Elec. Co.
*§Easton Brass & Machine Works
†§*Hawley Down Draft Furnace Co.
*Hobson & Co. (Agrl. Implmts. & Machy.)
*†§Ingersoll-Rand Co. (See New York City) *See adv index at end of book*
†Kuebler Foundries (Malleable Iron & Steel Castings)
*†Treadwell Engineering Co. (Pipe Cutting & Threading Machines, Heavy Castings, etc.)
See adv index at end of book
†*Wharton Wm. Jr. & Co., Inc.
*†Wilson Bros.
*†Wilson Jacob (Est. of)
†Wilson Stove & Mfg. Co. (Stoves, etc.)
EAST PITTSBURGH—* § **PITTSBURGH METER CO.** (Gas Meters, etc.)
*†§**WESTINGHOUSE ELECTRIC & MFG. CO.** (Electrical Machinery, Engines, etc.)
See adv index at end of book
†§*Westinghouse Mach. Co.
EAST PROSPECT—†Strickler Frank
EAST STROUDSBURG—*†§Stauffer Geo. E. (Engines & Flour Mill Machinery, etc.)
EAST WATERFORD—†Smith Joseph S.
ECKERT—*Sittler Peter (Wagons)
EDDYSTONE—†Baldwin Locomotive Works
*†Belmont Iron Works. (See Phila., Pa.)
*†Eddystone Mfg. Co. (See Burnham, Williams Co., Philadelphia, Pa.)
†Pennsylvania Iron Works Co. (Marine Engines)
*Tindel Morris Co. (Machine Tools, etc.)
ELIZABETHTOWN—*†§Buch's A. Sons Co. (Lawn & Road Rollers, Fanning Mills)
ELIZABETHVILLE — *†§Swab Foundry Co. (Castings, etc.)
ELKLAND—*†§Bedell Andrew S.
ELKLICK—*Haselbarth C. R. & Son (Hardware, etc.)
ELLWOOD CITY—†§Ellwood Foundry Co.
*Mathews Gravity Carrier Co. (Conveying Machy.)
†*Shebly Steel Tube Co.
*†Standard Engineering Co. (Rolling Mill)
*†Steel Car Forge Co. (See Pittsburg, Pa.)
*Tindel-Morris Co. (Machine Tools, etc.), (See Eddystone, Pa.)
ELYSBURG—*†De Shay D. H. (Farm Implements & Castings of All Kinds)
EMAUS—*†Donaldson Iron Co. (Cast Iron Pipe)
EMLENTON—†*Crawford David A.
EMPORIUM—*†§Emporium Machine Co.
EPHRATA—*†Ephrata Foundry & Machine Works (Castings & Cast Iron Troughs, etc.)
ERIE—†American Beauty Stove Co. (Stoves, etc.)
*§American Sterlizer Co.
*†Ball Engine Co. (Steam Engines, Castings, etc.)
*Bay State Iron Works (Portable Engines, etc.)
*Brown Folding Machine Co. (Paper Folding Machines, etc.)
*Burke Electric Co. ("Burke" Electric Motors, etc.)
*Bury Compressor Co. (Air Compressors, Vacuum Pumps, etc.)
†Cascade Foundry Co. (Grey Iron Castings)
*Chapman C. L. Cream Separator Works
*§Erie Bronze Co. (Brass & Bronze Castings, 353 W. 19th
*†Erie City Iron Works (Steam Engines, etc.)
*Erie Clutch & Pulley Co.
*Erie Engine Works (Steam Engines, etc.)
*†Erie Foundry Co. (Steam Hammers, etc.)
*Erie Machine Shops (P. W. Dietley, Prop.)
*†Erie Malleable Iron Co. (Malleable)
*Erie Specialty Co. (Hdw. Specialties, etc.)
*Erie Tool Works (Pipe Cutters, Vises, etc.)
§Erie White Metal Co. (Babbitt Metal, etc.)
†Freez Stove & Mfg. Co. (Stoves, etc.)
*Fulton Mfg. Co. (Marine Engines)
†§Germer Stove Co. (Stoves, etc.)
†Globe Iron Works
*Griffin Mfg. Co. (Builders' Hdw., etc.)
†*Griswold Mfg. Co.
*Harrington Machine Co. (Machine Tools, etc.)
*§Hays Mfg. Co. (Iron & Brass Goods for Gas & Water)
*Heisler Locomotive Works (Geared Locomotives, etc.)
*Hollands Mfg. Co. (Bench Vises & Pipe Tools), 352 E 18th
*†§Jarecki Mfg. Co. (Iron & Brass Fdrs., Malleable & Grey Iron Steam Fittings)
*§Keystone Brass Wks.
§Lippold Valve Co.
*Lovell Mfg. Co. (Clothes Wringers, etc.)
*Merwin Mfg. Co. (Bench Shears, etc.)
*§Metric Metal Works (Gas Meters)
*Modern Tool Co. (Dies, Grinding Machines, Tools, etc.), 300 State
*†Nagle Engine & Boiler Works (Steam Engines, etc.)
†National Foundry Co. (Steel Castings)
†Odin Stove Mfg. Co. (Gas Stoves, etc.)
*Parker White Metal & Machine Co. (Castings)
†Patterson & Stirling (Hot Air Furnaces)
†Penna. Boiler Works
*Reed Mfg. Co. (Bench Vises & Pipe Tools)
*Sims Co. (Steam Specialties), 18th & Whitley av
*†Skinner Engine Co. (Steam Engines, etc.)
*Standard Saw Mill Machinery Co. (Saw Mill Machinery, etc.)
*Steiner Mfg. Works (Tools, Emery Grinders, etc.)
†Urick Foundry Co. (Grey Iron Castings)
*§Victoria Metal Co.
†Walker Foundry Co. (Grey Iron Castings)
*Watson N. A. (Boiler Injectors, etc.)
*Williams Tool Co. (Pipe Threading & Bolt Cutting Machines, etc.)
ETNA—†Etna Foundry Co. (Sash Weights)
§Roessing Bronze Co. (Brass & Bronze Fdrs., etc.)
*Spang, Chalfant & Co. (Works Contain Two Machine Shops). (Office: Pittsburgh, Pa.)
EVERETT—*†Pettigrew Wm.
FLEETWOOD—*Merkel A. P.
FORD CITY—*†§Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)
FRANKLIN—*†American Steel Foundries (Steel Castings)
*†Chicago Pneumatic Tool Co. of N. J. (See Chicago, Ill.)
*†Emery W. N. & Son (Iron Fdrs. & Machinists)
§Franklin Brass & Bronze Co.
†Franklin Fdry. Co.
*Franklin Portable Crane & Hoist Co. (Portable Cranes & Hoists), Printz blk.
†French Creek Fdry. Co.
*§Hough Chas. N. Mfg. Co. (Oil Well Specialties, Brass Founders, etc.)
*†Lane D. T. & Sons
*Milton S. G. & Son (Hoists, etc)
*Sheridan Jas & Sons
*†Venango Mfg. Co. (Railway Specialties)
FREEBURG—*†§Harmon & Moyer
FULLERTON—*†§Dent Hardware Co. (Hardware, etc.)
Fuller-Lehigh Co. (Cars, Wheels & Axles, etc.)
See adv index at end of book
GETTYSBURG—†*Gilbert Calvin

PENNSYLVANIA—continued
GIRARD—Ely Theo. J. Mfg. Co.
*Girard Model Works
†Lake Erie Foundry Co. (Grey Iron Castings, Stoves, etc.)
§*Milner Mfg. Co.
GLASSMERE—*†Allegheny Fdry. & Mach. Co.
GLASSPORT—*American Axe & Tool Co.
*†Pittsburgh Steel Foundry Co. (See Pittsburgh, Pa.)
GREENCASTLE—*Waeck Henry S. (Agrl. Implts.)
GREENMOUNT—*Null Geo. W.
GREENSBURG — *†§Hempfield Foundry (Mine Cars, Wheels, etc.)
*Henry & Sheffler Machine & Auto Co.
*†§Kelly & Jones Co. (See Pittsburgh Pa.)
GREENVILLE—Chicago Bridge & Iron Works, 108 Pine (See Chicago, Ill.)
See adv index at end of book
*†§Hodge Mfg. Co. (Iron Fdrs. & Machinists)
GROVE CITY—†Bessemer Foundry Co. (Grey Iron Castings)
*†Bessemer Gas Engine Co. (Gas Engines)
*Bessemer Motor Truck Co. (Auto Trucks)
*Carruthers & Fitlian Clutch Co. (Clutches, etc.)
§Grove City Brass & Bronze Co.
*§Lawrence Foundry Co. (Iron Castings)
GROVETON—*†Lewis Foundry & Machine Co. (See Pittsburgh)
HAMBURG—†Confer, Smith & Co.
†Hamburg Plow Works
*†Keiser Bros. (Radiators, etc.)
*†Loose Saml. A. & Son (Plows, etc.)
*†Neiman & Saul
*Snell John H. & Sons
HANOVER—*†§Fitz Water Wheel Co. (Water Wheels)
*Flickinger Bros.
*Flickinger John D.
*†Levering Bros.
HARMONY—*†Flowers Foundry Co.
HARRISBURG—*†Boll Bros. Mfg. Co. (Iron & Brass Bedsteads)
†Central Iron & Steel Co.
*†Cooper E. N. & Co.
*Dunkle Arthur J. Co.
*Elliott-Fisher Co. (Book Typewriters & Billing Machines)
§Harrisburg Brass & Bronze Foundry
*Harrisburg Foundry & Mach. Works (Steam Engines, etc.)
*†Harrisburg Mfg. & Boiler Co.
*Harrisburg Pipe & Pipe Bending Co. (Pipe & Coil), Herr, nr 10th
*Harrisburg Roll Grinding & Corrugating Co.
*†§Hickok W. O. Mfg. Co. (Bookbinders' Machy., Iron & Brass Fdrs)
†Lalance & Grosjean Mfg. Co. (See New York City)
HAZLETON—*Anthracite Separator Co.
*Coxe Traveling Grate Co.
†§*Grass Mfg. Co.
*Harleigh Iron Works Co.
*†§Hazleton Iron Works Co. (Fdrs. & Machinists)
†§*Jeansville Iron Wks. Co.
†§*Wilmot Engng. Co.
*†§Worthington Pump & Machinery Corp. (Jeanesville Works)
HOLLIDAYSBURG—*†§McLanahan-Stone Machine Co. (Iron Fdrs. & Stone Working Machinery, etc.)
HOLLISTERVILLE—†*Mott J. B.
HOMESTEAD — *†Carnegie Steel Co. (Fdry. Dept.) (See Pittsburg)
*Homestead Iron Works Co.
*†§Homestead Valve Mfg. Co. (Valves & Steam Goods, Iron & Brass Fdrs.)
*†§Mesta Machine Co. (Rolling Mill Machinery & Castings, etc.) (See Pittsburgh)
*†National Car Wheel Co. (See Pittsburgh, Pa.)
HONESDALE—*Gibbs Chas. E.
*†§Gurney Co.
HOPEWELL—*†§Simon John W. & Son
HUGHESVILLE—*†§Snowden Bros.
HUNTINGDON—†*Atlantic Radiator Co.
*†§Gerloch H. W.
HYDE PARK—*†§Hyde Park Fdry. & Mach. Co. (Rolling Mill Machy. & Castings)
INDIANA—†Indiana Foundry Co.
†Penn. Enamel Sink Co.
IRVINE—*†National Forge & Tool Co.
IRWIN—*†§Irwin Foundry & Mine Car Co.
*Penn Electrical & Mfg. Co.
IVYLAND—*Hobensack Wm.
JEANNETTE—*†Elliott Co.
†*Greensburg Fdry. & Mach. Co.
*Jeannette Machine Co.
*†Pittsburg Lamp, Brass & Glass Co. (See Pittsburg, Pa.)
JERSEY SHORE—†§Trump F. & E. D. (Iron Fdrs., Machinists)
*§Young C. C.
JOHNSONBURG — *†§Johnsonburg Machine Co.
JOHNSTOWN — *†§Cambria Steel Co. (Founders, Machinists & Steel Mfrs.)
*Century Stove & Mfg. Co. (Gas Stoves, etc.)
*Flood City Mfg. Co. (Brass & Bronze Parts & Castings, for Electric Railway, Mills & Mines)
†Globe Iron Foundry Co.
*†§Lorain Steel Co.
*†National Radiator Co. (Radiators, etc.)
†Penn. Fdry. Co.
*†§Suppes Forge & Foundry Co. (Iron & Brass Castings, Mining Machinery & Mine Cars)
†Union Radiator Co.
KANE—*Kane Supply Co. (Machinists)
*†Moser Mfg. Co.
KENNETT SQUARE—*†American Road Machinery Co. (Road Making Machy., etc.)
*†Good Roads Machinery Co. (Road Making Mach'y)
*†§Kennett Foundry & Machine Co.
KITTANNING—*†§Hoey & Gallaher Fdy. & Machine Co.
†§*Kittanning Iron & Steel Mfg. Co.
†McCullough Jas., Jr. (Iron Fdry., etc.)
KUTZTOWN — *†KUTZTOWN FDRY. & MACHINE CO. (See Philadelphia, Pa.) *See adv index at end of book*
LACEYVILLE—Edwards Mfg. Co. (Log Turners, etc.)
*Vandervort John
LANCASTER—*†§Barry & Zecher Co. (Foundry Cupolas, etc.)
*Bowman's Ezra F. Sons (Watchmakers' Tools, etc.)
*Calder Geo. H. (Emery Wheel Dressers)
§†Carbon Steel Casting Co.
*†Champion Blower & Forge Co. (Iron Fdrs., Blowers, Portable Forges, etc.)
*Dellinger A. M. (Machines)
*Fidelity Electric Co. (Electric Motors & Fans)
*§Fraim E. T. Lock Co. (Locks, Castings, etc)
*Hamilton Watch Co. (Watches, etc.)
*†§Hubley Mfg. Co. (Light Grey Iron Castings, Brass Pattern Work, etc.)
*Koch Alfred S. & Sons (Jewelers' Tools, etc.)
†Lancaster Foundry Co. (Malleable Iron Castings)
†*Lancaster Iron Wks., Inc.
†Lancaster Structural & Foundry Works (Architectural & Ornamental Iron)
*§Miller J Walter Co.
†Monitor Bi-Loop Radiator Co.
*National Safety Fifth Wheel Co. (Fifth Wheels, etc.)
*Potts D. H. Co. (Portable Forges, etc)
*Schmid Bros.
*§Slaymaker Lock Co. (Locks, etc.)
*Vondersmith Harry M.
*Welchans Albert C. (Elevators, etc.)
LANDISVILLE—†§*Keystone Boiler & Fdry. Co.
*Minnich Machine Works (Baling Presses, etc.)
LANESBORO—*†Barnes Mfg. Co. (Machinists, etc.)
LANSDALE—*†Central Radiator Co.
†Cox Abram Stove Co. (Stoves, etc.) (See Philadelphia, Pa.)
*†§Heebner & Sons (Agrl. Implts., Grey Iron & Brass Castings)
*†Krupp Foundry Co. (Cast Iron Pipe & Fittings, etc.)
LANSDOWNE—†Crucible Steel Casting Co. (Steel Castings)
LATROBE—*†Latrobe Electric Steel Co. (Castings)
*§West Latrobe Foundry & Machine Co.
LATTIMER MINES.—*†§Lattimer Fdry. & Machine Co.
LEBANON—*†Buchanan Fdy. Co. (Iron Fdrs.)
†§Freshley N. S.
*Fry Edward G.
*†Hunsicker Engineering Co. (Castings, etc.)
†Iron City Foundry Co. (Iron Castings)
*†LEBANON GEAR & MACHINE WORKS, 17th & Forge
See adv index at end of book
†Lebanon Steel Foundry (Crucible Steel Castings)
†Lebanon Stove Co. (Stoves)
*Louden Machine Works
*†§North Lebanon Foundry Co.
*†§Umberger J. R. & H. G.
†Union Boiler & Mfg. Co.
†§Washington Street Brass & Iron Fdry
*†Weimer Chain & Iron Co.
*†§Weimer Machine Works Co. (Rolling Mill & Blast Furnace Machinery, etc.)
LEETSDALE — †Leetsdale Fdry. & Mfg. Co.
*Tate, Jones & Co.
See adv index at end of book
LEHIGHTON—†Crescent Stove & Mfg. Co. (Stoves, etc.)
†Diamond Iron Wks.
*Lehigh Stove & Mfg. Co. (Hot Air Furnaces, etc.)
LEMOYNE—§Lemoyne Brass Fdy.
LEOLA—*Leola Machine Co.
LEONA—Ely E. C. Co. (Hdw. Specialties, etc.)
LERAYSVILLE—†Bailey E. M. & Son (Iron Fdry. & Plows, etc.)
LEWISBURG—*†§New Central Foundry Co.
LEWISTOWN—*†§Lewistown Fdry. & Machine Co.
*Mann Jas H. Co. (Tools, Axes, etc.)
LIBERTY—†*Miller R. N.
LINESVILLE—*Van Slyke F. J. & Son
LINFIELD—†§*Sanitary Co. of America
LITTLESTOWN—†*Littlestown Hdwe. & Fdry. Co.
LOCKHAVEN—†Novelty Iron Works
LOCUST VALLEY—*†Hersh Harvey M.
LUZERNE—*†§Luzerne Mfg. Co. (Mine Drills, etc.)
LYKENS—†*Eagle Iron Wks.
McDONALD—*Tillinghast B. D. (Machinist)
McEWENSVILLE—†Gearhart Wm. L. & Son
McKEESPORT—†Fort Pitt Steel Casting Co. (Steel Castings)
*†Monongahela & Yough Foundry Co.
*†National Tube Co. (Foundry Dept.). (See Pittsburgh.)
*§Sheermesser H. S.
*Smith, Nimmo & Co. (Ornamental Iron Work)
McKEES ROCKS—†Fort Pitt Malleable Iron Co. (See Pittsburgh, Pa.)
*†Pressed Steel Car Co. (See Pittsburg)
*†Taylor-Wilson Mfg. Co. (Iron Founders, Pipe Mill & Special Machy., Machine Moulded Gears, etc.)
McVEYTOWN—*†Stine Samuel R.
MACUNGIE—*§Macungie Brass & Mfg. Co.
*§Neumeyer H. F. & Son (Brass Fdry. & Nozzles & Couplings)
MAHANOY CITY—*†§Grant Iron Works (Steam Engines & Pumps, Car Wheels, etc.)
MANHEIM—Bond Foundry & Machine Co. (Power Transmitting Machy.)
*†Hershey Machine & Foundry Co.
MANSFIELD—†§*Lomlinson De Witt C.
MARIANNA—*†§Johnetta Fdry. & Machine Co.
MARIETTA—†Marietta Casting Co.
*†Marietta Hollow Ware & Enameling Co.
†National Castings Co.
MARS—*Sheridan Jno. J. & Co. (Machinists & Drilling Tools)
*†Velte Foundry & Machine Co. (Grey Iron Castings, also Machine Shop)
MAUCH CHUNK—*†Mauch Chunk Iron Wks. (Coal Miners Machinery, etc)
MEADVILLE—*Barrette Machine Tool Co. (Machine Tools, etc.)
*§Bronze Metal Co. (See New York, N. Y.)
*Champion Tool Co. (Blacksmiths' Tools)
*Dowell H.
*Hookless Fastener Co.
†Jones Fdry. Co.
*McCrosky Reamer Co. (Chucks, Reamers, etc.)
†Meadville Malleable Iron Co. (Malleable Iron Castings)
*Meadville Metallic Vault Co.
*Meadville Wrench Co. (Wrenches, etc)
*†Page W. H. Boiler Co. (Heaters, etc.). (Office: New York City)
*†Phoenix Iron Works Co. (Boilers, Tanks, etc)
*Spirella Co.
*Yost Mfg. Co. (Vises, etc)
MECHANICSBURG—*Comstock Geo. S. & Son
*Potts Mfg. Co. (Machinists, etc.)
*Wilcox D. Mfg. Co. (Carriage Hdw., etc.)
MEDIA—*Wood Wm. H. (Special Machy., etc.)
MERCER—†Reznor Mfg. Co. (Gas Stoves, etc.)
MEYERSDALE—*†§Boucher Milton H. (Iron Founder)
MIDDLETOWN—*†Middletown Car Co. (Cars & Castings)
*Wincroft Stove Works
MIDLAND—*†Pittsburgh Iron & Steel Foundries Co. (Axle Boxes, Brake Shoes, Iron Fdrs., etc.)
MIFFLINBURG—*†Albright Jas. H. & Sons (Agrl. Implements, Cultivators, Harrows, Rakes, etc.)
MILFORD SQUARE—*Weisel Harvey H.
MILLERSBURG—*Alvord Reamer & Tool Co. (Reamers)
*Lenker Frank K. & Co. (Saw Mill Machinery)
*Millersburg Fifth Wheel Co. (Fifth Wheels, etc.)
*Polk A. J. & Son Co. (Screw Plates, Taps, Dies, Reamers, etc)
MILLHEIM—*†Hartman J. H. B. Co.
MILTON—*†American Car & Foundry Co. (See St. Louis Mo.)
*Milton Mfg. Co. (Nuts, etc.), Dept. H
†§Shimer Sam'l J. & Sons (Ettinger Cutter Heads, etc.)
MONACA—*†United States Sanitary Mfg. Co. (See Pittsburgh, Pa.)
MONESSEN—*†§Monessen Fdry. & Machine Co.
*Page Steel & Wire Co.
MONONGAHELA—*†§Coshocton Iron Co. (Iron Castings, etc.)
*†Cyclops Foundry Co. (See Pittsburgh)
*Liggett Spring & Axle Co. (Carriage Axles & Springs, etc.) (See Pittsburgh, Pa.)
*Simmons Foundry & Machine Works
*Tempest & Ternent
MONT CLARE—†Hallman Oliver F. (Cast Iron Pipe Fittings)

MONTGOMERY—*†American Woodworking Machinery Co. (Woodworking Machy.) (See Rochester, N. Y.)
MONTROSE—*†Beach Mfg. Co. (Woodworking Machinery)
MORGANTOWN—*Sweigart Abraham R. (Jobbing)
MOSCOW—*†§Swartz Philip & Sons
MOUNT CARMEL—*†§Mount Carmel Iron Wks. (Coal Mining Machinery, etc)
MOUNT JEWETT—*Weeks Scale Works (Sales, etc.)
MOUNT JOY—*†§Grey Iron Casting Co. (Hardware Specialties & Light & Heavy Castings)
*†New Standard Hardware Works (Food Choppers, etc.)
*Rollman Mfg. Co. (Ltd.) (Iron Novelties)
MOUNT PLEASANT—†Lentz Henry
MOUNT UNION—†*Dixon H. L. Co.
MOUNTVILLE — *†Mountville Mfg. Co. (Agrl. Implts., Plows, Planters, Corn Sheilers, etc.)
MUNCY—†Artley Bros. (Agrl. Implts.)
*†Robinson Mfg. Co. (Flour Mill Mchy.)
*†§Sprout, Waldron & Co. (Flour Mill Machinery, etc.)
MYERSTOWN—†Dubble & Zinn
*Myers E. H. (Gasoline Engines, etc)
†§*Myerstown Fdry. & Mfg. Co.
*†Painter Jos. & Sons
NANTICOKE—*Bittenbender W. W. & Co. (Machinists & Mine Drills)
*Norman Picker Co. (Slate Picking Machines)
NAZARETH—*†Nazareth Foundry & Machine Co. (Iron Castings & Machine Work)
NEW BRIGHTON—†Damascus Crucible Steel Casting Co.
§Keystone Bronze Co.
*Pittsburg Machine Co. (Gas or Gasoline Engines)
§Riedel & Sons Mfg. Co.
*†Standard Sanitary Mfg. Co. (See Pittsburgh, Pa.)
*Standard Specialty & Tube Co. (Collapsible Tube Filling & Closing Machines)
*Townsend Co. (Wire Rivets, Nails, etc)
NEW CASTLE—*Douds Frank C. & Co. (Steam & Water Specialties)
*§Johnson Bronze Co. (Brass Car Trimmings & Castings)
*†Penna Engineering Works (Rolling Mill Machy. & Castings)
†Stove & Range Co. of Pittsburgh
NEW HOLLAND—†*New Holland Mach. Co.
NEW KENSINGTON—*†Aluminum Co. of America. (Office: Pittsburg)
§Aluminum Cooking Utensil Co.
Union Spring & Mfg. Co.
*†Union Spring & Mfg. Co. (Springs, Steel Castings, etc.)
NEW OXFORD—*†Weaver & Co. (Feed Cutters, etc.)
NEWPORT — †Juniata Furnace & Fdry. Co.
NEWSIDE—*†Peter F. N. & Bro. (Iron Railings, etc.)
NEWVILLE—*Whistler J. C.
NORRISTOWN—*†Fowler & Wolfe Mfg. Co. (Radiators). (See Phila., Pa.)
*†Haines, Jones & Cadbury Co. (See Philadelphia, Pa.)
*†Harrison Safety Boiler Works. (See Philadelphia, Pa.)
*Lowndes & Butler
*†Newbold R. S. & Son Co. (Rolling Mill Machy. & Castings, etc.)
*Reading Screw Co. (Screws & Specialties)
*Rittenhouse Frank (Confectioners' & Tack Machy., etc.)
*Rittenhouse Wm. H.
*Walton Luther
*†§Wildman Mfg. Co. (Knitting Machines)
NORTH EAST—§*Elec. Materials Co.
*§Eureka Co. (Commutators, etc.)
*†Fernald Mfg. Co. (Hardware & Harness Specialties)
NORTHUMBERLAND—*Keystone Forging Co. (Fifth Wheels, etc.)
NORTH WALES—*Armstrong Truck Co. (Trucks & Casters)
†North Wales Foundry Co. (Grey Iron Castings)
*†§North Wales Machine Co. (Hack Saw Machines, Bench Grinders & Grey Iron & Brass Castings)
OGONTZ — *Hammond C. & Son (Edge Tools, Hammers, Sledges, etc.)
OIL CITY—*Boardman Robt. Co. (Oil & Gas Well Tools, etc.)
*Condrin Mrs. Wm. Marine (Machinist)
*Logan Robt. (Engines & Oil Well Supplies)
*†§Oil City Boiler Works (Steam & Gas Engines, etc.)
†Oil City Foundry Co.
*†§Oil Well Supply Co.
*†§Reid Jos. Gas Engine Co. (Gas Eng., etc.)
*Simon August (Machinists)
OLYPHANT—†Olyphant Foundry Co.
ORANGEVILLE—*†§Conner J. W. & Son (Agrl. Implts. & Castings)
OSCEOLA MILLS—*†§Stine S. B. (Mine Fans, Haulage, Engines, etc.)
PALMERTON—†§*N. J. Zinc Co. of Pa.
PARKERS LANDING—*Schenck Mfg. & Supply Co.
PARKENSBURG—*Parkersburg Stamping & Mfg. Co.
PATTON—*Cole Bros. (Machinists)
PENN STATION—*†American Fdry. & Pipe Co. (See Pittsburg, Pa.)
*†§Hockensmith Wheel & Mine Car Co.
PERKASIE—*Karmer Wm. K
PETROLEUM CENTER—*Betts W. L.
PETROLIA—*Berry Lewis D.
PHILADELPHIA—Acme Machine Co., 316-26 N. 17th
See adv index at end of book
†Adams Wm. Fdry. Co. (Iron Fdrs., Builders & Other Castings, etc.), 960 N 9th
§Adams & Westlake Co., 2218 W Ontario. (See Chicago, Ill.)
†Aetna Foundry Co., 22nd & Allegheny av
*Albro-Clem Elevator Co. (Elevators), D & Erie
*Allen Alonzo W. (Machinist), 2427 Mascher
*Allen A. & Co. (Machinists), 2001 Carpenter
*Allen Iron & Steel Co., 3rd & Venango
*†Allen S. L. & Co. (Agrl. Implts.), 5th & Glenwood
*Altemus Jacob K. (Textile Machy.), 2824 N 4th
*†§American Bridge Co. of New York (Pencoyd Works), Penn. bldg
*†American Engineering Co. (Stokers, Windlasses, Hoisting Engines, Iron Castings, etc.), Aramingo & Cumberland
*†American Fork & Hoe Co. Ashland Fkd. Creek. (See Cleveland, O.
*American Insulating Machinery Co. (Wire Winding Machy., etc.), Huntington & Fairhill
*†American Machinery Co., 330 N 12th
§American Manganese Bronze Co., 3501 Rhawn
*American Metal Works, Stenton & Rockland
§American Meter Co., 3112 N 17th
Ashman S. A. & Son Co., 2300 E. Tioga
*Baeuerle & Morris Sugar Machinery), 932 N. Front
*Bagshaw & Field (Machine Tools), 445 N 5th
*†Baizley Jno. Iron Works (Builders' Iron Work & Castings), 514 S Del. av
*†§Baldwin Locomotive Works, Broad & Spring Garden
*†Barker Jas. (Iron Foundry, Cotton & Woolen Mach'y & Grey Iron Castings), 6th & Cayuga
*Barnett G. & H. Co. (Files, etc.), 1076 Fkd av
*Beck Machine Chas. Co. (Paper Box Machinery), 607 Chestnut)
See adv index at end of book
*§Belfield H. Co. (Brass Fdrs., Valves & Steam Specialties, etc.), 435 N Broad
†§Bement Miles Works, 21st c Callowhill. (See Niles, Bement, Pond Co.)
*†Bernstein Mfg. Co. (Metallic Bedsteads, Grey Iron Castings, etc.), 3rd & Alleghany
†Biddle-Gaumer Co. (Bldrs. Iron Work, etc.), 3846 Lancaster av
*Bilgram Machine Works (Gears & Gear Cutting), 1235 Spring Garden
*Billington Jas. H. Co. (Textile Machy.), 113 Chestnut
§Bircher Geo. (Brass Fdr., etc.), 716 Cherry
*Blessing C. A. (Plumbing Specialties, etc.), 516 Montgomery av
*Boekel Wm. & Co. (Metal Spinning, Force & Test Pumps, etc.), 518 Vine
*Borger, Valentine (Butchers' Tools, etc.), 2035 N 2d
*†Boureau H. U. & Co. (Builders' Iron Work), 3302 Ludlow
*Box Alfred & Co. (Cranes, Hoists, etc.), Front & Poplar
*§Boyd Jas. & Bro., 12 N 4th
§Bradford Wool Comb. Co., 1908 E. Westmoreland
*Braun Co. (Coffee Mills, Food Choppers, etc.), 1615 N. 23rd
*†Braun J & Sons, 1615 N 23rd
*Brewer Bros. Co. (Bldrs.' Hdw., etc), 2nd & Somerset
*§Bridgman Bros Co. (Plumbers & Steam Fitters Brass Goods & Castings), 131 S 31st
*Brinton H. Co. (Knitting Machy.), 213 Race
*Brohard Co. (Hardware Specialties, etc.), Lehigh & 3d
†Brown E. E. & Co. (Iron Fdrs.), McKean & Meadow
*Brown Instrument Co. (Electric Instruments), 901 Montgomery av
§Buckley Walter F., 627 Filbert
†*Budd Grate Co., 2013 E. Letterly
*Bullock C. K. Co., 1357H Ridge av
*†§Butterworth H. W. & Sons Co. (Textile Machy.), E York & Cedar
*Campbell Peter F. (Grinding Mills, etc.), 51 Laurel
*Carnell Geo. (Est. of) (Brick Machinery), 1819 N 5th
*Carr Jos. Co. (Special Machy. & Optical Grinding Tools), 132 N 7th
*Carver File Co., 3231 Frankford av
§Caskey William & Son (Brass Fdrs., etc.), York & Richmond
§Central Bronze & Brass Fdy., 714-716 Cherry
*Central Machine Co. (Machinists), 7th & Wood
*†§Chambers Bros. Co. (Brick & Paper Folding Machinery, etc.), 52d, below Lancaster
*†Chester Steel Castings Co. (Steel Castings, etc.), 407 Sansom
*Chesterman & Streeter (Metal Specialties, etc.), 25 S 11th
†Clark J. Alfred (Grey Iron Castings), Gray's Ferry rd. & 35th
*§Clay John H. (Brass Finisher & Fire Dept. Supplies, etc.), 1320 Ridge av
Cochrane H. S. B. W. Corp. (Feed Water Meters, Steam & Oil Separators, Back Pressure & Atmospheric Relief Valves, Water Softeners, Ice Breakers), 3147 N. 17th
§Cohocksink Brass Fdry, 5th & Berks
*Colladay Jos. O. Co. (Woodworking Machinery), 626 Race
†Columbia Record Stove Co. (Stoves, etc.), 624 S 2d
Commercial Truck Co. of America, 27th & Brown
*Cooper Dyer (Machinist & Pumps), 615 N Galloway
*†Cox Abram Stove Co. (Stoves & Heating Apparatus), N American c Dauphin
*†Cox & Sons Co. (Steam Engines & Pipe Cutting & Threading Machines), 5th & Chestnut. Works: Bridgton, N. J.
*Coyle H. B. Iron Works, 622 Filbert
*†§Cramp Wm. & Sons Ship & Engine Building Co. (Steel Ships, Marine Engines, etc.), Beach & Ball
§Crescent Phosphorized Metal Co. (Phosphor Bronze, Copper & Tin), 2314 Wood
*†Cresson Morris Co. (Power Transmission & Sugar Machinery, etc.). Allegheny & 18th
*†Creswell Sam'l J. Iron Works (Inc.) (Iron Fdrs. & Bldrs.' Iron Work), Cherry & N 23d
*†Crompton & Knowles Loom Works, 16th & Glenwood. (See Worcester, Mass.)
*Dallett Thos. H. Co., 1324 Federal
*Defiance Mfg. Co., Sumerdale Sta.
†Deily & Fowler Mfg. Co. (Gas Tanks etc.), 39 Laurel
*Deissler P. & Bro. (Machinists), 249 S 6th
*†§Devlin Thos. Mfg. Co. (Malleable & Grey Iron & Brass Fdrs., Malleable Iron Fittings & Carriage & Saddlery Hardware, etc.), N 3d & Lehigh av
*Dewees Jno. W. (Machinist), 640 Filbert
*Diamond Textile Machine Works (Textile Machy., etc.), 1820 N 10th
*Dienelt & Eisenhardt, Inc. (Power Hammers, Oil Cloth Printing & Special Machinery), 1304 N. Howard
*Dietz Machine Co. (Envelope, Cigarette & Match Box Machy), 126 Fontaine
*†Disston Henry & Sons (Inc.) (Saws, Tools, etc.), Tacony
*D'Olier Centrifugal Pump & Machine Co. (Centrifugal Pumps, etc), 1421 Chestnut
§Dunn & Eldridge Co. (Brass & Bronze Hdw., etc.), 6 N 6th
*Earle Gear & Machine Co. (Cut Gears, Machy, etc.), Stenton & Wyoming av
*Electric Storage Battery Co. (Storage Batteries, etc.), 19th & Allegheny
*§Ellis G. D. & Sons Co. (Brass Specialties, etc.), 309 N 3d
*Ellison Bros. (Machine Tools, etc.), 2213 Bridge, Fkd.
*Energy Elevator Co. (Elevators), 214 New
*†Enterprise Mfg. Co. of Pa. (Meat Choppers, Lawn Sprinklers, Hardware Specialties, etc.), Dept. H, 3rd & Dauphin
*Espen-Lucas Machine Works (Machine Tools, Cold Saws, etc.), 21 Girard
*Evans Jno. Sons (Car & Carriage Spring & Leather Machy), 506 N 13th
*§Evans S. W. & Son (Brass Goods), 4623 Paul
§Excelsior Brass Works, 1517 Spring
Eynon-Evans Corp. (Engineers' Specialties & Brass Composition Castings), N. 15th & Clearfield
Fairmount Foundry Co., Duncannon & Clinton
*Fairmount Machine Co., 10 N 19th
*Fidelity Machine & Mfg. Co., 4015 Paul
*Fischer Machine Co. (Paper Bag & Special Machy), 310 N 11th
*†§Flagg, Stanley G. & Co. (Iron & Steel Fdrs., Steam Pipe Fittings), Morris bldg
*Fletcher Wks., Glenwood av
*†Florence Iron Works Iron Fdrs. & Machinists), 400 Chestnut. Works: Florence, N. J.
*Flower D. B., 1217 Spring Garden
*§Ford Bros. & Co. (Machinists & Brass Fdrs.), 1610 S Front

PENNSYLVANIA—Philadelphia—cont.

*§France Packing Co., Inc. (Metallic Packing, etc.), 6510 State rd, Tac.
†§*Frankford Fdry. & Mach. Wks., 611 Widener bldg
*Frankford Mach. Co., Inc., 4097 Frankford av
†*Freed Heater Co., Inc., 667 Phila. Bourse
*Geforer C. & Son (Gas Burners & Brass Goods), 1017 Ridge
*General Engineering Co. (Machy. Repairs, etc.), 717 S Front
†Gensel Fred. & Co (Iron Railings, etc.), 911 Vine
†Girard Iron Works (Iron Fdrs. & Machinists, Brewers' Machy., Castings, etc.), 22d & Master
*Girard Machine & Tool Co. (Machy. & Tools), 491 N 3d
*†§Globe Machine & Fdry. Co., Inc., Tackawana & Church, Fkd
*†Glover Bros. (Iron Founders & Hdw. Specialties), Paul & Vandyke
*Goldner Henry Boiler & Tank Works, Water & Mifflin
*Griffin Jno. J. & Co. (Gas Meters, etc.), 1513 Race
*§Griffiths Jas. A. (Injectors, etc.), 1315 Buttonwood
*Griffith Tool Works, 521 Market
§Guest Geo. (Awning Frames, etc.), 4423 Ludlow
*§Haines, Jones & Cadbury Co. (Brass Fdrs., Plumbers' Brass Goods & Supplies), 1136 Ridge av. Works: Norristown, Pa.
*Hainesport Mining & Transportation Co., 804H Finance bldg
*§Halstead & Co. (Brass Fdrs. & Finishers), 1129 Cherry
*Haltons Thos. Sons (Textile Machinery), Allegheny av & C
Hand John E. & Sons Co., 208 Chestnut
*Harman Bros. (Engineers & Machinists), 1915 Washington av
*Harrington Edwin Son & Co. (Machine Tools, Chain Hoists, etc.), N 17th & Callowhill
§Hartman Co. (Valves, Tuyeres, Coolers, Liquid Cinder Cars, etc.), 123 N Front
Harton Pembroke D. Co. (Bakers' Machy.), Lawrence & Leigh
*Haskell Dawes Machine Co. (Textile Machinery), Trenton & Erie. (See Boston, Mass.)
*Hawkins Wilson Co. (Steel Die Stamping Presses), 712 Sansom
*Helme & McIlhenny (Gas Meters, etc.), 1339 Cherry
*Henderson Machine Co. (Machy. Mfrs.), 5032 Gtn. av
*§Hentschke Albert & Son (Surgical & Dental Instruments, etc.), 731 Race
*Hepworth Jno. W. & Co. (Textile Machy), cor Lehigh av & Macher
*Hess Bright Mfg. Co., Front & Erie av
Hess Machine Works (File Machy.), Dept. H, 4951 Lancaster
*Hess & Barker (Engineers & Machinists, Tablet Machines), 618 Chestnut
*§Hey M. Mfg. Co. (Brass Fdrs. & Brewers' Specialties), 633 N 3d
§Hitz Chas. R., 2326 N 5th
*Hodson G. & A. (Pulleys, etc.), 226 Arch
*§Homer Brass Works (Inc.) (Brass Fdrs. & Finishers), 231 Race
*Hood, R. H. Co. (Worster & Curled Hair Machinery), 1842 Gtn. av
*†Hoopes & Townsend Co. (Bolts, Nuts, Washers, etc.), Broad & Buttonwood
§Horn & Brannen Mfg. Co. (Inc.) (Gas Fixtures & Brass Fdrs.), 427 N Broad
*Horridge & Hinman (Machinists), 628 Race
*†Horrocks Iron Works (Builders' Iron Works), 234 N Broad
*Hub Machine Welding & Contracting Co. (Metal Sawing Machines, etc.), 450 N 12th
*Hughes & Russum (Beaming Machines, etc.), Oxford & Hedge
*Insinger Co. (Dish Washing Machines, etc.), Stenton av
*Jaeger Automatic Machine Co, (Slot Machines), 2238 N 9th
*Jefferson Machine Co., Denkla bldg
*Jesnig C., 716 Sansom
*Jesson Jno. B. (Machinist), 424 Vine
*Johnson Israel H., Jr., Co. (Machine Tools), 337 N 15th
*Johnson Mfg. Co., 814H Cherry
*Kaltenthaler Henry J. (Flanges & Flange Fittings, etc.), 234 Cherry
†Kappler-Fox Foundry Co. (Stoves, etc.), York & Thompson
*Kensington Hardware & Tool Mfg. Co., 410H Mechanic, Germantown
*Kensington Structural Steel Co., Dept H, Venango & 9th
*Kinetic Engng. Co., 60th & Baltimore av
*Keystone Spring Works (Carriage Springs, etc.), 13th & Buttonwood
*Keystone Structural Co. (Steel Structural Work), Harrison bldg.
*Kinetic Electric Co. (Dynamos & Motors), 16 S Schell
§Kirn M. L. & Bro. (Brass Fdrs.), 2135 N Lawrence
*§Kitson Hydro-Carbon Heating & Incandescent Lighting Co. (Plumbers' Brass Goods, etc.), 2819 Oakford
§Klause Chas. (Brass Fdry. & Metal Spinning), 460 N 12th
*Knox Mfg. Co., 821 Cherry
Kruger & Blind Co. (Engine Room Repair), 511 Master
*†**KUTZTOWN FOUNDRY & MACHINE CO.** (Boiler Fronts, Grate Bars, Compound Separators, etc.), 1421 Chestnut
See adv index at end of book
*Lanston Monotype Mach. Co. (Type Casting & Composing Machines), 24th & Locust
†§*Lehigh Coal & Navigation Co., 437 Chestnut
*Leonard Machine Works (Special Machy. & Parts), 1222 Race
*†Liberty Stove Co. (Ranges, Furnaces, etc.), 308 Chestnut
*Lindsay, Hyde & Co., 2130 E York
†Lindsay Wm. A., Dept H, Krams & Wilde
*†**LINK-BELT CO.** (Elevating, Conveying & Power Transmitting Machinery), Hunting Park av & P. & R. Ry
See adv index at end of book
*§Lonergan J. E. Co. (Brass Fdrs. & Finishers & Steam Specialties), 211 Race
*Loomis-Manning Filter Co. (Water Filters), Land Title bldg, Reed & 37th
*Lorimer Machine Co. (Textile Machy.), Ontario & Lawrence
§Lukens Thos. F. Metal Co. (Canning Factory Supplies), 1105 Fairmont av
*Lusse Bros. (Machinists), 2807 N Fairhill
*Lutz Co. (Special Machinery, etc), 31st & Grays Ferry rd
*Lynwood Mfg. Co., Westmoreland & Hancock
*§McCambridge Co. (Plumbers Brass Goods, etc.), 315 N 20th
†McHatton Foundry Co., 1500 Washington av
*McMichael Abner (Machinist), 22 Armat, Gtn.
*McNiece Wm. & Son (Saws, etc.), 515 Cherry
*Maerky Emil, 218 Arch
§Massa George (Locks, etc.), 245 S 6th
†§May H. A. Foundry Co., 61st & Eastwick
*Mayall Lewis A. & Son (Machinist), 748 S Samson
*Mercury Machine Co, (Inc.), (Key Seating Machines), 2117 N Broad
*Midland Metal Co. (Inc.) (Ornamental Brass & Bronze Work), 21st & Jefferson
*†Midvale Steel & Ordnance Co., Widener bldg
*§Miller Lock Co. (Locks, etc.), 4523 Tacony
*§Mills Thos. & Bro. (Inc.), (Brass Fdrs. & Confectioners' Machy.), 8th & Thompson
*Mitchell John (Millwright, Machinist & Bldrs.' Iron Work), 2224 Vine
*†§Moore & White Co. (Iron Fdrs. & Machinists, Paper & Pulp Mill Machy., etc.), N 15th & Lehigh av
*†§Morris I. P. Co. (Engines, Pumps, Turbines, Castings, etc), Richmond & Norris
†*Morris Truck & Wheel Co., Isabel rd & 75th
*§Mousley's Chas. Sons (Brass & Bronze Castings & Ship & Car Hardware Mfrs.), 457 N 12th
Muncie Malleable Casting Corp. (Steel & Malleable Iron Castings, etc.), Muncie, Ind.
*§Nacke A. & Son, 236 S 9th
*National Automatic Knitter Co. (Inc.), (Textile Machy., Knitting Machines, etc.), 2725 Mutter
*National Metal Edge Box Co. (Metal Edge Box Machines), 1217 Callowhill
*National Specialty Mfg. Co. (Drug Mills, etc.), 3d & Lehigh av
*Nazel Engineering Works, 4049 N 5th
*†§Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Founders, etc.), Harrison bldg
Newton Edwin A. (Emery Grinders, Knitting Machy., etc.), 310 N 4th
*†Newton Machine Tool Works (Machine Tools), 23rd & Vine
*†Niles-Bement-Pond Co, (Machinists & Machine Tools), 21st & Callowhill. (See New York City)
*Norbom Engineering Co. (Dredging Machinery), Denckla bldg.
§North American Smelting Co. (Babbitt Metal, Brass and Phosphor Bronze, etc.), 9th & Thompson
*†§North Bros. Mfg. Co. (Brass & Iron Fdrs. Hardware & Specialties), Lehigh av, cor American
*Northern Machine W'ks, Marshall & Jefferson
*Novelty Electric Co. (Electric Specialties), 50 N 4th
*O'Neill Elevator Co. (Elevators), 628 Cherry
§Oat Jos. & Sons (Sugar Machinery & Distilling Apparatus), 232 Quarry
*Oldham Geo. & Son Co. (Pneumatic Tools), 4326 Lackawanna, Fkd.
*Olsen, Tinius Testing Machine Co. (Testing & Hydraulic Machy.), 500 N 12th
*Orum Morris L. (Machinist), 503 N 11th
§Ott Geo. F. Co. (Machy. for Brewers, Maltsters, Chemical Works, etc.), 209 Buttonwood
*Otto Engine Mfg. Co., Dept. H, 33rd & Walnut
*Paiste H. T. Co. (Electrical Specialties), 3201 Arch
*†Pancoast Henry B. Co. (Iron Pipe, Fittings, etc.), 950 N Front
*Paxton & O'Neill (Knitting Machines), 541 N 3d
*Peerless Belt Lacing Mach. Co., Swanson & Moore
*†Penn Seaboard Steel Co. (Casting Acid Open Hearth Steel of All Descriptions), Franklin Bank bldg
†Penna. Forge Co. (Forges), Jenks & Bath
Pennsylvania Instrument Co., 616-618 Chestnut
See adv index at end of book
*§Perkes Chas. (Est. of), (Brass Fdr. & Plumbing Goods), 627 Arch
†Perseverance Iron Foundry Co. (Ltd.), (Iron Fdrs.), Passyunk & Federal
*§Phila. Coppersmithing Co. (Brass Fdrs. & Coppersmiths), 222 N Front
*Philadelphia Drying Machinery Co. (Drying Machy., Fans & Presses), 3351 Stokley
*Philadelphia Electrical & Mfg. Co. (Electrical Specialties), 1236 N 31st
*Philadelphia Gear Works (Gears, etc.), East Vine
*†Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson
*Philadelphia Lawn Mower Co. (Lawn Mowers, etc.), 3101 Chestnut
†*Philadelphia Roll & Mach. Co., 25th & Washingon
†Philadelphia Sash Weight Works, Glenwood av nr 22d
†Philadelphia Stove & Iron Foundry Co. (Iron Fdrs. & Stoves, Ranges & Grey Iron Castings), 1631 N 5th
†Phila. Thermometer Co., 9th & Arch
*Phila. Tram Rail Co., Front & Tusculm
*†Phoenix Iron Co. (Iron Founders & Machinists & Steel Mfrs.), 22 S 15th. Works: Phoenixville, Pa.
§Phosphor-Bronze Smelting Co. (Phosphor Bronze), 2200 Washington av
*Plumb Fayette R. (Inc.) (Edge & R R. Track Tools, etc.), Tucker & James
*Power L. & Co. (Woodworking Machinery), 20 S. 23rd
*Pressed Steel Mfg. Co. (Ball Bearings, Bearings, etc.), Land Title bldg.
Proctor & Schwartz, Inc. (Formerly Phila. Textile Machy. Co.), 7th & Tabor rd
See adv index at end of book
*Quaker City Iron Works, Dept. H, Tioga & Richmond
*Railway Steel Spring Co. (R. R. Springs, etc.), 1022 Newmarket. (See New York City)
*Rainear C. J. & Co., 518 Arch
§Reeves Paul S & Co. (Brass & Composition Castings & Bearings, etc.), 1415 Catharine
†Reeves Sam'l V. (Stoves, etc.), 45 N 2d
*Rehfuss George & Sons, 1311 Carlisle
*Reid A. H. Creamery & Dairy Supply Co. (Creamery Machy., etc.), 69th & Haverford
*Reid Robert, 71 Laurel
*Remington & Sherman Co. (Safes. vaults, etc.), 636 Richmond
*Rich J. & G. (Machinists), 120 N 6th
*Richards Bros. (Machinists), Umbria & Pa. R. R. Manyunk
*†Richmond Radiator Co., 2241 N American. (See New York)
Riehl Bros. Testing Machine Co. (Testing Miachines, Jacks, Presses. etc.), 1424 N 9th, Dept. H
*Riehl H. & Son (Machinists), 1130 Orianna
*Ritter Machine Co., 19th & Glenwood
Roberts H. C. Elec. Supply Co., 11th & Race
†§*Roberts H. S. Co., Harrison bldg
†Roberts & Mander Stove Co (Stoves, etc.), Washington av & 11th
*Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
§Rosenthal's Jos. Sons (Brass Castings, etc.), 190 Berks
*Roth Gottlieb 602 Beach
*Rowan Hy. A., Jr. Co. (Machinist), 2036 Sansom
*Rudolph Wm. F. (Machinist), 1308 Girard av
*Ruwell Wm. F. (Engine Repairs, etc.), 719 Noble
*§Savill Thos. & Sons (Brass Fdry. & Finisher, Plumbing Goods), 320 N 11th
*Schade Valve Mfg. Co. (Valve Mfrs.) 2528 N American
Schaefer, E. (Coppersmiths & Tanks), 1320-22 N 5th, Dept. H

*Schaeffer Machine Works (Special Heavy Machy.), 35th & Gray's Ferry rd
*†Schaum & Uhlinger (Textile Machy., Looms, Iron Fdrs., etc.), N American & Glenwood
*Schiller Fred'k & Co., 323 N. 3d
*Schiller, Nolan & Co. (Cylinder Re-Boring & Machinists), Darien & Wood
†Schneider Bowman Co., Frankford & Van Dyk
*Schober Geo. M., 3231 Market
*†Schofield Wm. Co. (Iron Fdrs. & Textile Machy.), Kram's av ab. Wilde, Manayunk
*Schramm Chris. D. & Son Inc., 709 Arch
*†Scullin Simon (Est. of) Cambria & American
*†§Sellers Wm. & Co. (Inc.) (Machine Tools & Heavy Machy.), 1600 Hamilton
†Sheeler-Hemsher Co., 811 Fairmont av
*†Sheppard Isaac A. & Co. (Stoves, Ranges & Furnaces), Harrison bldg
§Shimer, McGlynn & Co. (Smelters, etc.), 19th & Washington av
*Shuster Plumbing Supply Co. (Iron Fdrs., Cast Iron Pipe & Plumbers' Castings, etc.), Willow & Franklin
*Simon Omer, 4030 Filbert
Smith, Drum & Co. (Textile Machinery), Allegheny av & 5th
*†Smith & Furbush Machine Co. (Textile Machy.), Hancock & Somerset
*†§**SOUTHWARK FOUNDRY & MACHINE** (Hydraulic Machinery, Power Tools & Special Machinery), 1128 S 4th
*†Specialty Engineering Co. (Elevating & Conveying Appliances), Trenton & Allegheny, Cornwall
*Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings), *Standard Machine Co. (Inc.) (Textile Machinery), 330 N 12th
*Standard Meter Co. (Gas Meters, etc.), 3117 N 17th
*†§Standard Steel Works Co. (Steel Castings, etc.), Morris bldg
*Standring Sam'l, Hope & Somerset
Stiffel & Freeman Co. (Safes, etc.), 723 Chestnut
*Stokes F. J. Machine Co. (Pharmaceutical Machy., etc.), 17th c Cambria
*†Stokes & Parrish Elevator Co. (Elevators), 16th & Sansom
*†Stokes & Smith Co. (Paper Box Machinery), Summerdale Sta.
*Stortz John & Son (Tools, Dies, Punches, etc.), 210 Vine
*Stow Flexible Shaft Co., 26th & Callowhill
*†Straub A. W. Co. (Grinding Machy., etc.), 3741 Filbert
*Sulzer & Co. (Gas Fixtures, etc.), 252 N 11th
*Sutterley G. T. & Co. (Silverplated Ware & Brass Goods), 1720 N 2nd
*Sweigard Jos. L. & Co. (Pneumatic & Pump Machy.), Lincoln bldg
*Tabor Mfg. Co. (Fdry. Molding Machines, etc.), 18th & Hamilton
*Tacony Steel Co., Franklin Bank bldg, Dept. H
†Temple Malleable Iron & Steel Co. Malleable Iron & Steel Castings), Harrison bldg. Works: Temple, Pa.
*Thompson Bros., H, Milnor
*†Thompson J. & Co. (Iron Fdrs. & Machinists, Valves, Fire Hydrants & Castings, etc.), Van Horn & Sophia
*Tilghman Brooksbank Sand Blast Co. (Sand Blast Machinery, etc.), 1126 S 11th
*Troemner Henry (Scales, etc.), 911 Arch
*Turner Machine Co. (Sprue Cutting Machines. etc.), 3632 N Lawrence
Twitchell & Co., 223 Vine
*Underwood H. B. Corp. (Cylinder Boring Bars, etc.), 1025 Hamilton
*Union Machine Works & Iron Foundry (Grey Iron Castings), 1821 So Water
*United States Metallic Packing Co. (Metallic Packing, etc), 221 N 12th
§United States Smelting Works (Smelters, etc.), 1615 Spring Garden
Vogt Bros. & Squier Co., 1 S Market
*Walker Electric Co. (Electric Switches, etc.), 2337 Callowhill
*Walker Thos., Jr., 4617 Tacony, Fkd
*Walters Geo. C., 1316 Ellsworth
*Walton P. M. (Machinist & Millwright), 1019 Gtn av
†Ward Joseph T. (Iron Railings, etc.), 5809 Baynton
*Watts & Stern (Electrical Machinists) 1303 Buttonwood
*Webster Warren & Co., H, Stephen Girard bldg
*Wenzell S. S. Machine Co. (Bottle Working Machy., etc.), 50 & Parkside av
*†Wharton Wm., Jr. & Co. (Steel & Grey Iron Castings, also Operates a Machine Shop), Widener bldg
*†Wheeler C. H. Mfg. Co. (Steam Pumps, etc.), Lehigh & N 18th
§White & Bros. (Brass Founders & Smelters), 1505 E Montgomery
*Whitecar Joseph Iron Works, 402 S Water
*Wicaco Screw & Mach. Wks., 4801H Stenton av
†Wilfong Millard F. Iron Works Co., 52d & Gray's av
*Williams Wm. D. Jasper & Willard
*Wirt & Knox Mfg. Co. (Hose Reels, etc.), 23rd & York
*§Wonderly Abner H. (Builders' & Upholsterers' Hdw., etc.), 621 Commerce
*†Wood R. D. & Co. (Cast Iron Pipe, Hydraulic & Gas Works Machy., etc.), 400 Chestnut
*Wootten & Peckworth (Machinist), 1122 Hamilton
†Wright Mfg. Co., 133H Master
*Yockel Chas. & Sons (Machinists, Moulds, etc.), 1220 N. Lawrence
†§*Yocom James & Son, 145 N 2nd
PHILLIPSBURG—*†§Gill Mfg. Co.
PHOENIXVILLE—*Heinle Safety Boiler Co. (See St. Louis, Mo.)
†Madco Foundry & Machinery Co. (Iron)
*†§Phoenix Iron Co. (See Ph'la., Pa.)
PILLOW—*†Snyder Thos. L. (Iron Fdry. & Machinists)
PITTSBURGH—†*Acme Brass Fdry. Co., 4042 Liberty av
*§Adams Bros. Mfg. Co. (Gas Burners, etc.), Fayette & Chartiers
Ajax Mfg. Co., 848 Jackson
†Allegheny Foundry Co., Boquet & Grant
*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use), Oliver bldg. Works: Brackenridge, Pa.
Aluminum Co. of America, Oliver bldg
*†§ American Bridge Co., Frick bldg
*†American Chain Co.
*†American Fdry. & Const. Co. (Valves, Castings, etc.), 2d av & Longworth
*†§American Locomotive Co., Beaver & Stanton
*American Steel Foundries (Steel Castings) Park Bldg.
*†American Steel & Wire Co., Frick bldg *See adv index at end of book*
*†Anderson-Darragh Co. (Ltd.) (Steam Heaters, etc.), 3206 Penn av
*Axthelm Mfg. Co., 242 3d av
*§Bailey-Farrell Mfg. Co. (Brass Fdrs. & Plumbers' Supplies), 3d av & Ross
*Baltimore Car & Foundry Co., Continental bldg
§Bell Bros., 27th & A. V. R. R.
*†Bollinger-Andrews Construction Co. Empire bldg Structural Shops, Verona, Pa.
†Bronzbraswyt Metals Co., 4901 Butler
*Buechele Iron & Tool Works Co. (Tools, etc.), 4127 Liberty av
*§Cadman A. W. Mfg. Co. (Valves, Cocks & Iron & Brass Castings), 2816 Smallman
*†§Carnegie Steel Co., Carnegie bldg
*Carron A. M. Machine Co. (Small Electric Air Pumps, etc.), Penn & Barbeau
*§Chaplin Fulton Mfg. Co., 34 Penn av
*†Cyclops Foundry Co. (Iron Castings, Pipe Balls, etc.), Union Bank Bldg.
Damascus Bronze Co. ("Damascus" Bronze Castings, Bearings, etc.), North Side.
*Danver R. H. (Machinist), 845 Pennsylvania av, North Side
*†Dilworth, Porter & Co. (Ltd.) (Chilled Mill Castings, etc), 4th & Bingham
*Doerflinger Artificial Limb Co., 3001 East
*Duff Mfg. Co. (Lifting Jacks, All Kinds), Preble av *See adv index at end of book*
*†Duquesne Steel Foundry Co. (Steel Castings & Machine Shop for Own Use), Arrott Bldg. Works: Corapolis, Pa., North Side
†Early W. J. & Sons (Ltd.) (Grey Iron Castings), 812 Sarah
*†Elliott B. K. Co. (Mine Fans), 126 6th
*†Enterprise Foundry Co., Ltd. (Castings, etc.), Nixon & Manhattan North Side
*†§Epping-Carpenter Pump Co. (Pumping Machinery & Condenser), ft. 43d
*Equitable Meter Co. (Gas Meters & Appliances), 424 1st av
*†**FAWCUS MACHINE CO.** (Gears of All Kinds, Rolling Mill & Special Machinery, etc.), 2818-2828 Smallman. *See adv index at end of book*
*†Fischer Foundry Co. (Rolling Mill Machy. & Castings), 1616 Roland
*†§Fort Pitt Bridge Works, House bldg
†Fort Pitt Malleable Iron Co., Thompson & Crawford
*Fort Pitt Spring & Mfg. Co.
Franklin Park Foundry Co. (Malleable Iron Founders), Herrs Island
*†Garrison A. Foundry Co. (Rolling Mill Machy. & Castings etc.), 901 Bingham
*Gazzam H. P. Machine Co. (Special Machinery), 32d & Penn av
*GEM MFG. CO. (Flexible Shafts, Boiler Tube Cleaners, Drills, etc.), Goebel, nr Fulton, N. S. *See adv index at end of book*
*Gillespie Mfg. Co., 810 Brocket
*†Goodman Engine & Machine Co. (Engines & Machy.) S 15th & Muriel
*Gracey R. & Sons Co., 115 1st av
†Hall Steam Pump Co., 213 Galveston,
*Heppenstall Forge & Knife Co. (Shear Knives, etc), 47th & Hatfield
*Heyl & Patterson, 51 Water
*Hunter Saw & Machine Co. (Saw Sharpening Machines, etc.), 57th & Butler
*International Couplers Co., 239 4th av
*Iron City Tool Works (Ltd.) (Machine Tools), 3201 Smallman
*†§Johnetta Fdry & Machine Co., 1st Natl Bk bldg
*†Kelly Nicholas & Son (Founders), 1704 Wharton
*†§Kelly & Jones Co. (Iron & Brass Fdrs., Steam Specialties, Valves, etc), 135 Water
*§Keystone Bronze Co. (Rolling Mill Castings & Specialties, etc.) 39th & A. V. R. R.
†Lathwood Foundry Co., 30th & Wayne
*§Lawrenceville Bronze Co. (Copper & Bronze Castings for R. R., Mills, etc), Bessemer bldg
*†Lewis Foundry & Mach. Co. Works: Groveton, Pa.
*McClintic-Marshall Co. (Steel Structures, etc), Oliver bldg
†McCormick J. S. & Co., 25th & A. V. R. R.
*§McKenna Brass & Mfg. Co., Inc. (Brass Fdrs. & Finishers), 1st av & Ross
*McKinney Mfg Co. (Hinges, Butts, Hdw., etc.), Liverpool & Metropolitan Punches & Shears)
*McSherry Mfg. Co. (Power Presses, Punches and Shears
*†§Mackintosh-Hemphill Co. (Rolling Mill Machinery, Engines, Iron, Steel & Brass Castings, etc.), 12th & Etna *See adv index at end of book*
*Marine Mfg. & Supply Co., 35 Water
*Marshall Bros. (Elevators, etc.), 2015 S 21st
*†Marshall Foundry Co. (Iron Fdrs., Rolling Mill & Builders' Castings, Ingot Molds, etc.), 28th & R. R.
§Matthews James H. & Co. (Stencils, etc.), 3942 Forbes
*†§**MESTA MACHINE CO.** (Rolling Mill Machy. & castings), Box 1124. Works West Homestead, Pa. *See adv index at end of book*
*Milholland J. & J. B. Co., 714 5th av
Miller Owen Elec. Co., Dept. H, Lexington av & Thomas blvd
*†Munroe R. & Sons Mfg. Corp. (Boiler Castings & Boiler Mfrs.), 23d & Smallman
*†National Car Wheel Co. (Car Wheels & Iron Castings), Keystone bldg
*†National Gear Wheel Foundry, South & Walker
*†§National Tube Co., Frick bldg
*†National Valve & Mfg. Co. (Valves & Fittings, etc.), 31st & Liberty
*New Castle Steel & Iron Co. Works: New Castle, Pa.
†New Process Copper Castings Co., 5223H Butler
§Newlands Bros., 28 & A. V. R. R.
*NUTTALL R. D. CO. (Gears & Pinions of All Kinds, etc.), McCandless & Harrison av *See adv index at end of book*
§*Oberndorf Mfg. Co., 7509 Thomas blvd
*†§Oil Well Supply Co. (Oil & Gas Mill Supplies, Gas Engines, etc.), 215 Water.
*Peerless Heater Co. (Steam Heaters), 5602 Baun blvd
*†Penna Casting & Machine Co. (Car Wheels & Axles), 501 Preble
§Penna. R. R. Co. (Brass Foundry, etc), North Side
*Pfaller Frank (Jobbing), 6947 Susquehanna
*†Phillips Mine & Mill Supply Co. (Coke & Coal Equipments), 2227 Jane
*†Phillips & McLaren Co. (Heavy Castings & Rolling Mill Machy., etc.)
*†Pittsburgh Brass Mfg. Co. (Plumbers' Brass Specialties & Brass & Bronze Castnigs, etc.), Penn & 32nd
*Pittsburgh Coal Washer Co. (Coal Mining Machinery), Fulton bldg
*PITTSBURGH-DES MOINES STEEL CO. (Bridges, Towers & Structural Work), 804 Curry bldg *See adv index at end of book*
*Pittsburgh Electrical & Machine Works (Dynamos & Motors, etc.), Barker pl
*Pittsburgh Forge & Iron Co. (Machine Shop Connected with Works), Chamber of Commerce bldg
*†Pittsburgh Foundry & Machine Co., ft 36th

PENNSYLVANIA—Pittsburgh—continued
*Pittsburgh Instrument & Machine Co., 236 3rd av
*Pittsburgh Iron Works Co., 2170 Bedford av
*Pittsburgh Iron & Steel Foundry Co., H, Oliver bldg
*†§Pittsburgh Lamp, Brass & Glass Co. 130 7th
*†Pittsburgh Piping & Equipment Co. (Brass & Bronze Fdrs. & High Pressure Pipe, Pipe Fittings, etc.), 35th & Charlotte
*Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty
*Pittsburgh Spring & Steel Co., Farmers Bank bldg
*Pittsburgh Saw & Mfg. Co., 32nd & Smallman
*†Pittsburgh Steel Foundry Co. (Steel Castings & Car Wheel Centers, etc.), 1115H Empire bldg, Works Glassport, Pa.
*†§Pittsburgh Valve, Foundry & Construction Co. (High Pressure Valves & Fittings, Iron & Brass Castings, etc), 26th & A. V. R. R.
*†§Pittsburgh Valve & Fittings Co.
*§Pittsburgh Water Heater Co., Jenkins bldg
*†Pressed Steel Car Co. (Steel Cars), 307 5th av
*†Rees Jas. & Sons Co. (Steamboat Bldrs.), 18 4th
*†Reliance Steel Casting Co. (Iron & Steel Castings, etc.), 28th & Smallman
*Renton Wm. (Cylinder Re-Boring, etc.), 101 Water
Rieseck Iron Wks. (Bldrs' Iron Work, etc.), 1201 Metropolitan
*†Rosedale Foundry & Machine Co. (Rolling Mill & Tube Mill Machinery & Castings, etc), Columbus & Preble
*Russell J. C. Shovel Co. (Small Machine Shop for the Company's Own Use), 336 4th av
*Russel Machine Co., 28th & A. V. R. R.
*†Seaman-Sleeth Co. (Sand & Chilled Rolls), 41 & Willow
*†Simonds Mfg. Co. (Gears, Pinions & Electric Railway Specialties, etc.), Liberty av & 25th
*Sommerfeld Machine & Mfg. Co. (Gears & Glass House Machinery), 216 2nd av
*Spang, Chalfant & Co. (Works Contains Two Machine Shops), Union Bank bldg. Works: Etna, Pa.
†Springfield Foundry Co. (Iron Fdrs.), 3215 Smallman
*Standard Metal Bed Refinishing Co., Foreland & James, N. S.
*†§Standard Sanitary Mfg. Co. (Sanitary Enameled Iron Goods, etc.), Bessemer bldg.
*†Standard The, Scale & Supply Co. (Scales, etc.), 1631 Liberty av. Works: Beaver Falls, Pa.
See adv index at end of book
*†Standard Steel Car Co. (Steel Cars, etc.), A V R R. Works: Butler, Pa.
*†Steel Car Forge Co. (Steel Cars, etc.) Works: Ellwood City, Frick bldg, Pa.
*†Sterritt-Thomas Foundry Co. (Fdrs. & Machinists, Rolling Mill & Mach'y Castings, etc.), 32nd & Smallman
*Stoner, Thaw & Co. (Ltd.) (Filters, etc.), 1200 West Carson
*†Stove & Range Co. of Pittsburgh (Stoves, Furnaces, etc.), Preble av nr. Superior bridge
†Stroh Steel Hardening Process Co. 1st National Bank bldg
*Swain & Angel Co. (Steam Engines), 3105 Smallman
*Tate, Jones & Co. (Machinists & Fuel Gas Burners, Gas Engines, etc.), Empire bldg
Tracy, Bertrand C. (Repair Parts for Coal Cutting Machines), 901 Pennsylvania av
*Tranter Mfg. Co., 105 Water
†Union Steel Casting Co. (Steel Castings & Annealing Boxes)
Union Switch & Signal Co., Swissvale
*†United Engineering & Foundry Co. (Rolling Mill Machinery), Farmers Bk. bldg
*†United States Cast Iron Pipe & Foundry Co., Oliver bldg. (See New York)
*†United States Sanitary Mfg. Co. (Plumbers' Cast Iron Enameled Ware), Arott bldg
§Vanadium Metals Co. (Brass, Bronze & Aluminum Castings), Vanadium bldg
*Vierling Machine Co., Phipps Power bldg
§Wayne Brass Fdry. Co., 4635 Butler
*†WESTINGHOUSE AIR BRAKE CO. (Air Brakes, etc). Works: Wilmerding, Pa.
*Williams Gauge Co. (Gauges, Pumps, Governors, etc.), 543 4th av
*†§Wilson-Snyder Mfg. Co. (Steam Pumps & Air Compressors), 2 Ross
*Wolverine Supply & Mfg. Co. (Dies, Special Machinery, etc.), Page & Fontella
*Wormser Glass Co, 2d & Sylvan aves
PITTSTON—*Delahunty Dyeing Machine Co. (Dyeing Machines, etc.)
†§Exeter Machine Works (Elevating & Conveying Machinery, Grey Iron & Brass Castings, etc.)
*Huntley J. G. (Mine Drills, etc.)
†Pittston Stove Co. (Stoves)
*Telescope Mine Machine Co. (Mine Drills, etc.)
*†§Vulcan Iron Works
PLYMOUTH—*Bittenbender Geo. H. & Son (Mine Drills)
*†Howell's Mining Drill Co. (Coal & Rock Drills)
*Moss George A. (Mining Drills, etc.)
*Reese Sephaniah (Machy. & Tool Works)
POMEROY—*Phillips M. T.
PORT ALLEGANY—*Benson Fred S.
PORT CARBON—†§*Coxe Traveling Grate Co.
§De Witt E. W. & Son
PORTLAND—†Pearson Leroy
POTTSTOWN—*†§Bramcote Fdry. & Machinery Co.
*Chadwick Engineering Works (Auto Bldrs. & Auto & Marine Motors)
*†Colebrookdale Iron Co. (Meat Choppers, Sad-Irons & Castings, etc.)
*Ellis Keystone Agrl. Works (Threshers, etc.)
*†Flagg Stanley G. & Co. (See Phila.)
*Heiges Tobis B.
*†Industrial Foundry & Machine Co.
*†Keystone Foundry Co. (Grey Iron Castings)
*Large Wm. H.
*§Light Mfg. & Fdry. Co. (Castings, etc.)
*McClintic-Marshall Construction Co. (Steel Structures, etc.)
†Marsh-Brownback Stove Co. (Heaters, Furnaces, Stoves, etc.)
†§*Pottstown Mach. Co.
Printz & Sevison (Stoves)
*Shoemaker Lewis F. & Co. (Steel Structural Work)
*†Wilbraham-Green Blower Co. (Rotary Blowers, Iron Founders, etc)
POTTSVILLE—*Eastern Steel Co.
*†Phila. & Reading Coal & Iron Co.
†Pottsville Foundry & Stove Co. (Stoves, etc.)
*§Zweibel Edward
PUNXSUTAWNEY—*Allison Wm.
†Mahoning Fdry. & Mach. Co.
*†§Porter G. W. & Son
*†§Punxsutawney Fdry. & Machine Co. (Brass & Iron Castings & General Machine Work)
QUAKERTOWN—*Nadig L. F.
Quakertown Stove Wks. (Stoves,
RADNOR—*Righter Geo. W. (Mechl. Eng.)
RANKIN—*§Acheson Mfg. Co. (Brass Fittings, Valves, etc.)
See adv index at end of book
*McClintic-Marshall Construction Co (Steel Structures, etc.)
READING—*AMERICAN DIE & TOOL CO. (Punches, Dies)
Biehl Iron Works, Inc.
*Carpenter Steel Co. (Machine Shop Attached to Works)
*†§Chantrell Hardware & Tool Co (Builders Hardware)
*§Crescent Brass Mfg. Co.
*§Dick Bros. (Plumbers' Brass Goods)
Dundore Mfg. Co. (Gears), 246 Orange
*§Excelsior Brass Works (Brass Castings & Brass Specialties, etc.)
*Frances L. M.
§Franklin Brass Foundry Co.
*†§Gray Iron Foundry Co. (Grey Iron Castings, Hardware Specialties, etc.)
*Greth Machine Works (Inc.), (Machinists)
*Haag A. W. & Co.
*§Howard Metal Co. (Brass & Bronze Castings)
*Keiser Mfg. Co. (Sheep Shears, etc.)
§Kline & Co.
*†Mohn W. D. & Co.
†Mt. Penn Stove Works (Stoves, etc.)
†Penn Foundry & Mfg. Co.
*†§Penn Hardware Co. (Builders' Hardware)
*Prizer-Painter Stove Co. (Stoves & Ranges)
§*Progressive Copper & Brass Wks.
*Reading Brass Works (Castings)
†Reading Casting Co
*†Reading Car Wheel Co. (Car Wheels). (See Buffalo, N. Y.)
*Reading Chain & Block Corp. (Hoists, etc.)
See adv index at end of book
*Reading Cycle Mfg. Co. (Bicycle Mfrs.)
*Reading Engineering Works (General Power Plant Repairing Only)
†Reading Foundry & Supply Co. (Soil Pipe and Fittings)
*§Reading Hardware Co. (Builders' Hardware & Specialties)
*†Reading Iron Co. (Rolling Mills. Iron Fdrs. & Machinists, Rolling Mill Engines & Sugar Machy, etc.)
*†Reading Scale & Machine Co.
*Reading Standard Co.
Reading Steel Casting Co.
*†Reading Stove Works (Stoves, Ranges & Heaters, etc.)
Roeper Crane & Hoist Works (Cranes, Hoists, etc.)
*SPEIDEL JOHN G. (Hand Hoists & Cranes.)
See adv index at end of book
*†Textile Machine Works (Textile Machy. & Grey Iron Castings)
*Zacharias Edwin H. (Steel Containers, Clothes Pressing Machinery)
REBUCK—†Fisher W. H.
RENFREW—*Price Bros.
REYNOLDSVILLE—Herpel Bros.
RHEEMS—*Grove Isaac
RICES LANDING—*Young W. A. & Sons
RICHFIELD—†Shawder W. B.
RIDGWAY—*†§Elk Tanning Co.
*†§Ridgway Dynamo & Engine Co. (Dynamos, Engines, etc.)
*†Ridgway Machine Co.
*†§Ridgway Mfg. Co. (Iron & Brass Fdrs., Dry Kilns, Steam Engines, etc.)
RIXFORD—*Lilly Arthur L.
ROARING SPRING—*†Brown John I.
ROCHESTER — †Olive Stove Works (Stoves, Ranges & Castings)
*†Rochester Mould & Machine Co. (Glass House Machy. & Molds)
ROYERSFORD — †Buckwalter Stove Co. (Stoves & Furnaces)
†Floyd-Wells Co. (Stoves, Furnaces, etc.)
†Grander Stove Co. (Stoves, etc.)
*Keystone Structural Co. (Steel Structural Work)
*†Royersford Foundry & Machine Co. (Punching & Shearing Machy)
SAINT CLAIR—*§Quirin John & Bro.
SAINT MARYS—*†§Elk Engineering Wks.
*†§Kaul J. & A.
SALFORDVILLE—*Weldner Jacob K.
SALONA—†Esenwine Geo. W.
SAYRE—*†Cayuta Mfg. Co. (Fire Hydrants, Valves, Engraving Machines, etc.)
*Eaton & Glover Co. (Engraving Machines)
*Milled Screw & Machine Co.
*†§National Car Wheel Co. (See Pittsburgh, Pa.)
*§Sayre Stamping Co. (Railroad & Automobile Specialties & Castings, etc.)
SCOTTDALE — *†§Crescent Mfg. Co. (Plumbers' Supplies)
*†United States Cast Iron Pipe & Foundry Co. (See New York City)
SCRANTON—*†§American Safety Lamp & Mine Supply Co. (Brass & Gray Iron Castings, Mine Lamps)
*Anthracite Welding & Machine Co.
*†§Barker Samuel G. & Son (Track Scales, Machinery & Builders' Castings, etc.)
*§Everhart Brass Works (Brass Goods & Brass Castings)
*†§Finch Mfg. Co. (Iron Fdrs. & Steam Engines, etc.)
†Graff Furnace Co.
§Hughes Bros. (Lamps & Brass & Comp. Castings)
*†§McClave-Brooks Co. (Mechanical Stokers, Grate Bars, Iron & Brass Castings, etc.), Poplar
*§O'Malley Mfg. Co. (Brass Goods)
*Pearce Chas. W.
†Pinnell J. W. (Grey Iron Fdrs.)
*†Railway Steel Spring Co. (See New York City)
*Scranton Bolt & Nut Co. (Machine Shop Connected with Works)
*Scranton Electric Construction Co. (Electric Drills, etc.)
*†§Scranton Pump Co. (Iron & Brass Fdrs. & Pumps)
*Scranton Silk Machine Co. (Textile Machy.)
†Scranton Stove Works (Stoves)
*†Spencer Heater Co. (Furnaces, Heaters)
†*§Sullivan John N.
*†§Touhill Iron Works
SELLERSVILLE—*U. S. Gauge Co. (Vacuum Gauges)
SHAMOKIN—*†Mullen John & Son (Iron Fdrs. & Engines, Pumps, Mining Machy., etc.)
SHARON—*†American Steel Foundries
*§Bidwell Foundry & Machine Co.
*†National Malleable Castings Co. (See Cleveland, O.)
†Sharon Foundry Co.
*Sharon Machine Co.
*Sharon Steel Hoop Co. (Machine Shop for Use of the Company)
*†Shenango Machine Co. (Iron Fdrs. & Machinists)
SHARPSBURG—*†Moorhead Bros. & Co. (Inc.) (Iron Pipes, etc.)
†Sharpsburg Foundry Co.
SHARPSVILLE—†Valley Mould & Iron Corp.
SHILLINGTON—*Miller Wm. W.
SHIPPENSBURG—*†Domestic Engine & Pump Co. (Gasoline Engines, Pumps, etc.)
SINKING SPRING — †Manufacturers Foundry Co.
SLATINGTON — *†Slatington Foundry, Machine & Boiler Works (Ltd.) (Grey Iron Castings, Mine & Quarry Repairs, etc.)
SOMERSET—*†§Highland Fdry. & Machine Co.
SOUTH BETHLEHEM — *†§Bethlehem Fdry. & Machine Co. (Chemical Machy. & Iron & Semi-Steel & Brass Castings)
*†§Bethlehem Steel Co. (Rolling Mill, Special Machy. & Castings, etc.)
SOUTH FORK—*Oaks A. J.
†§*South Fork Fdry. & Machine Wks.

SPRING CITY—*†Keystone Stove Foundry (Stoves, etc.)
*Penna. Shafting Co. (Polished Steel Shafting)
STEELTON—†Penna Stone & Range Co.
STOWE—*†§Flagg Stanley G. & Co. (See Phila., Pa.)
STROUDSBURG—*†§Marsh E. B. Bro. & Co.
*†Stroudsburg Engine Works (Hoisting Machy., etc.)
*Tanite Co. (Emery Wheels, etc.)
SUNBURY—*†§Keystone Machine Works
SWALES—†Beers J. L. & Sons
†Jamison I. M.
SWISSVALE — *†§UNION SWITCH & SIGNAL CO. THE. (Railroad Specialties)
TAMAQUA—*†§Tamaqua Mfg. Co. (Iron Fdrs. & Ore Washing & Coal Mining Machy.)
TARENTUM—§Shoop Bronze Co.
See adv index at end of book
†Stevener Chas. W.
TATAMY—*†§Messinger Mfg. Co., (Agri. Implements, Threshers, Planters, Grain Cleaning Machinery)
TEMPLE—†Temple Malleable Iron & Steel Co. (See Phila., Pa.)
TIDIOUTE—*Grettenberger Sons
TITUSVILLE—†American Radiator Co. (See Chicago, Ill.)
*†Titusville Forge Co. (Iron Fdrs., Machinists & Forgings)
*†§Titusville Iron Co. (Steam Engines, etc.)
Young E. R. & Sons
TOPTON—*†Topton Foundry Co.
TOWANDA—*†§Humphrey Mfg. Co. (Iron Fdrs. & Machinists)
TROY—*†Troy Engine & Machine Co. (Jno. A. Parsons, Prop.) (Engines, etc.)
TUNKHANNOCK—*†§Avery's F. P. Sons
TYRONE—*†§Burley Heater Co. (Grey Iron Castings, Heaters, etc.)
*†§Stine J. C. Co. (Haulage Engines, Mine Fans, Incline Drums, etc.)
UNION CITY—*†Industrial Iron Works
UNION FURNACE—*†Union Furnace Mfg. Co. (Hot Air Registers, Shovels, Rakes, Hoes, etc.)
UNIONTOWN—Am. Brake Shoe & Fdry. Co.
§*Dudley Elec. & Mach. Co.
*Evans Mould & Foundry Co.
†Miller Foundry Co.
*†Richmond Radiator Co. (Hot Air Furnaces, Radiators & Heating Apparatus, etc). Main Office: New York
†§Union Foundry (Andrew D. Jaquett, Prop.)
VANDERGRIFT—*†§United Engineering & Foundry Co. (See Pittsburgh, Pa.)
WARREN—Allegheny Steel Tank Car Co.
*†§Barnhart-Davis Co.
*§Bashlin Co. (Brass Fdrs. & Valves, etc.)
*†§Fairchild & Betts
*G. G. G. Metal Stamping Co.
*†§Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Brass & Iron Fdrs.)
*Jamieson M W & Co. (Steam Pumps, etc.)
*Penna. Furnace & Stove Co. (Hot Air Furnaces, etc.)
*†Struthers-Wells Co. (Gas Engines, Boilers, etc.)
*Warren Axe & Tool Co. (Edge Tools etc.)
Warren Machine Products Co. (Air Compressors, Power Transmitting Machinery, etc)
*Wilburine Oil Works (Ltd.) (Machine Shop for Their Own Use)
WASHINGTON—*Natonal Wrought Iron Annealing Box Co.
*†§Northrup B. D.
*†Tyler Tube & Pipe Co.
*†§Zahniser Bros. & Sten (Oil & Gas Well Tools). Works: Waynesburg, Pa.
WATSONTOWN—†§Jones J. W.
WAYNE—Wayne Iron Works (See Phila., Pa.)
WAYNESBORO—*†§Emerson - Brantingham Co. (See Rockford, Ill.)
*†Emmert Mfg. Co. (Vises, etc.)
*†§Frick Co. (Steam & Traction Engines, Ice Machinery & Agl. Implts, etc.)
*†Landis Machine Co. (Bolt Cutters, Pipe Machines, etc.)
*†Landis Tool Co. (Tool Grinders, etc.)
*Victor Tool Co. (Machine Tools, etc.)
Waynesboro Fdry. & Mach. Co.
WAYNESBURG—*Zahniser Bros. & Sten (See Washington, Pa.)
WEATHERLY—*†§Weatherly Foundry & Machine Co. (Grey Iron Castings, Railroad, etc.)
WELLSBORO—Edward Furnace Co.
WEST CHESTER—*Davis Louis N. (Valves, etc.)
*Mayer & Eachus
*Sharples Milker Co., Dept. H
*†Sharples Separator Co. (Dairy Machinery & Supplies, etc.)
*West Chester Engine Co. (Gasoline Engines)
WESTFIELD—*†Phillips Jacobs
WEST NEWTON—*†Fisher Mine Equipment Co.
*†§Moore & Butts
*Neff H. S.
*†United States Radiator Corp. (See Detroit, Mich.)
WEST SALISBURY—*†§Knecht M & Sons
WHEATLAND—*†Sharon Foundry Co. (Rolling Mill Castings, Ingot Molds, etc.)
WHITE HAVEN—†§*Wilmot Engineering Co.
WILKES-BARRE—*Adder Machine Co. (Adding Machines)
†Eagle Iron Works
Gates Foundry Co.
*Kern Wm. S. (Canners' Machy.)
*Le Grand Mine Drill Works (Steam Mine Drills)
†McDade Chas. A. & Co.
*Nicholson W. H. & Co. (Expanding Mandrels, Compression Couplings, etc)
*†§Royer & Zweibel (Brass Fdrs., etc.)
*†§Sheldon Axle & Spring Co. (Carriage Axles, etc.)
§*Shelley Geo. & Sons
*†§Vulcan Iron Works (Iron Fdrs., Engines, Mining Machinery, etc.)
*†Wilkes-Barre Iron Mfg. Co.
WILKINSBURG—§*Mack Fdry. & Macn. Co.
WILLIAMSPORT—*†American Woodworking Machinery Co. (See Rochester, N. Y.)
*†§Darling Valve & Mfg. Co. (Ltd.) (Machinists & Iron & Brass Fdrs., etc.)
*Early Gas Engine Co.
*Foucart Jno. E. (Saws, Machines. Knives, etc.)
§*General Fdry. Co.
*†Hermance Machine Co. (Woodworking Machinery)
§Lycoming Motor Corp. (Gasoline Engines), Dept. H
*Moltz Jacob J (Woodworking Machinery)
*†National Foundry Mfg. & Supply Co. (Power Transmitting Machinery & Grey Iron Castings)
*†§Rothfuss Howard Iron Works (Engines & Saw Mill Machinery)
†Rundio Nelson L (Grey Iron Castings)
*†Shepherd Engineering Co.
*Stutzman Frank
*†United States Machine Co. (Woodworking Machinery & Iron & Brass Castings)
*†§Valley Iron Works
*Villinger Mfg. Co. (Dies, etc.)
*†Williamsport Radiator Co. (Radiators, etc.)
WILMERDING — *†§Westinghouse Air Brake Co.
*†Westinghouse Traction Brake Co. (Electric Car Brakes, etc.)
WINDOM—*Kauffman Harry M.
WRIGHTSVILLE—†*Dissinger Farm Co.
†Riverside Foundry Co.
*†Susquehanna Casting Co. (Light Castings & Hardware Specialties)
*†Wrightsville Hardware Co. (Builders' & Hardware, etc.)
WYNDMOOR—*†§Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Fdrs., etc.)
WYOMING—*Eagan Jas. A. (Mine Drills, etc.)
YARDLEY—†§*Klauder-Weldon Dyeing Mach. Co.
YORK—*Burrows Mfg. Co. (Valves, Regulators, etc.)
§Cochrane Brass Fdry.
*†§Eyster, Weiser & Co. (Water Wheels Powder Mill Machinery & Car Castings)
*†§Farquhar A. B. Co. (Ltd.) (Agrl. Impls., Traction & Steam Engines, etc.)
*General Machine Works (Knitting Machinery, etc.)
*Henry, Millard & Henry Co. (Gas & Gasoline Engines, etc.)
†Levering Bros.
*Motter's Geo. F. Sons (Steam Engines)
*Ottemiller Wm. H. Co.
*Root B. M. Co. (Woodworking Machinery)
*†§Smith S. Morgan Co. (Turbines, etc.) *See adv index at end of book*
*†Smyser Royer Co. (Grey Iron & Builders' Castings, etc.)
*†Steacy-Schmidt Mfg. Co. (Kilns & Grey Iron Castings)
*Wiest Machine Co.
*York Electric & Machine Co. (Incandescent Lamp Making & Special Machinery)
*†§York Foundry & Machine Co.
*†§York Mfg. Co. (Ice & Refrigerating Machinery), 26 N Clinton
*York Safe & Lock Co.
*York Saw Works
*York Wagon Gear Co. (Ltd.) (Wagon Gears)
YOUNGWOOD—§*Robertshaw Mfg. Co.
ZELIENOPLE—*†Herman Pneumatic Machine Co. (Foundry Molding Machines, etc.)
*†Iron City Sanitary Mfg. Co. (See Pittsburgh, Pa.)

RHODE ISLAND.

AUBURN — †§*General Fire Extinguisher Co.
†Hope Foundry Co. (Iron Castings)
BRISTOL—*†§Herreshoff Mfg. Co. (Yacht Bldrs.)
CENTRAL FALLS—*Hemphill Mfg. Co. (Knitting Machinery)
*Newell Fred. E. (Brass Fdry.)
EAST GREENWICH—*Boston Wire Stitcher Co. (Wire Stitching Machines)
*Nock F. S. (Engine & Power Boat Builder)
EAST PROVIDENCE—*Abrasive Machine Tool Co. (Surface Grinders)
†City Fdry. Co.
HILLS GROVE—†Rhode Island Malleable Iron Works (Malleable Iron Castings)
NEWPORT—*Burnham Gilbert H. (Machinist)
*Owen T. G. (Machinist)
PAWTUCKET—*Blackstone Machine Co.
*Collins Bros. (Machinists)
*Dawson Albert (Tipping Machines)
*Easton & Burnham Machine Co. (Textile Machinery, Spindles & Machinists), Pine
*†Fales & Jenks Machine Co. (Machine Tools, etc.)
*†§H. & B. American Machine Co. (Cotton Machinery)
*Haskell Wm. H. Mfg. Co. (Malleable Bolts Nuts etc.)
*Hemphill Mfg. Co. (See Central Falls)
*†Jenckes Knitting Machine Co. (Knitting Machinery, etc.)
§Jenkinson Brass Foundry Co.
*Luther C. A. & Co. (Textile Machy.)
*Moncrief Machine Co. (Jobbing)
*New England Machine & Electric Co.
*Pawtucket Mfg. Co. (Mach., Bolts, Nuts, etc.)
*Payne Geo. W. & Co. (Tetxile Machy.)
*†Potter & Johnston Machine Co. (Machine Tools, etc.)
*Roberts Roy L.
*Slocum, Wm. H. Co. (Machy., Forgings etc.)
*Standard Engineering Works (Milling Machines)
*Tenney A. E. Mfg. Co. (Machinists)
*†White J. S. Co. (Iron Fdrs. & Machinists)
PROVIDENCE—*Adams Bros., 224 Eddy
*§Allen Fire Dept. Supply Co., 159 Aborn
*Allen Wrench and Tool Co., 189 Public
*American Ball Co. (Balls, etc.), 115 Clifford
*†American Locomotive Co. (Locomotives), Kinsley av. (See New York)
*†American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.), Charles
*Angell Chas. E. (Machinist), 223 Aborn
†Atlas Machine Co. 7 Eddy
†Barstow Stove Co. (Stoves, etc.), 116 Point
*Beaman & Smith Co. (Machine Tools)
*Blaisdell S. S. Machine Co., 223 Aborn
*Bragg Jno. I. (Wool, Combs, etc.), 24 Atwood
*†Brown & Sharpe Mfg. Co. (Machine Tools, Machinists' Small Tools & Grey Iron Castings)
*†Builders Iron Foundry (Grinding Machinery & Heavy Iron Castings, also Small Castings in Large Lots), 9 Codding
†§City Foundry Co., 2585 Pawtucket av
†Colvin Fdry. Co. (Grey Iron Castings) (Textile Machinery), 185 Globe
§Congdon Z. T. Brass Fdry.
*†§Crompton & Knowles Loom Works (Textile Machinery), 241 Harris av
*Cruickshank Engine Co. (Stationary & Yacht Engines), 286 Dyer
†§*D. & W. Ruse Co.
*Dart E. M. Mfg. Co. ("Dart" Unions, Couplings, etc), 134 Thurbers
See adv index at end of book
*Diamond Machine Co. (Grinding Machinery)
*Excelsior Steam Engine & Machine Co., 32 Friendship
*Field Chas. H. (Engraving Machines), 113 Point
*†Franklin Machine Co. (Textile Machinery, Grey Iron Castings, etc.), 1 Park *See adv index at end of book*
§Freely W. J. Co., 169 S Angell
§Fuller Estate of Frederic
§Fuller Iron Works (Brass & Bronze Castings, etc.), 40 Tockwotton
*†Fuller Iron Works (Cast Iron Pipe & Machy. Castings), 40 Tockwotton
*†§General Fire Extinguisher Co. (Cast Iron Pipe & Fittings, Valves, Steam Goods, etc.)
*§Gorham Co. Arch'l Bronze (Brass & Bronze Fdrs.)
*Graham Mfg. Co. (Vises, Drill Speeders, etc.), 96 Point
*Heathcote Jno. & Son (Woollen Machinery), 212 Eddy
*Hughes Wm. Co., Bough
§Ideal-Die Casting Co. 756 Eddy
*Langelier Mfg. Co. (Special Machy.), Arlington
Lederer Bros. Co. (Screw Machine Products), 100 Stewart
*Mann Chas. A., 166 Doyle av

RHODE ISLAND—Providence—continued
*Mason Volney W. & Co. (Elevators & Machy.), 2 Lafayette
*Mechanical Accountant Co. (Adding Machines, etc.), 17 Warren
†Narragansett Fdry. Co.
Narragansett Machine Co.
*†New England Butt Co. (Braiding Machinery, etc.), 304 Pearl
†NICHOLSON FILE CO. (Files, Rasps, etc.), *See adv index at end of book*
*No-Dust Drying Machine Co. (Metal Drying Machines, Mechanical Dust Collectors, Polishing Machs., etc.)
*Parkinson Edw. Mfg. Co. (Machinist), 84 Sprague
*Pay Chas. & Co., 307 S Water
§Providence Art Metal Co., 137 Clifford
§Providence Brass & Aluminum Fdry. (Aluminum, Brass & Bronze Castings), 460 Eddy
*Providence Engineering Corp. (Corliss Engines & Contract Machy., etc.). 521 S Main
*Providence Mfg. & Tool Co. (Tools, etc.), 17 Warren
*Providence Steam Trap Co. (Steam Traps, etc.), 16 Diamond
†Providence Steel & Iron Co., Kinsley av
*Rhode Island Braiding Machine Co. (Textile Machinery), 228 Aborn
§Rhode Island Brass Foundry Co., 9 Charles
*Rhode Island Tool Co. (Tools, Nuts, etc.)
*Richards I. P. Co. (Punches, Dies, etc.), 23 Pemberton
*Rushton Carroll Co. (Textile Machy.), 10 Ethan
*Scott Henry L. & Co. (Machinists), 101 Blackstone
Screw Machine Products Corp. (Contract Mechanical & Electrical), 1012 Eddy
†*Slocomb J. T. Co. (Machinists' Tools), 35 Oxford
*Standard Machy. Co. (Presses, Drops, Rolling Mills, Draw Benches, Shears, etc.).
*†§Textile Finishing Machinery Co. (Textile Machinery), 171 Westminster
*Thurston Mfg. Co. (Machy & Tools), 140 Benedict
*Tower James H. Iron Works (Iron Work of all kinds), 50 Borden
*U. S. Bobbin & Shuttle Co. (Textile Machinery), 57 Eddy
*Universal Winding Co. (Winding Machines), Auburn
§White-Stillman Foundry Co. (Brass Fdrs.), 1 Bark
*Willeman Mfg. Co., Inc. (Special Machinery & Tools), 181 Eddy
*Winsor & Jerauld Mfg. Co. (Textile Machinery), 223 Harrison
RIVER POINT—†Brayton L. Foundry Co. (Grey Iron Castings)
VALLEY FALLS—*Hindley Mfg. Co. (Castings, Keys, etc.)
WARREN—†§Bosworth Walter S.
*Potter, Collamore & Co.
WESTERLY—*†§Cottrell C. B. & Sons Co. (Printing Presses, etc.)
*Wilcox, Donahue & Co. (Stone Tools, etc.)
WOONSOCKET—*American Wringer Co. (See New York City)
*§Charlette Bros.
*Knight Geo. C. (Machinist)
*Taft Pierce Mfg. Co. (Contr. for Special Machy. & Mechanical Devices of All Kinds)
*†§Woonsocket Machine & Press Co. (Textile Machy.)
*Woonsocket Napping Machinery Co. (Textile Machy.)

SOUTH CAROLINA.

ANDERSON—*†§Anderson Mach. & Fdry. Co. (Machinery & Castings)
CHARLESTON—*†Riley Jno. F. (Brass & Iron Castings, Forgings, Machines, etc.)
*†§Riverside Iron Works
†Virginia-Carolina Chemical Co. Fdy. Department)
CHESTER—*Chester Machine & Lbr. Co.
COLUMBIA—*†Gibbes Machinery Co. (Engines & Machinery Corp.)
*†§Tozer Engine Works (Gas Engines, etc.)
CONWAY—†Conway Iron Works
CORNWELL—*McKeown W. O. & Sons
DARLINGTON—†§*Darlington Iron Wks.
†Wilson & James
DILLON — *Dillon Plow Works (Plows, etc)
GAFFNEY—†§Randall L. Y. S. C.
GEORGETOWN—*†§Atlantic Coast Lumber Corp.
GREENVILLE — *American Machine & Mfg. Co. (Oil Mill Machy., etc.)
†§*Greenville Iron Wks.
Greenville Iron Works (Textile Castings)
*†§Mountain City Fdry. & Machine Works (Inc.)
MARION—†McDuffie Emerson
†§*Marion Iron Wks.
ORANGEBURG—*†Smoak J. W.
ROCK HILL—*†Jones E. G. Iron Works
†Syleecau Mfg. Co.
SALUDA—†Crout J. M.
SPARTANBURG—*Bomar B. F.
†§*E. Z. Force Pump Co.
*†§Standard Iron Works
SUMTER—*Pierson S. M.
*†§Sumter Machinery Co.
*§Sumter Telephone Co.
UNION—†Union Iron Foundry
WALTERBORO — *†§Cummings Iron Works & Supply Co.

SOUTH DAKOTA.

ABERDEEN—*†Hub City Iron Works
CANTON—*Bragstad Concrete Machinery Co., Inc.
*Ellingson E.
DEADWOOD—†§*Hogarth Jas.
DE SMET—*Elliott G. W. & Co. (Gasoline Tractors)
LEAD—*†§Homestake Mining Co.
MELLETTE—*Oberle G.
MITCHELL—†*Summers F. A.
REDFIELD—*†§Norbeck & Nicholson Co. (Iron Fdrs. & Machinists)
SIOUX FALLS—*†§Pankow Bros. (Fdrs. & Machinists)
WATERTOWN—†§*Bruns J. H. Fdry.
*Hanten Machine Co.
*Hess & Rau
WEBSTER—*Magnus Wm. J. (Machinist)
WOONSOCKET—†Janssen J. H.
YANKTON—*Fanslow Bros. (Machinists)

TENNESSEE.

BRISTOL—*†§Enterprise Foundry & Machine Works
CHATTANOOGA—*†§Acheson Foundry & Machine Works
*†American Brake Shoe & Foundry Co. (See Mahwah, N. J.
*American Lava Corp.
*American Mfg. Co. (Light Hardware, etc.)
*Brown T. W. & Bro.
†Cahill Iron Works (Plumbers' Enameled Cast Iron Ware)
*†§Casey-Hedges Co. (Cast Iron Soil Pipe & Fittings, Boiler Fronts & Castings, Grate Bars, etc)
*Chattanooga Armature Works (Armature Castings, etc.)
*†Chattanooga Implement & Mfg. Co. (Hay Presses, Agrl. Implts., etc.)
*†Chattanooga Plow Co. (Plows, Cane Mills. etc.)
†*Chattanooga Roofing & Fdry. Co.
*Chattanooga Saw Works (Saws, etc.)
*†§Columbian Iron Works (Fire Hydrants, Valves, Municipal Castings, etc.)
*†§Eureka Foundry Co. (Iron Fdrs.)
†Frictionless Metal Co. (Bearings, etc.)
*†§Gustafson Mfg. Co. (Cars, Mine Equipments, Car Wheels, etc.)
†Heron Iron Bedstead Co.
*†Jones Machine & Foundry Co. (Brass & Grey Iron Castings)
*†Lookout Boiler Mfg. Co. (Grey Iron Castings, etc.),
Lucey Mfg. Corp. of Tenn. (Oil Well Machinery, Tools, etc.)
*McGregor J. F. Co. (Hardware Specialties, etc.)
*†Mountain City Stove & Mfg Co. Stoves, etc.)
*†Patten Mfg. Co. (Electric & Gasoline Hoists, etc.)
*Peglar Machinery Co. (Saw Mill Machinery, etc)
†Price-Evans Foundry Co. (Iron & Brass Castings, Stoves, etc.)
*†§Ross-Meehan Foundries (Grey & Malleable Iron Castings, etc.)
*†Sanders Newell Plow Co. (Plows etc.)
*§Sharp J. C. Brass Works
*Southern Skein & Foundry Co. (Grey Iron Castings, Wagon Skeins, Wagon Hardware, etc.)
*Star Pea Huller Co.
*Stickney & Montague (Mail Work)
*Street Bros. Machine Works
*Sybilla Elevator & Mfg. Co. (Elevators, Hoists, etc.)
*Tennessee Stove Works (Stoves, etc)
*†U. S. Cast Iron Pipe & Foundry Co. (See New York City)
*Vacuum Dyeing Machine Co.
*Vesta Gas Range & Mfg. Co. (Stoves, Ranges, etc.)
§Vibrator Instrument Co.
*†Walsh & Weidner Boiler Co. (Boiler Fronts & Castings, etc.)
*†Wheland Co. (Engines, Saw Mill Machinery, etc.)
CLARKSVILLE—*†§Clarksville Foundry & Machine Works (Brass & Grey Iron Castings, etc.)
*†§Drane Foundry & Supply Co.
*†§Patch A. H. (Corn Shellers, Feed Mills, etc.)
CLEVELAND—*†§Hardwick Stove Co. (Stoves)
COOKEVILLE—Dorman E. E.
COPPERHILL—*†§Tennessee Copper Co.
HARRIMAN—Harriman Fdry. & Mach. Wks.
*†§Harriman Mfg. Co. (Lawn Rollers, Fanning Mills, etc.)
JACKSON — *†§Heathcock-Rush Machine Co.
†§*Jackson Iron & Bronze Wks.
*†§Southern Engine & Boiler Mfg. Co. (Engines, Saw Mill Machy., etc.)
JELLICO—*†§Jellico Foundry Co.
JOHNSON CITY—†§*Johnson City & Machine Co.
KNOXVILLE—*Dempster Machine Co., Dept. H
*Duncan John G. Co.
†Fair Foundry Co. (Stoves, etc.)
*†§Fulton Co. (Specialties)
*†Knox Stove Works (Stoves, etc.)
*†§Knoxville Foundry & Machine Co.
*Knoxville Iron Co. (Machine Shop Attached to Works)
†Lonsdale Foundry Co.
†Nelsen H. O. Iron Works (Iron Fences & Castings)
*Oliver Wm. J. Mfg. Co. (Contractors' Cars, etc.)
*†Sanford-Day Iron Works (Car Wheels & Cars)
*†§Savage W. J. Co. (Mill Machy., etc)
*†Southern Pipe & Foundry Co.
*Ty-Sa-Man-Machine Co.
*Wolfe M. L. Automobile Co. (Machinist)
LAWRENCEBURG—*Beuerlein F. X.
LENOIR CITY—*†Lenoir Car Works
LEWISBURG—*Green Bros.
LEXINGTON—*†Southern Fdry. & Machine Co.
McMINNVILLE—*†§Wrightman D. M. & Son
MARYVILLE—†*McNaughton Mfg. Co.
MEMPHIS—*†American Car & Foundry Co.
Beronio J. A.
*†Chickasaw Machine & Foundry Co.
*†§Ellis Wm. C. & Sons Iron Works (Agrl. Implts. & Machy.)
*†Lane F. M.
*§Memphis Brass Valve Works
*†§Memphis Machine Works (Saw Mill Machinery, etc.)
*Memphis Repair Works
†§*Union Fdry. & Mach. Co.
Vulcan Iron Works
*†Wetter H. Mfg. Co. (Stoves, Cast Iron Soil Pipe, etc.). Works: So. Pittsburg, Tenn.
NASHVILLE—*†Allen Mfg. Co. (Stoves)
*Atlas Machine Co.
*Bouchard John & Sons Co. (Compressors, Ice & Refrigerator Machinery)
*Braid Electric Co. (Elec. Specialties)
*†Cumberland Foundry & Mfg. Co. (Hdw. Specialties)
†Gray & Dudley Hardware Co.
†Jakes Foundry Co.
*§Marathon Motor Car Co. (Auto Bldrs.)
*†§N. C. & St. L. Ry.
*Nashville Bridge Co.
*§Nashville Machine Co.
*Phillips & Buttroff Mfg. Co. (Stoves, Ranges, etc)
*Rock City Machine Co. (Machinists)
†Southern Foundry Co. (Small Iron Castings)
PULASKI—*†Pulaski Machine Co.
*West J. G.
ROCKWOOD—*†§Roane Iron Co.
SOUTH PITTSBURG—*†Lodge Mfg. Co. (Sad Iron & Hdw. Specialties)
†South Pittsburg Foundry Co. (Soil Pipe, etc.)
*†Wetter H. Mfg. Co. (See Memphis)
UNION CITY—*†§Semones & Son

TEXAS.

AMARILLO—*†Hume Mfg. Co.
AUSTIN—†*Dixon Mfg. Co.
*Gossard A. R. (Mill Machinery)
†§Tips Foundry & Machine Co. (Gasoline Engines, Pumps, etc.)
BEAUMONT—*†§Beaumont Iron Works Co.
Oil City Brass Wks.
BRENHAM—*†§Beaumier Joe H.
BRYAN—*Stevenson John B.
BURKBURNETT—*Wilson Machine Co., 815 Ave B
CLEBURNE—*†§Cleburne Foundry Co.
*Texas Acetylene Co.
CORSICANA—*†§American Well & Prospecting Co. (Iron Fdrs., Machinists & Engineers, Well Machy.)
*†§Oil City Iron Works
DALLAS—*†Continental Gin Co. (Cotton Gins). (See Birmingham, Ala.)
*§Dallas Foundry
*†Mosher Mfg. Co. (Iron & Brass Founders, Machinists, etc.)
*†Murray Co. (Gin Machy. & Supplies)
*Southern Plow Co. (Agricultural Implements)
*†Sutton, Steel & Steel (Mining Machinery, etc.)
§*Texas Brass Mfg. Co.
*†Texas Disc Plow Co. (Plows, etc.)
DENISON—*Clark H. W. & Son
†Knaur Wm. E. (Iron Fdry.)
*§Knaur & Howe
EL PASO—§*Baumgarten & Wyler
*†Darbyshire Harvie Iron & Machine Co.
*†§El Paso Foundry & Machine Co. (Steel Castings)
FORT WORTH—*†§Axtell Co.
†§Boicourt Machine Co.
*†§Bowdry & McKinley Iron Works
*Enterprise Iron & Foundry Co.
*§Midland Brass Wks., Dept. H
*Southwestern Mechanical Co.
*Texas Anchor Fence Co. (Farm, Stock & Lawn Fencing, Gates, etc.)
*Texas Cyclone Fence Co.
*Texas Mfg. Co. (Cotton Gins, etc.)
*†Utica Brass & Machine Co.
*†Van Zandt Iron Works
GAINESVILLE—†Arnett C. C.
GALVESTON—*†McDonough Iron Works (Steam Engines)

HENDERSON—Teller E. J. & Son
HOUSTON—*†Calhoun Pattern Foundry & Machine Co.
*†Dickson Car Wheel Co. (Car Wheels, etc.)
*Grant Locomotive & Car Works (Locomotives & Cars Rebuilt)
*†§Hartwell Iron Wks. (General Machine Work & Iron & Brass Castings)
*†Houston Car Wheel & Machine Co. (Dredge, Oil Mill & Saw Mill Machy. & Iron Castings)
*§Houston Iron Wks. (Oil Mill Strainers, Brass Castings & Machine Work)
*Houston Structural Steel Co. (Steel Work for Buildings, etc.)
*Layne & Bowler Co. (Pumps & Oil Well Strainers, etc.)
*†§Lloyd Metal Co. (General Machine Work & Iron & Brass Castings)
†§*Lucey Mfg. Corp. of Texas
§Miller Louis E. (Electrical Engr. & Brass Fdr.)
*Riesner B. A.
*§Southern Brass Mfg. & Plating Co. (Brass Fdrs., Finishers & Platers)
*Stancliff Well Screen & Mfg. Co. (Oil Well Strainers, Drive Well Points, etc.)
JEFFERSON—*†§Jefferson Fdry. & Machine Shops
LAMPASAS—*Huling Tom B.
LONGVIEW—*†Kelly G. A. Plow Co. (Agricultural Implts.)
LUFKIN—*†§Lufkin Fdry. & Machine Co. (Saw Mill Machinery, etc.)
McGREGOR—*Texas Implement Mfg. Co.
MARSHALL—*†§Marshall Car Wheel & Fdry. Co. (Car Wheels, etc.)
PALESTINE—Dilley Geo. E. & Son (Iron Fdrs. & Cars, etc.)
PARIS—*†§North Texas Foundry & Machine Co.
PITTSBURG — *†§Pittsburg Foundry & Machine Co.
RUSK—*†§Pryor James T.
SAN ANGELO—*§San Angelo Fdry. & Machine Co.
SAN ANTONIO—*†§Alamo Iron Works
†§San Antonio Fdry. Co.
*†San Antonio Machine & Supply Co.
*Schiffers Peter & Sons
*Southern Steel Co.
†§*Wenterborne W. H. & Sons
SHERMAN—*†§Washington Iron Works
TEXARKANA—*†De Marce Mrs. A. (Iron Fdry. & Steam Engines, etc.)
†§*Tex. Steam Engine Wks.
†§Twin City Fdry. & Mach. Co.
VICTORIA—*Knowlan Machine & Supply Co. (Jobbing)
WACO—*†§June D. Machinery Co. (Mill & Gin Machy., etc.)
WAXAHACHIE—*Cronk F. S. Co.
WEATHERFORD — *†§Lewis J. R.
WICHITA FALLS—*†§Wichita Falls Foundry & Machine Co.

UTAH.

OGDEN—Ogden Iron Works Co.
*†§Pearce Wm. & Sons
Ogden Iron Works Co.
PROVO CITY—†§*Provo Fdry. & Mach. Co.
SALT LAKE CITY—†§*Allen F. B.
*Crager Wire & Iron Works
*†§Davis, Howe & Co.
*Fowler J. P. Mfg. Co.
*Galigher Machy. Co., 101H W 2nd
†§*Garfield Smelting Co.
*†§Salt Lake Engineering Works (Mining, Concentrating & Smelting Machinery)
†Salt Lake Sash Weight Foundry
*Trent Engineering & Machinery Co.
†Western Foundry & Stove Repair Works

VERMONT.

BARRE—*†§Smith, Whitcomb & Cook Co. (Stone Polishing & Working Machinery)
BARTON—*†§Murkland Jno. W. Co.
BELLOWS FALLS—*†§Vermont Farm Machine Co. (Creamery Machinery, etc.)
BENNINGTON—*†§Bennington Scale Co.
*Cooper Chas. (Est. of) (Knitting Machinery, etc.)
*†§Scott Olin (Est. of) (Gun Powder, Paper & Pulp Mill Machy., etc.)
*Sibley E. L. Mfg. Co. (Eyelet Presses)
BRANDON—†Backus Corp. (Heaters, etc.)
BRATTLEBORO—White River Chain Co. (For Own Work Only)
BURLINGTON—Davis E. J. Machine Works
*Kidder J. F. Mfg. Co. (Angle Iron Cutting Machines)
†§*Vermont Construction Co.
DERBYLINE—*Butterfield & Co. (Taps & Dies, etc.)
EAST HIGHGATE — *Rixford Mfg. Co. (Scythes, Axles, etc.)
FAIR HAVEN—*†Fair Haven Foundry & Machine Co. (Hoisting Engines, Iron Castings, etc.)
HIGHGATE CENTER—*†§Highgate Mfg. Co.
LUDLOW—*Warner Edw. C.
LYNDONVILLE—§Harriman L. P.
MANCHESTER—*Hawley E. J. & C. H. (Sand Feed & Stone Working Machy.)
MIDDLETOWN SPRINGS — §Gray Fred. E.
MONTPELIER—*†§Lane Mfg. Co. (Woodworking Machinery, Traveling Cranes, etc)
MORRISVILLE — *†§Morrisville Foundry Co.
POULTNEY—†Gray Foundry, Inc.
*†§Ruggles Machine Co. (Slate Machinery, etc)
RANDOLPH—*†Sargent, Osgood & Roundy Co. (Plows, Farm Machy., etc.)
RUTLAND—†Davis Chas. E. Fdry. Co.
*Frenier & Son (Sand Pumps & Stone Working Machinery)
*Grimm G. H. (Evaporators, Steel Ranges, etc.)
*†§Howe Scale Co. (Scales, Engines, Power Hammers, etc.)
*†§Lincoln Iron Works (Stone Working Machy., etc.)
*†§Patch F. R. Mfg. Co. (Stone Working Machy., etc.)
*Rutland Machine & Auto Co.
*Steward L. & J. A. (Can Makers' Machinery, etc.)
SAINT JOHNSBURY—*American Fork & Hoe Co. (See Cleveland, O.)
*†§Fairbanks E. & T. & Co. (Scales, Power Hammers, etc.)
†§*Fairbanks E. T. & Co.
*†§Hooker O. V. & Son
SOUTH ROYALTON — *†Daniel Machine Co. (Cutting Machines)
SOUTH SHAFTSBURY — †Eagle Square Mfg. Co. (Steel & Iron Bedsteads, etc.)
SPRINGFIELD—*Bryant Chucking Grinder Co. (Chuck Grinders, etc.)
*†Fellows Gear Shaper Co. (Gear Shaping Machines)
*Gilman & Son (Last Lathes, etc.)
*†Jones & Lamson Machine Co. (Machine Tools, etc.)
*Parks & Woolson Machine Co. (Textile Machy)
*Slack Mfg. Co. (Metal Cutting-off Machines)
§Springfield Brass Co. (Brass Fdrs.)
†§Vermont Snath Co.
WALLINGFORD—*American Fork & Hoe Co. (See Cleveland, O.)
*Wallingford Mfg. Co. (Hdw. Specialties, etc.)
WATERBURY — *†§Cooley Wright Mfg. Co. (Gas Engines & Stone Working Machines)
WESTMINSTER STATION — *Abenaque Machine Works (Gas & Gasoline Engines, etc.)
WINDSOR—Hubbard & McClary (Hdw Specialties)
WINOOSKI—*†§Stevens Machine Shops (Woodworking Machy)

VIRGINIA.

ALEXANDRIA—*Aitcheson J. & H.
*†Alexandria Iron Works (Iron Fdrs., etc.)
*†Emerson Pump & Valve (Foot Valves, etc)
BASIC—*†§Penn Fdry. & Mfg. Co. (Steel & Malleable Iron Castings)
BERKLEY—*Berkley Machine Works
†§*Old Dominion Iron Wks.
†Blackstone Plow Wks.
BRIDGEWATER—*Miller W. H.
BRISTOL—†§Iron City Stone & Fdry. Co.
BUENA VISTA—*†§Buena Vista Foundry Co.
CHARLOTTENVILLE—†§Albemarle Stove Wks.
*†Harris R. F. & Co. (Agrl. Implts., etc)
*Marshall George B.
CLIFTON FORGE—†§Clifton Forge Machine & Foundry Co.
COVINGTON—*†§Covington Machine Co. (Punches, Shears, Rolls, etc.)
CULPEPPER—*Nalle T. E.
DANVILLE—*†Carter's J. T. Sons
*†Westbrook Elevator Mfg. Co. (Elevators & Tobacco Machinery, etc)
EMPORIA — *†§Emporia Machine Co. (Inc.)
FINCASTLE—*†Bowyer O. M. (Machinist & Fdry.)
FREDERICKSBURG—†§*Dannehl Valentine
†Hunter Chas. E. Farmers' Friend Plow Works (Plows, etc)
GRAHAM—*†§Thistle Foundry & Machine Co.
HARRISONBURG—*†Bradley P. & Sons (Plows & Agrl. Implts.)
*Garber & Wilbarger Co.
HENRY—Blue Ridge Talc Co., Dept. H.
LYNCHBURG—*Cowmatic Corp.
*†§Glamorgan Pipe & Fdry. Co. (Cast Iron Pipe, etc.)
*Hicks C. W.
*†§Hubard Foundry & Machine Works
*†§Lynchburg Foundry Co. (Cast Iron Gas & Water Pipe & General Foundry Work)
†§*United Cigarette Mach. Co., Inc.
MARION—*†Look & Lincoln (Agrl. Implements, Wagons, etc.)
*†Marion Fdry. & Machine Works
MARTINSVILLE—*†§Cheshire J. & Son
NEWPORT NEWS—*†§Newport News Ship Building & Dry Dock Co. (Steel Ships, Marine Engines, etc.)
*†Warwick Machine Co. (Marine Repairs)
NORFOLK—*†§Atlantic Iron Works (Iron & Brass Castings of Every Description)
†§*Berkley Mach. Wks. & Fdry. Co.
†Billups C. Son & Co. (Agrl. Implts., etc.)
Burchard Wm. A. Co. Inc., 56-60 Commerce, Dept. H
*†§Duval Geo. W. & Co.
*†§Eagle Iron Works
*†Elizabeth Iron Works (Engines, Boilers, Forgings, etc.)
†§*Old Dominion Iron Wks.
*Twin City Iron Works
*†White's S. R. Sons (Agricultural Implements)
†Whitehurst R. W. Mfg. Corp. (Agrl. Implts., etc.)
NORTON—*†§Norton Car & Foundry Co.
PARKSLEY—*McCready J. B.
PETERSBURG—*†Appomattox Iron Wks. & Supply Co. Inc. (Saw Mill Machinery, Iron Castings, etc.)
*†Ayers J. R. (Agricultural Implement Mfrs.)
*†§Titus Elmer E. (Iron Fdry. & Basket & Veneer Cutting Machy., etc.)
PHOEBUS—†*Freed Heater Co. Inc.
PORT REPUBLIC—†Port Republic Foundry
PORTSMOUTH—*Portsmouth Machinery Works
*Southern Metal & Weatherstrip Corp.
PULASKI—†*General Chemical Co.
*†§Pulaski Foundry & Mfg. Co.
*†§Virginia Iron, Coal & Coke Co.
PURCELLVILLE—Pancoast & Paxson Co.
RADFORD—*†Lynchburg Foundry Co. (Cast Iron Pipe, etc.)
RICHMOND — *†§American Locomotive Co. (Locomotives), N End 7th (See New York City)
*†Call-Watt Co. (Plows, etc.)
†Cameron Stove Co. (Stoves, etc.)
*†§Cardwell Machine Co. (Cottonseed & Tobacco Machy, Presses, Pumps, etc), 1900 E Cary
†§Carr Jas. W. (Brass & Iron Castings, etc.), 7th N 25th
*Commonwealth Supply Co., Mutual bldg
†Frictionless Metal Co. (Bearings, etc.), 608 Byrd. (See Chattanooga, Tenn.)
*†Johnson J. R. & Co. (Car Axles, etc.)
*Kline Kar Corp. (Auto Bldrs.), Boulevard nr. Fairgrounds
*McConnell-Browning Eng. Co. (Special Machy.), 1015 E Cary
*†McGee O. G. & Son, 2312 E Main
*McLaughlan Thos., 3016 Poplar
*Morrison Company, Mayo's Isle
*†Richmond Fdry. & Mfg. Co. (Grey Iron Castings), Hermetage rd
*Richmond Pressed Metal Works, Inc., Stockton & 6th
*†Richmond Stove Co. (Stoves, etc.), 2506 E Main
*†Richmond Structural Steel Co., 18th & Dock
†§Southern Stove Works (Stoves, etc.)
†Starke's Dixie Plow Works (Agrl. Implements, etc.)
*†§Strickland Machine Co. (Machinists & Fdrs.), 2330 E Main
*Tower-Binford Electric & Mfg. Co. (Electrical Specialties)
*†§Tredegar Co. (Car Wheels & Brass & Iron Castings), ft. of 5th
*Turner Jno. Son (Jobbing), 1108 E Cary
*Umlauf J. A. (Elevators), 9 S 15th
*Virginia Forging & Mfg. Co.
*Virginia Iron & Metal Co., 7th & Semmes
ROANOKE—*Consolidated Tramway Co.
*†§Roanoke Iron & Bridge Works, Inc.
Roanoke Iron Works Inc. (Steel Castings, Iron Pulleys & Shafting)
*Rock Hill Machine Works
*†Virginia Bridge & Iron Co. (Bridge & Steel Structural Work, etc.)
SALEM—*Comas Machine Co. (Cigarette Machinery)
*†§Salem Foundry & Machine Works (Flour Mill Machy.)
SALTVILLE—*†§Mathieson Alkali Works
STAUNTON—*†Leader Plow Co. (Plows, etc.)
*Stockdon B. F. & Bros.
SUFFOLK — *†§Benthall Machine Co. (Peanut Picking Machines, etc.)
SUTHERLIN*†Kerns T. A.
VENTER—*†Adams C. R.
VESUVIUS—†Vesuvius Plow Works (Agricultural Implements)
WAYNESBORO—†Loth W. J. Stove Co. (Stoves)
WEST GRAHAM—†§*Thistle Fdry. & Machine Co.
WINCHESTER—*†Snapp Fdry. Co.

WASHINGTON.

ABERDEEN—*†§Douglas Bros. (Founders & Machinists)
*Nelson Neis & Son
*Potter F. M.
ANACORTES — *Bell Machine Works (Jobbing)
Knapp & Ronneberger (Machinist)
ASOTIN—*Brown L. K. (Machine Shop)
BELLINGHAM — *†§Burpee & Letson (Ltd.), (Shingle Mill Machinery, Canning Machinery, etc)

WASHINGTON—Bellingham—continued
†Union Iron Works (Iron Castings)
*Walling S. E. (Shingle Machinery, etc.)
†§*Whatcom Machinery Depot
BLAINE—*Seely Bros. (Canning Machinery)
CASTLEROCK—*Dickson J. W.
CENTRALIA—Enterprise Foundry
*†§Symons J. P. Co.
CHEHALIS—*Gustaveson P.
COLFAX—†§*Colfax Iron Works
CONNELL—*Flygare & Barnes
*Thomas W. F.
ELLENSBURG—*Mitchell G. L.
ELMA—*Zander J. C.
EVERETT—*Aalbu Bros. (Jobbing)
*†§Bayside Iron Works
*†§Kravik G. H.
*†§Nordeen Foundry Co.
*†Schofield Fred.
*†§Sumner Iron Works (Saw & Shingle Mill Machy., Boilers, etc.)
†Washington Stove Works (Stove Mfrs.)
GOLDENDALE—*Goldendale Garage
HARRINGTON — †§*Dunning Euch Harvester Co.
HOQUIAM—*†§Gray's Harbor Iron & Steel Co. (Founders, Forgers & Machinists)
*†§Lamb Machine Co.
KELSO—*Peters Machine Works
MT. VERNON—*Franklin Iron Works
*Hamburg Bros.
NEWPORT—*Miner F. W.
NORTH YAKIMA—§Heer L. L.
*†§Yakima Iron Works
OLYMPIA—†§*Capitol City Iron Wks.
*Lindley Chas. D.
*Parrott & Hahn
PORT ANGELES—*Machenheimer Bros.
PORT BLAKELY—Port Blakely Mill Co.
PORT TOWNSEND—*Jones Fred. D.
RAYMOND—*†§Raymond Foundry & Machine Co.
RENTON—*†Seattle Car & Foundry Co.
RITZVILLE—*Landreth W. H.
SEATTLE—*§Art Hardware & Mfg. Co. (Bldrs.' Hardware, Brass Castings, etc.)
*Biegert J. C. Machine Works (Mill Mining & Marine Work)
*Clyde Casting Co.
§Doran Bros.
*§Eagle Brass Foundry
§Enterprise Brass Foundry
§Finn John Metal Works (Babbitt & Blaring Metal, etc.)
*Heffernan Engine Works (Steam Engines, etc.)
†Lang F. S. Mfg. Co. (Stoves, etc.)
*Meese & Gottfried Co., 558 1st av S. (See San Francisco, Cal.)
*†§N. & S. Foundry Co.
National Engng. & Equipment Co.
†Olympic Foundry Co. (Grey Iron & Builders' Castings, etc.)
Olympic Steel Work
*Philbrick Cutter Head Co. (Cutterheads)
†Popple & Knowles Co. (Furnaces, etc.)
*Puget Sound Machinery Depot (Jobbing, Repairs, etc.), 318 1st av S.
†Salmon Bay Foundry Co.
*§Salmon Bay Iron & Brass Foundry
*†Seattle-Astoria Iron Works (Engines, Canning Machy. & Iron Castings)
*Seattle Brass Co. (Brass Fdrs.)
*§Seattle Car & Foundry Co. (Car Builders, etc.)
*Seattle Machine Works (Contractors' Machinery), 511 W Lander
*Seattle Stove Works
§Sharps Brass Foundry
*Smith Cannery Machine Co. (Canning Machines, Lathes, etc.)
*South Seattle Foundry Co.
†§Star Foundry Co.
*Star Machinery Co. (Gang Edgers, Hoists, etc.), 1731 1st av S
*Stetson-Ross Machine Works (Woodworking Machinery)
*†§Sumner Iron Works
†Variety Iron Works (Machinery & Castings)
†§*Vulcon Mfg. Co., 1200 4th av, S
*Washington Elevator Co. (Elevators, etc.)
*†Washington Iron Works (Hoisting & Logging Engines, Castings, etc.)
†West Coast Iron Works
*†Westerman Iron Works (Iron Fdrs. & Machinists)
SHELTON—*Horn Philip (Jobbing)
SNOHOMISH—*†§Snohomish Iron Works
SOUTH BELLINGHAM—†§*Burpee & Letson
SOUTH BEND—†Gilchrist John G.
SPOKANE—*†§Armstrong Machinery Co. (Ice & Refrigerating Machy., etc.)
See adv index at end of book
*†§Barnard Mfg. Co. (Flour Mill Machinery, etc.)
*Hallidie Co. (Mining Machy., etc.)
See adv index at end of book
*§New York Brass & Iron Works
*†§Northwest Harvester Co. (Iron Castings, Harvesters, etc.)
*Pacific Iron Works (Machinists)
*Simmons & Sons, 87 Madison
*†§Spokane Foundry Co.
†§Spokane Ornamental Iron & Wire Works
Success Seed Grader Co.
Union Iron Works (Mining Machy., Engines, Castings, etc.), Dept. H
†§Washington Ornamental Iron Wks.
†§*Washington Water Power Co.
SUNNYSIDE—*Miller & Morrow
TACOMA—†§Atlas Foundry & Machine Co.
*Auto-Marine Engine Works
*Auto-Marine Machine Wks. (Jobbing)
*†Carman Mfg. Co.
*Coast Iron & Machine Works (General Machine Work)
*†Continental Pipe Mfg. Co. (Cast Iron Pipe, Hydrants, Valves, etc)
*§Enterprise Brass Foundry Co.
*†§Griffin Wheel Co. (Car Wheels. (See Chicago, Ill.)
*Hallin Gas Engine & Boat Co. (Gas Engines)
*Lock Rail Iron Bedstead Co. (Iron Bedsteads)
*†§Puget Sound Iron & Steel Works (Gasoline Engines, Log Hauls, etc.)
§T. & B. Brass Fdry. Co.
†Tacoma Foundry & Machine Co.
§Tacoma Ry. & Power Co.
*†§Tacoma Smelting Co. (Smelters etc.,)
*Walstad Machine & Electric Co. (General Machine Work)
VANCOUVER—§Rand Iron Works
†Sutton Leadthe Co.
WALLA WALLA—*†§Walla Walla Iron Works
*Washington Weeder Works (Disc Cultivators).

WEST VIRGINIA.

BLUEFIELD—*†§Superior Supply Co.
CAMERON—*Cameron Tool Co.
*§Eljer Co.
CHARLESTON — *†§Kanawha Mfg. Co. (Coke Oven Castings, Mine Cars, Wheels & Axles, etc.)
*Kelly Axe Mfg. Co. (Axes, etc.)
South Side Fdry. & Machine Wks. (Iron Costings & Mine Fans, etc.)
†Ward Chas. Engineering Works (Marine Boilers, etc.)
CHARLESTOWN—*†Weller Bro.
CLARKSBURG—*§Hart Bros. Machine Co. (Engines & Saw Mills)
*Osborn W. B. Machinery Co.
*†Osborn's J. F. Sons (Iron Fdrs. & Engines & Saw Mills)
ELKINS—*†§Elkins Foundry & Machine Co.
*†§Humphrey Mfg. Co.
FAIRMONT—*Aultman T. G. Steam Pump Works (Steam Pumps, etc.)
*†§Donnally A. H.
*†§Fairmont Mining Machinery Co. (Mining Machy. & Soft Castings)
†§*Fairmont Mold & Foundry Co.
*†§Helmick Foundry & Machine Co. (Coal & Coke Oven Equipments,
*Virginian Electric & Machine Works etc.)
GRAFTON—†§*Hefner & Maysilles
*Moran Patrick
*†§Newlon Foundry & Machine Co.
HINTON—†§*Hinton Foundry, Machine & Plumbing Co.
HUNTINGTON—*†American Car & Fdry. Co. (See St. Louis, Mo.)
†§Huntington Stove & Foundry Co. (Stoves)
†West Va. Foundry & Stove Co. (Stoves etc.)
KEYSTONE — †§*Pocahontas Foundry & Machine Co.
LOGAN—*Guyan Machine Shops (Armature coils, oxy-acetylene, welding, etc.)
MABSCOT—*†§Carper Foundry & Machine Co.
MANNINGTON—*Phillips Chas. Tool Co.
MARTINSBURG—*†Matthews T. E. & Bro.
MORGANTOWN — *†Chrisman Foundry
*†§Chrisman Foundry Co.
*†§Romisch Mfg. Co.
PARKERSBURG—*Acme Fishing Tool Co. (Oil Well Supplies)
*Baldwin Tool Works
*Crotty J. J. & Co.
*Kelly Michael (Est. of) (Iron Fdry.)
*Kesselman & Co. (Machinists & Oil Well Tools, etc.)
*Parkersburg Iron & Steel Co. (Machine Shop for Own Use)
*†§Parkersburg Machine Co.
*Spence H. M.
PIEDMONT—*†§Piedmont Fdry. & Mach. Co. (Iron Fdrs. & Machinists)
POINT PLEASANT — †West Virginia Malleable Iron Co. (Malleable Iron Castings)
RANSON—*Powhattan Brass & Iron Works
RONCEVERTE—*†§Eagle J. W. P.
SISTERVILLE—*McJunkin Machine Co.
WELLSBURG—*Teeple W. S.
WESTON—*†§Danser Mfg. & Supply Co.
WHEELING—*†Centre Foundry & Machine Co. (Iron Fdrs., etc.)
*Hazel Atlas Glass Co.
*†Mahlke R. H.
†Moss J. E. Iron Works
*†National Tube Co. (Riverside Iron Works)
*Riverside Bridge Co.
*Sands H. S. Electrical & Mfg. Co.
§*Saturn Foundry & Machine Co.
†Valley Star Stove Co. (Stoves, etc.)
§Waterhouse H.
§Wheeling Bronze Casting Co.
*†Wheeling Mold & Fdry. Co. Rolling Mill Mach., (Special Machy. & Castings)
*†Wheeling Sanitary Mfg. Co. (Enameled Iron Ware, etc.)
Wheeling Steel Casting Co.
*†Wheeling Steel & Iron Co. (Grey Iron Castings, etc., for Own Use Only)
*Wheeling Stove & Range Co. (Stoves, Ranges, etc.)
*†Whitaker-Glessner Co.

WISCONSIN.

ADELL—†Hellminger Bros.
ALGOMA—*§Plumbers' Woodwork Co.
*†§Wodsedalak Jos. (Gasoline Engines)
ANTIGO—*†§Mayer Bros. (Hoists, Gasoline Engines, etc.)
APPLETON — *†§Appleton Machine Co. (Paper & Pulp Mill Machinery)
*Badger Furnace Co.
*†Eagle Mfg. Co. (Portable Gas Engines, etc.)
§Fox River Screen Plate Co.
*Killen-Strait Mfg. Co.
*†§Valley Iron Works Co. (Iron & Bronze Castings & Wood Pulp Machinery)
ASHLAND—*†§Bretting C. G. Mfg. Co.
†§Sanders Robert E. (Boilers etc.)
BARABOO—*Gollmar E. T.
BEAVER DAM—*Harder H. J. (Gas Engines)
†§*Klipper Mfg. Co.
*†§Malleable Iron Range Co. (Malleable Iron Ranges)
*Tiger Drill Mfg. Co.
Western Malleable Co.
BELOIT——§*Beloit Brass Works
†§Beloit Foundry Co. (Grey Iron Castings)
*†§Beloit Iron Works (Paper Mill Machinery)
*Dowd R. J. Knife Works (Machine Knives, etc.)
*†§Fairbanks, Morse & Co. (Gas Engines, etc.)
*Gardner Machine Co. (Disc Grinders, etc.), S. Beloit, Div.
*†Gaston's N. B. Sons Co. (Scales, etc.)
§Hammill A.
*Hendley & Whitemore Co. (Punching & Shearing Machinery)
*§Lipman Refrigerator Car & Mfg. Co. (Centrifugal & Rotary Pumps)
†Mork P. F. (Grey Iron Castings)
*†§Thompson Plow & Engine Works (Agrl. Impits., Engines, etc.)
*Wisconsin Farm Implement Co. (Feed Mills)
*†Yates P. B. Machine Co. (Wood Working, Machinery, etc.)
BERLIN—*†§Johnson-Fortnum Machine Works
*†Schaefer Mfg. Co. (Gas & Gasoline Engines, etc.)
BLACK EARTH—*Fesenfeld & Barber
BLOOMER—*Bloomer Machine Works
BOSCOBEL—*†Ruka Bros. Mfg. Co. (Ltd.)
BRANDON—*Sherwin E. C. & Son (Road Scrapers, etc.)
BRILLION—*†Brillion Iron Works
BROOKLYN—*Farmers' Mutual Benefit & Trading Co.
BURLINGTON—*§Burlington Brass Wks. (General Brass Fdrs. & Finishers)
*Lawton & Bushman (Tools, etc.)
*†Wagner Bros.
CEDAR GROVE—*†§Wisconsin Foundry & Steel Works (Steel Ranges, Brass & Grey Iron Castings, Gasoline Engines, Steel Ranges, etc)
CHIPPEWA FALLS—*Brown Henry
*†Chippewa Fdry. & Machine Co.
COLBY—*Loos E. D.
COLUMBUS—*Roberts G. D. & Co.
CUDAHY—*†Worthington Pump & Machinery Corp. (Power & Mining Machinery Works)
See adv index at end of book
DE PERE—*Lauson-Lawton Co. (Gas & Gasoline Engines, etc.)
*†Lawton Chas. A. Co.
†Western Steel & Iron Works
DORCHESTER—*Fleckenstein V.
EAU CLAIRE—*Drake P. A.
*†Eau Claire Mfg. Co.
*†International Harvester Co. (See Chicago, Ill.)
See adv index at end of book
*†McDonough Mfg. Co. (Saw Mill Machinery, etc.)
*†§Northwestern Steel & Iron Works (Concrete Bldg. Block, Machinery, etc.)
*†§Phoenix Mfg. Co. (Saw Mill Machinery, Steam Engines, etc.)
*White A. E. Machine Works (Special Machinery)
EDGERTON—Burgy F. F. (Gasoline Engines, etc.)
*Carrier F. P. (Gasoline Engines)
ELKHORN—*Zwiebel & Griebel (Machinists)
ELLSWORTH—*†Rounce J. S.
EVANSVILLE—*†§Baker Mfg. Co. (Wind Mills & Engines)
FOND DU LAC—*Abel T. W.
*†Giddings & Lewis Mfg. Co. (Iron Fdrs. & Saw Mill Machinery)
*Glasow Fred (Plows)
*Quentin Peter N. (Gas Engines)
FORT ATKINSON—*†§Creamery Package Mfg. Co. (See Chicago, Ill.)
*Pounder Geo. H. (Harrows, etc.)
FOUNTAIN CITY—*Dressendorfer Andrew
FREDONIA—†*Gilson Bros. Co.
GLEN BEULAH—*Diehl Novelty Co. (Hdw. Novelties)
GLENWOOD CITY—*Krueger E. F.

GRAFTON—†§Grafton Foundry Co. (Castings, Stools & Settees)
†Jungers Stove & Range Co.
GRAND RAPIDS — *American Carbonic Machinery Co. (Refrigerating Machines)
*†§Grand Rapids Fdry. Co.
GREEN BAY — *Green Bay Barker Co. (Wood Barking Machinery)
*†§Green Bay Foundry & Machine Co.
*Hartman-Greiling Co.
†§Helgerson Bros. Iron Works
*Hess W. J.
*Hudson-Sharp Machine Co.
*Nelson Indra Machinery Co.
†§Rothe Jos. F. Foundry Co. (Castings)
*Straubel Mach. Co.(Gasoline Engines)
HARTFORD—*Kissel Motor Car Co.
HORICON—*†Van Brandt Mfg. Co. (Agri'l Implements, etc.)
HURLEY—†§*Twin City Iron Works
JANESVILLE—*Ambrose F. O. (Jobbing)
*†Badger State Machine Co. (Punching & Shearing Machinery)
*Bicknell Mfg. & Supply Co. (Power Machinery, etc.)
*†§Janesville Machine Co. (Agri. Implements, etc.)
*Larsen Holger E. (Jobbing)
*†§New Doty Mfg. Co. (Punching & Shearing Machinery)
*Rock River Machine Co. (Punching & Shearing Machinery)
*Spicer Wm. E. & Co. (Jobbing)
*Strickler Hay Tool Co. (Hay Tools, Hdw., etc.)
JEFFERSON—*Waverly Mfg. Co. (Motorcycles)
JUNEAU—*Brensike John & Son
*†§Brieman Chas. G.
KAUKAUNA—*Hoehne Machine Works
*†§Kaukauna Machine Wks. (Paper & Pulp Mill Machinery)
†§*Kaukauna Machine Works
*†Moloch Co.
KENOSHA—§*American Brass Co.
†§Arneson Foundry Co. (Grey Iron Castings, etc.)
*Arnold & Murdock
*§Frost Mfg. Co. (Plumbers' Brass Goods, etc.)
Hall, C. M., Lamp Co.
*Lippert & Rhenstrom (Presses, Dies, Machy., etc.)
*†§Nash Motors Co. The (Automobiles for own use)
*†§Simmons Co. (Metallic Bedsteads, etc., for own use)
§*Specialty Brass Co.
*Wells Frank L. Co. (Spring Bed Machinery, etc.)
KEWASKUM—*†Remmel Nicholas (Machinist)
KEWAUNEE—*†Hamachek Frank (Agri. Implements, Canning Machinery, etc.)
KIEL—*Kiel Machine Co.
KILBOURN—†*Marshall Mfg. Co.
KOHLER—†Kohler Co. (Cast Iron Enamel Sanitary Ware), Dept. H
LA CROSSE—*Benton Electric Co. (Dynamos, Engines, etc.)
*Franklin Iron Works
*†§James Alfred
*†§La Crosse Plow Co. (Plows, etc)
La Cross Tractor Co. (Gasoline Engines)
§Lunde & Childs
'McKenzie Mfg. Co. (Potato Machy., etc.)
§*National Gauge & Equipment Co.
See adv index at end of book
*Ott Benj. & Sons Co. (Bark Shaving Mills)
*Pederson C. & Son
*†Smith Mfg. Co. (Wagons, Grey Iron Castings, Stump Pullers, etc.)
*Stamping & Tool Co. (Steel Novelties, Dies, etc.)
*Starch Bros. Co. (Cream Separators, etc.)
*†Torrance Jno. & Son (Machinists & Builders & Machinery Castings, etc.)
LAKE GENEVA—*§Gill W. E.
LAKE MILLS—*†§Creamery Package Mfg. Co.
LANCASTER—*Hyde E. H. (Machinist)
MADISON—Berkeley Fourness Co. (Die Castings)
*§Fuller — Johnson Mfg. Co.
*†§Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Tool Grinders, Brass & Iron Fdrs.)
*†Kupfer Theodore (Power Shears, etc.)
§Madison Brass Works
*Madison-Kipp Corp. (Lubricators), Dept. H
*†§Madison Plow Co. (Agri. Implts.)
*Peper John W.
†Southern Wisconsin Foundry Co.
*Steinle Turret Machine Co. (Turret Lathes, Heavy Duty)
*†§Wisconsin Foundry & Machine Co. (Printing Presses, etc.)
MANITOWOC—§Aluminum Castings Co. (Aluminum Castings). (Office: Cleveland, O.)
*§Aluminum Goods Mfg. Co. (Aluminum Castings & Specialties)
*Aluminum Specialty Co. (Machine Shop, Aluminum Novelties)
*Dedrick N. (Special Machy., etc.)
*Gaterman Mfg. Co. (Agricultural Implements, etc.)
†§Gumm Aluminum Casting Co.
*†Manitowoc Foundry & Machine Co. (Grey Iron Castings, etc.)
*Manitowoc Shipbuilding Co. (Steel Ships, Engines, etc.)
*†§Richards Iron Works (Engines, Grey Iron Castings, etc.)
*†§Smalley Mfg. Co. (Agrl. Implts., Plows)
†§Western Iron Works
†Wisconsin Aluminum Foundry Co.
MARINETTE—*†§Marinette Iron Works
*Sandlund Peter
MARSHFIELD—*§Lang & Scharmann
MARYTOWN—*Langenfeld Jno.
MAUSTON—*Strong H. C.
MENASHA—*†§Sailor Whitmore Machine Co.
MENOMINEE—†§*Aetna Engine Works
MENOMINEE FALLS—*Menominee Falls Mfg. Co.
MENOMONIE—Laursen Automatic Pump Co.
MERRILL—*†§Merrill Iron Works
MILWAUKEE—*†§Allis-Chalmers Mfg. Co. (Mining Machinery, Steam Turbines' Engines, Pumps, etc.)
*§American Brass Foundry Co.
*American Metal Products Co.
*Artos Engineering Co. (Tex. Machy.), 348 Milwaukee
*Atlas Metal Parts Co., 998 15th
*Badger Meter Mfg. Co. (Water Meters), 841 30th
*Barth Mfg. Co. (Jacks, etc.)
*†Bay View Steel Casting Co. (Steel Castings, etc.), 132 S Bay
*Bayley Mfg. Co. (Steam Engines, Fans & Blowers, etc)
*Beaver Mfg. Co. (Gasoline Engines), 1st & Oklahoma av
*Brand Stove Co.
*Busch J. C. Co. (Compressors, Sprue Cutters, Cranes & Hoists), 140 Ferry
†Central Foundry Co.
*†Chain Belt Co (Grey & Malleable Iron & Steel Castings, Conveyors, Chain Link, etc.)
*Christensen Engineering Co. (Gasoline Engines)
§Claus Automatic Gas Cock Co.
†Cream City Foundry Co., 15th & Oklahoma av
†Crucible Steel-Casting Co. (Crucible Steel Castings), 612 Clinton
*§Davis Mfg. Co. (Gasoline Engines, etc.)
*Doelger & Kirsten (Power Shears, etc.), 507 Cedar
*Downey Heating & Supply Co. (Jobbing & Repairs, etc.), 615 Clybourn
*Durant Mfg. Co. ("Productimeter" Speed Indicators, Counting Machines)
Electric Steel Casting Co.
*§FALK CORP. (Steel Castings), ft. 30th *See adv index at end of book*
†Federal Malleable Co. (Malleable Iron Fdrs., Chain Belts, etc.)
*Feilbach Motor Co. (Motorcycles), Weil & Burleigh
*†§Filer & Stowell Co. (Steam Engines, Pumps, Saw Mill Machinery, etc.)
§Fisher Brass Foundry Co.
Fisher Specialty Co., 326 Ogden av
*†Fraser Co. (Engines & Milling Machines), 66 E Water
*†Fuller-Warren Co. (Stoves, etc.), 32nd & Wright
§Galland-Henning Mfg. Co. (Malting Drums)
*Gas Power Engineering Co., 213 North av
†§Gemco Mfg. Co. (Auto Specialties)
*Gerlinger Steel Casting Co.
Greenslade John, 678 Jefferson
*Haase Motor Works (Gasoline Engines)
*Hackendahl & Schmidt Co. (Bldg., Iron Works, etc), 16th & Canal
*Harley-Davidson Motor Co. (Motorcycles), 3732 Chestnut
*Harrow Spring Co.
Heil Co., (Tanks, etc), 26th & Montana aves
*Heller S. (Electric Elevators & Hoisting Machinery), 250 Milwaukee
*Hide & Leather Working Mach Co., 4215 Meinecke av
*†Hirsch Bros. (Agrl. Implts.), 267 Reed
*†§Hoffmann B. Mfg. Co. (Iron & Brass Fdrs. & Steam Fitters & Plumbers' Supplies)
†§Hoffman & Billings Mfg. Co. (Plumbers' Supplies), 100 2nd
*Holt Electric Co. (Dynamos & Motors), 379 S Pierce
*Hover Engineering Co. (Gas & Gasoline Engines), 281 Grove
Industrial Controller Co. (Electrical Specialties), 890 Greenbush
†§*International Harvester Corporation
*†§Jaeschke Bros. Foundry Co., 3026 Locust
§Kagel Bros., 1208 St. Paul av
*Kahn Mfg. Co. (Machinery, etc.), 598 Clinton
*Kieckhefer A. Elevator Co. (Electric Hand & Power Elevators)
*Koehring Machine Co. (Concrete Mixed)
*§Kruecke Bros. Mfg. Co. (Brass Fdrs.), 515 Park
*§Lamp & Miller Mfg. Co. (Brass Fdrs. & Finishers), 382 4th
Le Roi Co. (Gas Engines, etc.)
*†§Lindemann A. J. & Hoverson Co.
*§Loeffelholz Co. (Railroad Car, Cabinet & Office Trimmings, etc.)
*Logemann Bros. Co. (Hydraulic Presses, etc.), 3130 Burleigh
*Luitink & Sons Mfg. Co. (Door Hangers, etc.), 775 18th
*Luther Grinder Mfg. Co. (Tool Grinders, Post Drills & Vises, etc.), 285 S Water
*Lutter & Gies (Machine Tools), 258 Lake
Magnus Co., Inc., 241 Greenfield
†Manufacturers Foundry Co., 15th & Oklahoma av
*Marsh Refrigerator Service Co., Port Washington rd
†Martin A. E. Foundry & Mach. Co. (Grey Iron Castings), 705 Park
†Maynard Steel Foundry Co., 716 Reed
MECHANICAL APPLIANCE CO. (Dynamos, Motor Generators), 133 Stewart
*Meyer Geo. J. Mfg. Co., 598 Clinton
§Milwaukee Aluminum & Brass Foundry Co. (Aluminum & Brass Castings), 295 Reed
*Milwaukee Auto Engine & Supply Co., 841 29th
*§Milwaukee Brass Mfg. Co. (Plumbers' Brass Goods), 251 Lapham
*Milwaukee Bridge Co. (Steel Structural Work, etc.), 1400 34th
§Milwaukee Bronze Casting Co.
*Milwaukee Die Casting Co.
*Milwaukee Dry Dock Co., ft. Washington
*§Milwaukee Electric Railway & Light Co., Public Service bldg
*Milwaukee Hay Tool Co.
Milwaukee Locomotive Mfg. Co. (Gasoline Locomotives), ft Belleview
*†Milwaukee Malleable & Grey Iron Wks., Layton Park
*Milwaukee Metal Working Co., 383 Clinton
Milwaukee Shaper Co. (Friction Clutches), 1029 Cold Spring
*†Milwaukee Steel Foundry Co. 101 S Water
*§Milwaukee Valve Co. (Valves & Steam Specialties, etc.), 139 Burrell
*Miotke Jos., 144 Clinton
*Modern Pattern Co., 150 Clinton
*†Mueller L. J. Furnace Co. (Furnaces & Heating Apparatus, etc.), 197 Reed
*Munkwitz Edw. H. Co. (Tanners' Machy.), 159 Muskego av
§Murphy Specialty Co., 90 2d
*Nash J. M. (Chair, Wood Polishing & Woodworking Machinery), 842 30th
*National Brake & Electric Co. (Air Brakes, Compressors, etc.), ft. Belleview pl
*National Foundry Co.
*National Machine Co.
*National Specialty Mfg. Co. (Printing Machines), 373 B'way
*National Steel Foundries (Steel Castings), Belleview pl & Larkin
*Noll Bros. (Agricultural Hardware, etc.), 849 Allis
*†Nordberg Mfg. Co. (Engines, Pumping Machinery, etc), Chicago & Oklahoma
†North End Foundry Co., 60th av & Ry. Tracks
†§Northwestern Malleable Iron Co., 756 Park
*Northwestern Mfg. Co. (Dynamos & Motors), 482 Clinton
†Nortmann-Duffke Foundry Co., 27th av
*Obenberger Joseph & Son Co. (Dumping Buckets, etc.), 125 Barclay
*†Pawling & Harnishfeger (Electric Cranes & Hoists, etc.)
See adv index at end of book
Pelton Steel Co., 672 Kinnickinnic
*Phenix Mfg. Co. (Hardware Specialties)
§Polachek & Bros.
§Prime Steel Co. (Steel Castings), 670 Kinnickinnic av
*Prinz & Rau Mfg. Co. (Brewers & Malsters & Flour Mill Machy., etc.), 659 E Water
§Progressive Metal & Refining Co. (Babbitt Metal & Castings), 432 Barclay
*Richards Machine Co. (Machine Tools), 3417 Vliet
*†Richardson-Phenix Co. (Lubricators, Oil Pumps, etc), 131 2nd
Rosenberg F. Elevator Co. (Elevators, etc), 174 Reed
†*Rosenthal Coin Husker Co.
*†§Rundle Mfg. Co. (Enameled Iron Ware & Brass Goods), 27th & Wohl
§Rundle-Spence Mfg. Co. (Plumbers' Brass Goods, etc), 63 2nd
*Schneck Machine Co., 811 St. Paul av
*Schwab Ph. Co., 16th & Canal
*†Schwab R. J. & Sons Co. (Iron Fdrs. & Machinists & Hot Air Furnaces) 283 Clinton
†Sheriffs Mfg. Co.
†Sivyer Steel Casting Co.
*Skobis Co. (Builders' Iron Work), 951 30th

WISCONSIN—Milwaukee—continued
MACHINISTS & FOUNDERS—continued
†Smith Geo. H. Steel Casting Co. (Steel & Manganese Steel Castings & Machine Works)
*†Smith T. L. Co., 1151 32d
†South Side Malleable Casting Co. (Malleable Iron Founders), 14th av & Ry. Tracks
*†Speich Stove Repair Co., 130 W Water
*§Standard Brass & Iron Works (Brass Founders & Finishers), 1820 St. Paul av
†Standard Crucible Steel Casting Co., 719 30th
*Standard Separator Co. (Cream Separators), 45th & Burnham
*Steam Appliance Co. (Steam Appliances)
*Stehling Chas. H. Co. (Tanners' Machinery)
*†Stowell Mfg. & Foundry Co. (Hardware)
*Stroh Die Moulded Casting Co.
*†Toepfer W. & Sons Co. (Brewers' Machinery), 80 Menomonee
*Treichel & Hyink, 727 N Water
*Universal Machinery Co. (Machy.), 784 30th
*†§VILTER MFG. CO. (Corliss Engines, Ice & Refrigerating Machines, Machinery, etc), 1046 Clinton
See adv index at end of book
*Wagner A. F., Architectural Iron Works, 763 N Water
†Wehr Steel Co., 45th & Gordon
*West Allis Iron Works
*Western Fixture Co. (Display Fixtures, etc), 1402 Weil
§Windsor Mfg. Co., 570 Clinton
†Wiconsin Malleable Iron Co. (Malleable Iron Castings), South Bay
MONROE—*†Lanz A & Sons (Machinists)
NEENAH—†Aylward Sons Co. (Grey Iron Castings, etc.)
†Bergstrom Stove Co. (Stoves)
*Johnson & Wells Machine Co.
*§Neenah Brass Works
NESHKORO—†Dombrowski F.
NEW HOLSTEIN—*Lauson John Mfg. Co. (Gas & Gasoline Engines, etc.)
NEW LONDON—*Thomas & Brown
NORTH KAUKAUNA — §*Hoehner F. F. Foundry
NORTH MILWAUKEE—*Crown Commercial Car Co. (Motor Trucks)
*Wisconsin Bridge & Iron Co.
OSHKOSH—†§Barnes J. A. Machine Co.
*†Challoner Co. (Saw Mill Machy.)
*Dauber-Bell Machine Co.
*Dauber-Kratsch Co.
*†§Davis-Hansen Co. (Pumps, etc.)
*†Doman H. C. Co.
*†Hayes E. B. Machinery Corp. (Woodworking Machinery)
*Pine-Ihrig Machine Co. (Bed Spring Machinery, etc.)
*Ransom Mfg. Co. (Tool Grinders, etc.)
*†§Termaat & Monahan Mfg. Co. (Gasoline Engines, etc)
†Universal Foundry Co.
*†Wilkin-Challoner Co. (Saw Mill Machinery)
PLATTEVILLE—*Dana Co.
*§Galena Iron Works Corp. (See Galena, Ill.
PLYMOUTH—*†Plymouth Foundry & Machine Co.
*Wolf Henry F
PORTAGE—*†§Baird & Slinger
PORT WASHINGTON—*†§Gilson Mfg. Co.
†Martin Foundry Co. (Gasoline Engines, etc.)
*†§Turner Mfg. Co. (Gas & Gasoline Engines, Grey Iron Castings, etc.)
PRAIRIE DU CHIEN—*Beuthin Chas. F. W.
PRINCETON—*Mueller Erich
RACINE—*Adams E. B. & Son (Hardware, Carriage Springs, etc.)
*American Mangle & Roller Co. (Laundry Machinery)
*†American Seating Co.
*†American Skein & Foundry Co. (Jack Screws, etc.)
*Arnold Electric Co. (Vibrators, etc)
†Badger Foundry Co.
*Beffel Frank Mfg. Co. (Models & Experimental Work, Tools, Dies, etc.)
†Belle City Malleable Iron Co.
*†Belle City Mfg Co. (Agrl. Implts., Iron Castings, etc.)
*†§Case J. I. Plow Works (Plows & Agrl. Implts. for Company's use only)
†§*Case Threshing Machine Co.
§Christensen Machine Co.
*Didier Wm. Mfg. Co. (Jobbing Machinists)
*Driver C. H. & Kerr Co. (Sand Papering Machines)
*†Foster & Williams Mfg. Co. (Agrl. Implts, etc.)
*†Freeman Mfg. Co. (Agrl. Implts, Windmills, etc)
*Gorton Geo. Machine Co. (Engraving Machines, etc.)
*Greene F. J. Engineering Works (Special Machinery, etc)
*Harvey Spring & Forging Co. (Bolster Springs, etc.)
*Higgins Spring & Axle Co. (Springs & Axles, etc.)
*†§Holbrook-Armstrong Iron Co. (Aluminum, Brass & Grey Iron Castings)
†Lakeside Malleable Castings Co.
*Lang R. B. Mfg. Co.
*Mitchell Motors Co. Inc. (Automobiles)
Overland Shoe Co.
*Peerless Machine Co. (Hack Saw Machines & Blades)
*Piggins Motor Truck Co.
*Progressive Foundry & Mfg. Co.
§Racine Aluminum & Brass Foundry Co.
†§Racine Brass & Iron Co.
*Racine Confectioners' Machinery Co.
*Racine Electric Co.
*†Racine Malleable & Wrought Iron Co. (Hdw. Specialties, Copying Presses, etc.)
*Racine Metal Stamping Co. (Spring Hinges, etc.)
†Racine Steel Castings Co. (Steel Castings, etc.)
*Racine Tool & Machine Co. (Metal Cutting Machines)
*Sieverkropp Engine Co. (Gaso. Engines)
Simms Foundry Co.
†Standard Foundry Co. (Castings)
*Tecktonius E. C. Mfg. Co. (Hoop. Lugs, Bolster Springs, etc.)
*Wabers Mfg. Co. (Corn & Potato Planter, etc.)
*Wallis Tractor Co. (Gasoline Tractors)
*Webster Electric Co. (Magnetos, etc.)
*Wisconsin Cylinder Fdry. Co. (Cast Iron Cylinders, etc.)
*Wisconsin Electric Co. (Vacuum Cleaner Motors), 1600 Junction av
*Wisconsin Metal Products Co. (Dies, Tools, etc.)
*†Wood Lyman Mfg. Co. (Stove Repairs, Saddlery, Hdw., etc.)
RANDOLPH—*Nutting C. A.
*Smith Geo. B.
RHINELANDER—*†Rhinelander Iron Co.
RICE LAKE—*Rice Lake Iron Works
SCHLEISINGERVILLE—†La Point Fdry. Co.
*†Rosche John
SEYMOUR—Lotter Bros Mfg. Co.
SHAWANO—*Schweers Hardware Co.
SHEBOYGAN—†*Armbruster Otto
*Garton Toy Co. (Iron Toys, etc)
*†Globe Co. (Feed Cutters, Feed Mills, Saw Machines, etc.)
*†§Jenkins Machine Co. (Chair & Woodworking Machinery, etc.)
†Kerskamp Bros.
†Kohler Co. (Cast Iron Enamel, Sanitary Ware)
*Myers Machine Co. (Woodworking Machinery)
*Optenberg Iron Works (Radial Drills, etc.)
*Porcelain Enameling Assn. of America (Cast Iron Enameled Hollow Ware)
*†Vollrath Co. (Enameled Cast Iron Hollow Ware)
SHELL LAKE—*Raney F. J.
SILVERLAKE—†Graf Stove & Range Co.
SOUTH MILWAUKEE—*†§Badger Malleable & Mfg. Co. (Malleable Iron Founders)
*†Bucyrus Co. (Steam Shovels, Dredges, etc.)
*†§Stowell Co. The (Grey Iron, Malleable Steel & Brass Castings, Door Hangers & Hardware Specialties, etc)
SPARTA—*†Sparta Iron Works Co. (Well Drilling Machinery, etc.)
STEVENS POINT—†*Comee Metallic Packing Co.
†Cook R. A.
*Koshollek Paul F. & Son (Gasoline Engines)
*Sustins F. A.
STOUGHTON—†Mandt Wagon Co.
*†Stoughton Wagon Co. (Plows, etc)
STURGEON BAY—*Hunsader John Machine Co.
*†§Ives Wallace L.
SUPERIOR—*†§Duplex Mfg. Co. (Windmills, Engines, etc.)
*†§Evered Foundry & Machine Wks.
*Northwestern Boiler Works.
*†§Superior Iron Works Co. (Engines & Dredging Machinery, Iron & Brass Castings, Swinging Engines, etc.).
*Superior Ship Building Co. (Ships, Marine Engines, etc.)
†Thomas & Almquist
TOMAHAWK—*†§Tomahawk Steel & Iron Works (Boilers, Tanks, Grey Iron, Brass & Semi-Steel Castings, etc
TWO RIVERS—†Becker Mfg. Co.
*Kahlenberg Bros. Co. (Gasoline Marine Engines)
*Standard Aluminum Co.
VEEDUM—†§*Reick Karl
WASHBURN—*Steinert R & Co.
WATERTOWN—*Biefeld O. & Co.
§Brandt-Dent Co. (Gas Fixtures, etc.)
*Watertown Machine Co.
WAUKESHA—*†Blair & Son
*Ladewig & Stock Co.
*†Rowell I. B. Co (Agricultural Implements)
*Spring City Fdry. Co. (Grey Iron Castings)
§Waukesha Foundry Co.
†Waukesha Malleable Iron Co.
*Waukesha Motor Co. (Auto Motors)
Werra Aluminum Foundry Co.
WAUPACA—*Hansen A. M.
†Rosche & Suhs
WAUPUN—†§Althouse-Wheeler Co. (Windmills & Pumps, etc.)
WAUSAU—*Hernke Bernard (Jobbing)
*Karas, Sigmund (Jobbing)
*†§Murray D. J. Mfg. Co. (Saw Mill Machinery)
*Northern Machine Works (Jobbing)
*†Wausau Foundry & Machine Co.
*Wausau Iron Works
WEST ALLIS—*†§Allis-Chalmers Mfg. Co. (Corliss Engines, Mining Machinery, etc.)
*†Federal Malleable Co. (Malleable Iron Founders, Chain Belts, etc.)
†Gerlinger Steel Castings Co. (Steel Castings, etc.)
*Kearney & Trecker Co. (Machine Tools)
*Kempsmith Mfg. Co. (Machine Tools)
*North End Foundry Co.
†Sterling Wheelbarrow Co.
Wehr Steel Co.
†West Allis Iron Works (Grey Iron & Semi-Steel Castings)
WEST BEND—*†§Gehl Bros. Mfg. Co. (Agrl. Implts., Grey Iron Castings, etc.)
*West Bend Aluminum Co.
WEYAUWEGA—*Haire James A.
WHITEWATER—*Dunham & Fiske, (Agrl. Implts., etc.)

9503-4—Machinists' Tools & Supplies (Dealers)

See also Mill & Factory Supplies

For Manufacturers of Machinists' Tools & Supplies, see the Specific Article Required

ALABAMA.

BIRMINGHAM—Moore-Handley Hardware Co.
MONTGOMERY—Barnett G. W., Hardware Co.

CALIFORNIA.

LOS ANGELES—Fairbanks, Morse & Co., 427 E 3rd
Harron, Richard & McCone (Machine Tools), 225 San Pedro
McFie W. T. Supply Co.
Wigmore Jno. & Sons Co., 401 E 4th
SAN FRANCISCO—Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), 365 Market
General Machinery Supply Co., 39 Stevenson
See adv index at end of book
Harron Richard & McCone, 139 Townsend
Hicks Jas. L., 967 Howard
Marwedl, C. W., 76 1st
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), Fremont & Mission
Taber-Bigelow Co., 504 Mission

COLORADO.

DENVER—Hendrie & Bolthoff Mfg. & Supply Co.

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co.
Hudson Supply Co., Front & Market
Wilson Hardware Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Lambie Jas. B. Co., 1415 N. Y. av, N W

GEORGIA.

ATLANTA—Armstrong R. S. & Bros., 676H Marietta
Cotton States Belting & Supply Co.
Pasco Tool Co., 16 N Broad
Walraven Co., The, 36-38 W Alabama
AUGUSTA—Lombard Iron Works & Supply Co.
ROME—Battey Machinery Co.

ILLINOIS.

BLOOMINGTON—Holder Hardware Co.
Keiser-Van Leer Co.
Read G. H. & Bro.
CAIRO—Reed Hardware & Mfg. Co.
CHICAGO—Besly Chas. H. & Co., 120 N Clinton
Blancke A. C. & Co., 602 S Lake
Carpenter Geo. B. & Co., 440 N Wells
Crerar, Adams & Co., 259 E Erie
Essley E. L. Machinery Co., 555 Washington blvd
Harris Samuel & Co., 114 N Clinton
Henion & Hubbell, 219 N Jefferson
Hill, Clarke & Co., 625 W Washington
Hodge & Homer Co., 549 W Madison
Hunt E. Hamilton, 136 W Lake
Iron & Steel Products Corp., 2337 S Michigan av
LINK-BELT COMPANY, 300 W 39th
See adv index at end of book
Machinists' Supply Co., 17 N Jefferson

Manning Maxwell & Moore, 27 N Jefferson
Marshall & Huschart Machinery Co., 17 S Jefferson
Mazel-Rest Supply Co., 1846 Grand av.
MOLITER CHAS. MACHINERY CO., 118 S Clinton
Patterson & Schroeder Supply Co., 560 W Van Buren
Scully Steel & Iron Co., 2364 S Ashland av
Seehausen Wehrs & Co., 173 N Franklin
Sterling Products Co., Inc., 35 S Desplaines
Wallace Wm. & Sons, 513 Wells
DECATUR—Morehouse & Wells Co.
JOLIET—Barrett Hardware Co.
MOLINE—Dunn Thos. & Sons
SPRINGFIELD—Miller W. B. & Son
STREATOR—Williams Hardware Co., 113H Vermillion

INDIANA.

BEDFORD—Meyers, Willard F., Co.
ELKHART—Borneman & Sons
EVANSVILLE—Boetticher & Kellogg Co.
Bush E. M. Hardware Co.
Clifford Hardware Co.
Evansville Supply Co.
Orr Iron Co.
FORT WAYNE—Mossman, Yarnelle & Co.
National Mill Supply Co.
Pfeiffer Henry & Son Co.
GOSHEN—Hawks Hardware Co.
INDIANAPOLIS—Holliday W. J. & Co.
Van Camp Hdw. & Iron Co., 401 W Maryland
Vonnegut Hardware Co., 120 E Washington
MARION—Marion Machine Fdry. & Supply Co.
RICHMOND—Jones Hardware Co.

IOWA.

CEDAR RAPIDS—Fawcett C. E.
DAVENPORT—Sieg Co.
DES MOINES—Brown-Camp Hardware Co.
SIOUX CITY—McGraw Co.
WATERLOO—Cutler Hardware Co.

KANSAS.

TOPEKA—Thompson W. A. L. Hardware Co.

KENTUCKY.

LOUISVILLE—Morton E. D. & Co.
OWENSBORO—Guenther Hardware Co.
Owensboro Hdwe. & Iron Co.

MAINE.

PORTLAND—Edwards & Walker Co. (Tools, etc)

MARYLAND.

BALTIMORE—Aumen Machinery Co., 109E Lombard
Benson L. A., 8 E Lombard
Carey Machinery & Supply Co., 119 E Lombard
Coggins & Owens, 19 S Charles
Crook-Horner Supply Co. 7 Balderson
Cuyler & Mohler, 611 William
Spedden Supply Co., Boston & Kenwood av
Stebbins Wallace & Sons, 100 S Charles
Wallace & Gale, 115 S Gay

MASSACHUSETTS.

BOSTON—Armstrong G. R. Mfrs. Supplies, Inc. (Small Tools), 252 Franklin
Beal Joseph & Co., 465 Atlantic av.
Brown Wales Co. (Supplies), 489 C
Chandler & Farquahar Co., 36H Federal
Farquhar Co., 36 Federal
Chase, Parker & Co., 81 Pearl
CUTTER & WOOD SUPPLY CO. (Jobbers), 274 Friend
See adv index at end of book
Dodge, Haley Co., 218 High
Fitts Frank E. Mfg. & Supply Co., 88 Purchase
Fitz, Dana & Co., 110 North
Hill Clarke & Co., Inc., 156 Oliver
Manning, Maxwell & Moore, 10 High
Rawles James D., 74 Pearl
Wilkinson A. J. & Co., 184 Washington

MICHIGAN.

BAY CITY—Jennison Hdw Co., (& Jobbers)
DETROIT—Boyer Campbell Co., 4 Boyer bldg.
Central Distributing Co., 944H Harper av
Strelinger Chas. A. Co., 43 E Larned
Wormer C. C. Co., Penobscot bldg.
JACKSON—Central Distributing Co.
Modern Machine Tool Co. (Also Iron Working Machinery & Cutting Off Machines)

MINNESOTA.

MINNEAPOLIS—Morison W. K. & Co., 15 S 7th
Northern Machinery Co., 503 S 6th

MISSOURI.

KANSAS CITY—Bonnivell, Calvin Iron Co.
Brunner H. J. Hardware & Machine Supply Co., 1306 Grand
Bunting Hardware Co.
Elfeldt Hardware & Machinist Supply Co., 1219 McGee
English Tool & Supply Co.
Equipment Co., 1531 Walnut
Faeth Iron Co., 1125 N 8th
Great Western Mfg. Co.
Haysler Iron Co., 1126 Union av
Revere Rubber & Supply Co., 1520 Main
Richards & Conover Hardware Co., 5th, N W cor Wyandotte
Townley Metal & Hardware Co., 2d, S W cor Walnut
ST. JOSEPH—Bristol Co.
Howe W. B. Supply Co.
ST. LOUIS—Cahill Swift Mfg. Co., 1112 Market
Campbell Iron Co., 809-19H Cass av.
Colcord Wright Machinery & Supply Co., 1223 to 1229 N B'way
Crane Co. (Est., 1855)
Fairbanks Co., 624 Market
Geller-Ward & Hasner Hardware Co., 414 N 4th
Handlan-Buck Mfg. Co., 210-14 N 3d
Hoffman-Marquard Machine Co., 1523 N. B'way
Johnson Wm. C. & Sons, 513 N 2d
Manning, Maxwell & Moore, R'way Exchange
Nelson N. O. Mfg. Co., 10th & Chestnut
Rubelmann-Lucas Hardware Co., 1939 N B'way
Rumsey L. M. Co., 4372 Westminster
St. Louis Machinists Supply Co., 920 N B'way
Shapleigh Hardware Co., 4th & Washington av
Simmons Hardware Co., 9th & Spruce
Skinner Bros. Mfg. Co., 10th & Tyler
Sligo Iron Store Co., 6th & O'Fallon

NEBRASKA.

OMAHA—McGraw Co. (Jobbers)
Morton Jas. & Son Co.
Paxton & Gallagher Co.

NEW JERSEY.

NEWARK — Atha Tool Co. (Mechanics), ft of Chapel
Ludlow & Squier, 97 Market
Macknet & Doremus, 796 Broad
PASSAIC—New Jersey Engineering & Supply Co.
PATERSON—Mills H. W. & Co.
Myers Geo. A. & Co.
Quinn Bros.

NEW YORK.

BUFFALO—Beals, McCarthy & Rogers, 44 Terrace
Buffalo Wholesale Hardware Co., 317 Wshington
Fairbanks Co., 108 Pearl
Frasse Peter A. & Co., 50 Exchange,
See adv index at end of book
Manning, Maxwell & Moore, White bldg
Root, Neal & Co., 178 Main
Ruckel J. H. & Son, 81 Main
Walbridge & Co., 392 Main
Weed & Co., 95 Swan
JAMESTOWN—Clark Hardware Co.
NEWBURGH—Smith W. L.

Borough of Brooklyn.

BROOKLYN—Purvis & Shelton, 241 Plymouth
Wilfert Jno. Co., 490 Bushwick av

Boroughs of Manhattan and Bronx.

NEW YORK—Beggs James & Co., 30 Warren *See adv index at end of book*
Backer Machine Tool Supply Co., 39 Cortlandt
Behringer Edw. A., 98 Park pl.
Brewster Wm. & Co., 30 Church
Chatwin Alfred Supply Co., 401 Broome
Dixon Wm. (Fine Tools & Supplies of All Kinds), 39 John
Donegan & Swift, 6 Murray
Du Bois F. N. & Co., 247 9th av
Fairbanks Co., 416 Broome
Flint & Chester, 237 Lafayette
Fox Bros. & Co., 126 Lafayette
Frasse Peter A. & Co. (Inc.), 417 Canal
Hammacher, Schlemmer & Co., 133 4th av
Hussey, McCann & Co., 87 Warren
Leonard & McCoy, 161 Wash'n
Manning, Maxwell & Moore, 119 W 40th
Montgomery & Co., 105 Fulton
Patterson, Gottfried & Hunter, 149 Lafayette
Prentiss Henry & Company, Inc., 149 Broadway
Rogers H. A. Co., 87 Walker
See adv index at end of book
Strong Machinery & Supply Co., 292-294 Church
See adv index at end of book
Westerburg C. H. & Co., Inc., 9 West Broadway
(End of New York City)

ROCHESTER—Haverstick & Co. (Jobbers), 66H Exchange
SYRACUSE—Syracuse Supply Co.
Wood C. H. Company
UTICA—Dent M. F. Co., 7 Blandina

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
Textile Mill Supply Co.

OHIO.

CINCINNATI—Boebinger Hardware Co., 315 E Pearl
Kinsey E. A. Co. (Drills, Lathes, Shapers, etc), 331 W 4th
Morris Machine Tool Co., Court & Harriet
Motch & Merryweather Machy. Co., First Nat'l Bank bldg
Pickering Hardware Co., 5th C. Main
Queen City Supply Co., Pearl & Elm
CLEVELAND—Bingham W. Co., 1278 W 9th
Cleveland Tool & Supply Co., 1427 W 6th
Fairmont Tool & Forging Co. ("Fairmount"), 10611 Quincy av
Luetkemeyer Co., 725 Superior av, N W
Manning, Maxwell & Moore, 518 Leader-News
Motch & Merryweather Machinery Co., 711 Lakeside av, N W
Pattison W. M. Supply Co., 777 Rockwell av
Republic Supply Co., 408H Frankfort av
Strong, Carlisle & Hammond Co., 336-344 Frankford av, N. W.
White Tool & Supply Co., 1313 W 6th
DAYTON—Larkin M. D. Supply Co.
Patterson Tool & Supply Co.
Weinman C. J. Co., 310 E 2d
HAMILTON—Hamilton Supply Co. (Fine Tools)
PORTSMOUTH—Hibbs Hardware Co.
SAINT MARYS—Jasperson Supply Co.
SPRINGFIELD—Springfield Hardware Co.

OREGON.

PORTLAND—Avery & Co., 48 3rd
Berger & Carter Co., 92 1st

PENNSYLVANIA.

CHESTER—Galey Hardware Co.
ERIE—Erie Mfg. & Supply Co.
PHILADELPHIA—Billany & Cochrane, 527 Commerce
Bond Chas. Co., 617 Arch
Fields Chas. J. & Sons, 633 Market
Fraser E. L., 141 N 3d
Girard Machine & Tool Co., 491 N 3d
Haddock Co. Inc., 343H N 3d
Hankey A. & Co., Bourse
Maddock & Co., 40 N 6th
Manning, Maxwell & Moore, Lincoln bldg
Murta, Appleton & Co., 12th & Sansom
O'Brien Machy Co., 119H N 3d
Powell, Clouds & Co., 602 Arch
Rainear C. J., & Co., 518 Arch
Sachs Wm. A., Germantown av & Girard
Sees & Faber Co., 2008 N Front
Shannon J. Jacob & Co., 1744 Market
Standard Supply & Equipment Co., N W cor Cherry & 15th
Toomey Frank, 127 N 3d
Walter's Wm. P. Sons, 1233 Market
PITTSBURGH—**COLONIAL SUPPLY CO.,** 217 Water
See adv index at end of book
Frick & Lindsay Co. (Dealers), Sandusky & Robinson
See adv index at end of book
Logan-Gregg Hardware Co., 121 9th
Machinists Supply Co., 324 3d av
Manning, Maxwell & Moore, Park bldg
Republic Supply Co. (Jobbers), 123 Water
Somers, Fitlar & Todd Co., 325 Water
Turnar Chas. A. (Fine Tools, etc), 3d av & Chancery
READING—Bright & Co. (Tools, etc.)
SCRANTON—Bittenbender Co.
Scranton Supply & Machy. Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Lewis & Bennett Hardware Co.

RHODE ISLAND.

PROVIDENCE—American Supply Co., 135 Washington
B. & H. Supply Co., 115 Mathewson

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.
GREENVILLE—Carolina Supply Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co. (Ornamental), Dept. H, Chattanooga, Tenn.
James Supply Co.
Magill Hardware Co.
KNOXVILLE—McClung C. M. & Co.
Tennessee Mill & Mine Supply Co.
MEMPHIS—Pidgeon-Thomas Iron Co.
NASHVILLE—Dale John P. Machy. Co.
Gray & Dudley Hardware Co.
Hermitage Hardware Co.
Keith, Simmons & Co.

MACHINISTS TOOLS & SUPPLIES—c't.

VIRGINIA.

NORFOLK—Atlantic Supply Co., Inc.
Empire Mach. & Supply Corp.
Southern Supply Co.
Taylor-Parker Co.
Walke . Henry Co.
RICHMOND—Baldwin & Brown, 1557 E Main
Frischkorn Hunter B., 801 E Cary
Lindsay J. L. (Inc.), 1321 E Main
McGraw Jas. (Inc.), 1442 E Main
Smith-Courtney Co.
Southern Railway Supply Co., 1323 E Main

WEST VIRGINIA.

CHARLESTON—Capitol City Supply Co.

WISCONSIN.

MILWAUKEE—Western Iron Stores Co., 145 W Water

9505— Mackintoshes

Anderson Raincoat Co., Trenton, N. J.
Chicago Rubber Clothing Co., Racine, Wis.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Goodrich B. F. Co. (Rubber), Akron, O.
Hamel Shoe Machinery Co., Dept. H, Bridgeport, Conn.
Hodgman Rubber Co., 8 W 40th, New York
National India Rubber Co., Bristol, R. I.
Pines Rubber Co., 148 39th, Brooklyn, N. Y.
Stoughton Rubber Co. ("Cravenette" Rain Coats), 130 Essex, Boston, Mass.

9505a— Magazines (Portable)

Atlas Powder Co., Wilmington, Del.
Giant Powder Co. Cons., San Francisco, Cal.

9505b— Magazines (Stationery)

Atlas Powder Co., 140 N. Broad, Phila., Pa.
Giant Powder Co. Cons., San Francisco, Cal.

9506—Magazines (Storage, Side-Walk & Portable)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Explosives Div. (For Storing Explosives), Wilmington, Del. *See adv index at end of book*
Hercules Powder Co., Wilmington, Del.
Littleford Bros., 444 E Pearl, Cincinnati, O.

9507— Magnalium

Crayen G. A. & Co. (Imported), 81 New, New York

9508— Magnesite

American Refractories Co., Union Arcade, Pittsburgh, Pa.
American Refractories Co. (Calcined, Dead Burned & Grain), Union Arcade bldg.
Campbell P. L. Co., 401 E 36th, New York
Federal Refractories Co. (Calcinated), Cleveland, O.
General Magnesite & Magnesia Co. (Calcined and Carbonated), Dept. H, Venango, Balfour & Kingston, Phila., Pa.
Hammill & Gillespie (Crude, Imp.), 240 Front, New York
Harbison-Walker Refractories Co. (Crude, Calcined, Dead Burned), Farmers' Bank bldg, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
INNIS, SPEIDEN & CO., Inc., (Calcined, Imported and Domestic), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.
National Sales & Trading Co., Cleveland, Ohio
Rex Plaster Co., Los Angeles, Cal.
Sonoma Magnesite Co., Humboldt Bank bldg, San Francisco, Cal.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Western Development Co., Pacific bldg, San Francisco, Cal.
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

9508a—Magnesium (Calcined)

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

ALEX. C. FERGUSSON JR.
SINCE 1892
DOMESTIC AND IMPORTED CHEMICALS—COLORS—OILS
WAREHOUSE STOCKS
474 CHESTNUT ST. PHILADELPHIA

Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Magnesite & Magnesia Co., Dept. H, Venango, Balfour & Kingston, Phila., Pa.
Harshaw Fuller & Goodwin, Elec. bldg, Cleveland, O.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Smith Alfred Ltd., 98 Park pl, New York
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.

9508b—Magnesium Carbonate

AMERICAN INSULATION CO., Roberts av & Stokely, Phila., Pa. *See adv index at end of book*
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O. *See adv index at end of book*
Dow Chemical Co., Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Magnesite & Magnesia Co., Dept. H, Venango, Balfour & Kingston, Phila., Pa.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Katzenbach & Bullock Co. (Imp.), 440 Washington, New York *See adv index at end of book*
Keasbey & Mattison Co., Ambler, Pa.
McKesson & Robbins (Imp.), 91 Fulton, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Sergeant E. M. Co., 15 E 26th, New York *See adv index at end of book*
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Vitro Manfg. Co., H, Bessemer bldg, Pittsburgh, Pa.
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.

9509— Magnesium Chloride

Dow Chemical Co., Midland, Mich.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Graselli Chemical Co., Cleveland, O.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Innis Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Utah Salduro Co., Salt Lake City, Utah

9509a—Magnesium Fluosilicate

Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

9509b— Magnesium (Metallic)

Aluminum Co. of America (Dealer), 2400 Oliver bldg, Pittsburgh, Pa.
Norton Laboratories, Inc., Lockport, N. Y.

9509c— Magnetium (Oxide)

Cooper Chas. & Co., 194 Worth, New York
Foote Mineral Co., 107 N 19th, Phila, Pa.
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Katzenbach and Bullock Co., 100 William, New York
Keasbey and Mattson Co., Ambler, Pa.
Schapper Chemical Co., 192 N Clark, Chicago, Ill.
Stresen Reuter and Hancock, Inc., 122 So. Michigan av., Chicago, Ill.
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

9509d—*Magnesium (Salicylate)

Heyden Chemical Works, 135 William, New York

9509e— Magnesium Sulphate

Dow Chemical Co., Midland, Mich.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Vitro Manfg. Co. (Epsom Salts), H, Bessemer bldg, Pittsburgh, Pa.

9509f—Magnetic Testing Apparatus

HOLZ & CO. INC., ("Magnet Meters"), 18 Madison av, New York *See adv index at end of book*

9509g— Magnetizers

Simplex Magneto Co., Inc., 1790 B'way, New York
Valley Electric Co., 3157H S Kingshighway, St. Louis, Mo.

9510— Magneto Parts

Climax Motor Devices (Magnet & Generator Couplings, 5209 Prospect av, Cleveland, O.
H. & L. Mfg. Co. (Platinum & Tungsten), 300 B'way, New York
Magneto Parts Co. (Attachments), 1790 B'way, New York
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Otter Mfg. Co., Inc., 243 W 17th, New York
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Magnetos (Ignition)

See Igniters, Gas & Gasoline Engine

9511— Magnetos (Telephone)

Chicago Telephone Supply Co., Elkhart, Ind.
Ericson Mfg. Co. ("Berling"), Buffalo, N. Y.

9512— *Magnetos (Testing)

Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Valley Electric Co., 3157H S Kingshighway, St. Louis, Mo.

9512a— *Magnets (Conveyor)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*

9513— Magnets (Electro)

Acme Wire Co. ("Varley Duplex"), New Haven, Conn.
American Electrical Works, Phillipsdale, R. I.
Ansonia Electrical Co., Ansonia, Conn.
Atlanta Utility Works (Oil Mill & Fertilizer), East Point, Ga.
Atlas Laboratory Equipment Bureau (Horse Shoe), 731 N Wells, Chicago, Ill.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO. (Lifting), Cleveland, O. *See adv index at end of book*
Glaenzer & Co. (Imp.), 33 W 34th, New York
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Magnetic Mfg. Co., 279 23rd av, Milwaukee, Wis. *See adv index at end of book*
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.

9513a—*Magnets (High Intensity)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis. *See adv index at end of book*

9514— Magnets (Lifting)

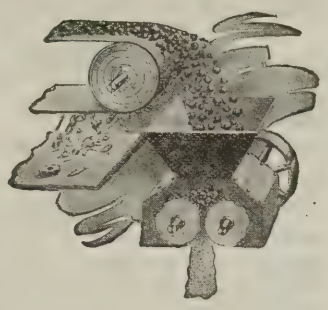
CUTLER-HAMMER MFG. CO., 12th & St Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Industrial Works, Bay City, Mich.
K. & B. Co. (Hand), 497 N 3rd, Phila, Pa.
King Elec. & Mfg. Co., Cleveland, O.
Magnetic Mfg. Co., 279 23rd av, Milwaukee, Wis. *See adv index at end of book*
Ohio Electric & Controller Co. ("Ohio"), 5900 Maurice av, Cleveland, O. *See adv index at end of book*

OHIO MILL TYPE LIFTING MAGNETS
NO BOLTS OR NUTS EXPOSED TO INJURY
ALL ELECTRIC JOINTS BRAZE-WELDED
ALL COIL INSULATION IMPREGNATED ASBESTOS
WRITE FOR BULLETIN NO. 104
THE OHIO ELECTRIC & CONTROLLER CO.
5900 MAURICE AVE. CLEVELAND, OHIO.

9515— Magnets (Permanent)

H. Boker & Co., Inc. (Imported), 101 Duane, New York
Esterline Co., Indianapolis, Ind.
Indiana Steel Products Co., 127 N Peoria, Chicago, Ill.
Lindenberg Steel Co., 90 West, New York
STROMBERG-CARLSON TELEPHONE MFG. CO., 1050 University av, Rochester, N. Y.
Utica Fire Alarm Telegraph Co., Utica, N. Y.

APPARATUS FOR TESTING MAGNET STEEL AND PERMANENT MAGNETS
Latest Improved Types
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We build magnetic separators for every kind of service to which such machines are adapted. It is our exclusive business. Our aim has been to develop this particular class of machinery to the highest possible degree of perfection.
We maintain a laboratory for the purpose of testing and treating ores and in this manner are able to determine the proper type of separator.
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DINGS MAGNETIC SEPARATOR CO.
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BRANCHES { New York—52 Vanderbilt Ave. Detroit—805 Hammond Bldg.
Denver—1718 California Street Richmond—1905 E. Main Street

9516— *Magnets (Safety)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis.
See adv index at end of book
Magnetic Mfg. Co., 279 23rd av, Milwaukee, Wis. *See adv index at end of book*

9517— Magnets (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Doyle-Dacosta Mfg. Co., Easton, Pa.

9517a—*Magnets (Standard & Special)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
See adv index at end of book.

9518— Magnifiers

Bausch & Lomb Optical Co., Rochester, N. Y.
Glogau & Co., Great Lakes bldg, Chicago, Ill.

9519—Mail Catchers (Railway)

Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Taylor & Boggis Foundry Co., Cleveland, Ohio

9520—Mail Chutes for Buildings

American Mailing Device Corp. (U. S. Mail Chutes), 103 Park av, New York
CUTLER MAIL CHUTE CO., Rochester, N. Y. New York Shop, 161 Washington

9521—Mailing Devices (Combination Letter and Parcel)

Ames Bag Machine Co., 5606H Euclid av, Cleveland, O.
Bemis Bro. Bag Co. ("Two-In-One"), 601H S 4th, St. Louis, Mo.
Letter-Pack-It-System ("Letter-Pack-It" Envelopes), Detroit, Mich.
Shuman Frank G. Co., ("At-tach-it"), 216H N Clinton, Chicago, Ill.

Mailing Machines

See Addressing & Mailing Machines

9522— Malachite Green

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Commonwealth Chemical Corp., 15 Park Row, New York
Cosmic Aniline Works, Inc., 8 W B'way, N. Y.
Dicks David Co., Inc., Varick & No Moore, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Gum & Mica Co., 59th & 11th av., N. Y.
Stubner Chemical Works, Inc., Elizabeth, N. J.
Wetterwald & Pfister Co., 276 Spring, New York
Williamsburg Chemical Co., 230 Morgan av, B'klyn, N. Y.

9523— Mallets (Calking)

Drew C. & Co., Kingston, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Union Hardware Co., Torrington, Conn.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

9524— Mallets (Carpenters, Printers, Tinners, Yard)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Newton Falls Mfg. Co. (Carpenters') Newton Falls, O.

9524a—*Mallets (For Machinists & Metal Workers)

O'Neil J. H. Jr., Pawtucket, R. I.

9525— Mallets (Lignumvitae)

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
O'Neill J. H. Jr., Pawtucket, R. I.
Seib Bros. Co., 96-100 Boyd av, Jersey City, N. J.
Stossel Carl Sons & Co., Front Royal, Va.
Strock L. W. & Co. (& Hickory), Bethlehem, Pa.

9526— Mallets (Rawhide)

Brockton Mallet Co. ("Goddard's"), Brockton, Mass.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Holbrook Raw Hide Co., 748 N Main, Providence, R. I.
United Awl & Needle Co. (Rawhide Faces), West Medway, Mass.

9527— Mallets (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Continental Rubber Works, Erie, Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Manhattan Rubber Mfg. Co., Passaic, N. J.
National India Rubber Co., Bristol, R. I.
Newton Falls Mfg. Co., Newton Falls, O.
New York Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, N. Y.

9528— Mallets (Wooden)

American Woodworking Co., 19 Warren, New York
Bernz Otto, 17-37 Ashland W, Newark, N. J.
Bogert & Hopper Inc. (For Carpenters, Printers, Tinners, etc.), 57 Barclay, New York. *See adv index at end of book*
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Delphos Mfg. Co. (Tinners', etc), 1st & Pierce, Delphos, O.
Dickinson C. W. Co., Ypsilanti, Mich.
Economy Drawing Table & Mfg. Co., Adrian, Mich.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Hellenberg J. B. Co. (For Stone Cutters, Carpenters, Tinners, etc), Coldwater, Mich.
Kohaut John C., 117 Green, Newark, N. J.
Newton Falls Mfg. Co., Newton Falls, O.
New York Mallet & Handle Works, 743 E 11th, New York
O'Neil J. H. Jr. (Hickory), Pawtucket.
Osborne C. S. & Co. (Dogwood & Lignumvite), Box 183 Newark, N. J.
See adv index at end of book
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Prouty C. & Co. (All Kinds), Eldred, Pa.
Redlich Mfg. Co. (also Rubber Forced), 637-647 W Oak, Chicago, Ill.
Richardi & Bechtold, Bellaire, Mich.
Sommer John Faucet Co., 30 Morris av, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Stevenson Mfg. Co. (Miniature), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stossel Carl Sons & Co., Front Royal, Va.
Strock L. W. & Co., Bethlehem, Pa.
Union Hardware Co., Torrington, Conn.

9529—Malt & Ice House Builders

Galland-Henning Mfg. Co., 97 Wisconsin, Milwaukee, Wis.
Phoenix Iron Co., 22 S 15th, Phila., Pa.
Saladin Pneumatic Malting Construction Co., 643 Wellington av, Chicago, Ill.

9530— Mandrels

See also Arbors

Adams Co. (Stove Pipe), Dubuque, Ia.
Alert Tool Co. (Roller), 237 N 6th, Phila, Pa.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cruben Machine & Steel Corp., 63 Duane, N. Y.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Disston Henry & Sons, Tacony, Phila., Pa.
Freeman Mfg. Co. (Mandrel Sets), Racine, Wis.
Gisholt Machine Co., Madison, Wis.
Jersey City Machine Co. (Shell Tools), 113 Plymouth, Jersey City, N. J.
Maryland Auto-Products Corp. ("Folk" Bearing), Hagerstown, Md.
Morse Twist Drill & Machine Co. ("Morse") (with Expanding Sleeve), New Bedford, Mass.
New Haven Sherardizing Co. (Zinc Alloyed Sherardized), Hartford, Conn.
Noges B. B. Co. ("Little Giant"), Greenfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co., Hartford, Conn.
Quin Roy D. (Tube Splicing), Willoughby, Ohio
Rogers Jno. M. Works, Gloucester City, N. J.
Smith H. B. Machine Co., Smithville, N. J.
Up-To-Date Tool Co., 81 Wareham, Boston, 18, Mass.
See adv index at end of book
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

Mandrels (Blacksmiths')

See Mandrels or Cones, Blacksmiths

9531— Mandrels (Expanding)

See also Arbors

Hannifin Mfg. Co. ("Hannifin" to Order Only), 621 S Kolmar av, Chicago, Ill.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
Le Count Wm. G., South Norwalk, Conn.
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Manufacturers Equipment Co., Waller av & Fillmore, Chicago, Ill.
NICHOLSON W. H. & CO. (Lathe), Wilkes-Barre, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Western Tool & Mfg. Co. ("Champion"), Springfield, O.

9532— Mandrels (Hardened & Ground)

Standard Tool Co., 6700 Central av, Cleveland, O.
Up-To-Date Tool Co., 81 Wareham, Boston, 18, Mass.
See adv index at end of book

9533— Mandrels (Hub)

Defiance Machine Works, Defiance, O.

9534— Mandrels or Cones (Blacksmiths')

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.

9535— Mandrels (Saw)

American Woodworking Machy. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Disston Hy. & Sons, Tacony, Phila., Pa.
Fay J. A. & Egan Co., Cincinnati, O.
Hoe R. & Co., 506 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Ireland Machine & Foundry Co., Norwich, N. Y.
Janney & Co., Montgomery, Ala.
Lippert E. T. Saw Co., Millvale, Pa.
Mobile Stove & Pulley Mfg Co., Mobile, Ala.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co., Chagrin Falls, O.
Reed Hardware & Mfg. Co., Cairo, Ill.
Simonds Mfg. Co., 470 Main, Fitchburg, Mass. *See adv index at end of book*
Smith H. B. Machine Co., Smithville, N. J.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Southern Saw Works (Circular Saw), East Point, Ga.
Union Iron Works, Bangor, Me.
Wheland Co., East Point, Chattanooga, Tenn.

Mandrels (Taper)

See Mandrels

9536— Manganese

American Alloys Co., American bldg, Baltimore, Md.
Bauer Philip Co. (Imported), 25 W B'way, New York
Binswanger H. P., 7 W 16th, New York
CHRYSTAL CHAS. B. (Oxide, Borate, Resinate Recovered, Imp), 13 Cliff, New York. *See adv index at end of book*
Cooper Chas. & Co., 194 Worth, New York
Doggett Stanley, 11 Cliff, New York
Feuchtwanger L. & Co. (Salts), 74 Cortlandt, New York
Hardy Chas. Inc. (Broker), Park Row bldg, New York
Harshaw, Fuller & Goodwin Co. (Boats, Resinate pole and sulphate), Cleveland, Ohio
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lamson John S. & Bro. (Imptrs. & Dirs.), 347 Madison av, New York
Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.
McKesson & Robbins (Imp), 91 Fulton, New York
Metal & Thermit Corp., 120 B'way, New York
Mitsui & Co. (Imp), 45 B'way, New York
National Paint & Manganese Co. (Miners & Grinder), Lynchburg, Va.
Pennsylvania Salt Mfg. Co. (Salt), Widener bldg, Phila., Pa.
Powers-Weightman Rosengarten Co. (Salts), 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Chloride, Oxide, Sulphate, etc.), 709 6th av, New York
SAMUEL FRANK, Harrison bldg, Phila, Pa. *See adv index at end of book*
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book
Seaboard Steel & Manganese Corp. (Pig), Temple, Pa.
Staley's Creek Manganese & Iron Co., Marion, Va.
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Wiarda Jno. C. & Co. (Oxide Salts), 273 Greene, Brooklyn, N. Y.

9536a— Manganese Borate

Cooper Chas. & Co., 194H Worth, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Meyer J. & Sons, Bourse bldg, Phila., Pa.

9536b— *Manganese-Boron

Metal & Thermit Corp., 120 B'way, New York

9537—Manganese Bronze (Parsons')

Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.

9537a—Manganese Carbonate

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin, Elec bldg., Cleveland, O.
Meyer J. & Sons, Bourse bldg, Phila., Pa.

9537b— Manganese Chloride

Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.

9538— Manganese Dioxide

American Alloys Co., American bldg, Baltimore, Md.
Foote Mineral Co., 107 N 19th, Phila., Pa.
General Commercial Co., Ltd., of U. S. (Imp.), 295 B'way, New York
Hardy Chas., Inc. (broker), Park Row bldg, New York
Harshaw, Fuller & Goodwin, Elec bldg, Cleveland, O.

9538a—Manganese Linoleate

Harshaw, Fuller & Goodwin, Elec bldg, Cleveland, O.

9539— Manganese Metal

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Vanadium Corp. of Am., Equitable bldg, New York

9539a— *Manganese (Ores)

FOOTE MINERAL CO., 107 N 19th, Phila., Pa.
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Meyer J. & Sons, Bourse bldg, Phila., Pa.
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.

Manganese Oxide

(See Oxide of Manganese)

9539b—Manganese Peroxide

American Metal Co., 61 B'way, New York
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Lavino E. J. & Co. (Imp), Bullitt bldg, Phila., Pa.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*

9539c—*Manganese (Recovered)

Schapper Chemical Co., 192 N Clark, Chicago, Ill.

9539d—Manganese Resinate

Harshaw, Fuller & Goodwin, Elec bldg, Cleveland, O.
National Oil Products Co., Harrison, N. J.
Scheel Wm. H., 159 Maiden Lane, New York *See adv index at end of book*

9540—Manganese Steel Repair Parts

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Taylor-Wharton Iron & Steel Co. ("Tisco"), High Bridge, N. J.

9541—Manganese Steel Track Work

See also Frogs, Switches & Crossings

AMERICAN FROG & SWITCH CO. Hamilton, O.
See adv index at end of book
Barbour Stockwell Co., Cambridge, Mass.
Bethlehem Steel Co. ("Manard"), South Bethlehem, Pa.
Cleveland Frog & Crossing Co. ("C. F. C. & Co."), 6917 Bessemer av, Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
Frog-Switch & Mfg. Co., Carlisle, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book.*
Indianapolis Switch & Frog Co., Springfield, Ohio
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
WHARTON WM. JR. & CO., Inc. (For Electric, Steam & Industrial Railways), Easton, Pa.

9541a—Manganese Sulphate

Harshaw, Fuller & Goodwin, Elec bldg, Cleveland, O.
Hummel & Robinson, 26 Cortland, New York

9541b—*Manganese (Titanium)

Metal & Thermit Corp., 120 B'way, New York

9542— Mangers (Feed)

Cowmatic Corp. ("Cowmatic"), Lynchburg, Va.
Londen Machinery Co., Fairfield, Iowa
Mullins Mfg. Co., Brillion, Wis.
Rockford Steel Fixture Co. ("Warren" All Steel Sanitary), Rockford, Ill.
Sanitary Co. (Iron), Linfield, Pa.
West Bend Barn Equipment Co., West Bend, Wis.

Mangles (Ironing)

See Laundry Machinery

9543— Manheads, Yokes, Etc. (Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co. ("Roe"), Pottstown, Pa.
Lukens Steel Co. ("Best Yet"), Coatesville, Pa.

Manholes (Flanged)

See Boiler Flue Holes & Manholes, Flanged

9543a— Manholes (Ship)

Thacher Propeller & Foundry Corp., Albany, N. Y.

9544— Manicure Sets

Acme Manicure & Novelty Co. (In Roll Ups), 200 5th av, New York
Artistic Novelty Co., 312 7th av, New York
Bates, C. J. & Son, Chester, Conn.
Bens Wm. Co. (Sterling Silver), 7 Beverly, Providence, R. I.
Bergner Fred & Co., Paca & Cross, Baltimore, Md.
Boker Cutlery & Hdwe Co. Inc. ("Tree Brand," Imported), 101 Duane, New York
Celluloid Co. (Celluloid), 36 Washington pl, New York
DU PONT E. I. de NEMOURS & CO. INC. Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Effbee Company, 306 S Franklin, Chicago, Ill.
Florin, Philip, 465 Broome, New York
Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York
Havell Mfg. Co., 284 Washington, Newark, N. J.
Henkel Co., Fremont, Ohio
Jennings Silver Co., Irvington, N. J.
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Manicure Novelty Mfg. Co., 49 E 21st, New York
Pacific Novelty Co. (Ivory "Elpho"), 41 E 11th, New York
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Requa Mfg. Co., 1193 Atlantic av, Brooklyn, N. Y.
Ross Jos. & Co., Irvington, N. J.
Saart Bros Co. (Sterling Silver Mounted), Attleboro, Mass.
Schimper Wm. & Co. (and Fittings), 332-338 Ferry, Hoboken, N. J., & 33 Union Sq. W, New York
Schnefel Bros., 684 So 17th St., Newark, N. J.
Sperry & Alexander Co., 79 Chamber, New York
Ulery U. J. Co. ("Clauss"), 258 Broadway New York
United Novelty Co. Lancaster, Pa.
U. S. Specialty Co. ("Allwon" Buffer Sets), Middletown, Conn.
Yale Novelty Co. (French Ivory), Leominster, Mass.

9544a— Manicure Sets (Cased)

Arlington Works, The (E. I. du Pont de Nemours & Co.), Wilmington, Del.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

9545— Manifolds

Ajax Auto & Aero Sheet Metal Co. (M. W. Meyer), 245 W. 55th, New York
American Tube Bending Co. (Made from Brass, Copper & Steel Tubing), New Haven, Conn.
Atlas Copper & Brass Mfg. Co. (Steel), 2734 High, Chicago, Ill.
See adv index at end of book
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Fiat Metal Mfg. Co. (Ignition), 223 W Huron, Chicago, Ill.
Hershey Machine & Foundry Co., Manheim, Pa.
Koven L. O. & Bro. (Exhaust), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Standard Metalwork Co. (For Airplane & Automobile Engines), Thompsonville, Conn.
Sweet & Doyle Fdry & Mach. Co. (For Automobiles), Dept. H, Green Island, N. Y.
Wolverine Tube Co. (Brass & Copper), 1411H Central, Detroit, Mich.

9546— Manometers

Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.
Precision Scientific Co., 820-822 S Tripp av, Chicago, Ill.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

9547—*Mantel, Grate & Tile Dealers

JACKSON EDWIN A. & BRO., (Inc.) (The "Jackson" Ventilating Grate, Mantels, Tiles, Fireplaces, etc.), 50 Beekman, New York
See adv index at end of book

9548— Mantels (Brick)

Fallston Fire Clay Co., Oliver bldg, Pittsburgh, Pa.

EDWIN A. JACKSON & BRO. Inc.

50 Beekman Street, New York,

MANUFACTURERS OF

Mantels, Grates, Franklin Stoves, Dampers, Andirons, Spark Screens and All Kinds of Fireplace Fixtures.

Fiske & Co. ("Tapestry"), 30 Franklin, Boston, Mass.
Hydraulic-Press Brick Co., ("Hy-tex"), National Bank bldg, St. Louis, Mo.
Lorenzen Chas. F. & Co., 521 W Monroe, Chicago, Ill.
Los Angeles Pressed Brick Co. (Or Tile), Los Angeles, Cal.
Phila. & Boston Face Brick Co., 155 Milk, Boston, Mass.
Shape Brick Co., 3952 14th av, Seattle, Wash.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.

Mantels (Faience)

See Architectural Faience

Mantels (Marble)

See Marble Interior Work

9549—Mantels (Marbleized Iron)

Bridgeford Co., Louisvelle, Ky.
Kentucky Stove Co., Louisville, Ky.

9550—Mantels (Marbleized Slate)

Criterion Slate Co., Hydeville, Vt.
Excelsior Slate Co., Pen Argyle, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
O'Day Bros., Hydeville, Vt.

9551— Mantels (Mosaic)

Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Hawes & Dodd, 59 E Adams, Chicago, Ill.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Tiffany Studios, 361 Madison av, New York
Von Gerichten Art Glass Co., 557 So High, Columbus, O.

Mantels (Onyx)

See Onyx Workers

9552— Mantels (Slate)

See also Slate Mill Stock; also Mantels, Marbleized Slate

American Slate Co., Easton, Pa.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hahn Granville, Walnut Port, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Jackson Wm. H. Company, 2 W 47th, New York
Monson Maine Slate Co., 112 Water, Boston, Mass.
Penrhyn Slate Co., Hydeville, Vt.

Mantels (Terra Cotta)

See Terra Cotta, Architectural

9553— Mantels (Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Arnold & North, 124 E 41st, New York
Atkin C. B. Co. (Whol.), Knoxville, Tenn.
Bering Mfg. Co. (Whol. Mfrs.), Houston, Tex.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Brockway-Smith Corp. (Whol.), 98 Canal, Boston, Mass.
Capitol Lumber Co., Indianapolis, Ind.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Geo. H. Co., 43 Beverly, Boston, Mass.
Chas. F. Lorenzen & Co., 521 W Monroe, Chicago, Ill.
Chicago Millwork Supply Co. (whol mfrs), 1404 W 37th, Chicago, Ill.
Columbia Mantel Co. (Whol.), Louisville, Ky.
Cumberland Sash & Door Co. (Whol. Mfrs.), Cumberland, Md.
Curtis Bros. & Co. (Whol. Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (Whol.), Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.
Dawson Bros. (Wholesale Mfrs.), 523 N Halstead, Chicago, Ill.
Dixon Lumber & Millwork Co., Weldon, N. C.
East Tennessee Woodworking Co., Morristown, Tenn.
Enterprise Planing Mill Co., Hillsboro, O.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Forest City Furn. Co. (Whol.), Rockford, Ill.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.
Hegan-Magruder Co., Louisville, Ky.
Hornet Mantel Co., 1112 Market, St. Louis, Mo.
Hyde-Murphy Co., Ridgeway, Pa.
Ironton Wood Mantel Co., Ironton, O.
Irving & Casson, 573 Boylston, Boston, Mass.
JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
Jamestown Mantel Co., Falconer, N. Y.
Kertscher & Co., Elmira, N. Y.
Knoxville Furn. Co. (Whol.), Knoxville, Tenn.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Messer Joh. J. Co., 457 Central av, Newark, N. J.
Moline Furniture Works, Moline, Ill.
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.
Munson & Johnson, Jamestown, N. Y.
Nalle & Co. (Whol. Mfrs.), Austin, Tex.
National Mantel Co., McKeesport, Pa.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
Newark Mantel Co., 59 Poinier, Newark, N. J.
Ornamental Woodworking Co., Springfield, Mass.
Ostendorf W. G., 2923 N Broad, Phila., Pa.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Paine Lumber Co. (Ltd.), (Whol. Mfrs.), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Pottier & Stymus Co., 375 Lex. av, New York
Quincy Show Case Works, Quincy, Ill.
Richmond Wood Working Co., Richmond, Va.
Riggs Cypress Co. (Ltd.), (Wholesale Mfrs.), Patterson, La.
Smith, T. G. & Sons, Topeka, Kansas.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Steul & Thuman Co., 278 Johnson, Buffalo, N. Y.
Stuhlmiller Mantel Works (Wholesale Mfrs.), Buffalo, N. Y.
Taylor Wm. M. Mantel & Grate Co., 331 S High, Columbus, O.
Thauwald C. F. & Co., 1224 Harrison av Cincinnati, O.

9554— Mantles (Arc)

General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.

9555-6—Mantles (Incandescent Gas)

See also Burners, Incandescent Gas

Alter Light Co., 2307 Archer av, Chicago, Ill.
AMERICAN GAS MACHINE CO. INC., ("American" "Baby" "Ready-Lite" "No. One X"), Albert Lea, Minn., and 78 Reade, New York
Aurora Mantle & Lamp Co., Aurora, Ill
Best Light Co., 477 Second, N. E., Canton, O.
Block Gas Mantlé Co., Youngstown, O.
Block Co., Youngstown, O.
Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.
Coleman Lamp Co., Dept. H, Wichita, Kans.
Columbus Incandescent Mantle Co., Columbus, O.
Deutsch Chas. (Plain and Fancy Webbings), 177½ E 87th, New York
Eclipse Light Co. ("Rector," "Eclipse" & "Junior"), 583 Broadway, New New York
Erie Gas Mantle Mfg. Co., Erie, Pa.
General Gas Mantle Co. ("Humphrey"), Camden, N. J.
Harris Wood Fibre Mantle Co. ("Harris"), 1569 Columbus rd, N W, Cleveland, O.
Hickory Gas Mantle Mfg. Co., N W cor University & Griggs, St. Paul, Minn.
Hyatt-Wise Mfg. Co., Columbus, O.
Iron Clad Gas Mantle Co., Canton, O.
Liberty Incandescent Light Co., 7 Chatham sq, New York
Lindsay Light Co., 161 E Grand av, Chicago, Ill.
Mantle Lamp Co., 609-611 West Lake, Chicago, Ill.
New Process Gas Mantle Co. 27 Bank, Phila., Pa.
Paragon Light Co., 141 Locust, Buffalo, N. Y.
Peerless Light Co. ("Flexo," "Peerless Indestructo"), 633 Washington, Chicago, Ill.
Phoenix Light Co., 525 Market, Milwaukee, Wis.
Smith F. A. Mfg. Co. ("Gasaver"), Rochester, N. Y.
Sunshine Mantle Co., Chanute, Kan.
Van Houten E. J. S., 96 Park pl, New York
Welsbach Gas Lamp Co. ("Welsbach"), 392 Canal, New York
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.

9557—Manufacturers' Distributors

American Sales Co., Explosives, Godchaux bldg, New Orleans, La.
Breslauer A. (Industrial Chemicals), American National Bank Bldg, San Francisco, Cal.
Crozier R. J. Co., North American bldg, Phila., Pa.
McLachlen John M., McLachlen bldg, Washington, D. C.
Small C. H., Monadnock bldg., Chicago, Ill.
VERBEEK HARRY CO., 200 N Wells, Chicago, Ill.
Zimmerman R. M. & J. L., 407 Bessemer bldg, Pittsburgh, Pa.

9558—Maple Sugar & Syrup Makers' Supplies

Bell C. S. Co., Hillsboro, O.
Champion Evaporator Co., Hudson, O.
Grimm G. H., Rutland, Vt.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Osborn J. M. & L. A. Co., Cleveland, O.

9559— Maps

Bradley Milton Co., Springfield, Mass.
Bridgman E. C., 61 Warren, New York
Bullard Co., 326 Bacon, Boston, Mass.
Clason Map Co. (Road Maps), Denver, Col.
Cram Geo F. Co., 107 N Market, Chicago, Ill.
Educational Exhibition Co., (& Graphic Charts), 26 Custom House, Providence, R. I.
Geographical Publishing Co., 621 Plymouth, Chicago, Ill.
Gugler Lithograph Co., Milwaukee, Wis.
Hammond C. S. & Co., 30 Church, New York
Hedenberg James W., 40 N Dearborn, Chicago, Ill.
Hyde E. Belcher, 97 Liberty, Brooklyn, N. Y.
Iliff John W. & Co. ("Iliffile"), 54 W. Lake, Chicago, Ill.
Indianapolis Blue Print & Supply Co. (Printers), Century bldg, Indianapolis, Ind.
Kenyon Printing & Engraving Co., Des Moines, Ia.
Lithograph & Mfg. Co. of U. S., 82 Duane, New York
Matthews, Northup Works, 177 Washington, Buffalo, N. Y.
Mendenhall C. S., Cincinnati, O.
National Map Co., Indianapolis, Ind.
Noll E. P. & Co., 21 N 7th, Phila., Pa.
Ogle Geo. A. & Co., 538 S Clark, Chicago, Ill.
Ohman Map Co., 258 B'way, New York
Rand-Avery Supply Co., 117 Franklin, Boston, Mass.
Rand McNally & Co., 538 S Clark, Chicago, Ill.
Sanborn Map Co., 11 B'way, New York
Scarborough Motor Guide Co., Indianapolis, Ind.
Smith J. L. Co., 27 S 6th, Phila., Pa.
Spaulding J. R. & Co., Boston, Mass.
Universal Co., 37 Barclay, New York
Walker Lithograph Publishing Co., 400 Newberry, Boston, Mass.
Williams Map & Guide Co., 325 Lafayette, New York
Woodward-Tierman Printing Co., 309 N 3d, St. Louis, Mo.

9560— Marble Altars

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Christa Marble Co., 1625 St. Aubin, Detroit, Mich.
Church Art Work Co., Mt. Vernon, N. Y.
Daprato Statuary Co., Scagliola & Rigalico Composition, 766 W Adams, Chicago, Ill. *See adv index at end of book*
Francini C., Lexington av & 35th, New York

MARBLE ALTARS—continued
Halgartner Marble Co., 223 N. Charles, Baltimore, Md.
Marthens Chester N. Marble Co., W 53rd & Wallace, Chicago, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Sibbel Jos., 214 E 26th, New York
Standard Marble Works, 706 Front, Cincinnati, O.
Theis' Peter Sons, 636 1st av, New York
Tiffany Studios, 361 Madison av, New York
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.

9561— Marble (Artificial)

Art Marble Co., 2608 Flournoy, Chicago, Ill.
ART STONE CO. (The "Artists" Process for Sale for Making Artificial Marble, Exterior and Interior, and Sanitary Flooring, Decorative Concrete, Building, Trim for Porch Work, etc.), 52 N Patomic av, Waynesboro, Pa.
California Scagliola Co., San Francisco, Cal.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Coast Art Marble Co., 68 Clara, San Francisco, Cal.
Cousins H. A. Co., 524 W 25th, New York
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Klee-Thomson Co., 327 E 40th, New York
Scagliola Mfg. Co., 255 Lexington av, New York
Stone Products Co., Muskegon, Mich.

9562— Marble (Basseville)

Jackson C. D. & Co., (Imp), 140th & Locust av, New York
Maute J. & Sons, 23 Kane, Buffalo, N. Y.

9563— Marble (Carrara)

Jackson C. D. & Co., (Imp), 140th & Locust, New York
Schlichter P. M. & W., 636 1st av, New York
Tompkins Kiel Marble Co., 505 5th av, New York

9564—Marble (Colored, Foreign)

Jackson C. D. & Co., (Imp), 140th & Locust, New York
Tompkins Kiel Marble Co., 505 5th av, New York

Marble Columns (Artificial)

See Marble, Artificial

9565—Marble Columns (Monolithic)

Schlichter P. M. & W., 636 1st av, New York

9566—Marble, Crushed (Graded)

Conlin & Co., Tuckahoe, N. Y.
Kapailo Mfg. Co., Inc., 103 Park av, New York
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.

9567— Marble Dust Mfrs.

Conlin & Co., Tuckahoe, N. Y.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Hammill & Gillespie (Jobbers), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Higginson Mfg. Co., Newburg, N. Y.
Hoosac Marble Co., North Adams, Mass.
Jackson C. D. & Co., 140th & Locust av, New York
Kapailo Mfg. Co., Inc., 103 Park av, New York
King J. B. & Co., 17 State, New York
McIlvaine Bros. (For Builders' Use, Soap Makers & Granulated for Filtering, etc), 1500 Hamilton, Phila., Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
Ohio Marble Co., Piqua, O.
Peoria Stone & Marble Works, Peoria, Ill.
Rutland Fire Clay Co. ("Rutland," Pulverized), Rutland, Vt.
Tompkins Kiel Marble Co., 505 5th av, New York
White Marble & Terrazzo Co., Lee, Mass.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York

Marble Electric Work

See Marble Interior Work

9568— Marble Exterior Work

Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Beaver Dam Marble Co., Gunther bldg, Baltimore, Md.
Blue Ridge Marble Co. (Georgia Marble), Nelson, Ga.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Bradley Wm. & Son, Vernon av, Long Island City, N. Y.
Buckeye Marble Co., Hamilton, O.
Georgia Marble Co. ("Cherokee," "Creole," "Etowah," "Amicalola," "Spring White," "White Southern"), Tate, Ga.
Georgia Marble Finishing Works, Canton, Ga.
Gray Wm. & Sons Co., 30 bl Walnut, Philadelphia, Pa..
Norcross Bros. Co., 10 E Worcester, Worcester, Mass.
Rullman & Wilson, Lafayette E of Mt. Royal, Baltimore, Md.
Sisson Hugh & Sons, 21 N Liberty, Baltimore, Md.
Vermont Marble Co., Proctor, Vt.
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La

Marble Flour

See Marble Dust

9569— Marble for Terrazzo

Cardiff Green Marble Co. (Granito), Cardiff, Md.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Traitel Marble Co., Webster av & E. R. Long Island City, N. Y.
Whitestone Marble Co. (Whitestone Granito), Atlanta, Ga.
Willingham Stone Co. (White Granito), Healey bldg, Atlanta, Ga.

9570— Marble (Greek)

Jackson C. D. & Co. (Imp.), 140th & Locust av, New York

9571— Marble (Green)

Cardiff Green Marble Co., Cardiff, Md.
Jackson C. D. & Co., 140th & Locust av, New York
Schweyer Henry A., Co. ("Sylvan Green"), Easton, Pa.
Tompkins Kiel Marble Co., 505 5th av, New York
Westfield Marble & Sandstone Co., Westfield, Mass.

9572— Marble Importers

See also Marble, Wholesale

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Evans Marble Co., Ranstead Wharf, Baltimore, Md.
Fenn C. E. & Co., 38 S Dearborn, Chicago, Ill.
Francini C., Lexington av & 35th, New York
Hilgartner Marble Co., 223 N Charles, Baltimore, Md.
Jackson C. D. & Co., 140th & Locust av, New York
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
Pisani Bros., 315 Vernon av, Astoria, New York
Schlichter P. M. & W. (German & Italian), 636 1st av, New York
Standard Marble Wks, 706 Front, Cincinnati, O.
Taber & Co., 1 Hudson, New York
Tompkins Kiel Marble Co., 505 5th av, New York
Townsend, Townsend & Co., 453 W 21st, New York

9573—Marble Importers (Italian)

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Jackson C. D. & Co., 140th & Locust av, New York
Pisani Bros., 315 Vernon av, Astoria, L. I., New York
Schlichter P. M. & W., 636 1st av, New York
Tompkins Kiel Marble Co., 505 5th av, New York

9574—Marble Interior Work

See also Plumbers' Marble Work; also Marble Producers

American Mosaic & Tile Co., Louisville, Ky.
Andres Stone & Marble Co., Keefe av & Richards, Milwaukee, Wis.
Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Blue Ridge Marble Co. (Georgia & Tenn. Marble Only), Nelson, Ga.
Bowker, Torrey Co., 180 Granite, Boston, Mass.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Bradley Wm. & Son, Vernon av., Long Island City, N. Y.
Buckeye Marble Co., Hamilton, O.
Buess Wm., 312 E 95th, New York
Cascio S. (Counter Work, Plumbers' Work Marble Top Table, Tiling, etc.), 1259 Flushing av, Brooklyn, N. Y.
Central Mosaic & Tile Co., Memphis, Tenn.
Christa Marble Co., 1625 St. Aubin, Detroit, Mich.
Columbia Marble Co., 268 Market, San Francisco, Cal.
Columbia Marble Co., 17th & Missouri, San Francisco, Cal.
Cork & Zicha Marble Co., 813 Vernon av, Long Island City, N. Y.
Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*
Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.
Eckhardt Monumental Co., Toledo, O.
Ellin, Kitson & Co., Madison av & 34th, New York
Eschmann B. & J., 412 E 37th, New York
Evans Marble Co., Ranstead Wharif, Baltimore, Md.
Francini C., Lexington av & 35th, New York
Georgia Marble Co. ("Cherokee," "Creole," "Etowah," "Amicalola," "Spring White," "White Southern"), Tate, Ga.
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Gray Chas M. Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.
Gray Wm. & Sons Co., 30th bl Walnut, Philadelphia, Pa.
Hilgartner Marble Co., 233 N Charles, Baltimore, Md.
Huber Victor Marble & Granite Co., Scott & St. Louis, New Orleans, La.
Jacoby & Son Co., 2025 Market, Phila., Pa.
Kemlein & Leahy, Onyx, Long Island City, N. Y.
Klaber S. & Co., 21 W 39th, New York
Lautz Missouri Marble Co., Carthage, Mo.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Marthens Chester N. Marble Co., W 53d & Wallace, Chicago, Ill.
Millgard D. & Co., Colfax, Wash.
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
National Mosaic Co., 333 Pennsylvania av, Washington, D. C.
Naughton Marble Co., 64 W Grand, Chicago, Ill.
Nelson N. O. Marble Co., Edwardsville, Ill.
Norcross Marble Co., Harvard & Jennings rd, Cleveland, O.
Northwestern Marble & Tile Co., 27th av & 27th, Minneapolis, Minn.
Pelli Alexander & Co., 509 E 120th, New York
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Ravenswood Co., Ravenswood, L. I., N. Y.
Reeves Marble Co., Atlanta, Ga.
Schlichter P. M. & W., 636 1st av, New York
Shipway John H. & Bro., Locust av & 136th, New York
Sisson Hugh & Sons, 21 N Liberty, Baltimore, Md.
Standard Marble Works, 706 Front, Cincinnati, O.
Theis' Peter Sons, 636 1st av, New York
Toscani John L. Co., 930 E 178th, New York
Traitel Marble Co., Webster av, Long Island City, N. Y.
Voska, Foelsch & Sidio, 61 Mills, Astoria, L. I., N. Y.
Wege Marble & Tile Co., Central National Bank bldg, Columbus, O.
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.
Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.
White Marble & Terrazzo Co., Lee, Mass.

Marble Mosaic

See Mosaics, Floor

Marble Mosaic Cube Importers

See Mosaic Cube Importers, Etc.

Marble (Plumbers')

See Plumbers' Marble Work

9575— Marble Producers

CALIFORNIA.

LOS ANGELES—American Carrara Marble Co.
SAN FRANCISCO—Columbia Marble Co., 268 Market

GEORGIA.

ATLANTA — Atlanta Marble & Granite Works.
Whitestone Marble Co. Quarries: Whitestone, Ga.
BALL GROUND—Consumers Marble Co.
Roberts Monument Co.
CANTON—Coggins Marble Co.
Continental Marble & Granite Co.
Georgia Marble Finishing Works
COLUMBUS — Elledge & Norman Marble Co.
MARIETTA—McNeel Marble Co.
NELSON—Blue Ridge Marble Co.
TATE—Georgia Marble Co. ("Cherokee," "Creole," "Kennesaw," "Etowah," "Silver Gray")
WHITESTONE—Whitestone Marble Co.

ILLINOIS.

CHICAGO—Garden City Sand Co.; Chamber of Comm. bldg

MARYLAND.

BALTIMORE—Beaver Dam Marble Co., Gunther bldg. Quarries, Cockeysville, Md.
Evans Marble Co., Ranstead Wharf
Sisson Hugh & Sons, 21 N Liberty

MASSACHUSETTS.

LEE—Gross W. H.
Lee Marble Works
White Marble & Terrazzo Co.
WESTFIELD—Westfield Marble & Sandstone Co.
WEST STOCKBRIDGE—West Stockbridge Marble Works

MICHIGAN.

DETROIT—Christa Marble Co., 1625 St. Aubin

MISSOURI.

CARTHAGE—Carthage Marble Works
Carthage Marble & White Lime Co. (See St. Louis)
Carthage Quarry Co.
Carthage Stone Co.
Carthage Superior Marble & Limestone Co.
Consolidated Marble & Stone Co.
Kellogg Marble Co.
Lautz Missouri Marble Co.
Spring River Stone Co.
KANSAS CITY—Phenix Marble Co., 19th & Olive
ST. LOUIS—Bradbury Marble Co., 4165 Duncan
Carthage Marble & White Lime Co., Chouteau & Vendeventer av

NEW YORK.

BINGHAMTON—Lauder, Isaac & Son
CARTHAGE—Crooks & McLean Co.
GLEN FALLS—Finch, Pruyn & Co., Inc., (Black)
GOUVERNEUR—Gouverneur Marble Co.
Scholton D. G. (Wholesale)
St. Lawrence Quarries
Sullivan John J.
NEW YORK—Batterson & Eisele, 101 Park av
Norcross Bros. Co. (Georgia, Tuckahoe & Vermont), 103 Park av
Tassini & Tassini, 64 Mangin

OHIO.

HAMILTON—Buckeye Marble Co.
Standard Marble Works, 706 W Front

PENNSYLVANIA.

CORRY—Starr Granite & Marble Wks.
KING OF PRUSSIA—Schweyer Henry A. Co. (Blue & Dark Blue)
Schweyer Henry A. Co. ("Sylvan Green"). Quarries: Easton, Pa.
PHILADELPHIA—Peverley Bros., 1215 Filbert
WEST GROVE—Penna. Marble & Granite Co.

SOUTH CAROLINA.

SPARTANSBURG — Southern Marble & Granite Co.

TENNESSEE.

KNOXVILLE—Appalachian Marble Co. (Havlin Pink, Silver Gray, Dark Chocolate, Roseal, Dark Stainette Variegated)
Asbury Marble Co. ("Gray Eagle")
Cedar Bluff Marble Co.
Craig Jno. J. Co.
Cumberland Marble Mill Co.
EVANS MARBLE CO.
Fenton Construction Co.
Gray Eagle Marble Co. ("Gray Eagle")
Ross J. M.
Ross & Republic Marble Co. ("Royal")
Tennessee Producers' Marble Co. (Dark Cedar, McMullen Gray & Bond Pink)
Victoria Marble Co. ("Victoria Pink," "Victoria Gray")

VERMONT.

BRANDON—Middlebury Marble Co.
BURLINGTON—Goodell Granite & Marble Co.
LEICESTER JUNCTION—Brandon Lime & Marble Co.
MANCHESTER CENTER—Bebee Wm. G.
PROCTOR—Vermont Marble Co.
RUTLAND—United Marble Companies
SWANTON—Barney Marble Works
WEST RUTLAND—Clarendon Marble Co.

VIRGINIA.

RICHMOND—Wray Andrew J., 328 S Cherry

9576-7—Marble (Rosso Antico)

Jackson C. D. & Co., (Imp.), 140th & Locust av, New York

Marble Sawing Machines

See Stone Sawing Machines

9578— Marble (Serpentine)

Tompkins Kiel Marble Co., 505 5th av, New York
Westfield Marble & Sandstone Co. (Black & Green), Westfield, Mass.

9579— Marble Statuary

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Church Art Work Co., Mt. Vernon, N. Y.
Daprato Statuary Co. (Metal & Composition), 766 W Adams
See adv index at end of book
Francini C., Lexington av & 35th, New York

9580— Marble (Terrazzo)

Tompkins Kiel Marble Co., 505 5th av, New York

9581— Marble (Tinos)

Jackson C. D. & Co. (Imp), 140th & Locust av, New York
Mesker Geo. L. & Co., Evansville, Ind.

9582—Marble (Vert D'Estours)

Jackson C. D. & Co. (Imp), 140th & Locust av, New York

9583— Marble (Wholesale)

See also Marble Importers

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Bradbury Marble Co. (Georgia, etc), 4165 Duncan, St. Louis, Mo.
Carthage Marble & White Lime Co. (Georgia & Tennessee), Chouteau & Vendeventer avs, St. Louis, Mo.
Evans Marble Co., Ranstead Wharf, Baltimore, Md.
Fenn C. E. & Co., 38 S Dearborn, Chicago, Ill.
Hilgartner Marble Co., 223 N Charles, Baltimore, Md.
Jackson C. D. & Co. (Imp.), 140th & Locust av, New York
Pisani Bros., 815 Vernon av, Astoria (Borough of Queens, New York)
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
Schlichter P. M. & W., 636 1st av, New York
Taber & Co., 1 Hudson, New York
Temple Bros., Rutland, Vt.
Tompkins Keil Marble Co. ("Eastman's," Cream, Green & White), 505 5th av, New York
Vermont Marble Co., Proctor, Vt.

9584-5— Marbles (Playing)

Akro Agate Co., Clarksburg, W. Va.
Allbright J. E. Co., Ravenna, O.
Christensen M. F. & Son, Akron, Ohio
Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.
Standard Toy Marble Co (Toy Marbles), Akron, Ohio
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Murphy Timothy Iron Works, Jacksonville, Fla.

9586—Marine Railway Builders

Crandall Engineering Co. (For Dry Docks) 102 Border, E. B., Boston, Mass.
Devney H. J., Ashtabula, O.
Laird & Sons, Ashtabula, O.
Mead-Morrison Mfg. Co., corner Prescott & Orleans, East Boston, Mass.
New London Marine & Iron Works, New London, Conn.

Marine Railways

See Dry Docks & Marine Railways

9587-8—Markers (Button & Button Hole)

Firsching Jos. A., Utica, N. Y.

Markers (Center)

See Punches, Center

9589— Markers (Clap-Board)

Goodell-Pratt Co., Greenfield, Mass.
Smith Otis A., Rockfall, Conn.
Stanley Rule & Level Co., New Britain, Conn.

9590—Markers (Engine & Tail)

Handlan-Buck Mfg. Co. ("Handlan"), 210-214 N 3rd, St. Louis, Mo.

9591—Markers (Poultry, Cattle Etc.)

Cadwallader Thos. ("Champion" Leg Bands), Salem, O.
Dana C. H. (Ear Tags), West Lebanon, N. H.
Keyes-Davies Co. Ltd. (Car Tags), Battle Creek, Mich.
Wilcox & Harvey (Car Tags), 564-572 W Randolph, Chicago, Ill.

9592— Markers (Stock)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stearns E. C. & Co. (For Punching Live Stock), 450 Oneida, Syracuse, N. Y.

9593— Marline (Tarred)

See also Twines

American Mfg. Co., Noble & West, B'klyn, N. Y.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Hanover Cordage Co., Hanover, Pa.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.

9594— Marquises

American Luxfer Prism Co., 1305 S 55th, Chicago, Ill.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Cincinnati Mfg Co., Cincinnati, O.
Cornell Iron Works, 26th & 11th av, New York
Duluth Corrugating & Roofing Co., Duluth, Minn.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Fiske J. W. Iron Works, 111 Park pl, New York
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Flour City Ornamental Iron Co., 27th st & 27th av, Minneapolis, Minn.
Gorham Co. Arch'l Bronze (Bronze), 5th av & 36th, New York
Halsted Jos. Co., 1233 W Randolph, Chicago
Henry-Bonnard Bronze Co. (Bronze & Iron), 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
International Steel & Iron Co., Evansville, Ind.
Jackson Wm. H. Company (Iron & Bronze), 2 W 47th, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Mack Iron & Wire Wks., Sandusky, O.
Mesker Geo. L. & Co., Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co. ("Millcor" All Metal), Milwaukee, Wis.
Pitt Wm. R. Composite Iron Wks., (Iron & Glass), 548 W 27th, New York
Remppis W. F. Iron Works, 226 & 236 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 135 E 53d, Cleveland, O.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Schrieber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourne av, Chicago, Ill.
See adv index at end of book
Smyser, Royer Co., York, Pa.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Tiffany Studios, 361 Madison av, New York
TYLER W. S. CO., Marquises, Cleveland, O. *See adv index at end of book*
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Wells Architectural Iron Co., River av & 151st, New York
West Side Structural Co., Troy, N. Y.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wis. Iron & Wire Wks. (Cast & Wrought Iron), 1660 Booth, Milwaukee, Wis.

9594a—Martingale Rings (Loops & Dies)

Rubber & Celluloid Products Co. (Celluloid), 56 Ferry, Newark, N. J.

9595— Mashers (Potato)

A. & J. Mfg. Co. ("A. & J."), Binghamton, N. Y.
Browne & Dowd Mfg. Co. ("Rapid," Masher & Beater), Meriden, Conn.
Cassady Fairbank Mfg. Co. (Perforated, "Buckeye," Wire Spring, etc), 6126 S La Salle, Chicago, Ill.
Estes E. B. & Con, 364 5th av, New York
See adv index at end of book
Goodell Co., Antrim, N. H.
Grey Iron Foundry Co., Reading, Pa.
Hamblin & Russell Mfg. Co. ("Crown," etc, Wire), Worcester, Mass.
Minerva Hardware Mfg. Co. ("3-in-1"), Minerva, O.
Parker Wire Goods Co. (Wire, Wood Handle), Worcester, Mass.
Prouty C. & Co., Eldred, Pa.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Taplin Mfg. Co., New Britain, Conn.
Timberlake J. B. & Sons (Steel Wire), Jackson, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wire Woods Co. (Wire), Worcester, Mass
Woods-Sherwood Co. (Wire, Wood Handle), Worcester, Mass.

9596—Mashers (Potato, Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Chapman-Sargent Co., Piqua, O.
Peirce W. E. & Co., Milford, N. H.

MASHES (POTATO, WOODEN), continued
Richardi & Bechtold, Bellaire, Mich.
Sommer John Faucet Co., 30 Morris av, Newark, N. J.

9596a—Masks (Acid or Gas)

American La France Fire Engine Co., Inc., Elmira, N. Y.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York.
Siebe Gorman & Co. Ltd., Monadnock bldg, Chicago, Ill.
Multi-Metal Co., 251 W 19th, New York

9797-8— Masks (Base Ball)

Chicago Sporting Goods Mfg. Co., 211 N. Carpenter, Chicago, Ill.
Draper Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Hamblin & Russell Mfg. Co. ("H. & R."), Worcester, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
King Julius Optical Co., 10 Maiden Lane, New York
Parker Wire Goods Co. (Steel Wire), Worcester, Mass.
Peach J. A. ("Peach," Electrically Welded), Gloversville, N. Y.
Rawlings Mfg. Co. ("Rawlings"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Phila., Pa.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.
Victor Sporting Goods Co., Springfield, Mass.
Walker C. S. & Co. ("Quick & Easy"), 656 W 12th, Erie, Pa.
Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.

Masons' Leads

See Plumb Bobs

Masons' Lines

See Chalk & Masons' Lines

Masons & Builders

See Contractors, Building & General

9599—Masons' & Builders' Materials

For Manufacturers, Consult Index of Contents for Specific Article Required

ALABAMA.

ANNISTON—Paint, glass & Builders' Supply Co.
BESSEMER—Edwards G. B. Lumber Co.
BIRMINGHAM—Baldwin J. Frank
Barnet Lumber Co.
Carolina Portland Cement Co.
Kirkpatrick Sand & Cement Co.
ENSLEY—Byrum Hardware Co.
HUNTSVILLE—Booth A. M.
Huntsville Lumber & Mfg. Co.
LONGVIEW—Longview Lime Works
MOBILE—Mobile Coal Co.
MONTGOMERY—Alabama Lumber Co.
Montgomery Lime & Cement Co.
MOORE—Handley Hardware Co., Alabama
Southern Building Supply Co.
SHEFFIELD—Marks H.

ARIZONA.

DOUGLAS—Douglas Lumber Co.
PHOENIX—Ryder H. W.
TUCSON—Tucson Lumber Co.

ARKANSAS.

HELENA—Carvell Herman & Co.
JONESBORO—Barton Lbr. & Brick Co.
Stuck C. A. & Sons
LITTLE ROCK—Arkansas Brick & Mfg. Co.
Leiper G. A. & Co.
OLIVER—Thomas-Huycke Co.

CALIFORNIA.

ALAMEDA—Rhodes Jamieson Co.
BAKERSFIELD—Pioneer Mercantile Co.
BERKELEY—Foss F. W. Co.
DALY CITY—Smith Hugh H.
EUREKA—Bayside Lumber Co.
FRESNO—Pierce C. S. Lumber Co.
Valley Lumber Co.
LOS ANGELES—Ganahl C. Lumber Co.
Grand Canyon Lime & Cement Co.
PASADENA—Blinn L. W. Lumber Co.
Kerckhoff-Cuzner Lumber Co.
PETALUMA—Kahn A.
RED BLUFF—Holt & Gregg Co.
SACRAMENTO—Kreuzberger Bartle
SAN DIEGO—Bailey W. J. Co.
Schirm J. S. Commercial Co.
SAN FRANCISCO—Builders' Supply Depot, 42 Eighth
Cassaretto John, 345 Berry
Civic Center Supply Co., 603 Octavia
Cowell Henry Lime & Cement Co., 2 Market
Dolan Daniel J., 1643 Market
Fernald Co., 221 Tehama
Gillon Edward E., 3944 Geary
Holmes Lime & Cement Co., Postal Tel. bldg
Lennon James E. Lime & Cement Co., 352 Church
McNear Brick Agency, Monadnock bldg
Mushet W. E. Co., 502H Mission
Norris L. A. Co., 140 Townsend
Pacific Building Materials Co., 523 Market
Pacific Lime & Plaster Co., Monadnock bldg
Pacific Portland Cement Co., Cons'd Pacific bldg
United Materials Co., 618 Mission
Valley Lumber Co., 110 Market
Western Builders' Supply Co., 135 2d
Western Fuel Co., 430 California
Western Lime & Cement Co., Postal Telegraph bldg
SANTA ANA—Pendleton Lumber Co.
SANTA BARBARA—Union Mill Co.
SANTA ROSA—Berka F.
STOCKTON—Hammond & Yardley
WATSONVILLE—Pajaro Valley Mercantile Co.

COLORADO.

ASPEN—Tomkins Lewis H. Hardware Co.
DENVER—Barrows Geo. A. Lime Co.
Cement & Lime Products Co.
Colorado Lime & Fluxing Co., 321 McPhee
Fisher Francis J.
Flemming Bros. Lumber Co.
Hallack & Howard Lumber Co.
McPhee & McGinnity Co.
Rocky Mountain Fuel Co., Foster bldg
Threewit Benj. F.
LEADVILLE—Harvey John Fuel & Feed Co.
Williams Lumber Co.
PUEBLO—Newton Lumber & Investment Co.
RED CLIFF—Fleming Lumber & Merc Co.
ROCKY FORD—English R. W. Lumber Co.
TRINIDAD—Davis O. L. Lumber Co.

CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.
BRIDGEPORT—Burns Co.
Hannan F. H. Supply Co.
Miller Frank Lumber Co.
Silliman & Godfrey Co.
Wheeler & Howes
BRISTOL—Judd Coal Co.
Saxton & Strong
BROOKFIELD—New England Lime Co.
DANBURY—New England Lime Co.
Osborne A. C.
Peck-Burkett Lumber Co.
DANIELSON—Young Bros.
DERBY—Hollock F. Co.
GREENWICH—Brush Joseph
Maher Bros. Corp.
HARTFORD—Billings Sidewalk & Coal Co.
Putnam H. E.
JEWETT CITY—Chapman & Tripp
LAKEVILLE—Spurr E. W. Co
MERIDEN—Lines H. Wales Co.
Lyon & Billard Co.
MIDDLETOWN—Davis L. O. & E. S.
MILFORD—Smith D. E.
NEW BRITAIN—City Coal & Wood Co.
Damon W. L. Co.
Hibbard B. H. Co.
NEW CANAAN—Weed & Duryea Co.
NEW HAVEN—Conn. Adamant Plaster Co.
Howard Co.
Jordan Co.
New England Stone Co.
Warner-Miller Co.
NEW LONDON—Marquardt Bros.
NEW MILFORD—Beach C. M. Co.
Soule Turney
NORWALK—Bishop & Lymes
NORWICH—Chappel Edw. Co.
Peck, McWilliams & Co.
PORTLAND—Strong & Hale Lumber Co.
PUTNAM—Fox Jno. O. & Co.
Kinney Myron & Son
Wheaton Building Lumber Co.
ROCKVILLE—Hill Geo. W.
ROXBURY STATION—Hodge A. L. & Son
SEYMOUR—Beach A. Y.
Seymour Commercial Co.
SHELTON—Clark D. N.
SOUTHINGTON—Southington Lumber & Feed Co.
SOUTH NORWALK—Hatch & Bailey Co.
Hubbell, Hall & Randall Co.
Meeker Coal Co.
SOUTHPORT—Northrop Bros.
STAMFORD—Bounty A. E. Co.
Stamford Masons' Supply Co.
TORRINGTON—Hotchkiss Bros. Co.
Torrington Building Co., Inc.
WALLINGFORD—Gallagher Bros.
WATERBURY—Bergen E. & Sons
Chatfield Geo. S. Co.
Chatfield & Chatfield
Gaffney John W. & Son
McManus Edw.
Tracy Bros. Co.
WATERTOWN—Atwood C. W.
WILLIMANTIC—Hillhouse & Taylor
Lincoln & Boss Lumber & Coal Co.
Willimantic Lumber & Coal Co.
WINDSOR LOCKS—Bidwell F. S. Co.
WINSTED—Bronson Bros.
Burwell J. C.

DELAWARE.

GEORGETOWN—Thoroughgood Co.
NEW CASTLE—Eliason J. T. & L. E.
NEWPORT—Justis J. G. Co.
WILMINGTON—Conly Bros.
Pyle Victor R. Co.
Warner Chas. Co. (Lime Mfrs., Wholesale & Retail), I. O. O. F. bldg.

DISTRICT OF COLUMBIA.

WASHINGTON—Barker Geo. M., 649 New York av, N W
Cranford Paving Co., 2620 E, N W
Hartig Louis 1001 7th N W
Hughes Geo. J. & William, 2124 Eye NW
National Mortar Co., 101 M, N E
Pennsylvania Bldg. Supply Co., 2124 Eye NW
Rosslyn Steel & Cement Co., Woodward bldg

FLORIDA.

DAYTONA—Maley R. S.
EAU GAILLE—East Coast Lumber & Supply Co.
GAINESVILLE—Baird Hdw. Co.
JACKSONVILLE—Baker & Holmes Co.
Cameron & Barkley, 338H E Bay
Carolina Portland Cement Co.
Gill & Mulholland
Jacksonville Concrete Products Co., 630 Riverside av
Logan Coal & Supply Co.
Marshall & Spencer Co.
KEY WEST—Curry's Wm. Sons Co.
MIAMI—McDonald J. A. Co.
Tower Hardware Co. (Sash, Door, Blind, etc.)
ORLANDO—Bumby Jos. Hardware Co.
PALATKA—Kennerly Hdw. Co.
Merryday Grocery Co.
PENSACOLA—Cary & Co.
ST. AUGUSTINE—Hamblen C. F.
TAMPA—Knight & Wall Co.
Phillips I. W. & Co.
WEST PALM BEACH—Dade Lumber Co.
Lainhart & Potter

GEORGIA.

ALBANY—Stokes W. A., 109H Pine
ATHENS—Athens Hardware Co.
ATLANTA—Carolina Portland Cement Co.
Kriegshaber V. H. & Son
Randall Bros. Peters bldg.
Sciple Sons
AUGUSTA—McDaniel A. H.
Peoples Lumber & Supply Co.
Toole W. B.
BRUNSWICK—Coney & Parker Co.
United Supply Co.
CARTERSVILLE—Ladd Lime & Stone Co.
CEDARTOWN—Hall & Barr
COLUMBUS—Beach Wm. Hardware Co.
Bush C. P. Hardware Co.
Cooper Lumber Co.
Dudley Sash, Door & Lumber Co.
Elledge & Norman Marble Co.
Harvey W. T. Lumber Co.
Philips Hdwe Co., Dept H.
COMER—Gholston Bros.
COMMERCE—Commerce Brick & Lumber Co.
CONYERS—Still W. R.
CORDELE—Cordele Sash, Door & Lumber Co.
Hutchinson Lumber & Supply Co.
CORNELIA—Ellard W. B.
CRAWFORDSVILLE—Golucke C. H. & Son
DALTON—Cherokee Mfg. Co.
Farrar Lbr. Co.
DAWSON—Shields-Geise Lumber Co.
FITZGERALD—Graham F. M. & Co.
FLOVILLA—Linch T. O.
HARTWELL—Alford D. C.
HAWKINSVILLE—Blount J. J.
LAWRENCEVILLE—Williams Lumber Co.
LITHONIA—Almond A. J.
McDONOUGH—Carmichael Lumber Co.
MACON—Builders' Lumber & Supply Co.
Burke T. C.
Central Mfg. Co.
Elder W. F. Lumber Co.
Massee & Felton Lbr. Co.
Willingham Sash & Door Co.
MANCHESTER—Corley J. P. Lumber Co.
MOUNTVILLE—Fuller J. D.
ROME—Marshall Mfg. Co.
ROYSTON—Jordan R. P. & Son
SASSER—Varner J. M.
SAVANNAH—Builders' Mutual Supply Co.
Bremer W. J.
Building Products Corp.
Butler J. G. Bldrs. Supply Co., 24 Congress W.
Chapman-Clark Co.
Gallaher Louis Co.
General Building Supply Co.
McNab-Grumsley Co. Inc.
Neal-Blun Co.
STATESBORO—Franklin A. J.
THOMASVILLE—Dillon J. W.
Evans & Son
THOMSON—Kendrick J. H. & M. B.
United Supply Co.
WARRENTON—Morris J. T.
WESTPOINT—Batson-Cook Co.
WINDER—Young W. E.
WOODSTOCK—Robertson J. T.

IDAHO.

BOISE—Ridenbaugh W. H.
IDAHO FALLS—National Park Lumber Co.

ILLINOIS.

ALEDO—Carroll Guy H.
ALTON—Miller Lime & Cement Co.
AURORA—Aucutt Bros.
Brown H. D. & Co.
Dalton J. D. & Son
Hanna & Todd
McCredie James
Seamans S. D.
White & Todd
BARRINGTON—Lageschulte & Hager
Lamey & Co.
BATAVIA—Alexander Lumber Co.
Barker W. P.
BEAVERVILLE—Lambert H. Co.
BELLEVILLE—Bien & Peters
Reeb Bros.
BELVIDERE—Wright O. H. & Co.
BEMENT—Wilkinson A. L. & Co.
BLOOMINGTON—Harwood W. S. Lumber & Coal Co.
Parker Bros.
White Sam'l R. Mfg. Co.
BUSHNELL—Simpson James C. & Co.
CAIRO—Halliday H. H.
Langan P. T. Lumber Co.
CARLINVILLE—Woodward C. T.
CARROLLTON—Widdowson J. M.
CARTHAGE—Helfrich N. J. & Co.
Lyon W. E. & Co.
CATLIN—Jones A. Sons
CHAMPAIGN—Stipes & Hecker
CHANDLERVILLE—Goodell Skiles Lumber Co.
CHARLESTON—Fuller Bros.
CHATSWORTH—Walter Geo. J.
CHICAGO—Artesian Stone & Lime Works Co., Grand & Campbell avs
Atlas Portland Cement Co. (Mfrs.), 134 N La Salle
Blocki-Brennan Refining Co., 11 N La Salle
Bonner & Marshall Brick Co., 133 W Washington
Calumet Coal & Teaming Co., 9022 Commercial av
Carpenter Geo. T. (Sewer Pipe, etc), 1001 S Karlov av
Chicago Fire Brick Co., 133 W Washington *See adv index at end of book*
Chicago Portland Cement Co. (Cement Mfrs.), 30 N La Salle
Chicago Union Lime Works Co., 1900 W 19th
Chicago & Oak Park Supply Co., 637 Desplaines av, Forest Park
Dee Wm. E Co. (Sewer Pipe), 30 N La Salle
Dolese & Shepard Co., 108 S La Salle
Druecker N. J. & Co., 2634 N Artesian av
Frerk Henry Sons, 3135 Belmont av
Garden City Sand Co., Chamber of Commerce bldg
Longwell Teaming & Storage Co., 2245 Lumber
Marblehead Lime Co., 159 N State
Meacham & Wright Brick Co. (Cement), 133 W Washington
Moustgaard M., 2016 N Kostner av
North West Material Co., 3690 Milwaukee, W
Richardson Sand Co., 6647 Ridge av
Rockwell Lime Co., 133 W Washington
Rosing Astrid S., 111 W Monroe
Standard Material Co., 607 W 66th
Stearns Lime & Stone Co., 160 W Randolph
Streeter Clip & Specialty Co., 4125-27 E Ravenswood av
Templeton Lime Co., 1019 N Homan av
Thomas Moulding Brick Co., 1203 Chamber of Commerce
Tobin T. M. & Bros. Co., 9326 S Chicago av
Universal Portland Cement Co. (Mfrs.), 208 S La Salle
Viall O. A., 11320 S Union av
Waukesha Lime & Stone Co., 1755 Monticello av
Williams N. A. Co. (Sewer Pipe, etc), 133 W Washington
Wisconsin Lime & Cement Co., 133 W Washington
CHICAGO HEIGHTS—Leising Jos. F. & Co.
CICERO—Cicero Fuel & Building Material Co.
CLINTON—Kent E. & Co.
DANVILLE—Danville Lime & Cement Co.
Hill Frank L.
Holden N. E.
Swisher S. P.
Trent Bros.
DECATUR—Decatur Bldrs.' Supply Co.
Decatur Lumber & Mfg. Co.
Lyon G. S. & Sons Lumber & Mfg. Co.
McGavic Lumber Co.
Macknet Dan. C.
Swisher L. Lumber Co.
DIXON—Wilbur Lumber Co.
EAST ST. LOUIS—Acme Cement Plaster Co., Weber & Southern R. R.
Flannery P. & Son, State & Belt Line
Hill-Thomas Lime & Cement Co.
EDWARDSVILLE—Hotz Lumber Co.
ELGIN—Adams Fred M.
Bosworth F. S. & Son
Geister Bros.
McBride T. & Son
El PASO—McKinney & Co.
EVANSTON—Evanston Bldg. Matl. Co.
Mathews Jas.
FAIRFIELD—Fairfield Lumber Co.
FLANAGAN—Litchfield Bros.
FREEPORT—Brubaker B. F.
FULTON—Snyder J. C.
GALESBURG—Hinchliff Lumber Co.
Simpson & McClure Lumber Co.
Terry W. E. Lumber Co.
GALVA—Houghton E. W. Lumber Co.
GRANITE CITY—Granite City Lime & Cement Co.
GRAYSLAKE—Wilbur F. C., Lumber Co.
GREENFIELD—Entrekin J. H.
GREENVIEW—Tripp Bros.
HAMPSHIRE—Kirchoff Bros.
HARVARD—Hall W. D.
Lake-Harris
HIGHLAND PARK—Middleton & Clark
HIGHWOOD—Highwood Mfg. Co.
HINCKLEY—Pogue Lumber Co.
HOOPESTON—Illinois Lumber, Grain & Coal Co.
HUME—Lyons Lumber Co.
JACKSONVILLE—Andrews Bros.
JOLIET—Buck Werden
Hayes A. W.
Patterson T. H. (Est. of)
KANKAKEE—Kankakee Tile & Brick Co.
Ruhle Christian
KEWANEE—Johnston Lumber Co.
KEYESPORT—Langham Wm.
LANARK—Wilbur Lumber Co.
LA SALLE—Elliott Hayden & Co.
Hunter, Stevens & Co.
LEMONT—Derby S. L.
LINCOLN—Spellman & Co.
LOAMI—Baker George W.
McLEAN—Dodgson L. P. & Son
MENDON—Nutt Walter J. Lumber Co.
METROPOLIS—Gibbons A. J.
MILFORD—Jones Bros.
MINONK—Kipp A. B. & Co.
MOLINE—Mueller Lumber Co.
Wood's Beder Sons Co.
MONMOUTH—McCullough Lumber & Coal Co.
MONTICELLO—Lodge W. F.
MORRISON—Potter M. H. & Sons
MOUNT CARROLL—Rhodes Bros.
MOUNT MORRIS—Clevidence A. E.
NASHVILLE—Weihe W. O.
NEWMAN—Thomas H. L.
NORTH CRYSTAL LAKE—Wilbur Lumber Co.
OAK PARK—Davis W. G. Coal Co.
Suburban Coal & Supply Co.
PARIS—Risser A. & Co.
Logan John A. & W. B.
Logan William S.
Propst Lumber Co.
PEKIN—Conklin Reuling Co.
Lampitt Ed. F.
PEORIA—Mackemer J. W. & Co.
Miller Jos. & Sons
Peoria Builders' Supply Co.
Peoria Fuel Co.
Wasson T. J.
PERU—Maze W. H. Co.
Zimmermann Christian & Co.
PONTIAC—Smith F. N.
PORT BYRON—Port Byron Lime Ass'n
PRINCETON—Davis & Hopkins Lumber Co.
QUINCY—Heidemann Lumber Co.
Meyer W. D.
Quincy Lumber Co.
ROCK FALLS—Johnston Lumber Co.
Smith & Grater
ROCKFORD—Bartlett A. L. Co.
Empire Coal & Coke Co.
Hart & Page
Parsons Lumber Co.
Rockford Builders' Supply Co.
Rockford Lumber & Fuel Co.
Safford G. N. & Co.
Skandia Coal & Lumber Co.
ROCK ISLAND—Mueller Lumber Co.
Port Byron Material & Fuel Co.
Rock Island Sand & Gravel Co.
SANDWICH—Lindner P. S. & Co.
Mosher & Castle
SPRINGFIELD—Irwin H. C.
Schuck J. H. & Son
Vredenburgh Peter Lumber Co.
STERLING—Dillon Moses Co.
Simpson J. C. & Co.
Stoeckle W. A.
STREATOR—Ames J. C. Lumber Co.
Anthony Mark
Schlachter Phillips, Jr.
Streator Lumber Co.
Williams Hardware Co., 113H Vermillion
SYCAMORE—Holcomb Bros.
North Side Lumber Co.
URBANA—Huff S. E. & Co.
Stipes & Hecker
UTICA—Utica Hydraulic Cement Co.
VERMILION—Hornberger J. A. & Son
WARREN—Taylor C. F.
WATERMAN—Pogue Lumber Co.
WHEATON—Sutcliffe's John Sons
Wheaton F. E. & Son
WOODLAND—Anderson James E.

INDIANA.

ALEXANDRIA—Brannum Lumber Co.
ANDERSON—Bailey J. W. & Co.
Vernon E. G. & Son
ANGOLA—Shank Daniel Lumber Co.
AUBURN—Auburn Lumber Co.
Brandon Lumber Co.
BLOOMINGTON—Bloomington Coal Co.
Hughes Bros. Co.
BOONVILLE—White C. P. Lumber Co.
BRAZIL—Halsted J. N. Lumber Co.
BROOK—Brook Building & Supply Co.
BROOKVILLE—Masters J. H. & Son
CARLISLE—Risinger Thomas S.
CICERO—Cicero Lumber Co.
COLUMBIA CITY—Kessler S. E.
COLUMBUS—Dunlap & Co.
Hege & Co.
CRAWFORDSVILLE—Binford Joseph & Sons
DECATUR—Kirsch, Sellemeyer & Sons Co.
EARL PARK—Wilbur Lumber Co. (See Milwaukee, Wis.)
EAST CHICAGO—Flack Bros.
ELKHART—Consumers Coal & Supply Co.
Godfrey B. C. & Sons
Sanders Coal Co.
ELWOOD—Winters Lumber Co.
EVANSVILLE—Baird's L. M. Sons
Lensing Bros.
Sonntag Geo. W.
FAIRMOUNT—Mercer, Brannun & Bevington Co.
FORT WAYNE—Baltes E. M. & Co.
Fort Wayne Builders' Supply Co.
Moellering's Wm. Sons
FRANKFORT—Archey Brant Coal Co.
Kramer Bros. Co.
Morris Wm. G. & Bro.
GOSHEN—Davis C. A. & Son
Neidig Chas. E.
GREENSBURG—Pulse & Porter
GUILFORD—Taylor T. S.
HAMLET—Dye Lumber Co.
HAMMOND—Beckman Supply Co.
Bieker Bros. Co.
City Fuel & Supply Co.
HEBRON—Wilson John
HOBART—Bash C. E. & Co.
Shearer & Emery
HUNTINGTON—Bash C. E. & Co.
Ohio & Western Lime Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania
Aldag F. W. Co., E Washington & Belt
Bennet W. S. & Co., 50th & Monon
Builders' Supply Corporation, 342 E Washington
Consolidated Indiana Coal Co., Merchants Bk. bldg.
Day W. Curtis, Fletcher Sav. & Trust bldg
Dell Frank M., S E cor Cruse & Southeastern av
Dunning Carl Supply Co.
General Builders Supply Co.
Goepper Fred, W Michigan & C. I. & W. R. R.
Indianapolis Coal Co., 234 Newton
Indianapolis Mortar & Fuel Co., 407 Odd Fellow
Irvington Coal & Lime Co., 5643 Bonna av, Irvington
Keeport A. B. & Co., N Senate av
Master Builders Co., Merchants Bank bldg
Meyer A. B. & Co., 17 N Penn
Vonnegut Hardware Co. (Roofing & Paper), 120 E Washington
Wilkinson Allen A. Lumber Co.
KNOX—Long-Thompson Co.
KOKOMO—Ellis Bros.
Tate Geo. D. & Son
LAFAYETTE—Lyman Harry B.
LA GRANGE—Stroup P. N. & Co.
LAPORTE—Moore & Richter Lumber Co.
Van Kirke John P.
Wilson W. Lumber Co.
LAWRENCEBURG—Barrott E. & Son
Lawrenceburg Lumber Co.
LEWISVILLE—Smith R. R. Sons
LINTON—Wilkinson Allen A. Lumber Co.
New Union Lumber Co.
LOGANSPORT—Barnes Jas. I.
Dilley Clinton L. Co.
Stalnaker W. S.
LOWELL—Wilbur Lumber Co.
MADISON—Miller W. H. & Sons
MARION—Byrd Lumber Co.
Contractors' Supply Co.
Marion Hardware Co.
Simpson William S.
Southall Geo. A. & Co.
MARTINSVILLE—Rutledge Hugh E.
MICHIGAN CITY—Gotto O. W.
Michigan City Lumber & Coal Co.
MISHAWAKA—Lowe Lbr. Co., H. S. Main bldg
MITCHELL—Mitchell Lime Co.
MONROE—Berne Lumber Co.
MORGANTOWN—Mitchell W. H.
MUNCIE—Holderfield Supply Co.
Muncie Builders' Supply Co.
NEW ALBANY—Slider E. T.
NEW HAVEN—New Haven Lumber & Supply Co.
NORTH LIBERTY—North Liberty Lumber & Coal Co.
NORTH VERNON—N. V. Lumber Co.
PERU—Goodall J. B. & Sons Co.
Peru Lumber Co.
Wilkinson Pomeroy
PETERSBURG—Drof Peter
PLYMOUTH—Morris C. L.
O'Keefe Lumber Co.
POSEYVILLE—Cushman W. D.
RENSSELAER—Day Hiram
Rensselaer Lumber Co.
RICHMOND—Hackman, Klehfoth & Co.
Jones Hardware Co.
Mather Bros. Co.
ROCHESTER—Barcus G. F.
ROCKFIELD—Van Gundy & Thomas
ROCKPORT—Partridge C. M. & W. A.

INDIANA—continued
ROCKVILLE—Dooley Hardware Co.
Roach Wm.
ROSEDALE—Ferguson & Hunt
SHELBYVILLE—Parrish J. O. Lumber Co.
SHERIDAN—Palmer George H.
SOUTH BEND—Defrees C. H.
Eckler Henry Mfg. Co.
Lontz S. C. & Sons
McErlain & Jackson Co.
Staples-Hildebrand Co.
SOUTH WHITLEY—Lee Geo.
SUMMITVILLE — Cartwright Thomas Edgar
TERRE HAUTE—Acme Coal & Lime Co.
Bray Bros.
Reiman Lime & Cement Co.
Hooley I. A. (Cement Contractors)
TOPEKA—Priest J. W.
UNION CITY—Fisher S. J.
Haselmire John J.
Interstate Building Material Co.
VALPARAISO—Dille & Harris
McFetrick Lumber & Coal Co.
VEVAY—Detraz Bros.
VINCENNES—Bosworth M. A. Lumber Co.
WABASH—Smith Hubbard Lumber Co.
Yarnelle Lumber & Coal Co.
WANATAH—Pash Martin
WARREN—Cline Lumber Co.
WINGATE—Hunter W. H.

IOWA.

ACKLEY—Frudden Lumber Co.
BURLINGTON—Berhard Mercer Co.
Phillips Lime & Coal Co.
Rand Lumber Co.
CEDAR RAPIDS—Fulkerson J. C.
Hawkeye Lumber & Coal Co.
Iowa Bldrs.' Supply Co., 730H Higley bldg.
Iowa Stone Co.
King's Crown Plaster Co.
Linn County Lumber & Coal Co.
CHARITON—Stewart G. J. & Co.
CHEROKEE—Weart & Lysaght Co.
CLARINDA—Richardson G. W.
COLUMBUS JUNCTION—Reaney & Eliason
COUNCIL BLUFFS—Bluffs City Lumber & Coal Co.
Hafer C. Lumber Co.
Hoagland Geo. A.
Quinn H. A. Lumber Co.
CRESTON—Green Bay Lumber Co.
DAVENPORT—Abel Lime & Cement Co.
Block W. G. Co.
Builders' Lime & Cement Co.
Davenport Granitoid Co.
Denger Fred
Interstate Material Co.
McCosh & Co.
Mueller Lumber Co.
Seiffert H. O. Lumber Co.
DES MOINES—Cram Frank & Sons
Des Moines Building Material Co.
Des Moines Fuel & Lime Co.
Green Bay Lumber Co.
Jewett Lumber Co.
FAIRFIELD—Cable G. W., Jr.
FORT DODGE—Conway Lumber Co.
Mason & O'Connell
Williams E. H. Lumber Co.
GRAND JUNCTION—Modern Constr. Co., Dept H.
IOWA CITY—Leinbaugh W. F.
IOWA FALLS—Miller-Lampert Co.
KEOKUK—Cameron's Jas. Sons
LE MARS—Moore M. A. Co.
LYONS—Disbraw M. A. & Co.
MARSHALLTOWN — Buchwald Chas. A. Lumber Co.
Citizens Lumber Co.
Gregory Coke Coal & Lime Co.
NEW HAMPTON—Bigelow, Donovan & Hettler
NEWTON—Jasper Lumber Co.
OSKALOOSA—Gilchrist M. D.
OTTUMWA—Tisdale Lumber Co.
SIOUX CITY—Everist L. C. Inc.
McNeil H. C. & Son
Webb Bros Co.
SPENCER—Floete Lumber Co.
WATERLOO—Bartlett & McFarlane
Bryant W. A. & Sons Co.
Canfield Lumber Co.
Chapman C. W. Lbr. Co.
Moore & Moore
Shepherd Lumber Co.
Waterloo Lbr. Co.
WEST UNION—Graham & Schenck

KANSAS.

ATCHISON—Carlisle-Pennel Lumber Co.
CLEBURNE—Toburen & Co.
ELLSWORTH—Lake Superior Lumber Co.
EMPORIA—Emporia Lumber & Coal Co.
FULTON—Fulton Lumber Co.
HAYS—Schwaller's C. Sons
HOLTON—Brown & Hedge
HUMBOLDT—Osborn J. H. Lumber Co.
HUTCHINSON—Hutchinson Lbr. & Planing Mill Co.
White L. J. Lbr. Co.
IOLA—Klein Paul
Northrup Lbr. Co.
JUNCTION CITY—Geary County Lumber Co.
Moses, Geo. C. & Son
KANSAS CITY—Badger Lumber Co.
Wyandotte Coal & Lime Co.
LEAVENWORTH—Geiger A. M. Cement Co.
McPHERSON—Lake Superior Lumber Co.
Sudendorf H. H.
NEWTON—Newton Lumber Co.
Swartz S. M. Lumber Co.
OBERLIN—Foster Lumber Co.
OLATHE—Hodge Bros.
OTTAWA—Halloren J. Lumber Co.
Harris M. R.
PARSONS—Clark & Bates Lumber Co.
PHILLIPSBURG—Smith Theo. & Son
SALINA—Eberhardt Lumber Co.
Leidigh & Havens Lumber Co.
Sudendorf H. H.
STERLING—Fair D. J. Lumber Co.
Quigley W. M.
TOPEKA—Capital City Vitrified Brick & Paving Co.
VALLEY FALLS—Legier, Mell & Son
WALTON—Moorhead A. R.
WAVERLY—Star Grain & Lumber Co.
WELLSVILLE—Star Grain & Lumber Co.
WICHITA—Turner J. H.

KENTUCKY.

ASHLAND—Ashland Cement Construction Co.
Ohio Valley Mill & Supply Co.
COVINGTON—Kenton Supply Co.
Spinks T. W. Co.
DAYTON—Walter Anton Supply Co.
GLASGOW—Dickinson Bros.
LEXINGTON—Des Cognets Louis & Co.
Hendricks-Moore Co.
Justice F. T. & Co.
LIVERMORE—Atherton G. W.
LONDON—London Mfg. Co.
LOUISVILLE—Bannon P. Pipe Co.
Kentucky Wall Plaster Co.
Union Cement & Lime Co.
MADISONVILLE—Ruby Lumber Co.
NEWPORT—Allen M. M. Supply Co.
OWENSBORO—Guenther Hardware Co.
PADUCAH—Barry & Henneberger
Katterjohn F. W. Cons. Co.
SHELBYVILLE—Gruber & Doss
Hall & Chowning
Hall & Crume
VANCEBURG—Cox John & Son
VERSAILLES—Berryman C. M.
Wooldridge Bros.

LOUISIANA.

BOGALUSA—Bogalusa Mill & Supply Co
BREAUX BRIDGE—Begnaud J. W.
BUNKIE—Haas W. D. & Co.
DONALDSONVILLE—Lemann B. & Bro.
HAMMOND—Spencer L. D.
JENNINGS—Clarke Chas. A.
LAFAYETTE—Mouton Lumber Co.
LECOMPTE—Wiley E. W., Jr.
MONROE—Monroe Grocer Co. (Ltd.)
Monroe Hardware Co., Ltd.
Southern Grocer Co. (Ltd.)
MORGAN CITY—Dalton Jno. Co. (Ltd.)
Loeb Leopold & Sons
NEW ORLEANS — Carolina Portland Cement Co., Clara & Erato
Clarke J. J. Co., Ltd., 1111 Julia
Crawford C. L. 423H Hibernia Bk. bldg.
Demourelle Jas. & Sons, 1035 Toulouse
Feitel Maurice, 3722 Tulane av
Ford F. Codman, 738 Union
Garnier Emile, 1601 N Robertson
Jahncke Service, Inc., 814 Howard
Judlin Peter, 2331 N Ramport
Kearny J. Watts & Sons, 514 S Peters
Kracke & Flanders Co., 319 Julia
Orleans Demolishing Supply Co., 411 W Ramport
Prados Henry J. & Son, 1426 Hospital
Roca Joseph V. Lumber & Hardware Co., 1533 Carondelet Wlk
Thompson Edward, 916 Thayer
Tupper Allen, 625 S Peters
Woodward, Wight & Co. Ltd., Howard av & Constance
Zimmermann Building Specialty Co., (Ltd.), 2131 Magazine
SHREVEPORT—Ardis & Co. (Ltd.)
Builders Supply Co.
Henderson W. K. Iron Works & Supply Co.
Hicks Co. (Ltd.)
Lee Hardware Co. (Ltd.)

MAINE.

AUGUSTA—Purinton Bros. Co.
BANGOR—Cassidy Jno. & Son
Dunning R. B. & Co.
Eastern Cement Co.
BATH—Nichols Read Co.
BELFAST—Cooper & Co.
BENTON STATION—Brown, J. E.
BIDDEFORD—Banks Bros.
BLUE HILL—Westcott W. B.
CAMDEN—Camden Lumber Co.
CUMBERLAND MILLS—Goff E. W.
HALLOWELL—Wingate Frank S.
LEWISTON—Hall & Knight Hardware Co.
Hayes J. L. & Co.
OLDTOWN—Dickey H. M.
Old Town Supply Co.
PORTLAND—Chase Charles S. Co.
ROCKLAND—Glover W. H. Co.
Spear F. R.
ROCKPORT—Bryant Edw. Co.
WATERVILLE—Flood Geo. S. & Co.
WESTBROOK—Brooks E. S.

MARYLAND.

ANNAPOLIS—Gardiner W. B. Co.
Martin C. W. Co.
Parlett & Partlett Co.
BALTIMORE—Bullock John S. Lime & Cement Co., Westwood & Whitmore av.
Bareckson Wm. M., 814 N Stricker
Eastern Supply Co., Phila. rd & 8th
Elenbrok Caroline, 2104 Fkd. av.
Franklin Contracting Co., 1504 W Saratoga
Gault Wm. A. & Son, 9 E Lexington
Green Robert S., 3232 Frkd. av ext
Hudson Cement & Supply Co., Westwood & Whitmore av.
Maryland Lime & Cement Co. (All Kinds), 443 S. Central av.
National Building Supply Co., North av & Oak
N. Eastern General Supply Co., 1001 N Patterson-Park av
Shemer S, 20H S Exter
Spengemann Bros., 304 N Central av
Sunner & Gerlach, 1401 N Regester
BEL AIR—McComas Bros.
BROOKLYN—Geis Jno. H. & Co.
EASTON—Dixon Robert B. & Co.
ELLICOTT CITY—Talbott E. A.
FREDERICK—Maryland Brick & Supply Co.
HAGERSTOWN—Cushwa Victor & Sons
LAUREL—Shaffer C. F. Lumber Co.
Waters Geo. W. Co.
WILLIAMSPORT—Cushwa Victor & Sons

MASSACHUSETTS.

ARLINGTON—Pierce & Winn Co.
ATHOL—Paige C. F. & Co.
ATTLEBORO—Ashley M. F. & Co.
Carpenter Coal & Lumber Co.
BEVERLY—Harrigan John J.
New England Fuel & Transportation Co.
BOSTON—Berry & Ferguson, 159 Devonshire
Boston Building Materials Co., 370 Albany
Bryant Edw. Co., 23 Central
Curtis & Pope Lumber Co., 774 Albany
Eastern Clay Goods Co., 141 Milk
Fiske & Co., 30 Franklin
Hannon F. J., 146 Summer
Harlow William H. & Sons, 95 Pierce
Lash A. F. Co., 25 D
Lewis D. W. Co., 120 Milk
Mullen W. B., 166 Devonshire
Norcross W. C. Co., 486 Albany
O'Connell J. P. & Co., 174 Freeport
Portland Stone Ware Co., 49 Federal
Ramsay John W., 161 Devonshire
Rockland & Rockport Lime Co., 45 Milk
Spiers Brick Co., 79 Milk
Starrett, Fields Co., 809 Mass. av
Stetson, Cutler & Co. (Lime), 70 Kilby
Waldo Bros. & Bond Co., 181 Congress
Weston W. M. Co., 120 Milk
Windsor Cement Co., 446 Albany
BROCKTON—Mitchell Isam & Co.
CAMBRIDGE—Clark Bros.
Mass. Lime & Cement Co.
CHELSEA—Chelsea Coal & Cement Co.
Phillips & Hodgdon
CLINTON—Fuller Wm. A.
DANVERS—Ropes Bros.
DEDHAM—Fisher, Churchill Co.
FALL RIVER—Borden, Guiney & Kendall Co.
Borden & Remington Co.
Neill J. O. Hardware Co.
Staples Coal Co.
Wilson Jas. H.
FITCHBURG—Dillon D. M. Steam Boiler Wks.
Fitchburg Hardware Co.
FRAMINGHAM—Framingham Coal Co.
Framingham Lumber Co.
Standard Coal Co.
Swan A. D.
FRANKLIN—Metcalf O. F. & Sons
GARDNER—Davis Hardware Co.
Favor Frank M.
GLOUCESTER—Cape Ann Lumber Co.
Griffin & Co.
Nauss L. B. Sons
HAVERHILL—Chase D. D. Lumber Co.
Taylor-Goodwin Co
HINGHAM—Kimball Geo. E.
Whitney Everett E.
HOLYOKE—Burnham C. G.
Lynch Bros. Brick Co.
O'Connell's D. Sons
Prentiss, Brooks & Co.
Ranger Casper Lumber Co.
HUDSON—Robertson & Larkin
HYDE PARK—Darling F. W. Co.
LAWRENCE—Gage G. L., 263 Common
Lawrence Lumber Co.
O'Mahoney M. Co.
Runnells O. E.
Theberge Bros.
Treat Hdw. & Supply Co.
LEE—Heaphy Wm. A.
LOWELL—Barton Cyrus
Bennett Jno. C.
Cawley Edward
Conners Bros. Co.
Mullin Jos.
Sherman-Moore Co.
Staples Bros.
Sullivan D. T.
Wilson E. A. & Co.
LUDLOW—Burr & Munsing
LYNN—Lamper J. B. & W. A.
Peoples Coal & Masons' Supply Co.
Whittredge W. C. & Co.
MALDEN—Jordan Lumber Co.
Kaulback W. S.
Locke Coal Co.
Malden City Lumber Co.
Neville Thos. J.

MARBLEHEAD—Martin J. S. Co.
MEDFORD—Cowin J. N. & Co.
MELROSE—Benson Coal Co.
Goss C. B. & F. H.
MILFORD—Curtiss Harold M. Coal Co.
NANTUCKET—Swain William T. & Co.
NATICK—Robinson & Jones Co.
Whitney E. & Co.
NEPONSET—(See Boston)
NEW BEDFORD—Denault Moses & T. Arthur
Greene & Wood
Paine S. S. & Bro.
Paisler & Willis
NEWTONVILLE—Nonantum Coal Co.
NORTH ADAMS—Burlingame & Darbys Co.
NORTHAMPTON—Bailey A.
Sullivan J. A. & Co.
ORANGE—Orange Hdw. Co.
Potter A. D.
PALMER—Flynt Building & Construction Co.
PITTSFIELD—Gamwell C. C.
Howard Frank
PLYMOUTH—Atwood Anthony
Atwood-Robbins Lumber Co.
Sampson Ernest L.
PROVINCETOWN—Days F. A. & Sons
Dyer B. H. & Co.
QUINCY—Crane F. H. & Sons
Richards A. J. & Son
READING—Bancroft, Wendell & Co.
ROCKLAND—Culver A. Co.
SALEM—Langmaid J. P. & Sons, 311 Derby
Waters & Brown
SHELBURNE FALLS—Newell H. & Co.
SOMERVILLE—Highland Coal Co.
Sparrow E. S. & Co.
SOUTHBRIDGE—Winter G. C.
SPRINGFIELD—Puffer H. C. Co.
Shea T.
Springfield Contractors' Supply Co.
TAUNTON—Presbrey Stove Lining Co.
Sanders Lumber Co.
Staples Coal Co.
TURNERS FALLS—Webster F. I.
UXBRIDGE—Harris William M.
WAKEFIELD—Curley Bros.
Fendel H. A.
Knox W. E.
WALTHAM—Buttrick Lumber Co.
Carney J. Coal Co.
Waltham Coal Co.
WAREHAM—Greer Edwin K.
Gurney Ansel S. & Co.
WATERTOWN—Pevear W. L. & Co.
Watertown Lumber Co.
WESTFIELD—Gladwin & Lane
Mahoney P. J.
WEST NEWTON—Eddy C. F. Co.
WEST STOCKBRIDGE—Grangers Lime Co.
New England Lime Co.
Tobey Lime Co.
WINCHESTER—Blanchard George W. & Co.
WOBURN—Barker Lumber Co.
WORCESTER—Marsh B. F. Co.
Powers Frank E. Co.
Smith, Green Co.
Streeter & Sons Co.

MICHIGAN.

ADRIAN—Matthes Bros.
Stevenson F. A.
ALBION—Gibbs & Sanders
ANN ARBOR—Rohde W. H. L.
BANGOR—Broadwell William M.
BATTLE CREEK—Kirkpatrick W. J.
Stiles I. H.
BAY CITY—Chute Coal & Supply Co.
Williams A. S. & Co.
BENTON HARBOR—Robbins W. P.
BESSEMER—Hansen Cornelius
BIG RAPIDS—Sloss Wm. J. & Son
BRIGHTON—Hyne F. T. & Son
CARO—Van Tine G. N.
CARSON CITY—Rockafellow Grain Co.
CASSOPOLIS—Hayden W. B. & Sons Co.
COLDWATER—Pollock S. & Son
COLEMAN—Simons T. B. Mercantile Co.
DEARBORN—Wallace M. B.
DETROIT—Boomer I. E., New Telegram bldg
Brown & Brown Coal Co., 269 Grand River
Calvert's J. Sons, McGraw bldg.
City Concrete & Coal Co., 936 Woodward av
Cooper A. & W., 1318 Gratiot av
Dickinson H. H. Builders Supply Co., 1140 14th av
Gregg Hardware Co., 44 Cadillac sq
Goddard F. H., 520 Franklin
Heames W. E. & Co.
Holmes F. B. & Co., 3rd & York
Kennedy J. D. & Co., Dime Bank bldg
Little Chas. H. Co., Dock River Rouge
McGraw Plaster Co., Free Press bldg
Meyer R. M., 3010 Jefferson av W
Michigan Builders Supply Co., 208 E Hancock
Sibley F. M. Lumber Co., Kercheval & Beaufait
Steffes M. Son, Penobscot bldg
Stevens Frederic B., 3rd & Larned
See adv index at end of book
Thomas Bros. & Co., Ltd., 406 Empire
DOWAGIAC—Judd Wm. F.
EATON RAPIDS—Webster H. P. & Sons
ESCANABA—Nee Coleman
FLINT—Dain & Vermilya M.
Flint Coal Co.
Matthewson Fred G.
Randall Lumber & Coal Co.
FOWLERVILLE—Rounsville F. G.
GRAND LEDGE—Astley T. W.
Doty & Doty
GRAND RAPIDS—Battjes Fuel & Building Material Co.
Boer James
Himes Albert Coal Co.
Home Fuel Co.
Hulst & Van Heulen Fuel Co.
Hyde Albert & Son
Knowlson A. B. Co.
Morman S. A. & Co.
Wykes-Schroeder Co.
HILLSDALE—Aldrich G. A. & Co.
HOLLY—Hudson M. M.
HOUGHTON—Van Orden Matthew Co.
HUDSONVILLE—Hughes B. & T. (Also Saw Mill)
IMLAY CITY—Walker Walter & Co.
IONIA—Page W. C. Wirtz Co.
IRON MOUNTAIN—Holfeltz J. R. Co.
ISHPEMING—Consolidated Fuel & Lbr. Co.
JACKSON—Bartlett J. E. Co.
Lake Robert Co.
Wilcox Stanley
KALAMAZOO—Darling Wm. P.
Dewing & Sons
Sales James A.
LAPEER—Cutting Frank R.
MANISTEE—Buckley & Douglass Lumber Co.
MANISTIQUE—White Marble Lime Co.
MARQUETTE—De Haas N. G. (wholesale jobbers)
MASON—Mickelson Carl P.
MENOMINEE—Lyon Bros.
MONROE—Hurd Geo. R. Co.
Radtke Lumber & Supply Co.
MOUNT CLEMENS—Paganetti J. S. Co.
Ulrich R. C. Hardware Co.
NEW BALTIMORE—Baker William
NILES—Smith C. R.
OTSEGO—Oliver Wm.
OWOSSO—Sturtevant & Blood Co.
PAW PAW—Waters H. C. & Co.
PONTIAC—Richmond-Dewey Co.
PORT HURON—Cruickshank A. G.
PORTLAND—Estep Chas. A. & Son
QUINCY—Kinyon E. H.
REED CITY—Welsh & Kerry Co.
SAGINAW—Remer Bros.
ST. JOSEPH—Wallace John Sons Co.
SEBEWAING—Sebewaing Sandstone Brick Co
SOUTH ROCKWOOD—Strong John Co.
TRAVERSE CITY—Hannah & Lay Mercantile Co.
TRENTON—Mans Nicholas A.
WALDRON—Abbaduska E. T.
WHITE PIGEON—Driesbach F. C. & Son
WYANDOTTE—Eberts Bros. Co.
YALE—Wharton & Co.
YPSILANTI—Thompson O. E. & Sons

MINNESOTA.

ADRIAN—Becker J. C.
ALEXANDRIA—Page L. A. Lumber Co.
ANOKA—McCauley George A.
BLOOMING PRAIRIE—Solberg A. Lumber Co.
DULUTH—Cutler Magner Co.
Dunlop-Moore Co.
LITCHFIELD—Ebjornsson John
MANKATO—Fowler & Pay
MILAN—Anderson T.
MINNEAPOLIS—Citizens' Lumber Co.
Fowler & Pay, Security Bank bldg
Landers, Morrison & Christenson Co., Builders Exchange
McDonald John F. Lumber Corp., Lumber Exchange
Red Diamond Lumber Co., 1200 Central av
Ross M. W. Lumber Co.
Speakes P. G. Co., 2845 Second av, S
St. Milaire Retail Lumber Co.
United States Gypsum Co., Lumber Exchange
Universal Portland Cement Co., 2d Bank bldg
NEW ULM—Bingham Bros.
NORTHFIELD—Reilly & Lathrop
PELICAN RAPIDS—Stenerson Bros.
ROCHESTER—Dodge Lumber & Fuel Co.
ST. CLOUD—Gruber & Co.
ST. PAUL—Capital City Lime & Cement Co., Starkey & Indiana
Dana Warehouse Co., 271 Snelling av N
Lott K. F. & Co., 101 E 8th
Northwestern Lime Co., Ryan bldg
Pearce J. F. & Son, Ft. Eagle
St. Paul Lime & Cement Co., Ryan bldg
Shakopee Cement Lime Mfg. Co., 220 Chestnut
Spates S. P. & Co.
SHAKOPEE—Schroeder Brick & Lime Co.
STILLWATER—Consolidated Lumber Co.
Kilty Jno. J.
WARREN—Robertson Lumber Co.
WINDOM—Strunk Sherwin Co.
WINONA—O'Dea John
Standard Lumber Co.
Stevenson Coal Co.
Willis H. J.

MISSISSIPPI.

JACKSON—Jackson Lumber Co.
MERIDIAN—Acme Building Supply Co., Dept. H
VICKSBURG—Edwards C. J. Co.
Perry Grain & Cement Co.

MISSOURI.

BEVIER—Rowland Bros.
BOONVILLE—Burger Wm.
Lohse M. & Son
BUTLER—Wyatt H. S.
CARTHAGE—Home Lumber Co.
Thomas B. F. Lumber Co.
FARMINGTON—Lang & Bro., Mfg. & Mercantile Co.
Tetley-Klein Lumber Co.
FAYETTE—La Crosse Lumber Co.
FREDERICKTOWN—Fredericktown Lumber Co.
FULTON—Callaway Hardware Co.
HANNIBAL—Hannibal Lime Co.
HOLDEN—Starkey I. (Est. of)
JOPLIN—Chickering H. L.
KANSAS CITY—Badger Lumber Co.
Brockett C. A. Cement Co., 121 W 8th
Builders' Material Supply Co., Republic bldg
Clark & Bates Lumber Co., Commerce bldg
Deatherage Ben. S. Lumber Co., 403 R. A. Long bldg
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg
Eadie Building Supply Co., Scarritt bldg
Lehigh Portland Cement Co., Commerce bldg
Leidigh & Haven Co., R. A. Long bldg
Merrill J. W. Lumber Co., Southwest blvd & Summit
Stephens Supply Co., Bryant bldg
Union Portland Cement, Republic bldg
Westport Lime & Cement Co., 121 W 8th
LEXINGTON—Moorehead J. R. Lumber Co.
LOUISIANA—La Crosse Lumber Co.
NEOSHO—Briggs Hardware Co.
STE. GENEVIEVE—Ste. Genevieve Lime & Quarry Co.
ST. JOSEPH—Badger Lumber Co.
Biles N. D. & Co.
Dougherty & Moss Lumber Co.
Hesse Building Material Co.
Mannan-Smith Supply Co.
Nold C. H. Lumber Co.
St. Joseph Lumber Co.
ST. LOUIS—Banner Coal & Sand Co., R. I. & Wabash & Euclid
Carthage Marble & White Lime Co., Chouteau & Vendeventer avs
Contracting & Supply Co., 816 Olive
Glencoe Lime & Cement Co., Syndicate Tr. bldg
Hunkins-Willis Lime & Cement Co. (Plastering Materials), Century bldg.
SEDALIA—Babcock Lumber Co.
Johns S. P. & Sons
Looney & Bloess Lumber Co.
Sturges Lumber Co.
SPRINGFIELD—Horton Stone Co.
Landers Lumber & Cement Co.
Springfield Plg. Mill, Lumber & Const. Co.
Springfield Stone & Fuel Co.
Timmons Lumber Co.
Williams T. E. Lumber & Mfg. Co.
TIPTON—Ferguson Wm. M.
Schmidt Wm. & Co.
WINDSOR—Hayden Hardware Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
Stagg J. P.
GREAT FALLS—Graham & Ross Mercantile Co.
Great Falls Lumber Co.
Murphy-McClay Hardware Co.
HELENA—Holter A. M. Hdw. Co.
Sanford-Evans Co.

NEBRASKA.

BEATRICE—Von Steen J. H. Co. (Wholesale)
FREMONT—Nye-Schneider-Fowler Co.
GENEVA—Koehler A. Co.
GOTHENBURG—West E. G.
GRAND ISLAND—Harrison W. H. Co.
HASTINGS—Western Brick & Supply Co.
HUMBOLDT—Philpot Lumber Co.
KEARNEY—Gilcrest F. H. Lumber Co.
LAUREL—Johnson Evers & Co.
LINCOLN—Dierks Lumber & Coal Co.
Searle & Chapin Lumber Co.
Whitebreast Coal & Lumber Co.
NEBRASKA CITY—Bischof's Wm. Sons
NORFOLK—Chicago Lumber Co.
OMAHA—Adams & Kelly Co.
Bullard Hoagland & Benedict
Cady H. F. Lumber Co.
Chicago Lumber Co.
Disbrow M. A. & Co.
Guiou Lumber Co.
Hampton Lumber Co.
Hoagland G. A. & Co.
Hull C. W. Co.
Sunderland Bros. Co.
SOUTH OMAHA—Bradford-Kennedy Co.
Bradford Louis Lumber Co.
Howland E. H. Lumber & Coal Co.
Watkins J. B. & Co.
TEKAMAH—Houston E. C. Lumber Co.

NEW HAMPSHIRE.

BRISTOL—Merrill C. N. & Son
CLAREMONT—Osgood E. B.
CONCORD—Dickerman & Co.
EXETER—Smith L. B. & Sons

NEW HAMPSHIRE—continued
FRANKLIN—Stevens C. P.
KEENE—Knowlton & Stone Co.
Spencer Hardware Co.
Woods C. E. & Son
LANCASTER—Moore L. F.
Smith Frank Co.
MANCHESTER—Muir John
NASHUA—Shedd W. A. & Co.
NEWPORT—Rowell F. P.
NORTH CONWAY—Gibson J. L.
PORTSMOUTH—Broughton J. H.
Walker C. E. & Co.
SOMERSWORTH—Somersworth Grain Co.
TROY—Kimball E. P. & Son

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lbr. Co.
Consumers' Coal & Supply Co.
Farmer Coal & Supply Co.
ATLANTIC CITY—Borton Coal & Trading Co.
Cunningham A. W. & Co.
BAYONNE—Booth A. W. & Bro.
Brady's James Sons Co.
Meyer & Ruh Co.
O'Connor Peter
BLOOMFIELD—Bloomfield Coal & Supply Co.,
Ogden & Cadmus
BOONTON—Salmon Henry & Son
BORDENTOWN—Chamberlain John G.
Shreve W. A. & Co.
BOUNDBROOK—Cook L. D. Co.
BRIDGETON—Hankins H. H. & Bro.
CAMDEN—Camden Lime Co.
Justice Coal & Lime Co.
Taylor Bros.
CAPE MAY COURT HOUSE—Tyler W
COOKSTOWN—Hancock J. B.
CRESSKILL—Cresskill Lumber Co.
DOVER—Birch & Bassett
Dover Lumber Co.
EAST ORANGE—Builders' Material Supply Co.
Pierson James W. Co.
EDGEWATER—Hinner's E. H. Sons
EGG HARBOR—Rupp Harry R.
ELIZABETH—Enterprise Coal & Supply Co.
Gold P. & Co.
Hall & Carlton
Mulford Coal & Lumber Co.
Neureitter & Horre
Sayre T. F. & H. C.
Smith Lime, Flour Co.
Standard Building Material Co.
Thompson J. & S. S.
ENGLEWOOD—Payson George H
Prentice Co.
Tuttle Bros.
FAR HILLS—Ludlow L. V. & Co.
FREEHOLD—Statesir Lumber Co.
GLADSTONE—Tiger Ellis Co.
GLOUCESTER—Stinson & Dickinsheets
GUTTENBERG—Gardner & Meeks Co.
HACKENSACK—Gardner I. E.
Hackensack Coal & Lumber Co.
HARRISON—Harper David
HOBOKEN—Lehigh Coal & Supply Co.
Vanderbilt E. D. Co.
JAMESBURG—Perrine & Buckelow
JERSEY CITY—Baldwin Lumber Co., Garfield av
Conlon & Co., 270 Provost
Glassford & Dodd (Sewer Pipe, etc), 6th
Hall J. P., 588 Central av
O'Neill Lumber Co., Jersey av
Washburn Bros. Co., ft of Jersey av
KENVIL—Kenvil Lumber & Store Co.
LAKEWOOD—Larrabee Albert S. (Est.)
LAMBERTVILLE—Massey Geo. W.
LITTLE FALLS—Klotz E. L.
LONG BRANCH—Chandler & Maps
Lacour Crammer & Co.
MADISON—Bruen & Morris
Green & Pierson
Smith Joseph M. Co.
MANASQUAN—Vanleer E. S.
MATAWAN—Cartan & Delvin
METUCHEN—Edgar Chas. S.
Freeman Manning & Son
MILLVILLE—Kimball & Prince Lumber Co.
MONMOUTH JUNCTION—Stout A. F. & Son
MONTCLAIR—Builders' Material Supply Co.
Persons W. O.
MORRISTOWN—Ennis C. W. & Co.
NETCONG—Drake, Bostedo Co.
NEWARK—Abbey W. B., Essex bdg
Bowden Fred'k (Sewer Pipe, etc), 218 Orange
Builders' Material Supply Co., Center
Cook & Genung Co., 16 Jersey
Lenox Building Supply Co., 27 Clinton
Newark Sand Co., ft Center
Ogden Henry E. & Sons Co. (Sewer Pipe, etc.), 428 Clinton
Perry G. F. & Sons, 261 Fabyan pl
Phillips White Rock Lime Co., 136 Front
Reeve Abner S. & Sons, 88 Front
Reid A. S. & Co., 786 Broad
Sayre Jas. R. Jr. & Co., River
Tomkins Bros., 74 Passaic
Townley C. E. 149 Vernon av
Van Keuren & Son, 501 Passaic av
Wolf Chas., 204 Waverley av & Peshine
Woodward A. H. Co., 128 Passaic
NEW BRUNSWICK—Howell Lumber Co.
Rolfe Building Materials Co.
Welsh P. M.
NEWTON—Hopkins S. H.
ORANGE—Conover Bros.
OCEAN CITY—Shoemaker C. H. Lumber Co.
PALISADES PARK—Palisades Park Lumber & Supply Co.
Parkyn & Sons
PASSAIC—Anderson Lumber Co.
Campbell, Morrell & Co.
Union Building & Cons. Co.
PATERSON—Agnew John Co.
Rodrock E. M. Co.
Sharpe Jos. Construction Co.
Smith A. H.
Stiles E. M.
Trimble Coal Co.
PENNS GROVE—Barber, H. S.
PERTH AMBOY—Donnell W. J. Lumber Co.
Langan Thomas Lumber Co.
Robbins I. R.
PLAINFIELD—Boice, Runyon Co.
Loizeaux Joshua D. Lumber Co.
PLEASANTVILLE—Lake & Risley Co.
POINT PLEASANT—Vannote Lumber Co.
RAHWAY—Friese G. M.
RIDGEFIELD PARK—Brewster & Son
RIVER EDGE—Bogert A. Z. & Bro.
RIVERSIDE—Zurbrugg August
RIVERTON—Evans Jos. T.
ROCKAWAY—Stickle G. W.
ROSELLE—Bachman-Veghte Co.
Ridgeway Wilbur J.
SALEM—Lippincott Clement G.
SECAUCUS—Schmitt Jacob
SOMERVILLE—Sargeant Bros.
SOUTH AMBOY—South Amboy Lumber & Supply Co.
SOUTH ORANGE—Halsey H. B. Co.
SOUTH RIVER—Clayton Lumber Co.
SUMMIT—Miller T. B. Co.
Muchmore George V.
Stephens Bros.
SWEDESBORO—McCullough H.
TENAFLY—Demarest Edwin
TOMS RIVER—Brant A. A. Lumber Co.
TRENTON—Heath Samuel Co.
Hunt James B. Mfg. Co.
Richardson Jos. B. & Sons
Richardson P. B.
VINELAND—Kimball & Prince Lumber Co.
WASHINGTON—Alleger's E. W. Son
WESTFIELD—Irving J. S.
Tuttle Bros.
WOODSTOWN—Hitchner & Bassett
Woodstown Ice & Cold Storage Co.

NEW MEXICO.

ALBUQUERQUE—Baldridge J. C. Lumber Co.
SANTE FE—Hersch Leo

NEW YORK.

ADAMS CENTER—Maxson E. C. & Son
ALBANY—Batchelder R. C.
Blackburn J. T. D.
Dwight H. A.
Fuller & Co.
Helderberg Cement Co.
Jackson John H. Tile Co.
Leonard Co.
McCabe Peter
AMENIA—Wilson & Eaton Co.
AMSTERDAM—Grieme, H. C. Co. (Est. of)
ASTORIA—(See Long Island City, Borough of Queens)
ATHENS—Howland & Son
AUBURN—Clark Lumber Co.
McCarthy Bros.
BALDWINSVILLE—Tappan W. H.
Voorhees J. S. & Co.
BARKER—Lum L. C.
BATAVIA—Dawson William E.
BATH—Bowes H. W.
BEACON—Davidson S. M. Co.
BINGHAMTON—Atlas Coal & Supply Co. (Brick, Cement, Sewer Pipe, etc)
Ballard J. W. Co.
Bartlett & Co.
BUFFALO—Black John H. Co. (Mfrs.' Agent), Court & Pearl
Bray & Lukens Co., 861 E Eagle
Buffalo Cement Co., 110 Franklin
Buffalo Paragon Wall Plaster Co., Ellicott sq
Carroll Bros. (Sand, etc), Ellicott sq
Carroll J. E. Sand Co., White bldg.
Empire Limestone Co., 19 Hudson
King J. B. & Co., 322 W Genesee
Lyth A. & Sons Co., 48 W Eagle
Newman's Akron Cement Co., 141 Erie
Reeb M. A. Corp., 599 Michigan av
Ross James H., 141 Erie
Thorn Cement Co., Prudential bldg
CANANDAIGUA—Davidson Alex.
Hollis A. M. & Co.
Thompson George T.
CATSKILL—Raynor A.
Timmerman P. V. R.
CHARLOTTE—Charlotte Coal & Supply Co.
CHATHAM—Boright John W. Lumber Co.
CLINTON—Allen H. J. (Est.)
CLYDE—Corrigan & John
COHOES—Dooley Jas. J. & Sons
COLLEGE POINT—(See New York City, Borough of Queens)
CORNING—Maltby W. H. & Sons
CORTLAND—Beers & Warfield
Maxson & Starin
CUTCHOGUE—Goldsmith & Tuthill
DUNKIRK—Hamilton S. M. Co.
EAST AURORA—Geib William H.
Griggs & Ball Co.
EAST HAMPTON—East Hampton Lumber & Coal Co.
EDEN—Redfield & Davis
ELMIRA—Fisk H. A. & Co.
FAIRPORT—Fairport Lumber & Coal Co.
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co.
FLORIDA—Roe Bros.
FLUSHING—(See New York City, Borough of Queens)
FREDONIA—Cobb John P.
Cooke F. E.
GENESEO—Neff N. W. & C. D.
GENEVA—Beard J. H.
Dwyer J. Frank
Ontario Coal Co.
Rogers R. J. Lumber Co.
GLEN COVE—Titus & Bowne
GOSHEN—Conklin & Cummins
GOUVERNEUR—Corbin W. S.
Noble H. H.
GOWANDA—Van Deusen J. E.
GREEN ISLAND—Smith M.
HASTINGS-UPON-HUDSON — Thompkin & Bevers
HAVERSTRAW—Allison & Vervalen Coal & Lumber Co.
Lane Charles R.
HEMPSTEAD—Mollineaux Bros.
HERKIMER—Palmer C. W. & Co.
Felton Bros.
Snell C. R. & Sons Co.
HILLSDALE—Herrington Ed.
HOLLAND—Griggs Ichabod N. & Son
HOLLEY—Murphy John
HOMER—Maxson & Starin
HOPEWELL JUNCTION—Hopewell Lumber Co.
HORNELL—Hollands Stephen & Sons
HUDSON—Macy Charles W. Co.
HUNTER—Ham E. A.
HUNTINGTON—Wood W. Wilton
HURLEYVILLE—Prince W. J. & Son.
HYDE PARK—Van Wagner Geo. E. B.
IRONDEQUOIT—Irondequoit Coal & Supply Co.
ISLIP—Abrew John L.
ITHACA—Driscoll Bros. & Co. (Wholesale)
Edwards O. D.
JAMESTOWN—Chautauqua Refrigerating Co.
Jamestown Construction Co.
Johnson Ice Co.
Shedd L. F.
Van Dervoort Supply Co.
KINGSTON—Darling Walter S.
Gill David Jr.
Griffith Frank H.
LACKAWANNA—West Seneca Lumber Co.
LAKE PLACID—Lake Placid Lumber & Supply Co.
LAWRENCE—Wood John A. & Son Co.
LESTERSHIRE—Baldwin Edwin L.
LIMA—O'Neill Wm. A.
LOCKPORT—Crowe Michael J.
Stainthorpe C. N. & Co.
Whitmore C. B. Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Lockwood B. F.
MACEDON—Servoss Chas. J.
MALONE—Thompson H. D. & Co.
MAMARONECK—Brewer R. G.
Moffatt, L.
MATTITUCK—Penny George L.
MECHANICSVILLE—Robinson W. A.
MIDDLEBURG—Petchtle Emmet
MIDDLEPORT—Jackson Thomas W.
MIDDLETOWN—Ketchum D. A. (Est.)
MONTGOMERY—Vanderoef John J. & Son
Wait Charles D.
MONTICELLO—Osborn & Son
MOUNT KISCO—Young & Halstead Co.
MOUNT VERNON—Burton & Fenton
Wilson & Adams Co.
NEWARK—Bartle A. C. Lumber Co.
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Atlas Building Material Co.
Convery's John P. Sons
Harrison & Curtis
Wilson Samuel A.
NEW PALTZ—Le Fevre A. P.
NEW ROCHELLE—Mahlstedt J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons (Sand, etc), 129 Richards
Braun & Howe, 66 Huron
Canda M. M.,, 184 3d
Castle Bros., Johnson pl
Clarke Audley Co., 527 Smith
Colyer Jos. H. & Son, 531 Nostrand av
Creamer F. D. & Co., 26 Court
Duffy J. P. Co., 51st & 2d av
Empire Brick & Supply Co., Morgan av
Gutherman J. J., 32 Chester
Mahnken Building Material Co., Varick av
Morton's John Sons Co., 387 Carroll
Sullivan J. T., 2360 Fulton

Boroughs of Manhattan and Bronx.

See also Cement Manufacturers
NEW YORK—Bell Jno. Co., E 138th & Gerard av
Builders Brick & Supply Co., 172nd & West Farms rd
Cable W. N., 200 5th av
Candee, Smith & Howland Co., ft E 26th
Darrow's Rufus Son, 618 W 49th
Empire Brick & Supply Co., 103 Park av

Fleming & Co., 253 B'way
Fredenburg & Lounsbury (Front & Ornamental Brick & Cement), 381 4th av
Heaney P. J. Co., West Farms rd & 172nd
Hoag Wm. M., 120 Liberty
Hookey W. T. & Sons Co., 227 E 129th
Kane John P. Co., 103 Park av
King J. B. & Co., 17 State
McCarthy John A. & Bro., 551 Exterior
Miller Clifford L. (West Stockbridge Lime; Dry Mixed Mortar; Cement; Plaster, etc), 280 Madison av
Morse Frank E. Co., 17 State
Murtagh Chas. E., ft Rivington
Murtha & Schmoll Co., 814 E 14th
Overbaugh-Camp Co., Morris Dock
Palmer Lime & Cement Co., 103 Park av
Peck N. & W. J. Co., 428 E 48th
Philbrick John A. & Bros., ft E 97th
Raymond G. B. & Co. (Clay Materials), 3060 Webster av
Smith Clarence L. Co., 30th & 11th av
Tomkins Bros. (Sewer Pipe), 8 W 40th
Warner Chas. Co. (Wholesale), 18 E 41st
Wood Theo. C., 613 Greenwich

Borough of Queens.

COLLEGE POINT—Kraemer Bros.
FLUSHING—Copp C. W., James
Ryon Augustus M., 96 Main
JAMAICA—Syles Thos., 59 Flushing av
LONG ISLAND CITY—Clonin & Messenger, ft Camelia
Pfeffer Jacob, 10 Vernon av
Raymond G. B. & Co. (Clay Products), 293 Borden av
OCEANUS—Jamieson & Bond Co., Bond av
OZONE PARK—Reimer Jno. B.
RICHMOND HILL—Solms Geo. Co., Maure av
ROCHESTER—Building Material Corp., 212H East av.
Building Specialties Co. Inc.

Borough of Richmond.

PRINCES BAY — Seguine-Runyon-Stiles Co., ft Main
STAPLETON—Thompson Jas. & Sons, Bay

(End of New York City)

NIAGARA FALLS—Humbert Wm. S.
Niagara Falls Builders' Supply Co.
NORTH TONAWANDA—Rose H. A. (Est. of)
NYACK—Gregory & Sherman
White W. H. Co.
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURGH—Barr John
Britton W. D. Hardware Co.
Hackett P. Hardware Co.
OLEAN—Taylor B. U. Co.
ONEIDA—Marcellus Geo. A.
Ruby R. B.
ONEONTA—Briggs Lumber Co.
Butts L. P.
OSSINING—Terwilliger's I Son
OSWEGO—Farwell J. B. & Co.
OWEGO—Farmers' & Builders' Supply Co.
Richardson F. W.
PATCHOGUE—Bailey E. & Sons
PEARL RIVER—Serven Lumber & Coal Co., Inc.
PEEKSKILL—Dains' N. Sons Co.
PERRY—Hawley Produce & Storage Co.
PHILADELPHIA—Clark Gardner
PIERMONT—Walsh & Reichling
PLATTSBURG—Purdy Frank M.
PLEASANTVILLE—Cornell Lumber Co.
PORTCHESTER—Ryan William Co.
Tibbits Charles H.
PORT JERVIS—Westbrook Edw. S. & Son
PORT RICHMOND—(See New York City, Borough of Richmond)
POTSDAM—Weed F. A. Hardware Co.
POUGHKEEPSIE—Arnold C. N. Co.
Lumb's Levi Son
McCann J. J.
Taylor Jas. L. Mfg. Co. (Steel Staging & Shingling Brackets)
Wilbur Co.
PRINCE BAY—(See New York City, Borough of Richmond)
RANDOLPH—Felt & Almy
RICHMONDVILLE—Harroway M. W.
RIPLEY—Crandall J. E.
RIVERHEAD—Corwin & Vail Lumber Co.
ROCHESTER—Building Material Corp.
Building Specialties Co., Inc.
Oliver Thomas (Est. of)
Rochester Lime Co.
Whitmore, Rauber & Vicinus
ROCKVILLE CENTER—Combes G. D.
ROME—Wardwell Hardware Co.
RONDOUT—(See Kingston)
SAG HARBOR—East Hampton Lumber & Coal Co.
SALEM—Dillon Jno. L.
SANDY HILL—Griffin Lumber Co.
Kenyon Lumber Co.
SARATOGA SPRINGS—Todd E. R.
SAUGERTIES—Saugerties Coal & Lumber Co.
SCHENECTADY—Crane-Veeder Co.
Devenpeck Coal Co.
Rankin Chas. F.
Rosa N. W.
Winne & McKain Co.
SEA CLIFF—Parliman Lawrence E.
SENECA FALLS—Maier Fred & Sons
Palmer S. S.
SHERBURNE—Gaines Thos. P.
SKANEATELES—Carver Richard
Stuart William G.
SOUTHAMPTON—Hampton Lumber Co.
STONY BROOK—Bayles D. T. & Son
SUSPENSION BRIDGE—Haeberle Lumber Co.
SYRACUSE—Pack George W. & Son
Paragon Plaster Co., 300 W Water
Salisbury D. J., 206 St. Mark's av
Sullivan C. J., 126 S. Clinton
TARRYTOWN—Dinkel & Jewell Co.
Husted A. P. Co.
TICONDEROGA—Bascom D. C.
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Grimm Max
Murray James T.
Rickerson & Co.
Smith Milo
TRUMANSBURG—Hasard Wm.
TULLY—Garrison J. H. (Est. of)
UTICA—American Hard Wall Plaster Co.
Conley Frank E. Stone Co.
Empire Wall Plaster Co.
McQuade & Bannigan
WALDEN—Dominick D. C. Co.
Hill C. W.
WARRENSBURG—Emerson A. C. & Co.
WARWICK—Conklin & Strong
WATERLOO—Terwillinger A. H. & Son
WATERTOWN—Johnson S. W.
Jones W. C.
White G. W. & Son
WATKINS—Durland L. H. Son & Co.
WELLSVILLE—Chamberlain F. R. & Co.
Duke Oak Lumber Co.
WEST WINFIELD—Weeks George S.
WHITEHALL—Sullivan J. H. (Est. of)
WHITE PLAINS—Young R. Bros. Lumber Co.
WHITESTONE—(See New York City, Borough of Queens)
WILLIAMSBRIDGE — (See New York City)
YONKERS—Lawrence Bros.
Yonkers Builders' Supply Co.

NORTH CAROLINA.

ASHEVILLE—Brown Hdwe. Co.
Citizens' Lumber Co.
Westall J. M. & Co.
Westall W. H. & Co.
CHARLOTTE—Carolina Lumber Mfg. Co.
Ward W. W. & Son
Wearn J. H. & Co.
Withers B. F.
CONCORD—Niblock F. C.
EDENTON—Brown M. G.
HICKORY—Ingold F. B.
RALEIGH—Raleigh Iron Works Co.
WILMINGTON—Moore's Rogers Sons & Co.
Thorp W. B. & Co., Dept. H, Water & Ann
WINSTON-SALEM—Fogle Bros. Co.
Orinoco Supply Co.

NORTH DAKOTA.

DICKINSON—Walton & Davis Co.
FARGO—Leeby Victor H. Co.
GRAND FORKS—Dinnie J. A. Co.
Robertson Lumber Co.
HATTAN—Ness Lumber Co.
WAHPETON—Rischard John

OHIO.

ADA—Ada Coal & Lumber Co.
AKRON—Akron Paving & Plaster Co.
Akron Supply Co.
Botzum Bros. Co.
Firestone Park Builders Supply Co.
Mell Marvin M. & Co.
Pfarr & Hobart Co.
Wright W. E. Co.
ALLIANCE—Tolerton I. G. & Son
ANDOVER—Coulter D. & Son
Wood C. W.
ASHLAND—Ashland Hardware Co.
Boren William
Hoover Chas.
Palmer J. C.
ASHTABULA—Aten Volda B.
Robinson M. C. & Co.
Stockton W. H.
BEDFORD—Miller C. F.
BELLAIRE—Anderson & McGregor Co.
BOWLING GREEN—Hankey Lumber Co.
BROADWAY—Goff W. H.
BROOKVILLE—Detweiler Theo.
BUCYRUS—Smith J. M. & Fitzer
Ryland B. L. & Son
BURTON—Crittenden B. D.
BYESVILLE—Witten B. V. & Sons
CADIZ—Long E. M. & Sons (Wholesale)
CAMBRIDGE — Orme-McMahon-Thompson Co.
CANFIELD—Neff C. H.
CAREY—Snyder William H.
CELINA—Desch J. W.
CHILLICOTHE—Chillicothe Coal Co.
Rutherford Chas. W.
Union Coal Co.
CINCINNATI—Chrispin Jas. G. Lime & Cement Co., 2117 Monroe av, Norwood
Cincinnati Clay Products & Supply Co., Johnston bldg
Cincinnati Sewer Pipe Co., Elm & Water
Conkling H. J., 731 Hunt
Doermann-Roehrer Co., 318 E 3d
Farrn M. B. Lumber Co., Station av & Winton pl
Hall T. J. & Co. (Washed River Sand & Gravel), 450 E Pearl
Huber Bldrs.' Material Co., 50 Vine
Jacobs Julius, 276 W McMicken av
McCammon L. H. Bros., Johnston bldg
McCracken J. E. Supply Co., 629 E Front
Marsh-Murdock Co., Cor. Stanton av & Melish
Metcalfe L. A., 2433 Gilbert av
Moores-Coney Co., St. Paul bldg
Moss C. W., 218 Tennyson
Mueller John Co., 321 Wyoming av, Lockland
Pachoud A. L. & Co., 3459 Montgomery av
Patterson Alex., 3036 W 6th
Taylor Chas. E., 1429 Cutter
CLARINGTON—Rea John J.
CLEVELAND—Baldwin H. A. & Co., 14903 Saranac
Best Builders Supply Co., Marion bldg
Broadway Coal & Feed Co., 6431 B'way
Cleveland Bldrs.' Supply & Brick Co., H Leader News bldg.
Cleveland Material Co.
Collinwood Lumber Co., 14902 Darwin av
Crane P. D. Co., 10225 Meech
Cuyahoga Builders' Supply Co., Schofield bldg
Diamond Portland Cement Co. (Cement Mfrs.), 1313 Williamson
Donley Brothers Co., The, 3625 E. 74th
See adv index at end of book
Forrester Plaster Co., ft East 49th
Goff-Kirby Coal Co., Electric bldg
Kelley Island Lime & Transport Co. (Hydrated & Lime Lump), Leader News bldg
Lake Erie Builders' Supply Co., Schofield bldg
Lake Shore Sand & Gravel Co., Cuyahoga & W. 3d
Ohio Coal & Supply Co., 2869 E 37th
Sheets Elevator Co.
Shepard J. J., 1078 River av, N. W.
CLEVES—Caine Chas. W.
CLYDE—Forsythe James
Hurd T. P. & Son
COLLEGE CORNER—Stephens & Stewart
COLUMBUS—American Sewer Pipe Co., 315 N High
Builders' General Supply Co., Darby & Scott
Building Products Co., 67 E Long
Columbus Builders' Supply Co., 145 N Front
Columbus Coal & Lime Co., 307 S High
Columbus Fire & Face Brick Co., 16 S 3rd
Columbus Macadam Co., 319 Dublin av
Cussins & Fearn Co., 48 W Spring
Ferris Steam Mortar Works, 632 Galloway av
Fifth Avenue Coal Co., 5th av & Big Four
Franklin Builders' Supply & Coal Co., 400 W Broad
Hamilton Parker Fuel & Supply Co., 491 Kilbourne
Murray City Coal Co., W Fifth av & H. V. Ry.
Rapp Jacob & Co., 375 S High
Rock Plaster Mfg. Co., Darby & Scott
West Side Lumber Co., Duerr rd
CONNEAUT—Pond Lumber Co.
CORNING—Rodgers D. M.
COSHOCTON—Thomson A. H. & Son
CRESTLINE—Weaver Bros. Co.
CROOKSVILLE—Pettit E. G.
CUMBERLAND—Dye Milton
DAYTON—Dayton Builders' Supply Co.
Eichelberger's T. D. Sons
Hawthorn W. S.
King Chas. S.
McGreevy & Ortman Co.
Schaeffer, Gengnagel & Co.
Star Coal & Cement Co.
DEFIANCE—Gorman M. B. Co.
DELAWARE—Kissner R. D.
DELPHOS—Horine John T. & Sons
DESHLER—Lytle Lumber Co.
DILLONVILLE—Manifold J. H. C.
EAST LIVERPOOL—Enterprise Coal Co.
Nease C. Lumber Co.
EAST PALESTINE—Meek Lumber Co.
ELDORADO—Locke A. W. S.
ELYRIA—Elyria Concrete Co.
Heldmyer Hardware Co.
Murbach Coal Co.
FINDLAY—Hagerman & Phillips
Rhamy W. H.
FRANKLIN—Anderson's L. G. Sons
FREMONT—Price Lumber & Mfg. Co.
Riverside Fuel & Supply Co.
FUNK—Taylor Chas.
GALION—Bryan Coal Co.
Weaver Bros. Co.
GALLIPOLIS—Rue John C.
GARRETTSVILLE—Hatch J. E.
GENEVA—Cowdery Coal Co.
Geneva Milling Co.
King W. H.
GLENDALE—Freyhof John D.
GRAND RAPIDS—Miller Geo. H.
GREENVILLE—Mahar M. A.
HAMERSVILLE—Chatterton O. J.
HAMILTON—Cullen & Vaughn Co., 450 Dayton
HARRISON—Perrine Atwood
Vincent W. C. & Son
HILLSBORO—Whisler Chas F.

OHIO—continued
IRONTON—Central Hardware & Harness Co. (Roofing, etc)
Ginn Co.
Goldcamp Bros. & Co.
Ironton Lumber Co.
Ironton Portland Cement Co.
JACKSON—Buckeye Mill & Lumber Co.
Jackson Mill & Lumber Co.
Morgan & Horton
JEFFERSON—Douglass L. C. & Co.
KENTON—Callam John & Co.
Robinson-Gage Lumber Co.
LANCASTER—Orman Lumber Co.
LEAVITTSBURG—Doty A. M. & F. T.
LEETONIA—Mellinger I. F.
LEXINGTON—Kell Bros.
LIMA—Consumers' Fuel & Building Supply Co.
Fidelity Coal & Supply Co.
Watson Cement & Coal Co.
LINDEN HEIGHTS—Denune Builders' Supply Co.
Linden Lumber Co.
LISBON—Bean I. C. Co.
LOCKLAND—Lockland Lumber Co., Benson & Mill
LOGAN—Lumber & Supply Co.
LORAIN—Lorain Lumber & Mfg. Co.
McCUTCHENVILLE—Smith & Lawmaster
MANSFIELD—Branyon M. L. & Bro.
Kallmeren & Baer
Rusk Bros.
Voegele Bros.
MARION—King H. C. Lumber Co.
Leffler & Bland
Ohio & Western Lime Co.
Price J. L. Co.
Prendergast Co.
MARYSVILLE—Conrad Wm. J.
Robinson & Curry Co.
MASSILLON—Atwater D. & Son
Clements A. J. & Son
MAUMEE—Koch C. L. Co.
MIDDLEFIELD—Patchin C. P. & Co.
MIDDLETOWN—Hatfield Coal Co.
MILFORD—Buckingham & Hair
Clark J. N.
MINERVA—Hart S. W. & Son
MOGADORE—Mogadore Lumber & Supply Co.
MOUNT GILEAD—Mount Gilead Lumber Co. (Br. J. S. Peck & Son, Eardington)
Wagner Bros.
MOUNT ORAB—Kibler Fred W.
MOUNT VERNON—Sanderson & McCreery (Also Slate)
MOWRYTOWN—Beucler L. A. & Co.
NAPOLEON—Johnson & Ritz
Thiesen & Hildred Co.
NEWARK—Montgomery Wesley
Smith's P. & Sons Lumber Co.
NEW BOSTON—Bahner Geo.
NEW COMERSTOWN—Novelty Brick & Coal Co.
NILES—Eaton Builders' Supply Co.
NORWALK—Frey Joseph
Smith Monumental Works
OBERLIN—Cole S. M. Co.
OLMSTEAD FALLS—Stokes T. C.
ORRVILLE—Seas J. F. & Sons
OTTOVILLE—Lauer N.
OWENS—Owens John D. & Son Co.
PAINESVILLE—Callander G. F. & Son
McMillan Robert
Painesville Coal & Builders' Supply Co.
Truby Coal Co.
PAULDING—Paulding Lumber Co.
Southern Lumber & Supply Co.
PENINSULA—Bigelow F. A. & Son
PIQUA—Morrow & Lickilder
Wood C. L.
Wright & Kuntz Lumber Co.
PLAIN CITY—Martin & Strickland
PLYMOUTH—Nimmons & Nimmons
POMEROY—Biggs B. F. Co.
PORTSMOUTH—Kaps Bros.
Hibbs Hardware Co.
Leet H. Lumber Co.
Reitz Bros Co.
RACINE—Hayman Jos. C.
RAVENNA—Bennett J. A.
Morgan E. E.
RITMAN—Hershey & Rohrer
ST. MARYS—McNally & Son
St. Marys Blds'. Supply & Coal Co.
SALEM—Peoples Lumber Co.
Satterthwait Edgar
SANDUSKY—Groch Fred'k Coal Co.
Homegardner Sand Co.
Kelley Island Lime & Transport Co.
Lake Erie Sand Co.
Nielsen C. A. Coal Co.
Peterson & Hiss Co.
Wagner Quarries Co.
SHELBY—Wiggins E. W.
Will & Kerr
SIDNEY—Farmers' Grain & Milling Co.
Heiser Jno. & Son
Klipstine Wm. Lumber Co.
Toy W. M. & Co., 10 E Shelby
SPENCERVILLE—Pickering Wm. H.
Reynolds W. A. Lumber Co.
SPRINGFIELD—Bauer Charles
Beckley & Myers Ice & Fuel Co.
Clark County Lumber Co.
Mills Bros.
Rawlins A. M.
Springfield Coal & Ice Co.
Taggart & Brown Co.
STEUBENVILLE—Alexander W. J.
Central Sewer Pipe & Supply Co.
McFeely Bros.
Ohio Valley Ice & Storage Co.
STONEY RIDGE—Shook Ira E.
STRUTHERS—Horne J. K. & Son
STRYKER—Stryker Builders' Supply Co.
SULLIVAN—Atyeo Bros.
TIFFIN—Crobaugh & Dahm Hardware Co.
O'Connell Louis Co.
Ohio & Western Lime Co.
TOLEDO—Acme Coal, Wood & Builders' Supply Co.
Buckeye Builders' Supply Co.
Hoist W. O. Builders' Supply Co.
Knopp Bros. Co.
Ohio Builders' Supply Co.
Superior Supply Co.
Toledo Building Products Co.
Toledo Builders' Supply Co., Spitzer bldg
Toledo Pulp Plaster Co.
Woodville Lime Products Co., 622 Madison av
TORONTO—Goodlin J. O. Son & Co.
TROY—Trojan Coal Co.
UHRICHSVILLE—Pearch J. Romig P. A.
UPPER SANDUSKY—Gipson W. A.
URBANA—Heap Thomas
UTICA—Einsweiler C. W.
VAN WERT—Rupright Bros.
VAUGHNSVILLE—Risser D. R.
VERMILION—Decker C. F.
WADSWORTH—Dutt Feed & Supply Co.
WAPAKONETA—Brown M. Co.
Whitman Joseph L.
WARREN—Greenwood & Co.
Murray Thos.
Western Reserve Lumber Co.
Youngstown Pressed Steel Co.
See adv index at end of book
WASHINGTON C. H.—Coffman Mfg. Co.
WAUSEON—Williams H. H. & Co.
WELLSVILLE—Auginbaugh H. C.
Patterson Geo. B. Coal & Supply Co.
WEST MENTOR—Norton C. A.
WEST MILTON—Everett W. D. J.
WESTON—Oswald Bros.
WILLOUGHBY—Hill A. T. & Co.
Jenkins C. C.
WILMINGTON—Fisher Mfg. & Fuel Co
WOOSTER—Gray & Son
XENIA—Thornhill Bros.
YOUNGSTOWN—Buehrle German B.
Concrete Stone & Sand Co. (Sand & Concrete)
Sharp Bros.
Youngstown Ice Co.
ZANESVILLE—Adams Bros. Contracting Co.
Harris Bros.
McIntire Coal & Bldrs. Supply Co.
Townsend F. M.
Zanesville Grain & Building Supply Co.

OKLAHOMA.

ARDMORE—Hudson-Houston Lumber Co.
STILLWATER—Bullen H. B. Lumber & Coal Co.

OREGON.

PORTLAND—Balfour, Guthrie & Co., Park & Oak
Cherry P. L. Co., 271 Hawthorne av
Kollock L. R. & Co., Mutual Ry. Exbldg
McCraken J. Co., Blake-McFall bldg
Nottingham & Co, E 2d & Wash
Rate G. B. & Co., Dekum bldg
Timms, Cress & Co., 184 2d
Versteeg Brick Co., 1027 Tillanook
THE DALLES—Glenn Hugh & Co.
Wasco Warehouse Milling Co.

PENNSYLVANIA.

ALBION—Sergeant A. W.
ALLEGHENY—(See Pittsburgh)
ALLENTOWN—Butz Jas. F. & Co.
Erich G. F. Co.
Kuder Millard A.
Ochs Construction Co.
ALTOONA—Altoona Concrete Construction & Supply Co.
Canan Building Supply Co.
Canan-Knox Supply Co.
Vipond Coal Co.
AMBLER—Craft J., Watson
ANNVILLE—Saylor D. L. & Son
ARDMORE—Smedley & Mehl
ASHLAND—Buck Peter E. & Sons
ATHENS—Kinter F. B.
AVONDALE—Pennock & Brosius
Williamson Frank & Co.
BANGOR—Bangor Lumber Mfg. Co.
Wise Lumber & Coal Co.
BEAVER—Cook Anderson Co.
BEAVER FALLS—Brierly Frank F. & Sons
Davidson Hdwe. Co., Dept. H.
Pearson & Son
Zimmerman R. E.
BELLEFONTE—McCalmont & Co.
BERWYN—Fritz W. H.
BLAIRSVILLE—Ray L. S. W.
BLOOMSBURG—Paragon Plaster & Supply Co.
BLOSSBURG—Clark Geo. D.
BLUE BELL—De Prefontaine Chas.
BOSTON—Harper C. M. C.
BRADDOCK—Braddock Lumber Co.
Braddock Lumber Co.
Crown Wall Plaster Co.
Keller & Milliken
McCrady Bros. Co.
BRADFORD—Fischer L. A. & Co.
BRIDGEPORT—March's I. F. Sons
BRISTOL—Leedom W. F.
Peirce & Williams
BROOKVILLE—McKnight & Son
BUTLER—Niggel's J. Son
CANONSBURG—Elliott W. J.
CARBONDALE—Cavanaugh C. Mills Bros.
CARLISLE—Bixler J. P. & Sons
Goodyear Bros.
CATASAUQUA—Delly G. B. F.
Schneller C. W.
CHAMBERSBURG—Hiteshaw & Co.
CHARLEROI—Mounster R. C.
CHESTER—Chester Lumber & Coal Co.
Wood, Lumber & Coal Co.
CHRISTIANA—Cooper Mark P.
CLEARFIELD—Fullington E. M.
COATESVILLE—Pownall Hardware Co.
CONNELLSVILLE—Fayette Lumber Co.
CONSHOHOCKEN—Jones Wm. Potts
CORAOPOLIS—Watson T. F. & Bro.
CORRY—Barlow Hardware Co.
Wales Hardware Co. (Ltd.)
CRAFTON—Crafton Lumber & Supply Co.
DANVILLE—Cole J. H.
Welliver W. W.
DARBY—Thurston Oscar
DEVON—Lobb C. A. & Sons
DOYLESTOWN—Barrett James & Son
Beidler Henry S.
Randall W. L.
DUBOIS—DuBois Jno. E.
Hibner-Hoover Hardware Co.
EASTON—General Supply Co.
Mason's Supply Co.
Messinger Teaming & Supply Co.
EAST STROUDSBURG—East Stroudsburg Lumber Co.
EMAUS—Brown Chas. D.
ERIE—Boyd & Schafer
Erie Hard Wall Plaster Co.
Thayer O. C. & Son
ETNA—Stevenson Milford, Est. of
EVANS CITY—Burry & Markel Co.
EVERETT—Cottage Planing Mill Co.
FERNWOOD—Hoopes Rufus C.
FLEETWOOD—Schaeffer, Wanner & Co.
FRANKLIN—Franklin Lumber Co.
Howard Lumber & Coal Co.
James Lumber Co.
GLENOLDEN—Mitchell J. E.
GREENVILLE—Packward Hardware Co.
HAMBURG—Lenhart I. S.
HANOVER—Schmuck Co.
Kelley H. M. & Co.
HARRISBURG—Cowden & Co.
Kelley H. M. & Co.
Rhoads J. E.
HAZLETON—Frederick S. Y. & Son
Hazleton Machinery & Supply Co.
Schaub Justus
Wagner Bros. Hardware Co. (Paints)
HOLLIDAYSBURG—Condron J. B.
Law John H.
HOMESTEAD—Vallowe Bros.
HOOVERSVILLE—Meyers H. J. & W. A.
HUMMELSTOWN—Engle's Jno. S. Sons
Holler Chas.
HUNTINGDON—Miller C. H. Hdw. Co.
INDIANA—Stewart Jas. M. & Co.
IRWIN—Fox L. C.
JOHNSTOWN—Johnston Planing Mill Co.
Thomas-Kinzey Lumber Co.
Walters John W.
KINGSTON—Edwards & Co.
Roat A. J. Supply Co.
KITTANNING—McConnell & Watterson Co.
McCullough James Jr.
KUTZTOWN—Heffner Dietrich & Co.
LANCASTER—Lancaster Lime & Supply Co.
Penna. Stone, Cement & Supply Co.
Reilly Bros. & Raub
Sener G & Sons
Steinman Hardware Co.
LANSDALE—Brady James
LATROBE—Doherty Philip Hdw. & Supply Co.
McFeely Brick Co.
LEBANON—Granitine Wall Plaster Co
Krause George Hardware Co.
LEWISBURG—Dreisbach's C. Sons
LEWISTON—Franciscus Co.
LINWOOD STATION—Wood Bros.
LITITZ—Hershey-Leamon Co.
McKEESPORT—Bowman Bros. Co.
Hartman Hdw. Co.
Serena John Co.
Wishart A. & Sons Co.
McKEES ROCKS—Bluming P.
Young & Schmitt
MACUNGIE—Singmaster J & Co.
MANSFIELD—McDowell Chas.
MAUCH CHUNK—Neast Chas. & Co.
MEADVILLE—Harris C. P.
Smith Lumber Co.
MECHANICSBURG—Martin C. & Son
MEDIA—Williamson C. F.
MIDLAND—Marshall & Beglin
MIFFLIN—Manbeck W. H. & Co.
MONONGAHELA—Yohe Bros.
MONROETON—Cranmer H. A. & Sons
MONTROSE—Cooley & Son
MOORE—Moore G. W. & Co.
MOSCOW—Loveland J. E.
MOUNT PLEASANT—Stevenson J. A. & Co.
NAZARETH—Nazareth Coal & Lumber Co.
NEW BETHLEHEM—Anderson Hdw. Co.
Andrews Lumber Co.
NEW BRIGHTON—Martsolf Bros. Co.
Martsolf George W.
NEW CASTLE—Burns Bros.
Marshall Bros.
Ramsey D. G. & Sons
NEW FREEDOM—Bahn Walter D & Co.
NEW KENSINGTON—Klingensmith H. A. & Son
McKean J. S. & Sons Co. (Ltd.)
NEW SALEM—McCormick S. O.

NORRISTOWN—Evans B. & Bro.
Landis William G.
Quillman Benj. Hardware Co.
NORTH WALES—Leister Frank H.
OGONTZ—Nagle Louis A. & Co.
OIL CITY—Borland & Diamond Lumber Co.
Caldwell Lumber Co.
OLYPHANT—Lally Jas. H.
PEN ARGYL—Correll R. S.
PENNS STATION—Myers J. E.
PERRYOPOLIS—Perry Mfg. Co.
PHILADELPHIA—Ambler H. C. Contracting Co., 3717 Old York rd
Borgner Cyrus Co. (Distributors of Lehigh Portland Cement), 234 N 23d
Bowditch Walter, Haines & Baynton, Gtn.
Bradley Walter T. Co., 9th & Thompson
Cox's C. A. Sons, 2139 American
Dobbs Samuel B. (Brick), 1218 Chestnut
Dougherty Cornelius, 1207 Passyunk av
Fairlamb P. H. Co., 115 S 30th
Fitzgerald John J. & Co., 2d & Butler
France David Co., Tasker st. Wharf
Frankford Coal & Lime Co., 4430 Penn.
Fredericks Chas. C., Wayne av, c Reading Ry, Gtn
French, Samuel H. & Co., York av, 4th & Callowhill
Fulmer & Henderson, Stenton av (Gtn.)
Gabell W. T., 2308 N 29th
Gilbert Harry W., Hutchinson & Venaugh
Hartranft Wm. G. Co., Real Estate Trust bldg
Housekeeper Benj. (Lime), 1526 N American
Kenderdine J. R., 332 Witherspoon bldg
Kerbaugh Lime Co., Wash'n av, c 15th
Keystone Plaster Co. (Adamant Wall Plaster), North American bldg
Knickerbocker Lime Co., 366 N 24th
Krause Wm., 1621 N 5th
Kugler Clarence B. Jr. & Co., Land Title bldg
Kyle Geo., 73d c Grays av
Lukens & Yerkes, Stephen Girard bldg
McClemen H. A. & Bro., Shunk & 13th
Manayunk Coal & Lime Co., Main & Umbria
Meng Anthony & Co., 17 S Front
Peoples Bros., 25th & Callowhill
Prettyman Harry D., 2603 S Broad
Rutan John W., 1305 Arch
Smith Edwin A. & Son (Lime), 1017 Frankford av
Supplies Co. (General), Witherspoon bldg.
Tyson Jacob L., 900 Jeff
Vollmer P. S., Harrison bldg
Warner Chas. Co. (Wholesale & Retail), Finance bldg
Wilson & Gardner Co., 5541 Lena Germantown
PITTSBURGH—Birmingham Supply Co., S 17th
Dela Clay Products Co., Westinghouse bldg.
Duncan & Porter Co., 310 Mendota
Harbison-Walker Refractories Co. (Fire Brick), Farmers' Bank bldg
Heppenstall & Marquis, 32d
Houston Bros. Co., Chamber of Commerce bldg.
Jiles Jas. Co., Stayton
Keller Bros., 6347 Station
Kennedy D. J. Co., 6366 Frankstown av
Knox, Strouss & Bragdon, Juniata & Preble
Kreusler & Co. Ltd. (Salvage Engineers), 3301 Penn av.
Leggett Wm. T. Co., 2621 Liberty
MILLER & COUSON, 5748 Ellsworth av
Munhall R. J. Lumber Co., Sidney & Brady
National Mortar & Supply Co. (Lime Only), 2d Nat'l Bank bldg
Rodgers Sand Co., Wood & Water
Williams W. H. & Co., 100 Penn
Winfield Sand Co., 2d Nat'l Bank bldg
PITTSTON—Dershimer & Griffin
Patterson J. E. & Co.
PLATEA—Cook J. W. & Sons
POTTSTOWN—Baily Hardware Co.
Fegely J. & Son
Hallman Wm.
Halteman J. L.
Van Buskirk & Bro.
POTTSVILLE—Bright George Hardware Co.
Ryon John P.
PUNXSUTAWNEY—Brown Hardware Co.
Kurtz Coal Lumber & Supply Co., Dept. H.
QUAKERTOWN—Achey Benj.
Walp C. H. & Bro.
READING—Bard Hardware Co.
Bright & Co.
Fisher Chas. H.
Gring J. M. Co.
Reading Lumber Co.
Roth A. L. Co.
RIDGWAY—Hyde W. H. & Co.
ROCHESTER—McDonald & Hartman
ROYERSFORD—Buckwalter J. A.
RUSSELL—Reynolds A.
SAEGERTOWN—Peters Frank L.
SAINT MARYS—Ritter Leonard
SALTSBURG—Davis Bros. & Co.
SALUNGA—Hiestand & Co.
SCRANTON—Benore John
Keller Luther
Maloney Oil & Mfg. Co.
Mason & Snowdon Lumber Co.
Paragon Plaster & Supply Co.
SEWICKLEY—Hays Alden F.
SHAMOKIN—Shamokin Lumber & Mfg. Co.
SHARON—McIntyre Wm. & Sons
Sharon Building Co. (Ltd.)
Wallis & Carley Co.
Wishart A. & Sons Co.
SHARPSBURG—Chalfant A. M.
SHARPSVILLE—Covert & Stewart
SLATINGTON—Dettmer & Handwerk
Fritzinger William A.
SOUDERTON—Moyer & Son
Souder & Crouthamel
SPRING CITY—Davis & Mowrey
STEELTON—Hess John
SUNBURY—Sunbury Supply Co.
Whitmer William & Sons Co.
SWARTHMORE—Ogden C. G. & Co.
TITUSVILLE—Edwards H. B.
Shank I. L.
Ward C. J.
TOWANDA—Myer Berlin F.
TROY—Spalding H. M. & Son
TUNKHANNOCK—Billings Paul & Sons
TYRONE—American Lime & Stone Co.
Beyer F. D. & Co.
Franciscus Hardware Co.
Grazier Bros.
UNION CITY—Union Coal & Supply Co.
WARREN—Pickett Hardware Co.
WASHINGTON—Paul & Post
WAYNE—Connor I. W. Co.
WAYNESBORO—Beck & Benedict
Eclipse Wall Plaster Co.
Newcomber J. M. & Co.
WEST CHESTER—Bennett & Lear
Hoopes Ralston R.
WEST GROVE—Chambers S. K. & Bro.
WILKES-BARRE—Eastern Penna. Supply Co.
Goff Lumber Co.
Henry Frank N.
Patterson James E. & Co.
Robbins Lumber Co.
Schmitt's John A. Sons
Wilkes-Barre Masons' Supply Co.
WILLIAMSPORT—Diamond Wall Cement Co.
Huffman W. H. C. Sons
Kline & Co.
Stuempfle's David Sons
YORK—Barnitz George A.
McClellan & Gotwalt Co. (Ltd.)
Small P. A. & S. Co.
York Valley Lime Co.
Zinn Bros.
ZELIENOPLE—Kennedy J. J.

RHODE ISLAND.

BRISTOL—Wardwell Lumber Co.
NEWPORT—Friend John M.
Hammet A. & H. G. Co.
PAWTUCKET—City Coal Co.
Cottrell J. T. Co.
Newell Coal & Lumber Co.
Olney & Payne Bros.
PROVIDENCE—Goff James C. Co., 31 Point
Harris Wm. M. Jr., 546 Atwells av
Horton H. R. Co., 459 S Water
McKendall Frank D., 519 Charles
Manchester & Hudson Co., 55 Point
Olneyville Hay & Grain Co., 25 Manton av
Whaley J. A. & Co., 41 Smith
RIVER POINT—Potter Frank E.
WAKEFIELD—Wakefield Lumber Co.
WESTERLY—Kenyon H. T. & Co.
Sherman's R. A. & Sons Co.
WOONSOCKET—City Lumber Co.
Woonsocket Lumber Co.

SOUTH CAROLINA.

ANDERSON—Anderson O. D.
Brissey W. L. Lumber Co.
White & Co.
BEAUFORT—Christensen N. & Sons
CHARLESTON—Anderson Lumber Co.
Carolina Portland Cement Co.
Hughes Co.
Johnson Wm. & Co.
Van Smith Bldg. Material Co., 276 E Bay, Dept H
COLUMBIA—Brown C. O. & Bro.
Lorick & Lowrance
Powell Fuel Co.
GAFFNEY—Builders' Supply Co.

SOUTH DAKOTA.

BELLEFOURCHE—Tri State Milling Co.
CHAMBERLAIN—Anderson J. F. Lumber Co.
MITCHELL—Anderson J. F. Lumber Co.
SIOUX FALLS—Ross H. W. Lumber Co.
Loonan Lumber Co.
Tuthill J. W. Lumber Co.
YANKTON—Loonan Lumber Co.

TENNESSEE.

BRISTOL—Mitchell-Powers Hardware Co.
Stone Lumber Co.
CHATTANOOGA—Chattanooga Builders' Supply Co.
Gager Lime & Mfg. Co.
Howard Park Brick Co.
Sloan & Company
JACKSON—Central Lumber Co.
City Lumber Co.
Enochs Lumber Co.
KNOXVILLE—Chandler & Co.
King, Mantel & Furn. Co.
Knoxville Lumber & Mfg. Co.
Tenn. Lime & Sand Co.
Wright Cruze Hardware Co.
MEMPHIS—Cook A. J. & Co.
Crump Bros.
Fischer Lime & Cement Co.
Tri-State Builders' Supply Co.
MORRISTOWN—Baylor C. E. Co.
NASHVILLE—Cohn & Goldberg
Hardison W. T. & Co.
Herbert T. L. & Sons
Kirkpatrick J. O. & Sons
Love, Boyd & Co.
Nashville Builders' Supply Co.
Norvell & Wallace
Ransom J. B. & Co.
Southern Door & Glass Co.
TULLAHOMA—Lawson T. D.

TEXAS.

ALBANY—Rockwell Bros. & Co.
AUSTIN—Austin White Lime Co.
Tips Walter Co.
BASTROP—Willbarger J. L.
BEAUMONT—Texas Bldrs' Supply Co.
Wilson E. L. Hdw. Co.
CISCO—Burton-Lingo Co.
CLEBURNE—Burton-Lingo Co.
Wilson H. S.
COLORADO—Burton-Lingo Co.
CORPUS CHRISTI—Sidbury Lumber Co
CORSICANA—Whitselle Brick & Lumber Co.
DALLAS—Fraser Brick Co.
Griffiths & Co.
Moore & Co.
DENISON—Hanna Bros.
Lingo-Leeper Co.
DENTON—Wilson J. B. & Co.
EL PASO—Bassett O. T. & Co.
Courchesne A.
El Paso Lumber Co.
Santa Fe Fuel Co.
Sheehan-North Co., Dept. H
FORT WORTH—Burton-Lingo Co.
Cameron Wm. & Co.
Nash Hardware Co.
Owens B. W. Lumber Co.
Smith Cicero Lbr. Co.
GALVESTON—Fowler & McVitie
Parr Wm. & Co.
GROESBECK—Walker & Sons
HOUSTON—Barthold & Builders Sup. Co.
Bland Jeff Lumber & Building Co.
Farrar Lumber Co., Dept. H, Texas & Dowling
Humphreville W. E.
Macatee W. L. & Sons
Walcott Frank B.
KERRVILLE—Schreiner Chas. Co.
LAREDO—Deutz A. & Bro.
Johnson S. N.
MASON—Grosse R. E.
NAVASOTA—Youens J. & Co.
ORANGE—Lutcher & Moore Lumber Co.
Miller-Link Lumber Co.
Sabine Supply Co.
PALESTINE—Broyles W. & G. D.
PARIS—Bettes H. S. Hardware Co.
SAN ANTONIO—Builders' Supply Co.
Dielmann Jno. C.
SCHULENBERG—Schaefer H. P.
SHERMAN—Fielder A. A. Lumber Co.
Wilson J. B. & Co.
TEMPLE—Campbell C. M. & Sons
Hollingsworth Joseph
TEXARKANA—Hoffman Hardware Co.
VICTORIA—Goldman A.
WACO—Brazelton-Lumber Co.
Nash-Robinson Co.

UTAH.

OGDEN—Eccles Lumber Co.
Lowe Geo. A. Co.
SALT LAKE CITY—Langston Lime & Cement Co.
Morris Elias & Sons Co.
Morrison, Merrill & Co.
Portland Cement Co. of Utah
SPANISH FORK—Jex Lumber Co.

VERMONT.

BRATTLEBORO—Morse W. A., Dept. H.
Robbins & Cowles
BURLINGTON—Burlington Grocery Co.
CAVENDISH—Robbins B. A. Lime Co.
FAIR HAVEN—Reed Coal Co.
NEWPORT—Macdiarmid & Co.
POULTNEY—Bixby E. M.
Ripley Lumber Co.
Sherman S. & Son
RANDOLPH—Lamson J. H. & Sons
RUTLAND—Burditt Bros.
Curtis S. P. & Son
Landon Walter C. & Co
ST. ALBANS—Bostwick Bros.
ST. JOHNSBURY — Caldbeck-Cosgrove Corp.
Ide E. T. & H. K.

VIRGINIA.

ALEXANDRIA—Robinson's Geo. H. Sons
Smoot W. A. & Co.
BERRYVILLE—Baker H. W.
CHARLOTTESVILLE—King Lumber Co.
Wood, Vest & Co.
CHASE CITY—Roberts B. A. Son & Co.
HAMPTON—Born L. & Son.
Heffelfinger Co.
HARRISONBURG—Snell J. M. & Co.
LYNCHBURG—Adams Bros. Paynes Co.
De Witt H. E. Lumber Co.
Taylor W. O.

MASONS' & BUILDERS' MATERIALS—c't.
VIRGINIA—continued
NEWPORT NEWS—Acme Supply Co.
Benson-Phillips & Co.
NORFOLK—Batchelder & Collins
Bayne C. M. & Co.
Building Supplies Corp.
Dixie Lime & Cement Corp.
Friebus G. S.
Gamage John O.
Jones & Co.
Nottingham & Wrenn Co.
Nash C. A. & Son, 118 Atlantic
NORTH HOLSTON—Southern Gypsum Co.
PETERSBURG—Burgess D. H. & Co.
Friend & Co.
PHOEBUS—Tennis Edgar M.
PORTSMOUTH—Oast Samuel P., 1101 Court
Portsmouth Contractors Supply Corp.
RICHMOND—Baldwin & Brown, 1557 E Main
Hawes S. H. & Co., 1801 E Cary
Lathrop C. P. & Co., 1600 E Marshall
Moore, Warner & Co., 17th
Sitterding-Carneal-Davis Co., 1601 W Leigh
ROANOKE—Adams, Payne & Gleaves
Central Mfg. Co.
Exchange Lumber Co.
Virginia Lumber & Mfg. Co.
STAUNTON—Clem Bros.
SUFFOLK—Allen R. R.
Folk E. L. Co.
WARRENTON—Wood, P. D. & Co.
WINCHESTER—Glaize Bros.

WASHINGTON.

ANACORTES—Curtis Wharf Co.
BELLINGHAM—Cain-Grimshaw Co.
Morse Hardware Co.
CHELAN—Dunham H. E.
CLE ELUM—Hutter Frank
ELBERTON—Eitel H. C.
EVERETT—Shaw Harry W.
KELSO—Remick A. R.
KETTLE FALLS—Richard D. M.
NORTH YAKIMA—Fosseen A. B. & Co.
ODESSA—Finney G. W. Lumber Co.
OKANOGAN—Dunham W. H.
OMAK—Omak Lumber Co.
SEATTLE—Balfour-Guthrie & Co.
Boyd Fred. Co.
Crowe F. T. & Co.
Curtiss Wm. M. Co., 5016 20th, N W
Dally S. W. R.
Dudley G. S. & Sons
Fryer David E. & Co.
Galbraith, Bacon & Co.
Kerr, Gifford & Co.
McMullen & Co.
Milligan & Nesbitt
Monks & Miller
Rodgers Chas. W. Co., Maritime bldg
Seattle Sand & Gravel Co.
Spring Hill Fuel Co.
SEDRO WOOLLEY—Skagit Commission Co.
SOUTH BEND—Rude C. O.
SPOKANE—Fryer D. E. & Co., H Paulsen bldg.
Idaho Lime Co.
Pearson-Mowbray Co.
Washington Brick Lime & Sewer Pipe Co.
SUMAS—Thomas Rees
TACOMA—Crowe F. T. & Co. (Complete Line)
Griffin Transfer Co.
Tacoma Trading Co.
WALLA WALLA—Loney Samuel & Co.
Snell Geo. H.
WATERVILLE—Stevens Lumber Co.

WEST VIRGINIA.

BUCKHANNON—Alton Lbr. Co.
Drummond T. B. & Co.
CHARLESTON—Courtney Co.
Goshorn Hardware Co.
CLARKSBURG—Williams Hardware Co.
HUNTINGTON—Dickerson Lumber Co.
Miller Supply Co.
Minter Homes Corp.
Mossman Bros. Co.
HURRICANE—McCallister Wm. H.
KEYSER—Liller W. A.
Steorts H. G.
MORGANTOWN—Morgantown Brick Co.
PARKERSBURG—Beckwith Joel
Niswander G. W. & Co.
Senseman J. M. Lumber Co.
WHEELING—Chapman W. A. & Sons
Wilson W. A. & Sons

WISCONSIN.

APPLETON—Marston Bros. Co.
Ideal Lumber & Coal Co.
ASHLAND—Ashland Lime, Salt & Cement Co.
BARABOO—Stewart & Alexander Lumber Co.
BEAVER DAM—Roedl & Jacobs Co.
BELOIT—Beloit Lumber Co.
Keeler Lumber & Fuel Co.
McGavock Bros.
Rock River Lumber Co.
Star Coal Co.
BERLIN—Wilbur Lumber Co.
BLACK EARTH—Mickelson A. A. & Son
BLACK RIVER FALLS—Black River Falls Lumber & Mercantile Assn
BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)
BURLINGTON—Wilbur Lumber Co.
CHIPPEWA FALLS—Clark Grain & Fuel Co.
Coleman H. B.
EAU CLAIRE—Evans-Lee Co.
FORT ATKINSON — Zeugner-Hoffman Lumber Co.
FOUNTAIN CITY—Roettiger H. & F.
GRAND RAPIDS—Bossert Fred.
GREEN BAY—Barkhausen Henry A.
Flatley Bros. Co.
Killman & Challe
HARTFORD—Grimm John A.
HONEY CREEK—Wilbur Lumber Co.
JANESVILLE—Brittingham & Hixon Lumber Co.
Fifield Lumber Co.
Schaller-McKey Lumber Co.
KAUKAUNA—Kaukauna Lumber & Mfg. Co.
KENOSHA—Dunnebacke Co.
LA CROSSE—Colman C. L. Lumber Co.
Hart H. C. Implement Co.
Sobkowiak Frank
LAKE GENEVA—Durkee F. M. & Son
Wilbur Lumber Co.
MADISON—Britlingham & Hixon Lbr. Co.
Castle & Doyle.
Conklin & Sons Co.
Cooley C. F.
MANAWA—Little Wolf River Lumber Co.
MANITOWOC—Johnson J. G.
Manitowoc Land & Fuel Co.
MARINETTE—Ludington N. Co.
Lyon Bros.
MARSHALL—Wilbur Lumber Co.
MENASHA—Plummer H. H.
MILTON—Saunders T. A. & Son
MILWAUKEE—Brandt W. H. & Co., 3015 Walnut
Burnham Bros. Brick Co., 68 Wisconsin
Cream City Sand Co., 601 Edison
Druecker Jos. Sons' Co., Atwater rd
Kuenzli Henry & Co.
Milwaukee Building Supply Co., 425 E Water
Milwaukee Falls Lime Co.
Milwaukee Sand & Gravel Co., 779 N Water
Moritz F. G., Pabst bldg
Penna. Coal & Supply Co., 672 Kinnickinnie
Pipkorn W. H. Co.
Ricketson & Schwarz, 432 B'way
Taylor, Button Fuel Co., Pt. Wash. rd
Waukesha Lime & Stone Co., 425 E Water
Western Lime & Cement Co., Pabst bldg
Wilbur Lumber Co., Pabst bldg
MONROE—Becker Wm. A. Co.
Dodge Lumber Co.
NEENAH—Twin City Fuel Co.
NORTH LAKE—Wilbur Lumber Co.
NORTH MILWAUKEE—Eggert Charles
OSHKOSH—Cook & Brown Lime Co.
Hollister, Amos & Co.
PORTAGE—Mohr C. F.
RACINE—Asdahl & Nelson
Olley Geo.
Stoffel & Brach
RHINELANDER—Brown Bros. Lumber Co.
Robbins Lumber Co.
RICHLAND CENTER—Krouskop A. H.
SAUK CITY—Lachmund Lumber & Coal Co.
SEYMOUR—Droeger Hardware Co.
Miller & Piehl
SHEBOYGAN—Ebenreiter Lumber Co.
SILVER LAKE—Wilbur Lumber Co.
SPRINGFIELD—Wilbur Lumber Co.
SULLIVAN—Collins Bros. Lumber Co.
WATERLOO—Wilbur Lumber Co.
WATERTOWN—Burns J. W.
Tetzlaff H.
WAUKESHA—Gittner Coal & Supply Co.
Palmetier & Abel Lumber Co.
Wilbur Lumber Co.
WAUPACA—Waupaca Sand & Gravel Co.
WAUSAU—Curtis & Yale Co.
Nickel Hardware & Supply Co.
Paff Wm. A.
Stewart Alexander Lumber Co.
WEST ALLIS—Meigs H. G. Co.
Wilbur Lumber Co.
WESTFIELD—Cochrane T. H. Co.
WHITEWATER—Whitewater Lumber Co.

WYOMING.

LARAMIE—Holliday W. H. Co.

9600—Mast Arms (Arc Lamp, Etc.)

Brady Electric Mfg. Co., New Britain, Conn.
Buffalo Specialty Co. ("Duplex"), 375 Ellicott, Buffalo, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. ("Cutter's"), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hubbard Co., 63rd & Butler, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Pettingell Andrews Co. ("Philbrick"), 166 Pearl, Boston, Mass.
Philadelphia Electrical & Mfg. Co. ("Pemco," Made from Pipe), 1236 N 31st, Phila., Pa.

9601—Masticators (Rubber & Carbon)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.

9602— Masts & Spars

Boston Oregon Mast Co., 131 Coleridge, East Boston, Mass.
Endresen Spar & Timber Co., Hoquiam, Wash.
Hoskins J. S. Lumber Mfg. Co., Md. Casualty Tower, Baltimore, Md.
Lawley Geo. & Son Corp., Neponset, Boston, Mass.
Northwest Lumber Co., Seattle, Wash.
Ostrander Ry. & Timber Co., Ostrander, Wash.
Pacific Mutual Door Co., Tacoma, Wash.
Pigeon, Fraser Hollow Spar Co. (Clear White Spruce, Hollow & Solid Spars, 20 to 120 ft.), E Boston, Mass.
Pope & Talbot, ft. of 3d, San Francisco, Cal.
Puget Mill Co., Seattle, Wash. Mills: Port Gamble, Wash.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
Simmons John Co. (Tubular Steel), 110 Centre, New York
See adv index at end of book
Tacoma Mill Co., Tacoma, Wash.
Union Spar Co., Gloucester, Mass.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.
Woodall Wm. E. & Co., ft of Woodall, Baltimore, Md.

9603— Match Mfrs.

Budde & Westermann ("Triangle" Brand Safety), 7th av & 29th, New York
Diamond Match Co., 111 B'way, New York
Fear Fred Match Co., Bloomsburg, Pa.
Huner John T., Evergreen, N. Y.
Indiana Match Corp., Crawfordsville, Ind.
Lion Match Co., Inc. (In safety book form), 91 Grand, New York
Merkle-Wiley Broom Co., Paris, Ill.
Metropolitan Match Co., 503 Market, San Francisco, Cal.
Ohio Match Co., Wadsworth, O.
Penna. Match Co., Bellefonte, Pa.
Reliable Match Co., Ashland, O.
Sommers Bros. Match Co., Saginaw, Mich.
Union Match Co., Duluth, Minn.
Zan Bros., Portland, Ore.

9604—Mats (Asbestos Table)

Asbestos & Rubber Works of America, 58th & B'way, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
See adv index at end of book
Chicago Asbestos Table Mat Co. ("Peerless" Dining Table, 215 Loomis, Chicago, Ill.
Johns-Manville Inc., Madison av & 41st, New York
Kerney Mfg. Co., 148 W 62nd, Chicago, Ill.
Rishel J. K. Furniture Co., Williamsport, Pa.
Turner Asbestos Co., Exeter, N. H.

9605— Mats (Blasting)

Anchor Blasting Mat & Rope Co., 245 E 32d, New York
Dienst A. P. & Co., 2604 3d av, New York

9606—Mats (Combination Cocoa & Steel)

Hinman D. A. & Co. ("Peerless" Door), Sandwich, Ill.

9607— Mats (Cork)

Armstrong Cork Co. (Bath & Table), 24th & A. V. R. R., Pittsburgh, Pa.
La Porte Mat & Mfg. Co. ("Dreadnaught") ("Foot") ("Steelbound"), La Porte, Ind.

9608—Mats (Felt, Steel Bound)

Carey Philip Mfg. Co. ("Carey Ezola"), 330 Wayne av, Lockland, Cincinnati, Ohio
La Porte Mat & Mfg. Co. ("Dreadnaught" Tread), La Porte, Ind.

9609— Mats (Hair)

Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Wilson & Co., Union Stock Yards, Chicago, Ill.

9610—Mats (Leather Rolling)

Climax Motor Devices (Magneto & Generator Couplings), 5209 Prospect av, Cleveland, O.
LEATHERSTEEL PRODUCTS CO., 73 Long Wharf, Boston 9, Mass.
Leathersteel Products Co. ("Leathersteel"), 73H Long Wharf, Boston 9, Mass.
Page Belting Co., Concord, N. H.
Salisbury W. H. & Co. (Leather Link), 308 N Madison, Chicago, Ill.

9611— Mats (Picture)

Boston Mat & Basket Co., 94 Commercial, Boston, Mass.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
Mueller Bros. Art & Mfg. Co., 2641 Polk, Chicago, Ill.

Mats (Rubber)

See Mats & Mattings, Steel Wire

Mats (Steel Wire)

See Mats & Mattings, Steel Wire

9612— Mats (Stove)

Gillen-Chambers Co. (Asbestos), Portland, Ore.
Keasbey & Mattison Co. (Asbestos), Ambler, Pa.
New Standard Hardware Works Inc., Mount Joy, Pa.
Peoria Can Co. (Asbestos), Peoria, Ill.

9613— Mats (Street Car)

See also Other Mat Classifications
Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary" Flexible Steel), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Cyclone Fence Co., Waukegan, Ill.
LEATHERSTEEL PRODUCTS CO., 73 Long Wharf, Boston 9, Mass.

9614— Mats (Switchboard)

Consumers Rubber Co. ("Euclid"), 829 Superior, Cleveland, O.

9614a— *Mats (Press Cloth)

American Sail Making Corp., 51 Fulton, New York
National Equipment Co., Springfield, Mass.
ORIENTAL TEXTILE MILLS (Hair & Wool), Houston, Texas & 50 Church, New York

9615— Mats (Wire Table)

Woods-Sherwood Co., Worcester, Mass.

9616— Mats (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Modern Mfg. Co. ("Clean U. Well" Door), Hagerstown, Md.

9617— Mats (Wood Rolling)

See also Mats, Street Car
Keystone Wire Matting Co. ("Rolamat"), Beaver Falls, Pa.

9618—Mats & Matting (Cocoa)

Darragh Small Co., Ltd. (Calcutta & Domestic), 177 Water, New York
Eastmond & Co. (Imp.), 128 Pearl, New York
Fels Fibre Fabric Co., Lowell, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
India Cocoa Matting Mfg. Co., 86 Butler, Brooklyn, N. Y.
Lamond & Robertson Co., Paterson, N. J.
McCabe Benj. & Bro., 37 E 18th, New York
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Rancocas Mills ("Diamond J. D."), Trenton, N. J.
Tyler Mfg. Co. (For Running Boards), 64 Pearl, Boston, Mass.
Wild Jos. & Co., 366 5th av, New York
WILLIAMS & WELLS CO. (Imp.), 253 Fulton, New York
See adv index at end of book

9619—Mats & Matting (Rattan, Etc.)

Heywood Bros. & Wakefield Co., Gardner, Mass.

9620—Mats & Matting (Rubber)

See also Tile, Rubber
Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Tiger," "Standard," "Lenox," "Pyramid," "Lenox Bath"), Cambridge, Mass.
Cantslip Manufacturing Co. ("Cantslip"), 16 Cedar, New York
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp. (of Every Description), Trenton, N. J.
Essex Rubber Co. ("Pyramid"), Trenton, N. J.
Federal Rubber Co. The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co., 539 Mission,, San Francisco, Cal.
See adv index at end of book
Gutta Percha & Rubber Mfg. Co. (Perforated Door, Barber, Corrugated, Pitcher, Cuspidor, Bottle, Diamond & Glass Mats & Corrugated Matting), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co. ("Magnus," "Elmwood" Knot Corrugated & Alternate Design; also Perforated Mats), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton sq, N. J.
National India Rubber Co. (Perforated Mould, etc), Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York City
Pennsylvania Rubber Co. (Corrugated, Cuspidor, Bath Tub, Perforated Pebble, Pressed, Automobile, etc), Jeannette, Pa.
Perrott Mfg. Co., Dept. H, Beaver Falls,
Pioneer Rubber Mills, 68 Sacramento, San Francisco, Cal.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co. ("Hercules"), 629 Market, Phila, Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Boston, Mass.
Salisbury W. H. & Co. ("Electric," "Perforate" & "Velvet"), 303 N Madison, Chicago, Ill.
Tyer Rubber Co. (Door, Pitcher, Coin & Barbers' Mats), Andover, Mass.
United & Globe Rubber Co., Trenton, N. J.
United States Rubber Co., 1790 B'way, New York
Victor Rubber Co., Springfield, O.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Door & Small Mats Only), Goshen, Ind.
Woven Steel Hose & Rubber Co., Trenton, N. J.

9621— Mats & Matting (Steel)

Acme Steel Goods Co. ("Acme" Flexible Reversible Steel Mats), 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary" Everlasting Flexible), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Cyclone Fence Co. (Sanitary Steel Door Mats), Waukegan, Ill.
Hamblin & Russell Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.
Jencks E. Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.
Keystone Wire Matting Co. ("Keystone" Flexible), Beaver Falls, Pa.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
LaPorte Mat & Mfg. Co. ("Hercules" Flexible), La Porte, Ind.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Pettler Wire Products Co. ("Cleanwell" Flexible Steel), Beaver Falls, Pa.
Sanitary Wire Door Mat Co. ("Sanitary" Door Mats & Auto Running Board Mats), 413 S Lincoln, Chicago, Ill.
Smith F. P. Wire & Iron Works (Flexible, Flat Steel), 2340-48 Clybourne av, Chicago, Ill. *See adv index at end of book*
Wayne Mfg. Co. (Flexible), 247 N. J. R. R. av, Newark, N. J.
Wear-Proof Mat. Co. ("Wear-Proof" Galvanized Steel & Creosoted Wood Felt), 500 S Peoria, Peoria, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire & Metal Wares Co., Erie, Pa.

9622—Mats & Matting (Steel Wire)

Cyclone Fence Co., Waukegan, Ill.
Keystone Wire Matting Co. ("Ideal"), Beaver Falls, Pa.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
La Porte Mat & Mfg. Co. ("Eclipse," Door), La Porte, Ind.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Parker Wire Goods Co. (Flexible Wire Door Mats), Worcester, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Standard Wire Co., New Castle, Pa.
The Ludlow Saylor Wire Co., 913H Pine, St. Louis, Mo.
U. S. Wire Mat Co. ("U. S. Flexible"), Decatur, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams Geo. A. & Son (("Keystone," Flexible), 85 Fulton, New York
Wire Goods Co. ("Elastic" Steel Door Mats), Worcester, Mass.
Worth Wire Works, Kokomo, Ind.

9623— Matting (Aluminum)

ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book
METALLIC AUTOMOBILE MATTING CO, 181 York, Rochester, N. Y.
Seligman Arthur (Imp.), 165 B'way, New York

9624—Matting (Electric Floor)

Partrick & Wilkins Co., 51 N 7th, Phila., Pa.

9625— Matting (Fibre)

Harvey Fibre Carpet Co. ("Kolorfast"), Trenton & Allegheny av, Phila., Pa.
Hodges Fibre Carpet Co., 212 5th av, New York
New England Rug Co. ("Melrose"), Lawrence, Mass.
Plymouth Mills, 1115 B'way, New York

9626— Matting (Grass)

Crex Carpet Co. ("Crex"), 1134 B'way, New York
Deltox Grass Rug Co. ("Deltox"), Oshkosh, Wis.
Jacob Chas. W. & Allison (Imp.), (Raffia Grass), 18 Cedar, New York
Waite Grass Carpet Co., Oshkosh, Wis.
Willow Grass Rug Co. (Rugs), Green Bay, Wis.

Matting (Insulating)

See Mats, Switchboard

For Entrances, Corridors and Floor Spaces Exposed to Hard Service, Dirt or Wet

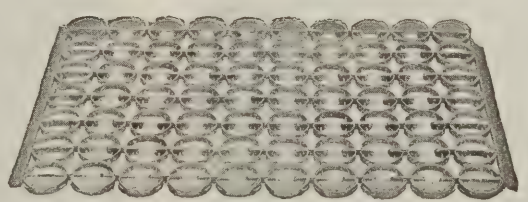
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REVERSIBLE

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SPECIAL SIZES MADE TO ORDER

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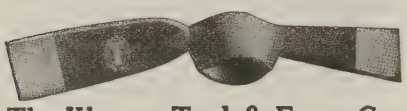
9627— Mattocks

See also Picks, Mattocks & Grub Hoes

Warren Tool & Forge Co. (Pick), Warren, O. *See adv index at end of book*

Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

MATTOCKS



The Warren Tool & Forge Co.

Warren, Ohio, U. S. A.

9628— Mattresses

Abbott J. G., Est of, Antrim, New Hampshire
Abernathy Furniture Co., Kansas City, Mo.
Acme Bedding Co., 1511 Bates, Indianapolis, Ind.
Acme Mattress Co., Kansas City, Mo.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Advance Bedding Co., La Crosse, Wis.
Akron Mattress Mfg. Co., Akron, O.
Alabama Broom & Mattress Co., Huntsville, Ala.
Albers & Lorenz, 635 E Water, Milwaukee, Wis.
American Bedding Co., Superior, Wis.
American Mattress, 5 Way, Boston, Mass.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress Co., Anderson, Ind.
Anderson Mattress & Spring Co., Anderson, S. C.
Angeles Mattress & Feather Works, 2218 S Main, Los Angeles, Cal.
Aronauer Jos., 61 Chrystie, New York
Athens Mattress & Spring Co., Athens, Ga.
Augusta Bedding Co., Augusta, Ga.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Avery Frank F., Framingham, Mass.
Baker O. D. Co., 60 Canal, Boston, Mass.
Balyeat Mfg. Co., Mansfield, O.
Barcalo Mfg. Co., Buffalo, N. Y.
Beck Bros., 260 Bruce, Newark, N. J.
Bedell Mfg. Co., 616 E N W., Washington, D. C.
Bellingham Bedding Co., Bellingham, Wash.
Bent G. W. Co., 93 Causeway, Boston, Mass.
Berger Wm. & Co., 392 Florida, Milwaukee, Wis.
Bergstein Bros., 208 Plymouth av, Minneapolis, Minn.
Bernhard Mattress Co., 739 Mission, San Francisco, Cal.
Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.
Billow-Firestone Co., Columbus, O.
Blackmore Co., 309 S Main, St. Louis, Mo.
Bloom & Godley Co., Trenton, N. J.
Blystone F. M., Elmira, N. Y.
Blystone W. I. & Son, Jamestown, N. Y.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Bowles & Bals, Corry, Pa.
Brandwein A., 2341 State, Chicago, Ill.
Braveman & Co., Wilkesbarre, Pa.
Bridgman Mattress Co., Knoxville, Tenn.
Broadway Bedding Co., Louisville, Ky.
Bryant Uph. Furniture Co., 1622 W 7th, Los Angeles, Cal.
Buckeye Bedding Co., Dayton, O.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Buelderick Fred E., Dempsey & C. H. & D. R. R., N. Fairmt, Ohio
Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.
Burt Mfg. Co., 226 Eddy, Providence, R. I.
Burton, Dixie Corp. (Cotton Felt, Hair & Kopak), 1319 Michigan av, Chicago, Ill.
Cameron Bros., 822 Federal, Pittsburgh, Pa.
Canton Mattress Co., Canton, O.
Carr Loftus H. & Co., 288 Flushing av, Brooklyn, N. Y.
Carman Mfg. Co., Portland, Ore.
Carter Bros. Mattress Co., Chattanooga, Tenn.
Cashion J. B. & Sons, Cornelius, N. C.
Chandley Co., Worcester, Mass.
Chattanooga Mattress Co., Chattanooga, Tenn.
Chittenden & Eastman Co., Burlington, Ia.
Cincinnati Cushion Co., 116 Opera Pl., Cincinnati, O.
Classe F. M., 2727 S B'way, St. Louis, Mo.
Cleese John P. Co., 18th & York, San Francisco, Cal.
Clune M. Co., 1407 S Meridian, Indianapolis, Ind.
Coglan W. J., Kankakee, Ill.
Cohen Louis, 232 E. 125th, New York
Coleman Bed Co., 1322 W. Monroe, Chicago, Ill.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Columbia Feather Co., 413 W Huron, Chicago, Ill.
Continental Bedding Co., 86 Beverly, Boston, Mass.
Cooney & Smith, Saginaw, Mich.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Feather Co., 19th & Harrison, San Francisco, Cal.
Crescent Felt Mattress Co., 400 N Hagen, New Orleans, La.
Danville Lounge & Mattress Co., Danville, Ill.
Davenport Bedding Co., Davenport, Ia.
Day H. L. Sons & Co., Bangor, Me.
Deinzer Mfg. Co., 57 Catherine, Detroit, Mich.
Dennis Mfg. Co., Waco, Texas
Denver Bedding Co., Denver, Colo.
Dixie Mattress Co., Hattiesburg, Miss.
Dodge-Dickinson Co., Bloomington, Ill.
Dougherty H. D. & Co., 17th & Indiana, Phila., Pa.
Doup L. G. Co., Omaha, Nebr.
DuBell Mfg. Co., Bath, N. Y.
Dubuque Mattress Factory, Dubuque, Ia.
Eau Claire Bedding Co., Eau Claire, Wis.
Eckerson Bedding Co., Mechanicsville, N. Y.
Electric City Bedding Co., Scranton, Pa.
Emmons Bros., Meridian, Miss.
Enterprise Mattress Co., 29 Beverley, Boston, Mass.
Evansville Mattress & Couch Co., Evansville, Ind.
Empire Mattress Co. ("Centerfilled"), 2231 W. Madison, Chicago, Ill.
Ervin Mfg. Co., El Paso, Texas
Fahnstock & Miller, Chambersburg, Pa.
Falls City Bedding Co., Louisville, Ky.
Fett John, 2715 S. Halsted, Chicago, Ill.
Fogg M. W., 202 Front, New York
Folding Mattress Co., New Haven, Conn.
Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.
Fort Worth Feather & Mattress Factory, Fort Worth, Texas
Foster Bros. Mfg. Co., 320 N Holliday, Baltimore, Md.
Garetson Mfg. Co., San Diego, Cal.
Gavin Joseph, 1133 S 8th, Phila., Pa.
Glen Nicholas T., Phila., Pa.
Globe Mattress Mfg. Co., 145 North, Boston, Mass.
Gordon Chapman Co., 1245 W 14th pl, Chicago, Ill.
Graham Mattress Co., Graham, Va.
Grand Rapids Bedding Co., Grand Rapids, Mich.
Greater New York Bedding Co., 39 East, New York
Grona A., San Antonio, Texas
Gross H. E. & Co., 823 Rebecca, Pittsburgh, Pa.
Grossberg H. T. & Co., 4658 B'way, Chicago, Ill.
Harman F. S. & Co., Tacoma, Wash.
Hartford Mattress Co., Hartford, Conn.
Hawkes L. W. & Co., Lowell, Mass.
Hellring & Grim Co., 906 Washington av, St. Louis, Mo.
Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
Hall Frank A. & Sons, 120 Baxter, New York
Harbach's L. Sons Co., Des Moines, Ia.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hardock Benj., 531 N 2d, Phila., Pa.
Hartman Bros., Quincy, Ill.
Harvey Wm., Norristown, Pa.
Hasselbarth C. O., Albany, N. Y.
Haynes Mattress Factory, Sealy, Texas
Hemenway Furniture Co., Alexandria, La.
Herr Mfg. Co., Lancaster, Pa.
Hess William T., York, Pa.
Hewitt L. & R. T., South Wethersfield, Conn.
Hinkle E. P. & Co., 488 Maine av, S W, Washington, D. C.
Hirsch & Spitz Mfg. Co., Atlanta, Ga.
Hirschman J. C. Co., 1201 E Maryland, Indianapolis, Ind.
Hodges Frederick G., Reading, Pa.
Hoey John & Co., Alameda & Rhode Island, San Francisco, Cal.
Hoffman Furniture Co., 37 Market, Newark, N. J.
Holman John & Co., 134 Richmond, Boston, Mass.
Holmes D. H. Co., 819 Canal, New Orleans, La.
Hot Blast Feather Co., Grand Rapids, Mich.
Hotchkiss & Son, Lawrenceville, Pa.
Hub Furniture Co., Fort Worth, Texas
Hullman, Israel J., Binghamton, N. Y.
Hunt M. A. Co., Dempsey & C H & D Ry, Cincinnati, O.
Hyman Frank, 1329 Clybourn av, Chicago, Ill.
International Bedding Co., Guilford & Charles av Baltimore, Md.
Isenberg Bedding Co., Wilmington, Del.
Ives D., Binghamton, N. Y.
James River Furniture & Mattress Co. (Combination), Richmond, Va.
Jamison Spring & Mattress Co., Nashville, Tenn.
Jenks & Muir Mfg. Co., 1441 Hastings, Detroit, Mich.
Johnson C. Upholstering Co., Youngstown, O.
Joppa Mattress Co., Little Rock, Ark.
Kaiser Jacob Mfg. Co., 3d & Elm, St. Louis, Mo.
Karcher Jacob, Castorland, N. Y.
Karr Francis Co., 1322 W Monroe, Chicago, Ill.
Keith R. Furniture & Carpet Co., Kansas City, Mo.
Kentucky Bedding Co., Louisville, Ky.
Kenyon Chas. F., Ocean Grove, N. J.
Kernan John F., Oswego, N. Y.
Kimball & Chapell Co., 2834 Loomis, Chicago, Ill.
Kindel Bedding & Renovating Co., Denver, Colo.
King Bedding Co., 2119-25 W Toronto, Phila., Pa.
King-Fisher Mattress Co., Portland, Ore.
Kleck J. W., San Antonio, Texas
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Lariew J. R., Elmira, N. Y.
Lasche Alfred C., 960 N 2nd, Phila, Pa.
Leak, Wall & McRae, Rockingham, N. C.
Lehigh Star Bedding Co., Allentown, Pa.
Lears C. H. & Sons, 934 W Baltimore, Baltimore, Md.
Leath A. & Co., Elgin, Ill.
Lewis Comyn, Charleston, W. Va.
Lima Mattress Co., Lima, Ohio
Loeser John & Co., 1625 Wabash av, Chicago, Ill.
Little Rock Furniture Mfg. Co., Little Rock, Ark.
Little Rock Mattress Co., Little Rock, Ark.
Logan A. J. Co., 29th & Liberty, Pittsburgh, Pa.
Longview Mattress Co., Longview, Texas
Lottman C. F. & Sons, Houston, Texas
Louisville Bedding Co., Louisville, Ky.
Lupfer George B. Co., Columbus, O.
Lycoming Bedding Co., Williamsport, Pa.
McEntire Brothers, Topeka, Kans.
McHose & Pardoe, Fargo, N Dak.
McMahen William H., 244 S 2d, Phila., Pa.
Macon Mattress Mfg. Co., Macon, Ga.
Magaril Morris, 19 Moore, Brooklyn, N. Y.
Magee Mfg. Co., 1518 Tchoupitoulas, New Orleans, La.
Mahoney Wm. Mattress Co., Walpole, Mass.
Malden C. C. & Mattress Co., Malden, Mass.
Manne L., Upholstering & Carpet Cleaning Co., 2724 S Grand av, St. Louis, Mo.
Marion Mattress Works, Marion, Ind.
Marshall Ventilated Mattress Co., 1454 S Sangamon, Chicago, Ill.
Martin W. H., Sioux Falls, S Dak.
Mebane Bedding Co., Mebane, N. C.
Meislahn C. F. & Co., 19 Clay, Baltimore, Md.
Memphis Mattress Co., Memphis, Tenn.
Meridian Mattress Factory, Meridian, Miss.
Merrimac Mattress Mfg. Co., 129 Portland, Boston, Mass.
Metropolitan Mattress Co., 47 Wareham, Boston, Mass.
Metzger Mattress Co., Atlanta, Ga.
Michigan Bedding Co., 262 Orleans, Detroit, Mich.
Michigan Felting Co., Kalamazoo, Mich.
Milwaukee Bedding Co., 292 4th Milwaukee, Wis.
Missouri Mattress & Glove Mfg. Co., Cape Girardeau, Mo.
Millholen B. D., Cedar Rapids, Ia.
Milwaukee Wadding & Comfort Mills, 415 3d av, Milwaukee, Wis.
Minneapolis Bedding Co., E Henn av, Minneapolis, Minn.
Mobile Mattress Co., Mobile, Ala.
Montana Mattress & Furniture Co., Butte, Mont.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Montgomery Mattress Factory, Montgomery, Ala.
Myers-Spalti Mfg. Co., Houston, Tex.
Nashville Spring & Mattress Co., Nashville, Tenn.
National Bedding Co., 510 Cherry, New York
National Bedding Co., Leavenworth, Kan.
National Bedding Co., Memphis, Tenn.
National Bedding Co., 237 S 2d, Phila., Pa.
National Mattress Co., Lynchburg, Va.
National Spring Bed Co., New Britain, Conn.
Nelson Bros., Wilkes-Barre, Pa.
Northwestern Bedding & Mfg. Co., Wycliff N cor Bradford, St. Paul, Minn.
Nelson M. Furniture Co., Astoria, Ore.
New York Bedding Co., 96 Suffolk, New York
Niedringhaus Chas., House Furnishing Co. 1003 Franklin av, St. Louis, Mo.
Newark Spring Mattress Co., 80 Madison, Newark, N. J.
New England Bedding Co., 321 Congress, Boston, Mass.
New York Mattress Co., 32 Green, Boston, Mass.
Norfolk Mattress Co. (Combination Straw & Cotton), Norfolk, Va.
Northwestern Bedding & Mfg. Co., Wycliff, N W cor Bradford, St. Paul, Minn.
Norton Mattress & Mfg. Co., Norton, Va.
Oates Mattress Co., Little Rock, Ark.
Ohio Spring Bed Co., 1281 E 38th, Cleveland, O.
Ohio Valley Mattress Co., Wheeling, W. Va.
Oklahoma Spring Bed Mfg. Co., Oklahoma, Okla.
Olive & Myers Mfg. Co., Dallas, Tex.
Olmsted & Tuttle Co., Chicopee, Mass.
Onondaga Bed Mfg. Co., Syracuse, N. Y.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Osiason J., Fall River, Mass.
Ostermoor & Co., 116 Elizabeth, New York
Otis Bed Mfg. Co., 170 Florida, Buffalo, N. Y.
Pabst & Schaller, 111 E 12th, Cincinnati, O.
Paine C. S. Co., Grand Rapids, Mich.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Payne Chas. T. Co., Lincoln, Neb.

Paetz Chas. H., St. Joseph, Mo.
Palmer Galvanic Bed Co., 231 E 9th, New York
Palmer & Hardin, Louisville, Ky.
Paris Mattress & Awning Co., Paris, Tex.
Parkersburg Mattress Co., Parkersburg, W. Va.
Parlor Furniture & Mattress Co., Fremont, Neb.
Patton-Black Mfg. Co., Jackson, Tenn.
Peerless Bedding Co., Bellefontaine, O.
Pensacola Mattress Co., Pensacola, Fla.
Peoria Lounge & Mattress Co., Peoria, Ill.
Perfection Mattress & Spring Co., Birmingham, Ala.
Petrik J. F. & Sons, Topeka, Kans.
Pettit Feather & Bedding Co., Portland, Ore.
Phillips & Osborn, 711 E 47th, Chicago, Ill.
Plotkin S. J., Johnstown, Pa.
Porterfield Ira J., 2019 Ridge av, Phila., Pa.
Preuss R. J. Co., 388 38th, Milwaukee, Wis.
Puritan Bed Spring Co., 902 Kentucky av, Indianapolis, Ind.
Queen City Mattress Co., 946 Betts, Cincinnati, O.
Raider David, 108 Forsyth, New York
Rehkopfs Mattress Co., Texarkana, Tex.
Renn-Davis & Co. (All Kinds), Portsmouth, Va.
Rhein Bros., 6011 S State, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Riverside Mfg. Co., Moultrie, Ga.
Roberti Bros., 1342 Long Beach av, Los Angeles, Cal.
Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
Rock River Cotton Co., Janesville, Wis.
Rogers Chas. P. & Co., 14 E 33d, New York
Rose Spring & Mattress Co., Memphis, Tenn.
Royal Chair Co., Sturgis, Mich.
Royall & Borden, Goldsboro, N. C.
Rubenstein H. & Co., 670 W 14th, Chicago, Ill.
Rudge & Guenzel Co., Lincoln, Neb.
Runyon J. D. Mfg. Co., 190 1st, Jersey City, N. J.
Russell L. R., Bay City, Mich.
Russell & Russell, South Bend, Ind.
Sacramento Wire Mattress Co., Sacramento, Cal.
Salem Mattress Co., Salem, Va.
Salisbury & Satterlee Co., 201 SE Main, Minneapolis, Minn.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Feather Co., 422 S Canal, Chicago, Ill.
Sanitary Felting & Mattress Co., South Bend, Ind
Sanitary Mattress Co., Youngstown, O.
Savage B. B. & Co., New Haven, Conn.
Scaritt-Comstock Furniture Co., St. Louis, Mo.
Schaefer Joseph, Fort Wayne, Ind.
Schick Wm. Mfg. Co., Topeka, Kans.
Schmitt & Henry Mfg. Co., Des Moines, Ia.
Schmidt-Bedding Co., 966 30th, Milwaukee, Wis.
King Bedding Co., 2119-25 W Toronto, Dept. H, Phila., Pa.
Schmitz Joseph, Lancaster, Pa.
Schultz & Hirsch Co., 1300 Fulton, Chicago, Ill.
Schuster & Co., 414 N Howard, Baltimore, Md.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Scranton Bedding Co., Scranton, Pa.
Seattle Mattress & Uph. Co., Seattle, Wash.
Seeboth Albert G. Co., 230 Mineral, Milwaukee, Wis.
Sheboygan Mattress Co., Sheboygan, Wis.
Shephard Norwell Co., 30 Winter, Boston, Mass.
Shreveport Mattress Co., Shreveport, La.
Sigmon Furniture Mfg. Co., Chickasha, Okla.
Sleep Well Mattress Co., Los Angeles, Cal.
Smith Bedding Co., Ogden, Utah
Smith Mattress Co., Marion, O.
Smith & Jones, 216 E 37th, New York
Snell, Charles W. Co., 321 S Jefferson, Chicago, Ill.
Somelastique Bedding Co. (Cotton, Hair, Wood, etc), 301 E 22d, New York
Southern Bagging Co., Norfolk, Va.
Southern Spring Bed Co., Atlanta, Ga.
Southern Bedding Mfg. Co., Austin, Tex.
Southern Furniture Co., Texarkana, Tex.
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Specialty Mattress Co., Huntington, West Va.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, O.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 208 S 17th, St. Louis, Mo.
Standard Bedding Co., 113 Chicago, Milwaukee, Wis.
Stearns & Foster Co., Lockland, O.
Stengel Barney, 421 9th av, New York
Stockwell L. W. Co., 400 S Alameda, Los Angeles, Cal.
Sumergrade N, 31 Tompkins, New York
Superior Mattress Co., St. Louis, Mo.
Sussman Harris, 232 E 111th, New York
Taylor Bedding Mfg. Co., Taylor, Texas
Taylor Mattress Co., Salisbury, N. C.
Taylor W. W. & Sons, Big Stone Gap, Va.
Terre Haute National Bedding Co., Terre Haute, Ind.
Threadcraft E. C., Norfolk, Va.
Tillman Brothers, La Crosse, Wis.
Toledo Mattress Factory, Toledo, O.
Towbin Louis, 296 Putnam av, Brooklyn, N. Y.
Trenton Spring Mattress Co., Trenton, N. J.
Triumph Couch Bed Co., 8 Bartlett sq, Boston, Mass.
Trouton Mattress Co., Atlanta, Ga.
Troy Woven Wire Spring Co., Troy, N. Y.
Turner Bedding Factory, Pine Bluff, Ark.
Twin City Bedding Co., Marinette, Wis.
Tyler Mattress Co., H, E Common, Tyler, N. Y.
Uchtman F. H. & Co., 209 Woodward, Cincinnati, O.
Union Mattress Co., Owosso, Mich.
U. S. Bedding Co., Memphis, Tenn.
United States Bedding Co., Arundel & Minnehaha, St. Paul, Minn.
Universal Safety Mattress Co., Baltimore, Md.
Utah Bedding & Mfg. Co., Salt Lake City, Utah
Utica Bedding Factory, Utica, N. Y.
Van Vorst C. B. Co., Los Angeles, Cal.
Vincent Frank J., Little Falls, N. Y.
Waco Mattress Factory, Waco, Texas
Wakeman R. & Son, Saugatuck, Conn.
Walpert Fred & Co. (Mattresses & (Steam) Curled Hair), Taylor & B. & O. R. R., Baltimore, Md.
Walsh M. S., Williamsport, Pa.
Warren Carpet Cleaning & Mattress Co., Malden, Mass.
Warshauer Alex., 124 Ralph av, Brooklyn, N. Y.
Washington Mattress Co., Seattle, Wash.
Waterbury Mattress Co., Waterbury, Conn.
Watertown Mattress Mfg. Co., Watertown, N. Y.
Wegman Wm. J. Co., Rochester, N. Y.
Weigell A. & Son, 320 Broadway, Milwaukee, Wis.
Weisberg Max, 375 Pacific, Brooklyn, N. Y.
Welch Bedding Co., cor 5th & Ochoa, El Paso, Texas
Wessel Herman Mfg. Co., 624 Main, Cincinnati, O.
West End Mattress Co., 68 Pitts, Boston, Mass.
Western Furniture & Mfg. Co., Lincoln, Neb.
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, O.
Western Wire Mattress Co., 2401 17th, San Francisco, Cal.
Wetterhold Geo., Wichita, Kans.
Wheeling Mattress Co., Wheeling, West Va.
Wichita Mattress Co., Wichita, Kans.
Woerner M. N., 616 Blackhawk, Chicago, Ill.
Wolf Paul E. Bedding Co., Fort Wayne, Ind.
Wolfberg Jacob, Altoona, Pa.
Wuest Adam, 514 E Pearl, Cincinnati, O.
Youngstown Mattress Co., Youngstown, O.
Ziegler Bedding Co., Calumet, Mich.

9629— Mattresses (Air)

Mechanical Fabric Co., 40 Sprague, Providence, R. I.

9630—Mattresses (Cotton Felt)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Advance Bedding Co., La Crosse, Wis.
American Bedding Co., Superior, Wis.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress Co., Anderson, Ind.
Angelus Couch & Furniture Mfg. Co., Los Angeles, Cal.
Athens Mattress & Spring Bed Co., Athens, Ga.
Bellingham Bedding Co., Bellingham, Wash.
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Broadway Bedding Co., Louisville, Ky.
Buckeye Bedding Co., Dayton, O.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Columbia Feather Co., 413 W Huron, Chicago, Ill.
Continental Bedding Co., 86 Beverly, Boston, Mass.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Felt Mattress Co., 400 N Hagen Davis parkway, New Orleans, La.
Denver Bedding Co., Denver, Colo.
Burton Dixie Corp., 1319 Michigan av, Chicago, Ill.
Dubuque Mattress Factory, Dubuque, Ia.
Eau Claire Bedding Co., Eau Claire, Wis.
Falls City Bedding Co., Louisville, Ky.
Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.
Foster Bros. Mfg. Co., 320 N Holiday, Baltimore, Md.
Graham Mattress Co., Graham, Va.
Hammond Bedding Co., Hammond, Ind.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Haynes Mattress Factory, Sealy, Tex.
Hemenway Furniture Co., Alexandria, La.
Hot Blast Feather Co., Grand Rapids, Mich.
International Bedding Co., Guilford & Charles av, Baltimore, Md.
James River Furniture & Mattress Co., Richmond, Va.
Joppa Mattress Co., Little Rock, Ark.
King Bedding Co., 2119-25 W Toronto, Phila., Pa.
King-Fisher Mattress Co., Portland, Ore.
Lewis Comyn, Charlestown, W. Va.
Little Rock Mattress Co., Little Rock, Ark.
Macon Mattress Mfg. Co., Macon, Ga.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Montana Mattress & Furniture Co., Butte, Mont.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
National Bedding Co., 237 S 2d, Phila., Pa.
New England Bedding Co., 321 Congress, Boston, Mass.
Norfolk Mattress Co., Norfolk, Va.
Olmsted & Tuttle Co., Chicopee,, Mass.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Ostermoor & Co., 116 Elizabeth, New York
Paris Mattress & Awning Co., Paris, Texas
Parlor Furniture & Mattress Co., Fremont, Neb.
Queen City Mattress Co., 946 Betts, Cincinnati, O.
Raider David, 108 Forsyth, New York
Rock River Cotton Co., Janesville, Wis.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Felting & Mattress Co., South Bend, Ind.
Schaefer Joseph, Fort Wayne, Ind.
Scranton Bedding Co., Scranton, Pa.
Seattle Mattress & Uph. Co., Seattle, Wash.
Sleep Well Mattress Co., Los Angeles, Cal.
Somelastique Bedding Co., 301 E 22d, New York
Southern Bedding Mfg. Co., Austin, Texas
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 208 S 17th, St. Louis, Mo.
Stengel Barney, 421 9th av, New York
Stearns & Foster Co., Lockland, O.
Superior Mattress Co., St. Louis, Mo.
Taylor Mattress Co., Salisbury, N. C.
Twin City Bedding Co., Marinette, Wis.
Turner Bedding Factory, Pine Bluff, Ark.
U. S. Bedding Co., Memphis, Tenn.
Vincent Frank J., Little Falls, N. Y.
Washington Mattress Co., Seattle, Wash.
Waterbury Mattress Co., Waterbury, Conn.
Western Furniture & Mfg. Co., Lincoln, Neb.
Youngstown Mattress Co., Youngstown, O.
Ziegler Bedding Co., Calumet, Mich.

9631—Mattresses (Excelsior)

Anderson Mattress Co., Anderson, Ind.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
King Bedding Co., 2119-25, W Toronto, Phila., Pa.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Riverside Mfg. Co., Moultrie, Ga.

9632— Mattresses (Hair)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.
Augusta Bedding Co., Augusta, Ga.
Baker O. D. Co., 60 Canal, Boston, Mass.
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Broadway Bedding Co., Louisville, Ky.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Burton Dixie Corp., 2024 S Racine av, Chicago, Ill.
Colonial Bedding Co., Fredericksburg, Va.
Columbia Feather Co., 413 W Huron, Chicago, Ill.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Eau Claire Bedding Co., Eau Claire, Wis.
Graham Mattress Co., Graham, Va.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hunt M. A. Co., Dempsey & C. H. & D. Ry., Cincinnati, O.
International Bedding Co., Guilford & Charles av, Baltimore, Md.
Kentucky Bedding Co., Louisville, Ky.
Kindel Bedding & Renovating Co., Denver, Colo.
King Bedding Co., 2119-25 W Toronto, Phila., Pa.
King Bedding Co., 2119-25 W Toronto, Dept. H, Phila., Pa.
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Lewis Comyn, Charlestown, W. Va.
McHose & Pardoe, Fargo, North Dak.

MATTRESSES (HAIR)—continued

Marlon Mattress Co., Marion, Ind.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Nashville Spring & Mattress Co., Nashville, Tenn.
National Bedding Co., 237 S 2d, Phila., Pa.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Ostermoor & Co., 116 Elizabeth, New York
Paris Mattress & Awning Co., Paris, Texas
Parkersburg Mattress Co., Parkersburg, West Va.
Peerless Bedding Co., Bellefontaine, O.
Rose Spring & Mattress Co., Memphis, Tenn.
Rudge & Guenzel Co., Lincoln, Neb.
Salisbury & Satterlee Co., 201 S E Main, Minneapolis, Minn.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Mattress Co., Youngstown, O.
Schaefer Joseph, Fort Wayne, Ind.
Schneidt-Aug. (Curled), Muskegon, Mich.
Schultz & Hirsch Co., 1300 Fulton, Chicago, Ill.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Scranton Bedding Co., Scranton, Pa.
Seattle Mattress & Uph. Co., Seattle, Wash.
Sleep Well Mattress Co., Los Angeles, Cal.
Smith Mattress Co., Marion, O.
Somelastique Bedding Co., 301 E 22d, New York
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Specialty Mattress Co., Huntington, West Va.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 218 S 17th, St. Louis, Mo.
Stengel Barney, 421 9th av, New York
Superior Mattress Co., St. Louis, Mo.
Taylor Mattress Co., Salisbury, N. C.
Turner Bedding Factory, Pine Bluff, Ark.
Twin City Bedding Co., Marinette, Wis.
Utah Bedding & Mfg. Co., Salt Lake City, Utah
West End Mattress Co., 68 Pitts, Boston, Mass.
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, O.
Wheeling Mattress Co., Wheeling, W Va.
Woll Peter & Sons, Mascher & Berks, Philadelphia, Pa.
Wuest Adam, 514 E Pearl, Cincinnati, O.
Youngstown Mattress Co., Youngstown, Ohio

9633-4—Mattresses (Silk Floss)

See also Mattresses

Advance Bedding Co., La Crosse, Wis.
Angelus Couch & Furniture Mfg. Co., 3917 S Main, Los Angeles, Cal.
Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Enterprise Mattress Co., 29 Beverly, Boston, Mass.
International Bedding Co., Guilford & Charles av, Baltimore, Md.
King Bedding Co., 2119-25 W Toronto, Phila., Pa.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Norfolk Mattress Co., Norfolk, Va.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, Ill.
Stengel Barney, 421 9th av, New York
Taylor Mattress Co., Salisbury, N. C.
Twin City Bedding Co., Marinette, Wis.
Warren Carpet Cleaning & Mattress Co., Malden, Mass.
Wuest Adam, 514 E Pearl, Cincinnati, O.

9635— Mauls (Coal)

Beall Bros. (Long & Short), Alton, Ill.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book

9636—Mauls (Post, Cast Iron, Etc.)

Barber Mfg. Co., Ashtabula, O.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Eagle Machine Co., Lancaster, O.
Fate-Root Heath Co., Plymouth, Ohio
Gowanda Agricultural Works, Gowanda, N. Y.
Indiana Foundry Co., Indiana, Pa.
Lyon Iron Works, Greene, N. Y.
McDowell Foundry Co., Chicago Heights Ill.
Munnsville Plow Co. (Also Stone Breaking), Munnsville, N. Y.
Quinn Wire & Iron Works, Boone, Ia.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
SOUTH BEND FOUNDRY CO., South Bend, Ind.
Sperry D. R. & Co. (Pig, Metal & Wood Face), Batavia, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Thayer Foundry Co., Atchison, Kans.
Wagner Mfg. Co., Sidney, O.
Wapak Hollowware Co., Wapakoneta, O.
Weller Hardware & Fdry. Co., Horseheads, N. Y.
Western Fdry. & Sash Weight Co., 2nd & Miller, St. Louis, Mo.
Western Implemeent Co., Port Washington, Wis.
Western Iron & Foundry Co., Wichita, Kans.

9637— Mauls (Post, Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 West Van Buren, Chicago, Ill.
Hellenberg J. B. Co. (Plumbers & Well Drillers), Coldwater, Mich.
Kohaut John C., 117 Green, Newark, N. J.
New York Mallet & Handle Wks., 742 E 11th, New York
Prouty C. & Co., Eldred, Pa.
Stossel Carl Sons & Co. (Boilermakers, etc), Front Royal, Va.
Tatem J. B. & Son (Heavy), Putnam, Conn.
Woodstock Mfg. Co., Charleston, S. C.

Mauls (Railroad or Spike)

See Mauls, Regular Line.

Mauls (Rawhide)

See Mallets, Rawhide

9638— Mauls (Regular Line)

See also Hammers, Heavy

Beall Bros., Alton, Ill.
Black John B., Co., Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York.
Collins Co., Collinsville, Conn.
Economy Drawing Table & Mfg. Co., Adrian, Mich.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 West Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co. (Cast Steel), 13th & Breed, Pittsburgh, Pa.
Lehr Agricultural Co. (Wood Choppers Only), Fremont, Ohio
McInnes Steel Co. (Ltd.), (Wood Choppers), Corey, Pa.
Plumb Lafayette R. (Inc.), Tucker & James, Phila., Pa.
Prouty C. & Co. (Wood Choppers), Eldred, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Swett A. L. Iron Works, Medina, N. Y.
Verona Tool Works, Oakmont, Pa.
Warren Tool & Forge Co. (Woodchopper & Spike), Warren, O.
See adv index at end of book
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

9639— Mauls (Sewer)

Channon Jas. H. Mfg. Co. (Wood), 227 W Erie, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 West Van Buren, Chicago, Ill.
Ransome Concrete Machinery Co. (Maple, Iron Bound), Dunellen, N. J.
Stossell, Carr Sons & Co. ("Hickory Iron Bound"), Front Royal, Va.

Mauls (Ship or Top)

See Mauls, Regular Line

Mauls (Woodchoppers')

See Mauls, Regular Line

9640— Mauls (Wooden)

See also Mauls, Post, Wooden

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Economy Drawing Table & Mfg. Co., Adrian, Mich.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Mausoleum Doors & Gates

See Bronze Doors

9641— Meal (Alfalfa)

Clinton Alfalfa Milling Co., Clinton, O.
Falls City Mill and Feed Co.
Hord T. B. Alfalfa Meal Co., Central City, Neb.
International Sugar Feed Co., 15 av S E & Rollins, Minneapolis, Minn.
Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.
Omaha Alfalfa Milling Co., Omaha, Neb.
Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico
Thompson C. C. & Co., 43 S 11th, Newark, N. J.
Tioga Mill & Elevator Co., Waverly, N. Y.
Weiss Otto Milling Co., Wichita, Kans.
York Alfalfa Mills, York, Neb.

9642— Meal (Almond)

Freeman Perfume Co., Cincinnati, O.
Holton & Adams, 29 E 22d, New York
Napier Chemical Co., 80 Pearl, New York
Peroxident Mfg. Co., 3007 Arsenal, St. Louis, Mo.
Salem Chemical & Supply Co., Salem, Mass.
Vail Bros., 2344 N 5th, Phila, Pa.

9643— Meal (Cottonseed)

Accidental Oil Mills, Belton, Texas
American Cotton Oil Co., 65 B'way, New York
Amsler C. (Est. of), Hempstead, Tex.
Anderson Phosphate & Oil Co., Anderson, S. C.
Ashcraft, Wilkinson Co., Atlanta, Ga.
Atlanta Cotton Oil Co., Atlanta, Ga.
Austin Oil Mfg. Co., Austin, Tex.
Autauga Oil & Fertilizer Co., Prattville, Ala.
Bertie Cotton Oil Co., Aulander, N. C.
Blackshear Manufacturing Co., Blackshear, Ga.
Blossom Oil & Cotton Co., Blossom, Tex.
Blue Ridge Cotton Oil Co., Travelers Rest, S. C.
Boaz Cotton Oil Co., Boaz, Ala.
Bowie County Cotton Oil Co., New Boston, Tex.
Brenham Compress Oil & Mfg. Co., Brenham, Tex.
Brookhaven Cotton Oil & Fertilizer Co., Brookhaven, Miss.
Brownsville Cotton Oil & Ice Co., Brownsville, Tenn.
Bryan Cotton Oil & Fertilizer Co., Bryan, Tex.
Butler Cotton Oil Co., Albertville, Ala.
Caldwell Oil Mill Co., Caldwell, Tex.
Cameron Oil Mill, Cameron, S. C.
Campobello Oil Mills, Campobello, S. C.
Canon Oil & Fertilizer Co., Canon, Ga.
Central Cotton Oil Co., Jackson, Miss.
Chatham Oil & Fertilizer Co., Pittsboro, N. C.
Cheraw Oil & Fertilizer Co., Cheraw, S. C.
Clarendon Cotton Oil Co., St. Paul, S. C.
Clay County Oil Mill & Fertilizer Co., Lineville, Ala.
Clayton Oil Mill, Clayton, N. C.
Clinton Oil Mills, Clinton, S. C.
Cochran Oil Mill & Ginnery, Cochran, Ga.
Columbia Cotton Oil Co., Magnolia, Ark.
Comer Oil Mill, Comer, Ga.
Commonwealth Cotton Oil Co., Cushing, Okla.
Concordia Oil Mills Co., Vidalia, La.
Consumers' Cotton Oil Mills, 39 S La Salle, Chicago, Ill.
Coronaca Oil Mill, Coronaca, S. C.
Corsicana Cotton Mills, Corsicana, Tex.
Cotton Oil Co., Bamberg, S. C.
Cotton Oil & Ginning Co., Scotland Neck, N. C.
Ceweta Cotton Oil Mill, Newnan, Ga.
Cross Anchor Oil Co., Cross Anchor, S. C.
Cuero Cotton Oil & Manufacturing Co., Cuero, Tex.
Cumming Oil & Fertilizer Co., Cumming, Ga.
Dadeville Cotton Oil Co., Dadeville, Ala.
Dallas Oil & Refining Co., Dallas, Tex.
Denmark Oil & Fertilizer Co., Denmark, S. C.
Deport Cotton Seed Oil Co., Deport, Tex.
De Soto Cotton Oil Co., Mansfield, La.
De Soto Oil Co., Memphis, Tenn.
Detroit Oil & Cotton Co., Detroit, Texas
Dixie Cotton Oil Mill, Little Rock, Ark.
Dodd City Oil Mill Co., Dodd City, Texas
Donalds Oil Mill Co., Donalds, S. C.
Donaldsonville Oil Mill, Donaldsonville, Ga.
Dunn Oil Mills Co., Dunn, N. C.
Easley Oil Mill Co., Easley, S. C.
Eastern Cotton Oil Co., Hertford, N. C.
Eastman Oil Mills, Jonestown, Miss.
Elba Manufacturing Co., Charlotte, N. C.
Elberton Oil Mills, Atlanta, Ga.
Elgin Cotton Oil Co., Elgin, Texas
Empire Cotton Oil Co, Bainbridge, Ga.
Enterprise Cotton Oil Co., Enterprise, Ala.
Farmer's Cotton Oil Co., Farmersville, Texas
Farmer's Cotton Oil Co., La Grange, Ga.
Farmers' Cotton Oil Co., Wilson, N. C.
Farmer's Cotton Oil & Fertilizer Co., Toccoa, Ga.
Farmer's Cotton Seed Oil Mill, Martin, Ga.
Farmer's Oil Mill, Newberry, S. C.
Farmer's Oil Mill, Royston, Ga.
Farmville Oil & Fertilizer Co., Farmville, N. C.
Fayetteville Oil Co., Fayetteville, Ga.
Fitzgerald Cotton Oil Co., Fitzgerald, Ga.
Fletcher W. B. & J. A., McColl, S. C.
Florida Cotton Oil Co., Chattanooga, Tenn.
Florida Cotton Oil Co., Jacksonville, Fla.

Fork Township Oil Mill, Townville, S. C.
Forney Cotton Oil & Ginning Co., Forney, Texas
Fremont Oil Mill Co., Fremont, N. C.
Glen Allan Oil Mill, Glen Allan, Miss.
Gonzales Cotton Oil & Mfg. Co., Gonzales, Texas
Grandview Cotton Oil Mill, Grandview, Texas
Hartsville Oil Mill, Hartsville, S. C.
Havens Oil Co., Washington, N. C.
Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.
Heller Jos. S., 62 William, New York
Henderson Cotton Oil & Gin Co., Henderson, Texas
Hico Oil Mill, Hico, Texas
Highland Park Manufacturing Co., Charlotte, N. C.
Homer Cotton Oil Co., Homer, La.
Huntsville Cotton Oil Co., Huntsville, Texas
Huntsville Warehouse Co., Huntsville, Ala.
Independent Oil & Fertilizer Works, Columbus, Miss.
Indianola Cotton Oil Co., Indianola, Miss.
International Vegetable Oil Co., Atlanta, Ga.
Italy Cotton Oil Co., Italy, Texas
Jacksboro Oil & Milling Co., Jacksboro, Texas
Jefferson Oil & Fertilizer Co., Jefferson, S. C.
Jersey Oil Mill Co., Jersey, Ga.
Jonesville Oil Mill, Jonesville, S. C.
Kerens Cotton Oil Co., Kerens, Texas
Kershaw Oil Mills, Kershaw, S. C.
Kings Mountain Cotton Oil Co., Kings Mountain, N. C.
Kyle Oil & Gin Co., Kyle, Texas
La Fayette Cotton Oil Mills, La Fayette, Ala.
Laurel Oil & Fertilizer Co., Laurel, Miss.
Laurinburg Oil Co., Laurinburg, N. C.
Leder Oil Co., Demopolis, Ala.
Leesville Oil Mill Co., Leesville, S. C.
Lester-Ricks Oil Co., Byromville, Ga.
Lockhart Oil & Gin Co., Lockhart, Texas
Logan County Cotton Oil Co., Paris, Ark.
Lone Oak Oil Mill Co., Lone Oak, Texas
Longbridge Cotton Oil Co., Longbridge, La.
Longview Cotton Oil Co., Longview, Texas
Lowndesville Cotton Oil Co., Lowndesville, S. C.
McDonald & Weaver, Cuthbert, Ga.
Macon County Oil Co., Tuskegee, Ala.
Mandeville Mills, Carrollton, Ga.
Mangum Cotton Oil Co., Mangum, O.
Manning Oil Mill, Manning, S. C.
Marion Cotton Oil Co., Marion, S. C.
Meridian Fertilizer Factory, Meridian, Miss.
Monroe Oil & Fertilizer Co., Monroe, Ga.
Montezuma Mfg. Co., Montezuma, Ga.
Morrillton Cotton Oil Co., Morrillton, Ark.
Morton Oil Mills, Millen, Ga.
Munger Oil & Cotton Co., Mexia, Texas
New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.
New Roads Oil Mill & Mfg. Co., New Roads, La.
Omaha Cotton Oil Co., Omaha, Texas
Osceola Cotton Oil Co., Osceola, Ark.
Palmetto Oil Co., Bishopville, S. C.
Pauline Oil & Fertilizer Co., Pauline, S. C.
Pelham Oil & Fertilizer Co., Pelham, Ga.
Pendleton Oil Mill, Pendleton, S. C.
People's Cotton Oil Co., Selma, Ala.
Peoples' Oil & Fertilizer Co., Anderson, S. C.
Perkins Oil Co., Memphis, Tenn.
Phoenix Cotton Oil Co., Memphis, Tenn.
Pickens Oil & Fertilizer Co., Pickens, S. C.
Pilot Point Cotton Oil Mill Co., Pilot Point, Texas
Pine Level Oil Mills Co., Pine Level, N. C.
Pittsburg Cotton Oil Co., Pittsburg, Texas
Planters' Chemical Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Augusta, Ga.
Planters' Cotton Oil & Fertilizer Co., Rockymount, N. C.
Planters' Oil Co., Albany, Ga.
Planters' Oil Mill, Tunica, Miss.
Planters' Oil Mill & Gin Co., Kosciusko, Miss.
Pomaria Oil Manufacturing Co., Pomaria, South Carolina
Pontotoc Cotton Oil Co., Pontotoc, Miss.
Port Gibson Oil Works, Port Gibson, Miss.
Producers' Cotton Oil Co., Yazoo City, Miss.
Red River Oil Co., Alexandria, La.
Refuge Cotton Oil Co., Vicksburg, Miss.
Ridge Spring Oil Mill, Ridge Spring, South Carolina
Roanoke Oil Co., Roanoke, Ala.
Roberts Cotton Oil Co., Memphis, Tenn.
Rockwall Cotton Oil Co., Rockwall, Tex.
Rose City Cotton Oil Mill, Little Rock, Ark.
Rosebud Oil & Cotton Co., Rosebud, Texas
Rowesville Oil Co., Rowesville, South Carolina
Roxton Cotton Oil Co., Roxton, Texas
Royse Oil Mill Co., Royse City, Texas
Rutledge Oil Co., Rutledge, Ga.
Ryan Cotton Oil Co., Ryan, Okla.
Schmidt G. L., Lincoln, Ala.
Schumacher H. Oil Works, Navasota, Tex.
Sea Island Cotton Oil Co., Charleston, South Carolina
Senatobia Cotton Oil Co., Senatobia, Miss.
Seneca Oil Mills, Seneca, South Carolina
Seymour Cotton Oil Co., Seymour, Texas
Shelby Oil Co., Shelby, Miss.
Simpsonville Oil Mill, Simpsonville, South Carolina
Southern Cotton Oil Co. (& Peanut Cocoanut), 120 B'way, New York
Spring Hope Cotton Oil Co., Spring Hope, North Carolina
Stamford Oil Mill Co., Stamford, Texas
Standard Chemical & Oil Co., Troy, Ala.
Steinhardt & Co., 926 Gravier, New Orleans, La.
Strother & Phinney, West Union, South Carolina
Stroud Cotton Oil Co., Stroud, Okla.
Tallassee Oil & Gin Co., Tallassee, Ala.
Tar River Oil Co., Tarboro, North Carolina
Taylor Oil Mill, Taylor, Texas.
Tecumseh Oil & Cotton Co., Sherman, Tex.
Timmonsville Oil Co., Timmonsville, South Carolina
Tupelo Oil & Ice Co., Tupelo, Miss.
Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.
Tiger-Shoals Milling Co., Wellford, S. C.
Tyler Cotton Oil Co., Tyler, Texas
Uniontown Cotton Oil Co., Uniontown, Ala.
Universal Oil Co., Wilmington, North Carolina
Upson County Oil Mills, Thomaston, Ga.
Valley Mills Cotton Oil Co., Valley Mills, Texas
Van Alstyne Cotton Oil Co., Van Alstyne, Texas
Verner Oil Co., Lattimore, North Carolina
Walker Bros. Co., Griffin, Ga.
Washington Oil Co., Washington, La.
Wesson Cotton Oil & Fertilizer Co., Wesson, Miss.
Westminster Oil & Fertilizer Co., Westminster, South Carolina
Whitewright Oil Mill Co., Whitewright, Texas
Wichita Cotton Oil Co., Wichita Falls, Tex.
Wilkinsville Cotton Oil Co., Wilkinsville, S. C.
Willmont Oil Mills, Pelzer, S. C.
Wills Point Cotton Oil Co., Wills Point, Tex.
Wilmot Oil Mills, Wilmot, Ark.
Winnsboro Cotton Oil Co., Winnsboro, Tex.
Winona Oil & Mfg. Co., Winona, Miss.
Woodbury Oil Mills, Woodbury, Ga.
Woodruff Oil & Fertilizer Co., Woodruff, S. C.
Yoakum Cotton Oil Co., Yoakum, Tex.
Yorktown Cotton Oil & Mfg. Co., Yorktown, Tex.

9644— Meal (Polishing)

Peckham Mfg. Co. (Smooth Leather), Newark, N. J.

9645—Measures (Automobile Gasoline)

Guarantee Liquid Measure Co. ("Guarantee Visible"), Rochester, Pa.
Iddings Co. ("Auto" Combination), Warren, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Louisiana Metal Cabinet Works (Also Oil), 1019 Bienville, New Orleans, La.
National Marine Lamp Co., Forestville, Conn.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

9646—Measures (Copper, Liquid, Etc.)

Kraft A. C., 323 W Lake, Chicago, Ill.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.

9647— Measures (Dry)

Acme Sheet Metal Co. ("McKine"), Martins Ferry, Ohio
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Fulton—Richmond, Va.
Rochester Can Co. ("Iron Horse" Galvanized Iron), 89 Hague, Rochester, N. Y.
See adv index at end of book
Strong Mfg. Co., Sebring, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned), Wheeling, W. Va.

9648— Measures (End)

Slocomb J. T. Co., 35 Oxford, Providence, R. I.

9649—Measures (Family, Grocers', Etc.)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

9650—Measures (Galvanized Iron)

Central Stamping Co., 172 Fulton, New York
Crunden Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
Kraft A. C. (Liquid), 323 W Lake, Chicago, Ill.
Lisk Mfg. Co. (For Grain, etc), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Rochester Can Co. ("Iron Horse" Dry), 89 Hague, Rochester, N. Y.
See adv index at end of book

9651— Measures (Liquid)

Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Fairbanks Co., 416 Broome, New York
Guarantee Liquid Measure Co., Union Arcade bldg, Pittsburgh, Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Kraft A. C. ("Oyl-Rye" Galv. Tin & Copper), 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Schaffer Engineering & Equipment Co., 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

9651a—*Measures (Rule & Yard)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book.*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

9652— Measures (Tin)

Sexton Can Co. (For Liquids, etc.), 123 Broad, Boston, Mass.
Sharlow Bros. Co. (Oil Tank Wagon), 442 W 42nd, New York

9653-4— Measures (Water)

Schaffer Engineering & Equipment Co., 2828 Smallman, Pittsburgh, Pa.
See adv index at end of book

9655— Meat Packers

ALABAMA.

BIRMINGHAM—Birmingham Packing Co.

CALIFORNIA.

LOS ANGELES—Cudahy Packing Co.
Hauser Packing Co., 2300 E 9th
Pacific Coast Beef & Provision Co.,
MARYSVILLE—Moran Co.
Valley Meat Co.
OAKLAND—Grayson-Owen Co.
Oakland Meat & Packing Co.
SACRAMENTO—Clauss & Kraus
Schmid & Parker Packing Co.
SAN FRANCISCO—Buttgenbach Jos. & Co., 336 4th
Heineman & Stern, 1040 McAllister
Kingan & Co. (Ltd.), 444 Drumm
Rathjens & Kupfer, 1331 Pacific
Roth-Blum Packing Co., 1490 Fairfax
South San Francisco Packing & **Provision Co., 407 Front**
Western Meat Co., 6th & Townsend

COLORADO.

COLORADO SPRINGS — Smith Packing Co.
DENVER—Burkhardt Packing & Provision Co.
Coffin Packing & Provision Co.
Colorado Packing & Provision Co.
Denver Packing & Provision Co.
K. & B. Packing & Provision Co.
Standard Meat & Live Stock Co.
PUEBLO—Nuckolls Packing Co.

CONNECTICUT.

BRIDGEPORT—McNamara Thos. J. Co.
NEW HAVEN—Sperry & Barnes Co.
NORWICH—Davis C. H. & Co., Inc.

DELAWARE.

MOUNT CUBA—Hoopes Isaac W.
WILMINGTON—Bierman John A.
Hart & Bro. Co.
Martin D. B. Co.
Mammele C. C. & Son

DISTRICT OF COLUMBIA.

BENNINGS—Loffler A. Provision Co.

FLORIDA.

JACKSONVILLE—Kingan & Co. (Ltd.)

GEORGIA.

ATLANTA—White Provision Co.
SAVANNAH—Savannah Abattoir & Packing Co.
South Atlantic Packing & Provision Co.

IDAHO.

BOISE—Boise Butcher Co., Ltd.
Idaho Provision & Packing Co.
EAGLE—Boise Valley Packing Co.
MOSCOW—Hagan & Cushing Co.

ILLINOIS.

ALTON—Luer Bros., Packing & Ice Co.
CAIRO—Bucher E. Packing Co.
CHICAGO—Acme Packing Co., 2226 S La Salle
Agar Provision Co., 310 N Green
Anglo-American Provision Co., Union Stock Yards
Armour & Co., Dept. H, Union Stock Yards
Arnold Brothers, 660 West Randolph
Boyd, Lunham & Co., 208 S La Salle
Brennan Packing Co., 39th & Normal av

ILLINOIS—Chicago—continued
Chicago Butchers' Packing Co., 216 North Peoria
Chicago Packing Co., 4535 Gross av
Cudahy Packing Co., 111 W Monroe
Dahmke John J. A. Packing Co., 2334 W. Lake
Fulton Packing Co., 820 Fulton
Gabel Packing Co., 221 N Peoria
Guggenheim Brothers, 46th & Packers av
Hammond G. H. Co., Union Stock Yards
Hetzel & Co., 1743 Larrabee
Independent Packing Co., 41st & Halsted
Jourdan Packing Co. (Pork), 1814 W 20th
Libby, McNeil & Libby, 300 W S Water
Mayer O. F. & Bro., Beethoven pl & Sedgwick
Miller & Hart, Inc., Un. Stock Yards
Morris & Co., Union Stock Yards
Morton Gregson Co., 80 E Jackson blvd
Omaha Packing Co., 2320 S Halsted
Pearse Howard, W 46th & Packers av
Pfaelzer L. & Sons, 3927 S Halsted
Pond E. K. Packing Co., 517 W 24th pl
Roberts & Oake, 45th & S Racine av
Siegel-Hechinger Packing & Provision Co., 38th & Gage
Swift & Co., Union Stock Yards
United Butchers' Packing Co., 913 Fulton
Vette & Zuncker, 220 N Green
Western Packing & Provision Co., 3854 S Morgan
Wilson & Co., Inc., Union Stock Yards
Zeiger G. W. Co., 517 W Chicago av
DANVILLE—Campbell Brothers Co.
DECATUR—Danzeisen Packing Co.
EAST ST. LOUIS—East Side Packing Co.
ELGIN—Kerber Packing Co.
JACKSONVILLE — Jacksonville Packing Co.
MATTOON—Steidl Brothers
PEORIA—Godel E. & Sons
McDonough E. J. & Co.
Wilson Provision Co.
ROCKFORD—Carty-Dever Co.
Oake Packing Co.
Schmauss Co.
SPRINGFIELD—Franz Brothers Packing Co.
STEWARDSON—Stewardson Packing Co.

INDIANA.

EVANSVILLE—Evansville Packing Co.
Schmadel Packing & Ice Co.
FORT WAYNE—Eckart Fred Packing Co.
Laurents & Hartshorn Packing Co.
Leikauf Packing Co.
INDIANAPOLIS—Brown Brothers, 534 W Ray
Indianapolis Abattoir Co., W. Morris & White River
Kingan & Co., Ltd., West End, Maryland & Blackford sts
Meier Packing Co., 577 W Ray
Moore & Co.
Worm & Co., Ray & Dakota
LAFAYETTE—Dryfus Packing & Provision Co.
LOGANSPORT—Routh W. C. & Co.
MARION—Ballard Packing Co.
MUNCIE—Cavanaugh Packing Co.
Kuhner Packing Co.
RICHMOND—Stolle Anton & Sons
TERRE HAUTE—Ehrmann & Co.
Home Packing & Ice Co.

IOWA.

ALBIA—Albia Packing Co.
CEDAR RAPIDS—Sinclair T. M. & Co., Ltd.
DAVENPORT—Kohrs Packing Co.
DES MOINES—Iowa Packing Co.
DUBUQUE—Dubuque Packing Co.
Frith's Union Slaughter House
Rath Geo. C. & Sons
FORT MADISON—Schaper & Koch
MASON CITY—Decker Jacob E. & Sons
OTTUMWA—Morrell John & Co.
SIOUX CITY—Armour & Co.
Cudahy Packing Co.
WATERLOO—Rath Packing Co.

KANSAS.

ARKANSAS CITY—Henneberry & Co.
HUTCHINSON—Winchester Packing Co.
KANSAS CITY—Armour & Co.
Cochrane Packing Co.
Fowler Packing Co.
Morris & Co.
Swift & Company
LEAVENWORTH—Schalker Packing Co.
PITTSBURG—Hull & Dillon Packing Co.
TOPEKA—Wolff Chas. Packing Co.
WICHITA—Cudahy Packing Co.
Dold Jacob Packing Co.

KENTUCKY.

COVINGTON—Rice C. Packing Co
LOUISVILLE—Armour & Co.
Bornwasser Louis P. Co.
Klarer Provision Co.
Louisville Provision Co
Vissman C. F. & Co.

MAINE.

AUBURN—Merrow Packing Co.
Penley E. W.
Sutton John P. & Co.
BANGOR—Fickett O. A. Co.
Joy A. W. Co.
PORTLAND—Kern Jno. & Son.
ROCKLAND—Thorndike & Hix.

MARYLAND.

BALTIMORE—Armour & Co., 335 W Pratt
Corkran, Hill & Co., Union Stock Yards
George & Co., 404 S. Charles
Greenwald Packing Co., Brunswick nr Wilkens av
Hohman C. & Sons, 2038 E Monument
Jones & Lamb Co., 106 South
Kriel Chas. G., 7 W Henrietta
Kurdle Thos. J., 3811 Eastern av
Kurrle Packing Co., 23 Taylor
Martin D. B. Co., Brunswick nr Wilkens

MASSACHUSETTS.

BOSTON—Batchelder & Snyder Co., 55 Blackstone
Cunningham A. J. Co., 34 Blackstone
Cunningham Packing Co., 84 S Market
Morrell John & Co., 75 Commercial
New England Dressed Meat & Wool Co., 41 N Market
North Packing & Provision Co., 43 N Market
Squire J. P. & Co., 39 No Market
Sturtevant & Haley Beef & Supply Co., 40 F H Market
CAMBRIDGE—Squire J. P. & Co.
SOMERVILLE—New England Dressed Meat & Wool Co.
North Packing & Provision Co.
Sturtevant & Haley Beef & Supply Co.
SPRINGFIELD—Hunt A. C. & Co.
Springfield Provision Co.
WORCESTER—White, Pevey & Dexter Co.

MICHIGAN.

DETROIT—Barlum John J., 319 Lincoln av
Barlum Thomas & Sons, 354 Grand River
Hammond, Standish & Co., 20th & Standish
Newton Packing Co., 1041 14th av
Parker, Webb & Co., 20th & Michigan av
Sullivan Packing Co., 252 Beecher av
MENOMINEE—Twin City Packing Co.
MONROE—Schrauder & Co.
SAGINAW—Cornwell Co.
Hammond Standish Co.
THREE RIVERS—Three Rivers Packing House

MINNESOTA.

ALBERT LEA—Albert Lea Packing Co., Inc.
AUSTIN—Hormel Geo. A. & Co.
DULUTH—Elliott & Co.
FAIRMONT—Ward & Co.
FERGUS FALLS—Fergus Packing Co.
ST. PAUL—Eisenmenger L. Meat Co.
Luley Abattoir Co.
McMillan J. T. Co.
Swift & Co.
WINONA—Interstate Packing Co.

MISSOURI.

CAPE GIRARDEAU—Hirsch Bros. Mercantile & Provision Co.
JACKSON—Mueller H. H.
KANSAS CITY—Cudahy Packing Co.
Dold Jacob Packing Co.
PERRYVILLE—Cissell J. R.
ST. JOSEPH—Freund Packing & Mfg. Co.
Hammond Packing Co.
Morris & Co.
Swift & Co.
ST. LOUIS—Belz J. H. Provision Co., 3601 S. B'way
Carondelet Packing Co., 8000 Ivory av
Cox & Gordon, 1019 S. 3rd
Funk Joseph P. & Co., 1024 N Main
Heil Packing Co., 2216 La Salle
Kehr Packing Co., 3832 Cote Brillante av
Krey Packing Co., 21st & Bremen av
Sartorius Provision Co., 2734 Arsenal
St. Louis Independent Packing Co., 3855 Chateau av
Smith E. R., 2624 Montgomery
Sweet Charles A. Provision Co., 813 Spruce
Swift & Co., 3919 Papin
Van Gel John & Sons, 153 W Russell av
Waldeck Packing Co., Montrose & La Salle
SEDALIA—Stevenson Packing Co.
WARRENSBURG—Roseland Farm & Mfg. Co.

MONTANA.

ANACONDA—Montgomery W. M. & Co.
GREAT FALLS—Great Falls Meat Co.
WALKERVILLE — Walkerville Dressed Meat Co.

NEBRASKA.

LINCOLN—Lincoln Packing Co.
NEBRASKA CITY—Morton-Gregson Co.
OMAHA—Armour & Co.
Cudahy Packing Co.
Morris & Co.
Swift & Company

NEVADA.

RENO—Nevada Packing Co.

NEW JERSEY.

CAMDEN—Helm's D. D. Sons
Schlorer & Son
JERSEY CITY—Armour & Co.
Brainard Bros., 15 Exchange pl
Nagle Packing Co., 27 Ward
Swift & Company
NEWARK—Bailey C. M. & Co., 99 S Orange av
Fink A. & Sons, 129 Belmont av
Newark Packing Co., 217 Astor
PATERSON—Fullerton D. & Co.
Muhs Pkg. Co.
PHILLIPSBURG—Shimer J. R. Co.
TRENTON—Taylor Provision Co.

NEW YORK.

ALBANY—Holland Bros.
Lester A. W.
Schwartz Geo. & Co.
BUFFALO—Danahy Packing Co., 25 Metcalfe
Dold Jacob Packing Co.
Empire Provision & Beef Co., 247 Lewis
Fuhrmann Louis P., 1010 Clinton
Kamman Henry A., 447 Bailey av
Klinck Bros., 588 Howard
Klinck C. Packing Co., 50 Depot
Moschel Jacob Sons, 153 Peckham
Sahlen Jos. Est. of, 310 Howard
Smith Edw. Packing Co., 247 Lewis
CANAJOHARIE—Beechnut Packing Co.
HUDSON—Van Deusen C. A. Co.
LITTLE FALLS—Zoller Jacob Co.
MARATHON—Bouton C. H.

NEW YORK CITY.

Borough of Brooklyn.

Bushwick Pork Packing Co., 29 Bushwick av
Dangles Jacob & Son, 722 Myrtle av
Figge Fred Co., 285 Atlantic av
International Provision Co., 33 Degraw
Meyer Louis Co., 374 Flushing av

Boroughs of Manhattan and Bronx.

Ams Max, Inc., 372 Greenwich
Becker Bros., 2692 3d av
Cudahy Packing Co., 454 W 14th
Ferris F. A. & Co., 262 Mott
Figge & Hutwelker Co., 621 W 40th
Halligan Thos., 629 W 40th
Heyer A. Lester, 318 E 39th
Kern Geo., Inc., 350 W 38th
Kingan Provision Co., 626 W 35th
N. Y. Butchers' Dressed Meat Co., 11th av & 39th
N. Y. Independent Meat Co., 12th av & 131st
Reed's C. H. Sons, 185 1st av
Rohe & Bro., 527 W 36th
Stahl Otto, 2332 3d av
Stern Jos. & Sons, ft W 40th
Swift & Co., 448 Produce Exchange
United Dressed Beef Co. of New York, 1st av & 44th
Webber Richard, 2191 Third av
Weisbecker Chas., 268 W 125th

(End of New York City)

RENSSELAER—Schwartz Frederick
SYRACUSE—Hofman A. C. & Sons
TROY—Helmbold Fritz
UTICA—Durr C. A. Packing Co.
YONKERS—Siebert Bros.

OHIO.

AKRON—Schell C. A. Provision Co.
Zimmerly Brothers Co.
ATHENS—Stedman F. C. & Co.
BELLEVUE—Zehner Brothers Packing Co.
CANTON—Canton Provision Co.
CINCINNATI—Bauer's Jacob Sons, 2932 Massachusetts, Camp Washington
Butcher's Packing Co., 529 Poplar
Cincinnati Abattoir Co., Spring Grove av nr Stock Yds.
Freund Ernst, 1215 W Liberty
Haskins R. & Co., 205 Walnut
Hoffmann's John Sons Co., 2148 Colerain av
Ideal Packing Co., Baymiller nr Central
Kahn's E. Sons Co., 519 Livingston
Lohrey Packing Co., 2827 Massachusetts, Camp Washington
Lohrey & Moellering, 2151 Kendel av
Maescher & Co., 1754 Central av
Meyer H. H. Packing Co., Central av & Linn
Roth John C. Packing Co., 1010 Gest
Sander A. Packing Co., 1026 Gest
Schlachter's Jacob Sons, 2839 Colerain av
Schroth J. & F. Packing Co., Cormany and Township av, Camp Washington
Severet J. A. & Co., 32 E Front
Valley Packing Co., 3673 Colerain av
Vogel Jacob & Son, 2604 Colerain av
Zehler Geo. Provision Co., 1705 Logan
Ziegler & Co., Logan & Elder
CIRCLEVILLE—Groce Charles E.
CLEVELAND—Blumenstock & Reid Co., 3261 W 65th

Cleveland Provision Co., 2527 Canal rd
Forest City Provision Co., 2773 E 37th
Hildebrandt Provision Co., 3620 Clark av
Lake Erie Provision Co., Clark av & C. C. C. & St. L. Ry.
Ohio Provision Co., Clark av & Big Four R. R.
Theurer-Norton Provision Co., 3136 W 63d
COLUMBUS—Blumer-Sartain Packing Co.
Columbus Packing Co.
Denton Brothers
Falter Herman
DAYTON—Baumheckel G. & O.
Burkhardt Henry Packing Co.
Focke's Wm. Sons Co.
Sucher Chas. Packing Co.
FOSTORIA—Fostoria Provision Co.
HAMILTON—Rupp Geo. Packing Co.
Slifer Packing Co.
LIMA—Lima Packing Co.
NEWARK—Miller C. W. & Co.
SANDUSKY—Bear & Ruth Co.
SPRINGFIELD—Springfield Abattoir Co.
TOLEDO—Folger Jacob
Ruedy Bros.
Zehner Bros. Packing Co.
URBANA—Urbana Packing Co.
YOUNGSTOWN—Simon Packing Co.

OKLAHOMA.

OKLAHOMA—Morris & Co.
TULSA—Independent Packing Co.

OREGON.

BAKER—Baker City Packing Co.
NORTH PORTLAND—Union Meat Co.
PORTLAND—Boston Packing Co.
Sterrett Packing Co.
SALEM—Cross E. C. & Son
Steusloff Brothers, Inc.

PENNSYLVANIA.

ALLENTOWN—Arbogast & Bastian Co.
BLAIRSVILLE—Brown Packing Co.
BRIDGEPORT—March A. H. Packing Co.
CARNEGIE—Abbott Packing & Ice Co.
CHESTER—Buckley John J. Co.
COATESVILLE—Shallcross J. & Son
ERIE—Schaffner Bros.
LEHIGHTON—Obert Joseph Co.
McKEESPORT—Peters Packing Co.
MEDIA—Allen Clement E., Inc.
PHILADELPHIA—Bower John Co., 24th & Brown
Burk Louis, Girard & 3d
Consolidated Dressed Beef Co., 30th & Race
Ernst B. Bros., 2920 N 6th
Felin Jno. J. & Co., Inc., 4142 Germantown
Gray's Ferry Abattoir Co., 36th & Gray's Ferry rd
Hausmann Geo. & Sons, 51st & Westminster av
Kingan Provision Co., Callowhill & 8th
Moland's Wm. Sons, 120 Market
Penn Beef Co., 48 N Delaware
Pfund G. F. & Son, 3945 Germantown av
Vogt Fred. G. & Sons, 30th & Race
Wilson-Martin Co., 30th & Market
PITTSBURGH—Denholm J. M. Bros. & Co., 5th & Frankstown avs
Dunlevy Packing Co. ("White Lily" Pork Products, Hams & Butter), Hamilton av & Enterprise
Fried & Reineman, Spring Garden av
Lohrey Henry, 2234 E, N Side
North Side Packing Co., 1448 Spring Garden av
Pittsburgh Provision & Packing Co., Herrs Island
Seiler John Co., 2200 Spring Garden av
Zoller Wm. Co., 343 Spring Garden av
POTTSTOWN—Keck & Co.
POTTSVILLE—Seltzer Packing Co.
Ulmer Jacob Packing Co.
Weissinger Geo. & Bro.
PRESTO—Klein Bros. Packing Co.
READING—Reading Abbattoir Co.
SCRANTON—Stowers Pork Packing & Provision Co.
SHAMOKIN—Croninger Packing Co., Inc.
WASHINGTON—Washington Packing Co.
WILKESBARRE—Paine & Co.
WILLIAMSPORT—Peters John

RHODE ISLAND.

CENTRAL FALLS—Colquhoun D. & Son
PAWTUCKET—Johnson H. S. Co.
PROVIDENCE—†Kimball & Colwell Co. 461 Washington
New England Supply Co., 15 Gordon av
Schott-Suter Co., 52 Randall
Squire John P. & Co., 315 Canal

SOUTH DAKOTA.

RAPID CITY—Rapid City Packing Co.
SIOUX FALLS—Morrell John & Co.
South Dakota Provision Co.

TENNESSEE.

CHARLESTON—Palmer J. C.
GREENEVILLE—Greeneville Packing Co.
KNOXVILLE—†East Tennessee Packing Co.
Knoxville Abbatoir Co.
NASHVILLE—Armour & Co.
Nashville Abatoir, Hide & Melting Assn.
Neuhoff Abattoir & Packing Co.
Neuhoff Packing Co.

TEXAS.

DALLAS—Armstrong Packing Co.
Hahn Max Packing Co.
FORT WORTH—Armour & Co.
Fort Worth Packing Co.
Swift & Co.
HOUSTON—Houston Packing Co.
SAN ANTONIO—Union Meat Co.
TAFT—Taft Packing House

UTAH.

OGDEN—Ogden Packing & Provision Co.
Russell James Co.
PROVO—Provo Meat & Packing Co.
SALT LAKE CITY—Utah Packing & Provision Co.

VIRGINIA.

DANVILLE—Clement A. D.
NEWPORT NEWS—Levinson Packing Co.
NORFOLK—Banks Bros. Packing Co.
RICHMOND—Forbes W. S. & Co.
Hechler V. Packing & Commission Co.
Kingan & Co., Ltd.
ROANOKE—Griggs Packing Co.
ROSSLYN—Rosslyn Packing Co.
SUFFOLK—Smithfield Packing Co., Inc.

WASHINGTON.

NORTH YAKIMA—Yakima Meat Co.
SEATTLE—Cudahy Packing Co.
Frye & Co.
SPOKANE—Stanton E. H. Co.
TACOMA—Carstens Packing Co.
WALLA WALLA—Walla Walla Meat & Cold Storage Co.

WEST VIRGINIA.

WHEELING—Kalbitzer Packing Co.
Reymann Paul O. Co.
Schenk F. & Sons Co.
Wheeling Butchers' Assn.

WISCONSIN.

CUDAHY—Cudahy Bros. Co.
EAU CLAIRE—Drummond Packing Co.
GRAND RAPIDS—Reiland Packing Co.
JEFFERSON—Stoppenbach's C. Sons
MILWAUKEE—Cudahy Bros. Co., 262 Jackson
Frank L. & Son Co., 644 Market
Gross F. C. & Bros. Co., Muskego av
Gumz R. & Co., Muskego av
Layton Co., Muskego av
Plankinton Packing Co., Muskego & Canal

WYOMING.

CHEYENNE—Hammond Packing Co.

9656— Mechanical Draft

Acme Furnace Equipment Co., 39 Cortlandt, New York
American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Engineer Co. (Balanced Draft), 17 Battery pl, New York
Green Fuel Economizer Co., Beacon, N. Y.
McPherson W. G. Co., Portland, Ore.
Mass. Blower Co., Watertown, Mass.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Parson Mfg. Co. ("Parson" System), 35 Nassau, New York
Steacy-Schmidt Mfg. Co. (Induced Draft Fans), York, Pa.
Sturtevant F. & Co. ("Sturtevant," Induced & Forced), 15 Damon, Hyde Park, Boston, Mass.
Thompson Richard & Co., 146H Liberty, New York

Mechanical Schools

See Engineering Schools & Colleges

9657— Mechanical Stokers

See also Furnaces, Smokeless

Armstrong Mfg. Co., Springfield, O.
BABCOCK & WILCOX CO., 85 Liberty, New York
Barnett Oscar Foundry Co. ("Universal" Automatic Smokeless Traveling Chain Grate), Irvington, N. J.
Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Brightman Furnace Co., 2570 Broadway, Cleveland, O.
Casey-Hedges Co., Chattanooga, Tenn.
Clarage Fan Co. (Underfeed), North & Porter, Kalamazoo, Mich.
Combustion Engineering Corp. ("Type E." Bituminous, "Coxe" Anthracite "Type H" Industrial and Heating), 11 B'way, New York
Detroit Stoker Co., 2642 N Grand blvd, Detroit, Mich.
Flynn & Emrich Co. ("Huber" Hand), 305 N Holliday, Baltimore, Md.
Green Engineering Co. ("Green" Chain Grate & "Harrington" Automatic), East Chicago, Ind.
Illinois Stoker Co. (Chain Grate Stokers), Alton, Ill.
Laclede Christy Clay Products Co. Chain Grate & Automatic), Railway Exchange bldg, St. Louis, Mo.
Lehigh Stoker Co., Fullerton, Pa.
McClave-Brooks Co. ("McClave"), Poplar st, Scranton, Pa.
Moloch Co. (Underfeed), Kaukauna, Wis.
Murphy Iron Works, ft. Walker, Detroit, Mich.
Parson Mfg. Co. ("Parson's Automatic), 35 Nassau, New York
Petty J. K. & Co. (Hand Fired), Stephen Girard bldg, Phila. Pa.
Ridgway Mfg. Co. ("Elliott"), Ridgway, Pa.
Riley Sanford Stoker Co. ("Riley" Self-Dumping Underfeed), Worcester, Mass.
Rosedale Foundry & Machine Co. ("Playford" Chain Grate Stoker), Columbus & Preble, Pittsburgh, Pa.
S. & S. Automatic Grate Co. (Automatic), 320 E No. Water, Chicago, Ill.
Standard Stoker Co., Wilmington, Del. ("Roney"), East Pitsburgh, Pa.
Thacher Propeller & Foundry Corp. ("Albany" Smokeless Furnace), Albany, N. Y.
Thropp's John E. Sons Co., ft. of Lewis, Trenton, N. J.
Under Feed Stoker Co. of Am. ("Jones," "A. C.," "Standard" Underfeed), Book bldg, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Roney," Chain Grate & Underfeed & Overfeed), East Pittsburgh, Pa. *See adv index at end of book*
Wetzel Mechanical Stoker Co., Trenton, N. J.

9658—Mechanical Stokers (Chain Grate)

Babcock & Wilcox Co., 85 Liberty, New York
Barnet Oscar Foundry Co. ("Universal" Automatic Smokless Traveling), Irvington, N. J.
Brady Jas. A. Fdry. Co. (Traveling), 45th & Western blvd, Chicago, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Green Engineering Co. ("Green" & "Harrington" Automatic), East Chicago, Ind.
Illinois Stoker Co., Alton, Ill.
Laclede-Christy Clay Products Co. (Automatic), Railway Ex. bldg, St. Louis, Mo.
Rosedale Foundry & Machine Co. ("Playford"), Columbus & Preble, Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9658a—Mechanical Stokers (Overfeed "Roney")

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa. *See adv index at end of book*

9658b—Mechanical Stokers (Under Feed)

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa. *See adv index at end of book*

9659— Medals

American Railway Supply Co., 134 Charles, New York
Cruver Mfg. Co. (Celluloid), 2456H W Jackson blvd, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn.
See adv index at end of book
Waterbury Button Corporation (Metal), 831 S Main, Waterbury, Conn.
See adv index at end of book
Winship Chas. A. & Co., 159 N State, Chicago, Ill.

9659a— Medicinal Oxygen

Linde Air Products Co., 30 E 42nd, New York

9659b— *Medium Filter

Newark Wire Cloth Co. (Mettalic), 223 Verona av, Newark, N. J.
See adv index at end of book

9660— Megaphone Mfrs.

Cowles C. & Co. (Electric Megaphone Speaking Tubes), New Haven, Conn.
Hiller J. G. (Cardboard), 112 N 4th av, Louisville, Ky.
Keennebunk Mfg. Co. ("Brownie," "Kemaco" Fibre), Milton, N. H.
Merriman Bros., 185 Jamaica Plain, Boston, Mass.
National Megaphone Co., Wakefield, Mass.
Rogers E. F. & Co., 410 Arch, Phila., Pa.

9661— *Melters (Metal)

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book



Edwards Metal Ceilings and Walls

Economical
Ornamental
Sanitary
Permanent
Fireproof
Moistureproof
Verminproof

Metal Ceilings are no longer a luxury—they may almost be said to be a necessity. Where formerly they were used almost exclusively in churches, stores, halls and other buildings, they are now also extensively used in private residences, factories, etc. Metal is the most sanitary and easiest to keep clean of any ceiling, is absolutely fire, moisture and verminproof, makes the room cool in summer and warm in winter and there is absolutely no danger from falling plaster.

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9662— Memorial Windows

Arlington Art Glass Works, Atlanta, Ga.
Bryant Bros. Co., 79 E Main, Columbus, O.
Bunce Art Glass Co., Richmond, Va.
Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.
Clinton Glass Co., 1000 W 21st, Chicago, Ill.
Dayton Art Glass Wks., Dayton, O.
Decorative Glass Co., 3248 Chestnut, Phila., Pa.
Decorative Glass Studios, Inc., 152 W 21st, New York
Detroit Window & Stained Glass Co., Detroit, Mich.
Dukes Glass Works (T. W. Tulton, Prop.), 2217 Chestnut, Phila., Pa.
Eberhardt Hugo & Co., 2409 W Roosevelt rd, Chicago, Ill.
Flagg L. G. & Co., Sudbury bldg, Boston, Mass.
Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.
Ford Bros. Glass Co., 207 Washington av, N Minneapolis, Minn.
Haskins Art Glass Co., Rochester, N. Y.
Hausleiter J. & Co., 298 Fulton, Brooklyn, N. Y.
Heinigke & Smith, 24 E 13th, New York
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Lamb J. & R., 25 6th av, New York
Maginn Charles, 17 E 14th, New York
Morgan John & Sons, 96 5th av, New York & 17 Union av, Brooklyn, N. Y.
O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.
Payne Geo. Hardy, Paterson, N. J.
Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.
Phipps Horace J. & Co., 65 Bedford, Boston, Mass.
Quaker City Stained Glass Works, 222 N 4th, Phila., Pa.
Raby, Hinton & Co., Mechanicsburg, Pa.
Rae G. & Co., 173 Prince, New York
Reith Wm., 134 N 7th, Philadelphia, Pa.
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Sellers Benjamin & Sons, 80 Bible House, New York
Spence, Bell & Co., 90 Canal, Boston, Mass.
Spiers Richard N., 257 W 29th, New York
Summers Charles, 1455 59th, Brooklyn, N. Y.
Thatcher-Kerwin Glass Co., 517 Spruce, St. Louis, Mo.
Tiffany Studios, 361 Madison av, New York
Von Gerichten Art Glass Co., 557 So. High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wood Glass Co., Syracuse, N. Y.

9662a— *Memorials

Daprats Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*

9663— Menders (Hose)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Cassady Fairbank Mfg. Co. ("Samson"), 6126 S La Salle, Chicago, Ill.
Detroit Coin Wrapper Co. ("Lightning"), 15 W Milwaukee, Detroit, Mich.
Elkhart Brass Mfg. Co. (Iron), Elkhart, Ind.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hamblin & Russell Mfg. Co. ("Magic" Garden), Worcester, Mass.
Hudson Hose Mender Co. ("Hudson"), Melrose, Mass.
Hudson Parer Co. ("Hudson"), Leominster, Mass.
Knox Mfg. Co. (For Drill & High Pressure Hose), 821 Cherry, Phila., Pa.
Medina Stamping & Mach. Co., Medina, N. Y.
Monarch Hardware Co., 198-200 Terrace, Buffalo, N. Y.
Nelson L. R. ("Perfect"), Peoria, Ill.
Peoria Can Co. ("Improved Perfect Clinching"), Peoria, Ill.
Rauch Manfg. Co., Galena, Kan.
Sherman H. B. Mfg. Co., Battle Creek, Mich
Sommer John Faucet Co., 30 Morris, Newark, N. J.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stulp Fred J., 220 Sanford, Muskegon, Mich. *See adv index at end of book*
Walsh Safety Lock Snap Co. ("Hose Patch," for Fire Hose), Bellevue, O.

9663a— Menthol

Fearon Brown Co. (Imp.), 96 Wall, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Morningstar Chas. & Co., Inc. (Imp.), 349 Broadway, New York
National Aniline & Chemical Co., 121 Burling Slip, New York
Van Brunt J. A. & Co., Inc. (Imp. Japanese, **114 John, New York**
Warren Products Co., 265 B'way, New York
See adv index at end of book

9663b— Mercury

See also Quicksilver

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Stanley J. R. Chem. Co. (Refiners), Union sq, New York

9663c—Mercury, Bichloride (Corrosive Sublimate)

Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

9663d-e—*Mercury (Cyanide)

Cooper Chas. & Co., 194 Worth, New York

9663f— Mercury (Iodide)

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

9663g— *Mesoehorium

Palo Co., 90 Maiden Lane, New York

9663h— Meta-Notroaliline

Du Pont E. I. de Nemours & Co. Inc. (Dyestuffs, Sales Dept.), Wilmington, Del.
See adv index at end of book

9663i—Meta—Toluylenediamine

Du Pont E. I. de Nemours & Co. Inc. (Dyestuffs, Sales Dept.), **Wilmington, Del.**
See adv index at end of book

9664— Metal (Acid Proof)

Acid Proof Iron Products Co., 49 Herman, Newark, N. J.
Bario Metal Corp. (Heat and Resisting), 167 W 18th, New York
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, **Pittsburgh, Pa.**
Durion Casting Co., Dayton, O.
Keystone Bronze Co. ("Keystone," "Valens"), 39th & A. V. R. R., Pittsburgh.
Lawrenceville Bronze Co. (For Tin Plate Machinery), Bessemer bldg, Pittsburgh, Pa.
Pacific Fdry. Co. ("Corrosiron"), H, Harrison & 18th, San Francisco, Cal.
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.), (Monel), 901-937 Pennsylvania, N S, Pittsburgh, Pa.
See adv index at end of book

9664a—*Metal (Acid Resisting, Monel)

WILLIAMS & CO. (INC.), 901-937 Pennsylvania, N S, Pittsburgh, Pa.
See adv index at end of book

9665— Metal (Britannia)

Standard Rolling Mills (Casting, Rolling & Refining), 363 Hudson av, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York

9665a— Metal Ceilings & Walls

See also Ceilings, Sheet Steel

EDWARDS MFG. CO., 545-505 Eggleston av, Cincinnati, O.
See adv index at end of book

9666-7—Metal (Cellular, for Fireproofing)

EDWARDS MFG. CO. ("Keyridge" Reinforcement Metal Lath & Stud Combined), 545-546 Eggleston av, Cincinnati, O. *See adv index at end of book*

9668— Metal (Expanded)

See also Lath, Expanded Metal

Concrete Steel Co., 42 Broadway, New York
Consolidated Expanded Metal Co.'s, Rankin, Pa.
Corrugatd Bar Co., Mutual Life bldg, Buffalo, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
North Western Expanded Metal Co., ("Econo"), Old Colony Bldg., Chicago, Ill.
YOUNGSTOWN PRESSED STEEL CO., Warren, O.
See adv. index at end of book

9669— Metal (Extruded)

AMERICAN BRASS CO. (Brass & Bronze Rods & Special Shapes), Waterbury, Conn.
For branch offices see adv index at end of book
British Aluminum Co., Ltd. (Aluminum), 165 B'way, New York
Chase Metal Works ("Chase"), Waterbury, Conn.

Scovill Mfg. Co. (Brass), Waterbury, Conn.
See adv index at end of book
Seligman Arthur, (Aluminum), 165 B'way, New York
Wenger Paul Co. (Aluminum), 56 Liberty, New York

9670— Metal (Feralun)

American Abrasive Metals Co., 50 Church, New York

Metal Furring

See Furring & Lathing, Iron

9671— Metal Grounds

Knapp Bros. Mfg. Co. ("Knapp System," Base), 2419 W 14th, Chicago, Ill.
Union Metal Corner Co. (For Base), 18 Heath, Boston, Mass.

9671a— Metal (McAdamite)

McAdamite-Aluminum Co., Detroit, Mich.

9672— Metal (Monel)

American Boron Products Co., Inc. (Boronic All Metal Alloys), Reading, Pa.
Eagle Brass Foundry Co. (Goods), Seattle, Wash.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
International Nickel Co., 67 Wall, New York
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67 Washington, North Boston, Mass.
See adv index at end of book
Williams & Co., Inc., 901-937 Pennsylvania av, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

9673—Metal (Non-Corrosive)

Bario Metal Corp., 167 W 18th, New York
International Nickel Co., 67 Wall, New York
Supplee-Biddle Hardware Co. (Monel Metal), 510 Commerce, Phila., Pa.
United Alloy Steel Corp. ("Enduro"), Canton, Ohio
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.) (Non-Corrosive Monel), 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

9674—Metal (Non-Tarnishing)

Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.) (Monel), 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

9675—Metal Novelties & Specialties

Acme Novelty Co., 430 N Oakley av, Chicago, Ill.
Aluminum Container Corp. (Boxes, Cups, etc), Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Automatic Device Co., 515 W Monroe, Chicago, Ill.
American Enamel Co., Providence, R. I.
American Pin Co. ("Ampinco" Stamped & Spun, Turned, from Rod, etc), Waterbury, Conn.
Ansonia Novelty Co., Ansonia, Conn.
Apollo Metal Works, La Salle, Ill.
Archibald Co., The, 667 Howard, San Francisco, Cal.
Armand Machine Works, Inc., 448 N Wells, Chicago, Ill.
Art Metal Works, 7 Mulberry, Newark, N. J.
Autoyre Co., Oakville, Conn.
Baker & Co. (All Kinds Platinum Work), 54 Austin, Newark, N. J.
Barrows Lock Co., Lockport, Ill.
Bates W. E. Mfg. Co., Waterbury, Conn.
Boehck-Lueck Co., 71 W Water, Milwaukee, Wis.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Bronson Homer D., Co. (From Brass, etc), Beacon Falls, Conn.
Chandler Co., Springfield, Mass.
Chicago Metal Mfg. Co., 313 S Clinton, Chicago, Ill.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Clark, Cadle, Harmon Corp. (Made from Brass & Steel Rods, etc.), Rochester, N. Y.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Continental Elec. Co. (For Telephones & Electrical Instruments), 1883 Park av, New York
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Denning Mfg. Co., 1777H E 87th, Cleveland, Ohio
Domestic Novelty Co., 217 High, Newark, N. J.
Dowst Bros. Co., 124 N Ann, Chicago, Ill.
Duffy J. F., Jr. (Specialties), 563 Fulton, Chicago, Ill.
Fargo E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at end of book*
Ferre E. H. Co. (& Leather), Lockport, N. Y.
FISCHER CHAS. SPRING CO., 240 Kent av, Brooklyn, N. Y.
Florence Mfg. Co. (Aluminum Brushes, etc.), Florence, Mass.
Friedley Voshardt Co., 733 S Halsted, Chicago, Ill.
Gaynor Mfg. Co. (Special Sheet Metal Goods), Bridgeport, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Geuder, Paeschke & Frey Co. (To Order), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Goertz Aug. & Co. (Fancy Metal Goods), 276 Morris av, Newark, N. J.
Goodell Jas. N., Jr., Inc., 150 N Loraine av, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
Greist Mfg. Co. (Contract Manufacturers), New Haven, Conn.
Hall Wilbur B., Meriden, Conn.
Hardenburg H. B. & Co., 70H Washington, Brooklyn, N. Y.
Harris Bery Co., 229 Bowery, New York
Havell Mfg. Co. (Gilt, Silvered, Nickel Plated, Brass, Steel & Enameled), 284 Washington, Newark, N. J.
Heise Wm. F. Mfg. Co., 355 Union Park ct, Chicago, Ill.
Hero Mfg. Co. (Aluminum, etc), Westmoreland av & Stokley, Phila., Pa.
Hess Wm. H. (Copper, Brass & Aluminum), Phila, Pa.
Hill Geo. Q. Co., Framingham, Mass.
Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
Illinois Pure Aluminum Co. (Aluminum Combs, Hair Pins, Thimbles, etc), Lemont, Ill.
Johns Engineering Co., 625 Champlain av, Superior Viaduct, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Kawner Mfg. Co. (Drawn Mouldings in Copper, Brass, Bronze, Aluminum & Steel), Niles, Mich.
Keyes-Davis Co., Battle Creek, Mich.
King William P., Syracuse, N. Y.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cinn, O.
Knapp Mfg. Co., 48 Warren, New York
Kronheimer & Oldenbusch Co., 362 5th av, New York
Logan Machine & Mfg. Co., 222 S Clinton, Chicago, Ill.
McMorran Edw. E. & Co. (To Order), 126 N Union, Chicago, Ill.
Matthews H. A. Mfg. Co., Seymour, Conn.
Mechanical Machine & Tool Works, 549 Fulton, Chicago, Ill.
Metal Die & Stamping Works, 721 Fulton, Chicago, Ill.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
MONARCH TOOL & MFG. CO., THE, 122 Opera pl., Cincinnati, O.
Mossberg Frank Co. (Sheet Metal, Stamped & Punched), Attleboro, Mass.
Moyer-Shaw Mfg. Co., 234 E Hancock, Detroit, Mich.
National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.
National Sheet Metal Co. ("Nicolene" Household, Comb Cases, Round & Oblong Trays, Comb Trays & Scrappers), Peru, Ill.
New Haven Plating & Novelty Co., 31 Artizan, New Haven, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Norwalk Mfg. Co. (Specialties), E. Norwalk, Conn.
Novelty Mfg. Co. (Brass Mounting & Trimmings), Waterbury, Conn.
Oakville Co. (Brass & Steel Wire and Sheet Metal), Waterbury, Conn.
O'Neill & O'Neill (Fancy Metal Goods), Newark, N. J.
Osborn J. K. Mfg. Co., Harrison, N. J.
Parke Jno. Y. & Co. (Brass Goods for Hardware Trade), 29 N 7th, Phila., Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Poeppel Emil, 1800 Berenice av, Chicago, Ill.
Poeter E. & Co. (Fancy Metal Goods), 1168 S Grove, Newark, N. J.
Precision Engineering Co., Jamestown, N.Y.
See adv index at end of book
Precision Metal Workers, 3100 Corroll av, Chicago, Ill.
Pressed Steel Car Co. (Pressed Steel Specialties), 307 5th av, Pittsburgh, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book

PRECISION ENGINEERING CO.
Metal Novelties and Stampings
Special Machinery,
Tools and Gauges
JAMESTOWN NEW YORK

Reinforced Concrete Co., St. Louis, Mo.
Richmond Bros. Co., 177 Chestnut, Newark, N. J.
Riley-Klotz Mfg. Co. (Of All Kinds), 17 Mulberry, Newark, N. J.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill. *See adv index at end of book*
Salt Wm. B. Mfg. Co. (Steel, All Kinds), Aspenwall, Pa.
Sargeant Mfg. Co., 79 Summit, Newark, N. J.
Schroeder Brothers Mfg. Co., 111 Brook, Torrington, Conn.
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
See adv index at end of book
Seymour Metal Goods Co., Seymour, Conn.
Siebenbrod Otto Co., 24 S Clinton, Chicago, Ill.
Smith Richardson Co., Attleboro, Mass.
Snow, Albert E., & Co., 252 B'way, New York *See adv index at end of book*
Sterling Metal Novelty Mfg. Co., 174 Worth, New York
Stierlin Machine & Die Works, 625 W Jackson blvd, Chicago, Ill.
Stirrup Mfg. Co., Inc. (Fancy Metal Goods), Market, Newark, N. J.
Success Mfg. Co. (Ash Sifters, Roof Flanges, Traps, etc), Gloucester, Mass.
Thomas Mfg. Co. (Household Specialties), Dayton, O.
Thompson & Bremer, 850 S Canal, Chicago, Ill.
Tobman Mfg. Co. (Notion Specialties), 19 W 3rd, Boston, Mass.
Torrington Mfg. Co. (Brass & Iron), Torrington, Conn.
Troy Stamping Works (Novelties), Troy, N. Y.
Turner & Seymour Mfg. Co. (Of All Descriptions), Torrington, Conn.
Universal Mach. Wks., 1060H Germantown av, Phila., Pa.
Universal Specialty Co., 33 E Kinney, Newark, N. J.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Walsted Machine Co.
Waterbury Brass Goods Corporation (Made from Brass), Waterbury, Conn.
WATERBURY BUTTON CORPORATION (Also Composition), Waterbury, Conn.
See adv index at end of book
Weber Bros. Metal Works, 108 N Jefferson, Chicago, Ill.
Western Steel Car Foundry Co. (Pressed Steel Specialties), 122 S Michigan, Chicago, Ill.
Wis. Iron & Wire Wks., 1660H Booth, Milwaukee, Wis.
Zinn, Simon, Inc. (Light Stamped Sheet Brass, Steel, Tin & Zinc), 25th & 11th av, New York

9676-7— Metal Polish

A-1 Manufacturing Co. ("A-1" Liquid & Paste), Front & Wharton, Phila., Pa.
A. B. Polish Co. ("A. B.," "Brilliant King" Silver), 1515 Haddon av, Chicago, Ill.
Acme Polish Co. (Ltd.), ("Acme" Liquid & Paste, Steel & Copper & "Ayrolite" Silver Dust), 71 12th, Pittsburgh, Pa.
Adams & Elting Co. ("Shi-Nite"), 726 Washington blvd, Chicago, Ill.
Adro Co. ("Adro"), 247 Pearl, New York
ADVANCE PACKAGE & SUPPLY CO. ("Advance"), 54 E Lake, Chicago, Ill.
Albion Mfg. Co., Seattle, Wash.
Alcemo Mfg. Co., 35 Bridge, Newark, N. J.
American Chemical & Mining Co. ("Big Chief"), Atlanta, Ga.
American Metal Polish Co. ("Meyers" Putz Cream), West Somerville, Mass.
American Motor Equipment Co. ("Dazzleine" & "Cinch"), 181 Massachusetts av, Boston, Mass.
American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York
Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.
Apothecaries Hall Co., Waterbury, Conn.
Arco Co., Euclid av & E 65th, Cleveland, O.
Armiger Chemical Co. ("Rex" Cream), 2155 Austin av, Chicago, Ill.
Arnold N. B., ("Silkup"), 1 Sigourney, Brooklyn, N. Y.
Arnstein Eugene ("Shineall"), 3433 S Racine av, Chicago, Ill.
Atlas Auto Supply Co. ("Sunshine"), 656 W Austin av, Chicago, Ill.
Babbitt B. T. (Inc.) ("Spic & Span"), 15 W 34th, New York
Baird Bros. & Co., 1435 W 10th, Cleveland, O.
Baum's Castorine Co. ("Quick Shine," "Rapid"), Rome, N. Y.
Beckley-Ralston Co. ("Carnation-Cream"), 1801 S Michigan av, Chicago, Ill.
Bell Mfg. Co., Main & Gratiot, St. Louis, Mo.

METAL POLISH—continued

Ben-Hur Metal Polish Co. ("Ben-Hur"), Crawfordsville, Ind.
Bennett E. W. & Co. ("Brilliantshine"), 2000 16th, San Francisco, Cal.
Bettes A. O. Mfg. Co. ("Ideal"), 1208 E 12th, Kansas City, Mo.
Black Silk Stove Polish Works, Sterling, Ill.
Blair J. T. Co. ("J. T."), Nashville, Tenn.
Blue Ribbon Mfg. Co., Boston, Mass.
Bobrick Chemical Co. ("E. Z. Q."), Los Angeles, Cal.
Borsum Bros. ("Wonderful," "Trumpet," "Kaiser" Paste, etc), 227 Fulton, New York
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Bowman-Edson Co. ("Edsonia"), 64 Dey, New York
Brewer & Co. ("Volki"), Worcester, Mass.
Buckeye Chemical Co. ("Buckeye"), Akron, O.
California Exterminating Co., Inc., 121 Manhattan, New York.
Certain-teed Products Corp., St. Louis, Mo.
Chemical Supply Co. ("Perfection"), 2450 Canal rd, Cleveland, O.
Cleaner Mfg. Co. ("Polishine," Liquid Paste & Powder), 2842 Olive, St. Louis, Mo.
Cleanola Co. ("Spe-De-Shyne"), Fulton bldg, Pittsburgh, Pa.
Colgan Mfg. & Supply Co. ("Peerless," "Crescent"), 118 Maiden la, New York
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Converse W. W. & Co., Palmer, Mass.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Crowell Chemical Co., ("Oxford" & "Ajax" Liquid Paste & Brick & "Oxford" Nickel), Beverly, Mass.
Crown Chemical Co. ("Bailey's Crown"), Indianapolis, Ind.
Cudahy Packing Co. ("Parrot"), 111 W Monroe, Chicago, Ill.
Dearborn Duster Co. ("Decolene," "Autocrat"), 550 W Harrison, Chicago, Ill.
Detroit White Lead Works ("Rogers Auto Brass Shine"), 560 E Milwaukee, Detroit, Mich.
Dielectric Mfg. Co. ("Dielectric"), 224 S Vandeventer av, St. Louis, Mo.
Dilg Mfg. & Trading Co. ("Acme" plate), 27 E 125th, New York
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Duquesne Polish Co. ("Duquesne"), 53 S 15th, Pittsburgh, Pa.
Eavenson J. & Sons ("Jesco"), Camden, N. J.
Edmonds J. Wesley & Son ("Edmond's Electric"), 212 West, New York
Efficiency Oil Corp. ("Efficiency"), 2100 Kienlen av, St. Louis, Mo.
Electric Cleaner Co., Canton, Ohio
Electro Silicon Co. (Silver Powder), 30 Cliff, New York
Endurance Autoil Co. ("Best Ever"), Muncie, Ind.
Ericka Mfg. Co. ("Shineaul"), Springfield, Mass.
Fairchild M. H. & Bro., 6 W Austin av, Chicago, Ill.
Fiebing Chemical Co. ("Fiebing's" "Lusterine"), 240 Reed, Milwaukee, Wis.
Forbes Benj. P. Co., 409 Superior av, Cleveland, O.
Garratt-Callahan Co. ("Metalshine"), 30 Fremont, San Francisco, Cal.
Globe Polish Co. (Liquid & Paste), Lincoln N. J.
Grady Mfg. Co. ("Scouree," "U-No," "Putz," Glittershine," "Army & Navy," "National," "Compound") 250 Ely av, Brooklyn, N. Y.
Great Western Oil Co. ("G. W."), 284 E 37th, Cleveland, O.
Green Oil Soap Co. ("Kelsoda," "Chassic"), 166 N Curtis, Chicago, Ill.
Greene Mineral Paste Co., Keene, N. H.
Hall-Thompson Co. ("Wonder Worker"), Hartford, Conn.
Harris A. W. Oil Co. ("Harris-Scouree"), 326 So Water, Providence, R. I.
Harvey Chemical Co. ("American" Liquid & Paste "Dissolvent"), Lafayette, Ind.
Hawkeye Oil Co. ("Faultless"), Waterloo, Iowa
Hazen-Brown Co. ("Monkey-Shine"), 727 Atlantic av, Boston, Mass.
Heaney Mfg. Co., 164 State, Boston, Mass.
Hearn H. B. Co. Inc., 101 S Frederick, Baltimore, Md.
Hensel & Meyer, 2149 Belmont av, Chicago, Ill.
Hercules Chemical Wks., 1452H N Wells, Chicago, Ill.
Hinds & Coon ("Ruby-Rub"), 126 Pearl, Boston, Mass.
Hoffman Geo. W. Co. ("U. S." Infallible Paste, Powdered & Liquid, "Bar Keepers' Friend"), 557 E Washington, Indianapolis, Ind.
Hoffman Paint & Varnish Co. ("Anchor"), Waters av, Boston, Mass.
Hollingshead R. M. Co. ("Whiz," "Hollingshead" Liquid, "Glitterbrite," "Nugloss," Body, "Electric Shine," Liquid & Paste), Camden, N. J.
Idealo Co., Bourse bldg, Phila., Pa.
International Metal Polish Co. ("Blue Ribbon"), Quill & Belt Ry, Indianapolis, Ind.
Jewel Mfg. Co. ("Nelson"), 2863 W 22nd, Chicago, Ill.
Johnston Wm. T. Co. ("Moonshine Brand") 3d & Vine, Cincinnati, O.
Justice A. R. Co. ("U-Kane Plate" Silver), 612 Chestnut, Phila., Pa.
Kimball C. M. Co., Winthrop, Mass.
Landers, Frary & Clark ("L. F. & C.," Cleaning & Polishing Powder for Gold, Silver Plated Ware, etc), New Britain, Conn.
Layton Park Oil & Soap Co. ("Dazzler"), Forest H. & Hofmeister, Milwaukee, Wis.
Le Doyen Frank J. Co. ("Varnoil"), 827 Mangold, Baltimore, Md.
Lincoln Fixture & Supply Co. ("Iwanta"), Lincoln, Neb.
Lord F. T. Polish Co. ("Lumino" & "Car-Brite"), Cambridge, Mass.
Lowell Polish Co., Lowell, Mass.
Lustre Creme Mfg. Co. ("Lustre Creme"), Rock Island, Ill.
McLean-Jones Oil & Supply Co., Inc. ("Swastika"), 40 Court, Boston, Mass.
Manufacturers' Oil Grease Co. ("Brass Bright"), Century bldg, Cleveland, O.
Manufacturers' Supplies Co. ("Velox") Juniper & Cherry, Phila., Pa.
Marshall Oil Co. of Iowa ("French"), Marshalltown, Ia.
Martin Martin ("E-Z" Liquid Paste, etc), 3005 Carroll, Chicago, Ill.
Matchless Metal Polish Co. ("Mexoline" Liquid Non-Inflammable, "Matchless" Paste), 151 Varick, New York
Mepham Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.
Michigan Stove Co. ("Garland," Nickel), Adair & Jefferson, Detroit, Mich.
Miller Bros. & Co. ("Sterling" Silver Polish & "Dazzler" Putty Liquid), 894 B'way, New York
Millers' A. D. Sons Co. ("Appex Polishine"), Columbus & Preble, Pittsburgh, Pa.
Mills H. W. & Co. ("Croftstein"), Paterson, N. J.
Modoc Co. ("Modoc," Brass Polish), Fernwood, Phila., Pa.
Monroe Specialty Co. ("Meritorious"), 6 Dover, New York.
Moore E. C. & Son Co. ("Moore"), 11 Elizabeth av, Detroit, Mich.
Morris Richard S. & Co. ("Shine On"), 138 N Dearborn, Chicago, Ill.
Morris R. W. Mfg. Co. ("Golden Star"), 815 E 21st, Kansas City, Mo.
Motor & Machinists Supply Co. ("M. & M. Diamond"), 1519 Grand, Kansas City, Mo.
Mutual Auto Accessories Co. of America ("Skidoo," "23" & Hand Soap), 1777 Broadway, New York
National Rubber & Specialties Co. ("Pioneer" Liquid), Winton pl, Cincinnati, O.
N. J. Paint Works ("New Jersey" & "Bertram"), Wayne, Jersey City, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
No. American Chemical & Engineering Co. ("Eureka" "North American" in Liquid & Paste), 23 Old Slip, New York
Northwestern Chemical Co. ("Sil-ver-ol," "Pioneer"), Marietta, O.
Northwestern Mfg. Co., 725 E Vermont, Indianapolis, Ind.
Noxall Polish Mfg. Co. ("Noxall"), 1238 Belmont av, Phila., Pa.
Nu Back Mfg. Co. ("Brass-Nu"), 114 N Commercial, St. Louis, Mo.
Opie J. W. Brush Co. ("O P"), Kansas City, Mo.
Oriental Rouge Co. ("Oriental" Rouges), Bridgeport, Conn.
Orona Sales Co. ("O. M. C. Alumishine"), 29 India, Boston, Mass.
Panama Oil & Grease Co. ("Panama" Liquid & Paste), 159 W 51st, New York
Parker Refining Co. ("Shine Bright"), 1307 W 11th, Cleveland, O.
Patterson Lubricating Co. ("Patterson Lustre"), 114 Broad, Boston, Mass.
Patton Paint Co. ("Sunbright"), Milwaukee, Wis.
Paul J. C. & Co. ("Burnshine"), Liquid, "Putz," Pomade, "Pride of the Bar Powder"), 930 Roscoe, Chicago, Ill.
Polish Products Co., Kansas City, Mo.
Pride of the Kitchen Co. ("Peekay"), 390 Smith, Brooklyn, N. Y.
Providence Oil Co. ("Zone"), 10 Dorrance Wharf, Providence, R. I.
Pure Oil Co. ("Puritan"), 1st & 13th av, S, Minneapolis, Minn.
Puritan Oil Co. ("Gilsten"), 1244 W 70th, Cleveland, O.
Puritan Soap Co. ("Puritan," Liquid), 496 Exchange, Rochester, N. Y.
Quaker Soap Co. ("Quaker"), 207 Provost, Jersey City, N. J.
Rath Mfg. Co. ("Imperial," "Staraline," "Swiss Shine," "Golden Sceptre," "High Shine" & "Chas. Rath's Original"), Headley E. of Richmond, Phila., Pa.
Reid W. W. Mfg. Co., ("Reid's Putz" & "Reid's Putz Pomade"), 17 Caldwell, Boston, Mass.
Reith Polish Co., 1626 N Sawyer av, Chicago, Ill.
Rexine Company ("Maxine"), Sheboygan, Wis.
Richmond Bros. ("Met-al-shine"), 616 Main, Cincinnati, Ohio
Rochester Chemical Co. ("Shinon"), Rochester, N. Y.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Sawyer Howard B. Oil Co., ("Sawyer's"), 62 Long wharf, Boston, Mass.
Schlegel Oscar Mfg. Co. ("Lustreine" Liquid), 124 E 13th, New York
Sheppard W. S. ("Prestoshine"), 21 Lawrence, Newark, N. J.
Sherwin-Williams Co. ("Brassbrite"), Cleveland, O.
Solarine Co., 153 N Carpenter, Chicago, Ill., & Emerson bldg., Baltimore, Md.
Solshine Mfg. Co. ("Solshine"), 22 Custom House, Boston, Mass.
Sonneborn L. Sons ("Amalie" Paste, Liquid & Non-Burning), 262 Pearl, New York
Speare's Alden Sons Co., ("Speare's"), Cambridge, Mass.
Standard Chemical Co. ("Standard"), Houston, Texas
Stanley Jno. T. ("Hyglo"), 642 W 30th, New York
Star Oil Co., 348 N Irving av, Chicago, Ill.
Stevens Geo. L., Essex, Conn.
Stinson B. F. & Co. ("Easybright"), Buffalo, N. Y.
Superl Mfg. Co. ("Superl") (for all Metals) Los Angeles, Cal.
Suydam M. B. Co. ("Monarch"), 61st & Butler, Pittsburgh, Pa.
Sweet C. F. ("Sweet's Magic"), Hartford, Conn.
Tanite Co. ("Tanite" Polishing Paste), Stroudsburg, Pa.
Tarbox Mfg. Co., New London, Conn.
Taylor Gilbert D., 3828 S State, Chicago, Ill.
Thumb E. W. ("Sunshine" Brass Bed), 872 Orleans, Chicago, Ill.
Trafton F. M. Co. ("Brilliant"), 176 Federal, Boston, Mass.
Ulrich & Co. ("A-O-K," "Raydo" Liquid & Dry), 363 E North, Buffalo, N. Y.
Uno. Mfg. Co. ("S & B" "Uno"), 6433 Ravenswood av, Chicago, Ill.
U-Sav-Your Mfg. Co. ("U-Sav-Your" Automobile Dressing & Polish), Warren, Mass.
Utility Co. (Powder), 636 W 44th, New York
Van Tilburg Oil Co. ("Goldshine"), 2428 University av, S E, Minneapolis, Minn.
Wadsworth-Howland Co., ("Bay State"), 141 Federal, Boston, Mass.
Warren Refining & Chemical Co. ("Warren"), 9420 Meech av, Cleveland, O.
West Disinfecting Co. (Kwyk), 411 5th av, New York
Western Robe Mills ("Allen's New Discovery" Powder "Western" Liquid), 162 N Des Plaines, Chicago, Ill.
Williams Mfg Co, Westerville, O
Wilson Mfg. Co., Lennox bldg, Cleveland, Ohio.
Winn Wm. R ("Moonshine"), 488 Cherry, New York
Wright J. A. & Co. ("Red Star" Powder), Keene, N. H.
Young Orlando W., 33 Ross, Newark, N. J.

9678—Metal Sash & Moldings

Biele Chas. F. & Sons Co. (Brass, Bronze, Copper, Nickel, Silver, Platinum, etc), 381 W 12th, New York
Braun J. G., 609 S Paulina, Chicago, Ill.
Cal. Fire Proof Door Co. (Metal Covered "Wilcox"), 1931 S Los Angeles, Cal.
Clason Architectural Metal Works (Metal Frames & Sashes Only). Works: 428 Kinsley av, Providence, R. I.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Hunkins-Willis Lime & Cement Co. (Dlrs. Metal Sash), Century bldg, St. Louis, Mo.
McCord Mfg. Co. (For Car Windows, etc.), 2587 E Grand blvd, Detroit, Mich.

9679— Metal (Silver)

Empire Metal Co. (For Bright Galvanizing), Syracuse, N. Y.
Round Mountain Mining Co., Montgomery, San Francisco, Cal.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

9679a— Metal Small Wares

Am. Brass Products Co., Pottstown, Pa.
Bass H. & Son, 434 Broadway, New York

9679b— *Metal (Sparking)

New Process Metal Co., 46-50 Center, Newark, N. J.

9679c— Metal (Thermostatic)

WILSON H. A. CO., 99 Chestnut, Newark, N. J.

9680—Metal Threshold (Air Tight)

Pittsburgh Air Tight Metal Door Sill Co., Liberty & Short, Pittsburgh, Pa.

Metal (Tungsten)

See Ferro-Tungsten

9681-2—Metal (Yellow Muntz)

Baltimore Tube Co. (Tubing, Pipe, Sheets & Condenser Tubes), Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Clark av, nr Wabash R. R., Detroit, Mich.
Hungerford U. T. Brass & Copper Co. (Plates, Sheets, Nails & Rods), 80 Lafayette, New York
Merchant & Evans, Washington av & 21st, Phila., Pa.
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
Natl. Smelting Corpn., 554 Bryant, San Francisco, Cal.
Taunton-New Bedford Copper Co. (Sheets, Bars, etc.), Taunton, Mass.

9683— Metallic Sash Bars

Anderton E. K., 210 Grand, New York
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Braun J. G., 609 S Paulina, Chicago, Ill.
Detroit Show Case Co., 1670H, Fort W., Detroit, Mich.
International Steel & Iron Co., Evansville, Ind.
Jones Trevor F. & Co., 374 W B'way, New York
National Metallic Sash Co. (Zinc), 355 Union Park, Chicago, Ill.
Rochester Show Case Works, Rochester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Thorne Hold-Fast Metal Bar Co., Troy, N. Y.
Voltz Mfg. Co. ("Universal"), 914 Penn., St. Joseph, Mo.

9683a—Metallographic Apparatus

HOLZ & CO. INC., 18 Madison av, New York. *See adv index at end of book*

9684—Metallurgical Research Apparatus

Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book

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Metals (Anti-Friction)

See Babbitt Metal; also Bearings, Various Kinds

9685—Metals (Antimonial Lead)

Acme Novelty Co., 430 N. Oakley av, Chicago, Ill.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.

9686— Metals (Antimony)

AMALGAMATED METALS SELLING CO. LTD., 42 Broadway, New York
Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.
Brooklyn Alloys Co., 17H Walton, Brooklyn, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Hendricks Bros., 49 Cliff, New York
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Richards & Co., 192 Beverly, Boston, Mass.
Trotter Nathan & Co., 36 N Front, Philadelphia, Pa.
Union Smelting & Refining Co. Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
Wah Chang Mining & Smelting Co., 233 B'way, New York
Weil Louis, 32, B'way, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
Winter Son & Co. (Imp.), 64 Wall, New York
Wolff L. A. Metal Works, 1257 Harrison av, Cincinnati, O.

9687-8—Metals (Benedict Nickel)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Metals (Bearing)

See Babbitt Metal; also Bearings, various kinds.

9689— Metals (Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
CHASE ROLLING MILL CO. ("Chase"), Waterbury, Conn.
Stamford Rolling Mills Co., Inc. (Sheets), Springdale, Conn.
Wolff L. A. Metal Works, 1257 Harrison av, Cincinnati, O.

9690—Metals (Cupro Nickel)

AMERICAN BRASS CO. (Sheets), Waterbury, Conn.
For branch offices see adv index at end of book
Scovill Mfg. Co. (Products to Order Only), Waterbury, Conn.
See adv index at end of book
Stanford Rolling Mills Co. (Sheets), Springdale, Conn.

9690a— *Metals (Die Casting)

KRAMER H. & CO., Loomis & 21st pl, Chicago, Ill.
Union Smelting & Refining Co. ("Usarco"), 63 Park Row, New York
See adv index at end of book

9691—Metals (Electrotype, Linotype, Monotype, Stereotype, Etc.)

Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Eagle Picker Lead Co. The, 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Empire Metal Co., Syracuse, N. Y.
Finn John Metal Works, Seattle, Wash.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
Hiertz Theo. Metal Co., Alaska & Tesson St. Louis, Mo.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Jacobson I. M. & Sons, 70 Catherine, Detroit, Mich.
Lee-Zurich Alleys Corp., 335 Calyer, Brooklyn, N. Y.
Lissberger, Marks & Son, 281 Borden av, Long Island City, New York
London & Sack, 259 Front, New York
Merchant & Evans, Washington av & 21st, Phila., Pa.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Murphy Metal Co., 327 S La Salle, Chicago, Ill.
Nassau Smelting & Refining Works, 603 W 29th, New York
National Lead Co., 111 B'way, New York
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co. ("Crescent," "Crown"), 9th & Thompson, Phila, Pa.
Northwestern Shot & Lead Works, 90 Fairfield av W, St. Paul, Minn.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Peerless Alloy Co., Denver, Col.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Rogers Metal Works, Kansas City, Mo.
Selby Smelting Works ("Perfection"), 201 1st, San Francisco, Cal.
Staplin & Smith, 359 W Austin, Chicago, Ill.
Union Smelting & Refining Co. Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
UNITED AMERICAN METALS CORP., (Syracuse Smelting Works, subsidiary), 192 Diamond, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Wensley Metal Products Co., Denver, Colo.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.
Wolff L. A. Metal Works, 1257 Harrison a, Cincinnati, O.

9692— Metals (King)

Mohican Brass & Copper Works, 107 Liberty, New York
Patterson Bros., 277 Park Row, New York

9693— Metals (Magnesium)

American Magnesium Corp., Niagara Falls, N. Y.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
United Smelting & Aluminum Co., Inc, 183-189 Commerce, New Haven, Conn.

9694— Metals (Manganese)

Dow Chemical Co., Midland, Mich.
Metal & Thermit Corp., 120 B'way, New York

9695— Metals (Nickel)

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
International Nickel Co., 67 Wall, New York
Merchant & Evans, Washington av & 21st, Phila., Pa.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
United States Nickel Co., New Brunswick, N. J.
Whipple & Choate, Bridgeport, Conn.
WILLIAMS & CO. (INC.) 901-937 Pennsylvania av, N. S.
See adv index at end of book

9695a—Metals (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index at end of book
Chase Metal Works ("Chase") Waterbury, Conn.
Scovill Mfg. Co. (Specialties), Waterbury, Conn. *See adv index at end of book*

Metals (Old)

See Scrap Iron & Steel
See also Scrap Brass & Copper

9696— Metals (Perforated)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Perforated Metal Co., Belleville, N. J.
Beckley Perforating Co. (For All Purposes), Garwood, N. J.
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.

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Chicago Perforating Co., 208 S LaSalle, Chicago, Ill.

Cross Engineering Co., Carbondale, Pa.

ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book

Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.

Hendrick Mfg. Co., Carbondale, Pa.

Hungerford U. T. Brass & Copper Co. (Brass, Copper, Iron or Steel), 80 Lafayette, New York

Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.

Laubenstein Mfg. Co., Ashland, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, O.

Manhattan Perforated Metal Co., 237 Centre, New York

Merchant & Evans Co. (Brass, Copper, Iron or Steel), Washington av & 21st, Phila., Pa.

Multi-Metal Separating Screen Co., 251 W 19th, New York

Mundt Charles & Sons, 53 Fairmount av, Jersey City, N. J.

Nortmann-Duffke Foundry Co. (Perforated from all Metals), 27th av, Milwaukee, Wis.

Novelty Mfg. Co. (Also Embossed), Waterbury, Conn.

Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.

Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.

Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

9697— Metals (Plated Sheet)

National Sheet Metal Works, (Nickel, Tin & Zinc, Bronzene, Brassene, Copperene, etc), Peru, Ill.

9698-9— Metals (Platers')

Connecticut Brass & Mfg. Corp. (Thin Gauges of Rolled Brass, Bronze, Nickel, Silver, Copper), Waterbury, Conn.

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland

Merchant & Evans Co., Washington av & 21st, Phila, Pa.

Winchester B. & C. Co. (Thin Gauges, Rolled Brass, Bronze & Copper), Winsted, Conn.

9700— Metals (Silicon)

Carborundum Co., Niagara Falls, N. Y.

9701— Metals (Silver)

Earle E. P., 165 Broadway, New York

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

9702— Metals (Terne)

Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.

9703—*Metals (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

9703a—Meter—Discs & Counters (Numbered)

Hanks F. W. ("Nowarp" Discs), 1064 St. Clair av, Cleveland, O.

9704— Meter Provers

American Meter Co., 3112 N 17th, Phila., Pa.

Equitable Meter Co., 424 1st av, Pittsburgh, Pa.

Frontier Meter Works, Buffalo, N. Y.

McDonald D. & Co., Albany, N. Y.

Phoenix Meter Co., Camden, N. J

PITTSBURGH METER CO,, East Pittsburgh, Pa.

Standard Meter Co., 3117 N 17th, Phila., Pa.

Superior Meter Co., 254 36th, Brooklyn, N. Y.

9705— Meter Seals

American Seal Co., Bridgeport, Conn.

Amer. Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.

Books E. J. Co., 227 Fulton, New York

Eastern Specialty Co., 3310 Germantown, Phila., Pa.

International Seal & Knot Protector Co., 133 Mercer, New York

Keystone Seal & Press Co. ("Keystone"), 30 Main, Brooklyn, N. Y.

Lattimer-Stevens Co., 74 E Gay, Columbus, O.

Metropolitan Engrg. Co., 1250 Atlantic av, B'klyn, N. Y.

United Seal Co. ("Safety," "Peerless"), 239 S Pearl, Columbus, O.

9706— Meters (Acetylene)

Bachrach Industrial Instrument Co., H, Murtland & Bennett, Pittsburgh, Pa.

Cleveland Gas Meter Co., 2180 E. 65th, Cleveland, O.

Frontier Meter Works, Buffalo, N. Y.

Griffin John J. & Co., 1513 Race, Phila., Pa.

Maryland Meter Works, North & Saratoga, Baltimore, Md.

9707— Meters (Air)

Bachrach Industrial Instrument Co., Dept. H, Murtland & Bennett, Pittsburgh, Pa.

Bailey Meter Co. ("Bailey"), 2017 East 46th, Cleveland, O., & 139 Milk, Boston, Mass.

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

Clark, Chas. J., 1716 W Adams, Chicago, Ill.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Metric Metal Works ("Westcott"), Erie, Pa.

St. John G. C., 280 Madison av, New York

Wissler A., B'way & Washington av, St. Louis, Mo.

9707a—*Meters (Air Speed, for Aeroplanes)

FOXBORO COMPANY THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book

9708-9—Meters (Ampere Hour)

Sangamon Electric Co. ("Sangamo" Direct Current), Springfield, Ill.

Meters (Auto)

See Meters, Speed Indicating

9710— Meters (Beer)

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

9710a— Meters (Boiler)

Bailey Meter Co. ("Bailey" For Rate of Flow, Steam, Air & Flue Gas Temperature), 2017 East 46th, Cleveland, O., & 139 Milk, Boston, Mass.

Blanck W. A. & Co. (Efficiency), 155 N Clark, Chicago, Ill.

9710b— Meters (Brine)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.

9710c—Meters (By-Product Coke Oven Gas)

Bailey Meter Co. ("Bailey"), 2017 East 46th, Cleveland, O., & 139 Milk, Boston, Mass.
Builders Iron Foundry ("Venture"), Providence, R. I.
Cutler-Hammer Mfg. Co., Milwaukee, Wis. *See adv index at end of book*

9710d—Meters (Chemical Solutions)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

9711— Meters (Coal)

C. J. Mfg. Co. (For Stokers, etc), 3425 N 5th, Phila., Pa.
Havard O. D. Co. ("Harvard"), Scranton, Pa.

9712-3— Meters (Current)

See also Meters, Flow

Buff & Buff Mfg. Co., Jamaica Plain, Mass.
Gurley W. & L. E. ("Price," For Steam Gaging), Troy, N. Y.
Sangamo Electric Co. (Car, Street Railway & Motor Current), Springfield Ill.
Simple Valve & Meter Co., 110 N Broad, Phila., Pa.

9714— Meters (Disc)

BUFFALO METER CO. ("American" & "Niagara"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

9715-6—Meters (Distance Recording)

Bullard Specialty Co. (Speedometer & Odometer Combined), Springfield, Mass.
Du Vivier Ernest H. (Imp), 30 Church, New York
Elec. Tachometer Corp. ("Tetco" Electric Odometers, Speedometers, etc.), 310 North 11th, Phila., Pa.
Queen-Gray Co., 64-70H, W Johnson, Phila., Pa.
Sibley Pitman Electrical Corp. ("Abell"), 190 6th av, New York
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
Veeder Mfg. Co. ("Veeder" Cyclometers, Hub Odometers), Hartford, Conn.

Meters (Electric)

See Wattmeters; also Ammeters & Voltmeters

9717—Meters (Feed Water)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, Ohio, & 139 Milk, Boston, Mass.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Central Station Steam Co., 710 Woodbridge av, Detroit, Mich.
Cochrane H. S. B. W. Corp. ("Cochrane"), 3147 N 17, Phila., Pa.
Hoppes Mfg. Co., Springfield, Ohio
Simplex Valve & Meter Co., 110 N Broad Phila., Pa.
Yarnall-Waring Co., Chestnut Hill., Phila., Pa.

9718— Meters (Flow)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, Ohio, & 139 Milk, Boston, Mass.
FOXBORO COMPANY, THE ("Foxboro," Steam, Water & Gas), Foxboro, Mass. *See adv index at end of book*
GENERAL ELECTRIC CO. (For Air, Steam Water, Gas & Oil), Schenectady, N. Y. *See adv index at end of book*
Precision Instrument Co., 21 Halsey, Newark, N. J.
Republic Flow Meters Co., 565 Washington blvd, Chicago, Ill.
Spray Engineering Co. ("Vaughan" Light Indicating), 60 High, Boston, Mass.

9719— Meters (Frequency)

Biddle James G. ("Frahm"), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristol" Recording), Waterbury, Conn.
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Lombard Governor Co. (Precision), Ashland, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

9720— Meters (Fuel Gas)

American Meter Co., 3112 N 17th, Phila., Pa.
Bachrach Industrial Instrument Co., Dept. H, Murtland & Bennett, Pittsburgh, Pa.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Equitable Meter Co. ("Emco"), 424H 1st av, Pittsburgh, Pa.
PITTSBURGH METER CO., East Pittsburgh, Pa.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Uehling Instrument Co., 71 B'way, New York

9721— Meters (Gas)

American Meter Co. (Wet & Dry), 3112 N 17th, Phila., Pa.
Bachrach Industrial Instrument Co., H, Murtland & Bennett, Pittsburgh, Pa.
Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, O. & 139 Milk, Boston, Mass.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Cleveland Gas Meter Co. (Also Cast Iron for Natural Gas), 2180 E 65th, Cleveland. O.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
CUTLER-HAMMER MFG. CO. (Electric, for Gas Plants), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Equitable Meter Co. ("Equitable," "Emco" Dry), 424 1st av, Pittsburgh, Pa.
Foxboro Co. The ("Foxboro" Orifice), Foxboro, Mass. *See adv index at end of book*
Gas Machinery Co. (Station), 1900 Euclid av., Cleveland. O.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Griffin J. J. & Co., 1513 Race, Phila., Pa.
Helme & McIlhenny, 1339 Cherry, Phila., Pa.
McDonald D. & Co., Albany, N. Y.
Metric Metal Works (Natural & Artificial Gas), Erie, Pa.
Ohio Gas Meter Co. (Tin), Soc. for Sav. bldg, Cleveland, O.
Phoenix Meter Co., Camden, N. J.
PITTSBURGH METER CO. ("Westinghouse" Gas & "Westinghouse" Proportional), East Pittsburgh, Pa.
Rotary Meter Co. (Rotary Meter), 52 Vanderbilt av, New York
St. John G. C. ("St. John" Indicating & Recording), 280 Madison av, New York
Sprague Meter Co. (Cast Iron), Bridgeport, Conn.
Standard Meter Co. (Natural & Artificial Gas), 3117 N 17th, Phila., Pa.
Standard Meter & Mfg. Co. (Natural & Artificial Gas), 433 W 42d, New York
Superior Meter Co. (also Oxygen & Hydrogen & Anesthetic), 254 36th, Brooklyn, N. Y.
Tufts Nathaniel Meter Co., 455 Commercial, Boston, Mass.

9722— Meters (Gasoline)

BUFFALO METER CO. ("Niagara"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Pittsburgh Meter Co. (Service Station), East Pittsburgh, Pa. *See adv index at end of book*
Phila. Meter Co., Real Estate Trust bldg. Phila., Pa.

9723—Meters (Grade Indicating)

Adams Co. ("Gradometers"), Dubuque, Ia.
Wissler A., B'way & Wash av, St. Louis, Mo.

9724— Meters (Hot Water)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland O., & 139 Milk, Boston, Mass.
Buffalo Meter Co. ("Niagara"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
PITTSBURGH METER CO., East Pittsburgh, Pa.
SIMPLEX VALVE & METER CO. ("Simplex Venturi" & for V Notch Weirs), 110 N Broad, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

9725—Meters (Lumber Measuring)

Adde & Co., Portland, Me.
Tally-Meter Co. ("Tally-Meter"), Norwich, Conn.

9726— *Meters (Natural Gas)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland O., & 139 Milk, Boston, Mass.
PITTSBURGH METER CO., East Pittsburgh, Pa.

9727— Meters (Oil)

BUFFALO METER CO. (Niagara"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Milwaukee Tank Works, Fratney & Becker, Milwaukee, Wis.
National Meter Co., 299 B'way, New York
National Supply Co. (Fuel Oil), 416 W Grand av, Chicago, Ill.
PITTSBURGH METER CO., East Pittsburgh, Pa.
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.
Union Water Meter Co. ("Ball & Fitts"), Worcester, Mass.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

9728— Meters (Photometer)

American Meter Co., 3112 N 17th, Phila., Pa.
Superior Meter Co., 254 36th, Brooklyn, N. Y.

9729— Meters (Pitot Tube)

SIMPLEX VALVE & METER CO. ("Simplex"), 110 N Broad, Phila., Pa.

9730— Meters (Pocket)

American Ever Ready Wks. ("Ever Ready" for Testing Batteries), Thompson av, L. I. City, New York
Roberts Instrument Co. (Battery Testing), Detroit, Mich.
Sterling Mfg. Co. ("Sterling" Battery), Blackstone bldg, W 3rd, Cleveland, O.

9730a— Meters (Positive)

Pittsburgh Meter Co., E Pittsburgh, Pa.

Meters (Prepayment Gas)

See Meters, Gas

9731—Meters (Proportional Gas)

Equitable Meter Co. ("Emco," "Wylie"), 424 1st av, Pittsburgh, Pa.
Maryland Meter Works, North & Saratoga, Baltimore, Md.
PITTSBURGH METER CO. ("Westinghouse"), East Pittsburgh, Pa.

9732—Meters (Recording Complaint)

Maryland Meter Works, North & Saratoga, Baltimore, Md.

9732a— *Meters (Rope)

Gant E. M. Mfg. Co. Inc. ("Gant"), Ethridge, Tenn.

9733— Meters (Sewage)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

9734—Meters (Speed Indicating)

See also Indicators, Speed

Bullard Specialty Co. (Speedometer, Odometer & Clock Combined), Springfield, Mass.
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York *See adv index at end of book*
Jones Speedometer ("Jones"), 590 Jackson
Du Vivier Ernest H. (Imp), 30 Church,
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Elgin National Watch Co., Elgin, Ill.
Nicholson Ship Log & Realty Co. ("Nicholson" for Motor Boats, Yachts, etc), 409 Superior, N W, Cleveland, O.
Stewart-Warner Speedometer Corp. ("Warner" Auto Meters), 1826 Diversey Parkway, Chicago, Ill.
Veeder Mfg. Co. ("Veeder Speed Counter," also "Tachometer"), Hartford, Conn.

9735— Meters (Station)

American Meter Co., 3112 N 17th, Phila., Pa.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Equitable Meter Co. ("Emco"), 424H 1st av, Pittsburgh, Pa.
Helme & McIlhenny, 1339 Cherry, Phila., Pa.
McDonald D. & Co. ("Hinman" Drum), Albany, N. Y.
Phoenix Meter Co., Camden, N. J.
Rotary Meter Co. (Rotary Meter), 52 Vanderbilt av, New York
Southern Saw Works, East Point, Ga.
Standard Meter Co., 3117 N 17th, Phila., Pa.
Tufts Nathaniel Meter Co. ("Hinman"), 455 Commercial, Boston, Mass.

9736— Meters (Steam)

American District Steam Co. ("Holly," "Rotometer," "St. John" Steam and "Simplex" Condensation), N Tonawanda, N. Y.
Bailey Meter Co. ("Bailey" Steam Plow), 2017 E 46th, Cleveland, O., & 139 Milk, Boston, Mass.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

AMERICAN AND NIAGARA METERS

For WATER, HOT WATER, OIL and GASOLINE



Over 450,000 in Use

All sizes have pivot bearing intermediate gears, reinforced disc pistons, dirt proof submerged bearings, free delivery of flow or adjustment for excessive pressures, removable strainer, fewest and most simple parts kept clean and operative by special design, three styles of outside casings and either straight or standard registers indicating U. S. gallons, imperial gallons, cubic feet or litres.

BUFFALO METER CO.

2921 Main Street, Buffalo, N. Y.



Straight Reading Register

METERS (STEAM)—continued

Central Station Steam Co. ("Detroit"), 710 Woodbridge, Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Pearce W. H. & Co. ("Crescent" Condensation), 115 S Dearborn, Chicago, Ill.
Plant Engineering & Equipment Co., Inc. (Mason), 192H B'way, New York
St. John G. C. ("St. John" Indicating & Recording, 280 Madison av, New York
Sargent Steam Meter Co. ("Sargent"), 820 So Tripp, Chicago, Ill.

9737— Meters (Test)

American Meter Co., 3112 N 17th, Phila., Pa.
BUFFALO METER CO. (For Testing Water Meters), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Equitable Meter Co. ("Emco"), 424H 1st av, Pittsburgh, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Phoenix Meter Co., Camden, N. J.
Standard Meter Co. (Portable), 3117 N 17th, Phila., Pa.
Precision Instrument Co. (Gas), 21 Halsey, Newark, N. J.
WESTINGHOUSE ELECTRIC & MFG. Co., E Pittsburgh, Pa. *See adv index at end of book*

9738—Meters (Testing, Water Meter)

BUFFALO METER CO. ("American"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*

9738a— Meters (Torsion)

Cummings Ship Instrument Works ("Gary-Cummings"), 110 High, Boston, Mass.
McNab Co. ("Hopkinson Thring"), Bridgeport, Conn.

9739—Meters (Turbine Water)

Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

9739a— *Meters V. Notch

Cochrane H. S. B. W. Corp., 3147H N 17th, Phila., Pa.

9740— Meters (Water)

ALBERGER PUMP & CONDENSER CO. ("Hammond"), 140 Cedar, New York
Badger Meter Mfg. Co. (Disc), 841 30th, Milwaukee, Wis.
Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, O. & 139 Milk, Boston, Mass.
BUFFALO METER CO. ("Buffalo," "Niagara," "American"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Builders Iron Foundry ("Venturi" for Hot & Cold Water, Brine, Chemical Solutions, Oil, Gas, Air & Steam), 9 Codding, Providence, R. I.
Desper H. A., 40 Shelby, Worcester, Mass.
Gamon Meter Co. ("Watch Dog"), Newark, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hersey Mfg. Co. ("Detector," Disc, Rotary & Torrent), 314 W 2nd, South Boston, Mass.
Hydrometic Co., 953 N Main, Los Angeles, Cal.
National Meter Co. ("Empire Crown," "Nash Gem," "Premier"), 299 B'way, New York
Neptune Meter Co. ("Trident"), 50 E 42d, New York
PITTSBURGH METER CO. ("Eureka" & "Keystone"), E Pittsburgh, Pa
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.
SIMPLEX VALVE & METER CO. ("Simplex Venturi," "Pitot Tube," V Notch & Rectangular Weirs), 110 N Broad, Phila., Pa.
Standard Meter & Mfg. Co., 433 W 42nd, New York
Thomson Meter Co. ("Lambert"), 116 Bridge, Brooklyn, N. Y.
Union Water Meter Co. ("King," "Union," "Columbia," "Nilo," "Nilo-Compound" "Union Compounding Valve"), Worcester, Mass.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

9741— Meters (Water-Cart)

Neptune Meter Co. ("Trident-Crest"), 50 E 42d. New York

Meters (Water Flow)

See Recorders, Water Flow

9742— Meters (Watthour)

Duncan Elec. Mfg. Co. ("Duncan"), Lafayette, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Roller-Smith Co. ("Columbia"), 233 B'way, New York
Sangamon Electric Co. (Integrating, Direct & Alternating Current, also Ampere Hour Meters), Springfield, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., (Prepayment Recording), E Pittsburgh, Pa.

9742a— Methyl Salicylate

Dow Chemical Co., Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Heyden Chemical Works, 135 William, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
National Aniline & Chemical Wks., 21 Burling Slip, New York

9742a-1—Mythl Ethyl Ketones

Du Pont E. I. de Nemours & Co. Inc. (Special Products, Sec.), Wilmington, Del. *See adv index at end of book*

9742b— Methyl Violet

American Aniline Products, Inc., 80 5th av, New York
Aniline Dyes & Chemicals, Inc., Cedar & Washington, New York
Dicks David Co., Inc., Varick & No Moore, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

9742c— Methylene Blue

Aniline Dyes & Chemicals, Inc., Cedar & Washington, New York
Collinsville Chemical Co., Collinsville, Ill.
Dicks David Co., Inc., Varick & No Moore, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Holland Aniline Co., Holland, Mich.
Marden, Orth & Hastings Co., 136 Liberty, New York
Metz H. A. & Co. Inc., 122 Hudson, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
National Gum & Mica Co., 59th & 11th av, New York
Penchot A. (Importer), 120 W 31st, New York
Reliance Aniline & Chemical Co., 299 B'way, New York
Schapper Chemical Co. (Commercial Medicinal, etc), 192 N Clark, Chicago, Ill.

9743— Metric Packing

Metric Packing Co., Buffalo, N. Y.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

9744— Metronomes

Thomas Seth Clock Co., Thomaston, Conn.

9744a— *Mica

CHICAGO MICA CO., Valparaiso, Ind. *See adv index at end of book*

9745—Mica (Ground & Pulp)

See also Mica, Manufactured

American Mica Co., 52 B'way, New York
American Mica Products Co., 32 N Dearborn, Chicago, Ill.
Asheville Mica Co., Asheville, N. C.
Black Edw., Newdale, N. C.
CHICAGO MICA CO. (Ground, For Annealing & Lubricating Purposes), Valparaiso, Ind. *See adv index at end of book*
Dielectric Mfg. Co. (Compressed Sheet Mica), 224 Vanderbilt av, St. Louis, Mo.
English Mica Co., Insurance bldg, Williamsport, Pa.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Granite State Mica Co., 294 Wash., Boston, Mass.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Macallen Co. (Compressed) (Macallen & Foundry), 16 Macallen, Boston, Mass.
McMeekan D. Mfg. Co. (Ground Mica & Mica Pulp), 1070 Pacific, Brooklyn, N. Y.
Mica Products Co., 32 No Dearborn, Chicago, Ill.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
National Gum & Mica Co., 59th & 11th av, New York
New England Mica Co., Waltham, Mass.
New York Mica & Mfg. Co., 38 Market, Auburn, N. Y.
Preston Co., Robt. K., 53 W Jackson, Chicago, Ill.
Richmond Mica Co., Richmond, Va.
Southern Coupon Co., Birmingham, Ala.
Storrs Mica Co., Owego, N. Y.
Tar Steel Mica Co., Plumtree, N. C.
U. S. Mica Mfg. Co., 1521 Circle av, Forest Park, Ill.
United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.
Vance D. T. (Ground), Plumtree, N. C.
Whittaker Clark & Daniels Inc. (Jobbers), 250 Front, New York

Mica Insulators

See Insulators

9746— Mica (Manufactured)

See also Mica, Ground & Pulp

American Mica Co. (Stove & Electrical), Newton Lower Falls, Mass.
American Mica Products Co., 32 N Dearborn, Chicago, Ill.
American Trading Co., 25 Broad, New York
New York Mica Products Co., 68 Murray, York
Asheville Mica Co. (Products), Asheville, N. C.
Binswanger H. P. (Sheet), 7 W 16th, New York
Burleson J. E. Mica Co., Spruce Pine, N. C.
Carolina Mineral Co. (Raw, Stove & Cut & Punched Mica), Penland, N. C.
CHICAGO MICA CO. (Moulding & Commutator Segment "V" Rings, Tubes, Trough, & Special Moulded Pieces, Mica Flexible, Cloth, also Paper), Valparaiso, Ind. *See adv index at end of book*
Cronkhite Co., Inc. ("Cronkhite" Electrical Insulation), 185 Devonshire, Boston, Mass.

Fleig L. L. & Co., 212 W Austin av, Chicago, Ill. *See adv index at end of book*
Meirowsky Bros. ("Micadamite"), Tempered Mica), Jersey City, N. J.
Mica Insulator Co. ("Micanite"), 68 Church, New York
Mica Mfg. Co. (India, Amber & Domestic), 135 Johnson, Bklyn, N. Y.
Mica Mines Corp., 271 B'way, New York
Mikesell Bros. Co. (Washers, Plates, Sheets, Stove, etc), 156 N La Salle, Chicago, Ill.
See adv index at end of book
Munsell Eugene & Co., 68 Church, New York
North Carolina Mica Co., 80 North, Boston, Mass.
Producers Mica Co., 225 E 22d, Chicago, Ill.
Products Mica Co., 32 No Dearborn, Chicago, Ill.
Richmond Mica Co., Richmond, Va.
Schoonmaker A. O. (Importer, India & Amber), 88 Park pl, New York
U. S. Mica Mfg. Co. ("U. S." Annealing, Decorating, Concrete & Cement Facing), 1521 Circle av, Forest Park, Ill.
United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.
Warner C. T., 906 S Bishop, Chicago, Ill.
Watson Bros., 170 Purchase, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
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9747— Mica (Raw)

American Mica Products Co., 32 N Dearborn, Chicago, Ill.
Asheville Mica Co., Asheville, N. C.
Binswanger H. P. (Who. Dir. & Sheet), 7 W 16th, New York
Burleson J. E. Mica Co., Spruce Pine, N. C.
CHICAGO MICA CO. (Cut & Uncut Sheet), Valparaiso, Ind.
See adv index at end of book
Cronkhite Co., Inc., 142 Berkley, Boston, Mass.
Diamond Drill Carbon Co. (Rough, Brazilian), 59 Park Row, New York
Doggett Stanley (Dealers & Imp.), 11 Cliff, New York
Fillion S. O. (Cut & Uncut, Stove, Electrical), 68 Murray, New York
Meirowsky Bros., Jersey City, N. J.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Munsell Eugene & Co., 68 Church, New York
North Carolina Mica Co., 80 North, Boston, Mass.
Preston Robt. K. Co., 53 W Jackson, Chicago, Ill.
Products Mica Co., 32 No Dearborn, Chicago, Ill.
Richmond Mica Co., Richmond, Va.
Tar Heel Mica Co., Plumtree, N. C.
Vance D. T., Plumtree, N. C.
Watson Bros., 170 Purchase, Boston, Mass.

9748— *"Micarta"

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9749— Micrometers

See also Gauges, Micrometer

Brown & Sharpe Mfg. Co., Providence, R. I
Davis Mfg. Co., Milwaukee, Wis.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Reed Small Tool Works, Worcester, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Slocomb J. T. Co., 29 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE) (Outside, Inside & Metric), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

Microphones

See Audiphones

9750— Microscopes

Bausch & Lomb Optical Co., Rochester, N. Y.
Brawn-Knecht-Heimann Co. (& Accessories), 576-584 Mission, San Francisco, Cal.
Eimer & Amend ("B. & L."), 205 3d av, New York
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Heil Henry Chemical Co., St. Louis, Mo.
Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*
Leitz Ernest (Metallurgical & Biological, Imp.), 30 E 18th, New York
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Sargent E. H. & Co., 155 E Superior, Chicago, Ill.
Sauveur & Boylston ("Sauveur" Metallurgical), Cambridge, Mass.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Spencer Lens Co., Buffalo, N. Y.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden Lane, New York
Thomas A. H. Co. (Dealers), W Washington sq., Phila., Pa.

9751-2-3— Microtomes

Bausch & Lomb Optical Co., Rochester, N. Y.
Eimer & Amend, 205 3d av, New York
Leitz Ernest (Imp.), 30 E 18th, New York
Petersen Anker ("Petersen"), 330 Atlantic av, Boston, Mass.
Spencer Lens Co., Buffalo, N. Y.

9754— Mill Boards

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Bond Foundry & Machine Co., Manheim, Pa.
Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.

9754a— Mill Boards Mfrs.

Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book

Mill Stones

See Millstones

9755—Mill & Factory Supplies

Firms indicated by a Star (*) Manufacture Belting also
For Manufacturers of Mill & Factory Supplies, Consult Index of Contents for Specific Article Required

ALABAMA.

ANDALUSIA—Benson Hardware Co.
ANNISTON—Anniston Hardware Co.
BESSEMER—Long-Lewis Hardware Co.
BIRMINGHAM—Joubert & Goslin Machine & Foundry Co.
McClary-Jemison Machinery Co.
Moore Handley Hardware Co.
Yates J. A. Machine Co.
Young & Vann Supply Co. (Also Mine)
BREWTON—Luttrell Hardware Co.
BRIDGEPORT—De Loach Mill Mfg. Co.
DOTHAM—Dotham Foundry & Machine Co.
GREENVILLE—Johnson Hardware & Implement Co.
MOBILE—Brown & Creary Supply Co., 8H St. Francis
Cunningham Hardware Co.
McGowin Lyons Hardware & Supply Co.
Reliance Equipment Co.
Standard Equipment Co.
Turner Supply Co. (also Railway)
MONTGOMERY—Alabama Machinery & Supply Co.
Barnett G. W., Hardware Co.
Janney & Co.
Lum Machinery & Supply Co.
Tullis-Gamble Hardware Co.
OPELIKA—Phillips-Yarbrough Hdwre. Co.
SELMA—Bloch Bros.
Tissier Hardware Co.
Union Iron Works Co.
TALLADEGA—Michael Supply & Roofing Co.
TUSCALOOSA—Allen & Jemison Co.

ARIZONA.

NOGALES—Roy & Titcomb (Also Mine)
Mulrein J. H. Plumbing Supply Co.
Pratt-Gilbert Co.
PHOENIX—Arizona Iron Works
Mulrein J. H. Plumbing Supply Co.
Pratt-Gilbert Co.
Talbot & Hubbard, Inc.
Thayer Ezra W. (Also Mine)
PRESCOTT—Arizona Mine Supply Co.
Hill Samuel Hardware Co.-(Also Mine)
TUCSON—Steinfeld Albert & Co. (Mine)

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co.
Ketcham Iron Co.
Meister Bros. Bracht Co.
Speer Hardware Co.
HELENA—Crum Lewis Co.
Lewis Mill Supply Co., Dept. H.
Tappan Hardware Co.
HOPE—Hope Hardware Co.
HOT SPRINGS—Hot Springs Plumbing & Machine Co.
JONESBORO—Jeter Hardware Co.
LITTLE ROCK—Central Supply Co.
Cox Thomas & Sons Machinery Co.
Fones Bros. Hardware Co.
Hollis & Co.
Kidd-Bossinger Hardware Co.
Rosenbaum C. E. Machinery Co.
Schaad Ben D. Machinery Co.
NEWPORT—Newport Foundry & Machine Co.
PINE BLUFF—Arkansas Mill Supply Co.
Fox Bros. Hardware Co.
Pine Bluff Iron Works

CALIFORNIA.

BAKERSFIELD—California Nat'l Supply Co.
Fairbanks, Morse & Co.
Herron R. H. Co.
Pioneer Mercantile Co.

Frick and Lindsay Company

Supplies for Manufacturers, Mines, Contractors and Oil and Gas Wells

Pittsburgh Branch

John A. Roebling's Sons Co.

Wire and Wire Rope

PITTSBURGH, PA.

Sandusky and Robinson Sts., N. S.

MILL & FACTORY SUPPLIES—continued
FRESNO—Barrett-Hicks Co., Valley Foundry & Machine Works
COALINGA—Bowen S. R. Co. (& Oil Wells)
California National Supply Co.
Lucey Mfg. Corp. (Oil Wells Supplies)
FRESNO—Inland Iron Co.
Valley Fdry. & Mch. Co.
GRASS VALLEY—Alpha Hdw. & Supply Co
Grass Valley Hardware Co. (Also Mine)
LOS ANGELES—American Well & Prospecting Co., 407 E 3rd
Angelus Rubber Co. (Belting, Jobbers & Mechanical Rubber Goods), 119 E 3rd
Berger & Carter Co.
Busch A. H. Co., 150 N Los Angeles
California Hardware Co., 500 E 1st
California National Supply Co. (Mine), 149 N Los Angeles
Crane Co., 321 E 3rd
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Ducommun Hardware Co. (Also Mine), 219 S Central av
Eby Machinery Co., 438 E 3rd
Eccles & Smith Co., 243 S Los Angeles
Fairbanks, Morse & Co., 427 E 3rd
Harper & Reynolds Co., 152 N Main
Harron Rickard & McCone, 225 S. San Pedro
Herron R. H. Co. (Belting Jobbers), 934 N Almeda
Leland Bros. Co., 304 E 3rd
Llewellyn Iron Works, 1100 N Main
Los Angeles Heavy Hardware Co., 218 N Los Angeles
*Los Angeles Rubber Co. (Mechanical Rubber Goods), 214 E 3rd
McFie W. T. Supply Co., 213 N Los Angeles
Meese & Gollfried Co., 400 E 3rd
Pacific Mill & Mine Supply Co. (Also Mine), 310 E 3rd
Pacific Pipe & Supply Co., 1002 Santa Fe
Republic Supply Co., 1725H 7th
Smith-Booth-Usher Co. (Also Mine), 228 S Central av
Smith E. M. Co., 618 Clarence
U. S. Rubber Co. of Cal., 923 S Los Angeles
Union Hardware & Metal Co., 411 E 1st
Warren & Bailey Co. (Belting, etc.), 214 E 3rd
Whiteing Mead Commercial Co., 415 E 9th
Wigmore John & Sons Co., N E Cor 4th & San Pedro
MARICOPA—Herron R. H. Co.
NEVADA CITY—Alpha Hdwe & Supply Co
Miners' Fdry. & Supply Co.
Nevada City Hardware Co.
OAKLAND—American Machine Works, 518 4th
Crane Co.
United Iron Works
Western Heavy Hardware & Iron Co.
REDDING—McCormick-Saeltzer Co.
SACRAMENTO—Crane Co.
Schaw-Batcher Co.
Hazard-Gould Co.
SAN DIEGO—Machinery Supply Co.
Mayer Sidney E. Co.
Western Metal Supply Co.
SAN FRANCISCO—Atkins E. C. & Co., 257 Mission
Baker, Hamilton & Pacific Co., 7th & Townsend
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), 365 Market
Bunting Iron Wks., H 1st National Bank bldg.
*California Belting Co., 1459 Mission
California National Supply Co., Balboa bldg
California Card Mfg. Co., Poerero av & Mariposa
California Saw Works, 721 Brannan
Carroll W. A. Co., 67 Main
Coast Supply Co., 24 California
*Cook H. N. Belting Co., 401 N Howard
Continental Steel & Supply Co., 529 Howard
Crandley Rubber & Supply Co., 315 Market
Crane Co. (of Chicago), Est. 1855, 2nd & Brannon
*Degen L. P. Belting Co., 258 Mission
*Dick R. & J. Co., Inc., 557 Mission
Dominion Asbestos & Rubber Corp., 320 Market
See adv index at end of book
Dunham, Carrigan & Hayden Co. (Also Mine), Kansas & Division
Eby Mchy. Co., 35 Main
Eccles & Smith Co., 77 1st
Faget Engineering Co., 541 Howard
Fairbanks, Morse & Co., 651 Mission
Foard-Barstow Ship Chandlery Co., 25 Drumm
Garlock Packing Co., 670 Howard
General Machinery & Supply Co., 39 Stevenson
Graton & Knight Mfg. Co., 247 Mission
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works, 75 Fremont
Horsford Bros. Co., 235 Mission
Hunting Iron Works, 1st National Bank bldg.
Lyon H. F., 24 California
Mangrum & Otter, Inc., 561 Mission
Marshall-Newell Supply, Spear & Mission
Martin J. C. & Co., Balboa bldg
Marwedel C. W., 76 1st
Pacific Mill & Mine Supply Co. (Also Mine), 616 Mission
Pacific Pump & Supply Co., 853 Folsom
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), Fremont & Mission
Pickthall Supply Co., 321 Fremont
Plant Rubber & Supply Co., 32 Beale
Republic Well Supply Co., 1st National Bank bldg
San Francisco Engineering Co., 322 6th
San Francisco Mill Furnishing Co., 521 7th
Scovel Iron Store Co., 754 Howard
Simonds Mchy. Co., 117 New Montgomery
Simonds Mfg. Co., 12 Natoma
Sloss & Brittain (Also Mine), 99H Beale
Stallman F. O. Supply Co., 129 1st
Taber-Bigelow Co., 504 Mission
Tay Geo. H. Co., 599 Mission
U. S. Rubber Co. of Cal., 50 Fremont
Wagner Jos. Mfg. Co., 165 Beale
Western Equipment Co., 72 Fremont
Western Machinery Exchange, 201 Folsom
Wilson J. R., Inc., 133 Stewart
Woodin & Little, 33 Fremont
Wordin W. H. Co. (Also Mine), 126 Pine
Young A. L. Machinery Co., 28 Fremont
SAN JOSE—San Jose Hardware Co.
SANTA MARIA—Fairbanks Morse & Co.
SAN PEDRO—Marine Hardware Co.
STOCKTON—Austin Bros.
Holt Mfg. Co.
TAFT—California Nat'l Supply Co.
Fairbanks Morse & Co.
Heron R. H. Co.
Lucey Mfg. Corp.
Republic Well Supply Co.
Woods & Hausen

COLORADO.

BLACK HAWK—Clark Hardware Co. (Also Mine)
Stroehle Mchy. & Supply Co.
BOULDER—McAllister Lumber & Supply Co.
Wilson Hardware Co.
CENTRAL CITY—Jenkins-McKay Hdwe Co.
CRIPPLE CREEK—Cripple Creek Mine & Supply Co. (Also Mine)
DENVER—Advance Mach'y & Supply Co.
Card C. S. Iron Works Co.
Colorado Rubber Co.
Denver Engineering Works
Dillon Box Iron Works Co.
Dillon Hardware Co.
Fairbanks Morse & Co.
Foss M. L.
Garlock Packing Co.
Hamburger Geo. Tool & Supply Co.
Hendrie & Bolthoff Mfg. & Supply Co. (Also Mine)
McFarlane Mfg. Co.
Mine & Smelter Supply Co. (Also Mine)
Morse Bros., Machinery & Supply Co.
Mountain States Rubber Co.
National Rubber Supply Co.
O'Fallon M. J. Supply Co.
Stearns-Roger Mfg. Co.
Wensley Metal Products Co.
William A. Box Iron Works Co., 3309 Blake
GRAND JUNCTION—Biggs Kurtz Hardware Co. (Mine)
OURAY—Ouray Hardware & Supply Co.
FLORENCE—Oil Well Supply Co.
PUEBLO—Nelson N. O. Mfg. Co.
TRINIDAD—Branson & Griswold Hardware Co.
Crancer Hdwe. Co.
TELLURIDE—Tomkins-Cristy Hardware Co.

CONNECTICUT.

BRIDGEPORT—Alling Rubber Co.
American Hardware Stores Inc., Fairfield av & Middle
Burroughs Baldwin Co., Inc., 383 Fairfield av
Chapman & Bangs Co.
Crane Co.
Gledhill & Co.
Hawley Hardware Co.
Hunter & Havens
*Palmer N. & Co.
Richardson J. H.
BRISTOL—Weldon S. A. & Son
DANBURY—Danbury Hardware Co.
Hull F. A. & Son
DANIELSON—General Supply Co.
Jacobs E. H. Mfg. Co. (Textile)
DERBY—Hallock F. Co.
HARTFORD—Alling Rubber Co.
Bidwell J. C. & Co.
Blodgett & Clapp Co., 1417 Main
Clapp & Treat, 68 State
Cone J. H. & W. E.
Eastern Plumbing Supply Co.
Ensworth L. L. & Son, 344 Front
Fairbanks Co.
Hartford Contractors' Supply Co.
Hartford Mill Supply Co.
Page Ralph E.
Plimpton & Hills Corporation
Purcell Cox Corp.
Purinton & Smith
Stacy Supply Co.
Trant Thomas & Bros.
Tracy Robinson & Williams Co.
MERIDEN—Church & Morse
MIDDLETOWN—Noxon & Whitney Co.
NEW BRITAIN—Abbe Hardware Co.
Mills Herbert L.
Packliffe Bros. Co., Inc.
Rapelye George
NEW HAVEN—Bushnell N. T. Co,
Coe & Brown
Foskett & Bishop Co.
Guest & Co.
Griswold Geo. Machine Co., Dept. H.
Mersick C. S. & Co.
Spencer F. E. Co.
NEW LONDON—Darrow & Comstock Co.
Eaton & Wilson Co.
Williams G M. Co.
NORTH WINDHAM—Harston L. M. Co.
NORWALK—Hubbell & Staples Hdwe. Co.
McLellan Wm. L.
NORWICH—Carroll L. W. & Son
Eaton-Chase Co.
Norwich Belt Mfg. Co.
Norwich Plumbing Supply House
Preston Bros.
PUTNAM—Chandler & Morse
Putnam Hdwe. & Mill Supply Co.
SEYMOUR—Church Stephen B.
SHELTON—Clark D. N.
SOUTH MANCHESTER — Blish F. T. Hdw. Co.
STAMFORD—Cohn Wm.
Plimpton Truck Co.
Southwick Geo. W. Co.
Taylor Lincoln
Wilson James & Co.
TORRINGTON—Morrison W. H.
WALLINGFORD — Dickerman Hdw. & Supply Co.
WATERBURY—Barlow Bros. Co.
Connecticut Oil Co.
Crane Co., 1221 1st N W
Daly M. J. & Sons
Hamilton Hardware Corp.
Hotchkiss Co.
Templeton Charles A., Inc.
WILLIMANTIC—Buck E. A. & Co., Dept. H.
Hurley Grant Co.
WINSTED—Carroll Jos. L.
Merwin & Brown Co.

DELAWARE.

WILMINGTON—Atlantic Mfg. Co.
Capelle Hardware Co.
Delaware Electric & Supply Co.
Delaware Hardware Co.
Hudson Supply Co., Front & Market
Kent Lindley C. Co.
Peoples Alfred D.
Speakman Supply & Pipe Co.
Wilson Hardware Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Kendall J. B. Co., 435 Missouri av
Latterner Arthur, 602 Pennsylvania av N W
National Electrical Supply Co., 1330 New York av, N W
Schafer E. G. & Co., 218 13th N W
Somerville Thos Co., 316 13th N W
Washington Rubber Co., 1000 F N W

FLORIDA.

APALACHICOLA—Grady J. E. & Co.
GAINESVILLE—Baird Hardware Co.
JACKSONVILLE—Cameron & Barkley Co.
Christopher J. G. Co.
Fairbanks Morse & Co.
Farquhar Machinery Co.
Florida Hardware Co.
Georgia Supply Co.
Hebb, H. W. Supply Co.
Hubbard S. B. Co.
Jacksonville Ship Chandlery Co., Dept. H.
Malsby Mchy. Co.
Savannah Supply Co.
KEY WEST—Peacon Richard & Co.
LAKELAND—Pinch Co.
MULBERRY—Mine & Mill Supply Co.
OCALA—Marion Hardware Co. (also Mine)
Ocala Iron Works
PENSACOLA—Avery A. M.
Gulf Machine Works
Ray W. A. Hardware Co.
ST. AUGUSTINE—Hamblen C. F.
TAMPA—Cameron & Barkley Co.
Coates Plumbing Supply Co.
Florida Auto & Gas Engine Co.
Knight & Wall Co.
Tampa Hardware Co.
Tampa Machinery Exchange

GEORGIA.

ALBANY—Albany Mill Supply Co.
AMERICUS—Harris J. W.
Sheffield Co.
ATLANTA—Alexander J. M. & Co.
American Machine & Mfg. Co.
Armstrong R. S. & Bros. (Used), 676H Marietta
Atkins E. C. & Co.
Avery & Co.
Bailey Burruss Mfg. Co.
Beck & Gregg Hdw. Co.
*Cotton States Belting & Supply Co. (Railway, Mill & Mach'y Supplies)
Crane Company

Crumley-Sharp Hardware Co.
Fairbanks Morse & Co.
Fulton Supply Co.
General Fire Extinguisher Co.
Graton & Knight Mfg. Co.
Lombard Iron Works & Supply Co.
Lowry Co.
Malsby Co.
Pasco Tool Co.
Pennsylvania Oil & Grease Co.
Phenix Supply Co.
Southern Belting Co. (Cotton Mill Only)
Southern Mchy. Co.
Tull J. M. Rubber & Supply Co., 152 Marietta
Walraven Co. The, 36-38 W Alabama
Whitman Supply Co., Dept. H.

AUGUSTA—Lombard Iron Works & Supply Co.
Tennent H. C. Supply Co.

BRUNSWICK—United Supply Co.
Wright & Gowan Co.

CATERSVILLE—Lumpkin Hardware Co.

COLUMBUS—Beach Wm. Hardware Co.
Bush C. P. Hardware Co.
Columbus Iron Works
Pekor Iron Wks.
See adv index at end of book
Philips Hardware Co.

CORDELE—Tomlin-Harris Mch. Co.
Watt & Holmes Hdwe. Co.

DALTON—Hardwick W. M.

FITZGERALD—Watt & Holmes Hardware Co.

FORT VALLEY—Eberhardt Mch. Works
Georgia Agr'l Works

GAINESVILLE—Gainesville Iron Works

GRIFFIN—Georgia Supply House

MACON—Corbin Supply Co. & Tools, 464-466H B'way
Schofield's J. S. Sons Co.
Taylor Iron Works & Supply Co.

ROME—Battey Machinery Co. (Also Mine)
Rome Machine & Fdry. Co.

SAVANNAH—Georgia Supply Co.
Kehoe Iron Works
McKenna Jas. H.
Marine Hardware & Supply Co.
Peeples Hardware Co.
Rourke Jno. & Sons
Savannah Supply Co. (Also Railroad)
Weed J. D. & Co.

TIFTON—Golden Hdwe. Co.
Tift H. H.

TOCCOA—Matheson W. A. & Co.

VALDOSTA—Briggs W. H. Hardware Co.

WAYCROSS—Harley P. N. Hardware Co.

IDAHO.

BOISE—Baxter Fdry. & Mch. Wks.
Idaho Hardware & Plumbing Co. (Ltd.) (Also Mine)
Northrup Hardware Co., Ltd.
Sweet-Teller Hardware Co.

LEWISTON—Means Mark A. Co.

POCATELLO—Salt Lake Hdwre. Co.

WALLACE—Coeur D'Alene Hdw. & Fdry Co. (Also Mine)

ILLINOIS.

AURORA—Divekey Bros. Mfg. Co.

BATAVIA—U. S. Wind Engine & Pump Co.

BELLEVILLE—Hucke Hardware Co.
Karr Supply Co.

BELVIDERE—Fellows Azro

BLOOMINGTON—Constant B. S. Mfg. Co.
Keiser-Van Leer Co.

BRIDGEPORT—Continental Supply Co.
Federal Supply Co.
Illinois Nat'l Supply Co.
Jarecki Mfg. Co.
Oil Well Supply Co.

BUSHNELL—Bushnell Pump Co.

CAIRO—McCarthy & Malinski
Reed Hardware & Mfg. Co.
Vulcan Iron Wks.
Woodward Hardware Co.

CASEY—Illinois Nat'l Supply Co.
Jarecki Mfg. Co.
Oil Well Supply Co.

CHICAGO—A. & J. Mfg. Co., 559 West Lake
A. O. K. Equipment Co., 549 W Washington blvd.
Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Adams Fred C. Co., 118 N La Salle
Adkins, Young & Allen Co., 561 Wash. bl
ADVANCE PACKING & SUPPLY CO., 54 E. Lake
*Allen W. D. Mfg. Co., 566 W Lake
Atkins E. C. & Co., 64 E So Water
Barrett-Christie Co., 37 S Clinton
Besley Chas. H. & Co., 120 N Clinton
Biddle Purchasing Co., 208 S La Salle
Boiler & Radiator Sales Co., 126 W Kinzie
Brand S. H. Co., 559 W Lake
Caldwell H. W. & Son Co., 17th & Western av
Carpenter Geo. B. & Co., 440 N Wells
Castle, A. M. & Co., 715 N Morgan
Channon H & Co., 339 W Randolph
Chicago Builders' Specialties Co., 11 S La Salle
Chicago Engineer Supply Co., 68 W Lake
Chicago House Wrecking Co., 35th & Iron
Chicago Millwright & Pulley Co., 1759 Ogden av
Chicago Pulley & Shafting Co., 40 S Clinton
*Chicago Rawhide Mfg. Co., 1301 Elston av
Chicago Rubber Co., 218 W Madison
Chicago Tube & Iron Co., 1469 S Jefferson
Clark J. H. Hdwe. Co., 137 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Collins Wm. P. & Co., 332 S Dearborn
Consolidated Railway & Mill Supply Co., 327 S La Salle
Cook & Chick Co., 18 E Kinzie
Cramer & Willing (Mine), 53 W Jackson Blvd
Crane Co., 836 S Michigan av.
See adv index at end of book
Crawford Co., 846 S Canal
Crown Rheostat & Supply Co., 17 S Desplanes
Crerar, Adams & Co., 259 E Erie
Curtis & Co. Mfg. Co., 215 N Desplaines
Dale-Brewster Mchy. Co., 21 Washington blvd
Davies Supply Co., 412 W Ontario
De Olloqui, V. V. Co., 29 S La Salle
Dodge Mfg. Co., 214 S Clinton
Ellis R. E. Engineering Co. (Tools), 621 Washington blvd
Engineers' Equipment Co., 4003 B'way
Enterprise Mchy. Co., 33 S Clinton
Essley E. L. Mchy. Co., 555 Washington blvd
Factory Supply Co. (Also Mine), 40 E Kenzie
Fairbanks Morse & Co., 900 S Wabash av
Fensholt & Fechner, 16 S Clinton
Garlock Packing Co., 326 W Madison
Gollner Phillip Co., W 33d & Archer av
*Graton & Knight Mfg. Co., 32 S Jefferson
Guilliott Metal Gasket & Supply Co., 24 S Clinton
Gump B. F. Co., 431 S Clinton
*Gutta-Percha & Rubber Mfg. Co., 301 W Randolph
*Hamilton Rubber Mfg. Co., 1229 S Michigan
Hammacher-Schlemmer & Co., 218 S Wabash av
Harris Bros. Co., 35th & Iron
Harris Samuel & Co., 114 N Clinton
*Henion & Hubbel, 219 N Jefferson
Hill Clark & Co., 625 Washington blvd
Hodge & Homer Co., 549 W Madison
Hyland R. H. Co. (& Railroad), 323 N Wells
Illinois Malleable Iron Co., 1801 Diversey Blvd
Iron & Steel Products Corp., 2337 S Michigan av
See adv index at end of book

IRON & STEEL PRODUCTS CORPORATION
Manufacturers, Machinists
Mill and Factory Supplies
Immediate Service
2337 S. Michigan Avenue, CHICAGO, ILL.

*Jewell Belting Co., 2837 S La Salle
Keckley O. C. Co., 318 Washington av.
Kraft A. C., 323 W Lake
Kraut & Dohnal, 325 S Clark
*Ladew Edw. (Est. of), 549 Washington blvd
Lavelle Rubber Co., 413 N Franklin
*Lynch Edw. & Co., 31 S Clinton
McMaster-Carr Supply Co., 174 N Market
Machinery Warehouse, 1405 W 37th
Machinists Supply Co., 19 N Jefferson
*Main Belting Co., 15 N Jefferson
Manning, Maxwell & Moore, 27 N Jefferson
Marshall & Huschart Mchy. Co., 17 S Jefferson
Miller-Newar Co., 3302 Ogden av
Moloney Belting Co. ("Dynamo"), 130 N Franklin
Moninger John C. Co., 900 Blackhawk
*Page Belting Co., 624 Wash'n blvd
Passman Bros., 30 S Green
Patterson & Schroeder Supply Co., 560 W Van Buren
Periolat Bros., 331 W Madison
Peterson Clifford Tool Co., 606 W Randolph
Power Equipment Co., 343 S Dearborn
Puster Belting & Pulley Co., 523 W Van Buren
Pyott Co., 1401 W North av
Reeves Pulley Co., 39 S Clinton
*Revere Rubber Co., 158 W Lake
Rollins Supply Co. (Also Mine & Railroad), 17 W Kinzie
Salisbury W. H. & Co., 308 N Madison av
Scott Valve Co., 310 W Randolph
Seehausen-Wehrs & Co., 173 N Franklin
Sprague Canning Machinery Co. (All Kinds for Canners, etc.), 222 N Wabash av
Standard Sanitary Mfg. Co., 14 N Peoria
Stebbins Hdwe. Co., 15 W Van Buren
Sterling Products Co., Inc., 35 S Desplaines
Stevens Chas. G. Co., 33 S Jefferson
Stocker-Rumeley-Wachs Co., 117 N Jefferson
Street R. R. & Co. (Textile), 26-28H N Clinton
Thompson C. M. Co., 3481 N Clark
Tierney D. J., 1620 W Lake
Union Asbestos & Rubber Co., 2834 Loomis
VERBEEK HARRY CO. (Mfrs. Agent), 208 N Wells
Wallbrum Kling & Co., 327 S Clark
Weiler Mfg. Co., 1856 N Kostner av
Western Packing & Supply Co., 231 N Wells
Western Pipe & Supply Co., 2052 Fullerton
Western Plumbing Supply Co., 3228 Filmore
Western Roofing & Supply Co., 3611 Loomis
Western Supply & Mfg. Co., 25 S Clinton
Whitaker Mfg. Co., 409 S Green
White A. D. Mchy Co., 108 N Jefferson
Williams I. B. & Sons, 14 N Franklin
Williamson R. & Co., 601 Washington blvd
Winne Howard B., 714 W Jackson blvd
Wolf, Fred W. Co., 800 N Clark
Woodcock Bros., 562 W Randolph
Young H. P. (Mine), 20 W Jackson blvd

CHICAGO HEIGHTS—Gordon Supply Co.

DANVILLE—Conron Thos. Hardware Co.
Holmes Robt. & Bros. (Also Mine)
See adv index at end of book
Inland Supply Co. (Also Mine)

DECATUR—Aultman & Taylor Machinery Co
Beall Improvements Co., Inc.
Field & Shorb Co.
Morehouse & Wells Co.
Threshers' & Millers' Supply Co.
Union Iron Works (Belting, etc.)

EAST ST. LOUIS—St. Louis Rail & Equipment Co., 3rd Nat'l Bank bldg

FREEPORT—Dorman & Co.

HARVEY—Elsener C. C.

JOLIET—Barrett Hardware Co.

KANKAKEE—Norris D. M. & Son

LAWRENCEVILLE—Illinois Nat'l Supply Co.
Jarecke Mfg. Co.
Oil Well Supply Co.

MOLINE—Barnard & Leas Mfg. Co.
Dunn Thos. & Sons

OTTAWA—Jordan R. C.
Refior David L.

PEKIN—Velde, Roelfs & Co.

PEORIA—Bittel Wm
Clark-Smith Hdwe. Co.
Couch & Heyle
Cummings & Emerson
Dooley Bros. (Jobbers, Mine), 1201 S Washington
Hagerty Bros. Co. (Mine)
Ideal Tank & Supply Co., Inc.
Kinsey & Mahler Co.
Meyer F. & Bro. Co.
Nallon Bros. Co.

PRINCETON—Priestley Hardware Co.

QUINCY—Best E. Plumbing, Heating & Supply Co.
Hollister-Whitney Co.
Illinois Mfg. & Supply Co.

ROBINSON—Bradford Supply Co.
Illinois Nat'l Supply Co.
Jarecki Mfg. Co.
Oil Well Supply Co.

ROCKFORD—America Heating & Supply Co.
Nat'l Lock Co.
Rockford Brass Works
Rockford Mitre Box Co., 252 Mill
Savage & Love Co.

ROCK ISLAND—Allen Myers & Co.
Channon & Dufva Co. (Factory & Steamboat)

SANDOVAL—Jarecki Mfg. Co.

SPRINGFIELD—Ansell Oscar & Co.
Hudson J. L. & Co.
Miller W. B. & Son

STREATOR—Williams Hardware Co., 113H Vermillion

INDIANA.

ANDERSON—Kaufman Hardware Co.
May Supply Co.

AUBURN—Auburn Hardware Co.
Culbertson Hardware Co.

BRAZIL—Industrial Supply Co. (Also Mine)

CARLISLE—Risinger Thos. S.

COLUMBUS—Schwartzkopf's J. G. Sons

CONNERSVILLE—Stant Geo. Machine Works

ELKHART—Borneman & Sons

EVANSVILLE—Evansville Leather & Belting Co.
Holtz F. Co.
Laib Co.
Orr Iron Co. (Also Mine)

FORT WAYNE—Fort Wayne Iron Store Co.
Fort Wayne Oil & Supply Co.
Moseman Yarnelle & Co.
National Mill Supply Co.
Pfeiffer Henry & Son Co.
Schlatter C. C. & Co.
Wayne Belting & Supply Co.

GARY—Calumet Supply Co.
People's Hdwe. Co.

GOSHEN—Hawks Hardware Co.

GREENSBURG—Corbett & Rohe
Watson W. A.

INDIANA—continued
INDIANAPOLIS—Atkins E. C. & Co.
Bock Equipts. Co., 1900 Northwestern av
Central Rubber & Supply Co., 120 S Meridian
HIDE, LEATHER & BELT MFG. CO., 227 S Meridian Indianapolis, Ind.
Holliday W. J. & Co., 326 W Georgia
Indianapolis Belting & Supply Co., 32 S Capitol av
Kenney Machinery Co., 124 S Capitol av
Nordyke & Marmon Co., Kentucky av & Morris
Taylor Belting Co., 247 S Meridian
Van Camp Hdw. & Iron Co., 401 N Maryland
Vonnegut Hdw. Co., 120 E Washington
KENDALLVILLE—Flint & Walling Mfg. Co.
KOKOMO—Kokomo Hardware Co.
Kokomo Supply Co.
LAFAYETTE—Biggs B. F. Pump Co.
Johnson Hardware Co.
Reule Fred'k
LA PORTE—Gangwer I. D. & Co.
LOGANSPORT—Ullery S. W. & Son
Baker Specialty & Supply Co.
MADISON—Johnson Fdry. & Mch. Shops
Madison Mch. Co.
MARION—Hogin, McKinney & Co.
Marion Hdw. Co.
Marion Machine, Foundry & Supply Co.
MICHIGAN CITY—Bartholomew & Co.
MISHAWAKA—Dodge Sales & Engineering Co.
MUNCIE—Keiser Geo. & Co.
Scott R. Hardware Co .
RICHMOND—Jones Hdw. Co.
SOUTH BEND—South Bend Supply Co.
TERRE HAUTE—Austin Hardware Co.
Crane Co.
Freitag, Weinhardt & Co.
Power Supply Co.
Smith's C. C. Sons Co.
Watson's D. W. Son & Co.
UNION CITY—Knapp Supply Co.
VINCENNES—Weed W. H.
WABASH—Rettig P. J. & Sons

IOWA.

BONAPARTE—Blackford W. S. & A. V.
BURLINGTON—Stewart & Hayden Co.
CEDAR RAPIDS—Cedar Rapids Pump Co.
Fawcett C. E.
Iowa Wind Mill & Pump Co.
Larimer E. K. Hdwe. Co.
Messner & Co.
Orr Bros. Supply Co.
CLINTON—Iowa Mch. Wks.
DAVENPORT—Crane Co.
Davenport Mch. & Fdry. Co.
Hanssen's Louis Sons
Red Jacket Mfg. Co.
Sickels & Preston Co.
Sieg Co. (Belting & Power Transmitting, etc)
DECORAH—Johnson Peter & Sons
DES MOINES—Baker Machinery Co.
Beckman Bros.
Crane Co.
Dempster Mfg. & Supply Co.
Globe Machy. & Supply Co.
Iowa Machy. & Supply Co.
McDonnell Boiler & Iron Works
DUBUQUE—Deckert W. D. Co.
Dubuque Rubber & Belting Co.
McDonald A. Y. Mfg. Co.
Marshall Wm. Co.
Voggenthaler, E. J.
FORT DODGE—Leighton Supply Co.
GREELEY—Hilsenbeck H. C.
IOWA CITY—Iowa City Iron Works
KEOKUK—Industrial Supply Co.
LE MARS—Pech Gustave Foundry & Mfg. Co.
MASON CITY—Hawkeye Supply Co.
NORTHWOOD—Tenold Hardware Co.
OSKALOOSA—Ideal Mfg. & Supply Co.
OTTUMWA—McDaniel C. E. Co.
SIOUX CITY—Crane Co.
Dymond-Simmons Hdwe. Co.
McGraw Co.
Novelty Mfg. Co.
Sioux City Iron Co.
WATERLOO—Cutler Hardware Co.
Waterloo Mfg. Co. (Belting, Packing, etc.)

KANSAS.

ATCHISON—Blish Mize & Silliman Hdwe. Co.
Thayer Supply Co.
CHANUTE—Bradford Supply Co.
Frick-Reid Supply Co.
EL DORADO—Atlas Supply Co.
Frick Reid Supply Co.
Jarecki Supply Co.
Nat'l Supply Co.
Oil Well Supply Co.
ENTERPRISE—Barnard Machinery Co.
Ehrsam J. B. & Sons Mfg. Co.
ESKRIDGE—Trusler Wm. Hardware Co.
FORT SCOTT—Penniman A. C. & Son Hardware Co.
HUTCHINSON—Graber Supply Co.
Nelson Mfg. & Supply Co.
INDEPENDENCE — Beeler & Campbell, Bovaird Supply Co.
JUNCTION CITY—Muenzenmayer J. J. & W. F.
LEAVENWORTH—Great Western Mfg. Co.
PITTSBURGH—General Mchy. & Supply Co.
TOPEKA—Bromich Jos.
Capital Iron Wks. Co.
Thompson W. A. L. Hardware Co.
Western Foundry & Machine Works
WICHITA—Crane Co.
Martin Metal Mfg. Co.
Massey Iron Co.
Morton-Simmons Hdwe. Co.
Western Iron & Foundry Co.
White Star Co.
Wichita Supply Co.

KENTUCKY.

ASHLAND—Ashland Fdry & Machine Works
Williamson Ben & Co.
BOWLING GREEN—Bowling Green Mch. Co.
FRANKLIN—Franklin Hdwe. Co.
HAZARD—Mahan Co.
HENDERSON—Blackwell P. A. & Co.
HOPKINSVILLE—Metcalf J J.
LEXINGTON—American Metallic Packing Co.
Lexington Engine & Boiler Wks.
Smith-Watkins Co.
LOUISVILLE—Belknap Hardware & Mfg. Co., 2d & Washington
Brandeis Mchy. & Supply Co., 331 W Main
Caldwell W. E. Co.
Cowan Andrew & Co., 421 W Main
Donigan Todd Iron Co.
Fairbanks Morse & Co.
Falls City Plumbing Supply Co.
Graft-Pelle Co., 111 N 3d
Hite W. W. & Co., 523 W Main
Kentucky Saw Works, 1004 W Main
Laib Co., 1401 S 18th
Morton E. D. & Co., 516 W Main
Neill-La Vielle Supply Co., 505 W Main
Pyne Co.
Semple W. & A. C., Inc., 309 W Main
Standard Sanitary Mfg. Co., Ahrens & Ott, Div.
Todd-Donigan Iron Co., 813 W Main
Vogel P. A. & Sons, 121 W Main
Waters-Garland Co. (also Textile), 419 W Main
Whayne Roy C. Supply Co.
MIDDLEBORO—Hoe & Sons J. R. (Coal Mine Only)
Kentucky Mine Supply Co.
OWENSBORO—Guenther Hardware Co.
PADUCAH—Hank Bros.
Jackson Foundry & Machine Co.
Paducah Iron Co.
Peter H. A. Supply Co.
PIKEVILLE—Call Bros. Hardware Co.
WHITESBURGH—Mahan Co.
WINCHESTER—Mahan Co.

LOUISIANA.

ALEXANDRIA—Brown, Roberts Hardware & Supply Co. (Ltd.)
BATON ROUGE—Doherty Hardware Co. Ltd.
Fuqua Hardware Co.
DONALDSONVILLE—Lemann B. & Bro.
HAMMOND—Hammond Hardware & Supply Co. (Ltd.)
LAFAYETTE—Lacoste Hardware Co., Ltd.
LAKE CHARLES—Murray-Brooks Hdwe. Co., Ltd.
MONROE—Southern Hardware Co. (Ltd.)
Weaks Supply Co.
NEW IBERIA—Dallas & Bertram
NEW ORLEANS—Atkins E. C. & Co., 239 Canal
Baldwin A. & Co., Ltd., Camp & Common
Beacon Mfg. & Supply Co.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas
Coe-Vogt Belting & Supply Co., 317 Magazine
Cudlipp Belting & Machinery Co., 317 Tchoupitoulas
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Dixie Mill Supply Co., 901 Tchoupitoulas
Everett Supply Co., Chartres
Fairbanks Co., 900 Camp
Fairbanks Morse & Co.
Globe Supply & Machinery Co., 627 S Peters
Hartwell C. C. Co., Ltd.
Joubert & Goslin Machine & Foundry Co., Howard & Euphrosine
Kittredge-Waters Supply Co., Ltd., 422 Common
Lockett A. M. & Co., Ltd., 533 Baronne
Menge Marine Hardware & Supply Co.,
Patterson C. T. Co. (Ltd.), 801 Tchoupitoulas
Plumbing & Mill Supplies Co., 840 Baronne
Reliance Machinery & Supply Co., 217 S Peters
*Revere Rubber Co., 700 Baronne
Rowan P. Co., Ltd., 920 Peridido
Simonds Mfg. Co. (Ltd.), 420 Canal
Southern Belting Co. of New Orleans, La., 602 S Peters
Standard Sanitary Mfg. Co., 846 Baronne
Standard Supply & Hdwe. Co., 828H Tchoupitoulas
Stauffer, Eshleman & Co., Ltd., 511 Canal
Van Horn Oliver H. Co., Inc., 518 Camp
Weil-Gutmann Supply Co., 636 S Peters
Whitney Supply Co., 418 S Peters
Woodward, Wight & Co., Ltd., Howard av & Constance
SHREVEPORT—Gulf States Belting & Hose Co.
Henderson W. K. Iron Works, & Supply Co.
Lee Hardware Co. (Ltd.)
Lucey Mfg. Corp. of Texas
Nat'l Supply Co.
Oil City Iron Works
Oil Well Supply Co.
Republic Supply Co.
THIBODAUX—Planters' Hardware & Mill Supply Co., Ltd.

MAINE.

AUBURN—Elms James
AUGUSTA—Brooks Hardware Co.
Fifield Bros. Co.
BANGOR—Bragg H. H. & Sons
Dunning R. B. & Co.
Schwartz's, M. Sons
Snow & Nealley Co.
Union Iron Works
BERWICK—Brackett Shaw & Lunt Co.
DEXTER—Fay & Scott
ELLSWORTH—Westcott H. F.
FORT FAIRFIELD—Cary L. K. Co.
GARDINER—Gardiner Hdwe. Co.
HOULTON—Watson John & Co.
LEWISTON—Carman-Thompson Co.
Hall & Knight Hdw. Co.
Smith John B. & Co.
Stetson J. H. Co.
Whitney Geo. A. Co.
MECHANIC FALLS—Penney J. W. & Sons Co.
PORTLAND—Adde & Co.
Blake W. L. & Co.
Corey E. & Co.
Edwards & Walker Co.
Emery-Waterhouse Co.
King & Dexter Co.
Portland Co.
Portland Rubber Co.
Smith & Abbott Co.
Talbot, Brooks & Ayre
ROCKLAND—Crie H. H. & Co.
WATERVILLE—Arnold W. B. & Co.
Claflin Machine Co.

MARYLAND.

BALTIMORE—Adt. Jno. B. Co., 340 N Holliday
Aumen Machinery Co., 109 E Lombard
Benson L. A., 8 E Lombard
Bolton Bros., 416 E Pratt
Carey Machinery & Supply Co., 119 E Lombard
Central Metal & Supply Co., 611 E Lombard
Clendenin Bros., S. W. cor. Central av & Fawn
Codd Tank & Specialty Co., 117 S Hanover
Coggins & Owens, 19 S Charles
Crane Co., 624 W Pratt
Crook-Horner Supply Co., 7 Balderson
Cuyler & Mohler, 611 William
Dominion Asbestos & Rubber Corp., 418 E Pratt
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Druid Oak Belting Co., 111 E. Lombard
Eastern Hardware & Supply Co., 39 S. Church
Fairbanks Co., Lombard & Light (See New York City)
Fairbanks Morse & Co., 115 E Lombard
Harvey Company, 118 South
Ives Mfg. Co., 203 Hanover
Jewel Supply & Equipment Co., 34 So. Calvert
Kessel Henry A. Co., 121 S Gay
Kries, Henry A. Sons Co., 8 W Lombard
McMeikan Robert & Son, 805 Light
Mallory Mchy. Corp., 522 Light
Matthaisz Bros., 1222 Hill
Meyer Henry H. Co., 110 S Howard
See adv index at end of book
Proctor Mchy Co., 314 S Eutaw
Schuchts D. B., 215 President
Spedden Supply Co. (Marine Also), Boston & Kenwood av.
Starr, B. F. & Co., Guilford av & Center
Stebbins Wallace & Sons, 100 S Charles
Struven Chas. M. & Co., 114 S Frederick
Taylor Supply Co., 937 Fell
Walker James Co., 123 Light
Wallace & Gale (Oils, Coverings, Compounds, etc), 115 S Gay
Zies Chas & Sons Co., 320 S Fremont av
CUMBERLAND—Humbird Supply Co. (Mine)
McKaig Merwin (Also Mine)
Wilson & Pugh (Also Mine)
FREDERICK—Gomber John
Ox Fibre Brush Co.
HAGERSTOWN—Foltz Mfg. & Supply Co. (Wholesale)
POCOMOKE CITY—Pocomoke Fdry. & Machine Works
SALISBURY—Dorman & Smyth Hardware Co.
Grier Robt D & Sons Co.
Gunby L. W. Co.
TEXAS—*Maryland Belting & Packing Co.

MASSACHUSETTS.

ADAMS—Greylock Mill Supply Co., Inc.
Weston L. A.

AMESBURY—Fowler F. S.
ANDOVER—Morse Walter I.
ATHOL—Paige C. F. & Co.
AYER—Proctor E. O. Co.
BOSTON—American Shuttle Co., Exchange bldg
Anderson Geo. P. & Co., 65 Oliver
Armstrong G. R., Mfrs. Supplies, Inc., 252 Franklin
Barnes Henry K. Co., 234 Devonshire
*Bay State Belting Co., 349 Congress
Beal, Joseph & Co., 465 Atlantic av
Bigelow & Dowse Co., 229 Franklin
Blackburn S. P. & Co., 62 Broad
Bond, Harold L., Co., 391 Atlantic av
Boston Belting Corp., 84 Linden Park
Boston Engineers' Supply Co., 159 Pearl
Boston Export Co., Inc., 113 State
Boston Light & Supply Co.
Brackett, Shaw & Lunt Co., 62 Wash. No.
Bradlee & Chatman Co., 54 Canal.
Braman, Dow Co., 239 Causeway
Brigham Arthur A., Old South bldg
Brock A. S. Rubber Co., 57 Broad
Brown Wales C. Co., 489-C
Buerkel & Co., 24 Union Park
Byers & Smith, 105 Haverhill
Campbell Robert B. Co., 6 Beacon
Chandler & Farquhar Co., 36 Federal
Chase, Parker & Co., 81 Pearl
Chesterton A. W. Co., 64 India
Church Stephen B., 64 Pearl
Crane Co., 48 W First
Cronkhite Co., Inc., 185 Devonshire
Crowther Thomas & Co., 170 Oliver
Curry Bros. Oil Co., 253 Franklin
CUTTER & WOOD SUPPLY CO., 274 Friend. *See adv index at end of book*
Davis S. H. Co., 68 Portland
Dodge, Haley Co., 218 High
Dow L. B., 79 Milk
Eagle Oil & Supply Co., 45 India
Edelstone Wm. W., 65 Beverly
English C. R. Co., 167 Oliver
Enterprise Rubber Co., 284 Summer
Evans Mill Supply Co., 212 Summer
Fabreeka Belting Co. ("Fabreeka" Special Process Fabric Belting), 30 India. *See adv index at end of book*



Fabreeka Belting
LOOKS LIKE LEATHER
Works Better than Leather
Won't Fray, Slip or Stretch
Has Greater Tensile Strength than Leather
FABREEKA BELTING CO.
30 India St., Boston, Mass.

Fairbanks Co., 32 Pearl
Fairbanks Morse & Co., 47 Oliver
Federal Metallic Packing Co., 48 Hanover
Federal Steam & Gas Supply Co., 195 High
Field Wm. H. Co., 35 Washington, N.
Fitts Frank E. Mfg. & Supply Co., 88 Purchase
Fitz Dona & Co., 110 North
Fitzgerald W. H. J. & Co., 165 High
Freeman H. C. Co., 141 Milk
Gallison Wm. H. Co., 399 Atlantic av
Garlock Packing Co., 88 Broad
General Machinery & Supply Co., 382 Atlantic av
See adv index at end of book
Gilchrist Geo. E. Co., 106 High
Globe Leather Belting Co., 519 Atlantic av
Globe Rubber Wks., Inc., 45 High
Graton & Knight Mfg. Co., 33 Lincoln
Hamblet & Hayes Co., 284 Devonshire
Harrington King & Co., 79 Commercial
Harris Alfred & Co. (Cotton & Wool Waste), 146 Summer
Hill Clark & Co., Inc 156 Oliver
Hinds & Coon, 126 Pearl
Hubbard W. B. & Sons Co., 176 Oliver
Hunt Henry C. Co., 135 Oliver
Ireson Chas. L., 221 High
Jager Chas. J. Co., 15 Custom House
Johnson-Washburn Co., 91 Haverhill
Kessel Henry A. Co., 33 India
Knowlton Geo. W. Rubber Co., 60 Pearl
Ladew E. Co., 36 South
Livermore H. F., Inc., Cummington
Lumsden & Van Stone Co., 1 Dorchester
Lundin Elec. & Mch. Co., 10 Thatcher
Lunt Moss Co., 43 S Market
Lynd-Farquhar Co., 419 Atlantic av
McCarty Chas J. & Co., 48 Pearl
McLean, John W. & Co., 31 Beverly
Machine Shop Equipment Corp., 170 Oliver
Machinery Equipment Co.
Manning, Maxwell & Moore, 10 High
Mathias-Hart Co., 516 Atlantic av
Merrill & Madden Co., 45 So. Market
Miller Joseph, 374 Atlantic av
Morse Andrew J. & Son Inc., 221 High
Morton A. M. & Co., 25 Washington
Murphy, Leavens & Co., 168 Commercial
Myerson Joseph, 411 Atlantic av
See adv index at end of book
Nightingale & Childs Co., 205 Congress
Niles-Bement-Pond Co. of Mass., 93 Oliver
*Page Belting Co., 60 Pearl
Patterson Lubricating Co., 114 Broad
Perrin Seamans & Co., 57 Oliver
Pratt R. W. & Son, 111 Haverhill
Proctor, S. Eugene Co., 158 State
Puritan Fibre Co., Inc. (Fibre Waste, etc), 84 Summer
R. I. Supply & Sprinkler Co., 261H Franklin
Rawles James D. Co., 74 Pearl
Reynolds Oil & Grease Co., 123 Oliver
Richards & Co. Inc., 192 Beverly
Richardson & Clements 20 Union
Shackley W. T. & Son Co., 49 High
Shawmut Co., 54 Canal
Sherburne & Co., 53 Oliver
Sherman G. N. B. & Son, Newton Hlds
Sherman G. B. & Co., 170 Summer
Simmons Hdwe. Co., 25 Pearl
Simplex Tool & Supply Co., 127 Oliver
Speed Jas. & Co. (Texile), 170 Summer
Speare's Alden Sons Co., 156 Sixth
Summer & Dunbar, 287 Congress
Taylor Machy. Co., 78 Batterymarch
Tenney Morse & Co., 143 Pearl
Tracy Lewis E. Co., 127 Broad
Underwood Mchy. Co., 177 High
U. S. Rubber Co., 284 Summer
Wacco Supply Co., 30 Marginal E. Boston
Waldo Bros. & Bond Co., 181 Congress
Walker & Pratt Mfg. Co., 31 Union
Walworth-English-Flett Co., 100 Pearl
Walworth Mfg. Co., 798 First
Watkins Engineering Supply Co., 137 High
Wilkinson A. J. & Co., 184 Washington
Winther Chas. A. G. Co., Inc., 85 High
Wood W. A. Co., 373 Atlantic av
BROCKTON—Bostock Thos. & Sons.
Corcoran Supply Co.
Kimball Bros & Sprague
Noyes C. A. Co.
CAMBRIDGE—Central Sq. Hdwe. Co.
*Olmsted-Flint Co.
CLINTON—Pratt E. O.
DALTON—Glennon C. F., Dept. H.
DETROIT—Anderson W. H. Tool & Supply Co.
EAST CAMBRIDGE—Edelstone, Wm. W., 25 Thorndike
Holt Shattuck Co., 29 Otis
EASTHAMPTON—Manchester & Forbes Co., Dept. H.
Ryan James P.
FALL RIVER—American Supply Co.
Anthony B. W. Co.
Borden, Jefferson & Son
Borden & Remington Co.
Chace Leonard S.
Congdon & Carpenter Co.
Covel & Osborn Co.
Davis N. Frank
Downey & Howland
Fall River Rubber Co.
Fall River Steam & Gas Pipe Co.
Fyans, Fraser & Blackway Co.
Johnson John F. Co.
Kilburne Lincoln Mch. Co.
Miller Nathan & Sons, Ltd.
Slack James N.
Sterling Ring Traveler Co.
Toohey M. J. & Co.
Union Belt Co.
Waterman Supply Co.
Wetherell O. B. & Son Co.
FITCHBURG—Fitchburg Hardware Co.
Jennison Co,
Parks Cramer Co.
Savage W. H.
FRANKLIN—Hosie Horace W.
Milliken L. W. & Son
GARDNER—Davis Hardware Co.
Gardner Hdwe. Co.
Royal Steam Heater Co.
GLOUCESTER—Andrews L. E. & Co.
Smith L. E. Co., Inc.
Stoddart A. P. & Co.
GREENFIELD—Allen's S. Sons
Stearns Joel M.
HAVERHILL—Busfield Machine Co.
Hanscom Hwde. Co.
HOLYOKE—Chase & Cooledge Co.
Holyoke Supply Co.
Holyoke Valve & Hydrant Co.
Jolly J. & W., Inc.
Keith Irving L.
Pearson W. A.
Russell J. & Co.
Wells Hardware Co., Inc.
LAWRENCE—Austin M. E. & Co.
Barlow John W. Co.
Beals S. M. Estate
Blandin Co.
Bride Grimes & Co.
Hall Paint & Hardware Co.
Lawrence Rubber Co.
Robinson-Toohey Co.
Smart George B. & Co.
Stanchfield H. J. & Co.
Treat Hdw. & Supply Co.
LEICESTER—Watson L. S. Mfg. Co.
LEOMINSTER—Gavin Hardware Co.
Leominster Hardware Co.
LOWELL—Adams Hardware & Paint Co.
Bartlett W. T. S.
Bartlett & Dow Co.
Cady George L. & Sons
Coburn C. B. Co.
Hobson & Lawler Co.
Hutchins Geo. E.
Knowles Scale & Supply Co.
Middlesex Machine Co.
Smith Ervin E. Co.
Thompson Hardware Co.
Turner J. S. Mfg. Co.
*Whiting Henry F.
Wright M. G. & Co.
LYNN—Harding J. W. & Co.
Howe Oliver B.
Trefethen F. L.
MANSFIELD—Fuller W. C. Co.
MATTAPOISETT—Dexter A. M. (Est. of)
MIDDLEBORO—Doane G. E.
MILFORD—Ellis, Clark & Sons
Staples & Gould
MILLBURY—Williams J. H. Co.
NEW BEDFORD — BABBITT STEAM SPECIALTY CO.
Briggs & Beckman
Dunham Crawford L.
Hillman F. G.
Knowles Wm. H. & Co.
Lowe S. C. Supply Co.
Manufacturers' Supply Co.
New Bedford Mill Supply Co.
New Bedford Rubber Co.
Rankin & Arnold
Slocum & Kilburn (and Electrical Supplies), 23 No. Water
Watson-Penfield Corp., West W. R.
NEWBURYPORT—Russell, Albert & Sons Co.
NORTH ADAMS—Burlingame & Darbys Co.
NORTH CHELMSFORD—*North Chelmsford Machine & Supply Co.
ORANGE—Chase Turbine Mfg. Co.
Orange Hardware Co.
PALMER—Buck E .A. & Co.
Faulkner R. E., Dept. H.
PEABODY—Hamblet & Hayes Co.
Whidden A. H. & Son
PITTSFIELD—Barris-Kenyon Co.
Berkshire Mill Supply Co.
Robbins Gamwell & Co.
QUINCY—Bradford Wm. A. Co., Chestnut
Deming Hdwe Co.
ROCKLAND—Hall & Torrey
SALEM—Goodell Zina
SOMERVILLE—Birch Bros. (Textile)
SOUTH ATTLEBORO—Hopkins Harold V.
SOUTHBRIDGE—Winter G. C.
SPRINGFIELD—Alling Rubber Co.
Beacon-Taplin Co.
Carlisle Hardware Co., 326 Main
Chapman & Brooks Co.
Crane Co.
Dexter & Bowles (Paper Makers')
Foot Homer & Co.
Foss W. J. Co.
Hannan Fintoon Co.
Hyland W. J. Mfg. Co.
Law J. Douglas Co.
Lewis Chas C. Co.
Millar, Chas & Son Co.
Morris T. J.
Oliver & Howland Co.
Russell Jno. W. & Sons Co.
Springfield Belting & Supply Co.
Springfield Contractors' Supply Co.
Stacy E. S. Machine Co.
United States Rubber Co.
Winn Wm. R.
Wyckoff & Lloyd Co., 19-27 Worthington
TAUNTON—Park W. R. & Son
Pierce Hardware Co.
TURNERS FALLS—Webster F. I.
WALPOLE—Rooney Jno. B.
WALTHAM—Taylor & Percival
WARE—Sibley J. B. & Son
WESTFIELD—Bryan Hardware Co.
Mill Specialties Co.
WEST ROXBURY—McLaughlin W. T. Co.
WORCESTER—Brierly-Lombard Co., 663 Main
Buck E. A. & Co.
Burlingame A. Co.
Central Supply Co.
Duncan & Goodell Co.
*Graton & Knight Mfg. Co.
Henderson P. J., 171 Foster
*Hudson Belting Co., 3 Eaton pl
Marble J. Russell & Co.
Mason Brush Works
Rider P. L.
*Warren Belting Co., Dept. H.
Washburn-Garfield Co.
Wickwire Spencer Steel Corp.
See adv index at end of book
Willard W. H. & Co.
Worcester Rubber Co.

MICHIGAN.

ADRIAN—Wilcox Hdwe Co.
ALPENA—Kline Lewis T.
BATTLE CREEK—Brockett L. B. & Son
BATTLE CREEK—Galloup Pipe & Supply Co., Dept. H.
BAY CITY—Alert Pipe & Supply Co. (Also Mine)
Jennison Hardware Co. (Also Vessels)
Meister R. & Son
Styninger J. A.
BIG RAPIDS—Binney Machine Co.
Judson C. P. & Co.
CADILLAC—Cadillac Plumbing & Heating Co.
Drury & Kelley Hardware Co.
CALUMET—Carlton Hdw. Co. (Also Mining)
Keckonen Hdwe. Co.
CHEBOYGAN—Blake H. A. & Son
Post J. J. Hdw. Co. (Ltd.)
DETROIT—Anderson-Kenneth Co. (Packing, etc), 33 Atwater
Baird W. J. Mchy. Co., 265 E Jefferson
Boyer-Campbell Co., Campbell bldg
Buhl Sons Co., 103-119 Woodbridge W
Central Distributing Co., 944H Harper av.
Conklin S. P. (Pipe Coverings, etc), 68 Jefferson av
Crane Co., Atwater & Randolph
Detroit Heating & Lighting Co.

MICHIGAN—Detroit—continued
Lieb & Wright
Detroit Mill Supply Co., 64 High
*Detroit Oak Belting Co., 3362H Wight
Edwards H. D. & Co., 16 Woodward av
English & Miller Mchy., Campbell bldg
Fairbanks Morse & Co., 467 W. Lafayette
Fales C. E. Mchy. Co., Kerr bldg
Fisher Tool & Supply Co., 112 Woodward
Gregg Hardware Co., 44 Cadillac sq.
Harvey's A. Sons Mfg. Co.
Kerr Machy. & Supply Co., 100 Beaubien
Kimball Eisenberg Co., 153 E Jefferson av.
Machy Sales & Electric Co., 5 E Fort
Ohio Rubber Co., 228 E. Jefferson
Palmer Bee Co., 2778 E Gd. Blvd
Penninsular Mchy Co., 279 E Jefferson
Rayl T. B. Co., 236H W Congress
Riverside Mchy Depot, 17 St. Aubin av
Roehim & Davison 93 Woodbridge av
Sales M. W. Co., 315H Jefferson av.
Schaefer Rubber Co., 15 E Grand River
Schmittdiel Benj. A. & Co., 9 E Jefferson
Standard Bros., Ltd., 155 Woodbridge av
Stickley E., B. Mchy Co., 217 E Cong.
Stone J. R. Tool & Supply Co., 997 Woodward
Taylor Supply Co., 164 Larned
Walker Mfg. & Supply Co., Shelby & Woodbridge
Wing J. T. & Co., 19 Woodward av
DOWAGIAC—Owen Hardware Co.
ESCANABA—Delta Hardware Co.
FLINT—Hubbard Geo. W. Hardware Co.
Sterner Edwin Co.
GRAND RAPIDS—Alden & Judson
Barclay, Ayers & Bertsch Co.
Braudy M. & Sons
Grand Rapids Salvage Co.
Hayden Supply Co.
Kellogg-Burlingame Co.
Leitelt Adolph Iron Works
McMullen Mchy. Co.
Raniville F. Co.
HANCOCK—Kerredge Wm.
HOUGHTON—Portage Lake Hdw. Co., (Ltd.) (Also Mine)
Swift I. E. Co. (Principally Mining)
IRON MOUNTAIN—Rundle A. J. (Also Mining)
IRONWOOD—Lesselyong Hardware Co. (Also Mine)
ISHPEMING—Eggan Fred. J.
JACKSON—Central Distributing Co.
Smith-Winchester Co.
KALAMAZOO—Bard Chas. G.
Bond Supply Co.
Edwards & Chamberlain Hardware Co.
Wheeler-Blaney Co.
LANSING—Michigan Supply Co.
Lake Shore Engine Works (Mine)
Van Dervoort Hdwe. Co.
MANISTEE—Vincent-Wolters Co.
MARINE CITY—Zimmerman Bros.
MARQUETTE—Lake Shore Engine Wks.
Manhard M. R. & Son
MENOMINEE—Northern Hardware & Supply Co.
MUSKEGON—Howden J. J. Co.
Towner Hardware Co.
PAW PAW—Waters H. C. & Co.
PONTIAC—Hazleton -Fitch Co.
PORT HURON—Peoples Hdwe Co.
Port Huron Engine & Thresher Co.
Beard Campbell & Co.
Boyce Hdwe. Co.
SAGINAW—Alert Pipe & Supply Co. (Also Mine)
Michigan Saw Co.
Morley Bros.
Saginaw Hardware Co.
Saginaw Mfg. Co. (Pulleys)
Sullivan Supply Co.
United States Graphite Co. (Mine)
ST. IGNACE—Kynoch Chas. & Co.
SAULT SAINTE MARIE—Soo Hardware Co.
SHELBY—Rankin A. J.
TECUMSEH—Satterthwaite Bros.
Whitenack D. L. & Co.
TRAVERSE CITY—Traverse City Iron Works
ZEELAND—DePree Wm. Co.

MINNESOTA.

DULUTH—Crane & Ardway Co.
Duluth Iron & Metal Co.
Kelley-How-Thomson Co.
Marshall-Wells Co. (Also Mine & Lumbermen's Supplies)
Northern Hardware Co.
MINNEAPOLIS—Atkins E. C. & Co., 122 Washington av N
Central Supply Co., 312 S Third
Clark Gea. A. & Son
Crane Co.
Engineering & Steam Supplies Co., 1029 S 3rd
Fairbanks Morse & Co.
Gilmore D. M. Co., 515 S 3rd
Harris Machinery Co., Washington & University, S E
Herschel-Roth Mfg. Co.
Howell R. R. & Co., 31st av
Janney, Semple, Hill & Co., 1st av S & 2nd
Kelly H. & Co., Plymouth Bldg
Link Belt Supply Co. (Mill & Grain Elevator), 410 S 3d
Manufacturers' Supply Co., 2407 University av S E
Marshall-Wells Co., Lake av, S
Northern Machinery Co., 503 S 6th
Northern Rubber & Supply Co.
*Nott W. S. Co., 2nd av N & 3rd
Plant Rubber Co., 322 1st av N
Power Equipment Co.
Sanford Chas. E. & Co. (Also Mine), 202 Wash'n av N
Satterlee F. E. Co., 120 Wash'n N
*Sikes S. R. Co., 1030 S 3rd
Simmons Hdwe. Co.
Strong-Scott Mfg. Co., 413 S 3rd
Warner Hdwe. Co., 13 S 6th
ST. PAUL—Cochran-Sargent Co., 182 E 6th
Crane & Ordway Co., 5th & Rosabel
Decker Adam Hdwe. Co., 347 Jackson
Fairbanks Morse & Co.
Farwell Ozmun, Kirk & Co., 2d & Jackson
*Goodyear Rubber Co., 375 Sibley
Hildred John W. & Co.
Raymer Hdwe Co., 58 E 5th
Robinson Cary & Sands Co., 4th & Wasonta
United States Rubber Co.
Western Supply Co., Park Square
Whitacre R. B. & Co.
WINONA—Cone R. D. Co.

MISSISSIPPI.

CLARKSDALE—Clark Walter
Clarksdale Machinery Supply Mfg. Co.
Shelton J. R. Hdwe. Co.
Sommerse Hardware Co.
COLUMBUS—Banks Hdwe Co.
Jacobs F. M.
CORINTH—Adams W. T. Machine Co.
Cornith Machine Co.
GREENVILLE—Geise-Mann Hdwe Co.
HATTIESBURGH—Komp Machinery Co.
JACKSON—McCleland Thos., Hardware Co.
MERIDAN—General Supply & Machinery Co.
Hyde Chas. J.
Williams Cliff Machine Co.
NATCHEZ—Baker & McDowell Hdw. Co.
Feltus Bros.
Schwartz & Stewart
TUPELO—Trice & Raymond Hdwe. Co.
VICKSBURG—Richardson-Lee & Co.
Robinson B. J.
Wright Bros. Hardware Co.
YAZOO CITY—Crane-Hamel Hdw. Co.

MISSOURI.

CARTHAGE—Joplin Supply Co.
JOPLIN—Halyard Hdwe. Co.
Joplin Mchy. & Renting Co.
Joplin Supply Co.
Landreth Mchy. Co.
McNeal Machinery Co.
United Iron Works Co. (Also Mine)
KANSAS CITY—Bonniwell-Calvin Iron Co.
Brunner H. J. Hardware & Machine Supply Co., 1205 W 10th
Bunting Hardware Co., 810 Walnut
Byrnes Belting Co., 1406 W 12th
Chandler Pump & Supply Co.
Crane Co.
Elifeldt Hdwe & Mcht's Supply Co., 1219 McGee
English Tool & Supply Co., 408 W 5th
Equipment Co. (R. R., etc.), 1531 Walnut
Faeth Iron Co., 1125 N. 8th
Fairbanks Morse & Co.
*Goodyear Rubber Co., 80 Baltimore av
Great Western Mfg. Co., 1221 Union av
Gustin-Bacon Mfg. Co., 1604 W Grand
Harbison Mfg. Co., 1219 W 10th
Kansas City Pump Co., 1314 W 10th
Richards & Conover Hardware Co., 5th c Wyandotte
Southern Plumbing Supply Co., 2030 Walnut
United Iron Works Co. (Mine)
United States Rubber Co.
U. S. Water & Steam Supply Co., 1315 W 12th
Williams H. R. Mill Supply Co., 103 Mass bldg
Young W. B. Supply Co., 208 Delaware av
MOBERLY—Faessler J. Mfg. Co.
POPULAR BLUFF—Holcomb, W. A.
ST. JOSEPH—Bristol Co.
Horigan Supply Co.
Howe W. B. Supply Co.
Jamieson Mch. Co.
ST. LOUIS—Barry-Wehmiller Machy. Co., 4660 Florissant
Blackman Machine Tool Co., 1513 W B'way
Brickman J. R. Mfg. Co.
Broderick & Bascom Rope Co. (Mine), 805 N Main
Brown-McDonald Machinery Co., 2323 N 9th
Byrnes Belting Co., 2109 Locust
Cahill Swift Mfg. Co., 1112 Market
*Capen Belting & Rubber Co., Main & Chestnut
Colcord-Wright Mchy. & Supply Co., 1223 to 1229 N B'way
Continental Supply Co., 1139 Olive
Cornelius Mill Furnishing Co., 1119 N 6th
Crane Co. (of Chicago), Est. 1855, 16th & Walnut
Crescent Oil & Supply Co., 303 N Levee
Crockwell Mine & Mill Supply Co., Federal Reserve Bank bldg
Day Rubber Co., 415 N 4th
Dodge Sales & Engineering Co., 408 N 4th
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Donovan Iron & Supply Co., 812 N Main
Essmueller Mill Furnishing Co., 1222 S 8th
Fairbanks Co., 624 Market
Fisher & Davis Mfg. Co., 934 N 1st
Fritz Geo J. Fdry. & Mch. Co., 2018 S 3rd
Geller, Ward & Hasner Hardware Co., 414 N 4th
*General Mfg. Co., 1804H Pine
Graton & Knight Mfg. Co., 711 N 8th
Hall & Brown Woodworking Machine Co., 1929-33 N B'way
See adv index at end of book
Handlan-Buck Mfg. Co., 210-14 N 2d
Hirsch Cal. & Sons Mercantile Co., 300 S Broadway
Jarecki Mfg. Co., Chemical bldg
Johnson Wm. C. Sons Mach. Co., 1001 N 6th
Leschen A. & Sons Rope Co. (Belting, Packing, etc), 920 N Main
Manning, Maxwell & Moore, R'way Exch. bldg
Materne John P. Mfg. Co., 18th & Gratiot
Matthews Geo. T. & Co., 20 S Main
Nelson N. O. Mfg. Co., 10th & Chestnut
Railroad Supply Co., LaSalle bldg
Ramming John Mch. Co., 300 S Main
Reeves & Skinner Mch. Co., 2211 Olive
Rubelmann Lucas Hdw. Co., 1929 N. B'way
St. Louis Belting & Supply Co., 509 So 4th
St. Louis Iron Store Co., 700 Cass av
St. Louis Machinists' Supply Co., 920 N. B'way
Schroeter Bros. Hdwe. Co., 810 Washington av
Shapleigh Hardware Co. (Also Miners'), 4th & Washington av
Simmons Hardware Co., 9th & Spruce
Sligo Iron Store Co., 6th & O'Fallon
Smith Geo. F., Franklin & Channing
Southern Railway Supply & Equipment Co., 17th & Ohio
Streett J. D. & Co. (Also Mine), 41st & Park
Teuscher & Son Machinery Supply Co., 527 N 2nd
Zelnicker Walter A., Supply Co., 325 Locust *See adv index at end of book*
SEDALIA— Barley Thomas K.
SPRINGFIELD—McGregor-Noe Hardware Co.
WEBB CITY—Franz Hdwe Co.
Joplin Supply Co. (Mine)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BILLINGS—Billings Hdwe. Co.
National Supply Co.
BOZEMAN—Power Implement Co.
BUTTE—Anaconda Copper Mining Co.
Butte Mchy. Co.
Montana Hardware Co.
Western Iron Works
GREAT FALLS—Crane & Ordway Co.
HELENA—Helena Hdwe Co.
Holter A. M. Hardware Co.
KALISPELL—Kalispell Mercantile Co.
MISSOULA—Missoula Mercantile Co.

NEBRASKA.

ALLIANCE—Newberry's Hdwe. Co.
BEATRICE—Dempster Mill Mfg. Co.
GRAND ISLAND—McAllister R. H. Co.
LINCOLN—Cornell-Searl Co.
Western Supply Co.
OMAHA—American Supply & Mchy Co.
Crane Co.
Day John Rubber & Supply Co.
Latshaw Belting & Supply Co.
McGraw Co.
Omaha Baum Iron Store Inc.
Omaha Sanitary Supply Co.
Sunderland Machinery & Supply Co.
U. S. Supply Co.
YORK—York Fdry. & Engine Works

NEVADA.

RENO—Bradley J. R. Co.
Nevada Mchy & Electric Co.

NEW HAMPSHIRE.

CLAREMONT—Rand, Ball & King Co.
CONCORD—Concord Pipe Co.
Page Belting Co.
Thompson & Hoague Co.
EXETER—Lane G. W. & C. A.
KEENE—Spencer Hardware Co.
LACONIA—Huse W. D. & Sons
Quinby A. T. & Son
LANCASTER—Morean J. J. & Son
Thompson Mfg. Co.
MANCHESTER—Cornish E. P.
Manchester Hardware Co.
Manchester Supply Co.
Varick Jno. B. Co.
MILFORD—French W. F.
Peirce W. E. & Co.
NASHUA—Grover File Co.
Hill Hdwe. & Paint Co.
NEWFIELD—Pollard C. A. Co.
PETERBORO—Walbridge & Taylor

PORTSMOUTH—Chadwick & Trefether
SOMERSWORTH—Brackett, Shaw & Lunt Co.
WHITFIELD—Stoughton Allen F.

NEW JERSEY.

ATLANTIC CITY—Allen E. Philip & Co
Currie Co.
BAYONNE—Bayonne Supply Co.
Meyer & Ruh Co.
DOVER—Berry S. H. Hdwe. Co.
ELIZABETH—Elizabeth Hardware Co.
GUTTENBURG—Herrmann F. W. Co.
HOBOKEN—Ross Francis J.
Standard Heating Co., 8th & Jefferson
JERSEY CITY—Gibbons Ernest A. Co., 27 Montgomery
Jersey City Supply Co., 12 Mercer
Perkins Arthur L. Co., 144 12th
Sands Jos. S., 491 W Side av
Warren Plbg. Supply Co., 261 Warren
MADISON—Force Chas. C. & Son
NEWARK—Abrasive Machine Co. (Wholesale Abrasive Materials), 22H Prospect
Banister & Pollard, 206 Market
Coe Jas. A. & Co., 106 Mulberry
Crabb Wm. & Co., 3d av, cor 4th
Crane & Milligan, 54 Mechanic
*De Forge L. M., 83 Hixon pl
Essex Supply Co., 54 Polk
Factory Supply & Hardware Co., 47 Mechanic
Foster Bros., 293 Market
Ironbound Hardware & Supply House, 228 Ferry
Johnson-Mandeville Co., 496 Broad
Jones & Auerbacher, 26 Mechanic
Ludlow & Squier, 97 Market
*Meier's Jos. Sons, 281 Market
Mutual Supply Co., 87 Penna av
Rising & Thorne, 475 Broad
Roe Wm. S., 15-31H River
Walker Chas W. Sons & Co., 288 Market
NEW BRUNSWICK—Beith & Reilly Co.
Strong Hardware Co.
Weigel Philip, Jr.
ORANGE—Lindsley Jno. H.
PASSAIC—Mills H. W. & Co.
New Jersey Engineering & Supply Co.
Passaic Plumbing Supply Co.
PATERSON—Ash Henry M.
Cleaver & Leather
Cleveland J. W. Hardware Co.
Cox Jas. T.
Cronin Jno. P.
Doremus John T. Co.
Frost Geo. T. & Sons
Gurney Wm. H.
Hall I. A. & Co. (Textile)
Hindley Edwin B. & Co.
Low F. Eliot & Co.
Mills H. W. & Co.
Myers Geo. A. & Co.
National Mill Supply Co.
Paterson Reed & Harness Co. (Textile)
Paterson Supply Co. (Textile)
Quackenbush & Son
Quinn Bros.
Rigby H.
Smith Abe
Ulrich Co.
Van Riper Mfg. Co. (Textile)
Van Winkle J. A. Co.
Walder Jacob (Textile)
PERTH AMBOY—Elizabeth Hardware Co.
McCormick W. H. & Son
Perth Amboy Hdwe. Co.
TRENTON—Ashton Jos. Jr., New York av & Spruce
Cramer & Allen, Dept. H, Broad & Centre
Katzenbach F. S. & Co.
Manufacturers Selling Co.
Piper Bros., 112 Brunswick av
Standard Supply & Equipment Co., 143 N Warren
WEEHAWKEN—Berger Edw. W. & Bro.

NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co. (Also Mine)

NEW YORK.

ALBANY—*Albany Belting & Supply Co.
Albany Hrwe. & Iron Co.
Fairbanks Co., 364 Broadway
Stoneman M. G. & Son
Wing Robert B. & Son, 385 B'way
AMSTERDAM—Gardiner E. W. (Textile)
Larrabee John E. Co. Inc.
AUBURN—Herron P. M. Hardware Co., 34 Genesee
Smith & Pearson
BATAVIA—Steel & Lorrance Co. Inc.
BATH—Gould & Nowlen
BINGHAMTON—Babcock, Hinds & Underwood
Gaylord & Eitapenc Co.
Millar, Chas. & Son Co.
Morse E. W. Co.
Runyon & Ogden
Shapley & Wells
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Baker Howard H. & Co.
Beals, McCarthy & Rogers, 44 Terrace
*Bickford & Francis Belting Co., 35 Pearl
Brown Wm. H. H. Co.
Buffalo Belting Works, 18 Ellicott
Buffalo Mill Supply Co., 210 Main
Buffalo Tool & Supply Co.
Buffalo Wholesale Hdw. Co., 317 Washington
Bushnell Clarence E.
Case W. A. & Sons Mfg. Co.
Connelly Bros.
Crane Co.
Enos & Sanderson, 147 Bushnell
Fairbanks Co., 108 Pearl
Frasse Peter A. Inc.
*Goodyear Tire & Rubber Co., 1013 Main
Hamill D. L. Co., 60 Delaware av
Hendee-Connor Co., 60 Pearl
Hoffeld R. & Co., 61 Carroll
Kemp Rubber Co., 246 Washington
Lenahan Frank & Son, 53 Fulton
Loegler & Ladd Inc.
McCutcheon C. H., 27 Washington
Mahoney Daniel & Sons, 17 Main
Mey Chain Belt Co.
Newman W. H. H. & Co., 70 Main
Osgood J. L.
Peerless Belting Co., Indian Church rd
Peerless Mill Supply Co., 90 Pearl
Root Neal & Co., 178 Main
Ruckel J. H. & Son, 81 Main
Schaefer Plbg. Supply Co., 146H Clinton
Taylor H. D. Co., 103 Oak
U. S. Rubber Co.
Walbridge & Co., 392 Main
Warren & Dellwardt Co., 109 Seneca
Weed & Co., 95 Swan
Whittet, Barrett & Curtis, 59 Main
Wright A. B. & Co., 230 Washington
Wright Harry S.
CANANDAIGUA—Peck Hdwe. Co.
CARTHAGE—Ryther & Pringle Co.
CATTARAUGUS—Oakes & Burger Co.
CLYDE—Wood S. W. Engine Co., Inc.
COHOES—Kavanaugh Geo. W.
Laughlin Edwin B.
Laughlin John
Sweet & Doyle
CORTLAND—Gallup Hardware Co.
McKee, J. L. Supply Co.
DUNKIRK—Armstrong & Fleischman
ELMIRA—Barker Rose & Clinton Co.
Booth Irving D. Inc.
Elmira Storage & Supply Co.
Emig & Barth, Dept. H.
Hogg-Lynn Co. Inc.
Horton Machine Works
Swift Lubricator Co.
FORT EDWARD—Newton & Hill
GENEVA—Dorchester & Rose
Emig & Barth, Dept. H
GLENS FALLS—Kalbfleisch Theo. F.
Robinson Supply Co.
GLOVERSVILLE—Batcheller E. S. & Co.
Sowle J. E.
GOUVERNEUR—Loveland M. E.
GREENE—Lyon Iron Works
HAVERSTRAW—Lane Chas. R.
Rose & Johnson
Straut W. H. Co.
HUDSON—Jones & Hardy
Parker Byron
ILION—Newth N. J. Hardware Co.
JAMESTOWN—Clark Hdw. Co.
Jamestown Hardware Co.
Lundquist C. A. & Co.
Underwood F. J.
JOHNSTOWN—McGuire & Tymeson Co.
KINGSTON—Canfield Supply Co.
Johnson J. T.
Winne L. S. & Co.
LITTLE FALLS—Burney Bros.
Taylor Jno. R. & Co.
LOCKPORT—Trevor Mfg. Co.
LONG ISLAND CITY—(See N. Y. City, Borough of Queens)
MALONE—Hinds Thomas Co.
MECHANICSVILLE—Mechanicsville Specialty Supply Mfg. Co.
MOUNT VERNON—Fell Adolph
NEWBURGH—Holland Hardware Co.
Lawson Hdwe. Co.
SMITH W. L.
NEW ROCHELLE—Dimock & Fink Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brown Jas. H., 139 3d av
Colesman Chas., 953 3d av
Crane Co., 247 Willowby
Jacobs Geo. P. & Co., 276 S 9th
Johnson J. D. Co., 43 Boerum pl
Kasper & Koetzle Hardware Co., Inc., 565 Bushwick
Kiley Thos. W. & Co., 57 Grand
McElraevy & Hauck Co., 440 B'way
Munkenbeck Bros. Inc., 88 Hamilton av
Scollay John A., Estate, 74 Myrtle av
Smyth-Donegan Co., 247 St. Marks av
Universal Hdwe. & Supply Co., 79 Greenpoint av
Wickes John C. Co., 189 Montague
Wilfert John Co., 490 Brunswick av

Boroughs of Manhattan and Bronx.

NEW YORK—Allied Machinery Co. of America, 51 Chambers
Atkins E. C. & Co., 50 Reade
Baker Carver & Morrell, 36 Water
Baldwin Frank & Son, 33 South
Bayne Co., 29 Sullivan
Behrer & Co., 81 Beekman
Behringer Edw. A., Inc., 98 Park pl
Beith & Reilly Co., 2475 3d av
Bernard-Greenwood Co., 20 Desbrosses
Bettes & Ebsen, 152 Chambers
Biddle Purchasing Co., 105 Chambers
Blackburn S. P. Co., 15 Coents Slip
Blue & Queripel Co., Inc., 2360 3d av
Bowman M. K. Edson Co., 64 Dey
Braunfels, Browning & Co., 1940 Park av
Burnet Co., 69 South
Callahan Geo. & Co., 218 Front
Campbell Supply Co., 570 Columbus av
Carter R. K. & Co., 66 Reade
Chase Charles F., 39 Cortlandt
Chatwin Alfred Supply Co. (Tools & Supplies), 401 Broome
Church St. Machinery & Eng. Corp. (Exporters), 30 Church
Colonial Rubber Specialties Co., 35 Murray
Consolidated Packing & Supply Co., 21 Barclay
Cooney-Dunn Co., 72 Grand
Cornell & Underhill, Greenwich & Spring
Crane Co., 490 Cherry
Crocker Nat'l Fire Prevention Engrg. Co., 22H W 30th
Croler Nat'l. Fire Prevention Engng. Co.
Curran Supply Co., 512 W 36th
Dale Mach. Co., Inc., 54 Lafayette
Davidson-Lewis Metal Products Co., Inc., 217 B'way
Dienst A. P. Co., 2604 3d av
Dill J. T. Co. (Pulleys, Hangers & Shafting), 90 Walker
Dimock & Fink Co., 220 E 125th
Dixon Wm., 39 John
Dodge Mfg. Co., 21 Murray
Dominion Asbestos & Rubber Co., 154 Nassau *See adv index at end of book*
Donegan & Swift, 6 Murray
Donovan R. J. Co. of N. Y., 217 Pearl
Du Bois F. N. & Co., 247 9th av
Dunham, Carrigan & Hayden Co., 137 Duane (Also Mine)
Durkee, Chas. D. & Co., 2 South
Eagle Pipe Supply Co., Inc., 233 B'way
Eberhart N. & Son Co., 401 E 76th
Eidel Bernhard H., 445 Canal
Endicott-Hammond Co., 50 West
Fairbanks Co., 416 Broome
Fairbanks, Morse & Co., 30 Church
Fitzgerald M. J. Co., 252 Lafayette
Flint & Chester, 237 Lafayette
Fox Bros. & Co., 126 Lafayette
Fox & Engel, 253 B'way
Frank Henry, Jr. (Wholesale), 374H Hudson
Franklin Hdwe. Co., Inc., 37 Howard
Frasse, Peter A. & Co. (Inc.), 417 Canal
Frevert Mchy. Co., 38 Vesey
Galban Noecker & Co. Inc., 82 Beaver
Galbraith C. C. Son, 117H West
Garrett W. D. & Co., 126 Liberty
Garvin Mch. Co., 147 Varick
General Machy. & Supply Co., 302 B'way.
General Supply & Equipment Corp, 459 Canal
Giannini G. W., 437 W 42d
Gibbons Jno. V., 133 Greenwich
Giberson E. D. & Co., 52 B'way
Gladium Co. Inc., 127 Duane
Glauber Sam S., 242 E 79th
GODFREY-KEELER CO., 70 Warren *See adv index at end of book*
Grant Robert, 233 B'way
Graton & Knight, 72 Warren
Graves Mchy. Exchange, 50 Church
Greason Mfg. Co., 108 W 99th
Greene, Tweed & Co., 109 Duane
Green G. S. Co. Inc., 74 Warren
Greenberg Louis, 43 Suffolk
Griffin Henry C. & Co., 143 Varick
Hall's Wm. A. Son, 111 Broad
Hamilton Co., 50 Church
Hammacher, Schlemmer & Co., 133 4th av
Hanner & Fredericks, 824 Amsterdam av
Hansen & Yorke Co., 88 Warren
Hardware & Supply Co., 215 Canal
Hayward S. F. & Co., 250 W 54th
Hegeman & Ward, 43 South
Hemphill A. J. Co., Inc., 161 Washington
Hoole Tool & Supply Co., 101 Lafayette
Hull Grippen & Co., 310 3d av
Hungerford U. T. Brass & Copper Co., 80 Lafayette
Hygrade Belting & Oil Co., 436 W B'way
Imperial Packing Corp., 191 Greenwich
Independent Supply Co., 36 South
Industrial Supply Co., 41 Broad
Irving Mfg. & Tool Co., 157 Chambers
Jones Packing Co., 50 Church
Kalb Adam, 162 Grand
Katzenstein Leopold & Co., 358 West
Keasbey Robt. A. Co., 445 West
Keating E. F. Co., 446 Water
Keating James A. Co., 105 Christopher
Kessel Henry A. Co., 38 Pearl
Knickerbocker Supply Co., 149 Church
Lemkin S., 172 Centre
Leonard & McCoy, 161 Wash'n
Lord & Burnham Co., 30 E 42d
Imperial Packing Corp., 191 Greenwich
McCabe J. J., 149 B'way
McCoy, Jos. F. Co., 157 Chambers
McCoy Henry J., 65 Dey
McIntosh Terrio & Co., 58 Pearl
McMann Supply Co., 319 Pearl
McMANN & TAYLOR CO. (Jobbers), 104 John. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John
MacGovern & Co., Inc., 114 Liberty
Macwatty D. & Co., 103 Chambers
Manhattan Mchy. Exchange, 30 Church
Manning, Maxwell & Moore, 119 W 40th
Marine Mfg. & Supply Co., 158 South

NEW YORK—New York—continued
Marine Metal & Supply Co., 100 Horatio
Maritime Hdw Co., 75 Barclay
Markt & Schaefer Co., 193 West
Marlen Hdwe. Co., 110 Fulton
Martens R. & Co. Inc., 6 Hanover
Marx S. C. Co., 76 Dey
Miller & McLean, 120 Liberty
Mine & Smelter Supply Co. (Mine), 42 B'way
Mitchell-Bissell Co., 251 4th av
Modern Machy. Exchange, 25 Church
Montgomery & Co., 105 Fulton
Mooney Douglas & Pearson, 193 Greenwich
Motley James M., 71 Beaver
Murray H. J., 85 Warren
Murray Jno. A. & Co., 310 W 39th
Nason Mfg. Co., 71 Fulton
National Hdwe. & Equipt. Co., 253H B'way
Neal B. B. Hardware Co., 117 Leonard
Neal & Brinker Co., 81 White
•New York Belting & Packing Co. 91 Chambers
New York Mchy. Exchange, 50 Church
New York Millwright Co., Inc. (Power Transmission Machy.), 86 Cortlandt
Niles-Bement-Pond Co., 111 B'way
Ogden J. Edward Co., 147 Cedar
Oliver Bros., Inc., 71 Murray
Olney & Warrin, 301 Lafayette
O'Neil M. Supply Co., 25 Cliff
Patterson Bros., 27 Park row
Patterson, Gottfried & Hunter, 211 Centre
Pearson J. H., 187H Greenwich
Peck W. E. & Co., 104 Pearl
Peerless Iron Pipe Exchange Inc., 396 B'way
Pendleton W. S., Jr., & Co., 164 Front
Pfaff George, 109 Lafayette
Phelps Bros. & Co., 101 Beekman
Pitts & Kitts Mfg. & Supply Co., 233 B'way
Pollock Alex. Co., 203 West
Richard Frank & Gardner Co., 47 South
Richards & Hirschfeld, Inc., 50 Church
Roberts Geo. I. & Bros., 471 4th av
Robertson Jas. L. & Son, 78 Murray
ROGERS H. A. CO., 87 Walker
See ad index at end of book
Rumsey Pump & Machine Co., 75 Warren
Saginaw Mfg. Co., 88 Warren
•Schieren Charles A. Co., 30 Ferry
*Schultz Belting Co. (of St. Louis, Mo.), 111 Chambers
Schwenker W. M. Inc., 340 E 92d
Secor A. W., 76 Fulton
Sel B. & Co., 59 Orchard
Sharlow Bros. & Co., 442 W 42d
Simmons Hdwe. Co., 17 Battery pl
Standard Scale & Supply Co., 145 Chambers
Starratt & Jones Co., 72 Greene
Stephens & Conrow Co., 98 Park pl
Stroh & Wilson, 420 W 42d
Strong Machinery & Supply Co., 292-294 Church
Terminal Mch. Co., 404 Broome
Thompson Richard & Co., 146H Liberty
Topping Bros., 122 Chambers
Tracy Bros., 185 Washington
Tracy Frank, 202 Centre
Tucker Tool & Mch. Co., 75 Murray
Tufts Walter B., 94 John
Urquhart's Jno. S. Son & Co., 131 Liberty
Valves Sales Co.
Van Vechten & Son, 18 Warren
Walls T. P. Tool & Supply Co. Inc., 75 Walker
Walworth Mfg. Co., 19 Cliff
Washington Hardware Co., Inc., 257 Greenwich
Weiss H. & Co., 83 John
Westerburg C. H. & Co., Inc., 9 West B'way
Williams Wm. E., 62 Front
Williams & Wells Co., 253 Fulton
See adv index at end of book
Wilson J. & R., 120 B'way
Wilson O. C. & K. R., 78 Dey
Wilson, W. S., Corp., 155 Chambers
Woodhouse Mfg. Co., 64 W B'way
Young Wm., 129 Av D

Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307 Jackson av
Long Island Hardware Co., 68 Jackson av
Petry Jno. W. Co., 87 Fifth

Borough of Richmond.

WEST NEW BRIGHTON—Staten Island Supply Co., 398 Bay

(End of New York City)

NIAGARA FALLS—Elderfield-Hartshorn Hardware Co.
Niagara Falls Hdwe & Supply Co.
NORTH TONAWANDA—American District Steam Co.
Cramer Hdwe. Co.
NORWICH—Ireland Machine & Foundry Co. (Mill Supplies Only)
OGDENSBURG—Hackett Patrick, Hardware Co.
Ogdensburg Machine Co.
OLEAN—Luther Mfg. Co.
ONEIDA—Ruby Geo. H. Hardware Co.
Smith, J. R.
ONEONTA—Gorham H. E.
OSWEGO—Crawford M. B. & Son
Dings Chas. W.
Oswego Tool Co.
Parson J. S.
PEEKSKILL—Naylor Bros.
Wessells W. F.
PLATTSBURG—Plattsburg Foundry & Machine Co.
POTSDAM—Leete Chas. H.
ROCHESTER—Alexander D. A. Co., 272 State
Barr & Creelman Co.
Chamberlain Rubber Co.
Cook Iron Store Co.
•Cross Bros. & Co.
Ernst Louis & Sons
Falls Frank H.
Forster John M. Co.
Howe & Bassett Co. Inc.
Haverstick & Co. (Also Mine & R. R.)
Roby, S. B. Co.
Strong Homer
U. S. Rubber Co.
Weed & Co., 13 Exchange
Wilson W. A. Mach. Co., 217 N Water
Wright & Alexander Co.
ROME—Jackson Charles H.
Townsend's Jno. Sons
Wardwell Hdw. Co.
SCHENECTADY—Witbeck, Clark Co.
SYRACUSE—Bates Edw. P. Co., Inc.
Betts Supply Co., 406 So Franklin
Burns Bros.
Burhans & Black (Inc.)
Case W. A. & Son Mfg. Co.
Clancy Hdwe. Co.
Crane Co.
Fairbanks Co.
Grants Alexander Sons
Joy Edw. Co.
McCarty Chas. C., 300 W Water
Smith H. A. Mchy. Co., 501 E Water
Strong Homer
•Syracuse Supply Co.
United States Rubber Co.
Wood C. H. Company
TROY—•Barnum Bros. Co.
Blanchard Fred K.
Cady A. J.
Horan Jas. J. & Co.
Interstate Machinery Co.
•Pine & Co.
Tolhurst Mch. Wks.
•Troy Belting & Supply Co.
Warren J. M. & Co.
UTICA—Bowman Geo. A.
Bates, Edward P. Co., Inc.
Dent Matthew F. Co., 7 Blandina
Despard, F. F.
Foster David S. Sons & Co.
Kavanaugh, Geo. W.
Lawton, W. M.
Millar Chas. & Son Co.
Munson Mill Machinery Co. (Grist Mill Supplies)
Roberts Hdwe. Co.
Smyth-Despard Co.
Utica Heater Co.
Utica Novelty & Mill Specialty Co.
WATERTOWN—Avery M. E. Co.
Bradley Thos. H.
Conde W. W. Hardware Co.
Hunting Co.
Kalbfleisch Supply Co.
Kamargo Supply Co.
Stebbins, Wm. C.
Weekes John & Son Co.
YONKERS—Barr A. B. & Co.
Ryan Joseph C.
Twine H. L.

NORTH CAROLINA.

ASHEVILLE—Asheville Supply & Fdry Co (And Mine), Asheville, N. C.
CHARLOTTE—Alexander & Garsed
Charlotte Supply Co.
Cramer Stuart W.
General Fire Extinguisher Co.
Liddell Co.
Mecklenburg Iron Works
Parks-Cramer Co.
Textile Mill Supply Co.
DURHAM—Durham Iron Works Co.
ELIZABETH CITY—Elizabeth City Iron Works & Supply Co.
Jones D. M. Co.
GOLDSBORO—Dewey Bros.
GREENSBORO—Clymer L. M.
Odell Hardware Co.
Odell Mill Supply Co.
HENDERSON—O'Neil M. J.
HERTFORD—Hertford Hdwe. & Supply Co.
HIGH POINT—Beeson Hdwe. Co.
LENOIR—Bernhardt-Seagle Co.
NEWBERN—Hyman Supply Co.
Newburn Iron Wks.
RAEFORD—Raeford Hdw. Co.
RALEIGH—Dillon Supply Co.
RALEIGH IRON WORKS CO.
WADESBORO—Blalock-Allen Hdwe. Co.
WASHINGTON—Harris Hdwe. Co.
McKeel-Richardson Hdw. Co.
WILMINGTON—Hyman Supply Co.
Standard Supply Co.
WINSTON-SALEM—Brown-Rogers Co.
Crawford Mill Supply Co.

NORTH DAKOTA.

FARGO—Crane & Ordway Co. (of Chicago), Est. 1855
Harrington Hubert
JAMESTOWN—Chenery & Co.

OHIO.

AKRON—•Akron Belting Co. (Belting Hose, etc)
Goodyear Tire & Rubber Co.
Hardware & Supply Co., 21-29 W Market
Manufacturers Rubber & Supply Co.
Mill & Mine Supply Co. (& Mine Supplies)
ALLIANCE—Allot Hardware Co.
ASHTABULA—Dudley W. E.
McKinnon Iron Works Co.
Mitchell Hdwe. Co.
Paine-Ford Co.
Smith Homer P.
Topky Bros.
BARBERTON—Miller, W. F.
BUCYRUS—Carroll Fdry & Mach. Co.
Fischer & Flohr
CAMBRIDGE—Branthoover & Johnston Co. (Also Mine)
CANTON—Canton Hardware Co.
Canton Supply Co.
Carpenter C. N. Supply Co.
Kennedy W. A. Hdwe. Co.
Lawler Rubber & Supply Co.
Scioto Valley Supply Co.
Yohe Wm. S. Supply Co.
CHILLICOTHE—Chillicothe Hdwe. Co.
CINCINNATI—•American Oak Leather Co., Kenner Dalton & McLean avs
Asbestos Supply & Mfg. Co., 111 W 3d
Atlas Rubber & Belting Co., 312 Walnut
Blaesi, C. W. Co., 238 E 3rd
Boebinger Hdw. Co., 315 E Pearl
Broadway Mchy Co., 236 B'way
Burr Oak Belting Co., 52 Livingston
Consolidated Boot Store Co., 56 Main
Crane Co. (of Chicago), Est. 1855, 824 B'way
Devou V. N. Supply Co., 506 Central av
Dodge Mfg. Co., 128 W 3d
Doermann-Roehrer Co. (Also Mine Supplies), 318 E 3rd
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Eagle Counter & Leather Co., 416 E 8th
Economy Machinery Co. (Jno. H. Flynn, Prop.), 428 E Pearl
Fairbanks Morse & Co., 4th & Central av
Fewlass-Leen Brass & Iron Co., 610 E Front
Flynn Wm. H. Machy. Co., 404 E 2nd
Hammond Heating Co., 130 E Pearl
Johnston Wm. T. Co., 3d & Vine
King Walter E., 115 W 3rd
Kinsey E. A. Co., 331 W 4th
Kramig R. E. & Co., 8th & Eggleston av
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly *See adv index at end of book*
Mechanical Supplies Co., 220 E 3rd
Merkel Bros. Co., Canal & Jackson
Morris E. K. & Co., 317 W 2d
Murdock Mfg. & Supply Co., 426 Plum
Nichol Thos. J. & Co., Pearl & Ludlow
Nuhring Chas. & Bro., 1212 Walnut
Ohio Machy. Exchange Co., 24 W 2nd
Ohio Rubber Co., 228 W 7th
Pickering Hardware Co., 5th c Main
Queen City Supply Co., Pearl & Elm
Regal Belting Co., 2520 Spring Grove av
Richter Brass Co., 210 E 9th
Scallan Supply Co., 121-3 W 3rd
Schultheis Edw. Co., 832 W 6th
Straub Machinery Co., 1230 Knowlton
Thompson Walter M., 1427 Plum
Uihlein Julius & Co., 208-14 Elm
Vulcan Supply Co. (Also Mine, R. R., etc), 120 Sycamore
Wirthlin-Mann Co. (Also Mine), Plum & Commerce
Wood J. R. Supply Co., 917 B'way
CLEVELAND — Acme Mill Supply Co. (Scrap Iron, Steel & Metal), 836 Guardian bldg
Acme Nail & Supply Co., 422 Frankfort
Allied Rubber & Mica Co., 1430 W 3rd av
Biggs-Watterson Co., 1237 W 9th
Bingham W. Co., 1278 W 9th
Bliss Supply Co., 875 Long av
Buckeye Belting & Supply Co., 1560 W 3rd
Clark Mchy. Co., 1302 Ontario
Cleveland Mill Supply Co., 1110 Walnut
Cleveland Tool & Supply Co., 1427 W 6th
Consumers' Rubber Co. (Rubber, etc), 829 Superior av
Cooperative Mchy. Co., 1227 W 9th
Cray Bros., 1111 W 11
Dennison A. D. & Co., 1020 Superior
Duplex Mchy. Co., 1224 W 6th
Fairbanks, Morse & Co., 1354 W 9th
Forest City Rubber Co., 1276 Ontario av
Freyman's Tool Co., 309 Prospect av
Gatts F. C. Co., Cuyahoga bldg
Garlock Packing Co., Engineers' bldg
HAYES EQUIPMENT CO., Engineers' bldg
Ingraham Waste & Supply Co., 1539H Columbus rd
Jacobson Supply Co., 1252 E 35th
Luetkemeyer Co., 725 Superior av, N W
Manning, Maxwell & Moore, Inc., Leader News bldg
Mau-Sherwood Supply Co., 1616 W 3rd
Morton-Petitt Co., 3951 St. Clair
Motch & Merryweather Mchy. Co., 711 Lakeside av, N W

Ohio Rubber Co., 725 St. Clair av, N E
Ohio Supply Co., 1579H Columbus rd
Pattison W. M. Supply Co., 777 Rockwell av
Philpott Rubber Co., 1408 W 3d
Republic Supply Co., 408H Frankfort av
Rubber Sundries Co., 1387 W 9th
Standard Sanitary Co., 4409 Euclid av
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W
Union Engng Co., Cuyahoga & W 4th
White Tool & Supply Co., 1313 W 6th N W
Worthington Geo. Co., 802-832 St. Clair av, N W
COLUMBIANA—Enterprise Co. (Sawmill)
COLUMBUS—Columbus Belting & Supply Co., 195 H. E. Long
Columbus Mill & Mine Supply Co. (Also Mine), 75 N Front
Columbia Pump Supply Co., 35 Vine
Columbus Supply Co., 37 W Spring
Franklin Bldrs. Supply & Coal Co., 400 W Broad
Osborne & Sexton Machinery Co., 4th & Russell
Plumbers' & Factory Supply Co., 33 E Spring
Ross-Willoughy Co., 109 E Spring
Sackett Mine Supply Co. (Also Mine Supplies), 164 N 3d
Scioto Valley Supply Co. (Also Mine), Long & 3rd
Smith Bros. Hdw. Co., 38 W Chestnut
Tallmadge Hardware Co., 147 N High
Westwater Supply Co. (Also Mine), 150 N 3rd
CONNEAUT—Mitchell Hardware Co.
COSHOCTON—Keagy & Lear Machine Co. (Also Mine)
DAYTON—Dayton Iron & Steel Co.
Gump Charles A.
Larkin M. D. Supply Co.
Patterson Tool & Supply Co.
EAST LIVERPOOL—Milligan Hardware & Supply Co.
ELYRIA — Elyria Belting & Machinery Co.
FINDLAY—Buckeye Hdwe. Co.
Ohio Pipe Co.
Went C. H.
FREMONT—Winters Hdwe. Co.
GENEVA—Harley Bros.
HAMILTON—Hamilton Supply Co.
IRONTON—Central Hardware & Harness Co. (Belting, etc)
KENTON—Cantwell Hardware Co.
LANCASTER—Martens Hdwe. Co.
LIMA—Good Tool & Supply Co.
Jones Hardware Co.
MANSFIELD—Hughes Supply Co.
MARIETTA—Buckeye Supply Co.
Frick & Lindsay Co.
Seyler Hardware Co.
MARION—Haberman Hdwe. Co.
Oil Well Supply Co.
Producers Supply & Tool Co.
MILAN—Curtis Machine Co.
NEWARK—Universal Supply Co.
NEW PHILADELPHIA — Sharp Mfg. & Supply Co.
NORWALK—Gfell John H. & Co.
PIQUA—Angle Hardware Co.
Woodcox I. N. & Son
PORTSMOUTH—Hibbs Hardware Co.
Portsmouth Supply Co.
Standard Supply Co.
ST. MARYS—Jasperson Supply Co.
SALEM—Salem Hardware Co.
SANDUSKY—Rinkleff Geo. M.
SPRINGFIELD—Burton G. F Co.
Lane, T. J. Equipment Co.
Springfield Hdw. Co.
Vulcan Hardware Co.
STEUBENVILLE—Petroleum Supply Co.
Steubenville Hdwe. & Supply Co.
Thomas & Co.
TIFFIN—Crobaugh & Dahm H'dware Co.
TOLEDO—Auburndale Hardware Co.
Bostwick-Braun Co.
Coghlin Machinery & Supply Co.
Hardy & Dischinger Co.
Heavy Hdwe. Co.
National Supply Co.
Ohio Plumbers' Supply Co.
Shaw Kendall Engng. Co.
Star Hardware & Supply Co.
Standard Sanitary Mfg. Co.
Stollberg Hardware & Paint Co.
Toledo Belting Co.
Toledo Rubber Co.
Toledo Saw & Supply Co.
Union Supply Co.
United States Rubber Co.
Wilcox M. L. Co.
UPPER SANDUSKY—Beidler F.
WARREN—Park Hdwe. Co.
Warren Hdwe. Co.
XENIA—Bocklett-King Co.
YOUNGSTOWN — Stambaugh Thompson Co.
Wilkins-Leonard Hardware Co.
ZANESVILLE—Clossman Hardware Co.
Rockel Co.

OKLAHOMA.

BARTLESVILLE—Atlas Supply Co.
Bartlesville Supply Co.
Jarecki Mfg. Co.
Oil Well Supply Co.
CLEVELAND—Jarecki Mfg. Co.
Oil Well Supply Co.
U. S. Supply Co.
CLINTON—Welch Wholesale Hardware Co.
COMMERCE—Joplin Supply Co.
Quapaw Supply Co.
CUSHING—Oil Well Supply Co.
DRUMRIGHT—Continental Supply Co.
Frick-Reid Supply Co.
Jarecki Mfg. Co.
Oklahoma Tool & Supply Co.
EL RENO—El Reno Foundry & Machine Co.
ENID—Young J. A. Machine & Supply Co.
McALESTER—Russell Hdwe. Co.
Union Iron Works
MUSKOGEE—Atlas Supply Co.
Crane Co.
NOWATA—Nowata Hardware & Supply Co.
OKLAHOMA—Mideka Supply Co.
Boardman Co.
Corken Mchy. & Supply Co.
Crane Co.
Mideke Supply Co.
Richards & Conover Hdwe. Co.
Sherman N. S. Machinery & Iron Wks.
Sherman N. S. Mchy. & Iron Co.
OKMULGEE—Oklahoma Tool & Supply Co.
PURCELL—Beringer Hardware Co.
SAPULPA—Bovaird Supply Co.
TAR RIVER—Joplin Supply Co.
TULSA—Bovaird Supply Co.
Hope Engng. Supply Co.
Oil Well Supply Co.
Oklahoma Iron Works
Oklahoma Tool & Supply Co.
United States Supply Co.
Wait A. L.

OREGON.

ALBANY—Albany Iron Wks.
ASTORIA—Beebe Co.
BAKER—Basche-Sage Hardware Co.
GRANTS PASS—Grants Pass Hardware Co. (Also Mine)
Rogue River Hardware Co.
PORTLAND—Atkins E. C. & Co., 75 1st
Avery & Co., 48 3rd
Barde, M. & Sons
Beebe Co.
Clyde Equipment Co.
Crane Co.
Davis-Scott Belting Co., 108 Union
Eccles & Smith Co., 46 Front
Goodyear Rubber Co., 67 4th
Hammond Mfg. Co. (Also Mine), Kamm bldg
Honeymoon Hdwe. Co., 9th & Hoyt
Kline M. L. Co., 84 Front
Marshall Wells Hardware Co. (Also Mine), 15th & Lovejoy
Mitchell-Lewis & Staver Co., B'way & Everett
Northwestern Hdwe. & Steel Co.
Pacific Mill & Mine Supply Co.
Portland Iron Works, 14th & Northrup
Portland Machinery Co., 62-66½ 1st
Portland Marine Supply Co.
Ross J. J. Mill Furnishing Co. (Flour Feed and Cereal Mill; Also Grain Elevator Equipments)
Sharp H. W.
Simonds Mfg. Co., 85 1st
See adv index at end of book
Stewart Bros. Co.
U. S. Rubber Co. of Cal.
Walworth Mfg. Co., 69 N 12th

PENNSYLVANIA.

ALLENTOWN—Albright Son & Co.
Allentown Reed, Harness & Mill Supply Co.
Bonney Forge & Tool Works
Hersh F. Hardware Co.
Schelly C. Y. & Bro.
Taylor William H. & Co.
Young M. S. & Co.
ALTOONA—Altoona Pipe & Supply Co.
Standard Supply & Equipment Co. (Also Mine)
ASHLAND—Buck Peter E. & Sons (Also Mine)
BEAVER FALLS—Beaver Valley Mill Supply Co.
Brierly Frank F. & Sons
Davidson Hdwe Co., Dept. H, Beaver Falls, Pa.
Palmer Henry S. Supply Co.
Pettler P. & Son
BELLEFONTE—Potter-Hoy Hdwe. Co.
Bovaird & Co.
BETHLEHEM—Krause J. S. Hardware Co.
BRADFORD—Bradford Supply Co.
Emery Hardware Co.
Oil Well Supply Co.
BUTLER—Campbell J. G. & W.
Keystone Pipe & Supply Co.
Oil Well Supply Co.
Spang & Co.
CHESTER—Galey Hardware Co.
Harper Mfg. Co.
Howland Wm. O.
Riley Benj. F.
Wetherill Robt. & Co.
CHICORA—Johnson C. H.
CLEARFIELD—Clearfield Machine Shops
Clearfield Hdwe Co.
Dufton Hardware Co.
Powell Wm. F.
COATESVILLE—Pownall Hardware Co.
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
CORRY—Barlow Hardware Co.
DUBOIS—Dubois Iron Works (Also Mine)
Hibner-Hoover Hdwe Co.
Osborn Machine Co.
EASTON—Crowder H. N., Jr., Co.
General Supply Co.
Losey & Co.
Macan Jr., Co.
Serfas Lumber Co. (Lumber only), Drake bldg
EAST STROUDSBURG — International Boiler Wks. Co.
ERIE—Coblentz Tool & Supply Co.
Erie Mfg. & Supply Co.
Jarecki Mfg. Co.
Mayer M. C. & H. E.
Palace Hardware House, 913 State
Saxer-Creider Mchy. Co.
Standard Sanitary Mfg. Co.
Stirling-Warfel Mill Supply Co.
Weller H. P. Supply Co.
FRANKLIN—Oil Well Supply Co.
Producers' Supply Co.
HARRISBURG—Appleby Bros. & Whitaker Co.
Gilbert H. & Son, 400 S 2nd
Mather E. Co.
HAZLETON—Hazleton Machinery & Supply Co. (Also Mine)
Fisher, Reichard & Todd
Hazleton Hdwe Co.
Woodring Jeremiah & Co. (Also Mine)
HUNTINGTON—Miller C. H. Hardware Co.
JOHNSTOWN—Swank Hardware Co.
KANE—Kane Supply Co.
Oil Well Supply Co.
KINGSTON—Roat A. J. Supply Co. (Also Mine)
LANCASTER—Cummings, Bevis & Levan
Herr & Co.
Raub Supply Co.
Reilly Bros. & Raub
Steinman Hdw. Co.
LATTIMER MINES—Lattimer Supply & Mchy Co.
LEBANON—Krause Geo. Hardware Co.
Lebanon Engineering & Supply Co.
MEADVILLE—Gill D. A.
Rhodes I. M. & Co.
Yonts C. W. Co.
MILTON—Buoy John Y. Co.
MUNCY—Sprout, Waldron & Co.
NEW BETHLEHEM—Anderson Hdwe Co.
NEW CASTLE—Dickson & Co.
Kirk Hutton & Co.
Smith C. E. Hardware Co.
NORRISTOWN—Quillman Benjamin Hdw. Co.
OIL CITY—Logan Robert
Oil Well Supply Co.
United Hdwe & Supply Co.
OSCEOLA MILLS—Stine S. B. (Mine)
PARKERS LANDING—Schenck Mfg. Co.
PATTON—Central Hdwe & Supply Co. (Also Mine)
PEN ARGYL—Correll R. S. (Also Mining)
PHILADELPHIA—Annear Wm., 57 N 2d
Arny C. W. & Son, Trenton & Somerset
Bailey-Lewis Inc., 406H Bakewell bldg.
Belfield H. Co. 435 N Broad
Billington Jas. H. Co., 113 Chestnut
•Billington Jas. H. Co. (Textile Mach.), 113 Chestnut
•Bond Chas. Co., 617 Arch
Brogan & Co., 810 Race
Consolidated Belting Co., 3108 Germantown av
Cox & Sons Co., 5th & Chestnut
Crane Co. (of Chicago) (Est. 1855), 245 Master
Cressman N. C. Co. (Mill, Mine & R. R.), Drexel bldg
Crozier R. J. Co. (R. R. Mill & Mine), North American bldg
Devitt Paul J., 1101 S 2nd
Diamond Textile Machine Works, 1820 N 10th
Dodge Mfg. Co., 815 Arch
Dominion Asbestos & Rubber Co., 110 Walnut *See adv index at end of book*
Drake Clifton B., 23H N 10th
Etsweiler Wm. (Leather, etc), 230 N 3d
Fairbank Co., 701 Arch
Fields Chas. J. Sons, 633 Market
Fifer & Beatty, Front st & Lehigh av
Ford & Kendig Co., 1428H Callowhill
Girard Mach. & Tool Co., 491 N 3d
Gold Walter C., 235 Race
Graton & Knight Mfg. Co., 132 N 3d
Haines, Jones & Cadbury Co., 1136 Ridge av
Hanson E. M. & Co. (Also Mine), 130H N 4th
Hartman Co., 1231 N Front
Hayward S. F. & Co., 704 N 8th
Hitners H. A. Sons Co., 4501 Richmond
Hodson G. & A., 226 Arch
Hogan & Donnelly, 319 Vine
•Houghton E. F. & Co. ("Vim," "Houghton" Oak), 240 W Somerset
Hunter & Dickson Co., 241 Arch
Industrial Requirements Co., 136 Chestnut
Industrial Supply & Equipment Co., 407 Sansom
Jenkins Bros., 133 N 7th
Keep Bros., 225 Sansom
Kessel Henry A. Co., 12 N Delaware
Keystone Supply & Mfg. Co., 917 N 9th
Koons E. W. & Co. 911 Filbert
Kinkerter & Sheppard Co., 4669 Frankford
•Ladew Edw. R. Co. (Est. of), 14 S 3d
Latimer R. L. & Co., 24 N Front
Levick's Richard Son & Co. (Rubber Belting, Hose, Packing, etc), 720 Chestnut
Lewis Steam Specialty & Valve Co., 260 N 11th
Maddock & Co., 40 N 6th
•Main Belting Co., 1219 Carpenter
Maneely John, 247 N 12th

PENNSYLVANIA—Philadelphia—cont.
Manning, Maxwell & Moore, Lincoln bldg
Manufacturers' Supplies Co., Juniper & Cherry
Mitchell F. A., 20th & Callowhill
Mitchell W. K. & Co. Inc., 2940 Ellsworth
Murta-Appleton & Co., 12th & Sansom
Nast D. Mchy Co., Bourse
Naumann Hdw. & Supply Co., 4324 Gtn av
O'Brien Mchy Co., 119 N 3rd
Pancoast Henry B. Co., 950 N Front
Paulus Jos. C. & Co., 2507 Potter
Pechin Belting Co., Orchard & Torsdle
Penn Engng Co., 1119 N Howard
Phila. Ship Supply Co., 2024 Passyunk
Phila. Steam Heating Co., Juniper & Cherry
Phillips F. R. & Sons Co., Penna. bldg
Potts Horace T. & Co., 316 W 3d
Powell Clouds & Co., 602 Arch
Powell, Clouds & Co. (Tools & Supplies), 602 Arch
Quaker City Rubber Co. (A full line; also Mfrs of "Daniel's P. P. P. and "Ebonite" Packings), 629 Market
Rainear C. J. & Co., 518 Arch
Restein Clement Co., 139 N 2d
Rich J. & G., 126 N 6th
Richards E. W. & Co., 2029 Frankford
Sachs Wm. A., Germantown av & Girard
Sanson & Rowlands, 505 Commerce
Savill's Thos. Sons, 1310 Wallace
Schade Valve Mfg. Co., 2528 N American
*Schieren Chas. A. Co., 226 N 3d
Shannon J. B. Hdw. Co., 816 Chestnut
Shannon J. Jacob & Co., 1744 Market
Sherritt & Stoer Co., Inc., 2006 Market
Shipley W. E. Mchy Co., Morris bldg
Shultz Belting Co., 149 N 4th
Smith Jas. & Co., 1820 N 10th
Spaulding & Metcalf, 532 Arch
Standard Supply & Equipment Co. (Also Mine), N W cor. Cherry & 13th
Swind Mchy Co., Widener bldg
Toomey Frank, 127 N 3rd
Vandyck Churchill Co., Widener bldg
Watt Francis & Co., 149 S Front
Webb E. & Sons Co., 136 S Front
Winterer Herman L., 908 Beach
Wolfenden Daniel (Textile), 232 Arch
PHILLIPSBURG—Gill Mfg. Co. (Mine)
PHOENIXVILLE—Benjamin Hdwe Co.
PITTSBURGH — Armstrong - Wolfe - Zimmerman Co., 1st & Market
Bailey Farrell Mfg. Co., 3rd av & Ross
Bailey Wm. Co., Bakewell bldg.
Bassett Rose Supply Co., 111 Market
Best Co., Arrott bldg
Biddle Purchasing Co., 546 2d av
Bowman Supply & Mfg. Co., Inc., 890 Main
Briggs Machinery Co., 238 2d av
Brown & Zortman Machinery Co., Union Arcade bldg
Carlin John H. Mach. Co., 161H E Lacock
Carter R. K. & Co., 1201 Keenan bldg
Chandler-Boyd Supply Co., 47 Terminal Way
Childs H. L. & Co. (Also Mine), 249 Water
Colonial Supply Co. (Also Mine), 414 1st av *See adv index at end of book*
Contractors' Mchy & Supply Co., Wabash bldg
Demmler Bros. Co., 109 Ross
Dodge Mfg. Co., 337 2d av
Fairbanks, Morse & Co., 427 Alice
Flocker Jno. & Co., Ltd., 957 Liberty
Foster-Songer Co., Park bldg
FRICK & LINDSAY CO. (Also Mine Dealers), Sandusky & Robinson *See adv index at end of book*
Garlock Packing Co., 100 Smithfield
Garrity Ralph E. Co., 607H Wabash bldg.
Green L. A., First Natl Bk bldg
*Hartley-Rose Belting Co., 425 1st av
Heeren, Bras & Co., Penn & 8th
Hukill, Hunter Co., 35 Terminal Way
Industrial Supply Co., Jenkins Arcade bldg
Jarecki Mfg. Co., 311 First
Johnston Morehouse & Dickey Co., 106H Market
Kelly & Jones Co., 135 Water
Kirk Supply Co., Farmers' Bank bldg
Laughlin & Barney, Union Arcade
Lindsay J. C. Hardware Co., 12 8th
Logan-Gregg Hdw. Co., 121 9th
McCormick J. S. Co., 25th & A. V. R. R.
McDowell & Co., Galveston & Western
McKenna Brass & Mfg. Co., 1st & Ross
McKnight Samuel Hdwe Co., 225 Federal
Machinists Supply Co., 325H 2nd av.
Manning, Maxwell & Moore, Inc., Park bldg
Miller J. S. Mchy Co., 3 Wood
Mine Safety Appliances Co., 909 Chamber of Commerce bldg.
National Supply Co., Union Bk bldg
Obermayer S. Co., 2835 Smallman
Oil Well Supply Co. (Also Mine), 215 Water
Penn Equipment Co. (Also Mine), Park bldg
Penn Mill & Mine Supply Co., 523 1st av
Phillips J. & H., 627 Liberty av
Phillips Mine & Mill Sup. Co., 2227 Jane
Pittsburgh Gage & Supply Co. (Also Mine), 30th & Liberty av
Pittsburgh Mchy & Equipment Co., Fulton bldg
Pittsburgh Mch & Supply Co., 242 3rd
Pittsburgh Piping & Equipment Co., 35th & Charlotte
Pittsburgh Supply Co.
Reineke-Wagner Pump & Supply Co., 416 First av
REPUBLIC SUPPLY CO., 123 Water
Ross I Hardware & Plumbing Supply Co., 1810 Carson
Ross Mechanical Supply Co., 2 Ross
Somers, Fitler & Todd Co., 325 Water
Speck, Marshall Co., 314 2d av
Stamets Wm. K., Jenkins Arcade
Standard Sanitary Mfg. Co. Bessemer bldg
Standard Scale & Supply Co., 1631 Liberty av *See adv index at end of book*
Standard Supply & Equip. Co. (Also Mine), 1207 Liberty av
Tranter Mfg. Co., 105 Water
Turner Chas. A. (Mill, Mine & Railroad Supplies), 3d av & Chancery
U. S. Rubber Co.
Wilson & Daum Co., 14 Wood
Woodwell Jos. Co., 207 Wood
PLYMOUTH—Shawnee Supply Co.
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright George Hardware Co.
Pottsville Supply Co. (Principally Mine)
Thompson Lewis C. Co.
PUNXSUTAWNEY—Punxsutawney Fdry. & Machine Co.
READING—Bard Hardware Co.
Berks Engineering Co.
Bright & Co.
Gretch Mch. Wks.
Hoff & Bro., Inc.
Reading Engineering Wks., 116 Washington
Reading Heater & Supply Co.
Tragle Mfg. Co.
Worley Hardware Co.
REYNOLDSVILLE—Herpel Bros.
RIDGWAY—Ridgway Mfg. Co.
ROUSEVILLE—Rouseville Supply Co.
SCRANTON—Bittenbender Co. (Mine) *See adv index at end of book*

The Bittenbender Co.
Stock Shipments
Mill and Factory Supplies
SCRANTON, PA.

Case W. A. & Son Mfg. Co.
Gaylord & Butler Co.
Maloney Oil & Mfg. Co.
Potter L. B. & Co. (Also Mine)
Scott Chas. B. Co.
*Scranton Supply & Mach'y Co. (Also Mine)
SHAMOKIN—Hack W. C. Sons
Jones Hardware Co. (Also Mine)
SHARON—Fruit-Ohl Co. (Also Foundry & Blast Furnace Supplies)
SOMERSET—Schell P. A. & Co.
SUNBURY—Sunbury Supply Co.
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
TUNKHANNOCK—Billings Paul & Sons
UNIONTOWN—Uniontown Hdw. & Supply Co. (Also Mine)
WARREN—Bradford Supply Co.
Pickett Hdw. Co.
WEST NEWTON—Fisher Mine Equipment Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Huntington Mchy. & Supply Co.
Lewis & Bennett Hardware Co.
WILLIAMSPORT—Keeler E. Co.
Kline & Co. (Also Mine)
National Foundry Mfg. & Supply Co.
Valley Iron Works
YORK—Duff William E. Co.
Lucas Supply & Equipt. Co., 109 N George
Mehring H. B. & Co.
Motter's Geo. F. Sons
Small P. A. & S. Co.

RHODE ISLAND.

CENTRAL FALLS—American Supply Co.
EAST PROVIDENCE—Humes Mfg. Co.
PAWTUCKET—Blackstone Reed & Harness Co., 41 Bayley
Easton & Burnham Machine Co., Pine
Edmands Arthur B. Co., Slater av
Jackson Samuel Co.
Narragansett Mch. Co.
Thornley Supply Co.
Toole W. K. Co., 180 Main
PROVIDENCE—Allen & Reed, 178 Dorrance
*American Supply Co., 135 Washington
B. & H. Supply Co., 115 Mathewson
Barker, Chadsey & Co., 38 Westminster
Brown Bros. Co., 62 Exchange pl
Brownell Mchy. Co., 11 Eddy
Chase F. A. & Co., 253 W Exchange
Church, E. C. Co., 5 Eddy
Cole John W., Grosvenor bldg
Conlin J. C., 361 Washington
Eddy E. A. Mchy. Co., 211 Eddy
Fairbanks Co., 74 Mathewson
General Fire Extinguisher Co., 275 W Exchange
Gilbert Mill Supply Co., 50 Exchange pl
Gilbert & Tierney Supply Co., 50 Exchange pl
Hope Mill Supply Co., 31 Snow
Hope Rubber Co., 97 Westminster
Jager Chas. J. Co.
Knight Richard W. B., 169 Dorrance
Parkinson Edward Mfg. Co., 34 Sprague
Power & Grant, 33 Culver
Providence Mill Supply Co., 68 W Exchange
Rhode Island Covering Co., 104 S Water
Rhode Island Supply & Sprinkler Co., 156 W Exchange
Spencer Wilton H., 11 Exchange pl
Standard Mill Supply Co., 39 Exchange pl
Talcott W. O. & M. W., 91 Sabin
Taylor Chas. F., 57 Weybosset
Tierney James E., 131 Washington
U. S. Mill Supply Co., 334 S Water
U. S. Oil & Supply Co., 334 S Water
Wilkinson E. De F. Co., 48 Exchange pl
WOONSOCKET—Darling C. H.
Farnum J. B. Co.
Getchell Seth S. & Son
Mailloux J. C. & Sons Co.
Shambow Shuttle Co.
Woonsocket Machine & Press Co.
Woonsocket Supply Co.

SOUTH CAROLINA.

ANDERSON—Anderson Hdwe. Co.
Sullivan Hdwe. Co.
BEAUFORT—Christensen N. & Sons
CHARLESTON—Bailey-Lebby Co.
Bird W. M. & Co.
Cameron & Barkley Co.
Charleston Dry Dock & Machine Co.
Franke C. D. & Co.
Luden J. J. W. & Co.
COLUMBIA—Columbia Supply Co.
Gibbes Machinery Co.
Lorick Bros.
Lorick & Lowrance
Southern States Supply Co.
GEORGETOWN—Kaminski Hardware Co.
GREENVILLE—Carolina Supplyy Co.
Greenville Textile Supply Co.
Poe Hardware & Supply Co.
HARTSVILLE—Hartsville Supply Co.
SPARTANSBURG—Montgomery & Crawford
Montgomery & Crawford
Palmetto Hdwe. & Supply Co.
SUMTER—Sumter Railway & Mill Supply Co.
WOODRUFF—Westmoreland W. B. Co.

SOUTH DAKOTA.

ABERDEEN—Crane & Orway Co.
RAPID CITY—Duhamel Co.
Sweeney Tom Hardware Co.
SIOUX FALLS—Dakota Iron Store
Dempster Mill Mfg. Co.
Larson Hardware Co.
Plumbing Supply Co.

TENNESSEE.

BRISTOL—Interstate Hdwe. & Supply Co.
Mitchell-Powers Hdwe. Co. (Also Mine)
CHATTANOOGA—Cantrell Fred Co., Inc.
Chattanooga Saw Works
James Supply Co.
Mills & Lupton Supply Co. (Also Mine), 1146 Market
Rogers-Bailey Hardware Co.
Vance John C. Iron & Steel Co.
Wheland Co.
CLARKSVILLE—Elder-Conroy Hdw. Co.
CLEVELAND—Cleveland Machinery & Supply Co.
COVINGTON—Walker M. A. & Co.
HARRIMAN—Harriman Fdy. & Mach. Wks. (Mine)
JACKSON—Gooch-Edenton Hardware Co.
Southern Engine & Boiler Mfg. Co.
JELLICO — McComb Supply Co. (Also Mine)
JOHNSON CITY—Summers Hdw. Co.
KNOXVILLE—Crane Co.
House-Hasson Hardware Co. (Also Mine)
McClung C. M. & Co.
Savage W. J. Co. (Also Mine)
Tennessee Mill & Mine Supply Co.
MEMPHIS—Argill Bros. & Co.
Atkins E. C. & Co.
Browne & Borum Co.
Chickasaw Mch. & Fdry. Co.
Crane Co.
Ellis Wm. C. & Sons Iron Works
Memphis Mch. Wks.
Nelson N. O. Mfg. Co.
Pidgeon-Thomas Iron Co. (Railroads, etc)
*Reed & Duecker
Riechman-Crosby Co.
Standard Sanitary Mfg. Co.
Stratton-Warren Hdwe Co. (Also Railroad)
Towner & Co.

NASHVILLE—Bouchard John & Sons Co.
Case W. A. & Son Mfg. Co.
Dale John P. Machinery Co.
Keith, Simmons & Co.
Nashville Machine Co.
TULLAHOMA—Lawson T. D.

TEXAS.

AUSTIN—Gossard A. R.
Heirman John & Son
BEAUMONT—Beaumont Iron Wks. Co.
Lucey Mfg. Corp. of Texas
Norvell-Wilder Hdwe. Co.
Oil Well Supply Co.
Texas Supply Co.
Wilson E. L. Hdwe. Co.
BROWNSVILLE—Valley Plumbing & Supply Co.
CORPUS CHRISTI—Caldwell E. H. & Son
San Antonio Mch. & Supply Co.
CORSICANA—American Well & Prospecting Co.
Oil Well Supply Co.
CUERO—Runge H. & Co.
DALLAS—Bradley Gin-Saw Files Co.
Briggs-Weaver Machinery Co.
Continental Gin Co.
Dallas Mill Supply Co.
Fairbanks, Morse & Co.
McGhee Rubber Co.
Murray Co.
Standard Sanitary Mfg. Co.
DENISON—Hall-Leeper Hardware Co.
EL PASO—El Paso Foundry & Machine Co. (Also Mine)
Krakauer Zork & Moye's Successors (Also Mine)
Mine & Smelter Supply Co.
Momsen-Dunnegan-Ryan Co.
FORT WORTH—Axtell Co.
Barry-Wehmiller Mchy. Co.
Ft. Worth Well Mchy. & Supply Co.
McGhee Rubber Co.
Southern Trading Co.
Standard Sanitary Mfg. Co.
Texas Heavy Hdwe. Co.
Texas Mfg. Co.
Wagner Supply Co., Dept. H.
GALVESTON—Black Hdwe. Co.
Shean Paul Co.
GOOSE CREEK—Girten Belting & Packing Co.
HENDERSON—Teller E. J. & Son
HOUSTON—Barden Electric & Machinery Co.
Bering-Cortes Hardware Co.
Cameron-Davant Co.
Cotter G. F. Supply Co.
Girten Belting & Packing Co.
Heitmann F. W. Co.
Houston Mill Supply Co.
Keithly Co.
Lucey Mfg. Co. of Texas
National Supply Co.
Nelson N. O. Co.
Oil Well Supply Co.
Peden Iron & Steel Co.
Republic Supply Co.
Smith Howard & Co.
Southern Cons. & Mill Supply Co.
Southern Rubber & Belting Co.
Standard Sanitary Mfg. Co., Ahrens & Ott Div.
JEFFERSON—Meyer Eugene
Torrans Mfg. Co. (Also Mine)
KINGSVILLE—Kingsville Lumber Co.
LUFKIN—Lufkin Foundry & Machine Co.
MARSHALL—Hayes E. B. Mchy. Co.
MARYLAND—*American Belting Co.
MERCEDES—Rio Grande Hdwe. & Mchy. Co.
ORANGE—Sabine Supply Co.
PALESTINE—Dilley George E. & Son
PARIS—Bettes H. S. Hardware Co.
Collins & Moore
Dulaney W. F. & Sons
SAN ANTONIO—Alamo Iron Works
Peden Iron & Steel Co.
San Antonio Foundry Co.
San Antonio Machine & Supply Co.
SHERMAN—Hardwick-Etter Co.
Roberts, Sanford & Taylor Co.
SWEETWATER—Western Windmill Co.
TYLER—Connally Walter & Co.
WACO—June D. Machinery Co.
McGhee Rubber Co.
McLendon Hardware Co.
Waco Machinery & Supply Co.
WICHITA FALLS—Continental Supply Co.

UTAH.

OGDEN—Lowe Geo. A. Co. (Also Mine)
SALT LAKE CITY—Crane Co. (of Chicago), Est. 1855
Fairbanks, Morse & Co.
Galigher Machinery Co.
Landes & Co.
Mine & Smelter Supply Co.
Mountain States Rubber Co.
Richmond F. C. Machinery Co.
Salt Lake Hdwe. Co. (Also Mine)
Trent Engng. & Mchy. Co.
Utah Mchy. Co.

VERMONT.

BARRE—Phelps N. D. Co.
Reynolds & Son
Smith, Whitcomb & Cook Co.
Trow & Holden Co.
BARTON—Seaver H. T.
BELLOWS FALLS—Field & Lawrence
Vermont Farm Machine Co.
BRANCHLAND—Howard Hdwe. Co.
Field & Lawrence
Howard Hdwe. Co.
BRATTLEBORO—Robins & Cowles
BURLINGTON—Blodgett G. S. Co.
Davis E. J. Mch. Wks.
Isham Hdwe. Co
Manson Hdwe. Co.
Strong Hdwe. Co.
DERBY LINE—Hunt R. J.
FAIRHAVEN—Norton Hdwe. Co.
NEWPORT—True & Blanchard
MONTPELIER—Deming Hdwe. Co.
Dwinell Hdwe. Co.
Peck Bros. Co.
RANDOLPH—Lamson J. H. & Sons
RUTLAND—Holmes Iron Co.
Lincoln Iron Works
Manning Mfg. Co.
Patch F. R. Mfg. Co.
ST. JOHNSBURY—Hooker O. V. & Son
SPRINGFIELD—La Fountain-Woolson Co.
Parks & Woolson Mach. Co.
STOWE—Miles McMahon & Son
WATERBURY—Smith & Somerville
WESTMINSTER STA.—Abenaque Mch. Wks.
WHITE RIVER JUNCTION—Shepard Co., Inc. (Pulleys), Belting, etc.

VIRGINIA.

BRISTOL—Mitchell-Powers Hdwe. Co.
CHARLOTTESVILLE — Charlottesville Hdwe. Co.
EMPORIA—Emporia Mch. Co., Inc.
LAWRENCEVILLE—Sledge & Barkley Co.
LYNCHBURG—Ainslie-Martin Co.
Barker-Jennings Hdwe. Corp.
NEWPORT NEWS—Kessel Henry A. Co.
Reyner J & Son
Tidewater Supply Co.
Wilkins W. P. Co.
NORFOLK—Atlanta Supply Co., Inc.
Carlon F. K. Inc.
Cory Herbert H.
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Empire Machinery & Sup. Corp.
Lum Hdwe. & Plumbing Supply Co.
Southern Supply Co. (Railroad & Steamboat)
Taylor-Parker Co. (Railroad & Steamboat)
Tidewater Supply Co.
Walke Henry Co. (Railroad, Mill & Steamboat)
Westbrook Jno. D., Inc.
Whaley W. M. & Co. (Also Steamboat)
White E. V. & Co.
White Hdwe. Co.
Wilson J & R., Inc.
Winslow D. A. & Co.
PETERSBURG—Appomatox Iron Works & Supply Co.
Leonard Chas. Hardware Co.
Stockdell Myers Hardware Co.
Stratton & Bragg Co.
PULASKI—Price Hardware Co. (Also Mine)
Pulaski Hardware Co.
RICHMOND—Eastern Coal & Export Corp.
Frischkorn Hunter B. (Railroad & Mine), 801 E Cary
Gordon Metal Co., 14th & Dock
Lindsay J. L., 1321 E Main
McGraw Jas., Inc., 1442 E Main
Morrison Co., Inc.
Smith Courtney Co.
Southern Asbestos Mfg. Co.
Southern Railway Supply Co. (Railroad), 1323 E Main
Starke Ashton
Sydnor Pump & Well Co., Inc.
Victoria Metal Co.
Virginia Machinery & Well Co., 1319 E Main
ROANOKE—Nelson Hardware Co. (Also Mine)
Roanoke Hardware Co. (Also Mine)
Roanoke Iron Wks.
SALEM—Salem Foundry & Machine Works
SUFFOLK—Folk E. L. Co.
Thomas Hdwe. Co.

WASHINGTON.

ABERDEEN—Grays Harbor Hardware Co.
Isaacson L. G. Co.
BELLINGHAM—Morse Hardware Co.
Northwest Hdwe. Co.
EVERETT—Agnew Hdw. Co.
Bayside Iron Wks.
Lloyd Co., The
Pacific Hardware Co. (Also Mine)
Sumner Iron Works
Tolsma R. B.
SEATTLE—Adair Geo. B. & Son Co., 813 Western
Atkins E. C. & Co., 510 1st av S
Berger & Carter Co.
Biegert J. C. Mch. Wks.
Bowles Co., 107 Jackson
Brinkley Supply Co.
Broderick & Bascom Loggers Supply Co., 623 Western av
Campbell Hdwe. Co.
Castle A. M. & Co. of Washington, 32-34H Conn.
Clyde Equipment Co.
Cragin & Co., 932 1st av
Crane Co.
Curtiss Wm. M. Co., 5016 20th, N W
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Ernst Hdwre. Co., 6th & Pike
Fairbanks, Morse & Co.
Gray Bros.
Hallidie Machy Co., 300H 1st av S
Marine Supply Co.
Meese & Gottfried Co., 558 1st av S
Mill & Mine Supply Co., 317 1st
Moore Chas. C. & Co., Smith bldg
Moran Mfg. Co.
Pacific Mill & Mine Supply Co.
Perine Mchy. Co.
Puget Sound Machinery Depot, 318 1st av S
Schwabacher Hardware Co., 1st S & Jackson (Also Mine)
Seattle Hardware Co., 501 1st av S
Seattle Machine Works, 51 W Lander
Simonds Mfg. Co., 402 Occidental av
Star Machinery Co., 1731 1st av S
Steam Supply & Rubber Co., 79 W. Washington
Sunde & d'Evers Co.
Tolsma John B.
Union Machinery & Supply Co., 500 1st av S.
Vulcan Mfg. Co.
Western Hdw. & Metal Co., 1201 av S
Whiton Hdwe. Co.
SPOKANE—Arnold-Evans Co.
Barnard Mfg. Co.
Crane Co.
Fairbanks, Morse & Co.
General Mchy. Co.
Hofers Ferris Equipment Co.
Holley-Mason Hardware Co.
Jensen-King-Byrd Co.
McGowan Bros. Hardware Co.
Marshall-Wells Co.
Mitchell, Lewis & Staver Co.
Nott-Atwater Co.
Spokane Hardware Co.
United Iron Wks.
United States Rubber Co.
Washington Mchy. & Supply Co.
TACOMA—Crane Co.
Doud-MacFarlane Machinery Co.
Hunt & Mottett Co.
Ruddy J. P. Co.
Sterling Mchy. Co.
Washington Machinery Depot
WENATCHEE—Morris Hdwe. Co.

WEST VIRGINIA.

BLUEFIELD—Bluefield Hdw. Co. (Also Mine)
Superior Supply Co. (Also Mine)
CAIRO—Oil Well Supply Co.
CHARLESTON—Baldwin Supply Co.
Capital City Supply Co. (Also Mine)
Charleston Hdw. Co.
Continental Supply Co.
Goshorn Hardware Co.
Virginian Electric & Machine Works (Mine)
CLARKSBURG—Continental Supply Co.
Hart Bros. Machine Co.
Oil Well Supply Co.
Osborn's J. F. Sons
West Virginia Mine Supply Co.
Williams Hardware Co.
ELKINS—Baldwin Supply Co.
FAIRMONT—Fairmont Mining Machy. Co.
Jacobs-Hutchinson Hardware Co. (Principally Mining)
HUNTINGTON—Banks' Supply Co. (Also Mine)
Branchland Supply Co. (Also Mine)
Miller Supply Co. (Also Mine)
MORGANTOWN—Monongahela Supply Co.
MATOAKA—Miller Supply Co. (Mine)
PARKERSBURG—Mountain Iron Supply Co.
National Supply Co.
Oil Well Supply Co.
Parkersburg Machine Co.
Smith W. H. Hdwe. Co.
Zero Oil Co. (Also Mine)
ST. MARY'S—Producers' Supply & Tool Co.
SALEM—Oil Well Supply Co.
SISTERVILLE—Jarecki Mfg. Co.
Oil Well Supply Co.
WESTON—Danser Mfg. & Supply Co.
WHEELING—Berry Chas. H. Supply Co.
Ott-Heiskell Hardware Co.
Sands H. S. Electric & Mfg. Co.
Trimble & Lutz Supply Co. (Also Mine)
WILLIAMSON—Persinger Hdwe. & Furniture Co.

WISCONSIN.

APPLETON—Appleton Car Mover Co., 547 Eldorado
Schlafer Hardware Co.
Tesch William
ASHLAND—Bretting C. G. Mfg. Co.
EAU CLAIRE—Hobbs W. H. Supply Co.
FOND DU LAC—Dallman & Cooper Supply Co.
GREEN BAY—Fontaine B. Hardware Co.
Morley-Murphy Hdwe. Co.
Murphy Supply Co.
JANESVILLE—Ambrose F. O.
Bicknell Mfg. & Supply Co.
LA CROSSE—Kroner Fred Hardware Co.
La Crosse Plumbing Supply Co.
Roosevelt W. A. Co.
Tausche Vincent Hardware Co.
MADISON—Haak Wm. Jr.
Pepper J. W.
Wiedenbeck-Dobelin Co.
Wisconsin Fdry & Mch. Co.
MANITOWOC—Richards H. C.
Worel Hdwe. Co.
MARINETTE—Westlund August
MILWAUKEE—American Machinery Co., 103 W Water
Badger Belt & Rubber Co.
Badger-Packard Machy. Co., 133 W Water
Bayley Heating & Supply Co., 131 Sycamore

MILL & FACTORY SUPPLIES—continued
WISCONSIN—(Milwaukee)—continued
Downey Heating & Supply Co., 615 Clybourn
Factory Equipment Co., 122 W Water
Federal Mchy. Sales Co., 212 Sycamore
Frankfurth Wm. Hdwe. Co., 119 W Water
Goodyear Rubber Co., 380 E Water
Gross Philip Hardware Co., 218 3rd
Hoffman B. Mfg. Co., 257 6th
Hoffmann & Billings Mfg. Co., 100 2d
Kappen F. H. & Son, 03 W Water
Kramer W. J. Oil Co., 216 Reed
*Milwaukee Leather Belting Co., 146 W Water
McNally C. W. Co., 119 W E Water
National Belting & Salvage Co., 600 E Water
Pritzlaff John Hardware Co., 51 W Water
Rom Robt. Co., 1023 St. Paul av
Rundle-Spence Mfg. Co., 63 2nd
Suelflohn & Sufeld, 45 2d
Trostel A. & Sons Co., 612 Commerce
United States Rubber Co., 41 Oneida
Walsh M. J. Mchy. Co., 141 Sycamore
Western Iron Stores Co., 145 W Water
Wisconsin Machinery & Mfg. Co., 51st & Burnham
NEENAH—Krueger Wm. Co.
Leavens Frank A. (Paper Mill)
OSHKOSH—Battis Bros.
Hay Hardware Co.
Thompson Oil & Supply Co., See Depot
RACINE—Badger-Packard Mchy. Co.
Burnham W. S. & Sons
Greene F. J. Engineering Works
Hoernel Hardware Co.
Langlois Co.
RHINELANDER—Lewis Hardware Co.
Rhinelander Iron Co.
Wood T. C. Hardware Co.
SHEBOYGAN—Geele F. Hardware Co.
Koepsell J. J. Co.
SUPERIOR—Duplex Mfg. Co.
WAUSAU—Murray D. J. Mfg. Co.

WYOMING.

CASPER—National Supply Co.
Oil Well Supply Co.
CHEYENNE—Arp & Hammond Hdwe. Co.
Roedel Frank A.
SHERIDAN—Diefenderfer--Dinwiddie Co.

9756 — Milliameters

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

9757—Mills (Adjustable, Hollow)

See also Mills, Hollow

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Geometric Tool Co. ("Geometric"), New Haven, Conn.
Modern Tool Co. (Hollow Milling Tools), 300 State, Erie, Pa.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.

9758— Mills (Alfalfa)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church New York. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Pecos Valley Alfalfa Mill Co.
Superior Mfg. & Mill Co., Springfield, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros., Easton, Pa.
See adv index at end of book
Wolf Co. ("Wolf"), Chambersburg, Pa.

9759— Mills (Attrition)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Barnard & Leas Mfg. Co. ("Hercules," "Sovereign"), Moline, Ill.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Blymer Iron Works Co., Cincinnati, O.
Brown A. & F. Co., 79 Barclay, New York.
Buckeye Iron & Brass Works, Dayton, O.
Engelberg Huller Co. ("Halstead"), Syracuse, N. Y.
Excel Mfg. Co., Pottersville, N. J.
Gump, B. F. Co., 431 S Clinton
Holmes & Blanchard Co., 31 State, Boston, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Munson Mill Machinery Co., Utica, N. Y.
ROBINSON MFG. CO., Muncy, Pa.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

9760— Mills (Ball Porcelain)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*

9761—Mills (Ball & Pebble)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Alsing J. R. Co. (Tube), 75 Guernsey, Bklyn, N. Y.
Beach-Russ Co., 50G Church, New York *See adv index at end of book*
Braun-Knecht-Heimann Co. (Laboratory), 576-584 Mission, San Francsico, Cal.
Centralized Ball Mill Co., Monadnock bldg
Chalmers-Williams Mfg. Co. (Or Tube Patent Adjustable Quick Discharge for Wet Mills), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Day J. H. Co., Cincinnati, O.
Denver Engineering Works Co. (Tube Mills), Denver, Colo.
FALK CORP., Ft. 30th, Milwaukee, Wis. *See adv index at end of book*
Hallidie Co. (Dealers), Spokane, Wash. *See adv index at end of book*
Hardinge Conical Mill Co., 120 Broadway, New York
Hassell Iron Works Co., Colorado Springs, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP. (Wet & Dry Grinding & Air-swept), 120 Broadway, New York *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Mine & Smelter Supply Co. ("Marcy" Ball), 42 B'way
Patterson Foundry & Machine Co. (Flint, Flour-spar, Quartz, Silex, etc), East Liverpool, O.
Prosser T. & Son ("The Krupp" Imp.), 15 Gold, New York
Smidth F. L. & Co., 50 Church, New York
Stearns-Roger Mfg. Co., Denver, Colo.
Thropp's John E. Sons Co. (Pebble & Tube Only), Ft. of Lewis, Trenton, N. J.
Townsend Foundry & Machine Shop Co. (Ball), Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
Walker Mfg. Co., Denver, Colo.
William A. Iron Works Co., 3309 Blake, Denver, Colo.
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

9762— *Mills (Bar)

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Southwark Foundry & Machine Co. (Rolling, Iron, Steel), 1128 S 4th, Phila., Pa.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

9763— Mills (Bark)

See also Grinders, Edging

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Barry & Zecher Co. ("Eureka"), Lancaster, Pa.
Bartley Wm. & Sons ("Shultis" Sectional), Bartley, N. J.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Fyster, Weiser & Co. (Ltd.), York, Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Ott Benj. & Sons Co. ("Ott's" Bark Shaving), La Crosse, Wis.
Shapley & Wells, Binghamton, N. Y.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Turner Tanning Mach'y Co. ("Turner" Disc Type), Peabody, Mass.
Waterville Foundry & Mfg. Co., Waterville, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.

9764— Mills (Barley)

Barnard & Leas Mfg. Co., Moline, Ill.
Robinson Mfg. Co., Muncy, Pa.
Wilson Bros., Easton, Pa.
See adv index at end of book
Wolf Co., Chambersburg, Pa.

9765— Mills (Billet)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh - Hemphill Co. (Reversing, Blooming or Roughing), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co., Avonmore, Pa.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

9766— Mills (Blooming)

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
TREADWELL ENGINEERING CO., Easton, Pa *See adv index at end of book*

9767— Mills (Bone & Shell)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church New York. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bayley Wm. Co. ("Bayley" Hand Bone), Springfield, Ohio
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York.
Campbell P. F., 51 Laurel, Phila., Pa.
Dempwolf C. H. & Co., York, Pa.

PAUL O. ABBÉ INC.
CRUSHING, CUTTING, GRINDING, MIXING, PULVERIZING AND SIFTING MACHINERY

BALL MILLS. PEBBLE MILLS. CAGE MILLS. DISINTEGRATORS. CRUSHERS. CUTTERS. COLOR MILLS—DRY or in LIQUID. PATENTED PAINT GRINDING MILLS. MOST UP TO DATE IN THE WORLD. MEAD MILLS. MIXERS—DRY, WET, LIQUID, PASTE and MASS.

924 JOHNSTON BUILDING, NEW YORK, N. Y.

ABBÉ ENGINEERING CO.

PULVERIZING MACHINERY

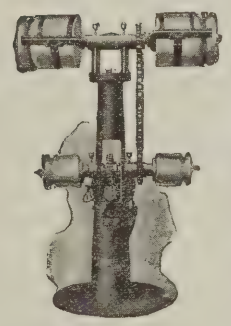
PRODUCTS

Ball Mills	Disintegrators
Pebble Mills	Rotary Cutters
Jar Mills	Filter Presses
Laboratory Mills	Bolting Cloth

See Announcement of Beach-Russ Co. for Vacuum Pump and Pressure Blowers

INQUIRIES

When making inquiries it will greatly facilitate matters if the following information is given: (1) Material to be reduced; (2) How coarse it will be when fed; (3) Fineness of finished product; (4) Capacity per hour; (5) Whether wet or dry; (6) If electric motor drive is desired, the current characteristics should be given.

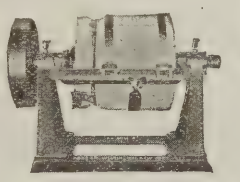


Combination Laboratory Mill.

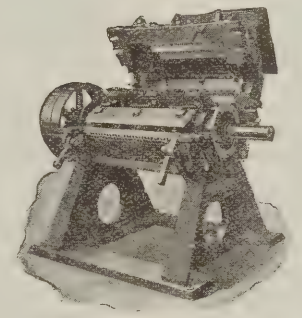
ABBÉ LABORATORY MILLS

These machines are equipped with high quality porcelain jars and are particularly suited for pulverizing small quantities of material and are used extensively in testing laboratories.

They are built with any number of jars and for motor drive if desired.



Single Jar Mill

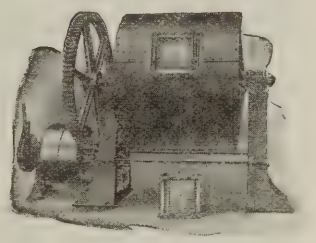


Showing Cutter Open

ABBÉ ROTARY CUTTER

This machine consists of a number of revolving knives which rotate in a casing carrying stationary knives. The material is fed through a hopper, is cut up by the knives and is discharged through a screen at the bottom which regulates the fineness.

The Abbé cutter is used for such materials as: Drugs, dyewood, corn, hay, paper, straw, rags, rubber, spices.



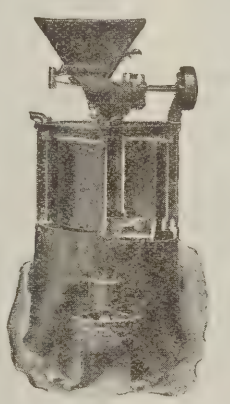
Abbé Pebble Mill
(Patented)

ABBÉ PEBBLE MILL

For pulverizing and mixing (wet or dry) various kinds of material. Require no skilled labor and will operate for years without repairs.

These mills are equipped with either silex, porcelain, cast iron, steel or wood linings. Either porcelain, iron or steel balls or flint pebbles are used as a grinding medium.

A few of the materials that can be ground in these mills are as follows: Aniline Colors, Barytes, Enamel, Feldspar, Silica, Coal, etc.



ABBÉ IMPROVED "MAX" MILL OR DISINTEGRATOR

This mill is particularly useful for granulating and pulverizing soft or medium hard materials which are non-abrasive. The fineness of the finished product is regulated by a readily interchangeable screen.

Some of the materials ground in the "Max" mill are: Alum, bone charcoal, chemicals, colors, gums lime, ochre, rosin, salt, sugar and spices.

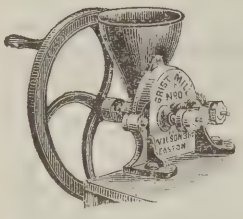
ABBÉ ENGINEERING COMPANY

50 G CHURCH STREET
HUDSON TERMINAL BUILDING
NEW YORK

Cable Address "Mabbe"

Telephone Cortlandt 54, 55, 56

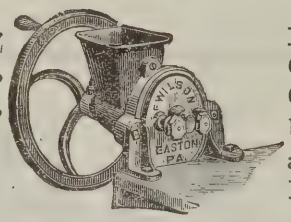
Wilson Celebrated Mills



No. O. C. Mill

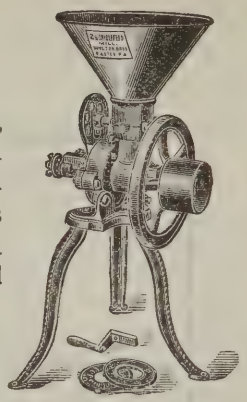
For grinding Dry Bones, Shells, Grit, Grain, Corn on Cob, etc.

Write for Illustrated Catalogue and Discounts



(No. 1 Dry Bone Mill)

Phosphate Mills, Green Bone and Clover Cutters, Feed Mixers, etc. Mills all Sizes and for all Purposes Hand and Power



No. 2½ Farm Grist Mill

WILSON BROTHERS, 43-47 Delaware Street, EASTON, Penna., U. S. A.

SOLE MANUFACTURERS ESTABLISHED 1879

MILLS (BONE & SHELL)—continued

Ertel Geo. Co., Quincy, Ill.
Excel Mfg. Co., Pottersville, N. J.
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Freeman Mfg. Co., ("Freeman" Hand Bone), Racine, Wis.
Gray Iron Casting Co. (Dry Bone Grinders), Springfield, Ohio
Hobart Mfg. Co. ("Hobart" Electric & Gasoline), Troy, Ohio
Holmes & Blanchard Co., 31 State, Boston, Mass.
Humphrey & Sons, Joliet, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Mann F. W. Co. ("Mann's"), Milford, Mass.
Messinger Mfg. Co. (Hand Bone), Tatamy, Pa.
Miller L. J. ("Nonpareil" Bone), 1223 Harrison av, Cincinnati, O
Mountville Mfg. Co. ("Reliable" Hand Bone), Mountville, Pa.
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Pratt Wm. E. Mfg. Co. ("Adams"), 35 W Lake, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. cor 4th av & 1st, Baltimore, Md.
Standard Bone Cutter Co., Milford, Mass.
Stearns E. C. & Co. ("Mann's Improved") ("Stearns"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. & Engine Co. ("Stover"), Freeport, Ill.
Stratton Mfg. Co. ("Dandy"), Erie, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.
Willis F. C. & Co., 565 W Washington blvd, Chicago, Ill.
WILSON BROS. (Hand & Power Bone), Easton, Pa. *See adv index at end of book*

Mills (Boring & Turning, Vertical)

See Boring & Turning Machines, Vertical

9768— Mills (Brass Cinder)

Sly W. W. Mfg. Co., 4700 Train av, Cleveland, Ohio
Standard Equipment Co., 185 Church, New Haven, Conn.
Whiting Corp., Dept. H. Harvey, Ill.

9769— Mills (Buhr Stone)

Barnard & Leas Mfg. Co. (French Buhr), Moline, Ill.
BARTLETT C. O. & SNOW CO., (Vertical & Horizontal), French, Cleveland, O.
See adv index at end of book
Blymyer Iron Works Co., Cincinnati, Ohio
Campbell P. F., 51 Laurel, Phila., Pa.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Ehrsam J. B. & Sons Mfg. Co. (Vertical), Enterprise, Kans.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
New Winona Mfg. Co. ("Diamond" French), Winona, Minn.
Nordyke & Marmon Co. (All Kinds), Kentucky av & Morris, Indianapolis, Ind.
Patterson Foundry & Machine Co., East Liverpool, O.
Robinson Mfg. Co., Muncy, Pa.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Simpson-Orville Co., Cincinnati, Ohio
Sprout Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Starr B. F. Co. (For Flour & Corn Mills), 445 Guilford av, Baltimore, Md.
Walker & Elliott, Wilmington, Del.

Mills (Car Wheel Boring)

See Boring Machines, Car Wheel

9770—Mills (Charcoal Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50 G Church, New York. *See adv index at end of book*
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Wilson Bros., Easton, Pa.
See adv index at end of book

9771— Mills (Chaser)

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Thropp's John E. Sons Co., Ft. of Lewis, Trenton, N. J.

9772— Mills (Chilian)

Allis-Chalmers Mfg. Co. (Pulverizing), Milwaukee, Wis.
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Hallidie Co. (Slow Speed), Spokane, Wash.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
WELLMAN-SEAVER-MORGAN CO. ("Akron"), Cleveland, O.
See adv index at end of book
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

9773— Mills (Chlorination)

Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

9774—Mills (Cider & Cider Presses)

Ames Plow Co., Quincy Hall, Boston, Mass.
American Seeding Machine Co. ("Buckeye" Mills), Springfield, Ohio
Cevasco, Cavagnaro & Ambrette Inc. (Hand Presses Only), 156 6th, Brooklyn, N. Y.
Cutaway Harrow Co., Higganum, Conn.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Eagle Machine Co. (Presses), Lancaster, O.
Farquhar A. B. Co. (Ltd.), (Mills & Hydraulic Presses), York, Pa.
Freeman Mfg. Co., Racine, Wis.
Greenville Implement Co., Greenville, Mich.
Hench & Drongold Co., York, Pa.
Hydraulic Press Mfg. Co. (Hydraulic Presses), Mount Gilead, O.
Kelso & Co. (Presses), 559 W Quincy, Chicago, Ill.
Keystone Machine Co., York, Pa.
Lansing Co. (& Lard), Lansing, Mich.
Standard Metalwork Co., Thompsonville, Conn.
Thomas Albright Co. (Hydraulic Presses), Goshen, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
White's S. R. Sons ("Valley Chief") Norfolk, Va.

Mills (Cinder)

See Mills, Water Cinder

9775— Mills (Cocoa)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Bauer Bros. Co., Bauer bldg, Springfield, O.

9776—Mills (Coffee or Spice)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Angidile Computing Scale Co., Elkhart, Ind.
Arcade Mfg. Co. ("Crystal" & 70 Other Varieties of Family Coffee Mills), Freeport, Ill.
Bauer Bros. (Spice Only), Bauer bldg, Springfield, O.
Bay Gottfried, 537 W 50th, New York
Braun Co. ("Coles," Coffee Electric), 1625 N 23rd, Phila., Pa.
Brecht Co. ("Brecht" Spice), 1201 Cass av, St. Louis, Mo.
Brown A. & F. Co. ("Cogswell," for Spices Only), 79 Barclay, New York.
Burns & Sons, Jabez (Grinders & Roasters), 600 W 43rd, New York
Campbell P. F. (Grocers' & Horse Power), 51 Laurel, Phila., Pa.
Clawson Mach. Co., Flagtown, N. J.
Computing Scale & Fixture Co., 303 E 4th, Cincinnati, O.
Crescent Mfg. Co. ("Crescent" Box & Wall), Louisville, Ky.
Deer A. J. Co. (Electric Coffee), Hornell, N. Y.
Electric Cut Mfg. Co. (Coffee Mills), Canton, O.
Enterprise Mfg. Co. (of Pa.), ("Enterprise" Hand & Electric Power), 3d & Dauphin, Phila., Pa.
Geddes James & Co. (Electric Coffee), 353 Market, San Francisco, Cal.
Hobart Mfg. Co. ("Hobart" Electric & Gasoline Coffee Mills), Troy, O.
Holwick B. C., Canton, O.
Howe Scale Co. (Electric), Rutland, Vt.
Huntley Mfg. Co., Silver Creek, N. Y.
Landers, Frary & Clark ("Crown," "Universal" & "Regal" Coffee Mills), New Britain, Conn.
Lane Bros. Co. ("Swift" Electric), Poughkeepsie, N. Y.
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
Mirroscope Co. ("Household," "Monitor," "None Such"), 168th & Waterloo, Cleveland, O.
National Specialty Mfg. Co., Lehigh av & 3d, Phila., Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Parker Chas. Co. (Store & Household use), Meriden, Conn.
Ross Chas. & Son Co. (Spice), 148 Classon av, Brooklyn, N. Y.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Smith's Jno. E. Sons Co. (Spice Mills), Buffalo, N. Y.
Steiner Mfg. Co. ("Steiner" Electric), 4100 N 21st, St. Louis, Mo.
Stimpson Scale & Electric Co. (Grocers' Hand & Electric Power), Northville, Mich.
Sun Mfg. Co. ("Sun" Family Coffee Mills), Columbus, O.
Troemner Henry, 911 Arch, Philadelphia, Pa.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros., Easton, Pa.
See adv index at end of book
Woodruff & Edwards Co. ("Elgin National"), Elgin, Ill.
Wrightville Hardware Co. ("Premier," "Peerless," "Perfect," "Queen," "Diamond," "Acme," "American Beauty" & "Brighton Star," all one pound Wall Mills; also "Colonial," "Brighton," "Sterling," "Excelsior," "Century," "L & S," Side Mills; "Brighton," "Domestic" & "Monarch" Hand or Power Spice & Corn Mills), Wrightsville, Pa.

9777— Mills (Cold Rolling)

Blake & Johnson Co. (For Flattening Wire), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
Standard Machinery Co., Providence, R. I.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

Mills (Concentrating)

See Mills, Stamp

Mills (Conical)

See Mills, Grinding & Crushing

9778— Mills (Continuous)

See also Rolling Mills, Continuous

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

9779— Mills (Cork Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

9780— Mills (Corn & Cob)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Corn Mills), Milwaukee, Wis.
American Corn Mill Co., Winston-Salem, N. C.
Appleton Mfg. Co. ("American," "Tornado," "Cyclone"), Batavia, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Baker Mfg. Co. ("Monitor"), Evansville, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Barry & Zecher Co. ("B. & Z." "Eureka"), Lancaster, Pa.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bell C. S. Co. ("Omego" Power), Hillsboro, O.
Blymyer Iron Works Co., Cincinnati, O.
Bovee Furnace Works ("Four Burr"), Waterloo, Ia.
Bowsher N. P. Co. ("Bowsher" Combination) South Bend, Ind.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works: Elizabeth, N. J.
Burgess & Norton Mfg. Co. ("Kenyon" Corn Crushers), Geneva, Ill.
Challenge Co., Batavia, Ill.
Chapman H. L. Marcellus, Mich.
Cole R. D. Mfg. Co., Newman, Ga.
Dain Mfg. Co., Ottumwa, Ia.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Duplex Mfg. Co. ("Jewell," "Superior"), Superior, Wis.
Duplex Mill & Mfg. Co. ("Kelly," "Duplex," 2 to 20 H. P.), Springfield, O.
Engelberg Huller Co., Syracuse, N. Y.
Excel Mfg. Co., Pottersville, N. J.
Excelsior Foundry Co., Belleville, Ill.
Freeman Mfg. Co., Racine, Wis.
Gade Bros. Mfg. Co. ("Rankin"), Iowa Falls, Ia.
Gray Iron Casting Co. ("Bayley"), Springfield, O.
Great Western Mfg. Co. (Corn Only), Leavenworth, Kans.
Gruendler Patent Crusher & Pulverizer Co. (Ear Corn), 912 Main, St. Louis, Mo.
Gump, B. F. Co., 431 S Clinton, Chicago, Ill.
Harriman Mfg. Co., Harriman, Tenn.
International Harvester Company of America (Inc.) ("International"), Harvester Building, Chicago
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Keystone Machine Co., York, Pa.
Kingston Milling Co. (Corn), Kingston, Ark.
Lafayette Corn Flour Mills, Lafayette, Ind.
Lassiter C. J., Raleigh, N. C.
Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.
Letz Mfg. Co. ("Bull Dog" Combine), Crown Point, Ind.
Litchfield Mfg. Co., Waterloo, Ia.
Marseilles Works of Deere & Co. ("Advance," "Marseilles," "Workwell"), East Moline, Ill.
Miller L. J. ("Nonpareil"), 1223 Harrison av, Cincinnati, O.
Munson Mill Machinery Co. (Corn), Utica, N. Y.
New Holland Machine Co. ("New Holland"), New Holland, Pa.
New Williams Mill Co., Inc., North Wilkesboro, N. C.
New Winona Mfg. Co. ("Diamond," "Big Iowa"), Winona, Minn.
Nordyke & Marmon Co. ("Harrison"), Kentucky av & Morris, Indianapolis, Ind.
Perkins Wind Mill Co., Mishawaka, Ind.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Robinson Mfg. Co. ("Iron Clad" Corn Ear Crusher), Muncy, Pa.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Rumely Leo Tractor Co. ("Rainbow"), La Porte, Ind.
Sandwich Mfg. Co. ("Reliance"), Sandwich, Ill.
Savage W. J. Co., Knoxville, Tenn.
Smalley Mfg. Co., Manitowoc, Wis.
Spartan Mfg. Co. ("Corn Belt"), Pontiac, Ill.
Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Squier Geo. L. Mfg. Co. (Belt Corn), B'way & Mortimer, Buffalo, N. Y.
Squibb-Carter-Squibb Co., Lawrenceburg, Ind.
Starr B. F. Co. ("Star" Corn), Guilford av & Center, Baltimore, Ind.
Sterling Mfg. Co. ("Sterling"), Sterling Ill.
Stover Mfg. & Engine Co. ("Ideal," Power Mills), Freeport, Ill.
Straub A. W. Co. (Quaker City), 3741 Filbert, Phila., Pa.
Strong-Scott Mfg. Co. ("Northway" Power), 413 S 3rd, Minneapolis, Minn.
Superior Mfg. & Mill Co., Springfield, O.
Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
Union Fdry. & Machine Co. ("Union Giant"), Ottawa, Kans.
U. S. Wind Engine & Pump Co. (Ultimatum), Batavia, Ill.
Whitehurst R. W. Mfg. Corp. (Corn), Norfolk, Va.
Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.
WILSON BROS., Easton, Pa.
See adv index at end of book
Wolf & Co. ("Hercules," "Wolf," "Bison" & "Mammoth"), Chambersburg, Pa.

9780a—*Mills (Corn & Graham)

WILSON BROS. (Hand & Power), Easton, Pa. *See adv index at end of book*

9780b—Mills (Cottonseed & Linseed (Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Robinson Mfg. Co., Muncy, Pa.

9781— Mills (Cyanide)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Gold & Silver Mining), Milwaukee, Wis.
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Chalmers-Williams Mfg. Co., 1461 Arnold, **Chicago Heights, Ill.**
Denver Engineering Works Co., Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Moyle E. H. Engng. & Eqmpt. Co., ("Moyle"), 508 E 9th, Los Angeles, Cal.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

Mills (Disintegrating)

See Disintegrators

9782— Mills (Drug)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Alsing J. R. Co., 75 Guernsey, B'klyn, N. Y.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bay Gottfried, 537 W 50th, New York
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Campbell P. F., 51 Laurel, Phila., Pa.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Day J. H. Co., Cincinnati, O.
Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Landers, Frary & Clark, New Britain, Conn.
Lane Bros. Co. ("Swift"), Poughkeepsie, N. Y.
Mead & Co., 19th & M. CM. RR., Detroit, Mich.
National Specialty Mfg. Co., 3d & Lehigh av, Philadelphia, Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Parker Chas. Co., Meriden, Conn.
Patterson Foundry & Machine Co., E Liverpool, O.
Prosser Thos. & Son ("Krupp" Imp) 15 Gold, New York
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Straub A. W. Co., 3741 Filbert, Phila., Pa.
Waterville Fdry. & Mfg. Co., Waterville N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros. ("Assayers"), Easton, Pa.
See adv index at end of book

9783—Mills (Dry Color Grinding)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

9784— Mills (Dye Stuff)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Excel Mfg. Co., Pottersville, N. J.
Ross Chas. & Son Co., 148 Classon av. Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.

9785— Mills (Emery Rock)

Abbe Paul O. Inc. (Grinding), 925 Johnston bldg, New York
See adv index at end of book
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

9786— Mills (End)

See also Cutters, Milling

Am. Twist Drill & Tool Co. (Steel & Taper Shank), W Jefferson av & 21st, Detroit, Mich.
Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co. (Spiral Fluted, etc.), Hyde Park, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Clark Mesker Co., 18511 Euclid av, Cleveland, O.
Cleveland Cutter & Reamer Co. The. 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Fastfeed Drill & Tool Corp., Toledo, O.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
International Machine Tool Co., Society for Savings Bldg., Cleveland, O.
Lincoln Twist Drill Co., Taunton, Mass.
McCulloch A. P., Machine Co., 216 High, Boston, Mass.
Morse Twist Drill & Machine Co. ("Morse" With Center Cut & With Spiral Flutes, etc), New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National," with Spiral Flutes, etc), Detroit, Mich.
Porter-Cable Machine Co. (Straight Shank), Syracuse, N. Y.
Pratt & Whitney Co. (Center Cut, Shell & Taper Shank), Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
Standard Tool Co. (Straight Fluted, Spiral & Center Cut), 6700 Central av, Cleveland, O.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.
U. S. High Speed Steel & Tool Corp., ("Challenger"), 489 5th av, New York
Watervliet Tool Co., Inc., Albany, N. Y.

9787—Mills (Exhaust Tumbling)

Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Dayton-Dowd Co. ("Reliable"), Quincy, Ill.
Whiting Corp., Dept. H, Harvey, Ill.

9788— Mills (Fanning)

American Grain Separator Co. ("X-L"), Erie & S E Essex, Minneapolis, Minn.
Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agric. Tool Co. ("Johnson"), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co. ("B & G"), 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Pennsylvania"), Elizabethtown, Pa.
Cleland Mfg. Co. ("Cleland Special," "Expert"), 280 Washington av, N, Minneapolis, Minn.
Dickey A. P. Mfg. Co. ("Dickey," "Improved Excelsior," "Little Giant," "Young Giant"), Racine, Wis.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Fosston-Carpenter Co. ("New Fosston"), St. Paul, Minn.
Foster & Williams Mfg. Co. ("Badger State"), Racine, Wis.
Freeman Mfg. Co. ("Centennial"), Racine, Wis.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Harder Mfg. Co., Cobleskille, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.
Huntley Mfg. Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Canton," "Clipper," "Eclipse," "Excelsior," "Farmers' Favorite," "Mt. Hood," "Peerless," "Perfection," "Racine"), Racine, Wis.
Kingman & Co., Peoria, Ill.
Linihan M. E., Kalamazoo, Mich.
Manson Campbell & Sons Co., Kansas City, Mo.

MILLS (FANNING)—continued

Marseilles Works of Deere & Co. ("Pease"), East Moline, Ill.
Messinger Mfg. Co., Tatamy, Pa.
Monmouth Plow Factory, Monmouth, Ill.
Nagley Mfg. Co. ("Lyons"), Lyons, N. Y.
Owatonna Fanning Mill Co. ("Owatonna"), Owatonna, Minn.
Owens J. L. Co. ("Champion," "Dakota," "New Superior"), Fulton & S E Huron, Minneapolis, Minn.
Racine Implement Co. ("Belle City"), Racine, Wis.
Rumley Leo Tractor Co. ("Rainbow"), La Porte, Ind.
Success Seed Grader Co., Spokane, Wash.
Twin City Separator Co. ("Bonanza," "Hero," "Success"), 29th & Colfax av, S, Minneapolis, Minn.
Vaughn Mfg. Co., Morris, Minn.
Weber Mfg. Co., Rockton, Ill.

9789—* Mills (Fanning-Sieves & Screens)

ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book

9790-1—Mills (Feed Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Aermotor Co., 2500 W 12th, Chicago, Ill.
Allis-Chalmers Mfg. Co. (Farm, Grist, Belt, Hand, Horse Powers, Sweep), Milwaukee, Wis.
Althouse-Wheeler Co., Waupum, Wis.
Appleton Mfg. Co. ("Appleton," "Hero," "American"), Batavia, Ill.
Associated Mfrs. Co., Waterloo, Ia.
Baker Mfg. Co., Evansville, Wis.
Barnard & Leas Mfg. Co. ("Barnard's" Ball Bearing, Belt Power, etc), Moline, Ill.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bayley Wm. Co., Springfield, Ohio
BEACH-RUSS CO. ("Abbe"), 50G Church New York. *See adv index at end of book*
Bell C. S. Co. ("Power", "W. Lype", Ball Bearing), Hillsboro, Ohio
Blue Valley Mfg. Co., Manhattan, Kan.
Blymyer Iron Works Co., Cincinnati, Ohio
Bovee Furnace Works, Waterloo, Iowa
Bowsher N. P. Co. (Combination), South Bend, Ind.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 153 Carroll av, Chicago, Ill.
Brown A. & F. Co., 79 Barclay, New York.
Challenge Co. ("Challenge"), Batavia, Ill.
Chamberlain Machine Works, Waterloo, Ia.
Columbus Iron Works, Columbus, Ga.
Cooper A. A. Wagon & Buggy Co., Dubuque, Iowa
Currie Wind Mill Co., Topeka, Kans.
Dain Mfg. Co., Ottumwa, Iowa
Decatur Foundry, Furnace & Machine Co., Decatur, Ind.
Dempster Mill Mfg. Co., Beatrice, Neb.
Deshler Fdry. & Mch. Wks., Deshler, O.
Duplex Mfg. Co., Station "B," Superior, Wis.
Duplex Mill & Mfg. Co. ("Kelly," "Duplex" 2 to 20 H. P.), Springfield, O.
Dutton E. Q. & Co., Cato, N. Y.
Eagle Machine Co., Lancaster, Ohio
Elgin Wind Power & Pump Co., Elgin, Ill.
Eureka Fence Mfg. Co., Richmond, Ind.
Excel Mfg. Co., Pottersville, N. J.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Globe Co., Sheboygan, Wis.
Great Western Mfg. Co., Leavenworth, Kans.
Gray Iron Casting Co., Springfield, Ohio
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harriman Mfg. Co., Harriman, Tenn.
Heebner & Sons, Lansdale, Pa.
Hercules Mfg. Co., Centerville, Iowa
Howell R. R. & Co., 31st av, Minneapolis, Minn.
International Harvester Company of America (Inc.), ("International", "Meadows Mills"), Harvester bldg, Chicago
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kaestner & Hecht Co. (Inc.), 500 Throop, Chicago, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Keystone Machine Co., York, Pa.
Lansing Motor & Pump Co., Lansing, Mich.
Letz Mfg. Co., Crown Point, Ind.
Litchfield Mfg. Co., Waterloo, Iowa
Marseilles Works of Deere & Co., East Moline, Ill.
Martin M. R., St. Louis Park, Minn.
Messinger Mfg. Co., Tatamy, Pa.
Miller L. J., 1223 Harrison av, Cincinnati, O.
Moore, Given Co. ("Moore"), Spring Valley, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Munson Mill Machinery Co., Utica, N. Y.
New Winona Mfg. Co. ("Diamond"), Winona, Minn.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Patch A. H., Clarksville, Tenn.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Quick & Thomas Co., Auburn, N. Y.
Red Chief Mfg. Co. ("Red Chief"), Louisville, Ky.
Reschke Machine Works Co. ("Rescke"), Wichita, Kans.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Roberts Thos., Springfield, O.
Robinson Mfg. Co., Muncie, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Romick Mill Furnishing Co., Niles, Ohio
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Sharp L. C. Mfg. Co., Plattsmouth, Neb.
Silver Mfg. Co. (Sweep, Power), No. 256, Salem, O.
Simpson-Orville Co., Cincinnati, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Spartan Mfg. Co. ("Corn-Belt"), Pontiac, Ill.
Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Farquhar A. B. Co. Ltd., York, Pa.
Keiser Geo. & Co., Muncie, Ind.
Star Mfg. Co. (Sweep & Belt Power), New Lexington, Ohio
Starr B. F. Co. ("Star"), Guilford av & Center, Baltimore, Md.
Sterling Mfg. Co., Sterling, Ill.
Stover Mfg. & Engine Co. ("The Ideal," also with Horse Power Combined), Freeport, Ill.
Straub A. W. Co., 3741 Filbert, Phila., Pa.
Superior Mfg. & Mill Co., Springfield, Ohio
Swift Mfg. Co. ("Swift"), Waterloo, Iowa
Thornburgh Mfg. Co. (Triple Geared & Direct Acting Sweep), Bowling Green, Ohio
Turner Mfg. Co., Port Washington, Wis.
United Engine Co., Lansing, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Watts Mfg. Co., Jackson, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.
WILSON BROS., Easton, Pa.
See adv index at end of book
Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.
Wolf Co. ("Bowsher," "Jumbo," "Wolf" & "Tiger Combination"), Chambersburg, Pa.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
Worthington Pump & Mach'y Corp, 115 B'way, New York
See adv index at end of book
Ypsilanti Machine Works, Ypsilanti, Mich.

9792— Mills for Enamel

ABBE PAUL O. INC., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Ross Chas. & Son Co. ("Eccentric"), 148 Classon av, Brooklyn, N. Y.

9793-4—Mills for Grinding Chemicals

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Gump, B. F. Co., 431 S Clinton, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O
See adv index at end of book
Kent Mill Co. ("Maxecon"), 10H, Rapelyea, Brooklyn, N. Y.
Mead & Co., 19th & M. CM. RR., Detroit, Mich.
Mine & Smelter Supply Co. ("Marcy"), 42H B'way, New York
Olson & Tilgner Mfg. Co., 2280H Elston av, Chicago, Ill.
Robinson Mfg. Co., Muncy, Pa.

9795— Mills (Glaze)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Hadfield-Penfield Steel Co. (The) (Under Gear), Bucyrus, O.
See adv index at end of book

9796— Mills (Glue Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

9797—Mills (Grinding & Crushing)

See also Machinery, Pulverizing

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Acton John, 118 John, Brooklyn, N. Y.
BARTLETT C. O. & SNOW CO., Fall st., Cleveland, O. *See adv index at end of book*
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bay Gottfried 537 W 50th, New York
BEACH-RUSS CO. ("Abbe"), 50G Church, New York. *See adv index at end of book*
Braddock Manufacturing Co., Braddock, Pa.
Bradley Pulverizer Co. ("Griffin" "Bradley Thee Roll" "Bradley Hercules" for grinding only), Allentown, Pa.
Brainard Pulverizer Co., Old Colony bldg., Chicago, Ill.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York.
Campbell P. F. (For Drugs, Fertilizers, Whiting, etc), 51 Laurel, Phila., Pa.
Carey Samuel (Salt), 17 State, New York
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Day J. H. Co. ("Day's Little Giant Salt" for Soft Ores, Clays, Dry Colors, etc.), Cincinnati, O.
Denver Engineering Works Co., Denver, Colo.
Excel Mfg. Co., Pottersville, N. J.
FALK CORP., Ft. 30th, Milwaukee, Wis.
See adv index at end of book
Fuller-Lehigh Co. ("Fuller-Lehigh" for Cement, Ore, Rock, etc.), Fullerton, Pa.
Geijsbeek Engineering Co. (Fine), Burke bldg, Seattle, Wash.
Gray Iron Casting Co., Springfield, O.
Gump B. F. Co. (Flour, Drug, Chicory, etc.), 43 S Clinton, Chicago, Ill.
Hardinge Conical Mill Co. (Conical), 120 Broadway, New York
Hadfield-Penfield Steel Co. (The) (Glaze & Color Grinding), Bucyrus, O.
See adv index at end of book
International Metal Reclaiming Corp. ("Monarch" Conical), 220 Broadway, New York
Ivens Wm. H. Sons Co. (for Terra Cotta, Pottery & Marble Workers, for Grinding Only), P. O. Box 647, Trenton, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Kaestner & Hecht Co. (Inc.), (Portable), 500 Throop, Chicago, Ill.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Lane G. W. & C. A., Exeter, N. H.
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill.
See adv index at end of book
Marathon Mill & Machy. Wks. ("Johnson" Marathon Multiple Roll Grinding or Tube Mill), 38 S Dearborn, Chicago, Ill.
Mead & Co., 19th & M. CM. RR., Detroit, Mich.
Midland Crusher Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.
Miller L. J. (Bone, Grain, Salt, Oil Cake, etc.), 1223 Harrison av, Cincinnati, O.
Mine & Smelter Supply Co. ("Marcy"), 42H B'way, New York
Moyle E. H. Engineering & Equipment Co., Los Angeles, Cal.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Newell Mfg. Co., 149 B'way, New York
Nordyke & Mormon Co. (Roller & Buhr Stone), Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Patterson Fdry & Mach. Co., E. Liverpool, O.
Pennsylvania Crusher Co., Stephen Girard bldg., Phila., Pa.
Prosser Thos. & Son ("Krupp" Imp.), 15 Gold, New York
Raymond Bros. Impact Pulverizer Co., 1346 N Branch, Chicago, Ill.
Robinson Mfg. Co., Muncy, Pa.
Ross Chas. & Son Co. (French Buhr), 148 Classon av, Brooklyn, N. Y.
Ross E. W. Co. ("Superior Duplex" Grinding), Springfield, O.
Simpson-Orville Co., Cincinnati, O.
Smith Theo. & Sons Co., Ft. Essex, Jersey City, N. J.
Sprout, Waldron & Co. (Paint, Cement, Casein, Phosphate, Fuller's Earth, Cottonseed Oil Cake, etc), Muncy, Pa.
Standard Equipment Co. (For Cinders, Ore, Glass, Soft Rock, Coal Cement, Slag, Skimmings, Sweepings, etc.), 135 Church, New Haven, Conn.
Starr B. F. Co. (For Flour & Corn Mills), 445 Guilford av, Baltimore, Md.
Stearns-Roger Mfg. Co., Denver, Colo.
Stedman's Foundry & Machine Works, Aurora, Ind.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Sturtevant Mill Co. (Cement, Lime, Paint, etc), Clayton & Park, Dorchester, Boston, Mass.
Thropp's, John E. Sons Co., Ft. of Lewis, Trenton, N. J.
United Iron Works Inc. ("Emerick" Cement), Kansas City, Mo.
Walker & Elliott (Fertilizer, Cement, Phosphate, etc.), Wilmington, Del.
Waterville Foundry & Mfg. Co. (Paint, etc, Hand & Power), Waterville, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.
WILSON BROS. (Bone), Easton, Pa.
See adv index at end of book
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp. (Machinery), 115 B'way, New York
See adv index at end of book

9798—Mills (Grist, Hand Power)

Bayley Wm. Co., Springfield, O.
Bell C. S. Co. ("Model"), Hillsboro, Ohio
Fate-Root-Heath Co. ("Rapid" & "Korn King"), Plymouth, O.

Maybro Co. ("Maybro"), 80H Exchange, Binghamton, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.

Mills (Hay Grinding)

See Mills, Feed Grinding

9799— Mills (Hollow)

See also Mills, Adjustable Hollow

Brown & Sharpe Mfg. Co. (With Inserted Blades, etc.), Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Geometric Tool Co. ("Geometric," "Adjustable"), New Haven, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Tool Co. (Adjustable Solid, Cleveland, O. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.

9800— Mills (Huntington)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Mine & Smelter Supply Co., 42 B'way, New York
Walker Mfg. Co., Denver, Col.

9801— Mills (Ink Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Black-Clawson Co., Hamilton, O.
Day J. H. Co., Cincinnati, O.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Ross Chas. & Son, 148 Classon av, Brooklyn, N. Y.
Specialty Shop The, 251 Minna, San Francisco, Calif.
See adv index at end of book

Mills (Iron Cinder)

See Mills, Water Cinder

9802— Mills (Jar)

ABBE PAUL O., INC., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church New York. *See adv index at end of book*
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

9803—Mills (Kaffir Corn & Milo Maize)

Bowsher N. P. Co. ("Bowsher" Combination), South Bend, Ind.
Letz Mfg. Co., Crown Point, Ind.
Stover Mfg. & Engine Co., Freeport, Ill.
Wolf Co., Chambersburg, Pa.

9804— Mills (Laboratory)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Day J. H. Co., Cincinnati, O.
Jeffrey Mfg. Co., 961 No 4th, Columbus, O.
See adv index at end of book

9805—Mills (Leather Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

9805a— Mills (Lime Grinding)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

9806— Mills (Malt)

American Malting Co., 120 B'way, New York
Aue Ferdinand Co. (Non-Explosive), 401 E 91st, New York
Barnard & Leas Mfg. Co., Moline, Ill.
Fleischmann Co., 419 Plum, Cincinnati, O.
Freund H. H. ("S. B. B. Universal," Imported), 7 W 45th, New York
Hehle B., Malt Milling System Co., 208 Lawrence, Cincinnati, O.
Kaestner & Hecht Co. ("Kaestner" Non-Explosive), 500 Throop, Chicago, Ill.
Kam John, Malting Co., 377 Genesee, Buffalo, N. Y.
Meyer Geo. J. Malting Co., 1316 Niagara Buffalo, N. Y.
New York Mills (Roasting), 458 Greenwich, New York
Olsen & Tilgner Mfg. Co. (All Iron Non-Explosive), 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Schurill Albert & Co., Traders bldg, Chicago, Ill.
U. S. Malt Co. (Roasted & Carmelized in solid or liquid form), 309 Broadway, New York

9807— Mills (Mustard)

Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Bay Gottfried, 537 W 50th, New York
Kelso & Co., 557 W Quincy, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

9808— Mills (Nut Grinding)

Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*

9809— Mills (Oil Cake)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Bauer Bros. Co. ("Scientific" Grinding), Bauer bldg., Springfield, O.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Buckeye Iron & Brass Works, Dayton, O.
Campbell P. F., 51 Laurel, Phila., Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Excel Mfg. Co., Pottersville, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
McLaughlin Geo. T. Co., 120 Fulton, Boston, Mass.
Murray Co., Dallas, Texas
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co. ("Monarch" Attrition & French Buhr), Muncy, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

9810— Mills (Ore Sampling)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Denver Quartz Mill & Crusher Co., Denver, Colo.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Kent Mill Co. ("Maxecon"), 10H Rapelyea, Brooklyn, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Walker Mfg. Co., Denver, Col.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

Mills (Paint Grinding)

See Paint Grinding & Mixing Machinery

Mills (Pebble Tube)

See Mills, Ball & Pebble

9811— Mills (Plate Rolling)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co., Avonmore, Pa.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.

9812— Mills (Prospecting)

Moyle E. H. Engng. & Equipt Co. ("Moyle"), 508 E 9th, Los Angeles, Cal.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Mach'y Corp., 115 B'way, New York
See adv index at end of book

9813— Mills (Pug)

Anderson Foundry & Machine Works, Anderson, Ind.
Arbuckle & Co., Rushville, Ind.
Arnold-Creagor Co., New London, O.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bonnot Co., Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Chambers Bros. Co., 52d, bel Lancaster av, Phila., Pa.
Crossley Machine Co. (Sagger Presses), State & Chestnut av, Trenton, N. J.
Freese E. M. & Co., Galion, O.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Potts C. & A. Co., Indianapolis, Ind.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Steele J. C. & Sons, Statesville, N. C.
Stevenson Co., Wellsville, O.
United Iron Works Inc., Kansas City, Mo.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.

9813a— Mills (Pulverizing)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Kent Mill Co. ("Maxecon"), 10H Rapelyea, Brooklyn, N. Y.

9814— Mills (Quartz)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
ABBE ENGINEERING CO., 216-224 B'way, New York *See adv index at end of book*
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Denver Engineering Works Co., Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Golding Sons Co., Trenton, N. J.
Hassell Iron Works Co., Colorado Springs, Colo.
Hendy Joshua Iron Works (Central Feed Centrifugal Boiler), 75 Fremont, San Francisco, Cal.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Kent Mill Co. ("Maxecon"), 10H Rapelyea, Brooklyn, N. Y.
McFarlane-Eggers Machinery Co., Denver, Colo.
Patterson Foundry & Machine Co., East Liverpool, O.
Stearns-Roger Mfg. Co., Denver, Colo.
Walker Mfg. Co., Denver, Colo.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Worthington Pump & Mach'y Corp., 115 Broadway, New York
See adv index at end of book

9815— Mills (Rice)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Excel Mfg. Co., Pottersville, N. J.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Sprout, Waldron & Co. (Polishers, Shelling Stone, Octagon Reels, Polishing Brushes, Trumbles, Separators, Chaff Grinders), Muncy, Pa.
Squier Geo. L. Mfg. Co. ("Buffalo"), 490 Broadway, Buffalo, N. Y.

9816— Mills (Rice Chaff)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Bauer Bros. Co., Bauer bldg, Springfield, O.

9816a— *Mills (Rod)

See also Mills, Ball & Pebble

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

9817—Mills (Roller Grinding)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Excel Mfg. Co. (For Graham Flour, etc), Potterville, N. J.
Great Western Mfg. Co. (Also Roller Feed), Leavenworth, Kan.
Hoagland's M. Sons Co., Rockaway, N. J.
Nordyke & Marmon Co. (Double Two Pair, High Six Roller, etc.), Kentucky av & Morris, Indianapolis, Ind.
Simpson-Orville Co. (Corn & Wheat), Cincinnati, O.
Sprout, Waldron & Co. (Double Roller, Two-Pair & Three-Pair High, All Sizes), Muncy, Pa.
Walker Mfg. Co. (Patent Grinding), Denver, Colo.
Wolf Co., Chambersburg, Pa.

9818-9— Mills (Rosin)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York *See adv index at end of book*
Mackintosh-Hemphill Co., 12th & Etna, Pitsburgh, Pa.
See adv index at end of book
Barnett Oscar Foundry Co. (Automatic), Irvington, N. J.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Sly W. W. Mfg. Co., 4700 Frain av, Cleveland, O.

9820— Mills (Scroll)

Wolf Co. ("Draver" & "Mitchell"), Chambersburg, Pa.

9821—*Mills (Sheet & Tin Plate)

Blaw Knox Co. (Specialties), Freeport rd, Hoboken, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

9822— Mills (Shell End)

Am. Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Barber-Colman Co., Rockford, Ill.

MILLS (SHELL END)—continued
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cowles Tool Co.,2086 W 110th, Cleveland, O.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av, New York

9823— Mills (Slabbing)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.

9823a— Mills (Snuff Grinding)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*

9823b— Mills (Soap Powder)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Houchin-Aiken Co., 113 53d, B'klyn, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

9823c— Mills (Spheroidal)

Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

9823d— Mills (Spice Grinding)

Abbe Paul O. Inc., 924 Johnston bldg., New York. *See adv index at end of book*
Robinson Mfg. Co., Muncy, Pa.

9824-5— Mills (Stamp)

Allis-Chalmers Mfg. Co. (Steam, Gravity & Atmospheric), Milwaukee, Wis.
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Ashland Iron Works, Ashland, Oregon
Caird Engineering Works, Helena, Mont.
Chalmers-Williams Mfg. Co. (Stamp Batteries & Accessories), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works, Denver, Colo.
Hallidie Co., Spokane, Wash.
See adv index at end of book
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Lombard Iron Wks. & Supply Co., Augusta, Ga.
McFarlane-Eggers Machinery Co., Denver, Colo.
McFarlane Mfg. Co., Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co., 42 B'way, New York
Moyle E. H. Engineering & Equipment Co. ("Moyle" Portable Heavy Duty), 508 E. 9th, Los Angeles, Cal.
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Portage Lake Fdry & Mach Co., Hancock, Mich.
Stearns-Roger Mfg. Co., Denver, Col.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Trent Engineering & Machinery Co., Salt Lake City, Utah
Union Iron Works, Spokane, Wash.
Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.
Walker Mfg. Co., Denver, Col.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Worthington Pump & Mach'y Corp., 115 Broadway, New York
See adv index at end of book

9826— Mills (Structural)

Alliance Structural Co., Alliance, O.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.

9827— Mills (Sugar Cane)

Bahmann Iron Works Co., Cincinnati, O.
Bell C. S. Co. ("Western" Sweep & Power, "Poderoso", "America", "Delta", "Tropic", "Monitor", "Globe", "Globe Special", "Jumbo", "Climax", "Atlas", "Monarch", "Progress", "Trojan"), Hillsboro, O.
Birmingham Mach. & Fdry Co., Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Buffalo Foundry & Machine Co. (Hydraulic), Buffalo, N. Y.
See adv index at end of book
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh, N. Y.
Columbus Iron Works, Columbus, Ga.
Cook Cane Mill & Evaporator Co. (For Sorghum), 200 N 2d, St. Louis, Mo.
Dibert, Bancroft & Ross Co. (Ltd.), Tulane & Hagan av, New Orleans, La.
Dyer Co., 2031 Euclid av, Cleveland, O.
Excelsior Foundry Co., Belleville, Ill.
Farrel Foundry & Machine Co., Ansonia, Conn.
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
Golden's Fdry & Mach. Co., Columbus, Ga.
Haubtman & Loeb Co. Ltd., 618 Magazine, New Orleans, La.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton"), Hamilton, Ohio.
See adv index at end of book
Janney & Co., Montgomery, Ala.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Kehoe Iron Works, Savannah, Ga.
Krajewski-Pesant Corp., 50 Broad, New New York
Lombard Iron Works & Supply Co., Augusta, Ga.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Mobile Stove & Pulley Mfg. Co., Dept. H, Mobile, Ala.
NAZARETH FOUNDRY & MACHINE CO., Nazareth, Pa., & 106 Front, New York
O'Neil Iron Works Inc., 268 Perry, Buffalo, N. Y.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pratt Engineering & Machine Co., Atlanta, Ga.
Reading Iron Co., Reading, Pa.
Rourke John & Sons, Savannah, Ga.
Schofield's J. S. Sons Co., Macon, Ga.
Southern Plow Co. ("Columbus," "Standard," "Horizontal"), Columbus, Ga.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Sumner Iron Works, Everett, Wash.
Swoop Julian M., 913 Girod, New Orleans, La.
Thomasville Iron Works, Inc., Thomasville, Ga.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitney Iron Works Co., 349 Tchoupitoulas, New Orleans, La.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

9828— Mills (Swing Hammer)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

9828a—Mills (Talc Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book

9828b— Mills (Tire Turning)

Betts Machine Co., 420 Blossom rd, Rochester, N. Y.
See adv index at end of book

Mills (Tube)

See Mills, Ball & Pebble
Also Pipe & Tube Mills
Also Pipe & Tube Mill Machinery

9829—Mills (Tumbling & Rumbling)

Cleveland Nickel Wks. (Steel Exhaust; & water), 1167 W 67th, Cleveland, O.
Dayton-Dowd Co. ("Dayton-Dowd" & "Reliable"), Quincy, Ill.
HENDERSON BROS. CO., 133 South Leonard, Waterbury, Conn.
Illinois Mfg. & Supply Co. (Exhaust Steel), Quincy, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Sly W. W. Mfg. Co. (Exhaust Steel), Cleveland, Ohio

9830— *Mills (Universal)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

9831— Mills (Water Cinder)

Cleveland Nickel Wks., 1167 W 67th, Cleveland, O.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Eastern Machinery Co. ("Hill"), New Haven, Conn.
Farrel Foundry & Machine Co., Ansonia, **Conn.**
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Illinois Mfg. & Supply Co. (Iron & Brass), Quincy, Ill.
International Metal Reclaiming Corp ("Monarch" for Brass Founders, etc.), 220 Broadway, New York
Sly W. W. Mfg. Co. ("Sly" for Separating Iron & Coke from Cupola Dump), 4700 Train av, Cleveland, O.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.

9832—Mills (Water Polishing)

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
HENDERSON BROS. CO., 133 South Leonard, Waterbury, Conn.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.

Mills (White Lead)

See White Lead Machinery

9833—Mills (Wire Flattening)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Standard Machinery Co., Providence, R. I.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9834— Millstones

Tobler & Co., Inc. (French Buhr Imported, 115 Broad, New York

9834a—Mine Exploration Work

Wells Bulkeley (Agent), Hobart bldg., San Francisco Cal.

9835—Mine Rescue Apparatus

Draeger Oxygen Apparatus Co., Pittsburgh, Pa.
Hayward S. F. & Co. ("Westfalia"), 250 W 54th, New York
Mine Safety Appliances Co., 909 Chamber of Commerce bldg, Pittsburgh, Pa.
Siebe Gorman & Co. Ltd. ("Proto"), Monadnock bldg, Chicago, Ill.
West Va. Mine Supply Co., Clarksburg, W. Va.

Mine Supplies

See Firms in Mill & Factory Supplies, with the word Mine following name

9836—Mine Supplies (Electric)

Commercial Electrical Supply Co., B'way & Spruce, St. Louis, Mo.
Cooke-Wilson Electric Supply Co., 220H Penn., Pittsburgh, Pa.
Doubleday-Hill Electric Co., 719 Liberty av, Pittsburgh, Pa.
Electrical Material Co., 618 W Jackson blvd, Chicago, Ill.
Electric Railway Equipment Co., Cincinnati, Ohio
Flood City Mfg. Co., Johnstown, Pa.
Gee Electric Co., Wheeling, W. Va.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Iron City Electric Co., Pittsburgh, Pa.
Johns-Manville H. W. Co., Madison av & 41st, New York
Kester Electric Co., Terre Haute, Ind.
Lawrence F. D. Electric Co., 219 W 4th, Cincinnati, Ohio
Mill & Mine Supply Co., Akron, O.
OHIO BRASS CO., Mansfield, Ohio
See adv index at end of book
Post Glover Electric Co., 308 W 4th, Cincinnati, O.
Ross-Willoughby Co., 109 E. Spring, Columbus, Ohio
Sackett Mine Supply Co., 164 N 3d, Columbus, Ohio
Union Electric Co., 81 Terminal Way, Pittsburgh, Pa.
See adv index at end of book
Wesco Supply Co., 7th & Clark, St. Louis, Mo.
Western Electric Co., 463 West, New York
Western Plumbing Supply Co., 3228 Fillmore, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9837— Mine Timbers (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Fleming J. R. & Son, Co., Scranton, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Serfas Lumber Co. (Wood Only), Drake bldg, Easton, Pa.
See adv index at end of book

9838— Mineral Colza

Standard Oil Co. of N. Y., 555 W 25th, New York
Union Petroleum Co., Widener bldg, Phila., Pa.
Waverly Oil Works Co., 54th Pittsburgh, Pa.

9839— Mineral Wool Mfrs.

Acme Asbestos Covering & Supply Co., 234 N. Elizabeth, Chicago, Ill.
See adv index at end of book
Banner Rock Products Co., Alexandria, Ind.
Columbia Mineral Wool Co., 58 W Washington, Chicago, Ill. Works: S Milwaukee, Wis.
Johns-Manville H. W. Co., Madison av & 41st, New York
Union Fibre Co. Inc., Winona, Minn.
United States Mineral Wool Co., 280 Madison av, New York



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AGENTS:

Peru: Lima—W. R. Grace & Co.

Brazil: Rio de Janeiro—International Machinery Co., Rua Sao Bento, Caixa Postal 1626.

Pernambuco—Monteath & Co., Caixa Postal 118.

Bahia—International Machinery Co., Caixa Postal 273.

Dutch East Indies: Java: Samarang—Soerabaya: Lindeteves—Stokvis, Inc.

French West Indies: Fort de France, Island of Martinique—R. J. Dorn & Co.

Argentine Republic: Buenos Aires—International Machinery Co., Calle Peru 535 (Casilla de Correo 108).

Tucuman — International Machinery Co., Maipu 129.

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Porto Rico: San Juan—L. J. Barthelemy, Post Office Box 27.

Cables: "Castiron," St. Louis, New York, Havana.

Codes: A. B. C. 5th Edition, Western Union, Liebers

9840— Minerals (Rare)
See also Ores, Rare

Earle E. P., 165 B'way, New York
Mackay A. D., 130 Pearl, New York
Philipp Brothers (Imp.), 29 B'way, New York

9841—Miners' Needles & Scrapers

Hardsocg Mfg. Co. (Steel & Copper), Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co., What Cheer, Ia.

9842— Minglers (Sugar)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

9843—Mining Salt (Mixed Bromides & Bromates)

Dow Chemical Co., Midland, Mich.
Merck & Co., 45 Park pl., New York
Warren Products Co., 265 B'way, New York
See adv index at end of book

9843a— Minimum

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

9844-5— Minnows

Bonafide Mfg. Co. (Aluminum), Plymouth, Mich.
Heddon Jas. & Son (Artificial), Dowagiac, Mich.

9845a— Mirror Mfrs.

Am. Mirror Wks. (Beveled, etc.), Butler, Pa.
Bendit, Drey & Co., Inc., 188 Franklin, New York
Clinton Glass Co., 1000 W 21st, Chicago, Ill.
Fiberloid Corp ("Rosemont"), Dept. H, Indian Orchard, Mass.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Vaughan Novelty Mfg. Co. (Metal Embossed), 711 Fulton, Chicago, Ill.

9846— Mirrors (Advertising)

Alpha Mirror Mfg. So., 115 Spring, New York
Bache, Semon & Co., 636 Greenwich, New York
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
National Sheet Metal Co. (Hand, Pocket, etc), Peru, Ill.
Tarentum Beveling & Mirror Wks., Tarentum, Pa.
Vaughan Novelty Mfg. Co. (Metal Embossed), 711 Fulton, Chicago, Ill.

9847— Mirrors (Bath Room)

Acme Specialty Mfg. Co., Toledo, Ohio
Ames, Bonner Co. ("A. B. C."), Toledo, O.
Boston Mirror Co. (Frameless, etc), 69 Sudbury, Boston, Mass.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Church C. F. Mfg. Co. ("White Pyralin"), Dept. H, Holyoke, Mass.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Conroy-Prugh Co., 1430 Western av, Pittsburgh, Pa.
Cooke Jos. S., 20 Jacob, New York
Eustis J. P. Mfg. Co. (Brasscrafters), Cambridge, Mass.
Galard Co. ("Omaha"), 335 6th av, Newark, N. J.
Gallagher P. J., 24 New Chambers, New York
Metal Crafters, East Stroudsburg, Pa.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Parker Chas. Co., Meriden, Conn.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Weber-Knapp Co. (Extension Bracket), Jamestown, N. Y.

9848—Mirrors (Dashboard, Automobile)

Alpha Mirror Mfg. Co., 115 Spring, New York
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Cowles C. & Co., New Haven, Conn.
Kales Stamping Co. ("Hindirew"), 441 W Lafayette, Detroit, Mich.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

9849— Mirrors (Hand)

Alpha Mirror Mfg. Co., 115 Spring, New York
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Celluloid Co. (Celluloid), 36 Washington pl, New York
Conroy-Prugh Co., 1430 Western av, Pittsburgh, Pa.
Dennins O. Sons, Troy, N. Y.
DU PONT E. I. DE NEMOURS & CO. INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Florence Mfg. Co., Florence, Mass.
Grote F. & Hubbell Co., 32 4th av, New York
Liberty Mirror Works, 6615 Kelly, Pittsburgh, Pa.
Pacific Novelty Co. ("Elpho" Ivory), 41 E 11th, New York
Schimper William & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York
Souweine Mfg. Co., 103 Varick, New York
Warren Mirror Works, Warren, Pa.

9850— Mirrors (Lamp)

Bausch & Lomb Optical Co., Rochester, N. Y.

9851— Mirrors (Mangin)

Bausch & Lomb Optical Co., Rochester, N. Y.

9851a—*Mirrors (Mangin, Blanks)

RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

9852— Mirrors (Plate Glass)

American Mirror Co., 160 Reed, Milwaukee, Wis.
Am. Mirror Wks., Butler, Pa.
Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Bache, Semon & Co., 636 Greenwich, New York
Boston Mirror Co., 69 Sudbury, Boston, Mass.
Building Supplies Corp., Norfolk, Va.
Central Door & Lumber Co., 481 Glisan, Portland, Ore.
Central Glass Co., Inc., Evansville, Ind.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Conroy-Prugh & Co., 1430 Western av, Pittsburgh, Pa.
Crane Glass & Mfg. Co., 206 St. Clair av, Cleveland, O.
Denier's S. Son (French), 17 Crosby, New York
Detroit Mirror Works, 4th & Porter, Detroit, Mich.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Elias Joseph & Co., Inc., Jackson av, Long Island City, N. Y.
Eustis J. P. Mfg. Co. ("Brasscrafters" Metal Frame), Cambridge, Mass.
Falconer Mirror Co., Falconer, N. Y.
Gallagher P. J., 24 New Chambers, New York
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Hart Mirror Plate Co., Grand Rapids, Mich.
Haskins Art Glass Co., Rochester, N. Y.
Hendricks-Martz Bros. Co., Shelby & Larned
Hires, Turner Glass Co., 30th & Walnut, Phila., Pa.
Jackson Glass Works, Jackson, Mich.
Lee Edw. F. Gass Co., 136 E Fort, Detroit, Mich.
Morgan Co., Oshkosh, Wis.
National Mirror Works (All Kinds), Rockford, Ill.
Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Popper Leo & Sons, 143 Franklin, New York
Saginaw Mirror Wks., Saginaw, Mich.
Schrenk & Co., Hoboken, N. J.
SLANE O. W. GLASS CO., York, Pa.
Tyler & Hippach, 366 W Ohio, Chicago, Ill.
Von Gerichten Art Glass Co., 557 So High, Columbus, O.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Williamsport Mirror & Glass Co., Williamsport, Pa.
Zahn & Bowly Co., Rutherford, N. J.

9853— Mirrors (Searchlight)

Bausch & Lomb Optical Co., Rochester, N. Y.

9854— Mirrors (Shaving)

Alexander J. Mfg. Co., 1991 B'way, New York
Alpha Mirror Mfg. Co., 115 Spring, New York
Franks Mfg. Co., Rock Island, Ill.
Frink I. J. P., 24th & 10th av, New York
McLeod, Ward & Co., 430 11th av
Mirror Mfg. Co., 200 Greene, New York
Rite-Lite Shaving Glass Co., Syracuse, N. Y.
Schimper William & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq, W New York *See adv index at end of book*
Shavelight Corp., 30 Church, New York
Weber-Knapp Co. (Adjustable), Jamestown, Pa.
Wilson Co. A. B., 1051 Power bldg, Cleveland, O.

9855— Mirrors (Shock)

Allison & Doughty, 559 W 37th, New York
Bache, Semon & Co., 636 Greenwich, New York
Zahn & Bowly Co., Rutherford, N. J.

9856— Mirrorscopes

Mirrorscope Co., 168th & Waterloo, Cleveland, O.
Novelty Mfg. Co. ("Bellamy"), Waterbury, Conn.

9857— Mitre Scales

Reeves Mfg. Co., Milford, Conn.

9858— Mitres (Copper)

Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
York Corrugating Co., York, Pa.

Mitts (Catchers)
See Gloves, Baseball, Boxing & Fencing

9859— Mixers (Air)

Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Kemp C. M. Mfg. Co., 405 E Oliver, Baltimore, Md.
McRae & Roberts Co., 100 S Campbell, Detroit, Mich.

9859a—Mixers (Aniline Colors)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.

9860— Mixers (Asphalt)

Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
East Iron & Machine Co. ("Merriman"),t 351 E Market, Lima, O.
Equitable Asphalt Maintenance Co. ("Equitable"), 1901 Campbell, Kansas City, Mo.
Erie Machine Shops, Erie, Pa.
Hetherington & Berner, Indianapolis, Ind.
Pioneer Iron Wks., 149 Pioneer, B'klyn, N. Y.
Rapid Mixer Co., Grand Rapids, Mich.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Smith T. L. Co., The ("Smith" Hot Mixers), 1151 32d, Milwaukee, Wis.
See adv index at end of book

9861— Mixers (Bleach)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Manitowoc Engineering Works, Manitowoc, Wis.

9862—Mixers (Bread & Cake)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Carpenter L. A., Press Metal Co. ("Economy"), Cambridge, Mass.
Central Stamping Co., 174 Fulton, New York
Gem Stamped Steel Co. ("Kned-Full"), Chelsea, Mass.
Hobart Mfg. So. (Electric Bread), Troy, Ohio
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co. ("Eclipse"), Meriden, Conn.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Roseland Can & Specialty Co. ("American"), Rockford, Ill.
Sumner Mfg. Co. ("Eclipse" Large Bakers), Boston, Mass.
Triumph Mfg. Co., Cincinnati, Ohio
Vogel Wm. & Bros. ("Chautauqua"), 37 S 9th, Brooklyn, N. Y.
Wickwire Spencer Steel Corp. (Wire), Worcester, Mass.
See adv index at end of book

9863— Mixers (Cement)

Cardington Cabinet Co. ("Diamond"), Cardington, O.
Girnau Mfg. Co., Eau Claire, Wis.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Sheldon Engine & Sales Co., Waterloo, Ia.
Smith, T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Wilson Machy. Co., 301H 35th, Chicago, Ill.
Wilson Machinery Co., 301-331 W. 35th, Chicago, Ill. *See adv index at end of book*

9864— Mixers (Chocolate)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York
See adv index at end of book
Baker's Sons J & Perkins Co., Inc., White Plains, N. Y.

East Iron & Machine Co., 351 E Market, Lima, O.
Racine Confectioners' Machinery Co., Racine, Wis.
Rockwell L. A. Co., 430 Smith, Brooklyn, New York
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9864a— Mixers (Chemical)

Abbe Paul O. Inc., 30H Broad, New York
Day J. H. Co., 1144H Harrison av, Cincinnati, Ohio
Dorr Co., H. Cooper bldg., Denver, Colo.
Gedge-Gray Co., Dept. H, Lockland, Ohio
Olson & Tiligner Mfg. Co., 2280H Elston av, Chicago, Ill.

9865— Mixers (Clay)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York
See adv index at end of book
Anderson Fdry. & Mach. Wks., Anderson, Ind.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*
Chambers Bros. Co., 52d, bel Lancaster av, Phila., Pa.
Fernholtz Brick Machinery Co., Boyle & Vandeventer, St. Louis, Mo.
Industrial Supply Co., Keokuk, Ia.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Manitowoc Engineering Wks., Manitowoc, Wis.
Marion Machine, Foundry & Supply Co. ("Rust"), Marion, Ind.
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9865a— Mixers (Concrete)

See also Concrete Mixers
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
BROWN & SITES CO., 30 Church, New York
Green L. A., First Nat'l. Bank bldg,, Pittsburgh, Pa.
Lakewood Engineering Co., Cleveland, O.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, Ohio
Smith T. L. Co. ("Smith"), 1151 32d, Milwaukee, Wis.
See adv index at end of book

9866— Mixers (Drink)

Arnold Electric Co. ("Arnold" Electric), Racine, Wis.
Fulton-Bell Co., 451 Greenwich, New York
Gibson H. B. Co., 23 Liberty, New York
Hamilton Beach Mfg. Co. ("Hamilton Beach," Electric), Racine, Wis.
Roberts Lightning Mixer Co. ("Roberts"), 39 Pearl, Boston, Mass.
Seilke H. A. & Co., San Francisco, Cal.
Service Commodities Mfg. Co., 442 N Wells, Chicago, Ill.
Shelton Electric Co. (Electric), 30 E 42nd New York
White-Stokes Co. (Cream Whipper), 3615 Jasper pl, Chicago, Ill.
Wisconsin Electric Co., 1600 Junction av, Racine, Wis.

9867— Mixers (Feed)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Excel Mfg. Co. (Alfalfa & Molasses), Pottersville, N. J.
Howes S. Co., Silver Creek, N. Y.
ROBINSON MFG. CO., Muncy, Pa.
Savage W. J. Co., Knoxville, Tenn.
Smith T. L. Co. (Silo), 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Sprout, Waldron & Co., Muncy, Pa.
Wilson Bros., Easton, Pa.
See adv index at end of book

9868— Mixers (Fertilizer)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Atlanta Utility Works (Rotary Batch Mixers), East Point, Ga.
Austin W. E. Machinery Co., Atlanta, Ga.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT C. O. & SNOW CO., French, Cleveland, Ohio
See adv index at end of book
Dempwolf C. H. & Co., York, Pa.
Dunning & Boschert Co., Inc., 379 W Water, Syracuse, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
LAKEWOOD ENGINEERING CO., Cleveland, O.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pratt Engineering & Machine Co., Atlanta, Ga.
Ransome Concrete Machinery Co., Dunellen, N. J.
Sackett A. J., cor 4th av & 1st, Baltimore, Md.
Smith, T. L. Co., The (For Mixing All Kinds of Artificial Fertilizers), 1151 32d, Milwaukee, Wis.
Smith T. L. Co. ("Smith"), 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Social Circle Mfg. Co., Social Circle, Ga.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Walker & Elliott, Wilmington, Del.

9869—Mixers (Flour & Baking Powder)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Day J. H. Co., Cincinnati, O.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Howes S. Co. (Flour), Silver Creek, N. Y.
Read Machinery Co. ("Three Speed"), York, Pa.
Robinson Mfg. Co., Muncy, Pa.
Ross Chos. & Son Co., 148 Classon av, Brooklyn, N. Y.
Savage W. J. Co., Knoxville, Tenn.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
See adv index at end of book

Mixers (Foundry Sand)

See Sand Mixing Machines

9870— Mixers (Gas)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Cullen & Atkinson Co. ("Monitor"), Hartford, Conn.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Hays Mfg. Co., Erie, Pa.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.

9871— Mixers (Glass Batch)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Dixon H. L. Co., Rosslyn Rd., Carnegie, Pa.
Smith T. L. Co. ("Smith"), 1151 32nd, Milwaukee, Wis.
See adv index at end of book

9872— Mixers (Grout)

Binswanger & Co., Richmond, Va.
Ransome Concrete Machinery Co. ("Caniff" Pneumatic), Dunellen, N. J.
Union Iron Works, Hoboken, N. J.

9872a—Mixers (Heavy Compound Kneaders)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

9873— Mixers (Hot Metal)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Penna Engng. Works, New Castle, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Wks. Co., Hamilton av & E 40th, Cleveland, O.

9874— Mixers (Ice Cream)

Reid A. H., Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

9875— Mixers (Liquor)

New York Stamping Co., ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Stevens Bros., 149 B'way, New York
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

9876—Mixers (Lubricating Compounds)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co. Inc., White Plains, N. Y.
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

9877— Mixers (Mayonnaise)

Landers, Frary & Clark ("Universal"), New Britain, Conn.

9878— Mixers (Mortar)

See also Concrete Mixers
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Austin Machinery Corp., Railway Exchange bldg, Chicago, Ill.
Blystone Mfg. Co., Cambridge Springs, Pa.
Buckeye Engine & Foundry Co., Joliet, Ill.
C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.
Eureka Machine Co. ("Eureka"), Lansing, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Kent Machine Co., Kent, O.
Lakewood Engineering Co., Cleveland, O.
Lansing Co., Lansing Mich.
Laun Machine Co., 715 Root, Chicago, Ill.
Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Oelman Machine Co. ("Detroit"), 224 St. Antoine, Detroit, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.
See adv index at end of book
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Teal Chas. A. (For Ready Mixed Mortar, etc), 1361 Ridge av, Phila., Pa.
Walker & Elliott, Wilmington, Del.

9878a—Mixers (Nitrotulol or "T N T")

Luther Mfg. Co., Olean, N. Y.

9879— Mixers (Paint)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Gedge-Gray Co., Lockland, O.
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Olson & Tiligner Mfg. Co., 2280H Elston av, Chicago, Ill.

Mixers (Paint, Power)

See Paint Grinding & Mixing Machinery

9880— Mixers (Pan)

National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Tropenas Converter Co., 2243 Nostrand av, Brooklyn, N. Y.

9881— Mixers (Paste)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stokes F. J. Mach. Co., 17 & Cambria, Phila., Pa.

9881a— *Mixers (Paving)

Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
See adv index at end of book

9882— Mixers (Plaster)

See also Mills, Grinding
Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Dunning W. D. ("Broughton"), Syracuse, N. Y.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ehrsam J. B. & Sons Mfg. Co. ("Enterprise"), Enterprise, Kan.
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Ransome Concrete Machinery Co., Dunellen, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis

9882a— Mixers (Portable)

Lakewood Engng. Co., Cleveland, O.

9883— Mixers (Poultry Food)

Excel Mfg. Co., Pottersville, N. J.

9883a— *Mixers (Road)

Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
See adv index at end of book

9884— Mixers (Rubber)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*

MIXERS (RUBBER)—continued
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
East Iron & Machine Co., 351 E Market, Lima, O.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Roll & Foundry Co., Ravenna, O.

Mixers (Sand)

See Sand Mixing Machines

9885—Mixers (Sausage Meat)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Smith's John E. Sons Co. ("Buffalo Silent"), 50H Broadway, Buffalo, N. Y.

9885a— Mixers (Sifters)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*

9885b—Mixers (Steam Jacketed)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Day J. H. C., Cincinnati, O.
Gedge-Gray Co., Lockland, O.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stokes F. J. Machine Co., Phila., Pa.,

9886— Mixers (White Lead)

See also Mixers, Paint
Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry st, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

9887— Mixers & Sifters

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 216-224 B'way, New York *See adv index at end of book*
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
National Engng. Co., 549 W Washington blvd, Chicago, Ill.
Smith T. L. Co. ("Smith" Hand Special), 1151 32nd, Milwaukee, Wis.
See adv index at end of book

9888— Mocassins

Metz & Schloerb (Indian), Oshkosh, Wis.
Russell W. C. Mocassin Co., Berlin, Wis.

9889—Modelers & Sculptors (Architectural)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Buehen A. Decorators' Supply Co., St. Louis, Mo.
Campbell & Horigan, 4718 Penn, Pittsburgh, Pa.
Church Art Work Co., Mt. Vernon, N. Y.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Dux Jos., 2112 W Van Buren, Chicago, Ill.
Ellin, Kitson & Co., Madison av & 34th, New York
Emmel Chas. & Rose Co., 388 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Evans John & Co., 77 Huntington av, Boston, Mass.
Finke Mfg. Co., 83 Plane, Newark, N. J.
Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.
Francini C., Lexington av & 35th, New York
Haigermoser Jos., 459 Beaubien, Detroit, Mich.
Harnisch Ad A., Syracuse, N. Y.
Klee-Thomson Co., 327 E 40th, New York
Koppe & Steinichen, Atlanta, Ga.
Lamb J. & R., 25 6th av, New York
Lombard & Ludwig, 309 14th N W, Washington, D. C.
Maene Edw., 309 S Lawrence, Phila., Pa.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Nygard Alfred F., 290 Woodward, Detroit, Mich.
Rackle Geo. & Sons Co. (Artificial Stone), A. B. C. Line, Cleveland, O.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Shaw & Co., 864 N. Franklin, Phila., Pa.
Tiffany Studios, 361 Madison av, New York
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Van Malderen F., 5th & Jurnonville, Pittsburgh, Pa.
Voigt Co., 1743-1749 N 12th, Phila., Pa.
Walter G. E., 157 E 44th, New York
Whitman Studios, 900 Oxford, Phila., Pa.

9890—Models, Trade Marks & Monograms (Wood)

Basic Mfg. Co., Wilmington, Del.
Spanjer Bros., 198 Badger av, Newark, N. J.

9891—Models & Experimental Work

See also Pattern & Model Makers
Acme Mfg. Co., 355 Howard, Detroit, Mich.
Allentown Experimental Works, Allentown, Pa.
Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
Baillard E. V. Co., 24 Frankfort, New York
Baird Machine Co., Bridgeport, Conn.
Bedford Aluminum & Specialty Co., 4 Reade, New York
Beffel Frank Mfg. Co., Racine, Wis.
Berggren & Pearson Machine Co., 221 Canal, New York
Blount Engineering Co., 100 High, Boston, Mass.
Boucher H. E. Mfg. Co. (Models), 150 Lafayette, New York
Boyce Myron J., 1 Bethune, New York
Breul Fred G., Bridgeport, Conn.
Carolus Mfg. Co., Sterling, Ill.
Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
Central Machine & Tool Co., The, 1214-1216 Dorr, Toledo, O.
See adv index at end of book
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleverly Electric Wks., 17 N 7th, Phila., Pa.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Colson F. A. Pattern Works, Buffalo, N. Y.
Connery Machine & Tool Co., 56 Harrison av, Springfield, Mass.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Dixie Brass & Foundry Co,, Birmingham, Ala.
Eagle Engineering Co., Springfield, O.
Electrical Appliances Mfg. Co., Waterbury, Conn.
Estes E. B. & Sons (Drawing & Geometrical School Models), 364 5th av, New York *See adv index at end of book*
Fanning J. P. (Pattern Maker), 678 Jefferson av, Brooklyn, N. Y.
Garrison Co., Inc., 183 John, Bridgeport, Conn.
General Machine & Mfg. Co., Bridgeport, Conn.
Girard Model Works, Girard, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, Ohio
Gries Bros., 450 E 148th, New York
Griswold Geo. M. Machine Co., New Haven, Conn.
Hanson Tool & Die Co., 1330 12th, Detroit, Mich.
Harris Engineering Co., Bridgeport, Conn.
Hart Fred'k & Co., 837 Main, Poughkeepsie, N. Y.
Hartford Special Mach'y Co., Hartford, Conn.
Hassell Iron Works Co., Colorado Springs, Colo.
Hervey Machine Works, 209 Oak, Kansas City, Mo.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hoggson S. H. & Co., 27 Thames, New York
Howes Forrest E., 263 Northampton, Boston, Mass.
Jaeger Automatic Machine Co., 2238 N 9th, Phila., Pa.
Jaxon Co., 1010-12-14 Jackson, Toledo, O.
See adv index at end of book

Models and Experimental Work
THE JAXON COMPANY
Tools, Dies and Machine Work
LA FRANCE BUILDING
1010-12-14 Jackson St.
TOLEDO, OHIO.

Jeppener Paul, 114 Center, New York
John's Engineering Co., 625 Champlain av, Cleveland, O. *See adv index at end of book*
Kohler Die & Specialty Co., De Kalb, Ill.
Kuhn & Jacob Machine & Tool Co. (For Hard Rubber), Trenton, N. J.
Laganke Chas. F., 116 St. Clair av, N E, Cleveland, O.
Lees John, Indianapolis, Ind.

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Levi, Benjamin, 355 W B'way, New York
Lorentzen H. K., 60 Grand, New York
Los Angeles Engineering & Mfg. Co., 1212H E 6th, Los Angeles, Cal.
Losbough-Jordan Tool & Machine Co., Elkhart, Ind.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Mackin Stephen, 33 North Foster, Worcester, Mass.
Manufacturers & Inventors Electric Co., 29 Gold, New York
Maskell J. H. Machine & Mfg .Co., 1421 E 45th, Cleveland, O.
Maynard Mfg. Co., Waltham, Mass.
M. & N. Pattern & Model Works, 448 N Halsted, Chicago, Ill.
Model Shop (Inventors' Models), 80 1st, San Francisco, Cal.
Monarch Tool & Mfg. Co., The, 122 Opera pl, Cincinnati, O.
Moore & Co., 305 W Grand av, Chicago, Ill.
Mosel Mfg. Corp., Kensington, Conn.
See adv index at end of book
Myer-Moran Co., 210 N Holliday, Baltimore, Md. *See adv index at end of book*
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Nelson Tool Co., Inc., 781 E 142nd, New York
See adv index at end of book
Nestor Mfg. Co. (Inc.), 40 W 13th, New York
Nilson A. H. Machine Co., Bridgeport,Conn.
Nitz & Darkow, Akron, O.
Pedersen Mfg. Co., 236 Middle, Bridgeport, Conn.
Petersen Anker (Textile Machy.), 330 Atlantic av, Boston, Mass.
Providence Mfg. & Tool Co., 17 Warren, Providence, R. I.
Reeves Mfg. Co., Milford, Conn.
Reising Arms Co., 35 Jefferson av, Hartford, Conn.
Republic Tanning Co. (De Gras used by Tanners), 2301 S Paulina, Chicago, Ill.
Rudolph Wm. F., 1308 Girard av, Phila., Pa.
Sandenburg Ernest, 208 E 27th, New York
See adv index at end of book
S-P Manufacturing Co. (Automobile Motors), 872 E 72d, Cleveland, O.
Saunders Co. (Metal), 1700 Brooklyn av, Kansas City, Mo.
Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill.
Scully Pattern & Model Works, S W cor 5th & Delaware, Kansas City, Mo.
Sexton Machine Co., 303 Pearl, Hartford, Conn. *See adv index at end of book*
Shipman Machine Co., 218 Summer, Boston Mass.
Sloan Novelty Mfg. Co., 20th & Wyandotte, Kansas City, Mo.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Specialty Shop The, 251 Minna, San Francisco, Cal. *See adv index at end of book*

The Specialty Shop
MODELS & EXPERIMENTAL WORK
251 Minna St., San Francisco, Cal.

Spindler & Deringer, 243 Mercer, Jersey City, N. J.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Pattern Works, 5332 St. Clair av, Cleveland, O.
Stierlin Machine & Die Works, 625 W Jackson blvd, Chicago, Ill.
Stoddard-Jakel Machine & Tool Co., Kerr bldg, 100 Beaubien, Detroit, Mich.
Superior Machine & Engng. Co., 51 E Fort, Detroit, Mich.
Tolhurst Machine Works, Troy, N. Y.
Union Gear & Machine Co., 27 Purchase, Boston, Mass.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
Up-to-Date Tool Co., 81 Wareham, Boston, 18, Mass.
See adv index at end of book
Victor Mfg. Co., York, Pa.
Vogel William, 68 Nassau, New York
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Weimann Bros. Mfg. Co. (Experimental), Derby, Conn.
See adv index at end of book
West St. Louis Machine & Tool Co., 606 S Vandeventer av, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kan.

Western Pattern & Mfg. Co., Moline, Ill.
White George, 22 Morris, Jersey City, N. J.
Worcester Gear Works, Inc., 33 N Foster, Worcester, Mass.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, Ohio
Zeidler William A. Co., 182 Locust av, New York
Zuhr, Henry, 489H Broome, New York

9891a— Moellons

Marden, Orth & Hastings Co., 136 Liberty, New York
National Oil Products Co., Harrison, N. J.

9892— Moisteners (Cigar)

Emmons Collins Machine Co. ("Electrohume"), Western Springs, Ill.
Eureka Blotter Bath Co. ("Eureka" Wall & Case), 3732 S Wallace, Chicago, Ill.
Stirrup Mfg. Co., Inc., Market, Newark, N. J.

9893—Moisteners (Envelope)

Eureka Blotter Bath Co. ("Eureka" & Stamp), 3732 S Wallace, Chicago, Ill.
Mohler A, Box 453, Chicago, Ill.
Scattergood H. W. Co. ("Scattergood"), 1722 W Venango, Phila., Pa.
Sengbusch Self-Closing Inkstand Co. ("Ideal" Sanitary), Stroh bldg, Milwaukee, Wis.

9893a—Moisteners (Radiator Air)

Eureka Blotter Bath Co. ("Eureka" for the Home), 3732 S Wallace, Chicago, Ill.
Illinois Flower Box Co., 180 N Dearborn, Chicago, Ill.
Savo Mfg. Co., 39 S La Salle, Chicago, Ill.
Specialty Mfg. Co., 2362 University av, St. Paul, Minn.

Moistening Apparatus

See Textile Machinery

9894— Molasses (Foundry)

Springfield Facing Co., Springfield, Mass.
See adv index at end of book

9894a-b—Moldings (Aluminum)

Biele, Chas. F. & Sons Co., 381 W 12th, New York
British Aluminum Co., Ltd., 165 B'way, New York
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Hough W. S. Jr. Co., 61 Park, Providence, R. I.
METALLIC AUTOMOBILE MATTING CO., 181 York, Rochester, N. Y.
Seligman Arthur, 165 B'way, New York

9894c—Moldings (Automobile & Carriage Door)

Douglas & Lomason Co., 5836 Lincoln av, Detroit, Mich.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
METALLIC AUTOMOBILE MATTING CO., 181 York, Rochester, N. Y.
Niagara Insula-Bake Specialty Co., Albany, N. Y.

9894d—Moldings (Ball, Beaded & Piano)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Bounett Nicholas & Co., 619 W Adams, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

9894e— Moldings (Carved)

Central Planing Mill & Lumber Co., Louisville, Ky.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Dixon Lumber & Millwork Co., Weldon, N. C.
Doten S. H. & A. R., Portland, Me.
Dwight Lumber Co., River Rouge, Detroit, Mich.
Fritts D. H. & Co., 414 N Wood, Chicago, Ill.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Indiana Moulding & Frame Co., La Porte, Ind.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Indiana Molding & Frame Co., La Porte, Ind.
Johnson & Tomek Co., 1855 W Lake, Chicago, Ill.
Klise' Mfg. Co., Grand Rapids, Mich.
Leslie Jno., 138 W 15th, New York
McClelland T. W. Co., Davenport, Ia.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
N. Y. Carved Moulding Co., 3d av & 139th, New York
New York Wood Working Corp., 502 E 19th, New York
Peirce W. E. & Co., Milford, N. H.
ROBERTS SASH & DOOR CO. (For the Trade Only), 920 W 20th, Chicago, Ill.
Stone R. B. & Co., Spencer, Mass.
Syracuse Ornamental Co., Syracuse, N. Y.
Waccamaw Lumber Co., Bolton, N. C.
Waddell Mfg. Co., Grand Rapids, Mich.
West Virginia Lumber Co., First National Bank bldg., Pittsburgh, Pa.
Western Builders' Supply Co. (Mgrs. agent), 135 Second, San Francisco, Cal.

9894f—Moldings (Cold Drawn Steel or Bronze)

American Motor Body Co., Dept. H, 18th & Leigh av, Phila., Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Dahlstrom Metallic Door Co. (Approximately 2,000 designs to select from. Send for Catalogue), 413 Buffalo, Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Kawneer Mfg. Co. ("Kawneer" also Aluminum), Niles, Mich.
Lawton-Stephens Co., 427 Marcy av, Brooklyn, N. Y.
McCord Mfg. Co., 2587 E Grand Blvd, Detroit Mich.
Zahner Metal Sash & Door Co., Canton, O.

9894g—Moldings (Copper, Brass & Bronze)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Biele Chas. F. & Sons Co.(Nickel Silver), 381 W 12th, New York
Bridgeport Brass Co. (Brass & Bronze Only), Dept. H, Bridgeport, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cal. Fire Proof Door Co. ("Wilcox"), 1931 S Los Angeles, Los Angeles, Cal.
Cowles C. & Co. (Brass Door), New Haven, Conn.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York; Works: Providence, R. I.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Rome Brass & Copper Co., Rome, N. Y.

9894h—Moldings (Electric Wiring)

American Circular Loom Co. ("Lutz" Metal), Chelsea, Mass.
American Conduit Mfg. Co., New Kensington, Pa.
American Metal Moulding Co., 145 New Jersey R. R. av, Newark, N. J.
Appleton Elec. Co. ("Pagrip"), Wellington & Paulina, Chicago, Ill.
Central Lumber Co., Chattanooga, Tenn.
Decker Moulding & Mfg. Co. (Armatures), 9th & Monroe, St. Louis, Mo.
Edwards & Co. (Stewart Fixings), 140th & Exterior, New York
Hitchner Wall Paper Co. ("Hold-Wire"), Camden, N. J.
Mitchell Moulding Co., 946 W 21st, Chicago, Ill.
National Metal Molding Co. (Metal), 1110 Fulton bldg, Pittsburgh, Pa.
Saulpaugh's J. M. Sons, 180 Lewis, New York
Sheip H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Wright & Craycroft, 1448 W 21st, Chicago, Ill.

9894i—Moldings (Embossed)

American Sash & Door Co., Kansas City, Mo.
Bilek Stephen Co., 2117 S Troy, Chicago, Ill.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Decker Moulding & Mfg. Co. (Show Case, etc.), 9th & Monroe, St. Louis, Mo.
Diebold Lumber & Mfg. Co., 93-99 Wabash av, Pittsburgh, Pa.
Fitzgerald, Speer Co., Pen Argyl, Pa.
Gauger John A. & Co., 1434 W 22d. Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Kramer Bros. Co., Elizabeth City, N. C.
McKay Angus Co., 724 S Desplaines, Chicago, Ill.
Mertz's Geo. Sons, Port Chester, N. Y.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
New York Carved Moulding Co., 3d av & 139th, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Peirce W. E. & Co., Milford, N. H.
Rock Island Sash & Door Works, Rock Island, Ill.

9894j—Moldings (Metal Covered)

Cal. Fire Proof Door Co. ("Wilcox"), 1931 S Los Angeles, Los Angeles, Cal.
Chicago Metal Covering Co., 2835 Lake, Chicago, Ill.
COBURN TROLLEY TRACK MFG. CO., ("Coburn"), P. O. Box 127, Holyoke, Mass.
Gould-Mersereau Co., 52 W 38th, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

9894k—Moldings (Metal, for hanging Pictures)

Union Metal Corner Co. ("Outersite" Invisible), 18 Heath, Boston, Mass.

9894l—Moldings (Picture Frame)

Abbott D. E. & Co., Huntington, W. Va.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Cass B. T. & Co., 2057 Emerson av, Chicago, Ill.
Ceppi A. Co., 101 Broadway Exchange, Boston, Mass.
Harsha L. R. Mfg. Co., 2010 Carroll av, Chicago, Ill.
Illinois Moulding Co., 2411 W 23d, Chicago, Ill.
Indiana Moulding & Frame Co., La Porte, Ind.
Klicka Joseph Co., W 20th & S California av, Chicago, Ill.
Larsen C. & Co., 401 N Leavitt, Chicago, Ill.
Lippe & Co., 329 E 29th, New York
McKay Angus Co. (Raw or Finished), 724 S Desplaines, Chicago, Ill.
P. B. & H. Moulding Co., Syracuse, N. Y.
Pape Bros. Moulding Co., Plum & Canal, Cincinnati, O.
Radford & Wright Co., Oshkosh, Wis.
Roper John L. Lumber Co., Norfolk, Va.
Schock Parlor Frame Co., Minneapolis, Minn.

9894m—Moldings (Rope & Twisted, Etc.)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Artistic Wood Turning Works, 515 N Halsted, Chicago, Ill.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Boynton & Co., 1725 Dickson, Chicago, Ill.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Chicago Millwork Supply Co. (Wood) (For the Trade Only), 1404 W 37th, Chicago, Ill.
Dickey A. & Co., 37 Bristol, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Mertz's Geo. Sons, Port Chester, N. Y.
Morgan Co. (Hardwood & Soft Wood), Oshkosh, Wis.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
N. Y. Carved Moulding Co., 3d av & 139th, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Paine Lumber Co. (Ltd.), (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
ROBERTS SASH & DOOR CO. (For the Trade Only), 920 W 20th, Chicago, Ill.
South Bend Dowell Works, South Bend, Ind.
STEVENSON MFG. CO. (Wood), South Bend, Ind. *See adv index at end of book*

WOOD MOULDINGS

Automatic Turned in Roped, Twisted or Beaded Patterns

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Waddell Mfg. Co., Grand Rapids, Mich.
Western Builders' Supply Co.(Mfrs. agents), 135 2nd, San Francisco, Cal.

9894n—Moldings (Sheet Metal)

American Motor Body Co., Dept. H, 18th & Leigh av, Phila., Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Carter Sheet Metal Co., Omaha, Neb.
Chicago Metal Covering Co., 2835 Lake, Chicago, Ill.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Erdle Perforating Co. (Brass & Aluminum), 171 York, Rochester, N. Y.
See adv index at end of book
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Lawton-Stephens Co. (Steel, Brass & Bronze), 427 Marcy av, Brooklyn, N. Y.
Manrow Sheet Metal Works, Goshen, Ind.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.

MOLDINGS (SHEET METAL)—cont.
Sanisteel Co., 120 Niagara, Buffalo, N. Y.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.

9894o-p—Moldings (Sheet Steel, Brass & Bronze)

American Motor Body Co., Dept. H, 18th & Leigh av, Phila., Pa
Braun J. G., 609 S Paulina, Chicago, Ill.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.

9894q— Moldings (Steel)

American Motor Body Co., Dept. H, 18th & Leigh av, Phila., Pa.
Braun J. G. (For Store Fronts, Stairways, Elevator Enclosures, etc), 609 S Paulina, S Chicago, Ill.
Dahlstrom Metallic Door Co. (Smooth Surface for Electroplating), 413 Buffalo, Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Fiat Metal Mfg. Co. (For Fenders, etc.), 223 W Huron, Chicago, Ill.
Kawneer Mfg. Co. (Storefronts, Stairways, Elevators, "Kawneer," etc), Niles, Mich.
Solar Metal Products Co., Columbus, O.

9894r—Moldings (Steel Picture)

Braun J. G., 609 S Paulina, Chicago, Ill.
Empire Art Metal Co. Inc., College Point. L. I., N. Y.

9895— Molds (Aluminum)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

9896—Molds (Babbitt Metal & Solder)

Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.
Haydenville Co., Haydenville, Mass.
Kupferle Jno. C. Foundry Co. (Solder Only), 1st & Wright, St. Louis, Mo.
Modern Iron Works (Half Round, etc.), Quincy, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Schweizer Chas. K., 520 N 3rd, St. Louis, Mo.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

9897— Molds (Babbitting)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.

9898—Molds (Bakers' & Confectioners')

Ben-Mohr Manufacturing Co., 51 Cliff, New York
Eppelsheimer & Co., 34 Hubert, New York
Maag August Co. (Easter Rabbit Cakes, etc), 509 W Lombard, Baltimore, Md.
Racine Confectioners' Machy. Co., Racine, Wis.
Watkins Jas. Y. & Son, 20 Catherine, New York

9899—Molds (Bar Lead, Buck Shot & Bullet)

Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.
Vulcan Iron Works (Bar Lead), 327 N Irving av, Chicago, Ill.

9900-1— Molds (Brick)

Arnold-Creager Co. (Hand & Machine), New London, O.
Crorwell James Addison, Wallkill, N. Y.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
International Clay Machinery Co., Dayton, O.
Louisville Machine Co., Louisville, Ohio
Mentz Geo. B. Co., Wallkill, N. Y.
Potts C. & A. & Co., Indianapolis, Ind.
Wiles A. M. & W. H. Co., Grassy Point, N. Y.

9902— Molds (Butter)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Chapman-Sargent Co. (Round & Square), Piqua, O.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hall Bros. Co., West Acton, Mass.
Richardi & Bechtold (All Kinds), Bellaire, Mich.
Rowe Henry Mfg. Co., Newaygo, Mich.
Vermont Farm Machine Co., Bellows Falls, Vt.

9903— Molds (Button)

Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*
BOGERT & HOPPER, INC. (Wooden), 57 Barclay, New York
See adv index at end of book
Defiance Button Machine Co. (Button Covering), 43 W 24th, New York
Empire Button Mold Mfg. Co., 722 E 11th, New York
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Frary Spool Co., Berlin, N. Y.
Hill Bros. & Co., Williamsburg, Mass.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Rhodes Wm. H., Cold Brook, N. Y.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Terkelsen & Wennberg, 328A, Boston, Mass.

9904— Molds (Cake)

Chapman Co. ("Chapman"), Geneva, N. Y.

9905— Molds (Capsule)

Kutz & Gift, Allentown, Pa.

Molds (Cement Post)

See Molds, Concrete; also Cement Post Machinery

Molds (Cigar)

See Cigar Makers' Supplies

9906— Molds (Concrete)

Bichler Mfg. Co. (Sewer Pipe & File), St. Joseph, Mo.
Bragstad Concrete Machy Co., Inc. (Slush), Canton, S. D.
Co-Operative Concrete Construction Co. (For Stave Silos), Oskaloosa, Ia.
Deslauriers Column Mould Co. (Adjustable Steel), Woolworth bldg, New York
Dunn W. E. Mfg. Co., Holland, Mich.
Helm Brick Machine Co., Cadillac, Mich.
Hydraulic Pressed Steel Co.(Pressed Steel), 3152 E. 61st, Cleveland, O.
Ideal Concrete Machinery Co. (Also Architectural Ornaments), 1346 Monmouth av, Cincinnati, O.
Indiana Concrete Mold Co. (For Sidewalk, Curbs & Gutters), Peru, Ind.
Irey John H. (For Blocks), West Liberty, Iowa
Lansing Co. (For Cement Pipe, Columns, Lawn Vases, etc), Lansing, Mich.
Martin Iron Wks., 1222-36 E 28th, Los Angeles, Cal.
Monolithic Silo & Const. Co. (Roof Molds), Peoples' Gas bldg, Chicago, Ill.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Norwalk Mold Co. (Burial Vault), Norwalk, Ohio
Ohio Post Mold Co. (For Concrete Fence Posts), 622 Madison av, Toledo, O.
Raber & Lang Mfg. Co. ("Crescent" for Pipe & Tile), Kendallville, Ind.
Staple Post Mold Co. (Post Molds), Westerville, O.

Molds (Copper)

See Molds, Gold & Silver Bullion

9907— Molds (Cylinder)

Appleton Wire Works, Appleton, Wis.
Beloit Iron Works, Beloit, Wis.
Bigelow, Cheney Wire Works, Springfield, Mass.
Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Mach. Co., Lee, Mass.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dix Chas. B., Glens Falls, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Emerson Mfg. Co., Lawrence, Mass.
Gleason Thos. E., East Newark, N. J.
Improved Paper Machinery Co., Nashua, N. H.
Smith & Winchester Mfg. Co., South Windham, Conn.

9908—Molds for Electrical Insulation Work

Atlas Tool Works, 488 John, Bridgeport, Conn. *See adv index at end of book*

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Cedar Tool & Gage Corp., 1862 State, Brdigeport, Conn.
Columbus Die, Tool & Machine Co. (Hard Fibre, Bakelite, etc.), 955 Cleveland av, Columbus, O.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Terkelsen & Wennberg, 328A, Boston, Mass.

9909— Molds (Gagger)

Wadsworth Core Machine & Equipment Co. (For Foundry Use), 10 W Buchtel, Akron, O.

9910— Molds (Glass House)

American Mold Co., 235 Cherry, Phila., Pa.
Ayars Machine Co., Salem, N. J.
Burns & Schilling, 589 Kent av, Brooklyn, N. Y.
Centre Foundry & Machine Co., Wheeling, W. Va.
Dixon H. L. Co. (Vanadium Steel, etc), Roslyn Road, Carnegie, Pa.
Early W. J. & Sons (Ltd.) (Vanadium Steel, etc), 312 Sarah, Pittsburgh, Pa.
Evans Mold & Foundry Co., Uniontown, Pa.
Hintz Mfg. Co., 1108 S Kilbourn, Chicago, Ill.
Husted-Hall Mould Works, Bridgeton, N. J.
Indiana Mould & Machine Works, Muncie, Ind.
Kelly Nicholas & Son (Vanadium Steel, etc), 1704 Wharton, Pittsburgh, Pa.
Koeppen Mould Works, Marion, Ind.
McKee W. S., 107 Carson, Pittsburgh, Pa.
Maryland Mould & Foundry Co., Cumberland, Md.
Muncie Mould Works, Muncie, Ind.
Northrup B. D., Washington, Pa.
Olive Stove Works, Rochester, Pa.
Patch S. B. & Sons, Streator, Ill.
Rochester Mould & Machine Co., Rochester, Pa.
Valley Star Stove Co., Wheeling, W. Va.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.
Zahniser Bros. & Stern (Vanadium Steel, etc), Washington, Pa.
Zanesville Mold Co., Zanesville, O.

9911—Molds (Gold & Silver Bullion)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

9912— Molds (Ingot)

Columbiana Boiler Co., Columbiana, O.
Garwood Bronze & Iron Works, Garwood, N. J.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
McCormack J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Marshall Foundry Co. (Cast Iron), 28th & R. R., Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Penn Mold & Mfg. Co., The, Works: Dover, O. Main Office, Wheeling Bank & Trust bldg., Wheeling, W. Va.
Sharon Foundry Co. (Steel), Wheatland, Pa.
Standard Machinery Co., Providence, R. I.
Valley Mould & Iron Corp., Sharpsville, Pa.
Wheeling Steel Casting Co. (Steel), Wheeling, W. Va.

9913-4-5— Molds (Jelly)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

9916—Molds (Lead Hammer)

Field Chas. H., 113 Point, Providence, R. I.
Hintz Mfg. Co., 1108 S Kilbourn, Chicago, Ill.

9917— Molds (Maple Sugar)

Grimm G. H. ("Carleton"), Rutland, Vt.

9917a— Molds (Porcelain)

Colonial Sign & Insulator Co. (For Surgeon's Rubber Gloves), Akron, O.

9918— Molds (Pottery)

Cedar Tool & Gage Corp., 1862 State, Bridgeport, Conn.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
U. S. Gypsum Co. ("Ivory" Pottery Plaster), 205 W Monroe, Chicago, Ill.

9919— Molds (Rubber)

ADAMSON MACHINE CO., Akron, O.
See adv index at end of book
Akron Equipment Co., Akron, O.
Akron Gear & Engng. Co., 54 E South, Akron, O.
Akron Standard Mold & Machine Co., Akron, O.
Akran Staudard Mold & Machine Co., Akron, O.

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Arnold W. E., Malden, Mass.
Atlas Tool Works (Hard & Soft), 488 John, Bridgeport, Conn.
See adv index at end of book
Baker Wm. H., Trenton, N. J.
Barbour Bros., Trenton, N. J.
Barbour Stockwell Co., Cambridge, Mass.
Bay State Iron Works, Erie, Pa.
Birmingham Iron Foundry, Derby, Conn.
Bogert & Hopper Inc (Balloon, Toys, etc), 57 Barclay, New York
See adv index at end of book
Bridgewater Machine Co., Akron, O.
Claflin Engng. Co., Lancaster, O.
Cleveland Rubber Mold Foundry & Machine Co., Warner rd, Cleveland, O.
See adv index at end of book
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston 22, Mass.
See adv index at end of book
Crossley Machine Co. (Tire Moulds), State & Chestnut av, Trenton, N. J.
Die Sinking & Machine Co., Akron, O.
Eggers Wm. J., 294 Taaffe pl, Brooklyn, N. Y.
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Elyria Machine Co., Elyria, O.
Estes E. B. & Sons (Toy Balloon), 364 5th av, New York
See adv index at end of book
Goodyear Tire & Rubber Co., Akron, O.
Hintz Mfg. Co. (Mechanical), 1108 S Kilbourn, Chicago, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Hollander & Johnson, Worcester, Mass.
Holmes Bros., 440 N Sacramento, Chicago, Ill.
Housatonic Machine & Tool Co., Bridgeport, Conn.
Jones & Kuhlke, Akron, O.
Kuhn & Jacob Machine & Tool Co. (For Soft Rubber), Trenton, N. J.
Logan Edw. Machine Co., Trenton, N. J.
McFarland Foundry & Machine Co., Trenton, N. J.
Mahlow & Wyckoff, Trenton, N. J.
Mechanical Mold & Machine Co., Akron, Ohio
Mueller Machine Co., Trenton, N. J.
Nelson Tool Co., Inc., 782 E 142nd, New York *See adv index at end of book*
Nitz & Darkow, Akron, O.
Paralite Co., 1684 Columbus av, Cleveland, Ohio
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Standard Tire & Rubber Mfg. Co., Willoughy, O.
Stokes F. J. Machine Co. (Hard Rubber), 17th & Cambria, Phila., Pa.
Terkelsen & Wennberg (For Heels & Soles), 328A, Boston, Mass.
Thropp Wm. R & Sons Co., Trenton, N. J.
Thropp's John E. Sons Co., ft. of Lewis, Trenton, N. J.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
WILLIAMS FOUNDRY & MACHINE CO. Akron, O.
See adv index at end of book

9920— Molds (Rubber Tire)

Akron Gear & Engineering Co., 55 E South, Akron, O.
Akron Rubber Mold & Machine Co., Akron, O.
Bay State Iron Works, Erie Pa.
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Farrell-Cheek Steel Foundry Co. (Mold Rings), Sandusky, O.
Jones & Kuhlke, Akron, O.
Standard Tire & Rubber Mfg. Co., Hippodrome bldg, Cleveland, O.
Thropp Wm. R. & Sons Co., Trenton, N. J.
Thropp's John E. Sons Co., ft. of Lewis, Trenton, N. J.
Williams Foundry & Machine Co., Akron, O. *See adv index at end of book*

Akron-Williams engineers have made rubber tire molds for most of the largest tire factories in the world. We make a complete line of vulcanizing equipment for rubber factories.

THE WILLIAMS FOUNDRY & MACHINE CO.,
Akron, Ohio, U. S. A.

9920a—*Molds (Rubber, Turned Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

9921— Molds (Soap)

G. & P. Engraving Co., Wollaston, Mass.

9922— Molds (Soft Metal)

Jeppener Paul (White Metal), 114 Center, New York

9923— Molds (Split)

Marshall Fdry. Co. (Cast Iron), 28th & R. R., Pittsburgh, Pa.

9924— Molds (Sugar)

Blymyer Iron Works Co., Cincinnati, O.

9925— Molds (Tack)

Haydenville Co., Haydenville, Mass.
Knapp Mfg. Co., 48 Warren, New York
Peck Bros. & Co., New Haven, Conn.

9925a— Molds (Tassel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Weber Chas. Estate, 2120 E York, Phila., Pa.

9925b— Molds (Wooden)

Baker-McMillen Co. (For Surgeons' Rubber Gloves), Akron, O.

9926—Molybdate of Ammonia

Mineral Product Mfg. Co., Wilmington, Del.
RARE METALS PRODUCTS CO. (Mfrs.), Belleville, N. J.
York Metal & Alloy Co., York, Pa.

9927— Molybdenite

American Metal Co. (Ores), 61 B'way, New York
Foote Mineral Co., 107 No 19th, Phila., Pa.

Molybdenum

See Ferro-Molybdenum

9927-a-b—Molybdenum (Metallic)

Foote Mineral Co., 107 N 19th, Phila., Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Pfanstiehl Co., No. Chicago, Ill.

9927c—*Monel Metal Parts

Bell Co. (The), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*

9927d— Monel Metal Scrap

Bers E. & Co., 10 Desbrosses, New York
Nelson Ira I., 10 High, Boston, Mass.

9927e— Monobrombenzol

Aniline Dyes & Chemical Inc., 134 Cedar, New York
Dow Chemical Co., Midland, Mich.
Electro Bleaching Gas Co., 18 E 41st, New York
Hooker Electrochemical Co., 40 Wall, New York
Marden, Orth & Hastings, 136 Liberty, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

9927f— Monochlorbenzol

Dow Chemical Co., Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Niagara Alkali Co., Niagara Falls, N. Y.
Rollin Chemical Corp., 120 B'way, New York

9927g— Monochlorobenzene

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

9927h— *Monochrome

INNIS, SPEIDEN & CO., INC., 46 Cliff, New York *See adv index at end of book*

9928— Monograms

See also Name Plates

American Bronze Corp., Berwyn, Pa.
Blackinton V. H. & Co., Attleboro Falls, Mass.
Chicago Art Metal Works, 300 W Lake, Chicago, Ill.
Enterprise Mfg. Co. (Harness), Akron, O.
Fine Horace E. Co. (Brass), Trenton, N. J.
Greacen Walter & Co. (Harness), 480 Washington, Newark, N. J.
Grote F. & Hubbell Co. (Iron), 82 4th av, New York
Harris Benj. Co. (Automobile), 229 Bowery, New York
Knight H. W. & Son (Brass or White Metal Monograms & Trade Marks), Seneca Falls, N. Y.
Matthews Jas. H. & Co. (Automobile & Motor Boat), 3942 Forbes, Pittsburgh, Pa.
Mulhaupt F. Jos. (Metal), Lafayette, Ind.
Newark Brass Plate Engraving Co., 52 Lawrence, Newark
Reynold-Zahn Co. (Harness), 46 Mechanic, Newark, N. J.
Schneider Louis (Pocket Book), 249 Market, Newark, N. J.
Spanjer Bros. (Wood), 198 Badger av, Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

9928a—Mono-Rail Systems (Trolley & Trolley Tracks)

Cameron Engineering Co., East Stroudsburgh, Pa.
Euclid Crane & Hoist Co., Euclid, O.
See adv index at end of book

MONORAIL
SYSTEMS & HOISTS
THE EUCLID CRANE & HOIST CO.
EUCLID, OHIO

Pawling & Harnischfeger Co., Milwaukee, Wis. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York

9928a-1—Mononitrotoluenes mixed

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

9928b—Monorail Tracks (Hoists)

Cameron Engineering Co., E Stroudsburg, Pa.
GILBERT-GRANT CO., Grand Central Terminal, New York
See adv index at end of book

9928c—Montejus (Automatic)

General Ceramics Co., 50 Church, New York
Lummus Walter E. Co. ("Metrolift"), 171 Milk, Boston, Mass.

9928d— Monuments

Consumers' Monument Co., Ball Ground, Ga.
Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*
Davis Brothers, Inc. (Granite), Riverton, Vt.
Lamb J. & R., 25 6th av, New York
Newman A. J. (Marble & Stone), Shreveport, La.
Raymond Granite Co. (Mfrs. & Designers), 3 Potrero av, San Francisco, Cal.

Monuments & Statuary (Bronze)

See Bronze Monuments & Statuary

9928e— Mooring Rings

Thacher Propeller & Foundry Corp., Albany, N. Y.

9929—Mop Sticks & Holders

See also Handles, Mop

Arcade Mfg. Co. ("Gem," "Freeport," "Arcade," "Standard," Screw, "Trojan"), Freeport, Ill.
Boyer A. Broom Co. ("Daisy" Spring Mop Sticks), Galesburg, Ill.
Cohankus Mfg. Co., Paducah, Ky.
Cupples Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.
Eagle Specialties Mfg. Co., Jamestown, N. Y.
Erie City Mfg. Co. ("Arrow"), Erie, Pa.
Faultless Anchor & Mfg. Co., Centerbug, Ohio
Hagglund H. E. ("New Departure), 410 W Elm, Chicago, Ill.
Parks & Parks ("Trojan" & "Taylor"), Troy, N. Y.
Peirce W. E. & Co., Milford, N. H.
Penn Mfg. Co. (Sticks only), North Girard, Pa.
Stover Mfg. & Engine Co. ("Trojan" & "Keene Pat'n"), Freeport, Ill.
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill. *See adv index at end of book*
U. S. Mop Co. ("Easy" Janitor Sticks), Toledo, O.

9930—Mops (Cloth, Combination Wringers, Etc.)

American Bread & Pastry-Board Co. ("Harris," Self-Wringing), Cambridge, O.
Atlanta Variety Works, Atlanta, Ga.
Auburn Brush Co., Auburn, Me.
Bay State Brush & Mop Co., Woburn, Mass.
Bay State Mop Co. (All Kinds), Woburn, Mass.
Brush Mop Co. ("Brush"), 419 Lafayette, New York
Cedar-Sweep Co. ("C. S. C." Dustless), Los Angeles, Cal.
Channell Chemical Co. ("O-Cedar"), 4501 Western blvd, Chicago, Ill.
Coffin Stanley H. ("Stanley"), 12 Pearl, Boston, Mass.
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Eagle Woodenware Mfg. Co. ("Rex" Dish Mops, etc), Hamilton, O.
Ellert C. H. (Floor & Dish), Evansville, Ind.
Erie City Mfg. Co. ("Arrow," Self Wringing), Erie, Pa.

MOPS (CLOTH, COMBINATION WRINGERS, ETC.)—continued

Erie Mop & Wringer Co., Erie, Pa.
Hamblin & Russell Mfg. Co. ("Champion" Self Wringing), Worcester, Mass.
Hoag Duster Co. ("Iowa" Salutary), Monticello, Ia.
Howard Dustless Duster Co. (Wet & Dry), 290 Franklin, Boston, Mass.
Imboden I. C. Mfg. Co. ("I. C. I." Easy Wringing), Cleona, Pa
Imperial Mfg. Co. ("Harris" Self Wringing), Cambridge, O.
Massasoit Mfg. Co., Fall River, Mass.
Meerse J, 2nd & John, Cincinnati, O.
Milton Chemical Co. ("B. B." Dustless, Floor & Dustless Dust Cloths, also Chemically Treated Cloth), 156 Sixth, Cambridge, Mass.
Mishler Mfg. Co. (Cotton & Linen Mop Cloths), Smithville, O.
No-Mar Mfg. Co. ("No-Mar" Chemical Dust Mops), Cleveland, O.
Ohio Duster Co. ("Elite" Chemical), Cleveland, O.
Opie J. W. Brush Co. (Mop Wringers Only), Kansas City, Mo.
Pioneer Mfg. Co. ("Shino" Combination Dust Mop), 3053H E. 87th, Cleveland, Ohio
Plunkett Chemical Co. (Self-adjusting Handle), 2540 Cottage Grove av, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Sterling Mfg. Co., Reading, Mass.
Stover Mfg. & Engine Co. ("Ideal" Spring, "Ideal" Screw, Lever Spring, etc), Freeport, Ill.
Tate Mfg. Co. (Wet & Dry), 48 Hanover, Boston, Mass.
Toothey M. J. Co., Fall River, Mass.
U. S. Mop Co. ("E. Z.," "Sweater Knit," "Easy" Wringer Mop), Toledo, O.
Wax Brush Co. ("Bewaxo"), 56 Sanford, Boston, Mass.
Wizard Products Co. ("Wizard" Triangle Polish Dust Absorbing Mops), 1444 W 37th, Chicago, Ill.

9931— Mops (Cotton)

Alabama Broom & Mattress Co., Huntsville, Ala.
Am. Silk Mfg. Co., 4341 Orchard, Phila., Pa.
Bix Janitor Supply Co. ("Bix"), 116 N th, St. Louis, Mo.
Blakely Jno. & Son, 1089 Gtn. av, Phila., Pa.
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burdett Mfg. Co., Kansas City, Mo.
California Cotton Mills Co., Oakland, Cal.
Central Mills Co., Southbridge, Mass.
Channell Chemical Co. ("O-Cedar"), 4501 Western blvd, Chicago, Ill.
Chattanooga Broom & Mop Co., Chattanooga, Tenn.
Cohankus Mfg. Co., Paducah, Ky.
Crunden Martins Mfg. Co. ("Hercules," "Navy"), 2nd & Gratiot, St. Louis, Mo.
Dale Margaret, Arlington, Mass.
Eagle Specialty Mfg. Co. ("Invincible Helper"), Jamestown, N. Y.
Ellert C. H. ("Home," "Eclipse," "Economy," "Diamond"), Evansville, Ind.
Estes Mills ("O K" "Alpha," "Acme," "Slasher" & "Bee" Floor & Dish Mops), Fall River, Mass.
Fricke J. E. Co., 247 Market, Phila., Pa.
Hall, Lincoln & Co., 154 Milk, Boston, Mass.
Hall W. & Co., Lansdowne, Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Maddock Textile Co., Milford Centre, O.
Massasoit Mfg. Co., Fall River, Mass.
Milton Chemical Co. ("B. B.") 156 Sixth, Cambridge, Mass.
Nawrath J. P. & Co., 109 Wooster, New York
O-So Ezy Products Co. (Dusting), 58 E. Washington, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Sanderson L. M. (Dish), Haydenville, Mass.
Southern Mills Corp'n, Oxford, Ala.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Toohey M. J. & Co., Fall River, Mass.
Tuscaloosa Mills, Tuscaloosa, Ala.
Universal Brush Co. ("Champion," Dry Floor & National Wall & Ceiling), 181 Quincy, Chicago, Ill.
Yocona Mills, Water Valley, Miss.

9932— Mops (Polish)

Channell Chemical Co. ("O-Cedar"), 4501 Western blvd, Chicago, Ill.
Dearborn Duster Co. ("Rublite," "Decolene"), 550 W. Harrison, Chicago, Ill.
Hayden E. W. Co., Toledo, O.

When writing to firms listed in this book please mention
HENDRICKS' COMMERCIAL REGISTER

Lewis Samuel ("Wundermops"), 73 Barclay, New York
O-So Ezy Products Co., 58 E Washington, Chicago, Ill.
Pioneer Mfg. Co. ("Shino"), 3053H E. 87th, Cleveland, O.
Restorall Products Co., 189 Pearl, New York
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
U. S. Mop Co. ("Easy"), Toledo, O.

9933— Mops (Roofing)

Barrett Co., 17 Battery pl, New York
Opie J. W. Brush Co., Kansas City, Mo.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.

9934— Mordants

Durfee Winthrop C. (Chrome for Cotton & Leather, Neutral Chrome), 516 Atlantic av, Boston, Mass.
Providence Drysalters Co., East Greenwich, R. I.

9935— Morphine

McKesson & Robbins, 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
New York Quinine & Chemical Works, 135 William, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

9936— Mortar Color Mfrs.

Atlas Co., Lincoln, N. J.
Atlas Paint Co., Sharpsburg, Pa.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chattanooga Paint Co. ("Eclipse), Chattanooga, Tenn.
Cleveland Iron Ore Paint Co., Cleveland, O.
Clinton Metallic Paint Co. ("Clinton"), Clinton, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Doggett Stanley, 11 Cliff, New York
Erwin Henry & Sons, Bethlehem, Pa.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Horn A. C. Co., Horn bldg, Long Island City, N. Y.
Imperial Paint Co. ("Imperial"), 80 10th, Long Island City, N. Y.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Macneal James B. & Co., Warner & Wooster, Baltimore, Md.
Mepham G. S. & Co., 20th & Lynch, East St. Louis, Ill.
Miller & Coulson (Dealers), 5748 Ellsworth av, Pittsburgh, Pa.
Parker, Preston & Co., Norwich, Conn.
Pecora Paint Co., Sedgley av, Phila, Pa.
Pittsburgh Iron Paint Co. ("Keystone"), N S. Pittsburgh, Pa.
Prince Mfg. Co., 165 Broadway, New York
Ricketson Mineral Paint Works ("Red Brick"), South Bay, Milwaukee, Wis.
Roll Mfg. Co., Waterloo rd, Cleveland, O.
Toch Bros. ("Edinburgh"), 320 5th av, New York
Waldo E. M. & F. (Selling Agents), 11 Broadway, New York
Wells Jas. M. Co. ("Colorific"), Ogdensburg, N. Y.
Wilhelm A. Co., Reading Pa.
WILLIAMS C. K. & CO., Easton, Pa.
See adv index at end of book

9937—Mortar (Patent Soapstone)

American Soapstone Finsh Co., Chester Depot, Vt.

9938— Mortar (Prepared)

Higginson Mfg. Co. ("Higginson's," for Plastering & Finishing Walls), Newburgh, N. Y.
Hydrated Lime Bureau, Arrott bldg, Pittsburgh, Pa.

9939— Mortars (Crushing)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept H, 14th & State, Chicago Heights, Ill.

9940— Mortars (Drug)

Sperry D. R. & Co., Batavia, Ill.

9940a—Mortars (Turned Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

9941—Mortisers (Chain Saw)

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

Mortisers (Hollow Chisel)

See Hollow Chisel Mortising Machines

Mortisers (Sash Pulley)

See Pulley Mortising Machines

9942— Mosaic Cube Importers

Jackson C. D. & Co., 105th & E. R., New York
Pisani Bros., 815 Vernon av, Astoria (Boro. of Queens), N. Y.
Rossman Robt. Co., 154 W. 49th, New York
Tompkins, Kiel Marble Co., 505 5th av, New York
Toscani J. L. Co., 930 E 178th, New York
Whitestone Marble Co. (Domestic Mfrs), Atlanta, Ga.

Mosaic Floors (Hardwood)

See Floors, Parquet

Mosaics (Ceramic)

See Mosaics, Floor

9943— Mosaics (Floor)

Alexander & Reid Co. (Circular), 355 W 36th, New York
American Marble Mosaic Co., 534 Market, Milwaukee, Wis.
Art Mosaic & Tile Co., Toledo, O.
Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Belfi Bros. & Co., 1933 Market, Phila., Pa.
Brooklyn Vitrified Tile Works, 92 3rd, Brooklyn, N. Y.
Caretti John & Co., 53 Austin, Chicago, Ill.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Central Mosaic & Tile Co., Memphis, Tenn.
Church Art Work Co., Mt. Vernon, N. Y.
Daprato Statuary Co. (Marble & Venetian), 766 W. Adams, Chicago, Ill.
Davis Bros., 151 W 24th, Chicago, Ill.
Davis Marble Co., 1450 W North av, Chicago, Ill.
De Paoli Mosaic Association, 10 Damrell S Boston, Mass.
Drake Marble & Tile Co., 607 2nd av S, St. Paul, Minn.
Hawes & Dodd (& Wall), 59 E. Adams, Chicago, Ill.
Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Italian Mosaic & Marble Co., Buffalo, N Y
Jackson Wm. H. Company, 2 W 47th, New York
Keating M. & Son Co., 4046 Wentworth av, Chicago, Ill.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
Lage B. H., 484 Greenwich, New York
Lautz Co., Buffalo, N. Y.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
McLaury D. H. Tile Co., 103 Park av, New York
Mart & Lawton, 1123 B'way, New York
Martina Mosaics Co., 132 E Pearl, Cincinnati, O.
National Mosaic Co., 338 Pennsylvania av, Washington, D. C.
National Mosaic Tile Co., 2100 S Kedzie av, Chicago, Ill.
Pelli Alexander & Co., 509 E 120th, New York
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Rinaldi Tile Co., 263 Atlantic av, Boston, Mass.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila, Pa.
Rossman Robert Co., 154 W 49th, New York
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Shipway Jno. H. & Bro., Locust av & E 136th, New York
Standard Mosaic Tile Co., 525 S Peoria, Chicago, Ill.
Tiffany Studios, 361 Madison av, New York
Toscani Jno. L. Co., 930 E 178th, New York
Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.
Twin City Tiling Co., 16 W North av N S, Pittsburgh, Pa.
Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.
Venetian Mosaic & Granitoid Co., 2233 Clark av, St. Louis, Mo.
Waterman & Judge, 39 Court, Boston, Mass.
Weary & Beck, 1732 S Michigan av, Chicago, Ill.

9944— Mosaics (Glass)

American Mosaic & Tile Co., Louisville, Ky.
Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Tiffany Studios, 361 Madison av, New York
Toscani Jno. L. Co., 930 E 178th, New York

Mosaics (Marble)

See Mosaics, Floor

Mosaics (Roman & Venetian)

See Mosaics, Floor

9945— Moss

American Fibre Co., Jacksonville, Fla.
Boston Excelsior Co. (Upholstery), 11th av & 29th, New York
Florida Moss Products Co. (Sanitary Moss Fibre), Dept H, Jacksonville, Fla.
Payne & Co., Dayton, O.
Philadelphia Excelsior Co., 716 N 3d, Philadelphia, Pa.

9946— Moss (Irish)

Bird J. A. & W. & Co. (Imp. Unground & Ground), 88 Pearl, Boston, Mass.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Haskins L. M., 131 State, Boston, Mass.
Keller Robert, 324 N 3d, Phila., Pa.
Lathrop H. R. & Co., 116 Beekman
Oxidite Mfg. Co., Arlington, Mass.
Schwenker W. M., 342 E 92d, New York

9947— Moss (Peat)

Atkins & Durbrow ("O. K."), 157 Water, New York
Schellings C. J. & Co. (Imp), 160 Pearl, New York

9948— Moss (Sea)

Boston Excelsior Co., 562 W 29th, New York
Payne & Co., Dayton, O.
Philadelphia Excelsior Co., 716 N 3d, Philadelphia, Pa.
Selle H. W. & Co., 1000 N Halsted, Chicago, Ill.
Whitney H. W., 305 S La Salle, Chicago, Ill.

9949— Moss (Tree)

Borgwardt & Ernst Co., 1234 W Chicago av, Chicago, Ill.
Boston Excelsior Co., 562 W 29th, New York
Florida Moss Products Co. (Sanitary Moss Fibre), Dept H, Jacksonville, Fla.
Kohlmann Moss & Cotton Felt Co., 3101 Chartres, New Orleans, La.
Luce Geo. D., Hagan av & St. Peters, New Orleans, La.
National Fibre Products Co., 321 S Jefferson, Chicago, Ill.
Phoenix Furniture Co., Charleston, S. C.
Schloss E. (Est. of), Baton Rouge, La.
Schwing R. T. Co., Inc., Plaquennine, La.
Snell, Chas. W. Co., 321 Jefferson, Chicago, Ill.
Whitney H. W., 305 S La Salle, Chicago, Ill.

9950— Motions (Reducing)

Ashcroft Mfg. Co. ("Houghtaling" for Indicators), 119 W 40th, New York
Bachrach Industrial Instrument Co., H Murtland & Bennett, Pittsburgh, Pa.

9951—Motor Boat, Launch & Yacht Builders

For Designers see Architects, Naval; see also Ship Builders

Abercrombie & Fitch Co. (Motor Canoes), Madison av & 45th, New York
Adams F. C., East Boothbay, Me.
Albany Boat Corp'n, Watervliet, N. Y.
American Boat Co. (Cat), Detroit, Mich.
Atlantic Boat Co. (Power Boats, Dory Skiffs, Launches, etc), Amesbury, Mass.
Benton Electric Co. (Launches), La Crosse, Wis.
Bridgeport Motor Co., Bridgeport, Conn.
Burger Boat Co., Manitowac, Wis.
Burgess W. Starling Co. (Ltd.), (Yachts), Marblehead, Mass.
Camden Anchor-Rockland Machine Co., Camden, Me.
Cape Cod Ship Building Corp. (Cruisers, Dories, Fishing Boats, etc., from 10 to 20 ft.), Wareham, Mass.
Carleton Canoe Co. (Boats & Canoes), Old Town, Me.
Champaign Bros., Ithaca, N. Y.
College Point Boat Corp. (Wooden), College Point, L. I., N. Y.
Cooley Wright Mfg. Co., Waterbury, Vt.
Darrow F. H. Steel Boat Co., Albion, Mich.
De Foe Boat & Motor Works, Bay City, Mich.
Detroit Boat Co. (Gasoline, Wooden Boats, Launches & Canoes), Kercheol & Connors av, Detroit, Mich.
Disappearing Propeller Boat Corp. of New York ("John Bull," "Uncle Sam," "Waterford"), North Tonawanda, N. Y.
Dunphy Boat Mfg. Co., Eau Claire, Wis.
Elco Co. ("Elco" Motor Boats, Launches & Yachts), Bayonne, N. J.
Electric Boat Co. (Submarine Boats), Groton, Conn.
Fairfield Auto Co. (Auto Boats, Launches, etc), Bridgeport, Conn.
Fay & Bowen Engine Co., Geneva, N. Y.
Fry L. E. & Co. (Boats), Clayton, N. Y.
Gas Engine & Power Co. & Chas. L. Seabury Co., Cons. (Naphtha, Alco-Vapor & Gasoline Auto Boats & Launches & Steam & Sail Yachts), Morris Heights, New York
Great Lakes Boat Building Corp., 333 Becher, Milwaukee, Wis.
Hacker John L. Boat Co., Watervliet, N. Y.
Hansen A. (Motor Boats & Launches), ft. Bay 35th, Brooklyn, N. Y.
Herreshoff Mfg. Co. (Yachts, etc), Bristol, R. I.
Hodgdon Bros. (Boats), East Boothbay, Me.
Holland Torpedo Boat Co., Groton, Conn.
Huff, Daland & Co., Inc., Dept H, Ogdensburg, N. Y.
Hunter-Everett Boat Co. (Motor Boats, Launches, etc), McHenry, Ill.
Jacob Robt. (Yachts), City Island, N. Y.
Kneass Geo. W., 18th & Illinois, San Francisco, Cal.
Kyle & Purdy (Yachts), 282 King av, City Island, N. Y.
Lake Erie Drydock & Mill Co., Sandusky, O.
Lake Shore Engine Works (Motor Boats, Launches, etc), Marquette, Mich.
Lake Torpedo Boat Co. (Submarine Boats), Bridgeport, Conn.
Lawley Geo. & Son Corp., Neponset, Boston, Mass.
Leyare Boat Works, Ogdensburg, N. Y.
Luders Marine Construction Co., Stamford, Conn.
Mathis Yacht Building Co., Camden, N. J.
Matthews Co., Port Clinton, O.
Michigan Steel Boat Co. (Steel Launches, Row Boats, Canoes, etc.), Kercheval & Connors. Detroit, Mich.
Miller Geo. H. (Yachts), Patchogue, N. Y.
Milton Boat Works (Boats, Yachts, etc.), Rye, N. Y.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Mullins Body Corp. (Steel & Wood), 341 Franklin, Salem, O.
Munn Thos. C. Co., Wilmington, Del.
Murray & Tregurtha Co. (Yachts, Launches, etc), 340 W 1st, South Boston, Mass.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Nock F. S. (Boats, etc), East Greenwich, R. I.
Palmer Bros., Coscob, Conn.
Peo Leon L. & Co. (Launches, etc), Cape Vincent, N. Y.
Pioneer Boat & Pattern Co., Bay City, Mich.
Poekel T. Sch. & Co., Neponset, Boston, Mass.
Pusey & Jones Co. (Yachts), Wilmington, Del.
Racine Boat Co. (Gasoline & Steam Launches, Sailing Yachts, etc), Racine, Wis.
Ramaley Boat Co., Wayzata, Minn.
Raulf Mfg. Co. (Steel), 560 Vedder, Chicago, Ill.
Red Wing Motor Co., Red Wing, Minn.
Richardson Boat Co., No. Tonawanda, N. Y.
Rippley Mfg. & Steel Boat Co. (Steel), Grafton, Ill.
Rochester Boat Wks., Inc., Charlotte Station, Rochester, N. Y.
Ruddock Yacht Works (Auto Boats, Launches, etc), 213th & Harlem River, New York
Rushton J. H. (Boats, Canoes, etc), Canton, N. Y.
Schaefer Mfg. Co., Berlin, Wis.
Smith & Williams Co. (Boats), Salisbury, Md.
Stamford Motor Co. (Launches, Motor Boats, etc), Stamford, Conn.
Stearns & McKay Co. (Launches, Yachts, etc), Marblehead, Mass.
Toppan Boat Mfg. Co. (Dories, Launches, etc), 87 Washington No., Boston, Mass.
Twigg Jno. & Sons, 698 Illinois, San Francisco, Cal.
Valley Boat Co., Saginaw, Mich.
Versoy Irving R., Morris Cove, New Haven, Conn.
Weller's Hiram Sons Co., Trenton, N. J.
White E. M. & Co. ("White" Motor Boats), Old Town, Me.
Winona Machine & Boat Works (Launches), Winona, Minn.
Wright U. G., Paulsboro, N. J.

9952— Motor Cloth

Boston Woven Hose & Rubber Co., ("Rubberized" "Twintite"), Cambridge, Mass.
Standard Paint Co., ("Ru-ber-oid"), 238 Broadway, New York

9953— Motor Cycle Parts

Am. Tube & Stamping Co. (Pressed-Steel), Dept H, Bridgeport, Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Ives Mfg. Co., Owego, N. Y.
Matthews Mfg. Co., 104 Gold, Worcester, Mass.
Oakes Co (Stamped), Indianapolis, Ind
Otter Mfg. Co., Inc., 243 W 17th, New York
Shaw Cycle Parts ("Shaw" Bicycle Motor Attachment), Galesburg, Kans.
Standard Turnbuckle Co., Corry, Pa.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

9953a—Motor Cycle Side Cars

Flexible Co., Dept H, Loudonville, O.
Harley-Davidson Motor Co., 3732H Chestnut, Milwaukee, Wis.
Hendee Mfg. Co. ("Indian" & Parcel Delivery Vans), Springfield, Mass.

9954— Motor Cycles

See also Bicycle Manufacturers

Am. Motorcycle Mfg. Co. Inc., Louisville, Ky.
Cleveland Motor Cycle Mfg. Co. ("Cleveland' Light Weight), 7209 Platt av, Cleveland, O.
Cyclemotor Corp., 149 Cady, Rochester, N. Y.
Emblem Mfg. Co., Angola, N. Y.
Excelsior Motor Mfg & Supply Co. ("Excelsior," "Henderson"), 3701 Cortland, Chicago, Ill.
Great Western Mfg. Co. ("Crown"), La Porte, Ind.
Harley-Davidson Motor Co., 3732 Chestnut, Milwaukee, Wis.
Hendee Mfg. Co. ("Indian"), Springfield, Mass.
Henderson Motor Cycle Co., 584 Franklin, Detroit, Mich.
Johnson's Iver Arms & Cycle Works ("Iver Johnson"), Fitchburg, Mass.
Miami Cycle & Mfg. Co. ("Flying Merkel"), Middletown, O.
Motorcycle Equipment Co. ("Marvel"), Hammondsport, N. Y.
Peerless Motorcar Co., Quincy av & E 93rd, Cleveland, O.
Pope Mfg. Co. ("Pope"), Hartford, Conn.
Reading Standard Co. ("R.-S."), Reading, Pa.
Schickel Motor Co., Stamford, Conn.
Shaw Mfg. Co. ("Shaw"), Galesburg, Kans.
Waverly Mfg. Co. ("Jefferson"), Jefferson, Wis.
Westfield Mfg. Co., Westfield, Mass.

9954a—Motor Generators (Battery Charging)

Carter Electric Co., Atlanta, Ga.
Eck Dynamo & Motor Co., Belleville, N. J.
Electric Products Co., Clarkstone rd, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Imperial Electric Co., Dept H, Akron, O.
Lincoln Electric Co., Cleveland, Ohio
Valley Electric Co., 3157H S. Kingshighway, St. Louis, Mo.

9955—*Motor High Speed Reducers

FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill. *See adv index at end of book*
GANSCHOW WM. CO., 1001 Washington blvd., Chicago, Ill. *See adv index at end of book*

The Index to Trades is the key to the vast stores of information in

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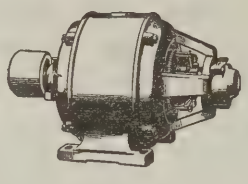
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9956—*Motor Speed Reduction

FOOTE BROS. GEAR & MACHINE CO., 213 N Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

9957— Motor Starters

See also Rheostats

Allen-Bradley Co. ("Allen-Bradley" Automatic), 286 Greenfield av, Milwaukee, Wis.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
CUTLER-HAMMER MFG. CO. (For All Purposes), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Detroit Fuse & Mfg. Co. ("Detroit" Three Phase), 1400 Rivard, Detroit, Mich.
Dyneto Electric Corp., Syracuse, N. Y.
ELECTRIC CONTROLLER & MFG. CO. (Hand & Automatic), Cleveland, O.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co. ("I. C."), 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., 1423H Munsey bldg, Baltimore, Md.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Motor Compressor Co. (Aeroplane), 52 Dickerson, Newark, N. J.
Rowan Controller Co., 308 N Holliday, Baltimore, Md.
Sevison Electric Co., Elkhart, Ind.
Snow & Petrelli Mfg. Co. (Safety For Marine), ("Joes"), New Haven, Conn.
Union Electric Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
Ward Leonard Electric Co., Mt. Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9958-9—Motors (Adjustable Speed)

Beal Joseph & Co. (Dealers), 465 Atlantic av, Boston, Mass.
Eck Dynamo & Motor Co., Belleville, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Aeronautical)

See Engines, Airplane

9960— Motors (Air)

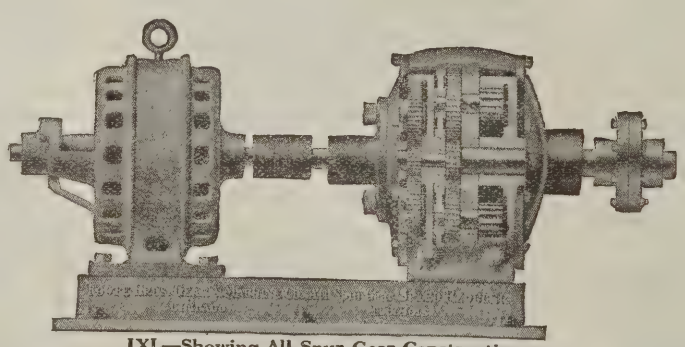
Cleveland Pneumatic Tool Co., 6410 Hawthorne, Cleveland, Ohio
Dake Engine Co. (& Steam "Dake", Reversible), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Independent Pneumatic Tool Co., 600 W Jackson blvd, Chicago, Ill.
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See adv index at end of book
Roto Co. ("Roto") Hartford, Conn.
Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.
Union Machine Co., 183 University av, St. Paul, Minn.
Universal Machinery Co., 784 30th, Milwaukee, Wis.

9961—Motors (Alternating Current)

For Motors, Direct Current, see Firms in Dynamo & Motor Mfrs. with the word Direct following their name
Advance Electric Co., 6315 Maple, St. Louis, Mo.
Allis-Chalmers Co. ("Bullock"), Milwaukee, Wis.
Bell Electric Motor Co., Garwood, N. J.
Bissell F. Co. (Small Motors), Toledo, O.
Burke Electric Co., Erie, Pa.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Cleveland Electric Motor Co., 5313 Windsor, Cleveland, O.
Crocker-Wheeler Co., Ampere, N. J.
Dayton Fan & Motor Co., Dayton, O.
Diehl Mfg. Co. (Polyphase), Elizabeth, N. J.
DUQUESNE ELECTRIC & MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Electric Machy Co. (Induction & Synchronous Types, 5 H. P. to 3000 H. P.), 14th av & Tyler, N E, Minneapolis, Minn.
Emerson Elec. Mfg. Co., 2024 Wash. av, St. Louis, Mo.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Globe Elec. Co. (Electric ¼ to 25 H.P.), 6340 Stony Island av, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble"), 634 N Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
MECHANICAL APPLIANCE CO. (Multi-speed Polyphase), 133 Stewart, Milwaukee, Wis.
Myerson, Joseph (Dealers), 411 Atlantic av, Boston, Mass.
See adv index at end of book
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Ohio Electrical & Controller Co., 5900 Maurice av, Cleveland, O.
See adv index at end of book
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

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Phoenix Electric Co., Mansfield, O.
See adv index at end of book



Phoenix Electric Co.
Mansfield, O.
Manufacturers of
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RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Robbins & Myers Co. (Up to 50 Horse Power), 1400 Lagonda av, Springfield, Ohio.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Star Dynamo Co., Jefferson City, Mo.
Triumph Electric Co., Oakley, Cincinnati, Ohio
Valley Electric Co., 3157H S. Kingshighway, St. Louis, Mo.
Wagner Electric Mfg. Co. (Single & Polyphase 1/20 to 300 H.P. "Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Electric Co., 1622 Vine, Cincinnati, O.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Automobile)

See Engines, Automobile; also Engines, Gas or Gasoline; also Engines, Marine, Gasoline; also Motors, Electric

9961a—*Motors (Automobile Electric)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

9962—Motors (Battery or Toy)

Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
H-K Toy & Novelty Co., Indianapolis, Ind.
Interstate Electric Novelty Co., 104 S 4th, New York
Kendrick-Davis Co., ("Porter," "Ajax," "K.-D.," "Kent," "Tesla," "Rex," "Standard," "Manchester," "Juno"), Lebanon, N. H.
Knapp Electric & Novelty Co. ("Kenco," Little Hustler"), 511 W 51st, New York
Lionel Mfg. Co. ("New Departure"), 48 E 21st, New York
Menominee Electric Mfg. Co. ("Days"), Menominee, Mich.
Ohio Electric & Controller Co. ("Albert"), 5900 Maurice av, Cleveland, O.
Rittenhouse A. E. Co., Honeoye Falls, N. Y.
Swope Henry R., 120 N 7th, Phila., Pa.
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.

9963—*Motors (Brick Plants)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9964— Motors (Buffing)

Cushman Electric Co. ("Cushman," Buffing & Polishing), Concord, N. H.
Dilg Mfg. & Trading Co. ("Acme," for Polishing & Refinishing Silverware & other Metal Ware for Hotels, Clubs, etc), 27 E 125th, New York
Forbes & Myers ("Forbes & Myers"), 169 Union, Worcester, Mass.
See adv index at end of book
Holtzer-Cabot Electric Co. (Electric Alternate Grinding & Buffing), 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.
Warren Products Co., 265 Canal, New York
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9965—*Motors (Cement Mills)

Lincoln Electric Co., Cleveland, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9966— Motors (Dental)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Robbins & Myers Co. (Direct & Alternating Current), 1400 Lagonda av, Springfield, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Direct Current)

See Dynamo & Motor Manufacturers

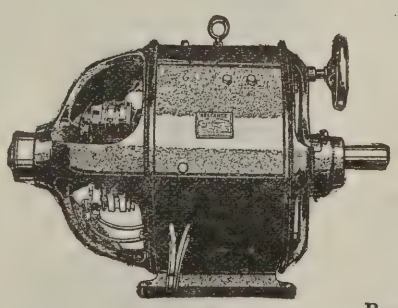
9967—Motors (Direct Current Railway)

Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9968— Motors (Electric)

See also Dynamo & Motor Manufacturers

Aaron Electric Co., 15 S Clinton, Chicago, Ill.
Advance Electrical Co. (& Repair), 555 W Monroe, Chicago, Ill.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Arnold Electric Co., Racine, Wis.
Arrow Mfg. Co. ("Arrow" Small), Toledo, O.
Bell Electric Motor Co. (Single Phase Alternating & Direct), Garwood, N. J.
Benton Electric Co. ("Multi-Polar" & "Bi-Polar" Direct Current), La Crosse, Wis.
Bissell F. Co. ("Bissell"), Toledo, O.
Braun Electric Mfg. Co. (Fractional H. P. Universal Motors) Dover, Ohio
Burke Electric Co. ("Burke"), (Direct & Alternating), Erie, Pa.
Calm-Forster Electric Co. ("Crooker-Wheeler"), 209 15th, Denver, Colo.
Century Electric Co. ("Century," Single Phase). 19th & Pine, St. Louis, Mo.
Chicago Electric Construction Co. (New & Used), 740 W Van Buren, Chicago, Ill.
Cleveland Electric Motor Co., 5313 Windsor, Cleveland, O.
Cline Electric Mfg. Co. (For Printing Machy.), Fisher bldg, Chicago, Ill.
Clinton Supply Co., 117 S Clinton, Chicago, Ill.
Crocker Wheeler Co., Ampere, N. J.
Cushman Elec. Co. ("Cushman" Variable Speed & Direct & Alternating Current), Concord, N. H.
Davis-Watkins Dairymen's Mfg. Co., Dept H, North Chicago, Ill.



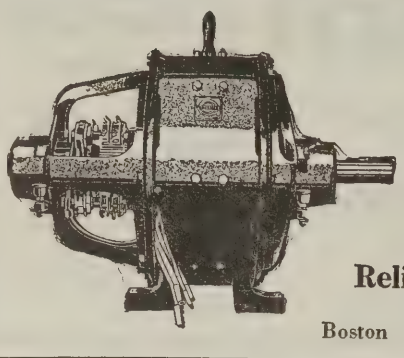
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Dayton Electrical Mfg. Co. (Up to ½ H. P.), Dayton, O.
Dayton Fan & Motor Co., Dayton, Ohio.
Diehle Mfg. Co. (Vehicle), Elizabeth, N. J.
Dilg Mfg. & Trading Co., 27 E 125th, New York
Dodge H. C. Inc. ("D. C. & A. C."), 48 Alger, Boston, Mass.
DUQUESNE ELECTRIC MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Eck Dynamo & Motor Co., Belleville, N. J.
Electric Machy Co., 14th av & N E Tyler, Minneapolis, Minn.
Electro Dynamic Co., Bayonne, N. J.
Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
Fairbanks Morse & Co. (Alternating & Direct Current), 900 S Wabash av, Chicago, Ill.
Fidelity Electric Co. (1-20 to 20 H. P.), Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Machinery & Supply Co. (Dealers, New & Used), 382 Atlantic av, Boston, Mass. *See adv index at end of book*

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Great Lakes Elec. Mfg. Co. ("Glemco"), 11-17 S Desplaines, Chicago, Ill.
Green L. A. (Dealer), First Nat'l Bk. bldg, Pittsburgh, Pa.
Gregory Elec. Co., 1601 S. Lincoln, Chicago, Ill.
Guarantee Elec. Co., 430 S. Green, Chicago, Ill.
Holt Electric Co. (Direct Current), 379 S Pierce, Milwaukee, Wis.
Ideal Electric & Mfg. Co. (Alternating Current, Single Phase Elevator, etc), Mansfield, O.
Imperial Electric Co. (Constant & Variable Speed, Smallest up to 125 H. P.), Akron, O.
Jantz & Leist Electric Co. (Enclosed Type 1¾ to 100 H. P.), Cincinnati, O.
Kandem Electric Co. (Imp), 152 Chambers, New York
Kendrick-Davis Co. (Small, A. C. & D. C.) Lebanon, N. H.
Kimble Electric Co. ("Kimble" Alternating), 634 North Western av, Chicago, Ill.
Kinetic Electric Co., 16 S Schell, Phila., Pa.
Lee & Hoff Mfg. Co., 65 E Water, St. Paul, Minn.

Leitelt Adolph Iron Works, Grand Rapids, Mich.
Lincoln Electric Co., Cleveland, O.
Lindstrom-Smith Co. ("White Cross" Small), 3212 W. Lake, Chicago, Ill.
McKeever Electric Co., 244 S High, Columbus, O.
Machy. Sales & Electric Co. (Also Repairing), 5H E. Fort, Detroit, Mich.
Master Electric Co., 460H Bacon, Dayton, Ohio
MECHANICAL APPLIANCE CO. ("Watson" Direct Current & Polyphase Alternating), 133 Stewart, Milwaukee, Wis.
Manhattan Electrical Supply Co. (Small) Current & Battery), 17 Park pl, New York *See adv index at end of book*
Manufacturers Selling Co. (New & Second Hand), Trenton, N. J.
Mechanical Appliance Co. ("Watson" Direct Current, Single & Polyphase Alternating), Milwaukee, Wis.
Myerson Joseph (Dealers), 411 Atlantic av, Boston, Mass.
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See adv index at end of book
Okeh Electrical Co. (New & Used), 313 S Clinton, Chicago, Ill.
Phoenix Electric Co., Mansfield, O.
See adv index at end of book
Racine Electric Co., Racine, Wis.
Racine Universal Motor Co., 53 W Jackson blvd, Chicago, Ill.
RELIANCE ELECTRIC & ENGINEERING CO., ("Reliance") 1064 Ivanhoe rd, Cleveland, Ohio
See adv index at end of book
Reynolds Electric Co., 2650 W Congress, Chicago, Ill.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Seeger Machine Tool Co., 34 Forsyth, Atlanta, Ga.
Shepard Electric Crane & Hoist Co. (Back Geared), Montour Falls, N. Y.
See adv index at end of book
Slocum & Kilburn (Dirs. New & Used), Dept H, New Bedford, Mass.
Sprague Electric Works (Direct Current), 527 W 34th, New York
Star Dynamo Co. (½ to 25 h-p, ½ to 20 k. w.), Jefferson City, Mo.
Star Electric Motor Co., Miller & N. J. R. R. av, Newark, N. J.
Stow Mfg. Co. Inc. (Multi-Speed), Binghamton, N. Y.
See adv index at end of book
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Syracuse Supply Co., Dept H, Syracuse, N. Y.

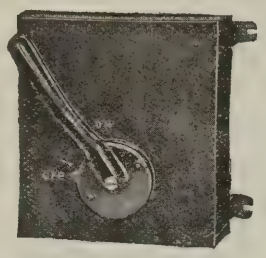
Temco Electric Motor Co. ("Temco"), Leipsic, O.
Triumph Electric Co., Oakley, Cincinnati, Ohio
United States Electrical Co. (New & Used), 703 Van Buren, Chicago, Ill.
U. S. Electric Mfg. Co. (Polyphase 1-4 to 100 H. P.), 300 S Central av, Los Angeles, Cal.
Valley Electric Co., 3157H S. Kingshighway, St. Louis, Mo.
Virginian Electrical & Machinery Works, Charleston, W. Va.
Vonnegut Machinery Co., Indianapolis, Ind.
Wagner Electric Mfg. Co. (Single Phase "Wagner Quality" & Polyphase, Alternating, etc.), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Electric Co., 1622 Vine, Cincinnati, O.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO. (Direct Current), East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Electric Co., 1600 Junction av, Racine, Wis.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

9969—Motors (Electric Crane)

Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Crocker-Wheeler Co., Ampere, N. J.
DUQUESNE ELECTRIC MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Eck Dynamo & Motor Co., Belleville, O. Ohio
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Lincoln Electric Co., Cleveland, O.
MECHANICAL APPLIANCE CO., 133 Stewart, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Sprague Electric Works, 527 W 34th, New York
Triumph Electric Co., Oakley, Cincinnati, Ohio
Wagner Electric Mfg. Co. ("Wagner Quality" Single & Polyphase Alternating Current), 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9970—Motors (Electric Elevator)

Arvac Mfg. Co. ("Jenny"), Anderson, Ind.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Crocker-Wheeler Co., Ampere, N. J.
Eck Dynamo & Motor Co., Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co. ("Ideal Special"), Mansfield, O.
Imperial Electric Co., Akron, O.
Lincoln Electric Co., Cleveland, O.
MECHANICAL APPLIANCE CO., 133 Stewart, Milwaukee, Wis.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Robbins & Myers Co. (For Freight Elevators, 1400 Lagonda av, Springfield, O.
Triumph Electric Co. ("Triumph"), Oakley, Cincinnati, O.
Wagner Electric Mfg. Co. (Single & Polyphase Alternating Current), 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book



An enclosed manually-operated starter which affords protection to operator. (Bulletin 2111.)

C-H

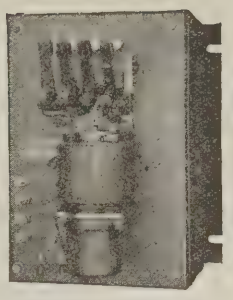
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9971—Motors (Electric Fan)

Arrow Mfg. Co., 618 Broadway, Toledo, O.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
Eck Dynamo & Motor Co. ("Eck Hurricane"), Belleville, N. J.
Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
MECHANICAL APPLIANCE CO. (Direct & Alternating Current, Ventilating), 133 Stewart, Milwaukee, Wis.
Menominee Electric Mfg. Co., Menominee, Mich.
Peerless Electric. Co. ("Peerless"), Warren, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
Syracuse Supply Co., Dept H, Syracuse, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

9972—Motors (Electric, for Flexible Shafts)

Bell Electric Motor Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Eck Dynamo & Motor Co., Belleville, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
Stowe Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

9973— Motors (Electric, for Machine Tools)

Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa. *See adv index at end of book*
Eck Dynamo & Motor Co., Belleville, N. J.
Imperial Electric Co., Dept H, Akron, O.
Lincoln Electric Co., Cleveland, O.
Phoenix Electric Co., Mansfield, O. *See adv index at end of book*
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Triumph Electric Co., Oakley, Cincinnati, Ohio
U. S. Electric Mfg. Co., 300 S Central av, Los Angeles, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

9973a—*Motors (Electric Mining)

Duquesne Electric & Mfg. Co., Bessemer bldg, Pittsburgh, Pa. *See adv index at end of book*

Motors (Electric Railway)

See Generators, Street Railway

9974—*Motors (Electric, Single Phase Railway)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

9975—Motors (Fractional Horse Power)

Eck Dynamo & Motor Co., Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hamilton Beach Mfg. Co. ("Hamilton Beach"), Racine, Wis.
Master Electric Co., 460H Bacon, Dayton, O.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O. *See adv index at end of book*
Wisconsin Electric Co. ("Dumore"), 1600 Junction av, Racine, Wis.

Motors (Gasoline)

See Engines, Automobile; also Engines, Gas & Gasoline; also Engines, Marine, Gasoline

9976— *Motors (Hoisting)

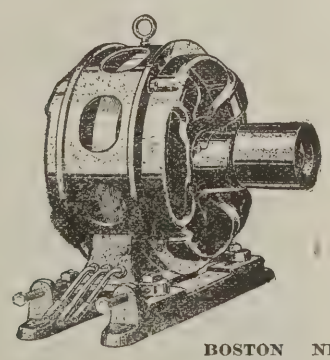
Lincoln Electric Co., Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

9977— Motors (Induction)

Advance Elec. Co., 6315 Maple av, St. Louis, Mo.
Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
Arvac Mfg. Co. ("Jenny" Constant & Variable Speed), Anderson, Ind.
Baldor Electric Co., 4451H Duncan av, St. Louis, Mo.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Century Electric Co. ("Century" Single Phase), 19th & Pine, St. Louis, Mo.
Cleveland Electric Motor Co., 5313 Windsor, Cleveland, O.
Crocker-Wheeler Co. (Alternating Current), Ampere, N. J.
DUQUESNE ELECTRIC & MFG. CO., Bessemer bldg., Pittsburgh, Pa. *See adv index at end of book*
Eager Electric Co., Watertown, N. Y.
Electric Machy Co. (5 H. P. to 50 H. P.), 14th av & N E Tyler, Minneapolis, Minn.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd, Cleveland, O.
GENERAL ELECTRIC CO. (Alternating Current), Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble" Two & Three Phase Constant Speed), 634 N Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Mechanical Appliance Co. (¼ to 45 h-p), Milwaukee, Wis.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O. *See adv index at end of book*

OHIO MOTORS
Fractional Sizes
The OHIO ELECTRIC & CONTROLLER CO.
5900 Maurice Ave., Cleveland, O.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Phoenix Electric Co., Mansfield, O. *See adv index at end of book*
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Robbins & Myers Co. (Factory), 1400 Lagonda av, Springfield, O.
Syracuse Supply Co., Dept H, Syracuse, N. Y.



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MOTORS (INDUCTION)—continued
Triumph Electric Co., Oakley, Cincinnati, Ohio
Western Elec. Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9978—*Motors (Interpole Railway)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

9979—*Motors (Labor Saving Devices)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9980—Motors (Locomobile Turntable)

Draper Mfg. Co. ("McGrath" Pneumatic), Port Huron, Mich.

9981-2— Motors (Naphtha)

See also Engines, Naphtha; also Engines, Oil
Gas Engine & Power Co. & Chas. L. Seabury & Co. (2 & 4 Cycle), Morris Heights, N. Y.

Motors (Oil)

See Engines, Oil

9983— Motors (Organ)

See also Motors, Water
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Eck Dynamo & Motor Co., Belleville, N. J.
Imperial Electric Co., Dept H, Akron, O.
Kipp Engine Works, Ossining, N. Y.
Organ Blowing Engng. Co., Fon du Lac, Wis.
Rhodes L. E. ("Spencer"), Hartford, Conn.
Roberts Geo. J. Co., Dayton, O.
Ross Valve Mfg. Co. ("Ross" Water Engines), 9 Oakwood av, Troy, N. Y.
Spencer Turbine Co. ("Spencer" Electric), Electric), Hartford, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Whitney F. E. Co. ("The Boston"), 65 Sudbury, Boston, Mass.

9984—Motors (Organ Blowing, Electric)

Bell Electric Motor Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Eck Dynamo & Motor Co., Belleville, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Lincoln Electric Co., Cleveland, O.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Racine Electric Co., Racine, Wis.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Electric Co., 1600 Junction av, Racine, Wis.

9985—*Motors (Piano, Automatic)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Pneumatic)

See Pneumatic Motors

9986—*Motors (Printing Press)

Eck Dynamo & Motor Co., Belleville, N. J.
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd, Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9987-8— Motors (Pump)

Eck Dynamo & Motor Co., Belleville, N. J.
Imperial Electric Co., Dept H, Akron, O.
Lincoln Electric Co., Cleveland, O.
Phoenix Electric Co., Mansfield, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9989—Motors (Rowboat, Detachable)

American Engine Co., 2nd and Amsterdam, Detroit, Mich.
Blakley Engine Co., Muskegon, Mich.
Caille Perfection Motor Co., 2nd and Amsterdam, Detroit, Mich.
Elto Outboard Motor Co. (Ole Evinrude, President), 62 Mason, Milwaukee, Wis.
Evinrude Motor Co., 279 Walker, Milwaukee, Wis.
Jewel Electric Co. (Electric), 4714 B'way, Chicago, Ill.
Koban Mfg. Co. ("Koban"), 241 S. Water, Milwaukee, Wis.
Lewis Motor Mfg. Co., Fostoria, O.
Lockwood Ash Motor Co., Jackson, Mich.
Manumotors Co. ("Manumotor" Manual), Manitowoc, Wis.
Spinaway Boat Motor Co. ("Spinaway" Detachable), Freeport, Ill.
Waterman Motor Co., 235 Mt. Elliott, Detroit, Mich.
Wisconsin Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.

9989a—Motors (Sewing Machine, Electric)

Bissel F. Co., Toledo, O.
Fidelity Elec. Co., Lancaster, Pa.
Hamilton-Beach Mfg. Co. ("Hamilton Beach"), Racine, Wis.
Stecker Elec. & Mach. Co. (Small Motor), Dewey, Detroit, Mich.
Victor Elec. Corp. (Small), 236 S Robey, Chicago, Ill.
Western Elec. Co. (Portable Sewing Mach. Motor Unit), 463 West, New York
Westinghouse Electric & Mfg. Co. (Sewing Motor-Sewing Machine), East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

Motors (Single Phase, Electric)

See Motors, Induction

9989b— Motors (Spring)

Electric Novety Works, 533 Mission, San Francisco, Cal.
General Phonograph Corp., 25 W 45th, New York
Hedason Mfg. Co. (Phonograph), 1041 State, New Haven, Conn.
Heinman Otto Phonograph Supply Co. (For Phonographs), 25 W 45th, New York
National Vitaphone Corp., Plainfield, N. J.
Raymond Engineering Corp., 309 Lafayette, N. Y.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
United Mfg. & Distributing Co. ("United"), 536 Lake Shore Drive, Chicago, Ill.

9990— *Motors (Steel Mills)

Lincoln Electric Co., Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9991— Motors (Stoker)

Union Steam Pump Co., Battle Creek, Mich.

9992— Motors (Synchronous)

Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
Burke Electric Co. (Synchronous Induction), Erie, Pa.
Electric Machy Co. (25 H. P. to 3000 H. P.), 14th av & N E Tyler, Minneapolis, Minn.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9993—Motors (Talking Machine)

American Phonoparts Co., 501 W 35th, Chicago, Ill.
Arnold Electric Co., Racine, Wis.
Arrow Mfg. Co. (Electric), 618 Broadway, Toledo, O.
General Phonograph Mfg. Co. (Spring), Elyria, O.
Jones-Motrola Co., 29 W 35th, New York
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Shelton Electric Co., 30 E 42d, New York
Thomas Mfg. Co., Dayton, O.
Tiffany Motor Co., West New York, N. J.
Veeco Co., 248 Boylston, Boston, Mass.

9994—Motors (Textile Machinery)

Eck Dynamo & Motor Co., Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9995— Motors (Tractor)

Davis Mfg. Co. (Gasoline & Kerosene), Milwaukee, Wis.
Doman H. C. Co., Oshkosh, Wis.
Hercules Motor Mfg. Co. (Gasoline), Canton, O.
Midwest Engine Co. ("Utilitor"), Dept H, Indianapolis, Ind.
Rutenber Motor Co. (Gasoline), Marion, Ind.

9996— *Motors (Turntable)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9997— Motors (Valve)

Eck Dynamo & Motor Co., Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
Smith A. P. Mfg. Co. (Hydraulic), E Orange N. J.

9998—Motors (Variable Speed)

Allis-Chalmers Mfg. Co. ("A. C." Electric), Milwaukee, Wis.
Arvac Mfg. Co. ("Jenny"), Anderson, Ind.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Crocker-Wheeler Co., Ampere, N. J.
Cushman Electric Co. ("Cushman"), Concord, N. H.
Eck Dynamo & Motor Co., Belleville, O.
Electric Machy Co. (5 H. P. to 500 H. P.), 14th av & N E Tyler, Minneapolis, Minn.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
FUERST-FRIEDMAN CO. (THE), 1251 W. 3rd, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble" Single Phase Alternating Current), 634 North Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Triumph Electric Co., Oakley, Cincinnati, Ohio
Wagner Electric Mfg. Co. ("Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Electric Co., 327 E 6th, Cincinnati, O.

9999-10017—Motors (Water)

Althouse-Wheeler Co. ("Waupun"), Waupun, Wis.
American Water Motor Co. ("American" Automatic), Columbus, O.
American-Water Softener Co. (Direct Acting), 10th & Chestnut, Phila., Pa.
Backus Water Motor Co., 172 Penna av, Newark, N. J.
Bowers Machine Co. (Dental),, Lancaster, Pa.
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Cleveland Specialty & Mfg. Co., Cleveland, Ohio
Dayton Washing Machine Motor Co., Dayton, O.
Divine Bros. Co. ("Divine," "Red Devil"), Utica, N. Y.
Douds Frank C. & Co. ("Douds" Plain & Equipped with Grinding Wheel), New Castle, Pa.
Gaylord & Eltapenc Co. ("Climax"), Binghamton, N. Y.
Globe Automatic Sprinkler Co. ("Globe"), 3035H Washington av, Phila., Pa.
Hunter Fan & Motor Co. ("Syracuse," "Tuerk"), Fulton, N. Y.
Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.
Hydraulic Iron Works, Erie, Pa.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Krott L. E. Apparatus Co. (1-6 H. P. with Countershaft Gear), 79 Amherst, Cambridge, Mass.
Little Thos. A., Wheeling, W. Va.
New Favorite Mfg. Co., 183 W Maple, Columbus, O.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Reliable Water Motor & Mfg. Co., Burlington, Ia.
Roberts Geo. J. Co., Dayton, O.
Ross Valve Mfg. Co. (For Pumping Organs), 9 Oakwood av, Troy, N. Y.
Roto Co. ("Roto"), Hartford, Conn.
Rover A. B., Binghamton, N. Y.
Russell Jno. W. & Sons Co. ("Hercules"), Springfield, Mass.
Smith Winfield H. ("Niagara"), Buffalo, N. Y.
Springfield Brass Co. ("Success"), Springfield, O.
Tuerck Water Motor Co., 172 W Washington, Chicago, Ill.
Vaile-Kilmes Co. ("V. & K." Automatic), Dayton, O.
Valley City Machine Works (For Washing Machines, etc), Grand Rapids, Mich.
Whitney F. E. Co., 65 Sudbury, Boston, Mass.

Moulds

See Molds, Various Kinds

10018—Mountings (Automobile)

Attwood Brass Works, Grand Rapids, Mich.
Columbus Brass Co. (Dash & Foot Rails), 538 Dublin av, Columbus, O.
See adv index at end of book
Cowles C. & Co., New Haven, Conn.
Dahlstrom Metallic Door Co. (Light Angles & Channels), 413 Buffalo, Jamestown, N. Y.
E V B Mfg Co., New Haven, Conn.
Ellison Brass Mfg. Co., Jamestown, N. Y.
English & Mersick Co., New Haven, Conn.
Motor Products Corp. (Brass & Nickeled Rails), Mack & Outer Belt Line, Detroit, Mich.
Murdock W. Jas. Co. (Metal), 116 Opera pl, Cincinnati, O.
Oakes Co. The (Drawn Sheet Metal), Indianapolis, Ind.

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Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
White Mfg. Co. (Mouldings), Bridgeport, Conn.
Wing Chas. Co., Amesbury, Mass.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

10019— Mountings (Bag)

Conlan Bernard & Co. (For Belts, Buckles, Purses, Ornaments, etc), 87 Hamilton, Newark, N. J.
Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book

10020—Mountings (Umbrella & Parasol)

Novelty Mfg. Co., Waterbury, Conn.
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book
Woolson James B., Watertown, Conn.

10021—Mounts (Photographic)

Angel H. Reeve & Co., Inc., 7 Spruce, New York
Bridges Mfg. Co., Rochester, N. Y.
McCabe & Co., 215 Pearl, New York

10021a— Mouthpieces for Various Purposes

Standard Electric Mfg. Co., 216 N. Clinton, City

10022—Movements (Clock, Gauge, Meter, Etc.)

Ansonia Novelty Co., Ansonia, Conn.
Fiego Alex. J. R., Lynn, Mass.
New Haven Clock Co. (clocks only), New Haven, Conn.
PLUMB D. S., 73-77 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book
Reeves Mfg. Co., Milford, Conn.
Waterbury Clock Co., Waterbury, Conn.

10023—*Movements (Recording & Scientific Instrument)

PLUMB D. S. (Also for Clocks, Meters, Gauges, etc), 73-77 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

10024—Mower & Reaper Sections

Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Stevenson Mfg. Co. (Wooden), South Bend., Ind. *See adv index at end of book*
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

10025— Mowers

See also Agricultural Implements Mfrs., Harvesters, Reapers

Acme Harvesting Machine Co. ("Acme" Grass Mowers), Peoria, Ill.
Beatrice Iron Works, Beatrice, Neb.
Deere John Harvester Works, East Moline, Ill.
Emerson Brantingham Co. ("E. B." & "E. B. Osborne," "Standard"), Rockford, Ill.
Eureka Mower Co. (Eureka Field), 16 Hickory, Utica, N. Y.
Granite State Mowing Machine Co., Hinsdale, N. H.
Independent Harvester Co. ("Independent"), Plano, Ill.
International Harvester Company of America (Inc.) ("Deering," "McCormick," "Milwaukee"), Harvester bldg, Chicago, Ill.
Massey Harris Harvester Co. ("Johnston"), Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Adriance," "Buckeye," "Thomas Crown"), Moline, Ill.
Plattner Yale Mfg. Co. ("Plattner"), Lincoln, Neb.
Richardson Mfg. Co., Worcester, Mass.
Sandwich Mfg. Co., Sandwich, Ill.
Sieberling & Miller Co., Doylestown, O.
Thomas Mfg. Co. ("Thomas Crown" Regular & Changeable Speed & Ditch Bank), Springfield, O.
Wood W. A. Mowing & Reaping Machine Co. (Giant Admiral), Hoosick Falls, N. Y.

10026— Mucilage Mfrs.

See also Dextrine, Liquid Glue, Paste, etc

Arabol Mfg. Co., 100 William, New York
Bankers' Ink Co., Kansas City, Mo.
Barnes National Ink Co., 222 N 5th, Phila., Pa.
Berners E. C. ("Berners" Pencil), 1404H 15th, Two Rivers, Wis.
Carter's Ink Co. ("Great Stickest"), E Cambridge, Boston, Mass.
Continental Mfg. Co. ("Willstick," "Universal"), 4611 Girard, Phila., Pa.
Davids Thaddeus Ink Co., 97 Van Dam, New York
Davis Wm. A. Co. ("U. S. Treasury"), 40 Batterymarch, Boston, Mass.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Diamond Ink Co., 192 E Water, Milwaukee, Wis.
Elwell B. F. Glue Co., Rockport, Mass.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Ink Ribbon Mfg. Co. ("Quicksticker"), 635 Howard, San Francisco, Cal.
Keller Robt Ink Co., 1441 Bklyn, Detroit, Mich.
Kirk Harry D., 2316 W Harrison, Chicago, Ill.
Levinson & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Moore J. & I. E., Warren, Mass.
National Gum & Mica Co., 59th & 11th av, New York
Nicol J. M. & J. S., Hawthorne, N. J.
Pomeroy Ink Mfg. Co., 155 E Park, Newark, N. J.
Thomas L. H. Co., West Congress & S Peoria, Chicago, Ill.
Woodmansee F. A., 117 E Pearl, Cincinnati, O.

10026a— *Muddlers (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Mudguards (Automobile)

See Fenders & Guards, Automobile.

10027—Muffle Furnace Fronts

Bethlehem Foundry & Machine Co. (For Chemical Mfrs., etc), South Bethlehem, Pa.
General Phonograph Corp., 25 W 45th, New York

10028—Mufflers (Autmobile)

Emco Mfg. Co., 1H Starr av, Binghamton, N. Y.
Empire Metal Tank Works, E Rochester, N. Y.
Gem Stamped Steel Co. ("Gem" Exhaust), Chelsea, Mass.
Gemco Mfg. Co. ("Anti-Explo," "Milwaukee"), Milwaukee, Wis.
Geer Harry R. Co. (Motor Cycles), 858 McLaran av, St. Louis, Mo.
Geuder, Paeschke & Frey Co. (Exhaust), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gray-Hawley Mfg. Co. ("Gray"), 3123 Jeff av, East Detroit, Mich.
Hayes Mfg. Co., 455 Mayberry, Detroit, Mich.
Kells W. J. Mfg. Co., 521 W 45th, New York
Louisiana Metal Cabinet Works, 1919 Bienville, New Orleans, La.
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Milwaukee Auto Engine & Supply Co., 841 29th, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Northway Motor & Mfg. Co., Mayberry & G. T. R. R., Detroit, Mich.
Oldberg Mfg. Co., 76-86 Forest E, Detroit, Mich.
Pettis W. W. Co., 416-417 First Nat'l Bank bldg, Cincinnati, O.
Powell Muffler & Timer Co., Utica, N. Y.
Smith D. B. & Co. ("Yankee"), Utica, N. Y.
Troike Muffler & Mfg. Co. ("Troike"), Loraine, O.
Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.
Weiss L. T., 286 Taaffe pl, Brooklyn, N. Y.
Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Xardell Bros. Co. (Vacuum), Utica, N. Y.
Yankee Co. ("Yankee" Silent), Utica, N. Y.

10028a—*Mufflers (Gas Engine)

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

10028b—Mufflers (Marine)

Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
Laughlin Thos. Co. ("Vapo"), Portland, Me. *See adv index at end of book*
Thermex Silencer Works, 6 Lewis, Boston, Mass.
Yankee Co., Utica, N. Y.

10029—*Mufflers (Pop Valve)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

10030— Muffles

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co. Platinum Wks., Malvern, Pa.
Braun-Knecht-Heimann Co. (Colorado Clay), 576-584 Mission, San Francisco, Cal.
Carborundum Co. (Silfrox), Niagara Falls, N. Y.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & Av Y. R. R., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering Mfg. Co. (Annealing), American bldg, Baltimore, Md.
Thermal Syndicate (Ltd.), 50 E 41st, New York
Vaughn Machinery Co. (Wire & Wire Discs), Cuyahoga Falls, O.
See adv index at end of book
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

10031—Muffles (Enameling)

Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Denver Fire Clay Co., Denver, Colo.

10032— Mugs (Beer)

Central Glass Works, Wheeling, W. Va.
Monongah Glass Co., Fairmont, W. Va.
Rochester Tumbler Co., Rochester, Pa.

10033-4—Multi Stage, High Lift Centrifugal Pumps

Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.

Muriate of Ammonia

See Sal-Ammoniac

Muriate of Potash

See Firms in Potash with the word "Muriate" following name.

Muriates of Tin

See Tin Crystals

10035—Music Holders or Racks

Riordan T. G. Mfg. Co., 3943 Lincoln av, Chicago, Ill.
Syracuse Wire Works (Wire, Piano Player Roll Racks, 101 University av, Syracuse, N. Y.

10036— Muslin (Varnished)

Dielectric Mfg. Co. (For Electrical Insulation), 224 S Vandeventer av, St. Louis, Mo.

10036a— Mutes (Violin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10037— Muzzles (Dog)

Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Graham & Berwin (Leather), 107 Lafayette, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Stevens Walter B. & Son ("Happidog"), 107 Chambers, New York
Wire Goods Co., Worcester, Mass.

10038—Muzzles (Horse & Ox)

Barbee Wire & Iron Works (Wire), 111 Washington, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Langstroth T. W. (Horse), 77 Warren, New York
Thrope F. M. Mfg. Co., Larmar, Mo.
Wire Goods Co. (Japanned Wire, etc., Worcester, Mass.

10039— Myrbane

Berlin Aniline Works, 213 Water, New York; also Chemical Co. (Oils, for Soap & Perfumery), Bound Brook, N. J.
Calco Chemical Co. (Oils, for Soap and Perfumery), Bound Brook, N. J.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Holliday, Read & Sons, Ltd. (Imported), 160 Franklin, New York
Magnus, Mabee & Reynard (Imp.), 257 Pearl, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

10040— Myrobalans

Carleton & Moffat ("Imp"), 80 Maiden la, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Haley-Hammond Co., 129 Pearl, New York
Imis, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Marden, Orth & Hastings Co. (Imp.), 136 Liberty, New York
Worden Chemical Works (Imp.), 4 Cedar, New York

10041— Nail Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Browne & Dowd Mfg. Co. (Knurled Cup Point), Meriden, Conn.
Buell Bros., Clinton, Conn.
Buffum Tool Co. ("Swastika," Tinners), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass
Cronk & Carrier Mfg. Co., Elmira, N. Y.
See adv index at end of book
Deschanel Engng. Corp., 90 West, New York
Deuse J. S., Chester, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Igoe Brothers (Nails in Packages), Canal & Lafayette, New York
See adv index at end of book

Irwin Auger Bit Co., Wilmington, O.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Johnson Wm. (Hedenberg Works), (Plain, Knurled Cup Points), Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner ("U. S."), Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Plumb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpenezy"), Plantsville, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Steffen Gustave, 1934-38 N Reese, Philadelphia, Pa.
Stortz John & Son, 210 Vine, Phila, Pa.
Syracuse Twist Drill Co. ("Syracuse" & "Norol"), Borden av, Syracuse, N. Y.
Thayer Mfg. Co., Williamsburg, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co., Torrington, Conn.
See adv index at end of book
Tuck Mfg. Co. (Plain, Corrugated, Knurled & Channel), Brockton, Mass.
Union Tool Co., Orange, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll," "O. K."), West Haven, Conn.
Williams William Jr., New Britain, Conn.

10041a—Nailing Courses (Fireproof)

Flexner-Taylor Co. (Ltd.), ("Flexner" for Floor & Slate Nailing), 786 E. Broadway, So. Boston, Mass.

10042— Nails (Aluminum)

Hassell Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Townsend Co., New Brighton, Pa.
See adv index at end of book

10043—Nails (Aluminum Coated)

Wilder Metal Coating & Mfg. Co., Connellsville, Pa.

10044— Nails (Barbed)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, O.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 472-744 W Van Buren, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Norton Iron Works (Common & Car), Ashland, Ky.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. (Common & Car "Youngstown"), Youngstown, O.

Nails (Barrel)

See Nails, Box

10045— Nails (Basket)

American Steel Co., Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 La Salle, Chicago, Ill.
See adv index at end of book
Genesee Tack Co., Rochester, N. Y.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Independent Steel Corp., 111 Broad, New York
Laboratories (Liquid), 25 W. 45th, New York
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10045a—Nails (Blue Lathed, Sanitary)

Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Sheet & Tube Co. ("Youngstown), Youngstown, O.

10046— Nails (Box)

See also Nails, Wire

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Barbed & Smooth), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co. (Plain & Barbed), Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Independent Steel Corp., 111 Broad, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Milwaukee Tack Co. (Berry Box, Basket, etc), 27th & Wahl av, Milwaukee, Wis.
Norton Iron Works, Ashland, Ky.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.
Stanley Geo. W. Co. (Barrel Only), Belleville, Ill.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Tremont Nail Co. (Cut), West Wareham, Mass.
Van Alen & Co. (Cut), Northumberland, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10047—Nails (Brass & Copper)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co. (Copper), 2657 E. 79th, Cleveland, O.
Atlas Tack Co., Fair Haven, Mass.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Clendenin Bros. (Copper), cor Central av & Fawn, Baltimore, Md.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Hassall Jno. (Inc.), (Boat, Slating, etc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co., (Star"), 80 Lafayette, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Mattatuck Mfg. Co. (Brass Furniture), Waterbury, Conn.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Rome Brass & Copper Co. (Cut Copper), Rome, N. Y.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Stimpson Edwin B. Co., 68H Franklin av, Brooklyn, N. Y.
Taunton-New Bedford Copper Co. (Composition & Copper), Taunton, Mass.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Turner & Seymour Mfg. Co. (Fancy Brass), Torrington, Conn.
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book
Wilson Steel Products Co. (Copper, Cobblers'), Dept H, 49th & Western av, Chicago, Ill.

10048— Nails (Broom)

American Steel Co., H Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co. (Also Brush), Dept H, 49th & Western av, Chicago, Ill.

10048a— Nails (Car Lining)

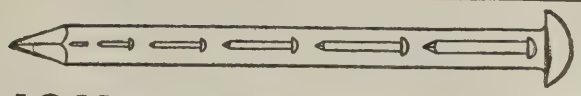
Weather Proofing Nail Co. ("Capual"), Baltimore, Md.
Wilson Steel Products Co. (& Carriage), 49th & Western av, Chicago, Ill.



Rivets

Escutcheon Pins

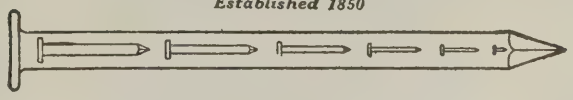
Quick Deliveries



JOHN HASSALL, Inc.

Clay and Oakland Streets, Brooklyn, N. Y.

Established 1850



Special Wire Nails in all Metals

Prompt Shipments



10049— Nails (Carpet)

AMERICAN STEEL & WIRE CO. ("Peerless," "American" Tacks), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Milwaukee Tack Co. ("Bonita," "Standard," "Leroy," etc), 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterman R. C. & Co., S. Hanover, Mass.
Wilson Steel Products Co. (Also Stair), Dept H, 49th & Western av, Chicago, Ill.

10050— Nails (Casing)

American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. (Casing & Smooth Box "Youngstown"), Youngstown, O.

10051—Nails (Cement Coated Wire)

American Steel Co., Park bldg, Pittsburgh, Pa.
Cambria Steel Co., Widener bldg, Phila, Pa.
Continental Steel & Supply Co., Fulton bldg, Pittsburgh, Pa.
Eastern Nail Co., Providence, R. I.
Fischer & Hayes, Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Indiana Steel & Wire Co., Muncie, Ind.
Independent Steel Corp., 109H Broad, New York
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kokomo Nail & Brad Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Middleton Nail Works ("Midio" "Stickers"), 911 Callowhill, Phila., Pa.
Middleton Howard W. Co. ("Midco," "Stickers"), 911 Callowhill, Phila., Pa.
Pearson J. C. Co., Old South bldg, Boston, Mass.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.
Sterling Nail & Specialty Co., 209 H S La Salle, Chicago, Ill.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Walton & Macke Nail Co., Kokomo, Ind.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10052— Nails (Cigar Box)

American Steel Co., H Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Waterman R. C. & Co., S. Hanover, Mass.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10052a— Nails (Clamp)

Siegler Wm. & Son, 115 S Clinton, Chicago, Ill.

10053— Nails (Clinch)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Baker Chas. F. & Co. (Wired), 48 Lincoln, Boston, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
Roberts G. G. Corp. ("Bull Dog"), Whitman, Mass.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Van Alen & Co. (Cut), Northumberland, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

Nails (Clout)

See Nails, Trunk, Clout & Finishing

10054— Nails (Clutch)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary's" Patent Twisted), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10055— Nails (Coated)

American Steel Co., H Park bldg, Pittsburgh, Pa.
Brower Roy L. Corp., 86 Front, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Independent Steel Corp., 111 Broad, New York
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.
Steel Wire Products Co., Preble & Seymour, Pittsburgh, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10056— Nails (Corrugated)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Penn Tack Co. (Brass, Cobblers', Headless Tapping), Norristown, Pa.
Phillips E. & Sons (Brass & Iron), South Hanover, Mass.
Rome Brass & Copper Co. (Brass Shoe), Rome, N. Y.
Townsend Co., New Brighton, Pa.

10057— Nails (Cut)

Brooke E. & G. Iron Co. (Black & Galvanized, Iron or Steel), Birdsboro, Pa.
Eastern Nail Co., Providence, R. I.
Fisher C. W., 53H Broadway, New York
Great Lakes Steel Products Co., 431 S Dearborn, Chicago, Ill.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
IGOE BROTHERS, 61-73 Metropolitan av., Brooklyn, N. Y.
See adv index at end of book
Igoe Bros., Poinier, Newark, N. J.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kelly Nail & Iron Co., Ironton, O.
La Belle Iron Works, Steubenville, O.
LARKIN J. K. & CO. (Iron & Steel), 253 Broadway, New York
See adv index at end of book
Lessig Geo. B. Co. (Iron & Steel), Pottstown, Pa.
Malleable Iron Fittings Co. ("M. I. F. Co." Zinc Coated Iron), Branford, Conn.
Norton Iron Works, Ashland, Ky.
Penn Tack Co. (Blue & Tinned), Norristown, Pa.
Pickering R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.
Stanley Geo. W. Co., Belleville, Ill.
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co. (Iron & Steel), Northumberland, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10058—Nails (Double Headed)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Neider F. A. & Co. ("Economy"), Dept H, Augusta, Ky.

Nails (Electrotypers' & Engravers')

See Nails, Small

Nails (Finishing)

See Nails, Trunk, Clout & Finishing

10059— Nails (Foundry)

American Steel Co., Park bldg, Pittsburgh, Pa.
Angell Nail & Chaplet Co., 2657 E 79th, Cleveland, O.
Brooke E. & G. Iron Co. (Iron), Birdsboro, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10060-1—Nails (Galvanized)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S. La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 3657 E. 79th, Cleveland, O.
Belfont Iron Works Co. (Wire), Ironton, O.
Brooke E. & G. Iron Co. (Cut), Birdsboro, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Eastern Nail Co., Providence, R. I.
Fisher C. W., 52H Broadway, New York
Globe Iron Roofing & Corrugating Co., Dept H, Newport, Ky.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 263 B'way, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Iron & Steel, Cut, Wire & Boat Nails, etc), Branford, Conn.
Newport Rolling Mill Co., Newport, Ky.
Pittsburgh Steel Co. ("Pittsburgh Perfect" Wire, All Kinds), 5th av & Grant, Pittsburgh, Pa.
Shelby Wire Co., Dept H, Shelby, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Tremont Nail Co. (Cut), West Wareham, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co. Inc. (Cut, Boat & Wire), Middletown, Conn.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10062—Nails (Gilt, Furniture, Etc.)

Traut & Hine Mfg. Co., New Britain, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10063—Nails (Hand Picked)

Hassall Jno. (Inc.) (For Machine Driving), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Townsend Co., New Brighton, Pa.
See adv index at end of book

10064— Nails (Hoop)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Genesee Tack Co., Rochester, N. Y.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Norton Iron Works, Ashland, Ky.
Superior Tack & Nail Co., Derby, Conn.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10065— Nails (Horse)

Ausable-Essex Horse Nail Co. ("Ausable," "American," "Clinton"), Keeseville, N. Y.
Capewell Horse Nail Co., Hartford, Conn.
Essex Horse Nail Co. (Ltd.), Essex, N. Y.
Fowler Nail Co. ("Vulcan," "Reliance," "Shamrock," "Crown"), Seymour, Conn.
Standard Horse Nail Co. ("Brighton," "Russell," "Beaver," "Bright Shear Blue," "New Standard," "Leader"), New Brighton, Pa.
Union Horse Nail Co. ("Northwestern"), 1524 W 22d, Chicago, Ill.

10066— Nails (Hub Band)

Atlas Tack Co., Fair Haven, Mass.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10067— Nails (Hungarian)

Genessee Tack Co., Rochester, N. Y.
Wilson Steel Products Co. (Iron), Dept H, 49th & Western av, Chicago, Ill.

10068— Nails (Insulated)

Eureka Supply Co., Sewell, N. J.

10069— Nails (Lead)

Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Igoe Brothers (Lead Head), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Lampson Lumber Co., New Haven, Conn.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Townsend Co., New Brighton, Pa.
See adv index at end of book

10070— Nails (Mission)

Turner & Seymour Mfg. Co. (Cast Brass), Torrington, Conn.

10071—Nails (Nailing Machine)

Am. Steel Co., H Park bldg, Pittsburgh, Pa.
Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10072—Nails (Needle Point)

Angell Nail & Chaplet Co., 3657 E. 79th, Cleveland, O.
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.
See adv index at end of book

10072a—Nails (Nickel Silver)

Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.

10073— Nails (Numeral)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.

10074— Nails (Oxidized)

Baltimore Oxidized Nail Co., 215 S Central av, Baltimore, Md.

Nails (Photo Engravers')

See Nails, Electrotypers' & Engravers'

10075— Nails (Picture)

Parker Wire Goods Co. ("Crown" Brass Capped), Worcester, Mass.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Turner & Stanton Co. (Gilt & Fancy), Norwich, Conn.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10076—Nails (Roofing & Slating)

American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Barbed, Felt, Slating, Shingle, etc.), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 2657 E 79th, Cleveland, O.
Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Tack Works (Slating), 1205 E 55th, Cleveland, O.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Crescent Brass & Pins Co. ("Simplex" Roofing Only), 5766H Trumbull, Detroit, Mich.
Delphos Mfg. Co. (Roofing), 1st & Pierce, Delphos, O.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Co., Birmingham, Ala.
Hassell Jno. (Inc.), (Copper Wire), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co. (Copper & Yellow Metal), 80 Lafayette, New York
Hussey C. G. & Co. (Slating Nails), 2850 2d av. Pittsburgh, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co. (Roofing Only), 253 Broadway, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co.," Zinc Coated Iron), Branford, Conn.
Miller's H. J. Sons (Weatherproof Shingle), Bridgewater, Mass.
Milwaukee Corrugating Co. (Jobbers), Milwaukee, Wis.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Norton Iron Works, Ashland, Ky.
Phillips E. & Sons, S Hanover, Mass.
Pittsburgh Steel Co. ("Pittsburgh Perfect" Large Head), 5th av & Grant, Pittsburgh, Pa.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Sherman H. B. Mfg. Co. ("Simplex" Roofing Nails), Battle Creek, Mich.
Taunton-New Bedford Copper Co., Taunton, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co., Northumberland, Pa.
Weatherproofing Nail Co. ("Capual" Weather Proofing), Baltimore, Md.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co. (Barbed), Worcester, Mass.
Youngstown Sheet & Tube Co. (Slating & Barbed Roofing "Youngstown"), Youngstown, O.

10077—Nails (Rubber Headed)

Combination Rubber Mfg. Co., Bloomfield, N. J.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.

10078— Nails (Rubber Heel)

Eastern Nail Co., Providence, R. I.
Townsend Co., New Brighton, Pa.
See adv index at end of book

10079—Nails (Saddle & Lining)

Atlas Tack Co., Fairhaven, Mass.
Enterprise Mfg. Co. ("Pflueger" Harness Spots & Saddle Nails), Akron, O.
Kokomo Steel & Wire Co., Kokomo, Ind.
Shelton Tack Co. (Lining Only), Shelton, Conn.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

Nails (Screen)

See Nails, Small

10080— Nails (Screw Head)

Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Stimpson Edwin B. Co., 68H Franklin av, Brooklyn, N. Y.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10081—Nails (Self-Clinching)

Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Townsend Co., New Brighton, Pa.
See adv index at end of book

10082— Nails (Sherardized)

Eastern Nail Co., Providence, R. I.

10083— Nails (Shingle)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 3657 E. 79th, Cleveland, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Maze W. H. Co. (Solid Zinc), Peru, Ill.
Miller's H. J. Sons, Bridgewater, Mass.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
National Sheet Metal Co. (Zinc), Peru, Ill.
Shelby Wire Co., Dept H, Shelby, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10084— Nails (Shoe)

Atlas Tack Co., Fairhaven, Mass.
Churchill & Allen, Lynn, Mass.
Clendenin Brothers (Brass & Brass Plated), Central av & Fawn, Baltimore, Md.
Cleveland Tack Works, 1205 E 55th (Also **Shoe Tacks), Cleveland, O.**
Cross W. W. & Co., Brockton, Mass.
Diamond Tack & Nail Works, 89 Beach Boston, Mass.
Eastern Nail Co. (All Kinds), Providence, R. I.
Gurney D. B. Co., Whitman, Mass.
H. C. Tack Co., Cleveland, O.
Hassall Jno. Inc., Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Haverhill Tack Co., Haverhill, Mass.
Holland Mfg. Co., Central av. & Bank, Baltimore, Md.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Milwaukee Tack Co. (Iron, Steel & Zinc), 27th & Wahl av, Milwaukee, Wis.
National Tack Co., East Bridgewater, Mass.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons (Also Machine, Shoe, Brass & Copper Shoe), South Hanover, Mass.
Roberts G. G. Corp., Whitman, Mass.
Rome Brass & Copper Co. (Corrugated Brass), Rome, N. Y.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Stevens & Willis Co., South Braintree, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
United States Tack Co., Dept H, New Bedford, Mass.
Waterman R. C. & Co., So Hanover, Mass.
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10084a— *Nails (Side Pointed)

American Steel & Wire Co., 208 S La Salle. Chicago, Ill. *See adv index at end of book*

10085— Nails (Small)

See also Tack Manufacturers
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co., Ironton, O.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Fuller G. E. & A. I., Keene, N. H.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Igoe Brothers, 61 - 73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Phillips E. & Sons (Iron, Steel, Copper, Brass & Zinc), S Hanover, Mass.
Rhodes M. M. & Sons Co. (Upholstery), Taunton, Mass.
See adv index at end of book
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp., Whitman, Mass.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Stanley Geo. W. Co., Belleville, Ill.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Torrington Mfg. Co. (Furniture), Torrington, Conn.
Tower Mfg. Co. (Basket Hoop, etc), Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Tremont Nail Co. (Cut), West Wareham, Mass.
Turner & Seymour Mfg. Co. (Furniture, etc), Torrington, Conn.
Waterman R. C. & Co., So Hanover, Mass.
Wilson Steel Products Co. (Screen), Dept H, 49th & Western av, Chicago, Ill.
York Tack & Nail Works (Cut), York, Pa.

10086—Nails (Socket Corner)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

10087— Nails (Special)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, O.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
HASSALL JNO. INC. (Also Plated), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10088— Nails (Stay)

Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

10089— Nails (Tie Dating)

American Steel & Wire Co. (Tie Pole or Marking), 208 So La Salle, Chicago, Ill.
See adv index at end of book
Igoe Brothers, 61 - 73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Townsend Co., New Brighton, Pa.
Western Railway Equipment Co., Central National Bank bldg, St. Louis, Mo.

10090—Nails (Tobacco Box)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61 - 73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Norton Iron Works, Ashland, Ky.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10091—Nails (Trunk Clout & Finishing)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fair Haven, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Diamond Tack & Nail Works, 89 Beach, Boston, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Genesee Tack Co., Rochester, N. Y.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Holland Mfg. Co., Central av & Bank Baltimore, Md.
Igoe Brothers, 61 - 73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Norton Iron Works, Ashland, Ky.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons, South Hanover, Mass
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Somers Patrick E., Worcester, Mass.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.
Stanley Geo. W. Co., Belleville, Ill.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Van Alen & Co. (Cut), Northumberland, Pa.
Waterman R. C. & Co., So Hanover, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. (Finishing "Youngstown"), Youngstown, O.

Nails (Upholsterers')

See Tacks, Upholsterers'

10091a— *Nails (Wagon)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Townsend Co., New Brighton, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept H, 49th & Western av, Chicago, Ill.

10092— Nails (Wire)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, O.
Atlantic Steel Co., Atlanta, Ga.
Atlas Tack Co. (And Wire Tacks), Fairhaven, Mass.
Badger Nail Co., 159 Muskego av, Milwaukee, Wis.
Baker Chas. F. & Co., 43 Lincoln, Boston, Mass.
Belfont Iron Works Co., Ironton, O.
Brower Roy L. Corp., 86 Front, New York
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cedarburg Wire & Wire Nail Co. (Sizes ¼ to 4 in.), Cedarburg, Wis.
Colorado Fuel & Iron Co., Denver, Colo.
Continental Steel & Supply Co. (Cement Coated Common), Fulton bldg, Pittsburgh, Pa.
Corbin Screw Corporation (Steel), New Britain, Conn.
Crawfordsville Wire & Nail Co. (All Sizes), Crawfordsville, Ind.
Eastern Nail Co., Providence, R. I.
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Gurney D. B. Co. (Sizes up to 20 Penny), Whitman, Mass.
HASSALL JNO. (INC,), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
IGOE BROTHERS (All Kinds), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Nail Co., 826 Dix, Chicago, Ill.
Indiana Steel & Wire Co. (Plain & Cement, Coated), Muncie, Ind.
Independent Steel Corp., 111 Broad, New York
Interstate Iron & Steel Co. (All Sizes), 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co. (Steel), Ross, Pittsburgh, Pa.
Kelly Nail & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 B'way, New York. *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co," Zinc Coated), Branford, Conn.
Milwaukee Tack Co. (Small Only), 27th & Wahl av, Milwaukee, Wis.
Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.
Norton Iron Works, Ashland, Ky.
Parker Wire Goods Co., Worcester, Mass.
Pittsburgh Steel Co. ("Pittsburgh Perfect"), Pittsburgh, Pa.
Plymouth Mills (Small), Plymouth, Mass.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Shelby Wire Co., Dept H, Shelby, O.
SMITH & McCRORKEN, INC., 65 Engert, Brooklyn, N. Y.
Soule Edw. L. Co. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Stanley Geo. W. Co. (Small), Belleville, Ill.
Steel Wire Products Co., Preble & Seymour, Pittsburgh, Pa.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
TOWNSEND CO., New Brighton, Pa.
See adv index at end of book
Van Brunt J. A. & Co., Inc., 114 John, New York
Veithardt Steel & Metal Corp., 15 Park row, New York
Walton & Macke Nail Co. (Cement Coated), Kokomo, Ind.
Washburn Wire Co., Phillipsdale, R. I.
Waterman R. C. & Co. (Small), South Hanover, Mass.
Weld Wire Co., 395 Christopher av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co. (Oval & Blued), Dept H, 49th & Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Wire & Steel Products Co., Inc., 417 E 22d, New York *See adv index at end of book*
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10093—Nails (Yellow Metal)

Midwest Brass & Copper Co., Inc., 480 Broome, New York
Taunton-New Bedford Copper Co., Taunton, Mass.

10094-5—Nails (Zinc Coated)

Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, O.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Midwest Brass & Copper Co., Inc., 480 Broome, New York
See adv index at end of book

10096— Name Plates

Abbott W. H., 46 Greenwich av, New York
American Name Plate Co., 352 Atlantic av, Boston, Mass.
Art Metal Construction Co. (Bronze), Jamestown, N. Y.
Becker August Engraving Co. (Cast), 247 Atlantic av, Boston, Mass.
Blake Mfg. Co. (Bicycle, etc), Springfield, Mass.
Bossert Corp., The, cor. Linden & West av, Utica, N. Y.
Brinkerhoff's J. P. Sons, 57 Dey, New York
Buckeye Iron & Brass Wks. (Brass), Dayton, O.
CHANDLER CO., Springfield, Mass.
Columbus Brass Co. (Brass & Bronze), 538 Dublin av, Columbus, O.
See adv index at end of book
Corbin Cabinet Lock Co. (Wrought, Brass, etc), New Britain, Conn.
Crowe Name Plate & Engraving Co. (Etched, Stamped & Embossed), 1749 Grace, Chicago, Ill.
Cutlers Pearl Mfg. Co., 55 Commercial, Newark, N. J.
Dent Hardware Co. (Raised or Sunken Letter), Fullerton, Pa.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W. Madison & 103rd, Cleveland, O.
Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.
Etching Company of America (Etched Brass & Aluminum), 1520H Montana, Chicago, Ill.
Everett A. & Son, Auburn, N. Y.
G. & P. Engraving Co., Wollaston, Mass.
General Etching & Mfg. Co., 312 S Hamilton av, Chicago, Ill.
Gibbs W. F. Mfg. Co. (Celluloid), New Haven, Conn.
Grammes L. F. & Sons, Allentown, Pa.
HANSON C. H. CO., THE, 178 N. Clark, Chicago, Ill.
Highton Wm. & Sons Co. (Automobile, etc), Nashua, N. H.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Knight H. W. & Son, Seneca Falls, N. Y.
Kokomo Fence Machine Co. (Aluminum Only), Kokomo, Ind.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Limerick J. Arthur Co., 960 N Howard, Baltimore, Md.
Matthews Jas. H. & Co. (Stamped, Cast & Etched), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Metallograph Corp., 1100 Brook av, New York
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co., 869 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Name-Plate Co., 125H Fulton, New York

NAME PLATES—continued

Napier-Browning Co. (Celluloid), 105 W 40th, New York
National Decalcomania Co., 240 N. 60th, Phila., Pa.
National Gauge & Equipment Co., La Cross, Wis. *See adv index at end of book*
Newark Brass Plate Engraving Co. (Etched), 52 Laurence, Newark, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Norwalk Lock Co., South Norwalk, Conn.
Palm Bros. Co., 20 W. Jackson blvd, Chicago, Ill.
Premier Metal Etching Co., 14th, Long Island City, N. Y.
R. & S. ENGRAVING & DIE WORKS, 625 W. Jackson blvd, Chicago, Ill. *See adv index at end of book*
Reading Hardware Co., Reading, Pa.
Riley-Klotz Co., Mulberry, Newark, N. J.
Robbins John Mfg. Co., 58 Kneeland, Boston, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Schmidt Geo. T., 4100 Ravenswood av, Chicago, Ill.
Shank E. A. Sign Co., 19 Park pl, New York
Shonk Chas. W. Co., Maywood, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Spencer S. M. Mfg. Co. 9 Cornhill, Boston, Mass.
Stanley Mfg. Co., 46 Cannon, Dayton, Ohio.
Torrey Roller Bushing Works, Bath, Me.
Turner Brass Works (Brass, Bronze & Aluminum), Sycamore, Ill.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y. (Sign & Number Plates, Porcelain)
Wadsworth Engraving Co., Springfield, O.
Western Brass Mfg. Works (In Different Names), Marshall blvd & W 21st, Chicago, Ill.
Withers Foundry & Machine Works, Atlanta, Ga.
Wolverine Brass Works, Grand Rapids, Mich.
Wood-Detroit Mfg. Co. (Bronze), Marquette bldg, Detroit, Mich.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

10097—Name Plates (Cement Sidewalk)

Knight H. W. & Son, Seneca Falls, N. Y.
Leggett & Duryea (Brass), Princeton, N. J.
Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill. *See adv index at end of book*
Schmidt Geo. T., 4100 Ravenswood av, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

10098—Name Plates (Telephone)

Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.
Shonk Chas. W. Co., Maywood, Ill.

10099—Naphtha (Coal Tar)

Barrett Co., 17 Battery pl, New York

10100— Naphtha Gas

Sun Co., Finance bldg, Philadelphia, Pa.

10101— Naphtha Refiners

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg, Pittsburgh, Pa. *See adv index at end of book*
Advance Oil Co., Oil City, Pa.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Barrett Co. (Naphthaline), 17 Battery pl, New York
Cameron Refining Co., Ardmore, Okla.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Cornplanter Refining Division, Warren, Pa.
Craig Oil Co., Toledo, Ohio
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gulf Refining Co. (Engines, Painters, etc), Frick bldg, annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New York
International Refining Co., Columbus, Ohio
Louisiana Oil Refining Co., Shreveport, La.
MacKormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Rose bldg, Cleveland, O.
Ohio Cities Gas Co., Columbus, O.
Paragon Refining Co., Toledo, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pennsylvania Refining Co., Karns City, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sloan & Zook, Bradford, Pa.
Southern Oil Corp., Tulsa, Okla.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Sun Co. (56 Gravity Deodorized), Finance bldg, Phila., Pa.
Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.
TEXAS COMPANY ("Texaco," Safety Varnish), 17 Battery pl, New York *See adv index at end of book*
Union Petroleum Co., Widener bldg, Philadelphia, Pa.
Warren Refining Co., Warren, Pa. *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10102— Naphtha (Solvent)

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Condensite Co. of Am. (Chloro), Bloomfield, N. J.
JORDAN WILLIAM E., INC. (Coal Tar), 15 Cliff, New York
Koppers Products Co. ("Koppax,"), Union Arcade, Pittsburgh, Pa.
Semet-Solvay Co., Syracuse, N. Y.
United Gas Improvement Co., Broad & Arch, Phila., Pa.
Western Aniline Products Co., Hammond, Ind.

10103— Naphthalene

Agawam Chemical Works, (Dinitro), Grosvenor bldg, Providence, R. I.
American Tar Products Co. (Crude, Refined & Flaked), 208 S. La Salle, Chicago, Ill.
Bischoff C. &. Co. (Imp.), 451 Wash'n, New York
Briggs Chemical Works (Flake), Amherst, Ohio
Cambria Steel Co., Widener bldg, Phila., Pa.
Dana & Co., Inc., 111 B'way, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
JORDAN WILLIAM E., INC., 15 Cliff, New York
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lewis F. J. Mfg. Co., Moline, Ill.
Lewis F. J. Mfg. Co., 2513 Robey, Chicago, Ill.
National Aniline & Chemical Co. (Flakes, Ball & Crystals) (Imp.), 21 Burling slip, New York
Roessler & Hasslacher Chemical Co. (Flake, Ball & Crystal), 709 6th av, New York
Semet-Solvay Co. (Solvent), Syracuse, N. Y.
Sergeant E. M. Co., 15 E. 26th, New York *See adv index at end of book*
United Gas Improvement Co., No. Broad & Arch, Philadelphia, Pa.
White Tar Co., 21 Cliff, New York
White Tar Co. of N. J., Inc., 56 Vesey, New York

10104— Naphthalizarine

Bischoff C. & Co. (Imp.), 451 Washington, New York

10104a— Naphthol (Alpha)

Briggs Chemical Works, Amherst, O.
Central Dyestuff & Chemical Co., Newark, N. J.
Harmer Laboratories Co., 1704 Market, Phila., Pa.
Hord Color Products Co., Sandusky, O.
Marden, Orth & Hastings Co., 136 Liberty, New York

10105— Naphthol (Manufacturers & Importers)

Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Montcalm Chemical Wks. (Beta), 220 No. Illinois, Indianapolis, Ind.
Sykes W. F. & Co., 8 Lispenard, New York

10105a—Naphthyl (Beta, Benzoate)

Florasynth Laboratories, Inc., 15 Beekman, New York
Merck & Co., 45 Park pl, New York
Organic Products Corp., Schenectady, N. Y.
Seydel Mfg. Co., 8 Forrest, Jersey City, N. J.

10105b— Naphthylamine (Beta)

Aniline Dyes & Chemicals Co., Inc., 134 Cedar, New York
Montcalm Chemical Wks., 220 No. Illinois, Indianapolis, Ind.
Po Ambo Chemical Co., Matawan, N. J.

10105c— Naples Yellow

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

10105d— Naval Stores

HERCULES POWDER CO
Wilmington, Del.
North Carolina Naval Stores Co., Wilmington, N. C.
Swett C. T. Co., Portland, Maine

10106— Nebulizers

Globe Mfg. Co., Battle Creek, Mich.
Whitall, Tatum Co., 410 Race, Phila., Pa.

10107— Neck Yokes

Adams E. B. & Son ("Adams" Safety), Racine, Wis.
Avery B. F. & Sons, Louisville, Ky.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy., Baltimore, Md.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Burroughs-Ross-Colville Co., McMinnville, Tenn.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Canfield Mfg. & Novelty Co., Canfield, O.
Collins Hilton Co., Louisville, Ky.
Columbiana Mfg. Co., Columbiana, O.
Covert Saddlery Works, Interlaken, N. Y.
Crane & MacMahon (Inc.), 10 Bridge, New York
Crook Son & Co., Hicksville, O.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hartwell C. L. & Co., Chicago Heights, Ill.
Harvey Spring & Forging Co. (Wagon & Plow), Racine, Wis.
Heider Mfg. Co., Carroll, Ia.
Heiser J. B., Atwater, O.
Herschel R. Mfg. Co., Peoria, Ill.
Imperial Bit & Snap Co., Racine, Wis.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Lack Singletree Co., Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter P. & Son Co., Lancaster, Pa.
Leonard F. B. & Co., Metropolis, Ill.
Lindsay Mfg. Co., Ottumwa, Ia.
Medina Bending Works, Medina, O.
Metropolis Bending Co., Metropolis, Ill.
National Neck Yoke Co., ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.
Nixdorff, Krein Mfg. Co., 900 Howard, St. Louis, Mo.
North Indianapolis Cradle Works, Indianapolis, Ind.
Peterson Samuel, Warren, Pa.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Prouty C. & Co. ("Jocky"), Eldred, Pa.
Racine General Mfg. Co. (Wagon Jobbers), Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Ransome Concrete Machinery Co., Dunellen, N. J.
Reno Mfg. Co. ("New Era," "Express," "Torpedo" Wagon, Buggy, etc), Erie, Pa.
Sequatchie Handle Works, Sequatchie, Tenn.
Sharon Steel Hoop Co. ("Danielson" Pressed Steel), Sharon, Pa.
Sheldon Handle Co., Kinzua, Pa.
Shrauger & Johnson, Atlantic, Ia.
Shupp Homer A., Effort, Pa.
Sieg Co., Davenport, Ia.
Spencer Mfg. Co., Spencer, Ind.
Stevens A. E. & Co., Portland, Me.
Tanner D. F., Holland, N. Y.
Titusville Handle Co., Titusville, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
Turnbull Motor Truck & Wagon Co. (Hickory Wagons Sets), Defiance, O.
Turner, Day & Woolworth Handle Co., Louisville, Ky.
Union Bending Works, Collins, O.
United States Pressed Steel Co. (Pressed Steel), Ypsilanti, Mich.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansvile, Ind.
Westwood Turning Co., Fremont, O.
Wildermuth Bending Co., Columbus, O.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

Needle Mfrs.

See also Needles, Various Kinds, under head of Textile Machinery, Supplies, etc.

10108—Needles (Bag or Sack)

Barr Bros. Co. (Hand Made), Oakland Cal.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

10108a—Needles (Belt Lacing Machine)

Simmons Mfg. Co., 77th & Lyons av, Philadelphia, Pa.

10109— Needles (Broom)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Hyde Mfg. Co., Southbridge, Mass.

10110— Needles (Carpet)

Barr Bros. Co., Oakland, Cal.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
United States Needle Concern, 912 W Madison, Chicago, Ill.

10111-2— Needles (Darning)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
United States Needle Concern, 912 W Madison, Chicago, Ill.

10113—Needles (Harness)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
United States Needle Concern, 912 W Madison, Chicago, Ill.

10114—Needles (Hypodermic, Dental, Etc.)

Banks F. S. & Co., 149 Church, New York
Becton Dickinson & Co. ("Yale" Hypodermic), Rutherford, N. J.
Brody Wm. & Co., 1911 Park av, New York
National Thermometer Co., 125 E 23d, New York
Randall-Faichney Co. ("R. & B." "Climax," "Imperial"), Boston, Mass.
Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

10114a—Needles (Knitting, Wooden)

Bernheimer & Blumenthal Co., Inc. (Wood, Ivory, Silver & Gold), 138 W 14th, New York
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Needles (Mining)

See Miners' Needles & Scrapers

10115— Needles (Packing)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
United States Needle Concern, 912 W Madison, Chicago, Ill.

Needles (Phonograph)

See Needles, Talking Machines

Needles (Sewing Machine)

For page of this trade see index of contents

10116—Needles (Talking Machine)

Dean Jno. M. Corp., Putnam, Conn.
General Phonograph Corp., 25 W 45th, New York
Hall Mfg. Co. ("Hall" Fibre Needles), 33 W. Kinzie, Chicago, Ill.
Heineman Otto Phonograph Supply Co., 25 W 45th, New York
Paddock-Williamson Co., 1036 Euclid av, Cleveland, O.
Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co. ("Torrington"), Torrington, Conn. *See adv index at end of book*
United Music Stores ("Brilliantone"), 619H Cherry, Phila., Pa.
Valvatone Wood Needle Co., Kansas City, Mo.
Victor Talking Machine Co., Camden, N. J.

10117—Needles (Upholsterers')

Barr Bros. Co., Oakland, Cal.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
United States Needle Concern, 912 W Madison, Chicago, Ill.

10118— Neoarsaminol

Takamine Commercial Corp., 120 B'way, New York

Nets (Arc Globe)

See Guards, Electric Lamp

10119—Nets (Fish Landing)

General Phonograph Corp. ("Harrimac," "Steel Collapsing," "Our Own," "I-D-L"), 25 W 45th, New York
St. Charles Net & Hammock Co., St. Charles, Ill.
Young Carlos G. ("Barnes" Folding), 320 Market, San Francisco, Cal.

10120— Nets (Life Saving)

Combination Ladder Co. ("Manhattan"), 366 Fountain, Providence, R. I.
Cory-Patterson Mfg. Co. ("Browder"), Greeenfield, O.
Hayward S. F. & Co. ("Hayward," "Atlas," "Bonner," "Empire"), 250 W 54th, New York
Hunter Malcolm, 32 Dutchkill
Woodhouse Mfg. Co., 64 W B'way, New York

10121— Netting (Mosquito)

Adams Mfg. Co., Shelton, Conn. 510 B'way, New York
Gage John S. (Head Nets for Mosquitoes), 510 B'way, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Leather Geo. E., 1543 Ruan, Philadelphia, Pa.
Lindley Mfg. Co., Tusculum & A, Philadelphia, Pa.
McLean Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N. Scituate, R. I.
Palmer I. E. Co. (Canopies), Middletown, Conn.
Thompson Jas. & Co., 112 Prince, New York
Westerly Textile Co., Westerly, R. I.

10121a— Netting (Wire)

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Ludlow-Saylor Wire Co. The, 913H Pine, St. Louis, Mo.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
New Jersey Wire Cloth Co., Trenton, N. J. *See adv index at end of book*
Reinforced Concrete Co., St. Louis, Mo.
Tyler W. S. Co., Cleveland, O. *See adv index at end of book*

10122—Neutralizer (Electric)

Chapman Electric Neutralizer Co. ("Chapman," to Remove Static Electricity) Portland, Me.
Portland Co. ("Chapman" Process), Portland, Me.
United Printing Machinery Co. ("Chapman," Sole U. S. Selling Agents), 100 Summer, Boston, Mass.

10123— Nickel (Aluminized)

New Era Mfg. Co., Kalamazoo, Mich.

10123a—Nickel Ammonium Sulphate

Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.

10123b— Nickel (Bromide)

Cooper Chas. & Co., 194 Worth, New York

10123c— Nickel Carbonate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

10124— Nickel Chloride

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Munning A. P. & Co., Mattawan, N. J.

10125— Nickel (Electrolytic)

American Smelting & Refining Co., 120 B'way, New York
Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
International Nickel Co., 67 Wall, New York
Raritan Copper Works, 42 B'way, New York

10126— Nickel Mfrs.

American Boron Products Co., Inc. (Boronic in Shot Form), Reading, Pa.
Andrews Steel Co. (Chrome), Newport, Ky.
Brooks Clyde (Mfrs. Agent), Farmers Bank bldg, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Driver-Harris Co. (Rod Sheet, Strip & Wire), Harrison, N. J. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
International Nickel Co., 67 Wall, New York
Trotter Nathan & Co., 35 N. Front, Phila., Pa.
United Smelting & Aluminum Co., Inc. (Jobbers), 183-189 Commerce, New Haven, Conn.
United States Nickel Co. (Cube Nickel), New Brunswick, N. J.

10126a— Nickel Nitrate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

10126b— Nickel Oxide

Drakenfeld B. F. & Co., (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chem. Co., 709 6th av, New York
Vitro Mfg. Co. (Green & Black), H Bessemer bldg, Pittsburgh, Pa.

Nickel Salts (Double)

See Nickel Sulphate

Nickel Salts (Single)

See Nickel Sulphate

10126c— *Nickel Silver (Patent Leveled)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Seymour Mfg. Co. (For Soda Fountains, etc), Seymour, Conn.

10127— Nickel Sulphate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Munning A. P. & Co. (Single & Double), Mattawan, N. J.
United States Metals Refining Co., 61 B'way, New York

10128—Nickeloid, Copperoid, Brassoid & Steeloid

American Nickeloid Co. (Nickelized Sheet Steel, Zinc, Copper, Brass, etc), Peru, Ill.

10129—Nicolene, Copperene, Brassene, Nickeltin, Brasstin & Coppertin

National Sheet Metal Co. (Nickelized Sheet Zinc, Tin Plate, Steel, Copper, Brass, etc), Peru, Ill.

10129a—Nicolene (Nickel Plated Zinc Sheets)

National Sheet Metal Co., Peru, Ill.

10130—Nicotine Solutions & Tobacco Extracts

Kentucky Tobacco Product Co., Louisville, Ky.

10131— Nigrosine

American Synthetic Color Co., Stamford, Conn.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Heller & Merz Co., 505 Hudson, New York
Jamaica Dyewood & Chemical Co., 50 Church, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York

10131a— Ninitrobenzene

Du Pont E. I. de Nemours & Co., Inc., Dyestuffs, Sales Dept., Wilmington, Del. *See adv index at end of book*

10132— Nippers (Bicycle)

STARRETT L. S. CO. (THE) (Adjustable Jaw), Athol, Mass. *See adv index at end of book*
Utica Drop Forge & Tool Co., Utica, N. Y.

10133—Nippers (Blacksmiths')

Buffum Tool Co. ("Swastika" Hoof Paring, Nail Cutting etc), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Smith H. D. & Co. ("W. D. W.", Drop Forged), Plantsville, Conn.
Starr-Nettleton Mfg. Co, East Hampton, Conn
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Washington Tool Co. ("Larsons"), Owatonna, Minn.

10134—Nippers (Champagne)

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

10135—Nippers (End Cutting)

See also Pliers

Bridgeport Hardware Mfg. Corp. ("Hercules"), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion"), Meadville, Pa.
Cronk & Carrier Mfg. Co., 150 Lake, Elmire, N. Y. *See adv index at end of book*
Hotchkiss T. D. Co. ("Todd"), Deep River, Conn.
Irvington Mfg. Co., Irvington, N. J.
Jones Eli & Sons ("Jones" Hoof), Luverne, Minn
Liberty Steel Co., 233 B'way, New York
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
OSBORNE C. S. & CO., Box 183, Newark, N. J. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Scholhorn Wm. Co. ("Bernard"), New Haven, Conn.
Smith Otis A. (End Cutting), Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Colt, Irvington, N. J. *See adv index at end of book*

NIPPERS (END CUTTING)—continued
Starr Bros. Bell Co. ("Nettleton" Reversible), East Hampton, Conn.
STARRETT L. S. CO. (THE) (Adjustable Jaw), Athol, Mass.
See adv index at end of book
Utica Drop Forge & Tool Co. ("Bull Dog," "Utica"), Utica, N. Y.
Williams A. C. Co., Ravenna, O.

10136-7— Nippers (Fruit)
Kraeuter & Co., 583 18th av, Newark, N. J.

Nippers (Hoof)
See Parers, Hoof

10138—Nippers (Tinners', Etc.)
See also Nippers, End Cutting
Hotchkiss T. D. Co. ("Todd's"), Deep River, Conn.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.
Osborne C. S. & Co., Box 183 Newark, N. J.
See adv index at end of book
Smith Otis A., Rockfall, Conn.
SMITH & HEMENWAY CO., INC., 261 B'way, New York; 130 Coit, Irvington, N. J. *See adv index at end of book*
Starr-Nettleton Mfg. Co., East Hampton, Conn.
Wusterbarth Bros., Meriden, Conn.

10139— Nippers (Trout)
Marble Arms & Mfg. Co. ("Marble's"), Gladstone, Mich.

Nippers (Wire)
See Pliers & Nippers

10140—Nipple Threaders (Ceiling)
Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.

10141— Nipples (Gun)
Schoverling, Daly & Gales (Dealer), 302 B'way, New York

10142-3— Nipples (Hose)
Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Aterite Co., Inc. ("Aterite"), n e cor John & William, New York
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Dallett Thos. H. Co. ("Dallett" Pneumatic), 1324 Federal, Phila., Pa.
Dayton Malleable Iron Co. (Air Brake), Dayton, O.
Detroit Brass & Malleable Works (Gas), 1177H Holden, Detroit, Mich.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Exeter Brass Works, Exeter, N. H.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Jiffy Fire Hose Rack Co., 727 7th av, New York
Josts' Edmunds Sons, 58 1st, Newark, N. J.
Knox Mfg. Co. (Pneumatic Hose), 821 Cherry, Philadelphia, Pa.
Lucey Manufacturing Corp., 233 B'way, New York
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Medina Stamping & Mach. Co., Medina, N. Y.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Powell Wm. Co. (Brass), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Roberts Brass Mfg. Co., 1395 W Fort, Detroit, Mich.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Standard Brass & Iron Works (for Brewers, etc), 1320 St. Paul av, Milwaukee, Wis.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

10144— Nipples (Pipe)
ACHESON MFG. CO. (Brass), Rankin, Pa.
See adv index at end of book
A. J. Nipple & Pipe Cutting Co. (Wrought Iron), 203 Lafayette, New York
Atkins H. C. Mfg. Co., 745 S. 3rd, St. Louis, Mo.
Buffalo Nipple & Machine Co., Inc., 335 Glenwood av, Buffalo, N. Y.
Byers A. H. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
Campbell Lewis, Boyerstown, Pa.
Chicago Nipple Mfg. Co. (Wrought Iron), 908 W Lake, Chicago, Ill.
Clark Co., West Newton, Pa.
Crane Co., Bridgeport, Conn.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
CRESSMAN N. C. CO., (Brass, Steel & Iron), Drexel bldg., Phil., Pa.
Fretz S. S. Jr., 23rd & Sedgley av, Philadelphia, Pa.
General Fire Extinguisher Co., Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Iroquois Nipple Works (Iron), 306 Genesee, Buffalo, N. Y.
Kelly & Jones Co. (Wrought Iron, Brass, etc), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Liberty Iron Pipe & Nipple Works, 138 Center, New York
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Newark Tube & Metal Works (Small Sizes), 560 Ferry, Newark, N. J.
Pfaff & Kendall (Wrought Iron), 655 Ferry, Newark, N. J.
Pittsburgh Nipple & Mfg. Co., 30 Carson, Pittsburgh, Pa.
Powell Wm. Co. (Brass), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Rex-Harris Fire Appliance Co. (Brass), 310 W 39th, New York
Richardson Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
Schaad Paul (Brass, Copper & Iron), 179 Pearl, New York
Seiss Mfg. Co., Toledo, O.
Wilder Sidney & Co. (Brass), Holliston, Mass.

10145— Nipples (Radiator)
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
National Radiator Co. (Non-Corrosive Malleable Iron Push), Johnstown, Pa.
Pratt Chuck Co., Frankfort, N. Y.

10146— Nipples (Reducing)
Haydenville Co., Haydenville, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Simmons Pipe Bending Works, 40 Mechanic, Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

Nipples (Soldering)
See Unions & Nipples, Soldering

10147—Nipples (Zinc Coated, Steel Slip)
Pratt Chuck Co., Frankfort, N. Y.

10148-52— Nitrate
Grace Wm. R. & Co., 7 Hanover sq, New York
Merrimac Chemical Co. (Iron & Copper), 148 State, Boston, Mass.
Seidner & Enequist (Iron), 86 Hausman, Brooklyn, N. Y.
Tennant C. Sons & Co. of New York (Imp.) (Ammonia & Lead, etc), 100 William, New York
Wiarda John C. & Co. (Potash, Silver, Soda, etc, Jobbers), 273 Greene av, Brooklyn, N. Y.

Nitrate of Aluminum
See Aluminum Nitrate

Nitrate of Copper
See Copper Nitrate

Nitrate of Iron
See Iron Nitrate

Nitrate of Lead
See Lead Nitrate

Nitrate of Nickel
See Nickel Nitrate

10153-4—Nitrate of Potassium (Saltpetre)
See also Saltpetre
Ashcraft Wilkinson Co., Atlanta, Ga.
Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.) (Saltpetre), Wilmington, Del.
See adv index at end of book
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Nitrate of Silver
See Silver Nitrate

10155-6— Nitrate of Soda
American Agricultural Chemical Co. (Imp.), 2 Rector, New York
Armour Fertilizer Works, U. S Yards, Chicago, Ill.
Ashcraft-Wilkinson Co., Atlanta, Ga
Baker H. J. & Bro. (Imp.), 81 Fulton, New York
Balfour Guthrie & Co. (Imp.), 350 California, San Francisco, Cal.
Battelle & Kenwick (Refined), 80 Maiden lane, New York
Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.
Ducas B. P. Co. (Imp.), 25 S William, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid & Heavy Chemicals Div., Refined & Crude), Wilmington, Del.
See adv index at end of book
Grace Wm. R. & Co. (Imp.), 7 Hanover sq, New York
Grasselli Chemical Co. (Exporters & Importers), Guardian bldg, Cleveland, O.
Heller, Jos. S. (Brokers), 62 William, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Meyer, Wilson & Co., 485H California, San Francisco, Cal.
New Orleans Acid & Fertilizer Co., Gretna, La.
Nitrate Agencies Co. (Imp), 102 Pearl, New York
Raritan Chemical Works, 8 W 40th, New York
Royster F. S. Guano Co., Norfolk, Va.
Standard Guano & Chemical Mfg. Co., New Orleans, La.
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Tupelo Fertilizer Factory (Imported), Tupelo, Miss.
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
Wessel, Duval & Co. (Direct Importers), 25 Broad, New York

Nitrate of Sodium
See Sodium Nitrate, also Nitrate of Soda

Nitrate of Strontium
See Strontium Nitrate

10157— *Nitrators (Aniline)
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10158—Nitrators (Nitro-Glycerine)
Luther Mfg. Co., Olean, N. Y.

10158a—*Nitrators (Picric Acid)
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10159— Nitre
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Wiarda John C. & Co., 273 Greene av, Brooklyn, N. Y.

10160— Nitre Cake
American Metal Co., 61 B'way, New York
Atlas Powder Co., Wilmington, Del.
Butterworth-Judson Corporation, 61 B'way, New York *See adv index at end of book*
Contact Process Co., Buffalo, N. Y.
Du Pont E. I. de Nemours & Co., Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Riverside Acid Works, Warren, Pa.

10160a —Nitric Acid Apparatus
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10160b— Nitrobenzene
Du Pont E. I. de Nemours & Co., Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

10161— Nitrobenzol
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America (Mfrs.), 320 B'way, New York
DU PONT E. I. DE NEMOURS & CO., INC., Dyestuffs Sales Div., Wilmington, Del. *See adv index at end of book*

Klipstein A. & Co. (Imported), 644 Greenwich, New York
Knight Maurice A. (Chemical Stoneware), Akron, Ohio.
Montcalm Chemical Wks., Indianapolis, Ind.

10162— Nitrocellulose

Celluloid Zapon Co., 200 5th av, New York
Hercules Powder Co., Wilmington, Del.
Maas & Waldstein Co., 92 William, New York

10162a—Nitroglycerin (Solidified & Liquid)

Du Pont E. I. de Nemours & Co., Inc. (Sales Dept., Explosives Div.), Wilmington, Del.

10163— Nitro-naphthalene

Agawam Chemical Wks., Grosvenor bldg, Providence, R. I.
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Barrett Co., 17 Battery pl, New York
Newport Chemical Works, Milwaukee, Wis.

10163a— Nitrophenol (Ortho)

Harmer Laboratories Co., 1704 Market, Phila., Pa.
Rector Chemical Co., 2 Rector, New York

10163b— Nitrotoluol

Chemical Co. of America, 28 Platt, New York
Dye Products & Chemicals Co., 200 5th av, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Montcalm Chemical Wks. (Mixed), 220 No. Illinois, Indianapolis, Ind.
National Aniline & Chemical Co., 21 Burling slip, New York
Newport Chemical Wks., Inc., Milwaukee, Wis.
Western Aniline Products Co., Hammond, Ind.

10163c— Nitroxylol

Montcalm Chemical Wks., Indianapolis, Ind.

10164— Noils (Ramie)

Wolf W. & Sons (India & China Cotton Silk), 549 Atlantic av, Boston, Mass.

10165— Notches (Cinder)

Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.

Novelties (Aluminum)

See Firms in Metal Novelties & Specialties with the Word Aluminum Following their Name

10166—Novelties (Silver & Silver Plated)

*Indicates Plated Ware

Averbeck M. J., 10 Maiden la, New York
Baker-Manchester Mfg. Co., 100 Stewart, Providence, R. I.
Barrows H. F. & Co., North Attleboro, Mass.
***Bass E. & J. (Toilet), 610 B'way, New York**
Bassett Jewelry Co., 36 Garnet, Providence, R. I.
Battin & Co., 3d av, Newark, N. J.
Bechard Mfg. Co., 706 Townsend, Chicago, Ill.
Bens Wm. Co., 7 Beverly, Providence, R. I.
Blackinton R. & Co., North Attleboro, Mass.
***Bliss E. A. Co., Meriden, Conn.**
***Carr M. W. & Co., Somerville, Mass.**
Carter, Gough & Co., 9 Maiden la, New York
Codding & Heilborn Co., North Attleboro, Mass.
Deitsch Bros., 14 E 17th, New York
***Deitsch I. N. (Photo Frames), 1239 Madison av, New York**
Dominick & Haff, 545 W 23d, New York
Feeley W. J. Co., 169 S Angell, Providence, R. I.
Fessenden & Co., 100 Friendship, Providence, R. I.
Finck & Oldroyd, Elizabeth, N. J.
***Fishel-Nessler Co., 184 5th av, New York**
Ford-Perry Co., 70 Ship, Providence, R. I.
Foster Theo. W. & Bro. Co., 100 Richmond, Providence, R. I.
Fradley J. F. & Co., 312 E 23d, New York
Hamilton & Hamilton Jr., Providence, R. I.
Harper W. E. Co., New Britain, Conn.
Hoffman F. S. & Co., 223 E 23d, New York
***†International Silver Co., Meriden, Conn.**
***Jennings Silver Co. (Toilet), Irvington, N. J.**
***Jones A. H. Co., Meriden, Conn.**
Kirk Samuel & Son Co., 108 E. Baltimore, Baltimore, Md.
***Kronheimer & Oldenbusch Co., (Photo Frames), 362 5th av. New York**
La Pierre Mfg. Co., Newark, N. J.
Lederer S. & B. Co., 100 Stewart, Providence, R. I.
***Meriden Silver Plate Co. (Branch of International Silver Co.), Meriden, Conn.**
Merrill Bros. Co., 22 Greene, Newark, N. J.
Nussbaum & Hunold, 14 Blount, Providence, R. I.
Ortner Jno. E. & Co. (Bag Frames), 481 Washington, Newark, N. J.
Oskamp Nolting Co., 30 W 7th, Cincinnati, Ohio
Park City Silverware Co., Bridgeport, Conn.
Paye & Baker Mfg. Co., North Attleboro, Mass.
Riley & French, North Attleboro, Mass.
Royal Mfg. Miller-Hoefer Co., 89 Jefferson av, Detroit, Mich.
Saart Bros. Co., Attleboro, Mass.
Schimper Wm. & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq. W., New York
Schmitz, Moore & Co., 401 Mulberry, Newark, N. J.
Shabeck John C. L., 245 W Exchange, Providence, R. I.
Stern Louis & Co. (Bags), Metcalf bldg, Providence, R. I.
Strobell & Crane, 33 E Kinney, Newark, N. J.
Unger Bros., 416 Halsey, Newark, N. J.
Vanderbilt Clarence A., 132 W 14th, New York
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
***Wallingford Co., Wallingford, Conn.**
Watson Co., Attleboro, Mass.
Webster Co., North Attleboro, Mass.
***Weidlich Bros. Mfg. Co., Bridgeport, Conn.**
Wendell & Co., 337 W Madison, Chicago, Ill.
Whiting F. M. & Co., North Attleboro, Mass.
Whiting & Davis Co., Plainville, Mass.
Woodside Sterling Co., 170 B'way, New York

10166a— Novelties (Wooden)

See also Advertising Novelties & Specialties

Adams S. S. Co. (Jokers Novelties, Puzzles, etc), Plainfield, N. J.
American Automatic Device Co., 515 W Monroe, Chicago, Ill.
Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Elite Mfg. Co., Aldenville, Pa.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

10166b—Novelty Manufacturers' Materials

Kennebunk Mfg. Co. ("Kemace" Fibre), Milton, N. H.

10167— *Nozzles (Air)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Star Brass Works, 3129 Carroll av, Chicago, Ill.

10168—Nozzles (Air Washing & Humidifying)

Badger, E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Spray Engineering Co. ("Spraco"), 60 High, Boston, Mass.
Star Brass Works (Spra-Rite"), 3129 Carroll av, Chicago, Ill.

10169—Nozzles (Asphalt Spraying)

Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Spray Engineering Co. ("Spraco"), 60 High, Boston, Mass.
Star Brass Works ("Spra-Rite"), 3129 Carroll av, Chicago, Ill.

Nozzles (Black Lead)

See Nozzles, Plumbago

10170— Nozzles (Blast)

Schutte & Koerting Co. (For Chimneys, Steam Jet), 1251 N 12th, Phila., Pa. *See adv index at end of book*

10171— Nozzles (Chemical)

Callahan Cornelius Co. ("Jackson"), 127 Purchase, Boston, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Sieben Chemical Spraying Nozzle Co. ("Fire King"), Kansas City, Mo.
Spray Engng. Co. ("Spraco" Two Fluids), 93 Federal, Boston, Mass. *See adv index at end of book*
Star Brass Works ("Spra-Rite"), 3129 Carroll av, Chicago, Ill.

10172 —Nozzles (Fire Boat & Hose Wagon)

Jones, Jas. Co., 201 Leroy, Los Angeles, Cal.
Loeffelholz Co., Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Universal Nozzle Co., Chamber of Commerce bldg, Indianapolis, Ind.
Wheaton A. W. Brass Works ("Newark"), 110 Walnut, Newark, N. J.

10173—Nozzles (Flanged Boiler, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Kellogg M. W. Co., 90 West, New York *See adv index at end of book*
Ryerson Joseph T. & Son ("Horsley"), 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

10174— Nozzles (Hose)

Acheson Mfg. Co. (Garden), Rankin, Pa. *See adv index at end of book*
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Coupling & Fire Supply Co. (Combination), Kansas City, Kans.
Anderson G. A. Mfg. Co. ("Anderson"), Bush & Russell, Baltimore, Md.
Aterite Co., Inc. ("Aterite"), n e cor John & William, New York
Beaton & Cadwell Mfg. Co. ("Gem"), New Britain, Conn.
Boston Coupling Co. ("Haley"), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston," "Eclipse," "Stanley Jr.," "Fairy," "Daisy," "Deluge," "Hot House"), Cambridge, Mass.
Buckeye Iron & Brass Works (Hose Pipe), Dayton, O.
Callahan Cornelius Co. ("Callahan" Shut-Off, Fire Hose, etc), 127 Purchase, Boston, Mass.
Clark W. J. Co., Salem, O.
Clay Jno. H., 1320 Ridge av, Phila., Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Crane Co. ("Gem"), Bridgeport, Conn.
Davoren W. T. Brass Finishing Works ("Davoren Denver"), 1241 N 12th, Denver, Colo.
Eastman Samuel Co., East Concord, N. H.
Elkhart Brass Mfg. Co. ("Firearms Pet," "Elk," Shut-Off), Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
Fries & Co., 91 Main, Buffalo, N. Y.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Greenberg's M. & Son (Fire Hose), 225 Beale, San Francsico, Cal.
Hardware Supply Co., Grand Rapids, Mich.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Jones, Jas. Co., 201 Leroy, Los Angeles, Cal.
Kelley & Jones Co. (S. S. S."), 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (Malleable Iron), 821 Cherry, Phila., Pa.
Landers, Frary & Clark ("Fairy" & "Climax"), New Britain, Conn.
Larkin Mfg. Co. (Shut-Off), Dayton, O.
Medina Stamping & Mach. Co., Medina, N. Y.
Morse Andrew J. & Son (Inc.), ("Mose," "Monitor"), 221 High, Boston, Mass.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
Nelson L. R. ("Central," "Little Monitor," "Universal"), Peoria, Ill.
Neumeyer H. F. & Sons ("New"), Macungie, Pa.
Peck Bros. & Co., New Haven, Conn.
Sherman H. B. Mfg. Co. ("Diamond"), Battle Creek, Mich.
Sieben Chemical Spraying Nozzle Co. ("Fire King," with Chemical Cartridge in Nozzle for Fire Disinfecting, etc), Kansas City, Mo.
Simmons John Co. ("C. L. E."), 110 Centre, New York *See adv index at end of book*
Standard Brass & Iron Works (Heavy for Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.
Wheaton A. W. Brass Works ("Newark" Turret Fire Hose), 110 Walnut, Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

10175—Nozzles (Hydraulic Mining)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*

10176— Nozzles (Irrigating)

Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Spray Engineering Co. ("Spraco"), 60 High, Boston, Mass.

10177—Nozzles (Oil Burner)

LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

NOZZLES (OIL BURNER)—continued
Star Brass Works, 3129 Carroll av, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

10177a— Nozzles (Pipe)

BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*

10178—Nozzles (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.
Seidel B. (Inc.) (For All Purposes), 1322 Callowhill, Phila., Pa.

10179—Nozzles (Sand Blast)

LUNKENHEIMER CO. Executive Offices & Factoriees: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Stodder W. F., P. O. Box 747, Syracuse, N. Y.

10180— Nozzles (Spray)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
ALLEN W. D. MFG. CO. ("Allen," "Mystis," "Justrite," "Gibbs," "Magic"), 566 W Lake, Chicago, Ill.
See adv index at end of book
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass.
See adv index at end of book
Bean Spray Pump Co., San Jose, Cal.
Beaton & Cadwell Mfg. Co. ("Gem"), New Britain, Conn.
Brown E. C. Co. ("Non-clog"), Rochester, N. Y.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Cooling Tower Co., 15 John, New York
DEMING CO. ("Acme," "Bordeaux," "Demorel," "Simplex," "Giant Simplex," "Vormorel"), Salem, O.
See adv index at end of book
Elkhart Brass Mfg. Co. ("Elkhart"), Elkhart, Ind.
Field Force Pump Co. ("Tiger"), Elmira, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Fries & Co., 91 Main, Buffalo, N. Y.
Goulds Mfg. Co. ("Mistry"), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Loeffelholz Co. ("Foley," Solid Stream, Shut Off & Spray), Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
MYERS F. E. & BRO. ("Fembro," "New Way," "Bordeaux," "Vermorel," "Imperial," "Myers"), 900 4th, Ashland, O.
See adv index at end of book
Niagara Sprayer Co. ("Scientific," for Spraying Trees, etc), Middleport, N. Y.
Sandusky Fdry. & Machine Co., Sandusky O.
SCHUTTE & KOERTING CO. (Atomizing "Koerting" for Mines, Chemicals, etc.), 1251 N. 12th, Phila., Pa.
See adv index at end of book
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Spray Engineering Co. ("Spraco" for Cooling Condensing Waters), 60 High, Boston, Mass.
Star Brass Works ("Spra-Rite), 3129 Carroll av, Chicago, Ill.

10181—Nozzles (Sprinkler, for Sewage)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Merritt Hydraulics Co. ("Merritt" & "Weand"), 110 N Broad, Phila, Pa.
Priestman Albert ("Merritt"), 323 Chestnut, Phila., Pa.

10182 —Nozzles (Standpipe)

Loeffelholz Co. (Combination & Judge Distributing), Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.

10182a— Nozzles (Welded)

Ballwood Co., The, 30 Church, New York
See adv index at end of book

Numbers & Letters (Decalcomania)

See Ornaments, Transfer

10183—Numbers & Letters (Metal)

See also Name Plates
Allen, Doane & Co., 29 Cornhill, Boston, Mass.
Aluminum Goods Mfg. Co. (Aluminum House), Manitowoc, Wis.
Arcade Mfg. Co. (House Numbers Only, no Letters, Brass & Aluminum), Freeport, Ill.
Benfield Milne Mfg. Co., 80 Homes, Newark, N. J.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Borreson Mfg. Co. (Auto & House), St. Paul, Minn.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Brim A. W. (White & Brass), Seneca Falls, N. Y.
Cincinnati Mfg. Co., Cincinnati, O.
Crouse-Hinde Co., Syracuse, N. Y.
EDWARDS MFG. CO., 545 Eggleston av, Cincinnati, O.
See adv index at end of book
Enamel Products Co. (House Numbers), Eddy rd & Taft av, Cleveland, O.
Hageman Sign Co., 14H E. Commerce, Youngstown, O.
Highton Wm. & Sons Co., Nashua, N. H.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Ingram-Richardson Mfg. Co. (Porcelain Enameled Iron Automobile Numbers, also house & miscellaneous numbers), Beaver Falls, Pa.
See adv index at end of book
Kienzle Wm. F., 4855 N Paulina, Chicago, Ill.
Knight H. W. & Son (House, etc), Seneca Falls, N. Y.
Lorenzen & Co. Chas. F. (& Tile), 521 W Monroe, Chicago, Ill.
Louisiana Metal Cabinet Works, New Orleans, La.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Miller J. Walter Co. (House), Lancaster, Pa.
Moise Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Newman Mfg. Co. (Brass & Bronze), 722 Sycamore, Cincinnati, O.
See adv index at end of book
Niagara Falls Metal Stamping Works (Copper Milk Can, Automobile, House, etc), Niagara Falls, N. Y.
Nicol & Co. (House Numbers Only), 218 N. Jefferson, Chicago, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (House Numbers), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co. Reading, Pa.
Pioneer Corp. (House Numbers), 1249 W 65th, Chicago, Ill.
Providence Brass & Aluminum Foundry (House Numbers), 460 Eddy, Providence, R. I.
Reading Hardware Co., Reading, Pa.
Rex-Harris Fire Appliance Co. (Aluminum Numbers), 310 W 39th, New York
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Robbins Jno. Mfg. Co., 58 Kneeland, Boston, Mass.
Russell & Erwin Mfg. Co. (Steel), New Britain, Conn.
Sackman Mfg. Co. (Steel), Akron, O.
Shanafelt Mfg. Co. (Pattern, White Metal), Canton, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn, Chicago, Ill.
See adv index at end of book
Smith R. H. Mfg. Co., Springfield, Mass.
Spokane Stamp Works, Spokane, Wash.
Steere Geo. (House, Sign, etc), 432 S Dearborn, Chicago, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (House), Cleveland, O.
Turner & Seymour Mfg. Co. (House Numbers Only), Torrington, Conn.
Waterbury Button Corporation (Raised), 831 So. Main, Waterbury, Conn.
See adv index at end of book
Western Brass Mfg. Works (Cast Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Whitlock Mfg. Co., 1506 W 112th, Cleveland, O.
Wilcox, Crittenden & Co. Inc. (Brass), Middletown, Conn.
See adv index at end of book
Ziegler Bros. Co., Elgin, Ill.

10184—Nut Crackers & Picks

Arcade Mfg. Co. ("Arcade," "Standard" & "Universal," Crackers Only), Freeport, Ill.
Browne & Dowd Mfg. Co. (Crackers only), Meriden, Conn.
Cassady, Fairbank Mfg. Co. ("May Eureka," "Winchester," "Invincible Victor" & "Pride Standard"), 6126 S La Salle, Chicago, Ill.
Dellenbarger C. E., 1949 Fulton, Chicago, Ill.
Gray Iron Foundry Co. ("20th Century" Nut Crackers), Reading, Pa.
Grey Iron Casting Co. (Crackers Only), Mt. Joy, Pa.
Jennings Bros. Mfg. Co., Bridgeport, Conn.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co. (Crackers Only), 36 Brenner, Newark, N. J.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
New Standard Hardware Works, Inc., Mount Joy, Pa.
Nicol & Co. ("N. & Co." Crackers Only), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co. (Nut Crackers Only), Box 183 Newark, N. J.
See adv index at end of book
Peck, Stow & Wilcox Co., 428 E 48th, New York
QUACKENBUSH H. M., Herkimer, N. Y.
Rollman Mfg. Co. (Ltd.) ("Rollman" Crackers), Mt. Joy, Pa.
Sargent & Co. (Crackers Only), New Haven, Conn.
Schroeter Bros. Hardware Co. (Home Nut Crackers), 810 Washington, St. Louis, Mo.
Stearns E. C. & Co. (Serrated Jaw Nut Crackers), 450 Oneida, Syracuse, N. Y.
Tri-angle Mfg. Co. ("New Century"), Freeport, Ill.
Williams A. C. Co. (Crackers Only), Ravenna, O.
Woldert Ales Co. ("Squirrel" Crackers), Tyler, Tex.
Wrightsville Hardware Co. ("Brighton" Crackers), Wrightsville, Pa.

Nut-Locks

See Lock-Nuts & Washers

Nut Machinery

See Machinery, for Various Kinds of Nut Machinery

10185— Nut Mfrs.

Under this Head see Sub-classifications following
See also Bolt, Nut & Rivet Manufacturers
American Car & Foundry Co. (Square & Hexagon), Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
American Screw Co. (Small), 21 Stevens, Providence, R. I.
Anchor Bolt & Nut Co., Poughkeepsie, N. Y.
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Automatic Metal Products Co., Springfield, Ohio
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Berry Bros., Columbus, O.
Bethlehem Steel Co., So. Bethlehem, Pa.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Bourne & Knowles Mfg. Co., Cleveland, O.
Brightman Nut & Mfg. Co., Sandusky, O.
Camden Forge Co. (Large), Camden, N. J.
Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.
Chapman Machine Corp. (Small), Terryville, Conn. *See adv index at end of book*
Chicago Nut Co., 5213 W 20th, Chicago, Ill.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cold-Jess Mfg. Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Curtis Screw Wks., Buffalo, N. Y.
Delaware Marine Mfg. Co., Wilmington, Del.
Detroit Nut Co. (Steel, Brass & Bronze), Hubbard av & M. C. R. R., Detroit, Mich.
Dyson Jos. & Sons (Square & Hexagon), 5125 St. Clair av, Cleveland, O.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Garland Mfg Co., 1st National Bank Bldg., Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Greenlie Wyatt & Co., 499 Water, New York
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill-Smith Metal Goods Co. (For Automobiles only), 82 Brookline av, Boston, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., 915H E. 63rd, Cleveland, O.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, Ohio.
Lamson & Sessions Co., 2188 Scranton R. S. W, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
National Screw & Tack Co., Stanton av S E & C. P. Ry., Cleveland, O.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
New Haven Screw Co., 191-193 Foster, New Haven, Conn. *See adv index at end of book*
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, O.

Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Sandusky Nut Co., Sandusky, O.
Sherman-Klove Co., 4649 W. Harrison, Chicago, Ill.
Spafford Machine Screw Works (Milled), 516 Asylum, Hartford, Conn.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Union Cap Screw Co., 684 Hendrie, Detroit, Mich.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Western Screw Mfg. Co., 4413-23H W. Kinzie, Chicago, Ill.
Wood & Spencer Co., 1930 E. 61st, Cleveland, O.
Youngstown Mfg. Co., Youngstown, O.

Nut Picks

See Nut Crackers & Picks

10186— Nutgalls

Bredt F. & Co., 240 Water, New York
See adv index at end of book
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Norden A. & Co. (Imp.), 60 Beaver, New York
Thurston & Braidich (Imp.), 27 Cliff, New York

10187— Nuts (A. L. A. M.)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Hill Pump Valve Co. (Standard Plain & Castellated), 4001-21 Belmont av, Chicago, Ill.

10188—Nuts (Acorn Carriage)

Bossert Corp. (Differential Adjusting), cor Linden & West av, Utica, N. Y.
Dent Hardware Co., Fullerton, Pa.
Vahan Products Co., 73d & St. Clair, Cleveland, O.

10188a—Nuts (Automobile)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book

10189— Nuts (Bicycle)

Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Curtis Screw Works, Buffalo, N. Y.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

10190— Nuts (Brass Cap)

Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New york
Corbin Screw Corporation (Acorn Cap or Blank Brass, Bronze, Iron or Steel), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works (Brass & Steel Acorn Cap), 348 Franklin, Detroit, Mich.
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
New Haven Screw Co. (Plain, Hex & Collar to Order), 191-193 Foster, New Haven, Conn. *See adv index at end of book*
Reed & Prince Mfg. Co., Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Standard Screw Co., 81 E Madison, Chicago, Ill.
Star Expansion Bolt Co. ("Star"), 145 Cedar, New York
See adv index at end of book
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Western Automatic Machine Screw Co., Elyria, O.
Western Screw Mfg. Co., 4413-23H W Kinzie, Chicago, Ill.

10191—Nuts (Brass, Hexagon)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New York
Curtis Screw Wks., Buffalo, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, O.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Waltham Screw Co., Waltham, Mass.

10192—Nuts (Brass & Copper)

American Pin Co. ("Ampinco" Brass Only), Waterbury, Conn.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Ansonia Mfg. Co., Ansonia, Conn.
Blake & Johnson Co. (To Order), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Nut Co. (Brass Only), 2513 W 20th, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Continental Elec. Co., 1883 Park av, New York
Corbin Screw Corp., New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Nut Co. (Brass & Bronze), Hubbard av & M. C. R. R., Detroit, Mich.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Gaynor Mfg. Co. (Brass for Steam, Gas & Water Fittings), Bridgeport, Conn.
Hill Geo. Q. Co. (& Steel), Framingham, Mass.
International Brass & Electric Co. (Brass Hexagon, Machine Made), 76 Beekman, New York
Mutual Electric & Machine Co. (Copper), 232 Fort W, Detroit, Mich.
National Acme Co. (Brass Only), 7500 Stanton av S E, Cleveland, O.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, O.
Pheoll Mfg. Co. (Brass), 5700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
RAWLES JAMES & CO., 74 Pearl, Boston, Mass., & 253 B'way, New York
Reed & Prince Mfg. Co. (& Brass Cast), Worcester, Mass.
Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.
St. Louis Screw Co. (Brass & Bronze), Clarence & Bulwer av, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Waterbury Mfg. Co. (Brass), Waterbury, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Western Screw Mfg. Co. (Brass Only), 4413-23H W. Kinzie, Chicago, Ill.

10192a— Nuts (Carriage Bolt)

Reed & Prince Mfg. Co., Worcester, Mass.

10193—Nuts (Case Hardened)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland Mfg. Co., 1st Nat'l Bk. bldg, Pittsburgh, Pa.
Gary Screw & Bolt Co. (Finished), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Milton Mfg. Co. (Finished Hexagon), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av S E, Cleveland, O.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Pittsburgh Screw & Bolt Co. (Finished), Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept H, Worcester, Mass.
Rhode Island Tool Co. (Finished), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, Ohio

10194— Nuts (Cast Iron)

Ladd W. C., Bristol, Conn.

10195— Nuts (Castellated)

Automatic Screw Mach. Products Co., 416 W Grand av, Chicago, Ill.
Brightman Mfg. Co., Columbus, O.
Brightman Nut & Mfg. Co., Sandusky, O.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Columbia Nut & Bolt Co., Bridgeport, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hill Pump Valve Co (also Plain), 4001-21 Belmont av, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co. (Iron & Steel), 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av, S E & C. & P. Ry, Cleveland, O.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
New Haven Screw Co., 191-193 Foster, New Haven, Conn. *See adv index at end of book*
New London Screw & Nut Wks., New London, O.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Peerless Nut Co., 4300 Perkins av, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Sherman-Klove Co., 4649 W. Harrison, Chicago, Ill.
Western Automatic Mach. Screw Co., Elyria, O.
Wood & Spencer Co., 1930 E. 61st, Cleveland, O.

10196— Nuts (Caster)

Russell, Burdsall & Ward Bolt & Nut Co., (Case Hardened), Port Chester, N. Y.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.

10197—Nuts (Castle, Semi-Finished)

Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, (Also Polished, also "S. A. E."), 348 Franklin, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Milton Mfg. Co., Milton, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.

10198—Nuts (Check & Jam)

Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co. (Cold Punched & Semi-Finished), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, Ohio
Larkin J. K. & Co. (Check Only), 253 B'way, New York
See adv index at end of book
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av, S. E., Cleveland, O.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Pittsburgh Screw & Bolt Co. (Cold Punched & Semi-Finished), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.

NUTS (CHECK & JAM)—continued
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, Ohio

10199— Nuts (Clevis)

Bonney Forge & Tool Wks., Allentown, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), N. Y.
See adv index at end of book

10200— Nuts (Cold Drawn)

Curtis Screw Wks., Buffalo, N. Y.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

10201— Nuts (Cold Pressed)

American Equipment Co., Norristown, Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Berry Bros., Columbus, O.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Columbus Bolt Works Co., Columbus, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
National Acme Co. (Machine Screw), 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Screw Mfg. Co., 4413-23H W. Kinzie, Chicago, Ill.

10202—Nuts (Cold Punched)

American Equipment Co., Norristown, Pa.
Arghis, E. J. & Co., 74 Wall, New York
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Ballard Drop Forge Co., Seattle, Wash.
Bethlehem Steel Co., So. Bethlehem, Pa.
Berry Bros., Columbus, O.
Buffalo Bolt Co., Buffalo, N. Y.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
CLARK BROS. BOLT CO., Millidale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Tapped, Square & Hexagon), New Britain, Conn.
Falls Rivet Co., Kent, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co. (Chamfered & Trimmed), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, O.
Lamson & Sessions Co. (Chamfered & Trimmed), 2188 Scranton rd, S W, Cleveland, O.
LARKIN, J. K., & CO., 253 Broadway, New York. *See adv index at end of book*
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Milton Mfg. Co. (Chamfered & Trimmed), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., 6338 Butler, Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co. (Chamfered & Trimmed), Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.

10203— Nuts (Coupling)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E, Cleveland, O.

Cleveland Steel Tool Co. (To Fit Any Punching Machine), 660 E 82nd, Cleveland, O.

10204—Nuts (Double Cupped)

St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.

10205— Nuts (Forged)

American Equipment Co., Norristown, Pa.
Ames, W., & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Bonney Forge Tool Works, Allentown, Pa.
Columbus Bolt Works, Columbus, O.
Dyson Jos. & Sons, 5125 St. Clair av, Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kansas City Bolt & Nut Co., Kansas City, Mo.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co. (Large), 62nd & A. V. R. R., Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Upson Nut Co., Cleveland, O.

10206— Nuts (Hot Pressed)

American Bolt Co., Birmingham, Ala.
American Equipment Co. ("U. S. Standard"), Norristown, Pa.
Ames, W., & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Arghis E. J. & Co., 74 Wall, New York
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So. Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Clark Bros. Bolt Co., Millidale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Falls Rivet Co., Kent, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Boll & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanman, E. B., Co., E. Chicago, Ind.
Lanz, M. Bolt, Co., 2907H Carson, Pittsburgh, Pa.
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Lebanon Iron Co., Dept. H Lebanon, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens, N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft. of Meldrum. Detroit, Mich.
Milton Mfg. Co. (Square & Hexagon), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., 6338 Butler, Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New Haven Screw Co. (To Order), 191-193 Foster, New Haven, Conn.
See adv index at end of book
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Rockford Bolt Co. (Square & Hexagon), 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co. (Square & Hexagon), Scranton, Pa.
Southern California Iron Steel Co., 4th & Mateo, Los Angeles, Cal.
Upson Nut Co., Cleveland, O.

10207— Nuts (Ivory)

Calvet Pablo & Co., 99 Water, New York
Held A. (Imp.), 11 William, New York

10208— Nuts (Joint)

Bethlehem Steel Co., So. Bethlehem, Pa.
Gary Screw & Bolt Co. (Cold Punched), Gary, Ind.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pittsburgh Screw & Bolt Co. (Cold Punched), Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co. (Hot Forged), Cleveland, Ohio

10209— Nuts (Knurled)

Chicago Nut Co. (Brass), 2513 W 20th, Chicago, Ill.
Corbin Screw Corporation (Thumb), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Hill Geo. Q. Co., Framingham, Mass.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Mach. Screw Co., Elyria, O.

10210— Nuts (Large)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Milton Mfg. Co. (For Heavy Steam, Electrical Machinery, Bridges, etc), Milton, Pa.
National Bolt & Nut Co., 6338 Butler, Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Pollak Steel Co., Cincinnati, Ohio
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.

10211—Nuts (Machine Screw)

American Instrument Works, Inc., 18 E. Lacock, Pittsburgh, Pa.
American Screw Co. (Tapped), 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co. (Brass & Iron), 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Berry Bros., Columbus, O.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Clark Bros. Bolt Co., Millidale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, O.
Moore Franklin Co., Winsted, Conn.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av S E & C. & P Ry., Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Pheoll Mfg. Co. (Brass, Copper, Iron, Steel & Zinc), 3700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co. (Iron & Brass, Square & Hexagon), Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
U. S. Automatic Co., Amherst, O.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Western Screw Mfg. Co., 4413-23H West Kinzie, Chicago, Ill.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

10211a— Nuts (Milled)

New Haven Screw Co., 191 Foster, New Haven, Conn.
See adv index at end of book

10212— Nuts or Collars

Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Curtis Screw Wks., Buffalo, N. Y.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Smith Thos. Co., Worcester, Mass.
Western Automatic Machine Screw Co., Elyria, O.

10213—Nuts (Phosphor Bronze)

Curtis Screw Wks., Buffalo, N. Y.
Laughlin, Thos., Co., Portland, Me.
See adv index at end of book
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

10214— Nuts (Pipe Sleeve)

Bethlehem Steel Co., So. Bethlehem, Pa.

10215—Nuts (Planer Head Bolt)

Detroit Screw Works, 348 Franklin, Detroit, Mich.
Gary Screw & Bolt Co., Gary, Ind.
National Acme Co., 7500 Satonton av, S E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

10215a— Nuts (S. A. E.)

Harper F. C. Screw Wks., 29 S Clinton, Chicago, Ill.
Hill Pump Valve Co. (Standard, Plain & Castellated), 4001-21 Belmont av, Chicago, Ill.
New Haven Screw Co., 191-193 Foster, New Haven, Conn.
See adv index at end of book
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Sherman-Klove Co., 4649 W. Harrison, Chicago, Ill.
St. Louis Screw Co., Clarence & Bulver av, St. Louis, Mo.

10216—Nuts (Semi-Finished)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Brightman Nut & Mfg. Co., Sandusky, O.
Chicago Nut Co. (Brass), 2613 W 20th, Chicago, Ill.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper, F. C., Screw Wks. (Hexagon), 29 S. Clinton, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lake Erie Bolt & Nut Co., ft of E 63d, Cleveland, O.
LARKIN, J. K., & CO., 253 Broadway, New York. *See adv index at end of book*
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., 6338 Butler, Pittsburgh, Pa.
National Screw & Tack Co., Stanton av, S E & C. & P. Ry., Cleveland, O.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Niagara Screw Co., Buffalo, N. Y.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peerless Nut Co., 4300 Perkins av, Cleveland, O.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

10217— Nuts (Sleeve)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Curtis Screw Wks., Buffalo, N. Y.
Larkin, J. K., & Co., 253 Broadway, New York. *See adv index at end of book*
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), N. Y.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida St. Louis, Mo.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Rhode Island Tool Co., Providence, R. I.
Steel Car Forge Co. Frick bldg, Pittsburgh, Pa.

10217a—Nuts (Square & Hexagon)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harper, F. C., Screw Wks. (Semi-Finished Hexagon), 29 S. Clinton, Chicago, Ill.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lanz, M., Bolt Co., 2907H Carson, Pittsburgh, Pa.
LARKIN, J. K., & CO., 253 Broadway, New York. *See adv index at end of book*
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

10218—Nuts (Stove Bolt & Key)

American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co. (Stove Bolt), 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Berry Bros., Columbus, O.
Boss Nut Co., 1734 N. Kolman av, Chicago, Ill.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Falls Rivet Co., Kent, Ohio
Lamson & Sessions Co., 2188 Scranton rd, S. W.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.

10219— Nuts (Tapped)

American Equipment Co., Norristown, Pa.
Ames, W., & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Brightman Mfg. Co., Columbus, O.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Colorado Fuel & Iron Co., Denver, Colo.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Square & Hexagon), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper F. C. Screw Wks, 19 E 8th, Chicago, Ill
Hoopes & Townsend Co., Broad & Buttonwood. Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions, 2188 Scranton rd, S. W., Cleveland, O.
Lanz, M., Bolt Co., 2907H Carson, Pittsburgh, Pa.
Larkin, J. K., & Co., 253 Broadway, New York. *See adv index at end of book*
Lorain Steel Co., Johnstown, Pa.
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co. (Machine Screw Cold Pressed), 7500 Stanton, Cleveland, O.
National Bolt & Nut Co., 6338 Butler, Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S 22nd, Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., Youngstown, Pittsburgh, Pa.
Reed & Jones Mfg Co., Dept. H Worcester, Mass.
Republic Iron & Steel Co., Youngstown, Ohio
See Branch Offices Alphabetical Section
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, O.

10220— Nuts (Telephone)

Greer, Frederic, 525 W Van Buren, Chicago, Ill.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.

10221—Nuts (Thumb or Wing)

Am. Brass Products Co. (Wing), Pottstown, Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Corbin Screw Corporation (Brass, Bronze, Iron & Steel), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Devlin Thos. Mfg. Co., 3d & Lehigh, Phila., Pa.
Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Greer, Frederic, 525 W Van Buren, Chicago, Ill.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. (Thumb), Framingham, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland O.
Malleable Iron Fittings Co. ("M. I. F. Co." Malleable), Branford, Conn.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Miles Franklin S., 205 Quarry, Phila., Pa.
National Screw & Tack Co., Stanton av & C. & P Ry, Cleveland, O.
Page Storms Drop Forge Co. (Thumb, Drop Forged Steel), Chicopee, Mass.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Petry N. A. Co. Inc. (Wing), 328-34 Randolph, Phila., Pa.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co. (Wing), Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Stowell Co., The, S. Milwaukee, Wis.
Upson Nut Co., Cleveland, O.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Western Automatic Machine Screw Co., Elyria, O.
WILLIAMS J. H. & CO. ("Vulcan" drop forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

10222— Nuts (Tire Bolt)

American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Berry Bros., Columbus, O.
Clark Bros., Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland O.
National Screw & Tack Co., Stanton av av & C. & P. Ry, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Upson Nut Co., Cleveland, O.

10223— Nuts (Top Prop)

Brewer-Titchener Corp., The ("Pioneer"), Cortland, N. Y.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Neider F. A. Co., Augusta, Ky.
Searls Mfg. Co., Cleveland, O.

10224— Nuts (Weldless Eye)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.

Nuts (Wing)

See Nuts, Thumb or Wing

10225—*Nuts & Buttons (Leather)

Barwood L. J. Mfg. Co. ("Barwood" for Player Pianos), Stoneham 80, Boston, Mass. *See adv index at end of book*

10226— Oakum

American Mfg. Co., Noble & West, B'rklyn, N. Y.
Baker Wm. T., 224 Suydam av, Jersey City, N. J.
Bishop Robert Mfg. Co., 157 W Sixth, South Boston, Mass.

OAKUM—continued
Broderick & Bascom Rope Co. (Jobbers), 805 N. Main, St. Louis, Mo.
Central Rope Mfg. Co., 181 Scholes, Brooklyn, N. Y.
Chelsea Fibre Mills, 212 5th av, New York
Daniels C. R. Inc., 115 South, New York
DAVEY W. O. & SONS, 169 Laidlaw av, Jersey City, N. J.
See adv index at end of book
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Marine Mfg. & Supply Co., 158 South, New York
Meagher's Jas. Sons, 1625 San Bruno, San Francisco, Cal.
New York Cordage Co., 123 Front, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Robinson & Jans, Winthrop, Minn.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
WALL ROPE WORKS, INC., 48 South New York
Winne F. W. & Son, 237 Market, Phila., Pa.
Woolford N. B. Oakum Co., 601 S Luzerne av, Baltimore, Md.

10227— Oars (Boat)

Allen Fred A. Sportsman's Specialty Co., (Bow Facing Oars), Monmouth, Ill.
Anchor Saw Mills Co., Memphis, Tenn.
Angley & Cole, Brewer, Me.
Bayless Mfg. Co. ("Arrow," "No. 1" Ash), Memphis, Tenn.
Brown W. F. & Sons, Denham Springs, La.
De Grauw Aymar & Co. ("Crown," Ash & Spruce), 34 South, New York
Detroit Boat Co. Kerchol & Connors av, Detroit, Mich.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lease, G. D. & W. J., Jeffersonville, Vt.
Moorman Eli S. & Son, Plaquemine, La.
New York Boat Oar Co. ("Ezekiel Page" Brand), 69 West, New York
Rushton, S. P., Canton, N. Y.
Strand Martin A., New Richmond, Wis.
Stryker Boat-Oar & Lumber Co., Stryker, O.
Upson-Walton Co. (Ash), 1294 W 11th, Cleveland, Ohio
Wilsey & Shaffer Mfg. Co., Vicksburg, Miss.

10228— Oatmeal

See also Food Cereal, Prepared, etc.
Corno Mills Co., International Life bldg, St. Louis, Mo.
H-O Company, Buffalo, N. Y.
Hecker Cereal Co., 40 Carlear, New York
National Oats Co., Cedar Rapids, Ia.
Purity Oats Co., Keokuk, Ia.

10229— Oats Cleaners

Higbie Oats Cleaner Co., 2346 Clybourne av, Chicago, Ill.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Smith F. P. Wire & Iron Works ("Higbie"), 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Sprout, Waldron & Co., Muncy, Pa.

10230— Ochres

Cherokee Ochre Co., Cartersville, Ga.
Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Commercial Co. Ltd. of U. S. (Imp.), 295 B'way, New York
Georgia-Peruvian Ochre Co. (Miners & Mfrs.), 165 B'way, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Katzenbach & Bullock Co., 100 William, New York
Lyons S. C. & Bros., Bennington, Vt.
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
National Sales & Trading Co. (Yellow French), Cleveland, O.
New Riverside Ochre Co., Cartersville, Ga.
Osborn C. J. Co. (French Imported), 132 Nassau, New York
Patton Paint Co. (White, Gray, etc.), Milwaukee, Wis.
Reichard-Coulston Co. (Imp), 303 5th av, New York
Smith J Lee & Co. (Golden & French), 19 Jacob, New York
Wilbur J. Co., Providence, R. I. Factory: E Tioga, Phila., Pa.
WILLIAMS C. K. & CO. ("Anchor Brand"), Easton, Pa.
See adv index at end of book

10231— Oculometroscopes

Meriden Optical & Jewelry Co., Meriden, Conn.
Spencer Optical Co., 5 Maiden la., New York

Odometers

See Meters, Distance Recording

10232-3-4—Oesphagoscopes

Electro Surgical Instrument Co., Rochester, N. Y.

Office Building Directories (Changeable)

See Building Directories, Changeable

10235— Ohmeters

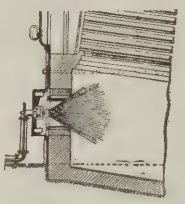
Biddle James G. ("Megger" Direct Reading, Imported), 1211 Arch, Phila, Pa.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Leeds & Northup Co., 4901 Stenton av, Phila., Pa.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

10236— *Oil Airoilene

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book

10236a—Oil Burning Systems

Bethlehem Shipbuilding Corp., Ltd. (Mechanical), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Burnett-Larsh Mfg. Co., Dayton, Ohio
SCHUTTE & KOERTING CO., 1251 N. 12th, Philadelphia, Pa.
See adv index at end of book



Complete equipment including Oil Heaters, Pumps, Strainers, Burners, etc. Several types to meet every requirement. *Catalog 16-O.*
Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa.

10237— Oil Cloth Mfrs.

See also Linoleum Manufacturers
Bailey's C. M. Sons & Co. (Floor), Winthrop, Me.
Blabon Geo. W. Co. ("Var Cloth" Floor), Nicetown, Philadelphia, Pa.
Certain-teed Products Co. ("Certain-teed"), Boatmans Bank bldg, St. Louis, Mo.
Chandler Oil Cloth & Buckram Co. (Carriage Enameled), Taunton Mass.
Columbus Oil Cloth Co. (Table & Enameled), 1280 N Grant av, Columbus, O.
Dunn J. C. & Co. (Floor), Camden, N. J.
Farr & Bailey Mfg. Co. (Floor Oil) Cloth & Rugs), Camden, N. J.
Goodlatte T. R. & Sons Inc., Delawanna av, Delawanna, N. J.
See adv index at end of book



TABLE OILCLOTH
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QUALITY
T. R. Goodlatte & Sons, Inc.
Delawanna Ave., Delawanna, N. J.

Landers Bros. Co., Toledo, O.
Monarch Rubber & Oil Cloth Co. (Carriage), Drexel bldg, Philadelphia, Pa.
Nairn Linoleum Co. (Floor), Kearny, N. J.
O'Bannon Corp., 200 Fifth, New York
Potter Thos. Sons Co. (Inc.), (Floor, Table & Rugs), No. 2d & Erie av, Phila, Pa.
Sampson, Alden & Sons (Floor), 320 B'way, New York
Standard Oil Cloth Co. ("Meritas" Table, **also Shelf, Stair, Carriages, etc), 320** B'way, New York
Taunton Oil Cloth Co., Taunton, Mass.
Wadsworth & Woodman Co., Winthrop, Ma.

10238—Oil Colors (Artists')

Devoe & Raynolds Co., Inc. (In Collapsible Tubes), 101 Fulton, New York
Ruxton Philip, Inc., 220 W 42nd, New York
Sartorius A. & Co. ("Oleo"), 57 Murray, New York
Weber F. & Co., 1220 Buttonwood, Phila., Pa.

10238a—*Oil Conservator (Transformer)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

10238b—*Oil Country Tubular Goods (Genuine Wrought Iron)

Byers A. M. Co. (Line Pipe, Oil Well Casing, California X L Casing, Inserted Joint Casing, Oil Well Tubing, Standard Drill Pipe, Special Rotary Drill Pipe, Standard Drive Pipe), 235 Water, Pittsburgh, Pa.

Oil Cups

See Lubricators, Oil & Grease Cup

10238c—*Oil Cups, Glass, Sight Feed, Signal Stop

LUKENHEIMER CO. ("Cardinal," "Sentinel," "Acorn," "Hawk" & "Reserve"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

Oil Duck

See Duck (Oiled)

10239— *Oil Filters

Burt Mfg. Co., 40 Main, Akron, O.
See adv index at end of book
General Electric Co. (Transformer), Schenectady, N. Y.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

10240—Oil Hole Covers & Cups

BAY STATE STAMPING CO. ("Bennett Handy" Self Closing"), 380 Chandler, Worcester, Mass.
See adv index at end of book
Bossert Corp., The (Hand), cor. Linden & West av, Utica, N. Y.
Bowen Corp. ("Winkley"), Detroit, Mich.
BOWEN PRODUCTS CORP. Divs. Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn. & Windsor, Ont. Auburn, N. Y.
See adv index at end of book
GITS BROS. MFG. & SPECIALTY CO., ("Gits"), 1901 S Kilbourne, Chicago, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Osgood J. L. Tool Co., Buffalo, N. Y.
Tucker W. B. & C. E. ("Tucker two-piece), 516 Asylum, Hartford, Conn.

10240a— *Oil (Hydraulic)

Aldrich Pump Co., Allentown, Pa.
Elmes Chas. F. Engineering Works, cor. Fulton and Sangamon, Chicago, Ill.
See adv index at end of book

10240a— *Oil of Mirbane

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

Oil of Vitriol

See Acid-Sulphuric

10240b— Oil Pumps

Erie Pump & Engine Works, Inc., 141 Glenwood av, Medina, N. Y.
See adv index at end of book
LUKENHEIMER CO. ("Alpha," "Imperial," "Invincible," "Marvel" & "Universal"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W. Superior, Chicago, Ill.

10241—Oil Reclaiming Systems

Bowser S. F. & Co., Ft. Wayne, Ind.
Nugent Wm. W. & Co., 146 W. Superior, Chicago, Ill.

10242—*Oil Refineries Complete (Constructors of)

Graver Corp., East Chicago, Ind.
See adv index at end of book
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Ft. Wayne, Ind.

10243— Oil-Soluble Colors

Behlen H. & Bro. (For Coloring Illuminating Oils & Greases, etc), 371 Pearl, New York

10244-5—Oil Spreader & Hot Roller

Hvass Chas. & Co. (for Oiling Roads), 511 E 18th, New York

Oil Stains

See Wood Stains

Oil Stones

See Stones, Oil & Water

10245a— Oil Well Explosives

Atlas Powder Co., Wilmington, Del.
Giant Powder Co. Cons., San Francisco, Cal.

10246—Oil & Gas Well Supplies

American Forge Works (Oil Well Tools), Denver, Colo.
Am. Iron & Supply Co., Marietta, Ohio
Am. Machinery & Supply Co. (Jobber), 1515 Jackson, Dallas, Texas.
American Well & Prospecting Co., Carsicana, Tex.
American Well Works, The, 112 B'way, Aurora, Ill.
See adv index at end of book

"Anything and Everything for the Oil Fields"

Drilling and Fishing Tools

Rigs and Derricks

Elevators—Pulleys—Snatch Blocks—Hooks—Clamps—Tool Boxes—Etc.

HARDWARE—MECHANICS' TOOLS

ASSOCIATED WELL SUPPLY COMPANY, Inc.

111 Broad St., New York

Telephone Bread 7464-5868

Cable Address—EGCHRISTIN, New York

Anniston Electric Steel Corp., Anniston, Ala.
Armstrong Mfg. Co., Waterloo, Ia.
Associated Supply Co., Sharon bldg, San Francisco, Cal.
ASSOCIATED WELL SUPPLY CO., INC., 111 Broad, New York
See adv index at end of book
Atlas Supply Co., Muskogee, Okla.
Beeler & Campbell Sup Co., Independence, Kans.
Bovaird Supply Co., Independence, Kans.
Bovaird & Co., Bradford, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bradford Motor Works, Bradford, Pa.
Bradford Supply Co., Bradford, Pa.
Branchland Supply Co., Huntington, W. Va.
Bunting Iron Wks., Dept. H, 1st National Bank bldg, San Francisco, Cal.
Busch A. H. Co., 150 N Los Angeles, Los Angeles, Cal.
Cal. National Supply Co., 147 N Los Angeles, Los Angeles, Cal.
Campbell J. G. & W., Butler, Pa.
Childs Jno. Sr., Smiths Ferry, Pa.
Clark Supply House, Noblesville, Ind.
Clark & Norton Mfg. Co., Wellsville, N. Y.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
COLUMBUS SUCKER ROD CO., THE, Columbus, O.
Corlett W. W., Knox, Pa.
Continental Supply Co., The, 1139 Olive, St. Louis, Mo.
Cornell-Searl Co., Lincoln, Neb.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
D. & B. Pump & Supply Co., 3$01 W. av, 26th, Los Angeles, Cal.
Dresser S. R. Mfg. Co. (Specialties), Bradford, Pa.
Dunham, Carrigan & Hayden Co., Kansas & Division, San Francisco, Cal.
Emery L. Jr., Bradford, Pa.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Frick-Reid Supply Co., Sandusky & Robinson, Pittsburgh, Pa.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Greenspon's Jos. Sons Iron & Steel Co., 67 Branch, St. Louis, Mo.
Harper & Reynolds Co., 152 N Main, Los Angeles, Cal.
Hays E. F. & Sons, Chicora, Pa.
Heller, Aller & Co., Napoleon, O.
Herron R. H. Co. (Mfrs. & Jobbers), Los Angeles, Cal.
Hoch Bros., Chicora, Pa.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Hughes Tool Co. (Rotary Drill Bits), Houston, Tex.
Illinois National Supply Co., Casey, Ill.
Independent Steel Corp., 109H Broad, New York
Interstate Supply Co., 1432 Oliver bldg, Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Jones S. M. Co., Toledo, O.
Kane Supply Co., Kane, Pa.
Keiser Geo. & Co., Munice, Ind.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kesselman & Co., Butler, Pa.
Keystone Iron Works, 37th & Santa Fe av, Los Angeles, Cal.
Larkin & Co., Butler, Pa.
Leidecker Tool Co., Marietta, O.
Leschen A. & Sons Rope Co., St. Louis, Mo.
Link-Belt Company (Chains & Wheels for Operating Drills), 300 W. 39th, Chicago, Ill. *See adv index at end of book*
LUCEY MANUFACTURING CORP., 233 B'way, New York
For branch offices see Alphabetical Section
Lucey Mfg. Corp. of Texas, Houston, Tex.
LUNKENHEIMER CO. Executive offices and factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDONALD A. Y. MFG. CO., Dubuque, Ia.
McDowell W. I., Knox, Pa.
McElwaine Mfg. & Auto Co., Bradford, Pa.
McEvoy J. H. & Co., Houston, Texas
McEwen Bros., Wellsville, N. Y.
McFie W. T. Supply Co. (Oil Well), Los Angeles, Cal.
Macksburg Tool Co., Macksburg, O.
Magee Jno A. Co., Clarion, Pa.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Masseth Packer & Machine Co., Butler, Pa.
Mills Iron Works (Oil & Water Well), 927 N Main, Los Angeles, Cal.
Mills Machine Co., Vanburen, Ind.
Milton S. G. & Son ("Milton" Pulling Machine for Pulling Rods or Tubing from Wells & Replacing same Ready for Pumping), Franklin, Pa.
Mitchell H. B. & Co., Emlenton, Pa.
Moorhouse G. W., Kinzua, Pa.
National Supply Co. of Texas, Houston, Texas
National Supply Co., Toledo, O.
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
Norris W. C., Tulsa, Okla.
Novis Bros., Robinson, Ill.
Ohio Pipe Co., Findlay, O.
Oil Well Improvements Co. (Roller Oil Savers, Sand Line Caps & Solid Bit-Underreamer), Tulsa, Okla.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Page, A. C. (Oil Well), Wichita Falls, Tex.
Parkersburg Machine Co., Parkersburg, W Va.
Parkersburg Rig & Reel Co., Parkersburg, W. Va.
Pattin Bros. Co., Marietta, O.
Pickett Hardware Co., Warren, Pa.
Picking R. O. Phelan bldg, San Francisco, Cal.
Pittsburgh Supply Co., Pittsburgh, Pa.
Prichard Supply Co., Mannington, W. Va.
Reid Jos. Gas Engine Co., Oil City, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Republic Supply Co., 500H 2nd st, San Francisco, Cal.
Rouseville Supply Co., Rouseville, Pa.
Sehnerts, Inc. ("Caddo Special"), Shreveport, La.
Shenck Mfg. & Supply Co., Parkers Landing, Pa.
Spang & Co., Butler, Pa.
STACY, EUGENE C. (Load Binders), Tiffin, O. *See adv index at end of book*

Oil and Gas Well Supplies
and Equipment

OIL COUNTRY TUBULAR GOODS

Frick & Lindsay Co.

Sandusky and Robinson Sts. Pittsburgh, Penna.

Branch Stores in Eastern Fields

OIL & GAS WELL SUPPLIES—cont.
Stancliff Well Screen & Mfg. Co., Houston, Tex.
Standard Supply Co., Scio, O.
Stitt Robt. G., Toledo, O.
Tay Geo. H. Co., 599 Mission, San Francisco, Cal.
Tay-Pike Co., Coalinga, Cal.
Texas Mfg. Co., Fort Worth, Texas
Thompson & Co., Mt. Jewett, Pa.
Tuna Iron & Steel Works, Bradford, Pa.
Union Tool Co. (Complete Equipment), Torrance, Cal.
United Iron Work Inc., Kansas City, Mo.
Wagner Supply Co., Dept. H, Ft. Worth, Texas
Warren Tool & Forge Co. (& Oil Well Sucker Rod Elevators), Warren, O.
See adv index at end of book
Wilbert John Petroleum Center, Pa.
Wyssbrod E. V. & Co., Findlay, O.
Yeager S. Petrolia, Pa.
Zahniser Bros. & Sten, Washington, Pa.

10247—Oil & Grease Guns & Syringes

Ayner Raymond C. Co., Burlington, Wis.
American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.
Am. Steel Tube Co., Toledo, Ohio
Bell Pump & Mfg. Co. ("Bell"), 78 Fort, E., Detroit, Mich.
Bridgeport Brass Co. (Guns), Dept. H, Bridgeport, Conn.
Coe Stapley Mfg. Co. ("Coe-Stapley"), West Haven, Conn.
Delta Mfg. Co., 9 Delancy, Newark, N. J.
Edelmann, E. & Co., ("Jumbo"), 341 E Ohio, Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler Yankee" Grease & Oil Guns), 59 E 24th Chicago, Ill.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hall Mfg. Co., Harrison, N. J.
Hancock Mfg. Co., Charlotte, Mich.
Haney J. H. & Sons, Omaha, Neb.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Knapp Mfg. & Supply Co. (Brass), 241 Water, New York
Middle States Oil Co., B of L E bldg, **Cleveland, O.**
Monarch Mfg. Co. ("Monarch" Lubricating), Council Bluffs, Ia.
N. Y. & N. J. Lubricant Co. ("N. F. O." Lubricating Oil Gun), 165 B'way, New York
Noera Mfg. Co., Waterbury, Conn.
Rose J. A. Mfg. Co., Hastings, Neb.
Royersford Foundry & Machine Co. ("Sells"), 52 N 5th, Philadelphia, Pa.
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.
Sunderland Mfg. Co. (Grease Gums Only), 600 W. 22nd, Chicago, Ill.
Townsend S. P. & Co. ("Townsend"), Orange, N. J.

10247a—*Oiled Cotton Goods

Goodlatte T. R. & Sons, Inc., Delawanna av, Delawanna, N. J.
See adv index at end of book



OILED COTTON
Ducks—Drills—Muslin
Samples Mailed on Request
T. R. Goodlatte & Sons, Inc.
Delawanna Ave., Delawanna, N. J.

10248— Oiled Silk

Chicago Mica Co. (Cambrie Cloth, Oiled Canvas, Oiled Silk), Valparaiso, Ind.
See adv index at end of book
Irvington Varnish & Insulator Co. ("Irvington" for Insulating Purposes), Irvington, N. J.

Oilers (Axle)

See Oilers, Engine and Machine

10249—Oilers (Car Journal Box)

Armstrong Oiler Co. (Automatic), Commonwealth bldg., Phila., Pa.
Fleming J. R. & Son Co., Scranton, Pa.
GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Handian-Buck Mfg. Co. ("Aycock"), 210 N. 3rd, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

10250— Oilers (Car Pit)

GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, M S, Pittsburgh, Pa. *See adv index at end of book*
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.
Wall P. Mfg. Supply Co. (Brazed), 705 Preble av, N S, Pittsburgh, Pa.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

10251— Oilers (Crank Pin)

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

10252—Oilers (Cross Head Pin)

LUNKENHEIMER CO. ("H.-W."), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nathan Mfg. Co., 416 E 106th, New York
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Richardson-Phenix Co., 331 2nd, Milwaukee, Wis.
Star Brass Mfg. Co. ("Star"), 108 E. Dedham, Boston, Mass.

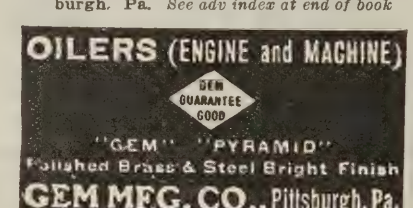
10253—*Oilers (Eccentric)

LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

10254—Oilers (Engine & Machine)

See also Cans, Oil, etc

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.
Ansonia Novelty Co. ("Richard" Solderless Bottom), Ansonia, Conn.
Bassick Co. ("Bassick"), 38H Austin, Bridgeport, Conn.
Beereis & Bassick Co., Div. of The Bassick Co., Bridgeport, Conn.
Bloomer R. E. ("Cannon"), Keithsburg, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Boggs Auto Supply Co. ("Kup-Kan"), **Fort Dodge, Ia.**
Bowen Products Corp., Divs., Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn. & Windsor, Ont., Can. Auburn, N. Y.
See adv index at end of book
Cannon Oiler Co. (successors to R. E. Bloomer), Keithsburg, Ill.
Commonwealth Brass Corp., 5781 Commonwealth av, & Ry, Detroit, Mich.
Detroit Ship Building Co. (Brass Department), ft. Orleans, Detroit, Mich.
Deverall Perfection Mfg. Co. ("Deverell"), Caton av, Brooklyn, N. Y.
Dover Stamping & Mfg. Co. (Tin & Brass), Cambridge, Mass.
Eagle Mfg. Co. (Railroad, etc), Wellsburg, W. Va.
Essex G. B. Brass Co., 680 Franklin, Detroit, Mich.
GEM MFG. CO. ("Gem" & "Pyramid" Polished Brass & Steel, Bright Finish), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*



GENDER, PAESCHKE & FREY CO. (Pierced Tin & Galvanized Iron Bent & Straight Spout, also Spring Bottom Oilers), 1340-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Hero Mfg. Co. ("Hero," "Chace's" "Paragon"), Westmoreland av & Stokley, Phila., Pa.
Huebel Mfg. Co. (Malleable Iron), 103 Monroe, Newark, N. J.
Ironsides Co. ("Tormay" for Mine Cars), Columbus, O.
Jackson J. W. ("Jackson" Tin Self Closing Engine Oiler), Sharpsville, Pa.
Johnson Mfg. Co., Urbana, O.
Knapp Mfg. & Supply Co. (Engineers' Brass Sets), 241 Water, New York
Lidseen, Gustave ("Lidseen" Positive Force Feed), 832 S. Central av, Chicago, Ill.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Ludlow Mfg. Co., Ludlow, Ky.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co.") (Malleable Iron), Branford, Conn.
Manhattan Brass Co. (Brass & Zinc), 332 E 28th, New York
Manzel Charles W. Mfg. Co., 89-93 Main, Buffalo, N. Y.
Matthews & Willard Mfg. Co., Waterbury, Conn.
Mine & Smelter Supply Co. ("McVicar"), 42 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Noera Mfg. Co. ("Noera," "Thompson," "Puritan" Brass & Steel, of All Kinds), Waterbury, Conn.
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Pedersen Lubricator Co., 636 1st av, New York
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Penn Oiler Co. ("Penn." Spun Zinc & Brass), 250 Fulton, New York
Powell Wm. Co. (Glass, Plain & Sight Feed), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Rich Mfg. Co. (Eccentric), 370 Atlantic av, Boston, Mass.
Richardson-Phoenix Co. (Crank Pin & Telescopic), 131 2nd, Milwaukee, Wis.
Sands Steel Specialties Co. ("Sands" Steel Brazed), 6947 Susquehanna, Pittsburgh, Pa.
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.
Threthaway Bros. (Tin & Galvanized Iron), Parsons, Pa.
Vogel Wm. & Bros. ("Acme"), 37 S 9th Brooklyn, N. Y.
Wall P. Mfg. Supply Co. ("Wall's" Vent Pyramid, Steel & Spring Bottom), 705 Preble av, N S, Pittsburgh, Pa.
Walters Mfg. Co. ("M. & L." Sheet Steel), Fulton bldg., Pittsburgh, Pa.

10255— Oilers (Felloe)

American Scale Co., Kansas City, Mo.
Foote J. B. Foundry Co., Fredericktown, Ohio
Gowanda Agricultural Works, Gowanda, N. Y.
Indiana Foundry Co., Indiana, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Southern Skein & Fdry. Co., Chattanooga, Tenn.
Wagner Mfg. Co., Sidney, O.

10256— Oilers (Felt)

BRAWLEY, T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*

10257— Oilers (Floor)

Garnet Geo. H. Co. ("Universal"), Allentown, Pa.

10258— Oilers (Hog)

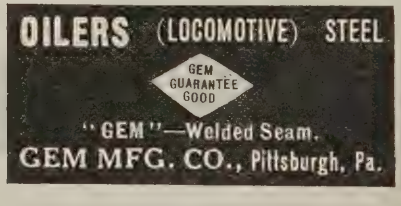
American Hog Post Co., Peoria, Ill.
Health Hog Oiler Co., Kenton, Ohio
Hog-Joy System, Springfield, Ill.
Meyer Corporation, Morton, Ill.
O. H. C. Mfg. Co., Peoria, Ill.
Rowe Mfg. Co., Galesburg, Ill.
Shaw, Welsh & Co., Galesburg, Ill.
Sherman Hog Greaser Co., Peoria, Ill.
Starbuck Mfg. Co., Peoria, Ill.
Weldex Mfg. Co., Richmond, Ind.

10259-60—Oilers (Lawn Mower)

Eureka Mfg. Co., Council Bluffs, Iowa
Galesburg Specialty Works, Galesburg, Ill.

10261—Oilers (Locomotive)

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Dressel Railway Lamp Works, 3860 Park av, New York
Eagle Mfg. Co., Wellsburg, W. Va.
Gem Mfg. Co. ("Gem" Welded Seam), Goebel nr. Fulton, N. S. Pittsburgh, Pa. *See adv index at end of book*



Gray Peter & Sons, Inc. (Engineers' Heavy), 286 3rd, East Cambridge, Mass.
Handian-Buck Mfg. Co. ("Perfection" Valve), 210 14 N 3rd, St. Louis, Mo.
Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
Jackson J. W. ("Jackson" Oil Can), Sharpsville, Pa.
Johnson Mfg. Co. ("The J," Long Spout), Urbana, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Knapp Mfg. Co., 48 Warren, New York
Lidseen, Gustave (Welded Spouts & Handles), 832 S. Central av, Chicago, Ill.
Lonergan J. E. Co. (Piston Rod, Guide Valve, Steam Oilers, etc), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Noera Mfg. Co., Waterbury, Conn.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Smith of N. Y. Co., 1 Franklin sq, New York
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

10262—Oilers (Locomotive Flange)

Ohio Injector Co., Wadsworth, O.

10263-4—Oilers (Loose Pulley)

See also Lubricators

American Lubricator Co., ("American"), Summit & Wabash Ry., Detroit, Mich.
Biggar Brothers, Oneida, N. Y.
Brown Engineering Co. ("Brown"), 110 N. 3rd, Reading, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Hodges"), 55 John, New York
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sexton Machine Co., 308 Pearl, Hartford, Conn. *See adv index at end of book*
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.

10265—Oilers (Mowing Machine)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eagle Mfg. Co., Wellsburg, W. Va.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hero Mfg. Co. (Steel), Westmoreland av & Stokley, Phila., Pa.
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book
National Enameling & Stamping Co., 411 5th av, New York
Noera Mfg. Co. ("Noera"), Waterbury, Conn.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

Oilers (Multiple)

See Lubricators, Multiple Oiling

10265a— Oilers (Pump)

Cannon Oiler Co. (successors to R. E. Bloomer), ("Cannon"), Keithsburg, Ill.
Chapin R. E. Mfg. Wks., Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Delphos Mfg. Co., First & Pierce, Delphos, O.
Lidseen, Gustave, 832 S. Central av, Chicago, Ill.
Lisk Mfg. Co., Canandaigua, N. Y.
Maple City Mfg. Co. ("Howland"), Monmouth, Ill.
Nat'l Enameling & Stamping Co., 411 Fifth ave, New York
Noerva Mfg. Co., Waterbury, Conn.

10266— Oilers (Ring)

Brown Engineering Co. ("Brown," For Loose Pulleys, etc), 110 N 3rd, Reading, Pa.
Pittsburgh Iron & Steel Foundries Co. ("Midland" for Mine Cars), Midland, Pa.

10267—Oilers (Self-Closing, Dustproof)

Bowen Products Corp., Divs., Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn. & Windsor, Ont., Can. Auburn, N. Y.
See adv index at end of book
Brown Spring Oiler Co. ("Vizor"), 6911 Carnegie av S E, Cleveland, O.
LUNKENHEIMER CO. Executive offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

10268—Oilers (Sewing Machines)

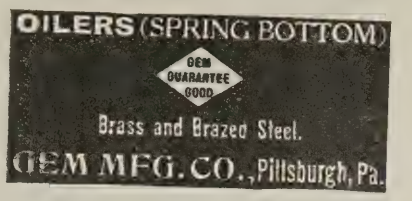
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bridgeport Brass Co. ("Handy"), Bridgeport, Conn.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Hero Mfg. Co. ("Wilmot," "Star"),, Westmoreland av. & Stokley, Phila., Pa.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

10269—Oilers (Shaft, Safety)

Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Ricker Mfg. Co. ("Rochester," Ashton Patent), Rochester, N. Y.
Strong, Carlisle & Hammond Co. ("Nugent"), 346 Frankfort av N W, Cleveland, O.

10270—Oilers (Spring Bottom)

Eagle Mfg. Co., Wellsburg, W. Va.
Gem Mfg. Co. (Brass & Brazed Steel), Goebel nr. Fulton, N. S. Pittsburgh, Pa. *See adv index at end of book*



Hero Mfg. Co., Westmoreland av, Phila., Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

10270a Oilers (Spring Leaf)

Brown Spring Oiler Co. ("Brown" & "Relio"), 6911 Carnegie av, S E, Cleveland, O.

10271— Oilers (Spring Leaf)

See Oilers, Sewing Machine

10272— Oilers (Windmill)

Red Cross Mfg. Co. (Automatic), Bluffton, Ind.

10273— Oilers (Zinc, Etc.)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Eagle Mfg. Co., Wellsburg, W. Va.
Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
Vogel Wm. & Bros., 27 9th, Brooklyn, N. Y.

10274— Oiling Devices

CHICAGO PNEUMATIC TOOL CO. (Pneumatic Tool), 6 East 44th, New York
See adv index at end of book
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

10275—Oiling Sets (Engineers')

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Deverall Perfection Mfg. Co. ("Perfection"), Caton av, Brooklyn, N. Y.
Dressel Railway Lamp Works, 3860 Park av, New York
Eagle Mfg. Co., Wellsburg, W. Va.
Hall Mfg. Co., Harrison, N. J.
Hero Mfg. Co. ("Paragon"), Westmoreland av & Stokley, Phila., Pa.
Knapp Mfg. & Supply Co., 241 Water, New York
Noera Mfg. Co., Waterbury, Conn.
Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
Wall P. Mfg. Supply Co. ("Walls"), 705 Preble av, N S, Pittsburgh, Pa.

10276— Oiling System (Continuous)

Burt Mfg. Co., The, 40 Main, Akron, O.
Commonwealth Brass Corp., 5781 Commonwealth av, & Ry, Detroit, Mich.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Oil City Boiler Works, Oil City, Pa.
Richardson-Phoenix Co. ("R. P." Oiling & Filtering Systems, Individual & Central), 122 Reservoir av, Milwaukee, Wis.

10277—Oils Acetone (Ketone)

Alcohol Products Co., Blanchard, Newark, N. J.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Industrial Chem. Co., 200 5th av, New York.

10277a— Oils (Alizarine)

Katzenbach & Bullock Co., 110 William, New York.
National Oil Products Co., Harrison, N. J.
Protexol Corp., 41 Barclay, New York
Western Paper Makers Chemical Co., Kalamazoo, Mich.
Wolf, Jacques & Co., 309 Harrison, Passaic, N. J.

10278— Oils (Aniline)

Aniline Dyes & Chemicals, Inc., (Imp.), 134 Cedar, New York.
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
Fergusson Alex. C. Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fulper Edw. B., Trenton, N. J.
Farbwerke-Hoechst Co., 122 Hudson, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York.
Midvale Chemical Works, 610 Locust, St. Louis, Mo.
Montcalm Chemical Wks., 220 N Illinois, Indianapolis, Ind.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Sales & Trading Co., Cleveland, Ohio
Naugatuck Chemical Co., Naugatuck, Conn.
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Protexol Corporation (Anthracene), 41 Barclay, New York
Sergeant E. M. Co., 15 E. 26th, New York. *See adv index at end of book*
Sparks John C., 42 Warren, New York
Suter Eugene & Co., 120 B'way, New York
Western Aniline Products Co. (Also Para-Toluidine, Ortho-Toluidine), Hammond, Ind.

10279— Oils (Animal)

Adelano Co., 135 Front, New York
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Cook & Swan Co. Inc., 148 Front, New York. *See adv index at end of book*
Dold Jacob Packing Co., Buffalo, N. Y.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Hartmann Pacific Co. Inc. (Imp.), 80 Wall, New York
Loos & Dilworth, 132-34H S. Front, Phila., Pa.
Morris & Co., Union Stock Yards, Chicago, Ill.

10280— Oils (Anti-Froth)

Paper Makers Chemical Co., Easton, Pa.
Providence Drysalters Co., East Greenwich, R. I.

10280a— Oils (Automobile)

See also Lubricating Oils & Greases

Adams Oil & Compound Co., 549 W. Washington blvd, Chicago, Ill.
See adv index at end of book
Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co. ("Velvet"), Oil City, Pa.
Auto Oil Co., Jackson, Mich.
Cook & Swan Co. Inc., 148 Front, New York. *See adv index at end of book*
Empire Oil Works ("Empire"), Oil City, Pa.
Franklin Oil Wks., Franklin, Pa.
Oil City Oil & Grease Co., Oil City, Pa.
Schilling, Frederick ("Paramount"), 617 Greenwich, New York
See adv index at end of book
Sinclair Refining Co., Conway bldg., Chicago, Ill.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Oils (Automobile & Motorcycle)

See Lubricants, Automobile

Oils (Axle)

See Greases & Oils, Axle

10280b— Oils (Banana)

Kalbfleisch Corp. (Liquid), 31 Union sq, New York
Van Schaack Bros. Chemical Wks., 3358 Avondale, Chicago, Ill.

10281—Oils (Bicycle & Sewing Machine)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Baird Bros. & So., 1435 W 10th, Cleveland, O.
Borne-Scrymser Co., 80 South, New York
Cortland Specialty Co., Cortland, N. Y.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Franklin Oil Wks., Franklin, Pa.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
National Rubber & Specialties Co., Winton pl, Cincinnati, O.
National Refining Co., Rose bldg, Cleveland, O.
Nye Wm. F., New Bedford, Mass.
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

OILS (BICYCLE & SEWING MACHINE) —continued
Swan & Finch ("Bayway," "Excelsior," "Eagle"), 165 B'way, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Union Petroleum Co. (In Bulk & Bottles), Widener bldg, Philadelphia, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10281a— Oils (Black)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Bell Oil Corp., 111 Broad, New York
Dick David Co., Varick & N Moore, New York
Franklin Refining Co., Franklin, Pa.
National Gum & Mica Co., 59th & 11th av, New York
Oil City Oil & Grease Co., Oil City, Pa.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Stuber Chemical Wks., Inc., Elizabeth, N. J.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10281b— Oils (Bleaching)

Bosson & Lane, Atlantic, Boston, Mass.
Wolf Jacques & Co., 369 Harrison, Passaic, N. J.

10282— Oils (Boiler)

Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Talmage Mfg. Co. ("Rubra," for Locomotives, etc), 1279 W 3rd, Cleveland, O.
Warren Refining Co., Warren, Pa.

10283— Oils (Butter)

Proctor & Gamble Co., Gwynne bldg., Cincinnati, O.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York

10283a— Oils (Camphor)

Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book

10284— Oils (Car Cleaning)

Columbia Refining Co. ("Columbia" Varnish Cleaner & Preserver), 90 West, New York
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.

10285— Oils (Castor)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Baker Castor Oil Co., 120 B'way, New York
Bosson & Lane, Atlantic, Mass.
Boyer Oil Company, Inc., 25 W Broadway, New York
Canfield Oil Co. (Vegetable Lubricating), 3210 E 55th, Cleveland, O.
COOK & SWAN CO., INC. (Imported & Domestic grades), 148 Front, New York *See adv index at end of book*
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fiebing Chemical Co. (Axle), 240 Reed, Milwaukee, Wis.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
HAMILTON CO. (Importers), Church & Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Sinclair Refining Co. ("Four Bros"), Albany, N. Y.
Houghton E. F. & Co. ("Sulfol"), 240 W Somerset, Phila., Pa.
Kellogg Spencer & Sons, Buffalo, N. Y.
Magnus, Mabee & Reynard, 257 Pearl, New York
Oil Seeds Co., 35 S William, New York
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Webb A. L. & Sons, Maryland Trust bldg, Baltimore, Md.
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

10286—Oils (Castor Machine)

Canfield Oil Co., 3210 E 55th, Cleveland, O.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Indian Refining Co., 244 Madison av, New York
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Nye Wm. F. New Bedford, Mass.
Oil City Oil & Grease Co., Oil City, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Sinclair Refining Co., Conway bldg., Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Sullivan Oil Co. ("Sullivan's" Gumless), 413 N. Wells, Chicago, Ill.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10287—Oils (Cement Floor)

Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Sipe, Jas. B., & Co., Dept. H, Bridgeville, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10288—Oils (China Wood, Importers)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Trading Co., 25 Broad, New York
Ayres, Bridges & Co., 200 Summer, Boston, Mass.
Carleton & Moffat, 80 Maiden la, New York
Clark Fred G. Co., 1081 W 11th, Cleveland, O.
Elbert & Co., 27 William, New York
Fearon, Brown Co., 96 Wall, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Gillespie L. C. & Sons, 8 Fletcher, New York
Gough Richard & Co., 69 Wall, New York
Gross Otto, 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hill's Edw. Sons & Co., 64 Wall, New York
Jardine, Matheson & Co., 25 Madison av, New York
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Mitsui & Co., 65 B'way, New York
Oil Seeds Co., 35 S William, New York
Paterson, Boardman & Knapp, 10 Bridge, New York
Patterson G. W. S. & Co., 135 Front, New York
Peabody H. W. & Co., 17 State, New York
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book
Simmons Thos. W. & Co., 240 California, San Francisco, Cal.
Swan & Finch Co., 165 B'way, New York
Tappenbeck Wm., 106 Wall, New York
Winterbourne S. & Co., 94 Pine, New York

10289— Oils (Cochin)

Francesconi J. C. & Co. (Imp), 23 Beaver, New York
Fuerst Bros. & Co. (Importer), 2 Stone, New York
Welch, Holme & Clark Co. ("East India"), 383 West, New York

10290— Oils (Cocoa)

American Trading Co. (Imp), 25 Broad, New York

10291— Oils (Cocoanut)

Adams Fred C. Co. (Ceylon & Cochin Oil), 118 N La Salle, Chicago, Ill.
Ayres, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
COOK & SWAN CO., INC. (Imp., Ceylon, Cochin, Philippine Islands, & Japan grades), 148 Front, New York
See adv index at end of book
Darragh Small & Co., Ltd. (Imported), 177 Water, New York
Drew E. F. & Co. (Imp), 120 Milk, Boston, Mass.
Eberhart J. P. & Co., 15 William, New York
Edible Products Co., 120 B'way, New York
Elbert & Co., 27H William, New York
Elbert & Company (Imp.), 71 Wall, New York
Fearon, Brown Co. (Imp), 96 Wall, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hartman Bros. Inc. (Imp), 641 Atlantic, Boston, Mass.
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Link David C. & Co. (Imp), Produce Exchange, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Magnus, Mabee & Reynard (Inc.) (Imp), 257 Pearl, New York
Marden, Orth & Hastings Co. (Imp.), 136 Liberty, New York
Mitsui & Co. (Imp), 65 B'way, New York
Nucoa Butter Co., 233 B'way, New York
Oil Seeds Co., 35 S William, New York
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Paterson, Boardman & Knapp, 10 Bridge, New York
Philippine Vegetable Oil Co. (Imp.), 11 B'way, New York
Simon J. & Co. (Imported), 18 B'way, New York
Suter Eugene & Co., 120 B'way, New York
Swan & Finch Co. (Importers), 165 B'way, New York
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
Welch, Holme & Clark Co., 383 West, New York
Winkler Isaac & Bro. Co., 1st Nat'l Bk. bldg., Cincinnati, O.

10292— Oils (Cod)

See also Oils, Fish
COOK & SWAN CO., INC. (Imp.), 148 Front, New York
See adv index at end of book
Harvey & Outerbridge (Imp), 11 B'way, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Marden, Orth & Hastings Co. (Imp.), 136 Liberty, New York
Norwood Jos. W., Gloucester, Mass.
Swan, Alden S., Co. (Imp.), 148H Front, New York
Swan & Finch Co. (N. F.), 165 B'way, New York

TELEPHONE 434-435-436 JOHN ESTABLISHED 1865 CABLE ADDRESS "COOKSWAN"

COOK & SWAN CO., Inc.

Successors to N. B. Cook Oil Co. and Alden S. Swan & Co.

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REFINERS—IMPORTERS—WHOLESALERS of all grades:—Sperm Whale, Seal, Fish, Cod, Lard, Neatsfoot, Tallow, Horse, Castor, Soya Bean, China Wood, Cottonseed, Sesame, Linseed, Corn, Olive Oil Foots, Cocoanut, Rapeseed, Palm, Olive, "Perilla" Soluble, Sulphonated Cod and Neatsfoot, Blown Oils, Acidless Lard Cutting Oil, Sewing Machine Oil, Eight Day Sanctuary Oil, Sod Oil, French Moellon, German, and English Degras, Imported Carbonless Auto Motor Oil, High Grade Lubricating and Cylinder Oils and Greases for all purposes. Whale and Fish Oil Soap. Medicinal Cod Liver Oil. *Sulco-V. B. Insecticide.*

SPECIAL ATTENTION GIVEN TO TELEPHONE INQUIRIES

OILS

Takamine Commercial Corp. (Imp.), 120 B'way, New York
Young Frank L. Co. (Pure Cod), 111 Purchase, Boston, Mass.

10292a— Oils (Cod Liver)

COOK & SWAN CO., INC. (Imp. Medicinal Non Freezing Norwegian Process Cod Liver Oils), 148 Front, New York
See adv index at end of book
Hendey Chem. Co., Inc., 72 Trinity pl, New York
Lathrop H. R. & Co., 116 Beekman, New York
Magnus, Mabee & Reynard, 257 Pearl, New York
Scott & Bowne, Bloomfield, N. J.

10292b— Oils (Cold-Pressed)

Musher & Co., 302 5th av, New York

10293— Oils (Core)

See also Compounds, Core

Buckeye Products Co., 919-929 W. 5th, Cincinnati, O.
Cataract Refining & Mfg. Co., Buffalo, N. Y.
COOK & SWAN CO., INC., 168 Front, New York *See adv index at end of book*
Corol Co., 127 N Dearborn, Chicago, Ill.
Crawford Specialty Mfg. Co. Blackstone bldg, Cleveland, O.
Damascus Mfg. Co., Cassius av, Cleveland, O.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Diamond Oil Co., Land Title bldg, Phila., Pa.
Federal Foundry Supply Co., 2639 E. 79th, Cleveland, O.
Garnet Co., The (Film), Allentown, Pa.
Girard Chemical Co., 241 Maurice, Buffalo, N. Y.
Glenside Core Oil Co. ("Glenside"), 138 S 4th, Phila., Pa.
Holland Coal Oil Co., 4608 W Huron, Chicago, Ill.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Kellogg, Spencer & Sons ("Kellogg" Linseed Base), Buffalo, N. Y.
McCormick J. S. Co., 25th & A. V. R. R. Pittsburgh, Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
National Oil & Supply Co. ("Viscos") 180 Freylinghuysen av, Newark, N. J.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Paxson, J. W., Co. ("Quaker"), 1021 N. Delaware av, Phila., Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Sezo Specialty Co., 2860 E 84, Cleveland, O.
Sinclair Refining Co., Conway bldg, Cleveland, O.
Springfield Facing Co. ("Springfield Standard"), Springfield, Mass.
See adv index at end of book
Standard Linseed Co. (Linseed), Willey & Big 4 R. R., Cleveland, O.
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sterling Oil Co. ("Sterling"), Emlenton, Pa.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Sun Co., Finance bldg, Philadelphia, Pa.
Swan & Finch Co. ("Victory," "Century"), 165 B'way, New York
Thompson & Co. ("Lin-O-Core"), 857 W North av, Pittsburgh, Pa.

10294— Oils (Corn)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Hominy Co., Indianapolis, Ind.
American Maize-Products Co., 135 William, New York
Bakers Products Co. ("Monolene"), 1125 W 11th, Cleveland, O.
Boyer Oil Company, Inc., 25 W B'way, New York
Corn Products Refining Co. ("Paragol" Unadulterated), 17 Battery pl, New York
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Douglas Co., Cedar Rapids, Ia.
Eberhart J. P. & Co., 15 William, New York
Elbert & Co., 27 William, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hubinger J. C. Bros. Co., New Haven, Conn.
Oil Seeds Co., 35 S William, New York
Patent Cereals Co., Geneva, N. Y.
Staley A. E. Mfg. Co., Decatur, Ill.
Union Starch & Refining Co., Edinburg, Ind.
Wathen Milling Co., Louisville, Ky.
Welch, Holme & Clark Co., 383 West, New York

10295— Oils (Cottonseed)

Accidental Oil Mills, Belton, Texas
Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Cotton Oil Co. ("I X L"), 65 B'way, New York
Americus Oil Co., Americus, Ga.
Arcadia Cotton Oil Mill & Mfg. Co., Arcadia, La.
Ashcraft Wilkinson Co., Atlanta, Ga.
Bakers Products Co. ("Monolene"), 1125 W 11th, Cleveland, O.
Bastrop Cotton Oil Co., Bastrop, La.
Bowdon Oil & Fertilizer Co., Bowdon, Ga.
Boyce Cotton Oil & Mfg. Co., Ltd., Boyce, La.
Boyer Oil Company, Inc., 25 W Broadway, New York
Brode F. W. & Co., Memphis, Tenn.
Broussard Oil Mill Co., Ltd., Broussard, La.
Buckeye Cotton Oil Co., Gwenne bldg, Cincinnati, O.
Butler, Kyser, Oil & Mfg. Co., Birmingham, Ala.
Carthage Cotton Oil Co., Carthage, Texas
Coweta Cotton Oil Mill, Newnan, Ga.
Crescent Cotton Oil Co., Memphis, Tenn.
Cuthbert Oil Co., Cuthbert, Ga.
Dallas Oil & Refining Co., Dallas, Tex.
Delta Oil Co., Greenville, Miss.
De Soto Oil Co., Memphis, Tenn.
Dixie Cotton Oil Co., Montgomery, Ala.
Dixie Cotton Oil Mill, Little Rock, Ark.
Donaldsonville Oil Mill, Donaldsonville, Ga.
East St. Louis Cotton Oil Co. ("Illinois"), East St. Louis, Ill.
Elbert & Co., 27 William, New York
Elberton Oil Mills, Atlanta, Ga.
Empire Cotton Oil Co., Atlanta, Ga.
Eufaula Cotton Oil Co., Eufaula, Ala.
Farmers' Cotton Oil Co., Americus, Ga.
Farmers Cotton Oil Co., Madill, Okla.
Farmers' Cotton Oil & Fertilizer Co., Huntersville, Ala.
Farmers & Ginners' Oil Mill, Austin, Tex.
Farmers' Oil Mill, Royston, Ga.
Fayetteville Oil Co., Fayetteville, Ga.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Field Julian & Co., Atlanta, Ga.
Florida Cotton Oil Co., Jacksonville, Fla.
Fort Valley Oil Co., Fort Valley, Ga.
Fulper Edw. B., Trenton, N. J.
Gayoso Oil Works, Memphis, Tenn.
Globe Soap Co., United Bank bldg, Cincinnati, O.
Gohlston Bros., Comer, Ga.
Greenville Cotton Oil & Mfg. Co., Greenville, Ga.
Griffin Oil Mill, Griffin, Ga.
Hamilton Cotton Oil Mill, Hamilton, Tex.
Havens Oil Co., Washington, N. C.
Lange Soap Co., San Antonio, Texas
Lester-Ricks Oil Co., Byronville, Ga.
Magnus, Mabee & Reynard, 257 Pearl, New York
Mandeville Mills, Carrollton, Ga.
Mangum Cotton Oil Mill Co., Mangum, Okla.
Milledgeville Oil Mills, Atlanta, Ga.
Morton Oil Mills, Millen, Ga.
National Cotton Oil Co., Montgomery, Ala.
New Roads Oil Mill & Mfg. Co., Newroads, La.
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Oil Seeds Co., 35 S William, New York
Peoples' Cotton Oil Co., Lafayette, La.
Perkins Oil Co., Memphis, Tenn.
Phoenix Cotton Oil Co., Memphis, Tenn.
Planters' Chemical & Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Augusta, Ga.
Portsmouth Cotton Oil Refining Corp., Portsmouth, Va.
Proctor & Gamble Co., Gwynne bldg, Cincinnati, O.
Red River Oil Co., Alexandria, La.
Refuge Cotton Oil Co., Vicksburg, Miss.
Richland Cotton Oil Co., Richland, Ga.
Richmond Cotton Oil Co., Memphis, Tenn.
Roberts Cotton Oil Co., Memphis, Tenn.
Rose City Cotton Oil Mill, Little Rock, Ark.
St. Landry Cotton Oil Co., Opelousas, La.
Southern Cotton Oil Co. (& Other Vegetable Oils), 120 B'way, New York
Statesville Cotton Oil Co., Statesville, N. C.
Summerville Cotton Oil Co., Summerville, Ga.
Suter Eugene & Co., 120 B'way, New York
Tennessee Cotton Oil Co., Memphis, Tenn.
Trinity Cotton Oil Co., Dallas, Tex.
Union Cotton Oil Co., Fitzgerald, Ga.
United Oil Mills, Hope, Ark.
Upson County Oil Mills, Thomaston, Ga.
Villa Rica Cotton Oil Co., Villa Rica, Ga.
Walker Bros. Co., Griffin, Ga.
Walterboro Cotton Oil Co., Walterboro, S. C.
Welch, Holme & Clark Co., 383 West, New York
Winder Oil Mill Co., Winder, Ga.
Winona Oil & Mfg. Co., Winona, Miss.

10296— Oils (Creosote)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Alcatraz Co., Inc., 3200 Wiliamsburg av, Richmond, Va.
Am. Tar Products Co., 208 S La Salle, Chicago, Ill.
Barrett Co. ("Barrett's"), 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
City Gas Co., Norfolk, Va.
Cleveland Cliffs Iron Co. (Wood), Rockefeller bldg., Cleveland, O.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, Ohio
Florida Wood Products Co., Jacksonville, Fla.
Fuller Ralph L & Co., Inc., 31 Fulton, New York
GENERAL NAVAL STORES CO. INC., McCormick bldg, Chicago, Ill.; 90 West, New York
Ga. Pine Turpentine Co. of N. Y., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
JORDAN, WILLIAM E., INC. (and Flotation), 15 Cliff, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Lewis, F. J., Mfg. Co., Moline, Ill.
Mashek Chemical & Iron Co., Wells, Mich.
National Aniline & Chemical Co., Inc. (Imp.), 21 Burling slip, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pensacola Tar & Turpentine Co. (Wood), Gull Point, Fla.
Protexol Corporation, 41 Barclay, New York
REPUBLIC CREOSOTING CO., Merchants Bank bldg ("Kreodone"), Indianapolis, Ind. *See adv index at end of book*
Semet Solvay Co., Syracuse, N. Y.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Standard Chemical Co., Tacoma, Wash.
United Gas Improvement Co., Broad & Arch, Phila., Pa.
White Tar Co. of N. J., 56 Vesey, New York
Wilckes, Martin, Wilckes Co., 135 William, New York

10297—Oils (Cutting, Drilling & Polishing)

See also Compounds

Adams Oil & Compound Co., 549 W. Washington blvd, Chicago, Ill.
See adv index at end of book
Anchor Oil & Chemical Co. ("Anchor" Thread Cutting Oils), Cleveland, O.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co. (& Soluble), Williamson bldg, Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Crescent Oil Co. ("Aqualene"),50 Church,
Damascus Mfg. Co. ("Diamond"), Cassius av, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Farr Mfg. Co. ("Landral"), No. Tonawanda, N. Y.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fiske Bros. Refining Co., 24 State, New York
Frontier Mfg. Co. ("Top"), Dept. H, North Tonawanda, N. Y.
Gulf Refining Co. (Drilling & Polishing), Frick bldg annex, Pittsburgh, Pa.
Haws Geo. A. ("Marnile"), 135 Front, New York
Houghton E. F. & Co. ("Fileine," "Houghtolard"), 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
National Oil Products Co., Harrison, N. J.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pratt B. G. Co. ("Hydroil" Water Oil Cutting Compound), 50 Church, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sibley Soap Co., Franklin, Pa.
Sinclair Refining Co., Connors bldg, Chicago, Ill.
Smith E. A., Hamilton, O.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Sullivan Oil Co. ("Sullivan's Cutting Compounds), 413 N. Wells, Chicago, Ill.
Swan & Finch Co. ("Bayway," "Excelsior," "Eagle"), 165 B'way, New York
Talley & Co. ("Talco"), New Richmond, O.
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Ulco Oil Co. (Cutting), 65 Hale, Detroit, Mich.
Union Petroleum Co. ("Mineral Lard"), Widener bldg, Philadelphia, Pa.
Vacuum Oil Co. (Gargoyle, Mobiloils), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
White & Bagley Co. ("Minolard"), Worcester, Mass.
Young Frank L. Co. ("Youkin"), 111th Purchase, Boston, Mass.
Zero Oil Co., Parkersburg, W. Va.

Oils (Cycle)

See Oils, Bicycle & Sewing Machine

Oils (Cylinder)

See Lubricating Oils & Greases

10298— Oils (Dead)

United Gas Improvement Co., Broad & Arch, Phila., Pa.
Watson H. F. Co. (For Roofing), Erie, Pa.

10299— Oils (Degras)

COOK & SWAN CO., INC., 148 Front, New York
See adv index at end of book
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Francesconi J. C. & Co. (Imp), 23 Beaver, New York

10299a— Oils (Dip)

American Chemical & Mfg. Co., Inc., 617 Monticello av, Norfolk, Va.
Barrett Co., 17 Battery pl, New York
Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
Illinois Oil Co. of Rock Island, Rock Island, Ill.

Oils (Dustlaying)

See Road Binders & Preservatives

Oils (Dynamic)

See Lubricating Oils & Greases

10299b— Oils (Edible)

Edgertyn Aniline Corp., 119 William, New York

10300— Oils (Emulsion)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Indian Refining Co., 244 Madison av, New York
Jamaica Dyewood & Chemical Co. ("Howell's No. 50"), 50 Church, New York
Musher & Co., 302 5th av, New York

Oils (Engine)

See Lubricating Oils & Greases

10301— Oils (Essential)

Apelt-Herrmann (Imp), 76 Wall, New York
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Bauer Philip Co., 25 W B'way, New York
Brown, O. A., Co., Inc. (Imp.), 246H Pearl, New York
Bush W. J. & Co., 100 William, New York
Chiris Antoine Co. (Imported), 20 Platt, New York
Compagnie Morana, 118 E 27th, New York
Commonwealth Chemical Corp., 15 Park row, New York
Cronkhite Co., Inc., 142 Berkley, Boston, Mass.
Dodge & Olcott Co. (Imported), 87 Fulton, New York
Elson & Brewer (Imp.), 20 Gold, New York
Eng. Skeel Co., 208 Mission, San Francisco, Cal.
Fritzsche Bros. (Imp.), 82 Beekman, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Gross G. V. & Co. (Imp.), 30 Old Slip, New York
Hartmann Pacific Co., Inc. (Imp.), 80 Wall, New York
Heine & Co. (Imp.), 7 Platt, New York
Hills Edward Sons & Co. (Imp.), 64 Wall, New York
Horner, Jas. B. (Imp.), 3H Platt, New York
Hutchinson D. W. (Imp.), 94 John, New York
Hymes Bros. Co., 235 Pearl, New York
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Isenstein Otto & Co. (Imp.), 132 Front, New York
Jordan W. H. & P. Jr., Inc. (Imp), 124 Water, New York
Leerburger Bros., 170 B'way, New York
Lueders Geo. & Co., 218 Pearl, New York
Lyon Julian W. (Imp), 101 Beekman, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Magnus, Mabee & Reynard, 257 Pearl, New York
Manheimer J. (Imp.), 28 Gold, New York
Matheson & Atkinson, 354 Fourth av, New York
Muhlethaler Th. Co., 80 John, New York
National Aniline & Chemical Co., Inc. (Imp.), 21 Burling slip, New York
Orbis Products Trading Co., Inc., 212 Pearl, New York
Rockhill & Vietor, 22 Cliff, New York
Roure-Bertrand Fils, 18 Cedar, New York
Schmidt, E. J., & Co. (Imp.), 59H Fulton, New York
Stilwell Arthur A. & Co. (Imp.), 28 Cliff, New York
Stilwell, Arthur A., & Co. (Imp.), 28 Cliff, New York
Suter Eugene Co., 120 B'way, New York
Todd A. M. Co., Kalamazoo, Mich.
Ungerer & Co. (Imp.), 124 W 19th, New York
Van Dyke & Co. (Imp.), 6H Platt New York
Wolmark Chemical Co., 17 E 14th, New York
Wyso Mfg. Co., 3640 20th, San Francisco, Cal.

10301a— Oils (Eucalyptus)

Breslauer A. (Industrial Chemicals), Am. National Bank bldg, San Francisco, Cal.

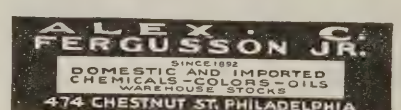
10301b— Oils (Fish)

See also Oils, Cod

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Alexander H. T. & Co., 17 Batery pl, New York
American Wood Preserving Co., 1351 N Branch, Chicago, Ill.
Baltimore Oil Co., 106 N High, Baltimore, Md.
Bent James S., 117 First, S. Boston, Mass.
Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio
COOK & SWAN CO., INC. (Menhaden, Herring, Cod, Dog Fish, Tuna, Shark, etc.), 148 Front, New York
See adv index at end of book
Doane & Bartlett Co., Beaufort, N. C.
Dodd A. W. & Co. (Menhaden), Gloucester, Mass.
Fearon, Brown Co. (Imp.), 96 Wall, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hartmann Pacific Co., Inc. (Imp.), 80 Wall, New York
Jarecki Chemical Co., Sandusky, Ohio
Klipstein A. & Co., 644 Greenwich, New York
Malone Oil Co., 2197 E 18th, Cleveland, O.
Marden, Orth & Hastings Co., 136 Liberty, New York
Musher & Co., 302 5th av, New York
Norwood Joseph W., Gloucester, Mass.
Nye Wm. F., New Bedford, Mass.
Robinson W. A. & Co. (Sperm, Whale, Menhaden, Sea Elephant, etc), New Bedford, Mass.
Rogers, Brown & Co., 77 Carew bldg, Cincinnati, O.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Swan, Alden S., Co., 148H Front, New York
Swan & Finch Co. (Sperm, Fish, Whale, Cod, Seal, etc), 165 B'way, New York
Takamine Commercial Corp. (Imp.) 120 B'way, New York
See adv index at end of book
Tarr Geo. J. Co., Gloucester, Mass.
Winkler Isaac & Bro. Co., 1st National Bank bldg, Cincinnati, O.
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10302— Oils (Floor)

Antakwa Co. ("Antakwa"), 212 N. Jefferson, Chicago, Ill.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Fergusson, Alex. C., Jr., (Dust Absorbing), 474 Chestnut, Phila., Pa.
See adv index at end of book



Franklin Quality Refining Co., Franklin, Pa.
Hearn, H. B., Co., Inc., 101 S. Frederick, Baltimore, Md.
Hilker Edw. Mop Co. ("Hilker" Antiseptic), 2614 W Grand av, Chicago, Ill.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
O'Kleen Products Co., 712 Madison av, Baltimore, Md.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Schilling Frederick ("Paramount"), 617 Greenwich, New York
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 Broadway, Cleveland, O.
Sun Company, Finance bldg, Philadelphia, Pa.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co. (Dust Absorbing), 54th, Pittsburgh, Pa.
Zero Oil Co., Parkersburg, W. Va.

10302a— Oils (Flotation)

Chatham Mfg. Co., Savannah, Ga.
Florida Wood Products Co., Jacksonville, Fla.
GENERAL NAVAL STORES CO., INC. ("G. N. S."), McCormick bldg, Chicago, Ill.; 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
HERCULES POWDER CO.
Wilmington, Del.
Lewis, F. J., Mfg. Co., Moline, Ill.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Protexol Corporation, 41 Barclay, New York
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.

10303— Oils (Fusel)

Albany Chemical Co. (Refined), Albany, N. Y.
Alcohol Products Co., Blanchard, Newark, N. J.
Amerman & Patterson (Imported), 21 State, New York
Anderson Chemical Co. (Refined), Wallington, N. J.
Franco-American Chemical Co. (Refined), 8 Gold, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hummel & Robinson (Crude & Refined), 26 Cortlandt, New York
Klipstein A. & Co. (Refined Imp.), 644 Greenwich, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Maas & Waldstein, 92 William, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
U. S. Industrial Chem. Co. (Crude & Refined), 27 William, New York
Van Schaack Bros., Chemical Works, 443 3358 Avondale av, Chicago, Ill.
Wathen, R. E. & Co., Louisville, Ky.
Western Industries Co., 110 Sutter, San Francisco, Cal.
Wiarda John C. & Co. (Refined Jobbers), 273 Greene, Brooklyn, N. Y.

10304— Oils (Gas & Fuel)

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co. (Fuel), Oil City, Pa.
Asphaltum & Oil Refining Co., 2475 E 9th, Los Angeles, Cal.
Associated Oil Co. (Crude Fuel Oil), Sharon bldg, San Francisco, Cal.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bell Oil Corp., 111 Broad, New York
Cameron Refining Co., Ardmore, Okla.
Canfield Oil Co. (Gas), 3210 55th, Cleveland, O.
Central Commercial Co. (Fuel), 111 N Market, Chicago, Ill.
Central Refining Co., Lawrenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Clark Fred G. Co., 1081 W 11th, Cleveland, O.
Craig Oil Co., Toledo, O.
Efficiency Oil Corp. ("Efficiency"), 2100 Kienlen av, St. Louis, Mo.
Emery Mfg. Co., Bradford, Pa .
Empire Oil Works, Oil City, Pa.
Franklin Quality Refining Co., Franklin, Pa.
Freedom Oil Works Co., Freedom, Pa.
General Petroleum Corp., Higgins bldg, Los Angeles, Cal.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
Interocean Oil Co., 90 West, New York
Kendall Refining Co., Bradford, Pa.
Louisiana Oil Refining Co., Shreveport, La.
MacKormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Maloney Oil & Mfg. Co., Scranton, Pa.
Manufacturers Paraffine Co., Chester, Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
Natl. Refining Co., 1400 E. 9th Cleveland, Ohio
Ohio Cities Gas Co., Columbus, O.
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining, Co., 244 Madison av, Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Prairie Oil & Gas Co., Independence, Kans.
Prudential Oil Corp., 17 Battery pl, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sapulpa Refining Co. (Fuel), Sapulpa, Okla.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sloan & Zook, Bradford, Pa.

Southern Oil Corp., Tulsa, Okla.
Southwestern Oil Corp., Oklahoma, Okla.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Sun Co., Finance bldg, Phila, Pa.
TEXAS COMPANY, ("Texaco"), 17 Battery, pl, New York
See adv index at end of book
Tidewater Oil Co., 11 B'way, New York
Union Oil Co. of Cal. (Fuel), Union Oil bldg, Los Angeles, Cal.
Union Petroleum Co., Widener bldg, Philadelphia, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
Western Petroleum Co., 208 S La Salle, Chicago, Ill.
White Star Refining Co. (Fuel), Avery & Grand Trunk R. R., Detroit, Mich.
Wypssbrod E. V. & Co., Findlay, O.

Oils (Graphite)

See Lubricating Oils & Greases

10305— Oils (Harness)

See also Dressing

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Baum's Castorine Co. ("Castorine"), Rome, **N. Y.**
Climax Refining Co., Williamson Bldg, Cleveland, O.
Climax - Western Oil Co. ("Diamond Black"), 2824 10th av S, Minneapolis, Minn.
Commercial Chemical Co. ("X L N C"), 212 Essex, Boston, Mass.
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hollingshead R. M. Co. ("Hollingshead" Dipping & Blacking), Camden, N. J.
Indian Refining Co. 244 Madison av, New York
Miller Frank Co., 349 W 26th, New York
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Sonneborn L. Sons ("Amalie," also Grease), **262 Pearl, New York**
Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York
Stah Lubricating Oil Co., 8714 B'way, Cleveland, O.
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Vacuum Oil Co. ("Gargoyle," "Mobiloils," "Mobilubricant"), **Rochester, N. Y.**
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
World Refining Co., Easton, Pa.

10306— Oils (Headlight)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Freedom Oil Works Co., Freedom, Pa.
Indian Refining Co., 244 Madison av, New York
Galena Signal Oil Co. ("Galena"), Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10307— Oils (Horse)

American Reduction Co., 1942 Forbes, Pittsburgh, Pa.
Cook & Swan Co. Inc., 148 Front, New York. *See adv index at end of book*

10307a— Oils (Hydrogenated)

American Oil Products Co., Logansport, Ind.
Boyer Oil Co., Inc., 25 W B'way, New York
Brown Co., Portland, Me.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.

10308-9— Oils (Illuminating)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bayerson Oil Works ("Eriolene"), Erie, Pa.
Bell Oil Corp., 111 Broad, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Continental Refining Co., Oil City, Pa.
Craig Oil Co., Toledo, O.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Loos & Dilworth, 134 S Front, Phila., Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
Mutual Refining Co. (Ltd.), Warren, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Paragon Refining Co., Toledo, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, **Pa.**
Pennsylvania Refining Co., Karns City, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, **Pa.**
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sloan & Zook, Bradford, Pa.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555H W. 25th, New York
Texas Company ("Crystalite," "Familylite," "Texaco"), 17 Battery pl, New York. *See adv index at end of book*
Tidewater Oil Co., 11 B'way, New York
Union Petroleum Co., Widener bldg, Philadelphia, Pa.
United Refining Co., Warren, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10310— Oils (Kerosene)

ADMIRAL PERTOLEUM CO., 215-16 Bessemer bldg Pittsburgh, Pa.
See adv index at end of book
American Oil Works (Ltd.), Titusville, Pr.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bell Oil Corp., 111 Broad, New York
Buck E. A. & Co., Willimantic, Conn.
Cameron Refining Co., Ardmore, Okla.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Central Refining Co., Lawrenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Columbia Oil Co. of N. Y., 15 William, New York
Consumers Refining Co., 76 W Monroe, Chicago, Ill.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Franklin Quality Refining Co., Franklin, Pa.
Great Western Oil Co. ("Palacelite"), 2846 E. 37th, Cleveland, O.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New York
Kendall Refining Co., Bradford, Pa.
Louisiana Oil Refining Co., Shreveport, La.
MacKormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Ohio Cities Gas. Co., Columbus, O.
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, **Pa.**
Prudential Oil Corp., 17 Battery pl, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sloan & Zook, Bradford, Pa.
Southern Oil Corp., Tulsa, Okla.
Southwestern Oil Corp., Oklahoma, Okla.
Standard Oil Co. of N. J. 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co., 11 B'way, New York
Union Oil Co. of Cal., Union Oil bldg, Los Angeles, Cal.
Warren Refining Co., Warren, Pa.
See adv index at end of book
Waverly Oil Works Co., Pittsburgh, Pa.
White Star Refining Co., Avery and Grand Trunk R. R., Detroit, Mich.

10311— Oils (Lard)

See also Lubricating Oils & Greases

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Alexander H. T. & Co., 17 Battery pl, New York
Baltimore Oil Co., 106 N High, Baltimore, Md.
Cataract Refining & Mfg. Co. (Mineral Lard), Buffalo, N. Y.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Cooper Sanitary Mfg. Co. (Blended), 34th & Chestnut, Phila., Pa.
Cortland Specialty Co., Cortland, N. Y.
Davies Young Soap Co., Dayton, O.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
International Vegetable Oil Co., Atlanta, Ga.
Malone Oil Co., 2197 E 18th, Cleveland, O.
Miller Mfg. Co., 668 Eddy, Providence, R. I.
Mills C. E. Oil Co., Syracuse, N. Y.
National Oil & Supply Co. ("Viscos" Mineralized), 180 Freylinghuysen av, Newark, N. J.
Nye Wm. F., New Bedford, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Pfau's Geo. Sons Co., Jeffersonville, Ind.
Pierce Oil Corp., Bank of Commerce bldg. St. Louis, Mo.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Sullivan Oil Co., 413 N. Wells, Chicago, Ill.
Swan, Alden S., Co., 148H Front, New York
Wilson & Co., Union Stock Yards, Chicago, Ill.

10312— Oils (Lawn Mower)

Emery Mfg. Co., Bradford, Pa.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
Nye Wm. F. ("Nyoil"), New Bedford, Mass.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg., Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Supplee-Biddle Hdw. Co. ("Pennsylvania"), 510 Commerce, Phila., Pa.
Texas Company, 17 Battery pl, New York *See adv index at end of book*
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10313— Oils (Leather)

See also Oils Harness, also Oils Neatsfoot, also Oils Tanners

Arabol Mfg. Co., 100 William, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Boyer Oil Co., Inc., 25 W B'way, New York
Cook & Swan Co., Inc., 148 Front, New York
See adv index at end of book
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
National Oils Products Co., Harrison, N. J.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
Winkler Isaac & Bro. Co., 1st Nat'l Bank bldg, Cincinnati, O.

Oils (Linseed)

See Linseed Oil & Cake Mills

Oils (Lubricating)

See Lubricating Oils & Greases

10314— Oils (Lustre)

Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Houghton E. F. & Co. (For Velvet & Plush Mfgs.), 240 Somerset, Phila., Pa.

10315—Oils (Medicinal Petroleum)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Schliemanns Oil Ousine Co. (White), 25 Beaver, New York
Sloan & Zook, Bradford, Pa.
Union Petroleum Co. ("Litholine"), Widener bldg, Philadelphia, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10316—Oils (Mineral Seal)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.

OILS (MINERAL SEAL)—continued
Bell Oil Corp., 111 Broad, New York
Borne-Scrymser Co., 80 South, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa., Works, Reno, Pa.
Indian Refining Co., 244 Madison av, New York
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Malone Oil Co. (Imported Russian), 2197 E 18th, Cleveland, O.
Mutual Refining Co. (Ltd.), Warren, Pa.
Pierce Oil Corp., Bank of Com. bldg., St. Louis, Mo.
Sloan & Russel, Inc. (Lubricating), 132 Nassau, New York
Sloan & Zook, Bradford, Pa.
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Tidewater Oil Co., 11 B'way, New York
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10317—Oils (Miners' Torch)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: **Reno, Pa.**
Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Rose bldg, Cleveland, O.
Pennsylvania Paraffine Wks., Titusville, Pa.
Oil City Oil & Grease Co., Oil City, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. Y. ("Miner's Sunshine"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10318— Oils (Monopole)

Wolf, Jacques & Co. Passaic, N. J.

10319— Oils (Neatsfoot)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Baum's Castorine Co., Rome, N. Y.
Baltimore Oil Co., 106 N High, Baltimore, Md.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
COOK & SWAN CO., INC., 148 Front, New York. *See adv index at end of book*
Cooper's Peter Glue Factory, 11th av & 28th, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hollingshead R. M. Co. ("Hollingshead"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
Malone Oil Co., 2197 E 18th, Cleveland, O.
Marden, Orth & Hastings Co., 136 Liberty, New York
Northwestern Chemical Co. ("Norwesco"), Marietta, Ohio
Nye Wm. F., New Bedford, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Swan & Finch Co. (Jobbers), 165 B'way, New York
Swan, Alden S., & Co., 148H Front, New York
Walton F. S. Co., Orthodox & Del., Phila., Pa.
Wilson & Co., Union Stocks, Chicago, Ill.

10320— Oils (Neutral)

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bell Oil Corp., 111 Broad, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Franklin Quality Refining Co., Franklin, Pa.
Kendall Refining Co., Bradford, Pa.
Millers' A. D. Sons Co., Columbus,, O., & Preble, Pittsburgh, Pa.
Muskogee Refining Co., Muskogee, Okla.
Oil City Oil & Grease Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sloan & Zook, Bradford, Pa.
Standard Oil Co. of N. J., 26 B'way, New York
Tidewater Oil Co., 11 B'way, New York
United Refining Co., Warren, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10321— Oils (Oleo)

Consolidated Rendering Co., 40 No Market, Boston, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon John & Sons Co., Cambridge, Mass.
Wilson & Co., Union Stock Yards, Chicago, Ill.

10321a— Oils (Olive)

Boehm Fredk., Ltd., 165 Liberty, New York
Bredt F. & Co., 240 Water, New York
See adv index at end of book
Chiris Antoine Co., 20 Platt, New York
Cook & Swan Co., Inc. ("Foots" Commercial), 148 Front, New York
See adv index at end of book
Fuerst Bros & Co., 2 Stone, New York
Greek Products Impt. Co., 804 W Polk, Chicago, Ill.
Lehn & Fink, 120 William, New York
Luecders Geo. & Co., 1218 Pearl, New York
McKesson & Robbins, 91 Fulton, New York
Magnus, Mabie & Reynard, 257 Pearl, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Musher & Co. (Imp.), 302 5th av, New York
National Aniline & Chemical Co., 21 Burling Slip, New York
Oil Seeds Co., 35 S William, New York
Rockhill & Victor, 22 Cliff, New York
Sigmund Krauter, 74 Wall, New York
Strohmeyer & Arpe Co., 139 Franklin, New York
Swan & Finch Co., 165 B'way, New York

10322— Oils (Paint)

Admiral Petroleum Co., 215-16 Bessemer, bldg Pittsburgh, Pa.
See adv index at end of book
Akron Varnish Co., Akron, O.
Alcatraz Co., Inc. ("A. A."), 3200 Williamsburg av, Richmond, Va.
Atlantic Paint Co., Cleveland, O.
Atlas Paint Co., Sharpsburg, Pa.
Ball Chemical Co. ("Oxolin"), Fulton bldg, Pittsburgh, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Columbia Refining Co. ("Drithinol"), 90 West, New York
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Crawford Specialty Mfg. Co. (Blacks Asphaltum), Blackstone bldg, Cleveland, O.
De Bar Co., 58 Delevan, Brooklyn, N. Y.
Diamond Oil Co. (and Varnish), Land Title bldg, Phila., Pa.
Elastic Compound Paint Co. ("Elastic Compound"), 5131 Kershaw, Philadelphia, Pa.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hegeman-Castle Corp. ("Genesco"), Fisher bldg, Chicago, Ill.
Holden & White ("Genesco"), 343 Dearborn, Chicago, Ill.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New York
Kay & Ess Co. ("Datonia"), Dayton, O.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Riesenman Mfg. Co., Franklin, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sipe, Jas. B., & Co., Dept. H, Bridgeville, Pa.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Sun Company, Finance bldg Phila., Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Union Petroleum Co. ("Union" Film Oil), Widener bldg, Philadelphia, Pa.
Viscol Co. (Condensed Paint & Varnish Oils), Cambridge, Mass.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10323— Oils (Palm)

Boyer Oil Company, Inc. (Kernel), 25 W. Broadway, New York
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Doggett Stanley (Imp), 11 Cliff, New York
Drew E. F. & Co. (Imp), 120 Milk, Boston, Mass.
Elbert & Co., 27 William, New York
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Link David C. & Co. (Imp), Produce Exch, New York
Marden, Orth & Hastings Co. (Imp), 136 Liberty, New York
Merchant & Evans Co. (Imp.), Washington av. & 21st, Philadelphia, Pa.
Oil Seeds Co., 35 S William, New York
National Sales & Trading Co. (Special), Cleveland, Ohio
Swan & Finch Co. (Importers), 165 B'way, New York
Welch, Holme & Clark Co., 383 West, New York
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10324— Oils (Paraffine)

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg., Pittsburgh, Pa.
See adv index at end of book
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bell Oil Corp., 111 Broad, New York
Borne-Scrymser Co., 80 South New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Craig Oil Co., Toledo, O.
Emery Mfg. Co., Bradford, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller Ralph L. & Co., 81 Fulton New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Indian Refining Co., 244 Madison av, New York
Jacobs Chas. W. & Allison (Imp), (Russian & White), 18 Cedar, New York
Manufacturers Paraffine Co., Chester, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Pierce Oil Corp,. Bank of Com bldg, St. Louis, Mo.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Tidewater Oil Co., 11 B'way, New York
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10324a— Oils (Peanut)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Bleecker Rutger & Co. (Selling Agents), 87 Wall, New York
Boyer Oil Company, Inc., 25 W Broadway, New York
Carthage Cotton Oil Co., Carthage, Tenn.
COOK & SWAN CO., INC. (Imported & & Domestic), 148 Front, New York
See adv index at end of book
Eufaula Cotton Oil Co., Eufaula, Ala.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Magnus, Mabee & Reynard, 257 Pearl, New York
Mitsui & Co. (Imp), 65 B'way, New York
Musher & Co., 302 5th av, New York
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Simmons Thos. W. & Co. (Imp), 240 California, San Francisco, Cal.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Trinity Cotton Oil Co., Dallas, Tex.

10324b— Oils (Perilla)

Cook & Swan Co. Inc., 148 Front, New York. *See adv index at end of book*
Frost & Cundill, Inc. (Substitute for Linseed Oil. Imp.), 60 Wall, New York
Takamine Commercial Corp. (Imp), 20 B'way, New York

10325— Oils (Pine)

See also Oils, Wood

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Chatham Mfg. Co., Savannah, Ga.
Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book
Forest Products Co. ("Pinoesote"), 1212 Whitney, New Orleans, La.
Florida Wood Products Co., Jacksonville, Fla.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
GENERAL NAVAL STORES CO., INC. ("Newport"), McCormick bldg, Chicago, Ill.; 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Magnus, Mabee & Reynard, 257 Pearl, New York

Millville Pulp & Products Co., Millville, N. J.
National Pulp & Turpentine Co., Green Grove Springs, Fla.
Newport Turpentine & Rosin Co., Milwaukee, Wis.
North Carolina Naval Stores Co., Wilmington, N. C.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Producers Turpentine Co., Dept. H, Elizabeth, La.
Spiritine Chemical Co. (Flotation), Wilmington, N. C.

10326—Oils (Pine, Creosote)

General Naval Stores Co. Inc. McCormick bldg, Chicago, Ill.; 90 West, New York

10326a—*Oils (Pine, Rubber, Gum)

Spirittine Chemical Co. ("Spirittine"), Wilmington, Del.

10327—Oils (Pipe Threading)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Hosmer G. A. Co., 601 Northland av, Buffalo, N. Y.
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10328— Oils (Pistonite)

Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10328a— Oils (Putty)

Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Crandall E. V. Oil & Putty Co., 1105 Metropolitan av, Brooklyn, N. Y.
Penn & Delaware Oil Co., 90 West, New York
Underhay Oil Co., 73 Batterymarch, Boston, Mass.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10329— Oils (Rapeseed)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Trading Co. (Imp.), 25 Broad, New York
COOK & SWAN CO., INC, (Importers French Burning, Double Refined, Blown & Crude Rapeseed), 148 Front, New York *See adv index at end of book*
Elbert & Co., 27 William, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Kellogg Spencer & Sons, Buffalo, N. Y.
Kuh E. S. & Valk Co. (Imported), Produce Exchange, New York
Norden A. & Co. (Imp.), 60 Beaver, New York
Oil Seeds Co., 35 S William, New York
Sheldon G. W. & Co. (Imported), 8 Bridge, New York
Swan, Alden S., & Co., 148H Front, New York
Swan & Finch Co. (Imported), 165 B'way, New York
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Vacuum Oil Co. (Imported), Rochester, N. Y.

10330— Oils (Red)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Bell Oil Corp., 111 Broad, New York
Bosson & Lane (Turkey Red), Atlantic, Mass.
Celina Stearic Acid Co., Celina, O.
Craig Oil Co., Toledo, O.
EMERY CANDLE CO. ("Elaine"), 115 E. 4th, Cincinnati, O.
Emery Mfg. Co., Bradford, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Gross A. & Co., 90 West, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harding & Fancourt (Turkey Red), 516 S Delaware av, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight (Turkey Red), 68 Maiden la, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Leyland Thos. & Co. (Turkey Red), Readville, Boston, Mass.
Manufacturers Paraffine Co. ("Victor"), Chester, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Rub-No-More Co., Ft. Wayne, Ind.
Scholler Bros. Co. (Turkey Red), Amber & Westmoreland, Phila., Pa.
Sergeant, E. M., Co., 15 E. 26th, New York
See adv index at end of book
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Shaw John & Co. (Turkey Red), 15 Elkins, S. Boston, Mass.
Siegle G. Co. (Turkey Red, Imp.), Rosebank, S. I., N. Y.
Sonneborn L. Sons ("Amalie," Turkey Red), 262 Pearl, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Tidewater Oil Co., 11 B'way, New York
Warren Refining Co., Warren, Pa.
Will & Baumer Co., Syracuse, N. Y.
Wilson-Martin Co., 30th & Market, Phila, Pa.
Wolf Jacques & Co. (Turkey Red), Passaic, N. J.

10330a—Oils (Refined Fusel, Aniline, Creosote, Acetone, Shingle, Dead & Flotation)

Du Pont Chemical Wks., 130 B'way, New York
International Vegetable Oil Co. (Refined Fusel), Atlanta, Ga.
U. S. Industrial Chemical Co. (Acetone Oils), 27 William, New York

10330b— Oils (Ricinola)

Klipstein A. & Co., 644 Greenwich, New York

Oils (Road)

See Road Binders & Preservatives

10331— Oils (Rosin)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Casey Jno. A. Co., 144 Maiden la, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York *See adv index at end of book*
Fulper Edw. B., Trenton, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mills C. E. Oil Co., Syracuse, N. Y.
National Rosin Oil & Size Co., 90 West, New York
Peninsular Naval Stores Co., Jacksonville, Fla.
Pensacola Tar & Turpentine Co., Gulf Point, Fla.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Southern Oil & Chemical Co., Savannah, Ga.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Stoll Oil Refining Co., Louisville, Ky.
Willcox-Ives & Co., Savannah, Ga.

10332— Oils (Rubbing)

Indian Refining Co., 244 Madison av, New York
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Swan & Finch Co. ("Bayway", "Excelsior", "Eagle"), 165 B'way, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
Zero Oil Co., Parkersburg, W. Va.

10333—Oils (Safety Lamp)

Galena-Signal Oil Co., Franklin, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

Oils (Screw Cutting)

See Oils, Cutting & Polishing

10334— Oils (Sea Animal)

COOK & SWAN CO., INC. (Sperm Whale, Walrus, Sea Elephant & Seal), 184 Front, New York
See adv index at end of book

10335— Oils (Seal)

COOK & SWAN CO., INC, (Refined Water White, Imp.), 148 Front, New York
See adv index at end of book
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.

10336— Oils (Sesame)

Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
Klipstein A. & Co., 644 Greenwich, New York
Magnus, Mabee & Reynard, 287 Pearl, New York
Musher & Co., 302 5th av, **New York**
National Aniline & Chemical Co., Inc., **21** Burling slip, New York
Norden A. & Co. (Imp.), 60 Beaver, New York
Oil Seeds Co., 35 S William, New York
Simmons Thos. W. Co. (Imp), 240 California, San Francisco, Cal.

Oils (Sewing Machine)

See Oils, Bicycle & Sewing Machine

10337—Oils (Shingle Stain)

Barclay Naval Stores Co. (Jobbers), 60 Delevan, Brooklyn, N. Y.
Empire Oil Works, Oil City, Pa. Works, Reno, Pa.
GENERAL NAVAL STORES CO., INC., McCormick bldg, Chicago, Ill.; 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
PROTEXOL CORPORATION, 41 Barclay, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10338— Oils (Signal)

Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Galena-Signal Oil Co. ("Galena"), Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Pierce Oil Corp, Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Swan & Finch Co. ("Bayway", "Excelsior", "Eagle"), 165 B'way, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book
Vacuum Oil Co. ("Gargoyle Mobiloils"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10339— Oils (Silk)

Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Mills C. E. Oil Co., Syracuse, N. Y.
Sonneborn L. Sons ("Amalie" for Textile Use), **262 Pearl, New York**

10340— Oils (Skid)

Du Pont E. I. de Nemours & Co., Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book
Emery Mfg. Co., Bradford, Pa.
Warren Refining Co., Warren, Pa.

10341— Oils (Soluble)

Adams Oil & Compound Co., 549 W. Washington blvd, Chicago, Ill.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
American Oil Corp., Jackson, Mich.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bayerson Oil Works ("Emulso" Cutting Oil), Erie, Pa.
Bosson & Lane, Atlantic, Mass.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Damascus Mfg. Co. ("Damascus"), Cassius av, Cleveland, O.
Detroit Soluble Oil Co., Beard & M. C. R. R., Detroit, Mich.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Fiske Bros. Refining Co., 24 State, New York
General Adhesive Mfg. Co., Inc. ("Dragon"), 469 Greenwich, New York
Harding & Fancourt, 516 S Delaware av, Phila., Pa.
Herrick & Voight, 68 Maiden la, New York
Magnus, Mabee & Reynard, 257 Pearl, New York
Mass & Waldstein Co., 92 William, New York
Moore Oil Co., York & McLean av, Cincinnati, O.
Munroe Robt. A. & Co., 25 Pine, New York
National Oil & Supply Co. ("Viscos"), 174 Freylinghuysen av, Newark, N. J.
National Oil Prducts Co., Harrison, N. J.
Nicol J. M. & J. S., N Paterson, N. J.
Oil City Oil & Grease Co., Oil City, Pa.
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Shaw John & Co., 15 Elkins, S. Boston, Mass.
Sibley Soap Co., Franklin, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

OILS (SOLUBLE)—continued
Standard Oil Co. of New York, 555 W 25th, New York
Suter Eugene & Co., 120 B'way, New York
Swan & Finch Co. ("Bayway", "Excelsior", "Eagle"), 165 B'way, New York
Talley Co. ("Talco"), New Richmond, O.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Ulco Oil Co., 65 Hale, Detroit, Mich.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book
Wolf Jacques & Co., Passaic, N. J.

10342— Oils (Soya Bean)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
American Trading Co. (Imp.), 25 Broad, New York
American Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
Ayres, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
Boyer Oil Company, Inc., 25 W. Broadway, New York
Carleton & Moffat (Imp.), 80 Maiden la, New York
Clark Fred G. Co. (Importers), 1081 W 11th, Cleveland, O.
COOK & SWAN CO., INC. (Imp.), 148 Front, New York
See adv index at end of book
Crawford Specialty Mfg. Co., Blackstone bldg., Cleveland, O.
Eberhart, J. P. & Co., 15 William, New York
Elbert & Co., 27 William, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Gillespie L. C. & Sons (Imp.), 6 Fletcher, New York
Gough Richard & Co. (Imp.), 69 Wall, New York
Gross Otto (Imp.), 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jardine, Matheson & Co. (Imp.), 25 Madison av, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Link D. C. & Co. (Imp.), Produce Exchange, New York
Marden, Orth & Hastings Co. (Imp.), 136 Liberty, New York
Mitsui & Co. (Imp.), 65 B'way, New York
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Oils Seeds Co., 35 S William, New York
Scheel Wm. H. (Imp.), 159 Maiden la, New York. *See adv index at end of book*
Simmons Thos. W. & Co. (Imp.), 240 California, San Francisco, Cal.
Swan, Alden S., & Co., 148H Front, New York
Swan & Finch Co. (Imp.), 165 B'way, New York
Tappenbeck W. (Imp.), 106 Wall, New York
Welch, Holme & Clarke Co., 383 West, New York

10343—Oils (Sperm & Whale)

See also Oils, Fish

Baltimore Oil Co., 106 N High, Baltimore, Md.
COOK & SWAN CO., INC. (Imp.), 148 Front, New York
See adv index at end of book
Dodd A. W. & Co., Gloucester, Mass.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Nye Wm. F., New Bedford, Mass.
Robinson W. A. & Co., New Bedford, Mass.
Swan & Finch Co. (Jobbers), 165 B'way, New York
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10343a— Oils (Sulphonated)

Anchor Color & Gum Wks., Dighton, Mass.
Apex Chemical Co., Inc., 61 Park Row, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Crew-Levick Co., Land Title bldg., Phila., Pa.
Cronkhite Co., Inc., 142 Berkley, Boston, Mass.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Herrick & Voight, 68 Maiden la, New York
Marden, Orth & Hasting Co., 136 Liberty, New York
National Oil Products Co., Harrison, N. J.
New Brunswick Chemical Co., 326 B'way, New York
Paragon Refining Co., (Paragon Top Oil), Toledo, O.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Shaw & Co., John, 15 Elkins, S Boston, Mass.
Sonneborn L. Sons, 262 Pearl, New York
Sunbeam Chemical Co., 198 Pacific av, Jersey City, N. J.
Western Paper Makers Chemical Co., Kalamazoo, Mich.
Wolf Jacques & Co., 369 Harrison, Passaic, N. J.

10343b— Oils (Synthetic)

National Aniline & Chemical Co., 21 Burling Slip, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Van Dyk & Co., 6 Platt, New York

10343c— Oils (Tallow)

See also Oils, Oleo

Armour & Co., 208 S La Salle, Chicago, Ill.
Burckardt & Co., Cincinnati, O.
Cook & Swan Co., Inc., 148 Front, New York *See adv index at end of book*
Cudahy Packing Co., 11 W Monroe, Chicago, Ill.
See adv index at end of book
Morris & Co., U. S. Yards, Chicago, Ill.
National Oil Products Co., Harrison, N. J.
Swift & Co., Union Stock Yards, Chicago, Ill.

10344— Oils (Tanners')

Bradford Oil Co., Inc., Lynn, Mass.
COOK & SWAN CO., INC. (Imp.), 148 Front, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Houghton E. F. & Co. ("C. L."), 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
National Oil Products Co., Harrison, N. J.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Sonneborn L. Sons ("Amalie" & Greases), 262 Pearl, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.

10345— Oils (Tar)

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Chatham Mfg. Co., Savannah, Ga.
Florida Wood Products Co., Jacksonville, Fla.
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
GENERAL NAVAL STORES CO. (Inc.), McCormick bldg, Chicago, Ill.; 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Mills C. E. Oil Co., Syracuse, N. Y.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
North Carolina Naval Stores Co., Wilmington, N. C.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.

10346— Oils (Tempering)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
COOK & SWAN CO., INC., 148 Front, New York *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Robinson W. A. & Co. (Sperm & Whale), New Bedford, Mass.
Russia Cement Co., Gloucester, Mass.
Sinclair Refining Co., Conway bldg., Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Swan & Finch Co. ("Bayway", "Excelsior", "Eagle"), 165 B'way, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Warren Refining Co., Warren Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.
Zurn O. F. Co., Broad & Lehigh, Phila., Pa.

10346a— Oils (Textile)

Fiske Bros. Refining Co., 24H State, New York
Loos & Dilworth, 132 & 134H S Front, Phila., Pa.
Moore Oil Refining Co., Dept. H, York and McLean av, Cincinnati, Ohio
National Oil Products Co., Dept. H, Harrison, N. J.
Onyx Oil & Chemical Co., 13H Exchange pl, Jersey City, N. J.
Swan & Finch Co., 522H 5th av, New York

10347— Oils (Tinners')

Macneal Jas. B. & Co. ("Oriole"), Warner & Wooster, Baltimore, Md.

10348— Oils (Transformer)

Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Franklin Quality Refining Co., Franklin, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hunt Edward J. ("Hunt" Oil, Dryer & Purifier), 707 Ordway bldg, Newark, N. J.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Pennsylvania Paraffine Wks., Titusville, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg., Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sun Company, Finance bldg, Phila., Pa.
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co., 11 Broadway, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricants"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10349—Oils (Turbine Engine)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Franklin Quality Refining Co., Franklin, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
Kellogg E. H. & Co. ("Anti-Friction"), 243 South, New York
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Swan & Finch Co. ("Bayway", "Excelsior", "Eagle"), 165 B'way, New York
See adv index at end of book
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co., 11 B'way, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10350— Oils (Typewriter)

Emery Mfg. Co., Bradford, Pa.
Heale J. A. & Co. ("H. & B."), 96 John, New York
Indian Refining Co., 244 Madison av, New York
Miller-Bryant-Pierce Co. ("Diamond"), Aurora, Ill.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Nye Wm. F. ("Nyoil"), New Bedford, Mass.
Oil City Oil & Grease Co., Oil City, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10351— Oils (Valve)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.

Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works, Reno, Pa.
Franklin Oil Wks., Franklin, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New New York
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila, Pa.
Sinclair Refining Co., Conway bldg., Chicago, Ill.
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co., 11 B'way, New York
Vacuum Oil Co. (Gargoyle, Mobiloils, Mobilubricant), Rochester, N. Y.
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10352— Oils (Vegetable)

Alexander H. T. & Co., 17 Battery pl, New York
COOK & SWAN CO., INC. (Imp.), 148 Front, New York
Corn Products Refining Co. ("Globe," "Diamond," "Mazola" & "Argo"), 17 Battery pl, New York
Elbert & Co., 27 William, New York
Fearon Brown Co. (Imp.), 96 Wall, New York
Fergusson, Alex. C., Jr., 474 Chestnut, Philadelphia, Pa.
See adv index at end of book
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Fuller Ralph L. & Co., 81 Fulton, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hartmann Pacific Co., Inc. (Imp.), 80 Wall, New York
Kirk, W. R., 327 S. La Salle, Chicago, Ill.
Knapp Edw. J. Candle Co. (Imp.), Syracuse, N. Y.
Loos & Dilworth, 132-34H S. Front, Phila., Pa.
Musher & Co., 302 5th av, New York
Nye Wm. F., New Bedford, Mass.
Oil Seeds Co., 35 S William, New York
Philippine Vegetable Oil Co. (Imp.), 11 B'way, New York
Pierce Co., East Rochester, N. Y.
Southern Cotton Oil Co., ("Scoco"), 120 B'way, New York
Stern D. S. Co. (Imp.), 46 Davis, San Francisco, Cal.
Suter Eugene & Co., 120 B'way, New York
Union Petroleum Co., Widener bldg, Phila., Pa.

10352a— Oils (Virgin)

Musher & Co. (Imp.), 302 5th av, New York

10352a-1— *Oils (Vitriol)

DU PONT E. I. DE NEMOURS & CO. INC, Sales Dept. Acids & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book

10352b— Oils (Walnut)

Boyer Oil Co., Inc., 25 W Broadway, New York

Oils Vitriol

See Acid Sulphuric

10353—Oils (Waterproofing)

Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Waverly Oil Works Co., Pittsburgh, Pa.
See adv index at end of book

10354— Oils (Water-White)

See also Oils, Kerosene

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
American Oil Works (Ltd.), Titusville, Pr.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Crew Levick Co., 111 N. Broad, Phila., Pa.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co., Ltd., Oil City, Pa.
Indian Refining Co., 214 Madison av, New York
Malone Oil Co. (Mineral), 2197 E 18th, Cleveland, O.
Mutual Refining Co. (Ltd.), Warren, Pa.
Natl. Refining Co., 1400 E. 9th, Cleveland, Ohio
Oil City Oil & Grease Co., Oil City, Pa.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Texas Company, 17 Battery pl, New York *See adv index at end of book*
Tidewater Oil Co., 11 Broadway, New York
Union Petroleum Co., Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10354a—Oils (Wintergreen)

Merck & Co., 45 Park pl, New York

10355-6— Oils (Wood)

See also Oils, Pine

Armiger Chemical Co. ("Rex"), 2155 Austin av, Chicago, Ill.
Du Pont E. I. de Nemours & Co. Inc. (Special Products Section), Wilmington, Del. *See adv index at end of book*
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co. (Imp. China), 136 Liberty, New York
Newton Chemical Co., Olean, N. Y.
Norden A. & Co. (Imp. China), Cotton Exch. bldg., New York
Paterson, Boardman & Knapp, 10 Bridge New York
Peabody Henry W. & Co., 17 State, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10357—Oils (Wool & Cordage)

Arabol Mfg. Co. 100 William, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Bradford Oil Co., Inc., Lynn, Mass.
See adv index at end of book
Central Refining Co. (Cordage), Lawrenceville, Ill.
Cook & Swan Co., Inc., 148 Front, New York. *See adv index at end of book*
Crew, Levick Co., 111 N. Broad, Phila., Pa.
Cronkhite Co., Inc. (Wool), 142 Berkley, Boston, Mass.
Emery Mfg. Co., Bradford, Pa.
Fancourt W. F. & Co., Inc., 516 S. Delaware, Phila., Pa.
Gulf Refining Co. (Cordage), Frick bldg annex, Pittsburgh, Pa.
Houghton E. F. & Co. 240 W. Somerset, Phila., Pa.
National Oil Products Co. Harrison, N. J.
Penna. & Del. Oil Co. (Cordage), 90 West, New York
Pennsylvania Paraffine Wks., Titusville, Pa.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Sonneborn L. Sons, Inc., 262 Pearl, New York.
Standard Oil Co. of N. Y. ("Sacony"), 555
Swan & Finch Co. (Economic), 165 B'way, New York
Union Petroleum Co., Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co. (Cordage), Pittsburgh, Pa. *See adv index at end of book*
Wolf Jacques & Co. 369 Harrison, Passaic, N. J.

10357a—Oils (Worm Gear)

COOK & SWAN CO., INC. ("N. B. C."), Brand Castor Worm Gear), 148 Front, New York *See adv index at end of book*
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

10358— Oleates

National Oil Products Co., Harrison, N. J.
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book

10359— Oleine

Bosson & Lane, Atlantic, Mass.

10360— Oleum

Atlas Powder Co. (20%-30%-40%-60%-70%-80% free S. & 3), Wilmington, Del.
Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
Contact Process Co., Buffalo, N. Y.
Southern Acid & Sulphur Co., Boatmen's Bank bldg, St. Louis, Mo.

10361— Onyx Importers

Grace Wm., 123 Liberty, New York
Jackson C. D. & Co., 105th & E R, New York
Tompkins, Kiel Marble Co., 505 5th av, New York

10362— Onyx Workers

Christa Marble Co., 1625 St. Aubin, Detroit, Mich.
Klaber S. & Co., 21 W 39th, New York
Lautz Co., Buffalo, N. Y.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Standard Marble Works, 706 Front, Cincinnati, O.
Theis Peter Sons, 636 1st av, New York

10363— Openers (Bottle)

Arcade Mfg. Co. ("Champion" Wire Cutter & Crown Seal Remover), Freeport, Ill.
Berk Bros. (Imp.), 543 Broadway, New York
Bulman E. O. Mfg. Co., Grand Rapids, Mich.
Erie Specialty Co. ("Quick & Easy"), 520 W 12th, Erie, Pa.
Farrell W. J., 325 Washington, New York
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Jenkinson R. C. & Co. (Wire Bottle Cap Removers), 293 Washington, Newark, N. J.
K. & O. Company, 366 Butler, Brooklyn, N. Y.
Reading Saddle & Mfg. Co. (For Cap Bottles), Reading, Pa.
Ryede Specialty Works ("Ideal Crown"), Rochester, N. Y.
Stephens, Windsor & Co. ("Open Close," "Milk Bottle," "Open & Stopper," "Dainty" Cap Remover Handle), Waltham, Mass.
Titchener-Diehl Co., 1844-48 W. Austin av, Chicago, Ill.
See adv index at end of book
Vaughan Novelty Mfg. Co. ("Vaughan's Never Chip" and "Over the Top" Stationery Crown), 711 Fulton, Chicago, Ill.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

Openers (Box)

See Chisels, Box Openers

10364— Openers (Can)

American Cutlery Co. ("Ideal"), 764 Mather, Chicago, Ill.
Andrews Wire & Iron Works ("Androck"), Rockford, Ill.
Arcade Mfg. Co. (Steel Blade, Wood Handle), Freeport, Ill.
Berk Bros., 543 Broadway, New York
Bradley & Farnham ("Dandy," "Ever Ready," "Excelsior," "Hercules," "Little Giant," "Peerless"), Middlefield, Conn.
Browne W. G. Mfg. Co. ("The Best"), "None Such," "I. X. L.," "Shear Cut Clipper," "Keen O," etc), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("Never-Slip," "XXX," "Diamond," "Crescent," "Sprague," "King" & "Star," with Corkscrew). Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass.
Cassady Fairbank Mfg. Co. ("Supreme," "Buckeye," "Trinity"), 6126 S La Salle, Chicago, Ill.
Crescent Mfg. Co., Fremont, O.
Dover Stamping & Mfg. Co. ("Never Slip Monarch"), Cambridge, Mass.
Ellis Mfg. Co. ("Dandy," "Ever Ready," "Excelsior," "Hercules," "Little Giant"), Millidale, Conn.
Fletcher, Terry Co. ("Sprague"), Forestville, Conn.
General Phonograph Corp., 25 W. 45th ("Columbia"), New York
Goodell Co. ("Acme" & "Ferren" Machines), Antrim, N. H.
Graef & Schmidt ("Twin Brand"), 107 Chambers, New York
Graham John H. & Co. ("Peerless" "Delmonico"), 113 Chambers, New York
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. ("Ideal"), Worcester, Mass.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
Knickerbocker Mfg. Co. ("20th Century"), Belleville, N. J.
Kraeuter & Co., 553 18th av, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
Lo Vis Co., Kalamazoo, Mich.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Nicol & Co. ("I. X. L."), 218 N Jefferson, Chicago, Ill.
Ontario Knife Co., Franklinville, N. Y.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Parker Wire Goods Co. ("Ideal"), Worcester, Mass.
Reading Saddle & Mfg. Co. ("Reading") Reading, Pa.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Rockford Metal Specialty Co. (Rotary Circular), Rockford, Ill.
Rocky Hill Hardware Co., Rocky Hill, Conn.

OPENERS (CAN)—continued
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Schatz Mfg. Co. ("Acme," "Kan Kut"), Poughkeepsie, N. Y.
Sperry & Alexander Co. ("Centaur" Openers & Key Hooks), 79 Chambers, New York
Streeter N. R. & Co. ("Tip-Top," "Streeter's," "New Sprague," "American"), Rochester, N. Y.
Taplin Mfg. Co., New Britain, Conn.
Taylor Mfg. Co. ("Yankee," "Nifty" & "Little Gem" Can & Bottle Opener), Hartford, Conn.
Universal Specialty Co. (Locking), 33 E Kinney, Newark, N. J.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.
White Ira F. & Son ("Sure Cut", "Woods," "Midget," "Bull Dog" Can & Bottle), Bloomfield, N. J.
Wrightsville Hardware Co. ("Hopper"), Wrightsville, Pa.

10365—Openers (Casement)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.

10366—Openers (Cigar Box)

Amer. Cutlery Co., 764 Mather, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.

Openers (Crate)

See Chisels, Box Openers

10367— Openers (Egg)

Taplin Mfg. Co. ("Champion"), New Britain, Conn.

Openers (Fruit Jar)

See Wrenches, Fruit Jar

10367a—Openers (Garage Door)

Allith Prouty Co. ("Electromatic"), Danville, Ill.

10368— Openers (Letter)

American Cutlery Co., 764 Mather, Chicago, Ill.
Atwater S. I., 101 Lafayette, New York
Celluloid Co., 36 Wash. pl, New York
Curtis Albert B., Worcester, Mass.
Hart H. C. Mfg. Co., Unionville, Conn.
Lightning Letter Opener Co. ("Lightning"), Rochester, N. Y.
Mihll & Allegretti, Geneva, N. Y.
Mossberg Frank Co. ("Mossberg" Advertising), Attleboro, Mass.
National Cutlery Co. (Nickeled Steel), Westmoreland & Boudinot, Phila., Pa.
Novelty Cutlery Co., Canton, O.
O. K. Mfg. Co. (Ries "O. K."), Syracuse, N. Y.
Tiley, Pratt Co. (Bone), Essex, Conn.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.

10369—Openers (Sash Ventilator for Cars)

See also Adjusters, Casement

Wallace Supplies Mfg. Co. ("Wallace Deck"), 412 Orleans, Chicago, Ill.

10369a—Openers (Spring Leaf)

West Haven Mfg. Co. ("West Haven"), West Haven, Conn.

10370—Opera Chairs & Assembly Seating

Allen Chair Co., Concord Junction, Mass.
American Seating Co., 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co., 107 S Wabash av, Chicago, Ill.
Hardesty Mfg. Co., Dover, O.
Harwood's H. J. Sons, 107 Friend, Boston, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Peabody School Furniture Co., North Manchester, Ind.
Readsboro Chair Co., Readsboro, Vt.
Rowles E. W. A. Co., 2345 S La Salle, Chicago, Ill.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.

10371— Ophthalmoscopes

Fowler E. S., 31 State, Chicago, Ill.
Spencer Optical Co., 5 Maiden la, New York

10372—Optical Goods Mfrs.

See also Lenses

American Optical Co., Southbridge, Mass.
Bachmann Bros., 609 Commerce, Phila., Pa.
Bausch & Lomb Optical Co., Rochester, N. Y.
Bay State Optical Co. ("Besto" Gold Filled Eye Glass Frames, Eye Glass Chains, etc), Attleboro, Mass.
Brown D. Y., 738 Sansom, Phila., Pa.
Central Optical Co., Southbridge, Mass.
Crown Optical Co., Rochester, N. Y.
Du Paul, Young Optical Co., Southbridge, Mass.
Empire Optical Co., Rochester, N. Y.
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Hope Bros., Knoxville, Tenn.
Johnston Optical Co. 314 State, Detroit, Mich.
Kirby G. J. Co., Willimantic, Conn.
Kirstein E. Sons Co., Rochester, N. Y.
Leominster Shell Goods Mfg. Co. (Celluloid), Leominster, Mass.
Lowres G. J. & Co. (Spectacle & Eye Glass Frames & Mountings), 344 Mulberry, Newark, N. J.
Martin-Copeland Co., 101 Salem, Providence, R. I.
Mayer Geo. & Co., 728 Sansom, Phila., Pa.
Michigan Optical Co., 83 Beacon, Detroit, Mich.
Mohr R. & Sons, San Francisco, Cal.
New Era Optical Co., 123 W Madison, Chicago, Ill.
New Jersey Optical Co., 91 Runyon, Newark, N. J.
Optical Specialty Mfg. Co., Southbridge, Mass.
Pennsylvania Optical Co., Reading, Pa.
Reisner W. H. Mfg. Co. (Specialties), Hagerstown, Md.
Riggs Optical Co., Omaha, Neb.
Spencer Optical Co., 5 Maiden la, New York
Standard Optical Co., Geneva, N. Y.
White-Haines Optical Co., Columbus, O.
Williams, Brown & Earle, 918 Chestnut, Philadelphia, Pa.
Wilson Goggle, Inc., Reading, Pa.
Wollensack Optical Co., Rochester, N. Y.

10372a— Orange (Mineral)

Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.

10373—Ordnance (Light & Heavy)

Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co. (Of All Calibres), South Bethlehem, Pa.
Colts Patent Fire Arms Mfg. Co. (Rapid Fire Machine Guns), Hartford, Conn.
Driggs Ordinance & Mfg. Corp'n (Rapid Fire Machine Guns), New Haven, Conn.
General Ordnance Co., Derby, Conn.
Maxim Munitions Corpn., Equitable bldg., New York
Midvale Steel & Ordnance Co. (Coast Defense, Field & Naval Guns & Mountings), Widener bldg, Phila., Pa.
Savage Arms Corp. ("Lewis" Machine Guns), Utica, N. Y.
U. S. Machine Gun Co., Meriden, Conn.
Watervliet Arsenal, Watervliet, N. Y.

10374— Ore (Emery)

Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.

Ore Trestles & Tipples (Steel)

See Tipples, Mine

10375— Ores (Aluminum)

Aluminum Ore Co., East St. Louis, Ill.
Earle E. P., 165 B'way, New York
Seligman Arthur, 165 B'way, New York

10376— Ores (Antimony)

Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Fuerst Bros. & Co., 2 Stone, New York
General Commercial Co., Ltd., of U. S. (Imp.), 295 B'way, New York
Gross Otto (Imp.), 66 Beaver, New York
International Minerals & Metals Corp., 61H Broadway, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York

10377— Ores (Bauxite)

Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Acid and Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book
General Commercial Co., Ltd., of U. S. (Imp.), 295 B'way, New York

10378— Ores (Bismuth)

Earle E. P., 165 B'way, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur (Imp), 165 B'way, New York

10379— Ores (Chrome)

American Refractories Co. (Ground), Union Arcade bldg, Pittsburgh, Pa.
Federal Refractories Co., Cleveland, O.
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Harbison-Walker Refractories Co. (For Basic Open-Hearth Furnaces, etc), Farmers' Bank bldg, Pittsburgh, Pa.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
National Sales & Trading Co., Cleveland, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
U. S. Nickel Co. (New Caledonian Imptr), New Brunswick, N. J.

10380-1— Ores (Copper)

American Metal Co., 61 B'way, New York
Bell Copper Co., 681 Market, San Francisco, Cal.
Calumet & Hecla Mining Co., Calumet, Mich.
Ducktown Sulphur, Copper & Iron Co. (Mattes), Isabella, Tenn.
Earle E. P., 165 B'way, New York
General Commercial Co., Ltd., of U. S. (Imp.), 295 B'way, New York
Huff Electrostatic Separator Co. (With Heavy Ganguls), 60 India, Boston Mass.
International Minersl & Metals Co., 61H Broadway, New York
Irvington Smelting & Refining Works, Irvington, N. J.
Mitsui & Co. (Imp.), 65 B'way, New York
North American Copper Co., 52 Vanderbilt av, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
Tottenville Copper Co., Bedell, Tottenville, N. Y.
U. S. Metals Refining Co., 61 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

10382— Ores (Gold)

Irvington Smelting & Refining Works, Irvington, N. J.
Philipp Bros. (Imp.), 29 B'way, New York
Round Mountain Mining Co., Montgomery, San Francisco, Cal.
U. S. Metals Refining Co., 61 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.

10383— Ores (Iron)

Addy Matthew Co., 1st Natl. Bank bldg, Cincinnati, O.
Allebheny Ore & Iron Co., Buena Vista, Va.
Benson Mines Co. (Miners), Benson Mines, St. Lawrence Co., N. Y.
Biwabik Mining Co., Youngstown, O.
Breitung E. N. & Co., Rockfeller bldg., Cleveland, O.
Brown Mining Co., Cardiff, Tenn.
Cheever Iron Ore Co., Port Henry, N. Y.
Citico Furnace Co., Chattanooga, Tenn.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Cornwall Ore Bank Co. (Miners), Cornwall, Pa.
Corrigan, McKinney & Co., Cleveland, O.
Cuyuna Minneapolis Iron Co. (Magoniferous), 514 Plymouth bldg, Minneapolis, Minn.
Davidson Ore Mining Co., White bldg, Buffalo, N. Y.
Debevoise-Anderson Co., 56 Liberty, New York
Dover Iron Co., Bear Spring, Tenn.
Earle E. P., 165 B'way, New York
Empire Steel & Iron Co., Catasauqua, Pa.
Fairbank & Co., Wade bldg, Cleveland, O.
Florence Iron Co. of Wisconsin, 25 Broad, New York
Fort Henry Mining Co., Cleveland, O.
Hanna M. A. & Co., Leader News bldg., Cleveland, O.
International Minerals & Metals Co., 61H Broadway, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Iron & Ore Corp. (Imp.), 17 Broadway, New York
Lafollette Coal & Iron Co., Lafollette, Tenn.
Lake Erie Ore Co., Rockefeller bldg, Cleveland, O.
Le Belle Iron Works, Steubenville, O.
Loretto Iron Co., 1400 Fulton, Chicago, Ill.
Marshall Edward E., Bullitt bldg., Phila., Pa.
Mahoning Ore & Steel Co., Widener bldg, Phila., Pa.
McKinney Steel Co., Perry Payne bldg, Cleveland, O.
Mineral, Mining Co., Milwaukee, Wis.
Napier Iron Works, Nashville, Tenn.
Naylor & Co., 120 B'way, New York
Newport Mining Co., Milwaukee, Wis.
Northern Iron & Steel Co., Drexel bldg., Phila., Pa.
Oglebay, Norton & Co., Wade bldg, Cleveland, O.
Pewabic Co., Milwaukee, Wis.
Pickands, Brown & Co., 332 S. Michigan av, Chicago, Ill.

Pickands, Mather & Co., Western Reserve bldg, Cleveland, O.
Pilling & Crane (Agent), Real Estate bldg, Phila., Pa.
Port Henry Iron Ore Co., 2 Rector, New York
Reserve Mining Co., Cleveland, O.
Rogers-Brown Iron Co., Erie County Bk. bldg, Buffalo, N. Y.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shenango Furnace Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.
Snyder W. P. & Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.
Spring Valley Iron Co., Wellston, O.
Thomas Iron Co., Hokendauqua, Pa.
Tod-Stambaugh Co., 601 Perry-Payne, Cleveland, O.
Witherbee Sherman & Co., 2 Rector, New York
Wittman N. B. & Co. (Imp. of Spanish Ore), Commercial Trust bldg, Philadelphia, Pa.

10384— Ores (Lead).

Cerro Gordo Mines Co., 1st Natl. Bk. bldg, San Jose, Cal.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Earle E. P., 165 B'way, New York
Irvington Smelting & Refining Works, Irvington, N. J.
Park & Williams, Inc., Real Estate Tr. bldg., Phila., Pa.
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

10384a— Ores (Lithium)

Foote Mineral Co., 109 N 19th, Phila., Pa.

10385— Ores (Magnesite)

American Refractories Co., Union Arcade bldg, Pittsburgh, Pa.
Federal Refractories Co., Cleveland, O.
Foote Mineral Co., 109 N 19th, Phila., Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.

10386— Ores (Manganese)

Doggett Stanley (Jobbers), 11 Cliff, New York
Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
International Minerals & Metals Co., 61H Broadway, New York
Iron & Ore Corp. (Imp.), 11 B'way, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Lavino E. J. & Co. (Lump & Ground), Bullitt bldg, Phila., Pa.
Marshall E. E., Bullitt bldg, Phila., Pa.
Naylor & Co., 120 B'way, New York
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Seligman Arthur, 165 B'way, New York
Stanby's Creek Manganese & Iron Co. (Miners), Marion, Va.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

10387—Ores (Molybdenum)

Earle E. P., 165 B'way, New York
Foote Mineral Co., 109 N 19th, Phila., Pa.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Mineral Product Mfg. Co., Wilmington, Del.
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
Vanadium Corp. of Am., Equitable bldg., New York

10388— Ores (Platinum)

Irvington Smelting & Refining Works, Irvington, N. J.
Vogelstein L. & Co., 42 B'way, New York

10389— Ores (Purple)

Pennsylvania Salt Mfg. Co. (In Bulk, Free from Phosphorus, Nodulized Free from Phosphorus), Widener bldg, Phila., Pa.

10390— Ores (Pyrites)

Arminius Chemical Co., 44 Pine, New York
Binswanger H. P., 7 W 16th, New York
Davis Sulphur Ore Co. (Imp.), 65 Wall, New York
Earle E. P., 165 B'way, New York
Grasselli Chem. Co., Guardian bldg, Cleveland, Ohio
International Silica Co., Cairo, Ill.
Iron & Ore Corp. (Imp.), 11 B'way, N. Y.
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
Naylor & Co., 120 B'way, New York
Northern Ore Co., Edwards, N. Y.
Rand Consolidated Mines, Ltd., 853 Ellicott sq, Buffalo, N. Y.
St. Lawrence Pyrites Co., De Kalb Junction, N. Y.
Seligman Arthur, 165 B'way, New York

10390a— Ores (Rare)

See also Minerals, Rare

American Metal Co., 61 B'way, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Willmarth O. Barlow, Montrose, Colo.

10391— Ores (Red)

Pennsylvania Salt Mfg. Co. (For Gas Purification), Widener bldg, Phila., Pa.

10392— Ores (Silica)

International Silica Co., Cairo, Ill.

10392a— Ores (Strontium)

Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.

10393— Ores (Sulphur)

Grasselli Chem. Co. ("Arminius"), Guardian bldg, Cleveland, Ohio
Ledoux Augustus D. (Imp.), 15 William, New York

10393a— Ores (Tantalum)

Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.

10393b— Ores (Thorium)

Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.

10393c— Ores (Titanium)

American Rutile Co., 622 F N W, Washington, D. C.
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.

10394— Ores (Tungsten)

American Metal Co., 61 B'way, New York
Atkins, Kroll & Co., 260 California, San Francisco, Cal.
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Iron & Ore Corp (Imp.), 11 B'way, New York
Mineral Product Mfg. Co., Wilmington, Del.
Norden A. & Co. (Imp.), 60 Beaver, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
Taborga Rafael (Miners & Imp.), 233 B'way, New York
Vogelstein L. & Co., 42 B'way, New York

10395— Ores (Uranium)

Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Philipp Bros. (Imp.), 29 B'way, New York

10396— Ores (Vanadium)

Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
Philipp Bros. (Imp.), 29 B'way, New York

10397— Ores (Zinc)

American Metal Co., 61 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Cerro Gordo Mines Co., San Jose, Cal.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Earle E. P., 165 B'way, New York
International Minerals & Metals Co., 61H Broadway, New York
Northern Ore Co., Edwards, N. Y.
Seligman Arthur, 165 B'way, New York

10398— Ores & Mattes

American Metal Co., 61 B'way, New York
Earle E. P., 165 B'way, New York
Philipp Bros. (Imp.), 29 B'way, New York
Vogelstein L. & Co., 42 B'way, New York

10399— Organs

Marked thus (*) indicates Pipe
Marked thus (§) indicates Cabinet Reed

Adler Mfg. Co., Louisville, Ky.
§Aeolin Co., 29 W 42d, New York
*Austin Organ Co. ("Austin"), Hartford, Conn.
Baldwin Co., 142 W 4th, Cincinnati, O.
Bates & Culley, 1740 S 19th, Phila., Pa.
Beckwith Organ Co., Louisville, Ky.
*Bennett Organ Co., Rock Island, Ill.
§Bent Geo. P. Co., 214 S Wabash, Chicago Ill.
§Bilhorn Bros., 136 W Lake, Chicago, Ill.
§Cable Co., 301 S Wabash av, Chicago, Ill.
Cable Piano Co., 137 W 4th, Cincinnati, O.
*Casavant Bros., South Haven, Mich.
§Chase A. B. Co., Norwalk, O.
Chute & Butler Co., Peru, Ind.
Clark, Melville Piano Co., 25 E Jackson bldg., Chicago, Ill.
§Clough & Warren Co., 84 Broadway, Detroit, Mich.
Coburn Organ Co. (Pipe), 220 N Washtenaw av, Chicago, Ill.
Cole James Co., Melrose, Mass.
*DeCourcy A. B. & Co., 634 Harrison av, Boston, Mass.
Eifert & Stochr, 920 2d av, Long Island City, N. Y.
*Eifler Christopher, Darby, Pa.
Estey Organ Co., Brattleboro, Vt.
*Felgemaker A. B. Erie Organ Co., Erie, Pa.
Foley & Williams Piano Co., 19 W Jackson blvd, Chicago, Ill.
*Haskell Chas. S., 1520 Kater, Phila., Pa.
*Hausmann Otto & Co., 1208 Kinnekinnic, Milwaukee, Wis.
Hillgreen, Lane & Co., Alliance, O.
§Hinners Organ Co., Pekin, Ill.
*Hook & Hastings Co., Kendal Green, Mass.
Howard Emmons Organ Co., Westfield, Mass.
§Hughes & Son Piano Mfg. Co., Foxcroft, Me.
Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Jackson Organ Co., Burlington, Ia.
Jansen & Joosten, Flanagan, Ill.
*Jones David, Jersey City, N. J.
*Kilgen Geo. & Sons, 3825 Laclede av, St. Louis, Mo.
Kimball, Smallman & Frazee Organ Co., 101 B'way Ext., Boston, Mass.
*§Kimball W. W. Co., 304 S Wabash av, Chicago, Ill.
*§Lyon & Healy, 245 S Wabash av, Chicago, Ill.
Marr-Colton Organ Co., Warsaw, N. Y.
*Midmer Reuben & Son, 375 Fulton, Brooklyn, N. Y.
§Miller Organ & Piano Co., Lebanon, Pa.
§Moller M. P., Hagerstown, Md.
Morey Clarence, E Utica, N. Y.
Needham Piano Co., 520 W. 48th, New York
§Newman Bros. Co., 410 S. Michigan av, Chicago, Ill.
*Odell J. H. & C. S. & Co., 409 W 42d, New York
*Odell Wm. H., 407 W 42d, New York
§Packard Piano Co., Fort Wayne, Ind.
Palm E. E., Mount Penn, Pa.
Peterson J. Co., Moline, Ill.
*Pilcher's Henry Sons, Louisville, Ky.
§Putnam W. W. & Co., Staunton, Va.
Reed Geo. W. & Son, West Boylston, Mass.
Schaaf Adam, 700 W Madison, Chicago, Ill.
Schantz A. J. Sons & Co., Orrville, O.
§Seybold Piano & Organ Co., Elgin, Ill.
Shipman Organ Co., High Point, N. C.
§Shoninger B. Co., New Haven, Conn.
Skinner Ernst M. Co., 215 Sydney, Boston, Mass.
*Smith Organ Co., North Tonawanda, N. Y.
*Steere John W. & Son Organ Co., Springfield, Mass.
*Stein Adam, 5 N Green, Baltimore, Md.
*§Stevens Organ & Piano Co., Marietta, O.
Swan S. N. & Sons, Freeport, Ill.
*Tellers-Kent Organ Co., Erie, Pa.
*Van Dinter Louis H. & Son, Mishawaka, Ind.
Viner & Son, 1371 Niagara, Buffalo, N. Y.
§Votey Organ Co., 29 W 42d, New York
*Votteler Henry J. & Son, 37 Arcade, Cleveland, O.
White A. L. Mfg. Co., 215 Englewood av, Chicago, Ill.
Whitney & Currier Co., Toledo, O.
*Wicks Pipe Organ Co., Highland, Ill.
§Wilcox & White Co., Meriden, Conn.
§Williams Piano & Organ Co., 14 W Washington, Chicago, Ill.

10400—Organs (Mechanical)

Autophone Co., Ithaca, N. Y.

10401—Organs (Military Band)

Dentzel William H., 3641 Gtn av, Phila., Pa.
Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.
North Tonawanda Musical Instrument Wks., N Tonawanda, N. Y.
Parker C. W., Leavenworth, Kans.
Wurlitzer Rudolph Co., 117 E 4th, Cincinnati, O.

10402—Ornamental Brass & Bronze

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Sutton W. A. & Co., 926 N 19th, Phila., Pa.

10403—Ornaments (Candy & Cake Box)

Ludwig A. & Co., 75 Spring, New York

10404—Ornaments (Clock)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*

10405-6-7— Ornaments (Composition)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Buehner A. Decorators' Supply Co., St. Louis, Mo.

ORNAMENTS (COMPOSITION)—cont.

Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., 812 14th, Detroit, Mich.
Emmel Chas. & Rose Co. (Papier Mache Compo Staff, Plaster, etc), 383 Albany, Boston, Mass.
Emmel Company, 81 Bristol, Boston, Mass.
Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.
Meislahn C. F. & Co., 19 Clay, Baltimore, Md.
National Plastic Relief Co., 330 Main, Cincinnati, O.
Plastic Relief Mfg. Co., 1959 Fulton, Chicago, Ill.
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
P. B. & H. Moulding Co., Syracuse, N. Y.
Walter G. E., 157 E 44th, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Western Builders Supply Co. (Exterior), 135 2nd, San Francisco, Cal.

Ornaments (Fence)

See Rosettes & Pickets, Iron; also Rosettes & Pickets, Steel

10408—*Ornaments (Gable)

See also Ornaments, Sheet Metal
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

10409—Ornaments (Harness)

Colgan J. W. Co., 4 Alden ct, Boston, Mass.
Duranoid Mfg. Co. (Rings, Rosettes, etc), 213 Chestnut, Newark, N. J.
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.

10410— Ornaments (Lead)

National Lead Co., 111 B'way, New York

10411-2— Ornaments (Plastic)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Berger H. Sons, 346 E 34th, New York
Betkouskie Martin F., Los Angeles, Cal.
Buehner A. Decorators' Supply Co., St. Louis, Mo.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., 812 14th, Detroit, Mich.
Dini Geo. L., 483 Baltic, Brooklyn, N. Y.
Duchemin Geo. W., 37 Wainwright, Newark, N. J.
Eastman Plastic Relief Co., 23rd & Dickson, St. Louis, Mo.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Company, 81 Bristol, Boston, Mass.
Farley W. E. & Bro., 3635 Market, Phil., Pa.
Harnisch Adolph A. (Stucco), Syracuse, N. Y.
Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.
Klee-Thomson Co., 327 E 40th, New York
National Plastic Relief Co., 330 Main, Cincinnati, O.
Plastic Relief Mfg. Co., 1959 Fulton, Chicago, Ill.
Root C. R., Hartford, Conn.
P. B. & H. Moulding Co., Syracuse, N. Y.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert F. A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Voigt Co., 1743-1749 N. 12th, Phila., Pa.
Walter G. E., 157 E 44th, New York
Western Builders Supply Co. (Fine), 135 2nd, San Francisco, Cal.

10413—Ornaments (Sheet Metal)

Braun J. G., 609 S Paulina, Chicago, Ill.
EDWARDS MFG. CO. (Stamped), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Fargo Cornice & Ornament Co., Fargo, N. D.
Foster Sheet Metal Co., Springfield, Ill.
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co. (Inc.), 733 S Halsted, Chicago, Ill.
Gara, McGinley Co., 23 S 17th, Phila., Pa.
Gerock Bros. Mfg. Co. (Zinc & Copper), 1252 S Vandeventer av. St. Louis, Mo.
Hergert Theo. E. (For Cornices, etc), 422 E 53rd. New York
Jones Thos. W., 153 Maiden Lane, New York
Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.
Manrow Sheet Metal Works, Goshen, Ind.
Michigan Hdw. Co., Grand Rapids, Mich.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Northwestern Roofing, Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.
Penn Metal Co., 65 Franklin, Boston, Mass.
Phila. Metal Stamping Co., 107H Erie, Camden, N. J.
Porter Iron Roofing & Corrugating Co. (Stamped & Spun), 522 Culvert, Cincinnati, O.
Scott Roofing & Mfg. Co. (Standard & Spun), 408 Culvert, Cincinnati, O.
St. Louis Lightning Rod Co. (For Lightning Rods), De Kalb & Trudeau, St. Louis, Mo.
Thoresen Wm., 1916 W North av, Chicago, Ill.
Weimer C. A., Lorain, O.

10413a— Ornaments (Shoe)

Drell Novelty Mfg. Co., 100 5th av, New York
Kescot Mfg. Co., 86 Page, Providence, R. I.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

10414—Ornaments (Transfer)

Brown-Sinramm Co., 1 W 34th, New York
Decalcomania Co., 20 W Jackson blvd, Chicago, Ill.
Drakenfeld B. F. & Co. (Decalomania Paper), 50 Murray, New York
Globe Decalomania Co., 263 Sussex, Newark, N. J.
Meyercord Co. (Inc.) (Decalcomania), Chamber of Commerce, Chicago, Ill.
NATIONAL DECALCOMANIA CO., 252 N. 60th, Phila., Pa.
Palm Bros. Co., 20 W. Jackson blvd., Chicago, Ill.
Palm Fechteler & Co., 67 5th av, New York
Towle F. S. Co. (Imp.), 332 B'way, New York
Translucent Window Sign Co. (Imp.), 118 E 28th, New York

10415— Ornaments (Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Bogert & Hopper, Inc. (Turned & Grilled Work), 57 Barclay, New York
See adv index at end of book
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Curtis Bros. & Co. (For the Trade Only), Clinton, Ia.
Curtis, Towle & Paine Co. (For the Trade Only), Lincoln, Neb.
Estes E. B. & Sons (Carved, Turned & Grille Works, etc.), 364 5th av, New York *See adv index at end of book*
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Hutting Mill Works Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
N. Y. Carved Moulding Co., 139th & 3rd av, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Pierce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rowe Henry Mfg. Co. (Rosettes, Carvings, etc), Newaygo, Mich.
Spanjer Bros., 198 Badger av, Newark, N. J.
STEARNS, A. T., LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
STEVENSON MFG. CO., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Waddell Mfg. Co. (Rosettes, Carved, Grilles, etc), Grand Rapids, Mich.

10415a— Orthonitropenol

Rector Chemical Co., Inc., 2 Rector, New York

10416—*Ortho-Nitrotoluene

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

10416a— *Ortho-Toluidine

DU PONT E. I. de NEMOURS & CO. INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*

10417— Oscillators

Wolf Co., Chambersburg, Pa.

10418— Oscillographs

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

10419— Osmium

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co., Platinum Works, Malvern, Pa.
Foote Mineral Co., Phila., Pa.

10420-1—Outfits (Steel Etching)

Sawyer Tool Mfg. Co., Ashburnham, Mass.

10422—Oven Builders (Brick & Portable)

Albrecht Francis J. (Brick, Inside Heating, also Continuous), 1146 Penn av, Pittsburgh, Pa.
American Oven & Machine Co. ("Peel," Brick), 111 W Washington, Chicago, Ill.
Bailey G. E. & Sons (Brick), Mansfield, Mass.
Baker's Sons J. & Perkins Co., Inc. (Steam Pipe Draw Plate), White Plains, N. Y.
Blendinger Fred A. (Brick), 824 O'Hara, Pittsburgh, Pa.
Blodgett G. S. Co. (Portable), Burlington, Vt.
Crandall-Pettee Co. (Portable Reel), 135 Hudson, New York
Duhrkop Oven Co. (Brick), 15 Park Row, New York
Dumbleton Thos. & Son (Brick), 619 Carlton av, Brooklyn, N. Y.
Evans & Eichner ("Willey" Portable), 29 W Lake, Chicago, Ill.
Fish Rotary Oven Co. ("Fish" Rotary Brick & Portable Rotary), Walworth, Wis.
Gorndt C. A. & Co., 189 W Madison, Chicago, Ill.
Griswold Mfg. Co. (Portable), Erie, Pa.
Hall S. L. Co. (Brick), 20 W Jackson blvd, Chicago, Ill.
Hogberg Oven Co., 37 Van Buren, Chicago, Ill.
Hubbard Portable Oven Co. (Portable Bakers, Hotels & Restaurants), 1130 Belden av, Chicago, Ill.
Ils John G. & Co., 339 Mission, San Francisco, Cal.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Keller A. E. (Portable), 136 Beekman, New York
Kosicky Patent Bake Oven Co. (Brick), 1079 Mt. Ell, Detroit, Mich.
McDowell Oven Co. (Portable), 282 State, Boston, Mass.
Meek Oven Mfg. Co. (Portable Reel), Newburyport, Mass.
Middleby-Marshall Oven Co. (Portable), 769 W Adams, Chicago, Ill.
Petersen Oven Co. (Brick), 537 S Dearborn, Chicago, Ill.
Reid Portable Oven Co. (Portable), 617 Main, Buffalo, N. Y.
Rinck Chas. & Bro., 826 Oliver, Cincinnati, Ohio
Rinck Jno. G., John, Williams & Colerain, Cincinnati, O.
Roberts Portable Oven Co. ("Black Diamond"), 853 W North, Chicago, Ill.
Rockwell L. A. Co. (Mechanical Reel for Biscuits & Crackers), 430 Smith, Brooklyn, N. Y.
Standard Oven Co. (Brick), Oliver bldg, Pittsburgh, Pa.
Standard Refractories Co., Claysburg, Pa.
Varney, H. C. (Revolving Reel Bake Ovens), Leavenworth, Kas.
Walz Henry J. Co., 72 Huron, Buffalo, N. Y.
Watkins J. Y. & Son, 16 Catharine, New York
Williams Oven Mfg. Co. ("Williams" Sectional Brick), 150 Nassau, New York
Young Bros. (Portable only), 6500 Mack, Detroit, Mich.

Ovens (Annealing)

See Furnaces, Annealing & Case Hardening

10423— Ovens (Bread)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Blodgett G. S. Co., Burlington, Vt.
Koven L. O. & Bro. (Broad Proofing), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lucas Chas. O. & Co. (Rotary), Dayton, O.
See adv index at end of book
Meek Oven Mfg. Co. ("Meek" Gas), Newburyport, Mass.
Oven Equipment & Mfg. Co. ("Crawford" Sectional Continuous Process Conveyor), New Haven, Conn.
See adv index at end of book
Sloan Novelty Mfg. Co. ("Sloan-Oven" for Biscuits, Cakes, etc), S W cor 20th & Wyandotte, Kansas City, Mo.
Young Bros. (On Special Order), 6500H Mack, Detroit, Mich.

10424—Ovens (By-Product, Coke & Gas)

Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio
Koppers Co., The ("Koppers"), Union Arcade, Pittsburgh, Pa.
Semet-Solvay Co., Syracuse, N. Y.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Wiljutte Coke Oven Corp., 469 5th av, New York

10425—Ovens (Core Baking)

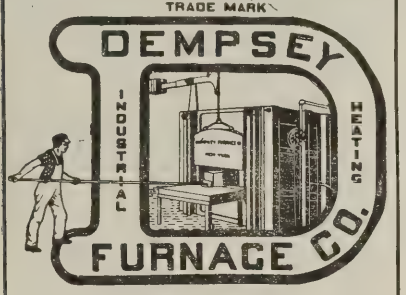
American Gas Furnace Co., 24 John, New York
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Bockel Wm. & Co., 518 Vine, Phila., Pa.
Blodgett G. S. Co. (Portable, Galvanized Iron), Burlington, Vt.
Brass Founders' Supply Co. (For Brass Fdrs.), Wilson av, Newark, N. J.
Buckeye Products Co., 919-929 W. 5th, Cincinnati, O.
Central Foundry Supply Co., P. O. Box 945, Columbus, O.

Cullen & Atkinson Co. (Revolving), Hartford, Conn.
Dempsey Furnace Co., 15 Park Row, New York *See adv index at end of book*

CORE OVENS

REEL TYPE
CAR TYPE
RACK TYPE
ANY FUEL

TRADE MARK



15 PARK ROW NEW YORK

Foundry Equipment Co. (Molds), 1833 Columbus av, Cleveland, O.
Haarman G. & Co., Inc., Holyoke, Mass.
Holcroft & Co. (Forced Draft, Mold & Annealing), Book bldg, Detroit, Mich.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Maehler Paul Co., 2210 W Lake, Chicago, Ill.
Meek Oven Mfg. Co. ("Meek"), Newburyport, Mass.
Millett Core Oven Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Monarch-Acme", "Monarch-Arundel" & "Monarch Junior"), American bldg., Baltimore, Md.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Ohio Body Blower Co., 9300 Detroit av, Cleveland, O.
OVEN EQUIPMENT & MFG. CO. ("Crawford" Sectional), New Haven, Conn. *See adv index at end of book*
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Roberts Portable Oven Co. ("Black Diamond"), 853 W North av, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Sly W. W. Mfg. Co. ("Sly"), 4700 Train av, Cleveland, O.
Stevens Frederic B, 3rd & Larned, Detroit, Mich. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wadsworth Core Mach. & Equip Co., 10 W Buchtel, Akron, O.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.
Young Bros., 6500H Mack, Detroit, Mich.

10425a— *Ovens (Drying)

Maehler Paul Co., 2210 W Lake, Chicago, Ill.

10426— Ovens (Electric)

Braun-Knecht-Heimann Co. (Despatch), 576-584 Mission, San Francisco, Cal.
Consolidated Car Heating Co. (Japanning & Baking), Albany, N. Y.
Despatch Mfg. Co. (For Enamel Baking, Bluing, Annealing, Vulcanizing, etc), 120 1st av, N. Minneapolis, Minn.
Elmer & Amend ("Freas" Electrically-Heated), 205 3d av, New York
Emerson Apparatus Co. (Conditioning), 251 Causeway, Boston, Mass.
Fox Electrical Corp., 119 W 42nd, New York
GEHNRICH INDIRECT HEAT OVEN CO., Skillman av & Honeywell, Long Island City, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hayes, C. L., 9 King av., Providence, R. I.
International Instrument Co., Cambridge, Mass.
Maehler Paul Co., 2210 W Lake, Chicago, Ill.
OVEN EQUIPMENT & MFG. CO., ("Crawford"), New Haven, Conn. *See adv index at end of book*
Prometheus Elec. Co., 511 W 42d, New York
Russell Electric Co. ("Hold Heet" Toy), 140 W. Austin av, Chicago, Ill.
Sargent & Co. E. H., 155 E Superior, Chicago, Ill.
Schaar & Co. ("Hexagon"), 556 W Jackson blvd, Chicago, Ill.
Simplex Elec. Htg. Co. (Bake), Cambridge, 39 Mass.
Steiner & Co. E. E., 20 Orange av, Newark, N. J.
Thermo Electric Instrument Co., 8H Johnson, Newark, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Young Bros., 6500H Mack, Detroit, Mich.

10427— Ovens (Enameling)

American Enamel Co. ("Mascot"), Providence, R. I.
Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.
Cullen & Atkinson Co. (Gas or Gasoline), Hartford, Conn.
Despatch Mfg. Co. (Electric), 120-1st av N, Minneapolis, Minn.
Detroit Heating & Lighting Co., Lieb & Wight, Detroit, Mich.
Evans & Eichner ("Enterprise"), 29 W Lake, Chicago, Ill.
GEHNRICH INDIRECT HEAT OVEN CO. (Sectional Portable), Skillman av & Honeywell, Long Island City, N. Y.
Maehler Paul Co., 807 W Lake, Chicago, Ill.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
OVEN EQUIPMENT & MFG. CO. ("Crawford" Sectional), New Haven, Conn. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Steiner E. E. & Co. (Gas), 20 Orange av, Newark, N. J.
U. S. Gas Furnace Co. (Drying or Baking), 46 Clifford, Providence, R. I.
Van Dorn Iron Works Co. (Japan), 2700 E 79th, Cleveland, O.
Young Bros. (For Low Temperature Enamel), 6500H Mack, Detroit, Mich.

10428—Ovens (Gas & Oil Stove)

Andrews Wire & Iron Works, Rockford, Ill.
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Block I. & Son ("Star", "Block"), 393 Pearl, New York
Boston Stove Foundry Co., 210 Border, Boston, Mass.
Brown Stamping Co., Toledo, O.
Central Oil & Gas Stove Co. ("Florence"), Gardner, Mass.
Clark Geo. M. & Co. ("Clark Jewel"), 179 N. Michigan av, Chicago, Ill.
Connolly Mfg. Co. ("Yankee"), 123 Liberty, New York
Detroit Vapor Stove Co., Detroit, Mich.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Enterprise Mfg. & Cons. Co., 1706 Washington av, Kansas City, Mo.
Geisel A. Mfg. Co. ("Ideal," "New Century," "Ozark"), 219 S 2d, St. Louis, Mo.
Grinberg Bros. ("Eagle"), 154 South, New York
Harris J. Co. (Cooking Acetylene), Cleveland, O.
Hillson Hyman M. Co., Somerville, Mass.
Howes S. M. Co. ("Daylight," Glass Door, "Boston"), 42 Union, Boston, Mass.
Huenefeld Co. ("Boss," with Glass Door), Cincinnati, O.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y..
Kimball-Dietrich Hardware Co. ("Elgin"), Elgin, Ill.
Lawson F. H. Co., Cincinnati, O.
Maehler Paul Co., 2210 W Lake, Chicago, Ill.
Ohio State Stove Co. ("Efficient" Glass Door), Columbus, O.
Reliable Stove Co. ("Reliable"), 1787 E 40th, Cleveland, O.
Savage Stanley Mfg. Co., 414 S Campbell, Chicago, Ill.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Sloan Novelty Mfg. Co. ("Sloan"), S W cor 20th & Wyandotte, Kansas City, Mo.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.
Wheeling Stove & Range Co., Wheeling, W. Va.
Woolwine Metal Products Co., 2421 E 8th, Los Angeles, Cal.

10429—Ovens (Japanning or Baking)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.
Consolidated Car Heating Co. (Electric), Albany, N. Y.
Despatch Mfg. Co. (Electric), 120 1st av, N Minneapolis, Minn.
Gehnrich Indirect Heat Oven Co. (Sectional Portable), Skillman av & Honeywell, Long Island City, N. Y.
Griswold Mfg. Co., Erie, Pa.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Maehler Paul Co., 2210 W Lake, Chicago, Ill.
Meek Oven Mfg. Co. ("Meek"), Newburyport, Mass.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
National Oven Co. (Baking), Beacon, N. Y.
OVEN EQUIPMENT & MFG. CO. ("Crawford" Sectional Ovens & Gas Burner; also Conveyor), New Haven, Conn. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Steiner E. E. & Co. (Gas), So. Orange av, Newark, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
Van Dorn Iron Works Co. (Japanning), 2700 E 79th, Cleveland, O.
Young Bros., 6500H Mack, Detroit, Mich.

THE OVEN EQUIPMENT & MFG. CO.

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"CRAWFORD SECTIONAL" INDUSTRIAL OVENS Heated with Our ENCLOSED FLAME GAS BURNERS, ELECTRICITY or STEAM

Designed and Built to Meet Requirements of Manufacturers

Builders of All-Steel Oven Trucks

10430-1—Ovens (Wire Bluing)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Vaughn Machinery Co. (& Pin Bakers), Cuyahoga Falls, O.
See adv index at end of book
Young Bros., 6500H Mack, Detroit, Mich.

10432—Ovens (Wood Distillation)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Struthers-Wells Co., Warren, Pa.
Young Bros., 6500H Mack, Detroit, Mich.

Oxide of Antimony

See Antimony Oxide

Oxide of Cobalt

See Cobalt

Oxide of Copper

See Copper Oxide

Oxide of Iridium

See Iridium Oxide

10432a— Overalls

Co-Operative Overall Co. ("Co. Co." "Unxld" and Boys "Little Engineer"), 819 Chestnut, Chattanooga, Tenn.
Southern Mfg. Co. ("Cow Hide"), 19 E. 3rd, Charlotte, N. C.

10433— Oxide of Iron

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill,
See adv index at end of book
Atlas Paint Co., Nashville, Tenn.
Avery Chemical Co., Boston, Mass.
Behrend F., Inc., 170 Front, New York
Bowker Chemical Co. (For Gas Purification), 2 Rector, New York
CHRYSTAL CHARLES B. (Red, Imp), 13 Cliff, New York
See adv index at end of book
Connelly Iron Sponge & Governor Co. (For Gas Purification), 227 Fulton, New York
Drakenfeld B. F. & Co. (Red & Black, Imp.), 50 Murray, New York
Fox M. Ewing Co., 241 E 136th, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Commercial Co., Ltd., of U. S. (Imp), 295 B'way, New York
Greenpoint Chemical Works (For Gas Purification), 425 Greenpoint av, Brooklyn, N. Y.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Iron Hydroxide Co. (For Gas Purification) Phila., Pa.
Katzenbach & Bullock Co., 100 William, New York
McNULTY, JOSEPH A. (red), 114 Liberty, New York. *See adv index at end of book*
Mepham Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.
National Sales & Trading Co., Cleveland, Ohio
Osborn C. J. Co. (Reds, Imp), 132 Nassau, New York
Prince Mfg. Co., 165 B'way, New York
Princes' Metallic Paint Co. ("Genuine," Red, Brown & Black), Allentown, Pa.
Reichard-Coulston Co. (Imp.), 303 5th av, New York
Riches, Piver & Co. (Imp.), 80 Church, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Scheel Wm. H. (Imp.), 159 Maiden Lane, New York. *See adv index at end of book*
Smith Alfred, 98 Park pl, New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Standard Silicon Co., Dept. H, Ridgeway, Pa.
Vitro Manfg. Co. (Red and Black), H Bessemer bldg, Pittsburgh, Pa.
Wagner Charles A. Co. Inc. (Indian & Venetian Reds), 222H No. Front, Phila., Pa.
Waldo E. M. & F. ("Oximony") (Selling Agents), 11 B'way, New York
Western Oxide & Specialty Co. ("Western" for Gas Purification), 2117 S Jefferson, Chicago, Ill.
Westmoreland Chemical & Color Co. (Pure), S. E. cor. 22nd & Westmoreland, Phila., Pa.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS C. K. & CO. ("Anchor Brand" Dry), Easton, Pa.
See adv index at end of book

Oxide of Lead

See Litharge

10434-5-6—Oxide of Manganese

Drakenfeld B. F. & Co. (Black, Brown & Recovered, Imp.), 50 Murray, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield, John W., 248 N 10th, Brooklyn, N. Y.
Innis Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Katzenbach & Bullock Co., 100 William, New York
Meyer J & Sons, Bourse bldg, Phila., Pa.
Nat'l. Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.
Roessler & Hasslacher Chemical Co. (Black), 709 6th av, New York
Scheel Wm. H. (Imp.), 159 Maiden Lane, New York *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide of Nickel

See Nickel Oxide

Oxide of Silver

See Silver Oxide

10437— Oxide of Tin

Chrystal Chas. B. (Jobber), 13 Cliff, New York *See adv index at end of book*
Feuchtwanger L. & Co., 74 Cortlandt, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide of Tin Substitute

See Tin Oxide Substitute

Oxide of Uranium

See Uranium Oxide

10438— Oxide of Zinc

American Metal Co., 61 B'way, New York
Am. Zinc Lead & Smelting Co., 120 B'way, New York, & 55 Congress, Boston, Mass.
Ball Brothers Glass Mfg. Company, Muncie, Ind.
Bird J. A. & W. & Co. ("Schmidt & Baus"), 88 Pearl, Boston, Mass.
Chrystal Charles B. (Imp), 13 Cliff, New York *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 440 William, New York
Mallinckrodt Chemical Wks, 2d & Mallinckrodt, St. Louis, Mo.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
National Sales & Trading Co., Cleveland, O.
New Jersey Zinc Co. ("White Seal," "Red "Seal," "Green Seal," "Horsehead," "X X," "Selected," "Lehigh," "Superior," "Standard," "Sterling"), 160 Front, New York
Reichard-Coulston Co. (Imp), 303 5th av, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Rolls, H. J., Ellicott bldg, Buffalo, N. Y.
Scheel Wm. H. (Imported), 159 Maiden la, New York. *See adv index at end of book*
Smith J. Lee & Co. (French Process, Imp), 19 Jacob, New York
Uhlich Paul & Co. (French Process Imp.), 11 Cliff, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide (Red)

See Litharge

10438a— Oxides (Spent)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Marden, Orth & Hastings Co., 136 Liberty, New York

10439— Oxone

Roessler & Hasslacher Chemical Co. (For Producing Oxygen), 709 6th av, New York

10440— Oxy-Acetylene Equipment For Cutting & Welding

Advance Welding Machine Co., 111 N Desplaines, Chicago, Ill.
BASTIAN-BLESSING CO., 125 W. Austin av, Chicago, Ill.
See adv index at end of book
Burdett Mfg. Co., 309 S Johns ct, Chicago, Ill.
Brooks Machine Co. ("Brooks" and Torches), Wichita, Kansas
Fidelity Brass Mfg. Co., 1001 W. Washington blvd., Chicago, Ill.
Johnson A. W. V., Merchants' Exchange bldg, San Francisco, Cal.
MACLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn Alexander Co., 1420 W. Baltimore, Baltimore, Md.
ELECTROLABS CO. (Testing Meters & Gauges), 2635 Penn av, Pittsburgh, Pa.
See adv index at end of book
Salter Motor Mfg. Co., 1516 Oakland av, Kansas City, Mo.
Stolz Jos. & Sons, Inc., 841 E. 136th, New York
Torchweld Equipment Co., 224 N Carpenter, Chicago, Ill.

10440a—Oxy-Hydrogen Apparatus

BASTIAN-BLESSING CO., 125 Austin av, Chicago, Ill.
See adv index at end of book
Burdett Mfg. Co., 309 St. John ct, Chicago, Ill.
ELECTROLABS CO. (Testing Meters & Gages), 2635 Penn av, Pittsburgh, Pa.
See adv index at end of book
Fidelity Brass Mfg. Co., 1001 W. Washington blvd, Chicago, Ill.



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Merchants' Exch. Bldg. San Francisco, Cal.

Electrolabs
ELECTROLYTIC GAS SPECIALTIES

Under the Technical Supervision of Electrolytic Oxy-Hydrogen Laboratories, Inc.

10441— Oxygen

Air Reduction Sales Co., 120 B'way, New York
American Oxhydric Co., ft 32d, Milwaukee, Wis.
American Oxygen Ass'n, 134 Eliot, Boston, Mass.
American Oxygen Co., 2d & Elm, Cincinnati, O.
Beseler Oxygen Co., 131 E 23d, New York
Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.
Bolbach Co., Omaha, Neb.
Braun J. G., 609 S Paulina, Chicago, Ill.
Burdett Mfg. Co., 309 St. John ct, Chicago, Ill.
California Burdett Oxygen Co. ("Purox" Gas), 52nd & Santa Fe av, Los Angeles, Cal.
Carbo-Hydrogen Co. of America (Gas), Benedum Trees bldg, Pittsburgh, Pa.
Chicago Calcium Light Co., 178 N Green, Chicago, Ill.
Chicago Oxygen Gas Co., 1742 W Madison, Chicago, Ill.
Clarke Chem. Co., Wickliffe, O.
Crane Oxygen Wks, 2 W 90th, New York
ELECTROLABS CO. (Generators Only), 2635 Penn. av, Pittsburgh, Pa.
See adv index at end of book
Fels & Co., 73rd & Woodland av, Phila, Pa.
French F. W. Oxygen Co., 305 26th, Oakland, Cal.
International Oxygen Co. (Also Hydrogen, "I. O. C." System), 796 Frelinghuysen av, Newark, N. J.
Johnson, A. W. V. (Cutting & Welding Apparatus, Oxygen Plants & Apparatus), Merchants Exchange bldg., San Francisco., Cal.
K. G. Welding & Cutting Co. (Compressed), 556 W 34th, New York
Kentucky Oxygen Hydrogen Co., 1416 Magazine, Louisville, Ky.
Linde Air Products Co., 30 E. 42nd, New York
Logansport Oxygen Co., Loganport, Ind.
Murray Oxygen Co., 449 W 53d, New York
National Oxygen Co., 105 W Monroe, Chicago, Ill.
Ohio Electrolytic Oxygen Co., 942 Kenyon av, Cincinnati, Ohio
Roessler & Hasslacher Chemical Co., 709 6th av, New York
St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Standard Gas Products Co., Inc. (Compressed), Atlanta, Ga.
Standard Oxygen Co., 216 E 42d, New York
Superior Oxygen Co., 113 Plum, St. Louis, Mo.
Swift & Co. (Oxygen Dept), Union Stock Yards, Chicago, Ill.
Tariff Oxygen & Chemical Co., Tariffville, Conn.
Universal Oxygen Co., Sheboygan, Wis.
Western Oxygen & Gas Products Co., 128 W 2d, Los Angeles, Cal.
White S. S. Dental Mfg. Co., 211 S 12th, Phila., Pa.

Oxymuriate of Antimony

See Antimony Oxymuriate

10442—Packages (Fruit & Vegetables)

Anderson Box & Basket Co., Henderson, Ky.
Anglers Co. (Frog Carrying), 913 W Randolph, Chicago, Ill.
Annett Box Co. ("Autex," "Fancy Round Baskets"), East Joffrey, N. H.
Barden & Robeson Corp., Penn Yan, N. Y.
Baumeister F. & Son, Rockwood, Mich.
Burlington Basket Co. (Double Covered), Burlingon, Ia.
Bryant Mfg. Co. (Wooden), Springfield, O.
Butler Basket Co., (Bamboo, Splint, etc.), Butler, Ind.
Colby-Hinkley Co. (Baskets & Veneers), Benton Harbor, Mich.
Coles & Co. (Jobbers), 115 Warren, New York
Cumberland Fruit Package Co. ("Ewald," Folding), Cumberland, Wis.
Farmers Mfg. Co., Norfolk, Va.
Graham Mfg. Co., Longview, Texas.
Guile & Windnagle, Penn Yan, N. Y.
Hamper & Basket Mfg. Co., Bridgeton, N. J.
Huke Wm. Rattan & Willow Ware Mfg. Co., 1007 S 7th, St. Louis, Mo.
Marvil Package Co., Laurel, Del.
Mullen Bros. Paper Co., St. Joseph, Mich.
New Albany Box & Basket Co. (Splint), New Albany, Ind.
Peru Basket Co. (Bamboo & Splint), Peru, Ind.
Planters Mfg. Co., Portsmouth, Va.
Powhatan Basket & Veneer Co. (Wooden Splint, for Shipping), Norfolk, Va.
Pugh Foundry Co., 19 W Levee, Kansas City, Mo.
Rast P. T. & Sons (Baskets), Swanse, S. C.
Redmon, W. C. Sons & Co., Peru, Ind.
Sanitary Metal Basket Co., Lafayette, Ind.
Standard Basket Mfg. Co., Guntersville, Ala.
Weber Supply & Specialty Co. (Jobbers, Baskets, Packages & Crates), 2250 So. Union av, Chicago, Ill.
Wells-Higman Co. (Also Crates), St. Joseph, Mich.
Yates Lumber Co., Penn Yan, N. Y.

10442a—*Packages (Metal)

See also Cans and Containers

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

Packers (Cement)

See Packing Machines; also Bag Filling Machines

Packers (Flour, Bran & Feed)

See Packing Machines; also Bag Filling Machines

10443—Packers (Linseed & Cottonseed Cake)

French Oil Mill Machinery Co., Piqua, O.
Southern Cotton Oil Co., 120 B'way, New York

10444— Packers (Oil Well)

See also Rubber Goods, Mechanical

Associated Well Supply Co. Inc., 111 Broad, New York. *See adv index at end of book*
Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Dresser S. R. Mfg. Co., Bradford, Pa.
Goodrich B. F. Co., Akron, O.
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Hewitt Rubber Co. (Swab Rubbers), Buffalo, N. Y.
Kane Supply Co., Kane, Pa.
Larkin J. J., Bartlesville, Okla.
Larkin & Co., Butler, Pa.
Larkin J. J., Bartlesville, Okla.
McElwaine Mfg. & Auto Co., Bradford, Pa.
Masseth Packer & Machine Co. ("Masseth's"), Butler, Pa.
NEW YORK RUBBER CO., Reade & Church, New York; Chicago, Ill., 325 W. Randolph; Houston, Texas.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parkersburg Machine Co. ("Parmaco"), Parkersburg, W. Va.
Pennsylvania Rubber Co., Jeannette, Pa.
Pierce Packer Co., Franklin, Pa.
Robinson Packer Co., Tulsa, Okla.
Spang & Co., Butler, Pa.

10445— Packers (Shingle)

De Loach Mill Mfg. Co., Bridgeport, Ala.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Street Bros. Machine Works, Chattanooga, Tenn.
Trevor Mfg. Co., Lockport, N. Y.

10446—Packers (Sub-Surface)

Dunham Co. (Also Surface), Berea, O.
General Asbestos & Rubber Co., Charleston, S. C.
Parlin & Orendorff Co. ("P. & O"), Canton, Ill.

10446a— Packing (Acid)

Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Danubil Co., Inc., Postal Telegraph bldg., New York
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Jenkins Bros., 80 White, New York
Metric Packing Co., 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
United States Rubber Co., 1790 B'way, New York
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10447— Packing (Air)

Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Brawley T. R. (Compressor Felt), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Detroit Leather Specialty Co. (Inc.), ("Wear Well" Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
General Asbestos & Rubber Co., Charleston, S. C.
Goetze Gasket & Packing Co. ("Goetze" & "Goetzerit"), New Brunswick, N. J.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
McQuay-Norris Mfg. Co. ("Leakproof" Piston Head), Cooper & Southwest avs, St. Louis, Mo.
Martell Packings Co., Inc. (Air Compressor), Elyria, O.
Niagara Falls (Ont) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book
Union Asbestos & Rubber Co., 231 S Wells, Chicago, Ill.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10448—Packing (Air Compressor)

Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
McQuay-Norris Mfg. Co. ("Leakproof"), Cooper & Southwest avs, St. Louis, Mo.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10448a— Packing (Ammonia)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Danubil Co., Inc., Postal Telegraph bldg., New York
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Jenkins Bros., 80 White, New York
Simmons John Co., 110 Centre, New York
See adv index at end of book
Vilter Mfg. Co. 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Walker James & Co., 46 West, New York
United States Rubber Co., 1790H B'way, New York
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10449— Packing (Asbestos)

Allen W. D. Mfg. Co., 566 West Lake st., Chicago, Ill. *See adv index at end of book*
American Asbestos Co. (Metallic Sheet, Asbestos Rod, Ring, Wick, Rope & Braided), Norristown, Pa.
AMERICAN INSULATION CO., Roberts av. & Stokley, Phila., Pa.
See adv index at end of book
American Steam Packing Co., 165 High, Boston, Mass.
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Argus Asbestos Co., Inc., Port Chester, N. Y.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America ("Asbestolith"), 58th & B'way, New York
Asbestos Textile Co., 233 B'way, New York
Austin, Mason & Co., 15 Park row, New York
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Boonton Rubber Co. (Hard Rubber & Asbestos Rings), Boonton, N. J.
Carey Philip Mfg. Co. (Asbestos, Air, Ammonia, Hydraulic, Pump, Steam, etc), 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Clinton Mfg. Co., 83 Grand av, Brooklyn, N. Y.
Combination Rubber Mfg. Co. (High Pressure), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp. ("Duplex"), Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Fibre Rock Mfg. Co., 4566 Silverwood, Phila., Pa.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Garlock Packing Co., Palmyra, N. Y.
GASKET SUPPLY CO. ("Right" Superheat, Asbestos Metallic & Mill Board), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos & Rubber Co. ("Garco," "Fibro Metallic," "Valbestine"), Charleston, S. C.
Gillen-Chamber Co., 66 N Front, Portland, Ore.
Goetze Gasket & Packing Co. ("Goetzerit"), New Bruinswick, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodyear Tire & Rubber Co. ("Everlast"), Akron, O.
Horton F. L. Corp. ("Elektra"), 36 Whittier Roxbury, Boston, Mass.
Janos Asbestos Co., 26 Cortlandt, New York
Jenkins Bros., 80 White, New York
Johns-Manville, Inc. ("Kearsarge" Asbestos Metallic Sheet), Madison av. & 41st, New York
Johns-Pratt Co. ("Vulcobeston" Red Fibre, Sheet), Hartford, Conn.

PACKING (ASBESTOS)—continued
Keasbey & Mattison Co., Ambler, Pa.
Metric Packing Co., 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*

METRIC

Style 5—High Pressure Asbestos Piston Packing.
Style 75—For Westinghouse and New York Air Pumps.
Style 100—Braided } Valve Stem
Style 101—Twisted } Packing
Style 190—Asbestos Braided (Graphited and Lubricated).
Style 1000—Compressed Sheet.
Style 1030—Asbestos Metallic.
Style 1500—Asbestos Metallic Gaskets.

Metric Packing Company, Inc.
General Office & Works, Buffalo, N. Y.
New York San Francisco Chicago
Buffalo Boston Pittsburgh
Cleveland New Orleans Detroit
Los Angeles

MIKESELL BROS. CO., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
National Asbestos Packing Mfg. Co., 2 Stone, New York
New Jersey Asbestos Co., 1 Water, New York
Raybestos Co. ("Raybestos"), Bridgeport, Conn.
Schultz Patent Rubber Co. ("Armada"), 52 N. 13th, Phila, Pa.
Standard Asbestos Co., 75 Fulton, New York
STRONG MACHINERY & SUPPLY CO., ("Strong's Tisafine" Grapho Asbestos Valve & Piston Sheet), 292-294 Church, New York *See adv index at end of book*
Union Asbestos & Rubber Co., 231 S. Wells, Chicago, Ill.
United Asbestos & Packing Co. ("Duraco," "Durabestos," "Unapac"), 619-629 Washington blvd., Chicago, Ill.
United States Asbestos Co. ("Usaco," "Carbuline"), Lancaster, Pa.
Vulcan Asbestos Mfg. Co., 95 Broad, New York
Watson H. F. Co., Erie, Pa.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10450—Packing (Asbestos, Metallic, Cloth)

Acme Asbestos Covering & Supply Co., 234 N. Elizabeth, Chicago, Ill.
See adv index at end of book
American Asbestos Co., Norristown, Pa.
Argus Asbestos Co., Inc., Port Chester, N. Y.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America, 58th & B'way, New York
Asbestos Textile Co., 233 B'way, New York
Carey Phillip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos & Rubber Co. ("Garco"), Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Johns-Manville, Inc., Madison av. & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
U. S. Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.

10451— Packing Box Mfrs.

ARKANSAS.

MARIANNA—Miller Lumber Co.

CALIFORNIA.

FRESNO—Fresno Flume & Lumber Co.
SAN FRANCISCO—California Pine Box & Lumber Co., 1st Nat'l. Bk. bldg.
Mercantile Box Co., 318 Market
Pacific Box Factory, Beach nr Mason
Standard Box Co., Bryant & Beale
Wood E. K. Lumber Co., 112 Market

COLORADO.

DENVER—Hallack & Howard Lumber Co.

CONNECTICUT.

BRIDGEPORT—Hoffman H. C. & Co.
HARTFORD—Rockwell John W. & Sons Co.
NEW HAVEN—Hubbell & Mervin Co.
Sperry & Amos Co.

FLORIDA.

JACKSONVILLE—Cummer Lumber Co.

GEORGIA.

ATLANTA—Hightower Box & Tank Co.
Union Box Mfg. Co.
SAVANNAH—Pierpont Mfg. Co.

ILLINOIS.

CHICAGO—Acme Box Co., 1401 W 21st pl
Chicago Mill & Lumber Co., 111 W Washington
Consumers Box Mfg. Co. 925 N Halsted
Excelsior Box Co., 311 S Jefferson
Friedlander Box Co. (New & Second Hand), 1300 W Lake
Goodwillie Bros. (Also Wausau, Wis., & Manistique, Mich.), 10 La Salle
Goodwillie D. M. Co. (Pine & Hardwood), 22nd & Racine av.
Herman K. I. Co., 211 W Washington
Illinois Packing Box Co., 925 W Halsted
Jones, Coates & Bailey, 1014 Hooker
Koenig Edward L. Co. (Steel Collapsible), 23 W Kenzie
Kurz Bros. Co., Blackhan & 1381 N Branch
Lumber Co. (Pine, Hemlock, etc), 2204 Loomis
McNeill, Lauff & McNeill, 925 N Halsted
Monarch Box Co., 925 N Halsted
National Box Co., 38th & Racine av
Rathborne, Hair & Ridgway Co., 2279 S Union av
REPUBLIC BOX CO., 925 N. Halsted
Stinson Box Co., 2129 S Peoria
Tegtmeyer Box & Lumber Co., 1328 S Canal
GENEVA—Pope, Cannon Box Co.
HOOPESTON—Moore & McFerren
KARNAK—Main Bros. Box & Lumber Co.
ROCKFORD—Green Bros. Box & Lumber Co.
SPRINGFIELD—Abbott Bros.

INDIANA.

CRAWFORDSVILLE—Crawfordsville Wire & Nail Co.
ELWOOD—Indiana Box Co.
INDIANAPOLIS—Ballweg & Co.
Dietz Fred Co., 1102 Madison av

KANSAS.

KANSAS CITY—Kansas City Packing Box Co.

KENTUCKY.

LOUISVILLE—Booker Box Co.
Mengel Box Co.
MAYFIELD—Mayfield Planing Mills

LOUISIANA.

BONAMI—King-Ryder Lumber Co.
NEW ORLEANS—Alcus S. T. & Co. (Ltd.), Hagan av & New Basin
Globe Packing Box Co., Washington & I. C. R. R. Crossing
Hasam Box Factory, 621 N Rochebiave av
Pelican Box Factory, Mire & Julian
Powell Box Co. (Ltd.), 115 University place

MAINE.

AUBURN—Conant F. R. Co.
Hutchins H. Wesley Co. (Veneer Boxes)
Page N. L. & Son Co.
BIDDEFORD—Deering J. G. & Son.

MARYLAND.

BALTIMORE—Asendorf Wm. H. & Co., Russell & Stockholm
Becker Bro. & Son, Lexington & Fkd.
Canton Box Co., 2515 Boston
Dreyer H. D. & Co., Aliceanna & Spring
Duker J. H. Box Co., Aliceanna, cor Eden
Fortenbaugh Charles, 636 W Pratt
Louis Henry D., Leadenhall & B & & O RR
Radecke H. F. Sons, Bush & Ridgely
Southern Can Co., 717 S Wolfe
EAST BROOKLYN—East Brooklyn Box Co.
HURLOCK—Thompson G. A. & Sons

MASSACHUSETTS.

ACUSHNET—Acushnet Saw Mills Co.
AMHERST—Angus Nelson E.
BOSTON—Corcoran P. & Son, D. S.
Manwell F. P. & Co. (Dealers), 190 A Snow Abbott L., 406 Border, E. B.
BROCKTON—Bonney E. L. Box Co.
Woodbridge F. L.
CAMBRIDGE—Page Geo. G. Box Co.
CHELSEA—Atwood & McManus Box Co.
Parsons Mfg. Co.
FALL RIVER—Lunan J. & Sons
Varney Isaac & Sons Co.
FITCHBURG—Cook O. S. & Sons Co.
Priest C. A. Lumber Co.
GLOUCESTER—Merchant Box & Cooperage Co.
Perkins Box Co.
GREENFIELD—New England Box Co.
HAVERHILL—Haverhill Box Board Co.
Hayes C. H. Corporation
Island Box Co.
Owens John & Co.
Tapley I. W.
HOLYOKE—Merrick Lumber Co.
LAWRENCE—Dinsmoore Geo. W.
Lawrence Lumber Co.
Pingree D. W. Co.
LOWELL—Allen Otis & Son Co.
Cady Geo. L. & Sons
Cheney Frank P.
Cummings F. G.
Davis & Sargent Lumber Co.
MEDWAY—Medway Box Co.
NATICK—Natick Box & Board Co.
NORTH ADAMS—Dibble S. B. Lumber Co.
OXFORD—Chaffee Bros. Co.
PETERSHAM—Carter J. A.
READING—Symonds O. P. & Sons
SALEM—Irving W. A.
SOUTHBRIDGE—Ide Lumber Co.
SPRINGFIELD—West F. M. Box Co.
TULLY—Gale Conrad H.
WILLIAMSBURG—Bradford G. M.
WORCESTER—Baker Box Co.
Williams & Bridges Co.

MICHIGAN.

BAY CITY—Bay City Box & Crate Co.
Bradley Miller & Co.
Foss E. B.
Handy Bros.
Nickless W. H.
Vance E. J. Box Co. Ltd.
DETROIT—Backus A. Jr., & Son, 393 Lafayette
Beyster John, 875 Wort W
Grigg-Hanna Co., 1240 Michigan av
Restrick Lumber Co., 1016 Vinewood av
Weber J. F. & Co., 304 Gratiot av
Yeomans Box Co., 274 Wight
MENOMINEE—Crawford Mfg. Co.
Fisher Box Co.
MUSKEGON—La Belle Box Co.
Langeland Mfg. Co.
SAGINAW—Mershon Eddy Parker Co.
WHITEHALL—Nufer Cedar Co. (Hardwood Boxes & Crates)

MINNESOTA.

DULUTH—Wallinder E. G.
MINNEAPOLIS—Clark J. R. Co., 2d av N & Aldrich
Coffin's Box & Lumber Co., Nicollet Island
ST. PAUL—Minnesota Box Co., 327 Forest
Osgood & Blodgett Mfg. Co., Duluth av & E 7th
Villaume Box & Lumber Co., Chicago, Indiana avs. & Walter

MISSISSIPPI.

HATTIESBURG—Newman J. J. Lumber Co.
NATCHEZ—National Box Co.

MISSOURI.

KANSAS CITY—Chapman & Dewey Lumber Co., Rialto bldg
Forrester-Nace Box Co., 80 Wyoming
Inman Box Co., 2d & Delaware
United Box Mfg. Inc., Prospect & Guinotte av
ST. JOSEPH—Letts W. T. Box & Cooperage Co.
ST. LOUIS—Alt Box Mfg. Co., 174 Carroll
Cannon Lumber Co., 5054 Garfield av
Chicago Mill & Lumber Co., 200 Chouteau av
Columbia Box Co., 19th & N Market
Fehlig Bros. Box Mfg. Co., 1909 Wash'n
Gaus Henry & Sons Mfg. Co., N Main & Clinton
Goessling Wm. F. Box Co., Blair av & Mullanphy
Heibel P. & Sons, 1452 S 2d
Loy-Lange Box Co., 3d & Russell
Mengel Box Co., Folsom & Lawrence
Olcott Chas. A. Planing Mill Co., 3300 N B'way
Poorman H. B. Box Mfg. Co., 10th & Howard
St. Louis Box Factory, 721 S 2d
Woods & Down, 13th & Mullanphy
SIKESTON—Baker-Matthews Mfg. Co.

NEBRASKA.

OMAHA—Omaha Box Co.

NEW HAMPSHIRE.

EAST JAFFREY—Stratton C. L.
KEENE—Fowler-Norwood Greene Co.
MANCHESTER—Fellows & Son
Hodge Jeremiah Co.
Smith Box & Lumber Co.
West Side Lumber Co.
MILFORD—Peirce W. E. & Co.
NASHUA—American Box & Lumber Co.
ROCHESTER—Champlin Wm. H.
STATE LINE—Damon Walter S.

NEW JERSEY.

CAMDEN—Coles C. B. & Sons Co.
JERSEY CITY—Dodge & Bliss Co., W End
Vanderbeck & Sons, Green
NEWARK—Doolittle Henry N., 31 Bruce
Ripley D. & Sons, 77 Commercial

NEW YORK.

ALBANY—Draper Henry W.
Romeyn T. F. Co.
BUFFALO—Buffalo Box Factory
Elias G. & Bro., 965 Elk
Graves, Manbert George & Co., ft. Hertel av
MacLean Box Factory
Montgomery Bros. & Co.
Niagara Box Co., 820 S Division
Zeis M. & Sons, 200 Cherry
LESTERSHIRE—Lestershire Lumber & Box Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bossert Louis & Son, 1335 Grand
Burdick L. N.
Eckert John A., 314 Pearl
Goodman & Gavin, 248 Metropolitan av
Haws William, 154 9th
Reeves George H., 290 Greene
Richards O. S., Inc., 87 34th
Smith E. C., 420 Oakland

Boroughs of Manhattan and Bronx.

NEW YORK—Armstrong Eliza J., 513 Greenwich
Atlantic Box & Lumber Co., 814 E 5th
Bleg Fred Box Co., 40 Gold
Buse Frederick 421 E 60th
Carroll Box & Lumber Co., 629 E 18th
Dunbar Box & Lumber Co., 282 11th av
Dunning-Varney Corp., 99 Warren
Eckert John A., 314 Pearl
Epstein & Vollweiler, 814 E 5th
ESTES E. B. & SONS (Small), 364 5th av *See adv index at end of book*
Fagan James & Son, 204 W Houston
FitzGerald James H., 532 W 20th
Forest Box & Lumber Co., 405 E 4th New York
Gerow Emma, 450 11th av
Gilmour J. A. Co., 23 Bond
Gottlieb M. & Sons, 20 Clarke
Green A. H. Co., 97 Warren
Greenfield Box Co., 21 Gold
Kidney George, 7 Walker
Manhattan Box Co., 410 E 32d
Merrall F. R. & Co., 505 E 18th
Mitchell & Moffett, 54 Crosby
New England Box Co., Woolworth bldg.
O'Brien & Mosher, 223 Greene
Patterson Thos. G., 637 W 55th
Qua James, 341 W B'way
Rosenthal & Cohen, 53 Great Jones
Ryan M. Packing Box Co., 550 W 29th
Ryan Martin, 132 Mercer
Ryan P., 556 Washington
(End of New York City)
NORTH TONAWANDA—Berry Geo. White, Gratwick & Mitchell
ROCHESTER—Rochester Box & Lumber Co.
Woodstock Mfg. Co. (Nailed or Dovetailed), Dept. H
SYRACUSE—Lyons John H., 548 Canal
Markert Mfg. Co.
Piquet Box & Lumber Co.
TONAWANDA—Wilson Lumber & Box Co.

NORTH CAROLINA.

GOLDSBORO—Empire Mfg. Co. (Re-inforced 3-Ply Veneer)
Utility Mfg. Co. (Three-Ply Veneer)
HICKORY—Hutton & Bourbonnais Co.

OHIO.

BARNESVILLE—Hutchinson E. J.
CINCINNATI—Aman & Sandmann, 18 W McMicken av
Anchor Box Co., Western & Section Fairmount
Conkling E. A. Box Co., 2001 Reading rd
Kenker Fred & Sons, 3904 North Bend rd. Cheviot
McWilliams & Schulte, McLean av & Richmond
Queen City Box Co., Wade, Flint & McLean
CLEVELAND—Acme Box & Lumber Co. 3471 E 49th
American Box Co., 1900 W 3d
Cleveland Box Co.
Dunn James Box Co., 1952 W 3d
Forest City Box Co., 723 Stone's Levee
Hahn J. N. Co., Cuyahoga & W 3d
Smeed Box Co., 1878 Scranton rd
Wiggins Fred B.
COLUMBUS—Rood R. A., Buttles av & Factory
DAYTON—Gondert & Lienesch
LAGRANGE—Ryan H. J.
MARTINS FERRY—La Belle Box Co.
SANDUSKY—American Crayon Co., 1300 Hayes av
TOLEDO—Phoenix Box Factory
Western Manufacturing Co.

OREGON.

PORTLAND—Multnomah Lumber & Box Co., Ft. of Bancroft
Standard Box & Lumber Co., 62 E Water

PENNSYLVANIA.

ALLENTOWN—Allentown Packing Box Co.
CHESTER—Hamilton James M.
HAWLEY—Atkinson Box & Lumber Co.
McKEES ROCKS—Russell W. L. Box & Lumber Co.
MONESSEN—Monessen Box Co.
PHILADELPHIA—Carnwath, Bell & Co., 613 Cherry
Carver E. S. & Son, 914 W Westmoreland
Datz Chas F. Co., Cabot & York
Davidson D. H., 2005 Washn av
Douglass Edwin D., 43 N 5th
Galbraith John (Est. of), 619 Commerce
Henson Edw. F. & Co., 921 N Delaware av
Jones Samuel & Sons, 3207 Sp. Garden
Kees Wm. J., 113 N Orianna
Keystone Box Mfg. Co., 701 E Girard av
Kugler Geo. W. & Sons Co. (Wholesale), 921H New Market
McCauley J. & W., 636 Filbert
Martin John, 1432 N 6th
Meisle G. & Bro., 217 New
Mench S. B. & Co., 2030 E Dauphin
Meyer William, 214 Quarry
Orr Wm. L., 1609 S 19th
Pearson Jos. T., & Sons Co., 1815 E Boston
Philadelphia Packing Box Co., 2624 American
Provident Lumber Co., Water c Dickinson
Rice T. B. & Sons Co., Mifflin st wharf
Shoemaker's J. B. Sons, Front & E Clearfield
Treen Box Co., Tioga & Memphis
PITTSBURGH—Keystone Box Co., 26th & Liberty av
Kress F. J. Box Co., 2930 Liberty av
READING—Deysher Abner S.
SCRANTON—Newman J. J. Lumber Co.

RHODE ISLAND.

PAWTUCKET—Polsey J. N. & Co.
PROVIDENCE—Darling C. P. Co., 415 Charles
Presbrey A. A. & Son Co., Summer
Providence Box & Lumber Co., 1102 Cranston
Talbot Bros. & Horton Co., Grosvenor bldg

SOUTH CAROLINA.

CHARLESTON—Woodstock Mfg. Co.

TENNESSEE.

CHATTANOOGA — Hamilton Lumber & Box Co.
KNOXVILLE—Holston Box & Lumber Co.
MEMPHIS—Anderson-Tully Co.
Jorgensen-Bennett Mfg. Co.
Moore & McFerren
Morgan-West Box Co.
Three States Lumber Co.
NASHVILLE — Lieberman, Loveman & O'Brien

VERMONT.

BENNINGTON—Bingham J. B.
BURLINGTON—Crane W. & D. G. Co.
Hickok Horatio Co.
Robinson Edwards Lumber Co.
RICHMOND—Richmond Lumber Co.

VIRGINIA.

NORFOLK—American Box & Lumber Co.
Norfolk Veneer Co.
PETERSBURG—Virginia Lumber & Box Co.
RICHMOND—Allegheny Box Co., 601 Byrd
Lea David M. & Co. (Pine), 1922 E Maine
Miller Mfg. Co., 7th & Stockton

WASHINGTON.

GOLDEN DALE—Cameron J. E.
SEATTLE—Bennett H. L. Box Factory
Stetson & Post Lumber Co.
TACOMA—Pacific Box Co.

WISCONSIN.

BEAVER DAM—Beaver Silo & Box Mfg. Co.
CATO—Killen W. N.
EAU CLAIRE — Lindermann Box & Veneer Co.
GRAND RAPIDS—Badger Box & Lumber Co.
JANESVILLE—Magee Bros.
MANITOWOC—Drost H. Box Mfg. Co.
Schnorr Bros. Co.
MARINETTE—Republic Box Co.
Marinette & Menominee Box Co.
MILWAUKEE—Beck August C. Co., 1-30 East
Hays George W., 228 5th
Kieckhefer Box Co., 16th St. Viaduct
Mueller & Son Co., 361 Canal
OCONTO—Oconto Co.
SUPERIOR—Superior Box Co.
WASHBURN—Kenfield, Lamoreaux Co.
WATERLOO—Neupert & Budwig
WAUKESHA—Waukesha Mfg. Co.
WAUSAU—Goodwillie Bros.
Wausau Box & Lumber Co.
Wisconsin Box Co.

10452—*Packing (Condenser)

Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Improved), W. Carteret, N. J.
See adv index at end of book

10452a—Packing Flange Joints

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Petrolite"), 154 Nassau, New York.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
WILLIAMS & WELLS CO., 253 Fulton, New York. *See adv index at end of book*

10453— Packing (Flax)

Allen W. D. Mfg. Co. ("Arrow," Emergency"), 566 West Lake st, Chicago, Ill.
See adv index at end of book
American Steam Packing Co., 165 High, Boston, Mass.
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Bailey John T. Co., 19th & Washington. Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Chesterton A. W. Co. ("Egyptian," "Chesterton," "Boston," "Sterling," "Hydraulic"), 64 India, Boston, Mass.
Combination Rubber Mfg. Co. (Standard Square), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co. ("Gilt Edge," "Chicora," "Commercial," "Garco Waterproof," Charleston, S. C.
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Home Rubber Co., Trenton, N. J.
Jackson Thos. & Son Co., Reading, Pa.
Janos Asbestos Co., 26 Cortlandt, New York
Johnson H. Co. (Beaver," "Merino"), ft. of Gates av, Jersey City, N. J.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
METRIC PACKING CO., INC., 244 Kensington av, Buffalo, N. Y.
See adv index at end of book
National India Rubber Co., Bristol, R. I.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Robinson & Jans, Winthrop, Minn.
STRONG MACHINERY & SUPPLY CO. ("Strong's Best"), 292-294 Church, New York. *See adv index at end of book*
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10454—Packing (Flexible Fibre)

Austin, Mason & Co., 15 Park Row, New York
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Dominion Asbestos & Rubber Corp. ("Darcoid" "Flangetite" "Grafite"), 154 Nassau, New York
See adv index at end of book
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Gasket Supply Co. ("Right Vello" for Oils, Chemicals, and Water), 1927 Ludlow, Phila, Pa.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Geotz Gasket & Packing Co., New Brunswick, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Spaulding J. & Sons Co., Inc. (For Oils, Chemicals & Water), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
United Asbestos & Packing Co. ("Duroil"), 619-629 Washington blvd., Chicago, Ill.

Packing (Hard Fibre)

See Fibre, Hard

10455— Packing (Hemp)

Bailey J. T. Co., 19th & Washington, Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.

PACKING (HEMP)—continued
Chelsea Fibre Mills, 212 5th av, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hoover & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading Pa.
Peter & Guckenberger (American & Italian), 1205 Budd, Cincinnati, O.
Plymouth Cordage Co., No. Plymouth, Mass.

10455a—Packing (High Pressure)

Danubil Co. Inc. Postal Telegraph bldg., New York
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Jenkins Bros., 80 White, New York
United States Rubber Co., 1790 B'way, New York
Walker James & Co., Ltd., 46 West, New York
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
WILLIAMS & WELLS CO., 253 Fulton, New York. *See adv index at end of book*

10456— Packing (Hoof)

Atkins & Durbrow, 157 Water, New York
Hollingshead R. M. Co., Camden, N. J.

10457—Packing (Hydraulic)

Anchor Packing Co. ("Ankorite" Waterproof, Flexible, Rubber Cushion, Metal Faced, etc), Lafayette bldg, Phila., Pa.
Austin, Mason & Co., 15 Park Row, New York
Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Chesterton A. W. Co. ("Chesterton Hydraulic Flax"), 64 India, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (Hard & Semi-Hard Rings), Bloomfield, N. J.
Consolidated Belting Co., 3108 Germantown av., Phila., Pa.
Dealers Steam Packing Co., Palmyra, N. Y.
Detroit Leather Specialty Co. ("Wear Well" Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
GASKET SUPPLY CO., 1927 Ludlow, Philadelphia, Pa. *See adv index at end of book*
General Asbestos & Rubber Co. ("Garco," "Chicora," "Gilt Edge," "Garco Waterproof," "Commercial"), Charleston, S. C.
General Asbestos & Rubber Co., Charleston, S. C.
Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co. ("Pearl," "Magnus," "White Seal"), Buffalo, N. Y.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Home Rubber Co., Trenton, N. J.
Imperial Packing Corp., 191 Greenwich, New York
Johnson H. Co. ("Sable," "Johnson's," **"Clay"), ft Gates av, Jersey City, N. J.**
Kendrick Valve & Washer Co., Syracuse, N. Y.
McQuay-Norris Mfg. Co. ("Leakproof" Piston Head), Cooper & Southwest avs, St. Louis, Mo.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg, Chicago, Ill.
See adv index at end of book
Martell Packings Co., Inc., (Metal), Elyria, Ohio
Michigan Leather Packing Co. (Leather), 110 Antoine, Detroit, Mich.
METRIC PACKING CO. INC. ("Metric" Flax, Waterproof Hydraulic & Fine Hydraulic), 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
Muleonroy Co., 54th & Jefferson, Phila., Pa.
National Leather Mfg. Co. (Rawhide Leather), Niles, Mich.
New York Belting & Packing Co. ("Amazon" Waterproof), 91 Chambers, New York
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Steel Mill Packing Co., 240 W. Jefferson, Detroit, Mich.
Strong Machinery & Supply Co. ("Strong's Aquaproof"), 292-294 Church, New York. *See adv index at end of book*
U. S. Rubber Co., 1790 B'way, New York
Walker Chas. W. Sons & Co. (Leather), 274 Market, Newark, N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Western Rawhide & Belting Co. (Rawhide), 600 So. Pierce, Milwaukee, Wis.
Whitehead Bros. Rubber Co., Trenton, N. J.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*
Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10458—Packing (Hydraulic Metal)

Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
McQuay-Norris Mfg. Co. ("Leakproof" Piston Head), Cooper & Southwest avs, St. Louis, Mo.
Martell Packing Co., Inc., Elyria, O.
NIAGARA FALLS (ONT.) GASKET & PACKING CO., Church & Fulton, New York *See adv index at end of book*

10459—Packing (Journal Box)

Austin, Mason & Co., 15 Park Row, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
BRAWLEY T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Railway Journal Packing Co., 233 B'way, New York
Wyoming Yarn Co. ("Wypap," Woolen Yarn), Wyoming, R. I.

10460— Packing (Jute)

Allentown Spinning Co., Allentown, Pa.
American Mfg. Co., Noble & West, Brooklyn, N. Y.
Bailey John T. Co., 19th & Washington, Philadelphia, Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Chelsea Fibre Mills, 212 5th av, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Hooven & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading, Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
METRIC PACKING CO., INC., 244 Kensington av, Buffalo, N. Y.
See adv index at end of book
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
Strong Machinery & Supply Co. ("Strong's" Round Twist Jute), 292-294 Church, New York. *See adv index at end of book*
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Winne F. W. & Son (Tarred & Untarred), 237 Market, Phila., Pa.

10461— Packing (Leather)

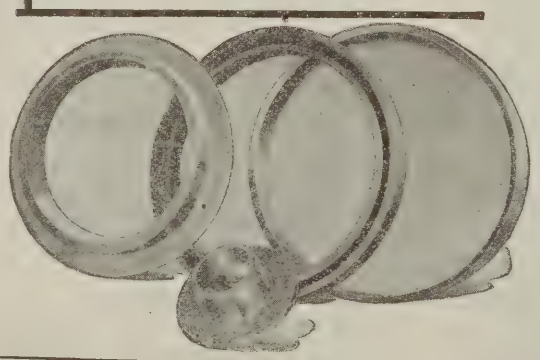
Auburn Leather Goods Co., Auburn, N. Y.
BARWOOD L. J. MFG. CO. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book



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Stoneham 80, BOSTON, MASS.

Chicago Rawhide Mfg. Co. ("Krome"), 1301 Elston av, Chicago, Ill.
Detroit Leather Specialty Co. ("Wear Well," Hydraulic Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Dragon Mfg. Co., Marietta, Ohio
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Graton & Knight Mfg. Co. (Mfrs.), 247 Mission, San Francisco, Cal. & Worcester, Mass.
Houghton E. F. & Co. (Hydraulic "Vim"), 240 W Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
Marsh Chas. W. Co., Muskegon, Mich.
Michigan Leather Packing Co. ("High Grade"), 110 Antoine, Detroit, Mich.

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For Hydraulic Pressure, Compressed Air and Other Purposes Where High Quality Packings Are Required

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Asbestos Piston Packing—
Automobile Polish—
Babbitt Metal—
Auto Lubricant—E-z-ee Slip—
Balata Belt—
Belt Couplings—Chase—
Belting—Leather—
Belting—Cotton—
Rattan Mixed Brooms—
Canvas Hydraulic Packing—
Coal Scoops—Tisafine—
Diaphragms—Rubber—
Screw Drivers—Electric—
Waste Presses—Economy—
Metallic Ring Packing—
Flax Packing—
Packing Stocks—
Packing Hooks—
Scraping Tools—
Engineer's Caulking Chisels—
Filters—Strong's Improved—
Pump Valves—Strong's I. O. P.—
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Rubber Hose—
Valve Discs—
Wiper Towels—

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National Leather Mfg. Co. (Rawhide), Niles, Mich.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book
Robertson Jno. & Co. (Hydraulic), 133 Water, Brooklyn, N. Y.
Southwark Foundry & Machine Co. (Hydraulic), 1128 S. 4th, Phila., Pa.
Strong Machinery & Supply Co. ("Strong's"), 292-294 Church, New York *See adv index at end of book*
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

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231 No. Wells St. Chicago, Ill.

Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.

10462—Packing (Locomotive Rod)

Austin, Mason & Co., 15 Park Row, New York
General Asbestos & Rubber Co., Charleston, S. C.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Martell Packings Co., Inc., Elyria, Ohio
Q. & C. Co., 90 West, New York

10463— Packing Mfrs.

See also Belting & Belt Appliances; also Mill & Factory Supplies; also Mineral Wool; also Pipe & Boiler Coverings, various kinds; also Waste, Cotton & Wool Mfrs.

CALIFORNIA.

LOS ANGELES—Dominion Asbestos & Rubber Corp
See adv index at end of book
Garrett-Callahan Co. ("Swart's"), 30 Fremont
SAN FRANCISCO—Cook H. N. Belting Co. ("Palmetto" Twist, All Asbestos), 401 Howard
Pioneer Rubber Mills ("Victor," "Sunset," "Bay City," "Red Diablo," "Native," "Guardian," "Victor," "Golden Gate," & "Skookum" Diagonal Cross Expansion Piston Rod), 68 Sacramento
Squires & Byrne Rubber Co. ("Comet," "Vesuvius," "Squires," "Ajax" Boiler Gasket)

CONNECTICUT.

HARTFORD—Johns-Pratt Co., The ("Vulcabeston," Round or Flat, for Steam, Water, Gas & Acids, "Vulcabeston," Asbestos Rope, "Vulcabeston Red Fibre" Asbestos, Air, Hot Water, Steam, Ammonia, Acid & Alkali)

DELAWARE.

WILMINGTON—DELAWARE HARD FIBRE CO. (Vulcanized Fibre). Works: Marshallton, Del.
See adv index at end of book
Wilmington Fibre Specialty Co.
YORKLYN—National Fibre & Insulation Co
See adv index at end of book

GEORGIA.

ATLANTA—Dixie Packing Co.

ILLINOIS.

AURORA—Aurora Metal Co. (Metallic)
CHICAGO—Adkins, Young & Allan Co. ("A. Y. A."), 109 N Canal
ADVANCE PACKING & SUPPLY CO. "Mico" Square Flax, "Bestallic," "Adpasco Perfection," "Tenax" & "Egyptian" Flax), 54 E. Lake
ALLEN W. D. MFG. CO. ("Arrow"), 566 W. Lake.
See adv index at end of book
Beltine Chemical & Mfg. Co., 401 N. Sangamon
Cassco Bar Metallic Packing Co. (Metallic), 3559 Lincoln av
Central Asbestos & Magnesia Co., 214 W Grand av
Chicago Engineer Supply Co. ("Salamander," "Boylston," "Graphobesto," "Casco"), 68 W Lake
Chicago Rawhide Mfg. Co. ("Mabbs" Rawhide Hydraulic), 1301 Elston av
Continental Rubber Works (Of Erie, Pa.) ("Continental," "Tribune," "Liberty"), 180 N Market
Crane Co. ("Cranite," "C. C."), 836 S. Michigan av
See adv index at end of book
High Speed Metallic Packing Co. (Metallic), 115 E S Water
Hollow Center Packing Co. ("Hopaca"), 608 S. Dearborn, Chicago Ill.
Jerome-Edwards Metallic Packing Co ("Jerome" Metallic Valve Steam Piston Rod), 80 E Jackson blvd
Mabbs Hydraulic Packing Co., 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
New York Asbestos Co., 203 Front, New York
See adv index at end of book
Salisbury W. H. & Co. (Sheet), 308 N. Madison, Dept H
Specialty Mfg. Co. ("S. M. C." Perpetual Metallic Rope), 14 E Jackson blvd
Swain Lubricator Co. (Metallic), 443 W. 37th
United Asbestos & Packing Co., 619-629 Washington blvd.
Union Asbestos & Rubber Co. (Rubber), 231 S. Wells
Victor Mfg. & Gasket Co., 5750 Roosevelt rd
Western Packing & Supply Co. ("W. P. S." & "Casco" Metallic), 231 N Wells *See adv index at end of book*
Williams-Bowman Rubber Co., 1947 S 54th av

INDIANA.

ANDERSON—Anderson Rubber Works (Rubber)
GOSHEN—Western Rubber Co. (Rubber Sheet)
HUNTINGTON—Schacht Rubber Mfg. Co. (Rubber)
INDIANAPOLIS—Pioneer Brass Works ("Deeds" Metallic)
NEW ALBANY—Bowman D. F. Co. (Railroad)

KENTUCKY.

LEXINGTON—American Metallic Packing Co. (Metallic)
LOUISVILLE—Cook Lee C. Mfg. Co. ("Cook's" Piston Rod, etc)

LOUISIANA.

NEW ORLEANS—Boston Belting Co. (Reliance Machinery & Supply Co., (Rep.), 217 S Peters

MAINE.

PORTLAND—Clark Flexible Metallic Packing Co. (Flexible Metallic)

MARYLAND.

BALTIMORE—Dominion Asbestos & Rubber Corp. ("Darcoid," "Rodtite," "Grafite," "Metal Prince," "Kid Skin," "Petrolite"), 418 East Pratt
See adv index at end of book
TEXAS—Maryland Belting & Packing Co.

MASSACHUSETTS.

BOSTON—American Steam Packing Co. ("Diamond," "Smoky City" & "Favorite," "20th Century"), 165 High
Anderson G. P. & Co. (Engine & Pump), 65 Oliver
Barwood L. J. Mfg. Co. ("Barwood" Leather Felt, Asbestos Cork & Paper), Stoneham 80
See adv index at end of book
Boston Belting Corp. (Piston & Valve Rod "Diagon," "Ammonia," "Metal Insertion," "Noxall," "Forsyth Hollow Square," "Imperial" Round Red Core, "Excelsior," "Roxboro," "Phoenix," "Regular" Square Pump, "Rubber Back"), 84 Linden Park
CHESTERTON A. W. CO. ("Metalbestos," "Lubrobestos," "Vaporite," "Rubberbestos," "Redbestos," "Metal Asbestos," "Sunset," "Pressure Proof" Sectional, "Expansion," "Atlantic," "Combination," "High Pressure," "Live Steam," "Carson," "Perfection," "Russo," "Fiberite," "Metallo," "Monarch," "Bestallic," "Sterling," "India," "Square," "Hydraulic"), 64 India
Curry Bros. Oil Co. ("Superba," "Mica Para," "Mica Asbestos"), 253 Franklin
Eagle Oil & Supply Co. ("Eagleine," Ring Square Flax, Hydraulic, etc), 104 Broad
Federal Metallic Packing Co. (Flexible Metallic Fibred Compound for Ammonia, Air, Steam, Truck Boxes, etc), 48 Hanover
Hart-Edison Packing Co., 234 State
Hart Packing Co. ("Hart" & "Demon" Sheet), 144 High
Ireson C. L. ("Blue Blood"), 221 High
Knowlton Geo. W. Rubber Co. ("Brassite," "G. W. K.," "Hub," "Knowlton," "Manila," "Fraser"), 60 Pearl
Lockwood Mfg. Co. ("Monteagle" Piston Packing), 44 N Market
Merrill Wm. B. & Co. ("Triple" Metallic), Jamaica Plain
Trainer C. W. Mfg. Co. (Asbestos Metallic), 55 High
Walworth Mfg. Co.
CAMBRIDGE—Boston Woven Hose & Rubber Co. (Rubber "Bull Dog," "Tiger," "Red Sheet")
Gould Packing Co. (Ring, etc.)
CHELSEA—Revere Rubber Co. ("Usudurian," "Red Crescent," "Black Hawk," "Samson," "Shawmut," "Beacon," "Giant," "Revere," "Black Cross," "Four Ace," "Harlem," "Hi-Heat," "Paramo" & "1100")
EVERETT—Lubron Co. ("Lubron," "Knowlton," Lubricated & Rubber)
WORCESTER—Graton & Knight Mfg. Co.

MICHIGAN.

DETROIT—Coon-De Visser Co., 1772H, W. Lafayette blvd
Detroit Leather Specialty Co. ("Wear Well" Hydraulic Leather), 275 Beecher av
Michigan Leather Packing Co. (Leather), 110 Antoine
Steel Mill Packing Co. ("Safety" Plastic Metallic), 240 W. Jefferson
Wing J. T. & Co., 19 Woodward av
Wolverine Leather Goods Co. (For Ice Machine, Hydraulic, Flange & "U" Packings), Jefferson & Case avs

MICHIGAN—continued
KALAMAZOO—New Era Mfg. Co. ("New Era" Compressible Self-Lubricating Metallic Engine Packing)
MUSKEGON—Marsh Chas. W. Co.
NILES—National Leather Mfg. Co. (Rawhide Leather, Self-Lubricating)

MINNESOTA.

ST. PAUL—Northern Metallic Packing Co. (Metallic), 253 E 8th
Union Machine Co. (Plunger Plastic Packing), 183 University av
SOUTH STILLWATER—Ideal Metallic Packing Co. ("Ideal" Metallic)

MISSOURI.

KANSAS CITY—Kansas City Rubber & Belting Co., 710 Delaware
ST. LOUIS—Dominion Arbestos & Rubber Corp *See adv index at end of book*
Hoyt Metal Co. ("Faultless" Metallic), Boatmen's Bank bldg
McQuay-Norris Mfg. Co ("Leakproof"), Cooper & Southwest avs
Pilley Flue Brush Co. ("Pilley" Steam & Ammonia), 604 S 3rd

NEBRASKA.

OMAHA—Paxton-Mitchell Co. ("Mitchell," Metallic)

NEW HAMPSHIRE.

DOVER—Williams I. B. & Sons
NORTH ROCHESTER—Spaulding J. & Sons Co. (Fibre)
See adv index at end of book

NEW JERSEY.

BAYONNE—Hudson Packing Co. (Sheet), 67H E. 21st
BLOOMFIELD — Combination Rubber Mfg. Co. ("Dr. Braun's," "Bloomfield," "Indestructene," "Thermopok," also Cloth or Wire Insertion, Sheet, Ring, Round, Square, etc)
BOONTON—Boonton Rubber Co. (Hard Rubber & Asbestos Ring, etc)
CAMDEN—Asbestos & Rubber Wks of N. J. (Asbestos Sheet & Piston)
COLLINGSWOOD — Allen Packing Co. ("Monitor," "Bitous")
HAMILTON SQUARE—Mercer Rubber Co. ("Redbreast," Rubber, Plumbage, Oil Proof, Asbestos, etc)
HAWTHORNE—La Favorite Rubber Mfg. Co. ("Perry," "American," "Golden Rod," "White Deer")
JERSEY CITY—Berkeley Mfg. & Supply Co., 640 Pavonia av
Johnson Henry Co. ("Phoenix," Ring Spiral, Hydraulic, Sheet, Square Flax, etc), ft. Gates av
N. J. Car Spring & Rubber Co., 91 Brunswick
Voorhees Rubber Mfg. Co. ("Nubian," Sheet, "Long Life," "Red Sheets," "Grapho-Bestos," Cloth or wire Insertion Sheet, Spiral, Square Flax, Gum Core, Dry Dock, "Federal," "Union," "Corona," "Power," 18 Bostwick av
NEWARK—Ideal Automatic Governor Co. (metallic), 164 Emmet
NEW BRUNSWICK — Goetze Gasket & Packing Co. (All Kinds for All Purposes, "Goetze," "Goetzerit," "Brunswick," "Rex," "Devo," "No. 2 Elastic," "Stempak" & "Triumph") *See adv index at end of book*
PASSAIC—Manhattan Rubber Mfg. Co. ("White Enamel," "Kertlandt," "Magnet," "Mohican," "Viking," "Fulca," "Torpedo," "Headlight," "Golden Fleece," "Walrus," "Raven," "Delhi," "Carlissi," "Parenite," "Parenito," Sheet Rubber)
TRENTON—Acme Rubber Mfg. Co. ("Favorite," "Equality," "Durable," "Guarantee," "Acme," "Buffalo."
Empire Tire & Rubber Corp. (Rubber, all kinds; "Alabama," "Amazon," "Monitor," "Merrimac," "Paragon," "Empire's Best," "Model," "Sterling," "Eagle," "Diamond," "Vulcan," "Reliance" and "Hercules")
Essex Rubber Co. (Rubber)
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. ("O. I. M.", "Red Rose" & "N. B. O." Rubber)
United & Globe Rubber Co. (Rubber)
Whitehead Bros. Rubber Co. ("C. L." "C. B. S." Rubber, Red Sheet)
Woven Steel & Rubber Co. ("Defender" Rubber, Asbestos, Flax, Hydraulic, Sheet, Diagonal Valve, etc.)
WESTFIELD—Vulcan Asbestos Mfg. Co. ("Vulcan" H. P. Piston Rod, etc.) W North av

NEW YORK.

ALBANY—Albany Rubber Tire Co. (Rubber)
AUBURN—Keystone Leather Packing Co. (Leather), 38-40 Market
BUFFALO—Hewitt Rubber Co. ("Elmwood," "Glenwood" & "Hollywood" Rubber & Sheet)
Lake Erie Mfg. Co. ("Ideal" Pump Valves & Plunger)
Metric Packing Co., 244 Kensington av
See adv. index at end of book

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Buffalo Boston Pittsburgh
Cleveland New Orleans Detroit
Los Angeles

CLIFTON SPRINGS—Judd & Leland Mfg. Co. (Leather)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ambrose Mach. Co. ("Ambrose" Metallic Self-Adjusting Piston), 254 Eagle
American Mfg. Co. (Jute), Noble & West
Booth Felt Co., Inc., 440 19th
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Clinton Mfg. Co., 83 Grand av

Boroughs of Manhattan and Bronx.

NEW YORK—American Huhn Metallic Packing Co. (Metallic), 233 Broadway
Asbestos & Rubber Works of Amer. ("Asbestolith" Sheet & Asbestos Metallic Sheet), 58th & Broadway
Austin, Mason & Co., 15 Park row, New York
Brandt Randolph ("Selden," Square Flap, "Enterprise," "Zena," "Magneto"), 70 Cortlandt
Burgman Feodor ("Burgman's Janos" Plate Asbestos Sheets), 26 Cortland
Colgan Mfg. & Supply Co. ("Colgan," High Pressure & Sheet), 118 Maiden la
Consolidated Packing & Supply Co. (Ammonia, Sheet, Steam & Water), 21 Barclay
Cooley Mfg. Co. ("Omega"), 98 Park pl
Davidson M. T. Co. ("Watson"), 154 Nassau
Dominion Asbestos & Rubber Corp. ("Darioed," "Rodtite," "Grafite," "Metal Prince," "Kid Skin," "Petrolite"), Tribune bldg, 154 Nassau, New York
See adv index at end of book
Durabla Mfg. Co. ("Durabla," Sheet), 114 Liberty
Edgecumbe J. C. & Co. ("Edgecumbe" Elastic Metal), 149 B'way
Empire Rubber & Tire Co. (Rubber, All Kinds), 148 Chambers
Eureka Packing Co. ("Eureka," Rod, etc), 78 Murray
Excelsior Valve Co. (Water), 108 Fulton
Goodyear Rubber Co. & Rubber Clothing Co. ("Pioneer," "Red Wing," "Black Wing," "Everlast Asbestos" & "Gold Seal"), 787 B'way
Greene, Tweed & Co. ("Crescent," "Manhattan," "Palmetto," "Royal" & "Union"), 109 Duane
Gutta Percha & Rubber Mfg. Co. ("Triple Sheet" Pure Gum, Round, Square & Sheet, "Pyramid Blue Stone" & "Red Jacket" High Pressure & Wire Insertion), 126 Duane
Imperial Packing Corp., 191 Greenwich
Janos Asbestos Co. (Asbestos, Engines, Flex, High Pressure, Piston Steam, Superheat Sheet), 26 Cortland
Jenkins Bros. ("Jenkins 96," "Jenarco"), 80 White
Johns-Manville, Inc. ("Vulcabeston," "Kearsarge," "Service," "Sea Ring," "Mogul," "Mobilene," "Hydro," "Liberty" Air Brake Ring, Metallic), Madison av & 41st
Katzenstein Leopold & Co. (Metallic & Flexible Tubular Metallic), 358 West
Koebig, P. W. Estate of, 116 Broad
Magnolia Metal Co., 113 Bank
See adv index at end of book
Maguire Rubber Co., 20 Church
New Jersey Asbestos Co. (Asbestos, Ring, Spiral & Sheet), 1 Water
NEW YORK BELTING & PACKING CO. (Pure Sheet, Cloth Insertion Sheet, "Ruby" Sheet, "Salamanda" Sheet, "Cobbs" Round, Square & Spiral Piston, "Vulcan," "Majic," "Double Diamond," "Tucks," "Karbonite," "Spider," "Firo," "Turxo" High Pressure, 91 Chambers
New York Insulated Wire Co. ("Lightning Non-Tubular"), 84 State, Boston, Mass.
NEW YORK RUBBER CO. (Hot & Cold Water & Steam), Reade & Church, New York. Chicago, Ill., 325 W. Randolph; Houston, Texas.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton
See adv index at end of book
Power Specialty Co. ("Duval" Metallic), 111 B'way
See adv index at end of book
Roberts Geo. L & Bros. (Square, Flax Packing), 471 4th av
STRONG MACHINERY & SUPPLY CO. (Steam, Ammonia, Hydraulic, Asbestos, etc., "Tisafine," "Dichtungsgummi," "Grapho-Asbestos," "Cocheco," "Rivalite," "Wolverine," "Kingfisher - Hydraulic," "Crown," & "Bull Frog Rivalite," "Grapho Rivalite," "Featherlite" Metallic), 292-294 Church
See adv index at end of book
United States Indestructible Gasket Co., Church & Fulton
See adv index at end of book
United States Rubber Co., 1790 B'way
Vanda Co. ("Vanda"), 25th & Madison av
Vulcan Asbestos Mfg. Co. ("Vulvabestos"), 95 Broad
Walker Jas. & Co., Ltd. ("Lion" Steam Metallic), 46 West
Williams & Wells Co., 253 Fulton
See adv index at end of book

(End of New York City)

PALMYRA—Crandall Packing Co. (All Kinds for All Purposes, "Helios," "Helimoi," "Kymoi," "Lip," "Ethiopia," "Wilpaco," "Keeptite," "Phoenix," "Helios Stine," "Permabestos," "Safety," "Buckeye," "Climax," "Rex," "S. S. S.," "Tucks," "W. P. H.," "Southdown," "Motorite," "Blackthorn," "Regina")
Dealers Steam Packing Co. (Hemp & Flax
Garlock Packing Co. (All Kinds for All Purposes)
PORT CHESTER—Argus Asbestos Co., Inc., Dept. H
SYRACUSE—Kendrick Valve & Washer Co. (Leather)
TONAWANDA—Spaulding J. & Sons Co., Inc. (Fibre), P. O. Box 52
See adv index at end of book

OHIO.

AKRON — Akron Metallic Gasket Co. ("Fibrebestos" & "Valvetite" Metallic)
Goodrich B. F. Co. (Sheet, Piston & Valve Rod Packings in All Styles & Grades)
Goodyear Tire & Rubber Co. ("Red Wing" Sheet Rubber)
CINCINNATI—Cincinnati Rubber Mfg. Co. ("Cincinnatus," "Congo," "Fidelity," "Norka," "Norwood," "Old Crow," "Sandow," "Wampus," Rubber)
Dominion Asbestos & Rubber Corp. *See adv index at end of book*
Nuhring Chas. & Bro. ("I. X. L." Spiral, Square Ring, Piston & Sheet, etc.), 1212 Walnut
Peter & Guckenberger, 1205 Budd
CLEVELAND — Consumers' Rubber Co. ("Superior"), 829 Superior
ELYRIA — Martell Packings Co., Inc. The ("20th Century," "Martell," Metallic for Superhead Steam
SPRINGFIELD—Victor Rubber Co. ("Viruco" Sheet, etc)
YOUNGSTOWN—Republic Rubber Corp., Dept. H

PENNSYLVANIA.

AMBLER—Keasbey & Mattison Co. (Cylinder & Steam Asbestos "Battle")
BRADDOCK—Jones Jno. C. Fremont
CHESTER—Harper Mfg. Co. ("Harper" Metallic)
ERIE—Continental Rubber Works ("Tribune," "Continental," "Liberty")
Lake Erie Rubber Co. (Rubber)
Watson H. F. Co. (Asbestos Braided, Piston Rod, Core Wicks, etc)
FRANKLIN—Franklin Mfg. Co. ("Perfection" Resilient Waste for Journal Box, Piston Rod, etc)
JEANNETTE—Pennsylvania Rubber Co. (White Sheet & Wire Insertion, Black Sheet; also Rubber Back Pure Sheet, Diaphragm, etc.)
LANCASTER—United States Asbestos Co. ("Usa-Co." "Carbuline" Asbestos)
NORRISTOWN—American Asbestos Co. (Asbestos Metallic Sheet, Asbestos Rod, Ring, Wick, Rope & Braided)

NORTH WALES—Asbestos Fibre Spinning Co. (Asbestos Rope, Wicks, Sheet, etc)
PHILADELPHIA—Anchor Packing Co. ("Ankorite," "Sedgley," "Allegheny," "Capstan," "Baldwin," "Brooks," "Hydrol"), Lafayette bldg
Belmont Packing & Rubber Co. ("Belmont", Square Flax, Gum Core, Air Pump, Throttle Valve, etc), 133 N 2d
Brown D. P. & Co. (Brown's Oil Proof Ring & Sheet, etc), 264 N 4th
Cancos Mfg. Co. ("Black Squadron" Metallic, "Rising Sun," "Globe," "White Squadron," "Pioneer"), Garden & Bridge
Collins Metallic Packing Co. ("Collins," Metallic) 56 N 2d
Corona Rubber Mfg. Co. (Red Sheet), 400 E. Rittenhouse
Dominion Asbestos & Rubber Corp. ("Darioed," "Rodtite," "Grafite," "Metal Prince," Kid Skin, "Petrolite"), 110 Walnut
See adv index at end of book
Double Service Packing Co., 244 Chestnut
Ehret Magnesia Mfg. Co., Land Title bldg
Endura Mfg. Co. ("Endura" Fibre), 63rd & Eastwick av
Fibre Rock Mfg. Co. (Asbestos), 4566 Silverwood
France Packing Co., Inc. ("France" Metallic Sheet & Bar), 6512 State rd
GASKET SUPPLY CO. ("Right" & "Gasco"), 1927 Ludlow
See adv index at end of book
Goodall Rubber Co., 11th & Arch
Houghton E. F. & Co. ("Vim," Leather), 240 W Somerset
Montgomery Bros., 45 S 2d
Morris Metallic Packing Co. (Piston Rod & Valve Stem Packings), Lehigh av & Mutter
Mulconroy Co. ("Black Jack," "Indian," "Quaker," "Pilgrim," "Puritan," "Thorobred," "Victor," "Admiral" & "Monitor"), 54th & Jefferson
National Mfg. & Engineering Co. (Adjustable Metallic Cushion), 1539 Race
Penna. Petroleum & Supply Co. ("Fibertan"), 115 N 2d
Quaker City Rubber Co. ("Atlantic," "Daniel's P. P. P. Rod," "Ebonite" Black Sheet Packing, "Skihi," "Hercules" & "Delta" Red Sheet, "Kaloric" High Pressure Sheet, Cloth Insertion, Wire Insertion, "Ebonite," "Regal," "Holetite" Spiral "Crown" Spiral & "Valvolite" Valve Stem Packing), 629 Market
Ruwell Wm. F. (Cylinder), 719 Noble
Schlichter Jute Cordage Co. (Jute), 20 N Front
Schultz Patent Rubber Co. ("X-Ray" red rubber), 52 N. 13th
Skipton Valentie Co., 221 Arch
Underwood H. B. Corp. ("St. John" Self-Adjusting Cylinder Packing), 1025 Hamilton
U. S. Metallic Packing Co. ("King," Metallic Piston Rod & Valve Stem, etc), 221 N 13th
Walker Thos. & Sons (Metallic), 4619 Tacony, Fkd.
Walsh Packing Co. ("Black Jack," "W. D. M.," Metal Face, Steam & Water), 304 New
Watt's Jno. M. Sons ("Dirigo," "Nonpareil" & "Keystone"), 54 N 2d
Winne F. W. & Son (Tarred & Untarred Jute), 237 Market
PITTSBURGH—Chaplin-Futon Mfg. Co. ("Rogers"), 34 Penn av
COLONIAL SUPPLY CO. ("Colonial," "Continental"), 217 Water
See adv index at end of book
Flocker Jno. & Co. (Ltd.), Lubricating Hemp), 957 Liberty
Frick & Lindsay Co. (Dealers Only), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Garratt L. W. (Mfrs. Agent), Union Arcade bldg
Pittsburgh Gage & Supply Co. ("Bestovall," "Fort Pitt" Sheet, "Fort Pitt" Spiral), 30th & Liberty av
WILKES-BARRE—Holmes Metallic Packing Co. (Metallic Piston Rod & Valve Stem)

RHODE ISLAND.

BRISTOL—National India Rubber Co. ("Bristol," "National," "Fidelity," "Narragansett," "Stanhope," "N. I. R." Rubber, etc.)
PROVIDENCE — MacWatty Belting Co., 7 Beverly
WYOMING—Wyoming Yarn Co. ("Wypap" Woolen Yarn for Journal Boxes)

SOUTH CAROLINA.

CHARLESTON—General Asbestos & Rubber Co. ("Chicora Commercial," "Ideal," "Garco Waterproof," "Dixie," "Valbestine," "Semi-Bronze," "Morocco," "Sumter," "Gilt Edge," "Hecla," "Semi-Hecla," "Diagonal Expansion," "Hecla-Bronze," "Helicord")

VIRGINIA.

NORFOLK—Dominion Asbestos & Rubber Corp. ("Darcoid," "Rodtite," "Grafite," "Metal Prince," "Kid Skin," "Petrolite"), 8 Governor
See adv index at end of book
RICHMOND—Glacier Metal Co. ("Ribbonized," Metallic), Hull & 22d

WASHINGTON.

SEATTLE—Dominion Asbestos & Rubber Corp. *See adv index at end of book*
Dominion Asbestos & Rubber Corp.
See adv index at end of book

WISCONSIN.

CUDAHY—Federal Rubber Co., The (Rubber, all Grades)
MILWAUKEE—Delaney Oil Co. (Metallic), 47 3rd
Hoyer Engineering Co. (Metallic), 281 Grove
Western Rawhide & Belting Co. (Rawhide) 600 So Pierce
OSHKOSH—Oshkosh Bottle Wrapper Co.
STEVENS POINT—Comee Metallic Packing Co. (Metallic)

10463a— Packing (Marine)

Goetze Gasket & Packing Co. New Brunswick, N. J. *See adv index at end of book*
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg, Chicago, Ill.
See adv index at end of book
Martell Packings Co., Inc., Elyria, Ohio
U. S. Metallic Packing Co., 429 N. 13th, Phila., Pa.

10464— Packing (Metallic)

ADVANCE PACKING & SUPPLY CO. "Adpasco"), 54 E. Lake, Chicago, Ill.
Ambrose Machine Co. ("Ambrose" Self-Adjusting Piston), 254 Eagle, Brooklyn, N. Y.
American Asbestos Co. ("Ambesco" Sheets), Norristown, Pa.
American Huhn Metallic Packing Co. ("Huhn"), 223 B'way, New York
American Metallic Packing Co. (For Steam), Lexington, Ky.
American Steam Packing Co. (Asbesto-Metallic), 165 High, Boston, Mass.
Asbestos & Rubber Works of Amer. (Asbestos, Sheets), 58th & B'way, New York
Aurora Metal Co. ("Lewis & Kunzer" Piston), Aurora, Ill.
Austin, Mason & Co., 15 Park row, New York
Beston Belting Corp. ("Forsyth" Combination), 84 Linden Park, Boston, Mass.
Callossus & Rhodes, 216½ Milton, Shreveport, La.
Cancos Mfg. Co. ("Black Squadron"), Garden & Bridge, Philadelphia, Pa.
Cassco Bar Metallic Packing Co., 3559 Lincoln av, Chicago, Ill.
Clark Flexible Metallic Packing Co. (Flexible Metallic), Portland, Me.
Clinton Mfg. Co., 83 Grand av, Brooklyn, N. Y.
Collins Metallic Packing Co. ("Collins"), 56 N 2d, Phila., Pa.
Colonial Supply Co. ("Colonial"), 414 1st av, Pittsburgh, Pa.
See adv index at end of book
Comee Metallic Packing Co., Stevens Point, Wis.
Cook C. Lee Mfg. Co. ("Cook's," Piston & Corliss Valve Stem, etc), Louisville, Ky.
Crane Packing Co. (Piston Rod), 1800 Cayler, Chicago, Ill.
Davidson M. T. Co. ("Watson's" Piston Rod, etc), 154 Nassau, New York
Detroit Leather Specialty Co. ("Wear-Well Regal"), 275 Beecher av, Detroit, Mich.
Edgecumbe J. C. & Co. ("Edgecumbe" Elastic), 149 B'way, New York
Endura Mfg. Co. ("Durametallic"), 63rd & Eastwick, Phila., Pa.
Eureka Packing Co. ("Ambest"), 76 Murray, New York
Federal Metallic Packing Co. ("Pactite" & Flexible Metallic Fibred Compound), 48 Hanover, Boston, Mass.
France Packing Co., Inc. ("France," "Tip Top" Shredded & Piston & Valve Rod, etc.), 6512 State rd., Phila., Pa.
Garlock Packing Co., Palmyra, N. Y.
General Asbestos & Rubber Co. ("Sumter," Semi-Bronze), Charleston, S. C.
GOETZE GASKET & PACKING CO. "Rex," "Goetze" for Saturated Steam, Cold & Hot Water & for Highest Steam & Water Pressures), New Brunswick, N. J.
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Hammett H. G. ("Trojan" for Piston Rods & Valve Stems), Troy, N. Y.
Harper Mfg. Co. ("Harper"), Chester, Pa.
Hartford Engine Works ("St. John" Self-Adjusting Cylinder), Hartford, Conn.
Hatch E. W. ("Hatch"), 14 L, Boston, Mass.
Hennebohle Frank, 31st & S Chicago av, South Chicago, Ill.
See adv index at end of book
High-Speed Metallic Packing Co. ("Perpetual" High Speed), 115 E S Water av, Chicago, Ill.
Holmes Metallic Packing Co. (Piston Rod & Valve Stem), Wilkes-Barre, Pa.
Hoyer Engineering Co., 281 Grove, Milwaukee, Wis.
Ideal Automatic Governor Co., ("Ideal" Piston & Valve Rod), 164 Emmet, Newark, N. J.
Ideal Metallic Packing Co., South Stillwater, Minn.
Jerome-Edwards Metallic Packing Co. ("Edwards" "Jerome"), 80 E Jackson blvd, Chicago, Ill.
Johnson H. Co. ("Johnson's" Asbestos Metallic Sheet, etc), ft Gates av, Jersey City, N. J.
Katzenstein Leopold & Co., 358 West, New York
Keckley O. C. Co. ("Endurance"), 318 Washington av., Chicago, Ill.
Locomotive Finished Material Co. ("Pakring Metal"), Atchison, Kans.
Lubricating Metal Co. ("Noheet"), 2 Rector, New York
McQuay-Norris Mfg. Co. ("Leakproof" Piston Head), Cooper & Southwest avs, St. Louis, Mo.
Magnolia Metal Co., 113 Bank, New York
See adv index at end of book
Martell Packings Co., Inc. ("20th Century," "Martell," for Hydraulic Service & Gas Engines, Elyria, O.
Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.
Merrill Wm. B. & Co. ("Tripp" for Piston Rods, etc), Jamaica Plains, Boston, Mass.
METRIC PACKING CO., INC. ("Metric" Metal Packings for Horizontal & Vertical Piston Rods), 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
Morris Metallic Packing Co. (Piston Rod & Valve Stem), Lehigh av & Mutter, Phila., Pa.
National Mfg. & Engineering Co. ("American" Adjustable Metallic Cushion), 1539 Race, Phila., Pa.
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
New Era Mfg. Co. ("New Era" Compressible Self-Lubricating Metallic Engine Packing), Kalamazoo, Mich.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, N. Y.
See adv index at end of book
Northern Metallic Packing Co., 253 E 8th, St. Paul, Minn.
Paxton-Mitchell Co. ("Mitchell"), Omaha, Neb.
Power Specialty Co. ("Duval"), 111 B'way, New York *See adv index at end of book*
Revere Rubber Co. ("Giant" & "Samson," Spiral Piston, etc), Chelsea, Mass.
Specialty Mfg. Co. ("S. M. C." Perpetual Rope), 14 E Jackson blvd, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York
Steel Mill Packing Co. ("Safety" Plastic Metallic), 240 W. Jefferson, Detroit, Mich.
STRONG MACHINERY & SUPPLY CO. ("Strong's Rivalite" Metallic Loop & Semi-Metallic), 292-294 Church, New York. *See adv index at end of book*
Swain Lubricator Co. (For All Engines, Pumps, Superheated Steam, etc), 443 W 37th, Chicago, Ill.
Trainer C. W. Mfg. Co. ("Asbestos Metallic"), 55 High, Boston, Mass.
United Lead Co. ("Ulco" Lead Wool), 111 B'way, New York
U. S. Metallic Packing Co. ("King" Piston Rod & Valve Stem, etc.), 429 N. 13th, Phila., Pa.
U. S. Indestructible Gasket Co. ("Ames Alloy"), Church & Fulton, New York
See adv index at end of book
United States Rubber Co., 1790 Broadway, New York
Walker James & Co. (Ltd.), ("Lion"), 46 West, New York
Walker Thos. & Sons, 4619 Tacony, Fkd., Phila., Pa.
Walsh Packing Co., 304 New, Phila., Pa.
Watson H. F. Co. (Asbestos), Erie, Pa.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
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WESTERN PACKING & SUPPLY CO.
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Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

10464a—Packing (Oil, Water & Gas)

BRAWLEY T. R. (Oil, Felt), 275 20th, Brooklyn, N. Y
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Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
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PACKING (OIL, WATER & GAS)—cont.
General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Mabbs Hydraulic Packing Co. (Oil & Water), 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
NIAGARA FALLS (ONT.) GASKET & PACKING CO. ("Niaquatite," a sheet packing for oil, water, air, gas, etc), Church & Fulton, New York
See adv index at end of book
Union Asbestos & Rubber Co., 231 S Wells, Chicago, Ill.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10465—Packing Pads (Excelsior)

BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass., & 11th av & 29th, New York
Excelsior Wrapper Co., Sheboygan, Wis.

10465a— Packing (Piston Rod)

See Packing, Metallic; also Packing Manufacturers

General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
Schultz Patent Rubber Co. ("Tucks"), 52 N 13th, Phila., Pa.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10466— Packing (Pump)

Barwood L. J. Mfg. Co. ("Barwood" Leather Felt & Fibre), Stoneham 80, Boston, Mass. *See adv index at end of book*
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Continental Fibre Co. (Fibre), Newark, Del.
See adv index at end of book
Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*
Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
NIAGARA FALLS (ONT.) GASKET & PACKING CO., Church & Fulton, New York
See adv index at end of book
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10467-8—Packing (Rawhide)

Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Janesville Products Co., Janesville, Wis.
National Leather Mfg. Co. (Self-Lubricating), Niles, Mich.
Mabbs Hydraulic Packing Co. ("Mabbs"), 421 Manhattan bldg, Chicago, Ill.
See adv index at end of book



MABBS RAWHIDE PACKING
Most pliable and durable packing made. Never gets hard. Is **ANTIFRICTIONAL.** The saving in power will pay for the packing in a short time.
MABBS HYDRAULIC PACKING CO.
421 Manhattan Building, Chicago, Ill.

Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book
STRONG MACHINERY & SUPPLY CO. ("Strong's" Square Plated Rawhide), 292-294 Church, New York
See adv index at end of book
Western Rawhide & Belting Co. (White Rope), 600 So Pierce, Milwaukee, Wis.

Packing (Red Sheet)

See Packing Sheet

10469—Packing (Resilient Waste)

Franklin Mfg. Co. ("Perfection, for Journal Box, Piston Rod, etc), **Franklin, Pa.**
Imperial Packing Corp., 191 Greenwich, New York

10470—Packing (Ring & Spiral)

American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.
American Steam Packing Co., 165 High, Boston, Mass.

Anchor Packing Co. ("Senator"), Lafayette bldg, Phila., Pa.
Anderson G. P. & Co., 65 Oliver, Boston, Mass.
Boonton Rubber Co. (Hard Rubber & Asbestos), Boonton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Brawley T. R. (Felt for Various Purposes), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Brown D. P. & Co. (Brown's Oil Proof), 264 N 4th, Phila., Pa.
Cancos Mfg. Co. "Black Squadron"), Garden & Bridge, Phila., Pa.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Clinton Mfg. Co., 83 Grand av, Brooklyn, N. Y.
Combination Rubber Mfg. Co. ("Indestructene," "Bloomfield" Sectional & Plain), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
Dealers Steam Packing Co. (Devil Skin" Superheated Steam), Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
Durabla Mfg. Co. ("Durabla" Superheated Steam, Oil & Water), 114 Liberty, New York
Empire Tire & Rubber Corp., ("Empire's Best," "Model," "Sterling," "Reliance," "Hercules," "Eagle," "Diamond" & "Vulcan"), Trenton, N. J.
EVER-TYTE PISTON RING DIVISION, Walter A. Zelnicker Supply Co., 1600 Kingsland av, St. Louis, Mo.
See adv index at end of book
Federal Metallic Packing Co. (Flexible Metallic), 48 Hanover, Boston, Mass.
Garlock Packing Co., Palmyra, N. Y.
General Asbestos & Rubber Co. ("Garco," "Helicord," "Semi-Bronze," "Hecla"), Charleston, S. C.
Goetze Gasket & Packing Co. ("Ideal"), New Brunswick, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Gould Packing Co., Cambridge, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Ideal Metallic Packing Co. ("Ideal," Metallic), S Stillwater, Minn.
Imperial Packing Corp., 191 Greenwich, New York
Jerome-Edwards Metallic Packing Co., 80 E Jackson blvd, Chicago Ill.
Johns-Manville Inc. (Wick & Rope), Madison av & 41st, New York
Johnson Henry Co. ("Alden," "Moreland," "Remora," " Waldo," "Sable," "Clay," "Johnson's"), ft. Gates av, Jersey City, N. J.
Knowlton Geo. W. Rubber Co. "G. W. K." (And Spiral, Square & Round), 60 Pearl, Boston, Mass.
McQuay-Norris Mfg. Co. ("Leakproof" Piston Head), Cooper & Southwest avs, St. Louis, Mo.
Martell Packings Co., Inc., Elyria, O.
METRIC PACKING CO., INC. (All kinds of Packing in Spiral Form), 244 Kensington av., Buffalo, N. Y.
See adv index at end of book
Michigan Leather Packing Co. (Leather), 110 Antoine, Detroit, Mich.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
New Jersey Asbestos Co., 1 Water, New York
New York Belting & Packing Co. (Rubber), 91 Chambers, New York
Niagara Falls (Ont.) Gasket & Packing Co. (Ring), Church & Fulton, New York *See adv index at end of book*
Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
Quaker City Rubber Co. ("P. P. P.," "Donkey," "Crown"), 629 Market, Phila., Pa.
Revere Rubber Co. ("Revere," Lubricated) Chelsea, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's Veri Best" Extra High Pressure Piston & Valve Rod), 292-294 Church, New York
See adv index at end of book
U. S. Metallic Packing Co., 429 N 13th, Phila., Pa.
United States Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Wing J. T. & Co., 19 Woodward av, Detroit, Mich
Young C. C. (Ring), Jersey Shore, Pa.

10471—Packing (Rod & Plunger)

Barwood L. J. Mfg. Co. ("Barwood" Leather), Stoneham 80, Boston, Mass.
See adv index at end of book
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
Field, R. B. & Co. ("Fields"), Worcester, Mass.
General Asbestos & Rubber Co., Charleston, S. C.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Imperial Packing Corp., 191 Greenwich, New York
Johns-Manville Inc. ("Sea Rings," "Mogul," "Kearsarge," "Universal"), Madison av & 41st, New York
Keckley O. C. Co. (Semi-Metallic Rod), 318 Washington, Chicago, Ill.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg., Chicago, Ill.
See adv index at end of book
Quaker City Rubber Co. ("Dragon," "Krusader," "Liberty Bell," "Made," "P.P.P.," "1776," "Uncle Sam" & "Valley Forge" Rod Packing), **629 Market, Phila., Pa.**
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book

10472— Packing (Sheet)

Adkins, Young & Allen Co. ("A. Y. A."), 109 N Canal, Chicago, Ill.
ADVANCE TACKING & SUPPLY CO. ("Bestallic"), 54 E Lake, Chicago, Ill.
Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.
Anchor Packing Co. (Hydroil "Tauril," "Ankorite," "Asbestine"), Lafayette bldg, Phila., Pa.
Argus Asbestos Co. Inc. ("Permanite"), Dept. H, Port Chester, N. Y.
Asbestos Fibre Spinning Co. ("Fibo" Asbestos Cloth & Brass Wire), North Wales, Pa.
Austin, Mason & Co., 15 Park Row, New York.
Belmont Packing & Rubber Co. ("Belmont"), 133 N 2nd, Phila., Pa.
Boston Belting Corp. ("Roxboro," "Champion," "Crescent," "Nox-en-all," "Black Diamond," "Elmwood," "Phoenix," "Trimount," "Flexite," "Regular"), 84 Linden Park, Boston, Mass.
Brawley T. R. (Felt for Various Purposes), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Burgin & Co. Inc. ("Likehyde" & Fibre), 487 B'way, New York
Burgmann Feodor ("Janos"), 26 John, New York
Cancos Mfg. Co. ("Black Squadron," "Pyramid"), **Garden & Bridge, Phila., Pa.**
Chesterton A. W. Co. ("Redbestos," "Rubberbestos," "Vaporite," "Russo," "Fiberite" Metal Asbestos),64 India, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Clinton Mfg. Co., 83 Grand av, Brooklyn, N. Y.
Colonial Supply Co. ("Colonial," "Continental"), 414 1st av, Pittsburgh, Pa.
See adv index at end of book
Combination Rubber Mfg. Co. ("Red Diamond," "Blue Diamond" & Wire Insertion, Diaphragm, etc), Bloomfield, N. J.
Consolidated Packing & Supply Co. ("Adamite," "Consolco"), 21 Barclay, New York
Continental Rubber Works ("Tribune"), Erie, Pa.
Corona Rubber Mfg. Co., 400 E Rittenhouse, Phila., Pa.
Crandall Packing Co. ("Ethiopia," "Helois," "Regina"), Palmyra, N. Y.
Dealers Steam-Packing Co., Palmyra, N. Y.
DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Sovereign," "Dominion," "Regent," "Old Dominion," "Domino," "Grafite," "Flangetite," "Petrolite," "Squadron"), 154 Nassau, New York. *See adv index at end of book*
Double Service Packing Co., 244 Chestnut, Phila., Pa.
Durable Mfg. Co. ("Durabla" Superheated Steam, Oil & Water), 114 Liberty, New York
Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Merrimac," "Monitor" & "Paragon"), Trenton, N. J.
Endura Mfg. Co., 63d & Eastwick, Phila., Pa.
Essex Rubber Co., Trenton, N. J.
Eureka Packing Co., 78 Murray, New York
France Packing Co., 6510 State rd, Tacony, Phila., Pa.
Garlock Packing Co. ("Garlock"), Palmyra, N. Y.
Garratt-Callahan Co. ("Swart's"), 30 Fremont, San Francisco, Cal.
GASKET SUPPLY CO. ("Right" Cloth Inserted-Red Rubber & Oil Proof), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos & Rubber Co. ("Aurora," Red "Morroco," Black "Semi-Bronze," "Calibestos," "Pyroid," "Petrobestos," Charleston, S. C.
GOETZE GASKET & PACKING CO. ("Goetzerit"), New Brunswick, N. J.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co. ("Goodyearite," "Red Wing"), Akron, O.
Gould Packing Co. ("Gould's"), E. Cambridge, Mass.
Gutta Percha & Rubber Mfg. Co. (Red & Black Cloth Insertion & Pure Gum), 126 Duane, New York
Hamilton Rubber Mfg. Co. ("Perfection"), Trenton, N. J.

Hart Packing Co. ("Demon"), 144 High, Boston, Mass.
Hewitt Rubber Co. ("Linwood" Self-Vulcanizing, "Red Skin," "Magnus," "Oriole" Red Sheet & "Hewitt" Black Sheet), Buffalo, N. Y.
Hollow Center Packing Co. ("Ovalhole"), 608 S Dearborn, Chicago, Ill.
Home Rubber Co. ("Original Black," "N. B. O."), Trenton, N. J.
Hudson Packing Co., 67H E 21st, Bayonne, N. J.
Imperial Packing Corp., 191 Greenwich, New York
Jenkins Bros. ("Jenkins 96," "Jenarco," Oilite, Compressed Asbestos Magnolia), 80 White, New York
Johns-Manville Inc. ("Mobilene," "Kearsarge," "Liberty," "Vulcabeston"), Madison av & 41st, New York
Johns-Pratt Co. ("Vulcobeston" Red Fibre), Hartford, Conn.
Johnson H. Co. ("Brandon," "Black Jack," "Alligator," "Johnson's"), ft. Gates av, Jersey City, N. J.
Keckley O. C. Co. ("Pocahontas," "Triangle"), 318H Washington av, Chicago, Ill.
Knowlton G. W. Rubber Co. ("G. W. K.," "Hub"), 60 Pearl, Boston, Mass.
METRIC PACKING CO., INC., (Style 1000 Superheat Sheet, Style 1010 Red Sheet, Style 1020 Black Sheet, Style 1030 Asbestos Metallic), 244 Kensington av, Buffalo, N. Y. *See adv index at end of book*
Mercer Rubber Co. ("Redbreast," Asbestos, (Rubber with Cloth Insertion), Hamilton Sq., N. J.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
National India Rubber Co. ("N. I. R." Red), Bristol, R. I.
New Jersey Asbestos Co., 1 Water, New Jersey
New Jersey Car Spring & Rubber Co. ("Carspring," "Red Oak"), 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. ("Salamanda," "Indestructible," "Karbonite," "Ruby"), 91 Chambers, New York
NEW YORK RUBBER CO. (Red & Black), Reade & Church, New York: Chicago, Ill., 325 W Randolph, Houston, Texas
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book
Nuhring Chas. & Bros. ("I.X.L."), 1212 Walnut, Cincinnati, O.
Pennsylvania Rubber Co. ("Century" White Pure Sheet Rubber, "Creole" Black Sheet, etc), Jeannette, Pa.
Pioneer Rubber Mills ("Native Wire Inserted," "Red Diablo," "Reliance," "Red Snookum," "Sunset"), 66 Sacramento, San Francisco, Cal.
Quaker City Rubber Co. ("Ebonite" black sheet packing, "Skihi," "Hercules" & "Delta" red sheet packing "Kaloric" high pressure), 629 Market, Phila., Pa.
Republic Rubber Co. ("Invader"), Youngstown, O.
Revere Rubber Co. ("Black Cross," "Back Hawk," "Eagle," "Usurdurian," "Giant Red Crescent," "Paramo," "Revere"), Chelsea, Boston, Mass.
Rubber Fibre Co. ("Elasto"), 560 First, Boston, Mass.
Salisbury W. H. & Co. ("Congo," "Malan Hevea," "Salisbury," "Royal-White"), 308 N Madison, Chicago, Ill.
Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P. Dichtungsgummi"), 292-294 Church, New York
See adv index at end of book
Trainer C. W. Mfg. Co. ("Olympia," "Vulcafibron"), 55 High, Boston, Mass.
United Asbestos & Packing Co. ("Durabestos" Auto), 619-629 Washington blvd, Chicago, Ill.
United & Globe Rubber Co., Trenton, N. J.
Victor Rubber Co. ("Viruco"), Springfield, O.
Vulcan Asbestos Mfg. Co. ("Hercules"), 95 Broad, New York
Watts John M. Sons ("Dingo Red," "Watts Oil Proof"), 54 N 2d, Phila., Pa.
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Western Rubber Co. ("C. I.," "C. B. S.," "C. O. S."), Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*
Woven Steel Hose & Rubber Co., Trenton, N. J.

10472a— Packing (Steam)

See also Packing Various kinds

Brown F. H. Packing Co., 623 Cherry, Phila., Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
DOMINION ASBESTOS & RUBBER CORP., 154 Nassau, New York
See adv index at end of book
Consolidated Packing & Supply Co., 21 Barclay, New York
General Asbestos & Rubber Co., Charleston, S. C.
Jones Packing Co., 50 Church, New York
GOETZE GASKET & PACKING CO., New Brunswick, N. J.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
NIAGARA FALLS (ONT.) GASKET & PACKING CO. ("Klingtite"), Church & Fulton, New York
See adv index at end of book
Phoenix Steam Packing Co., Gates av & Boulevard, Jersey City, N. J.
Martell Packings Co., Inc. (Steam Engine, Metal), Elyria, O.
U. S. Metallic Packing Co., 429 N 13th, Phila., Pa.
UNION ASBESTOS & RUBBER CO., 231 S Wells, Chicago, Ill.
See adv index at end of book
United States Rubber Co., 1790 Broadway, New York
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
WILLIAMS & WELLS CO., 253 Fulton, New York. *See adv index at end of book*

10473-4— Packing Sticks

Strong Machinery & Supply Co. ("Strong's Excelsior"), 292-294 Church, New York. *See adv index at end of book*

10475—*Packing (Vulcanized Fibre)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
General Asbestos & Rubber Co., Charleston, S. C.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

10476—Packing (Weather Strip)

Bosley D. W. Co. (For Refrigerators, Ice Boxes, etc.), 122 S Michigan av, Chicago, Ill.
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
United States Rubber Co., 1790 Broadway, New York

10477—Packing (Wire Rope Pulley)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book

10478— Packing (Yarn)

Wyoming Yarn Co. ("Wypak" Woolen for Journal Boxes, etc.), Wyoming, R. I.

10479— Pad Screws

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

10480— Padding (Table)

Knitted Padding Co. (Knitted Cotton), Canton Junction, Mass.

10481— Paddles (Beater)

Menasha Mfg. Co. (For Paper Mills), Menasha, Wis.

10482— Paddles (Canoe)

N. Y. Boat Oar Co., 69 West, New York

10483—Paddles (Mustard)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847
E. B. ESTES & SONS Manufacturers of
Mustard Paddles, Boxwood and Maple, Plain or Printed
Also Mustard Spoons. Automatic Lathe Turnings.
364 5th Ave. New York City

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Padlocks

See Locks, Padlocks

10484— Padlocks (Pole)

Fletcher Mfg. Co., Dayton, Ohio

10485— Pads (Calendar)

Anderson W. J. & Co., 341 B'way, New York
Elliott Chas. H. Co., 17th & Lehigh av, Phila., Pa.
General Advertising Co., Reading, Pa.
Goes Lithographing Co., 42 W 61st, Chicago, Ill.
Kimpton Ed. Co., 60 John, New York
National Art Works (Daily), Covington, Ky.
Southgate Press ("Acme"), 87 Broad, Boston, Mass.
Stern Edward & Co., 140 No 6th, Phila., Pa.
Sullivan Printing Works Co., Cincinnati, O.
Tower Mfg. & Novelty Co., 326 B'way, New York
Weeks Frank A. Mfg. Co., 93 John, New York

10486—Pads (Carriage Step)

Keystone Forging Co. (Wrought Iron), Northumberland, Pa.

10487— Pads (Chair)

Advance Felt & Cutting Co., 330 S Jefferson, Chicago, Ill.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Boston Excelsior Co., 562 W 29th, New York City
Excelsior Wrapper Co., Sheboygan, Wis.

KLINGTITE
Compressed Asbestos High Pressure
SHEET PACKING
Known and Used the World Over
NIAGRATITE SHEET PACKING
For Oils, Water, Air, Gas, Etc.
NIAGARA FALLS (Ont.) GASKET & PACKING CO.
Fulton and Church Streets, New York City

PADS (CHAIR)—continued
Fox Geo. E. Co. (Felt), 35 W Kinzie, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Non Shine Pad Co. ("Non Shine"), 105H N Marshall, Phila., Pa.
Oshkosh Bottle Wrapper Co. **(& Furniture Pads), Oshkosh, Wis.**

10488— Pads (Coach)

Standard Coach Pad Co., Wooster, O.

10488a—*Pads (Copying Book)

Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*

10488b— *Pads (Desk)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Ravenswood Office Specialties Co. ("Ravenwood," "Rosco" Glass), 1800 Newport av, Chicago, Ill.
Stimpson Edwin B. Co. (Corners For), 852 Kent av, Brooklyn, N. Y.

10488c—Pads (Excelsior Packing)

Atlantic Excelsior Mfg. Co. Inc., 507 W 30th, New York
BOSTON EXCELSIOR CO., 562 W 29th, New York
EXCELSIOR WRAPPER CO., Sheboygan, Wis.
EXCELSIOR WRAPPER CO., Grand Rapids, Mich.
EXCELSIOR WRAPPER CO., 224 W Kinzie, Chicago, Ill.

10488d— *Pads (Felt)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Brawley T. R. (Axle), 275 20th, Brooklyn, N. Y. *See adv index at end of book*

10489—Pads (Horse Collar)

American Pad & Textile Co., Greenfield, O.
Burlington Blanket Co. ("Ventiplex"), Burlington, Wis.
Curtis-Dexter Co. ("Boss" Zinc Lined, "Curtis" Leather), Madison, Wis.
Gall Cure Collar Pad Co. ("Gall-Cure"), Richmond, Ind.
Harsh-Miller Mfg. Co. ("Wabash"), Wabash, Ind.
Meyer Corpn., The, Morton, Ill.
Perforated Pad Co., Woonsocket, R. I.
Perkins-Campbell Co., 622 B'way, Cincinnati, O.
Zink Collar Pad Co. ("Star" Zinc & Leather), Buchanan, Mich.

10490—Pads (Horse Shoe, Leather)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Graton & Knight Mfg. Co., Worcester, Mass.

10491— Pads (Packing)

Boston Excelsior Co., 562 W 29th, New York City
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Excelsior Wrapper Co., 224 W Kinzie, Chicago, Ill.
Maish Chas. A. Co. (Furniture), 1135 Bank, Cincinnati, O.
Oshkosh Excelsior Mfg. Co. (Furniture), Oshkosh, Wis.
Page Geo. G. Box Co. (Corrugating Packing), Cambridge, Mass.
Philadelphia Excelsior Co., 716 N 3rd, Phila., Pa.
Rochester Pad & Wrapper Co., Rochester, N. Y.
Selle H. W. & Co. (Furniture), 1000 N Halsted, Chicago, Ill.
Sheboygan Pad Co. (Furniture), Sheboygan, Wis.

10492— Pads (Stamp)

Kee Lox Mfg. Co., Rochester, N. Y.
Keystone Stationery Mfg. Co. ("Never Smear"), 539 Wood, Pittsburgh, Pa.
Laughton Pad Co., Westfield, Mass.
Superb Stamp Pad Co., Auburn, N. Y.
Swisher R. D. Mfg. Co., 415H S Clinton, Chicago, Ill.
Volger B. G. Mfg. Co. ("Excelsior," "New Departure"), Passaic, N. J.

10493— Pads (Sweat)

American Pad & Textile Co., Greenfield, O.
Burlington Blanket Co. ("Ventiplex), Burlington, Wis.
Powers Mfg. Co., Waterloo, Ia.
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.
Schwahn-Seybeth Mfg. Co., Eau Claire, Wis.
Southern Sweat Pad Co., Evansville, Ind.

10494— Pads (Telephone)

Atwater S. L. ("Ever Ready"), 101 Lafayette New York

10495— Pads (Tire Repair)

Empire Tire & Rubber Corp., Trenton, N. J.

10495a— Pads (Truss)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10496— Pads & Tablets

Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.
Affleck Ruling & Stationery Co., Holyoke, Mass.
American Pad & Paper Co., Holyoke, Mass.
Am. Papeterie Co., Dept H, Albany, N. Y.
Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Baughman Stationery Co., 1322 W Broad, Richmond, Va.
Bell Book & Stationery Co., 914 E Main, Richmond, Va.
Birnie Paper Co., Springfield, Mass.
Blade Printing & Paper Co., Toledo, O.
Blair J. C. Co., Huntingdon, Pa.
Blake-McFall Co., E 3rd, Portland, Ore.
Boorum & Petase Co., 109 Leonard, New York
Central Paper & Tablet Co., Indianapolis, Ind.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Cupples Samuel Envelope Co., 6th & Cerre, St. Louis, Mo.
De Pere Tablet Co., De Pere, Wis.
Earl M. J., Reading, Pa.
Eastern Tablet Co., Albany, N. Y.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Eau Claire Book & Stationery Co., Eau Claire, Wis.
Essex Pad & Paper Co., Holyoke, Mass.
Fisher Bros. Paper Co., Fort Wayne, Ind.
Garden City Tablet Co., Elkhart, Ind.
Hartman E. F. Co., Springfield, Ill.
Highland Mfg. Co., Holyoke, Mass.
Holm G. A. & Bro., Mansfield, O.
Hopper Paper Co., Johnsonburg, Pa.
Hurd Geo. B. & Co., 425 Broome, New York
Illinois Printing Co., Danville, Ill.
Indiana Paper Co., Indianapolis, Ind.
Johnstown Tribune Publishing Co., Johnstown, Pa.
Judd Paper Company, Holyoke, Mass.
Kalamazoo Stationery Co., Kalamazoo, Mich.
Ketcheson J. C., Leavenworth, Kan.
Kistler W. H. Stationery Co., Denver, Colo.
Lesh C. P. Paper Co., Indianapolis, Ind.
Leslie John Paper Co., 3rd av S & 5th, Minneapolis, Minn.
Longwell-Cummings Co., Loganport, Ind.
Lowman & Hanford Co., Seattle, Wash.
McClellan Paper Co., 700 S 4th, Minneapolis, Minn.
McIntosh Jno. L., 185 Franklin, Boston, Mass.
Mann Herbert R. & Co., Troy, N. Y.
Miller Fred R. Blank Book Co., Williamsport, Pa.
Minneapolis Paper Co., 4th av S & 5th, Minneapolis, Minn.
Montag Bros., Atlanta, Ga.
Myers R. M. & Co., Rochester, N. Y.
Osborn Paper Co., Marion, Ind.
Pacific Paper Co., Portland, Ore.
Pantagraph Printing & Stationery Co., Bloomington, Ill.
Perkins Bros. Co., Sioux City, Ia.
Post Publishing Co., Appleton, Wis.
Powers Paper Co., Springfield, Mass.
Raab W. H. & Bro., Johnstown, Pa.
Remington H. E. & Co., Fitchburg, Mass.
Reynolds & Reynolds Co., Dayton, O.
Roaring Spring Blankbook Co., Roaring Spring, Pa.
Roberts & Meck, Harrisburg, Pa.
Schmidtman's Theo. Sons Co., Manitowoc, Wis.
Smith Tablet Co., Holyoke, Mass.
Stowell Henry & Son, Troy, N. Y.
Taylor-Atkins Paper Co., Burnside, Conn.
Vernon S. E. & M., 65 Duane, New York
Waddey Everett Co., 1105 E Main, Richmond, Va.
Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.
Wendt & Rausch Co., Toledo, O.
Western Tablet Co., St. Joseph, Mo.
White & Wyckoff Mfg. Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Wright, Barrett & Stilwell Co., N E cor. University & Hampden avs, St. Paul, Minn.

10497— Pail Ears

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Berger Bros. Co. (Pail Ears, Pans, Kettles, etc.), 229 Arch., Phila., Pa.
Central Stamping Co., 172 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Forsyth Metal Goods Co. (& Tub Ears), E Aurora, N. Y.
Holland Mfg. Co. (Pail & Tub), Central av. & Bank, Baltimore, Md.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Parker Wire Goods Co. (Wire Rail & Tub), Worcester, Mass.
Pratt Wm. E. Mfg. Co. (Tinned), 35 W Lake, Chicago, Ill.
Titchener E. H. & Co., Binghamton, N. Y.
Titchener-Diehl Co. (& Tub Ears), 1844-48 W Austin av, Chicago, Ill
See adv index at end of book
Townsend Co., New Brighton, Pa.
Townsend G. G., Winchendon, Mass.
Troy Stamping Works, Troy, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

10498— Pails (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Buckeye Aluminum Co. ("Real Solid"), Wooster, O.
Toledo Cooker Co. (Cooker), Toledo, O.

10498a—Pails (Butcher Supply)

Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Johnson-Morse Can Co., Wheeling, W. Va.
Wheeling Can Co., Wheeling, W. Va.

10499— Pails (Candy)

See also Pails & Buckets, Wood; also Pails, Shipping
Chicago Oyster Pail Co., 504 S Green, Chicago, Ill.
Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Crunden, Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.
Dunning-Varney Co. ("D. V." Seamless), 99 Warren, New York
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Great Northern Pail Co., Gillett, Wis.
Lyman Mfg. Co., Warren, O.
Menasha Wooden Ware Co. (Wooden), Menasha, Wis.
Ohio Pail Co. (Wood), Middlefield, O.
Peoria Can Co. (Plain or Decorated), Peoria, Ill.
Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Fulton, Richmond, Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

10500—Pails (Cement & Navy)

Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
McLaughlin Co., Inc. (Cement), Brockford, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

10500a—*Pails (Collapsible)

(See also Buckets & Pails, Collapsible)
Stanley Wm. W. (For Automobiles), 50 Church, New York

10501-2— Pails (Commode)

See also Tinware Mfrs.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Northwestern Stamping Co. ("Pierce's" Sanitary), Burlington, Ia.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.

10503— Pails (Dairy)

Atlantic Stamping Co. ("Atlantic" Tin), 156-180 Ames, Rochester, N. Y.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Scotten & M C RR, Detroit, Mich.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.
McLaughlin Co., Inc., Brockport, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co. ("Strainer"), Nashville, Tenn.
Rochester Can Co. ("Iron Horse"), Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.

10504— Pails (Dinner, Etc.)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Behrens H. Mfg. Co., Winona, Minn.
BERTELS W. B. & SON CO., INC., Wilkes-Barre, Pa.
Buckeye Aluminum Co. ("Real Solid" Aluminum Sectional), Wooster, O.
Central Stamping Co. ("U. S."), 172 Fulton, New York
Dooley Bros. (Jobbers), 1201 S Washington, Peoria, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Leonard Mfg. Co., Scranton, Pa.
Leonard T. F. Co. ("Leonard"), Scranton, Pa.

National Enameling & Stamping Co. ("Acme," "Aurora"), 411 5th av, New York
Peoria Can Co., Peoria, Ill.
Strong Mfg. Co. (Miners, etc), Sebring, O.
Sullivan-Geiger Co. ("IX," "Boss" Round Miners'), Indianapolis, Ind.

10505— Pails (Fibre)

Cordley & Hayes ("Fibrotta" Paper Fibre), 7 Leonard, New York
Fibre Corporation ("Fibrotta," "Lily Star"), Lockport, N. Y.
Toledo Fibre Package Co., Toledo, O.

Pails (Fire)

See Buckets, Fire; Pails, Galvanized Iron; also Pails, Fibre

10506— Pails (Foundry)

Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Richmond Cedar Works ("J. I. C.," Heavy Oak), Fulton, Richmond, Va.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.
Threthaway Bros., Parsons, Pa.

10507—Pails (Galvanized Iron)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Boyle Mfg. Co., 5100 Santa Fe av, Los Angeles, Cal.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Scotten & M C RR, Detroit, Mich.
Central Stamping Co., 174 Fulton, New York
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Clark W. J. Co., Salem, O.
Coonley Mfg. Co., Cicero, Ill.
Crunden-Martin Mfg. Co. (Fire, Water, Mule, etc), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
Dunlap John Co., Carnegie, Pa.
Fitts Frank E. Mfg. & Supply Co. (Heavy), 88 Purchase, Boston, Mass.
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum Galvanized), Canandaigua, N. Y.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Water, Fire, etc), Middletown, Conn.
Pritchard Stamping Co., Rochester, N. Y.
Republic Metalware Co., Buffalo, N. Y.
Rex Harris Fire Appliance Co., 310 W 89th, New York
ROCHESTER CAN CO. ("Iron Horse"), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Sexton Can Co. (Fire, etc), 123 Broad, Boston, Mass.
Steel Basket Co., Cedar Rapids, Ia.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

10508-9— Pails (Garbage)

See also Cans, Ash & Garbage

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Buhl Stamping Co., Scotten & M C RR, Detroit, Mich.
Central Stamping Co., 174 Fulton, New York
Cincinnati Galvanizing Co. ("King" Corrugated), McMicken av & Tafel, Cincinnati, O.
Dover Stamping & Mfg. Co. ("Galvanized"), Cambridge, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Galvanized), Middletown, Conn.
ROCHESTER CAN CO. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.
Witt Cornice Co. ("Witt's"), 2118 Winchell av, Cincinnati, O.

10510— Pails (Milk)

Lalance & Grosjean Mfg. Co. (Enameled Iron), 299 B'way, New York
Menasha Woodenware Co. (Wooden), Menasha, Wis.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co. (Tin), Peoria, Ill.
Richmond Cedar Works ("Anchor Brand," White Cedar), Fulton, Richmond, Va.

10511—Pails (Milk Strainer, Etc.)

Atlantic Stamping Co ("Atlantic" Sanitary Dairy, All Tin), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk Anti-Rust"), Canandaigua, N. Y.
McLaughlin Co., Inc., Brockport, N. Y.
Peoria Can Co., Peoria, Ill.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.

10511a—*Pails (Miniature, Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10512— Pails (Mortar)

Richmond Cedar Works ("Anchor Brand," Heavy Oak), Fulton, Richmond, Va.

10513— Pails (Paper)

Aull Bros. Co. (Oyster & Ice Cream), Dayton, O.
Bloomer Bros. Co. (Ice Cream & Oyster), Newark, N. J.
Dunning-Varney Co. ("D. V. Seamless"), 99 Warren, New York
Hults Ellsworth H., Inc. (Ice Cream), 218 Walnut, Phila., Pa.
O. K. Paper Pail Co. (Oyster, Ice Cream, etc), Middletown, O.
Sefton Wm. J., 54th & Lafayette, New York

10513a—Pails (Paper, Folding)

Chicago Oyster Pail Co. (Oyster & Chop Suey), 504 S Green, Chicago, Ill.

Pails (Rubber)

See Buckets, Fire, with the word Rubber following their name

10514— Pails (Sap)

Conneaut Can Co., Conneaut, O.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Menasha Wooden Ware Co. (Wooden), Menasha, Wis.
Peoria Can Co., Peoria, Ill
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Tin & Galvanized Steel), Wheeling, W. Va.

10515— Pails (Shipping)

Crunden-Martin Mfg. Co. ("C. M." Metal Candy & Stock Food), 2d & Gratiot, St. Louis, Mo.
Menesha Wooden Ware Co. (Wood, for Candy, Tobacco, Lard, Stock Food, Cocoanut, Pigs Feet, Pickles, Grease, Fish & Jelly Packages, Cheese Boxes, etc), Menasha, Wis.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), (Galvanized), Wheeling, W. Va.

10516— Pails (Steel, Shop)

Cleveland Wire Spring Co. (Sheet Steel), 1281 E 38th, Cleveland, O.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Steel Basket Co. (Corrugated), Cedar Rapids, Iowa

10517— Pails (Tar)

Clark W. J. Co., Salem, O.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

10518— Pails (Tin, Lard)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Brecht Co., 1201 Cass av, St. Louis, Mo.
Colonial Can Co., 120 Milk, Boston, Mass.
Conneaut Can Co., Conneaut, O.
FIDELITY CAN CO., 600 S. Caroline, Baltimore, Md.
Johnson-Morse Can Co., Wheeling, W. Va.
METAL PACKAGE CORP. OF N. Y., 509 5th av, New York
See adv index at end of book
New Can Co., 326 A, Boston, Mass.
Pague Mfg. Co., 29th & Southwest blvd, Kansas City, Mo.
St. Louis Butchers' Supply Co., 1543 N 15th, St. Louis, Mo.
Sexton Can Co., 123 Broad, Boston, Mass.
Trethaway Bros., Parsons, Pa.
U. S. Can Co. (Plain & Decorated), Norwood, Cincinnati, O.
Wheeling Can Co., Wheeling, W. Va.

Pails (Waste)

See Cans, Waste

10518a— *Pails (Water)

See also Pails, Fibre; Pails, Galvanized Iron; also Pails & Buckets, Wood

Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book

10519—Pails & Buckets (Tin)

Fidelity Can Co., 600-610 S Caroline, Baltimore, Md.
Franklinville Canning Co., Franklinville, N. Y.

10520—Pails & Buckets (Wood)

Ashtabula Pail Co. (Basswood), Ashtabula, O.
Beaver Mills, Keene, N. H.
California Barrel Co., 433 California, San Francisco, Cal.
Carr Pail & Package Co., Ashby, Mass.
Corry Pail Co., Corry, Pa.
Dickinson's A. Sons, Ashuelot, N. H.
English Mfg. Co., Antigo, Wis.
Erie Pail Factory, Erie, Pa.
Florida Woodenware Co., Palatka, Fla.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hall Bros. Co., West Acton, Mass.
Keene Woodenware Co. (Wood Pails), Keene, N. H.
Lane C. L., East Swanzey, N. H.
Lown & Son ("J. I. C." Cedar), Poughkeepsie, N. Y.
McVoy Tub Pail & Package Co. (Lard, Candy, Pickle, etc., Tubs & Pails), 11th av, N E & Water, Minneapolis, Minn.
Menasha Wooden Ware Co. (Horse, Shipping, etc), Menasha, Wis.
Murdock E. & Co., Winchendon, Mass.
Peirce W. E. & Co., Milford, N. H.
Pierpont Mfg. Co. (Oyster Pails, Red Cedar & Cypress Water Pails), Savannah, Ga.
Richmond Cedar Works ("Anchor Brand," White & Red Cedar for Every Purpose), Fulton, Richmond, Va.
St. Louis Cooperage Co. ("J. I. C." Cedar), ft. of Arsenal, St. Louis, Mo.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Talbot & Clark, Sandown, N. H.
Union Cooperage Co., 2d & Penrose, St. Louis, Mo.

10521—Pails & Cans (Syrup)

Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Los Angeles Can Company, 303 San Fernando, Los Angeles, Cal.
Peoria Can Co., Peoria, Ill.

10522— Paint (Anti Stick)

Anti-Stick Co., Westerville, O.

10523— Paint Burners

American Stove Co. ("Reliable," "Quick Meal" Gasoline), 827 Chonteau av, St. Louis, Mo.
Ashton Mfg. Co., Newark, N. J.
Best Light Co., 477 2nd, N E, Canton, O.
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Cambria Paint & Color Co., Johnstown, Pa.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Macleod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works (Gasoline & Kerosene), Sycamore, Ill.

10524—Paint Grinders (Dry Material)

Sprout, Waldron & Co., Muncy, Pa.
Wilbur J. Co., Office: Providence, R. I. Factory: Phila., Pa.

10525— Paint Mfrs.

For Special Kinds of Paints, see Sub-Classifications following this trade

ALABAMA.

BIRMINGHAM—Birmingham Paint & Glass Co.

CALIFORNIA.

HUNTINGTON PARK—American Luminous Products Co. ("Radio"), Watts
LOS ANGELES—Bowers U. R. & Sons
Brininstool Co.
OAKLAND—Buswell Paint Co.
California Paint Co.
Sterling Paint Co.

CALIFORNIA—continued
SAN FRANCISCO—**BASS-HUETER PAINT Co.**, 816 Mission
Biturine Co., 1 Drumm
Bredell Composition Co., 818 Mission
Fuller W. P. & Co., 301 Mission
Nason R. N. & Co., 151 Potrero av
Pacific Oil & Lead Works, 155 Townsend
Paraffine Companies, Inc., The ("Pabco" Paints), 34 First
Remolite Paint Co.
Sterling Paint Co., 118 1st
Vulcanite Roofing Co. ("W. & P."), 16th & Texas
Yates & Co., 762 Folsom
WEST BERKELEY—West Coast Kalsomine Co. ("Wesco")

COLORADO.

DENVER—James B. L. Mercantile & Mfg. Co.
McMurtry Mfg. Co.
McPhee & McGinnity Co.
Reitze Wall Paper & Paint Co.
Western Elaterite Roofing Co.

CONNECTICUT.

BRIDGEPORT—American Lacquer Co.
Bridgeport Bronze Marine Paint Co.
Clapp Fire Resisting Paint Co.
Crockett D. B. Co.
EAST BERLIN—Conn. Metal & Chemical Co.
HAZARDVILLE—Hazard Lead Works
NORWICH — Hammond Process Co. ("Ferox" Iron Oxide)
SOUTH NORWALK—Nash Engineering Co. ("Xyloform")
WATERBURY—Wright E. E. (Roof)

DELAWARE.

WILMINGTON—Bryan Jas. M.
Cartmell Thos. B. Paint & Glass Co.
DU PONT E. I. DE NEMOURS & CO., INC., Sales Dept., Paint & Varnish Section, Wilmington, Del.
See adv index at end of book

DU PONT

PAINTS AND PIGMENTS

The products of the Paint & Varnish Section of the Du Pont Company represent a full line of products, including paints, stains, enamels, fillers, varnishes, Colors, Japans and Driers.

These products are supplied for trade as well as industrial users, and represent a specialized development to meet individual requirements.

The Du Pont line of Paints & Varnishes at present has been developed to the point of standardization where each product stands for highest quality for the purpose intended.

The products of the Lithopone Dry Colors & Pigments Section are well known for their quality and uniformity.

Beckton White is the first American Lithopone and has always commanded an important position in the paint and allied fields.

Du Pont Dry and Pulp Colors have also established a reputation in their respective fields for quality, strength of color and uniformity.

E. I. du Pont de Nemours & Company Incorporated

Sales Department: Paints and Pigments Division

Wilmington **Delaware**

Branch Offices and Warehouses:

BOSTON, Harvey Building — NEW YORK, 21 E. 40th St.
PHILADELPHIA, 35th and Grays Ferry Road
PITTSBURGH, May Building — COLUMBUS, Gugie Building
CHICAGO, McCormick Building — KANSAS CITY, 1224 W. 9th St.
MINNEAPOLIS, 411 Washington Ave. N. — SAN FRANCISCO, Chronicle Building

FLORIDA.

JACKSONVILLE—Dozier & Gay Paint Co.

GEORGIA.

ATLANTA—Cooledge F. J. & Sons ("Southern Home")
Southern Paint & Varnish Works ("S. P. V. W.")
Tripod Paint Co.
AUGUSTA—O'Connor & Schweers Paint Co. ("Old Standard")
SAVANNAH—**BUTLER J. G. BLDRS. SUPPLY CO.**, 24 Congress W

ILLINOIS.

AURORA—Robinson Paint Co.
CHICAGO—Adams & Elting Co. ("Ad-elite"), 726 Washington blvd
Allen Paint & Putty Works, 334 N Ashland av
Alston Lucas Paint Co., 1029 Currier
Antakwa Co., 133 W Washington
Armstrong Paint & Varnish Works, 2502 S Paulina
Arnstein Eugene, 3433 Racine av
Bradley & Vrooman Co., 2632 S Dearborn
Braithwaite C. W. Co. (Color Cards for Mixed Paint, etc), 300 S Racine av
Corol Co., 127 N. Dearborn
Chicago Varnish Co. ("Esque" Prepared), 2100 Elston av, Chicago, Ill.
Chicago White Lead & Oil Co., 1454 S Western av
Day Jas. B. & Co., 224 W. Superior
Devoe F. W. & C. T. Raynolds Co., 14 W Lake
See adv index at end of book
Diamond Red Paint Co., 2750 N Lincoln
Eagle Picher Lead Co. (The), 208 S La Salle
Elliott Varnish Co. (Roofing), 1013 S Kolmar av
Enterprise Paint Mfg. Co. ("Noxall" Fast Color), 333 S. Peoria
Ernecke & Salmstein Co., 944 W North av
Heath & Milligan Mfg. Co., 1833 Seward
Hockaday Co., 1831 Carroll
Hooker H. M. Glass & Paint Co. (Jobbers), 651 Washington blvd
Ind. Indestructible Paint Co., 1427 Belmont av
Inland White Lead Co., 741 Boston av
Martin-Senour Co., 2520 Quarry
Nubian Paint & Varnish Co., 1856 Leclaire av
Ohmlac Paint & Refining Co. ("Ohmlac"), 140 S. Dearborn
Olson & Tiligner Mfg. Co., 2280H Elston av
Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av
Rosenbush & Solomon, Inc., 33rd & Shields av
Sall Mountain Co., Roofing, 305 S La Salle
Stresen-Reuter & Co., 5516 Lake Park
Vilas Bros., 717 S 5th av
Wadsworth-Howland Co., 225 N Carpenter
Watson Geo. E. Co., **62 W Lake**
EAST ST. LOUIS—Mepham Geo. S. & Co., 20th & Lynch
Phelan-Faust Paint Mfg. Co.
JOLIET—Peeling Geo.
MOLINE—Moline Paint Mfg. Co.
PEORIA—**Globe Mfg. Co.**

INDIANA.

HAMMOND—**Hammond Asphalt Products Co.**
HUNTINGTON—Flexible **Paint Co.**
INDIANAPOLIS—**Advance Paint Co.**
Ajax Paint Co. ("Woodpecker")
Antox Paint Co.
Burdsal A. Co.
Indianapolis Paint & Color Co. ("Capital City")
Reilly Co. (Brick & Concrete)
REPUBLIC CREOSOTING CO. (Creosote), Indianapolis, Ind.
See adv index at end of book
Sargent Paint Co., N. J. & Mass av
LIBERTY—Carter Paint Co.
MARION—Standard Paint Co.
SOUTH BEND—McHenry-Millhouse **Mfg. Co.**
TERRE HAUTE—Smith-Alsop **Paint & Varnish Co.**
VALPARAISO—Parker Chas. H. Co.

IOWA.

DES MOINES—**Elaterite Paint & Mfg. Co.** ("Des Moines Elaterite")
FORT DODGE—**Iowa Paint Mfg. Co.**

KENTUCKY.

COVINGTON—Allen Anti-Rust Mfg. Co. (Roofing, Steel, Stack, Tanks, etc.), Dept H
Boehmer Albert L.
LOUISVILLE—**Blatz Val Paint & Varnish Co.**
Bridges-Smith & Co.
Kurfees J. F. Paint Co.
Long C. R., Jr., Co.
Louisville Lead & Color Co.
Louisville Paint Mfg. Co.
Peaslee-Gaulbert Co.
Sterling Paint & Color Co.
Strassel Gans Paint Co.

LOUISIANA.

NEW ORLEANS—American Paint Works, 428 Josephine
Bernhardt David Paint Co. (Ltd.), 321 Camp
Reeves Co., 805 Howard av

MAINE.

PORTLAND—Burgess Fobes & Co.

MARYLAND.

BALTIMORE—Davis H. B. Co., Bayard & Severn
Hanline Bros., 25 S Howard
Hirshberg Paint Co., 106 W Pratt
Kaufman E. L. & Co., Liberty & Fayette
Macneal James B. & Co. (Dry Paints Only), Warner & Wooster
Miller & Graham, 21 S Gay
Murphy Chas. J. Paint Co., 406 **N Calvert**
Popplein G. & N., 220 Guilford
Rubber Paint Co., c Warner & Wooster
Seim Henry & Co., Fayette & Howard

MASSACHUSETTS.

AMESBURY—Grieves C. S. **Paint Co.**
ARLINGTON—Oxidite Mfg. Co.
BOSTON—Briggs John & Co., **45 Purchase**
Cabot Samuel, Inc., 141 Milk
Carpenter-Morton Co., **77 Sudbury**
Chadwick-Boston Lead Co.
Dexter Bros. Co., 105 Broad
Gould & Cutler, 45 Sudbury
Hoffman Paint & Varnish Co., **Waters** av
King E. & F. & Co., Inc., **367 Atlantic** av
New England Oil, Paint & **Varnish Co.,** Waters av
Prince James H. Paint Co., **5 Lancaster**
Underhay Oil Co., **73 Batterymarch**
Wadsworth, Howland & Co. **("Bay State"), 141 Federal**
Wheeler Asahel Co., **58 High**
CHELSEA—Nico Varnish Co.
GLOUCESTER—Henderson & Johnson
Tarr Jas. H. Co. **(Copper & Iron** Marine)
Tarr & Wonson (Marine)
NEW BEDFORD—Brightman Bros.
Kirby Geo., Jr., Paint Co.
NORFOLK DOWNS—**Means & Thatcher**
SALEM—Philbrick L. B.
SPRINGFIELD—Hampden Paint & Chemical Co. **("Hampden," Green, etc)**
WATERTOWN—Waterproof **Paint Co.**
WELLESLEY—Wood's Henry Sons **Co.**

MICHIGAN.

BELDING—Knapp E. J. & Co.
DETROIT—Acme White Lead & **Color** Works, St. Aubin & M C RR
Boydell Bros. White Lead & Color Co. Industrial, Special, etc.), 432H E. Lafayette
Detroit Graphite Co., 10 12th
Detroit Refining Co., Majestic bldg
Detroit White Lead Works, 560 **E** Milwaukee
Ditzler Color Co., 40 Baltimore av W
Frazer Paint Co., Hubbard & M. C. R. R.
Insulating Materials Co., 805H Wesson av
Peninsular Paint & Varnish Co., **St.** Aubin & M C RR
Rinshed Gagnier Paint Co. (Industrial), 164 E. Congress, Dept H
Rinshed Mason Co. (Industrial Jobbers), Milford & P. M. R. R., Dept H.
Trus-con Laboratories, Caniff & Grant RR
FLINT—Flint Varnish & Color Works
HILLSDALE—O'Meara Bros.
HUDSON—Neptune Paint Co.
KALAMAZOO—Lakey A. L. Co. **(Mixed)**
SAGINAW—Asphalt Roofing Co.
United States Graphite Co.

MINNESOTA.

MINNEAPOLIS—Atlastic Paint Mfg. Co. ("Atlastic" Ready Mixed & Ground in Oils), 1007 Marquette av
Conrad Wood Preserving Co. (Iron & Wood Bridge, Barn & Warehouse), 118 Plymouth av
Frost Paint & Oil Co., 1209-11 **Tyer** N E
Maire Paint Co. (Maire's Indestructible Roof Preserver), 329 Boston blk
Minn. Linseed Oil Paint Co., **1101 S** 3rd
ST. PAUL—Blood T. L. & Co., **418** Wacouta
Farwell, Ozmun, Kirk & Co., (Barn, House, etc.)
Northern Paint Co.
St. Paul White Lead & Oil Co. **("Lion" Brand), Water & Starkey**
WINONA—Forster Paint & **Mfg. Co.**

MISSOURI.

CAPE GIRADEAU—Matteson **Paint Co.**
KANSAS CITY—McDonald Paint & Glass Co., 1408 Grand
Sewall Paint & Glass Co., 1009 W 8th
Southwestern Paint & Varnish Co.
ST. LOUIS—Becker-Moore Paint Co., 2nd & Soulard
Campbell Glass & Paint Co., **816 N 7th**

THE BEST RED OXIDE

Uniform Quality Guaranteed

JOSEPH A. McNULTY
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City Paint & Varnish Co., 1419 Franklin
Dixon Joseph Crucible Co. (of Jersey City, N. J.), Victoria bldg.
Eberson Lindsiay Paint Co. (House & Barn), 1832 Morgan
Kent & Purdy Paint Co. (House & Barn), 307 N Main
Mar-Kay Mfg. Co., 2715 S 2nd
Mechanics Paint Co., 715 Franklin
Missouri Paint & Varnish Co., 514 De Sota
Mound City Paint & Color Co., **11th & Mullanphy**
Phelan-Faust Paint Mfg. Co. (House & Barn), 1008 Pine
Platt & Thornburgh Paint Co., **7th & Franklin**
Reardon Paint Co. (Cold Water), **2d & Clinton**
Rower-Beine Paint Mfg. Co., 1524 N 15th
St. Louis Surfacer & Paint Co. ("Metal-steel"), **Arlington & Terminal & Belt Line**
Simmons Hardware Co., **9th & Spruce**
Vane-Calvert Paint Co., **1601 N B'way**

NEBRASKA.

LINCOLN—Lincoln Paint & Color Co.
Nebraska Paint & Lead Co.

NEW JERSEY.

BRIDGETON—Shaw John P. & Co.
CAMDEN—Clement Coverall Co. ("Coverall")
Waterall Wm. & Co.
ELIZABETH—Bay Way Chemical Co. ("Zulite" Black)
GIBBSBORO—Lucas John & Co.
HOBOKEN—Hoboken White Lead & Color Works, Willow av & 14th
Marx Jno
Shaffer Color & Varnish Corp.
IRVINGTON—Rice S. E. M. Filler Co. "Superior" "Red Setter" Metallic Barn & Fence)
JERSEY CITY—Aspinwall Geo. H. (Inc.), Corneilson av
Aspinwall Geo. H. (Inc.), 134 Halliday
Bielenberg A. Co., 18-24 Ash
Dixon Joseph Crucible Co.
N. J. Paint Works, Wayne (Louderbough, Hy., Prop.)
Stowell Mfg. Co., 240 Culver av
Woolsey C. A. Paint & Color Co., **490 Grand**
Zibell Damp Resisting Paint Co., **191 Culver av**
NEWARK—Armitage John L. & Co., 54 Dawson
Beckton Chemical Co., **278 Passaic**
Cawley, Clarke & Co., 278 Passaic
Hammond Paint & Slug Shot Works, Beacon, N. Y.
Herrmann Morris & Co., 878 Mt. Prospect av
Hetzel J. G. (Est. of), 67 Main
Patton Paint Co., ft Chester av
Sherwin-Williams Co., Brown
NEW BRUNSWICK—Watson J. D. & Co.
PATERSON—Norwood & Berdau
RIDGEWOOD—Ever-Ready Oil Co. (Leak-Proof)
STEWARTSVILLE—North Jersey Paint Co.

NEW YORK.

ADAMS—Rice A. L.
AUBURN—Messenger F. H. Co.
BUFFALO—Buffalo Oil, Paint & Varnish Co.
Century Mfg. Co., 272 W Genessee
International Products Co., 169 Church
Mets P. A. Paint Co., 769 Clinton
CLINTON—Clinton Metallic Paint Co.
ELLENVILLE—Ulster Paint Works
FISHKILL ON THE HUDSON—Hammond Benjamin
FULTON—McHenry Millhouse Mfg. Co.
ITHACA—Driscoll Bros. & Co. (Distributors "Tower")
JAMESTOWN—Jamestown Wood Finishing Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Averill Paint Co., 240 Plymouth
Brown Chas. H. Paint Co., 262 Fulton
Cheesman-Elliot Co., Inc., 23 Flatbush av
Childs Chas. M. & Co. (Inc.), 43 Summit
Colonial Works, 233 Norman av
Debevoise Company, 968 Grand
Devoe F. W. & C. T. Raynolds Co., 565 Smith
Eakins J. S. & W. R., 12 Wallabout
Eureka Chemical Co., 970 Grand av
Ingersoll O. W., 243 Plymouth
King Wm. H., 124 Greene
Krug Paint Mfg. Co. (Mixed), 449 Kent av
Kuhls H. B. Fred, 6413 3d av
Leavitt Louis, 454 Driggs av
Longman & Martinez, 231 N 9th
McCafferty Jas. A. & Sons Mfg. Co., 505 Driggs av
McNaughton Wm. D., 185 Oakland
McQuade John & Co. (Stevens' Brick Reds, etc), 134 Clasn. av
Masury John W. & Son (Acid Resisting), 50 Jay
Montauk Paint Mfg. Co., 170 2nd av
Moore Benjamin & Co., 231 Front
Pierce F. O. Co., 30 Tiffany pl
Rosenson David, 407 Watkins
Smith J. Lee & Co., 700 Hicks
Stone Tar Products Co. (Cement), 116H S. 8th

Boroughs of Manhattan and Bronx.

NEW YORK—Abbe Paul O., Inc., 924 Johnston bldg
Am. Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl
Apex Color Works, 50 W Broadway
Baer Bros., 438 W 37th
Bredell's Composition Co., 521 Washington
Calman & Co., Emil, 100 William,
CUIRASS PRODUCTS, LTD. (Insulating Anti - Corrosive & Fouling Paints; Waterproofing & Wood Preservatives), 1128 World bldg
Devoe & Raynolds Co., Inc. (Water Paints & Calcimines), 101 Fulton
Dunham Thomas C., 68 Murray
Feigel M. & Bro., 185 Wooster
FOX M. EWING CO. (Water Paints & Calcimines), 241 E. 136th
Gimbel Geo. & Co. Inc., 24 Stone
Goheen Corp. (Carbonizing Coating), 25 W 43d
Grote George W. & Co., 430 E 102d
Hemmerdinger L. & Co., 438 E 123d
Hildreth Varnish Co., 90 West
Holzapfel's Am. Composition Co., 18 B'way
Ilsey, Doubleday & Co., 229 Front
International Compositions Co. (Marine), 18 B'way
Knickerbocker Paint Co., 185 Madison av
Leggett & Bro., 301 Pearl
Limbacher Paint & Color Works, 162 E 35th
Longman & Martines, 54 Maiden la
Manhattan Color Works ("Tem-Po-Va"), 1035 Kelly
Manhattan & Bronx, Amalgama Paint Co., Pier 3, North River
Miller Clifford L. & Co. ("Minwax"), 280 Madison av
Minwax Co., Inc. (Technical), 18 E 41st
Moser Charles Co., 126 Liberty
Mogul Co., 45 W 34th
Mott Haven Color Works, 395 Mott av
Nansen Composition & Paint Co., 44 Pearl
National Lead Co., 111 B'way
New Process Chem. Co. (Anti-Fouling, Anti-Corrosive, Concrete Ship & Copper), 39 Cortlandt
Pierce F. O. Co., 10 E 45th
Prince Mfg. Co. (Double Label Mineral Brown), 165 Broadway
Red Hand Compositions Co., Inc. ("Red Hand"), 1 B'way
Reliance Paint Co., 25 Beaver
Smith J. Lee & Co., 19 Jacob
Sonneborn L. Sons, 262 Pearl
Standard Paint Co., 233 B'way
Storm Waterproofing Corp., 417 5th av
Toch Bros., 320 5th av
Wilson J. G. Corp. (White Light Reflecting "Diffuselite"), 8 W. 40th
Wix Charles & Co., 45 Vesey
Zinsser Wm. & Co., 195 William

Borough of Richmond.

NEW BRIGHTON—Muralo Company, Rich. Fer.

Borough of Queens.

COLLEGE POINT—Chilton Paint Co.
LONG ISLAND CITY—Horn A. C. Co., Horn bldg
Imperial Paint Co. ("Impaco"), 80 10th
Smith Edw. & Co., 127 West av
Willey Charles A. Co., Hancock

(End of New York City)

NIAGARA FALLS—Acheson Graphite Co. (Graphite)
OGDENSBURG—Rossie Iron Ore Paint Co. (Metallic)
PHELPS—Hicks A. P.
ROCHESTER—Clark Paint, Oil & Glass
ROME—Jones Paint Co. ("Roofcoat," "Stockote" & "Elastic Enamel" Stopleak & Liquid Stopleak)
SYRACUSE—Colebrook W. H. & Sons, Semet-Solvay Co.
TONAWANDA—National Roofing Co.
TROY—Connors Wm. Paint Mfg. Co.
WAVERLY—Thomas A. H. Paint Co.

NORTH CAROLINA.

WILMINGTON—Spirittine Chemical Co. ("Spirittine")

OHIO.

AKRON—Reliance Paint Co.
CANTON—Arlington Mfg. Co. ("Richtone," "Quality," Carbonelastic"), Canton, O.
Cawn Mining & Mfg. Co.
CINCINNATI—Black Diamond Mfg. Co. ("Vo-Ka-No" Black Breweries, Ice Can, etc.), 1219 Bank
Bolce Louis H. & Co., 2435 Gilbert av
Carey Philip Mfg. Co., 330 Wayne av, Lockland
Foy Paint Co., 230 E 5th
Johnston R. F. Paint Co., Pearl & Main
Kolbe John Co., 229 W 5th
Mamolith Carbon Paint Co., 2d & Main
Meyer E. H. & Co., 35 E Court
Moser Chas. Co.
Richmond Bros., 616 Main
Washburn Ira D. Co., 906 Central av
Wolf Leon L. Paint Co., 304 Lincoln Inn ct.
CLEVELAND—Arco Co. ("Arco Rays"), Euclid & E 65th
Atlantic Paint Co
Billings-Chapin Co., 1163 E 40th
Bond Paint & Varnish Co., E 81st
Canfield Oil Co., 3210 E 55th
Continental Products Co., Quebec av
Diamond Paint & Varnish Co., 910 Champlain av
Eclipse Paint & Mfg. Co., 6408 Euclid
Federal Process Co.
Forest City Paint & Varnish Co., 3334 Lakeside av
Fuller Ralph L. & Co., **Guardian bldg**
Gibson-Homans Co., 2366 Woodhill rd, S E
Glidden Co., Madison av & Berea rd
Great Lakes Refining Co. ("Jet Black" elastic Roof & Metal), 5716 Euclid av
Hascall Paint Co., W 70th
Lino Paint Co. ("Lino" Metal), 16908 Waterloo rd
McNairy A. B. & Co., 1163 E 40th
Manhattan Paint Co., 1348 W 70th
Monarch Paint Co., W 70th
Moore Benjamin & Co., E 71st
National Paint & Varnish Co., 8709 Kinsman rd
Patterson-Sargent Co. ("B. P. S.," "Nobrac"), 1325 E 38th
Pioneer Mfg. Co., 3053H E. 87th
Postal Paint & Color Co., 9420 Meech av
Republic Paint & Lead Works, **5716 Euclid av**
Robertson Paint & Varnish Co., 9808 Meech av
Sherwin-Williams Co.
Standard Paint & Lead Wks.
Tropical Paint & Oil Co., W 70th
Ulman Philpott Co., 4805 Lexington
U. S. Refining Co., 1291 W. 11th
Vaughan Paint Co., Columbus & Big 4
Vortes Mfg. Co. ("Vorco"), W 77th
Warren Refining & Chemical Co., 9420 Meech av
COLUMBUS—Ashbaugh Co.
Dean & Barry Co., Locust & Ludlow
Hanna Paint Mfg. Co. ("Green Seal" House Paint)
Ohio Filler & Shield Co., 522 City av
Shepard Paint Co., 19 E Long
Wrinkle Paint Mfg. Co.
DAYTON—Irvin, Jewell & Vinson Co. ("Anchor")
Kay & Ess Co.
Lowe Bros. Co.
HAMILTON—Reeder John S. (Cold Japan)
LOCKLAND—Carey Philip Mfg. Co., 330 Wayne av

PAINT MFRS.—continued
OHIO—continued
MARIETTA—Marietta Paint & Color Co.
PLAINVILLE—Ferris O. J.
TOLEDO—Blayz Paint & Varnish Co. ("Blayz"), Spencer
See adv index at end of book

"BLAYZ" PAINTS
and VARNISHES
Manufactured by
The Blayz Paint & Varnish Co.
TOLEDO, OHIO

Buckeye Paint & Varnish Co.
Dolphin White Lead & Color Works
Hardy Paint & Varnish Co.
Mountain Varnish & Color Works, Inc., Upton av
WARREN—Warren Paint Co.

OREGON.

PORTLAND—Fisher, Thorsen & Co., 29th & Nicolat

PENNSYLVANIA.

ALLENTOWN—Allentown Mfg. Co.
BETHLEHEM—Bethlehem Paint Co.
Erwin Henry & Sons (Metallic)
BRIDGEVILLE—Sipe Jas. B. & Co., Dept. H
EASTON—WILLIAMS C. K. & Co. (Dry)
See adv index at end of book
ERIE—Adam Bros. Co.
FRANKLIN—Reisenman Mfg. Co. (Ltd.)
HARRISBURG—Triangle Co., Inc. (Triangle)
JAMESTOWN—Jamestown Paint & Varnish Co.
JOHNSTOWN—Cambria Paint & Color Co.
LANCASTER—Lancaster Paint & Glass Co.
Schroeder Paint Co.
McKEESPORT—Painter Joel T. Co.
MUNCY—Keystone Paint & Filler Co. ("Optimus")
PHILADELPHIA—Bean Lewis U. Co., 922 Cherry
BINSWANGER B. & CO., 329 N 3d
Bridgeport Wood Finishing Works (Du Pont)
Day Light Co., 24 S 7th
Denny Hilborn & Rosenbach, 230 N 12th
Elastic Compound Paint Co., 5131 Kershaw
Felton, Sibley & Co., 136 N 4th
Flexible Compound Co., 3607 Haverford
French Samuel H. & Co., 4th c Callowhill
Graves N. Z. Corp., 22 S 3d
Howell C. H. & Co., 212 Race
Kahn Leopold & Co.
Keystone Albumen & Paint Co., 1346 N Marston
Lucas John & Co., 322 Race
Nice Eugene E., 272 S 2d
Pecora Paint Co. ("Pecora"), **4th & Sedgley av**
Phoenix Paint & Varnish Co., 124 Market
Protectus Paint Company, North American bldg
Pyramid Paint Co., 133 N 23d
Rambo Theo. G., 981 N 2d
Rinald Bros., 1142 N Hancock
Schrack C. & Co., 152 N 4th
Shoemaker Robt. & Co., Inc. (Interior Wall & Wood Finishes), 4th & Race
THOMSON WOOD FINISHING CO., 329 N 3d *See adv index at end of book*
Wetherill G. D. & Co., 114 N Front
Wetherill & Bro., 126 S 30th
Wilbur Job Co., ft. E Tioga
Wiswall Paint Co., 2413 E Huntingdon
Yarnall Paint Co., 1026 Race
PITTSBURGH—American Cold Japan Co. (Bridges, Roofs, Stacks, etc)
COLONIAL SUPPLY CO., 217 Water (Dealers Only)
See adv index at end of book
Eagle Paint & Varnish Co., 225 Galveston
Fort Pitt Oil & Paint Co., 3206 Penn av
Hommel O. Co., Hope & Maple
Iron City Oil & Varnish Co., Franks-town & Inwood
Koppers Products Co. ("Koppax"), Union Arcade
Lawrence W. W. & Co. ("Lawrence," "Dresden," "Du-Kane," "Gold Star," "Norwood"), W. Carson
Nevin T. H. Co., Island & Preble
Pittsburgh Paint Supply Co., 617 Liberty
Pruett Schaffer Chemical Co., Tabor
Sterling Varnish Co. (Varnish), Fulton bldg
Suydam M. B. Co., 61st & Butler
Thompson & Co., 857 W North av
Union Paint Co., South av, & B. & O. R. R.
Walters Mfg. Co., Fulton bldg
PULASKI—Reno Bros. Paint Co.
READING—Morgan Paint Co.
Wilhelm A. Co.
SHAMOKIN—Zimmerman W. S.
SHARPSBURG—Atlas Paint Co.
SHIPPINSBURG—McPherson J. W. & Sons
SOUTH BEHLEHEM — Bethlehem Steel Co.
TULLYTOWN—Tully Paint & Varnish Co.
WASHINGTON—Capitol Paint & Varnish Co.
WILKES-BARRE — Wilkes-Barre Paint Co.
WILLIAMSPORT — Cheesman & Elliott (National Paint Works)
Erieg Wm. J.
WYOMING—Wyoming Painting & Paint Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Chaffee Thos. K. Co., 115 Wickendon
Johnson Oliver & Co., 24 Custom House
U. S. Gutta Percha Paint Co., 12-36 Dudley
Wilbur J. Co.

SOUTH CAROLINA.

CHARLESTON—Moore-Leland Paint & Oil Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Paint Co.
Lookout Paint Mfg. Co.
MEMPHIS—Bartholomew Roofing Co.
De Soto Paint Mfg. Co.
True-Tagg Paint Co.
NASHVILLE—Atlas Paint Co.
Warren Paint & Color Co.

TEXAS.

DALLAS—Lincoln Paint & Color Co.
GALVESTON—Baulard V. L. & Co.
HOUSTON—Sherwin-Williams Co.
Kuhn's Paint & Varnish Works

UTAH.

SALT LAKE CITY—Carbon Paint Co. ("C. P. P." Hydro-Carbon), Felt bldg

VIRGINIA.

LYNCHBURG—National Paint & Manganese Co.
NEWPORT NEWS — Duristo Paint Co. ("Duristo")
NORFOLK—Jenkins Paint & Oil Co. ("Basol" Semi Liquid)
RICHMOND—Alcatraz Co., Inc. (Roofing), 3200 Williamsburg av
Tanner W. S. Paint Co., 1303 E Main

WASHINGTON.

SEATTLE—Bitu-Mo-Lin Products Co., Inc. (Antifouling, Copper, Marine & Roofing)
Masury John W. & Son, 5016 20th, N. W.
SPOKANE—Jones & Dillingham
Spokane Paint & Oil Co.
TACOMA—Mashell Paint Co.
Pacific Glass & Paint Co.

VERMONT.

BRATTLEBORO—Morse W. A., Dept H

WEST VIRGINIA.

HUNTINGTON—Ashland Paint Co.
WHEELING—Blue Ribbon Paint Co.

WISCONSIN.

IRON RIDGE—Winter's Metallic Paint Co.
MILWAUKEE—O'Neil Oil & Paint Co., 297 E Water
Patton Paint Co.
Retardo Fire Proof Paint Co., 416 E North av
Ricketson Mineral Paint Works (Iron Ore), South Bay
Zummach Wm. F., 283 W Water
OSHKOSH—Parker Ira & Sons Co.
STEVENS POINT—Wisconsin Graphite Co.

10526—Paint Mfrs.' Color Cards

Adams & Elting Co., 726 Wash. blvd, Chicago, Ill.
Bradt Paint Specialty Co., Troy, N. Y.
Braithwaite C. W. Co., 300 S Racine av, Chicago, Ill.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Kinsey & Johnson, 230 Pearl, Cincinnati O.
La Clede Mfg. Co., Buffalo, N. Y.
Morrison Chas. C. Co. (For Mixed Paint, etc), 15 S Clinton, Chicago, Ill.
White W. J. & Co., 81 Amsterdam, Detroit, Mich.

10526a— *Paint Sprayers

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

For Oil Paints and Varnishes, using compressed air for atomizing. We also build Whitewash Sprayers.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Holland Instrument Co., 2314 N 11th, Phila., Pa.
Paaschke Aid Brush Co., 1249 W. Washington blvd, Chicago, Ill.

10527—Paint & Varnish Remover

Acme White Lead & Color Works ("Acme Quality"), St. Aubin & M. C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Albany Chemical Co. ("Albany" Paint & Varnish Remover), Albany, N. Y.
Arnstein Eugene ("Blitz"), 3433 S. Racine av, Chicago, Ill.
Atlantic Drier & Varnish Co. ("Takitof"), Meadow & Wolf, Phila., Pa.
Ball Chemical Co. ("Ball's"), Fulton bldg, Pittsburgh, Pa.
Berry Bros. ("Apex"), Detroit, Mich.
Bird J. A. & W. & Co. ("Mistic"), 88 Pearl, Boston, Mass.
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Boston Varnish Co. ("Boston"), Everett Station, Boston, Mass.
Boyle A. S. Co. ("Var-ni-go"), 1934 Dana av, Cincinnati, O.
Bradley & Vrooman Co. ("Crown"), 2632 S Dearborn, Chicago, Ill.
Bridgeport Wood Finishing Works (Du Pont), ("Bridgeport Standard"), Philadelphia, Pa.
Brooklyn Varnish Mfg. Co. ("Peerless"), 35 Nostrand av, Brooklyn, N. Y.
Burbank & Ryder ("Bunker Hill"), Boston, Mass.
Calman Emil & Co. ("Zymolite"), 100 William, New York
Campbell Glass & Paint Co. ("Cleanoff"), 816 N 7th, St. Louis, Mo.
Century Mfg. Co., 272 W. Genessee, Buffalo, N. Y.
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chadeloid Chemical Co., 100 William, New York
Chalmers Chemical Co. ("Phenoid"), 115 Chestnut, Newark, N. J.
Chicago White Lead & Oil Co. ("Magic"), 1454 S Western av, Chicago, Ill.
Crockett D. B. Co. ("E. Z."), Bridgeport, Conn.
Day Jas. B. & Co. ("Kut-Kote"), 224 W. Superior, Chicago, Ill.
De Ronde Frank S. ("De Ronde"), 24 Stone, New York
Detroit White Lead Works ("Ab-lu-ent"), 560 E Milwaukee, Detroit, Mich.
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Paint & Varnish Sec. (Liquid), Wilmington, Del.
See adv index at end of book
Eberson Lindsay Paint Co. ("V. & P. Solvent"), 1832 Morgan, St. Louis, Mo.
Flint Varnish & Color Works ("Re-movit"), Flint, Mich.
Forest City Paint & Varnish Co. ("Forest City"), 3334 Lakeside av, Cleveland, O.
Fuller W. P. & Co. ("Conqueror"), 301 Mission, San Francisco, Cal.
Gillespie Chas. H. & Sons ("Monarch Bull Dog"), Dey, Jersey City, N. J.
Glidden Co. ("Glidden's"), Madison av & Berea rd, Cleveland, O.
Gould & Cutler ("Eclipse"), 45 Sudbury, Boston, Mass.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Hilo Varnish Corp. ("Hilo"), Marcy & Flushing av, Brooklyn, N. Y.
Indianapolis Paint & Color Co. ("Rapid"), Indianapolis, Ind.
Johnson S. C. & Son ("Johnson's Electric Solvo"), Racine, Wis.
Keystone Varnish Co. ("23-Skiddo"), 71 Otsego, Brooklyn, N. Y.
Lawrence W. W. & Co. ("Dresden"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
Lucas John & Co. ("Mirac"), 322 Race, Phila., Pa.
McPhee & McGinnity Co. ("Magic Solvent"), Denver, Colo.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Messenger F. H. Co., Auburn, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
Palmer-Price Co. ("Eureka"), 270 Chestnut, Newark, N. J.
Parrott Varnish Co., ("Parrott"), Bridgeport, Conn.
Patterson-Sargent Co. ("B. P. S."), 1325 E 38th, Cleveland, O.
Patton Paint Co. ("Patton's"), Milwaukee, Wis.
Peninsular Paint & Varnish Co. ("Peninsular"), St. Aubin & M C RR, Detroit, Mich.
Perry-Austen Mfg. Co. ("Instint"), Grasmere, S. I., N. Y.
Pratt & Lambert ("Expedite"), Buffalo, N. Y.
Prince Jas. H. Paint Co. ("Zip"), 5 Lancaster, Boston, Mass.
Samoline Corp., Inc. ("Samoline" Cleaner), 2134 N Clark, Chicago, Ill.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co. ("Taxite"), Cleveland, O.
Standard Varnish Works ("Klensa"), 90 West, New York
Twin City Varnish Co. ("Kum-Off"), 521 Cleveland av, St. Paul, Minn.

Wadsworth-Howland Co. ("Jewel"), 225 N Carpenter, Chicago, Ill.
Wadsworth-Howland & Co. (Inc.), ("Magic"), 141 Federal, Boston, Mass.
Watson Geo. E. Co. ("Faultless"), 62 W Lake, Chicago, Ill.
Wilhelm A. Co. ("Meltaway"), Reading, Pa.
Wilson Remover Co., 115 Chestnut, Newark, N. Y.

Painting Sprays (Compressed Air)

See Pneumatic Painting Machines; also Paint & Whitewash Spraying Machines

10528—Paints (Acid Proof)

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Antakwa Co., 212 N. Jefferson, Chicago, Ill.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Bradford Jas. Co., Wilmington, Del.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Carbon Paint Co. ("C. P. P." & "Black Diamond"), Salt Lake City, Utah
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Cuirass Products, Ltd., 1128 World bldg, New York
Detroit Graphite Co., 10 12th, Detroit, Mich.
Doggett Stanley, 11 Cliff, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Federal Process Co., Cleveland, O.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio
Glidden Co., Madison, av & Berea rd, Cleveland, O.
Jones Paint Co., Rome, N. Y.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Maire Paint Co., 329 Boston blk, Minneapolis, Minn.
Minwax Co., 18 E 41st ("Minwax"), New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice, Eugene E., 272 S 2d, Phila., Pa.
Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Protexol Corporation, 41 Barclay, New York
Redmanol Chemical Products Co., 648 W 22d, Chicago, Ill.
Riesenman Mfg. Co., Ltd., Franklin, Pa.
Rinald Bros. Paint Works, Inc., Gray's Ferry rd & Grove, Phila., Pa.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Sipe Jas. B. & Co., Dept H, Bridgeville, Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co. ("Ajax" Finishers), Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Southwestern Paint & Varnish Co., Kansas City, Mo.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Zibell Damp Resisting Paint Co., 191 Culver av, Jersey City, N. J.

10528a—Paints (Alkali Resisting)

Cambria Paint & Color Co., Johnstown, Pa.
Carbon Paint Co. ("C. P. P." & "Black Diamond"), Felt bldg, Salt Lake City, Utah
Jones Paint Co., Rome, N. Y.
Koppers Product Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Standard Paint Co., 233 B'way, New York
Toch Bros., 320 5th av, New York

10529—Paints (Aluminum & Gold)

Adams & Elting Co. (Aluminum), 726 Washington blvd, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Arnstein Eugene, 3433 S Racine av, Chicago, Ill.
Baer Bros., 438 W 37th, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Berry Bros. ("Aluminum"), Detroit, Mich.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Bronze Powder Works Co., Elizabeth, N. J.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chicago Gold Enamel Co. (Washable Gold), Monadnock blk, Chicago, Ill.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Day Jas. B. & Co., 224 W. Superior, Chicago, Ill.
Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
Devoe & Raynolds Co., Inc. ("Alustrium," "Dragon," "Brilliantine," Enamel Gold), 101 Fulton, New York
See adv index at end of book
Drakenfeld B. F. & Co., 50 Murray, New York
Forest City Paint & Varnish Co., 3334 Lakeside Ave., Cleveland, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Glidden Co. ("Jap-a-lac"), Madison av & Berea rd, Cleveland, O.
Heath & Milligan Mfg. Co., (Aluminum), 1833 Seward, Chicago, Ill.
Hemmerdinger L. & Co., 438 E 123d, New York
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Lawrence," "Fort Pitt," "Royal"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Martin-Senour Co. (Aluminum "Monarch"), 2520 Quarry, Chicago, Ill.
Montauk Paint Mfg. Co. ("Montauk," Aluminum & Silver & Gold), 2d av & 18th, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Patton Paint Co. (Alum.), Milwaukee, Wis.
Rath Mfg. Co. ("Swiss Silverito" Aluminum & "Swiss Goldbrite," Gold), Headley E of Richmond, Phila., Pa.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sartorius A. & Co., 57 Murray, New York
Sherwin-Williams Co., Cleveland, O.
Tucker Mfg. Co., 17 E 137th, New York
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
Woolsey, C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10529a—Paints (Anti-Cyanide)

Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Detroit Graphite Co., 10 12th, Detroit, Mich.
Standard Paint Co., 233 B'way, New York
Toch Bros., 320 5th av, New York
Trus-Con Laboratories, Detroit, Mich.

10530— Paints (Asbestos)

Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Acme White Lead & Color Works, St. Aubin & M C RR, Detroit, Mich.
American Roofing Co., Kansas City, Mo.
Arco Co., Euclid Ave. & E, 65th, Cleveland, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Cambria Paint & Color Co., Johnstown, Pa.
Chesapeake Oil Co., Ostend & Leadenhall, Baltimore, Md.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Jones Paint Co., Rome, N. Y.
Keystone Roofing Mfg. Co., York, Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patton Paint Co. ("Sun Proof"), Milwaukee, Wis.
Watson H. F. Co., Erie, Pa.

10531— Paints (Asphalt)

Arco Co., Euclid Ave. & E. 65th, Cleveland, O.
Armstrong Paint & Varnish Works ("Diamond Oil Black"), 2502 Paulina, Chicago, Ill.
Aspromet Co., 1st National Bank bldg., Pittsburgh, Pa.
Atlantic Paint Co., Cleveland, O.
Atlas Co., Lincoln, N. J.
Barber Asphalt Paving Co. ("Titekote"), Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
Hammond Asphalt Products Co., Hammond, Ind.
Kay & Ess Co., Dayton, O.
Keystone Roofing Mfg. Co., York, Pa.
McHenry-Millhouse Mfg. Co., South Bend, Ind., & Fulton, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Roofing Co., Tonawanda, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Protexol Corporation, 41 Barclay, New York
Shaffer Color & Varnish Corp., Hoboken, N. J.
Southwestern Paint & Varnish Co., Kansas City, Mo.
Stickney J. W. & Co., 31 Milk, Boston, Mass.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10532—Paints (Asphaltum)

Alcatraz Co., Inc. ("Blackat"), 3200 Williamsburg av, Richmond, Va.
American Bitumastic Enamels Co., ("Hermastic"), 17 Battery pl, New York
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works, 2502 S Paulina, Chicago, Ill.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
Bayway Chemical Co. (Coal Tar), Elizabeth, N. J.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Certain-teed Products Corp., St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
Conn. Metal & Chemical Co., East Berlin, Conn.
Continental Products Co., Quebec av, Cleveland, O.
Cortland Specialty Co. ("Banner" Black), Cortland, N. Y.
Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Kay & Ess Co., Dayton, O.
McHenry-Millhouse Mfg. Co., South Bend, Ind., & Fulton, N. Y.
Masury Jno. W. & Son, 30 Jay, Brooklyn, N. Y.
Mitchell-Rand Mfg. Co., 18 Vesey, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene Co., 272 S 2d, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av, Chicago, Ill.
Parker C. H. Co., Valparaiso, Ind.
See adv index at end of book
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Perry-Derrick Varnish Co., Vine & C. & O. Ry, Dayton, Ky.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Thompson & Co., 837 W North av, Pittsburgh, Pa.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10533-4— Paints (Barrel)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.

PAINTS (BARREL)—continued
Butler J. G., Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Devoe & Raynolds Co., 101 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Heller & Merz Co., 503 Hudson, New York
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Patterson-Sargent Co., Cleveland, O.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sipe Jas. B. & Co., Dept H, Bridgeville, Pa.
Wadsworth, Howland & Co., ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint Co., Warren, O.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Paints (Bath-Tub)

See Enamels, Bath Tub

10535—Paints (Blackboard)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Cambria Paint & Color Co., Johnstown, Pa.
Hammett J. L. Co., Kendall sq, Cambridge, Mass.
See adv index at end of book
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10536-7—Paints (Brick and Concrete)

Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Butler J. G., Bldrs'. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Carbon Paint Co. ("C. P. P."), Felt bldg, Salt Lake City, Utah
Certain-teed Products Co. ("Certain-teed" Floor), Boatman's Bank bldg, St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chilton Paint Co., College Point, L. I., N. Y.
CONCRETE WATERPROOF PAINT CO. ("Kling Koat"), 329 N 3d, Phila., Pa.
See adv index at end of book

"KLING KOAT"
CEMENT COATING
Beautifies, Protects and Waterproofs Cement, Concrete, Stucco and Brick.
—*In different colors*—
CONCRETE WATERPROOF PAINT CO.
329-335 N. 3rd St. Phila., Pa.
Mfrs. of "Hydroseal" Waterproof Paint

Continental Products Co., Quebec av, Cleveland, O.
Cooledge F. J. & Sons, Atlanta, Ga.
Cuirass Products, Ltd., 1128 World bldg, New York
Denny Hilborn & Rosenbach ("D. H. R."), 230 N 12th, Phila., Pa.
Detroit Graphite Co., 10 12th, Detroit, Mich.
Devoe & Raynolds Co., Inc. ("Derayco"), 101 Fulton, New York
Durabla Mfg. Co. ("Comos"), 114 Liberty, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Federal Process Co., Cleveland, O.
Feigel M. & Bro. ("D. R. P."), 185 Wooster, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
FOX M. EWING CO. ("Permanite" & "Whitenite," "Cemenite" Water Paints), 241 E 136, New York
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Glidden Co. ("Alkali Proof Wall Size," "Concrete Floor Dressing," "Stucolor," "Liquid Cement Coating," "Liquid Cement Filler," "Waterproof White Finish," "Waterproof Flat Finish," "French Caen Stone Finish," "Transparent Waterproofing," "Liquid Concrete," "Liquid Rubber," "Liquid Rubber Cement," "Colorless Waterproofing," "White Cement Enamel," Daylite Mill White), Madison av & Berea rd, Cleveland, O.
Goheen Corp., 25 W 43d, New York
Hanna Paint Mfg. Co., Columbus, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Imperial Paint Co. ("Impaco"), 80 10th Long Island City, N. Y.
Jenkins Paint & Oil Co., Norfolk, Va.
Jones Paint Co., Rome, N. Y.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
New Process Chem. Co. (Concrete Ship), 39 Cortlandt, New York
Nice Eugene Co., 272 S 2d, Phila., Pa.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Patterson-Sargent Co. ("B. P. S.") 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Postal Paint & Color Co., 9420 Meech av, Cleveland, O.
Protexal Corp., 41 Barclay, New York
Pyramid Paint Co. ("Macnichols"), 133 N 22d, Phila., Pa.
Reilly Co., Indianapolis, Ind.
Richmond Bros. ("Cemeline"), 616 Main, Cincinnati, O.
Rinald Bros. Paint Works, Inc., Gray's Ferry rd & Grove, Phila., Pa.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sike Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Southwestern Paint & Varnish Co., Kansas City, Mo.
Stone Tar Products Co., 118H S. 6th, Brooklyn, N. Y.
Storm Waterproofing Corp. ("Stormtite"), 417 5th av, New York
THOMSON WOOD FINISHING CO. (Concrete Waterproof), 329 N 3d, Phila., Pa. *See adv index at end of book*
Toch Bros. ("R. I. W.," Interior, "Liquid Konkerit" Exterior), 320 5th av, New York
Tropical Paint & Oil Co. ("Cementkote," "Elastikote"), W 70th, Cleveland, O.
U. S. Gutta Percha Paint Co., 1230 Dudley, Providence, R. I.
VULCAN FUEL ECONOMY CO. (Boiler Settings), 828 Transportation bldg, Chicago, Ill.
Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint & Color Co., Nashville, Tenn.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Waterall Wm. & Co. ("Cementco"), Camden, N. J.
West Coast Kalsomine Co. ("Wesco"), West Berkeley, Cal.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Paints (Bridge)

See Paints for Coating & Preserving Iron & Steel

10538— Paints (Carbon)

AMERICAN INSULATION CO., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Antakwa Co., 133 W Washington, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Karbon Kote"), 2502 S Paulina, Chicago, Ill.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Cambria Paint & Color Co., Johnstown, Pa.
Certain-teed Products Co. ("Certain-teed" Black), Boatman's Bank bldg, St. Louis, Mo.
Cheesman Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Continental Products Co., Quebec av, Cleveland, O.
Cuirass Products, Ltd., 1128 World bldg, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Elastic Compound Paint Co. ("Elastic Compound" Black), 5131 Kershaw, Phila., Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Moser Chas. Co. ("Durbon"), Cincinnati, Ohio
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Richmond Bros., 616 Main, Cincinnati, O.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
U. S. Graphite Co., Saginaw, Mich.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

Paints (Cement)

See Paints, Brick & Concrete

10538a—Paints (Coal Tar)

Butler J. G., Bldrs'. Supply Co., 24 Congress W, Savannah, Ga.
Jones Paint Co., Rome, N. Y.
Semet-Solway Co., Syracuse, N. Y.
Trus-Con Laboratories, Detroit, Mich.

10539—Paints (Cold Japan)

American Cold Japan Co. (Bridges, Roofs, Stacks, etc.), Pittsburgh, Pa.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Conn. Metal & Chemical Co., East Berlin, Conn.

10540—Paints (Cold Water)

See also Kalsomine Mfrs.

Acme Asbestos Covering & Supply Co. ("Acme" Interior & "Bell" Fireproofing & Waterproof Exterior), 234 N. Elizabeth, Chicago, Ill.
See adv index at end of book
Acme White Lead & Color Works, St. Aubin & M C RR, Detroit, Mich.
Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Bird J. A. & W. & Co. ("Petrol," "Magnite," "Bird"), 88 Pearl, Boston, Mass.
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Brown Chas. H. Paint Co., 262 Fulton, Brooklyn, N. Y.
California Paint Co., Oakland, Cal.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Columbia Refining Co. ("Aqualite" Fire & Weatherproof; also "Muralitnt" & "White Rose"), 90 West, New York
Connors Wm. Paint Mfg. Co., Troy, N. Y.
De Soto Paint Mfg. Co. ("Memphi"), Memphis, Tenn.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Federal Asbestos Co., Milwaukee, Wis.
Flintkote Co. ("Magnite"), 88 Pearl, Boston, Mass.
FOX M. EWING CO ("Permanite," "Whitenite" Water Paints), 241 E. 136th, New York
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Frescoat Co., Grand Rapids, Mich.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Hammond-Benjamin, Beacon, N. Y.
Hardie Mfg. Co. ("Stay There" Fire & Waterproof), Hudson, Mich.
Johns-Manville Inc., Madison av & 41st, New York
King J. B. & Co. ("King's Perfected"), 17 State, New York
King Paint Mfg. Co. ("King's"), 449 Kent av, Brooklyn, N. Y.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Moser Chas. Co., Cincinnati, O.
Munns E. A. Kalsomine Co., 217 Fulton, Brooklyn, N. Y.
Muralo Co. ("Indelible"), Richmond Ter., New Brighton, Borough of Richmond, New York

Murphy Chas. J. Paint Co., 406 N Calvert, Baltimore, Md.
Neptune Paint Co., Hudson, Mich.
Nice Eugene E., 272 S 2d, Phila., Pa.
Oxidite Mfg. o., Arlington, Mass.
Paragon Plaster Co., 300 W Water, Syracuse, N. Y.
Reardon Paint Co., 2d & Clinton, St. Louis, Mo.
Richmond Bros., 616 Main, Cincinnati, O.
Tucker Mfg. Co., 17 E 137th, New York
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
West Coast Kalsomine Co. ("Wesco" Velvet Tints & Wall Colors), West Berkeley, Cal.
Whittaker, Clark & Daniels, Inc., 250 Front, New York
Wilhelm A. Co., Reading, Pa.
Winn Wm. R. ("Winn"), 488 Cherry, New York
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10541— Paints (Copper)

See also Paints, Marine

Amalgamated Paint Co. ("Amalco," "Amalgamated"), Pier 11, North River, New York
Antox Paint Co., Indianapolis, Ind.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Kopper-Kote"), 2502 S Paulina, Chicago, Ill.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
BINSWANGER B. & CO., 329 N Third, Phila., Pa.
Bit-Mo-Lin Products Co., Inc., Seattle, Wash.
Bredell Composition Co., 818 Mission, San Francisco, Cal.
Briggs John & Co. ("Champion" Ready Mixed), 45 Purchase, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 262 Fulton, Brooklyn, N. Y.
California Paint Co., Oakland, Cal.
Chilton Paint Co., College Point, L. I., N. Y.
Debevoise Company (And Ship Composition), 968 Grand, Brooklyn, N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
French Saml H. & Co., 4th & Callowhill, Phila., Pa.
Henderson & Johnson, Gloucester, Mass.
Howell C. H. & Co., 212 Race, Phila., Pa.
Kuhls H. B. Fred ("Elastic"), 6413 3d av, Brooklyn, N. Y.
Longman & Martinez, 54 Maiden la, New York
Lucas Jno. & Co., 322 Race, Phila., Pa.
Miller & Graham, 21 S Gay, Baltimore, Md.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mott Haven Color Works, 395 Mott av, New York
New Jersey Paint Works (H. Louderbough, Prop.), Wayne, Jersey City, N. J.
New Process Chem. Co., 39 Cortlandt, New York
Nice Eugene E., 272 S 2d, Phila., Pa.
Pierce F. O. Co., 10 E 43d, New York
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Southwestern Paint & Varnish Co., Kansas City, Mo.
Tarr Jas. H. Co. (Marine), Gloucester, Mass.
Tarr & Wonson, Gloucester, Mass.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint & Color Co., Nashville, Tenn.
WOOLSEY C. A. PAINT & COLOR CO. ("Copper Best"), 490 Grand, Jersey City, N. J.

10542—Paints (Damp Resisting)

See also Paints, Brick & Concrete; also Waterproofing Materials

American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, New York
Cuirass Products, Ltd., 1128 World bldg New York
Detroit Graphite Co. ("Anti-Aqua"), 10 12th, Detroit, Mich.
Goheen Corp. ("Comaco"), 25 W 43rd, New York
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Horn A. C. Co., Horn bldg, Long Island City, New York
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Patton Paint Co., Milwaukee, Wis.
Protexol Corporation, 41 Barclay, New York
Shaffer Color & Varnish Corp., Hoboken, N. J.
Storm Waterproofing Corp. ("Stormtite"), 417 5th av, New York
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10543— Paints (Dipping)

Antakwa Co. ("Antakwa"), 133 W Washington, Chicago, Ill.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Southard, St. Louis, Mo.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Canton Paint & Glass Co., Canton, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, New York
Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Lowe Bros. Co., Dayton, O.
Moline Paint Mfg. Co., Moline, Ill.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Protexol Corp., 41 Barclay, New York
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros. Paint Works, Inc., Gray's Ferry rd & Grove, Phila., Pa.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
United States Graphite Co., Saginaw, Mich.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10543a— Paints (Dry)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Globe Iron Roofing & Corrugating Co., Dept H, Newport, Ky.
McNulty, Joseph A., 114 Liberty, New York. *See adv index at end of book*
Newport Rolling Mill Co., Newport, Ky.

10544— Paints (Earth)

McNulty, Joseph A., 114 Liberty, New York. *See adv index at end of book*

Paints (Enamel)

See Enamels

10545— Paints (Fireproof)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Hoff Magnesite Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco, Cal.
International Fire Proofing Paint Corp. "Pryo-Non"), 61 B'way, New York
KING-KARBO PRODUCTS CORP., 208 6th av, Pittsburgh, Pa.

10546—Paints (Fire Resisting)

Acme Asbestos Covering & Supply Co. (For Spray Pumps & Brushes), 234 N. Elizabeth, Chicago, Ill.
Acme White Lead & Color Wks., St. Aubin & M C RR, Detroit, Mich.
American Cold Japan Co., Pittsburgh, Pa.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
See adv index at end of book
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
BINSWANGER B. & CO., 329 N Third, Phila., Pa.
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Bradford Jas. Co., Wilmington, Del.
Cambria Paint & Color Co., Johnstown, Pa.
Canton Paint & Glass Co., Canton, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, New York
Chilton Paint Co., College Point, L. I., N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Crawford Specialty Mfg. Co., Blackstone bldg., Cleveland, O.
Detroit Graphite Co., 10 12th Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Elaterite Paint Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Federal Asbestos Co., Milwaukee, Wis
Federal Process Co., Cleveland, O.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
FOX M. EWING CO. ("Permanite" Water Paint), 241 E 136th, New York
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Goheen Corp. (Acid Heat Resisting), 25 W 43rd, New York
Great Lakes Refining Co. ("Jet Black"), 5716 Euclid av, Cleveland, O.
Hoff Magesite Co. ("Hoffite"), Monadnock bldg, San Francisco, Cal.
Ironsides Co., Columbus, O.
Jones Paint Co. ("Roofcoat"), Rome, N. Y.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Maire Paint Co., 329 Boston blk, Minneapolis, Minn.
Nice Eugene E., 272 S 2d, Phila., Pa.
Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
Patterson-Sargent Co., 1325 E 38th. Cleveland, O.
Patton Paint Co. (Asbestos), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av,, Phila., Pa.
Postal Paint & Color Co., 9420 Meech av, Cleveland, O.
Price Fire & Water Proofing Co. ("Fire Foe" For Wood & Interior Decoration), Poughkeepsie, N. Y.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros. Paint Works, Inc., Gray's Ferry rd & Grove, Phila., Pa.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("199 C. W." Paint), 320 5th av, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Refining Co., 1291 W 11th, Cleveland, O.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co., Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"). Denver. Colo.

10547— Paints (Flat Wall)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Butler J. G., Bldrs'. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Certain-teed Products Co., Boatman's Bank bldg, St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, New York
Continental Products Co., Quebec av, Cleveland, O.
Detroit Graphite Co. ("Degracotone"), 10 12th, Detroit, Mich.
Enterprise Paint Mfg. Co. ("Satin Finish"), 333 S. Peoria, Chicago, Ill.
Goheen Corp., 25 W 43d, New York
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Nice Eugene Co., 272 S 2d, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av., Phila, Pa.
Rinald Bros. Paint Works, Inc. ("Unicoat"), Gray's Ferry rd & Grove, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
THOMSON WOOD FINISHING CO. ("Sanotone"), N 3rd, Phila., Pa.
See adv index at end of book
WOOLSEY C. A. PAINT & COLOR CO. ("Menitone"), 490 Grand, Jersey City, N. J.

10547a—*Paints (Floor Concrete)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Butler J. G., Bldrs'. Supply Co., 24 Congress W, Savannah, Ga.
Concrete Waterproof Paint Co., 329 3rd, Phila., Pa. *See adv index at end of book*

PAINTS (FLOOR CONCRETE)—(cont.

"PENETRITE"
FLOOR FINISH
In either gloss or flat
Making concrete floor dustproof, washable and at the same time protecting and beautifying them.
In Red, Gray, White. Special colors in quantity made to order
CONCRETE WATERPROOF PAINT CO.
329-335 N. 3rd St. Phila., Pa.

KING-KARBO PRODUCTS CORP., 208 6th av, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320H 5th av, New York

10548—Paints for Coating & Preserving Iron & Steel

Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.
Acme White Lead & Color Wks., St. Aubins & M. C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 736 Washington blvd, Chicago, Ill.
Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Allen Anti-Rust Mfg. Co., Dept H, Covington, Ky.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York.
American Cold Japan Co., Pittsburgh, Pa.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av. & E 65th, Cleveland, O.
Arlington Mfg. Co. ("Carbonelastic" Coating), Canton, O.
Atlas Paint Co., Nashville, Tenn.
Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
Barrett Co. ("Everjet Elastic," "Monitor" Metal), 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Bethlehem Steel Co. ("Cunningham" Coal Tar), S Bethlehem, Pa.
Billings-Chapin Co. ("Rustnought"), Cleveland, O.
BINSWANGER B. & CO. (M. P. Coating), 329 N Third, Phila., Pa.
Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Blocki-Brennan Refining Co. ("Carboxide" Elastic Metal Preserver), 11 N La Salle, Chicago, Ill.
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Bradford Jas. Co., Wilmington, Del.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Burgess, Fobes & Co., Portland, Me.
Butler J. G., Bldrs'. Supply Co., 24 Congress W, Savannah, Ga.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Carbon Paint Co. ("C. P. P."), Felt bldg, Salt Lake City, Utah
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chatfield Mfg. Co. ("Carbo" Black Enamel), Carthage, Cincinnati, O.
Chattanooga Paint Co. (Ore), Chattanoga, Tenn.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, New York
Chilton Paint Co., College Point, L. I., N. Y.
Climax Refining Co., Williamson bldg, Cleveland, Ohio.
Clinton Metallic Paint Co., Clinton, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Connors Wm. Paint Mfg. Co. ("American Seal" Anti-Rust), **Troy, N. Y.**
Conrad Wood Preserving Co., 118 Plymouth av, Minneapolis, Minn.
Continental Products Co., Quebec av, Cleveland, O.
Cooledge F. J. & Sons, Atlanta, Ga.
Cuirass Products, Ltd., 1128 World bldg, New York
Debevoise Company, 968 Grand, Brooklyn, N. Y.
Detroit Graphite Co., 10 12th, Detroit, Mich.
Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co. ("Dixon's" Silica-Graphite), Jersey City, N. J.
Doggett Stanley, 11 Cliff, New York
Du Pont E. I. de Nemours & Co., Inc., Sales Dept., Paint & Varnish Sec. (Iron & Steel Work), Wilmington, Del.
See adv index at end of book
Eagle Paint & Varnish Co. (Guaranteed Structural), 225 Galveston, Pittsburgh, Pa.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Elaterite Paint & Mfg. Co. ("Des Moines" Elaterite), Des Moines, Ia.
Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.
Federal Process Co., Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Glidden Co., Madison av & Berea rd, Cleveland, O.
Goheen Mfg. Co. (Carbonizing Coating), Canton, O.
Great Lakes Refining Co. ("Jet Black"), 5716 Euclid av, Cleveland, O.
Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Hardy Paint & Varnish Co., Toledo, O.
Hascall Paint Co., W 70th, Cleveland, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Hydrex Felt & Engineering Co., 120 Liberty, New York
Imperial Paint Co. ("Impaco"), 80 10th, Long Island City, N. Y.
Iowa Paint Mfg. Co., Fort Dodge, Ia.
Ironsides Co., Columbus, O.
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Johnston R. F. Paint Co., Pearl & Main, Cincinnati, O.
Jones Paint Co. ("Elastic Enamel"), Rome, N. Y.
Kay & Ess Co., Dayton, O.
Keystone Albumen & Paint Co., 1846 N Marston, Phila., Pa.
Keystone Paint & Filler Co., Muncy, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Long Chas. R., Jr., Co., Louisville, Ky.
Lowe Bros. Co., Dayton, O.
Lucas John & Co. ("Metafife"), 322 Race, Phila., Pa.
McNaughton Wm. D., 185 Oakland, Brooklyn, N. Y.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Means & Thatcher ("Thermolin"), Norfolk Downs, Quincy, Mass.
Minwax Co., 18 E 41st, New York
Monarch Paint Co., W 70th, Cleveland, O.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Roofing Co. ("Egyptian," "Corporation," "Black Knight"), Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Nubian Paint & Varnish Co. ("Carbonkote," "Brewice" for Ice Cans, Brine Tanks & Ammonia Pipes, etc.), 1856 Leclair av, Chicago, Ill.
Ohio Chemical Co., Findlay, O.
Ohmlac Paint & Refining Co., 140 S. Dearborn, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" Graphite, etc), 1742 N Winchester av, Chicago, Ill.
Parker C. H. Co., Valparaiso, Ind.
Patterson-Sergent Co. ("Nobrac"), 1325 E 38th, Cleveland, O.
Patton Paint Co. ("Ironhide"), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av., Phila., Pa.
Popplein G. & N., 220 Guilford, Baltimore, Md.
Preservative Products Co. ("Esco"), 1133 B'way, New York
Prince James H. Paint Co., 5 Lancaster, Boston, Mass.
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Protectus Paint Co., North American bldg, Phila., Pa.
PROTEXOL CORPORATION, 41 Barclay, New York
Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.
Reeder Jno. S. (Cold Japan), Hamilton, O.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
Reiseman Mfg. Co. (Ltd.), ("Eclipse"), Franklin, Pa.
Reliance Paint Co., 357 Bond, Brooklyn, N. Y.
Republic Paint & Lead Works, 5716 Euclid av, Cleveland, O.
Rezilite Mfg. Co. ("Rezilite"), People's Gas bldg, Chicago, Ill.
Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
Rinald Bros. Paint Wks. Inc. ("Bessemer" Rustproof), Gray's Ferry road & Grove Phila., Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Rubber Paint Co., cor Warner & Wooster, Baltimore, Md.
St. Louis Surfacer & Paint Co. ("Metalsteel"), Arlington & Terminal & Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Semet-Solvay Co. ("Crysolite"), Syracuse, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Shoemaker Robt. & Co., 4th & Race, Phila., Pa.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Smith Edw. & Co., 127 W av, Long Island City, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Southwestern Paint & Varnish Co., Kansas City, Mo.
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Standard Paint Co. ("Flexite"), 233 B'way, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sterling Varnish Co. (Black Iron Enamel). Fulton bldg, Pittsburgh, Pa.
Stickney J. W & Co., 31 Milk, Boston, Mass.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Swift Paint Co. ("Black Giant," Front End Enamel), 10550 Euclid av, Cleveland, O.
Thompson & Co. ("Diamond"), 857 W North, Pittsburgh, Pa.
Toch Bros. ("Tockolith" & "R. I. W."), 320 5th av, N S, New York
Tropical Paint & Oil Co. ("Elastikote" "Toco" Graphite), W 70th, Cleveland, Ohio
Trus-Con Laboratories, Caniff & Grant R. R., Detroit, Mich.
Tucker Mfg. Co., 17 E 137th, New York
Ulster Paint Works, Ellenville, N. Y.
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
United States Refining Co., 1291 W 11th Cleveland, O.
VULCAN FUEL ECONOMY CO., 828 B. Transportation bldg, Chicago, Ill.
Vulcanite Roofing Co. ("W. & P."), 16th & Texas, San Francisco, Cal.
Wadham's Oil Co., 359 Clinton, Milwaukee, Wis.
Wadsworth-Howland Co. ("Bay State" Steel & Protective Coating), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Paint & Color Co., Nashville, Tenn.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co. (Red & Oxide Metallic), Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10549— Paints (Freight Car)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co. The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Clinton Metallic Paint Co., Clinton, N. Y.
Cuirass Products Ltd., 1128 World bldg, New York
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York

10550— Paints (Fume Proof)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Jones Paint Co., Rome, N. Y.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Redmanol Chemical Products Co., 636 W 22nd, Chicago, Ill.
Standard Paint Co., 233 B'way, New York
Toch Bros., 320 5th av, New York
Trus-Con Laboratories, Detroit, Mich.

Paints (Gold)

See Paints, Aluminum & Gold

10551— Paints (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
Acme White Lead & Color Works, St. Aubin & M. C. R.R., Detroit, Mich.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland, Ohio.
Arlington Mfg. Co., Canton, O.
Atlantic Paint Co., Cleveland, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
BINSWANGER B. & CO., 329 N 3rd, Phila. Pa.
Blayz Paint & Varnish Co., The ("Blayz"), 630-652 Spencer, Toledo, O.
See adv index at end of book
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Bradford Jas. Co., Wilmington, Del.
Brown Chas H. Paint Co., 262 Fulton, Brooklyn, N. Y.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Butler J. G. Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Carbon Paint Co. ("C. P. P."), Felt bldg, Salt Lake City, Utah
Certain-teed Products Corp, Boatmen's Bank bldg, St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chilton Paint Co., College Point, L. I., N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Continental Products Co., Quebec av, Cleveland, O.
Cooledge F. J. & Sons, Atlanta, Ga.
Detroit Graphite Co. ("Superior"), 10 12th, Detroit, Mich.
Detroit White Lead Works, 560 E. Milwaukee, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Paint & Varnish Section), Wilmington, Del. *See adv index at end of book*
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
French Sam'l H. & Co., 5th & Callowhill, Phila., Pa.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Goheen Corp., 25 W 43rd, New York
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Jones Paint Co., Rome, N. Y.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Duquesne" & "Lawrence"), Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Aztec"), Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Miller & Graham, 21 S Gay, Baltimore, Md.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Newport Rolling Mill Co., Newport, Ky.
Nice Eugene E., 272 S 2d, Phila., Pa.
Ohio Filler & Shield Co., 522 City av, Columbus, O.
Otley Paint Mfg. Co. (Mixed in Oil), 1742 N Winchester av, Chicago, Ill.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Postal Paint & Color Co., 9420 Meech av, Cleveland, O.
Richmond Bros., 616 Main, Cincinnati, O.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros. Paint Wks. Inc., Gray's Ferry road & Grove, Philadelphia, Pa.
Robinson Paint Co., Aurora, Ill.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Thompson & Co., 857 W North av, Pittsburgh, Pa.
Tropical Paint & Oil Co. ("Toco"), W 70th, Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Paints (Heat Resisting)

See Paints, Fire Resisting

Paints (Hydraulic)

See Waterproofing Materials

10552— Paints (Ice Can)

Allen Anti-Rust Mfg. Co., Dept. H, Covington, Ky.
Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.
Arco Co., Euclid av & E 65th, Cleveland, Ohio.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Black Diamond Paint & Varnish Works ("Vol-Ka-No" Black), 1219 Bank, Cincinnati, O.
Cambria Paint & Color Co., Johnstown, Pa.
Federal Process Co., Cleveland, O.

10553— Paints (Insulating)

See also Varnishes, Insulating

Acme White Lead & Color Works, St. Aubin & M. C. R.R., Detroit, Mich.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Barrett Co. (Electrical), 17 Battery pl, New York.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chesapeake Oil Co., Ostend & Leadenhall, Baltimore, Md.
Chicago Mica Co. ("Champion"), Valparaiso, Ind.
Cuirass Products Ltd., 1128 World bldg, New York
Defiance Mfg. Co., 22 E 41st, New York
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Glidden Co., Madison av & Berea rd, Cleveland, O.
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Hanna Paint Mfg. Co., Columbus, O.
Insulatine Co., 1 Broadway, New York
Insulating Materials Co., 805 Wesson av, Detroit, Mich.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Lehon Co., 4451 South Oakley av, Chicago, Ill. *See adv index at end of book*
Mica Insulator Co. ("M. I. C.," "Linolac"), 68 Church, New York
Mitchell-Rand Mfg. Co., 18 Vesey, New York
Nice Eugene E., 272 S 2d, Phila., Pa.
Ohmlac Paint & Refining Co. ("Insulaterite"), 140 S Dearborn, Chicago, Ill.
Paragon Insulating Co., 5716 Euclid, Cleveland, O.
Patent Vulcanite Roofing Co. ("Elite" & Mineral Compound), 2256 W 49th, Chicago, Ill.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Protectus Paint Co., North American bldg, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Southwestern Paint & Varnish Co., Kansas City, Mo.
Standard Paint Co. ("P. & B."), 232 B'way, New York
Standard Varnish Works, 90 West, New York.
Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320 5th av, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth-Howland & Co., 141 Federal, Boston, Mass.

10554-5—Paints (Iron Oxide)

Allentown Mfg. Co., Allentown, Pa.
Antox Paint Co., Indianapolis, Ind.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Iron-ox"), 2502 S Paulina, Chicago, Ill.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
BINSWANGER B. & CO. ("Sanaloid"), 329 N 3d, Phila., Pa.
Butler J. G. Bldrs. Supply Co., 24 Congress W., Savannah, Ga.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chilton Paint Co., College Point, L. I., N. Y.
Clinton Metalic Paint Co., Clinton, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Goheen Corp., 25 W 43rd, New York
Hammond Process Co. ("Ferox"), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Jamestown Paint & Varn. Co., Jamestown, Pa.
Jenkins Paint & Oil Co., Norfolk, Va.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Gold Star," "Lawrence," "Norwood," "Du-Kane" Red), W. Carson, Pittsburgh, Pa.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rossie Iron Ore Paint Co. ("Rossie" Red Oxide Ore), Ogdensburg, N. Y.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Trus-Con Laboratories, Caniff & Grant R. R., Detroit, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

Paints (Iron Resisting)

See Paints, Rust Proof

10556—Paints (Locomotive)

See also Paints for Coating & Preserving Iron & Steel

Bass-Hueter Paint Co., 816 Msision, San Francisco, Cal.
California Paint Co., Oakland, Cal.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Goheen Corp., 25 W 43rd, New York
Jones Paint Co., Rome, N. Y.
Patton Paint Co., Milwaukee, Wis.

10557—Paints (Machinery)

See also Paints for Coating & Preserving Iron & Steel

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Cambria Paint & Color Co., Johnstown, Pa.
Carbon Paint Co. ("C. P. P."), Felt bldg, Salt Lake City, Utah
Cheesman-Elliott Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Continental Products Co., Quebec av, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
PROCTOR & SCHWARTZ INC. (Drying), 7th & Tabor road, Phila., Pa.
WOOLSEY C. A. PAINT & COLOR CO., 490 Grand, Jersey City, N. J.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York

10558-9-60—Paints (Marine)

See also Paints, Copper

Allentown Mfg. Co., Allentown, Pa.
Amalgamated Paint Co. ("Amalco," "Amalgamated," House & Structural), Pier 11, North River, New York
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Antakwa Co., 133 W Washington, Chicago, Ill.
Arco Co., Euclid av & E 65th, Cleveland, Ohio

PAINTS (MARINE)—continued)
Arlington Mfg. Co., Canton, Ohio
Aspinwall Geo. H. (Inc.), Cornelison, Jersey City, N. J.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Bitu-Mo-Lin Products Co., Seattle, Wash.
Bledell Composition Co., 818 Mission, San Francisco, Cal.
Bredell's Composition Co., 521 Washington, New York
Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Butler J. G. Bldrs. Supply Co., 24 Congress W., Savannah, Ga.
Cambria Paint & Color Co., Johnstown, Pa.
California Paint Co., Oakland, Cal.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chicago Varnish Co. ("Supreme" Bottom), 2100 Elston av, Chicago, Ill.
Chilton Paint Co., College Point, L. I., N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Continental Products Co., Quebec av, Cleveland, O.
Crockett D. B. Co., Bridgeport, Conn.
Cuirass Products Ltd., 1128 World bldg, New York
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Federal Composition & Paint Co., Ltd., 17 Battery pl, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Gardiner Paint Co. ("Am McInnes"), 258 B'way, New York
Glidden Co., Madison av & Berea rd, Cleveland, O.
Hammond Process Co. ("Ferox" "Iron Oxide"), Norwich, Conn.
Hardy Paint & Varnish Co. ("Great Lakes"), Toledo, O.
Holzapfel's Am. Compositions Co., 18 B'way, New York
International Compositions Co., 18 B'way, New York
Jenkins Paint & Oil Co. (Merrimac), Norfolk, Va.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lowe Bros. Co., Dayton, O.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Moore, Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nansen Composition & Paint Co., 44 Pearl, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene S., 272 S 2d, Phila, Pa.
Paraffine Companies, Inc., The ("Pabco" Marine Paints), 34 1st, San Francisco, Cal.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Postal Paint & Color Co., 9420 Meech av, Cleveland, O.
Protectus Paint Co., N American bldg, Phila., Pa.
Protexol Corp., 41 Barclay, New York
Red Hand Compositions Co., Inc. ("Red Hand"), 1 B'way, New York
Reliance Paint Co., 357 Bond, Brooklyn, N. Y.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., Paint Works Inc., Gray's Ferry road & Grove, Phila., Pa.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Standard Varnish Works, 90 West, New York
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
Toch Bros. ("R. I. W." & "Plastic Tockolith"), 320 5th av, New York
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveand, O.
Williams, William E. ("Websters"), 62 Front, New York
Winn Wm. R. (Spar, etc), 488 Cherry, New York
WOOLSEY C. A. PAINT & COLOR CO., 490 Grand, Jersey City, N. J.

Paints (Metal Protecting)

See Paints for Coating & Preserving Iron & Steel; also Paints, Iron Oxide; also Paints, Graphite

10561—Paints (Mill White)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
Cambria Paint & Color Co., Johnstown, Pa.
Certain-teed Products Co., Boatmans Bank bldg, St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Continental Products Co., Quebec av, Cleveland, O.
Detroit Graphite Co. ("Sta-White"), 10 12th, Detroit, Mich.
Moore, Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
Oxidite Mfg. Co., Arlington, Mass.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
THOMSON WOOD FINISHING CO., 329 N Third, Phila., Pa.
See adv index at end of book

MILL FLAT AND MILL CLOSS WHITE

Stays white—covers wonderfully — washable. Brightens your workshop, making it more cheerful.

THOMSON WOOD FINISHING CO.

329-335 N. 3rd St., Phila., Pa.

Sole Mfrs. of "Porcelite"

Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10561a— Paints (Mineral)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
Atlas Paint Co., 101 Park av, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Briggs John & Co., 45 Purchase, Boston, Mass.
Butler J. G. Bldrs. Supply Co., 24 Congress W., Savannah, Ga.
Cambria Paint & Color Co., Johnstown, Pa.
Certain-Teed Products Corp., St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Erwin Henry & Sons, Bethlehem, Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Hampden Paint & Chemical Co., Springfield, Mass.
Iowa Paint Mfg. Co., Fort Dodge, Ia.
Lookout Paint Mfg. Co., Chattanoga, Tenn.
Macneal Jas. B. & Co., Warner and Wooster, Baltimore, Md.
Moore, Benjamin & Co., 231 Front, Brooklyn, N. Y.
National Roofing Co., Tonawanda, New York
Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
Robinson Paint Co., Aurora, Ill.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
St. Louis Surface & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
Semet-Solvay Co., Syracuse, N. Y.
Westmoreland Chemical & Color Co., S E cor 22nd & Westmoreland sts, Phila., Pa.
Wilbur J. Co., Providence, R. I.

10562—Paints (Mixed for Export)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland, O
Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Briggs John & Co., 45 Purchase, Boston, Mass.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Carrara Paint Co., Barberton, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Detroit Refining Co., Majestic bldg, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Martin-Senour Paint Co., 2520 Quarry, Ill.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Rinald Bros. Paint Wks. Inc., Gray's Ferry road & Grove, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
WOOLSEY C. A. PAINT & COLOR CO. ("Peerless"), 490 Grand, Jersey City, N. J.

10563— Paints (Oil)

Arlington Mfg. Co., Canton, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
BINSWANGER B. & CO., 329 N. Third, Phila., Pa.
Butler J. G. Bldrs. Supply Co., 24 Congress W., Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Conn. Metal & Chemical Co., East Berlin, Conn.
Devoe & Raynolds Co., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln Climatic"), Lincoln, Neb.
Moore Benj. & Co. ("Sani-Flat" Oil), 231 Front, Brooklyn, N. Y.
Muralo Company, Rich. Ter., New Brighton, Borough of Richmond, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
Prince James H. Paint Co., 5 Lancaster, Boston, Mass.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Ulster Paint Works, Ellenville, N. Y.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
West Coast Kalsomine Co. ("Wesco" Flat Oil), West Berkeley, Cal.

10563a— Paints (Oxide)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Butler J. G. Bldrs. Supply Co., 24 Congress, W. Savannah, Ga.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Elastic Compound Paint Co. ("Elastic Compound," Red), 5131 Kershaw, Philadelphia, Pa.
McNulty Joseph A., 114 Liberty, New York
See adv index at end of book
Moore, Benjamin & Co., 231 Front, Brooklyn, N. Y.
Spirittine Chemical Co. ("Spirittine"), Wilmington, Del.

10563b— *Paints (Preservative Wood)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Butler J. G. Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Cuirass Products Ltd., 1128 World bldg, New York
PROTEXOL CORPORATION (formerly Carbolineum Wood Preserving Co.), 41 Barclay, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York

10563c—Paints (Preserving)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.

Cambria Paint & Color Co., Johnstown, Pa.
Carey Philip Mfg. Co. (Black), 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Cheesman-Eliot Co., 23 Flatbush av, Brooklyn, N. Y.
Cuirass Products Ltd., 1128 World bldg, New York
Paraffine Companies, Inc., The ("Pabco" Preservative Paints), 34 1st, San Francisco, Cal.
Protexol Corp., 41 Barclay, New York

10563d—Paints (Ready Mixed & Household)

Atlastic Paint Mfg. Co. ("Atlastic"), 1007 Marquette av, Minneapolis, Minn.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliott Co., 23 Flatbush av, Brooklyn, N. Y.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Conn. Metal & Chemical Co., East Berlin, Conn.
DU PONT E. I. de NEMOURS & CO. INC. (Sales Dept., Paint & Varnish Section), Wilmington, Del.
See adv index at end of book
Goheen Corp., 25 W 43rd, New York
Newport Rolling Mill Co., Newport, Ky.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Shoemaker Robt. & Co. Inc. ("Imperial"), 4th & Race, Phila., Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10564— Paints (Roofing)

Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Alcatraz Co., Inc. ("Blackat"), 3200 Williamsburg av, Richmond, Va.
Allen Anti-Rust Mfg. Co., Dept. H, Covington, Ky.
American Cold Japan Co., Pittsburgh, Pa.
American Roofing Co., Kansas City, Mo.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland,
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Negrite"), 2502 S Paulina, Chicago, Ill.
Asphalt Roofing Co. ("Wanigas"), Saginaw, Mich.
Baker Wm. T. ("Staona," "Metal Coat"), 224 Suydam av, Jersey City, N. J.
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
BINSWANGER B. & CO., 329 N 3d, Phila., Pa.
Bit-Mo-Lin Products Co., Inc., Seattle, Wash.
Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.
Blayz Paint & Varnish Co. ("Blayz"), Spencer, Toledo, Ohio
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Bradford James Co., Wilmington, Del.
Buckeye Paint & Varnish Co., Toledo, O.
Butler J. G. Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Carbon Paint Co. ("C. P. P."), Felt bldg, Salt Lake City, Utah
CAREY PHILIP MFG. CO., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp. ("Certain-teed"), St. Louis, Mo.
Chatfield Mfg. Co. (Asphalt), Carthage, Cincinnati, O.
Chattanooga Paint Co. (Ore), Chattanooga, Tenn.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Chilton Paint Co., College Point, L. I., N. Y.
Cleveland Iron Ore Paint Co., Cleveland, Ohio
Clinton Metallic Co., Clinton, N. Y.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Continental Paint & Mfg. Co. ("Rockalyte"), Cleveland, O.
Continental Products Co., Quebec av, Cleveland, O.
Cooledge F. J. & Sons, Atlanta, Ga.
Débevoise Company, 968 Grand av, Brooklyn, N. Y.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Detroit Refining Co., Majestic bldg, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Duristo Paint Co. ("Duristo"), Newport News, Va.
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Iowa
Elliot Varnish Co. ("Asbestos"), 1013 S Kolmar av, Chicago, Ill.
Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.
Farwell, Ozmun, Kirk & Co., St. Paul, Minn.
Federal Process Co. ("Herm-I-Seal"), Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Gibson-Homans Co., 2366 Woodhill rd, S E, Cleveland, O.
Goheen Corp., 25 W 43rd, New York
Great Lake Refining Co. ("Jet Black" Elastic), 5716 Euclid, Cleveland, O.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Hammond Asphalt Products Co., Hammond, Ind.
Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Hascall Paint Co. ("Thermalite"), W 70th, Cleveland, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Heppes Roofing Division, The Richardson Co., Lockland, Ohio
Hetzel J. G., Est. of, 67 Main ("Rub on Paint"), Newark, N. J.
Horn A. C. Co., Horn bldg, Long Island City, N. Y.
Howell Chas. H. & Co., 212 Race, Phila., Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Ilsley, Doubleday & Co., 229 Front, New York
Ironsides Co., Columbus, O.
JONES PAINT CO. ("Roofcoat" & "Liquid Stopleak"), Rome, N. Y.
Kay & Ess Co., Dayton, Ohio
Keystone Roofing Mfg. Co., York, Pa.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Klein Mfg. Co. ("Graphilatum"), American Trust bldg, Cleveland, O.
Knapp E. J. & Co., Belding, Mich.
Koppers Products Co. ("Koppax"), 800H Union Arcade, Pittsburgh, Pa.
Lawrence W. W. & Co. ("Lawrence"), W Carson, Pittsburgh, Pa.
Lehon Co., 4451 W. S., Oakley av, Chicago, Ill.
Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.
Longman & Martinez, 54 Maiden la, New York
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
McHenry-Millhouse Mfg. Co. ("Climax," "Etna"), South Bend, Ind. & Fulton, N. Y.
Maire Paint Co. (Maire's Indestructible Roof Preserver), 329 Boston blk, Minneapolis, Minn.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Means & Thatcher ("Everlasting"), Norfolk Down, Quincy, Mass.
Miller & Graham, 21 S Gay, Baltimore, Md.
Minwax Co., 18 E 41st, New York
Monarch Paint Co. ("Hydro-Carbonite"), W 70th, Cleveland, O.
Moore, Benjamin & Co., 231 Front, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Paint & Varnish Co. ("National Tinners Red"), 3709 Kinsman rd, Cleveland, O.
National Roofing Co. ("N.R.C." Protective Paint), Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice, Eugene E., 272 S 2nd, Phila., Pa.
Oertel Roofing Mfg. Co., E St. Louis, Mo.
Ohio Chemical Co., Findlay, O.
Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" & Mineral), 1742 N Winchester av, Chicago, Ill.
Parker C. H. Co., Valparaiso, Ind.
Patterson-Sargent Co., 1325 E 38th, Cleveland, O.
Patton Paint Co. (Asbestos), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Postal Paint & Color Co., 9420 Meech av, Cleveland, O.
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Protexol Corp., 41 Barclay, New York
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Reeder Jno. S. (Cold Japan), Hamilton, O.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
Richmond Bros. ("O. K.," "Apex"), 616 Main, Cincinnati, O.
Ricketson Mineral Paint Works (Iron Ore), South Bay, Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros. Paint Wks. Inc., Gray's Ferry road & Grove, Phila., Pa.
Rossie Iron Ore Paint Co. ("Rossie" Iron Ore), Ogdensburg, N. Y.
Rubber Paint Co. (Rubber), cor Warner & Wooster, Baltimore, Md.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Sherwin-Williams Co., Cleveland, O.
Sinclair Refining Co. ("Four Bros." Black), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Southwestern Paint & Varnish Co., Kansas City, Mo.
Standard Paint Co., 233 Broadway, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. R. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320 5th av, New York
Tropical Paint & Oil Co. ("Elastikote" & "Tropical Rubber"), W 70th, Cleveland, O.
Trus-Con Laboratories, Caniff & Grant R. R., Detroit, Mich.
Ullmann-Philpott Co., 4805 Lexington, Cleveland, O.
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Refining Co. ("Everlasting Black"), 1291 W 11th, Cleveland, O.
United Roofing & Mfg. Co. ("Congo," "Congoite"), Morris bldg, Phila., Pa.
Usona Mfg. Co. (Asphalt), Aurora, Ill.
Vulcanite Roofing Co. ("W. & P."), 16th & Texas, San Francisco, Cal.
Wadsworth, Howland & Co. ("Bay State," Roof & Barn), 141 Federal, Boston, Mass.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co. (Asbestos), Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10565—*Paints (Rubber Tire)

Northwestern Chemical Co., Marietta, O.

10566—Paints (Rust Proof)

Allen Anti-Rust Mfg. Co. (Smokestack, Tanks, etc.), Dept. H, Covington, Ky.
American Bitumastic Enamels Co. ("Harmastic"), 17 Battery pl, New York
American Chemical Paint Co. ("Deoxidine"), 1126 S 11th, Phila., Pa.
American Cold Japan Co., Pittsburgh, Pa.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av & E 65th, Cleveland,
Arlington Mfg. Co., Canton, O.
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
BINSWANGER B. & CO. (M. P. Coating), 329 N 3d, Phila., Pa.
Butler J. G. Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co., Johnstown, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Chatfield Mfg. Co. ("Carbo" Black Enamel), Carthage, Cincinnati, O.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Cuirass Products Ltd., 128 World bldg, New York
Detroit Graphite Co., 10 12th, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dielectric Mfg. Co. ("W. D. Paint"), 324 S Vandeventer av, St. Louis, Mo.
Dixon Joseph Crucible Co., Jersey City, N. J.
DU PONT E. I. de NEMOURS & CO. INC. (Sales Dept., Paint & Varnish Section), Wilmington, Del.
See adv index at end of book
Durabla Mfg. Co. ("Cosmos"), 114 Liberty New York
Duristo Paint Co. ("Duristo"), Newport News, Va.

PAINTS (RUST PROOF)—continued
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveand, O.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gardiner Paint Co., 258 B'way, New York
Gelien & Co., 120 Liberty, New York
Glidden Co., Madison av & Berea rd, Cleveland, O.
Great Lakes Refining Co. ("Jet Black"), 5716 Euclid, Cleveland, O.
Hascall Paint Co., W 70th, Cleveland, O.
Hetzel J. G., Est. of, 67 Main, Newark, N. J.
Jones Paint Co., Rome, N. Y.
King-Karbo Products Corp., 208 6th av, Pittsburgh, Pa.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lino Paint Co., 16908 Waterloo rd, Cleveland, O.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Monarch Paint Co., W 70th, Cleveland, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Rinald Bros. Paint Wks. Inc., Gray's Ferry road & Grove, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Standard Varnish Works, 90 West, New York
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

10567-8-9—Paints (Sheep)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
St. Paul White Lead & Oil Co. ("Lion" for **Sheep Branding), Water & Starkey, St. Paul, Minn.**

Paints (Shingle)

See Shingle Stains

Paints (Smokestack)

See Paints for Coating & Preserving Iron & Steel, also Fire Resisting; also Rust Proof

10570—Paints (Steam-Proof)

Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, Ohio
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blenio Products Corp. ("Blenio Process"), 220 Fifth av, New York
Buckeye Paint & Varnish Co., Toledo, O.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Jones Paint Co., Rome, N. Y.
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila, Pa.
Minwax Co. ("Minwax"), 18 E 41st, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patton Paint Co., Milwaukee, Wis.
Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros. Paint Works Inc., Gray's Ferry road & Grove, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sonneborn L. Sons ("Amalie"), 263 Pearl, New York
Southwestern Paint & Varnish Co., Kansas City, Mo.
Star Lubricating Oil Co., 3714 B'way, Cleveland, O.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Tech Bros. ("R. I. W."), 320 5th av, New York
Trus-Con Laboratories, Caniff & Grant R. R., Detroit, Mich.
United States Graphite Co., Saginaw, Mich.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Zibell Damp Resisting Paint Co., 191 Culver av, Jersey City, N. J.

10571a—Paints (Technical)

American Wood Preserving Co., 1351 N Branch, Chicago, Ill.
Cambria Paint & Color Co., Johnstown, Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Corol Co., 127 N Dearborn, Chicago, Ill
Debevoise Co., 363 Grand av, B'klyn, N. Y.
Goheen Corp., 25 W 43d, New York
Lowe Bros. Co., Dayton, O.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Standard Paint Co., 233 B'way, New York
Toch Bros., 320 5th av, New York
Trus-Con Laboratories, Detroit, Mich.

10572—Paints (Teredo-Proof)

See also Wood Preservatives

Protexal Corp., 41 Barclay, New York
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

10573—*Paints (Trolley Pole)

See also Paints for Coating & Preserving Iron & Steel

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
BINSWANGER B. & CO., 329 N Third, Phila., Pa.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Cuirass Products Ltd., 128 World bldg, New York

10573a—*Paints (Water-Color—Toy & School)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Insulating Materials Co., 805H Wesson av, Detroit, Mich.
Japanese Water Color Co. (Transparent), 31 Exchange, Rochester, N. Y.
Johnston, J. W. ("Snow White", Marking Fluid), New Arts bldg, Rochester, N. Y.

10573b—Paints (Wood Preserving)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, O.
See adv index at end of book
Cambria Paint & Color Co., Johnstown, Pa.
Cabot Samuel, Inc., 141 Milk, Boston, Mass.
Cheesman-Elliot Co., 23 Flatbush av, Brooklyn, N. Y.
Cuirass Products Ltd., 1128 World bldg, New York
Koppers Products Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
PROTEXOL CORPORATION, formerly Carbolineum Wood Preserving Co., 41 Barclay, New York
Semet-Solvay Co., Syracuse, N. Y.
Standard Paint Co., 233 B'way, New York
Toch Bros. 320 5th av, New York

10574— Palettes

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stirrup Manfg. Co., Inc. ("Eclipse," "Ideal," "Duplex," "Gold" for China Painters), Market st, Newark, N. J.

10575— Palladium

Foote Mineral Co. (Imp.), 109 N 19th, Phila., Pa.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

10576— Pallets (Brick)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Mershon Eddy Parker Co. (Wood), Saginaw, Mich.
Newport Rolling Mill Co., Newport, Ky.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, O.
Union Spring & Mfg. Co., New Kensington, Pa.

10577— Pallets (Lettering)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

10578— Palms (Sailors')

Montauk Leather Specialty Co., 149 N 1st, Brooklyn, N. Y.
Stevens Walter B. & Son, 107 Chambers, New York
Union Hardware Co., Torrington, Conn.

Panel Boards

See Switchboards, Light & Power

10578a— *Panels (Furniture)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

10579— Panels (Protective)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

10580— Panels (Rheostat)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Natl. Elec. Controller Co. (Storage Battery), 154H Whiting, Chicago, Ill.

10580a—*Panels (Stove Door)

Corning Glass Works, Corning, N. Y.
Ingram-Richardson Mfg. Co. (Oven & Broiler Doors, for Gas Ranges), Beaver Falls, Pa.
See adv index at end of book

10581— Panels (Veneer)

Algoma Panel Co., Algoma, Wis.
Carrom Co. (Plywood), Ludington, Mich.
Conway Veneeered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Crandall Panel Co., Brockton, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Flora American Plywood Co., Ltd. (Plywood), 165 B'way, New York
Great Eastern Veneer Panel Co. (Birch, Oak, Poplar, Mahogany, Walnut & Gum in All Widths, Lengths & Thicknesses), 47th & 2nd av, Brooklyn, N. Y.
Jamestown Panel Co., Jamestown, N. Y.
Keyes Products Co. ("Nevaslip" Headlinings, Wainscoting, Sheathing, Freight Car Roofs, etc), 120 B'way, New York
Morgan Co. (Built Up), Oshkosh, Wis.
Portland Mfg. Co., ft Richmond, Portland, Ore.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strable Mfg. Co., 537 1st, Oakland, Cal.

10582— Pans (Acid)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Graver Corp., East Chicago, Ind.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Moore Samuel L. & Sons, Elizabeth, N. J.

Pans (Amalgamating)

See Amalgamating Pans & Barrels

10583— Pans (Annealing)

Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Columbiana Boiler Co., Columbiana, Ohio
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Garwood Bronze & Iron Works, Garwood, N. J.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Philadelphia Roll & Machine Co. (Steel), 25th & Washington av, Phila., Pa.

10584—Pans (Automobile Dust)

Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Mullins Body Corp., 341 Franklin, Salem, Ohio
Pettis W. W. Co., 416-417 First Nat'l Bank bldg, Cincinnati, Ohio

10585— Pans (Bed)

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Parker, Stevens & Co. ("Alpha" Rubber), 286 Sheffield av, Brooklyn, N. Y.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

10586-7— Pans (Bread)

Central Stamping Co. ("Puritan"), 172 Fulton, New York
Favorite Stove & Range Co., Piqua, Ohio
Gem Stamped Steel Co. (Deep Drop Side) Chelsea, Mass.
Katzinger Edward Co. (Sanitary Strapped), 122 N Peoria, Chicago, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Maag August Co., 509 W Lombard, Baltimore, Md.
National Enameling & Stamping Co., 411 5th av, New York
Parkersburg Iron & Steel Co., Parkersburg, W. Va.

10588— Pans (Cast Iron)

Devine J. P. Co., Buffalo, N. Y.
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wagner Mfg. Co. ("Wagner Ware"), Sidney, Ohio

10589— Pans (Cement)

Heltzel Steel Form & Iron Co., Warren, O.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.

10590— Pans (Chemical)

American Welding Co. (Crystallizing, etc), Carbondale, Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Graver Corp., East Chicago, Ind.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
McCabe Boiler Works, 195 Commerce, Newark, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co. 28th & R. R., Pittsburgh, Pa.
VITREOUS ENAMELING CHEMICAL CO. (Vitreous Enameled), Cleveland, O.
See adv index at end of book

10591— Pans (Clean-Up)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

10591a—Pans (Concentrating)

Buffalo Foundry & Machine Co. (Sulphuric Acid), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Thermal Syndicate Ltd. (Fused Silica), 59 E 41st, New York

10591b— *Pans (Copper)

ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book

10591c—Pans (Crystallizing)

Beckley Perforating Co., Garwood, N. J.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, 50 Church, New York
See adv index at end of book
General Ceramics Co. 50 Church, New York
Geuder, Paeschke & Frey Co. (Acid), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Knight Maurice A., Akron, O.
Pfaudler Co. (Glass Enameled), Cutler bldg, Rochester, N. Y.
Scientific Utilities Co., 18 E 16th, New York
Struthers-Wells Co. Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Valley Iron Works, 81 E Water, St. Paul, Minn. & Williamsport, Pa.

10592— Pans (Drip)

Aldrich Mfg. Co. (Copper), Buffalo, N. Y.
Allsteelequip Co., Aurora, Ill.
Baker E. & Co., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Central Stamping Co., 174 Fulton, New York
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Ferro Products Co., N. 13th & Wythe av, Brooklyn, N. Y.
Graver Corp. (Jacketed Steam, Salt), East Chicago, Ind.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hall Mfg. Co., Harrison, N. J.
Hayes Mfg. Co., 480 Mayberry, Detroit, Mich.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Ingram-Richardson Mfg. Co. (Dust or Scavenger, Enameled for Gas Range), Beaver Falls, Pa.
See adv index at end of book
King Stove & Range Co., Sheffield, Ala.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
National Enameling & Stamping Co., 411 5th av, New York
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Sanitary Co. (Gas), Dept. H, Linfield, Pa.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sexton Can Co. ("Sexton's" Auto Safety), 123 Broad, Boston, Mass.
Tippett & Wood, Phillipsburg, N. J.
U. S. Stamping Co., Moundsville, W. Va.
Vitreous Enameling Co. (Vitreous Enameled), Grant av, Cleveland, O.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
YOUNGSTOWN PRESSED STEEL CO. (Automobile Oil), Warren, Ohio
See adv index at end of book

10593-4—Pans (Drip, Automobile)

Cleveland Wire Spring Co., 1281 E 38th, Cleveland O.
Gem Stamped Steel Co. (Galvanized), Chelsea, Mass.
Kirk & Blum Mfg. Co. (Sheet Steel), 2850 Spring Grove av, Cincinnati, O.
Pettis W. W. Co., 416-417 First Nat. Bank bldg, Cincinnati, Ohio
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Sayre Stamping Co. (Aluminum), Sayre, Pa.

10595— Pans (Dry)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co., Canton, Ohio
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chisholm, Boyd & White Co. ("Boyd"), 57th & Wallace, Chicago, Ill.
Clearfield Machine Shops, Clearfield, Pa.
Eagle Iron Works ("Eagle"), Des Moines, Ia.
Erie Forge Co. (Shafts), Erie, Pa.
Fate-Root-Heath Co., Plymouth, O.
Fernholtz Brick Machinery Co. ("Eagle"), Boyle & Vandevent av, St. Louis, Mo.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Frost Mfg. Co., Galesburg, Ill.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Pa.
See adv index at end of book
Hadfield-Penfield Steel Co. (The) (Clay Grinding), Bucyrus, O.
See adv index at end of book
International Clay Machy. Co., Dayton, O.
Jackson & Church Co., Saginaw, Mich.
Patterson Foundry & Mach. Co., East Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Stevenson Co., Wellsville, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Taplin-Rice-Clerkin Co., Akron, O.
United Iron Works, Inc. Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

10595a— Pans (Drying)

TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book
Vitreous Enameling Co. (Vitreous Enameled), Grant av, Cleveland, O.
See adv index at end of book

10596— Pans (Dust)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Brown Stamping Co., Toledo, O.
Central Stamping Co. (Steel Edge), 174 Fulton, New York
Delphos Mfg. Co. ("Delphos" Long Handle), 1st & Pierce, Delphos, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eclipse Company, North Girard, Pa.
Foster Sheet Metal Co., Springfield, Ill.
Fries Geo. Sons, 222 S Front, Phila., Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Knapp Mfg. Co., 48 Warren, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Metal Package Corp. of N. Y., 509 5th av, New York
See adv index at end of book
National Enameling & Stamping Co., 411 5th av, New York
Sloan Novelty Mfg. Co. (Long Handle), S W cor 20th & Wyandotte, Kansas City, Mo.
Utility Mfg. Co., Sturgis, Mich.

10597— Pans (Evaporating)

See also Evaporators; also Stoneware, Chemical
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CAMDEN COPPER WORKS, 559 S. 2nd, Camden, N. J.
Duriron Castings Co. ("Duriron," Acid Proof), 90 West, New York
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Griswold Mfg. Co. ("Griswold" Cast Iron & Aluminum), Erie, Pa.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Knight Maurice A. (Acid Proof), Akron, Ohio
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
New York Central Iron Works Co., Inc., Dept. H, Hagerstown, Md.
Southern Plow Co. ("Cook's"), Columbus, Ga.
Stuart & Peterson Co., Burlington, N. J.
TOWNSEND FOUNDRY & MACHINE SHOP CO. (Cast Iron, for Chemical Mfrs., etc), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
Vitreous Enameling Co. (Vitreous Enameled), Grant av, Cleveland, O.
See adv index at end of book

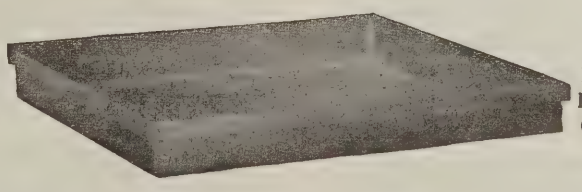
10597a—Pans (Foundry Grinding)

HADFIELD-PENFIELD STEEL CO. (THE), Bucyrus, O.
See adv index at end of book

FOUNDRY GRINDING PANS
Rapid, Economical, Durable, Cheap
The Hadfield-Penfield Steel Co.
Bucyrus, O., U. S. A.

10598— Pans (Fry)

Aluminum Ware Mfg. Co., Inc. (All kinds Paris Padding, etc), Elmira, N. Y.
AMERICAN GAS MACHINE CO. INC. (Folding Handles). Albert Lea, Minn., and 78 Reade, New York
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Cassady Fairbank Mfg. Co. (Double Folding, Aluminum or Steel), 6126 S La Salle, Chicago, Ill.

"VITREOUS"
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CHEMICAL-RESISTING NON-CORROSIVE DURABLE
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PANS (FRY)—continued

Central Stamping Co. ("Sterling" Enameled Ware, etc.), 174 Fulton, New York
Griswold Mfg. Co. ("Griswold," Aluminum), Erie, Pa.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
New England Enameling Co. ("Wont-Burn" Enameled Steel), Middletown, Conn.
New York Stamping Co. ("Acme," "Empire," "Brooklyn" Steel, Cold Handle), N 11th & Berry, Brooklyn, N. Y.
Northwestern Stamping Co. ("Hudson's," Double), Burlington, Ia.
Porcelain Enameling Ass'n of America ("Polar Brand," Enameled), Sheboygan, Wis.
See adv index at end of book
Ray Geo. A., Mfg. Co. (Heavy Copper, etc), Buffalo, N. Y.
Republic Metalware Co. (The), Buffalo, N. Y.
Royal Mfg. Co. ("Royal Corfe"), 406 Commerce, Phila., Pa.
Silver & Co., 394 Hewes, Brooklyn, N. Y.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Strong Mfg. Co., Sebring, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10599-600—Pans (Galvanizing)

Rectigraph Co., 307 St. Paul, Rochester, N. Y. *See adv index at end of book*
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

10601— Pans (Gem)

Favorite Stove & Range Co., Piqua, Ohio
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Wagner Mfg. Co. ("Wagner Ware" Cast Aluminum & Cast Iron), Sidney, Ohio

10602— Pans (Gravel)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Heltzel Steel Form & Iron Co., Warren, O.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pans (Grinding)

See Pans, Dry; also Pans, Wet

10603— Pans (Lathe)

See also Pans, Drip

Allsteelequip Co., Aurora, Ill.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Sheet Steel), 1281 E 38th, Cleveland, O.
Hydraulic Pressed Steel Co. (Pressed Steel), 3152 E. 61st, Cleveland, O.
Kilburne & Jacobs Mfg. Co. (Welded Corners), Columbus, O.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO. (Steel), P. O. Box 136, Painesville, O.
See adv index at end of book

10604— Pans (Lead)

Blaw-Knox, Freeport rd, Hoboken, Pa.
Heggie James G. & Sons (Pressed Steel), Joliet, Ill.
Philadelphia Roll & Machine Co. (Annealing), 25th & Washington av, Phila., Pa.
Vaughn Machinery Co. (& Spelter Wire Galvanizing, Tinning & Annealing), Cuyahoga Falls, O.

10604a— Pans (Mixing)

Aufrichtig, Alois, Copper & Sheet Iron Wks., 900 S 3rd, St. Louis, Mo.
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Stevenson & Co., Wellsville, O.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

10604b— *Pans (Oil)

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

10604c— Pans (Platinum)

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & C. Platinum Works, Malvern, Pa.

10605— Pans (Refrigerator)

Atlantic Stamping Co. ("Atlantic" Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Gem Stamped Steel Co., Chelsea, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
National Refrigerators Co., 827 Kolen av, St. Louis, Mo.
Peoria Can Co., Peoria, Ill.
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10606—Pans (Roasting & Baking)

Favorite Stove & Range Co. (Dutch Ovens), Piqua, Ohio
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10607— Pans (Salt)

Bethlehem Fdry. & Machine Co., South Bethlehem, Pa.
Rapid Evaporating Co., Detroit, Mich.

10608— Pans (Shop)

Allsteelequip Co., Aurora, Ill.
American Bridge Co., 30 Church, New York
Baker E. & Co., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Cleveland Wire Spring Co. (Sheet Steel), 1281 E 38th, Cleveland, O.
Connecticut Blower Co., Inc., 138 Sheldon, Hartford, Conn.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Heltzel Steel Form & Iron Co., Warren, O.
Kilbourne & Jacobs Mfg. Co. (Pressed Steel), Columbus, O.
See adv index at end of book
Koenig Edward L. Co. (Steel), 23 W. Kenzie, Chicago, Ill.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Mullins Body Corp. (Steel), Dept. H, Salem, Ohio
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

10608a—Pans (Steam Jacketed)

Badger E. B. & Sons Co., 75A Pitts, Boston, Mass. *See adv index at end of book*
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Stevens Bros., 85 Liberty, New York
Townsend Foundry & Machine Shop Co., Albany, N. Y.
See adv index at end of book

10609—Pans (Steam Revolving)

Holmberg Chas. & Co., 1439 Austin av, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

10609a— *Pans (Steel Mortar)

Heltzel Steel Form & Iron Co., Warren, O.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book

10609b— *Pans (Subliming)

Roos Chas. A., 429 E 91st, New York

10610—Pans (Sugar Coating)

Colton Arthur Co. (Revolving), 2600H E. Jefferson, Detroit, Mich.

10611—Pans (Sugar Cooling)

Blymer Iron Works Co., Cincinnati, O.
Kilbourne & Jacobs Mfg. Co. (For Refiners), Columbus, O.
See adv index at end of book
Von Pheel, Gilbert Co., Hibernia Bank bldg, New Orleans, La.

10612— Pans (Sweating)

Bethlehem Shipbuilding Corp., Ltd. (Paraffine Wax), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Hammond Iron Works, Warren, Pa.
See adv index at end of book

10613—*Pans (Taper, Steel)

OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*

10614— Pans (Vacuum)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Copper & Brass Works, Cincinnati, O.
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
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Aufruchtig A. Copper Iron Works, 900 S. 3rd, St. Louis, Mo.
BADGER E. B. & SONS CO., 75 Pitts, Boston, Mass.
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Baeuerle & Morris (For the Evaporation of Grain or Paste, etc), 932 N Front, Phila., Pa.
Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Birmingham Machine & Foundry Co., Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Boston Copper Works Co., E Boston, Mass.
Brecht Co. (Steam Jacketed), 1201 Cass av, St. Louis, Mo.
Bucyrus Copper Kettle Works (Copper), Bucyrus, O.
CAMDEN COPPER WORKS, 559 S 2nd, Camden, N. J.
Coldwell-Wilcox Co., Newburgh, N. Y.
Dopp H. W. Co., Buffalo, N. Y.
Duncan Stewart & Co. Ltd., Export Dept., 43 Cedar, New York
Dyer Co., 2031 Euclid av, Cleveland, O.
Elyria Enameled Products Co. (Glass Enameled), Eyria, O.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York
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Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
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Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago Ill.
Harris Arthur & Co. (Copper), 212 N Curtiss, Chicago, Ill.
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Haubtman & Loeb Co. Ltd., 618 Magazine, New Orleans, La.
Hoffman-Ahlers Co, 828 E Pearl, Cinn., O.
Holmberg Chas. & Co. (Confectioners, etc), 1439 Austin av, Chicago, Ill.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co. (Cast Iron & Steel), 4623 Lakeside av, Cleveland, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Krajewski-Pesant Corp., 50 Broad, New York
Kren Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Laubenheimer Co. (Copper & Iron), 17 N La Salle, Chicago, Ill.
Manistee Iron Works Co. (For Salt), Manistee, Mich.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Murphy John H, 643 Magazine, New Orleans, La.
NAZARETH FOUNDRY & MACHINE CO., Nazareth, Pa., & 106 Front, New York
Oat Jos. & Sons, 232 Quarry, Phila., Pa.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Rapid Evaporating Co., Detroit, Mich.
Schaefer E., 1320-22 N 5th, Phila., Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co. ("Sperry" Swing Kettle), Batavia, Ill.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Sugar Machinery Co., Higgins bldg, San Francisco, Cal.
Treadwell Engineering Co., Easton, Pa.
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Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
VITREOUS ENAMELING CO. (Vitreous Enameled), Grant av, Cleveland, O.
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Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
ZAREMBA CO., 505 Niagara Life bldg, Buffalo, N. Y.
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10615— Pans (Wax)

Hammond Iron Works, Warren, Pa.
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10616— Pans (Weigh)

United Iron Works, Inc., Kansas City, Mo.

10617— Pans (Wet)

Clearfield Machine Shops, Clearfield, Pa.
Frost Mfg. Co. ("Frost"), Galesburg, Ill.
Jackson & Church Co., Saginaw, Mich.

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Phillips & McLaren, Pittsburgh, Pa.
United Iron Works, Inc., Kansas City, Mo.
Worthington Pump & Machinery Corp., 115 B'way, New York
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10618— Pantographs

Ashcroft Mfg. Co., 119 W 40th, New York
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

10619—Pantry Windows (Revolving)

Van Kannel Revolving Door Co., 250 W 54th, New York

10619a— *Pants (Cotton)

COUCH COTTON MILLS INC., Atlanta, Ga.

10620— Paper (Absorbent)

Eaton-Dikeman Co. (All Grades), Lee, Mass.
Funke Ferdinand Sons, Evansville, Ind.
Munroe Falls Paper Co., Masillon, O.

10621— Paper (Anti-Rust)

Brown Co., Portland, Me.
Fox Paper Co., Lockland, O.
Robertson C. M. Co., Montville, Conn.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland O., & 538 Brisbane bldg, Buffalo, N. Y.
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10622—Paper (Anti-Tarnish)

Adams Paper Co., Wells River, Vt.
Brown Co., Portland, Me.
Fox Paper Co., Lockland, O.
Greene Paper Co., 5014 Market, Phila., Pa.
Mohawk Valley Paper Co., Little Falls N.Y.
Sorg Paul A. Paper Co., Middletown, O.
Whittlesey F. H. Co. (Tissue), Windsor Locks, Conn.

10623— Paper (Bag)

Brown Co., Portland, Me.
Cheboygan Paper Co., Cheboygan, Mich.
Cleveland-Akron Bag Co., Cleveland, O.
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
DeGrasse Paper Co., Pyrites, N. Y.
Dexter Sulphite Pulp & Paper Co. Dexter, N. Y.
Eddy Paper Co., Three Rivers, Mich.
E-Z Opener Bag Co., Taylorville, Ill.
Fletcher Paper Co., Alpena, Mich.
Hartford City Paper Co. (Greaseproof & Glassine), Hartford City, Ind.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howland Pulp & Paper Corp., Howland, Me.
International Paper Co., 30 Broad, New York
Island Paper Co., Carthage, N. Y.
Jaite Co., Jaite, O.
Lake Champlain Pulp & Paper Co., Plattsburgh, N. Y.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Marseilles Wrapping Paper Co., Marseilles, Ill.
New York & Pennsylvania Co., 200 5th av, New York
Crono Pulp & Paper Co., Bangor, Me.
Raquette River Paper Co., Potsdam, N. Y.
Rogers J. & J. Co., Ausable Forks, N. Y.
Victoria Paper Mills Co., Fulton, N. Y.
Yellow Pine Paper Mill Co., Orange, Tex.

10624— Paper (Bank Note)

Brown L. L. Paper Co., Adams, Mass.
Crane & Co., Dalton, Mass.

10625—Paper (Bankers' Safety)

La Monte Geo. & Son ("National," "Bankers' Safety," "Safety Check"), 61 B'way, New York

10626— Paper (Bible)

Bardeen Paper Co., Otsego, Mich.
Kimberly-Clark Co., Neenah, Wis.
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

10627— Paper (Black)

Brown Co., Portland, Me.
Kimberly-Clark Co., Neenah, Wis.
Lewis J. P. Co., Beaver Falls, N. Y.
Schmidt & Ault Paper Co., York, Pa.

10628—Paper (Black Coated)

American Writing Paper Co., Holyoke, Mass.
Watson H. F. Co. (Waterproof), Erie, Pa.

10629— Paper (Blasting)

Atlas Paper Co., Indianapolis, Ind.
Atlas Powder Co., Wilmington, Del.
Brown Co., Portland, Me.
Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.
Dooley Bros. (Jobbers), 1201 S Washington, Peoria, Ill.
Fleming John G. & Son, Dallas, Texas
Giant Powder Co., Cons., San Francisco, Cal.
Graham Paper Co., 11th & Spruce, St. Louis, Mo.
Herrlinger Paper Co., 211 Main, Cincinnati, O.
Megargee Bros. (Waterproof) Scranton, Pa
National Paper Mills & Filler Co., W 43d & S Racine av, Chicago, Ill.
Paper Mfrs. Co. (Jobbers), 526 Cherry, Phila., Pa.
Queen City Paper Co., 515 Eggleston av, Cincinnati, O.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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Weston Paper & Mfg. Co., Dayton, O.

10630— Paper (Blotting)

Albemarle Paper Mfg. Co. ("World," "Hollywood," "Reliance," "Vienna Moire," "Directoire"), Richmond, Va.
Bardeen Paper Co. (Interleaving), Otsego, Mich.
Crocker, Burbank & Co., Fitchburg, Mass.
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.
Eaton-Dikeman Co. ("Arlington," "Magnet," "Columbian," "Lenox"), Lee, Mass.
Gilbert Frank Paper Co., Waterford, N. Y.
Hampden Glazed Paper & Card Co., (Enameled & Glazed), Holyoke, Mass.
HEWITT C. B. & BROS. (Jobbers), 20 Ferry, New York
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Parker Jos. & Son Co. ("Treasury," "Commercial," "Capitol"), New Haven, Conn.
Richmond Paper Co. ("Climax," "Star" & Enameled), Richmond, Va.

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PAPER (BLOTTING)—continued
Standard Paper Mfg. Co. ("Sterling," "Imperial" & "Standard" Plain; "Royal Worcester" & "Defender" Enameled; "Curi-Curl," "Prismatic" & "Banker's Linen Finish" Embossed), Hull & Canal, Richmond, Va.
See adv index at end of book

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Richmond, Va.
Largest Exclusive Manufacturers

Vinton Wm. H. & Son, Brattleboro, Vt.
Wrenn Paper Co. ("Wrenn's Best," "Wrenn's Record," "Mosaic," "Miami," "Antlers," also "Porcelain" & "Competition" Enameled), Middletown, Ohio

10631—Paper (Blue Print) Mfrs.

See also Blue & Black Prints & Papers

PEASE C. F. CO., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

10632— Paper (Bogus)

Andrews John T. & Co., Penn Yan, N. Y.
Harvey Paper Co., Wellsburg, W. Va.
Hammermill Paper Co. ("Hammermill"), Erie, Pa.
Humphrey & Young, Napanoch, N. Y.
Lawless Paper Co., Rochester, N. Y.
Richmond Robert P., Valatie, N. Y.
Robertson C. M. Co., Montville, Conn.
Schmidt & Ault Paper Co., York, Pa.
Van de Carr Paper Co., Stockport, N. Y.

10633— Paper (Bond)

Aetna Paper Co., Dayton, O.
American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc., "Varsity," 7 Spruce, New York
Beckett Paper Co., Hamilton, O.
Brown Co. ("Nibroc"), Portland, Me.
Brown L. L. Paper Co., Adams, Mass.
Bryant Paper Co., Kalamazoo, Mich.
Carew Mfg. Co., South Hadley Falls, Mass.
Chapin & Gould Paper Co., Springfield, Mass.
Chemical Paper Mfg. Co., Holyoke, Mass.
Crane & Co., Dalton, Mass.
Crocker-McElwain Co., Holyoke, Mass.
Dill & Collins Co., 140 N 6th, Phila., Pa.
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.
East Hartford Mfg. Co., Burnside, Conn.
Eastern Mfg. Co., Bangor, Me.
Esleeck Mfg. Co. (Light Weight, Loft Dried), Turners Falls, Mass.
Everett Pulp & Paper Co., Everett, Wash.
Fox River Paper Co., Appleton, Wis.
Gilbert Paper Co., Menasha, Wis.
Hammermill Paper Co. ("Hammermill"), Erie, Pa.
Hampshire Paper Co., South Hadley Falls, Mass.
Kalamazoo Paper Co., Kalamazoo, Mich.
Keith Paper Co., Turners Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
International Paper Co., 30H Broad, New York
La Monte Geo. & Son ("Anchor," "La Monte" Safety), 61 B'way, New York
Lee Paper Co. (Loft Dried), Vicksburg, Mich.
Marathon Paper Mills Co., Rothchild, Wis.
Millers Falls Paper Co., Millers Falls, Mass.
Mountain Mill Paper Co., Lee, Mass.
Munising Paper Co., Munising, Mich.
Neenah Paper Co., Neenah, Wis.
Oglesby W. B. Paper Co. ("Corduroy"), Middletown, O.
Parsons Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Rising B. D. Paper Co. ("Housatonic," "Barrington" & "Danish"), Housatonic, Mass.
Riverside Fibre & Paper Co., Appleton, Wis.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Southworth Co., Mittineague, Mass.
Strathmore Paper Co., Mittineague, Mass.
Taylor-Atkins Paper Co., Burnside, Conn.
Taylor-Logan Co. ("Public Service"), Holyoke, Mass.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Valley Paper Co., Holyoke, Mass.
Weston Byron Co. ("B. W. Defiance"), Dalton, Mass.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.
Worthy Paper Co. Assn., Mittineague, Mass.
Wroe W. E. & Co. (Construction Bond Special Water Marks for the Trade), 3630 Iron, Chicago, Ill.

10634— Paper (Book)

Advertisers Paper Mill, Holyoke, Mass.
Alexandria Paper Co., Alexandria, Ind.
American Writing Paper Co., Holyoke, Mass.
Amoskeag Paper Mill Co., Manchester, N. H.
Antietam Paper Co., Hagerstown, Md.
Bardeen Paper Co., Otsego, Mich.
Bare D. M. Paper Co., Roaring Spring, Pa.
Barnes Paper Mills, Rochester, Mich.
Bergstrom Paper Co. (Machine Finished & Super Calendered), Neenah, Wis.
Bryant Paper Co. (Super & Machine Finish), Kalamazoo, Mich.
Bulkley, Dunton & Co., 75 Duane, New York
Cantine Martin Co., Saugerties, N. Y.
Champion Coated Paper Co., Hamilton, O.
Champion International Co. (Enameled), Lawrence, Mass.
Contoocook Valley Paper Co., West Henniker, N. H.
Crocker, Burbank & Co., Fitchburg, Mass.
Curtis & Bro. (Rag), Newark, Del.
Dill & Collins Co., 140 N 6th, Phila., Pa.
District of Columbia Paper Mfg. Co. (All Rag Deckle Edge), 3255 K N W, Washington, D. C.
Emerson Paper Co., Sunapee, N. H.
Everett Pulp & Paper Co. (Machine Finished & Super Calendered), Everett, Wash.
Fitchburg Paper Co., Fitchburg, Mass.
French Paper Co., Niles, Mich.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Gilbert Frank Paper Co., Waterford, N. Y.
Glatfelter P. H. Co., Spring Grove, Pa.
Hamilton W. C. & Sons, Wm. Penn, Pa.
Harmon Paper Co., Brownville, N. Y.
Hartford Paper Co., Hartford, Conn.
Heer Peter Paper Box Co., 56 W Kinzie, Chicago, Ill.
Holden Paper Co., Newburgh, N. Y.
International Paper Co., 30H Broad, New York
Jessup & Moore Paper Co., Commercial Trust bldg, Phila., Pa.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King-Paper Co., Kalamazoo, Mich.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Mead Pulp & Paper Co., Dayton, O.
Merrimac Paper Co. (Enameled), Lawrence, Mass.
Miamisburg Paper Co., Miamisburg, O.
Michigan Paper Co., Plainwell, Mich.
Millers Falls Paper Co., Millers Falls, Mass.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Monarch Paper Co., Kalamazoo, Mich.
Moorhouse R. T., 2655 Bridge, Phila., Pa.
Nashua River Paper Co., Pepperell, Mass.
New York & Pennsylvania Co., 200 5th av, New York
Oxford Paper Co., 200 Fifth av, New York
Patten Paper Co. (Ltd.), Appleton, Wis.
Peerless Paper Co., Dayton, Ohio
Peninsular Paper Co., Ypsilanti, Mich.
Poland Paper Co., Mechanic Falls, Me.
Reading Paper Mills, Reading, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Strathmore Paper Co., Mittineague, Mass.
Taylor-Logan Co., Holyoke, Mass.
Ticonderoga Pulp & Paper Co., 200 5th av, New York. Mills: Ticonderoga, N. Y.
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.
Tomahawk Pulp & Paper Co., Tomahawk, Wis.
Wanaque River Paper Co., 290 B'way, New York
Warren S. D. Co., Inc., 200 Devonshire, Boston, Mass.
Watab Pulp & Paper Co., Sartell, Minn.
Watervliet Paper Co., Watervliet, Mich.
West Virginia Pulp & Paper Co., 200 5th av, New York
Wheelwright Geo. W. Paper Co., 95 Milk, Boston, Mass.
Whiting Geo. A. Paper Co., Menasha, Wis.

10635—Paper (Box Covering)

Boston Paper Mfg. Co., 15 Chardon, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Ryan J. D. Co. (Cigar), 735 Central av, Cleveland, O.
Tuttle Press Co., Appleton, Wis.
Walsh Paper Co., Cuyahoga Falls, O.

10636-7—Paper (Box Makers')

American Writing Paper Co., Holyoke, Mass.
Hampden Glazed Paper & Card Co. (Glazed, Flinted & Embossed), Holyoke, Mass.
Peerless Paper Box Mfg. Co., 1137 W 6th, Cleveland, O.
Schmidt & Ault Paper Co. (Chip), York, Pa.
Vosta Co., Albany, N. Y.

10638—Paper (Butchers' Manila)

Andrews John T. & Co., Penn Yan, N. Y.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Humphrey & Young, Napanoch, N. Y.
Kieffer Paper Co., Brownstown, Ind.
International Paper Co., 30H Broad, New York
Lawless Paper Co., Rochester, N. Y.
Lindsley Henry A. 1610 W 116th, Cleveland, O.
Marcellus Paper Co. (Waterproof), Syracuse, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 128 St. Claire av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10639— Paper (Carbon)

American Multigraph Sales Co., 1832 E 40th, Cleveland, Ohio
American Ribbon & Carbon Co. ("Eagle," "Onion Skin"), Rochester, N. Y.
Apter Bros. Mfg. Co., 552 W Harrison, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.
Brecher E. A. & Co. ("Peerless," "Unxld," "Merit"), 119 Lafayette, New York
Buckeye Ribbon & Carbon Co., Cleveland, Ohio
Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.
Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York
Corona Supply Co. ("Corona" & "Iroquois"), Rochester, N. Y.
Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe," "Pioneer"), Rochester, N. Y.
De Fi Mfg. Co. ("De-Fi," "Solite"), 150 Nassau, New York
Downes & Co. ("So-Klean"), 63 Wall, New York
Foyer Chas. A. & Co. ("Foyer"), 1104 Prospect av, Cleveland, O.
General Manifold & Printing Co., Franklin, Pa.
Heale J. A. & Co. ("H.-B," "Crystal," "Rival," "Export," "Special"), 96 John, New York
Imperial Mfg. Co. ("Non-Smut"), 297 Washington, Newark, N. J.
Ink Ribbon Mfg. Co. ("Peacock" Silk Carbon Paper & Silk Typewriter Ribbons, "Flo-Eze" Inks, "Quikstick" Mucilage & Paste, "Irco" Stamp Pads & Stamp Pad Inks), 635 Howard, San Francisco, Cal.
International Carbon Paper Co., 100 Grand, New York
Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.
Kruse Printing Ink Co., 437 Pearl, New York
Little A. P. ("Cobweb"), Rochester, N. Y.
Manifold Supplies Co. ("Panama"), 188 3d av, Brooklyn, N. Y.
Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Thin-O," "Clover," "Maple Leaf," "Aurora," "Special," "M. B. P."), Aurora, Ill.
Minford Ribbon & Carbon Co. ("Minford" & "Sea Bell"), 9 Walker, New York
Mittag & Volgar ("Eureka"), Park Ridge, N. J.
Monarch Supply Co., Inc., 390 E Main, Rochester, N. Y.
National Ribbon & Carbon Co., 1466 E 55th, Cleveland, O.
Neidich Process Co., Burlington, N. J.
Non-Smut Carbon Mfg. Co. ("Attorney," "Standard"), Rochester, N. Y.
Old Town Ribbon & Carbon Co., 245 Centre, New York
Pen Carbon Manifold Co. ("Non-Flake Typewriter Carbon"), New Brunswick, N. J.
Phillips Ribbon & Carbon Co. ("Philco"), 17H Elm, Rochester, N. Y.
Remington Typewriter Co., 374H B'way, New York
Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.
Rogers Manifold & Carbon Paper Co. ("Rogers"), 33 Sullivan, New York
Smith Paper Co., Lee, Mass.
Snelling & Son, 225 34th, Brooklyn, N. Y.
Stafford S. S., 609 Washington, New York
Storms H. M. Co. ("American," "Triangle," "Smirchless"), 11 Vandewater, New York
Typeribbon Mfg. Co. ("Van-Sen"), 711 S Dearborn, Chicago, Ill.
Underwood Jno. & Co., 62 Park pl, New York
UNION PAPER & TWINE CO. ("Unico"), 128 St. Clair av N W, Cleveland, O, & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Union Ribbon & Carbon Co. ("Summit"), 67 Laurel, Phila., Pa.
United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 So 8th, Phila., Pa.
Vacuo-Static Carbon Co. ("Smearless"), Rochester, N. Y.
Webster F. S. Co. ("Multe Kopy"), 340 Congregational, Boston, Mass.
Whitfield Carbon Paper Works ("Whitfield" Pencil & Typewriter), 33 Sullivan, New York
Wilson Carbon Paper Co., 618H S Spring, Los Angeles, Cal.

10640—Paper (Carbon Tissue)

Diamond Mills Paper Co., 44 Murray, New York
Gandy Wm. H. (Estate), Lambertville, N. J.
Smith Paper Co., Lee, Mass.

10641—Paper (Carborundum)

Behr Herman & Co. ("Carbicon"), 61 B'way, New York

Carborundum Co. (Garnet Paper & Cloth & Aloxite Cloth, Niagara Falls, N. Y.

10642— Paper (Cartridge)

Brown Co., Portland, Me.
Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.
Cleveland-Akron Bag Co., Cleveland, O.
Everett Pulp & Paper Co., Everett, Wash.
Sorg Paul A. Paper Co., Middletown, O.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10643—Paper (Cash Register)

Burnham Asa C., Camden, N. Y.
Hartford City Paper Co., Hartford City, Ind.
International Paper Co., 30H Broad, New York
International Roll Paper Co., No. Manchester, Ind.
Kimberly-Clark Co., Neenah, Wis.
Paper Mfrs. Co., 526H Cherry, Phila., Pa.
Perry Chas. E. Co., 77 Washington North, Boston, Mass.
Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
Standard Cash Register Co. (Autographic), No. Manchester, Ind.

10643a— Paper (Cigarette)

American Writing Paper Co., Dept. H, Holyoke, Mass.
Diamond Mills Paper Co., 44 Murray, New York
Smith Paper Co., Dept. H, Lee, Mass.

10644—Paper (Cloth Lined)

Cleveland-Akron Bag Co., (Poster), Cleveland, O.
Le Fevre Edward Y., Fallsburg, N. Y.
Safe Pack Mills ("Safepack"), 727 Atlantic av, Boston, Mass.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Paper (Coated)

See Paper, Surface Coated

10645-6—Paper (Condenser)

Smith Paper Co., Lee, Mass.

Paper (Copying & Manifold)

See Railroad Stationery, Blanks, Manifestos; also Paper, Manifold; also Paper, Railroad Manifold; also Paper, Railroad, Copying

10647— Paper (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

10648— Paper (Corrugated)

Agar Mfg. Co., 167 41st, Brooklyn, N. Y.
Bicking S. Austin Mfg. Co., East Downingtown, Pa.
Clark Paper Mfg. Co., Rochester, N. Y.
Corrugated Paper Co., Norfolk, Va.
Detroit Corrugated Box & Board Co., 88 Isabella, Detroit, Mich.
FEDERAL CONTAINER CO., 25th & Locust, Phila., Pa.
Fenton Fibre Box Co., North Tonawanda, N. Y.
Fibre Package Co., 473 Clay, Detroit, Mich.
Fort Wayne Corrugated Paper Co., Fort Wayne, Ind.
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
Grand Corrugated Paper Co., 30 Crosby, New York
Hinde & Dauch Paper Co. (& Corrugated Paper), Sandusky, O.
Hunt-Crawford Co., Coshocton, O.
Illinois Glass Co., Alton, Ill.
Kress F. J. Co. (Products), 2930 Liberty, Pittsburgh, Pa.
Lawrence Paper Co. ("Jayhawk" Law-Double Face), 151 Spring, New York
MID-WEST BOX CO., 111 W Washington blvd, Chicago, Ill.
Nivison-Weiskopf Co., 318 Elm, Cincinnati, O.
Page Geo. G. Box Co., Cambridge, Mass.
Phillips Thos. Co., Akron, O.
Schmidt & Ault Paper Co., York, Pa.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co., The, 212 Concord, Brooklyn, N. Y.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Warner & Childs, Co., Medford, Mass.

10649—Paper (Cotton Batting)

Robertson's Wm. Sons, Putney, Vt.

10650— Paper (Cover)

Advertisers Paper Mill, Holyoke, Mass.
American Writing Paper Co., Holyoke, Mass.
Bardeen Paper Co., Otsego, Mich.
Beckett Paper Co., Hamilton, O.
Bergstrom Paper Co., Neenah, Wis.
Case A. Willard Co., Manchester, Conn.
Chemical Paper Mfg. Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Dexter C. H. & Sons ("Princess," "Unique," "Levant"), Windsor Locks, Conn.
District of Columbia Paper Mfg. Co. ("Potomac" Plain & Fancy Patterns), 3255 K N W, Washington, D. C.
Gilbert Frank Paper Co., Waterford, N. Y.
Hampden Glazed Paper & Card Co. ("Algonkin," "Kwasind," "Sunburnt"), Holyoke, Mass.
International Paper Co., 30H Broad, New York
Keith Paper Co., Turner Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
Knowlton Bros., Watertown, N. Y.
Lewis J. P. Co., Beaver Falls, N. Y.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Marathon Paper Mills Co., Rothchild, Wis.
Millers Falls Paper Co., Millers Falls, Mass.
Monroe Bridge Paper Co., Monroe Bridge, Mass.
Moorhouse R. T. Paper Co., 2655H Bridge, Bridesburg, Phila., Pa.
New York-New England Co., Holyoke, Mass.
New York & Pennsylvania Co., 200 5th av, New York
Niagara Paper Mills, Lockport, N. Y.
Pejepscot Paper Co., 111 B'way, New York
Peninsular Paper Co., Ypsilanti, Mich.
Pioneer Paper Co., Ballston Spa, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Standard Paper Co., Kalamazoo, Mich.
Strathmore Paper Co., Mittineague, Mass.
Taylor Logan Co., Holyoke, Mass.
Worthy Paper Co. Assn. (Fancy & Deckle Edged), Mittineague, Mass.

10651— Paper (Crepe)

American Novelty Paper Co., Saugerties, N. Y.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Erving Paper Mills, Erving, Mass.
Japanese Tissue Mills, Holyoke, Mass.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
Schmidt & Ault Paper Co. (Heavy), York, Pa.
Tuttle Press Co., Appleton, Wis.
United States Paper Mills, Chambersburg, Pa.

10651a— Paper (Detail)

Angel H. Reeve & Co. Inc. ("Elswick," "Berwick," "Carwick"), 7 Spruce, New York

10652— Paper (Document)

Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson Detroit, Mich.
HEWITT C. B. & BROS. (Jobbers), 20 Ferry, New York
See adv index at end of book
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10653-4— Paper (Drawing)

American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc., 7 Spruce, New York
Bardeen Paper Co., Otsego, Mich.
sego, Mich.
Bedford Pulp & Paper Co., Richmond, Va.
Bryant Paper Co., Kalamazoo, Mich.
Chemical Paper Mfg. Co. (Manila), Holyoke, Mass.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
International Paper Co., 30H Broad, New York
Keuffel & Esser Co., Hoboken, N. J.
Kimberly-Clark Co., Neenah, Wis.
Mason-Perkins Paper Co., Bristol, N. H.
Pease C. F. Co., 820 N Franklin pl, Chicago, Ill. *See adv index at end of book*
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
VINCENT GEO. (Mfr. Victory Vellum Tracing Paper), 422 E 53rd, New York.

Paper (Drawing, Tracing & Detail)

See Tracing Cloth & Paper

10655-6— Paper (Drug)

Bardeen Paper Co. (White & Grey), Ot-
Kimberly-Clark Co., Neenah, Wis.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Wausau Paper Mills Co. (Bond), Brokaw, Wis.

Paper (Emery)

See Paper, Flint, Sand & Emery

10657— Paper (Enameled)

Bryant Paper Co. ("Radium," Enameled), Kalamazoo, Mich.
Cantine Martin Co., Saugerties, N. Y.
Riverview Coated Paper Co. (Book), Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.

10658— Paper (Envelope)

American Writing Paper Co., Holyoke, Mass.
Brown Co., Portland, Me.
Bryant Paper Co. (Rag & Wool), Kalamazoo, Mich.
Chemical Paper Mfg. Co., Holyoke, Mass.
Crocker-McElwain Co., Holyoke, Mass.
Curtis & Bros., Inc., Newark, Del.
Cushnoc Paper Co., (Manila), Augusta, Me.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Dill & Collins Co., 140 N 6th, Phila., Pa.
Eastern Mfg. Co., Bangor, Me.
Howard Paper Co., Urbana, O. (See Dayton)
International Paper Co., 30H Broad, New York
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Lee Paper Co., Vicksburg, Mich.
Merrimac Paper Co., Lawrence, Mass.
Miamisburg Paper Co., Miamisburg, O.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Moore & Thomspon Paper Co., Bellows Falls, Vt.
N. Y. & Penn. Co., 200 Fifth av, New York
Orono Pulp & Paper Co. (Manila), Bangor, Me.
Racquette River Paper Co., Potsdam, N. Y.
Robertson Paper Co. (Manila), Bellows Falls, Vt.
Rogers J. & J. Co. (Manila), Au Sable Forks, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Warren Mfg. Co. (Jute), 233 B'way, New York
Watervliet Paper Co., Watervliet, Mich.
West Va. Pulp & Paper Co., 200 5th av, New York

10659— Paper (Express)

Bardeen Paper Co., Otsego, Mich.
Central Box Board Co., 43d & Racine av, Chicago, Ill. Works: Rock Falls, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Clinton Paper Co. (No. 2), Clinton, Iowa
Crown Willamette Paper Co., San Francisco, Cal.
Eureka Paper Co., Fulton, N. Y.
E.-Z. Opener Bag Co., Taylorville, Ill.
Fox Paper Co., Lockland, O.
Gould Paper Co. (Drab), Port Leydon, N. Y.
Howland Pulp & Paper Corp., Howland, Me.
International Paper Co., 30H Broad, New York
Kieffer Paper Co. (No. 2 Red), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co., South Bend, Ind.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Marcellus Paper Co., Syracuse, N. Y.
Marseilles Wrapping Paper Co. (Glazed) Marseilles, Ill.
Monroe Falls Paper Co., Massillon, O.
New York & Penna. Co., 200 Fifth av, New York
Onondaga Paper Co., Marcellus Falls, N. Y.
Racquette River Paper Co., Potsdam, N. Y.
Strange John Paper Co., Menasha, Wis.
Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.
Yellow Pine Paper Mill Co. (Drab), Orange, Texas
York Haven Paper Co. (Light & Dark), Land Title bldg, Phila., Pa.

10660— Paper (Fibre)

Ager C. L. J., Lyonsdale, N. Y.
American Writing Paper Co., Holyoke, Mass.
Analomink Paper Co., No. Water Gap, Pa.
Bedford Pulp & Paper Co., Richmond, Va.
Brownville Paper Co., Brownville, N. Y.
Carolina Fibre Co., Hartsville, S. C.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Pennsylvania bldg, Phila., Pa.
Continental Fibre Co., Newark, Del.
See adv index at end of book
Dells Paper & Pulp Co., Eau Claire, Wis.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Diamond State Fibre Co., Bridgeport, Pa.
Eureka Paper Co., Fulton, N. Y.
Falls Mfg. Co., Oconto Falls, Wis.
Fibre Corporation, Lockport, N. Y.
Fletcher Paper Co., Alpena, Mich.
Fibre Grand Co., Grand Rapids, Mich.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Glen Mills Paper Co., Stephen Girard bldg, Phila., Pa.
Green Bay Paper & Fibre Co., Green Bay, Wis.
Groveton Paper Co., Inc., Groveton, N. H.
Hartje Paper Mfg. Co., Columbia Bank bldg, Pittsburgh, Pa.

PAPER (FIBRE)—continued
Hoboken Paper Mill Co., **Hoboken, N. J.**
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
International Paper Co., **30 Broad, New York**
Island Paper Co. (Dry), Carthage, N. Y.
Island Paper Co., **Menasha, Wis.**
Kimberly-Clark Co., **Neenah, Wis.**
Lysle Wilson (Est. of), Landenberg, Pa.
McDowell Paper Mills, Main & Levering, **Phila., Pa.**
Malone Paper Co., Malone, N. Y.
Marcellus Paper Co., Syracuse, N. Y.
Marinette & Menominee Paper Co., Marinette, Wis.
Marshall Bros., Yorklyn, Del.
Moyer & Pratt, Lyons Falls, N. Y.
National Fibre & Insulation Co., Yorklyn, Del.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
New York & Pennsylvania Co., 200 5th av, New York
Onondaga Paper Co., **Marcellus Falls, N. Y.**
Parsons Pulp & Lumber Co., **Finance bldg, Phila., Pa.**
Racquette River Paper Co., Potsdam, N. Y.
Schmidt & Ault Paper Co., York, Pa.
Strange John Paper Co., Menasha, Wis.
Wausau Paper Mills Co., Brokaw, Wis.
Wilmington Fibre Specialty Co., **Wilmington, Del.**
Wolf River Paper & Fiber Co., Shawano, Wis.
Yellow Pine Paper Mill Co., Orange, Texas
York Haven Paper Co., Land Title bldg, Phila., Pa.

10661— Paper (Filter)

American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc., 7 Spruce, New York
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Baker J. T. Chemical Co. ("Baker's" Ashless), Phillipsburg, N. J.
Bausch & Lomb Optical Co., Rochester, N. Y.
Daigger A. & Co. ("Celeritas"), 54 W Kinzie, Chicago, Ill.
Elmer & Amend ("Whatman," "E. & A." etc), 205 3d av, New York
Fougera E. & Co. ("Pratt-Dumas" Sole Agents), 90 Beekman, New York
Heil Henry Chemical Co. (Max Deverhoff's), St. Louis, Mo.
HEWITT C. B. & BROS., INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Lenz Apparatus Co., 9 E 16th, New York
Sargent E. H. & Co. ("J. H. Munktell's" Swedish), 155 E Superior, Chicago, Ill.
Scientific Materials Co. (All Kinds), 717 Forbes, Pittsburgh, Pa.
Wrenn Paper Co., Middletown, O.

10662— Paper (Fireworks)

Funke Ferdinand Sons (Feather Edge), Evansville, Ind.
Kimberly-Clark Co., Neenah, Wis.
Munroe Falls Paper Co., Massillon, O.

10662a— *Paper (Fish)

Chicago Mica Co. (& Mica), Valparaiso, Ind. *See adv index at end of book*

10663—Paper (Flint, Sand & Emery)

Adam & Elting Co., 726 Washington blvd, Chicago, Ill.
American Glue Co. ("Union" Flint, etc), 121 Beverly, Boston, Mass.
Armour Sandpaper Works ("Bull's Head") 1355 W 31st, Chicago, Ill.
Baeder, Adamson & Co., Richmond & Allegheny avs, Phila., Pa.
Barton H. H. & Son Co. ("Best"), 109 S 3d, Phila., Pa.
Behr Herman & Co. ("Brooklyn," "Empire"), 61 B'way, New York
Carborundum Co., Niagara Falls, N. Y.
Dixon Wm., 39 John, New York
Edison International Corp., 165 B'way, New York
Hammel Riglander Co., 47 Maiden lane, New York
Hemphill A. J., Inc., 733 Greenwich, New York
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Manning Abrasive Co., Dept. H, Troy, N. Y.
Manning Abrasive Co., Troy, N. Y.
Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.
Oliver Machy. Co., Grand Rapids, Mich.
Reardon Glue Mfg. Co., 2d & Clinton, Chicago, Ill.
Timmis & Clissold, Bound Brook, N. J.
U. S. Sand Paper Co., Williamsport, Pa.
Waddell R. J. & Co. ("National," "Metropolitan"), 52 Beekman, New York
Warren Mfg. Co., 233 B'way, New York
Wausau Abrasives Co., Wausau, Wis.
West Jersey Paper Mfg. Co. (Sand), Camden, N. J.
Wilhelm Henry Co., 136 10th, Pittsburgh, Pa.

10664— Paper (Fly)

Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.
Kimberly-Clark Co., **Neenah, Wis.**
Massillon Paper Co., Massillon, O.
Munroe Falls Paper Co., **Massillon, O.**
National Fly Paper Co., **Kenosha, Wis.**
Thum O. & W. Co. **("Tanglefoot"), Grand** Rapids, Mich.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10665—Paper for Carbon Manifolding

See also Paper, Manifold

Dexter C. H. & Sons, **Windsor Locks, Conn.**

10666—Paper (Fourdrinier Tissue)

UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Paper (Garnet)

See Paper, Flint, Sand & Emery

10667— Paper (Glassine)

American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc., 7 Spruce, New York
Diamond State Fibre Co., Bridgeport, Pa.
Hartford City Paper Co., Hartford City, Ind.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Warren Mfg. Co. (Riegel's "Jewel Brand"), 233 B'way, New York

10668— Paper (Glazed)

National Coated Paper Corp. (Roll & Sheet), Pawtucket, R. I.
Riverview Coated Paper Co., Kalamazoo, Mich.

10669—*Paper Goods (Sanitary)

UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10670—*Paper (Grease Proof)

Ideal Foundry & Machinery Co., Beaver Falls, Pa.
McDowell Paper Mills, Main & Levering, Phila, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10671— Paper (Gummed)

Anderson W. J. & Co., 341 B'way, New York
Crowell Corp., 241 37th, Brooklyn, N. Y.
Eisler Anthony & Co., 227 Canal, New York
Ideal Coated Paper Co. (Flat), Brookfield, Mass.
Knowlton M. D. Co., 26 Elizabeth, **Rochester, N. Y.**
Metal Specialties Mfg. Co. (In Rolls), 338 N Kenzie av, Chicago, Ill.
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.
Page Fred M. & Co. (For Paper Box Mfrs. & Sealing Machines), West Lynn, Mass.
Paper Goods Mfg. Co., 925 Pennsylvania av, Pitsburgh, Pa.
Papco Paper Products Co., Atlanta, Ga.
Peters Co., 33-35th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co., Springfield, O.

10672—Paper (Ham Wrapping)

Bardeen Paper Co. (Antiseptic), Otsego, Mich.
Central Box Board Co., 43rd & Racine av, **Chicago, Ill.**
Funke Ferdinand Sons (Common), Evansville, Ind.
Schmidt & Ault Paper Co., York, Pa.

10673-4—Paper (Hardware)

Bird & Son, East Walpole, Mass.
Case Mfg. Co., Unionville, Conn.
Fox Paper Co. (Black), Lockland, O.
International Paper Co., 30H Broad, New York
Johns-Manville Inc. (Asbestos), Madison av & 41st, New York
Keystone Roofing Mfg. Co. ("Atlas," "Keystone" & "Conewago"), York, Pa.
Kimberly-Clark Co., Neenah, Wis.
Marcellus Paper Co., Syracuse, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Rogers J. J. & Co., Au Sable Forks, N. Y.
Schmidt & Ault Paper Co., York, Pa.

10675— Paper (Insulating)

See also Mica

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Aspromet Co., 1st National Bank bldg, Pittsburgh, Pa.
Barrett Co. (Also Insulatingg Rope), 17 Battery pl, New York
Bird & Son Cold Storage, East Walpole, Mass.
Bradley A. J. Mfg. Co. (Oil Stencil), 101 Beekman, New York
See adv index at end of book
Cabot Samuel (Inc.) ("Cabot's" Quilt), 141 Milk, Boston, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Case Bros (Boards, Any Size or Thickness) Highland Park, Conn.
Case & Risley Press Paper Co. (Fuller Board & Press Board), Oneca, Conn.
Certain-teed Products Corp., St. Louis, Mo.
Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.
Chicago Mica Co. (Oiled & Treated Insulating), Valparaiso, Ind.
See adv index at end of book
Continental Fibre Co. (Hard Fibre), Newark, Del. *See adv index at end of book*
Crane Bros. ("Linoid"), Westfield, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Dexter C. H. & Sons (Tissue, etc), Windsor Locks, Conn.
Dialectric Mfg. Co., 224 S Vandeventer, St. Louis, Mo.
Diamond State Fibre Co. (Hard Fibre), Bridgeport, Pa.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Ford Roofing Products Co., 2339 La Salle, Chicago, Ill.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Green Insulation Co. ("Q. A."), Cleveland, Ohio
Hollingsworth & Vose Co. (All Grades for Insulating), 141 Milk, Boston, Mass.
Irvington Varnish & Insulator Co. ("Irvington"), Irvington, N. J.
Johns-Manville H. W. Co. (Asbestos), Madison av & 41st, New York
Keystone Roofing Co. ("Atlas," "Samson Elastic," "Keystone," "Conewago"), York, Pa.
Kingsley Paper Co., 321 St. Clair, N W, Cleveland, O.
Lehon Co. ("Per-Bona"), 4451 W S Oakley av, Chicago, Ill.
See adv index at end of book
Manning John A. Paper Co., Troy, N. Y.
Meirowsky Bros. ("Excelsior"), Jersey City, N. J.
Merwin Paper Co. (Insulating Boards), Windsor, Conn.
Mica Insulator Co. ("M. I. C." "Linolac," "Micanite," "Empire," "Kablak"), 68 Church, New York
National Fibre & Insulation Co. ("Peerless"), Yorklyn, Del.
See adv index at end of book
Newton Paper Co., Holyoke, Mass.
Pittsburgh Insulating Co., 96 43d, Pittsburgh, Pa.
Rogers Fibre Co. ("Leatheroid"), 121 Bead, Boston, Mass.
Rogers Paper Mfg. Co. (Insulating Boards), South Manchester, Conn.
Single Jno. Paper Co., Syracuse, N. Y.
Standard Fibre Co., Miller st, Somerville, Mass.
Standard Paint Co. ("Hercules," "Giant," "Universal"), 233 B'way, New York
Tarentum Paper Mills (Rope Paper for Insulating), 2d National Bank bldg, Pittsburgh, Pa.
Union Mills Paper Mfg. Co. (For Electric Light & Telephone Cables), New Hope, Pa.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Watson H. F. Co. (Asbestos & Rope), Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
York Haven Paper Co. (Insulating Paper), Land Title bldg, Phila., Pa.

10676— Paper (Jute)

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Sorg Paul A., Paper Co., Middletown, O.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wardlow-Thomas Paper Co., Middletown, Ohio
Warren Mfg. Co., 233 B'way, New York

10677— Paper (Kraft)

Arrowhead Mills, Inc., Fulton, N. Y.
Brown Co. ("Nibroc"), Portland, Me.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Scranton, Pa.
Claremont Paper Co., Claremont, N. H.
Continental Paper Bag Co., 18 E 40th, New York
Crown Willamette Paper Co., San Francisco, Cal.
Eastern Mfg. Co., Bangor, Me.
Falls Mfg. Co., Oconto Falls, Wis.

Fox Paper Co. (All Sulphate Swedish, White & Mitscherlich & Machine Glazed), Lockland, O.
Hollingsworth & Whiting Co., 185 Devonshire, Boston, Mass.
International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Menasha Paper Co., Ladysmith, Wis.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moorhouse R. T. Paper Co. (Specialties), 2655H Bridge, Bridesburg, Phila., Pa.
Mumford Paper Mills, Inc., Mumford, N. Y.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
Nuera Paper Co. Inc., 200 5th av, New York
Newton Falls Paper Co., Watertown, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Orono Pulp & Paper Co., Bangor, Me.
Paper Products Co., 2405 W Franklin, Baltimore, Md.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Southern Paper Co. ("Kreole"), Moss Point, Miss.
Strange John Paper Co., Menasha, Wis.
Union Mill, Bancroft, Mass.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wausau Sulphate Fibre Co., Mosinee, Wis.
Yellow Pine Paper Mill Co., Orange, Tex.

10678— Paper (Label)

Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Everett Pulp & Paper Co., Lowell, Wash.
Ideal Foundry & Machinery Co., Beaver Falls, Pa.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Newton Paper Co., Holyoke, Mass.
New York & Pennsylvania Co., 200 5th av, New York
Oxford Paper Co., 200 5th av, New York
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
West Virginia Pulp & Paper Co., 200 5th av, New York

10679— Paper (Lace)

Am. Lace Paper Co. (Shelf), 419 3rd, Milwaukee, Wis.
Kimberly-Clark Co., Neenah, Wis.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
U. S. Lace Paper Works, 69 W Houston, New York

10680— Paper (Linen)

American Writing Paper Co. (Linen Finish), Holyoke, Mass.
Brown L. L. Paper Co., Adams, Mass.
Eastern Mfg. Co. (Linen Finish), Bangor, Me.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Keith Paper Co., Turner Falls, Mass.
Oglesby W. B. Paper Co., Middletown, O.
Whiting Paper Co., Holyoke, Mass.

10681— Paper (Linen Ledger)

American Writing Paper Co., Holyoke, Mass.
Beckett Paper Co., Hamilton, O.
Brown L. L. Paper Co., Adams, Mass.
Carew Mfg. Co. ("Vulcan"), S Hadley Falls, Mass.
Crane Bros. ("Gold Medal," "Japanese Linen" & All Linen Writing, etc), Westfield, Mass.
Eastern Mfg. Co., Bangor, Me.
Gilbert Paper Co., Menasha, Wis.
Keith Paper Co., Turner Falls, Mass.
Oglesby W. B. Paper Co. ("White Rock"), Middletown, O.
Southworth Co., Mittineague, Mass.
Weston Byron Co. ("Weston"), Dalton, Mass.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.

10682— Paper (Lining)

Arrowhead Mills., Inc., Fulton, N. Y.
Bardeen Paper Co. (Rag), Otsego, Mich.
Fox Paper Co. (Rag), Lockland, O.
Hoboken Paper Mill Co.,, Hoboken, N J.
International Paper Co., 30H Broad, New York
Kieffer Paper Co. (Rag), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co.(Rag), South Bend, Ind.
Mason-Perkins Paper Co. (Box), Bristol, N. H.
Monroe Paper Co. (Rag), Monroe, Mich.
Pairpoint Corp. (Cased), New Bedford, Mass.
Rochester Paper Products, Rochester, N. Y.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Smeallie & Voorhees (Chip), Amsterdam, N. Y.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10683— Paper (Lithograph)

Am. Coating Mills, Elkhart, Ind.
Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Cantine Martin Co., Saugerties, N. Y.
Cleveland-Akron Bag Co. (Cloth Lined), Cleveland, O.
Curtis & Bro., Newark, Del.
Glatfelter P. H. Co., Spring Grove, Pa.
Kimberly-Clark Co., Neenah, Wis.
Merrimac Paper Co. (Coated), Lawrence, Mass.
Riverview Coated Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Ticonderoga Pulp & Paper Co., 200 5th av, New York
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

10684—Paper (Loose Leaf)

Brown L. L. Paper Co., Adams, Mass.
Clark Paper Mfg. Co. ("Sno-bak" Circles & Rolls), Dept. H, Rochester, N. Y.
Weston Byron Co. ("Weston" Patented), Dalton, Mass.

10685— Paper (Macaroni)

Fox Paper Co., Lockland, O.
Kimberly-Clark Co., Neenah, Wis.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Walsh Paper Co., Cuyahoga Falls, O.

10686— Paper (Manifold)

See also Paper, Railroad Manifolding; also Railroad Stationery, Blanks, Manifests, etc.
Dexter C. H. & Sons (Linen, etc), Windsor Locks, Conn.
Esleeck Mfg. Co. (White & Colored), Turner Falls, Mass.
Hartford City Paper Co., Hartford City, Ind.
Mann Wm. Co., 529 Market, Phila., Pa.
UNION PAPER & TWINE CO. ("Unico"), 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Whittelsey F. H. Co., Windsor Locks, Conn.

10687— Paper (Manila)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
Adams Paper Co., Wells River, Vt.
Aldrich Paper Co., Watertown, N. Y.
Analomink Paper Co., North Water Gap, Pa.
Arrowhead Mills, Inc. (Light Weight), Fulton, N. Y.
Bardeen Paper Co. (Railroad), Otsego, Mich.
Blake & Higgins, Bellows Falls, Vt.
Burmus Paper Co., West Dudley, Mass.
Case Mfg. Co., Unionville, Conn.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Pennsylvania bldg, Phila., Pa.
Claremont Paper Co., Claremont, N. H.
Cleveland-Akron Bag Co., Cleveland, O.
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
DeGrasse Paper Co., Pyrites, N. Y.
Dells Paper & Pulp Co., Eau Claire, Wis.
Eureka Paper Co., Fulton, N. Y.
Everett Pulp & Paper Co., Everett, Wash.
E-Z Opener Bag Co., Taylorville, Ill.
Falls Mfg. Co., Oconto Falls, Wis.
Fletcher Paper Co., Alpena, Mich.
Fox Paper Co., Lockland, O.
Gould Paper Co., Lyons Falls, N. Y.
Great Northern Paper Co., 30 E 42d, N. Y.
Groveton Paper Co., Inc., Groveton, N. H.
Harmon Paper Co., Brownville, N. Y.
Hawley Pulp & Paper Co. (All Grades), Oregon City, Ore.
Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.
Hollingsworth & Vose Co. (Jute), 141 Milk, Boston, Mass.
Hollingworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howland Pulp & Paper Corp., Howland, Me.
International Paper Co., 30 Broad, New York
Island Paper Co., Carthage, N. Y.
Kieffer Paper Co. (No. 2), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N Y.
Lawless Paper Co., Rochester, N. Y.
LeFevre Edward Y., Fallsburg, N. Y.
Lincoln L. & Co., North Dighton, Mass.
Marathon Paper Mills Co., Rothschild, Wis.
Marinette & Menominee Paper Co., Marinette, Wis.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moorhouse R. T. Paper Co., 2655H Bridge, Bridesburg, Phila., Pa.
Moyer & Pratt, Lyonsdale, N. Y.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
New Haven Pulp & Board Co., New Haven, Conn.
Newton Falls Paper Co. (Sulphite), Watertown, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Northwest Paper Co., Cloquet, Minn.
Onondaga Paper Co., Marcellus Falls N. Y.
Orono Pulp & Paper Co., Bangor, Me.
Pioneer Paper Co., Ballston Spa, N. Y.
Raquette River Paper Co. (Envelope & Printing), Potsdam, N. Y.
Reading Paper Mills, Reading, Pa.
Rogers J. & J. Co., Ausable Forks, N. Y.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taggarts Paper Co., Watertown, N. Y.
Ticonderoga Pulp & Paper Co. (White), 200 5th av, New York
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wardlow-Thomas Paper Co., Middletown, Ohio
Warren Mfg. Co., 233 B'way, New York
Wausau Paper Mills Co., Brokaw, Wis.
Wilf River Paper & Fiber Co., Shawano, Wis.
Yellow Pine Paper Mill Co. (No. 1), Orange, Tex.

10688— Paper (Map)

Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Cleveland-Akron Bag Co., Cleveland, O.
Educational Exhibition Co. ("Edexo"), 26 Custom House, Providence, R. I.
Fox River Paper Co., Appleton, Wis.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Watervliet Paper Co., Watervliet, Mich.

10689—Paper (Mimeograph)

American Writing Paper Co., Holyoke, Mass.
Bardeen Paper Co., Otsego, Mich.
Bare D. M. Paper Co., Roaring Springs, Pa.
Dill & Collins Co., 140 N 6th, Phila., Pa.
Eaton Crane & Pike Co., Pittsfield, Mass.
International Paper Co., 30H Broad, New York
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10690— Paper (Music)

Bardeen Paper Co., Otsego, Mich.
Dill & Collins Co., 140 N 6th, Phila., Pa.
International Paper Co., 30H Broad, New York
Kimberly-Clark Paper Co., Neenah, Wis.
Merrimac Paper Co., Lawrence, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Ticonderoga Pulp & Paper Co., 200 5th av, New York

10691— Paper Napkins

American Novelty Paper Co., Saugerties, N. Y
Burnitol Mfg. Co., Orient av, Boston, Mass.
Continental Paper Bag Co., 18 E 40th, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Erving Paper Mills, Erving, Mass.
Hoberg John Co., Green Bay, Wis
Japanese Tissue Mills (Crepe), Holyoke, Mass.
Northern Paper Mills, Green Bay, Wis.
Paper Novelty Co., Green Bay, Wis.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Pollock Paper Co. (Wholesale), 1401 Pacific av, Dallas, Tex.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
Stone & Forsyth Co., 67 Kingston, Boston, Mass.
Tuttle Press Co. ("Paris" Crepe), Appleton, Wis.

10692—Paper (Negative & Black Line)

Pease C. F. Co. (Mfrs.), 820 N Franklin, Chicago, Ill. *See adv index at end of book*

10693— Paper (News)

Aldrich Paper Co., Watertown, N. Y.
Arrowhead Mills Inc., Fulton, N. Y.
Auglaize Box Board Co., St. Marys, O.
Barnes Paper Mills, Rochester, Mich.
Bedford Pulp & Paper Co., Richmond, Va.
Centralia Pulp & Paper Co., Centralia, Wis.
Champion Paper Co., Carthage, N. Y.
Cliff Paper Co., Niagara Falls, N. Y.
Combined Locks Paper Co. (Light Weight Catalog & Specialties), Combined Locks, Wis.
Consolidated Water Power & Paper Co., Grand Rapids, Wis.
Crown Willamette Paper Co., San Francisco, Cal.

PAPER (NEWS)—continued

Dells Paper & Pulp Co., Eau Claire, Wis.
Diana Paper Co., Watertown, N. Y.
Finch, Pruyn & Co. (Inc.), Glens Falls, N. Y.
Flambeau Paper Co., Park Falls, Wis.
Gilbert Frank Paper Co., Waterford, N. Y.
Gould Paper Co., Lyon Falls, N. Y.
Grandfather Falls Co., Merrill, Wis.
Great Northern Paper Co., 30 E 42d, N. Y.
Harmon Paper Co., Brownville, N. Y.
Hartje Paper Mfg. Co., Columbia Bank bldg, Pittsburgh, Pa.
Hawley Puly & Paper Co., Oregon City, Ore.
Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.
High Falls Pulp & Paper Co., Chateaugay, N. Y.
International Paper Co., 30 Broad, New York
Itasca Paper Co., Grand Rapids, Minn.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Malone Paper Co., Malone, N. Y.
Mason-Perkins Paper Co., Bristol, N. H.
Menasha Paper Co., Ladysmith, Wis.
Minnesota & Ontario Power Co., Andrus bldg, Minneapolis, Minn.
Moorhouse R. T. Paper Co., 2655H Bridge, Bridesburg, Phila., Pa.
New Haven Pulp & Board Co., New Haven, Conn.
Northwest Paper Co., Cloquet, Minn.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Outagamie Paper Co., Kaukauna, Wis.
Patten Paper Co. (Ltd.), Appleton, Wis.
Pejepscot Paper Co., 111 B'way, New York.
Pettebone-Cataract Paper Co., Niagara Falls, N. Y.
Remington Paper & Power Co., Watertown, N. Y.
Rhinelander Paper Co., Rhinelander, Wis.
St. Croix Paper Co., 244 Washington, Boston, Mass.
St. George Paper Co., Norwalk, Conn.
St. Regis Paper Co., Watertown, N. Y.
Schroon River Pulp & Paper Co., Warrensburg, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taggait's Paper Co., Watertown, N. Y.
Watab Pulp & Paper Co., Sartell, Minn.
West End Paper Co., Carthage, N. Y.
Wisconsin River Paper & Pulp Co., Neenah, Wis.

Paper (Oiled)

See Paper (Insulating)

10694—Paper (Onion Skin)

Bryant Paper Co., Kalamazoo, Mich.
Dexter C. H. & Sons ("Star"), Windsor Locks, Conn.
Esleeck Mfg. Co., Turners Falls, Mass.
Hartford City Paper Co., Hartford City, Ind.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10695—Paper (Packing, Corrugated)

Agar Mfg. Co., 167 41st, Bklyn, N. Y.
American Tar Products Co., 208 S La Salle, Chicago, Ill.
Clark Paper Mfg. Co. ("Sno-bak" Circles & Rolls), Dept. H, Rochester, N. Y.
Gair Robt. Co., 50 Washington, Bklyn, N. Y.
Lawrence Paper Mfg. Co. ("Jayhawk"), Lawrence, Kans.
Nivison-Weiskopf Co., 318 Elm, Cincinnati, Ohio
Schmidt & Ault Paper Co., York, Pa.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co., The, 212 Concord, Broklyn, N. Y.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10696— Paper (Papeterie)

American Papeterie Co., Albany, N. Y.
American Tar Products Co. (& Plain), 208 S La Salle, Chicago, Ill.
American Writing Paper Co., Holyoke, Mass.
Eastern Mfg. Co., Bangor, Me.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Crunden, Martin Mfg. Co. (Tablet Form), 2nd & Gratiot, St. Louis, Mo.
Hurd Geo. B. & Co., 425 Broome, New York
Murphy John A. Co., Springfield, Mass.
National Papeterie Co., Holyoke, Mass.
Powers Paper Co., Springfield, Mass.
Ward Marcus, Inc, Pearson & Creek, Long Island City, N Y
White & Wyckoff Mfg. Co., Holyoke, Mass.
Whiting & Cook, Inc., Holyoke, Mass.

10697— Paper (Parchment)

Angel H. Reeve & Co. (Belgian Vegetable Importer), 7 Spruce, New York
Bergstrom Paper Co., Neenah, Wis.
Brown L. L. Paper Co., Adams, Mass.
Crocker-McElwain Co., Holyoke, Mass.
Diamond State Fibre Co. (Vegetable), Bridgeport, Pa.
East Hartford Mfg. Co., Burnside, Conn.
Glen Mills Paper Co. (Vegetable), Stephen Girard bldg, Phila., Pa.
Hamersley Mfg. Co. (Imitation), 232 Greenwich, New York
Hartford City Paper Co. (Imitation), Hartford City, Ind.
International Paper Co., 30H Broad, New York
Kalamazoo Vegetable Parchment Co. (Vegetable), Kalamazoo, Mich.
Paterson Parchment Paper Co. (Vegetable), Passaic, N. J.
Raquette River Paper Co., Potsdam, N. Y.
Taylor-Logan Co., Holyoke, Mass.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Warren Parchment Co., Dexter, N. Y.
West Carrollton Parchment Co. ("Puritan" Vegetable, Printed & Plain), West Carrollton, O. (See Dayton)

10698— Paper (Pattern)

Case Mfg. Co., Unionville, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Greene Paper Co., 5014 Market, Phila., Pa.
HEWITT C. B. & BROS., INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
Lewis J. P. Co. (Black), Beaver Falls, N. Y.
Lincoln L. & Co., North Dighton, Mass.
Menasha Paper Co., Ladysmith, Wis.
Michigan Paper Co., Plainwell, Mich.
Mumford Paper Mills, Inc., Mumford, N. Y.
Niagara Paper Mills, Lockport, N. Y.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Walsh Paper Co., Cuyahoga Falls, O.
West Jersey Paper Mfg. Co., Camden, N. J.

10699—Paper (Photographic)

American Photographic Paper Co., 2304 Washington, Boston, Mass.
American Writing Paper Co., Holyoke, Mass.
Ansco Co. ("Cyko"), Binghamton, N. Y.
Cramer G. Dry Plate Co. ("Alpha"), Shenandoah & Lemp avs, St. Louis, Mo.
Defender Photo Supply Co. ("Argo"), Rochester, N. Y.
Eastman-Kodak Co., Rochester, N. Y.
Haloid Co., Rochester, N. Y.
Lewis J. L. ("Seltona"), 522 6th av, N. Y
Lewis J. P. Co., Beaver Falls, N. Y.
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Rectigraph Company, Rochester, N. Y.
See adv index at end of book

RECTIGRAPH PAPER
for
Photographic Copying Machines
Furnished in rolls to fit any photographic apparatus. Highest grade, reasonable in price. Send for samples.
RECTIGRAPH COMPANY
Rochester, N. Y.

Straight Dry Plate Co., Jamestown, N. Y.
Valley Paper Co., Holyoke, Mass.

10700—Paper (Playing Card)

Kimberly-Clark Co., Neenah, Wis.
Oglesby W. B. Paper Co., Middletown, O.

10701—Paper (Railroad Copying)

Dexter C. H. & Sons ("Star" White & Manila), Windsor Locks, Conn.
Greene Paper Co. (Yellow Tissue), 5014 Market, Phila., Pa.
International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
Mann Wm. Co. ("American Railroad," "Answell," "Old Reliable Parchment Paper," "Shen-King"), 529 Market, Philadelphia, Pa.
Rainbow Paper Mills, Rainbow, Conn.
Whittelsey F. H. Co. (Yellow), Windsor Locks, Conn.

10702—Paper (Railroad Manifolding)

Hartford City Paper Co., Hartford City, Ind.
Reyburn Mfg. Co., 23d & Allegheny av, Philadelphia, Pa.
Whittelsey F. H. Co., Windsor Locks, Conn.

10703—Paper (Railroad Manila & Writing)

See also Paper, Writing

Bardeen Paper Co., Otsego, Mich.
Brownville Paper Co., Brownville, N. Y.
Everett Pulp & Paper Co., Everett, Wash.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
Moore & Thompson Paper Co., Bellows Falls, Vt.
New York & Penna. Co., 200 5th av, New York
Riverton Co., Riverton, Conn.
Robertson Paper Co., Bellows Falls, Vt.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
West Va. Pulp & Paper Co. (Writing), 200 5th av, New York

10704— Paper (Ribbon)

Natl. Refining Co., 1400 E 9th, Cleveland, O.
Wanague River Paper Co, 290 B'way, New York

10705—Paper (Roofing, Saturated)

See also Paper, Roofing, Sheathing & Building

Asphalt Roof Coating Co., Ltd., 10 E 43rd, New York
Asphalt Roofing Co., Saginaw, Mich.
Barber Asphalt Paxing Co. ("Genasco"), Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Bird & Son ("Neponset Paroid"), East Walpole, Mass.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Denver Gas & Electric Light Co., Denver, Colo.
Flinkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Ford Roofing Products Co., 2339 La Salle, Chicago, Ill.
Johns-Manville Inc. (Rosin Size), Madison av & 41st, New York
Kimberly-Clark Co., Neenah, Wis.
Lehon Co., 4451 W S Oakley av, Chicago, Ill.
National Roofing Co., Tonawanda, N. Y
New England Felt Roofing Works, 101 Milk, Boston, Mass.
Safepack Mills ("Safekote"), 727 Atlantic av, Boston, Mass.
Standard Paint Co., 233 B'way, New York
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
Western Roofing & Supply Co., 3611 Loomis, Chicago, Ill.
White A. H. Co., Ltd. ("Shellene"), Howard, Venus, Miro & Tonti, New Orleans, La.

10706—Paper (Roofing, Sheathing & Building)

See also Paper, Roofing Saturators

Learn what firms in this list manufacture, read printed matter following their names
Am Tar Products Co., 208 S La Salle, Chicago, Ill.
Arrowhead Mill Inc., Dept. H, Fulton, N. Y.
Aspromet Co. (Building), 1st National Bank bldg, Pittsburgh, Pa.
Andrews Jno. T. & Co. (Sheathing), Penn Yan, N. Y.
Asphalt Roof Coating Co., Ltd., 10 E 43rd, New York
Barber Asphalt Paving Co. ("Genasco" Insulite), Land Title bldg, Philadelphia, Pa.
Barnitz Geo. A., York, Pa.
Barrett Co. (Roofing Felt), 17 Battery pl, New York.
Beloit Box Board Co. (Roofing & Building), Beloit, Wis.
Bicking S. Austin Mfg. Co. (Rosin-Sized Sheathing), East Downingtown, Pa.
Bird & Son ("Neponset"), (Roofing, also Sheathing & Building), East Walpole, Mass.
Brown Co. ("Bermico"), Portland, Me.
Cabot Samuel (Inc.) ("Cabot's" Sheathing & Deadening Quilt), 141 Milk, Boston, Mass.
Cartier M. N. & Sons Co. ("Roger Williams"), 289 Canal, Providence, R. I.
Certain-teed Products Corp. (Building, Ready Roofing, Saturating & Deadening Felts, Red & Gray Rosin, Sized), Boatman's Bank bldg, St. Louis, Mo.
Chapman & Soden, 150 Oliver, Boston, Mass.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield Paper Co. (Roofing & Building), New Haven, Conn.
Chatfield & Woods Co. (Building), 3d & Plum, Cincinnati, O.
Diem & Wing Paper Co. (Roofing & Sheathing), Gilbert av, Cincinnati, O.

Dunton M. W. Co. (Red Paper), 150 Niagara, Providence, R. I.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Field & White Co. (Roofing & Building), 116 Nassau, New York
Fleming, Geo. G. & Son (Roofing & Sheathing), Dallas, Tex.
Flintkote Co. ("Rex" Black), 88 Pearl, Boston, Mass.
Ford Roofing Products Co., 2339 La Salle, Chicago, Ill.
Fox Paper Co. (Building & Sheathing), Lockland, O.
Globe Iron Roofing & Corrugating Co. (Rosin Sized Sheathing), Dept. H, Newport, Ky.
Graham Paper Co. (Bldg, Water Proof, Asbestos, etc., Jobbers), 11th & Spruce, St. Louis, Mo.

C.B. HEWITT & BROS., Inc.
20 FERRY ST., NEW YORK

Manufacturers, Importers and Dealers

Paper Pattern Papers, Detail and Tracing Papers, Flexible Papers for Leather Work, Backing Paper, Card Middles, Jute and Rope Manillas, Building and Roofing Papers, Wrapping Papers, Special Papers made to order.

Boards Binders Boards, Trunk and Case Boards, Friction Boards, Leather Boards, Fibre Boards, News and Press Boards, Box Boards, Straw Boards (Air and Steam Dried). A.B.C. Pattern Boards a specialty.

Glues Foreign and Domestic, Hide and Bone Glues, Sheet, Broken and Ground, for Cabinet and Piano Work (joint and veneer), Paper Making, Straw Hat and Fabric and Kalsomine Sizing, Bindery, Furniture and Box Makers' Glues.

Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

HEWITT C. B. & BROS., INC. ("Oronoko" Jobbers), 20 Ferry, New York
See adv index at end of book
Hollingsworth & Vose Co. (Red Rope Roofing), 141 Milk, Boston, Mass.
Hollywell Mills (Dry Roofing, also Building), Chambersburg, Pa.
Hydrex Felt & Engineering Co. (Waterproof Paper & Felt), 120 Liberty, New York
Igoe Brothers (Building), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Johns-Manville Inc., Madison av & 41st, New York
Keystone Roofing Mfg. Co. ("Keystone" & "Samson Elastic"), York, Pa.
Kingston Paper Co., Inc. (Saturating & Deadening Felts, Roofing & Building), Little Falls, N. Y.
Lafian Paper Co. (Sheathing), York, Pa.
Lang Jno. Paper Co. (Roofing & Saturating & Deadening Felts), 24th & Vine, Phila., Pa.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Lincoln L. & Co. (Sheathing), North Dighton, Mass.
Lockport Paper Co. (Roofing Felt, also Sheathing & Deadening), Lockport, N. Y.
Los Angeles Paper Mfg. Co. (Sheathing & Saturating & Deadening Felts), Los Angeles, Cal.
Mac-Sim-Bar Paper Co. (Saturating Roofing & Building), Otsego, Mich.
Mullen Bros. Paper Co. (Building & Sheathing), St. Joseph, Mich.
Munroe Felt & Paper Co. (Roofing), 79 Summer, Boston, Mass.
Nelson B. F. Mfg. Co. (Roofing, also Building), Minneapolis, Minn.
Newport Rolling Mill Co., Newport, Ky.
Newton Paper Co. ("Elephant Brand" Red Rosin Sized Sheathing), Holyoke, Mass.
Paraffine Companies, Inc., California Paper & Board Mills Div. (Sheating), San Francisco, Cal.
Richardson Paper Co. (Roofing), Wyoming & Cooper avs, Lockland, O.
Roberts Jno. & Son Co. (Asbestos, Sheathing, etc), Waltham, Mass.
Safepack Mills ("Safekote"), 727 Atlantic av, Boston, Mass.
Schmidt & Ault Paper Co. ("Codorus" Sheathing), York, Pa.
Simplex Paper Co. (Sheathing), Palmyra, Mich.
Union Mills Paper Mfg. Co. (Building), New Hope, Pa.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
Wall J. F. & Son (Sheathing, Roofing & Waterproof Building), Walpole, Mass.
Watson H. F. Co., Erie, Pa.
York Haven Paper Co. (Roofing & Waterproof Building; also Prepared Roofing Paper), Land Title bldg, Phila., Pa.

10707— Paper (Rope)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
American Writing Paper Co., Holyoke, Mass.
Baeder-Adamson Co., Richmond & Allegheny, Phila., Pa.
Bicking Paper Co., 111 N 2nd, Philadelphia, Pa.
Case Mfg. Co., Unionville, Conn.
Case & Marshall, Hartford, Conn.
Cleveland-Akron Bag Co., Cleveland, O.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Eureka Paper Co., 265 W B'way, New York
George & Sherrard Paper Co., Wellsburg, W. Va.
Globe Paper Box Co. (Also Fibre & Kraft Papers), 223 W Huron, Chicago, Ill.
Harvey Paper Co., Wellsburg, W. Va.
HEWITT C. B. & BROS. INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Jaite Co., Jaite, O.
Manning John A. Paper Co., Troy, N. Y.
Marseilles Wrapping Paper Co., Marseilles, Ill.
Newton Paper Co., Holyoke, Mass.
Phillips Thos. Co. (Pure Rope Papers & Colored Rope Specialties), Akron, O.
Reading Paper Mills, Reading, Pa.
Sorg Paul A. Paper Co., Middletown, O.
Taggart Bros. Co., Watertown, N. Y.
Tarentum Paper Mills, 2nd National Bank bldg, Pittsburgh, Pa.
Union Mills Paper Mfg. Co. (Pure Rope Papers & Colored Rope Specialties), New Hope, Pa.
VALVE BAG CO. OF AMERICA, 3440-3444 Summit av, Toledo, O.
See adv index at end of book
Wardlow-Thomas Paper Co., Middletown, O.
Warren Mfg. Co., 233 B'way, New York
West Jersey Paper Mfg. Co., Camden, N. J.

10708— Paper (Sack)

Cleveland-Akron Bag Co., Cleveland, O.
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Hults Elsworth A., Inc., 218 Walnut, Phila., Pa.
Newton Falls Paper Co., Watertown, N. Y.
Orono Pulp & Paper Co., Bangor, Me.
Schorsch & Co., 500 E 133d, New York

Paper (Sand)

See Paper, Flint, Sand & Emery

10709— Paper (Screening)

Fox Paper Co., Lockland, O.
Hoboken Paper Mill Co., Hoboken, N. J.
International Paper Co., 30H Broad, New York
Marcellus Paper Co., Syracuse, N. Y.
Onondaga Paper Co., Marcellus Falls, N.Y.
Parsons Pulp & Lumber Co., Finance bldg, Philadelphia, Pa.
Schmidt & Ault Paper Co., York, Pa.

10710—Paper (Silver Tissue)

Dexter C. H. & Sons ("Star" Grass Bleached), Windsor Locks, Conn.
Whittelsey F. H. Co. (Grass Bleached), Windsor Locks, Conn.

10711—Paper (Soap Wrapping)

Hartford City Paper Co., Hartford City, Ind.
Tuttle Press Co., Appleton, Wis.
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, O.

10712— Paper (Starch)

Walsh Paper Co., Cuyahoga Falls, O.

10713— Paper (Stencil)

Bradley A. J. Mfg. Co. (Oiled & Unoiled), 101 Beekman, New York
See adv index at end of book
HEWITT C. B. & BROS. INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Ideal Stencil Machine Co., Belleville, Ill.
Marsh Shipping Service Inc., Bellville, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Universal Stamp Works, 252 Market, Newark, N. J.

10714—Paper (Stereotyping)

Parker Jos. & Son Co., New Haven, Conn.

10715— Paper (Straw)

Coshocton Straw Paper Co. (For Corrugating Purposes, Coshocton, O.
Hagar Straw Board & Paper Co., Xenia, O.
Heffernan Jas. P. Paper Co., 25 Water, New York

10716—Paper (Surface Coated)

Bardeen Paper Co., Otsego, Mich
Bryant Paper Co., Kalamazoo, Mich.
Champion Coated Paper Co., Hamilton, O.
Cleveland-Akron Bag Co., Cleveland, O.
Dill & Collins Co., 140 N 6th, Phila., Pa.
Ft. Orange Paper Co., Castleton-on-Hudson, N. Y.
Franklin Coated Paper Co., Franklin, O.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Merrimac Paper Co., Lawrence, Mass.
National Coated Paper Corp., Pawtucket, R. I.
Paper Goods Mfg. Co., 925 Pennsylvania av, Pittsburgh, Pa.
Riverview Coated Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Walther & Co., 72 Duane, New York
Watervliet Paper Co., Watervliet, Mich.
West Va. Pulp & Paper Co., 200 5th av, New York

10717— Paper (Tag)

Cherry River Paper Co. (Manila), Pennsylvania bldg, Phila., Pa.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
International Paper Co., 30H Broad, New York
Marathon Paper Mills Co., Rothschild, Wis.
Monroe Bridge Paper Co. (Manila Tag Board), Monroe Bridge, Mass.
National Coated Paper Corp., Pawtucket, R. I.

10718— Paper (Ticket)

Ft. Orange Paper Co., Castleton-on-Hudson, N. Y.
International Paper Co., 30H Broad, New York
La Monte Geo. & Son ("National Safety"), 61 B'way, New York
Monroe Bridge Paper Co. (Roll), Monroe Bridge, Mass.

10719— Paper (Tissue)

Adams Paper Co. (Manila & Anti-Tarnish), Wells River, Vt.
Ancram Paper Mills, 150 W 22d, New York
Angel H. Reeve & Co., Inc. (Japanese), 7 Spruce, New York.
Ashuelot Paper Co., Hinsdale, N. H.
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills (Packages & Rolls), Carthage, N. Y.
Clayville Paper Mills Co., Clayville, N. Y.
Cole W. A. Paper Co. (Manila), Putney, Vt.
Consumers' Box Board & Paper Co. (Rolls Only), Lititz, Pa.
Continental Paper Bag Co. (Manila, White & Colored Crash), 18 E 40th, New York
Crown Willamette Paper Co., San Francisco, Cal.
Crystal Paper Co., Middletown, O.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Dexter C. H. & Sons ("Star," White & Colored), Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Erving Paper Mills (Specialties), Erving, Mass.
Fisk Paper Co. (White & Manila), Hinsdale, N. H.
Flambeau Paper Co., Park Falls, Wis.
Flower City Tissue Mills Co., Rochester, N. Y.
Garrett Edwin, Chester, Pa.
Greene Paper Co. (Pure Jute Manila), 5014 Market, Phila., Pa.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S. Co., Baldwinsville, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Japanese Tissue Mills, Holyoke, Mass.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Lawless Paper Co., Rochester, N. Y.
Le Fevre Edward Y., Fallsburgh, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
McIntyre Bros. Paper Co., Inc., Fayetteville, N. Y.
Mumford Paper Mills, Inc. (Manila), Mumford, N. Y.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
North End Paper Co., Fulton, N. Y.
Onondaga Paper Co., Marcellus Falls, N.Y.
Orono Pulp & Paper Co., Bangor, Me.
Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.
Pioneer Paper Co., Ballston Spa, N. Y.
Pollock Paper Co. (Wholesale), 1401 Pacific av, Dallas, Texas
Rainbow Paper Mills, Rainbow, Conn.
Ralston W. & Co., Inc. (Waxed), Niagara Falls, N. Y.
Robertson Bros. (Manila, White & Colored, in Rolls), Hinsdale, N. H.

PAPER (TISSUE)—continued

Robertson E. C. & Son (Manila, White & Colored, in Rolls & Large Sheets), Hinsdale, N. H.
Robertson G. A. & Co. (Manila), Hinsdale, N. H.
Robertson Paper Co., Bellows Falls, Vt
Robertson's Wm. Sons (White & Colored), Putney, Vt.
Savage Mfg. Co., Skowhegan, Me.
Scott Paper Co., Chester, Pa.
Smith Paper Co. (Also Roll), Lee, Mass.
Sorg Paul A. Paper Co., Middletown, O.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Thilmany Pulp & Paper Co., Wisconsin Tissue Div, Appleton, Wis.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Union Waxed & Parchment Paper Co., 45 Cedar, New York
Victoria Mills Paper Co. (Also Roll), Fulton, N. Y.
White Springs Paper Co., Nutley, N. J.
Whittelsey F. H. Co. (White & Grass Bleached), Windsor Locks, Conn.

10720—Paper (Tissue, Manila)

Adams A. L. Paper Co. (In Rolls for Toilet Paper, Baldwinsville, Mass.
Adams Paper Co., Wells River, Vt.
Ancran Paper Mills, 150 W 22d, New York
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Cole W. A. Paper Co., Putney, Vt.
Continental Paper Bag Co., 18 E 40th,
Coy Paper Co., West Claremont, N. H.
Crescent Paper & Machine Co., Phoenix, N Y
Crystal Paper Co., Middletown, O.
Fisk Paper Co. (Inc.), Hinsdale, N. H.
Gandey W. H. (Est. of), Lambertville, N. J.
Garrett E., Chester, Pa.
Garrett E. T. Co., Lansdowne, Pa.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S. Co. Baldwinsville, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Jarvis Paper Mills, West Claremont, N. H.
Lawless Paper Co., Rochester, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
Mason-Perkins Paper Co., Bristol, N. H.
Moyer & Pratt, Lyons Falls, N. Y.
Mumford Paper Mills, Inc., Mumford, N. Y.
North End Paper Co., Fulton, N. Y.
Northern Paper Mills, Green Bay, Wis.
Onondaga Paper Co., Marcellus Falls, N. Y.
Oswego River Paper Mills, Phoenix, N. Y.
Paper Converting Corp., Niagara Falls, N. Y.
Pequannock Valley Paper Co., Butler, N. J.
Robertson Bros., Hinsdale, N. H.
Robertson E. C. & Son, Hinsdale, N. H.
Robertson G. A. & Co., Hinsdale, N. H.
Robertson Paper Co., Bellows Falls, Vt.
Stevens & Thompson, North Hoosick, N. Y.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Victoria Paper Mills Co., Fulton, N. Y.
Whittelsey F. H. Co., Windsor Locks, Conn.

10721—Paper (Tissue, Oiled)

Whittelsey F. H. Co., Windsor Locks, Conn.

10722—Paper (Tissue, White & Colored)

Ancran Paper Mills, 150 W 22d, New York
Ashland Paper Co. (Colors), Ashland, Wis.
Ashuelot Paper Co. (White), Hinsdale, N. H.
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Continental Paper Bag Co., 18 E 40th, New York
Crystal Paper Co., Middletown, O.
Dexter C. H. & Sons, Windsor Locks, Conn.
Fisk Paper Co. (Inc.), (White), Hinsdale, N. H.
Flower City Tissue Mills Co. (Light Weight), Rochester, N. Y.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S. Co. Nos. 1 & 2 (White) Baldwinsville, N. Y.
Japanese Tissue Mills, Holyoke, Mass.
Kimberly-Clark Co., Neenah, Wis.
Little Falls Paper Co., Newburgh, N. Y.
Moyer & Pratt (White), Lyons Falls, N. Y.
North End Paper Co. (Nos. 1 & 2 White), Fulton, N. Y.
Onondaga Paper Co. (White), Marcellus Falls, N. Y.
Pioneer Paper Co., Ballston Spa, N. Y.
Riverton Co., Riverton, Conn.
Robertson Bros. (Roll), Hinsdale, N. H.
Robertson E. C. & Son, Hinsdale, N. H.
Robertson's Wm. Sons, Putney, Vt.
Smith Paper Co., Lee, Mass.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Three Rivers Paper Co. (No. 2 White), Phoenix, N. Y.
Tuttle Press Co., Appleton, Wis.
Victoria Paper Mills Co. (White, Sheets & Rolls), Fulton, N. Y.

10723— Paper (Tobacco)

International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
Walsh Paper Co., Cuyahoga Falls, O.

10724— Paper (Toilet)

A. P. W. Paper Co. ("A. P. W." "Bob White" "Cross Cut" "Equity" "Fort Orange" ."Onliwon" "Pure White" "Red Cross"), Dept. H, Albany, N. Y.
Adams A. L. Paper Co., Baldwinsville, Mass.
Adams Paper Co., Wells River, Vt.
Barth L. & Son (Dirs.), Cooper sq, New York
Carthage Tissue Paper Mills (Tissue), Carthage, N. Y.
Cole W. A. Paper Co. ("Eagle Mills"), Putney, Vt.
Continental Paper Bag Co., 18 E 40th, New York
Cremoline Distinfecting Co., 121 Main, St. Louis Mo.
Crescent Paper & Machine Co., Phoenix, N. Y.
Grunden Martin Mfg. Co., (Rolls, Packages), 2d & Gratiot, St. Louis, Mo.
Ewing H. Norwood Co. (Roll), Woolworth bldg, New York.
Fisk Paper Co. (Package), Hinsdale, N. H.
Handifold Toilet Paper Co., Leominster, Mass.
Hoberg Jno. Co. (Roll & Package Tissue), Green Bay, Wis.
Hoffman R. S. Co. Baldwinsville, N. Y.
Hults Elsworth H., Inc., 218 Walnut, Phila. Pa.
Ingersoll Paper Co., Troy, N. Y.
Jerome Paper Co., 314 W 53d, New Yorw
Johnson Geo. T. Co., 76 Batterymarch, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Morgan Envelope Co., Springfield, Mass.
Mumford Paper Mills Inc., Mumford, N. Y.
Northern Paper Mills (Tissue, Automatic Toilet Service, "Northern," Roll & Oval), Green Bay, Wis.
Oswego River Paper Mills (Package & Roll), Phoenix, N. Y.
Paper Goods Mfg. Co., 925 Pennsylvania av, Pittsburgh, Pa.
Paper Novelty Co., Green Bay, Wis.
Paper Service Co., Hinsdale, N. H.
Peerless Mfg. Co., Norristown, Pa.
Phoenix Toilet & Paper Mfg. Co. (Tissue), Phoenix, N. Y.
Pollock Paper Co. (Wholesale), 1401 Pacific av, Dallas, Texas
Premier Paper Co., 260 W B'way, New York
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Robertson G. A. & Co. (Rolls & Sheets), Hinsdale, N. H.
Sauquoit Toilet Paper Co., New Hartford, N. Y.
Scott Paper Co. ("Scottissue"), Chester, Pa.
Three Rivers Paper Co., Phoenix, N. Y.
Tuttle Press Co., Appleton, Wis.
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United States Paper Mills, Chambers- burg, Pa.
Victoria Paper Mills Co. (In Rolls & Packages), Fulton, N. Y.
Wortendyke Mfg. Co., Richmond, Va.
See adv index at end of book

TOILET PAPERS
PAPER TOWELS
PAPER BAGS
PAPER TWINES
All Sizes and Kinds
WORTENDYKE MFG. CO.
Richmond, Va.

Paper (Tracing)

See Tracing Cloth & Paper

10724a—Paper (Trade Mark)

Acme Paper Co. 52 Elizabeth, New York

10725— Paper (Train Order)

Whittlesey F. H. Co., Windsor Locks, Conn.

10726—Paper (Transfer Graining)

Majert Emil Co. ("Kalligraine"). 9 E 37th, New York

10727— Paper (Translucent)

Bardeen Paper Co., Otsego, Mich.
Riverview Coated Paper Co., Kalamazoo, Mich.

10727a— Paper (Tumeric)

Cooper Chas. & Co., 194 Worth, New York

10728— Paper (Typewriter)

See also Paper, Writing, Manufacturers

American Writing Paper Co., Holyoke, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Dexter C. H. & Sons (Thin), Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Eaton, Crane & Pike Co. ("Crane," "Berkshire"), Pittsfield, Mass.
Esleeck Mfg. Co., Turners Falls, Mass.
Fox River Paper Co., Appleton, Wis.
Hampshire Paper Co. ("Old Hampshire Bond"), So. Hadley Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
Mumford Paper Mills, Inc. Mumford, N. Y.
Remington Typewriter Co., 374H B'way, New York
Smith Paper Co., Lee, Mass.
Strathmore Paper Co., Mittineague, Mass.
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Whittelsey F. H. Co., Windsor Locks, Conn.

10729—Paper (Water Proof)

Brown Co. ("Wax & Kraft"), Portland, Me.
Case & Marshall, Hartford, Conn.
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Cleveland Waterproof Paper Co., Cleve- land, O.
Federal Asbestos Co., Milwaukee, Wis.
Flinkote Co. ("Rex" Black), 88 Pearl, Boston, Mass.
Hollingsworth & Whitney Co. ("Dux de Lux"), 185 Devonshire, Boston, Mass.
Keystone Roofing Mfg. Co. (For Case Lining & Wrapping), York, Pa.
Kimberly-Clark Co., Neenah, Wis.
National Waterproofing Co., Drexel bldg, Phila., Pa.
Nekoosa-Edwards Paper Co., Port Ed- wards, Wis.
Ralston W. & Co., Inc. ("Drypack" Duplex, Cloth Lined), Niagara Falls, N.Y.
Safepack Mills ("Safepack"), 727 Atlantic av, Boston, Mass.
Lined), 125 St. Clair av N W, Cleveland, O. & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Watson H. F. Co., Erie, Pa.

10730—Paper (Waxed or Paraffine)

Bennington Wax Paper Co., Bennington, Vt.
Cleveland Waterproof Paper Co., Cleveland, O.
Dragon Paper Mfg. Co. Inc., 102 Prince, New York
Hamersley Mfg. Co., 232 Greenwich, New York
Hoffman R. S. Co., Baldwinsville, N. Y.
Hollingsworth & Whitney Co., 185 Devon- shire, Boston, Mass.
Japanese Tissue Mills, Holyoke, Mass.
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.
McDowell Paper Mills (Waxed) Main & Levering, Phila., Pa.
Menasha Printing & Carton Co., Menasha, Wis.
National Waterproofing Co., Drexel bldg, Phila., Pa.
National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.
Newark Paraffine & Parchment Paper Co., 90 West, New York
Ohio Wax Paper & Printing Co., Colum- bus, O.
Orono Pulp & Paper Co., Bangor, Me.
Paper Goods Mfg. Co., 925 Pennsylvania av, Pittsburgh, Pa.
Ralston W. & Co., Inc. (Waxed), Niagara Falls, N. Y.
Robertson Paper Co., Bellows Falls, Vt.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J.
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Union Waxed & Parchment Paper Co., Hamburg, N. J.
Waterproof Paper & Board Co., 427 E 6th, Cincinnati, O.
West Carrollton Parchment Co. ("Puri- tan" Printed & Plain), West Carrollton, Ohio
Wolverine Paper Co., Otsego, Mich.

10731— Paper Weights

Canton Glass Co., Marion, Ind.
Cruver Mfg. Co., 2456 W Jackson blvd, Chicago, Ill.
Dean & Williams Co. ("Nestor"), 4317 Elston av, Chicago, Ill.
Smith L. E. Glass Co., Mt. Pleasant, Pa.
Sneath Glass Co., Hartford City, Ind.
Torsion Balance Co., 92 Reade, New York

10732—Paper (White Print)

Chatfield & Woods Co., 3d & Plum, Cin- cinnati, O.

International Paper Co., 30H Broad, New York
Kimberly-Clark Co., Neenah, Wis.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.

10733— Paper (Wrapping)

American Straw Board Co., B'way & 42d, New York
American Writing Paper Co., Holyoke, Mass.
Andrews John T. & Co., Penn Yan, N. Y.
Angier Mills (Waterproof Cloth Lined), Ashland, Mass.
Ashland Paper Co. (Fruit), Ashland, Wis.
Badger Bag & Paper Co., 3787 S Ashland av, Chicago, Ill.
Bardeen Paper Co. (Rag), Otsego, Mich.
Barnes Paper Mills, Rochester, Mich.
Bedford Pulp & Paper Co., Richmond, Va.
Bicking S. Austin Mfg. Co., East Downington, Pa.
Bird & Son (Hardware), East Walpole, Mass.
Brown Co., Portland, Me.
Carolina Fibre Co. (Colored), Hartsville, S. C.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Continental Paper Bag Co. (Manila, Fibre & Coated), 18 E 40th, New York
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Earl M. J., Reading, Pa.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Hartje Paper Mfg. Co., Columbia Bank bldg, Pittsburgh, Pa.
Hawley Pulp & Paper Co., Oregon City, Ore.
HEWITT C. B. & BROS. INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Humphrey & Young (Light & Heavy Bogus), Napanoch, N. Y.
International Paper Co., 30 Broad, New York
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co., South Bend, Ind.
Lockport Paper Co., Lockport, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
McDowell Paper Mills, Main & Levering, Philadelphia, Pa.
Marathon Paper Mills Co. (Fibre), Rothschild, Wis.
Marcellus Paper Co., Syracuse, N. Y.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moorhouse R. T. Paper Co., 2655H Bridge, Bridesburg, Phila., Pa.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Newton Paper Co. ("Elephant," "Tiger," "National" & "Seal" Manila Duplex), Holyoke, Mass.
Niagara Paper Mills (Watermarked), Lockport, N. Y.
Niles Board & Paper Co., Niles, Mich.
Orono Pulp & Paper Co., Bangor, Me.
Oxford Paper Co., 200 5th av, New York
Pollock Paper Co. (Wholesale), 1401 Pacific av, Dallas, Texas
Pejepscot Paper Co., 111 B'way, New York.
Raquette River Paper Co. (Manila & Fibre), Potsdam, N. Y.
Ravenswood Paper Mill Co., Ravenswood, L. I., N. Y.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Richmond Robt. P., Valatie, N. Y.
Roberts John & Son Co., Waltham, Mass.
Robertson C. M. Co. (Bogus), Montville, Conn.
Robertson's Wm. Sons (Tissue, for Fruit & Bottles), Putney, Vt.
Safepack Mills, 727 Atlantic av Boston, Mass.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Smith Paper Co., Lee, Mass.
Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.
Thilmany Pulp & Paper Co., Kaukauna, Wis.
Tuttle Press Co. (Soap), Appleton, Wis.
Union Bag & Paper Corp., 233 B'way, New York.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Van de Carr Paper Co. (Bogus), Stockport, N. Y.
Wall J. F. & Son, Walpole, Mass.
Walton D. S. & Co. ("Swedish Kraft"), 132 Franklin, New York
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, O.
Wolf River Paper & Fiber Co., Shawano, Wis.
Wortendyke Mfg. Co., Richmond, Va.
See adv index at end of book
Yellow Pine Paper Mill Co. (Soda Fibre), Orange, Tex.
York Haven Paper Co., Land Title bldg., Phila., Pa.

10734—Paper (Wrapping, in Rolls)

Boydell Bros. White Lead & Color Co. (Oil), 432 E Lafayette, Detroit, Mich.
Brown Co., Portland, Me.
Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.
Fox Paper Co., Lockland, O.
HEWITT C. B. & BROS. INC. (Jobbers), 20 Ferry, New York
See adv index at end of book
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
International Paper Co., 30H Broad, New York
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
National Paper Product Co., 1789H Montgomery, San Francisco, Cal.
New York Roll Wrapping Paper Co. "Hopking," "Simplex"), 84 Beekman, New York
Perry Chas. E. Co., 77 Washington, N, Boston, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10735—Paper (Wrapping, Rag)

Bardeen Paper Co., Otsego, Mich.
Brown Paper Co., Ft. Madison, Ia.
Central Box Board Co., 43rd & Racine av, Chicago,, Ill.
Clinton Paper Co., Clinton, Ia.
Fairfield Paper Co., Baltimore, O.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Kieffer Paper Co., Ewing, Ind.
Marseilles Wrapping Paper Co., Marseilles, Ill.
Mitchell & Son Co. (Wholesale), Palmyra, Mich.
Mitchell & Son Co., Palmyra, Mich.
Monroe Paper Co., Monroe, Mich.
Munroe Falls Paper Co., Massillon, O.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Schmidt & Ault Paper Co., York, Pa.
Terre Haute Paper Co., Terre Haute, Ind.
Van de Carr Paper Co., Stockport, N. Y.

10736—Paper (Wrapping, Straw)

American Straw Board Co., B'way & 42d, New York
Brown Paper Co., Fort Madison, Ia.
Carlyle Paper Co., Caryle, Ill.
Clinton Paper Co., Clinton Ia.
Fox Wm. H. & Sons, Penn Yan, N. Y.
Hagar Straw Board & Paper Co., Xenia, O.
Massillon Paper Co., Massillon, O.
Monroe Paper Co., Monroe, Mich.
Munroe Falls Paper Co., Massillon, O.
Richmond Robert P., Valatie, N. Y.
Rockford Paper Mills, Rockford, Ill.
Terre Haute Paper Co., Terre Haute, Ind.
Van de Carr Paper Co., Stockport, N. Y.

10737— Paper (Writing)

See also Paper, Railroad Manila & Writing
American Papeterie Co., Albany, N. Y.
American Writing Paper Co., Holyoke Mass.
Angel H. Reeve & Co., Inc. (Selling Agents), 7 Spruce, New York.
Bardeen Paper Co., Otsego, Mich.
Beckett Paper Co., Hamilton, O.
Bryant Paper Co., Kalamazoo, Mich.
Carew Mfg. Co., South Hadley Falls, Mass
Chapin & Gould Paper Co., Springfield Mass.
Chemical Paper Mfg. Co., Holyoke, Mass
Collins Mfg. Co., N Wilbraham, Mass.
Columbian Paper Co., Buena Vista, Va.
Crane Bros., Westfield, Mass.
Crane Z. & W. M., Dalton, Mass.
Crane & Co., Dalton, Mass.
Crocker, Burbank & Co., Fitchburg, Mass.
Crocker-McElwain Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Cushnoc Paper Co., Augusta, Me.
Dill & Collins Co., 140 N 6th, Phila., Pa.
East Hartford Mfg. Co., Burnside, Conn.
Eastern Mfg. Co. (Linen Finished), Bangor, Me.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Essex Pad & Paper Co., Holyoke, Mass.
Everett Pulp & Paper Co., Everett, Wash.
Fox River Paper Co., Appleton, Wis.
Gilbert Paper Co., Menasha, Wis.
Glatfelter P. H. Co., Spring Grove, Pa.
Hamilton W. C. & Sons, William Penn Pa.
Hammermill Paper Co., Erie, Pa.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howard Paper Co., Urbana, O.
Hurd Geo. B., 425 Broome, New York
International Paper Co., 30H Broad, New York
Kalamazoo Paper Co., Kalamazoo, Mich.
Keith Paper Co., Turners Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Lee Paper Co., Vicksburg, Mich.
Mead Pulp & Paper Co., Dayton, O.
Merrimac Paper Co., Lawrence, Mass.
Mountain Mill Paper Co., Lee, Mass.
Nashua River Paper Co., Pepperell, Mass.
N. Y. & Pennsylvania Co.,, 200 5th av, New York
Oglesby W. B. Paper Co. ("Antique Club"), Middletown, O.
Old Berkshire Mills Co., Dalton, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Poland Paper Co., Mechanic Falls, Me.
Powers Paper Co., Springfield, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taylor-Atkins Paper Co., Burnside, Conn.
UNION PAPER & TWINE CO., 128 St. Clair av, NW, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Ward Marcus, Inc., Pearson & Creek, Long Island City, N. Y.
Watervliet Paper Co., Watervliet, Mich.
West Virginia Pulp & Paper Co., 200 5th av, New York. Mills: Davis, W. Va.
Whiting George A. Paper Co., Menasha, Wis.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.

10738— Paper & Pulp Mills

Star (*) Indicates Wood Pulp Mills

If the Main Office is not located at the Mill, the location of same follows after the Name

CALIFORNIA.

ANTIOCH—California Paper & Board Mills (Straw Board, Deadening Felts, Tag Board, etc). Office: San Francisco, Cal.
LOS ANGELES—Los Angeles Paper Mfg. Co. (Sheathing, Deadening Felts & Wrapping), 1633H N San Pablo
Southern Board & Paper Mills (Box Board)
SAN FRANCISCO—Crown Willamette Paper Co. (Manila, News, Express, Bag, Fruit, Kraft, Wrapping & Tissue also Ground Wood, Sulphite & Kraft Fibres). Mills: Oregon City, Ore.
Paraffine Companies Inc., The California Paper & Board Mills Div. (Straw Board Tag Mills), 34 First, Antioch

CONNECTICUT.

ANDOVER—Case Board Co. (Leather Board & Specialties)
BRIDGEPORT—Tait & Sons Paper Co. (Box Board)
BURNSIDE — Case & Marshall. Office: Hartford, Conn.
East Hartford Mfg. Co. (Bonds, Linens, Parchment, Folding, Writing, etc)
Taylor-Atkins Paper Co. (Bonds, Linens, Vellums & Writing)
DANBURY—Beaver Brook Paper Mills (Mill Wrappers, etc.)
EAST HAMPTON—Brown Howerd Curtis (Estate) (Card Middles, Coating & Lithograph Papers)
GLASTONBURY—Naubuc Paper Co. (Box Cloth, Button, Leather, Mill, Trunk & Wrapping Boards)
Riverside Paper Mfg. Co. (Binders Board, etc)
HARTFORD — Case & Marshall (Rope, Board, Water Proof, Papers, etc), Mills: Burnside, Conn.
Hartford Board Co. (Binders' Leather & Straw Board)
Hartford Paper Co. (Book, Cologne, French Folio & Colored Papers), Mills, Poquonock, Conn.
HIGHLAND PARK—Case Bros. (Press Board, Jacquard Cards, Insulating Board, etc)
HOP RIVER—Holland Leather Board Co. (Leather Board & Specialties)
MANCHESTER—American Writing Paper Co. (Writing Specialties in Paper, Fine Book, Cover & Plate Papers). Office: Holyoke, Mass.
Case A. Willard Co. (Imitation Press & Decorated Boards & Cover Papers, Poster & Mat Boards & Specialties)
Colonial Board Co. (Binders Board)
Foulds Wm. Co. (Button, Straw, Binders & Leather Board)
Lydall & Foulds Paper Co. (Chipped Plain & Mill Lined Straw Board)
MONTVILLE—Keyes Products Co. (Refined Wood). Office: New York City
Robertson C. M. Co. (Bogus Wrapping Anti-Tarnish, Folding Box Boards, etc.)
Thames River Specialties Co. (Card Middles, Lithographing, Carton, etc)
NEW HAVEN—New Haven Pulp & Board Co. (Manila & White Folding Box Boards, News, etc)
Parker Jos. & Son Co. (Blotting)
NORTH WESTCHESTER—Norton C. H. (Binders, Box Shoe & Trunk Board)
NORWICH—American Straw Board Co. (Box Board & Card Middles)
ONECO—Case & Risley Press Paper Co. (Rag Press Papers in All Colors & Hand Finished Boards)
POQUONOCK—Hartford Paper Co. (Book, Catalogue, French Folio & Colored Papers). Office: Hartford, Conn.
RAINBOW—Rainbow Paper Mills (Richard R. Vernon, Prop.) (R. R., Impression Paper, Tissue & Copying)
RIVERTON—Riverton Co. (Yellow Railroad Copying & Oil Tissue)
SCITICO—Stowe J. D. & Sons (Leather Boards)

CONNECTICUT—continued

SEYMOUR—Beach S. Y. Paper Co. (Colored Specialties)

SOUTH COVENTRY—South Coventry Paper Co. (Binders', Box & Leather Boards)

SOUTHFORD — Diamond Match Co. (Binders' Straw, Album & Manila Board). Office: Chicago, Ill.

SOUTH GLASTONBURY—Wasuc Mills Co. (Binders, Straw, Album & Leather Board & Specialties)

SOUTH MANCHESTER—Brookside Paper Co. (Binders, Album & Trunk Board)

Case Bros. (Press Board, Jacquard Cards, Insulating Boards, etc)

Rogers Paper Mfg. Co. (Press, Insulating, Jacquard, Shield & Leather Boards)

UNCASVILLE—Thames River Specialties Co. (Folding Box Boards, Card Middles, Coated Boards, etc)

UNIONVILLE—Case Mfg. Co. (Colored, Hardware, Manila, Pattern & Rope)

VERSAILLES—Federal Paper Board Co., Inc. (Box Boards, Cracker Shell, Container Board & Specialties)

WESTPORT—Westport Paper Co. (Binders, Leather, Trunk & Box Board)

WESTVILLE — Parker Jos. & Son Co. (Blotting)

WINDSOR—Merwin Paper Co. (Insulating, Press & Shield Boards)

WINDSOR LOCKS—American Writing Paper Co. (Boards & Manila, Rope & Jute Manilas). Office: Holyoke, Mass.

Dexter C. H. & Sons (Cover Papers, Tissues & Specialties, Manifold Linen Typewriter, Grass-Bleached Silver Tissues, White & Colored Tissues, Copying, Bristols)

Whittelsey F. H. Co. (Yellow Way Bill, Manila, White & Parchment Copying, White & Colored Tissue, Manifold, Grass-Bleached, Typewriter, Anti-Tarnished, Oiled Tissue & Boards & Train Orders, etc.).

DELAWARE.

GRANOGUE—Garrett Edwin (Tissue Manila & Colored). Office: Chester, Pa.

MARSHALLTON—Delaware Hard Fibre Co. (Rag Specialties). Office: Wilmington, Del.

See adv index at end of book

NEWARK—Curtis & Bro. (Rag Book, Envelope, Specialties & Writings)

WILMINGTON—*Jessup & Moore Paper Co (Book, Paper & Soda Fibre). Office Phila., Pa.

WOODDALE—Marshall & Mitchell (Special Paper for Making Vulcanized Fibre for Electrical & Mechanical Purposes)

YORKLYN—Marshall Bros. (Rag Papers for Vulcanized Fibre & Rag Specialties)

DISTRICT OF COLUMBIA.

WASHINGTON—District of Columbia Paper Mfg. Co. (Finish Bond, Blotting, Embossed Flora Blottings, Cover, Matrix & Specialties), 3255 K, N W

GEORGIA.

GORDON—Pynetree Paper Co. (See New York City)

SAVANNAH—Atlantic Paper & Pulp Corp., Dept. H.

ILLINOIS.

ALTON—Alton Box Board & Paper Co. (Straw Box Board & Plain Chip Board), Dept. H.

Carlyle Paper Co.

ANDERSON—Patent Vulcanite Roofing Co. (Felt)

AURORA—Monroe Binder Board Co. (Fibre)

CARLYLE—Carlyle Paper Co. (Straw Wrapping, Carpet, Building & Deadening Felts)

CHICAGO—American Straw Board Co. (Straw Board, Mill Lined; Chip Paper Stock, News, Combination Board), 122 S Michigan av

Am. Tar Products Co., 208 S La Salle

Central Box Board Co. (Straw Express, Ham & Rag Wrappings), 43d & Racine av. Mills: Rock Falls, Ill.

Cornell Wood Products Co., 190 N State

Ford Roofing Products Co. (Boards, Express, Carpet Linings, Deadening Felts), 2339 La Salle

Gair, Robert Co. (Chicago Coated Board Div.), 420 E North Water

Lewis F. J. Mfg. Co., 2513 Robey

Patent Vulcanite Roofing Co. (Felt), 175 W Jackson blvd

Sall Mountain Co. (Asbestos Paper & Boards), 305 S La Salle. Mills: Rockdale, O.

Seaman Paper Co., 208 S La Salle

DECATUR—E. Z. Opener Bag Co.

MARSEILLES — Certain-teed Products Corp, (Building) *Crescent Paper (Straw & Chip Board, Egg Case Fillers & Box Board, Manila Lined & Plain)

Marseilles Wrapping Paper Co. (Rope Papers, Glazed Express, Rag & Bag Papers)

MOLINE—Lewis F. J. Mfg. Co. (Roofing Felts)

MORRIS—Morris Paper Mill Co.

MOUNT CARMEL—United Paper Board Co. (Straw Board). Office: New York City

PEORIA—Barrett Co. (Roofing Felt) Office: New York City

Bemis Bro. Bag Co.

United Paper Board Co. (Straw Board). Office: New York City

QUINCY—American Straw Board Co. Office: Chicago, Ill.

Weis Paper Mill Co.

ROCK FALLS—Central Box Board Co. Straw, Express, Ham & Rag Wrapping). Office: Chicago, Ill.

ROCKFORD—Rockford Paper Box Board Co. (Straw, Chip, Jute & Combination Boards)

Rockford Paper Mills (Straw Board & Straw Wrapping)

TAYLORVILLE—E-Z Opener Bag Co. (Bag, Express & Manila)

VANDALIA—Ford Mfg. Co. (Roofing & Deadening Felt, Bottle Wrapper & Carpet Lining). Office: Chicago, Ill.

WILMINGTON—American Straw Board Co. (Chip, Paper Stock, News & Combination Boards)

INDIANA.

ALBANY—Hart T. F. Paper Co.

ALEXANDRIA—Alexandria Paper Co. (Machine Finished Book & News)

ANDERSON—Patent Vulcanite Roofing Co. (Felt)

BROOKVILLE—*Thompson & Norris Co. (of Indiana) (Straw & Fibre Papers for Corrugating & Corrugated Paper & Bottle Packing). Office: Brooklyn, N. Y.

BROWNSTOWN—Kieffer Paper Co. (Rag, Lining, Corrugated Carpet & Packing Paper & Non-Absorbent Ham)

CARTHAGE—Carthage Board & Paper Co. (Binders' Board)

DELPHI—Delphi Straw Board Co.

EATON—Fort Wayne Corrugated Paper Co.

ELKHART—Wheat Paper Co.

EVANSVILLE—Funke Ferdinand Sons (Heavy Cloth Mill Wrapper Absorbent & Common Ham Wrapper & Feather Edge Fibre Work)

FORT WAYNE—Fort Wayne Corrugated Paper Co.

HARTFORD CITY—Hartford City Paper Co. (Glassine, Greaseproof, Manifold, Embossed Parchmyn & Onion Skin Paper)

INDIANAPOLIS—Beveridge Paper Co. (White & Combination Boards, Bristols, Blanks & Silk Wrappers)

KOKOMO—Mid-West Box Co.

LAFAYETTE—Lafayette Box Board & Paper Co. (Straw Board, Plain & Mill Lined Sheet)

MARION—Marion Paper Co. (Folding Box Board, News Boards, Filled & Solid Pulp Boards, Plain & Grained Jute Board & Colored Board)

MOUNT VERNON—Mount Vernon Straw Board Co. (Plain & Lined Straw Board)

MUNCIE—Hinde & Dauch Paper Co. (Chip & Jute Board). Office: Sandusky, O.

NOBLESVILLE—American Straw Board Co. Office: Akron, Ohio

PORTER—Sall Mountain Co. (Asbestos Paper & Boards, etc). Office: Chicago, Ill.

ROCKPORT—United Paper Board Co. (See New York City)

SOUTH BEND—La Salle Paper Co. (Express, Wrapping & Specialties)

TERRE HAUTE—Terre Haute Paper Co. Corrugating Tube & Egg Case Boards, Straw and Rag Wrapping), Office: Dayton, O.

VINCENNES — Fort Wayne Corrugated Paper Co.

Indiana Board & Fibre Co., (Plain & Mill Lined Straw Board)

WABASH—United Paper Board Co. (Straw Board, Doubled Straw & Paper Stock Boards, Chip, Paper, Stock, News & Combination Boards & Coated Box Boards). Office: New York City

IOWA.

CEDAR RAPIDS— Cherry J. G. Co. (Egg Case Fillers)

CLINTON—Clinton Paper Co. (Straw & Rag Wrapping)

Ford Roofing Products Co. (Building Sheathing)

Klein Oscar

FORT MADISON—Brown Paper Co. (Straw & Rag Wrapping)

TAMA—Cherry J. G. Co. (Egg Case Fillers)

KANSAS.

HUTCHINSON—Hutchinson Box Board & Paper Co.

LAWRENCE—Lawrence Paper Mfg. Co. (Straw Wrapping, Board & Corrugated Packing)

LOUISIANA.

BOGALUSA—Great Southern Lumber Co. (Fibre Board)

Louisiana Fibre Board Co.

BRAITHWAITE—E. Z. Opener Bag Co.

MAINE.

AUGUSTA—*Cushnoc Paper Co. (Envelope, Manila, Bag & Sack, Manila Wrapping, Yellow Writing, Laid & Wove, White Sulphite Papers, etc)

BANGOR—Eastern Mfg. Co. (Loft & Machine Dried Ledger Linen & Writing, Bond & Envelope, etc)

*Orono Pulp & Paper Co. (Bag, Coating, Manila, Envelope, Sulphite Fibre). Mills: Orono, Me.

BELFAST—Sherman & Co. (Leather Board)

BRUNSWICK—Pejepscot Paper Co. (News, Cover & Wrapping)

CHISHOLM—*International Paper Co., Office, New York City

CUMBERLAND MILLS—*Warren S. D. Co. (Book & Coated Paper & Soda Fibre), Office: Boston, Mass.

EAST MILLINOCKET—Great Northern Paper Co. (Ground Wood)

FAIRFIELD—United Paper Board Co. (Ground Wood), Office: New York City

GARDINER—*Hollingsworth & Whitney Co. (Manila, Writing & Railroad Manila & Ticket, Parchment, Waxed Manilas, Linings & Packers), Office: Boston, Mass.

Warren S. D. Co. (Copsecook Mill) Machine-Finished & Super-Calendered Book), Office: Boston, Mass.

GREAT WORKS—*Penobscot Chemical Fibre Co. (Soda Fibre), Office: Boston, Mass.

HOWLAND—*Howland Pulp & Paper Corp. (Sulphite Fibre)

LISBON FALLS—Pejepscot Paper Co. (Sulphite Fibre)

LIVERMORE FALLS — *International Paper Co. (Pulp Boards & Mill Wrappers & Ground Wood), Office: New York City

MADISON—*Great Northern Paper Co. (News & Manila Paper & Sulphite Fibre & Ground Wood), Office: New York City

Hollinsworth & Whitney Co.

MECHANIC FALLS—Poland Paper Co. (Book Writing & Lithograph)

MILLINOCKET—*Great Northern Paper Co. (News, also Ground Wood), Office: New York City

NEWHALL—*du Pont E. I. de Nemours Powder Co. (Ground Wood Flour), Office: Wilmington, Del.

OLDTOWN — *Nekonegan Paper Co. (Ground Wood)

ORONO—*International Paper Co. (News, also Ground Wood), Office: New York City

*Orono Pulp & Paper Co. (Bag, Coating, Manila & Envelope, also Sulphite Fibre), Office: Bangor, Me.

PORTLAND—Brown Co. (Bond, Kraft Wrapping, Sulphite Pulp, Sheathing, Carpet Lining, Mill Wrappers, Bleached & Unbleached, Sulphite Fibre, etc)

RILEY—*International Paper Co. (Ground Wood). Office: New York City.

RUMFORD — International Paper Co., (News, Manila, Bag, also Ground Wood & Sulphite Fibre), Office: New York City

*Oxford Paper Co., Office: New York City

SKOWHEGAN — *Riverside Pulp Co. (Ground Wood)

Savage Mfg. Co.

*Skowhegan Pulp Co. (Ground Wood)

SOLON—International Paper Co. (Ground Wood), Office: New York City

SOUTH BREWER—*Eastern Mfg. Co. (Ledger, Writing & Envelope, also Sulphite Fibre & Ground Wood), Office: Bangor, Me.

SOUTH WINDHAM—*Androscoggin Pulp Co. (Wood Pulp Board, also Ground Wood), Office: Boston, Mass.

STEEP FALLS—Androscoggin Pulp Co., Office: Boston, Mass.

WEST ENFIELD—International Paper Co., Office, New York City

WINSLOW—*Hollingsworth & Whitney Co. (Manila Fibre & Waxed Manilas, Linings & Packers, Railroad Manila & Ticket, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.

WOODLAND (Washington County)—*St. Croix Paper Co. (News, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.

MARYLAND.

ASBESTOS—Baltimore Roofing & Asbestos Mfg. Co.

BALTIMORE — Chesapeake Paperboard Co., Woodall & Claggett

CHESTERTOWN — American Strawboard Co. (Straw Board, Plain, Mill Lined & Sheet Lined). Office: Chicago, Ill.
CHILDS—Marley Paper Mfg. Co.
HAGERSTOWN — Antietam Paper Co. Machine Finished & Super-Calendered Book)
LUKE—West Virginia Pulp & Paper Co. (Calender, Blankbook, Label, Writing, etc.), Office: N. Y. C.
WHITE HALL—Fibre Fabric Co.

MASSACHUSETTS.

ADAMS—Berkshire Hills Paper Co.
Brown L. L. Paper Co. (Linen Ledger & Record, All Linen, Bond, Bank Note, Parchment, etc.)
BALDWINSVILLE—Adams A. L. Paper Co. (Tissue)
BANCROFT—Union Mill (Office: Bulkley, Dunton & Co., 75 Duane, New York City)
BOSTON—Androscoggin Pulp Co., 50 State. Mills: South Windham & Steep Falls, Me.
Boston Paper Mfg. Co. (Fancy Printed), 15 Chardon
Crehore Chas. F. & Son (Press Boards & Jacquard Cards), 87 Milk. Works: Newton Lower Falls, Mass.
Groton Leatherboard Co. (Heating & Counter Boards), 16 State, Mills: W. Groton, Mass.
Herkimer Fibre Co., 51 Lincoln. Mills: Herkimer, N. Y.
Hollingsworth & Vose Co. (Red Rope Roofing & Insulating; All & Part Rope Tag, Pattern Box Stay, Flour & Cement Sack & Specialties), 141 Milk
*Hollingsworth & Whitney Co. (Manila Writing & Railroad Manila & Ticket Parchment, Waxed Manilas, Lining & Packers, Manila Fibre, Sulphite Fibre & Ground Wood), 185 Devonshire, Mills: Gardiner, Me., & Winslow, Me.
Monadnock Paper Mills, 201 Devonshire
Munroe Felt & Paper Co. (Roofing Carpet Lining & Ingrain Hanging), 79 Summer, Mills: Lawrence, Mass.
Penobscot Chemical Fibre Co. (Soda Fibre), 49 Federal, Mills: Great-Works, Me.
*St. Croix Paper Co. (News, Sulphite Fibre & Ground Wood), 244 Washington. Mills: Woodland, Me.
Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate), 49 Federal, Mills: Hyde Park, Mass.
*Warren S. D. Co. Inc. (Book & Coated Paper, Soda Fibre, Machine Finished & Super-Calendered Book), 200 Devonshire. Mills: Cumberland Mills, Me., & Gardiner, Me.
Wheelwright Geo. W. Paper Co. (Coating & Book, Bristol Boards, White & Tinted Blanks, Music, etc), 95 Milk. Mills: Fitchburg, Mass.: North Leominster, Mass., & Wheelwright, Mass.
BRIDGEWATER—Jenkins Geo. O. Co. (Leather Board), Office: Whitman, Mass.
DALTON—Crane Z. & W. M. (Extra Fine Writing)
Crane & Co. (Bank Note, Parchment & Bond)
Old Berkshire Mills Co. (Z. & W. Murray Crane, Props.) (Superfine Writings & Bristol Board)
Weston Byron Co. (Linen Ledger & Record)
DANVERS—Danvers Leather Co. (Leather Board)
EAST PEPPERELL—See Pepperell
EAST WALPOLE—Bird & Son ("Nepenset" Roofing, Building, Sheathing, Hardware, Wrapping, Insulating & Special Waterproof Papers)
Hollingsworth & Vose Co. Office: Boston, Mass.
ERVING—Erving Paper Mills (Crepe & Tissue Specialties)
FITCHBURG—Crocker, Burbank & Co. (Inc.), (Book, Bristol Board, Card, Blotting & Writing)
Fitchburg Paper Co. (Card, Coating, Book & No. 1 Hanging)
Wheelwright Geo. W. Paper Co. (Coating Paper), Office: Boston, Mass.
HAVERHILL—Haverhill Box Board Co. (Box Boards)
HOLYOKE—Advertisers Paper Mill (Covers, Texts & Vellum)
American Writing Paper Co. (Book, Envelope, Writing, Wedding, Calender Backs, High Plate Finish, Bond, Linen & Ledger, Government Bond & Record Ledger, Colored, Drawing & Mimeograph, White & Colored Bristols, Box Cover, Photo Mounts, Hard Fibre, Filter, Stained & Specialties.)
Chemical Paper Mfg. Co. (Tub-Sized Writing, Envelope, Papeterie, Bonds, Linens, Folding Box Boards, Silk Boards, Detail Drawing & Cover)
Crocker-McElwain Co. (Writings, Ledgers, Bonds & Card Index Bristols)
Franklin Paper Co. (White & Colored Bristol Boards, White Blanks & Index Bristols)
Japanese Tissue Mills (Crystal Crepe & Decorating Paper, Waxed Paper, Paper Napkins & Fancy Decorated Tissues)
Newton Paper Co. (Sheathing, Deadening Felt, Wool Felt, Heavy Wrappers, Jute & Rope Manila & Specialties, Corrugated Blue Carpet Lining Felt)
New York-New England Co. (Cover, Card Board, Photograph & Calender Mounting Boards)
Parsons Paper Co. (Bonds, Ledgers, Bristols & Linens)
Taylor-Logan Co. (Book, Cover, Bond, Envelope, Papeterie, Vellum & Special Finish Papers)
Valley Paper Co. (Bonds, Linens, Ledgers, Photographic Papers)
Whiting Paper Co. (Writing)
Whitmore Mfg. Co. (Surface Coated, Enameled Covers & Cardboard)
HOUSATONIC—Rising B. D. Paper Co. (Bond, Linen & Ledgers, Wedding & Index Bristols)
HUNTINGTON—American Writing Paper Co. (Writing). Office: Holyoke, Mass.
HYDE PARK—Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate). Office: Boston, Mass.
LAWRENCE—Champion International Co. (Soda & Sulphite Fibre)
Merrimac Paper Co. (Super-Calendered & Machine Finished & Enameled Book, Coated Lithograph, Writing, Music & Envelope)
Munroe Felt & Paper Co. (Roofing, Carpet Lining & Ingrain Hanging). Office: Boston, Mass.
LEE—Eaton-Dikeman Co. (Blotting & All Grades of Absorbent Papers)
Mountain Mill Paper Co. (High Grade Ledgers & Specialties)
Smith Paper Co. (Copying, Silver, Roll, Colored, Condenser, Typewriter, Wrapping & Carbon Tissues)
MILLERS FALLS—Millers Falls Paper Co. (Book, Cover, Index Bristol, Bond & Tinted Superfines)
MITTINEAGUE—American Writing Paper Co. (Writing, Bond, Russian Linen Ledger & Wedding Board), Office: Holyoke, Mass.
Southworth Co. (Bonds, Linens, Ledgers & Folded Papers)
Strathmore Paper Co. (Bond, Book, Cover, Drawing, Board, Wedding, Mounting, etc)
Worthy Paper Co. Ass'n (Bond, Ledger, Linen Fine, Superfine, Pasted Wedding Board & Fancy Covers, Deckle Edged)
MONROE BRIDGE—*Monroe Bridge Paper Co. (White & Colored Manila Bristol, Manila Tag Board, Duplex Board, Cover & Colored Specialties; also Ground Wood)
MOUNT TOM—*Mount Tom Sulphite Pulp Co. (Bleached Sulphite Fibre), Office: Boston, Mass.
NEW BEDFORD—Pairpoint Corporation (Straw Board, Heavy Baling & Case Lining Papers)
NEWTON LOWER FALLS—Crehore Chas. F. & Son (Press Board & Jacquard Cards), Office: Boston, Mass.
NORFOLK—Wall J. F. & Son ("Juniper" Sheathing, Wrapping, Roofing, Building, etc)
NORTH DIGHTON—Lincoln L. & Co. (Manila, Sheathing, Tack & Tailors' Pattern)
NORTH LEOMINSTER — Wheelwright Geo. W. Paper Co. (Bristol Boards, White & Tinted Blanks, Coating & Book), Office: Boston, Mass.
NORTH WILBRAHAM—Collins Mfg. Co. (Writing)
OTTER RIVER—Otter River Board Co. (Binders & Trunk Boards)
PEPPERELL—Nashua River Paper Co. (Book, Lithograph, Coating & Writing)
PITTSFIELD—Eaton, Crane & Pike Co. (Bond & Writing, etc)
RUSSELL—Chapin & Gould Paper Co. (Bond Ledger & Writing), Office: Springfield, Mass.
Westfield River Paper Co.
SOUTH HADLEY—Japanese Tissue Mills (Fancy Colored Tissues, Waxed Paper, Crystals, Crepe Decorating Papers), Office: Holyoke, Mass.
SOUTH HADLEY FALLS—Carew Mfg. Co. (Ledgers, Bonds, Linens & Typewriter Papers)
Hampshire Paper Co. (Bond & Typewriter)
SOUTH LEE—American Writing Paper Co. (Writing), Office: Holyoke, Mass.
SPRINGFIELD—Chapin & Gould Paper Co. Mills: Russell, Mass.
TOWNSEND HARBOR—Spaulding J. & Sons Co. (Fibre Boards), Office: North Rochester, N. H.
TURNERS FALLS—Esleeck Mfg. Co. (Onion Skin, Manifolding Typewriter, Bond & Linens)
International Paper Co. (High Grade Cotton Waste, News; also Ground Wood), Office: New York
Keith Paper Co. (Writing, Bond, Ledger, Wedding Bristols & Specialties)
WALTHAM—Roberts John & Son Co. (Asbestos, Sheathing & Wrapping)
WEST DUDLEY—Burmus Paper Co. (Manila, Lining, Bogus & Specialties)
WESTFIELD—Crane Bros. (Linen Ledger, Linen Writing, Linenoid Goods)
WEST GROTON—Groton Leather Board Co. (Heeling & Counter Board), Office: Boston, Mass.
Hollingsworth & Vose Co. (Red Rope Roofing & Insulating, All & Part Rope Tag Pattern, Box Stay, Flour & Cement Sack & Specialties), Office: Boston, Mass.
WHEELWRIGHT—Wheelwright Geo. W. Paper Co. (Book Coating & Music), Office: Boston, Mass.
WHITMAN—Jenkins Geo. O. Co. (Leather Board)
WORONOCO—Strathmore Paper Co. (Bond, Ledger, Bristol, Wedding, Typewriter, Cover, etc.)

MICHIGAN.

ALPENA—*Fletcher Paper Co. (Fibre, Bag & Manila, also Sulphite Fibre, Ground Wood)
BATTLE CREEK—Michigan Carton Co. (Box, Combination & Coated Boards)
CAPAC—Capac Paper Co. (Sanitary Fibre Products, Box Boards, etc.)
CHILDSDALE — Childsdale Paper Co. (Straw, Chip, Colored & Pulp Boards)
CONSTANTINE—Constantine Board & Paper Co. (Express, Fibre, Ham & Box Board)
DETROIT—*Detroit Sulphite Pulp & Paper Co. (High Grade Envelope, Wrapping, Documents, Manila, Tag Board, Bristols, Cover & Specialties, also Sulphite Fibre), 2607 W. Jefferson
ESCANABA—*Escanaba Wood & Fibre Co.
GRAND RAPIDS—American Box Board Co. (High Grade Box & Corrugated Boards)
GROOS—*Escanaba Pulp & Paper Co.
JACKSON—Michigan Bag & Paper Co. (Bag Paper & "Ever-ready," Quick Opening Bags & Satchel Bottom & Square Bags)
KALAMAZOO—Bryant Paper Co. (Machine Finished & Super-Calendered Book, Map, Lithograph, Label, Music, Folder, Drawing, Rag & Wood Envelope, Tinted Laid Flats & Tub Engine-Sized Writings, French Folio & Specialties)
Hawthorne Paper Co. (Ledger, Bond & Writing)
Kalamazoo Paper Co. (Map, Writing, Envelope, Bond, Card & Coating, Book, Lithograph & Colored & Laid Flats)
Kalamazoo Vegetable Parchment Co. (Vegetable Parchment & Wax)
King Paper Co. (Book, Folder, Label, Lithograph, Map, Envelope & Writing)
Monarch Paper Co. (Machine Finished & Super-Calendered Book, Lithograph, Card, Coating, Folders & Tablet)
Rex Paper Co.
Riverview Coated Paper Co. (Coated Paper & Cardboard)
Standard Paper Co. (Card Middles & Box Boards)
Western Board & Paper Co.
MENOMINEE—Marinette & Menominee Paper Co. (See Marinette, Wis.)
MONROE—Boehme & Rauch Co. (Patent Coated & Combination Box Boards)
Monroe Binder Board Co. (Binders, Buggy & Backing Board)
Monroe Paper Co. (Straw, Rag, Wrapping & Lining Papers)
River Raisin Paper Co. (Folding Box Board, Shipping Cases, etc.)
MUNISING—*Munising Paper Co. (Bond, Fibre & Specialties, also Sulphite Pulp)
MUSKEGON—*Central Paper Co. (Fibre Manila, also Sulphite Fibre)
NILES—*French Paper Co. (Super-Calendered & Machine Finished Book)
*Niles Board & Paper Co. (Straw, Chip, Manila Lined & Colored Board, also Ground Wood)
OTSEGO—Bardeen Paper Co. (Book, Blotting, Cover, French Folio, Matrix, Map, Poster & Writing, Label, Ticket, Bible, Drug, Mimeograph, Parchment, Railroad Manila, Music, Paraffine, Coupon & Rag Papers, Felts, Ham, Express & Mill Wrappers)
Mac-Sim-Bar Paper Co. (Bristols, Sign Board, Saturating, Roofing & Deadening Felts, Card Middles, Document, Plain & Coated Box Boards, Plain & Duplex Bag, Tough Check, Rope & Fibre Papers, Cap, Wool, Building, Mill Wrappers, Corrugated Carpet Lining, Bottle Wrappers)
Wolverine Paper Co. (Waxed)
PALMYRA—Simplex Paper Co. (Sheathing & Mill Wrappers)
PLAINWELL—Michigan Paper Co. (Machine Finished Book, White & Colored French Folio, Catalogue, Pattern & Non-Fading Poster)

MICHIGAN—continued

PORT HURON—Port Huron Sulphite & Paper Co. (Sulphite Papers & Light Weight Specialties)
ROCHESTER—Barnes Paper Mills (Book, News, Tobacco & Wrapping)
ST. JOSEPH—Mullen Bros. Paper Co. (Building & Specialties)
THREE RIVERS—Eddy Paper Co. (Card Middles, Bristols, Bogus Bristols, Bag & Specialties)
VICKSBURG—Lee Paper Co. (Bond, Ledger, Envelope, Plated & Linen Loft-Dried Papers)
WATERVLIET—Watervliet Paper Co. Surface Coated Jute, Container, News & Combination Boards)
WHITE PIGEON—Eddy Paper Co.
YPSILANTI—Peninsular Paper Co. (Bond, Cover, Flats & Specialties)

MINNESOTA.

BRAINERD—Northwest Paper Co. (Ground Wood)
CLEARWATER—*Mukle Bros. Mfg. Co.
CLOQUET—*Northwest Paper Co. (News & Manila, also Ground Wood)
GRAND RAPIDS—*Itasca Paper Co. (News, also Ground Wood)
INTERNATIONAL FALLS—Minnesota & Ontario Paper Co. (Sulphite)
LITTLE FALLS—*Hennepin Paper Co. (News, Manila, also Ground Wood), Office: Minneapolis, Minn.
MINNEAPOLIS — *Hennepin Paper Co. (News, Manila & Ground Wood), Plymouth bldg. Mills: Little Falls, Minn.
Minnesota & Ontario Power Co. (News), Andrus bldg
Nelson B. F. Mfg. Co., (Bldg. Paper, Box Board & Roofing)
SARTELL—*Watab Pulp & Paper Co. (News, also Ground Wood)

MISSISSIPPI.

MOSS POINT—Southern Paper Co. ("Kreole," Kraft & Wrapping)

MISSOURI.

ST. LOUIS—Certain-teed Products Corp., Ford Mfg. Co., 3d & Biddle
St. Louis Tissue & Mfg. Co. (Toilet Paper, Paper Cans & Mailing Tubes), 3417 Chouteau av

NEW HAMPSHIRE.

BATH—Cushman & Rankin Co. (Fibre Leather Board)
BENNINGTON—Monadnock Paper Mills (Machine Finished & Super-Calendered Book, English Finish, Music, Lithographic, Envelope & Coating)
BERLIN—Brown Co. (Ground Wood, Bleached & Unbleached Sulphite Fibre), Office: Portland, Me.
International Paper Co. (News & Card Middles), Office: New York City
BRISTOL—*Mason-Perkins Paper Co. (News, Colored Poster & Box Lining, also Ground Wood)
CLAREMONT — Claremont Paper Co. (Drawing, Super-Coating, Book, Manila)
FRANKLIN—*International Paper Co. (News, No. 2 Book, Manila Specialties, also Ground Wood). Office: New York City
GROVETON—*Groveton Paper Co., Inc. (Fibre & Manila, also Sulphite Fibre)
HINSDALE—Ashuelot Paper Co. (Tissue, Yellow Copying & High Grade Tissues)
Fisk Paper Co. (White & Manila Tissue & Toilet Papers)
Robertson Bros. (White & Colored Tissue Manila in Rolls)
Robertson E. C. & Son (Aseptic Papers, Tissue Manila, White & Colored Tissue in Rolls & Large Sheets)
Robertson G. A. & Co. (Tissue Manila & Toilet, Rolls & Large Sheets)
MANCHESTER—Amoskeag Paper Mill Co. (Book Paper)
MILTON — Milton Leather Board Co. (Leather Board)
Spaulding J. & Sons Co. (Fibre)
See adv index at end of book
NORTH ROCHESTER—Spaulding J. & Sons Co. (Fibre Boards), Mills, Townsend Harbor, Mass.
See adv index at end of book
SUNAPEE—*Emerson Paper Co. (Book Paper, also Ground Wood)
WEST CLAREMONT—Coy Paper Co. (Tissue Manila)
Jarvis Paper Mills (Russell Jarvis, Prop.)
WEST HENNIKER—Contoocook Valley Paper Co. (Book, Card & Specialties in Strong Papers)
WEST HOPKINTON—Davis Paper Co.

NEW JERSEY.

BLOOMFIELD—Davey E. H. Co. (Trunk, Binders & Friction Boards, High Grade Tar Boards)
Diamond Mills Paper Co. (Copying, Carbon, Cigarette & Tissues). Office: New York City
BOGOTA—Bogota Paper & Board Co.
Continental Paper Co. (Box & Lithograph Boards, Card Middles & Coating Boards)
Federal Paper Board Co., Inc.
BOONTON—Field & White Co. (Roofing & Deadening Felts). Office: New York City
BUTLER—Pequannock Valley Paper Co. (Tissue Manila)
CAMDEN—*Mac Andrews & Forbes Co. (Box Board, etc.)
West Jersey Paper Mfg. Co. (Rope Manilas, All Grades)
CLIFTON—Clifton Paper Mills
ELIZABETH—Barrett Mfg. Co. (Roofing & Building)
GARFIELD—Hamersley Mfg. Co. (Waxed Papers & Tissues, Entire Product Consumed in Their Own Factory). Office: New York City
GLOUCESTER—Hinde & Dauch Paper Co. (Bogus, Felt, Chip & Indented Board). Office: Sandusky, O.
HAMBURG—Union Waxed & Parchment Paper Co. (Tissue & Waxed Papers)
HOBOKEN—Hoboken Paper Mill Co. (Lining, Manila, Building & Specialties)
JERSEY CITY—Boyle John F. Co. (News & Straw Boards), 500 Montgomery
Davey W. O. & Sons (Binders, Friction & Trunk Board), 169 Laidlaw av
Leo Jas. Co. (Chip & Combination Box Boards), 251 Varick
LAMBERTVILLE—Bergen Paper Co. (Dry Saturated Felts)
Gandy Wm. H. (Est. of), (Tissue Manilla & Copying)
Mann Wm. Co. (Railroad Copying & Manifold Papers). Office: Phila., Pa.
LITTLE FERRY—Bergen Paper Co. (Deadening Felt)
MILFORD—Warren Mfg. Co. (Sand & Music Paper, Rope Tag & High Grade Specialties Made from Manila Fibre)
MILLBURN—Diamond Mills Paper Co. (Cigarette, Pattern, Copying & Tissue). Office: New York City
Fandango Mills (Binders Boards)
MORRISTOWN—Muir James A. (Binders' Board)
NEWARK—Albey Bros. (Box, Trunk Binders' & Boards), 149 Meeker av
Newark Boxboard Co., Blanchard
Waverly Paper Box Board Co. (Box Boards), Weston av
NUTLEY—La Monte Geo. & Son (Safety Papers & Specialties, Bankers' Safety, Railroad Ticket, Writings & Animal-Sized Papers in Rolls, Quadrille)
White Springs Paper Co. (White Tissue)
PASSAIC—Paterson Parchment Paper Co.
RIEGELSVILLE—Bergen Paper Co. (Dry Saturated Felts)
Warren Mfg. Co. (Manila Jute & Rope, Rope Bristol in 15 Colors). Office: New York City
WANAQUE—Wanaque River Paper Co. (Super-Calendered & Machine Finished Book & Ribbon Paper). Office: New York City
WHIPPANY—McEwan Bros. (News & Folding Paper Box Boards)
United Paper Board Co. (Patent News Board & Chipped Board). Office: New York City

NEW YORK.

AMSTERDAM—Smeallie & Voorhees (Paper Board)
ANCRAM—Ancram Paper Mill (White, Colored, Manila & Anti-Rust Tissue & Specialties in Tissue). Office: New York City
AUSABLE FORKS—*Rogers J. & J. Co. (Bag, Envelope, Hardware & Manila, also Sulphite Fibre)
BALDWINSVILLE—Hoffman R. S. Co. (Tissue, Toilet & Waxed)
BALLSTON SPA—Ballston Fibre Products Co.
National Folding Box Co. (Manila, Board & Single & Double Lined Chip Box Board). Office: New Haven, Conn.
BATTENVILLE — Phoenix Paper Co. (White & Manila Tissue Sheets & Jumbo Rolls). Office: Greenwich, N. Y.
BEAVER FALLS—*Lewis J. P. Co. (Manila, Jute & Combination Boards, also Ground Wood)
*Lewis, Slocum & Lefevre Co. (Ground Wood)
BINGHAMTON—Bayless Pulp & Paper Co.
BLOSSVALE—Blossvale Paper Co. (White & Manila Tissue)
BROWNVILLE—*Brownville Board Co. (Tag Board, Document & Manila & Manila Folding Box Boards, also Ground Wood)
*Brownville Paper Co. (Railroad Manila, Colored Poster, Glazed Fibre & Colored Specialties, also Ground Wood)
*Harmon Paper Co. (Book, News, Manila & Colored Specialties, also Ground Wood)
CADYVILLE — International Paper Co. (Ground Wood)
CAMDEN—Burnham Asa C. (Cash Regis-
CANAAN—Heffermann Paper Co., Office: New York City
CARTHAGE—*Carthage Sulphite Pulp & Paper Co. (Sulphite Fibre)
*Carthage Tissue Paper Mills (Manila, White & Colored Tissue & Toilet Paper, Packages & Rolls)
*Champion Paper Co. (Manila, also Ground Wood)
*Island Paper Co. (Manila, Bag & Dry Fibre, also Ground Wood)
*West End Paper Co. (News)
CASTLETON—Ingalls & Co. (Binders Board)
CASTLETON-ON-HUDSON — Ft. Orange Paper Co. (Buckskin & Columbia Box Boards, Card Middles, Silk Wrappers, Jacquard Boards & Featherweight Textile Boards), Dept. H.
CHATEAUGAY—*Chateaugay Pulp Co. (Ground Wood)
*High Falls Pulp & Paper Co. (News, Hanging, also Ground Wood)
CLAYVILLE—Clayville Paper Mills Co. Tissue, Toilet)
COHOES—Gilbert Frank Paper Co.
Snyder W. W. Mfg. Co. (Straw Board)
CORINTH—International Paper Co. (News, Manilas, etc.)
ter Paper)
DE FERIET—*St. Regis Paper Co. (News, also Ground Wood & Sulphite Fibre). Office: Watertown, N. Y.
DEXTER—*Dexter Sulphite Pulp & Paper Co. (Fibre Wrapping & Bag Papers, also "Mitcherlich" Sulphite Fibre & Ground Wood)
Warren Parchment Co.
ELBRIDGE—Paddock Tube Paper Co. (Straw Boards)
FALLSBURG—Lefevre Edw. Y. (Cloth Lined Tissue, Crinkled & Light Weight Manila)
FAYETTEVILLE—Lawless Paper Co. (Manila & Tissue). Office: Rochester, N. Y.
McIntyre Bros. Paper Co., Inc. (Tissues)
FELTS MILLS—Lefebvre A. H. (Ground Wood)
FORESTPORT—*Pennington A. R. & Co. (Ground Wood)
FORT EDWARD—International Paper Co. (Sulphite Fibre), Office: New York City
FORT MILLER—*Fort Miller Pulp & Paper Co. (Hanging, also Ground Wood)
FULTON—*Arrowhead Mills, Inc. (Light Weight Manilas, News, White Lining, Kraft Paper, Ground Wood & Sulphite Pulp)
Eureka Paper Co. (Rope, Fibre, Express, Manila & Saturating & Specialties)
North End Paper Co. (White Tissue)
*Oswego Falls Pulp & Paper Co. (News, Hanging, Wood Pulp & Combination Board)
Victoria Paper Mills Co. (Manila, Tissue Paper, Toilet Paper in Rolls & Packages, Tissue Specialties, Paper Bags)
GLENS FALLS—Finch, Pruyn & Co. (Inc.), News & Half Tone, also Ground Wood)
International Paper Co. (News & Hanging, also Ground Wood). Office: New York City
GOUVERNEUR—*Aldrich Paper Co. (Wood Pulp). Office: Watertown, N. Y.
GREAT BEND—*Taggarts Paper Co. (Hanging & Tablet). Office: Watertown, N. Y.
GREENWICH—*Blandy Paper Co. (Tag, Manila & Special Papers for Glazed Paper & Cardboard). Office: Schuylerville, N. Y.
Continental Paper Bag Co. Office: New York City
Mohican Pulp & Paper Co
Phoenix Paper Co
HADLEY—*Union Bag & Paper Co. (Bag & Manila, also Ground Wood). Office: New York City
HARRISVILLE—*Diana Paper Co. (Tissue & Light Weight Colored, also Ground Wood)
HERKIMER—Herkimer Fibre Co. (Leather & Fibre Board). Office: Boston, Mass.
HINCKLEY—*Hinckley Fibre Co. (Sulphite Fibre)
HUDSON FALLS—Union Bag & Paper Co. (Wall, Manila, Express & Bag), Office: New York City
ITHACA—Brown Paper Co.
Empire Paper Co. (Tissue for Waxing)
LITTLE FALLS—Kingston Paper Co., Inc. (Roofing, Dry, Saturating & Deadening Felts, Building & Carpet Linings)
Mohawk Valley Paper Co.
LOCKPORT—Fibre Corporation (Indurated Ware & Ground Wood)
Lockport Paper Co. (Roofing Felt, Deadening, Sheathing & Heavy Wrapping)
Niagara Paper Mills (Covers & Fine Specialties)
United Paperboard Co. (Manila Coated & Combination Boards, Card Middles & Specialties), Offices: New York City
LYONSDALE—Ager C., Leonard J. (Straw & Shivy Fibre)

*Moyer & Pratt (Manila & Fibre, also Ground Wood)
LYONS FALLS—Gould Paper Co. (News, No. 2 Manila, also Sulphite Fibre & Ground Wood)
*Moyer & Pratt
McKEEVER—See Thomson, N. Y.
MALONE—*Malone Paper Co. (News, also Ground Wood)
MARCELLUS FALLS—Onondaga Paper Co. (Screening, Express, Fibre, Manila & White Tissue, Colored Specialties)
Marcellus Paper Co. (Express, Sreenings, Mill Wrappers & Hardware), Office: Syracuse, N. Y.
MECHANICSVILLE—*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label, also Bleached Soda & Sulphite Fibre), Office: New York City
MELLENVILLE—Hallett Bros. Co. (Box Board, Wrapper, Card Middles, Lined & Unlined Folding Box Board)
Van Buren J. M. & Co. (Wrapping)
MIDDLE FALLS—*Stevens & Thompson Paper Co. (Tissue & Manila Tissue, also Ground Wood)
MUMFORD—Mumford Paper Mills, Inc. (Manila Tissue & Toilet)
NAPANOCH—Hoornbeck's John C. Sons (Wood Flour)
Humphrey & Young (Light & Heavy Bogus, Wrapping & Butchers' Manila)
Ulster Tissue Mills, Inc.
NATURAL DAM—Aldrich Paper Co. (Sulphite Fibre)
NEWBURGH—Holden Paper Co. (Book)
Little Falls Paper Co. (Tissue & Tissue Manila)
NEWTON FALLS—*Newton Falls Paper Co. (Sulphite Fibre), Office: Watertown, N. Y.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Thompson & Norris Co. (Straw & Fibre Paper for Corrugating & Corrugated Paper & Bottle Packing), 212 Concord. Mills: Brookville, Ind.
Thompson & Norris Co. (Straw & Fibre Paper for Corrugating & Corrugated Paper & Bottle Packing), c Concord & Prince, Mills, Brookville, Ind.
Tidewater Paper Mills Co. (News), 32-33d
Warren Mfg. Co. (Rope Paper, Sand Paper, Music Paper, Rope, Tag & High Grade Specialties Made from Manila Fibre), 217 Morgan Ave.

Boroughs of Manhattan and Bronx.

NEW YORK—Acme Paper Co. (Fancy Paper), 52 Elizabeth
Ancram Paper Mills (White, Colored, Manila & Anti-Rust Tissue & Specialties in Tissue), 150 W 22nd. Mills; Ancram, N. Y.
Barrett Co. (Roofing Felt), 17 Battery pl. Mills: Peoria, Ill.
Blauvelt Wiley Paper Mfg. Co., 135 Charlton
Bulkley, Dunton & Co. (Card Middles, Book, etc.), 75 Duane
Continental Paper Bag Co. (Toilet Papers, High Grade White Colored & Manila Tissues, Lightweight Specialties), 18 E 40th
Diamond Match Co. (White Coated, Colored & Manila Lined Board), 111 B'way; Mills: Southford, Conn.
Diamond Mills Paper Co. (Copying, Carbon, Pattern, Cigarette Tissues, Typewriter & Silver Tissue), 44 Murray
Dragon Paper Mfg. Co. (Waxed), 102 Prince
Ewing H. Norwood Co. (Paper Towels & Toilet Paper), Woolworth bldg.
Field & White Co. (Roofing & Deadening Felts), 116 Nassau
Fort Orange Paper Co. (Buckskin & Columbia Box Boards, Card Middles, Silk Wrappers, Jacquard Boards), 200 5th av
*Great Northern Paper Co. (News & Manila Paper, Sulphite Fibre & Ground Wood), 30 E 42d. Mills: Madison, Me.
Hamersley Mfg. Co. (Waxed & Parchment Paper, etc), 232 Greenwich
Heffernan James P. Paper Co., 25 Water. Mills: Canaan, N. Y.
*International Paper Co. (News, Manilas, Fibre), 30 Broad
Johns-Manville Inc. (Asbestos Paper & Mill Board), Madison av & 41st
La Monte Geo. & Son (Safety Paper), 61 B'way, New York
Nuera Paper Co. Inc., 200 Fifth av
New York & Penna. Co. (Soda Fibre Dry in Rolls, Bond, White & Colored Machine Finished & Super-Calendered Book, Cover, Envelope Label, Railroad Manila & Writing, Bleached Sulphate, Bay Express, Fibre, Hardware, etc), 200 5th av
*Oxford Paper Co. (Machine Finish & Super-Calender Book, Lithograph, Varnished Label; also Soda & Sulphite Pulp), 200 5th av. Mills: Rumford Falls, Me.
Pejepscot Paper Co. (News, Cover & Wrapping), 111 B'way
Pynetree Paper Co. (Container Boards), 450 Pearl
Racich Asbestos Mfg. Co., 609 W 55th
Rainbow Paper Mills, 239 B'way
*Ticonderoga Pulp & Paper Co. (Book, Writing, Magazine & Coating; also Soda Fibre), 200 5th av. Mills: Ticonderoga, N. Y.
*Union Bag & Paper Corp. (Blank Wall Paper, Manila, Fibre, Express Bag), 233 Broadway
United Paperboard Co., 171 Madison av
Voith J. M. Co., Inc., 200 5th av
Walther & Co. (Surface Coated Paper), 72 Duane, New York
Wanaque River Paper Co. (Super-Calendered & Machine Finished Book), 290 B'way. Mills: Wanaque, N. J.
Warren Mfg. Co. (Manila, Jute & Rope, Rope Bristol in 15 Colors), 233 B'way. Mills: Reigelsville, N. J.
*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label; also Bleached Soda & Sulphite Fibre, Writing, Blank Book, Tablet), 200 5th av
Whitaker Paper Co., 77 Spring
York Haven Paper Co. (Colored Fibre, Express), 290 B'way. Mills: York Haven, Pa.

Borough of Queens.

RAVENSWOOD, L. I.—Ravenswood Paper Mill Co. (Straw & Plain Colored Chip Board, Lined or Unlined)

(End of New York City)

LYONS FALLS—Gould Paper Co. Mills: Port Leyden, N. Y.
NIAGARA FALLS—*Cliff Paper Co. (News, Rolls, Sheets, Hanging; also Ground Wood)
Defiance Paper Co.
*International Paper Co. (News & Manilas), Office: New York
Lockport Paper Co. (Building, Roofing, Wrapping & Deadening Felts), Office: Lockport, N. Y.
*Niagara River Mfg. Co. (Ground Wood)
*Pettebone-Cataract Paper Co. (Roll & Sheet News; also Ground Wood)
Ralston W. & Co., Inc.
NORTH HOOSICK—Stevens & Thompson (Inc.) (Specialties in Colors)
NORWOOD—Martin Pulp & Paper Co.
Remington Paper & Power Co. (News Print Paper)
ORANGEBURG—Fibre Conduit Co. (Conduits Made from Wood Pulp)
PALMER—*International Paper Co. (Sulphite Fibre & Ground Wood), Branch of New York
PENFIELD—Lawless Paper Co. (Waterproof Bogus), Office: Rochester, N. Y.
PENN YAN—Andrews John T. & Co. (Butchers' Manila, Bogus, Wrapping & Sheathing)
Fox W. H. & Sons (Straw Wrapping)
PHOENIX—Crescent Paper & Machine Co. (Tissue Manila)
Oswego River Paper Mills (Tissue for Toilet Papers, All Kinds of Packages & Roll Toilet Papers Our Specialty)
Phoenix Toilet & Paper Mfg. Co. (Manila Tissue & Toilet)
Sweet Bros. Paper Mfg. Co. (White, Colored & Manila Tissue)
Three Rivers Paper Co.
PIERCEFIELD—*International Paper Co. (Manila; also Ground Wood & Sulphite Fibre), Office: New York
PIERMONT—Piermont Paper Co. (Patent Coated Pulp Lined & Other Folding Box Boards & White Blanks)
PLATTSBURG—*Lake Champlain Pulp & Paper Co. (Bag, Hanging, News, Manila Tissue; also Ground Wood)
*Saranac Co. (Ground Wood)
Underwood Paper Mills, Inc.
PORT LEYDEN—Gould Paper Co. (Heavy Manila & Drab Express), Office: Lyon Falls, N. Y.
Johnston & Son
POTSDAM—Racquette River Paper Co. (Manilla & Fibre Wrapping, Envelope & Printed Manillas, Bag Papers, Colored Specialties, etc.)
Unity Paper Mills, Inc. (Book)
PYRITES—De Grasse Paper Co. (Sulphite Bag & Manila; also Ground Wood & Sulphite Fibre)
RAYMONDVILLE—Remington Paper & Power Co. (News Print Paper)
ROCHESTER—Eastman Kodak Co.
Flower City Tissue Mills Co. (White, Colored & Manila Tissue, All Grades of Fourdrinier White Tissues)
Lawless Paper Co. (Manila & Tissue, Waterproof)
Rochester Paper Products Co. (Cardboard Boxes, Lining Paper & Mailing Tubes)
ROCK CITY FALLS—Big Falls Paper Co. (Box Boards)
Brown E. M. Paper Co. (Card Middles, Coating, Manila & Duplex)
SAUGERTIES — Cantine, Martin Co., (Coated Lithograph, Plate & Enameled Book Papers)
Diamond Mills Paper Co. (Typewriter, Copying, Carbon, Silver Tissue & Cigarette). Office: New York City
SCHUYLERVILLE — *American Wood Board Co. (Tag Manila & Special Paper for Glazed Paper & Cardboard, also Ground Wood)
Blandy Paper Co. Mills: Greenwich, N. Y.
SKANEATELES—Skaneateles Paper Co. (Mill Wrappers & Machine Dried Boards)
SKANEATELES FALLS—Saxer Paper Mills (Office, Syracuse)
SOUTH EDWARDS—*Carthage Tissue Paper Mills (Ground Wood). Office: Carthage, N. Y.
STILLWATER—Pemble Wm. & Sons (Straw Board, Leather Board, Counter Board)
STOCKPORT—Van De Carr Paper Co. (Rag & Straw Wrapping & Common Bogus, No. 2 Straw, Cigarette & Carpet Lining)
SYRACUSE—Marcellus Paper Co. (Express, Screenings, Mill Wrappers & Hardware). Mills: Marcellus, N. Y.
Saxer Paper Mills
THOMSON—*Iroquois Pulp & Paper Co. (Hanging & News, also Ground Wood)
TICONDEROGA — *International Paper Co. (News, also Ground Wood). Office: New York City
*Ticonderoga Pulp & Paper Co. (Book, Magazine & Coating, also Soda Fibre). Office: New York City
TONAWANDA—Tonawanda Board & Paper Co. (Solid & Filled Jute Boards, Plain & White Pulp Lined Eureka Boards, Chipboards, Solid & Filled News Board, Solid & Filled Pulp Boards, Box & Barrel Layers, Combination Boards, Patent Coated Boards, Colored Boards, Trunk, Textile, Binders Cloth, Picture, Furniture & Buggy Back Boards Container Boards & Fibre Shipping Containers)
TROY—Albia Box & Paper Co. (Box Boards, Plain, Combination & Mill Sheet Lined)
Ingersoll Paper Co. (Manila Tissue)
Manning John A. Paper Co. (Boot & Shoe Counters, Insulating Press Boards & Paper, Rope Manila Paper for Sand Poper)
UTICA—Foster Box Board Co. (Box Boards)
Mutual Box Board Co. (Box Boards)
VALATIE—Richmond Robert P. (Wrapping Paper)
WALLOOMSAC—Walloomsac Paper Co. (Colored Wall Papers, Ingrains & Specialties)
WARRENSBURG—*Schroon River Pulp & Paper Co. (News & Hanging, also Ground Wood)
WATERFORD—Gilbert Frank Paper Co. (Colored Specialties, Coating, Cover, Interleaving Blotting, Book, Tablet & News)
WATERTOWN—*Aldrich Paper Co. (News, Manila & Hanging, also Ground Wood)
Diana Paper Co.
*International Paper Co. (News, Manilas, also Sulphite Fibre & Ground Wood), Branch of New York City
Knowlton Bros. (Covers, etc)
*Newton Falls Paper Co. (Sulphite Papers, Bag, Wrapping, Sack & Kraft, Sulphite Fibre). Mills: Newton Falls, N. Y.
Remington Paper & Power Co., Inc.
*St. Regis Paper Co. (News, Ground Wood & Sulphite Fibre). Mills: De Ferlet, N. Y.
Taggart Bros. Co. (Manila, Rope, Papers, Flour & Cement Sacks)
Taggart's Paper Co.
WILLSBORO—New York & Penna. Co. (Soda Fibre Dry in Rolls, also Paper)

NORTH CAROLINA.

CANTON—*Champion Fibre Co. (Soda & Sulphite Fibre). Office: Hamilton, O.
ROANOKE RAPIDS—Halifax Paper Corp. (Butchers' Manila & Kraft Fibre). Office: Richmond, Va.

OHIO.

AKRON—American Straw Board Co.
Phillips Thos. Co. (Rope, Cement, Flour, Feed & Lime Sack Papers, Sand & Sign Paper)
BALTIMORE—Fairfield Paper Co. (Chip, Jute & Combination Board, Rag & Jute Wrapping)
BARBERTON—Lignistra Fibre Products Co.
BOSTON—Cleveland-Akron Bag Co. (Rope, Flour, Sack, etc.)
CEDARVILLE—Hagar Straw Board & Paper Co. (Light Straw Board & Wrapping, Tube Egg Case & Corrugating). Office: Xenia, O.
CHAGRIN FALLS—Adams Bag Co. (Manila Rope for Flour & Cement Sacks), 1900 Euclid av. Office: Cleveland, O.

OHIO—continued

CHILLICOTHE—*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-Tone in White & Colors). Office: Dayton, O.

CINCINNATI—Carey Philip Mfg. Co. (Asbestos Paper & Mill Board, Roofing Felt), 330 Wayne av, Lockland
Chesapeake Corp.

CIRCLEVILLE—American Straw Board Co. Office: Chicago, Ill.

CLEVELAND—Adams Bag Co. (Manila Rope Paper for Flour & Cement Sacks), 1900 Euclid av
Cleveland-Akron Bag Co. (Rope, Flour Sack & Manilas)
Cleveland Waterproof Paper Co. (Waxed)
Ohio Box Board Co. (Box Boards, Including Patent Coated, Jute, Manila Lined News, etc.), 1390 E 30th. Mills: Rittman, O.

COSHOCTON—Coshocton Straw Paper Co. (Straw Paper for Corrugating & Straw Wrapping)

CRESENTVILLE—Fox Paper Co. (See Lockland)

CUYAHOGA FALLS—Walsh Paper Co. (Milton Starch, Macaroni, Tailors' Pattern & Colored Specialties)

DAYTON—Aetna Paper Co. (Bonds, Ledgers, Lining & Flats)
*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-tone in White & Colors). Mills: Chillicothe, O.
Peerless Paper Co. (Book)
Sterling Paper Co. (Writing & Envelope Paper)
Terre Haute Paper Co. (Corrugating, Tube & Egg Case Boards, Straw & Rag Wrapping). Mills: Terra Haute, Ind.

DELPHOS—Hinde & Dauch Paper Co. (Straw Wrapping & Light Straw Board). Office: Sandusky, O.

FRANKLIN—American Writing Paper Co. (Writing). Office: Holyoke, Mass.
Franklin Board & Paper Co. (Patent Coated, News, Manila, Lined Chip, Paper Stock, Jute, Pulp & Combination Board)
Patent Vulcanite Roofing Co.

HAMILTON—Beckett Paper Co. (Colored Covers & Specialties)
Champion Coated Paper Co. (Book, Manila & Cardboard)
*Champion Fibre Co. (Fibre Board & Soda & Sulphite)
Sterling Paper Co. (Writing & Envelope Paper). Office: Dayton, O.

JAITE—Jaite Co. (Rope Specialties, Cement, Flour & Charcoal Bag Papers)

LANCASTER—Lancaster Board & Paper Co.
Lancaster Leather Co. (Leather Boards)

LOCKLAND—Carey Philip Mfg. Co. (Asbestos Mill Board & Roofing Felt), 330 Wayne av
Fox Paper Co. (Wrapping, etc.)
Richardson Paper Co. (Roofing, Fly & Specialties in Felt, Box & Other Boards), Wyoming & Cooper avs

MASSILLON—Massillon Paper Co. (Straw Wrapping)
Munroe Falls Paper Co. (Carpet Lining, Express, Straw & Rag Wrapping, Building, Absorbent, Fly Paper, Fireworks Paper, Deadening Felt & Roofing)

MAUMEE—Carney Paper Co.

MIAMISBURG—Miamisburg Paper Co. (Book, News, Envelope, Butchers' & No. 2 Manila)
Ohio Paper Co. (Bottle Wrappers, Carpet Lining & Saturating Felt)

MIDDLETOWN—Crystal Paper Co. (White, Colored & Manila Tissue & Wax Paper)
Gardner-Harvey Paper Co. (Box Boards)
Oglesby W. B. Paper Co. (Writing, Bond Ledger, etc.)
Sorg Paul A. Paper Co. (Jute & Manila Rope Specialties, Tissues & White Wax)
Wardlow-Thomas Paper Co. (Rope & Jute Manila)
Wrenn Paper Co. (Blotting)

MUNROE FALLS—Munroe Falls Paper Co. (Carpet Lining, Express & Fireworks Paper, Deadening Felt & Roofing). Office: Massillon, O.

PIQUA—American Strawboard Co. (Straw, Combination & Pulp Lined Board, News & Chip Board), Office: Chicago, Ill.

RITTMAN—Ohio Box Board Co. (Box Boards All Grades, Including Patent Coated, Jute, Manila Lined, News Board), Office: Cleveland, O.

ROCKDALE—Sall Mountain Co. (Asbestos Paper & Boards)

SAINT MARYS—Auglaize Box Board Co. (Straw Board, Chip, News, Light Weight Corrugating Paper, etc.)

SANDUSKY—Hinde & Dauch Paper Co. (Test Container Board & Light Strawboard)

STEUBENVILLE—*Hartje Paper Mfg. Co. (Manila, News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Board, Specialties; No. 1 & No. 2 Waterproof Fibres, Butchers' Fibre, Butchers' Waterproof, Manila & Rosin-Sized Sheathing, also Ground Wood & Sulphite Fibre), Office: Pittsburgh, Pa.

TIPPECANOE CITY—American Straw Board Co. (Steam-Dried Straw Board, Extra Smooth, Match Box Board; Pulp Lined Board), Office: Chicago, Ill.

TOLEDO—Valve Bag Co. of America, 3440-3444 Summit av
See adv index at end of book

URBANA—Howard Paper Co. (Writing, Ledger & Specialty Bond)

WEST CARROLLTON—Miami Paper Co.
West Carrollton Parchment Co. (Vegetable Parchment & Waxed Papers)

XENIA—Hagar Straw Board & Paper Co. (Light Straw Board, Straw Wrapping Tube, Egg Case & Corrugated), Mills, Cedarville, O.

OREGON.

OREGON CITY—*Crown-Willamette Paper Co. (Manila, Flaxina, Express, Bag, Fruit, Paraffine & Wrapping, also Ground Wood & Sulphite Fibre), Office: San Francisco, Cal.
Hawley Pulp & Paper Co. (Manila Wrapping & News)

WARRENDALE—*Crown-Willamette Paper)
Office: San Francisco, Cal.

PENNSYLVANIA.

ATGLEN—Hults Ellsworth H., Jr. (Binders, Trunk, Box & Carriage Boards), Office: Phila., Pa.

AUSTIN—Bayless Mfg. Corp. (Pulp Paper)

BLOOMSBURG—Bloomsburg Paper Co.

BRIDGEPORT—Amboy Paper Co.
Diamond State Fibre Co. (Fibre Paper).

BUCK RUN—Nassau Mills Corp.

CHAMBERSBURG—United States Paper Mills.

CHESTER—Chester Paper Co. (Tissue)
Garrett E. (Fine Tissue, Manila, Colored)

CHESTERVILLE—See Landenburg, Pa.

COATESVILLE—Jessup & Moore Paper Co.

DOE RUN—Palmer Willis B. (Binders & Jacquard Boards)

DOWNINGTOWN—Guie Jas. & Sons (Mill (Wrappers)

EAST DOWNINGTOWN—Bicking S. Austin Mfg. Co. (Wrapping, Rosin-Sized Sheathing & Corrguated Wrapping)
Kerr Paper Mill Co. (Box, Binders & Tar Board)

EMIGSVILLE—National Roofing Co. (Roofing)

ERIE—*Hammermill Paper Co. (Bond Paper)
Watson H. F. Co. (Paper, Asbestos, etc.)

GLEN MILLS—Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre & All Rag Specialties). Office: Phila., Pa.

HUNTINGTON MILLS—Mountain Paper Co. (See Wilkes-Barre)

JOHNSONBURG—*Highland Paper Co. (Dry Soda Fibre)
*New York & Pennsylvania Co. (Bond, White & Colored, Machine Finished & Super-Calendered Book, Cover, Envelope, Label, Lithograph, Railroad Manila & Writing, also Bleached Sulphite), Office: New York City

LANDENBERG—Lysle Wilson (Est. of) (Fibre Paper)

LANSDOWNE—Garrett Edwin T. Co. (Tissue, Manila & Railroad Copying)

LATROBE—Barrett Co. (Roofing & Sheathing)

LIGHTSTREET—Bloomsburg Paper Co. (Waterproof, Blasting & Cartridge Paper)

LITITZ—Consumers' Box Board & Paper Co. (Tissues, Sheets & Rolls)

LOCK HAVEN—*New York & Pennsylvania Co. (Bag, Express, Fibre, Hardware, Press Board, Writing Book, Parchment, Cover, Manila, Coating & Specialties, also Soda Fibre), Office: New York City

MODENA—Megargee Paper Mills (All Rag Waterleaf for Parchmentizing & Vulcanizing)

MONONGAHELA—Union Paper Mill Co.

NEW CASTLE—New Castle Paper Mills

NEW HOPE—Union Mills Paper Mfg. Co. (Building & Manila Rope for Insulating)

NORRISTOWN—Norristown Magnesia & Asbestos Co. (Asbestos, Wool Felt & Sheathing)

NORTH WATER GAP—*Analomink Paper Co. (Manila, Fibre & Colored Specialties, also Ground Wood & Sulphite Fibre)

PENNSBURG—Perkiomen Paper Co. (Binders, Trunk & Box Boards)

PHILADELPHIA—Baeder, Adamson & Co. (Manila for Own Use in Making Sand Paper), Richmond & Allegheny.
Bicking Paper Co. (Mill Wrappers & Box Boards), 111 N 2nd
Cherry River Paper Co. (Manila, White & Colored Specialties; also Sulphite Pulp), Penna. bldg. Mills: Richwood, W. Va.
*Dill & Collins Co. (Book & Surface Coated, High Grade Machine Finish, Super-Calendered Book & Surface Coated Papers for Printing from Half-Tone Engravings, Color Plates, Aluminum & Lithographic Stone), 140 N 6th
Garrett C. S. & Son Co. (Hanging, Card Middles & Fibre, Machine Finished Book), 20 S Marshall
Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre and All Rag Specialties), Stephen Girard bldg. Mills, Glen Mills, Pa.
Jessup & Moore Paper Co. (Book Paper & Soda Fibre), Commercial Trust bldg
Lang John Paper Co. (Roofing, Saturating & Deadening Felts), 24th & Vine
McDowell Paper Mills (Colored & Hercules Fibre, Drug, Book, Bag, Manifold, Heavy & Light Weight Colored Specialties of All Kinds), Main & Levering
Mann Wm. Co. (Railroad Copying & Manifold Papers), 529 Market. Mills, Lambertville, N. J.
Marley Mill Corp., 122 S 13th
Moorhouse R. T. Paper Co. (White & Colored Machine Finished & Super-Calendered Book Colored Cover, Manila Poster, News, Wrapping & Colored Specialties), 2655H Bridge, Bridesburg
*National Metal Edge Box Co. (Jute Folding Box Boards; also Ground Wood), 1217 Callowhill. Mills: Readsboro, Vt.
Parsons Pulp & Lumber Co., Finance bldg. Mills: Parsons, W. Va.
Philadelphia Paper Mfg. Co. (Box Boards), River Road
York Haven Paper Co., Land Title bldg. Mills: York Haven, Pa.

PITTSBURGH—*Hartje Paper Mfg. Co. (Manila News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Boards, Waterproof Fibres, Butchers, Waterproof Manila & Rosin Sized Sheathing; also Ground Wood & Sulphite Fibre), Columbia Bank bldg. Mills: Steubenville, O.
Paper Goods Mfg. Co. (Gummed, Waxed Coated & Toilet Paper & Towels), 925 Pennsylvania av
Tarentum Paper Mills (Rope & Express Wrapping), 2d National Bank bldg. Mills, Tarentum, Pa.

PITTSTON—Lehigh Paper Mills, Inc.

READING—Reading Paper Mills (Book, Plate, Manila & Rope; Plate & Coated Papers, also Rope Papers for Paper Purposes)

ROARING SPRING—*Bare D. M. Paper Co. (Super-Calendered & Machine Finished Book, Lithograph, White Flats & Mimeograph; also Soda Fibre)

SCRANTON—Cherry River Paper Co.

SPRING GROVE—*Glatfelter P. H. Co. (Machine Finished & Super-Calendered Book & Writing, Label, Bond & Blank Book Papers, Varnish Label Papers, Music, Writing & Blank Book Papers a Specialty; also Soda Fibre)

TARENTUM—Tarentum Paper Mills (Rope & Express Wrapping). Office: Pittsburgh, Pa.

TYRONE—*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, White Writing, Blank Book Tablet, also Soda Fibre), Office: New York City

UPPER DARBY—Keystone Paper Mills Co.

WILKES-BARRE—Mountain Paper Co. Mills: Huntington Mills, Pa.

WILLIAMSBURG—*West Virginia Pulp & Paper Co. (Writing, Book & Specialties, also Soda Fibre), Office: New York City

YORK—Schmidt & Ault Paper Co. (Manila, Sheathing, Carpet Lining & Bogus)
Springets Mills
York Paper Mfg. Co.

YORK HAVEN—*York Haven Paper Co. (Colored Fibre, Light & Dark Express, Waterproof Building, Roofing & Insulating & "X Loid" Prepared Roofing Paper, also Ground Wood & Sulphite Fibre). Office: Phila.

RHODE ISLAND.

PAWTUCKET—National Coated Paper Corp. (Surface Coated Paper, Cardboard, Glazed Paper, etc)

PHILLIPSDALE—Phillipsdale Paper Mill Co. (Roofing Paper)

SOUTH CAROLINA.

HARTSVILLE—*Carolina Fibre Co. (Colored Wrapping & Water Finish Fibre, also Ground Wood & Sulphite Fibre)

TENNESSEE.

MEMPHIS—Tennessee Fibre Co. (Cotton Hull Fibre, Dry)

TEXAS.

DALLAS—Fleming John G. & Son (Butchers' Manila & Straw, No. 2 Manila, Rag Wrapping, Roofing & Sheathing)

ORANGE—*Yellow Pine Paper Mill Co. (Fibre Hardware, Express, Colored & Bag, also Soda Fibre)

VERMONT.

BELLOWS FALLS—Blake & Higgins (Manila)
*International Paper Co. (News, Manila, Card Boards, Card Middles & Specialties, also Wood & Sulphite Fibre), Office: New York
Moore & Thompson Paper Co. (Manila Wrapping, Railroad Manila, Coating, Envelope & Wax)
Robertson Paper Co. (Envelope Manila, Railroad & Telegraph Writing, Parchment Writing & Waxed Manilas & Tissues, All Grades, Weights & Colors in Waxed Papers, Biscuit, Bakers' & Packers' Papers a Specialty)
BENNINGTON—Bennington Wax Paper Co. (Waxed Paper)
BRATTLEBORO—Vinton Wm. H. & Son (Blotting & Matrix)
EAST RYEGATE—*Ryegate Paper Co (News, also Ground Wood)
FITZDALE—Fitzdale Paper Co. (Newspaper, etc.)
MILTON — *International Paper Co. (Ground Wood)
NEWPORT—*Clyde River Pulp Co.
NORTH BENNINGTON—Stark Paper Co. (Hanging)
PASSUMPSIC—Passumpsic Fibre Leather Co. Leather (Heeling Board)
PUTNEY—Cole Wm. A. Paper Co. (Manila Tissue & "Eagle Mills" Brand of Tissue Toilet)
Robertson's Wm. Sons (White & Colored Tissues, Cotton Batting Paper, Napkin Paper, Fruit & Bottle Wrappers)
READSBORO—*National Metal Edge Box Co. (Jute Folding Box Boards, also Ground Wood), Office, Phila., Pa.
SHELDON SPRINGS—*Missisquoi Pulp & Paper Co. (Ground Wood)
WELLS RIVER—Adams Paper Co. (Manila Tissue, Anti-Tarnish Tissue & Toilet)
WILDER—*International Paper Co. (High Grade News, also Ground Wood), Office: New York City
WILMINGTON — *Deerfield Pulp Co. (Ground Wood)

VIRGINIA.

BIG ISLAND—*Bedford Pulp & Paper Co. (Manila, News, Hanging, Drawing & Poster, also Ground Wood), Office: Richmond, Va.
BRISTOL—Columbian Paper Co. (Soda Fibre)
BUENA VISTA—*Columbian Paper Co. (Card for Coating & Lithographing & Flat Writing, also Soda Fibre)
COLEMANS FALLS—Bedford Pulp & Paper Co. (Ground Wood), Office: Richmond, Va.
COVINGTON—*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, also Bleached Sulphite Fibre), Office: New York
RICHMOND—Albemarle Paper Mfg. Co. (Blotting Paper Only)
Bedford Pulp & Paper Co. (Ground Wood)
Manchester Board & Paper Co. (Box Board & Mill Wrappers)
Richmond Paper Co. (Blotting, "Climax," "Star" & Enameled Blotting)
Standard Paper Mfg. Co. (Blotting Paper Only)
See adv index at end of book
WEST POINT—Chesapeake Corp.
WINCHESTER—American Straw Board Co.

WASHINGTON.

CAMAS—Crown Willamette Paper Co.
EVERETT—*Everett Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Varnish Label, Chemical, Railroad Writing, Bond & Cartridge, also Soda Fibre), Office: Lowell, Wash.

WEST VIRGINIA.

DAVIS—*West Virginia Pulp & Paper Co. (Bleached Sulphite Fibre), Office: New York City
HALLTOWN—Halltown Paper Board Co. (Chip Boards, Milled, Lined & Plain)
HARPERS FERRY—*Harpers Ferry Paper Co. (Ground Wood)
*Shenandoah Pulp Co. (Ground Wood)
PARSONS—*Parsons Pulp & Lumber Co. (Tag Stock, Silk Wrappers & Specialties, Bleached & Unbleached Sulphites), Office: Phila., Pa.
PIEDMONT—*West Virginia Pulp & Paper Co. (Ground Wood), Office: New York City
RICHWOOD—Cherry River Paper Co. (Manila, White & Colored Fibres & Specialties, also Sulphite), Office: Phila., Pa.
WELLSBURG George S Co. (Paper & Cement, Flour & Lime Bags)
George & Sherrard Paper Co.
Harvey Paper Co., Rope, Jute & Bogus)

WISCONSIN.

APPLETON—Appleton Coated Paper Co.
Boyd C. Paper Co.
Fox River Paper oC. (Book, Bond, Linens, Lithograph, Typewriter, Superfine & Fine Writing & Engine-Sized Flats, No. 2 Ledger, Map, Drawing, Folded & Rule)
*Interlake Pulp & Paper Co. ("Mitscherlich" Process Sulphite Fibre & Ground Wood)
Kimberly-Clark Co. (Super-Calendered Book Manila & Fibre, Envelope, Writing & Railroad Manila), Office: Neenah, Wis.
*Patten Paper Co., Ltd. (Book & News, also Ground Wod)
Pulp Wood Co.
Riverside Fibre & Paper Co. (Bonds & Ledger, also Bleached & Unbleached Sulphite Fibre)
Thilmany Pulp & Paper Co., Wisconsin Tissue Div. (Light Weight)
ASHLAND—Ashland Paper Co. (Papers)
*Menasha Paper Co. (Sulphite Fibre), Office: Ladysmith, Wis.
BELOIT—Beloit Box Board Co. (Roofing, Building, Box & Straw Board)
BROKAW—*Wausau Poper Molls Co. (All Grades of Fibre & Manila, also Ground Wood & Sulphite Fibre)
COMBINED LOCKS—*Combined Locks Paper Co. (News, also Ground Wood & Sulphite Fibre)
CORNELL—Cornell Wood Products Co. (Wall Boards, etc.)
CRIVITZ—*Crivitig Pulp & Paper Co. (Ground Wood)
DE PERE—American Writing Paper Co. (Writing, Loft-Dried & Machine-Dried Bonds, Linens & Ledgers), Office: Holyoke, Mass.
EAU CLAIRE—*Dells Paper & Pulp Co. (Manila, Fibre, Novel & News, also Ground Wood & Sulphite Fibre)
GRAND RAPIDS—*Centralia Pulp & Water Paper Co. (News, also Ground Wood)
*Consolidated Water Power & Paper Co. (Lining, Novel, Special Print, Hanging, Book, Railroad Writing & Specialties, also Ground Wood & Sulphite Fibre)
GREEN BAY—*Green Bay Paper & Fibre Co. (Sulphite Fibre)
Hoberg John Co. (White, Manila & Colored Tissue, Paper Napkins, Fruit Wrappers, Roll & Package Toilet Paper, Cotton Batting, Excelsior Tissue Pads & Printed Tissues & White Sulphite Fibre Papers)
Northern Paper Mills (Toilet Tissue & Catalogue, Light Weight Book, Sanitary Automobile Toilet Service, "Northern" & "Pedro" Toilet Papers)
KAUKAUNA—*Kaukauna Pulp Co.
*Lindauer Pulp Co. (Ground Wood)
*Outagamie Paper Co. (No. 1 Rag Print, also Ground Wood)
*Thilmany Pulp & Paper Co. (Tissue, Poster, Catalogue, Pattern, Cover & Wrapping, also Ground Wood)
*Union Bag & Paper Corp. (Manila & Bag Paper, also Ground Wood), Office: New York City.
KIMBERLY—*Kimberly-Clark Co. (Book & Wrapping, also Sulphite Fibre), Office: Neenah, Wis.
LADYSMITH—*Menasha Paper Co. (News, Manila & Catalogues, also Ground Wood)
LITTLE RAPIDS — *Lindauer-O'Connell Co.
MARINETTE—*Marinette & Menominee Paper Co. (News & Minala, also Ground Wood & Sulphite Fibre)
MENASHA—Gilbert Paper Co. (Bond, Ledger & High Grade Writing)
*Island Paper Co. (White & Colored Fibre, also Sulphite Fibre)
Lakeside Paper Co. (High Grade Lightweight Specialties)
Menasha Printing Co. (Paper Mill)
Strange John Paper Co.
Whiting Geo. A. Paper Co. (Book, Colored Laid Writing, Telegraph & Parchment, Manila & Brench Folios, Antique Laid & Egg Shell)
MERRILL—*Grandfather Falls Co. (News, Hanging, Tablet & Novel, also Ground Wood)
MILWAUKEE—Hummel & Downing Co. (Combination Boards), N Cambridge av
John H. W.-Manville Co. (Asbestos & Building Felts)
MOSINEE—Wausau Sulphate Fibre Co. (Sulphite Fibre)
NEENAH—Bergstrom Paper Co. (Super-Calendered & Machine Finished Book & Cover)
Kimberly-Clark Co. (Colored Fibres, Book, Railroad Manilas & Book)
Lakeside Paper Co.
Neenah Paper Co. (Lofe Dried Bonds & Ledgers)
Wisconsin Pulp Wood Co.
Wisconsin River Paper & Pulp Co.
NEKOOSA—Nekoosa-Edwards Paper Co.
NIAGARA—*Kimberly-Clark Co. (News & Manila, also Ground Wood & Sulphite Fibre), Office: Neenah, Wis.
OCONTO FALLS—*Falls Mfg. Co. (Manila & Fibre, also Ground Wood & Sulphite Fibre)
PARK FALLS—*Flambeau Paper Co. (Hanging, No. 1 News & Novel, also Ground Wood)
PORT EDWARDS — Nekoosa-Edwards Paper Co. (News, Manila & Fibre; also Ground Wood & Sulphite Fibre)
RHINELANDER—*Rhinelander Paper Co. (News, also Ground Wood & Sulphite Fibre)
ROTHSCHILD—Marathon Paper Mills Co. (Fibre Wrapping, Tag, Manila, Bristols, Bonds, Machine Glazed Paper, also Specialties, Ground Wood, Sulphite & Bleached Sulphite Pulp)
SHAWANO—*Wolf River Paper & Fiber Co. (Fibre & Minila Wrapping, also Ground Wood & Sulphite Fibre)
STEVENS POINT—Whiting-Plover Paper Co. (Fine Writing Papers, etc.)
*Wisconsin River Paper & Pulp Co. (News & Hanging, also Ground Wood), Office: Neenah, Wis.
STILES—Edred Anson Co. (Ground Wood)
TOMAHAWK—*Tomahawk Pulp & Paper Co. (Roll News, also Ground Wood)

10739— Papier Mache Mfrs.

AMEC ART PAPER MACHE WKS., 6311 N Clark, Chicago, Ill.
Amer. Art Paper Mache. Wks., 6311 N Clark, Chicago, Ill.
Berger H. Sons, 346 E 34th, New York
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
De Planque F. R. & Son, 1349 Ridge av, Phila., Pa.
Dini Geo. L., 483 Baltic, Brooklyn, N. Y.
Emmel Chas. & Rose Co. (Architectural), 383 Albany, Boston, Mass.
Emmel Co. (Architectural), 81 Bristol, Mass.
Klee-Thomson Co., 327 E. 40th, New York
Old King Cole Papier Mache Co., Canton, Ohio
Plastic Relief Mfg. Co., 1959 Fulton, Chicago Ill.
Pride, Willis A., 43 Bristiol, Boston, Mass.
Tognarelli & Voigt, 1743 N 12fh, Phila., Pa.
Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.
Voigt Co., 1743-1749 N 12th, Phila., Pa.

10739a— Para-amidophenol

Chemical Co. of America, Inc., 28 Platt, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York.
Rector Chemical Co., Inc., 2 Rector, New York.
Seydel Mfg. Co., 88 Forrest, Jersey City,

10739a-1—*Para-Aminophenol (Base)

Du Pont E. I. de Nemours & Co. Inc. (Dyestuff Sales Dept.), Wilmington, Del.
See adv index at end of book

10739b— Paradichlorbenzol

Dow Chemical Co., Midland, Mich.
Hooker Electro Chemical, 40 Wall, New York
Niagara Alkali Co., Niagara Falls, N. Y.

10739c— Paraform

Roessler & Hasslecher Chemical Co., 709 6th Av., New York

10739d— Paraformaldehyde

Gray Wm. S. & Co., 80 Maiden Lane, New York
Greeff R. W. & Co., 80 Maiden Lane, New York
Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Hayden Chemical Works, Garfield, N. J.

10739e— Paraldehyde

Merck & Co., 45 Park pl, New York
Shawinigan Products Corp. (Commercial), 110 William, New York
See adv index at end of book

10740— Parallels (Planer)

Herlth O. B. Mfg. Co. Inc. ("Hereth" Adjustable), 32 Union pl, Hartford, Conn.
See adv index at end of book
STARRETT L. S. CO. (THE), (Adjustable, Athei, Mass.
See adv index at end of book
Walker O. S. Co., Worcester, Mass.

10741— Paranitraniline

BUTTERWORTH-JUDSON CORP., 61 Broadway, New York
See adv index at end of book
Chemical Co. of America (Mfrs.), 28 Platt, New York
Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Div., Wilmington, Del.
See adv index at end of book
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Montcalm Chemical Works, 220 No Il-Illinois,, Indianapolis, Ind.

PARANITRANILINE—continued
National Aniline & Chemical Co., Inc., (Mfrs.), 21 Burling Slip, New York
Sherwin-Williams Co., 610 Canal rd, N W, Cleveland, O.
T. M. & G. Chemical Co., Belleville, N. J.
White John J., Inc., New Brunswick, N. J.
Williamsburg Chemical Co., 230 Morgan av., Brooklyn, N. Y.

10741a-1— *Para-Nitrochlorobenzene

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

10741a— Para-Nitrophenol

Rector Chemical Co., Inc., 2 Rector, New York.
Verona Chemical Co. Verona av, Newark, N. J.

10741b-1—*Para-Nitrotoluene

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

10741b—Paraphenelendiamine

Chemical Co. of America (Mfrs.) 28 Platt, New York.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

10741c-1—*Para-Toluidene

DU PONT E. I. DE NEMOURS & CO. INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*

10741c— *Parcel Carriers

Estes, E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10742—Parers (Fruit & Vegetable)

See also Apple Paring Machine

American Machinery Co. ("American," Vegetable), 330 N 12th, Phila., Pa.
Berk Bros., 543 B'way, New York
Boutell Mfg. Co., Rochester N. Y.
Brown W. G. Mfg. Co., Kingston, N. Y.
Central Stamping Co. (Apple), 172 Fulton, New York
Getz M. & Co., 162 First, San Francisco, Cal.
Goodell Co. ("Bonanza," "Dandy," "Ranger," "Eureka," "Power," "New Century," "White Mountain," "98 Turntable," "Lightning," "Bay State"), Antrim, N. H.
Hamblin & Russell Mfg. Co. ("O. K.," "Quick," "Universal" for Apples, Potatoes, etc.), Worcester, Mass.
Hudson Parer Co. ("Little Star," "Rocking," "Daisy"), Leominster, Mass.
Kelso & Co. (Apple, etc.), 559 W Quincy, Chicago, Ill.
Parker Wire Goods Co. (Hand, Apple, Potato, etc.), Worcester, Mass.
Penn Hardware Co. ("Pen-Perfect" Apple), Reading, Pa.
Premier Machinery Co., Oakland, Cal.
Reading Hardware Co. ("Apple"), Reading, Pa.
Reinbold Mfg. Co., 139 Beaubien, Detroit, Mich.
Sayre L. A. Co. (Apple & Peach Rotary Knife), 332 Mulberry, Newark, N. J.
Sinclair-Scott Co. (Fruit), Wells & Patapsco, Baltimore, Md.
Streeter & Co., N. R., 220 N Water, Rochester, N. Y.
White Ira F. & Son Co. ("California," Potato, etc., with Eye Extractor), Bloomfield, N. J.

10743— Parers (Hoof)

Brooklyn Tool Co., Brooklyn, Ind.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion," "Our Pride" Ball Bearing), Meadville, Pa.
Heller Bros. Co. ("Easy Cutting," etc.), 879 Mt. Prospect av, Newark, N. J.
Jones Eli & Sons ("Jones"), Luverne, Minn.
Leavitt Mfg. Co. ("Samson"), Urbana, Ill.
Lowe Mfg. Co. ("Wagner & Lowe"), Enderlin, N. D.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Paris Black

See Carbon Black Mfrs.

10744— Paris Green

Barry E. J. (Jobbers), 29 Cliff, New York
Bristol-Myers Co., 281 Greene av, Brooklyn, N. Y.
Corona Chemical Co., 213 Lake, Milwaukee, Wis.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dodge H. B. & Co., 332 S Michigan av. Chicago, Ill.

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Glidden Co., Madison av & Berea rd, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Lavanburg Fred L., 100 William, New York
Leggett & Bros., 301 Pearl, New York
Pfeiffer Color Co., 100 William, New York

Paris White

See Whiting & Paris White Mfrs.

Park Furniture

See Settees, Various Kinds; also Fountains, Vases, Etc, also Rustic Work; also Swings, Lawn

10744a—*Parker Floor Varnish

See also Floor Finish

Parker C. H. Co., Valparaiso, Ind.
See adv index at end of book

Partitions (Flexible)

See Partitions, Wood Rolling

10744b—*Partitions (Folding)

WILSON J. G. CORP. (Wood for Churches, School, "Flexifold" & "Sectionfold"), 8 W 40th, New York
See adv index at end of book

10745— *Partitions (Reinforcing Materials for)

Concrete Steel Co., 42 B'way, New York
KINNEAR MFG. CO., 716-766 Field av, Columbus, O. *See adv index at end of book*

10746— Partitions (Steel)

Art Metal Construction Co. (Cage), Jamestown, N. Y.
Cyclone Fence Co., Waukegon, Ill.
Dahlstrom Metallic Door Co. (Hollow Metal "Dahlstrom" Quality, Artistically Finished, Sanitary & Fireproof), 413 Buffalo, Jamestown, N. Y.
Detroit Steel Products Co., 2250 E Grand blvd, Detroit, Mich.
Dexter Metal Mfg. Co. (Tool Room), 93 Arch, Camden, N. J.
Fiat Metal Mfg. Co., 223 W Huron, Chicago, Ill.
Hart & Hutchinson Co., Corbin av, New Britain, Conn.
Hauserman E. F. Co., Fenestra bldg, Cleveland, O.
Hughes-Keenen Co. (Pressed Steel Toilet Partitions), Mansfield, O.
Lightwell Steel Co., Wilmington, Del.
Lupton's David Sons Co., Allegheny Av. and Tulip, Phila., Pa.
Lyon Metallic Mfg. Co. ("Lyon" Sectional Enclosure), Aurora, Ill.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mills Co. (The), ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book

MILLS METAL
FACTREQUIPMENT
SHELVING, BINS, TABLES
FACTORY and TOILET PARTITIONS
STEEL SASH
Glazed and erected complete
THE MILLS CO.
5320 St. Clair Ave., Cleveland, O.

Sanymetal Products Co., 978H E 64th, Cleveland, O.
Solar Metal Products (Inc.), Columbus, O.
Steelite Co., 1902 W 77th, Cleveland, O.
Tyler W. S. Co. (Also Wire), Cleveland, O.
See adv index at end of book
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Weis Henry Cornice Co., Kansas City, Mo.
Wilson J. G. Corp. (Rolling, also Wood & Metal), 8 W 40th, New York
See adv index at end of book
Zahner Metal Sash & Door Co. (Hollow Steel Adjustable), Canton, O.

10747—Partitions (Steel Rolling)

Dodge H. B. & Co., 332 S Michigan av, Chicago, Ill.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O. *See adv index at end of book*
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Variety Mfg. Co., 2958 Carroll Av., Chicago, Ill.
WILSON J. G. CORP., 8 W 40th, New York
See adv index at end of book

10748—Partitions (Stock Room)

Cyclone Fence Co., Waukegan, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co. (Wire), 270 Union av, Brooklyn, N. Y.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book
Shawmut Iron & Wire Works, Everett, Mass.
Steelite Co., 1902 W 77th, Cleveland, O.

10748a— *Partitions (Toilet)

HART & HUTCHINSON CO. ("H & H" Steel), Corbin av, New Britain, Conn.
VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill.
See adv index at end of book
Wis. Iron & Wire Wks., 1660H Booth, Milwaukee, Wis.

10748b—*Partitions (Tool Room)

Barnes Wire Fence Co., 1930 Ferry Pk. av, Detroit, Mich.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Estey Bros. Co. (Wire), 270 Union av, Brooklyn, N. Y.

10748c— Partitions (Wire)

Acme Fancy Wire Wks., Dept. H, Canfield & Morgan, Detroit, Mich.
Barnes Wire Fence Co., 1930 Ferry Pk. av, Detroit, Mich.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

10749—Partitions (Wood Rolling)

American Sash & Door Co., Kansas City, Mo.
Curtis Bros. & Co., Clinton, Ia.
Grant Pulley & Hardware Co. (Horizontal), 101 Park av, New York
Huttig Sash & Door Co., 1206 S Vandeventer av, St. Louis, Mo.
Kinnear Mfg. Co., 716-766 Field av, Columbus, O. *See adv index at end of book*
Monroe Screen Blind & Partition Co. ("Monroe" Improved), Lima, O.
Union Blind & Ladder Co., Oakland, Cal.
WILSON J. G. CORP. (Motor & Wood), 8 W 40th, New York
See adv index at end of book

10750—Parts (Adding Machine)

Nichols W. H., Waltham, Mass.

10751— Paste

See also Soldering Paste, Salts & Sticks

American Hominy Co. (Flour), Indianapolis, Ind.
American Printers' Roller Co., 314 W Grand av, Chicago, Ill.
Arabol Mfg. Co. ("Tinnol" Bottlers, Canners, etc), 100 William, New York
Atlas Supply Co., 108 Ring, Phila., Pa.
Bankers' Ink Co. (Library), Kansas City, Mo.
Behrend F., 170 Front, New York
Bloede Victor G. Co. (Paper Box), Caton av, Baltimore, Md.
Boettiger & Co. (Plumbers), Erie, Pa.
Boston Paste Co. ("Noah's" Machine Paste), 81 Traverse, Boston, Mass.
Buckeye Paste Co. (Carriage Trimmers), 270 S Wall, Columbus, O.
Carter's Ink Co. (Office), E Cambridge, Boston, Mass.
Chapman & Smith Co. (Almond), 1017 Washington blvd, Chicago, Ill.
Clark Paper Mfg. Co. ("Tixet" Powdered, Liquid, etc.), Dept. H, Rochester, N. Y.
Climax Cleaner Mfg. Co., 2080 W 110th, Cleveland, O.
Commercial Paste Co., 504 Buttles, Hoster & High, Columbus, Ohio
Continental Mfg. Co. ("Willstick," Photographers "Continental" Brewers), 4611 Girard, Phila., Pa.
Crystal Springs Paste Co. (Flour, for Paper Hangers, Bookbinders, Shoe & Box Mfrs., etc.), 70 Kilby, Boston, Mass.
Davis Thaddeus Ink Co. (Office), 97 Vandam, New York
Davis Wm. A. Co. ("U. S. Treasury" Library), 40 Batterymarch, Boston, Mass.
Devoe & Raynolds Co. Inc. (Photographers), 101 Fulton, New York
Diamond Ink Co. (Office), 192 E Water, Milwaukee, Wis.
Diamond Paste Co. (All Kinds), Albany, N. Y.
Ernecke Salmstein Co. ("Chica", "Esco"), 944 North av, Chicago, Ill.
Fort Pitt Oil & Paint Co. (Anti-Rust), 3206 Penn, Pittsburgh, Pa.
FOX M. EWING CO., ("Foxpaste," in Dry Powder Form), 241 E 136th, New York
Fuller H. B. Co. ("Fullers" Cold Water, Dry), 188 W. 3d, St. Paul, Minn.

General Adhesive Mfg. Co., Inc. (Machine Label), 469 Greenwich, New York.
Grindan Mfg. Co. ("Grindan," "Grinding"), Albany, N. Y.
Higgins Chas. M. & Co. (Office), 271 9th, Brooklyn, N. Y.
Indianapolis Paste Co., Indianapolis, Ind.
Keller Robt. Ink Co. (Office), 1441 Bklyn., Detroit, Mich.
Kleinbeck C. H. Co. (Caramel), Geneva, Ill.
Levison & Blythe Mfg. Co. (Library), 209 Locust, St. Louis, Mo.
Lincoln Feed & Fuel Co. (Paper Hangers), Lincoln, Neb.
Michigan Paste & Mfg. Co. ("Perfection"), 711 Fort, W, Detroit, Mich.
National Gum & Mica Co. ("Yankee" Cold Water Paste Powder), 59th & 11th av, New York
National Insulating & Mfg. Co. ("Holdfast"), Indianapolis, Ind.
Pawtucket Mordant Co. (Textile Finishing), Pawtucket, R. I.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pomeroy Ink Mfg. Co., 55 E Park, Newark, N. J.
Providence Drysalters Co. (Textile Finishing), 86 Weybosset, Providence, R. I. Works: East Greenwich, R. I.
Quill & Co., 436 Aberdeen, Chicago, Ill.
Reardon Glue Mfg. Co. (Dry), 2nd & Clinton, St. Louis, Mo.
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
Sanford Mfg. Co. ("Sanford," Office & Library), Congress & Peoria, Chicago, Ill.
Schmeer's Paper Box Co. ("Syracuse"), Syracuse, N. Y.
Schweitzer Samuel (Flour), 660 W Lake, Chicago, Ill.
Silberstein A. L. (Razor), 600 W 157th, New York
Stafford S. S. (Library), 609 Washington, New York
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Swearingen J. C. Ink Co. (Library), 222 Wick, Pittsburgh, Pa.
Tacks Mfg. Co. (Bottlers, etc), Utica, N. Y.
Thomas L. H. Co. ("Snow Flake," Library), W Congress & S Peoria, Chicago, Ill.
Weil Samuel & Son, 194 Franklin, New York
Weis Mfg. Co. (Library), Monroe, Mich.
Williamson Glue & Gum Wks. (Vegetable), 220 W Huron, Chicago, Ill.
Wood & Selick (Almond), 36 Hudson, New York
Woodmansee F. A. ("Woodmansee." Office & Library), 117 E Pearl, Cincinnati, O.

10751a— Paste (Adhesive)

Arabol Mfg. Co., 100 William, New York
Clark Paper Mfg. Co., Rochester, N. Y.
National Gum & Mica Co., 59th & 11th av, New York

10752— Paste (Calking)

Weatherproof Calking Co. ("Hennen's" Elastic, for Calking Windows, etc in Houses), Minneapolis, Minn.

10753-4—Paste (Canners, etc.)

Arabol Mfg. Co. (Paste Powder & Tinnol Paste), 100 William, New York
Burt Machine Co., 403 E. Oliver, Baltimore, Md.
Clark Paper Mfg. Co., Rochester, N. Y.
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Electric Cleanser Co., Canton, O.
Fales W. H. Co. (Sales Agent), 62 Maiden la, New York
Indianapolis Paste Co., Indianapolis, Ind.
National Gum & Mica Co., 59th & 11th av, New York
Schweitzer Samuel, 660 W Lake, Chicago, Ill.
Stricker Henry H. & Co., 604 W Pratt, Baltimore, Md.
Tacks Mfg. Co., Utica, N. Y.

10755—Paste (Carriage Trimmers')

Buckeye Paste Co., 270 S Wall, Columbus, O.

10756— Paste (Emery)

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
General Plasters Supply Co., 489-493 Broome, New York.
Jackson Mills Co., Easton, Pa.
Munning A. P. & Co., Mattawan, N. J.

10757— Paste (Library)

Clark Paper Mfg. Co. ("Tixit"), Dept. H, Rochester, N. Y.
Higgins Chas. M. & Co., 271 9th, Bklyn., N. Y.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
National Gum & Mica Co., 59th & 11th av, New York.

10758— Paste (Pipe Joint)

Hosmer G. A. Co., 601 Northland av, Buffalo, N. Y.
Thread-Tight Co., 288 Bowery, New York

10759-60—Paste (Plumbers')

Levison & Blythe Mfg. Co., 209H Locust, St. Louis, Mo.
Starbuck R. M. & Sons, Hartford, Conn.

Paste (Soldering)

See Soldering Flux, Paste, etc.

10762—Pasteurizers (Milk, Etc.)

Burrell D. H. & Co. ("Simplex" Holder Internal Tube & Long Distance Flow & "Simplex" Spray Vat; also Simplex Tank Pasteurized), Little Falls, N. Y.
Climax Machinery Co., Indianapolis, Ind.
Creamery Package Mfg. Co. ("Wizard"), 61 W Kinzie, Chicago, Ill.
Davis-Watkins Dairymen's Mfg. Co. ("Commercial" Centrifugal), Dept. H, North Chicago, Ilil.
Kauffman Pasteurizer Co., Three Rivers Mich.
Krenz Oscar Copper & Brass Wks., 612 Bryant, San Francisco, Cal.
Ladd John W. Co. (For Milk), 2016H W Lafayette, Detroit, Mich.
Ladewig Stock Co., Waukesha, Wis.
Miller Pasteurizing Machine Co., Canton, Ohio
Mohr John & Sons, 96th & Calumet River, Chicago, Ill.
Reid A. H. Creamery & Dairy Supply Co. ("Reid"), 69th & Haverford, Phila., Pa.
U. S. Bottlers' Machinery Co. ("U. S.," "Ideal" for Catsup, Tomato Pulp, etc.), 2511 Park av, Chicago, Ill.
Woolf Laboratories, Inc., 230 Greenwich, New York

10763—Pasteurizers (Portable)

U. S. Bottlers' Machinery Co. ("U. S.," "Ideal" for Catsup, Tomato Pulp, etc), 2511 Park, Chicago, Ill.

10764— Patches (Tube)

Empire Tire & Rubber Co. ("Empire"), Trenton, N. J.
Keystone Rubber Mfg. Co. (Rubber, no cement), Erie, Pa.
Las-Stik Patch Mfg. Co. ("Las Stik"), Hamilton, Ohio
Polson W. J. Co. ("W. J. Polsons" Blow Out), 18th & Indiana av, Kansas City, Mo.

10764a—*Patent Attorneys

GREELEY A. P., Wash. Loan & Trust bldg, Washington, D. C.
Hilles Charles W., 1523-33 Monadnock bldg, Chicago, Ill.
See adv index at end of book
HINES C. C. & CO., Washington Loan & Trust bldg, Washington, D. C.
Mason, Fenwick & Lawrence, 600 F, N W, Washington, D. C.
See adv index at end of book
Sheehy James J. & Co., 918 F, N W, Washington, D. C.
See adv index at end of book

JAMES J. SHEEHY & CO.
Counselors at Law and Solicitors of Patents
American and Foreign Patents
and
Trade-Marks.
NATIONAL UNION BUILDING
No. 918 F STREET NORTHWEST
Washington, D. C.

10765—*Patent Leather Solutions

Du Pont Chemical Works, 120 Broadway, New York.

10766— *Patented Articles

Myer-Moran Co., 210 N Holliday, Baltimore, Md. *See adv index at end of book*
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

10767—Pattern Making Outfits

Benskin Mfg. Co., Canton, O.
Bryan Pattern & Mach. Co., Bryan, O.
Oliver Machinery Co., Grand Rapids, Mich.

Pattern Plates

See Plates, Match

10768— Patterns (Metal)

See also Patterns & Models

Barum S. H., New Haven, Conn.
Brost Pattern Wks., 5122 St. Clair, Cleveland, O.
Bryan Pattern & Mach. Co., Bryan, O.
Champion Foundry & Machine Co., 2419 W 14th, Chicago, Ill.
Cleveland Castings Pattern Co., 1930 E 61st, Cleveland, Ohio
See adv index at end of book
Continental Machine Works, Oakland, Cal.
Corbett-Steeves Pattern Works (Foundry), Rochester, N. Y.
Farrar & Threfts, Inc., Buffalo, N. Y.
Kimball F. J. Co., Inc., 1860 E 15th, Los Angeles, Cal.
Marion Foundry Corp., Marion Natl. Bank bldg, Marion, Ind.
Maumee Malleable Castings Co., Toledo, Ohio.
Monarch Pattern Wks., 1426 Mullett, Detroit, Mich.
Motor Patterns Co., E 61st & Waterman, Cleveland, Ohio
Nicholls Wm. H. Co., Inc., 2 College pl, B'klyn, N. Y. *See adv index at end of book*
Nobach W. J. Pattern Works, 411-413 S Clinton, Chicago, Ill.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
San Diego Machine Co., San Diego, Cal.
Scherer Wm. Mfg. Co., 1384 E 40th, Cleveland, O.
Standard Pattern Works, 5332 St. Clair av, Cleveland, O.
Sweet & Boyle Foundry & Machine Co., Green Island, N. Y.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Withers Foundry & Machine Works, Atlanta, Ga.
Youngstown Pattern Wks., Youngstown, O.

10769— Patterns (Shoe)

Bourque & Sears, Haverhill, Mass.
Brown & Hutchinson, Haverhill, Mass.
Hayden Samuel H., Haverhill, Mass.
Holden & Quick, 120 Centre, New York
Olden's Geoffrey J. Son, 16 Spruce, New York
Plumstead Harry T., Haverhill, Mass.

10770— Patterns & Models

Acme Pattern Works (Wood & Metal), 52 Porter, Detroit, Mich.
Acme Pattern & Machine Co., Buffalo, N. Y.
Acme Steel & Malleable Iron Works, 245 Military rd, Buffalo, N. Y.
Adamson Machine Co., Akron, O.
See adv index at end of book
Allen Geo. R. (Metal or Wooden, for Machine & Casting Works, 1214 Chestnut, Phila., Pa.
Allison R. W., Dayton, O.
American Pattern Co., 3336 Market, Phila., Pa.
American Pattern Mfg. Co., Youngstown, O.
American Pattern Works (Wood & Metal), Dubois & Clay, Detroit, Mich.
Anderson Eric J., Hartford, Conn.
Art Pattern Works (Wood & Metal), 121 Lafayette av, Detroit, Mich.
Austin F. A. Pattern Co., Syracuse, N. Y.
Baker James M. (Wood), 114 W Exchange, Providence, R. I.
Barth Mfg. Co. (Metal), Milwaukee, Wis.
Barum S. H. (Wood), New Haven, Conn.
Bascom & Co. (Wood & Iron for Stoves & Heaters, also Machy. Patterns & Match Plates), Troy, N. Y.
Bassett Pattern Works (Wood & Metal), 62 Central av, Cincinnati, O.
Beach Fred F. (Wood & Metal), Bridgeport, Conn.
Belcher Malleable Iron Co. (Metal), Easton, Mass.
Bemis A. L., Worcester, Mass.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blair Tool & Machine Works, 521 Greenwich, New York
Bogert & Hopper, Inc. (Wood for Various Purposes), 57 Barclay, New York
See adv index at end of book
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Bridgeport Pattern & Model Co., Bridgeport, Conn.
Brost Pattern Works (Wood & Metal), 5122 St. Clair av, Cleveland, O.
Bryan Pattern & Mach. Co., Bryan, O.
Buckeye Engine Co. (Wood), Salem, O.
Buffalo Gear & Pattern Works (Gear Patterns Cut by Machinery), 18 Elk, Buffalo, N. Y.
Buffalo Pattern Works (Wood & Metal Patterns), 830 Hertel av, Buffalo, N. Y.
Butt Herbert G., 352 Atlantic av, Boston, Mass.
Cahill W. S. Co., Key Highway & Webster, Baltimore, Md.
Calhoun Pattern Foundry & Machine Co., Houston, Texas
Canton Malleable Iron Co. (Brass), Canton, O.
Canton Pattern & Mfg. Co. (Metal & Wood), Canton, Ohio.
Carley C. R. (Patterns), 318 E Water, Syracuse, N. Y.
Carolus Mfg. Co., Sterling, Ill.
Cheney S. & Son, Manlius, N. Y.
Cincinnati Pattern Works (Wood & Metal), Front & Lawrence, Cincinnati, O.
Clark Cadle Harmon Corp. (Metal), Rochester, N. Y.
Cleveland Castings Pattern Co. (Wood & Metal), 1930 E 61st, Cleveland, Ohio
See adv index at end of book

Wood and Metal
PATTERNS
of every description
The Cleveland Castings Pattern Co.
1930 East 61st St. CLEVELAND, O.

PATTERNS & MODELS—continued

Cleveland Metal Pattern Co. (Metal Patterns), 728 Frankfort av, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Clyne R. G. Engineering Co., 12th & Taylor, St. Louis, Mo.
Cobb & Jenkins, 380 Atlantic av, Boston, Mass.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Collamer Machine Works, 1214 E 152d, Cleveland, Ohio
Colson F. A. Pattern Works (Wood & Metal), Buffalo, N. Y.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Cope Pattern Works (Wood & Metal), 41 McDougall, Detroit, Mich.
Crooks Pattern Works (Wood & Metal), 955 Cleveland av, Columbus, O.
Cumberland Foundry & Mfg. Co. (Metal & Wood), Nashville, Tenn.
Davison, Namack Foundry Co. (Wood & Metal), Ballston Spa, N. Y.
Detlaff A. J. Co., 121 E Lafayette, Detroit, Mich.
Detroit Pattern Works, 9 W Woolbridge, Detroit, Mich.
Dixie Brass & Foundry Co., Birmingham, Ala.
Duemer Louis, Hamilton, Ohio
Eastern Pattern Works. Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Elmes Chas. F. Engineering Works ("Wooden"), cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Emmel Co., 81 Bristol, Boston, Mass.
Estes E. B. & Sons (Wood for Various Purposes), 364 5th av, New York
See adv index at end of book
Elnon-Evans Mfg. Co. (Patterns Only), N 15th & Clearfield, Phila., Pa.
Farrar & Threfts Inc., Buffalo, N. Y.
See adv index at end of book
Flint Electric & Mfg. Co., Denver, Colo.
Forster John G., Indianapolis, Ind.
Frankham Wm. Brass & Bronze Works, (Metal), Canton, O.
Freeman Pattern Supply & Mfg. Co., Toledo, O.
Frisch Bros., Wilmington, Del.
Fritz Geo. E., 4 Howard, New York
Fritz Geo. J. Fdry. & Mach. Co. (Wood Patterns), 2018 3d, St. Louis, Mo.
Gardam Wm. & Son, 114 Park pl, New York
Gard Pattern Co. (Patterns Only), Denver, Colo.
Garvis Benj. E., 113-115 Mechanic, Newark, N. J.
Gem City Pattern Works (Wood & Metal), Dayton, O.
General Pattern & Model Co., 215 Centre, New York
GERDES & CO., 42 Church, New York
See adv index at end of book
Gillie Machine Co. (Wood & Metal), Tonawanda, N. Y.
Girard Model Works (Wood & Metal), Girard, Pa.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Goodwin-Bradley Pattern Co. (Wood and Metal Patterns), 277 Eddy, Providence, R. I.
Gorning & Luley, 1112 N B'way, St. Louis, Mo.
Grant Mfg. & Machine Co. (Metal, Experimental, etc), Bridgeport, Conn.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Harlan & Hollingsworth Corp., ft West, Wilmington, Del.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Hoeft & Co. (Metal), 1600 W Kinzie, Chicago, Ill.
Hoering, G. V., 427 N Park, Columbus, O.
Huetter Machine & Tool Co., Indianapolis, Ind.
Hume W. D. & Sons, Laconia, N. H.
Jarvis Joseph T., 73 Haverhill, Boston, Mass.
Jessup Stephen C. Pattern Works (Wood & Metal), Salem, O.
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Johnston Pattern Co. (Wood), Canton, O.
Jurack Chas. (Wood & Metal), 201 Oregon, Milwaukee, Wis.
Kahl Pattern Works (Wood & Metal), Detroit, Mich.
Kidder R. E. Co. (All Sizes), Worcester, Mass.
Kimball F. J. Co., Inc., 1860 E 15th, Los Angeles, Cal.
Krone Kreutz F Co. (Models), 204 1st, San Francisco, Cal.
Lancaster Structural & Foundry Wks. (Wood), Lancaster, Pa.
Lebanon Gear & Machine Works, 17th & Forge, Lebanon, Pa.
Leetsdale Fdry. & Mfg. Co. (Wood & Metal), Leetsdale, Pa.
Levi Benjamin, 355 W B'way, New York
Lipe, W. C., Syracuse, N. Y.
Loeffelholz Co. (Brass), Milwaukee, Wis.
Logan Edw. Machine Co., Trenton, N. J.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
McClure John C. (Wood), 21 Hackett, Newark, N. J.
McFarland Foundry & Machine Co., Trenton, N. J.
McNamara-Koster Foundry Co. (Patterns & Models), Indianapolis, Ind.
M. & N. Pattern & Model Works (Architectural & Ornamental), 448 N Halsted, Chicago, Ill.
Mahoming Pattern Co. (All Kinds of Patterns), Youngstown, O.
Mansfield Pattern Works, Mansfield, O.
Melvin Bros. Pattern Works, 37½ S Scioto, Columbus, O.
Mersfelder's W. L. Pattern Works (Metal & Wood), Lawrence & Friendship, Cincinnati, O.
Michigan Pattern & Machine Works, 1085 Jeff. av, E. Detroit, Mich.
Miller Engine & Foundry Wks. ("Miller"), 2652 Long Beach av, Los Angeles, Cal.
Modern Pattern Co. (Wood & Metal), 150 Clinton, Milwaukee, Wis.
Modern Pattern Co., Springfield, Ohio
Monarch Pattern Wks (Metal & Wood), 1406 Mullett, Detroit, Mich.
Morner & Smith (Wood & Metal), Dayton, Ohio
Motor Patterns Co., East 61st & Waterman, Cleveland, Ohio
Mueller Rudolph, Milwaukee, Wis.
Mummert-Dixon Co., Hanover, Pa.
Munson E. G. (Wood & Iron), Utica, N. Y.
Murphy Foundry Co., Beaver Falls, Pa.
Nacke A. & Son (Metal), 236 S 9th, Phila., Pa.
Neslage Herman F., St. Louis, Mo.
Nestor Mfg. Co., 40 W 13th, New York
New Britain Tool Co., New Britain, Conn.
New Brunswick Iron Works (Patterns Only), New Brunswick, N. J.
New Haven Pattern & Model Works, New Haven, Conn.
Niagara Falls Metal Stamping Works (In Metal), Niagara Falls, N. Y.
NICHOLLS WM. H. CO. INC., 2 College pl, B'klyn, N. Y.
See adv index at end of book
Niemeyer W. H. & Co., Bush & Severn. Baltimore, Md.
Nobach W. J. Pattern Works, 411 S. Clinton, Chicago, Ill.
Noble Henry A. Co., 305 N 2d, Phila., Pa.
Octo Engineering Ass'n, Inc., Rochester, N. Y.
O'Gorman Thos. F., 114 Centre, New York
Ohio Brass & Pattern Co. (Metal), Canton, O.
Ohio Pattern Works (Wood & Metal), 2730 Spring Grove av, Cincinnati, O.
Owren Casting Co. (Metal), Attleboro, Mass.
Parker W. T. Mfg. Co. (Wood & Metal), Springfield, O.
Pauly Bros., Springfield, O.
Peerless Pattern Works Co., 1368 E 34th, Cleveland, O.
Penna. Stove Pattern Works (Stoves & Machine Patterns), 215 N 2d, Phila., Pa.
Philadelphia Roll & Machine Co. (Patterns), 25th & Washington av, Phila., Pa.
Phoenix Iron Works, Portland, Ore.
Pitz John F., 21 Rose, New York
Plainfield Pattern Works, 509 Berckman, Plainfield, N. J.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Price Bros., Frederick, Md.
Pueblo Foundry & Machine Co. (Wood & Metal), Pueblo, Colo.
Quincy Patttern Co. (Wood & Metal), Quincy, Ill.
Rabe Otto, 158 N Desplaines, Chicago, Ill.
Reliance Pattern Works (Wood), 3202 Smallman, Pittsburgh, Pa.
Reynolds Machine Co., Massilon, O.
Richmond Standard Mfg. Co., Richmond, Ind.
Riley John F. Fndry & Mach. Co., Charleston, S. C.
Roanoke Iron Works, Roanoke, Va.
San Diego Machine Co., San Diego, Cal.
Sawin L. H., Gardner, Mass.
Schraner A. P. (Wood & Metal), Payne av E 23rd, Cleveland, O.
Schmidt F. L. Co., 11th av & 21st, New York
Schwab R. J. & Sons Co. (Wood & Metal), 283 Clinton, Milwaukee, Wis.
Schwabe F. J. & Son, Ft. Wayne, Ind.
Scully Pattern & Model Works, S W cor 5th & Delaware, Kansas City, Mo.
Shafer O. J. (Wood), 207 E 6th, Cincinnati, O.
Shepard Amos L. (Models & Metal & Wood Patterns), Plantsville, Conn.
Sloan Novelty Mfg. Co., S W cor 20th & Wyandotte, Kansas City, Mo.
Soderstrom E. (Wood), Wichita, Kans.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Standard Pattern Co. (Patterns of All Kinds), 28th & Spruce way, Pittsburgh, Pa.
Standard Pattern Works (Wood & Metal), 144 Fort E, Detroit, Mich.
Standard Pattern Works Co. (Gear Patterns Specialty, Wood & Metal), 5332 St. Clair av, Cleveland, O.
Standard Pattern Works (Wood & Metal), 14 Railroad, Rochester, N. Y.
Staunchwood Shops, 97 Lincoln, Flushing, N. Y.
Stearns E. C. Co. (Wood & Metal), 450 Oneida, Syracuse, N. Y.
Steiner Mfg. Works (Metal), Erie, Pa.
Stocklin W. C. Co., Columbus, O.
Stierlin Machine & Die Works, 625 W Jackson blvd, Chicago, Ill.
Strickland Pattern Works (Wood & Metal) Chattanooga, Tenn.
Stuart Foundry Co., 207 Junction, Detroit, Mich.
Superior Foundry Co. (Wood & Metal), 71st & W. & L. E. Ry., Cleveland, O.
Superior Pattern Works Co., 1247 Marquette rd, Cleveland, O.
Sweet & Doyle Foundry & Machine Co., Green Island, N. Y.
Taylor C. P., Rockford, Ill.
Tenney A. E. Mfg. Co., Pawtucket, R. I.
Thomson S. H. Mfg. Co., Dayton, O.
Townsend Foundry & Machine Shop Co., Broadway & Rensselear, Albany, N. Y.
See adv index at end of book
Trenton Pattern Works (Wood), Trenton, N. J.
Trumbull Mfg. Co. (Patterns), Warren, O.
Twentieth Century Brass Works Co. (Metal), 514 5th av, S Minneapolis, Minn.
Universal Fdry. Co., Oshkosh, Wis.
Universal Mach. & Tool Co. (Metal), Canton, O.
Universal Pattern Works (Wood), 909 State av, Cincinnati, O.
Utica Steam Engine & Boiler Wks, Utica, N. Y.
Vedder Pattern Works (Wood & Iron for Stoves and Heaters), Troy, N. Y.
Walker Bros. Co. (Wood & Metal), Syracuse, N. Y.
Walker R. W. (Wood & Metal), Lawrence, Mass.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Washburn Lettic R. & Co. (Patterns & Models), New Bedford, Mass.
Weller Pattern Co. (Wood & Metal for Stove Furnace & Machy.), Quincy, Ill.
Wellman Products Co. (Large Patterns for Machines a Specialty), 1444 E 40th, Cleveland, O.
Western Foundry & Machine Works (Wood & Metal), Topeka, Kans.
Western Iron & Foundry Co. (Wood), Wichita, Kans.
Western Pattern & Mfg. Co. (Wood or Metal), Moline, Ill.
Weydell F. O., 12 S Clinton, Chicago, Ill.
White & Kilroy, 1303 Monadnock bldg, Chicago, Ill.
Worcester Pattern & Model Co., Worcester, Mass.
Wunsch & Washburn ("Paramount"), Stone av & McDougal, Brooklyn, N. Y.
York Pattern Works, York, Pa.

Paulins

See Tarpaulins; also Tents, Contractors'

10771-2—Paving Blocks (Asphalt)

Asphalt Block Pavement Co. (& Flooring), Toledo, O.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Hastings Pavement Co., 25 Broad, New York
International Creosoting & Construction Co. (Creosoted), Galveston, Tex.; Works: Beaumont, Tex.
Taylor Ronald Co., 520 E 20th, New York

Paving Blocks (Cedar)

See Paving Blocks, Wood

Paving Blocks (Creosoted)

See Paving Blocks, Wood

10773—Paving Blocks (Fire Clay)

See also Brick, Vitrified Paving

West Virginia Fire Clay Mfg. Co., Diamond Bank bldg, Pittsburgh, Pa.

10774—Paving Blocks (Granite)

See also Granite Producers, Workers & Dealers

American Granite Co., 15th & Cleveland av, Milwaukee, Wis. Quarries: Granite Heights, Wis.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Booth & Flinn (Ltd.), 1942 Forbes av, Pittsburgh, Pa.
Flynt W. N. Granite Co., Monson, Mass.
French Greek Granite Co., St. Peters, Pa.
Guilford & Waltersville Granite Co., Law bldg., Baltimore, Md.
Hallowell Granite Works, Hallowell, Me.
Hildreth Granite Co., 21 State, Boston, Mass.
Lanpher H. S. & Co. (Producers), 90 West, New York
Leopold J. & Co., 233 B'way, New York
New England Granite Works, Westerly, R. I.
North Carolina Granite Corp., Mt. Airy, N. C.
Prout Bros., Quincy, Mass.
ROCKPORT GRANITE CO., Rockport, Mass.
Schneider Granite Co., 2140 De Kalb, St. Louis, Mo. Quarries, Graniteville, Mo.
Skrainka Construction Co., Security bldg, St. Louis, Mo.
Swenson Jno. Granite Co., Concord, N. H.
Webb Granite & Const. Co., Mardborough, N. H.
Winnsboro Granite Corp., Rion, S. C.
Wisconsin Granite Co., 11 S La Salle, Chicago, Ill.

10775—Paving Blocks (Stone)

Delaware River Quarry & Construction Co. ("Belgian"), 390 George, Jersey City, N. J.
Kettle River Co., Madison, Ill.

Paving Blocks (Vitrified)

See Brick Manufacturers, Vitrified Paving; Indicated by a Star (*) in Front of Name

10776—Paving Blocks (Wood)

See also Creosoting Works

American Creosoting Co. (Creosoted), 17 Battery pl, New York. Works: Newark, N. J.
AMERICAN CREOSOTING CO. (Creosoted, Bogalusa, La.
See adv index at end of book
American Creosote Works, Southport, New Orleans, La.
Ayer & Lord Tie Co. (Creosoted), 80 E Jackson blvd, Chicago, Ill.
Compressed Wood Preserving Co. (Creosoted), Spring Grove & Station avs, Winton pl, Cincinnati, O.
Creosoted Materials Co., Inc., Queen & Crescent bldg, New Orleans, La.
Gulfport Creosoting Co. (Creosoted), Gulfport, Miss.
Jennison-Wright Co. (Creosoted), Toledo, O.
Kettle River Co. (Creosoted), Madison, Ill.
Leopold J. & Co., 233 B'way, New York
Michigan Wood Preserving Co. ("Century" Creosoted), Century bldg, Pittsburgh, Pa.
National Lumber & Creosoting Co. (Creosoted), Texarkana, Ark.
Ohio Wood Preserving Co., The, Century bldg, Pittsburgh, Pa.
Pacific Creosoting Co., Seattle, Wash.
Peirce W. E. & Co., Milford, N. H.
Pittsburgh Wood Preserving Co. ("Century"), Century bldg, Pittsburgh, Pa.
Puget Sound Wood Preserving Co. (Creosoted), Lowell, Wash.
REPUBLIC CREOSOTING CO. (Creosoted), Merchants Bank bldg, Indianapolis, Ind. *See adv index at end of book*
Southern Creosoting Co., Ltd. (Creosoted), Slidell, La.
Southern Wood Preserving Co. (Creosoted), Atlanta, Ga.
Sterling W. C. & Son (Cedar), Monroe, Mich.
United States Wood Preserving Co. ("Creo-Resinate" Process), 165 B'way, New York. Works: Buell, Va.
Wyckoff Pipe & Creosoting Co. (Creosoted), 30 E 42d, New York

Pea Fillers

See Can Filling Machines

10777— Peavies

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Columbus Handle & Tool Co., Columbus, Ind.
Gerlach Peter Co., 1712 Winter, Cleveland, Ohio
Concrete Machinery, Dunellen, N. J.
Prouty C. & Co. (Also Peavie Handles), Eldred, Pa.
Warren Axe & Tool Co., Warren, Pa.

10778—Pedals (Automobile Horn)

Williams J. H. & Co. (Drop-Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

10779—Pedals (Bicycle & Motor Cycle)

Continental Rubber Works ("Vitalic"), Erie, Pa.
Stevens & Co., 375 B'way, New York
Torrington Co., The Standard Plant Co. ("Star")

10780—Pedals (Muffler Cut-Out)

Am. Machine Products Co., Marshalltown, Iowa
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.
Petry N. A. Co. Inc., 328-34 N Randolph, Phila., Pa.

10781—*Pedestals (Ornamental)

Herwig Art Shade & Lamp Co. (Illuminated), 2140 N Halsted, Chicago, Ill.
See adv index at end of book

10782— Pedestals (Radiator)

Atlas Radiator Pedestal Co. ("Star," "Bicycle," "Standard," "Slip Axle," "Motor Cycle," "Bridgeport," "Standard" & "Pirate"), 102 William, Norwich, Conn.
Jennison Co. (Jennison Adjustable), Fitchburg, Mass.

10783— Pedestals (Sun Dial)

Hartmann Sanders Co., 2155 Elston av, Chicago, Ill.

10783a—Pedestals (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10784— Pedometers

American Pedometer Co. ("American"; Tells How Far You Walk), New Haven, Conn.

Peelers (Fruit, etc.)

See Parers, Fruit & Vegetable

10784a— Pegs (Bluing)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10784b— Pegs (Brush)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10784c— Pegs (Clothes)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10784d—*Pegs (Dental Polishing)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10784e— *Pegs (Hat)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10785— Pegs (Husking)

Boss Mfg. Co., Kewanee, Ill.
Thomas R. N. Co., Shenandoah, Ia.

10785a—*Pegs (Kindergarten)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10786— Pegs (Shoe)

Crawford, McGregor & Canby Co., Dayton, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Foster Jacob R., Plymouth, N. H.
Hale-Boardman John M., Inc., 120 Liberty, New York
Kearsarge Peg Co., Bartlett, N. H.
Kingsley E. B., Salisbury Center, N. Y.
Moore C. C., Lisbon, N. H.
Moore Peg Co., Lisbon, N. H.

10787— Pegs (Wood)

Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper, Inc. (Hat, Clothes, Tent, Kindergarten, etc), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS (Hat, Clothes, Shoe, Tent, Kindergarten, etc), 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10788— Pencil Timber

F. & O. Cedar Works, Ltd., 40 Murray, New York
Germania Cedar Works, Christiana, Tenn.
Gulf Red Cedar Co. (Cedar Slats), Richmond, Va.
Murfreesboro Mfg. Co. (Red Cedar Slats), Murfreesboro, Tenn.

10789—Pencils (Advertising)

Advertising Pencil Co., 248 Pearl, New York
Blanchard Bros., 8th av & 19th, Brooklyn, N. Y.
Eagle Pencil Co., 210 E 14th, New York
Erickson C. E. & Co., Des Moines, Ia.
Imprint Pencil Co., 530 B'way, New York
Pencil Exchange, 73 Fleet, Jersey City, N. J. *See adv index at end of book*
Pencil Printing Co., 140 S 4th, Philadelphia, Pa.



R. I. Advertising Lead Pencil Co., Rock Island, Ill.
Souvenir Lead Pencil Co., Cedar Rapids, Ia.
Standard Pencil Co., 1822 Locust, St. Louis, Mo.
Union Pencil Co. ("Union," Unipeco"), 33 Union sq, New York
Unique Novelty Co., Independence, Ia.

10790—Pencils (Camel's Hair)

Devoe & Raynolds Co., Inc. (Throat, Split Quills, Water Color, Japanners, etc), 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York
Mayer Leopold, 33 Warren, New York
Whiting J. L., Adams J. J. Co., 690 Harrison av, Boston, Mass.

10791—Pencils (Chalk, Propelling & Repelling)

Doggett Stanley, 11 Cliff, New York

10792— Pencils (Clutch)

Barnett Ira, 61 Beekman, New York
Dunn & Rodenberg, Baker, Providence, R. I.
Eagle Pencil Co., 210 E 14th, New York
Eversharp Pencil Co., 1800 Roscoe, Chicago, Ill.
Hoge Mfg. Co. ("Modern"), 45 John, New York
Salz Bros. ("Salz," "Stasharp"), 71H W 35th, New York
Shabeck John C. L., 245 W Exchange, Providence, R. I.
Wahl Co., ("Eversharp"), 1800 Roscoe, Chicago, Ill.

10793-4-5—Pencils (Copying Ink)

American Lead Pencil Co., 220 5th av, New York
Barnett Ira, 61 Beekman, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Eagle Pencil Co., 210 E 14th, New York

Pencils (Crayon)

See Crayons & Pencils, Metal Workers

10796-7—Pencils (French Chalk)

Nevins Saml. Co., 109 S 2d, Phila., Pa.

10798— Pencils (Lead)

American Lead Pencil Co. ("Venus," "Velvet," "Childland," "Carbon," "Expect," "Classic Drawing," "Jazz," "Forum," "Indian," "Autograph," "Scout," "Clover," "Premium," "Beats All Jr.," "Universal," "Scientific," "Dickens," "Senator," "Bonney Blue") 220 5th av, New York
Best Richard, 54 Lafayette, New York
Blaisdell Paper Pencil Co. (Paper), 141 Berkeley, Phila., Pa.
Brown Gordon (Paper), 90 W B'way, New York
Dietzgen Eugene Co. (Drawing), 166 W Monroe, Chicago, Ill.
Dixon Joseph Crucible Co. ("Eldorado" Master Drawing & "Ticonderoga"), Jersey City, N. J.
Eagle Pencil Co., E 13th, New York
Faber A. W. (Castell"), 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
National Pencil Co., Atlanta, Ga.
PEASE C. F. CO., 320 N Franklin, Chicago, Ill. *See adv index at end of book*
PENCIL EXCHANGE (Specialties for Advertising), 73 Fleet, Jersey City, N. J.
See adv index at end of book
Shanklin Mfg. Co. (Magazine), Springfield, Ill.
Standard Pencil Co., 1824 Locust, St. Louis, Mo.
Union Pencil Co. ("Union", "Unipeco"), 33 Union sq, New York
Wahl Co. ("Eversharp"), 1800 Roscoe, Chicago, Ill.

10799— *Pencils (Lumber)

Eagle Pencil Co., 210 E 14th, New York

10800— Pencils (Slate)

Doggett Stanley (Artificial), 11 Cliff, New York
Eagle Pencil Co., 210 E 14th, New York
Illfelder B. & Co. (Artificial), 29 Union sq, New York
Steward D. M. Mfg. Co. ("Compo."), Chattanooga, Tenn.

10801-2—Pencils (Talc & Soapstone)

Adams D. C. Crayon Co. ("Adams"), 125 Market, St. Louis, Mo.
Cohutta Talc Co. (Soapstone; also Crayon), Dalton, Ga.
Dixon Joseph Crucible Co., Jersey City, N. J.
Doggett Stanley, 11 Cliff, New York
Georgia Talc Co., Asheville, N. C.
Steward D. M. Mfg. Co., Chattanooga, Tenn.

10803— Pendants (Wiring)

Fletcher Mfg. Co. ("Etheridge"), Dayton, O.

10804— Pendulameter

Norton Grinding Co., Worcester, Mass.

10804a— Penetrometers

Braun-Knecht-Heimann Co. (N. Y. Testing Laboratory), 576-584 Mission, San Francisco, Cal.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3rd av, New York

10805— Penholders

Amer. Lead Pencil Co., 220 5th av, New York
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Celluloid Co., 36 Washington pl, New York
Center Shaft Penholder Co., Hanover, Pa.
Dixon Joseph Crucible Co., Jersey City, N. J.
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of
PENHOLDERS—Commercial, School and Advertising
PLAIN, POLISHED AND ENAMELED IN ANY STYLE
Specialty of All-Wood and Cork-Core Penholders, Blackboard Dividers and Pointers, and Educational Specialties.
364 5th AVENUE NEW YORK CITY

Esterbrook Steel Pen Mfg. Co., Camden, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Pencil Printing Co. (Advertising), 140 S 4th, Phila., Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Union Pearl Works (Pearl), 43 W 27th, New York. Works: Brooklyn, N. Y.
Union Pencil Co. (Advertising), ("Union," "Unipeco"), 33 Union sq, New York

10806— Pennant Mfrs.

See also Flag Mfrs.

Annin & Co., 99 Fulton, New York
Art Graphic Co., 129 Fulton, New York
Beverly Mfg. Co., Staunton, Va.
Bradford & Co., St. Joseph, Mich.
Chicago Pennant Co., 1310 E 61st, Chicago, Ill.
Donaldson Art Sign Co., 21st & L. N. R. R. Cov, Cincinnati, O.
Hoffmann-Corr Mfg. Co., 312 Market, Phila., Pa.
Mortenson Samuel & Co., 833 W Jackson blvd, Chicago, Ill.
Pacific Pennant & Novelty Co., Los Angeles, Cal.
Pennant Novelty Co., 322 B'way, New York
Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.
Sternthal F. Co. (Felt), 217 W Madison, Chicago, Ill.
Triangle Pennant Co., 160 N 5th av, Chicago, Ill.
Wales H. A. Co. (Who. Dlrs.), Bridgeport, Conn.

10806a— Pen Points

Turner & Harrison Pen Mfg. Co., 1211H Spring Garden, Phila., Pa.

10807—Pens (Calf, Cow & Bull)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.
Libby C. A. Co. ("Libbey"), Oshkosh, Wis.
Louden Machinery Co., Fairfield, Ia.
Rassmann F. Mfg. Co., Beaver Dam, Wis.

Pens (Fountain)

See Fountain Pen Mfrs.

10808— Pens (Gold)

Acme Gold Pen Co., 17 Vandewater, New York
Aikin-Lambert Co., 163H Front, New York
Barnett Ira, 61 Beekman, New York
Gaydoul Gold Pen Co., 50 John, New York
Hicks Wm. Mather, 235 Greenwich, New York
Horn M. T. Co., 114 Park pl, New York
Pearce F. T. Co., 85 Sprague, Providence, R. I.
Todd Edw. & Co., 1 W 34th, New York
Willard Pen Co., 175 Fifth av, New York

10809— Pens (Gold Plated)

Hunt C. Howard Pen Co. (For Fountain Pens), Camden, N. J.
Turner & Harrison Pen Mfg. Co. (For Fountain Pens), 1211 Spring Garden, Phila., Pa.

10810— Pens (Ruling)

Alteneder Theo & Sons, 1217 Spring Garden, Phila., Pa.
Dredge A. Ruling Pen Co., 75 Gold, New York
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Keuffel & Esser, Hoboken, N. J.

10810a— Pens (Shading)

Newton Automatic Shading Pen Co., Pontiac, Mich.
New York Blue Print Paper Co., 102 Reade, New York

10811—Pens (Show Card Lettering)

Keuffel & Esser Co. ("Payzant"), Hoboken, N. J.

10812— Pens (Steel)

American Lead Pencil Co., 220 5th av, New York
Cocomatic Corp. ("Cocomatic"), Lynchburg, Va.
Eagle Pencil Co., 210 E 14th, New York
Esterbrook Steel Pen Mfg. Co., Camden, N. J.
Graff Geo. B. Co. ("Graffco Silver Steel"), 294 Washington, Boston, Mass.
Hunt C. Howard Pen Co., Camden, N. J.
Mason W. L. & Co. ("Mason's"), Keene, N. H.
Miller Bros. Cutlery Co., Meriden, Conn.
Spencerian Pen Co., 349 B'way, New York
Turner & Harrison Pen Mfg. Co., ("Isaacs"), 1211 Spring Garden, Phila., Pa.

10812a— *Pensticks

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

10813— Penstocks

Atlantic Works, 80 Border, East B, Boston, Mass.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Chicago Bridge & Iron Works (Large Riveted Steel), 2105 Old Colony bldg, Chicago, Ill. *See adv index at end of book*
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
DOVER BOILER WORKS. Sales Offices: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dow L. B. Inc. (Steel & Wood), Keene, N. H.
Graver Corp., East Chicago, Ind. *See adv index at end of book*
Hammond Iron Works, Warren, Pa. *See adv index at end of book*
Hunt Rodney Machine Co., Orange, Mass.
International Engineering Works, Framingham, Mass.
Kellogg M. W. Co. (Hydro-Electric Piping), 90 West, New York *See adv index at end of book*
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Leslie Elliott & Co., Paterson, N. J.
McAleenan Bros. Co., 25th & G. V. R. R., Pittsburgh, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Mitchell, Tappen Co., 15 John, New York
Muskegon Boiler Works, Muskegon, Mich.
New England Iron Works Co., Summer, Boston, Mass.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Platt Iron Works Co., Dayton, O.
Pollock Wm. B. Co., Youngstown, O.
Portland Co., Portland, Me.
Riter-Conley Co. (Steel only), Oliver bldg, Pittsburgh, Pa.
Scannell Boiler Works, Lowell, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Stafford Wright & Son, Lawrence, Mass.
STEARNS A. T. LUMBER CO, 100 Taylor, Boston, Mass. *See adv index at end of book*
Stevens Tank & Tower Co. (Wood), Auburn, Me.
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Walsh's Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wolf Co. (Cast Iron & Steel Plate), Chambersburg, Pa.

10813a—*Perches (Bird Cage)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

10814—Perches (Examining)

Tillotson Humidifier Co., 78 Fountain, Providence, R. I.

10815—Percolators (Chemical Works)

Devine J. P. Co., Buffalo, N. Y.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Young Bros. Co., 666 Mack, Detroit, Mich.

10816— Percolators (Coffee)

Aluminum Products Co. (Aluminum), La Grange, Ill.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Electrical Heater Co., Detroit, Mich.
Bowman Geo. H. Co. ("Bowman" Swissalu Aluminum), 224 Euclid av, Cleveland, O.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co., Buffalo, N. Y.
Burritt O. W. & Bro. ("Harrington" Tea & Coffee), Weedsport, N. Y.
Crystal Percolator Co. ("Filtrola"), 44 E 23d, New York
Edison Electric Appliance Co., Inc. (Hotpoint Division) ("El Perco" Electric), 5600 W Taylor, Chicago, Ill.
International Silver Co., Meriden, Conn.
Keyes-Davis Co., Battle Creek, Mich.
Landers, Frary & Clark ("Universal," "Thermax"), New Britain, Conn.
Lisk Mfg. Co. (Enameled), Canandaigua, N. Y.
Manning Bowman & Co., Meriden, Conn.
New England Enameling Co. ("Ideal"), Middletown, Conn.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Prisk Wm. M. & Sons Mfg. Co., Yalesville, Conn.
Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.
Rome Mfg. Co., Rome, N. Y.
Silex Co. ("Silex"), 45 High, Boston, Mass.
Silver & Co. ("Marion Harland"), 304 Hewes, Brooklyn, N. Y.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Standard Spinning & Stamping Co., Toledo, Ohio
Sternau S. & Co., 9 E 37th, New York
Sweeney W. H. Mfg. Co. (Copper, Nickel & Aluminum), 30 Main, Brooklyn, N. Y.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Waage Elec. Co. (Electric), 12 S Jefferson, Chicago, Ill.
Wagner Mfg. Co. ("Wagner Ware" Aluminum), Sidney, O.
West Bend Aluminum Co., West Bend, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*

10816a—*Percolators (For Oil & Grease Extraction)

BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book

10816b— *Percolators (Garbage Grease, Etc.)

KUTZTOWN FOUNDRY & MACHINE CO. (Rotary), 1421 Chestnut, Phila., Pa. *See adv index at end of book*

10817—Percolators (Pharmaceutical)

Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

10818—Perforators (Postage Stamp)

American Perforator Co. ("American"), 621 W Jackson blvd, Chicago, Ill.
Stimpson Edwin B. Co. (& Checks, Stubs, etc.), 852 Kent av, Brooklyn, N. Y.

10819— Periscopes

Bausch & Lomb Optical Co., Rochester, N. Y.

10820— *Permeameters

Holz & Co., Inc. ("Fahy"), 18 Madison av, New York *See adv index at end of book*

Peroxide of Hydrogen

(See Hydrogen Peroxide)

Peroxide of Manganese

(See Manganese Peroxide)

Peroxide of Sodium

(See Sodium Peroxide)

10821— *Pestles

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10822— Petrolatum

ADMIRAL PETROLEUM CO., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Bell Oil Corp., 111 Broad, New York
Binghamton Oil Refining Co., Binghamton, N. Y.

Canfield Oil Co., 3210 E 55th, Cleveland, O.
Chesebrough Mfg. Co. ("Vaseline"), 17 State, New York
Clarendon Refining Co., Clarendon, Pa.
Clark F. C., 316 Kinzie, Chicago, Ill.
Clark Fred S. Co., 1081 W 11th, Cleveland, Ohio
Connewango Refining Co., Warren, Pa.
Crew, Levick Co., 111 N Broad, Phila., Pa.
Daugherty W. H. & Son, Refining Co., Petrolia, Pa.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Freedom Oil Works Co., Freedom, Pa.
Fuller Ralpth L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
See adv index at end of book
Monitor Oil Co., Cleveland, O.
Pennsylvania Refining Co., Karns City, Pa.
Petrolia Refining Co., Petrolia, Pa.
Quaker City Supply Co., Land Title bldg, Phila., Pa.
Standard Oil Co., 555 W 25th, New York
Texas Company, 17 Battery pl, New York
See adv index at end of book

10823—Petroleum & Its Products

ADMIRAL PETROLEUM CO., 215-16 Bessemer, bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
Amalgamated Oil Co., Pacific Electric bldg., Los Angeles, Cal.
American Oil & Tank Line Co., St. Paul, Minn.
American Oil Works (Ltd.), Titusville, Pa.
American Petroleum Products Co., 196 Water, New York
Ardmore Refining Co., Ardmore, Okla.
Asiatic Petroleum Co. N. Y. Ltd., 233 B'way, New York
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Associated Oil Co., Sharon bldg, San Francisco, Cal.
Atlantic Refining Co., 3144 Passyunk av Phila., Pa.
Bell Oil Corp., 111 Broad, Phila., Pa.
Bessemer Refining Co., Titusville, Pa.
Bigheart Producing & Refining Co., Tulso, Okla.
Buffalo Refining Co., 77 Main, Buffalo, N. Y.
Caddo Oil & Refining Co. of Louisiana
California Fresno Oil Co., Fresno, Cal.
Camp Harry E., Bradford, Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O
Capitol Refining Co., Stockyards, Cal.
Central Refining Co., Lawrenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Clark Fred. G. Co., 1081 W 11th, Cleveland. O.
Columbia Oil Co. of N. Y., 15 William, New York
Conewango Refining Co., Warren, Pa.
Constantin Refining Co., Tulsa, Okla.
Consumers' Refining Co., 76 W Monroe, Chicago, Ill.
Continental Mexican Petroleum Co., 71 B'way, New York
Continental Refining Co., Oil City, Pa.
Cornplanter Refining Division, Warren, Pa.
Cosden & Co., Tulsa, Okla.
Crew Levick Co., 111 N Broad, Phila., Pa.
Crystal Oil Works, Oil City, Pa.
Cushing Refining Co., Cushing, Okla.
Dougherty W. H. & Son Refining Co., Petrolia, Pa.
Emery Mfg. Co., Bradford, Pa.
Emlenton Refining Co., Emlenton, Pa.
Empire Oil Works, Oil City, Pa.
Foco Oil Co. (Jobbers), Franklin, Pa.
General Petroleum Co., Alaska Commercial bldg, San Francisco, Cal.
Great Western Oil Co., 2846 E 37th, Cleveland. O.
Gulf Refining Co., Frick bldg. annex, Pittsburgh, Pa.
Hercules Oil Refining Co., E 30th, Los Angeles, Cal.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indiahoma Refining Co., East St. Louis, Ill.
Indian Refining Co. (Crude Petroleum), 244 Madison av, New York
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
International Refining Co., Columbus, Ohio
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Jordan Oil Co., E 28th, Los Angeles, Cal.
Kansas Co-Operative Refining Co., Kansas City, Mo.
Kendall Refining Co., Bradford, Pa.
Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.
Louisiana Oil Refining Co., Shreveport, La.
Magnolia Petroleum Co., Galveston, Tex.
MacKormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Mexican Petroleum Co., Los Angeles, Cal.
Midland Petroleum Co., 111 W Monroe, Chicago, Ill.
Midwest Refining Co., Denver, Colo.
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.
Milliken Refining Co., Merchants Exch. bldg, St. Louis, Mo.
Muskogee Refining Co., Muskogee, Okla.
Mutual Oil Co., Interstate bldg., Kansas City, Mo.
Mutual Refining Co (Ltd.), Warren, Pa.
National Oil Refining & Mfg. Co., Bakersfield, Cal.
National Refining Co., Rose bldg., Cleveland, O.
Okmulgee Producing & Refining Co., Tulsa, Okla.
Pacific States Refining Co., Fruitvale, Cal.
Pan-American Refining Co., Tulsa, Okla.
Paragon Refining Co., Toledo, O.
Pavania Oil Co., Warren, Pa.
Pennsylvania Oil Products Ref. Co., Eldred, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Penn American Refining Co., Oil City, Pa.
Petroleum Products Co., 3917 Nevile, Pittsburgh, Pa.
Petrolia Refining Co., Petrolia, Pa.
Phoenix Oil Co., 2554 W 5th, Cleveland, O.
Phoenix Refining Co., Tulsa, Okla.
Pierce Oil Corp., 25H Broad, New York
Pinal Dome Refining Co., Santa Maria, Cal.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Producers Refining Co., Gainesville, Tex.
Producers & Refiners Oil Co., 248 4th av, Pittsburgh, Pa.
Puente Oil Co., Chino, Cal.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Quaker City Supply Co., Land Title bldg, Phila., Pa.
Richfield Oil Co., Los Angeles, Cal.
Riverside Oil Co., Benedum Trees bldg, Pittsburgh, Pa.
Sapulpa Refining Co., Sapulpa, Okla.
Seneca Oil Works, Warren, Pa.
Shell Co. of Cal., 343 Sansome, San Francisco, Cal.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Solar Refining Co., Lima, O.
Southern Oil Corp., Tulsa, Okla.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. (Medicinal), 910 S. Michigan av, Chicago, Ill.
Standard Oil Co. of La., Baton Rouge, La.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Standard Oil Co. of Ohio, E Ohio Gas bldg., Cleveland, O.
Stebbins Oil & Gasoline Co. (Crude), Tulsa, Okla.
Sun Co., Finance bldg, Phila., Pa.
Superior Oil Works, Warren, Pa.
Texas Company ("Alcaid," "Aleph," "Algol," "Altan," "Aries," "Canopus," "Capella," "Cetus," "Cornus," "Dolphin," "Draw," "Hydra," "Lyon," "Nabob," "Alympio," "Pelican," "Pinnacle," "Robtex," "Solar," "Spica," "Regal," "Yosa," "Valor," "Vanguard," "Veteran," "Winner," "Zenith"), 17 Battery pl, New York
See adv index at end of book
Tidewater Oil Co., 11 B'way, New York
Titusville Oil Works, Titusville, Pa.
Uncle Sam Oil Co., Kansas City, Kans.
Union Oil Co., Los Angeles, Cal.
Union Petroleum Co., Widener bldg, Phila., Pa.
United Refining Co., Warren, Pa.
Utah Oil Refining Co., Salt Lake City, Utah.
Vacuum Oil Co., Rochester, N. Y.
Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.
Ventura Refining Co., 454 S Spring, Los Angeles, Cal.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
Webster Refining Co., Jennings, La.
Wilburine Oil Works (Ltd.), 11 B'way, New York
Wilhoit Refining Co., Springfield, Mo.
Yosemite Oil Refining Co., Cheney & Harriet, Los Angeles, Cal.

10824— Pew End Mfrs.

American Sash & Door Co., Kansas City, Mo.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Dudman Drug & Chemical Co., 44 Cannon, Charleston, S. C.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Moore Mfg. Co., Springfield, Mo.
Peirce W. E. & Co., Milford, N. H.
Tiffin Mfg. Co., Tiffin, O.

Phaetons

See Carriages

Pharmaceutical Apparatus

See Pharmaceutical Machinery; also Chemical Machinery

10824a— Pharmaceuticals

See also Chemicals

Am. Pharmacal Co., 819 N 2nd, Phila., Pa.
Ames M. Chemical Works, Glens Falls, N. Y.
Beebe Laboratories, Inc., 163 3rd, St. Paul, Minn.
Bittner G. C. Co., Toledo, Ohio
Bush W. J. & Co., Inc., 100 William, New York
Chiris Antoine Co., 20 Platt, New York
Digestive Ferment Co., 920H Henry, Detroit, Mich.
Fergusson Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Flint Eaton & Co., Decatur, Ill.
Greeff R. W. & Co., 80 Maiden la, New York
Hendey Chemical Co., Inc., 72 Trinity pl, New York
Lambert Chemical Co., St. Louis, Mo.
Lilly Rli & Co., Indianapolis, Ind.
McKesson-Robbins, 91 Fulton, New York
Merrell W. S. Co., 6th & Pike, Cincinnati, Ohio
Monsanto Chemical Works, 1800 S 2nd, St. Louis, Mo.
Morgenstern & Co., 31 Park pl, New York
National Aniline & Chemical Co., 21 Burling Slip, New York
National Gum & Mica Co., 59th & 11th av, New York
Organic Products Corp., Schenectady, N. Y.
Parke Davis & Co., Detroit, Mich.
Parmele Pharmacal Co., 49 West, New York
Rector Chemical Co., 2 Rector, New York
Schering & Glatz, Inc., 150 Maiden, New York
Scott & Bowne, Bloomfield, N. J.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Takamine Commercial Corp., 120 B'way, New York
Wag's Chemical Co., 312 W Jackson av, Knoxville, Tenn.
Zinsser & Co., Hastings-on-Hudson, N. Y.

ADMIRAL QUALITY PETROLEUM PRODUCTS



GASOLINE
NAPHTHA
KEROSENE
MINERAL SEAL
PETROLATUM

FUEL and GAS OILS
ROAD and BLACK OILS
CYLINDER STOCKS
NEUTRALS and WAX
MEDICINAL and TECHNICAL OILS

CAR LOTS
TRAIN LOADS

Your Inquiries Are Respectfully Solicited

ADMIRAL PETROLEUM CO., PITTSBURGH, PA.

10825— Pharyngoscopes

Electro Surgical Instrument Co., Rochester, N. Y.
American Synthetic Color Co., Stamford, Conn.

10825a—*Phenol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10826— Phenolphthalein

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Greef R. W. & Co., 80 Maiden Lane, New York
Monsanto Chemical Works, St. Louis, Mo.
National Aniline & Chemical Co., Inc. (Mfrs.), 21 Burling Slip, New York
New York Quinine & Chemical Works, 135 William, New York

10826a—Phenylenediamine (Meta)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Du Pont E. I. de Nemours & Co., Inc. (Dyestuffs Sales Div.), Wilmington, Del. *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

10826b—Phonograph (Apparatus)

See also Specific Heading
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*

10827—Phonograph Reproducers

Heineman Otto Phonograph Supply Co., 25 W 45th, New York
Thomas Mfg. Co., Dayton, Ohio
United Mfg. & Distributing Co. ("United"), 536 Lake Shore drive, Chicago, Ill.

Phonographs

See Talking Machines

Phosphate of Ammonia

(See Ammonium Phosphate)

10828— Phosphate Rock

Alexander G. S. & Co., Inc., Savannah, Ga.
Am. Cyanamid Co., 511 5th av, New York
Arkansas Fertilizer Co. (Miners), Little Rock, Ark.
Baker H. J. & Bro. (Selling Agents), 81 Fulton, New York
Charleston S. C. Mining & Mfg. Co., Richmond, Va.
Consolidated Phosphate Co., Columbia, Tenn.
Coronet Phosphate Co. (Miners), 99 John, New York
Cummer Lumber Co. (Miners), H, St. James bldg, Jacksonville, Fla.
Export Phosphate Co., 87 Milk, Boston, Mass.
Federal Chemical Co., Louisville, Ky.
Florida Phosphate Mining Corp., Bartow, Fla.
Foote Mineral Co. (Imp. Apatite), 109 N. 19th, Phila., Pa.
Heller Jos. S. (Also Ground & Acid Phosphate Brokers), 62 William, New York
International Ag'l Corp. (Florida Land Pebble & Tennessee), 61 B'way, New York
Lang J. M. & Co., Savannah, Ga.
Marden, Orth & Hastings Co. (Miners), 136 Liberty, New York
Mutual Mining Co., Savannah, Ga.
Palmetto Phosphate Co., Keyser bldg, Baltimore, Md.
Peters, White & Co., 55 John, New York
Phosphate Mining Co. (Miners), 55 John, New York
Virginia-Carolina Chemical Co., Richmond, Va.
Williams Hardware Co. (Untreated Ground for Agricultural Purposes), 113 N Vermillion, Streator, Ill.

10829— Phosphine

Klipstein A. & Co. (Patent for Tanners), 644 Greenwich, New York

10830— Phosphor Bronze

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Manganese Bronze Co., Rhawn, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
Edna Brass Mfg. Co., Cincinnati, O.
Gilbert A. & Sons Brass Fdry. Co. ("Velox"), 4019 Forest Pk. bldg, St. Louis, Mo.
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
Hungerford U. T. Brass & Copper Co. (Sheets, Rods, Wire, etc), 80 Lafayette, New York
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Merchant & Evans, Washington av & 21st, Phila., Pa.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
New Era Mfg. Co. (White), Kalamazoo, Mich.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Seligman Arthur, 165 B'way, New York
Shimer, McGlynn & Co., 19th & Washington av, Phila, Pa.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.

10831—Phosphor Bronze Sheets

Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. 80 Lafayette, New York
Merchant & Evans, Washington av & 21st, Phila., Pa.
Phosphor Bronze Smelting Co. ("Elephant" Brand), 2200 Washington av. Phila, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Shimer, McGlynn Co., 19th & Washington av, Phila, Pa.
Stanford Rolling Mills Co., Inc., Springfield, Conn.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, and 43 No. 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

10832— Phosphor Copper

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Boron Products Co., Inc. (Boronic In Shot Form), Reading, Pa.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus Guaranteed" 5%, 10%, 15%), N. S. Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Pan American Smelting Works, Calyer & Moultrie, Brooklyn, N. Y.
Richards & Company, Inc. ("Star"), 192 Beverly, Boston, Mass.
Riverside Metal Co., Riverside, N. J.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
United States Reduction Co., E Chicago, Ind.

10833— Phosphor Tin

Ajax Metal Co., 46 Richmond, Phila., Pa.
Atkinson Co., Rochester, N. Y.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
Damascus Bronze Co. ("Damascus Guaranteed" 5%), N. S. Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Empire Metal Co., Syracuse, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
New Era Mfg. Co. (Improved Metallic Phosphoro), Kalamazoo, Mich.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Pan American Smelting Works, Calyer & Moultrie, Brooklyn, N. Y.
Ricards & Company, Inc. ("Star"), 192 Beerley, Boston, Mass.
Riverside Metal Co., Riverside, N. J.
Seligman Arthur, 165 B'way, New York
United States Reduction Co., E Chicago, Ind.

10834— Phosphorizers

Bartley Jonathan Crucible Co., Trenton, N. J.
Bridgeport Crucible Co., Bridgeport, Conn.
Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.

10835— Phosphorum Copper

Miller W. E. (Imported), 17 State, New York

10836— Phosphorus

American Phosphorus Co., 3rd & Dauphin, Phila., Pa.
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co. (For Phosphor Bronze, etc), 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Takamine Commercial Corp. (Imp. Red & Yellow Stick), 120 B'way, New York

10836a—Phosphorus (Oxychloride)

Secaw Chemical Co., Irvington, N. J.
Warner Chemical Co., 52 Vanderbilt av, New York

10836b—Phosphorus (Trichloride)

Secaw Chemical Co., Irvington, N. J.
Warner Chemical Co. 52 Vanderbilt av, New York

10836c—Photo Engravers' Supplies

American Brass Co. (Photo-Engraving for Half Tone Work), Waterbury, Conn.
For Branch Offices
See adv index at end of book
New York Engravers' Supply, 230 W 17th, New York
Rolled Plate Metal Co., 553 W 33rd, New York

10837—Photographers (Architectural)

Barnum Wm. T., 732 Federal, Chicago, Ill.
Chautauqua Photographic Co., Empire bldg, Pittsburgh, Pa.
Chicago Architectural Photographing Co., Marquette bldg, Chicago, Ill.
Johnston R. W., Studios, 241 5th av, Pittsburgh, Pa.
McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
Rockwood Photographer, 510 W 145th, New York
Taylor J. W., 537 S Dearborn, Chicago, Ill.

10838— Photol

Merck & Co., 45 Park pl, New York
Shimer & Co. Inc., 133H S 4th, Phila., Pa.

10838a— Phthalic Anthrydride

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Greeff R. W. & Co., 80 Maiden la, New York
Monsanto Chemical Works, 1800 S 2nd, St. Louis, Mo.
Rector Chemical Co., 2 Rector, New York
Reslow Chemical Co., Lyndhurst, N. J.
Walker Chemical Co., 804 Carson, Pittsburg, Pa.
Williamson & Co., 28 Burling Slip, New York
Youngstown Chemical Co., Youngstown, O.

10839— Photometers

American Meter Co. (Jet, "Sugg-Letheby" Style "B," Closed & Portable), 3113 N 17th, Phila., Pa.
Connelly Iron Sponge & Governor Co. "Jones" Jet), 227 Fulton, New York
Dwyer Machine Co., Lynn, Mass.
Foote-Pierson & Co. ("Matthews," "Sharp-Miller"), 160 Duane, New York
Leeds & Northrup Co. (Lamp Testing, "Reichsanstalt" Precision & Station), 4901 Stenton av, Phila., Pa.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Standard Calorimeter Co., East Moline, Ill.
Thompson-Levering Co. ("Peerless"); 325 Arch, Phila., Pa.

10840—Photo-Micrographic Apparatus

Bausch & Lomb Optical Co., Rochester, N. Y.
Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*

PHOTO-MICROGRAPHIC EQUIPMENT
FOR METALLOGRAPHY
Latest Improved Types
HOLZ & CO., Inc.
18 Madison Avenue - NEW YORK

Leitz Ernest (Imp), 30 E 18th, New York

10841—Physical Laboratory Apparatus

Gaertner Wm. & Co. (For Laboratories), 5345 Lake Park av, Chicago, Ill.
Griebel Instrument Co., Dept. H, Carbondale, Pa. *See adv index at end of book*
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.

10842— Pianos

Marked thus * also make Player Pianos
Marked thus † make Player Pianos only
See also Organs

CALIFORNIA.

SAN FRANCISCO—Fay Robert, 567 Valencia
Pierce Walter S. Co., 691 14th

CONNECTICUT.

DERBY—*Sterling Company
MERIDEN—*Wilcox & White Co.
NEW HAVEN—Mathushek Piano Mfg. Co. Shoninger B. Co.
SHELTON—*Huntington Piano Co.
STAMFORD—Kroeger Piano Co.
WEST HARTLAND—Hall Organ Co.

ILLINOIS.

CHICAGO—Bauer Julius & Co., 305 S Wabash av
Bent Geo. P. Co., 214 S Wabash av
Boller Piano Co., 2168 Milwaukee av
Brinkerhoff Piano Co., 209 S State
Bush & Gerts Piano Co., 1550 Dayton
*Cable Co., 301 S Wabash av
*Cable-Nelson Piano Co., 209 S State
Chickering Bros., 2250 S Park av
*Clark Melville Piano Co., 25 E Jackson blvd
Clemons C. B. Co., 1513 W Madison
*Decker Bros. Co., 1223 Miller
Detmer Henry, 158 S Wabash av
Gulbransen-Dickinson Co., 36 S State
*Kimball W. W. Co., 304 S Wabash av
*King Piano Co., 208 S La Salle
Leies J. & Son, 1956 Larrabee
*Lyon & Healy, 245 S Wabash av
*Marquette Piano Co., 2439 Wallace
Marshall Piano Co., 1510 N Dayton av
Morenus Piano Co., 342 W Huron
Nelson H. P .& Son Piano Co., 1254 Marianna
*Newman Brothers Co., 410 S Michigan av
Operator's Piano Co. (Electric), 16 S Peoria
Price & Teeple Piano Co., 218 S Wabash av
*Reed & Sons Piano Mfg. Co. 28 E Jackson blvd
Reichardt Piano Co., 1131 Milwaukee av
Schaeffer Piano Mfg. Co., 218 S Wabash av
Sherp B. & Sons, 2102 Clybourn av
Schulz M. Co. ("Schulz" & "Warner" Player), 711 Milwaukee av.
Seeburg J. P. Piano Co. ((Electric), 209 S State
†Singer Piano Mfg. Co., 238 S Wabash
Smith, Barnes & Strohber Co., 1872 Clybourn av
†Star Music Co. (Coin Operated), 9 E Harrison
Starck P. A. Piano Co., 208 S Wabash av
*Steger & Sons Piano Manfg. Co., 238 S Wabash av
*Story & Clark Piano Co., 317 S Wabash av
Tonk Mfg. Co., 1912 Lewis
Tryber Piano Co., 36 S State
Weber & Sons, 1256 Wellington av
Werner Piano Co., 1325 Milwaukee av
Williams Piano & Organ Co., 14 W Washington
*Wurlitzer Rudolph Co., 329 S Wabash av
CHICAGO HEIGHTS—*Hamilton Organ Co. (See Baldwin Piano Co., Cincinnati, O.)
DE KALB—*Clark Melville Piano Co. (See Chicago, Ill.)
ELGIN—*Engelhardt-Seybold Co.
*Seybold Piano & Organ Co.
GALESBURG—Wenzelman Gustave
KANKAKEE—*Schaeffer Piano Works (See Chicago, Ill.)
MOLINE—Peterson J. Co.
OREGON—*Schiller Piano Co.
OTTAWA—Johnson E. P. Piano Co.
*Western Cottage Piano & Organ Co.
ROCKFORD—Anderson G. A. Piano Co.
Ekroth Piano Co.
*Haddorff Piano Co.
*Schumann Piano Co.
ROCK ISLAND—†Artista Piano Player Co.
STEGER—Reed & Sons Piano Mfg. Co. (See Chicago, Ill.)

INDIANA.

BRAZIL—*Knight-Brinkerhoff Piano Co.
FORT WAYNE—Packard Piano Co.
HAMMOND—Straube Piano Co.
HUNTINGTON—*Schaff Bros. Co.
LA PORTE—*Cable Hobart M. Co.
MUNCIE—*Bell Bros. Piano Co.
NEW CASTLE—French Jesse & Sons Piano Co.
PERU—*Chute & Butler Co.
RICHMOND—*Starr Piano Co.

KENTUCKY.

DAYTON—*Harvard Piano Co. (See John Church Co., Cincinnati, O.)
LOUISVILLE—Adler Mfg. Co.
†Burke P. I. & Co.
†Green Piano Co.
Pilcher's Henry Sons

MAINE.

FOXCRAFT—Hughes & Son Piano Mfg. Co.

MARYLAND.

BALTIMORE—Shaw Piano Co., 1640 Gorsuch av
*Stieff Chas. M., 9 N Liberty

MASSACHUSETTS.

BOSTON—Bourne W. & Son
*Chickering & Sons, 791 Tremont
Emerson Piano Co., 560 Harrison av
*Everett Piano Co., Albany
*Hallet & Davis Piano CUo., 146 Boylston
*Ivers & Pond Piano Co., 114 Boylston
*Kraft, Bates & Spencer, 156 Boylston
Mason & Hamlin Co., 492 Boylston
*McPhail A. M. Piano Co., 120 Boylston
*Miller Henry F. & Sons Piano Co., 395 Boylston
*National Piano Co., 621 Albany
*Stieff Chas. M., 122 Boylston (See Baltimore)
*Vose & Sons Piano Co., 160 Boylston
CAMBRIDGE—Poole Piano Co.
FALL RIVER—Cote Piano Mfg. Co.
FRANKLIN—*Trowbridge Piano Co. (See Boston, Mass.)
LEOMINSTER—*Jewett Piano Co.
*Webster Piano Co.
NEEDHAM—Bourne Wm. & Son Piano Co.
PITTSFIELD—†Telelectric Co. (See New York City)
WORCESTER—†Simplex Player Action Co.

MICHIGAN.

ADRIAN—Clough & Warren Co.
DETROIT—Clough & Warren Co., 84 Broadway
GRAND HAVEN—*Story & Clark Piano Co. (See Chicago, Ill.)
GRAND RAPIDS—Manville J. A. National Piano Mfg. Co. (Coin Operated)
HOLLAND—*Bush & Lane Piano Co.
MUSKEGON—*Chase-Hackley Piano Co.
SAGINAW—*Germain Piano Co.
SOUTH HAVEN—*Cable-Nelson Piano Co. (See Chicago, Ill.)
*Melin-Winkel Piano Co.

MINNESOTA.

FARIBAULT—Schimmel & Co.
MINNEAPOLIS—Holland Pianos Mfg. Co.
ST. PAUL—Dyer W. J. & Bro.
Raudenbush & Sons Piano Co.
*Wick P. S. Co.

MISSOURI.

KANSAS CITY—†Berry-Wood Piano Player Co.
†Smith J. D. Piano Co.
ST. LOUIS—French Jesse Piano & Organ Co.

NEBRASKA.

COLUMBUS—Fontein M. H. Piano Co.
OMAHA—Schmoller & Mueller Piano Co.

NEW HAMPSHIRE.

HAMPTON—Brown Moses W. & Co.

NEW JERSEY.

NEWARK—*Lauter Co., 593 Broad
PATERSON—Paterson Piano Case Co.
RAHWAY—†Regina Co.
WASHINGTON—Cornish Co.
*Florey Bros.
WEST HOBOKEN—*Ronchi & Son
WOODBURY—*Blasius Piano Co.

NEW YORK.

ALBANY—*Boardman & Gray
AUBURN—*Wegman Piano Co.
BINGHAMTON—†Harris Player Piano Co.
BUFFALO—*Kurtzman C. & Co., 526 Niagara
JAMESTOWN—*Ahlstrom Piano Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Sterling Piano Co., 518 Fulton
*Wissner O., 55 Flatbush av

Boroughs of Manhattan and Bronx.

NEW YORK—†Aeolian Co., 29 W 42d
*American Piano Co., 439 5th av
Archer Piano Co., 549 W 52d
†Autopiano Co., 653 W 51st
†Autotone Player Piano Co., 542 W 52d
Bailey Piano Co., Whitlock & Leggett ave
Baldwin Piano Co., 665 5th av
Baumeister Piano Co., 549 W 52d
*Becker Brothers, 767 10th av
Behning Piano Co., 306 E 133d
Biddle Piano Co., 107 E 128th
*Bjur Bros., Whitlock & Leggett ave
*Bogart Piano Co. ("Bogart"), 9 Canal pl
*Bollermann Arthur M., 337 E 133d
*Brambach Piano Co., 643 W 49th
Braumuller Piano Co., 626 W 43d
*Byrne C. E. Piano Co., 231 E 41st
Cable & Sons, 550 W 38th
Cameron A. B. Piano Co., 267 E 133rd
Christman Piano Co., 597 E 137th
*Christman Sons, 35 W 14th
†Claviola Co., 520 W 48th
Connor Francis, 343 Lexington av
*Davenport-Treacey Piano Co., 518 W 55th
*Decker & Son, 701 E 135th
*DeRivas & Harris Mfg. Co., 138 Willow av
*Doll Jacob & Sons, 100 Southern blvd
Electrova Co., 117 Cypress av
Estey Piano Co., So. blvd & Lincoln av
Faber Piano Co., 351 Rider av
*Fischer J. & C. ("Fischer"), 417 W 28th
*Frederick Piano Co., 125 Cypress av
*Gabler Ernest & Bro., 347 Rider av
*Gordon Piano Co., 709 Whitlock av
*Haines W. P. & Co., 113 E 138th
*Hardman, Peck & Co., 433 5th av
*Harrington E. G. & Co., 433 5th av
*Hazelton Bros., 511 W 55th
*Howard R. S. Co., 485 E 133d
Jacob Brothers Co., 539 W 39th
*James & Holmstrom, 23 E 14th
*Janssen H., 82 Brown pl
*Keller Henry & Sons, Whitlock av & 156th
Kelso & Co., 16 Horatio
*Kindler & Collins, 520 W 48th
*Kirchhoff Piano Co., 250 E 139th
*Kohler & Campbell, 601 W 50th
*Krakauer Bros., 125 W 42d
*Kranich & Bach, 235 E 23d
*Laffargue Co., E 134th & Cypress av
Lawson Piano Co., 372 E 149th
*Lindeman & Sons Piano Co., 599 11th av
*Ludwig & Co., 136th & Willow av
Lurch Piano Co., 127 E 23d
*Mansfield Piano Co., Willow av & E 135th
Mason & Hamlin Co., 313 5th av
*Mathushek & Son Piano Co., 37 W 37th
Mehlin Paul G & Sons, 4 E 43d
*Meister Piano Co., 470 4th av
*Milton Piano Co., 772 12th av
Newby & Evans Co., So. blvd near E 136th
*Pease Piano Co., Leggett av & Barry
Pianista Piano Co., 614 W 51st
Radle F., 609 W 36th
Ricca & Son, 89 South blvd
*Rudolf Piano Co., 220 So. blvd
Schencke Piano Co., 245 E 137th
Schmidt-Dauber Co., 444 W 13th
*Schumann & Sons Piano Co., 229 E 41st
Shoninger B. Co., 505 5th av
Smith F. G., 115 B'way, New York
Sohmer & Co., 315 5th av
*Steck Geo. & Co., 605 E 132d
Steinway & Sons, 109 E 14th
*Stuyvesant Piano Co., 605 E 132d
†Tel-Electric Co., 229 5th av
Tonk Wm. & Bro., 456 10th av
*Warde Piano Co., 66 E 125th
*Waters Horace & Co., 134 5th av
*Weber Piano Co., 29 W 42d
Welte M & Sons, 667 5th av
*Weser Brothers, Inc., 524 W 43d
Weydig-Henkelman, Piano Mfg. Co., Inc., 406 W 14th
*Wheelock Piano Co., 605 E 132d
*Wing & Son 9th av & 13th
*Winter & Co., So. blvd & 137th
Winterroth & Co., 8 Union sq
*Wuertz O. W. Co., 1518 3d av
*Wurlitzer Rudolph Co. (Automatic), 115 W 40th

(End of New York City)

NORTH TONAWANDA—*Wurlitzer Rudolph Mfg. Co.
POUGHKEEPSIE—Welte M. & Son
ROCHESTER—Gibbons & Stone
Ropelt & Pritchard
ST. JOHNSVILLE—*Englehardt Piano Co.
WALTON—Munn Piano Co.
YONKERS—Steadman Frank

OHIO.

CINCINNATI—*Baldwin Co., 142 W 4th
Baldwin Piano Co., Gilbert av
Butler Bros. Piano Mfg. Co., 25 W McMicken av
*Cable Piano Co., 137 W 4th (See Cable Co., Chicago, Ill.)
Church John Co., 109 W 4th
Ellington Piano Co., Eden Park Entrance
Krell Piano Co., 9th & Harriet
Smith & Nixon Mfg. Co., 126 W 4th
Starr Piano Co., 27 W 4th
Steinway & Sons, 118 W 4th av
*Wurlitzer Rudolph Co., 121 E 4th av
CLEVELAND—Raymond Co., 5213 Windsor av, N E
COLUMBUS—Lindenberg Piano Co.
COSHOCTON—*Compton-Price Co.
MARION—*Ackerman Henry Piano Co.
MASSILLON—Bammerlin Oscar W.
Bammerlin Wm. A.
Meuser Brothers
NORWALK—*Chase A. B. Co.

OREGON.

PORTLAND—Reed-French Piano Mfg. Co.

PENNSYLVANIA.

EASTON—Keller William H. & Son
Lehr H. & Co.
ERIE—Felgemaker A. B. Erie Organ Co.
Tellers-Kent Organ Co.
HAZLETON—Kellmer Piano Co.
LEBANON—Johnson, Kirk & Co.
Miller Organ & Piano Co.
LESTER—Lester Piano Co.
PHILADELPHIA—*Blasius & Sons, 40 S 16th
*Cunningham Piano Co., 1101 Chestnut

PIANOS—continued
PENNSYLVANIA—Philadelphia—cont.
Haskell C. S., 1520 Kater
Heppe Christopher J. & Sons, 1117 Chestnut
Lester Piano Co., 1308 Chestnut
Ludwig Piano Co., 1103 Chestnut
Miller Henry F. & Sons Piano Co., 1105 Chestnut
Nittinger S., 1204 N 5th
Schoenhut A. Co. (Toy), **Adams & Sepviva**
Stetson N. & Co., 1111 Chestnut
Todd Harold B., 1431 Brown
PITTSBURGH—Frederick W. F. Piano Co., 635 Smithfield
Kleber Piano Co.,237 5th av
SCRANTON—Keller-Dunham Piano Co.
Vandyke Piano Mfg. Co
WARREN—Warren Piano Co.
YORK—*Weaver Piano Co. (Also Player Piano)

VERMONT.

BRATTLEBORO—Estey Organ Co.

WISCONSIN.

MARINETTE—Kreiter Mfg. Co. (See Milwaukee, Wis.)
MENOMONIE—Holland Piano Mfg. Co.
MILWAUKEE—Conrad Piano Mfg. Co., 264 N Water
Gram Edmund, 414 Milwaukee
Kreiter Mfg. Co., 1043 Winnebago
*Milwaukee Piano Mfg. Co., 270 W Water
Netzow C. F. Mfg. Co., 1st & Becker
*Waltham Piano Co., Becker av & 1st
SHEBOYGAN—*Miller S. W. Piano Co.

10843— Pickaroons

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Warren Axe & Tool Co., Warren, Pa.

10844— Pickers (Bean)

Bacon Mfg. Co., Pontiac, Mich.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

10845—Pickers (Coffee & Peanut)

Benthall Machine Co. (Peanut), 115 Shoop, Suffolk, Va.
Chattanooga Implement & Mfg. Co. (Peanut), Chattanooga, Tenn.
Heebner & Sons ("Little Giant" Peanut), Lansdale, Pa.
Lambert Machine Co., Marshall, Mich.
Southern Implement Mfg. Co., Dept. H, Columbus, Ga.

Pickers (Corn)

See Pickers & Huskers, Corn

10846— Pickers (Fruit)

Darby Edw. & Sons Co. ("Pennsylvania"), 412 N 18th, Phila., Pa.
Grimshaw, Young & Co., Lowell, Mass.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Komada Bros., 1008 Vine, Phila., Pa.
Parker Wire Goods Co. (Galvanized & Returned Wire), Worcester, Mass.
Royal Mfg. Co. 406 Commerce, Phila. Pa.
Wedmore D. A. & Co. ("Pennsylvania"), Camden, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woods-Sherwood Co. ("Peerless," "Perfect," Wire), Worcester, Mass.

10847— Pickers (Pea)

Gordon L. S. Elizabeth City, N. C.

10848—Pickers & Huskers (Corn)

Appleton Mfg. Co. ("Appleton-Goodhue"), Batavia, Ill.
Clark R. F. Mfg. Co., 169 N Jefferson, Chicago, Ill.
International Harvester Company of America (Inc.), ("Deering," "McCormick"), Harvester Building, Chicago, Ill.
Steiner August, Homewood, Ill.

10849— Pickets (Wire)

Cyclone Fence Co., Waukegon, Ill.
Stowell Co. The, So. Wilwaukee, Wis.

10849a— *Pickets (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Picks (Asphalt & Concrete)

See Picks, Mattocks & Grub Hoes

10850— Picks (Boiler)

Brewer Bros. Co. (Cast Steel), 2d & Somerset, Phila., Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., P

Picks (Clay)

See Picks, Mattocks & Grub Hoes

Picks (Coal)

See Picks, Mining

Picks (Coal Puncher)

See Picks, Mining Machine

Picks (Contractors')

See Picks, Mattocks & Grub Hoes)

Picks (Drifting)

See Picks, Mattocks & Grub Hoes

10851—Picks (Dutch Head & Point)

Hardsocg Mfg. Co., Ottumwa, Ia.

10852—Picks (Fireman's Truck)

Black John B. Co. ("Wm. Beatty & Sons"). Chester, Pa.

10853— Picks (Flax Tow)

Foster & Williams Mfg. Co., Racine, Wis.

10854— Picks (Hookaroon)

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Warren Axe & Tool Co. ("Bulldog"), Warren, Pa.

10855— Picks (Ice)

Arcade Mfg. Co. (Also Sliding Pick), Freeport, Ill.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Bradley G. W. Axe & Tool Mfg. Co. (Household), 119 Leonard, New York
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne W. G. Mfg. Co. ("Browne," Needle Pointed), Kingston, N. Y.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor" Ice Pick & Shaver Combined), Geneva, Ill.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Deuse J. S., Chester, Conn.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
General Phonograph Corp., 25 W 45th, New York
Gifford-Wood Co. (Splitting Awl, etc), Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Glendale Mfg. Co. (Three Prong), 1 Madison av, New York
Goodell-Pratt Co., Greenfield, Mass.
Hills Edwin, Plainville, Conn.
Landers, Frary & Clark (Steel Blade), New Britain, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
National Mfg. & Steel Supply Co. (& Shaver), 781 Summit, Newark, N. J.
Nicol & Co. (White City"), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Box 133, Newark, N. J. *See adv index at end of book*
Parkinson Edw. Mfg. Co. ("Royal," "Old Doctor"), 84 Sprague, Providence, R. I.
Potter Mfg.Co. (Steel, Wood Handle), Geneva, O.
Robinson M. W. Co., 296 B'way, New York
Rocky Hill Hardware Co. (Awls, Chisels & Picks), Rocky Hill, Conn.
Sargent & Co., New Haven, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Southington Hdwe. Co., Southington, Conn.
Stanley Rule & Level Plant ("Hurwood"), New Britain, Conn.
Stephens A. W. Mfg. Co. ("Acme"), Waltham, Mass.
Stevenson Mfg. Co. (Hickory Handle), South Bend, Ind. *See adv index at end of book*
Stortz John & Son, 210 Vine, Phila., Pa.
Stover Mfg. & Engine Co. ("Ideal") Freeport, Ill.
Swan Jas. Co., Seymour, Conn.
Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co. (Ice Awls), Brockton, Mass.
Vaughan Novelty Mfg. Co. ("Dandy" Steel), 711 Fulton Chicago, Ill.
White Ira F. & Son, Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hdwe. Co., Wrightsville, Pa.

Picks (Locomotive Coal)

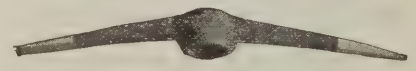
See Picks, Mattocks & Grab Hoes

10856—Picks, Mattocks & Grub Hoes

See also Picks, Mining

American Axe & Tool Co. (Adze Eye Pick, etc), Glassport, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Atlas Engineering Co., Lincoln, N. J.
Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
Beall Bros. (Solid Steel), Alton, Ill.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Boker Cutlery & Hardware Co. ("Alsteel"), 101 Duane, New York
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock C. K. Co., 1357H Ridge av, Phila., Pa.
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn.
Cronk & Carrier Mfg. Co. (Garden Mattocks & Grub Hoes Only), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Cushman Auto Tool Co., Champaign, Ill.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerber Louis & Son, 66 Water av, Pittsburgh, Pa.
Hardsocg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.
Higgins John C. ("Higgins"), 812 W Kinzie, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
Kern, Fleetwood, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mohr E. H., Vera Cruz, Pa.
Moyle E. H. Engng. & Equipt. Co. ("Moyle"), 508 E. 9th, Los Angeles, Cal.
Oliver Iron & Steel Co. (Pick & Long & Short Cutter), S 10th & Muriel, Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Sargent & Co., New Haven, Conn.
Sprout, Waldron & Co., Muncy, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
WARREN TOOL & FORGE CO., Warren, O. *See adv index at end of book*

PICKS



The Warren Tool & Forge Co.

Warren, Ohio, U. S. A.

WARWOOD TOOL CO., 19th, Warwood, Wheeling, W. Va.
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.

Picks (Mill)

See Picks, Mattocks & Grub Hoes)

10857— Picks (Mining)

American Axe & Tool Co., Glassport, Pa.
American Mining Tool Co. ("Scott," Cutting & Mining), Ottumwa, Iowa
Beall Bros. (Inc.) (Solid Steel), Alton, Ill.
Dooley Bros. (Jobbers), 1201 S Washington, Peoria, Ill.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill. *See adv index at end of book*
Gill Mfg. Co., Phillipsburg, Pa.
Hardsocg Mfg. Co. ("Black Diamond," Coal), Ottumwa, Ia.
Hardsocg Martin Co., 920 South av, Pittsburgh, Pa.
Hubbard & Co. (Coal, etc.), 63d & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co. ("Crown," "Imperial," for Coal), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Jesup F. W. & Co. Inc., 90 W B'way, New York
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co. (The), Leetonia, O. *See adv index at end of book*
Oliver Iron & Steel Co. (Coal, etc.), S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

Salem Tool Co. ("C. M. Day" Coal), Salem, O.
Union Drop Forge Co. (Solid Steel Forged), 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Warwood Tool Co. ("Warwood" & "Columbia" Coal Picks), Warwood, Wheeling, W. Va.
What Cheer Tool Co. ("What Cheer" Coal), What Cheer, Ia.

10858—Picks (Mining Machine)

Beall Bros., Alton, Ill.
Gerber Louis & Son, 66 Walter av., Pittsburgh, Pa.
Iron City Tool Works (Ltd.) (Coal or Puncher), 3201 Smallman, Pittsburgh, Pa.
Jesup F. W. & Co. Inc., 90 W B'way, New York
Pittsburgh Knife & Forge Co. (Puncher Picks), Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Valley Forging Co. (Puncher Picks), Verona, Pa.
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
Western Tool & Forge Co. (Puncher), Brackenridge, Pa.

10859— Picks (Peavey)

American Logging Tool Co., Evart, Mich.

Picks (Poll)

See Picks, Mattocks & Grub Hoes

Picks (Prospecting)

See Picks, Mattocks & Grub Hoes

Picks (Puncher)

See Picks, Mining Machine

Picks (Stone)

See Picks, Mattocks & Grub Hoes

Picks (Surface)

See Picks, Mattocks & Grub Hoes

Picks (Tamping)

See Picks, Mattocks & Grub Hoes

Picks (Tie)

See Picks, Mattocks & Grub Hoes

10860—Picks-Ups (Trolley Wire)

Electric Service Supplies Co. ("Improved St. Louis"), 17th & Cambria, Phila., Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book

10861—*Picric Acid Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Knight Maurice A., Akron, Ohio

10862—Picture Cable (Flexible Moving)

Driver-Harris Co., Harrison, N. J.
See adv index at end of book

10862a— *Picture Frames

Du Pont E. I. de Nemours & Co. Inc. (Pyrolin Div., "Pyrolin"), Wilmington, Del. *See adv index at end of book*
Leotaud A. B., 137H Glen, Glens Falls, N. Y.
Ullman Mfg. Co., 338 E 59th, New York

10862b—*Pieces (Wood Mouth)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10863— Piezometers

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

Pig Aluminum

See Ingots, Aluminum

Pig Copper

See Ingots, Brass & Copper

10864— Pig Forceps

Leavitt Mfg. Co. ("Dr. Leavitt"), Urbana, Ill.
Pratt Wm. E. Mfg. Co. ("Dr. Mendenhall's"), 35 W Lake, Chicago, Ill.

Pig Iron Mfrs.

See Blast Furnaces

10865—Pig Iron & Coke Dealers

See also Blast Furnaces

Addy Matthew Co., 1st National Bank bldg, Cincinnati, O.
American Rolling Mill Co. (Low Sulphur Pig), Middletown, Ohio.
Balfour, Guthrie & Co., 350 California, San Francisco, Cal.
Banning, Cooper & Co. (Ltd.), Oliver bldg, Pittsburgh, Pa.
Berger Aiken Coal Co., H, Oliver bldg, Pittsburgh, Pa.
Bourne-Fuller Co., Hickox bldg, Cleveland, O.
Breen Wm. J. Co. ("Sloss-Sheffield" Brands), 84 State, Boston, Mass.
Breitung E. N. & Co., Rockfeller bldg., Cleveland, O.
Brooks Clyde (Mfrs. Agent), Farmers Bank bldg, Pittsburgh, Pa.
Corrigan, McKinney & Co., Cleveland, O.
Cox Justice, Jr., & Co., Land Title bldg, Phila., Pa.
Crocker Bros., 21 E 40th, New York
Debevoise-Anderson Co., 56 Liberty, New York
Domhoff & Joyce Co., 4th & Elm, Cincinnati, O.
Eaton, Rhodes & Co., 1st Nat. Bank bldg, Cincinnati, O.
Fairbanks & Co., Wade bldg, Cleveland, Ohio
Gano, Moore & Co., Land Title bldg, Phila., Pa.
Hammond Byrd Iron Co., Birmingham, Ala.
Hanna M. A. & Co., Leader News bldg., Cleveland, O.
Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Horner W. S. & C., Oliver bldg, Pittsburgh Pa.
Iron Trade Products Co., H, Farmers Bank bldg, Pittsburgh, Pa.
Isham Phillips, 55 Liberty, New York
Law Ernest & Co., Harrison bldg, Phila., Pa.
McKeefrey & Co., Leetonia, O.
Matlack Coal & Iron Corp., 52 Vanderbilt av, New York
Meyer Wilson & Co. (Importers), 485H Calif., San Francisco, Cal.
Moffat Frank D. & Co., 81 Fulton, New York
Mohr J. J. & Son, Bullitt bldg, Phila., Pa.
Moreland A. M. & Co., Jenkins Arcade, Pittsburgh, Pa.
National Sales & Trading Co., Racine bldg, Cleveland, O.
Oglebay, Norton & Co., Wade bldg, Cleveland, O.
Park & Williams Inc. (Pig Iron), Real Estate Tr. bldg, Phila., Pa.
Pickands, Brown & Co., 332 S Michigan av, Chicago, Ill.
Pickands, Mather & Co., Western Reserve bldg, Cleveland, O.
Pierpiont, James & Sons Co., Franklin Trust bldg., Phila., Pa.
Pilling & Crane, Real Estate Trust bldg, Phila., Pa.
Pullman & Stevens, Penna. bldg, Phila., Pa.
Reilly Peabody Fuel Co., 1607H Oliver bldg, Pittsburgh, Pa.
Rogers, Brown & Co., 77-78 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shook & Fletcher Supply Co. (Pig Iron), Birmingham, Ala.
Snyder W. P. & Co., Oliver bldg, Pittsburgh, Pa.
Squier Ed. E. Co. (Coke), Federal Reserve Bank bldg), St. Louis, Mo.
Stewart Furnace Co., Rockefeller bldg, Cleveland, Ohio
Superior Charcoal Iron Co., Grand Rapids, Mich.
Tennant C. Sons & Co. of N. Y. ("Scotch" & "English" Pig Iron, Imp.), 100 William, New York
Walter-Wallingford & Co., Traction bldg, Cincinnati, O.
WIEMAN WILLIAM & CO., Union Arcade bldg, Pittsburgh, Pa.

10866— Pig Tails (Copper)

American Pig Tail Co., St. Marys, Pa.
Salem Electrical Supply Co., Salem, Mass.
Sofranscy H. Co., Allenton, Pa.

Pig Zinc

See Ingots, Zinc

Pigeons (Clay)

See Traps & Targets, Trap Shooting

10866a—*Pigeons (Wood-decoy)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10867— Pigments

Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.
Akron Pigment Co. (Alumina), Akron, O.
Doggett Stanley, 11 Cliff, New York
Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Lithopone, Dry Colors & Pigments Sec., Wilmington, Del.
See adv index at end of book
International Silica Co., Cairo, Ill.
Krebs Pigment & Chemical Co. (Lithopone), Newport, Del.
Scheel Wm. H. (White & Brown), 159 Maiden la, New York
See adv index at end of book
Smith J. Lee & Co. (Turkey Umber), 19 Jacob, New York
Tamms Silica Co. (Paint), Tamms, Ill.
Titanium Pigment Co. ("Titanox" Paint Pigment) Niagara Falls, N. Y.
Wetherill S. P. (White & Brown), Morris bl, Phila., Pa.

10868— Pigments (Rubber)

Doggett Stanley, 11 Cliff, New York.
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book

10869— Pigs (Nitre)

Pratt Engineering & Machine Co., Atlanta, Ga.

10870— Pile Driver Fittings

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

Pile Drivers (Pneumatic)

See Pneumatic Pile Drivers

10871—Pile Drivers (Railroad Car)

Browning Co., E 162d & Waterloo rd, Cleveland, O.
Bucyrus Co. (Locomotive), South Milwaukee, Wis.
Industrial Works, Bay City, Mich.
Toledo Foundry & Machine Co., Toledo, O.

Pile Drivers (Sheet)

See Pneumatic Pile Drivers

Pile Driving Contractors

See Dock Builders

10872— Pile Shoes

Channon Jas. H. Mfg. Co. (Points or Shoes), 227 W Erie, Chicago, Ill.
Gracey R. & Sons Co., 115 1st av, Pittsburgh, Pa.
Harry L. C. Co., 114 Liberty, New York
ridge, Buffalo, N. Y.
Hill Clutch Co., W 65th, Cleveland, O.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
McGookin D. H. & Co., 1630 N 9th, Phila., Pa.
Penn Seaboard Steel Corp., Franklin Bank bldg., Phila., Pa.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

10873— Piles (Cement)

Cranford Construction Co., Gerke bldg, Cincinnati, O.

10874— Piles (Concrete)

Carey Construction Co. (Engineers & Contractors), Cleveland, O.
Chesley, Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Cranford Construction Co., Gerke bldg, Cincinnati, O.
Cranford Paving Co., 2620 E N W Washington, D. C.
Cummings Structural Concrete Co. (Reinforced), Benedum Trees bldg, Pittsburgh, Pa.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.
Hill Clutch Co., W 65th, Cleveland, O.
MacArthur Concrete Pile & Foundation Co. (Pedestal), 120 Broadway, New York
Monks-Ripley Pile Co. ("Ripley" Combination Concrete & Wood), 32 Beaver, New York
RAYMOND CONCRETE PILE CO., 140 Cedar, New York
SIMMONS JOHN CO. (Pile Casings "Simmons"), 110 Centre, New York
See adv index at end of book
Simplex Concrete Piling Co. ("Simplex"), 3400 Disston, Phila., Pa.
Smith & Brennan Pile Co. (Reinforced, Corrugated), Main & Angelica, St. Louis, Mo.
Underpinning & Foundation Co. ("Hercules" Steel), 290 B'way, New York

Piles (Creosoted)

See Creosoting Works

10875—Piling (Interlocking Steel)

American Bridge Co., 30 Church, New York
BROWN & SITES CO., 30 Church, New York
Carnegie Steel Co. ("Friestedt" Interlocking Channel Bar, "United States"), Carnegie bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Sheet), Ross, Pittsburgh, Pa.
Lackawanna Steel Co. ("Lackawanna"), Buffalo, N. Y.
Mitchell-Tappen Co., 15 John, New York
Moore Bros. (Second Hand), 39 S La Salle, Chicago, Ill. *See adv index at end of book*

PILING (INTERLOCKING STEEL)—c't.
Wemlinger Steel Piling Co., 149 B'way, New York
Zelnicker Walter A. Supply Co. (Sheet Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Piling Lumber
See Ties, Poles & Posts

Piling (Sheet Steel)
See Piling, Interlocking Steel

10875a— *Pillars (Wood)
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Pillows (Air, Rubber)
See Cushions, Beds & Pillows, Air, Rubber

10876-7— Pilocarpine
Hoffmann-La Roche Chemical Works, 440 Washington, New York

10878— Pincers
Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Buffum Tool Co. ("Swastika" Blacksmiths,' Carpenters,' Farriers,' Clinching, etc), South Side, Louisiana, Mo.
Champion Tool Co. ("Maud-S," "Favorite" Farriers,' "Our Pride," Common & Hardware), Meadville, Pa.
Dicke Tool Co. (Farriers, etc), Downers Grove, Ill.
Emrich Phil (Tanners'), 824 Main, Cincinnati, O.
Enderes Inc. (10½", 8½" & 6½"), Albert Lea, Minn.
Gray Iron Foundry Co. (Plain & Nickel plated), Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffith Tool Works (Blacksmiths & Farriers, etc.), 521 Market, Phila., Pa.
Heller Bros. Co. (Blacksmiths & Farriers), 870 Mt. Prospect av, Newark, N. J.
Osborne C. S. & Co. (Saddlers), Box 183, Newark, N. J.
Reading Saddle & Mfg. Co. ("Reading Household), Reading, Pa.
Sargent & Co. (Carpenters, Horse Shoeing), New Haven, Conn.
Smith H. D. & Co. ("S," "H. D. S. & Co." Blacksmiths' Shoeing, Carpenters,' Farriers," Drop Forged), Plantsville, Conn.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Star Heel Plate Co., Wilson av, Newark, N. J.
Vaughan & Bushnell Mfg. Co. ("V. & B."), Drop Forged, Carpenters', Blacksmiths' Farriers'), 2114 Carroll av, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith," Blacksmiths & Farriers), Watertown, Wis.
Washington Tool Co. ("Larson" Combination, etc), Owatonna, Minn.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. (Carpenters, etc), Wrightsville, Pa.

10879—Pincers (Tanners' Tacking)
Emrich Phil., 824 Main, Cincinnati, O.
Osborn C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book

10879a—*Pinion Rod (Hobbed)
MEISSELBACH-CATUCCI MFG. CO., 56 Stanton, Newark, N. J.
See adv index at end of book

M-C GEARS PINION ROD
Gear Hobbing Machines
Meisselbach-Catucci Mfg. Co.
56 Stanton St., Newark, N. J.

Pinions
See Gears & Pinions

10879b— *Pinions (Bevel)
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book

10879c— *Pinions (Brass)
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book

10880—Pinions (Car Motor)
Bossert Corp., The, Cor. Linden & West av, Utica, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10881— *Pinions (Cut)
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
MEISSELBACH - CATUCCI MFG. CO. (Small), 56 Stanton, Newark, N. J.
See adv index at end of book

Pinions (Electric Railway)
See Gears & Pinions

10882—Pinions (Jewelers' Scale)
Bracher Co., Belleville, N. J.

10883—*Pinions (Made to Order)
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10884—Pinions (Mine Motor)
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Meachem Gear Corp., Syracuse, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10885—*Pinions (Mining Machine)
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10886—*Pinions (Pressed Steel)
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10886a— Pinions (Steel)
Atlantic Steel Casting Co., Chester, Pa.
Fulton Iron Works Co. (Also Iron), St. Louis, Mo. *See adv index at end of book*
MEACHEM GEAR CORP., Syracuse, N. Y.
See adv index at end of book
Penn Seaboard Steel Corp., Franklin Bank bldg., Phila., Pa.
Pollak Steel Co., Cincinnati, O.

Pinions (Rawhide)
See Gears & Pinions, Rawhide

Pinions (Rolling Mill)
See Gears, Mill

10887—Pins (Air Brake & Knuckle)
Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Champion Rivet Co., Harvard av & E 108th, Cleveland, O.
Cleveland City Forge & Iron Co., Cleveland, O.
Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa
Hubbard & Co. (Steel), 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Murial, Pittsburgh, Pa.
Otis, Spencer & Co., 80 E Jackson blvd, Chicago, Ill.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
St. Louis Screw Co. (Knuckle), Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Railway Equipment Co. (& Knuckle), Central Nat. Bank bldg, St. Louis, Mo.
Western Tool & Forge Co., Brackenridge, Pa.

10888— Pins (Belaying)
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Laughlin Thos. Co. (Wood, Brass & Galvanized), Portland, Me.
See adv index at end of book
McMillan's W. H. Sons, 153 South, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware-Euipment Co., South Portland, Me.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

10889— Pins (Bending)
Carver Tool Works, Spring Valley, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

10890— Pins (Blanket)
Consolidated Safety Pin Co., Bloomfield, N. J.
Kohler F. E. Co. ("Ideal"), Canton, O.
Oakville Co., Waterbury, Conn.

10891— Pins (Bowling)
See also Ten-Pins
Bogert & Hopper, 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Klumpp's John G. Sons, 13 Baxter, New York

10892— Pins (Brass, Dress, Etc.)
American Pin Co. ("Ampinco"), Waterbury, Conn.
Crescent Brass & Pin Co. (Bank & Office, Brass), 5766H Trumbull, Detroit, Mich.
National Pin Co. ("Captain"), Derby, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Oakville Co. ("Sovran"), Waterbury, Conn.
Star Pin Co. (Brass, Hair, etc), Derby, Conn.
Sterling Pin Co., Derby, Conn.

10893—Pins (Bricklayers' Line)
Brewer Bros. Co. (Wrought), 2d & Somerset, Phila., Pa.
Stortz John & Son, 210 Vine, Phila., Pa.

10894—Pins (Butchers' Block)
Brecht Co., 1201 Cass av, St. Louis, Mo.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Vaughan & Bushnell Mfg. Co. ("V. & B." (Wrought Steel), 2114 Carroll av, Chicago, Ill.

10895— Pins (Button Badge)
Oakville Co., Waterbury, Conn.

10896— Pins (Clamp)
Hubbard & Co. ("Peirce" for Crossarms), 63d & Butler, Pittsburgh, Pa.

10896a— *Pins (Clevis)
Townsend Co., New Brighton, Pa.
See adv index at end of book

10897— Pins (Clothes)
Blake & Johnson Co. (Special), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Campbell & Keppen, Lamont, N. Y.
Celluloid Co., 36 Washington pl, New York
Clark J. R. & Co. ("Hoyt's" Spring), 2d av N & Aldrich, Minneapolis, Minn.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Demeritt Co. ("Hold Fast" Spring), Waterbury, Vt.
Escanaba Mfg. Co., St. Louis, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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Mann Lewis M. & Son, West Paris, Me.
National Spring Clip Co. ("Moore's" Spring), Montpelier, Vt.
Northern Woodenware Co., Island Falls, Me.
Oval Wood Dish Co., Tupper Lake, N. Y.
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.
Richmond Cedar Wks. (Hardwood), Fulton, Richmond, Va.
Sonestown Mfg. Co., Williamsport, Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tennant Sherman (Est. of), Northville, N. Y.
U. S. Clothespin Co. ("Bull Dog Grip," "U. S." & "Putnam" Spring), Montpelier, Vt.
Weston Paper & Mfg. Co., Dayton, O.
Wire Hardware Co. ("No. 183" Spring), 6126 S La Salle, Chicago, Ill.

10897a— Pins (Cooperage)
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10897b— Pins (Cotter)

See also Cotters & Keys, Spring

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
Larkin J. K. & Co., 253 B'way, New York *See adv index at end of book*
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Pins (Coupling)

See Links & Pins, Coupling

10898— Pins (Crank)

Braeburn Steel Co., Braeburn, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Camden Forge Co. (Locomotive), Camden, N. J.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pollak Steel Co., Cincinnati, Ohio.

Pins (Curtain)

See Pins, Drapery

10899— Pins (Dowel)

See also Dowels, Various Kinds

AMERICAN STEEL & WIRE CO. (Barbed), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Atlas Tack Co., Fairhaven, Mass
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York *See adv index at end of book*
Bowen Corp. ("Winkley" Brass for Pattern Makers), Detroit, Mich.
Chain Products Co. (Brass), 3924 Cooper av, Cleveland, O.
ESTES E. B. & SONS (Wooden), 364 5th av, New York *See adv index at end of book*
Federal Malleable Co. ("Fraser" Malleable Iron Pattern Makers), West Allis, Wis.
Grayling Dowel Co., Grayling, Mich.
Hardware Supply Co., Grand Rapids, Mich.
Hickson-Roger Mfg. Co., Paragould, Ark.
Igoe Brothers (Barbed), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Kearsarge Peg Co., Bartlett, N. H.
Keystone Friction Hinge Co., Williamsport, Pa.
Kokomo Steel & Wire Co. (Barbed), Kokomo, Ind.
Milwaukee Tack Co., 37th & Wahl av, Milwaukee, Wis.
MORSE, FRANK W. (Smooth Grooved & Threaded Brass), 289 Congress, Boston, Mass. *See adv index at end of book*
Norton Iron Works (Barbed), Ashland, Ky.
Oliver Machinery Co. (Brass), Grand Rapids, Mich.
Parker Wire Goods Co. (Barbed), Worcester, Mass.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Rowe Henry Mfg. Co. (Wood), Newaygo, Mich.
Shanafelt Mfg. Co. (Brass & Wood), Canton, O.
South Bend Dowe Wks., South Bend, Ind.
STEVENSON MFG. CO. (Pointed & Spiral Grooved, etc), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stolz Jos. & Son Inc., 841 E 136th, New York
Townsend Co., New Brighton, Pa.
Wellman Products Co. (Pattern Makers', Wood & Metal), 1444 E 49th, Cleveland, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

10900— Pins (Drapery)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Gould-Mersereau Co., 52 W 38th, New York
Judd H. L. Co., 87 Chambers, New York
Turner & Seymour Mfg. Co., Torrington, Conn.

10901— Pins (Drift)

Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Buffum Tool Co. ("Swastika," Plumbers') South Side, Louisiana, Mo.
Channon Jas H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cleveland Punch & Shear Works Co. (Also Barrel, Flask, etc.), 3921 St. Clair av, N E, Cleveland, O.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co. (Structural Workers), Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Racky Albert C, 531 S 5th av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn av, Cleveland, O.
Vulcan Tool Mfg. Co., Quincy, Mass.
WHITMAN & BARNES MFG. CO., Akron, Ohio *See adv index at end of book*

10902— Pins (Gauge)

Megill Edward L. (For Platen Printing Machines), 60 Duane, New York bldg., Cincinnati, O.

10902a— Pins (Hair)

Allen McNerney & Co. (Horn), Attleboro, Mass.
Blodgett B. F. & Co. (Barrettes), Leominster, Mass.
Damon Co., (Horn), Leominster, Mass.
Earl W. D. & Co (Horn & Celluloid), Leominster, Mass.
Fitchburg Horn Goods Co. (Horn & Celluloid), Fitchburg, Mass.
Grote F. & Hubbell Co. (Ivory), 32 4th av, New York
Howe Comb Co. (Horn), Leominster, Mass.
Hump Hair Pin Mfg. Co., 1918 Prairie av, Chicago, Ill.
Leominster Shell Goods Mfg. Co. (Celluloid), Leominster, Mass.
Pacific Novelty Co. (Also Ornaments), 41 E 11th, New York
Queen Hair Pin Co. (Horn), Leonminster, Mass.
Rice & Hochester (Tortoiseshell), 37 5th av, New York
Smith & Sons Co., 200 5th av, New York
Star Pin Co., Shelton, Conn.
Sterling Pin Co. (Wire), Derby, Conn.

10903— Pins (High Tension)

Fletcher Mfg. Co., Dayton, O.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.

10904— Pins (Hinge)

Corbin Screw Corporation, New Britain Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Western Automatic Machine Screw Co., Elyria, O.

Pins (Horse Blanket)

See Pins, Blanket

10905— Pins (Husking)

See also Huskers & Shredders, Corn
Clark R. F. Mfg. Co., 169 N Jefferson, Chicago, Ill.
Clauss Shear Co., Fremont, O.
Decatur Novelty Wks. ("Hill"), Decatur, Ill.
Kees F. D. Mfg. Co., Beatrice, Neb.
Pratt Wm. E. Mfg. Co. ("The Pratt"), 35 W Lake, Chicago, Ill.
Wallingford Mfg. Co., Wallingford, Vt.

Pins (Insulator)

See Insulator Pins & Brackets

Pins (King)

See Bolts, King

10906— Pins (Knitting)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

Pins (Knuckle)

See Pins, Air Brake & Knuckle

10907— Pins (Ox Bow)

Sawyer O. C. ("Varnam"), Sharon, Vt.

10908—Pins (Picket or Tent)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Niagara Falls Metal Stamping Works (Picket & Tent), Niagara Falls, N. Y.
Oliver Iron & Steel Co. (Straight or Spiral), S 10th & Muriel, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stowell Co., The, So Milwaukee, Wis.

10909—Pins (Piston, Hardened & Ground)

Detroit Machine Tool Co. (Straight Cylindrical), 6545 St. Antoine, Detroit, Mich.
Detroit Screw Works, 348 Franklin, Detroit, Mich. *See adv index at end of book*

10910— Pins (Push)

Moore Push Pin Co. ("Moore"), 133 Berkley, Phila., Pa.
Rosti-Hunt Corp. ("Hunt"), Putnam, Conn.

10911— Pins (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Clipper Belt Lacer Co. (Twisted 12 inches long), 974 Front av N W, Grand Rapids, Mich.
Simmons Mfg. Co. ("Twisted"), 77 & Lyons av, Phila., Pa.

10912— Pins (Reach)

Harvey Spring & Forging Co., Racine, Wis.

10913— Pins (Rolling)

Bogert & Hopper Inc. (Wooden) (Bread & Cake, etc.), 57 Barclay, New York *See adv index at end of book*
Chapman-Sargent Co. (Solid Handle, Revolver, etc), Piqua, O.
Cummer Mfg. Co., Cadillac, Mich.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Detroit Machine Tool Co. (Valve, Straight Cylindrical, Hardened & Ground), 6545 St. Antoine, Detroit, Mich.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Getz M. & Co., 162 First, San Francisco, Cal.
Imperial Mfg. Co. ("Imperial Crystal," "White Opalite"), Cambridge, Ohio
Prouty C. & Co., Eldred, Pa.
Richardi & Bechtold, Bellaire, Mich.
Silver & Co., 308 Hewes, Brooklyn, N. Y.
Sommer Jno. Faucet Co. (Wooden), 30 Morris av, Newark, N. J.
Stevenson Mfg. Co. (Wooden) (Bread, Cake, etc.), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Thurman Mfg. Co., Madera, Cal.

10914— Pins (Safety)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Consolidated Safety Pin Co. ("Stewart," "Consapico," "Duplex"), Bloomfield, N. J.
Francis Mfg. Co., Niagara Falls, N. Y.
Judson Pin Co., Rochester, N. Y.
Kelly F. Co., Derby, Conn.
Oakville Co. ("Clinton," "Damascus," "Treasure," "Defender"), Waterbury, Conn.
Seymour Metal Goods Co., Seymour, Conn.

10915— Pins (Sash)

See Nails, Wire
Kearsarge Peg Co. (Wood), Bartlett, N. H.
Pierce W. E. & Co. (Wood), Milford, N. H.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wickwire Spencer Steel Corp., South Bend, Ind. *See adv index at end of book*
Wire Goods Co. (Barbed), Worcester, Mass.

10916— Pins (Special)

Blake & Johnson Co. (Aluminum & German Silver), 1590 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Titchener-Diehl Co. (Shelf), 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

10917— Pins (Stove Door)

Corbin Screw Corporation ("Kuhn's"), New Britain, Conn.
Ohio Nut & Bolt Co., Berea, O.
Wehrle Co., Newark, N. J.

10918— Pins (T)

Oakville Co., Waterbury, Conn.

10919— Pins (Taper)

Armstrong G. R. Mfrs. Supplies, Inc., 252 Franklin, Boston, Mass.
Babson Dow Mfg. Co., 60 Fulda, Boston, Mass.
Brown & Sharpe Mfg. Co. (Tool Steel), Providence, R. I.
Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Gary Screw & Bolt Co. (Steel), Gary, Ind.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.

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Justrite Mfg. Co. ("Justrite"), 2064 Southport av, Chicago, Ill.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Acme Co. (Standard Steel), 7500 Stanton av, S E, Cleveland, O.
National Sewing Machine Co., Belvidere, Ill.
Pawtucket Mfg. Co., Pawtucket, R. I.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co. (Steel), Preble av, Pittsburgh, Pa.
Pratt & Whitney Co. (Steel), Hartford, Conn.
St. Louis Screw Co. (Steel), Clarence & Bulwer avs, St. Louis, Mo.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa.
Standard Tool Co., 6700 Central av, Cleveland, O.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Union Engng. Co. (Automatic), Hartford, Conn.
U. S. Automatic Co., Amherst, O.
Western-Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

10920— Pins (Telegraph)

Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Hubbard & Co. (Steel), 63rd & Butler, Pittsburgh, Pa.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.

10920a— Pins (Thole)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10921—Pins (Track & Interlocking Channel)

Bryant Zinc Co., 600 Orleans, Chicago, Ill.

10922—Pins (Trolley Wheel Axle)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

10923— Pins (Truss)

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.

10924— Pins (Tub)

Bliss Bros., 170 Commercial, Boston, Mass.

10925— Pins (Turn)

Bogert & Hopper Inc. (Plumbers), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wooden or Plumbers), 364 5th av, New York
See adv index at end of book
Frary Mfg. Co., Charlemont, Mass.
Standard Turning Works (Wooden), Cambridge, Mass.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stossel Carl Sons & Co., Front Royal, Va.

10925a— Pins (Wood)

Basic Mfg. Co., Wilmington, Del.
Bissell F. Co. (For Cross Arms), Toledo, O.
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Framing, Saddle, Shelf, Tackle Block & Thole), 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co. (Locust), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

10926— Pins (Wool Comb)

Dean John M. Corp., Putnam, Conn.

10927— Pipe (Acid Proof)

Acid Proof Iron Products Co., Inc., 49 Herman, Newark, N. J.
Baltimore Tube Co., Baltimore, Md.
Duriron Castings Co. ("Duriron"), Dayton, O.
General Ceramics Co., 50 Church, New York
General Phonograph Corp., 25 W 45th, New York
Knight Maurice A. (Acid Roof Stoneware), Akron, O.
Thermal Syndicate, Ltd. (Fused Silica, Plain Socket), 59 E 41st, New York
United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.

10927a— Pipe (Air Brake)

Byers A. M. Co., 235 Water, Pittsburgh, Pa.
Reed Manfg. Co. ("Reed"), Dept. H, Erie, Pa.

Pipe (Aluminum)

See Tubing, Aluminum

10927b— Pipe (Ammonia)

Byers A. M. Co. (Genuine Wrought Iron), 235 Watter, Pittsburgh, Pa.

10928— Pipe (Asphalted)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
National Tube Co. ("National"), Frick bldg, Pittsburgh, Pa.

10929— Pipe Bends & Coils

Albright Son & Co. (Wrought Iron), Allentown, Pa.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa
AMERICAN TUBE & PIPE BENDING CO., THE, 880 E 72nd, Cleveland, O.
See adv index at end of book
ATLAS COPPER & BRASS MFG. CO. (Copper Bends), 2734 High, Chicago, Ill. *See adv index at end of book*
BALLWOOD CO., 30 Church, New York
See adv index at end of book
Best Co., Arrott bldg., Pittsburgh, Pa.
Boston Copper Works Co., E Boston, Mass.
Brunswick Refrigerating Co., New Brunswick, N. J.
CAMDEN COPPER WORKS (Copper & Brass), 559 S 2nd, Camden, N. J.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbus Iron Works, Columbus, Ga.
Cornell & Underhill, Greenwich & Spring, New York
Cox J. Fillmore Engng. & Tube Bending Machine Wks., Bayonne, N. J.
CRANE CO., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Cressman N. C. Co., Drexel bldg, Phila., Pa.
DAHLQUIST MFG. CO., 40 W 3d, So Boston, Mass. *See adv index at end of book*
Detroit Shipbuilding Co. (Brass Dept.), (Copper), ft. Orleans, Detroit, Mich.
Deuel Chas. C. Co., 75 Jones, Detroit, Mich.
Dougherty M. J. Co., No. American bldg., Philadelphia, Pa.
Empire Pipe Corp. (Iron Pipe), 253 Park av, Brooklyn, N. Y.
Ford & Kendig Co., 1428H Callowhill, Phila., Pa.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book

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Harris Arthur & Co. (Copper), 212 N Curtis, Chicago, Ill.
See adv index at end of book
HARRISBURG PIPE & PIPE BENDING CO. (Iron, Copper & Brass), Herr nr. 10th, Harrisburg, Pa.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Imperial Brass Mfg. Co. (Brass & Copper), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Industrial Steel & Brass Corp., 602 W Lake, Los Angeles, Cal.
Industrial Welding Co., 207 Guilford av, Baltimore, Md.
KELLOGG M. W. CO., 90 West, New York *See adv index at end of book*
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Krenz Oscar Copper & Brass Wks., 612 Bryant, San Francisco, Cal.
Langsenkamp F. H., Indianapolis, Ind.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Lewis Joseph E., 1218 Warner, Baltimore, Md.
Limbert Geo. B. & Co., 558 Fulton, Chicago, Ill.
Locomotive Superheater Co. ("Elesco"), 17 E 42nd, New York
Los Angeles Valve & Fittings Co., 2741 Compton, Los Angeles, Cal.
Lumsden & Van Stone Co., Dorchester, Boston, Mass.
Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.
Nason Mfg. Co., 71 Fulton, New York
National Pipe Bending Co. (Brass, Iron & Copper), New Haven, Conn.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Philadelphia Pipe Bending Co. (Coils), 4135 N 5th, Phila., Pa.
Pipe Coiling, Bending & Welding Co., Arrott bldg, Pittsburgh, Pa.
Pipe & Tube Bending Corp. of Am., 38H Grafton av, Newark, N. J.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co. (Bends), 26th & A. V. R. R., Pittsburgh, Pa.
POWER PIPING CO., Beaver & Western av, Pittsburgh, Pa.
Rempe Co. (Wrought Iron), 341 N Sacramento av, Chicago, Ill.
Schaefer E. (Coppered Iron Coils), 1320-22 N 5th, Phila., Pa.
Shaw Benj. F. Co., Wilmington, Del.
Shaw-Kendall Engineering Co., Toledo, O.
SIMMONS JOHN CO. (Iron Coil), 110 Centre, New York
Simmons Pipe Bending Works, Newark, N.J.
Skinner M. B. Co. ("Rex"), 562 W Washington, Chicago, Ill.
Taylor Geo. Brass & Bronze Works, 22 Cherry, New York
Triumph Ice Machine Co. (Iron Coils), Oakley, Cincinnati, O.
Vilter Mfg. Co. (Iron Coils), 1046 Clinton, Milwaukee, Wis.
See adv index at end of book
Vogt Henry Machine Co., Inc., Louisville, Ky.
Whitlock Coil Pipe Co. (Iron, Brass & Copper), Hartford, Conn.
Winkelman Louis & Co., 213 Lawrence, Cincinnati, O.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book
Young Bros. Co., 666 Mack, Detroit, Mich.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

10930— Pipe (Block Tin)

See also Lead Pipe & Sheet & Pig Lead
American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Chadwick-Boston Lead Co., Boston, Mass.
Eagle Picher Lead Co., The, 208 S. La Salle, Chicago, Ill.
Lissberger, Marks & Son, 281 Borden av, Long Island City, New York
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
1695 Jos. Campau, Detroit, Mich.
National Lead Co., 111 B'way, New York
National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Raymond Lead Works, 735 S Washtenaw av, Chicago, Ill.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rochester Lead Works, Rochester, N. Y.
Selby Smelting Works, 201 1st, San Francisco, Cal.
Standard Rolling Mills, 363 Hudson av, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
Wensley Metal Products Co., Denver, Colo.
Wheeler Condenser & Engng. Co., ("Crescent" Brand), W. Carteret, N. J.
See adv index at end of book
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

10930a— *Pipe (Brass)

AMERICAN BRASS CO. (Also Benedict Nickel), Waterbury Conn.
For branch offices see adv index at end of book
American Tube Works, 10 Oliver, Boston, Mass.
BALTIMORE TUBE CO., Wicomico & Ostend, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Cleveland Brass & Copper Mills (Inc.), Euclid, O.
Hungerford U. T. Brass & Copper Co. (Brass & Copper), 80 Lafayette, New York
Klenke F. J. Co. ("Diamond K"), Sharon, bldg, San Francisco, Cal.
Randolph-Clowes Co., Waterbury, Conn.
Wheeler Condenser & Engineering Co. ("Crescent" Brand), W. Carteret, N. J.
See adv index at end of book

10931—Pipe (Brass or Copper Lined)

Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
United Lead Co., 111 B'way, New York
United Lined Tube & Valve Co. (Brass), 180 Franklin, Boston, Mass.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book

Pipe (Cast Iron)

See Cast Iron Pipe Manufacturers, Gas & Water; also Cast Iron Soil Pipe Manufacturers

10932—Pipe (Cast Iron Drain or Culvert)

American Road Machinery Co., Kennett Square, Pa.
Galion Iron Works & Mfg. Co., Galion, O.

10933—*Pipe (Cast Iron, High Pressure)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10934—Pipe (Cast Iron, Lock Joint)

American Casting Co. ("National"), Birmingham, Ala.

10935— Pipe (Cast Steel)

Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.

10936— Pipe (Cement)

Concrete Products Co., Diamond Bk. bldg, Pittsburgh, Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Massey Concrete Products Co. (Plain & Reinforced, all sizes), H, Peoples Gas bldg, Chicago, Ill.
Pierce Mfg. Co., 785 Housatonoc av, Bridgeport, Conn.

Pipe Coils

See Pipe Bends & Coils

10936a— Pipe Copper

AMERICAN BRASS CO. (& Copper), Waterbury, Conn.
For branch offices see adv index at end of book
Badger E. B. & Sons Co., 75A Pitts, Boston, Mass.
See adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Roos Chas. A., 429 E 91st, New York
Simmons John Co., 110 Centre, New York
See Adv index at end of book
Wheeler Condenser & Engineering Co. ("Crescent" Brand), W. Carteret, N. J.

Pipe Coverings

See Pipe & Boiler Coverings, Various Kinds

Pipe (Culvert, Metallic)

See Culverts, Road

10936b— Pipe (Culverts)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Concrete Products Co., Diamond Bk. bldg., Pittsburgh, Pa.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Fisher, C. U., 52H Broadway, New York
Gelsen L. S. & Son, Fillmore, N. Y.
Lock Joint Pipe Co. (Reinforced Concrete), East Orange, N. J.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Massey Concrete Products Co., Dept. H, Peoples Gas bldg, Chicago, Ill.
Newport Culvert Co., Newport, Ky.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Spokane Culvert & Tank Co., Spokane, Wash.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

10937— Pipe (Dredge & Pontoon)

Associated Well Supply Co., Inc., 111 Broad, New York
See adv index at end of book
Dixie Culvert & Metal Co., Atlanta, Ga.
Hartley Boiler Works, Montgomery, Ala.
McNamara Bros. Co., Westport, Baltimore, Md.
Machold & Riddell, Stephen Girard bldg, Phila., Pa.
Montague Pipe & Steel Co., Hobart bldg, San Francisco, Cal.
New Bern Iron Works & Supply Co., New Bern, N. C.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Southern Boiler & Tank Wks., Memphis, Tenn.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Pipe (Dredging, Lap Welded Steel)

See Pipe, Lap-Welded Steel

10938—Pipe (Dredging, Slip Joint)

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Pipe (Drive)

See Pipe & Tube Mills

10939— Pipe (Enameled Iron)

Central Tube Co., 1st National Bank bldg, Pittsburgh, Pa.
Mark Mfg. Co., Evanston, Ill.

10939a— *Pipe (Ensilage)

Robertson Bros. Mfg. Co., 5405 S Western blvd, Chicago, Ill.
See adv index at end of book

10939b— *Pipe (Fibre)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Colonial Supply Co. ("Bermico"), Pittsburgh, Pa. *See adv index at end of book*
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Ogden Sewer Pipe & Clay Co., Ogden Utah
San Antonio Sewer Pipe Works, San Antonio, Tex.
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.

10940—Pipe (Flange, Flexible Joint)

United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

10941—Pipe (Flanged, for High Pressure)

BALLWOOD CO., THE, 30 Church New York *See adv index at end of book*
Kellogg M. W. Co., 90 West, New York *See adv index at end of book*
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Lynchburg Foundry Co., Lynchburg, Va.
National Supply Co., Union B'k bldg, Pittsburg, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
POWER PIPING CO., Beaver & Western av, Pittsburgh, Pa.
Scranton Pump Co., Scranton, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitlock Coil Pipe Co. ("Whitlock" Double Lap Joint), Hartford, Conn.

Pipe (Flue)

See Pipe, Sewer

Pipe (Furnace)

See Furnace Pipe & Fixtures

Pipe (Galvanized Iron)

See Pipe & Tube Mills

10941a—Pipe (Gas, Water & Casing)

Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

10941b—Pipe-Gas (Wrought Iron)

Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
Fisher C. W., 52H Broadway, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*

10941c—Pipe (Glass Enameled)

See also Tubing (Glass)

Elyria Enameled Products Co., Elyria, O.

10941d—Pipe Headers (Welded)

BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
POWER PIPING CO., Beaver & Western av, Pittsburgh, Pa.

10941e—Pipe (High & Low Pressure Systems)

Byers A. M. Co., 235 Water, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Constr. Co., 26th & A. V. R. R., Pittsburgh, Pa.
U S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

10942— Pipe (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Ballwood Co. (The), (with Flanges), 30 Church, New York *See adv index at end of book*
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Lock Joint Pipe Co. (Reinforced Concrete), East Orange, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
Nason Mfg. Co., 71 Fulton, New York
National Tube Co. ("National," for High Pressure, Oil & Natural Gas Lines), Frick bldg, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Union Iron Works, Spokane, Wash.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

10943—Pipe (Hydraulic, Steel Riveted)

AMERICAN SPIRAL PIPE WORKS ("Taylor's"), Chicago, Ill., & 50 Church, New York *See adv index at end of book*
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
DOVER BOILER WORKS, Sales Office, 40 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind. *See adv index at end of book*
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bk bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Shaw Benj. F. Co., Wilmington, Del.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

10943a— *Pipe (Iron & Steel Jobbers)

LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*

10943b— Pipe (Irrigation)

Cal. Brick Co., 604 Mission, San Francisco, Cal.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Continental Pipe Mfg. Co., Seattle, Wash.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
McNamara Bros. Co., Westport, Baltimore, Md.
Ogden Sewer Pipe & Clay Co., Ogden Utah
San Antonia Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Co., Birmingham, Ala.
Spokane Culvert & Tank Co., Spokane, Wash.
Standard Sewer Pipe Co., Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Pipe Joint Paste

See Cements, Pipe Joint

10944—Pipe (Lap-Welded Steel)

AMERICAN SPIRAL PIPE WORKS ("American," 12 to 72 in. in diameter), Chicago, Ill. *See adv index at end of book*
American Welding Co. (Large Size Water Pipe), Carbondale, Pa.
Ballwood Co., The, 30 Church, New York *See adv index at end of book*
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Iron Trade Products Co., Farmers B'k bldg, Pittsburg, Pa.
KELLOGG M. W. CO. 90 West, New York *See adv index at end of book*
Manitowoc Engineering Wks., Manitowoc, Wis.
Viethardt Steel & Metal Corp., 15 Park row, New York
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
YOUNGSTOWN SHEET & TUBE CO. (Iron & Steel Pipe, from ⅛ to 20 in. Black & Galvanized Merchant, Oil Well Casing, Tubing, Drive Rotary Drill Line Pipe, Signal Pipe, etc., "Youngstown"), Youngstown, O.

10945— Pipe (Lead)

American Lead Co. (Also Antimonial), 3116 Penn av, Pittsburgh, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Charleston Lead Works, Charleston, S. C.
Detroit Lead Pipe Works, Detroit, Mich.
Du Bois Fred'k N. & Co., 247 9th av, New York
Eagle Picher Lead Co., The, 208 S La Salle, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Gibson & Price Co., Swetland bldg, Cleveland, O.
Johnson J. D. Co., 43 Boerum pl, B'klyn, N. Y.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Lawrence Shot & Lead Co. ("Omaha"), Omaha, Neb.
Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
McDonald James & Sons Co., 9th & Sycamore, Cincinnati, O.
National Lead Co., 111 B'way, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Northwestern Shot & Lead Works, 90 Fairfield av, W, St. Paul, Minn.
Phillips Lead & Supply Co., 91 S Main, Providence, R. I.
Raymond Lead Wks., 735 S Washtenaw av, Chicago, Ill.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rochester Lead Works, Rochester, N. Y.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Selby Smelting Works, 201 1st, San Francisco, Cal.
Sportsman's Shot Wks., Court & Harriet, Cincinnati, Ohio
Tillinghast L. H. Supply Co., 162 Dorrance, Providence, R. I.
Union Smelting & Refining Co., Inc., St. Charles, Newark, N. J.
United Lead Co., 111 B'way, New York
Wensley Metal Products Co., Denver, Colo.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

10946— Pipe (Lead Lined)

Abernethy John F., 703 Myrtle av, B'klyn, N. Y.
Badger E. B. & Sons Co., 75 A Pitts, Boston, Mass. *See adv index at end of book*
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.
Lead Lined Iron Pipe Co. (Iron & Brass), Wakefield, Mass.
UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y. *See adv index at end of book*

10947—Pipe (Lead, Tin Lined)

See also Lead Pipe & Sheet & Pig Lead

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Chadwick-Boston Lead Co., Boston, Mass.
National Lead Co., 111 B'way, New York
Rochester Lead Works, Rochester, N. Y.
United Lead Co., 111 B'way, New York

10948— Pipe (Lidded)

Bannon P. Pipe Co. ("Bannon's" for Steam Conduits), Louisville, Ky.

Pipe Line Supplies

See Specific Article Required

10948a— Pipe (Lined)

See also Pipe & Tube Mills

Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*

10949—Pipe (Lock Bar, Steel)

Gillespie T. A. Co., 50 Church, New York

10949a— Pipe (Lock Seam)

Robertson Bros. Mfg. Co. (2 in. to 16 in. diameter, 16 gauge & lighter, made Round & Uniform Lengths, 10 ft. & Shorter, Slip Joint or Flanges), 5405 S Western blvd, Chicago, Ill. *See adv index at end of book*

10950—Pipe (Lock Seam Riveted)

ROBERTSON BROS. MFG. CO. (Irrigation, Dredging & Pressure Pipe, Black or Galvanized), 5405 S Western blvd, Chicago, Ill. *See adv index at end of book*

10951— Pipe Lowerers, Lifters & Holders

Love M. A. Mfg. Co., Rockford, Ill.
Mark Mfg. Co., Evanston, Ill.
Trahern Pump Co., Rockford, Ill.
Ward Pump Co., Rockford, Ill.

ROBERTSON BROS. MFG. CO.
5405 South Western Boulevard, Chicago
PIPE
Spiral Lock Seam Pressure
Sizes 6" to 24" diameter, No. 10 Gauge and lighter, Asphalted or Galvanized after formation.

10952—Pipe (Machine Riveted)

Robertson Bros. Mfg. Co. (Straight Riveted Pipe & Elbows, 4 to 15 inch in Diameter, in 10-foot lengths), 5401 S. Western av., Chicago, Ill.
See adv index at end of book
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

10953— *Pipe (Plates)

Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*

10954—Pipe (Punched & Formed Sheets)

Graver Wm. Tank Works, E. Chicago, Ill.
See adv index at end of book
Shaw Benj. F. Co. ("Shawco" Bell Turned & Recessed Joint), Wilmington, Del.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book

10955—Pipe (Reinforced Concrete)

Concrete Products Co., Diamond B'k bldg, Pittsburgh, Pa.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Gelsen L. S. & Son ("Gelsen"), Fillmore, New York
Jacksonville Concrete Products Co., 630 Riverside av, Jacksonville, Fla.
Lock Joint Pipe Co. (Lock-Joint" System of Continuous, 12 to 108 Inches), East Orange, N. J.
Western Pipe Steel Co., 444 Market, San Francisco, Cal.
Weston & Brooker Co., Columbia, S. C.

10956-7-8—Pipe (Riveted Steel)

ABENDROTH & ROOT MFG. CO. (Straight Seam & "Root" Spiral), Newburgh, N. Y.
See adv index at end of book
American Steel Pipe & Tank Co., 608 S Main, Los Angeles, Cal.
Baker Iron Wks., Los Angeles, Cal.
BIGGS BOILER WORKS CO., Case av, & Williams, Akron, O.
See adv index at end of book
Blaw Knox Co., Freeport rd, Hoboken, Pa.
Cambria Steel Co. (3 to 9 ft Diam. up to 30 ft in Length), **Widener bldg, Phila.,** Pa.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Columbiana Boiler Co., Columbiana, O.
CONNERY & CO. INC., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Consolidated Pipe Co., Los Angeles, Cal.
DOVER BOILER WORKS, Sales Offices: 40 Church, New York. Works: Dover,
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gillespie T. A. Co., 50 Church, New York,
Graver Corp., East Chicago, Ind.
See adv index at end of book
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
Hammond Iron Works (Over 20 inches Diameter), Warren, Pa.
See adv index at end of book
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Heggie Jas. G. & Sons, Joliet, Ill.
Hindley & Pendelton Co., 74 Greenpoint av, Brooklyn, N. Y.
Hodge Boiler Works, 99 Summer, E, Boston, Mass.
Hydraulic Supply Mfg. Co. (For Mining, Irrigation & Power Plants), **Seattle,** Wash.
Keller E. Co., Williamsport, Pa.
King Bridge Co., Cleveland, O.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacy Mfg. Co., Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Leffel Jas. & Co. (For Own Use), East St. Springfield, O.
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Long Walter Mfg. Co., 1312 Muriel, Pittsburgh, Pa.
McAleenan Boiler Co., Peoria, Ill.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Machold & Riddell, Stephen Girard bldg, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Marinette Boiler Wks. (For Hydroelectric Plants), Marinette, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Michelmann Steel Construction Co., Quincy, Ill.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Mitchell-Tappen Co., 15 John, New York
Montague Pipe & Steel Co., Hobart bldg, San Francisco, Cal.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
New York Central Iron Works Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Quaker City Iron Works (Dredge & Pontoon), **Tioga & Richmond, Phila., Pa.**
Quintard Iron Works Co., 742 E 12th, New York
Reeves Bros. Co., Alliance, O.
See adv index at end of book
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Robertson Bros. Mfg. Co. (Black or Galvanized 4 in. Diameter & Larger, ¼ in. Plate & Lighter), 5405 S Western blvd., Chicago, Ill. *See adv index at end of book*
Sacramento Pipe Works, Sacramento, Cal.
San Francisco Bridge Co., Nevada Bank bldg, San Francisco, Cal.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Schaw-Batcher Co., Sacramento, Cal.
Shaw Benj. F. Co., Wilmington, Del. land, Pa.
Smith S. Morgan Co., York, Pa.
See adv index at end of book
Southern Boiler & Tank Works, Memphis, Tenn.
Spokane Culvert & Tank Co., Spokane, Wash.
Standard Boiler & Plate Iron Co., Niles, O.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Tex.
Toledo Metal Manufactures Co., Michigan, Toledo, O.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Trump Mfg. Co., Springfield, O.
Union Iron Works, Hoboken, N. J.
Union Iron Works, Spokane, Wash.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Weigele Wm. A., Denver, Colo.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Williamette Iron & Steel Wks., Portland, Ore.

Pipe (Seamless Drawn Steel)

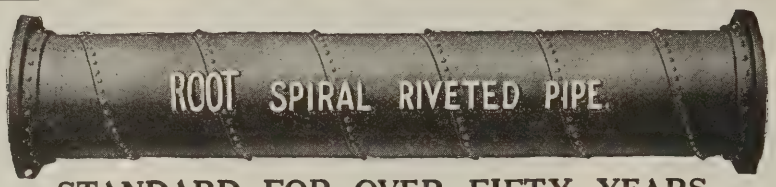
See Tubing, Cold Drawn Seamless Steel

10959— Pipe (Second Hand)

Albert & Davidson, Inc., 256-264 Oakland, Brooklyn, N. Y.
Carnick R., Franklin, Pa.
Daniels Arthur Co., 18 Park Row, New York
Davidson Pipe & Iron Co., 436 Kent av, Bklyn, N. Y.
Eagle Pipe Supply Co., 233 B'way, New York
Foster L. B. Co., Park bldg., Pittsburgh, Pa.
Green L. A., First Nat'l Bank bldg, Pittsburgh, Pa.
Greenspon's Jos. Sons Iron & Steel Co., 67 Branch, St. Louis, Mo.
Keystone Pipe & Supply Co., Butler, Pa.
McDowell & Co., Galveston & Western, Pittsburgh, Pa.
Marine Metal & Supply Co., 167 South, New York
Nathan Chas. E., 133 W Washington, Chicago, Ill.
Ohio Pipe Co. (New & Second Hand), Findlay, O.
Perry, Buxton. Doane Co., First, Boston, Mass.
Phila. Second Hand Pipe Supply Co., 1003 N 7th, Phila., Pa.
Pipe & Contractors Supply Co., 3 Dover, New York
Pittsburgh Scrap Iron Co., S. 20th & Wharton, Pittsburgh, Pa.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.
See adv index at end of book

10960— Pipe (Sewer)

American Clay Products Co., 175 5th av, New York
American Fire Brick Co. (Salt Glazed), Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Argillo Works, Carbon Cliff, Ill.
Atlas Coal & Supply Co., Binghamton, N. Y.
Avon Milling & Mfg. Co., Avon, Ill.
Bannon P. Pipe Co. (Vitrified), Louisville, Ky.
Barnitz, Geo. A., York, Pa.
Berry & Ferguson, 159 Devonshire, Boston, Mass.
Berthelet H. Sewer Pipe Co., 4th & Montana av, Milwaukee, Wis.
Bibb Sewer Pipe Co., Macon, Ga.
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatman's Bank bldg, St. Louis, Mo.
Buckeye Sewer Pipe Co., Akron, O.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Catlin R. H. Co. (Jobbers), Wilmington, Del.
Chattanooga Sewer Pipe Wks. (Vitrified Glazed Clay), Chattanooga, Tenn.
Chicago Fire Brick Co. (& Culvert Vitrified), 133 W Washington, Chicago, Ill.
See adv index at end of book
Chicago Sewer Pipe Co., 133 W Washington, Chicago, Ill.
Cincinnati Sewer Pipe Co., Elm & Water, Cincinnati, O.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Clawson L. E. Co., 80 Page, San Francisco, Cal.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Clearfield Sewer Pipe Co., Clearfield, Pa.
Clermont Sewer Pipe Co., Clermont, Pa.
Columbus Fire & Fire Brick Co., 16 S 3rd, Columbus, Ind.
Columbus Sewer Pipe Co. (Vitrified Glazed Clay), Columbus, Ga.
De Haas G. (Wholesale Dealer), N Marquette, Mich.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill. Works: Mecca, Ind.
Delaware Clay Mfg. Co., Delaware, O.
Delta Cement Tile Co., Greenville, Miss.
Dennison Sewer Pipe Co., Dennison, O.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Sewer Pipe & Clay Co., Denver, Colo.
Dickey, W. S. Clay Mfg. Co. (Vitrified Glazed Clay), Kansas City, Mo.
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Edwards Vitrified Brick Co., Albion, Ill.
Eichelberger's T. D. Sons, Dayton, O.
Evans Clay Mfg. Co., Uhrichsville, O.
Evens & Howard Fire Brick Co. (Up to 42 Inches), 920 Market, St. Louis, Mo.
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Great Northern Sewer Pipe Co., Empire, Ohio
Indiana Sewer Pipe Co., Mecca, Ind.
Iowa Pipe & Tile Co., Des Moines, Iowa
Junction City Sewer Pipe Co., Junction City, O.
Kaul Clay Mfg. Co., Toronto, O.
Kiamensi Clay Co., Newport, Del.
Laclede-Christy Clay Products Co., Railway Ex. bldg, St. Louis, Mo.
Lafond T. & Son, Kankakee, Ill.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
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Louisville Brick & Tile Co., Louisville, O.
Lyth A. & Sons Co., 48 W. Eagle, Buffalo, N. Y.
Lythe Tile Co., 202 Pearl, Buffalo, N. Y.
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McNutt & McConnell Co., Brazil, Ind.
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Macon Sewer Pipe Wks. (Vitrified Glazed Clay), Macon, Ga.
Mason City Sewer Pipe Co., Mason City, Ia.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Monmouth Clay Mfg. Co. (and Fittings), Monmouth, Ill.
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
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Mushet W. E. Co. (Jobbers), 502 Mission, San Francisco, Cal.
National Sewer Pipe Co., Webster City, Ia.
New York State Sewer Pipe Co., Rochester, N. Y.
Northwestern Clay Mfg. Co., Aledo, Ill.
Oconee Brick & Tile Co., Middledgeville, Ga.
Ogden Sewer Pipe & Clay Co. (Vitrified Glazed Clay), Ogden, Utah
Ohio Culvert Pipe Co., Tiffin, O.
Ohio River Sewer Pipe Co., Empire, O.
Owensboro Sewer Pipe Co., Owensboro, Ky.
Pacific Sewer Pipe Co., Los Angels, Cal.
Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
Pomona Terra Cotta Co. (Shade), Pomona, N. C.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Robinson Clay Product Co., Akron, O.
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Southern Sewer Pipe Co., Birmingham, Ala.
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Standard Sewer Pipe Works (Vitrified Glazed Clay), Rome, Ga.
Steven's H. Sons Co., Macon, Ga.
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Washington Brick, Lime & Sewer Pipe Co. (Vitrified), Spokane, Wash.
West Virginia Fire Clay Mfg. Co. (Fire Clay), Diamond Bank bldg, Pittsburgh Pa.
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Winslow & Co. (Vitrified Salt Glazed), Portland, Me.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
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10961—Pipe (Sewer, Cement)

Concrete Products Co., Diamond B'k bldg. Pittsburgh, Pa.
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Pipe Stocks & Dies

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Pipe (Stoneware)

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Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah.
Robinson T. & Co. (Sewer), H, Real Estate Tr. bldg, Phila., Pa.
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Southern Sewer Pipe Works, Birmingham, Ala.
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American Transformer Co., 178-182 Emmet, Newark, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

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Greenfield Tap & Die Corp. ("G. T. D."), Greenfield, Mass.
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Hart Mfg. Co. ("Buckeye"), Cleveland, O.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Oster Mfg. Co. ("Matchless"), 2057 E 61st pl, Cleveland, Ohio

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Lead Lined Iron Pipe Co. (Iron & Brass), Wakefield, Mass.

10972a— *Pipe Tools

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Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
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Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
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McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engng. Works, Manitowoc, Wis.
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Shaw Benj. F. Co., Wilmington, Del.
Spokane Culvert Tank Co., Spokane, Wash.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitlock Coil Pipe Co., Hartford, Conn.

10975— Pipe Welding

Ballwood Co., The, 30 Church, New York
See adv index at end of book
Metal & Thermit Corp., 120 B'way, New York
Pipe Coiling, Bending & Welding Co., Arrott bldg., Pittsburgh, Pa.
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Lacey Mfg Co., 300 S Spring, Los Angeles, Cal.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah.
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

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American District Steam Co. (Water), North Tonawanda, N. Y.
American Wood Pipe Co., Tacoma, Wash.
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Pipe (Wrought Iron Mfrs.)

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Pipe (Wrought Steel)

See Pipe & Tube Mills

10981—Pipe & Boiler Covering Mfrs.

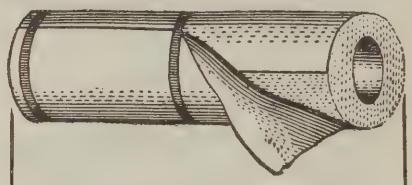
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Carey Philip Mfg. Co., 330 Wayne, Lockland, Cincinnati, O.
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CAREY PHILIP MFG. CO., 330 Wayne, Cincinnati, O.
See adv index at end of book
Celite Products Co. ("Sit-O-Cel"), 11 B'way, New York
Doggett Stanley (Raw Materials), 11 Cliff, New York
Federal Asbestos Co., Milwaukee, Wis.
Johns-Manville Inc., Madison av. & 41st, New York
Johnson John Co., 1314 Gratiot av, Detroit, Mich.
Keasbey & Mattison Co., Ambler, Pa.
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Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Richards Mfg. Co., Grand Rapids, Mich.
Ric-Will Co. (Underground Pipe Covering), Cleveland, O.
U. S. Mineral Wool Co., (Mineral Wool), 280 Madison av, New York
Watson H. F. Co. (Asbestos), Erie, Pa.

10982—Pipe & Boiler Coverings (Air Cell)

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Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Keasbey & Mattison Co. (Wool, Felt, etc.), Amber, Pa.
MIKESELL BROS. CO., 156 N La Salle, Chicago, Ill.
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Morgan C. Stanley ("Morgan"), 55 Wayne, Detroit, Mich.
National Air Cell Covering Co., 163 Henderson, Jersey City, N. J.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.

10983—Pipe & Boiler Coverings (Asbestos)

Acme Asbestos Covering & Supply Co. ("Acme"), 234 N Elizabeth, Chicago, Ill. *See adv index at end of book*
Adams & Jewell, Rome, N. Y.



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Brunett Frank O., 396 Smith, Brooklyn, N. Y.
Buffalo Asbestos Co., 64 Del av, Buffalo, N. Y.
CAREY PHILIP MFG. CO., 330 Wayne av, Lockland, Cincinnati, O.
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Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.
Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
Crawford L. M. Asbestos Co., 1901 Clay, Denver, Colo.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works, Valley Forge, Pa.
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Keasbey Robt. A. Co., 445 West, New York
Keasbey & Mattison Co. (Moulded), Ambler, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
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Nightingale & Childs Co., 205 Congress, Boston, Mass.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Racich Asbestos Mfg. Co., 609 W 55th, New York
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Southern Asbestos Mfg. Co. Inc., Richmond, Va.
Special Service Flooring Corp., 2009 Grand Central, New York
Standard Asbestos Mfg. Co., 822 W Lake, Chicago, Ill.
Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Union Asbestos & Rubber Co., 231 S Wells, Chicago, Ill.
Watson H. F. Co. ("Imperial"), Erie, Pa.
Western Asbestos & Mfg. Co., W 33d & Mariposa, Denver, Colo.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

10984-5—Pipe & Boiler Coverings (Cement)

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Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
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Jones Paint Co., Rome, N. Y.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Watson H. F. Co., Erie, Pa.

10986— Pipe & Boiler Coverings (Felt)

Acme Asbestos Covering & Supply Co., 234 N. Elizabeth, Chicago, Ill.
See adv index at end of book
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Hardy & Tierney (Hair Felt), 410 E 23d, New York
Johns-Manville Inc., Madison av & 41st, New York
Keasbey Robt. A. Co., 445 West, New York
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Morgan C. Stanley ("Morgan"), 55 Wayne, Detroit, Mich.
National Air Cell Covering Co. (Wood Felt), 163 Henderson, Jersey City, N. J.
Watson H. F. Co., Erie, Pa.

10987— Pipe & Boiler Coverings (Magnesia)

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Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
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AMERICAN INSULATION CO., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
American Magnesia & Covering Co., Plymouth Meeting, Pa.
CAREY PHILIP MFG. CO., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns-Manville Inc. ("J. M." 85 per cent.) Madison av. & 41st, New York
Keasbey & Mattison Co. (Sectional), Ambler, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Norristown Magnesia & Asbestos Co. ("Diamond N"), Norristown, Pa.

10988— Pipe & Boiler Coverings (Mineral Wool)

Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
See adv index at end of book
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
Union Fibre Co. Inc., Winona, Minn.
U. S. Mineral Wool Co., 280 Madison av, New York

10989— Pipe & Tube Mills

Am. Hollow Boring Co. (Steel Pipe), Erie, Pa.
Allegheny Steel Co. ("Reliance" Charcoal, Iron & Steel Boiler Tubes; "Reliance" Standard Extra Gauge Boiler Tubes), Oliver bldg, Pittsburgh, Pa. Works: Brackenridge, Pa.
American Steel Pipe & Tank Co., 608 Los Angeles, Cal.
American Steel & Tube Co., Lorain, O.
Byers A. M. Co. (Lap & Butt Welded Genuine Wrought Iron Pipe Black & Galvanized ⅛ to 12 inches; also complete line of Oil Country Tubular Goods), 235 Water, Pittsburgh, Pa.
Central Tube Co. (Wrought Steel Rigid & **Flexible Conduits) 1st National Bank bldg, Pittsburgh, Pa.**
Chicago Metal Mfg. Co., 313 S Clinton, Chicago, Ill.
Cohoes Rolling Mill Co. (Wrought Iron Pipe), Cohoes, N. Y.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
See adv index at end of book
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Delaware Seamless Tube Co. (Boiler Tubes, etc), Auburn, Pa.
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Boiler Tubes, Automobile Tubes, Stay Tubes, etc), W Warren & Wyoming, Detroit, Mich.
Ford & Kendig Co., 1428H Callowhill, Phila., Pa.
Frick & Lindsay Co. (Dealers), Sandusky & Columbus, Pittsburgh, Pa.
See adv index at end of book
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa.
Globe Seamless Steel Tubes Co. (Seamless Steel), Peoples Gas bldg, Chicago, Ill
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf Pipe Line Co., Frik bldg annex, Pittsburgh, Pa.
Harris Pump & Supply Co., 316 2nd av, Pittsburgh, Pa.
Ill. Pipe Iron & Mfg. Co., 3465 S Lawndale av, Chicago, Ill.
Independent Steel Corp., 109H Broad, New York
Iron Trade Products Co. (Welded), Farmers B'k bldg, Pittsburgh, Pa.
IRONBOUND HARDWARE & SUPPLY HOUSE, 228 Ferry, Newark, N. J.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
La Belle Iron Works (Black & Galvanized Steam, Gas & Water Pipe, Oil & Gas Line Pipe, Casing, Tubing & Drive Pipe, 1½ to 12 Inches), Steubenville, O.
LARKIN J. K. & CO. (Wrought Iron & Steel Steam), 253 Broadway, New York
See adv index at end of book
Limbert Geo. B. & Co., 558 Fulton, Chicago, Ill.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Mark Mfg. Co. (Black & Galvanized Wrought Iron & Steel Pipe, ½ to 20 inches, Boiler Tubes, Casing, Line & Drive Pipe), Evanston, Ill. Mills: Zanesville, O.
Midvale Steel & Ordnance Co. (Knobbled Charcoal Iron Knobbed Lapwelded Boiler Tubes), Widener bldg, Phila Pa.
Monongahela Tube Co. (Iron & Steel Boiler Tubes), Ferguson bldg, Pittsburgh, Pa.
Moorehead Bros. & Co. (Iron Pipe, etc.), Sharpsburg, Pa.
National Tube Co. ("National" Spellerized Boiler Tubes, Lapweld & Buttweld, Pipe for Steam, Gas & Water, Black, Galvanized & Dipped, also for Oil Well Casing, Air Line, Brake Beam, Tuyere, Dry Kiln, Ammonia, Drive Signal, Conduit, etc.), Frick bldg, Pittsburgh, Pa.
Newark Tube & Metal Works (Small Sizes Steel Tubing), 560 Ferry, Newark, N. J.
Parkersburg Iron Co. (Charcoal Iron Boiler Tubes, Arch Pipe & Stay Tube), Parkersburg, Pa.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
Pittsburg Tube Co. (Bedstead Tubing), Keystone bldg, Pittsburg, Pa.
Reading Iron Co. (Wrought Iron Pipe, Boiler Tubes, Oil Well Tubing & Casing ⅛ to 20 inches), Reading, Pa.
REPUBLIC IRON & STEEL CO. (Black Standard & Galvanized Line Pipe, Drive Pipe, Tubing & Casing), Youngstown, O.
See Branch Offices Alphabetical Section
Seamless Tube Co. of America (Seamless Steel Tubes 1½ to 6 inches: also Boiler Tubes), Frick bldg, Pittsburgh, Pa.
SIMMONS JOHN CO. (Wrought Iron & Steel Steam), 110 Centre, New York
See adv index at end of book
South Chester Tube Co. (Wrought Iron Pipe), Chester, Pa.
Spang, Chalfant & Co. (Wrought Iron & Steel Pipe for Water, Gas, Steam & Oil ½ to 24 inches & Wrought Iron & Steel Boiler Tubes 1½ to 13 inches), Union Bank bldg, Pittsburgh, Pa.
Steel & Tube Co. of America (Wrought Iron Pipe), Conway bldg, Chicago, Ill.
Steere Engineering Co. (Steel Gas Pikes), 7342 Woodward, Detroit, Mich.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Tyler Tube & Pipe Co. (Knobbled Charcoal Iron & Algerite Iron Boiler Tubes), Washington, Pa.
Vogel H. G. Co. (Galvanized Pipe), 15 W 37th, New York
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wheeling Steel & Iron Co. (Wrought Steel Pipe, Black & Galvanized ⅛ to 12-inch), Wheeling, W. Va.
Zennith & Smith, 26 N Jefferson, Chicago, Ill.

10990—Pipes (Flush & Supply)

American Brass & Copper Co., 138 Lafayette, New York
Dearborn Brass Co., Cedar Rapids, Ia.
Edwardsville Brass Co., Edwardsville, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Klipstein A. & Co. ("Bemanco" low down, tank, bath & basin supply), 644 Greenwich, N. Y.
Limbert Geo. B. & Co., 558 Fulton, Chicago, Ill.
Maco Products Corp. (Nickel Plate), 154 Nassau, New York
Miller Chas. A. Co. (Low-Down Supply), Sturgis, Mich.
Milwaukee Brass Mfg. Co. (Bath & Basin Cock Supply Pipes, etc.), 251 Lapham, Milwaukee, Wis.
Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Reid Brass Mfg. Co., 595 Kent av, Brooklyn, N. Y.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Salem Brass & Iron Mfg. Co., Salem, N. J.
Shwab Bros. Co. (Galvanized Steel), 311 E 9th, New York
Smith E. C. Mfg. Co., 900 W Jackson blvd, Chicago, Ill.
Standard Brass Mfg. Co., Utica, N. Y.
Trenton Brass & Machine Co., Trenton, N. J.
Watrous Co. ("Watrous" White Metal), 524 S Racine, Chicago, Ill.
Wise J. B. Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

10991—Pipes (Glass Blowers')

Speer W. B., 107 Carson, Pittsburgh, Pa.

10992— Pipes (Hawse)

Reed Geo. A. & Son, Gloucester, Mass.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Turl Engng. Wks., Inc., 39 Cortlandt, New York

10993— Pipes (Hose)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Goodall Rubber Co., 11th & Arch, Phila., Pa.
McNab & Harlin Mfg. Co., 55 John, New York

10994— Pipes (Organ)

Gottfried A & Co., Erie, Pa.
Pierce Sam'l Organ Pipe Co., Reading, Mass.
White Fred I., Reading, Mass.

10995— Pipes (Play)

Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," Flexible Rubber, etc.), 126 Duane, New York

10996— Pipes (Smoking)

Akron Smoking Pipe Co. (Clay), Mogadore, Ohio
American Briar Pipe Co., 170 W Randolph, Chicago, Ill.
Birnbaum Wm. (Meerschaum), 67 Nassau, New York
Crown Pipe Mfg. Co., Omaha, Neb.
De Muth W. & Co. (All Kinds), 230 5th av, New York

PIPES (SMOKING)—continued
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Frank S. M. & Co., 928 B'way, New York
Frankau Adolph & Co. (Briar), 175 Front, New York
Harvey & Watts, 1822 E Venango, Phila., Pa.
Hirsch John, 524 S Spring, Los Angeles, Cal.
Hirschl & Benheim (Cob), Washington, Mo.
Hunter John S. V. (Clay), Camden, N. J.
Kaufmann Bros. & Bondy (All Kinds), 33 E. 17th, New York
Keffer Wm., 1128 N Orianna, Phila., Pa.
Linkman M. & Co., 323 Wells, Chicago, Ill.
Manhattan Briar Pipe Co., 425 Greenpoint av, B'klyn, N. Y.
Missouri Meerschaum Co. (Cob), Washington, Mo.
National Cob Pipe Works (Cob), Union, Mo.
Nax Leonard, 144 Noble, Phila., Pa.
Phoenix American Pipe Works (Cob), Boonville, Mo.
Reiss-Premier Pipe Co. (Meerschaum), 208 W Manroe, Chicago, Ill.
Smith J. W. (Clay), Town of Union, N. J.
Springwells Clay Pipe Co., Orion, Mich.
Stehr C. (Meerschaum), 347 Broome, New York
Union Pipe Co. (Corncob), Owensville, Mo.
Utter W. H. & Son (Briar), Olean, N. Y.
Washington Cob Pipe Works, Washington, Mo.
Willis Co., 76 Pilling, Brooklyn, N. Y.

10997— Pipes (Supply, for Gas Stoves)

New York Nickel Plating & Mfg. Co., 327 E 63d, New York

10998—Piping (High Pressure)

Almirall & Co., 1 Dominick, New York
American Fdry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Machine & Mfg. Co., Atlanta, Ga.
Anderson-Darragh Co., 3206 Penn av, Pittsburgh, Pa.
Baltimore Dry Dock & Ship Building Co., H, East Fort av, Baltimore, Md.
BALLWOOD CO., THE, 30 Church, New York *See adv index at end of book*
Baltimore Dry Dock & Ship Building Co., H, East Fort av, Baltimore, Md.
Best Co., Arrott bldg, Pittsburgh, Pa.
Bowers W. A. Heating Co., 484 Market, Milwoukee, Wis.
Braman, Dow Co., 239 Causeway, Boston, Mass.
Bride, Grimes & Co., Lawrence, Mass.
Burlingame A. Co., Worcester, Mass.
Coffin Isaac Co., 52 Sudbury, Boston, Mass.
Crane Co. (Steam), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crane W. F. & Co., 149 B'way, New York
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Danforth John W. Co., Buffalo, N. Y.
Dougherty M. J. Co., No American bldg, Philadelphia, Pa.
Downey Heating & Supply Co., 615 Clybourn, Milwaukee, Wis.
Faith S. & Co., 2427 Penna. av, Phila., Pa.
Ford & Kendig Co., 1428H Callowhill, Phila., Pa.
Gaylard & Butler Co., Scranton, Pa.
Hobson & Lawler Co., Lowell, Mass.
Kehm Bros. Co., 15 W Kinzie, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
McLean & Cousens Co., 204 Purchase, Boston, Mass.
Merrill Co., 19 Pearl, Boston, Mass.
Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Parks G. M. Co., Fitchburg, Mass.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
POPE WM. A., 26 N Jefferson, Chicago, Ill.
POWER PIPING CO., Beaver & Western av, Pittsburgh, Pa.
Reid John L., 356 Mulberry, Newark, N. J.
Riggs, Distler & Stringer (Contractors), 25 Light, Baltimore, Md.
Robbins, Gamwell & Co., Pittsfield, Mass.
Shaw Benj. F. Co., Wilmington, Del.
Shaw, Kendall Engineering Co., Toledo, O.
Wanner Louis, Jr., 1723 Ludlow, Phila., Pa.
York Engineering Co. (Inc.), (For Steam, Hydraulic & Electric Plants, etc., District Steam & Underground Piping a Specialty), York, Pa.

10999— Piping Systems

Fulton Iron Works Co. (Sugar House), St. Louis, Mo. *See adv index at end of book*
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

10999a—*Pistols (Automatic, Toy)

EDWARDS MFG. CO. (Repeating Paper Cap), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Rockaway Mfg. Co. ("Scout" Repeating Paper Cap Rifles), 421-441 Culvert, Cincinnati, O.

10999b—Pistols (Firearms)

Ainslie Machine Tool Works ("Reising" 22 Cal. Automatic Target Pistol), 35 Jefferson av, Hartford, Conn.
Colts Patent Fire Arms Mfg. Co. (Automatic), Hartford, Conn.
Davis-Warner Arms Co. ("Warner" Automatic), 96 Chambers, New York
Harrington & Richardson Arms Co., Worcester, Mass.
Remington Arms Co., Inc., 233 B'way, New York
Savage Arms Corp. ("Savage" Automatic), Utica, N. Y.
Stevens J. Arms Co., Chicopee Falls, Mass.

10999c—*Pistols (Repeating Paper Cap)

EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book

10999d—*Pistols (Toy, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

10999e—Piston & Valve Rod Plunger

DOMINION ASBESTOS & RUBBER CORP. ("Rodtite," "Dominion"), 154 Nassau, New York
See adv index at end of book

11000— Pistons (Engine)

Acme Motor & Machine Co., 4208 Natural Bridge av, St. Louis Mo.
Allan A. & Son ("Allan"), Dept. H, 6th & Bergen, Harrison, N. J.
Aluminum Mfrs. Inc. ("Lynite"), 2210 Harvard av, Cleveland, Ohio
Am. Machine Products Co. ("Ampeco" Automobile), Marshalltown, Iowa.
Capitol Foundry Co., Hartford, Conn.
Clark-Turner Piston Co., 52H S Los Angeles, Los Angeles, Cal.
Detroit Auto Piston Co., 1139 Baltimore av, Detroit, Mich.
Du Bois Foundry Co., Cold Spring, N. Y.
Dyer G. H. Co. (Automobile), Cambridge, Mass.
Evarts Machine Co., Hartford, Conn.
Hill-Smith Metal Goods Co. ("H. S." Automobile), 82 Brookline av, Boston, Mass.
Houpert Mahcine Co., 251 W 52d, New York
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Lakeside Foundry Co., Lycaste av & Terminal Ry, Detroit, Mich.
Levett Walker M. Co., Aluminum, Sand or Die Cast ("Magnelite"), 417 E 23d, New York
McCadden Machine Works, 316 6th av, N St. Cloud, Minn.
Manufacturers Foundry Co., Waterbury, Conn.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Merritt S. W. Co., 699 W 133rd, New York
Miller Engine & Foundry Works (Alloyanum), ("Miller") 2652 Long Beach av, Los Angeles, Cal.
Muncie Foundry & Machine Co., Muncie, Ind.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Otis Machine Works, 191 Mill, Rochester, N. Y.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Pollak Steel Co., Cincinnati, O.
Pondelick Bros. ("Pondalloy"), Leavitt & Jackson blvd, Chicago, Ill.
Reliance Foundry Co., Richmond, Ind.
Spackle Machine & Tool Co., Indianapolis Ind.
Spencer-Smith Machine Co., Howell, Mich.
Standard Automatic Tool Co., Racine, Wis.
Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.
Wainwright W. W. & Son, Connersville, Ind.
Waterbury Welding Co., Waterbury, Conn.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
Wilson Foundry & Machine Co., Pontiac, Mich.

11001— Pistons (Pneumatic Hammer)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Wilson-Martin Co. (Animal), 30th & Market, Phila., Pa.

11001a— Pitch

Certain-teed Products Co., Boatmans Bank bldg, St. Louis, Mo.
Du Pont E. I. de Nemours & Co. Inc. Special Products Sec. (From Camphor Operation), Wilmington, Del.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

11002— Pitch (Asphalt)

Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Hercules Oil Refining Co., Los Angeles, Cal.
Texas Company, 17 Battery pl, New York
See adv index at end of book
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

11003— Pitch (Brewers')

American Pitch Co. ("Red Star"), 414 Water, Cincinnati, O.
Bishopric Products Co. ("Bishropic's Santa Mastic"), Spring Grove & Este av, Cincinnati, O.
Casey John A. Co. (Jobbers), 144 Maiden la, New York
National Rosin, Oil & Size Co., 90 West, New York
Zobel Ernest Co., 112 2d av, Brooklyn, N. Y.

11004— Pitch (Burgundy)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Kitz Joseph, 333 Jefferson, Hoboken, N. J.
McKesson & Robbins, 91 Fulton, New York
National Rosin Oil & Size Co., 90 West, New York
West H. T. Co., 148 State, Boston, Mass.

11005— Pitch (Coal Tar)

Bayway Chemical Co., Elizabeth, N. J.
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
City Gas Co., Norfolk, Va.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Larendon M. W. & Co. (Jobbers, Spirits), 82 Wall, New York
Lewis F. J. Mfg. Co. (Refined), Moline, Ill.
New Haven Gas Light Co., New Haven, Conn.
Protexol Corporation, 41 Barclay, New York
Semet-Solvay Co., Syracuse, N. Y.
Watson H. F. Co., Erie, Pa.

11006—Pitch (Paving & Roofing)

See also Coal Tar Products

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
American Tar Products Co. ("A. T. P." Old Style), 208 S La Salle, Chicago, Ill.
Armitage Mfg. Co., Richmond, Va.
Atlantic Refining Co. (Petroleum), 3144 Passyunk av, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carey Philip Mfg. Co. (Asbestos Roofing), 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Casey John A. Co. (Jobbers, Roofing), 144 Maiden la, New York
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co. (Mfrs.), 3rd & Plum, Cincinnati, O.
Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.
Feld Geo. A. Co., 162 E 129th, New York
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Lamson John S. & Bro., 347 Madison av, New York
Larendon M. W. & Co. (Roofing, Jobbers), 82 Wall, New York
Lewis F. J. Mfg. Co. ("Lewis" special creosoted woodblock), Moline, Ill.
Protexol Corporation, 41 Barclay, New York
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.
Watson H. F. Co., Erie, Pa.

11007— Pitch (Pine)

Barclay Naval Stores Co., 60 Delevan, Brooklyn, N. Y.
Chatham Mfg. Co., Savannah, Ga.
Florida Wood Products Co. (Navy Pitch), Jacksonville, Fla.
GENERAL NAVAL STORES CO. (INC.) McCormick bldg, Chicago, Ill.; 90 West, New York
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
National Rosin, Oil & Size Co., 90 West, New York
North Carolina Naval Stores Co. (Calking & Navy Pitch), Wilmington, N. C.
Pensacola Tar & Turpentine Co., Gull Point, Fla.

11008— Pitch (Ship)

National Rosin, Oil & Size Co., 90 West, New York
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*
Zobel Ernst Co., 112 2d av, Brooklyn, N. Y.

11009— Pitch (Stearine)

Emery Candle Co., 115 E 4th, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
Moore & Munger ("Calaria" Imp), 29 B'way, New York
Scheel Wm. H. (Jobbers), 159 Maiden la, N. Y. *See adv index at end of book*
Southern Cottton Oil Co. ("Scoco"), 120 B'way, New York

Pitchers (Acid)

See Stoneware, Chemical

11010-1— Pitometers

Pitometer Co. Portable for Measuring & Recording the Flow of Water in Pipes), 25 Elm, New York
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

11012— Pivots (Floor)

Bommer Spring Hinge Co., 263 Classen av, Brooklyn, N. Y.

11013—Pivots (Steel, for Scientific Instruments)

Wennstrom's John Sons Co., Suffern, N. Y.

11014— Pivots (Window)

Detroit Works, 238 E Larned, Detroit, Mich.
Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture Co., 62 Polk, Newark, N. J.

11014a— *Placques (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11014b— Planers

See also sub-classifications following; also Machinery, Planing
Betts Machine Co. 420 Blossom rd, Rochester, N. Y.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Simmons Machine Co., 987 B'way, Albany, N. Y.
Smith H. B. Machine Co., Smithfield, N. J.

11015—Planers (Barrel Head)

U. S. Bottlers' Machinery Co. ("Electric," "U. S."), 251 Park av, Chicago, Ill.

11015a— Planers (Bevel Gear)

GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book

11016-7—Planers (Emery)

Tanite Co. ("Newman"), Stroudsburg, Pa.

11018—Planers (Ice, Elevator)

Bodenstein J. G. & Co., Staatsburg, N. Y.

11019— Planers (Mitre)

Millers Falls Co. ("Rogers"), 28 Warren New York

11020— Planers (Road)

Puffer-Hubbard Mfg. Co. ("Hubbard's"), 32d av S & 26th, Minneapolis, Minn.

11021— Planes

Buckeye Mfg. & Fdry. Co. ("Buckeye"), 2046 W 55th, Cleveland, O.
Cassady Fairbank Mfg. Co. (Block & Jack), 6126 La Salle, Chicago, Ill.
Chapin-Stevens Co. (Bench, Ship Moulding & Grooving), Pine Meadow, Conn.
Gage Tool Co. (Self-Setting), Vineland, N. J.
Kensington Hdwe & Tool Mfg. Co. (Iron Block), 410 Mechanic, Germantown, Phila., Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Sandusky Tool Co. (Bench, etc), Sandusky, Ohio
Sargent & Co. (Iron & Wood Bottom Combination "U. S.," Wooden Bench, Nosing or Step, Dado, Fillester, Rabbit, Match, Sash Moulding, "Kenewa" Bench), New Haven, Conn.
Smith Otis A. ("Fales" Patent Bench), Rockfall, Conn.
Stanley Rule & Level Plant ("Bailey" Adjustable Iron & Wood "Bed Rock"), New Britain, Conn.
Union Mfg. Co. ("Union," Iron & Wood), 300 Church st, New Britain, Conn.

11022—Planes (Belt Makers')

Manufacturers Belt Hook Co. ("L.-X."), 1321 W Congress, Chicago, Ill.

11023— Planes (Core Box)

Gray Iron Casting Co. (For Woood Pattern Makers), Springfield, O.

Planes (Hoof)

See Parers Hoof

11024— Planimeters

American Steam Gauge & Valve Mfg. Co. ("American Amster" Polar), 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Ashcroft" & "Coffin" Averaging), 119 W 40th, New York
BRISTOL CO. ("Bristol's" for Circular Charts), Waterbury, Conn.
See adv index at end of book
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Du Vivier Ernest H. (Imp.), 30 Church, New York
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gurley W. & L. E. (Polar), Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Robertson Jas. L. & Son ("The Willis"), 78 Murray, New York
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Thompson Richard & Co., 146H Liberty, New York
Trill Indicator Co. ("Trill"), Corry, Pa.

11025— Plank Drawer

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

11026— Planks (Extension)

Andersen Specialty Co., 6 E Lake, Chicago, Ill.
Bery John Mfg. Co., 5001 S Wells, Chicago, Ill.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11026a—*Planks (Steak & Fish, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11027—Planters (Bean & Pea)

Allen S. L. & Co. ("Planet Jr."), 5th & Glenwood, Phila., Pa.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Caledonia Bean Harvester Works (Bean), Caledonia, N. Y.
Deere & Co., Moline, Ill.
Gale Mfg. Co. (Bean & Pea), Albion, Mich.
Janesville Machine Co., Janesville, Wis.
McWhorter Mfg. Co. (Bean), Riverton, N. J.
Moline Plow Co. ("Boston" & "Flying Dutchman," "Gretchen"), Moline, Ill.
Ohio Rake Co. (One Row, "Ohio 40," "Ohio 41 C. & C.," "Dayton C. & C."), Dayton, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Potato Implement Co. (Hand Bean), Traverse City, Mich.
Superior Churn & Mfg. Co., Northville, Mich.
Wiard Plow Co. (Bean), Batavia, N. Y.

11028— Planters (Beet)

Allen S. L. & Co., Inc. ("Planet Jr."), 5th & Glenwood, Phila., Pa.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Gale Mfg. Co., Albion, Mich.
Thomas Mfg. Co. ("Thomas"), Springfield, O.

11029—Planters (Broom Corn)

Gale Mfg. Co., Albion, Mich.

11030— Planters (Corn)

American Seeding Machine Co. ("Simplex" & "Superior"), Springfield, O.
Ames Plow Co. (One Horse, One Row, etc.), Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Avery Co. (Motor Corn Cultivators), Peoria, Ill.
Ayers J. R., Petersburg, Va.
Belcher & Taylor Agr. Tool Co., Chicopee Falls, Mass.
Brinley Hardy Co. ("Letz"), Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Cardwell Machine Co. ("Eureka," "Cardwell," "Smith"), 1900 E Cary, Richmond, Va.
Case J. I. Plow Works (Power Drive Runner (2 Row) Power Drive Disc (2 Row) Corn & Bean Check Power & Drill), Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Cole Mfg. Co. (Comb Seed Dropper, etc), Charlotte, N. C.
Collins Plow Co., Quincy, Ill.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere & Co., Moline, Ill.
Donaldson Bros. ("King"), Mt. Clemens, Mich.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Eureka Mower Co. (1 & 2 Row), 16 Hickory, Utica, N. Y.
Farquhar A. B. Co. Ltd. ("Keystone," Also with Fertilizer Attachment), York, Pa.
Gale Mfg. Co. (One & Two Horse Planter & Fertilizers; also Riding; also with Disk), Albion, Mich.
Hayes Pump & Planter Co. (Riding & Walking), Galva, Ill.
Hench & Dromgold ("Daisy," "York"), York, Pa.
Hughes & Smythe, Galena, O.
International Harvester Company of America (Inc.) (International-C. B. & Q.-Hoosier-Kentucky-"P. & O."), Harvester bldg, Chicago, Ill.
Janesville Machine Co., Janesville, Wis.
Keystone Machine Co., York, Pa.
Le Roy Plow Co., Le Roy, N. Y.
Letz Mfg. Co., Crown Point, Ind
Luthy & Co., Peoria, Ill.
Madison Plow Co., Madison, Wis
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Champion," Single & Double & Three Row), Moline, Ill.
Mountville Mfg. Co. (Single & Double Row), Mountville, Pa.
National Drill Co., Cambridge City, Ind.
Ohio Cultivator Co., Bellevue, O.
Ohio Rake Co. ("Sure Drop"), Dayton, O.
Oliver Chilled Plow Works ("Oliver," "Black Hawk"), South Bend, Ind.
Orndorff O. F., Council Bluffs, Ia.
Parlin & Orendorff Co. ("P. & O.," "No. 4," "No. 6" & "Parlin"), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peters Pump Co., Kewanee, Ill.
Potato Implement Co., Traverse City, Mich.
Racine-Sattley Co. ("Sattley No. 1," "Sattley No. 6," "New Yay"), Springfield, Ill.
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.
Sechler D. M. Implement & Carriage Co. "Black Hawk"), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co., Dallas, Tex.
Sterling Mfg. Co., Sterling, Ill.
Superior Churn & Mfg. Co., Northville, Mich.
Wayne Works, Richmond, Ind.
Weaver & Co. ("Root"), New Oxford, Pa.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wiard Plow Co. (Automatic), Batavia, N. Y.
Wistrant Mfg. Co. ("Blue Star"), Galva, Ill.

11031—Planters (Corn, Hand)

Donaldson Bros. ("King'), Mt. Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Eureka Fence Mfg. Co., Richmond, Ind.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Hughes & Smythe, Galena, O.
James Mfg. Co. ("Kent," "Triumph"), Ft. Atkinson, Wis.
Kohler F. E. Co. ("Eclipse" Rotary), Canton, O.
Potato Implement Co. ("Acme"), Traverse City, Mich.
Sheffield Mfg. Co. ("American," "Standard," "Old Reliable"), Burr Oak, Mich.
Wabers Mfg. Co. ("U. S."), Racine, Wis.

11032— Planters (Cotton)

Avery B. F. & Sons, Louisville, Ky.
Avery Co. (Steel, Motor Cotton Planters), Peoria, Ill.
Brinly Hardy Co., Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Case J. I. Plow Works ("Lone Star," "Cell Drop" & "Pitman Drive"), Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Cole Mfg. Co., Charlotte, N. C.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson," Combined Cotton & Corn, Single & Double Row), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Gale Mfg. Co. (Daisy, One & Two Row, Riding), Albion, Mich.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Keystone Machine Co., York, Pa.
Moline Plow Co. ("Champion" Single & Double Row A-1 & Gearless), Moline, Ill.
National Drill Co., Cambridge City, Ind.
Ohio Cultivator Co. ("Ohio" Sulky, etc), Bellevue, O.
Ohio Rake Co., Dayton, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Single & Double Row), Canton, Ill.
Racine-Sattley Co. ("Sattley No. 7"), Springfield, Ill.
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.
Sechler D. M. Implement & Carriage Co., Moline, Ill.

PLANTERS (COTTON)—continued
South Bend Chilled Plow Co. (Cotton & Corn), South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Southern Plow Co., Dallas, Tex.
Towers & Sullivan Mfg. Co ("Dow Law"), Rome, Ga.
White's S. R. Sons ("Foster"), Norfolk, Va.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

11033— Planters (Peanut)

Ayers J. R. ("Ayers," Single-Row-One-Horse), Petersburg, Va.
Champion Potato Machine Co., Hammond, Ind.
McWhorter Mfg. Co. ("McWhorter," Single-Row-Wheel-Hand & Two-Row-One-Horse), Riverton, N. J.
Whitehurst R. W. Mfg. Corp. ("Excelsior" Single-Row-One-Horse), Norfolk, Va.

11034— Planters (Potato)

American Seeding Machine Co. ("Evans," Single-Row; also with Fertilizer Attachment), Springfield, O.
Aspinwall Mfg. Co. ("Aspinwall," Single Row; also with Bean & Pea Planter Attachment; also with Fertilizer Attachment), Jackson, Mich.
Bateman Mfg. Co. ("Robbins," "Iron Age Single Row; also with Bean & Pea Planter Attachment; also Fertilizer Attachment), Grenlock, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Brown-Manly Plow Co. ("Malta"), Malta, Ohio
Champion Potato Machine Co. ("O. K. Champion"; also with Fertilizer Attachment), Hammond, Ind.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Eureka Mower Co. (One & Two Row; also with Fertilizer Attachment), 16 Hickory, Utica, N. Y.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Greenville Implement Co. (Hand), Greenville, Mich.
Hassell Iron Works Co. ("Colorado"), Colorado Springs, Colo.
Hirsch Bros. ("Spalding" Single Row), 267 Reed, Milwaukee, Wis.
Hoover Mfg. Co., Avery, O.
McWhorter Mfg. Co. ("McWhorter" Single Row; also with Fertilizer Attachment), Riverton, N. J.
Messinger Mfg. Co. (With Fertilizer Attachment), Tatamy, Pa.
Ohio Rake Co. ("Dayton"), Dayton, O.
Peek's S. H. Sons ("Perfection"), East Aurora, N. Y.
Platt Addison J., Sterling, Ill.
Potato Implement Co. ("Segment," "Eureka," "Acme," "Peerless," "Tubular," "Swan," "Pingree" & "Dewey" Hand), Traverse City, Mich.
Schofield & Co. ("Schofield," Single Row; also Planter & Digger Combined), Freeport, Ill.
Sheffield Mfg. Co. ("Sheffield" Hand), Burr Oak, Mich.
Springer Bros. Mfg. Co. (Two Row, Check or Drill), Edwardsville, Ill.
Stevens Mfg. & Foundry Co. ("Stevens" Single Row), Decatur, Ill.
Towers & Sullivan Mfg. Co. ("Towers"), Rome, Ga.
Wabers Mfg. Co. ("Invincible" Hand), Racine, Wis.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

11035—Plaster Boards, Slabs, Etc.

See also Wall Boards

A. B. Fireproofing Co., 64 W. Randoph, Chicago, Ill.
American Cement Plaster Co. ("American"), Lawrence, Kan.
Barrett Co. (Blue Plaster Boards), 17 Battery pl, New York
Bell W. H. Co., 2582 Park av, New York
Beaver Co. ("Beaver"), 956 Beaver rd, Buffalo, N. Y.
Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster), 1453 Este av, Cincinnati, O.
Cardiff Gypsum Plaster Co. (Boards), Ft. Dodge, Ia.
Certain-teed Products Corp. (Blue, Tarred, Wood Fibre Wall Board, etc), Boatman's Bank bldg, St. Louis, Mo.
Duffy J. P. Co. ("Duffy" Wall Board), 207 E 138th, New York
Ford Roofing Products Co. ("Pyramid" Blue), 2338 La Salle, Chicago, Ill.
Fowler & Pay ("Sackett's"), Mankato, Minn.
Grand Rapids Plaster Co. (Boards), Grand Rapids, Mich.
Keystone Fireproofing Co., Chester, Pa.
King J. B. & Co. ("Kings," Fibrous), 17 State, New York
Klotz A. E. Fireproofing Co., 2517 Washington av, New York
National Plaster Board Co. (Plaster Boards), Cleveland, O.
New Jersey Adamant Mfg. Co., Harrison, N. J.
Niagara Gypsum Co., Buffalo, N. Y.
Reinforced Concrete Roof Co. (Reinforced Concrete), Youngstown, O.
Roberds Mfg. Co. (Boards Only), Marion, Ind.
Rubens Paint & Glass Co., Inc. (Boards), Richmond, Va.
Southern Gypsum Co., North Holston, Va.
United Roofing & Mfg. Co. ("Congs"), Morris bldg., Phila., Pa.
United States Gypsum Co. ("Sackett" & "Adamant"), 205 W Monroe, Chicago, Ill.
UPSON CO., Lockport, N. Y.
See adv index at end of book
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

11036—Plaster Mfrs. (Asbestos)

Rutland Fire Clay Co. ("Rutland," Flexible), Rutland, Vt.
United States Gypsum Co. (Wall), 205 W Monroe, Chicago, Ill.

11037—Plaster Mfrs. (Calcined)

Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
Alabastine Co. (Also Land Plaster), Grand Rapids, Mich.
American Cement Plaster Co., Lawrence, Kan.
American Gypsum Co., Cleveland, O.
Bangs-Gaynor Cement & Plaster Co. (Land Plaster), Fayetteville, N. Y.
Baugh & Sons Co. (Land Plaster), 20 S Delaware av, Phila., Pa.
Bay City Wood Plaster Co., Bay City, Mich.
Conn. Adamant Plaster Co., New Haven, Conn.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilmore S., Indian Falls, N. Y.
Grand Rapids Plaster Co. ("Acorn," "Hoveys Eagle," "Green A," & "H. R. M."), Grand Rapids, Mich.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Higginson Mfg. Co., Newburgh, N. Y.
Keystone Plaster Co., Chester, Pa.
King J. B. & Co. ("Kings," "Diamond," "Hilsborough," "Snowflake"), 17 State, New York
Lycoming Calcining Co., Williamsport, Pa.
Miller Clifford L. & Co. (White), 280 Madison av, New York
Newark Plaster Co. ("Newark Pottery"), 65 Bridge, Newark, N. J.
Niagara Gypsum Co., Buffalo, N. Y.
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
Rock Plaster Mfg. Co. ("Riverside"), 381 4th av, New York
Southern Gypsum Co., North Holston, Va.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

11038—Plaster Mfrs. (Dental)

Acme Cement Plaster Co. ("Apex," "Mission"), Frisco bldg, St. Louis, Mo.
American Cement Plaster Co., Lawrence, Kans.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
Odontographic Mfg. Co., 211 W 126th, New York
Stanley J. R. Chem. Co., Union sq., New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

11039—Plasters Mfrs. (Fibrous & Staff)

American Cement Plaster Co., Lawrence, Kans.
Emmel Chas. & Rose Co., 382 Albany, Boston, Mass.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Harnisch Ad A., Syracuse, N. Y.
Jennens W. H., 1811 Baltimore av, Kansas City, Mo.
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

11040—Plaster Mfrs. (Wall)

See also Stucco Manufacturers

ARIZONA.

DOUGLAS—Arizona Gypsum Plaster Co.

CALIFORNIA.

AMBOY—Consolidated Pacific Cement Plaster Co.
LOS ANGELES—Acme Cement Plaster Co. (See St. Louis, Mo.)
SAN FRANCISCO—Pacific Portland Cement Co. Cons'd ("Empire," "Reno"), Pacific bldg

COLORADO.

DENVER—Colorado Portland Cement Co. ("Ideal")
Loveland Plaster & Mfg. Co.
United States Gypsum Co.
LOVELAND—Loveland Plaster & Mfg. Co.
PORTLAND — Colorado-Portland Cement Co. (See Denver, Colo.)

CONNECTICUT.

NEW HAVEN — Connecticut Adamant Plaster Co.

ILLINOIS.

CHICAGO—American Cement Plaster Co., Conway bldg
Garden City Sand Co., Chamber of Comm. bldg
United States Gypsum Co. ("Alabaster," "Baker," "Big Four," "Eldorado," "Flint," "Granite," "Imperial," "Ivory," "O. K.," "Pyramid," "Rock," "Zenith," Cement; "Adamant," "Alabaster," "Baker," "Big Four," "Diamond," "Fitzgerald," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith," Prepared; "Alabaster," "Baker," "Flint," "Granite," "Imperial," "Ivory" "Rock," "Zenith," Wood Fibre), 205 W. Monroe
PEORIA—U. S. Gypsum Co. (See Chicago, Ill.)

INDIANA.

INDIANAPOLIS—Keeport A. B. & Co., 620 N Senate av
NEW ALBANY—New Albany Wall Plaster Co. ("Star" & Wood Fibre)

IOWA.

CEDAR RAPIDS—King's Crown Plaster Co (Wood Fibre)
FORT DODGE—American Cement Plaster Co. (See Lawrence, Kans.)
Cardiff Gypsum Plaster Co. ("Kalloite")
Plymouth Gypsum Co. ("Plymouth," "Hardernell," "Iowa" Special, Cement & Wood Fibre)
Wasem Plaster Co. ("Monarch")

KANSAS.

BLUE RAPIDS—American Cement & Plaster Co. (See Lawrence, Kans.)
United States Gypsum Co. (See Chicago, Ill.)
LAWRENCE—American Cement Plaster Co. ("Agatite," "Eagle," "Peerless," "Eureka," "Crystal Rock," "Samson," "Krisolite," "White Rock," "Keystone," "Great Western" Wood Fibre & "Satin Spar," "Sun Flower" Finishing)
MEDICINE LODGE—Best Bros. Keen's Cement

KENTUCKY.

LOUISVILLE—Atlas Wall Plaster Co.
Kentucky Wall Plaster Co.

MICHIGAN.

ALABASTER—U. S. Gypsum Co. (See Chicago)
BAY CITY—Bay City Wood Plaster Co. (Fibre)
DETROIT—Little Chas. H. Co., Dock River Rouge
U. S. Gypsum Co.
GRAND RAPIDS—Acme Cement Plaster Co. (See St. Louis, Mo.)
Alabastine Co. (Plasticon Hard Wall)
American Cement Plaster Co. (See Lawrence, Kans.
Grand Rapids Plaster Co.
United States Gypsum Co. (See Chicago)

MINNESOTA.

MANKATO—Fowler & Pay ("Jasper")
MINNEAPOLIS—U. S. Gypsum Co., Lumber Exchange (See Chicago)

MISSOURI.

KANSAS CITY—U. S. Gypsum Co.
ST. LOUIS—Acme Cement Plaster Co. ("Asme, "Apex" Cement Wood Fibre & Moulding; "Laramie Standard," "Climax." "Independent" & "Royal" Cement & Wood Fibre), Frisco bldg
Glencoe Lime & Cement Co.

NEW JERSEY.

EAST NEWARK—New Jersey Adamant Mfg. Co.

NEW MEXICO.

ACME—Acme Cement & Plaster Co. (See St. Louis, Mo.)

NEW YORK.

AKRON—American Cement Plaster Co.
American Gypsum Co. (See Rochester, N. Y.)
BUFFALO—Buffalo Paragon Wall Plaster Co., Ellicott sq
Niagara Gypsum Co. ("Niagara" Brand)
United States Gypsum Co., Brisbane bldg. (See Chicago, Ill.)
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co.
Sheedy Thos. W.

GARBUTT—Diamond Wall Cement Co.
Empire Gypsum Co. (Wall Plaster Sanded & Wood Fibre Plaster) (See Rochester, N. Y.)
Lycoming Calcining Co. (See Williamsport, Pa.
United States Gypsum Co. (See Chicago)
INDIAN FALLS—Gilmore S.
NEWBURGH—Higginson Mfg. Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—King C. Volney, 517 West King J. B. & Co., 17 State
Miller Clifford L. & Co., 280 Madison av
Rock Plaster Mfg. Co. ("Rock," Blue Seal Rock," Wall), 381 4th av
United States Gypsum Co., 1170 B'way (See Chicago)

Borough of Queens.

LONG ISLAND CITY—Wotherspoon Plaster Mills, 725 Vernon av

Borough of Richmond.

NEW BRIGHTON—King J. B. & Co., 576 Rich Ter. (See New York City)

(End of New York City)

OAKFIELD—Niagara Gypsum Co. (See Buffalo, N. Y.)
United States Gypsum Co. (See Chicago)
ROCHESTER—American Gypsum Co.
Empire Gypsum Co. ("Empire," "Cement," "Reliance" Wood Fibre, "Excelsior" Sanded)
ROSLYN—King J. B. & Co. (See N. Y. City)
SYRACUSE—Pack George W. & Son ("Imperial" Adamant & Wood Fibre)
Paragon Plaster Co., 300 W Water
Syracuse Wall Plaster Co.
UTICA—American Hard Wall Plaster Co.
Empire Wall Plaster Co.
WHEATLAND — Consolidated Wheatland Plaster Co. (See Calendonia, N. Y.)
Empire Gypsum Co. (See Rochester, N. Y.)

OHIO.

CLEVELAND—Cleveland Builders' Supply Co., Leader-News bldg
Forrester Plaster Co., ft E 49th
Kelley Island Lime & Transport Co. ("Tiger" Hydrated Finishing Lime) Leader News bldg
United States Gypsum Co., Shoefield bldg (See Chicago)
COLUMBUS — Hamilton Parker Fuel & Supply Co., 491 Kilbourne
GYPSUM—American Cement Plaster Co.
United States Gypsum Co. (See Chicago)
PORT CLINTON—American Gypsum Co.
TOLEDO—Toledo Pulp Plaster Co. (Pulp)
Woodville Lime Products Co. ("Alca" Lime), 622 Madison av
YOUNGSTOWN—Sharp Bros.

OKLAHOMA.

BICKFORD—Romen Nose Gyp. Co. ("Chief")
CEMENT—Acme Cement Plaster Co. (See St. Louis, Mo.)
ELDORADO—U. S. Gypsum Co. (See Chicago)
MARLOW—Acme Cement Plaster Co. (See St. Louis, Mo.)
Acme Cement Plaster Co.
OKLAHOMA—Texas Cement Plaster Co.

PENNSYLVANIA.

BRADDOCK—Crown Wall Plaster Co.
CHESTER—Keystone Plaster Co. ("Adamant" & Victor)
LEBANON—Granitine Wall Plaster Co.
NEW BRIGHTON—New Brighton Plaster Co.
NEW CASTLE—New Castle Elastic Pulp Plaster Co. (Pulp)
NEW KENSINGTON—New Kensington Fibre Plaster Co. (Fibre)
PHILADELPHIA—French Sam'l H. & Co., 4th & Callowhill
PITTSBURGH—Miller & Coulson (Dealer), 5748 Ellsworth av
SCRANTON—Paragon Plaster & Supply Co.
SPEERS—Charleroi Hard Wall Plaster Co.
WILLIAMSPORT—Diamond Wall Cement Co.
Lyconoming Calcining Co.

SOUTH DAKOTA.

BLACK HAWK—Dakota Plaster Co. (See Rapid City, S. D.)
RAPID CITY—Dakota Plaster Co.
United States Gypsum Co. (See Chicago)

TEXAS.

ACME—Acme Cement Plaster Co. (See St. Louis, Mo.)
American Cement Plaster Co. (See Lawrence, Kan.)
HAMLIN—Texas Cement Plaster Co.

UTAH.

NEPHI—Nephi Plaster & Mfg. Co. (See Salt Lake City, Utah)
SALT LAKE CITY—American Keene Cement Co. (See Sigurd, Utah)
Nephi Plaster & Mfg. Co.
SIGURD—Jumbo Plaster & Cement Co.

VERMONT.

RUTLAND—Rutland Fire Clay Co. ("Rutland," Flexible Asbestos)

VIRGINIA.

NORTH HOLSTON—Southern Gypsum Co., ("Cherokee," "King's Mountain," "Boone," "Carara" Cement & Wood Fibre)
PLASTERCO—U. S. Gypsum Co. (See Chicago)
RICHMOND—Moore, Warner & Co., 17th

WASHINGTON.

SEATTLE—Pioneer Plaster Co.
TACOMA—Pacific Coast Gypsum Co. (Plaster of Paris, Hard Wall, Land Plaster, etc)

WEST VIRGINIA.

WHEELING—Wheeling Wall Plaster Co.

WISCONSIN.

MILWAUKEE—U. S. Gyp. Co., Grove & Oregon (See Chicago)
SUPERIOR—U. S. Gypsum Co. (See Chicago)

WYOMING.

LARAMIE—Acme Cement Plaster Co. See St. Louis, Mo.)
Overland Cement Plaster Co.

11041—Plasters Mfrs. (White Trowel Finishing)

U. S. Gypsum Co. ("Adamant No. IXXX," "Imperial," "Ivory," "Rock," "Universal"), 205 W Monroe, Chicago, Ill.

11042—Plaster Mfrs. (Wood Fibre)

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
U. S. Gypsum Co. ("Alabaster," "Baker," "Big Four," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith"), 205 W Monroe, Chicago, Ill.

Plaster of Paris Mfrs.

See Plaster Manufacturers, Calcined

11043—Plaster Products for Paper Trade

Keystone Plaster Co., Chester, Pa.
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

11044— Plasterers' Steel Corner Beads

Berger Mfg. Co., Canton, O.
Boston Metal Ceiling & Mfg. Co. 27 Haymarket sq, Boston, Mass.
Bostwick Steel Lath Co. ("The Bostwick" Hot Galvanized), Niles, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Church Appliance Mfg. Co. ("La Salle"), La Salle, Ill.
Consolidated Expanded Metal Co.'s ("Steelcrete"), Braddock, Pa.
Concrete Steel Co., 42 Broadway, New York
Dexter Metal Mfg. Co. (Also Metal), 93 Arch, Camden, N. J.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
GENERAL FIREPROOFING CO. ("G-F Allsteel"), Youngstown, O.
See adv index at end of book
Hastings Foundry & Iron Works (Expanded Metal), Hastings, Neb.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Knapp Bros. Mfg. Co. (Bull-Nose), 2419 W 14th, Chicago, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Northwestern Expanded Metal Co. ("Kno-Equal"), Old Colony bldg, Chicago, Ill.
Penn Metal Ceiling & Roofing ((Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Prescott J. B. & Son ("Prescott"), Webster, Mass.
Rogers-Shear Co. ("Universal," all kinds), Warren, Pa.
St. Paul Roofing, Cornice & Ornament Co. ("Pruden"), St. Paul, Minn.
Sharon Steel Hoop Co. ("Mahoning," "Parker" Rail Bead, "American" Apron Bead), Sharon, Pa.
Sykes Metal Lath & Roofing Co., Niles, O.
Truscon Steel Co., Youngstown, O.
Union Metal Corner Co. ("Hannon," "Hospital," "Union," "Hub" & "G. S.") 18 Heath, Boston, Mass.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.
YOUNGSTOWN PRESSED STEEL CO. ("American," "Parker"), Warren, O.
See adv index at end of book

11045— Plastering Fibre

American Fibre Co., Jacksonville, Fla.
Boston Excelsior Co., 562 W 29th, New York
Fernald Co. ("Giant"), 221 Tehama, San Francisco, Cal.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Whiting E. B. & A. C. Co., Burlington, Vt.

11046— Plastering Hair

Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.
Barr Chemical Co., 255 Douglass, Brooklyn, N. Y.
Bickta Chas. F., Wilmington, Del.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Grover John D. & Son, Somerset & Tulip, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Illinois Leather Co., 930 N Halsted, Chicago, Ill.

11047—Plasters (Medical & Surgical)

Asceptic Products Co., 237 Borden av, Long Island City, N. Y.
Johnson & Johnson, New Brunswick, N. J.
Seabury & Johnson, 59 Maiden la, New York
Seamless Rubber Co. (Adhesive), New Haven, Conn.
Seligman Arthur (Imp), 165 Broadway, New York
U. S. Gypsum Co. ("Quality" Orthopedic), 205 W Monroe, Chicago, Ill.

11048— Plate (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York

11049— Plate (Armor)

Bethlehem Steel Co. (Forged, etc), South Bethlehem, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Midvale Steel & Ordnance Co. (Forged), Nicetown, Phila., Pa.

Plate (Copper)

See Plates, Copper

Plate (Platinum)

See Platinum, Sheet & Wire

Plate (Shovel)

See Steel Shovel Plate

Plate (Steel Boiler)

See Iron & Steel Boiler & Tank Plate

Plate (Steel Fish)

See Braces, Rail

Plate (Tack)

See Steel Tack Plate

11050— Plateaux (Mirror)

Baum Chas. (Reflectors for Cut Glass), 311 B'way, New York

11051— Plateaux (Table)

Gallagher P. J., 24 New Chambers, N. Y.

11052— Platens (Typewriter)

Ames & Filstead Co., 607 S Dearborn, Chicago, Ill.
Goodrich B. F. Co., Akron, O.

11053— Platers' Sponge

Kendrick-Davis Co. ("K-D"), Lebanon, N. H.

11054—Platers' & Polishers' Supplies

See also specific article required

Apothecaries Hall Co., Waterbury, Conn.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bennett & Seeley Inc., 823 Railroad av, Bridgeport
Buchanan Thos. Co. (The), 29 W 3rd, Cincinnati, Ohio
See adv index at end of book
Burns E. Reed Supply Co., 25 Jackson, Brooklyn, N. Y.
Cleveland Tool & Supply Co., 1427 W 6th, Cleveland, O.
Clinton Supply Co., 117 S. Clinton, Chicago, Ill.
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
CUTTER & WOOD SUPPLY CO., 274 Friend, Boston, Mass.
See adv index at end of book

PLATERS' & POLISHERS' SUPPLIES—continued

Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Ely C. Upham, 50 Vesey, New York
Fansher Bros., Dayton, O.
Flavin W. H. & Co., 247 Center, New York
General Supply Co., 1314 St. Clair av, Cleveland, O.
General Platers' Supply Co., 489-493 Broome, New York
Gold Walter C., 235 Race, Philadelphia, Pa.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Hoosier Supply Co., 148 S Delaware, Indianapolis, Ind.
L'Hommedieu Chas. F. & Sons, 4521 Ogden av, Chicago, Ill.
Lyman John R. Co., Springfield, Mass.
Munning A. P. & Co., Matawan, N. J.
New York Buff Co., 202 Centre, New York
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), Freemont & Mission, San Francisco, Cal.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
See adv index at end of book
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.
Yorkville Mfg. Co. Inc., 31-33-35H B'way, Brooklyn, N. Y.

11054a— *Plates (Aluminum Pattern)

Nicholls Wm. H. Co. Inc., 2 College pl, B'klyn, N. Y. *See adv index at end of book*

11055—Plates (Amalgamating)

San Francisco Plating Works ("Silver" Plated Copper), 1349 Mission, San Francisco, Cal.

11056—Plates (Angle, Adjustable)

Boston Scale & Machine Co. (Universal), 100 Ruggles, Boston, Mass.
Frederick Machine Works, Norwalk, O.
Up-To-Date Tool Co., 81 Wareham, Boston, 18 Mass.
See adv index at end of book

11057— Plates (Baffle)

Bossert Corp., The, cor Linden & West av, Utica, N. Y.
Engineer Co. (Boiler), 17 Battery pl, New York
Meek Oven Mfg. Co. ("Lawrence" for Gas Stoves), Newburyport, Mass.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

11058— Plates (Base)

Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Withers Foundry & Machine Works, Atlanta, Ga.

11059—Plates (Baseball Shoe)

Parker Wire Goods Co., Worcester, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stolz Jos. & Son, Inc., 841 E 136th, New York

11060— Plates (Battery)

Braun-Knecht-Heimann Co. (Cooper), 576-584 Mission, San Francisco, Cal.
Lamprey Co., Westfield, Mass.
National Carbon Co. (Carbon), Madison av N & 117th, Cleveland, O.
United Lead Co. (Lead), 111 B'way, New York

11061— Plates (Boiler Arch)

Downey T. F. Boiler Wks., 2600 W Grand av, Chicago, Ill.
Janney & Co., Montgomery, Ala.
Lamprey Co., Westfield, Mass.
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book

11062—Plates (Bolster & Transom)

Harvey Spring & Forging Co., Racine, Wis.

11063— Plates (Bosh)

Dixie Brass & Foundry Co., Birmingham, Ala.
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
New Process Copper Casting Co., 5323H Butler, Pittsburgh, Pa.
Smeeth-Harwood Co., 2401 W 22d, Chicago, Ill.

11064—Plates (Box Printing)

Houchin, Aiken Co., 37 53d, Brooklyn, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

11065— Plates (Brazing)

Phillips-Laffitte Co. ("Laffitte"), Penna. bldg, Phila., Pa.

11066— Plates (Buckle)

Cambria Steel Co., Widener bldg, Phila., Pa.
Edge Moor Iron Co., Edge Moor, Del.
Glasgow Iron Co., Pottstown, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.

11067-8— Plates (Bumper)

Ireland & Matthews Mfg. Co. (For Plumbers' Wood Work), Beard & Chatfield, Detroit, Mich.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, Ohio
Stolz Jos. & Son, Inc., 841 E 136th, New York

Plates (Card & Label)

See Holders, Card & Label

11069—Plates (Cast Iron Stack)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Standard Tank Co., 15 Park Row, New York
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book

11070— Plates (Center)

Columbia Machine Works & Malleable Iron Co. (Rust Proof & Oil Lubricated), Atlantic av & Chestnut, Brooklyn, N. Y.
Gould Coupler Co., 30 E 42d, New York
Hamilton Wm. Sons Car Co., Newark, O.
Hegeman-Castle Corp. ("Hartman" Centering Bearings), Fisher bldg, Chicago, Ill.
Holden & White ("Hartman" Centering Bearings), 343 S Dearborn, Chicago, Ill.
Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.
Joliet Railway Supply Co. ("Hartman" Ball Bearing), 4052 Princeton av, Chicago, Ill.
National Car Coupler Co., 332 S Michigan av, Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Michigan av, Chicago, Ill.
Steel Car Forge Co. (Drop Forged), Frick bldg, Pittsburgh, Pa.
Symington T. H. Co., 233H B'way, New York
Transue & William Steel Forging Corp., Alliance, O.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

11071— Plates (Cesspool)

Casey-Hedges Co., Chattanooga, Tenn.
Fee & Mason, 81 Beekman, New York
Glenn Fred. E., St. Charles, Ill.
Jones Hollow Ware Co., 1012 Ashland av, Baltimore, Md.
Sanitary Co., Dept. H, Linfield, Pa.

11072—Plates (Chandelier Shower)

Friedley-Voshardt Co. (Brass & Copper), 733 S Halsted, Chicago, Ill.

11073— Plates (Check)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Turl Engng. Co., 39 Cortlandt, New York
Stolz Jos. & Son, Inc., 841 E 136th, New York

11074—Plates (Chrome Steel)

Chrome Steel Works (Also Welded), Chrome, N. J.

11074a—*Plates (Church Offertory & Collection)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11075— Plates (Chute)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.

11076—Plates (Condenser & Supporting)

AMERICAN BRASS CO. (Tobin Bronze), Waterbury, Conn.
For branch offices see adv index at end of book
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.

11077— Plates (Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
National Brass & Copper Co., Lisbon, O.
Taunton-New Bedford Copper Co., Taunton, Mass.

11078— Plates (Core)

Advance Engineering Co., Metta av, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wadsworth Core Machine & Equipment Co., 10 W Buchtel, Akron, O.

11079— Plates (Crusher)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Central Fdry Co., Joplin, Mo.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Philadelphia Roll & Machine Co. (Chilled), 25th & Washington av, Phila., Pa.
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book

11080— Plates (Damper)

Parker Supply Co., 785 E 135th, New York

11081— Plates (Deck)

Sands A. B. & Son Co., 22 Vesey, New York
Wilcox, Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*

11082—Plates (Diamond Draw)

American Electrical Works, Philipsdale, R. I.
Balloffet-Baszanger Die Co. (Steel Set), 108 Fulton, New York

11083—Plates (Die, Adjustable)

Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Borden Co. (The), Warren, O.
Hart Mfg. Co. ("Duplex"), Cleveland, O.

11084— Plates (Dry)

American Dry Plate Co., Worcester, Mass.
Central Dry Plate Co. (X-Ray), Orchard & McLaren, St. Louis, Mo.
Cramer G. Dry Plate Co. (Photographic), Dept. H, Shenandoah & Lemp avs, St. Louis, Mo.
Defender Photo Supply Co. ("Defender Orthochromatic"), Rochester, N. Y.
Eastman Kodak Co. ("Seeds," "Velox"), Rochester, N. Y.
Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.
Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.
Phenix Plate Co., Worcester, Mass.
Shepard Mfg. Co., Worcester, Mass.
Straight Dry Plate Co., Jamestown, N. Y.

11085— Plates (End Gate)

Griffin Mfg. Co., Erie, Pa.

11086—Plates (Engravers' Metal)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Steel & Copper Plate Co. (Steel, Copper, Brass & Zinc), 101 Fairmont av, Jersey City, N. J.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
North American Copper Co., 52 Vanderbilt av, New York
N. Y. Steel & Copper Plate Co., 30 Morton, Broklyn, N. Y.
Snyder William H. Co., 247 Centre, New York

11087— Plates (Expansion)

Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (Steel), Cleveland, O.
Hoffman B. Mfg. Co. (Hook & Expansion Plates), 257 6th, Milwaukee, Wis.
Newbury Jas. H., Goshen, N. Y.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.

11088— Plates (Felloe)

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, Ohio
Clark W. J. Co., Salem, O.
Columbus Bolt Works Co., Columbus, O.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Johnson & Walters Mfg. Co., 101 Baltimore av, Detroit, Mich.
McKinley Mfg. Co. (Wrought Steel), Liverpool & Metropolitan, Pittsburgh, Pa.

Sessions J. H. Son, Bristol, Conn.
Union Spring & Mfg. Co., New Kensington, Pa.
Upson Nut Co., Cleveland, O.
Woodruff W. W. & Sons Co., Mt. Carmel Conn.
Wrought Washer Mfg. Co., Milwaukee, Wis.
YOUNGSTOWN PRESSED STEEL CO. Warren, O. *See adv index at end of book*

11089— Plates (Filter Press)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
American Mfg. Co., Chattanooga, Tenn.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Cornell Iron Works, 26th & 11th av, New York
General Filtration Co. Inc. (Acid Proof), Dept. H, Rochester, N. Y.
Jackson & Church Co., Saginaw, Mich.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Provost Engng. Corp. ("Provo"), 220 B'way, New York
Shriver T. & Co., Harrison, N. J.
Superior Fdry. Co., Dept. H, E 71st & W. & L. E. Ry, Cleveland, O.

11090—Plates (Flat & Curved)

Disston Hy & Sons (For Scoring, Cutting & Creasing Presses), Tacony, Phila., Pa.
Union Spring & Mfg. Co., New Kensington, Pa.

11091—Plates (Floor, Iron & Steel)

American Pressed Steel Co., Commercial Trust bldg, Phila., Pa.
Bartholomew M. L. (Pressed Steel, Ribbed & Diamond Pattern), Phoenixville, Pa.
Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Castle A. M. & Co. (Diamond or Ribbed Rolled Steel), 715 N Morgan, Chicago, Ill.
Decker A. S. & Co. (Diamond & Ribbed Pattern Rolled Steel), House bldg, Pittsburgh, Pa.
Froment & Co., 150 Bank, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Keystone Steel Co. ("Kesco" Open Hearth Wrought Steel, Diamond, Ribbed & Checkered Pattern, H, Commercial Trust bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lukens Steel Co., Coatesville, Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Ogden & Wallace (Never Slip Wrought Steel), 577 Greenwich, New York
Republic Structural Iron Works Co (Pressed Steel), 1350 E 53d, Cleveland, O.
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Townsend Foundry & Machine Shop Co. (Cast Iron), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
Waterbury Foundry Co., Waterbury, Conn.
Wood Alan Iron & Steel Co. ("A. W." Diamond & Ribbed Pattern Rolled Steel), Widener bldg, Phila., Pa.

Plates (Floor, Wrought Steel)

See Plates, Floor, Iron & Steel

11092—Plates (Floor & Ceiling)

Beaton A. J. Mfg. Co., New Britain, Conn.
Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
Beaton & Corbin Mfg. Co. ("Wells," "B. & C."), Southington, Conn.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Cheney S. & Son, Manlius, N. Y.
Clarke Robt., 98 Schermerhorn, Brooklyn, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.
Crescent Mfg. Co., Bristol, Conn.
Cryer T. B. Co. ("O. K"), 249 High, Newark, N. J.
Davies & Thomas Co. (Cast Iron, Diamond & Checkered), Catasaqua, Pa.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila, Pa.
Erie Stove & Mfg. Co., Erie, Pa.
Exeter Brass Works, Exeter, N. H.
Fee & Mason, 81 Beekman, New York
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Ford & Kendig Co., 1428H Callowhill, Phila., Pa.
Fort Pitt Malleable Iron Co., Thompson & Crawford, Pittsburgh, Pa.
General Fire Extinguisher Co., Providence, R. I.
Glenn Mfg. Co., St. Charles, Ill.
Grabler Mfg. Co. (Cold Rolled Steel, Brass, Cast Iron, etc), Cleveland, O.
Grundy Brass Works, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Ireland & Matthews Mfg. Co. (Spun Brass), Beard & Chatfield, Detroit, Mich.
Kelly & Jones Co. (Cast Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Magee Steam Specialty Corp. ("Jumbo"), 136 Beekman, New York
Modern Iron Works, Quincy, Ill.
Nason Mfg. Co., 71 Fulton, New York
Nelson N. O. Mfg. Co. ("Vosberg" Thimble), 10th & Chestnut, St. Louis, Mo.
Newbury Jay H., Goshen N. Y.
Newbury Mfg. Co., Monroe, N. Y.
Norman C. Irwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
Parker Wire Goods Co. ("H. & B." Perfection), Worcester, Mass.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Ravena Iron Co., Ravena, N. Y.
Russell W. A. & Co. ("Imperial," "Ajax"), 63 W 37th, New York
Rutzler Enoch Co., 404 E 49th, New York
Schweitzer C. & R., 849 Center, Chicago, Ill.
Simmons John Co. ("Simmons"), 110 Centre, New York
See adv index at end of book
Stearns E. C. & Co. (Ceiling), 450 Oneida, Syracuse, N. Y.
Walworth Mfg Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

11092a—Plates (Flush Switch)

American Pin Co., Waterbury, Conn.
Arrow Electric Co., 103 Hawthorne, Hartford, Conn.
Bryant Elec. Co., 142 State, Bridgeport, Conn.
Chattanooga Stamping & Enameling Co. (Porcelain & Enameled), Chattanooga, Tenn.
Connecticut Elec. Mfg. Co. (Brass), Conn. av, Bridgeport, Conn.
Connecticut Telephone & Elec. Co., 70 Britannia, Meriden, Conn.
Gillinder & Sons, Inc. (Glass), State & Deveriaux, Phila., Pa.
Hart & Hegeman Mfg. Co., Capitol av, Hartford, Conn.
Hubbell Harvey (Aligning), Bridgeport, Conn.
Keil Francis & Son (Steel), 401 E 163d, New York
Lovell F. H. Co., Arlington, N. J.
Luminous Unit Co. (Porcelain-Enameled), Jefferson & Washington av, St. Louis, Mo.
Metropolitan Elec. Mfg. Co., 14th, Long Island City, N. Y.
Pioneer Corp., 1249 W 65th, Chicago, Ill.
R. & H. Mfg. Co., Cleveland, Ohio
Union Electric Co., Trenton, N. J.
United States Glass Co., S 9th & Bingham, Pittsburgh, Pa.

11093— Plates (Follower)

Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
Etna Forge & Bolt Co., House bldg, Pittsburgh, Pa.
Hubbard & Co. (For Car Builders), 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co. (For Car Builders), Kansas City, Mo.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Union Spring & Mfg. Co., New Kensington, Pa.

11094— Plates (Gusset)

COMMERCIAL SHEARING & STAMPING CO. THE, Youngstown, O.
See adv index at end of book
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wrought Washer Mfg. Co., Milwaukee, Wis.

11095—Plates (Gutter Crossing)

Canton Foundry & Machine Co., Canton, O.
Crescent Novelty Mfg. Co. (and Sidewalk), 703 S B'way, St. Louis, Mo.
South Bend Foundry Co. (Cast Iron Corrugated), South Bend, Ind.

11096— Plates (Hame Tug)

Frazer & Jones Co. ("Advance"), Syracuse, N. Y.
North & Judd Mfg. Co. ("Perfection"), New Britain, Conn.

11097— Plates (Heel)

Fate-Root-Heath Co. ("Universal," "Lion," "R-H"), Plymouth, Ohio
Laing, Harrar & Chamberlin ("Giles"), 48 N 3rd, Phila., Pa.
National Shoe Plate Mfg. Co., Cleveland, Ohio
Republic Auto Parts Co. (For Ford Cars), 81 10th, Long Island City, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Sacks Louis, Inc. ("Star," "Boston"), Wilson av, Newark, N. J.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn N. Y.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

11098— Plates (Hinge)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Penn Hardware Co., Reading, Pa.

11099—Plates Hot (Electric, Gas, etc.)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Central Scientific Co., 460 E Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Electric Heating Apparatus Co., 121 Sussex av, Newark, N. J.
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Russell Elect. Co. ("Hold-Heet," 142 Burner), 140 W Austin, Chicago, Ill.
Scientific Utilities Co., Inc., 18 E 16th, New York
Union Mfg. Co. Inc. (Gas Only), Boyertown, Pa.

11100— Plates (Index)

Brown & Sharpe Mfg. Co., Providence, R.I.
Rich Steel Products Co. ("R. S. P." Vacuum Head), 3055 Santa Fe av, Los Angeles, Cal.

11100a—*Plates (Iron & Steel)

Cambria Steel Co., Widener bldg, Phila., Pa.
Glasgow Iron Co., Pottstown, Pa.
Inland Steel Co., 38 S Dearborn, Chicago, Ill.
Lukens Steel Co., Coatesville, Pa.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago Ill. *See adv index at end of book*
Whitaker-Glessner Co., Wheeling, W. Va.

11101— Plates (Joint)

Colorado Fuel & Iron Co., Denver, Col.

11102—Plates (Kick & Push)

Allith-Prouty Co. ("Prouty" Push), Danville, Ill.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Champion Hardware Co., Geneva, O.
Cincinnati Mfg. Co., Cincinnati, O.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Colonial Fireplace Co. (Brass & Iron), 4631 W 12th, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Enterprise Hardware Mfg. Co., Frederick, Md.
Griffin Mfg. Co., Erie, Pa.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co. (Brass or Bronze), 496 E 134th, New York
Kawner Mfg. Co., Niles, Mich.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Painesville Metallic Binding Co. (Brass & Galv. Iron), Painesville, O.
Payson Mfg. Co. (Kick), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Pittsburgh Brass Mfg. Co. (Brass), Penn & 32nd, Pittsburgh, Pa.
Reading Hardware Co. (Push), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co. (Door), North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Shank E. A. Sign Co. (Enameled Iron), 19 Park pl, New York
Shelby Spring Hinge Co. (Steel, Solid Bronze & Brass), Shelby, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

PLATES (KICK & PUSH)—continued
Stolz Jos. & Son, Inc. (Steel), 841 E 136th, New York
Stover Mfg. & Engine Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (Push), Cleveland, O.
Turner Brass Works, Sycamore, Ill.
Twentieth Century Brass Works, 514 5th av S, Minneapolis, Minn.
Western Brass Mfg. Works (Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wis. Iron & Wire Wks. (Brass & Bronze), 1660 Booth, Milwaukee, Wis.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

11103—Plates (Leather Embossing)

Fleissner Chas., 121 N. J. R. R. av, Newark, N. J.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Spence Embossing Co., Inc. (Electro Embossing & Graining), 25 Margaretta, Newark, N. J.

11104— Plates (Letter Drop)

Ajax Hardware Mfg. Co. ("Ajax"), 1100 Military rd, Buffalo, N. Y.
Corbin P. & F., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.

11105— Plates (License)

Dorman J. T. W. Co. (Dog & Wagon), 526 N Calvert, Baltimore, Md.
Meyers Elwood Co. (Automobile), Springfield, O.
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Shank E. A. Sign Co., 19 Park pl, New York

11106— Plates (Lock Deck)

Durkee Chas. D. & Co., 2 South, New York
Whitall Tatum Co., 48 Barclay, New York
Wilcox, Crittenden & Co., Inc. ("Hurlburt," "Hanson" Patterns), Middletown, Conn. *See adv index at end of book*

11107-8—Plates (Lock Nut)

Simmons John Co., 110 Centre, New York
See adv index at end of book
Torsion Nut Lock & Washer Co., Inc. ("Torsion"), 11 Central, Boston, Mass.

11109—Plates (Manganese Steel)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

11110— Plates (Match)

Advance Bronze & Aluminum Foundry Co. (Aluminum), E 99th & Meech av, Cleveland, Ohio
Am. Aluminum Fdry Co., 6833H S Irving av, Chicago, Ill.
Andes E. B. & Co. (Aluminum), Lancaster, Pa.
Bayer Pattern Plate & Mfg. Co., Cleveland, O
British Aluminum Co. Ltd. (Aluminum), 165 B'way, New York
Cleveland Castings Pattern Co. (Aluminum), 1930 E 61st, Cleveland, Ohio
See adv index at end of book
Goodale Co., Kalamazoo, Mich.
Jurack Chas., 201 Oregon, Milwaukee, Wis.
Middleditch Benjamin, Detroit, Mich.
Molthrup Steel Products Co., Beaver Falls, Pa.
Moser Pattern & Foundry Co. (Aluminum), Newark, O.
National Alumnium Co., Racine, Wis.
Nicholls Wm. H. Co. Inc., 2 College pl, B'klyn, N. Y. *See adv index at end of book*
Owren Casting Co., Attleboro, Mass.
Seligman Arthur (Aluminum), 165 B'way, New York
Turner Machine Co. (Aluminum), 3632 N Lawrence, Phila., Pa.
U. S. Match Plate Co., Holyoke, Mass.

11111— Plates (Mending)

Auer John Jr., (Wrought), 197 Middleton, Brooklyn, N. Y.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Richards-Wilcox Mfg. Co., Aurora, Ill.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

11112—Plates (Number & Letter)

Eagle Lock Co., Terryville, Conn.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
R. & S. Engraving & Die Works, 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book

Plates (Paper)

See Dishes, Plates, etc, Paper

11113— Plates (Perch, Reach & Evener)

Harvey Spring & Forging Co., Racine, Wis.

11114— Plates (Pew)

Everett A. & Son, Auburn, N. Y.
Knight H. W. & Son (Number), Seneca Falls, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

11115— Plates (Piano)

Davenport John Co., Stamford, Conn.
Fairbanks Co., Springfield, O.
Kelly O. S. Co., Springfield, O.
Paragon Foundries Co., Oregon, Ill.
Shriver T. & Co., Harrison, N. J.
Superior Foundry Co., 71st & W. & L. E. Ry., Cleveland, O.
Wenzelman Mfg. Co., Galesburg, Ill.
Wickham Piano Plate Co., Springfield, Ohio

11116— Plates (Pie)

McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
Pollock Paper Co. (Wholesale), 101 Pacific av, Dallas, Texas
Richardson Mfg. Co. ("Perfection" Tin), Bath, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

11117— Plates (Pie, Wood)

Escanaba Mfg. Co., St. Louis, Mo.
Oval Wood Dish Co., Delta, O.
Standard Rope Co., Drexel bldg, Phila., Pa.

11118—Plates (Porcelain Push, Pull, Number, Etc.)

Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

11119-20— Plates (Press)

Carondelet Planing Mill Co. (Wood & Frames for Filter Presses), 5826H S B'way, St. Louis, Mo.
Continental Fibre Co., Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Hard Fibre for Powder Mills, etc), Wilmington, Del. Works: Marshalton, Del. *See adv index at end of book*
Stolz Jos. & Son., Inc., 841 E 136th, New York

11121— Plates (Pump)

Card S. W. Mfg. Co., Mansfield, Mass.

11122— Plates (Rail Joint)

Lackawanna Steel Co. ("Abbott"), Buffalo, N. Y.

11123— Plates (Rapping)

(For Foundry Use)

Benskin Mfg. Co., Canton, O.
Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Diamond Clamp & Flask Co., Richmond, Ind.
Everett A. & Son, Auburn, N. Y.
Federal Malleable Co. ("Fraser"), West Allis, Wis.
Knight H. W. & Son ("Acme"), Seneca Falls, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Shanafelt Mfg. Co., Canton, O.
Timmis & Clissold (Malleable Iron), Bound Brook, N. J.
Wellman Products Co., 1444 E 49th, Cleveland, O.

11124— Plates (Screen)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept H, 14th & State, Chicago Heights, Ill.
Fox River Screen Plate Co., Appleton, Wis.
Hardy Wm. A. & Sons Co. ("Hardy & Pinder"), Fitchburg, Mass.
Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
Judson & Williams, Holyoke, Mass.
Neenah Brass Works, Neenah, Wis.
Rice-Barton & Fales Machine & Iron Co. ("Smith"), Worcester, Mass.
Union Iron Works Co., 20th & Michigan San Francisco, Cal.
Union Screen Plate Co., Fitchburg, Mass.

11125— Plates (Sheared)

Allegheny Steel Co. (Steel), Oliver bldg, Pittsburgh, Pa.
Carbon Steel Co. (Open Hearth Steel), ft 32d. Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
Chrome Steel Works (Acid & Basic Open Hearth Steel), Chrome, N. J.
Glasgow Iron Co., Pottstown, Pa.
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co. (Open Hearth Steel), 208 S La Salle, Chicago, Ill.
Jones & Laughlin Steel Co. (Steel), Ross, Pittsburgh, Pa.
La Belle Iron Works (Basic Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel), Buffalo, N. Y.
Larkin J. K. & Co. (Steel), 253 Broadway, New York. *See adv index at end of book*
Lukens Steel Co. (Open-Hearth Steel), Coatesville, Pa.
McInnes Charles E. & Co., Mariner & Merchants bldg., Phila., Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila, Pa.
REPUBLIC IRON & STEEL CO., Youngstown, O.
See Branch Offices Alphabetical Section
Stolz Jos. & Son., Inc., 841 E 136th, New York
Tennessee Coal, Iron & Railroad Co. (Open-Hearth Steel), Birmingham, Ala.
YOUNGSTOWN SHEET & TUBE CO. (Bessemer & Open Hearth Steel), Youngstown, O.

11125a— Plates (Ship)

Carnegie Steel Co., Carnegie bldg, Pittsbugh, Pa.
Phillips F. R. & Sons Co., N W Cor 15th & Chestnut, Phila., Pa.

11126—Plates (Sill, Carriage)

Bossert Corp., The (Door), cor Linden & West av, Utica, N. Y.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

11127— Plates (Splice)

Bethlehem Steel Co., S. Bethlehem, Pa.
Stolz Jos. & Son., Inc., 841 E 136th, New York

11128— Plates (Spring)

American Shovel & Stamping Co. (For Car Tracks), Lorain, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Union Spring & Mfg. Co., New Kensington, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

11129— Plates (Stair)

Hungerford U. T. Brass & Copper Co. (Brass & Zinc), 80 Lafayette, New York
Lukens Steel Co., Coatesville, Pa.
Painesville Metallic Binding Co., Painesville, Ohio
Zenite Metal Co., Indianapolis, Ind.

11129a— Plates (Steel)

See also Iron & Steel Rolling Mills, Boiler & Tank Plate, also Steel Fire Box Plate
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Childs S. D. & Co., 186 S Clark, Chicago, Ill.
LARKIN J. K. & CO. (All Kinds), 253 Broadway, New York
See adv index at end of book
Simonds Mfg. Co., Lockport, N. Y.
See adv index at end of book
Stolz Jos. & Son., Inc., 841 E 136th, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Worth Steel Co., Claymont, Del.

11130—Plates (Steel Buckled)

Glasgow Iron Co. (For Bridges, Buildings, etc), Pottstown, Pa.

11131—Plates (Steel Etching)

Lippert E. T. Saw Co. (Used in Glass Houses for Decorating Glassware), Millvale, Pa.

11132— Plates (Strain)

Lanz M. Bolt Co. (For Telegraph Poles), 2907H Carson, Pittsburgh, Pa.

11133— Plates (Suction Box)

Union Screen Plate Co. (Bronze), Fitchburg, Mass.

11134— Plates (Surface)

Brown & Sharpe Mfg. Co., Providence, R. I.
Harbor Machine Co. 183 High, Boston, Mass.

Hub Machine Welding & Contracting Co. ("Acme"), 450 N 12th, Phila., Pa.
Thurston Mfg. Co. ("Thurco" For Lapping Dies), 140 Benedict, Providence, R. I.
UNITED MACHINE & MFG. CO. (Standard Cast Iron), Canton, O.
Up-To-Date Tool Co., 81 Wareham, Boston, 18 Mass. *See adv index at end of book*

11135-6— Plates (Switch)

Altoona Iron Co. (Padded), Altoona, Pa.
Bethlehem Steel Co. ("Neversllp" Interlocking), S. Bethlehem, Pa.

11137—Plates (Tie, Railroad)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co., S Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*
Cleveland Railway Supply Co. ("Clary"), Swetland bldg, Cleveland, O.
Delaware Hard Fibre Co. (Hard Fibre), Wilmington, Del. *See adv index at end of book*
Dilworth Porter & Co. (Rail Braces, "Gledon" Flange), 4th & Bingham, Pittsburgh, Pa.
Easton Car & Construction Co. (Industrial), 198 Fulton, New York *See adv index at end of book*
Elyria Iron & Steel Co. (Rolled Steel Flanged Shoulder), 232 E 131st, Cleveland, O.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, Ohio *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Illinois Steel Co. (Bessemer Steel), 208 S La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bk bldg, Chicago, Ill.
Interseate Iron & Steel Co., 104 N Michigan av, Chicago, Ill.
Lackawanna Steel Co., Buffalo, N. Y.
National Malleable Castings Co., 7706 Platt av S. E., Cleveland, O.
New Era Mfg. Co. (Rail Clamp & Rail Brace, Anti-Creeper Combined), Kalamazoo, Mich.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Railroad Supply Co. ("Wolhaupter" Shoulder Flange Flat Bottom Combination"), 203 S Dearborn, Chicago, Ill.
Sellers Mfg. Co. ("Sellers" Anchor Bottom), 332 S Michigan av, Chicago, Ill.
Spencer Otis Co. ("Economy" Screw Spike, etc.), 80 E Jackson blvd., Chicago, Ill.
Steel Car Forge Co. (Rail Brace), Frick bldg, Pittsburgh, Pa.
Track Specialties Co., 29 B'way, New York
Weir Frog Co., Cincinnati, O.
Western Railway Equipment Co. ("Hoerr," Fish Hook), Central Natl. Bank bldg, St. Louis, Pa.
Wharton Wm. Jr. & Co., Easton, Pa.
Whitaker-Glessner Co. ("Economy"), Wheeling, W. Va.

11138—Plates (Tie, Reversible)

New Era Mfg. Co. (Anti-Tip & Anti-Creeper), Kalamazoo, Mich.

11139—*Plates (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

11140— Plates (Turn)

Starr Bros. Bell Co. (Wrought Bronze), East Hampton, Conn.

11141— Plates (Universal)

Carbon Steel Co. (Open Hearth Steel), ft. 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co. (Steel Bridge & Structural), Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Harrisburg Pipe & Pipe Bending Co., Herr nr 10th, Harrisburg, Pa.
Illinois Steel Co. (Bessemer & Open Hearth Steel), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Steel), 1st Nat. Bank bldg, Chicago, Ill.
La Belle Iron Works (Basic Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel), Buffalo, N. Y.
Lukens Steel Co. (Open Hearth Steel Plates of All Kinds), Coatesville, Pa.
McInnes Charles E. & Co., Mariner & Merchants bldg, Phila., Pa.
Midvale Steel & Ordnance Co. (Steel), Widener bldg, Phila., Pa.
Stolz Jos. & Son., Inc., 841 E 136th, New York
United Alloy Steel Corp. (Basic Open Hearth Steel), Canton, O.
Youngstown Sheet & Tube Co. (Bessemer & Open Hearth Steel, "Youngstown"), Youngstown, O.

11142— Plates (Welding)

Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Century Tool & Metal Co. ("Delmas"), 130 N Market, Chicago, Ill.
Chicago Metal Reduction Co. ("Delmar"), 20 W Jackson blvd, Chicago, Ill.
Phillips-Laffitte Co. ("Laffitte" Chemically Weld Iron & Steel), Penna. bldg, Phila., Pa.

11143—Plates (Wire Drawing)

Baker H. & Co., Inc., 101 Duane, New York
Newman Andrew Co., 26 Cortland, New York
Standard Machinery Co. (Adjustable), Providence, R. I.

11143a— Plates (X-Ray)

Cramer G. Dry Plate Co., Dept H, Shenandoah & Lemp avs, St. Louis, Mo.
Ill.

11144— Plates (Zinc)

Am. Zinc Products Co. (Rolled Zinc), Greencastle, Ind.
Ball Brothers Glass Mfg. Company (Rolled Zinc), Muncie, Ind.
Edes Mfg. Co., Plymouth, Mass.
Matthiessen & Harper Zinc Co. (Rolled), La Salle, Ill.
New Jersey Zinc Co. (Rolled), 160 Front, New York
Phillips Ezra & Sons (Pure Rolled, for Boilers), South Hanover, Mass.

11145—Plates & Screws (Leveling)

Wolf Co., Chambersburg, Pa.

11145a—Platforms (Lifting Truck)

Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Youngstown Pressed Steel Co., Warren, O. *See adv index at end of book*

11146—Platforms (Steel Car)

Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.
Gould Coupler Co., 30 E 42d, New York
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Standard Coupler Co. ("Standard"), 30 Church, New York; Works: Bridgeport, Conn.

11147— Plating Apparatus

Bennett & Seeley, Inc., Bridgeport, Conn.
Easton Polishing Supply Co., Easton, Pa.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
National Galvanizing & Plating Equipment Corp., 52 B'way, New York
U. S. Electro Galvanizing Co. (Complete Plants), 36 Stockton, Brooklyn, N. Y.

11148— Plating Works

Aetna Plating Wks. (Jobbers), 126 S Clinton av, Chicago, Ill.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Nickel Works (Nickel), 1415 Dayton, Chicago, Ill.
American Nickeloid Co. (Zinc Sheets & Tin Plates), Peru, Ill.
American Tube & Stamping Co. (Nickel, Brass & Copper), Bridgeport, Conn.
Arcade Mfg. Co. (Nickel), Freeport, Ill.
Artistic Bronze Co. (All Kinds), Bridgeport, Conn.
Auto Plating & Mfg. Co., Cleveland, O.
Bastian Bros. Co. (Gold, Silver), Rochester, N. Y.
Biddle Gaumer Co. (Electro. Gold, Silver, Nickel, Copper, etc), 3846 Lancaster av, Phila., Pa.
Bliss A. H. & Co. (Nickel & Brass), N. Attleboro, Mass.
Bossert Corp., The, cor. Linden & West av, Utica, N. Y.
Boston Brass Co. (Nickel), 135 Bacon, Waltham, Mass.
See adv index at end of book
Boston Nickel Plating Co. (Gold, Silver, Brass, Bronze, Black Nickel & Nickel), 160 Portland, Boston, Mass.
Brown Bros. (Brass, Copper & Nickel), Stamford, Conn.
See adv index at end of book

BROWN BROS.
BRASS FOUNDRY
Jobbers in Brass, Copper and Nickel Plating.
Marine Hardware, Propellers, etc., a specialty.
Send to us for estimates on your work
46-48 Garden St., Stamford, Conn.

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.
Cincinnati Mfg. Co. (All Kinds), Cincinnati, O.
Connecticut Web & Buckle Co. (Nickel), Bridgeport, Conn.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Dayton Plating & Mfg. Co., Dayton, O.
Delaware Marine Mfg. Co. (Brass & Bronze), Wilmington, Del.
Detlaff A. J. Co., 121 E Lafayette, Detroit, Mich.
Devlin Thos. Mfg. Co. (Electro Plating in Gold, Silver, Nickel, Brass & Bronze), 3d & Lehigh av, Phila., Pa.
Domestic Plating Works Co., 1131 Washington blvd, Chicago, Ill.
Drapery Hardware Mfg. Co., 87 35th, Brooklyn, N. Y.
Economy Gas Lamp Co. (Brass, Copper & Bronze), Kansas City, Mo.
Edstrand & Olson (Nickel, etc), 159 N Jefferson, Chicago, Ill.
Edwardsville Brass Co. (Nickel, Electro, etc), Edwardsville, Ill.
Empire Nickel Plating Works, Troy, N. Y.
Enterprise Brass & Plating Co., 6th & Baymiller, Cincinnati, O.
Excelsior Brass Works (Gold, Silver, Brass, Nickel, Copper & Oxidizing), Reading, Pa.
Excelsior Nickel Plating Works (Nickel, Brass & Copper), 40 Clifford, Providence, R. I.
Flavin W. H. & Co. (Nickel & Brass), 247 Centre, New York
Frazer & Jones Co. (Nickel, Brass & Copper), Syracuse, N. Y.
Fries A. G. Plating Co. (Plating & Polishing), 200 Terrace, Buffalo, N. Y.
Fries & Co., 91 Main, Buffalo, N. Y.
Genesee Plating Works, Rochester, N. Y.
Giles & Nielsen Nickel Works (Nickel, Copper, Brass & Silver), Troy, N. Y.
Globe Machine & Stamping Co. (Nickel, Brass, Copper, Zinc, Silver, etc), 1250 W 76th, Cleveland, O.
Globe Nickel Plating Co. (Nickel), 15 Chardon, Boston, Mass.
Gray Iron Foundry Co. (All Kinds), Reading, Pa.
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Hassall (John (Inc.), (Nickel, Brass, Copper, Silver, etc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hopson & Chapin Mfg. Co., New London, Conn.
Howard Jas. L. & Co. (Brass, Bronze,
Imperial Brass Mfg. Co. (Gold, Nickel, Silver, etc.), 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Ingraham A. S. Co. (Nickel, Silver, etc), Attleboro, Mass.
Kalamazoo Plating Works (Copper, Brass & Nickel), Kalamazoo, Mich.
Kienzle Wm. F. (Gold, Silver, Oroide, Brass & Nickel), 4855 N Paulina, Chicago, Ill.
Kleeman L. F. Mfg. Co. (Nickel, etc), 1923 Central, Kansas City, Mo.
Konigslow E Stamping & Tool Works (Electro Nickel, Copper, Brass, Bronze), Cleveland, O.
Loeffelholz Co. (Silver & Nickel), Milwaukee, Wis.
Matthews H. A. Mfg. Co. (Nickel, Copper & Brass, Seymour, Conn.
Matthews Mfg. Co. (Brass, Copper & Nickel), 104 Gold, Worcester, Mass.
Maynard Mfg. Co. (Nickel, etc.), Waltham, Mass.
Mechanical Plating Wks., 616 W Monroe, Chicago, Ill.
Miller J. Walter Co., Lancaster, Pa.
Mills Wm. J. (Gold, Silver & Nickel Plating), 25 Bainbridge, Brooklyn, N. Y.
Mohegan Tube Co. (Nickel, Brass & Copper), 306 Scott av, Brooklyn, N. Y.
National Mfg. & Electro Plating Co. (All Metals), 16 Calender, Providence, R. I.
Naugatuck Mfg. Co. (Copper Depositing), Naugatuck, Conn.
Nehls Barney, 248 Brush, Detroit, Mich.
New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.
Newfield Silver Mfg. Co. Inc. (Barrel, Gold, Silver, Copper & Brass), Bridgeport, Conn.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio *See adv index at end of book*
New York Nickel Plating & Mfg. Co. (Nickel, Brass, Bronze & Copper), 327 E 63d, New York
Nicol & Co., 218 N Jefferson, Chicago, Ill.
North & Judd Mfg. Co. (Gold, Silver, Brass, Copper & Nickel), New Britain, Conn.
North Star Spinning & Mfg. Co., St. Paul, Minn.
Norwich Nickel & Brass Co. (Nickel, Copper & Silver), Norwich, Conn.
Pfeiffers John Plating Works, Syracuse, N. Y.
Philadelphia Hardware & Malleable Iron Yorks, 9th & Jefferson, Phila., Pa.
Phoenix Metal Stamping Co. (Nickel, Brass & Copper), 2327H W Fletcher, Phila., Pa.
Providence Electrotyping & Plating Works (Gold, Brass, Silver, Copper & Nickel), 78 Friendship, Providence, R. I.
Pullman Ventilator & Mfg. Co., York, Pa.
Racine Malleable & Wrought Iron Co. (Nickel, etc.), Racine, Wis.
Reed & Prince Mfg. Co. (Nickel), Brass & Copper), Worcester, Mass.
Rockford Metal Specialty Co., Rockford, Ill.
Roesch Bros. Plating Works (Nickel, Brass & Copper), Belleville, Ill.

PLATING WORKS—continued
Schatz Mfg. Co. (Plating, Polishing, etc), Poughkeepsie, N. Y.
Seneca Brass & Plating Works, Utica, N. Y.
Sessions J. H. & Son (Brass, Nickel & Bronze Plating & Polishing), Bristol, Conn.
Sievering Philip (Nickel, Copper & Brass), 408 Broome, New York
Snow Wire Works Co., Rochester, N. Y.
Southern Brass Mfg. & Plating Co., Houston, Tex.
Spencers' I. S. Sons Inc. (Nickel, Brass, etc.), Guilford, Conn.
Standard Plating Works, York, Pa.
Star Nickel Plating Works, 232 N 5th, Phila., Pa.
Strater Herman & Sons (Gold, Silver & Nickel), 74 Sudbury, Boston, Mass.
Tri-Continental Corp., 2665 Main, Buffalo, N. Y.
Turner Brass Works, Sycamore, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
Union Polishing & Plating Co., Rochester, N. Y.
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
U. S. Electro Lead Plating Co., 1930 W 77th, Cleveland, O.
Weiskittel A. & Son Co. (Nickel Platers, Enamelers, etc.), 12th & E Lombard, Baltimore, Md.
West Side Foundry Co. (Nickel), Troy, N. Y.
Wisconsin Foundry & Steel Works (Nickel & Copper), Cedar Grove, Wis.

11149—Platinoid (Non-Fusing)

Manhattan Dental Co., Times bldg, New York

11150— Platinum

American Platinum Works (Specialties), 231 N J R R av, Newark, N. J.
Austin John & Son (Refined), 74 Clifford, Providence, R. I.
Baker Geo. M. Co. (Refiners), 91 Page, Providence, R. I.
Baker & Co. (Special Shape), 54 Austin, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.
Bishop J. & Co. (Refiners & Melters, Wire, Plate, Tubes & Special Shapes), Malvern, Pa.
Goldsmith Bros. Smelting & Refining Co., Heyworth bldg, Chicago, Ill.
Guiterman, Rosenfeld & Co. (Imp.), 35 S William, New York
Niehoff Paul G. & Co., 232 E Ohio, Chicago, Ill.
Platt Co. Charles S., 101 Park av, New York
Roessler & Hasslacher Chemical Co. (Jobbers), 709 6th av, New York
South American Gold & Platinum Co. (Miners & Imp.), 61 B'way, New York
Whipple & Campbell Co., 488 S Main, Providence, R. I.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

11151— Platinum Chloride

WILSON H. A. CO., 99 Chestnut, Newark, N. J.

11152—Platinum Crucibles & Dishes

American Platinum Works, Oliver & N J R R av, Newark, N. J.
Bishop J. & Co., Malvern, Pa.
Braun-Knecht-Heimann Co. (Sugar Dishes & Water Analysis Dishes), 576-584 Mission, San Fransisco, Cal.

11153— Platinum Foil

American Platinum Works (Very Soft), 231 N J R R av, Newark, N. J.
Bender Henry, 42 Walnut, Newark, N. J.

11154— Platinum Gauze

American Platinum Works, 231 N J R R av, Newark, N. J.

11155— Platinum (Imitation)

Manhattan Dental Co. ("Platinoid"), Times bldg, New York

11156—Platinum-Iridium Balls

American Platinum Works, 231 N J R R av, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.

11157— Platinum Melting Outfits (Jewelers' & Refiners')

Jewelers' Technical Advice Co., 14 John, New York

11158—Platinum Sheet & Wire

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Platinum Works (Soft & Hard), 231 N J R R av, Newark, N. J.
Baker & Co. (Also Iridio Platinum), 54 Austin, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.
Bishop J. & Co., Malvern, Pa.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

11159—Playground & Gymnasium Equipment

American Playground Device & Swing Co., Terre Haute, Ind.
Ashland Mfg. Co., Ashland, O.
Cullum & Boren Co., Dallas, Texas.
Everwear Mfg. Co., Springfield, O.
Health Merry Go-Round Co., Quincy, Ill.
Hellenberg J. B. Co. (Indoor Wood Sporting Goods), Coldwater, Mich.
Jack & Jill Co. (Seesaws), 211 Calumet, St. Louis, Mo.
MEDART FRED MFG. CO., St. Louis, Mo.
See adv index at end of book
Narragansett Machine Co. ("Standard"), Providence, R. I.
Rolfe Iron Co. (Playground Apparatus), 36th & I. C. Tracks, Chicago, Ill.
Safety First Supply Co. ("Diamond"), 107 Third av, Pittsburgh, Pa.
Spalding A. G. & Bros., 126 Nassau, New York
Tothill W. S., 1815 Webster av, Chicago, Ill.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.

11160— Playing Card Mfrs.

Dougherty Andrew, 432 4th av, New York
New York Consolidated Card Co., 4th & Webster av, Long Island City, N. Y.
Russell Playing Card Co., Millitown, N. J.
Standard Playing Card Mfg. Co. ("Standard"), 345 W Austin av, Chicago, Ill.
U. S. Playing Card Co. ("Bicycle," "Congress"), Park av, Norwood, Cincinnati, O.

11161— Pliers (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.

11162— Pliers (Burner)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Danielson J. P. & Co., Jamestown, N. Y.

11162a— Pliers (Combination)

See also Pliers & Nippers

Bonney Forge & Tool Works, Allentown, Pa.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Erie Tool Works, Erie, Pa.
Herbrand Co., Fremont, O.
National Plier Co. ("National"), 67 Forest av, Buffalo, N. Y.
Reed Mfg. Co., Erie, Pa.
Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio

11163— Pliers (Expansion)

STARRETT L. S. CO. (THE) ("Starrett" Drop Forged), Athol, Mass.
See adv index at end of book

11164— Pliers (Fencing)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Co., Jamestown, N. Y.
Cronk & Carrier Mfg. Co. ("Cronk's" Staple Puller), 150 Lake, Elmira, N. Y.
See adv index at end of book
Forged Products Co. ("Gibraltar" Drop Forged), Conway bldg, Chicago, Ill.
Irvington Mfg. Co., Irvington, N. J.
Kilborn & Bishop Co. ("K. & B."), 194 Chapel, New Haven, Conn.
PECK, STOW & WILCOX CO. (Pexto), Southington, Conn.
See adv index at end of book
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO. INC. ("Red Devil," Drop Forged), 261 H. B'way, New York; 130 H. Coit, Irvington, N. J.
See adv index at end of book
Utica Drop Forge & Tool Co., Utica, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

11165— Pliers (Gas)

Barcalo Mfg. Co. (Combination), Buffalo, N. Y.
Barnett Oscar Foundry Co. ("Barnett"), Irvington, N. J.
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati O. *See adv index at end of book*
Crescent Tool Co. ("Simplex," "Cee Tee Co," "Crescent," "Motor Kit" Universal & Thin Bent Nose, Combination Drop Forged Gas, Pliers, Wire Cutter, Wrench & Screw Driver), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Danielson J. P. & Co., Jamestown, N. Y.
Erie Tool Works (Combination), Erie, Pa.
Forged Products Co. ("Gibraltar" Drop Forged), Conway bldg, Chicago, Ill.
Gray Iron Foundry Co., Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Herbrand Co., Fremont, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
OSBORNE C. S. & CO., Box 183, Newark, N. J. *See adv index at end of book*
PECK, STOW & WILCOX CO. (Pexto), Southington, Conn.
See adv index at end of book
Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Rubber Insulated Metals Corp. ("Rimco" Insulated), Plainfield, N. J.
Schollhorn Wm. Co. New Haven, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil" Drop Forged), 261H B'way, New York, 130H Coit, Irvington, N. J.
See adv index at end of book
Standard Shoe Machinery Co., Lawrence, Mass.
Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.
Utica Drop Forge & Tool Co., Utica, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 Carroll av, Chicago, Ill.
Walworth Mfg. Co., 798 1st, Boston, Mass.
Washington Tool Co., Owatonna, Minn.
Williams A. C. Co., Ravenna, O.

11166—Pliers (Glass Cutters')

Kraeuter & Co., 583 18th av, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
SMITH & HEMENWAY CO. INC., 261H B'way, New York, 130H Coit, Irvington, N. J.
See adv index at end of book
Stortz Jno & Son, 210 Vine, Phila., Pa.

11167—Pliers (Lead Pipe Expanding)

Anderson Wrench Co., Portland, Conn.
Yonts C. H. & Co., Meadville, Pa.

11168— Pliers (Lineman's)

Buhrke R. H. Co. (Pocket), 1250H Fullerton av, Chicago, Ill.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co., Columbus, Ind.
Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. (Insulated & Non-Insulated), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Irvington Mfg. Co., Irvington, N. J.
Klein, Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Osborne C. S. & Co. (Side Cutting), Box 183, Newark, N. J.
See adv index at end of book
PECK, STOWE & WILCOX CO. (Mica Handle "Pexto"), Southington, Conn.
See adv index at end of book
Ransom Concrete Machinery Co., Dunellen, N. J.
Robinson M. W. Co. ("Klein" Pattern), 296 B'way, New York
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil," Drop Forged), 261H B'way, New York, 130H Coit, Irvington, N. J.
See adv index at end of book
Utica Drop Forge & Tool Co., Utica, N. Y.

11169-70-1—Pliers (Piano Makers')

Kraeuter & Co., 583 18th av, Newark, N. J.

Pliers (Pressed Steel)

See Pliers & Nippers

11172— Pliers & Nippers

See also Clinchers; also Pliers, Gas

Barcalo Mfg. Co. (Adjustable Combination Pliers), Buffalo, N. Y.
Barnett Oscar Foundry Co. (Combination Pliers, etc), Irvington, N. J.
Bergman Tool Manufacturing Co. (Pliers Only, Combination), Buffalo, N. Y.
Bernz Otto (Cutting, Combination, etc), 17-37 Ashland, Newark, N. J.
Billings & Spencer Co. ("B. & S." Cutting Combination, Gas, Pliers, etc.), Hartford, Conn.
See adv index at end of book
Bonney Forge & Tool Works (Combination Pliers), Allentown, Pa.
Bridgeport Hardware Mfg. Corp. ("No. 118 Universal," Side Cutting Pliers, "132" End Cutting Nippers), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Hdwe. Co., Geneva, Ohio

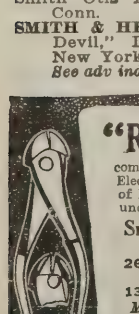
Cincinnati Tool Co. (Combination Pliers, etc), Norwood, Cincinnati, O.
See adv index at end of book
Crescent Tool Co. ("Crescent," "Simplex" Drop Forged Combination Gas Pliers, Wire Cutter & Screw Driver Combined), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. (Combination Pliers), 150 Lake, Elmira, N. Y.
See adv index at end of book

No. 294 Cronk Slip Joint Plier



The Cronk & Carrier Mfg. Co.
150 Lake Street **Elmira, N. Y.**

Cushman Auto Tool Co. (Combination Pliers), Champaign, Ill.
Danielson J. P. & Co. (Side Cuting Combination Pliers Only), Jamestown, N. Y.
Dicke Tool Co. (Combination, Wireman's, etc), Downers Grove, Ill.
Dudley Tool Co., Menominee, Mich.
Erie Tool Works, Erie, Pa.
Forged Products Co. ("Gibraltar") Conway bldg, Chicago, Ill.
Goodell-Pratt Co. (Combination Pliers), Greenfield, Mass.
Grey Iron Casting Co. (Auto & Gas Pliers & Wire Nippers, etc), Mt. Joy, Pa.
Herbrand Co. (Combination Pliers, Wire Cutter & Screw Drivers), Fremont, O.
Higganum Hdw. Co. ("Acme"), Higganum, Conn.
Hjorth Wm. & Co. (Also Pocket Pliers, "Hjorth" Bent Nose Pliers and Combination Pliers), Jamestown, N. Y.
Irving Mfg. & Tool Co. ("Button's" Combination Pliers), 157 Chambers, New York
Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.
Kilhorn & Bishop Co. (Forged Combination & Gas Pliers), 194 Chapel, New Haven, Conn.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Kraeuter & Co. (Combination), 533 18th av, Newark, N. J.
LAKESIDE FORGE CO., Erie, Pa.
See adv index at end of book
McKaig Hatch, Inc., 1590 Niagara, Buffalo, N. Y.
Mathias Hart Co., 516 Atlantic av, Boston, Mass.
Mechanics Tool Co., Rockford, Ill.
Montgomery & Co., 105 Fulton, New York
Mossberg, Frank Co. ("Diamond," "Sterling" Slip Joint Pliers), Attleboro, Mass.
National Plier Co. ("National" Combination Hammer Head, Tin Snip, Slip Joint Pliers), 67 Forest av, Buffalo, N. Y.
Neverslip Works, The ("Neverslip" Side Cutting Pliers), New Brunswick, N. J.
Osborne C. S. & Co. (Gas, Saddlers', etc.), Box 183, Newark, N. J.
See adv index at end of book
PECK, STOW & WILCOX CO. (Round & Flat Nose, "Pexto," etc.), Southington, Conn.
See adv index at end of book
Penn Inc., A. C., 100 Lafayette, New York
Porter H. K., Union Bk. bldg, Everett, Mass. *See adv index at end of book*
Robinson M. W. Co. ("Klein" Pattern), 296 B'way, New York
Rubber Insulator Metals Corp. ("Rimco"), Plainfield, N. J.
Sayre L. A. Co. ("Hercules," "Champion" Fence Pliers), 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's," "Paragon," Pliers & Nippers Combined), New Haven, Conn.
Schuckhardt & Schutte, ("Lindstrom" S. & S.), 90 West, New York
Smith H. D. & Co. ("Enchased Joint," Slotcutting Pliers), Plantsville, Conn.
Smith Otis A. (Side Cutting), Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged), 261H B'way, New York, 130H Colt, Irvington, N. J.
See adv index at end of book



"Red Devil" Pliers

comprise a complete line for Linemen, Electricians and all mechanics. Made of highest grade drop-forged steel and unconditionally guaranteed.

Smith & Hemenway Co., Inc.

N. Y. Sales and Export Office:
261H Broadway, New York City
Main Office and Factory:
130H Colt Street, Irvington, N. J.
Manufacturers of "Red Devil" Glass Cutters, Bits, Hack Saws, Snips, Screwdrivers, etc.
Send for Tool Booklet

Standard Shoe Machinery Co., Lawrence, Mass.
Syracuse Twist Drill Co. ("Hero" & "Syracuse" Combination), Borden av, Syracuse, N. Y.
Thomson Drop Forge Co. (Combination Pliers, etc), Plantsville, Conn.
U. S. Lock & Hardware Co. (Adjustable), Columbia, Pa.
Utica Drop Forge & Tool Co. (Cutting, etc), Utica, N. Y.
Vande Water Mfg. Co., Newburgh, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vom Cleff & Co., 105 Duane, New York
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Walworth Mfg. Co. (Gas, etc), Boston, Mass.
Williams A. C. Co., Ravenna, O.
Winchester Repeating Arms Co. ("Winchester"), New Haven Conn.
Wrightsville Hardware Co. (Gas & Nose Pliers), Wrightsville, Pa.

11172a— Plodders (Soap)

Houchin Aiken Co., 113 53rd, B'klyn, N. Y.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

11173— Plow Beams (Steel)

Buffalo Steel Co. (Bessemer), Tonawanda, N. Y.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Harriman Mfg. Co., Harriman, Tenn.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Shunk Plow Co., Bucyrus, O.

11174—Plow Beams (Wood)

Galloway Kennedy Co., Clarendon, Ark.
Peckinpaugh, Harrison & Co., Alton, Ind.

11175— Plow Coulters

Avery B. F. & Sons ("Moon" Knife & Rolling), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Brinly Hardy Co. (Rolling), Louisville, Ky.
Cambria Steel Co., Widener bldg, Phila., Pa.
Case J. I. Plow Works, Racine, Wis.
Clayton John Plow Co. ("Universal"), Minneapolis, Minn.
Collins Plow Co., Quincy, Ill.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Galesburg Coulter Disc Co. ("Sandoval," "Gaylord"), Galesburg, Ill.
Hartman Mfg Co. ("Acme" Jr., "Acme Improved" & Sr.), Vincennes, Ind.
Hench & Dromgold Co., York, Pa.
Herschel R. Mfg. Co., Peoria, Ill.
La Crosse Plow Co. ("La Crosse," "Jointer"), La Crosse, Wis.
Mason F. C. & Co., St. Johns, Mich.
Moline Plow Co. ("New Universal" Roller), Moline, Ill.
Moore, C. H. Toledo, O.
Noll Bros., 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co. ("Bissell," "Ohio"), Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Universal," "Rock Island"), Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Sparta Plow Works ("Crothers," "Adjustable"), Sparta, Ill.
Star Coulter Co. ("Star"), Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson Plow & Engine Works, Beloit, Wis.
Weyburn Co. ("Ideal" Rolling), Rockford, Ill.
Wills Mfg. Co., Mendota, Ill.

11176— Plow Jointers

Noll Bros., 849 Allis, Milwaukee, Wis.
Oliver Chilled Plow Works, South Bend, Ind.

11177— Plow Mfrs.

Adams S. & Son, Rome, N. Y.
Allen Chas. G. Co., Barre, Mass.
American Road Machinery Co., Kennett Sq., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's G. W. Son, Ionia, Mich.
Aughe Plow Co., Dayton, O.
Avery B. F. & Sons (Chilled Steel), Louisville, Ky.
Babcock Mfg. Co., Leonardsville, N. Y.
Bailey E. M. & Son, Leraysville, Pa.
Barnes Mfg. Co., Lanesboro, Pa.
Becholt Geo. E., Urbana, O.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Billups C. Son & Co. "Champion," "Climax," "New Era"), Norfolk, Va.
Blount Plow Works, Evansville, Ind.
Bostick Stove Co., Lapeer, Mich.
Bradley P. & Sons, Harrisonburg, Va.
Brillion Iron Works, Brillion, Wis.
Brinly Hardy Co. (Hand Welded Steel Point), Louisville, Ky.
Bronson Wm. & Hy. ("Roxbury," "Southbury" Walking), Roxbury, Conn.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co. ("Imperial" Chilled Steel Combination), Canton, O.
Burch Plow Works Co. (Wood Beam Steel Road), Crestline, O.
Cal Plow Co., 140H Polhenus, San Jose, Cal.
Call-Watt Co. ("Watt"), Richmond, Va.
Case J. I. Plow Works, Racine, Wis.
Caward R. S., Cresco, Iowa
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Plow Co. ("Chattanooga" Chilled), Chattanooga, Tenn.
Clore Wm. H. Mfg. Co. ("Star"), Washington, Ind.
Collins Co. (Gang & Wheel Walking), Collinsville, Conn.
Collins Plow Co., (Walking or Riding), Quincy, Ill.
Columbia Plow Works (Chilled), Copake Falls, N. Y.
Cutaway Harrow Co., Higganum, Conn.
Deere & Co., Moline, Ill.
Disc Grader and Plow Co., 400 N E Pierce, Minneapolis, Minn.
Donaldson Bros. (Steel & Wood Rim), Mount Clemens, Mich.
Dutton E. Q. & Co. (Walking), Cato, N. Y.
Eddy W Plow Co, Greenwich, N Y.
Emerson-Brantingham Co. ("E.-B."), Rockford, Ill.
Empire Plow Co. (Middleburster & Planter Bottom), 3140 E 65th, Cleveland, O.
Evans B. A., Hammond, N. Y.
Fair Geo. & Son, Blaine, Mich.
Fairfield Plow Works, North Fairfield, O.
Fonda F. A., East Galway, N. Y.
Fresno Agricultural Works, Fresno, Cal.
Gale Mfg. Co. (3-Wheel Sulky, 3-Wheel Gang, Riding, & One, Two & Three-Horse Walking), Albion, Mich.
Gantt Mfg. Co., Macon, Ga.
Glasow Fred, Fond Du Lac, Wis.
Godfrey H. M. (Walking), Jonesburg, Mo.
Good Roads Machinery Co., Kenneth sq, Pa.
Gowanda Agricultural Works (Steel), Gowanda, N. Y.
Grand Detour Plow Co. (Listing), Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hall Jas. H. Plow Co., Maysville, Ky.
Hamachek Frank, Kewaunee, Wis.
Hamburg Plow Works, Hamburg, Pa.
Hapgood Plow Co., Alton, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Hartig W. F. Plow Co., Evansvile, Ind.
Hunter Chas. E., Farmers' Friend Plow Works, Fredericksburg, Va.
Hussey Plow Co., N. Berwick, Me.
Janesville Machine Co., Janesville, Wis.
Kaster P. M., Rimersburg, Pa.
Kelly G. A. Plow Co., Longview, Tex.
Kennehan P. E. Son & Co. Brasher, Fonda, N. Y.
Kerns T. A., Sutherlin, Va.
Keystone Machine Co., York, Pa.
La Crosse Plow Co., La Crosse, Wis.
Leader Plow Co., Staunton, Va.
Leroy Plow Co., Leroy, N. Y.
Logan Foundry & Machine Co., Logan, O.
Lynchburg Foundry Co. (Chilled Walking), Lynchburg, Va.
Lyon Iron Works, Greene, N. Y.
Madison Plow Co., Madison, Wis.
May Wm. H. & Son, Alexandria, Va.
Moline Plow Co., Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Moore Plow & Implement Co. (Walking), Greenville, Mich.
Munnsville Plow Co., Munnsville, N. Y.
Murkland John W. Co., Barton, Vt.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works (Chilled & Steel), South Bend, Ind.
Painter & Frankland, Albion, Ill.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, O.
Pattee Plow Co., Monmouth, Ill.
Peek's S. H. Sons (Steel), East Aurora, N. Y.
Peppler Thos. Son & Co. ("Riggs" Improved), Hightstown, N. J.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co., Springfield, Ill.
Ripson Wm. & Son, Youngstown, N. Y.
Rockford Mfg. Co., Rockford, Ill.
Rock Island Plow Co. (Chilled & Steel), Rock Island, Ill.
Rowell I. B. Co. (Riding or Walking), Waukesha, Wis.
Rubottom Plow Factory, Felton, Cal.
Sanders, Newell Plow Co., Chattanooga, Tenn.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Shaw H. C. Co., Stockton, Cal.
Shunk Plow Co., Bucyrus, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Chilled Plow Co. (Chilled), South Bend, Ind.
Southern Plow Co. (New Ground), Columbus, Ga.
Southern Plow Co., Dallas, Tex.
Sparta Plow Works, Sparta, Ill.

PLOW MFRS.—continued
Spinner Ed. F., Ava, Ill.
Starke's Dixie Plow Works, Richmond, Va.
Stoughton Wagon Co., Stoughton, Wis.
Stroker Fritz C. & Son, Olney, Mo.
Stroud & Co., Omaha, Neb.
Sturgis W. B. & Sons, Shelbyville, Ill.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Swinton & Co., Port Jervis, N. Y.
Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.
Texas Disc Plow Co., Dallas, Tex.
Thornburgh Mfg. Co., Bowling Green, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Vulcan Plow Co. (Chilled & Steel), Evansville, Ind.
Watt Plow Co., Richmond, Va.
Wayne Agricultural Works, Goldsboro, N. C.
Western Wheeled Scraper Co., Aurora, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
White's S. R. Sons (New Ground or Grub), Norfolk, Va.
Wiard Plow Co. (Chilled & Steel) Batavia, N. Y.
Wilder-Strong Implement Co, Monroe, Mich.
Yuba Mfg. Co., Marysville, Cal. & 433 California, San Francisco, Cal.

11177a— Plow Stocks

Atlanta Plow Co., Atlanta, Ga.
Avery B. F. & Sons, Louisville, Ky.
Brinly-Hardy Co., Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Emerson-Brantingham Co., Rockford, Ill.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Kelly G. A. Plow Co. (Wood & Steel), Longview, Tex.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co. (Wood & Steel Beam), Columbus, Ga.
Swanson Plow Co., Muskogee, Okla.
Towers & Sullivan Mfg. Co., Rome, Ga.
White's, S. R. Sons ("Georgia Ratchet," "Bent Foot"), Norfolk, Va.

11178— Plows (Asparagus)

Wyckoff Bros., Hightstown, N. J.

11179—Plows (Auto or Motor)

Boenker H. H. Motor Plow Co., St. Charles, Mo.
Denning Tractor Co., Cedar Rapids, Ia.
Hackney Mfg. Co., St. Paul, Minn.

Plows (Ballast)

See Ballast Loaders & Unloaders

11180— Plows (Beet)

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Oliver Chilled Plow Works, South Bend, Ind.

11181— Plows (Breaking)

American Road Machinery Co., Kennett Square, Pa.
Avery B. F. & Sons, Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Burch Plow Works Co., Crestline, O.
Case J. I. Plow Works (Black & Sand Land, Turf & Stubble, Brush & Prairie Breakers), Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("E.B." Walking & Riding Engine), Rockford, Ill.
Gale Mfg. Co., Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Hench & Dromgold Co., York, Pa.
La Crosse Plow Co., La Crosse, Wis.
Lee Bros., Watertown, S. Dak.
Madison Plow Co., Madison, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Moline," "Scotch Clipper"), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("Canton" for Tractor), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Schuerenberg F. W. (Also Wagons), Brenham, Tex.
Shunk Plow Co. (Steel, Street, etc), Bucyrus, O.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co. (Steel), Columbus, Ga.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Vulcan Plow Co., Evansville, Ind.
White's S. R. Sons ("Clipper," "Atlas," "D-Arrow," "White's Chilled" Grub), Norfolk, Va.

11182— Plows (Clay)

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Stroud & Co., Omaha, Neb.

11183— Plows (Contractors')

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett Square, Pa.
American Steel Scraper Co. ("American" Steel Road), Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Blount Plow Works (Railroad), Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Collins Plow Co. ("Boss," "Giant," "District," 2 to 12 Horses), Quincy, Ill.
Deere & Co., Moline, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fresno Agricultural Works, Fresno, Cal.
Good Roads Machinery Co., Kennett Square, Pa.
Gowanda Agricultural Works (Grading), Gowanda, N. Y.
Jeschke Edw. ("Cyclone Jr."), Bellevue, O.
KILBOURNE & JACOBS MFG. CO., Columbus, Ohio.
See adv index at end of book
Le Roy Plow Co., Le Roy, N. Y.
Moline Plow Co., Moline, Ill.
Munnsville Plow Co. ("Hercules"), Munnsville, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Road), Canton, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Rock Island Plow Co., Rock Island, Ill.
Russell Grader Mfg. Co. (Road), 2005 Univ. av, S E, Minneapolis, Minn.
Shunk Plow Co., Bucyrus, O.
Sidney Steel Scraper Co. ("Sidney" All Steel Rooter), Sidney, O.
Slusser-McLean Scraper Co. ("Early Bird"), Sidney, O.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis. *See adv index at end of book*
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Chilled Plow Co., South Bend, Ind.
STROUD & CO. ("Stroud"), Omaha, Neb.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson Plow & Engine Works, Beloit, Wis.
Vulcan Plow Co. (Road), Evansville, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wiard Plow Co., Batavia, N. Y.
Woodhouse J. S. Co., 191 Water, New York

11184— Plows (Corn)

De Shay D. H. (Arch Top Double), Elysburg, Pa.
La Crosse Plow Co., La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean" Riding & Walking), Mansfield, Ohio
Oliver Chilled Plow Works, South Bend, Ind.
Rock Island Plow Co. ("Climax"), Norfolk,

11185— Plows (Cotton)

Billups C Son & Co. ("Climax"), Norfolk, Va.
White's S. R. Sons (Inc.) ("Carolina," "Stonewall"), Norfolk, Va.

11186—Plows (Disc or Rotary)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Avery B. F. & Sons, Louisville, Ky.
Cal. Plow Co., 10H Polhenus, San Jose, Cal.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Cutaway Harrow Co. (Disc Sulky), Higganum, Conn.
Deere John Plow Works, Moline, Ill.
Disc Grader & Plow Co., 400 N E Pierce, Minneapolis, Minn.
Emerson-Brantingham Co. ("E-B") Rockford, Ill.
Grand Detour Plow Co., Dixon, Ill.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. (Rotary), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Racine-Sattley Co. ("Sattley." "Hancock Jr."), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sanders Newell Plow Co. ("Sanders"), Chattanooga, Tenn.
South Bend Chilled Plow Co., South Bend, Ind.
Stroud & Co. (For Elevating Graders), Omaha, Neb.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Texas Disc Plow Co., Dallas, Tex.

Plows (Ditching)

See Plows, Contractors'

11187— Plows (Gang)

Avery B. F. & Sons, Louisville, Ky.
Avery Co. ("Avery"), Peoria, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Collins Co., Collinsville, Conn.
Collins Plow Co., Quincy, Ill.
Cutaway Harrow Co. (Disc), Higganum, Conn.
Deere & Co. (Disc), Moline, Ill.
Emerson-Brantingham Co. ("E-B") Orchard & Vineyard, Rockford, Ill.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Greenville Implement Co. (Walking), Greenville, Mich.
Hapgood Plow Co., Alton, Ill.
Janesville Machine Co., Janesville, Wis.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Little Dutchman" Engine, Moldboard & Disc), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Two or Three Furrow, Riding or Walking), Canton, Ind.
Peppler Thomas, Son & Co., Hightstown, N. J.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Stawana" "Hummer"), Springfield, Ill.
Rockford Mfg. Co. ("Farm Queen," "Rockford"), Rockford, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
Rowell I. B. Co. (Riding & Walking), Waukesha, Wis.
Shaw H. C. Co., Stockton, Cal.
South Bend Chilled Plow Co. ("Casady," High Lift Tractor Plows, "New South Bend," "Captor" Horse & Power), South Bend, Ind.
Spalding Tilling Machine Co. ("Spalding," Deep Tilling), Cleveland, O.
Sparta Plow Works, Sparta, Ill.
Stroud & Co., Omaha, Neb.
Swanson Plow Co., Muskogee, Okla.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.

Plows (Gang, Steam)

See Plows, Gang, Traction Engine

11188—Plows (Gang, Traction Engine)

Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Avery Co. ("Avery"), Peoria, Ill.
Case J. I. Threshing Machine Co. ("Case"), Racine, Wis.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("E.-B." Disc & Mold Board, Plain & Power Lift), Rockford, Ill.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Flying Dutchman"), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Mold & Disc Styles), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Reschke Machine Works, Wichita, Kans.
Rumely Leo Tractor Co. ("Rumely"), La Porte, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.

11189—Plows (Gang, Wheel)

Avery B. F. & Sons, Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works ("New Foot Lift" Medium & Heavy Duty Power Lift for Tractors), Racine, Wis.
Deere & Co., Moline, Ill.
Donaldson Bros., Mt. Clemens, Mich.
Hapgood Plow Co., Alton, Ill.
Janesville Machine Co., Janesville, Wis.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Best Ever" & "Good Enough"), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton," "Success," "Diamond," Vineyards), Canton, Ill.
Racine-Sattley Co., Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rowell I. B. Co., Waukesha, Wis.
Shaw H. C. Co. ("Stockton Reversible"), Stockton, Cal.
South Bend Chilled Plow Co. ("Captor," "New South Bend," "Casaday" Horse & Power), South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11190-1-2—Plows (Garden)

Akron Cultivator Co., Akron, O.
Alexander Mfg. Co., Ames, Ia.
Allen S. L. & Co., 5th & Glenwood, Phila., Pa.
American Fork & Hoe Co., Swetland bldg. Cleveland, Ohio

Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bridgewater Plow Corp. ("Superior"), Bridgewater, Va.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Burch Plow Works Co., Crestline, O.
Case J. I. Plow Works, Racine, Wis.
Crescent Forge & Shovel Co. (Wheel), Havana, Ill.
Deere & Co., Moline, Ill.
Dutton E. Q. & Co., Cato, N. Y.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Gale Mfg. Co., Albion, Mich.
Greenville Implement Co., Greenville, Mich.
Harriman Mfg. Co., Harriman, Tenn.
Henry & Allen (Cultivators), Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Hobson & Co., Easton, Pa.
Leader Plow Co., Staunton, Va.
Lean Roderick Mfg Co. ("Roderick Lean"), Mansfield, O.
Madison Plow Co., Madison, Wis.
Moore Plow & Implement Co., Greenville, Mich.
National Drill Co., Cambridge City, Ind.
Norcross C. S. & Sons, Bushnell, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thornburgh Mfg. Co. ("Climax"), Bowling Green, O.
Towers & Sullivan Mfg. Co. ("Jewel," Safety"), Rome, Ga.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wiard Plow Co., Batavia, N. Y.

11193— Plows (Grooving)

Sandusky Tool Co. (Panel Plows, Plow Arms, etc), Sandusky, O.

11194— Plows (Hop)

Adams S. & Son, Rome, N. Y.
Dutton E. Q. & Co., Cato, N. Y.
Gale Mfg. Co., Albion, Mich.
Gowanda Agricultural Works, Gowanda, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

11195— Plows (Ice)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Dernell H. F. Co., Athens, N. Y.
Dorsch Jno. & Sons, 209 Wells, Milwaukee, Wis.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Pray W. H. Clove, N. Y.
Woodhouse J. S. Co., 191 Water, New York

11196— Plows (Locomotive)

Western Wheeled Scraper Co., Aurora, Ill.

11197— Plows (Potato)

Brinly Hardy Co., Louisville, Ky.
Deere & Co., Moline, Ill.
Gale Mfg. Co., Albion, Mich.
Hartig W. F. Plow Co., Evansville, Ind.
La Crosse Plow Co., La Crosse, Wis.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. No. 3"), Canton, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

Plows (Road)

See Plows, Contractors'

11198— Plows (Shovel)

Akron Cultivator Co., Akron, O.
Avery B. F. & Sons (With Jumping Coulters), Louisville, Ky.
Belcher & Taylor Agri. Tool Co., Chicopee Falls, Mass.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co., Canton, O.
Burch Plow Works, Crestline, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Donaldson Bros., Mount Clemens, Mich.
Dutton E. Q. & Co., Cato, N. Y.
Eddy W. Plow Co., Greenwich, N Y.
Emerson - Brantingham Co. ("E. - B." Double Shovel), Rockford, Ill.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Everts Mfg. Co. Meridian, N. Y.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Gale Mfg. Co. ("New Era," "Gale," Single & Double Shovel, also Wing Shovel), Albion, Mich.
Gowanda Agricultural Works, Gowanda, N. Y.
Grand Detour Plow Co., Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hartig W. F. Plow Co., Evansville, Ind.
Hench & Dromgold Co. (Inc.), York, Pa.
Keystone Machine Co., York, Pa.
La Crosse Plow Co. La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean") Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Moline Plow Co. (Single & Double), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Munnsville Plow Co. (One, Two, Three & Five Shovel), Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Single & Double), Canton, Ill.
Peek's S. H. Sons, East Aurora, N. Y.
Rock Island Plow Co. (Single & Double), Rock Island, Ill.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Shunk Plow Co., Bucyrus, O.
South Bend Chilled Plow Co. South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co. St. Joseph, Mo.
Syracuse Chilled Plow Co. (Blades & Wings of Steel), Syracuse, N. Y.
Vulcan Plow Co., Evansville Ind.
Woodhouse J. S. Co., 191 Water, New York

11199— Plows (Snow)

See also Snow Brooms & Sweepers, Street Railway; also Street Railway Sweeping Machines

Am. Locomotive Co. (Rotary), 30 Church, New York
Baker Mfg. Co. ("20th Century" Steel, Auto Truck), 1000 Stanford av., Springfield, Ill.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co. ("Brill" Electric Ry), 62nd & Woodland av, Phila., Pa.

SIDE WALK SNOW PLOWS
DYAR SUPPLY CO.

Cambridge, Mass.
See adv index at end of book
Grothe John J. (Electric Ry.), Woburn, Mass.
Kalamazoo Railway Supply Co. ("Root" Scraper), Kalamazoo, Mich.
McGuire-Cummings Mfg. Co. (Street Railways), Harris Trust & Savings bldg, Chicago, Ill.
Q. & C. Co., 90 West, New York.
Russell Car & Snow Plow Co., Ridgway, Pa.
Russell Grader Mfg. Co. ("Russell" all Steel Sidewalk), 2005 Univ. av S E, Minneapolis, Minn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stroud & Co. (Street or Sidewalk), Omaha, Neb.
Toy W. M. Co., 10 E Selby, Sidney, O.
Woodhouse J. S. Co. (Sidewalk), 191 Water, New York

11200— Plows (Sub-Soil)

Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
California Plow Co., 140H Polhenus, San Jose, Cal.
Chattanooga Plow Co., Chattanooga, Tenn.
Deere & Co., Moline, Ill.
Grand Detour Plow Co., Dixon, Ill.
Hall Jas. H. Plow Co., Maysville, Ky.
Madison Plow Co., Madison, Wis.
Moline Plow Co. (Walking), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11201—Plows (Sulky, Reversible)

Belcher & Taylor Agri. Tool Co., Chicopee Falls, Mass.
Chattanooga Plow Co., Chattanooga, Tenn.
Cutaway Harrow Co. (Disc), Higganum, Conn.
Deere & Co., Moline, Ill.
Eddy W. Plow Co., Greenwich, N. Y.
Le Roy Plow Co., Le Roy, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11202—Plows (Sulky, Riding or Wheel)

Avery B. F. & Sons (Sulky, etc), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Reversible Sulky), Chicopee Falls, Mass.
Blount Plow Works (Sulky), Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works, (New Foot Lift "Harmer Boy," "Leader," "Two Way"), Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Collins Plow Co., Quincy, Ill.
Deere John Plow Works, Moline, Ill.
Eddy W. Plow Co., Greenwich, N. Y.
Emerson - Brantingham Co. ("E. - B.") Rockford, Ill.
Gale Mfg. Co, Albion, Mich
Grand-Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Hench & Dromgold Co. (Inc.), York, Pa.
Janesville Machine Co., Janesville, Wis.
La Crosse Plow Co., La Crosse, Wis.
Le Roy Plow Co., Le Roy, N. Y.
Luthy & Co., Peoria, Ill.
Madison Plow Co. ("New Eclipse"), Madison, Wis.
Moline Plow Co. ("Best Ever," "Good Enough"), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton," "Success," "Diamond"), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Hummer," "Royal," "New Way"), Springfield, Ill.
Rockford Mfg. Co. ("Farm King," "Rockford," "Rockford, Jr," "Rockford King"), Rockford, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
Rowell I. B. Co., Waukesha, Wis.
South Bend Chilled Plow Co. ("Pilot," "Casady" Foot Lift), South Bend, Ind.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vulcan Plow Co. (Sulky), Evansville, Ind.
Wiard Plow Co., Batavia, N. Y.

11203—Plows (Sulky, Right & Left Hand)

Parlin & Orendorff Co. ("P. & O. Success," Two Wagon, on One Frame), Canton, Ill.

11204—Plows (Swivel Reversible & Hillside)

Ames Plow Co. (Swivel and Hillside), Quincy Hall, Bostoon, Mass.
Avery B. F. & Sons, Louisville, Ky.
Belcher & Taylor Agricultural Tool Co. ("Arlington"), Chicopee Falls, Mass.
Brinly Hardy Co. (Hillside), Louisville, Ky.
Bucher & Gibbs Plow Co. (Hillside & Reversible), Canton, O.
Columbia Plow Works, Copake Falls, N. Y.
Eddy W. Plow Co. (Hillside & Swivel), Greenwich, N. Y.
Emerson-Brantingham Co. ("E-B" Hillside), Rockford, Ill.
Gowanda Agricultural Works, Gowanda, N. Y.
Hall J. H. Plow Co. (Hillside), Maysville, Ky.
Hench & Dromgold Co. (Inc.) (Hillside), York, Pa.
Leroy Plow Co. (Hillside & Flatland), Leroy, N. Y.
Moline Plow Co. ("Moline Two Way"), Moline, Ill.
Munnsville Plow Co., Munnsville, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co. (Reversible, Hillside, etc), South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vulcan Plow Co. (Hillside), Evansville, Ind.
Wiard Plow Co. (Hillside), Batavia, N. Y.

11205— Plows (Traction)

Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Deere John Plow Works, Moline, Ill.
Empire Plow Co., 3140 E 65th, Cleveland, Ohio
Grand Detour Plow Co., Dixon, Ill.
Lawtor Tractor Co., St. Marys, O.
Oliver Chilled Plow Works (Disc & Mouldboard), South Bend, Ind.
Ward Tractor Co., Lincoln, Neb.

Plows (Unloading)

See Ballast, Loaders & Unloaders

11206—Plows (Wheel Walking)

Collins Co., Collinsville, Conn.
Deere John Plow Works, Moline, Ill.
Emerson-Brantingham Co. ("E-B"), Rockford, Ill.
Hench & Dromgold Co. (Inc.), York, Pa.
Madison Plow Co., Madison, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Mountville Mfg. Co., Mountville, Pa.
Parlin & Orendorff Co. ("P. & O." Black Land, "Blue Jay" Brush Breaker, Combination One-Horse Corn, Ditching, Grading, Hillside; "Iowa" Middle Breakers, Sandy Land, New Ground, Prairie Breakers, Rod Breakers, Root Ground, Scotch, Clipper, Southern Stubble, "Sunset Special" Vineyard Timber), Canton, Ill.
Racine-Sattley Co. ("Wonder"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.
Wake Forest Fdry. Co., Wake Forest, N. C.
Wayne Agricultural Works, Goldsboro, N. C.

11206a— Plugs (Acid)

Duriron Casting Co., Dayton, O.
General Ceramic Co., 50 Church, New York
Knight-Maurice A, Akron, O.

11207-8—Plugs (Attachment)

Arrow Electric Co. ("Standard"), Hartford, Conn.
Benjamin Elec. Mfg. Co. (With Rotary Sleeve, etc.), 120-128 S Sangamon, Chicago, Ill.
Best Electric Co., 51st & Harrison, Pittsburgh, Pa.
Bryant Electric Co., Bridgeport, Conn.
Chicago Elec. Mfg. Co. (Auto Lamps), 2817H S Halsted, Chicago, Ill.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Freeman E. H. Electric Co., Trenton, N. J.
Hart & Hegaman Mfg. Co., 342 Capitol av, Hartford, Conn.
Hubbell, Harvey, Inc., Bridgeport, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Paiste H. T. Co. ("Pushin"), 3201 Arch, Phila., Pa.
Pass & Seymour ("P. & S."), Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Co., Peru, Ind.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
T. & W. Electrical Mfg. Co. Inc. ("T. & W. Universal" for Electrical Appliances), 4503 Ravenswood av, Chicago, Ill.
Tregoning Electric Mfg. Co. Cleveland, O.
Trumbull Electric Mfg. Co., Plainville, Conn.
Union Electric Co., Trenton, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11209—Plugs (Bath & Basin)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Bunnel W. H., 178 Centre, New York
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Crescent Mfg. Co., Scottdale, Pa.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jenkins Mfg. Co. ("Rex"), Bloomfield, N. J.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Murphy Specialty Co., 90 2d, Milwaukee, Wis.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes, Chas. (Est. of), 627 Arch, Phila., Pa.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Metal Works, Chelsea, Mass.
Wise J. B. Inc., Watertown, N. Y.
Wolff Mfg. Co., 255 N Hoyne av Chicago, Ill.

11210-1— Plugs (Boiler Flue)

Betterman, Reinhold, Johnstown, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Buckeye Iron & Brass Works, Dayton, O.
New Haven Screw Co. (Taper Boiler), 191-193 Foster, New Haven, Conn.
See adv index at end of book
Webb Elisha & Son Co. ("Handy"), 136 S Front, Phila., Pa.

11212— Plugs (Brass)

American Brass & Copper Co. (Basin Wash Tray, etc), 138 Lafayette, New York
American Injector Co., 173 14th av, Detroit, Mich.
Belfield H. Co., 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Brass Cleanout), Kokomo, Ind.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Muller H. Mfg. Co. (Cleanout), Decatur, Ill.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Trenton Brass & Machine Co. ("Trenton" Wash Tray), Trenton, N. J.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Wolverine Brass Works, Grand Rapids, Mich.

11212a— *Plugs (Brush)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11212b—Plugs (Carriage Body)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11213— Plugs (Cast Iron)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
General Fire Extinguisher Co., Providence, R. I.
McNab & Harlin Mfg. Co., 55 John, New York
Newbury Mfg. Co., Monroe, N. Y.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Sanitary Co., Dept. H, Linfield, Pa.
Walworth Mfg. Co., Boston, Mass.

11214—Plugs (Conduit Sealing)

American Wood Working Co., 4365 Wabansia av, Chicago, Ill.
Austin M. B. & Co. (Wood), 706 Jackson blvd, Chicago, Ill.
Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Fralick & Co. S. R., 15 S. Clinton, Chicago, Ill.
Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.
Stiles & Co., H. A. (Wood), 97 Oliver, Boston, Mass.
See adv index at end of book
Thomas & Betts, 63 Vesey, New York
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
Walker Bros. & Haviland, Otis bldg, Phila., Pa.
Wolf J. C. (Wood), Westville, N. J.

11214a— Plugs (Deck)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

Plugs (Cooperage)

See Plugs, Wood

11215— Plugs (Drift)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Buffum Tool Co. ("Swastika," Plumbers' Wooden), South Side, Louisiana, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11216— *Plugs (Edi-Swan)

MORSE FRANK W. ("Morse" S. C. & D. C., also Foreign), 289 Congress, Boston, Mass. *See adv index at end of book*

11216a—Plugs (Fireworks)

BOGERT & HOPPER INC., 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Plugs (Electric Attachment)

See Plugs Attachment

11217—Plugs (Flush & Receptacle)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
ARROW ELECTRIC CO. ("Midget," "Standard," "Combination"), Hartford, Conn.
Bryant Electric Co. ("Chapman," "Wonder"), Bridgeport, Conn.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Chelton Elec. Co., Stenton & Rockland Phila., Pa.
Clancy J. R., Syracuse, N. Y.
Conduit Elec'l Mfg. Co., 1st & L, Boston Mass.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
Dale Lighting Fixture Co., 107 W 13th New York
General Elec. Co., Schenectady, N. Y.
Gleason J. L. & Co., 241 Franklin, Boston, Mass.
HART MFG. CO. ("Diamond H"), 280 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Hatzell & Buehler ("H. & B."), 373 4th av, New York
Hubbell Harvey (Inc.), Bridgeport, Conn.
Irish W. F. Electric Supplies ("Shamrock," Floor), 130 W 32d, New York
Loeffelholz Co. ("Gibbs," for Cars), Milwaukee, Wis.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Novelty Electric Co. (Fibre), 50 N 4th Phila., Pa.
Paiste H. T. Co. ("Felding"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Russell & Stoll Co., 17 Vandewater, New York
Steel City Electric Co. ("Campbell" Receptacle), 1207 Columbus av, Pittsburgh, Pa.
Trumbull Electric Mfg. Co., Plainville, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11217a— Plugs (Fuse)

Atlas Selling Agency, 450 4th av, New York
Bryant Electric Co., 1421 State, Bridgeport, Conn.
Bussman Mfg. Co., 3819 W 23d. St. Louis, Mo.
Chicago Fuse Mfg. Co., 1014 W Congress, Chicago, Ill.
Clemens Electrical Corp., 725 Main, Buffalo, N. Y.
D. & W. Fuse Co., Providence, R. I.
Daum A. F. ("Daum"), 1157 Hodgkins, Pittsburgh, Pa.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Killark Elec. Mfg. Co., 3940 Easton av, St. Louis, Mo.
Moss-Schiery Mfg. Co. Inc., Majestic bldg, Detroit, Mich.
Union Electric Co., Trenton, N. J.

11217b—Plugs (Fuse Hole)

Bogert & Hopper Inc. (Hardwood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lestershire Spool Mfg. Co., Lestershire, N. Y.
Nashua Spool & Bobbin Co. (Maple), Grove Hall Sta., Boston, Mass.
Stevenson Mfg. Co. (Wood, Threaded & Plain), South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11218— Plugs (Fusible)

American Injector Co., 173 14th av, Detroit, Mich.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Ashcroft Mfg. Co., 119 W 40th, New York
Belknap Mfg. Co., Bridgeport, Conn.
Boston Brass Co. ("Massachusetts Standard" also Short Pattern), 125 Bacon, Waltham, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Duluth Brass Works, Duluth, Minn.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Garratt, W. T. & Co., 299 Fremont, San Francisco, Cal.
General Fire Extinguisher Co., Providence, R. I.
Glasgow Iron Works & Supply Co. ("Phillips"), 28 West, New York
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Hills-McCanna Co. (Boiler & Marine), 2025 Elston av, Chicago, Ill.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Ingersoll-Rand Co. (Signal), 11 B'way, New York *See adv index at end of book*
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
LUNKENHEIMER CO., Executive Offices & Factories; Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Supply Co., Toledo, O.
Ohio Injector Co., Wadsworth, O.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Tranter Mfg. Co., 105 Water, Pittsb'gh, Pa.
Van Duzen E. W. Co., 423 E 2d, Cincinnati, O.
Walworth Mfg. Co. (Fusible Boiler), Boston, Mass.

11219—Plugs (Gas & Water Main)

Behringer Edw. A. Inc. (Rubber Service), 93 Park Row, New York
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.
Norwood Engineering Co. ("Streeter"), Florence, Mass.

11220— Plugs (Indicator)

Buckeye Iron & Brass Works, Dayton, O.

11221-2—Plugs (Laundry Tray)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Andrews Thos. G. & Co., 30-32 Wendell, Boston, Mass.
Central Brass Mfg. Co., 6206 Cedar av, Cleveland, O.
Dearborn Brass Co., Cedar Rapids, Iowa
Empire Brass Mfg. Co., 10301 Berea rd, Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Salem Brass & Iron Mfg. Co., Salem, N. J.
Trenton Brass & Machine Co., Trenton, N. J.
Union Metal Works, Chelsea, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

11223-4— Plugs (Nailing)

American Steel Band Co., 886 Progress, Pittsburgh, Pa.

11225— Plugs (Paper Roll)

See also Plugs, Wood

BOGERT & HOOPER INC (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Menasha Woodenware Co. (For Counter Rolls), Menasha, Wis.
Munsing Woodenware Co. (For Counter Rolls), Munsing, Mich.
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11226— Plugs (Pipe)

Allen Mfg. Co., 133 Sheldon, Hartford, Conn. *See adv index at end of book*
Detroit Brass & Malleable Wks. (Cast & Malleable Iron), 1177H Holden, Detroit, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
LUNKENHEIMER CO., Excutive Offices & Factories: Beekman & Waverley, Cincinnati, Ohio
See adv index at end of book
New Haven Screw Co. (Slotted), 191-193 Foster, New Haven, Conn.
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

11226a—Plugs (Plumbers Sand)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11227— Plugs (Radiator)

Detroit Screw Works, 348 Franklin, Detroit, Mich.

11228—Plugs (Roll Turners')

Tinker P. & Sons Co., 5687 Butler, Pittsburgh, Pa.

11229—Plugs (Seamless Tube Rolling)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

11230—Plugs (Self Flushing Socket)

Phelps Mfg. Co. ("Skedoodle" Flushes Lamp On & Off Automatically), 49 W Larned, Detroit, Mich.

11231—Plugs (Smoke Testing)

Austin G. W. & Co., 132 High, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md

11232—Plugs (Soil Pipe Testing)

Blake Specialty Co., Rock Island, Ill.
Clark Bros. ("Acme"), 1228 Locust, Phila., Pa
Drummond M. J. & Co., 51 Chambers, N.Y.
Garrison Brass & Machine Wks., 107 W 13th, New York
Glanber M. & Co., 103 Varick, New York
Hessler H E. Co. ("Star"), Syracuse, N. Y.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.
Mechanicsville Specialty Supply Co., Mechanicsville, N. Y.
Plugh August T., Hoboken, N. J.
Sanitary Co., Dept. H, Linfield, Pa.
Smith A. P. Mfg. Co., East Orange, N. J.
Walworth Mfg. Co., Boston, Mass.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

11233— Plugs (Spark)

Air-Friction Carburetor Co., Dayton, O.
Akar Ignition Co. ("Akar"), 149 W Berkley av, Phila., Pa.
Atlas Railway Supply Co. ("F. I. R. O. L."), 431 S Dearborn, Chicago, Ill.
Auburn Ignition Mfg. Co. ("Electric," "Auburn No. 2" Porcelain, "Cayuga" Mica), Auburn, N. Y.
Automobile Equipment Co. ("L. X. V."), Detroit, Mich.
Automobile Supply Co., 1335 Michigan av, Chicago, Ill.
Axwell Equipment Co. ("Axwell"), 208 Wood, Pittsburgh, Pa.
Batchelder-Gallant Co., 106 Ferdinand, Boston, Mass.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Belvidere Screw & Machine Co., Belvidere, Ill.
Benford Mfg. Co. ("Monarch"), Mount Vernon, N. Y.
Benton L. F. Co., Vergennes, Vt.
Bergie Nat'l Spark Plug Co. ("Bergie National"), 7th & 19th av, Rockford, Ill.
Bosch Magneto Co., 223 W 46th, New York
Bradley C. E. Motor Co., 268 Diamond, Phila., Pa.
Brockett-Gorham Co. ("Bro-Gar"), Marion, Ohio
Brown Co. ("Brown" Quick Detachable), Syracuse, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Byrne Kingston Co. ("Kingston,')' Kokomo, Ind.
Champion Ignition Co. ("A. C."), Flint, Mich.
Champion Spark Plug Co. ("Champion"), Toledo, O.
Czar Ignition Co. ("Czar"), 531 Ellicott, Buffalo N. Y.
Day Geo. F. ("Day"), 21 Haverhill, Boston, Mass.
Delta Mfg. Co. ("Delta," "B. O. E."), 9 Delancy, Newark, N. J.
Dow Mfg. Co., Braintree, Mass.
Eclipse Mfg. Co. ("Hercules"), 424 Meridian, Indianapolis, Ind.
Eismann Magneto Co., 32 33d, B'klyn, N. Y.
Express Spark Plug Co., 1367 Pennsylvania, Washington, D. C.
Fan Flame Spark Plug Co., Yonkers, N. Y.
Faw I. H. Inc. ("Fawsco"), 27 Warren, New York
Fulton Co., 742 75th av, Milwaukee, Wis.
Geer Harry R. Co., 858 McLaren av, St. Louis, Mo.
General Illuminating Co. ("Grant Triple Anchor"), 47 Green, New York.
Gibson-Hollister Mfg. Co., 376 Burnie, Springfield, Mass.
Grossman Emil Mfg. Co. ("Red Head"), 167 41st, Brooklyn, N. Y.
Guarantee Tire & Rubber Co. ("Long Distance," "Hot Spark"), Indianapolis, Ind.
Hampshire Mfg. Co. ("Wizard," "Rival"), Hatfield, Mass.
Hartford Machine Screw Co. ("Master," "H. M. S. Bull Dog"), Hartford, Conn.
Heinze Electric Co. ("Heinze," "Heco"), Lowell, Mass.
Hill Insulating & Mfg. Co., 511 W 42, New York.
Hubbell Harveyl (Inc.), Bridgeport, Conn.
Janesville Products Co., Janesville, Wis.
Jefferson Electric Mfg. Co., 426 S Green, Chicago, Ill.
K-W Ignition Co. ("Hot Shot," "Vim"), Chester av & E 30th, Cleveland, O.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Lauraine Magneto Co. Inc. ("Lauraine"), 181 13th, Long Island City, N. Y.
Legnard A B Co., Waukegan, Ill.
Leich Elect. Co., Genoa, Ill.
Lemke Electric Co. (Mica & Porcelain), 509 Cedar, Milwaukee, Wis.
Lockwood Ash Motor Co. ("Never-Miss"), Jackson, Mich.
Long Bros. ("Leader," "Ramble"), Kokomo, Ind.
Louisville Auto Supply Co. ("Lasco"), Louisville, Ky.
Mac Gregor Co., John, 756 South Boston, Mass.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Marburg Bros. (Imported), 90 West, New York.
Matador Tire & Vulcanizing Co. ("Matador"), 1400 Michigan av, Chicago, Ill.
Michigan Motor Specialties Co. ("Becco"), 26 Dubois, Detroit, Mich.
Miller Chas. E. (Mica & Porcelain), 97 Reade, New York
Miller Mfg. Co., Peekskill, N. Y.
Milwaukee Auto Specialty Co. ("Centerfire," "Victor"), 711 Chestnut, Milwaukee, Wis.
Morgan Mfg. Co., Inc. ("Morgan"), Keene, N. H.
Mosler A. R. & Co. ("Spit-Fire," "Triumph," "Breech-Block," "Vesuvius," "Beat-M-All Ramrod"), Mt. Vernon, N. Y.
Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.
Myers Spark Plug Co., 1214 Dorr, Toledo, Ohio
New York Mica & Mfg. Co. ("Wright" Mica "Auburn"), Auburn, N. Y.
Oakes & Dow Co. ("Comet," "Sootless"), 311 Atlantic av, Boston, Mass.
Orswell Igniter Co. (Plug & Coil Combined), Boston, Mass.
Pettingell-Andrews Co. ("O. K."), 166 Pearl, Boston, Mass.
Post & Lester Co. ("E. I. C."), Hartford, Conn.
Rajah Auto Supply Co., Bloomfield, N. J.
Randall-Faichney Co. ("Mac-Kae Blitz"), Boston, Mass.
Reflex Ignition Co. ("Reflex," "Lightning," "Arrow," "Baby Reflex," "Lightning-Kid"), 1708 Payne, Cleveland, O.
Rex Ignition Mfg. Co., 1779 B'way, N. Y.
Rhineland Machine Works Co. ("Lechler" Imp.), 1737 B'way, New York
Rosen A. W & Co., 610 B'way, New York
Schug Elect. Mfg. Co., 252 E. Larned, Detroit, Mich.
Seidler-Miner Co., 36 E Larned, Detroit, Mich.
Sharp Spark Plug Co. ("Sharp Spark," "Fire Fly"), C. A. C. bldg, Cleveland, Ohio
Spafford Machine Screw Wks., Hartford, Conn.
Splitdorf Electrical Co., (Green Jacket), 98 Warren, Newark, N. J.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
STITT IGNITION CO. ("Stitt"), 16 E 1st, Columbus, O.
Stonebridge C. H. Mfg. Co. (Lock Valve), 23 Warren, New York
Superior Motor Power Co. ("Su-Dig" Two Plug Ignition, "Twin-Tact" Double Plug), 135 5th av, New York.
Szel Import & Export Co. ("Anchor"), 393 B'way, New York
Tungsten Mfg. Co. ("Tungsten"), Marshalltown, Ia.
Utility Co. ("Utility" & "Uko"), 636 W 44th, New York
Vital Mfg. Co. ("Vital," "Leader"), Cleveland, O.

PLUGS SPARK—continued
Washington Auto Supply Co. ("Washington" & "Wasco"), Washington, Ill.
Wells, R. C. Mfg. Co., Fon-du-lac, Wis.
Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.

11234—Plugs (Stage & Receptacle)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Central Electric Co. ("Ralco" Receptacles), 302 S 5th av, Chicago, Ill.
Chicago Electric Mfg. Co. ("Handy"), 2817 S Halsted, Chicago, Ill.
Clancy J. R., Syracuse, N. Y.
Condit Electrical Mfg. Co., ("Cushing" Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Drendell Electrical & Mfg. Co., 1345 Howard, San Francisco, Cal.
Electric Apparatus Co., 127 S Green, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Newgard Henry & Co. ("Newgard"), 947 Washington blvd, Chicago, Ill.
Russell & Stoll Co., 17 Vandewater, New York
Stanley & Patterson ("Fielding"), 23 Murray, New York
Tregoning Electric Mfg. Co., Cleveland, O.
UNIVERSAL ELECTRIC STAGE LIGHTING CO. ("Kliegl"), 240 W 50th, New York

11235—Plugs ("Standard" Separable, Swivel & Non-Separable)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

11236— *Plugs (Switch)

DELAWARE HARD FIBRE CO. (Fibre, Electric), Wilmington, Del.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11237— Plugs (Tap)

Rapid Tap Plug Co. ("Rapid"), Grand Rapids, Mich.
Wolverine Brass Works ("Wolverine"), Grand Rapids, Mich.

11238— Plugs (Test)

Norwood Engineering Co. ("Streeter"), Florence, Mass.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

11239— Plugs (Tie)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Goldie Wm. Jr., Bay City, Mich.

11239a—Plugs—Transit (for Shrapnel)

Bogert & Hopper Inc., 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11239b—Plugs (Varnish Can)

BOGERT & HOPPER INC., 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11240-1— Plugs (Wall)

American 3-Way Prism Co. (Metal), La Porte, Ind.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
Bostwick Steel Lath Co. ("Bostwick" Galvanized), Niles, O.
Church Appliance Mfg. Co. ("Boss"), La Salle, Ill.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Erie Metal Products Co. (Mfrs. of Bungs & Plugs, Iron Only), Erie, Pa.
Hastings Foundry & Iron Works, Hastings, Neb.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Merwin Mfg. Co., "Yankee" (Galvanized), Erie, Pa.
Niagara Falls Metal Stamping Works (Galvanized), Niagara Falls, N. Y.

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of
PAPER PLUGS-VARNISH CAN PLUGS
Spools or Cores for Adding Machine Paper. Bungs
Automatic Lathe Turnings Generally
364 5th AVENUE NEW YORK CITY

Prescott J. B. & Son ("Rutty" Metal), Webster, Mass.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.

11242— Plugs (Wooden)

See also Bungs, Barrel

Bachelder A. & Co., 234 Mt. Vernon, Lowell, Mass.
BOGERT & HOPPER INC. (For various purposes), 57 Barclay, New York
See adv index at end of book
Brewing Appliance Specialty Co., Hartford, Conn.
Central City Bung Co., Huntington, W. Va.
ESTES E. B. & SONS (Fluing, Carriage Body, Conduit, Deck, Drift, Oval, Paper Roll, Plumbers' Sand, Tile, Varnish, Can., etc.), 364 5th av, New
See adv index at end of book
Nashua Spool & Bobbin Co. (Paper Rolls, up to 5 in. in diam., Deck, etc.), Grove Hall Station, Boston, Mass.
Peirce W. E. & Co., Milford, N. H.
Peters' Jno. M. Sons, Bleecker, N. Y.
Redlich Mfg. Co. (All Kinds), 637 W Oak, Chicago, Ill.
Rowe Henry Mfg. Co., Newaygo, Mich.
Russ Co., 5700 Walworth av, Cleveland, O.
Sommer Jno. Faucet Co., 30 Morris av, Newark, N. J.
South Bend Dowel Wks., South Bend, Ind.
Standard Turning Works, Cambridge, Mass.
STEVENSON MFG. CO., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
U. S. Bung Mfg. Co., 48 S 2d, Brooklyn, N. Y.

11243— Plugs & Feathers

Auer John, Jr. (Steel, Stone Hoisting), 197 Middleton, Brooklyn, N. Y.
Channon Jas. H. Mfg. Co. (Stone Hoisting, etc.), 227 W Erie, Chicago, Ill.

11244—Plugs & Patches (Tire Repair)

See also Cement

Anderson Rubber Works, Anderson, Ind.
Braender Rubber & Tire Co. (Cementless), Rutherford, N. J.
Double Fabric Tire Co. (Inside Fabric, Outer Sleeve), Auburn, Ind.
Durkee-Atwood Co. ("Rie-Nie" Patches), 40 Wilder, Minneapolis, Minn.
Empire Tire & Rubber Corp., Trenton, N. J.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Fisher Mfg. Co. ("Fisher"), Lincoln, Neb.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Keystone Rubber Mfg. Co. (Rubber, no Cement), Erie, Pa.
Michelin Tire Co. (Patches and Sleeves for Repairing Automobile Tires & Inner Tubes), Milltown, N. J.
Morgan & Wright, ft. Bellevue, Detroit, Mich.
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Perfection Tire & Rubber Co., Fort Madison, Iowa

11244a—Plugs & Receptacles (Battery Charging)

Anderson Albert & J. M. Mfg. Co. ("Anderson," For Electric Vehicle & Railway Coaches, Power Circuit Connections A. C. & D. C.), 289A, Boston, Mass.
Consolidated Car Heating Co., Albany, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11245— Plumb Bobs

Bergman Tool Mfg. Co. (Steel, Hexagon & Round), Buffalo, N. Y.
Braunsdorf-Miller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co. ("Mercury"), Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Crescent Novelty Mfg. Co. (Lead), 703 S B'way, St. Louis, Mo.
Dikeman Mfg. Co. ("Cant-Roll"), Norwalk, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Goodell-Pratt Co., Greenfield, Mass.
Huebel Mfg. Co. (Bronze), 103 Monroe, Newark, N. J.
Jennings C. E. & Co., 71 Murray, New York
Keuffel & Esser Co., Hoboken, N. J.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Leistner Paul Sons Mfg. Co. (Common Sense & Reversible), St. Charles, Mo.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Ridgely-Trimmer Co., Springfield, O.
Sargent & Co. (Brass, Lead, Wired, Iron, Adjustable Top), New Haven, Conn.
Stanley Rule & Level Co. (Adjustable), New Britain, Conn.
STARRETT L. S. CO. THE (Mercury, Steel), Athol, Mass.
See adv index at end of book
Union Hardware Co., Torrington, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
West Haven Mfg. Co. (Machine Turned, Highly Polished), West Haven, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

11246-7-8— Plumbago

Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Dixon Joseph Crucible Co. ("Dixon's"), Jersey City, N. J.
Doggett Stanley Inc., 11 Cliff, New York
Dunn & Kruse, 63 Park Row, New York
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Frost & Cundill Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Gross Otto (Imp), 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hill-Brunner Foundry Supply Co., 637 Evans, Cincinnati, Ohio
Hill & Griffith Co., 1248 State av, Cincinnati, O.; Birmingham, Ala.; Chicago, Ill. *See adv index at end of book*
Ilsley Doubleday & Co., 229 Front, New York
Kelly T. P. & Co. (Inc.), (Imp. "Ceylon"), 355 W 26th, New York
McCormick J. S. Co. ("Extra Ceylon" & "Colomobo"), 25th & A. V. R. R. Pittsburgh, Pa.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Paterson-Boardman & Knapp, 10 Bridge, New York
PETTINOS CHAS. E. (Refiners & Grinders), 25 Church, New York
Salomon L. A. & Bro., 216 Pearl, New York
Smith Facing & Supply Co. ("Corona"), 1857 Carter rd, Cleveland, O.
Springfield Facing Co., Springfield, Mass.
See adv index at end of book
Stevens Frederic B. (East India Flake), 3d & Larned, Detroit, Mich.
See adv index at end of book
Taunton Crucible Wks. (Pure Ceylon Graphite for Stove Dealers' Use), Taunton, Mass.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
United States Graphite Co., Saginaw, Mich.
Woodison E. J. Co. (Ceylon & East India), 1621 St. Aubin, Detroit, Mich.

11249—Plumbers' Charts & Estimate Books

Starbuck R. M. & Sons, Hartford, Conn.

11250—Plumbers' Marble Work

See also Marble Interior Work

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Bowker, Torrey Co., 180 Granite, Boston, Mass.
Bradbury Marble Co., 4165 Duncar, St. Louis, Mo.
Buess Wm., 312 E 95th, New York
Butler Philip H. & Co., 197 B S Boston, Mass.
Cascio S., 1259 Flushing av, Brooklyn, N. Y.
Christie Marble Co., 1625 St. Aubin, Detroit, Mich.
Clow James B. & Sons, Franklin & Harrison, Chicago, Ill.
Eschmann B. & J., 412 E 37th, New York
Evans Marble Co., Ranstead Wharf, Baltimore, Md.
Fair Haven & Marbleized Slate Co., Fair Haven, Vt.

George Marble Co. ("Cherokee," "Creole," "Etowah," "Amicalola," "Spring White," "White Southern"), Tate, Ga.
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Hebb H. W. Supply Co., Jacksonville, Fla.
Hilgartner Marble Co., 223 N Charles, Baltimore, Md.
Jacoby & Son Co., 2025 Market, Phila., Pa.
Klaber A. & Son, 211 Vernon av, Long Island City, N. Y.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Marthens Chester N., Marble Co., W 53d & Wallace, Chicago, Ill.
Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Savannah Supply Co., Jacksonville, Fla.
Shipway J. H. & Bro., Locust av & 136th, New York
Speakman Co., Wilmington, Del.
Standard Marble Works (John M. Mueller, Jr., Prop.), 706 W Front, Cincinnati, O.
Troy Bros. & Co., 975 Mass av, Rox., Boston, Mass.
Vermont Marble Co., Proctor, Vt.

Plumbers' Porcelain Ware Mfrs.

See Bath Tubs, Porcelain

11251—Plumbers' Rubber Goods

See also Rubber Manufacturers

Akron Rubber Mold & Machine Co., Akron, Ohio
Anderson Rubber Works (Valve Seats & Cups), Anderson, Ind.
B. B. Specialty Co., 443H Liberty av, Pittsburgh, Pa.
Canfield H. O. Co., Bridgeport, Conn.
Canfield Rubber Co. ("Redtex," "Blackrock"), Bridgeport, Conn.
Consolidated Rubber Co., Trenton, N. J.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Robinson Plumbing Supply Co. (Jobber), St. Paul, Minn.
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, New York
Western Rubber Co., Goshen, Ind.

11252-3—Plumbers' Sanitary Earthenware Mfrs.

Abingdon Sanitary Mfg. Co., Abingdon, Ill.
Acme Sanitary Pottery Co., Trenton, N. J.
Alliance Co., 1924 Clybourn av, Chicago, Ill.
American Sanitary Works ("B. O. T."), Washington, N. J.
Bellmark Co., Trenton, N. J.
Bowers Pottery Co., Mannington, W. Va.
Camden Pottery Co., Camden, N. J.
Cochran, Drugan & Co., Trenton, N. J.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Douglas John Co. Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Economy Pottery Co., Trenton, N. J.
Elite Pottery Co., Trenton, N. J.
Eljer Co., Cameron, W. Va.
Florentine Pottery Co., Cambridge, Ohio.
Ford's Porcelain Works, Perth Amboy, N. J.
Helfrich Pottery Co., Evansville, Ind.
Ironsides Pottery Co., Bordentown, N. J.
Jackson Potteries Co. (Vitreous China), Fulton bldg, Pittsburgh, Pa.
Kalamazoo Sanitary Mfg. Co., Kalamazoo, Mich.
Keystone Pottery Co., Trenton, N. J.
Kokomo Sanitary Mfg. Co., Kokomo, Ind.
Maddock John & Sons, Trenton, N. J.
Maddock's Thos. Sons Co., Trenton, N. J.
Mercer Pottery Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
National Pottery Co., Evansville, Ind.
N. J. China Pottery Co. ("Codru"), Trenton, N. J.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Resolute Pottery Co., Trenton, N. J.
Sanitary Earthenware Specialty Co. ("Sesco" Vitreous), Trenton, N. J.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Universal Sanitary Mfg. Co. (Vitreous China Tanks, Closets, Urinals, etc), New Castle, Pa.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

Plumbers' Slate Work

See Slate Urinals, Slabs, etc; also Laundry Tubs, Slate.

11254— Plumbers' Soil

Colebrook's W. H. Son ("Colebrook's"), Syracuse, N. Y.
Johnson Wm. (Hedenberg Works), Newark, N. J.

11255—Plumbers' Supplies, Jobbers

See also Steam Fitters' Supplies, etc.

For the manufacturers of all kinds of Plumbing Specialties, see the Specific Article Required

ALABAMA.

BIRMINGHAM — Jefferson Plumbers' & Mill Supply Co.

ARIZONA.

PHOENIX—Mulrein J. H. Plumbing Supply Co.

ARKANSAS.

FT. SMITH—Meister Bros.-Bracht Co.

CALIFORNIA.

LOS ANGELES—Busch A. H. Co., 150 N Los Angeles
Busch A. H. Co., 150 N Los Angeles
Crane Co., 321 E 3rd
Harper & Reynolds Co., 152 N Main
Morton F. B., 515 E 31st
Pacific Pipe & Supply Co., 1002 Santa Fe av
Republic Supply Co., 1725H 7th
Turner G. H. Co., 600 S San Pedro
OAKLAND—Crane Co. (of Chicago)
Kinney R. W. Co.
Mark-Lally Co., 2nd & Tehama
SACRAMENTO—Miller-Enwright Co.
SAN DIEGO—Western Metal Supply Co.
Hazard-Gould Co.
Whiteing-Mead Commercial Co., 415 E 9th
SAN FRANCISCO — California Steam & Plumbing Supply Co., 671 5th
Crane Co., 2d & Bramon
Dalziel-Moller Co., 556 Mission
Dunham Carriagan & Hayden Co., Kansas & Division
Fay Geo. H. Co., 599 Mission
Garratt W. T. Co., 299 Fremont
Greenberg's M. & Son, 225 Beale
Haines, Jones & Cadbury Co. (of Phila., Pa.), 351 Folsom
Holbrook, Merrill & Stetson, 6th & Bluxome
Kinney R. W. Co.
Mark-Lally Co., 2d & Tehama
O'Hair P. E. & Co.
Pacific Sanitary Mfg. Co., 67 New Montgomery
Paine & Co., 144 2nd
Republic Supply Co., 500H 2nd
San Francisco Plumbing Supply Co.
Saul E. C. (Mfrs. Agents), Monadnock bldg
Simon Bros., 981 Mission
Standard Sanitary Mfg. Co., 149 Bluxconde
Stulsoft M. Co., 647 Missouri
Tay Geo. H. Co., 599 Mission
Weeks-Howe-Emerson Co., 90 Market
SAN JOSE—Gilger Frank B.

COLORADO.

DENVER—Garrett-Elliott Hardware & Heating Co.
Hedges-Atkins Supply Co.
O'Fallon M. J. Supply Co.
Wolff L. Mfg. Co. (of Chicago), 1533 Blake

CONNECTICUT.

BRIDGEPORT—Acme Plumbers' Supply Co., 185 John
Bridgeport Plumbing Supply Co.
Central Plumbing Supply Co.
DANBURY—Hull F. A. & Son
EAST NORWALK—Norwalk Mfg. Co.
HARTFORD — Eastern Plumbing Supply Co.
Little M. S. Manufacturing Co., Allyn & High
Plimpton & Hills Corp.
Purcell-Cox Corp.
Purcell J. L.
Trant Thomas & Bro.
Starbuck R. M. & Sons
NEW HAVEN—Mersick C. S. & Co.
New Haven Plumbing Supply Co.
Peck Bros. & Co.
NORWICH — Norwich Plumbing Supply House
STAMFORD—Cohn Wm.
WATERBURY—Daly Bros. Supply & Engng. Co.
Daly M. J. & Sons

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co.
Speakman Co.

DISTRICT OF COLUMBIA.

WASHINGTON — Cunningham Plumbing Supply Co., 1234 Pennsylvania av, N W
Latterner Arthur, 602 Penna. av, N W
Messer Jas. A. Co., Inc.
Schafer E. G. & Co., 218 13th, N W
Somerville Thos. Co., 312 13, N W

FLORIDA.

JACKSONVILLE—Cameron & Barkley Co.
Hubbard S. B. Co.
KEY WEST—Peacon Richard & Co.
Savannah Supply Co.
PENSACOLA—Born Chas. A.
TAMPA—Coates Plumbing Supply Co.
Florida Auto & Gas Engine Co.

GEORGIA.

ATLANTA—Crane Co.
General Supply Co.
Lowry Co.
AUGUSTA—McAuliffe T. G.
COLUMBUS—Columbus Iron Works
Philips Hdwe Co., Dept. H
ROME—Rome Supply Co.
SAVANNAH—Haines, Jones & Cadbury Co. (of Phila., Pa.)
McKenna Jas. H.
Savannah Supply Co.
Weed J. D. & Co. (Pipe & Fittings)

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co.
CHICAGO—Biddle Purchasing Co., 208 S La Salle
Block Mandel & Co., 1151 W 12th
Brooks Mfg. Co. (Specialties), 2946 W Lake
Chicago Millwork Supply Co., 1401 W 37th
Chicago Plumbing Supply Co., 726 W Grand av
Clow Jas. B. & Sons, Franklin & Harrison
Crane Co., 836 S Michigan av
See adv index at end of book
Davies Supply Co., 412 W Ontario
Deschauer Co., 1345 Blue Island av
Ellis Sol, 2114 S State
Enterprise Plumbing Supply Co., 10 E Kinzie
Federal-Huber Co., 234 N Halsted
Fulton Supply Co., 1600 Fulton
Geary Andrew J., 9311 Baltimore av
Goetz Brass Co., 630 N Franklin
Gollner Phillip Co., W 33d & Archer av
Guarantee Heating & Plumbing Supply Co., 2127 S State
Hardin-Lavin Co., 4543 Cottage Grove av
Henion & Hubbell, 219 N Jefferson
Hoelscher Bros., 1301 W Division
Illinois Malleable Iron Co., 1801 Diversey blvd
Karol B. & Sons Co., 800 S Kedzie av
Kellogg, Mackay Co., 419 W 18th
Kulp Chas. P. & Co., 1607 S State
Lavell Rubber Co., 413 N Franklin
Levinthal Plumbing Supply Co., 1637 W Div
Levy M. & Co., 2125 S State
Mid City Plumbing Supply Co., 1115 S Western
Mott J. I. Iron Wks., 104H S Michigan av
National Plumbing & Heating Supply Co., 6044 S State
Newar Miller Co., 3302 Ogden av
Peoples Plumbing & Heating Supply Co., 490 Milwaukee
Plumbing Sales Co., 835 W Lake
Quinn Supply Co., 29 South Western av
Schlangen Brothers Co., 2435 Irving Park blvd
Shane & Co., 3304 Wentworth
Superior Mfg. Co., 5723 W Huron
VERBECK HARRY CO. (Mfrs. Aegnts), 208 N Wells
Warshawsky & Co., 1915 S State
Weil Bros., 651 W Lake
Weir & Craig Co., 6316 Wentworth av
Western Plumbing Supply Co., 3228 Fillmore
Whitney & Ford, 4315 Cottage Grove av
Wolff Mfg. Co., 255 N Hoyne av
Zwick R., 1247 Blue av
DANVILLE—Inland Supply Co.
DECATUR—Field & Shorb Co.
PEORIA—Ideal Tank & Supply Co.
Kinsey & Mahler Co.
Nailon Bros. Co.
ROCKFORD—Rockford Brass Works
ST. CHARLES—Glenn Mfg. Co. (Iron Goods)

INDIANA.

ANDERSON—May Supply Co.
EVANSVILLE—Wooley John E. & Son
FORT WAYNE—National Mill Supply Co.
P. & H. Supply Co.
INDIANAPOLIS—Central Supply Co.
Jackson Supply Co.
Van Camp Hardware & Iron Co., 401 W Maryland
KOKOMO—Kokomo Hardware Co.
LAFAYETTE—Biggs B. F. Pump Co.

INDIANA—continued
LOGANSPORT—Baker Specialty & Sup. Co.
MUNCIE—Keiser Geo. & Co.
NOBLESVILLE—Clark's Supply House
PERU—Moseley Supply Co.
TERRE HAUTE—Crane Co. (of Chicago)
UNION CITY—Knapp Supply Co.
Union Sanitary Supply

IOWA.

CEDAR RAPIDS—Cedar Rapids Pump Co.
Chandler Pump Co.
DAVENPORT—Crane Co. (of Chicago)
DES MOINES—Beckman Bros.
Crane Co. (Of Chicago)
Globe Machinery & Supply Co.
Kurtz L. H. Co.
DUBUQUE—Kretschmer Mfg. Co.
McDONALD A. Y. MFG. Co. (Mfrs)
FORT DODGE—Leighton Supply Co.
MARSHALLTOWN—Fisher Governor Co.
MASON CITY—Hawkeye Supply Co.
OSKALOOSA—Ideal Mfg. & Supply Co.
SIOUX CITY—Crane Co.
Wigman-Curtis Co.
WATERLOO—Waterloo Mfg. Co.

KANSAS.

ATCHISON—Thayer Supply Co.
EL DORADO—Gaylord Sanitary Mfg. Co.
HUTCHINSON—Nelson Mfg. & Supply Co.
WICHITA—Crane Co. (of Chicago)
Martin Metal Mfg. Co.

KENTUCKY.

LOUISVILLE—Hyman E.
Laib Co.
Standard Sanitary Mfg. Co. (Ahrens & Ott Div)
Vogel P. A. & Sons, 121 W Main

LOUISIANA.

NEW ORLEANS—Fairbanks Co. Camp & St. Joseph (of New York City)
Manion & Co., 618 Baronne
Plumbing & Mill Supply Co., 840 Baronne
Standard Sanitary Mfg. Co., 846 Baronne
Standard Supply & Hdwe Co., 828H Tchoupitoulas

MAINE.

BANGOR—Dunning R. B. & Co.
PORTLAND—Blake W. L. & Co.
Smith & Abbott Co.

MARYLAND.

BALTIMORE—Central Metal & Supply Co., 611 E Lombard
Crane Co., 624 W Pratt
For branch offices see Alphabetical Section
Crook-Horner Supply Co., 7 Balderson
Cuyler & Mohler, 611 William
Herman B. C. Co., 1441 E Baltimore
Krause & Roberts, 1314 E Baltimore
Lit-Sliver Plumbing Supply Co., 109 Fallsway
Neser & Quinn Co., Lexington & Green
Robertson Jas. Mfg. Co., 108 Hopkins pl
Southern Supply Co., Calvert & Sara
Star Plumbing Supply Co., 919 E Lombard
Young, Klotsch & Appel, Inc. (Brass & Copper), 624 W Calvert
CUMBERLAND—McKaig Merwin
HAGERSTOWN—Ditto E. W.
Reichard Supply Co.

MASSACHUSETTS.

BOSTON—Barrett Jas. Mfg. Co., 117 Pearl
Boston Pipe & Fittings Co., 273 Congress
Boston Plumbing & Lighning Supply Co.
Bradlee & Chatman, 54 Canal
Braman, Dow & Co., 239 Causeway
Brown Wales Co., 489 C.
Butler Edmund F. & Co., 80 Pearl
Carpenter & Patterson
Crane Co. (of Chicago) 48 W 1st
Dalton-Ingersoll Mfg. Co., 52 Chauncy
Daly Plumbing Supply Co., 93 Cummings
Dececo Co., 157 High
Estabrook's R. Sons, 202 1st
Gallison Wm. H. Co., 399 Atlantic av
Gilchrist, Geo. E. Co., 106 High
Hercules Iron & Supply Co., 473 Atlantic av
Hubbard W. B. & Sons Co., 176 Oliver
Locke, Stevens & Co., 94 Warrenton
Martin Thos. F.
Postal Supply Co., 112H High
Sanitary Fixtures Co., 275 Congress
Sanitas Mfg. Co., 105 Washington
Sullivan Daniel P., Jr., 250 Congress
Sumner Dunbar, 287 Congress
Thompson Durkee Co., 92 High
Wacco Supply Co., 30 Marginal East
Webb F. W. Mfg. Co., 56 Elm
Whitehead Metal Products Co. (Brass Plumbing Supplies), 67-73 Washington, North
See adv index at end of book
Young Jos. H. Co., 82 High

CAMBRIDGE—Cambridge Plumbing Supply Co.
Corcoran Supply Co., 62 Albany
FITCHBURG—Parks & Cramer Co.
FRAMINGHAM — Manufacturing Equipment & Engng. Co.
HOLYOKE—Holyoke Supply Co.
LOWELL—Hobson & Lawler Co.
LYNN—Bourneuf Louis Corp.
NEW BEDFORD—Watson-Penfield Corp.
Wood, Brightman & Co.
PITTSFIELD—Robbins Gamwell & Co.
SALEM—Salem Plumbing & Lightning Supply Co.
SOMERFIELD—Ideal Supply Co.
SPRINGFIELD—Crane Co. of Springfield
Hyland W. J. Mfg. Co., 151 Dwight
New England Plumbing Supply Co.
WALTHAM—Maynard Mfg. Co.
WORCESTER—Baker Lead Mfg. Co.
Desper H. A. (Specialties), 40 Shelby

MICHIGAN.

BAY CITY—Aladdin Co.
Alert Pipe & Supply Co.
CADILLAC—Cadillac Plumbing Heating Co., Dept. H
DETROIT—Detroit Lead Pipe Works, 517 2nd
Harvey's A. Sons Mfg. Co., 128 1st
Kimball Eisenberg Co., 153 E Jefferson av
Lukomski Bros. Co., 2480 E Grant blvd
McCormick Plumbing Supply Co., 179 Baker
McRae & Roberts Co.
See adv index at end of book
Master Plumbers' Specialty Co., 21 E Fort
Michigan Plumbing Supply Co., 346 East Jefferson
Park & McKay, 55 Bagley av
Sales W. W. Co., 3115H Jefferson av
Walker Mfg. & Supply Co., Shelby & Woodbridge
GRAND RAPIDS—Ferguson Supply Co.
Grand Rapids Salvage Co.
JACKSON—Central Distributing Co.
LANSING—Michigan Supply Co.
MUSKEGON—Howden J. J. Co.
SAGINAW—Alert Pipe & Supply Co.

MINNESOTA.

DULUTH—Crane & Ordway Co.
Duluth Plumbing Supplies Co.
MINNEAPOLIS—Central Supply Co., 312 S 3rd
Crane Co. (of Chicago)
Gilmore D. M. Co., 515 S 3d
National Mfg. & Supply Co., 256 3d av
Rollins Sim D., Sec bldg
Roberts-Hamilton Co., 413 S 4th
ST. PAUL—Cochran-Sargent Co., 182 E 6th
Crane & Ordway Co. (of Chicago)
Robinson Plumbing Supply Co.
Twin City Plumbing Specialty Co., 406 Revoux
Union Brass & Metal Mfg. Co., Lawson & Mackubin
Western Supply Co., Park Square

MISSOURI.

JOPLIN—Plumbers Supply Co.
KANSAS CITY—Crane Co. (of Chicago), Kansas City Pump Co., 1314 W 10th
Reeves Supply Co., 1304 McGee
Southwest Plumbing Supply Co., 2030 Walnut
United States Water & Steam Supply Co.
Young W. B. Supply Co.
ST. JOSEPH—Horigan Supply Co.
Howe W. B. Supply Co.
ST. LOUIS—Adami Plumbing Supply Co.
Cahill-Swift Mfg. Co.
Central Hdwe Co.
Crane Co. (of Chicago)
Monument Plumbing Supply Co., 2635 Locust
Nelson N. O. Mfg. Co., 10th & Chestnut
SPRINGFIELD—Cooper Harry Supply Co.
Springfield Plumbing Co.

NEBRASKA.

LINCOLN—Cornell-Searl Co.
Western Supply Co.
OMAHA—Crane Co. (of Chicago)
Hause Chas. F. Mfg. Co.
Omaha Sanitary Supply Co.
United States Supply Co.
Wolff Mfg. Co.

NEW HAMPSHIRE.

CONCORD—Concord Pipe Co.
Page Belting Co., Inc.
MANCHESTER—Manchester Supply Co.
Trudell Geo. E. Co.

NEW JERSEY.

ATLANTIC CITY—Atlantic City Plumbing Supply Co.
BAYONNE—Bayonne Supply Co.
Blumenthal F. Co., Dept. H
BELMAR—Belmar Supply Co.
BOGOTA—Bogota Plumbing Supply Co.
ELIZABETH—Elizabeth Hardware Co.
Hemmendinger S.
GUTTENBERG—Herrmann F. W. Co.
HACKENSACK—Howell E. F. Mfg. Co.

JERSEY CITY—Jersey City Supply Co., 12 Mercer
Letcher R. J. & Son, 191 Morgan
Perkins Arthur L., 144 12th
Warren Plbg Supply Co., 261 Warren
NEWARK—Egbert W. V. & Co., 35 Mechanic
Howard Plumbing Supply Co., 133 Howard
Kantor Bros., 134 Little
Kenney Wm. F. (Specialties), 63 Mechanic
Roe Wm. S., 15-31H River
NEW BRUNSWICK—Beith & Reilly Co.
PASSAIC—Friedman A. J. Co.
Friedman Bros.
Passaic Plumbing Supply Co.
Ral Specialty Co.
PATERSON—McNab & Harlin Mfg. Co.
Mills H. W. & Co., 59H Washington
Quinn Bros.
Smith Abe
TRENTON—Katzenbach F. S. & Co.
Standard Supply & Equipment Co., 143 W Warren
Warren, Balderston & Co.
WEEHAWKEN—Berger Edw. W. & Bro.

NEW YORK.

ALBANY—Albany Hdwe. & Iron Co., Dept. H
Delehanty's M. Son
Hoy & Co.
AUBURN—Donovan D. A.
Smith & Pearson
BINGHAMTON—Millar Chas. & Son Co.
Prescott Supply Co.
BUFFALO—Alert Plumbing Supply Co., Inc., 788 Seneca
Buffalo Plumbing Supply Co., 665 Fillmore av
Bushnell Clarence E.
Case W. A. & Sons Mfg. Co.
Dixon & Ballou, 321 Ellicott
Hamill D. L. Co., 60 Delaware av
Schaefer Plbg. Supply Co., 146H Clinton
Warren & Dellwardt Co., 109 Seneca
ELMIRA—Le Valley-McLeod-Kinkaid Co.
Sweet A. L. Iron Works (Castings), 141 Glenwood av
KINGSTON—Canfield Supply Co.
LOCKPORT—M. A. Connor (Specialties)
MEDINA—Swett A. L. Iron Works (Castings), 145 Glenwood av
NEW ROCHELLE—Dimock & Fink Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Plumbing Mfg. Co., 164 Atlantic av
Bishop's Wm. Sons (Marine Tintures), 724 3d av
De Laney Thos. M., 576 Atlantic av
Gasner Simon & Sons Co., Inc., 1872 Pitkin av
Jacobs Geo. P. & Co., 274 S 9th
Johnson J. D. Co., 43 Boerum pl
McElraevy & Hauck Co., 440 B'way
Sackin & Levinson Co., 523 Atlantic av
Smyth-Donegan Co., 247 St. Marks av
Thill A. P. Co., 1035 Putnam av
Williamsburg Tinsmith Supply Co., 3H Moore

Boroughs of Manhattan and Bronx.

NEW YORK—Adee Fred Co., 3 Cliff
Associated Mfrs. Co. of N. Y., 103 Varick
Behrer Arnold & Sons, 273 Pearl
Behrer & Co., 81 Beekman
Beith & Reilly Co., 2475 3d av
Blue & Queripel Co., 2360 3d av
Campbell Supply Co., 570 Columbus av
Central Plumbers Supply Co., 252 Pearl
Charyn Al., 43H W B'way
Chelsea Mfg. Suply Co., 236 W 20th
Cornell & Underhill, Greenwich & Spring
Crane Co. (of Chicago), 490 Cherry
Dimock & Fink Co., 220 E 125th
Driggs C. V., Inc., 160 E 56th
Du Bois F. N. & Co., 247 9th av
Durst Mfg. Co., 105 Chambers
Efron Jacob, 233 Broome
Em-Em Selling Co., 424 Broome
Garrison Brass & Machine Wks., 107 W 13th
General Supply & Equip. Co., 207 Hudson
Glauber M. & Co., 103 Varick
Glauber Sam S., 242 E 79th
Greenbaum I., 64 E 116th
Greenberg, Louis, 43 Suffolk
Harlem Supply Co., 116 E 124th
Heights Plumbing Supply Co., 495 W 145th
Heiland Geo. W., 107 W 13th
H. & M. Plumbers' Supply Co., 217 E 58th
Hamilton Supply Co., 495 W 145th
Heiland Geo. W., 107 W 13th
Hess Chas. Co., 96 Wall
Hungerford U. T. Brass & Copper Co., 80 Lafayette
Hussey W. H. & Son, 148 W 35th
Interboro Plumbing Supply Co., 3923 3d av
Kamerman I., 1660 Park av
Keating E. F. Co., 446 Water
Keating James A. Co., 105 Christopher
McLoughlin Supply Co., 47 Cliff
McMann & Taylor Co., 104 John
See adv index at end of book
McShane Bell Fdy. Co., 50 Church

Maco Products Corp., 154 Nassau
Malbin Mayer, 303 E 60th
Matzke Morris, 424 Broome
Meyer F. & J., 116 Broad
Meyer-Sniffin Co., 11 W 36th
Murray Jno. A. & Co., 310 W 39th
Nason Mfg. Co., 71 Fulton
New York Plumbers' Specialty Co., 254 E 59th
Oliver Bros Inc., 71 Murray
Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d
Royal Plumbing & Roofing Supply Co., 430 W 125th
Schlossman M. & Son, 208 E 34th
Seed Filter & Mfg. Co., 73 Franklin
Seidenberg J. M. & Co., Inc., 545 3rd av
Shapiro A. Plumbing Supply Co., Inc., 167 Av A
SIMMONS JOHN CO., 110 Centre
See adv index at end of book
Smolka Edw. Plumbing Supply Co. (Inc.), 231 E 33d
Standard Plumbing Supply Co., St. Anns av & 159th
Stein Henry (Mfrs.' Agent), 48 Cliff
Swain Frank E. (Specialties), 69 Beekman
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 309-311 Canal
See adv index at end of book
United Plumbers' Supply Co., 181 E 108th
Weissberg Chas. Plumbing Supply Co., 317 Broome

End of New York City

ROCHESTER—Hunting Co.
Sloan Samuel & Co.
SYRACUSE—Crane Co.
Foley Supply Co.
TROY—Aird-Don Co.
UTICA—Millar Chas. & Son Co.
Utica Plumbing Supply Co.
WATERTOWN—Hunting Co.
Weekes Jno. & Son Co.
Wise J. B. Inc. ("Wisco" Mfrs.)
YONKERS—Yonkers Plumbing Supply Co.

NORTH CAROLINA.

CHARLOTTE—Parks-Cramer Co.
Whitman-Douglas Co.
WINSTON-SALEM—Crawford Mill Supply Co.

NORTH DAKOTA.

FARGO—Crane & Ordway Co.

OHIO.

AKRON—Mill & Mine Supply Co.
CANTON—Chapman Plumbing Supply Co., 204-208 W 3rd S W
CINCINNATI—Crane Co. (of Chicago), Est. 1855, 824 B'way
Douglas Jno. Co., Carthage
King Walter E. Co., 115 W 3rd
McDonald Jas. & Sons Co.
Merkel Bros. Co., Canal & Jackson
Murdock Mfg. & Supply Co., 426 Plum
CLEVELAND—Best Mfg. Co., 4610 St. Clair av
Cassidy Mfg. Co., 1396 E 65th
Cuyahoga House Wrecking Co., 6311 Kinsman rd
Federal Brass Mfg. Co. (Also Mfg. Brass Goods), 1000 Champlain av N W
Kennedy Co., Euclid av
Meyer Supply Co.
Modern Mfg. Co., 1872 E 55th
Paramount Brass & Mfg. Co. (Specialties), 2187 E 2d
Rivitz Chas & Co., 108 High av
Rivitz Hiram & Co., 1640 E 40th
Standard Sanitary Mfg. Co., 4409 Euclid av
Welker Supply Co., 6504 Carnegie av, S E
Worthington Geo. Co., 802-832 St. Clair av N W
COLUMBUS—Ascher Supply Co., 236 N 3d
Columbus Supply Co., 37 W Spring
Cussins & Fearn Co., 38-54H W Spring
Plumbers' & Factory Supply Co., 33 E Spring
Scioto Valley Supply Co., Long & 3rd
Westwater Supply Co., 150 N 3d
DAYTON—Dayton Supply Co.
Gibbons M. J. Supply Co.
Kiefaber W. H. Co.
GREENVILLE—Treaty Co.
LIMA—Good Tool & Supply Co.
MANSFIELD—Hughes Supply Co.
Humphryes Mfg. Co.
NEWARK—Universal Supply Co.
NEW PHILA—Sharp Mfg. & Supply Co.
NORWALK—Gfell Jno. H. & Co.
PORTSMOUTH—Portsmouth Supply Co.
Standard Supply Co.
ST. MARY'S—Jasperson Supply Co.
TIFFIN—Crobaugh & Dahm Hardware Co.
TOLEDO—American Plumbers' Supply Co.
Grosswiller Jos. F. Co., 430 Huron
Ohio Plumbers' Supply Co.
Shaw-Kendall Engineering Co.
Stearns Mfg. Co.
XENIA—Parker Supply Co.
ZANESVILLE—Roekel Co.

OKLAHOMA.

MUSKOGEE—Atlas Supply Co.
OKLAHOMA—Crane Co. (of Chicago)
Mideke Supply Co.

OREGON.

PORTLAND—Crane Co. (of Chicago)
Kline M. L. Co., 84 Front
Peerless Pacific Co., 72 Front
Stark-Davis Co.
Walworth Mfg. Co., 69 N 12th

PENNSYLVANIA.

ALTOONA—Standard Supply & Equipment Co.
BEAVER FALLS—Beaver Valley Mill Supply Co.
CHESTER—Turner Supply Co.
CONSHOHOCKEN—Case W. A. & Son Mfg. Co.
Conshocken Stone Quarry
DALTON—Dalton Supply Co.
HARRISBURG—Appleby Bros. & Whittaker Co.
Mather E. Co.
HAZELTON—Wagner Bros. Hardware Co.
LANCASTER—Pontz Fred D.
Raub Supply Co.
PHILADELPHIA—Blessing C. A., 516 Montgomery av
Butterworth Supply Co. (Sundries), 4200 Kensington av
Cooper Sanitary Mfg. Co., 34th & Chestnut
Crane Co. (of Chicago), 245 Master
Fleck Bros. Co., 44 N 5th
Ford & Kendig Co., 1428H Callowhill
Freedman, Small & Co., 623 S 6th
Froelich Bros., 142 N 7th
Haines Jones & Cadbury Co., 1136 Ridge av
Haynes-Thompson Co., 2107 Vine
Hydraulic Specialty Co., 427 Walnut
Keystone Supply & Mfg. Co., 917 N 9th
McCambridge Co., 315 No 20th
MacMullen & Co., 1037 Race
Mott Co. of Pa., 1006 Filbert
Penn. Pottery Co., Westmoreland & Tulip
Perkes Chas. Co., 627 Arch
Rainear C. J. & Co., 518 Arch
Savill's Thos. Sons, 1310 Wallace
Schaffer Chas. W. Co., 3214 Chestnut
Shuster Plumbing Supply Co., Willow & Franklin
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 43 No 7th
See adv index at end of book
Walls, Owen & Stambach Co., 11th & Hamilton
Woodward Wanger Co., 1106 Spring
PITTSBURGH—Alpha Supply Co.
Anchor Sanitary Co., 123 3d av
B. B. Specialty Co., 433 Liberty av
Bailey-Farrell Mfg. Co., 3d av & Rose
Bowman Supply & Mfg. Co., 890 Progress
Fort Pitt Supply Co., 332 2d av
Kelly & Jones Co., 135 Water
Manufacturers Distributing Co., 325 Penn. av
Pittsburgh Plumbing & Heating Co., 6310 Penn
Ross Hdwe & Plumbing Supply Co., 6322 Frankstone av
Standard Sanitary Mfg. Co., H Bessemer bldg
Standard Supply & Equipment Co., 29 & Smallman
Waite Supply Co., 2239 Brownsville rd
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright Geo. Hardware Co.
READING—Bright & Co.
Reading Foundry & Supply Co.
SCRANTON—Gunster Bros.
Keystone Specialty Co.
Scott Chas. B. Co.
Weeks R. E. Co.
SHAMOKIN—Sanner Hardware Co.
TITUSVILLE—Kernochan & Co.
WILKES-BARRE—Eastern Pennsylvania Supply Co.
Wyoming Valley Supply & Mfg. Co.
YORK—Small P. A. & S. Co.
YOUNGWOOD—Robertshaw Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Peck Benj. T., 251 Eddy
Phillips Lead & Supply Co., 91 S Main
Providence Plumbing Supply Co., 47 Pine
Rhode Island Supply & Sprinkler Co., 156 West Exchange
Tillinghast L. H. Supply Co., 162 Dorrance

SOUTH CAROLINA.

CHARLESTOWN—Bailey-Lebby Co.
Cameron & Barkley Co.
Franke C. D. & Co.
COLUMBIA—Southern States Supply Co.

SOUTH DAKOTA.

SIOUX FALLS—Plumbing Supply Co.
WATERTOWN—Crane & Ordway Co.

TENNESSEE.

CHATTANOOGA—James Supply Co.
KNOXVILLE—Crane Co.
McClung C. M. & Co.
MEMPHIS—Crane Co. (of Chicago)
Cronin, Baker & Trindal
NASHVILLE—Case W. A. & Son Mfg. Co.

TEXAS.

DALLAS—W. D. Specialty Co.
Wolff L. Mfg. Co.
EL PASO—Momsen-Dunnegan-Ryan Co.
FORT WORTH—Axtell Co.
HOUSTON—Keithly Co.
Nelson N. O. Co.
PARIS—Collins & Moore
SAN ANTONIO—Standard Sanitary Mfg. Co. (Ahrens & Ott Div.)

UTAH.

SALT LAKE CITY—Crane Co. (of Chicago)
Nelson Jos. Supply Co.

VERMONT.

RUTLAND—Lincoln Iron Works
ST. JOHNSBURY—Goss Supply Co.
WHITE RIVER JUNCTION—Shepard, Co., Inc.

VIRGINIA.

CHARLOTTESVILLE—Thomas R. L. & Co., Inc.
HAMPTON—Booker H. R. & Co.
NORFOLK—Empire Machy & Supply Corp.
Lum A. L. & Co.
Seaboard Supply Co.
Virginia-Carolina Supply Co.
RICHMOND—McGraw-Yarbrough Co.
Virginia-Carolina Supply Co.

WASHINGTON.

SEATTLE—Bowles Co., 107 Jackson
Crane Co. (of Chicago)
SPOKANE—Arnold-Evans Co.
Crane Co. (of Chicago)
Holley-Mason Hardware Co.
Hughes & Co.
TACOMA—American Plumbing & Steam Supply Co., 1908H Pacific av
Crane Co. (of Chicago)

WEST VIRGINIA.

CHARLESTON—Meyers Bros.
WHEELING—Trimble & Lutz Supply Co.

WISCONSIN.

GRAND RAPIDS—Hayden Supply Co.
GREEN BAY—Murphy Supply Co.
LA CROSSE—La Crosse Plumbing Supply Co.
Roosevelt W. A. Co.
MILWAUKEE—Dengel F. R. Mfg. Co., Fisher Specialty Co., 326 Ogden av
Hoffmann & Billings Mfg. Co., 100 2nd
McNally C. W. Co., 199 E Water
Rom Robt. Co., 1023 St. Paul av
Rundle-Spence Mfg. Co., 63 2d
Wisconsin Plumbing & Heating Supply Co., 298 Reed
WAUSAU—Wisconsin River Supply Co.

11256—Plumbers' Wood Work

For Jobbers of this Trade see Plumbers' Supplies, Jobbers

Albright Mfg. Co. ("Albright") Rural Hall, N. C.
American Woodwork Mfg. Co. (White & Varnished), Evansville, Ind.
B R E Mfg. Co. ("B R E" Closet Seats & Tanks), Hyde Park, Mass.
Becker Mfg. Co., The ("Hercules" Seat), Marietta, O.
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
Budde Mfg. Co., 4 Summer, San Francisco, Cal.
Burlington Venetian Blind Co., Burlington, Vt.
Burrows Wm. Mfg. Co., 430 Kent av, Brooklyn, N. Y.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co. ("Fibro" Seats & "Simplex" Tanks), 538 Dublin av, Columbus, O. *See adv index at end of book*
Concord Woodworking Co., Concord, N. H.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Douglas Jno. Co., Carthage, Cincinnati, O.
Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.
Emery Wm. S. ("Non-Split"), 118 E 28th, New York
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Ferguson Supply Co., Grand Rapids, Mich.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Heap Wm. & Sons (Seats, Tanks, Lowdown Tanks, Export English Pattern), Grand Haven, Mich.
Ideal Mfg. Co. (Seats & Tanks), Franklin & Dubois, Detroit, Mich.
James Mfg. Co., Canton, Ohio
Knott Mfg. Co., Tell City, Ind.
Leclaire Cabinet Works, Edwardsville, Ill.
Leclaire Mfg. Co., Edwardsville, Ill.
McLane Mfg. Co., Milford, N. H.
Miller Chas. A. Co. (Seats & Tanks), Sturgis, Mich.
Never-Split Seat Co. ("Never-Split" Closet Seats), Evansville, Ind.
Olmstead-Thomson Mfg. Co., New Britain, Conn.

PLUMBERS' WOOD WORK—continued
Park & McKay, 55 Bagley av, Detroit, Mich.
Peerless Tank & Seat Works, Evansville, Ind.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.
Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.
Plymouth Mfg. Co., Plymouth, Ind.
Raebeck & Zimtbaum, 16 Eckford, Brooklyn, N. Y.
Sherwood Brass Wks. ("Climax" Lock Joint), Detroit, Mich.
Shwab Bros. Co. ("Never-Break"), 311 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Standard Sanitary Mfg. Co. (Celluloid Covered & Plain Seats), Bessemer bldg, Pittsburgh, Pa.
Swain-Carpenter Co., 7th & Morris, Phila., Pa.
Thompson Mfg. Co., Holland, Mich.
Van Arnam Mfg. Co., Fort Wayne, Ind.

11256a—*Plumbing (Marine)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
WATERBURY MFG. CO., Waterbury, Conn.

11256b— *Plumbing Parts

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11257—Plumes (Horse Hair)

Bevin Bros. Mfg. Co., E. Hampton, Conn.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Wallace F. J. Co. (For Sleighs), Meriden, Conn.

11258— Plungers (Lime)

Emrich Phil., 324 Main, Cincinnati, O.

11259— Plungers (Pump)

Birdsboro Steel Foundry & Machine Co. (Chilled Iron, Ground & Finished), Birdsboro, Pa.
Detroit Machine Tool Co. (Oil, Straight Cylindrical Hardened Ground), 6545 St. Antoine, Detroit, Mich.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Pollak Steel Co., Cincinnati, Ohio
Smith Jas. & Son (Leather), 40 Franklin av, Brooklyn, N. Y.
Stein John J. (Leather), 30 Clay, B'klyn, N. Y.

11260— Plushes

American Velvet Co. (Silk), Stonington, Conn.
Astoria Silk Works (Silk), 727 Steinway av, Long Island City, N. Y.
Baker A. T. & Co. (Coton & Mohair), Manayunk, Phila., Pa.
Baxter, Kelley & Faust (Cotton), 29 E 19th, New York
Blumenthal Sidney & Co. (Silk, Cotton & Mohair), Shelton, Conn.
Brookside Mills, Knoxville, Tenn.
Chase L. C. & Co. ("Goat" Brand Mohair Velvets), 89 Franklin, Boston, Mass. *See adv index at end of book*
Cheney Bros. (Silk Dress), So. Manchester, Conn.
Collins & Aikman Co. (Cotton, Linen, Mohair & Car), 4675 Nixon, Phila., Pa.
Contrexeville Mfg. Co. (Cotton, Flax & Jute), Manville, R. I.
Dobson J. & J. (Velvet, Silk, Mohair, Seal & Cotton Plushes), Falls Schuylkill, Phila., Pa.
Eagle Mills (Cotton), Woonsocket, R. I.
Genessee Textile Co. (Wool & Cotton), Rochester, N. Y.
Holyoke Plush Co., Holyoke, Mass.
Lees Daniel (Estate of) (Cotton Upholstery Velours), Glen Riddle, Pa.
Mass. Mohair Plush Co. (Mohair Car & Furniture), 200 Devonshire, Boston, Mass.
Mianus Mfg. Co. (Woolen for Cloakings, Shoes, Gloves, etc.), Coscob, Conn.
Oxford Plush Mills (Verona Plushes), Front & Oxford, Phila., Pa.
Pearson Fred & Co. (Verona Upholstery, Drapery, etc), Leverington & Wilde, Phila., Pa.
Peerless Plush Mfg. Co. (Cotton & Silk Upholstery, Mohair & Seal Mantile Plushes), Paterson, N. J.
Salt's Textile Mfg. Co. (Silk, Seal, Upholstery & Mohair), Bridgeport, Conn.
Sanford Mills (Mohair, Furniture, Car. etc), Sanford, Me.
Simon R. & H. Co. (Silk Dress), Town of Union, N. J.
Stroock Plush Co. (Moquettes & Plain Plush), Newburgh, N. Y.
Tingue Mfg. Co. (Mohair), Seymour, Conn.
Victoria Plush Mills (Silk), Swarthmore, Pa.

11260a—Plywood (Waterproof)

Haskelite Mfg. Corp., Chamber of Commerce bldg, Chicago, Ill.

Pneumatic Air Hoists

See Pneumatic Hoists

11261— Pneumatic Ash Handling System

Green Engineering Co. ("Geco" for Power Plants), East Chicago, Ind.

11262—Pneumatic Baby Drillers

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

11263—Pneumatic Beading Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, O.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Oldham Geo. & Son Co., Tackawanna, Frankford, Phila., Pa.

11263a—*Pneumatic Boiler Makers' Hammers

Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

11264—Pneumatic Boiler Riveters

Allen John F. Co. (Percussion & Compression), 370 Gerard av, New York
Chicago Pneumatic Tool Co., 5 East 44th, New York. *See adv index at end of book*
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.

11265—Pneumatic Boiler Scaler

Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.

11266—Pneumatic Bolt Nippers

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Helwig Mfg. Co. ("Helwig" Portable), St. Paul. Minn.

11267-8-9—Pneumatic Breast Drills

CHICAGO PNEUMATIC TOOL CO. ("Litle Giant"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

Pneumatic Casting Cleaners

See Pneumatic Scaling Hammers

Pneumatic Chain Hoists

See Pneumatic Hoists

11270—Pneumatic Chipping & Calking Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Delaware Tool Co., Wilmington, Del.
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Hardsocg Wonder Drill Co. ("Wonder"), Ottumwa, Ia.
Helwig Mfg. Co. ("Helwig" & Beading), St. Paul, Mnn.
Independent Pneumatic Tool Co. ("Thor"), 600 W. Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila., Pa.

11270a—Pneumatic Chisel Blanks

Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Delaware Tool Co., Wilmington, Del.
Duke Steel Co, Inc., 191 Pearl, New York
See adv index at end of book
Marchant Geo. F. Co., 1420 S Rockwell, Chicago, Ill.

11271—Pneumatic Compression Riveters

Allen John F. Co., 370 Gerard av, New York
Baird Pneumatic Tool Co. (Portable Punch), Rialto bldg, Kansas City, Mo.
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Ryerson Jos. T. & Son, 910 Corn Exchange bldg & 16th & Rockwell, Chicago, Ill.
See adv index at end of book
Slocomb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

Pneumatic Concrete Rammers

See Pneumatic Sand Rammers

11272—Pneumatic Corner Drills

CHICAGO PNEUMATIC TOOL CO. ("Little Giant"), 6 E 44th, New York
See adv index at end of book
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 Broadway, New York. *See adv index at end of book*

11273—*Pneumatic Crane Motors

See also Pneumatic Motors
Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Ingersoll-Rand Co. ("Imperial," "Little Tugger"), 11 B'way, New York
See adv index at end of book

Pneumatic Despatch Tubes

See Pneumatic Tubes

11274—Pneumatic Drift Bolt Drivers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co., 373 E 78th, Cleveland, O.

11275-6—Pneumatic Drills

CHICAGO PNEUMATIC TOOL CO. ("Little Giant," "Boyer"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. (Corner Drills), 3734 E. 78th, Cleveland, O.
Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.
Delaware Tool Co., Wilmington, Del.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig," Reversible), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
McKIERNAN-TERRY DRILL CO., 17 Park Row, New York
See adv index at end of book
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

Pneumatic Feather Drills

See Pneumatic Plug Drillers

11277-8—Pneumatic Flue Cutters

See also Cutters, Flue
Union Machine Co., 183 University av, St. Paul, Minn.

11279—Pneumatic Flue Rollers

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 600 W Jackson blvd, Chicago, Ill.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Union Machine Co. (Ball Bearing), 183 University av, St. Paul, Minn.

11280—Pneumatic Flue Welders

See also Flue Welding Machines
Draper Mfg. Co. ("Draper Improved"), Port Huron, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Pneumatic Forges

See Forges, Pneumatic

11281—Pneumatic Forging Hammers or Machines

Nazel Engineering & Machine Wks. ("Nazel"), 4049 N 5th, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

Pneumatic Foundry Rammers

See Pneumatic Sand Rammers

Pneumatic Granite Cutters' Tools

See Pneumatic Stone Cutters' Tools

11282—Pneumatic Hammer Drills

Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Cleveland Rock Drill Co., 3734 E 78th, Cleveland, O.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Bull Moose," "Jackhamer," "Leyner-Ingersoll," "Jackstoper" & "Butterfly"), 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co. ("Sullivan"), Peoples Gas bldg, Chicago, Ill.
Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

11283— Pneumatic Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer" Riveting & Chipping), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co., 3734 E 78th, Cleveland, O.
Dallett Thos. H. Co. ("Dallett" Stone Workers), 1324H Federal, Phila., Pa.
Dayton Pneumatic Tool Co. ("Green" & "Dayton," "Greater Dayton," Dayton, O.
Helwig Mfg. Co. ("Helwig," for Chipping, Calking & Riveting), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL - RAND CO. ("Imperial," "Crown" & "Little David"), 11 B'way, New York. *See adv index at end of book*
Leyner J. Geo. Engineering Works Co. (For Stone or Metal), Littleton, Colo.
Nazel Engineering Works ("Nazel"), 4049 No. 5th, Phila., Pa.
Oldham Geo. & Son Co. (For Stone, Marble & Granite), 4326 Tackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., Canton, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.
Williams White & Co. ("Yeakley"), Moline, Ill

11284— Pneumatic Hoists

Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
Blethen Hugh R., 21 Park Row, New York
CHICAGO PNEUMATIC TOOL CO. (Geared & Trolley Combined), 6 E 44th, New York
See adv index at end of book
Curtis & Co. Mfg. Co. (Vertical, Horizontal Traveling, etc), 1571 Kienlen av, St. Louis, Mo.
Dake Engine Co. (Chain or Wire Rope, Hook Type & Trolley Type), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Hanna Engineering Wks. (I. M. S."), 1764 Elston av, Chicago, Ill.
Independent Pneumatic Tool Co., 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Imperial" & "Little Tugger"), 11 B'way, New York
See adv index at end of book
Leyner J. Geo. Engng. Wks. Co., Littleton, Colo.
Northern Engineering Works, 210H Cheney, Detroit, Mich.
Q. M. S. Co., 1771 Elston av, Chicago, Ill.
Ridgway Craig & Son Co.
Rix Compressed Air & Drill Co. (Mine), 505 Howard, San Francisco, Calif. & 409 E 3rd, Los Angeles, Calif.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Smith, Drum & Co. (Traveling & Stationery), Allegheny av & 5th, Phila., Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

11285-6—Pneumatic Hose Couplings

CHICAGO PNEUMATIC TOOL CO. ("Chicago-Universal"), 6 E 44th, New York
See adv index at end of book
Clark W. J. Co. ("Quick-As-Wink"), Salem, O.
Cleveland Pneumatic Tool Co. ("Bowes"), 3734 E 78th, Cleveland, O.
Curtis & Co. Mfg. Co. ("Curtis"), 1502 Kienlen av, St. Louis, Mo.
Dallett Thos. H. Co. ("Dallett' Automatic), 1324 Federal, Phila., Pa.
Dixon Valve & Coupling Co. ("Boss"), 11th & Race, Phila., Pa.
Duntley-King Pneumatic Tool Co., 1142H Diversey Parkway, Chicago, Ill.
Edwards H. D. & Co. ("Joy" Automatic), 16 Woodward av, Detroit, Mich.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Howell F. R. Brass Works, 122 N Franklin,(Phila., Pa.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Keller Pneumatic Tool Co. ("Thompson"), Fond du Lac, Wis.
Knox Mfg. Co., 821 Cherry, Phila., Pa.
Moran Flexible Steam Joint Co. (All Metal Flexible; also for Steam or Liquid), Louisville, Ky.
Morse A. J. & Son Inc., 221 High, Boston, Mass.
Mulconroy Co. ("Mulconroy" Couplings & Nipple), 54th & Jefferson, Phila., Pa.
Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kansas
Wood Drill Works ("Wood"), Paterson, N. J.

11287—Pneumatic Jam Riveters

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.
INGERSOLL-RAND CO. ("Little David"), 11 B'way, New York
See adv index at end of book

11288— Pneumatic Motors

CHICAGO PNEUMATIC TOOL CO. ("Little Giant"), 6 East 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Dake Engine Co. (Reversible), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Draper Mfg. Co. ("McGrath" for R. R. Turntables, etc), Port Huron, Mich.
Helwig Mfg. Co. ("Helwig" Reversible, Both End & Central Spindle for Metal & Wood Boring), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Imperial" & "Little Tugger"), 11 B'way, New York
See adv index at end of book

11289—*Pneumatic Motors & Geared Pneumatic Hoists

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

-- PNEUMATIC MOTORS --
—AND—
Geared Pneumatic Hoists
DETROIT HOIST & MACHINE CO
DETROIT, MICH.

11290—*Pneumatic Painting Machines

See also Paint & Whitewash Spraying Machines
SPRAY ENGINEERING CO. ("Spraco" Equipments), 93 Federal, Boston, Mass. *See adv index at end of book*

11291—Pneumatic Pile Drivers

Brown Portable Conveying Machy Co. ("Auto-Piler," self-propelled, inclined), 10 S. La Salle, Chicago, Ill.
Browning Co. (Railroad Car), E 162d & Waterloo rd N E, Cleveland, Ohio
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
Ill. *See adv index at end of book*
INGERSOLL-RAND CO. (Sheet), 11 B'way, New York
See adv index at end of book
Leyner J. Geo. Engineering Works Co., Littleton, Col.
McKiernan Terry Drill Co. (Sheet), 15 Park Row bldg, New York
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila.. Pa.

11292—Pneumatic Piston Drills

CHICAGO PNEUMATIC TOOL CO. ("Little Giant"), 6 East 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland" Four Piston), 3734 E 78th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Air), 600 W Jackson blvd, Chicago, Ill.
Ingersoll-Rand Co. ("Imperial" & "Little David"), 11 B'way, New York
See adv index at end of book

11293—Pneumatic Plug Drillers

Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Cleveland Rock Drill Co., 3734 E 78th, Cleveland, O.
Dallett Co. Thos. H. ("Dallett" Automatic), 1324 Federal, Phila., Pa.
Delaware Tool Co., Wilmington, Del.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Butterfly," "Imperial," "Jackhamer," "Bull Moose," "Invincible"), 11 B'way, New York
See adv index at end of book
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

11294—Pneumatic Presses

Slocomb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Springfield Machine Tool Co. (Intensifying), Springfield, O.

11295—Pneumatic Pumping Systems

See also Pneumatic Water Supply System; also Pumps, Pneumatic
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
INGERSOLL-RAND CO. (Air Lift & Return-Air), 11 B'way, New York
See adv index at end of book
Van Nouhuys Machine Works, Albany, N. Y.

11296— Pneumatic Punches

Hanna Engineering Works (Portable), 1764 Elston av, Chicago, Ill.
Slocomb F. F. & Co. ("Caskey" Portable), 14th & Poplar, Wilmington, Del.

11297—Pneumatic Reaming & Tapping Drills

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 600 W Jackson blvd, Chicago, Ill.
Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

11298—Pneumatic Reaming & Tapping Motors

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Keller Pneumatic Tool Co., Fond du Lac, Wis.

11299—Pneumatic Rivet Holder-On

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Little David"), 11 B'way, New York
See adv index at end of book
Pittsburgh Pneumatic Co., Canton, O.

11300— Pneumatic Rivet Sets

California Tool Works, 181 Beale, San Francisco
Chicago Pneumatic Tool Co., 6 East 44th, New York. *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3931 St. Clair av, N E Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Scully Steel & Iron Co., New Continental & Commercial Bank bldg, Chicago, Ill.
Ward Tool & Forging Co., Latrobe, Pa.

11301— Pneumatic Riveters

See also Hammers, Riveting
ALLEN JNO. F. CO. (Percussion & Compression), 370 Gerard av, New York
Chambersburg Engineering Co. (Heavy), Chambersburg, Pa.
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland" Pocket-in-head), 3734 E. 78th, Cleveland, O.
Dayton Pneumatic Tool Co., Dayton, O.
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Delaware Tool Co., Wilmington, Del.
Grant Mfg. & Machine Co. ("Grant"), Bridgeport, Conn.
Hanna Engineering Works ("Hanna," Hydro-Pneu & Plain Toggle), 1764 Elston av, Chicago, Ill.
Hardsoog Wonder Drill Co. ("Wonder" for Boilers, Tanks, etc), Ottumwa, Ia.

PNEUMATIC RIVETERS—continued
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Little David," "Imperial" & "Crown"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Liberty Tool Corp. (Backing Out), 1321H Munsey bldg, Baltimore, Md.
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila.. Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Slocomb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Watson-Stillman Co., 38 Church, New York *See adv index at end of book*

11302—Pneumatic Rock Drills

See also Pneumatic Plug Drillers

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Cleveland Rock Drill Co., 3734 E 78th, Cleveland, O.
Cochise Machine Co., Los Angeles, Cal.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Hardsocg Wonder Drill Co. ("Hardsocg," "Wonder"), Ottumwa, Ia.
INGERSOLL-RAND CO. ("Sergeant," "Little Giant," "Butterfly" & "Leyner-Ingersoll"), 11 B'way, New York
See adv index at end of book
Leyner J. Geo. Engineering Works Co. ("Leyner"), Littleton, Colo.
Mine & Smelter Supply Co. ("Holman"), 42 B'way, New York
Shaw C. H., Pneumatic Tool Co. ("Shaw," "Eclipse" Air Hammer), Denver, Col.
Wickes Machinery Co. ("Murphy's" Little Champion), Jersey City, N. J.
Wood Drill Works, Paterson, N. J.

11303—Pneumatic Rotary Drills

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland" Breast), 3734 E 78th, Cleveland, O.
Ingersoll-Rand Co. ("Crown," "Imperial," "Little David"), 11 B'way, New York
See adv index at end of book

11304-5—Pneumatic Sand Rammers

See also Rammers, Foundry

CHICAGO PNEUMATIC TOOL CO. ("Boyer" & "Keller"), 6 East 44th, New York *See adv index at end of book*
Cleveland Pneumatic Tool Co., 3734 E 78th. Cleveland, O.
Dayton Pneumatic Tool Co., Dayton, O.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown"), 11 B'way, New York
See adv index at end of book
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Pittsburgh Pneumatic Co., Canton, O.

Pneumatic Sand Sifters

See Sifters, Sand, with the Word "Pneumatic" Following the Names

11306—Pneumatic Scaling Hammers

For Scaling Castings, Etc

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, O.
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial," "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.

11307—Pneumatic Staybolt Breakers

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Reliance Mach. & Tool Wks., Charming & Franklin avs, St. Louis, Mo.

11308—Pneumatic Staybolt Clippers

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

11309-10—Pneumatic Staybolt Cutters

See also Cutters, Staybolt

Baird Pneumatic Tool Co. (Portable Punch & Riveter), Rialto bldg, Kansas City, Mo.

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Reliance Machine & Tool Works, Charming & Franklin avs, St. Louis

Pneumatic Staybolt Nippers

See Pneumatic Bolt Nippers

11311—Pneumatic Stone Carving Tools

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Dallett Thos. H. Co. ("Dallett"), 1324H Federal, Phila., Pa.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila.. Pa.
Trow & Holden Co., Barre, Vt.

11312—Pneumatic Stone Cutters' Tools

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila.. Pa.
Trow & Holden Co. ("Barre"), Barre, Vt.

11313—Pneumatic Stone Surfacing Machines

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), 6 E 44th, New York
See adv index at end of book
Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.
Livingston Mfg. Co., Rockland, Me.
Oldham Geo. & Son Co. (Portable), 4326 Tackawanna, Frankford, Phila., Pa.
Trow & Holden Co., Barre, Vt.

11314—*Pneumatic Tool Appliances

CHICAGO PNEUMATIC TOOL CO., 6 E, 44th, New York
See adv index at end of book

11315—Pneumatic Tool Lubricants

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland" "Never-Gum"), 3734 E 78th av, Cleveland, O.
Houghton E. F. & Co., 240 W. Somerset, Phila, Pa.
Zurn O. F. Co. ("Pneuoxyum"), Broad & Lehigh, Phila., Pa.

11316—Pneumatic Tool Lubricators

Carron A. M. Machine Co. ("Pittsburgh"), Penn & Barbeau, Pittsburgh, Pa.
CHICAGO PNEUMATIC TOOL CO., 6 E, 44th, New York
See adv index at end of book

11317— Pneumatic Tools

Atlas Engng. Co., Lincoln, N. J.
CHICAGO PNEUMATIC TOOL CO., 6 E, 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Delaware Tool Co., Wilmington, Del.
Dopp J. W. & Co. (Dealers), 18 W Columbia, Detroit, Mich.
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kotten Machine Co., Bergen & Kearney av, Jersey City, N. J.
Liberty Tool Mfg. Co., Hagerstown, Md.
Livingston Mfg. Co., Rockland, Me.
Manitowoc Ship Bldg Co. ("Gunnell" Holder Ons.), Manitowoc, Wis.
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.
Oldham Geo. & Son Co., 4326 Tackawanna, Frankford, Phila.. Pa.
Schramm Chris. D. & Sons Inc., 709 Arch, Phila., Pa.
Shaw C. H. Pneumatic Tool Co., Denver, Col.
Slocomb F. F. & Co. (Punches and Riveters), 14th & Popular), Wilmington, Del.

Pneumatic Trolley Hoists

See Pneumatic Hoists

11318— Pneumatic Tubes

American Pneumatic Service Co., 100 Boylston, Boston, Mass.
American Tube Works (Seamless Drawn Brass & Copper), 10 Oliver, Boston, Mass.
LAMSON CO., 100 Boylston, Boston, Mass.
Perfection Tire & Rubber Co. (Tire), Fort Madison, Ia.
Pneumatic Transit Co., 926 Columbia, Phila., Pa.
Standard Store Service, Inc., Hartford, Conn.
Universal Tube Co., 321 W Ohio, Chicago, Ill.

11319—Pneumatic Tubes & Caissons for Bridge Piers

Builders Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.

11320—Pneumatic Water Supply Systems

See also Pneumatic Pumping Systems

Andrews Heating Co. ("Andrew's Air Pressure, Minneapolis, Minn.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bennett Bros. Co. ("Ideal), Lowell, Mass.
Butler Co., Butler, Ind.
Carter Ralph B. Co., 152 Chambers, New York
Celina Mfg. Co., Celina, O.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
DEMING CO. (Hydro-pneumatic), Salem, Ohio
See adv index at end of book
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fleck Bros. Co. ("Neptune"), 44 N 5th, Phila., Pa.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., Seneca Falls, N. Y.
Heller-Aller Co., Napoleon, O.
Illinois Pump & Brass Co. ("Nocost," Perfect Duplex), Peoria, Ill.
Ingersoll-Rand Co. (Air Lift), 11 B'way, New York *See adv index at end of book*
Leader Iron Works ("Leader" Water Systems), Decatur, Ill.
Luitwieler Pumping Engine Co., Rochester, N. Y.
Lunt-Moss Co., 43 So Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Murphy & Walsh, Pekin, Ill.
National Steel Tank & Mfg. Co. ("National"), Bradford, Ill.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Pacific Pump & Supply Co. (Jobbers), 853 Folsom, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Quick & Thomas Co., Auburn, N. Y.
SCAIFE WM. B. & SONS CO. (& Tanks), First Nat. Bk. bldg., Pittsburgh, Pa.
See adv index at end of book
Sloan Samuel & Co. ("Superior"), Rochester, N. Y.
Weber Subterranean Pump Co., 50 E 42d New York
Woodmanse Mfg. Co., Freeport. Ill.

11321-2—Pneumatic Winches

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book

Pneumatic Winding Drums

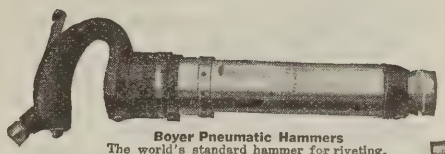
See Drums, Winding

11323—Pneumatic Wood Boring Machines

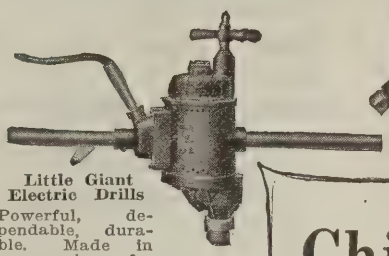
CHICAGO PNEUMATIC TOOL CO. ("Little Giant"), 6 E 44th, New York
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 600 W Jackson blvd, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial," "Little David"), 11 B'way New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.

11324—Pneumatic Wood Carving Tools

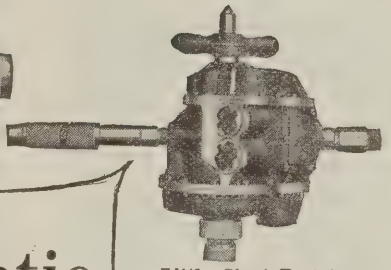
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Dallett Thos. H. Co. ("Dallett"), 1324 Federal, Phila., Pa.



Boyer Pneumatic Hammers
The world's standard hammer for riveting, chipping, calking, flue beading, scaling, etc.



Little Giant Electric Drills
Powerful, dependable, durable. Made in many sizes for operation on A. C., D. C. or "Universal" current.



Little Giant Portable Air Drills
Made in a complete line for drilling, reaming, tapping, screw and bolt setting, wood boring, etc.

Chicago Pneumatic

Depend upon that Name

FOR over 25 years the name "Chicago Pneumatic" has symbolized leadership in the portable tool and allied machinery industry.

Chicago Pneumatic Products include:

After-Coolers—Air
Angle Gears—Portable Drill
Automatic Oilers—Pneumatic Tool
Chisel Blanks—Pneumatic Tool
Compressors—Air, Portable and Stationary (oil, gas, gasoline, steam, electric motor and belted types)
Compressors—Gas
Drift-Bolt Drivers
Drills—Air, Wood-Boring
Drills—Air, Coal
Drills—Close Quarters, Air
Drills—Electric Track
Drills—Electric, Hammer
Drills—Portable, Electric, Direct Current
Drills—Portable, Electric, Universal Current
Drills—Portable, Electric, Alternating Current
Drills—Air, Portable
Drills—Rock
Engines—Gas
Engines—Semi-Deisel Oil
Engines—Steam
Grinders—Portable, Electric
Grinders—Portable, Pneumatic
Grinders—Precision, Electric
Grinders—Tool Post, Electric
Hammers—Pneumatic, Boyer
Hammers—Pneumatic, Beading
Hammers—Pneumatic, Calking
Hammers—Pneumatic, Chipping.
Hammers—Pneumatic, Riveting
Hammers—Pneumatic, Scaling
Hose—Air
Hose Couplings
Hose Clamp Tools
Holder-Ons—Pneumatic
Hoists—Geared, Air
Hoists—Portable Mine, Air
Lubricants—Pneumatic Tools
Motors—Air
Pumps—Vacuum
Rammers—Pneumatic
Receivers—Air
Rivet Busters
Rivet Sets
Riveters—Jam
Riveters—Pedestal
Riveters—Staybolt
Riveters—Yoke
Shell Riveters
Stone Tools—Pneumatic
Tapping Machines—Pneumatic
Vacuum Pumps
Winches—Pneumatic

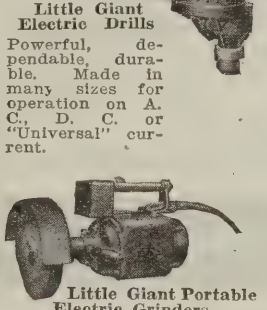
Bulletins descriptive of any of the foregoing will be furnished upon request. Please address nearest Branch.

Chicago Pneumatic Tool Company
6 East 44th Street, New York, U. S. A.

Sales and Service Branches All Over the World .

(For list see Index to Advertisers)

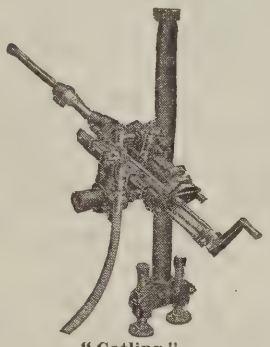
CABLE ADDRESS: "PNEUMATIC"



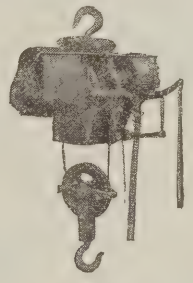
Little Giant Portable Electric Grinders
Made in several sizes for operation on either A. C., D. C. or "Universal" current.



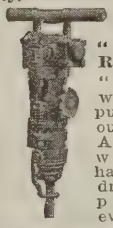
Little Giant Portable Pneumatic Grinders
Easy to handle and control, economical to operate. Made in a complete line.



"Gatling" Rock Drills
A one-man piston drill combining dependability, high speed, ease of control and quick portability.



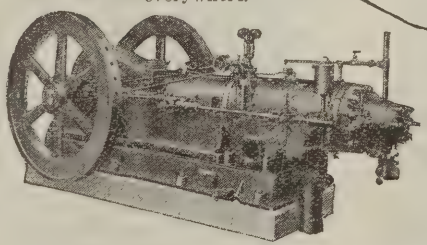
Little Giant Pneumatic Hoists
Made in capacities from 1 to 10 tons, both portable and trolley mounted types.



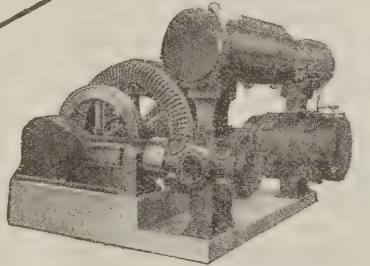
"Hummer" Rock Drills
"The drill with a punch without a kick." A smooth working, hard-hitting drill of wide popularity everywhere.



Boyer Holder-Ons
A handy labor-saving device for holding rivets in place by pneumatic pressure while they are being driven.



Giant Fuel Oil, Gas and Steam Engines
Made in both single and duplex types. Capacities from 12 to 200 H. P.



Chicago Pneumatic Air and Gas Compressors
Made in over 300 sizes and styles—stationary, portable and semi-portable types.

11325—Pneumatic Yoke Riveters

CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Hanna Engineering Works ("Hanna" Plain Toggle), 1764 Elston av, Chicago, Ill.
Pa.

11325a— Pneumercators

Pneumercator Co. Inc., 15 Park Row, New York

11326— Poachers (Egg)

Columbian Enameling & Stamping Co., Terre Haute, Ind.
Lalance & Gosjean Mfg. Co., 299 B'way, New York
Republic Metalware Co. The ("Buffalo" Steam), Buffalo, N. Y.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

11327—Pocket Book & Bag Frames

Diffany & Co. (Silver), 436 Mulberry, Newark, N. J.
Eastern Tool & Mfg. Co. (Hand-Bag Trimmings), Bloomfield av, Bloomfield, N. J.
Goertz Aug. & Co., 276 Morris av, Newark, N. J.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Mergott J. E. Co., 366 Jelliff av, Newark, N. J.
Osborn J. K. Manfg. Co., Harrison, N. J.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Zinn Simon, Inc., 25th & 11th av, New York

11328— Pockets (Coal)

Bergen Point Iron Wks., Bayonne, N. J.
Crane Co., 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
CRAINE SILO CO., INC., Norwich, N. Y.
See adv index at end of book
Dempcy Degener Co., 708 Penn av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hendrick Mfg. Co., Carbondale, Pa.
Howe Scale Co. of Illinois, 1315 S. Wabash av, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mobile Steel Co., Mobile, Ala.

11329—Pockets (Cotton Waste)

Knapp Mfg. & Supply Co., 241 Water, New York

11330— Pockets (Draw Bar)

Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

11331— Pockets (Drip)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

11332—Pockets (Sliding Door)

National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.

11333— Pockets (Stake)

Richards-Wilcox Mfg. Co. ("Richards" Steel), Aurora, Ill.

11333a— Pockets (Wall)

American Wall Pocket Mfg. Co., 1021 Main, Buffalo, N. Y.
Ellery Jos. E., 381 4th av, New York
Hagelberg W. Inc., 5 E 17th, New York
Harder & Boesenberg, 377 B'way, New York
Metropolitan Imptg. & Mfg. Co. 304 E 23rd, New York
Osterman H. G. Co., 29 B'way, New York
U. S. Wall Pocket Mfg. Co., 304H E. 23d, New York
Walcutt Bros. Co., 141-155 E 25th, New York

11333b—*Poidometer Mfrs.

Harder Ad & Bresenberg, 377 B'way, New York
SCHAFFER ENGINEERING & EQUIPMENT CO., 3828 Smallman, Pittsburgh, Pa. *See adv index at end of book*

11334—*Pointers (Blackboard)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

Pointers (Bolt)

See Machines, Bolt Pointing

11335— Pointers (Dowel)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co. ("Hargrave's"), Norwood, Cincinnati, O.
See adv index at end of book

11336— Pointers (Spoke)

See also Trimmers, Spoke

Buckeye Mfg. & Fdy. Co., 2046 W 55th, Cleveland, O.
Cincinnati Tool Co. ("Hargrave's"), Norwood, Cincinnati, O.
See adv index at end of book
Southington Mfg. Co., Southington, Conn.
Swan Jas. Co., Seymour, Conn.
Wood A. A. & Sons Co., Atlanta, Ga.

11337— Pointers (Wire)

Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*
Welch T. F. Co., 55 Sudbury, Boston, Mass.

Points (Carbon)

See Tools, Diamond

11337a—Points (Contact & Sparking)

American Platinum Works ,Platinum for Spark Coils), 231 & N. J. R. R. av, Newark, N. J.
Baker & Co (Platinum for Gas & Gasoline Engines), 54 Austin, Newark, N. J.
Bender Hy. (Platinum), 42 Walnut, Newark, N. J.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Fansteel Products Co. (Tungsten), 215 N Michigan av, Chicago, Ill.
K. W. Ignition Co. ("K-W." "Sparkite"), Chester av & E. 35th, Cleveland, O.
New Era Spring & Specialty Co., Detroit, Mich.
Niehoff Paul G. & Co., 232 E Ohio, Chicago, Ill.
Pfanstiehl Co. (Tungsten & Molybdenum), No. Chicago, Ill.
WILSON H. A. CO. (Platinum & Silver), 99 Chestnut, Newark, N. J.
Woodside Electric'l Shops Co., Metuchen, N. J.

11338— Points (Cultivator)

See also Points, Plow

Harrow Spring Co., Milwaukee, Wis. Works: Kalamazoo, Mich.
Henry & Allen, Auburn, N. Y.
Mason F. C. & Co. (Spring Tooth, Single & Double Pointed), St. Johns, Mich.

11338a—*Points (Dental Polishing)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11339— Points (Drill)

Chicago Expansion Bolt Co. ("Chicago"), 324 W Washington, Chicago, Ill.
Goodell-Pratt Co. (Plain or Fluted Shank), Greenfield, Mass.
Millers Falls Co. (For Hand Drills), Millers Falls, Mass.
Union Twist Drill Co. (Guiding Drill Points), Athol, Mass.

11340— Points (Drive Well)

Flint & Walling Mfg. Co., Kendallville, Ind.
Gowanda Agricultural Works, Gowanda, N. Y.
McEvoy J. H. & Co., Houston, Tex.
Mark Mfg. Co., Evanston, Ill.
Stancliff Well Screen & Mfg. Co., Houston, Texas

11341— Points (Glazier's)

Atlas Tack Co., Fairhaven, Mass.
Austin & Eddy ("Peerless"), 117 Broad, Boston, Mass.
Dreer Henry A. ("Dreer's Peerless"), 714 Chestnut, Phila., Pa.
Holland Mfg. Co. (Zinc), Central av & Bank, Baltimore, Md.
Hubbard & McClary, Windsor, Vt.
Maze W. H. Co. ("Zinc City"), Peru, Ill.
National Sheet Metal Co. (Zinc & Galvanized), Peru, Ill.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons, South Hanover, Mass.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book

11342— Points (Grain Drill)

Cambria Steel Co., Widener bldg, Phila., Pa.
Crescent Forge & Shovel Co., Havana, Ill.
Empire Plow Co., 3140 65th, Cleveland, O.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Noll Bros., 849 Allis, Milwaukee, Wis.

11343-4— Points (Harrow)

American Knife Co. (Reversible & Detachable), Baldwinsville, N. Y.
Henry & Allen (Harrow Teeth Reversible), Auburn, N. Y.

11345-6—Points (Linoleum)

Maze W. H. Co. ("Zinc City" Steel), Peru, Ill.

11347-8—Points (Picture Frame)

Maze W. H. Co. (Steel), Peru, Ill.
Parker Wire Goods Co., Worcester, Mass.
Shelton Tack Co., Shelton, Conn.
Thompson & Norris Co., The (Corrugated), 212 Concord, Brooklyn, N. Y.

11349— Points (Plow)

See also Points, Cultivator

McMaster R. C., Adamsville, Pa.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.

11350— Points (Seeder)

Noll Bros., 849 Allis, Milwaukee, Wis.

11350a—*Points (Sparking Nickel)

WILLIAMS & CO., INC. 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

Points (Stone Cutters')

See Chisels, Stone Cutters'

11351— Points (Switch)

Bethlehem Steel Co. ("Manard"), S Bethlehem, Pa.
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Economy Separable Switch Point Co. ("Economy" Separable Manganese & Open Hearth Steel), Louisville, Ky.
Frog Switch & Mfg. Co. (Open Hearth), Carlisle, Pa.
Wharton Wm. Jr. & Co., Inc. (Plain & "Tisco" Manganese, Steel Tipped), Easton, Pa.

11352— Points (Trammel)

Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Points (Well)

See Points, Drive Well

11353— Poker Chips

American Hard Rubber Co. (Rubber), 9 Mercer, New York
Celluloid Co. (Celluloid), 36 Washington pl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
Goodrich B. F. Co. (Soft Rubber), Akron, Ohio
Ivoryboid Co. Inc. ("Ivoryboid," "Ace Brand"), 200 5th av, New York
Kyoto Mfg. & Trading Co., 31 E 17th, New York
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

11354— Pokers (Stove)

Adams Co. (& Furnace), Dubuque, Ia.
Arcade Mfg. Co. ("Siberian" & "Serpentine"), Freeport, Ill.
Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Cassady Fairbank Mfg. Co. ("Star," Perforated Handle; also Wire & Wood Handles), 6126 S La Salle, Chicago, Ill.
Central Stamping Co., 174 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Fanner Mfg. Co. ("Arctic," Wire & Loop Handle), Cleveland, O.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Pfeifer John & Co. (Ltd.), 222 Race, Phila., Pa.
Stover Mfg. & Engine Co. ("Ideal" Wire Handle; also Furnace Pokers), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wehrle Co., Newark, O.
Wickwire, Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.

11355— Pokes (Animal)

Ely Theo. J. Mfg. Co. (Horse), Girard, Pa.

Hughes & Smythe ("Galena," "Never-Fail," "Victor"), Galena, O.
Lansing Co. ("Herbert" Horse), Lansing, Mich.
Osmundson Spade Mfg. Co. ("Norwegian" Steel), Perry, Ia.
Weathers Poke Co., Windsor, Mo.
Wire Goods Co., Worcester, Mass.

11356-7— Pole-Crabs

Cowles C. & Co., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
Rounds D. & Son, Penn R. R. & Henry, Cleveland, O.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

Poles (Arc Lamp)

See Poles, Iron & Steel

11358—Poles (Awning, Tent, Etc.)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Empire Ladder & Pole Co., 154 1st, Newark, N. J. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Ransome Concrete Machinery Co., Dunellen, N. J.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stevenson Mfg. Co. (Wood), South Bend, Ind.

11359— Poles (Barbers')

Barker Jas., 6th & Cayuga, Phila., Pa.
Chisholm Co., 178 Center, New York
Koken Barbers' Supply Co., Sidney & Texas, St. Louis, Mo.
Schunk & Ogg, 235 Canal, New York

Poles (Carriage & Wagon)

See Shafts & Poles, Carriage & Wagon

11360—Poles (Cement & Concrete)

American Steel & Wire Co. (Triangle Mesh), 208 S La Salle, Chicago, Ill.
Chicago Concrete Post Co., 608 S Dearborn, Chicago, Ill.
Edgcumbe-Parks Co., Benton Harbor, Mich.
Great Lakes Dredge & Dock Co. (Concrete Poles), 104 S Michigan av, Chicago, Ill.
Massey Concrete Products Co. (Telegraph), H People's Gas bldg, Chicago, Ill.
Pettijohn Co., Terre Haute, Ind.
Valentine J. E., Abilene, Kans.

11360a— *Poles (Clothes)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Poles (Creosoted)

See Creosoting Works

11361— Poles (Cross Span)

Archbold-Brady Co. (For Electric Railways), Syracuse, N. Y.
Electric Railway Equipment Co., Cincinnati, Ohio

11362— Poles (Curtain)

Berbecker & Rowland Mfg. Co. (Brass, also Trimmings), Waterville, Conn.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Gravely B. F. & R. P. (Wood), Martinsville, Va.
Guth Mfg. Co., 116 E 24th, New York
Judd H. L. Co. (Wood), 87 Chambers, New York
Kolar Bros. (Wood), 9 Baxter, New York
Kroder Jno. & Henry, Reubel Co. (Brass & Wood Poles & Trimmings), 107 E 17th, New York
Roos Mfg. Co. (Wood), 967 W 20th, Chicago, Ill.
Stevenson Mfg. Co. (Drapery), South Bend, Ind. *See adv index at end of book*
Stewart G. S. Co. (Wood), Norwalk, O.
Webb Mfg. Co. (Wood), Brookville, Pa.

11363— Poles (Engine Push)

Ransome Concrete Machinery Co., Dunellen, N. J.

11364— Poles (Fishing)

See also Rods, Fishing

American Mercantile Co. (Bamboo & Cane), Tacoma, Wash.
Benneche Edw. & Bro. (Bamboo & Cane), 43 Gt. Jones, New York
Maus Geo. H. (Japan Bamboo), Amsterdam, N. Y.
Pollak Steel Co. (Oil Well), Cincinnati, O.
Whitney Jas. E. (Bamboo & Cane), 88 Broad, Boston, Mass.

11365—Poles (Flag, Iron & Steel)

CHICAGO STEEL POST CO. (Transmission), 209 N Michigan av, Chicago, Ill.
Cincinnati Flag Pole Co. (Tilting Steel), Bond Hill, Cincinnati, O.
Columbiana Boiler Co., Columbiana, O.
Electric Railway Equipment Co., Cincinnati, Ohio
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Greenlie-Halliday Co., 499 Water, New York
Jones Thomas W. (Also Fittings), 153 Maiden la, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Milliken Bros., Staten Island, N. Y.
Morris Elmer P. Iron Works, 136 Liberty, New York
National Tube Co., Frick bldg, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Royal Steel Products Co. (Tubular Steel & Revolving Halyard Top), 1440 B'way, New York
St. Louis Car Wheel Co., St. Louis, Mo.
SIMMONS JOHN CO., 110 Centre, New York *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stover Mfg. & Engine Co. ("Ideal" Galvanized Steel Towers), Freeport, Ill.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Walworth Mfg. Co. ("Walworth" Revolving Top, Steel), 793 1st, Boston, Mass.
Wisconsin Bridge & Iron Co., N. Milwaukee, Wis.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

11366— Poles (Flag, Wood)

Boston Oregon Mast Co., 131 Coleridge, E Boston, Mass.
Brinser E. C. Sons, Richmond, Va.
Chesebro, Whitman Co., 1167 1st av, New York
Corbett & Co., 429 E 109th, New York
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Kolar Bros., 9 Baxter, New York
National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
Portland Extension Ladder Co. (and Steel), 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Sanders Bros. Mfg. Co., Ottawa, Ill.
Serfas Lumber Co., Drake bldg, Easton, Cal.
Stevenson Mfg. Co. (Also Iron & Steel), South Bend, Ind. *See adv index at end of book*
Union Spar Co., Gloucester, Mass.
Wilcox Crittenden & Co. Inc. (Lighted for Launches), Middletown, Conn. *See adv index at end of book*

11367— Poles (Iron & Steel)

For Street Railways & Electric Lights; see also Posts, Arc Lamp; for Wooden Poles, see Ties, Poles & Posts
American Bridge Co., 30 Church, New York
Bates Expanded Steel Truss Co., 208 S La Salle, Chicago, Ill.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Brady Electric Mfg. Co. (Ornamental Arc Lamp with Gooseneck), New Britain, Conn.
Carbo Steel Products Co. (Steel Angle), 2600 W 111th Morgan Park Station, Chicago, Ill.
Chicago Steel Post Co. (Transmission), 208 209 N Michigan av, Chicago, Ill.
Coombs R. D. & Co. (Steel Only), 30 Church, New York
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electric Railway Equipment Co. (Wire Locked" Swedged Joint Tubular), 2900 Cormany av, Cincinntai, Ohio
Lundin Electric & Machine Co. (Ornamental Goose Neck), 10 Thatcher, Milwaukee, Wis.
Milwaukee Steel Post Co. (Removable Steel Flag Staffs), 510 Iron blk, Boston, Mass.
Mott J. L. Iron Works (Ornamental), Trenton
Morris Elmer P Iron Works, 136 Liberty, New York.
National Tube Co., Frick bldg, Pittsburg, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Serfas Lumber Co. (Wood Only), Drake bldg, Easton, Pa. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York
Vulcan Mfg. Co., 1200 4th av, S Seattle, Wash.

Poles (Lamp)

See Posts, Lamp, Arc & Tungsten

11368— Poles (Pike)

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus Handle & Tool Co. ("Never Break"), Columbus, Ind.
Davenport Ladder Co. (Fire, etc.), Davenport, Ia.
Dicke Tool Co., Downers Grove, Ill.
Ellingwood Turning Co., West Paris, Me.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Klein Mathias & Sons (Guarded or Plain), 562 W Van Buren, Chicago, Ill.
Ransome Concrete Machinery Co., Dunellen, N. J.
Warren Axe & Tool Co., Warren, Pa.

11369— Poles (Rug)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*

11370—Poles (Steel Tubular, Flag, Etc.)

Igoe Brothers (Clothes), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
McCurdy Bernard, 9th & Arch, Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York

11370a— *Poles (Torch)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11371— Poles (Tree Pruner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

11372— Poles (Trolley Car)

Columbia Machine Works & Malleable Iron Co. (Made of Steel Tubing), Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Railway Equipment Co., Cincinnati, Ohio
Flood City Mfg. Co., Johnstown, Pa.
Morris E. K. & Co., 317 W 2d, Cincin-Chicago, Ill.
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
Nuttall R. D. Co., McCandliss av & Harrison, Pittsburgh, Pa. *See adv index at end of book*
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

11373—Poles (Trolley, Reinforced)

(Old Worn Out Trolley Poles Reinforced)

Electric Railway Equipment Co. (Steel, Tubular), 2900 Cormany av, Cincinnati, Ohio
Pittsburgh Reinforcing Pole Co., 435 6th av, Pittsburgh, Pa.

11374—Poles (Trolley Street)

See also Poles, Iron & Steel

American Bridge Co. ("Shiffer"), 30 Church, New York
Bates Expanded Steel Truss Co. (Electric), 208 S La Salle, Chicago, Ill.
Carbo Steel Products Co., 2600 W 111th, Morgan Park Station, Chicago, Ill.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electric Railway Equipment Co. ("Elreco" Lighting Iron Steel), 2900H Cormany av, Cincinnati, Ohio
Electrical Material Co. (Seamless Steel Tubing), 618 W Jackson blvd, Chicago, Ill.
Hartwell Handle Co. (Wood), Harvey, Ill.
Holden & White, Fisher bldg., Chicago, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
National Tube Co. ("Shelby"), Seamless Steel), Frick bldg., Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Serfas Lumber Co., Drake bldg, Easton, Cal.
Valley Forging Co. ("Pittsburgh Standard" Trolley Poles, Butt Welded & "Verona" Seamless Poles), Verona, Pa.

11375— Poles (Vaulting)

Spalding A. G. & Bros., 126 Nassau, New York
Wilson Thos. E. & Son, 727 N Sangamon, Chicago, Ill.

Poles (Wagon)

See Shafts & Poles, Carriage & Wagon

11375a—*Poles (Western & Northern Cedar)

LINDSLEY BROS. CO. THE (Western Red Cedar Only), 611 Peyton bldg, Spokane, Wash.
Serfas Lumber Co., Drake bldg, Easton, Cal.

11376—Poles (Window Pull-Down)

Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Houchin Thomas W. Co. (Oak), 36 E 12th, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

Poles & Posts (Wood)

See Ties, Poles & Posts

11376a— Polish

Baum Bros. Co. (Brass), Denver, Colo.
California Exterminating Co., Inc. (Autobody, Floor, Furniture, Metal, etc), 121 Manhattan, New York
Camden Chem. Mfg. Co. ("Greyhound" Automobile Body), 1800 Muckle, Camden, N. J.
Damon Specialty Co. (Automobile), 516 E 9th, Los Angeles, Cal.
Flash Chemical Co. ("Flash," Silver), 160 2d, Cambridge, Mass.
Rosealene Products Co. (Automobile "Rosealene"), 667 Howard, San Francisco, Cal. *See adv index at end of book*
SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York
Victrolene Company ("Victrolene," Automobile), 39 Pearl, Boston, Mass.
Wondermist Co. (Automobile), 261 Franklin, Boston, Mass.
Worth-More Polish Co., Inc., 1306-08 N Wells, Chicago, Ill.

11376b—Polish (Automobile)

Certain-teed Products Co. ("Certain-teed"), Boatmans Bank bldg, St. Louis, Mo.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Kellermann I., 674 9th av, New York
Rosealene Products Co. ("Rosealene"), 667 Howard, San Francisco, Cal.

11377— Polish (Cutlery)

Black Cat Polish Co. ("Prest-O"), 34 Washington, Buffalo, N. Y.
Dilg Mfg. & Trading Co. ("Dilg," "Defiance" & "Acme" Plate & Steel Polish), 27 E 125th, New York
Hollingshead R. M. Co. ("Whiz," "Electro-Shine" Silver Paste & Powder), Camden, N. J.
Newton Mfg. Co., Plainville, Conn. *See adv index at end of book*
Tanite Co. ("Tanite" Mills), Stroudsburg, Pa

11378— Polish (Floor)

See also Floor Polish (Hard Wax)

American Chemical & Mining Co. ("Furnoil"), Atlanta, Ga.
Butcher Polish Co. ("Butchers Boston Polish for Hardwood), 356 Atlantic av, Boston, Mass.
California Exterminating Co., Inc., 121 Manhattan, New York
Channel Chemical Co. ("O-Cedar"), 4501 Western blvd, Chicago, Ill.
Elite Polish Co., New Kensington, Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
O-So Ezy Products Co., 58 E Washington, Chicago, Ill.
Rosealene Products Co. (Disinfectant "Rosealene"), 667 Howard, San Francisco, Cal. *See adv index at end of book.*
Wondermist Co., 261 Franklin, Boston, Mass.
Worth-More Polish Co., Inc., 1306-08 N Wells, Chicago, Ill.

11379— Polish (Furniture)

A B Polish Co. ("A B"), 1515 Haddon av, Chicago, Ill.
Adams & Elting Co. ("Hy-Pol"), 726 Wash'n blvd, Chicago, Ill.
Alder Chemical Co., Mount Vernon, N. Y.
American Chemical & Mining Co. ("Big Chief"), Atlanta, Ga.
American Metal Polish Co. ("Meyers," "Universal," Paste, Putz, etc), West Sommerville, Mass.
Aquart Mfg. Co., Chemical bldg, St. Louis, Mo.
Armiger Chemical Co., 2155 Austin av, Chicago, Ill.
Baum Bros. Co. ("New Finish"), Denver, Colo.
Black Cat Polish Co. ("Japola"), 34 Washington, Buffalo, N. Y.
Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.
Buffalo Specialty Co. ("Liquid Veneer"), 375 Ellicott, Buffalo, N. Y.
California Exterminating Co., Inc., 12 Manhattan, New York
Cedarine Co., Clinton, N. Y.
Certain-teed Products Co. ("Certain-teed"), Boatmans Bank bldg, St. Louis, Mo.
Channell Chemical Co. ("O-Cedar" & "Cedarine"), 4501 Western blvd, Chicago, Ill.
Chief Kokomoko Specialty Co., Kokomo Ind.
Cleaner Mfg. Co. ("Polishine"), 2842 Olive, St. Louis, Mo.
Cleanola Co. ("Cleanola," for All Varnish Surfaces), Fulton bldg, Pittsburgh, Pa.
Conners Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Continental Mfg. Co. ("New Lustro"), Indianapolis, Ind.
Eclat Mfg. Co., 3425 State, Chicago, Ill.
Elite Polish Co., New Kensington, Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Gold Medal Polish Co. ("Gold Medal"), Racine, Wis.
Great Western Oil Co. (Wax), 2846 E 37th, Cleveland, Ohio
Green Oil Soap Co., 166 N Curtis, Chicago, Ill.
Hayden C. W. Co., Toledo, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Imperial Polish Co., 54 N 2d, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
Keep Bros. ("Nonequal"), 225 Sansom, Phila., Pa.
Kellermann I., 674 9th av, New York
Lawrence W. N. & Co., W Carson, Pittsburgh, Pa.
Lustre Mfg. Co., 16 W Kinzie, Chicago, Ill.
Lyknu Polish Mfg. Co. ("Lyknu"), 916 Forbes, Pittsburgh, Pa.
Marshall Oil Co. of Iowa ("Marshall"), Marshalltown, Ia.
Martin-Senour Co., 2520 Quarry, Chicago, Ill.
Martin & Martin ("E-Z"), 3005 Carroll av, Chicago, Ill.
Montauk Paint Mfg. Co. ("Montauk"), 2d av, cor. 13th, Brooklyn, N. Y.
Morris R. W. Mfg. Co. ("Golden Star"), 815 E 21st, Kansas City, Mo.
Moser Chas. Co., Cincinnati, O.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
Northwestern Chemical Co. (Automobile) ("Norwesco"), Marietta, Ohio
Northwestern Mfg. Co., Indianapolis, Ind.
No Xal Polish Mfg. Co. ("No Xal"), 1238 Belmont av, Phila., Pa.
Nubian Paint & Varnish Co. ("Re-Vi-Var"), 1856 Leclaire av, Chicago, Ill.
O'Kleen-O Products Co., 712 Madison av, Baltimore, Md.
O-So Ezy Products Co., 58 E Washington, Chicago, Ill.
Patton Paint Co. ("Sunbright"), Milwaukee, Wis.
Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
Polish Products Co., Kansas City, Mo.
Pratt B. G. Co. ("Hydro wax" for Cleaning & Polishing), 50 Church, New York
Puritan Soap Co. ("Varnisheen," "Puritan"), 496 Exchange, Rochester, N. Y.
Rath Mfg. Co. ("Ye-Olde-Homestead"), Hedley E. of Richmond, Phila., Pa.
Reid W. W. Mfg. Co. ("Waxol"), 17 Caldwell, Boston, Mass.
Rochester Chemical Co. ("Shinon"), Rochester, N. Y.
Rosealene Products Co., 667 Howard, San Francisco, Cal.
Samoline Corp., Inc. ("Pullman"), 2134 N Clark, Chicago, Ill.
Sani-Mist Co., New London, Conn.
Sherwin-Williams Co., Cleveland, O.
Sonneborn L. Sons ("Amalie" Oil for Piano Furniture, Carriage Body, etc), 262 Pearl, New York
Standard Chemical Co. ("Cedro" Oil), Houston, Texas
Standard Oil Co. of N. Y. ("Matchless Liquid Gloss"), 555 W 25th, New York
Standard Oil Soap Co., 40 N Division, Buffalo, N. Y.
Staples H. F. & Co. ("Staples Bee-Hive"), Medford, Mass.
Star Lubricating Oil Co. ("Starco Mist"), 8714 B'way, S. E, Cleveland, O.
Talley Co. ("Taico"), New Richmond, O.
Three-In-One Oil Co. ("Three-in-One"), 165 B'way, New York
Thumb E. W. ("Sunshine"), 872 Orleans, Chicago, Ill.
Ulrich E. W. ("A-O-K"), 363 E North, Buffalo, N. Y.
Van Tilburg Oil Co. ("Waxit"), 2428 University av, Minneapolis, Minn.
Victrolene Company ("Victrolene"), 39 Pearl, Boston, Mass.
Wadsworth - Howland Co. ("Jewell," "Liquid"), 225 N Carpenter, Chicago, Ill.
Wondermist Co., 261 Franklin, Boston, Mass.
World Polish Mfg. Co. ("Japanese"), York, Pa.
Worth-More Polish Co., Inc., 1306 N Wells, Chicago, Ill.

11380— Polish (Glass)

Cleaner Mfg. Co. ("Polishine"), 2482 Olive, St. Louis, Mo.
Forbes Benj. P. Co. ("Glasbrite"), 404 Superior av, Cleveland, O.
Green Oil Soap Co. (Velo Cut Glass), 166 N Curtis, Chicago, Ill.
Hollinshead R. M. Co. ("Whiz"), Camden, N. J.

11380a—Polish (Prepared Wax)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del. *See adv index at end of book*

Polish (Harness)

See Dressing, Carriage Top, Harness, etc.

11381— Polish (Soap)

Cudahy Packing Co. ("Gibson's"), 111 W Monroe, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Flash Chem. Co., 160 2nd, Cambridge, Mass.
Monaham Antiseptic Co. (Silk Olive Oil), 166 N Curtis, Chicago, Ill.
Waverly Oil Works Co., 54th & A. V. R. R., Pittsburgh, Pa. *See adv index at end of book*

Polish (Stove)

See Stove Polish

11382—Polishers (Electric)

GEM MFG. CO. ("Gem," Flexible Shaft for Garages), Goebel, nr. Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book*
Wisconsin Electric Co.. ("Dumore"), 1600 Junction av, Racine, Wis.
Wisconsin Fdry. & Mach. Co. (Floor & Stone), Madison, Wis.

11383— Polishers (Nail)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Celluloid Co., 36 Washington pl, New York
Du Pont E. I. de Nemours & Co. Inc., Pyrolin Div. ("Pyrolin"), Wilmington, Del. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11384— Ponolith

Krebs Pigment & Chemical Co. ("Ponolith" Lithophone), Newport, Del.

11384a— Pontoons

Matthews Bros. Mfg. Co. (Aeroplane), 61 4th, Milwaukee, Wis.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Palmer-Simpson Co., Saranac Lake, N. Y.
Welen Marine Equipment Co., 305 Vernon av, Long Island City, N. Y.

11385— Poppers (Corn)

Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Brook Novelty Co., Brook, Ind.
Copeland G. T., Glovesville, N. Y.
Cretors C. & Co., 620 W 22d, Chicago, Ill.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Delphos Mfg. Co. ("Delphos" Sheet Iron), 1st & Pierce, Delphos, O.
Dorr Chas. M. Co. ("Hoosic"), Hoosick Falls, N. Y.
Elec. Machine Co., New Albany, Ind.
Gabel Mfg. Co. Hawkeye, Ia.
Gier Pressed Steel Co. ("Lansing," "Crown Top"), Lansing, Mich.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
Kingery Mfg. Co. ("Kingery's), 420 E Pearl, Cincinnati, O.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Parker Wire Goods Co. (Reversible), Worcester, Mass.
Ressler G. S. & Son ("Star"), Lansing, Mich.
Reynolds Wire Co., Dixon, Ill.
Shotwell Mfg. Co., 1021 W Adams, Chicago, Ill.
Stutsman R O. Co. (Automatic), Des Moines, Iowa
Success Mfg. Co., Gloucester, Mass.
Utility Mfg. Co. ("Utility"), Sturgis, Mich.
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.
Woods-Sherwood Co. ("Sherwood," with Sliding Cover), Worcester, Mass.

11386— Porcelain Enameling

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Buffalo Porcelain Enameling Corp., 1927 Elmwood av, Buffalo, N. Y.
Chicago Hardware Foundry Co. (Grey Iron), North Chicago, Ill.
Cleveland Metal Products Co., Platt & C. & P. R. R. R., Cleveland, O.
Ferro Enameling Co., Sweetland bldg, Cleveland, Ohio
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
INGRAM-RICHARDSON MFG. CO., Beaver Falls, Pa. *See adv index at end of book*
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

11387—Porcelain Specialties (Electrical, Mechanical, Etc.)

Adamant Porcelain Co. (Hold Knob), East Liverpool, O.
Adapti Mfg. Co. ("Adapti-Bushings"), 919 West, Cleveland, Ohio

Akron Smoking Pipe Co., Mogadore, O.
Am. Porcelain Co. (Standard & Special Shape), East Liverpool, O.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Brunt Tile & Porcelain Co., Columbus, O.
Bryant E. R., 81 High (Knobs & Cleats), Boston, Mass.
Burgess & Co. ("Porcelava"), East Liverpool, O
Capital Porcelain Mfg. Co. (Standard & Special Shapes), Trenton, N. J.
Colonial Sign & Insulator Co., Akron, O.
Cook Pottery Co., Trenton, N. J.
Davidson & Stevenson Porcelain Co. (Standard & Special Shapes), East Liverpool, O.
Electric Porcelain & Mfg. Co., Trenton, N. J.
Empire China Works, 156 Greene, Brooklyn, N. Y.
Engelhard Chas. Inc. (Impervite Hard Tubes), 30H Church, New York
Findlay Electric Porcelain Co., Findlay, O.
Fletcher Mfg. Co. (Insulated Racks & Wire Holders), Dayton, O.
Freeman E. H. Electric Co., Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Porcelain Co. (Standard & Special Shape), Parkersburg, W. Va.
Globe Porcelain Co., Trenton, N. J.
Harter Mfg. Co. (Bushings), 524 Clinton, Chicago, Ill.
Hartford Faience Co. (Electrical), Hartford, Conn.
Illinois Electric Porcelain Co., Macomb, Ill.
Imperial Porcelain Works, Trenton, N. J.
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry., Detroit, Mich.
Locke Insulator Mfg. Co. (Electric), Victor, N. Y.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Michigan Porcelain Insulator Co. (Knobs & Cleats), Hastings, Mich.
Multi Electrical Mfg. Co. ("Multi" Bushings), 703 Fulton, Chicago, Ill.
National Electric Porcelain Co., Carey, O.
National Porcelain Co., Trenton, N. J.
National Tile Supply Co. (C. B. Knobs), 5100 Superior, Cleveland, Ohio
New Brunswick Porcelain Co., New Brunswick, N. J.
Ohio Pottery Co. ("Ohio" Pottery), Zanesville, O.
Paragon Elec. Co. ("Paragon" Self Tying Knobs), 37 W Van Buren, Chicago, Ill.
Pass & Seymour (Electrical Only), Solvay, N. Y.
Peru Electric Co. (Electrical Only), Peru, Ind.
Pittsburgh High Voltage Insulator Co. (Porcelain Insulators, Wall Bushings, Tubing, etc.), Derry, Pa.
Snyder-Hunt Co. (Insulators), Belle Plaine, Ia.
Star Metal Box Co., 509 W 19th, New York
Star Porcelain Co., Trenton, N. J.
Thomas R. & Sons Co., East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Electrical Porcelain Works, Trenton, N. J.
Union Porcelain W'ks, 300 Eckf'd, B'klyn, N. Y.
Universal Specialty Co. (Insulator), Terre Haute, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wheeling Tile Co., Wheeling, W Va.
White Co. T. C. (Strain Insulators), 1122 Pine, St. Louis, Mo.
Woolley Douglas W. (Porcelain Switches), 1170 B'way, New York
See adv index at end of book

11388— Port Lights (Ship)

Delaware Marine Mfg. Co., Wilmington, Del.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Horne Mfg. Co., 4 College pl, Brooklyn, N. Y.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware Co., Peabody, Mass.
Marine Mfg. & Supply Co., 158 South, New York
Sands A. B. & Son Co., 22 Vesey, New York
Torrey Roller Bushing Works, Bath, Me.
Watson Mfg. Co. (Screen Only), Jamestown, N. Y.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

11388a—*Portable Gravel Loaders & Screening Outfits

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. ***See adv index at end of book***
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

11389— Portable Houses

Aladdin Co. (Readi-Cut), Bay City, Mich.
American Portable House Co. (Wood of All Kinds), Seattle, Wash.
Anchor Corrugating Construction Co., 140 Washington, New York
Ashley Steel Buildings Co., Inc., 1790 B'way, New York
Baltimore Cooperage Co. (Fireproof), Ostend & Leadenhall, Baltimore, Md.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Bungalow Craftsman Co., Empire bldg, Seattle, Wash.
Carbo Steel Products Co., 2600H W 11th, Chicago, Ill.
Case Mfg. Co. (All Steel), 117 Liberty, Jackson, Mich.
Chesebro Whitman Co., 1167 1st av, New York
Columbian Steel Tank Co. New England (Fireproof), Kansas City, Mo.
Ducker Sectional Bldg. Corp. (Iron & Wood), 299 B'way, N. Y.
EDWARDS MFG. CO. (Wood), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Fort Pitt Steel & Iron Wks. ("Stefco" Steel), 802H Fulton bldg, Pittsburgh, Pa.
Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
Harry Bros. Co. ("Harry's," Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co. (Auto Garages), 2333-35 Papin, St. Louis, Mo.
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Hodgson Ernest F. Co., 116 Washington, Boston, Mass.
Howell, Field & Goddard (Metal), Review av, Long Island City, N. Y.
International Mill & Timber Co. (Ready Cut), Bay City, Mich.
Karr Portable House Co., 2554 W Irving pk blvd, Chicago, Ill.
Levaur System Construction Co., Inc. (Metal), 50 Broad, New York
Lewis Mfg. Co. (Machine Cut), Bay City, Mich.
Liberty Steel Products Co., 233 B'way, New York
Mershon & Morley Co. (Cottages, Houses, Cabins, Ranches, Depots, Baths, Hospitals, etc, Portable for All Uses; also Portable Double Folding Beds, etc), Saginaw, Mich.
Miller Mfg. Co., 8000H Alabama av, St. Louis, Mo.
Millmade Construction Co., 548 Water, Portland, Ore.
Minter Homes Corp. (Fabricated), Huntington, W. Va.
National Builders Inc. (Knockdown), Saginaw, Mich.
National Home Building Co. (K. D.), Portland, Ore.
NATIONAL MILL & LUMBER CO., 318 Market, San Francisco, Cal.
Pacific Portable Construction Co. (Cottages), Boyle av, Los Angeles, Cal.
Penn Metal Co. ("Penco" Metal), 65 Franklin, Boston, Mass.
Portable Construction Co. (Of All Kinds for All Purposes), 50 Church, New York
Pruden C. D. Co. ("Prudential" Steel), Dock & Warner, Baltimore, Md.
Ready Built Home Co., Mystic, Conn.
Southern Foundry Co. (Steel), Owensboro, Ky.
Steel Fabricating Co., Chicago Heights, Ill.
Togan Stiles ("Togan Bldgs."), Grand Rapids, Mich.
Told Easy House Mfg. Co., McClure, Pa.

11390—Portable Houses (Metal)

Dixie House Co., North Charleston, S. C.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinati, O.
See adv index at end of book
Liberty Steel Products Co., 233 B'way, New York
VAILE & YOUNG, Ridgely & Bush, Baltimore, Md.

11391— Portables (Electric)

See also Lights, Desk, also Lamps, Incandescent Portable, Electric

Adjustable Fixture Co. (Dresser Light), 305 Mfrs. Home, Milwaukee, Wis.
Almar Mfg. Co., 47 W 34th, New York
Almond T. R. Mfg. Co., Ashburnham, Mass.
Amboy Works, Perth Amboy, N. J.
American Brass & Coppper Co., 133 Lafayette, New York
Amron Mfg. Co., 506 S Wells, Chicago, Ill.
Art Lamp Mfg. Co., 521 S Wabash, Chicago, Ill.
Art Metal Works, 7 Mulberry, Newark, N. J.
Art Shade Co., 224 N Des Plaines, Chicago, Ill.
Art Wares Mfg., Indianapolis, Ind.
Bayley & Sons, 105 Vandeveer, Brooklyn, N. Y.
Beardslee Chandelier Mfg. Co., 237-39 S Jefferson, Chicago, Ill.
Beers Soles Co., Bridgeport, Conn.
Bergen Co., J. D., Meriden, Conn.
Berger Mfg. Co. (Wood), 516 W 25th, New York
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Brown W. B. Co. (Wood), Bluffton, Ind.
Caldwell Elec. Corp., Champaign, Ill.
Cassidy & Co., Inc., 101 Park av, New York
Central Cut Glass Co., 1114 E 63rd, Chicago, Ill.
Central Tel. & Elec. Co., 310 N 11th, St. Louis, Mo.
Chicago Lamp & Fixture Co. 309 S Clinton, Chicago, Ill.
Chicago Reed Ware Co., 1523 Carrol av, Chicago, Ill.
Coffin Valve Co. ("Neponset," Portable Flood), Neponset, Boston, Mass.
Conneaut Metal Works, Conneaut, O.
Crescent Brass Mfg. Co., 8410 Lake av, Cleveland, O.
Crucet Mfg. Co., 256 W 28th, New York
Daggett & Curry, Waltham, Mass.
Dale Lighting Fixture Co., 107 W 13th, New York
Eclipse Elec. Mfg. Co., St. Paul, Minn.
Edwards Ltg. Fixture o., 20 E Lake, Chicago, Ill.
Empire Lamp Mfg. Co., 1214 W Madison, Chicago, Ill.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Franks Mfg. Co., Rock Island, Ill.
Friedlaender Inc. Oscar O. (Imp. Alabaster), 40 Murray, New York
Friedman Joseph, 114 5th av, New York
Frink I. P., 24th & 10th av, New York
Goshen Novelty & Lamp Co., Goshen, Ind.
Gracie Chas. R., 309 W 41st, New York
Gudeman & Co., 19 W 36th, New York
Handel Co., Meriden, Conn.
Handy Light Co., 215 Butler, Cincinnati, O.
Herbert M. Co., 8 W. 22d, New York
Hersey & Co., A. H., Newark, O.
Heywood Bros & Wakefield Co., 516 W 34th, New York
Hinsdill Elec. Co., 550 Fulton, Troy, N. Y.
Ideal Lamps Mfg. Co., Faribault, Minn.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
International Shade Co., Springfield, Mass.
Jefferson Co., Tollansbee, W. Va.
Jones Thomas C., 114 E 59th, New York
Keith Mfg. Co., Clinton, New York
Khouri Amin N., 6 E 18th, New York
Kittinger Furniture Co. (Wood Standards), 1893 Elmwood av, Buffalo, N. Y.
Kosmalite Mfg. Co., 5 E 16th, New York
Kraushaar Brass Mfg. Co. (Adjustable; also Newels or Portables), 919 Pine, St. Louis, Mo.
Lamb Bros. & Greene (Metal & Wood), Nappanee, Ind.
Lauzon Furniture Co., Grand Rapids, Mich.
Lehman Bros., 197 Grand, New York
Lightening Studios Co., 220 W 42d, New York
Luminous Specialty Co., Indianapolis, Ind.
McKenny & Waterbury Co., 181 Franklin, Boston, Mass.
McLeod, Ward & Co., 430 11th av, New York
Manhattan Distributing Corp., 608 S Dearborn, Chicago, Ill.
Miller Edw. & Co., Meriden, Conn.
Modern Lamp & Shade Co. (Wood), 1100 S Wabash av, Chicago, Ill.
Mountain Community, 176 Madison av, New York
National Metalizing Co., 236 5th av, New York
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Neuhauser D. L. 326 W Grand av, Chicago, Ill.
New England Brass & Fixture Co., 77 Summer, Boston, Mass.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Noe Wm. R. & Sons, 53 W 21st, New York
Novelty Art Glass Shade Co., 418 Prospect av, Cleveland, O.
Oberbeck Co., 415 Oswego, Chicago, Ill.
Ornate Mfg. Co., 110 W 34th, New York
Pairpoint Corp. (Glass), New Bedford, Mass.
Palacheck Chas. & Bros. Co., 217 3d, Milwaukee, Wis.
Paragon Elec. Co., 37 W Van Buren, Chicago, Ill.
Parker Chas. Co., Meriden, Conn.
Peerless Light Co., 663 W Washington blvd, Chicago, Ill.
Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
Phila. Lighting Specialty Co., Phila., Pa.
Phoenix Glass Co., 230 5th av, New York
Pittsburgh Lamp Brass & Glass Co., Liverpool & River, Pittsburgh, Pa.
Play-O-Lite Co. (Piano), 1750 Main, Buffalo, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Porter Company, 241 Water, New York
Pyramus Mfg. Co., 200 Grand, New York
Quaker City Brass Works, 336 N 3d, Phila., Pa.
Reddan Specialty Co., 25 W B'way, New York
Rockford Peerless Furniture Co. (Wood), Rockford, Ill.
Rose Bro. & Co., Lancaster, Pa.
Rose Co., Chas. M., 118 E 28th, New York
Rose-Strauss Co., 209 W 48th, New York
Rose & Hastie, 754 Lexington av, Brooklyn, N. Y.
Royal Lamp Shade Co. (Wood), 39 E 19th, New York
Schwartz S. Robert & Bro. ("Esrobert"), 729 B'way, New York
Shapiro & Aronson, 20 Warren, New York
Skelley Bracket Co., 1265 W 2d, Cleveland, O.
Straus & Son L., 42 Warren, New York

PORTABLES (ELECTRIC)—continued
Supreme Lamp Co., 136 W 52d, New York
Tulper Pottery Co., Flemington, N. J.
Turchin Co., 536 W 23d, New York
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Universal Elec. Stage Ltg. Co. (Garage), 240 W 50th, New York
Uno-Lite Co. of America, Indianapolis, Ind.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Villmont P. S. & Co. (Wood), 20 W 22d, New York
Waldman John J. (Desk & Bed), 64 Murray, New York
Warner C. B. & J., 138 W 14th, New York
Warshavsky, 187 B'way, Brooklyn, N. Y.
Waud Mfg. Co. (Wood), 1193 B'way, New York
Weidlich Bros. Mfg. Co., Bridgeport, Conn.
Western Elec. Co., 463 West, New York
White O. C. Co. (Adjustable Floor, Desk, etc), Worcester, Mass.
Will & Baumer Co., Syracuse, N. Y.
Williamson R. & Co., Washington & Jefferson, Chicago, Ill.
Wirt Co. ("Dim-A-Lite"), 5221-7 Greene, Phila, Pa.
Wizard Elec. Lamp. Co., (Vacuum Cup Mir-O-Lite folding), San Francisco, Cal.
Young & Russell, 1027 Mifflin, Phila., Pa.
Ypsilanti Reid Furniture Co., Ionia, Mich.

11391a— Porte-Cocheres

Tyler W. S. Co., Cleveland, Ohio.
See adv index at end of book

11391b— *Portfolios

Buhrke R. H. Co., 1250 Fullerton av, Chicago, Ill.
Chicago Case Mfg. Co., 213H N Morgan, Chicago, Ill.

11392—Ports (Open Hearth Furnace)

Blair Engineering Co., 343 S Dearborn, Chicago, Ill.
Blaw-Knox Co. ("Knox"), Freeport rd, Hoboken, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York

11393— Post Caps & Bases

Canton Foundry & Machine Co., Dept. H, Canton, Ohio
Castle A. M. & Co. ("Castle," "Star" "Atlas" Steel or Malleable Post Caps & Grinder Supports), 715 N Morgan, Chicago, Ill.
Cheney S. & Son ("Zimmerman" Patent Iron Base), Manlius, N. Y.
Clark W. J. Co., Salem, O.
Covert H. W. Co. (Porch Columns), 137 E 46th, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Electric Railway Equipment Co., 2900H Cormany av, Cincinnati, Ohio
Gehret Bros., Bridgeport, Pa.
Goetz Box Anchor, New Albany, Ind.
Hastings Foundry & Iron Works, Hastings, Neb.
Heughes F. L. & Co. ("Heughes"), Rochester, N. Y.
Ideal Hanger Co. ("Ideal"), Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mullins Body Corp., Dept. H, Salem, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Ritter Emil W. Co. ("Atlas"), 223 W Austin av, Chicago, Ill.
Smith A. L. Iron Wks. ("A. L. S. I. W. O."), Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son Inc., 841 E 136th, New York
Truscon Steel Co. ("Kahn" System), Youngstown, O.
Van Dorn Iron Works Co. ("Van Dorn" Iron & Steel), 2700 E 79th, Cleveland. O.
Western Builders Supply Co. (Steel Caps), 135 2nd, San Francisco, Cal.
Withers Foundry & Machine Works, Dept. H, Atlanta, Ga.

11394—Post Cards (Advertising)

Kropp E. C. & Co. (and Folders), Milwaukee, Wis.
Pictorial Post Card Co., Rochester, N. Y.
Teich Curt & Co. (Also Local View Cards), 1745 Irving Park blvd, Chicago, Ill.

11395—Post Office Equipments

Albertype Co., 250 Adams, Brooklyn, N. Y.
American Post Office Equipment Co., 343 S Dearborn, Chicago, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Auburn Post Card Mfg. Co., Auburn, Ind.
Bamforth & Co., 96 Warren, New York.
Blanchard Co., Aurora, Ill.
Columbia Postal Supply Co. ("Columbia" Postmarking Machinery & "Jiffy" Postmarking Device), Silver Creek, N. Y.
Detroit Publishing Co., 731 Vermont, Detroit, Mich.
Federal Equipment Co., Carlisle, Pa.
Gibson Art Co., 416 Elm, Cincinnati, Ohio.
Henderson Lithograph Co., Norwood, Ohio.
Illustrated Post Card & Novelty Co., 160 5th av, New York
International Art Publishing Co., 1201 Race, Phila., Pa.
Keyless Lock Co., Indianapolis, Ind.
McLane Mfg. Co., Milford, N. H.
Reinthal & Newman, 106 W 29th, New York
Sadler Co. (Cabinets, etc), Indianapolis, Ind.
Schlesinger Bros., 141 5th av, New York
Shults H. H. Co., Gowanda, N. Y.
Stecher Lithographic Co., Rochester, N. Y.
Tuck Raphael & Sons Co., 347 5th av, New York
Waddell Co. (Routing Tables, Distributing Cases, etc.), Greenfield, O.
Yale & Towne Mfg. Co., "Yale," Stamford, Conn.

11396— *Poster Frames (Brass, Bronze & Wood)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

Posts (Arc Lamp)

See Posts, Lamp, Arc & Tungsten

11397— Posts (Binding)

American Pin Co. ("Ampinco"), Waterbury, Conn.
BARNES, THE WALLACE CO. ("Barnes-Made," Special), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bridgeport Brass Co. (Electric), Dept. H, Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New York
Corbin Screw Corporation, New Britain, Conn.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*


THE LEADER
BINDING POSTS
Designed Right — Stays Tight
H. H. EBY MFG. CO.
1302 WALLACE ST.
PHILADELPHIA, PA.

Fahnestock Electro Co. (Spring), Meadow Long Island City, N. Y.
Foote, Pierson & Co., 160 Duane, New York
Hartford Machine Screw Co., Hartford, Conn.
International Brass & Electric Co. (Brass, etc), 76 Beekman, New York
International Insulating Corp., 25 W 45th, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Knott L. E. Apparatus Co. (High Grade for Scientific Work), 79 Amherst, Cambridge, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Electric Mfg. Co., Menominee, Mich.
MORSE FRANK W. (Brass), 289 Congress, Boston, Mass.
See adv index at end of book
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Porcelain Binding Post Co., Jersey City, N. J.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Royal Telephone Co., Milford, Ind.
Sloan Engineering Co., 246 Hall, Brooklyn, N. Y.
Springfield Machine Co., Springfield, Mass.
States Co., Hartford, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Western Electric Co., 463 West, New York

11398—Posts (Car Bumping)

American Bridge Co., 30 Church, New York
Fox Bros. & Co., 126 Lafayette, New York
Mechanical Mfg. Co. ("Ellis"), Union Stock Yards, Chicago, Ill.
Railway & Traction Supply Co. ("Hercules"), 79 W Monroe, Chicago, Ill.
Scott John M. & Sons ("Hercules"), Racine, Wis.

11399— Posts (Concrete)

Birch S. & Sons Construction Co. (Hitching, etc), Fargo, N. D.
Electric Welding Co. (Fence), Benedum Trees bldg, Pittsburgh, Pa.
Massey Concrete Products Co. (Fence), Dept. H, Peoples Gas bldg, Chicago, Ill.

11400— Posts (Desk)

Berbecker & Rowland Mfg. Co. (Polished Brass), Waterville, Conn.

11400a—Posts (Drilling-Old Man)

Armstrong Bros. Tool Co. ("Armstrong" Old Man for Ratchet Drills, etc), 349 N Francisco av, Chicago, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Keystone Mfg. Co. ("Keystone"), Buffalo, N. Y.
King A. R. Mfg. Co., Kingston, N. Y.
Lovejoy Tool Works ("Lovejoy" Base or Double Jaw), 319 W Ohio, Chicago, Ill.
See adv index at end of book
Lutz Co. Inc., Morris & Bambrey, Phila., Pa.

11400b— Posts (Fence)

See also Posts (Iron and Steel)
AMERICAN CREOSOTING CO. (Creosoted), Bogalusa, La.
See adv index at end of book
Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Columbus Wire Fence Co. ("Capitol"), 827H Reynolds av, Columbus, Ohio
IGOE BROTHERS (Steel), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Janesville Fence & Post Co., 326 S Franklin, Janesville, Wis.
King Mfg. Co. (Entrance), Dept. H, St. Joseph, Mo.
Massey Concrete Products Co., Dept. H, Peoples Gas bldg, Chicago, Ill.
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
Robertson Bros. Mfg. Co., 5405 S Western blvd, Chicago, Ill.
See adv index at end of book

11401— Posts (Hitching)

See Posts, Iron & Steel
Adams Wm. Foundry Co., 960 N 9th, Phila., Pa.
Bloomfield Mfg. Co., Bloomfield, Ind.
Carbo Steel Products Co., 2600 W 111th, Morgan Park Station, Chicago, Ill.
Cheney S. & Son (Cast Iron), Manlius, N. Y.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Cyclone Fence Co. (Iron), Waukegan, Ill.
Decatur Cornice & Roofing Co., Decatur, Ill.
Dempster Mill Mfg. Co. (Cast Iron), Beatrice, Neb.
Donaldson Bros., Mount Clemens, Mich.
Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.
Enterprise Iron Works, Indianapolis, Ind.
Gehret Bros., Bridgeport, Pa.
Gowanda Agricultural Works (Cast Iron), Gowanda, N. Y.
Hayes Pump & Planter Co. (Ornamental Cast Iron), Galva, Ill.
Hays Mfg. Co., Erie, Pa.
Hoosier Fence Co. (Cast Iron Horse Head, etc), Frankton, Ind.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Kokomo Fence Machine Co., Kokomo, Ind.
Lyon Iron Works, Greene, N. Y.
Mansfield Steel Corp., 288 Milwaukee av, E Detroit, Mich.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Steel Post Co., 510 Iron blk Milwaukee, Wis.
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
National Mill & Lbr. Co. (Wood), 318 Market, San Francisco, Cal.
Novelty Iron Works, Sterling, Ill.
Peter F. N. & Bro., Newside, Pa.
Pettler Steel Mat & Mfg. Co. (Wrought Steel), Beaver Falls, Pa.
Ptaff & Kendall (Iron), 655 Ferry, Newark, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sterling Foundry Co. ("Best"), Sterling, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
Ward Love Pump Co., Rockford, Ill.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.
Western Iron & Foundry Co., Wichita, Kans.
Woonsocket Machine & Press Co. (Cast Iron), Woonsocket, R. I.

11402— Posts (Indicator)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Bourbon Copper & Brass Works, Cincinnati, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Flower-Stephen Mfg. Co., 201 Clayton, Detroit, Mich.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
Ludlow Valve Mfg. Co. (For Sprinkling Plants), ft of Adams, Troy, N. Y.
McNab & Harlin Mfg. Co., 55 John, New York
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Posts (Iron Railing)

See Posts, Iron & Steel

11403— Posts (Iron & Steel)

See also Posts (Fence)

AMERICAN STEEL & WIRE CO (Steel Fence), 208 S La Salle, Chicago, Ill.
See adv index at end of book
ANCHOR POST IRON WORKS ("Anchor Post"), 50 Church, New York
See adv index at end of book
Bayley Wm. Co., Springfield, O.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bond Steel Post Co. (Steel Fence), Adrian, Mich.
Buffalo Steel Co. ("Quick-Set," Steel Fence), Tonawanda, N. Y.
Carbo Steel Products Co. (Steel Fence), 2600 W 111th Morgan Park Station, Chicago, Ill.
CHICAGO STEEL POST CO. (Steel Fence Post & Wire Stays), 209 N Michigan Chicago, Ill.
Cincinnati Iron Fence Co. (Fence), 3300 Spring Grove av, Cincinnati, O.
Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio
Cutter, Geo. Co. (Ornamental Iron), South Bend, Ind.
Cyclone Fence Co., Waukegan, Ill.
Donley Brothers Co., The (Clothes), 3625 E 74th, Cleveland, O.
See adv index at end of book
Electric Railway Equipment Co., 2900H Cormany av, Cincinnati, Ohio
Enterprise Iron Works, Indianapolis, Ind.
Ft. Wayne Iron Steel Rolling Mills, W Taylor, Ft. Wayne, Ind.
See adv index at end of book
Harmon Ed. F. (Steel), Rosewood, O.
Heltzel Steel Form & Iron Co., Warren, O.
Hoosier Fence Co. (Cast Iron Fence), Frankton, Ind.
Hunt, Helm, Ferris & Co. (Fence), Harvard, Ill.
INLAND STEEL CO. (Rail Carbon Steel Fence), First Nat'l Bank bldg, Chicago, Ill.
Janesville Barb Wire Co. ("Apex" Steel Fence), Janesville, Wis.
Kitselman Bros. (Metal Fence), Muncie, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Metal Post & Culvert Co. (Metal Fence Posts), Niles, O.
Milwaukee Steel Post Co. (Steel Fence & Removable Steel Clothes Posts), 510 Iron blk, Milwaukee, Wis.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mostberger Iron Co. (Clothes Posts), 873 S Division, Buffalo, N. Y.
National Tube Co. (Fence Tubular Steel), Frick bldg, Pittsburgh, Pa.
Peter F. N. & Bro., Newside, Pa.
Pittsburgh-Des Moines Steel Co. (Lintels), 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co. (Pressed steel, Side, End, Door & Window), 307 5th av, Pittsburgh, Pa.
RED TOP STEEL POST CO., 215 N Michigan av, Chicago, Ill.
Reder Foundry Co. (Cast Iron Fence, etc), 3536 S. Oakley av, Chicago, Ill.
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
Republic Iron & Steel Co., Youngstown, O.
For branch offices see Alphabetical Section
Robertson Bros. Mfg. Co., 5405 S Western blvd, Chicago, Ill.
See adv index at end of book
Rolfe Iron Co. (Tubular & T Iron), 36th & I. C. Tracks, Chicago, Ill.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Selway Steel Post Co. (Galvanized Steel Fence), 220 S State, Chicago, Ill.
Smith F. P. Wire & Iron Works ("Hercules," "Supreme" Fence), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Taylor & Co., 680 Morgan av, Brooklyn, N. Y.
United Iron Works Inc., Kansas City, Mo.
Western Steel Car & Foundry Co. (Pressed Steel Side, End, Door & Window), 122 S. Michigan, Chicago, Ill.
Wright Metal Mfg. Co. (Fence), Anderson, Ind.

11404— Posts (Lamp)

Allen D. E., Yonkers, N. Y.
Aylward Sons & Co., Neenah, Wis.
Brady Elec. Mfg. Co., New Britain, Conn.
Cabaret Paul E. & Co. (Bronze), 126 11th, av, New York
Carbo Corporation, Chicago Heights, Ill.
Casey-Hedges Co. (Electric & Gaslight), Chattanooga, Tenn.
Central Elec. Co., 320 S. 5th av, Chicago, Ill.
Central Foundry Co. (Cast Iron), 90 West, New York
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Concord Foundry & Machine Co., Concord, N. H.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Cutter Geo. & Co. (Ornamental Iron), So. Bend, Ind.
Davies & Thomas Co. (Cast Iron), Catasauqua, Pa.
Davis & Farnum Mfg. Co., Waltham, Mass.
Dearborn Fdry & Co., 345 W 23rd, Chicago, Ill.
Donaldson Iron Co., Emaus, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Eisenberg M. & Son, New York
Electric Railway Equipment Co. (Ornamental Street Electric Lamp Posts), 2900H Cormany av, Cincinnati, Ohio
Fargo Fdry. Co., Fargo, N. Dak.
FISKE J. W. IRON WORKS, 111 Park pl, New York
Flour City Ornamental Iron Co. (Street, Ornamental Iron), 27th st & 27th av, Minneapolis, Minn.
Hastings Foundry & Iron Works, Hastings, Neb.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York
Heughes F. L. & Co., Rochester, N. Y.
Independent Foundry Co., 743 York, Portland, Ore.
Jackson Wm. H. Company, 2 W 47th, New York
King Mfg. Co. (Ornamental Iron), Dept. H, St. Joseph, Mo.
Kramer Bros. Foundry Co., Dayton, O.
Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.
Marty Fdry Co., Meridian, Miss.
Massey Concrete Products Co., H, Peoples Gas bldg., Chicago, Ill.
Mesker Geo. L. & Co. (Cast Iron), Evansville, Ind.
Minneapolis Steel & Machinery Co. (Ornamental), 29th & Minnehaha, Minneapolis, Minn.
Modern Iron Works, Quincy, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mott J. L. Iron Works, Trenton, N. J.
National Tube Co. (Electric), Frick bldg, Pittsburgh, Pa.
Nordeen Foundry Co., Everett, Wash.
Olympic Foundry Co. (Ornamental Cast Iron), Seattle, Wash.
Parsons Co., Newton, Ia.
Paxton & Vierling Iron Works (Ornamental), Omaha, Neb.
Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.
Pevey Foundry Co., Lowell, Mass.
Phila. Electric & Mfg. Co., 1236 N 31st, Phila., Pa.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
St. Paul Fdry Co., St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith G. W. & F. Iron Co., Gerard, Rox., Boston, Mass.
Smyser, Royer Co., York, Pa.
Spuck Iron & Foundry Co. (Cast Iron), 14th & Branch, St. Louis, Mo.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Union Metal Mfg. Co. (Pressed Steel), Canton, O.
United Iron Works Inc., Kansas City, Mo.
Wallace Machine & Foundry Co. (Ornamental), Lafayette, Ind.
Wells Architectural Iron Co., River av & 151st, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

11405—Posts (Lamp, Arc & Tungsten)

Adams-Bagnall Electric Co. ("Jandus Luxolabora"), Platt av, Cleveland, O.
Allen D. E., Yonkers, N. Y.
American Bridge Co., 30 Church, New York
Aylward Sons & Co., Neenah, Wis.
Brady Elec. Mfg. Co., New Britain, Conn.
Carbo Corporation, Chicago Heights, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Cutter Geo. Co. (Ornamental Iron), South Bend, Ind.
Davenport Mach. & Fdry Co., Davenport, Ia.
Dearborn Fdry. & Co., 345 W 23rd, Chicago, Ill.
Electric Railway Equipment Co., Cincinnati, O.
Eysenberg M. & Son, 165 Grand, New York
Fargo Fdry. Co., Fargo, N. Dak.
Flour City Ornamental Iron Co., 27th st & 27th av, Minneapolis, Minn.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Herzog Iron Works, St. Paul, Minn.
Hessler Foundry & Mfg. Co., Oswego, N. Y.
King Mfg. Co. ("King's"), St. Joseph, Mo.
Kramer Brothers Foundry Co., Dayton, O.
Line Material Co., South Milwaukee, Wis.
Luminous Unit Co., Jefferson & Washington avs., St. Louis, Mo.
Lundin Elec. & Machine Co., 16 Thatcher, Boston, Mass.
McDonnell Boiler & Iron Works, Des Moines, Ia.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Marty Fdry. Co., Meridian, Miss.
Meyers Fred'k J. Mfg. Co., Hamilton, O.
See adv index at end of book
Minneapolis Steel & Machine Co., 2854 Minnehaha av, Minneapolis, Minn.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mott J. L. Iron Works, Trenton, N. J.
Nordeen Foundry Co., Everett, Wash.
O'Brien Bros. ("Columbus"), 276 W Main Columbus, O.
Ornamental Lighting Pole Co., 114 Liberty, New York
Paxton & Vierling Iron Works, Omaha, Neb.
Pettyjohn Co., Terre Haute, Ind.
Phila. Electric & Mfg. Co., 1236 N 31st, Phila., Pa.
St. Paul Fdry. Co., St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smyser, Royer Co., York, Pa.
Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Thomasville Iron Works Inc., Thomasville, Ga.
Union Foundry Co., Anniston, Ala.
Union Metal Mfg. Co. ("Union," Cast Iron Base Pressed Steel or Copper Shaft), Canton, O.
United Iron Works Inc., Kansas City, Mo.
Wallace Machine & Foundry Co., Lafayette, Ind.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Withers Fndry & Mach. Wks. (Ornamental), Atlanta, Ga.

11406— Posts (Mooring)

Bayonne Bolt & Nut Co., Bayonne, N. J.
Harry L. C. Co., 114 Liberty, New York
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.

11407—Posts (Pawl, for Tugs)

Mobile Stove & Pulley Mfg. Co., Dept. H, Mobile, Ala.
Superior Iron Works Co. (For Power), Superior, Wis.

11408— Posts (Railing, Brass & Bronze)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works: Providence, R. I.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.

11409— Posts (Stanchion)

Donley Brothers Co., The, 3625 E 74th, Cleveland, O.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn.
See adv index at end of book

11410— Posts (Standard)

Ludlow Valve Mfg. Co. (For Valves & Sluice Gates), ft of Adams, Troy, N. Y.

11410a— Posts (Sunning)

Hamblet & Hayes Co. (For Patent Leather Mfrs.), Boston, Mass.

Posts (Tungsten Lamp)

See Posts, Lamps, Arc & Tungsten

11411— *Posts (Tennis Net)

Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*

11412— Potash

Adams Fred C. Co. (Caustic), 118 N Halsted, S. La Salle, Chicago, Ill.
American Agricultural Chemical Co. (Imp), 2 Rector, New York
Ashcraft Wilkinson Co., Atlanta, Ga.
Baker H. J. & Bro. (Imp. Alsation Salts, & Muriate Sulphate), 81 Fulton, New York
Bauer Philip Co., 25 W Broadway, New York
Baugh & Sons Co. (Dealers), 20 S Delaware av, Phila., Pa.
Coplay Cement Mfg. Co. (Flue Dust Potash & For Commercial Purposes), Coplay, Pa.
Daigger A. & Co., 511 W Kinzie, Chicago, Ill.
Feuchtwanger L & Co. (Silicate), 74 Cortlandt, New York
German Kali Works (Imp.) (Muriate of, Sulphate of), 42 B'way, New York
Grasselli Chemical Co. (Salts, Muriate, etc, imported), Guardian bldg, Cleveland, O.
Griffiths K. F. & Co., 81 Fulton, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heller, Jos. S. (Muriate, etc., Imp.), 62 William, New York
Hirsh Leon & Son (Pearl Ash), 368 Greenwich, New York
Innis, Speiden & Co., Inc. (Importers of All Kinds), 46 Cliff, New York
See adv index at end of book

Cable Address, "Innis, New York"

INNIS, SPEIDEN & COMPANY, Inc.

Successors to Innis & Co.

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Leather Seasons	Amorphous
Magnesite, etc.	Magnesium
Sal Ammoniac	Chloride, etc.

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International Agricultural Corp. (Salts), 61 B'way, New York
Jones Enos F. Chemical Co. (Pearl Ash), 51 Jay, New York
Klipstein A. & Co. (Carbonate Caustic, etc, Imp), 644 Greenwich, New York
McKesson & Robbins (Imp, Salts, Cyanide, etc) 91 Fulton, New York
Mallinckrodt Chemical Works (Caustic), 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Granulated (Caustic), Camden, N. J.
Michigan Electrochemical Co., Menominee, Mich.
National Aniline & Chemical Co., Inc. Chlorate, Cyanide & Prussiate), 21 Burling Slip, New York
National Electrolytic Co. ("Niagara" Chlorate), Niagara Falls, N. Y.
Natural Products Refining Co. (Bichromates), 902 Garfield av, Jersey City, N. J.
New Orleans Acid & Fertilizer Co. (Muriate, Sulphate, etc.), Gretna, La.
Niagara Alkali Co. (Electrolytic Caustic), Niagara Falls, N. Y.
Nitrate Agencies Co. (Muriate, Sulphate, etc, Imp), 102 Pearl, New York
North American Chemical Co. (Chlorate, etc), Bay City, Mich.
Ohio Salt Co. (Chlorate), Pittman, O.
Partola Mfg. Co., 160 2nd av, New York
Passolt Henry Co., Saginaw, Mich.
Penn Chemical Works (Powdered Caustic), 1332 Washington av, Phila., Pa.
Peters-White & Co. (Caustic, Imported), 55 John, New York
Powers - Weightman - Rosengarten Co., 916 Parrish, Phila., Pa.
Riker J. L. & D. S. (Caustic, Imp), 19 Cedar, New York
Roessler & Hasslacher Chemical Co. (Prussiate, Carbonate, Caustic, Chlorate, etc), 709 6th av, New York
Takamine Commercial Corp. (Imp. Chlorate, Muriate & Caustic), 120 B'way, New York
Tupelo Fertilizer Factory (Importers Muriate of Potash), Tupelo, Miss.
Utah Potash Co., Trenton, N. J.
Utah Salduro Co. ("U. S." Muriate), Salt Lake City, Utah
Walter Edw. J. Co. (Salts, Brokers), American bldg, Baltimore, Md.
Wander, S. & Sons' Chemical Co., Albany, N. Y.
Welch, Holme & Clark Co. (Caustic & First Sorts), 383 West, New York
Western Industries Co. (Salts), 110 Sutler, San Francisco, Cal.
White Thos. H. & Co. (Muriate, etc), 11 S Gay, Baltimore, Md.
Wiarda Jno. C. & Co. (Bichromatic, Black Rock, Cyanide, First Sorts, Flouride, Nitrate, Sulphuret), 273 Greene, Brooklyn, N. Y.

Potash (Bicarbonate)

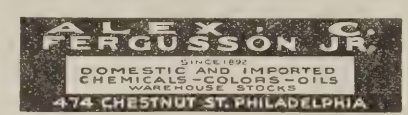
(See Potassium Bicarbonate)

Potash (Bichromate)

(See Potassium Bichromate)

11413—Potash (Caustic Fused)

Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut st, Phila., Pa. *See adv index at end of book*



INNIS, SPEIDEN & CO., INC. (Broken, Sticks, all Tests), 46 Cliff, New York
See adv index at end of book
Niagara Alkli Co., Niagara Falls, N. Y.
Wander, S. & Sons, Chemical Co., Albany, N. Y.

Potash (Permanganate)

(See Potassium Permanganate)

11414—Potassium Bicarbonate

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Klipstein & Co., 644 Greenwich, New York
Mutual Chem. Co. of America, 55 John, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

11415—Potassium (Bichromate)

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co., 644 Greenwich, New York
Mutual Chemical Co. of America, 55 John, New York
National Electrolytic Co. Inc. ("Niagara"), Niagara Falls, N. Y.
Natural Products Refining Co. ("Naproco") 902 Garfield av, Jersey City, N. J.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Vitro Manfg. Co., H, Bessemer bldg, Pittsburgh, Pa.

11415a—Potassium (Binoxalate)

American Alkali & Acid Co., Bradford, Pa.
Cooper Chas. & Co., 194 Worth, New York
Hummel & Robinson, 26 Cortlandt, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

11416— Potassium Bromide

Dow Chemical Co. (Granular & Crystals), Midland, Mich.
Greeff R. W. & Co., 78 Front, New York
Halogen Chemical Co., Bay City, Mich.
Merck & Co., 45 Park pl, New York
New York Quinine & Chemical Works, 135 William, New York

Potassium Carbonate

(See Carbonate of Potash)

11416a—Potassium (Carbonate Calcined)

Drakenfeld & Co. (Imp.), 120 B'way, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

11416b—Potassium (Chlorate)

Cooper Chas. & Co., 194 Worth, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Monmouth Chemical Co., 106 Wall, New York
National Aniline & Chemical Co., 21 Burling Slip, New York
National Electrolytic Co. Inc. ("Niagara"), Niagara Falls, N. Y.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Takamine Commercial Corp., 120 B'way, New York
Wiarda John C. & Co., 273 Greene, B'klyn, N. Y.

11416c—Potassium (Chloride)

Ashcraft Wilkinson Co., Atlanta, Ga.
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*

11416d— Potassium (Cyanide)

Cooper Chas. & Co., 194 Worth, New York
Mine & Smelter Supply Co., Denver, Colo.
National Aniline & Chemical Co., Ltd., 21 Burling Slip, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Wiarda John C. & Co., 273 Greene, B'klyn, N. Y.

11416e—Potassium-Ferri Cyanide

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

11416f—Potassium-Ferro Cyanide

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Warren Products Co., 265 Canal, New York
See adv index at end of book

11416g— Potassium (Iodide)

Cooper Chas. & Co. (U. S. P.), 194 Worth, New York
Mallinckrodt Chamical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Nagase D. & Co., Ltd., 120 B'way, New York
N. Y. Quinine & Chemical Wks. 114 William, New York
Squibb E. R. & Sons, 80 Beekman, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Takamine Commercial Corp., 120 B'way, New York

11417—Potassium Metabisulphite

Bischoff C. & Co. (Imp), 451 Washington, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

Potassium Nitrate

(See Nitrate of Potassium)

11417a— Potassium (Oxalate)

Cooper Chas. & Co., 194 Worth, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

11417b—Potassium Permanganate

Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Niagara Alkali Co., Niagara Falls, N. Y.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co. (Powdered & Dry), 15 E 26th, New York
See adv index at end of book
Takamine Commercial Corp. (Imp.), 120 B'way, New York

11417c—Potassium Sulphate

Ashcraft Wilkinson Co., Atlanta, Ga.
Baker H. J. & Bro., 81 Fulton, New York
Cooper Chas. & Co. (Dirs.), 194 Worth, New York
Marden, Orth & Hastings Corp., 194 Liberty, New York
Merck & Co., 45 Park pl, New York

11418—Potato Coverers & Hillers

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Champion Drill Co., Avon, N. Y.

Dorsch John & Sons (Combination Hiller & Digger), 209 Wells, Milwaukee, Wis.
Doughten H. W. ("Darnell's" Furrower & Coverer), Moorestown, N. J.
Eddy W. Plow Co. (Coverer), Greenwich, N. Y.
Empire Plow Co., 3140 E 65th, Cleveland, Ohio
Everts Mfg. Co., Meridian, N. Y.
Hirsch Bros. (Hiller), 267 Reed, Milwaukee, Wis.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Sargent, Osgood & Roundy Co. (Hiller), Randolph, Vt.
Syracuse Chilled Plow Co., Syracuse, N. Y.

11418a— Potato Flour

Arabol Mfg. Co., 100 William, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Rutger Bleecker, 87 Wall, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

11419— Potentiometers

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Leeds & Northrup Co. ("Brook's"), 4901 Stenton av, Phila., Pa.
Queen-Gray Co., 64-70H W. Johnson, Phila., Pa.

11419a— Potentiostats

U. S. E. M. Co., 301 W 37th, New York

11420— Potheads & Sleeves

Bissell F. Co., Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Colonial Sign & Insulator Co. ("Colonial" All Porcelain, Potheads), Akron, O.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Electrical Development & Machine Co., 221 N 23rd, Phila., Pa.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
G. & W. Electric Specialty Co. ("G. & W." Detachable Porcelain), 7440 S Chicago av, Chicago, Ill.
Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill
Moon Mfg. Co. (Self Soldering), 122 N Jefferson, Chicago, Ill.
Okonite Co. ("Candee"), Passaic, N. J.
Protective Elect'l Supply Co., Fort Wayne, Ind.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Western Elec. Co., 463 West, New York

11421— Pots (Acid)

Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
Knight, Maurice A., Akron, Ohio

11422— Pots (Annealing)

Blaw-Knox Co., Freeport rd., Hoboken, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Eclipse Fuel Engineering Co. (Pressed Steel), Rockford, Ill.
Garwood Bronze & Iron Works, Garwood, N. J.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Ludlum Steel Co., Watervliet, N. Y.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Metals Production Equipment Co., Springfield, Mass.
Morgan Construction Co., Worcester, Mass.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Philadelphia Roll & Machine Co. (For Wire, Steel & Iorn), 25th & Washington, Phila., Pa.
Pressed Steel Tank Co. (Seamless, Steel), 58th & Greenfield av, Milwaukee, Wis.
Smith Geo. H. Steel Casting Co. (Steel), 500 Clinton, Milwaukee, Wis.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

11423—Pots (Asphalt & Mastic)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Evans F. H. (Est. of), 31 Hewes, Brooklyn, N. Y.
New York Central Iron & Wks. Co. Inc., Dept. H, Hagerstown, Md.

11424— Pots (Bean)

Dorchester Pottery Works, 9 Preston, Boston, Mass.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Wingender Chas. & Bros., Haddonfield, N. J.

11424a— Pots (Bleach)

Acid Proof Iron Products Co., Inc., 49 Herman, Newark, N. J.
Duriron Castings Co., Dayton, O.

Pots (Burnishing)

See Stoneware, Chemical

11425—Pots (Case Hardening)

Garwood Bronze & Iron Works, Garwood, N. J.
Ludlum Steel Co., Watervliet, N. Y.
Wharton Wm. Jr. & Co., Inc. (Cast Steel), Easton, Pa.

Pots (Caustic)

See Pots, Chemical

11426— Pots (Chemical)

Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
FARRAR & TREFTS, INC., Buffalo, N. Y. *See adv index at end of book*
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
Fulton Fdry. Co., 1209 Marquett av, Cleveland, O.
Garwood Bronze & Iron Works, Garwood, N. J.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Knight Maurice A. (Stoneware), Akron, O.
Marshall Foundry Co., 28th & RR, Pittsburgh, Pa.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Withers Foundry & Machine Works, Atlanta, Ga.

11427— Pots (Cinder)

Marshall Foundry Co., 28th & RR, Pittsburgh, Pa.

Pots (Decanting)

See Stoneware, Chemical

Pots (Dross)

See Kettles, Dross

11428— Pots (English)

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

11429— Pots (Fire)

See also Furnaces, Gasoline Blast; also Furnaces, Soldering

American Brass & Copper Co. ("American"), 138 Lafayette, New York
Ashton Mfg. Co. ("Red Hot" Gasoline), 134 Emmet, Newark, N. J.
Berger Bros. Co., 229 Arch, Phila., Pa.
Best Light Co., 477 Second N E, Canton, Ohio
Canedy-Otto Mfg. Co. ("Royal" Needs No Clay), Chicago Heights, Ill.
Clayton & Lambert Mfg. Co. (Gasoline Soldering, Kerosene, Canners', Electricians' & Lineman's, Plumbers' & Tinners', etc.), 10565 Knodell av, Detroit, Mich.
Detroit Heating & Lighting Co. (Tinners'), Lieb & Wight, Detroit, Mich.
Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av, Chicago, Ill.
Double Blast Mfg. Co. ("Lundy Double Blast"), North Chicago, Ill.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Kemp C. M. Mfg. Co. ("Climax," Gas), 405 E Oliver, Baltimore, Md.
NIAGARA MACHINE & TOOL W'KS, (Charcoal, Gas, etc), Buffalo, N. Y. *See adv index at end of book*
Orleans Steel Products Co., Inc., 1021 Brenville, New Orleans, La.
Quinn Mfg. Co. ("Quinn's"), Detroit, Mich.
Reliable Stove Co., 1787 E 40th, Cleveland, O.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Turner Brass Works, Sycamore, Ill.
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*

11430— Pots (Flower)

Bird & Son ("Neponset" Waterproof Paper), East Walpole, Mass.
Cambridge Tile Mfg. Co., Covington, Ky.
Detroit Flower Pot Mfg. Co., Lafferty & Howard, Detroit, Mich.
Findlay Clay Pot Co., Findlay, O.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Hall Concrete Products Co. ("Artcrete"), Grassland, Pa.
Hews A. H. & Co., Cambridge, Mass.
Hilfinger Bros., Fort Edward, N. Y.
Ionia Pottery Co., Ionia, Mich.
Keller Pottery Co., Norristown, Pa.
Louisville Pottery Co., Floyd & Bloom av, Louisville, Ky.
National Pottery Co., Rossville, Ohio
Peters & Reed Pottery Co. (Also Jardineres), Zanesville, O.
Pfaltzgraff Pottery Co., York, Pa.
Rochelle F. W. & Sons (Paper), Chester, N. J.
Springfield Clay Mfg. Co., Springfield, O.
Standard Toy Marble Co., Akron, O.
Syracuse Pottery, 713 E Division, Syracuse, N. Y.
Uhl Pottery Co., Evansville, Ind.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Whildin Pottery Co., 713 Wharton, Phila., Pa.

Pots (Galvanizing)

See Kettles, Galvanizing

Pots (Glass Melting)

See Glass House Clay Supplies

11431— Pots (Glue)

See also Heaters, Glue

Beck Chas. Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Indiana Hollow Ware Co., Jeffersonville, Ind.
General Electric Co. (Electric), Schenectady, N. Y. *See adv index at end of book*
Hulburt Electro-Steam Mfg. Co. ("Hulburt" Electro Steam), 76H Tehama, San Francisco, Cal.
Kraft A. C., 323 W Lake, Chicago, Ill.
Nason Mfg. Co., 71 Fulton, New York.
Reading Saddle & Mfg. Co. ("Home," Household), Reading, Pa.
Russell Elect. Co. ("Hold-Heet" Electric), 140 W Austin, Chicago, Ill.
Scattergood H. W. Co. ("Scattergood Mucilage), 1722 W Venango, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*

11432— Pots (Lead)

McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Sperry D. R. & Co. (For Mixing White Lead & Oil, etc.), Batavia, Ill.

11433— Pots (Marking)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Atlanta Rubber Stamps & Stencil Works, Atlanta, Ga.
Binney & Smith Co. (Cylindo), 81 Fulton, New York
Bradley A. J. Mfg. Co. ("Bradley" Combination, Ball Marking & Stencil), 101 Beekman, New York *See adv index at end of book*
Central Stamping Co., 174 Fulton, New York
Geuder, Paeschke & Frey Co. (Pieced Tin), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York
Sexton Can Co., 123 Broad, Boston, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Sullivan-Geiger Co., Indianapolis, Ind.

11434— Pots (Melting)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Welding Co. (For Lead, etc.), Carbondale, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Foundry & Machine Co. (Cast Iron), Canton, O.
Clark W. J. Co., Salem, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Francis Charles E. Co., Rushville, Ind.
Garwood Bronze & Iron Works, Garwood, N. J.
Glenn Fred. E., St. Charles, Ill.
Gwynn-Bacon Vulcanizer Co., 2502 Cass, St. Louis, Mo.
International Elec. Co., Indianapolis, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Mabey's Elec. Mfg. Co., Indianapolis, Ind.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Philadelphia Roll & Machine Co. (Steel & Iron), 25th & Washington av, Phila., Pa.
Stevens Frederic B. (Babbitt Metal), 3d & Larned, Detroit, Mich. *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W, Cleveland, O.
Union Iron Works (Lead Melting), Hoboken, N. J.
Vulcan Elec. Htg. Co., 107 W 13th, New York
Wilfong Millard F. Iron Works Co., 52d & Gray's av, Phila., Pa.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

11435— Pots (Mixing)

Bethlehem Foundry & Machine Co., So Bethlehem, Pa.
Graham Chas. Chemical Pottery Works (Stoneware), 986 Met av, Brooklyn, N. Y.
New York Central Iron Wks. Co., Inc., Dept. H., Hagerstown, Md.

Pots (Nitre)

See Pots, Chemical

11436— Pots (Paint)

Sexton Can Co. ("Sexton's" Tapering Iron), 123 Broad, Boston, Mass.

11437—Pots (Pouring, Asphalt, Etc.)

Albany Belting & Supply Co., Albany, N. Y.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

11438— Pots (Salinometer)

Bethlehem Shipbuilding Corp. Ltd., Dept. H., Broadhead & Parker av, Bethlehem, Pa.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Star Brass Mfg. Co., 53 Oliver, Boston, Mass.

11439— Pots (Saturating)

BIGGS BOILER WORKS CO. (For Rubber Mills), Case av & Williams, Akron, O. *See adv index at end of book*

11440— Pots (Slag)

Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Marshall Foundry Co., 28th & R. R., Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

11441— Pots (Smudge)

American Steel Pipe & Tank Co. ("Coe" Smokeless), Los Angeles, Cal.

11442— Pots (Solder)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Ashton Mfg. Co. ("Red Hot" Metal), 184 Emmet, Newark, N. J.
Best Light Co., 477 Second N E, Canton, O.
Bignall Co., Medina, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Clayton & Lambert Mfg. Co. (Metal, Plumbers), 1370-80 Beaubien, Detroit, Mich.
Garwood Bronze & Iron Works, Garwood, N. J.
Glenn Fred E., St. Charles, Ill.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Jones Hollow Ware Co., 1012 Ashland av, Baltimore, Md.
Kupferle Jno. C. Fdry. Co., 1st & Wright, St. Louis, Mo.
Modern Iron Works, Quincy, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Russell Elect. Co. ("Hold-Heet" Electric), 140 W Austin, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Sperry D. R. & Co., Batavia, Ill.
Stortz John & Son, 210 Vine, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Swett A. L. Iron Works, Medina, N. Y.
Turner Brass Works, Sycamore, Ill.

Pots (Sprinkling)

See Pots, Watering

Pots (Stencil Marking)

See Pots, Marking

11442a—*Pots (Sulphonation)

Buffalo Foundry & Machine Co. (Phenol & Picric Acid), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

11443— Pots (Tallow)

Eagle Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Heavy Brazed Steel, Copper Plated & Polished Steel) Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Johnson Mfg. Co., Urbana, O.
Noera Mfg. Co. (Nickel Plated Steel), Waterbury, Conn.
Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

Pots (Tea & Coffee)

See Copper Ware, Stamped, Plated, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware Mfrs.; also Aluminum Hollow Ware; also Percolators, Coffee

11444— Pots (Tempering)

Garwood Bronze & Iron Works, Garwood, N. J.
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburg, Pa.
Wharton Wm. Jr. & Co., Inc. (Cast Steel), Easton, Pa.

11445— Pots (Tinning)

Garwood Bronze & Iron Works, Garwood, N. J.
Philadelphia Roll & Machine Co., 25th & Washington av., Phila, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

11446— Pots (Vapor)

General Fire Extinguisher Co., Providence, R. I.

11447— Pots (Watering)

See also Enameled Ware Mfrs.; also Tinware Mfrs.
Atlantic Stamping Co. ("Atlantic," Sprinkling, Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Central" & "Newark"), 172 Fulton, New York
Consolidated Fruit Jar Co. (Flower Sprinklers), New Brunswick, N. J.
Crunden-Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuder, Paeschke & Frey Co. (Galvanized Iron, etc.), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 399 B'way, New York
Lisk Mfg. Co. (Ltd.), ("Lisk" Galvanized Iron), Canandaigua, N. Y.
National Enameling & Stamping Co., 374 B'way, New York
Rochester Can Co. ("Iron Horse" Galvanized Sprinkling Cans), 89 Hague, Rochester, N. Y.
See adv index at end of book
Schlesinger Leo. & Co., 66 Wooster, New York

11448— Potteries

Abingdon Sanitary Mfg. Co., Abingdon, Ill.
Acme Sanitary Pottery Co., Trenton, N. J.
American Clay Products Mfg. Co., Stillwater, Minn.
American Sanitary Works, Washington, N. J.
Anchor Pottery, Trenton, N. J.
Baker Charles, Rockville, Ind.
Baldoser & Pace Pottery Co., Roseville, O.
Bangor Stoneware Co., Bangor, Me.
Bellmark Co., Trenton, N. J.
Bennett Edwin Pottery Co., Eden & Fleet, Baltimore, Md.
Bohemian Pottery Co., Zanesville, O.
Bowers Pottery Co., Mannington, W. Va.
Brush-McCoy Pottery Co., Zanesville, O.
Buckeye Stoneware Co., Buckeye Cottage, O.
Buffalo Pottery Co., Buffalo, N. Y.
Burley & Winter Pottery Co., Crooksville, O.
Cal Pottery Co., Chronicle bldg, San Francisco, Cal.
Camden Pottery Co., Camden, N. J.
Cannelton Stoneware & Pottery Co., Cannelton, Ind.
Canonsburg Pottery Co., Canonsburg, Pa.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co. (Druggists), East Liverpool, O.
Clark Bros. Pottery Co., Cannelton, Ind.
Cochran, Drugan & Co., Trenton, N. J.
Cook Bros. Pottery Co., Gadsden Ala.
Crooksville China Co., Crooksville O.
Crooksville Pottery Co., Crooksville, O.
Crown Potteries Co., Evansville, Ind.
Dalton Pottery Co., Dalton, O.
Dedham Pottery Co., East Dedham, Mass.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Diehl Pottery Co., Drexel bldg, Phila., Pa.
Douglas John Co., Carthage, Cincinnati, O.
Dunlop & Lisk Pottery Co., Matawan, N. J.
East Liverpool Potteries Co. (Decorated), East Liverpool, O.
Economy Pottery Co., Trenton, N. J.
Elite Pottery Co., Trenton, N. J.
Eljer Co., Cameron W. Va.
Fearon Brown Co. (Imp.), 96 Wall, New York
Florentine Pottery Co., Cambridge, Ohio
Ford Porcelain Works, Perth Amboy, N. J.
French China Co. (Dinner, Toilet), Sebring, O.
Fulper Pottery Co. (Stone Liquor Jugs), Flemington, N. J.
Galloway Terra Cotta Co. (Garden), 3216 Walnut, Phila., Pa.
Garden City Pottery Co. San Jose, Cal.
Gladding, McBean & Co., Crocker bldg., San Francisco, Cal.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Graham Chas. Chemical Potter Wks. (Acid Proof Chemical), 986 Metropolitan av, Brooklyn N. Y.
Greenwood China Co., Trenton, N. J.
Greenwood Pottery Co., Trenton, N. J.
Guernsey Earthenware Co., Cambridge, O.
Hampshire Pottery, Inc. ("Hampshire" Artistic), Keene, N. H.
Harker Pottery Co. (Decorated), East Liverpool O.
Hawthorn Pottery Co., Hawthorn, Pa.
Helfrich Pottery Co., Evansville, Ind.
Hews A. H. & Co., Cambridge, Mass.
Hilfinger Bros., Fort Edward, New York
Hull A. E. Pottery Co. Crooksville, O.
Hyssong C. A., Bloomsburg, Pa.
International Pottery Co. (Decorated, Semi-vitreous), Trenton, N. J.
Ionia Pottery Co., Ionia, Mich.
Keller George Pottery Co., 2618 Herndon, Chicago, Ill.
Keller Pottery Co., Norristown, Pa.
Keystone Pottery Co., Trenton, N. J.
Knight M. A. (Acid-proof Chemical Stoneware), Akron, O.
Knowles Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.
Knowles Taylor & Knowles Co. (Decorated, Semi-vitreous), East Liverpool, O.
Lambertville Pottery Co., Lambertville, N. J.
Laughlin Homer China Co., East Liverpool, O.
Lavey James B., Milan, O.
Limoges China Co. (Table), Sebring, O.
Logan Pottery Co., Logan, O.
Louisville Pottery Co. (Mfrs.), Floyd & Bloom av, Louisville, Ky.
Lowry Curtis W, Roseville, O.
Lowry F. S., Roseville, O.
Lyons Stoneware & Pottery Co., Lyons, N. Y.
McCoy-Nelson Sanitary Stoneware Co., Roseville, O.
McDade Pottery, McDade, Tex.
McNicol D. E. Pottery Co. (Decorated), East Liverpool, O.
Maddock John & Sons, Trenton, N. J.
Maddock's Thos. Sons Co., Trenton, N. J.
Mercer Pottery Co. (Decorated, White), Trenton, N. J.
Midland Pottery Co., Zanesville, O.
Missouri Pottery & Mfg. Co., Kansas City, Mo.
Mohawk Clay Products Co. ("Moco"), Perrysville, O.
Monument Pottery Co. (Majolica), Trenton, N. J.
Morris China Co., Trenton, N. J.
Nashville Pottery Co., Nashville, Tenn.
National China Co., Salineville O.
National Pottery Co., Roseville, Ohio
New Jersey China Pottery Co., Trenton, N. J.
Niloak Pottery, Benton, Ark.
Norse Pottery Co., Rockford, Ill.
Ohio China Co. (Decorated), East Palestine, O.
Ohio Pottery Co., Zanesville, O.
See adv index at end of book
Onondaga Pottery Co., Syracuse, N. Y.
Owen China Co. (All Kinds), Minerva, O.
Owens J. B. Floor & Wall Tile Co. (Art), Zanesville, O.
Pace Bros. & Son, Roseville, O.
Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Paden City Pottery Co. (Fireproof Cooking Ware), Paden City, W. Va.
Paducah Pottery Co., Paducah, Ky.
Patterson Bros. (Decorated), Wellsville, O.
Peerless Statuary Co., Rahway, N. J.
Perine M. & Sons 1009 W Baltimore, Baltimore, Md.
Peters & Reed Pottery Co., Zanesville, O.
Pewabic Pottery Co., Penobscot bldg, Detroit, Mich.
Pfaltzgraff Pottery Co. (Stoneware), York, Pa.
Phoenix Pottery Co., Bordentown, N. J.
Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.
Potters Co-operative Co. (Decorated), East Liverpool, O.
Ransbottom Bros. Pottery Co., Roseville, O.
Rapp Bros., Morton, Ill.
Resolute Pottery Co., Trenton, N. J.
Ritger Excelsior Pottery Co., 495 5th, Newark, N. J.
Robineau Pottery, Syracuse, N. Y.
Robinson Clay Product Co., Akron, O.
Rookwood Pottery Co. (Art), Rookwood pl, Cincinnati, O.
Roseville Pottery Co., Zanesville, O.
Royal China Co., Sebring, O.
Sanitary Earthenware Specialty Co., Trenton, N. J.
Saxe E. W. Pottery Co., 3519 E 71st, Cleveland, O.
Sebring China Co., Sebring, O.
Sebring E. H. China Co., Sebring, O.
Shenango Pottery Co., New Castle, Pa.
Smith-Phillips China Co. (Decorated), East Liverpool, O.
South Carolina Pottery Co., North Augusta, S. C.
Southern Potteries, Inc. ("Clincfield"), China, Erwin, Tenn.
Standard Pottery Co. (Decorated), East Liverpool, O.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Star Stoneware Co., Crooksville, O.
Steubenville Pottery Co. (Tableware), Steubenville, O.

Stevens Bros. Co., Stevens Pottery, Ga.
Stine C. W. Pottery Co., White Cottage, O.
Summit China Co., Akron, O.
Swope George A., Lancaster, Pa.
Syracuse Pottery (Flower Pots), 713 E Division, Syracuse, N. Y.
Thompson C. C. Pottery Co. (All Kinds), East Liverpool, O.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co. (Decorated), Trenton, N. J.
Union Clay Products Co., Bloomingdale, Ind.
Universal Sanitary Mfg. Co., New Castle, Pa.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Van Pottery Co., Trenton, N. J.
Vodrey Pottery Co. (Decorated), East Liverpool, Ohio
Volkmar Kilns, Metuchen, N. J.
Warwick China Co. (Decorated), Wheeling, W. Va.
Weaver Pottery Co., Catlettsburg, Ky.
Weller S. A. (Faience), Zanesville, O.
Wellsville China Co. (Decorated), Wellsville, O.
West End Pottery Co. (Decorated), East Liverpool, O.
Western Pottery Co., 3107 S Michigan-av, St. Louis, Mo.
Western Pottery Co., Denver, Colo.
Wheatley Pottery Co., Cincinnati, O.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
White Hall Pottery Works, White Hall, Ill.
Winfield Pottery Co., Winfield, Tex.
Wingender Charles & Bro., Haddonfield, N. J.
Woodbridge Pottery Co., Woodbridge, N. J.
Wright Tyndale & Van Roden, 1212 Chestnut, Phila., Pa.
Zanesville Art Pottery Co. (Pitchers), Zanesville, O.
Zanesville Stoneware Co. (Tableware), Zanesville, O.

11449— Potters' Supplies

Burgess & Co., East Liverpool, O.
Excelsior Ball Clay Co. (Clays), Cincinnati, O.
Fuerst Bros. & Co., 2 Stone, New York
Golding Sons Co. (Clays, Feldspar, etc), Trenton, N. J.
Milligan Hardware & Supply Co. (Brushes, Magnets & Vails), East Liverpool, O.
Mountford & Son, East Liverpool, O.
Potters Mining & Milling Co., East Liverpool, O.
Potters Supply Co., East Liverpool, O.
Sant Jno. & Sons Co., East Liverpool, O.

11450— Pouches (Mail)

Amer. Commercial Corp., 120 B'way, New York

11451— Poultry Supplies

Barnes Bros., Wellsville, N. Y.
Ky. Stamping Co. ("Kentucko"), Dept. H, Louisville Ky.
Marble Cliff Quarries Co. (Poultry Grit), Columbus, O.
O. K. Company, 157 Water, New York
Woodall Mfg. Co. (Roost Bars—Lice Traps), Davenport, Ia.

11452— Pounders (Steak)

Arcade Mfg. Co. (Or Meat), Freeport, Ill.
Grey Iron Casting Co. ("Mt Joy," etc), Mt. Joy, Pa.
Nicol & Co. ("Star," Ice Pick & Steak Pounder), 218 N Jefferson, Chicago, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

11453—*Pounders (Steak, Spice, etc.)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11454— Powder Mfrs.

American Luminous Products Co. ("Radio"), Hunting Park, Cal.
American Powder Mills ("Dead Shot" Black & Smokeless), Board of Trade bldg, Boston, Mass.
American Smokeless Powder Co. (Smokeless), 131 State, Boston, Mass.
Atlas Powder Co., Wilmington.
Austin Powder Co., 1229 Rockefeller bldg, Cleveland, O.
Black Diamond Powder Co., Pittston, Pa.
Cameron Puwder Mfg. Co., Emporium, Pa.
Cressona Powder Co. (Blasting), Pottsville, Pa.
Diamond Pointed Tool Co. (Diamond), 141H Fulton, New York
Dittmar Powder Works, 102 W 130th, New York

DU PONT E. I. de NEMOURS & CO. INC.
Sales Dept. Explosives Div. (Black; Cannon (black & smokeless explosive); blasting, etc.; fuse, gun, revolver (smokeless); rifle; sporting (black and smokeless)
See adv index at end of book

DU PONT

Sporting and Military Powders

For Shotguns, Rifles and Revolvers

SMOKELESS SHOTGUN POWDERS

The Du Pont Company manufactures three brands of smokeless shotgun powders: Dupont (Bulk), Ballistite (Dense), Dupont (Dense) (For export only).

BLACK SPORTING POWDERS

For shotgun, rifle, pistol and revolver ammunition. Brands: Du Pont Rifle, Hazard Kentucky Rifle.
These are reliable, uniform powders, in granulations Fg, FFg, FFFg.

RIFLE AND PISTOL POWDERS

Rifle Smokeless Powders (Bulk)—Du Pont No. 1 Rifle Smokeless; Gallery Rifle Powder No. 75; Sporting Rifle Powder No. 80; Schuetzen Rifle Smokeless; Blank Fire Powder.

DENSE MILITARY RIFLE POWDERS

Military Rifle Powder No. 20—The standard U. S. Army Powder.

Improved Military Rifle Powders Nos. 15, 16, 18—Super-high velocity powders.

Improved Military Rifle Powders Nos. 15½, 17½, 25½—Super-high velocity, non-metal fouling powders.

LESMOK RIFLE POWDER—A partly smokeless powder for .22 calibre and other small-bore metallic ammunition.

DU PONT PISTOL POWDER NO. 5—A dense, smokeless pistol powder.

FIREWORKS POWDER (BLACK)—"A" fireworks, "A" dust, and meal powders; fine, coarse, "A" special.

All Du Pont Smokeless Rifle and Pistol Powders are of the nitrocellulose type.

Sporting Powder Division

E. I. du Pont de Nemours & Co.

(Incorporated)

Wilmington, Delaware

See Advertisements at Blasting Accessories and Explosives.
See List of Branch Offices at end of book.

Egyptian Powder Co., East Alton, Ill.
Equitable Powder Mfg. Co., East Alton, Ill.
Giant Powder Co. (Blasting), 1st Nat'l. Bk. bldg, San Francisco, Cal.
Grasselli Powder Co. (Blasting), Guardian bldg, Cleveland, O.
Hercules Powder Co. (Military "Hercules" blasting Powders) (see dynamite for other brands), "Hercules" Sporting Powder, L. & R. Orange Extra Black Sporting, "Infallible," "E. C." Smokeless Powders for Shotguns, Smokeless Rifle Powders, "Lightning," "Sharpshooter," "W. A., 30 Cal." Hercules No. 300 & No. 308, & "Unique"; "Bullseye" for Pistols & Revolvers), Wilmington, Del.
Haynes Safety Powder Co. (Safety), Leader News bldg, Cleveland, O. Works: Massillon, O.
King Powder Co. ("King" Smokeless, "F. F. G." Semi Smokeless), First Nat. Bank bldg, Cincinnati, O.
McAbee G. R. Powder & Oil Co. ("Tannelite" Safety for coal mining), Oliver bldg, Pittsburgh, Pa.
Miller Jas. S., Sumneytown, Pa.
Nixon Nitration Wks. (Smokeless), New Brunswick, N. J.
Nitro Powder Co. (Gun Powder, Black), Kingston, N. Y.
Pennsylvania Trojan Powder Co. ("Trojan" Non-Freezing), Allentown, Pa.
Rendrock Powder Co. ("Rack-A-Rock"), 106 Wall, New York
Roberts Powder Co., Shenandoah, Pa.
Rockdale Powder Co., York, Pa.
Shamokin Powder Co. (Blasting), Shamokin, Pa
Standard Powder Co. (Black), 2nd Nat Bank bldg, Pittsburgh, Pa.
United Safety Powder Co., Louisville, Ky.
United States Powder Co. (Explosive), Terre Haute, Ind.
Western Powder Mfg. Co., East Alton, Ill.

Powder Blue

See Blue Powder

11455— *Powder Squib

Hercules Powder Co., Wilmington, Del.

11455a—*Powder (Stumping)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book

11456-7—Powder Thawers

Rundle A. J. ("Rundle's"), Iron Mountain, Mich.

11458—*Powdered Coal Insulation

American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.

Powder (Washing)

See Powders, Soap

Powders (Aluminum)

See Bronze Powders

11459— Powders (Bleaching)

See also Chloride of Lime

Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Babbitt, B. F., Inc. ("Acme"), 15 W 34th, New York
Champion Chemical Works (Chloride of Lime), 19 W Austin av, Chicago, Ill.
Clark Fred G. Co., 1081 W 11th Cleveland, O.
Dow Chemical Co., Midland, Mich.
Drackett, P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Graesseli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Hooker Electrochemical Co., 40 Wall, New York
INNIS, SPEIDEN & CO., INC. ("Isco"), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Mathieson Alkali Wks., Inc., (High Test), 53 Canal, Providence, R. I.
Michigan Electrochemical Co., Menominee, Mich.
Niagara Alkali Co., Niagara Falls, N. Y.
Partola Mfg. Co., 160 2nd av, New York
Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.
Riker J. L. & D. S. (Imp. & Mfrs. Agts.), 19 Cedar, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Wander, S. & Sons Chemical Co., Albany, N. Y.

11460—Powders (Carbonating)

Church & Dwight Co. ("Zenith"), 27 Cedar, New York
Fergusson Alex. C. Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*

11461—Powders (Flattening)

Scheel Wm. H. (Imported), 159 Maiden Lane, New York
See adv index at end of book

11462—Powders (Hardening)

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Scheel Wm. H. (Imported), 159 Maiden Lane, New York
See adv index at end of book

Powders (Insect)

See Insecticides

11462a— Powders (Scouring)

California Soap Co., 2437 E. 9th, Los Angeles, Cal.

POWDERS (SCOURING)—continued

Domestic Soap Mfg. Co., 113 6th, Long Island City, N. Y.
Fergusson Alex. C. Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.
Kenny J. T. & Co. ("Kennys"), St. Paul, Minn.
Larkin Co., 663 Seneca, Buffalo, N. Y.
Lever Bros. Co. ("Brooks Crystal"), Cambridge, Mass.
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.

11463— Powders (Soap)

(See Also Soap Powders)

Allison Bros., Middletown, Conn.
American Soap & Washoline Co., Cohoes, N. Y.
Babbitt B. T. Inc. ("Babbitt 1776"), 15 W 34th, New York
Beach Soap Co. ("World"), Lawrence, Mass.
Bon Ami Co. (Selling Agents), Battery pl., New York
Central Soap Mfg. Co., 2671 E 75th, Cleveland, O.
Citrus Soap Co. ("Citrus"), San Diego, Cal.
Climalene Chemical Co., Canton, O.
Colgate & Co., 105 Hudson, Jersey City, N. J.
Cortland Specialty Co. ("Houts"), Cortland, N. Y.
Creta Creme Co., 520 27th, New York
Daggitts' Wm. H. Sons, 383 W 12th, New York City
Devillers Soap Co. ("National"), 95 Cliff, New York
Electric Compound Co., 211 W 16th, Los Angeles, Cal.
Electric Smelting & Aluminum Co. ("Alumina-Soapalite"), Lockport, N. Y.
Fairbank N. K. Co., 111 W Washington, Chicago, Ill.
Fichtenberg Hans E., 216 W Water, Milwaukee, Wis.
Flavell Co. (Wire Drawing), Asbury Park, N. J.
Globe Soap Co., United Bank bldg, Cincinnati, O.
Hearn H. B. Co. Inc., 101 S Frederick, Baltimore, Md.
Hunnewell Soap Co. ("Crown"), 312 Genesee, Cincinnati, O.
India Alkali Works ("Savogran"), 28 India Wharf, Boston, Mass.
Jidas J. D. Bros. & Co., 906 W North av, Chicago, Ill.
Kalamazoo Soap Co., Kalamazoo, Mich.
Kendall Mfg. Co., 90 Friendship, Providence, R. I.
Kenny J. T. & Co. ("Submarine"), St. Paul, Minn.
Kirkman & Son, 215 Water, Brooklyn, N. Y.
Klean-Wel Mfg. Co. ("Klean-Wel"), Superior Viaduct, Cleveland, O.
Lautz Bros. & Co., Buffalo, N. Y.
Modoc Co., Fernwood, Pa.
Orford Soap Co., Manchester, Conn.
Pennsylvania Soap Co., Lancaster, Pa.
Pioneer Mfg. Co. ("Shino"), 3053H E 87th, Cleveland, O.
Pride of the Kitchen Co., 390 Smith, Brooklyn, N. Y.
Puritan Soap Co., ("Puritan"), 496 Exchange, Rochester, N. Y.
Robertson Theo. B. Products Co. ("Robertson's" Dish Washing), 700 W Division, Chicago, Ill.
Royal Chemical Co., Phenix, R. I.
Rub-No-More Co., Ft. Wayne, Ind.
Sibley Soap Co., Franklin, Pa.
Smith C. A. ("Index"), Hamilton, Ohio
Standard Chemical & Supply Co., 160 Second, Boston, Mass.
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.
Tomson P. C. & Co., 29 Washington av., Philadelphia, Pa.
Vera Chemical Co., No. Milwaukee, Wis.; Stoneham, Mass.; Burlington, Ont., Canada
Wayne Soap Co., Copeland & M. C. RR. Detroit, Mich.
Wilson & Co. (Washing), Union Stock Yards, Chicago, Ill.
Wrisley Allen B. Co., 923 Wells, Chicago, Ill.

Powders (Sweeping)

See Compounds, Sweeping

11464— Powders (Tire)

U. S. Mica Mfg. Co. ("U. S. Original"), 1521 Circle av, Forest Park, Ill.
Van Cleef Bros. (Mica), 7722 Woodlawn av, Chicago, Ill.

11464a—*Power Equipment

HOOVEN OWENS RENTSCHLER CO. (Heavy Castings Compressors, Couplings & Engines), Hamilton, O. *See adv index at end of book*
Leader Iron Works (" Leader"), Decatur, Ill.

11465—Powers (Dog, Sheep, Etc.)

Gowanda Agricultural Works, Gowanda, N. Y.
McDermaid J., Rockford, Ill.
Vermont Farm Machine Co., Bellows Falls, Vt.

11465a—*Precipitation (Electric Equipment)

General Electric Co., Schenectady, N. Y. *See adv index at end of book*

11466— Preheaters

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Davis-Watkins Dairymen's Mfg. Co., No. Chicago, Ill.
HAUCK MFG. CO., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Kentucky Oxygen-Hydrogen Co. (For Ovens & Torches), 1416 Magazine, Louisville, Ky.
Milburn Alexander Co., 1428 W Baltimore, Baltimore, Md.
Rauch Henry & Son ("Universal" for Removing Old Pitch from Cooperage), Mt. Vernon, N. Y.

11466a—Preservatives (Hide & Skin)

American Trading Co., 25 Broad, New York
Chipman Chemical Engng. Co. Inc. ("Atlas S" for Cutting), 136 Liberty, New York
Fearon Brown Co., 96 Wall, New York

11467—Press Attachments for Preventing Accidents

Benjamin Elec. Mfg. Co. (For Punching Presses, etc.), 120-128 S Sangamon, Chicago, Ill.
Geuder, Paeschke & Frey Co. ("Cream City" Automatic Accident Preventor), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
H. & A. Lock Co. (Punch Press Safety Appliance), 243 44th, Brooklyn, N. Y.
Hardware Supply Co., Grand Rapids, Mich.
Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.

11468— Press-Board

Case A. Willard Co. (Imitation), Manchester, Conn.
Case Bros., Highland Park, Conn.
Case & Risley Press Paper Co., Oneco, Conn.
Chicago Mica Co. (Also Fullerboard & Leatheroid), Valparaiso, Ind. *See adv index at end of book*
Crehore Chas. F. & Son, 87 Milk, Boston, Mass.
Manning, John A., Paper Co., Troy, N. Y.
Merwin Paper Co., Windsor, Conn.
New York & Penna Co., 209 5th av, New York
Rogers Paper Mfg. Co., South Manchester, Conn.
Youngstown Pressed Steel Co. (Bookbinders), Warren, O. *See adv index at end of book*

11469— *Press Clippings

Fuller's Press Clipping Bureau, Pacific bldg., Seattle, Wash.

11470—Pressed Steel Specialties

See also Steel, Pressed

Blaw-Knox Co. (Also Welded), Freeport, Rd, Hoboken, Pa.
Bossert Corporation, The, cor. Linden & West av, New York
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Gem Mfg. Co., Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Mis. *See adv index at end of book*
Gier Pressed Steel Co., Lansing, Mich.
Glasgow Iron Co., Pottstown, Pa.
Globe Machine & Stamping Co., (To Order), 1250 W 76th, Cleveland, O.
Heggie Jas. G. & Sons, Joliet, Ill.
Hydraulic Pressed Steel Co. (House Forms, etc), 3152 E 61st, Cleveland, O.
Maryland Metal Products Co., Hagerstown, Md.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mossberg Frank Co. (Parts for Guns, Automobile, Typewriter Machines, etc), Attleboro, Mass.
New England Pressed Steel Co., Natick, Mass.
Pressed Steel Co. (Heavy Stamping, Auto Truck Parts), Wilkes-Barre, Pa.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Quinsigamond Pressed Steel Co., Worcester, Mass.
Standard Pressed Steel Co., 20th & Indiana, Phila., Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
WORCESTER PRESSED STEEL CO., Worcester, Mass. *See adv index at end of book*
Youngstown Pressed Steel Co. (To Order), Warren, O. *See adv index at end of book*

11471— Pressers (Cork)

Phoenix Hardware Mfg. Co., Homer, N. Y.

11472— Presses (Arbor)

Atlas Press Co., 323 N Park, Kalamazoo, Mich.
Barnes W. F. & Jno. Co., Rockford, Ill.
Bartlett E. E. ("Greenerd"), 326 A, Boston, Mass.
Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Geier P. A. Co., Cleveland, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

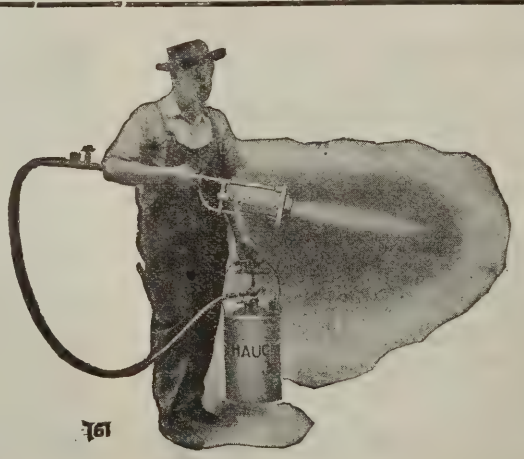


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PRESSES (ARBOR)—continued

LOURIE HYDRAULIC PRESS CO., Springfield, Ill. *See adv index at end of book*
Lucas Machine Tool Co. ("Lucas," Power), 524 E 99th, Cleveland, O.
Metalwood Mfg. Co., Dept. H, Leib & Wight, Detroit, Mich.
Myers Machine Tool Co. ("Myers"), Columbia, Pa.
Nicholson W. H. & Co., Wilkes-Barre, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Sharp L. C. Mfg. Co. (Hydraulic), Plattsmouth, Neb.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Southwark Fdry. & Mach. Co., 430 Washington av, Phila., Pa.
United Engine & Mfg. Co ("Long Range"), Hanover, Pa.

11472a— *Presses (Arch)

Blake & Johnson, 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book

11473—Presses (Armature & Field Coil Segments)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

11474—*Presses (Auger & Bit Heading)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11474a—*Presses (Auto Tire Forcing)

Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11474b—Presses (Auto Truck Tire Forcing)

Dunning & Boschart Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11475—Presses (Automatic, Disc Notching)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book

11476—Presses (Automatic, Gang)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
HENRY & WRIGHT MFG. CO. ("Henry & Wright"), 760 Windsor av., Hartford, Conn. *See adv index at end of book*

11477—*Presses (Automatic, Saw Tooth Notching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11478—Presses (Automobile Body)

ELMES CHAS. F. ENGINEERING WORKS (Metal Body Making), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Southwark Foundry & Machine Co. (Hydraulic), 1128 S. 4th, Phila., Pa.

11479—Presses (Automobile Tire, Hydraulic)

Defiance Machine Works, Defiance, O.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

11479a—Presses (Bakelite)

Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Elmes Chas. F. Engineering Works (Condensite Material), cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11480—Presses (Baling, Barrel Heading)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Rochester Barrel Machine Works, Rochester, N. Y.

11481—Presses (Baling, Broom Corn)

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Shaw, Welsh & Co. ("Galesburg"), Galesburg, Ill.

11481a—Presses (Baling, Cotton & Wool)

Chicago Baling Press Mfg. Co. (Cotton), 305 S. La Salle, Chicago, Ill.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Bales Co., Ann Arbor, Mich.
Franklin Machine Co., 1 Park av, Providence, R. I. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11482—Presses (Baling, Metal Scrap)

Bethlehem Steel Co. (Hydraulic), S Bethlehem, Pa.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Chicago Baling Press Mfg. Co. ("New Standard"), 305 S. La Salle, Chicago, Ill.
Davenport Mfg. Co. ("Schicks" All Steel), Davenport, Ia.
Davis Mfg. Co., 137 Freeman, Brooklyn, N. Y.
Galland-Henning Mfg. Co., Railway Exchange bldg, Milwaukee, Wis.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book
Woodall Mfg. Co. ("Money Saver" Hand), **500 Taylor, Davenport, Ia.**

11482a—Presses (Baling, Paper)

See also Presses, Baling & Hay; also Presses, Baling Waste

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Chicago Baling Press Mfg. Co., 305 S. La Salle, Chicago, Ill.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11483—Presses (Baling, Waste)

Alsteel Mfg. Co. ("Alsteel" Paper), Battle Creek, Mich.
Bicking Paper Co. (For Paper, Rags, etc), 111 N 2d, Phila., Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Clintonville Baler Co., Clintonville, Wis.
Davenport Mfg. Co. ("Schick's"), All Steel, Davenport, Ia.
Davis Mfg. Co., 137 Freeman, Brooklyn, N. Y.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Baler Co. ("Economy" Steel Frame, Paper, etc), **Ann Arbor, Mich.**
Ertel Geo. Co. (For Waste Paper, etc.), Quincy, Ill.
Famous Mfg. Co. (Paper), E Chicago, Ind.
Franke Fred & Co., Louisville, Ky.
Grand Rapids Salvage Co. ("Handy"), Grand Rapids, Mich.
Haugh J. G. & Co. (Paper), Bascom, O.
Hazen Mfg. Co. ("Hudson"), Hudson, Mich.
Hobson & Co., Easton, Pa.
Hydraulic Press Mfg. Co. (Wood & Steel Box), Mt. Gilead, O.
Logemann Bros. Co. (All Kinds Waste Materials), 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Lubbers & Bell Mfg. Co. ("One Minute," for Waste Paper), Clinton, Ia.
Midland Supply Co. ("Prestel," for Paper),, Davenport, Ia.
Minnich Machine Works ("Minnich" Steel Hand & Power), Landsville, Pa.
Petroleum Iron Werks Co. ("Leader" All Steel), Sharon, Pa.
Pick Albert & Co. (Paper), 212 W Randolph, Chicago, Ill.
Ripley Foundry & Machine Co. ("Sampson" Paper), Ripley, O.
Smith Philip Mfg. Co. (Paper), Sidney, O.
Weber Supply & Specialty Co. (Paper), 2250 So. Union av., Chicago, Ill.
Wenzelman G., Galesburg, Ill
Woodall Mfg. Co. ("Money Saver" Hand), 500 Taylor, Davenport, Ia.

11483a—*Presses-Baling (Yarn, Hair & Hemp)

DUNNING & BOSCHERT PRESS CO., INC., 379 Water, Syracuse, N. Y.
See adv index at end of book
Franklin Machine Co. (Yarn), 1 Park, Providence, R. I.
See adv index at end of book

11484-5—Presses (Baling & Hay)

See also Presses, Cotton

Admiral Hay Press Co., Kansas City, Mo.
Alamo Iron Works (Hay), San Antonio, Tex.
Ann Arbor Machine Co. "Ann Arbor Line," Ann Arbor, Mich.
Auto Fedan Hay Press Co. (Auto Self Feed Hay Press), 1603 Wyoming, Kansas City, Mo.
Buckeye Baler Co., Findlay, O.
Burkett Mfg. Co. (Hay), 162 W Spring, Columbus, O.
Business Men's Paper Press Co., Wayland, Mich.
Cardwell Machine Co. (Hydraulic Baling), 1900 E Cary, Richmond, Va.
Case J. I. Threshing Mach. Co. ("Case"), Racine, Wis.
Chattanooga Implement & Mfg. Co. (Hay), East Chattanooga, Tenn.
Chattanooga Plow Co. (Hay & Straw), Chattanooga, Tenn.
Collins Plow Co. (Hay, "Ell," "Noxall," "Excelsior"), Quincy, Ill.
Dain Mfg. Co. (Hay, Horse Power & Motor), Ottumwa, Ia.
Davenport Mfg. Co., Davenport, Ia.
Davis Mfg. Co., 137 Freeman, Brooklyn, N. Y.
Dennis John Machine Co., Lowell, Mass.
ELMES CHAS. F. ENGINEERING WORKS (Baling Only for Paper & Wool), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Emerson Brantingham Co. ("Reeves," "Geiser Peerless," Hay), Rockford, Ill.
Ertel Geo. Co. ("Victor" & "Gem" Hay, Straw, Waste Paper, etc.), Quincy, Ill.
Famous Mfg. Co. ("Champion" & "Famous"), East Chicago, Ind.
Grand Rapids Salvage Co. (Paper), Grand Rapids, Mich.
Hampton Ralph L. (Hay), Honeybrook, Pa.
Hasard Wm. (Hay), Trumansburg, N. Y.
Hobbs Mfg. Co. (Waste Baling), Worcester, Mass.
Hobson & Co., Easton, Pa.
Home Mfg. Co., Mattoon, Ill.
Hydraulic Press Mfg. Co. (For Cloth, Cotton, etc), Mount Gilead, O.
See adv index at end of book
Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.
Junior Monarch Hay Press Co. ("Junior Monarch," "Little Giant"), (Straw, etc), San Leandro, Cal.
Kansas City Hay Press Co. ("Lightning" Combination Straw, etc.), Kansas City, Mo.
Kline Lewis T., Alpena, Mich.
Lenmar Mfg. Co., Saginaw, Mich.
Logemann Bros. Co. (All Kinds of Products), 3130 Burleigh, Milwaukee, Wis.
Lombard Iron Wks. & Supply Co., Augusta, Ga.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Maytag Co. ("Buffalo" Hay), **Newton, Ia.**
Modern Equipment Co., Lockport, N. Y.
New Winona Mfg. Co. ("Hay King" Horse & Diamond Steam Power), Winona, Minn.
New York Machy. Co., 200H 5th av, New York
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Poston Baler Co., Chillicothe, O.
Sandwich Mfg. Co. (Hay), Sandwich, Ill.
Shaw, Welsh & Co., Galesburg, Ill.
Sinclair-Scott Co. ("Baltimore"), Wells & Patapsco, Baltimore, Md.
Smith, Philip Mfg. Co. (Paper Balers), Sidney, O.
Smith & Sons Mfg. Co. (Hay), Kansas City, Mo.
Southern Plow Co. ("Cumming"), Columbus, Ga.
Spencer J. A. (Hay, "Favorite Alligator," "Hercules," "Perpetual"), Dwight, Ill.
Stopple W. H. ("Easy" Hand Power & Motor Power), Dallas, Tex.
Strait H. N. Mfg. Co., Kansas City, Kans.
Swanson Plow Co. (Hay, etc.), Muskogee, Okla.
Swayne, Robinson & Co. ("Money-Maker"), Richmond, Ind.
Tempus Reclaiming & Mfg. Co., 25 N 7th, Phila., Pa.
Thomas Albright Co., (Hydraulic, for Paper Stock, Yarns, Rags, Hair, Waste, etc), Goshen, Ind.
Waterville Foundry & Mfg. Co., Waterville, N. Y.
WATSON-STILLMAN CO. (Hydraulic Baling), 38 Church, New York
See adv index at end of book
Weber Supply & Specialty Co. (Jobbers), 2250 So. Union av., Chicago, Ill.

Whitehurst R. W. Mfg. Corp. (Hay), Norfolk, Va.
Williams Mfg. Co. (Hay), Macon, Ga.
Wirtz & Hernlen (Hay), Augusta, Ga.
Woodall Mfg. Co. ("Money Saver," Hay, Straw, Tobacco Stems, Excelsior, Stalks, Paper, Cuttings, etc), 500 Taylor, Davenport, Ia.
Ypsilanti Hay Press Co. ("Wolverine" Hay), Ypsilanti, Mich.

11485a—Presses (Banding)

Elmes Chas. F. Engng. Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Modern Broom Machy. Co., Dept. H, Davenport, Ia.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.

11486— Presses (Beeswax)

See also Beekeepers' Supplies

Kretchmer Mfg. Co., Council Bluffs, Ia.

11487-8—Presses (Beet Pulp)

Jackson & Church Co., Saginaw, Mich.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

11489— Presses (Belting)

Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS (Leather), cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Southwark Foundry & Machine Co. (Leather), 1128 S 4th, Phila., Pa.

11490— Presses (Bench)

See also Presses, Power

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Baird Machine Co., Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
High Speed Hammer Co., Inc. (Sensitive & Motor Driven Drills), 313 Norton, Rochester, N. Y.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
McCall Machine Works ("Baxendale"), Rochester, N. Y.
Manville E. J. Machine Co., Waterbury Conn.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
Perkins Machine Co., Warren, Mass.
Rowbottom Machine Co. ("Rowbottom Yankee"), Waterville, Conn.
Springfield Machine Tool Co. (Straightening. etc), Springfield, O.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

11491-2— Presses (Bending)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
MORGAN ENGINEERING CO. (Plate Bending, etc.), Alliance, O.
NIAGARA MACHINE & TOOL WKS: Buffalo, N. Y. *See adv index at end of book*
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Presses (Bicycle Chain)

See Presses, Power

11493—*Presses (Binders' Board)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book

Presses (Blanking)

See Presses, Power

11494—*Presses (Bliss Inclinable)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11495—*Presses (Book Binders')

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11496— Presses (Box)

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Success Seeder Grader Co. ("Success" Lid), Spokane, Wash.

Presses (Brick)

See Machines, Brick Press

Presses (Briquetting)

See Briquetting Machinery

11497—Presses (Broaching)

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Chambersburg Engineering Co., Chambersburg, Pa.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book
Hydraulic Press Mfg. Co. ("Hydraulic"), Mt. Gilead, O.
Logemann Bros. Co. (For Brass), 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av., New York. *See adv index at end of book*
Metalwood Mfg. Co., Dept. H, Leib & Wight, Detroit, Mich.
Perkins Machine Co., Warren, Mass.
VELCO MFG. COMPANY, INC. ("Broachwell," "Velco"), 305 Wells, Greenfield, Mass. *See adv index at end of book*
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11498— Presses (Bumping)

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

11499—Presses (Cabbaging)

Famous Mfg. Co. (For Pressing Scrap Brass, etc), E. Chicago, Ind.
Farrel Foundry & Machine Co., Ansonia, Conn.
Galland-Henning Mfg. Co. (For Scrap Copper & Brass), 97 Wisconsin, Milwaukee, Wis.
Logemann Bros. Co. (For Brass & Copper Scrap), 3130 Burleigh, Milwaukee, Wis.

11500— Presses (Cage)

Callahan W. P. Co., Dayton, O.

11501—Presses (Cam Drawing)

See also Presses, Drawing; also Presses, Power

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Standard Machinery Co., Providence, R. I.

11502— Presses (Car Seal)

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.

11503—Presses (Car Wheel)

See also Presses, Hydrostatic Wheel

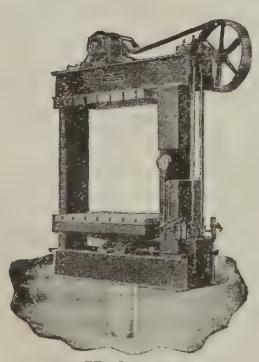
Bethlehem Steel Co., South Bethlehem, Pa.
Caldwell E. K. & Co. (Hydraulic), Bradford, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lake Shore Engine Works, Marquette, Mich.
Lobdell Car Wheel Co., Wilmington, Del.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
LOURIE HYDRAULIC PRESS CO., Springfield, Ill.
See adv index at end of book
McCall Machine Works ("Schaffer," Hydraulic), Rochester, N. Y.
Niles-Bement-Pond Co., 111 B'way, New York
Nolte Adolph (Hydraulic), Rochester, N. Y.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Thomasville Iron Works Inc., Thomasville, Ga.
Tomlin-Harris Machine Co., Cordele, Ga.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11503a—*Presses (Carbon Slug Molding)

Dunning & Boschert Press Co., Inc., 379 Water, Syracuse, N. Y.
See adv index at end of book
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Presses (Card Cutting)

See Card Cutting Machines



Hydraulic

Hydraulic
Knuckle Joint
Power Screw
PRESSES

For almost every purpose requiring pressure, such as bailing cotton and woolen goods and yarns, Oleo, Lard, and other Oils, Fertilizer, Vulcanizing, Leather Belting, Veneers, Laboratory uses, etc., either belt or direct motor drive

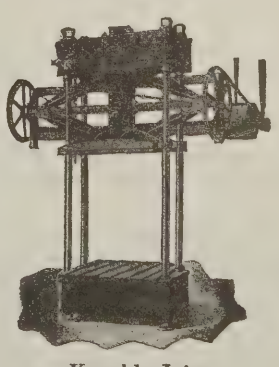
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See Coining Machines

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Continental Gin Co., Birmingham, Ala.
Famous Mfg. Co., East Chicago, Ind.
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Hobson & Co., Easton, Pa.
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Lombard Iron Works & Supply Co., Augusta, Ga.
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See adv index at end of book
Lummus Cotton Gin Co., Columbus, Ga.
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Murray Co., Dallas, Texas
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Southwark Foundry & Machine Co. (Compress), 1128 S 4th, Phila., Pa.
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Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

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French Oil Mill Machinery Co., Piqua, O.
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Hydraulic Press Mfg. Co., Mt. Gilead, O.
Platt Iron Works Co., Dayton, O.
Shriver T. & Co., Harrison, N. J.

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Dudgeon Richard, 24 Columbia, New York
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
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Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Perkins Machine Co., Warren, Mass.
V. & O. Press Co. ("V. & O."), Dry Hrbr. rd, Glendale Station, L. I., N. Y.
WATSON-STILLMAN, CO., 38 Church, New York *See adv index at end of book*

11521a— Presses (Cupping)

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Presses (Cutting)

See Presses, Power

11522-3— Presses (Cutting Glove Makers')

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Hydraulic Press Mfg. Co. (For Seamless Gold Crown Teeth), Mt. Gilead, O.

11524a— *Presses (Dial)

See Also Presses, Power

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11525—*Presses (Dial Feed)

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Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
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Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
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Lourie Hydraulic Press Co., Springfield, Ill.
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Thomas Albright Co. (Hydraulic), Goshen, Ind.
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Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

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Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Slaysman & Co., 801 E Pratt, Baltimore, Md.

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See adv index at end of book

11528—Presses (Disc Notching)

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See adv index at end of book

11528a—Presses (Doll Forming)

Cumming W. A. & Co., 49 Bleecker, New York

11529— Presses (Drawing)

See also Sheet Metal Workers' Machines & Tools

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Baird Machine Co., Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chambersburg Engineering Co. (Hydraulic), Chambersburg, Pa.
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Kane & Roach, Syracuse, N. Y.
Leffler Charles & Co. (Sheet Metal, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman," Cut & Draw), Meriden, Conn.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Michigan Press Co., Ypsilanti, Mich.
Morgan Engineering Co., Alliance, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Richard Mfg. Co., Bloomsburg, Pa.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Standard Machinery Co., Providence, R. I.

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Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
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Walsh Press & Die Co. (For Drawn Shellac, etc), 4709 W Kinzie, Chicago, Ill.
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WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
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Zeh & Hehnemann Co. (Double Acting), Vanderpool, Newark, N. J.

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See Drilling Machines

11530— Presses (Drop)

See also Hammers, Drop

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Canton Foundry & Machine Co. ("Universal" for Metal Ceilings)), Canton, O.
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Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
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Leffler Chas. & Co. (Sheet Metal, Can Makers, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
McWilliams Thomas, 237 Eddy, Providence, R. I.
Miner & Peck Mfg. Co. ("Peck"), Derby, Conn.
NIAGARA MACHINE & TOOL WKS, (Bench, Poppet, etc), Buffalo, N. Y. *See adv index at end of book*
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Perkins Machine Co., Warren, Mass.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Machinery Co. ("Standard" Automatic), Providence, R. I.
Swaine Fred. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Williams, White & Co., Moline, Ill.

11531— Presses (Embossing)

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel," Toggle & Four Post Toggle), Monroe bldg, Chicago, Ill. *See adv index at end of book*
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Beck Machine Chas. Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Carver C. R. Co., 20th & Clearfield, Phila., Pa.
Currier Cyrus & Sons, 365 Market, Newark, N. J.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hickok W. O. Mfg. Co. (For Bookbinders), Harrisburg, Pa.
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Logemann Bros. Co. (Leather), 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Manville E. J. Machine Co., Waterbury, Conn.
Mead A. G. Co. (For Paper), 62 Sudbury, Boston, Mass.
Meriden Press & Drop Co., Meriden, Conn.
Metal Package Corp. of N. Y. ("Rudolphi" & "Krummel" Toggle & Four Post Toggle), 509 5th av, New York *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Metal), 157 Oraton, Newark, N. J.
Oliver Machinery Co., Grand Rapids, Mich.
Perkins Machine Co., Warren, Mass.
Roovers Bros. (For Metal Name Plates, Pattern Letter Plates, Tags, Labels, etc), 100 Schermerhorn, Brooklyn, N. Y. *See adv index at end of book*
Sheridan T. W. & C. B. Co. (Embossing & Graining for Leather, etc), 434 B'way, New York
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Standard Machinery Co., Mystic, Conn.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Sheet Metal), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Traud Alex. & Sons (For Leather), 124 Polk, Newark, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11532—Presses (Emery Wheel)

DUNNING & BOSCHERT PRESS CO. (INC.), 779 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11533—Presses (Engravers' Transfer)

Chapman W. H. (For Bank Notes, etc), 229 Mulberry, Newark, N. J.
Currier Cyrus & Sons, 365 Market, Newark, N. J.

Presses (Excelsior Baling)

See Presses, Baling & Hay

11534—Presses (Fertilizer)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*

11535—Presses (Fibre Board)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lobdell Car Wheel Co., Wilmington, Del.

11536— Presses (Filter)

ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Allbright-Nell Co. (For Packing Houses), 5315 Western av, Chicago, Ill.
Bay City Iron Co., Bay City, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Berrigan J. J. ("Berrigan"), Orange, N. J.
Bethlehem Shipbuilding Corp. Ltd. (Experimental), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Blymyer Iron Works Co., Cincinnati, O.
Bonnot Company, Canton, O.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
Cavagnaro John J. (for Manufacturing Celluloid), Harrison, N. J.
Colorado Iron Works Co. ("Portland"), Denver, Colo.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Duncan Stewart & Co. Ltd., Export Dept. 43 Cedar, New York
Dyer Co., 2031 Euclid av, Cleveland, O.
Eastwood Benj. Co., Paterson, N. J.
Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Erhart Chris, 1237 W 6th, Cincinnati, O. *See adv index at end of book*
Hadfield-Penfield Steel Co. (The), (Clay), Bucyrus, O.
Hydraulic Press Mfg. Co. (Hard Refining, Wash Plate, etc.), Mt. Gilead, O.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Johnson John Co. (All Sizes & Types of Filter Presses in Iron, Bronze, Aluminum, Lead & Wool), 37th & 2nd av, Brooklyn, N. Y.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 33 W 42d, New York
Patterson Foundry & Machine Co., East Liverpool, O.
PERRIN WM. R. & CO. (For Chemicals, Oils, Sugar, Starch, Dry Colors, Varnish, etc.), 37 W Van Buren, Chicago, Ill.
Platt Iron Works Co. (For Chemicals, Oils Sugar, Starch, Varnish, etc), Dayton, Ohio
Provost Engng. Corp. ("Provo"), 50G Church, New York
Pusey & Jones Co., Wilmington, Del.
Shriver T. & Co., Harrison, N. J.
Sperry D. R. & Co., Batavia, Ill.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Superior Fdry. Co., Dept H, E. 71st & W. & L. E. Ry, Cleveland, O.
Traud Alex. & Sons, 124 Polk, Newark, N. J.
United Filters Corp. (Self-Dumping Filters), 65 Broadway, New York
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.
Worthington Pump & Machy. Corp. ("Berrigan Patents" for Sugar Houses, Mining Plants, etc), 115 B'way, New York *See adv index at end of book*

11537—Presses (Filter, Laboratory)

Holz & Co., Inc., 18 Madison av., New York *See adv index at end of book*
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Sperry D. R. & Co., Batavia, Ill.

11538— Presses (Fish Oil)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*

11539— Presses (Flanging)

Aldrich Pump Co., Allentown, Pa.
Chambersburg Engineering Co. (Sectional), Chambersburg, Pa.
ELMES CHAS. F. ENGINEERING WKS., (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Joubert & Goslin Mch. & Fdy Co., Birmingham, Ala.
Kelly Co. ("Kelly," for Treatment of Mill Slimes, Sugar Precipitates, etc.), Salt port, Conn. *See adv index at end of book*
Kiefer Karl Machine Co. (For Laboratory Use), 919 Martin, Cincinnati, O.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
KOVEN, L. O. & BRO., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Krajewski-Pesant Corp., 50 Broad, New York
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Louisville Drying Machine Co., Louisville, Ky.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Love Bros. (For Glucose), Aurora, Ill.
Merrill Metallurgical Co. (Slime), 121 2d, San Francisco, Cal.
Moore Filter Co. ("Moore," Slime Process), 50 E 42d, New York
Moore Sam'l L. & Sons (Hydraulic), Elizabeth, N. J.
Morgan Engineering Co. ("Morgan" Hydraulic), Alliance, O.
Nelson Alfred W., 183 Snyder av, Brooklyn, N. Y.
Perkins Machine Co. (For Heavy Flanging), Warren, Mass.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Wickes Bros., Saginaw, Mich.
Wood Wm. H. (Sectional), Media, Pa.

11540—Presses (Folding & Seaming)

Slayman & Co. ("Slayman" Duplex, for Can Makers), 801 E Pratt, Baltimore, Md.

11541— Presses (Foot)

AMERICAN CAN CO. (Machinery Dept.), (Pendulum Floor or Bench), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Atlas Machine Co., Waterbury, Conn.
Ayars Machine Co. (For Can Making, etc), Salem, N. J.
Baird Machine Co., Bridgeport, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chapman W. H. (Jewelers), 229 Mulberry, Newark, N. J.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Cook Thos. W. G., 83 Walker, New York
Draher John, Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (Toggle Lever, Sheet Metal, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Loyd John Co., 124 Baxter, New York
Manville E. J. Machine Co. (Single), Waterbury, Conn.
Meriden Press & Drop Co. ("Merrimac"), Meriden, Conn.

PRESSES (FOOT)—continued

Metal Package Corp. of N. Y. (Pendulum, Floor or Bench), 509 5th av, New York *See adv index at end of book*
Michigan Press Co., Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Partridge E. O., 2039 W Lake, Chicago, Ill.
Perkins Machine Co., Warren, Mass.
QUADRIGA MFG. & SPECIALTY CO., 218 W Grand av, Chicago, Ill. *See adv index at end of book*
Rockford Iron Works (Inclinable), Rockford, Ill.
Rowbottom Machine Co. ("Rowbottom" Waterville, Conn.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Seattle-Astoria Iron Works (Die Presses, for Salmon Canneries, etc), Seattle, Wash.
SHUSTER F. B. CO. (Toggle, Double & Pendulum Lever), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Slaysman & Co. (Can Makers', etc.), 801 E Pratt, Baltimore, Md.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor & Fenn Co. (Spring), Hartford, Conn.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11542—Presses for Lining Service Pipe with Cement

Union Water Meter Co., Worcester, Mass.

11543— Presses (Forcing)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co. ("H-P-M"), Mount Gilead, Ohio
Lourie Hydraulic Press Co., Springfield, Ill.
Lucas Machine Tool Co. ("Lucas"), 524 E 99th, Cleveland, O.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S. 4th, Phila., Pa.
Treadwell Engineering Co., Easton, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Weaver Mfg. Co. ("Weaver"), Springfield, Ill.

Presses (Forging)

See Presses, Drop; Presses, Hydraulic; Presses, Power; Hammers, Drop; Forging Machines

11544—Presses (Forging, Steam-Hydraulic)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Mesta Machine Co. ("Haniel & Lueg" Quick-Acting), Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
United Engineering & Foundry Co. ("Davy Bros." High Speed), Farmers' Bank bldg, Pittsburgh, Pa.

11545— Presses (Forming)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
HENRY & WRIGHT MFG. CO., ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Verdin, Kappes & Verdin Co., Cincinnati, Ohio

11546— *Presses (Friction, Dial Feed)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11547— Presses (Fruit)

See also Presses, Wine & Cider

Brohard Co., 3d & Lehigh av, Phila., Pa.
Cevasco, Cavagnaro & Ambrette, Inc. (Hand Presses Only), 156 6th, Brooklyn, N. Y.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Fanner Mfg. Co. ("Arctic," Hand), Cleveland, O.
Gray Iron Foundry Co., Reading, Pa.
Griswold Mfg. Co., Erie, Pa.
Hydraulic Press Mfg. Co. ("Mount Gilead"), Mount Gilead, Ohio
Independent Register & Mfg. Co., 713 Frankfort, Cleveland, O.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
New Standard Hardware Works, Inc., Mount Joy, Pa.
Schriver O. P. & Co., 621 E Pearl, Cincinnati, O.
Silver & Co. ("Henis"), 304 Hewes, Brooklyn, N. Y.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Teller R. K. (Hand, Fruit, Vegetable, etc.), Unadilla, N. Y.
Thurnauer G. M. Co. (For Family Use), 6 E 20th, New York
Vogel Wm. & Bros. ("Henis"), 37 S 9th, Brooklyn, N. Y.
Wagner Mfg. Co., Sidney, Ohio
Wrightsville Hardware Co. ("Brighton" for Family Use), Wrightsville, Pa.

11548—Presses (Gang Tool)

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Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
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11549— Presses (Garbage)

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KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*

11550— Presses (Gilding)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

11551— Presses (Glass)

Miller Machine & Mould Works (Automatic), Columbus, O.
Sommerfeld Machine & Mfg. Co., 216 2nd av, Pittsburgh, Pa.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

11552—— Presses (Glue)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*

11553— *Presses (Grease)

Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11553a—*Presses (Gun Powder)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11554— Presses (Ham)

Wolf, Sayer & Heller ("Victor"), Fulton & Peoria, Chicago, Ill.

11555— Presses (Hand)

Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Holmes Bros., 440 N. Sacramento, Chicago, Ill.
Logemann Bros. Co. (Baling for Rags, Waste Paper, etc). 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Woodall Mfg. Co. ("Money Saver" Waste Paper, Rags & Hay), 500 Taylor, Davenport, Ia.

11556—Presses (Hand, for Rubber Mfrs.)

DUNNING & BOSCHERT PRESS CO., INC. (also Power), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
WILLIAMS FOUNDRY & MACHINE CO. Akron, O. *See adv index at end of book*

11557—Presses (Hand Screw)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Disston Hy. & Sons (For Punching, Slotting, Shearing, etc), Tacony, Phila., Pa.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11558—Presses (Harness & Saddlers')

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

Presses (Hay)

See Presses, Baling & Hay

11559— Presses (Hogshead)

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Rochester Barrel Machine Works, Rochester, N. Y.

11560— *Presses (Hop)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11561— Presses (Horizontal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Standard Machinery Co., Providence, R. I.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11562— Presses (Horn)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11563—Presses (Horning & Wiring)

AMERICAN CAN CO. (Machinery Dept.), (For Can Makers', etc), Monroe bldg, Chicago, Ill. *See adv index at end of book*
AMS MAX MACHINE CO ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
McCall Machine Works ("Baxendale" Cutting, Horning & Wiring), Rochester, N. Y.
Metal Package Corp. of N. Y. (For Can Makers Only), 509 5th av, New York *See adv index at end of book*
Morey & Co., Inc., 410 Broome, New York
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Slaysman & Co. (For Can Makers), 801 E Pratt, Baltimore, Md.
Standard Machinery Co., Providence, R. I.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
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Wold, Torris & Co., 240 N. Ashland av, Chicago, Ill.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11564— Presses (Hot Plate)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Hydraulic Press Mfg. Co. (For Hot Pressing & Vulcanizing), Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Smith Drum & Co. (For Hosiery & Underwear), Allegheny av & 5th, Phila., Pa.
Turner Tanning Machy. Co. ("Turner" Power), Peabody, Mass.

11564a—*Presses (Hot & Cold)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co. (Hydraulic), 1128 S. 4th, Phila., Pa.

11565-6—Presses (Hydraulic)

ADAMSON MACHINE CO. (For Rubber Mfrs.), Akron, O. *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
Alliance Machine Co., Alliance, O.
Am. Machine & Foundry Co. (For Cotton Seed, etc), Atlanta, Ga.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Bethlehem Steel Co. (Of All Descriptions), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co. (To Specifications), Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
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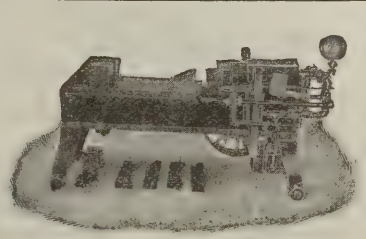
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Davis-Johnson Mfg. Co., 4811 W Jackson, Chicago, Ill.
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Holyoke Machine Co., Holyoke, Mass.
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Kane & Roach, Syracuse, N. Y.
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
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Metalwood Mfg. Co., Lieb & Wight, Detroit, Mich.





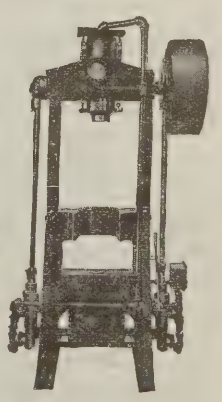
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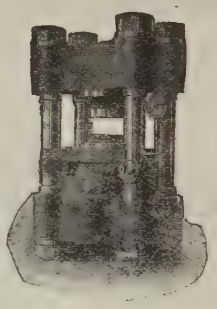
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Platt Iron Works Co. (For Oils, Castor Bean, Corn Oil, Hard Wax, etc), Dayton, O.
Progress Mach. Works, 512 N. La Salle av, Chicago, Ill.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Robertson John & Co. (For Making Lead Pipe, Block Tin Pipe, Solder Wire, Trap & Bends, Lead Incasing Electric Conductors, Silversmiths & Jewelers' Use, Automobile Metal, Body Presses, Phonograph Record Presses, etc), 183 Water, Brooklyn, N. Y.
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Thomas Albright Co. (For Tankage, Tallow, Leather, etc), Goshen, Ind.
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Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Treadwell Engineering Co., Easton, Pa. *See adv index at end of book*
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Van Atta & Co., Inc., Olean, N. Y.
Vaughn Co. (For Rubber Mfrs.), Cuyahoga Falls, O. *See adv index at end of book*
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11568—Presses (Hydraulic Crank Pin)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Portable), 400 Chestnut, Phila., Pa.

11569—Presses (Hydraulic Flanging)

See also Flanging Machines

Aldrich Pump Co., Allentown, Pa.
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Bethlehem Steel Co., South Bethlehem, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
LOURIE HYDRAULIC PRESS CO., Springfield, Ill. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 111 B'way, New York
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11570—Presses (Hydraulic Forcing)

See also Presses, Forcing

Chambersburg Engineering Co. (For Bushings, etc), Chambersburg, Pa. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Treadwell Engineering Co., Easton, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11571—Presses (Hydraulic Forging)

See also Forging Machines

Aldrich Pump Co., Allentown, Pa.
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
ELMES CHAS. F. ENGINEERING WKS., cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 111 B'way, New York
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Treadwell Engineering Co., Easton, Pa.
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United Engineering & Foundry Co. ("Davy Bros" Patent High-Speed Steam-Hydraulic for Forging, Shearing & Pressing), Keenan bldg, Pittsburgh, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
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Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11574—Presses (Hydraulic Leather Belting)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Thomas Albright Co., Goshen, Ind.

11575—*Presses (Hydraulic Macaroni)

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Elmes Chas. F. Engineering Works, cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11576—Presses (Hydraulic Pipe Bending)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11577—Presses (Hydraulic Portable)

Aldrich Pump Co., Allentown, Pa.
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Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11578—Presses (Hydraulic Pulley)

Bethlehem Steel Co., South Bethlehem, Pa.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11579—*Presses (Hydraulic Pulling)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, I.. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

Presses (Hydraulic Rubber Vulcanizing)

See Presses, Vulcanizing

11580—Presses (Hydraulic Spring Bending)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Presses (Hydraulic Wheel)

See Presses, Car Wheel

11581—Presses (Hydrostatic Wheel)

Bethlehem Steel Co., South Bethlehem, Pa.
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Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, I.. *See adv index at end of book*
Filer & Stowell Co. (Hydraulic), Milwaukee, Wis.
Lobdell Car Wheel Co., Wilmington, Del.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
McCall Machine Works, Rochester, N. Y.
Niles-Bement-Pond Co., 111 B'way, New York
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11582— Presses (Inclinable)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Meriden Press & Drop Co., ("Merriman"), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WORKS (Power), Buffalo, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Rockford Iron Works ("Rockford"), Rockford, Ill.
Standard Machinery Co., Providence, R. I.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Willard Middletown Machine Co. (Power), Covington, Ky.
Wold, Torris & Co. (Power, for Can Makers, etc), 240 N Ashland av, Chicago, Ill.

11582a—*Presses (Indenting)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11582b—*Presses (Insulation Material)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11583— *Presses (Jute)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*

Presses (Knit Goods & Hosiery)

See Clothes Pressing Machines

11584—Presses (Knock Screw)

Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp Wm. R. & Sons Co., Trenton, N. J.

11585—Presses (Knuckle Joint)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Standard Metalwork Co., Thompsonville, Conn.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11586— Presses (Knurling)

V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.

11587—*Presses (Laboratory)

Dunning & Boschert Press Co., Inc., 379 Water, Syracuse, N. Y. *See adv index at end of book*
ELMES CHAS. F. ENGINEERING WKS., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11588—Presses (Lard & Tallow)

Allbright-Nell Co. (For Lard & Oil Refining), 5315 Western av, Chicago, Ill.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*
Brecht Co. (Hydraulic Tankage), 1201 Cass av, St. Louis, Mo.
Donaldson Bros., Mount Clemens, Mich.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Enterprise Mfg. Co. of Pa., N 3d & Dauphin, Phila., Pa.
Griswold Mfg. Co. (Lard Only), Erie, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lansing Co. (Hand), Lansing, Mich.
Schriver O. P. & Co., 621 E Pearl, Cincinnati, O.
Silver Mfg. Co. (Lard), No. 256, Salem, O.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thomas Albright Co. (Hydraulic), Goshen, Ind.
Wagner Mfg. Co., Sidney, Ohio
WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

11588a— *Presses (Lead)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Southwark Foundry & Machine Co. (Lead Pipe, etc.), 1128 S. 4th, Phila., Pa.

11588b—*Presses (Lead Seal)

MORRILL CHAS. ("Apex"), 100 Lafayette, New York *See adv index at end of book*
Porter Safety Seal Co., 163H W. Harrison, Chicago, Ill.

11589— Presses (Leather)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes Chas. F. Engineering Works (Leather Stretching), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Quirin Leather Press Co., Olean, N. Y.
Randall J. D. Co. (For Harness & Horse Collar Mfrs., etc), 610 W Court, Cincinnati, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Thomas Albright Co. (Hydraulic for Pressing Out Moisture), Goshen, Ind.
Woodall Mfg. Co. ("Money Saver" Scrap), 500 Taylor, Davenport, Ia.

11590-1— Presses (Lever)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Leffler Chas. & Co. ("On Table," Toggle Lever Foot), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. 7th & O'Fallon, St. Louis, Mo.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11592—Presses (Linseed Oil)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*
Buckeye Iron & Brass Works, Dayton, O.
Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
French Oil Mill Machinery Co., Piqua, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Platt Iron Works Co., Dayton, O.

11593—Presses (Lithographers')

Babcock Printing Press Mfg. Co., New London, Conn.
Cottrell C. B. & Sons Co., Westerly, R. I.
Fuchs & Lang Mfg. Co., 119 W 40th, New York
Hall Printing Press Co., Dunellen, N. J.
Harris Automatic Press Co. (Rotary Off Set), E 71st, Cleveland, O.
Hoe R. & Co., 504 Grand, New York
Premier & Potter Printing Press Mfg. Co., Shelton, Conn.
Scott Walter & Co. (Offset), Plainfield, N. J.
Wagner Chas. Machy. Co., Inc., 587 Hudson, New York

11593a— Presses (Machine)

Terkelsen & Wennberg ("T. & W." Semi-Automatic for Moulding Electrical Insulation), 328 A, Boston, Mass.

Presses (Mandrel)

See Presses, Arbor

11594—Presses (Meat Juice)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Osborne C. S. & Co. ("Osborne"), Box 183, Newark, N. J. *See adv index at end of book*

11594a—*Presses (Metal Drawing)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11595— *Presses (Mica)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
ELMES CHAS. F. ENGINEERING WKS., cor Fulton & Sangamon, Chicago, Ill.

11596— Presses (Moisture)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*

Presses (Molding)

See Molding Machines, Foundry

11597—Presses (Multiple Punching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Michigan Press Co., Ypsilanti, Mich.

11597a—*Presses (Nosing)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11598— Presses (Oleo)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11599— Presses (Olive Oil)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11600—Presses (Paper Box Cutting & Creasing)

Beck Chas Machine Co., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

11601—Presses (Peanut Oil)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*
Buckeye Iron & Brass Works, Dayton, O.
Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11602— Presses (Perforating)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
HENRY & WRIGHT MFG. CO. ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Slaysman & Co., 801 E Pratt Baltimore, Md.

11603—*Presses (Pickeye Forging)

BLISS E. W. CO., 19 Adams, Brooklyn, *See adv index at end of book*
California Tool Works, 181 Beale, San Francisco, Cal.

11604—Presses (Pipe Straightening)

Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
United Engineering & Foundry Co. (For 6 to 12 inch Pipe), Farmers' Bank bldg, Pittsburgh, Pa.

11605— Presses (Platen)

DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Lobdell Car Wheel Co., Wilmington, Del.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
McCall Machine Works, Rochester, N. Y.
Miller Saw-Trimmer Co. (Feeders), Point bldg., Pittsburgh, Pa.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

11605a—*Presses (Playing Card)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11606— Presses (Potato)

Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.

11607—Presses (Pottery Printing)

Logan Edw. Mach. Co. (Hand), Trenton, N. J.

11608— Presses (Power)

Adriance Machine Works (Sheet Metal, etc.), 80 Richards, Brooklyn, N. Y.
Alliance Machine Co. (Armature, Forging, Punching, etc), Alliance, O.
AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel" Patterns for Can Makers, etc), **Monroe bldg, Chicago, Ill.** *See adv index at end of book*
AMS MAX MACHINE CO. ("Ams") 101 Park av, New York
Anderson Machine & Foundry Co., Anderson, S. C.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Atlas Machine Co., Waterbury, Conn.
Automatic Machine Co., Bridgeport, Conn.
Ayars Machine Co. (For Can Making, etc), Salem, N. J.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bertsch & Co. (Geared Punch, etc), Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birch & Birch (Blanking for Sheet Metal), Crawfordsville, Ind.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brown F. S. & G. L. Machine Co., 26 E. Fort av, Baltimore, Md.
Buffalo Forge Co. (Shearing Metal), 490 B'way, Buffalo, N. Y.
Cady Machine Co., Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair, N E, Cleveland, O.
Cleveland Stamping & Tool Co., E 53d & Hamilton, Cleveland, O.
Cook H. C. Co. (Light Weight), 100-120 Jewett, Ansonia, Conn.
Cook Thos. W. G., 83 Walker, New York
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Curtis & Marble Machine Co., Worcester, Mass.
Draher John, Waterbury, Conn.
Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Enterprise Machinery Co. Inc., 32-34 S Clinton, Chicago, Ill.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Falstrom & Tornquist Co. (For Corrugating Sheet Metal), Passaic, N. J.
Ferracute Machine Co., Bridgeton, N. J.
Frankford Foundry & Machine Works (Forgings & Punching), Widener bldg, Phila., Pa.
Garrison A. Foundry Co. (For Rolling Mills, etc), 901 Bingham, Pittsburgh, Pa.
Grote F. Co. (For Tobacco), Evansville, Ind.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Kane & Roach, Syracuse, N. Y.
Kling Bros., Engineering Works, 1300 N Kostner av, Chicago, Ill.
Leffler Chas. & Co. (Sheet Metal Cans, Tinware, etc, in Ten Sizes), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Lippert & Rhenstrom, Kenosha, Wis.
Littell F. J. Machine Co. (Attachments For), 4125-7 Ravenswood av, Chicago, Ill. *See adv index at end of book*

We specialize on Roll Feeds, Dial Feeds and Special Feeds for all makes of Punch Presses.

F. J. LITTELL MACHINE CO.

4125-4127 Ravenswood Ave., Chicago, Ill.

Logemann Bros. Co. (Cutting), 3130 Burleigh, Milwaukee, Wis.
Loshbough & Jordan Tool & Machine Co., Elkhart, Ind.
LOURIE HYDRAULIC PRESS CO., Springfield, Ill. *See adv index at end of book*
Loyd John Co., 124 Baxter, New York
Lucas Machine Tool Co. ("Lucas" Power **Forcing), 524 E 99th, Cleveland, O.**
McDonald Machine Co., 3207 Shields av, Chicago, Ill.
McSherry Mfg. Co. (Punching), Pittsburgh, Pa.
Magutchan Roller Bearing Co., 35 W Lake, Chicago, Ill.
Manville E. J. Machine Co. (Single & Double Acting), Waterbury, Conn.
Massilon Foundry & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman" Punching), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Nilson A. H. Machine Co. ("Special"), Bridgeport, Conn.
Ohl Geo. A. & Co. (For Sheet Metal Workers), 159 Oraton, Newark, N. J.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Partridge E. O. (Foot Punch), 2039 W Lake, Chicago, Ill.
Pawtucket Mfg. Co., Pawtucket, R. I.
Perkins Machine Co. (Punching, Forging, Dial, etc), Warren, Mass.
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W. Lake, Chicago, Ill.
Richard Mfg. Co., Bloomsburg, Pa.
Robinson J. M. Mfg. Co., 3232 Spring Grove av, Cincinnati, O.
Rockford Iron Works ("Rockford," High Duty), Rockford, Ill.
Rowbottom Machine Co. ("Rowbottom Yankee" Bench), Waterville, Conn.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Seattle-Astoria Iron Works (Die Presses for Salmon Canneries, etc), Seattle, Wash.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Sheridan T. W. & C. B. Co. (Cutting), 434 B'way, New York
Slaysman & Co. (Can Makers, etc), 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co. (Metal Working), 1128 S. 4th, Phila., Pa.
Springfield Machine Tool Co., Springfield, Ohio
Standard Machinery Co. (Single & Double Acting), Providence, R. I.
Standard Metalwork Co., Thompsonville, Conn.
Stoll D. H. Co. (For Sheet Metal, etc), Buffalo, N. Y.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N. W., Cleveland, O.
Swaine Fred J. Mfg. Co. (Punching), 7th & O'Fallon, St. Louis, Mo.
Toledo Foundry & Machine Co., Dept H, Toledo, O.
Toledo Machine & Tool Co. ("Toledo"), (Double Geared), Toledo, O.
Torrington Mfg. Co. (Single or Double Action Cam or Crank), Torrington, Conn.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburgh, Pa.
V. & O. Press Co., Dry Harbor rd, Glendale Sta., N. Y.
Verdin, Kappes & Verdin Co. (Punching, Hand Operated Safety Clutch Trips), Cincinnati, O.
Vulcan Mfg. Co., 3140 S. Canal, Chicago, Ill.
Walsh Press & Die Co. (Double Crank Dies & Inclinable Open Back), 4709 W Kinzie, Chicago, Ill.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wells Frank L. Co. (Multiple Power Punching), Kenosha, Wis.
Wilcox Mfg. Co. (Horn Punch), 4824 W Lake, Chicago, Ill.
Willard Middleton Machine Co., Covington, Ky.
Williams White Co., Moline, Ill.
Zeh & Hahnemann Co. (Inclinable, Straight sided. etc), Vanderpool, Newark, N. J.

11609-10—Presses (Power Forcing)

See also Presses, Forcing

Lucas Machine Tool Co. ("Lucas"), 524 E 99th, Cleveland, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11611—Presses (Printers' Proof)

Chandler & Price Co. (Galley), 6000 Carnegie av, Cleveland, O.
Damon Geo. & Sons, 44 Beekman, New York
Premier & Potter Printing Press Co. ("Potter" "Poco"), Shelton, Conn.

Presses (Printing)

See Printing Presses & Machinery

11612—Presses (Printing & Embossing)

National Machine Co. ("Hartford," Cutting & Creasing & "Hartford" Embossing), Hartford, Conn.

11613—Presses (Projectile or Shell Banding, Hydraulic)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Mesta Machine Co. (Shell Banding), Box 1124, Pittsburgh, Pa.
See adv index at end of book
West Tire Setter Co., Rochester, N. Y.

11613a— Presses, (Proof)

Challenge Machinery Co. ("Challenge"), Grand Haven, Mich.

Presses (Punching)

See Presses, Power

11614—Presses (Punching, Hand Power)

Braun J. G., 609 S Paulina, Chicago, Ill.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

11615—Presses (Rail Straightening)

Alliance Machine Co., Alliance, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Kane & Roach, Syracuse, New York
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co. ("Davy Bros."), Farmers Bank bldg, Pittsburgh, Pa.

11616— Presses (Reducing)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11617— Presses (Riveting)

Alliance Machine Co., Alliance, O
Ferracute Machine Co., Bridgeton, N. J.
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
SOUTHWARK FOUNDRY & MACHINE CO. (Hydraulic & Pneumatic), 1128 S. 4th, Phila., Pa.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Williams, White & Co. (Horizontal), Moline, Ill.

11618— Presses (Roll Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
HENRY & WRIGHT MFG. CO. ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*

11619— Presses (Rotary)

Kidder Press Co. (All Kinds), Dover, N. H.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Pittsburgh Machine Tool Co. ("Curtis"), Corey, Pittsburgh, Pa.
Standard Envelope Co. (Automatic), 257H Diamond, Phila., Pa.

11620— Presses (Rubber)

Blymyer Iron Works Co. (For Pressing Crude Rubber Boles), Cincinnati, O.
Camden Iron Wks., Camden, N. J.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Southwark Foundry & Machine Co. (Hydraulic), 1128 S. 4th, Phila., Pa.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

11621—Presses (Salt Compressing)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

11622—Presses (Scrap Metal)

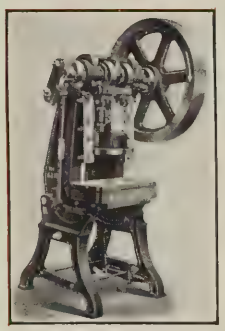
See also Presses, Baling, Metal Scrap

Chicago Baling Press Mfg. Co. ("New Standard"), 305 S. La Salle, Chicago, Ill.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Famous Mfg. Co. (Pressed into Cubes), East Chicago, Ind.
Galland-Henning Mfg. Co., 97 Wisconsin, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

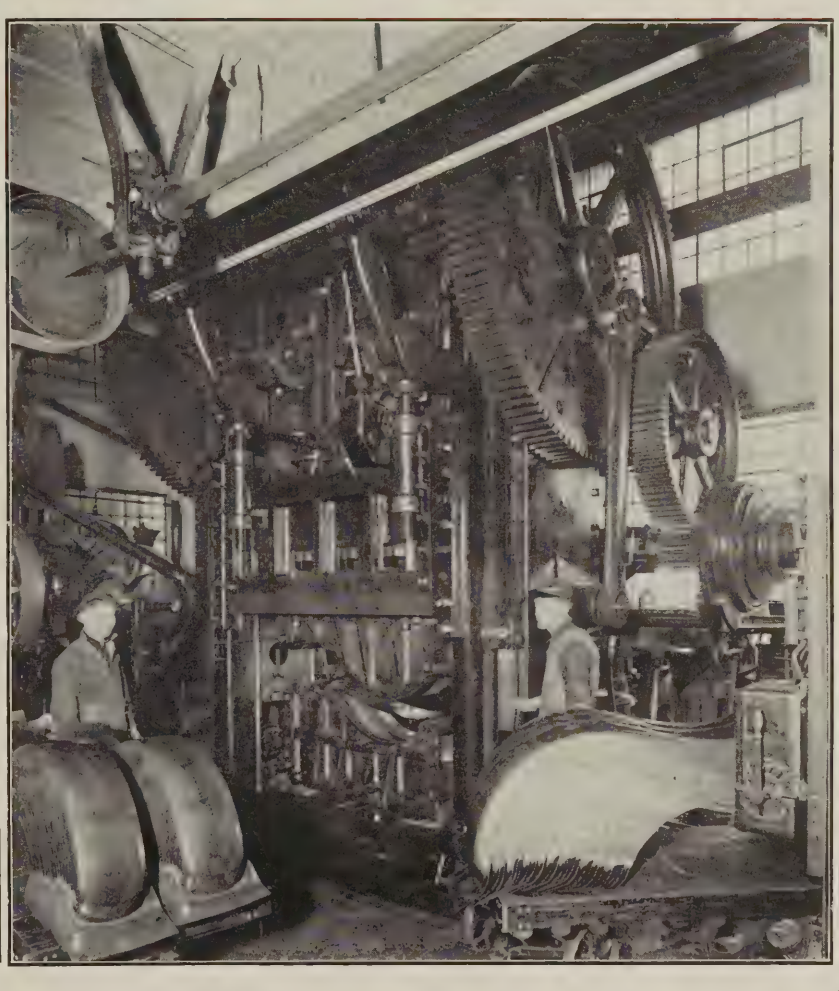
POWER "BLISS" PRESSES

DIES-SHEARS
Double Seamers

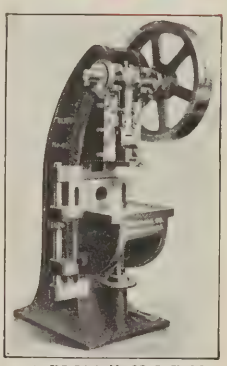
DROP HAMMERS
Special Machinery



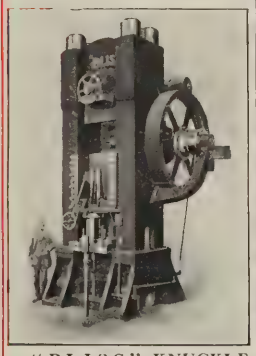
"BLISS" DOUBLE-ACTION PRESSES—Built in 20 sizes, weighing from 750 to 32,000 lbs. Used in cutting and drawing shells in tin, brass, zinc, copper, aluminum and steel.



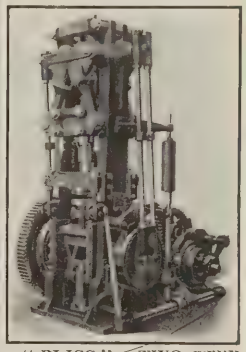
"BLISS" No. 410-B DOUBLE-CRANK TOGGLE DRAWING PRESS—Making fenders in the Studebaker plant at Detroit. Representative of a large and varied line adapted to the production of automobile parts.



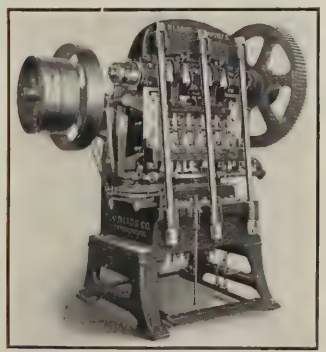
"BLISS" HORNING AND WIRING PRESSES—18 sizes and several styles, some of them with automatic die slide for work up to 24 inches diameter. Weights, 1,100 to 7,500 lbs.



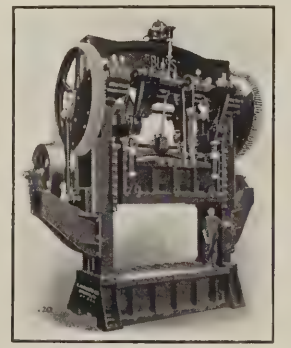
"BLISS" KNUCKLE JOINT EMBOSSING PRESSES—Built in 9 sizes for pressures ranging from 100 to 1,500 tons. One-piece frames on smallest sizes. Built up, tie-rod frames on largest.



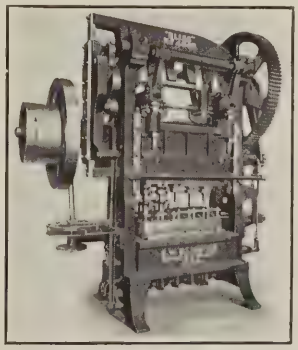
"BLISS" TWO-STEP TOGGLE DRAWING PRESSES—Built in 5 sizes and 2 styles. For drawing and re-drawing shells from all kinds of sheet metal, performs two operations in one. Weights, 18,000 to 70,000 lbs.



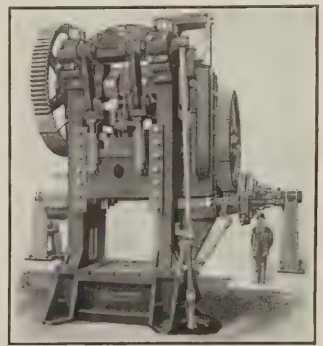
"BLISS" AUTOMATIC PRESS—For the rapid and economical production of articles which require a series of operations to be performed. Built with 4 or 5 punch slides. Weight, as shown, 8,500 lbs.



"BLISS' DOUBLE-CRANK TOGGLE DRAWING PRESSES—Built in 40 sizes, adapted for heavy drawing and forming of large articles. Weights, 15,000 to 325,000 lbs.



"BLISS" DOUBLE-CRANK TOGGLE DRAWING PRESS WITH AUTOMATIC FEEDS—This type of press is specially adapted for the rapid and economical production of articles which require a series of operations.



"BLISS" TOGGLE DRAWING PRESSES—Built in over 20 sizes, weighing from 5,600 to 165,000 lbs. For drawing shells from all kinds of sheet metal.

E. W. BLISS CO., BROOKLYN, N. Y. - LONDON - PARIS



"STILES" AUTOMATIC DROP HAMMERS—Built in 15 sizes. Adapted for forging or stamping. Hammers weigh from 100 to 3,000 lbs.



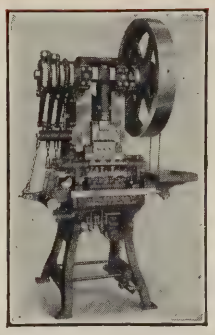
"BLISS" POWER PRESSES — Nos. 29, 30 and 30-N, weighing from 3,000 to 5,400 lbs., also built with gearing. Adapted for many operations in the manufacture of pieced tinware, ironware, etc.



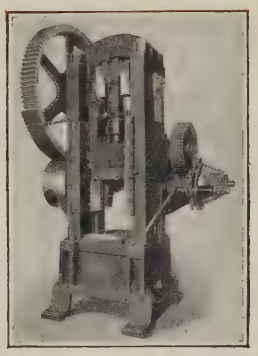
"STILES" PUNCHING PRESSES—11 sizes, weighing from 550 to 13,000 lbs. Adapted for the manufacture of general hardware, electrical goods, etc.



"BLISS" INCLINABLE POWER PRESSES—18 sizes, weighing from 500 to 8,000 lbs., either as "Fly-wheel" or "Geared" Presses. Adapted for tin, sheet-brass, sheet-steel work, etc.

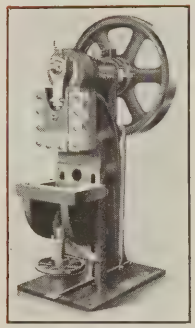


AUTOMATIC FEEDS—The illustration shows press with friction dial and lateral feeds. As arranged the press performs four operations simultaneously at each stroke.

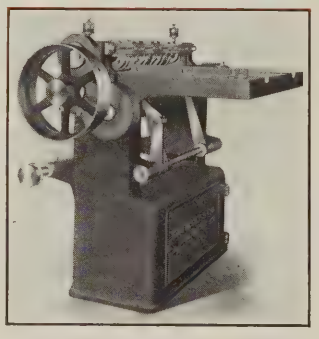


"BLISS" REDUCING PRESSES — For reducing cups or shells previously cut and formed in double-action presses, and for drawing and forming. Many sizes.

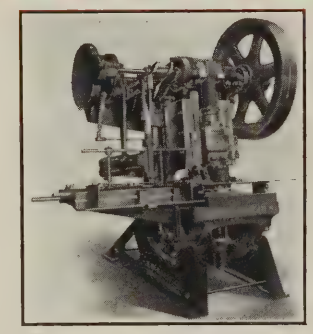
SHEET METAL WORKING MACHINERY



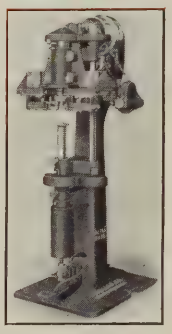
"STILES" ADJUSTABLE - BED PRESSES—Built in 4 sizes, as Fly-wheel or Geared Presses. Weights, 2,300 to 10,500 lbs. Adapted for forming and bending operations and for work requiring a longer stroke than is practicable on the "Stiles" standard pattern of press.



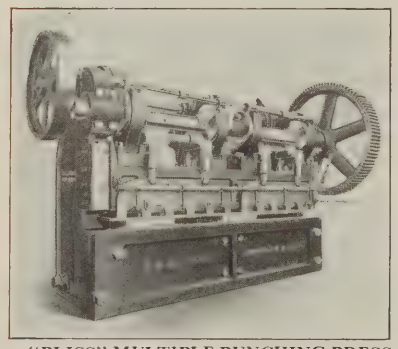
"BLISS" GANG SLITTERS—We build these machines in a large number of sizes for various widths and thicknesses of stock. The machine illustrated will trim sheets 32" in width, and slit strips down to 2" in width. We guarantee the machine to slit "dead true."



CAN-MAKING MACHINERY—The press illustrated above is built in 6 sizes. It automatically cuts from strips the tops and bottoms used for both Sanitary and Packers' cans.



"BLISS" DOUBLE-SEAMERS—Built in over 30 different types and sizes, weighing from 275 to 7,500 lbs. For double-seaming the tops and bottoms on articles of square, round, oval and irregular shapes.



"BLISS" MULTIPLE PUNCHING PRESS—One of a number of styles and sizes. Shown equipped with certain special features—eccentric slide adjustment, hand actuated friction clutch and gag attachment for double row of dies and punches.

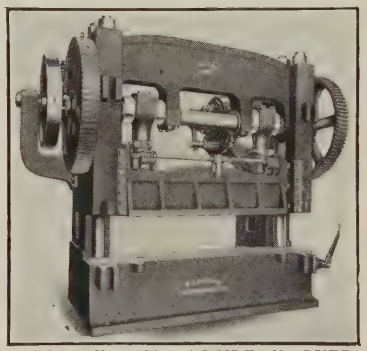
Catalogues on Request

Section

1. Clutches and Slide Connections.
2. "Bliss" Inclinable Power Presses.
3. Overhanging and Arch Power Presses.
4. Horning, Wiring and Lock-Seaming Presses.
5. "Stiles" Punching Presses.
6. Straight-Side, Embossing and Reducing Presses.
7. Trimming Presses—Single- and Double-Crank, Straight-Side and Overhanging.
8. Drop Hammers.
9. Double-Crank Presses.
10. Perforating Presses and Multiple Punches.
11. Cam and Toggle-Drawing Presses and Spinning Lathes.

Section

12. Automatic Feeds and Presses with feeds.
13. Foot and Screw Presses.
14. Trimming, Beading, Wiring, Flanging and Thread-Rolling Machines.
15. Double-Seaming Machines.
16. Shears and Slitters.
17. Horse-Shoe Machinery, Double - Edging Machines, Wire-Ring Machines, Smoothing Rolls, Formers and Beaders, Special Machinery.
18. Automatic Can-Making Machinery.
19. Petroleum Can Machinery.



"BLISS" AND "STILES" OVERHANGING DOUBLE-CRANK PRESSES—Built in over 100 different types and sizes, weighing from 2,300 to 280,000 lbs. For heavy blanking, stamping and punching of large dimensions, etc.

E. W. BLISS CO.

Main Offices: BROOKLYN, N. Y., U. S. A.

American Factories: BROOKLYN, N. Y., HASTINGS, MICH., CLEVELAND, O., SALEM, O.

1857 — 1922

SALES OFFICES

CHICAGO, Peoples Gas Bldg. NEW HAVEN, Second National Bank Bldg. DETROIT, Dime Bank Bldg. CLEVELAND, Union Bank Bldg. CINCINNATI, Union Trust Bldg. BUFFALO, Marine Bank Bldg. ST. LOUIS, Boatmen's Bank Bldg. PITTSBURGH, Keenan Bldg.

FOREIGN SALES OFFICES and FACTORIES

LONDON, ENGLAND, Pocock Street, Blackfriars Road, S. E. PARIS, FRANCE, 100 Boulevard Victor-Hugo, St. Ouen.

11623— Presses (Screw)

AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel" Hand & Power), Monroe bldg, Chicago, Ill.
See adv index at end of book
American Process Co. (Automatic, Continuous), 68 William, New York
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Barnes W. F. & John Co. ("Barnes" Adjustable for Machine Shops), Rockford, Ill.
Bates Elevator Co., 211 Preston, Baltimore, Md.
Bender Ph. J. & Sons, 87 Frankfort, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cook Thos. W. G., 83 Walker, New York
Dennis John Machine Co. (For Hot Pressing), Lowell, Mass.
DUNNING & BOSCHERT PRESS CO. INC. (Power), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
ELMES CHAS. F. ENGINEERING WKS., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Lovewell-Henrici Co., Chelsea, Mass.
Loyd Jno. Co., 124 Baxter, New York
Manhattan Machine & Tool Works (For Testing Dies), Grand Rapids, Mich.
Metal Package Corp. of N. Y. ("Rudolphi & Krummel" Hand & Power), 509 5th av, New York
See adv index at end of book
Nashua Steam Presses & Boiler Wks., Nashua, N. H.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Perkins Machine (Hand & Power), Warren, Mass.
Perrin Wm. R. & Co., 37 W. Van Buren, Chicago, Ill.
Philadelphia Drying Machinery Co. ("Hurricane," Power), 3351 Stokley, Phila., Pa.
Pruyn David H. Co., 131 Columbus av, Boston, Mass.
Renneburg E. & Sons Co. (Continuous), 2639 Boston, & Lakewood, Baltimore, Md.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Smith, Drum & Co. (Power), Allegheny av & 5th, Phila., Pa.
Standard Machinery Co., Providence, R. I.
Standard Metalwork Co., Thompsonville, Conn.
Stecher Chas. Co. (Arch Screw for Testing Out All Kinds of Cutting, Stamping, Embossing & Forming Dies), 1588 Crossing, Chicago, Ill.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Arch, etc.), 7th & O'Fallon, St. Louis, Mo.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11624— Presses (Seal)

American Stamp Mfg. Co., 85 John, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Dickey Grabler Works, W Madison & 103rd, Cleveland, Ohio
Gibson A. C. Co. (Car, Corporation, Notary, etc), Buffalo, N. Y.
Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinckner Co., 369 Market San Francisco, Cal.
Morrill Chas. ("Morrill" & "Apex" (For impressing lead seals), 100 Lafayette, New York
See adv index at end of book
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker T. M., Hartford, Conn.
Porter Safety Seal Co. (For Bag & Packing), 163H W. Harrison, Chicago, Ill.
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Sigwalt Mfg. Co. ("Sigwalt," "Star," "Maas," "Lion Head," "Long Reach," "County," "Consular," "Jewell"), 3658 Armitage, Chicago, Ill.
Smith R. H. Mfg. Co. ("Bay State"), Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 B'way, New York
Universal Stamp Works, 252 Market, Newark, N. J.
Utica Drop Forge & Tool Co., Utica, N. Y.

Presses (Sewer Pipe)

See Sewer Pipe Machinery

11625—Presses (Shaft Straightening)

See also Shaft Straightening Machines
Also Presses, Straightening

Brightman Mfg. Co., Columbus, O.
Logemann Bros. Co. (Also Pipe & Bar), 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Metalwood Mfg. Co., Leit & Wright, Detroit, Mich.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11626— Presses (Sheepskin)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Thomas Albright Co. (Hydraulic), Goshen, Ind.

11627—Presses (Sheet Metal Working)

See also Sheet Metal Workers' Machines & Tools

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HENRY & WRIGHT MFG. CO. ("Wright"), 760 Windsor, Hartford, Conn. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Leffler Chas. & Co. (Power), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
Perkins Machine Co., Warren, Mass.
Ryerson Joseph T. & Son, 2558 W. 16th,
See adv index at end of book
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11628— Presses (Shook)

Chase Turbine Mfg. Co. (Power Driven for Driving Together the Mortised Edges of Shooks on Boxes), Orange, Mass.

11629— Presses (Signature)

Century Rubber Stamp Works, 551 Pearl, New York
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Sheridan T. W. & C. B. Co., 434 B'way New York

11630—*Presses (Silver Refiners')

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, I..
See adv index at end of book

11631— Presses (Skein)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Williams, White & Co., Moline, Ill.

11632—Presses (Soap Makers')

See also Soap Makers' Machinery

Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Detroit Soap Co. ("Ralston"), Detroit, Mich.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin Aiken Co., 113 53d, Brooklyn, N. Y.
Machinery Designing & Mfg. Co. ("Dreadnought"), 656 Hudson, New York
Rutschman Oscar F. (For Toilet Soap), 1906 E Westmoreland, Phila. Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo N. Y.

11633— *Presses (Solder)

Donoghue James, Cleveland, O.
ELMES CHAS. F. ENGINEERING WKS., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Presses (Sprue)

See Cutters, Sprue, Foot & Power

11634—*Presses (Stagger Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11635— Presses (Stamping)

Adriance Machine Works ("Adriance"), 80 Richards, Brooklyn, N. Y.
Aldrich Pump Co., Allentown, Pa.
AMERICAN CAN CO., 120 B'way New York. *See adv index at end of book*
AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
Baird Machine Co., Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Carver C. R. Co., 20th & Clearfield, Phila., Pa.
East Iron & Machine Co., 351 E Market, Lima, O.
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
McCall Machine Works, Rochester, N. Y.
Metal Package Corp. of N. Y. ("Rudolphi & Krummel" Pattern for Can Makers, etc.), 509 5th av, New York
See adv index at end of book
Michigan Press Co., Ypsilanti, Mich.
Octigan Drop Forge Co. ("Octigan"), 2428 Lowe av, Chicago, Ill.
Slaysman & Co., 801 E Pratt, Baltimore, Md.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Sheet Metal), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo" Sheet Metal), Toledo, O.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11636— Presses (Starch)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WKS. INC., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Thomas Albright Co. (Hydraulic, for Lump Starch), Goshen, Ind.

11637—Presses (Stationers' Embossing)

See also Presses, Embossing

Carver C. R. Co., 20th & Clearfield, Phila., Pa.

11638—Presses (Steam, Hydraulic)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

PRESSES—Steam-Hydraulic and Hydraulic
For Forging, Bending, Punching Flanging, Shearing, Etc.
(Write for Bulletin L)
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburgh, Pa.

11639—*Presses (Steam, Hydraulic Bending)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

11640—Presses (Stearic Acid)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.
See adv index at end of book

11641— Presses (Stearine)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O. *See adv index at end of book*
Platt Iron Works Co. (Hydraulic), Dayton, Ohio

11641a— Presses (Steel Forming)

Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Henry & Wright Mfg. Co. ("Wright"), 760 Windsor, Hartford, Conn.
See adv index at end of book

11642—*Presses (Stiles Punching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11643—Presses (Straightening)

Dealano E. A. Co. (For Shafting), 1401 W North, Chicago, Ill.
Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Geier P. A. Co. ("Geier" Bench Sstraightening Press & Centers), Cleveland, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse") (For Round or Flat Stock), New Bedford, Mass.
Noyes B. B. Co. ("Little Giant" Bench Hand Power), Greenfield, Mass.
Southwark Foundry & Machine Co. (Rail Axle, Shaft, etc., Hydraulic), 1128 S. 4th, Phila., Pa.
Springfield Machine Tool Co. (Bench Straightening), Springfield, O.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

11643a— *Presses (Sub)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book

Presses (Sugar Filtering)

See Filters, Mechanical

11644— Presses (Tan Bark)

Turner Tanning Machinery Co. ("Turicer" for Tanneries), Peabody, Mass.

11645— Presses (Tankage)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11646—Presses (Ticket Printing)

Kidder Press Co. (Flat & Rewound Delivery), Dover, N. H.
Meisel Press Mfg. Co. (Transfers, Strip or Mileage), 942 Dorchester av, Boston, Mass.
Rand, McNally & Co., 538 S Clark, Chicago, Ill.
Wrigley Thos. Co. ("Wrigley" Patent Local), 504 Sherman), Chicago, Ill.

11647—Presses (Tile & Porcelain)

Elmes Chas. F. Eng. Wks Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Mueller Machine Co., Trenton, N. J.
Southwark Fdry. & Mach. Co. (Tile), 430 Wash. av, Phila., Pa.

11648— Presses (Tincture)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.

11649— Presses (Tin Printing)

Hoe R. & Co., 504 Grand, New York
Premier & Potter Printing Press Mfg. Co. (Rotary), Shelton, Conn.

11649a—Presses (Tip Printing & Embossing)

Rau Enamel, 30 Church, New York

11649b— Presses (Tire Applying)

Dunning & Boschert Press Co., Inc., 379 W. Water, Syracuse, N. Y.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Williams Foundry & Machine Co., Akron, O. *See adv index at end of book*

11649c— Presses (Tire Forcing)

Dunning & Boschert Press Co., Inc., 379 W. Water, Syracuse, N. Y.
See adv index at end of book
Elmes Chas. F. Eng. Wks Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

Presses (Tire Welding)

See Tire Welding Machines

Presses (Tissue Paper Printing)

See Presses, Wrapping & Tissue Paper Printing

11650— Presses (Tobacco)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cutaway Harrow Co., Higganum, Conn.
Grote F. Mfg. Co., Evansville, Ind.
Lacy Jas. C. Co. (Screw), Block & Wills, Baltimore, Md.
Nagley Mfg. Co., Lyons, N. Y.
Ripley Foundry & Machine Co. ("Parker" Portable, "Russell" Split Nut Hand Power & Hydraulic Hogshead), Ripley, O.
Woodall Mfg. Co. ("Money Saver" Stems Only), 500 Taylor, Davenport, Ia.

11651— Presses (Toggle)

AMS MAX MACHINE CO. ("Ams"), 101 Park av, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
King R. D. (Attachments), 51 W Jackson, Chicago, Ill.
NIAGARA MACHINE & TOOL W'KS (Toggle Draw), Buffalo, N. Y.
See adv index at end of book
Poorman O. O. Co., New Bremen, O.
Stoll D. H. Co. (Double Crank), Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Turner Tanning Machinery Co. ("Turner"), (For Belt Mfrs., Hand & Belt Power), Peabody, Mass.

11652—*Presses (Toggle Drawing)

See also Presses, Drawing; also Presses, Power
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book

11653— Presses (Trap)

ELMES CHAS. F. ENGINEERING WKS., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11654— Presses (Treadle)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Slaysman & Co. (Can Makers), 801 E Pratt, Baltimore, Md.

11655— Presses (Trimming)

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Baird Machine Co., Bridgeport, Conn.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chambersburg Engineering Co., Chambersburg, Pa.
Cook Thos. W. G., 83 Walker, New York
Danville Iron & Steel Co. (Alligator), Danville, Pa.
Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman" for Forging & Hot Trimming), Meriden. Conn.
MERRILL BROS., 3 Arnold, Maspeth, Boro. of Queens, New York
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.
Perkins Machine Co. (For Drop Forgings, etc), Warren, Mass.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Toledo Machine & Tool Co. ("Toledo" Power), Toledo, O.
United Engineering & Foundry Co., Keenan bldg, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co. (Punching & Trimming), Waterbury, Conn.
Williams White Co., Moline, Ill.

11655a— *Presses (Trunk)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11656— Presses (Tufting)

Hydraulic Press Mfg. Co. (For Carriage Mfrs., etc.), Mt. Gilead, O.

11657—Presses (Type Embossing)

Oliver Machinery Co., Grand Rapids, Mich.
Roovers Bros. ("Roovers," for Pattern Letter Plates, Tags, Labels, etc), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book

Presses (Unbaling)

See Presses, Tie Removing.

11658— Presses (Veneer)

American Woodworking Machinery Co., Rochester, N. Y.
Black Mfg. Co. (Power), Mendota, Ill.
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WKS., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Francis Chas. E. Co. (Hydraulic & Screw), Rushville, Ind.
GERDES & CO., 42 Church, New York
See adv index at end of book
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Kline Lewis T., Alpena, Mich.
Merritt Mfg. Co., Lockport, N. Y.
Smith H. B. Machine Co., Smithville, N. J.
Towsley John T. Mfg. Co., Cincinnati, O.

11659—Presses (Vulcanizing)

Allen Machine Co. (Hydraulic), Erie, Pa.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Elmes Chas. F. Engineering Works (Hydraulic), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Farrel Foundry & Machine Co., Ansonia, Conn.
Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.
See adv index at end of book
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Metalwood Mfg. Co., Dept H, Leib & Wight, Detroit, Mich.
Perrin Wm. R. & Co. (Hydraulic), 37 W Van Buren, Chicago, Ill.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Thropp Wm. R. & Sons Co. (Hydraulic), Trenton, N. J.
Thropp's John E. Sons Co. (Hydraulic), ft of Lewis, Trenton, N. J.
United Roll & Foundry Co., Ravenna, Ohio
Vaughn Co. (Hydraulic Rubber), Cuyahoga Falls, O. *See adv index at end of book*
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
WILLIAMS FOUNDRY & MACHINE CO. (Hydraulic "Akron-Williams"), Akron, O. *See adv index at end of book*

Akron-Williams vulcanizing presses are made in all the standard sizes. They are also made under special specifications to meet particular needs. Write for complete tire and rubber factory equipment catalog.
THE WILLIAMS FOUNDRY & MACHINE CO.,
Akron, Ohio, U. S. A.

11660— Presses (Warp)

Liddell Co., Charlotte, N. C.

11661—Presses (Waste Oil)

STRONG MACHINERY & SUPPLY CO. ("Economy" & Eclipse), 292 - 294 Church, New York
See adv index at end of book

11662—Presses (Watch & Clock Makers')

Blake & Johnson Co. (Arch or Pillar), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11663—Presses (Wax Testing)

Bethlehem Shipbuilding Corp., Ltd. (& Molding), Dept H, Broadhead & Parker av, Bethlehem, Pa.
Moore Sam. L. & Sons, Elizabeth, N. J.

Presses (Wheel)

See Presses, Hydrostatic Wheel

11664— Presses (Wheelbox)

Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book

Presses (Wine & Cider)

See Mills, Cider & Cider Presses

Presses (Wiring)

See Presses, Horning & Wiring

Presses (Wood Printing)
See Box Board Printing Machines

11665—Presses (Wood Pulley Glueing)
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*

11666—Presses (Wood Pulp)
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Standard Metalwork Co., Thompsonville, Conn.

11667—Presses (Wrapping & Tissue Paper Printing)
Kidder Press Co. (Combination Rotary), Dover, N. H.
Meisel Press Mfg. Co. (Sheet or Flat Delivery), 942 Dorchester av, Boston, Mass.

11668— Presses (Yarn)
Dunning & Boschert Press Co. (Inc.) (Baling), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Liddell Co., Charlotte, N. C.

11669— Preventers (Smoke)
See also Furnaces Smokeless
Climax Smoke Preventer Co., 261 Franklin, Boston, Mass.
Diamond Power Specialty Co., Oakland & Caniff, Detroit, Mich.
SCHARF SMOKE PREVENTER CO., Ypsilanti, Mich.

11670—Priers (Automobile Tire)
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.

Prime Movers
See Dynamo & Motor Mfrs., Engines, Various Kinds; Generators, Various Kinds; Motors, Various Kinds; Turbines, Various Kinds; Windmills

11671— Primers (Cartridge)
See also Ammunition
Peters Cartridge Co., First Nat'l Bank bldg, Cincinnati, O.
Remington Arms Company Inc. ("U. M. C."), 233 B'way, New York
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

11671a—Primers (Gasoline Engine)
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*

11672-3-4—Primers (Wood & Metal)
Ditzler Color Co. (For Automobiles), 40 Baltimore av W, Detroit, Mich.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Valentine & Co. ("Celox"), 456 4th av, New York

Printers (Railroad)
See Railroad Stationery, Blanks, Manifests, etc.; also Loose Leaf Devices

Printers Rubber Blankets
See Blankets Printers & Lithographers

11675-6-7—Printers' Wood Furniture
Carrom Co., Ludington, Mich.
Damon Geo. & Sons, 44 Beekman, New York
Hamilton Mfg. Co., Two Rivers, Wis.
Zimmer Mfg. Co., 59 Beekman, New York

Printing Machines
Consult Index to Classifications for number of classification descriptive of the kind of Printing Machines required

Printing Presses
See Classification 8851

11678-9—Printing Presses (Milk Bottle Caps)
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

11680—Pritchels (Blacksmiths' & Farriers')
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Plomb Tool Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.

11680a— *Profile Papers
Pease C. F. Co., 820 N. Franklin, Chicago, Ill. *See adv index at end of book*

11681— *Projectile Bands
American Brass Co., Waterbury, Conn. *For branch offices see adv index at end of book*

11682— Projectiles (Steel)
American & British Mfg. Co., Charles, Providence, R. I. & Bridgeport, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Brenbunfus Engineering Co., Lorain, O.
Bridgeport Projectile Co., Union av, Bridgeport, Conn.
Firth-Sterling Steel Co., McKeesport, Pa.
Johnson Isaac G. & Co., Spuyten Duyvil, New York City, N. Y.
Midvale Steel & Ordnance Co. (Armor Piercing Shrapnel, etc), Widener bldg, Phila., Pa.

11683— Projection Apparatus
Bausch & Lomb Optical Co. (Balopticons), Rochester, N. Y.
Brenkert Light Protection Co. (Lantern Slides for all Purposes), 49 Cortlandt av, Detroit, Mich.
Knott L. E. Apparatus Co. ("Sonograph" for Graphic Analysis of Sound Waves), 79 Amherst, Cambridge, Mass.
Leitz Ernest (Universal Imp.), 30 E 18th, New York
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
Spencer Lens Co., Buffalo, N. Y.

11683a— Projectors (Electric Lights)
Am. La France Fire Engine Co., Elmira, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Brenkert Light Projection Co., 49 Cortlandt, Detroit, Mich.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter Co., 415 Notre Dame, So Bend, Ind.
Grether Fire Equipt. Co., Dayton, O.
Harter Mfg. Co., 522 Clinton, Chicago, Ill.
Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Penfield Mfg. Co., Meriden, Conn.
Pittsburgh Metal Spinning & Stamping Co., 400 Duquesne
Portable Elec. Searchlight Co., Boston, Mass.
Richardson Engng. & Mfg. Co., Hartford, Conn.
Universal Elec. Stage Lighting Co., 240 W 50th, New York
Western Elec. Co., 463 West, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

Projectors (Electric Sign)
See Flashers, Electric Sign

11683b—Projectors (Floodlight)
Brenkert Light Protection Co., 49 Cortlandt av, Detroit, Mich.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter Geo. Co., South Bend, Ind.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Harter Mfg. Co. ("Nitrolites," "Deluxlites"), 524 S Clinton, Chicago, Ill.
Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
McIntosh Stereopticon Co., 30 E. Randolph Chicago, Ill.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Universal Elec. Stage Lighting Co., 240 W 50th, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

11684—Projectors or Search Lights
See also Projectors, Electric Light
Baird C. R. Co., 24 E 23d, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Campbell A. S. Co. ("Cello" Searchlights for Automobiles & Motor Boats), 276 Commercial, Boston, Mass.
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Colt J. B. Co., 30 E 42d, New York
Crouse-Hinds Co., Syracuse, N. Y.
De Vry Corp., 1248 Marianna, Chicago, Ill.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Enterprise Optical Mfg. Co., 564 W Randolph, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gillette Light Projector Co., 10710 Clifton blvd, Cleveland, O.
Graphoscope Co., 712 11th N W, Washington, D. C.
Kandem Electric Co. (Imp.), 152 Chambers, New York
Movette, Inc. (Hand, Motor Driven & Industrial for Motion Pictures), 295 State, Rochester, N. Y.
National Marine Lamp Co. (Searchlight), Forestville, Conn.
Niagara Searchlight Co., Niagara Falls, N. Y.
Pathescope Co. of America, 35 W 42nd, New York
Pittsburgh Electric Specialties Co., Ross & 1st av, Pittsburgh, Pa.
Rateau, Battu Smoot Co. (Electric), 90 West, New York
Rex-Harris Fire Appliance Co., 310 W 39th, New York
S. & M. Lamp Co. ("S & M" Automobile), 118 W 36th, Los Angeles, Cal.
Sperry Gyroscope Co. (High Intensity), 40 Flatbush av ext, Brooklyn, N. Y.
Stewart-Warner Speedometer Corp., ("Stewart V Ray"), 1826 Diversey Parkway, Chicago, Ill.
Thompson A. T. & Co., 15 Tremont pl, Boston, Mass.
Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.
Victor Animatograph Co. ("Victor" Projector With Electric Arc for Non-Transparencies), Davenport, Ia.
Wood Mfg. Co. (Electric), Fairfield, Conn.

11685— Prongs (Valve)
Hays Mfg. Co. (Brass), Erie, Pa.
Yonts C. H. & Co. (Malleable Iron), Meadville, Pa.

11686—Propellers (Aeroplane)
Am. Propeller & Mfg. Co., Covington & Gittings, Baltimore, Md.
Am. Sash & Door Co., Kansas City, Mo.
Breitung & Co., Ltd., Rockefeller bldg, Cleveland, O.
Cox Aero Works, Bayonne, N. J.
Doyle W. A., Trenton, N. J.
Hartzell Walnut Propeller Co., Piqua, O.
Lang Propeller Co., 527 5th av, New York
L-W-F Engineering Co., College Point, L. I., N. Y.
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Standard Steel Propeller Co., Vanadium bldg, Pittsburgh, Pa.
Steres Ed. & Sons, San Antonio, Tex.
U. S. Aero Propeller Co., Milwaukee, Wis.

11686a—*Propellers (Aeroplane, All Steel Reversible, Adjustable Pitch)
STANDARD STEEL PROPELLER CO. Vanadium bldg, Pittsburgh, Pa.

11686b — Propellers (Ship & Boat)
AMERICAN MANGANESE BRONZE CO., 3501 Rhawn, Phila., Pa.
Bethlehem Shipbuilding Corp., Ltd., Dept H, Broadhead & Parker av, Bethlehem, Pa.
Columbian Bronze Corp. (Bronze & Motor Boat), 522 5th av, New York
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Oregon Brass Works (Manganese Bronze), 73 No 2nd, Portland, Ore.
Penn Seaboard Steel Co., Franklin Bank bldg, Phila., Pa.
Thacher Propeller & Foundry Corp., Albany, N. Y.

11687—Props (Carriage Top)
Cowles C. & Co. ("Thomas"), New Haven, Conn.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Searls Mfg. Co. ("Thomas" Mal, "Searls-Thomas"), 29 Mulberry, Newark, N. J.

11688— Props (Sash)
Corbin P. & F., New Britain, Conn.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

11689—Protectors (Automobile Horn Bulb)
New York Wire & Spring Co. ("Asco"), 538 Washington, New York

11690—Protectors (Book Corner)
Ideal Book Mailing Corner Co., Worcester, Mass.
Modern Mfg. Co., 543 N Lawrence, Phila., Pa.

11691— Protectors (Boot)
Channon Jas. H. Mfg. Co. ("Union" for Trench & R. R. Work, etc), 227 W Erie, Chicago, Ill.
Horstmann Wm. H. Co. (For Foundry Men), 5th & Cherry, Phila., Pa.

Protectors (Catchers' Body)
See Base Ball Body Protectors

Protectors (Check)
See Check Protectors

11692— *Protectors (Crusher)
Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis. *See adv index at end of book*

11693— Protectors (Electric)

Central Tel. & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. ("Cook," Terminal), 326 W Madison, Chicago, Ill.
D & W Fuse Co., Hathaway, Providence, R. I.
Fibre Corporation, Lockport, N. Y.
General Electric Co. (A-C Network), Schenectady, N. Y.
See adv index at end of book
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Helio Mfg. Co., 2530 N Broad, Phila., Pa.
Metropolitan Engineering Co. (Network for Transformers), 1250 Atlantic av, Brooklyn, N. Y.
Trio Mfg. Co. ("Tornquist"), Rock Island, Ill.

11694— Protectors (Heel)

Richard Stephen Co., Southbridge, Mass.

11695—Protectors (Lubricator)

Sargent Co. ("Ironclad," for Locomotives), 625 W Jackson blvd., Chicago, Ill.

11696—Protectors (Milk Bottle)

Burgess & Norton Mfg. Co. ("Grant's"), Geneva, Ill.

11697— Protectors (Pole)

Hallett Iron Works ("Hallett"), Harvey, Ill.
Hubbard & Co. (Galvanized), 63d & Butler, Pittsburgh, Pa.
Lanz M. & Sons (Protection Strips), 2907 Carson, Pittsburgh, Pa.

11698—Protectors (Rail Bond)

Chase-Shawmut Co., Newburyport, Mass.
P. & M. Co., The (Wire), 80 E Jackson blvd, Chicago, Ill.

11699—Protectors (Roll & Fabric)

Fabric Roll Protector Co., South Bend, Ind.

11700— Protectors (Smoke)

Hayward S. F. & Co., 250 W. 4th, New York

11701— Protectors (Switch)

Lord Mfg. Co. ("Leco"), 105 W 40th, New York

11702—Protectors (Thermometer Bulb)

Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.

11702a—Protectors (Thread)

Colona Mfg. Co., Vandergrift bldg, Pittsburgh, Pa.

11703— Protectors (Tire)

Britcson Mfg. Co., Brookings, S. D.
Double Fabric Tire Co., Auburn, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Kimball Tire Case Co. (Steel), Council Bluffs, Ia.
Leather Tire Goods Co. ("Woodworth" Treads), Niagara Falls, N. Y.
O'Neil Tire & Rubber Co., Akron, O.
Standard Tire Protector Co. (Rubber), Akron, O.
20th Century Tire Protector Co. ("20th Century"), Midlothian, Tex.
Universal Tire Protector Co., Angola, Ind.

11704— Protractors

Banks F. S. & Co., 149 Church, New York
Besley Chas. H. & Co. ("Universal" Bevel), 120 N Clinton, Chicago, Ill.
Crookston Tool Co., Crookston, Minn.
Brown & Sharpe Mfg. Co. (Draughtsmen's), Providence, R. I.
Goodell-Pratt Co. (Arc & Draughtsman), Greenfield, Mass.
Gurley W. & L. E., Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Bevel Draughtsman, etc), Athol, Mass.
See adv index at end of book

Pruners (Tree)

See Shears, Pruning

11704a— Prussian Blue

Chrome Color Wks, Matawan, N. J.
Waldo E. M. & F. (Selling Agents), 11 B'way, New York

11704b—Prussiate of Potash

Fergusson, Alex. C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Takamine Commercial Corp (Imp of Red & Yellow), 120 B'way, New York

11704c— Prussiate of Soda

Bower Henry Chemical Mfg. Co. (Yellow & Red), 29th & Gray's Ferry av, Phila., Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Semet-Solway Co. (Yellow), Syracuse, N. Y.

11705— Psychrometers

Foxboro Company The ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

11706— Publications (Trade)

Acetylene Journal Publishing Co., 122 S Michigan av, Chicago, Ill.
Advertising & Selling Magazine, 381 4th av, New York
American Architect (Professional), 243 W 39th, New York
Am. Artisan & Hardware Record, 616 S. Michigan av, Chicago, Ill.
American Blacksmith Co., 775 Main, Buffalo, N. Y.
American Carpenter & Builder, 1827 Prairie av, Chicago, Ill.
Am. Carpet & Upholstery Journal, Drexal bldg, Phila., Pa.
American City, 154 Nassau, New York
American Contractor Publishing Co., 6 W Michigan, Chicago, Ill.
AMERICAN DIRECTORY OF THE KNITTING TRADE (Bragdon, Lord & Nagle, Pub.), 334 4th av, New York
American (The) Drop Forger, 108 Smithfield, Pittsburgh, Pa.
AMERICAN EXPORTER (THE), 370 7th av, New York
See adv index at end of book
American Fertilizer, 1010 Arch, Phila., Pa.
Am. Funeral Director, Grand Rapids, Mich.
American Gas Engineering Journal, 150 Nassau, New York
American Grocer, 90 W B'way, New York
AMERICAN HARDWARE JOBBERS DIRECTORY (Edward G. Baltz, pub.), 107 6th, Pittsburgh, Pa.
See adv index at end of book
American Hatter, 1182 B'way, New York
American Machinist, 10th av & 36th, New York
American Motorist, 501 5th av, New York
American Paint Journal, Pontiac bldg., St. Louis, Mo.
American Paint & Oil Dealer, Pontiac bldg, St. Louis, Mo.
American Printer, 231 W 39th, New York
American Silk Journal, 373 4th av, New York
American Sports Publishing Co., 45 Rose, New York
Am. Stationer & Office Outfitter, 10 E. 39th, New York
American Stone Trade, 537 S Dearborn, Chicago, Ill.
American Thresherman, Madison, Wis.
American Wool & Cotton Reporter, 530 Atlantic av, Boston, Mass.
Architect (The), 245 Mission, San Francisco, Cal.
Architecture, 597 5th av, New York
Architects Buyers' Reference (Quarterly), 90 West, New York
Architecture & Building, 23 Warren, New York
Architectural Record, 119 W 40th, New York
Automobile Blue Book Publishing Co. The, 239 W 39th, New York
Automobile Dealer & Repairer, 71 Murray, New York
Automobile Journal Publishing Co., Pawtucket, R. I.
Automobile Topics, 1790 B'way, New York
Automobile Trade Journal, Market & 49th, Phila., Pa.
Automotive Industries (Industrial), 239 W 39th, New York
Automotive Manufacturers, 55 Duane, New York
Bakers' Helper Co., 327 S La Salle, Chicago, Ill.
Bakers' Review, 233 Broadway, New York
Bakers' Weekly, 41 Park Row, New York
Barbers' Journal, 25 W 42d, New York
Barrel & Box, 537 S Dearborn, Chicago, Ill.
Belting & Transmission, Monadnock bldg., Chicago, Ill.
Black Diamond Co., 431 S Dearborn, Chicago, Ill.
Blacksmith & Wheelwright, 71 Murray, New York
Blast (The) Furnace & Steel Plant, 108 Smithfield, Pittsburgh, Pa.
Boiler Maker, 6 E 39th, New York
Boot & Shoe Recorder, 207 South, Boston, Mass.
Brass World Publishing Co., 55 Duane, New York
Brewer & Malster & Beverageur, 326 W. Madison, Chicago, Ill.
Brewers' Journal, 1 Hudson, New York
Brick & Clay Record, 610 Federal, Chicago, Ill.
Broom Corn Review, Wichita, Kan.
Brooms, Brushes & Handles, Milwaukee, Wis.
Builder & Contractor, Los Angeles, Cal.
Builders' Guide (Building News Publication Co.), Dept H, Perry bldg, Phila., Pa.
Building Age, 912-920 B'way, New York
Building News Pub. Co., Perry bldg, Phila., Pa.
Building Supply News, 610 Federal, Chicago, Ill.
Bunting Publications (Inc.), 9 S Clinton, Chicago, Ill.
Butchers' Advocate Co., 1328 B'way, New York
Canning Trade, State Bk. of Md. bldg, Baltimore, Md.
Cement & Engng. News, 610 S Dearborn, Chicago, Ill.
Cement, Gypsum & Lime Mfrs. Directory, Monadnock blk., Chicago, Ill.
Cement, Mill & Quarry, Monadnock blk., Chicago, Ill.
Chem. & Metallurgical Engng., 10th av. at 36th, New York
Chilton Tractor Journal, Market & 49th, Phila., Pa.
Clay-Worker (The), (T. A. Randall & Co., publishers), 211 Hudson, Indianapolis, Ind.
Clothier & Furnisher, 13 Astor pl, New York
Coal Age, 10th av & 36th, New York
Coal Trade Bulletin, Park bldg, Pittsburgh, Pa.
Coal Trade Journal, 20 Vesey, New York
Coal & Coke Operator, 108 Smithfield, Pittsburgh, Pa.
Commercial Car Journal, Market & 49th, Phila., Pa.
Commercial Journal, 628 Chestnut, Philadelphia, Pa.
Commercial Vehicle, 239 W 39th, New York
Concrete-Cement Age Publishing Co., New Telegraph bldg, Detroit, Mich.
Concrete Products, Monadnock blk, Chicago, Ill.
Confectioner's Gazette, 366 B'way, New York
Contractor (The), 37 W Van Buren, Chicago, Ill.
Cordage Trade Journal, 81 Fulton, New York
Cotton Manual Publishing Co., Atlanta, Ga.
Creditors' Mercantile Guide, 37 Liberty, New York
Daily Building News, Perry bldg., Phila., Pa.
Daily Iron Trade & Metal Market Report, Penton bldg, Cleveland, O.
Directory Cement, Gypsum & Lime Mfrs., Monadnock blk, Chicago, Ill.
DIRECTORY OF TEXTILE BRANDS (Bragdon, Lord & Nagle, Pub.), 334 4th av, New York
Directory of the Architectural & Building Trades, Perry bldg., Phila., Pa.
Dockham Publishing Co., 6 Beacon, Boston, Mass.
Dodge F. W. Co., 119 W 40th, New York
Domestic Engineering, 37 W Van Buren, Chicago, Ill.
Druggists' Circular, 100 William, New York
Dry Goods Economist, 239 W 39th, New York
Dry Goods Publishing Co., 392 5th av, New York
Dry Goods Reporter, 215 So. Market, Chicago, Ill.
Dry Goodsman, St. Louis, Mo.
Dun's International Review, 290 Broadway, New York
El Comercio (J. Shepherd Clark Co.), 114 Liberty, New York
Electrical Age, 233 B'way, New York
Electrical Blue Book, Monadnock blk, Chicago, Ill.
Electrical Engineering, Woolworth bldg, New York
Electrical Merchandising, 10th av & 36th, New York
Electric Railway Journal, 10th av & 36th, New York
Electrical Record, 461H 8th av, New York
Electrical Review, Monadnock blk, Chicago, Ill.
Electrical World, 10th av & 36th, New York
ENGINEERING NEWS-RECORD, 10th av at 36th, New York
See adv index at end of book
Engineering World, Monadnock blk, Chicago, Ill.
ENGINEERING & CONTRACTING, 9 S. Clinton, Chicago, Ill.
See adv index at end of book
Engineering & Mining Journal, 10th av & 36th, New York
Export American Industries, 30 Church, New York
Exportador Americano, 17 Battery pl, New York
Exporters' Review, 80 Broad, New York
Exporters & Importers' Journal, 17 State, New York
Factory Magazine of Management, Cass, Huron & Erie, Chicago, Ill.
Farm Implement News Co., 159 N State, Chicago, Ill.
Farm Implements Publishing Co., 1018 Lumber Exchange, Minneapolis, Minn.
Farm Machinery-Farm Power, 806 Pine, St. Louis, Mo.
Farm Progress, 7th & Olive, St. Louis, Mo.
Feedingstuffs, Woolworth bldg, New York
Fibre & Fabric, 127 Federal, Boston, Mass.
Fire & Water Engng., 154 Nassau, New York
Five & Ten Cent Store Magazine & Variety Review, Gerke bldg, Cincinnati, O.
Florists' Exchange, 448 W 37th, New York
Foundry (The), E 12th & Chester av, Cleveland, O.
Fur Trade Review, 1181 Broadway, New York
Furniture Journal, 610 S Dearborn, Chicago, Ill.
Furniture Mfg. & Artisan, Grand Rapids, Mich.
Furniture World, 15 W 38th, New York
Gas Age, 52 Vanderbilt av, New York
Gas Record, 443H S. Dearborn, Chicago, Ill.
Geyer's Stationer, 318 B'way, New York

Good Roads, 11 Waverly pl, New York
Hardware Age, 239 W 39th, New York
Hardware Dealers' Magazine, Grand Central Palace, New York
HARDWARE NEWS, 1315 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Hardware Review, Woolworth bldg, New York
Hardwood Record, 537 S Dearborn, Chicago, Ill.
Hay Trade Journal Publishing Co., Canajoharie, N. Y.
Heating & Ventilating Magazine, 1123 B'way, New York
Hide & Leather, 136 W Lake, Chicago, Ill.
Highway Engineer & Contractor, Monadnock blk, Chicago, Ill.
Horseless Age, 95 Madison av, New York
Horseshoers' Journal, 142 Lafayette, Detroit, Mich.
House Furnishing Journal, 200 5th av, New York
Ice Cream Trade Journal, 150 Nassau, New York
Ice & Refrigeration, 5707 W Lake, Chicago, Ill.
Illustrated World, 58th & Drexel, Chicago, Ill.
Implement Trade Journal Co., Graphic Arts bldg, Kansas City, Mo.
Improvement Bulletin, 610 Exchange, Minneapolis, Minn.
India Rubber World, 25 W 45th, New York
Industrial Management (The Engineering Magazine), 116 W 32d, New York
Inland Printer, 632 Sherman, Chicago, Ill.
International Confectioner, 109 Lafayette, New York
International Marine Engineering, 6 E 39th, New York
International Trade Developer, 168 N Michigan av, Chicago, Ill.
International Trade Press, Inc., Monadnock bldg, Chicago, Ill.
Iron Age, 239 W 39th, New York
Iron Trade Review, E 12th & Chestnut, Cleveland, O.
Isolated Plant Publishing Co., 366 5th av, New York
Jewelers' Circular, 11 John, New York
KELLY'S DIRECTORY OF MERCHANTS, MANUFACTURERS & SHIPPERS OF THE WORLD, 70 5th av, New York
See adv index at end of book
Keramic Studio Pub. Co., Syracuse, N. Y.
Lubrication World, Monadnock blk, Chicago, Ill.
Lumber (Commercial Journal Co.), Arcade bldg, St. Louis, Mo.
Lumber Trade Journal, New Orleans, La.
Lumber World Review, 608 S Dearborn, Chicago, Ill.
Machinery, 140 Lafayette, New York
MANUFACTURERS' RECORD, Water & Commerce, Baltimore, Md.
See adv index at end of book
Manufacturing Jeweler, 42 Weybosset, Providence, R. I.
Marine Journal Co., 17 State, New York
Marine Review, Penton bldg, Cleveland, O.
Master Sheet Metal Workers' Journal, 261 S 4th, Philadelphia, Pa.
Men's Wear Co., 83 13th, New York
Metal Industry 99 John, New York
Metal Worker, 239 W 39th, New York
Mill Supplies, 537 S Dearborn, Chicago, Ill.
Mining World, Monadnock blk, Chicago, Ill.
Modern Hospital, 22 E. Ontario, Chicago, Ill.
Modern Miller, Insurance Exchange, Chicago, Ill.
Monumental News, 538 S Clark, Chicago, Ill.
Motor Age, 5 S Wabash, Chicago, Ill.
Motor Boat, 239 W 39th, New York
Motor Record (Monthly), 90 West, New York
Motor World, 239 W 39th, New York
Moving Picture World, 516 5th av, New York
Municipal Engineering, 608 S Dearborn, Chicago, Ill.
Municipal Journal & Engineer, 239 W 39th, New York
Munn & Co. (Scientific American), 699 Woolworth bldg, New York
National Builder, 542 S Dearborn, Chicago, Ill.
National Cleaner & Dyer, 124 N Ann, Chicago, Ill.
National Coopers' Journal, 820H Witherspoon bldg., Phila., Pa.
National Druggist, Century bldg, St. Louis.
National Engineer, 417 S Dearborn, Chicago, Ill.
National Harness Review, 1054 Buena av, Chicago, Ill.
National Laundry Journal, 124 N Ann, Chicago, Ill.
Natl. Petroleum News, Canton bldg, Cleveland, O.
National Provisioner, 116 Nassau, New York
Office Appliances Magazine, 417 S Dearborn, Chicago, Ill
OFFICIAL AMERICAN TEXTILE DIRECTORY (Bragdon, Lord & Nagle, Pub.), 334 4th av, New York
Oil News, 14 E. Jackson blvd, Chicago, Ill.
Oil, Paint & Drug Reporter, 100 William, New York
Oil Trade Journal, Equitable bldg, New York
Operative Miller, 721 S Wood, Chicago, Ill.
Optical Journal & Review, 11 John, New York
PACIFIC BUILDER & ENGINEER, Seattle, Wash. *See adv index at end of book*
Pacific Coast Merchant, 423 Sacto, San Francisco, Cal.
Packages Pub. Co., Montgomery bldg, Milwaukee, Wis.
Painters Magazine, 100 William, New York
Paper Inc., 131 E 23d, New York
Paper Mill, 154 Nassau, New York
Paper Trade Journal, 10 E 39th, New York
Petroleum Age, 443 S. Dearborn, Chicago, Ill.
Pharmaceutical Era, 3 Park pl, New York
Pit & Quarry, 538 S Clark, Chicago, Ill.
Playthings, 118 E 28th, New York
Plumbers & Steam Fitter, 15 E. 40th, New York
Popular Mechanics Magazine, 6 N Michigan av, Chicago, Ill.
Power, 10th av & 36th, New York
Power Boating E 12th & Chester, Cleveland, O.
Power Farming, St. Joseph, Mich.
Power Farming Dealer, St. Joseph, Mich.
Power Plant Engineering, 537 S Dearborn, Chicago, Ill.
Printing, 38 Park row, New York
Purchasing Agent Co., 19 Park pl, New York
Railway Age, Woolworth bldg, New York
Railway Electrical Engineer, Woolworth bldg., New York
Railway Maintenance Engineer, Woolworth bldg., New York
Railway & Marine News, Seattle, Wash.
Railway Mechanical Engineer, Woolworth bldg, New York
Railway Review (Railway & Engineering), 537 S Dearborn, Chicago, Ill.
Railway Signal Engineer, Woolworth bldg. New York
Record & Guide, 119 W 40th, New York
Refrigerating World, Woolworth bldg. New York
Retail Coalman, Monadnock blk, Chicago, Ill.
Roadmaker, 53 W Jackson blvd, Chicago, Ill.
Rock Product, 542 S Dearborn, Chicago, Ill.
Rudder Publishing Co., 9 Murray, New York
Safety Engineering, 80 Maiden Lane, New York
St. Louis Lumberman, Arcade bldg, St. Louis, Mo.
Sampson & Murdock Co., 246 Summer, Boston, Mass.
Scientific American, Woolworth bldg, New York
Sewing Machine Times, 47 E 19th, New York
Sheet Metal, 15 E. 40th, New York
Shoe & Leather Reporter, 166 Essex, Boston, Mass.
SOUTHERN ARCHITECT & BUILDING NEWS, Atlanta, Ga.
See adv index at end of book
Southern Lumberman, Nashville, Tenn.
Spokesman Publishing Co., 128 Opera pl, Cincinnati, O.
Sporting Goods Sales Journal, 38 Park Row, New York
Sporting News Publishing Co., Penn bldg, St. Louis, Mo.
Starchroom Publishing Co., 415 Pioneer, Cincinnati, O.
Steam, 90 West, New York
Sugar Magazine, Elm & Duane, New York
Sweet's Catalogue, 119 W 40th, New York
System Magazine, 2 N Wabash av, Chicago, Ill.
Talking Machine World, 373 4th av, New York
Tea & Coffee Trade Journal, 79 Wall, New York
Telegraph & Telephone Age, 253 B'way, New York
Telephony Publishing Co., 115 S Michigan av, Chicago, Ill.
TEXTILE ADVANCE NEWS (Bragdon, Lord & Nagle, Pub.), 334 4th av, New York
TEXTILE WORLD (Bragdon, Lord & Nagle, Pub.), 334 4th av, New York & 144 Congress, Boston, Mass.
See adv index at end of book
Tobacco Leaf Publishing Co., 198 B'way, New York
Tobacco World, 236 Chestnut, Phila., Pa.
Toys & Novelties, 215 S. Market, Chicago, Ill.
Trade Mark Record, 31 Nassau, New York
TRAFFIC WORLD, 418 S. Market, Chicago, Ill. *See adv index at end of book*
Upholsterer, 373 4th av, New York
Vehicle Monthly, 1010 Arch, Phila., Pa.
Waste Trade Journal, 150 Lafayette, New York
Western Architect, 215 S Market, Chicago, Ill.
Western Contractor, 521 Locust, Kansas City, Mo.

11707—Pullers (Automobile Wheel)

Benford Mfg. Co., Mt. Vernon, N. Y.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Cooper Mfg. Co., Marshalltown, Ia.
Empire Wheel Works, Utica, N. Y.
Lashbaugh & Jordan Tool & Machine Co., Elkhart, Ind.
Motor Specialties Co. ("Mosco"), Waltham, Mass.
Polson Mfg. Co., Buffalo, N. Y.
Premier Electric Co. ("Little Giant"), 1123 S Wabash, Chicago, Ill.
Presbrey E. H. Co., 50 Broad, New York
Standard Auto Accessory Co. ("Standard"), Leipsic, O.
Weeber C. F. Mfg. Works ("Weeber," for Removing Rear Wheels of Automobiles), Albany, N. Y.

11708— Pullers (Beet)

Brillion Iron Works, Brillion, Wis.
Bucher & Gibbs Plow Co., Canton, O.
Deere & Co. ("Jno. Deere"), Moline, Ill.
Donaldson Bros. ("Donaldson," "Valley"), Mt. Clemens, Mich.
Fanger Beet Harvester Co., 421 Michigan, Toledo, O.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Lehr Agricultural Co. ("Lehr"), Fremont, Ohio
Moline Plow Co. ("Moline"), Moline, Ill.
Ohio Cultivator Co. ("Famous Ohio"), Bellevue, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rowell I. B. Co., Waukesha, Wis.

11709— Pullers (Bell Cord)

Bethlehem Shipbuilding Corp., Ltd., Dept H, Broadhead & Parker av, Bethlehem, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

11710— Pullers (Car)

See also Car Movers & Pushers)

Barnard & Leas Mfg. Co. ("Moline"), Moline, Ill.
Caldwell H. W. & Son Co. ("Caldwell" Standard & Self-Contained Safety), 17th & Western av, Chicago, Ill.
Dodge Sales & Engineering Co. ("Safety"), Mishawaka, Ind.
Fitzpatrick Products Corp., 99 John, New York
Great Western Mfg. Co., Leavenworth, Kans.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY ("Safety"), 300 W. 39th, Chicago, Ill.
See adv index at end of book
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Nordyke & Marmon Co., (Power), Kentucky av & Morris, Indianapolis,, Ind.
Sasgen Derrick Co. (Also "Pull-Me-Out" Truck), 3101 W Grand av, Chicago, Ill.
See adv index at end of book
Stephens-Adamson Mfg. Co. ("S.-A," Safety), Aurora, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Whiting Corp., Dept H, Harvey, Ill.

11710a— Pullers (Core Rod)

Hill Clutch Co., W 65th, Cleveland, O.

11711-2— Pullers (Cork)

See also Cork Screws

Arcade Mfg. Co. ("Champion," "Triumph," "Standard," "Favorite," "Daisy" & "Phoenix"), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Trinity"), 6126 S La Salle, Chicago, Ill.
Hawley Mfg. Co. ("Quick-as-a-Wink"), Stepney, Conn.
Warner Hammer Co. ("Quick-as-a-Wink"), Cromwell, Conn.

Pullers (Cotter Pin)

See Extractors, Cotter Pin

11713-4—Pullers (Fence Staple Bar)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Pullers (Gear)

See Pullers, Wheel

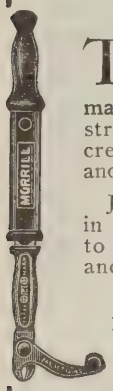
11715— Pullers (Nail)

See also Pullers, Tack; also Pullers, Staple

Belden Machine Co. ("Diamond-B," "Never Slip"), New Haven, Conn.
Bradley & Farnham ("E. Z."), Middlefield, Conn.
Bridgeport Hardware Mfg. Corp. ("Tiger," "Sure Grip," "Jumbo," "Rex," "Red Bull," Nail Puller, Box Opener & Hammer), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chantrell Hardware & Tool Co., Reading, Pa.
Dudley Tool Co., Menominee, Mich.
Forged Products Co. ("Gibraltar" Pry Bar, Drop Forged), Conway bldg, Chicago, Ill.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.
Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer Combined), Sedalia, Mo.
Millers Falls Co. ("Pelican," "Miller's Falls"), Miller's Falls, Mass.

PULLERS (NAIL)—continued

MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book



THE Longest lived, easiest and fastest Nail Puller on the market, because of its straight arm pull, increased rolling fulcrum, and scientific construction.

Jaws mounted together in a box joint, no springs to break, and has handle and hand guard.

CHAS. MORRILL
100 Lafayette Street
New York

Page Storms Drop Forge Co. ("Gem"), Chicopee, Mass.
Pelouze Mfg. Co. ("Champion"), 232 E Ohio, Chicago, Ill.
Richard Stephen Co. (For Cobblers), Southbridge, Mass.
SMITH & HEMENWAY CO., INC. ("Giant," "Diamond B" & "Red "Devil"), 261H B'way, New York, & 130H Colt, Irvington, N. J.
See adv index at end of book
Snow & Petrelli Mfg. Co. "Crown," New Haven, Conn..
Union Hardware Co., Torrington, Conn.
Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.
Warner Hammer Co. ("Common-Sense"), Cromwell, Conn.

11716— Pullers (Onion)

Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.

11717— Pullers (Piling)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Fitzpatrick Products Corp., 99 John, New York

11718— Pullers (Pinion)

(For Pulling Pinions from Armatures)

Columbia Machine Works & Malleable Iron Co. ("Columbia," Any Type & Repair Parts), Atlantic av & Chestnut, Brooklyn, N. Y.

11719— Pullers (Plank)

Anderson W. H. Tool & Supply Co., 184 Bush, Detroit, Mich.

11720— Pullers (Spike)

See also Bars, Pinch

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
MORRILL CHAS. ("Pearson Cyclone"), 100 Lafayette, New York
See adv index at end of book

11721— Pullers (Staple)

Bicknell Mfg. & Supply Co., Janesville, Wis.
Cheney Henry Hammer Co., Little Falls, N. Y.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*



No. 20 Staple Puller

The Cronk & Carrier Mfg. Co.
150 Lake Street Elmira, N. Y.

Forged Products Co. ("Gibraltar"), Conway bldg., Chicago, Ill.
Osmundson Spade Mfg. Co. ("Buffalo"), Perry, Ia.
Plomb Tool Mfg., 2209 Santa Fe av, Los Angeles, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261H B'way, New York, & 130H Colt, Irvington, N. J.
See adv index at end of book
Utica Drop Forge & Tool Co., Utica, N. Y.
Warren Specialty Mfg. Co., West Farmington, Ohio

11722— Pullers (Stump)

Aumond Stump Machine Co. (Steel), Cedar Springs, Mich.
Bacon & Matheson Forge Co. ("Atlas"), 17H W. Lander, Seattle, Wash.
Bennet H. L. & Co. ("Bennet" Cable, "Bennet" Screw, "Bennet" Hand Power), Westerville, O.
Butterworth & Lowe, Grand Rapids, Mich.
Caward R. S. ("Faultless"), Cresco, Ia.
CLYDE IRON WORKS SALES CO. ("Clyde"), Duluth, Minn.
See adv index at end of book
Edwards C. D. ("Climax," "Jumbo," "Chief"), Albert Lea, Minn.
Fitzpatrick Products Corp., 99 John, New York
Hercules Mfg. Co. ("Hercules"), Centerville, Ia.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
Kirstin A. J. Co. ("One Man"), Escanaba, Mich.
La Plant-Choate Mfg. Co., Cedar Rapids, Ia.
Milne Mfg Co. ("Hawkeye," "I. & L.," "Iron Giant," "Milne"), Monmouth, Ill.
National Iron Co., Duluth, Minn.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Scott Hay Press Co. ("O-K"), 13 W 12th, Kansas City, Mo.
Smith Mfg. Co., La Crosse, Wis.
Sparta Iron Works Co., Sparta, Wis.
Swenson Grubber Co. ("Swenson" Malleable Iron), Cresco, Ia.
Zimmerman Steel Co. ("Zimmerman Monarch" Steel), Bettendorf, Ia.

Pullers (Tack)

See Claws or Pullers, Tack

11723— Pullers (Wheel)

See also Pullers, Automobile Wheel

Am. Machine Products Co., Marshalltown, Iowa

11724— Pullers (Wire)

Browne & Dowd Mfg. Co. ("Yankee"), Meriden, Conn.
Dicke Tool Co. ("The Imperial"), Downers Grove, Ill.
Laurent Cherry Pulley Block Co., Trenton, N. J.

11725— Pulley Covering

Baerti Anti-Slip Cement Co. ("Baerti"), 97 Water, New York
Belt Grip Pulley Co. ("Belt Grip"), 132 Breckenridge, Buffalo, N. Y.
Boston Woven Hose & Rubber Co. ("Milo" Stitched Canvas), Cambridge, Mass.
Chemical & Engineering Co. ("Red Dragon" Power Saving), Watertown, N. Y.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Eclipse Pulley Covering Co. (Canvas), 2028 W Lake, Chicago, Ill.
Fansher Bros. ("Anti-Slip" Pulley Dressing), Dayton, O.
Kantslip Co. ("Kantslip"), Freeport, Mich.
Kinkead Mfg. Co. ("Power Saver"), 45 High, Boston, Mass.
National Mfg. & Engineering Co. ("Perfection," 1537 Race, Phila., Pa.
Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.
Pulley Facing Co. ("Perfection"), Penna. bldg., Phila., Pa.
Raymond W. S. ("Washington Superior"), Dept H, Niles, Mich.
Shackley W. T. & Son (Canvas), 49 High, Boston, Mass.
Shultz Belting Co. ("Shultz Patent"), Fourth & Barton, South St. Louis, Mo.
Turner J. S. Mfg. Co., Lowell, Mass.
U. S. Pulley Covering Co. ("Solvonon"), 212 Washington, New York
Warren Co. ("Warren's"), Niles, Mich.

11726—Pulleys (Anti-Friction, Dumbwaiter)

Stowell Co., The, South Milwaukee, Wis.

11727— Pulleys (Arc Lamp)

Abbott Samuel (Awning), Cleveland, O.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. ("Cutter's" Supporting), South Bend, Ind.
Fletcher Mfg. Co. (Automatic Suspension, Sleet Proof), Dayton, O.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
Lime Material Co., South Milkaukee, Wis.
Marine Hardware-Equipment Co., South Portland, Me.
Morris Elmer P. Iron Works (Inc.) (Steel), 136 Liberty, New York
Ney Mfg. Co., Canton, O.
Reading Hardware Co., Reading, Pa.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Wilcox, Crittenden & Co., Middletown, Conn. *See adv index at end of book*
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

11728— Pulleys (Bell Cord)

Brady Electric Mfg. Co. (Sleet Proof), New Britain, Conn.
Brill J. G. Co. (Also Register Cord), 62nd & Woodland av, Phila., Pa.
Creamer W. G. & Co., 96 John, New York
Dayton Mfg. Co., Dayton, Ohio

11729— Pulleys (Cast Iron)

See also Machinery, Power Transmitting

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Tool & Machine Co., (Up to 120 in. diameter), 10 High, Boston, Mass.
Bailey Burruss Mfg. Co., Atlanta, Ga.
Birkle Machine Works, 128 S Clinton, Chicago, Ill. *See adv index at end of book*
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Quincy & C & P Ry, Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown Clutch Co., Sandusky, O.
Buckeye Iren & Brass Works, Dayton, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester, Buffalo, N. Y.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Carey W. W. Co., Lowell, Mass.
Chain Belt Co., Milwaukee, Wis.
Christiana Machine Co., Christiana, Pa.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Standard Split), Mishawaka, Ind.
Dunning W. D., Syracuse, N. Y.
Eastwood Benj. Co., Paterson, N. J.
Fales & Jenks Machine Co., Pawtucket, R. I.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fitchburg Foundry Co., Fitchburg, Mass.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Fulton Machine Co., Canal Fulton, O.
Galena Iron Works Corp., Galena, Ill.
Gillie Machine Co., Tonawanda, N. Y.
Goldens' Foundry & Machine Co., Columbus, Ga.
Grant Pulley & Hardware Co., 101 Park av, New York
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hardie-Tynes Mfg. Co. (Heavy), Birmingham, Ala.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hess-Snyder Co., Massillon, O.
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Janney & Co., Montgomery, Ala.
Jones W. A. Foundry & Machine Co. (Machine Molded), 4401 W 12th, Chicago, Ill.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Klotz Machine Co., Sandusky, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn av & Paddock rd, Cincinati, O.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Marseilles Works of Deere & Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
MEESE & GOTTFRIED CO. (Steel & Wood), 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 2354 Minnehaha av, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordeen Foundry Co., Everett, Wash.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pyott Co., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., 328 N Sangamon, Chicago, Ill.
Rhode Island Supply & Sprinkler Co. (Jobbers), 156H W. Exchange, Providence, R. I.
Santa Fe Foundry Co., Richmond, Cal.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Smith H. B. Machine Co., Smithville, N. J.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co., 1734 Power, Cincinnati, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strait H. N. Mfg. Co., Kansas City, Kans.
Toledo Foundry & Machine Co., Toledo, O.
Union Iron Works, Decatur, Ill.
Union Machine Co., Worcester, Mass.
United Iron Works Inc., Kansas City, Mo.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Withers Foundry & Machine Works, Atlanta, Ga.
Western Iron & Foundry Co., Wichita, Kans.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11730— Pulleys (Ceiling)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Stover Mfg. & Engine Co., Freeport, Ill.
Stowell Co., The, South Milwaukee, Wis.

11731—Pulleys (Clothes Line, Cast Iron)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Browne & Dowd Mfg. Co., Meriden, Conn.
Clough John H., Corry, Pa.
Gray Iron Foundry Co. (Galvanized), Reading, Pa.
Peck, Stow & Wilcox ("Knot Passing"), Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reading Saddle & Mfg. Co. ("Sure Grip"), Reading, Pa.
S. R. Mfg. Co., Schenectady, N. Y.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

11732—Pulleys (Clothes Line, Steel)

New York Stamping Co. ("Acme" Stamped Steel, Porcelain Wheel), N 11th & Berry, Brooklyn, N. Y.

11733—Pulleys (Clothes Line, Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th, New York *See adv index at end of book*
Richardi & Bechtold, Bellaire ,Mich.
Selb Bros. Co. (Iron), 100 Boyd av, Jersey City, N. J.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

11734— Pulleys (Cone)

Bailey Burruss Mfg. Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Cressen-Morris Co., Allegheny & 18th, Phila., Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Evans Friction Cone Co. (Countershaft, Variable Speed), Newton Center, Mass.
Hartford Machine Screw Co., Hartford, Conn.
Hill Clutch Co., W 65, Cleveland, O.
Holyoke Machine Co. Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Lane Mfg. Co., Montpelier Vt.
Saginaw Mfg. Co., Saginaw, Mich.
S. C. Regulator Mfg. Co. (Wood), Fostoria, Ohio
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Step Taper, etc), Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11735-6—Pulleys (Cork Insert)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Cork Insert Co., 164 Federal, Boston, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.

Pulleys (Electric Lamp)

See Pulleys, Arc Lamp

11737— Pulleys (Flanged)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Bailey Burruss Mfg. Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Lancaster, Pa. *See adv index at end of book*
Brown A. & F. Co., 79 Barclay, New York
Caldwell W. E. Co., Louisville, Ky.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Machine Co., Cuyahoga Falls, Ohio
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Foundry & Machine Co., Columbus, Ga.
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co, Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Jones W. A. Foundry & Machine Co., 4401 W 12th. Chicago, Ill.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Saginaw Mfg. Co., Saginaw, Mich.
Standard Pulley Co., 1734H Power, Cincinnati, O.
Union Iron Works, Decatur, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

11738—Pulleys (Friction Clutch)

See also Clutches, Friction

Allis-Chalmers Mfg. Co. ("A. C."), Milwaukee, Wis.
Bailey Burruss Mfg. Co., Atlanta, Ga.
Bauroth Bros., Springfield, O.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
Brown & Sharpe Mfg. Co. (Self-Oiling), Providence, R. I.
Caldwell H. W. & Son Co. ("Caldwell" Double Disc, Expansion, etc), 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., Louisville, Ky.
Carrouthers & Fithian Clutch Co., Grove City, Pa.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Chain Belt Co., Milwaukee, Wis.
Chamberlain Machine Works (For Cream Separators), Waterloo, Ia.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Continental Fibre Co. (Fibre), Newark Del. *See adv index at end of book*
Conway Clutch Co., 1956 W. 6th, Cincinnati, O.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Delaware Hard Fibre Co. ("Egyptian" Fibre), Wilmington, Del. *See adv index at end of book*
Detroit Standard Gear Co. ("Standard"), Detroit, Mich.
Diamond Iron Works, 2d & 18th av, N, Minneapolis, Minn.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Eastern Machinery Co., New Haven, Conn.
Edgemont Machine Co., Dayton, O.
Erie Clutch & Pulley Co. ("Standard"), Erie, Pa.
Fairbanks Co. (Jobbers), 416 Broome, New York
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Garland M. Co. (Clutch), Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machy. Co., Tiffin, O. *See adv index at end of book*
Havana Mfg. Co. (Double Grip), Havana, Ill.
Hess, Snyder Co., Massillon, O.
HILL CLUTCH CO. (Solid & Split), W 65th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Lasure Friction Cluth Pulley Co., Madison, Wis.
LINK - BELT COMPANY ("Ewart" & "Dick"), 300 W. 39th, Chicago, Ill. *See adv index at end of book*
McMahon & Co. ("McMahon"), Water cor Ledge, Worcester, Mass. *See adv index at end of book*
Mason Volney W. & Co., 2 Lafayette, Providence, R. I.
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Minster Machine Co. ("Herken" for Gas Engines), Minster, O.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Moore-Master Mfg. Co., 3445 N Western av, Chicago, Ill.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
National Clutch Co., 1859 Fulton, Chicago, Ill.
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Piamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pusey & Jones Co., Wilmington, Del.
Pyott Co., 1401 W North av, Chicago, Ill.
Sandy Hill Iron & Brass Works ("Hercules"), Hudson Falls, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co. ("Standard-Baechle"), 1734 Power, Cincinnati, O.
Stephens-Adamson Mfg. Co. ("S-A" Steel Plate), Aurora, Ill.
Union Iron Works, Decatur, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walker Mfg. Co. (Patent Balanced), Denver, Colo.
WEBSTER MFG. CO., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Weller Engineering Co., Elyria, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Yocom Jas. & Son, 145 N 2d, Phila., Pa.

11739— Pulleys (Galvanized)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Laughlin Thomas Co., Portland, Me. *See adv index at end of book*

11740— Pulleys (Governor)

Brownwall Engine & Pulley Co. ("Parker"), Holland, Mich.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.

11741— Pulleys (Grooved)

Boston Gear Works ("Boston") (Brass & Cast Iron), Norfolk Downs, Quincy, Mass. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hill Clutch Co., W 65th, Cleveland, O.
Hunter James Machine Co., N Adams, Mass.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Saginaw Mfg. Co., Saginaw, Mich.

11742— Pulleys (Guide)

Brown A. & F. Co., 79 Barclay, New York.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
Hunter Jas. Machine Co., North Adams, Mass.
LINK - BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Toledo Foundry & Machine Co., Toledo, O.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

11743— Pulleys (Hay Fork)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Cheney S. & Son (Scoville's), Manlius, N. Y.
Colebrookdale Iron Co., Pottstown, Pa.
Goshen Mfg. Co., Goshen, Ind.
Hunt, Helm, Ferris & Co. (Star," "O K.," "Peerless"), Harvard, Ill.
Louden Machinery Co. ("Louden"), Fairfield, Ia.
Mason F. C. & Co., St. Johns, Mich.
Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.

PULLEYS (HAY FORK)—continued
MYERS F. E. & BRO. ("Myers O. K.," "Myers," "Reed," "Sure Grip" & "Faultless;" also "Myers Universal" Reversible & "Myers" Self-Locking Sling Pulleys), 900 4th, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Ney V. L. Hay Tool Co. (Wood & Metal), Canton, O.
Penn Hardware Co., Reading, Pa.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Porter J. E. Co. ("Porter," "Self-Locking Sling," "Sling-Binding"), Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Ricker Mfg. Co., Rochester, N. Y.
Stowell Co., The, ("Stowell," Anti-Friction & Common), South Milwaukee, Wis.
Strickler Hay Tool Co. ("Strickler") Janesville, Wis.
Susquehanna Casting Co., Wrightsville, Pa.
Swineford G. A. Co., Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

11744— Pulleys (Iron Split)

Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Dodge Sales & Engineering Co. ("Standard"), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Golden's Foundry & Machine Co., Columbus, Ga.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., N Adams, Mass.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Roanoke Iron Works, Inc., Roanoke, Va.
Salem Foundry & Machine Works, Salem, Va.
Standard Pulley Co., 1734H Power, Cincinnati, O.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

11745—Pulleys (Leather Rim)

Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.

11746— Pulleys (Loose)

American Pulleys Co., 114 S Clinton, Chicago, Ill.
Atlas Ball Co., 4th & Glenwood av, Phila., Pa.
Bailey Burruss Mfg. Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks Co. (Jobbers), 416 Broome, New York
Golden's Foundry & Machine Co., Columbus, Ga.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., N Adams, Mass.
Jones W. A. Foundry & Machine Co. (Ring Oiling), 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
McMaster-Carr Supply Co. ("Maymont," Self-Oiling), 174 N Market, Chicago, Ill.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Nordyke & Marmon Co. (Also Tight), Kentucky av & Morris, Indianapolis, Ind.
Saginaw Mfg. Co., Saginaw, Mich.
S. C. Regulator Mfg. Co. (Wood), Fostoria, Ohio
Standard Pulley Co., 1734H Power, Cincinnati, O.
Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Wilmarth & Morman Co. ("Nelson"), 1151 Monroe av N W, Grand Rapids, Mich.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Also Light), Chambersburg, Pa.

11747—Pulleys (Machine Moulded)

Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Cork Insert Co. (Cork Insert), 164 Federal, Boston, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Delano E. A. Co., 1401 W North, Chicago, Ill.
DODGE SALES & ENGINEERING CO. (For any service), Mishawaka, Ind.
Fairbanks Co. (Jobbers), 416 Broome, New York
Goldens' Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
McLagon Foundry Co., New Haven, Conn.
Mobile Stock & Pulley Mfg. Co., Mobile, Ala.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Standard Pulley Co., 1734H Power, Cincinnati, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Union Iron Wks., Decatur, Ill.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

11747a—Pulleys (Magnetic)

Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
See adv index at end of book
Magnetic Mfg. Co. (High Duty), 279 23rd av, Milwaukee, Wis.
See adv index at end of book

11748— Pulleys (Paper)

Rockwood Mfg. Co. ("American"), 1801 English av, Indianapolis, Ind.

11748a— Pulleys (Plow)

Fraser & Jones Co., Syracuse, N. Y.
Stowell Co., The, So. Milwaukee, Wis.

11749—Pulleys (Pressed Steel)

American Pulley Co. (Split), 114 S Clinton, Chicago, Ill.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Cresson-Morris Co., 18th & Allegheny, Phila., Pa.
Dodge Steel Pulley Corp., Oneida, N. Y.
Fairbanks Co. (Jobbers), 416 Broome, New York
Barry Co., Muscatine, Ia.
Philips Pressed Steel Pulley Works, Chestnut Hill, Phila., Pa.
Porter Machine Co., Wooster, O.
Worcester Pressed Steel Co. (Flat Crown Face & Split), Worcester, Mass.
See adv index at end of book

11750— Pulleys (Sash)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pulley Co. (Pressed Metal), 114 S Clinton, Chicago, Ill.
Austin & Eddy, 117 Broad, Boston, Mass
Chantrell Hardware & Tool Co., Reading, Pa.
Clarkson Mfg. Co. (Ball Bearings), Lancaster & Dallas, Baltimore, Md.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Enterprise Foundry Co. (Ltd.), Nixon & Manhattan, Pittsburgh, Pa.
Gardner Sash Pulley Co. (Ball Bearing), 15 N Jefferson, Chicago, Ill.
Grand Rapids Hardware Co. ("Grand Rapids" All Steel Ball Bearing) Grand Rapids, Mich.
Grant Pulley & Hardware Co. ("Grant" Overhead & "American" Steel), 101 Park av, New York
Johnston & Sharp Mfg. Co. ("Ottumwa" Ball Bearing Steel), Ottumwa, Ia.
Kline Hardware Co, Allentown, Pa.
McDonough Mfg. Co., Eau Claire, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co. ("Penn-Titian," "Penn - Vulcan," "Penn - Spartan"), Reading, Pa.
Reading Hdw. Co. (Ball & Roller Bearing), Reading, Pa.
Riverside Foundry Co., Wrightsville, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Seidel Mfg. Co. ("Seidel" Noiseless), Boatmen's Bank bldg, St. Louis, Mo.
Sloan Frank B. & Co. ("Norris," etc.), 209 E Fayette av, Baltimore, Md.
Smith Frank F. Hardware Co. ("Smith's Improved "Overhead"), 81H Clay, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.

11751— Pulleys (Screw)

Judd H. L. Co., 87 Chambers, New York
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

11752—Pulleys (Self-Oiling)

Brown A. & F. Co., 79 Barclay, New York
Brown Engineering Co. ("Brown"), 100 N 3rd, Reading, Pa.
Caldwell W. E. Co., Louisville, Ky.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Holyoke Machine Co., Worcester, Mass.
Luther B. G. Co., Worcester, Mass.
McMaster-Carr Supply Co. ("Maymont" Loose), 174 N Market, Chicago, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Susquehanna Casting Co., Wrightsville, Pa.
Walker Mfg. Co., Denver, Colo.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Wrightsville Hdw. Co. ("Niagara," "Star," "Acme," "Gem" & "Empire" for Auger Mortises), Wrightsville, Pa.

11753—Pulleys (Show Case)

Gardner Sash Pulley Co. (Ball Bearing), 15 N Jefferson, Chicago, Ill.
Grant Pulley & Hardware Co., 101 Park av, New York
Penn Hardware Co., Reading, Pa.

Pulleys (Sleet Proof)

See Pulleys, Arc Lamp

Pulleys (Speed Changing)

See Variable Speed Transmission

11754—Pulleys (Steel Split)

American Machinery Co. ("American"), 103 W Water, Milwaukee, Wis.
DODGE SALES & ENGINEERING CO. ("Oneida," "National," "Keystone"), Mishawaka, Ind.
Fairbanks Co. (Jobbers), 416 Broome, New York
Philips Pressed Steel Pulling Works, H Chestnut Hill, Phila., Pa.

Pulleys (Well)

See Wheels, Well

11755—Pulleys (Wire Tightening)

Smith Otis A. (Pulley & Eccentric Clamp Attached for Wire Fence & Telephone Wire, etc), Rockfall, Conn.

11755a— Pulleys (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Regulator S. C. Mfg. Co., Fostoria, O.
eral, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11756—Pulleys (Wood Rim)

Carey W. W. Co., Lowell, Mass.
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
DODGE SALES & ENGINEERING CO. (Iron Centre for Heavy Duty), Mishawaka, Ind.
Erie Clutch & Pulley Co., Erie, Pa.
Lane Mfg. Co., Montpelier, Vt.
Regulator S. C. Mfg. Co., Fostoria, O.
Saginaw Mfg. Co., Saginaw, Mich.

11757— Pulleys (Wood Split)

Burlingame A. Co., Worcester, Mass.
Chicago Pulley & Shafting Co., 40H S. Clinton, Chicago, Ill.

Detroit Wood Pulley Co., Detroit, Mich.
DODGE SALES & ENGINEERING CO. ("Independence," "The Dodge Pulley," Balanced), Mishawaka, Ind.
Eclipse Wood Pulley Co., Berlin, Pa.
Erie Clutch & Pulley Co. ("Tornado"), Erie, Pa.
Excelsior Pulley Co. ("Excelsior"), Cuba, N. Y.
Fairbanks Co. (Jobbers), 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Forster John M. Co., Rochester, N. Y.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Ohio Valley Pulley Works (Limestone), Maysville, Ky.
Oneida Wood Pulley Co. ("Oneida"), Oneida, N. Y.
Portland Pulley Co., Portland, Ore.
Reading Wood Pulley Co. (Wood Rim & Wood Centre & Wood Rim & Iron Centre), Reading, Pa.
Reeves Pulley Co., Columbus, Ind.
Roanoke Iron Works, Roanoke, Va.
Saginaw Mfg. Co. ("Gilbert"), Saginaw, Mich.
Salem Foundry & Machine Works, Salem, Va.
S. C. Regulator Mfg. Co., Fostoria, Ohio
Strong, Carlisle & Hammond Co. ("Reeves"), 336-344 Frankfort av, N W, Cleveland, O.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11758—Pulleys (Wrought Steel)

American Pulley Co. ("American" Whole Steel),, 114 S Clinton, Chicago, Ill.
Chicago Pulley & Shafting Co., 40H S. Clinton, Chicago, Ill.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book.*
Cork Insert Co. ("Cork Insert"), 164 Federal, Boston, Mass.
Dick R. & J. Ltd. ("Barry Steel Split Pulley"), Passaic, N. J.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Medart Patent Pulley Co. (Steel Rim), 3500 De Kalb, St. Louis, Mo.
MEESE & GOTTFRIED CO. (Steel Rim), 660 Mission, San Francisco, Cal.
Rhode Island Supply & Sprinkler Co. ("Keystone," Jobbers), 156H W. Exchange, Providence, R. I.
Strong, Carlisle & Hammond Co. ("American"), 336-344 Frankfort av, N W, Cleveland, O.
New York

11759— Pulls (Box)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Ludwig A. & Co., 75 Spring, New York

11760— Pulls (Closet)

American Brass & Copper Co., 138 Lafayette, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Bogert & Hopper, Inc., Wooden), 57 Barclay, New York
See adv index at end of book
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Ireland & Matthews Mfg. Co. (Metal), Beard & Chatfield, Detroit, Mich.
Maddock John & Sons (Porcelain), Trenton, N. J.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works (Porcelain), Trenton, N. J.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Silicocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Trenton Potteries Co. (Porcelain), Trenton, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wolverine Brass Works, Grand Rapids, Mich.

11761— Pulls (Door)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Arcade Mfg. Co., Freeport, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bogert & Hopper, Inc.(Wood), 57 Barclay, New York *See adv index at end of book*
Brainerd Mfg. Co., East Rochester, N. Y.
Brewer Bros. Co. (Wrought), 2d & Somerset, Phila., Pa.
Brey & Krause Mfg. Co., Allentown, Pa.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Champion Hardware Co. ("Champion"), Geneva, O.
Columbian Hardware Co ("Columbian" & "Gem"), Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Frantz Mfg. Co., Sterling, Ill.
Grey Iron Casting Co. (Plain & Fancy), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned), St. Louis, Mo.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hunt, Helm & Ferris & Co., Harvard, Ill.
Ives H. B. Co., New Haven, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Lawrence Bros., Sterling, Ill.
National Mfg. Co. (All Steel), Sterling Ill.
Norwalk Lock Co., South Norwalk, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Parker Wire Goods Co., Worcester, Mass.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Richards Benj. & Co., Winsted, Conn.
Richards-Wilcox Mfg. Co. ("Richards"
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (All Steel Door & Cabinet), Sharon, Pa.
Shelby Spring Hinge Co. (Steel), Shelby, Ohio
STANLEY WORKS (Barn & Garage Door, Wrought Steel), New Britain, Conn.
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stover Mfg. & Engine Co. (Also Barn Door), Freeport, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Tru Lite Mfg. Co. (Pendant), Dept H, Bradford, Pa.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

11762-3— Pulls (Drawer)

Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
American Ring Co., Waterbury, Conn.
Arcade Mfg. Co., Freeport, Ill.
Berbecker & Rowland Mfg. Co. (Cast & Wrought Brass Ring, Drop), Waterville, Conn.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Brooks M. S. & Sons, Chester, Conn.
Champion Hardware Co. ("Champion"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Clark W. J. Co., Salem, O.
Columbian Hardware Co., Cleveland, O.
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin P. & Y., New Britain, Conn.
Dent Hardware Co. (Plain, Ornamental, Escutcheons & Druggists', etc), Fullerton, Pa.
Eagle Lock Co., Terryville, Conn.
Ellis Mfg. Co., Milldale, Conn.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Foster, Merriam & Co., Meriden, Conn.
Frantz Mfg. Co., Sterling, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hardware Supply Co., Grand Rapids, Mich.
Harry Bros. Mfg. Co. (Polished Brass), 282 Woodbridge E, Detroit, Mich.
Illinois Glass Co., Alton, Ill.
Ives H. B. Co., New Haven, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Keeler Brass Co., Grand Rapids, Mich.
Lawrence Bros. (Steel), Sterling, Ill.
McKinney Mfg. Co. (Pressed Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
National Brass Mfg Co. (Metal), Cincinnati, Ohio
National Lock Co. (Or Furniture), Rockford, Ill.
National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.
Parker Wire Goods Co., Worcester, Mass.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penna Hardware Co., Reading, Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Richards Benj. & Co., Winsted, Conn.
Rowe Henry Mfg. Co., Newaygo, Mich.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.
Shelby Spring Hinge Co. (Steel, Bronze or Brass Metal, Polished), Shelby, O.
Standard Mfg. Co., Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Stover Mfg. & Engine Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (Drop), Cleveland, O.
Weber-Knapp Co., Jamestown, N. Y.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

11764— Pulls (Screen Door)

American Ring Co., Waterbury, Conn.
Brooks M. S. & Sons (Also Ring Shade Pulls), Chester, Conn.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hunt, Helen, Ferris & Co. ("Star," "Handy"), Harvard, Ill.
Ives H. B. Co., New Haven, Conn.
Kohler F. E. & Co., Canton, O.
Penn Hardware Co., Reading, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Stover Mfg. & Engine Co., Freeport, Ill.

Pulls (Tank)

See Pulls, Closet

11765— Pulp (Soda Wood)

Champion Fibre Co., Hamilton, O.

11765a—Pulp (Sulphite Wood)

Champion Fibre Co., Hamilton, O.

11766— Pulpit & Altar Rails

Columbus Brass Co., 538 Dublin av, Columbus O.
See adv index at end of book
Crescent Art Metal Co., Bridgeton, N. J.
Hyde-Murphy Co., Ridgway, Pa.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O.
See adv index at end of book
Wis. Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

11767—*Pulpits (Marble & Composition)

Deprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*

11767a— Pulsometers (Acid)

Pulsometers Steam Pump Co., 220 W. 42d, New York

11767b—Pulverized Coal Burning Equipment

American Industrial & Equipment Co., 53 W. Jackson blvd, Chicago, Ill.
Amsler Morton Co. ("Amsler"), Hoboken, Pa.
Bonnot Co., Canton, O.
Quigley Furnace Specialties Co., 26 Cortlandt, New York

Pulverizers

See Crushers, various kinds; also Pulverizing Machinery; also Mills, Grinding

11767c—Pulverizers (Air Separation)

Aero Pulverizing Co., 120 B'way, New York
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Kent Mill Co., 10 Rapelyea, Br'klyn, N. Y.
Raymond Bros., Impact Pulverizer Co., 1346 N Branch, Chicago, Ill.
Stroud E. H. & Co., 928 Fullerton av, Chicago, Ill.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11768—Pulverizers (Cement)

See also Cement Machinery

Abbe Paul O., Inc., 924 Johnston bldg., New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Bonnot Co., Canton, O.
FULLER-LEHIGH CO., Fullerton, Pa. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 92 Lafayette, New York
Standard Equipment Co. ("Standard"), 185 Church, New York

11769— Pulverizers (Clay)

See also Crushers, Clay

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
American Pulverizing Co., 1729H Austin, St. Louis, Mo.
Bonnot Co., Canton, O.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Mead & Co., Detroit, Mich.
Mine & Smelter Supply ("Masso"), 42 B'way, New York
Raymond Bros. Impact Pulverizer Co., 1346 N Branch, Chicago, Ill.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
United Iron Works, Inc., Kansas City, Mo.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11770— Pulverizers (Coal)

See also Crushers, Coal & Coke

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Aero Pulverizer Co., 120 B'way, New York
American Industrial Engineering Co., H Monadnock bldg, Chicago, Ill.
Bonnot Co., Canton, O.
Erie City Iron Works, Erie, Pa.
Fuller Engineering Co., Dept H, Allentown Natl Bank bldg, Allentown, Pa.
FULLER-LEHIGH CO., Fullerton, Pa. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 92 Lafayette, New York
Lehigh Car Wheel & Axle Works, Catasauqua, Pa.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Powdered Coal Eng. & Equipment Co., 2401 W. Washington blvd., Chicago, Ill.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
United Iron Works, Inc., Kansas City, Mo.
Webster Mfg. Co., 4500-60 Courtland, Chicago, Ill.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11771— Pulverizers (Disc)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
California Plow Co., 140 Polhemus, San Jose, Cal.
Denver Fire Clay Co., Denver, Colo.
Iler Foundry & Mfg. Co., 6605 St. Clair, Cleveland, O.
Mead & Co., Detroit, Mich.

11772— Pulverizers (Emery)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*

11773—Pulverizers (Laboratory)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Braun-Knecht-Heimann Co. (& Grinders), 576-584 Mission, San Francisco, Cal.
Fulton Drop Forge Co., Canal, Fulton, O.
Iler Foundry & Mfg. Co., 6605 St. Clair, Cleveland, O.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Mead & Co. (Dry Colors & Dye Stuffs), Detroit, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11774—Pulverizers (Lime Pulver for Limestone)

Bonnot Co., Canton, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

11775 —Pulverizers (Soil)

Dayton-Dowd Co., Quincy, Ill.
Dunham Co. ("Culti-Packers"), Berea, O.

11776— Pulverizers (Stone)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Acme Road Machinery Co., All Kinds (Limestone), Frankofrt, N. Y.
American Pulverizer Co., 1729 Austin, St. Louis, Mo.
Beach-Russ Co., 50G Church, New York
Hardinge Conical Mill Co. ("Hardinge"), 120 B'way, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
New Holland Machine Co. (Limestone) New Holland, Pa.
Pennsylvania Crusher Co. ("Pennsylvania," Hammer Crusher), Stephen Girard bldg, Phila., Pa.
Raymond Bros. Impact Pulverizer Co. ("Raymond"), 1346 North Branch, Chicago, Ill.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.
Stroud E. H. & Co., 928-934 Fullerton av Chicago, Ill.
Williams Patent Crusher & Pulverizer Co. 813 Montgomery, St. Louis, Mo.

11777— Pulverizers (Sugar)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Mead & Co., 19th & M. C. R. R., Detroit, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11778— Pulverizers (Wood)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
MITTS & MERRILL (For Extracting Turpentine, Tannin, Dye Woods & Essential Oils), 1939 So. Water, Saginaw, Mich.

11779— Pumice Brick

Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Doggett Stanley (Imp., Purified), 11 Cliff, New York.
Rhodes James H. & Co. ("Rhodes" Bimsstein Fabrik), 2810 S Albany, Chicago, Ill.
Waddell R. J. & Co. (Imp), 52 Beekman, New York

11780— Pumice (Domestic)

American Pumice Co., 111 W Monroe, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

11781—Pumice Stone Importers

See also Rotten Stone

Behrend F., 170 Front, New York
Carbondale Sponge Co., 89 Fulton, New York
CHRYSTAL CHARLES B. (Powdered, Lump & Brick), 13 Cliff, New York *See adv index at end of book*
Doggett Stanley (Imp.), 11 Cliff, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harrison Supply Co. (Selected Lump), 209 Washington, Boston, Mass.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Penna-Keystone Co., 41 Union sq, New York
Rhodes Jas. H. & Co. (Grinders of Italian), 157 W Austin av, Chicago, Ill.
Thurston F. W. Co. (Powdered & Lump), 1832 S Clark, Chicago, Ill.
Van Amringe Theo. & Son, 81 Fulton, New York
Waddell R. J. & Co., 52 Beekman, New York
Wagner Charles A. Co. Inc., 222H No Front, Phila., Pa.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

11781a— Pump Primers

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

11781b— *Pump Repairs

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Pump Starters (Automatic)

See Self Starters

11781c—*Pump Valves & Seats (Rubber)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York *See adv index at end of book*
Schacht Rubber Mfg. Co., Huntington, Ind.

11782-3— Pump & Engine (Combined)

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Van Nouhuys Mach. Kks., Albany, N. Y.

Pumping Machinery

See Machinery, Pumping; also Pumps, Various Kinds

11784—Pumping Outfits (Horse Power)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Quimby, Wm. E., Inc., 209 Parkhurst, Newark, N. J.
U. S. Wind Engine & Pump Co., Batavia, Ill.

11785—Pumping Outfits (Odorless)

Carter Ralph B. Co. ("Humdinger"), 152 Chambers, New York
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Noble H. A. Co. ("National"), 305 N 2d, Phila, Pa.
Van Nouhuys Mach. Wks., Albany, N. Y.

11786—Pumping Systems (Fuel Oil)

Wilgus Mfg. Co. ("Wilgus" for Steam Plants), Los Angeles, Cal.

11787—*Pumping Systems (Return Air)

Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
INGERSOLL-RAND CO. (Air Lift), 11 B'way, New York *See adv index at end of book*

11788— Pumping Units

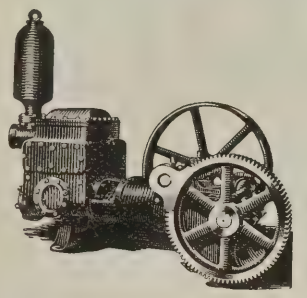
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Gardner Governor Co., 23 Williamson, Quincy, Ill.
Moore Samuel L. & Sons (Pump & Oil Engine Combined), Elizabeth, N. J.
Van Nouhuys Mach. Wks., Albany, N. Y.

11789— Pumps (Acid)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works (The), 112 B'way, Aurora, Ill. *See adv index at end of book*
Aterite Co., Inc., N. E. Cor John & William, New York
BEACH-RUSS CO., 50G Church, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Cameron A. S., Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Chemical Equipment Co., 2457 S. Western av, Chicago, Ill.
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, Inc., 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Lobee Pump & Machinery Co., Est., Buffalo, N. Y.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.

GARDNER

Pumps -- Governors --- Compressors



Gardner Duplex Power Pump is only one of the Gardner family of Pumps, Governors and Compressors built right for 62 years.

It occupies small floor space, can be operated from line shaft, or gas engine. Also arranged with motor on top of pump. Especially desirable where pump is required for isolated jobs.

THE GARDNER GOVERNOR COMPANY
Quincy, Illinois

Chicago Fisher Bldg. | New York Singer Bldg. | Philadelphia 604 Arch St. | San Francisco 505 Howard St. | Los Angeles 409 E. Third St.

Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
National Foundry & Machine Co., Louisville, Ky.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal. & 33 W 42d, New York
Oliver Mfg. Co., 4th & Madison, Oakland, Cal.

ERIE



PUMPS

CENTRIFUGAL PUMPS
DREDGE PUMPS
STEAM ENGINES

ERIE PUMP & ENGINE WORKS
149 GLENWOOD AVE.
MEDINA, N. Y.

Penna. Pump & Compressor Co., Easton, Pa.
Process Engineering Co., Penna bldg, Phila., Pa.
Schramm Chris D. & Son, Inc., Dept. H, West Chester, Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11790—Pumps (Acid, Hard Rubber)

Aldrich Pump Co., Allentown, Pa.
American Hard Rubber Co. (& Pines & Fittings), 9 Mercer, New York

11791—Pumps (Acid Metal)

Aldrich Pump Co., Allentown, Pa.
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Johnson John Co., 203 37th, B'klyn, N. Y.
Nassau Valve & Pump Co., Inc., Rockville Center, L. I., N. Y.
NATIONAL 'TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.
Traylor Engineering Manufacturing Co., Allentown, Pa.
See adv index at end of book

11791a—Pumps (Acid Proof)

Aldrich Pump Co., Allentown, Pa.
CHEMICAL PUMP & VALVE CO., THE (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Traylor Engineering Manufacturing Co., Allentown, Pa.
See adv index at end of book

11792— Pumps (Air)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Air Device Co., 2975 Cottage Grove av, Chicago, Ill.
Alberger Pump & Condenser Co., 140 Cedar, New York
Allis-Chalmers Mfg. Co. (Steam Power), Milwaukee, Wis.
American Electric Air Pump Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
Asbell S. J. Co. (Hand), Paterson, N. J.
Automatic Electric Pump Co., Davenport, Ia.
BEACH-RUSS CO. (For Agitating), 50G Church, New York
See adv index at end of book
Bethlehem Shipbuilding Corp., Ltd. (Monotype, Marine & Land), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Bishop & Babcock Co. (Hand & Electric Automatic), 1204 E 55th, Cleveland, Ohio
Black & Decker Mfg. Co., 111 So. Calvert, Baltimore, Md.
Blakeslee Mfg. Co., Du Quoin, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co. (Hand Circulating), Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Carron A. M. Machine Co. (Small Electric), Penn & Barbeau, Pittsburgh, Pa.
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Comstock A. S. (Motor Driven), Evanston, Ill.
Connellsville Foundry Machine & Steel Casting Co., Connellsville, Pa.
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Dart, E. M., Mfg. Co. (Unions), 134 Thurbers av, Providence, R. I.
See adv index at end of book
Davidson M. T. Co. (Single & Twin Cylinder, etc), 154 Nassau, New York
Dean Bros. Steam Pump Works, (Twin Cylinder), 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem O.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.

MYERS PUMPS FOR EVERY PURPOSE

Myers Pumps—many styles — for service on farms and plantations; in homes, factories, mills and mines; at summer resorts, hotels, parks, etc.; also used for drainage or irrigation work, fire fighting, public water supply and similar purposes. Operation by hand, windmill, gas engine, electric motor, horse, bullock or other power.

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F. E. MYERS & BRO.
No. 900 ORANGE STREET
ASHLAND, OHIO



PUMPS (AIR)—continued
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Economy Pumping Machy. Co. (Electric of Power), 122 Curtis, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville,
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam), 2018 S 3rd, St. Louis, Mo.
GARDNER GOVERNOR CO., 23 Williamson, Quincy, Ill.
See adv index at end of book
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Garrison Brass & Machine Works, 107 W 13th, New York
Globe Mfg. Co., Battle Creek, Mich.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Harris Air Pump Co., 421 W South, Indianapolis, Ind.
Humphryes Mfg. Co. (Hand), Mansfield, O.
Indiana Air Pump Co., Indianapolis, Ind.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Knott L. E. Apparatus Co. (For School Demonstration), 79 Amherst, Cambridge, Mass.
Manistee Iron Works Co., Manistee, Mich.
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
MYERS F. E. & BRO. (Hydro-Pneumatic, "Century" Low Down & "Bulldozer," "Electric Automatic"), 900 Fourth, Ashland, O. *See adv index at end of book*
Nash Engineering Co. ("Nash" Hydro-Turbine, South Norwalk, Conn.
National-Standard Co., Box 211 Niles, Mich.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
N. Y. Air Brake Co., 165 B'way, New York
Pattin Bros. Co., Marietta, O.
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.
Schramm Chris. D. & Son, Inc., Dept. H, West Chester, Pa.
Strater Herman & Sons (Beer), 74 Sudbury, Boston, Mass.
Ten Eyck Pump Co., 141-49 W 62nd st, Chicago, Ill.
See adv index at end of book
Union Iron Works Co. (And Condenser), 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co. (Direct Acting), Battle Creek Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Ward Love Pump Co. ("Ward-Low" Double Cylinder), Rockford, Ill.
West Side Fdry. Co., Troy, N. Y.
Warren Steam Pump Co. (And Condenser), Warren, Mass.
Wheeler C. H. Mfg. Co. ("Mullan" Suction, Valveless, "Pratt Rotrex," "Thyssen Entrainment"), Lehigh & 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler-Edwards" Suction Valveless, "Wheeler" Rotative Dry Vacuum, "Wheeler" Turbo Air Pump, "Wheeler" Steam Jet Air), W. Carteret, N. J. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11792a—*Pumps (Air Chamber)

DEMING CO., Salem, O.
See adv index at end of book

11793—*Pumps (Air, Exhausters)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book

11794— Pumps (Air Lift)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Emerson Pump & Valve Co., Alexandria, Va.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Indiana Air Pump Co., Indianapolis, Ind.
INGERSOLL-RAND CO. ("Imperial," "Pohle" & "Saunders" & Return Air), 11 B'way, New York
See adv index at end of book
KIMBALL FRANK J. CO., 1860 E. 15th, Los Angeles, Cal.
Latta-Martin Pump Co., Hickory, N. C.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.
Talbot Air Lift Co., 335 W 4th, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11795—Pumps (Air Line, Vacuum Heating)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Chicago Pump Co., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
CROWELL MFG. CO. ("Crowell"), 290 Taaffe pl, Brooklyn, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williams, Quincy, Ill. *See adv index at end of book*
McAlear Mfg. Co. (Electric & Steam), 1901 So. Western av, Chicago, Ill.

11796— Pumps (Air, Tire)

American Electric Air Pump Co. (Electric for Garages), Penn & Barbeau, Pittsburgh, Pa.
Ansonia Mfg. Co., Ansonia, Conn.
Anstice Josiah & Co., Dept. H, Rochester, N. Y.
Anthony Co., 138 West av, Long Island City, N. Y.
Apex Elec. Mfg. Co. ("Yankee"), 1410 W 59th, Chicago, Ill.
Automatic Electric Pump Co., Davenport, Ia.
Bay State Pump Co. ("Crane" Engine Drivers), 100 Purchase, Boston, Mass.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Bell Pump & Mfg. Co. ("Bell"), 78 Fort E., Detroit, Mich.
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Black & Decker Mfg. Co. ("Lectroflater", 111 So. Calvert, Baltimore, Md.
Bridgeport Brass Co. ("Bridgeport," "Stapley," "Aeolus," "Atlas," "Windjammer," "Crown"), Dept. H, Bridgeport, Conn.
Brown Co. ("Brown," "Virtue"), Syracuse, N. Y.
Byrne, Kingston & Co. ("Kingston" Special), Kokomo, Ind.
Carron A. M. Machine Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.
Central Brass & Fixture Co., Springfield, Ohio
Cleveland Faucet Co. ("Champion"), 1205 E 55th, Cleveland, O.
Codman & Shurtleff ("C. & S."), 120 Boylston, Boston, Mass.
Coe-Stapley Mfg. Co. (Hand, "Whirlwood," "Little Giant," "Coe-Stapley Special"), West Haven, Conn.
Cox Brass Mfg. Co. ("Boss" & Handy"), Albany, N. Y.
Dudely Tool Co., Menominee, Mich.
Fero Elec. Air Pump Co., Wilkinsburg, Pa.
Gant E. M. Mfg. Co., Inc. (Hand), Ethridge, Tenn.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
General Utility Co., 1326 Ogden, Phila., Pa.
Gleason-Peters Air Pump Co. ("G.-P."), 384 Classon av, Brooklyn, N. Y.
Globe Mfg. Co. ("Dead Easy"), Battle Creek, Mich.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Guarantee Liquid Measure Co., Union Arcade, Pittsburgh, Pa.
Hale Elec. & Engng. Co., 1232 E 3d, Cleveland, O.
Hancock Mfg. Co., Charlotte, Mich.
Haney J. H. & Sons ("Rose"), Omaha, Neb.
Hartford Machine Screw Co., Hartford, Conn.
Hill Pump Valve Co. ("Utility"), 4001-21 Belmont av, Chicago, Ill.
Imperial Brass Mfg. Co. ("Imperial-Wixen"), 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
Ingersoll Robt. H. & Bro. (Bicycle), 315 4th av, New York
See adv index at end of book
Jensen-Kohlert Mfg. Co., St. Charles, Ill.
Judd & Leland Mfg. Co. ("Eureka," "Triplex," "Columbia," "Hill," "Leland," "Tornado," "Cyclone," "Bonham," "Perfection," "Telescope," "Excelsior," "Victor," "J. & L. Special"), Clifton Springs, N. Y.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Krahn Mfg. Co., 598 Clinton, Milwaukee, Wis.
Lake Erie Mfg. Co. ("Gatling"), Buffalo, N. Y.
Lapoint J. N. Co. ("Arnold"), New London, Conn.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Livermore Homer F. ("Austin" Bicycle & Motorcycle), 85 Pearl, Boston, Mass.
Manzel Bros. Co. (Auto Engine Driven), 315 Babcock, Buffalo, N. Y.
Mayo-Skinner Mfg. Co. ("Skinner"), 54 E 18th, Chicago, Ill.
Motor Car Supply Co. ("Windejammer"), 1453 Michigan av, Chicago, Ill.
Newton Mfg. Corp. ("Carver"), Plainville, Conn. *See adv index at end of book*
Noera Mfg. Co., Waterbury, Conn.
Petry N. A. Co., Inc., 328-34 N Randolph, Phila., Pa.
Post & Lester Co., Hartford, Conn.
Quimby Mfg. Co., 1700 Washington av, Minneapolis, Minn.
Raymond Engineering Corp., 309 Lafayette, New York
Rome Bicycle Mfg. Co. (Bicycle), Rome, N. Y.
Rose J. A. Mfg. Co., Hastings, Nebr.
Schramm Chris. D. & Son, Inc., Dept. H, West Chester, Pa.
Shawver Co. ("Springfield"), Springfield, O.
Star Brass Works ("Binks" Electric), 3129 Carroll av, Chicago, Ill.
Stevens & Co. ("Ultra"), 373 B'way, New York
Sunderland Mfg. Co. ("Pitner," "Pitco" and "Sunderland"), 600 W. 22nd, Chicago, Ill.
Troy Auto Specialty Co. ("Hanna" Power), Troy, N. Y.
Turner Brass Works ("Turner" Pressure, Floor Pump), Sycamore, Ill.
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.
United States Electrical Tool Co., Cincinnati, O. *See adv index at end of book*
Utility Compressor Co., 1165 Harper av, Detroit, Mich.
West Side Foundry Co., Troy, N. Y.
Werner-Service Mfg. Co., 263 Fairmount av, Jersey City, N. J.
Wissler A. ("E-Z," Automatic Automobile), B'way & Wash. av, St. Louis, Mo.

11797—Pumps (Air & Water Combined)

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Myers F. E. & Bro. ("Myers" Cog Gear), 900 Fourth, Ashland, O.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge. Brooklyn, N. Y.
Quimby, Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Vogt Bros. Mfg. Co., Louisville, Ky.

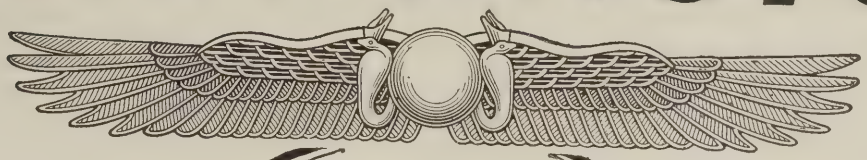
11798— Pumps (Alcohol)

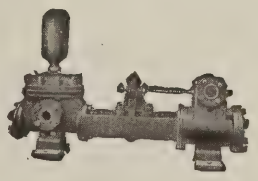
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minot, Minn.
See adv index at end of book
Tokheim Mfg. Co., Cedar Rapids, Ia.

11799— Pumps (Ale & Beer)

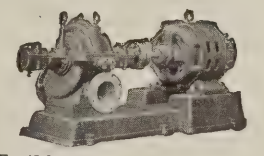
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Automatic Electric Pump Co., Davenport, Ia.
Berner H. D. & Winterbauer Co., 330 Lafayette, New York
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Brown Beer Pump Co., 11 Chardon, Boston, Mass.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Eagle Beer Pump Co., 17 New Chambers, New York
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
GARDNER GOVERNOR CO., 23 Williamson, Quincy, Ill.
See adv index at end of book
Gottlieb I., 332 W 52nd, New York
Janette Mfg. Co. (Automatic Electric), 617 W Jackson blvd, Chicago, Ill.
Lobee Pump & Machinery Co., Est., Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Mager C., 314 W 39th, New York
Miller John A., 600 Bergen av, New York
Mutual Beer Pump Co., 809 3d av, New York
Noe C., 492 E 167th, New York
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Russ Co. ("Cleveland"), 5700 Walworth av, Cleveland, O.
Sarge Kurt, 224 E 80th, New York
Schneible C. A., 132 E 121st, New York
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Varwig Mfg. Co. ("Electric"), 120 Opera pl, Cincinnati, O.

WORTHINGTON





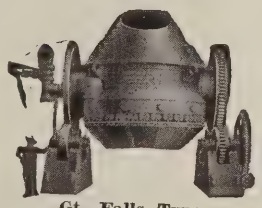
Worthington Simplex Pump



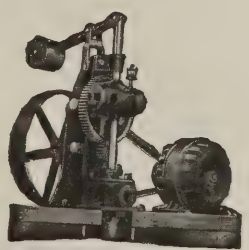
Worthington Centrifugal Pump
—Split Case



Worthington Duplex Pump
Pot Valve Pattern



Gt. Falls Type
Copper Converter



Worthington Deep Well Head

PUMPING MACHINERY

Power—Steam—Centrifugal

From small household water meters to high pressure pumps for hydraulic presses; from well pumps for the farm to giant pumps for dry docks, Worthington is turning out an unequalled variety of types and sizes. No pumping job in field, factory or mine but has its requirement best filled by the Worthington line.

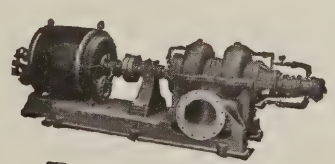
The Worthington experience is yours to command.

See reverse side for list of branch offices

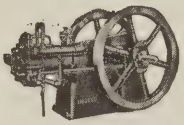
WORKS:

WORTHINGTON WORKS.....Harrison, N. J.
BLAKE-KNOWLES WORKS...East Cambridge, Mass.
POWER & MINING MCHY. WORKS....Cudahy, Wis.
GAS ENGINE WORKS.....Cudahy, Wis.
DEANE WORKS.....Holyoke, Mass.
LAIDLAW WORKS.....Elmwood Pl., Cincinnati, O.
SNOW-HOLLY WORKS.....Buffalo, N. Y.
HAZLETON WORKS.....Hazleton, Pa.
EPPING CARPENTER WORKS.....Pittsburgh, Pa.

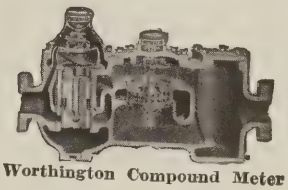
WORTHINGTON PUMP AND MACHINERY CORPORATION
115 BROADWAY NEW YORK



Worthington Bi-Rotor
Volute Pump



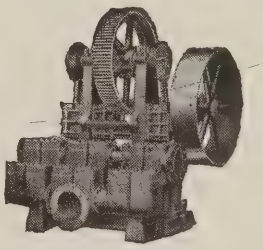
Worthington Gas Engine



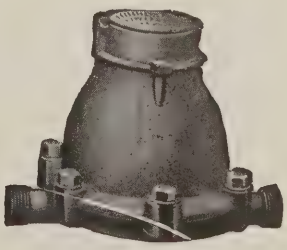
Worthington Compound Meter



Superior Jaw Crusher



Worthington Power Pump



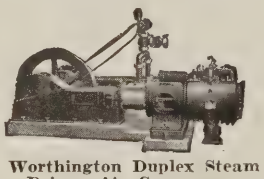
Worthington Disc Meter

WORTHINGTON





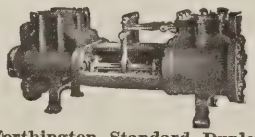
Worthington Single Steam Driven Air Compressor



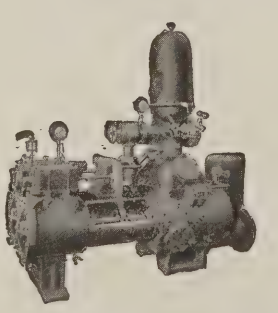
Worthington Duplex Steam Driven Air Compressor



Worthington Crude Oil Engine



Worthington Standard Duplex Pump



Worthington Underwriter Fire Pump

Also Air Compressors — Condensers—Oil Engines and Turbines

In addition to the world's largest variety of pumps and compressors, Worthington also offers a complete line of mining and smelting machinery, condensers to fit every requirement, gas engines of small and great load carrying capacity and other machinery of a kindred type.

Eight factories, each a specialist in its particular line, provide the facilities that make this production possible.

See reverse side for list of Worthington Works

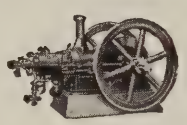
BRANCH OFFICES:

Atlanta	Cleveland	Los Angeles	Salt Lake City
Birmingham	Detroit	Mexico City	St. Paul
Boston	Denver	New Orleans	San Francisco
Buffalo	El Paso	Philadelphia	Seattle
Chicago	Houston	Pittsburgh	Tulsa
Cincinnati	Kansas City	St. Louis	Washington

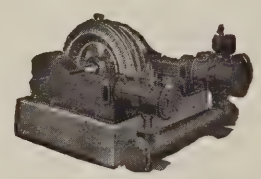
WORTHINGTON PUMP AND MACHINERY CORPORATION
115 BROADWAY NEW YORK



Worthington Turbine Meter



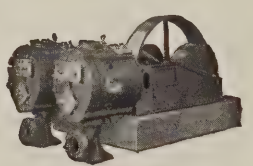
Worthington Semi-Diesel Crude Oil Engine



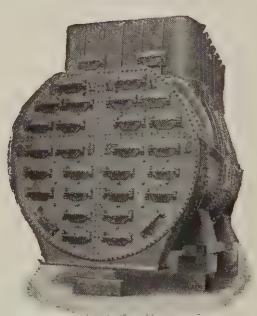
Worthington Duplex Motor Driven Air Compressor



Worthington Crushing Roll



Worthington Duplex Vacuum Pump



Worthington Condenser

11800— Pumps (Aluminum)

Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Humphryes Mfg. Co., Mansfield, O.

11801— Pumps (Ammonia)

See also Pumps, Steam

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Boyts, Porter & Co., Dept H, Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York *See adv index at end of book*
Columbus Iron Works, Columbus, Ga.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Luitwieler Pumping Engine Co., Rochester, N. Y.
National Foundry & Machine Co., Louisville, Ky.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Penna Pump & Compressor Co., Easton, Pa.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

11802—Pumps (Artesian Well)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill. *See adv index at end of book*
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Cook August D., Lawrenceburg, Ind.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co. (Horizontal & Vertical), 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O. *See adv index at end of book*
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co. (Gas, Gasoline & Oil), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
KEYSTONE DRILLER CO. ("Downie") Beaver Falls, Pa. *See adv index at end of book*
Luitwieler Pumping Engine Co., Rochester, N. Y.
Midwest Engine Co., Indianapolis, Ind.
National Steam Pump Co., Upper Sandusky, O.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.
Rider-Ericsson Engine Co., 20 Murray, New York
Rumsey Pump Co., Box J, Seneca Falls, N. Y.
Schramm Chris. D. & Son, Inc., Dept H, West Chester, Pa.
Standard Pump & Engine Co., Akron, O.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Union Steam Pump Co., Battle Creek, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

11803— Pumps (Automatic)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Blake Pump & Condenser Co. (Automatic Pumps & Receivers), Fitchburg, Mass.
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Brown, E. C., Co., Rochester, N. Y.
Chicago Pump Co., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Works, 327 W 10th, Indianapolis, Ind.
Decatur Pump & Mfg. Co. (and Elec.), Decatur, Ill.
DEMING CO., Salem, O. *See adv index at end of book*
Economy Pumping Machy. Co. (& Electric), 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fairbanks G. L. & Son, 166 Union, Worcester, Mass.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hartford Machine Screw Co. ("Master" Garage Power Tire), Hartford, Conn.
Luitwieler Pumping Engine Co., Rochester, N. Y.
McGowan John H. Co., Fourth National Bank bldg, Cincinnati, O. *See adv index at end of book*
Midwest Engine Co., Indianapolis, Ind.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co. (Automatic Pumps & Receivers), Oil City, Pa. *See adv index at end of book*
National Water Lift Co. ("National" for Residential Purposes), Kalamazoo, Mich.
Platt Iron Works Co. (Automatic Pump & Receiver), Dayton, O.
Quimby Wm. E. (Inc.), 209 Parkhurst, Newark, N. J.
Standard Pump & Engine Co., Akron, O.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP. (Automatic Feed Pumps & Receivers), 115 B'way, New York *See adv index at end of book*

11804— Pumps (Automobile)

See also Pumps, Air, Tire; also Pumps, Circulating

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Electric Air Pump Co. (Garage Air), Penn & Barbeau, Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
Apex Elec. Mfg. Co. ("Liberty") (Foot), 1410 W 59th, Chicago, Ill.
Atlas Brass Foundry Co., The ("Atlas" Water & Oil Circulating for Autos), Columbus, O. *See adv index at end of book*
Automatic Electric Pump Co., Davenport, Ia.
Bridgeport Brass Co., Dept H, Bridgeport, Conn.
Brown Co., Syracuse, N. Y.
Cincinnati Lubricant Pump Co., Blanchester, O.
Coe-Stapley Mfg. Corp., West Haven, Conn.
DEMING CO., Salem, O. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Erie Pump & Engine Works (Circulating), 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Goulds Mfg. Co. (Tire & Tank), 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hill Pump Valve Co. (Tire, "Utility"), Archer av, Canal & 23d, Chicago, Ill.
Howell W. H. Co., Geneva, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Manzel Bros. Co. (Auto Engine Driver), 315 Babcock, Buffalo, N. Y.
Moon Bros. Mfg. Co. (Tire), 4900 McKissock, St. Louis, Mo.
National Gauge & Equipment Co. ("National"), La Crosse, Wis. *See adv index at end of book*
Noera Mfg. Co., Waterbury, Conn.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Rose J. A. Mfg. Co., Hastings, Neb.
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.
Ward Pump Co. ("Ward" Double Cylinder Air), Rockford, Ill.
West Side Foundry Co., Troy, N. Y.

11805—*Pumps (Ball Valve)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11806— Pumps (Ballast)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

11807— Pumps (Barrel)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Albert Lea Sprayer Co., Albert Lea, Minn.
Aldrich Mfg. Co. (All Copper), Buffalo, N. Y.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Beman Automatic Oil Can Co. ("Beman," Rotary, for Transferring Oil from Barrel to Tank), Meadville, Pa.
Brown, E. C., Co., Rochester, N. Y.
DEMING CO., Salem, O. *See adv index at end of book*
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Monarch Mfg. Co., Council Bluffs, Ia.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
Ray Geo. A. Mfg. Co. (All Copper), Buffalo, N. Y.
Rothweiler & Co. ("Rothweiler"), 3391 1st av S, Seattle, Wash.
Sexton Can Co. ("Sexton" Rotary), 123 Broad, Boston, Mass.
Trahern Pump Co. (Rotary), Rockford, Ill.
U. S. Bottlers' Machinery Co. ("U. S." Hand), 2511 Park av, Chicago, Ill.

Pumps (Beer)

See Pumps, Ale & Beer

11808—Pumps (Belt-Driven)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Boyts Porter Co., Dept H, Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Carbondale Machine Co., Carbondale, Pa.
Cardwell Machine Co., 1900 E. Cary, Richmond, Pa. *See adv index at end of book*
Columbiana Pump Co., Columbiana, O.
Crowell Mfg. Co. (Air Only), 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O. *See adv index at end of book*
Dubois Iron Works, Dubois, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
French Oil Mill Machinery Co., Piqua, O.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.
Kinney Mfg. Co., 3541 Washington, Boston, Mass.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
Menge Pump & Machy Co., 862H Tchoupitoulas, New Orleans, La.
Morris Machine Works, Balwinsville, N. Y.

PUMPS (BELT-DRIVEN)—continued

MYERS F. E. & BRO. (Bulldozer), 900 Fourth, Ashland, O.
See adv index at end of book

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

National-Standard Co., Box 211, Niles, Mich.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book

Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Quimby Wm. E. (Inc.), 209 Parkhurst, Newark, N. J.

Rumsey Pump Co. (Ltd), Box J, Seneca Falls, N. Y.

San Diego Machine Co., San Diego, Cal.

Schramm Chris. D. & Son, Inc., Dept. H, West Chester, Pa.

Standard Pump & Engine Co., Akron, O.

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

Union Steam Pump Co., Battle Creek, Mich.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Bicycle)

See Pumps, Air Tire

11809— Pumps (Bilge)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.

Abendroth G. Irving Co. (Spiral or Straight Riveted), 10 E 43d, New York

Abendroth & Root Mfg. Co. (Spiral Riveted), Newburgh, N. Y.
See adv index at end of book

Aldrich Pump Co., Allentown, Pa.

American Cement Machine Co. ("American"), Keokuk, Ia.

AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book

Bishop's Wm. Sons (Brass & Copper), 18 James, New York

Blackmer Rotary Pump Co., Petoskey, Mich.

Blakeslee Mfg. Co., Du Quoin, Ill.

Boyts Porter Co., Dept H, Connellsville, Pa.

C. H. & E. Mfg. Co. ("C. H. & E." Portable Power Driven), 384 Clinton, Milwaukee, Wis.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Chicago Automatic Switch Co. (Float), 212 N Peoria, Chicago, Ill.

Chicago Pump Co. (Automatic, Electric), 2342 Wolfram, Chicago, Ill.
See adv index at end of book

Davidson M. T. Co., 154 Nassau, New York

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

DEMING CO., Salem, O.
See adv index at end of book

Durkee Chas. D. & Co. ("Crescent"), 2 South, New York
S Wabash av, Chicago, Ill.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Fairbanks, Morse & Co. (Diaphragm), 900 S. Wabash av, Chicago, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Humphryes Mfg. Co., Mansfield, O.

Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.

Kinney Mfg. Co. ("Kinney"), 3541 Washington, Boston, Mass.

Laughlin Thos. Co. (& Yacht), Portland, Me. *See adv index at end of book*

Lobee Pump & Machinery Co., East Buffalo, N. Y.

McGowan John H. Co., Cncinnati, O.
See adv index at end of book

Merritt Hydraulics Co. (Priestman"), 110 N Broad, Phila., Pa.

Monarch Valve Co. ("Monarch" Rotary), 112 Front, B'klyn, N. Y.

Morris Machine Works, Baldwinsville, N. Y.

MYERS F. E. & BRO. ("Myers" Low Down), 900 Fourth, Ashland, O.
See adv index at end of book

National Marine Lamp Co., Forestville, Conn.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book

Penna Pump & Compressor Co., Easton, Pa.

Platt Iron Works Co., Dayton, O.

Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.

Rumsey Pump Co. (Ltd.), (Ships, Main & Bilge), Box J, Seneca Falls, N. Y.

Sands Alfred B. & Son Co., 20 Vesey, N. Y.

Sharlow Bros. Co., 442 W 42d, New York

Steam John J. (Spiral & Straight Seam), 30 Clay, Brooklyn, N. Y.

Stein John J. (Spiral & Straight Seam), 30 Clay, Brooklyn, N. Y.

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.

Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York

Union Steam Pump Co., Battle Creek, Mich.

Vogt Bros. Mfg. Co., Louisville, Ky.

Wagener Steam Pump Co., Canton, O.

Wilcox, Crittenden & Co., Inc. ("Pequot" Power Driven & "Nutmeg"), Middletown, Conn.
See adv index at end of book

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

YOEMANS BROS. CO. ("Yoemans" Automatic Electric), 1436 Dayton, Chicago, Ill. *See adv index at end of book*

11810—Pumps (Boiler Feed)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.

Aldrich Pump Co., Allentown, Pa.

American Steam Pump Co., Battle Creek, Mich.

AMERICAN WELL WORKS, THE (Single Stage Duplex Type, Steam Turbine Driven), Aurora, Ill.
See adv index at end of book

Berry Engineering Co. ("Berry"), Chester, Pa.

Bethlehem Shipbuilding Corp., Ltd. (Locomotive), Dept H, Broadhead & Parker av, Bethlehem, Pa.

Binghamton Mach. Works, Binghamton, N. Y.

Bishop's Wm. Sons (Brass & Copper), 18 N. Y.

Blake Pump & Condenser Co. ("Duplex" & Single), Fitchburg, Mass.

Blakeslee Mfg. Co., Du Quoin, Ill.

Boyts, Porter & Co. (Double Plunger), Connellsville, Pa.

Buffalo Steam Pump Co., Buffalo, N. Y.

Burton & Johnson Co., 2301 Center av, Cleveland, O.

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book

Charleston Iron Works, Charleston, S. C.

CHICAGO PUMP CO., 2342 Walfram, Chicago, Ill. *See adv index at end of book*

Clot E. Mach. Wks., 940 Bryant, San Francisco, Cal.

Connor W. B., Inc., 90 West, New York

Coppus Engng. & Equipment Co., Worcester, Mass.

Crawford & McCrimmon Co., Brazil, Ind

Davidson M. T. Co., 154 Nassau, New York

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Decatur Pump & Mfg. Co., Decatur, Ill.

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

DEMING CO. (Hand and Power), Salem, O. *See adv index at end of book*

Douglas W. & B., Middletown, Conn.

Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.

Dubois Iron Works, Dubois, Pa.
See adv index at end of book

Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.

Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.

Erie Pump & Engine Works, Inc., 141 Glenwood av, Medina, N. Y.
See adv index at end of book

Evans C. H. & Co. ("Thomson & Evans"), 187 Fremont, San Francisco, Cal.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill

Farnsworth Co., Conshohocken, Pa.
See adv index at end of book

Farrar Pump & Machinery Co., Granite bldg, St. Louis, Mo.

Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.

GARDNER GOVERNOR CO., 23 Williamson, Quincy, Ill.
See adv index at end of book

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Great Lakes Engineering Works, Real Estate Exchange bld, Detroit, Mich.

Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.

Jamieson M. W. & Co., Warren, Pa.

Kruger & Blind Co., 511 Master, Phila., Pa.

Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section

Luitwieler Pumping Engine Co., Rochester, N. Y.

McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book

Manistee Iron Works Co., Manistee, Mich.

Midwest Engine Co., Indianapolis, Ind.

Moffatt Machinery Mfg. Co., Charlotte, N. C.

Myers F. E. & Bro. ("Myers"), 900 Fourth, Ashland, Ohio
See adv index at end of book

Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.



Built on the interchangeable system under the same rules of inspection inaugurated by the U. S. Shipping Board in the production of pumps for the Emergency Fleet. All pumps are guaranteed to perform the service recommended of them and against any defects arising during term of guarantee.

The John H. McGowan Co.
Cincinnati, O.

National Foundry & Machine Co., Louisville, Ky.

National Steam Pump Co., Upper Sandusky, O.

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.

Noye Bros. Co. (Run by Belt), Buffalo, N. Y.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Oram John S. Co., 1316 E 53rd, Cleveland, Ohio

Patterson-Kelly Co., 26 Cortlandt, New York

Pattin Bros. Co., Marietta, O.

Penna Pump & Compressor Co., Easton, Pa.

Platt Iron Works Co. (Either Single, Duplex, Compound Triplex or Fly Wheel), Dayton, O.

Pratt & Cady Co., Inc., Hartford, Conn.

Pratt Engineering & Machine Co., Atlanta, Ga.

Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.

Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.

Rock River Machine Co., Janesville, Wis.

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.

Schramm Chris. D. & Son, Inc., Dept H, West Chester, Pa.

Scranton Pump Co., Scranton, Pa.

Stewart Heater Co., N Tonawanda, N. Y.

Trahern Pump Co. (On Bed Plate), Rockford, Ill.

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

Union Steam Pump Co., Battle Creek, Mich.

Vogt Bros. Mfg. Co., Louisville, Ky.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Warren Steam Pump Co., Warren, Mass.

Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.

WESTINGHOUSE ELECTRIC & MFG. CO. (Centrifugal), East Pittsburgh, Pa.
See adv index at end of book

Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.

Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.

Witt G. E. Co., 862 Howard, San Francisco, Cal.

Woodard Machine Co., Wooster, O.

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11811—Pumps (Boiler Testing)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

Buckeye Iron & Brass Works (Hydraulic), Dayton, O.

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book

Dake Engine Co., Grand Haven, Mich.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

DEMING CO., Salem, O.
See adv index at end of book

Douglas W. & B., Middletown, Conn.

Dudgeon Richard (Hydraulic), 24 Columbia, New York

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Henderer's A. L. Sons, Wilmington, Del.

Hills McCanna Co. (Portable), 2025 Elston av, Chicago, Ill.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Penna Pump & Compressor Co., Easton, Pa.

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.

11812— Pumps (Bracket)

Davis-Hansen Co., Oshkosh, Wis.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

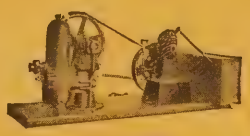


Fig. 1695
Outfit "N"

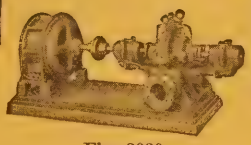
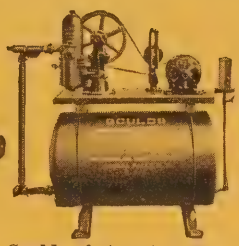


Fig. 3030



Goulds Autowater System (Outfit "X")



Fig. 1687



Fig. 3300



Fig. 1531
Form "Q" Drive

GOULDS PUMPS
FOR EVERY SERVICE

THE GOULDS MANUFACTURING CO.
SENECA FALLS, N. Y.

BRANCHES

Boston 58 Pearl St.	New York 16 Murray St.	Philadelphia 111 No. Third St.	Chicago 12-14 S. Clinton St.
Pittsburgh 636 Henry W. Oliver Bldg.	Atlanta Citizens & Southern Bank Bldg.	Houston 1001 Carter Bldg.	Detroit Dime Bank Bldg.

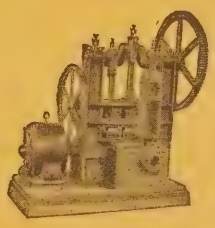


Fig. 1696
Form "C" Drive



Fig. 2971½



Fig. 562



Fig. 1185½



Fig. 1702



Fig. 1465



Fig. 3000



Fig. 2051½

A Few of the Many Services for Which GOULDS PUMPS Are Built

- Feeding Boilers, Pumping Sumps
- Operating Hydraulic Elevators
- Municipal Water Works
- Refrigerating Systems
- House Service in Hotels, Apartment House and Office Buildings
- Handling Milk, Cider, Vinegar, Wines and Other Liquid Products
- Filling Thresher Tanks
- Overhead Sprinkler Systems
- Pneumatic and Gravity Water Supply Systems
- Tank Pumping in Mills, Bleacheries, Dyehouses, Tanneries, Refineries, Breweries, etc.
- Oil Pipe Lines
- Fire Service
- Irrigation
- Emptying and Filling Oil Tank Cars
- Handling Heavy Liquids, such as Tar, Soap, Mud, Tan Liquors, Chemicals, Sewage, etc.
- Circulating Brine
- Circulating Hot Water in Heating Systems
- Unwatering Mines
- Pumping Bilge
- Handling Pulp and Stuff in Paper Mills
- Pumping Size in Textile Mills
- Vacuum Heating Systems
- Booster Service
- Hydraulic and Filter Presses
- Pumping out Excavations

Being the world's largest manufacturers of pumps for *every service*, we are able to supply you with the best pump for *each* service, and to guarantee that pump to do satisfactorily the work for which we sell it.



Fig. 1580



Fig. 1654



Fig. 1440



Fig. 1680



Fig. 1409

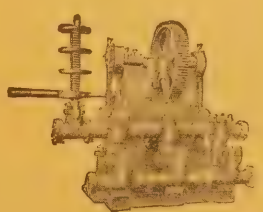
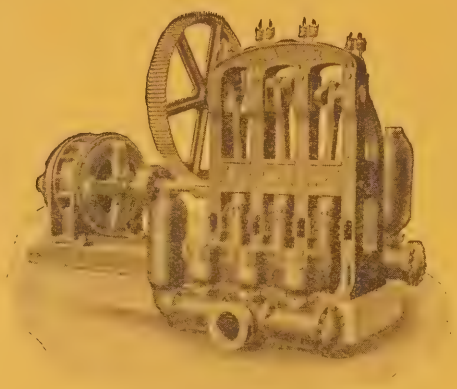
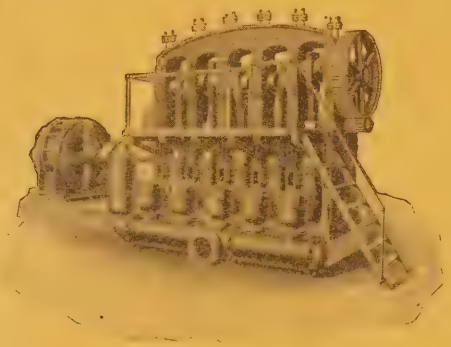


Fig. 1585

TRAYLOR



The Traylor Superpumps are built in both the Triplex and Quintiplex types, and for pressures up to 10,000 lbs. and capacities up to 6,000 gal. per minute. Bulletin 101 is full of worthwhile data. You should have it.





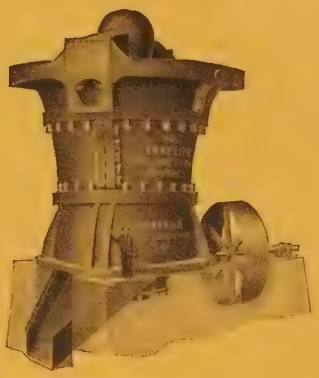
Traylor Heavy Duty Crushing Rolls do not corrugate nor flange. Sizes 18 in. x 10 in. up to 72 in. x 30 in., inclusive. Bulletin R-2 tells why.

TRAYLOR ENG. & MFG. CO.

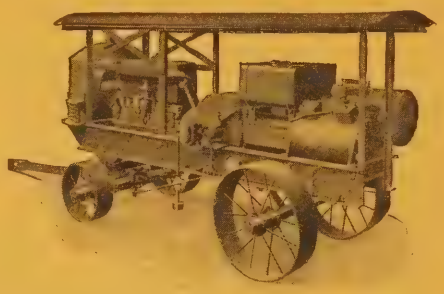
ALLENTOWN, PA.

NEW YORK
CHICAGO
PITTSBURGH
LOS ANGELES
SPOKANE

TRAYLOR

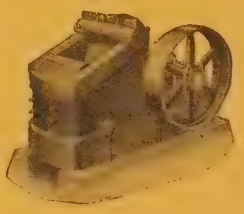


The Traylor Bulldog Gyratory Crusher with bend proof shaft made possible the largest stone crusher in the world. Built in sizes from 2½ in. up to 84 in. inclusive. Bulletin GX-1



Traylor Portable Compressors for mine and contractor are equipped with worm drive and are highly efficient. Gasoline, electric and steam driven. Bulletin 104.

The Traylor Bulldog Jaw Crushers will meet all your requirements for a highly efficient and economical stone crusher. Sizes 7″ x 10″ to 84″ x 120″ inclusive. Bulletin JX-1 tells you why.



TRAYLOR ENG. & MFG. CO.

ALLENTOWN, PA.

NEW YORK
CHICAGO
PITTSBURGH
LOS ANGELES
SPOKANE

11813— Pumps (Brass)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Bishop's Wm. Sons, 18 James, New York
Boyts Porter Co., Dept H, Connellsville, Pa.
Bridgeport Brass Co. (Auto, Bicycle, Motorcycle), Dept H, Bridgeport, Conn.
Brown, E. C., Co., Rochester, N. Y.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO. (Also Iron), Salem, O. *See adv index at end of book*
Douglas W. & B., Middletown, Conn.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haydenville Co., Haydenville, Mass.
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Penna Pump & Compressor Co., Easton, Pa.
Quimby, Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Union Steam Pump Co., Battle Creek, Mich.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Vogt Brothers Mfg. Co., Louisville, Ky.

11814— Pumps (Brewery)

See also Pumps, Steam

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Automatic Electric Pump Co., Davenport, Ia.
BEACH-ROSS CO., 50G Church, New York *See adv index at end of book*
Boyts Porter & Co., Dept H, Connellsville, Pa.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Penna Pump & Compressor Co., Easton, Pa.
Pulsometers Steam Pump Co., 220 W 42nd, New York
Quimby, Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Taber Pump Co. ("Taber" Centrifugal), Buffalo, N. Y.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.

11815— Pumps (Brine)

See Also Pumps, Steam

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works The, 112 B'way Aurora, Ill. *See adv index at end of book*
Aterite Co., Inc., n e cor John & William, New York
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Boyts Porter & Co., Dept H, Connellsville, Pa.
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O. *See adv index at end of book*
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, **N. Y.**
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Penna Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E. (Circulating), 209 Parkhurst, Newark, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

11816— Pumps (Bucket)

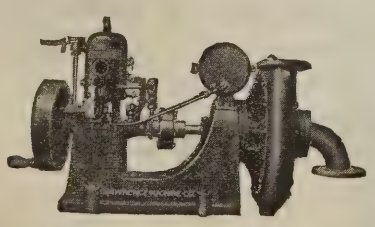
Albert Lea Sprayer Co., Albert Lea, Minn.
Biggs B. F. Pump Co. ("Boss"), Lafayette, Ind.
Brown, E. C., Co., Rochester, N. Y.
Butler Mfg. Co., Kansas City, Mo.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Cincinnati Pump Co., Liberty & Clay, Cincinnati, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Star Bucket Pump Co. ("Star"), 1218 N **15th, St. Louis, Mo.**

11817— Pumps (Cam)

Luitwieler Pumping Engine Co., Rochester, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.

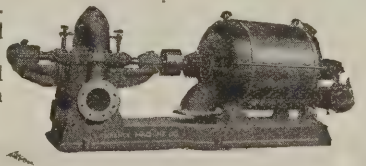
11818— Pumps (Centrifugal)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO. (Steam or Motor Driven), 140 Cedar, New York
Allis-Chalmers Mfg. Co. (Multistage High Lift), Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill. *See adv index at end of book*
Appleton Machine Co., Appleton, Wis.
Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.
Aurora Pump & Mfg. Co., Aurora, Ill.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Bean Spray Pump Co., San Jose, Cal.
Bethlehem Shipbuilding Corp., Ltd. (For Marine Condensers), Dept H, Broadhead & Parker av, Bethlehem, Pa.
Black-Clawson Co., Hamilton, O.
Bowser S. F. & Co., Fort Wayne, Ind.
Bucyrus Co. (Dredging), S Milwaukee, Wis.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
C. H. & E. Mfg. Co. ("C. H. & E." Mounted Complete, Direct Connected), **384 Clinton, Milwaukee, Wis.**
Camden Iron Works, Camden, N. J.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York *See adv index at end of book*
Centrifugal Pump Co., 434 Canal, New York
Channon H. Co. ("Channon"), 150 N Market, Chicago, Ill.
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Clot E. Machine Wks., 940 Bryant, San Francisco, Cal.
Coppus Engineering & Equipment Co., (High Pressure), Worcester, Mass.
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y. *See adv index at end of book*
Davis-Johnson Mfg. Co., 4811 W Jackson, Chicago, Ill.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Douglas W. & B., Middletown, Conn.
Duriron Castings Co. ("Duriron" Acid Metal), Dayton, O.
D'Oiler Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.



LAWRENCE CENTRIFUGAL PUMPS

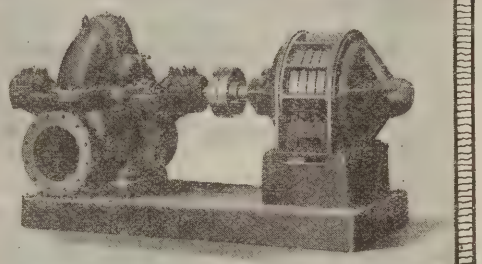
are built for all classes of service, all capacities, and all heads.. They are built both single-stage and multi-stage and with vertical and horizontal shafts, and are so constructed that all internal parts are accessible for inspection or replacement upon lifting the casing cover, and without disturbing discharge or suction connections. All parts subject to wear are made to limit gages, on an interchangeable basis, and are easily and quickly renewable.



Efficiencies are guaranteed. Pumps for specific conditions are tested before leaving the factory, and when requested purchaser is supplied with copy of test report.

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Progressive Industries Choose CAMERON PUMPS



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Simplex Steam Pumps
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Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Earle Gear & Machine Co., Stenton & Wyoming avs, Philadelphia, Pa.
Economy Pumping Machinery Co. (Belted or Electric Driven), 122 Curtis, Chicago, Ill.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Elmore, G. H. (Acid-Proof), Market & 13th, Phila., Pa.
Emerson Mfg. Co., Lawrence, Mass.
Erie Pump & Engine Works ("Erie"), 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Frederick Iron & Steel Co., Frederick, Ind.
Fresno Agricultural Works, Fresno, Cal.
Fulton Mach. & Vise Co. ("Fulton," Belt & Motor Driven), Lowville, N. Y.
Galena Iron Works Corp., Galena, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Georgia Iron Works (Mining), Augusta, Ga.
Golden West Pump Co., 311H Harriet, San Francisco, Cal.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Great Lakes Engineering Works (Large Capacity), Real Estate Exchange bldg, Detroit, Mich.
Greaves Specialty Co., 44 E 23d, New York
Humphryes Mfg. Co., Mansfield, O.
Hunt Rodney Machine Co., Orange, Mass.
Imperial Brass Mfg. Co. (Circulating), 1200 W. Harrison, Chicago, Ill.
See adv index at end of book
Jackson, Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
KEYSTONE DRILLER CO. ("Downnie"), Beaver Falls, Pa.
See adv index at end of book
Keystone Iron Works, 37th & Santa Fe av, Los Angeles, Cal.
Kiefer Karl Machine Co. (Bronze), 919 Martin, Cincinnati, O.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Pump & Machy. Co., 147 Beale, San Francisco, Cal.
LAWRENCE MACHINE CO. ("Lawrence" Single & Multi-Stage, Direct Connected), 42 Island, Lawrence, Mass.
See adv index at end of book
Lawrence Pump & Engine Co. ("Vortex," Single & Multiple Stage Electric, Engine & Belt Driven), Lawrence, Mass.
LAYNE & BOWLER CORP. ("Layne"), 900 Santa Fe av, Los Angeles, Cal.
See adv index at end of book
Lea-Courtenay Co., 5 Main, Newark, N. J.
Lipman Refrigerater Car & Mfg. Co., Beloit, Wis.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lloyd A., Erie, Pa.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Maine Iron Works, 2036 Dominick, Chicago, Ill.
Manistee Iron Works Co. ("Roturbo"), Manistee, Mich.
Mann Corp. ("Manco"), 72 W Adams, Chicago, Ill.
Meese & Gottfried Co. ("Butters"), 660 Mission, San Francisco, Cal.



THE AMERICAN WELL WORKS

Manufacturers of Centrifugal and Deep Well Plunger Pumps

AURORA, ILLINOIS

FIRST NATIONAL BANK BUILDING, CHICAGO, ILLINOIS.

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St. Louis, Mo.
Birmingham, Ala.
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Montreal, Que., Can.
Chatham, Ont., Can.
Calgary, Alta., Can.
Edmonton, Alta., Can.

PRODUCTS

Centrifugal Pumps of every description from a small pump with ¾ in. openings and a capacity of 10 gals. per minute to a 60-in. pump with a capacity of 100,000 gals. per minute, for water works, irrigation, drainage, mine, chemical plants, fire protection, quarry, dredge, hydraulic giant caisson, foundation, sump, trench, bilge, boiler feed, condensing, street flushing and general purpose pumping.

Deep Well Turbine Centrifugal Pumps for pumping wells 12 ins. and larger in diameter and to 250 ft. in depth.

Deep Well Plunger Pumps, Single Acting, Double Acting and 2-stroke.

"AMERICAN" CENTRIFUGAL PUMPS

These pumps are built in a large number of standard types, and in addition special pumps are designed and built to meet particular conditions.

Centrifugal pumps are made with either open type or enclosed type impellers, with or without diffusers and with either suction or double suction in single stage pumps. All double suction pumps and some single suction pumps are made with split casing, so designed that the cap, or cover, of the casing can be removed to expose internal working parts without disturbing pipe connections.

Characteristics — The important features of "American" centrifugals are skilful designing so that they attain high efficiencies with flat efficiency curves, thus being economical in use through a wide range of delivery; use of good material in their construction, careful machining and accurate adjustments.

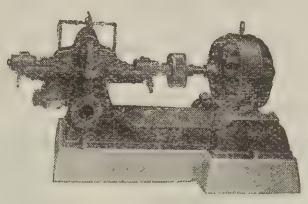
Bearings are ring oiled from oil reservoirs. Impellers are given both rotative and end thrust balance. In single suction, open impeller type pumps, the sides and edges of impeller and interior of casing are carefully machined and closely adjusted at sides to prevent leakage.

Double suction types are fitted with labyrinth rings around suction openings to reduce leakage to a minimum. Multistage, enclosed impeller types are designed to have fewest points of leakage back to suction openings.

Drive — "American" centrifugal pumps are equipped with plain pulley for belt drive, with grooved sheave for rope drive, steam engine, gasoline engine, electric motor, steam turbine, or with hydraulic turbine.

Pumps are also supplied unmounted with flexible shaft coupling for any power, or mounted on base, but without attached power.

Catalogs—Catalogs describing "American" Pumps will be sent on request. No. 149 describes centrifugals; No. 130A, Deep Well Plunger Pumps.



TYPE DSMD

High pressure, double suction, single stage, split volute, for total heads to 125 ft.



TYPE PMD

High pressure, single stage, horizontal centrifugal, with grit-proof bearing. Motor driven, for total heads to 200 ft.

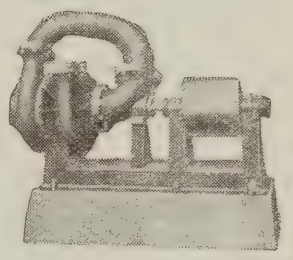


HIGH PRESSURE, 2-STAGE TURBINE CENTRIFUGAL PUMP, WITH BELT DRIVE



TYPE H

High pressure, 2-stage, vertical shaft, for total heads to 150 ft.



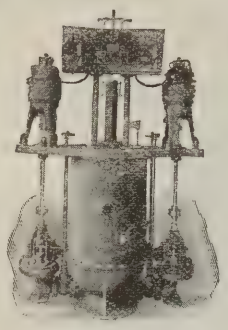
TYPE IMD

High pressure, 2-stage, belt-driven, for total heads to 250 ft.



FIG. 110B

Power head for deep well plunger pump.



YEOMANS EJECTOR

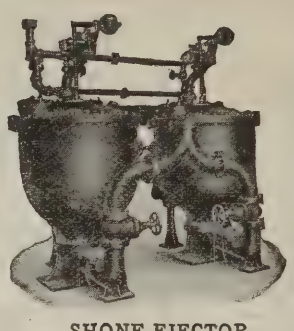
SEWAGE EJECTORS
and
PUMPING MACHINERY

Yeomans Centrifugal Ejectors, Bilge Pumps, House Pumps, Condensation Pumps.

Shone Pneumatic Ejectors.

Sewage Pumping Plants for Municipalities, City Buildings, Subways, Industrial Plants.

Recent installations: Federal Reserve Bank, Chicago; City of Detroit, Mich.; Fisk Rubber, N. Y. C.; Drake Hotel, Chicago.



SHONE EJECTOR

YEOMANS BROTHERS CO. 1436 Dayton St., Chicago

Representatives in principal cities—Send for Bulletins.

PUMPS (CENTRIFUGAL)—continued

Midwest Engine Co. (Vertical Thrust), Indianapolis, Ind.
Mills Machine Co., Lawrence, Mass.
Monarch Foundry Co., Dept H, Stockton, Cal.
Moore & White Co., N 15th & Lehigh, Phila., Pa.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Morris Machine Works, Baldwinsville, N. Y.
Nash Engineering Co., South Norwalk, Conn.
Norbom Engng. Co., Denckla bldg, Phila., Pa.
Novo Engine Co., Lansing, Mich
Oliver Mfg. Co., 4th & Madison, Oakland, Cal.
Patterson Foundry & Machine Co., East Liverpool, O.
Penna Pump & Compressor Co., Easton, Pa.
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Platt Iron Works Co., Dayton, O.
Plant Engineering & Equipment Co., Inc. ("Chicago"), 192H B'way, New York
See adv index at end of book
11 John, New York
Polton Water Wheel Co., 19th & Harrison, San Francisco, Cal.
Portage Lake Foundry & Machine Co. (For Mines), Hancock, Mich.
Potts C. & A. & Co., Indianapolis, Ind.
Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
Quimby, Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Quintard Iron Works Co., 742 E 12th, New York
Reliance Machine & Tool Works, Channing & Franklin avs, St. Louis, Mo.
Rider-Ericsson Engine Co. ("Recco," Electric), 20 Murray, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Samson Iron Works ("Samson"), Stockton, Cal.
San Antonio Machine & Supply Co. ("Samsco"), San Antonio, Tex.
San Diego Machine Co., San Diego, Cal.
Schramm Chris. D. & Son, Inc., Dept. H, West Chester, Pa.
Scranton Pump Co., Scranton, Pa.
Smith T. L. Co. ("Smith"), 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Southwark Foundry & Machine Co. (Large), 1128 S. 4th, Phila., Pa.
Strait H. N. Mfg. Co., Kansas City, Kans.
SWABY MFG. CO., 2010 Marshall blvd. Chicago, Ill.
Termaat & Monahan Mfg. Co. (Gasoline or Kerosene Direct Connected), Oshkosh, Wis.
Tips Foundry & Machine Co., Austin, Tex.
Toledo Foundry & Machine Co. (Sand), Toledo, O.
Union Steam Pump Co., Battle Creek, Mich.
United Iron Works ("Eclipse" & Step Pressure), Oakland, Cal.
United Iron Works Co. ("United"), Kansas City, Mo.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO. (High & Low Head), East Pittsburgh, Pa. *See adv index at end of book*
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), W. Carteret, N. J. *See adv index at end of book*
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book
YEOMANS BROS. CO., 1436 Dayton, Chicago, Ill. *See adv index at end of book*
Yuba Mfg. Co., Marysville, Cal., & 433 California, San Francisco, Cal.

Centrifugal Pumps



Built for every purpose in all sizes, for any drive. They are of latest split-casing, high efficiency, bronze fitted construction. Furnished in horizontal and vertical shaft and multi-rotor types.

Wheeler Condenser & Engineering Co.
West Carteret, New Jersey 138-4

Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book
Zin-ho Mfg. Co., 1323 S Michigan, Chicago, Ill.

11819—Pumps (Centrifugal, Deep Well)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
See adv index at end of book
San Diego Machine Co., San Diego, Cal.

11820—Pumps (Centrifugal, Water Tank)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
BEACH-ROSS CO., 50G Church, New York
See adv index at end of book
Brown & Sharpe Mfg. Co., Providence, R. I.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Lawrence Machine Co. ("Lawrence"), 42 Island, Lawrence, Mass.
See adv index at end of book
HOPEDALE MFG. CO. Roper Dept. ("Roco"), Milford, Mass.
San Diego Machine Co., San Diego, Cal.

11821— Pumps (Chain)

Biggs B. F. Pump Co. ("Biggs Noiseless), Lafayette, Ind.
Bushnell Pump Co., Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Ferguson Mfg. Co. ("Kegler" Anti-Freezing), Dubuque, Ia.
Pfender Bros., Evansville, Ind.
Rich Pump Co., South & Depot, Cincinnati, O.
Star Bucket Pump Co., 1218 N 15th, St. Louis, Mo.
Temple Mfg. Co., N 22d & S 54th, Chicago, Ill.
Ward Love Pump Co. ("Ward-Low"), Rockford, Ill.
Wyckoff A. & Son Co., Elmira, N. Y.

11822—Pumps (Chemical Plant)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
BYRON JACKSON IRON WORKS, Sharon bldg, San Francisco, Cal.
See adv index at end of book
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Midwest Engine Co., Indianapolis, Ind.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
NORTHERN FIRE APPARATUS CO., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv index at end of book*
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Wallace & Tiernan Co., Inc. (For Chlorine Solution), 349 B'way, New York

11823— Pumps (Circulating)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The (Steam Turbine Driven), 112 B'way, Aurora, Ill.
See adv index at end of book
Atlas Brass Foundry Co., The ("Atlas" Water & Oil Circulating for Autos), Columbus, O.
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bethlehem Shipbuilding Corp., Ltd. (For Marine Condensers), Dept H, Broadhead & Parker av, Bethlehem, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Boyts Porter & Co., Dept H, Connellsville, Pa.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byrne Kingston & Co. ("Kingston"), Kokomo, Ind.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Camden Iron Works, Camden, N. J.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Cincinnati Lubricant Pump Co., Blanchester, O.
Connor W. B., Inc., 90 West, New York
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Essex G. B. Brass Co., 480 Franklin, Detroit, Mich.
Evans C. H. & Co. ("Thomas & Evans" Combined Air & Circulating), 189 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
GOULDS MFG. CO., 71 W Fall, Seneca Falls, New York
See adv index at end of book
Hopedale Mfg. Co. Roper Dept. ("Roco"), Milford, Mass.
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kingsford Foundry & Machine Works, Owego, N. Y.
See adv index at end of book
LAWRENCE MACHINE CO. ("Lawrence" Centrifugal), 42 Island, Lawrence, Mass. *See adv index at end of book*
Lipman Refrigerator Co. & Mfg. Co., Beloit, Wis.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Luitwieler Pumping Engine Co., Rochester, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Milwaukee Auto Engine & Supply Co., 841 29th, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Morris Machine Works, Baldwinsville, N. Y.
Myers F. E. & Bro. ("Myers"), 900 Fourth, Ashland, O. *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Penna Pump & Compressor Co., Easton, Pa.
Peters Mach. & Mfg. Co. ("Viking" Oil Circulating for Automobiles), 7320 Madison av, Cleveland, O.
Platt Iron Works Co. (Air & Circulating), Dayton, O.
Quimby Wm. E., Inc., 204 Parkhurst, Newark, N. J.
Twinvolute Pump & Mfg. Co., ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP. (Air & Circulating Combined), 115 B'way, New York
See adv index at end of book

11824— Pumps (Cistern)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aermotor Co., 2500 W 12th, Chicago, Ill.
cago, Ill.
Althouse-Wheeler Co. (Close Top, Pitcher Spout), Waupun, Wis.
Athol Pump Co., Athol, Mass.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Beckman Bros. ("B-B"), Des Moines, Ia.
Biggs B. F. Pump Co. ("Biggs"), Lafayette, Ind.
Boyts Porter & Co., Dept H, Connellsville, Pa.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co., Crestline, O.
Davis-Hansen Co., Oshkosh, Wis.
Decatur Pump & Mfg. Co., Decatur, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Ia.
Douglas W. & B., Middletown, Conn.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Fort Wayne Engng. & Mfg. Co., Fort Wayne, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Garrison Brass & Machine Works, 107 W 13th, New York
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Painter Co., Galva, Ill.
Hess, Snyder Co. ("Novelty"), Massillon, O.
Humphryes Mfg. Co., Mansfield, O.
Love M. A. Mfg. Co. (Force, etc), Rockford, Ill.
MYERS F. E. & BRO. ("Myers") Cog Gear, 900 Fourth, Ashland, O.
See adv index at end of book
Peters Pump Co., Kewanee, Ill.
Rumsey Pump Co. (Ltd.),, Box J, Seneca Falls, N. Y.
Trahern Pump Co., Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Ward Pump Co. (Force, etc), Rockford, Ill.
Wilder, Sidney & Co., Holliston, Mass.
Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.

11825—Pumps (Combined Air & Circulating)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bethlehem Shipbuilding Corp., Ltd., Dept H, Broadhead & Parker av, Bethlehem, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Vogt Brothers Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11826— *Pumps (Compound)

McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11827—Pumps (Compression Tank)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book

11828—Pumps (Condensation)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Machine & Mfg. Co., Atlanta, Ga.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO. (With Receivers), 50G Church, New York
CHICAGO PUMP CO. ("Chic" Automatic Electric), 2342 Wolfram, Chicago, Ill.
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. (Dayton-Dowd), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Decatur Pump & Mfg. Co., Decatur, Ill.
Dubois Iron Works, Dubois, Pa.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glen-Wood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Quimby Wm. E. Inc., 209 Parkhurst, Newark, N. J.
See adv index at end of book
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

Pumps (Condenser)

See Condensers, Steam

11829—Pumps (Contractors', for Sewers & Foundations)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Cement Machine Co., Keokuk, Ia.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Boyts Porter & Co., Dept H, Connellsville, Pa.
C. H. & E. Mfg. Co. ("C H & E." Portable Driven Bilge), 384 Clinton, Milwaukee, Wis.
CAMERON A. S STEAM PUMP WORKS (Sewers, Foundations & Subways), Bowling Green bldg, New York
See adv index at end of book
Channon Jas. H. Mfg. Co. ("Union," Diaphragm Trench & Combined Pump & Engine, &c.), 227 W Erie, Chicago, Ill.
Dean Bros Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Emerson Pump & Valve Co., Alexandria, Va.
Erie Pump & Engine Works ("Erie"), 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., (Diaphragm Trench) 900 S. Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garrison Brass & Machine Wks., 107 W 13th, New York
GOULDS MFG. CO., 71 W Fall, Seneca, Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co. (Porcelain Enameled), Mansfield, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
LAWRENCE MACHINE CO. ("Lawrence" Centrifugal, Gas, Steam or Motor Driven), 42 Island, Lawrence, Mass.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Low Down), 900 4th, Ashland, O.
See adv index at end of book
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Parker A. A. (Mud, Sand, etc), Waterford, N. Y.
Penna Pump & Compressor Co., Easton, Pa.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y.
Schramm, Chris & Son, Inc., 709 Arch, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Waldo Bros. & Bond Co. ("Atlantic" Portable), 131 Congress, Boston, Mass.
Zin-ho Mfg. Co., 1323 S Michigan av, Chicago, Ill.

11830-1— Pumps (Copper)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Athol Pump Co., Athol, Mass.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Brown E. C. Co., Rochester, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Morris Machine Works, Baldwinsville, Neew York
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
Sands Alfred B. & Son Co., 20 Vesey, New York
Wilder, Sidney & Co. (Force), Holliston, Mass.

11832— Pumps (Cornish)

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Griffith & Wedge Co., Zanesville, O.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

11832a—Pumps (Cotton Seed Oil)

Aldrich Pump Co., Allentown, Pa.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11833—Pumps (Crank & Fly Wheel)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Evans C. H. & Co., 189 Fremont, San Francisco, Cal.
GUILD & GARRISON (Fly Wheel), 463 Kent av, Brooklyn, N. Y.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Midwest Engine Co., Indianapolis, Ind.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11834— Pumps (Creamery)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

PUMPS (CREAMERY)—continued
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Lobee Pump & Machy. Co., Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
Trahern Pump Co. (Rotary), Rockford, Ill.

Pumps (Deck)

See Pumps, Ship & Deck

11835— Pumps (Deep Well)

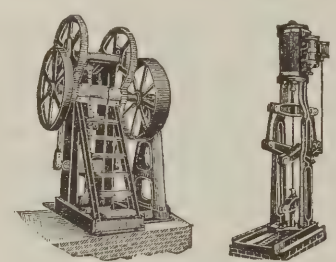
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Bean Spray Pump Co., San Jose, Cal.
Boyts, Porter & Co. (Vertical), Connellsville, Pa.
Byron Jackson Iron Works, Sharon bldg, San Francsico, Cal.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Century Pump Co., 719 6th, Brooklyn, N. Y.
Clot E. Machine Wks., 940 Bryant, San Francisco, Cal.
Columbiana Pump Co., Columbiana, O.
Cook August D. (Steam, Belt & Electric Driven), Lawrenceburg, Ind.
Corcoran A. J. (Inc.), 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Crestline Mfg. Co. ("Crestline"), Crestline, O.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co., 154 Nassau, New York
Dayton Pump & Mfg. Co., Dayton, Ohio
Decautur Pump & Mfg. Co. (Noisless Geared), Decatur, Ill.
DEMING CO. (Hand and Power), Salem, O. *See adv index at end of book*
Dempster Mfg. & Supply Co., Des Moines, Ia.
Douglas W. & B., Middletown, Conn.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Evans C. H. & Co. ("Thomson & Evans" Bucket Plunger, Double Acting & Power), 187 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Hadfield-Penfield Steel Co. (The) (Portable Hand Power with Tank), Bucyrus, O.
See adv index at end of book
Hess-Snyder Co. ("Novelty"), Massillon, O.
Humphreys Mfg. Co. ("Monitor" Belt Power or Direct Connected), Mansfield, O.
Indiana Air Pump Co. (Air Lift), Indianapolis, Ind.
Jackson Byron Iron Works, Berkeley, Cal.
Kewanee Private Utilities Co. ("Kewanee" "Unit"), Kewanee, Ill.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
See adv index at end of book
Laursen Automatic Pump Co., Menominee, Wis.
Manistee Iron Works Co., Manistee, Mich.
Mast-Foos & Co., Springfield, O.
Midwest Engine Co., Indianapolis, Ind.
MYERS F. E. & BRO. ("Myers" Cog Gear, Branch Pipe, "Ashland," "Imperial"), 900 4th, Ashland, O.
See adv index at end of book
National Steam Pump Co., Upper Sandusky, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peters Pump Co., Kewanee, Ill.
Platt Iron Works Co. (Powers), Dayton, Ohio
Pomona Mfg. Co., Pomona, Cal.
Red Jacket Mfg. Co. ("Red Jacket," Detached Cylinder, etc), Davenport, Ia.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av, St. Louis, Mo.

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TRADE MARK
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Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, New York
San Diego Machine Co., San Diego, Cal.
Schramm Chris. D. & Son, Inc., Dept H, West Chester, Pa.
Standard Pump & Engine Co., Akron, O.
Trahern Pump Co. (Single & Double Acting, Hand, etc), Rockford, Ill.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
United Iron Works, Inc., Kansas City, Mo.
Union Machine Works, 367 3rd, San Francisco, Cal.
Union Steam Pump Co., Battle Creek, Mich.
Valle-Kimes Co. ("V. & K."), Dayton, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
Warren Steam Pump Co., Warren, Mass.
Weinman Pump Mfg. Co. (Electric & Belt Driven), 300 Spruce, Columbus, O.
Wilder, Sidney & Co., Holliston, Mass.
Wood Pump Co., 375 Central av, S, Los Angeles, Cal.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11836— Pumps (Diaphragm)

American Cement Machine Co., Keokuk, Ia.
Austin W. E. Machinery Co., Atlanta, Ga.
Barnes Mfg. Co., Mansfield, O.
Boston & Lockport Block Co., 100 Condor, Boston, Mass.
Carter Ralph B. Co. ("Humdinger"), 152 Chambers, New York
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
C. H. & E. Mfg. Co. (Portable Gasoline & Kerosene Engine Driven), 384 Clinton, Milwaukee, Wis.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
DEMING CO., Salem O.
See adv index at end of book
Dorr Co. ("Dorr"), 1009 17th, Denver, Colo.
Douglas W. & B. ("Acme," "Ajax"), Middletown, Conn.
Edson Mfg. Co. ("Edson" Trench Force & Lift), 257 Atlantic av, Boston, Mass.
Fairbanks Morse & Co., 900 S Wabash av, **Chicago, Ill.**
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garfield & Co., 1323 Hearst bldg, San Francisco, Cal.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, **N. Y.** *See adv index at end of book*
Hinman D. A. & Co. ("Sandwich"), Sandwich, Ill.
Humphryes Mfg. Co. (Hand or Power), Mansfield, O.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Neptune Hardware Mfg. Co., 29 Murray, New York
Novo Engine Co., Lansing, Mich.
Platt Iron Works Co., Dayton, O.
Pulsometer Pump Co., 220 W 42nd, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, New York
Schramm Chris D. & Son, Inc. (Double for Trench Work), 709 Arch, Phila., Pa.
Smith T. L. Co. ("Smith"), 1151 32d, Milwaukee, Wis.
See adv index at end of book
Van Nouhuys Mach. Works ("Cascade"), Albany, N. Y.
Waldo Bros. & Bond Co. ("Atlantic Portable), 181 Congress, Boston, Mass.
Waterloo Cement Machy. Corp., Waterloo, Ia.

11837— Pumps (Distillers)

Aldrich Pump Co., Allentown, Pa.
Boyts Porter Co., Dept H, Connellsville, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Northern Tire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

11838—Pumps (Double-Acting)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Boyts Porter Co., Dept H, Connellsville, Pa.
Brown E. C. Co., Rochester, N. Y.
Crestline Mfg. Co. ("Crestline," "Suez" Force & Vulcan Double Power), Crestline, O.
Davidson M. T. Co., 154 Nassau, New York
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Douglas W. & B. (Hand or Power), Middletown, Conn.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co. ("Eclipse," "Typhoon"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Fast Mail" Force), Kendallville, Ind.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Garratt W. T. & Co. ("Hooker" Miner's Station), 299 Fremont, San Francisco, Cal.
Leader Iron Works, Decatur, Ill.
Love M. A. Mfg. Co. ("Western," Hand or Windmill), Rockford, Ill.
Midwest Engine Co., Indianapolis, Ind.
Peters Pump Co. ("Peters" Electric), Kewanee, Ill.
San Diego Machine Co., San Diego, Cal.
Trahern Pump Co. (Hand or Windmill), Rockford, Ill.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Ward Pump Co. (Hand or Windmill), Rockford, Ill.

11839— Pumps (Drain)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

11840— Pumps (Drainage)

See also Hydraulic Rams

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Jennings Pump & Dredge Co., 180 Dearborn, Chicago, Ill.
LAWRENCE MACHINE CO. ("Lawrence" Centrifugal), 42 Island, Lawrence, Mass. *See adv index at end of book*
Menge Pump & Machy Co., 862H Tchoupitoulas, New Orleans, La.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers"), 900 4th, Ashland, O. *See adv index at end of book*
Penna Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Vogt Bros. Mfg. Co., Louisville, Ky.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Dredging)
See Pumps, Sand & Dredging

11840a— Pumps (Duplex)
See also Pumps, Compound, also Pumps, Steam
Boyts Porter Co., Dept H, Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., Seneca Fall, N. Y.
See adv index at end of book
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book

11841— Pumps (Electric)
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co. (Direct Connected), Flint & Division, Battle Creek, Mich.
Aldrich Pump Co. ("Aldrich"), Allentown, Pa.
Amer Electric Air Pump Co. (Vacuum), Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Automatic Electric Pump Co., Davenport, Ia.
Automatic Rotary Pump Co., Bible House, New York
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bleyle Electric Co. ("Economic"), 84 Cortlandt, New York
Bowser S. F. & Co., Ft. Wayne, Ind.
Boyts, Porter & Co., Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Burnett-Larsh Mfg. Co., Dayton, O.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Centrifugal Pump Co., 455 Canal, New York
Century Pump Co., 719 6th, Brooklyn, N. Y.
Columbiana Pump Co., Columbiana, O.
Connellsville Foundry Machine & Steel Casting Co., Connellsville, Pa.
Crestline Mfg. Co., Crestline, Ohio
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dayton Pump & Mfg. Co., Dayton, Ohio
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.
Douglas W. & B., Middletown, Conn.
Dow Pump & Diesel Engine Co., 311 California, San Francisco, Cal.
Dubois Iron Works, Dubois, Pa.
See adv index at end of book

Steam and Electric Pumps
Du Bois Iron Works
Du Bois, Pa.

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Erwin & Co. (Automatic), 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Wayne Engng. & Mfg. Co. ("Paul"), Fort Wayne, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
French Oil Mill Machinery Co., Piqua, O.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Harris Pump & Supply Co. (All Kinds), 316 2nd av, Pittsburgh, Pa.
Holland Machine Co., 147 W 35th, New York
Humphryes Mfg. Co., Mansfield, O.
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Kewanee Private Utilities Co. (For Pumping Water Supply, etc), Kewanee, Ill.
LAWRENCE MACHINE CO. ("Lawrence"), 42 Island, Lawrence, Mass.
See adv index at end of book
Lawrence Pump & Engine Co. ("Vortex"), Lawrence, Mass.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lunt-Moss Co., 43 S Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Bulldozer, "Myers" Automatic), 900 4th, Ashland, O. *See adv index at end of book*
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
N. Y. Air Brake Co., 165 B'way, New York
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book



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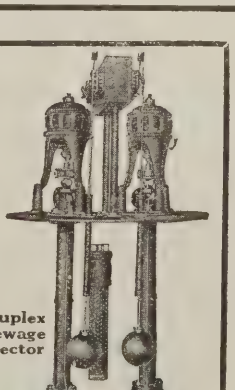
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Penna Pump & Compressor Co., Easton, Pa.
Peters Pump Co. ("Peters" Double-Acting), Kewanee, Ill.
Platt Iron Works Co., Dayton, O.
Prescott Co., Menominee, Mich.
Quimby Wm. E., Inc. (Direct Connected), 209 Parkhurst, Newark, N. J.
Rider-Ericsson Engine Co. ("Reeco"), Walden, N. Y.
Roberts Geo. J. Co., Dayton, O.
Roots P. H. & F. M. Company, Connersville, Ind.
RUMSEY PUMP CO. (Ltd.) Box J, Seneca Falls, New York
See adv index at end of book
San Diego Machine Co., San Diego, Cal.
Scranton Pump Co., Scranton, Pa.
Standard Pump & Engine Co., Akron, O.
Taber Pump Co. (Portable), Buffalo, N. Y.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Valle-Kimes Co. ("V. & K."), Dayton, O.
Varwig Mfg. Co., 120 Opera pl, Cincinnati, O.
Victor Elec. Corp., 236 S Robey, Chicago, Ill.
Vogt Bros. Mfg. Co., Louisville, Ky.
Welman Pump Mfg. Co., 300 Spruce Columbus, O.
Wheeler Condenser & Engineering Co. (Motor Drive), W. Carteret, N. J.
See adv index at end of book
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book
YEOMANS BROS. CO., 1436 Dayton, Chicago, Ill. *See adv index at end of book*

11842—Pumps (Electric Air)
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
American Steam Pump Co., Battle Creek, Barbeau, Pittsburgh, Pa.
Automatic Electric Pump Co., Davenport, Mich.
American Electric Air Pump Co., Penn & Ia.
Black & Decker Mfg. Co., 111 So Calvert, Baltimore, Md.
Cleveland Faucet Co. ("Champion" Automatic), 1205 E 55th, Cleveland, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*

ELECTRIC PUMPS for Every Service
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Horizontal Split Case Centrifugal Pump

Manufacturers of Centrifugal and Multi-Stage Turbine House Pumps, Boiler Feed and Hot and cold Water Circulating Pumps. Single and Duplex Sewage Ejectors and Bilge Pumps. Condensation return pumps and receivers, Vacuum Heating and Air Line Pumps, Pneumatic Water Supply Systems.


Duplex Sewage Ejector

PUMPS (ELECTRIC AIR)—continued
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Vogt Bros. Mfg. Co., Louisville, Ky.

11843—Pumps (Electric House)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Burnett Larsh Mfg. Co. ("Duro"), Dayton, O.
Chicago Pump Co., 2342 Wolfrom, Chicago, Ill. *See adv index at end of book*
Dayton Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Flint & Walling Mfg. Co., ("F & W"), Kendallville, Ind.
Fort Wayne Engng. & Mfg. Co., Fort Wayne, Ind.
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
Leader Iron Works ("Leader"), Decatur, Ill.
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
MYERS F. E. & BRO. ("Myers Automatic Controll," "Myers Hydro-Pneumatic) *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn. *See adv index at end of book*
Quimby Wm. E. Inc., 209 Parkhurst, Newark, N. J.
Roberts, Geo. J. Co. ("Gem"), Dayton, O.
Twinvolute Pump & Mfg. Co. 216 High, Newark, N. J.
YEOMANS BROS. CO., 1436 Dayton, Chicago, Ill. *See adv index at end of book*

11844—Pumps (Electric Pressure)

Aldrich Pump Co., Allentown, Pa.
DUNNING & ROSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, Inc., 141 Glenwood av, Medina, N. Y. *See adv index at end of book*
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Luitwieler Pumping Engine Co., Rochester, N. Y.
McGowan, John H. Co., Fourth National Bank bldg, Cincinnati, Ohio *See adv index at end of book*
NORTHERN FIRE APPARATUS CO., 2422 Univ. av, S E, Minneapolis, Minn. *See adv index at end of book*
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*

11845— Pumps (Elevator)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Buffalo Steam Pump Co., Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, **Cleveland, O.**
Butler Mfg. Co., Kansas City, Mo.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Douglas W. & B., Middletown, Conn.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Garratt W. T. & Co., 299 Tremont, San Francisco, Cal.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Jackson Byron Iron Works, Berkeley, Cal.
McGowan John H. Co., Cincinnati, O. *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, New York
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

11845a— Pumps, Engines, etc.

See also Headings under Pumps, Engines, etc
Aldrich Pump Co., Allentown, Pa.
DOMINION ASBESTOS & RUBBER CORP. ("Cable Prince," "Rodtite," "Dominion"), 154 Nassau, New York *See adv index at end of book*
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Michigan Machine Co. ("Pollway"), 85 Porter, Detroit, Mich.

11845b—*Pumps (Elevator Feed)

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*

11846—Pumps (Fan & Stuff)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Beloit Iron Works (Stuff), Beloit, Wis.
Black-Clawson Co. ("B-C-Co Fan"), Hamilton, O.
Clark H. C. & Son Machine Co., Lee, Mass.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO. (Duplex & Triplex), Salem, O. *See adv index at end of book*
Dillon Machine Co. ("Duplex" & "Triplex" Stuff), Lawrence, Mass.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Emerson Mfg. Co., Lawrence, Mass.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Mills Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, **New York**
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Noble & Wood Machine Co., **Hoosick Falls,** N. Y.
Pulsometer Steam Pump Co. (Stuff for Pulp Mills), 220 W 42nd, New York
Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Shartle Bros. Machine Co. (Multiple Fan), Middletown, O.
Union Steam Pump Co., **Battle Creek,** Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

11847—Pumps (Filter Press)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S. Steam Pump Works, 11 Bowling Green bldg, New York *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), E Trenton, N. J. *See adv index at end of book*
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Provost Engng. Corp., 216-224 B'way, New York
Shriver T. & Co., Harrison, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

11848— Pumps (Fire)

See also Pumps, Steam
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE (Centrifugal), 112 B'way, Aurora, Ill. *See adv index at end of book*
Brown E. C. Co., Rochester, N. Y.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francsico, Cal.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Evans C. H. & Co. ("Thomson & Evans"), 189 Fremont, San Francsico, Cal.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Hale Fire Pump Co. ("Young Giant"), Conshohocken, Pa.
Midwest Engine Co., Indianapolis, Ind.
Myers F. E. & Bro., 900 4th, Ashland, O. *See adv index at end of book*
NORTHERN FIRE APPARATUS CO., 2422 Univ. av S E, Minneapolis, Minn. *See adv index at end of book*
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Seagrave Co., Columbus, O.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

11849—Pumps (Fire, Hand)

Brown, E. C. Co., Rochester, N. Y.
DEMING CO., Salem, O. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Humphryes Mfg. Co., Mansfield, O.
Myers F. E. & Bro., 900 4th, Ashland, O. *See adv index at end of book*

11850—Pumps (Fire Protection)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
Brown E. C. Co., Rochester, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
DEMING CO., Salem, O. *See adv index at end of book*
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn. *See adv index at end of book*
Quimby Wm. E. Inc., 209 Parkhurst, Newark, N. J.

11851—Pumps (Foam Fire-Fighting)

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn. *See adv index at end of book*

11851a—Pumps for Chemical Solutions

Aldrich Pump Co., Allentown, Pa.
CHEMICAL PUMP & VALVE CO., THE (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y. *See adv index at end of book*
Lummus Walter E. Co. ("Metrolift" Automatic), 171 Milk, Boston, Mass.

11852—Pumps for Gasoline Lighting Systems

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11853—Pumps (Force, Horizontal)

Humphryes Mfg. Co. ("Monitor" Belt Power & Direct Connected), Mansfield, Ohio

11854—Pumps (Force & Lift)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Althouse-Wheeler Co. (Hand Force), Waupun, Wis.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The (Power), 112 B'way, Aurora, Ill.
See adv index at end of book
Athol Pump Co., Athol, Mass.
Baker Mfg. Co., Evansville, Wis.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Beckman Bros. ("B-B"), Des Moines, Ia.
Blymyer Iron Works Co. ("Crown," "Star" Hand & Power Double Acting), Cincinnati, O.
Bushnell Pump Co. (Iron, also House & Air Pressure Force Pumps), Bushnell, Ill.
C. H. & E. Mfg. Co., 334 Clinton, Milwaukee, Wis.
Coleman Allan J. ("Improved Suction"), 208 N Wabash av, Chicago, Ill.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline" Force & Lift & Force Pump for Drilled Wells & Ratchet Force), Crestline, O.
Davis-Hansen Co. (Windmill), Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Decatur Pump & Mfg. Co., Decatur, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Iowa
Douglas W. & B. (("Hector" Long Fulcrum), Middletown, Conn.
Dubois Iron Works, Dubois, Pa.
Duplex Mfg. Co., Superior, Wis.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
Garrison Brass & Machine Works, 107 W 13th, New York
Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Haydenville Co., Haydenville, Mass.
Hayes Pump & Planter Co. (House Windmill, etc), Galva, Ill.
Hess-Snyder Co. ("Novelty"), Massillon, O.
Humphryes Mfg. Co., Mansfield, O.
Ives Mfg. Co. (Electric), 203 Hanover, Baltimore, Md.
Kennedy J. E. ("Little Giant" Household for Cleaning Waste Pipes, etc), 30 E 42d, New York
Klotz Machine Co. ("Waldkircher's" Oscillating Force Pumps), Sandusky, O.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Mast-Foos & Co. ("Buckeye"), Springfield, Ohio.
Midwest Engine Co., Indianapolis, Ind.
Mietz August Corp., 430 E 19th, New York
MYERS F. E. & BRO. ("Myers" Submerged Cylinder, Branch Pipe, "Gusher" Cog Gear, "Ashland" Ratchet Handle, Tubular Well, "Imperial" Siphon, House Force, "New Century" Low Down & "Faultless" Bulldozer, "Defiance"), 900 4th, Ashland, O. *See adv index at end of book*
Newark Brass Works ("Lawless," Force for Water Mains), 22 Lawrence, Newark, N. J.
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
Penna. Furnace & Stove Co. (Plumbers' Force), Warren, Pa.
Peters Pump Co., Kewanee, Ill.
Pittsburgh Pump Co., 20 Fancourt, Pittsburgh, Pa.
Powell Wm. Co. ("Speedy" & "Rapid"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Single & Double Acting), Davenport, Ia.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
San Diego Machine Co., San Diego, Cal.
Schramm Chris. D. & Son, Inc., Dept. H, West Chester, Pa.
See adv index at end of book
Smith T. L. Co. ("Smith" Force Pumps), 1151 32d, Milwaukee, Wis.
See adv index at end of book
Trahern Pump Co (Iron Hand & Windmill Force, etc.), Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Ward Love Pump Co. ("Ward-Low" Iron, Hand & Windmill Force, etc.), Rockford, Ill.
Wilder, Sidney & Co., Holliston, Mass.
Wistrand Mfg. Co. ("Blue Star," Well, House & Windmill), Galva, Ill.

11855— Pumps (Fuel Oil)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Burnett-Larsh Mfg. Co., Dayton, Ohio
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Trahern Pump Co. (Rotary), Rockford, Ill.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11856—Pumps (Galvanized Steel)

Brown E. C. Co., Rochester, N. Y.

11857—Pumps (Gas Compressing)

See also Pumps, Gas Main Force

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Combination Engine & Compressor Co., Bradford, Pa.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
National Fdry & Mach. Co., Louisville, Ky.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Roots P. H. & F. M. Co., Connersville, Ind.
Siebe, Gorman & Co., Ltd. (High Pressure), Monadnock bldg, Chicago, Ill.
Superior Gas Engine Co., Springfield, O.

11858—Pumps (Gas Engine Cooling)

DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
McGowan John H. Co., Fourth National Bank bldg, Cincinnati, Ohio
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11859—Pumps (Gas Engine Driven)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamston, Quincy, Ill. *See adv index at end of book*
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Menge Pump & Machy. Co., 862H Tchoupitoulas, New Orleans, La.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
NORTHERN FIRE APPARATUS CO., 2422 Univ. av S E, Minneapolis, Minn.
See adv index at end of book
San Diego Machine Co., San Diego, Cal.
Standard Pump & Engine Co., Akron, O.

11860—Pumps (Gas Engine Starting)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Caldwell E. R. & Co., Bradford, Pa.
DEMING CO., Salem, O.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Midwest Engine Co., Indianapolis, Ind.
Union Steam Pump Co., Battle Creek, Mich.

11861—Pumps (Gas Fitters' Proving)

Boekel Wm. & Co., 518 Vine, Phila., Pa.
DEMING CO., Salem, O.
See adv index at end of book

11862-3—Pumps (Gas Main, Force)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bernz Otto, 17-37 Ashland, Newark, N. J.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Garrison Brass & Machine Wks., 107 W 13th, New York
Humphrey Gas Pump Co., 401 S. A. & K. bldg, Syracuse, N. Y.
Simmons John Co., 110 Centre, New York
See adv index at end of book

11864— Pumps (Gasoline)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Am. Tank & Pump Co., 404 Golden Gate, San Francisco, Cal.
Anderson Visible Pump & Tank Co. ("Little Giant," Rotary, Visible Hand & Motor Driven), Savannah, Ga.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Blackmer Rotary Pump Co., Petoskey, Mich.
Bowser S. F. & Co. ("Red Sentry," "Chief Sentry," "Pacemaker"), Fort Wayne, Ind.
Boyle-Dayton Co. (Measuring), 52nd & Sante Fe, Los Angeles, Cal.
Butler Mfg. Co., Kansas City, Mo.
Channon Jas. H. Mfg. Co. (For Auto Garage), 227 W Erie, Chicago, Ill.
Climax Machine & Burner Co. ("Imperial"), 133 3rd av, Newark, N. J.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Connersville Blower Co., Dept. H, Connersville, Ind.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book
Domestic Engine & Pump Co., Shippinsburg, Pa.
Doran Mfg. Co., 612-620 W Lake, Chicago, Ill.
Douglas W. & B., Middletown, Conn.
Eastern Oil Tank Co. ("Leader," Self-Measuring for Garages), Lowell, Mass.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker" Self & Non-Measuring), Springfield, Mass.
GOULDS MFG. CO., 71 W. Fall, Seneca Falls, N. Y. *See adv index at end of book*
Inglis Mfg. Co., 285 5th av, Milwaukee, Wis.
Kewanee Private Utilities Co. (For Pumping Water Supply), West Side, Kewanee, Ill.
Kraft A. C. ("Bools," "Coco," "Gross," "Heft," "Stuhl" & "Walker"), 323 W Lake, Chicago, Ill.
Leader Iron Wks. ("Leader"), Decatur, Ill.
Lipman Refrigerator Car & Mfg. Co. (Hand), Beloit, Wis.
Novo Engine Co. (Direct Connected), Lansing, Mich.
Quimby Wm. E., Inc. 209 Parkhurst, Newark, N. J.
RIX COMPRESSED AIR & DRILL CO. (Visible), 505 Howard, San Francisco, Calif., & 409 E. 3rd, Los Angeles, Calif.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Tokheim Oil Tank & Pump Co., Ft. Wayne Ind.
Trahern Pump Co. (Hand Rotary), Rockford, Ill.
Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.

Pumps (Gauge Testing)

See Gauge Testing Apparatus

11865— Pumps (Geared)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.

PUMPS (GEARED)—continued
Boyts, Porter Co., Dept. H, Connellsville, Pa.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Myers F. E. & Bro. ("Bulldozer"), 900 Fourth, Ashland, O.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Viking Pump Co., Cedar Falls, Ia.
Wilson Machy. Co., 301H W. 35th, Chicago, Ill.

11866—Pumps (Geared, Oil or Water)

For Milling Gear & Chucking Machines, etc
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Brown & Sharpe Mfg. Co. (For Oil Supply, to Cutting Tools on Lathes, Screw Machines, etc), Providence, R. I.
Cincinnati Lubricant Pump Co., Blanchester, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Gould's Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hopedale Mfg. Co., Roper Dept. ("Roco"), Milford, Mass.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
See adv index at end of book
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Matson Machine Co., Concord, N. H.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

11866a—Pumps (General Service)

Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.

11867—Pumps (Ham Preserving)

Silver Mfg. Co., No. 256, Salem, O.

11868— Pumps (Hand)

Anstice Josiah & Co., Dept. H, Rochester, N. Y.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Buffalo Steam Pump Co., Buffalo, N. Y.
Butler Co., Butler, Ind.
Cardwell Machine Co, 1900 E Cary, Richmond, Va.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Crestline Mfg. Co., Crestline, O.
Decatur Pump & Mfg. Co., Decatur, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Iowa
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Fairbanks Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Garrott W. T. & Co. ("Garrott," Horizontal), 299 Fremont, San Francisco, Cal.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Hayes Pump & Planter Co., Galva, Ill.
Henion & Hubbell, 219 Jefferson, Chicago, Ill.
Hills-McCanna Co. (Marine Oil), 2025 Elston av, Chicago, Ill.
Humphryes Mfg. Co., Mansfield, O.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lucey Mfg. Co., 233 B'way, New York
For branch offices see Alphabetical Section
LUNKENHEIMER CO. ("Alpha," "Universal"). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Lunt Moss Co., 43 S Market, Boston, Mass.
MYERS F. E. & BRO. ("Myers" & "Ashland" Cog Gear), 900 Fourth, Ashland, O. *See adv index at end of book*
Pacific Pump & Supply Co. (Jobbers), San Francisco, Cal.
Peters Pump Co. ("Peters"), Kewanee, Ill.
Rich Pump Co., South & Depot, Cincinnati, O.
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.
Trahern Pump Co. (& Hand Force), Rockford, Ill.
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.
Ward Love Pump Co. ("Ward Low" Force), Rockford, Ill.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11869—Pumps (High Pressure, Oil)

Aldrich Pump Co., Allentown, Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Dayton-Dowd ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11869a—Pumps (High Service)

Aldrich Pump Co., Allentown, Pa.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

11870—Pumps (High Vacuum, for Packing Houses)

BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

Pumps (Hot Air)

See Engines, Pumping, Hot Aair

11871— Pumps (Hot Well)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11872— Pumps (Household)

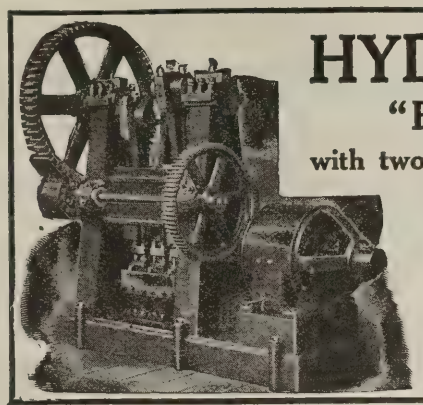
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Well Works (The), 112 B'way, Aurora, Ill. *See adv index at end of book*
Centrifugal Pump Co., 455 Canal, New York
Chicago Pump Co., 2342 Wolfram, Chicago, Ill.
See adv index at end of book
Decatur Pump & Mfg. Co. (Elect. & Gasoline), Decatur, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fort Wayne Engng. & Mfg. Co., Fort Wayne, Ind.
Jarvis Engine & Machine Wks., Lansing, Mich.
Kennedy J. E. ("Little Giant" Lift & Force for Cleaning Waste Pipes, etc), 30 E 42d, New York
Midwest Engine Co., Indianapolis, Ind.
Myers F. E. & Bro ("Myers" Cog Gear), 900 Fourth, Ashland, O.
See adv index at end of book
Rider-Ericsson Engine Co., 20 Murray, New York
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Standard Pump & Engine Co., Akron, O.
Vaile-Kimes Co., Dayton, O.
Viking Pump Co., Cedar Falls, Ia.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.

11873—Pumps (House Tank)

Brown E. C. Co., Rochester, N. Y.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11874-5—Pumps (Hydraulic)

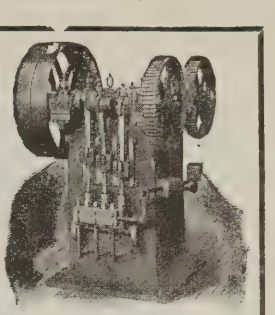
Adamson Machine Co., Akron, O.
See adv index at end of book
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
American Machine & Mfg. Co., Atlanta, Ga.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bishop & Babcock Co. ("B & B" Vacuum for Heating Systems), 1204 E 55th, Cleveland, O.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Boyts Porter & Co., Connellsville, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Buffalo Steam Pump Co., Buffalo, N. Y.
Caldwell E. R. & Co. (Up to 20 Tons) Bradford, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co. (For Oil Mills) 1900 E Cary, Richmond, Va.
Chambersburg Engineering Co. (Pressure, Steam or Motor Driven), Chambersburg, Pa.
Columbus Steam Pump Works Co., Columbus, O.
Davidson M. T. Co., 154 Nassau, New York
Davis, Johnson Mfg. Co., 4831 Jackson, Chicago, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Defiance Machine Works (Double Plunger), Defiance, O.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Douglas W. & B. (up to 300 lbs. pressure), Middletown, Conn.
Dow Pump & Diesel Engine Co., 311 California, San Francisco, Cal.
Dudgeon Richard, 24 Columbia, New York
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Epping-Carpenter Pump Co., ft. 43d, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farrel Foundry & Mach. Co., Ansonia, Conn.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
French Oil Mill Machinery Co., Piqua, O.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Galland-Henning Mfg. Co., Railway Exchange bldg., Milwaukee, Wis.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Henderer's A. L. Sons, Wilmington, Del.
Holyoke Machine Co. ("Hercules), Holyoke, Mass.
Hydraulic Engng. Works, 708 Fulton, Chicago, Ill.
Hydraulic Press Mfg. Co. ("H. M. P." Vertical & Horizontal Belt Driven), Mt. Gilead, O.
Jackson Byron Iron Works, Berkeley, Cal.
Jenkins Machine Co. (For Operating Bending Presses), Sheboygan, Wis.



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Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Laursen Automatic Pump Co., Menomonie, Wis.
LAWRENCE MACHINE CO. "Lawrence" Centrifugal), 42 Island, Lawrence, Mass. *See adv index at end of book*
LAYNE & BOWLER CORP., 900 Santa Fe av, Los Angeles, Cal.
See adv index at end of book
Logemann Bros. Co. ("Logemann" **High Pressure, Triple Compound), 3130 Burleigh, Milwaukee, Wis.**
LOURIE HYDRAULIC PRESS CO., Spirngfield, Ill.
See adv index at end of book
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
National Foundry & Machine Co., Louisville, Ky.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Steam Pump Co., Upper Sandusky, O.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th. Phila., Pa.
Penna. Pump & Compressor Co., Easton, Pa.
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Platt Iron Works Co., Dayton, O.
Quimby Wm E., Inc., 209 Parkhurst, Newark, N. J.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Roberts Geo. J. Co. ("Gem") Dayton, O.
Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Southwark Foundry & Machine Co. (For Various Purposes), 1128 S. 4th, Phila., Pa.
Tranter Mfg. Co. ("McFeely" & "Sheriff"), 105 Water, Pittsburgh, Pa.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Weir & Craig Mfg. Co., 6316 Wentworth av, Chicago, Ill.
Westbrook Elevator Mfg. Co., Danville, Va.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood Wm. H. Media, Pa.

Pumps (Hydraulic Dredging)

See Pumps, Sand & Dredging

11876—Pumps (Hydraulic, Elevator Service)

Aldrich Pump Co., Allentown, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd), Quincy, Ill.
DE LAVAL STEAM TURBINE CO. (Centrifugal), **East Trenton, N. J.**
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Quimby Wm E., Inc., 209 Parkhurst, Newark, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11877—Pumps (Hydraulic Pressure)

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.
LOURIE HYDRAULIC PRESS CO., Springfield, Ill.
See adv index at end of book
McGowan John H. Co., Fourth National Bank bldg, Cincinnati, Ohio
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11878-9-80—Pumps (Hydraulic Proving)

Dean Bros. Steam Pump Works, 327 W 10th. Indianapolis Ind.
DEMING CO., Salem, O.
See adv index at end of book
Goulds Mfg. Co. 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Lourie Hydraulic Press Co., Springfield, Ill. *See adv index at end of book*
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich.

11881—Pumps (Hydraulic-Pneumatic)

Davis-Hansen Co., Oshkosh, Wis.
Decatur Pump & Mfg. Co., Decatur, Ill.
DEMING CO., Salem, O.
See adv index at end of book

11881a—*Pumps (Hydraulic Vacuum)

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11882— Pumps (Injection)

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

11883— Pumps (Irrigating)

Advance Pump & Compressor Co, Flint & Division. Battle Creek, Mich.
Aeromotor Co., 2500 W 12th, Chicago, Ill
Aldrich Pump Co., Allentown, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
AMERICAN WELL WORKS (THE), 112 B'way, Aurora, Ill.
See adv index at end of book
Barnes Mfg. Co., Mansfield, O.
Blakeslee Mfg. Co., Du Quoin, Ill.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincey, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works ("Erie" Mounted Portable), 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Garrott W. T. & Co. ("Hooker" Double Acting), 299 Fremont, San Francisco, Cal.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Humphryes Mfg. Co. ("Monitor"), Mansfield, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Pump & Machy. Co., 147 Beale, San Francisco, Cal.
Lawrence Machine Co. ("Lawrence" Centrifugal), 42 Island, Lawrence, Mass.
See adv index at end of book
Layne & Bowler Co. ("Layne" Irrigation Well Pumps) Houston, Tex.
LAYNE & BOWLER CORP., 900 Santa Fe av, Los Angeles, Cal.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book.*
Luitweiler Pumping Engine Co., Rochester, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Mast Foos & Co., Springfield, O.
Menge Pump & Machy. Co., 862H Tchoupitoulas, New Orleans, La.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Bulldozer), 900 Fourth, Ashland, O.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Platt Iron Works Co., Dayton, O.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Roots P. H. & F. M. Co. (Rotary Pressure), Connersville, Ind.
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y.
San Diego Machine Co., San Diego, Cal.
Samson Iron Works, Stockton, Cal.
Trahern Pump Co., Rockford, Ill.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co., ("Twinvolute"), **55 William, New York**
Union Steam Pump Co., Battle Creek, Mich
United Iron Works, Oakland, Cal.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wagener Steam Pump Co., Canton, O.

PUMPS (IRRIGATING)—continued
Ward Love Pump Co. ("Ward-Low"), Rockford, Ill.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11884— Pumps (Jet)

See also Injectors & Ejectors, Boiler

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Douds Frank C. & Co., New Castle, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Tranter Mfg. Co. ("Defiance"), 105 Water, Pittsburgh, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11885— Pumps (Juice)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Blymyer Iron Works Co. (Hand or Power), Cincinnati, O.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Down"), Quincy, Ill.
DEMING CO., Salem, O.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Midwest Engine Co., Indianapolis, Ind.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Platt Iron Works Co., Dayton, O.
Squier Geo. L. Mfg. Co. (Power & Hand), Buffalo, N. Y.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich

11886—Pumps (Laboratory Vacuum)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Schutte & Koerting Co., 1251 N 12th, Phila, Pa.

11886a— Pumps (Lime)

De Laval Steam Turbine Co. (Centrifugal), E. Trenton, N. J.
See adv index at end of book

11887— Pumps (Liquor)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Central Stamping Co., 174 Fulton, New York
Davidson M. T. Co., 154 Nassau, New York
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Judd & Leland Mfg. Co. ("Tornado" Beer), Clifton Springs, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11888—Pumps (Low Service)

Aldrich Pump Co., Allentown, Pa.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Dayton, O.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

Pumps (Lubricator)

See Lubricators, Oil Pump

11888a— Pumps (Maceration)

De Laval Steam Turbine Co. (Centrifugal), E. Trenton, N. J.
See adv index at end of book

11889— *Pumps (Magma)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
GUILD & GARRISON, 463 Kent av., Brooklyn, N. Y.

11890—Pumps (Manhole & Pile)

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

11891—Pumps (Marine, Power)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Myers F. E. & Bro. ("Handy Billy), 900 Fourth, Ashland, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co. ("Union"), Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Pumps (Marine, Steam)

See Pumps, Steam

Pumps (Measuring)

See Pumps, Oil, Self-Measuring

11892— Pumps (Milk)

Davis-Watkins Dairymen's Mfg. Co. "Commercial"), Dept. H, North Chicago, Ill.
Elmes, Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11893— Pumps (Mine)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co. ("Aldrich," Triplex or Quintuplex, Cement Lined Electric), Allentown, Pa
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS THE, 112 B'way, Aurora, Ill.
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Blakeslee Mfg. Co., Du Quoin, Ill.
Boyts Porter & Co. (Duplex Electric, Wood & Lead Lined), Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y
Burton & Johnson Co., 2301 Center av, Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Columbus Steam Pump Works Co., Columbus, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Crawford & McCrimmon Co. (Lead Lined, Acid Proof), Brazil, Ind.
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Dubois Iron Works, Dubois, Pa.
Edson Mfg. Co. ("Edson" & Prospecting), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairmont Mining Machy Co., Fairmont, W. Va
Farrar Pump & Machinery Co., Granite bldg, St. Louis, Mo.
Frenier & Son, Rutland, Vt.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Garrett W. T. & Co., 299 Fremont, San Francisco, Cal.
Garrity Ralph E. Co., 607H Wabash, Pittsburgh, Pa.
Georgia Iron Works (Phosphate), Augusta, Ga.
GOULDS MFG. CO., 71 Wall, Seneca Falls, N. Y. *See adv index at end of book*
Goyne Steam Pump Co. (Goyne Bros. Props.) Works: Ashland, Pa.
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krough Pump & Machy Co., 147 Beale, San Francisco, Cal.
Laursen Automatic Pump Co., Menomonie, Wis.
LAYNE & BOWLER CORP., 900 Santa Fe av, Los Angeles, Cal.
See adv index at end of book
Lucas-Miner Tool & Production Co., 427 Valley, Dayton, O.
Luitwieler Pumping Engine Co., Rochester, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Manistee Iron Works Co., Manistee, Mich.
Midwest Engine Co., Indianapolis, Ind.
Mine & Smelter Supply Co., 42 B'way, New York
Morris Machine Works, Baldwinsville, N. Y.
Mount Carmel Iron Works, Mount Carmel, Pa.
MYERS F. E. & BRO. ("Myers" & "New Century" Bulldozer), 900 Fourth, Ashland, O. *See adv index at end of book*
National Foundry & Machine Co. ("Springer"), Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Norberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Pittsburgh Machine Tool Co. ("Curtis" Rotary), Braddock, Pa.
Platt Iron Works Co., Dayton, O.
Pneumelectric Machine Co., Syracuse, N. Y.
Pomona Mfg. Co., Pomona, Cal.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Pulsometer Steam Pump Co., Irvington, N. J.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Schramm Chris D. & Son Inc., Dept. H, West Chester, Pa.
Scranton Pump Co., Scranton, Pa.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
United Iron Wks., Kansas City, Mo.
Virginia Electric & Machine Works ("V. E. M. W." Rotary), Charleston, W. Va.

Northern Rotary Gear Pumps

Pressure Range 50 lbs. to 500 lbs.

Volume Range 10 to 750 gallons per minute.



80% Efficiency Guaranteed

Write to **NORTHERN FIRE APPARATUS CO., Minneapolis, Minn.**

Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Weinman Pump Co., 300 Spruce, Columbus, O.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood Pump Co., 375 Central av S, Los Angeles, Cal.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11893a— Pumps (Molasses)

Davidson M. T. Co., 154 Nassau, New York
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Northern Fire Apparatus Co., 2422 Union av, Minneapolis, Minn.
See adv index at end of book
Quimby Wm E., Inc., 209 Parkhurst, Newark, N. J.

11893b— *Pumps (Naphtha)

Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11894— Pumps (Oil)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Becker Milling Machine Co. ("Becker" for Machine Tools), Hyde Park, Mass.
Bethlehem Shipbuilding Corp. (Cargo), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Blackmer Rotary Pump Co., Petoskey, Mich.
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bowser S. F. & Co., Ft. Wayne, Ind.
Buffalo Steam Pump Co., Buffalo, N. Y.
Bunting Iron Wks., Dept. H, First Nat. Bk. buldg, San Francisco, Cal.
Butler Mfg. Co., Kansas City, Mo.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
C. H. & E. Mfg. Co. (Portable Gasoline & Kerosene Engine Driven), 384 Clinton, Milwaukee, Wis.
Davidson M. T. Co. (For Light Service), 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fosston-Carpenter Co. (Force Feed), St. Paul, Minn.
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hills McCanna Co. (Marine Hand), 2025 Elston av, Chicago, Ill.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Hopedale Mfg. Co., Roper Dept., Milford, Mass.
Huyette Paul B. Co. ("Manzel" Sight Feed), 5H S 18th, Phila., Pa.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kraft A. C. ("Aztec," "Bools," "Coco," "Gross," "Heft," "Midget," "Stuhl," "Walker," "W. & E." & "Zetroc"), 323 W. Lake, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
LUNKENHEIMER CO. ("Alpha," "Universal," "Invincible," "Marvel"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCullough Mfg. Co., 2636 Central av, *See adv index at end of book*
McDonald A. Y. Mfg. Co., (Kerosene & Gasoline Pumping Systems) Dubuque, Ia.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Michigan Lubricator Co. (Hand), 3643 Beaubien, Detroit, Mich.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Niagara Lubricator Co., Ellicott sq, Buffalo, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.
Oberdorer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Platt Iron Works Co. (Power & Steam), Dayton, O.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Quimby Wm E., Inc., 209 Parkhurst, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Sharlow Bros. Co. (Tin), 442 W 42nd, New York
Tokheim John J., Cedar Rapids, Ia.
Tokheim Oil Tank & Pump Co. Fort Wayne, Ind.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Witt G. E. Co. ("Duplex"), 862 Howard, San Francisco, Cal.
Wood Pump Co., 375 Central av S, Los Angeles, Cal.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, Nek York
See adv index at end of book

11895—*Pumps (Oil Burning Outfits)

Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Erwin & Co., 3736 Cottage Grv. av, Chicago, Ill.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

11896— Pumps (Oil Line)

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jamieson M. W. & Co., Warren, Pa.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11897—Pumps (Oil, Motor Cycle)

Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*

11898—Pumps (Oil or Gas Well)

American Steam Pump Co., Battle Creek, Mich.
Associated Well Supply Co. Inc., 111 Broad, New York *See adv index at end of book*
Axelson Machine Co., Los Angeles, Cal.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
D. & B. Pump & Supply Co., 301 W av, 26th, Los Angeles, Cal.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Herron R. H. Co., 934 N Alameda, Los Angeles, Cal.
LUCEY MANUFACTURING CORP., 233 B'way, New York
For branch offices see Alphabetical Section
Masseth Packer & Mach. Co., Butler, Pa.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwich, Conn.
National Supply Co., Union Bk bldg, Pittsburgh, Pa.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Norris W. C., Tulsa, Okla.

11899—Pumps (Oil Refinery)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.

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Fig. 108
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PUMPS (OIL REFINERY)—continued

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

Quimby Wm E., Inc., 209 Parkhurst, Newark, N. J.

11900—Pumps (Oil Rotary)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.

BEACH-RUSS CO., 50G Church, New York
See adv index at end of book

Beman Automatic Oil Can Co. (Ltd.) ("Beman" Rotary Force for Oil & Other Liquids), Meadville, Pa.

DEMING CO., Salem, O.
See adv index at end of book

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.

Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Lobee Pump & Machinery Co., East Buffalo, N. Y.

Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.

Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

Nugent Wm. W. & Co. (Plunger & Electric), 146 W. Superior, Chicago, Ill.

Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Taber Pump Co., Buffalo, N. Y.

Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.

Wilgus Mfg. Co. ("Wilgus"), Los Angeles, Cal.

Witt G. E. Co., 862 Howard, San Francisco, Cal.

11901—Pumps (Oil, Self-Measuring)

American Oil Pump & Tank Co., Findlay & Dalton, Cincinnati, O.

Beman Automatic Oil Can Co. (Ltd.) ("Beman"), Meadville, Pa.

Bowser S. F. & Co., Fort Wayne, Ind.

Chapin R. E. Mfg. Works ("Guthrie"), Batavia, N. Y.

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.

Dayton Pump & Mfg. Co., Dayton, O.

Eastern Oil Tank Co. (Chas. E. Gee, Prop.), Lowell, Mass.

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.

Freeland B. F. Sons Co., Sturgis, Mich.

Gilbert & Barker ("Gilbert & Barker" and Non Measuring Power & Hand Driven), Dept H, Springfield, Mass.

Jones Automatic Measuring Pump Co., Shelbyville, Ind.

Kewanee Private Utilities Co., West Side, Kewanee, Ill.

Kraft A. C., 323 W Lake, Chicago, Ill.

Milwaukee Tank Works ("Milwaukee," "Quality"), Fratney & Becker, Milwaukee, Wis.

National Pump Co., Dayton, O.

Richardson-Phenix Co., 131 2nd, Milwaukee, Wis.

San Diego Machine Co. (For Sardine Canning), San Diego, Cal.

Tokheim John J. (For Gasoline, Lubricating & Paint Oils), Cedar Rapids, Iowa

Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.

Vac Liquid Equipment Co. ("Vac"), Cedar Rapids, Ia.

Wayne Oil Tank & Pump Co., Ft. Wayne, Ind.

Western Oil Pump & Tank Co., 2437 Koschusko, St. Louis, Mo.

Wilson F. Cortez Co., 159 W Lake, Chicago, Ill.

11902—Pumps (Oil, Tin & Galvanized)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*

Chapin R. E. Mfg. Works ("Eclipse," "Ideal," "Handy"), Batavia, N. Y.

Delphos Mfg. Co., 1st & Pierce, Delphos, O.

Gordon-Lawless Co., Omaha, Neb.

Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.

Kraft A. C., 323 W Lake, Chicago, Ill.

Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*

National Enameling & Stamping Co., 411 5th av, New York

11903—Pumps (Outside Packed)

Aldrich Pump Co., Allentown, Pa.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

McGowan John H. Co., Cincinnati, O.
See adv index at end of book

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

Vogt Bros. Mfg. Co., Louisville, Ky.

11904—Pumps (Packing House)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.

Aldrich Pump Co., Allentown, Pa.

American Steam Pump Co., Battle Creek, Mich.

Beach-Russ Co., 50G Church, New York
See adv index at end of book

Boyle-Dayton Co. (Gasoline), 52nd & Santa Fe, Los Angeles, Cal.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.

Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book

McGowan John H. Co., Cincinnati, O.
See adv index at end of book

Midwest Engine Co., Indianapolis, Ind.

Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11905—Pumps (Paper Maker's Fan)

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.

Erie Pump & Engine Works, 141 Glenwood av, Medina, N. Y.
See adv index at end of book

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Jennings Pump & Dredge Co., 150 N Dearborn, Chicago, Ill.

Morris Machine Works, Baldwinsville, New York

Rumsey Pump Co. (Ltd.) (For Forcing & Raising Pulp, etc), Box J, Seneca Falls, N. Y.

11906— Pumps (Paper Mill)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.

Aldrich Pump Co., Allentown, Pa.

American Steam Pump Co., Battle Creek, Mich.

American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*

BEACH-RUSS CO., 50G Church, New York
See adv index at end of book

Boyts Porter Co., Dept H, Connellsville, Pa.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Buffalo Steam Pump Co., Buffalo, N. Y.

Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Chicago Pump Co., 2342 Wolfram av, Chicago, Ill.

Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

DEMING CO., Salem, O.
See adv index at end of book

Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.

Frederick Iron & Steel Co., Frederick, Md.

Jennings Pump & Dredge Co., 180 Dearborn, Chicago, Ill.

Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Jennings Pump & Dredge Co., 180 Dearborn, Chicago, Ill.

Kingsford Fdry. & Mach. Works, Oswego, New York

Kinney Mfg. Co. ("Kinney"), 3541 Washington, Boston, Mass.

McGowan John H. Co., Cincinnati, O.
See adv index at end of book

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

Morris Machine Works, Baldwinsville, New York
Nash Engineering Co. ("Nash" Hydro-turbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co., 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Platt Iron Works Co., Dayton, O.
Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
Smith & Winchester Mfg. Co., S Windham, Conn.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP., 155 B'way, New York
See adv index at end of book

11907—Pumps (Paper Mill Suction Box Vacuum)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11907a—*Pumps (Pipe Line)

Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

11908—Pumps (Pitcher Spout)

Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
Lined, Iron or Brass), Mansfield, O.
Love M. A. Mfg. Co., Rockford, Ill.
MYERS F. B. & BRO. ("Myers" Brass Cylinder, Cog Gear), 900 Fourth, Ashland, O. *See adv index at end of book*
Peters Pump Co., Kewanee, Ill.
Red Jacket Mfg. Co. ("Red Jacket"), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Trahern Pump Co., Rockford, Ill.
Ward Lowe Pump Co., Rockford, Ill.

11909— Pumps (Plantation)

Aldrich Pump Co., Allentown, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Menge Pump & Machy Co. (For Irrigating), 862H Tchoupitoulas, New Orleans, La.
Midwest Engine Co., Indianapolis, Ind.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11910— Pumps (Plumbers')

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
Darling O. J. & Co., 372 Kirby av, W Detroit, Mich.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Garrison Brass & Machine Wks., 107 W 13th, New York
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Kirkup Robert & Co., 616 Lodge, Cincinnati, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Wolverine Brass Works ("Plumbers' Friend"), Grand Rapids, Mich.

11911—Pumps (Plumbers' Force)

Boekel Wm. & Co. (Inclined Air), 518 Vine, Phila., Pa.
Crestline Mfg. Co., Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Elkhart Rubber Works (Rubber), Elkhart, Ind.
Garrison Brass & Machine Wks, 107 W 13th, New York
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Kennedy J. E. ("Little Giant," Lift & Force), 30 E 42d, New York
Penna. Furnace & Stove Co., Warren, Pa.
Perkes Chas. (Est. of), 625 Arch, Phila., Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.

11912— Pumps (Plunger)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Bowser S. F. & Co., Ft. Wayne, Ind.
Boyts Porter & Co. ("Yough" Wood & Lead Lined), Dept H, Connellsville, Pa.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Kinney Mfg. Co. ("Kinney" Rotating for Heating Plants), 3541 Washington, Boston, Mass.
Laughlin Thos. Co. ("Russell"), Portland, Me.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Mauch Chunk Iron Works, Mauch Chunk, Pa.
Midwest Engine Co., Indianapolis, Ind.
MYERS F. E. & BRO. ("Myers") 900 Fourth, Ashland, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
Nugent W. W. & Co., 146 W Superior, Chicago, Ill.
Pomona Mfg. Co., Pomona, Cal.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Woodard Machine Co., Worcester, O.

11913— Pumps (Pneumatic)

See also Pneumatic Pumping Systems

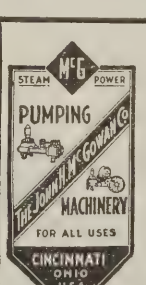
Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Brown E. C. Co., Rochester, N. Y.
Chicago Pump Co. (Water Supply), 2342 Wolfram, Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co. (Also Auto-Pneumatic), 900 S Wabash av, Chicago, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Harris Brockman Mfg. Co. ("Harris"), Greenville, S. C.
Lunt Moss Co., 43 S Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Peters Pump Co., Kewanee, Ill.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

11914—Pumps (Pneumatic Displacement)

Latta-Martin Pump Co., Hickory, N. C.

11915— Pumps (Power)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Cement Machine Co., Keokuk, Ia.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, THE, 112 Broadway, Aurora, Ill.
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bessemer Gas Engine Co., Grove City, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Boyts Porter Co., Dept H, Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Carlin John H. Machine Co. (& Steam), Pittsburgh, Pa.
Challenge Co., Batavia, Ill.
Clot E. Machine Wks., 940 Bryant, San Francisco, Cal.
Columbiana Pump Co., Columbiana, O.
Columbus Steam Pump Works Co., Columbus, O.
Connersville Blower Co., Connersville, Ind.
Crestline Mfg. Co. ("Crestline" Belt Driven), Crestline, O.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Down" For Various Purposes), Quincy, Ill.
Dayton Pump & Mfg. Co., Dayton, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Decatur Pump & Mfg. Co. (Elect. & Gasoline Engine), Decatur, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Dubois Iron Works (High Duty), Dubois, Pa.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Evans C. H. & Co., 187 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co. ("Fairbanks Morse," "Typhoon" & "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Ft. Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.
Foster Pump Works Inc. (Electric & Belt Driven), 37 Bridge, Brooklyn, N. Y.
French Oil Mill Machinery Co. (High & Low Pressure for Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Fulton Machine & Vise Co., Lowville, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Glenn & Stiteler, 421 N 19th, Phila., Pa.
GOULDS MFG. CO., 71 W Fall, Seneca
See adv index at end of book
See adv index at end of book
Hayes Pump & Planter Co. (Triple Cylinder), Galva, Ill.
Henion & Hubbell, 219 N Jefferson, Chicago, Ill.
Humphryes Mfg. Co. (For Contractors' Use), Mansfield, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Jarvis Engine & Machine Works ("Jarvis"), Lansing, Mich.
La Vergne Pump Co. (Portable Gasoline), 284 No 5th, Newark, N. J.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Lucas Tool & Production Pump Co. ("Lucas" Double Acting Triplex), 427 Valley, Dayton, Ohio
McDonald A. Y. Mfg. Co. (Air & Water), Dubuque, Ia.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book



Built on the interchangeable system under the same rules of inspection inaugurated by the U. S. Shipping Board in the production of pumps for the Emergency Fleet. All pumps are guaranteed to perform the service recommended of them and against any defects arising during term of guarantee.

The John H. McGowan Co.
Cincinnati, O.

Mast, Foos & Co. ("Buckeye" Force), Springfield, O.
Midland Brass Works (Well Double Stroke), Dept H, Fort Worth, Tex.
Midwest Engine Co., Indianapolis, Ind.

PUMPS (POWER)—continued
Milwaukee Air Power Pump Co., 886 3d, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Bulldozer & Hydro-Pneumatic Imperial), 900 Fourth, Ashland, O.
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine., South Norwalk, Conn.
National-Standard Co., Box 211, Niles, Mich.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Ohio Valley Supply Co., Marietta, O.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 33 W 42d, New York
Pacific Pump & Supply Co. (Jobber), 853 Folsom, San Francisco, Cal.
Peters Pump Co., Kewanee, Ill.
Platt Iron Works Co., Dayton, O.
Pratt & Cady Co., Inc. (Triplex "Davis Duplex"), Hartford, Conn.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Roberts Geo. J. Co., ("Gem"), Dayton, O.
Roots P. H. & F. M. Company, Connersville, Ind.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
San Diego Machine Co., San Diego, Cal.
Schramm Chris. D. & Son, Inc., Dept H, West Chester, Pa.
Scranton Pump Co., Scranton, Pa.
Smedley Pump Co., Dubuque, Ia.
Stewart Heater Co., N Tonawanda, N. Y.
Tokheim John J. (For Gasoline Lubricating & Paint Oils), Cedar Rapids, Ia.
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Walker Mfg. Co. (Up to 1,000,000 Gallons Daily), Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Weinman Pump Mfg. Co. (Geared, Electric, Belt Driven, etc), 300 Spruce, Columbus, O.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Pumps (Pressure)

See Pumps, Steam

11916—Pumps (Pressure Tank)

Aldrich Pump Co., Allentown, Pa.
Boyts Porter Co., Dept H, Connellsville, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11917—Pumps (Private Water Works)

Aldrich Pump Co., Allentown, Pa.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DeLaval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fort Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Lawrence Machine Co. ("Lawrence" Centrifugal), 42 Island, Lawrence, Mass.
See adv index at end of book
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Penna Pump & Compressor Co., Easton, Pa.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11918— Pumps (Propeller)

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Morris Machine Works, Baldwinsville, N. Y.
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book
Wood Pump Co., 375 Central av, Los Angeles, Cal.

11919—Pumps (Pulp Grinder)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11920— Pumps (Quarry)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Aldrich Pump Co., Allentown, Pa.
American Well Works, Aurora, Ill.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Boyts Porter Co., Dept H, Connellsville, Pa.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11921—*Pumps (Railroad Force)

DEMING CO., Salem, O.
See adv index at end of book
Northern Fire Apparatus Co. 2422 Univ. av, S E, Minneapolis, Minn.
See adv index at end of book

11921a—*Pumps (Receiver)

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

11922—Pumps (Reciprocating)

Boyts Porter & Co., Dept H, Connellsville, Pa.
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Fort Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Plant Engng. & Equipt. Co., Inc., 11 John, New York
Vogt Bros. Mfg. Co., Louisville, Ky.

11923—Pumps (Reclamation)

Aldrich Pump Co., Allentown, Pa.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Wood Pump Co., 375 Central av S, Los Angeles, Cal.

11924—Pumps (Return Line Vacuum Heating)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

11925— Pumps (Rotary)

Abbe Paul O., Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Anniston Electric Steel Corp., Anniston, Ala.
Bagley & Sewall Co. (And Reciprocating), Watertown, N. Y.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Blackmer Rotary Pump Co., Petoskey, Mich.
Century Pump Co., 719 6th, Brooklyn, N. Y.
Connersville Blower Co. (Positive Pressure Gas), Dept. H, Connersville, Ind.
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Davis-Johnson Mfg. Co., 4811 W Jackson, Chicago, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Diamond Machine Co., Monongahela, Pa.
Douglas W. & B., Middletown, Conn.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co. (Force, etc), 900 S Wabash av, Chicago, Ill.
Foster Pump Works Inc. (Also Rotary Handle), 37 Bridge, Brooklyn, N. Y.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Henion & Hubbell, 219 N Jefferson, Chicago, Ill.
Hersey Mfg. Co. (Soap), 314 W 2nd, South Boston, Mass.
Holyoke Machine Co., Holyoke, Mass.
Humphryes Mfg. Co. (Garage), Mansfield, Ohio
Hunt Rodney Mach. Co. (Fire), Orange, Mass.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Lobee Pump & Machine Co., East Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Perrin Wm. R. & Co., 37 W Van Buren, Chicago, Ill.
Pittsburgh Machine Tool Co. ("Curtis" Mine), Braddock, Pa.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Ross Chas. & Son Co. ("Ross" for White Lead & Putty), 148 Classon av, Brooklyn, N. Y.
Rumsey Pump Co. (Ltd.) (Force, Fire & Oil Service), Box J, Seneca Falls, N. Y.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
Taber Pump Co. (Beer Circulating & Racking, etc), Buffalo, N. Y.
Trahern Pump Co. (Hand & Power), Rockford, Ill.
Trimount Rotary Power Co. ("Trimount" Hand & Power), 18 Heath, Boston, Mass.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
U. S. Bottlers' Machinery Co. ("U. S." Bronze), 2511 Park av, Chicago, Ill.
Union Tool Co., Torrane, Cal.
YEOMANS BROS. CO., 1436 Dayton, Chicago, Ill. *See adv index at end of book*

Pumps (Rotary Oil)

See Pumps, Oil Rotary

11926—Pumps (Rotative Dry Vacuum)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11927—Pumps (Sand Feed, Stone Sawing)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Frenier & Son, Rutland, Vt.

11928—Pumps (Sand & Dredging)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*

Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works ("Erie"), 149 Glenwood av, Medina, N. Y.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Worth Well Machy. & Supply Co. (Sand for Cleaning Out), Fort Worth, Tex.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hendy Joshua Iron Works (Spiral Sand Pumps), 75 Fremont, San Francisco, Cal.
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kansas City Hay Press Co. ("Lightning" Pump, Sand Only), Kansas City, Mo.
Kingsford Foundry & Machine Works (Belt of Engine Driven, etc), Oswego, N. Y.
Larkin & Co. ("Palm's" Combination Sand Pump & Butler, "Larkin" Improved Sand Pump), Butler, Pa.
Lawrence Pump & Engine Co. ("Vortex" Belt & Engine Driven), Lawrence, Mass.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
Norbom Engineering Co. (Dredging), Denckler bldg, Phila., Pa.
Northern Fire Apparatus Co. (Hydraulic Dredging), 2422 Univ. av, S E, Minneapolis, Minn. *See adv index at end of book*
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Penna. Pump & Compressor Co., Easton, Pa.
Potts C. & A. & Co., Indianapolis, Ind.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Strait H. N. Mfg. Co., Kansas City, Kans.
Taylor-Wharton Iron & Steel Co. (Hydraulic), High Bridge, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
United Iron Works, Oakland, Cal.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wood Pump Co., 375 Central av S, Los Angeles, Cal.
Yuba Mfg. Co., Insurance Exch. bldg, San Francisco, Cal.

11929— Pumps (Screw)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
Midwest Engine Co., Indianapolis, Ind. Wis.
Quimby, Wm. E. Inc., 209 Parkhurst, Newark, N. J.

Pumps (Self-Measuring)

See Pumps, Oil, Self-Measuring

11930—Pumps (Service & Drip)

Advance Jump & Compressor Co., Flint & Division Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Phoenix Meter Co., Camden, N. J.

11931— Pumps (Sewage)

Advance Jump & Compressor Co., Flint & Division Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Cement Machine Co., Keokuk, Ia.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co., 2342 Wolfrom, Chicago, Ill. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd") Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Economy Pumping Machinery Co., 133 Curtis, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., 1111 Bush, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Latta-Martin Pump Co., Hickory, N. C.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, Ohio.
Priestman Albert ("Priestman"), 328 Chestnut, Philadelphia, Pa.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wood Pump Co., 375 Central av S, Los Angeles, Cal.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11932—Pumps (Ship & Deck)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
Bishop's Wm. Sons (Brass Deck Fire), 18 James, New York
Columbiana Pump Co., Columbiana, O.
Dayton-Dowd Co. ("Dayton-Dowd") Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO. ("Triumph"), Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Garrott W. T. & Co. ("Hooker"), 299 Fremont, San Fransisco, Cal.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Marine Mfg. & Supply Co, 158 South, New York
Midwest Engine Co. (& Yacht) Indianapolis, Ind.
Murray Bros. Machine Works, 231-233 Folsom, San Francisco, Cal.
MYERS F. E. & BRO. (Century Defiance, (Handy Billy) 900 Fourth, Ashland, O.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Union av., S. E. Minneapolis, Minn.
See adv index at end of book
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Sands Alfred B. & Son Co., 20 Vesey, New York
Union Steam Pump Co., Battle Creek, Mich.
Van Duzen, E. W. Co (Steam Jet), 428 E 2d, Cincinnati, O.
Vogt Bros. Mfg. Co., Louisville, Ky.

11933— Pumps (Sinking)

Aldrich Pump Co. (Electric, Vertical, Triplex, etc.), Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Boyts, Porter & Co., Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Clot E. Machine Wks, 940 Bryant, San Francisco, Cal.
Dayton-Dowd Co. ("Dayton-Dowd") Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Fairbanks, Morse & Co. (Electric & Steam), 900 S Wabash av, Chicago, Ill.
Garrott W. T. & Co. ("Garrott" Jack Head Plunger for Pumps), 299 Fremont, San Francisco, Cal.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Jackson Byron Iron Works, Berkeley, Cal.
Krogh Pump & Machy Co., 147 Beale, San Francisco, Cal.
Luitwieler Pumping Engine Co., Rochester, N. Y.
National Steam Pump Co., Upper Sandusky, O.
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co., Battle Creek, Mich.
Traylor Enginering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHY. CORP. (Steam or Electric Mine), 115 B'way, New York
See adv index at end of book

11934— Pumps (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Saco-Lowell Shops (Hydraulic), 77 Franklin, Boston, Mass.

11935— Pumps (Slip)

Crossley Machine Co., (For Clay, etc), State & Chestnut av, Trenton, N. J.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11936— Pumps (Slurry)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Traylor Enginering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*

11937— Pumps (Slush)

Aldrich Pump Co., Allentown, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa. *See adv index at end of book*
Union Tool Co. ("Ideal"), Torrance, Cal.
Vogt Bros. Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11938— Pumps (Soapmakers')

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros., Steam Pump Works, 327 W. 10th, Indianapolis, Ind.
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Hersey Mfg. Co. (Rotary), 314 W 2nd, South Boston, Mass.
Lobee Pump & Machy. Co. ("Lobee"), Buffalo, N. Y.
Northern Fire Apparatus Co., 2422 Union av, Minneapolis, Minn.
See adv index at end of book
Quimby, Wm. E. Inc., 209 Parkhurst, Newark, N. J.
Vogt Brothers Mfg. Co., Louisville, Ky.

11938a— Pumps (Soda)

De Laval Steam Turbine Co. (Centrifugal) -E. Trenton, N. J.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

11939— Pumps (Spray)

American Steam Pump Co., Battle Creek, Mich.
Baltimore Cooperage Co., Ostend & Leadenhall, N. Baltimore, Md.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Brandt Mfg. Co. ("Eureka," Compressed Air, "Peerless," "Perfection," "Simplex"), 310 3rd av N, Minneapolis, Minn.
Brown E. C. Co. ("Auto Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co., Crestline, O.
Dayton Mfg. Co., Dayton, O.
DEMING CO. (Cart, Tank & Power Spray Pumps), Salem, O.
See adv index at end of book
Doughten H. W., Moorestown, N. J.
Douglas W. & B., Middletown, Conn.
Eureka Mower Co. (Atomizers), 16 Hickory, Utica, N. Y.

PUMPS (SPRAY)—continued

Fairbanks, Morse & Co. ("Typhoon"), 900 S Wabash av, Chicago, Ill.
New Favorite Mfg. Co. ("Favorite"), 183 W Maple, Columbus, O.
Field Force Pump Co., Elmira, N. Y.
Field Force Pump. Co. ("Empire King," "Garfield," "Knapsack," "Wooster," "New Watson," "Yellow Jacket," "Red Jacket," "Empire Leader," "Junior Leader," "Senior Leader," "Royal Leader" Potato Sprayer), Dept. H, Elmira, N. Y.
Fitzhenry-Guptill Co. (Power), 135 1st, Cambridge, Mass.
Flater H. & Son, Findlay, O.
Friend Mfg. Co. (Hand), Gasport, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hardie Mfg. Co., Hudson, Mich.
Hayes Pump & Planter Co. (Hand & Power), Galva, Ill.
Hess, Snyder Co. ("Novelty"), Massillon, Ohio
Humphryes Mfg. Co., Mansfield, O.
Judd & Leland Mfg. Co. ("Cyclone," "Little Wonder," "Tornado," "Little Grand"), Clifton Springs, N. Y.
Koenigkramer F. F. (For Trees, Whitewashing & Water Painting), 1914 Western av, Cincinnati, O.
Latham & Co., Sandusky, O.
Lauson-Lawton Co., De Pere, Wis.
LAWRENCE MACHINE CO., ("Lawrence" Centrifugal) 42 Island, Lawrence Mass. *See adv index at end of book*
Lowell Specialty Co., Lowell, Mich.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Morrill & Morley Mfg. Co. ("Eclipse" & "Eureka"), Benton Harbor, Mich.
MYERS F. E. & BRO. ("Little Giant," "Imperial" Cog Gear Bucket, "Myers Improved," "Myers Mandy," "Myers O. K.," Myers Panama "Myers Perfect," "Myers" Whitewashing or Painting Machine, "Myers" Hydraulic, "Myers" Cog Chain, "Myers Century," "Myers Pitman" Power, "Myers" Back Geared, "Myers" Fountain, "Myers Faultless," "Defiance," Double Cylinder, & Cog Gear, "Duplex" & Triplex Automatic), 900 Fourth, Ashland, O. *See adv index at end of book*
Niagara Sprayer Co., Middleport, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn. *See adv index at end of book*
Orchard Machinery Mfg. Co. ("Gamo Triplex" Orchard), Gasport, N. Y.
Peppler Thos. Son & Co. ("Perfection" Sprayers), Hightown, N. J.
Pontiac Tractor Co. (Power), Pontiac, Mich.
Potato Implement Co. (Knapsack Sprayers Atomizers & Powder Guns), Traverse City, Mich.
Red Cross Mfg. Co., Bluffton, Ind.
Rippley Mfg. & Steel Boat Co. (Sprayers), Grafton, Ill.
Rochester Spray Pump Co. ("W. & R."), Rochester, N. Y.
Rome Bicycle Mfg. Co., Rome, N. Y.
Rumsey Pump Co. (Ltd.), (Force), Box J, Seneca Falls, N. Y.
Smith D. B. & Co., Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior" Gas Engine Power), Quincy, Ill.
Standard Stamping Co., Huntington, W. Va.
Star Brass Works, 3129 Carroll av, Chicago, Ill.
Termaat & Monahan Mfg. Co. (Spraying Outfits), Oshkosh, Wis.
Trahern Pump Co., Rockford, Ill.
Union Steam Pump Co. (Fruit Spraying), Battle Creek, Mich.
Ward Love Pump Co., Rockford, Ill.

11940—Pumps (Spray, Barrel)

Barnes Mfg. Co., Mansfield, O.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bean Spray Pump Co., San Jose, Cal.
Brandt Mfg. Co. ("Wide World"), 310 3rd av N, Minneapolis, Minn.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Church Bros., Adrian, Mich.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline" Double Acting, etc), Crestline, O.
DEMING CO. ("Captain," "Century," "Major"), Salem, O.
See adv index at end of book
Douglas W. & B. ("Arlington," "Saybrook"), Middletown, Conn.
Field Force Pump Co. ("Empire King," "Junior Empire"), Elmira, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Goulds Mfg. Co., ("Fruitall" "Pomona," "Standard"), 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hardie Mfg. Co., Hudson, Mich.
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
LeRoy Plow Co., LeRoy, N. Y.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Morrill & Morley Mfg. Co., Benton Harbor, Mich.
MYERS F. E. & BRO. ("Myers" "Century" "Perfect" Cog Gear), 900 Fourth, Ashland, O. *See adv index at end of book*
Rochester Spray Pump Co., Rochester, N. Y.
Rumsey Pump Co. (Ltd.) Box J. Seneca Falls, N. Y.
Smith D. B. & Co. ("Lightning" & "Yankee"), Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

11941—Pumps (Spray, Bucket)

Barnes Mfg. Co. ("Perfection"), Mansfield, O.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bean Spray Pump Co., San Jose, Cal.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Church Bros., Adrian, Mich.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
DEMING CO. ("Perfect Success," "Prize," "Success"), Salem, O.
See adv index at end of book
Douglas W. & B. ("Aquapeller," "Aqua Jack," "Gardener," "Aquapult," "Aquarius"), Middletown, Conn.
Goulds Mfg. Co. ("Bordeau," "Premier"), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hardie Mfg. Co., Hudson, Mich.
Holl Mfg. Co. ("Novelty"), 45 N Division, Buffalo, N. Y.
Humphryes Mfg. Co., Mansfield, O.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
MYERS F. E. & BRO. ("Defiance," "Imperial," "Little Giant," "Perfect" Cog Gear Lever) 900 Fourth, Ashland, O. *See adv index at end of book*
Rochester Spray Pump Co., Rochester, N. Y.
Smith D. B. & Co. ("Lightning"), Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

11942— Pumps (Station)

Boyts Porter & Co., Dept. H, Connellsville, Pa.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Northern Fire Apparatus Co., 2422 Univ. av., Minn., Minn.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

11943— Pumps (Steam)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
Amer. Well & Prospecting Co., Corsicana, Tex.
AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Anderson Mach. & Fdry. Co., Anderson, S. C.
Blake & Knowles Steam Pump Wks., 115 B'way, New York
Blakeslee Mfg. Co., DuQuoin, Ill.
Boyts Porter & Co. ("Yough"), Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
Carthage Fdry & Machine Works, Carthage, Mo.
Century Pump Co. (Direct Acting & Duplex), 719 6th, Brooklyn, N. Y.
Century Pump Works, Carthage, Mo.
Clot E. Machine Wks, 940 Bryant, San Francisco, Cal.
Columbus Steam Pump Works Co., Columbus, Ohio
Connellsville Machine & Car Supply Co. ("Lafayette"), Connellsville, Pa.
Connersville Blower Co., Dept. H, Connersville, Ind.
Cook August D. (Deep Well), Lawrenceburg, Ind.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crawford & McCrimmon Co., Brazil, Ind.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Dow Pump & Diesel Engine Co., 311 California, San Francisco, Cal.
Dubois Iron Works ("Simplex"), Dubois, Pa.
Edwards Jos. & Co., 827 E. 9th. New York
Emerson Pump & Valve Co. ("Emerson" Steam Vacuum), Alexandria, Va.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Evans C. H. & Co. ("Thomson & Evans"), 137 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farrar Pump & Machinery Co., Granite bldg., St. Louis, Mo.
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam Air), 2013 S 3d, St. Louis, Mo.
Furness Bros. Co., 1613 Walnut, Chicago, Ill.
GARDNER GOVERNOR CO., 23 Williamson, Quincy, Ill.
See adv index at end of book
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Goyne Steam Pump Co., Ashland, Pa.
Grant Iron Works, Mahanoy City, Pa.
Great Lakes Engng, Works, Real Estate Exch bldg, Detroit, Mich.
GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.
Hall Steam Pump Co. ("Hall"), 213 Galveston, Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Henlon & Hubbell, 219 N. Jefferson, Chicago, Ill.
Hooker Steam Pump Wks., 318 Granite bldg, St. Louis, Mo.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Jackson Byron Iron Works, Berkeley, Cal.
Jamieson M. W. & Co., Warren, Pa.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
See adv index at end of book
Keystone Iron Works, 37th & Santa Fe av, Los Angeles, Cal.
Lourie Mfg. Co., The, Springfield, Ill.
See adv index at end of book
Luitwieler Pumping Engine Co., Rochester, N. Y.
LUCEY MANUFACTURING CORP. ("Bull Dog," "Lucey"), 233 B'way, New York
For branch offices see Alphabetical Section
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
Manistee Iron Works Co. (Marine), Manistee, Mich.
Midwest Engine Co. (High Duty), Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
Mt. Carmel Iron Works, Mt. Carmel, Pa.
National Foundry & Machine Co. ("Reilly"), Louisville, Ky.
National Steam Pump Co. (High Duty), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Norbery Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Northwestern Iron Works (Marine), Seattle, Wash.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Ocean Shore Iron Wks., 550 8th, San Francisco, Cal.
Pattin Bros. Co., Marietta, O.
Penna. Pump & Compressor Co., Easton, Pa.
Plant Engng. & Equipt. Co., Inc., 11 John, New York
Plant Engineering & Equipment Co. Inc. ("Wagener"), 192H B'way, New York
Platt Iron Works Co. ("Smith-Valle"), Dayton, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Prescott Co., Menominee, Mich.
Prescott Fred M. Steam Pump Co., 115 B'way, New York
Pulsometer Steam Pump Co., 220 W 42nd, New York
Quimby, Wm. E. Inc., 209 Parkhurst, Newark, N. J.
Reilly Steam Pump Works, Louisville, Ky.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av, St. Louis, Mo.
Rodgers Iron Mfg. Co., Muskegon, Mich.
Schramm Chris D. & Son Inc., 709 Arch, Phila., Pa.
Scranton Pump Co., Scranton, Pa.
Smedley Pump Co., Dubuque, Ia.
Southwark Fdry & Mach. Co., 430 Washington av, Phila., Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co. ("Moore," "Burnham," "Union"), Battle Creek Mich.
Van Duzen E. W. Co. (Jets), 428 E 1d, Cincinnati, O.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Virginia Foundry & Machine Co. ("Osborn"), Virginia, Minn.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Walker Mfg. Co., Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
Wheeler C. H. Mfg. Co., Lehigh & N. 18th, Phila., Pa.

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book
Wilson-Snyder Mfg. Co., 3 Ross, Pittsburgh, Pa.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP. (High or Low Pressure), 115 B'way, New York
See adv index at end of book
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

11944—Pumps (Steam Turbine)

Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Union av., Minn., Minn.
See adv index at end of book
Penna. Pump & Compressor & Co., Easton, Pa.
WHEELER CONDENSER & ENGINEERING CO. (Drive), W. Carteret, N. J.
See adv index at end of book

Pumps (Stuff)

See Pumps, Fan & Stuff

11945—Pumps (Suction Box)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Menge Pump & Machy. Co., 862H Tchoupitoulas, New Orleans, La.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11946-7—Pumps (Sugar House)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dayton-Dowd Co. ("Dayton-Dowd") Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.
Haubtman & Loeb Co., Ltd., 618 Magazine, New Orleans, La.
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGOWAN JOHN H. CO., Cincinnati, Ohio
See adv index at end of book
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
NORTHERN FIRE APPARATUS CO., 2422 Univ. av, Minneapolis, Minn .
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.
Pioneer Iron Wks., 149 Pioneer, Bklyn, N. Y.
Platt Iron Works Co., Dayton, O.
Roots P. H. & F. M. Company, Connersville, Ind.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Trahern Pump Co., ("Rotary") Rockford, Ill.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Pumps (Sulphur Fume)

See Pumps, Centrifugal

11948— Pumps (Syphon)

Barnes Mfg. Co., Mansfield, O.
Challenge Co., Batavia, Ill.
Chaplin-Fulton Mfg. Co., 24 Penn av, Pittsburgh, Pa.
Crestline Mfg Co. (Force), Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Eynon Evans Corp., N 15th & Clearfield, Phlia., Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Leng's John S. Son & Co., 33 Murray, New York
MYERS F. E. & BRO., ("Myers"), 900 Fourth, Ashland, O.
See adv index at end of book
Schutte & Koerting Co., 1251 N 13th, Phila., Pa. *See adv index at end of book*

11949— Pumps (Syrup)

Aldrich Pump Co., Allentown, Pa.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works Inc., 37 Bridge, Brooklyn, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill. *See adv index at end of book*
Quimby, Wm. E. Inc., 209 Parkhurst, Newark, N. J.
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

11950— Pumps (Tail)

Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11951— Pumps (Tank)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bowser S. F. & Co., Fort Wayne, Ind.
Boyts Porter & Co., Connellsville, Pa.
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
Bushnell Pump Co. (Tubular Well), Bushnell, Ill.
Butler Co., Butler, Ind.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Church Bros., Adrian, Mich.
Clot E. Machine Wks., 940 Bryant, San Francisco, Cal.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline" Power, for Threshman, etc), Crestline, O.
Davidson M. T. Co. 154 Nassau, New York.
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mill Mfg. Co., Beatrice, Neb.
Douglas W. & B., Middletown, Conn.
Dubois Iron Works, Dubois, Pa.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier" Double Acting), Kendallville, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Heller-Aller Co., Napoleon, O.
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co, 180 N. Dearborn, Chicago, Ill.
Love M. A. Mfg. Co. (Thresher, etc), Rockford, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
Manistee Iron Works Co., Manistee, Mich.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Midwest Engine Co., Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
MYERS F. E. & BRO. ("Myers" Low Down, "Myers Century" Low Down, "Myers" Cog Gear Low Down, "Myers" Faultless Low Down & "Myers" Geared), 900 Fourth, Ashland, O.
See adv index at end of book
National Steam Pump Co. (Low Duty), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Penna Pump & Compressor Co., Easton, Pa.
Platt Iron Works, Co., Dayton, Ohio.
Quimby Wm. E., Inc., 209 Parkhurst, Newark, N. J.
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Double Acting Force, etc.), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Seneca Falls, N. Y.
Stewart Heater Co., N Tonawanda, N. Y.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.
Trahern Pump Co., Rockford, Ill.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Ward Pump Co. (Thresher, etc.), Rockford, Ill.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book
Woodard Machine Co. (Duplex), Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11952— Pumps (Tannery)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York.
Dayton-Dowd Co., ("Dayton-Dowd") Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Economy Pumping Machinery Co., 123 Curtis, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Morris Machine Works, Baldwinsville, N. Y.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Penna. Pump & Compressor Co., Easton, Pa.
Taber Pump Co., Buffalo, N. Y.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Turner Tanning Machy. Co. ("Turner," Rotary Liquor), Peabody, Mass.
Vogt Bros. Mfg. Co., Louisville, Ky.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11953— Pumps (Tar)

Advance Pump & Compressor Co., Flint & Division, Battle Ceeek, Mich.
Aldrich Pump Co., Allentown, Pa.
American Steam Pump Co., Battle Creek, Mich.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

PUMPS (TAR)—continued
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Kinney Mfg. Co., 3529 Washington, Boston, Mass.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
NORTHERN FIRE APPARATUS CO., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.

11954— Pumps (Test)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich .
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Steam Pump Co., Battle Creek, Mich.
Ashcroft Mfg. Co., 119 W 40th, New York
Belfield H. Co., 435 N Broad, Phila., Pa.
Boekel Wm. & Co. (Gas Fitters), 518 Vine, Phila., Pa.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crosby Steam Gage & Valve Co. ("Crosby") 40 Central, Boston, Mass.
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Garrison Brass & Machine Works, 107 W 13th, New York
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Henderer's A. L. Sons (Boiler Makers), Wilmington, Del.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Steam Specialty Co. ("National," Screw for Testing Gauges, Steam Gauge, etc), 16 S Clinton, Chicago, Ill.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
SCHAEFFER & BUDENBERG MFG. CO. (Inspectors, Portable), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

Pumps (Tire)

See Pumps, Air, Tire

11955 —Pumps (Tower)

Aldrich Pump Co., Allentown, Pa.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book

11955a— Pumps (Track)

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Trench)

See Pumps, Diaphragm

11956— Pumps (Triplex)

Aldrich Pump Co., Allentown, Pa.
Boyts Porter & Co., Dept. H, Connellsville, Pa.
C. H. & E. Mfg. Co. (Portable Gasoline & Kerosene Engine Driven) 384 Clinton, Milwaukee, Wis.
Davidison M. T. Co. (Vertical), 154 Nassau, New York.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Pumping Machy Co., 122 Curtis, Chicago, Ill.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co. (Power), 900 S Wabash av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Kewanee Private Utilities Co. ("Kewanee" Long Stroke), West Side, Kewanee, Ill.
Luitwieler Pumping Engine Co., Rochester, N. Y.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Platt Iron Works Co., Dayton, Ohio.
Rumsey Pump Co., (Ltd.), Box J, Seneca Falls, N. Y.
Scranton Pump Co., Scranton, Pa.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book
Yeomans Bros. Co., 1436 Dayton, Chicago, Ill. *See adv index at end of book*

11957— Pumps (Turbine)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Cal.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co. (Electric Driven Multi-Stage), 2342 Wolfram, Chicago, Ill.
See adv index at end of book
Coppus Engng. & Equipment Co. (Feed), Worcester, Mass.
Dayton-Dowd Co., ("Dayton-Dowd") Quincy, Ill.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Economy Pumping Machy. Co., 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co. (Single & Multi Stage), 900 S Wabash av, Chicago, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hunt Rodney Machine Co., Orange, Mass.
Jackson Byron Iron Works, Berkeley, Cal.
Kerr Turbine Co., Wellsville, N. Y.
KIMBALL FRANK J. CO. (Direct Flow), 1860 E 15th, Los Angeles, Cal.
Kingsford Foundry & Machine Works (Motor Driven), Oswego, N. Y.
Krogh Pump & Machy. Co. (For High Lights), 147 Beale, San Francisco, Cal.
LAWRENCE MACHINE CO. ("Lawrence" Steam & Motor Driven, etc), 42 Island, Lawrence, Mass.
See adv index at end of book
Lawrence Pump & Engine Co. "Vortex" Steam & Motor Driven, etc), Lawrence, Mass.
Layne & Bowler Co., 37 W Van Buren Chicago, Ill.
Lea-Courtenay Co., 5 Main, Newark, N. J
Midwest Engine Co. Indianapolis, Ind.
Nash Engineering Co. ("Nash," Hydro Turbine), South Norwalk, Conn.
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Power Turbo Blower Co., 347 Madison av. New York
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Engineering Co. ("Dayton"), Cuyahoga & W 4th, Cleveland, O.
Vulcan Iron Works Co. ("Pennington"), Denver, Colo.
WORTHINGTON PUMP & MACHY. CORP. (Also Centrifugal), 115 B'way, New York *See adv index at end of book*

11958—Pumps (Underground Force)

Boyts Porter & Co., Dept. H, Connellsville, Pa.
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Trahern Pump Co., Rockford, Ill.
Ward Love Pump Co., Rockford, Ill.

11959—Pumps (Underwriters')

American Well Works The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Platt Iron Works Co., Dayton, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHY CORP., 115 B'way, New York
See adv index at end of book

11960— Pumps (Vacuum)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
Abbe Engineering Co. (High or Low Vacuum), 50G Church, New York
See adv index at end of book
Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Aldrich Pump Co., Allentown, Pa.
American Air Compressor Works, 26 Cortlandt, New York
American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.
American Electric Air Pump Co. (Small), Penn & Barbeau, Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
Astle H. J. & Co. ("Boland," Noiseless, Positive), 118 Orange, Providence, R. I.
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Bishop & Babcock Co. ("B. & B." Automatic Hydraulic, for Heating Systems), 1204 E 55th, Cleveland, O.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Braun-Knecht-Heimann & Co., 576-584 Mission, San Francisco, Cal.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
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Buffalo Steam Pump Co. (Crank & Flywheel & Single Cylinder), Buffalo, N. Y.
Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.
Bury Compressor Co., Erie, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York, N. Y.
See adv index at end of book
CHICAGO PUMP CO., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
Columbus Steam Pump Works Co., Columbus, Ohio
Connorsville Blower Co., Connorsville, Ind.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Davidson M. T. Co. (Air & Vacuum), 154 Nassau, New York.
Dean Bros., Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Devine J. P. Co. ("Emil Passburg" System), Buffalo, N. Y.
Dow Pump & Diesel Engine Co. ("Dow"), Alameda, Cal.
Elmer & Amend, 205 3d av, New York
Emerson Pump & Valve Co. ("Emerson" Steam), Alexandria, Va.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
Gen'l Compressed Air & Vacuum Machy. Co., St. Louis, Mo.
General Electric Co. ("Langmaur" Condensation for High Vacuum), Schenectady, N. Y. *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.
Hall Steam Pump Co., ("Hall"), 213 Galveston, Pittsburgh, Pa.
Hubbard's Norman Sons ("Niagara" "Improved Packard"), 265 Water, Brooklyn, N. Y.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kinney Mfg. Co. ("Kinney" for Condensers, Evaporation, etc), 3541 Washington, Boston, Mass.
Kruger & Blind Co., 511 Master, Phila., Pa.
Leiman Bros., 81 Walker, New York.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
MESTA MACHINE CO., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co. ("National"), Upper Sandusky, O.
New York Air Brake Co., 165 B'way, N. Y.
Northern Fire Apparatus Co. (Steam Heating), 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 33 West 42nd, New York
Oliver Mfg. Co., 4th & Madison, Oakland, Calif.
Penna. Pump & Compressor Co., Easton, Pa.
Plant Engng. & Equipt. Co., Inc., 11 John, New York
Platt Iron Works Co., Dayton, O.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Provost Engng. Co., 50G Church, New York
Roots P. H. & F. M. Company ("Root's" Small Power Blower), Connersville, Ind.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Scranton Pump Co., Scranton, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.

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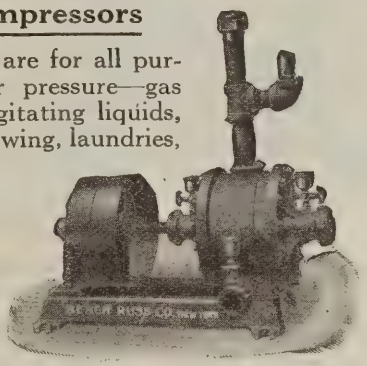


Fig. 1

Single Stage Vacuum Pumps

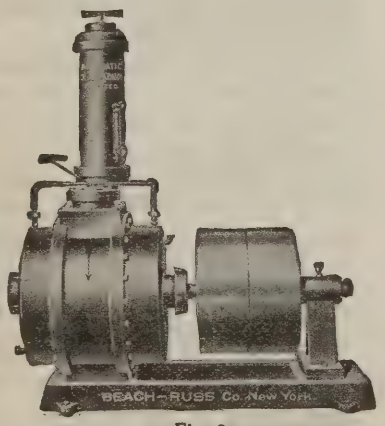


Fig. 2

These pumps (Fig. 2) may be used for all purposes where a vacuum up to 28 in. (711 mm.) is required. They are built in the same capacities as the Beach-Russ Rotary Air Compressors.

Compound High Duty Vacuum Pumps

Guaranteed to exhaust to within 1/10″ of the barometer.

These pumps (Fig. 4) were awarded the gold medal at the Panama-Pacific Exposition. They are simple in construction and silent in operation, have no gears or complicated parts, take up little room and have low power consumption per unit volume of air displaced.

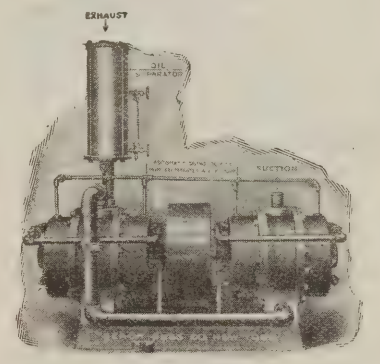
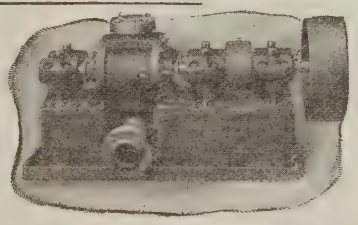


Fig. 4

USES—These pumps can be used to advantage in distilling, incandescent lamp exhausting, preserved food sealing, vacuum bottle manufacturing, vacuum heating, liquid transferring, laboratories and many other operations. Ball bearing construction.

Heavy Liquid Pumps



These pumps (Fig. 5) are designed for pumping coal tar products, oils, greases, paints, varnish and other liquids of high viscosity. Capacities 1 to 500 gallons per minute.

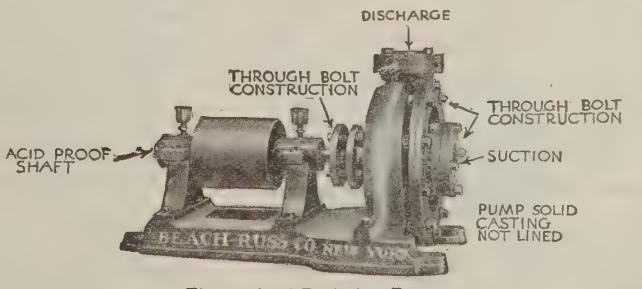


Fig. 3—Acid Resisting Pump

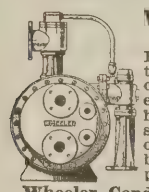
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Union Steam Pump Co., Battle Creek, Mich.
Utility Compressor Co., 1165 Harper av, Detroit, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
Wagener Steam Pump Co., Canton, O.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
West St. Louis, Machine & Tool Co., 606 Vandeventer av, St. Louis, Mo.
Wheeler C. H. Mfg. Co. ("Pratt," "C. H. Wheeler-Thyssen"), Lehigh av & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGNG. CO. ("Wheeler-Edwards" Suction Valveless; "Wheeler" Rotative Dry Vacuum; "Wheeler" Turbo Air; "Wheeler" Steam Jet Air), W Carteret, N. J.
See adv index at end of book


WHEELER STEAM JET AIR PUMP
Has exclusive patented feature of two jets working in series with a condenser between the jets, which enables this pump to produce higher vacuum with much lower steam consumption than any other ejector pump made. We build all other types of vacuum pumps.
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West Carteret, New Jersey 138-6

Wilbraham-Green Blower Co., Pottstown, Pa.
WORTHINGTON PUMP & MACHINERY CORP. (Hydraulic), 115 B'way, New York. *See adv index at end of book*
York Elec. & Mach. Co., York, Pa.

11961—*Pumps (Vacuum Cleaning)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book

11962—*Pumps (Vacuum Distillation)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book

11963—Pumps (Vacuum, Dry & Wet)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
American Well Works The, (Wet Geared Type, Steam Turbine Driven), 112 B'way, Aurora, Ill.
See adv index at end of book
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CAMERON A. S. STEAM PUMP WORKS (Direct Acting & Crank & Fly-Wheel), Bowling Green bldg, New York
See adv index at end of book
Chicago Pneumatic Tool Co., 6 East 44th, New York *See adv index at end of book*
Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Oliver Continuous Filter Co. (Dry), 503 Market, San Francisco, Cal., & 33 W 42nd, New York.
Penna. Pump & Compressor Co., Easton, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11964—*Pumps (Vacuum for Vacuum Heating)

Abbe Paul O., Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Chicago Pump Co., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
CROWELL MFG. CO. ("Crowell"), 319-321 Franklin av, Brooklyn, N. Y.
See adv index at end of book

11965-6— Pumps (Volute)

Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Midwest Engine Co. Indianapolis, Ind.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., Inc., 209 Parkhurst Newark, N. J.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11967— Pumps (Water)

Aldrich Pump Co., Allentown, Pa.
Blackmer Rotary Pump Power & Mfg. Co., Retoskey, Mich.
Boyts Porter & Co., Dept. H, Connellsville, Pa.
Bunting Iron Wks., First Nat. Bank bldg, San Francisco, Cal.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Earle Gear & Machine Co., Stenton & Wyoming av, Phila., Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks G. L. & Son (Autom, etc.), 166 Union, Worcester, Mass.
Fort Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Harris Brockman Mfg. Co. ("Harris"), Greenville, S. C.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Laursen Automatic Pump Co., Menomonie, Wis.
McGowan John H. Co., Cincinnati, O.
See adv index at end of book
Menge Pump & Machy Co., 862H Tchoupitoulas, New Orleans, La.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
See adv index at end of book
Pacific Pump & Supply Co., (Jobbers), 353 Folsom, San Francisco, Cal.
Roberts Geo. J. Co. ("Gem"), Dayton, O.
San Diego Machine Co, San Diego, Cal.
Traylor Engineering & Manufacturing Co. Allentown, Pa.
See adv index at end of book
United Pump & Power Co., Belleview pl & Larkin, Milwaukee, Wis.

11968—Pumps (Water Motor)

Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Valle-Kimes Co. ("V. & K."), Dayton, O.

11969—Pumps (Water Works)

Advance Pump & Compressor Co, Flint & Division, Battle Creek, Mich.
Aldrich Pump Co., Allentown, Pa.
Allis-Chalmers Mfg. Co. (Steel), Milwaukee, Wis.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS THE (Direct Connected to Steam Turbine), 112 B'way, Aurora, Ill.
See adv index at end of book
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byron Jackson Iron Works, Sharon bldg, San Francisco, Calif.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 15. Nassau, New York.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
DEMING CO., Salem, O.
See adv index at end of book
Earle Gear & Machine Co., Stenton & Wyoming av, Philadelphia, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Epping-Carpenter Pump Co., ft of 43d, Pittsburgh, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
See adv index at end of book
Gardner Governor Co., 23 Williamson, Quincy, Ill.
See adv index at end of book
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co, 180 N Dearborn, Chicago, Ill.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Lawrence Machine Co. ("Lawrence" Centrifugal), 42 Island, Lawrence, Mass.
See adv index at end of book
McGOWAN JOHN H. CO., Cincinnati, O.
See adv index at end of book
Midwest Engine Co. Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
MYERS F. E. & BRO. (Myers Bulldozer), 900 Fourth, Ashland, O.
See adv index at end of book
National Steam Pump Co., Upper Sandusky, O.



Built on the interchangeable system under the same rules of inspection inaugurated by the U. S. Shipping Board in the production of pumps for the Emergency Fleet. All pumps are guaranteed to perform the service recommended of them and against any defects arising during term of guarantee.
The John H. McGowan Co.
Cincinnati, O.

Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book
Penna. Pump & Compressor Co., Easton, Pa.
Platt Iron Works Co., Dayton, O.
Roots P. H. & F. M. Company (Rotary Pressure), Connersville, Ind.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Strait H. N. Mfg. Co., Kansas City, Kans.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Wood Pump Co., 375 Central av S, Los Angeles, Cal.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11970—Pumps (Water Works, Vacuum for Priming)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Northern Fire Apparatus Co., 2422 Univ. av, Minneapolis, Minn.
See adv index at end of book

11971— Pumps (Windmill)

See also Windmills

Aermotor Co., 2500 W 12th, Chicago, Ill.
Althouse-Wheeler Co., Waupun, Wis.
Baker Mfg. Co., Evansville, Wis.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Barnes Mfg. Co., Mansfield, O.
Beckman Bros. ("B-B"), Des Moines, Ia.
Bushnell Pump Co., Bushnell, Ill.
Butler Co., Butler, Ind.
Butler Mfg. Co., Kansas City, Mo.
Challenge Co., Batavia, Ill.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
Columbiana Pump Co., Columbiana, O.
Cook August D. (Force), Lawrenceburg, Ind.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
Davis-Hansen Co. (Force & Lift), Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Duplex Mfg. Co., Superior, Wis.
Evans C. H. & Co., 189 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co. ("Fairbanks Morse" & "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co. ("20th Century"), Mansfield, O.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Mast, Foos & Co., Springfield, O.
MYERS F. E. & BRO. ("Imperial" Regulator & Syphon, "Branch Pipe," "Three-Way" & "Defiance," Ashland Century Cog Gear), 900 Fourth, Ashland, O. *See adv index at end of book*
Pacific Pump & Supply Co., (Jobber), 353 Folsom, San Francisco, Cal.
Peters Pump Co., Kewanee, Ill.
Plattner Yale Mfg. Co., Lincoln, Neb.
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Force), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
Talbot Air Lift Co., 335 N 4th, Phila., Pa.
Trahern Pump Co., Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill
Ward Love Pump Co., Rockford, Ill.
Woodmanse Mfg. Co., Freeport, Ill.

Crowell

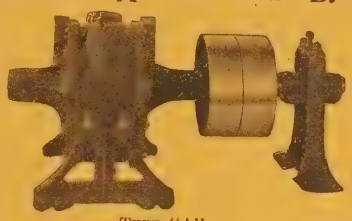
Mfg. Co. Brooklyn, N. Y.

Sole Manufacturers under Patents of Crowell Rotary Air Compressors, Vacuum Pumps and Pressure Blowers for Laboratory Work, Chemical Plants, Gas and Oil Furnaces.

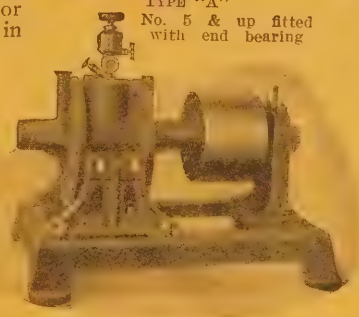
Positive Pressure Blowers, Types "A" and "B."

Adapted for all purposes requiring air under pressure of 1 to 8 lbs. per sq. in., or any degree of vacuum not exceeding 24 ins.

Construction, same in both types, consisting of an internal drum and shaft carrying sliding blades or pistons operating in close contact with cylinder walls, giving simple positive action. No springs, gears, valves, or unbalanced parts, and pressure not dependent upon high speeds or centrifugal force.



TYPE "A"
No. 5 & up fitted with end bearing



TYPE "B"

DATA, POSITIVE PRESSURE BLOWERS, TYPES "A" AND "B"

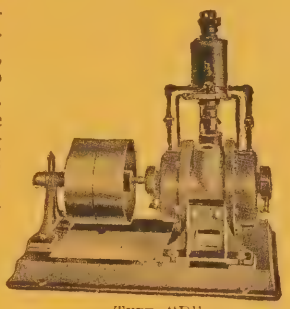
GENERAL DETAILS TYPES "A" AND "B"							TYPE "A"			TYPE "B"		
Size number	Free air capacity: Cu. ins. per rev.	Free air capacity: Cu. ft. per min. at max. speed	Rev. per min., max. speed	Approx. h. p. at 3 lbs. pressure	Pulleys, ins.	Pipe size, inlet and outlet, ins.	Net weight, lbs.	Floor space, ins.	List price	Net weight, lbs.	Floor space, ins.	List price
1	20	6.9	600	⅛	4x1	½	24	10 x 6¼	$28.00	42	14x10	$38 00
2	45	13.	500	¼	4x1½	¾	34	12 ½x 6½	36.00	55	16x11	46.00
3	125	25.3	350	½	6x2½	1	90	22 x14	58.00	145	25x20	68.00
4	280	40.5	250	1	9x3	1½	170	28 x17	75.00	240	30x23	85.00
5	460	53.2	200	1½	10x3	2	225	34 x20	110.00	330	37x25	125 00
6	690	79.8	200	2	12x4	2	320	38 x20	150.00	570	41x25	170.00
8	1050	121.5	200	3½	14x6	2½	575	48 x22	210.00	790	50x27	250.00
10	1660	192.	200	5	18x6	3	770	54 x28	280.00	1050	56x33	345.00
12	3390	392.3	200	7	20x6	4	1300	60 x31	480.00	1770	62x36	545.00

DATA, TYPE "D" ROTARY COMPRESSOR OR VACUUM PUMP

Size number	Free air capacity: Cu. ins. per rev.	Free air capacity: Cu. ft. per min. at max. speed	Rev. per min., max. speed	Approx. h. p. at 15 lbs. pressure or 29 ins. of vacuum	Pulleys tight and loose, ins.	Approx. net weight, lbs.	Pipe size, inlet and outlet, ins.	Floor space, ins.	List price
1-D	15	4.3	500	¾	6x2	70	½	13x18	$78.00
2-D	40	9.2	400	1	8x2	115	¾	14x22	95.00
3-D	100	17.	300	2	12x4	250	1	19x34	125.00
4-D	280	40.5	250	4	14x4	425	1½	23x38	220.00
5-D	400	46.	200	5	18x6	580	2	26x44	245.00
6-D	600	69.4	200	6½	18x8	725	2	26x55	320.00
8-D	1000	115.7	200	9	20x8	1150	2½	30x64	440.00
10-D	1650	190.9	200	12	22x10	1675	3	36x70	650.00
12-D	3390	392.	200	20	24x10	2150	4	38x75	1000.00

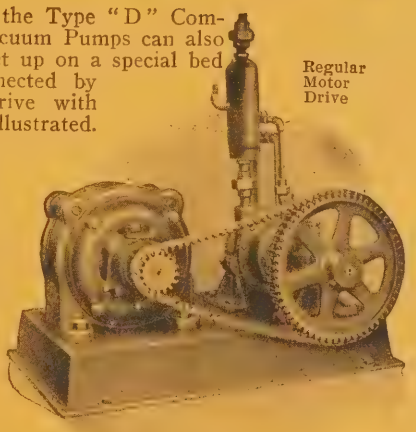
Rotary Compressor or Vacuum Pump, Type "D."

Single stage pump, designed for working pressure of 25 lbs. per sq. in., or vacuum of from 29 to 30 ins. (mercury column). It is of simple, positive and durable action, having no valves, springs, gears or unbalanced parts, and requiring no special foundation.



TYPE "D"

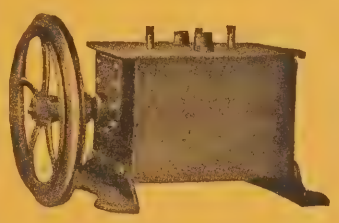
All sizes of the Type "D" Compressors or Vacuum Pumps can also be furnished set up on a special bed plate and connected by silent chain drive with motor as illustrated. These Outfits are made up to order only and as per specifications as to motor, etc., and prices will be quoted accordingly.



Regular Motor Drive

Crowell No. 0, Type "D." For Use in Small Laboratories and all Other Experimental Work

Designed for intermittent operation and specially adapted for vacuum work; can exhaust to a vacuum of from 29½ to 30 ins. (mercury column). Fitted in oil immersion box, which makes it leakproof, or can be used without box. Capacity about 2 cu. ft. of free air per minute, requiring ¼ h. p. to operate.



TYPE "O-D" PUMP IN OIL IMMERSION BOX

Price (with oil box), **$66.00** —(without), **$55.00**

Deming

HAND AND POWER PUMPS FOR ALL USES

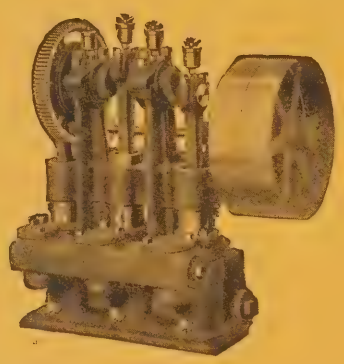


FIG 50
Single Acting Triplex Power Pump for Boiler Feeding and General Water Supply. Capacities from 300 to 60,000 gallons per hour, in Standard Sizes.

Whatever the pumping need, there is a Deming Pump built to exactly fit the requirement. There are "over a thousand Deming pumps of different types and sizes," and back of every pump are 41 years of specialized effort and a 41 year reputation for integrity to guarantee dependable, economical service from the pump you buy.

Tell us the source of supply; vertical elevation from surface of water to pumps; elevation from pump to discharge; power available; purpose for which pump is to be used; approximate quantity of water desired, and we will gladly recommend the pumping outfit best suited to your needs.



FIG 80
Power Working Head for Deep Wells. For Wells 540 Feet Deep or Less.

THE DEMING COMPANY

Established 1880 **SALEM, OHIO**

"HAND AND POWER PUMPS FOR ALL USES"

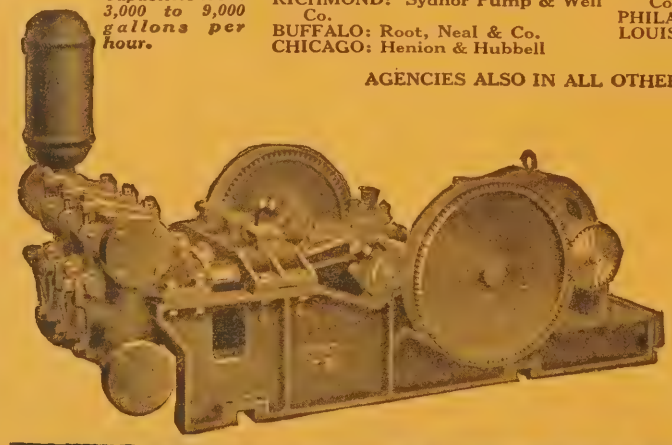
FIG 73
Deming Mine Pump. One of Our Many Different Mine Pumps. Valves are Easily Accessible. Gears are Carefully Guarded. Capacities from 3,000 to 9,000 gallons per hour.

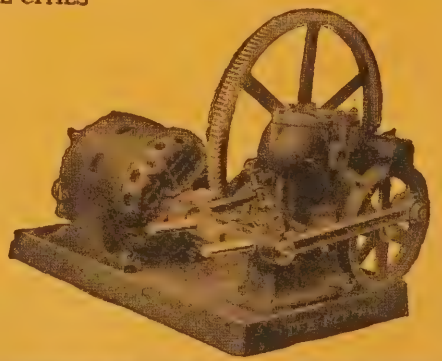
GENERAL DISTRIBUTORS

NEW YORK CITY: Ralph B. Carter Co.
BOSTON: Chas. J. Jager Co.
PITTSBURGH: Harris Pump & Supply Co.
RICHMOND: Sydnor Pump & Well Co.
BUFFALO: Root, Neal & Co.
CHICAGO: Henion & Hubbell
SAN FRANCISCO: Crane Co.
DENVER: Hendrie & Bolthoff Mfg. & Supply Co.
CHARLOTTE, N. C.: Realty Bldg.
DETROIT: Kerr Machinery & Supply Co.
PHILADELPHIA: W. P. Dallett Co.
LOUISVILLE: Laib Co.

AGENCIES ALSO IN ALL OTHER PRINCIPAL CITIES

FIG 691
"Atlas" Power Pump with Type "B" Drive. For General Water Supply and Hydro-Pneumatic Water Systems. Made in Three Sizes with Capacities of 600, 1,200 and 2,400 Gallons per hour.





PUMPS

11971a— Pumps (Wine)

Aldrich Pump Co., Allentown, Pa.
Foster Pump Works, Inc., 37 Bridge, Brooklyn, N. Y.
Pulsometer Steam Pump Co., Irvington, N. J.
Traylor Engineering & Manufacturing Co., Allentown, Pa.
See adv index at end of book

11972— Pumps (Wood)

Althouse-Wheeler Co., Waupun, Wis.
Biggs B. F. Pump Co., Lafayette, Ind.
Boyts, Porter & Co., Dept. H, Connellsville, Pa.
Bushnell Pump Co., Bushnell, Ill.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Chandler Pump Co., Cedar Rapids, Ia.
Cincinnati Pump Co., Liberty & Clay, Cincinnati, O.
Consolidated Pump Co., Toledo, O.
Dempster Mill Mfg. Co., Beatrice, Neb.
Florence Table & Lumber Co., Memphis, Tenn.
Hill W. C., Brasher Falls, N. Y.
Knecht & Thomas Pump Co., Union City, Ind.
Rich Pump Co., South & Depot, Cincinnati, O.
Saco Mfg. Co., Saco, Me.
Sweet Geo. W., Flint, Mich.
West Wm. S. & Son, Chillicothe, O.

11973— Pumps (Wrecking)

Advance Pump & Compresser Co., Flint & Division, Battle Creek, Mich.
Blakeslee Mfg. Co., DuQuoin, Ill.
Buffalo Steam Pump Co., 490H B'way, Buffalo, N. Y.
Davidson M. T. Co., 154 Nassau, New York.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 180 N Dearborn, Chicago, Ill.
Kingsford Fdry. & Mach. Wks., Oswego, N. Y.
Midwest Engine Co. Indianapolis, Ind.
Morris Machine Works, Baldwinsville, N. Y.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Platt Iron Works Co., Dayton, O.
Swenson J., ft. of Warren, Jersey City, N. J.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11974-5—Pumps & Boilers (Combined)

Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Blakeslee Mfg. Co., Du Quoin, Ill.
Columbus Steam Pump Works Co., Columbus, O.
Davidson M. T. Co., 154 Nassau, New York.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Hall Steam Pump Co., ("Hall") 213 Galveston, Pittsburgh, Pa.
Murphy Timothy Iron Works, Jacksonville, Fla.
Toomey Frank Inc. (Dealers), 127 N 3rd, Phila., Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

Punch Sleeves

See Sleeves Drill & Punch

11976— Punch Stems

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E. Cleveland, O.

11977—Punch & Shear Combined (Hand Power)

Armstrong-Blum Mfg. Co. ("Marvel," also I Beam Punch & Slitting Shear), 327 N Francisco av, Chicago, Ill.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Clark Foundry Co. ("Jarrell"), Rumford, Me.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Custer W. F. & Son ("Custer"), Summitville, Ind.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Hendley & Whittemore Co. ("Beloit"), Beloit, Wis.
Kidder J. F. Mfg. Co. ("Little Blacksmith," Deep Throat), Burlington, Vt.
Little Giant Punch & Shear Co. ("Little Giant" Lever), Sparta, Ill.
Luther Mfg. Co. ("Black Giant" for Tire Upsetting, etc.), Dept. H, Olean, N. Y.
Rock River Machine Co., Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Schatz Mfg. Co., Poughkeepsie, N. Y.
Sproul Matt Co., Sparta, Ill.
Union Mfg. Co. ("Union" Combined Punch, Shear & Rod Cutter), 300 Church, New Britain, Conn.
Weiss H. & Co. ("Little Blacksmith" Punch, Shear & Bender Combined), 83 John, New York
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Young Machine & Tool Co., Worcester, Mass.

11978—Punch & Straightener Combined

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.

11979— Punches (Arch)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Punches (Backing-out)

See Punches, Pin

11980— *Punches (Beam)

See also Punches for Ornamental Iron Work

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

11981—Punches (Belt & Saddlers', Drive)

Atkins E. C. & Co. ("Rogers"), Indianapolis, Ind.
Bemis & Call Hdw. & Tool Co. (Steel Belt), Springfield, Mass.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Manufacturers Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.
Mayhew H. H. Co., Shelburne Falls, Mass.
OSBORNE C. S. & CO., Box 183 Newark, N. J. *See adv index at end of book*

PUNCHES
ROUND AND OVAL
Superior Quality
PLIERS, NIPPERS, ETC.
Send for Catalogue
C. S. OSBORNE & CO.
Established 1826
Box 183 NEWARK, N. J.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
Smith Otis A., Rockfall, Conn.
Smith & Egge Mfg. Co. ("S & E. M. Co."), Bridgeport, Conn.
Standard Shoe Machinery Co., Lawrence, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Solid Steel), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll" Drive), West Haven, Conn.

11982—Punches (Belt & Saddlers', Revolving, Etc.)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
OSBORNE C. S. & CO., Box 183 Newark, N. J. *See adv index at end of book*
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith & Egge Mfg. Co. ("S. & E. M. Co."), Bridgeport, Conn.
Stearns E. C. & Co. (Revolving Spring), 450 Oneida, Syracuse, N. Y.

11983— Punches (Bench)

American Lock Nut & Tool Co. ("Lightning"), Oregon, Ill.
Badger State Machine Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Butts & Ordway Co. ("B & O," "Easy"), 33 Purchase, Boston, Mass.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Goodell-Pratt Co., Greenfield, Mass.
Hendley & Whitmore Co. ("Beloit' Band), Beloit, Wis.
Little Giant Punch & Shear Co., Sparta, Ill.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y. Band), Beloit, Wis.

11984—Punches (Blacksmiths')

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Atha Tool Co., Chapel, Newark, N. J.
Beall Bros., Alton, Ill.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion" Steel), Lancaster, Pa.
Champion Tool Co. ("Champion" Hand & Eye), Meadville, Pa.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Rock River Machine Co., Janesville, Wis.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

11985-6—Punches (Boilermakers' Screw)

See also Punching Machines, Boilermakers'
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Bullock C. K. Co., 1357H Ridge av, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Channon Jas. H. Mfg. Co. (Screw, Also With Ratchet Handle), 227 W Erie, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
Excelsior Tool & Machine Co. (Small), 32d & Ridge, East St. Louis, Ill.
Henderer's A. L. Sons (Hydraulic), Wilmington, Del.
Hendley & Whittemore Co. ("Beloit" Lever), Beloit, Wis.
King A. R. Mfg. Co., Kingston, N. Y.
Kling Bros. Engineering Works, 1300 N, Kostner av, Chicago, Ill.
Lovejoy Tool Works (Screw, Also With Ratchet Attachment), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Manitowoc Ship Building Co. ("Gunnell" Portable), Manitowoc, Wis.
Oswego Tool Co., Oswego, N. Y.
Richards I. P. Co., 23 Pemberton Square, Providence, R. I.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Schatz Mfg. Co., Poughkeepsie, N. Y.
WATSON-STILLMAN CO. (Hand & Hydraulic), 38 Church, New York
See adv index at end of book

Punches (Bull)

See Rings & Ringers, Hog & Bull

11987—Punches (Butchers' Saw Etc.)

Goodell-Pratt Co., Greenfield, Mass.
Thompson H. G. & Son Co. ("Thompson's"), New Haven, Conn.

11988—Punches (Button Hole)

Kraeuter & Co., 583 18th av, Newark, N. J.

11989— Punches (Carvers)

Buck Bros., Millbury, Mass.

11990—Punches (Center & Prick)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Beall Bros., Alton, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Browne & Dowd Mfg. Co. (Knurled), Meriden, Conn.
Buck Bros. (And Solid), Millbury, Mass.
Bullock Mfg. Associates, Springfield, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Chicago Tool & Kit Mfg. Co. (Center), 12 N Market, Chicago, Ill.
Cincinnati Tool Co. (Pin or Clearance), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Crescent Novelty Mfg. Co., 703 South B'way, St. Louis, Mo.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
See adv index at end of book
Delaware Tool Co., Wilmington, Del.
Enderes, Inc., Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
Goodell Mfg. Co., Greenfield, Mass.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co. (Prick), Box 183 Newark, N. J.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Roberts Tool Co., Irvington N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Sayre A. Co., 332 Mulberry, Newark, N. J.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. (THE) (Machinists, Center, etc.), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse" Knurled Octagon Prick, Center & Rivet), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Union Tool Co., Orange, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B." Tinners), 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn av, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll"), West Haven, Conn.

11991— Punches (Conductors' Tickets, Etc.)

American Railway Supply Co., 134 Charles, New York
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Bonney-Vehslage Tool Co., 61 N. J. R. R. av, Newark, N. J.
Bridgeport Hardware Mfg. Corp. ("Trump" Reservoir, etc), Bridgeport, Conn.
Cincinnati Mfg. Co., Cincinnati, O.
Crocker L. O., Jr., East Braintree, Mass.
Exell Mfg. Co. ("XL"), New Haven, Conn.
International Register Co., 15 Throop, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lord Mfg. Co., 105 W 40th, New York,
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mac-Mieth Co., 146 Lafayette, Newark, N. J.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
McGill Metal Products Co. ("McGill," for Tickets, Notch Cutters, Cardboards, etc.), 1640 Walnut, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
Sperry & Alexander Co., 79 Chambers, New York
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Woodman R. Mfg. & Supply Co. (Cast Steel & Steel), 32 Sudbury, Boston, Mass.

11992— Punches (Coopers')

Buck Bros., Millbury, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

11993— Punches (Drift)

Plomb Tool Mfg. Co. (Long Taper), 2209 Santa Fe av, Los Angeles, Cal.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn, Cleveland, O.

11994— Punches (Drive)

See also Punches, Belt & Saddlers' Drive
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith & Egge Mfg. Co. (Chain & Punches), Bridgeport, Conn.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Williams William, Jr., New Britain, Conn.

11995— Punches (Ear Tag)

Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

11996— Punches (Eyelet)

Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

11997— *Punches (Flange)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

11998—Punches (Flue Shearing)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

11999-12000-1—Punches for Ornamental Iron Work

Braun J. G., 609 S Paulina, Chicago, Ill.
Lewthwaite T. H. Machine Co. (Power, Hand and Foot), 413 E 31st, New York
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Schatz Mfg. Co., Poughkeepsie, N. Y.

Punches (Gang)

See Punching Machines, Multiple

12002—Punches (Guide or Slotting)

Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.

12003— Punches (Hand)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Danzer Metal Works ("Handy"), Hagerstown, Md.
Dikeman Mfg. Co. (For Butchers' Blades, etc), Norwalk, Conn.
Machine Appliance Corp., 351 Jay, Brooklyn, N. Y.
MORRILL CHAS. ("Morrill" & "Apex" "Hercules" Metal), 100 Lafayette, N. Y. *See adv index at end of book*
Mossberg Frank Co., Attleboro, Mass.
Southwark Foundry & Machine Co. (or Lever Power), 1128 S 4th, Phila., Pa.
United States Tool Co., 3160 W 106th, Cleveland, O.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn, Cleveland, O.

12004—Punches (Hand Power)

American Lock Nut & Tool Co. ("Lightning," For Punching Holes in Angles, Flanges, Tank Heads, etc), Oregon, Ill.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Armstrong-Blum Mfg. Co., 337 N Francisco av, Chicago, Ill.
Badger State Machine Co., Jamesville, Wis.
Baker Wm. H., Trenton, N. J.
Bertsch & Co., Cambridge City, Ind.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co., 490 B'way, Buffalo, N.Y.
Bullock Mfg. Associates, Springfield, Mass.
California Tool Works, 181 Beale, San Francisco, Cal.
Cincinnati Iron & Steel Co., Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Evansville Tool Works, Evansville, Ind.
Excelsior Tool & Machine Co. ("Little Giant" Portable Lever), 32d & Ridge, E St. Louis, Ill.
Heartley Machine Variety Iron & Steel Works, 900 Summit, Toledo, O.
Hendley & Whittemore Co., Beloit, Wis.
Kane & Roach, Syracuse, N. Y.
Keene Geo. C. & Co., 2327 Florence av Cincinnati, O.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Klemm E. R., 1453 Austin av, Chicago, Ill
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Lewthwaite T. H. Machine Co., 413 E 31st, New York
Little Giant Punch & Shear Co. ("Little Giant"), Sparta, Ill.
Loyd John Co., 124 Baxter, New York
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Perkins Machine Co. (Metal), Warren, Mass.
Redin, Ekstrom & Co. ("Redin-Ekstrom" for Metal), "Rockford, Ill.
Richards L. P. Co. ("U. S. Standard" Punches for Punching Iron & Steel), 23 Pemberton, Providence, R. I.
Rock River Machine Co. ("Badger" Boilermakers, Tinners, etc), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Strait H. N. Mfg. Co. (For Cooperage Mfrs.), Kansas City, Kans.
Union Mfg. Co. ("Union"), 300 Church, New Britain, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Weiss H. & Co., 83 John, New York
Whitney Metal Tool Co. ("Whitney," "Uncle Sam's," "The Use's Pride" Portable), Rockford, Ill.
Young Machine & Tool Co., Worcester, Mass.

12005—Punches (Hand & Tube Hole)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co., Hamilton, O.
New Doty Mfg. Co., Janesville, Wis.
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Rock River Machine Co., Janesville, Wis.

12006-7— Punches (Hollow)

Buffum Tool Co. ("Swastika" Tinners), South Side, Louisiana, Mo.
Peck, Stow & Wilcox Co., Southington, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

Punches (Horizontal)

See Punching Machines, Horizontal; also Machinery, Punching & Shearing

Punches (Hydraulic)

See Punching Machines, Hydraulic; also Machinery, Punching & Shearing

12008—Punches (Hydraulic, for Web or T Rails, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

12009— Punches (Lever)

Delaware Tool Co., Wilmington, Del.
Hendley & Whittemore Co. ("Beloit"), Beloit, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

12010-1—Punches (Machine)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith R. G. Tool & Mfg. Co., 315H Market, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

Punches (Multiple)

See Punching Machines, Multiple

12012— Punches (Paper)

Benton Mfg. Co., 9 Bethune, New York
Globe-Wernicke Co. ("Globe"), 25 Carthage av, Cincinnati, O.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book
Proudfit Loose Leaf Co. ("Proudfit," Hand), Grand Rapids, Mich.

Tatum Sam'l C. Co., Office & Factory, Cincinnati, O.

12013— Punches (Pin)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Enderes, Inc., Albert Lea, Minn.
Goodell-Pratt Co., Greenfield, Mass.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.

Punches (Pneumatic)

See Pneumatic Punches

12014— Punches (Portable)

American Lock Nut & Tool Co. ("Lightning" Hand for Punching Holes in Angle Iron, etc), Oregon, Ill.
Armstrong-Blum Mfg. Co. ("Marvel," All Steel), 337 N Francisco av, Chicago, Ill.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Danzer Metal Works ("Danzer-Handy"), Hagerstown, Md.
Excelsior Tool & Machine Co. ("Little Giant"), 32d & Ridge, East St. Louis, Ill.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Little Giant Punch & Shear Co., Sparta, Ill.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Whitney Metal Tool Co. ("Whitney," Hand Angle Iron, etc), Rockford, Ill.

Punches (Power)

See Machinery, Punching & Shearing; also

Punches (Revolving)

See Punches, Belt & Saddlers', Revolving, etc.

12015—Punches (Rivet Hole)

Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Delaware Tool Co. (Tools), Wilmington, Del.
Roberts Tool Co., Irvington, N. J.

12016—Punches (Rolled Head)

Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.

Punches (Round or Saddlers')

See Punches, Belt & Saddlers', Drive

12017— Punches (Saw)

Disston Henry & Sons ("Midget"), Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.

Punches (Screw)

See Punches, Boilermakers', Screw

12018— Punches (Scroll)

Little Giant Punch & Shear Co., Sparta, Ill.

12019—Punches (Sheet Metal)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Kautz Fred C. & Co. (Letter & Figure), 2633 W Lake, Chicago, Ill.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

12020— Punches (Solid)

See also Punches, Tinners', Solid Drive

Bullock Mfg. Co., Springfield, Mass.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Enderes, Inc. (Round & Square Point), Albert Lea, Minn.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Vichek Tool Co. ("Vichek"), 8701 Mt. Auburn, Cleveland, O.

12021— Punches (Spiral, Spring Center)

Cleveland Steel Tool Co. (Adjustable, Extension & Reducing), 660 E 82nd, Cleveland, O.
Delaware Tool Co., Wilmington, Del.

12022— Punches (Spring)

Exell Mfg. Co. ("XL"), New Haven, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Osborne C. S. & Co., Box 183 Harrison, N. J. *See adv index at end of book*
Sacks Louis, Wilson av, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Springfield Machine Co., Springfield, Mass.

12023—Punches (Square End)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Punches (Ticket)

See Punches, Conductors' Ticket

12024—*Punches (Tie Plate)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

12025—Punches (Tinners', Solid Drive)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buck Bros., Millbury, Mass.
Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Delaware Tool Co., Wilmington, Del.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpenezy"), Plantsville, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse" Solid & Self Centering Sheet Metal), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Williams William, Jr., New Britain, Conn.

12026— Punches (Track)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Verona Tool Works, Oakmont, Pa.
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*
Western Tool & Forge Co., Brackenbridge, Pa.

12026a—Punches & Dies (Boilermakers)

Wickes Bros., 512 N Tilden, Saginaw, Mich.

Punching & Shearing Machinery

See Machinery, Punching & Shearing

12026b— *Punts

Fulton Iron Works Co. (Cane), St. Louis, Mo. *See adv index at end of book*

12027—Purifiers (Feed Water)

See also Heaters, Feed Water; also Filters, Feed Water

American-Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
Bates Machine Co. ("Cookson" System), Joliet, Ill.
Bayer Steam Soot Blower Co. ("Bayer"), St. Louis, Mo.
Berry Engineering Co. ("Berry" "Monograph"), Chester, Pa.
Cochrane H. S. B. W. Corp ("Cochrane"), 3147 N 17th, Phila., Pa.
Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
Economy Iron Works ("Dougherty"), Chester, Pa.
Frost Mfg. Co. ("Continental"), Galesburg, Ill.
Graver Wm. Tank Works, E, Chicago, Ill. *See adv index at end of book*
Graves & Marshall Co., Dayton, O.
Griscom-Russell Co. ("Massillon" Open Feed Water Heater, Purifier & Oil Extractor, "Stratton" and "Bundy" & "Russell" Separators and Reilly Multi-screen Filters), 92 West, New York *See adv index at end of book*
Harrisburg Pipe & Pipe Bending Co., Herr nr 10th, Harrisburg, Pa.
Hoppes Mfg. Co., Springfield, O.
Horstman F. W. Co., Irvington, N. J.
Jacobs Chas. & Co., 258 Franklin, Boston, Mass.
Liberty Mfg. Co., Pittsburgh, Pa.
Linton Machine Co., 26 Cortlandt, New York
Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
Milwaukee Reliance Boiler Works ("Perfection," Heater & Purifier), 1102 32d, Milwaukee, Wis.
Open Coil Heater & Purifier Co. ("Stickle" Heater & Purifier), Indianapolis, Ind.
Parsons J. H. Chemical Co. ("A. B. C."), 122 S Michigan av, Chicago, Ill.
Patterson D. W. ("Machman" System), Harrison bldg, Phila., Pa.
Patterson-Kelley Co. ("Patterson," "Berryman"), Church & Cortlandt, New York *See adv index at end of book*
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.
Power Plant Specialty Co. ("Vater"), 53 W Jackson blvd, Chicago, Ill.
Pratt & Cady Co., Inc. ("Beryman" & Gleaner" Heater & Purifiers), Hartford, Conn.
Reiter E. H., Elgin, Ill.
Ross Mfg. Co., Northville, Mich.
Ross Valve Mfg. Co. ("Railton," "Campbell"), 9 Oakwood av, Troy, N. Y.
Row & Davis Engineers Inc., 90 West, New York
SCAIFE WM. B. & SONS CO. ("Scientific"), First National Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York. *See adv index at end of book*
Sharkey & Peck ("Colles" Automatic Live Steam Filter & Purifier), 2433 W 18th Chicago, Ill.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stewart Heater Co. (Feed Water Purifying Apparatus), N Tonawanda, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Webster Warren & Co. (Chemical Feed Water), Camden, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitlock Coil Pipe Co., Hartford, Conn.

12028—Purifiers (Flour & Meal)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Sprout Waldron & Co., Muncy, Pa.

12029—Purifiers (Middlings)

Wolf Co., Chambersburg, Pa.

Purifiers (Oil)

See Filters, Oil

12030—Purifiers & Scrubbers (Gas)

See also Gas Works Apparatus & Construction; also Gas Works Machinery, etc.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
Columbiana Boiler Co., Columbiana, O.
Cruse-Kemper Co., Ambler, Pa.
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FLINN & DREFFEIN CO., 431 S Dearborn, Chicago, Ill. *See adv index at end of book*
Gas Engineering Co., Trenton, N. J.
Gas Machinery Co. (Rotary), 1900 Euclid av, Cleveland, O.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Graver Corp., East Chicago, Ind. *See adv index at end of book*
Holly Pneumatic Systems, Inc., 145H W 45th, New York
Isbell-Porter Co. (Rotary Ammonia & Shaving), 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detriot, Mich.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Meehan Boiler & Cons. Co., Lowellville, O.
Quintard Iron Works Co., 742 E 12th, New York
Riter-Conley Co., Oliver bldg., Pittsburg, Pa.
Smith Gas Engng. Co., Lexington, Richland Co., O.

PURIFIERS & SCRUBBERS (GAS)—cont.
Stacey Bros. Gas Constr. Co., Sta. P, Cincinnati, Ohio
Stacey Mfg. Co. ('Chollar's" System of Gas Purification), Big Four RR Township av, Elmwood, Cincinnati, O.
Steers Engineering Co., 7342 Woodward, Detroit, Mich.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
Wood R. D. & Co. ("Theisen"), 400 Chestnut, Phila., Pa.

12031— Push Button Centers

Auburn Button Works, Auburn, N. Y.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Hemming Mfg. Co., Garfield, N. J.
Scranton Button Co. (Lacanite), Scranton, Pa
Waterbury Button Corp., 831 S Main, Waterbury, Conn.
See adv index at end of book

12032— Push Buttons

For Other Electrical Specialties, See Index of Contents
American Hard Rubber Co., 9 Mercer, New York
Ansonia Electrical Co., Ansonia, Conn.
Arlington Works The (E. I. du Pont de Nemours & Co.), 21 E 40, New York
Auth Elec. Specialty Co., 422H E 53rd, New York
Benjamin Elec. Mfg. Co. (Auto Horn), 126-128 Sangamon, Chicago, Ill.
Bogert & Hopper, Inc. (Electric Wood), 57 Barclay, New York
See adv index at end of book
Bohm Albert (Importer), 260 W B'way, New York
Bridgeport Electric Products Co. (The), ("Crown"), Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Consolidated Car Heating Co., Albany, N. Y.
Corbin P. & F., New Britain, Conn.
Couch S. H. Co. ("Workrite," "Pushrite"), Quincy, Mass.
CUTLER HAMMER MFG. CO., 12th St. Paul av, Milwaukee, Wis.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del. *See adv index at end of book*
Edwards & Co. ("Midget," "Dixie," "New Mite") Exterior av & 140th, New York
Electric Controller & Mfg. Co., Cleveland, O. *See adv index at end of book*
Electrical Sales Co. (Auto Horn Floor), 176 Federal, Boston, Mass.
ESTES E. B. & SONS (Electric, Wood), 364 5th av, New York
See adv index at end of book
Fitzgerald Mfg. Co. ("Clero"), Torrington, Conn.
Francis-Rand Co., Erie Bldg, Cleveland, O.
General Phonograph Mfg. Co. (Auto Horn) Elyria, O.
Giant Mfg. Co., Council Bluffs, Ia.
Hemming Mfg. Co., Garfield, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
International Insulating Corp. (Rubber & Elborine), 25 W 45th, New York
Keil Francis & Son ("Anti-Wood," "Anti-Screw Midget"), 401 E 163d, New York
Knickerbocker Annunciator Co., 116 West, New York
Lovell F. H. & Co. ("Double Eagle"), Arlington, N. J.
MANHATTAN ELECTRICAL SUPPLY CO. ("Reliable" Automobile Metal Navy Standard & Watertight), 17 Park pl, New York
See adv index at end of book
Minerallac Elec. Co. (Portable desk), 1045 Washington blvd, Chicago, Ill.
MORSE FRANK W. ("Workrite"), 289 Congress, Boston, Mass.
See adv index at end of book
Murdock W. J. Co., Chelsea, Mass.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Oettinger F. W. Corp., 70 E 45th, New York
Ostrander W. R. & Co., 371 Broadway, New York
P. R. Mfg. Co., Detroit, Mich.
Partrick & Wilkins Co., 51 No. 7th, Phila, Pa.
Penn Hardware Co., Reading, Pa.
Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Russell Elec Co. (Auto Horn), Danbury, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Samson Elect. Co., 146 Summer Canton, Mass.
Sargent & Co., New Haven, Conn.
Schwarze Electric Co., Adrian, Mich.
Seng Auto Device Co. (Auto Horn), 1452 Dayton, Chicago, Ill.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Spencer's I. S. Sons, Inc. (Ordinary), Guilford, Conn.
Stanley & Patterson ("Devean"), 23 Murray, New York
Starr Bros. Bell Co., East Hampton, Conn.
Stevenson Mfg. Co. (Wood), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Taylor & Boggis Foundry Co., Cleveland, Ohio
U. S. E. M. Co. ("Usem"), 301 W 37th, New York
Union Hardware Co. (Wood), Torrington, Conn.
Usem Co. (Ordinary Table Automobile, Pendant Desk), 310 W 37th, New York
Wadsworth Novelty Mfg. Co., Wadsworth, O.
Walsh Owen Mfg. Co., 525 W 26th, New York
Western Electric Co., 463 West, New York
Wilhelm Henry (Bronze), 70 Frost, Brooklyn, N. Y.

12033—Push Plates (Plate Glass)

Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Gallagher P. J., 24 New Chambers, New York
Tru Lite Mfg. Co. ("Tru-Lite"), Dept. H, Bradford, Pa.

Pushers (Car)

See Car Movers or Pushers

12034— Pushers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.
ATLAS CAR & MFG. CO. (Electric), Cleveland, O.
See adv index at end of book
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

12034a— Pushers (Pipe)

Giant Mfg. Co., Council Bluffs, Ia.

12035— Putty (Calking)

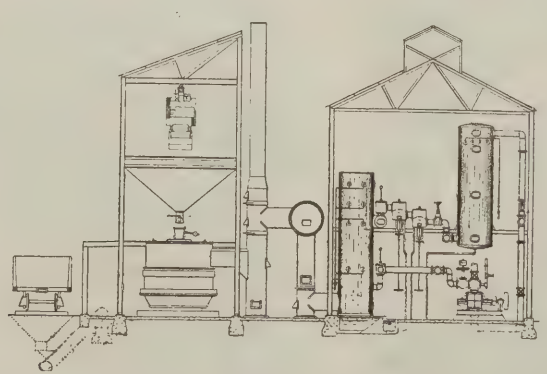
Armstrong Co., South & Post av, Detroit, Mich.
Pecora Paint Co. ("Rhino"-brand calking & Glazing compound), 4th & Sedgley av, Philadelphia, Pa.
Weatherproof Calking Co. ("Hennen" Elastic, for Walls, etc), Minneapolis, Minn.

12036—Putty (Glaziers' & Painters')

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
Allen Paint & Putty Works, 334 N Ashland ave, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
Anderson Spec. Co., 6 E Lake, Chicago, Ill.
Armstrong Co. ("Tharco" Stove, Boiler, Metal Sash, etc.), 226H Post ac, Detroit, Mich.
Baker Wm. T. (Inc), (Reliable), 224 Suydam, Jersey City, N. J.
Belknap Moran Allen Co., 5 Ainslie, Brooklyn, N. Y.
Briggs John & Co. ("Peerless"), 45 Purchase, Boston, Mass.
California Paint Co., Oakland, Cal.
Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Colebrook's W. H. Sons, Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal" White Lead), Troy, N. Y.
Crandall E. V. Oil & Putty Mfg. Co., 1105 Metropolitan av, Brooklyn, N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dicks-Pontius Co., Dayton, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Grote Geo. W. & Co, 430 E 102d, New York
Hammond Benjamin, Beacon, N. Y.
Hetzel J. G. (Est of), (Plumbers'), 67 Main, Newark, N. J.
Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
Kent & Purdy Paint Co. ("K. & P."), 307 N Main, St. Louis, Mo.
Lancaster Paint & Glass Co., Lancaster, Pa.
Louisville Lead & Color Co., Louisville, Ky.
Lucas John & Co., 322 Race, Phila., Pa.
Mound City Pant & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patton Paint Co., Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley ave, Phila, Pa.
Ruth B. F. & Co., Reading, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Tucker Mfg. Co., 17 E 137th, New York
Underhay Oil Co., 73 Batterymarch, Boston, Mass.
Weatherproof Calking Co. ("Hennen's" Weatherproof), Minneapolis, Minn.
Wilhelm A. Co., Reading, Pa.

12037— Putty (Greenhouse)

Hitchings & Co., Dept. H, Elizabeth, N. J.
Patton Paint Co. (Liquid), Milwaukee, Wis.



A Flinn & Dreffein Bituminous Producer Gas Cleaning Plant for Delivering a Tar-Free Cold Gas

WASHERS AND SCRUBBERS FOR PRODUCER GAS

We design and build complete plants for removing tar from and washing bituminous producer gas so it may be transmitted cold through standard steel piping, to be used for all kinds of furnace operations the same as natural or city gas and fuel oil.

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A waterproof, flexible and plastic pyroxylin material manufactured in a variety of forms and colors, as follows: Transparent (Clear), Tortoise Shell, Ivory, Bronze, Pearl and Colored Sheeting (Opaque or Transparent). Rods in all Colors. Tubes in all Colors.

TRANSPARENT SHEETING — Colorless transparent sheeting or flexible glass, manufactured in thicknesses from 5/1000″ up, principally in multiples of 5/1000 sheets 20″ x 36″ and 20″ x 50″ in size.

TRANSPARENT SHEETING (Colored)—Manufactured in same sizes and thicknesses as transparent sheeting. The principal colors are amber, green, blue and red.

TRANSPARENT TUBES — Transparent Pyralin tubes plain or colored diameter of opening 1/16 to 3 inches or larger; wall thickness from 30/1000 up. 55 inch lengths.

TRANSPARENT ROD—Pyralin transparent rod, diameter from .057 to 1 inch, plain or colored.

SHELL PYRALIN SHEETING — Pyralin sheeting in tortoise colors and mottle. Manufactured in same sizes and thicknesses as Pyralin transparent sheeting.

SHELL PYRALIN ROD AND BEADING —Pyralin rods and beading. Same dimension as transparent rod.

IVORY PYRALIN SHEETING—Pyralin in ivory color and grain, same thicknesses and sizes as transparent sheeting.

IVORY COLORED TUBES—Ivory Pyralin tubing in same dimensions as transparent tubing.

IVORY PYRALIN ROD AND BEADING —Pyralin ivory rod and beading in same sizes as transparent.

COLORED PYRALIN SHEETING—In same dimensions and thicknesses as transparent sheeting, made in a great variety of plain and solid colors, in mottles, stripes, and plaids, and including amber, pearl, horn and bronze.

COLORED ROD AND BEADING—Pyralin colored rods and beading in same sizes as transparent rod and beading. Used for same purposes as ivory rod and beading where different colors are desired.

MISCELLANEOUS COLORED TUBING—Pyralin tubes in all colors, in same sizes as transparent tubing. Used for same purposes as ivory tubing where different colors are desired.

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BRUSHES—Different Shapes, Sizes and Colors: Hair, Hat, Cloth, Nail, Baby.

MIRRORS—Different Shapes and Sizes.

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MANICURE SETS—In Different Assortments, including: Cases, Knives, Scissors, Nail Polishers, Files.

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COLLARS, CUFFS AND SHIRT FRONTS (Waterproof)—Cleanable collars, cuffs and shirt fronts. All styles, all sizes, dull linen finish.

E. I. DU PONT DE NEMOURS & COMPANY, Inc.

Sales Department, Pyralin Division, Wilmington, Del.

See List of Branch Offices at end of book

12038—Putty Mfrs. (Stovemakers')

Armstrong Co. ("Tharco" Asbestos), 226H Post av, Detroit, Mich.
Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Colebrook's W. H. & Sons ("Colebrook Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Tucker Mfg. Co., 17 E 137th, New York

Putty Ornaments

See Ornaments, Composition

12039— Putty Powder

Chrystal, Chas. B. (Jobbers), 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Fuller H. B. Co. ("Gibraltar"), 188 W 3rd, St. Paul, Minn.
Harrison Supply Co., 209 Washington, Boston, Mass.
Harshaw Fuller & Goodwin Co., Elec bldg., Cleveland, O.
Johnston & Jennings (All Grades), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Rhodes Jas. H. & Co. (Green & White), 2810 S Albany, Chicago, Ill.
Thurston F. W. Co. ("Fil-Tite," a Granite Hard Cold Water Crack Filler), 1332 S Clark, Chicago, Ill.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

12040— Putty (Roof)

Armstrong Co., 226 Post av, Detroit, Mich.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Johns-Manville Inc. (Asbestos), Madison av & 41st, New York
Milwaukee Corrugating Co. (Jobbers), Milwaukee, Wis.

12040a— *Pyralin

DU PONT E. I. de NEMOURS & CO. INC. (Pyralin Div.), Wilmington, Del.
See adv index at end of book

12041— Pyretometers

Randall-Faichney Co. ("R. & B."), Boston, Mass.

12042— Pyridine

Barrett Co., 17 Battery pl, New York
National Ammonia Co., Phila. & St. Louis

Pyrites of Iron

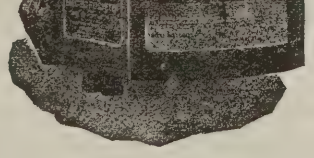
See Ores, Pyrites

Pyrolusite

See Oxide of Manganese

12043— Pyrometers

Albrecht Francis J. (For Baker's Ovens), 1146 Penn av, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co. ("Buckley"), 208 Camden, Boston, Mass.
Beighley Electric Co. (Compensated Recording), 6523 Euclid av, Cleveland, O.
Braun-Knecht Heimann Co. (Recording), 576-584 Mission, San Francisco, Cal.

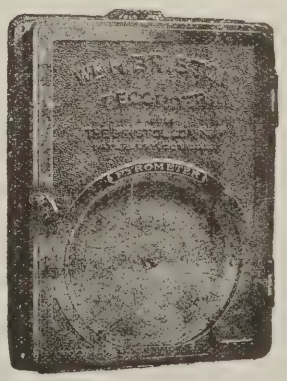


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PYROMETERS—continued
BRISTOL CO., ("Bristol's" Indicating Electric, Recording Electric & Combination Indicating & Recording), Waterbury, Conn.
See adv index at end of book
BROWN INSTRUMENT CO. ("Brown," Electric Recording, etc), Wayne & Windrim, Phila., Pa.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Du Vivier Ernest H. (Imp), 30 Church, New York
Elmer & Amend, 205 3d av, New York
Engelhard Charles ("Engelhard Le Chatelier"), 30 Church, New York
Esterline Co. ("Esterline"), 1547 Lemcke, Indianapolis, Ind.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Frink Pyrometer Co. ("Frink"), Lancaster, O.
Gibb Instrument Co. ("I-Rite") Highland bldg, Pittsburgh, Pa.
Hoskins Mfg. Co. ("Thermo-Electric"), 453 Lawton, Detroit, Mich.
Leeds & Northrup Co. ("Electric Resistance"), 4901 Stenton av, Phila., Pa.
Morse Thermo Gage Co. (Optical), Ithaca, N. Y.
National Gauge Co. ("National"), 300 Pacific, Brooklyn, N. Y.
Oelschlaeger Bros. (Importers), 30 E 23d, New York
Pelton & Crane Co., 246 Harper, Detroit, Mich.
Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Philadelphia, Pa.
Price Electric Co., 12369 Euclid av, Cleveland, O.
Pyrolectric Instrument Co. ("Northrup Pyrovolter"), Trenton, N. J.
Queen & Co., 618 Chestnut, Phila, Pa.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Sander C. O., Irvington, N. J.
Scientific Instrument Co., Marquette bldg, Detroit, Mich.
Scientific Materials Co. ("Scimatco," Optical), 717 Forbes, Pittsburgh, Pa.
SHORE INSTRUMENT & MFG. CO., THE ("Pyroscope" Optical Pyrometers for High Temperatures), Jamaica, N. Y.
Stupakoff S. H. ("Le Chatelier"), 6639 Hamilton av, Pittsburgh, Pa.
Tagliabue Chas. J. Mfg. Co. (Maximum 1000°F), 18 33d Brooklyn, N. Y.
Taylor Instrument Companies ("Fery" Radiation, etc.; also "Tycos"), Rochester, N. Y.
Thompson-Levering Co. ("Peerless" Jobbins), 325 Arch, Phila., Pa.
Thwing Instrument Co. (Indicating & Recording Electric Resistance & Radiation), 3339 Lancaster av, Phila., Pa.
Uehling Instrument Co. ("Pneumatic"), (Pneumatic Recording), 71 Broadway, New York
Weiskopf Abraham, 16 S Clinton, Chicago, Ill.
Weinhagen & Hecke, 159 Leonard, New York
WILSON-MACULEN CO. ("Le Chatelier," "Monopivot," "Tapalog," "Pyrd"), 383 Concord, New York
Zaubitz August (Smokestack; Up to 3000 Degrees Fahr), 95 Cliff, New York

12043a—Pyrophoric (Cerium Alloy)

Foote Mineral Co., 109 N 19th, Phila., Pa.

12043b—Pyroxylin Chemicals & Products

DU PONT E. I. de NEMOURS & CO. INC. (Pyralin Div.), Wilmington, Del.
See adv index at end of book
Fiberloid Corp., Dept. H, Indian Orchard, Mass.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

12043c— Pyroxylin Plastico

Du Pont E. I. de Nemours & Co., Inc., Wilmington, Del.
See adv index at end of book

12044—Pyroxylin Solutions

Alcohol Products Co., Blanchard, Newark, N. J.
Nixon Nitration Wks, New Brunswick, N. J.

12044a— Pyrol

Barrett Co., 17 Battery pl, New York

Quarries

See Cement Manufacturers; Granite Producers, etc.; Lime Manufacturers; Marble Producers; Roofing Slate Manufacturers; Stone Producers

12044b—Quarry Equipment & Supplies

Penn Foundry & Mfg. Co. (Cars & Buckets), Reading, Pa.

Quarry Hoists & Machinery

See Hoists of Various Kinds; Cranes of Various Kinds; Drills, Rock; Derricks; Engines, Hoisting, etc.

12044c— Quarry Powder

Atlas Powder Co., Wilmington, Del.
Giant Powder Co., Cons., San Francisco, Cal.
McAbee G. R. Powder & Oil Co., Oliver bldg, Pittsburgh, Pa.

12045— Quartz

Adams Enos Co., Bennington, Vt.
Carolina Mineral Co., Penland, N. C.
Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Garden City Sand Co., Chamber of Commerce, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
New England Quartz Co. of N. Y. (Granulated), 150 Nassau, New York
Product Sales Co., 32 So. Calvert, Baltimore, Md.
Robbins A. A. (Miners), 99 John, New York
Thermal Syndicate, Ltd. (Fused), 59 E 41st, New York
Vitro Manfg. Co., H, Bessemer bldg, Pittsburgh, Pa.
Wausau Quartz Co. (Miners & Crushers of White Quartz & Flint), Wausau, Wis.
Wiarda John C. & Co. (Jobbers), 272 Greene, Brooklyn, N. Y.

12046— Quartz (Glass)

Elmer & Amend, 205 3d av, New York
Engelhard Chas. (Transparent), (Selling Agent), 30 Church, New York
HANOVIA CHEMICAL & MANUFACTURING CO., 100 Chestnut, Newark, N. J.
Lenz Apparatus Co., 9 E 16th, New York
Thermal Syndicate, Ltd. (Fused Silica), 59 E 41st, New York

12047— Quenchers (Coke)

Gas Machinery Co., 1900 Euclid, Cleveland, O.

12048— Quicksilver

Atkins Kroll & Co., 260 California, San Francisco, Cal.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Chisos Mining Co., 51 Exchange, Portland, Me.
Crownshield Trading Corp. (Dealer), 30 Church, New York
Haas Bros (American & Imported), 61 B'way, New York
International Minerals & Metals Corp., 61H Broadway, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Taft J. H. Co. (Imp.), 100 William, New York
Vogelstein L. & Co., 42 B'way, New York

12049— Quinine

Dill-Crosett Inc. of N. Y., 128 William, New York
Falkingham P E., 50 Church, New York
Greeff R. W. & Co., 80 Maiden Lane, New York
Marden, Orth & Hastings Co., 136 Liberty, New York
New York Quinine & Chemical Works, 100 William, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Takamine Commercial Corp., 120 Broadway, New York

Quoits (Rubber)

See Dumb Bells & Quoits

12050-1-2—Rabbits (Iron)

Illinois Iron & Bolt Co., Carpentersville, Ill.

12053— Racks (Baggage)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Corry Metal Products Co. (All Steel, for Hotels, etc), Corry, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Howard Jas. L. & Co., Hartford, Conn.
Rostand Mfg. Co. ("McCarthy's" Hat & Baggage Racks for Cars), Milford, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

12054— *Racks (Bar Steel)

BROWN ENGINEERING CO., 110 N 3rd, Reading, Pa.
Heltzel Steek Form & Iron Co., Warren, O.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Pekor Iron Works, Columbus, Ga.
See adv index at end of book

12054a— *Racks (Barrel)

Revolvator Co., 395 Garfield, Jersey City, N. J. *See adv index at end of book*

Racks (Bicycle)

See Stands, Bicycle

12055—Racks (Book & Catalogue)

Art Metal Construction Co. (Steel & Map), Jamestown, N. Y.
Bogert & Hopper, Inc. (Wood), 47 Barclay, New York
See adv index at end of book
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
Watson Mfg. Co., Jamestown, N. Y.

Racks (Bottle)

See Bottle Racks, Milk; also Racks, Wine Bottle

Racks (Broom)

See Racks, Display

12056— Racks (Cable)

Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Cope T. J. ("Cope's"), 1620 Chancellor, Philadelphia, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Efficiency Elec. Co. & Wall, East Palestine, O.
Hubbard & Co., German Bank bldg, Pittsburgh, Pa.
Lanz M. Bolt Co. (For Manholes), 2907H Carson, Pittsburgh, Pa.
Metropolitan Engineering Co. (For Subway Cables), 1250 Atlantic av, B'klyn, N. Y.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

12057— Racks (Car)

Dayton Mfg. Co. (Car Basket Racks), Dayton, O.
Wallace Supplies Mfg. Co. ("Wallace" Parcel, etc), 412 Orleans, Chicago, Ill.

12058—Racks (Card, Wire)

Parker Wire Goods Co. (Wire Folding), Worcester, Mass.
Progressive Wire Goods Co., 13th & Hamilton, Phila., Pa.
Wickwire Spencer Steel Corp. (Adjustable Folding Racks), Worcester, Mass.
See adv index at end of book
Woods, Sherwood Co. ("Sherwood's Spiral Wire), Worcester, Mass.

12059— Racks (Chair Rod)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12060— Racks (Core)

Allsteelequip Co., Aurora, Ill.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book

12061— Racks (Cut)

Blount Engineering Co., 100 High, Boston, Mass.
Boston Gear Works ("Boston") (Brass & Steel), Norfolk Downs, Quincy, Mass.
See adv index at end of book
Brown A. & F. Co., 79 Barclay, New York
Crofoot Gear Works, Cambridge, Mass.
Davis Rodney, 624 Race, Phila., Pa.
Fawcus Machine Co., 2818 to 2828 Smallmann, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 213 N. Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Horsburgh & Scott Co., 5114 Hamilton av, Cleveland, O.
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Jones W. A. Foundry & Machine Co., (Spur Gear, etc.), 4401 W 12th, Chicago, Ill.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO. (Machine Cut, Steel), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Philadelphia Gear Works (Brass, etc.), E Vine, Philadelphia, Pa.
Simonds Mfg. Co., Liberty & 25th, Pittsburgh, Pa.
STANDARD GAUGE STEEL CO. (Finished Cut Steel), Beaver Falls, Pa.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

12062— Racks (Desk)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12063— Racks (Display)

Acme Level & Mfg. Co., Toledo, O. (For Tools, etc.)
Acme Woodworking Co., 562 W 34th, New York
Angle Steel Stool Co., Otsego, Mich.
Banner Machine Co. ("Ohio" Table Oilcloth Rack), Columbiana, O.
Best John H. ("Best" Revolving Whip Rack & Display Stand, Also Robe Blanket, Linoleum, Lace Curtain, Drapery, Rug, etc), Galva Ill.
Bowser R. M. & Son ("Bowser" Wire Cloth), Renfrew, Pa.
Brager B. (Wood & Metal), 85 5th av, New York
Bryan Novelty Mfg. Co. (Also Newspaper, Oilcloth, etc), Bryan, O.
Dreyer H. G. & Son Co. (Saddlery, etc), Cleveland, O.
Federal Steel Fixture Co., 8700 S Halsted, Chicago, Ill.
Flanders A. F. Mfg. Co. ("Schilling" Adjustable), Buffalo, N. Y.
Globe Mfg. Co. (For Handles), Perry, Ia.
Goldberg Display Fixtures Co., 135 W 23rd, New York
Heitlerkurt 221 4th av, New York
Indianapolis Corrugating Co. ("Peerless" For Linoleum, Lace Curtains, Drapery, Rugs, etc), Indianapolis, Ind.
Lyon Metallic Mfg. Co., Aurora, Ill.
Mosher F. M. (Adjustable Tool, Shovel, etc), Canton, Ill.
Multiplex Display Fixture Co., 918 N 10th, St, Louis, Mo.
Nicol & Co. (Broom), 218 N Jefferson, Chicago, Ill.
Peerless Wire Goods Co., Lafayette, Ind.
Reed E. L. Mfg. Co., Sterling, Ill.
Searles Electric Welding Works (Wire), 817 W Washington blvd, Chicago, Ill.
See adv index at end of book
Stender C. F. G. & Co, (Fishing Rod Stands), 1142 W Van Buren, Chicago, Ill.
Swift Stanley C. Mfg. Co. ("Perfection" Linoleum, etc), Cuba, N. Y.
Thorpe F. M. Mfg Co., Lamar, Mo.
Timberlake J. B. & Sons (Plate Bowl, Folding, etc), Jackson, Mich
Trimble F. H. Mfg. Co., 216 W 3d, Los Angeles, Cal.
Twentieth Century Brass Works (Display Fixtures), 514 Fifth av S, Minneapolis, Minn.
Universal Fixture Corp., 133 W 23d, New York, N. Y.
Weston Paper & Mfg. Co ("Climax," "Ideal," "National," "Royal"), Dayton, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12064—Racks (Drill, Reamer, Tap)

Driver C. H. & Kerr Co., Racine, Wis.
Medart Fred Mfg. Co. (Steel), St. Louis, Mo. *See adv index at end of book*

12065— Racks (Filing)

Art Metal Construction Co. (Steel), Jamestown, N. Y.
Kohlhaas Co., 183 N Dearborn, Chicago, Ill.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book

12066—Racks (Folding Clothes)

Cassady Fairbank Mfg. Co. ("Federal," "Monarch"), 6126 S La Salle, Chicago, Ill.
Reading Saddle & Mfg. Co. ("Reading") Reading, Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

12067—Racks for Cold Storage Rooms

Koch Butcher Supply Co., 519 Wyandotte, Kansas City, Mo.
Market Forge Co. (Galvanized Iron Coin), Garvey, Everett, Mass.

12067a— Racks (Fruit Can)

Wickwire Spencer Steel Corp. (For Family Use), Worcester, Mass.
See adv index at end of book

12068—Racks (Garden Hose)

Howard H. J. N. Mfg. Co., 150 Pierce, Washington, D. C.
Mineralized Rubber Co., 11 Kirk pl, Newark, N. J.
Specialty Mfg Co. ("Handy" Hose Rack & Carrier), 2362 University av., St. Paul, Minn.

12069—Racks (Hat & Coat)

American Mfg. Co., Chattanooga, Tenn.
Arcade Mfg. Co., Freeport, Ill.
Baker J. R. & Sons Co., Kendallville, Ind.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Dennis W. J. & Co., 2120 W Lake, Chicago, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Erie Art Metal Co., (Metal Only) Erie, Pa.
Horst Bros., 139 N 6th, Phila., Pa.
Ideal Metallic Furniture Co. (Metal), 1259 Military, Detroit, Mich.
McKenna Brass & Mfg. Co., Inc. (Brass), 1st av & Ross, Pittsburgh, Pa.
McLaren Iron Works Co., Cleveland, O.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Parks & Parks, Troy, N. Y.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tucker & Dorsey Mfg. Co. (Wood), Indianapolis, Ind.
Wire & Metal Wares Co. (Steel), Erie, Pa.

12070—Racks (Hay, Wire & Iron)

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.

12071—Racks (Hay & Stock)

Barber Mfg. Co., Ashtabula, O.
Burnham Mfg. Co., Charles City, Ia.
Casey-Hedges Co., Chattanooga, Tenn.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kan.
Dutton E. Q. & Co. (Corner Hay), Cato, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Harris Mfg. Co. ("Warren" Automatic Hay), Salem, O.
James Mfg. Co. ("James" Steel), Ft. Atkinson, Wis.
Patterson Mfg. Co., Holly, Mich.
Rockford Steel Fixture Co., Rockford, Ill.
Sanitary Co., Dept. H, Linfield, Pa.
Sargent, Osgood & Roundy Co. (Corner), Randolph, Vt.
Schairer Geo. E., Saline, Mich.
Stoughton Wagon Co., Stoughton, Wis.
True Mfg. Co., Eaton Rapids, Mich.

12072— Racks (Insulated)

Fletcher Mfg. Co. ("Fletcher"), Dayton, Ohio

12073— Racks (Kitchen Cabinet)

American Mfg. Co., Chattanooga, Tenn.

Racks (Machine)

See Racks, Cut

12074— Racks (Mail Pouch)

Shults H. H. Co., Gowanda, N. Y.
Tinsley Railway Supplies & Equipment Co. ("Rausch" for Cars), McCormick bldg, Chicago, Ill.

12075— *Racks (Metal)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Yohe Wm. S. Supply Co. (For Shafting Round Bars, etc.) Canton, Ohio.

12076— Racks (Milk Bottle)

Smith John P. & Co., New Haven, Conn.

12077-8—*Racks (Mining Machine)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

12079— Racks (Oven)

American Mfg. Co. ("No-Rust"), Chattanooga, Tenn.
Peerless Wire Goods Co., Lafayette, Ind.
Searles Electric Welding Works, 817 W Washington blvd, Chicago, Ill.
See adv index at end of book
Union Steel Products Co. (Ltd.), Albion, Mich.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12080—*Racks (Pattern Storage)

Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Terrell's Equipment Co., Grand Rapids, Mich.

12081— Racks (Pew)

Estes E. B. & Sons (Cards & Books), 364 5th av, New York
See adv index at end of book
Wrightsville Hardware Co. (Card & Book), Wrightsville, Pa.

12082— Racks (Pipe)

Bernstein Mfg. Co., 2d & Allegheny, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Grabler Mfg. Co. (For Heavy Pipe), Cleveland, O.

12082a—Racks (Poker Chips)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12083—*Racks (Portable Forge)

Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book

12084— Racks (Postal Bag)

Keyless Lock Co., Indianapolis, Ind.
Tinsley Railway Supplies & Equipment Co. ("Rausch" Pouch Rack for RR Cars), McCormick bldg, Chicago, Ill.

12085— Racks (Pot Cover)

Racine Iron & Wire Works, Racine, Wis.
Wolverine Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

12085a—Racks (Printing Stamp)

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Smith R. H. Mfg. Co. ("Bay State"), Springfield, Mass.

Racks (Rug)

See Exhibitors, Rug

12086—Racks (Rubber Stamp)

American Stamp Mfg. Co., 85 John, New York
R. & S. Engraving & Mfg. Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book

12087— Racks (Shoe)

Dexter Metal Mfg. Co. (Also Boots), 93 Arch, Camden, N. J.
Zering H. Mfg. Co. (Shoe Factory), B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

12088—Racks (Steel Storage)

Art Metal Construction Co., Jamestown, N. Y.
LEAKE A. G. ERECTING CO. INC (THE), Ash & Holland av, Bridgeport, Conn.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Mills Co. (The), ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
New York Machy. Co., 200H 5th av, New York
Smith A. L. Iron Wks., Dept. H, Chelsea, Mass.

12089—Racks (Stock Room)

Brown Engineering Co. (For Bar Iron, Steel Pipe, etc.), 110 N 3rd, Reading, Pa.
Manufacturing Equipment & Engraving Co., ("Meco") Framingham, Mass.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Shults H. H. Co., Gowanda, N. Y.
Yohe Wm. S. Supply Co. (For Shafting Round Bars, etc.) Canton, Ohio.

12090— Racks (Test Tube)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12091— Racks (Ticket, Metal)

California Tool Works, 181 Beale, San Francisco, Cal.
National Ticket Case Co., 842 W 35th, Chicago, Ill.

12092— Racks (Tool)

Acme Level & Mfg. Co. (For Displaying Tool), Toledo, O.
Allsteelequip Co. (Stationary & Portable). Aurora, Ill.
Angle Steel Tool Co. ("Ideal"), Ostego, Mich.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Cleveland Metalcraft Co., E 71st & Belt Line, 1281 E. 38th, Cleveland, O.
Cleveland Wire Spring Co. (Sheet Metal), Cleveland, O.
Darby Edw. & Sons Co., 412 W. 18th, Phila., Pa.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Steel Fixture Co., 8700 S Halsted, Chicago, Ill.
Keighley S. Metal Ceiling & Mfg. Co. (Steel Shell), 124 3d av, Pittsburgh, Pa.
Keyless Lock Co., Indianapolis, Ind.
La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.
Lyon Metallic Mfg. Co. ("Lyon" Steel Portable, Revolving & Stationary), Aurora, Ill.
Manufacturing Equipment & Engineering Co., (Steel), Framingham, Mass.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book
Mills Co. (The), ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
Mosher F. M. ("Mosher," Adjustable), Canton, Ill.

RACKS (TOOLS)—continued
New Britain Machine Co. ("New Britain," Portable), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Terrell's Equipment Co., (Metal), Grand Rapids, Mich.
Toledo Rack & Level Co., 1215 W Bancroft, Toledo, O.
Tucker & Dorsey Mfg. Co. ("Danhour's"), Indianapolis, Ind.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wisconsin Foundry & Machine Co. (Portable Steel), Madison, Wis.

12092a—Racks (Tooth Brush)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12093— Racks (Towel)

See also Rods, Towel

Arcade Mfg. Co., Freeport, Ill.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffalo Mfg. Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. (Racks & Rollers), 6126 La Salle, Chicago, Ill.
Chapman-Sargent Co. (Ring Roller, Towel Arms, etc), Piqua, O.
Church C. F. Mfg. Co. ("White Pyralin" Rollers), Holyoke, Mass.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Ely Theo. J. Mfg. Co., Girard, Pa.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Forsythe Metal Goods Co., E. Aurora, N. Y.
Hopkins L. Mfg. Co., North Girard, Pa.
Horst Bros., 139 N 6th, Phila., Pa.
Jamestown Curtain Rod Co. (Metal), Jamestown, N. Y.
Landers, Frary & Clark (Polished, Solid Brass), New Britain, Conn.
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Novelty Mfg. Co. ("Wilwear," Arm Swinging), Waterbury, Conn.
Parker Wire Goods Co. ("Perfection" Three Arm), Worcester, Mass.
Penn Mfg. Co., North Girard, Pa.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rocky Hill Hardware Co. (Towel & Clothes), Rocky Hill, Conn.
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stokes Wm. A. & Co. (Arm & Rollers), 50 Howard, New York
Taplin Mfg. Co. ("Ideal"), New Britain, Conn.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Wire Goods Co. ("Ideal"), Worcester, Mass.

12094—Racks (Trunk, Automobile)

Ajax Trunk & Sample Case Co., 150 W. 18th, New York
Clayton's Frank B. Sons, 1227 N 11th, Phila., Pa.
Connecticut Steel & Wire Co. ("Standard"), Hartford, Conn.
Farnham & Nelson Co., 47 Union av, Jamaica pl, Boston, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Koniglow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.
Motor Car Supply Co. ("Cradle"), 1453 Michigan av, Chicago, Ill.
Reliance Engineering Co., Lansing, Mich.
Republic Auto Parts Co. (For Ford Cars) 81 10th, Lon Island City, N. Y.
Sargent & Ham Co. ("A-1"), 26 Bowker, Boston, Mass.
Smith H. Lund, Paterson, N. J.
Sterling Top & Equipment Co., 518 W 57th, New York
Sutherland F. L. Co., 139 Beaubien, Detroit, Mich.
Wilson F. Cortez Co., 159 W Lake, Chicago, Ill.
Winship W. W., 71 Summer, Boston, Mass.

Racks (Umbrella)

See Stands, Umbrella

12095— Racks (Wire Rust)

Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

12096— Racks (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Bundy W. H. Recording Co. (Time Card), 135 5th av, New York
ESTES E. B. & SONS (Book, Poker Chip, Communion Cup, Test Tube, Pen, Pew Book, Tooth Brush, etc), 364 5th av, New York
See adv index at end of book

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Hopkins L. Mfg. Co., North Girard, Pa.

Radiator Bronze

See Bronze Powders

12097—Radiator Dust Catchers

Hawkins Rollyn, Indianapolis, Ind.

Radiator Guards (Wire)

See Radiator Shields

Radiator Screens

See Radiator Shields

12098— Radiator Shields

Acme Fancy Wire Works (Also Guards), Canfield & Moran, Detroit, Mich.
America Heating & Supply Co., Rockford, Ill.
Buffalo Wire Works Co. (Also Guards), 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Dahlstrom Metallic Door Co. (Special), 413 Buffalo, Jamestown, N. Y.
Decatur Cornice & Roofing Co. ("Perfect"), Decatur, Ill.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co. (Motor Truck Guards), 270 Union av, Brooklyn, N. Y.
Estey Wire Works Co. (Also Guards), 34 Cliff, New York
Foster Sheet Metal Co., Springfield, Ill.
Gerkin J. D. & Co. ("Perfect"), Toledo, O.
Hawkins Rollyn, Indianapolis, Ind.
Hill Mfg. Co., 2127 Railway Exchange bldg, St. Louis, Mo.
Howard & Morse (Also Guards), 45 Fulton, New York
Johnson W. H. & Son Co. ("Acme"), 330 E St. Joseph, Indianapolis, Ind.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Mansfield Steel Corp. (Also Guards), 288 E Milwaukee, Detroit, Mich.
Meyers Fred J. Mfg. Co. (Also Guards), Hamilton, O. *See adv index at end of book*
Monash-Younker Co. ("Dixon" & "Monash"), 1407 W Jackson blvd, Chicago, Ill.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Prox Frank Co., Terra Haute, Ind.
Rutherford J. & Son ("Star"), Akron, O.
St. John & Barquist, Des Moines, Ia.
Schueler Ventilation Co., Bloomington, Ill.
Sodemann Heat & Power Co. ("Shapco"), 2506 Morgan, St. Louis, Mo.
Steelite Co., 1902 W. 77th Cleveland, O.
Stolz Jos. & Son, Inc., 341 E 136th, New York
Thomas & Armstrong Co., Dayton, O.
Tuttle & Bailey Mfg. Co. (Ornamental Cast Iron or Bronze), 52 Vanderbilt av, New York

12099—Radiators (Aeroplane)

A. Z. Co., 527 W 5th, New York
Ajax Auto & Aero Sheet Metal Co. (Aero Radiators Intake & Exhaust Pipes), 245 W 55th, New York
Bush Mfg. Co., 77 Commerce, Hartford, Conn.
El Arco Radiator Co., 252 W 64th, New York
English & Mersick, Winchester av, New Haven, Conn.
Fedders Mfg. Co., Buffalo, N. Y.
Flexo Mfg. Co. ("Flexo"), 1312 E 12th, Los Angeles, Cal.
G. & O. Mfg. Co., New Haven, Conn.
Livingston Radiator & Mfg. Co., 75th & Amsterdam av, New York
McCord Mfg. Co., Detroit, Mich.
Rome-Turney Radiator Co., Rome, N. Y.

Radiators (Automobile)

See Radiators, Water Cooling

12100— Radiators (Electric)

Adams Bros. Mfg. Co., 4042 Liberty av., Pittsburgh, Pa.
American Electrical Heater Co. (Luminous & Non-Luminous), Detroit, Mich.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Despatch Mfg. Co., 120 1st av, Minneapolis, Minn.
Edison Elec. Appliance Co., 5600 Taylor, Chicago, Ill.
Elec. Heating & Mfg. Co., Westlake & Republican, Seattle, Wash.
Elec. Steam Radiator Co., Portland, Me.
Estate Stove Co., Hamilton, O.
Hulbert Electro-Steam Mfg. Co. ("Hulbert" Electro Steam), 76H Tehama, San Francisco, Cal.
Landers Frary & Clark, New Britain, Conn.
Peloms Mfg. Co., 232 E Ohio, Chicago, Ill.
Philps Mfg. Co., 49 W. Larned, Detroit, Mich.
Prometheus Electric Co. (Air Heaters), 511 W 42d, New York
Quick Elec. Heater Co., Madle, Cincinnati, O.
Rathbone Mfg. Co., Grand Rapids, Mich.
Russell Elect. Co., ("Hold Heet"), 101 W Austin, Chicago, Ill.
Rutenber Elec. Co., Marion, Ind.
S. P. Store Co., Wilmetti, Ill.
Sharp C. H. Mfg. Co., 315 W 5th, Los Angeles, Cal.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Waldman John J., 164 Murray, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Willis Elect. Co., 4140 Euclid av, Cleveland, O.

Radiators (Electric Car)

See Heaters, Electric Car

12101— Radiators (Gas)

American Beauty Stove Co. ("American Beauty"), Erie, Pa.
American Stove Co. ("Reliable," "Clark," "Quick Meal," "Dangler," "National," "Standard"), 827 Chouteau, St. Louis, Mo.
Century Mfg. Co., 453 Canal, New York
Clow J. B. & Sons ("Gastream" & "Gaswater") 544 S Franklin, Chicago, Ill.
Dangler Stove Co. (Branch), 5017 Perkins av, Cleveland, O.
Detroit Heating & Lighting Co., Liebs & Wight, Detroit, Mich.
Eriez Stove & Mfg. Co. ("Eriez"), Erie, Pa.
Hugo Mfg. Co., Duluth, Minn.
Mead Gas Heater Co. (Gas & Steam), Delawanna, N. J.
Reliable Stove Co. ("Reliable"), 1787 E. 40th, Cleveland, O.
Scientific Heater Co., 2104 Superior Via., Cleveland, Ohio
Southard Robertson Co. (Magnetic), 25 Water, New York
Union Stove Works ("Grand"), 70 Beekman, New York
Watt Robt. Mfg. Co. ("Watt" Gas & Steam), 1701 N 20th, Phila., Pa.
Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

12102—Radiators (Hot Water & Steam)

Am. Radiator Co. ("Arcola," "Corto," "American," "Peerless,"), 816 Michigan av, Chicago, Ill.
Atlantic Radiator Co., Huntingdon, Pa.
Buckingham Routh Co. ("Gold" Sheet Iron), New Haven, Conn.
Case W. A. & Sons Mfg. Co. ("Matchless"), Buffalo, N. Y.
Central Radiator Co., Lansdale, Pa.
Dennison Fdry & Mach. Co., Dennison, O.
Fowler & Wolfe Mfg. Co. ("Wall Radiators), Phila. Bourse, Phila., Pa.
Gibson Iron Works ("Exeter"), Gibson City, Ill.
Gurney Heater Mfg. Co. ("Gurney," 1, 2, 3 & 5 Column Wall & Indirect & "Tremont"), 93-95H Oliver, Boston, Mass.
Hudson Boiler Mfg. Co., 359 W 42d, New York
Hulbert Electro-Steam Mfg. Co. ("Hulbert" Electro Steam), 76H Tehama, San Francisco, Cal.
Kansas City Radiator Co., 31st, Kansas City, Mo.
Kewanee Boiler Co., Kewanee, Ill.
Lober Radiator & Mfg. Co., 123 11th, Toledo, O.
Logansport Radiator & Equipment Co. ("Logan"), Logansport, Ind.
Mackay Mfg. Co. ("Knickerbocker"), 234 Water, New York
Monitor Bi-Loop Radiator Co. ("Co. ("Bi-Loop"), Lancaster, Pa.
Nason Mfg. Co., 71 Fulton, New York
National Radiator Co. ("Novus," "Premo"), Johnstown, Pa.
New York Radiator Co., Utica, N. Y.
Page Wm. H. Boiler Co., 141 W 36th, New York
Prox Frank Co., Terre Haute, Ind.
Richmond Radiator Co. ("Richmond" Direct & Indirect & Wall), 1480 B'way, New York
Shirley Radiator & Foundry Co., Indianapolis, Ind.
Smith H. B. Co. ("Princess," "Princess Wall," "Smith Hot Blast," "Imperial," "Reed," "Loyal," "X-Ray," "Sovereign," "Gold Pin," "School Pin," "Aerial," "Smithon," "W. B."), Westfield, Mass.
South Park Foundry & Machine Co. ("Ben Ton" & "Rising Sun"), St. Paul, Minn.
Union Radiator Co. ("Concord"), Johnstown, Pa.



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Car Equipment

For Mines

Trolley Material
Rail Bonds
High Tension Insulators
Third Rail Insulators

For Power Companies

High Tension Porcelain Insulators for everywhere in the station and on the line

The Ohio Brass Company, Mansfield, Ohio

New York Philadelphia Pittsburgh Chicago San Francisco Los Angeles

Charleston, W. Va.

U. S. Radiator Corp. ("Florentine," "Triton"), 133 E Grand River av, Detroit, Mich.
Utica Heater Co., Utica, N. Y.
Western Radiator Co. ("Hoover," "Honeycomb," "B. & W.," "Cellular" & "Western" Tubular), 410 N Western av, Chicago, Ill.
Williamsport Radiator Co., ("Norka") Williamsport, Pa.

12103—Radiators (Stove Pipe)

Cole Mfg. Co., 3218 S Western av, Chicago, Ill.
Excelsior Stove & Mfg. Co. (Heating), Quincy, Ill.
Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
Independent Register & Mfg. Co., 718 Frankfort, Cleveland, O.

12104—Radiators (Tractor)

Candler Radiator Co. (Truck & Touring Car), Shoemaker rd & Lillibridge, Detroit, Mich.
Chicago Mfg. Co. ("Chicago"), 1464 S Michigan av, Chicago, Ill.
G. & O. Mfg. Co., New Haven, Conn.
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Perfex Radiator Co., Racine, Wis.
Rome-Turney Radiator Co., Rome, N. Y.
Standard Radiator Co., Inc., Springville, N. Y.

12104a—Radiators (Water Cooling)

American Pressweld Radiator Corp., G. T. R. R. & Euclid, Detroit, Mich.
Austed Co., 600 W 57th, New York
Auto Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto Lamp & Radiator Co., 1614 Prospect, Cleveland, O.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Candler Radiator Co., Shoemaker rd & Lillibridge, Detroit, Mich.
Champion Mfg. Co., 552 Golden Gate av, San Francisco, Cal.
Clayton's Frank B. Sons, 1227H N 11th, Phila., Pa.
Corcoran Mfg. Co., Norwood, Cincinnati, Ohio
Detroit Auto Specialty Co. ("Honeycomb"), 909 Greenwood av, Detroit, Mich.
English & Mersick Co., New Haven, Conn.
Fedders Mfg. Co. ("Honeycomb"), Buffalo, N. Y.
G. & O. Mfg. Co., New Haven, Conn.
Harrison Radiator Corp., Lockport, N. Y.
Hayes Mfg. Co., 480 Mayberry, Detroit, Mich.
Jamestown Car Parts Mfg. Co. ("Jamestown") Jamestown, N. Y.
Kells W. J. Mfg. Co., 521 W 45th, New York
Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, O.
La Haye Mfg. Co., 298 11th, San Francisco, Cal.
Livingston Radiator Corp., 75th & Amsterdam av, New York
Long Mfg. Co., 2768 E Gd. blvd., Detroit, Mich.
Motor Products Corp, Mack & Onter Belt Line, Detroit, Mich.
Nathan Novelty Mfg. Co. (For Fords) 55 5th av., New York.
National Can Co., Detroit, Mich.
Rome-Turney Radiator Co., Rome, N. Y.
Standard Radiator Co., Inc., Springfield, N. Y.
Syracuse Automobile Radiator Co., Syracuse, N. Y.
Terwedo Mfg. Co., Oshkosh, Wis.
Unitube Auto Radiator Corp. ("Unitube"), Rochester, N. Y.
Western Mechanical Works ("Staggard"), 520 W Pico, Los Angeles, Cal.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.

12104b—Radiators (Transformer, Cooling)

Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Pressed Metal Radiator Co. ("Presto"), Oliver bldg, Pittsburgh, Pa.
Rome-Turney Radiator Co., Rome, N. Y.

12105— Radium

American Luminous Products Co., (Radium Enamel) Huntington Park, Cal.
Elmer & Amend, 205 3d av, New York
Fuerst Bros. & Co., 3 Stone, New York
Radium Chemical Co. (Distributors Only & Luminous Compounds), 3530 Forbes, & 4 Meyrau av, Pittsburgh, Pa.
Radium Limited, U. S. A., 2 W. 45th New York.
Radium Luminous Material Corp. ("Undark" Luminous & Salts), 58 Pine, New York
Standard Chemical Co. (Salts & Radium Preparations), Vanadium bldg, Pittsburgh, Pa.

Radium Compounds

See Compound, Luminous.

12105a—Radius Planer Attachments

Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.

12106—Raffia Grass Importers

Jacob Chas. W. & Allison, 18 Cedar, New York

Rags (Wiping)

See Wipers, Machine

Rail Bond Testers

See Instruments, Electrical Testing & Measuring

12107— Rail Bonds

Am. Mine Door Co., Dept. H, Canton, O.
AMERICAN STEEL & WIRE CO. ("United States," "Crown," Twin Terminal, "Triplex" "Arc Weld," Flame Weld, 208 S La Salle, Chicago, Ill.
See adv index at end of book
Brown Harold P. ("Edison Brown"), 120 Liberty, New York
Electric Railway Improvement Co. (Copper, Electrically Welded & Electrically Braized), 2070 E. 61st pl, Cleveland, O.
Electric Service Supplies Co. ("Protected"), 17th & Cambria, Phila., Pa.
Flood City Mfg. Co., Johnstown, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Holden & White, Fisher bldg, Chicago, Ill.
Johns-Manville Inc., Madison av & 41st, New York
Lord Mfg. Co. ("Thomas" Laminated Soldered), 105 W 40th, New York
Metal & Thermit Corp. ("Thermit," Welded), 120 B'way, New York
OHIO BRASS CO. ("O-B."), Mansfield, O.
See adv index at end of book
Protected Rail Bond Co., 17th & Cambria, Phila., Pa.
Rail Welding & Bonding Co. of Am., 2400 Woodland av, Cleveland, O.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Union Electric Co. ("Union"), 31 Terminal way, Pittsburgh, Pa.

12108— Rail Joints

Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*
Atlas Railway Supply Co. ("Atlas," for Tee or Girder Rails), 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co., S. Bethlehem, Pa.
Bossert Corp., The (Collar), cor. Linden st & West av, Utica, N. Y.
Carnegie Steel Co. ("Duquesne", "Braddock"), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
FISHEL & MARKS, INC., ft of Krakow av, Cleveland, O.
See adv index at end of book
Hatfield Rail Joint Mfg. Co. ("Hatfield"), Macon, Ga.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Industrial Supply & Equipment Co. ("Manhattan," Rolled Steel Standard Joint), 407 Sansom, Phila., Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Lincoln Rail Welding Co., Williamson bldg., Cleveland, O.
Metal & Thermit Corp. ("Thermit" Welded), 120 B'way, New York
Ohio Brass Co., The (Electrically Welded), Mansfield, O. *See adv index at end of book*
Rail Joint Co. (Continuous "Weber," "Wolhaupter" & "100 per cent."), 61 B'way, New York
Rail Joint Co., Penn bldg., Philadelphia, Pa.
Rail Welding & Bonding Co. of Am., 2400 Woodland av, Cleveland, O.
Railroad Supply Co. (Fibre Insulation), 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hilburn, N. Y., & Niagara Falls, N. Y.
Reading Specialties Co. (Compromise), Reading, Pa.
Reinforced Rail Joint Co. ("Roach" Reinforced), Syndicate Trust bldg, St. Louis, Mo.
Track Specialties Co., 29 B'way, N. Y.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

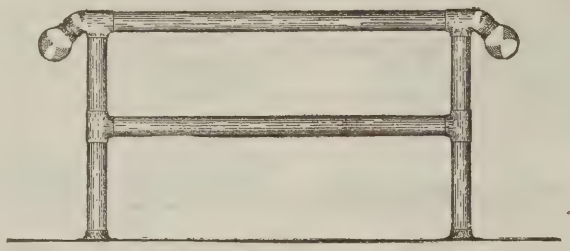
12109—Rail Joints (Continuous)

Rail Joint Co. ("Weber," "Wolhaupter" & 100 per cent."), 61 Bway, New York

12110—Rail Mills (Iron & Steel)

(This List Contains Only the Mills that Roll Rails; see also Rails, Steel)
American McKenna Process Co. ("McKenna" Process Renewed Steel Rails), 373 Broadway, Milwaukee, Wis.
Bethlehem Steel Co. (Standard Sections, Open Hearth, Open Hearth Nickel Steel & Nickel Chrome Steel Rails), South Bethlehem, Pa.
Brooke E. & G. Iron Co., Dept. H, Birdsboro, Pa.
Buckeye Rolling Mill Co. (Light Rails, 12-16-20-25-30-35 & 40 lbs.), Steubenville, O. Mills: Newark, O.
Cambria Steel Co. (T Rails, 12 to 15 lbs.), Widener bldg, Phil., Pa.
Carnegie Steel Co. (Bessemer Standard Sections of Steel Rails, 50 lbs. & Heavier & Light Sections under 50 lbs.), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Standard Sections of Bessemer & Open Hearth Steel Rails & Light Mine Rails), Denver, Colo.
Dominion Iron & Steel Co., Ltd., 15 John, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Great Lake Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Illinois Steel Co. (Bessemer & Open Hearth Standard Sections 50 to 100 lbs., Bessemer Light Steel Rails 8 to 45 lbs.), 208 S La Salle, Chicago, Ill.
Knoxville Iron Co. (Light Iron T Rails, 12 to 30 lbs.; also Street Rails), Knoxville, Tenn.

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Lackawanna Steel Co. (Bessemer & Open Hearth Standard Sections of Steel Rails; also Light Steel Rails, 12 to 66 lbs.), Buffalo, N. Y.
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Lorain Steel Co. (Girder & High Tee), Johnstown, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Rail Joint Co. (Tram Rails), 61 B'way, New York
Rownson, Drew & Clydesdale, Inc., 30 Wall, New York
Stolz Jos & Son, Inc., 841 E 136th, New York
Tennessee Coal Iron & Railroad Co. (Standard Sections of open Hearth, Rails & Light Rails), Birmingham, Ala.
United States Rail Co. (Renewed Steel Rails 8 to 40 lbs.), Cumberland, Md.
West Va. Rail Co. (12 to 45 lbs. Light Steel Rails), Huntington, W. Va.

12110a— Rail Welding

Metal & Thermit Corp., 120 B'way, New York

Railings (Altar)

See Brass Altar Rails & Pulpits

Railings (Brass)

See Bank & Office Railings

12111— Railings (Iron, Brass & Bronze Pipe)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anchor Post Iron Works ("Electric Weld"), 50 Church, New York
See adv index at end of book
Art Metal Construction Co., Jamestown, N. Y.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Beckley Perforating Co. (Iron Only), Garwood, N. J.
Beere Geo. W. (Iron), 294 Taaffe pl, Brooklyn, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Cincinnati Mfg. Co., Cincinnati, O.
COLUMBUS BRASS CO. (Brass & Bronze) 538 Dublin av, Columbus, O.
See adv index at end of book
Dufur & Co., 311 N Howard, Baltimore, Md.
Gorham Co. Arch'l Bronze (Brass & Bronze Only), 5th av & 36th, New York. Works: Providence, R. I.
Heath-Johnson Co., 300 W Ontario, Chicago, Ill.
Hecla Iron Works, 118 N. 11th, Bklyn, N. Y.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Larkin J. K. & Co. (Iron & Brass), 253 Broadway, New York
See adv index at end of book
Lasar Ornamental Iron Co., 16th O'Farlon, St. Louis, Mo.
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Mack Iron & Wire Wks, Sandusky, O.
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Pipe Railing Construction Co., 79 6th, Long Island City, N. Y.
Republic Structural Iron Works Co. (Iron), 1350 53d, Cleveland, O.
Scranton Iron & Steel Co., Scranton, Pa.
SIMMONS JOHN CO. (Iron Pipe of All kinds), 110 Centre, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southwest Wire & Iron Works Co., Kansas City, Mo.
Steelite Co., 1902 W. 77th, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Voltz Mfg. Co., 914 Penn., St. Joseph, Mo.
Vulcan Rail & Construction Co., 35 Meserole av, Brooklyn, N. Y.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book
Wickwire Spencer Steel Corp. (& Fixtures), Worcester, Mass.
See adv index at end of book
Wisconsin Iron & Wire Wks, Milwaukee, Wis.

12112—Railings (Tool Room)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Dufur & Co., 311 N Howard, Baltimore, Md.
Scranton Iron & Steel Co., Scranton, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

12113— Railings (Vault)

American Safety Lamp & Mine Co., Scranton, Pa.
Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Buffalo Wire Works Co. (Bronze), 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Scranton Iron & Steel Co., Scranton, Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W. 77th Cleveland, O.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

12114— Railroad Curves

American Frog & Switch Co., Hamilton, O.
See adv index at end of book
Keuffel & Esser Co., Hoboken, N. Y.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

12114a—Railroad Equipment (For Narrow Gauge)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book

Frogs, Switches, and Switch Stands
and track work of every description
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Hamilton, Ohio

CENTRAL FROG & SWITCH CO., Cincinnati, Ohio.
See adv index at end of book



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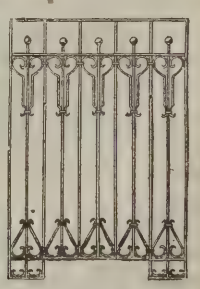
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Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.

12115—Railroad Equipments (Second Hand)

Acar Mfg. Co., 30 Church, New York.
Apex Equipment Co., 63 Wall, New York
Barry Bert B., Peoples' Gas bldg., Chicago, Ill.
Birmingham Rail & Locomotive Co. (Locomotives, Relaying Rails, Frogs, Switches, etc), Birmingham, Ala.
Burgess D. H. & Co. (Rail Jobbers & Exporters), Petersburg, Va.
Crozier R. J. Co., North American bldg, Phila., Pa.
Coates, Bennett & Reidenbach (Relaying Rails, etc.), Rochester, N. Y.
Conard Thos. P., Harrison bldg., Phila., Pa.
Cox Justice Jr. & Co. (Cars, Locomotives, Relaying Rails, etc), Land Title bldg, Phila., Pa.
Dallett & Co., Harrison bldg, Phila., Pa.
Dooley-Killian Co., Inc. (Rails), 26 Cortlandt, New York
Duluth Iron & Metal Co., Duluth, Minn.
Dunkle Arthur J. Co., 50 Church, New York
FISHEL & MARKS CO., ft of Krekow av, Cleveland, O.
See adv index at end of book
Foster H. M. Co. (Relaying Rails), Baltimore & Culvert, Baltimore, Md.
Foster L. B. Co. (Steel & Relaying Rails), Park bldg, Pittsburgh, Pa.
Frank M. K. (Relaying Rails, etc), Frick bldg, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
General Equipment Co. (Locomotives, Cars, Relaying Rails, etc), 30 Church, New York
Gerson I. & Son, Toledo, O.
GREEN L. A., First Nat'l Bk. bldg, Pittsburgh, Pa.
Greenspon's Jos. Sons Iron & Steel Co. (Relaying Rails, etc.), 67 Branch, St. Louis, Mo.
Hirsch Cal. & Sons, Mercantile Co. (Relaying Rails & Track Materials), 300 S B'way, St. Louis, Mo.
Hofins Steel & Equip Co., Seattle, Wash.
HOISTING MACHINERY CO., 50 Church, New York
Hubbard-Floyd Co., Inc., 90 West, New York
Hyman-Michaels Co. (Relaying Rails), People's Gas bldg, Chicago, Ill.
See adv index at end of book
Inter-State Car Co. (Freight Cars Only), Indianapolis, Ind.
Jones J. B. & Co. (Relaying Rails), 718 Lacock, Pittsburgh, Pa.
Joseph Isaac Iron Co., 528 Reading rd, Cincinnati, O.
Joseph, Joseph & Bro. Co., Cincinnati, O.
KLEANHANS CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Knight Iron & Metal Co. (Relaying Rails, etc.), 27th to 28th & 1st av, Birmingham, Ala.
Lambert H T. Co. (Relaying Rails) Huntington, W. Va.
Lawson F. A., 525 Market, San Francisco, Cal.
Leaf E. B. Co. (Cars, Locomotives, Rails, etc), 50 Church, New York
LEVIS HENRY & CO. (Rails, Cars, etc.), 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Lines, Flynn Co., 30 Church, New York
Luther Frederick P. Co. (New & Second-Hand Locomotives, Cars, etc), 14 E Jackson blvd, Chicago, Ill.
MacCleary J. H. (Locomotives Cars, etc.), Suffolk, Va.
Males Co. (Locomotives, Cars, Rails, Steam Shovels, etc.), 2226 Fulton av, Cincinnati, O.,
Merchants Steel & Supply Co. (Relaying Rails, etc), 208 S La Salle, Chicago, Ill.
Mitshun M. Co., 985 Dix, Detroit, Mich.
Moore Bros., 39 S La Salle, Chicago, Ill.
See adv index at end of book
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Newhall Geo. M. Engineering Co. (Relaying Rails, etc.), Commercial Trust bldg, Philadelphia, Pa.
Niles F. H. & Co., Inc., 233 B'way, New York
OHIO IRON & METAL CO., 38 S Dearborn, Chicago, Ill.
Pacific Car & Fdry Co., Seattle, Wash.
Penna. Eqp. Co., Crozer bldg, Phila., Pa.
Railway Supply & Mfg. Co., Cincinnati, O.
Richardson & Co. (Relaying Rails, etc.), 2101 Oliver bldg, Pittsburgh, Pa.
Sabel Bros. (Relaying Rails), Jacksonville, Fla.
Sherwood E. C. (Steel Tee Rails, etc), 50 Church, New York
Shook & Fletcher Supply Co. (Relaying Rails), Birmingham, Ala.
Smith Thos. & Son (Relaying Rails), 75 Pike Slip, New York
Sonken-Golamba Iron & Metal Co. (Relaying Rails), N 2nd, Kansas City, Kans.
SOUTHERN IRON & EQUIPMENT CO., (Locomotives, Rails etc), Atlanta, Ga.
Standard Railway Euipment Co., 20 W Jackson blvd, Chicago, Ill.
Steel Rail Supply Co. (Relaying & Scrap Rails, Spikes, etc), 2 Rector, New York
Tillery J. F. Iron Co., Knoxville, Tenn.
Union Iron Works Co., Selma, Ala.
Warner P. B., Sedamsville, Cullums Station, Cincinnati, O.
Watson John B. Co. (Locomotives, Cars, etc), Witherspoon bldg, Philadelphia, Pa.
Wilson E. H. & Co. (Locomotives, Coaches, Rails, etc), Commercial Trust bldg, Phila., Pa.
Zelnicker Walter A. Supply Co. (Rails, Locomotives, Rolling Stock, etc.), Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

12116—Railroad Portable Lights

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn Alex. Co. ("Milburn" Self-Contained Acetylene), 1426 W Baltimore, Baltimore, Md.

12117—Railroad Stationery, Blanks, Manifests, Etc.

See also Paper, Railroad, Manila & Writing
Allen Lane & Scott (Printers), 1211 Clover, Phila., Pa.
Armstrong H. J. & Co., 538 S Clark, Chicago, Ill.
Autographic Register Co. ("Shoups" Manifold Books), Hoboken, N. J.
Baker-Vawter Co. (Manifold Shipping Banks), Benton Harbor, Mich.
Barlow Bros. (Manifold Shipping Blanks), Grand Rapids, Mich.
Boorum & Pease Co. (Manifold Books), 109 Leonard, New York
Brown Martin B. Printing & Binding Co. (Railroad Printing, etc), 39 Chambers, New York
Conolly Hy Co., Rochester, N. Y.
Dexter C. H. & Sons, Windsor Locks, Conn.
Diamond Mills Paper Co. (Manifests & Copying Papers), 44 Murray, New York
Fleet-McGinley Co. (Printers), cor South & Water, Baltimore, Md.
Francis & Loutrel Co. (Manifold Books, etc), 21 Cliff, New York
General Manifold & Printing Co. (Manifold), Franklin, Pa.
Hall J. C. Co. (Manifold Books, etc), 68 W Exchange, Providence, R. I.
Hamilton Autographic Register Co. (Manifold Shipping Blanks), Hamilton, O.
Hampden Glazed Paper & Card Co. (Railroad Blanks), Holyoke, Mass.
Holyoke Card & Paper Co. (Railroad Blanks), Springfield, Mass.
Johnston Wm. G. Co. (Manifolds, Bills of Lading, Blanks, etc.), 429 Wood, Pittsburgh, Pa.
Mann Wm. Co. (Copying Paper, etc), 105 Chambers, New York
Monarch Manifold Book Co., West & Hubert, New York
N. Y. Blank Book Co., 316 Hudson, New York
Rand McNally & Co. (Railroad Printing), 538 S Clark, Chicago, Ill.
Rogers Manifold & Carbon Paper Co. (Manifold Books & Carbon Paper), 33 Sullivan, New York
Union Mills Paper Mfg. Co. (Copying Paper), New Hope, Pa.
Ward John & Son, 115 Cedar, New York
Whitmore Mfg. Co. (Railroad Blanks), Holyoke, Mass.
Whittelsey Frank H. Co. (Railroad Manifest Impression Paper, Train Order Blanks, etc), Windsor Locks, Conn.

12117a— Railroad Supplies

Asheville Supply & Foundry Co., Asheville, N. C.
Carey G. H. (Comm.), 1H B'way, New York
Castle A. M. & Co. of Wash., 32-34H Connecticut, Seattle, Wash.
Cotton States Belting & Supply Co., Dept. H, Atlanta, Ga.
Crozier R. J. Co., North American bldg, Phila., Pa.
Dunham Carriahan & Hayden Co., Dept. H, Kansas & Division, San Francisco, Cal.
Equipt. Co., 1531H Walnut, Kansas City, Mo.
Frischkorn Hunter B., 801 E Cary, Richmond, Va.
Garrison Brass & Machine Wks., 107 W 13th, New York
Haverstick & Co., 66H Exchange, Rochester, N. Y.
Hegeman Castle Corp. ("Drew"), Fisher bldg, Chicago, Ill.
Holden & White ("Drew"), 343 S Dearborn, Chicago, Ill.
Garrison Brass & Machine Wks., 107 W 13th, New York
Pidgeon-Thomas Iron Co., Dept. H, Memphis, Tenn.
Savannah Supply Co., Dept. H, Savannah, Ga.
Southern Ry. Supply & Equipt. Co., Dept. H, 17th & Ohio, St. Louis, Mo.
Southern Ry. Supply Co., 1323H E Main, Richmond, Va.
Stratton Warren Hdwe. Co., Dept. H, Memphis, Tenn
Sumter Ry. & Mill Supply Co., Dept. H, Sumter, S. C.
Taylor-Parker Co., Dept. H, Norfolk, Va.
Turner Supply Co., Dept. H, Mobile, Ala.
Walker Henry Co., Dept. H, Norfolk, Va.

Railroad Ties

See Ties, Poles & Posts

Railroad Velocipedes

See Cars, Velocipede

Rails (Automobile)

See Rails, Coat, Robe, etc.

12118— Rails (Barn Door)

Allith-Prouty Co., Danville, Ill.
Aurora Door Hanger & Specialty Co., **Aurora, Ill.**
Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Cambria Steel Co., Widener bldg., Phila., Pa.
Hunt, Helm, Ferris & Co. ("Harvard" Steel), Harvard, Ill.
Lawrence Bros., Sterling, Ill.
MYERS F. E. & BRO. ("Myers, O. K.," "New Way," "Giant," "Hercules," "Faultless"), 900 Fourth, Ashland, O.
See adv index at end of book
National Mfg. Co., Sterling, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Stowell Co., The (Parlor Door & Hay Carrier), South Milwaukee, Wis.

12119— Rails (Carriage, Etc.)

Searls Mfg. Co., 23 Mulberry, Newark, N. J.

12120—Rails (Coat, Robe, Etc.)

Attwood Brass Works, Grand Rapids, Mich.
Douglas & Lomason Co. (Robe), 5836 Lincoln av, Detroit, Mich.
Fiat Metal Mfg. Co., 223 W Huron, Chicago, Ill.
Gemco Mfg. Co. ("Gemco" Robe, Foot, etc), **Milwaukee, Wis.**
Highton Wm. & Sons Co. (Robe, etc), Nashua, N. H.
Novelty Mfg. Co. (Robe, Foot, Coat), **Waterbury, Conn.**
Republic Auto Parts Co., 81 10th, Long Island City, N. Y.

12121— Rails (Door)

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bridgeport Brass Co. (and Barn), Dept. H, Bridgeport, Conn.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Imperial Brass Mfg. Co. (Bronze), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Rome Brass & Copper Co. (Brass), Rome, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stowell Co., The (Steel), South Milwaukee, Wis.
Waterbury Brass Goods Corp'n, Waterbury, Conn.

12122—Rails (Girder & High Tee)

See also Rail Mills, Iron & Steel
Cleveland Frog & Crossing Co., 6917 Bessemer rd, Cleveland, O.
Lorain Steel Co., Johnstown, Pa.

12123— Rails (Guard)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Railway Supply Co., Cleveland, O.
Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
Cleveland Railway Supply Co., Swetland bldg, Cleveland, O.
Columbus Bross Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Louisville Frog & Switch Co., Louisville, Ky.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O.
Pa. Construction Co., Marietta, O.
Steelite Co., 1902 W 77th, Cleveland, O.
Weir Frog Co., Foreign Dept. 43 Cedar, New York

RAILS (GUARD)—continued
Wharton Wm. Jr., & Co., Inc. (Standard & "Tisco" Manganese Steel), Easton, Pa.

12124-5—Rails (Hand & Foot)

American Bridge Co., 30 Church, New York
Bigelow Cheney Wire Works, Springfield, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
Dahlstrom Metallic Door Co. (Bridge Hand Rails), 413 Buffalo, Jamestown, N. J.
Detroit Shipbuilding Co. (Brass Dept.), ft. Orleans Detroit, Mich.
Douglas & Lomason Co. (Foot), 5836 Lincoln av, Detroit, Mich.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O.
Plocher Andrew Sons Co. (Brass), Dayton, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Seattle Frog & Switch Co, Smith bldg, Seattle, Wash.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos & Son, Inc. (Hand), 841 E 136th, New York
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wis. Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

Rails (Light)

See Rail Mills, Iron & Steel; also Rails, Steel

12126—Rails (Manganese Steel)

Wharton Wm. Jr., & Co., Inc, (Cast "Tisco"), Easton, Pa.

12126a—Rails (New & Relaying)

FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Green L. A., First Nat'l Bank bldg, Pittsburgh, Pa.
Hyman-Michaels Co., Peoples Gas bldg, Chicago, Ill. *See adv index at end of book*

Hyman-Michaels Company
Main Office
Peoples Gas Building
CHICAGO
We Buy and Sell
New and Relaying Rails
Iron and Steel Scrap
Branches
1324 Woolworth Bldg. New York City
2115 Railway Exchange Bldg. St. Louis, Mo.
1312 First Nat'l Bk. Bldg. Pittsburgh, Pa.

Iron Trade Products Co. (New), Farmers Bank bldg, Pittsburgh, Pa.
Levis Henry & Co., Commercial Trust bldg, Philadelphia, Pa.
See adv index at end of book

New & Relaying Rails
Railway Equipment
HENRY LEVIS & CO.
303 Commercial Trust Bldg., Philadelphia
Yard—Chester, Pa.

Marks Steel Supply Co., 10802H Quebec av, Cleveland, Ohio
RICHARDSON & CO., 2101 Oliver bldg, Pittsburgh, Pa.
Scott, Sugden & Lamont, Monadnock bldg., San Francisco, Cal.
Track Specialties Co., 29 B'way, New York
Wilkoff Co., Youngstown, O.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

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12126b— Rails (Relaying)

See also Railroad Equipments, Second Hand

FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Foster H. M. Co., Baltimore & Calvert, Baltimore, Md.
MOTLEY JAMES M., 43 Cedar, New York
Wilkoff Co., Youngstown, O.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

12127—Rails (Sliding Door)

Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.
Myers F. E. & Bro. (Myers), 90 Fourth, **Ashland, O.** *See adv index at end of book*
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.

12128— Rails (Steel)

For Mills that Manufacture Steel Rails, see Rail Mills, Iron & Steel

American Steel Co. (8 to 45 lbs.), Park bldg, Pittsburgh, Pa.
Blancke A. G. & Co., 602 W Lake, Chicago, Ill.
Dunning Car Supply Co., United bldg, Indianapolis, Ind.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Frank M. K., H, Frick bldg, Pittsburgh, Pa.
Froment & Co., 150 Bank, New York
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Helsby Machy. Co. (Dlrs.), H, Smith bldg, Seattle, Wash.
Hunt C. W. Co. (Industrial), West New Brighton, N. Y.
See adv index at end of book
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
National Sales & Trading Co. (All Sizes), Cleveland, O.
Pidgeon Thomas Iron Co., Memphis, Tenn.
Railway & Mine Supply Co., McCormick bldg, Chicago, Ill.
Soule Edw. L. Co. (Iron & Steel Products of all kinds), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
SWEET'S STEEL CO. (Light), Williamsport, Pa. *See adv index at end of book*
WEIR FROG CO., Foreign Dept. 43 Cedar, New York
Youngstown Steel Car Co., Niles, O.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Rails (Steel Renewed)

See Rail Mills Iron & Steel, with the Word Renewed following their Names

Rails (Tram)

See Rail Mills, Iron & Steel

12129—Railway Supplies (Electric)

See also Trolley Line Materials; also Electrical Supplies

Advance Mfg. & Tool Co., 3741H E 93rd, Cleveland, Ohio
Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Barbour Stockwell Co., Cambridge, Mass.
Bissell F. Co., Toledo, O.
Boston Armature Wks., N Washington, Boston, Mass.
Burnet Co., 69 South, New York
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.
Commercial Electrical Supply Co., B'way & Spruce, St. Louis, Mo.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Dayton Mfg. Co., Dayton, O.
Dodge Haley Co., 218H High, Boston, Mass.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Electric Railway & Mfrs. Supply Co., **36 2nd, San Francisco, Cal.**
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Material Co., 613 W Jackson blvd, Chicago, Ill.
Fitts F. E. Mfg. & Supply Co., 33 Purchase, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Harvey Co., 113 South, Baltimore, Md.
Hegeman-Castle Corp. ("Drew"), Fisher bldg., Chicago, Ill.
Holden & White ("Drew"), 343 S Dearborn, Chicago, Ill.
Johns-Manville Inc., Madison av. & 41st, New York
Miller Trolley Shoe Co. (Trolley Shoe), West Newton, Mass.
Moss & Satterlee, Kansas City, Mo.
Nagel W. G. Electric Co., Toledo, O.
NUTTALL R. D. CO. (Trolley Bases, Harps, Wheels, Gears, Pinions, etc), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
OHIO BRASS CO., Mansfield, O.
See adv index at end of book
Post Glover Electric Co., 308 W 4th, Cincinnati, O.
Q. & C. Co., 90 West, New York
Ridlon Frank Co. (Of Every Description), 251 A, Boston, Mass.
Roberts H. C. Electric Supply Co., 11th & Race, Phila., Pa.
Semple W. & A. C., 309 W Main, Louisville, Ky.

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St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Somers Fitler & Todd Co., 325 Water, Pittsburgh, Pa.
Star Brass Works (Trolley Wheels), Kalamazoo, Mich.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Tractions Materials Co. (Cars), Trucks, Motors, Gears, Axles, Springs, Wheels, etc), 501 5th av, New York
Union Electric Co., 31 Terminal-Way, Pittsburgh, Pa.
Watson John B. Co., Witherspoon bldg, Philadelphia, Pa.
Wesco Supply Co., 7th & Clark, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wood Chas. N. Co., 294H Washington, Boston, Mass.

12129a—*Railways (Automatic)

Haiss Geo. Mfg. Co., Mott Haven, N. Y.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Mead Morrison Mfg. Co., Prescott & Orleans, East Boston, Mass.

12130— Railways (Gravity)

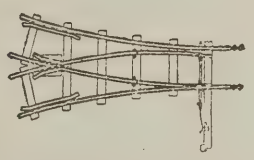
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Railways (Incline)

See Stairways, Moving

12131—Railways (Industrial & Portable)

AMERICAN FROG & SWITCH CO., Hamilton, O. *See adv index at end of book*
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book

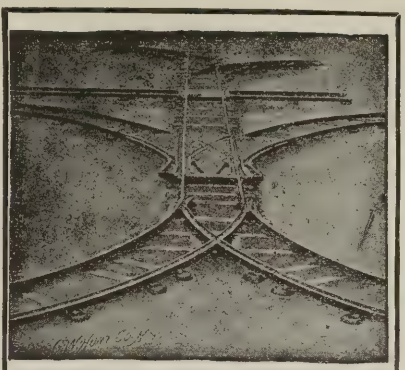


Frogs Switches Switch Stands
Industrial Track Etc.
The Central Frog & Switch Co.
CINCINNATI, OHIO

Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Fox Bros. & Co., 126 Lafayette, New York
GENERAL ELECTRIC CO. (Equipment), Schenectady, N. Y.
See adv index at end of book
Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.
HUNT C. W. CO. (Industrial), West New Brighton, N. Y.
See adv index at end of book
Indianapolis Switch & Frog Co., Springfield, O.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
Ramapo Iron Works (Portable Track Switches, etc), Hilburn, N. Y.
Russell Wheel Co. Chene Bl R. R., Detroit, Mich.
Signal Accessories Corp., Utica, N. Y.
Treadwell M. H. Co., 140 Cedar, New York
Treadwell M. H. Co. of Ill. ("Tread-Kill"), 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
WEIR FROG CO., Foreign Dept., 43 Cedar, New York
Wharton Wm. Jr. & Co. (Inc), (Industrial Only), Easton, Pa



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Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co. Niles, O.

Railways (Logging)

See Railways, Industrial & Portable

Railways (Marine)

See Dry Docks & Marine Railways

Railways (Miniature)

See Locomotive & Railways, Miniature

12131a—*Railways (Portable)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book

Railways (Scenic)

See Locomotives & Railways, Miniature

Raincoats (Rubber)

See Mackintoshes

12132—Raisers (Carriage Top)

Murray P. A. & Co. ("Murray"), Newton, Mass.

12133—Rakes (Asphalt or Tar)

American Fork & Hoe Co. ("True Temper" Steel); Swetland bldg., Cleveland, O.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Union Fork & Hoe Co., Columbus, O.

12134— Rakes (Bean)

Emerson-Brantingham Co., ("E. B." also Peas & Peanuts) Rockford, Ill.

12135— Rakes (Drag)

Foster & Williams Mfg. Co., Racine, Wis.

12136—Rakes (Garden or Lawn, Etc.)

Alexander G. E. & Son, Sunapee, N. H.
American Fork & Hoe Co., ("True Temper") Swetland bldg., Cleveland, O.
Bartlett L. D. & Son, South Tamworth, N. H.
Brinser E. C. Sons (White Ash & Hickory) Richmond, Va.
Cheesebrough Thos. E. (Wood), Freeport, Mich.
Cronk & Carrier Mfg. Co. ("Queen City," "Jumbo," "Cronk's," "Elmira Steel Bow" "Champion," "Ideal," "Bow Ideal," "Victor" Brace Wrought Steel & Malleable Iron), 150 Lake, Elmira, N. Y. *See adv index at end of book*

Champion Garden Rake



The Cronk & Carrier Mfg. Co.
150 Lake St., Elmira, N. Y.

Derby & Ball, Bellows Falls, Vt
Kohler F. E. Co. (Steel Garden Only), Canton, O.
Ney Mfg. Co. (Automatic Self-Cleaning Lawn), Canton, O.
Piqua Handle & Mfg. Co. (Malleable Iron Garden & "Ole Olsen" Wood Lawn), P O Box 307, Piqua, O.
Rogers Rake Co., New Hartford, Conn.
Specialty Device Co. ("Standard"), 106 W 3d, Cincinnati, O.
Stedman M. W., Tyringham, Mass.
Swineford G. A. Co. ("Gibbs Auto Cleaner," Wire & Automatic, etc.), Canton, O.
Union Fork & Hoe Co. ("Union" Bow & Single Shank Steel, Wire Lawn, "Old Hickory" etc). Columbus, O.
Wallingford Mfg. Co., Wallingford, Vt.

12137— Rakes (Gas Retort)

American Fork & Hoe Co., Swetland bldg., Cleveland, O.

12138— Rakes (Hay Hand)

McIntyre C. F., Maine, N. Y.
Rogers Rake Co., New Hartford, Conn.
Rugg Mfg. Co. (Also Drag & Toy), Greenfield, Mass.
Stedman M. W., Tyringham, Mass.
Swineford G. A. Co., Canton, O.

12139—Rakes (Hay Revolving)

Herschel R. Mfg. Co., Peoria, Ill.
Hughes & Smythe, Galena, O.
Ohio Rake Co. ("Bob White," "Huber"), Dayton, O.
Wayne Works, Richmond, Ind.

12140—Rakes (Hay, Side Delivery)

Acme Harvesting Machine Co., Peoria, Ill.
Dain Mfg. Co., Ottumwa, Iowa
Emerson-Brantingham Co., ("E. B.") Rockford, Ill.
Hocking Valley Mfg. Co. ("Lancaster"), Lancaster, O.
International Harvester Company of America (Inc.), (Keystone International), Harvester bldg, Chicago, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Flying Dutchman," "Moline" Cylinder), Moline, Ill.
Ohio Rake Co. ("Hays-Dayton" Steel Frame), Dayton, O.
Rock Island Plow Co. ("C. B. & Q." Tedder & Cylinder), Rock Island, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas" Cylinder Side Delivery Rake & Tedder), Springfield, Ohio
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

12141— Rakes (Hay, Sulky)

Acme Harvester Machine Co. ("Lark"), Peoria, Ill.
Albright Jas. H. & Sons, Mifflinburg, Pa.
Allen Chas. G. Co., Barre, Mass.
Bateman Mfg. Co. ("New York Champion," "Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.

RAKES (HAY, SULKY)—continued
Deere John Harvester Works, East Moline, Ill.
Emerson-Brantingham Co. ("E. B." B. Osborne" Rockford, Ill.
Fleming & Sons' Mfg. Co., Huntsville, Mo.
Gale Mfg. Co., Aiblon, Mich.
Hocking Valley Mfg. Co., Lancaster, O.
International Harvester Company of America (Inc.), Deering-McCormick-Milwaukee, Harvester bldg, Chicago, Ill.
Messinger Mfg. Co. ("Steel King" Self-Dumping), Tatamy, Pa.
Moline Plow Co. ("Adriance"), Moline, Ill.
Richardson Mfg. Co., Worcester, Mass.
Shaw H. C. Co., Stockton, Cal.
Smith & Sons Mfg. Co. (2 & 3-Wheel Sweep), Kansas City, Mo.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. "Reliable," "Orchard," "Thomas Alfalfa," Springfield, O.
Van Brunt Mfg. Co., Horicon, Wis.
Wiard Plow Co., Batavia, N. Y.
Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

12142— Rakes (Stacker, for Threshers)

Frick Co., Waynesboro, Pa.
Port Huron Engine & Thresher Co., Port Huron, Mich.

12143— Rakes (Stalk)

Acme Harvesting Machine Co., Peoria, Ill.
Peoria Drill & Seeder Co. ("Glendale"), Peoria, Ill.
Sheer E., Lincoln, Ill.

12144— Rakes (Sweep)

Acme Harvesting Machine Co. (Hay), Peoria, Ill.
Anderson Co., 2324 University av, St. Paul, Minn.
Barley Thos. K., Sedalia, Mo.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kan.
Dain Mfg. Co. (Automatic Stackers, also Side Rakes), Ottumwa, Ia.
Emerson-Brantingham Co., ("E. B.") Two, Three & Four Wheeled & Power Lift), Rockford, Ill.
Famous Mfg. Co. (Peerless Sweep Champion Buck), East Chicago, Ind.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Grand Detour Plow Co., Dixon, Ill.
International Harvester Company of America (Inc.) (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Jackson Byron Iron Works (Sweep), Berkeley, Cal.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kansas City Hay Press Co. (Stacker & Rake), Kansas City, Mo.
Louden Machinery Co. (Rickers), Fairfield, Ia.
Plattner-Yale Mfg. Co., Lincoln, Neb.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

12145—Rammers (Cement or Dirt)

Ransome Concrete Machinery Co., Dunellen, N. J.

12146— Rammers (Foundry)

See also Pneumatic Sand Rammers
Barnett Oscar Fdry. Co. (Bench & Floor), Irvington, N. J.
Brown & Sharpe Mfg. Co. (Rubber Tipped), Providence, R. I.
CHICAGO PNEUMATIC TOOL CO. (Air), 6 E 44th, New York, N. Y.
See adv index at end of book
Hellenberg J. B. Co. (Moulders' Bench), Coldwater, Mich.
INGERSOLL-RAND CO. ("Crown" Air), 11 B'way, New York
Osborne Mfg. Co., 5401 Hamilton av, Cleveland, O.
Pollard Jos. G. (Cast Iron Ash Handle), 141 Raymond, Brooklyn, N. Y.
Prouty C. & Co., Eldred, Pa.
Stossel Carl Sons & Co., Front Royal, Va.

12147— Ramers (Pavers')

Stortz John & Son (Stone Paving, etc), 210 Vine, Phila., Pa.

Rammers (Sand)

See Rammers, Foundry

12148— Rams (Hydraulic)

See also Hydraulic Rams
RIFE ENGINE CO., 90 West, New York

12149— Range Finders

Bausch & Lomb Optical Co. (For Battle Ships, Coast Defense, etc), Rochester, N. Y.

Ranges (Acetylene)

See Stoves, Acetylene

12150— Ranges (Electric)

See Also Stoves, Electric
Allmur Mfg. Co., Marion, Ind.
Buzzini Walter J., 505 W 21st, New York
Cadillac Mfg. Co., Cadillac, Mich.
Despatch Mfg. Co., 120 1st av, Minneapolis, Minn.
Edison Elec. Appliance Co., 5666 Taylor, Chicago, Ill.
Electric Heat Storage Co., 9 Church, New York
Estate Stove Co., Hamilton, O.
Fox Electrical Corpn., 119 W 42nd, New York
Globe Stove & Range Co., Kokomo, Ind.
Good Housekeeping Cooker Co, Berkeley, Cal.
Hughes Electric Heating Co. ("Hughes"), 5660 W Taylor, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
Michigan Stove Co., Adair & Jefferson, Detroit, Mich.
Rathbone, Sard & Co. ("Acorn"), Albany, N. Y.
Ringen Stove Co., 827 Choutcan av, St. Louis, Mo.
Rutenber Electric Co. ("Rutenber") Marion, Ind.
Simplex Electric Htg. Co., Cambridge, Mass.
S. P. Stove Co., Wilmette, Ill.
Standard Electric Stove Co., 1720 N 12th, Toledo, O.
Standard Stamping Co., Huntington, W. Va.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Westinghouse Elec. & Mfg. Co., East Pittsburgh Pa. *See adv index at end of book*

Ranges (French Cooking)

See Cooking Apparatus

Ranges (Galley)

See Stoves, Galley

Ranges (Gas)

See Stoves, Heaters & Ranges, Gas

12150a—Ranges (Hotel & Restaurant)

Bramhall Deane Co., 261 W 36th, New York
Clad Victor V. Co., 219 S 11th, Phila., Pa.
Malleable Iron Range Co. ("Monarch"), Beaver Dam, Wis.
Montague Range & Furnace Co., 826 Mission, San Francisco, Cal.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Van John Range Co., 5th & B'way, Cincinnati, O.

12151— Ranges (Kettle)

Weaver & Co. ("Perfection"), New Oxford, Pa.

Ranges (Portable & Stationary)

See Stove Manufacturers; also Ranges, Steel; also Cooking Apparatus

12152— Ranges (Steel)

See also Stoves; also Cooking Apparatus
Allen Mfg. Co. ("Princess"), Nashville, Tenn.
American Stove Co. ("Quick Meal" Coal & Wood, "Quick Comfort" & "National"), 927 Chouteau av St. Louis, Mo.
Anchor Stove & Range Co., New Albany, Ind.
Art Stove Co., Russell & Milwaukee, Detroit, Mich.
A. & J. Mfg. Co., Gadsden, Ala.
Bardes E. H. Range & Foundry Co., Cincinnati, O.
Bartlett Hayward Co. ("New Windsor," "Edgewood," "Standard," "Regal," "Improved Kitchen" Cast Iron), Scott land, O.
& McHenry, Baltimore, Md.
Belleville Stove & Range Co., Belleville,
Berghofer Mitchell Co., Quincy, Ill.
Born Steel Range Co., 3945 W 25th, Cleve-Ill.
Bramhall Deane Co., 261 W 36th, New York
Bridgeford Co. (Wrought Steel), Louisville, Ky.
Burton Range Co., 7th & Sycamore, Cincinnati, O.
Buzzini Walter J., 505 W 21st, New York
Chicago Stove & Range Co., 2500 Cottage Grove, Chicago, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Co-Operative Foundry Co. ("Red Cross" Combination Coal & Gas), Rochester, N. Y. *See adv index at end of book*
Copper Clad Malleable Range Co., Wainwright bldg, St. Louis, Mo.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Cribben & Sexton Co., 680 N Sacramento blvd, Chicago, Ill.
Culter & Proctor Stove Co., Peoria, Ill.
Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.
Detroit Stove Wks. ("Detroit Jewel"), 6900 East Jefferson av, Detroit, Mich.
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Eclipse Stove Co. ("Eclipse"), Mansfield, Ohio
Engman-Matthews Range Co., South Bend, Ind.
Ettinger J. M. ("Lily"), 70 W Lake, Chicago, Ill.
Excelsior Stove & Mfg. Co. (Wrought Steel), Quincy, Ill.
Faultless Iron Works ("Faultless," "Fearless" Malleable Iron), St. Charles, Ill.
Fischer Wm. G. Stove & Range Co., 326 McFarland, Cincinnati, O.
Folsom C. G. Mfg. Co. ("Folsom"), South Bend, Ind.
Franke H. Steel Range Co., Harvard & E 103rd, Cleveland, O.
Fuller & Warren Co. (Hotel), Troy, N. Y.
Galusha Stove Co. ("Norman"), Rochester, N. Y.
Germer Stove Co., Erie, Pa.
Glascock Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.
Globe Stove & Range Co., Kokomo, Ind.
Gohman Bros. & Kahler Co., New Albany, Ind.
Graham Jas. Mfg. Co. ("Wedgewood" for Gas, Coal & Wood), 531 Mission, San Francisco, Cal.
Gray & Dudley Hardware Co., (Washington" "Black Imp" "Our Clipper" "Hermitage" Steel and Gray Iron Stoves and Ranges), Nashville, Tenn.
Hardwick Stove Co. ("Sunny South"), Cleveland, Tenn.
Haswell Steel Range & Furnace Co., Circleville, O.
Hess, Snyder Co. ("Boomer"), Massillon, O.
Home Stove Co., Indianapolis, Ind.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Imperial Steel Range Co., 2900 Detroit av, Cleveland, O.
Independent Stove Co. (Steel & Cast Iron), Owosso, Mich.
Joesting & Schilling Co., 879 Sibley, St. Paul, Minn.
Johnston-Slocum Co. ("Perfection" Fireless), Caro, Mich.
Lehigh Stove & Mfg. Co. ("Lehigh Cabinet"), Lehighton, Pa.
Mahoney Daniel & Sons ("McBean"), 17 Main, Buffalo, N. Y.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Malleable Steel Range Mfg. Co., (For Family, Hotel & Marine Use), South Bend, Ind.
Michigan Stove Co. ("Garland") Adair & Jefferson, Detroit, Mich.
Miller Wm. Range & Furnace Co. (Portable) 125 E 5th, Cincinnati, O.
Mississippi Valley Stove Works, Fulton, Ill.
Monitor Stove Co., C. H. & D. Ry, av, nr Gest, Cincinnati, O.
Morandi-Proctor Co., 86 Washington, Boston, Mass.
Mountain City Stove & Mfg. Co. ("Southern Queen"), Chattanooga, Tenn.
National Stove Co. (Am. Stove Co.) (Gas for Fuel), Lorain, O.
Orbon Stove & Range Co., Belleville, Ill.
Peninsular Stove Co., Detroit, Mich.
Perfect Stove & Mfg. Co., Belleville, Ill.
Phillips & Buttorff Mfg. Co. (Also Cast), Nashville, Tenn.
Portsmouth Stove & Range Co., Portsmouth, O.
Prizer Painter Stove Co. ("Prizer"), Reading, Pa.
Pueblo Brass & Iron Foundry ("Regent"), Pueblo, Colo.
Richmond Stove Co., 2506 E. Main, Richmond, Va.
Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
Rock Island Stove Co. ("Riverside"), Rock Island, Ill.
Schill Bros. Co., Crestline, O.
SEXTON S. B. STOVE & MFG. CO. (Also Cast Iron), 500 W Conway, Baltimore, Md.
Smith & Anthony Co. ("Hub"), 52 Union, Boston, Mass.
Standard Foundry & Mfg. Co., 2717 E. 75th, Cleveland, O.
Summit Foundry Co., Geneva, N. Y.
Taplin-Rice-Clerkin Co. ("Climax"), Akron, O.
Tenn. Stove Works ("Volunteer"), Chattanooga, Tenn.
Tinnerman Stove & Range Co. ("Ohio" Wrought Steel), 2038 Fulton rd, Cleveland, O.
Toledo Stove & Range Co. ("Gem"), Toledo, O.
Traub W. F., Range Co., 231 W Superior, Chicago, Ill.
Treaty Co., ("Royal") Greenville, O.
Van John Range Co. (For Families, Hotels & Institutions), 5th & B'way, Cincinnati, O.
Vesta Gas Range & Mfg. Co. ("Vesta"), Chattanooga, Tenn.
Wehrle Co., Newark, O.
Wetter H. Mfg. Co., Memphis, Tenn.
Works: Memphis, Tenn.
Willard W. G., 316 Chestnut, St. Louis, Mo.
Wisconsin Fdry. & Steel Works ("Truestyle," "Queen's Best," "Queen Bird"), Cedar Grove, Wis.
Wolterstorff Range Co. (Wrought Steel), 66 E 3rd, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

12153—Rapping Plates & Lifting Screws

*Am. Sheet & Tin Plate Co. (Steel Only), H, Frick bldg, Pittsburgh, Pa.
Combined Supply & Equipment Co. Inc., 766-772 Grant av, Buffalo, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Shanafelt Mfg. Co., (Lifting Screws), Dept. H, Canton, O.
Timmis & Clissold, Bound Brook, N. J.

12154-5-6-7-8—Rasps (Horse)

See also File & Rasp Manufacturers

Disston Henry & Sons, Tacony, Phila., Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
NICHOLSON FILE CO. ("Nicholson," "Superior"), Providence, R. I.
See adv index at end of book
Stokes Bros. Mfg. Co. ("St. Crispen"), Freehold, N. J.
Westfahl File Co. ("Westfahl"), 467 31st, Fence), 621 E Pearl, Cincinnati, O.

Ratchets

See Drills, Ratchet

12159—Ratchets (Deck Sash)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Patterson W. W. Co., 54 Water, Pittsburgh, Pa.

12160-1— Ratchets (Fence)

Gem Wire Fence Co. (Malleable Iron), Pontiac, Mich.
Kokomo Fence Machine Co., Kokomo, Ind.
New England Anchor Fence Co., Worcester, Mass.
Novelty Mfg. Co., Jackson, Mich.
Schriver O. P. & Co. ("I. X. L." Wire Fence), 621 E Pearl, Cincinnati, O.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass.
See adv index at end of book
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

Ratchets (Packer)

See Drills, Ratchet

12162— Ratchets (Pulling)

Channon Jas. H. Mfg. Co. (Steamboat), 227 W Erie, Chicago, Ill.
Gracey R. & Sons, 115 First av, Pittsburgh, Pa.

12163— Ratline (Tarred)

Columbian Rope Co., Auburn, N. Y.

12164—Rattan Seat Covering (Canvas Lined)

Am. Motor Body Co., 18th & Leigh av, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

12165—Rattan & Reed Works

American Rattan & Reed Mfg. Co. (Car Seating, Webbing, etc), 268 Norman av, Brooklyn, N. Y.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Huke Wm. Mfg. Co. (Jobbers), 1007 S 7th, St. Louis, Mo.
Jenkins-Phipps Co., Wakefield, Mass.
Rattan & Cane Co., 66 W B'way, New York
Specialty Reed Works, Spartanburg, S. C.
United States Rattan Co., Hoboken, N. J.

12166—Rattans, Reed & Chair Cane

American Rattan & Reed Mfg. Co. (Also Rattan Webbing, etc), 268 Norman av, Brooklyn, N. Y.
Beigel Henry (Imp.), 154 Nassau, New York
Fearon Brown Co. (Imp.), 96 Wall, New York
Gerdau Otto Co., 83 Murray, New York
Hartmann Pacific Co., Inc. (Rattan Imp.), 80 Wall, New York
Husselrath Importing Co. (Imp.), 37 Liberty, New York
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
Norden A. & Co. (Imp), 60 Beaver, New York
Simmons Thos. W. & Co. (Imp)., 200 California, San Francisco, Cal.

12167— Rattlers (Brick)

United Iron Works, Inc., Kansas City, Mo.

12168— Rattlers (Flue)

Baird Pneumatic Tool Co., Rialto bldg, Kansas City, Mo.
Mann-McCann Co. ("Westmark"), 305 S La Salle, Chicago, Ill.

12169— Rattlers (Foundry)

Dayton-Dowd Co. ("Dayton-Dowd") Quincy, Ill.
United Iron Works, Inc., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

12170— Rattlers (Nail)

Miller's H. J. Sons, Bridgewater, Mass.
Perkins Henry Co., Bridgewater, Mass.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book

12171— Rattlers (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Kirby Mfg. Co., Middletown, Conn.

12172— Rawbone (Boiled)

Cooper's Peter Glue Factory, 11th av & 28th, New York

12173—Rawbone (Granulated)

See also Bone Black

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Hollingshurst & Co. ((Imp.), 66 Beaver, New York
Listers Agricultural Chemical Works, 2 Rector, New York
Pittsburgh Provision & Packing Co. (Case Hardening Bone), Herrs Isl., Pittsburgh, Pa.
Rogers & Hubbard Co., Middletown, Conn.
White Thos. H. & Co. (Ground, Brokers), 11 S Gay, Baltimore, Md.

12174— Razor-Guard

Weiss L. T. ("Shavezy"), 286 Taaffe pl, Brooklyn, N. Y.

12175— Razor Mfrs.

Andresen Hardware Co., 724 S 6th, Minneapolis, Minn.
Boker Cutlery & Hardware Co., Inc. ("Tree Brand," Imported), 101 Duane, New York
Buck Bros., Milbury, Mass.
Canton Cutlery Co., Canton, O.
Case W. R. & Son's Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Challenge Cutlery Corp'n, Bridgeport, Conn.
Christy Co., Fremont, O.
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Clauberg F. A. & Co. ("Tonsorial Gem," "Mikado"), 27 Park pl, New York
Clauss Shear Co., Fremont, O.
Compton W. H. Shear Co., 314 Camden, Newark, N. J.
Droescher S. R. ("Comfort" Imp.), 79 Warren, New York
Empire Knife Co., Winsted, Conn.
Geneva Cutlery Corp, Geneva, N. Y.
Globe Razor Co., Fremont, O.
Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York
Hessenbruch H. Co., 8 N 5th, Phila., Pa.
Hollinger Cutlery Co., Fremont, O.
Kastor Adolph & Bros. ("Wade & Butchers," Imported), 109 Duane, New York
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Klauberg C. & Bros. (Imp. "Masterpiece," "Damascene"), Woolworth bldg, New York
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
National Cutlery Co., Westmoreland &
Novelty Cutlery Co., Canton, O.
Boudinot, Phila., Pa.
Poughkeepsie Cutlery Wks, Inc., (Open Blades) Poughkeepsie, N. Y.
Robeson Cutlery Co., Rochester, N. Y.
Schrade Cutlery Co., Walden, N. Y.
Shumate Razor Co. ("Shumate"), 706 Chestnut, St. Louis, Mo.
Silberstein A. L. ("Carbo-Magnetic"), 600 W 157th, New York
Sperry & Alexander Co. ("Centaur," Imported), 79 Chambers, New York
Torrey J. R. Razor Co., Worcester, Mass.
Union Cutlery Co., Olean, N. Y.
Unsinger Razor Blade Co., Fremont, O.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.
Witte, Alexis Cutlery Co., 36 Erasmus, Bklyn, N. Y.
Wostenholm Geo. & Son ("I. X. L." Imp.), 105 Chambers, New York

12176-7—Razor Mfrs. (Safety)

American Safety Razor Co. ("Ever Ready"), 303 Jay, Brooklyn, N. Y.
Auto Strop Safety Razor Co., 345 5th av, New York
Bedford Safety Razor Co., Bedford, Mass.
Burham Safety Razor Co. ("Burham"), 388 Hudson, New York
Christy Co., Fremont, O.
Clark Blade & Razor Co. ("King," "Clark"), 119 Sussex av, Newark, N. J.
Clauss Shear Co. ("Clauss"), Fremont, O.
Crescent Mfg. Co., Tremont, O.
Curley J. & Bro., 87 Duane, New York.
Durham Duplex Razor Co., Jersey City, N. J.
Eagle Safety Razor Co., 66 West B'way, N. Y.
Enders Sales Co. ("Enders"), 17 Battery pl, New York
Gem Cutlery Co. ("Gem"), 11th av & 25th, New York
Geneva Cutlery Corp, Geneva, N. Y.
Gillette Safety Razor Co. ("Gillette"), 41 W First, Boston, Mass.
Hart H. C. Mfg. Co. ("Finney"), Unionville, Conn.
Herbrand Co., Fremont, Ohio
International Safety Razor Corp., Bloomfield, N. J.
Kampfe Bros. ("Star"), 3303 Atlantic av, Brooklyn, N. Y.
Kirtland Bros. & Co., 96 Chambers, N. Y.
Korn Geo. W. Razor Mfg. Co. ("Real"), Little Valley, N. Y.
Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.
Osbbrn J. K. Mfg. Co., Harrison, N. J.
Pall Mall Electric Co. ("Dr. Scott"), 138 W 34th, New York
Penn A. C., Inc. ("Penn"), 100 Lafayette, New York
Poughkeepsie Cutlery Wks, Inc., Poughkeepsie, N. Y.
Reichardt F. A. & Co., 83 Barclay, New York
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Roberts Safety Razor Co., 706 Jamaica av, Brooklyn, N. Y.
Safege Co. ("Safege"), Geneva, N. Y.
Sall Mountain Co. ("Reliance"), 305 S La Salle, Chicago, Ill.
Silberstein A. L. ("Griffin"), 600 W 157th, New York
Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
Traut & Hine Mfg. Co., New Britain, Conn.
Ulery U. J. Co. ("Clauss"), 258 Broadway, New York
Unsinger Razor Blade Co. ("Curbo"), Fremont, O.
Ward Safety Razor Co. ("Ward"), Blue Island, Ill.
Weck Edward & Son ("Sextoblade"), 148 **Fulton, New York**

12178— Razzle Dazzles

Herschell-Spillman Co., No. Tonawanda, N. Y.

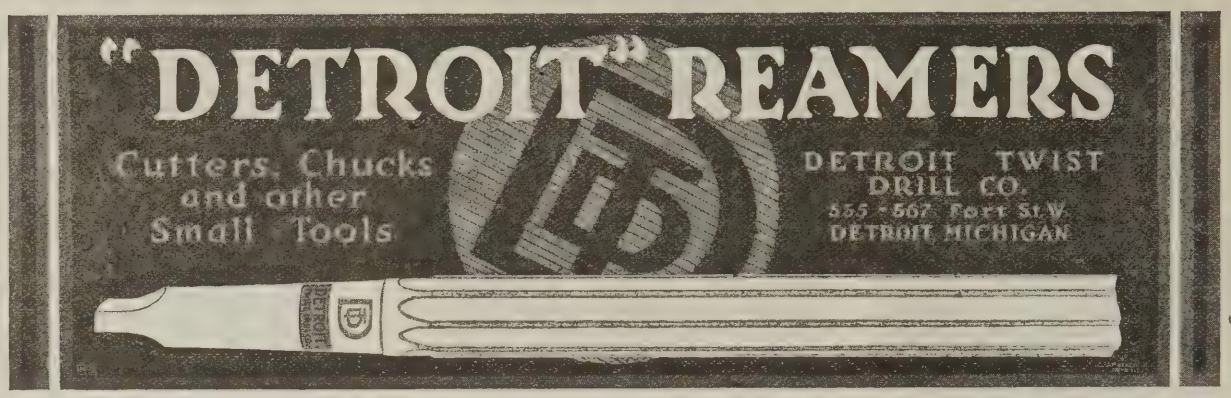
12179—Re-Agents (Chemical)

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Barrett Co. (Flotation), 17H Battery pl, New York
General Chemical Co., 25 Broad, New York
Heil Henry Chemical Co., St. Louis, Mo.
HOLZ & CO. INC. (For Steel Analysis), 18 Madison av, New York.
See adv index at end of book
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co. ("Merck's" Blue Label), 45 **Park pl, New York**
Thomas A. H. Co. (Dlrs.), W Washington sq., Phila., Pa.

12180— Reamers (Adjustable)

See also Reamers, Expansion

Butterfield & Co., Derby Line, Vt.
Cashman Tool Co. (Shell), Waynesboro, Pa.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co. ("Paradox"), 1 E 49th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
Glenzer J. C. Co. ("Utility" Interchangeable), 3H 4th, Detroit, Mich.
Greenfield Tap & Die Corp., Greenfield, Mass. *See adv index at end of book*
KELLY REAMER CO. ("Kelly" Floating & Rigid), 1552 Columbus rd, Cleveland, O.
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("One Lock"), New Bedford, Mass.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.



REAMERS (ADJUSTABLE)—continued

Schellenbach-Hunt Tool Co. ("Universal" Machine), Murdock bldg, Cincinnati, O.
Standard Tool Co., 6700 Central av, Cleveland, O.
Taft-Pierce Mfg. Co. Woonsocket, R. I.

12181-2—Reamers (Adjustable Floating)

Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Kelly Reamer Co., 1553 Columbus rd, Cleveland, O.
National Tool Co., Cleveland, O.
See adv index at end of book

12183—Reamers (Bibb & Bibb Seat)

Ajax Mfg. Co., 348 Jackson, N S, Pittsburgh, Pa.
Keystone Specialty Co. (Plumbers), Scranton, Pa.
Yonts C. H. & Co. ("Universal," for Cocks, Bibbs, etc), **Meadville, Pa.**

12184—Reamers (Bit Brace)

Boll Bros. Mfg. Co., Harrisburg, Pa.
Brubaker W. L. & Bros. (Taper), Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
Kraeuter & Co., 533 13th av, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper & Fluted), **Detroit, Mich.**
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Redlich Mfg. Co., 637 to 647 W Oak, Chicago, Ill.
Rich Steel Products Co. ("R. S. P."), 3855 Santa Fe av, Los Angeles, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
Yonts C. H. & Co., Meadville, Pa.

12185—Reamers (Bit Stock)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

12186-7— Reamers (Bridge)

Alvord Reamer & Tool Co., Millersburg, Pa.
Boker H. & Co., Inc. (Builders), 101 Duane, New York
Brubaker W. L. & Bros., Millersburg, Pa.
Buck Bros., Millbury, Mass.
Buckeye Twist Drill Co. (Boiler), Alliance, Ohio.
Butterfield & Co., Derby Line, Vt.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cruban Machine & Steel Corp, 63 Duane, New York.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
FASTFEED DRILL & TOOL CORP., Toledo, Ohio
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted Taper, Squared & Taper Shanks), Greenfield, Mass.
See adv index at end of book
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Latrobe Tool Co. ("Latrobe" & Car), Dept. H, Latrobe, Pa.
Lincoln Twist Drill Co., Taunton, Mass.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Swan Jas. Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.
Watervliet Tool Co. Inc. (Carbon or High Speed), Albany N. Y.
WAYNE TOOL MFG. CO. ("Wayne"), Waynesboro, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

12188— Reamers (Burring)

Alvord Reamer & Tool Co., Millersburg, Pa.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), **South Side, Louisiana, Mo.**
Butterfield & Co., Derby Line, Vt.
Fastfeed Drill & Tool Corp., Toledo, Ohio
GREENFIELD TAP & DIE CORP. ("G. T. D." Spiral Fluted, Straight Fluted), Greenfield, Mass.
See adv index at end of book
Lord L. L. (Spiral Fluted), Meadville, Pa.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Swan Jas. Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.

12188a— Reamers (Carbon)

Watervliet Tool Co. Inc., Dept. H, Albany, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

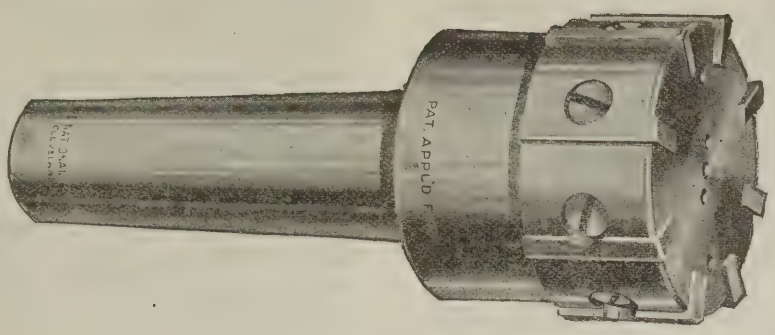
12189— Reamers (Center)

Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Fastfeed Drill & Tool Corp. (High Speed), Toledo, Ohio
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
GREENFIELD TAP & DIE CORP'N ("G. T. D."), **Greenfield, Mass.**
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6700 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

12190— Reamers (Chucking)

Alvord Reamer & Tool Co., Millersburg, Pa.
Am. Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Brubaker W. L. & Bros. (Rose Fluted), Millersburg, Pa.
Buckeye Twist Drill Co. (Machine), Alliance, O.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin Av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

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Detroit Office and Stock, 610 Sun Building
European Office; National Tool Co., 139 Queen Victoria St., London, E. C., 4

PHILADELPHIA
Office and Stock,
1215 Filbert St.

Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. (Fluted & Three Groove; also Rose Chucking), 555 Fort, Detroit, Mich.
See adv index at end of book
Fastfeed Drill & Tool Corp., Toledo, O.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted & Chucking Rose), Greenfield, Mass.
See adv index at end of book
Lincoln Twist Drill Co., Taunton, Mass.
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co. ("Morse") (Fluted Rose & Three Groove), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Rose Fluted), Detroit, Mich.
New Process Twist Drill Co. (Four Groove), Taunton, Mass.
Polk A. J. & Son Co. (Fluted etc), Millersburg, Pa.
Pratt & Whitney Co. (Solid & Shell), Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
TOOL SALVAGE CO. (High Speed Restored to Original Diameter), 407 Fort E, Detroit, Mich.
Watervliet Tool Co. Inc., Dept. H, Albany, N. Y.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

12191-2—Reamers (Conduit Pipe)

Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Thompson"), 1207 Columbus av, Pittsburgh, Pa.

12193—Reamers (Electrical, Portable)

American Electric Tool Co. ("Carver"), West Newton, Mass.
Cincinnati Electrical Tool Co., Cincinnati, Ohio
Hisey-Wolf Machine Co., Cincinnati, O.

12194—Reamers (Expansion)

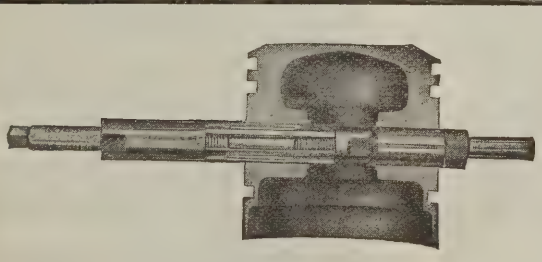
Chadwick & Trefethen ("Critchley's"), Portsmouth, N. H.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin Av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
CUTTER & WOOD SUPPLY CO. ("Critchley's Improved," "Super Six" Aligning), 274 Friend, Boston, Mass.
See adv index at end of book
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
Greenfield Tap & Die Corp. (Hand), Greenfield, Mass. *See adv index at end of book*
Hjorth Lathe & Tool Co. ("B-ver"), 37 School, Boston, Mass.
KELLY REAMER CO., 1553 Columbus rd, Cleveland, O.
Moback Tool & Machine Mfg. Co. ("Moback" Inserted), 330 Atlantic av, Boston, Mass.
Morse Twist Drill & Machine Co. (Fluted
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
New Britain Tool & Mfg. Co., New Britain, Conn.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, O.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Schellenbach-Hunt Tool Co. ("Acme"), Murdock bldg, Cincinnati, O.
Standard Tool Co., 6700 Central av, Cleveland, O.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Watervliet Tool Co. Inc., Dept. H, Albany, N. Y.
Wetmore Reamer Co., 60H 27th, Milwaukee, Wis.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12194a—*Reamers for Cylinders (Roughing & Finishing)

Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Kelly Reamer Co., 1553 Columbus rd, Cleveland, Ohio

12195-6— Reamers (Hand)

Brubaker W. L. & Bros., Millersburg, Pa.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Curban Machine & Steel Corp., 63 Duane, New York.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich.
See adv index at end of book
Dyer G. H. Co. (For Ford Cars Only), Cambridge, Mass.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
Krueter & Co., 532 18th av, Newark, N. J.
Lincoln Twist Drill Co., Taunton, Mass.
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Plomb Tool Mfg. Co. (Tinners), 2209 Santa Fe av, Los Angeles, Cal.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Tool Co., 6700 Central av, Cleveland, O.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Ward Tool & Forging Co., Latrobe, Pa.
Watervliet Tool Co. Inc., Dept. H, Albany, N. Y.



SUPER-SIX EXPANDING LINE REAMER

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CUTTER & WOOD SUPPLY CO., 274 Friend St., Boston 9, Mass.

REAMERS (HAND)—continued
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

12197-8—Reamers (High Speed Steel)

Am. Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Brady F. A. ("Fabrady"), 30 Church, New York
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cleveland Twist Drill Co. ("Peerless"), 1 E 49th, Cleveland, O.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
FASTFEED DRILL & TOOL CORP., Toledo, Ohio
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Ketler-Elliott Co. ("Ketoco" Spiral Fluted"), 31st & California, Chicago, Ill.
Latrobe Tool Co., Latrobe, Pa.
McCrosky Reamer Co., Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Rich Tool Co., Railway Exch. bldg, Chicago, Ill.
U. S. High Speed Steel & Tool Corp. ("Challenger"), 489 5th av, New York
Ward Tool & Forging Co., Latrobe, Pa.
Watervliet Tool Co. Inc ("Watervliet"), Dept. H, Albany, N. Y.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*
Wilkins Geo. H. ("Keystone"), 130 N. Market, Chicago, Ill.

Reamers (High Speed Steel Twisted)

See Reamers, High Speed Steel

12199— Reamers (Hub)

Defiance Machine Works, Defiance, O.

12199a— Reamers (Lemon & Orange)

Mills Thomas & Brother (Electrically Driven), Cor. Thompson & Eighth, Philadelphia, Pa.

12200-1—Reamers (Locomotive)

GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Kelly Reamer Co., 1553 Columbus rd, Cleveland, O.
Whiteman & Barnes Mfg. Co. (or Rod), Akron, O. *See adv index at end of book*

12202— Reamers or Tap Borers (Lead Pipe)

See also Borers, Tap

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Lowentraut P. Mfg Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

12203— Reamers (Pin)

Brubaker W. L. & Bros., Millersburg, Pa.
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
Fastfeed Drill & Tool Corp., Toledo, Ohio,
Gale & Sawyer Co., 36 Oliver, Boston. Mass.
GREENFIELD TAP & DIE CORP. (Square Shank, Taper Shank, "G. T. D." Taper Spiral Fluted), Greenfield, Mass
See adv index at end of book
Screw Machine Products Corp. (Taper), 1012 Eddy, Providence, R. I.
Watervliet Tool Co. Inc., Dept. H, Albany, N. Y.

Reamers (Pipe)

See Taps & Reamers, Pipe

Reamers (Pneumatic)

See Pneumatic Reaming & Tapping Drills

12204— Reamers (Radial)

Hanna Engineering Works ("Hanna," for Bridge & Structural Shops), 1764 Elston av, Chicago, Ill.

12205—Reamers (Rivet Hole)

Buckeye Twist Drill Co., Alliance, O.
Rich Tool Co. Railway Exch. bldg, Chicago, Ill.
Standard Tool Co., 6700 Central av, Cleveland, O.
Watervliet Tool Co. Inc., Dept. H., Albany, N. Y.

12206— Reamers (Set)

Buffum Tool Co. ("Swastika," Conduit & Iron Pipe), South Side, Louisiana, Mo.

12207— Reamers (Shell)

Alvord Reamer & Tool Co., Millersburg, Pa.
Brubaker W. L. & Bros., Millersburg, Pa.
Buckeye Twist Drill Co., Alliance, O.
Cashman Tool Co. (Adjustable), Waynesboro, Pa.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio
Detroit Reamer & Tool Co., 302 E. Congress, Detroit, Mich.
DETROIT TWIST DRILL CO. (Also Rose Shell), 555 Fort, Detroit, Mich.
See adv index at end of book
Fastfeed Drill & Tool Corp, Toledo, O.
Gale-Sawyer Co., 36 Oliver, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Rose Straight & Spiral Fluted), Greenfield, Mass.
See adv index at end of book
Lincoln Twist Drill Co., Taunton, Mass.
McCrosky Reamer Co. ("McCrosky" Adjustable), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("Morse" Adjustable & Rose), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Fluted), Detroit, Mich.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6700 Central av, Cleveland, O.
Watervliet Tool Co. Inc., Dept. H., Albany, N. Y.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

12208—Reamers (Special Design)

Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio
McCrosky Reamer Co., Meadville, Pa.
Watervliet Tool Co. Inc., Dept. H., Albany, N. Y.

12209— Reamers (Square)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Buck Bros., Millbury, Mass.
Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York
Jennings C. E. & Co., 71 Murray, New York
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Snell Mfg. Co., Fiskdale, Mass.
Tuck Mfg. Co. (Also Half Round), Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

12210— Reamers (Taper)

Alvord Reamer & Tool Co., Millersburg, Pa.
Am. Twist Drill & Tool Co., W Jefferson av at 21st, Detroit, Mich.
Brown & Sharpe Mfg. Co. ("Standard"), Providence, R. I.
Brubaker W. L. & Bros., Millersburg, Pa.
Buck Bros., Millbury, Mass.
Buckeye Twist Drill Co., Alliance, O.
Butterfield & Co., Derby Line,, Vt.
Chicago Screw Co. (Taper Pin), Homan av & Fillmore, Chicago, Ill.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, Ohio
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Corbin Screw Corporation (Pin), New Britain, Conn.
Curban Mach. & Steel Corp., 63 Duane, New York
Detroit Reamer & Tool Co., 302 E. Congress; Detroit, Mich.
DETROIT TWIST DRILL CO. (Also Taper Pin), 555 Fort, Detroit, Mich.
See adv index at end of book
Fastfeed Drill & Tool Corp., Toledo, Ohio,
Gale & Sawyer Co., 36 Oliver, Boston, Mass.
GREENFIELD DIE & TAP CORP'N ("G. T. D.", "Morse" Roughing & Finishing), Greenfield, Mass.
See adv index at end of book
Holland Mfg. Co., 352 E 18th, Erie, Pa.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper Pin, etc), Detroit, Mich.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Rich Tool Co., Ry Exch bldg, Chicago, Ill.
Rogers John M. Works (Solid & Adjustable), Gloucester City, N. J.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6700 Central av, Cleveland, O.
Stowe Flexible Shaft Co. (Long Taper), N 26th & Callowhill, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse" Square), Borden av, Syracuse, N. Y.
Ward Tool & Forging Co., Latrobe, Pa.
Watervliet Tool Co. Inc., Dept. H., Albany, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Yonts C. H. & Co. (For Bit Brace, Paper Reamer & Ratchet Combination; also Spiral Fluted), Meadville, Pa.

12211—*Reamers (Turret Lathe)

Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York
Kelly Reamer Co., 1553 Columbus rd, Cleveland, O.

12212— Reamers (Under)

Oil Well Improvements Co. (Solid Bit), Tulsa, Okla.
Vulcan Iron & Steel Works ("Grant"), 1590 N Main, Los Angeles, Cal.
WILSON & WILLARD MFG. CO. ("Perfection"), 2301 E. Vernon av, Los Angeles, Cal.

12213—Reamers (Valve Reseating)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Kelly Reamer Co., 1553 Columbus rd, Cleveland, O.

12214— Reapers

See also Agricultural Implements; Harvesters; Mowers

Emerson-Brantingham Co., ("E. B. Osborne") Rockford, Ill.
International Harvester Co. of America (Inc.) (Deering, McCormick, Milwaukee), Harvester bldg, Chicago, Ill.
Massey Harris Harvester Co. ("Johnston Continental"), Batavia, N. Y.
Messinger Mfg. Co. (Empire"), Tatamy, Pa.
Moline Plow Co. ("Adriance"), Moline, Ill.
Seiberling & Miller Co. ("Empire"), Doylestown, O.
Wood Walter A. Mowing & Reaping Machine Co. ("Walter A. Wood"), Hoosick Falls, N. Y.

12214a— Receivers (Acid)

Acid Proof Iron Products Co., Inc., 49 Herman, Newark, N. J.
Duriron Castings Co., Dayton, O.
General Ceramics Co., 50 Church, New York.
Knight Maurice A., Akron, O.
Thermal Syndicate Ltd., 50 E 41st, New York

12215— Receivers (Air)

Boyle Mfg. Co., 5100 Santa Fe, Los Angeles, Cal.
Buckeye Boiler Co., Dayton, O.
Bury Compressor Co., Erie, Pa.
Case W. A. & Sons, Mfg. Co., Buffalo, N. Y.
Casey-Hedges Co., Chattanoogo, Tenn.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Graver Corp., East Chicago, Ind.
See adv index at end of book
Hamburg Boiler Works, Hamburg, Pa. York
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago, Ill.
INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Leader Iron Works, Decatur, Ill.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Munroe R. & Sons Mfg. Corp'n (Also Gas), 23rd & Smallman, Pittsburgh, Pa.
Murphy & Walsh, Pekin, Ill.
Ocean Shore Iron Wks., 550 8th, San Francisco, Cal.
Oil City Boiler Wks., Oil City, Pa.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 33 W 42d, New York
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Pa. Boiler Wks., Erie, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
United Iron Works, Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

12216—Receivers (Ammonia)

American Welding Co. (Seamless Lap Welded), Carbondale, Pa.
Austin Welding Works, 555 W Quincy, Chicago, Ill.
Columbus Iron Works, Columbus, Ga.

12216a—Receivers (Feed Water)

Cochrane H. S. B. W. Corp., 3147H N 17th, Phila., Pa.
Triumph Elec. Co., Dept. H., Oakley, Cincinnati, O.

12217— Receivers (Garbage)

Birch Mfg. Co. (Wall), 1276 Clybourn av, Chicago, Ill.
Colonial Fireplace Co. ("Bestovall"), 4631 W 12th, Chicago, Ill.
Donley Bros. Co. ("D. B." Underground), 3625 E 74th, Cleveland, O.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Majestic Co. (Built-In Kitchen, Apartment & Underground), Huntington, Ind.
Sexton Can Co. ("Sexton Sanitary" Underground), 123 Broad, Boston, Mass.
Stephenson C. H. ("Stephenson," "Standard," & "Unit," also Street Sweeping, Ash, Refuse, etc), Lynn, Mass.

12217a—Receivers (Milk & Package)

DONLEY BROS. CO. THE (& Bottle), 3626 E. 74th, Cleveland, O.
See adv index at end of book
Majestic Co., Huntington, Ind.

12217b— Receivers (Hair)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

12218— Receivers (Pipe)

American District Steam Co. ("Adsco"), North Tonawanda, N. Y.

12218a—Receivers (Rotary Underground Ash)

Gunster Bros. (Underground & Elevator for Heaters & Boilers), Scranton, Pa.
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.

12219-20—Receivers (Wireless Telegraph)

Brandes C., 32 Union sq, New York
National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.
Radio Corporation of America, 233 B'way, New York
Wireless Specialty Apparatus Co., C & Fargo, Boston, Mass.

12221— Receptacles (Cleat)

Connecticut Elec. Mfg. Co., Bridgeport, Conn.
General Electric Co. (Concealed, Moulding, Conduit, Box, Sign, Miniature & Candelebra), Schenectady, N. Y.
See adv index at end of book
Mesa Fernando C. Co., Dept. H., Coit & Chancellor av, Irvington, N. J.

12222—Receptacles (Conduit Box)

Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Gleason J. L. & Co., 241 Franklin, Boston, Mass.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.

12222a—*Receptacles (Edi-Swan & Candelabra)

MORSE FRANK W. ("Morse," Flush & Surface), 289 Congress, Boston, Mass.
See adv index at end of book

12223— Receptacles (Flush)

Arrow Electric Co. ("Arrow E," "Standard") (For Attachment Plugs), Hartford, Conn.
Bryant Electric Co., Bridgeport, Conn.
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
See adv index at end of book
MANHATTAN ELECTRICAL SUPPLY CO. (also Plug & Miniature Socket), 17 Park pl, New York
See adv index at end of book
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.

12224—Receptacles for Chemical Works

Baeuerle & Morris, 932 N Front, Phila., Pa.

12225— Receptacles (Hard Fibre)

Baeuerle & Morris, 932 N Front, Phila., Pa.
Wilson Co., Greenville, S. C.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.

12225a—*Receptacles (Metal Sheet & Porcelain)

General Electric Co., Schenectady, N. Y.
See adv index at end of book
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

12226—Receptacles (Ordinary & Sign)

See also Plugs, Attachment; also Sockets
Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Arrow Electric Co. ("Arrow E," "Mogul," "Standard" Candelabra & Miniature), Hartford, Conn.
Best Electric Co., Vanadium bldg, Pittsburgh, Pa.
Bryant Electric Co., Bridgeport, Conn.
Chelton Electric Co., Stenton & Rockland, Phila., Pa.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Norbitt" & "Condulette"), Syracuse, N. Y.
Federal Sign System (Outlet Box), 8700 S State, Chicago, Ill.
Freeman E. H. Electric Co. ("Russell" Sign, Porcelain for Metal Faced Signs), Trenton, N. J.
Hart & Hegeman Mfg. Co., 342 Capital av, Hartford, Conn.
Hubbell Harvey (Floor), Bridgeport, Conn.
Johns-Pratt Co. (Moulded Mica, Waterproof Sockets & Receptacles), Hartford, Conn.
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
National Metal Moulding Co. (For Metal Moulding), 1110 Fulton bldg, Pittsburgh, Pa.
Paiste H. T. Co. ("Fielding"), 3201 Arch, Phila., Pa.
Pass & Seymour ("P. & S." Waterproof, etc), Solvay, N. Y.
Paulding John I., New Bedford, Mass.
Peru Electric Co., Peru, Ind.
Phila. Elecl. Mfg. Co., 1236 N 31st, Phila., Pa.
Russell & Stoll Co., 17 Vandewater, New York
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Stanley & Patterson ("Newcode"), 23 Murray, New York
Tregoning Electric Mfg. Co., Cleveland, O.
Trumbull Electric Mfg. Co., Plainville, Conn.
Union Electric Co., Trenton, N. J.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.

12226a—Receptacles (Three Fuse 600 Volt)

DELTA-STAR ELECTRIC CO., 2437 Fulton, Chicago, Ill.

12226b—Rechargers for Fire Extinguishers

Globe Automatic Sprinkler Co. (Globe"), 2035 Washington av, Phila., Pa.
Harker Mfg. Co. (Chemical), 121-123 W 3d, Cincinnati, O.
See adv index at end of book
SAFETY FIRE EXTINGUISHER CO., 295 7th av, New York
See adv index at end of book

12226c—*Reclaiming Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

12227—Record Holders (Wire Phonograph)

Syracuse Wire Works (Wire & Steel), 101 University av, Syracuse, N. Y.

12228— Recorders (Cash)

Hough Cash Recorder Co. ("Security"), Indian Orchard, Mass.

12229— Recorders (Coasting)

Railway Improvement Co. (For Electric Railways), 61 B'way, New York

12230—Recorders (Combustion)

FOXBORO COMPANY, THE ("Foxboro-Heath" CO_2), Foxboro, Mass.
See adv index at end of book
Huyette Paul B. Co., 5 S 18th, Phila., Pa.
Precision Instrument Co. ("Precision"), (0-20%, 0-50%, 65-100%), 21 Halsey, Newark, N. J.
Sarco Co. Inc. ("Sarco"), 8 Park pl, New York
Uehling Instrument Co., 71 Broadway, New York
Yarnall Waring Co., Chestnut Hill, Phila., Pa.

12231—Recorders (Continuous Feed & Resetting)

Ashcroft Mfg. Co. (For Steam, Electric Cable, Engine & Water Motors), 119 W 40th, New York
Brown Instrument Co., Wayne & Windrim, Phila., Pa.

Recorders (Differential)

See Gauges Differential Recording

12232—Recorders (Elevator Travel)

Dwight Mfg. Co., 565 W Washington blvd, Chicago, Ill.
Elevator Supplies Co., Hoboken, N. J.

12233—Recorders (Flue Gas Temperature)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, O. & 139 Milk, Boston, Mass.
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Dwight Mfg. Co., 565 W Washington blvd, Chicago, Ill.

12233a—Recorders (Machine)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.

12234—Recorders (Pressure & Speed)

Brown Instrument Co., Wayne & Windrine, Phila., Pa.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Esterline Co. (Inc.) ("Esterline," Speed), Indianapolis, Ind.
FOXBORO COMPANY, THE ("Foxboro," also Temperature), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co., 21 Halsey, Newark N. J.
SCHAEFFER & BUDENBERG MFG CO. (Also Temperature), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Tagliabue C. J. Mfg Co. (Pressure Only), 18 33d, Brooklyn, N. Y.
Uehling Instrument Co., 71 B'way, New York

12235—Recorders (Railway Speed)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
CHICAGO PNEUMATIC TOOL CO., 6 E 44th, New York
See adv index at end of book

12236— Recorders (Smoke)

Hamler-Eddy Smoke Recorder Co. ("Eddy"), 3906 S Halsted, Chicago, Ill.
Scientific Instrument & Elect. Mach. Co., Mechanicsburg, Pa.

12237—Recorders (Sunshine)

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

12237a—Recorders (Temperature)

Bristol Co., Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.

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RECORDERS (TEMPERATURE)—cont.

Foxboro Co., Foxboro, Mass.
See adv index at end of book
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Schaeffer & Budenberg Mfg. Co., Berry & S 5th, B'klyn, N. Y.
See adv index at end of book
Thwing Instrument Co., 33rd & Lancaster, Phila., Pa.
Uehling Instrument Co., 71 B'way, New York

12238— Recorders (Time)

See also Clocks, Time Recording System
AUTOMATIC TIME STAMP CO. ("Automatic" Time Register, "Duragraph" Elapsed Time Recorder), 164 Congress, Boston, Mass.
Bishop Calculating Recorder Co. ("Bishop" Calculating), 233 B'way, New York
Bonham Recorder Co., Hamilton, O.
BRISTOL CO. ("Bristol's" Electric & Mechanical), Waterbury, Conn.
See adv index at end of book
BROWN INSTRUMENT CO., Wayne & Windrim, Phila. Pa.
Brown Trafilog Co. ("Trafilog" for Trucks, Wagons, etc.), 6538H Carnegie av, Cleveland, O.
Bundy W. H., Recording Co. ("Bundy"), 135 5th av, New York
Calculagraph Co. (Elapsed Time Recorder), 30 Church, New York
Cincinnati Time Recorder Co., 1733 Central av, Cincinnati, O.
Computing Tabulating Recording Co., 50 Broad, New York
Costmeter Co. ("Costmeter" Industrial Interlocking Identification), 1000 Washington, Boston, Mass.
Follett Time Recording Co., 9 West B'way, New York
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Gisholt Machine Co. ("Periodograph"), Madison, Wis.
Holtzer-Cabot Electric Co. ("Watchmen's"), 125 Amory, Boston, Mass.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Imhauser E. Co. ("Watchman's"), 212 B'way, New York
International Time Recording Co. of N. Y. ("Rochester," "Bundy," "Chicago" & "International Card"), Endicott, N. Y.
Kastens Henry, 418 W 27th, New York
King Lock Co., 319 W Ohio, Chicago, Ill.
Magneta Co., 37 E 28th, New York
Monitor Time Clock Co., Syracuse, N. Y.
Nanz Clock Co., 178 Fulton, N. Y.
Recording Devices Co., Dayton, O.
Service Recorder Co. (Travel Recorders), 2344 E 105th, Cleveland, O.
Simplex Time Recorder Co., Gardner, Mass.
Slocum Avram & Slocum Laboratories, Inc. (Machine Efficiency), 537 W 21st New York
Sohm Electric Co. ("Sohm" System Keyless), 841 Blue Island av, Chicago, Ill.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

12239-40—Recorders (Time, Cost Keeping)

Costmeter Co. ("Costmeter"), 1000 Washington, Boston, Mass.
Simplex Time Recorder Co., Gardner, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

12241—Recorders (Traffic Time)

Brown Trafilog Co., 6538H Carnegie av, Cleveland, O.

12241a— Recorders (Vacuum)

See also Gauges
Precision Instrument Co., 21 Halsey, Newark, N. J.
Schaeffer & Budenberg Mfg. Co., Berry & S 5th, B'klyn, N. Y.
See adv index at end of book
Uehling Instrument Co., 71 B'way, New York

12242—Recorders (Water Flow)

Bailey Meter Co. ("Bailey" For Water and all Fluids), 2017 E 66th, Cleveland, O., & 139 Milk, Boston, Mass.
Yarnall Waring Co. ("Lea" V Notch Meters for Measuring Boiler Feed, Acid, Chemical Solutions, etc.), Chestnut Hill, Phila., Pa.

12243—Recorders (Water Level)

Brown Instrument Co., Wayne & Windrim Phila., Pa.
Du Vivier Ernest H. (Imp), 30 Church, New York
FOXBORO COMPANY, THE ("Foxboro"), Foxobro, Mass.
See adv index at end of book
Gurley W. & L. E. (Automatic Self-Recording Water Stage Registers, making Printed & Graphic Records, also "Gurley" Hook Gage for Determining the Depth of Water Flowing Over Weirs, etc), Troy, N. Y.
LEUPOLD VOELPEL & CO. ("Stevens" Continuous Water Level Recorders & Indicators for Water Power Plants, Irrigation, City Water Supply & Sewers. Let Stevens' Recorders Plot your Hydrograph), 107 E 70th N, Portland, Oregon.
Lombard Governor Co., Ashland, Mass.
Precision Instrument Co., 21 Halsey, Newark, N. J.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

12244— Recorders (Weir)

Bailey Meter Co. ("Bailey"), 2017 E 46th, Cleveland, O. & 139 Milk, Boston, Mass.
Simplex Valve & Meter Co., 110 N Broad, Phila, Pa.

12245—*Recording Devices For the Trade

PLUMB D. S., 73-77 Norfolk near Central av, Newark, N. J.
See adv index at end of book

12245a— Records (Disc)

Columbia Graphophone Co., 233 Broadway, New York
Edison Thomas A., Orange, N. J.
Federal Record Corp., Albany, N. Y.
General Phonograph Corp., ("Okeh"), 25 W 45th, New York.
Pathe Freres Phone Co., 18 E 42nd, New York
United Music Stores ("Grey Hull" Foreign Languages), 619H Cherry, Phila., Pa.
United Phonograph Corp., Sheboygan, Wis.
Victor Talking Machine Co., Camden, N. J.

12246—Rectifiers (Alternating Current)

Beacon Rectifier, Inc. (For Charging Storage Batteries)), Hyde Park, Mass.
Carter Electric Co., Atlanta, Ga.
Edison Thomas A. (For Charging Storage Batteries), Orange, N. J.
Hobart Bros. Co., Troy, N. Y.
Valley Electric Co., 3157 S Kingshighway, St. Louis, Mo.

12247—Rectifiers (Automobile Electric Lighting)

GENERAL ELECTRIC CO. ("G. E." "Tungar"), Schenectady, N. Y.
See adv index at end of book
Hobart Bros. Co., Troy, N. Y.

12248— Rectifiers (For Changing Alternating to Direct Current)

American Battery Co. ("American" Electrolytic), 1132 Fulton, Chicago, Ill.
Elec. Accumulator Co., 811 Penna, Pittsburgh, Pa.
France Mfg. Co., 10360 Berea rd, Cleveland.
Hobart Bros. Co., Troy, N. Y.
Imperial Elec. Co., Union City, Ind.
Krott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Lincoln Electric Co., Cleveland, O.
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Murphy Electricity Rectifier Co., Rochester, N. Y.
Ruprecht Electrical Co., Cleveland, O.
Stahl Rectifier Co., 1401 W Jackson, Chicago, Ill.
Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.
United Elec. Apparatus Co., 1529 Columbus av, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Cooper-Hewitt"), East Pittsburgh, Pa. *See adv index at end of book*

12248a—*Rectifiers (High Voltage D-C)

General Electric Co. ("Kenotron"), Schenectady, N. Y.
See adv index at end of book

12249—Rectifiers (Mercury Arc)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12250 — Rectigraphs

Rectigraph Co., Rochester, N. Y.
See adv index at end of book

12251— Reds (Indian)

Chrystal Chas. B, 13 Cliff, New York
See adv index at end of book
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
McNulty Joseph A., 114 Liberty, New York
See adv index at end of book
Smith J. Lee & Co. (Imp), 19 Jacob, New York
Westmoreland Chemical & Color Co., S E Cor. 22nd & Westmoreland, Phila., Pa.

12251a— Reds (Turkey)

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
McNULTY JOSEPH A., 114 Liberty, New York. *See adv index at end of book*
Smith J. Lee & Co. (Imp), 19 Jacob, New York

12251b— Reds (Tuscan)

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
McNulty Joseph A., 114 Liberty, New York. *See adv index at end of book*
Smith J. Lee & Co. (Imp), 19 Jacob, New York

12252— Reds (Venetian)

Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chrystal Chas B, 13 Cliff, New York
See adv index at end of book
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
McNULTY JOSEPH A., 114 Liberty, New York. *See adv index at end of book*
Macneal James B. & Co. (American & English), Warner & Wooster, Baltimore, Md.
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
Osborn C. J. Co. (Imp.), 132 Nassau, New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Westmoreland Chemical & Color Co., S E Cor. 22nd & Westmoreland, Phila., Pa.
WILLIAMS C. K. & CO. ("Anchor Brand"), Easton, Pa.
See adv index at end of book

12252a— *Reducers (Aniline)

Buffalo Foundry & Machine Co. 65 Winchester av, Buffalo, N. Y.

12253—Reducers (Closet Spud)

Trenton Brass & Machine Co., Trenton, N. J.

12254— Reducers (Hose)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Simmons John Co., 110 Centre, New York
See adv index at end of book

12255—Reducers (Stove Pipe)

Larkin J. K & Co., 253 Broadway, New York. *See adv index at end of book*
Osborn J. M. & L. A. Co., Cleveland, O.

12256—Reeds (Car Seat, Chair, Etc.)

Heywood Bros. & Wakefield Co., Gardner, Mass.
National Patent Reed Co., Unionville, Conn.

12256b—Reels (Automatic)

Hayward Co. (For Handling Electric Cables or Overhead & Locomotive Cranes), 50 Church, New York.
See adv index at end of book

HAYWARD BUCKETS
DIGGING MACHINERY
THE HAYWARD COMPANY
50 CHURCH STREET NEW YORK

12257— Reels (Belt)

Turner Tanning Machinery Co. ("Turner" for Belt Mfrs.), Peabody, Mass.

12258—Reels (Blasting Cable)

Grasselli Powder Co., Guardian bldg, Cleveland, O.

12259— Reels (Bolting)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Gump B. F. Co., 413 S Clinton, Chicago, Ill.
Noye Bros. Co., Buffalo, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

12259a— Reels (Braid)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York.
See adv index at end of book
Estes, E. B. & Sons, 364 5th av, New York *See adv index at end of book*

12260— Reels (Centrifugal)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Bolting), Milwaukee, Wis.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

12260a— Reels (Chalk & Masons' Line)

Beall Bros., Alton, Ill.
Bogert & Hopper, Inc. (Wood), 57 Barclay New York.
See adv index at end of book
Stanley Rule & Level Co., New Britain, Conn.
Union Hardware Co., Torrington, Conn.

12261— Reels (Clothes Line)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Feeney Mfg. Co. ("Star" & "Handy"), Muncie, Ind.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gem Mfg. Co. (Also Tighteners), North Girard, Pa.
Glendale Mfg. Co. (Indoor), 1 Madison av, New York
Hugro Mfg. Co. ("Blue Bird," "Peerless" Outdoor), 327 S La Salle, Chicago, Ill.
Klauer Mfg. Co., Dubuque, Ia.
Little Giant Co. ("Little Giant"), Mankato, Minn.
Loetscher-Ryan Mfg. Co. (Revolving Iron Carters), Dubuque, Ia.
Palmer W. M. Mfg. Co. ("Reel-Z-Up," for Kitchen & Laundry), 42 B'way, New York.
Patent Novelty Co. (Kitchen), Fulton, Ill.
Sanitary Appliance Co., Neenah, Wis.
Sommer John Faucet Co., 30 Morris av, Newark, N. J.
Swett A. L. Iron Works, Medina, N. Y.

Reels (Fire Hose)

See Reels & Racks, Fire Hose

12261a— Reels (Film)

Sharlow Bros. Co., 442 W 42nd, New York

12262— Reels (Fishing)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Enterprise Mfg. Co. ("Pflueger"), Akron, Ohio
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
General Phonograph Corp. ("Meisselbach" Automatic, "Takapart," "Tripart," "Free Spool," "Neptune," Metal, "Good Luck," Wood, "Amateur," "Expert," "Allright," "Featherlight," "Zephyer," etc.), 25 W 45th, New York.
Greer Fredric, 525 W Van Buren, Chicago, Ill.
Horrocks-Ibbotson Co. ("Y. & E." Automatic) Utica, N. Y.
Martin Automatic Fishing Reel Co. ("Martin"), Mohawk, N. Y.
Milam B. C. & Son, Frankfort, Ky.
Montague City Rod Co., Montague City, Mass.
Orvis Chas. F. Co., Manchester, Vt.
Redifor Rod & Reel Co. ("Redifor"), Warren, O.
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sommer John Faucet Co., 30 Morris av, Newark, N. J.
South Bend Bait Co. (Anti-Back Lash), South Bend, Ind.
Stockford Reel Co., 330 W. Kinzie, Chicago, Ill.
United Iron Wks., Kansas City, Mo.
Vom Hofe Edward & Co., 112 Fulton, New York
Vom Hofe Julius, 351 S 5th, Brooklyn, N. Y.
Winchester Repeating Arms Co. ("Winchester") New Haven, Conn.

12263—Reels (Garden Hose)

Cardington Cabinet Co. ("Ideal" Steel, "Buckeye" & "Cardington" Metal, "Ohio," "Sterling," "Crescent," "Perfection," "Excelsior," "Acme" Wood), Cardington, O.
Celina Specialty Co. (Wooden), Celina, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Independent Register & Mfg. Co. (Metal), 713 Frankfort, Cleveland, O.
McKinnon Dash Co. (All Steel), Buffalo, N. Y.
Majestic Co., Huntington, Ind.
Specialty Mfg. Co. (Detachable), 2362 University av, St. Paul, Minn.
Spray Engineering Co. ("Simplex"), 60 High, Boston, Mass.
Steele-Alderfer Co., Cuyahoga Falls, O.
Steinfeld Bros. (Wood), 116 W 22d, New York.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Toledo Metal Wheel Co. (Metal), Toledo, Ohio.
Union Mfg. & Lumber Co. (Wooden), Northville, Mich.
Whitehurst R. W. Mfg. Corp. (Wooden), Norfolk, Va.
Wirt & Knox Mfg. Co. ("Wirt's"), 23d & York, Phila., Pa.

12264— Reels (Hexagon)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

12265—Reels (Leading Wire)

Hercules Powder Co., Wilmington, Del.

12266— Reels (Leather)

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

12267— Reels (Paper)

Clark H. C. & Son Machine Co., Lee, Mass.
Mossberg Frank Co. ("Mossberg," All Steel for Paper Mfrs), Attleboro, Mass.

12268—Reels (Payout & Take-Up)

Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co. ("Wassen"), Downers Grove, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Nagel W. G. Electric Co. ("Ready"), Toledo, O.
Ransome Concrete Machinery Co., Dunellen, N. J.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Waldman John J., 64 Murray, New York
Wasson Reel Co., Clinton, Ill.

12269—Reels (Pressed Steel)

American Pulley Co., 114 S. Clinton, Chicago, Ill.
Mossberg Frank Co. (For Wire & Chain Manufacturers), Attleboro, Mass.

12269a— Reels (Rope)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book
Paige Motor, Antrim, N. H.

12270— Reels (Sand)

Chrisman Foundry Co. (Iron & Wood), Morgantown, W. Va.
Masseth Packer & Machine Co. ("Jackson"), Butler, Pa.

12271— Reels (Scalping)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Robinson Mfg. Co., Muncy, Pa.

12272— Reels (Sheet Steel)

Stirrup Mfg. Co. (For Moving Picture Machines), 397-403 Market, Newark, N. J.

12273—Reels (Sifter Bolting)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Brown A. & F. Co., 79 Barclay, New York
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

12273a—Reels (Surveyors' Tape)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

12274—Reels (Tennis Post)

Spaulding A. G. & Bros., 126 Nassau, New York

12274a—*Reels (Well Baling)

Erie Hoist Co. ("Erie"), Erie, Pa.

12275— Reels (Wire)

Avoca Mfg. Co., Avoca, N. Y.
Dicke Tool Co., Downers Grove
Koegel Chas. & Sons, Holyoke, Mass.
Ladel Mfg. Co., New Phila., O.
La Fayette Engrg Co. (Cable & Const. Trucks), La Fayette, Ind.
Leahy John J., 48 Dey, New York
Meckel Fred L., 11 E 13th, Chicago, Ill
Minneapolis Elec & Construction Co., 112 S 7th, Minneapolis, Minn.
Mossberg F. Co., Attleboro, Mass.
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Nilson A. H. Machine Co., (Tilting & Stationery), Bridgeport, Conn.
Oshkosh Mfg. Co., 558 S. High, Oshkosh, Wis.
Standard Mechanical Equipt Co., Dallas, Tex
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book
Waldman John J., 64 Murray, New York
Wasson Reel Co. ("Wasson"), Clinton, Ill.

12276— Reels (Wire Mill)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn
See Adv index at end of book
Morgan Construction Co., Worcester, Mass.
Mossberg Frank Co. ("Mossberg" Stamped Steel), Attleboro, Mass.
Nilson A. H. Machine Co., Bridgeport, Conn.
Vaughn Machinery Co. (Double Deck Galvanizing Equipment), Cuyahoga Falls, O. *See adv index at end of book*

12277— Reels (Wood)

Estes E. B. & Sons (Braid, Clothes Line, Rope, etc), 364 5th av, New York
See adv index at end of book
Kenfield Lambreaux Co., Conway bldg, Chicago, Ill.
Stiles H. A. & Co., 93-97 Oliver, Boston, **Mass.** *See adv index at end of book*

12278—Reels & Racks (Fire Hose)

ALLEN W. D. MFG. CO. ("Bowes" "Yale" "Demey"), 566 W Lake, Chicago, Ill.
See adv index at end of book
American Fire Apparatus Co., 30 E 42d, New York
Celina Specialty Co., Celina, O.
Clay John H. (Swinging), 1320 Ridge av, Phila., Pa.
Cliff & Guibert Co. ("A. B. C.," "Guibert"), 460 W B'way, New York
Elkhart Brass Mfg. Co. ("Elk," Hose Racks, "Elkhart" Swinging Hose Reels), Elkhart, Ind.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Harker Mfg. Co. ("Queen"), 121-123 W. Third, Cincinnati, O.
See adv index at end of book
Hayward S. F. & Co. (Fire Hose), 250 W 54th, New York
Howard H. J. M. Mfg. Co. ("Howard's" Swinging), 150 Pierce N W, Washington, D. C.
Howe Engine Co., Indianapolis, Ind.
Jiffy Fire Hose Rack Co. ("Jiffy" Fire Hose Racks), 727 7th av, New York
Manhattan Rubber Mfg. Co. (Swinging), Passaic, N. J.
Nuhring Chas. & Bro. ("2 in 1," "Cabinet" & "E-Z" Swinging & Automatic Racks), 1212 Walnut, Cincinnati, O.
Prospect Mfg Co., Prospect, O.
Revere Rubber Co. ("Schenck"), Chelsea, Mass.
Rex-Harris Fire Appliance Co., 310 W 39th, New York
Safety Fire Extinguisher Co., 295 7th av, New York. *See adv index at end of book*
Simmons John Co., 110 Centre, New York
See adv index at end of book
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wirt & Knox Mfg. Co. ("Hump" "Royal" "Eclipse" "Angle" Racks & "Wirts" Reels), 23rd & York, Phila., Pa.

12278a— Refinery Equipment

Continental Supply Co., 1139 Olive, St. Louis, Mo.
GRAVER WM. TANK WORKS, East Chicago, Ill.
See adv index at end of book
TREADWELL CONSTRUCTION CO. (Oil & Sugar), Midland, Pa.
See adv index at end of book

12279—Reflectors (Enameled Iron)

Baltimore Emanel & Novelty Co., 4 E Redwood, Baltimore, Md.
Enamel Products Co. (Electric Reflectors), Eddy rd & Taft av, Cleveland, O.
Geuder, Paeschke & Frey Co. (Also Japanned), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Harter Mfg. Co., 524 S Clinton, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

12280—Reflectors (Enameled Steel)

Adams-Bagnall Electric Co. ("Abolite" for Industrial Lighting), Platt av, Cleveland, O.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Cutter Geo. C. (Porcelain), South Bend, Ind.
Dunlap John Co., Carnegie, Pa.
VITREOUS ENAMELING CO. (Steel), Grant av, Cleveland, O.
See adv index at end of book

12281—Reflectors for Churches, Halls, Etc.

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Dayton Mfg. Co., Dayton, O.

REFLECTORS FOR CHURCHES, HALLS, ETC.—continued
Frank I. P. Inc. ("Frink"), 10th av & 24th, New York
FRINK I. P. INC. 24th & 10th av, New York; Chicago, Ill., Wrigley bldg.; Philadelphia, Pa., Fuller bldg.
Gillinder & Sons (Glass), State & Devereaux, Philadelphia, Pa.
Holophane Glass Co., 340 Madison av, New York
Kraushaar Brass Mfg. Co., 919 Pine, St. Louis, Mo.
Mitchell Vance Co., 507 W 24th, New York
National X-Ray Reflector Co., 235 W Jackson blvd, Chicago, Ill.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.

Reflectors (Glass & Porcelain)

See Shades & Reflectors, Glass & Porcelain

12282—Reflectors (Half Incandescent Lamp)

National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

Reflectors (Metallic)

See Shades & Reflectors, Metallic

Reflectors (Mirror)

See Shades & Reflectors, Mirror

12283—Reflectors (Show Case)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
FRINK I. P. INC., 24th & 10th av, New York; Chicago, Ill., Wrigley bldg.; Philadelphia, Pa., Fuller bldg.
Frink I. P. Inc. ("Frink"), 10th av & 24th, New York
Multi-Lux Illuminating Co., 6712 Union av, Cleveland, O.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.

12284—Reflectors (Signboard)

Reynolds Electric Co. ("Reco" & Billboard), 2650H W Congress, Chicago, Ill.

12285—Reflectors (Tungsten Lamp)

Gill & Co. ("Gill"), E. York & Thompson, Phila., Pa.

12286—Reflectors (Window)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
FRINK I. P. INC., 24th & 10th av, New York; Chicago, Ill., Wrigley bldg.; Philadelphia, Pa., Fuller bldg.
Frink I. P. Inc. ("Frink"), 10th av & 24th, New York
Holophane Glass Co., 340 Madison av, New York
National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.

12287— Reflectoscopes

Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.

12288— Refractometers

Bausch & Lomb Optical Co. ("Zeiss," "Abbe"), Rochester, N. Y.
Eberbach & Son Co., Ann Arbor, Mich.

12289—Refrigerating Apparatus (Electric)

Audriffren Refrig. Machine Co. ("Audriffren"), 90H West, New York
Brunswick Refrigerating Co., New Brunswick, N. J.
Frigidaire Corp., 2435 Scotten av, Detroit, Mich.
Lipman Refrigerator Car & Mfg. Co., Beloit, Wis.
Schwenker W. M., 342 E 92d, New York
Voigt Bros. Mfg. Co., Louisville, Ky.

12290— Refrigerators

Alaska Refrigerator Co. ("Ford" Opal Glass, etc), Muskegon, Mich.
Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
Arlington Refrigerator Co. ("Arco" & "Berkshire"), Arlington, Vt.
Baldwin Refrigerator Co., Burlington, Vt.
Banta Refrigerator Co., Clearfield, Pa.
Banta & Bender Co., Ligonier, Ind.
Barth L. & Son (Dlrs.), Cooper sq, New York
Belding-Hall Co., Belding, Mich.
Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Brunswick-Balke-Collender Co., 629 South Wabash av, Chicago, Ill.
Challenge Refrigerator Co. ("Challenge Porcelain," "Triumph," "Grand"), Grand Haven, Mich.
Chryster & Koppin, 819 Warren av, Detroit, Mich.
Cincinnati Butchers' Supply Co. (Chinalin-Lined), 2008 Central av, Cincinnati, O.
Cincinnati Cement Products Co. (Window), 2016 Dana av, Cincinnati, O.
Cleveland Store Fixture Co., 1305 E 40th, Cleveland, O.
Cold Storage Refrigerator Co., Eau Claire, Wis.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Dillingham Mfg. Co., Sheboygan, Wis.
Dry Kold Refrigerator Co., Niles, Mich.
Eddy D. & Sons Co., 336 Adams, Boston, Mass.
Ehrlich H. & Sons, St. Joseph, Mo.
Ehlers Robt. J. Co., 110 W 40th, New York
Enamel Products Co., Eddy rd & Taft av, Cleveland, O.
Excelsior Stove & Mfg. Co., (Also Ice Chests), Quincy, Ill.
Fremont Mfg. Co., Fremont, Neb.
Gibson Refrigerator Co., Greenville, Mich.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Gurney Refrigerator Co. ("Athermos" All-Steel), Fond du Lac, Wis.
Heinz & Munschauer ("Zero," "Buffalo," "Polar"), Buffalo, N. Y.
Herrick Refrigerator & Cold Storage Co. (Grocery, Hotel, Restaurant & Florists) Waterloo, Ia.
Herrmann H. Furniture Co., 368 Broome, New York
Hill C. V. & Co. (For Butchers, Grocers, Marine, Hotels, Restaurants & Florists), 360H Pennington, Trenton, N. J.
Illinois Refrigerator Co., Morrison, Ill.
Jewett Refrigerator Co., Buffalo, N. Y.
Jointless Refrigerator Mfg. Co. (Seamless White Interior), Milwaukee, Wis.
Knoell John & Sons, 179 Jefferson, Phila., Pa.
Koch Butcher Supply Co., 519 Wyandotte, Kansas City, Mo.
Koehler & Hinrichs, St. Paul, Minn.
Kries Henry A. & Sons Co. (Dlrs.), 8 W Lombard, Baltimore, Md.
Liver C. B. & Co., Omaha, Neb.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Refrigerator Co. (Porcelain, Glass, Wood & Enamel Lined), Kendallville, Ind.
McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.
Mace L. H. & Co., 55 E 150th, New York
Maine Mfg. Co., Nashua, N. H.
Metal Stamping Co. (Metal), Jackson, Mich.
Monroe Refrigerator Co. (Porcelain), Lockland, O.
National Refrigerators, 827 Koeln av, St. Louis, Mo.
Niagara Refrigerator Works ("Niagara," "Erie"), 20 Superior, Buffalo, N. Y.
Northern Refrigerator Co. ("Glacier," "Furniture City"), Grand Rapids, Mich
Northey Mfg. Co., Waterloo, Ia.
Odorless Refrigerator Co., Chattanooga, Tenn.
Omaha Fixture & Supply Co., Omaha, Neb.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Ranney Refrigerator Co., Greenville, Mich.
Rhinelander Refrigerator Co. ("Xyno," Stone Lined), Rhinelander, Wis.
Russ Co. (Beer & Liquor), 5700 Wolworth av, Cleveland, O.
Seegar Refrigerator Co. ("Segar" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.
Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.
Shirk Refrigerator Co., 116 S Michigan av, Chicago, Ill.
Steinfeld Bros., 116 W 32nd, New York
Stevens Benj. A. Co., Toledo, O.
Success Mfg. Co. (All Steel), Gloucester, Mass.
Traverse City Refrigerator Co. (Automobile), Traverse City, Mich.
Union Refrigerator Co., 20 W Jackson blvd, Chicago, Ill.
Vogt Peter A. Mfg. Co., 34 Evans, Buffalo, N. Y.
Walrus Mfg. Co., Decatur, Ill.
Western Cabinet & Fixture Mfg. Co., Kansas City, Mo.
White Frost Refrigerator Co., Jackson, Mich.
Wisconsin Refrigerator Co., Eau Claire, Wis.
X. L. Refrigerating Co., 1540 W 62nd, Chicago, Ill.

12291—Refrigerators (Dining Car, Etc.)

Bohn Refrigerator Co. ("Bohn"), 1340 Universal av, St. Paul, Minn.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Seeger Refrigerator Co. ("Seeger" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.

12292—Refrigerators (Iceless)

FRANTZ INTERNATIONAL REFRIGERATION CO., 212-214 Penn, Reading, Pa.
Frigidaire Corp. ("Frigidaire"), 2435 Scotten av, Detroit, Mich.
Metal Barrel Co. ("W.-M."), Galesburg, Ill.

Refrigerators (Metal)

See Refrigerators, etc.

12293—Refrigerators (Nursery)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
McAleer E. J. & Co. ("McAleer"), 1422 N 8th, Phila., Pa.

Refrigerators (Steel)

See Refrigerators, etc.

12294— Refrigerators & Cooling Rooms

Alaska Refrigerator Co., Muskegon, Mich.
Baldwin Refrigerator Co., Burlington, Va.
Bohn Refrigerator Co. ("Bohn" Syphon System for Refrigerator & Dining Cars), 1340 Universal av, St. Paul, Minn.
Brecht Co. (Portable), 1201 Cass av, St. Louis, Mo.
Cooper Madison Co. (Refrigerating Architects & Engineers), Calcium, N. Y.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Ehrlich H. & Sons Mfg. Co. (Butchers), St. Joseph, Mo.
Elkins Refrigerator & Fixt. Co., Elkins, W. Va.
Gloekler Bernard Co., (Refrigerators Only), 1127 Penn av, Pittsburgh, Pa.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Gurney Refrigerator Co., Fond du Lac, Wis.
Heinz & Munschauer, Buffalo, N. Y.
Hill C. V. & Co., 360H Pennington, Trenton, N. J.
Illinois Refrigerator Co., Morrison, Ill.
Jewett Refrigerator Co., Buffalo, N. Y.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Refrigerator Co. (All Sizes & Constructions), Kendallville, Ind.
Maine Mfg. Co., Nashua, N. H.
National Refrigerators Co. ("Aartite"), 827 Koeln av, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
Ranney Refrigerator Co., Greenville, Mich.
Ridway Refrigerator Co., 3519 N Lawrence, Phila., Pa.
St. Louis Butchers' Supply Co., 1543 N 15th, St. Louis, Mo.
Schwenger-Klein Co., 515 Woodland av, Cleveland, O.
Stevens Benj. A. Co., Toledo, O.
Union Insulating & Construction Co., 20 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Union Refrigerator Co., 20 W Jackson blvd., Chicago, Ill.
Wisconsin Refrigerator Co., Eau Claire, Wis.
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

12295—Refrigerators & Cooling Rooms (Glass Lined)

Alaska Refrigerator Co., Muskegon, Mich.
Baldwin Refrigerator Co., Burlington, Vt.
Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cooper & McKee (Opalite), 110 Lorimer, Brooklyn, N. Y.
Heinz & Munschauer, Buffalo, N. Y.
Herrick Refrigerator & Cold Storage Co. (Family), Waterloo, Ia.
Hill C. V. & Co., 360H Pennington, Trenton, N. J.
Jewett Refrigerator Co., Buffalo,, N. Y.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Refrigerator Co. (Opal Glass Lined), Kendallville, Ind.
Northey Mfg. Co., Waterloo, Ia.

12296— Refrigerators & Cooling Rooms (Tile Lined)

Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
White Enamel Refrigerator Co., St. Paul, Minn.

12297—Regenerators (Ammonia)

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

12298—Regenerators (Steam)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kellogg M. W. Co. (Welded Steel), 90 West, New York
See adv index at end of book
Rateau Steam Regenerator Co. ("Rateau"), 90 West, New York
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

12299—Registers (Autographic)

American Sales Book Co., Ltd. ("Amsaboco"), Elmira, N. Y.
Autographic Register Co. ("Shoup's"), Hoboken, N. J.
Autographic Register Co. of San Francisco (Cash), 38H Clementiana, San Francisco, Cal.
Costmeter Co. ("Costmeter"), 1000 Washington, Boston, Mass.
Egry Register Co., Dayton, O.
Globe Register Co., 2412 Reading rd, Cincinnati, O.
Hainer Bookkeeping Machine Co. ("Hainer," "Triplexograph"), 45 Willard av, Providnce, R. I.
Hamilton Autographic Register Co., Hamilton, O.
International Time Recording Co. of New York, Endicott, N. Y.
Krauth & Benninghofen, Hamilton, O.
McCaskey Register Co., Alliance, O.
Standard Register Co., Dayton, O.
United Autographic Register Co., Chicago, Ill.

12300—Registers (Car Fare)

See Also Boxes, Fare

Benton Mfg. Co., 9 Bethune, New York
Bonham Recorder Co., Hamilton, O.
Dayton Fare Recorder Co., Dayton, O.
International Register Co. (Single & Double), 15 Throop, Chicago, Ill.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Ohmer Fare Register Co. (& Taximeters), Dayton, O.
Recording & Computing Machines Co., Dayton, O.
Rooke Automatic Register Co. ("Rooke," Automatic Hand), 17 Warren, Providence, R. I.
Woodman R. Mfg. & Supply Co. (Hand), 82 Sudbury, Boston, Mass.

12301— Registers (Cash)

Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.
Brandt-Dent Co., Watertown, Watertown, Wis.
Michigan Cash Register Co., 85 Porter, Detroit, Mich.
Michigan Machine Co. ("Michigan"), 85 Porter, Detroit, Mich.
National Cash Register Co., Dayton, O.
St. Louis Cash Register Co., St. Louis, Mo.
Standard Cash Register Co. (Autographic), North Manchester, Ind.

12302— Registers (Cash & Credit Autograph)

Cashier Cash Register Co. ("Cashier"), Los Angeles, Cal.

12303— *Registers (Engine)

SCHAEFFER & BUDENBERG MFG. CO. (Round Case), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

12304— Registers (Grain)

Advance Rumely Thresher Co., La Porte, Ind.
Huber Mfg. Co., Marion, O.
Nichols & Shepard Co., Battle Creek, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Port Huron Engine & Thresher Co., Port Huron, Mich.

12305—Registers (Hand Tally)

Adde & Co., Portland, Me.
Benton Mfg. Co., 9 Bethune, New York
Pratt & Whitney Co., Hartford, Conn.
Woodman R. Mfg. & Supply Co. 82 Sudbury, Boston, Mass.

12306— Registers (Hospital)

Universal Register Co., 226 W Ontario, Chicago, Ill.

12307— Registers (Hot Air)

Atlas Heating & Ventilating Co. (Jobbers), 72 Freelon, San Francisco, Cal.
Auer Register Co., 403 Long av, N W, Cleveland, O.
Barber Mfg. Co., Ashtabula, O.
Best Register Co., 15th & Oklahoma av, Milwaukee, Wis.
Chicago Hdw. Fdry. Co., 546 W Washington, N Chicago, Ill.
Columbian Hardware Co. ("Columbian" Wrought Steel), Cleveland, O.
Detroit Register Co., 88 E Jefferson av, Detroit, Mich.
Devlin Thos. Mfg. Co., Lehigh av & 3d, Phila., Pa.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Ferrosteel Co., 425 Prospect av, N W, Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Hart & Cooley Co. Inc. (Wrought Steel & Ventilators), New Britain, Conn.
Hess-Snyder Co. ("Snyder's"), Massillon, O
Highton Wm. & Sons Co. ("Highton," "O. K.," "New Sanitary," "Keystone"), Nashua, N. H.
Independent Register & Mfg. Co., 713 Frankfort, Cleveland, O.
Keith Furnace Co., Des Moines, Ia.
Loetscher-Ryan Mfg. Co. ("Duquque" Side Wall), Dubuque, Ia.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Mueller L. J. Furnace Co. (Steel & Cast Iron, Wall & Floor), Milwaukee, Wis.
Osborn J. M. & L A Co., Cleveland, O
Phila. Hdw. & Mall. Iron Works ("Colonial"), 9th & Jefferson, Phila., Pa.
Portland Stove Foundry Co., Portland, Me.
Quaker Mfg. Co., 180 N Dearborn, Chicago, Ill.
Rhodes Mfg. Co., Grand Rapids, Mich.
Rock Island Register Co. ("Burgess"), Rock Island, Ill.
Royal Heating Co., 230 Minna, San Francisco, Cal.
Standard Fdry. & Mfg. Co., 2717 E 75th, Cleveland, O.
Stearns Register Co., 111 Fort, E, Detroit, Mich.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Symonds Register Co. (Wall), St. Louis, Mo
Syracuse Wire Works (Wire), 101 University av, Syracuse, N. Y.
Tuttle & Bailey Mfg. Co. (Cast Iron, also Wrought Steel), 2 W 45th, New York
Union Furnace Mfg. Co., Union Furnace, Pa
U. S. Register Co., Ltd. ("Jones" Side Wall Ventilating, "National," "U. S." Wood), Battle Creek, Mich.
Walworth Run Foundry Co. (Semi-Steel), 2488 W 27th, Cleveland, O.
Waterloo Register Co., Waterloo, Ia.
Westwick John & Son, Galena, Ill.

12308—Registers (Hot Water)

Atlas Heating & Ventilating Co. (Jobbers), 72 Freelon, San Francisco, Cal.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.

12309—Registers (Pressure, for Gas Works)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

12310—Registers (Rain, Sewer & Depth)

Ulmer J. C. Co., 1791 E 38th, Cleveland, O.

12311-2—Registers (Stove Pipe)

Adams Co., Dubuque, Ia.
Loetscher-Ryan Mfg Co., Dubuque, Ia.
Stover Mfg. & Engine Co., Freeport, Ill.

Registers (Water Stage)

See Recorders, Water Level

12313-4— Regulators (Air)

Hennebohle Frank (Automatic), 81st & S, Chicago av, South Chicago, Ill.
See adv index at end of book
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Try-Me Mfg. Co. (Pressure), Westfield, Mass.

Regulators (Automatic Electric Heat)

See Regulators, Heat

12315—Regulators (Blower, Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Regulators (Boiler Feed)

See Regulators, Feed Water

12316—Regulators (Carbonic Gas)

Bastian-Blessing Co. (High & Low Pressure), 125 W Austin av, Chicago, Ill.
See adv index at end of book

12317— Regulators (Cold)

Baker Ice Machine Co. (For Regulating Cold Storage Room Temperatures), Omaha, Neb.

12318—Regulators (Compressor Electric)

Cobb Electric Appliance Co. ("Ceaco"), Boston 30, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12318a—*Regulators (Constant Current)

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

12319—Regulators (Controller Electric Railway)

Lord Mfg. Co. ("Con-tro-la-tor"), 105 W 40th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12320—Regulators (Damper)

See also Regulators, Furnace; also Regulators, Pressure

Acton John ("Spencer," Pattern), 118 John, Brooklyn, N. Y.
American District Steam Co., North Tonawanda, N. Y.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Berry Engineering Co. ("Berry"), Chester, Pa.
Burrows Mfg. Co. (Automatic), York, Pa.
Bushnell John S. & Co. ("Bushnell"), 146 Liberty, New York
Coppus Engineering & Equipment Co. ("Coppus"), Worcester, Mass.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
Deegan E. J. Mfg. Co., The, 756 Whitlock av, New York
d'ESTE JULIAN CO. ("Curtis"), 34 Canal,
See adv index at end of book
Diamond Power Specialty Co. ("Diamond"), Oakland & Caniff, Detroit, Mich.
Draft Regulator Co., Grosvenor bldg, Providence, R. I.
Dunham C. A. Co., 343 S Dearborn, Chicago, Ill.
Ford Thos. P. Co., 407 Broome, N. Y.
Foskett & Bishop Co. ("Clark"), New Haven, Conn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Garrett W. D. & Co. ("Locke," "Spencer" Type), 126 Liberty, New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Hess & Barker ("Kellum" Improved), 618 Chestnut, Phila., Pa.
Highton Wm. & Sons Co., Nashua, N. H.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Honeywell Heating Specialty Co. ("Honeywell," Automatic), Wabash, Ind.
Huyette Paul B Co., 5 S 18th, Phila., Pa.
Keeble Alex. K., Lawrence, Mass.
Kellogg-Mackay Co. (For Steam & Hot Water), 403 W 18th, Chicago, Ill.
Kelly & Jones Co. (Low Pressure & "Clarks" High Pressure), 135 Water, Pittsburgh, Pa.
Kieley & Mueller (Improved "Climax"), 34 W 13th, New York
Kipp S. C. Jr. & Son, Ossining, N. Y.
Kitts Mfg. Co. (Steam Boilers), Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Klipfel Mfg. Co., K. & T., 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co. (Hot Water), 55 W Houston, New York
Lawler Water Feed & Damper Regulator, 55 W Houston, New York
Locke Regulator Co., Salem, Mass.
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
McDonough Automatic Regulator Co. ("McDonough" Automatic High & Low Pressure), 716 Grand River, Detroit, Mich.
McNab & Harlin Mfg. Co. (Low Pressure), 55 John, New York
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Nason Mfg. Co. (Low Pressure), 71 Fulton, New York
National Regulator Co. ("Metaphram"), 208 S Jefferson, Chicago, Ill.
Newbury J. H. (Low Pressure), Goshen, N. Y.
Newbury Mfg. Co. (Low Pressure), Monroe, N. Y.
Parker Supply Co. (Damper Quadrant), 785 E 135th, New York
Power Turbo Blower Co., 347 Madison, New York
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Robertson Jas. L. & Son, 78 Murray, New York
Ruggles-Klingemann Mfg. Co. ("R-K"), Salem, Mass.
Rutzler Enoch Co. ("Clarke's" Pressure), 404 E 49th, New York
Smillie C. M. & Co., 130 E Larned, Detroit, Mich.
Spencer Regulator Co., Salem, Mass.
Stillman Carmichael Co. ("Stillman-Carmichael"), 19 Pearl, Boston, Mass.
Taylor Instrument Cos. ("Tycos"), Rochester, N. Y.
Thompson Richard & Co. ("Thompson" High or Low Pressure), 146H Liberty, New York
Turner Heating Co., 143 Eddy, Providence, R. I.
Watts Regulator Co. ("The Watts Lawrence"), Lawrence, Mass.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

REGULATORS (DAMPER)—continued
Wing L. J. Mfg. Co. ("Wydawake"), 352 W 13th, New York

12321—*Regulators (Dynamo Field)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

12322—Regulators (Electric Fan)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Nason Mfg. Co., 71 Fulton, New York.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Regulators (Electric Pump)

See Governors, Electric Pump

12323—Regulators (Exhaust Pressure)

LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.

12324—Regulators (Fan Engine)

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Cobb Electric Appliance Co. ("Ceaco"), Boston, 30, Mass.
Foster Engineering Co., 109 Monroe, Newark, N. J.
Garrett W. D. & Co., 118 E 28th, New York
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Nason Fred W. Co., 39 Cortlandt, New York
Nason Mfg. Co., 71 Fulton, New York
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Standard Regulator Co. ("Victor"), 282 South Newark, N. J.
Strong Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.
Watson & McDaniel Co. (For Steam, Water & Air), 146 N 7th, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12325—Regulators (Feed Water)

See also Governors, Pump

AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Economy"), Scranton, Pa.
Cleveland Feed Water Regulator Co., Tennyson rd, Cleveland, O.
Berry Engineering Co. ("Berry"), Chester, Pa.
Bordo L. J. Co. ("Bordo" Feed Water Governor), 12th & Thompson, Phila., Pa.
Burrows Mfg. Co. ("Burrows"), York, Pa.
Chaplin-Fulton Mfg. Co. ("Vigilant"), 34 Penn av, Pittsburgh, Pa.
Defender Automatic Regulator Co., Howard bldg, St. Louis, Mo.
Edward Valve & Mfg. Co., East Chicago, Ind.
Elliott B. K. Co. ("Liberty"), 126 6th, Pittsburgh, Pa.
Erie Pump & Equipment Co. ("Copes" Boiler Feed), Erie, Pa.
Fogarty James H. ("Fogarty-Thoens"), 126 Liberty, New York
Ford Thos. P. Co., 407 Broome, New York
Foster Engineering Co. (Automatic), 109 Monroe, Newark, N. J.
Indiana Mach. Co., (Automatic First Break Feed Governors) Hagerston, Ind.
Kitts Mfg. Co. (Safety), Oswego, N. Y.
Lawler Water Feed & Damper Regulator Co., 55 W Houston, New York
See adv index at end of book
Locke Regulator Co., Salem, Mass.
McDonough Automatic Regulator Co. ("McDonough" Auxiliary & Safety), 716 Grand River, Detroit, Mich.
Northern Equipment Co. ("Copes" Boiler Feed), 111 W 11th, Erie, Pa.
Plant Engng. & Equipt. Co. Inc. ("M'Donough"), 192 B'way, New York
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
"S-C" Regulator Mfg. Co. ("S-C" Feed Water Regulators Continued), Fostoria, Ohio
Squires C. E. Co., 3934 Kelly av, Cleveland, O.
Steigert L. Co. (Automatic), Logan & Elder, Cincinnati, O.
Strong Carlisle & Hammond Co., 936 Frankfort av N W, Cleveland, Ohio
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Williams Gauge Co. ("Williams," Automatic Safety), 543 4th av, Pittsburgh, Pa.
Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.

Witt G. E. Co., 862 Howard, San Francisco, Cal.
Wright-Austin Co. ("Murray"), 315H Woodbridge, W., Detroit, Mich.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12326—*Regulators (Feeder Voltage)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

12327—Regulators (Flush Tank)

Modern Iron Works ("IXL" "M. I. W.") Quincy, Ill.

12328—Regulators (Fuel, Oil or Gas)

Chaplin-Fulton Mfg. Co. (Boiler Fuel), 34 Penn av, Pittsburgh, Pa.
Luther Mfg. Co., Olean, N. Y.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Wilgus Mfg. Co., 229 Boyd, Los Angeles, Cal.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12329-30—Regulators (Furnace)

BRISTOL CO. ("Bristol" Gas, Oil & Electric), Waterbury, Conn.
See adv index at end of book
Farquhar Furnace Co. ("Farquhar"), Wilmington, O.
Kees F. D. Mfg. Co. ("Kees," "Fuelsaver"), Beatrice, Neb.
Lawler Regulator Co., 55 W Houston, New York
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Puffer W. E. & Sons, 234 Water, New York
Quaker Mfg. Co. (Furnace Time Regulators, 140 N Dearborn, Chicago, Ill.
Ridgeway Furnace Co., 80 Beverly, Boston, Mass.
Riverside Mfg. Co., 162 Riverside av, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Rowe L. L., 74 Portland, Boston, Mass.
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Woodward Frank E. & Co. ("Fowler," Automatic Draft Regulator for Furnaces, Heaters, etc), 19 Friend, Boston, Mass.

12331—Regulators (Gas Burner)

Brand Chas. F., 16th & Jacob, Wheeling, W. Va
PECK & YOUNG MFG. CO., Station Bristol, Forestville, Conn.
See adv index at end of book

12332—Regulators (Gas Pressure)

Bacharach Herman, Pittsburgh, Pa.
Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Baylis Co. ("Colonial"), Bloomfield, N. J.
Bishop & Babcock Co. (Carbonic Acid) 1204 E. 55th, Cleveland, O.
Boyce Myron J., 1 Bethune, New York
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Bryant Heater & Mfg. Co. ("Bryant"), 952 E 72nd, Cleveland, O.
Chaplin-Fulton Mfg. Co. ("Fulton"), 34 Penn av, Pittsburgh, Pa.
Chowning Regulator Corp., Corning, N. Y.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Equitable Meter Co. ("Crawford" Sensitive), 424 1st av, Pittsburgh, Pa.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Foster Engineering Co., 109 Monroe, Newark, N. J.
Gilfillian F. C., Ebenezer, N. Y.
Hennebohle Frank, 31st S. Chicago av, South Chicago, Ill.
See adv index at end of book
Hugo Mfg. Co., Duluth, Minn.
Illinois Engineering Co. ("Eclipse"), W 21st & S Racine avs, Chicago, Ill.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Jacobson Machine Mfg. Co., Warren, Pa.
Luther Mfg. Co., Olean, N. Y.
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Milburn Alexander Co., 1428 W Baltimore, Md.
Mueller H. Mfg. Co., Decatur, Ill.
National Gas Governor Co., 56 W 45th, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Perfect Gas Controller & Fixture Co., 10550 Perfect av, Chicago, Ill.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Reynolds Gas Regulator Co. (Low Pressure for Natural Gas), Anderson, Ind.
Sprague Meter Co., Bridgeport, Conn.
Union Water Meter Co., Worcester, Mass.
Wright Geo. W., Lapel, Ind.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12333—*Regulators (Generator Voltage)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12334— Regulators (Heat)

See also Thermostats

American Thermostat Co. ("Marvel"), 226 Jelliff av, Newark, N. J.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Bartlett Bros. Co. ("Thermograph"), Cleveland, O.
Beers Bros., Rochester, N. Y.
BRISTOL CO. ("Bristol," Automatic High Temperature), Waterbury, Conn.
See adv index at end of book
Chicago Heat Regulator Co. ("Chicago"), 1801 Diversey Parkway, Chicago, Ill.
Dahl Mfg. Co. ("Dahl-Mo-Stat"), Minneapolis, Minn.
d'ESTE JULIAN CO ("Curtis" for Steam), 26 Canal, Boston, Mass.
See adv index at end of book
Electric Heat Regulator Co. ("Minneapolis"), 2753 4th av, S Minneapolis, Minn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Homan J. & E., 435 W B'way, New York
Jewell Mfg. Co., Auburn, N. Y.
Johnson Heat Regulating Co., 14 N 12th, St. Louis, Mo.
Johnson Service Co. ("Johnson" System of Temperature Regulation), 149 Michigan, Milwaukee, Wis.
Klipfel Mfg. Co. ("Swan"), 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co., 55 W Houston, New York
Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
Locke Elec. Mfg. Co., 8229 Blackstone, Chicago, Ill.
Locke Regulator Co. ("Locke's" Office Heating), Salem, Mass.
Mack Automatic Heat Regulator Co. (Automatic), 120 E Woodbridge, Detroit, Mich.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Minneapolis Heat Regulator Co. ("Minneapolis"), 2753 4th av S, Minneapolis, Minn.
National Regulator Co. (For Control of Dampers & Vlaves in a Heating Apparatus), 208 S Jefferson, Chicago, Ill.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Sarco Co. Inc., 8 Park pl, New York
Scientific Instrument Co. (Automatic), Marquette bldg., Detroit, Mich.
Taylor Instrument Cos. ("Tycos"), Rochester, N. Y.
Thermograde Valve Co., 247 Atlantic av, Boston, Mass.
Watts Regulator Co. ("Watts") Lawrence, Mass.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Woodward Frank E. & Co. ("Fowler" Automatic Draft Regulator), 19 Friend, Boston, Mass.

12335—Regulators (Hot Water)

D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
Electric Heat Regulator Co. ("Minneapolis"), 2753 4th av, S Minneapolis, Minn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Honeywell Heating Specialty Co., Wabash, Ind.
Johnson Service Co. ("Johnson"), 149 Michigan, Milwaukee, Wis.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Lawler Regulator Co., 55 W Houston, New York
Minneapolis Heat Regulator Co., 2753 4th av, South Minneapolis, Minn.
National Regulator Co. ("National" Hydraulic), 208 S Jefferson, Chicago, Ill.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Robertshaw Mfg. Co. (Tank), Youngwood, Pa.
Sarco Co. Inc., 8 Park pl, New York
Standard Regulator Co. ("Victor"), 282 South, Newark, N. J.
Watts Regulator Co. ("Watts") Lawrence, Mass.
Weld Geo. A. Co. ("Weld," for Hot Water Tanks & Feed Water Heaters, etc), 79 Milk, Boston, Mass.

12335a—Regulators (Humidity)

Carrier Engineering Corp., 39 Cortlandt, New York.
Fleisher W. L. & Co., Inc., 31 Union Sq., W., New York.
Johnson Service Co., 153 Michigan, Milwaukee, Wis.
Parks G. M. Co., Fitchburg, Mass.
Powers Regulator Co., 5 So Wabash av., Chicago, Ill.

12336—Regulators (Hydraulic)

Heller-Aller Co., Napoleon, O.
Hennebohle Frank, 31st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Johnson Service Co. ("Johnson" Thermostat), 149 Michigan, Milwaukee, Wis.
Locke Regulator Co., Salem, Mass.

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Waters Governor Co., 141 Milk, Boston, Mass.

12337—Regulators (Motor Speed)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Monitor Controller Co., 514 E. Lombard, Baltimore, Md.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wirt Co., 5221-7 Greene, Gtn., Phila., Pa.

12338— *Regulators (Oil)

Fess Rotary Oil Burner Inc., Automatic, For Oil Burners) 100 Boylston, Boston, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

12339—*Regulators (Organ, Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12340—Regulators (Oxy-Acetylene)

BASTIAN-BLESSING CO., 125 W Austin av, Chicago, Ill.
See adv index at end of book
Burdett Mfg. Co., 309 St. John's Court, Chicago, Ill.
Modern Engng. Co., 23rd & Walnut, St. Louis, Mo.
Tolman Mfg. Co. ("Tolman" Safety Automatic, 19 W 3rd, Boston, Mass.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

12341— Regulators (Power, for Looms)

Thompson Richard & Co. ("Thompson" Combination Damper & Pressure Regulator), 146H Liberty, New York
Tillotson Humidifier Co. ("Gilson"), 78 Fountain, Providence, R. I.

12342—Regulators (Pressure)

Acton John, 118 John, Brooklyn, N. Y.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American District Steam Co. (Steam), North Tonawanda, N. Y.
American Steam Gauge & Valve Mfg. Co. ("American Universal" Safety Pressure & Speed), 208 Camden, Boston, Mass.
BASTIAN-BLESSING CO., 125 W Austin av, Chicago, Ill.
See adv index at end of book
Belfield H. Co. (High & Low Pressure), 435 N Broad, Phila., Pa.
Boylston Steam Specialty Co. ("Boylston"), 116 W Illinois, Chicago, Ill.
Bridgeman Bros. Co., 131 S. 31, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
Carbic Mfg. Co., (High Pressure Oxygen) Duluth, Minn.
CASH A. W. CO., Decatur, Ill.
See adv index at end of book
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Chicago Automatic Switch Co. (also vacuum), 900 W. Lake, Chicago, Ill.
Cobb Electric Appliance Co. ("Ceaco" for Gas, Steam, Air & Refrigeration), Boston, 30, Mass.
Collins Mfg. Co. (Ltd.) ("Collins" Automatic Oil), 612 Chestnut, Phila., Pa.
CRANE CO. (For Steam, Air & Water), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
CUTLER-HAMMER MFG. CO. (Electrically Operated Pressure Regulators for Use in Connection with Motor Driven Pumps & Air Compressors), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
d'ESTE JULIAN CO. ("Curtis" Steam), 26 Canal, Boston, Mass.
See adv index at end of book
Dow Pump & Diesel Engine Co., 311 California, San Francisco, Cal.
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Foster Engineering Co. (For Air, Ammonia, Steam, Gas, Oil, etc), 109 Monroe, Newark, N. J.
Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Garrett W. D. & Co. (Steam & Water) 126 Liberty, New York
Gilchrist Geo. E. Co. ("The Boston"), 106 High, Boston, Mass.
Hall Mfg. Co. ("Atlas"), Harrison, N. J.
Hennebohle Frank (For Steam, Gas & Air, Hydraulic), 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Illinois Engineering Co., W 21st & S Racine aves, Chicago, Ill.
Janette Mfg. Co., 617 W Jackson blvd. Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller (Steam), 34 W 13th. New York
Kipp S. C. Jr. & Son, Ossining, N. Y.
Kitts Mfg. Co. (Steam Pressure), Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co., 55 W Houston, New York
Leslie Co. ("Leslie"), Lyndhurst, N. J.
Locke Regulator Co. ("New Era," Steam). Salem, Mass.
See adv index at end of book
Lummus Walter E. Co. (For Control of Pressure in Distilling Apparatus), 171 Milk, Boston, Mass.
Luther Mfg. Co., (gas only) Olean, N. Y.
Lytton Mfg. Corp. ("Lytton." for High & Low Pressure), Franklin, Va
Marsh Valve Co., Erie, Pa.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Mueller H. Mfg. Co. (Water, Steam, Gas, Air, etc), Decatur, Ill.
Nageldinger J. & Son, 407 E 91st, New York
Nason Fred W. Co., 39 Cortlandt New York
Nason Mfg. Co., 71 Fulton, New York
POWERS REGULATOR CO. (Air, Gas or Steam), 2773 Greenview av, Chicago, Ill.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Ross Valve Mfg. Co. ("Trojan" Air, Steam & Water), 9 Oakwood av, Troy, N. Y.
Scientific Instrument Co. (Automatic), Marquette bldg., Detroit, Mich.
Spencer Regulator Co. ("Spencer"), Salem, Mass.
Standard Regulator Co. ("Victor"), 282 South, Newark, N. J.
Strong Carlisle & Hammond Co., ("Strong"), 336 Frankfort av N W, Cleveland, O.
Sundh Electric Co. ("Sundh," for Control of Pressure in Tanks, Reservoirs, etc. by Motor Driven Apparatus), Av C & Parkhurst, Newark, N. J.
Tagliabue Chas. J. Mfg. Co. (Automatic), 18 23d, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Thompson Richard & Co. ("Thompson" Combination Damper & Pressure Regulator), 126 Liberty, New York
Trask Heating Co., 4 Merrimac, Boston, Mass.
Try-Me Mfg. Co. (Water, Air & Gas), Westfield, Mass.
Union Water Meter Co., Worcester, Mass.
Waters Governor Co., 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson" for Steam Water & Gas), 146 N 7th, Philadelphia, Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Ziermore Regulator Co. ("Ziermore" Pressure Controlling), Johnsonburg, Pa.

12343—Regulators (Pressure, for Cane Mills)

Buchel Machine Works, New Orleans, La.

Regulators (Pump)

See Governors, Pump

12343a—*Regulators (Pulp Load)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

12344—Regulators (Rheostat)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Ward Leonard Electric Co., Mt Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12345-6—Regulators (Slasher)

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Locke Regulator Co., Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.

Regulators (Speed)

See Controllers, Various Kinds; also Indicators, Various Kinds

Regulators (Steam Engine)

See Governors, Steam Engine

12347—Regulators (Steam Heat, for Train Service)

Foster Engineering Co., 109 Monroe, Newark, N. J.
Locke Regulator Co., Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.

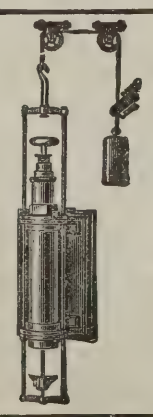
Regulators (Tank, Hot Water)

See Regulators, Hot Water

12348—Regulators (Temperature)

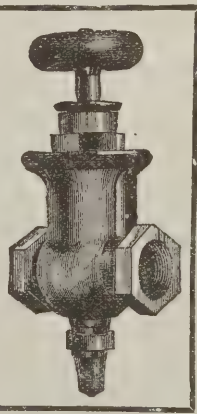
See also Regulators, Heat

American Radiator Co. ("Arco"), 820 S Michigan av, Chicago, Ill.
American Thermostat Co., 226 Jelliff av, Newark, N. J.
Beers Bros., Thermostat Co., Rochester, N. Y.
Chapman Steam Specialty Co., Canton, Ohio
Chicago Temperature Regulator Co., 215 W Illinois, Chicago, Ill
Cobb Electric Appliance Co. ("Ceaco"), Boston, 30, Mass.
Elec. Automatic Appliance Co., 1749 Arapahoe, Denver, Colo.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book



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Improved Pump Regulator
Water Pressure Regulator
Steering Engine Regulator
Expansion Trap
Return Steam Trap
Balanced Steam Trap
Relief Valve for Steam and Water
Damper Regulator
Balanced Valves
Temperature Regulator
Pump Governor and Pump
Blower Valve
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Gold Car Htg. & Ltg. Co., 17 Battery Pl, New York
Honeywell Htg. Specialties Co., Wabash, Ind.
Jewell Mfg. Co., Auburn, N. Y.
Minneapolis Heat Regulator Co., 2753 4th av, Minneapolis, Minn.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Railway Utility Co., 151 W 22nd, Chicago, Ill.
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Sarco Co. Inc., 8 Park pl, New York
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Taylor Instrument Companies, Rochester, N. Y.
Thermo Elec. Regulator Co., 151 W. 22d, Chicago, Ill.
Vapor Regulator Co., 3203 Columbia av, Phila, Pa.
Wolverine Temperature Regulator Co., Marshall, Mich.
Yoder Thos. Mfg. Co., Engineers bldg, Cleveland, O.
N. Y.

12349—Regulators (Voltage)

Aske Automatic Voltage Regulator Co., Duluth, Minn.
Cumberland Elec. Mfg. Co., Memphis, Tenn.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Portland Co. ("W. U. C.") Portland, Me.
Watson Thos. S. Co., 537 Hartford, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12350— Regulators (Water)

Am. Radiator Co. ("Syphon," "Ideal Syphon"), 816 Michigan av, Chicago, Ill.
Cash A. W. Co. (Ammonia Controlled), Decatur, Ill.
See adv index at end of book
Hennebohle Frank (Also Steam, Gas & Air), 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
Merritt Hydraulics Co. ("Merritt-Moise," for Flushtanks for Sewers), 110 N Broad, Phila., Pa.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.

12351—Regulators (Water Pressure)

Atwood & Morrill ("X X Century"), 48 Loring av, Salem, Mass.; & New York
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Chapin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
d'ESTE JULIAN CO. ("Curtis"), 26 Canal, **Boston, Mass.**
See adv index at end of book
Ford Thos. P. Co., 407 Broome, New York
Foster Engineering Co., 109 Monroe, Newark, N. J.
Garrett W. D. & Co., 126 Liberty, New York
Haydenville Co., Haydenville, Mass.
Kieley & Mueller, 34 W 13th, New York
Locke Regulator Co. ("New Era"), Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Mueller H. Mfg. Co., Decatur, Ill.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Ross Valve Mfg. Co., 9 Oakwood av, Troy, **N. Y.**
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Union Water Meter Co., Worcester, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

Regulators (Water Wheel)

See Governors, Water Wheel

12352—Regulators (Windmill)

Aermotor Co., 2500 West 12th, Chicago, Ill.
Althouse-Wheeler Co., Waupun, Wis.
Baker Mfg. Co. ("Baker"), Evansville, Wis
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
Chicago Hardware Foundry Co., 546 W Washington, N Chicago
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Iowa
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Heller, Adler & Co. (Hydraulic), Napoleon, Ohio
Hunt, Helm, Ferris & Co. ("Star" & "Champion"), Harvard, Ill.
Kelly Foundry & Machine Co., Goshen, Ind.
Myers F. E. & Bro., (Myers) 900 Fourth, Ashland, O. *See adv index at end of book*
Red Jacket Mfg. Co., Davenport, Ia.
Stover Mfg. & Engine Co., Freeport, Ill.
Walker Mfg. Co. ("Acme"), Council Bluffs, Iowa
Woodmanse Mfg. Co., Freeport, Ill.

12353—Regulators (Window)

Perfect Window Regulator Co. ("Perfect" for Autos, Carriages, Motor Boats, etc), 20 Exchange pl, New York

12354-5— Reheaters (Air)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Sterling Equipment Co. ("Sterling" Portable Oil Burning), 139 N Clark, Chicago, Ill.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Improved), W Carteret, N. J.
See adv index at end of book

Reinforcement (Concrete)

See Concrete Reinforcing Bars, Iron & Steel; also Concrete Reinforcing Materials

12356—Relays for Electrical Contact

Cobb Electric Appliance Co. ("Ceaco"), Boston, 30, Mass.
Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
Consolidated Car Heating Co., Albany, N.Y.
General Railway Signal Co., Rochester, N. Y.
Klaxon Co. (Klaxon), 194 Wright, Newark, N. J.
Sangamo Electric Co., Springfield, Ill.
Schweitzer & Conrad, Inc. (Protective), 4431 Ravenswood av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

12357— *Relays (Magnetic)

HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Klaxon Co., 194 Wright, Newark, N. J.

12358— Releasers (Curtain)

Railway & Traction Supply Co. ("Wyoming" Automatic), 79 W Monroe, Chicago, Ill.

12359—Reliners (Automobile)

Hampton Mfg. Co. ("Kant Blo"), Indianapolis, Ind.
Keystone Rubber Mfg. Co., Erie, Pa.
K. & W. Rubber Co., Ashland, O.
Polson W. J. Co. ("W. J. Polsons"), 18th & Indiana av, Kansas City, Mo.

12360— *Reloaders (Coal)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*

12361— Remelters (Soap)

Houchin-Aiken Co., 113 53d, B'klyn, N. Y.

12362-3-4—Reminders (Household

Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.

Removers (Crown Seal)

See Openers, Bottle

12365—Renovators (Feather)

Bushnell Tank Works, Bushnell, Ill.

12366—*Repairs (Electrical Machinery)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12367— Replacers (Car)

Aldon Co. ("Aldon" Car & Locomotive), 3338 W Ravenswood av, Chicago, Ill.
Alexander Car Replacer Mfg. Co., Scranton, Pa.
Buda Co, ("Buda"), Railway Exchange bldg, Chicago, Ill.
Fox Bros. & Co., 126 Lafayette, New York.
Johnson Wrecking Frog Co., Cleveland, O.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Q. & C. Co., 90 West, New York
Reading Specialties Co., Reading, Pa.
Sargent Co. ("Sargent Berailer"), 625 W Jackson blvd, Chicago, Ill.
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Track Equipment Co., Huntington, W. Va.

12368-9—Replacers (Incandescent Lamp)

Gaynor Elec. Bulb Manipulator Co., 24 Wooster, New York
Latham E. B. & Co., 4 Murray, New York
McGILL MFG. CO. ("Adaptable" Incandescent), 77 Oak, Valparaiso, Ind.
See adv index at end of book
MORSE FRANK W. ("Handy"), 289 Congress, Boston, Mass.
See adv index at end of book

12370—Re-Railer (Mine Car)

American Mine Door Co., Canton, O.

12370a— Research Apparatus

American Radio & Research Corp. ("Twin R"), 21 Park Row, New York
HOLZ & CO. INC., 18 Madison av, New York. *See adv index at end of book*

12371—*Reservoirs (Air Brake, Etc.)

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

12372—*Reservoirs (Air & Storage)

CHICAGO BRIDGE & IRON WORKS (Air), 2103 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

12373— Reservoirs (Stove)

Indiana Hollow Ware Co. (Enameled Iron), Jeffersonville, Ind.

12373a— Resins (Oleo)

Bush W. J. & Co., 100 William, New York
Chiris Antoinine Co., 20 Platt, New York.
National Aniline & Chemical Co., 21 Burling Slip, New York

12374— *Resistance Blocks

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12375— Resistance Grids

Columbia Machine Works & Malleable Iron Co. (Complete for 2 or 3 Motor Equipment—Repair Parts for all Types), Atlantic av & Chestnut, Phila., Pa.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12376—*Resistance Rods & Carbons

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE AIR BRAKE CO., East Pittsburgh, Pa.
See adv index at end of book

12377— Resistance Units

Allen-Bradley Co. ("Allen-Bradley") 286 Greenfield av., Milwaukee, Wis.
Brach L. S. Supply Co., 129 Sussex av., Newark, N. J.
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dover Mfg. Co., Dover, O.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co. ("I. C."), 890 Greenbush, Milwaukee, Wis.
Nichols-Lintern Co., 8404 Lorain av, Cleveland, O.
Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
Railway & Industrial Engineering Co., Peoples Bk Bldg., Pittsburgh, Pa.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wirt Co. ("Di-El-Ite"), Germantown Phila., Pa.

12378— Resistors (Carbon)

National Carbon Co., Madison av, N W & N 117th, Cleveland, O.
Republican Carbon Co. (Granular) Niagara Falls, N. Y.

12379—Resistors (Standard)

Consolidated Car Heating Co., Dept. H, Albany, N. Y.
CUTLER-HAMMER MFG. CO., (Arc Lamp), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Industrial Controller Co. ("I. C."), 890 Greenbush, Milwaukee, Wis.
Queen-Gray Co., 64-70H W Johnson, Phila, Pa.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book
Wirt Co. ("Di-el-ite"), 5221-7 Greene, Gtn., Phila., Pa.

12379a— Resorcinol

American Synthetic Color Co., Stamford, Conn.
Mallinckrodt Chem. Wks., 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York

12380— Respirators

See also Helmets, Smoke & Ammonia
American Atmos Corp., Wilkinsburg Station, Pittsburgh, Pa.
AMERICAN LA FRANCE FIRE ENGINE CO. INC., Elmira, N. Y.
American Thermo-Ware Co. (Of Rubber Metal), 16 Warren, New York
Barnard Machinery Co. (Automatic), Enterprise, Kan.
Chicago Eye Shield Co. ("Chicago," "Spencerian"), 2300 Warren av, Chicago, Ill.
General Scientific Equip. Co., Inc., North Phila., Pa.
Goodrich B. F. Co. (Rubber), Akron, O.
Hayward S. F. & Co. ("Westfalia" Automatic), 250 W 54th, New York
Improved Aluminum Gasco Protector Co. ("Gasco" Safety Devices for Gas, Smoke, Ammonia, etc), 1103 North av, Waukegan, Ill.
Johnson, A. W. V., Merchants Exchange bldg, San Francisco, Cal.
Life Saving Devices Co. ("Lungmotor" Mechanical), 710 W Madison, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Multi Metal Separating Screen Co. ("Pulmosan"), 251 W 19th, New York
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Schwenker W. M., 342 E 92d, New York
Siebe Gorman & Co. Ltd. (Selt-Contained Oxygen Breathing Apparatus), Monadnock bldg, Chicago, Ill.
Soderling Walter, Inc. ("Dustite"), 347 West Broadway, New York

12381-2— Rests (Bow)

Backstay Machine & Leather Co., Union City, Ind.
Cowles C. & Co., New Haven, Conn.
Detroit Socket Co., 834 Jefferson, Detroit, Mich.
Eberhard Mfg. Co., C. & P. Ry. & Tennyson rd, Cleveland, O.
Essex Brass Foundry Co, Cambridge, Mass.
Gilliam Co., Canton, O.
Highton Wm. & Sons Co., Nashua, N. H.
Jonah & George, Merrimac, Mass.
Keeler Brass Co., Grand Rapids, Mich.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Perkins-Campbell Co., 622 B'way, Cincinnati, O.
Smith Jos. N. & Co., 2461 E Grand blvd, Detroit, Mich.
Thomson Mfg. Co. ("Bow Hold Fast"), Watertown, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Woodruff Walter W. & Sons Co. Mt. Carmel, Conn.

12383— Rests (Pipe)

Grabler Mfg. Co., Cleveland, O.
Modern Iron Works(Soil Pipe), Quincy, Ill.
Oberle J. F., 238 E 42nd, New York

12384—Rests (Violin Chin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12385— Retainers (Ball)

Bearings Company of America ("Star") Thrust, Magneto, Radial, Cup & Cone) Lancaster, Pa.
Bossert Corp. (The), cor. Linden & West av, Utica, N. Y.
Crosby Co., 133 Pratt, Buffalo, N. Y.
Hill-Smith Metal Goods Co. ("H. S." for Automobiles), 82 Brookline av, Boston, Mass.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
New England Pressed Steel Co., Natick, Mass.
Nice Ball Bearing Co., 2925 Hunting Park av, Nicetown, Phila., Pa.
Phila. Storage Battery Co. (Slotted Rubber), Ontario & C, Phila., Pa.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

12385a—*Retainers for Veneers (Patented)

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill.

12386—Retarders (Railroad Car)

Fairmont Mining Machy. Co., Fairmont, W. Va.

12387— Retorts (Cannery)

Baker Iron Wks., Los Angeles, Cal.
Seattle-Astoria Iron Works, Seattle, Wash.
Universal Engineering Co. ("Dundon's," Adapted for Fish, Meat, Fruit & Vegetables), 462 Fillmore, San Francisco, Cal.
Vance & Baker Mfg. Co. (for Fish, Cereals, Fruits, Vegetables, etc), Muscatine, Ia.

12388— Retorts (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
DAVIS & THOMAS CO., Catasaqua, Pa.
Duisdieker Fdry. & Mfg. Co. (For Glucose), Pekin, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Philadelphia Roll & Machine Co. (Steel & Iron), 25th & Washington av, Phila., Pa.
Sperry D. R. & Co., Batavia, Ill.

12389— Retorts (Chemical)

Bay State Crucible Co., Taunton, Mass.
Bethlehem Fdry. & Mach. Co., S Bethlehem, Pa.
Bridgeport Crucible Co. (Clay Lined Graphite), Bridgeport, Conn.
Devine J. P. Co., Buffalo, N. Y.
Finch Mfg. Co., Scranton, Pa.
Foreign Crucibles Corp., Ltd. (Importers), (Graphite for Zinc), Church & Fulton, New York *See adv index at end of book*
Fulton Fdry. Co., 1209 Marquette av, Cleveland, O.
General Ceramics Co. (Stoneware), 50 Church, New York
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
Laclede-Christy Clay Prod. Co., Railway Ex. bldg, St. Louis, Mo.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Struthers-Wells Co., Warren, Pa.
Stuart & Peterson Co. (Cast Iron), Burlington, N. J.
Thermal Syndicate, Ltd. (Fused Silica), 59 E 41st, New York
United States Stoneware Co. (Glazed Stoneware), Akron, Ohio

12390— Retorts (Gas)

American Refractories Co. (Silica), Union Arcade bldg, Pittsburgh, Pa.
Baltimore Retort & Fire Brick Co., cor. Nicholson, Baltimore, Md.
Borgner Cyrus Co., 234 N 23d, Philadelphia, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chicago Retort & Fire Brick Co., Ottawa, Chicago, Ill.
Didier-March Co. (Glover-West Vertical System, also Horizontal & Inclined Types, Water Gas Linings & Checkers), Perth Amboy, N. J.
Gardner Jas. Jr. Co., Lockport Station, Pa.
Gas Machinery Co., 1900 Euclid av, Cleveland, O
Gautier J. H. & Co. (Clay), 1 Greene, Jersey City, N. J.
Harbison-Walker Refractories Co. ("H. W. Ricon," High Silica for Coal Gas Benches & Water Gas Plants, etc); Also Fire Clay Shapes for Regenerators, Fixers, Carburetors & Checkers), Farmers' Bank bldg, Pittsburgh, Pa.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
Laclede-Christy Clay Prod. Co., Manchester & Sulphur avs, St. Louis, Mo.
Louisville Fire Brick Works, Highland Park, Louisville, Ky.
Missouri Fire Brick Co. (Fire Clay & Silica), Security bldg, St. Louis, Mo.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Phila. Fire Brick Works, 2306 Vine, Phila., Pa.

12390a—*Retorts (Gold and Silver Melting)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

12390b—Retorts (Nitric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
General Ceramics Co., H Hudson Terminal bldg, New York
Stevens Bros., 149 B'way, New York
Superior Fdry. Co., Dept. H, E 71st & W. & L. E. Ry., Cleveland, Ohio.

12391— Retorts (Platinum)

Bishop J. & Co., Malvern, Pa.

12392—Retorts (Turpentine)

Lummus Walter E. Co., 171 Milk, Boston, Mass.
Struthers-Wells Co. (Also Wood & Alcohol), Warren, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

12393—Retorts (Wood Bending)

IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Perfection Wood-Steaming Retort Co., Parkersburg, W. Va.

12394— Revolver Mfrs.

Ames Sword Co. ("Protector"), Chicopee, Mass.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Davis-Warner Arms Co., 96 Chambers, New York
Harrington & Richardson Arms Co. ("H. & R." Self-Loading, Automatic), Worcester, Mass.
Hopkins & Allen Arms Co. ("H. & A."), (Br. of Marlin-Rockwell Corp.), Norwich, Conn.
Johnson's Iver Arms & Cycle Works ("Iver Johnson," "Hammer the Hammer"), Fitchburg, Mass.
Savage Arms Corp., Utica, N. Y.
Sedgley R. F. ("Baby" Hammerless), 2311 N 16th, Phila., Pa.
Smith Otis A., Rockfall, Conn.
Smith & Wesson, Springfield, Mass.

12395— Rheostats

Allen-Bradley Co. ("Allen-Bradley" Motor, Starting Speed Regulator, Battery, Charges, Lamp Dimmers, Field & Laboratory Rheostats, etc), 495 Clinton, Milwaukee, Wis.
Atlas Powder Co., Wilmington, Del.
Automatic Switch Co., 4 White, New York
Bennett-O'Connell Co., 3600 So. Morgan, Chicago, Ill.
Biddle Jas. C., 1211 Arch, Phila., Pa.
Campbell Elec. Co., 17 Stewart, Lynn, Mass.
Crown Rheostat & Supply Co., 15 S Desplaines, Chicago, Ill.
Cushman Electric Co. (Compound Starting & Regulating), Concord, N. H.
CUTLER-HAMMER MFG. CO. (For all Purposes), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Darrin D. H. ("The Whittingham"), 4 White, New York
D. & D. Elec. Co., 53 W 3rd, New York
Detroit Fuse & Mfg. Co. (Motor Starting), 1400 Rivard, Detroit, Mich.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept. Explosives Div.), (Blasting Machine Testers), Wilmington, Del.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO. (for Generators, Motors & Projectors), Schenectady, N. Y.
See adv index at end of book
Giant Powder Co., Cons. San Francisco, Cal.
Hercules Powder Co. ("Hercules" Blasting Machines), Wilmington, Del.
Industrial Controller Co. ("I. C.," Motor Starting, etc.), 890 Greenbush, Milwaukee, Wis.
International Instrument Co. (Water), 23 Church, Cambridge, Mass.
Jewell Elec. Co., Munsey Bldg., Baltimore, Md.
Knoeller Electric Co., De Pere, Wis.
Knott L. E. Apparatus Co. (Lamp Resistance with Units, also Plug Resistance Boxes), 79 Amherst, Cambridge, Mass.
Leonard-Bundy Electric Co., 433 Champlain av, Cleveland, O.
Lincoln Electric Co., Cleveland, O.
Lockport Chemical Works (Crown), Lockport, Ill.
Monitor Controller Co. (Automatic Motor Starting), 514 E Lombard, Baltimore, Md.
National Electric Controller Co. ("National"), 154 Whiting, Chicago, Ill.
Northern Eng'ng Works, 120 Liberty, New York
Rowan Controller Co., 308 N Holliday, Baltimore, Md.
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
Taigman M., 462 W Broadway, New York
Troy Electrical Co., Troy, N. Y.
Union Elec. Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Valley Electric Co., 3157H S Kingshighway, St. Louis, Mo.
Vesta Accumulator Co. ("Vesta," Charging for Automobiles, etc.), 2100 Indiana av, Chicago, Ill.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12396—Rheostats (Battery Charging)

Allen-Bradley Co. ("Allen-Bradley"), 286 Greenfield av, Milwaukee, Wis.
CUTLER-HAMMER MFG. CO., 12th & St. St. Paul av, Milwaukee, Wis.
See adv index at end of book
Electric Products Co. ("Wotton"), Clarkstone rd, Cleveland, Ohio
Enterprise Optical Mfg. Co. (For Moving Pictures), 564 W Randolph, Chicago, Ill.
Fairbanks-Morse Electrical Mfg. Co., Indianapolis, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallberg J. H. (Economizer for Moving Pictures), 1604 B'way, New York

RHEOSTATS (BATTERY CHARGING) —continued

Leonard-Bundy Electric Co., 433 Champlain av, Cleveland, O.
Marcuson E. ("Withan"), 70 Cortland, New York
Union Elec. Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co., Mount Vernon, N. Y.
Westburg Engng. Co., 53 W Jackson blvd, Chicago, Ill.
Western Electric Co., 463 West, New York
Western Electro Mechanical Co., Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12397— Rheostats (Field)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
National Electric Controller Co. ("National"), 154H Whiting, Chicago, Ill.
Union Elec. Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co. (Generator), Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

12398—*Rheostats (Meter Testing)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12399—Rheostats (Motor Charging, Starting & Speed Controlling)

See also Rheostats

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
Allis-Chalmers Mfg. Co. (Auto-Starters), Milwaukee, Wis.
Automatic Switch Co. ("Wittingham"), 4 White, New York
Barkelew Electric Mfg. Co., Middletown, Ohio
CUTLER-HAMMER MFG. CO. ("Schureman"), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Lincoln Electric Co., Cleveland, O.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
New York Electric Controller Co., 35 Rose, New York
Reno-Kaetker Electric Co. ("Reliance"), 701 Gerke bldg, Cincinnati, O.
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.
Triumph Electric Co., Oakley, Cincinnati, Ohio
Union Elec. Mfg. Co. ("Uemco"), 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co., Mount Vernon, N. Y.
Westburg Engng. Co., 53 W Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12400—Rheostats (Stage Dimming)

Allen-Bradley Co., 495 Clinton, Milwaukee, Wis.
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
Ward Leonard Electric Co., Mt. Vernon, N. Y.
Westburg Engng. Co. (Inc.), 53 W Jackson blvd, Chicago, Ill.
Wirt Co., Germantown, Phila., Pa.

12401— Rhodium

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co., Platinum Works, Malvern, Pa.
Foote Mineral Co., Inc., Phila., Pa.

12402—Ribbon Cutting Machines

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

12402a—Ribbon (Resistance Nickel & Nickel Alloy)

Electrical Alloy Co. ("Lucero"), Morristown, N. J.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.

12403— Ribbon (Sash)

Caldwell Mfg. Co. ("Acme" Aluminum, Brass, Bronze & Steel), Rochester, N. Y.
Gardner Sash Pulley Co. ("Gardner's" Steel), 15 N Jeff., Chicago, Ill.

12404-5— Rice Mills

ARKANSAS.

CARLISLE—Carlisle Rice Mill Co.
DE WITT—De Witt Rice Mill Co.
LONOKE—Lonoke Rice Mill Co.
STUTTGART—Stuttgart Rice Mill Co.

CALIFORNIA.

SAN FRANCISCO—North American Mercantile Co., 330 Front

LOUISIANA.

ABBEVILLE—Steen Rice & Cotton Mill Co.
United Irrigation & Rice Milling Co. (See New Orleans)
CROWLEY—American Rice Milling Co.
Louisiana State Rice Milling Co.
Standard Milling Co. (See Houston, Tex.)
ESTERWOOD—United Irrigation & Rice Milling Co. (See New Orleans, La.)
GUEYDAM—United Irrigation & Rice Milling Co. (See New Orleans, La.)
IOTA—La. State Rice Milling Co. (See New Orleans, La.)
LAKE ARTHUR—La. State Rice Milling Co. (See New Orleans, La.)
LAKE CHARLES—Lake Charles Rice Milling Co. (of Louisiana)
Wall Rice Packing Co. Ltd. (See New Orleans, La.)
NEW ORLEANS—Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas
Levy Rice Milling Co., 443 Julia
La. State Rice Milling Co., Montegut & Chartress. Works: Lake Arthur, La.
Rickert's Rice Mills, 210 Girod
Socola Rice Milling Co., 600 Decatur
Southern Rice Milling Co., 325 N. Peters
United Irrigation & Rice Milling Co.
Wall Rice Packing Co. (Ltd.)

OREGON.

PORTLAND—Portland Rice Milling Co.

SOUTH CAROLINA.

CHARLESTON—West Point Mill Co.

TENNESSEE.

MEMPHIS—Memphis Rice Mill

TEXAS.

BAY CITY—Bay City Rice Milling Co.
BEAUMONT—Atlantic Rice Mills Co.
Beaumont Rice Mills
McFaddin Rice Milling Co.
EAGLE LAKE—International Rice Mills Co.
GALVESTON—Seaboard Rice Milling Co.
HOUSTON—Industrial Rice Mill Co.
Pritchard Rice Milling Co.
Texas State Rice Milling Co.
ORANGE—Orange Rice Mill Co.

12406—Rice Shoes (Brewers')

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Rickerts (Hay)

See Rakes, Sweep, etc

12407— Riddles (Foundry)

See also Riddles & Sieves

Berkshire Mfg. Co. ("Berkshire" Rotary), Whitney Power bldg, Cleveland, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Champion Foundry & Machine Co., ("Champion" Electric Sand), 2419 W 14th, Chicago, Ill.
Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Western Mfg. Co. ("Combs" Gyratory), Leavenworth, Kans.
Hall-Holmes Mfg. Co. ("Grand"), Jackson, Mich.
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J.
See adv index at end of book
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
TYLER W. S. CO., Cleveland O.
See adv index at end of book
Waterbury Welding Co. ("A I C"), Waterbury, Conn.
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.
Worthington Pump & Machinery Corp. (Steam, Pneumatic or Electric), 115 B'way, New York
See adv index at end of book

12408— Riddles (Miners')

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Ludlow-Sayler Wire Co. (Coal), 913H Pine, St. Louis, Mo.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

12409— Riddles & Sieves

Brand S. H. Co. (Nickel Plate), 559 W Lake, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Darby Edward & Sons Co., 412 N 18th, Phila., Pa.
Dufur & Co., 311 N Howard, Baltimore, Md.
ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book
Estey Wire Works Co., 34 Cliff, New York
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton, New York
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Ludlow-Saylor Wire Co. (Wire Riddles), 913H Pine, St. Louis, Mo.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
Osborn Mfg. Co., 5401 E Hamilton, Cleveland, Ohio
Phoenix Wire Works, Kirby & Dequindre, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Tessmer Mach. & Tool Co. (Sand Electric), 1425 Rivard, Detroit, Mich.
Tristram Jas. J., Rockville Centre, N. Y.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Excelsior" Steel, Brass, etc), Worcester, Mass.
See adv index at end of book

12410—Ridge Roll (Plain or Corrugated)

Berger Mfg. Co. (Also Ornamental), Canton, O.
Brier Hill Steel Co., Youngstown, O.
Canton Art Metal Co., Canton, O.
Conner Chas. H. & Co., Louisville, Ky.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Florida Metal Products Co., Jacksonville, Fla.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Kanneberg Roofing & Ceiling Co., Canton, O.
Klauer Mfg. Co. Dubuque, Ia.
Lupton's David Sons Co., Allegheny av & Tulip, Phila., Pa.
Lyon, Conklin & Co. (Plain), 19 Balderston, Baltimore, Md.
Messenger Parks Mfg. Co., Aurora, Ill.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Ohio Corrugating Co., Warren, O.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co., Wheeling, W. Va.
York Corrugating Co., York, Pa.

12411—Ridgers (Asparagus)

Bateman Mfg. Co. ("Iron Age" Riding), Grenloch, N. J.

12412— Rifflers

See Also File & Rasp Mfrs.

Disston Henry & Sons, Tacony, Phila., Pa.
Dixon Wm. (Imp.), 39 John, New York
Montgomery & Co. ("Grobet," Imp.), 105 Fulton, New York

12413— Rifles (Air)

Benjamin Air Rifle Mfg. Co. ("Benjamin"), 613 N B'way, St. Louis, Mo.
Daisy Mfg. Co. ("Daisy"), Plymouth, Mich.
Kohler Die & Specialty Co., De Kalb, Ill.
Markham Air Rifle Co., Plymouth, Mich.
QUACKENBUSH H. M., Herkimer, N. Y.

12413a—Rifles (Automatic Toy)

EDWARDS MFG. CO. (Repeating Paper Cap), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Rockaway Mfg. Co. ("Scout" Repeating Paper Cap), 421-41 Culvert, Cincinnati, O. *See adv index at end of book*

12413b— Rifles (Dummy)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12414— Rifles, Guns, Etc.

Ames Sword Co. ("Protector" Revolvers), Chicopee, Mass.
Baker Gun & Forging Co., Batavia, N. Y.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Butler Mfg. Co., Indianapolis, Ind.
Colt's Patent Fire Arms Mfg. Co. (Automatic Pistols, Rapid Fire Machine Guns & "Bene-Mereier" Rifles), Hartford, Conn.
Crescent Fire Arms Co. (Single & Double Barrel Shot Guns), Norwich, Conn.
Davis-Warner Arms Co. ("Davis" Shot Guns), 96 Chambers, New York
Detroit Auto Piston Co., 285 W Baltimore, Detroit, Mich.
Driggs Ordnance & Mfg. Corp. (Rapid Fire Machine Guns), New Haven, Conn.
Folsom H. & D. Arms Co. (Shot Guns, Rifles, etc), 314 B'way, New York
Fox A. H. Gun Co. ("Fox Proof" Guns), 4700 N 18th, Phila., Pa.
General Ordnance Co. (Aeroplane), Derby, Conn.
Hamilton C. J. & Son (22 Powder Guns), Plymouth, Mich.
Harrington & Richardson Arms Co. (Guns & Pistols), Worcester, Mass.
Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.) (Revolvers, Rifles & Shot Guns), Norwich, Conn.
Hunter Arms Co. ("L. C. Smith" "Smith," "Fulton" Shot Guns, Hammerless & Hammer Breech Loading Guns), Fulton, New York
Ithaca Gun Co. ("Ithaca" Hammer & Hammerless Double Shot Guns), Ithaca, N. Y.
Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
Marble Arms & Mfg. Co. ("Marble's" Game Getter), Gladstone, Mich.
New England Westinghouse Co., Chicopee, Mass.
Parker Bros. ("Parker" Shot Guns), Meriden, Conn.
Remington Arms Co., 233 B'way, New York
Savage Arms Corp. (Also Mfgs. "Lewis" Machine Guns & "Savage" Automatic Pistol), Utica, N. Y.
Sedgley R. F., 2311 N 16th, Phila, Pa.
Stevens J. Arms Co. (Rifles, Pistols, Shot Guns, etc.), Chicopee Falls, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12415— Rifles (Scythe)

Emmons E. G., West Morris, Conn.

12416—Rig Irons (Oil & Gas Well)

Chrisman Foundry Co., Morgantown, W. Va.
Herron R. H. Co., 934 N Almeda, Los Angeles, Cal.
LUCEY MFG. CORP., 233 B'way, New York
For branch offices see Alphabetical Section
National Supply Co., Union Bank bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parkersburg Rig & Reel Co., Parkersburg, W. Va.
Union Tool Co. ("Ideal," "Standard"), Torrance, Cal.

12416a— Rigging (Ship)

American Steel & Wire Co., 208 So La Salle, Chicago, Ill.
See adv index at end of book
Crook H. E. Co., 28 Light, Baltimore, Md.
Durable Wire Rope Co., 93 Pearl, Boston, Mass.
Duval Iron Works, Jacksonville, Fla.
Goss J. C. Co. (Yachts), 16 E Woodbridge, Detroit, Mich.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Roebling's John A. Sons Co. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

12417— Rims (Automobile)

American Tube & Stamping Co. (Cylinder, etc), Bridgeport, Conn.
Crozier R. J. Co., North Amer. bldg, Phila., Pa.
Dahl Punctureless Tire Co. (Tire Rims, etc), 1424 Hennepin av, Minneapolis, Minn.
Dorian Remountable Rim Co. (Remountable), 223 W 53d, New York
Eberly & Orris Mfg. Co. Mechanicsburg, Pa.
Eureka Bending & Wheel Works, York, Pa.
Firestone Steel Products Co., South Akron, Ohio.
Firestone Tire & Rubber Co. ("Firestone" Automobile Truck), Akron, O.
General Rim Co., St. Mary's, Pa.
Graham Thos. & Co. (Hickory & Oak), Madison, Ind.
Hinkel J. K. Mfg. Co., Mechanicsburg, Pa.
Hoyt John Co. (Wood), Delaware, N. J.
K. & C. Mfg. Co. (Wood), Henniker, N. H.
Kirke & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Lebzelter P. & Son Co. (Hickory, Oak & Ash), Lancaster, Pa.
Michelin Tire Co., Milltown, N. J.
Minton T. W. & Son, Barbourville, Ky.
Mott Wheel Works, Jackson, Mich.
Mull Woodwork Co., Sidney, O.
Presto Inner Rim Co., 320 Newberry, Boston, Mass.
Smith Erwin & Co., York, Pa.
Standard Parts Co. (Plain Clincher, Straight Side Detachable & Demountable), Cleveland, O.
Weston-Mott Co., Flint, Mich.
Williams Steel Wheel & Rim Co., Utica, N. Y.

12418—Rims (Bicycle & Motor Cycle)

American Wood Rim Co. ("Lobdell" Wood Rim), Onaway, Mich.
Mott Wheel Works, Jackson, Mich.
Mull Woodwork Co., Sidney, O.
Standard Parts Co. (Steel), Cleveland, O.
Williams Steel Wheel & Rim Co., Utica, N. Y.

12419— Rims (Mirror)

National Sheet Metal Co. ("Nicolene"), Peru, Ill.

12420— Rims (Motor Truck)

Mansfield Steel Corp., 288 E Milwaukee av, Detroit, Mich.

12421—Rims (Sieve & Riddle)

Beverstock O. D. Co., Keene, N. H.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Michigan Bent Rim & Basket Mfg. Co., Lowell, Mich.

12422— Rims (Wood)

For Bicycles, Motor Cycles, Aeroplanes, etc
American Wood Rim Co., Onaway, Mich.
Detroit Auto Dash Co., 455 E Phila, Detroit, Mich.
LA PIERRE H. M. ("DUDIE") CO., 1314 W 21st, Chicago, Ill.
Mull Woodwork Co., Sidney, O.
Rastetter Louis & Sons (Bicycle & Auto Steering Wheels), Ft. Wayne, Ind.

12423—Rims & Felloes (Carriage & Wagon Wheel)

Abeles & Taussig Tie Corp., Commercial bldg, St. Louis Mo.
Ahr & Rost Co., Cincinnati, O.
Ames Bending Co., Celina, O.
Avoca Wheel Co., Avoca, N. Y.
Baltimore Hub-Wheel Mfg. Co., Fallsway & Gay, Baltimore, Md.
Breece Mfg. Co., Portsmouth, O.
Browne J. A. & Co., North Manchester, Ind
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Campbell M. R., Tullahoma, Tenn.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Chancellor S. D., Wilmington, O.
Coopersburg Bending Works, Coopersburg, Pa.
Crane & MacMahon ("Star"), 10 Bridge, New York
Dann Bros. & Co., New Haven, Conn.
Delphos Bending Co., Delphos, Ohio
Doles Edwin E., Greensburg, Ind.
Donges John & Co., Hamilton, O.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Empire Bending Works, Lancaster, Pa.
Eureka Bending & Wheel Works, York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Fuss J. C., Kauffman, Pa.
Galloway Kennedy Co., Clarendon, Ark.
Gillette, E. A. & Sons, Charlestown, Boston, Mass.
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hanover Bending & Mfg. Co., Hanover, Pa.
Hartzell Geo. W., Dayton, O.
Heiser J. B. (Buggy), Atwater, O.
Hice Mfg. Co., Johnson City, Tenn.
Hinkel J. K. Mfg. Co. (Carriage, Truck & Auto), Mechanicsburg, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bro. & Darlington, West Chester, Pa.
Hoyt John Co., Delaware, N. J.
Jerome Henry, Worcester, Mass.
Jones Phineas & Co., 305 Market, Newark, N. J.
K. & C. Mfg. Co., Henniker, N. H.
Kerr L. S. D., Frenchtown, N. J.
Kohler F. F., South Zanesville, O.
Koller J. B. & Co., Mechanicsburg, Pa.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Leippe's Jacob A. Sons, Reading, Pa.
Look & Lincoln, Marion, Va.
Manchester Mfg. Co., Manchester, Tenn.
Medina Bending Works, Medina, O.
Ness Bros. & Co., York, Pa.
Ohio Spoke & Bending Co., Botkins, O.
Petersburg Rim & Veneer Co., Petersburg, Va.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Pioneer Pole & Shaft Co., Piqua, O.
Shepard H. G. & Sons, New Haven, Conn.
Skinner J. M. Bending Co., Toledo, O.
Sligo Iron Store Co., 5th & O'Fallon, St. Louis, Mo.
Smith, Ervin & Co., York, Pa.
Southern Wheel Stock Co., Ironton, O.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Syze J. F., Yorktown Heights, N. Y.
Turnbull Motor Truck & Wagon Co. (Wagon Wheels), Defiance, O.
Union Bending Works, Collins, O.
Union Spoke & Bending Co., Union City, Ind.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansville, Ind.
West Falmouth Mfg. Co., West Falmouth, Me.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wildermuth Bending Co., Columbus, O.
Winchester Lumber Co., Winchester, O.

12424—Rims & Rings (Pan Grinder)

Railway Steel Spring Co. ("Muller"), 30 Church, New York

12425— Ringers (Bell)

Beacon Rectifier, Inc. (For Operating Signalling Systems from Alternating or Direct Current), Hyde Park, Mass.
U. S. E. M. Co. (Potentiostat Sets), 505 W 42nd, New York

12426— Ringers (Fire Bell)

Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.
U. S. E. M. Co. (Potentiostat Sets), 505 W 42nd st, New York
Walsh Safety Lock Snap Co. ("O'Brien," Foot Power, for Fire Apparatus), Bellevue, O.

12427-8— Ringers (Hog)

See also Rings, Hog & Bull
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Decker Mfg. Co. ("Hill's," "Brown's"), Keokuk, Ia.
Fischer & Flohr, Bucyrus, O.
Heesen Bros. Co. ("Wolverine"), Tecumseh, Mich.
Landers, Frary & Clark, New Britain, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Smith F. P. & Co. ("Hill," "Blair"), Sharon Hill, Pa.
Stearns E. C. & Co. ("Stearns" Perfect Pat'n), 450 Oneida, Syracuse, N. Y.
Williams A. C. Co., Ravenna, O.

12429— Rings (Air Brake)

Johns-Manville Inc. (Expander), Madison av & 41st, New York

12430-1— Rings (Arcing)

Locke Insulator Mfg. Co. ("Nicholson"), Victor, N. Y.

12432— Rings (Band)

Grabler Mfg. Co., Cleveland, O.

12433— Rings (Beer Keg Washer)

Gutta Percha & Rubber Mfg. Co., 136 Duane, New York

12434—Rings (Beetle Post, Etc.)

Columbus Anvil & Forging Co., Columbus, Ohio
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Martin Sam'l Co., 31 Adams, B'klyn, N. Y.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

12435— Rings (Bobbin)

Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12436— Rings (Box)

Turner & Seymour Mfg. Co., Torrington, Conn.

12437— Rings (Brass)

American Ring Co., Waterbury, Conn.
HENDRYX A. B. CO., 86 Audubon, New Haven, Conn. *See adv index at end of book*
Turner & Seymour Mfg. Co., Torrington, Conn.
U. S. Indestructible Gasket Co. (Also Copper), Church & Fulton, New York
See adv index at end of book
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

Rings (Breeching)

See Rings, Harness

12438— Rings (Bridle)

Brooks M. S. & Sons, Chester, Conn.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 324 Washington, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Standard" & "D-X"), 89 West, New York *See adv index at end of book*
Hubbard & Co., German Bank bldg, Pittsburgh, Pa.
Judd H. L .& Co., 87 Chambers, New York
Parker Wire Goods Co. (Or Distributing), Worcester, Mass.
Petingell-Andrews Co., 166 Pearl, Boston, Mass.
STAR EXPANSION BOLT CO. ("Star," also "Star" Corner Brace Bridle Rings), 145 Cedar, New York *See adv index at end of book*
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Rings (Carbon Packing)

See Carbon Mfrs.

12439-40—Rings (Chemical)

See also Stoneware Chemical

Laclede-Christy Clay Products Co., Railway Ex. bldg, St. Louis, Mo.

12441— Rings (Clinch)

Eberhard Mfg. Co., C. & P. Ry & Tennyson rd, Cleveland, O
Fisher C. W., 52H Broadway, New York
Galbraith C. C Sons, 117H West, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware & Equipment Co., S Portland, Me.
Neptune Hardware Mfg. Co., 29 Murray, New York
Rhode Island Tool Co., Providence, R. I.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Wilcox, Crittenden & Co. (Wrought & Malleable), Middletown, Conn. *See adv index at end of book*

12442— Rings (Commutator)

Chicago Mica Co. (Mica V & Special Shapes), Valparaiso, Ind. *See adv index at end of book*
Electric Service Co. ("Formica')', 12th & Madison, Cincinnati, O.
Hemming Mfg. Co., Garfield, N. J.

12443— Rings (Crusher)

Standard Steel Works Co., Morris bldg, Phila., Pa.

12444—Rings (Curtain & Drapery Pole)

American Ring Co., Waterbury, Conn.
Berbecker & Rowland Mfg. Co. (Brass Curtain Fixtures), Waterville, Conn.
Bogert & Hopper, Inc., 57 Barclay, New clay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Judd H. L. Co., 87 Chambers, New York
Parker Wire Goods Co. (Brass), Worcester, Mass.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Toledo-Reynolds Mfg. Co., West Toledo, O.
Turner & Seymour Mfg. Co. (Brass), Torrington, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12445— Rings (Distributing)

Hallett Iron Works ("Hallett" Pole), Harvey, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

12446—Rings (Electric Lamp Socket)

Goodrich B. F. Co. (Rubber), Akron, O.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp., 25 W 45th, New York

12446a—*Rings (Embroidery)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

12447— Rings (Filter Press)

Bethlehem Shipbuilding Corp. Ltd., Dept. H., Broadhurst & Parker av, Bethlehem, Pa.
Moore S. L. & Sons, Elizabeth, N. J.

12448— Rings (Flush)

Brass Goods Mfg. Co. (Cast Brass), 345 Eldert, Brooklyn, N. Y.
Peck, Stow & Wilcox Co. (Cast Brass), Southington, Conn.
Reading Hardware Co. (Cast Brass), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co. (Cast Brass & Bronze), New Haven, Conn.
Stanley Works (Drawer), New Britain, Conn. *See adv index at end of book*

Rings (Fruit Jar)

See Rubbers, Fruit Jar

12449-50—Rings (Furnace Casing)

XXth Century Htg. & Ventg. Co., Akron, Ohio
Walworth Run Foundry Co. ("Never-Break," Steel), 2488 W 27th, Cleveland, Ohio

12451— Rings (Grommet)

Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Marine Hardware Equipment Co. ("Acme" & "Merco"), South Portland, Me.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Wilcox, Crittenden & Co., Inc. (Malleable Iron Galvanized), Middletown, Conn. *See adv index at end of book*

12452— Rings (Gymnasium)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Wilcox, Crittenden & Co. Inc., Midletown, Conn. *See adv index at end of book*

12452a— Rings (Harness)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Elbel Co. Canton, O.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*

12453—Rings (Harness, Bone)

Kyoto Mfg. & Trading Co., 31 E 17th, New York
Randolph Wm. C. (Also Ivory), 243 Arch, Phila., Pa.

12454—Rings (Harness, Composition)

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Rogers & Hubbard Co., Middletown, Conn.

12455—Rings (Harness, Iron)

American Mfg. Co., Chattanooga, Tenn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Saddlery Works, Interlaken, N. Y.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co., Syracuse, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
North & Judd Mfg. Co. ("Anchor Brand," Iron, Steel & Brass), New Britain, Conn.
Sargent & Co., New Haven, Conn.

12456—Rings (Harness, Rubber)

Rubber & Celluloid Products, 56 Ferry, Newark, N. J.

12457— Rings (Hatch)

Superior Iron Works Co., Superior, Wis.

12458— Rings (Hinge)

Grabler Mfg. Co. (Extension, etc), Cleveland, O.

12459— Rings (Hitching)

Auer Jno. Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought, Screw, Drill or Lead, etc), 2nd & Somerset, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Parker Wire Goods Co. (Also on Plate & with Bolt & Nut), Worcester, Mass.
Peck, Stow & Wilcox Co. (Wrought), Southington, Conn.
Sargent & Co. (Wrought), New Haven, Conn.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wrought), Worcester, Mass.

12460— Rings (Hog & Bull)

See also Ringers, Hog

Chambers, Baring Quinlan Co. ("Browns"), Decatur, Ill.
Decker Mfg. Co. ("New Idea" Self-Piercing), Keokuk, Ia.
Fischer & Flohr, Bucyrus, O.
Heesen Bros. Co. ("Hills," "Blair," "Major," "Wolverine" Hog), Tecumseh, Mich.
Landers, Frary & Clark (Copper Bull Only), New Britain, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect," "Hill," "Blair," "Brown," "Major," "Wolverine," "Rea's" Self-Piercing Bull), 35 W Lake, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Smith F. P. & Co. ("Hill," "Blair," Copper & Galvanized, Cast & Malleable Iron), Sharon Hill, Pa.
Smith Seymour & Son (Bull Only), Oakville, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12460a— *Rings (Hoist)

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12461—Rings (Hollow Screw)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12462— Rings (Key)

Boettiger Louis A. Co., 48 Leonard, New York
Browne & Dowd Mfg. Co. ("Reliable" Puzzle, Clasp, "Joker"), Meriden, Conn.
Coe Mfg. Co. (Steel Ball Key Rings), 35 Warren, New York
Graham & Berwin (Imported), 107 Lafayette, New York
Hammond E. L. & Son, Sayre, Pa.
Individual Key Ring Co. (Individual), Hartford, Conn.
Morden Mfg. Corporation ("Morden Perfect"), Waterbury, Conn.
Niagara Falls Metal Stamping Works (Flexible, Split Steel), Niagara Falls, N. Y.
Smith & Egge Mfg. Co. (Chain & Ring), Bridgeport, Conn.
Snow & Petrelli Mfg. Co., New Haven, Conn.
Spaulding D. S. (Silver), Mansfield, Mass.
Vaughan Novelty Mfg. Co. ("Vaughan's Individual" Chain), 703 Fulton, Chicago, Ill.
Waterbury Button Corporation, 831 South Main, Waterbury, Conn. *See adv index at end of book*
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

12463— Rings (Lap)

Collins Hilton Co., Louisville, Ky.
Columbus Handle & Tool Co. (Lap Links & Rings), Columbus, Ind.

12464—Rings (Leather Shafting)

Graton & Knight Mfg. Co. ("G. & K."), Worcester, Mass.

12465— Rings (Locker)

Jencks E. Mfg. Co., Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12466—Rings (Marble Polishing)

Royden Marble Machinery Co. ("Royden" Polish Rings), 137 E 25th, New York

12467— Rings (Napkin)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Celluloid Co., 36 Washington pl, New York
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Hall Wilbur B. (Silver Plated), Meriden, Conn.

12468— *Rings (Neck Yoke)

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*

12469— Rings (Net)

General Phonograph Corp. (Fishing), 25 W 45th, New York

12470— Rings (Open)

Brewer Bros. Co. (Wrought), 2nd & Somerset, Phila., Pa.

Rings (Packing)

See Packing, Ring or Spiral

12471— Rings (Piston)

Am. Hammered Piston Ring Co., Bush & Hamburg, Baltimore, Md.
American Piston Ring Co. ("American" & "Sta-Tile" Hammered), 704 S 11th, Newark, N. J.

Auto Diesel Piston Ring Co. ("J. E. M." Wiper, "Megson" Piston), 427 Quinnipac av, New Haven, Conn.
See adv index at end of book

AUTO-DIESEL PISTON RING CO.

Manufacturers of

"Megson," "J. E. M." Piston Rings

Patented Feb. 15th, 1921

Saves oil 50%—prevents carbon and smoke

All sizes, standard and over sizes.

427 QUINNIPIAC AVE. NEW HAVEN, CONN.

Automobile Construction & Engineering Co. ("Perfection"), 3325 Chestnut, Phila., Pa.
Automotive Piston Ring Co. ("Power King"), 4510H Manchester av, St. Louis, Mo.
Baker Valve Co., 1855 E 28th, Minneapolis, Minn.
Barker Jas. (Semi-Finished), Dept. H, 6th & Cayuga, Phila, Pa.
Bridgeport Piston Ring Co., Bridgeport, Conn.
Burd High-Compression Ring Co. ("Burd" High Compression), Rockford, Ill.
Canfield Gas Engine Co., 8 Abbott, Binghamton, N. Y.
Canton Auto Parts Mfg. Co. ("Kurtz"), Canton, O.
Capitol Foundry Co. (Vanadium Cast Iron), Hartford, Conn.
Chambersburg Engineering Co. (Hammers), Chambersburg, Pa.
Chopa Piston Ring Co., 404H E Jefferson av, Detroit, Mich.
Continental Piston Ring Co. ("Hi-Comp"), Memphis, Tenn.
Detroit Piston Ring Co. (& Castings), 53H Richmond, Detroit, Mich.
Double Eccentric Piston Ring Corp., 1083 Tower Grove, St. Louis, Mo.
Dubois Foundry Co. (Vanadium Iron), Cold Springs, N. Y.
Du Bois Piston Ring Co., Albany, N. Y.
Dunham Piston Ring Co., 52 Vandewater, New York
Dyer G. H. Co., Cambridge, Mass.
Eco Mfg. Co. ("Eco"), Exchange bldg, Boston, Mass.
Evarts Machine Co., Hartford, Conn.
Ever-Tyte Piston Ring Division, Walter A. Zelnicker Supply Co., 1600 Kingsland av, St. Louis *See adv index at end of book*

SAVE FUEL SAVE OIL

FAYETTE R. PLUMB INC.

PHILADELPHIA PLUMB ST LOUIS

Hammers Hatchets Sledges and Axes

St. Louis, Sept. 10, 1920.

The Ever-Tyte Piston Ring Co.,
St. Louis, Mo.

Gentlemen:-

We have had excellent success with your rings working under steam, air and gasoline. It has been a pleasure to recommend them to our friends.

Yours very truly,
FAYETTE R. PLUMB, INC.
B L Barcom
Chief Engineer.



EVER-TYTE PISTON RING DIVISION
Walter A. Zelnicker Supply Co.
1600 Kingsland Ave. St. Louis

INCREASE EFFICIENCY AND CAPACITY

Fore Elec. Mfg. Co. (Fore One-Piece), 5255 N Market, St. Louis, Mo.
Gill Mfg. Co. ("Gill"), 8300 S Chicago av, Chicago, Ill.
Harward Mfg. Co., 3939 Magnolia av, St. Louis, Mo.
Hebert Mfg. Co. ("Hebert"), Franklin, N. H.
Hill-Smith Metal Goods Co. ("H. S."), 82 Brokline av, Boston, Mass.
Horatt Joseph ("Tight Wad" for Ford Cars), 417 Ferry, Lafayette, Ind.
Houpert Machine Co., 351 W 52d, New York
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Keys Piston Ring Co. ("K-P"), 3049 Olive, St. Louis, Mo.
Lewis Electric Welding & Mfg. Co., Toledo, O.
McCadden Machine Works ("McCadden" Leakless), St. Cloud, Minn.
McIntyre Mfg. Co., 172 W Locust, Columbus, O.
McQuay-Norris Mfg. Co, ("Leakproof"), Cooper & Southwest av, St. Louis, Mo.
Manufacturers' Foundry Co., Waterbury, Conn.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Merritt S. W. Co. ("D.-I-E Cast" Iron), 699 W 133d, New York
Micro Piston Ring Co. ("Micro"), 116 Nassau, New York
Miller Engine & Foundry Works, ("Miller"), 2652 Long Beach av, Los Angeles, Cal.
Modern Electric & Machine Co. ("R. & M."), 936 Ft. Wayne av, Indianapolis, Ind.
Morgan Mfg. Co., Inc., Keene, N. H.
Muncie Foundry & Machine Co. (Also for Cycle Cars), Muncie, Ind.
New Era Spring & Specialty Co., Detroit, Mich.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Nilson-Miller Co. ("Flexo Hammered"), 1300-1306 Hudson, Hoboken, N. J.
No-Leak-O Piston Ring Co., 824 W North av, Baltimore, Md.
Otis Machine Works, 191 Mill, Rochester, N. Y.
Perfection Piston Ring Co., Ravenna, O.
Pennsylvania Piston Ring Co. ("Pepco"), 203 St. Clair av N E, Cleveland, O.
Piston Ring Co., Muskegon, Mich.
Pondelick Piston Ring Co., Leavitt & Jackson blvd, Chicago, Ill.
Pressure Proof Piston Ring Co., Boston, Mass.
Reliance Foundry Co., Richmond, Ind.
Salt Wm. B. Mfg. Co., Aspinwall, Pa.
Seal-Tite Piston Ring, Inc. ("Seal-Tite"), 1704 E Lake, Minneapolis, Minn.
Sheeler-Hemsher Co., (50-50 Castings), 811 Fairmont av, Phila., Pa.
Spacke Machine & Tool Co., Indianapolis, Ind.
Splitdorf Electrical Co. ("Munger"), 98 Warren, Newark, N. J.
Steam Tractor Auto & Mfg. Co., Sioux City, Ia.
Teeter-Hartley Motor Co., Hagerstown, Ind.
Trump Mfg. Co., Crown Point, Ind.
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.
U. S. Piston Ring Co., 2108 Superior av, Cleveland, Ohio
Underwood H. B. Corp., 1025 Hamilton, Phila., Pa.
Universal Machine Co., 501 E Preston, Baltimore, Md.
Valley City Welding & Mfg. Co. (Groove Tight), Valley City, N. Dak.
Wainwright W. W. & Son, Connersville, Ind.
Wasson Piston Ring Co. ("Wasson"), Plainfield, N. J.
Waterbury Welding Co., Waterbury, Conn.
Wilson Foundry & Machine Co., Pontiac, Mich.
Wood & Safford Mach. Wks., Great Falls, Mont.

12472—Rings (Plumbers' Testing)

Empire Tire & Rubber Corp., Trenton, N. J.

12473— Rings (Pole)

Bethlehem Steel Co., So Bethlehem, Pa.
Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Bissell F. Co. ("Security"), Toledo, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Turner & Seymour Mfg. Co., Torrington, Conn.

12474— Rings (Rubber)

See also Rubber Mfrs., Mechanical

Acme Rubber Mfg. Co. (Jar), Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Davol Rubber Co. (Umbrella, etc), 69 Point, Providence, R. I.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co, Trenton, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Parker-Stearns & Co. (Umbrella, Invalid Teething, etc), 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co. (For Unions, Pumps, Lubricators, Gauge Glass, Packing, etc), Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
Smalley, Kivlan & Onthank ("Fitz-Em-All" & "Kold-Prosso"), 21H Blackstone, Boston, Mass.
Tyer Rubber Co. (Umbrella, Teething), Andover, Mass.
U. S. Rubber Co. (For All Purposes), 1790 Broadway, New York

12475-6— Rings (Screw)

American Ring Co., Waterbury, Conn.
Brooks M. S. & Sons (Brass), Chester, Conn.
Parker Wire Goods Co., Worcester, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.

12477— Rings (Shutter)

Brooks M. S. & Sons, Chester, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Johnson John Co., 37th & 2nd av, Brooklyn, N. Y.
Parker Wire Goods Co. (Tinned Wire), Worcester, Mass.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Rings (Socket)

See Rings, Electric Lamp Socket

12477a— Rings (Spiral)

Chemical Construction Co., Charlotte, N. C.

12477b— *Rings (Spring)

Titchener-Diehl Co. (Automobile Lamp), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book

12478— Rings (Steel)

Akron-Selle Co. (& Forged Bands), Akron, Ohio
Auburn Ball Bearing Co. (Hardened Tool Steel), 26 Elizabeth, Rochester, N. Y.
Bonney Forge & Tool Works, Allentown, Pa.
Bridgeport Chain Co., Bridgeport, Conn.
Chrome Steel Works (Rolled Chrome Steel), Camden, N. J.
Commercial Shearing & Stamping Co. The, Youngstown, O.
See adv index at end of book
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co. Inc., Syracuse, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
Hope Forge & Machine Co. (& Bands), Mt. Vernon, O.
Landers, Frary & Clark, New Britain, Conn.
King Fifth Wheel Co. (Forged for any Purpose), 5027H Beaumont av, Phila, Pa.
Kropp Forge Co. (Solid Forged), 2512 W 21st, Chicago, Ill.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Millersburg Fifth Wheel Co. (Iron & Steel Rings, Bands, Ovals, Flanges, etc), Millersburg, Pa.
New England Forge Co. (Weldless), Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Oliver & Williams (Solid Forged), 39 Pitts, Boston, Mass.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Railway Steel Spring Co. (Heavy), 30 Church, New York
Standard Steel Works Co., Morris bldg, Phila., Pa.
Standard Parts Co. (Seamless Copper, Brass), Cleveland, O.
Tioga Steel & Iron Co. (Forged), 52nd & Grays, Phila., Pa.
U. S. Indestructible Gasket Co. (Light), Church & Fulton, New York
See adv index at end of book
Wharton Wm. Jr. & Co., Inc. (Forged) Easton, Pa.

12479—Rings (Steel Piston)

Ever-Tyte Piston Ring Div., Walter A. Zelnicker Supply Co. (For Steam & Pneumatic Hammers, Channeling Machines, etc.), St. Louis, Mo.
Salt Wm. B. Mfg. Co. (For Steam Hammers, Engines, etc), Aspinwall, Pa.

12479a— Rings (Teething)

Arlington Works (du Pont E. I. de Nemours & Co.), Wilmington, Del.
Cutlers Pearl Mfg. Co., 55 Commercial, Newark, N. J.
Rubber & Celluloid Products Co., Newark.
Celluloid Co., 36 Washington pl, New York N. J.

12480— Rings (Timer)

Continental Fibre Co. ("Bakelite-Dilecto" & "Vulcanized Fibre"), Newark, Del.
See adv index at end of book
Delaware Hard Fibre Co. ("Egyptian" Fibre), Wilmington, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

12481— Rings (Tool Post)

Page Storms Drop Forge Co., Chicopee, Mass.
Williams J. H. & Co. ("Vulcan" Drop-Forged), 31 Richards, Br'klyn, N. Y.
See adv index at end of book

12481a— *Rings (Towel)

Estes E. B. Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

12482— Rings (Trap Door)

Champion Hardware Co. (Flush), Geneva, Ohio
Loetcher-Ryan Mfg. Co., Dubuqua, Ia.
Peck Stow & Wilcox Co. (Flush), Southington, Conn.
Penn Hardware Co., Reading, Pa.
Sargent & Co. (Flush), New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Stover Mfg. & Engine Co., Freeport, Ill.

Rings (Trapeze)

See Rings, Gymnasium

12483-4—Rings (Umbrella Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.

12485— Rings (Welded)

Akron-Selle Co., Akron O.
Allegheny Forging Co., Keenan bldg, Pittsburgh, Pa.
American Mfg. Co., Chattanooga, Tenn.
Searles Electric Welding Works (All Kinds), 817 W Washington blvd, Chicago, Ill. *See adv index at end of book*
Standard Parts Co. (Steel, All Sizes & Shapes), Cleveland, O.

12486— Rings (Weldless)

Allegheny Forging Co., Keenan bldg, S Dearborn, Chicago, Ill.
Allison & Co., Chester, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Camden Forge Co., Camden, N. J.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Dyson Jos. & Sons, 5125 St. Clair av, Cleveland, O.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Inc., The (Forged Steel), Solvay, N. Y.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Ladish Drop Forge Co., Cudahy, Wis.
Lake Erie Forge & Machine Co., Cleveland, O.
New England Forge Co., Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Penna. Forge Co., Jenks & Bath, Phila., Pa.
Pollak Steel Co., Cincinnati, Ohio
Railway Spring Steel Co., 30 Church, New York
Standard Steel Works Co. (For Crushing Machinery, etc.), Morris bldg, Phila., Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

12487— Rings (Wire)

American Mfg. Co., Chattanooga, Tenn.
Bridgeport Chain Co., Bridgeport, Conn.
Eastern Tool & Mfg. Co., Bloomfield av, Bloomfield. N. J.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand" Steel), New Britain, Conn.
Parker Wire Goods Co., Worcester, Mass.
Stimpson Edwin B. Co. (& Stamped, Umbrella, Crochet, "D," Round, Oblong & Square), 852 Kent av, Brooklyn, N. Y.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Titchener E. H. & Co., Binghamton, N. Y.
U. S. Hame Co., Buffalo, N. Y.
U. S. Indestructible Gasket Co. (Seamless), Church & Fulton, New York
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

12488— Rings with Staples

Auer John Jr. (Wrought Trap Door, etc), 197 Middleton, Brooklyn, N. Y.
Landers, Frary & Clark, (Wrought), New Britain, Conn.

12489— Rings (Wood)

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
ESTES E. B. & SONS (Embroidery, Exercising, Towel, Harness, etc.), 364 5th av, New York
See adv index at end of book
Peters' John M. Sons, Bleecker, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

12490— Rings (Worm Gear)

Anderson Rolled Gear Co. ("Anderson" Rough Rolled Steel for Auto Worm Drive Rear Axles, etc), Berea rd & L. S. & M. S. Ry, Cleveland, O.
FOOTE BROS. GEAR & MACHINE CO. (Bronze), 213 N. Curtis, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO. (Bronze), 1001 Washington boul, Chicago, Ill.
See adv index at end of book

12491— Ripeners (Cream)

Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

12492— Rivet Busters

Boss Nut Co., 1734 No Kolman av, Chicago, Ill. *See adv index at end of book*
Cleveland Punch & Shear Works Co., **3921 St. Clair av N E, Cleveland, O.**
744 W Van Buren, Chicago, Ill.
See adv index at end of book
Reschke Machine Works Co., Wichita, Kan.

12492a—*Rivet Heaters (Electric)

American Car & Foundry Co., 165 B'way, New York *See adv index at end of book*

BERWICK ELECTRIC RIVET HEATER

Provides Perfectly Heated Rivets

when and *where* you want them



Note these features:

—Low operating cost. Less than 20 kilowatt-hours per hundred pounds of rivets heated.
—No smoke, gas, dirt, or excessive heat.
—Hot rivets in 20 to 30 seconds after starting.
—Time-saving portability. Heater can be placed close to work. Often eliminates sticker-boy.
—Power used only when hot rivets are needed.
—Uniform heating. Radiation from center of rivet outward.
—Safe. Simple to operate. No complicated wearing parts. Negligible maintenance cost.

Send for catalogue. Mention number and sizes of rivets used and alternating current conditions.

American Car and Foundry Company

Chicago 165 Broadway, New York St. Louis

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General Electric Co., Schenectady, N. Y.
See adv index at end of book

12493— Rivet Mfrs.

Under this Heading see Sub-classifications

American Car & Foundry Co.,Syndicate Trust bldg, St. Louis, Mo.
American Locknut Co., 845 Peoples Gas bldg, Chicago, Ill.
American Rivet Co., New Haven, Conn.
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Berry Bros., Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Blake & Johnson Co. (All Metals, Cold Headed, etc.), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Boss Nut Co., 1734 No. Kolman av, Chicago, Ill. *See adv index at end of book*
Brainerd J. W. Steel Co., Warren, Ohio
Burden Iron Co., Troy, N. Y.
Butler Bolt & Rivet Co., Butler, Pa.
Carlin Anthony Co., 2717 E 75th, Cleveland, O.
Champion Rivet Co., Harvard av & E 108th, Cleveland, O.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cobb & Drew, Plymouth, Mass.
Coe Brass Branch, Torrington, Conn.
Columbus Bolt Works Co., Columbus, O.
Equipoise Rivet Co. (Small), Waterbury, Conn.
Falls Rivet Co. (Carriage, Tire, Stove & Machine), Kent, O.
FOSTER MFG. & SUPPLY CO., 20th & Venango, Philadelphia, Pa.
Froment & Co., 150 Bank, New York
Garland Mfg. Co., 1st National Bank bldg, Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Gem Stamped Steel Co., Chelsea, Mass.
General Mfg. Co. (From All Metals), Waterbury, Conn.
Greenlie-Halliday Co., 499 Water, New York
Harrison Bolt & Nut Co., Harrison, N. J.
Hartley Screw Products Co., Poinier, Newark, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scrandon rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co. (Iron and Steel for General Purposes), 253 Broadway, New York *See adv index at end of book*
Liberty Steel Products Co., 233 Broadway, New York
Linton Mill Co., Linton, Ind.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Milwaukee Tack Co. (Small), 27th & Wahl av, Milwaukee, Wis.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Stanton av, S E & C. & P Ry, Cleveland, O.
Nelson Rivet Co. (Small Brass, Copper & Iron), Taunton, Mass.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
New Haven Rivet Co., New Haven, Conn.
North & Pfeiffer Mfg. Co., Hartford, Conn.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.
Plymouth Mills, Plymouth, Mass.
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
SCOVILL MFG. CO. (Brass, Bronze, Iron, Steel & Special to Order Only), Waterbury, Conn. *See adv index at end of book*
Sessions J. H. & Son, Bristol, Conn.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Steel Car Forge Co., Pittsburgh, Pa.
Stimpson Edwin B. Co. (Split Drilled, Bifurcated, Forked, Brakeband), 852 Kent av, Brooklyn, N. Y.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.

TOWNSEND COMPANY
Manufacturers
RIVETS, NAILS, WIRE and WIRE PRODUCTS
New Brighton, Pa.

Townsend Co., New Brighton, Pa.
See adv index at end of book
Townsend G. G., Winchendon, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.
Ulster Iron Works, Dover, N. J.
Upham V. B. & Bro. (Aluminum, Brass, Copper, Iron, etc), 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Wilson Steel Products Co. (Agricultural), Dept. H, 49th & Western av, Chicago, Ill.

12494— Rivet Sets

American Die & Tool Co. (Air Hammer, etc), Reading, Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Punch & Shear Works Co. (Handle, Pneumatic), 660 E 82nd, Cleveland, O.
Cleveland Steel Tool Co. (Compression Handle, Pneumatic), 660 E 82nd, Cleveland, O.
Davidson Tool Mfg. Corp., 12 Maiden Lane, New York
Delaware Tool Co. (Air Hammer), Wilmington, Del.
Drew C. & Co. (Coopers), Kingston, Mass.
Duntley-King Pneumatic Tool Co., 1143H Diversey Parkway, Chicago, Ill.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Henderer's A. L. Sons, Wilmington, Del.
Hunter Saw Machine Co. ("Hunter" Pneumatic Hammer), 57th & Butler, Pittsburgh, Pa.
Independent Pneumatic Tool Co., 600 W Jackson blvd, Chicago, Ill.
Iron City Tool Works, Ltd. (Sheeters), 3201 Smallman, Pittsburgh, Pa.
Irvington Mfg. Co., Irvington, N. J.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Lowentraut P. Mfg. Co. ("W. S."), 36 Brenner, Newark, N. J.
Marchant Geo. F. Co. ("New Process," "Marco-Vanadium," "Vanadium" Air Hammer), 1420 S Rockwell, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Octigan Drop Forge Co. ("Octigan"), 2425 Lowe av, Chicago, Ill.
Osborne C. S. & Co. (Harness Makers, Tinners, etc), Box 183, Newark, N. J.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Plomb Tool Mfg. (Tinners), 2209 Santa Fe av, Los Angeles, Cal.
Potter S. A. Tool & Machine Works, 79 E 30th, New York
Rich Tool Co., Railway Exch. bldg, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J
Sicard Tool Co., 117 Lawrence, Hackensack, N. J.
SMITH & HEMMINGWAY CO., INC., ("Red Devil" Drop Forged), 261H B'way, New York & 130H Colt, Irvington, N. Y.
See adv index at end of book
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
United States Tool Co., 3160 W 106th, Cleveland, O.
Van Doren Mfg. Co. ("Vandor" Rivet Sets & Headers, Tinners' Pattern & Farmers), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
WILLIAMS J. H. & CO. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

12495—Riveters (Belting & Harness Repairing, Etc.)

See Also Riveting Machines, Hand

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Fate-Root-Heath Co. ("Ideal"), Plymouth, Ohio

Riveters (Pneumatic Compression)

See Pneumatic Compressing Riveters

12496—Riveters (Steam Hydraulic)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

12497—Riveters & Punch (Combined)

Hanna Engineering Works, 1764 Elston av, Chicago, Ill.

Riveting Machines

See Machinery; also Pneumatic Riveters

12498— Rivets (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Amalgamated Metals Selling Co., Ltd., 42 Bway, New York
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Hassall Jno. (To Order), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Stimpson Edwin B. Co., 68 Franklin av, B'klyn, N. Y.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

12499— Rivets (Barrel)

Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Igoe Brothers (Hoop), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Reading Screw Co., Norristown, Pa.
Stimpson, Edwin B. Co., 68 Franklin av, B'klyn, N. Y.
Townsend Co., New Brighton, Pa.
Townsend G. G., Winchendon, Mass.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12500—Rivets (Belt & Hose)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Atlas Tack Co. (Copper), Fairhaven, Mass.
Equipoise Rivet Co., Waterbury, Conn.
Falls Rivet Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hassall Jno. (Inc.) (To Order), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co. (Copper), 80 Lafayette, New York
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Plume & Atwood Mfg. Co. ("Eagle," Copper), Waterbury, Conn.
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Russell Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Tower Mfg. Co. (Tinned & Coppered Iron Burrs & Rivets), Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av., Chicago, Ill.

12501—Rivets (Boiler & Tank)

American Equipment Co., Norristown, Pa.
Atlas Tack Co., Fairhaven, Mass.
BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1734 No Kolman av, Chicago, Ill. *See adv index at end of book*
Burden Iron Co. (Iron), Troy, N. Y.
Carlin Anthony Co. ("Perfection"), 2717 E 75th, Cleveland, O.
Champion Rivet Co., Harvard av & E 108th, Cleveland, O.
Cleveland Wrought Products Co., W 58th & West L. E. Belt Line, Cleveland, O.
Falls Rivet Co., Kent, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Inland Steel Co., First National Bank bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
LARKIN J. K. & CO. (Iron & Steel), 253 Broadway, New York
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.

RIVETS (BOILER & TANK—cont.
New England Bolt Co., Inc., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, **Pittsburgh, Pa.**
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Scott, Suydan & Lamont, Monadnock Bldg, San Francisco, Cal.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Southern California Iron & Steel Co., E 4th & Mateo, Los Angeles, Cal.
Steel Car Forge Co. ("Xcelsior"), Frick Bldg, Pittsburgh, Pa.
TOWNSEND CO., New Brighton, Pa.
Ulster Iron Works, Dover, N. J.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12502—Rivets (Brass & Copper)

Atlas Tack Co. (Rivets & Burrs), Fairhaven, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Clendenin Bros. (Copper Rivets & Burrs), c Central av & Fawn, Baltimore, Md.
Cobb & Drew, Plymouth, Mass.
Equipoise Rivet Co. (Small), Waterbury, Conn.
Falls Rivet Co., Kent, O.
Gem Stamped Steel Co., Chelsea, Mass.
General Mfg. Co., Waterbury, Conn.
Hartley Screw Products Co., Poinier, Newark, N. J.
HASSALL JNO, (INC), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co. ("Star," All Sizes & Styles), 80 Lafayette, New York
Igoe Brothers (& Bronze), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Manufacturers Belt Hook Co., 1321 W Congress, Chicago, Ill.
Merchant & Evans Co. (Jobbers), Washington av & 21st, Phila., Pa.
Mutual Electric & Machine Co. (Copper), 232 Fort, W. Detroit, Mich.
Nelson Rivet Co., Taunton, Mass.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
North American Copper Co., 52 Vanderbilt av, New York
Plume & Atwood Mfg. Co. (Copper Trunk, Braziers', Brass Jacket, etc), Waterbury, Conn.
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Rotax Co. (Brass Split), 38 E 133rd, New York
SCOVILL MFG. CO. (Order Only), Waterbury, Conn.
See adv index at end of book
Stimpson Edwin B. Co. (Split, Bifurcated), 68H Franklin av, Brooklyn, N. Y.
Taunton Rivet Works (Copper Rivets & Burrs), Taunton, Mass.
Thomson Judson L. Mfg. Co. (Coppered Slotted Clinch), Waltham, Mass.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Waltham Screw Co., Waltham, Mass.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12503— Rivets (Braziers')

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Plume & Atwood Mfg. Co. (Copper), Waterbury, Conn.
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Townsend Co., New Brighton, Pa.

12504—Rivets (Bridge & Structural)

American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book

RIVETS
Structural, Ship, Boiler, etc.
BAYONNE BOLT & NUT CO.
Manufacturers
Bayonne, N. J.
on New York Harbor

Bethlehem Steel Co., So Bethlehem, Pa.
BOSS NUT CO., 1734 No Kolman av., Chicago, Ill. *See adv index at end of book*
Cambria Steel Co., Widener bldg, Phila., Pa.
Carlin Anthony Co. ("Perfection"), 2717 E 75th, Cleveland, Ohio
Champion Rivet Co., Harvard av & E 108th, Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Falls Rivet Co., Kent, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Co., Union av & E 72d, Cleveland, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
LARKIN J. K. & CO. (Iron & Steel), 253 Broadway, New York
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt & Nut Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Scott, Suyden & Lamont, Monadnock bldg, San Francisco, Cal.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Southern California Iron & Steel Co., E 4th & Mateo, Los Angeles, Cal.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Townsend Co., New Brighton, Pa.
See adv index at end of book
Upham V. B. & Bros. (For Ornamental Work), 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.
Viethardt Steel & Metal Corp. (Mill Representatives, Steel Only), 15 Park Row, New York
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12505— Rivets (Button)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio
See adv index at end of book
BOSS NUT CO., 1734 No Kolman av, Chicago, Ill. *See adv index at end of book*
Equipoise Rivet Co., Waterbury, Conn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.

12506— Rivets (Car)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, **Pittsburgh, Pa.**
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12507-8—Rivets (Clinch, Bifurcated)

Manufacturers' Belt Hook Co. ("20 Century" Brass Brake Band & Tubular Harness), 1321 W Congress, Chicago, Ill.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

Rivets (Clinch, Slotted)

See Rivets, Slotted Clinch

12509-10— Rivets (Coopers')

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Berry Bros., Columbus, O.
Boss Nut Co., 1734 No. Kolman av, Chicago, Ill. *See adv index at end of book*
Brainerd J. W. Steel Co., Warren, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Falls Rivet Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry, Cleveland, O.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Scott, Suyden & Lamont, Monadnock bldg, San Francisco, Cal.
Tower Mfg. Co. (Countersunk, etc), **Elm** & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12511— Rivets (Draw Bar)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.

12512-3—Rivets (Galvanized)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Rockford Bolt Co. (For Corrugated Culverts, etc), 60 Mill, Rockford, Ill.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12514— Rivets (Hame)

American Rivet Co., New Haven, Conn.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry, Cleveland, O.
Reading Screw Co., Norristown, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., **Port Chester, N. Y.**
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12515— Rivets (Hinge)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
HASSALL JNO. (INC.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12515a— Rivets (Iron)

Blake & Johnson Co., 1500 Thamaston av, Waterbury, Conn.
See adv index at end of book
Burden Iron Co., Troy, N. Y.
Champion Rivet Co., Hartford av & E 108th, Cleveland, Ohio
Cobb & Drew, Plymouth, Mass.
HASSALL JOHN, INC., Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.

LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Manufacturers Iron & Steel Co., New Brunswick, N. J.
Nelson Rivet Co, Taunton, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Plymouth Mills, Plymouth, Mass.
Progressive, Mfg. Co. (To Order Only) Torrington, Conn.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Stimpson Edwin B. Co., 68H Franklin av, Brooklyn, N. Y.
Tower Mfg. Co., Madison, Ind.
Townsend Co., New Brighton, Pa. *See adv index at end of book*
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Wilson Steel Products Co. (Bed Spring), Dept. H, 49th & Western av, Chicago, Ill.

12515b—Rivets (Nickel Silver)

Blake & Johnson, 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
HASSALL JNO. (INC), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Nelson Rivet Co., Taunton, Mass.
Probst C. F. Mfg. Co. (To Order), 530 Watertown, Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Waltham Screw Co., Waltham, Mass.

12516—Rivets (Norway Iron)

Atlas Tack Co., Fair Haven, Mass.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Newark Rivet Works (Black, Coppered & Tinned), 262 Lafayette, Newark, N. J.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.

12517—Rivets (Phosphor Bronze)

Equipoise Rivet Co., Waterbury, Conn.
New England Tank & Tower Co., 42 Main, Everett, Mass. *See adv index at end of book*

12518— Rivets (Platinum)

American Platinum Works (For Spark Coils), 231 N. J. R. R., Newark, N. J.
Baker & Co., 54 Austin, Newark, N. J.
Bender Henry, 42 Walnut, Newark, N. J.
Probst C. F. Mfg. Co. (To Order), 530 Watertown, Waterbury, Conn.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

12519— Rivets (Pronged)

Standard Rivet Co. (For Fastening Leather, Cloth, etc), 41 Lincoln, Boston, Mass.

12519a— Rivets (Ship)

See also Rivets, Boiler & Tank

BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*
Carlin Anthony Co., 2717 E 75th, Cleveland, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher C. U., 52H Broadway, New York
Larkin J. K. & Co. (Iron & Steel), 253 Broadway, New York *See adv index at end of book*
Townsend Co., New Brighton, Pa. *See adv index at end of book*
Wilson Steel Products Co. (Iron & Steel Boat), Dept. H, 49th & Western av, Chicago, Ill.

12520— Rivets (Shovel)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio *See adv index at end of book*
Berry Bros., Columbus, O.
Boss Nut Co., 1734 No Kolman av, Chicago, Ill. *See adv index at end of book*
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12521—Rivets (Slotted Clinch)

Thomson Judson L. Mfg. Co., Waltham, Mass.

12522— Rivets (Soft Metal)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Peck E. E. & Co. (For Mending Enameled Ware, etc.), Batavia, N. Y.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Sessions J. H. & Son, Bristol, Conn.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12522a— Rivets (Special)

Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Fall Rivet Co., Kent, Ohio
HASSELL JNO. (INC.), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Townsend Co., New Brighton, Pa. *See adv index at end of book*

12522b— Rivets (Steel)

See also Rivet Mfrs.

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio *See adv index at end of book*
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Columbia Steel Co., 503 Market, San Francisco, Cal.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12523— Rivets (Stove)

Berry Bros., Columbus, O.
Equipoise Rivet Co., Waterbury, Conn.
Falls Rivet Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Lamson & Sessions Co., 2188 Scranton Rd S W, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12523a Rivets (Tinned)

Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Newport Rolling Mill Co., Newport, Ky.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12524— Rivets (Tinners')

Atlas Bolt & crew Co., 1130 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Atlas Tack Co., Fairhaven, Mass.
Berry Bros., Columbus, O.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Central Stamping Co., 174 Fulton, New York
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Cobb & Drew, Plymouth, Mass.
Equipoise Rivet Co., Waterbury, Conn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Co., Union av & E 72d, Cleveland, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gem Stamped Steel Co., Chelsea, Mass.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Merchant & Evans (Black & Tinned), Washington av & 21st, Phila., Pa.
Milwaukee Tack Co. (Flat Head), 27th & Wahl av, Milwaukee, Wis.
National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry, Cleveland, O.
Nelson Rivet Co. (Small), Taunton, Mass.
Ohio Nut & Bolt Co., Berea, O.
Plume & Atwood Mfg. Co. (& Burs) Waterbury, Conn
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scott, Suyden & Lamont, Monadnock bldg, San Francisco, Cal.
Stanley Geo. W. Co., Belleville, Ill.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Taunton Rivet Works, Taunton, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12525— Rivets (Tire)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Eagle Bolt & Forging Co., 1435 E 45th, Cleveland, O.
Equipoise Rivet Co., Waterbury, Conn.
Falls River Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Ohio Carriage Mfg. Co., S High, Columbus, O.
Skelly Thos. P. Bolt Co., 24th & Carlton, Phila., Pa.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12526— Rivets (Trunk)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Plume & Atwood Mfg. Co. (Oval Head, Copper), Waterbury, Conn.
Stimpson Edwin B. Co. (& Suit Case), 68H Franklin av, Brooklyn, N. Y.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co. (& Suit Case), Dept. H, 49th & Western av, Chicago, Ill.

12527— Rivets (Tubular)

Equipoise Rivet Co., Waterbury, Conn.
Manufacturers Belt Hook Co. (& Bifurcated), 1321 W Congress, Chicago, Ill.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

12528— Rivets (Wagon Box)

Berry Bros., Columbus, O.
Boss Nut Co., 1734 N Kolman av, Chicago, Ill. *See adv index at end of book*
Clark Bros. Bolt Co., Milldale, Conn. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Equipoise Rivet Co., Waterbury, Conn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12529— Rivets (Wire)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Igoe Brothers (All Standard & Special Heads), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Probst C. F. Mfg. Co., 530 Watertown, Waterbury, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

Rivets & Burrs (Brass & Copper)

See Rivets, Brass & Copper

12530— Road Binders & Preservatives

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa. *See adv index at end of book*
Advance Oil Co., Oil City, Pa.
Amies Road Co. ("Amiscite" auto proof & Non-Slippery Asphaltic Concrete Compounds), Easton, Pa.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Barber Asphalt Paving Co. ("Trinidad"), Liquid & "Bermudez" Road Asphalt), Land Title bldg, Phila., Pa.
Barret Co. ("Tarvia" for Macadam & Gravel Roads), 17 Battery pl, New York
Central Commercial Co., 111 N Market, Chicago, Ill.

ROAD BINDERS & PRESERVATIVES—continued

Chatfield Mfg. Co. ("Tarcote"), Carthage, Cincinnati, O.
Clarendon Refining Co., Clarendon, Pa.
Dustoline For Roads Co. ("Dustoline" for Road), Summit, N. J.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Gulf Refining Co. ("Asphatoil"), Frick bldg annex, Pittsburgh, Pa.
Headley Good Roads Co. ("Biconac"), 301 S 39th, Phila., Pa.
Indian Refining Co. (For Macadam & Gravel Roads), 244 Madison av, New York
International Asphalt Co., 133 W Wash, Chicago, Ill.
King Refining Co. (Oil), 58 Sutter, San Francisco, Cal.
Lewis F. J. Mfg. Co. ("Lewis's" Road Tar), 2513 S Robey, Chicago, Ill. Works, Moline, Ill.
National Refining Co., Rose bldg, Cleveland, O.
National Refining Co., Cleveland, O.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Co., Bank of Com. bldg., St. Louis, Mo.
Pure Oil Co. ("Roadoil"), Lafayette bldg, Phila., Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Solvay Process Co. ("Solvay" Granulated Calcium Chloride), Syracuse, N. Y.
Speare's Alden Sons Co. ("Tascoil"), Cambride, Mass.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S LaSalle, Chicago, Ill.
Standard Oil Co. of Cal. ("Richmond" Road Oil), 200 Bush, San Francisco, Cal.
Standard Oil Co. of N. J. (Road Oils), 26 B'way, New York
Standard Oil Co. of N. Y. ("Standard" Asphalt, Emulsifying Macadam Binders & Road Oils), 555 W 25th, New York
Sun Co., Finance bldg, Phila., Pa.
TEXAS COMPANY ("Texaco," Macadam Binder, etc.), 17 Battery pl, New York
See adv index at end of book
United Gas Improvement Co. ("Ugite"), Broad & Arch, Phila., Pa.
U. S. Asphalt Refining Co. ("Aztec" Road Binder), 90 West, New York
Wadsworth Stone & Paving Co. ("Kentuck" Road Asphalt for Macadam & Gravel Roads), Lambert & P R R, Pittsburgh, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

12531— Road Levelers

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett sq, Pa.
Baker Mfg. Co., Harvard Pk., Springfield, Ill.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Glide Road Machine Co., 501 S E Huron, Mineapolis, Minn.
Kilbourne & Jacobs Mfg. Co., Columbus, O. *See adv index at end of book*
Ohio Road Machinery Co. ("Shuart" Land & "Little Yankee," Contractors' Sub-Grade), Oberlin, O.
Schmeiser Mfg. Co., Davis, Cal.
Sidney Steel Scraper Co. (Tongue Scraper, Leveler & Ditcher), Sidney, O.
STROUD & CO. ("Stroud"), Omaha, Neb.

12532—Road Machines & Graders

Acme Road Machinery Co. (Reversible), Frankfort, N. Y.
Adams J. D. & Co., Indianapolis, Ind.
American Road Machinery Co., Kennett sq, Pa.
Austin Bros., Atlanta, Ga.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Baker, Barron, Inc., 211 W Broadway, New York
Baker Mfg. Co. ("20th Century" Graders), Harvard Pk., Springfield, Ill.
Beach Mfg. Co., Charlotte, Mich.
Buckeye Traction Ditcher Co., Findlay, Ohio
Buffalo Springfield Roller Co., Springfield, Ohio
Case J. I. Threshing Machine Co., ("Case" Graders), Racine, Wis.
Chase Foundry & Mfg. Co. The ("Chase Economy" Graders), 2700 S Parsons av, Columbus, O.
See adv index at end of book
Davis Morris K. ("20th Century" Road Machines), 400 7th, San Francisco, Cal.
Deere & Co. (Graders), Moline, Ill.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Dyar Supply Co., Cambridge, Mass.
See adv index at end of book
Edwards C. D., Albert Lea, Minn.
Feenaughty Machine Co., Portland, Oregon.
Galion Iron Wks. & Mfg. Co. ("Galion," "Ideal," "Premium"), Galion, O.
Glide Road Machine Co., 501 S E Huron, Minneapolis, Minn.
Good Roads Machinery Co. ("Climax"), Kennett Square, Pa.
International Ditching & Road Machinery Co. ("Martin"), Owensboro, Ky.
Linder Grader Co. ("Linder" Steel Reversible), Matthews, Ind.
Little Giant Co. ("Little Giant"), Mankato, Minn.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Monroe N. S. & Sons, Arthur, Ill.
Moore Bros. (Second Hand), 39 S La Salle, Chicago, Ill.
See adv index at end of book
Ohio Road Machinery Co. ("Shuart," "Ohio," Reversible "Little Yankee," Land Graders), Oberlin, O.
Osgood Co., Marion, O.
Owensboro Ditcher & Grader Co., Owensboro, Ky.
Philip Rossman, Stockport, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell Grader Mfg. Co. ("Simplex Russell" Reversible & Elevating Graders), 2005 Univ. av, S E, Minneapolis, Minn.
Scholl, Julian, Co., 126 Liberty, N. Y.
Simplex Farm Ditcher Co. ("Simplex"), Owensboro, Ky.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Smith & Sons Mfg. Co., Kansas City, Mo.
Spokane Culvert & Tank Co., Spokane, Wash.
Stockland Road Machinery Co., Minneapolis, Minn.
STROUD & CO. (Blade Elevating Graders), Omaha, Neb.
Western Wheeled Scraper Co., Aurora, Ill.
Zelg. F. B. Mfg. Co. ("Panama" 2 & 4 Horse), Fredericksburg, O.

12533—Road Oilers or Distributors

American Road Machinery Co., Kennett sp, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Burlingame A. Co. (For Hot Asphaltic Oils), Worcester, Mass.
Cressy Walter ("Pillsbury"), Gloucester, Mass.
Etnyre E. D. & Co. ("Etnyre"), Oregon, Ill.
French Walter S., Moorestown, N. J.
International Motor Co., 262 W 64th, New York
Irish Wm. F., Elec. Supplies ("Johnson"), 130 W 32nd, New York
Kinney Mfg. Co., 3529 Washington, Boston, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
New England Contracting Co., Worcester, Mass.
Standard Mfg. Co. ("Johnston"), Worcester. Mass.
Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Union Iron Works ("Eldus" Hand Drawn), Hoboken, N. J.
Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.
Van Dorn Iron Works Co. (For Oiling Streets), 2700 E 79th, Cleveland, O.

12534— Road Scarifiers

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett Square, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg., Philadelphia, Pa.
Buffalo Springfield Roller Co., Springfield, Ohio
Fuller-Lehigh Co., Fullerton, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Huber Mfg. Co., Marion, O.
Hvass Chas. & Co., 511 E 18th, New York
Ohio Road Machinery Co., Oberlin, O.
Port Huron Engine & Thresher Co. ("Port Huron"), Port Huron, Mich.
pine"), Kingston, N. Y.
Universal Road Machinery Co. ("Porcu-

12535—Road Scrapers (Drag & Wheel)

Acme Road Machinery Co. (Drag & Wheel), Frankfort, N. Y.
American Road Machinery Co., Kennett sp, Pa.
American Steel Scraper Co. ("American," "Banner," "Climax," "Triumph," "Victor," Drag & Wheel), Sidney, Ohio
Baker Mfg. Co. ("Baker Maney" 4 Wheel Scraper), Harvard Pk., Springfield, Ill.
Beach Mfg. Co., Charlotte, Mich.
Chattanooga Wheelbarrow Co. ("Southern" Drag), Chattanooga, Tenn.
Donaldson Bros. (Drag), Mount Clemens, Mich.
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 Van Buren, Chicago, Ill.
Fresno Agri'l Wks. (Drag), Fresno, Cal.
Galion Iron Works & Mfg. Co. ("Universal," "Standard," "Ideal," "Competition," Adjustable Road Drag), Galion, Ohio.
Good Roads Machy. Co., Kennett sq, Pa.
Gowanda Architectural Works (Drag Only), Gowanda, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Holt Mfg. Co. (Drag), Stockton, Cal.
Jackson Mfg. Co. (Drag Only), Fourth & Boyd, Harrisburgh, Pa.
See adv index at end of book
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KILBOURNE & JACOBS MFG. CO. (Pressed Bowl Drag & Wheel), Columbus, Ohio.
See adv index at end of book
Lansing Co. (Steel), Lansing, Mich.
Lehr Agricultural Co. (Drag), Fremont, O.
Linder Grader Co., Matthews, Ind.
Mechanical Mfg. Co. ("Stubbs" Wheeled), Union Stock Yards, Chicago, Ill.
Road Supply & Metal Co. (Adjustable Road Drag & Stationary), Topeka, Kans.
Russell Grader Mfg. Co. (Road Drags), 2005 Univ av, S E, Minneapolis, Minn.
Sherwin E. C. & Son, Brandon, Wis.
Sidney Steel Scraper Co. ("Haslup," "Sidney," "Dreadnaught," "Ground Hog," "Vulcan," "S. S. S.," Square Back, "Great Western" & "Fresno"), Sidney, O.
Skow Mfg. Co. ("Newton" Drag), Newton, Ia.
Slusser-McLean Scraper Co. ("Leader"), Sidney, O.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
See adv index at end of book
Smith & Sons Mfg. Co. ("Royal" Drag & Wheel), Kansas City, Mo.
STROUD & CO., Omaha, Neb.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog," "Buckeye" & "Maumee"), 2400 B'way, Toledo O.
Western Wheeled Scraper Co. ("Western," "Columbian" Drag & Wheel), Aurora, Ill.
Wilder-Strong Implement Co. (Drag), Monroe, Mich.
Wyatt F. Mfg. Co. ("Jayhawk" Drags), Salina, Kans.
Zieg F. B. Mfg. Co. ("Panama" Drags), Fredericktown, O.

12536—Roasters (Coffee & Peanut)

See also Coffee, Peanut & Cocoa Bean Roasting Machines

Atsatt Bros. ("Acme"), Mattapoisett, Mass.
Bartholomew Co. ("Stunner," "Rival," "Ripper," "Nickel Mint" & "Boss" Peanut), Peoria, Ill.
Bay Gottfried, 537 W 50th, New York
Burns Jabez & Sons (C), 567 11th av, New York
Crandall Pettee Co. (P.), 135 Hudson, New York
Cretors C. & Co. (Peanut), 620 W 22d, Chicago, Ill.
Deer A. J. Co. ("Royal"), Hornell, N. Y.
Dunbar & Co. ("Chicago"), 2652 W Lake, Chicago, Ill.
Frazer Mfg. Co., 572 Henderson, Jersey City, N. J.
Geta M & Co., 162 1st, San Francisco, Cal.
Hart Wm., 34 Catherine, New York
Hilbert Machine Co. (P), 2116 Colerain av, Cincinnati, O.
Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
Hubbard S. B. Co., Jacksonville, Fla.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.
Lally M. & Co. ("Peerless"), 29 W 3rd, Cincinnati, Ohio
Lambert Machine Co. (C. & P.), ("Lambert"), Marshall, Mich.
Long W. Z. Co., Springfield, O.
Meek Oven Mfg. Co. ("Meek" Gas for Peanuts), Newburyport, Mass.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Originator Manufacturing Co. ("Wheatcraft" Package & Roaster), 302 B'way, New York
Phillips & Buttorff Mfg. Co. (Peanut Only) Nashville, Tenn.
Stutsman R. O. Co., Des Moines, Ia.

12537—Roasters & Baking Pans

American Stamping & Enameling Co. ("Corona" Enameled Roasters) Bellaire, O.
Griswold Mfg. Co. (Iron), Erie, Pa.
National Enameling & Stamping Co. ("Nesco" Empire Pat'n), 411 5th av, New York
Republic Metalware Co., The ("Savory"), Buffalo, N. Y.
Silver & Co. ("Royal"), 304 Hewes, Brooklyn, N. Y.
Toledo Cooker Co. ("Ideal"), Toledo. O.
Wagner Mfg. Co. ("Wagner Ware," Oval & Round Cast Aluminum & Cast Iron), Sidney, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

12538—Robes (Carriage & Lap)

Ayres Wm. & Sons (Automobile & Carriage), 3rd & Cumberland, Phila., Pa.
Beckman N. O. Company (Wood Carriage & Automobile), Fulton rd, N W, Cleveland, O.
Buell Mfg. Co. (Carriafe, Woolen) St. Joseph, Mo.
Burlington Blanket Co. ("Sho-Fur"), Burlington, Wis.
Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*

Comfort Auto Robe Co., Inc. ("Comfort" Shoulder Protecting, Automobile Robes & Weather-Proof Vests), Waterloo, N. Y.
Curtis & Van Bernuth Mfg. Co. (Carriage), 88 W B'way, New York
Davis Geo. W. (Inc.) ("Davis" Woolen), Worcester, Mass.
Draper Bros. Co. (Waterproof Automobile & Carriage), Canton, Mass.
Esmond Mills, Esmond, R. I.
Eugene Woolen Mill Co., Eugene, Ore.
Goodyear Rubber Co. & Rubber Clothing Co. (Lap), 787 B'way, New York
Gordon J. P. Co. (Radiator & Engine), Columbus, O.
Hodgman Rubber Co. ("Hodgman") 8 W 40th, N. Y.
Hoenigsberger A. ("Perfection" Automobile Shawl, Plush, Cloth, Silk, Fur), 16 S Market, Chicago, Ill.
Holyoke Plush Co. (Plush), Holyoke, Mass.
Huyck F. C. & Sons ("Kenwood"), Albany, N. Y.
Kay Thos. Woolen Mill Co., Salem, Ore.
Kroh C. Z. Mfg. Co. ("Kroh" Storm), Toledo, Ohio.
Mianus Mfg. Co. (Plush Lap), Coscob, Conn.
Wewichawanick Co. (Carriages), South Berwick, Me.
New York Lap Rope Co., 219 Greene, New York
North Star Woolen Mill Co. (Carriage), 228 S 2d, Minneapolis, Minn.
Oregon City Mfg. Co. (Woolen Carriage), Oregon City, Ore.
Riley Wm. B. & Co. (Carriage, Lap & Automobile), 238 Chestnut, Philadelphia, Pa.
Roy Woolen Co., Watervliet, N. Y.
Sanford Mills (Plush), Sanford, Me.
Saxonville Mills (Carriage), 93 Summer, Boston, Mass.
Shayne C. C. & Co. (Fur), 126 W 42nd, New York
Stafford's James Sons, Krams av, Phila., Pa.
Stroock Plush Co. (Plush), Newburgh, N. Y.
Wallace Hugh Co. ("Motorwear" Cloth & Fur Carriage Robes), 2616 E Grand blvd., Detroit, Mich.

12539— *Robes (Motor Car)

Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*

CHASE PLUSH AND WOOL MOTOR ROBES

Hoenigsberger A. ("Perfection"), 16 S Market, Chicago, Ill.

12540— Rock Salt Mfrs.

Retsof Mining Co., 2 Rector, New York
Wadsworth Salt Co., Wadsworth, O.

Rock Wool

See Mineral Wool

12540a— Rockers (Blotter)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

12541— Rockers (Carboy)

Elmer & Amend ("Flaherty"), 205 3rd av, New York
McCord, Horace M. & Co. ("Union"), Lumber Exchange, Minneapolis, Minn.
New York Engravers Supply (Trunidon), 230 W 17th, New York.
Safety First Supply Co., 107H Third av, Pittsburgh, Pa.

12541a—Rod Heaters (Electric)

AMERICAN CAR & FOUNDRY CO., 165 Broadway, New York
See adv index at end of book

12541b— *Rod Mills

TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book

Rods (Aluminum)

See Aluminum, Sheets & Rods

12542—Rods (Anchor or Guy)

American Equipment Co., Norristown, Pa.
Bacon & Matheson Forge Co. (Anchor), 17H W Lander, Seattle, Wash.
Bethlehem Steel Co., So Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Galvanized Products Co., Phillipsburgh, N. J.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hubbard & Co. (Drop Forged & Welded Eyes), 63d & Butler, Pittsburgh, Pa.
Joslyn Mfg. Co. & Supply Co., Chamber of Com bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co., South Milwaukee, Wis.
Merrill Bros., 3 Arnold, Maspeth (Boro of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Stolz Jos. & Son, Inc. (Anchor), 841 E 136th, New York
Wrought Washer Mfg. Co., Milwaukee, Wis.

12543— Rods (Awning)

Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Philadelphia, Pa.
Hubbard & Co. (Galvanized Iron), 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

12543a— Rods (Bessemer)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.

12544—Rods (Bessemer Coppered)

Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Youngstown Sheet & Tube Co., Youngstown, O.

12545— Rods (Black Steel)

Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Kidd Drawn Steel Co., Aliquippa, Pa.

12546— Rods (Brace)

American Equipment Co., Norristown, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Pittsburgh Knife & Forge Co. (Car Frame), Ridge & Chateau, Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wrought Washer Mfg. Co., Milwaukee, Wis.

12547—Rods (Brake Lever Connecting)

Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Electric Welding Co. (Automobile Assemblies), 514 Hart, Detroit, Mich.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

12548—Rods (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co. (Brass & Bronze), Bristol, Conn.
CHASE METAL WORKS ("Chase" also "Chamet" Bronze), Waterbury, Conn.
CHASE ROLLING MILL CO ("Chase" also Bronze), Waterbury, Conn.
Cleveland Brass & Copper Mills, Inc., Euclid, Cleveland, O.
Continuous Rolling Mills, Inc., Garwood, N. J.
Dallas Brass & Copper Co., 225 N Jefferson, Chicago, Ill.
Detroit Copper & Brass Rolling Mills (Also Bronze), Clark av, nr Wabash R. R., Detroit, Mich.
Electric Materials Co., North East, Pa.
French Mfg. Co. (Irregular Shapes & Solid Drawn), Waterbury, Conn.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Great Lakes Steel Products Co., Inc., 431 Dearborn, Chicago, Ill.
Hough W. S., Jr., Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. ("Star," Yellow Metal & Tobin Bronze) 80 Lafayette, New York
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
McKenna Brass Mfg. Co. (Jobbers), 1st av & Ross, Pittsburgh, Pa.
Manhattan Brass Co., 332 E 28th, New York
Marwedel C. W. (Jobbers), 76 1st, San Francisco, Cal.
Merchant & Evans, Washington av & 21st, Phila., Pa.
METAL PRODUCTS CO., 549 W Washington blvd, Chicago, Ill.
Michigan Copper & Brass Co. (Also Bronze), 1611 W Jefferson av, Detroit, Mich.
Mueller Metals Co. (Brass), Port Huron, Mich.
National Brass & Copper Tube Co., Inc., 639 Mission, San Francisco, Cal.
New Jersey Tube Co. (Brass Only), Harrison, N. J.
North American Copper Co., 52 Vanderbilt av, New York
Philadelphia Brass Co., East Downingtown, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co. (Brass Only), Waterbury, Conn.
Riverside Metal Co. (Red & Yellow Brass, Brass Only), Riverside, N. J.
Rome Brass & Copper Co. (Brass & Bronze), Rome, N. Y.
Rome Wire Co. ("Rome Wire" & Bronze), Rome, N. Y. *See adv index at end of book*
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn.
See adv index at end of book
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Taunton-New England Copper Co. (Copper Only), Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 No 7th, Phila., Pa.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Waterbury Rolling Mills, Waterbury, Conn.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington North, Boston, Mass.
See adv index at end of book
Williams & Co., Inc., 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

12549—Rods (Bridge & Roof)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Cleveland City Forge & Iron Co., Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Frelinger J. G. Iron Works, 115 W 2d, Cincinnati, O.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hastings Foundry & Iron Works, Hastings, Neb.
Hedden Iron Construction Co., Lyons Farms, Newark, N. J.
Hoopes & Townsend Co., Broad & Bottonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Bolt & Nut Co., ft of E 63rd, Cleveland, O.
Lanz M. Bolt C., 2907H Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

RODS (BRIDGE & ROOF)—continued
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Old Dominion Iron & Steel Corp., Belle Isle, Richmond, Va.
See adv index at end of book
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av Pittsburgh, Pa.
Preble Edw., 103 Sumner, E B, Boston, Mass.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Republic Auto Parts Co. (For Ford Cars), 81 Tench, Long Island City, New York
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Smith A. L. Iron Wks, Chelsea, Mass.
Smith Thos. Co., Worcester, Mass.
Standard Parts Co., The, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Walker Mfg. Co., Racine, Wis.
Wendt Albert H., 456 E 2d, Cincinnati, O.
Worden-Allen Co., Pt Washington rd, Milwaukee, Wis.

12550— Rods (Bronze)

See also Rods, Manganese Bronze

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Cleveland Brass & Copper Mills, Inc., Euclid, Cleveland, O.
Continuous Rolling Mills, Inc., Garwood, N. J.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Philadelphia, Pa.
Fischer-Sweeney Bronze Co., Hoboken, N. J.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
National Brass & Copper Tube Co., Inc., 639 Mission, San Francisco, Cal.
North American Copper Co., 52 Vanderbilt av, New York
Randolph-Clowes Co. (Marine, for Pistons, Shafting & Forging Stock), Waterbury, Conn.
Riverside Metal Co., Riverside, N. J.
Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
SCOVIL MFG. CO., Waterbury, Conn.
See adv index at end of book
Titan Metal Co., Bellefonte, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

12551-2— Rods (Camber)

Bethlehem Steel Co., So Bethlehem, Pa.

Rods (Carbon)

See Carbon Mfrs.

12553— Rods (Chair)

Corbin Screw Corp., New Britain, Conn.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
National Screw & Tack Co., Stanton av, S. E. & C. P. Ry., Cleveland, O.
Reed & Prince Mfg. Co. (Wood Screw Point), Worcester, Mass.
Russell Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

12553a— Rods (Conductor)

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M & Sons, 2907 Carson, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

12554—Rods (Conduit Wiring & Cleaning)

Bissell F. Co. ("Security," Which Joint & Unjoint), Toledo, O.
Cleverly Electrical Wks, 17 N 17th, Phila. Pa.
Cope T. J. ("Cope's"), 1620 Chancellor, Philadelphia, Pa.
DIAMOND EXPANSION BOLT CO. ("Empire," "Go-Easy," "Trident"), 89 West, New York
See adv index at end of book
Meckel Fred L., 11 E 13th, Chicago, Ill.
National Metal Molding Co. (Automobile & Metallic), 1110 Fulton bldg, Pittsburgh, Pa.
Standard Underground Cable Co. ("Empire," Duct Rods), Westinghouse bldg, Pittsburgh, Pa.
Vaughn Machinery Co., Cuyahoga Falls, Ohio *See adv index at end of book*
Waldo Bros. & Bond Co. ("Felton"), 181 Congress, Boston, Mass.

12555— Rods (Connecting)

American Forge Works, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Boston Forge Co., E Boston, Mass.
Brylgon Steel Casting Co. (Cast Steel), New Castle, Pa.
Camden Forge Co. (Pump), Camden, N. J.
Carnegie Steel Company, Carnegie bldg, Pittsburgh, Pa.
Chester Steel Castings Co., 407 Sanson, Phila., Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Columbus Anvil & Forging Co., Columbus, O.
Crucible Steel Co. of America (Forged), Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Ellwood City Forge Co., Ellwood City, Pa.
Erie Forge Co. (Forged), Erie, Pa.
Ferry Cap & Set Screw Co., 2149 Scranton rd, Cleveland, O.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Ingalls-Shepard Forging Co., 332 S Michigan, Chicago, Ill.
Ives Mfg. Co. (Ford), Oswego, N. Y.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kelter-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Ladish Drop Forge Co., Cudahy, Wis.
Lansing Forge Co., Lansing Mich.
Layman Pressed Rod Co., Inc., 25 Broad, New York.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Legler-Ellerman Co., Dayton, O.
Mesta Mach. Co. (Forged Steel), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Ohio Forge Co. (Forged), Cleveland, O.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Penna Forge Co., Jenks & Bath, Philadelphia, Pa.
Pettibone, Mulliken & Co., 14 S Dearborn, Chicago, Ill.
Phila. Steel & Forge Co., 50 Church, New York
Pittsburgh Knife & Forge Co. (Brake Lever), Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR. Pittsburgh, Pa.
Pollak Steel Co., Cincinnati, O.
Pratt & Letchworth Co., Buffalo, N. Y.
Reading Iron Co., Reading, Pa.
Richmond Forgings Corp. (Drop Forged), Richmond, Va.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa.
Steel Products Co., 2206 Clarkwood av, S E. Cleveland, O.
Tindel-Morris Co., Eddystone, Pa.
Titusville Forge Co., Titusville, Pa.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co. (Automobile), Breckenridge, Pa.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wood & Spencer Co., 1930 E 61st, Cleveland, Ohio

12556— Rods (Core)

Advance Engineering Co., Metta av, Cleveland, O.
FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Franklin Core Rod & Gagger Co., Franklin, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book

12557— Rods (Curtain)

American Ring Co., Waterbury, Conn.
Barrett W. C. & Bro. ("Barrett" Flexible), 603 N La Salle, Chicago, Ill.
Berbecker & Rowland Mfg. Co. (& Brass Curtain Fixtures), Waterville, Conn.
Blake Signal & Mfg. Co. ("Snap" Extension), 251 Causeway, Boston, Mass.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Fowler & Co., Worcester, Mass.
Gould-Mesereau Co. (Extension), 52 W 38th, New York
Henry C. P. Novelty Co. (Extension), 184 Early, Providence, R. I.
Jamestown Curtain Rod Co. ("Anchor"), Jamestown, N. Y.
Kirsch Mfg. Co., Sturgis, Mich.
Newell Mfg. Co. (Brass, Steel & Brass Plated Extension), Ogdensburg, N. Y.
Parker Wire Goods Co. (Sash & Drapery Extension), Worcester, Mass.
Richards Benj. & Co., Winsted, Conn.
Turner & Seymour Mfg. Co. ("Curvex"), Torrington, Conn.
Wickwire Spencer Steel Corp. ("Fowler"), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.

12558— Rods (Dock)

American Equipment Co., Norristown, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Continental Bolt & Iron Works, 2225 W 43rd, Chicago, Ill
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.

12558a— Rods (Dowel)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847
E. B. ESTES & SONS
Manufacturers of
White Birch and Hardwood Dowel Rods
Grooved and Pointed Furniture Dowel Pins, Beaded and Rope Twist Dowels, Spindles, Knobs, Betwells and Automatic Lathe Work for Furniture Factories.
364 5th AVENUE NEW YORK CITY

South Bend Dowel Works, South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

12559— Rods (Drill)

Aborn Steel Co. (Regular & Special), 22 Clarke, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BLANCKE A. C. & CO. (Polished High Speed and Carbon), 602 S Lake, Chicago, Ill.
Boker H. & Co., Inc., 101 Duane, New York
Century Steel Co. of Am., Poughkeepsie, N. Y.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Crucible Steel Co. of America (Polished, Scoured, Lime-Finished High Speed Steel), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Frasse Peter A. & Co. (Inc.), ("Brunton's"), Also High Speed), 417 Canal, New York
Globe Wire Co. (Ltd.) (Polished), Sharpsburg, Pa.
Greaves Robt. K. & Co., 1336 W Washington blvd, Chicago, Ill.
HALCOMB STEEL CO. (Crucible Steel), Syracuse, N. Y.
See adv index at end of book
Kidd Drawn Steel Co. (Polished, Square & Special), Aliquippa, Pa.
Lancaster Steel Products Co., Lancaster, Pa.
National Drawn Steel Co., East Liverpool, Ohio
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peerless Drawn Steel Co., Massillon, O.
Pittsburgh Tool Steel Wire Co. ("Monaca," "Champion"), Monaca, Pa.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
WETHERELL BROS. CO., 251 Albany, Cambridge, Mass.
See adv index at end of book
Wickwire Spencer Steel Corp. (High Speed Steel), Worcester, Mass.

12560—Rods (End Measuring)

Brown & Sharpe Mfg. Co., Providence, R. I.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

12561— Rods (Eye)

See also Bolts, Hook & Eye

Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.

Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Merrill Bros., 3 Arnold, Maspeth (Boro of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.

Rods (Fibre)

See Fibre, Hard

12562— Rods (Fishing)

Bogert & Hooper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Divine Fred D. Co., Utica, N. Y.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Heddon Jas. & Son ("Dowagiac"), Dowagiac, Mich.
Horrocks-Ibbotson Co., Utica, N. Y.
Horton Mfg. Co. ("Bristol," "Rainbow," "Luckie" Steel), Bristol, Conn.
Montague City Rod Co., Montague City, Mass.
Orvis Chas. F. Co. (Split Bamboo), Manchester, Vt.
Payne E. F. & Son, Highland Mills, N. Y.
Pepper John, Sr., Rome, N. Y.
Redifor Rod & Reel Co. ("Redifor," Bamboo & Hardwood), Warren, O.
Richardson Steel Fishing Rod Co. ("Brookside"), 536H Lake Shore Drive, Chicago, Ill.
Thomas Rod Co. ("Thomas" Split Bamboo), Bangor, Me.
Union Hardware Co. (Steel), Torrington, Conn.
Van Doren Mfg. Co. ("Champion" Steel), Chicago Heights, Ill.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12563-4—Rods (Gauging & Wantage)

Kraft A. C. (Barrel), 323 W Lake, Chicago, Ill.
Lufkin Rule Co., Saginaw, Mich.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

Rods (Glass)

See Tubing, Glass

Rods (Gun Cleaning)

See Tools, Gun Cleaning & Reloading

Rods (Hard Fibre)

See Fibre, Hard

12565—Rods (Hollow Drill)

Crucible Steel Co. of America (Steel), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Plass L. Co., 132 Pearl, New York
Seamless Tube Co. of America (Seamless Cold Drawn Steel), Frick bldg, Pittsburgh, Pa.

12566— Rods (Hydrant)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Hauer J. B., 23 Richardson, Brooklyn, N.Y.
Hays Mfg. Co., Erie, Pa.
Salem Brass & Iron Mfg. Co., Salem, N. J
Sanitary Co., Dept. H, Linfield, Pa.

12567— Rods (Leveling)

Buff & Buff Mfg. Co., 98 Green, Jamaica Plains, Boston, Mass.
Chicago Steel Tape Co., 6231 Cottage Grove av, Chicago, Ill.
Gurley W. & L. E. (& Stadia Rods), Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.

12568-9—Rods (Manganese Bronze)

American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parson's" Beach & Ball), Phila., Pa.
Economy Welding Machine Co. ("Economy"), Kansas City, Mo.
Reeves Paul S. & Co. (Rolled), 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

12570— Rods (Measuring)

Aloe A. S. Co., 513 Olive, St. Louis, Mo.
Brown & Sharpe Mfg. Co., Providence, R. I.
Elliott B. K. Co. (Level & Mine), 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Pratt Engineering & Machine Co. (Acid), Atlanta, Ga.
Pratt & Whitney Co., Hartford, Conn.
Scott Olin (Est. of) (U. S. Standard), Bennington, Vt.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

12571— Rods (Mitre)

Disston Henry & Sons (Masons), Tacony, Phila., Pa.

12572— Rods (Monel Metal)

Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co. (Round, Flat & Special Shapes), Morristown, N. J.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Monel Metal Products Corp. (Hot Rolled & Cold Drawn), Bayonne, N. J.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, N Boston, Mass.
See adv index at end of book
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, Pittsburgh, Pa.
See adv index at end of book

12573—Rods (Morris Chair)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12574—*Rods (Naval Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12574a— Rods (Nickel)

Alloy Metal Wire Co., 154 Nassau, New York. *See adv index at end of book*
Monel Metal Products Corp., Bayonne, N. J.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill. *See adv index at end of book*
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, Pittsburgh, Pa.
See adv index at end of book

12574b— Rods (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn. *See adv index at end of book*
Besly Chas. H. & Co. (Jobbers), 120 E Clinton, Chicago, Ill.
Chase Metal Works ("Chase"), Waterbury, Conn.
Chase Rolling Mill Co. ("Chase"), Waterbury, Conn.
Hough W. S., Jr., Co., 61 Peck, Providence, R. I.
North American Copper Co., 52 Vanderbilt av, New York
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Shimer, McGlynn & Co., 19th & Washington av, Phila., Pa.
Stimpson Edwin B. Co., 852 Kent av, Brooklyn, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, N Boston, Mass.
See adv index at end of book

12575—Rods (Phosphor Bronze)

Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Merchant & Evans, Washington av. & 21st, Phila., Pa.
North American Copper Co., 52 Vanderbilt av, New York
PHOSPHOR BRONZE SMELTING CO., 2200 Washington av, Philadelphia, Pa. Pa.
Reeves Paul S. & Co. (Rolled), 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co., Seymour, Conn.
Shimer, McGlynn & Co., 19 & Washington av, Philadelphia, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book

12575a— Rods (Pinion)

Meisselbach-Catucci, Mfg. Co., 56 Stanton, Newark, N. J.
See adv index at end of book

12576— Rods (Piston)

AMERICAN BRASS CO. (Tobin Bronze), Waterbury, Conn.
For branch offices see adv index at end of book
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Forge Works, Denver, Col.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Boston Forge Co. (Steel), E Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brightman Mfg. Co., Columbus, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Camden Forge Co. (Locomotive), Camden, N. J.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Chambersburg Engng Co. (Hammers), Chambersburg, Pa.
Columbia Steel & Shafting Co., Carnegie, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Erie Forge Co. (Heads, Hollow Bored or Solid), Erie, Pa.
Igoe Brothers (In Rolls, Plain & Slate Surface), 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Laclede Steel Co., Arcade bldg (Drop Steam Hammers), Federal Bank bldg, St. Louis, Mo.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
National Forge & Tool Co., Irvine, Pa.
Penna. Forge Co., Jenks & Bath, Phila., Pa.
Phila. Steel & Forge Co., 50 Church, New York
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reading Iron Co., Reading, Pa.
Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.
Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.
See Branch Offices Alphabetical Section
Riverside Metal Co. (Red & Yellow Brass, Bronze, Manganese Bronze, Phosphor & Acid Resisting Bronze), Riverside, N. J.
Standard Steel Wks. Co., Morris bldg, Phila., Pa.
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.
Titusville Forge Co., Titusville, Pa.
Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.
Withers Foundry & Machine Works, Atlanta, Ga.

Rods (Platinum)

See Platinum, Sheet & Wire

12577— Rods (Pump)

AMERICAN STEEL & WIRE CO., 203 S La Salle, Chicago, Ill.
See adv index at end of book
American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Bliss & Laughlin, Harvey, Ill.
COLUMBUS SUCKER ROD CO. THE, Columbus, O.
Cook August D., Lawrenceburg, Ind.
Fitzsimons Co. (Polished Steel), Youngstown, O.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Norris W. C., Tulsa, Okla.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.
Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.
See Branch Offices Alphabetical Section
Riverside Metal Co. (Red & Yellow Brass), Phosphor Bronze, Manganese & Acid Resisting Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.
Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.
WILLIAMS & CO. (INC.) (Monel Metal), S Dearborn, Chicago, Ill.
Pa. *See adv index at end of book*

12577a—*Rods ("Pyralin")

DU PONT E. I. DE NEMOURS & CO. INC., Pyralin Div. (Colored & Colorless, Transparent, Tortoise Shell, Bronze, Grain Ivory, Pearl, White, Black & All Other Colors), Wilmington, Del.
See adv index at end of book

12577b— Rods (Radius)

Bear Mfg. Co., Dept. H, Rock Island, Ill.
Bridgers J. D. Co., Dept. H, Florence, S. C.

RODS (RADIUS)—continued
Burgess-Norton Mfg. Co., Dept. H, Geneva, Ill.
Frazier W. S. & Co. (For Fords), Dept. H, Aurora, Ill.
G. B. Garage & Mfg. Co. Inc., Dept. H, Hempstead, N. Y.
Green Bay Drive Calk Co., Dept. H, Green Bay, Wis.
Hudson Motor Specialties Co., 1932H Arch, Phila., Pa.
Prescott J. B. & Son, Dept. H, Webster, Mass.
Republic Auto Parts Co., Inc., Dept. H, Vernon av & 10th, Long Island City, N. Y.
Standard Steel Tube Co., Dept H, Toledo, Ohio.
Steel Products Co., 2206H Clarkwood av, Cleveland, O.

12578— Rods (Rake)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

12579— *Rods (Resistance)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12580— Rods (Rivet)

Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.

12581—Rods (Roller Bearing)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Union Drawn Steel Co. (Cold Drawn High Carbon Steel), Beaver Falls, Pa.
Washburn Wire Co., Phillipsdale, R. I.

Rods (Rubber)

See Rubber Rods & Sheets

12582—Rods (Sash Curtain)

Res Mfg. Co. ("Res"), 2907 Meinecke av, Milwaukee, Wis.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass.
See adv index at end of book
Williams White Co. (Straight), Moline, Ill.
Wire Goods Co. (Adjustable), Worcester, Mass.

12583— Rods (Screw)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Disston Henry & Sons, Tacony, Phila., Pa.
Fitzsimons Co. (Polished Steel), Youngstown, O.
Jones & Laughlin Steel Co. (Steel Bessemer), Ross, Pittsburgh, Pa.
Parker Chas. Co., Meriden, Conn.
Peck, Stow & Wilcox Co. ("Samson"), Southington, Conn.

12583a— Rods (Seat)

Reed & Prince Mfg. Co., Worcester, Mass.

12584— Rods (Sewer)

Bissell F. Co. ("Security," Which Joint & Unjoint With Attachable Tools), Toledo, O.
Diener Geo. W. Mfg. Co., 40 Monticello Co, Chicago, Ill.
Healey P. J., 39 Cortlandt, New York
Waldo Bros. & Bond Co. ("Felton"), 181 Congress, Boston, Mass.

12585— Rods (Side)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Camden Forge Co. (Locomotive), Camden, N. J.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Erie Forge Co. (For Brick Machines), Erie, Pa.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Standard Steel Wks. Co., Morris bldg, Phila., Pa.

12586— Rods (Silo)

American Equipment Co., Norristown, Pa.
Hamilton Wm. Sons Car Co., Newark, O.
Inland Steel Co. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.
Irving Robert M., Syracuse, N. Y.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

12587— Rods (Stair)

Berbecker & Rowland Mfg. (Brass Plated), Waterville, Conn.

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Judd H. L. Co., 87 Chambers, New York
Kroder John & Hy. Reubel Co. (Wood, etc), 107 E 17th, New York
Turner & Seymour Mfg. Co. (Metal), Torrington, Conn.

12588— Rods (Steel)

Columbia Steel Co., 503 Market, San Francisco, Cal.
Dominion Iron & Steel Co., Ltd., 15 John, New York
Ft. Wayne Iron Steel Rolling Mills, W Taylor, Ft. Wayne, Ind.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Hammond Steel Co., Inc., Syracuse, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Rods (Steel Hammer)

See Rods & Rams, Steel Hammer

12589— Rods (Stove)

Adams Company (Jobbers), (Slotted Heads), Dubuque, Ia.
American Screw Co., 21 Stevens, Providence, R. I.
Berry Bros. (And Seat), Columbus, O.
Boston Forge Co. (Steel), E, Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brightman Mfg. Co., Columbus, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carbon Steel Co., ft. 32d, Pittsburgh, Pa.
Columbia Steel & Shafting Co., Carnegie, Pa.
Corbin Screw Corporation, New Britain, Conn.
Crucible Steel Co. of America, Oliver, bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Corp., Sharon, Pa.
Fanner Mfg. Co., Cleveland, O.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Stanton av S E & C. & P. Ry, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Troy Nickel Works, Albany, N. Y.
Upson Nut Co., Cleveland, O.
Washburn Wire Co., Phillipsdale, R. I.
Wehrle Co., Newark, O.

12590— Rods (Sucker)

American Well Works, The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Axelson Machine Co. ("Axelson"), Boyle av & Huntington Park, Los Angeles, Cal.
Beede M. W. & Son, Jefferson, O.
Bradford Supply Co., Bradford, Pa.
COLUMBUS SUCKER ROD CO. THE, Columbus, O.
Cook August D. (Wood), Lawrenceburg, Ind.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Driller Co., Beaver Fall, Pa.
See adv index at end of book
Norris W. C., Tulsa, Okla.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Vogan J. P., Franklin, Pa.
Weinman Pump Mfg. Co. (Wood), 300 Spruce, Columbus, O.

Rods (Tedder)

See Rods, Rake

12591— Rods (Threaded)

American Equipment Co., Norristown, Pa.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York

12592— Rods (Tie)

American Bridge Co. (For Steel Railways, Roofs, etc), 30 Church, New York
American Equipment Co., Norristown, Pa.
Ames W. & Co., Woodward, Jersey City, N. J.
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So. Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.
Harrison Bolt & Nut Co., Harrison, N. J.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Merrill Bros., 3 Arnold, Maspeth (Boro of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Mulvey Chas Mfg. Co., 1840 Carroll av, Chicago, Ill.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O
See Branch Offices Alphabetical Section
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co. (Upset or Plain Threaded), Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Western Tool & Forge Co., Brackenridge, Pa.
Williams White Co., Moline, Ill.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

12593—*Rods ("Tobin" Bronze & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12594— Rods (Towel)

See also Racks, Towel

American Tube & Stamping Co. (Removable, Adjustable, Can Be Made Any Length), Bridgeport, Conn.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Stephenson C. H. ("Stephenson" Glass & Metal), Lynn, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Rods (Truss)

See Rods, Bridge & Roof
See adv index at end of book

12594a— *Rods (Umbrella)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

12595— Rods (Upset)

American Bridge Co., 30 Church, New York
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So. Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Gary Screw & Bolt Co. (With Upset or Plain Ends), Gary, Ind.
Hamilton Wm. Sons Car Co., Newark, Ohio
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
New Castle Steel & Iron Co., Pittsburgh, Pa.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.
Old Dominion Iron & Steel Corp., Belle Isle, Richmond, Va.
See adv index at end of book
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co. (With Upset or Plain Ends), Preble av, Pittsburgh, Pa.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Valley Forging Co., Verona, Pa.

12596—Rods (Ventilator Controlling)

Peters Jas. & Son, 1934 N Front, Phila., Pa.

12597—Rods (Vulcanized Fibre)

See also Fibre, Hard

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
CONTINENTAL FIBRE CO. (Also "Bakelite-Dilecto" & "Continental Bakelite"), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Bridgeport, Pa.
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book

12598— Rods (Welding)

Atlas Foundry Co., Lyons av & Coit, Irvington, N. J. *See adv index at end of book*
Bierman-Everett Foundry Co., Irvington, N. J.
Carbic Mfg. Co. (Oxy-Acetylene), Duluth, Minn.
Connecticut Electric Steel Co., Inc. (Arc & Gas for Steel, Gas for Iron), Hartford, Conn.
Economy Welding Machine Co. (Aluminum, Brass, Cast Iron, Phosphor Bronze, Steel & Swedish Wire), Kansas City, Mo.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
MacLleod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Aluminum Co., Racine, Wis.
Ohio Electrolytic Oxygen Co. ("Armco"), 942 Kenyon av, Cincinnati, O.
Page Steel & Wire Co., Grand Central Terminal, New York

12599—Rods (White Metal)

Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co., Seymour, Conn.

12600— Rods (Wire)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
AMERICAN STEEL & WIRE CO. (Of Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Steel Co. (Bessemer Steel), Ashland, Ky.
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carpenter Steel Co., Reading, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Dominion Iron & Steel Co., Ltd., 15 John, New York
Gulf States Steel Co., Birmingham, Ala.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co. (Bessemer & Open Hearth), 104 S Michigan av, Chicago, Ill.
Kokomo Steel & Wire Co. (Small), Kokomo, Ind.
McInnes Charles E. & Co., Mariner & Mchts. bldg Phila., Pa.
Page Steel & Wire Co., Grand Central Terminal, New York
Phillips F. R. & Sons Co., NW Cor. 15th & Chestnut, Phila., Pa.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Rownson, Drew & Clydesdale, Inc., 80 Wall, New York
Standard Underground Cable Co. (Copper Wire Only), Westinghouse bldg, Pittsburgh, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12601— Rods (Wood Saw)

Disston H. & Sons, Tacony, Phila., Pa.
Sargent & Co. ("Ajax"), New Haven, Conn.

12602—Rods (Yellow Metal)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12603— Rods (Zinc)

Edes Mfg. Co., Plymouth, Mass.
Hough W. S. Jr., Co., 61 Peck, Providence, R. I.
Merchant & Evans (For Battery & Other Purposes), Washington av & 21st, Phila., Pa.
North American Copper Co., 52 Vanderbilt av, New York
Stimpson Edwin B. Co. (Flat & Coils), 852 Kent av, Brooklyn, N. Y.

12604—Rods & Rams (Steel Hammer)

Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Erie Forge Co. (Enlarged Base, Rectangular), Erie, Pa.
Hammond Steel Co., Inc., Syracuse, N. Y.
Titusville Forge Co., Titusville, Pa.

12605—Roll Bars & Bed Plates (Paper Mill Engine)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Bolton John W. & Sons, Inc., Lawrence, Mass.
Clark H. C. & Son Machine Co., Lee, Mass.
Dayton Beater & Hoist Co., Dayton, O.
See adv index at end of book
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Special Alloy Roll Bars for Beating Engines), Fulton, New York
Dowd R. J. Knife Works, Beloit, Wis.
Eagle Knife & Bar Co., Lawrence, Mass.
Hankey A. & Co., Rochdale, Mass.
Holyoke Bar Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosic Falls, N. Y.
Shartle Bros. Machine Co., Middletown, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stolz Jos. & Son, Inc. (Bed Plates), 841 E 136th, New York
Taylor, Stiles & Co., Riegelsville, N. J.

12606—Roll Grinding & Corrugating

Acme Mill Works, Greensboro, N. C.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Am. Metallic Packing Co., Lexington, Ky.
Barnard Mfg. Co., Spokane, Wash.
Barnard & Less Mfg. Co., Moline, Ill.
Barry-Wehmiller Machinery Co., 4660 Florissant, St. Louis, Mo.
Beaton & Corbin Mfg. Co., Southington, Conn.
Buffalo Engine Co., Buffalo, N. Y.
Caldwell W. E. Co., Louisville, Ky.
Cornelius Mill Furnishing Co., 11119 N 6th, St. Louis, Mo.
Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.
Nashville Machine Co., Nashville, Tenn.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Reilly A. E., 179 Eagle, Buffalo, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.
Salem Foundry & Machine Works, Salem, Va.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Simpson-Orville Co., Cincinnati, O.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., 445 Guilford av, Baltimore, Md.
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Western Foundry & Machine Works, Topeka, Kans.
Wolf Co., Chambersburg, Pa.

12607— Roller Coasters

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Phila. Toboggan Co. (& Water Rides), 130H E Duval, Germantown, Phila., Pa.
Rundle Novelty Co., 142 N 3rd, Columbus, O.
Woodstock Mfg. Co., Dept. H, Rochester, N. Y.

Roller Mills

See Mills, Roller Grinding

12608— Roller Skate Parts

Westport Mfg. Co., Fall River, Mass.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

12609—Roller & Pulverizer Combined

Bucher & Gibbs Plow Co., Canton, O.
Crookston Mfg. Co., Crookston, Minn.
Dunham Co. ("Dunham"), Berea, O.
Fulton Machine Co. ("The Cyclone"), Canal, Fulton, O.
Ohio Cultivator Co. (Sizes 6, 7½, 9, 12 ft.), Bellevue, O.
Peterson Mfg. Co., Kent, O.
Sterling Mfg. Co., Sterling, Ill.

12610— Rollers (Awning)

Columbia Mills, Inc., 225 5th av, New York
Stevenson Mfg. Co. (Wood), South Bend, Ind. *See adv index at end of book*

12611— Rollers (Barn Door)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Arnold Co., Norwalk, Conn.
Cheney S. & Son, Manlius, N. Y.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Lawrence Bros., ("Union," "Faultless"), Sterling, Ill.
National Mfg. Co., Sterling, Ill.
Ney Mfg. Co., Canton, O.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Swineford G. A. Co., Canton, O.
Wrightsville Hardware Co., Wrightsville, Pa.

12612—Rollers (Barn Door, Stay)

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Frantz Mfg. Co. ("Glide"), Sterling, Ill.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
National Mfg. Co., Sterling, Ill.
Penn. Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.
Sargent & Co., New Haven, Conn.
Stowell Co., The, So. Milwaukee, Wis.

12613— Rollers (Cable)

(For Pulling in Cables)

Bissell F. Co., Toledo, O.
Fairmount Electric & Mfg. Co, 59th & Woodland av, Phila., Pa.
Specialty Device Co. ("Bierce"), 106 W 3rd, Cincinnati, O.

Rollers (Car Curtain)

See Rollers & Fixtures, Car Curtain

12614—Rollers (Car Door Lumber)

American Logging Tool Co., Evart, Mich.
Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust, St. Louis, Mo.

12614a— Rollers (Caster)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Delaware Hard Fibre Co. (Hard Fibre "Egyptian"), Wilmington, Del.
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

12615— Rollers (Concrete)

Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika," Bush Hammer, Indentation, etc), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. ("Crescent," also Fancy Rollers for Walls & Walks, Bronze & Iron), 703 S B'way, St. Louis, Mo.
Heltzel Steel Form & Iron Co. (Road), Warren, O.
Kramer Bros. Foundry Co. ("Gem" Hand Rollers for Cement Sidewalks), Dayton, O.
Ransome Concrete Machinery Co., Dunellen, N. J.

Rollers (Copper Printing)

See Textile Machinery, Etc

12616—Rollers (Drawer, Ball Bearing)

Pressed Steel Mfg. Co. ("Knipe"), The Land Title bldg, Phila., Pa.

12617-8— Rollers (Fibre)

American Vulcanized Fibre Co., Equitable bldg, Wilmington, Del.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
SPAULDING J. & SONS CO., INC. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*

Rollers (Flue)

See Expanders, Tube

12619—Rollers (House Movers')

Brunner & Lay (also Machinery Movers'), 570 W Polk, Chicago, Ill.
La Plant-Choat Mfg. Co. (also machinery movers), Cedar Rapids, Ia.
Ransome Concrete Machinery Co. (Also Machinery), Dunellen, N. J.

12620— Rollers (Incline)

Gustafson Mfg. Co., Chattanooga, Tenn.

12621—Rollers (Land & Field)

American Bell & Foundry Co., Northville, Mich.
American Road Machinery Co., Kennett sq, Pa.

ROLLERS (LAND & FIELD)—continued
American Scale Co., Kansas City, Mo.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's W. G. Son, Ionia, Mich.
Avery B. F. & Sons, Louisville, Ky.
Barley Thos. K., Sedalia, Mo.
Beatrice Iron Works, Beatrice, Neb.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Brillion Iron Works, Brillion, Wis.
Bucher & Gibbs Plow Co. (Steel, T-Bar, Tubular, Clod Crushers & Pulverizers), Canton, O.
Buch's A. Sons Co., Elizabethtown, Pa.
California Plow Co., 140 Polhenus, San Jose, Cal.
Conner J. W. & Son (Cast-Head & Bolted Plank), Orangeville, Pa.
Dayton-Down Co., Quincy, Ill.
Deats Hiram Jr., Pittstown, N. J.
Donaldson Bros. (Iron & Wooden), Mount Clemens, Mich.
Duisdieker Foundry & Mfg. Co. (Clod Crushers), Pekin, Ill.
Dunham Co. ("Water-Weight"), Berea, O.
Everts Mfg. Co., Meridian, N. Y.
Gale Mfg. Co. (Steel or Wooden Frame), Albion, Mich.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Gowanda Agricultural Works, Gowanda, N. Y.
Greenville Implement Co., Greenville Mich.
Harder Mfg. Co., Cobleskill, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Imboden Harrow & Roller Co., Cleona, Pa.
King Drill Mfg. Co., Nebraska City, Nebr.
Lehr Agricultural Co. (Steel Shell), Fremont, O.
Massey-Harris Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Mountville Mfg. Co. ("Superior"), Mountville, Pa.
Munnsville Plow Co. (Steel or Wood), Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Patterson Mfg. Co., Holly, Mich.
Peek's S. H. Sons, East Aurora, N. Y.
Peterson Mfg. Co., Kent, O.
Ripson Wm. & Son, Youngstown, N. Y.
Sheer E., Lincoln, Ill.
Sherwin E. C. & Son, Brandon, Wis.
Tanner D. F., Holland, N. Y.
Thornburgh Mfg. Co. ("Champion" & "National"), Bowling Green, O.
Topeka Foundry & Iron Works (For Packing Soil), Topeka, Kans.
Weaver & Co. ("Ideal"), New Oxford, Pa.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wilder-Strong Implement Co., Monroe, Mich.
Yorks Henry (Machinists'), Honeoye Falls, N. Y.

Rollers (Lawn Mower)

See Rollers, Wood

12622—Rollers (Lawn & Garden)

American Road Machinery Co., Kennett sq, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Buch's A. Sons Co. ("Keystone"), Elizabethtown, Pa.
Buffalo Springfield Roller Co. (Landscape Only, Steam & Gasoline), Springfield, O.
Donaldson Bros. Mount Clemens, Mich.
Dunham Co. ("Water Weight" Cast Iron & Steel), Berea, O.
Gowanda Agricultural Works, Gowanda, N. Y.
Harriman Mfg. Co. ("Keystone"), Harriman, Tenn.
Lansing Co., Lansing, Mich.
Messinger Mfg. Co., Tatamy, Pa.
Mott J. L. Iron Works, Trenton, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Supplee-Biddle Hardware Co., 510 Commerce, Philadelphia, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Whitehurst R. W. Mfg. Corp. ("Boss") Norfolk, Va.
Wilder-Strong Implement Co., Monroe, Mich.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

12623— Rollers (Lumber)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Logging Tool Co., Evart, Mich.
Basic Mfg. Co., Wilmington, Del.
Ransome Concrete Machinery Co. (Double Extension), Dunellen, N. J.

12624— Rollers (Mangle)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.
Estes E. B. & Sons, 364 5th av, New York.
See adv index at end of book

12624a— Rollers (Map)

Estes E. B. & Sons, 364 5th av, New York.
See adv index at end of book

12625— Rollers (Mine)

Hardwood Mine Roller Co., Punxsutawney, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.

12626—Rollers (Paper Hangers')

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Bullock Mfg. Associates, Springfield, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.

12627—Rollers (Paper Machine)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Empire Tire & Rubber Corp., Trenton, N. J. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12628-9—Rollers (Pipe)

Dunham Co. (Also Tee Bar Rollers), Berea, O.
Falls Rivet Co., Kent, O.
Grabler Mfg. Co. (Cast Iron, also Roller Hangers & Bolts, etc.), Cleveland, O.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. RR., Pittsburgh Pa.
Stevenson Mfg. Co. (Wood), South Bend, Ind. *See adv index at end of book*

12630— Rollers (Puddling)

Buffalo Springfield Roller Co., Springfield, Ohio
Universal Road Machinery Co. ("Universal" for Reservoir & Embankment Work), Kingston, N. Y.

12630a— Rollers (Pulley)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes, E. B. & Sons (Wood), 364 5th av New York. *See adv index at end of book*

12631—Rollers (Reversible Road)

American Road Machinery Co., Kennett Sq, Pa.
Enterprise Co., Columbiana, O.

12632—Rollers (Road, Horse Power)

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett sq, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Case J. I. Threshing Machine Co. ("Case"), Racine, Wis.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Enterprise Co., Columbiana, O.
Galion Iron Works & Mfg. Co., Galion, O.
Universal Road Machinery Co. ("Universal" Plain & Reversible), Kingston, N. Y.

12633—Rollers (Road, Kerosene)

Acme Road Machinery Co., Frankfort, N. Y.
Buffalo Springfield Roller Co. (and gasoline) ("Kelly-Springfield"), Springfield, O.

12634—Rollers (Rubber Covered)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Miller Rubber Co., Akron, O.
N. J. Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
Plymouth Rubber Co., Canton, Mass.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12635-6— Rollers (Sash)

Corbin P. & F., New Britain, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

12637— Rollers (Shade)

American Shade Roller Co. (Self-Acting), 151 33d, Brooklyn, N. Y.
Am. Tube & Stamping Co. (Pressed-Steel Parts), Dept. H, Bridgeport, Conn.
Bailey & Weston, 81 Washington N, Boston, Mass.
Columbia Mills Inc. ("Quaker"), 225 5th av, New York
Cowles C. & Co. (Carriage, etc), New Haven, Conn.
Hartshorn Stewart Co., Grand av, Newark, N. J.
Haviland Shade Roller Co., 407 Broome, New York
Standard Shade Roller Co. (Also Accessories), Ogdensburg, N. Y.
Vermont Shade Roller Co., Burlington, Vt.

12637a— Rollers (Skate)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12638—Rollers (Sliding Door)

Richards-Wilcox Mfg. Co., Aurora, Ill.

12639—Rollers (Steam Asphalt)

Acme Road Machinery Co., Frankfort, N. Y.
Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Universal Road Machinery Co., Kingston, N. Y.

12640—Rollers (Steam Golf Course)

Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.

12641—Rollers (Steam Road)

Acme Road Machinery Co., (Gasoline Roller), Frankfort, N. Y.
American Road Machinery Co. ("Monarch"), Kennett Square, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Baker A. D. Co., Swanton, O.
Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. ("Buffalo-Pitts"), Springfield, O.
Davis Norris K. ("20th Century"), 400 7th San Francisco, Cal.
Erie Machine Shops (Asphalt), Dept. H, Erie, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Green L. A., First Natl. Bank bldg, Pittsburgh, Pa.
Huber Mfg. Co. ("New Huber" Comb. Road Roller & Traction Engine), Marion, O.
Moore Bros. (Second Hand), 39 S La Salle, Chicago, Ill. *See adv index at end of book*
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delavan, Brooklyn, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Universal Road Machinery Co., Kingston, N. Y.

Rollers (Towel)

See Racks, Towel

12642— *Rollers (Trolley)

See also Fibre, Hard

Continental Fibre Co. ("Bakelite-Dilecto" Hard Fibre), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

12643— Rollers (Wood)

Bogert & Hopper (Caster, Lawn Mower, Map, Pulley, Skate, etc), 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS (Caster, Mangle, Massage, Paperhangers', Lawn Mower, Map, Pulley, Skate, etc), 364 5th av, New York *See adv index at end of book*
Nashua Spool & Bobbin Co. (Stone Machinery & House Moving), Grove Hall Station, Boston, Mass.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Southern Roller, Stave & Heading Co. (Black Gumwood), Elizabeth City, N. C.
Stevenson Mfg. Co. (Lawn Mower, etc), South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

12644—Rollers & Fixtures (Car Curtain)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

12645— Rollers & Pinions

Chester Steel Casting Co., Chester, Pa.
Erie Forge Co., Erie, Pa.
Newell Mfg. Co., 149 B'way, New York
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

12646—Rollers & Print Blocks for Wall Paper, Etc.

Bay, Gottfried (Oil Cloth, etc), 537 W 50th, New York

12647—Rolling Mills (Brass & Copper)

See also Rolling Mills, Iron & Steel

American Brass Co., Waterbury, Conn.
burgh, Pa.
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Benson H. K. & F. S., Glen Ridge, N. J.
Bridgeport Rolling Mills Inc. (Brass & Bronze), Bridgeport, Conn.
Bristol Brass Co. (Brass, German silver, Bronze, etc.), Bristol, Conn.
CHASE METAL WORKS (Rod, Wire, Sheet, Tubing, Brass & Bronze, Nickel-Silver), Waterbury, Conn.
CHASE ROLLING MILL CO (Rod, Wire, Sheet, Tubing, Brass & Bronze, Nickel-Silver), Waterbury, Conn.
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Clark av nr Wabash R. R., Detroit, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
Mueller Metals Co. (Brass), Port Huron, Mich.
National Brass & Copper Co., Lisbon, O.
Mass.
NEW ENGLAND BRASS CO., Taunton, Mass.
Somers Co., Inc., Waterbury, Conn.
Stanford Rolling Mills Co., Inc., Springdale, Conn.
New England Brass Co., Taunton, Mass.
New Haven Copper Co. (Copper Only), Seymour, Conn.
New Jersey Tube Co., Harrison, N. J.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co. (Brass & German Silver), Seymour, Conn.
Taunton-New Bedford Copper Co., Taunton, Mass.
Waterbury Rolling Mills, Waterbury, Conn.
Wise J. B. Inc. (Brass), Watertown, N. Y.

12648—Rolling Mills (Continuous)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
Standard Machinery Co., Providence, R. I.
Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

TREADWELL ENGINEERING CO
EASTON PA.
CONTINUOUS ROLLING MILLS
Complete Equipment Designed and Built.

United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.

12649—Rolling Mills (Iron & Steel)

See also Rolling Mills, Brass & Copper

(References following Names indicate Main or Executive Offices. For subclassification of this industry, see Specific Article Wanted in Index of Contents)

ALABAMA.

ALABAMA CITY—Gulf State Steel Co. (See Birmingham)
BIRMINGHAM—Connors Steel Co. (Steel Bars, Hoops, Cotton Ties, etc.)
Gulf States Steel Co. (Billets, Blooms, Slabs, Staples, etc), Mills: Alabama City
Republic Iron & Steel Co. (See Youngstown, O.)
Tennessee Coal, Iron & R. R. Co. (Steel Billets, Blooms, Slabs, Angles, Channels, Tees, Bar, Plates, Sheets, etc)
HELENA — Conners-Weyman Steel Co. (See Birmingham)
SHEFFIELD—Sloss-Sheffield Steel & Iron Co. (See Birmingham, Ala.)

CALIFORNIA.

BLACK DIAMOND—Columbia Steel Co. (See San Francisco, Cal.
LOS ANGELES—Southern California Iron & Steel Co. (Steel Bar Only), 4th & Mateo
SAN FRANCISCO—Baker, Hamilton & Pacific Co. (Bar & Band Iron), (Jobbers), 7th & Townsend. Works: Portland, Ore.
Columbia Steel Co., 503 Market. Mills: Pittsburg, Cal.
Pacific Coast Steel Co. (Open Hearth, Steel Merchant Bars, Round, Square & Flat, Steel Deformed Bars Reinforced Concrete Steel Angles & Light Rails), Rialto
Pacific Rolling Mills, 17th & Mississippi.

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Billets, Blooms, Iron & Steel Rails, Bars, Sheets, Plate Bands, Hoops, etc)
PUEBLO—Colorado Fuel & Iron Co. (See Denver)

CONNECTICUT.

BRIDGEPORT—American Chain Co. (Bar Iron Light T Rails, Chains, etc)
American Tube & Stamping Co. (Open Hearth Steel Billets, Hot & Cold Rolled Strip Steel, for Springs, Cutlery, etc)
BRISTOL—**BARNES WALLACE CO.** High Carbon Tempered & Untempered & Cold Rolled Spring Steel) *See adv index at end of book*
COLLINSVILLE—Collins Co. (Bar Iron All Consumed by the Company)
NEW BRITAIN — **STANLEY WORKS** Hot & Cold Rolled Strip Steel)
See adv index at end of book
SOUTHINGTON—Aetna Nut Co. (Merchants' Bar Iron, etc)
UNIONVILLE—Union Rolling Mill Co. Merchant Bar Iron) (See Cleveland, O.)
Upson Nut Co. (Basic Open Hearth Steel Bars)

DELAWARE.

WILMINGTON—McCullough Iron Co. (Sheet Steel, Black Galvanized Painted & Corrugated Roofing & Siding), Equitable bldg

GEORGIA.

ATLANTA—Atlantic Steel Co. (Steel Bands, Hoops, Cotton Ties, Bars. etc)

ILLINOIS.

CHICAGO—Blancke A. C. & Co., 602 W Lake
Columbia Tool Steel Co. (Crucible Tool & Machinery Steel & Open Hearth Steel for Special Requirements), 307 S Clinton.
Illinois Steel Co. (Steel Billets, Blooms, Slabs, Ingots, Structural Shapes, Rails, Plates, Bars & Band), 208 S La Salle
Indiana Steel Co. (Open-Hearth Billets, Blooms, Ingots, Rails, Bars, Structural Shapes, Plates, etc), 208 S La Salle
Inland Steel Co. (Open Hearth Steel Blooms, Billets, Slabs, Structural Angles, Channels & Beams, Universal Plates, Merchant Bars, Plates, Black Sheets, Galvanized Sheets, Corrugated Sheets, Roofing & Siding, Track Bolts & Spikes, Tie Plates, etc), 38 S Dearborn
Interstate Iron & Steel Co. (Open Hearth Steel Billets, Rods & Wire Mills), 104 So. Michigan av
Interstate Iron & Steel Co. (Iron & Steel Bars, Agricultural Implement Steel, Angles, Channels, Tees, Reinforcing Steel Bars, etc). Works: 104 S Michigan, East Chicago, Ind.
Phoenix Horse Shoe Co. (Horse Shoes), 209 S La Salle, Mills: Joliet, Ill., & Poughkeepsie, N. Y.
Pullman Co. (Product All Consumed By the Company), Pullman bldg
Republic Iron & Steel Co., 332 S Michigan av (See Youngstown, O.)
Sellers Mfg. Co. (Tie Plates, etc), 332 S Michigan av
CHICAGO HEIGHTS—Calumet Steel Co. (Bessemer Bar Steel, Light Rails, Angles, Channels, etc), 208 S La Salle
Inland Steel Co. (See Chicago)
EVANSTON—Mark Mfg. Co. (Wrought Iron Pipe & Boiler Tubes) Works: Zanesville, O.
GRANITE CITY—National Enameling & Stamping Co. (See New York)
JOLIET—American McKenna Process Co. (See Milwaukee, Wis.)
Phoenix Horse Shoe Co.
KEWANEE—Wetworth Mfg. Co. (See Boston, Mass.)
MOLINE—Republic Iron & Steel Co.
WAUKEGAN—American Steel & Wire Co. (See Chicago, Ill.)

INDIANA.

ANDERSON—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
American Steel & Wire Co. (See Chicago, Ill.)
EAST CHICAGO—Interstate Iron & Steel Co. (See Chicago, Ill.)
Republic Iron & Steel Co. (See Youngstown, O.)
ELWOOD—American Steel & Tin Plate Co. (See Pittsburgh, Pa.)
FORT WAYNE—Ft. Wayne Iron Steel Rolling Mill Corp. (Bar Iron & Steel, etc), West Taylor
See adv index at end of book
GARY—Indiana Steel Co.
INDIANA HARBOR—Inland Steel Co. (See Chicago, Ill.)
KOKOMO—Kokomo Steel & Wire Co. (Steel Wire, Rods & Nails, etc)
MUNCIE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, O.)
NEW ALBANY—Ohio Falls Iron Co. (Merchants' Bar & Staybolt Iron)
NEW CASTLE—Indiana Rolling Mill Co. (High Carbon Sheet Steel)
TERRE HAUTE—Highland Iron & Steel Co. (Merchants' Bar Iron & Steel)
VINCENNES—National Rolling Mill Co. (Scrap Bar & Finished Iron & Steel Bar)

KENTUCKY.

ASHLAND—Ashland Steel Co. (Bessemer Steel Billets & Slabs, Wire Rods)
Norton Iron Works (Cut & Wire Nails), Wire & Nail Plates)
LOUISVILLE—Ewald Iron Co. (Charcoal Iron)
NEWPORT—Andrews Steel Co. (Open Hearth Billets, Slabs, Ingots, Sheet & Tin Plate Bars)
Newport Rolling Mill Co. (Black & Galvanized Sheet Steel)

LOUISIANA.

NEW ORLEANS—Lukens Steel Co.

MARYLAND.

CUMBERLAND—Cumberland Steel Co. (Gold Rolled Steel, Polished Steel Shafting, etc)
Taylor N. & G. Co. (See Phila., Pa.)
United States Rail Co. (Renewed Light Steel Rails)

MASSACHUSETTS.

BOSTON—Ames Shovel & Tool Co. (Shovel Plate & Blanks, all consumed by the Company), Ames bldg.
Sylvester Co. (Merchant Bar Iron, Spikes, Bolts, Tie Rods), 141 Milk
SPENCER—Spencer Wire Co. (See Worcester, Mass.)
WEST WAREHAM—Tremont Nail Co. (Open Hearth Steel Ingots, Nail Plate, Tack Plate, Shovel Plate & Strip Steel, Cut Nails & Supplies)
WORCESTER—**AMERICAN STEEL & WIRE CO.** (Washburn & Moen Branch) See Chicago
See adv index at end of book
COES LORING & CO. (INC.) (Hot Rolled & Welded Materials for Knives, Dies, etc), Coes sq
See adv index at end of book
Wickwire Spencer Steel Corp. (Annealed, Bright, Coppered, Tinned & Galvanized Wire
See adv index at end of book

MICHIGAN.

ADRIAN—Page Steel & Wire Co. (Open Hearth Steel Ingots, Wire Rods, etc)
DETROIT—American Car & Foundry Co. (See St. Louis, Mo.)
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Tubes), Warren & Wyoming
See adv index at end of book

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Bar Iron, ½ inch to 3 inch Rounds & Squares, 1 inch by 3-16 inch to 6 inch by 2 inch flats, Bolts, Nuts, etc)
ST. LOUIS—American Car & Foundry Co. (Merchant Bar Iron & Band Rod & Guide Iron), Syndicate Trust bldg.
Laclede Steel Co. (Hard Steel Bars, Reinforcing Bars, Ag'l Shapes, Bedstead Angles, Hot Rolled Strip, etc), Arcade bldg.

NEW JERSEY.

CHROME—Chrome Steel Works (Steel Plates, Angles & Bars, etc)
DOVER—Ulster Iron Works (Merchant Bar & Staybolt Iron)
ELIZABETH—Singer Mfg. Co. (Product Rounds, Flats, etc, all Consumed by the Company)
JERSEY CITY—Ames W. & Co. (Bar Iron Bolts, Tie Rods, Spikes, etc.), Woodward
See adv index at end of book
Crucible Steel Co. of America, ft Grand av. (Spalding & Jennings, Branch) (See Pittsburgh, Pa.)
NEWARK—Heller Bros. Co., 879 Mt. Prospect av. (High Speed Tool Steel)
PERTH AMBOY—Pardee C. Works (Open Hearth Steel Billets, Blooms, Merchant Bars & Cold Rolled Shafting, etc)

NEW JERSEY—continued
PHILLIPSBURG—American Horse Shoe Co. (High Grade Horse Shoes, etc)
ROCKAWAY—Rockaway Rolling Mill (Bar Iron & Steel; also Double Refined Bar Iron)
TRENTON—**ROEBLING JNO. A. SONS CO.** (Steel & Copper Wire & Steel Wire Rods)
See adv index at end of book

NEW YORK.

AUBURN—Tuttle Chas. W. (Merchant Bar Iron & Horse Shoe Iron), ft McMaster
BUFFALO—Lackawanna Steel Co. (Steel Billets, Blooms, Rails, Beams, Anchor Bars, etc)
Seneca Iron & Steel Co. (Black & Pickled Sheet Steel)
COHOES — Cohoes Rolling Mill Co. (Wrought Iron Pipe & Merchant Bar Iron)
CORTLAND—Wickwire Bros. (Billets, Wire, Nails, Rods & Staples, etc)
DUNKIRK—Atlas Crucible Steel Co. (High Grade Crucible Steels, Steel only)
LOCKPORT—SIMONDS MFG. Co. (Crucible Steel Saw Plates & Sheets, all consumed by the Company)
See adv index at end of book
Westerman & Co. (Bar Iron Rounds, Squares, Hexagons)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Wurster F. W. & Co. (Iron & Steel Bars, Axles, etc.), 375 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—American Bridge Co., 30 Church
Consolidated Rolling Mills & Foundries Co., 25 Broad
Dominion Iron & Steel Co. Ltd. (Steel Billets, Rails, Bars, Rods, Wire Rods, Steel Plates, etc), 15 John
Lalance & Grosjean Mfg. Co. (Black Sheets, Plates & Tin Plate, all Consumed by the Company), 299 B'way. Mills: Harrisburg, Pa.
National Enameling & Stamping Co. (Mfrs. Sheet Steel for their Own Consumption), 411 5th av. Works: Granite, Ill., & St. Louis, Mo.
Page Steel & Wire Co., Grand Central Terminal *See adv index at end of book*
Philadelphia Steel & Forge Co. (Rolled & Hammered Steel Bars, Tool Steel, Die Blocks, Rolled Shapes, etc), 50 Church. Works: Tacony, Phila., Pa.
Rail Joint Co. (Rail Joints, Tram Rails), 61 B'way. Works: Troy, N. Y.
Railway Steel Spring Co. (Open Hearth Steel Ingots, Merchant Steel Tire & Spring Steel, etc), 30 Church
Rome Iron Inc. (Puddled Iron & Band, Hoop, Staybolt & Engine Bolt Iron), 30 Church. Mill: Rome, N. Y.
Singer Sewing Machine Co., 149 B'way. Works: Elizabeth, N. J.
Washburn Wire Co. (Steel Wire, etc.), ft E 118th. (See Phillipsdale, R. I.) (End of New York City)
POUGHKEEPSIE—Phoenix Horse Shoe Co.
ROME—Rome Merchant Iron Mill. (See New York City)
SYRACUSE—Crucible Steel Co. of America (Sanderson Bros. Works, Tool Steel.) See Pittsburgh, Pa.
Eckels-Nye Steel Co. (Merchant Steel)
HALCOMB STEEL CO. (Crucible & High Grade Steel)
See adv index at end of book
Syracuse Crucible Steel Co. (Tool Steel)
TONAWANDA—Buffalo Steel Co. (Bessemer Steel Bars, Agricultural Steel, Angles, Channels, etc)
TROY—Burden Iron Co. (Bar Iron, Horse & Mule Shoe, Rivets, Boiler Only, etc.)
Rail Joint Co. (See New York)
WATERVLIET—Ludlum Steel Co. (Pure Carbon Crucible Tool Steel)

OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh, Pa.)
CAMBRIDGE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
AMERICAN STEEL & WIRE CO. (See Chicago)
See adv index at end of book
Interstate Iron & Steel Co. (See Chicago, Ill.)
CANTON—Berger Mfg. Co. (Sheet Iron & Steel, etc)
Canton Sheet Steel Co. ("Winir" Black & Galvanized Steel Sheets, Pickled Steel Sheets, etc)
Carnahan Tin Plate & Sheet Co. (Tin Plate & Sheet Steel for Tinning, etc)
Stark Rolling Mill Co. (Black & Galvanized Open Hearth Steel & Toncan Metal Sheets)
United Alloy Steel Corp. (Open Hearth & Electric Alloy Steel Bars, Billets, Blooms & Slabs)
United Engng. & Fdry. Co. (See Pittsburgh, Pa.)
CLEVELAND—American Sheet & Tin Plate Co., Bessemer bldg. (See Pittsburgh, Pa.)
American Steel & Wire Co., Western Reserve bldg. (See Chicago, Ill.)
See adv index at end of book
Cleveland Hardware Co. (Manufacture for their Own Consumption) Lakeside av, & E 45th
Empire Rolling Mill Co. (Iron & Steel Bar), Bessemer & C. & P. Ry., ft. of E 63d
Lake Erie Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc), ft of E 63d
Otis Steel Co. (Open Hearth Steel Plates), Leader-News bldg
Republic Iron & Steel Co., Leader News bldg. (See Youngstown, O.)
Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet, Iron & Structural Steel), Aetna rd & E 32d
Upson Nut Co. (Basic open Hearth Steel Bars)
CLEVES—Cincinnati Horse Shoe & Iron Co. (Horse Shoes & Bar Iron)
COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.)
Standard Chain Co. (See Pittsburgh, Pa.)
CUYAHOGA FALLS—Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Staybolts, etc)
DOVER—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
DRESDEN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
EAST LIVERPOOL—National Drawn Steel Co. (Cold Drawn Steel)
ELYRIA—Columbia Steel Co. (Cold Rolled Steel Bars, Sheets, Strips, etc)
Elyria Iron & Steel Co. (High Carbon Steel Angles & Tubing, Track Spikes, etc), Mussey rd
IRONTON—Belfont Iron Works Co. (Cut & Wire Nails, Barbed, Plain & Galvanized Wire)
Kelly Nail & Iron Co. (Cut & Wire Nails, Spikes, Staples, Barbed, Plain & Galvanized Wire)
National Tube Co. (See Pittsburgh, Pa.)
LORAIN—National Tube Co.
MARION—Interstate Iron & Steel Co. (See Chicago, Ill.)
MARTINS FERRY—American Steet & Tin Plate Co. (See Pittsburgh, Pa.)
Whitaker-Glessner Co. (See Wheeling, W. Va.)
MASSILLON—Massillon Rolling Mill Co. (Bessemer & Open Hearth Black Sheets)
Peerless Drawn Steel Co. (Drill Rods, Cold Drawn Steel, etc)
MIDDLETOWN—American Rolling Mill Co. ("Armco") (Sheet Iron & Steel, Black & Galvanized, etc)
MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)
NEWARK—Buckeye Rolling Mill Co. (See Steubenville)
NEW PHILADELPHIA—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)
SALEM—American Steel & Wire Co. (See Chicago, Ill.)
STEUBENVILLE—Buckeye Rolling Mill Co. (Light Rails & Track Accessories). Mills: Newark, O.
La Belle Iron Works (Pipe & Tube Mills, Steel Sheet Bar, Steel Skelp, Cut Nails, Spikes, Pig Iron, etc.)
Weirton Steel Co. (Black Plates or Sheets for Tinning). (See Weirton, W. Va.)
WARREN—Trumbull Steel Co. (Open Hearth Ingots, Blooms, Billets, Slabs, Bars, Tin Plate, Long Terne Sheets, Black & Galv. Flat Sheets, Painted, Galv. Formed Roofing Products, Hot & Cold Rolled Strip Steel)
Warren Iron & Steel Co. (High Carbon Steel Sheets & Shovel Plate)
WELLSVILLE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
YORKVILLE—Wheeling Steel & Iron Co. (Tin Plate).
YOUNGSTOWN—Brier Hill Steel Co. (Slabs, Blooms, Billets, Sheet & Tin Bars, Sheared Plates, Blue Annealed, Black, Galv. & Corrugated Sheets & Formed Roofings)
Republic Iron & Steel Co. (Bar Iron & Steel Bolts, Screws, Railroad Spikes, Turnbuckles, Cold Rolled Steel Angles, Channels, Tees, etc.) *See Branch Offices Alphabetical Section*
Sharon Steel Hoop Co. (Sheet Steel, Black & Corrugated Roofing & Siding, etc.)
Youngstown Sheet & Tube Co. (Iron & Steel Sheets, Black & Galvanized, Wrought Iron Pipe, Wire Rods, Billets, Muck Bar, Skelp, Pig Iron, etc.)
ZANESVILLE—American Rolling Mill Co. (See Middletown, O.)
Mark Mfg. Co. (See Evanston, Ill.)

PENNSYLVANIA.

ALIQUIPPA—Crucible Steel Co. of America (See Pittsburgh)
Kidd Drawn Steel Co. (Steel Wire, Polished Drill Rods, Polished Needle Wire, Black Steel Rods, etc)
Vulcan Crucible Steel Co. (High Grade Crucible & Acid Open Hearth Steel & Forged Products, etc)
ALLENTOWN—American Steel & Wire Co. (See Chicago, Ill.)
ALTOONA—Altoona Iron Co. (Bar, Hoop, Band & Oval, Half Oval, Round & Scroll)
AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)
APOLLO—Apollo Steel Co. (Iron & Steel Sheets, Flat & Galvanized, Corrugated)
AUBURN—Delaware Seamless Tube Co. (Hollow Seamless Billets, Boiler Tubes, Hollow Staybolt Stock & Seamless Tubing)
BEAVER FALLS—Ames Shovel & Tool Co. (See Boston, Mass.)
Pittsburgh Seamless Tube Co. (Seamless Steel Tubes & Steel Blanks for Mfg. of Steel Tubes)
Union Drawn Steel Co. (Cold Rolled Steel, Cold Drawn & Polished Steel Shafting, etc)
BIRDSBORO—Brooke E. & G. Iron Co. (Muck Bar, Skelp Iron & Cut Nails)
BLANDON—Blandon Rolling Mills (See Est. of Simon Seyfert, Reading, Pa.)
BRACKENRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)
West Penn Steel Co. (Steel Sheets, Electrical Steel Sheets, Automobile Sheets, Steel Sheet Bars, etc)
BRADDOCK—American Steel & Wire Co. (See Chicago, Ill.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
BRAEBURN—Braeburn Steel Co. (Crucible & Fine Open Hearth Tool Steel, Spring, Hammer & Machinery Steel & Forgings, etc)
BRIDGEVILLE—Universal Rolling Mill Co. (Crucible & Open Hearth Steel Shovel, Sheets & Plow Slabs, Shapes & Discs)
BURNHAM—Logan Iron & Steel Co., St. Girard bldg. (See Phila., Pa.)
Standard Steel Works Co. (See Phila., Pa.)
BUTLER—Standard Steel Car Co. (See Pittsburgh, Pa.)
CANONSBURG—Canonsburg Steel & Iron Works (Sheet Iron & Steel, Tin & Terne Plate, etc)
Standard Tin Plate Co. (Tin & Terne Plate)
CARNEGIE—Columbia Steel & Shafting Co. (Polished Turned Steel Shafting & Cold Drawn Shapes, etc.), Dept. H.
COATESVILLE—Lukens Steel Co. (Open Hearth Billets, Ingots, Slabs, Steel Boiler, Tank & Bridge Plates, Sheared & Universal Plates)
Midvale Steel & Ordnance Co. (Steel Boiler & Tank Plate, Sheared Plates, Boiler Tubes, etc). Head office, Widener bldg, Phila., Pa.
COLONA—Colonial Steel Co. (See Pittsburgh, Pa.)
COLUMBIA—Edwards Edward T.
JANSON STEEL & IRON CO. (Bar Iron & Steel)
CONSHOHOCKEN — Wood Alan Iron & Steel Co. (See Phila., Pa.)
Wood J. & Bros. Co. (Iron & Steel Sheets & Light Plates, Locomotive Jacket, Corrugated Bath Boiler, Gas Holder, Pickled Blue Annealed Tank & Electrical Sheet Iron & Steel, etc)
CORRY—McInnes Steel Co. (Ltd.) (Hammered Crucible Tool Steel; Also High Speed & Oil Hardening Steel)
DANVILLE—Danville Structural Tubing Co. (Structural Tubing)
Pennsylvania Brake Beam Co. (Special Shapes for Brake Beams, Deck & I Beams)
Reading Iron Co. (See Reading, Pa.)
DONORA—American Steel & Wire Co. (See Chicago, Ill.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)
ELLWOOD CITY—National Tube Co. (See Pittsburgh, Pa.)
ERIE—United States Horse Shoe Co. (Billets & Iron Steel Bars for the Mfr. of Horse Shoes)
ETNA—Spang, Chalfant & Co. (See Pittsburgh, Pa.)
GLASSPORT—Pittsburgh Steel Co. (See Pittsburgh, Pa.)
GREENVILLE—National Tube Co. (See Pittsburgh, Pa.)
HARRISBURG—Central Iron & Steel Co. (Iron & Steel Bridge, Boiler, Tank, Ship & Fire Box Plate, etc)
HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth Steel Billets, Ingots, Skelp, Slabs, Shovel Plate, Sheet Bars, etc), Herr nr. 10th
Lalance & Grosjean Mfg. Co. (See New York City)

HAYS—Monongahela Tube Co. (See Pittsburgh, Pa.)
HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)
HOOPERSTON—Hoopes & Townsend Co. (See Phila., Pa.)
HYDE PARK—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
JOHNSTOWN—Cambria Steel Co. (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc), Main Office: Philadelphia, Pa.
Lorain Steel Co. (Light Rails & Street Ry. Track Materials)
KITTANNING—Kittanning Iron & Steel Mfg. Co. (Muck Bar)
LANCASTER—**LANCASTER STEEL PRODUCTS CORP.**
See adv index at end of book
LATROBE—Vanadium Alloys Steel Co. (High Speed & Vanadium Steel)
LEBANON—Lebanon Valley Iron & Steel Co. (Bar Iron & Muck & Scrap Bar)
LEECHBURG—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
McKEESPORT—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Firth-Sterling Steel Co. ("Blue Chip" Fine Crucible Tool Steel)
McKeesport Tin Plate Co. (Tin Plate & Black Plate for Tinning). Works: Port Vue, Pa.
National Tube Co. (See Pittsburgh, Pa.)
McKEES ROCKS—Lockhart Iron & Steel Co. (Bars, Bands & Hoops, Angles, Channels & Tees, etc.)
MIDLAND—Pittsburgh Crucible Steel Co. (Steel Bars, Car Axles, etc)
MILESBURG—McCoy-Linn Iron Co. (Bar Iron, Wire, Wire Rods, Chains, etc)
MILTON—American Car & Foundry Co. (Merchants Bar Iron) (See St. Louis, Mo.)
Milton Mfg. Co. (Merchant Bar Iron, Nuts, etc.), Dept. H
MONACA—Pittsburgh Tool Steel Wire Co. (Drawn Tool Steel for Twist Drills, Taps, etc)
MONESSEN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
Page Steel & Wire Co. of N. J. (See Adrian, Mich.)
See adv index at end of book
Pittsburgh Steel Co. (See Pittsburgh, Pa.)
MONOGAHELA—Liggett Spring & Axle Co. (See Pittsburgh, Pa.)
NEW CASTLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
Elliott, Blair Steel Co. (Cold & Hot Rolled Strip Steel, etc)
NEW KENSINGTON—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
NORTHUMBERLAND—Van Alen & Co. (Iron Steel, Cut Nails & Spikes, etc)
PARKESBURG—Parkesburg Iron Co. (Charcoal Boiler Tube, Iron Skelp)
PENCOYD—American Bridge Co. (Steel Beams). (See Pittsburgh, Pa.; also Phila., Pa.)
PHILADELPHIA—American Bridge Co. (Steel Beams, Angles, Channels, Tees, Zees, Bar Steel, etc) Widener bldg. (See also Pittsburgh, Pa.)
Cambria Steel Co. (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc), Widener bldg.
Davis Bros. (Bar Iron, Angle Iron Up to 2 Inches, Spikes, etc.), 29th & Bristol
Disston Henry & Sons (Tool & Sheet Steel, Cold Rolled & Cold Drawn Steel, etc), Tacony
Hoopes & Townsend Co. (Bar Iron & Steel Bolts, Rivets, Rods, etc), Broad & Buttonwood; Works also at Hooperstown, Pa.
Hughes & Patterson (Bar Iron Specialties & Skelp Iron, Bands, Hoops & Rods) 800 Richmond
Illingworth Jno. Steel Co. (Crucible, Hammerer & Rerolled Steel Bars & Sheets for Tools, Saws, Knives & Files; also Rerolled Swedish & Norway Iron; also Rerolled & Hammered Open Hearth Steel) Tacony & Lewis
Logan Iron & Steel Co. (Bar & Staybolt Iron, Iron Angles, Crow Bars, Links & Pins, Drill Rods, etc), St. Girard bldg. Works: Burnham, Pa.
Midvale Steel & Ordnance Co. (Crucible & Open Hearth Bar Steel, Rods, Spring Steel, Hammered Car Axles, Forged Armor Plate, etc), Widener bldg
Nicetown Plate Washer Co. (Refined Merchant Bar Iron & Medium Steel Bars), 1824 Juniata
Penn Seaboard Steel Corp., Franklin Bank bldg
Philadelphia Steel & Forge Co., Milnor & Bleigh. (See New York)
Phoenix Iron Co. (Open Hearth Steel Ingots, Bars, Acid & Basic Process Beams, Angles, Channels), 22 S 15th. Works: Phoenixville, Pa.
Southwark Foundry & Machine Co., 1128 S 4th
Standard Steel Works Co. (Steel Car & Locomotive Tires, Axles, etc), Morris bldg. Works: Burnham, Pa.
Taylor N. & G. Co., 300 Chestnut
Wood Alan Iron & Steel Co. (Basic Open Hearth Steel Billets, Slabs, Sheet Bars, Black & Galvanized Iron & Steel Sheets & Plates, Locomotive Jacket Steel, Bath Boiler, Swede & Norway Sheets, Gas Holder, Corrugated, Pickled & Cold Rolled Sheets, Water Pipe & Light Plates), Widener bldg. Works: Conshohocken, Pa.
PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)
PITTSBURGH — Alleghaney Steel Co. (Sheet Steel, Tank Plate, Sheet Bar, etc), Oliver bldg. Works: Brackenridge, Pa.
American Bridge Co. (Structural Steel, Billets, Blooms, Ingots), Frick bldg.
American Sheet & Tin Plate Co. (Bessemer Open Hearth, Acid & Basic Sheet Steel, Black, Polished, Galvanized & Corrugated, Cold Rolled Tin & Terne Plate, etc), Frick bldg.
American Steel & Wire Co., Frick bldg. *See adv index at end of book*
Blaw-Knox Co. (Steel Plates), Farmers Bank bldg
Brown & Co. (Tool Steel, Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne Way
Byers A. M. Co. (Wrought Iron Pipe), 235 Water
Carbon Steel Co. (Open Hearth Steel, Billets, Ingots, Sheared Plates, Universal Rolled Plates, Carbon Chrome Safe Plates, Locomotive, Driving, Car Axles, General, etc), ft 32d
Carnegie Steel Co. (Steel Billets & Blooms, Rails, Beams & Structural Shapes, Armor & Boiler Plate, etc.) Carnegie bldg
Carter Iron Co. (Iron Bar, Staybolt, Roofing, Chains, etc.) 307 5th av, Hays Station, Pa. Mills: Paden City, W. Va.
Colonial Steel Co. (Crucible & Open Hearth Steel in Bars, Sheets, Circular Plates, etc), 324 4th av. Mills, Colona, Pa.
Crucible Steel Co. of America (Tool Steel, Merchant Bar Steel, Boiler & Tank Plate, Cold Drawn & Polished Steel Shafting, Cold Rolled Steel & General & Nickel Steel Forgings), Oliver bldg
Dilworth, Porter & Co., Ltd. (Tie Plates, Spikes, etc), 4th & Bingham
Follansbee Bros. Co. (Iron & Open Hearth Sheet Steel Sheets, Tin Plate & Black Plates for Tinning) 3rd & Liberty
Fuller Steel & Iron Co., Park bldg
See adv index at end of book
Garrison A. Foundry Co. (Steel), 901 Dingham
Jones & Laughlin Steel Co. (Steel Billets & Blooms, Beams, Channels, Angles, Tees, Zees, Plates, Bars, Bands, Rails Up to 40 lbs., Cold Rolled Steel, Spikes, Forgings, etc.), Ross
Mackintosh-Hemphill Co., 12th & Etna
See adv index at end of book

ROLLING MILLS
of All Kinds
Rolls—Pinions—Castings
Mackintosh-Hemphill Co.
12th and Etna Sts. Pittsburgh, Pa.

Mesta Machine Co., Box 1124
See adv index at end of book

ROLLING MILL MACHINERY
(Write for Bulletin S)
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Monongahela Iron & Steel Co. (Bar Iron, Muck Bar, Melting Bar, etc.), H Oliver bldg.
Morris & Bailey Steel Co. (Cold Rolled Steel Sheets, etc) State
National Tube Co. ("National" Pipe & Boiler Tubes, etc.), Frick bldg.
Oliver Iron & Steel Co. (Bar Iron & Steel, Bolts, Nuts, Rivets, Forgings, etc.) S 10th & Muriel
Pittsburgh Cold Rolled Steel Co. (Cold Rolled Flat Strip Steel), 39th & P. R. R.
Pittsburgh Forge & Iron Co. (Merchant Bar & Staybolt Iron, etc.), Chamber of Commerce bldg
Pittsburgh Spring & Steel Co. (Spring Steel all consumed by the Company), Farmers Bank bldg
Pittsburgh Steel Co. (Steel Billets, Wire, Rods & Nails, Steel Bands & Hoops, Staples, Cotton Ties, Barbed Wire, etc.), 5th av & Grant
Pittsburgh Steel Products Co. (Seamless Steel Boiler & Mechanical Tubes) Frick bldg
Pittsburgh Tube Co. (Bedstead Tubing), Keystone bldg., Mills, Colona, Pa.
Russell J. C. Shovel Co. (Shovel Blanks, all consumed by the Company), 336 4th av
Spang, Chalfant & Co. (Pipe & Tube Mills), Union Bank bldg. Works: Etna, Pa.
Standard Steel Car Co. (Steel Cars). A. V. R. R. Works: Butler, Pa.
Superior Steel Co. (Hot & Cold Rolled Strip Steel), 529H Union Arcade
West Leechburg Steel Co. (Hot & Cold Rolled Strip Steel) Farmers Bk bldg. Works: West Leechburg, Pa.
PORT VUE—McKeesport Tin Plate Co. (See McKeesport, Pa.)
POTTSTOWN—Glasgow Iron Co. (Muck Bars, Boiler, Tank & Bridge Plates, Boiler Heads, Pipe Flanges, etc.)
Lessig Geo. B. Co. (Tack, Nail & Shovel Plate & Puddle Bars, etc.)
POTTSVILLE—Eastern Steel Co. (Steel Beams & Structural Shapes, Bridge Plate, etc.). (See Pittsburgh, Pa.)
RANKIN—Columbia Steel & Shafting Co.
READING—Carpenter Steel Co. (Crucible Tool Steel, Gun, Roller & Machinery Steel, etc.)
Reading Iron Co. (Merchant Bar Iron, Wrought Iron Pipe, Staybolt Iron, etc.)
Seyfert Simon (Est. of). Works: Blandon, Pa.
SCOTTDALE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
SCRANTON—Scranton Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc.)
SHARON—Carnegie Steel Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, O.)
Sharon Steel Hoop Co. (Open Hearth Steel Billets, Ingots & Bands, Hoops & Strips)
SHARPSBURG—Moorehead Bros. & Co., (Bar Iron, Boiler Sheet Tank & Skelp Iron & Steel)
SLATINGTON—Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Bar Iron, Also Staybolt, Boiler Rivet, Horse Shoe, Angle & Drop Forging Iron, etc.)
SOUTH BETHLEHEM—Bethlehem Steel Co. (Steel Billets & Blooms, Armor Plate Steel Bars, Light Rails, etc.)
VANDERGRIFT—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
WASHINGTON — JESSOP STEEL CO. (Crucible Steel, Ingots, Sheets & Saw Steel, etc)
Tyler Tube & Pipe Co. (Charcoal Skelp & Blooms & Lap Welded Boiler Tubes)
Universal Rolling Mill Co.
WEST LEECHBURG—West Leechburgh Steel Co. (See Pittsburgh, Pa.)
WILSON—Monongahela Tube Co. (See Pittsburgh, Pa.)
Morris & Bailey Steel Co. (Cold Rolled Steel Sheets, etc.)
WYOMING—Wyoming Shovel Works (Steel Sheets & Light Plates & Shovel Mfrs.)
YORK—Susquehanna Iron Co. (See Columbia, Pa.)

RHODE ISLAND.

PHILLIPSDALE—Washburn Wire Co. (Steel Billets, Steel Wire Rods & Nails, etc.)

TENNESSEE.

BRISTOL—Virginia Iron Coal & Coke Co. (Merchant Bar Iron)
KNOXVILLE—Knoxville Iron Co. (Merchant Bar Iron & Steel)

TEXAS.

FORT WORTH—Armstrong, Geo. W. & Co., Inc. (Merchant Bar Iron)

VIRGINIA.

RICHMOND—Old Dominion Iron & Steel Corp. (Merchant Bar Iron, Car & Bridge Iron, etc), Belle Isle
Tredegar Co. (Merchant Bar, Angle Bars & Fish Plates), ft. of 5th
ROANOKE—Virginia Iron, Coal & Coke Co. (Merchant Bar Iron), Mills: Bristol, Tenn.

WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh)

ROLLING MILLS (IRON & STEEL)—continued
WEST VIRGINIA—continued
HUNTINGTON—West Virginia Rail Co. (Light Rails)
PARKERSBURG—Parkersburg Iron & Steel Co. (Sheet Iron & Steel)
WEIRTON—Weirton Steel Co. (Polished Sheets, Steel Sheets for Stamped Ware, Stove Pipe, Enameling & Galvanizing Stock, Milk Can & Show Card Stock, Trunk & Tagger's Iron & Tin & Terne Plate Mfrs.) (Works also Steubenville Ohio)
WHEELING—Wheeling Steel & Iron Co. (Steel Billets & Blooms, Steel Sheets, Skelp, Wrought Steel Pipe)
Whitaker-Glessner Co. (Open Hearth Steel Billets, Slabs, Ingots, Light Plates, Sheets, etc.)

WISCONSIN.

MILWAUKEE—American McKenna Process Co. (Renewed Steel Rails), 373 Broadway. Works: Joliet, Ill., Kansas City, Kans., & Tremley Joint, N. J.
Harrow Spring Co. (Refined Bar Iron, Milled Steel Bars & Spring Steel, etc.)
Illinois Steel Co. (See Chicago, Ill.)

12650—Rolling Mills (Lead & Zinc)

See also Rolling Mill Machy.

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Standard Machinery Co., Providence, R. I.

12651—Rolling Mills (Phosphor Bronze, Etc.)

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Riverside Metal Co., Riverside, N. J.
Stanford Rolling Mills Co. Inc., Springdale, Conn.

12652—Rolls (Adding Machine)

Alling & Cory Co., Rochester, N. Y.
American Sales Book Co. (Ltd.) (Duplicate), Elmira, N. Y.
Colonial Co., Mechanic Falls, Me.
Dudley Paper Co., Lansing, Mich.
Emerson Paper Co., Sunapee, N. H.
Hammermill Paper Co., Erie, Pa.
International Roll Paper Co., No. Manchester, Ind.
Irish Geo. Paper Co., Buffalo, N. Y.
Miller-Bryant-Pierce Co., Aurora, Ill.
Nashua Spoon & Bobbin Co., Grove Hall Station, Boston, Mass.
National Paper Product Co., 1789 Montgomery, San Francisco, Cal.
Paper Mfrs. Co. (& Ticker), 526H Cherry, Phila., Pa.
Perry Chas. E. Co., 183 Congress, Boston, Mass.
Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
Tuttle Press Co., Appleton, Wis.
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Rolls (Automobile Tool)

See Tool Rolls, Automobile

12653— Rolls (Bar)

Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Rolls Corp. ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.
Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.

12654— Rolls (Beater)

Dilts Machine Works (Bandless Beater Rolls for Paper Mills), Fulton, N. Y.

12655—Rolls (Belt Conveyor)

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

12656—Rolls (Bending, Hand & Belt Power)

Chambersburg Engng. Co. (Belt & Electric Driven) Chambersburg, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Hendley & Whittemore Co., Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Rock River Machine Co. (Hand Only), Janesville, Wis.

12657—Rolls (Bending & Straightening)

Badger State Machine Co., Janesville, Wis.
Bertsch & Co. (Hand or Power for Plates, Sheets, Angles, Angle Iron, etc), Cambridge City, Ind.
Bethlehem Steel Co. (Hydraulic Plate Bending), South Bethlehem, Pa.
Betts Machine Co., Maryland av & South, Wilmington, Del.
Camden Forge Co., Camden, N. J.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E, Cleveland, O.
Covington Machine Co., Covington, Va.
Erie Forge Co. (Feed), Erie, Pa.
Hendley & Whittemore Co. ("Beloit" Bending), Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Klemm E. R. (Plate Bending), 1453 Austin av, Chicago, Ill.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Long & Allstatter Co. (Tire Bending, etc), Hamilton, O.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Niles Forge & Mfg. Co. (Plate Bending), Niles, O.
Penn Seaboard Steel Corp. (Bending), Franklin Bank bldg, Phila.
Perkins Machine Co. (Hand & Power Bending, Electric), Warren, Mass.
Pollak Steel Co., Cincinnati, O.
Rock River Machine Co. ("Badger" Hand & Belt Power & Motor Driven Plate Bending Rolls), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Southwwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Taylor-Wilson Mfg. Co. (Plate Skelp Bending Only), McKees Rocks, Pa.
Titusville Forge Co., Titusville, Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros. (Plate, etc), Saginaw, Mich.
Williams White & Co., Moline, Ill.

12658-9—Rolls (Blue Print)

Lovell Mfg. Co. (And for Mechanical Work), Erie, Pa.

12660—Rolls (Brass & Bronze)

AMERICAN BRASS CO. (& Copper), Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Beloit Iron Works, Beloit, Wis.
Pittsburgh Rolls Corp. ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.
Rome Brass & Copper Co. (Coiled), Rome, N. Y.

12661— Rolls (Breaker)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel for Coal Breakers, etc.), Dept. H, 14th & State, Chicago Heights, Ill.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Flint River" for Coal, Coke, etc.), 300 W 39th, Chicago, Ill. *See adv index at end of book*

12662— Rolls (Bullion)

Calkins Co., Los Angeles, Cal.

12663—Rolls (Chilled Calender)

Clark H. C. & Son Machine Co., Lee, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.
Holyoke Machine Co. (Chilled Iron, Paper, Cotton & Husk), Holyoke & Worcester, Mass.
Improved Paper Machinery Co., Nashua, N. H.
Lobdell Car Wheel Co., Wilmington, Del.
National Roll & Foundry Co., Avonmore, Pa.
Norwood Engineering Co. (Chilled Iron, Paper & Cotton), Florence, Mass.
Pittsburgh Rolls Corp. ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

12664-5—Rolls (Chilled for Rolling Gold & Silver)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Lobdell Car Wheel Co., Wilmington, Del.

12666—Rolls (Composition Calender & Paper Machinery)

Fuller Iron Wks., 40 Tockwotton, Providence, R. I.

12667—Rolls (Crimping & Corrugating)

See also Machinery, Sheet Metal Workers'
Bertsch & Co., Cambridge City, Ind.
Driggs-Seabury Ordinance Co., Sharon, Pa.
Gump B. F. Co. (Corrugating Only), 431 S Clinton, Chicago, Ill.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Metallic Drawing Roll Co., Indian Orchard, Mass.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Robinson J. M. Mfg. Co., 3282 Spring Grove, Cincinnati, O.
Rock River Machine Co., Janesville, Wis.

12668— Rolls (Crushing)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Machine & Mfg. Co. (For Cotton Seed), Atlanta, Ga.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonnot Co. (Clay, etc), Canton, O.
BUCHANAN C. G. CO. INC. ("Buchanan" Plain or Corrugated), 90 West, New York
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co. (Cottonseed & Linseed, etc), Dayton, O.
Central Fdry. Co., Joplin, Mo.
Chalmers-Williams Mfg. Co. (For Gold & Silver Ore, or Cement Plants), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Humphrey"), Denver, Col.
Denver Engineering Works Co., Denver, Colo.
Farrel Foundry & Machine Co., Ansonia, Conn.
French Oil Mill Machinery Co., (Seed Crushing), Piqua, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Galena Iron Works Corp., Galena, Ill.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hallidie Co. (Straight Line Balanced), Spokane, Wash.
See adv index at end of book
Hendy Joshua Iron Works (Ore), 75 Fremont, San Francisco, Cal.
Hoagland's M. Sons Co., Rockaway, N. J.
KENNEDY VAN SAUN MFG. & ENG. CORP., (Sizes 12 in. up to 72 in.), 120 Broadway, New York
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lobdell Car Wheel Co., Wilmington, Del.
McFarlane-Eggers Machy. Co. (Horizontal), Denver, Colo.
McFarlane Mfg. Co., Denver, Colo.
Matthews W. N. & Bro. Inc. ("Matthews" "Holdfast"), 2922 Easton av, St. Louis, Mo.
Mine & Smelter Supply Co., 42 B'way, New York
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Penna. Crusher Co., Stephen Girard bldg, Philadelphia, Pa.
Philadelphia Roll & Mach. Co., 25th & Washington av, Phila., Pa.
Piatt Iron Works Co., Dayton, O.
Pollak Steel Co., Cincinnati, O.
Robinson Mfg. Co., Muncy, Pa.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Standard Steel Works Co. (Steel), Morris bldg, Phila., Pa.
Stedman's Foundry & Mach. Wks., Aurora, Ind.
Stroh Steel Hardening Process Co., 1st National Bank bldg, Pittsburgh, Pa.
Sturtevant Mill Co. (Balanced for Dry & Wet Materials), Clayton & Park, Dorchester, Boston, Mass.
Titusville Forge Co. (Sugar Mill), Titusville, Pa.
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
United Iron Works Inc., Kansas City, Mo.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Wilmot Engineering Co. ("Lloyd's" Gear Driven), Hazelton, Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

12669— Rolls (Dandy)

Appleton Wire Works, Appleton, Wis.
Bigelow Cheney Wire Works, Springfield, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gleesen Thos. E., East Newark, N. J.
Smith C. H. & Co., Springfield, Mass.

12670— Rolls (Engravers')

Hoggson & Pettis Mfg. Co., 161 Brewery, New Haven, Conn.

12671— Rolls (Felt)

Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Western Felt Works, 4115 Ogden av, Chicago, Ill.

12672— Rolls (Flaking)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Wolf Co., Chambersburg, Pa.

12673— Rolls (Forged Steel)

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Birmingham Iron Foundry, Derby, Conn.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Llewellyn Iron Wks., 1200 N Main, Los Angeles, Calif.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Penna. Forge Co., Jenks & Bath, Phila., Pa.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

12674—Rolls (Forging & Tapering)

Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
Danville Iron & Steel Co., Danville, Pa.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Williams White Co., Moline, Ill.

12675— Rolls (Grinding)

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
Abbe Engineering Co., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago, Ill.
Buchanan C. G. Co. (Wet & Dry), 90 West, New York
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
National Roll & Foundry Co. (Paper, Oil & Flour Mill), Avonmore, Pa.
Nordyke & Marmon Co., Keneucky av & Morris, Indianapolis, Ind.
Sandy Hill Iron & Brass Works (For Paper Mills), Hudson Falls, N. Y.
Sprout-Waldron & Co., Muncing, Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
William A. Box Iron Co., 3309 Blake, Denver, Colo.
Wolf Co., Chambersburg, Pa.

12676—Rolls (High Carbon Steel)

ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Lobdell Car Wheel Co., Wilmington, Del.

12677—Rolls (Hub Band Bending & Truing)

Williams White & Co., Moline, Ill.

12678—Rolls (Ignition Friction)

Waltham Screw Co. (In connection with Ceric Iron), Waltham, Mass.

12679— Rolls (Jewelers')

Hamilton George (Figured, For Rings, etc), 144 Pine, Providence, R. I.
Hammond Steel Co. Inc., Solvay, N. Y.
Leiman Bros., 81 Walker, New York
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Worthington & Raymond (Dealer) ("Optimus," "W. & R."), 71 Murray, New York

12680—Rolls (Lap Welding)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Rolls Corp ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.
United Engineering & Foundry Co. (Single & Double For Pipe & Tube Mills), Farmers Bank bldg, Pittsburgh, Pa.

12681-2—Rolls (Leather Pressure)

Barry & Zecher Co., Lancaster, Pa.

12683— Rolls (Live)

Allis-Chalmers Mfg. Co. (Also Drives, for Sawmills), Milwaukee, Wis.
Union Iron Works Co., Selma, Ala.
Wheland Co. (Steel), Chattanooga, Tenn.

12684—Rolls (Merchant Shapes)

Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.

12685—Rolls (Music, Perforated)

Aristo Co. (For Player-Pianos, Bellevilles), Newark, N. J.
Benett & White Inc. ("Artempo" for Player-Pianos), 67 Goble, Newark, N. J.
Elastoid Fibre Co. ("Elastoid" Paper Tubes for Music Rolls), Waltham, Mass.
Kimball W. W. Co., 304 S Wabash av, Chicago, Ill.
Musicnote Roll Co., Dixon, Ill.
Royal Music Roll Co., 2964 Main, Buffalo, N. Y.
Rythmodik Music Corp., Belleville, N. J.
Standard Music Roll Co. (For Player-pianos), Orange, N. J.
United Music Stores ("Connorized" & "Pianostyle," "United" Word & Instrument), 619H Cherry, Phila., Pa.

12686— Rolls (Oil Mill)

Lobdell Car Wheel Co., Wilmington, Del.
National Roll & Foundry Co. (Cotton & Linseed), Avonmore, Pa.

12687-8—Rolls (Painting for Long Length Sheet Metal)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

12689— *Rolls (Pinking)

Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*

12690—Rolls (Pipe Welding)

Pittsburgh Iron & Steel Foundries Co. Midland, Pa.

12691— Rolls (Plate)

Kling Bros. Engng. Wks., 1300 N Kostner av, Chicago, Ill.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.

Rolls (Plate Bending)

See Rolls, Bending & Straightening

12692-3— Rolls (Rail)

Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.
Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.

12694— Rolls (Rubber)

American Wringer Co. (Rubber Covered), 99 Chambers, New York
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co. (Also Rubber Covered) Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Lovell Mfg Co. (For Laundries, Woolen Mills, Tanneries, etc), Erie., Pa.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co. (Rubber Covered), Hamilton Square, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co. (Rubber Covered), 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co. (And Rubber Covered), Chelsea, Mass.
Southwark Foundry & Machine Co. (Machine), 1128 S. 4th, Phila., Pa.
United Roll & Foundry Co., Cincinnati, O.

12695—Rolls (Sand & Chilled)

See also Machinery, Rolling Mill

Beloit Iron Works (Iron), Beloit, Wis.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
Black-Clawson Co., Hamilton, O.
Dellenbarger C. E. (Chilled Iron), 1949 Fulton, Chicago, Ill.
Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hubbard Steel Foundry Co. (Chilled Sand & Steel), East Chicago, Ind.
Hyde Park Foundry & Machine Co. (Sand & Chilled), Hyde Park, Pa.
Lewis Foundry & Machine Co., Farmers Bank bldg, Pittsburgh, Pa.
Lobdell Car Wheel Co. (Sand & Chilled Cast Iron), Wilmington, Del.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
National Roll & Foundry Co. (Sand & Chilled), Avonmore, Pa.
PHILADELPHIA ROLL & MACHINE CO. (Sand Chilled & Steel), 25th & Wash'n av, Phila., Pa.
Pittsburgh Iron & Steel Foundry Co., H Oliver bldg, Pittsburgh, Pa.

ROLLS
Chilled—Sand Iron—Steel
"Mesta Special Alloy"
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

PITTSBURGH ROLLS CORP. ("Phoenix" Metal), 41st & Willow, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Robinson Mfg. Co., Muncy, Pa.
Seaman-Sleeth Co. (For all purposes, for Metal Rolling), 41st & Willow, Pittsburgh, Pa.
Standard Engineering Co., Ellwood City, Pa.
Standard Roll Co. (Iron), Worcester, Mass.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
United Iron Works Inc., Kansas City, Mo.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Youngstown Foundry & Machine Co. Youngstown, O.

12696—Rolls (Scrap Reclaiming)

Ajax Mfg. Co., 3830 Lakeside av, Cleveland, O.
Chicago Tool Reclaiming Co., 147 W. Austin, Ark., Chicago, Ill.
Pittsburgh Rolls Corp. ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.

12697— Rolls (Slugger)

Kennedy Van Saun Mfg. & Eng. Corp., 120 B'way, New York
See adv index at end of book

12697a—*Rolls (Special Alloy)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Phila. Roll & Mach. Co. (Steel), Phila., Pa.

12698— Rolls (Stay)

Frantz Mfg. Co., Sterling, Ill.
Lawrence Bros. ("Union," "Faultless," Adjustable), Sterling, Ill.

12699— Rolls (Steel)

Steel Rolls for Rolling Mills, etc

Birdsboro Steel Foundry & Machine Co. Birdsboro, Pa.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland O.
See adv index at end of book
Hubbard Steel Foundry Co., E. Chicago, Ind.
Llewellyn Iron Wks., 1200H N. Main, Los Angeles, Calif.
Lobdell Car Wheel Co., Wilmington, Del.
Mackintosh-Hemphill Co. (Alloy, "Manganite"), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
MESTA MACHINE CO. (Acid Open Hearth), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Otis Steel Co., Leader-News bldg, Cleveland, O.
Penn Seaboard Steel Corp., Franklin Bank bldg., Philadelphia, Pa.
Pittsburgh Iron & Steel Foundry Co. ("Adamite"), H Oliver bldg, Pittsburgh, Pa.
Pittsburgh Rolls Corp ("Phoenix Metal"), 41st & Willow, Pittsburgh, Pa.
Pittsburgh Steel Foundry Co., 1115H Empire bldg, Pittsburgh, Pa.
Pratt & Letchworth Co. (Vanadium & Other Steel), Buffalo, N. Y.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Wheeling Mold & Foundry Co. (Super-Steel), Wheeling, W. Va.

12700—Rolls (Street Sweeper)

Lay Jos. Co. (Brass, Fibre, Bamboo, Rattan, Hickory, Splints, Steel Wire, etc), Ridgeville, Ind.

12701— Rolls (Suction)

Sandusky Foundry & Machine Co. ("Millspaugh"), Sandusky, O.

12702— Rolls (Tin Plate)

ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O.
See adv index at end of book
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Seaman-Sleeth Co., 41st & Willow, Pittsburgh, Pa.

12703—Rolls (Tool, Canvas)

Aronoff Joseph J., Trenton, N. J.
Cincinnati Tent & Awning Co., 232 E 3d, Cincinnati, O.
Detroit Leather Wks., 683 E Lafayette, Detroit, Mich.
Excelsior Bag & Mfg. Co., Troy, N. Y.

MULE-HIDE—"Not a Kick in a Million Feet"

Roll Roofing for Buildings
Asphalt Shingles
Cor-Du-Roy Asphalt Shingles
Asphalt Built Up Roofing

Plastic Car Roofings
Canvas " "
Waterproofing Membranes

Waterproof treated, processed Canvas Specialties
Waterproof, Insulating, and Sheeting Papers



THE LEHON COMPANY, Mfrs. 4451 S. Oakley Ave., Chicago

12704— Rolls (Typewriter)

Goodrich B. F. Co. (Rubber), Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12705-6— Rolls (Vacuum)

Farnham Mfg. Co. ("Farnham" for Cylinder & Wet Machines for Paper Mills), 39 Indiana, Buffalo, N. Y.

12707— Rolls (Wood)

Beloit Iron Works, Beloit, Wis.
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*

Established 1847
E. B. ESTES & SONS
Manufacturers of
TURNED WOOD ROLLERS, CASTER ROLLERS, PULLEY ROLLERS
Automatic Lathe Turnings of Every Description, Plain, Polished or Enameled
364 5th Ave., New York City

Hunt, Rodney, Machine Co., Orange, Mass.
Novelty Turning Co. (For Perforated Music), Norway, Me.
Standard Turning Works, Cambridge, Mass.
Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tatem J. B. & Son (Lawn Mower & Heavy), Putnam, Conn.

Rolls (Wringer)

See Rolls, Rubber

12707a— Roof Coating

Antaka Co. ("Roof Tight" Asbestoc Liquid), 212 N Jefferson, Chicago, Ill.
Certain-teed Products Co. ("Certain-teed" Tar Refined), Boatmans Bank bldg, St. Louis, Mo.
Du Pont Chemical Works, 120 Broadway, New York
Patton Paint Co., Milwaukee, Wis.
WYOMING ROOFING PRODUCTS CO. (Asbestos Fibre Liquid, "Water Tite"), Wyoming, Pa.

12708-9— Roof Joint

Parker E. L. & Nimmo Co. ("Reese" Patent Water Tight, Expanding, etc), 203 S Charles, Baltimore, Md.

12710— Roof Snow Guards

Berger Bros. Co., 229 Arch, Philadelphia, Pa.
Clason Architectural Metal Works, Inc. ("Clason" New & Old Slate Roofs), 428 Kinsley, Providence, R. I.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Danzer Metal Works, Hagerstown, Md.
Duplex Hanger Co. ("Cleveland," Galvanized & Corrugated), E 53rd & Lakeside av, Cleveland, O.
Folsom Snow Guard Co., 4 P. O. sq, Boston, Mass.
Fulmer J. H. ("Eagle," "Fulmer," "Eureka"), Nazareth, Pa.
Hamblin & Russell Mfg. Co. ("Brace," "Standard"), Worcester, Mass.
Hungerford U. T. Brass & Copper Co (Copper & Galv'd Iron), 80 Lafayette, New York
KNICKERBOCKER SLATE CORP., 153 E 38th, New York
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
National Safety Fifth Wheel Co. ("Shamrock"), Lancaster, Pa.
Niksah Snow Guard Co. (Wire), 5 Mount Pleasant, Worcester, Mass.
Peter F. N. & Bro. ("Never Break"), Newside, Pa.
Sieger & Son Mfg. Co., Slatington, Pa.
Wrightsville Hardware Co. (Cast Iron), Wrightsville, Pa.

Roof Trusses

See Steel Structural Work

12711—Roofers (Plastic Slate)

Aeolian Plastic Slate Roofing Co. (Tile, Brick & Slate Paved Roofs), 637 W 42d, New York
Casmento Specif Roofing Co., 103 Park av, New York
Foy Edw. L. & Co., 16 W Camden, Baltimore, Md.
Griffin Roofing Co., 506 W 26th, New York
Johns-Manville Inc. (Ready to lay built up, corrugated shingles), Madison av & 41st, New York.
Laura John & Co., 101 Park av, New York
Noble H. Co., Caroline & Aliceanna, Baltimore, Md.

12712— Roofing (Actinolite)

Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.

12713— Roofing (Asbestos)

American Insulation Co., Roberts av & Stokly, Phila., Pa.
See adv index at end of book
Aspromet Co., 1st National Bank bldg, Pittsburgh, Pa.
Baltimore Roofing & Asbestos Mfg. Co., Asbestos, Md.
CAREY PHILIP MFG. CO. ("Carey," "Fibrerock" Asphalt Saturated Felt, "Manco" Asphalt Cement), 330 Wayne av, Cincinnati, O.
See adv index at end of book
Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Hoff Magnesite Co. ("Hoffite Plastic"), Monadnock bldg, San Francisco, Cal.
Johns-Manville H. W. Co. (Ready-to-lay **Built-Up, Corrugated Shingles), Madi**son av & 41st New York
Keasbey & Mattison Co., Ambler, Pa.
Malott & Peterson, Inc., Monadnock bldg, San Francisco, Cal.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill.
See adv index at end of book
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Rock Asbestos Roofing Co. (Jobbers), Dept. H, Erie, Pa.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

12714-15—Roofing (Asbestos Protected Metal)

Aspromet Co., 1st National Bank bldg, Pittsburgh, Pa.
Moeschl-Edwards Corrugating Co. ("Gem" Brand Underside Protected with Cement Paper or Asbestos), Covington, Ky.

12716—Roofing (Asphalt, Ready)

Burlap Back
Gravel Surface
Grit Surfaced
Mica Plated
Pebble Surface
Sand Surface
Slate Surface
Stone Surface
Terra Cotta Surface

Amalgamated Roofing Co. ("In-Lade"), 431 S Dearborn, Chicago, Ill.
American Roofing Co. ("Peerless"), Kansas City, Mo.
Apco Asphalt Roofing Co., 47 W 34th, New York
Asphalt Roof Coating Co., Ltd. ("Protection"), 10 E 43d, New York
Asphalt Roofing Co. ("Wanigas"), Saginaw, Mich.
Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila., Pa.
Barnitz Geo. A., York, Pa.
Barrett Co. ("Amatite," "Black Diamond") 17 Battery pl, New York
Beckman-Dawson Roofing Co., 19 S La Salle, Chicago, Ill.
Berkheimer J. E. Mfg. Co., Tacoma, Wash.
Bird & Son ("Neponset Paroid", East Walpole, Mass.
Bodine Roofing Co., Mansfield, O.
CAREY PHILIP MFG. CO. ("Carey" Roll Roofings, "Feltex" Asphalt Saturated Felt, "Manco" Asphalt Cement, "Fibrecoating"), 330 Wayne av, Cincinnati, O. *See adv index at end of book*
Carpenter-Morton Co. (Wool Felt Saturated with Asphalt), 77 Sudbury, Boston, Mass.
Certain-teed Products Corpn., Boatman's Bank bldg., St. Louis, Mo.
Chapman & Soden ("Beaver," "I. X. L."), 150 Oliver, Boston, Mass.
Chatfield Mfg. Co. ("Paracote" Asphalt Felt), Carthage, Cincinnati, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Doggett Stanley (Soapstone Finish), 11 Cliff, New York
Driscoll Bros. & Co. ("Cornell"), Ithaca, N. Y.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Flintkote Co. ("Rex Slate Surfaced," "Rex Inlaid" Asphalt Slate Surface Shingle Pattern Roll), 88 Pearl, Boston, Mass.
Ford Mfg. Co. ("Gal-va-nite"), 2339 La Salle, Chicago, Ill.
FRICK & LINDSAY CO. (Dealers "Superior" & "Standard" Grades), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Heppes Roofing Division The Richardson Co. ("Flex-a-tile Roofing"), Lockland, O.
Hind Thos. J. Co., 49 Milk, Boston, Mass.
Keystone Roofing Mfg. Co. ("Keystone" Slate Surfaced Road Roofing), York, Pa.
Lehon Co. ("Mule-Hide," "Roofrite"), 4451 S Oakley av, Chicago, Ill.
See adv index at end of book
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
McHenry-Milhouse Mfg. Co. ("Climax," "Durable," "Standard"), South Bend, Ind.
Mahon R. C. Co. (Gravel Surface), St. Aubin & E Grd blvd., Detroit, Mich.
Malott & Peterson Inc., Monadnock bldg, San Francisco, Cal.
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
National Roofing Co. ("Security," "Safety"), Tonawanda, N. Y.
Oertel Roofing Mfg. Co., E. St. Louis, Ill.
Orleans Steel Products Co. Inc. (Jobbers), 1021H Bienville, New Orleans, La.
Paraffine Companies, Inc. The ("Malthoid" & "Ruberoid"), 34 First, San Francisco, Cal.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Pioneer Paper Co. ("Ready Rock"), Los Angeles, Cal.
Piper J. A. Roofing Co., Greenville, S. C.
Porter Iron Roofing & Corrugating Co. ("Porteroid"), 522 Culvert, Cincinnati, O.
Safepack Mills ("Safekote", "Resists", "Repello," "Watershed," 727 Atlantic av, Boston, Mass.
Sall Mountain Co. ("Reliance"), 305 S La Salle, Chicago, Ill.
Schillinger Bros. ("Eagle" Brand), Detroit, Mich.
Scott Roofing & Mfg. Co. ("Asteroid Scottco"), 408 Culvert, Cincinnati, O.
Sonneborn L. Sons ("Sonnecote," "Stormtight," Asphalt-Fibre), 262 Pearl, New York
Standard Paint Co. ("Rub-ber-oid"), 95 Madison av, New York
Stowell Mfg. Co. (Slate & Asphalt Surfaces), 240 Culver av, Jersey City N. J.
TEXAS COMPANY ("Texaco," "Texacoat," "Texalene," "Texene," "Texawax"), 17 Battery pl, New York
See adv index at end of book
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
United Roofing & Mfg. Co. ("Congo"), Morris bldg, Phila., Pa.
Usona Mfg. Co. ("Howard's" Double Lap, "Usona"), Aurora, Ill.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Chemical & Mfg. Co. ("Anchor," "Walrus," "Mineralite" and "Permanoid"), 17 Battery pl, New York
Watson H. F. Co. ("Indruroid"), Erie, Pa.
Western Builders Supply Co., 135 2nd, San Francisco, Cal.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Whitaker Paper Co. ("Raintyte"), Eggleston av, 6th & Lock, Cincinnati, O.

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LEATHEROID ROOFING
All kinds of ROOFING, BUILDING and INSULATING PAPERS
THE UNION PAPER & TWINE CO.
128 St. Clair Avenue, N. W. - - CLEVELAND, O.

White A. H. Co., Ltd. ("Shellene," "Phaltold," "Steelcote"), Howard Vinus Miro & Tonti, New Orleans, La.

12717—Roofing (Asphalt Slag)

Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

12718— Roofing ("Burmite")

Burmite Roofing Co. (Prepared Roofing & Asphalt Shingles), Argo, Ill.

12719— Roofing (Canvas)

Barrell Wm. L. Co. ("Con-Ser-Tex"), 8 Thomas, New York
Boyle John & Co. ("Bayonne"), 112 Duane, New York
Flintkote Co. ("Paradux"), 88 Pearl, Boston, Mass.

12720— Roofing (Car)

Asbestos Protected Metal Co. ("Robertson" Standard For Inside of Box Cars), Beaver Falls, Pa.
Barrell Wm. L. Co. ("Con-Ser-Tex"), 8 Thomas, New York
Bird & Son ("Neponset," "Paroid"), East Walpole, Mass.
Carey Philip Mfg. Co. (For Freight Cars, etc.), 330 Wayne av, Lockland, Cincinnati, O. *See adv index at end of book*
Chicago-Cleveland Car Roofing Co. (Freight Car, Metal), 80 E Jackson blvd, Chicago, Ill.
Excelsior Car Roof Co. (Galvanized Soft Steel), 207 N 8th, St. Louis, Mo.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Hutchins Car Roofing Co. (Iron & Plastic), Ford bldg., Detroit, Mich.
Johns-Manville Inc. ("Car-Best-Us"), Madison av & 41st, New York
Keyes Products Co. ("Nevasplit," Ice Freight Car Roofs), 120 B'way, New York
Lehon Co. ("Roofite" Plaster), 4451 Oakley av, Chicago, Ill.
See adv index at end of book
Patent Vulcanite Roofing Co. ("Vulcanite Rubber), 2256 W 49th, Chicago, Ill.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Scott Roofing & Mfg. Co. ("Scott's"), 4 Culvert, Concinnati, O.
Standard Paint Co. ("Ru-ber-oid"), 233 B'way, New York
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

12721—Roofing (Composition)

Arco Co., Euclid av & E 65th, Cleveland, O.
Asphalt Roof Coating Co., Ltd., 10 E 43rd, New York
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Ehret Roofing & Mfg. Co. ("Ehro"), Drexel bldg, Philadelphia, Pa.
Flintkote Mfg. Co. ("Mikado," "Rex Flutkote," "Zarex," "Rex Stato Surfaced," "Rex Inlaid," "Guardian," "Steadfast"), 88 Pearl, Boston, Mass.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Igoe Brothers (Also Tarred), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Monsted A. Co., Milwaukee, Wis.

12722— Roofing (Compound)

Arco Co., Euclid av & E 65th, Cleveland, Ohio
Atlas Co., Lincoln, N. J.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Powell M. W. Co., 140 S Dearborn, Chicago, Ill.

12723— Roofing (Cork)

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Roofing (Duck)

See Cotton Duck & Canvas

12724— Roofing (Elaterite)

Raven Mining Co. of Utah ("Kapak"), Marquette bldg, Chicago, Ill.
Western Elaterite Roofing Co., Denver, Colo.

12725— Roofing (Feldspar)

Keystone Roofing Mfg. Co., York, Pa.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

12726— Roofing (Felt)

Asphalt Roof Coating Ltd. ("Hudson"), 10 E 43rd, New York
Feld Geo. A. Co., 162 E 129th, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.

12727—*Roofing ("Leatheroid")

UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

12728— Roofing (Mastic)

Powell M. W. Co., 140 S Dearborn, Chicago, Ill.
Union Products Co. ("Parlock"), 1248 W 70th, Cleveland, O.

12728a—Roofing Material (Crushed Brick)

California Brick Co., Niles, Cal.

Roofing Materials

See Specific Article Required

Roofing Materials (Asphalt)

See Asphalt Dealers & Importers
Also Asphalt Miners & Refiners
Also Roofing Asphalt

12729-30—Roofing (Paroid)

Bird & Son ("Neponset"), East Walpole Mass.

Roofing Plate, Metals, Etc.

See Roofing & Siding, Iron & Steel, also Tin Plate, Metals, etc.; also Tin Plate Manufacturers

12731— Roofing (Rubber)

Asphalt Roof Coating, Ltd., 10 E 43rd, New York
Barrett Co. ("Amazon"), 17 Battery pl, New York
Berkheimer J. E. Mfg. Co., Tacoma, Wash.
Cartier W. N. & Sons Co. ("Roger Williams," Rubberlyk), 289 Canal, Providence, R. I.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Flintkote Co. ("Mikado"), 88 Pearl, Boston, Mass.
Ford Mfg. Co. ("Ford's Pyramid"), 2339 La Salle, Chicago, Ill.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Heppes Roofing Division The Richardson Co. (Flint surfaced & slate surface), Lockland, O.
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
National Roofing Co., Tonawanda, N. Y.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
O'Meara Maurice Co. ("Perfect," "Raintight"), 448 Pearl, New York
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Rubber Roofing Mfg. Co. ("Apollo"), 5 Cortlandt, New York
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Roofing & Mfg. Co., Morris bldg Phila., Pa.
Usona Mfg. Co. ("Paratax," "Oroofs"), Aurora, Ill.

Roofing Slate (Asbestos)

See Shingles, Asbestos

12732—Roofing Slate (Graduated)

Eureka Slate Quarries, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Slate Co., 148 State, Boston, Mass.
Hampshire Slate Co., Fair Haven, Vt.
Handy N. B. Co. (Jobbers), Lynchburg, Va.
KNICKERBOCKER SLATE CORP., 153 E 38th, New York
OLD ENGLISH SLATE QUARRIES, 10 Milk, Boston, Mass.

12733— Roofing Slate Mfrs.

NOTE—(Slate quarried in Maine is all black, ditto Virginia, while that quarried in Pennsylvania & Maryland is also black, but borders on dark blue, & is advertised by some firms as dark blue. The slate quarries of Maryland are on the Penna. State line & the P. O. address is Delta, Pa. Slate quarried in New York is red of various tints, while that quarried in Vermont is of various colors, such as green, purple, variegated, etc.)
Albion Bangor Slate Co., Wind Gap, Pa.
Albion Superior Slate Co., Wind Gap, Pa.
Albion Vein Slate Co., Bangor, Pa.
American Sea Green Slate Co., Granville, N. Y.
American Slate Co., Easton, Pa.
Arvonia-Buckingham Slate Co., Richmond, Va.
Auld & Conger Co. ("Peach Bottom," "Bangor Ribbon"), 942 Prospect, Cleveland, O. Quarries at Poultney, Vt.
Baltimore Peach Bottom Slate Corp., Delta, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Barbon Slate Co., Slatington, Pa.
Beckman-Dawson Roofing Co., 19 S La Salle, Chicago, Ill.
Belfast Slate Co., Nazareth, Pa.
Bittner Slate Co., Allentown, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Blue Vein Slate Co., Slatington, Pa.
Bray J. Slate Co. (Dealers), East Bangor, Pa.
Cambridge Slate Co., Slatington, Pa.
Chapman Slate Co., Bethlehem, Pa.
Chapman Standard Slate Co., Phila., Pa.
Columbia Bangor Slate Co., Bangor, Pa.
Columbus Slate Co. (Wholesale), New Hayden bldg, Columbus, Ohio
Crown Slate Co., Pen Argyl, Pa.
Ditchett Thos. Estate, Bangor, Pa.
See adv index at end of book

Thos. Ditchett Estate
Roofing Slate
from the
Columbia Bangor Quarry

Emack Jno. D. Co. (Jobber), 112 S 16th, Phila., Pa.
Eureka Slate Mfg. Co. (Ltd.), Slatington, Pa.
Eureka Slate Quarries, Fair Haven, Vt.
Excelsior Slate Co., Pen Argyl, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fairview Slate Co., Slatington, Pa.
Farwell Cornice Co., 3935 Southport av, Chicago, Ill.
General Slate Co. (Unfading Blue-Gray), **(Quarries at Fair Haven, Vt. & Monson, Me.)**, 148 State, Boston, Mass.
Green Mountain Slate Co., Poultney, Vt.
Griffith Bros. Slate Co., Slatington, Pa.
Griffith Wm., Poultney, Vt.
Hahn Granville, Walnutport, Pa.
Hampshire Slate Co., Fair Haven, Vt.
Handy N. B. Co., Lynchburg, Va.
Harding William, Jr., Pen Argyl, Pa.
Hazel Dell Slate Co., Slatington, Pa.
Herrmann & Grace Co., 671 Bergen, B'klyn, N. Y.
Highland Slate Co., Slatedale, Pa.
Higrade Slate Co., Granville, N. Y.
Hower Jeremiah K., Danielsville, Pa.
Inlaid Slate Co., Wickliffe, Newark, N. J.
Inlaid Slate Co., Pen Argyl, Pa.
International Slate Co., Slatington, Pa.
Jackson Bangor Slate Co., Pen Argyl, Pa.
Jackson Rich Slate Co., Pen Argyle, Pa.
Jones Faulk & Sons, Slate Hill, Pa.
Jones Robt. L. Slate Mfg. Co., Delta, Pa.
Kasch Roofing Co., Akron, Ohio.
Keenan Structural Slate Co., Bangor, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.

ROOFING SLATE MFS.—continued
Keenan W. H., Bangor, Pa.
Kimes J. B. & Co. (Jobbers), 24th & Callowhill, Phila., Pa.
Kirtland Wm. H. (Jobbers), 1123 B'way, New York
KNICKERBOCKER SLATE CORP., 153 E 38th, New York
Lehigh Structural Slate Mfg. Co., Bangor Pa.
Lobb Parry & Co., Danielsville, Pa.
Lynnport Slate Works, Lynnport, Pa.
Mahar Bros. Slate Co., Fair Haven, Vt.
Miles Peach Bottom Slate Co., Delta, Pa.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Montgomery Slate Co., Shenandoah, Pa.
New York Consolidated Slate Co., Poultney, Vt.
Norton Bros., Granville, N. Y.
O'Brien Bros., Granville, N. Y.
Oertel Roofing Mfg. Co., E. St. Louis, Ill.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
OLD ENGLISH SLATE QUARRIES, 10 Milk, Boston, Mass.; quarries at Granville, N. Y., Hampton, N. Y., & Fairhaven & Poultney, Vt.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Owens' Owen W. Sons, Granville, N. Y.
Parsons Bros. Slate Co., Pen Argyl, Pa.
Peach Bottom Slate Co., Delta, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Hard Vein Slate Co., Easton, Pa.
Penna. Slate Co., Slatington, Pa.
Penryn Slate Co., Hydeville, Vt.
Peters E. D. & Sons, Slatington, Pa.
Phoenix Slate Co., Wind Gap, Pa.
Piper J. A. Roofing Co., Greenville, S. C.
Pitts A. L. Slate Co., Arvonia, Va.
Portland Monson Slate Co., Portland, Me.
See adv index at end of book
Proctor Slate Quarries (Peach Bottom), Cardiff, Md.
Provident Slate Co., Slatington, Pa.
Rice & Co., Granville, N. Y.
Richmond Slate Co., Arvonia, Va. **(See Richmond, Va.)**
Richmond Slate Co., Richmond, Va. **(Quarries: Arvonia, Va.)**
Rising & Nelson Slate Co., West Pawlet, Vt.
Roberts & Carter, Poultney, Vt.
Roberts G. T., West Pawlet, Vt.
Royal Blue Slate Co., Slatedale, Pa.
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Sheldon F. C. Slate Co., Granville, N. Y.
Sieger & Son Mfg. Co. (Jobbers), Slatington, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Stephens Jackson Co., Pen Argyl, Pa.
Stoddard D. & Son, Pen Argyl, Pa. **(See Bangor, Pa.)**
Stoddard D. & Sons, Bangor, Pa.
Superior Slate Co., Inc. ("Crescent Bougor"), Allentown, Pa.
Thomas Slate Co. (Ltd.), Slatedale, Pa.
Tinsman M. L. & Co., Penn Argyl, Pa.
United Peach Bottom Slate Co., Delta, Pa.
Valley Cornice & Slate Co., Ltd. **(Slate & Tile),** Saginaw, Mich.
VENDOR SLATE CO., Drake bldg, Easton, Pa.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Mutual bldg, Richmond, Va. **(Quarries: Arvonia, Va.)**
Williams R. J. Slate Co., Granville, N. Y.
Woodley Slate Co., Bangor, Pa.
Zellner Thos., Slatington, Pa.

12734—Roofing Slate (Purple)

American Sea Green Slate Co., Granville, N. Y.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Griffith Wm., Poultney, Vt.
Knickerbocker Slate Corp., 153 E 38th, New York
Mahar Bros. Slate Co., Fair Haven, Vt.
New York Consolidated Slate Co., Poultney, Vt.
Old English Slate Quarries, 10 Milk, Boston, Mass.
Rising & Nelson Slate Co., West Pawlet, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.
Williams R. J. Slate Co., Granville, N. Y.

12735—Roofing Slate (Red)

KNICKERBOCKER SLATE CORP., 153 E 38th, New York
Old English Slate Quarries, 10 Milk, Boston, Mass.
Sheldon F. C. Slate Co., Granville, N. Y.
Superior Red Slate Co., Granville, N. Y.

12736-7—Roofing Slate (Sea Green)

American Sea Green Slate Co., Granville, N. Y.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Edward Bros., Granville, N. Y.
Griffith, Wm., Poultney, Vt.
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
Knickerbocker Slate Corp., 153 E 38th, New York
Norton Bros., Granville, N. Y.
O'Brien Bros., Granville, N. Y.
Old English Slate Quarries, 10 Milk, Boston, Mass

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Owens' Owen W. Sons, Granville, N. Y.
Rice & Co., Granville, N. Y.
Rising & Nelson Slate Co., West Pawlet, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.
Williams R. J. Slate Co., Granville, N. Y.

12738—Roofing Slate (Unfading Green)

Eureka Slate Quarries, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co. Fair Haven, Vt.
General Slate Co., 148 State, Boston, Mass.
Hampshire Slate Co., Fair Haven, Vt.
Knickerbocker Slate Corp., 153 E 38th, New York
New York Consolidated Slate Co., Poultney, Vt.
Old English Slate Quarries, 10 Milk, Boston, Mass
Penryn Slate Co., Hydeville, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.

12738a—Roofing Slate (Variegated, Purple & Green)

Am. Coating Mills, Elkhart, Ind.
Old English Slate Quarries, 10 Milk, Boston, Mass
VENDOR SLATE CO., Drake bldg, Easton, Pa.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.

12739—Roofing Tile (Actinolite)

Le Goullon P., 27th & Liberty, Pittsburgh, Pa.
Powell M. W. Co., 140 S Dearborn, Chicago, Ill.

12740—Roofing Tile (Cement)

Acme Concretile Co., Milwaukee, Wis.
American Cement Tile Mfg. Co. ("American" for Factories, Depots, etc.), Oliver bldg, Pittsburgh, Pa.
Anchor Building Co., Elizabeth, N. J.
See adv index at end of book
Armstrong Co., 226 Post av, Detroit, Mich.
Bowe Construction Co., Kokomo, Ind.
Bray Bros., Terre Haute, Ind.
Crume Brick Co., Dayton, O.
Dearborn Concretile Co., Aurora, Ind.
Empire Tile Co., 5120 Sween av, Cleveland, O.
Federal Cement & Tile Co. (For All Types of Factory bldg), 110 S Dearborn, Chicago, Ill.
Ferguson Lbr. Co., Rockville, Ind.
Gibraltar Concretile Co., Indianapolis, Ind.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Hine Concretile Co., Grand Rapids, Mich.
Knox & Maier Co., Atlanta, Ga.
Lange Bros., Champaigne, Ill.
Newport Rolling Mill Co., Newport, Ky.
Pearson Concretile Co., Morristown, N. J.
Piper J. A. Roofing Co., Greenville, S. C.
P. & R. Concrete Roofing Tile Co., Buffalo, N. Y.
Snall A. T. Brick Co., Macon, Ga.
Swartz & Koenig, Sullivan, Ill.
Universal Roofing Tile Co., 3690 Milwaukee, Chicago, Ill.
U. S. Gypsum Co. ("Pyrobar" Deck), 205 W Monroe, Chicago, Ill.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Wantega Sand & Gravel Co., Johnson City, Tenn.
Worchester Brick Co., Worchester, Mass.

Roofing Tile (Concrete)

See Roofing Tile, Cement

12741—Roofing Tile (Glass)

American Cement Tile Mfg. Co., Oliver bldg., Pittsburgh, Pa.

12742—Roofing Tile (Metallic)

See also Shingles, Metallic
Chattanooga Roofing & Foundry Co. ("New Century," "Old English"), Chattanooga, Tenn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Duluth Corrugating & Roofing Co., Duluth, Minn.
Mullins Body Corp., 341 Franklin, Salem, Ohio
NATIONAL SHEET METAL ROOFING CO. ("Walter's"), 339 Grand, Jersey City, N. J. *See adv index at end of book*
New Process Roofing & Supply Co., Dallas, Tex.
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, Ohio
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

12743—Roofing Tile (Metallic, Spanish Shapes)

EDWARDS MFG. CO. ("Edwards"), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Meurer Geo. C. Co., 22 Clay, Brooklyn, N. Y.
Miller & Doing, 60 York, Brooklyn, N. Y.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.
See adv index at end of book
Reeves Mfg. Co., Dover, O.
St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.

12744-5—Roofing Tile (Promenade)

Akron Roofing Tile Co., Brook, Akron, O.
Des Moines Clay Co., Des Moines, Ia.
Kushequa Keramic Co. (Chocolate Red), Kushequa, Pa.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
White Scott A., 401H Renshaw bldg, Pittsburgh, Pa.

Roofing Tile (Reinforced)

See Roofing Tile, Cement



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545-565 Eggleston Ave., Cincinnati, Ohio

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12746—Roofing Tile (Terra Cotta)

Akron Roofing Tile Co., Brook, Akron, O.
Alfred Clay Co., Alfred Station, N. Y.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Des Moines Clay Co., Des Moines, Ia.
Farwell Cornice Co., 3935 Southport av, Chicago, Ill.
Gladding, McBean & Co., Crocker bldg., San Francisco, Cal.
Huntington Roofing Tile Co. ("Huntington" Shingle Tile), Huntington, W. Va.
Ketcham O. W., 24 S. 7th, Phila., Pa.
Los Angeles Pressed Brick Co. (Impervious), Los Angeles, Cal.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
Maurer Henry & Son, 420 E 23d, New York
Mound City Roofing Tile Co., 3301 Morganford rd, St. Louis, Mo.
Murray Roofing Tile Co. (Flat Shingles & Tile), Cloverport, Ky.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
White Scott A. (Mfrs. Agent), 401H Renshaw bldg, Pittsburgh, Pa.

12747—Roofing Tile (Terra Cotta, Glazed)

Akron Roofing Tile Co., Brook, Akron, O.
Des Moines Clay Co., Des Moines, Ia.
Ludowici-Celadon Co., Monroe bldg, Chicago, Ill.

12748—Roofing Tile (Terra Cotta, Graduated)

Akron Roofing Tile Co., Brook, Akron, O.
White Scott A., 401H Renshaw bldg, Pittsburgh, Pa.

12749—Roofing Tile (Terra Cotta, Spanish Shapes)

Akron Roofing Tile Co., Brook, Akron, O.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
White Scott A., Oliver bldg, Pittsburgh, Pa.

12750—Roofing Tin in Rolls & Sheets

Canton Art Metal Co., Canton, Ohio
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Merchant & Evans ("Camaret," "Merchants Old Method," "Liberty Old Style"), Washington av & 21st, Phila., Pa.
York Corrugating Co., York, Pa.

Roofing Tin Mfrs.

See Tin Plate Manufacturers

12751— Roofing (V-Crimp)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Delphos Mfg. Co. **("Veribest"), 1st & Pierce, Delphos, O.**
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Florida Metal Products Co. (Corrugated), Jacksonville, Fla.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Reeves Mfg. Co., Dover, Ohio
Trumbull Steel Co., Warren, Ohio

12752— Roofing (Vulcanite)

Mahoning Valley Steel Co., Niles, O.
McClellan Paper Co., 700 S 4th, Minneapolis, Minn.

12753—Roofing & Siding (Iron & Steel)

(Star (*) Indicates Rolling Mills)

See also Iron & Steel, Corrugated

*American Rolling Mill Co. ("American Ingot Iron" & Steel), Middletown, O.
***American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.**
Asbestos Protected Metal Co. ("A. P. M." Asbestos Protected), Beaver Falls, Pa.
Ashland Iron & Mining Co. (Black & Galvanized Roofing), Ashland, Ky.
Aspromet Co. (Corrugated & Flat), 1st National Bank bldg., Pittsburgh, Pa.
Berger Mfg. Co., Canton, O.
*Brier Hill Steel Co., Youngstown, O.
Burton W. J. Co., Junction & Leavitt avs, Detroit, Mich.
Canton Art Metal Co., Canton, O.
Canton Metal Ceiling Co., Canton, O.
*Carter Iron Co., 307 5th av, Pittsburgh, Pa.
Chattanooga Roofing & Foundry Co. (Patent-Leak Proof), Chattanooga, Tenn.
Cincinnati Sheet Metal & Roofing Co. ("P. A. T., "Magnet" Brand), 226 E Front, Cincinnati, O.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Colonial Supply Co., 217 Water, Pittsburgh, *See adv index at end of book*
Columbia Steel Tank Co. (Corrugated), New England bldg, Kansas City, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dickelman Mfg. Co., Forest, O.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
East Birmingham Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Falcon Steel Co., Niles, O.
*Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 819 Lincoln pl., Brooklyn, N. Y.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugaing Co., Newport, Ky.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Harry O. K. Steel Works, Dallas, Texas
Holzer R. G. (Est. of), (Corrugated), 317 Burgundy, New Orleans, La.
Hopson W. C. Co., Grand Rapids, Mich.
HYNDMAN ROOFING CO. (Corrugated Iron, Asbestos Lined), 318 E 2d, Cincinnati, O.
***INLAND STEEL CO.** (Open Hearth Steel Only), 1st Nat'l B'k bldg, Chicago, Ill.
International Steel & Iron Co., Evansville, Ind.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
LARKIN J. K. CO. (Corrugated Roofing), 253 Broadway, New York
See adv index at end of book
Lyon, Conklin & Co. Inc. ("Lyon"), 19 Balderston, Baltimore, Md.
McCullough Iron Co., Equitable bldg, Wilmington, Del.
Martin Metal Mfg. Co., Wichita, Kans.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Mobile Steel Co. (Galvanized), Mobile, Ala.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Nelson A. J. Mfg. Co., New Orleans, La.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
*Newport Rolling Mill Co. (Genuine Open Hearth, Rust Resisting Iron, Black & Galvanized), Newport, Ky.
N. Y. Iron Rfg. & Corr. Co., 1st, Jersey City, N. J.
N. Y. Metal Ceiling Co., 537 W 24th, New York
Niles Iron & Steel Roofing Co., Niles, O.
Norman W. F. Sheet Metal Mfg. Co., Nevada, Mo.
Ohio Corrugating Co., Warren, O.
Ohio Galv. & Mfg. Co. (Steel Only), Niles, O
*Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Pittston Iron Roofing Co., Pittston, Pa.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Republic Iron & Steel Co. (Niles Wks.), Niles, Ohio.
Republic Metalware Co., Buffalo, N. Y.
Republic Structural Iron Works Co. (Corrugated), 1350 E 53d, Cleveland, O.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.
Scott Roofing & Mfg. Co., Cincinnati, O.
*Seneca Iron & Steel Co. (Steel Only), Buffalo, N. Y.
Sharon Steel Hoop Co. ("Mahoning"), Sharon, Pa.
Sheet Metal Mfg. Co. (Dirs.), West Federal, Youngstown, O.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
*Stark Rolling Mill Co., Canton, O.
Steel Roofing & Stamping Wks., Des Moines, Ia.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Sykes Metal Lath & Roofing Co., Niles, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
*Trumbull Steel Co., Warren, O.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Watson J. H. Co. (Steel), Bradley, Ill.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker Glessner Co., Wheeling, W. Va.
Worthington Geo. Co., 802-832 St. Clair N W, Cleveland, O.
YOUNGSTOWN PRESSED STEEL CO., Warren, O. *See adv index at end of book*

12754—*Rope (Canal & Tow Lines)

See also Rope, Manila & Sisal

Columbian Rope Co. (Manila), 3050 Genesee, Auburn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.

Rope (Cast Steel Switching)

See Rope, Steel Switching & Wrecking

12755— Rope (Cotton)

See also Cordage & Twine Manufacturers
Anniston Cordage Co. ("Anniston," "Alabama," "Calhoun," "Oriole W. P.," "Eclipse," "Chicago," "Gilt Edge," "Acme," "Advance," "Albemarle," "Standard" & "Columbia"), Anniston, Ala.
Bibb Mfg. Co., Macon, Ga.
Burdett Mfg. Co., Kansas City, Mo.
California Cotton Mills Co., Oakland, Cal.
Cleveland Mill & Power Co. (Clothes Line, etc), Lawndale, N. C.
Cohankus Mfg. Co., Paducah, Ky.
Demopolis Cotton Mills, Montgomery, Ala.
Eagle & Phenix Mills, Columbus, Ga.
Ederer R. J. Co., 548 Orleans, Chicago, Ill.
Elder Jas., 230 W Coulter, Gtn., Phila., Pa.
Estes Mills (Sash Cord & Clothes Line), Fall River, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
See adv index at end of book
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Goss Bros., Fall River, Mass.
Hodson John M., Boone & Markle, Phila., Pa.
Holden James (Transmission), Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Hutcheson Mfg. Co., Banning, Ga.
Lambeth Rope Corp. (Transmission, etc), New Bedford, Mass.
Lees Mfg. Co., Westport, Conn.
Moore C. & Co., Dept. H, 5th & Market, Phila., Pa.
Mt. Vernon-Woodbury Mills, Inc., Cont. bldg, Baltimore, Md.
Orange Cotton Mills, Orangeburg, S. C.
Pioneer Cotton Mills, Guthrie, Okla.
Princeton Mfg. Co., Athens, Ga.
Puritan Cordage Mills, Louisville, Ky.
Samson Cordage Works ("Shirley"), 88 Broad, Boston, Mass.
Schermerhorn Bros. Co., 5 N La Salle, Chicago, Ill.
Small Bros., Fall River, Mass.
Southern Mills Corp., Oxford, Ala.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Tombigee Cotton Mills, Columbus, Miss.
Toohey M. J. & Co., Fall River, Mass.
Travers Twine & Cordage Co., 81 Warren, New York
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.

12756— Rope (Fibre Clad)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Waterbury Company, 63 Park Row, New York

Rope (Haulage & Transmission)

See Wire Rope & Cables; also Rope, Manila & Sisal

12757— Rope (Hay)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hooven & Allison Co., Xenia, O.
Kelly R. A. Co., Xenia, O.
Paxson J. W. Co., 1021 No. Delaware av, Phila., Pa.
Peoria Cordage Co., Peoria, Ill.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Wall Rope Works, Inc., 48 South, New York
Whitlock Cordage Co., 46 South, New York

12758— Rope (Hemp)

Bailey John T. Co., 19th & Washington, Phila., Pa.
Broderick & Bascom Rope Co. (Jobbers), 805 N Main, St. Louis, Mo.
Chelsea Fibre Mills, 212 5th av, New York
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Leschen A. & Sons Rope Co., Kennerly & Hamilton, Dept. H, St. Louis, Mo.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co. ("Mac Whyte"), Kenosha, Wis.
Moore C. & Co., 5th & Market, Phila., Pa.
New Bedford Cordage Co., 120 B'way, New York
Plymouth Cordage Co., N Plymouth, Mass.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
WALL ROPE WORKS, INC., 48 South, New York.
Whitlock Cordage Co., 46 South, New York

12759— Rope (Jute)

Am. Mfg. Co. ("American"), Noble & West, Brooklyn, N. Y.
Bailey John T. Co., 19th & Washington, Phila., Pa.
Chelsea Fibre Mills, 212 5th av, New York
Dolphin Jute Mills, Paterson, N. J.
Hodson John M., Boone & Markle, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading, Pa.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Radcliffe & Shaw Co., Glen Rock, Pa.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.

12760— Rope (Lead)

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
United Lead Co. ("Ulco"), 111 B'way, New York

12761—Rope (Locked Coil & Locked Wire)

Broderick & Bascom Rope Co., 805 N. Main, St. Louis, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Leschen A. & Sons Rope Co., Dept. H, Kennerly & Hamilton, St. Louis, Mo.

Rope (Manila Switch)

See Rope, Manila Transmission

12762—Rope (Manila Transmission)

American Mfg. Co. ("American"), West & Noble, Brooklyn, N. Y.
Broderick & Bascom Rope Co. (Jobbers), 805 N. Main, St. Louis, Mo.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
See adv index at end of book
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 745 W Van Buren, Chicago, Ill.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hooven & Allison Co., Xenia, O.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., Dept. H, Kennerly & Hamilton, St. Louis, Mo.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
New Bedford Cordage Co., 120 B'way, New York
Plymouth Cordage Co., North Plymouth, Mass.
Portland Cordage Co., 14th & Northrup, Portland, Ore.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("American"), 1715 S 11th, St. Louis, Mo.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
WALL ROPE WORKS, INC., 48 South, New York.
Waterbury Co., 63 Park Row, New York
Whitlock Cordage Co., 46 South, New York

12763—Rope (Manila & Sisal)

American Mfg. Co., West & Noble, Brooklyn, N. Y.
Broderick & Bascom Rope Co. (Jobbers), 805 N. Main, St. Louis, Mo.
Cating Rope Works, Maspeth, N. Y.
Central Rope Mfg. Co. (Manila Only), 181 Scholes, Brooklyn, N. Y.
COLONIAL SUPPLY CO. (Manila), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbian Rope Co. (Transmission, Hoisting, Bale, Hay & Hide Rope; also Jute & Hemp Rope, etc), 3050 Genesee, Auburn, N. Y.
Daniels C. R., Inc., 115 South, New York
De Grauw Aymar & Co., 34 South, New York
Ederer R. J. Co. (Manila Only), 548 Orleans, Chicago, Ill.
FEDERAL ROPE CO. (Manila Only), Morgan av & Ten Eyck, Brooklyn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fitler Edwin H Co., 517 Arch, Phila., Pa.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hooven & Allison Co., Xenia, O.
Hunt C. W. Co. (Manila Only), West New Brighton, N. Y.
See adv index at end of book
Indianapolis Cordage Co., Indianapolis, Ind.
Jackson Thos & Son Co. (Also Jute), Reading, Pa.
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., Dept. H, Kennerly & Hamilton, St. Louis, Mo.
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Merchants & Mfrs. Supply Co. (Shredded Sisal), Chelsea, Mass.
New Bedford Cordage Co., 120 B'way, New York.
Peoria Cordage Co., Peoria, Ill.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Plymouth Cordage Co., N Plymouth, Mass.
Portland Cordage Co. ("P"), 14th & Northrup, Portland, Ore.
Rinek Cordage Co. ("Rinek," Standard), Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("American" Manila, "Royal" Sisal), 1715 S 4th, St. Louis, Mo.
Standard Rope Co., Drexel bldg, Phila., Pa.
Travers Twine & Cordage Co., 81 Warren, New York
Tubbs Cordage Co. (6 Thread to 14" circumference), Kohl bldg, San Francisco, Cal.
WALL ROPE WORKS, INC., 48 South, New York
Waterbury Co., 63 Park Row, New York
Whitlock Cordage Co., 46 South, New York

12764— Rope (Plow, Steel)

American Steel & Wire Co. (Hoisting), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Fischer & Hayes Rope & Steel Co. ("Atlas Improved"), 742-744 W Van Buren, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO. ("Blue Center"), Trenton, N. J.
See adv index at end of book

12765— Rope (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
National Leather Mfg. Co., Niles, Mich.
Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.

12766—Rope Rigging (Yacht)

See also Rope, Manila & Sisal
For Wire Rigging Rope, See Wire Rope & Cables
American Mfg. Co., Noble & West, Brooklyn, N. Y.
Columbian Rope Co., 3050 Genesse, Auburn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.

Rope (Steel Mast Arm or Arc Light)

See Wire Rope & Cables

Rope (Steel Switching & Wrecking)

See Wire Rope & Cable

12767—*Rope (Switching Locomotive)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Rope (Tarred)

See Yarn, Tarred

12767a—Rope (Transmission)

Am. Mfg. Co., Noble & West, Brooklyn, N. Y.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbia Rope Co., 3050 Senessee, Auburn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book

12767b— Rope (Wire)

See also Wire Rope & Cable Manufacturers

Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Virginian Electric & Machine Works ("Williamsport"), Charleston, W. Va.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

12768—Ropes (Automobile Towing)

AMERICAN STEEL & WIRE CO. ("A. S. & W. Co.," also Cables), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Asch & Co. ("Motorope"), 16 W 61st, New York
Broderick & Bascom Rope Co. ("Basline"), 805 N Main, St. Louis, Mo.
Channon H. Co., 150 N Market, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hogarty Edward, Unionville, Conn.
Leschen A. & Sons Rope Co., Dept. H, Kennerly & Hamilton, St. Louis, Mo.
Papyrus Artificial Paper Mfg. Co., Kenilworth, N. J.
Samson Cordage Co., 88 Broad, Boston, Mass.

12769— Rosettes (Chair)

Berbecker & Rowland Mfg. Co. (Stamped Brass), Waterville, Conn.

12770— Rosettes (Electric)

Adapts Mfg. Co., 919 West, Cleveland, O.
American Conduit Mfg. Co., New Kensington, Pa.
Arrow Electric Co. ("Midget" & "K W" Fuse & Fuseless "Arrow" Pole Switch) Hartford, Conn.
Bonnell, W. A., 192 Chambers, New York
Bryant Electric Co. ("Bryant" Switch Rosettes & "K-W"), Brigeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse Hinds Co. ("Norbitt" Porcelain), Syracuse, N. Y.
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
Hart & Hedgeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Heinemann Geo., 728 W Girard av, Phila., Pa.
Hubbell Harvey Co., Bridgeport, Conn.
Manhattan Electrical Supply Co. (For the Ceiling), 17 Park pl, New York
See adv index at end of book
Mesa Fernando C. Co., Dept. H, Coit & Chancellor av, Irvington, N. J.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Pass & Seymour ("P. & S." & "Littlegem"), Solvay, N. Y.
Paulding John D., Box 467, New Bedford, Mass.
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Trumball Elec. Mfg. Co., Woodford av, Plainville, Conn.
Union Elec. Co., Trenton, N. J.

12770a—*Rosettes ("Standard")

General Electric Co., Schenectady, N. Y.
See adv index at end of book

12771— Rosettes (Harness)

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Rubber & Celluloid Products Co., 56 Ferry, Newark, N. J.

12772—*Rosettes (Turned Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

12773—Rosettes & Pickets (Iron)

Braun J. G., 609 S Paulina, Chicago, Ill.
Kline Hardware Co., Allentown, Pa.
Milwaukee Hay Tool Co. (Malleable Iron Pickets), Layton Park, Milwaukee, Wis.
Pratt Wm. E. Mfg. Co. (Malleable Iron), 35 W Lake, Chicago, Ill.

12774— Rosin Mfrs.

Adams F. C. Co. (Mfrs.' Agt.), 118 La Salle, Chicago, Ill.
Antwern Naval Stores Co., Savannah, Ga.
Ashe-Carson Co., Andalusia, Ala.
Barclay Naval Stores Co. (Jobbers), 60 Delevan, Brooklyn, N. Y.
Breslauer, A. (Mfrs. Agent), American National Bank bldg, San Francisco, Cal.
Bush Chas. S. Co. (Powdered), 224 Weybosset, Providence, R. I.
Central Commercial Co. (Jobbers), 111 N Market, Chicago, Ill.
Columbia Naval Stores Co., Savannah, Ga.
Cremoline Disinfecting Co., 121 S Main, St. Louis, Mo.
Doggett Stanley (Dealers), 11 Cliff, New York
Forest Products Co. ("Pinesote"), 1212 Whitney, New Orleans, La.
GENERAL NAVAL STORES COMPANY ("Newport"), McCormick bldg., Chicago, Ill.; 90 West, New York
Good James Inc. (Powdered), Amber & Susquehanna av, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
HERCULES POWDER CO.
Wilmington, Del.
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
London-Savannah Naval Stores Co., Savannah, Ga.
Michigan Electrochemical Co., Menominee, Mich.
Millville Pulp & Products Co., Millville, N. J.
National Pulp & Turpentine Co., Green Cove Springs, Fla.
National Rosin Oil & Size Co., 90 West, New York
Naval Stores Equipment Co. (Jobbers), Canal Bank bldg, New Orleans, La.
Newport Turpentine & Rosin Co., Milwaukee, Wis.
New York Rosin Oil & Varnish Co. (Rosin Oil & Products), 90 West, New York
North Carolina Naval Stores Co., Wilmington, N. C.
Peninsular Naval Stores Co., Jacksonville, Fla.
Petteway H. H., Wauchula, Fla.
Producers' Turpentine Co., Elizabeth, La.
Rosin & Turpentine Export Co. (dealers), 26 Cortlandt, New York
Scheel Wm. H. (Jobbers), 159 Maiden la, New York *See adv index at end of book*
Sealy Thos. (Jobbers), 138 Front, New York
Stevens Frederic B. (Jobbers), Powdered, etc.), 3d & Larned, Detroit, Mich.
See adv index at end of book
Taylor, Lowenstein & Co., Mobile, Ala.
Turton C. B. Co. (Jobbers), 16 Exchange pl, New York
Webb A. L. & Sons, Maryland Trust bldg, Baltimore, Md.
Weeks-Howe-Emerson Co. (Dealers), 90 Market, San Francisco, Cal.
Winkler Isaac & Bro. Co. (Jobbers), First Natl. Bank bldg, Cincinnati, O.

12775—Rotary Rapper for Bench Moulders

Fulton Foundry & Machine Co., 21 Furman, Brooklyn, N. Y.

12775a— Rotten-Stone

See also Pumice Stone Importers
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Keystone Minerals Co., 41 Union sq, New York
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.

12776— Rouge (Powdered)

See also Compositions, Buffing
CHRYSTAL CHAS. B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mirror Range Co. (Glass Polishing), New Kensington, Pa.
Munning A. P. & Co., Matawan, N. J.
Smith J. Lee & Co. (Imp), 19 Jacob, New York

12776a—*Roughs (Last & Tenpin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12777— Roundels

Corning Glass Works (Semaphore Classification Lamps & Other Signals), Corning, N. Y.

12777a— *Rounds (Chair)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12778— Rounds (Ladder)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

12779— Row-Locks

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Detroit Shipbuilding Co., Ft. Orleans, Detroit, Mich.
Durkee Chas. D. & Co., 2 South, New York
Greene, Tweed & Co., 109 Duane, New York
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Malleable Iron Fittings Co. ("Davis" Pattern, "Hammer" Self-Locking; etc; "M. I. F. Co."), Branford, Conn.
Marine Hdw.-Equipment Co., So. Portland, Me.
Morss A. S. Co., 132 Federal, Boston, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Tiebout W. & J., 118 Chambers, New York
Wilcox, Crittenden & Co., Inc. ("Adirondack," "Blackburn," "Columbian," "Southwick," "Milwaukee," "Moline," "Detroit," "Vancouver," "Victoria," "Boston Pattern," "Davis," "Acme," "North River," etc), Middletown, Conn.
See adv index at end of book

12780—Rubber Bumpers & Cushions

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Lincoln Park, Boston, Mass.
Cincinnati Rubber Mfg. Co. (Springs), Cincinnati, O.
Closet Seat Bumper Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B F. Co., Akron, O
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Long Adam A. Machine Works ("Q. D." Closet Seat), Rochester, N. Y.
National India Rubber Co., Bristol, R. I.
New York Belting & Packing Co., 91 Chambers, New York
Norwalk Mfg. Co. (Bumpers), E Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Corp., Dept. H, Youngstown, Ohio
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, New York
Woven Steel Hose & Rubber Co., Trenton, N. J.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

12781— Rubber (Crude)

Aldens' Successors (Ltd.) (Imp), 290 B'way, New York
American Trading Co., 25 Broad, New York
Arnold & Zeiss, 347 Madison av, New York
Astlett H. A. & Co. (Imp), 113 Pearl, New York
Baird Rubber & Trading Co., 9 Murray, New York
Blitz L., 4 Stone, New York
Brandon Isaac & Bros., 17 Battery pl, New York
Brown W. G. & Co., Union Central bldg, Cincinnati, O.
Calvet, Pablo & Co., 99 Water, New York
Catz American Co., Inc. (Imp), 59 Pearl, New York
Dumarest Bros., 66 Front, New York
Dunbar F. W. & Co. (Imp.), 280 B'way, New York
Earle Bros., 66 Broad, New York
Eastmond & Co. (Imp.), 128 Pearl, New York
Eggers & Heinlein, 59 Pearl, New York
General Export & Commission Co., 8 Bridge, New York
General Rubber Co., 1790 B'way & 58th, New York
Gillespie Bros. & Co., 11 B'way, New York
Gonzalez Andres (Imp), 82 Pine, New York
Gough W. L. Co., 16 Exchange pl, New York
Grace W. R. & Co., 7 Hanover Square, New York
Hagemeyer & Brunn, 82 Beaver, New York
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Held A., 11 William, New York
Henderson F. R. & Co., 111 B'way, New York
Hirsch Adolph & Co. (Imp), 63 Park Row New York
Johnson Lawrence & Co., 209 So. 3rd, Phila., Pa.
Johnstone J. T. & Co. (Imp.), 22 William, New York
Littejohn L. & Co. (Imp), 138 Front, New York
Marquardt H. & Co., 35 S William, New York
Maurer Ed. Co., 80 Maiden la, New York
Mecke & Co., 6 Hanover, New York
Mexican Crude Rubber Co., 168 Penobscot, Detroit, Mich.
Meyer & Brown, 347 Madison av, New York
Mitsui & Co. (Imp), 65 B'way, New York
Pell Geo. E. (Broker), 68 Broad, New York
Piza Nephews & Co. (Imp. & Exp.), 18 B'way, New York
Raw Products Co., 80 Wall, New York
Robinson & Co., 25 Beaver, New York
Rossbach J. H. & Bros. (Imp.), 55 Frankfort, New York
Rotholz A. N., 123 Liberty, New York
Rubber Trading Co., 9 Murray, New York
Russell W. R. & Co., 138 Front, New York
Steiger Trading Co. (Inc.), 49 Murray, New York
Stiles Wm. H. & Co., 1 Liberty, New York
Tallman Albert V. W. (Broker), 54 Stone, New York
United Malaysian Rubber Co., 2 Rector, New York
Wilson Chas. T. Co., 56 Wall, New York

12782— Rubber (Dental)

Ash Claudius Sons & Co., 1 Union sq, New York
Doherty Eugene (Est. of), 110 Kent av, Brooklyn, N. Y.
Kleinert I. B. Rubber Co., 725 B'way, New York
McCormick E. J. Rubber Co., Lodi, N. J.
Traun Rubber Co., 239 4th av, New York
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

12783— Rubber Goods

CALIFORNIA.

EMERYVILLE—American Rubber Mfg. Co.
LOS ANGELES—Dominion Asbestos & Rubber Corp.
See adv index at end of book
SAN FRANCISCO—American Rubber Mfg. Co. (Mechanical), 356 Market
Dominion Asbestos & Rubber Corp., 320 Market
See adv index at end of book
Goodyear Rubber Co. (Mechanical, Molded Oil Clothing, etc), 539 Mission
Pioneer Rubber Mills, 68 Sacramento

COLORADO.

DENVER—Gates Rubber Co. (Tires)

CONNECTICUT.

BEACON FALLS—Beacon Falls Rubber Shoe Co. (Footwear)
BRIDGEPORT—Canfield H. O. Co. (Molded)
See adv index at end of book
Electric Cable Co. (See New York City)
Siemon Hard Rubber Corp. (Insulating Specialties)
MIDDLETOWN—Goodyear Rubber Co. (See New York City)
Omo Mfg. Co. (Dress Shields)
Goodyear's Metallic Rubber Shoe Co. (Footwear), Controlled by United States Rubber Co. (See New York City)
NEW HAVEN—American Case Co. (Clinical Thermometer Cases & Fountain Pen Stock), 600H State
Baumann Rubber Co. (Toys, Balls, Druggists' Sundries, etc.)
Seamless Rubber Co. (Druggists' Sundries)
RIVERTON—Raley Rubber Co. (Nipples & Pacifier)
SANDY HOOK—Fabric Fire Hose Co. (See New York City)
SEYMOUR—Day H. P. & E. (Hard Rubber Specialties)
Kerite Insulated Wire & Cable Co. (See New York City)
STAMFORD—Atlantic Insulated Wire & Cable Co. (Insulated Wires)
WALLINGFORD—New York Insulated Wire Co. (See New York City)

DELAWARE.

WILMINGTON—Electric Hose & Rubber Co., 13th & Dure

ILLINOIS.

CHICAGO—**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Insulated Wire & Mfg. Co., 53 W Jackson blvd
Dominion Asbestos & Rubber Corp., 127 N Dearborn
See adv index at end of book
Featheredge Rubber Co., 414 W Grand av
Mechanical Rubber Co., 2639 W Grand av
Vail Rubber Co. (Mechanical Goods), 144 W 27th
SYCAMORE—Chicago Insulated Wire & Mfg. Co. Insulated Wires & Cables)

INDIANA.

ANDERSON—Anderson Rubber Works
ELKHART—Elkhart Rubber Works (Mechanical & Molded)
GOSHEN—Western Rubber Co. (Mechanical & Molded Goods, etc)
INDIANAPOLIS—G. & J. Tire Co. (Tires)
JONESBORO—**Indiana Rubbebr & Insulated Wire Co., P. O. Box 192 (Insulated Wires & Cables, Tires & Mechanical Goods)**
KOKOMO—Kokomo Rubber Co. (Tires)
MARION—Marion Insulated Wire & Rubber Mfrs. (Insulated Wires & Cables)
MISHAWAKA—Mishawaka Woolen Mfg. Co. (Boots & Shoes)

MARYLAND.

BALTIMORE—**DOMINION ASBESTOS & RUBBER CORP.**, 418 E Pratt
See adv index at end of book
Henderson Rubber Co., 102 Commerce

MASSACHUSETTS.

ACUSHNET—Acushnet Process Co.
ANDOVER—Tyer Rubber Co. (Druggists' & Stationers' Sundries, Sporting & Molded Goods)
ATHOL—Metropolitan Air Goods Co.
BOSTON—American Circular Loom Co. (Interior Conduits), 16 Medford
American Rubber Co. (Footwear & Clothing), 130 Essex (Controlled by U. S. Rubber Co.), 130 Essex
American Steam Packing Co. (Steam Packing), 165 High
Atlantic Rubber Co., Linden
Boston Belting Corp. (Mechanical, etc.), 84 Linden Park
Boston Rubber Shoe Co. (Footwear), 130 Essex (Controlled by U. S. Rubber Co.)
Clifton Mfg. Co. (Insulating Compounds, Tapes, Insulating Conduits & Clothing, etc), 65 Brookside av, Jamaica Plain
Columbia Rubber Co. (Waterproof Clothing), 301 Congress
Davidson Rubber Co. (Druggists' Sundries & Hard Rubber Goods)
Foster Rubber Co. (Heels & Soles, Horse Shoe Pads, Crutch Tips, Tires, etc), 105 Federal. Factory: Walpole, Mass.
Franklin Rubber Co. (Clothing), 134 Federal
Hale Alfred Rubber Co. (Diving Apparatus & Molded Work), 17 Covington, S. Boston
Hauthaway C. L. & Sons (Cements), 346 Congress
Hood Rubber Co. (Footwear), 10 High (See Watertown)
New England Blacking Co. (Cements), 24 Binford
New England Rubber Shoe Co. (Controlled by Hood Rubber Co.), 284 Summer
Revere Rubber Co. (Mechanical Goods & Tires, etc.), 60 High
Simplex Wire & Cable Co. (Insulated Wire & Cable)
United States Rubber Co. (Holding Company for American Rubber Co., and Other Companies), 284 Sumner
BROCKTON—Hazen-Brown Co. (Cements)
Stowe & Woodward Co. (Proofing of Cloth & Mechanical Goods)
CAMBRIDGE—American Rubber Co. (See Boston)
Boston Woven Hose & Rubber Co. (Mechanical Goods)
Simplex Wire & Cable Co. (See Boston)
CANTON JUNCTION—C-C-C Fire Hose & Rubber Co. (Rubber-Lined Cotton Fire Hose)
CHELSEA—Revere Rubber Co. (See Boston)
CHICOPEE—Spalding A. G. & Bros. Mfg. Co. (Golf Balls & Sporting Goods)
CHICOPEE FALLS—Fisk Rubber Co. (Tires)
EASTHAMPTON — Easthampton Rubber Thread Co. (Rubber Thread & Bands)
HUDSON—Apsley Rubber Co. (Clothing & Footwear)
HYDE PARK—Bay State Insulated Wire & Cable Co. (Insulated Wire & Cables)
LOWELL—Lowell Insulated Wire Co. (Rubber-Covered Wires & Lamp Cords)
Converse Rubber Shoe Co. (Footwear)
Franklin Rubber Co. (See Boston)
MILFORD—Archer Rubber Co. (Proofing for the Trade)
NORTH BROOKFIELD—Quabaug Rubber Co. (Molded Goods)
READING—McTernan Rubber Mfg. Co. (Druggists' Sundries & Molded Work)
Reading Rubber Mfg. Co. (See Boston)
SALEM—Salem Rubber Co. (Cements),
STOUGHTON — Stoughton Rubber Co. (Clothing & Molded Goods) (Controlled by Rubber Goods Mfg. Co.)
WATERTOWN—Hood Rubber Co. (Footwear)
WEST MEDFORD—Mystic Rubber Corp. (Dress Shields, Sheetings, etc)
WORCESTER—**AMERICAN STEEL & WIRE CO.** (Insulated Wires)
See adv index at end of book

MICHIGAN.

DETROIT—Dominion Asbestos & Rubber Corp. Farwell bldg.
See adv index at end of book
MUSKEGON—Curtis Tire & Rubber Co. (Moulded, Tires & Tubes)

MISSOURI.

ST. LOUIS—Banner Rubber Co. (Footwear), Kenrick & Bittner
Dominion Asbestos & Rubber Corp.
See adv index at end of book
St. Louis Rubber Cement Co. (Cements), 3046 Lambdin av

NEW JERSEY.

BAYONNE—Safety Insulated Wire & Cable Co. (See New York City)
BLOOMFIELD—Combination Rubber Mfg. Co. (Mechanical)
BUTLER—American Hard Rubber Co. (See New York City)
Bloomingdale Rubber Co.
EAST ORANGE—Seabury & Johnson (See New York City)
ELIZABETH—Jenkins Rubber Co.
GARFIELD—Laurel Co. (Stationers' Sundries)
HAWTHORNE—La Favorite Rubber Mfg. Co.
HOBOKEN—American Lead Pencil Co. (See New York City)
IRVINGTON—Ash Claudius Sons & Co. (Ltd.) (See New York City)
JERSEY CITY—Eureka Fire Hose Mfg. Co., Wilkinson av (See New York City)
New Jersey Car Spring & Rubber Co. (Mechanical, etc), 91 Brunswick
Voorhees Rubber Mfg. Co. (Mechanical), 18 Bostwick av
LAMBERTVILLE—Lambertville Rubber Co. (Boots & Shoes)
LODI—Mattson Rubber Co. (Tire Repair Stock, Moulded & Special)
McCormick E. J. Rubber Co. (Dental)
MILLTOWN—Michelin Tire Co. (Tires)
NEWARK—Faber A. W. Rubber Works, 41 Dickerson. (See New York City)
Faber Eberhard Rubber Co. (See New York City)
NEW BRUNSWICK — Howe Rubber Co. (Inner Tubes)
India Rubber Co. (Hard)
NEW DURHAM—Peerless Rubber Mfg. Co. (Controlled by Rubber Goods Co., New York City)
PASSAIC—Manhattan Rubber Mfg. Co. (Mechanical)
Okonite Co. (Insulate Wires & Cables, N. Y. C. & Passaic, N. J.)
TRENTON—Acme Rubber Mfg. Co. (Mechanical)
Ajax Rubber Co.
Crescent Insulated Wire & Cable Co. (Insulated Wire)
Empire Tire & Rubber Corp. (Mechanical & Auto Tires)
Essex Rubber Co. (Specialties for the Shoe Trade)
Hamilton Rubber Mfg. Co. (Mechanical)
Home Rubber Co. (Mechanical)
Luzerne Rubber Co. (Hard Rubber)
United & Globe Rubber Co. (Mechanical)
Whitehead Bros. Rubber Co. (Mechanical & Moulded)
Woven Steel Hose & Rubber Co. (Mechanical)

NEW YORK.

BATAVIA—Batavia Rubber Co. (Tires & Moulded Goods)
BEACON—New York Rubber Co. (See New York City)
BUFFALO—Buffalo Weaving & Belting Co. (Rubber Belting & Webbings)
Hewitt Rubber Co. (Mechanical Goods & Hose Specialties)
Metric Packing Co., 244 Kensington av
See adv index at end of book
LOCKPORT—Empire Mfg. Co. (Rubber-Lined Cotton Hose & Belting)
MT. VERNON—Hodgman Rubber Co. (See New York City)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Shield & Rubber Co., 397 Summer av (See Brooklyn Rubber Co.)
Doherty Eugene (Est. of) (Dental & Stamp Rubber), 110 Kent av
Faber Eberhard Rubber Co. (Erasers & Stationers' Rubber Goods), 37 Greenpoint
Gutta Percha & Rubber Mfg. Co., 53 Franklin av
Parker Stearns & Co. (Molded Rubber Goods), 286 Sheffield av

Boroughs of Manhattan and Bronx.

NEW YORK—Ajax Rubber Co. (Tires, Soles & Heels), 220 W 57th. Factory, Trenton, N. J.
American Hard Rubber Co. (Hard Rubber Goods), 9 Mercer. Factories, College Point, Borough of Queens, New York; Butler, N. J.; Akron, O.
American Lead Pencil Co. (Rubber Erasers & Bands), 220 5th av. Factory, Hoboken, N. J.
American Wringer Co. (Rubber Rolls), 99 Chambers. Factory: Auburn, N. Y.
Ash Claudius Sons & Co. (Dental Rubber), 1 Union sq. Factory: Irvington, N. J.
Consolidated Rubber Tire Co. (Tires), 200 W 57th
DOMINION ASBESTOS & RUBBER CORP., 67 Murray
See adv index at end of book
Eagle Pencil Co. (Erasers Only), 703 E 13th
Eureka Fire Hose Mfg. Co. (Rubber-Lined Fire Hose), 27 Barclay, Factory: Jersey City, N. J.
Fabric Fire Hose Co. (Fire Hose), 127 Duane. Factory, Sandy Hook, Conn. (Controlled by Rubber Goods Mfg. Co., New York City)
Gillette Rubber Co. (Tires & Tubes), 1834 B'way
Good Mfg. Co. ("Good"), 305 E 134th
Goodyear Rubber Co. & Rubber Clothing Co. (Footwear) 787 B'way. Factory: Middletown, Conn.

Gutta Percha & Rubber Mfg. Co. (Mechanical), 126 Duane. Factory: Brooklyn, N. Y.
Habirshaw Elec. Cable Co. (Insulated Wires), 10 E 43d. Factory: Yonkers, N. Y
Hodgman Rubber Co. (Mackintoshes, Rubber Clothing, Druggists' & Stationers' Sundries & Air Goods), 8 W 40th. Factories: Tuckahoe, N. Y., & Mt. Vernon, N. Y.
International Rubber Co. (Tiling, Sheeting, etc.), 120 B'way
Jenkins Rubber Co. (Mechanical Packings, Valves, etc.), 80 White. Factory: Elizabeth, N. J., Jenkins Bros. Propts.
Kerite Insulated Wire & Cable Co. (Insulated Wires & Cables), 30 Church. Factory: Seymour, Conn.
Kleinert I. B. Rubber Co. (Dental Rubber & Dress Shields), 725 B'way. Factory: College Point, Borough of Queens, New York City
Mechanical Rubber Co. (Mechanical), 73 Reade. (Controlled by Rubber Goods Mfg. Co., New York City)
New York Belting & Packing Co. (Mechanical, Mattings, etc), 91 Chambers. Factories: Passaic, N. J. (Controlled by Rubber Goods Mfg. Co., New York City)
New York Gas Tubing Co. (Gas Tubings), 95 Bank
New York Insulated Wire Co. (Insulated Wires & Hard Rubber, Insulating Tapes, Gasket Packing, etc), 84 State, Boston, Mass. Factory: Wallingford, Conn.
New York Rubber Co. (Mechanical Rubber Goods), Reade & Church
Okonite Co. (Insulated Wires & Cables), 501 Fifth av. Factory: Passaic, N. J.
Peerless Rubber Mfg. Co., 59 Reade
Rubber Goods Mfg. Co. (Mechanical, Tires, etc), B'way & 58th
Safety Insulated Wire & Cable Co. (Insulated Wires & Cables), 114 Liberty. Factory: Bayonne, N. J.
Seabury & Johnson (Rubber Plasters), 59 Maiden Lane. Factory: East Orange, N. J.
Soltau Robt. & Co. (Gutta Percha Tissue), 75 John
Traun Rubber Co. (Dental & Druggists' Sundries, Stamp Rubber, etc), 335 B'way. Factory: College Point, Borough of Queens, New York City
United States Rubber Co. (Footwear, Clothing, Druggists' Sundries, Insulated Wires, etc), 58th & B'way.
Vulcanized Rubber Co. (Hard Rubber Goods), 251 4th av. Factory: Morrisville, Pa.
Western Electric Co. (Hard Rubber, Electrical Specialties & Insulated Wires), 463 West
Whitall Tatum Co. (Druggists), 48 Barclay

Borough of Queens.

COLLEGE POINT—Traun Rubber Co. (See New York City)
LONG ISLAND CITY—Rubber Stopple Co. (Small Molded Goods), West av

Borough of Richmond.

PRINCES BAY—White S. S. Dental Mfg. Co. (See Phila., Pa.)

(End of New York City)

PALMYRA—Crandall Packing Co. (Packings, etc)
Dealers Steam Packing Co. (Packings)
Garlock Packing Co.
TUCKAHOE—Hodgman Rubber Co. (See New York City)
YONKERS—Habirshaw Electric Cable Co. (See New York City)

OHIO.

AKRON—Akron Fountain Pen Co. (Fountain Pens)
Amazon Rubber Co.
American Hard Rubber Co. (See New York City)
American Tire & Rubber Co.
Firestone Tire & Rubber Co. (Tires)
General Tire & Rubber Co.
Goodrich B. F. Co. (Mechanical Rubber Goods, Tires, Stationers' & Druggists' Sundries, etc)
Goodyear Tire & Rubber Co. (Mechanical Goods, Tires, Druggists' Sundries, etc)
Gregory Rubber Co.
India Rubber Co., Mogadore
Lincoln Rubber Co.
Lyon Rubber Co. (Gloves & Other Dipped Goods)
Miller Rubber Co. (Tires, Druggists' Sundries, Toys, Physicians' & Hospital Supplies, etc)
Mohawk Rubber Co. (Tires & Tubes)
Motz Clincher Tire & Rubber Co. (Tires)
M. & M. Mfg. Co.
O'Neil Tire & Rubber Co.
Pike Rubber Co (Rubber Specialties)
Pioneer Rubber Specialty Co.
Pioneer Rubber Specialty Co. (Gloves, etc), Akron, O.
Star Rubber Co. (Seamless Druggists' Sundries)
Swinehart Tire & Rubber Co. (Carriage Tires)
ASHLAND—Faultless Rubber Co. (Druggists' Surgical Sundries, Molded Goods, etc)
BARBERTON—Rubber Products Co. (Mechanical & Druggists' Sundries)
BEDFORD—Owen Tire Rubber Co. (Tires, etc.)
CANTON—Canton Rubber Co. (Seamless Goods & Druggists' Sundries)
Wilson Rubber Co. (Druggists' Sundries & Gloves)
CARROLLTON—L. & M. Rubber Co.
CINCINNATI—Cincinnati Rubber Mfg. Co. (Mechanical)
Dominion Asbestos & Rubber Corp., Neave bldg
See adv index at end of book
CLEVELAND—Aetna Rubber Co. (Gloves), 815 E 79th
Chemical Rubber Co. (Laboratory Supplies), W 112th
Ideal Tire & Rubber Co., Warner rd
Ohio Rubber Co. (Mechanical & Molded), 725 St. Clair
COLUMBIA—Columbia Tire & Rubber Co.
CUYAHOGA FALLS—Eclat Rubber Co. (Mechanical Rubber Tubing, Windshield Strips, Baby Carriage Tires, Radiator Hose)
Falls Rubber Co. (Tires)
Marathon Tire & Rubber Co. (Tires, etc)
EAST PALESTINE—McGraw Tire & Rubber Co. (Tires, etc)
ELYRIA—I. T. S. Rubber Co.
MANSFIELD—Columbia Tire & Rubber Co.
Mansfield Tire & Rubber Co. (Tires, Tubes, etc)
MARION—Marion Tire & Rubber Co.
MASSILLON—Realty Rubber Co. (Seamless Rubber Goods)
RAVENNA—Rayon Rubber Co. (Novelties)
SALEM—Porter Rubber Co.
SPRINGFIELD—Victor Rubber Co. (Mechanical, Tires, etc)
WARREN—Packard Electric Co. ("Packard." Cable)
WILLOUGHBY—Standard Tire & Rubber Mfg. Co. (Mechanical & Molded Goods)
YOUNGSTOWN—Republic Rubber Co. (Mechanical, Tires, etc)

PENNSYLVANIA.

BLOOMSBURG—Wirt Paul E. (Fountain Pens)
CONSHOHOCKEN—Lee Tire & Rubber Co. (Tires, etc)
ERIE—Continental Rubber Works (Mechanical, Tires, etc)
Keystone Rubber Mfg. Co.
Vulcan Rubber Co. (Tires, Tubes, etc)
JEANNETTE—Pennsylvania Rubber Co. (Mechanical, Tires, etc)
PHILADELPHIA—DOMINION ASBESTOS & RUBBER CORP, 110 Walnut. *See adv index at end of book*
Goodall Rubber Co. (Mechanical), 11th & Arch
Montgomery Bros. (Cements), 45 S 2d
Mulconroy Co. (Mechanical Goods, etc), 54th & Jefferson
Phila. Insulated Wire Co. (Insulated Wire), 200 N 3rd
Quaker City Rubber Co. (Mechanical), 629 Market
White S. S. Dental Mfg. Co. (Dental Supplies), 211 S 12th. Factory: Princess Bay, Bor. of Richmond, New York City
Whitall Tatum Co. (Druggists), 410 Race
WILLIAMSPORT—Lycoming Rubber Co.

RHODE ISLAND.

BRISTOL—National India Rubber Co. (Insulated Wires, Footwear, Mechanical Goods, Druggists' Sundries, Carriage Cloth), Controlled by U. S. Rubber Co.
PAWTUCKET—Collyer Insulated Wire Co. (Insulated Wires & Cables)
PHILLIPSDALE — American Electrical Works (Insulated Wires)
PROVIDENCE—Bourn Rubber Co. (Insulated Wires, Footwear, etc), 58 Warren
Davol Rubber Co. (Druggists' Sundries), 69 Point
Mechanical Fabric Co. (Rubber Thread & Card Clothing), 40 Sprague
WEST BARRINGTON—International Rubber Co. (See New York City)
WOONSOCKET—American Wringer Co. (See New York City)
Woonsocket Rubber Co. (Footwear), (Controlled by U. S. Rubber Co.) (See New York City)

WASHINGTON.

SEATTLE—DOMINION ASBESTOS & RUBBER CORP.
See adv index at end of book
SPOKANE—Interstate Rubber Co. (Molded Goods, Valves, Gaskets, etc)

WISCONSIN.

CUDAHY—Federal Rubber Co., The (Tires Mechanical Goods, etc)
EAU CLAIRE—Gillette Rubber Co., Dept. H
LA CROSSE—La Crosse Rubber Mills Co. (Mackintoshes, Rubber Clothing, Footwear & Molded Goods)
MILWAUKEE—Fisher Specialty Co. (Jobbers), 326 Ogden av
Petley Rubber Co. (Mechanical Goods), 247 Oregon
RACINE—Chicago Rubber Clothing Co. (Mackintoshes, Rubber Clothing)
Racine Rubber Co.

12784—Rubber Goods (Druggists' & Surgical)

Ajax Rubber Co., 220 W 57th, New York
American Case Co. (Clinical Thermometer Cases), 600H State, New Haven, Conn.
American Hard Rubber Co., 9 Mercer, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Baumann Rubber Co., New Haven, Conn.
Canton Rubber Co. (Seamless Rubber Goods), Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Lincoln Rubber Co., Akron, O.
Luzerne Rubber Co., Trenton, N. J.
McTernen Rubber Mfg. Co., Reading, Mass.
Miller Rubber Co., Akron, O.
Myers Mfg. Co. ("Costa"), Fremont, O.
National India Rubber Co. (Drugists' Sundries), Bristol, R. I.
Parker Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Rubber Stopple Co., West av, Long Island City, N. Y.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. (Seamless), Akron, O.
Tyer Rubber Co., Andover, Mass.
Vant Woud Rubber Co., 168 39th, Brooklyn, N. Y.
Whitall Tatum Co., 48 Barclay, New York

Rubber Goods (Hard)

See Rubber, Hard

12785—Rubber Goods (Mechanical)

See Index of Contents for all Other Rubber Specialties

Acme Rubber Mfg. Co., Trenton, N. J.
American Case Co. (Clinical Thermometer Cases & Fountain Pen Stock), 600H State, New Haven, Conn.
Amer. Rubber Mfg. Co., 356H Market, San Francisco, Cal.
Anderson Rubber Works, Anderson Ind.
Atlantic Rubber Co., Boston, Mass.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boonton Rubber Co. Boonton N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Brown Wm. H. H. Co., Buffalo, N. Y.
Buckley J. W. Rubber Co., 69 Warren, New York
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Canfield H. O. Co., Bridgeport, Conn.
Central Ruber Co., 154 N 7th, Phila., Pa.
Cincinnati Rubber Mfg. Co. ("Old Crow" Fuller Balls), Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Davidson Rubber Co. (Hard & Soft, Drug, Dental, Surgical & Hospital), Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Eclat Rubber Co. ("Ekla"), Cuyahoga Falls, O.
Ehman Tire & Rubber Co., 176 N Michigan av, Chicago, Ill.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Hudson Mechanical Rubber Co., 50 Church, New York
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Keystone Rubber Mfg. Co., Erie, Pa.
Laurel Co., Garfield, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., 73 Reade, New York
Miller Rubber Co., Akron, O.
Mulconroy Co., 54th & Jefferson, Phila., Pa.

RUBBER GOODS (MECHANICAL—cont.
Norwalk Mfg. Co., E. Norwalk, Conn.
National India Rubber Co., Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Ohio Rubber Co., 725 St. Clair, Cleveland, Ohio
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Ruber Mfg. Co., 247 Oregon, Milwauke, Wis.
Portland Rubber Mills, 368 E 9th, S Portland, Ore.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rubber Products Co., Barberton, O.
Rubber Stopple Co., West av, Long Island City, N. Y
Schacht Rubber Mfg. Co., Huntington, Ind.
Scott, Sugden & Lamon (Water, Air, Steam, Hose, Packing), Monadnock bldg, San Francisco, Cal.
Sehnerts Inc. ("Caddo Special"), Shreveport, La.
Southern Rubber & Belting Co., Houston, Tex.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co., Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Wolverine Brass Works, Grand Rapids, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

12786—Rubber Goods (Moulded)

Acme Rubber Mfg. Co., Trenton, N. J.
Ajax Rubber Co., 220 W 57th, New York
Anderson Rubber Works, Anderson, Ind.
Atlantic Rubber Co., Linden, Boston, Mass.
Batavia Rubber Co., Batavia, N. Y.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Canfield Rubber Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Continental Rubber Works, Erie, Pa.
Curtis Tire & Rubber Co. (Hard & Soft), Muskegon, Mich.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Federal Rubber Co., The (Soft), Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hodgman Rubber Co., 8 W 40th, New York
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Laurel Co., Garfield, N. J.
McTernen Rubber Mfg. Co., Reading, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mercer Rubber Co., Hamilton Sq., N. J.
Miller Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Plymouth Rubber Co., Canton, Mass.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Rubber Stopple Co., West av, Long Island City, N. Y.
Schacht Rubber Mfg. Co., Huntington, Ind.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.
U. S. Rubber Co., 1790 Broadway, New York
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book
Western Rubber Co., Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

12787— Rubber (Hard)

American Case Co. (Clinical Thermometer Cases & Fountain Pen Stock), 600H State, New Haven, Conn.
American Hard Rubber Co., 9 Mercer, New York
Boonton Rubber Mfg. Co., Boonton, N. J.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Davidson Rubber Co. (Drug, Dental & Surgical, etc), Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Day H. P. & E., Seymour, Conn.
Diamond Rubber Co., Akron, Ohio
Elkhart Rubber Works, Elkhart, Ind.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (Pacific Coast Agents for American Hard Rubber Co.), 539 Mission, San Francisco, Cal.
See adv index at end of book
Home Rubber Co., Trenton, N. J.
India Rubber Co., New Brunswick, N. J.
Luzerne Rubber Co., Trenton, N. J.
Siemon Hard Rubber Corp. (Electrical), Bridgeport, Conn.
Stokes Jos. Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.
Vulcanized Rubber Co., 251 4th av, New York
Waterbury Button Corporation, 831 South Main, Waterbury, Conn.
See adv index at end of book

12788—Rubber Horse Shoe Pads

Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works (Leather Back & Canvas Back), Erie, Pa.
Dryden Rubber Co., 1014 S Kildare av, Chicago, Ill.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Firestone Tire & Rubber Co. ("Lily," "Jewel," "Windsor," "Russell," "Eagle," "Belmont," "Firestone," "Winter"), Akron, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Judsen Carl A. ("Judsen," Canvas & Leather Bark), 214 W Erie, Chicago, Ill.
Killion Rubber Co., 26 Clayton, Boston, Mass.
Laurel Co., Garfield, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Plymouth Rubber Co., Canton, Mass.
Revere Rubber Co. ("Calk," "Samson," "Ajax," "New Globe"), Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Sterling Tire Corp. ("Sterling"), Rutherford, N. J.
Western Rubber Co., Goshen, Ind.

12789—Rubber Ice Bags & Caps

Baumann Rubber Co., New Haven, Conn
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron ,O.
Miller Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn
Tyer Rubber Co., Andover, Mass.

12789a—*Rubber Laboratory Sets

VAUGHN MACHINERY CO., Cuyahoga Falls, Ohio *See adv index at end of book*

12790— Rubber (Mineral)

American Wax Co. ("Amax"), **10 High,** Boston, Mass.
Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila., Pa.
Canfield Co. ("Elateron"), 3210 E 55th, Cleveland, O.
Standard Asphalt & Rubber Co., ("Sarco"), 208 S La Salle, Chicago, Ill.
Vanderbilt R. T. Co., 50 E 42nd, New York

12791—Rubber Packers & Rings

Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co. (For Oil & Gas Wells), Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.

Rubber Packing

See Packing Manufacturers

12792— Rubber (Reclaimed)

American Rubber Reclaiming Co. ("Mercer" Brand), 406 E Rittenhouse, Phila., Pa.
Appleton F. H. Son, 185 Summer, Boston, Mass.
Askam Rubber Co., Milford, Conn.
Bloomingdale Rubber Co., 501 5th av, New York. Works: Butler, N. J.
Boonton Rubber Co. (For Hard Rubber Compounds), Boonton, N. J.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Clapp E. H. Rubber Co., 49 Federal, Boston, Mass.
Corona Rubber Mfg. Co., 400 E Rittenhouse, Philadelphia, Pa.
Danversport Rubber Co., Danversport, Mass.
Electric Rubber Reclaiming Co., Barbertown, Ohio
Housatonic Rubber Works, Bridgeport, Conn.
Manufactured Rubber Co. ("Lafayette," "Wm. Penn," "Star"), **Franklin Bank bldg, Phila., Pa. Works: Metuchen, N. J.**
Monatiquot Rubber Works Co. ("Monatiquot," "Squantum"), S Braintree, Mass.
Nearpara Rubber Co. ("Hudson," "Potomac," "Potomac A," "Merrimac," "Delaware," "St. Lawrence"), Trenton, N. J.
New Jersey Rubber Co., Lambertville, N. J.
Northwestern Rubber Co., Trenton, N. J.
Pequanoc Rubber Co., Butler, N. J.
Philadelphia Rubber Works, Land Title bldg, Phila., Pa.
Phoenix Rubber Co., Akron, O.
Portage Tire & Rubber Co., Dept. H, Akron, Ohio
Raymond Rubber Co., Titusville, N. J.
Rubber Regenerating Co., Mishawaka, Ind.
Somerset Rubber Reclaiming Works, New Brunswick, N. J.
Stockton Rubber Co., Stockton, N. J.
U. S. Rubber Co. (Reclaiming Plant), Naugatuck, Conn.
U. S. Rubber Reclaiming Co. ("Buffalo," "Genesee," "Hudson," "Iroquois," "Mohawk," "Superior," "Tioga," "White Buffalo," "Arrowhead," Matchless," "Seneca," "Insula," "Victoria," "Niagara"), 30 E 42d, New York

12793—Rubber Rods & Sheets

Anderson Rubber Works (Sheets Only), Anderson, Ind.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
India Rubber Co., New Brunswick, N. J.
Stokes Joseph Rubber Co., Trenton, N. J.
Vulcanized Rubber Co. (Hand), 251 4th av, New York
Whitehead Bros. Rubber Co. (Pure Sheet Only), Trenton, N. J.

12794— Rubber Saw Bands

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Huther Bros Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.

Rubber Scrap

See Scrap Rubber

12795—Rubber Stamp Makers' Supplies

Dorman J. F. W. Co., 526 N Calvert, Baltimore, Md.
Superior Type Co., 3940 Ravenswood av, Chicago, Ill.
Smith R. M. Mfg. Co., Springfield, Mass.

12796— Rubber Substitutes

Ashley, T. C. & Co. (White), Atlantic
Cantor Joseph, 54 Stone, New York
Carter-Bell Mfg. Co. (Black & White), 150 Nassau, New York
Corn Products Refining Co. ("Paragol" Black), 17 Battery pl, New York
Essenkay Products Co., Superior & Franklin, Chicago, O.
Mitchell-Rand Mfg. Co., 18 Vesey, New York
National Co., 80 E Jackson, Chicago, Ill.
Peerless Tire Fill Co., 7117 N Clark, Chicago, Ill.
Pierce Co. ("Vorite"), East Rochester, N. Y.
SCHEEL WM. H. (Imported), 159 Maiden la, New York
See adv index at end of book
Smith Alfred, Ltd., 98 Park pl., New York
Spirittine Chemical Co. ("Spirittine"), Wilmington, N. C.
Stamford Rubber Supply Co. ("Stamford"), Stamford, Conn.
Standard Asphalt & Rubber Co., 208 S La Salle, Chicago, Ill.
Sterling Mfg. Co., Gloucester, Mass.
Synthetic Products Co. (Liquid), Engineers bldg., Cleveland, Ohio
T. M. & B. Chemical Co., 500 1st, South Boston, Mass.
Tyson Bros. Co., Woodbridge, N. J.
Uhlich Paul & Co. (Imp.), 11 Cliff, New York
Viscol Co., Cambridge, Mass.

12797—Rubber Suits (Pneumatic Pressure)

Goodrich B. F. Co. ("Dr. George W. Grile Patent"), Akron, O.

12797a—Rubber Tire Trucks (Storage Battery)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Lakewood Engineering Co., Cleveland, O.

Rubber Window Cleaners

See Cleaners, Window

12798— Rubbers (Fruit Jar)

Ball Bros. Glass Mfg. Company ("Ball Perfect Seal"), Muncie, Ind.
Boston Woven Hose & Rubber Co. ("Good Luck," also Special Rings for All Styles of Jars), Cambridge, Mass.
Empire Tire & Rubber Corp. ("Tulip"), Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co., Hamilton Sq., N. J.
Rubber Products Co., Barberton, O.
U. S. Rubber Co., 1790 Broadway, New York

12799—Rubbers (Sling Shot)

Davol Rubber Co., 69 Point, Providence, R. I.

12800—Rubbing Beds (Stone, Slate, Etc.)

Birmingham Iron Foundry (For Marble, Stone, Slate, Brick & Terra Cotta), Derby, Conn.
Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.
Fuller-Lehigh Co., Fullerton, Pa.
Glover Machine Works (For Marble), Marietta, Ga.
Lincoln Iron Works, Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Oliver Wm. J. Mfg. Co. (For Marble), Knoxville, Tenn.
Patch F. R. Mfg. Co., Rutland, Vt.

12800a—*Rudders (Brass & Galvanized Steel)

KOVEN L. O. & BRO., 154 Ogden, Jersey City, N. J.
See adv index at end of book
McNab Co. ("Kitchen" Reversing), Bridgeport, Conn.

12801—Rudders (Galvanized Iron)

Wilcox, Crittenden & Co., Inc. ("Brass"), Middletown, Conn.
See adv index at end of book

12802— Rugs (Automobile)

Curtis & Von Bernuth Mfg. Co., 88 W B'way, New York
White Elmer S. & Co., Heed bldg, Phila., Pa.
Wild Joseph & Co., 366 5th av, New York
Woodworth Mfg. Co. ("Woodworth"), Starr av, Binghamton, N. Y.

12803— Rugs (Congoleum)

Congoleum Co., Dept. of the Barrett Co., 14 E Jackson, Chicago, Ill.
United Roofing & Mfg. Co., 1305 Morris bldg, Phila., Pa.

12804— Rugs (Steamer)

Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
Riley Wm. B. & Co., 238 Chestnut, Phila. Pa.

12805—Rule (Perforating, Cutting & Creasing)

Helmold J. F. & Bro. (Steel, "Eureka," "Hercules"), 1462 Hamburg, Chicago, Ill.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12805a—Rulers (Advertising, Wood)

See also Advertising Novelties

BOGERT & HOPPER INC., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Master Rule Mfg. Co. Inc., 841 E 136th, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Up-to-Date Advertising Co. ("Kanisteo"), Canisteo, N. Y.
See adv index at end of book

12806—Rulers (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York

12807—Rulers (School & Desk)

American Mfg. Concern, Falconer, N. Y.
Bliss Mfg. Co., Bliss, N. Y.
Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Kimpton Ed. Co, 60 John, New York
Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.
Lufkin Rule Co., Saginaw, Mich.
Up-to-Date Advertising Co. ("Kanisteo"), Canisteo, N. Y.
Westcott-Jewell Co., "Arrow Brand" & "Feather Weight Flexible," Plain or Folding), Seneca Falls, N. Y.

12808— Rules

Under this Heading See Sub-Classifications
Athol Mach. & Foundry Co. ("Standard" Steel), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. ("Pearce" Box Wood, Ivory, Combination, Slope Level, Try Square & Miscellaneous, etc), Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.
Goodell-Pratt Co. (Steel), Greenfield, Mass.
Irving Mfg. & Tool Co. ("Axiom"), 157 Chambers, New York
Johnson E. P. Rule Mfg. Co., 565 Wash. blvd, Chicago, Ill.
Kerby & Bro., 51 Fulton, New York
Keuffel & Esser Co., Hoboken, N. J.
LUFKIN RULE CO., Saginaw, Mich.
MASTER RULE MFG. CO. INC. ("Interlox" Master Slide Rule), 841 E 136th, New York
Rustless Rule Co. Inc. ("Rustless" Aluminum), Lafayette & Niagara, Buffalo, N. Y.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Somers James M. Co. (Brass), Bridgeport, Conn.
Stanley Rule & Level Plant ("Victor," Boxwood, "Ziz Zag," "Stanley," Ivory), New Britain, Conn.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Upson Nut Co. (Boxwood), Cleveland, O.

12809— Rules (Aluminum)

Aluminum Goods Mfg. Co. (Pocket, etc), Manitowoc, Wis.
RUSTLESS RULE CO. INC. ("Rustless" Aluminum), Lafayette & Niagara, Buffalo, N. Y.

12810— Rules (Blacksmiths')

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

12811— Rules (Caliper)

See Also Calipers

Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. (Boxwood), Pine Meadow, Conn.
Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co., 841 E 136th, New York
Stanley Rule & Level Co. (Boxwood, Ivory, etc.), New Britain, Conn.
STARRETT L. S. CO. (THE) (Slide, etc), Athol, Mass.
See adv index at end of book
Upson Nut Co. (Ivory & Boxwood), Cleveland, O.

12812— Rules (Desk)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Up-to-Date Advertising Co. ("Kanisteo," "Boxwoodene"), Canisteo, N. Y.

12813— Rules (Extension)

Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co., Inc., 841 E 136th, New York
Stanley Rule & Level Plant, New Britain, Conn.
Upson Nut Co. (Zig Zag, etc.), Cleveland, O.

12814— Rules (Folding)

American Rule Mfg. Co., Inc., 127 Humboldt, Brooklyn, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co. (Flexible Wood; Spring Joint), Saginaw, Mich.
Master Rule Mfg. Co. Inc. ("Master"), 841 E 136th, New York
Rustless Rule Co. Inc. ("Rustless" Aluminum), Lafayette & Niagara, Buffalo, N. Y.
Strauss Adolph & Co. ("Lion"), 1140 Broadway, New York

12815—Rules (Folding Boxwood)

Lufkin Rule Co., Saginaw, Mich.

12816—Rules (Glass Cutters')

Kerby & Bro., 51 Fulton, New York
Lufkin Rule Co., Saginaw, Mich.

12817— Rules (Key Seat)

Brown & Sharpe Mfg. Co., Providence, R. I.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12818—Rules (Lumberman's)

American Rule Mfg. Co. (Second-Growth White Hickory), 12 Humboldt, Brooklyn, N. Y.
Chapin-Stephens Co. (Log Sticks, etc), Pine Meadow, Conn.
Cleveland Rule Co., 2190 W 59th, Cleveland, O.
Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co. Inc. (Sliding & Folding Only), 841 E 136th, New York
Ransome Concrete Machinery Co. (Hickory), Dunellen, N. J.
Smith & Phillips Mfg. Co. ("Ideal" Hickory Stick Steel Head), 1008 W Madison, Chicago, Ill.
Upson Nut Co., Cleveland, O.

12819—Rules (Machine, Divided Steel)

Lufkin Rule Co., Saginaw, Mich.

.2820— Rules (Machinists')

Athol Mach. & Foundry Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Henry & Sons, Tacony, Phila., Pa.
Johnson E. P. Rule Mfg. Co., 565 Washington blvd., Chicago, Ill.
Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co. Inc., 841 E 136th, New York
Rustless Rule Co. Inc. ("Rustless" Aluminum), Lafayette & Niagara, Buffalo, N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Southington Hdwe. Co., Southington, Conn.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12821— Rules (Plumb)

Worden L. B., Penn Yan, N. Y.

12822— Rules (Pocket)

Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co. Inc., 841 E 136th New York
STARRETT L. S. CO. (THE), (Steel Folding), Athol, Mass.
See adv index at end of book

12823—Rules (Printers' Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co., Baltimore, Md.
Bullock Mfg. Associates (& Steel), Springfield, Mass.

12823a—Rules (Printers' Make-Up)

Bullock Mfg. Associates, Springfield, Mass.
Eagle Engineering Co. ("Star"), Springfield, O.
Zimmer Mfg. Co., 59 Beekman, New York

12824—Rules (Scale & Shrinkage)

Brown & Sharpe Mfg. Co., Providence, R. I.
Kueffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Stanley Rule & Level Plant, New Britain, Conn.
STARRETT L. S. CO (THE), (Shrinkage Only), Athol, Mass.
See adv index at end of book

12825— Rules (Slide)

Computer Mfg. Co., 268 Market, San Francisco, Cal.
Gilson Slide Rule Co., Niles, Mich.
Keuffel & Esser Co., Hoboken, N. J.
Master Rule Mfg. Co. Inc., 841 E 136th St. New York
Richardson Geo. W. ("Richardson" Direct Reading, "Winslow" Strength Computing), 4212 W 24th pl, Chicago, Ill.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Tomlinson Henry W. ("Winslow" Strength Computing), 64 E Van Buren, Chicago, Ill.

12826— Rules (Steel)

Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Henry & Sons, Tacony, Phila., Pa.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Nicholls Mfg. Co. (Framing), Ottumwa, Ia.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Union Tool Co., Orange, Mass.
Wellman Products Co. (Steel Shrink Rules), 1444 E 49th, Cleveland, O.

12827—Rules (Steel, Metric)

Brown & Sharpe Mfg. Co., Providence, R. I.

RULES (STEEL, METRIC)—continued
Goodell-Pratt Co., Greenfield, Mass.
Lufkin Rule Co., Saginaw, Mich.
Master Rule Mfg. Co., Inc., 841 E. 136th, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12828— Rules (Tinners')

Lufkin Rule Co., Saginaw, Mich.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Rustless Rule Co. Inc. ("Rustless" Aluminum), Lafayette & Niagara, Buffalo, N. Y.

12829— Rungs (Ladder)

Estes E. B. & Sons (Also Chair), 364 5th av, New York
See adv index at end of book
Merrill Bros. (Steel), 3 Arnold, Maspeth (Boro of Queens), N. Y.
See adv index at end of book
Minton T. W. & Son, Barbourville, Ky.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Rugg Mfg. Co. (White Ash), Greenfield, Mass.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stolz Jos. & Son, Inc., 841 E 136th, New York

12830— Runners (Joint)

Johns-Manville Inc. (Lead), Madison av & 41st, New York
Vanderman Mfg. Co. ("Asbestos Lead"), Willimantic, Conn.
Walworth Mfg. Co., Boston, Mass.
Wilkins Geo. H. ("Wilkins" Lead), 180 N Market, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

12831— Runners (Sled)

Barber Mfg. Co., Ashtabula, O

12832—Running Boards (Automobile)

Bossert Corp. (The), cor. Linden & West av, Utica, N. Y.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, E Detroit, Mich.
Douglas & Lomason Co., 5836 Lincoln av, Detroit, Mich.
Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
ERDLE PERFORATING CO. (Pressed Steel for Autos, Trucks, etc.), 171 York, Rochester, N. Y.
See adv index at end of book
Flat Metal Mfg. Co., 223 W Huron, Chicago, Ill.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, Ohio
Michigan Stamping Co. (Mack & Outer Belt Line), Detroit, Mich.
Pettis W. W. Co., 416 First Natl. Bank bldg, Cincinnati, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Rochester Pressed Steel Co., Rochester, N. Y.
Western Steel Car & Foundry Co., 122 S Michigan av, Chicago, Ill.

12833— Runs (Ice)

Gifford-Wood Co. (Wood or Iron) Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.

Runways (Crane)

See Cranes Runway

12833a— Runways (Poultry)

Buffalo Wire Works Co., 320 Terrace, Buffalo, N. Y. *See adv index at end of book*

12834— Rust Preventives

Am. Chemical Paint Co. ("Deoxidine" Metal Testing & Rust Proofing), 1118 S 11th, Phila., Pa.
American Oleite Sales Co. ("Oleite"), 1404 N Park pl, St. Louis, Mo.
American Rust Proof Co. ("Vatudrip"), 8 W 40th, New York
Arnold N. B. ("Slikuys Kant-Rust"), 1 Sigourney, Brooklyn, N. Y.
Corol Co., 127 N Dearborn, Chicago, Ill.
Hess & Son ("Epicassit"), 2910 N 16th, Phila., Pa.
Houghton E. F. & Co. ("Cosmic" & White Slushing Oil), 240 W Somerset, Phila., Pa.
Melville F. L. ("Melville's Anti-Rust"), Bayonne, N. J.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Remington Arms Company Inc. (Rust Remover for Guns, Revolvers & Pistols), 233 B'way, New York
Rust Resisting Black Finish Co., Bridgeport, Conn.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

12835— Rust-Proofing

Am. Chemical Paint Co. ("Deoxidine"), 1118 S 11th, Phila., Pa.
Bradley Iron Works, 37 Ferris, Brooklyn, N. Y.
Rust Resisting Black Finish Co., Bridgeport, Conn.

12835a— *Rust Remover

Frasse Peter A. & Co. Inc. ("Meno"), 417 Canal, New York

12836— Rustic Woodwork

North Shore Ferneries Co. (Furniture), Beverly, Mass.
Peirce W. E. & Co., Milford, N. H.

12836a— Ruthenium

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co, Platinum Works, Malvern, Pa.
Foote Mineral Co., Inc., Phila., Pa.

12837— Rutile

Am. Rutile Co., 622 F, NW, Washington, D. C.
Drakenfeld B. F. & Co. (Granular & Powdered), 50 Murray, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

12838— Saccharine

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Merck & Co., 45 Park pl, New York
Monsanto Chemical Works, St. Louis, Mo.
Vitro Manfg. Co., H, Bessemer bldg., Pittsburgh, Pa.

12839-40-1—Saccharometers

Phila. Thermometer Co., 9th & Arch., Phila., Pa.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Warren Products Co., 265 Canal, New York. *See adv index at end of book*

Sacks (Cotton)

See Bags & Bagging

12842— Sacks (Ore)

Colorado Tent & Awning Co. ("Boss"), Denver, Colo.
Denver Tent & Awning Co., Denver, Colo.
Hoegee Wm. H. Co., Los Angeles, Cal.

Sacks (Paper, Cement & Flour)

See Bags, Paper, With the Word Cement, etc., Following Their Name

12843— Sad Irons

Alcohol Utilities Co. ("Pyro" Alcohol Self-Heating), 27 William, New York
Alperin H. J. Co. ("Alpine" Electric), 720 Euclid av, Cleveland, O.
American Foundry & Mfg. Co. ("Potts" & Common), 11th & Hebert, St. Louis, Mo.
American Gas Machine Co. (Self Heating Gasoline), Albert Lea, Minn.
AMERICAN GAS MACHINE CO. INC. (Gasoline), Albert Lea, Minn., and 78 Reade, New York
American Pressing Iron Co. ("Frugal" Gas), 48 E 8th, New York
BEACH-RUSS CO. (Gas), 50G Church, New York. *See adv index at end of book*
Behrstock L. Co., 763 W Van Buren, Chicago, Ill. *See adv index at end of book*

L. BEHRSTOCK CO.
Successor to
Gross Star Gas Iron Co. (Not Inc.)
763 W. Van Buren Street
Chicago, Ill.
AGENTS WANTED

Bless & Drake ("Mrs. Potts" Cold-Handle, Self-Heating Charcoal; also "Perfect" Gas), 175 N. J. RR av, Newark, N. J.
Brandenburg Cobbling Supply Co. (Common), 1335 N J RR av, Newark, N. J.
Central Flatiron Mfg. Co., Inc. "Fairy Queen," "Duo Point," "Stewart" Gas Heated), Johnson City, N. Y.
Chattanooga Implement & Mfg. Co. (Common Pressing, Tailors' & Charcoal), Chattanooga, Tenn.
Chicago Hardware Foundry Co. ("Harper" Asbestos Lined), 546 W Washington, N Chicago, Ill.
Colebrookdale Iron Co. ("Mrs. Potts," "Sensible," Chinese Shirt Waist & Laundry, Shield "C" "Sensible" & Shield "C" Tailors), Pottstown, Pa.
Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Deshler Fdry. & Mach. Wks., Deshler, O.
Dover Mfg. Co. (Asbestos), Dover, O.
Edison Electric Appliance Co., Inc. (Hotpoint Division), ("Pacific"), 5600 W Taylor, Chicago, Ill.
Enterprise Hardware Mfg. Co., Frederick, Md.
Enterprise Mfg. Co. ("Enterprise"), Dept. H, 3rd & Dauphin, Phila., Pa.
Genessee Valley Mfg. Co., Mount Morris, N. Y.
Gray Iron Foundry Co. ("Cold Handle" Family & Laundry; also "Dainty" Shirtwaist Irons), Reading, Pa.
Gross Star Gas Iron Co. (Self-Heating, Gasoline), 12 N Market, Chicago, Ill.
Herz Mfg. Co. (Self-Heating Gasoline 241 W 7th, St. Paul, Minn.
Howell W. H. Co. (Cold Handle & Common; also "Star" Quality), Geneva, Ill.
Ideal Sad Iron Mfg. Co. ("Ideal" Gasoline Self-Heating), 211 High, Cleveland, O.
Illinois Iron & Bolt Co. (Revolving, also Tailors' Irons), Carpentersville, Ill.
Imperial Brass Mfg. Co. ("Imperial" Self Heating), 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
King Stove & Range Co. (Common), Sheffield, Ala.
Landers, Frary & Clark, New Britain, Conn.
Lindstrom-Smith Co. ("White Cross" Electric), 3212 W Lake, Chicago, Ill.
Lodge Mfg. Co., South Pittsburgh, Tenn.
Loetscher-Ryan Mfg. Co. ("Star," "Crescent," "B. O. E.," "Mrs. Potts" & Tailors'), Dubuque, Ia.
Modern Safety Gas Iron Co., 205 Cuthbert, Phila., Pa.
Monitor Sad Iron Co. ("Monitor" Gasoline Self-Heating), Big Prairie, O.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Rock Island Mfg. Co. ("Mrs. Potts" Pattern, also Gas), Rock Island, Ill.
Rosenbaum Mfg. Co. ("Uneedit," "Rose" Gas), 33 Bleecker, New York
Royal Iron & Mfg. Co. ("Royal" Gas & Gasoline), Big Prairie, O.
Russell Electric Co. ("Hold Heet"), 140 W Austin, Chicago, Ill.
Solar Light Co., 69 Wooster, New York
Southern Skein & Foundry Co. ("So. Crescent," also Tailors' Irons), Chattanooga, Tenn.
Stockwell & Co. (Gas), 229 N Holliday, Baltimore, Md.
Strause Gas Iron Co. ("Iwanta" Gas), 1425 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible") ("Mrs. Potts"), Rochester, N. Y.
Sunshine Jasper Co. (Gas), 59 E 8th, New York
Thurnauer G. M. Co. ("Nickel Plated Alcohol"), 6 E 20th, New York
Tures Mfg. Co. ("Turz-Lite," "Peerless," Gasoline), 394 6th, Milwaukee, Wis.
Union Mfg. Co., Boyertown, Pa.
Williams A. C. Co., Ravenna, O.
Wright Gas Iron & Novelty Co. ("New Wright" Gas), 13th & Cumberland, Phila., Pa.
Wrightsville Hardware Co. (Cold Handles, "Mrs. Best's" & "Troy Ladies' Pride"), Wrightsville, Pa.

12844— Sad Irons (Electric)

American Electrical Heater Co. ("American Beauty," "Little Beauty, "Quality" & Pressing Irons), Burroughs & Woodward, Detroit, Mich.
Bless & Drake, 176 N. J. RR av, Newark, N. J.
Chicago Flexible Shaft Co. ("Princess"), 5600 Roosevelt rd, Chicago, Ill.
Colebrookdale Iron Co. ("Colebrookdale"), Pottstown, Pa.
Cumberland Electric Mfg. Co., Memphis, Tenn.
Detroit Electric Heater Co. ("Happy"), Detroit, Mich.
Dover Mfg. Co. ("A-Best-O"), Dover, O.
Economy Electric Co., 211 Fulton, Brooklyn, N. Y.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), ("Pacific," "World's Best," "Utility," "Hotpoint"), 5600 W Taylor, Chicago, Ill
Electric Specialties Co., Benton, Harbor
Empire Transformer Co., 4642 Ravenwood av, Chicago, Ill.
Fox Electrical Corpn., 119 W 42d, New York
Grosa Star Gas Iron Co, 12 N Market, Chicago, Ill.
Landers, Frary & Clark ("Thermax"), New Britain, Conn.
Langguth-Olson Co., 120 Liberty, New York
Lindstrom Smith Co. ("White Cross"), 3212 W Lake, Chicago, Ill.
Loetscher-Ryan Mfg. Co. ("Ideal"), Dubuque, Ia.
MANHATTAN ELECTRICAL SUPPLY CO. ("Mesco"), 17 Park pl, New York
See adv index at end of book
National Stamping & Electric Wks. ("Superior"), 424 S Clinton, Chicago, Ill.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
Pelouze Mfg. Co. ("Pelouze"), 232 E Ohio, Chicago, Ill.
Pfanstiehl Co., North Chicago, Ill.

Phelps Mfg. Co. ("So Easy" & "Venus"), 49 W Larned, Detroit, Mich.
Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.
Reimers Mfg. Co., 517 W 45th, New York
Rochester Stamping Co., Rochester, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Russell Electric Co. ("Hold-Heet"), 140 W Austin av, Chicago, Ill.
Rutenber Electric Co., Marion, Ind.
Satisfaction Guaranteed Corp. ("American Queen," "Two Point" & "Double Point"), 659 Fulton, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Sterling Mach. & Stamping Co., Wellington, O.
Vulcan Electric Heating Co., 107 W 13th, New York
Waage Elec. Co. ("Trip-l-Heat"), 12 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Sad Irons (Gas)

See Firms in Sad Irons with the Word Gas Following Their Name

12845—Saddles (Bicycle & Motor Cycle)

Mesinger H. & F. Mfg. Co., 144th & Austin pl, New York
Persons Mfg. Co. (Leather), 244 Franklin, Worcester, Mass.
Reading Saddle & Mfg. Co., Reading, Pa.
Superior Metal Products Co., Elyria, O.
Troxel Mfg. Co. (Also Motor Cycle), Elyria, Ohio

12846— Saddles (Gig)

Arters A. Sons Co., Lisbon, O.
Standard Coach Pad Co., Wooster, O.

12847— Saddles (Pipe)

American Foundry & Mfg. Co., St. Louis, Mo.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Dayton Pipe Coupling Co. (For Pipe Mains, etc), Dayton, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
McCred Jas. & Co., 562 W Washington, Chicago, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Newbury Mfg. Co., Monroe, N. Y.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Skinner M. B. Co. ("Emergency"), 562 W Washington, Chicago, Ill.

Saddles (Riding)

See Harness Saddles & Strap Work Mfrs.

12848— Saddles (Tank)

Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.

12849— Saddletrees

Claggett Saddletree Co., Jeffersonville, Ind.
Flor Edw., Demorest, Ga.
Hummel Geo. J. Saddletree Co., Madison, Ind.
Sullivan J. S. Saddletree Co., Jefferson City, Mo.

12850-1—Safe Ends (Boiler Tube)

National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.

12852— Safes (Express Car)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., P O Box 846, Cincinnati, O.
See adv index at end of book
Herring-Hall-Marvin Safe Co., Hamilton, Ohio
Safe-Cabinet Co., Marietta, Ohio

12853— Safes (Filing)

Art Metal Constr. Co. ("Art Metal"), Jamestown, N. Y.
Baum J. Safe & Lock Co., 617 E Front, Cincinnati, Ohio
Berger & Co., Canton, O.
DIEBOLD SAFE & LOCK CO., Canton, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Meilink Steel Safe Co. ("Meilink"), Toledo, Ohio

12854—Safes (Fire & Burglar Proof)

American Safe Co., Anderson, Ind.
Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.
Barnes Safe & Vault Co., 1219 E Main, Richmond, Va.
Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Cary Safe Co., Buffalo, N. Y.
DIEBOLD SAFE & LOCK CO., Canton, O
General Fireproofing Co., Youngstown, O.
See adv index at end of book
Gross-Feibel Co., Hillsboro, O.
HALL'S SAFE CO. ("Hall's"), P. O. Box 846, Cincinnati, O.
See adv index at end of book
Harrigan Safe Co., Kansas City, Mo.
Harris S. H. Co., Chicago, Ill.
Herman Safe Co., 216 Fremont, San Francisco, Cal.
Underwriters Safe Co., Toledo, Ohio.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., 2341 E 69th, Cleveland, O.
Norris Safe & Lock Co., Seattle, Wash.
Northwestern Safe Mfg. Co., Columbia Heights, Minneapolis, Minn.
Pittsburgh Safe Co., Connellsville, Pa.
Pixley Safe & Lock Co., Toledo, O.
Reliable Safe Lock Co., Inc., Covington, Ky.
Remington & Sherman Co., 359 B'way, New York
Safe- Cabinet Co., Marietta, Ohio
Schwab Safe Co., Lafayette, Ind.
Stiffel & Freeman Co., 723 Chestnut, Phila., Pa.
Syracuse Safe Co., Syracuse, N. Y.
Underwriters Safe Co., Toledo, O.
Victor Safe & Lock Co., Div., The Safe Cabinet Co., Norwood, Cincinnati, O.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
York Safe & Lock Co., York, Pa.

12855— Safes (House)

Baum J. Safe & Lock Co., 617 E Front, Cincinnati, Ohio
Galvanized Products Co., 8410 av, Cleveland, O.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
HALL'S SAFE CO., P O Box 846, Cincinnati, Ohio
See adv index at end of book
Meilink Safe Co., Toledo, Ohio
Wehrle Co., Newark, O.

12855a—Safes (Light Weight)

Armor Clad Mfg. Co., Canton, O.
Art Metal Construction Co. ("Art Metal" Light Weight), Jamestown, N. Y.

E. CLARK HALL, Jr., President JOSEPH L. HALL, Vice-Pres't W. A. HOPPLE, Jr., Sec'y & Treas.

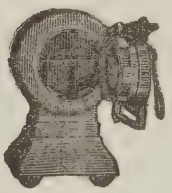
SAFES and VAULTS

Cable Address, Hallsafe

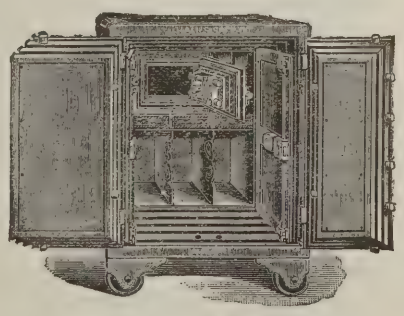
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SAFES (LIGHT WEIGHT)—continued
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Meilink Steel Safe Co., Toledo, O.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
GENERAL FIREPROOFING CO. ("G. F. Allsteel"), Youngstown, O.
See adv index at end of book
Safe Cabinet Co., Marietta, O.

12856—Safes (Manganese Steel)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., P O Box 846, Cincinnati, Ohio
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
York Safe & Lock Co., York, Pa.

12857— Safes (Match)

Arcade Mfg. Co. ("Champion"), Freeport, Ill.
Barnes-Ross Co. ("BIR"), Indianapolis, Ind.
Behrend & Rothschild, 353 B'way, New York
Bogert & Hopper Inc. (Wood) (Advertising), 57 Barclay, New York
See adv index at end of book
Buffalo Mfg. Co., Buffalo, N. Y.
Carrington & Co. (Pocket), 42 Walnut, Newark, N. J.
Cassady Fairbank Mfg. Co. ("Acorn"), 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.
Ensign F. V. (Nickel & Gift), Elmira, N. Y.
Estes E. B. & Sons (Advertising), 364 5th av, New York
See adv index at end of book
Forsyth Metal Goods Co., E. Aurora, N. Y.
Grey Iron Casting Co. ("Demon," Safety, etc), Mt. Joy, Pa.
Hess & Son ("Holdfast"), Watkins bldg, Phila., Pa.
Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Marble Arms & Mfg. Co. ("Marble's" Sportsman Waterproof), Gladstone, Mich.
National Enameling & Stamping Co., 411 5th av, New York
National Sheet Metal Co. (Stamped Nicheltus & "Nicolene," Pocketproof & Stormproof, etc.), Peru, Ill.
Nicol & Co. ("Turtle"), 218 N Jefferson, Chicago, Ill.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Royal Mfg. Co. ("Royal Rustic"), 406 Commerce, Phila., Pa.
Schimper William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W New York
Searls Mfg. Co. ("Paletto"), 29 Mulberry, Newark, N. J.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Stover Mfg. & Engine Co. (Brass), Freeport, Ill.
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.
Van Wert Novelty Co., Van Wert, Ohio
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

12858— Safes (Receiving)

For Street Railway Conductors' Trip Returns
HALL'S SAFE CO. (For Conductor's Trip Returns), P O Box 846, Cincinnati, O.
See adv index at end of book
York Safe & Lock Co., York, Pa.

12859—Safes (Wall, Built In)

HALL'S SAFE CO., P O Box 846, Cincinnati, Ohio
See adv index at end of book

12860—Safes & Vaults (Wall)

Diebold Safe & Lock Co., Canton, O.
Lowrie Safe & Lock Mfg. Co. ("Lowrie," for Residences, Clubs, Offices, etc.), 400 N Oakley blvd, Chicago, Ill.
York Safe & Lock Co., York, Pa.

12861—Safety Deposit Boxes

Diebold Safe & Lock Co., Canton, O.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
HALL'S SAFE CO., P O Box 846, Cincinnati, Ohio
See adv index at end of book
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., 2341 E 69th, Cleveland, O.
Safe Cabinet Co., Marietta, Ohio
York Safe & Lock Co., York, Pa.

12862—Safety Devices (Punching Press, Etc.)

For Protecting Workmen
Benjamin Elec. Mfg. Co., 120-2 128 S Sangamon, Chicago, Ill.
Geuder Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book

12863—Safety Straps (Telephone & Telegraph Poles)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

Safety Treads

See Stair Treads, Various Kinds

12863a—*Safety Treads (Wrought Steel)

AMERICAN MASON SAFETY TREAD CO., Lowell, Mass.

12863b—Saggers (Fire Clay)

Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Spinks H. C., Newport, Ky.

12864-5— Sails (Yacht)

Baker H. H. & Co., Buffalo, N. Y.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Cousens & Pratt, Neponset, Boston, Mass.
Curtin John (Inc.), 71 Front, New York
Daniels C. R. Inc., 115 South, New York
Goss J. C. Co., 16 E Woodbridge, Detroit, Mich.
Gromann Henry F., 320 Pearl, New York
Herreshoff Mfg. Co., Bristol, R. I.
McClellan Chas. P., Fall River, Mass.
Mills Andrew & Sons, 53 South, New York
Moore Benj. & Co., 27 South, New York
Pease L. F. Co., 7 Crawford, Providence, R. I.
Thomas Wm. E. & Co., 42 South, New York
Upson-Walton Co., 1294 W 11th, Cleveland, O.
Wilson & Silsby, Rowe's Wharf, Boston, Mass.

12866— Salamanders

Channon Jas. H. Mfg. Co. ("Blazer"), 227 W Erie, Chicago, Ill.
Donley Bros. Co., 3625 E 74th, Cleveland, O. *See adv index at end of book*
Drouve G. Co., Bridgeport, Conn.
Eagle Iron Works ("May's"), 850 DeKalb av, Brooklyn, N. Y.
Fleck M., 338 E 124th, New York
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Howes S. M. Co., 42 Union, Boston, Mass.
Jackson Mfg. Co., Harrisburg, Pa.
Keller A. E. (Mason's), 136 Beekman, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
North Star Ash Can Co. (Masons), 167 Chrystie, New York
Penn Foundry & Mfg. Co., Reading, Pa.
Phillips Doup & Co., 60 Pearl, Brooklyn, N. Y.

12867— Sal-Ammoniac

See Also Chemicals, Battery

Anderson-Hillier Co. Inc. (Powdered), 99H John, New York
Barrett Co., 17 Battery pl, New York
Bauer Philip Co. (Imp.), 25 W B'way, New York
Baugh & Sons Co., 20 S Delaware av, Philadelphia, Pa.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co., 251 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, Ohio
Harshaw, Fuller & Goodwin, Elec bldg, Cleveland, O.
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Roessler & Hasslacher Chemical Co. (White & Gray), 709 6th av, New York
Semet-Solvay Co., Syracuse, N. Y.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12868— Salicylate of Soda

British-American Chemical Corp., 109 Beekman, New York
Dow Chemical Co., Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Heyden Chemical Wks., Garfield, N. J.
Merck & Co., 45 Park pl, New York
Monsanto Chemical Works, 1800 S 2d, St. Louis, Mo.
Pfizer Chas. & Co., 81 Maiden la, New York
Semet-Solvay Co., Syracuse, N. Y.

12868a— Salicylamide

Barrett Co., 17 Battery pl, New York
Greeff R. W. Co., 80 Maiden la, New York
Merck & Co., 45 Park pl, New York

12869— Salol

Greeff R. W. & Co., 80 Maiden la, New York
Heyden Chemical Works, Garfield, N. J.
Mallinckrodt Chem. Wks, 2d & Mallinckrodt, St. Louis, Mo.
Monsanto Chemical Works, 1800 S 2d, St. Louis, Mo.

12870— Sal-Soda

American Chemical Co., 640 Carr, Cincinnati, O.
Bay Chemical Wks., 24 California, San Francisco, Cal.
California Soap Co., 2437 E 9th, Los Angeles, Cal.
Church & Dwight Co. (Also Concentrated Sal-Soda), 27 Cedar, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Iowa Soda Products Co., Council Bluffs, Iowa
Klipstein A. & Co., 644 Greenwich, New York
Mechling Bros. Mfg. Co., Camden, N. J.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Chemical Co. of Cal., 526 S Alameda, Los Angeles, Cal.
Penn Chemical Works, 1322 Wash. av, Phila., Pa.
Penna. Salt Mfg. Co. (Also Laundry Soda), Widener bldg, Phila., Pa.
Reardon Jno. & Sons Co., Cambridge, Mass.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Van Brunt J. A. & Co. (Dirs.), 114H John, New York
Vera Chemical Co., North Milwaukee, Wis.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
Winkler Isaac & Bros. Co., 1st National Bank bldg., Cincinnati, O.

12871— *Salt (Agricultural)

Du Pont E. I. de Nemours & Co. Inc., Special Products Co., Wilmington, Del.
See adv index at end of book

12872— Salt Cake

See Also Salts, Glauber

Butterworth-Judson Corp., 61 Broadway, New York. *See adv index at end of book*
Contact Process Co., Buffalo, N. Y.
Du Pont E. I. de Nemours & Co. Inc., Sales Dept. (Acid Heavy Chemical Div.), Wilmington, Del.
General Chemical Co. (Glass Makers), 25 Broad, New York
Grasselli Chemical Co. (For Glass Makers), Guardian bldg, Cleveland, O.
Kalbfleisch Corp., 31 Union sq, New York
Lennig Chas. & Co., 40 North Front, Phila., Pa.
Monsanto Chemical Works, 1800 S 2d, St. Louis, Mo.
National Zinc Co., 61 B'way, New York
New Jersey Zinc Co., 160 Front, New York
Penna. Salt Mfg. Co. (Refined, For Glass Makers), Widener bldg., Phila., Pa.
Riverside Acid Works, Warren, Pa.
Rollin Chemical Corp., 120 B'way, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Southern Acid & Sulphur Co., Boatmen's Bank bldg, St. Louis, Mo.
Warren Products Co., 265 Canal, New York. *See adv index at end of book*
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12873— *Salt (Finishing)

Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del. *See adv index at end of book*

12874— Salt Mfrs.

Avery Rock Salt Mining Co., Scranton, Pa.
Barton Salt Co., Hutchinson, Kan.
Bevis Rock Salt Co., Arcade bldg, St. Louis, Mo.
Bliss & Van Auken, Saginaw, Mich.
Bradley N. B. & Sons, Bay City, Mich.
California Salt Co., Mills bldg, San Francisco, Cal.
Carey Salt Co., Hutchinson, Kan.
Cleveland Salt Co., 5912 Central av, Cleveland, O.
Colonial Salt Co., Akron, O.

Consumers Salt Co., Los Angeles, Cal.
Copell Salt Co., Salt Lake City, Utah
Desert Crystal Salt Co., White Plains, Nev.
Diamond Crystal Salt Co., St. Clair, Mich.
Dickinson J. Q. & Co. ("Genuine Kanawha"), Malden, W. Va.
Eastern Salt Co., 186 State, Boston, Mass.
Eddy Bros. & Co., Bay City, Mich.
Empire Coarse Salt Co., Syracuse, N. Y.
Grand Saline Salt Co., Grand Saline, Tex.
Independent Salt Co., 44 Whitehall, New York
Inland Crystal Salt Co., Salt Lake City, Utah
Inland-Delray Salt Co., Murphy bldg, Detroit, Mich.
International Salt Co. (of New Jersey), 2 Rector, New York
International Salt Co. (of New York), Scranton, Pa.
Leroy Salt Co., Leroy, N. Y.
Mershon Eddy, Parker Co., Saginaw, Mich.
Michigan Salt Works, Marine City, Mich.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
Mulkey Salt Co., Dix & River Ridge, Detroit, Mich.
Myles Salt Co. (Ltd.), 713 Whitney Central bldg, New Orleans, La., & Weeks, La.
North American Chemical Co., Bay City, Mich.
Ohio Salt Co., Wadsworth, O., & 100 Hudson, New York
Onondaga Coarse Salt Assn., Syracuse N. Y.
Peters R. G. Salt & Lumber Co., East Lake, Mich.
Pomeroy Chemical Co., Pomeroy, Ohio
Robinson Jerh. P. & Co. (Imp.), 56 Beaver, New York
Salina Solar Coarse Salt Co., Syracuse, N. Y.
Sergeant E. M. Co. (Common Fine; Agents), 15 E 26th, New York
See adv index at end of book
Solvay Process Co., Syracuse, N. Y.
Standard Salt & Cement Co., Duluth, Minn.
Stearns Salt & Lumber Co., Ludington, Mich.
Sterling Salt Co., 29 B'way, New York
Todd Salt Co. (Imp.), 407 E 8th, New York
Union Salt Co., Addison rd & L. S. & M. S. Ry., Cleveland, O.
Utah Salduro Co. ("Capell"), 609H Clift bldg, 609H Salt Lake City, Utah
Wadsworth Salt Co., Wadsworth, O.
Western Rock Salt Co., Arcade bldg, St. Louis, Mo.
Worcester Salt Co., 71 Murray, New York

12874a— *Salt (Recovered)

Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book

12874b— *Salt (Refuse)

Du Pont E. I. de Nemours & Co. Inc., Special Products Sec. Wilmington, Del.
See adv index at end of book

12874c— *Salt (Track)

Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del.
See adv index at end of book

12875-6-7-8-9— Saltpetre

Battelle & Renwick ("Niagara" Refined Crystals, Granular & Powdered), 80 Maiden la, New York
Croton Chemical Co., 14 Cedar, New York
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Ralli Bros. (Imp.), 11 William, New York
Takamine Commercial Corp. (Imp.), 120 B'way, New York
Thorkildsen-Mather Co., 111 W Monroe, Chicago, Ill.
Warren Products Co., 265 Canal, New York.
See adv index at end of book
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Saltpetre (Chile)

See Nitrate of Soda

12880— Salts (Aniline)

Berlin Aniline Works (Imp.), 213 Water, New York
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Marden, Orth & Hastings Co., 136 Liberty, New York
Midvale Chemical Works, 610 Locust, St. Louis, Mo.
Montcalm Chemical Wks., 220 N Illinois, Indianapolis, Ind.
Sparks John C., 42 Warren, New York

12881— Salts (Chemical)

American Luminous Products Co. (Calcium), Huntington Park, Cal.
Doggett Stanley, 11 Cliff, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Ohio Chemical & Mfg. Co. 1177 Marquette, Cleveland, O.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

12882— Salts (Copper)

Buchanan C. G. Chemical Co., 4650 Baker av, Cincinnati, Ohio
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

12882a— Salts (Epsom)

See also Magnesium Sulphate

Clarke Chem. Co., Wickliffe, O.
Drackett P. W. & Sons Co., 5020 Spring Grove av, Cincinnati, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book
General Chemical Co., 215 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis Speiden & Co. Inc., 46 Cliff, New York.
See adv index at end of book
Ohio Chemical & Mfg. Co., 1177 Marquette, Cleveland, O.
Van Schaack Peter & Sons (Jobbers Tasteless), 118 W Lake, Chicago, Ill.

12882b—Salts (Effervescent)

Abbey Effervescent Salt Co., 1382 B'way, New York
Parke Davis & Co., 743 E Atwater, Detroit, Mich.

12883— Salts (Glauber's)

See also Sodium Sulphate

Anderson-Hillier Co. Inc. (Powdered), 99H John, New York
Bischoff C. & Co. (Imp.), 451 Washington, New York
Central Products Co., 1352 Wells, Chicago, Ill.
Ducas B. P. Co. (Imp.), 25 S William, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa.
See adv index at end of book

ALEX C. FERGUSSON JR.
SINCE 1892
DOMESTIC AND IMPORTED CHEMICALS—COLORS—OILS
WAREHOUSE STOCKS
474 CHESTNUT ST. PHILADELPHIA

Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co. (And Nitre Cake), 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis Speiden & Co. Inc., 46 Cliff, New York.
See adv index at end of book
Iowa Soda Products Co., Council Bluffs, Ia.
Jobbins Wm. F. (Inc.), Aurora, Ill.
Katzenbach & Bullock Co., 100 William, New York
Lennig Chas. & Co., 40 North Front, Phila., Pa.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Niasco Chem. Co., New Market, N. J.
Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Philadelphia, Pa.
Pratt N. P., Atlanta, Ga.
Roilin Chemical Corp., 120 B'way, New York
Sergeant E. M. Co., 15 E. 26th, New York
See adv index at end of book
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

12884— Salts (Manure)

Ashcraft Wilkinson Co., Atlanta, Ga.
German Kali Works (Imp.), 42 B'way, New York

12885— Salts (Nickel)

See Also Nickel Sulphate; also Nickel Ammonium Sulphate

Day S. A. Mfg. Co. (Dealers), 1433 Niagara Buffalo, N. Y.
Finkell Wm. T. ("Peerless" Dealer), 103 Maiden la, New York
Finkell-Hachmeister Chemical Co. (Chinisol"), 1910 Forbes, Pittsburgh, Pa.
Fuerst Bros. & Co. (Imp.), 2 Stone, New York.
Hanson & Van Winkle Co., 269 Oliver, Newark. N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
International Nickel Co., 67 Wall, New York
Munning A. P. & Co. (Single & Double), Matawan, N. J.
Neubeck Adolf (Plating), Buffalo, N. Y.
Roessler & Hasslacher Chemical Co. ("Trisalyt" Metallic Triple Salt for Electroplating), 709 6th av, New York
U. S. Chemical Co. (Black), 3621 Lakeside av, N E, Cleveland, O.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12886— Salts (Platinum)

American Platinum Wks., 231 N J RR av, Newark, N. J.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

12887—Sample Cases (Jewelry)

Rueckert Mfg. Co., 162 Clifford, Providence, R. I.

12887a— Sample Cases & Bags

Ajax Trunk & Sample Case Co., 150 W 18th, New York
Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.
Cutter & Cutter, 95 Bedford, Boston, Mass.
Diamond Nicholas & Co., 616 W Adams, Chicago, Ill.
Fibre Case & Novelty Co., 274 Church, N. Y.
Headley & Farmer Co., Newark, N. J.
Katz Bros. Leather Goods Co., 135 W 20th, N. Y.
KNICKERBOCKER CASE CO., Fulton & Clinton, Chicago, Ill.
See adv index at end of book

SAMPLE CASES
for anything and everything
in stock or made-to-order
Knickerbocker Case Company
Fulton and Clinton Sts., Chicago, Ill.

Likly Henry & Co., Rochester, N. Y.
Seitz J. H & Son, 414 Brown, Phila., Pa.
Warren Leather Goods Co., Worcester, Mass.
Winship W. W. & Sons, Co., Utica, N. Y.

12888—Samplers (Coffee, Etc.)

Sanders, Frary & Clark, New Britain, Conn.

12889— Samplers (Grain)

Minneapolis Brass & Iron Mfg. Co., 115 N 9th, Minneapolis, Minn.
Sauerman Bros., 1138 Monadnock blk., Chicago, Ill.

12890— Samplers (Ore)

Braun Corporation, 363 New High, Los Angeles, Cal.
Braun-Knecht-Heimann Co. (Laboratory), 576-584 Mission, San Francisco, Cal.
Denver Engineering Works Co., Denver, Col.
Denver Fire Clay Co. ("Jones," "Core"), Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book
William A. Box Iron Works Co. ("Brunton"), 3309 Blake, Denver, Colo.

12890a—Sand Blast Accessories

Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Pangborn Corp., Hagerstown, Md.

12890b—Sand Blast Apparatus

Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

12891— Sand Blast Equipment

Am. Fdry. Equipment Co. ("Rich"), 366 Madison av, N. Y.
Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J.
See adv index at end of book

REVOLVING BARREL
ROTARY TABLE
SANDBLAST MACHINES
DUSTLESS SAND BLAST ROOMS
HOSE SAND BLASTS AND ALL OTHER
SANDBLAST EQUIPMENTS AND ACCESSORIES
HOEVEL MANUFACTURING CORP.
CONTROLLED BY L. O. KOVEN & BROS.
166 OGDEN AVENUE, JERSEY CITY, N. J.

SAND BLAST EQUIPMENT—continued
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co. (Machines, Helmets, Cabinets, etc.), 2227 Bogen, Cincinnati, O.
See adv index at end of book

We build Hose Type Machines, Tumbling Barrels, Tables, Cabinets and a full line of this type machinery.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

New Haven Sand Blast Co., New Haven, Conn.
Pangborn Corp (Cars) Hagerstown, Md.
Standard Equipment Co. ("Standard"), 185 Church, New Haven, Conn.

12891a—*Sand Blast Exhaust System

Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

12891b—Sand Blast Revolving Barrels

Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Pangborn Corp., Hagerstown, Md.

12891c—Sand Blast Rotary Table

Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Pangborn Corp. (Automatic), Hagerstown, Md.

12892—Sand Blast Systems

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co. (Exhaust System), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Pangborn Corp., Hagerstown, Md.

12893— Sand (Core)

See also Sand, Molding or Foundry
Berkshire Glass Sand Co., Cheshire, Mass.
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book
Downer S. W., Downer, N. J.
Humphreys E. C. Co., 624 Penobscot,, Detroit, Mich.
Jackson Sand Mining Co., Jackson, O.
Kiamensi Clay Co., Wilmington, Del.
Newport Sand Bank Co., Newport, Ky.
Northern Gravel Co., Muscatine, Iowa
Paxon J. W. Co., 1021 N Delaware av, Philadelphia, Pa.
Reynolds E. J. Sand Co., Utica, Ill.
Squier Ed. E. Co., Federal Reserve Bk. bldg, St. Louis, Mo.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
U. S. Silica Co., 122 S Michigan av, Chicago, Ill.
Utica Fire Sand Co., Utica, Ill.
Valentine M. D. & Bro. Co., Woodbridge, N. J.
Wausau Quartz Co. Wausau, Wis.
Wedron White Sand Co., Wedron, Ill.
Whitehead Bros. Co., 537 W 27th, New York

12894—Sand Excavating & Screening Plants (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Sauerman Bros., Monadnock blk, Chicago, Ill.

12895— Sand (Filtering)

Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Cape May Sand Co., Cape May, N. J.
Des Moines Sand & Fuel Co., Des Moines, Iowa
International Filter Co., 38 S Dearborn, Chicago, Ill.
Kiamensi Clay Co., Wilmington, Del.
New England Quartz Co. of N. Y., 150 Nassau, New York
New York Continental Jewell Filtration Co., Nutley, N. J.
Northern Gravel Co., Muscatine, Iowa
Portage Silica Co., Youngstown, O.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Wausau Quartz Co., Wausau, Wis.

12896— Sand (Furnace)

Berkshire Glass Sand Co., Cheshire, Mass.
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Catlin R. H. Co. (Furnace Bottom), Wilmington, Del.
Downer S. W., Downer, N. J.
Kiamensi Clay Co., Wilmington, Del.
Reynolds E. J. Sand Co., Utica, Ill.
Squier Ed. E. Co., Federal Reserve Bk. bldg, St. Louis, Mo.
Standard Silicon Co., Ridgway, Pa.
Tavern Rock Sand Co. (Fire & Furnace), 612 N 2d, St. Louis, Mo.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Utica Fire Sand Co., Utica, Ill.

12897—Sand (Glass Makers')

Acme Glass Sand Co., Coxville, Ind.
Berkshire Glass Sand Co., Cheshire, Mass.
Brown's Mills Sand Co., in the Pines Brown's Mills, N. J.
Central Silica Co., Zanesville, O.
Crystal Sand Co., Bridgeton, N. J.
Derry Glass Sand Co., Latrobe, Pa.
Downer S. W., Downer, N. J.
Graham Glass Co., Evansville, Ind.
Kentucky Silica Co., Louisville, Ky.
Kiamensi Clay Co., Wilmington, Del.
New England Quartz Co., of N. Y., 150 Nassau, New York
Oneida Lime Co., Ltd., Buffalo, N. Y.
Pennsylvania Glass Sand Co., 341 4th av, Pittsburgh, Pa.
Pittsburgh White Sand Co., Farmers' Bank bldg, Pittsburgh, Pa.
Product Sales Co. (Jobbers), 32 S Calvert, Baltimore, Md.
Reading Sand Co., Bridgeton, N. J.
Reynolds E. J. & Co., Utica, N. Y.
Round Top Glass Sand Co., Hagerstown, Md.
Sonnhalter Sand & Stone Co. Massillon, O.
Standard Silicon Co., Ridgway, Pa.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Utica Fire Sand Co., Utica, Ill.
Wedron White Sand Co., Wedron, Ill.
Winfield Sand & Mineral Co., 2nd National Bank bldg, Pittsburgh, Pa.

12898— Sand (Granite)

Stowell Mfg. Co., Culver av, Jersey City, N. J.

12899—Sand Handling Plants

BARTLETT, C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Lee Trailer & Body Co. (Motor Truck type), 2343 S La Salle, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.

12900—Sand (Molding or Foundry)

See also Foundry Facings & Supplies
Albany Sand & Supply Co., Albany, N. Y.
Ayres Mineral Co., Zanesville, O.
Beach City Silica Sand Co. (Silica), Beach City, O.
Berkshire Glass Sand Co., Cheshire, Mass.
Boehm J. K. Huron, O.
Bos Jno. N. Sand Co., 118 N La Salle, Chicago, Ill.
Brennan Sand Co., Tullytown, Pa.
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Burton-Townsend Co. (Molding), Ashtabula, O.
Cape May Sand Co., Cape May City, N. J.
Catlin R. H. Co., Wilmington, Del.
Crystal Springs Sand Co., Canal Fulton, O.
Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
See adv index at end of book
Downer S. W., Downer, N. J.
Enterprise Sand Co., Fulton bldg, Pittsburgh, Pa.
Evers Jno. Estate, Waterford, N. Y.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Geauga Silica Sand Co., Schofield bldg, Cleveland, O.
Gordon Sand Co., Inc., Conneaut, O.
Hime J. R. Sand Co., Junction City, Ga.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
International Silica Co., Cairo, Ill.
Jackson Sand Mining Co., Jackson, O.
Kentucky Silica Co., Louisville, Ky.
Keystone Foundry Supply Co., Buffalo, N. Y.
Kiamensi Clay Co., Wilmington, Del.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Massillon Sand & Stone Co., Massillon, O.
Mont Alto Sand Co., Waynesboro, Pa.
National Sales Co., 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Newport Sand Bank Co., Newport, Ky.
New York Sand & Facing Co., 106 Grand av, Brooklyn, N. Y.
Oliver Silica Sand Co., Massillon, O.
Oneida Lime Co., Ltd., Buffalo, N. Y.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Peerless Sand Co., Oliver bldg, Pittsburgh, Pa.
PETTINOS CHAS. E., 25 Church, New York
Pittsburgh White Sand Co. (Brick Molding Only), Farmers' Bank bldg, Pittsburgh, Pa.
Portage Silica Co. (Steel Casting), Youngstown, O.
Rapp A. C. Co., Phillipsburg, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Reynolds E. J. Sand Co., Utica, Ill.
Round Top Glass Sand Co., Hagerstown, Md.
Sandusky Sand Co., Sandusky, O.
Silican Products Co., Lancaster, Pa.
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Standard Silicon Co., Ridgway, Pa.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*
Superior Sand Co., Guardian bldg, Cleveland, O.
Tuscora Sand & Coal Co. ("Tuscora"), 719 Prospect, Hippodrome bldg, Cleveland, O.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Utica Fire Sand Co. (Steel Molding & Core Sand), Utica, Ill.
Walker Sand Co., West Springfield, Pa.
Wausau Quartz Co., Wausau, Wis.
Wedron White Sand Co., Wedron, Ill.
Whitehead Bros. Co. (Albany, French, Fire, Core, etc), 537 W 27th, New York

12900a—*Sand (Painters' Colored)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12900b— *Sandpaper

See also Paper (Flint, Sand & Emery)
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
WAUSAU ABRASIVES CO., Wausau, Wis.

12901— Sand (Pure White)

Berkshire Glass Sand Co., Cheshire, Mass.
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Kiamseni Clay Co., Wilmington, Del.
Raritan Ridge Clay Co. (Fine White & Yellow Kiln-Setting), Metuchen, N. J.
Standard Silicon Co., Ridgway, Pa.
United States Silica Co., 122 S Michigan av, Chicago, Ill.

12902— Sand (Sand Blast)

Albany Sand & Supply Co., Albany, N. Y
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Cape May Sand Co., Cape May, N. J.
Catlin R. H. Co., Wilmington, Del.
Des Moines Sand and Fuel Co., Des Moines, Iowa
Downer S. W., Downer, N. J.
Jackson Sand Mining Co., Jackson, O.
Kiamseni Clay Co., Wilmington, Del.
New England Quartz Co. of N. Y., 150 Nassau, New York
Northern Gravel Co., Muscatine, Iowa
Obermayer S. Co., 2563 W. Chicago, Ill.
Pangborn Corp., Hagerstown, Md.
PETTINOS CHAS. E., 25 Church, New York
Portage Silica Co., Youngstown, O.
Product Sales Co., 32 S Calvert, Baltimore, Md
Squire Edw. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Standard Silicon Co., Ridgway, Pa.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Whitehead Bros. Co., 537 W 27th, New York

12903— Sand (Silica)

Acme Glass Sand Co., Coxville, Ind.
Beach City Silica Sand Co., Beach City, Ohio
Bertolet & Hunter, Temple, Pa.
Bour L. J. Refractories Co., Scranton, Pa.
Brown's Mills Sand Co., in the Pines, Brown's Mills, N. J.
Central Silica Co., Zanesville, O.
Century Fuel Co., 328 W 37th, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Downer S. W., Downer, N. J.
Everhard Co., Massillon, O.
Fox C. M., Ridgeway, Pa.
Franklin Silica Sand Co., Franklin, Pa.
Garden City Sand Co. (Also White), Chamber of Commerce bldg, Chicago, Ill.
Gray Summit White Sand Co., Boatmen's Bank bldg, St. Louis, Mo.
Greenville Silica Co., Greenville, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Hime J. R. Sand Co., Junction City, Ga.
Humphreys E. C. Co., 624 Penobscot, Detroit, Mich.
Illinois Valley Silica Co. (Crushed & Screened), Ottawa, Ill.
International Silica Co., Cairo, Ill.
Jackson Sand Mining Co., Jackson, O.
Kentucky Silica Co., Louisville, Ky.

Kiamseni Clay Co., Wilmington, Del.
Massillon Sand & Stone Co., Massillon, O.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
National Sales & Trading Co., Cleveland, Ohio
National Sand & Stone Co., Niles, O.
New England Quartz Co. of N. Y., 150 Nassau, New York
Ohio Silica Co., East Liverpool, O.
Oliver Silica Sand Co., Massillon, O.
Oneida Lime Co., Ltd., Buffalo, N. Y.
Ottawa Silica Co. (Washed White Flint Sand), Ottawa, Ill.
Pennsylvania Glass Sand Co. (White Rock), 341 4th av, Pittsburgh, Pa.
Perth Amboy Fire Brick Co., 114 Liberty, New York
PETTINOS CHAS. E., 25 Church, New York
Pittsburgh White Sand Co., Farmers' Bank bldg, Pittsburgh, Pa.
Portage Silica Co., Youngstown, O.
Red Wing Filter Sand Co., Red Wing, Minn.
Reynolds E. J. Sand Co. (White), Utica, Ill.
Silican Products Co., Lancaster, Pa.
Sonnhalter Sand & Stone Co., Massillon, Ohio
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Standard Silicon Co., Ridgway, Pa.
Stewart-Peck Sand Co., Amer. Bank bldg, Kansas City, Mo.
Summit Silica Co., Barberton, O.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
U. S. Silica Co. (Washed White Flint Sand), 122 S Michigan av, Chicago, Ill.
Wausau Quartz Co., Wausau, Wis.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.

12904— Sand (Stone Sawing)

Kiamseni Clay Co., Wilmington, Del.
Reynolds E. J. Sand Co., Utica, Ill.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
Utica Fire Sand Co., Utica, Ill.

12905—Sand Towers & Storage Tanks

Link-Belt Co., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa. *See adv index at end of book*
Robertson Wm. & Co. ("Robertson," for Railroad Use; also Sand Dryers), 20 W. Jackson blvd, Chicago, Ill.

12906— Sand Washers

Bonney Supply Co. (Also Gravel), Livingston bldg, Rochester, N. Y.
Dull Raymond W. Co. (Also Gravel), 111 W Washington, Chicago, Ill.
Lewistown Foundry & Machine Co., Lewistown, Pa.
Link-Belt Compjany, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Ransome Concrete Machinery Co., Dunellen, N. J.
Stocker Concrete Material Washer Co. (Also Gravel), Highland, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*

12907—Sand & Gravel Dealers

Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill.
American Sand & Gravel Co., Chamber of Commerce bldg, Chicago, Ill.
American Sand & Gravel Co., Erie, Pa.
Arundel Sand & Gravel Co. (Washed Gravel & Sand), Pier 2 Pratt, Baltimore, Md.
Atlantic Coast Sand Co. (Sea Sand), 24 Stone, New York
Atlas Coal & Supply Co., Binghamton, N. Y.
Atwood-Davis Sand Co. (Producers), 112 W Adams, Chicago, Ill.
Banner Coal & Sand Co., R. I. & Wabash & Euclid, St. Louis, Mo.
Barnes Sand & Gravel Co., Portsmouth, O.
Bay Development Co., 153 Berry, San Francisco, Cal.
Bedford & Nugent (Screened Ohio River), Evansville, Ind.
Biesanz Stone Co., Winona, Minn.
Bos John N., 118 N La Salle, Chicago, Ill.
Boston Sand & Gravel Co., 88 Broad, Boston, Mass.
Brookhaven Gravel Co., Brookhaven, Miss.
Brown Chas. R., Syracuse, N. Y.
Brown-Stone Store Co., Waltonville, Pa.
Buckeye Dredging Co. (Sand & Pea & Roofing Gravel), Kimball & Mitchell, Columbus, O.
Builders' Material Supply Co., Kansas City, Mo.
Bunker G. W. Co., Grand Rapids, Mich.
Burke Andrus Sand Co., Fort Smith, Ark.
Cadillac Sand & Gravel Co., Nicholas bldg, Toledo, O.
California Building Material Co., New Call bldg, San Francisco, Cal.
Carmichael Wm. P. Co., Williamsport, Ind.
Carroll Bros., Ellicott sq, Buffalo, N. Y.
Carroll J. E. Sand Co. (Gravel Pit), White bldg, Buffalo, N. Y.
Cary Sand & Gravel Co., 127 N Dearborn, Chicago, Ill.
Chattanooga Sand & Supply Co., Chattanooga, Tenn.
Chicago Gravel Co., 343 S Dearborn, Chicago, Ill.
Citizens Sand & Gravel Co., Toledo, O.
Cleveland Bldrs.' Supply & Brick Co., Leader News bldg, Cleveland, Ohio
Columbia Granite & Dredging Corp., 3036 K. N W, Washington, D. C.
Concrete Stone & Sand Co., Youngstown, O.
Cook & Laurie Gravel Co., Montgomery, Ala.
De Frain Sand Co., Beach & Berks, Phila., Pa.
Des Moines River Gravel Co., Harvey, Ia.
Des Moines Sand and Fuel Co. (Producers of Washed & Sized, Asphaltic Concrete, Binder, Reinforcing Bitulithic & Roofing Gravel & Bitulithic. Brick Bldg. Concrete & Engine Sand), Des Moines, Iowa
Dick Sand Co., Franklin, Pa.
Do Ville Lake Sand & Gravel Co., Toledo, Ohio
Elliott Cedar River Gravel Co., Seattle, Wash.
Empire Limestone Co., 19 Hudson, Buffalo, N. Y.
Erie Sand & Gravel Co., Erie, Pa.
Evansville Sand & Gravel Co. (Screened Ohio River), Evansville, Ind.
Everett Sand & Gravel Co., Everett, Wash.
Everhard Co., Massillon, O.
Fitzgerald J. W. Co., Savannah, Ga.
Fleming Alfred J., 109 Broad, New York
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Ginn Co., Ironton, O.
Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York
Grant Gravel Co., Flatiron bldg, San Francisco, Cal.
Greenville Gravel Co., Greenville, O.
Guadalupe River Navigation Co. (Washed & Screened), Victoria, Tex.
Halliday H. H., Cairo, Ill.
Harrison Bros. Co., Tacoma, Wash.
Hime J. R. Sand Co. (Producers Asphalt, Brick & Plaster Sand, etc), Junction City, Ga.
Homegardner Sand Co., Sandusky, O.
Hugger Bros. Constr. Co., 910 Bell bldg, Montgomery, Ala.
Humboldt Gravel & Tile Co. (Washed & Screened Sand & Gravel Producers), Humboldt, Iowa
Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
Independent Gravel Co. (Flint Mine Screenings), Webb City, Mo.
Ingram W. T., Jeffersonville, Ind.
Interstate Material Co., Davenport, Ia.
Iron City Sand Co., Bessemer bldg, Pittsburgh, Pa.
Janesville Sand & Gravel Co., Janesville, Wis.
Joliet Sand & Gravel Co., 343 S Dearborn, Chicago, Ill.
Keating J. L. Co., 236 E. 35th, New York
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
Kelley Island Lime & Transport Co. (Washed Sand, etc), Leader News bldg., Cleveland, O.
Kickapoo Sand & Gravel Co., Attica, Ind.
King J. B. & Co., 17 State, New York
King's Crown Plaster Co., Cedar Rapids, Ia.
Kriegshaber V. H. & Son, Candler bldg., Atlanta, Ga.
Lake Erie Sand Co., Sandusky, O.
Lake Shore Sand & Gravel Co., Cuyahoga & W 3d, Cleveland, O.
Land Improvement & Supply Co., H Diamond Bank bldg., Pittsburgh, Pa.
Lawrence Sand Co., New Castle, Pa.
Lorain Sand & Gravel Co., Lorain, O.
Lyman Richey Sand Co. (Sand Only), Omaha, Neb.
Meremec-Portland Cement & Material Co., St. Louis, Mo.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Millwood White Sand Co. (White), Jackson, O.
Milwaukee Sand & Gravel Co., 779 N Water, Milwaukee, Wis.
Missouri Portland Cement Co., Post Dispatch bldg, St. Louis, Mo.
Mont Alto Sand Co., Waynesboro, Pa.
Murray Jos. & Co. (Rockaway White Sand), 263 Av C, New York
Mushet W. E. Co. (Jobbers), 502H Mission, San Francisco, Cal.
Musterfield Sand & Gravel Co., Richmond, Va.
Nassau Sand & Gravel Co., 949 Broadway, New York
New Lexington Sand Co., New Lexington, Ohio
Niles Sand Gravel & Rock Co., 704 Market, San Francisco, Cal.
Northern Gravel Co. (Producers), Muscatine, Iowa
O'Brien Bros., Inc. (Gravel), 54 South, New York
Ogle Bros. (Washed), 3829 10th av, Seattle, Wash.
Ohio River Sand Co., Louisville, Ky.
Ohio & Mich. Sand & Gravel Co., Toledo, Ohio
Oklahoma Supply & Navigation Co., Muskogee, Okla.
Palmyra Sand Co., Palmyra, N. Y.
Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.
Peoples Bros. (Bar, White & Washed), 25th & Callowhill, Phila., Pa.
Perry-Victoria Sand Co., Buffalo, N. Y.
Perth Amboy Fire Brick Co. (Building Sand), 114 Liberty, New York
Petersburg Sand & Gravel Corp., Petersburg, Va.
Phoenix Sand & Gravel Co., 21 E 40th, New York
Pioneer Sand & Gravel Co. (Washed & Screened Sand & Gravel), Seattle, Wash.
Portage Silica Co., Youngstown, O.
Pratt Bldg. Material Co., Hearst bldg, San Francisco, Cal.
Rapp A. C. Co., Phillipsburg, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Richardson Sand Co., 6647 Ridge av, Chicago, Ill.
Ridgeview Sand Co., Oil City, Pa.
River Sand Co., Niagara Falls, N. Y.
Rock Island Sand & Gravel Co., Rock Island, Ill.
Rodgers Sand Co., Wood & Water, Pittsburgh, Pa.
Rosser Chas., Bellaire, O.
Savage-Scofield Co., Tacoma, Wash.
Seattle Sand & Gravel Co., Seattle, Wash.
Sherman-Moore Co., Lowell, Mass.
Silver Creek Sand Co., Silver Creek, N. Y.
Slider E. T. (Engine, Furnace, Concrete & Brick Sand and Concrete & Roofing Gravel), New Albany, Ind.
Smith Clarence L. Co., 30th & 11th av, New York
Somerset Stone Co., Johnstown, Pa.
Southern Paving Gravel Co., Savannah, Ga.
Southern Sand & Gravel Co., Richmond, Va.
Spinks Harry C., Newport, Ky.
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Standard Silicon Co., Ridgway, Pa.
Star Sand Co., Board of Trade bldg, Portland, Ore.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
Stewart Sand Co., 615 Amer. Bank bldg, Kansas City, Mo.
Superior Sand Co., Guardian bldg., Cleveland, O.
Tecumseh Gravel Co., Tecumseh, Mich.
Thompson Warner R., Kerr bldg., Detroit, Mich.
Trenton Sand & Gravel Co., Trenton, O.
Toledo Builders Supply Co., Spitzer bldg, Toledo, Ohio
U. S. Coal, Gravel & Sand Co., Baton Rouge, La.
Utica Fire Sand Co. (Furnace, Glass, Molding, Core, Sawing & Washed Fire Sand), Utica, Ill.
Valentine & Co., Asheville, N. C.
Vanderbilt, E. D. Co., Hoboken, N. J.
Warner Chas. Co. (Dredge & Shipper), I. O. O. F. bldg, Wilmington, Del.
Washed Sand & Gravel Co., Superior blvd. & City Limits, Minneapolis, Minn.
Waterbury Sand & Gravel Co., Waterbury, Conn.
Waukesha Lime & Stone Co., Racine, Wis.
Waupaca Sand & Gravel Co. (Washed), Waupaca, Wis.
Webster Sand, Gravel & Construction Co. (Gravel Pit, etc), Lanesville, La.
Whidby Is. Sand & Gravel Co., Bellingham, Wash.
Whitehead Bros. Co., 537 W 27th, New York
Willapa Harbor Sand & Gravel Co., Raymond, Wash.
Wilson Sand & Supply Co., Huntington, W. Va.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.
Yahola Sand Co., Muskogee, Okla.

12908-9—Sand & Gravel Heaters & Dryers

See also Dryers, Various Kinds

American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William, New York
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Coatesville Boiler Works, Coatesville, Pa.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
Dover Boiler Works; Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dyar Supply Co. ("Dyar"), Cambridge, Mass.
See adv index at end of book

DYAR PORTABLE SAND, STONE & GRAVEL HEATER
CUTS COST OF HEATING & DRYING 50%

Fox Bros. & Co., 126 Lafayette, New York
Handlan-Buck Mfg. Co. ("Champion"), 210-14 N 3d, St. Louis, Mo.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Honhorst Joseph Co. (Portable Gravel Dryers), 1016 W 6th, Cincinnati, O.
Indiana Foundry Co. ("Sutton" Dryer), Indiana, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

SAND & GRAVEL HEATERS & DRYERS —continued
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Pangborn Corp., Hagerstown, Md.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Punxsutawney Foundry & Machine Co. (Sand Dryers), Punxsutawney, Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Roberts & Schaefer Co. ("Beamer" Steam), 332 S Michigan av, Chicago, Ill.
Robertson Wm. & Co. (Dryers), 20 W Jackson blvd, Chicago, Ill.
Ruggles-Coles Engineering Co. (Dryers), 50 Church, New York
Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Vissering Harry & Co. ("Vilvco"), 14 E Jackson blvd, Chicago, Ill.
Wellington Machine Co., Wellington, O.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.
See adv index at end of book

Sand & Gravel Plants (Complete)

See Sand Handling Plants

12910— Sandals (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

12911— Sanders (Car)

Nichols-Lintern Co. (Electric), 8404H Lorain av, Cleveland, Ohio
Ohio Brass Co., The, Mansfield, Ohio
See adv index at end of book

12912—Sap Stain Preventive

Church & Dwight Co. ("Zenith," Anti-Sap Stain Powder), 27 Cedar, New York
Mathieson Alkali Works ("Eagle," "Thistle Brand" for Prevention of Sap-Stain or Bluing of Timber), 53 Canal, Providence, R. I.

12913— Saponifier

Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.

12914— Sash Balance Mfrs.

Caldwell Mfg. Co., Rochester, N. Y.
Coleman Hardware Co. ("The Shumard"), **122 S Michigan av, Chicago, Ill.**
Columbian Hardware Co., Cleveland, O.
Edwards O. M. Co., Inc. (Railroad Car Sash Balance Rollers), Syracuse, N. Y.
Gardner Sash Pulley Co., 15 N Jefferson, Chicago, Ill.
McCord Mfg. Co. (For Car Windows), 2587 E Grand blvd, Detroit, Mich.
National Lock Washer Co., 65 Johnson, Newark, N. J.
Pullman Mfg. Co. ("Pullman" Unit Sash Balances), Rochester, N. Y.
Stearns E. C. & Co. ("Vanderbilt") 450 Oneida, Syracuse, N. Y.
Steiner & Voegtly Hdw. Co., 230 Diamond, Pittsburgh, Pa.

12915—Sash Bars (Wood & Metal Combined)

Coulson J. W. & Co., Columbus, O.

12916— Sash Bolt & Support

Smith & Egge Mfg. Co. ("Kings"), Bridgeport, Conn.
Stolz Jos. & Son, Inc. (Supports), 841 E 136th, New York

12917—Sash Bolts (Ventilating)

Gardner Sash Pulley Co., 15 N Jefferson, Chicago, Ill.

12917a—*Sash Cord Mfrs. (Steel)

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

12918—Sash Cord Mfrs. (Steel Wire)

AMERICAN STEEL & WIRE CO., (Tinned & Coppered), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, O.

12919—Sash, Door & Blind Mfrs.

Firms who have no mark in front of Names and also those indicated by (*) Star are Manufacturers; those indicated by a (†) Dagger are Dealers

ALABAMA.

BIRMINGHAM—Jenkins Lumber Co.
CULLMAN—*Arnold Casper & Son
FLORENCE—Muscle Shoals Lumber Co.
GADSDEN—*Southern Mfg. Co.
MOBILE—*Turner F. C. & Co.

ARIZONA.

PHOENIX—Southwestern Sash & Door Co.
TUCSON—*Arizona Lumber & Mill Co.

ARKANSAS.

BRINKLEY—*Brinkley Car Works & Mfg. Co.
FORT SMITH—*Dyke Bros.
*Kenney Bros. (Wholesale)
*Mechanics Planing Mill Co.
LITTLE ROCK—Abeles C. T. & Co.

CALIFORNIA.

ALAMEDA—*Plummer Geo. E. & Son
ANTIOCH—Antioch Lbr. Co.
BAKERSFIELD—*Union Lumber Co.
BERKELEY—*Bruce Lumber & Mill Co.
EUREKA—*Eureka Sash, Door & Moulding Mills
FORTUNA—Humboldt Milling Co.
FRESNO—*Madary's Planing Mill
HEMET—Spaulding H. H.
HOBART MILLS—*Sierra Nevada Wood & Lumber Co. (Wholesale)
LONG BEACH—Dillman I. M.
LOS ANGELES—*Builders Supply Co
*California Door Co., 237 Central av
*California Planing Mill & Lumber Co.
Consolidated Lumber Co., Watts
*Crown Sash, Door & Mill Co., 2416 McPherson
Graves Frank, Sash, Door & Mill Co.
Kerckhoff-Cuzner Mill & Lumber Co., 560 S Main
*Los Angeles Planing Mill Co.
*Pacific Coast Planing Mill Co., 3310 S Main
*Pacific Sash & Door Co., 3310 S Main
Raphael H. Co. (Wholesale Dealers)
*Southern California Hardwood & Mfg. Co., 1430 S Alameda
*Standard Door & Sash Co., 830 McGarry
NAPA—*Coriett Planing Mill Co.
OAKLAND — *Burnham-Standeford Co., Wash'n c 1st
*California Door Co., c 16th & Wood
Pacific Coast Lumber & Mill Co. (Redwood & Oregon Pine, etc.), 2d c Grove
PASADENA—Kerckhoff-Cuzner Lumber Co.
*Pasadena Mfg. Co.
PETALUMA—Camm & Hedges Co.
PLACERVILLE—Beach S. G. & Sons
SACRAMENTO—*Burnett & Son
Sacramento Builders' Supply Co.
Sacramento Lumber Co.
Sacramento Planing Mill & Furniture Co.
SAN DIEGO—*Russ Lumber & Mill Co.
SAN FRANCISCO—California Door Co. (Wholesale Mfrs.), 43 Main
California Mill Co., 645 Bryant
California Sugar & White Pine Co., 1st Nat'l Bank bldg
Eureka Sash, Door & Moulding Mills, 1715 Mission
Hammond Lumber Co. (Wholesale Mfrs.), 260 California
National Mill & Lbr. Co., 318 Market
Sierra Nevada Wood & Lumber Co.
Wilson Bros. & Co., 110 Market
SAN JOSE—*Chase S. H. Lumber Co.
Hubbard & Carmichael Bros.
*Santa Clara Valley Mill & Lumber Co. (Wholesale)
SANTA ANA—Griffith Lumber Co.
Pendleton S. H. Lumber & Mill Co.
SANTA BARBARA—Union Mill Co.
SANTA CLARA—Pacific Mfg. Co. (Wholesale Mfrs.)
SANTA ROSA—Berka F.
STOCKTON—Simpson Gray Lumber Co.
Stockton Lumber Co.
WEED—*Weed Lumber Co. (California White Pine)

COLORADO.

COLORADO SPRINGS—Newton Lumber & Mfg. Co.
DENVER—English R. W. Lumber Co.
Hallack & Howard, Lumber Co.
McPhee & McGinnity Co.
GLENWOOD SPRINGS—Glenwood Lumber & Mfg. Co.
PUEBLO—King Investment & Lumber Co.
Newton Lumber & Investment Co.

CONNECTICUT.

BRIDGEPORT—Burritt A. W. Co., Knowlton & Arctic
Miller Frank Lumber Co.
DANBURY—Armstrong I. & Co.
Foster Bros.
GREENWICH—Greenwich Sash & Door Co.
HARTFORD—Andrews & Peck Co.
MERIDEN—Morehouse Bros. Co.
MIDDLETOWN—Loewenthal Gustav Co.
NEW BRITAIN—Rogers Sash & Door Co.
NEW HAVEN—Clark David H. Co., 166 Brewery
†Connecticut Sash & Door Co., 248 Park
Gibbud M. J. Co., 107 Water
Hawthorne Lewis Co.
Sperry & Amos Co.
NORWALK—*Malkin A. R. & Co.
†Thompson Frederick W. Co.
NORWICH—†Chappel Edw. Co.
Crowell Fred C.
PUTNAM—Wheaton Building Lumber Co.
STAMFORD—St. John Wood Working Co.
TORRINGTON—*Hotchkiss Bros. Co.
WATERBURY—Brass City Lumber Co.
Smith J. E. & Co., 65 Benedict
Waterbury Lumber Co., 107 Meadow
WILLIMANTIC—†Hillhouse & Taylor

DELAWARE.

DOVER—Hartnett J. A. & Bro.
GEORGETOWN—Thoroughgood Co.
WILMINGTON—Basic Mfg. Co.
*Wilmington Sash & Door Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th & G., N W
Barker Geo. M., 649 N. Y. av, N W
Crupper Jos. L., 13th & Ohio av, N W
Dyer William H., 13th c Ohio, N W
Smith Thos. W., 1st & Indiana av, N W
Washington Woodworking Co., 200 12th, N W

FLORIDA.

APALACHICOLA—*Marshall John & Co.
GREENVILLE—Union Mfg. Co.
JACKSONVILLE — Halseman Julian C. Mfg. Co.
PALATKA—Selden Cypress Door Co. (Wholesale Mfrs.)
PLANT CITY—Roux E. T. & Son

GEORGIA.

AMERICUS—Americus Construction Co.
ATLANTA—*Phoenix Planing Mill
†Williams S. A. Lumber Co.
AUGUSTA—Augusta Lumber Co.
BURNT FORT—Buie J. C.
CARROLLTON—*New D. F.
CARTERSVILLE—Shaw L. F. & Sons Co.
CEDARTOWN—Hightower Planing Mill
COLUMBUS — Columbus Iron Works (Wholesale Mfrs.)
Dudley Sash, Door & Lumber Co.
Harvey W. T. Lumber Co.
CORDELE—Cordele Sash, Door & Lumber Co.
DALTON—Cherokee Mfg. Co.
Farrar Lumber Co.
DUNWOODY—Cheek J. U.
EAST POINT—East Point Lumber Co.
GRIFFIN—Gresham Mfg. Co.
McDONOUGH—Carmichael Lumber Co.
MACON—Central Mfg. Co.
Massee & Felton Lumber Co,
Willingham Sash & Door Co.
MARIETTA—Black Builders Supply Co.
NEWMAN—Cole R. D. Mfg. Co.
POPE'S FERRY—Dixie Lbr. Co.
ROME—Marshall Mfg. Co.
THOMASVILLE—Kirby Planing Mill Co.
WASHINGTON—Washington Mfg. Co.
WEST POINT—Batson-Cook Co.

IDAHO.

BOISE—Goreczky A.
Ridenbaugh W. H.
COEUR D'ALENE—Blackwell Lumber Co.

ILLINOIS.

ALTON—*Ginter-Wardein Co.
Winter H. L. Mfg. Co.
ANNA—Anna Lumber & Mfg. Co.
AURORA—Johns & Brown Co.
BELLEVILLE—Storck Geo. & Son
Teufel-Kloess Co.
BLOOMINGTON—*Minter Mfg. Co.
*White Sam'l R. Mfg. Co.
CHICAGO—*Anderson & Lind Mfg. Co., 2127 Iowa
Avondale Sash & Door Co., 3515 Belmont av
Bahe, Edward J 2340 Nelson
Bartelmann R. W. Co., 910 Weed
Behrer & Benson, 1545 E 63d
Bleck Wm. F. Co., 1846 N Lamon av
*Builders' Mfg. Co., 828 N Wells
Builders' Supply Co., 2228 W Madison
†Bursik & Krupka Co., 1919 S Fairfield av
Cairo Wood Products Co., 11 S La Salle
California Mfg. Co., 2243 S Troy
Chicago Millwork Supply Co. (Wholesale), 1404 W 37th
*Chicago Sash, Door & Blind Mfg. Co., 1249 W North av
*Commercial Sash & Door Co., 4914 S Paulina
Cottage Grove Mfg. Co., 3912 Langley av
*Dietsch A. Co., 2640 Sheffield av
*Dlouhy Vincent Sash & Door Co., 2138 Lafin
†Dodge H. B. & Co., 332 S Mich. av
Ehrhart Louis & Son, 2415 Fullerton av
*Englewood Sash & Door Co., 5935 Lowe av
Filer Edw. T., 5503 Wash. bl
Filip Meydrech & Co., 1420 W 21st
†Freese F. E., 3925 Armitage av
*Gardner Mill Co., 2415 Elston av

*Gauger John A. & Co. (Wholesale Mfrs.), 1434 W 22d
Gillespie Jno. Lumber Co., W 22d & Laflin
Gisselbrecht & Sator, 2025 N Mozart
Gosch Bros. & Sons, 6436 Wentworth av
*Harty Bros. & Harty Co., 2100 Loomis
Hegener Rudolph Co., 9246 Harbor av
Heitmann Lumber Co., 5852 S Ashland av
Hess Frank & Sons, 2339 N California av
Hines Edw. Lumber Co., 2431 S Lincoln
Irving Park Sash & Door Co., 4254 N Crawford av
Johnson Jno. L., 4250 Lincoln av
King Patrick J., N Crawford av & Bloomingdale
Kraetzer Co., 1034 W 22nd
*Lockwood & Strickland Co., 49th & Halsted
McEwen Building & Mfg. Co., 828 Wells
McKay Angus Co., 724 S Desplaines
Manhattan Lumber Co., 8338 Coml. av
Melrose Mill Co., 2707 Clybourn av
*Morgan Sash & Door Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters), 2287 Blue Island av
Morris Wm. & Sons Co., 1000 W 50th
North Side Sash & Door Co., 69 W Washington
North Shore Building Materials Co., 1237 Belmont av
Paine Lumber Co. (Ltd.), 111 W Wash
Peterson C. E. Co., 4914 Wentworth av
Pilsen Sash & Door Co., 2926 W 26th
Radford Sash & Door Co., 1827 Prairie av
Ringwald F. A., 39 S La Salle
*Rinn Philip Co., 719 W Division
Rittenhouse & Embree Co., 3500 S Racine av
***ROBERTS SASH & DOOR CO., 920 W 20th**
Scheldt Mfg. Co., 4433 N Crawford av
Schroth & Ahrens Co., 1534 S Halsted
Schultz Alfred F., 10220 Vinc av
*Skowronski W. J., 8201 Colfax av
South Side Interior Finish Co., 5837 Laflin
*Standard Sash & Door Co., 5809 S Racine av
Struthers Mill Co., 3345 Grand av
Ullrich August G., 3864 Archer av
Union Interior Finish Co., 5319 S La Salle
*Von Platen & Dick Co., 2248 W Kinzie
Wabash Screen Door Co., 72 W Adams
Wheelock Lumber & Mfg. Co., 1751 N Maplewood av
Whitmore O. S. & Co., 850 N Spaulding av
Wilborn Jas. Jr., 2700 W Superior
Wilson Jas. G. Mfg. Co., 332 S Mich. av
Wright Chas. O., 3368 Elston av
DANVILLE—Lamm Edw. C.
DECATUR—Decatur Lumber & Mfg. Co.
Lyon Geo. S. & Sons Lumber & Mfg. Co.
ELGIN—*Rinehimer Bros. Mfg. Co.
FREEPORT—*Dirksen R. D.
HOOPESTON—Hoopeston Planing Mill Co.
JACKSONVILLE—Crawford Lumber Co.
JOLIET—*Alexander M.
Hacker C. Co.
Joliet Sash & Door Co.
KANKAKEE—Paulissen Mfg. Co.
LA SALLE—Hunter, Stevens & Co.
LINCOLN—Hungerford P. B.
MOLINE—Dimock, Gould & Co.
NAPERVILLE—Schwartz Charles L.
NORMAL—Metcalf E. J.
NORTH AURORA—Hartsburg & Hawksley Co.
OAK PARK—Bedard & Morency Mill Co.
OTTAWA—Sanders Bros. Mfg. Co.
Sinnott Bros.
PEKIN—Conklin-Reuling Co.
PEORIA—Best Mfg. Co.
Rogers Jas. T. & Co.
Rothan Geo. J.
Todhunter & Edmondson Co.
Wahlfeld Mfg. Co.
PERU—Maze W. H. Co.
QUINCY—Menke-Grimm Planing Mill Co.
Schutte Henry Sons
ROCKFORD—Rockford Builders' Supply Co.
ROCK ISLAND—Rock Island Sash & Door Works
Rock Island Wood Works
Volk Jno. & Co.
SPRINGFIELD—Power Chas. A.
STREATOR—Schlachter Philip Jr.
WAUKEGAN—Dow William H. Mfg. Co.
WEST CHICAGO—West Chicago Sash & Door Mfg. Co.

INDIANA.

ANDERSON—Atherton M. Sons
Salling N. P.
BERNE—Berne Lumber Co.
Gilliom Lumber Co.
BLOOMINGTON—Fulwider W. A. Co.
Lanum S. O. Planing Mill Co.
BOONVILLE—White C. P. Lumber Co.
BRAZIL—Halstead J. N. Lumber Co.
Wilder E. D. & Co.
BROOKVILLE—Fieber & Holmes
CANNELTON—Cannelton Planing Mill Co.
COLUMBUS—Dunlap & Co.
Hege & Co.
CRAWFORDSVILLE—Smith & Duckworth
DECATUR—Kirsch Peter
ELNORA—Meicheimer G. T.
EVANSVILLE—Cottage Building Co.
Evansville Planing Mill Co.
Evansville Sash & Door Co. (Wholesale Mfrs.)
McFerson & Foster Co.
Mechanics' Planing Mill Co.
Rechtin T. E.
FORT WAYNE—*Fort Wayne Builders Supply Co.
Fort Wayne Lumber Co.
Rhinesmith & Simonson
FRANKFORT—Deming & Thompson Co.
Kramer Bros. Co.
GARRETT—Allman N. R. & Sons
GOSHEN—Goshen Sash & Door Co.
GREENCASTLE—Grubb Geo. W.
HUNTINGTON—Kenower John & Sons
INDIANAPOLIS—Adams-Rogers Co.
*Balke & Krauss Co.
Brannum-Keene Lumber Co.
Capitol Lumber Co.
Carter-Lee Lumber Co., 1621 W Washington
*Dynes-Pohlman Lumber Co.
Eaglesfield & Shepard
Foster R. S. Lumber Co.
Indianapolis Mfrs' & Carpenters' Union
†Maas-Neimeyer Lumber Co.
Wilkinson Allen A. Lumber Co. (Wholesale Mfrs.)
JASPER—Schaaf & Schnaus Mfg. Co.
KOKOMO—Armstrong, Landon Co.
*Moore & Danner
LADOGA—*Huntington & Son
LAFAYETTE—*Lafayette Lumber Co.
LA PORTE—*La Porte Sash & Door Co.
LEBANON—Campbell-Smith-Ritchie Co.
LEWISVILLE—Smith R. R. Sons
LOGANSPORT—Parker & Johnston
MICHIGAN CITY—Root Mfg. Co.
NORTH VERNON—*Miller J. H.
PRINCETON—Ford Lumber Co.
RICHMOND—Advance Co.
Louck & Hill Co.
SEYMOUR—Carter, Travis Co.
Seymour Planing Mill Co.
SOUTH BEND—Donahue J. E. Lumber Co.
Eckler Henry Mfg. Co.
Indiana Lumber & Mfg. Co.
McErlain & Jackson Co.
TELL CITY—*Tell City Planing Mill
TERRE HAUTE—Kintz P. C. & Sons
VALPARAISO—*Bell E. A.
WABASH—Smith Hubbard Lumber Co.
WARSAW—Peterson Lumber Co.
WASHINGTON—Cosby Overton M.
*McKernan Hugh

IOWA.

BOONE—Wester S. J. Mfg. Co.
BURLINGTON—Nairn, Gillies Co. (Wholesale Mfrs.)
CALMAR—Calmar Mfg. Co.
CEDAR FALLS—Weisbard C. C.
CEDAR RAPIDS—Cedar Rapids Sash & Door Co.
Disbrow Sash & Door Co. (Wholesale Mfrs.)
Williams & Hunting Co. (Sash & Mouldings)
CHARLES CITY—*Smith George P. Co.
CLINTON—Curtis Bros. & Co. (Wholesale)
DAVENPORT—Gordon, Vantine Co.
*McClelland T. W. Co. (Sash & Doors Only)
DES MOINES—Carr & Baal Co. (Wholesale Mfrs.)
Loetscher & Burch Mfg. Co.
DUBUQUE—*Carr-Ryder & Adams Co. (Whol.)
Farley & Loetscher Mfg. Co. (Wholesale Mfrs.)
Metz Mfg. Co.
KEOKUK—Carter Mfg. Co.
LYONS—Disbrow M. A. & Co.
MUSCATINE—Huttig Mfg. Co. (Wholesale)
*Roach & Musser Co. (Wholesale Mfrs.)
OTTUMWA—*Snook & Sons
SIOUX CITY—Carlson John L.
*Curtis Sash & Door Co. (Wholesale Mfrs.)
National Wood Works
Soiset Bros.
Turlack & Crookham
WATERLOO—Nauman Co.

KANSAS.

ATCHISON—Carlise-Pennell Lumber Co.
Kaaz Mfg. Co.
FORT SCOTT—Ireland & Rollings
HUTCHINSON—Hutchinson Lumber & Planing Mill Co.
*Snyder Co.
INDEPENDENCE—Atchinson Revolving Door Co., Dept. H
Uhrich Mill Work Co., Dept. H
LEAVENWORTH—Goodjohn Sash & Door Co.
TOPEKA—*Central Sash & Door Co.
WICHITA—*United Sash & Door Co.
*Wichita Sash & Door Co.

KENTUCKY.

BOWLING GREEN—*Kister F. L., Jr.
Roemer Bros.
COVINGTON—Brownfield J. A., 33 W 8th
Hellman Jas. A., 33 W 8th
HENDERSON—Johnson P. P. & Son
HOPKINSVILLE—*Forbes Mfg. Co.
LEXINGTON—Jackson J. T. Lumber Co.
*Spotswood E. R. & Son
LOUISVILLE—*Central Planing Mill & Lumber Co.
Fry Planing Mill Co.
†Hughes W. J. & Sons Co.
*Struck Alfred Co. (Wholesale Mfrs.)
MOUNT STERLING—Star Planing Mill Co.
NEWPORT—*Voss Frank
*Weingartner's Joseph Sons

LOUISIANA.

LAKE CHARLES—Lake Charles Planing Mill Co., Ltd.
Hayslip & Dear
LUTCHER—*Lutcher & Moore Cypress Lumber Co. (Ltd.) (Wholesale Mfrs.)
NEW IBERIA—*Trainor's O. J. Son
NEW ORLEANS—*Algiers Sash & Planing Mill, 429 Patterson
Allied Building Council Sash & Door Div., 826 Perdido
*American Mfg. Co., 2101 Louisiana
*Berwick Lumber Co. (Ltd.), Clio & Freret
Claiborne Avenue Sash Factory Co., 2460 N Claiborne
*Crescent City Mfg. Co. (Ltd.), 628 Tchoupcialize
*Lagasse Paul, 826 9th
*National Sash & Door Co., N Dupre & Toulouse
PATTERSON—Riggs Cypress Co. (Ltd.) (Cypress) (Wholesale Mfrs.)
SHREVEPORT—*Allen Mfg. Co. (Ltd.)
*Hardman C. C. Co.
Roberts-Brown Lumber Co. (Ltd.)
Victoria Lumber Co. (Ltd.)
WEST MONROE—West Monroe Mfg. Co. (Ltd.)

MAINE.

BATH—*Passmore H. T.
BELFAST—*Durham J. C. Co.
*Mathews Bros.
CAMDEN—*Camden Lumber Co.
DEXTER—Eldridge Bros.
PORTLAND—†Brown Co.
†Farnham H. F. Co.

MARYLAND.

BALTIMORE—Baltimore Lumber Co., 1131 Watson
*Balto Sash & Door Co. (Wholesale Mfrs.), Howard & West
*Dorsey Wm. C., Highland av & Phila. rd
†Foster James P. & Co., 115 S Frederick
Gilbert J. L. & Bro. Lumber Co., East Falls & Eastern av
Hanneman Aug., Milton av & Monument
Heise & Bruns Mill & Lumber Co., 600 S Caroline
†Keen W. F. & Co., 4317 York rd
Lafayette Mill & Lumber Co., Lafayette av & P. B. & W. R. R.
Mottu Theo & Co., 1022 Penna av
Scherer Wm. C. & Co., 810 W Balto.
Short John H. & Sons, 5 Uhler
Thomas Jos. & Son, 836 Leadenhall
Tinley Bros. Co., Bush & Nanticoke
Wagner Lewis Co., Wolfe & Thames
Waters Geo. E. & Co., 922 Park av
CHESTERTOWN—*Culp W. S. & A. M.
CUMBERLAND—†Cumberland Sash & Door Co.
ELKTON—†Keys & Miller Lumber Co.
FREDERICK—Bowers W. D. Lumber Co.
Wilcoxon & Brown
HAGERSTOWN—Danzer Lumber Co.
HAVRE DE GRACE—†Dubois Jno. E.
LAUREL—†Shaffer C. F. Lumber Co.
LUKE—*Sigler Wm. T.
SALISBURY—*Adkins E. S. & Co.
Salisbury Woodworking Co.
†Williams L. E. & Co.
SNOW HILL—†Corddry Co.

MASSACHUSETTS.

ADAMS—†Arnold Wm. H.
†Holden M. J. Lumber Co.
ATHOL—*Raymond Alfred J.
*Tyler A. F. Co.
AYER—†Phelps Levy W.
BARRE PLAINS—*Rich T. E. Co.
BOSTON—*Brockway-Smith Corp., 98 Canal
†Carlisle-Ayer Co., 42 Washington, N
†Carlisle E. A. & Pope Co., 98 Canal
*Chapman H. B. Co., 81 Bristol
*Cutter & Smith Co., 2176 Washington, Rox
*D'Arcy & Sons Co., 61 Washington, N
†Ellms H. E. & Co., 22 Washington, N
*Farrell C. H. & Co., 6 Northampton
†Hastings A. W. & Co., 134 Friend
†Jackson & Newton Co., 105 Portland
*Johnson Thos. J. & Co., 896 Washington
*Newton F. C., 57 Bristol
***STEARNS A. T. LUMBER CO.**, 100 Taylor, Boston, Mass.
See adv index at end of book
*West End Sash Co., 51 Beverly
BROCKTON—Mitchell Isam & Co.
†Taunton Lumber Co.
CLINTON—*Fuller Wm. A.
†Howe N. L.
FALL RIVER—†Borden, Cook & Co.
†Neill, J. C. Hardware Co. (Dealers)
†Prosser Wm. & Son

MASSACHUSETTS—continued
FITCHBURG—†Lawrence Harry A. & Co.
*Priest C. A. Lumber Co.
†Webber Lumber & Supply Co.
GARDNER—Favor Frank M.
GLOUCESTER—†Nauss L. B. Sons
HAVERHILL—†Chase D. D. Lumber Co.
†McGratty & Wheeler
HINGHAM—Whitney Everett E.
HOLYOKE—*Ely Lumber Co.
*Merrick Lumber Co.
*Ranger Casper Lumber Co.
HUDSON—†Robertson & Larkin
HYDE PARK—*Hodkinson J. & Son
LAWRENCE—*Briggs & Allyn Mfg. Co.
†Lawrence Lumber Co.
LOWELL—†Bennett J. C.
*Pratt Amasa Co.
LYNN—*Brockway-Smith Corp'n
†Hutchinson Lumber Co.
MALDEN—†Kaulbach W. S.
§Malden City Lumber Co.
MARBLEHEAD—*Bowden Thos. J. & Son
MIDDLEBORO—†Sears Lumber Co.
NATICK—Fiske Corp.
NEW BEDFORD—*Blossom Bros.
*Greene & Wood
†Nicholson John G.
†Sherman James L.
NORTH ADAMS—*Dibble (The), S. B. Lumber Co.
NORTHAMPTON—†Merrick Lumber Co.
PITTSFIELD—†Berkshire Lumber Co.
*Blakeslee Lumber Co.
*Faulkner Lumber Co.
†Ferry C. S. & Son
PLYMOUTH—†Atwood Robbins Lumber Co.
PROVINCETOWN—†Dyer B. H. & Co.
SOMERVILLE—†Davenport-Brown Co.
SOUTH HADLEY—*Howard, Gaylord & Co.
SOUTH HADLEY FALLS—†Street Lumber Co.
SPRINGFIELD—†Decker E. S.
*Hampden Lumber Co.
*Walker T. M. Co.
TAUNTON—†Sanders Lumber Co.
*Williams A. G. & Co.
TURNERS FALLS—†Bartlett Joseph F.
WAREHAM—†Gifford Prince
WEBSTER—†Pattison Louis E.
WESTFIELD—†Merrick Lumber Co.
WILLIAMSTOWN—†Moore Fred'k E.
WORCESTER—Adams & Powers Co.
Hatch & Barnes Co.
Stevens F. O.

MICHIGAN.

ALBION—†Wilder S. A. & Son
ALPENA—*Gebhardt, Morrow & Co.
ANN ARBOR—Luick Bros. & Co.
BATTLE CREEK—†North & Strong Lumber Co.
*Rathbun & Kraft Co.
BAY CITY—*Lamont Matthew Sons Co.
Lewis Mfg. Co.
Wolverine Lumber Co.
BIG RAPIDS—*Jones & Green
BRIGHTON—†Hyne F. T. & Son
CADILLAC—Cadillac Lumber Co.
Haynes Bros. Co.
CALUMET—*Armstrong-Thielman Lumber Co.
CHARLEVOIX—*Charlevoix Lumber Co.
CHEBOYGAN—*Cheboygan Mfg. Co.
COLDWATER—†Pollock S. & Son
DETROIT—Armstrong A. R., 148 W Kirby
*Beyster John, 875 W Fort
De Man Bros. Co., 416 Maybury av
Frohlich Glass Co., Larned & Shelby
*Huebner Mfg. Co., 1728 Mt. Elliott
*Hurd W. F. Co., 200 Campbell av
*Japes Frank Co., 8th & Plum
*Kotcher C. W., 649 Gratiot av
*Lowrie & Robinson Lumber Co., 2569 Jefferson av W
*Munroe Wm. Co., 994 Scotten av
*Sibley F. M. Lumber Co., Kercha'l & Beaufault
Sisman Andrew Co. Co., 1221H Beaufait av
Southwick-Penn-McFate Co., 5222H St. Jean
*Weber J. F. & Co., 304 Gratiot av
FLINT—†Randall Lumber & Coal Co.
FOSTER CITY—*Morgan Lumber & Cedar Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters)
GRAND RAPIDS—Edge Benj. F.
Grand Rapids Lumber Co. (Wholesale Mfrs.)
Jeltes, Stuek & Sons
Letellier F. & Co.
Stiles Bros. Co.
HARBOR BEACH—*Wellock Robinson
HOUGHTON—*Pryor James & Son
IRON MOUNTAIN—†City Lumber Yard
KALAMAZOO—*Dewing & Sons
LANSING—*Rikerd Lumber Co.
LUDINGTON—†Cartier A. E. Sons Co.
*Widmark H. P. & Son
MARCELLUS—*Moover H. J.
MARINE CITY—†Zimmerman Bros.
MARQUETTE—Consolidated Fuel & Lumber Co.
MENOMINEE—†Gibout L. E.
*Kartheiser Frank
MONROE—†Beck C. F. & Son Co.
MUSKEGON—*Langeland Mfg. Co.
NADEAU—*Jean Augustine
OWOSSO—†Sturtevant & Blood Co.
PAW PAW—Free & Mutchler
PONTIAC—Pontiac Planing Mill Co.
Slater Construction Co.
PORT HURON—†Boyce Hardware Co.
*Home Mfg. Co.
ST. CLAIR—*Mills N. Lumber Mfg. Co.
ST. JOSEPH—†Wallace Jno. Sons Co.
SAGINAW—Booth & Boyd Lumber Co.
Hardin Co.
Jackson Thos. & Co. (Ltd.)
Mershon John D. Lumber Co.
Polson Wm. & Co.
SAULT SAINTE MARIE—*Lock City Mfg. Co.
SEBEWAING—*Sebewaing Lumber & Mfg. Co.
SHELBY—†Rankin A. J.
SPRINGPORT—†Hoag & Houseman
TRAVERSE CITY—*Greilick Mfg. Co.
WALDRON—*Abbaduska E. T.

MINNESOTA.

ADRIAN—†Shull J. & W. C.
BLOOMING PRAIRIE—†Solberg A. Lumber Co.
CLOQUET—*Cloquet Lumber Co.
†Loisel Jos.
*Northern Lumber Co.
DULUTH—Baxter Sash & Door Co.
Duluth Lumber Co.
Scott-Graff Lumber Co. (Wholesale Mfrs.)
*Wallinder E. G.
*Woodruff Lumber Co.
FERGUS FALLS—*Fergus Mfg. Co.
FRANKLIN—†Hauser Lumber Co.
MINNEAPOLIS—*Bardwell-Robinson Co., 24th av N & 2d
Bruer Bros. & Co., 2836 Lyndale av S
*Carlson Aaron, 15th av, nr Central av
Carr-Cullen Co., 10th av N E & Marshall
Fulton C. K. & Co., 1428 2d N
Hennepin Sash, Door & Lumber Co., Emerson av & 29th
*Johnson H. S. Co., 18th av cor Marshall
Johnson M. L. & Sons, 18th av N E & Marshall
*Kuhn Sash & Door Co., 204 N E 7th
Lawson & Nelson Sash & Door Co., 160 Western av, Minneapolis, Minn.
Luce Bros., 214 19th av N
†McDonald John F. Lumber Cor Lumber Exchange
*Minneapolis Sash & Door Co., 962 Central av N E
Nicollet Sash & Door Co., 2900 Nicollet av
†North Side Sash & Door Co., 2328 N 2d
Radford & Wright Co., 528 Lumber Exchange
Ross H. W. Lumber Co.
*Simonson Bros. Mfg. Co., 1713 S 7th
Smith Sash & Door Co., 112 E Lake
*Smith & Wyman Co., 2d av & 8th
*Union Sash & Door Co., 213 S 8th
Wheeler-Osgood Co., Security bldg
*Wilcox Bros. Lumber Co., 930 Marshall N E
MORRIS—†Jones Edw. J. Lumber Co.
RED WING—*Betcher Chas. Lumber Co.
ROCHESTER—†Dodge Lumber & Fuel Co.
ST. CLOUD—Dunnewold & Sartell
Foltmer Peter M.
*Wright F. M.
ST. PAUL—*Brooks Bros., 1923 University av
*Osgood & Blodgett Mfg. Co., Duluth av & E 7th
*Villaume Box & Lumber Co., Chicago Indiana avs & Walter
SAUK CENTER—Independent Lumber & Coal Co.
SOUTH STILLWATER—Anderson Lumber Co.
STILLWATER—*Stillwater Mfg. Co.
THIEF RIVER FALLS—*Thief River Falls Lumber Co.
WARREN—†Robertson Lumber Co.
WINONA—*Schroth & Ahrens Co. (Wholesale Mfrs.)

MISSISSIPPI.

CORINTH—†Pocahontas Lumber Co.
JACKSON—*Cambre Bros.
*Enochs Lumber & Mfg. Co.
†Jackson Lumber Co.
MERIDIAN—*Bostick Lumber & Mfg. Co.
VICKSBURG—*Curphey & Mundy
†Mississippi Lumber Co.

MISSOURI.

BOWLING GREEN—†La Crosse Lumber Co.
BUTLER—Logan-Moore Lumber Co. (See Kansas City)
Wyatt H. S.
CANTON—Canton Lumber Co.
CARTHAGE—*Home Lumber Co.
†Thomas B. F. Lumber Co.
FARMINGTON—*Doughty D. J.
†Lang & Bro. Mfg. & Merc. Co.
FREDERICKTOWN—†Fredericktown Lumber Co.
GLASGOW—*Rail Bros.
HANNIBAL—Conlon John J.
*Meyer J. F. Mfg. Co.
KANSAS CITY—*American Sash & Door Co. (Wholesale Mfrs.)
†Badger Lumber Co., 3401 E 15th
†Byrne J. M. Lumber Co.
Clark & Bates Lumber Co., Commerce bldg
†Deatherage Lumber Co., R. G. Long bldg
†Dierks Lumber & Coal Co., Gates bldg.
†Dierks & Sons Lumber Co., 19th S E cor Woodland
Federal Sash & Door Co., 18th & Wabash av
†Foster Lumber Co., R. A. Long bldg
*Huttig Mill Work Co. (Wholesale Mfrs.)
†Lee & Lyman Lumber Co., 2425 E 18th
Logan-Moore Lumber Co.
*Lovejoy Planing Mill Co., 823 E 17th
†Merill J. W. Lumber Co., S W blvd & Summit
†Shutter S. Z., 25th c Grand
Weis Henry Cornice Co. (All Steel)
LOCKWOOD—†Eaton W. R. Lumber Co.
LOUISIANA—La Crosse Lumber Co.
MOBERLY—†Mounce D. H. & Co.
NEVADA—†Robinson J. B. & Son
ST. JOSEPH—†Badger Lumber Co.
†Biles N. D. & Co.
*†Collier-Adams Mfg. Co.
†Dougherty & Moss Lumber Co.
†Nold C. H. Lumber Co.
†St. Joseph Lumber Co.
ST. LOUIS—*Banner Sash & Door Co., 3025 S B'way
*Carondelet Planing Mill Co., 5826 S B'way
*Crescent Planing Mill Co., 3227 N 9th
*Darr J. M. & Sons Planing Mill Co., (General & Special), 1317 Kentucky av
*Gaus Henry & Sons Mfg. Co., Main & Clinton
*Gravois Planing Mill Co., Minnesota & Juniata
*Huttig Sash & Door Co. (Wholesale Mfrs.), 1200 S Vandeventer
*Imse-Schilling Sash & Door Co., 21st & Papin
Lohse Patent Door Co.
*Maplewood Planing Mill & Stair Co., 2718 Sutton av
*Olcott Chas. A. Planing Mill Co., 3300 N B'way
*Reed & Steeger Sash & Door Co., 4211 Chippewa
Riddle-Rehbein Mfg. Co., 13th & O'Fallon
*St. Louis Lumber Co., 2509 S B'way
*St. Louis Sash & Door Works, B'way & Destrehan
*Theiling-Lothman Mfg. Co., 3810 N 9th
Thomsen Planing Mill Co., 1700 S Vandeventer av, Dept. H
*Thuener Chas. Planing Mill Co., Prairie & Lucky
SPRINGFIELD—*Davis Planing Mill Co.
†Hatten I. E., Lumber & Supply Co.

MONTANA.

ANACONDA—*Anaconda Copper Mining Co.
BILLINGS—†Billings Lumber & Coal Co.
BUTTE—Carroll J. T. Lbr. Co.
Western Lumber Co.
KALISPELL—Kalispell Lumber Co.
*McMannamy Wm. P.
MILLTOWN—Western Lumber Co.
MISSOULA—*Missoula Lumber Co.

NEBRASKA.

FREMONT—Reckmeyer W. R.
GRAND ISLAND—*†Hurst Sash & Door Co. ("Ever Willing")
HASTINGS—*Central Nebraska Millwork Co.
KEARNEY—†Gilcrest F. H. Lumber Co.
LINCOLN—*Curtis Towle & Paine Co. (Wholesale Mfrs.)
Searle & Chapin Lumber Co.
OMAHA—Adams & Kelly Co.
Bloom Alfred Co.
Disbrow M. A. & Co.
Omaha Wood Working Co.
SOUTH OMAHA—†Bradford Louis Lumber Co.
†Howland E. H. Lumber & Coal Co.
†Watkins J. B. & Co.

NEVADA.

VERDI—*Verdi Lumber Co.

NEW HAMPSHIRE.

CENTER OSSIPIE—*Smart C. E. & H. P.
CONCORD—*Carpenter Wellington
†Drake Clifton W.
FARMINGTON—†Mooney Frank E.
GOFFSTOWN—Kendall Hadley & Co.
LAKEPORT—†Boulia-Gorrell Co.
LANCASTER—†Smith Frank Co.
*Thompson Mfg. Co.
LEBANON—*Spencer Bros.
LITTLETON—†Littleton Lumber Co.
MANCHESTER—*Derryfield Co.
*Hodge Jeremiah Co.
†Hubbard Sash, Door & Lumber Co.
NASHUA—*Gregg & Son
PENACOOK—†Rolfe C. M. & A. W.
ROCHESTER—†Rochester Lumber Co.

NEW JERSEY.

ASBURY PARK—*Asbury Park Mill Co.
*Buchanon & Smock Lumber Co.
ATLANTIC CITY—*Somers Lumber Co.
BAYONNE—Prospect Planing Mill Co.
BELLEVILLE—Carragher F. J.
BOGOTA—*Wolfe J. N.
BRIDGETON—*Loper Eli & Son
BURLINGTON—*Severns J. T. Sons & Co.

CAMDEN—*Coles C. B. & Sons Co.
*Cooper Wm. J. & Co.
†Fredericks Wm. H.
EAST ORANGE—*Curtis Bros.
ELIZABETH—*Elizabeth Sash, Door & Supply Co
FRENCHTOWN—†White Charles
GRANTWOOD—Grantwood Moulding & Trim Co.
GUTTENBERG—Cade John R. & Son
HACKENSACK—†Young Frank
HOBOKEN—Davis-Speyer Co.
*Gahagan's J. Sons
†Kortlang Charles
HOMESTEAD—Hollingshead-Kernan Co.
IRVINGTON—Schill Fred'k & Co.
JERSEY CITY—*Barnes Mfg. Co., W End
*Heller C. Sons, 49 Cambridge av
Hoe Richard J. C., 78 Lake
*Prospect Sash Door Co., 137 Palisade av
*Summit Door Co., 73 St. Paul's av
*Tuzik Michael, Canal
Woodhouse John H., 1 Bishop
MADISON—†Smith Joseph M. Co.
MANASQUAN—†Taylor W. P.
MATAWAN—†Bailey Wm. D. Co
MILLVILLE—*Kimball & Prince Lumber Co.
MONTCLAIR—*Lyman Jno. T.
MOORESTOWN—†Collins John S. & Son
MORRISTOWN—†Ennis C. W. & Co.
†Mills Geo. A. Wood Working Co.
NEWARK—*Barkhorn Wm. H. Co., 22 Sayre
*Central Woodworking Co., 113 Central av
*Clark & Co., 515 Hunterdon
*Goldingay Bros. Co., 88 E Kinney
*Newark Door Co., 221 Sussex av
½Paxton Wm. L., 128 Wakeman av
*Schill Frederick & Co., 784 Springfield av
NEW BRUNSWICK—Butler-Howell Co.
Cronk Mfg. Co.
OCEAN CITY—Headley & Adams
ORANGE—*Barber Chas. L.
PASSAIC—*Crane Floyd H.
PATERSON—*Florence Bros. Mfg. Co.
*Post M. H.
PHILLIPSBURG— Bachman R. K. & Bro.
PLAINFIELD—*McCullough Richard H.
RED BANK—*Waters & Osborn Co.
RIDGEWOOD—*Hutton Isaac E.
TRENTON—*Conner Millwork Co.
VINELAND—*Kimball & Prince Lumber Co.
WASHINGTON—*Alleger's E. W. Son
WESTFIELD—†Tuttle Bros.
WEST NEW YORK—*Gundling B. V. Co.
WOODBURY—Woodbury Mill & Lumber Co.

NEW MEXICO.

ALBUQUERQUE—†Baldridge J. C. Lbr. Co.
LAS VEGAS—*Sundt M. M.

NEW YORK.

ADDISON—*Park, Winton & True Co.
ALBANY—Blakeslee Lumber Co.
Ramsdill & Co.
ALBION—*Mallory C. M.
ALLEGANY—*Hall W. N.
ANTWERP—†Bethel George D.
ARCADE—Arcade Planing Mill Co.
AUBURN—*Koon E. B. & H. J., 31 Mill
BATAVIA—*Batavia & N. Y. Woodworking Co.
BINGHAMTON—*Bartlett & Co.
*Roberson Alonzo & Son
BOSTON—Wurtz L. J.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Boller Chas. & Sons Co., 371 Chicago
Dohn, Fischer & Beyer
Elias G. & Bros., 965 Elk
Feist John & Sons Co., 115 Ash
Flierl Christian Co., Inc., 1352 Genesse
Hager E. M. & Sons Co., 141 Elm
Heinrich's Wm. Sons Co., 193 Spring
Iroquois Door Co. (Wholesale Mfrs.)
Montgomery Bros. & Co.
Zeis M. & Son, 200 Cherry
CANTON—Rushton J. W.
CASSADAGA—Knott L. & Co.
CAZENOVIA—*Thayer T. W. Co.
CHAMPLAIN—Earl Jno.
COHOES—*Breault M. Co.
Crandall G. H. Co.
COPENHAGEN—†Carey James
CORNING—*Corning Building Co.
CROWN POINT—*Pond J. E. & Son
DEPOSIT—Deposit Lumber Co.
DEXTER—Dexter Woodworking & Bldrs.' Supply Co.
DUNKIRK—*Madigan Lumber Co.
*O'Donnell Lumber Co.
EAST AURORA—*Peek's S. H. Sons
ELMIRA—*Doane & Jones Lumber Co.
*Spaulding H. C. Co.
FALCONER—*Chautauqua Planing Mill Co.
FRIENDSHIP—*Empire Sash & Door Co.
GENEVA—Moore Daniel E.
GLENS FALLS—*Kendrick & Brown Co.
GOWANDA—*Forbush Planing Mill Co.
HAMBURG—Hamburg Planing Mill Co.
HICKSVILLE—*Voigt C. H. (Est. of)
JAMESTOWN—*Nelson & Co.
*Wilson John T. (Est. of)
KINGSTON—*Coutant A. K.
*Palen's H. W. Sons
*Traphagen & Hull Mfg. Co.
†Weeks Theo.
LAWRENCE—*Wood John A. & Son Co.
LE ROY—*Rogers F. C.
LESTERSHIRE—*Lestershire Lumber & Box Co.
LYNONDVILLE—Gray J. C. & Co.
MALLORY—Courbat Geo. A.
MALONE—Kelly Jno. & Son
MONTICELLO—†Smith Isaac O.
MOUNT KISCO—†Turner Jerry B.
MOUNT VERNON—*Burton & Fenton
Cronenberg L. & Sons
NEWARK—Keener S. N. Co.
NEWBURGH—Newburgh Planing Mill Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Alpert Woodworking Co., 410 Snediker av
Bayside Sash & Door Co., 806 3d av
†Bossert Louis & Son, 1335 Grand
†Brooklyn Fireproof Sash & Door, 101 Richardson
Brooklyn Lumber Co. (Wholesale Dealers), 452 Hamilton av
Carey Box & Lumber Corp., 634 First av, New York
Clark Jno., 231 Hopkinson av
*Cropsey & Mitchell, Bay 35th
†Curtis-Brislin Lumber Co., 3290 Atlantic av
Empire City-Gerard Co., 265 Greenpoint av
Entenman A., 669 73d
Gardner David P. & Son, 49 Fleet pl
†Gass John H., 601 Sackett
†Hardy, Voorhees & Co., Met. av
†Hitchings Ben G., E 34th, nr Av H
Interborough Sash & Door Co., 340 Junius
†Keshin, Blitstein & Co., Burroughs av
†Levin, Kroneneberg & Co., Van Sinderen av
*Loomis John S. Lumber Co., Baltic & Nevins
†Macauley C. R. Co., 255 18th
†Mayer Michael, 181 Moore
*National Fireproof Sash & Door Co., 499 Stagg
†Newton Albro J. Co., 575 Union
†Orr J. C. & Co., West & Java
Parsheisky Bros., Morgan av & Meserole
Pearson Carl H., 193 Wallabout
Reeb & Dinkins, L. I. R. R. & Dry Harbor rd
Standard Fireproof Sash & Door Co., 16 Eckford
Weinstein Sam'l, 100 Richardson
Weisfeld Bros., 7 McKibbin

Boroughs of Manhattan and Bronx.

NEW YORK—Batavia & N. Y. Woodworking Co., Fuller bldg
Beekman Sash Door & Woodworking Co., 259 B'way
†Bronx Sash & Door Co., E Tremont av & 180th
†Carl John H., 510 1st av
*Harlem River Lumber & Wood Working Co., 138th & Gerard av
Hasbrouck Chas. A. & Son, 863 3rd av
†Hogan & Di Genno, 1616 Webster av
Hudson Wood Working Co., 1616 Webster av
†Leslie John, 138 W 15th
Manhattan Wood Working Co., 281 Rider av
*Morgan Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters), 21 E 40th
*Murray & Hill Co., 1138 St. Nicholas av
†Palens H. W. Sons, 1451 B'way
Potter Jos. R. & Co., 270 W 126th
†Read Charles, 406 W 30th
†Richardson & Dutt, 789 3d av
Rugg C. H. Co., 101 Park av
†Schaettler F., 533 W 34th
Thayer T. W. Co., 18 B'way
Tide Water Bldg. Co., 16 E 33d
Wright Lumber Co., 148 W 38th

Borough of Queens.

CORONA—Johnson & Berntson
HOLLIS—Stansbury Jas. H.
LONG ISLAND CITY—Weisberg Baer Co., Blvd
OZONE PARK—†Gillespie Earl A.
METROPOLITAN—†Reich Val E., 1429 Metropolitan av

(End of New York City)

NIAGARA FALLS—Haeberle Lumber Co.
NORTH TONAWANDA—*Palmer W. G. Thompson, Hubman & Fisher
OGDENSBURG—Proctor Mfg. Co.
OSSINING—Terwilliger's I. Son
PATCHOGUE—Bailey E. & Sons
PATTERSON—Pendleton & Townsend
PEEKSKILL—Brotherton Wm. Jr.
*Lamos Charles A. Co.
PORT CHESTER—Mertz's Geo. Sons
PORT JEFFERSON—Loper Bros.
POUGHKEEPSIE—Brooks & Co.
Lumb's Levi Son
REDWOOD—Cook & Smith
RIVERHEAD—Skidmore Charles
ROCHESTER—*Bantleon Bros. Co., 97H Railroad
Evans Chas. P.
Goetzman H. W.
Rugg C. H. Co.
Smith Sash & Door Co.
Stalker G. H.
Vogel & Binder Co.
ST. JOHNSVILLE—Kneeskern J. H. & Sons
SANDY HILL—Kenyon Lumber Co.
SIDNEY—*Clark G. A. Co.
SYRACUSE—Markert Mfg. Co.
TROY—Madden Lumber Co.
TURIN—*Hughes Hugh
WEBSTER—†O'Dell Bros.
WELLSVILLE—Duke Oak Lumber Co.
YONKERS—*Lawrence Bros.
Mitchell Sam'l P. (Est. of)
*Yerks & Co.

NORTH CAROLINA.

ASHEVILLE—*Jones Wm. M.
†Westall W. H. & Co.
CLINTON—Clinton Lumber Co.
EAGLE ROCK—Eagle Rock Mfg. Co.
ELIZABETH CITY—Kramer Bros. Co.
HENDERSON—*Watkins Jno. B.
HICKORY—Hickory Mfg. Co.
Hickory Novelty Co.
HIGH POINT—*Snow Lumber Co.
NORTH WILKESBORO—*Wilkesboro Mfg. Co.
RALEIGH—Lassiter C. J.
SANFORD—Sanford Sash & Blind Co.
WELDON—*†Dixon Lumber & Millwork Co.
WILSON—Simms W. W. Co.

NORTH DAKOTA.

FARGO—*Bowers Bros.
GRAND FORKS—*Turner Jas. & Sons
MINOT—Western Improvement Co. (Wholesale Mfrs.)

OHIO.

AKRON—Akron Lumber Co.
Lyman Hawkins Lumber Co.
Summit Lumber & Building Co.
ALLIANCE—*Stroup L.
*Weybrecht's J. T. Sons
ASHLAND—*Shearer Kagey & Co.
ATHENS—Athens Lumber Co.
Hardwood Finish Co.
BALTIMORE—Buckeye Planing Mill Co.
BELLAIRE—†Anderson & McGregor Co.
*Dubois & McCoy Lumber Co.
BELLEFONTAINE—†Le Sourd A. & Sons
BEREA—†Holmes & Johnson
BLOOMDALE—Linhart S. A.
BOWLING GREEN—*Hankey Lumber Co.
BUCYRUS—*Roehr Co.
BURTON—Johnson C. H.
BUTLER—Winkler W. E.
BYESVILLE—Byesville Planing Mill Co.
Lauer True & Co.
CADIZ—Long E. M. & Sons (Wholesale)
CALEDONIA—Resler J. A.
CAMBRIDGE—*Hoyle & Scott
Hunt W. A.
CANAL FULTON—Kittinger & Stock
CANAL WINCHESTER—Barels Geo. F.
CELINA—Stephenson E. E. Lumber Co.
CHAGRIN FALLS—Rowe & Giles Lumber Co.
CHILLICOTHE—Hertenstein C. A. Lumber Co.
CINCINNATI—Brethauer G. J. Planing Mill Co., 2250 Bogen
Cincinnati Sash & Door Co., 942 W 6th
Dexter Lbr. Co., 4765 Montg'y pk (Norwood)
Ferris Chas. S., 232 McCullough
Griffith Jas. & Sons Co., Reading rd & E 12th
Mayer Wm. Co., 646 W 3d
Mills & Ott, 216 George
Rempe F. & Son, 2d National Bank bldg.
Ward-Brock Sash & Door Co., 618-20 Freeman av
Weber Fred & A. Co., 4012 Cherry, Cum'ville
CLEVELAND—†Bohm & Stuhr, B'way & W. & L. E. R. R.
†Cleveland Lumber Co., 8617 Buckeye rd
*Diamond Glass Co., 1447 W 25th
*Lakewood Lumber Co., 10217 Berea rd
*Marquard Sash & Door Mfg. Co., 807 Canal rd
*Ohio Sash & Door Co., 821 Canal Rd.
*Osborne & Flinkers, 10217 Berea rd, N W
*Peters Mill Work & Lumber Co., Carter rd
*Pfeil Chas. J. & Co., 1976 W 3d
*Potter, Teare & Co., 1918 Carter rd
Reaugh Construction Co., 2835 E 51st
Teachout A. Co., 331 Prospect av, N W
*Trebing Mfg. Co., 1000 Center, N W
*Whitmer-Jackson Sash & Door Co. (Whol.), 1996 W 3rd
Zeitz William & Son Co., 1247 Marquette rd, N E
COLUMBUS—Baumann Ferdinand Sons Co., 181 W Main
Bergin M. J. Lumber Co., 225 Dennison av
†Cussins Chas. D. Co., 170 No 3d
Doddington Co., 451 W Broad
Earl Andrew, Hickory & Water
Jones E. J. & Co., 406 W Spring
Linkenheil Planing Mill Co., 182 E. Columbus
Sager A. C., Town & Bell
Snider J. J., Lumber Co., Taylor av
Teachout Sash Door & Glass Co., 100 W Spring
Throop-Martin Co., 130 E Chestnut
CROOKSVILLE—Spring G. W.

OHIO—continued
CUMBERLAND—Stevens W. H.
CUYAHOGA FALLS—*Walsh Lumber Co.
DAYTON—Dayton Lumber & Mfg. Co.
Requarth F. A. Co.
*Rouzer John Co., 71 Wyandot
DOVER—Dover Lumber Co.
Wagner Lumber Co.
EATON—Hiestand & Co.
FINDLAY—Fassett M. L.
Parker Lumber Co.
FORT RECOVERY—Wilson W. E. Lumber Co.
FOSTORIA—Eureka Planing Mill & Lumber Co.
*Koss & German Co.
FREDERICKSBURG—Peterman A. J.
FREMONT—Price Lumber & Mfg. Co.
GALION—Galion Lumber Co.
Gledhill A. C.
GALLIPOLIS—O'Dell O. A.
GEORGETOWN—Markley A. G.
GIBSONBURG—Collier Thos. L.
HAMILTON—*Cullen & Vaughn Co. (Mfrs.), 450 Dayton
Dingfelder Wm. S.
HICKSVILLE—Goller Chas. H.
HILLSBORO—Enterprise Planing Mill Co.
HOMEWORTH—*Gross Bros.
JENERA—Steinman Bros. Lumber Co.
KENT—Parsons T. G.
KENTON—Callam John & Co.
LANCASTER—DeLancey Edw.
LEBANON—Monroe & Johnson
LIMA—*Ruhlen & Miller
LOCKLAND—Lockland Lumber Co., Benson & Mill
LORAIN—Lorain Lumber & Mfg. Co.
LOWELL—Lowell Building & Supply Co.
McARTHUR—Lantz I. M.
MALTA—Malta Mfg. Co.
MANSFIELD—Ford S. N. & Co.
MARENGO—Jeffrey A. L.
MARYSVILLE—Robinson & Curry Co.
MIDDLETOWN—Caldwell-Iseminger Co.
NAPOLEON—Thieson & Hildred Co.
NAVARRA—Hug R. & Son
NELSONVILLE—Kreig M. A. & Co.
NEVADA—Orwiler & Armstrong
NEW BREMEN—Heinfeldt Mfg. Co.
Rabe Mfg. Co.
NORWOOD—Lobnitz Co., 1714-22 Cleneay av, Norwood
OLMSTED FALLS—Stokes T. C.
ORRVILLE—Kinney Lumber Co.
OSBORN—Osborn Lumber Co.
PANDORA—Shank D. C. & Co.
QUAKER CITY—Cochran A. & Co.
ST. MARYS—St. Marys Planing Mill Co.
SANDUSKY—Sandusky Sash, Door & Lumber Co.
Schoepfle Mfg. & Lumber Co.
SOMERSET—Snider-Flautt Lumber Co.
SPRINGFIELD—*Springfield Planing Mill & Lumber Co.
STEUBENVILLE—*McFeely Bros.
STOCKPORT—Ellis Walter
STRASSBURG—Weber Planing Mill Co.
SUGARCREEK—Moomaw C. M.
TOLEDO—Campbell Lumber & Mfg. Co.
Collier-Barnett Co.
Goodsell Mfg. Co.
Goulet & Co.
Schroeder C. H. Co.
Western Mfg. Co.
Witker Mfg. Co.
UPPER SANDUSKY—Stephen Lumber Co.
VERMILION—Bachman Conrad
WAVERLY—Gehres Bros.
WILKESVILLE—Strong H. B.
WILLOUGHBY—Jenkins C. C.
WILMINGTON—Fisher Mfg. & Fuel Co.
YOUNGSTOWN—*Heller Bros. Co.
ZANESVILLE—Curtis & Co., 25 8th
Drake Thos. Lumber Co., Lee & Amalia
Herdman Sash, Door & Lumber Co.

OKLAHOMA.

ENID—Enid Sash & Door Co.
OKLAHOMA—Curtis, Booth & Bentley Co.
Griffith T. A.
*New State Sash & Door Co.
*Oklahoma Sash & Door Co.

OREGON.

EUGENE—*Midgley George
KLAMATH FALLS—*Goeller J. F. & Son
MYRTLE POINT—†Huling Lundy & Sons
PORTLAND—Acme Planing Mill Co., 841 Macadam
Central Door & Lumber Co., 481 Geisan
Columbia River Door Co., H Gasco bldg
Nicolai-Neppach Co., 227 Davis
North Pacific Lumber Co., ft. of Sherlock
Schmitt Frank & Co., E 8th & Yamhill
SILVERTON—*Potter P. W. & Co.

PENNSYLVANIA.

ALLENTOWN—Albright A. A. & Son
*Butz Frederick & Co.
Kearn & Bro.
Trexler Lumber Co.
*Weil F. W. & Co.
ALTOONA—Fluke J. B. & Son
APOLLO—Wallace W. W. & Co.
ASHLAND—*Bright H. F.
Waldner Adam
ATHENS—Corneby F. G.
BANGOR—*Bangor Lumber Mfg. Co.
Wise Lumber & Coal Co.
BEAVER FALLS—*Beaver Falls Planing Mill Co.
*Commercial Sash & Door Co.
*Mitchell J. S. & Sons
BENTON—*Smith R. T. & Son
BERLIN—Fornwald Bros.
BRISTOL—Peirce & Williams
BROOKVILLE—Lucas J. Craig
CARLISLE—Beeten Lumber & Mfg. Co.
CATASAUQUA—*Wint F. W. Co. (Ltd.)
CHAMBERSBURG — Hollinger Planing Mill Co.
CHRISTIANA—*Davis Lumber & Planing Mill Co.
CONSHOHOCKEN—*Miller A. L. Co.
CORRY—*Clark Haniel & Son Co.
DUBOIS—Dubois Jno. E.
*Pifers G. W. Sons
Smyers Geo. W.
ELIZABETHVILLE—*Buffington I. T.
ERIE—Constable Bros. Co.
Felheim Lyman Co.
Johnson Lumber Co.
Schroeck Adolph
Shenk Henry Co.
EVERETT—Cottage Planing Mill Co.
FRANKLIN—James Lumber Co.
GETTYSBURG—*Stallsmith Geo. W.
GLEN ROCK—*Glen Mfg. Co.
HANOVER—*Moul C. & Co.
*Rohrbaugh J. F. & Co.
HARRISBURG—Snyder E. C.
HOMESTEAD—Kerr & Ingram
*Hall Geo. M. Co.
KANE—Kane Mfg. Co., Dept. H
KNOXVILLE—*Edgcomb W. H. & Sons
LANCASTER—Draper & Co.
Keystone Planing Mill.
*Wohlsen Planing Mill Co., 417 N Mulberry
LEBANON—*Miller Bros.
LOCK HAVEN—*Hipple Planing Mill Co.
MAUCH CHUNK—Neast Chas. & Co.
MEADVILLE—Bork & Richard
Miller & Devore Lumber Co.
Smith Lumber Co.
MIFFLINBURG—*Miller Enoch
MILLERSBURG—Douden A. Planing Mill Co.
MILTON—Clinger's D. Sons
*Fetter's Jacob Sons
MOSCOW—*Van Brunt C. P. Mfg. Co.
MOUNT CARMEL—*Geiger Lumber & Mill Co.
MYERSTOWN—Loose Charles C.
NEW BETHLEHEM—*Andrews Lbr. Co.
NEW BRIGHTON—McDanel R. B. Co.
NEW CASTLE—*Acme Lumber Co.
New Castle Lumber & Construction Co.
Wallace Bros.
NEWTON—*Watson A. W. & W. M. Co.
NORRISTOWN—*Grater-Bodey Co.
NORTH WALES—*Weber Oliver M. Co.
OIL CITY—Oil City Woodworking & Mfg. Co.
OSCEOLA MILLS—Walker Robert J.
PARKSBURG—*Reid A. P. Estate
PEN ARGYL—*Fitzgerald Speer Co.
PENNSBURG—Pennsburg Mfg. Co.
PHILADELPHIA — Adams Dan'l, 2940 Marshall
Alcott W. K. & Co., 52nd & Lancaster
Berger Gustav, 1143 N Front
Coolbaugh C. C. & Son Co., W. E. cor. 19th & Cambria
Felin & Co. (Window Frames Only), Old York rd & Butler
Gerry F. R. Co., 1835 Market
Gibson W. E., 3527 Market
Hall Bros. & Wood, 54th & Lancaster av
Haney-White Co., 17th & Glenwood av
Keely S. S. & Sons, Main & Umbria
Penna. Door & Sash Co., 25th & Callowhill
Robinson John & Co., 49 Queen, Gtn.
*Swenk, Benson Co., 2305 Cherry
PITTSBURGH—Commercial Sash & Door Co., Liberty & 33d
Diebold Lumber & Mfg. Co., 93-99 Wabash av
Munhall R. J. Lumber Co., Sidney & Brady
Pittsburgh Hardwood Floor Co., Park bldg
Schultze & Emanuel, 614 3d
Simon's M. Sons, Robinson & Anderson
PITTSTON—*Dershimer & Griffin
Harris A. H.
Patterson J. E. & Co.
Wyoming Valley Lumber Co.
PLATEA—Cook J. W. & Sons
PLYMOUTH—Clark Bros. & Co.
POINT MARION—Clark J. A.
POTTSVILLE—†Ryon Jno. P.
Sailor Planing Mill & Lumber Co.
*Wertley Walter Sons
QUAKERTOWN—Stoneback Howard L.
READING—Penn Planing Mill Co.
†Rummel H. F. L.
REEDSVILLE—Kelley Jos.
RIDGEWAY—*Hyde Murphy Co. (Wholesale)
RIVERSIDE—Hoover Wallace A.
ROARING SPRING—Planing Mill Co.
ROCKWOOD—*Growall J. P.
ROYERSFORD—*Bush Bros.
SAYRE—Hart I. S.
SCRANTON—Ansley Lumber Mfg. Co.
Benore John
Peck-Lumber Mfg. Co.
Washburn, Williams & Co.
SHARON—*Wallis & Carley Co.
SHARPSBURG—†Saint W. J. T.
SLATINGTON—Kern Thomas Lumber Co.
SOUDERTON—*Hemsing & Son
STEELTON—Steelton Planing Mill Co.
SUMMIT HILL—Breslin Andrew
SUNBURY—†Simpson John & Son
TITUSVILLE—Reuting D. F.
TUNKHANNOCK—Harris A H.
TYRONE—*Beyer F. D. & Co.
UNION CITY—*Clark Haniel & Son
WARREN—*Rogers Lbr. Co.
Wetmore L. D. Co.
WATSONTOWN—*Watsontown Door & Sash Co.
WAYNESBORO—*Hess Planing Mill Co.
WAYNESBURG—*Funk J. M.
WEST CHESTER—*Black Planing Mill Co.
WEST NEWTON—Scholl M. F.
WILKES-BARRE—Goff Lumber Co.
*Lee Conrad
*Shepherd Construction Co.
WILLIAMSPORT—Elsworth Co.
*Sones C. W.
Williamsport Planing Mill Co.
Wood Working & Stair Building Co.
YORK—*Beitzel Jacob & Sons
Noss Herman & Sons

RHODE ISLAND.

BRISTOL—†Wardwell Lumber Co.
PAWTUCKET—†Cottrel J. T. Co.
†Pawtucket Sash & Blind Co.
†Tingley Frank E.
PROVIDENCE—Evans H. R. & Son, 10 Mathewson
†Harris Wm. M., Jr., 546 Atwells av
†Lansing Lumber Co., 824 N Main
†McGowan Jas. & Co., 14 Exchange pl
*Perkins Bros. Co., 970 Westminster
†Providence Sash & Blind Co., 309 Dean
*Smith E. E. Co., 136 Rhodes
*Vaughn L. Co., 1153 Westminster
WESTERLY—Sherman's R. A. & Sons Co.
WOONSOCKET—†City Lumber Co.
Robinson A. M.

SOUTH CAROLINA.

ANDERSON—*Barton J. E.
†Brissey W. L. Lumber Co.
BEAUFORT—†Christensen N. & Sons
CHARLESTON—*Wetherhorn L. & Son
CHERAW—*Cheraw Sash, Door & Lumber Co.
COLUMBIA—Allison Lumber Co. Inc., 729 Lady
†Brown C. O. & Bro.
†Shand Builders' Supply Co.
†Thomas H.
GREENVILLE—†Morgan, Austin Co.
SUMTER—*Kennedy Brothers
VARNVILLE—*Ginn E. R.

SOUTH DAKOTA.

DEADWOOD—†Fish & Hunter Co.
MADISON—Colman C. L. Lumber Co.
MITCHELL—†Burns Robert Lumber Co.
SIOUX FALLS—†Ross H. W. Lumber Co.
*†Tuthill J. W. Lumber Co.
STURGIS—†Anderson H. O. & Son
*Grams Wm.

TENNESSEE.

BRISTOL—*Bristol Door & Lbr. Co.
*Stone Lumber Co. (Sash & Door Only)
CHATTANOOGA—*Central Lumber Co.
*Chattanooga Lumber Co.
Chattanooga Sash & Door Co.
*Loomis & Hart Mfg. Co.
CLARKSVILLE—*Smith F. L. Sons
FAYETTEVILLE—*Williams Lumber Co.
HARRIMAN—†Watts J. H.
HUMBOLDT—*Campbell J. E.
†Jarrell B. C. & Co.
KNOXVILLE—*Atkin C. B. Co.
Broadway Mfg. Co.
*Rose D. M. & Co.
Ross Lumber Co.
MEMPHIS—*Cole Mfg. Co.
†Jordan J. P. & Co.
Memphis Sash & Door Co.
*Moore & McFerren
†Southern Lumber Co.
MORRISTOWN—†East Tennessee Wood Working Co.
NASHVILLE—†Beasley & Sons Co.
†Cohn & Goldberg
*Davidson, Hicks & Greene Co.
*De Hart I. N. & Son
*McGinnis & Co.
*Moore Geo. & Sons
†Norvell & Wallace
†Riddle Co.
†Southern Door & Glass Co.

TEXAS.

ALBANY—†Rockwell Bros. & Co.
AMARILLO—Hume Mfg. Co.
AUSTIN—†Calcasieu Lumber Co.
†Nalle & Co.
BEAUMONT—*Georgs C. W. Mfg. Co.
COLORADO—†Burton-Lingo Co.
CORPUS CHRISTI—†Sidbury Lumber Co.
CORSICANA—Clopton Planing Mill Co.
DALLAS—†Griffiths & Co.
†Mayfield M. M.
DENISON—†Lingo-Leeper Co.
DUBLIN—†Spencer R. B. & Co.
EL PASO—†Bassett O. T. & Co.
†Burton-Lingo Co.
El Paso Sash & Door Co.
FORT WORTH—†Burton-Lingo Co.
†Cameron Wm. & Co.
*Lusher & Rockett
*Owens B. W. Lumber Co.
†Quarles J. E. Co.
†Ripy J. W. & Son
†Smith Cicero Lumber Co.

GALVESTON—†Moore & Goodman
†Schadt Wm.
*Smith J. F. & Bro.
HOUSTON—Bering Mfg. Co.
Houston Co-operative Mfg. Co.
Texas & Louisiana Lumber Co.
Ware Wm. Lumber Co.
NAVASOTA—*Youens J. & Co.
ORANGE—*Miller-Link Lumber Co.
SAN ANTONIO—†Beckel Lumber Co.
†Steves Ed. & Sons
†West End Lumber Co.
SAN MARCOS—†Mead & Eastwood
SHERMAN—†Fielder A. A. Lumber Co.
†Lyon-Gray Lumber Co.
†Wilson J. B. & Co.
TAYLOR—†Thompson J. A.
TEXARKANA—†Hoffman Hardware Co.
WACO—†Brazelton Lumber Co.
*Cameron Wm. & Co.

UTAH.

OGDEN—†Belnap H. Lumber Co.
†Eccles Lumber Co.
*Humphries C. J.
SALT LAKE CITY—†Felt Lumber Co.
†Morrison, Merrill & Co.
Salt Lake Mill Co.

VERMONT.

BARRE—†Allen Lumber Co.
BENNINGTON—*Bingham Jos. B.
BRANDON—†Gipson Bros.
BRATTLEBORO—*Holden & Martin Lumber Co.
†Robbins & Cowles
BURLINGTON—†Booth J. R.
*Burlington Venetian Blind Co.
†Champlain Mfg. Co. (Sashes)
*Morgan Bros.
HARTLAND—†Martin A. W.
MIDDLEBURY—*Rogers & Wells
POULTNEY—†Ripley Lumber Co.
RICHFORD—*Sweat-Comings Co.
RUTLAND—†Chaffee's F. Sons
†Noyes H. F. (Est. of)
ST. JOHNSBURY — †Caldbeck - Cosgrove Corp.
SOUTH SHAFTSBURY—*Eagle Square Mfg. Co.

VIRGINIA.

ALEXANDRIA—*Smoot W. A. & Co.
CHARLOTTESVILLE — *Charlottesville Lumber Co.
*King Lumber Co.
DANVILLE—*Danville Lumber & Mfg. Co.
*Heidelbach Lumber Co.
HARRISONBURG—†Bucher Wm. M. & Son
LYNCHBURG—Adams Bros., Paynes Co.
Lynchburg Lbr. Mfg. Co.
Peak Lumber Co.
MANCHESTER—†Woodward & Son
NEWPORT NEWS—Richardson R. E.
†Weaver Bros.
NORFOLK—Building Supplies Corp.
Nash C. A. & Son
Sawyer W F. & J. T.
PETERSBURG—†Hargrave W. T.
RICHMOND—†Heppert Jos., 906 Catherine
*Miller Mfg. Co., 7th & Stockton
*Montague Mfg. Co., 4 S 10th
Rubens Paint & Glass Co., Inc.
*Sittering-Carneal-Davis Co., 1601 W Leigh
*Stagg Thos. E & Son, Henrico Co.
†Woodward & Son
ROANOKE—Adams, Payne & Gleaves Inc.
*Central Mfg. Co.
Exchange Lumber Co.
SOUTH BOSTON—†Penick R. A. & Son
STAUNTON—†Livick A. J.
†Worthington Hardware Co.
SUFFOLK—†Allen R. R.
†Folk E. L. Co.
WARRENTON—†Wood P. D. & Co.
WYTHEVILLE—Wytheville Mfg. Co.

WASHINGTON.

BELLINGHAM—*Whatcom Falls Mill Co.
CENTRALIA — Whistler Poreh Column Factory
CHELAN—Higgins W. R.
CHENEY—†Ratcliffe Chas. A.
CLE ELUM—Paul A. S.
COLFAX—Good J. R. & Co.
EVERETT—Builders Supply Co.
*Everett Sash & Door Co.
*Robinson Mfg. Co.
GOLDENDALE—Cameron J. E.
HOQUIAM—*Hoquiam Sash & Door Co.
MONROE—*Wagner & Wilson (Red Cedar, Wholesale Mrfs.)
NORTH YAKIMA—*Cascade Lumber Co. (Wholesale Mfrs.)
OKANOGAN—Dunham W. H.
Ostenberg Chas.
OLYMPIA—*Olympia Door Co.
PRESCOTT—†Geyer John
SEATTLE—Blossom-Provine Lumber Co.
*Boyd Fred. Co.
*Brace & Hergert Mill Co.
*Bryant Lumber & Shingle Mill Co.
Canal Mfg. Co.
City Sash & Door Co.
Commercial Sash & Door Co.
†Curtiss Wm. M. Co., 5016 20th, N W
Dalk & Lindberg
Elmer & Moody Co.
*Nordquist & Nelson
Pacific Door & Mfg. Co.
Safety Ladder Mfg. Co.
Standard Sash & Door Co.
*Stetson & Post Lumber Co.
†Williams O. B. Co.
SPOKANE—*Dean Lumber & Fuel Co., Reagal & S. F. & N. Tracks
*Holland-Horr Mill Co.
*King Sash, Door & Lumber Co. (Wholesale Mfrs.)
*Sexton J. F. & Co.
*Spokane Sash & Door Co.
*Springston Lumber Co.
TACOMA—Bismarck Mill Co.
East Tacoma Mfg. Co.
*Harty Geo. M. Lumber Co.
Keystone Lumber Co.
*Pacific Mutual Door Co.
Peterman Mfg. Co.
Tacoma Fir Door Co.
Tacoma Millwork Supply Co.
Washington Mfg. Co.
Wheeler-Osgood Co. (Yellow Fir Wholesale Mfrs.)
WALLA WALLA—†Walla Walla Lumber Co.
*Whitehouse-Crawford Co.

WEST VIRGINIA.

FAIRMONT—†Dickerson Building Supply Co.
HUNTINGTON—Dickerson Lumber Co.
†Emmons Hawkins Hdwe. Co.
KEYSER—*Liller W. A.
Dickerson Lumber Co.
WHEELING—*Beitz J. W. Sons Co.
†Chapman W. H. & Sons
†Klieves Lumber Co.
†Wilson W. A. & Sons (Jobbers)

WISCONSIN.

APPLETON—†Miller Lumber Co.
†Schlafer Hardware Co.
*Standard Mfg. Co.
ASHLAND—§Scott-Taylor Co.
BAGLEY—†Brodt T. E.
BEAVER DAM—†Roedl & Jacobs Co.
BELOIT—*Cunningham Bros.
BLACK RIVER FALLS—*McGillivray Lbr. & Mfg. Co.
BRILLION—†Brillion Lumber Co.
CEDARBURG—*Hilgen Mfg. Co.
CHILTON—*Dorschel, Kroehnke Lumber Co.
CLINTONVILLE—*Rohrer D. J.
EAU CLAIRE—*Fish E. M. Co.
*Hoeppner-Bartlett J. Co.
FOND DU LAC—†Moore & Galloway Lumber Co. (Ltd.)
*Steenberg O. C. Co.
GILLETT—Gillett Building Supply Co.
GRAND RAPIDS—Ellis E. W. Lumber Co.
GREEN BAY—*East River Planing Mill Co.
*Green Bay Planing Mill Co.
HARTFORD—†Denison & Coerper
†Hartford Lumber Co.
HELENVILLE—†Reul Bros.
JANESVILLE—Cullen J. P. Construction Co.
†Fifield Lumber Co.
KAUKAUNA—*Kaukauna Lumber & Mfg. Co.
KENOSHA—*Grant Planing Mill
LA CROSSE—*Segelke & Kohlhaus Mfg. Co.
LAKE GENEVA—†Wilbur Lumber Co.
MADISON—†Brittingham & Hixon Lumber Co.
†Frederickson A. D. & J. V.
MANAWA—*Little Wolf River Lumber Co.
MANITOWOC—†Manitowoc Bldg. Supply Co.
†Schoch Christ. Lumber Co.
MARSHFIELD—*Bille Hans & Co.
MENASHA—*Menasha Mfg. Co.
MILWAUKEE—*Badger Sash & Door Co., 594 Island av
†Butter Gustav A., 603 Mitchell
*Cream City Sash & Door Co. (Whol.), 601 Park
*Gruhl Sash & Door Co., 195 Stewart
*Interior Woodwork Co., 523 Park
†Meckelburg A. F. Sash & Door Co., 760 31st
†Pederson & Grobben, 594 National av
Rockwell Mfg. Co. (Whol. Mfrs.), 572 Park
†Schmidt W. H. & Sons Co., 52 State av
†Wilbur Lumber Co., Pabst bldg
NEENAH — Hardwood Products Co. (Doors)
OSHKOSH — *Foster Lothman Mills (Wholesale)
*Gould Mfg. Co. (Wholesale)
*McMillen R. Co. (Wholesale)
*Morgan Co. (Sash, Open, Glazed; Doors, Veneered Doors, Blinds, Shutters)
*Paine Lumber Co. (Ltd.) (Wholesale, for the Trade Only)
Radford & Wright Co. (Wholesale)
RACINE—*Driver Thos. & Sons Mfg. Co. (Ltd.)
Dumphy Wm. Mfg. Co.
Racine Puttyless Window Co. ("Puttyless Hotbed Sash")
RHINELANDER—†Lewis Hardware Co.
RICE LAKE—*Rice Lake Mfg. Co.
RIPON—Ripon Veneer & Box Works (C. T. Timm, Prop'r)
SHEBOYGAN—*Mueller H. G. Mfg. Co.
*Sheboygan Woodworking Co.
SPARTA—*Sparta Sash & Door Co.
STEVENS POINT—*Vetter Mfg. Co.
WAUKESHA—*Wilbur Lumber Co.
WAUPACA—†Nelson A. G. Lumber Co.
WAUSAU—Curtis & Yale Co. (Wholesale Mfrs.)
Kuebler J. M. Co. (Wholesale Mfrs.)
WEST ALLIS—*Radcliffe Mfg. Co.

WYOMING.

RAWLINS—Daley R. A.
†Larsen Hans

12920—Sash (English Casement)

International Casement Co., Jamestown, N. Y.

12921—Sash (Greenhouse & Hot Bed)

Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.
Hitchings & Co., Dept. H, Elizabeth, N. J.
Hyde-Murphy Co., Ridway, Pa.
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., North Tonawanda, N. Y.
Lockland Lumber Co., Benson & Mill, Lockland, O.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Moninger John C. Co., 900 Blackhawk, Chicago, Ill.
Sanders Bros. Mfg. Co., Ottawa. Ill.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO, 100 Taylor, Boston, Mass. *See adv index at end of book*
Sunlight Double Glass Sash Co., Louisville, Ky.
Woodbury Mill & Lumber Co., Woodbury, N. J.

Sash (Metallic)

See Window Frame & Sash, Metallic

Sash Opening Apparatus

See Sash Operating Device; also Ventilating Apparatus for Power House, etc.

12922—Sash Operating Device

Advance Co. ("Advance" Automatic Roller Bearing), 542 N 14th, Richmond, Ind.
Corbin P. & F., New Britain, Conn.
Dean O. J. & Co., Distributors ("Advance" Automatic Roller Bearing) Association bldg, Chicago, Ill.
Drouve G. Co. ("Straight Push," "Lovell," Worm & Gear), 40 Tulip, Bridgeport, Conn.
General Sheet Metal Wks. ("Cibulas"), 120 Silliman av, Bridgeport, Conn.
Hitchings & Co., 1170 B'way, New York
King Construction Co., North Tonawanda, N. Y.
King Construction Co., 131 State, Boston, Mass.
Lord & Burnham Co., 30 E 42d, New York
Metallic Sash Operator Co., 2233 Chestnut, St. Louis, Mo.
Payson Mfg. Co. ("Harris," "Ideal," "Superior," "Reliance," "Triumph," "Duplex," "Peerless," "Monarch"), 2918 W Jackson blvd, Chicago, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.
Wolf Machine Co., Dayton, O.

Sash (Steel)

See Window Frame & Sash, Wrought Steel

Sash (Storm)

See Storm Doors & Windows

12923— Sash Weights

American Lead Co. (Lead), 3116 Penn av, Pittsburgh, Pa.
American Mining Tool Co., Ottumwa, Ia.
Bartlett A. F. & Co., Saginaw, Mich.
Bates Elevator Co., 211 Preston, Baltimore, Md.
Blatchford E. W. Co. (Lead), 230 N Clinton, Chicago, Ill.
Boston Sash Weight Co., 79 Mills, Boston, Mass.
BOSWORTH—ARD MACHINE & FOUNDRY CO., Anniston, Ala.
Brown E. E., & Co. (Iron), McKean & Meadow, Phila., Pa.
Buchanan Foundry Co., Lebanon, Pa.
Caldwell & Drake Iron Works ("Rohrer's" Sectional), Columbus, Ind.
Calhoun Foundry Co., Anniston, Ala.
Canton Sash Weight Co., Canton, O.
Chadwick-Boston Lead Co. (Lead), Boston, Mass.
Connecticut Cord Iron Corp., Norwich, Conn.
Decatur Cornice & Rfg. Co., Decatur, Ill.
Delaware Sash Weight Co., Wilmington, Del.
Detroit Lead Pipe Works (Lead), Detroit, Mich.
De Ved & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.
Drummond Mfg. Co. (Cast Iron), Louisville, Ky.
Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.
Duval Iron Works, Jacksonville, Fla.
Ephrata Foundry & Machine Works, Ephrata, Pa.

SASH WEIGHTS—continued

Etna Foundry Co., Etna, Pa.
Galena Iron Works Corp., Galena, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Germania Supply & Fdry. Co., Covington, Ky.
Glascock Stove & Mfg. Co. (Cast Iron Link), Greensboro, N. C.
Grey Iron Casting Co. (Sectional), Mt. Joy, Pa.
Hanson Clutch & Machy. Co., Tiffin, O.
See adv index at end of book
Hastings Foundry & Iron Works, Hastings, Neb.
Hubard Foundry & Machine Works, Lynchburg, Va.
Iron City Foundry Co. ("I. C. F." Sectional), Lebanon, Pa.
JANNEY & COMPANY, Montgomery, Ala.
Johnston & Jennings Co., Addison rd. & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Keagy & Lear Machine Co., Coshocton, O.
Kings County Iron Foundry Co. (Sectional & Regular), Gardner & Meserole, Brooklyn, N. Y.
Lawrence Shot & Lead Co. (Lead), Omaha, Neb.
Levering Mfg. Co., 210 Key Highway, Baltimore, Md.
Lissberger, Marks & Son (Lead), 281 Borden av, Long Island City, N. Y.
Los Angeles Foundry Co., Los Angeles, Cal.
Menzel & Jeffery Co. (Iron), 317 9th av, Minneapolis, Minn.
Over Ewald (Round & Square, Iron & Lead), Indianapolis, Ind.
Paxton & Verling Iron Works (Iron), Omaha, Neb.
Pekor Iron Wks., Columbus, Ga.
See adv index at end of book
Pugh Foundry Co., 19 W Levee, Kansas City, Mo.
Quinn Wire & Iron Works, Boone, Ia.
Raymond Lead Works (Lead), 735 S Washtenaw av, Chicago, Ill.
Rincon Foundry Co. (Sectional, Cast Iron), 351 7th, San Francisco, Cal.
Roanoke Iron & Bridge Works, Inc. (Cast Iron), Roanoke, Va.
Rochester Lead Works (Lead), Rochester, N. Y.
Sanborn Sectional Weight Co., 280 Madison av, New York
Selby Smelting Works (Lead), 201 1st, San Francisco, Cal.
Sprecher's I. G. Sons, Ephrata, N. Y.
Standard Foundry Co., Buffalo, N. Y.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Tatham & Bros. (Lead), 226 S 5th, Phila., Pa.
Thayer Foundry Co., Atchison, Kans.
Torsion Balance Co., 92 Reade, New York
Tuscaloosa Iron Works, Tuscaloosa, Ala.
United Lead Co. (Lead), 111 B'way, New York
Waterbury Foundry Co., Waterbury, Conn.
Western Fdry. & Sash Weight Co. (Cast Iron), 2nd & Miller, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kans.
Windsor Mfg. Co. (Lead), 570 Clinton, Milwaukee, Wis.
York Foundry & Engine Works (Cast Iron), York, Neb.

12924—Satchels (Letter Carrier's, Etc.)

American Commercial Corp., 120 B'way, New York

12925— Satin White

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Kalbfleisch Corp., 31 Union sq. New York
Paper Makers Chemical Co., Easton, Pa.
Providence Drysalters Co., East Greenwich, R. I.

12926—Savers (Gasoline Fuel)

Mills Mfg. Co., Sabina, O.
Motor Fuel Savers Corp. ("Standard," For Internal Combustion Engines), 50 Church, New York
National Motor Supply Co., 5604 Euclid av, Cleveland, O.
Stewart Alfred C. Machine Works, Los Angeles, Cal.

12927—Saw Benches or Tables

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Badger State Machine Co. (Self-Feed Rip, Saw & Combination), Janesville, Wis.
Baker Bros. ("Baker" Universal Saw Bench), Toledo, O.
Baldwin, Tuthill & Bolton (Iron Frame Saw Tables), Grand Rapids, Mich.
Beach Mfg. Co. (Rip & Cut-off), Montrose, Pa.
Carey W. W. Co. (Circular), Lowell, Mass.
Challenge Co., Batavia, Ill.
Chase Turbine Mfg. Co. (Power Feed), Orange, Mass.
Colburn Machine Tool Co. ("Universal"), Ivanhoe rd, Cleveland, Ohio
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Connell & Dengler Machine Co. (Iron or Wood Table), Rochester, N. Y.
Covel Mfg. Co., Benton Harbor, Mich.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Dodds Alex. Co. (Circular), Grand Rapids, Mich.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fay J. A. & Egan Co., Cincinnati, O.
Gallagher Mfg. Co. (Saw Bench, for Metal), Lynn, Mass.
Garfield & Co., 1323 Hearst bldg, San Francisco, Cal.
Gee Chas. E. ("Gee" Single & Adjustable Circular Saw Benches), Lowell, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Grabo E. O. Machine Works (For Metal), 180 Centre, New York
Grand Rapids Hand Screw Co. (Wood Frame), Grand Rapids, Mich.
Greenlee Bros. & Co. (Automatic), Rockford, Ill.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Hildreth Bros. (Tables Only), Harvard Mass.
Holmes E. & B. Machy. Co., Buffalo, N. Y.
Hub Machine Welding & Contracting Co. ("Acme" Metal), 450 N 12th, Phila., Pa.
Ireland Machine & Foundry Co. (Saw Tables Only), Norwich, N. Y.
Kane & Roach (Circular Saw Tables), Syracuse, N. Y.
Kidder R. E. Co. (Circular, etc), Worcester, Mass.
Murray D. J. Mfg. Co. (Self Feed, etc.), Wausau, Wis.
National Woodworking Machine Co., Dover, N. H.
New Winona Mfg. Co., Winona, Minn.
Oliver Machinery Co. ("Oliver," "Universal" Saw Benches & Tables), Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pryibil P. Machine Co. (Metal), 520 W 41st, New York
Root B. M. Co., York, Pa.
Royle John & Sons (For Photo Engravers & Electrotypers, Stampmakers, etc), Paterson, N. J.
Sidney Machine Tool Co. ("Famous" Saw Tables and Jointers), Sidney, O.
Silver Mfg. Co., No. 256, Salem, O.
Smith H. B. Machine Co., Smithville, N J.
Standard Saw Mill Machinery Co., Erie, Pa.
Stewart S. A. & Co. (Bench Saw Table), Waltham, Mass.
Tidey M. B., 80 Warren, Newark, N. J.
Tidey F. W., Irvington, N. J.
U. S. Machine Co. (Self Feed), Williamsport, Pa.
U. S. Wind Engine & Pump Co. (Horse Power), Batavia, Ill.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Yates P. B. Machine Co., Beloit, Wis.

12928—Saw Blades (Band & Jig)

Aero Wks., Inc., 89 Warren, New York

Cocker Saw Mfg. Co., Lockport, N. Y.
Crescent Machine Co., The, 512 Oak, Leetonia, O. *See adv index at end of book*
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Oliver Machinery Co., Grand Rapids, Mich.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Swett Frank W. & Son, 1716 W Adams Chicago, Ill.

12929— Saw Blades (Cold)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Hunter Saw & Machine Co. (Inserted **Tooth, for Metal Cutting), 57th & Butler, Pittsburgh, Pa.**
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tindel-Morris Co. (High Carbon Crucible Steel Plate with Inserted Teeth), Eddystone, Pa., & Ellwood City, Pa.

12930—Saw Blades (Hack, Flexible Back)

Aero Wks., Inc., 89 Warren, New York
Alston Saw & Steel Co., Folcroft, Pa.
American Saw & Mfg. Co. ("Apex," "Lenox"), 69 Boylston, Springfield, Mass.
Atkins E. C. & Co., Indianapolis, Ind.
Barnes W. O. Co., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Huther Bros., Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen Bishop Co., 931 Factory, Columbus, O.
Napier Saw Wks., Inc. ("Quality" Tungsten Steel, "Expert" Crucible Carbon Steel), Springfield, Mass.
Reynolds & Co., 1220 Real Estate Trust bldg., Phila., Pa.
Ronan Saw & Tool Works ("Liberty," "Rex"), 347-351 Davey, Buffalo, N. Y.
See adv index at end of book
Thompson H. G. Son & Co. ("Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.
West Haven Mfg. Co. ("Utility"), New Haven, Conn.

12931— Saw Blades (Hack, for Metal)

Aero Wks., Inc., 89 Warren, New York
American Saw & Mfg. Co. ("Apex," "Lenox"), 69 Boylston, Springfield, Mass.
Barnes W. O. Co., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th. Buffalo, N. Y.
See adv index at end of book
Disston Henry & Sons, Tacony, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gladium Co., 127 Duane, New York
Napier Saw Wks., Inc. ("Quality" Tungsten Blade, "Expert Crucible" Carbon Blade), Springfield, Mass.
Pittsburgh Gage & Supply Co. ("Damascus"), 30th & Liberty av, Pittsburgh, Pa.
Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y.
See adv index at end of book

Ronan Saw & Tool Works
347-351 Davey St., Buffalo, N. Y.
"Liberty" all hard and flexible Hand and Power Blades.
"Rex" all hard and flexible Carbon Hand Blades.
Metal Cutting Band Saws.

Standard Saw & Tool Mfg. Co. Inc. ("Hygrade"), 10H Damrell, Boston, Mass.
Thompson H. G. & Son Co., ("Milford," "Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.
West Haven Mfg. Co. ("Universal" all Hard) ("Utility" Soft Back), West Haven, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven. Conn.

12931a—Saw Blades in Coils

Aero Wks., Inc., 89 Warren, New York
American Saw & Mfg. Co. ("Lenox"), 69 Boylston, Springfield, Mass.
Barnes W. O. Co., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Napier Saw Wks., Inc. ("Napier" Metal), 40 Napier, Springfield, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saw Blades (Stone)

See Stone Saw Blades, Steel

12932— Saw Blades & Frames (Hack)

See also Hack Saw Machines

Aero Wks., Inc., 89 Warren, New York
American Saw & Mfg. Co. ("Lenox," "Apex"), 69 Boylston, Springfield, Mass.
Arcade Mfg. Co., Freeport, Ill.
Armstrong-Blum Mfg. Co. ("Marvel" Draw-cut), 337 N Francisco av, Chicago, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Barnes W. O. Co., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Blancke A. C. & Co. (Blades of Tungsten Steel), 602 W Lake, Chicago, Ill.
Boker H. & Co. ("Intra" Hack Saw Blades), 101 Duane, New York
Bridgeport Hardware Mfg. Corp. ("Matchless" Adjustable Frames), Bridgeport, Conn.
Buffum Tool Co. ("Swastika" Adjustable Frames Only), South Side, Louisiana, Mo.
Caldwell Tool Mfg. Co. ("Caldwell" & "Perfect" Hack Saw Frames & Coping Blades), Dept. H, Springfield, Mass.

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Clarke's Saw & Machine Wks., 66 Alpine, Newark, N. J.
Clemson Bros., Middletown, N. Y.
Clemson Knife Co. (Bracket & Butchers' Saws), Woburn, Mass.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
CUTTER & WOOD SUPPLY CO., 274 Friend, Boston, Mass.
See adv index at end of book
DIAMOND SAW & STAMPING WORKS ("Sterling," for Structural Steel Work), 357 7th, Buffalo, N. Y.
See adv index at end of book
Dikeman Mfg. Co. (Extension Hack Saw Frames), Norwalk, Conn.
Disston Hy & Sons ("Disston"), Dept. H, Tacony, Phila., Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Goodell-Pratt Co. ("G." "G. P. 888"-"G. P. 777"), Greenfield, Mass.
Grey Iron Casting Co. (Family Hack Saws), Mt. Joy, Pa.
Griffin G. W. Co., Franklin, N. H.
Grover File Co., Nashua, N. H.
Harris Samuel & Co., 114 N Clinton, Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Jennings C. E. & Co., 71 Murray, New York
Millers Falls Co. ("Star"), 28 Warren, New York. Works: Millers Falls, Mass.
Montgomery & Co. ("Fulton" Blades), 105 Fulton, New York
Napier Saw Works, Inc. ("Quality"), Springfield, Mass.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Peerless Machine Co., 1619 Racine, Racine, Wis.
Racine Tool & Mach. Co. (Blades Only), Racine, Wis.
Roberson W. Machinery & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ross Mfg Co. ("Perfecto" Blades), 1225 Lydia, Kansas City, Mo.
Sawyer Tool Mfg. Co. (Frames), Ashburnham, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
SMITH & HEMENWAY CO., INC. ("Red Devil" Hack Saw Frame), 261 H. B'way, New York; 130 H. Coit, Irvington, N. J.
See adv index at end of book
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Thompson H. G. & Son Co. ("Milford" Hack Saw & Blade, and Master Grip Frames), New Haven, Conn.

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Made from highest grade steel. Teeth are milled sharp with square cutting points carefully, evenly set at the right pitch to give a smooth, easy, rapid cut and obtaining 30% more work. Also a complete line of "Red Devil" Hack Saw Frames. *Write for descriptive matter and prices.* *Tool booklet on request.*
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Union Hardware Co. (Frames Only), Torrington, Conn.
Union Tool Co. (Frames), Orange, Mass.
Victor Saw Wks. ("Victor" Blades Only), Springfield, Mass.
West Haven Mfg. Co. ("Universal," "Utility" Blades, "Easy Grip Extension" Frames), West Haven, Conn.
Williamsburg Mfg. Co. (Frames), Williamsburg, Mass.
Wolverine Saw Co., 522 E Fort, Detroit, Mich.

12933—Saw Bucks & Frames

Adams Husker Co. (Cross-Cut Saw Frames), Marysville, O.
Bullock Mfg. Associates (Jewelers'), Springfield, Mass.
Chapin-Stephens Co. (Turning Saw Frames & Saws), Pine Meadow, Conn.
Disston Hy & Sons, Tacony, Phila., Pa.
Galloway Wm. Co., Waterloo, Ia.
Goodell-Pratt Co. (Butchers, Frames), Greenfield, Mass.
Hutchinson Homer H., Bristol, N. H.
Robinson M. W. Co., 296 B'way, New York
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tucker & Dorsey Mfg. Co. ("Hoosier" Folding Saw Buck), Indianapolis, Ind.

12934—Saw Coils (Butchers')

Aero Wks., Inc., 89 Warren, New York
NICHOLS BROS. ("Nichols Bros," 50 feet long), Greenfield, Mass.

Saw Filers & Setters

See Machines, Saw Filing & Setting; also Machines, Saw Sharpening

12935—Saw Mill Feeds (Steam)

Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Pawling & Harnischfeger Co. (Steam Feed Engines), Milwaukee, Wis.
See adv index at end of book
Soule Steam Feed Works, Meridian, Miss.

Saw Mills

See Lumber Manufacturers

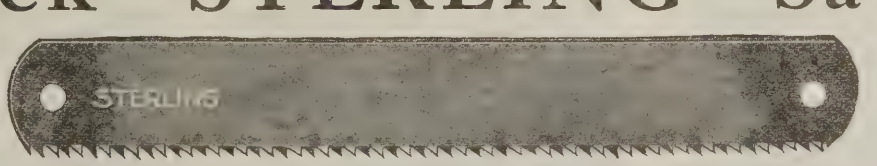
12936— Saw Mills (Band)

Allis-Chalmers Mfg. Co. (Single & Double Cutting & Telescopic), Milwaukee, Wis.
Clark Bros. Co., Olean, N. Y.
Diamond Iron Works (Single & Double Cutting), 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Lombard Iron Works & Supply Co., Augusta, Ga.
McDonough Mfg. Co., Eau Claire, Wis.
Manistee Iron Works Co., Manistee, Mich.
Mershon W. B. & Co., Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co. (Portable, etc), Eau Claire, Wis.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Sinker-Davis Co. ("Hoosier"), Indianapolis, Ind.
Stearns Co., Erie, Pa.
Wheland Company, Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.

12937— Saw Mills (Circular)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
Bartley Wm. & Sons (Portable), Bartley, N. J.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Bros. Co., Olean, N. Y.
De Loach Mill Mfg Co., Bridgeport, Ala.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.

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SAW MILLS (CIRCULAR)—continued
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Enterprise Co., Columbiana, Ohio
Filer & Stowall Co., Milwaukee, Wis.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Frick Co., Waynesboro, Pa.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Heilman Machine Works, Evansville, Ind.
IRELAND MACHINE & FOUNDRY CO., ("Ireland"), Norwich, N. Y.
See adv index at end of book
Knight Mfg. Co., Canton, O.
Lane Mfg. Co. (Lane Patent Lever-Set), Montpelier, Vt.
Lombard Iros Wks. & Supply Co., Augusta, Ga.
Lyon Iron Works ("Standard"), Greene, N. Y.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Quick & Thomas Co., Auburn, N. Y.
Ricker T. H. & Sons Co., Harrison, Me.
Rockford Mfg. Co., Indianapolis, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Scheidler Machine Works Co., Newark, O.
Sinker-Davis Co., Indianapolis, Ind.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Union Iron Works, Bangor, Me.
Wheland Co., Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.
Yates P. B. Machine Co., Beloit, Wis.

12938— Saw Mills (Drag)

American Saw Mill Machinery Co., Hackettstown, N. J.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Globe Co. (Self-Feed), Sheboygan, Wis.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Machine & Foundry Co. ("Ireland"), Norwich, N. Y.
Kline Lewis T. (Drag Saw Machines), Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
Lyon Iron Works ("Standard"), Greene, N. Y.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Stearns Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Trevor Mfg. Co. (For Handle Factories, etc), Lockport, N. Y.
Union Iron Works, Bangor, Me.

12939— Saw Mills (Gang)

American Saw Mill Machinery Co., Hackettstown, N. J.
Diamond Iron Works ("Diamond" Belt, etc), 2nd & 18th, Av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

12940—Saw Mills (Portable)

Abenaque Machine Works (Circular Saw Outfit), Westminster Station, Vt.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
Burlingame A. Co., Worcester, Mass.
Emerson - Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.
Enterprise Co. ("New Buckeye"), Columbiana, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Frick Co., Waynesboro, Pa.
Gainesville Iron Works, Gainesville, Ga.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold Co., York, Pa.
Howell R. R. & Co., 31st av., Minneapolis, Minn.
IRELAND MACHINE & FOUNDRY CO. ("Ireland"), Norwich, N. Y.
Keck-Gonnermann Co., Mount Vernon, Ind.
Liddell Co., Charlotte, N. C.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lyon Iron Works, Greene, N. Y.
Mecklenburg Iron Works, Charlotte, N. C.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rumely Leo Tractor Co. ("Gear Scott"), La Porte, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Scheidler Machine Works, Newark, O.
Sergeant Mfg. Co., Greensboro, N. C.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Thomas Albright Co., Goshen, Ind.
Westinghouse Co., Schenectady, N. Y.

Saw Re-Toothers

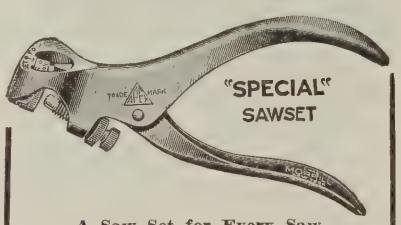
See Saw Stretching Machines

Saw Rigs (Portable)

See Sawing Rigs, Portable

12941— Saw Sets

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Buckeye Mfg. Co. (" Buckeye," Foot Power), Foundry: 2046 W 55th, Cleveland, O.
Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.
Bullock Mfg. Associates ("Lester," "Leach Pattern," "Aiken Pattern," "Morell Pattern"), Springfield, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Hy. & Sons ("Monarch," "Champion," "Bully Boy," "Samson," "Star," "Triumph"), Tacony, Phila, Pa.
Goodell-Pratt Co., Greenfield, Mass.
Holt G. L. Co. ("Holt"), Hartford, Conn.
Johnson Wm. (Hedenberg Works, Hammer, Common & Stillman Lever), Newark, N. J.
Kilborn & Bishop Co. ("Whiting," "Woodman," "Handy" Forged), 194 Chapel, New Haven, Conn.
Landers, Frary & Clark Co. ("Nash's," Hardware Specialties), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Aiken's"), 36 Brenner, Newark, N. J.
MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book



A Saw Set for Every Saw

" Special " and No. 1 for hand saws not over 16 gauge.

No. 3 for cross-cut and circular saws, 14 to 20 gauge.

No. 4 for Champion " M " and other double toothed saws, 14 to 20 gauge.

No. 5 for Timber and Board saws, 6 to 14 gauge.

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Peck, Stow & Wilcox Co., Southington, Conn.
Prouty C. & Co. (Steel), Eldred, Pa.
Sargent & Co. ("Aiken Pattern," "S. & Co."), New Haven, Conn.
Sayre L. A. Co. ("Holt Pattern," "Morrill Pattern," "Peerless," "Aiken Pattern"), 332 Mulberry, Newark, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith Seymour & Son (Hammer & Lever), Oakville, Conn.
SMITH & HEMENWAY CO., INC., 261 H. B'way, New York & 130 H. Colt, Irvington, N. J.
See adv index at end of book
Springfield Machine Co., Springfield, Mass.
Stearns E. C. & Co. ("Stearns"), 450 Oneida, Syracuse, N. Y.
Taintor H. F. 2 Rector, New York
Vom Cleff & Co. (Imported), 105 Duane, New York

12942— Saw Slashers

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saw Swages

See Swages, Saw

Saw Tables

See Saw Benches or Tables; also Saw Tables for Metal

12943—Saw Tables for Metal

Bridgeport Engineering Co., Bridgeport, Conn.
Grabo E. O. Machine Works, 180 Centre, New York
Hub Machine Welding & Contracting Co. ("Acme"), 450 N 12th, Phila., Pa.

12944— Saw Teeth

Corley Mfg. Co., Chattanooga, Tenn.
Hunter Saw & Machine Co. (For Metal Cutting), Dept. H, 57th & Butler, Pittsburgh, Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga

12945—Saw Teeth (Diamond)

Meyers W. F. ("Diabrasive"), Bedford, Ind.

12946-7—Saw & Hook (Pruning)

Cronk & Carrier Mfg. Co. ("Elmira"), 150 Lake Elmira, N. Y.
See adv index at end of book

12948-9— Sawdust

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
Becker & Moore (White Pine), No. Tonawanda, N. Y.
Chapin-Stephens Co. (Boxwood), Pine Meadow, Conn.
Estes E. B. & Sons (Boxwood, Hardwood, Softwood, etc), 364 5th av, New York
See adv index at end of book
Herne J. F. Co. (Hardwood), Sanford, Boston, Mass.
Lignum Chemical Works (Rock Maple & Boxwood), Morgan av, Brooklyn, N. Y.
National Sawdust Co. (All Kinds for All Purposes), 102 N 1st, Brooklyn, N. Y.
Sommer, John Faucet Co. (Turkey Boxwood), 30 Morris av, Newark, N. J.

12950—Sawing Rigs (Portable)

American Saw Mill Machinery Co., Hackettstown, N. J.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
C. H. & E. Mfg. Co. ("C. H. & E.," with **Power "built in" for Contractors,** 8 sizes, etc), 284 Clinton, Milwaukee, **Wis.**
Charter Gas Engine Co. (For Cord Wood or Pole Sawing), Sterling, Ill.
Fairbanks, Morse & Co. (With Engine), 900 S Wabash av, Chicago, Ill.
Ireland Machine & Foundry Co., Norwich, N. Y.
Novo Engine Co., Lansing, Mich.
Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.
Ransome Concrete Machinery Co. ("Oshkosh"), Dunellan, N. J.
Stover Mfg. & Engine Co. (With Gasoline Engine), Freeport, Ill.
Taylor Iron Wks. & Supplies Co., 1014H Broadway, Macon, Ga.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
United Engine Co., Lansing, Mich.
Witte Engine Works (Stationary), 16th & Oakland, Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

12951—Sawing Rigs (Portable Rip Swing Cross-Cut)

American Saw Mill Machinery Co., Hackettstown, N. J.
Ransome Concrete Machinery Co. ("Oshkosh," Heavy), Dunellen, N. J.

12952— Saws

Under This Heading See Sub-classifications
Aero Wks., Inc., 89 Warren, New York
Ambler Saw Mfg. Co. (Band & Circular), Natick, Mass.
Atkins E. C. & Co., Indianapolis, Ind.
Barcus Bros., Muskegon, Mich.
Beach Mfg. Co. (Cut-Off Wood, Double & with 2 & 3 Tracks), Montrose, Pa.
Birmingham Saw Works, Birmingham, Ala.
Bishop George H. & Co., Lawrenceburg, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Broadhead Jos., Manistee, Mich.
Buckeye Saw Mfg. Co., Columbus, O.
California Saw Works, 721 Brannan, San Francisco, Cal.
Canton Saw Co. (Circular & Repairs), Canton O.
Chattanooga Saw Works, Chattanooga, Tenn.
Clemson Bros. Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., 66 E. Fort, Detroit, Mich.
DIAMOND SAW & STAMPING WORKS ("Sterling" Hack), 357 7th, Buffalo, N. Y. *See adv index at end of book*
Disston Henry & Sons, Tacony, Phila., Pa.

Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Gladium Co. Inc., 127 Duane, New York
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Goodrich H. M., Bellingham, Wash.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co. (Circular Saws for Metal), **57th & Butler, Pittsburgh,** Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Jennings C. E. & Co. (Brick), 71 Murray, New York
Jennings & Griffin Mfg. Co., Port Jervis, N. Y.
Karle & Sons, 142 Chicago, Buffalo, N. Y.
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Kentucky Saw Works, Louisville, Ky.
Lippert E. T. Saw Co., Millvale, Pa.
Lufkin Foundry & Machine Co. (Universal Cut-Off), Lufkin, Tex.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Mack & Winkle, 172 Skillman av, Brooklyn, N. Y.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
Napier Saw Works, Inc., 40 Napier, Springfield, Mass.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
Penfield Saw Works, Bristol, Conn.
Reynolds & Co., 1220 Real Estate Trust bldg, Phila., Pa.
Rex File & Saw Co., Newcomerstown, O
Robertson Mfg. Co., 1443 Niagara, Buffalo, N. Y.
Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y.
See adv index at end of book
Rowe Geo. & Son, 121-23 W 2d, Cincinnati, O.
Schwartz's M. Sons, Bangor, Me.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Stevenson Gear Co., 942 Daly, Indianapolis, Ind.
Thompson H. G. & Son Co. (Hack & Band for Metal), New Haven, Conn.
Toland & Son, 232 Front, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Victor Saw Works (Hack), Springfield, Mass.

Saws (Back)

See Saws, Mitre Box

12953— Saws (Band)

Aero Wks., Inc., 89 Warren, New York
Ambler Saw Mfg. Co., Natick, Mass.
American Saw & Mfg. Co. (For Metal), 69 Boylston, Springfield, Mass.
Atkins E. C. & Co., Indianapolis, Ind.
Barnes W. O. Co., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Bishop George H. & Co., Lawrenceburg, Ind.
Black Diamond Saw & Machine Works, Natick, Mass.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Burton A. J. & Son, Quincy, Mass.
Clark Mach. Wks. (Metal), Belmont, N. Y.
Clemson Bros., Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Crescent & Co. Inc. ("Crescent"), Meriden, Conn.
CRESCENT MACHINE CO., THE, 512 Oak, Leetonia, O. *See adv index at end of book*
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., 66 E Fort, Detroit, Mich.
Disston Hy. & Sons, Tacony, Phila., Pa.
Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Griffin G. W. Co., Franklin, N. H.
Hastings & Co., 49 Commercial, Newark, N. J.
Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Metal Cutting, Rochester, N. Y.
See adv index at end of book
Jones Superior Mach. Co., 1264 W North av, Chicago, Ill.
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Lippert E. T. Saw Co., Millvale, Pa.
McNiece Wm. & Son (Imp.), 515 Cherry, Phila., Pa.
Maine Machine Wks. (14 inches), 701 N Main, Los Angeles, Cal.
Metal Saw & Machine Co. Ind. (Napier"), 40H Napier, Springfield, Mass.
Moss Arthur J., 178 Centre, New York
Napier Saw Wks., Inc. ("Napier" for Metal), Springfield, Mass.
Ohlen Bishop Co. (Hard, Tempered & Flexible Metal Back), 931 Factory, Columbus, Ohio
Oliver Machinery Co., Grand Rapids, Mich.

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Hack Saws, Slitters, Slotters, Cold Saws, Circular, Band, Cross-Cut and Hand Saws. All kinds and all sizes. Unquestionably quality leaders. Also Machine Knives, Files, and Special Alloy Steel Sheets and Bars.



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Racine Tool & Machine Co., Racine, Wis.
Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y.
See adv index at end of book
Root B. M. Co., York, Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. Y.
Southern Saw Works ("Southern"), East Point, Ga.
Standard Saw & Tool Mfg. Co., Kane, Pa.
Toland & Son, 232 Front, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Wolverine Saw Co. (For Cutting Brass), 522 E Fort, Detroit, Mich.
York Saw Works, York, Pa.
Zeiller & Nagle, 233 Java, Brooklyn, N. Y.

Saws (Band Sprue)

See Band Sprue Sawing Machines

12954—Saws (Barrel, Stave)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons (Cylinder), Tacony, Phila., Pa.

12955— Saws (Bilge)

Atkins E. C. & Co., Indianapolis, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.

12956— Saws (Blind Slat)

Ohlen Bishop Co., 931 Factory, Columbus, O.

12957— Saws (Bracket)

Griffin G. W. Co., Franklin, N. H.
Millers Falls Co., 28 Warren, New York

12958— Saws (Buck)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co. (Weed), Lawrenceburg, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Ohlen Bishop Co., 931 Factory, Columbus, O.

12959—Saws (Butchers', Etc.)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chatillon Jno. & Sons ("Chatillon"), 85 Cliff, New York
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. (and Frames), Greenfield, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s") 71 Murray, New York
Jones Superior Mach. Co., 1264 W North av, Chicago, Ill.
Millers Falls Co. ("Star" Crucible Steel Back), 28 Warren, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.
Pittsburgh Saw & Mfg. Co., 32nd & Smallman, Pittsburgh, Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Thompson H. G. & Son Co. (Polished, also in Coils of 50 feet), New Haven, Conn.

12960— Saws (Chain Link)

Union Twist Drill Co., Athol, Mass.

12961— Saws (Chamfering)

Huther Bros. Saw Mfg. Co., Rochester N. Y. *See adv index at end of book*

12962— Saws (Circular)

Aero Wks., Inc., 89 Warren, New York
American Saw Wks., Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Barcus Bros., Muskegon, Mich.
Branch Saw Co. (Inserted Teeth), 2323 N 9th, St. Louis, Mo.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buckeye Saw Mfg. Co. (Inserted & Solid Tooth), Columbus, O.
Canton Saw Co., Canton, O.
Chattanooga Saw Works (Solid & Inserted Tooth), Chattanooga, Tenn.
Clemson Bros., Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co. (Solid & Inserted Teeth), 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., 66 E Fort, Detroit, Mich.
Disston Henry & Sons (Inserted Tooth, Gullet Tooth, Solid Tooth), Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Ellis Keystone Agricultural Wks., Pottstown, Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Foucart J. E., Williamsport, Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Goodell-Pratt Co. (For Soft Metal, Bone or Ivory), Greenfield, Mass.
Hamachek Frank ("Grant"), Kewaunee, Wis.
Hastings & Co., 49 Commercial, Newark, N. J.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co. (For Metal), Dept. H, 57th & Butler, Pittsburgh, Pa.
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Lippert E. T. Saw Co., Millvale, Pa.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Marston J. M. & Co. (Hand & Foot Power), 226 Ruggles, Boston, Mass.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
Molthrup Steel Products Co., Beaver Falls, Pa.
Moss Arthur J., 178 Centre, New York
National Mfg. & Steel Supply Co. ("Richardson Bros"), 781 Summit, Newark, N. J.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.

SAWS CIRCULAR—continued
Oliver Machinery Co., Grand Rapids, Mich.
Penfield Saw Works, Bristol, Conn.
Rowe Geo. & Son., 121-23 W 2d, Cincinnati, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Tabor Mfg. Co. ("Taylor-Newbold"), 18th & Hamilton, Phila., Pa.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Toledo Saw & Supply Co., Toledo, O.
Wolverine Saw Co., 522 E Fort, Detroit, Mich.
York Saw Works, York, Pa.

12963—Saws (Circular, for Metal)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. Co., Indianapolis, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons ("Premier" Inserted Tooth), Tacony, Phila., Pa.
Espen-Lucas Mach. Wks., Girard av, Philadelphia, Pa.
Goodell-Pratt Co. (Small Sizes Only), Greenfield, Mass.
Hunter Saw & Machine Co. (For Hot or Cold Metal, etc.), 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen Bishop Co., 931 Factory, Columbus, O.
Pittsburgh Saw & Mfg. Co., 32nd & Smallman, Pittsburgh, Pa.
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

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Ryerson High Speed Friction Saws are designed for rapid cutting of steel shapes of all descriptions. These saws will cut different shapes in rapid succession without interchanging attachments or clamping the material. A 24" I-beam can be cut in 50 seconds. We manufacture this saw in various sizes with capacity to cut from the smallest to the largest sections rolled.

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SIMONDS MFG. CO. (Solid & Inserted Tooth), Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga.
Thurston Mfg. Co. ("Thurco." Formed for Cutting Copper, Similar Metals), 140 Benedict, Providence, R. I.

12963a—Saws (Circular Milling)

Hunter Saw & Machine Co., Dept. H, 57th & Butler, Pittsburgh, Pa.
HUTHER BROS. SAW MFG. CO. ("Semi" Brand), Rochester, N. Y.
See adv index at end of book

12964—Saws (Circular, Slate)

Aero Wks., Inc., 89 Warren, New York
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Southern Saw Works, East Point, Ga.

12965—Saws (Circular, Stone)

Aero Wks., Inc., 89 Warren, New York
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Lincoln Iron Works (For Soft Stone, etc), Rutland, Vt.
Meyers W. F. Co., Bedford, Ind.
Ohlen Bishop Co., 931 Factory, Columbus, O.

Saws (Cold)

See Cold Saw Cutting-Off Machines

12966— Saws (Compass)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Kensington Hdwe. & Tool Mfg. Co., 410 Mechanic, Germantown, Phila., Pa.
Ohlen Bishop Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12967— Saws (Concave)

Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Gerlach Peter Co. (Circular), 1712 Winter, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lippert E. T. Saw Co., Millvale, Pa.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point Ga.

12968— Saws (Coping)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bridgeport Hardware Mfg. Corp. ("Matchless," "Lead All"), Bridgeport, Conn.
Caldwell Tool Mfg. Co., Dept. H, Springfield, Mass.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Griffin G. W. Co., Franklin, N. H.
Jennings C. E. & Co., 71 Murray, New York
Metal Saw & Machine Co. Inc. ("Napier"), 40H Napier, Springfield, Mass.
Millers Falls Co., 28 Warren, New York
Napier Saw Works, Inc. (Loop & Pin), Springfield, Mass.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 H. B'way, New York, & 130 H. Coit, Irvington, N. J.
See adv index at end of book

12969— Saws (Cross-Cut)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Branch Saw Co. (Hand), 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Jones Superior Mach. Co., 1264 N North av, Chicago, Ill.
Menominee Saw Co., Menominee, Mich.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Prouty C. & Co., Eldred, Pa.
Root B. M. Co., York, Pa.
SIMONDS MFG. CO. ("Crescent," "Radical Crescent"), Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga.

12970— Saws (Cylinder)

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y *See adv index at end of book*
Ohlen Bishop Co., 931 Factory, Columbus, O.

12971— Saws (Dehorning)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.

12972— Saws (Diamond)

Anderson Geo. & Co. (Ltd.) (Circular), Newark, N. J.
Meyers W. F. Diamond Saw Co., Bedford, Ind.
Meyers Willard F. Co. (Reciprocating & Circular), Bedford, Ind.
Royden Marble Machinery Co., 137 E 25th, New York
Whittle Chas. L. (For Rocks, Minerals. Fossils, Glass, Porcelain, etc), 50 Congress, Boston, Mass.

Saws (Drag)

See Drag Saw Machines

12973— Saws (Drop)

United Engineering & Foundry Co. (Motor Driven), Farmers Bank bldg, Pittsburgh, Pa.

12974—Saws (Electric Driven)

Neil & Smith Electric Tool Co. ("Ideal"), 8th & B'way, Cincinnati, O.
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

12975—Saws (Endless Chain)

Yates P. B. Machine Co., Beloit, Wis.

12975a—*Saws (Flexible Back Band)

See also Saw Blades, Hack, Flexible Back
HUTHER BROS. SAW MFG. CO., Rochester, N. Y. *See adv index at end of book*

12976— Saws (Gang)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Hy & Sons, Tacony, Phila., Pa.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.
Foucart J. E., Williamsport, Pa.
Hoe R. & Co., 504 Grand, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saws (Gang, Stone & Slate)

See Stone Gang Sawing Machines

12977— Saws (Grooving)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston, Hy. & Sons ("Keystone," Groover or Dado-Head, etc), Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Michigan Saw Co., Saginaw, Mich.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga.

Saws (Hack)

See Saw Blades & Frames, Hack; also Hack Saw Machines

12978— Saws (Hack Bench)

Goodell-Pratt Co., Greenfield, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

12978a—*Saws (Hack, Rotary)

Irving Robert M. ("Misener"), Syracuse, N. Y.

12979— Saws (Hand)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Clemson Bros., Middletown, N. Y.
Crerar, Adams & Co., 259 E Erie, Chicago, Ill.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
What Cheer Tool Co. ("What Cheer" Miners), What Cheer, Ia.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12980— Saws (Hand Hack)

Disston Hy. & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
For branch offices see Alphabetical Section

Saws (Heading)

See Saws, Shingle & Heading

12981—*Saws (High Speed Friction)

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

Saws (Hot, Cut-off)

See Machines, Hot Sawing

12982— Saws (Ice)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Branch Saw Co. (Hand), 2323 N 9th, St. Louis, Mo.
Clemson Bros., Middletown, N. Y.



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Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works ("Decker"), Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Gifford-Wood Co. (Field, Electric & Gasoline), Hudson, N. Y.
Hoe R. & Co., 504 Grand, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12983—Saws (Inserted Teeth)

Aero Wks., Inc., 89 Warren, New York
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Buckeye Saw Mfg. Co., Columbus, O.
Chattanooga Saw Works, Chattanooga, Tenn.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. C., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works ("Decker"), Albany, N. Y.
Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co. (For Cutting Metal; Patent Inserted Tooth Milling Saws), Rochester, N. Y.
See adv index at end of book
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oldham New York Saw Works ("Oldham"), 112 26th, Brooklyn, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Tabor Mfg. Co. ("Taylor-Newboid"), 18th & Hamilton, Phila., Pa.
Tindel-Morris Co. ("Tindel" Patent for Metal), Eddystone, Pa., & Ellwood City, Pa.

12984— Saws (Jewelers')

Aero Wks., Inc., 89 Warren, New York
Griffin G. W. Co., Franklin, N. H.
Metal Saw & Machine Co. Inc. ("Napier"), 40H Napier, Springfield, Mass.
Millers Falls Co. ("Star"), 28 Warren, New York
Napier Saw Wks. Inc. ("Napier"), 40 Napier, Springfield, Mass.
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
West Haven Mfg. Co., West Haven, Conn.
Worthington & Raymond (Imp.), ("Optimus," "W. & R."), 71 Murray, New York

12985— Saws (Jig)

See also Saws, Scroll

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Edge Frank & Co., Grand Rapids, Mich.
Hastings & Co., 49 Commercial, Newark, N. J.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Jones Superior Mach. Co., 1264 W North av, Chicago, Ill.
Meyers Willard F. Diamond Saw Co., Bedford, Ind.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Royle John & Sons (For Mortising, etc), Straight & Essex, Paterson, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. J.

12986— Saws (Keyhole)

Bishop George H. & Co., Lawrenceburg, Ind.
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Kensington Hdwe. & Tool Mfg. Co., 410 Mechanic, Germantown, Phila., Pa.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12987— Saws (Kitchen)

Bishop George H. & Co., Lawrenceburg, Ind.
Cassady Fairbank Mfg. Co. ("Morris," Armour"), 6126 S La Salle, Chicago, Ill.
Christy Knife Co., Fremont, O.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Millers Falls Co. ("Star" Steel Frame), 28 Warren, New York
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White Ira F. & Son Co., Bloomfield, N. J.

12988—Saws (Metal Slitting)

Aero Wks., Inc., 89 Warren, New York
Am. Twist Drill & Tool Co., W Jefferson av & 21st, Detroit, Mich.
Atkins E. C. & Co., Indianapolis, Ind.
Barber-Colman Co., Rockford, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Blancke A. C. & Co. (High Speed & Carbon), 602 W Lake, Chicago, Ill.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Cutter & Reamer Co., The, 1619 Merwin av, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, Ohio
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York
Hoe R. & Co., 504 Grand, New York
HUTHER BROS. SAW MFG. CO. ("Semi" Brand), Rochester, N. Y.
See adv index at end of book
Lincoln Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
Ohlen Bishop Co., 931 Factory, Columbus, O.
Pratt & Whitney Co., Hartford, Conn.
Shields Cutter Co., 18511 Euclid av, Cleveland, Ohio
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Thurston Mfg. Co. ("Thurco" Jeweler's), 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

12989— Saws (Mitre Box)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Kensington Hdwe. & Tool Mfg. Co., 410 Mechanic, Germantown, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12990—Saws (Overhead Cut-Off)

Conner J W. & Son ("Favorite" Farmer's), Orangeville, Pa.

12991— Saws (Piercing)

Dixon Wm. (Imp.), 39 John, New York

12992— Saws (Plumbers')

Atkins E. C. & Co., Indianapolis, Ind.
Buffum Tool Co. ("Swastika," Hand & Compass), South Side, Louisiana, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Ohlen Bishop Co., 931 Factory, Columbus, O.

12993— Saws (Pruning)

Atkins E. C. & Co., Indianapolis, Ind.
Bartlett Mfg. Co., 428 E Lafayette av, Detroit, Mich.
Disston Henry & Sons ("Little Giant" Pruning Hook & Saw, etc), Tacony, Phila., Pa.
Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Kensington Hdwe. & Tool Mfg. Co., 410 Mechanic, Germantown, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12994— Saws (Rail & Shop)

See also Rail Sawing Machines

Atkins E. C. & Co., Indianapolis, Ind.
Crerar, Adams & Co. (Portable "Eureka"), 259 E Erie, Chicago, Ill.
Decker E. F. Saw Works, Albany, N. Y.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th, Buffalo, N. Y.
See adv index at end of book
Disston Hy. & Sons ("Disston" Rail Hack Saws), Tacony, Phila., Pa.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Ohlen Bishop Co., 931 Factory, Columbus, O.
Q. & C. Co. ("Q. & C." Portable Rail Saws), 90 West, New York

12995—Saws (Screw Slotting)

Aero Wks., Inc., 89 Warren, New York
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen Bishop Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO. (Concave), Fitchburg, Mass. *See adv index at end of book*
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Turston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.

12996— Saws (Scroll)

See also Scroll Sawing Machines; also Saws, Jigs

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Disston Henry & Sons ("Fays"), Tacony, Phila., Pa.
Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co., Beaver Falls, Pa.
Griffin G. W. Co., Franklin, N. H.
Millers Falls Co. ("Star," "Lester," "New Rogers," "Cricket"), 28 Warren, New York
Ohlen Bishop Co., 931 Factory, Columbus, O.
Oliver Machinery Co., Grand Rapids, Mich.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

12997— Saws (Segment)

Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons (And Veneering) Tacony, Phila., Pa.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen Bishop Co., 931 Factory, Columbus, O.

12998—Saws (Shingle & Heading)

Atkins E. C. & Co., Indianapolis, Ind.
Chattanooga Saw Works, Chattanooga, Tenn.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Southern Saw Works ("Southern"), East Point, Ga.
York Saw Works, York, Pa.

12999—Saws (Stone Cutting)

Aero Wks., Inc., 89 Warren, New York
Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Meyers W. F. Co., Bedford, Ind.
Robertson W. F. Steel & Iron Co., Elm & Commercial, Cincinnati, Ohio
Royden Marble Machinery Co. ("Royden" Inserted Carborundum Tooth), 137 E 25th, New York

12999a—Saws (Structural Steel Shapes)

Hunter Saw Machine Co., Dept. H, 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

13000-1-2— Saws (Swing)

American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Badger State Machine Co. (Improved Cut-Off), Janesville, Wis.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Chase Turbine Mfg. Co. (Cut-Off), Orange, Mass.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Connell & Dengler Mach. Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2d & 18th av N, Minneapolis, Minn.
Dodds Alexander Co., Grand Rapids, Mich.
Farquhar A. B. Co. (Ltd.) (Cut-Off), York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Fischer Machine Works (6-foot Swing), 1845 Caroll av, Chicago, Ill.
Gee Chas. E. (Improved Cut-Off), Lowell, Mass.
Grace C. M. & Co., Huntsville, Ala.
Hall & Brown Woodworking Machine Co., 1929-33 N B'way, St. Louis, Mo.
Holmes E. & B. Mach'y Co., Buffalo, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.
Jones Superior Machine Co. ("Superior" Cast Frame), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Luther B. G. Co., Worcester, Mass.
Moffit Iron Works Co. (Cut-Off), Sanford, N. C.
Murray D. J. Mfg. Co., Wausau, Wis.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greenboro, N. C.
Ober Mfg. Co. (Cut-Off), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. C. Machine Co., 666 Front av, N. W., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Machine Tool Co., Sidney, O.
Silver Mfg. Co. ("Silver"), No. 256, Salem, O.
Smith H. B. Machine Co. (Swing Cut-Off), Smithville, N. J.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Southern Saw Works ("Southern"), East Point, Ga.
Standard Saw Mill & Machinery Co., Erie, Pa.
Strait H. N. Mfg. Co. (For Cooperage, etc.) Kansas City, Kan.
Union Iron Works, Bangor, Me.
U. S. Mach. Co. (Iron Frame), Williamsport, Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
West Side Iron Works ("West Side" Cut-Off), Grand Rapids, Mich.
Wheland Co., Chattanooga, Tenn.
Yates P. B. Machine Co., Beloit, Wis.

13003— Saws (Veneer)

Aero Wks., Inc., 89 Warren, New York
Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

13004— Saws (Web)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.

13005— Saws (Whip)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.

Saws (Wood)

See Wood Sawing Machines
Also Saws, Buck

13005a— Scabbards

Brauer Bros. Mfg. Co. (Knife & Rifle), 204 N 14th, St. Louis, Mo.
Standard Parts Co., The (Bayonet), Cleveland, Ohio
Straus Jacob Saddlery Co. (Knife & Rifle), 410 N 6th, St. Louis, Mo.

13006—Scabbards (Knife & Rifle)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

13006a— Scabbards (Sword)

Schilling Charles, 938 Diamond, Philadelphia, Pa.

13007— Scaffold Builders

Brown J. K. & Co., 181 3d av, Brooklyn, N. Y.
Chesebro Whitman Co., 1167 1st av, New York
Corbett & Co., 429 E 109th, New York
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Faragher John, Madison, Wis.
Fuller H. B. Co. ("Fuller's" All Steel Adjustable), 138 W 3d, St. Paul, Minn.
Portland Extension Ladder Co. ("Excelsior" Folding Extension Trestle or Scaffold Horse), 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rockaway Ladder Co., Newark, N. J.
Schad Chas., 11 Jefferson, Brooklyn, N. Y.
Steel Scaffolding Co. (Steel), Evansville, Ind.

Scagliola Work

See Marble, Artificial

13008— Scalders (Hog)

Heller-Aller Co., Napoleon, O.
Kelly Foundry & Machine Co. ("Goshen"), Goshen, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Sperry D. R. & Co. (For Farm use), Batavia, Ill.

13009—Scalders (Tomato, for Canneries)

Huntley Mfg. Co ("Monitor"), Silver Creek, N. Y.

13010-11— Scalers (Fish)

Chatillon Jno. & Sons, 85 Cliff, New York
Covert Saddlery Works, Interlaken, N. Y.
General Phonograph Corp., 25 W 45th, New York
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Grey Iron Casting Co., Mt. Joy, Pa.
Landers, Frary & Clark, New Britain, Conn.
National Brass Mfg. Co., Rochester, N. Y.
Reading Saddle & Mfg. Co., Reading, Pa.
Royal Mfg. Co., 406 Commerce, Phila., Pa.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. (Japanned), Wrightsville, Pa.

Scales (Abattoir)

See Scales, Beam

Scales (Armor Plate)

See Scales, Rolling Mill

Scales (Auto Truck)

See Scales Motor Truck, also Platform or Wagon

13012— Scales (Automatic)

American Automatic Scale Co., 448 Huffman av, Dayton, Ohio
Am-Kron Scale Co., 430 E 53d, New York
Am. Machinery Co. ("Universal" & "American Bond" Electric), 330 N 12th, Phila., Pa.
Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Computing Scale Co., Dayton, Ohio
Detroit Automatic Scale Co., 30 Antritan, Detroit, Mich.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Edtbauer E. & Co., 1121 Washington blvd, Chicago, Ill.
Fairbanks Co. (For Coal, Grain, etc), 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gump, B F. Co., 431 S Clinton, Chicago, Ill.
Hoepner Automatic Scale Co., 1401 W Jackson blvd, Chicago, Ill.
International Scale Co., Dayton, Ohio
Merrick Scale Mfg. Co., Passaic, N. J.
See adv index at end of book

The Weightometer automatically weighs materials on conveyors.

MERRICK
SCALE MFG. CO.
Summer Street, Passaic, N. J.

Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.
Richardson Scale Co. (For all Crushed, Granular & Powdered Materials), Passaic, N. J.
Streeter-Amet Weighing & Recording Co., 4101 Ravenswood av, Chicago, Ill.
Toledo Scale Co., Toledo, O.

Scales (Bag & Barrel)

See Scales, Platform or Wagon

Scales (Balance)

See Balances, Assay & Analytical
Also Balances, Spring

13013—Scales (Bath Room)

Fairbanks Co., 416 Broome, New York
STANDARD SCALE & SUPPLY CO., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

13014— Scales (Beam)

Am. Kron Scale Co., 430 E 53d, New York
Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co. (For Cotton, Weighmasters & Yarn), 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Forschner R. H. Co., 230 3d av, New York
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co. of N. Y., 341 B'way, New York
Mason Davis & Co. ("Chicago," "Gibralter"), 7740 S Chicago av, Chicago, Ill.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn. *See adv index at end of book*
Robidoux Jos. & Co. (Weighmasters'), 194 Front, New York
Sargent & Co., New Haven, Conn.
SMITH SCALE CO. (THE), ("Exact Weight"), 93 W Gay, Columbus, O.
Standard Scale & Supply Co. ("The Standard" Recording Beam), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kans.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Boiler Room)

See Scales, Suspended for Boiler Rooms

13015— Scales (Bullion)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buffalo Scale Co. (Inc.), (Troy Weight), 1205 Niagara, Buffalo, N. Y.
Kohlbusch Herman Sr. Inc., 149H New York av, Jersey City, N. J.

13016—Scales (Butchers' Suspension)

Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
Chatillon John & Sons, 85H Cliff, New York
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

Scales (Cattle)

See Scales, Stock

Scales (Cement Testing)

See Testing Machines, Cement

13017— Scales (Charging)

Fairbanks Co., 416 Broome, New York
Richardson Scale Co. (Automatic)), Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*

Scales (Coal)

See Scales, Platform & Wagon

13018—Scales (Coal, Automatic)

Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Richardson Scale Co., Passaic, N. J.

Scales (Coal Mine)

See Scales, Miners & Transportation

Scales (Coal Tipple)

See Scales, Tipple

13019—Scales (Coal Traveling)

Richardson Scale Co. (Automatic Checking Feed to Boilers), Passaic, N. J.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

13020— Scales (Computing)

Anderson Computing Scale Co., Anderson, Ind.
Angildile Computing Scale Co., Elkhart, Ind.
Computer Mfg. Co., 268 Market, San Francisco, Cal.
Computing Scale Co. ("Dayton"), Dayton, O.
Computing Tabulating Recording Co., 50 Broad, New York
Detroit Automatic Scale Co., 30 Antritan, Detroit, Mich.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Kansas City Scale & Supply Co., Kansas City, Mo.
Standard Computing Scale Co., 30 Library, Detroit, Mich.
Strubler Computing Scale Co., Elkhart, Ind.
Toledo Scale Co., Toledo, O.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.
Virginia Forgings & Mfg. Co., Richmond, Va.

13021—Scales, Conveyor (Automatic Weighing)

Am-Kron Scale Co., 430 E 53d, New York
Elect. Weighing Co., 180 13th av, New York
Merrick Scale Mfg. Co. ("Weightometer"), Passaic, N. J.
See adv index at end of book

13022— Scales (Cotton)

Buffalo Scale Co. (Inc.), (Southern Cotton, Wool & Cotton, Drmant Cotton, etc), 1205 Niagara, Buffalo, N. Y.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

13023— Scales (Counter)

See Also Scales, Computing

Amer. Cutlery Co., 764 Mather, Chicago, Ill.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Dell John C. & Son, 422 Vine, Phila., Pa.
Dodge Scale Co., 126 11th av, New York
Edtbauer E. & Co., 1121 W Washington blvd, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co., 230 3d av, New York
Hanson Bros., 525 N Ada, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jacobs Bros. Co., 71 Warren, New York
Jones of Binghamton (Inc.) ("Osgood," "Little," "Shener," "Royal," "Parlor City Candy," "Old Reliable Union" & "Auto Truck"), Binghamton, N. Y.
Knowles Scale Works, Lowell, Mass.
Kohlbusch Herman Sr. Inc., 149H New York av, Jersey City, N. J.
Landers, Frary & Clark ("Columbia," "Landers," "Turnbull's" Spring), New Britain, Conn.
Mason Davis & Co. ("Chicago," "Gibralter"), 7740 S Chicago av, Chicago, Ill.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Pelouze Mfg. Co. ("Deaf," "Champion"), 232 E Ohio, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
SMITH SCALE CO. (THE), 93 W Gay, Columbus, O.
Spencer's I. S. Sons Inc., Guilford, Conn.
STANDARD SCALE & SUPPLY CO. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Toledo Scale Co., Toledo, O.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.
Troemner Henry, 911 Arch, Phila., Pa.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Crane or Suspended)

See Scales, Suspended, for Boiler Rooms

13023a— Scales (Creamery)

See also Scales, Dairy

Gaston's N. B. Sons Co. (Folding), Beloit, Wis.

13023b— *Scales (Cutlery)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13024— Scales (Dairy)

Buffalo Scale Co. (Inc.) (Cheese Factory, Suspensions, Butter, etc), 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., 715 Race, Beloit, Wis.
Smith Scale Co. (The), 93 W Gay, Columbus, O.
STANDARD SCALE & SUPPLY CO. (Cheese, Milk & Cream), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book

13025— Scales (Dormant)

American Automatic Scale Co. ("American Automatic"), 448 Huffman av, Dayton, Ohio
Am-Kron Scale Co., 430 E 53d, New York
American Scale Co. ("American"), Kansas City, Mo.
Beckman Bros ("American"), Des Moines, Ia.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Computing Scale Co., Dayton, Ohio
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
International Scale Co, Dayton, Ohio
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
Smith Scale Co. (The), 93 W Gay, Columbus, O.
Strait Scale Co., Kansas City, Kan.
Toledo Scale Co., Toledo, Ohio
Weeks Scale Works, Mt. Jewett, Pa.

13026— Scales (Druggists' & Chemists')

Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Kohlbusch Herman Sr. Inc., 149H New York av, Jersey City, N. J.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Smith Scale Co. (The), 93 W Gay, Columbus, O.
Torsion Balance Co. ("Torsion"), 92 Reade, New York

13027— Scales (Dump)

American Scale Co., Kansas City, Mo.
Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
STANDARD SCALE & SUPPLY CO. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13028— Scales (Elevator)

Richardson Scale Co. (Automatic), Passaic, N. J.

13029-30— Scales (Family)

American Cutlery Co. (Steel & White Tile Top), 764 Mather, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Hanson Bros., 525 N Ada, Chicago, Ill.
Landers, Frary & Clark ("Columbia," "Landers"), New Britain, Conn.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard," "Household," etc.), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.

Scales (Fluid)

See Scales, Liquid & Oil Weighing

13031—Scales for Balancing Planer Knife

Fairbanks Co., 416 Broome, New York
Munson Co., Grand Rapids, Mich.

13032— Scales for Drawing

Alteneder Theo. & Sons, 1217 Spring Garden, Phila., Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

Scales (Foundry)

See Scales, Beam

13033—Scales (Glass Blowers')

Howe Scale Co., Rutland, Vt.

The Standard Scale and Supply Company

1631 Liberty Ave., Pittsburgh, Pa.

NEW YORK	PHILADELPHIA	CHICAGO	CLEVELAND	DALLAS
145 Chambers St.	523 Arch St.	163 N. May St.	1547 Columbus Rd.	3027 Elm St.

Manufacturers of "The Standard" Scales, "The Standard" Concrete Mixers, Gas, Gasoline and Oil Engines, Trucks

Catalogues and Bulletins on application

13034—Scales (Grain Testing)

Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
Pratt & Whitney Co., Hartford, Conn.
Smith Scale Co. (The), 93 W Gay, Columbus, O.
Torsion Balance Co. ("Torsion"), 92 Reade, New York
Weeks Scale Works, Mt.Jewett, Pa.

13035— Scales (Hopper)

Am-Kron Scale Co., 430 E 53d, New York
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Beckman Bros., Des Moines, Ia.
BUFFALO SCALE CO., INC. (Suspension Coal), 1205 Niagara, Buffalo, N. Y.
Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, O.
Edtbauer E. & Co., 1121 W Washington blvd, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Grain Hopper), Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Queen City Scale Co., 1628 John, Cincinnati, O.
Richardson Scale Co. (Automatic Stationary & Portable), Passaic, N. J.
STANDARD SCALE & SUPPLY CO. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Strait Scale Co., Kansas City, Kan.
Winslow Government Standard Scale Works, Terre Haute, Ind.

13036— Scales (Jockey)

Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.

13037—Scales (Liquid & Oil Weighing)

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
Deming Apparatus Co., 30 Church, New York, New Orleans, La.
Richardson Scale Co. (Automatic Tank Scales), Passaic, N. J.
SIMMONS JOHN CO. ("Leinert"), 110 Centre, New York
See adv index at end of book
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Weeks Scale Works (Liquid Receptacles), Mt. Jewett, Pa.

13038—Scales (Miners' & Transportation)

BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
STANDARD SCALE & SUPPLY CO. (Also Ore), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Weeks Scale Works, Mt. Jewett, Pa.

13039— Scales (Moisture)

Buffalo Scale Co. (Inc.), (For Smelting Plants, Glass Blowers, etc), 1205 Niagara, Buffalo, N. Y.
Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Phila., Pa.

13039a—*Scales (Motor Truck)

BUFFALO SCALE CO. INC., 1205 Niagara, Buffalo, N. Y.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

13039b— Scales (Paper)

Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.

Scales (Oil)

See Scales, Platform or Wagon

Scales (Packing House)

See Scales, Beam

13040—Scales (Parcels Post)

See also Scales, Counter, also Scales, Postal
Allsteel Scale Co. Inc. ("Triner" Automatic), 25 West Bway, New York
Amer. Cutlery Co., 764 Mather, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Computing Scale Co., Dayton, O.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.

Scales (Pig Iron, Etc.)

See Scales, Rolling Mills

13040a— Scales (Picker Lap)

American Iron & Scale Co., 430 E 53d, New York

13041— Scales (Pitless)

Beckman Bros. ("American"), Des Moines, Ia.
Dayton Pitless Scale Co., Dayton, O.
Dayton Standard Scale Co., Dayton, Ohio
Fairbanks, Morse & Co. ("Moline," "Victor"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
King Drill Mfg. Co., Nebraska City, Neb.
Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.
Meadows Mfg. Co. ("Meadows"), Pontiac, Ill.
Moline Plow Co. ("McDonald," Pitless Wagon or Stock), Moline, Ill.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Scott Hay Press Co. ("O. K."), 1300 W 12th, Kansas City, Mo.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Stimpson Scale & Electric Co. ("Stimpson"), Northville, Mich.
Weeks Scale Works, Mt. Jewett, Pa.
Zimmerman Steel Co. ("Zimmerman"), Bettendorf, Ia.

13042—Scales (Platform or Wagon)

Am-Kron Scale Co., 430 E 53d, New York
American Scale Co., Kansas City, Mo.
Barker Sam'l G. & Son, Scranton, Pa.
Beckman Bros. ("American"), Des Moines, Ia.
Boston Scale & Machine Co. (Automatic Weighing & Recording), 100 Ruggles, Boston, Mass.
Dayton Pitless Scale Co. ("Boulton's" Pitless Scale & Folding Stock Rack), Dayton, O.
Dayton Standard Scale Co., Dayton, Ohio
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co. ("Fairbanks," "Moline," "Victor"), 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co. (Platform Only), 230 3d av, New York
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jacob Bros. Co., 71 Warren, New York
Jones of Binghamton (Inc.), Binghamton, N. Y.
Kansas City Hay Press Co., Kansas City, Mo.
Meyer Scale & Hardware Co., 328 Adams, Newark, N. J.
Nordeen Scale Co., Everett, Wash.
Nordyke & Marmon Co., Indianapolis, Ind.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
STANDARD SCALE & SUPPLY CO., 1631 Liverty av, Pittsburgh, Pa.
See adv index at end of book
Stimpson Scale & Electric Co. (Wagons, Portable Platform), Northville, Mich.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.
Winslow Government Standard Scale Works (M. H. Winslow, Prop.), Terre Haute, Ind.

13043—Scales (Platform, Portable)

American Cutlery Co., 764 Mather, Chicago, Ill.
American Scale Co., Kansas City, Mo.
Bennington Scale Co. ("Bennington"), Bennington, Vt.
Chatillon Jno. & Sons, 85 Cliff, New York
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt
Fairbanks, Morse & Co. ("Fairbanks," "Victor"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Knowles Scale Works, Lowell, Mass.
Osgood Scale Co., Dept. H, Binghamton, N. Y.
SMITH SCALE CO. (THE), 93 W Gay, Columbus, O.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Strait Scale Co., Kansas City, Kan.
Toledo Scale Co., Toledo, O.
Weeks Scale Works, Mt. Jewett, Pa.

13044—Scales (Portable Suspension)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

13045— Scales (Postal)

American Cutlery Co. (Official), 764 Mather, Chicago, Ill.
Atwater S. I., 101 Lafayette, New York
Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co., 230 3d av, New York
Osgood Scale Co., Dept. H, Binghamton, N. Y.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Strait Scale Co., Kansas City, Kan.
Triner Scale & Mfg. Co. ("Gem"), 2714 W 21st, Chicago, Ill.
Weis Mfg. Co. ("Weis"), Monroe, Mich.

Scales (Railroad Track)

See Scales, Track

13046— Scales (Revolving)

Fairbanks Co., 416 Broome, New York
Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.
Standard Scale & Supply Co. (Postal, Letter, etc.), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*

13047—Scales (Rolling Mill)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Richardson Scale Co., Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Strait Scale Co., Kansas City, Kan.

13048—Scales (Sacking, Automatic)

Richardson Scale Co., Passaic, N. J.
Smith Scale Co. (The), 93 W Gay, Columbus, O.

13049—Scales (Shipping & Receiving)

Richardson Scale Co., Passaic, N. J.

13050— Scales (Silk Trip)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

Scales (Spring)

See Balances, Spring

13050a—Scales (Springless Dial)

American Kron Scale Co., 430 E 53d, New York

13051—Scales (Stock & Wagon)

American Scale Co., Kansas City, Mo.
Beckman Bros. ("American"), Des Moines, Ia.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, Ohio
Dayton Standard Scale Co., Dayton, Ohio
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co. ("Fairbanks," "Victor," "Moline"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Pit & Pitless), Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
Kansas City Hay Press Co. ("Lightning" Pitless), Kansas City, Mo.
Moline Plow Co. ("McDonald"), Moline, Ill.
Queen City Scale Co. (Repair), 1628 John, Cincinnati, O.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Stimpson Scale & Electric Co., Northville, Mich.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.
Zimmerman Steel Co. ("Royal" & "Zimmerman"), Bettendorf, Ia.

13052—Scales (Suspended, for Boiler Rooms)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Richardson Scale Co. (Automatic), Passaic, N. J.
STANDARD SCALE & SUPPLY CO. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*

13053— Scales (Talking)

United Vending Co., Cleveland, O.

13054— Scales (Testing)

Chatillon Jno. & Sons (Shell), 85 Cliff, New York
Daigger A. & Co. (Asphalt), 54 W Kinzie, Chicago, Ill.
Delaware Metal Refinery ("Richards" Specific Gravity for White Metals), 18th & Washington av, Phila., Pa.
Fairbanks Co., 416 Broome, New York
Kohlbusch Herman Sr. Inc. (Solder), 149H New York av, Jersey City, N. J.
Smith Scale Co. (The), 93 W Gay, Columbus, O.
Torsion Balance Co. ("Torsion," Cream, Cement, Butter, Sand, etc), 92 Reade, New York

13055— Scales (Thermometer & Barometer)

Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

13056— Scales (Tipple)

Buffalo Scale Co., Inc. (Coal Tipple), 1205 Niagara, Buffalo, N. Y.
Dayton Standard Scale Co., Dayton, Ohio
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Niles Mine & Mill Supply Co., Williamson bldg, Cleveland, O., & Niles, O.
Richardson Scale Co., Passaic, N. J.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Strait Scale Co., Kansas City, Kan.
Winslow Government Standard Scale Works (M. H. Winslow, Prop.) (Mine Pan), Terre Haute, Ind.

13057— Scales (Track)

Am-Kron Scale Co., 430 E 53d, New York
Barker S. G. & Son, Scranton, Pa.
Beckman Bros. ("American"), Des Moines, Ia.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
STANDARD SCALE & SUPPLY CO ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Strait Scale Co., Kansas City, Kan.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13058-9—Scales (Trolley Track)

Buffalo Scale Co. Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Wagon)

See Scales, Platform or Wagon; also Stock & Wagon

13060-1—Scalpers (Corn Mill)

Nordyke & Marmon Co. (Round Reel & Hexagon), Kentucky av & Morris, Indianapolis, Ind.

13062— Scarifiers

Buffalo Springfield Roller Co., Springfield, O.
Denver Fire Clay Co., Denver, Colo.
Heil Henry Chemical Co., St. Louis, Mo.

13063— Scenic Artists

Armbruster M. & Sons, 249 S. Front, Columbus, Ohio
Graham L. L., Brooklyn, N. Y.
Lash Lee Studios, 308 E 48th, New York
Sosman & Landis Co., 417 S Clinton, Chicago, Ill.
Story O. L. Scenic Co., Somerville, Mass.

13064-5— School Supplies

See also Specific Article Required

Bradley Milton Co., Springfield, Mass.
Brawley T. R. (Blackboard Erasers, all Felt), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Consolidated Belting Co., 3108 Germantown av, Phila., Pa.
Crunden-Martin Mfg. Co. (Crayon, Tablets, Note Books, etc.), 2nd & Gratiot, St. Louis, Mo.
HAMMETT J. L. CO., Kendall sq, Cambridge, Mass.
See adv index at end of book
Harron, Rickard & McCone (Manual Training), 139 Townsend, San Francisco, Cal.
Knott L. E. Apparatus Co. (Scientific Laboratory), 79 Amherst, Cambridge, Mass.
Price W. R. Inc. (Manual Training Equipment), 127 5th av, New York
Rowles E. W. A. Co., 2345 S La Salle, Chicago, Ill.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
Va. School Supply Co., 2000 Marshall, Richmond, Va.
Weber C. F. & Co., 985H Market, San Francisco, Cal.
Weber, Costello Co., Dept. H, 12th & McKinley, Chicago Heights, Ill.

Scissors Mfrs.

See Shears & Scissors

Scissors (Cigar Cutter)

See Cutters, Cigar

13066— Scissors (Fluting)

Osborne C. S. & Co., Box 183 Newark, N.J.
See adv index at end of book

13067— Scissors (Manicure)

Fiberloid Corp., Dept. H, Indian Orchard, Mass.
Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Schneful Bros., 684 So. 17th, Newark, N. J.

13068— Scissors (Poultry)

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Koch F. A. & Co., 524 B'way, New York
Thurnauer G. M. Co., 6 E 20th, New York

13069— Scissors (Sardine)

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co. ("Fetter's"), Box 183 Newark, N. J.
See adv index at end of book

13070— Scleroscopes

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
SHORE INSTRUMENT & MFG. CO., Jamaica, N. Y.

13071— Scoops (Boat)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
New York Boat Oar Co. (Wood), 69 West, New York

13072— Scoops (Candy)

Maag August Co., 509 W Lombard, Baltimore, Md.

13073— Scoops (Cheese)

Amer. Cutlery Co., 764 Mather, Chicago, Ill.

Scoops (Coal)

See Shovels, Spades & Scoops

13074—Scoops (Family & Grocers')

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Wagner Mfg. Co. ("Wagner Ware" Cast Aluminum), Sidney, Ohio

13075— Scoops (Furnace)

See also Shovels, Spades & Scoops

American Mfg. Co., Chattanooga, Tenn.
Beall Bros., Alton, Ill.
Chisholm's Wm. Sons Co. (Solid Cast Steel), 1588 E 40th, Cleveland, O.
Conneaut Shovel Co. (Gas House & Furnace Charging), Conneaut, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jesup F. W. & Co., 90 W B'way, New York
Kohler F. E. Co., Canton, O.
Ohio Shovel & Stamping Co., Dover, O.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13076— Scoops (Grain)

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, Ohio
Beall Bros., Alton, Ill.
Chisholm Wm. Sons Co., 1588 E 40th, Cleveland, O.
Conneaut Shovel Co. (D & Long Handle), Conneaut, O.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jackson Shovel & Tool Co. ("Ripley"), Montpelier, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Ohio Shovel & Stamping Co., Dover, O.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Phila. Scoop Co., 127 Arch, Phila., Pa.
Sommer John Faucet Co., 30 Morris av, Newark, N. J.
Sprout, Waldron & Co., Muncy, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13077-8— Scoops (Ice)

Aldrich Mfg. Co., Buffalo, N. Y.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Ray Geo. A. Mfg. Co. (Brass & Copper), Buffalo, N. Y.

Scoops (Ice Cream)

See Dishers, Ice Cream

13079—Scoops (Locomotive)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fox Bros. & Co., 126 Lafayette, New York
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13080—Scoops (Potato, Corn, Etc.)

Bissell Edw. J. ("Little Giant" Malleable Iron), Milford, Mich.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Michigan Wire Goods Co. (Wire), Niles, Mich.
Pease F. B. Co., Rochester, N. Y.
Sholder Excel Mfg. Co. (Wire), Clyde, Ohio
Thrope F. M. Mfg. Co., Larmar, Mo.

13081— Scoops (Scale)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Consolidated Mfg. Co., Dayton, O.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.
Metal Package Corp. of New York, 509 5th av, New York
See adv index at end of book
Phila. Scoop Co., 127 Arch, Phila., Pa.

13081a— *Scoops (Ship)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

13082— Scoops (Tunneling)

Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.

13083— *Scoops (Wooden)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Sommer John Faucet Co. ("Grain"), 355 Central av, Newark, N. J.

13084—*Score Boards (Interchangable Letter)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

13085—Score Books (Baseball, Etc.)

Gleason Thos. Jay, 1552 Bergen, Brooklyn, N. Y.

13085a— Scorifers

Braun-Knecht-Heimann Co. (Colorado), 576-584 Mission, San Francisco, Cal.

SCORIFERS—continued
Denver Fire Clay Co., Denver, Colo.
Dixon Joseph Crucible Co., Jersey City, N. J.
Mine & Smelter Supply Co., 42 B'way, New York

13086—Scourers (Wheat & Buckwheat)

Barnard & Leas Mfg. Co., Moline, Ill.
Beall Improvements Co., Inc., Decatur, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

13087— Scow Builders

Gray Motor Co. (Motor), Det. Term. R. R. & Mack, Detroit, Mich.
Howard Ship Yards Co. (Scow & Barge), Jeffersonville, Ind.
Lake Erie Drydock & Mill Co., Sandusky, Ohio
Leathen & Smith Towing & Wrecking Co., Sturgeon Bay, Wis.
Manitowoc Ship Building Co. (Steel, Dump, Derrick, etc), Manitowoc, Wis.
Midland Barge Co. (Steel), Midland, Pa.
Perth Amboy Dry Dock Co. (Brick & Freight), Perth Amboy, N. J.

13088— Scows (Fueling)

BARTLETT C. O. & SNOW CO. (For Fueling Vessels), French, Cleveland, O.
See adv index at end of book

13089— Scrap Aluminum

Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Erie Iron & Steel Co., Erie, Pa.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Nelson Ira I., 10 High, Boston, Mass.

13090—Scrap Brass & Copper

See also Scrap Iron & Steel

Armstrong R. S. & Bro., Atlanta, Ga.
Bassman & Oislander, 217 Front, New York
Battaglia Bros., 381 Pearl, New York
Beach J. W. Co., Bridgeport, Conn.
Bers E. & Co., 330 S Del av, Phila., Pa.
Birnbaum Bros. & Sack, 133 Roosevelt, New York
Boston Iron & Metal Co., Pratt & Fremont av, Baltimore, Md.
California Iron Yards Co., 554 Bryant, San Francisco, Cal.
Capian Julius H., Lebanon, Pa.
Central Smelting & Refining Co., Borden av & Hayward, Long Island City, N. Y.
Cosby Clarence, Richmond, Va.
Dolgoff Jas. L., Bridgeport, Conn.
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Duquesne Reduction Co., Farmers' Bank bldg, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Edelstein Carl, 279 Front, New York
Erie Iron & Steel Co., Erie, Pa.
Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.
Goldstein's L. Sons, Allegheny bet Richmond, Phila., Pa.
Grimm Paul, 284 Front, New York
Grossman M., 560 Maxwell, Chicago, Ill.
Hanshaft Max, 262 Front, New York
Harris Benj. & Co., 21st & Loomis, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hudson Iron & Metal Co., ft E 33rd, Bayonne, N. J.
Illinois Smelting & Refining Co., 410 N. Peoria Chicago, Ill.
Jacob Bros., Bridgeport, Conn.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Knight J. T. & Son, Columbus, Ga.
Lake Erie Smelting & Refining Co., 7900 Bessemer av, Cleveland, O.
Lebanon Engineering & Supply Co., Lebanon, Pa.
Lehman Bros., Hoboken, N. J.
Lehman Max Metal Co., 507 Newark, Hoboken, N. J.
Levi B. & Co., Scranton, Pa.
London N., 263 Front, New York
London & Sack, 259 Front, New York
Lowenthal Co., 947 W 20th, Chicago, Ill.
Machinery & Equipment Co., Inc., 225 Sherman av, Newark, N. J.
Maryland Brass & Metal Works, Calvert & Federal, Baltimore, Md.
Midgley & Prentice Inc., 30 Church, New York
Moers E. M. Sons, 183 South, New York
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Nelson Ira I., 10 High, Boston, Mass.
Norristown Iron & Steel Co., Norristown, Pa.
Omaha Metal & Rubber Co., Omaha, Neb.
Oppenheimer J. & Co., 81 Fulton, New York
Pollock Mayer, Pottstown, Pa.
Progressive Smelting & Metal Corp., 543 W 25th, New York
Pueblo Brass & Iron Foundry, Pueblo, Colo.
Reubens S. & Bro., 68 Cliff, New York
Rosenblatt Wm (Inc.), 262 Water, New York
Roth Jacob, 1458 Clinton, Detroit, Mich.
Rubber & Metal Supply Co., 157 South, New York
Ruttenberg Bros., Reading, Pa.
Sackler Bros., 186 E 64th, New York
Schnair Jacob, 28 W 128th, New York
Shapiro Henry, Wilkes-Barre, Pa.
Shonberg L., 122 Flushing av, Brooklyn, N. Y.
SMITH MORTON B. CO., 241 Front, New York
Sofranscy H. Co., Allentown, Pa.
Star Refining Co., 116 W First, Boston, Mass.
Symansky Bros., Troy, N. Y.
Van Dyke Smelting & Refining Works, Inc.
Wensley Metal Products Co., Denver, Colo.
West Side Metal Refining Co., 1447 S Sangamon, Chicago, Ill.
Williams & Freedman, Harrisburg, Pa.
Woodlawn Metal Co. 332 W 26th, New York

13091— Scrap Iron & Steel

See also Special List of Scrap Brass and Copper

This list is published for Purchasing Purposes and comprises only the Largest Firms who make a specialty of Scrap Iron & Steel

ALABAMA.

BESSEMER—Bumby H. E.
BIRMINGHAM—Knight Iron & Metal Co., 27th to 28th & 1st av
Southern Iron & Commission Co.
Weller & Co.

CALIFORNIA.

SAN FRANCISCO—California Iron Yards Co., 554 Bryant
Harley Chas. Co., 650 7th
Natl. Smelting Corpn., 554 Bryant
San Francisco Iron & Metal Co., 256 North Point

COLORADO.

DENVER—Colorado Iron & Metal Co.
Denver Metal & Machinery Co.
PUEBLO—Pueblo Brass & Iron Foundry

CONNECTICUT.

BRIDGEPORT—Jacob Bros.
WATERBURY—Waterbury Scrap Iron Co.

DELAWARE.

WILMINGTON—Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.). *See adv index at end of book*
Stirlith J. A. Bros.

GEORGIA.

ALBANY—Mayer Daniel
ATLANTA—Armstrong R. S. & Bro.
COLUMBUS—Knight J. T. & Son

ILLINOIS.

AURORA—Annenberg J. D. & Co.
Joseph Iron Co.
CHICAGO—Alton Iron & Metal Co., 2122 S Loomis
American Iron & Supply Co., 110 S Dearborn
American Wrecking & Salvage Co. (Wholesale), 732 W Harrison, Ill.
Briggs & Turivas, 110 S Dearborn
Grossman M., 560 Maxwell
Harris Benj & Co., 21st & Loomis
Hyman-Michaels Co., People's Gas bldg *See adv index at end of book*
Joseph Isaac Iron Co., 332 S Michigan
Lanski I. & Son Scrap Iron Co., 2117 S Jefferson
Levine A. & Co., 1461 S State
Lieberman Jos. L. Iron Co., 110 S Dearborn
Marks H. Sons, 1045 W 14th
OHIO IRON & METAL CO., 38 S Dearborn
Seffren Scrap Iron & Machy. Co., 213 N Halsted
Silverman H. & Co., 431 S Clinton
Stern H. Sons Co., 2259 S Ashland av
U. S. Metal & Mfg. Co., 332 S Michigan av
West Side Metal Refining Co., 1447 S Sagamon
DANVILLE—Cohen David
Danville Iron & Metal Co.
PEORIA—Cohen J. & Son
QUINCY—Rupp Geo. & Bros Co.
SPRINGFIELD—Barker A. Iron Co.
STREATOR—Tierney Bros.

INDIANA.

EDINBURG—Kroot Jos.
ELKHART—Elkhart Junk Co.
Winer Samuel & Co.
EVANSVILLE—Fligeltaub Henry
FORT WAYNE—Strasburg's C. Sons
MONTPELIER—McCauley Chas.
MUNCIE—Feinberg Abe
SOUTH BEND—Ciralsky Abraham & Son
TERRE HAUTE—Bogard A.
Terre Haute Rag & Metal Co.
WABASH—Cook Simon Co.

IOWA.

DES MOINES—Cohen Bros. Iron & Metal Co.
Cohen E. M. & Sons Iron & Metal Co.

KANSAS.

KANSAS CITY—Sonken-Galamba Iron & Metal Co.

KENTUCKY.

LOUISVILLE—Hyman Louis P. & Co.
Weber Simon & Son

LOUISIANA.

NEW ORLEANS—Marx Alphonse & Sons, 1645 Tchoupitoulas

MARYLAND.

BALTIMORE—Boston Iron & Metal Co., cor Pratt & Freemont av
Bowman Wm., 1325 Eastern av
De Ved & Sons Sash Weight Co., 807 S Howard
Frank Nathan & Sons, 1404 Mullikin
Globe Iron & Metal Co., 116 Key Highway
Monumental Iron & Metal Co., 228 W Pratt
Woolford & Thomas, 1726 Thames

MASSACHUSETTS.

BOSTON—Brackett H. F. & Co., 77 Newman
Butler Thos. & Co., 23 Medford
Clapp C. E. & Co., 170 Summer
Perry, Buxton, Doane Co., First
Nelson Ira I., 10 High
Werby A. & Co., 47 Beverly
CAMBRIDGE—Sovrensky L
CHELSEA—Rosenberg Bros.
DORCHESTER — Roxbury Iron & Metal Co., 140 Granite av
FALL RIVER—Dunn Wm. J.
Ratner M.
LAWRENCE—Gutterson & Gould
LOWELL—Harris A. J. & Co.
NEW BEDFORD—Fox Max
McCullough John
NORTHAMPTON—Carlson & Barger
SPRINGFIELD—Ehrlich A. B. & Co.

MICHIGAN.

BAY CITY—Hirschfield H. & Son
DETROIT—Ginsburg R. L. Sons, Dime Bank bldg
Goldman A. & Co., 2580 W Jefferson av
Riverside Scrap Iron & Metal Co., 530 E Atwater
Wayne Scrap Iron & Metal Co., 522H Campbell av.
IRONWOOD—Michigan Scrap Iron Co.
KALAMAZOO—Gumbinsky Oscar & Bros.
LANSING—Simon A. Iron Co.
SAGINAW—Clinkofstine L. S. & Co.
THREE RIVERS—Three Rivers Iron & Metal Co.

MINNESOTA.

DULUTH—Duluth Iron & Metal Co.
MINNEAPOLIS—Peoples' Scrap Iron & Metal Co., 1528 N 2d

MISSOURI.

KANSAS CITY—Pietzman J. & Son
ST. LOUIS—Bierman F. & Sons
Cohen-Schwartz Pail & Steel Co.
Greenspon's Jos. Sons Iron & Steel Co., 67 Branch
Hirsch Cal. & Sons, Mercantile Co. 300 S B'way
Hirsch Rolling Mill Co., Ecoff & Manchester

NEBRASKA.

OMAHA—Alpirn A. B.
Harding L. & Sons
Omaha Metal & Rubber Co.
Steinberg Nathan

NEW JERSEY.

BAYONNE—Bayonne Scrap Iron & Metal Co.
Hudson Iron & Metal Co., ft E. 33rd
ELIZABETH—Isaac Hyman Sons Co.
Kaufman David & Sons Co.
JERSEY CITY—Contey Frank, 451 Whiton
Contey Frank Co., 317 Grand
Letcher R. J. & Son, 191 Morgan
Leveson S., 13 Center
NEWARK—Friedman Chas., 5 Beacon
Leonards P. & Sons, 57 River
Liebstein J. & Sons, 1226 Broad
Liebstein T. B., 72 Chestnut
Machinery & Equipment Co., Inc., 225 Sherman av.

Newark Metal Co.
Sangiacomo Sons, 9 Abel
Serratelli's P. Sons, 156 Malvern
Walsh's Sons & Co. Inc., 295-305 Passaic
PATERSON—Lapat L.
Sinn Fred'k
Stamm Max
PHILLIPSBURG—Gibney Iron & Steel Co.
PLAINFIELD—Haskard John S.
TRENTON—Millner Frank

NEW YORK.

ALBANY—Norton Daniel R.
BUFFALO—Bock M. & Son, Morgan bldg
Buffalo House Wrecking & Salvage Co., Sycamore & Erie RR
Buffalo Waste Paper Co., 98 Terrace
Cohen Isaac H., 111 Pratt
Lenahan Frank & Son, 53 Fulton
Michel Louis & Son, 560 Elk
Morrison & Risman, 1437 Bailey av
Sukernek Louis, Jr., 993 Clinton
Ullman D. Sons
Ullman Jacob, 34 Oneida
NEWBURGH—Hart Patrick

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Blume H. & Son, 536 Myrtle av
Kelly's James T. Sons, 249 Greene
Loewenthal Co., 23 Heyward
Rothschild R., 207 Norman av
Samuels M. & Sons, N 2d
Watson Andw., 44 Withers

Boroughs of Manhattan and Bronx.

NEW YORK CITY—Continental Iron & Steel Co., 2 Rector
Eagle Pipe Supply Co., 233 B'way
Hanshaft Max, 262 Front
Harris Burt., 30 Church
Kelleher John J., 89 Tomkins
Leaf E. B. Co., 50 Church
London N., 263 Front
Lowy D. & Co., 66 10th av
Metal & Thermit Corp., 120 B'way
Metropolitan Iron & Steel Co., 560 W 26th
Midgley & Prentice Inc., 30H Church
Oppenheimer J. & Co., 81 Fulton
Rubber Waste Co., 152 Lincoln
Schoolhouse J. Co., 293 Rider av
Smith Thos. & Son, 75 Pike Slip
Ziegler & Co., Morris av & 144th

Borough of Queens.

LONG ISLAND CITY—Daly Jno. J. Iron, Steel & Metal Co., 101 Nott av

(End of New York City)

OLEAN—Bock Leo
ROCHESTER—Coates, Bennett & Reidenbach
Millard Geo P. Co.
Rochester Iron & Metal Co., 325H St. Paul
Wilson Wm. H., Iron Woks
SYRACUSE—Hurwitz Bros. Iron & Metal Co.
TROY—Symansky Bros.
Troy Scrop Iron & Metal Co.
UTICA—Baxter T. W. Co.
WATERVLIET—Security Steel & Iron Co.

NORTH CAROLINA.

CHARLOTTE—Yarbrough & Bellinger Co.

OHIO.

AKRON—American Scrap Iron Co. (Rails, Beams, etc)
ALLIANCE—Galansky Thos.
CANTON—Canton Iron & Metal Co.
CINCINNATI—Fettig Jos., 1910 Plum
Hilb & Bauer, Union Tr. bldg
Hils Chas. L. Co., 832 Reedy
Joseph Isaac Iron Co., 528 Reading rd
Joseph Joseph & Bro. Co.
Klein & Cohn, 518 Hannibal
Moskowitz Bros., 7th & Freeman
Watelsky & Co., 307 Baymiller
CLEVELAND—Cohen M. & Son Co., 1252 E 55th
Fishel & Marks, ft. of Krakow av
See adv index at end of book
Grodin Bros., 1232 E 38th
Hirsch G. & Co., 437 Prospect
Kammer, Kriedman & Co., 3010 E 55th
Koblitz-Kohn Co., 2374 Canal rd
McCarthy W. B., Rose bldg
National Sales & Trading Co.
Sanger A. L., National City bldg
Schwarzenberg E. A., Guardian bldg
Shaw A. Co., 976 E 67th
Silberman Morris & Son, 2418 B'way
Silverman, H. & Co., 421 S Clinton
COLUMBUS—Kilbourne M. & Co., 24 W Mound
Schonthal Joseph Iron Co.
DAYTON—Dayton Iron & Metal Co.
Israel Bros. Iron & Metal Co.
ELYRIA—Elyria Belting & Machinery Co.
HAMILTON—Wolf & Co.
MARIETTA—Buckeye Supply Co.
La Crosse Scrap Iron & Metal Co.
Producers' Supply & Tool Co.
PIQUA—Ohio Scrap Iron & Metal Co.
Piqua Paper Box Co.
SANDUSKY—Cohen Jos. M.
Weier Bros.
SPRINGFIELD—Schadel J. & Co.
TOLEDO—Gerson L. & Son
Raymon David
Rosen Henry
Shuer-Woodruff Iron & Metal Co.
Toledo Iron & Supply Co. The, 651 Spencer
Toledo Scrap Iron & Metal Co., Ohio bldg
YOUNGSTOWN—Wilkoff Co.

PENNSYLVANIA.

ALLENTOWN—Fechheimer Steel & Iron Co.
Sofranscy H. Co.
ALTOONA—Abelson A.
BEAVER FALLS—Solomon Jos.
Solomon Moses
BIRDSBORO—Birdsboro Iron & Steel Breaking Co. (Ltd.)
COATESVILLE—Gerson Samuel
ERIE—Erie Iron & Metal Co.
Erie Iron & Steel Co.
FRANKLIN—Carnick R.
HARRISBURG—Harrisburg Iron & Steel Co.
Michlovitz & Co.
Williams & Freedman
JOHNSTOWN—Cambria Junk Co.
LEBANON—Brenner L. & Co.
Caplan Julius H.
Donaghmore Iron & Steel Co.
Lebanon Engineering & Supply Co.
MIDDLETOWN—Middletown Iron, Metal & Coal Co.
NORRISTOWN—Furlong Andrew J.
Mann Bros.
Norristown Iron & Steel Co.
PHILADELPHIA—Bers E. & Co., 330 S Delaware av
Caine John J., North American bldg
Dallett & Co., Harrison bldg
De Cou Richard Co., 12th & Noble
Dreifus Chas. Co., Pennsylvania bldg
Fraley's S. C. Sons, 515 Richmond
Gillingham H. F. & Co., 1013 N Front
Girard Iron & Metal Co., E York & Aramingo av
Goldstein's L. Sons, Allegheny bl. Richmond
Halpern Isaac Bros. & Co., 1333 N Front
Hitner's H. A. Sons Co. (Also Metals, etc.), 4501 Richmond
Hoffer Allen R. & Co., Penna. bldg
Houston C. B. & Co., Liberty bldg
Johnson Geo. T. & Co., Commercial Trust bldg
Johnson, Sharp & Co., Widener bldg
Keeley Jerome & Co., 421 Chestnut
Kensington Iron & Metal Co., 1011 E Susquehanna av
Law Ernest & Co., Harrison bldg
Leaf E. B. Co., Real Estate Trust bldg
Mohr J. J. & Son (Old Car Wheels, etc), Bullitt bldg
Newkirk Jno B. & Co., Harrison bldg
Purves Machinery & Iron Co., South & Water
SAMUEL FRANK, Harrison bldg
See adv index at end of book
Weil's Morris Sons, 837 N 3d
Wheeler, Mifflin & Co., Commercial Trust bldg
Wittmann N. B. & Co., Commercial Trust bldg
Wood A. M. & Co., Finance bldg
PITTSBURGH—Bell Bros., 27th & A. V. Ry
Dreifus Chas. Co., Oliver bldg
Green L. A., First Nat'l Bk. bldg
Hausman & Wimmer Co., 111 2d av
Jones J. B. & Co., 712 Lacock
Keystone Iron & Metal Co., Bessemer bldg
Koehler J. P. Co., 2837 Smilmn
Koehler & Streng Co., Noblestown rd
Levinson, Schubb & Caplan, 35 Pride
McLean Geo. A. & Co., 915 Beaver
Maloney T. J., A V R R & 29th
Moore Edgar M. & Co., Farmer's Bank bldg
Riccordino Angelo, 1014 Webster av
Soracco John J., 116 3d av
Speer M. B. & Co., 515 Reedsdale
Stalnaker Steel Co., Frick bldg
Streng M. Sons Co., River & Warfield
Timble H. N., Oliver bldg
PITTSTON—Adelson Mose D.
POTTSTOWN—Pollock Mayer
POTTSVILLE—Brenner & Weiner Co.
PUNXSUTAWNEY—Light A. L.
READING—Grieshaber Wm.
Luria Bros. & Co.
Isecovitz Morris
Ruttenberg Bros.
SCRANTON—Levi B. & Co.
SHARON—Sharon Iron & Metal Co.
Speer M. Iron & Metal Co.
WILKES-BARRE—Fisher E. J. & Co.
Shapiro Henry
WILLIAMSPORT—Bloom W. & Co.
YORK—Luria Rag Co.

RHODE ISLAND.

PROVIDENCE—Higgins J. H. Co., 198 Globe, Broadway
Pettis B. H. Co., 102 Harris av

TENNESSEE.

KNOXVILLE—Tillery J. F. Iron Co.
MEMPHIS—Memphis Iron & Metal Co.

TEXAS.

HOUSTON—Kaminsky Louis Co.

VIRGINIA.

RICHMOND—Cosby Clarence
Nott F. H.
Virginia Iron & Metal Co., 7th & Semmes.

WASHINGTON.

TACOMA—Wallis & Sons

WEST VIRGINIA.

CLARKSBURG—White W. F. & Co., 4 Linden

WISCONSIN.

KENOSHA—Northeastern Iron & Metal Co.
MILWAUKEE—Benesch Jos. & Co., 1264 S Pierce
Cassel A. A. Metal Co., 306 Milwaukee
Fox-Pioneer Scrap Iron Co.
Seeboth Bros. Co., 111 Reed
RACINE—Northwestern Iron & Metal Co.

13092— Scrap Lead

Bassman & Oislander, 217 Front, New York
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
California Iron Yards Co., 554 Bryant, San Francisco, Cal.
Capian Julius H., Lebanon, Pa.
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Erie Iron & Steel Co., Erie, Pa.
Harris Benj. & Co., 21st & Loomis, Chicago, Ill.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Knight J. T. & Son, Columbus, Ga.
Lehigh Chemical Co. Allentown, Pa.
Lehman Max Metal Co., 507 Newark, Hoboken, N. J.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Machinery & Equipment Co., Inc., 225 Sherman av, Newark, N. J.
Nelson Ira I., 10 High, Boston, Mass.
Sofranscy H. Co., Allentown, Pa.

13093— Scrap Paper

Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Erie Iron & Steel Co., Erie, Pa.

13094— Scrap Rubber

Adrian Iron & Metal Co., Adrian, Mich.
Albert L. & Son, Trenton, N. J.
Alliance Iron & Metal Co., Alliance, O.
American Iron & Metal Co., 140 Oliver, Boston, Mass.
Askan Rubber Co., Milford, Conn.
Barker A. Iron Co., Springfield, Ill.
Berry James & Son, Brockton, Mass.
Bers E. & Co., 330 S Del. av, Phila., Pa.
Berzen Nat. E., 232 South, New York
Bierman F. & Sons, St. Louis, Mo.
Binghamton Metal & Paper Co., Binghamton, N. Y.
Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.
Birnbaum Bros. & Sack, 133 Roosevelt, New York
Bloom W. & Co., Williamsport, Pa.
Blumberg L., 335 N 4th, Phila., Pa.
Buffalo Waste Paper Co., 98 Terrace, Buffalo, N. Y.
Carlson & Barger, Northampton, Mass.
Chapman & Resnick, 1361 S Morgan, Chicago, Ill.
Clapp C. H. & Co., 170 Summer, Boston, Mass.
Cohen D., Danville, Ill.
Coleman W. C. Co. (Imp & Exp), 161 Summer, Boston, Mass.
Contey Frank, 451 Whiton, Jersey City, N. J.
Cummings Wm. H. & Sons, 60 Harrison, New York
Dayton Iron & Metal Co., Dayton, O.
Du Pont E. I. de Nemours & Co. Inc. (Salvage & Reclamation Div.), Wilmington, Del. *See adv index at end of book*
Electric Rubber Reclaiming Co., Barberton, Ohio
Erie Iron & Metal Co., Erie, Pa.
Erie Iron & Steel Co., Erie, Pa.
Feinburg David Co., 11 B'way, Chelsea, Mass.
Feldman H. & Co., 324 S Delaware, Phila., Pa.
Fettig J., 1910 Plum, Cincinnati, O.
Frank Nathan & Sons, 1404 Mullikin, Baltimore, Md.
Frankel Bros. & Co., Rochester, N. Y.
Frederick Iron & Metal Co., 235 Harrison, Baltimore, Md.
Friedman Chas., 5 Beacon, Newark, N. J.
Galansky Thos., Alliance, O.
Gilinsky M., Trenton, N. J.
Globe Iron & Metal Co., 116 Key Highway, Baltimore, Md.
Goldwater J. M., 943 N American, Phila., Pa.
Grieshaber Wm., Reading, Pa.
Grimm Paul, 284 Front, New York
Grodin Bros., 1233 E 38th, Cleveland, O.
Gumbinsky Oscar & Bros., Kalamazoo, Mich.
Hanshaft Max, 262 Front, New York
Harding L. & Sons, Omaha, Neb.
Hausman & Wimmer Co., 111 2d, Pittsburgh, Pa.

SCRAP RUBBER—continued
Helper Bros., Bay City, Mich.
Hils Chas. L. Co., 832 Reedy, Cincinnati, Ohio
Jameson, Rabinovitch & Jameson, 1510 Newberry av, Chicago, Ill.
Kaplan L., Salem, O.
Kilbourne M. & Co., 24 W Mound, Columbus, O.
Klein & Cohn, 518 Hannibal, Cincinnati, Ohio
Knight Iron & Metal Co, 27th to 28th & 1st av, Birmingham, Ala.
Knight J. T. & Son, Columbus, Ga.
Koblitz-Kohn Co., 2374 Canal rd, Cleveland, O.
Leonardis P. & Sons, 57 River, Newark, N. J.
Levi M. A., Rochester, N. Y.
Loewenthal Co., 23 Heywood, Brooklyn, N. Y.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Loveland A. C. & Co., Hartford, Conn.
Lublin B. & Son, Hartford, Conn.
Luria Rag Co., York, Pa.
McCrery Philip, Trenton, N. J.
McTague Martin F., 1221 Bainbridge, Phila., Pa.
Meyer Bros., 234 Front, Philadelphia, Pa.
Millard Geo. P. Co., Rochester, N. Y.
Moskowitz Bros., 7th & Freeman, Cincinnati, O.
Muehlstein H. & Co., 114 W Van Buren, Chicago, Ill.
Naporano Louis, 17 Van Buren, Newark, N. J.
Nelson Ira I., 10 High, Boston, Mass.
Norton Daniel R., Albany, N. Y.
Norton M. & Co., Charlestown, Boston, Mass.
Nott F. H., Richmond, Va.
Omaha Metal & Rubber Co., Omaha, Neb.
Oppenheimer & Co., Buffalo, N. Y.
Pittsfield Junk Co., Pittsfield, Mass.
Raymond Rubber Co, Titusville, N. Y.
Riccordino A., 1010 Webster, Pittsburgh, Pa.
Rosenberg Bros., Chelsea, Mass.
Rosenthal H. A., Trenton, N. J.
Rosenthal's J. Sons, 190 W. Berks, Phila., Pa.
Rubber & Metal Supply Co., 157 South, New York
Rubber Waste Co., 152 Lincoln, New York
San Giacomo Sons, 9 Abel, Newark, N. J.
Sarachan & Rosenthal, Rochester, N. Y.
Schnurmann J. (Imp.), 30 Church, New York
Sofranscy H. Co., Allentown, Pa.
Sonken Galamba Iron & Metal Co., North 2nd, Kansas City, Kans.
Staiman Bros., Williamsport, Pa.
Stedman J. H. Co., South Braintree, Mass.
Topper Bros., Kimball & Mitchell, Columbus, O.
Trenton Scrap Rubber Supply Co., Trenton, N. J.
Ullman D. Sons, Buffalo, N. Y.
Verrone L., 209 Charlton, Newark, N. J.
Watelsky & Co., 307 Baymiller, Cincinnati, O.
Wells M. Sons, 837 N 3d, Phila., Pa.
West Side Metal Refining Co., 1447 S Sangamon, Chicago, Ill.
Yorkville Scrap Rubber & Metal Co., 268 W 53d, New York

13095— Scrap Tin

Bassman & Oislander, 217 Front, New York
Birnbaum Bros. & Sack, 133 Roosevelt, New York
Brooklyn Alloys Co., 17 Walton, B'klyn, N. Y.
Caplan Julius H., Lebanon, Pa.
Erie Iron & Steel Co., Erie, Pa.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Lehman Max Metal Co., 507 Newark, Hoboken, N. J.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Nelson Ira I., 10 High, Boston, Mass.
Rosenblatt Wm. (Inc.), 262 Water, New York
Rothschild R., 207 Norman av, Brooklyn, N. Y.
Sofranscy H. Co., Allentown, Pa.

13096— Scrap Zinc

Bassman & Oislander, 217 Front, New York
California Iron Yards Co., 554 Bryant, San Francisco, Cal.
Caplan Julius H., Lebanon, Pa.
Erie Iron & Steel Co., Erie, Pa.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Knight J. T. & Son, Columbus, Ga.
Lehman Max Metal Co., 507 Newark, Hoboken, N. J.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Nelson Ira I., 10 High, Boston, Mass.

13097—Scraper-Sets (Carbon)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Wilkins Geo. H., 180 N Market, Chicago, Ill.

13098— Scrapers (Bakers')

Watkins James Y. & Son, 20 Catherine, New York

13099— Scrapers (Bearing)

Buffum Tool Co. ("Swastika," Three Cornered Automobile, Curved & Engineers' Sets), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Harrold Tool & Forge Co. (Hand Forged), Columbiana, O.
Marcy Tool Works, Putnam, Conn.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Vichek Tool Co. ("Vichek," Machinists' Automobile & Non-Chatering), 8701 Mt. Auburn av, Cleveland, O.
Wilkins, Geo. H., 180 N Market, Chicago, Ill.

Scrapers (Boiler Flue or Tube)

See Cleaners, Boiler Flue or Tube

13100—Scrapers (Box & Plumbers')

Atkins E. C. & Co. (Floor & Cabinet Bench), Indianapolis, Ind.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Bridgeport Hardware Mfg. Corp. ("Perfection"), Bridgeport, Conn.
Browne & Dowd Mfg. Co. (Plumbers), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Chapin-Stephens Co., Pine Meadows, Conn.
Dicke Tool Co. (Also Barrel), Downers Grove, Ill.
Drew C. & Co., Kingston, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Potter Mfg. Co. (Triangular Steel Blade, Box Only), Geneva, O.
Sargent & Co. ("New Haven Edge Tool Co."), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
U. S. Bottlers' Machinery Co. ("Marxoff," "U. S."), 2511 Park av, Chicago, Ill.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Box Only), 2114 Carroll av, Chicago, Ill.
Weston Thos. B. (Box), 708 Light, Baltimore, Md
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

13101—Scrapers (Broom Corn)

Shaw, Welsh & Co. ("Galesburg"), Galesburg, Ill.

13102—Scrapers (Butchers' Block)

Barr Bros., Oakland, Cal.
Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chatillon John & Sons, 85 Cliff, New York
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worcester Brush & Scraper Co., Worcester, Mass.

13103—Scrapers (Cabinet, Etc.)

Bishop Geo. H. & Co., Lawrenceburg, Ind.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buckeye Mfg. & Fdry. Co., 2046 W 55th, Cleveland, Ohio
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Sargent & Co., New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Weber Mfg. Co., West Allis, Wis.

Scrapers (Carbon)

See Scraper-Sets, Carbon

13104— Scrapers (Coke)

Mineral Ridge Mfg. Co., Mineral Ridge, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Niles Mine & Mill Supply Co., Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

13105-6—Scrapers (Confectioners' & Bakers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Marine Hardware Equipment Co., South Portland, Me.
See adv index at end of book

13107— Scrapers (Cotton)

Avery B. F. & Sons, Louisville, Ky.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co. (White), Louisville, Ky.
Empire Plow Co., 3140 E 65th, Cleveland, Ohio
Hall Jas. H. Plow Co., Maysville, Ky.
Hartig W. F. Plow Co., Evansville, Ind.
Ohio Cultivator Co., Bellevue, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Southern Plow Co., Columbus, Ga.
Towers & Sullivan Mfg. Co., Rome, Ga.

Scrapers (Drag Wheel)

See Road Scrapers, Drag & Wheel

13108— Scrapers (Floor)

Dikeman Mfg. Co. ("Dikeman," Hand Rest, for Floors, Woodwork, etc), Norwalk, Conn.
Duncan Bros. & Wray Co. ("Perfection," "Wray"), Ludlow Falls, O.
Foote I. B. Foundry Co., Fredericktown, Ohio
Fox Supply Co., Brooklyn, Wis.
Getz M. & Co., 162 First, San Francisco, Cal.
Goodell-Pratt Co., Greenfield, Mass.
Haven Mfg. Co. ("Haven"), Racine, Wis.
Kepplinger Geo. J. ("Boss"), Dwight, Ill.
Kuster J. A. ("Common Sense"), Plymouth, Wis.
Little Giant Co. ("Little Giant"), 511-513 Madison, Maywood, Ill.
MacLeod Mfg. Co., 2640 Greenview av, Chicago, Ill.
Nicholls Mfg. Co. ("Nicholls" Non-Vibrating), Ottumwa, Ia.
Osborn Mfg. Co. (Squeezers), 5401 Hamilton, Cleveland, O.
Rock Island Mfg. Co. ("Black Hawk"), Rock Island, Ill.
Schlueter M. L., 225 W Illinois, Chicago, Ill.
STARRETT L. S. CO. (THE) (For Floors, Benches, etc.), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stortz John & Son, 210 Vine, Phila., Pa.
Weber Mfg. Co., West Allis, Wis.

13109— Scrapers (Foot)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
National Mfg. Co. (Self-Cleaners, "Upright," Wrought Steel), Sterling, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt Wm. E. Mfg. Co. (Steel), 35 W Lake Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Steel), Aurora, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Sterling Foundry Co. (For Concrete Walks), Sterling, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
Weller Hdwe. & Fdry Co. (Cast), Horseheads, N. Y.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

13110— Scrapers (Hog)

Brecht Co., 1201 Cass av, St. Louis, Mo.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Butchers Supply Co. (Revolving Belt), 2008 Central av, Cincinnati, O.
Hessler H. E. Co. (Reversible), Syracuse, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Rollman Mfg. Co. (Ltd.) (Flange), Mt. Joy, Pa.
Superior Sheet Metal Works Co. (Double End), 3201 Roosevelt av, Indianapolis, Ind.
Troy File Works (Reversible), Troy, N. Y.
Vaughan & Bushnell Mfg. Co. ("V. & B." Sheet Steel), 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

13111—Scrapers (Ice Cream Can)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Giles & Nielsen Nickel Works, Troy, N. Y.
Maag August Co., 509 W Lombard, Baltimore, Md.
Stortz John & Son, 210 Vine, Phila, Pa.

Scrapers (Kettle)

See Scrapers, Pot & Kettle

13112—Scrapers (Machinists')

Disston Hy. & Sons (All Kinds), Tacony, Phila., Pa.

Scrapers (Miners')

See Miners' Needles & Scrapers

13113-4—Scrapers (Painters' & Paperhangers')

Allen A. & Co., 2001 Carpenter, Phila., Pa.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Browne & Dowd Mfg. Co., Meriden, Conn.
Bullock Mfg. Associates, Springfield, Mass.
Cassady Fairbank Mfg. Co. (Painters' Wall, etc), 6126 S La Salle, Chicago, Ill.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Meriden Cutlery Co., Meriden, Conn.
Ontario Knife Co., Franklinville, N. Y.
White Ira F. & Son Co., Bloomfield, N. J.

13115—Scrapers (Placer Dredging)

Seattle Machine Works (Automatic), 51 W Lander, Seattle, Wash.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

13116— Scrapers (Plate)

Cassady Fairbanks Mfg. Co. ("Foskett" Noiseless), 6126 S La Salle, Chicago, Ill.
Racine Iron & Wire Works, Racine, Wis.

13117—Scrapers (Pot & Kettle)

See also Chains, Pot

Browne & Dowd Mfg. Co. ("Gem"), Meriden, Conn.
Cassady Fairbank Mfg. Co. (Flexible, Ball Joint, "Buckeye"), 6126 S La Salle, Chicago, Ill.
Christy Knife Co. (Flexible), Fremont, O.
Kohler F. E. Co. (Flexible), Canton, O.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Royal Mfg. Co., 406 Commerce, Phila., Pa.
Stortz John & Son, 210 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible" Chain), Rochester, N. Y.
Vaughan Novelty Mfg. Co. ("Gem"), 711 Fulton, Chicago, Ill.

13118—Scrapers (Road & Pavement)

Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Lay Jos. Co. (Steel Push), Ridgeville, Ind.
Toy W. M. & Co. (Automatic), 10 E Shelby, Sidney, O.

13119—Scrapers (Ship & Tree)

Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chapin-Stephens Co., Pine Meadows, Conn.
Drew C. & Co., Kingston, Mass.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Marine Hardware Equipment Co. ("Acme" & "Mheco"), South Portland, Me.
See adv index at end of book
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
NICHOLS BROS. ("Nichols Bros" Ship), Greenfield, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbus, Buffalo, N. Y.
Wilcox, Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

Scrapers (Sidewalk)

See Cleaners, Pavement

13119a—*Scrapers (Sleet)

Nuttall R. D. Co. (For Removing Sleet from Trolley Wires), Pittsburgh, Pa.
See adv index at end of book

13120-1—Scrapers (Snow, for Cars)

Gifford-Wood Co., Hudson, N. Y.
Root Spring Scraper Co. ("Root," Spring Scrapers), Kalamazoo, Mich.
St. Louis Car Co. (For Railroads), 8000 N B'way, St. Louis, Mo.

13122— Scrapers (Stove)

American Mfg. Co. ("No-Rust"), Chattanooga, Tenn.
Auer John Jr. (Wrought Stove Flue), 197 Middleton, Brooklyn, N. Y.
Fanner Mfg. Co., Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Nut & Bolt Co., Berea, O.
Parker Wire Goods Co. (For Stove Flues), Worcester, Mass.
Stover Mfg. & Engine Co., Freeport, Ill.
Wehrle Co., Newark, O.
Wire Goods Co. (For Stove Flues), Worcester, Mass.

13123— Scrapers (Street)

Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Royal Steel Products Co. (Steel), 1440 B'way, New York
Toy W. M. & Co., 10 E Shelby, Sidney, O.

13124—Scrapers (Sweat, for Horses)

North & Judd Mfg. Co. ("Anchor Brand" Flexible), New Britain, Conn.

13124a— Scrapers (Track)

See also Cleaners, Track

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book

13125— Scrapers (Wall)

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Bullock Mfg. Associates, Springfield, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "Clark's"), 71 Murray, New York
Kohler F. E. Co., Canton, O.
Ontario Knife Co., Franklinville, N. Y.
Reading Saddle & Mfg. Co., Reading, Pa.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 H B'way, New York; 130 H Colt, Irvington, N. J.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Utility Mfg. Co. ("Ziegler," Four Edge), 11 N 6th, Phila., Pa.
White Ira F. & Son Co., Bloomfield, N. J.

13126-7— Scrapers (Wire)

Dicke Tool Co. ("Perry"), Downers Grove, Ill.
Sibley Pitman Electrical Corp. ("Climax"), 190 6th av, New York

Scratch Brushes (Wire)

See Brushes, Steel Wire

13128— Screen Door Sets

Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

13128a— Screens (Bagging)

Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Ross Wm. & Co. (Potato), 407H N Peoria, Chicago, Ill.

13129—Screens (Bank Counter)

Art Metal Construction Co., Jamestown, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
California Artistic Metal & Wire Co. (Bronze), 349 7th, San Francisco, Cal.
Dahlstrom Metallic Door Co. (Metal), 413 Buffalo, Jamestown, N. Y.
Gorham Co., Archi Bronze, 5th & 36th, New York
Scranton Iron & Steel Co., Scranton, Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

13130— Screens (Bar)

Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Savage W. J. Co., Knoxville, Tenn.
Scranton Iron & Steel Co., Scranton, Pa.

13131— Screens (Car)

ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book
Nedrow Mfg. Co., Caledonia, N. Y.
Scranton Iron & Steel Co., Scranton, Pa.
St. Louis Car. Co., 8000 N B'way, St. Louis, Mo.
Watson Mfg. Co., Jamestown, N. Y.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13132—Screens (Clay & Cement)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Anderson Foundry & Machine Works (Revolving), Anderson, Ind.
Chambers Bros. Co. ("H. C. Virgin," For Clay Only), 52d, bel. Lancaster av, Phila., Pa.
Cleveland Wire Cloth & Mfg. Co. (Cement Cloth, 3574 E 78th, Cleveland, O.
See adv index at end of book
Cross Engineering Co., Carbondale, Pa.
Dunlap Mfg. Co., Bloomington, Ill.
ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Howard & Morse, 45 Fulton, New York
Industrial Supply Co., Keokuk, Ia.
International Clay Machinery Co., Dayton, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
Ludlow-Saylor Wire Co., 913 Pine, St. Louis, Mo.
Manufacturers' Equipment Co., Dayton, O.
Multi-Metal Separating Screen Co. (Double Crimped Cement), 251 W 19th, New York
NEWARK WIRE CLOTH COMPANY, 223 Verona av, Newark, N. J.
See adv index at end of book
Peerless Wire Goods Co., Lafayette, Ind.
Scranton Iron & Steel Co., Scranton, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2nd & Lombard, St. Louis, Mo.
Traylor Engng. & Mfg. Co. (Cement), Allentown, Pa. *See adv index at end of book*
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

Screens (Coal)

See Screens, Sand, Coal & Gravel; also Screens, Revolving & Shaking

13133— Screens (Cylindrical)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Case J. I. Threshing Machine Co. (for rock), Racine, Wis.
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Hendrick Mfg. Co., Carbondale, Pa.
Howard & Morse, 45 Fulton, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Johnston & Chapman Co. ("John O'Laughlin's"), 2925 Carroll av, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Savage W. J. Co., Knoxville, Tenn.
Scranton Iron & Steel Co., Scranton, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

13134— Screens (Decorative)

Aeroshade Co., Waukesha, Wis.
Burrowes E. T. Co. (Folding), Portland, Me.
Lamb Geo. L. (Folding, etc), Nappanee, Ind.
Syracuse Screen & Grille Co. (Folding, etc), North Manchester, Ind.

13135-6—Screens (Diaphragm)

Baker Mfg. Corp. ("Monarch" for Paper Mills), Saratoga Springs, N. Y.
Harmon C. A. & Sons ("Harmon" for Paper Mills), Watertown, N. Y.

Screens (Door)

See Screens, Window & Door

13137-8—Screens (Fat & Bone Washing, Etc.)

LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

13139— Screens (Filter)

Ludlow-Saylor Wire Co. (Copper), 913 Pine, St. Louis, Mo.
Newark Wire Cloth Company, 223 Verona av, Newark, N. J.
See adv index at end of book
Standard Wire Co. ("Danck" for Sugar Plants), New Castle, Pa.

Screens (Fire Place)

See Fire Place Furnishings

13140— Screens (Fish)

Burpee & Letson, Ltd. ("Rowley" for Irrigated Ditches)' Bellingham, Wash.

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13141—Screens for Water Works

Coldwell-Wilcox Co. (For Purifying Water), Newburgh, N. Y.
Howard & Morse, 45 Fulton, New York
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13142— Screens (Foundry)

Belmer H. Co., 628 W 3d, Cincinnati, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Howard & Morse, 45 Fulton, New York
MEYERS FRED. J. MFG. CO., Hamilton, O. *See adv index at end of book*
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13143—Screens (Gravel Washing)

Beckley Perforating Co. (Triple, for Sand & Gravel), Garwood, N. J.
Biesanz Stone Co., Winona, Minn.
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros. 444 E Pearl, Cincinnati, O.
Peerless Wire Goods Co. (Wire), Lafayette, Ind.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Stephens-Adamson Mfg. Co. ("S. A."), Aurora, Ill.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13144— Screens (Gravity)

HOLMES ROBT. & BROS. (For Coal Mines), Danville, Ill.
See adv index at end of book
LINK-BELT COMPANY, 300 W. 39th, Chicago, Ill. *See adv index at end of book*
Savage W. J. Co., Knoxville, Tenn.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
William A. Box Iron Works Co., 330 Blake, Denver, Colo.

13144a— Screens (Grizzly)

Robins Conveying Belt Co., 13 Ann, New York

13144b—Screens (Insect Wire)

Kane Mfg. Co. ("Kane Quality" Rustless Window & Door), Kane, Pa.
Nedrow Mfg. Co., Caledonia, N. Y.

13144c—Screens (Laboratory)

Mine & Smelter Supply Co., Denver, Colo.
Multi Metal Co., Inc., 251 W 19th, New York
NEWARK WIRE CLOTH CO., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Sturtevant Mill Co., Clayton & Park, Dor., Boston, Mass.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

13145—Screens (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

13146— Screens (Mining)

Allis-Chalmers Mfg. Co. (Coal Shaking), Milwaukee, Wis.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
City Boiler & Machine Co., 939 W 8th, Kansas City, Mo.
CLEVELAND WIRE CLOTH & MFG. CO. (Specialty & Heavy Grade), 3574 E 78th, Cleveland, O.
See adv index at end of book
Colorado Iron Works Co., Denver, Col.
Columbiana Boiler Co., Columbiana, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cross Engineering Co., Carbondale, Pa.
Denver Eng. Works Co., Denver, Colo.
Eagle Iron Works, Des Moines, Ia.
Eagle Iron Works Co. (Shaking, etc), Terre Haute, Ind.
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Fairmont Mining Machinery Co., Fairmont, W. Va.
Galena Iron Works Corp. ("Trom nell"), Galena, Ill.
Galigher Machinery Co. ("Callow" Traveling Belt), Salt Lake City, Utah
Hallidie Co. (Revolving), Spokane, Wash. *See adv index at end of book*
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hendrick Mfg. Co., Carbondale, Pa.
Hendrie & Bolthoff Mfg. & Supply Co. ("Bunker Hill"), Denver, Colo.
Howard & Morse, 45 Fulton, New York
Hunt E. H. & Co. (Coal, etc), Wilkes-Barre, Pa.
Laubenstein Mfg. Co., Ashland, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lucas A. & Sons (Shaking), 1329 S Washington, Peoria, Ill.
Ludlow-Saylor Wire Co. (Double Crimped), Newstead av cor Wabash R R, St. Louis, Mo.
McFarlane Mfg. Co., Denver, Colo.
Marion Mach. Fdry. & Supply Co., Marion, Ind.
Mecklenburg Iron Works, Charlotte, N. C.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Morse Bros. Machinery & Supply Co. ("Wild"), Denver, Colo.
Multi-Metal Co., 251 W 19th, New York
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
NEWARK WIRE CLOTH COMPANY, 223 Verona av, Newark, N. J.
See adv index at end of book
Niles Mine & Mill Supply Co., Niles, O.
Prox Frank Co., Terre Haute, Ind.
Remaly Mfg. Co., Tamaqua, Pa.
Savage W. J. Co., Knoxville, Tenn.
Scranton Iron & Steel Co., Scranton, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Smith Engineering Works, 3191 Locust, Milwaukee, Wis.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southwest Wire & Iron Works Co., Kansas City, Mo.
Stephens-Adamson Mfg. Co. ("S.-A."), Aurora, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
United Iron Works, Inc., Kansas City, Mo.
Urie-Snyder Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webb City & Carterville Foundry & Machine Works ("Henry," Ore Sizing), Webb City, Mo.
West Pittston Screen Works (Wire Coal Screens), West Pittston, Pa.
See adv index at end of book
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
William A. Box Iron Works Co., Denver, Colo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

13146a—Screens (Outdoor Sleeping Room)

Nedrow Mfg. Co., Caledonia, N. Y.

13146b— Screens (Oyster)

Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*

13147—Screens (Paper Mill)

Baker Mfg. Corp. (Centrifugal), Saratoga Springs, N. Y.
Bird Machine Co. ("Bird" Rotary), East Walpole, Mass.
Harmon C. A. & Son, Watertown, N. Y.
Improved Paper Machinery Co., Nashua, N. H.
Jolly J. & W. (Inc.) ("White," Oscillating), Holyoke, Mass.
Moore & White Co. ("M & W" Rotary), N 15th & Lehigh av, Phila, Pa.
Ryther & Pringle Co. (Bafanced Shaker Chip), Carthage, N. Y.
Waterville Iron Works (Pulp Wood Chip Screen), Waterville, Me.

13148—Screens (Perforated, for Coal, Etc.)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Knoxville Foundry & Machine Co., Knoxville, Tenn.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Scranton Iron & Steel Co., Scranton, Pa.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13149— Screens (Porch)

Nedrow Mfg. Co., Caledonia, N. Y.

13150— Screens (Projection)

Genter J. H. Co., Newburgh, N. Y.
Minusa Cine Screen Co., 2665 Morgan, St. Louis, Mo.
Radium Gold Fibre Screen Co., 220 W 42d, New York
Williams Brown & Earle, 918 Chestnut, Phila., Pa.

13151—Screens (Revolving Water)

Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

13152—Screens (Revolving & Shaking)

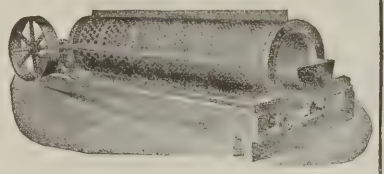
Acme Road Machinery Co., Frankfort, N. Y.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Pulverizer Co. ("American" Revolving), 1729H Austin, St. Louis, Mo.
American Road Machinery Co. ("Champion"), Kennett Square, Pa.
Austin Mfg. Co., 910H S Michigan av, Chicago, Ill.

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BARTLETT C. O. & SNOW CO. ("Triumph" Revolving for Coal, Rock, Sand & Gravel, etc.), French, Cleveland, O. *See adv index at end of book*
Beckley Perforating Co. (Perforated Metal, for All Purposes), Garwood, N. J.
Bonnot Co. (Clay Working), Canton, O.
Brainard Pulverizer Co., Old Colony bldg, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
Cross Engineering Co., Carbondale, Pa.
Day J. H. Co. (Sands, Clay, etc.), Cincinnati, O.
Dull Raymond W. Co. (Stone), 111 W Washington, Chicago, Ill.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works, Des Moines, Ia.
Eagle Iron Works Co., Terre Haute, Ind.
Fairmont Mining Machy Co., Fairmont, W. Va.
Haiss Geo. Mfg. Co. (Revolving Only), 141st & Rider av, New York
Hallidie Co. (Revolving for Mines), Spokane, Wash. *See adv index at end of book*
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Fdry & Mach. Co., Fairmont, W. Va.
Hendrick Mfg. Co. (Revolving Only), Carbondale, Pa.
Herzler & Henninger Machine Works, Belleville, Ill.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Holmes Robert & Bros., Danville, Ill. *See adv index at end of book*
Howard & Morse, 45 Fulton, New York
KENNEDY VAN SAUN MFG. & ENG. CORP. (Trommels, Pulsating), 120 Broadway, New York *See adv index at end of book*
Knoxville Foundry & Machine Co., Knoxville, Tenn.
LINK-BELT COMPANY ("Link-Belt" for Coal, Phosphate, etc.), 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E. Pearl, Cincinnati, Ohio
Lucas A. & Sons (Shaking), 1329 South Washington. Peoria, Ill.
Ludlow-Saylor Wire Co. (Revolving), 913H Pine, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Morrow Mfg. Co. ("Independent" Shaker Screen), Wellston, O.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co. ("Ottumwa" Mine), Ottumwa, Ia.
Prox Frank Co., Terre Haute, Ind.
Pyott Co., 1401 W North av, Chicago, Ill.
Robins Conveying Belt Co., 13 Ann, New York
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Savage W. J. Co., Knoxville, Tenn.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St Louis, Mo.
Smith Engineering Works, 3191 Locust, Milwaukee, Wis.
Steel & Condit ("Condit," Roller Bearing Revolving), 74 Pearl, Jersey City, N. J.
Stephens Adamson Mfg. Co. ("S.-A" Revolving), Aurora, Ill
Sturtevant Mill Co. (Vibrating), Clayton & Park, Boston, Mass.
TRAYLOR ENGNG. & MFG. CO., Allentown, Pa. *See adv index at end of book*
United Iron Works, Inc., Kansas City, Mo.
Universal Road Machinery Co., Kingston, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker & Elliott ("For Fertilizing Material"), Wilmington, Del.
Waterloo Cement Machinery Corp., Waterloo, Ia.
WEBSTER MFG. CO., 4500-60 Cortland, *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, **Chicago, Ill.**
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

13153—Screens (Roller Window)

Invisible Roll Screen Co. ("Invisible"), East av, Long Island City, L. I.
McGarvey Ulrick A., Phelan bldg, San Francisco, Cal.
Nedrow Mfg. Co., Caledonia, N. Y.
Rust Proof Roller Window Screen Co., Clyde, O.
Watson Mfg. Co. (Metal), **Jamestown, N. Y.**

13154— Screens (Rolling)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Rolup Screen Co., 17 Battery pl, New York
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13155— Screens (Rotary)

Austin Mfg. Co., 910H S Michigan av, Chicago, Ill.
Bird Machine Co. ("Bird" for Paper Mills), East Walpole, Mass.
Black-Clawson Co. ("Lamont"), Hamilton, Ohio
Lansing Co. ("Converse" for Building Materials), Lansing, Mich.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
United Iron Works, Kansas City, Mo.
Universal Crusher Co., Cedar Rapids, Ia.
Voith J. M. Co., Inc., 200 5th av, New York
Weller Mfg. Co., 1856 N Kostner av, **Chicago, Ill.**

Screens (Safe Deposit)

See Screens, Bank Counter

13156—Screens (Sand, Coal & Gravel)

Acme Road Machinery Co., Frankfort, N. Y.
Austin Mfg. Co., 910H S Michigan, Chicago, Ill.
Barbee Wire & Iron Works, 111 Washington, Chicago, Ill., & Lafayette, Ind.
Barker S. G. & Son (Coal Only), Scranton, Pa.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Bigelow Cheney Wire Works, Springfield, Mass.
BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Card C. S. Iron Works Co., Denver, Col.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cement Tile Machinery Co. ("S. & S," Revolving for Sand & Gravel), Waterloo, Ia.
Chalmers-Williams Mfg. Co. (Sand & Gravel), 1461 Arnold, Chicago Heights, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CLEVELAND WIRE CLOTH & MFG. CO., 3574 E 78th, Cleveland, O. *See adv index at end of book*
Converse F. S. Co. (Rotary), Johnson City, N. Y.
Cross Engineering Co., Carbondale, Pa.
Darby Edward & Sons Co., 412 N 18th, Phila., Pa.
Dufur & Co., 311 N Howard, Baltimore, Md.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Eagle Iron Works (Coal Only), Des Moines, Ia.
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Fdry & Mach. Co., Fairmount, W. Va.
Hesse-Martin Iron Works, 468 E Taylor, Portland, Ore.
Howard & Morse, 45 Fulton, New York
Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Lansing Co., Lansing, Mich.
Koller E. L. Mfg. & Coal Chute Co. (Coal Only), 276 Sussex av, Newark, N. J.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lucas A. & Sons (Coal Only), 1329 S Washington, Peoria, Ill.
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meyers Fred, J. Mfg. Co., Hamilton, O. *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
Morss & Whyte Co., Sidney & Pilgrim Cambridge, Mass.
Mundt Chas. & Sons, 53 Fairmount av Jersey City, N. J
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J. *See adv index at end of book*
New Jersey Wire Cloth Co., Trenton, N. J. *See adv index at end of book*
Nichols E. M. ("Nichols"), 212 W Washington sq., Phila., Pa.
Northwestern Steel & Iron Wks., Eau Claire, Wis.
Peerless Wire Goods Co., Lafayette, Ind.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Plocher Andrew Sons Co., Dayton, O.
Roberts & Schaefer Co. ("Kelly" Horizontal Coal), 332 S Michigan av, Chicago, Ill.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Savage W. J. Co., Knoxville, Tenn.
Scranton Iron & Steel Co., Scranton, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Seitzinger J. G., Wilkes-Barre, Pa.
Smith Engineering Works, 3191 Locust, Milwaukee, Wis.
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smith John P. & Co., New Haven, Conn.
South Side Foundry & Machine Works, Charleston, W. Va.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Spokane Culvert & Tank Co., Spokane, Wash.
Steel Basket Co., Cedar Rapids, Ia.
Success Mfg. Co., Gloucester, Mass.
Syracuse Wire Works, 101 University av, Syracuse, N. Y.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Union Steel Products Co. (Ltd.), ("Union" Sand & Gravel), Albion, Mich.
Universal Crusher Co., Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
Waterloo Cement Machy. Corp., Waterloo, Iowa
WEBSTER MFG. CO., 4500-60 Cortland, *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
What Cheer Wire Works, 157 Dorrance, Providence, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
William A. Box Iron Works Co., 3309 Blake, Denver, Colo.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

13157— Screens (Sewage)

Merritt Hydraulic Co. ("Weand" & "Merritt-Miller," Rotary, "Priestman" Stationary), 110 N Broad, Phila., Pa.

13158—Screens (Steam Pipe Covering)

Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

Screens (Stone)

See Screens, Revolving & Shaking

13159— Screens (Suction)

Sandy Hill Iron & Brass Works ("Packers" Diaphragm for Paper Mills), Hudson Falls, N. Y.

13159a— *Screens (Sugar)

Bennett Wire Co., 405 Lexington av, New York *See adv index at end of book*
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O.
See adv index at end of book

Screens (Threshing)

See Separators Grain

13160-1—Screens (Traveling Belt)

Galigher Machinery Co. ("Callow"), Salt Lake City, Utah

13162— *Screens (Vibrating)

STURTEVANT MILL CO., Clayton & Park, Dorchester, Boston, Mass.

13163— Screens (Well)

Carbo Corp. Steel Poducts Co., 2600 W 111th Morgan Park Station, Chicago, Ill.
Johnson E. E. ("Johnson"), St. Paul, Minn
Layne & Bowler Co., 900 Santa Fe av (For Irrigation Wells), Houston, Texas
LAYNE & BOWLER CORP., 900 Santa Fe av, Los Angeles, Cal.
See adv index at end of book
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Stancliff Well Screen & Mfg. Co., Houston, Tex
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.

13164— Screens (Window, Metal Frame)

Acme Metal Mfg. Co., 220 W Huron, Chicago, Ill.
American Screen Co., Brookline, Mass.
Baker W. J. Co., Newport, Ky.
Bartlett W. W., Leominster, Mass.
Cincinnati Mfg. Co. ("Cin-Man-Co."), Cincinnati, O.
Columbus Iron Works (Wholesale Mfrs.), Columbus, Ga.
Continental Co. ("Continental," "Philadelphia," "Porter," "Washash," "Queen Anne," "Phillips," "Sherwood"), Book bldg, Detroit, Mich.
Geneva Mfg. Co. ("Steinfeld"), Geneva, Ill.
Higgin Mfg. Co., Newport, Ky.
Metallic Screen Co. (Adjustable), Collins, Wis.
Milliken-Kellam Co., Newton, N. J.
Nedrow Mfg. Co., Caledonia, N. Y.
Peerless Steel Shuttler Co., Lyric bldg, Richmond, Va.
Rollaway Screen Co., ("Roll-a-way" Metal), Burlington, Vt.
Sherwood Metal Working Co., Syracuse, N. Y.
Sidney Specialty & Novelty Co., Sidney, N. Y.
Snow Franklin A. Co., 79 Milk, Boston, Mass.
Watson Mfg. Co. (Bronze & Steel), Jamestown, N. Y.

13165—Screens (Window & Door)

Wholesale Manfacturers are so Indicated Between their Name & Address

Adams & Kelly Co., Omaha, Neb.
Agee Screen Co., Ft. Worth, Tex.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Screen Co. (Wholesale Mfrs.), Brookline, Mass.
American Screen Mfg. Co., Kansas City, Mo.
Bostwick-Goodell ("Victoria"), Norwalk, Ohio
Burlington Venetian Blind Co., Burlington, Vt.
Burrowes E. T. Co. (Wood & All-Metal Screens, Insect), Portland, Me.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia
Carter Mfg. Co., Keokuk, Ia.
Cincinnati Fly Screen Co., Cincinnati, O.
Cincinnati Mfg. Co. (Metal to Order Only), Cincinnati, O
Continental Co. (Metal & Wood, Wholesale Mfrs.), Book bldg, Detroit, Mich.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis
Dallas Screen Co., Dallas, Tex.
Disappearing Roller Screen Co., 2544 W Pico, Los Angelese, Cal.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Fish A. E. & Co., Keene, N. H.
Fli-Bac Screen Corp. ("Fli-Bac" Window), H Circle, Rochester, N. Y.
Freeman Chas. A. Mfg. Co. (Sliding), 201 Washington, Boston, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Gordon, Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Grand Rapids Screen Co., Grand Rapids, Mich.
Higgin Mfg. Co. (Metal), Newport, Ky.
Hillsdale Screen Co., Hillsdale, Mich.
Hipolito Screen & Sash Co., Los Angeles, Cal.
Huebner Screen Door Co., 1961 Farnsworth, Detroit, Mich.
Huttig Mill Wks. Co. (Wholesale Mfrs.), Kansas City, Mo.
Kane Blind & Screen Co. (Rustless), Kane, Pa.
Kane Mfg. Co., Dept. H, Kane, Pa.
Koehl J. W. & Son, 658 S Anderson, Los Angeles, Cal.
Lookout Planing Mills, Chattanooga, Tenn.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McPhee & McGinnity Co., Denver, Colo.
Menke-Grimm Planing Mill Co., Quincy, Ill.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milliken-Kellam Co., Newton, N. J.
Monarch Screen & Mfg. Co., E 39th, Los Angeles, Cal.
Morgan Co., Oshkosh, Wis.
National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.
Nedrow Mfg. Co., Caledonia, N. Y.
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Owosso Mfg. Co., Benton, Ark.
Owosso Mfg. Co. (Adjustable Frames) (Wholesale Mfrs.), Owosso, Mich.
Parlee H. C. & Co. ("Fliscreen" Wood Frame), 25 Haverhill, Boston, Mass.
Parr Lumber Co., St. Johns, Mich.
Penna. Woven Wire Co., Lock Haven, Pa.
Phenix Mfg. Co. ("Phenix" also Swinging Half, Sliding, etc), Milwaukee, Wis.
Philadelphia Screen Mfg. Co. (Wholesale Mfrs.), 56th bel. Woodland, Phila, Pa.
Porter Screen Co. (Wholesale Mfrs.), Burlington, Vt.
Protective Ventilator & Screen Corp., 332 E 23d, New York
Reed, Evan L., Mfg. Co., Sterling, Ill.
Riggs Cypress Co. (Ltd.) (Wholesale Mfrs.), Patterson, La.
Robbins Mfg. Co., 1815 N Central Park av, Chicago, Ill.
Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.
Rolup Screen Co., 17 Battery pl, New York
Safety Ladder Mfg. Co., Seattle, Wash.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Schumacher F. E. Co., Hartville, O.
Scranton Iron & Steel Co., Scranton, Pa.
Snow Franklin A. Co., 79 Milk, Boston, Mass.
Solmson M. Fly Screen Co. (Rustless), Bayard & Nanticoke, Baltimore, Md.
Springfield Wire Screen Co., Springfield, Ill.
Standard Screen Co. (Wood Frame), 1858 Hastings, Chicago, Ill.
Union Screen Co. ("Challenge" Sliding Window), 306 Carpenter, Providence, R. I.
Universal Screen Co., 2700 Long Beach av, Los Angeles, Cal.
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.
Watson Mfg. Co. (Metal & Wood to Order Only), Jamestown, N. Y.
Western Metal Products Co., 144 W. Kinzie, Chicago, Ill.
Western Screen Co., 1489 E 4th, Los Angeles, Cal
Wheeler Screen Co., Geneva, Ill.
Willer Mfg. Co. (To Order Only), Milwaukee, Wis.
Williams & Hunting Co. (Wholesale), Cedar Rapids, Ia.

13165a—Screens Wire (Centrifugal)

Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book

13165b—Screens (Wire, Rustless)

Beere George W., 294 Taaffe pl, B'klyn, N. Y.
Nedrow Mfg. Co., Caledonia, N. Y.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.

13166— Screw Driver Mfrs.

Arcade Mfg. Co. ("Serpentine," "Arcade" & "Combination"), Freeport, Ill.
Bagshaw & Field (Stubbs, Packet, Electric, Round Blade, Flat Blade, etc), 445 N 5th, Phila., Pa.
Billings & Spencer Co. ("B. & S." Magazine Screw Driver, etc), Hartford, Conn.
Braunsdorf-Mueller Co. ("Never Twist," "New Century," & "Improved Locksmith"), Elizabeth, N. J.
Bridgeport Hardware Mfg. Corp. ("Matchless Lines," "Challence Lines," "Lead Alls," "Warkick," "Little Wonder," "Trusty," "Hercules," "Bedford").
Brown R. H. & Co. ("Clark's"), New Haven, Conn.
Browne & Dowd Mfg. Co. ("I. L."), Meriden, Conn.
Buell Bros. ("Buell"), Clinton, Conn.
Buffalo Specialty Co. (Leather Handle), 375 Ellicott, Buffalo, N. Y.
Buffum Tool Co. ("Swastika," Engineers' & Assemblers' "T" & Offset, etc. All Steel Drop Forged), South Side, Louisiana, Mo.
Bullock Mfg. Associates (Jewelers & Opticians), Springfield, Mass.
Burgess & Norton Mfg. Co. ("Bur-Nor" Folding), Geneva, Ill.
Cassady Fairbank Mfg. Co. ("Cassady," "Premier," "Fairbank," "Columbia," "Rough & Ready," "Elliott," "C. & F.," "Handy," "Kit"), 6126 S La Salle, Chicago, Ill.
Chicago Tool & Kit Co., 12 N Market, Chicago, Ill.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book

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Crescent Co. Inc. ("Crescent"), Meriden, Conn.
Crescent Tool Co. ("Hamr-Handl"), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. ("Star," "Cronk's," "Elmira"), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Decatur Coffin Co. ("Eureka" Spiral), Decatur, Ill.
Dicke Tool Co. (For Electrical & Machinery Works), Downers Grove, Ill.
Dikeman Mfg. Co. ("Emergency" Pocket Telescope Handle), Norwalk, Conn.
Disston Hy. & Sons, Tacony, Phila., Pa.
Edelmann E. & Co. ("4-in-1"), 341 E Ohio, Chicago, Ill.
Gay Geo. E. ("Gay" & "Union" Double Acting Ratchet), Augusta, Me.
Goodell-Pratt Co. (Spiral, Ratchet, Automatic, Bench Automatic, Gunsmiths' Pocket Set, etc), Greenfield, Mass.
Harding Mfg. Co. ("Blue Line," "Gray Line"), Mansfield, Mass.
Herbrand Co., Fremont, O.
Hugo Mfg. Co., Duluth, Minn.
Irving Mfg. & Tool Co. (J. F. McCoy Co., Props.), 157 Chambers, New York
Ives W. A. Mfg. Co. ("Pioneer," "Paradox," "Standard"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "King," "Hinsdale"), 71 Murray, New York
Johnson Wm. (Hedenberg Works) (In great Variety), Newark, N. J.
Kendrick-Davis Co. ("K.-D.," Small), Lebanon, N. H.
Marble Arms & Mfg. Co. ("Marble's," Pocket, for Hunters, etc), Gladstone, Mich.
Mayhew H. H. Co. (Machinists), Shelburne Falls, Mass.
M. B. Tool Co. ("Insulectric"), Danielson, Conn.
Miller's Falls Co. (Ratchet, Duplex & Automatic, In & Out), 28 Warren, New York
National Mechanical Corp, 125 S Racine av, Chicago, Ill
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
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Reid A. H. Creamery & Dairy Supply Co. ("Reid" Automatic), 69th & Haverford, Phila., Pa.
Rubber Insulated Metals Corp. ("Rimco" Insulated), Plainfield, N. J.
Sargent & Co., New Haven, Conn.
Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Smith H. D. & Co. ("Perfect Handle," Drop Forged), Plantsville, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil") 261 H. B'way, New York; 130 H. Colt, Irvington, N. J.
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Snell Mfg. Co., Fiskdale, Mass.
Southington Mfg. Co., Southington, Conn.
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Vande Water Mfg. Co., Newburgh, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
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Washington Cutlery Co., Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.
Wilkins, Geo. H. Co. ("Marcy"), 180 N Market, Chicago, Ill.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

13167—Screw Driver & Corkscrew Combined

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13168—*Screw Driver & Holder

STARRETT L. S. CO., THE (Opticians'), Athol, Mass. *See adv index at end of book*

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Millers Falls Co., 28 Warren, New York
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Screw Drivers (Electricians')

See Screw Drivers, Insulated Handle & Ratchet

13170—Screw Drivers (Flexible Shaft)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 8th & B'way, Cincinnati, O.
Stow Mfg. Co. Inc., Binghamton, N. Y. *See adv index at end of book*

13171—Screw Drivers (Folding)

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Vaughan Novelty Mfg. Co. ("Jim Dandy" Combination), 711 Fulton, Chicago, Ill.

13172—Screw Drivers (Insulated Handle & Ratchet)

Buffalo Specialty Co. (Leather), 375 Ellicott, Buffalo, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co. ("Hargraves" Pistol Grip Ratchet), Cincinnati, O *See adv index at end of book*
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
M. B. Tool Co., Danielson, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
National Mechanical Cork ("Benjamin" Insulated Friction Drive), 125 S Racine, Chicago, Ill.
North Bros. Mfg. Co. ("Yankee," Screw Eye, Magazine, Screw Holder & Spiral Ratchet), Lehigh av & American, Phila., Pa.
Smith H. D. & Co., Plantsville, Conn.
Stanley Rule & Level Co., (Insulated Handle Only), New Britain, Conn.
STARRETT L. S. CO., THE ("Starrett," Pocket with Hard Rubber Handle), Athol, Mass. *See adv index at end of book*
Swan James Co., Seymour, Conn.
Union Hdw. Co., Tarrington, Conn.

13173—Screw Drivers (Jewelers')

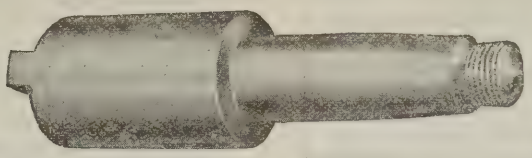
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Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
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Worthington & Raymond ("Optimus," "W. & R." Jobbers), 71 Murray, New York

13174-5—Screw Drivers (Motor Driven)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 8th & B'way, Cincinnati, O.
Stow Mfg. Co. Inc., Binghamton, N. Y. *See adv index at end of book*
United States Electric Tool Co., Cincinnati, O. *See adv index at end of book*

13176— Screw Eyes

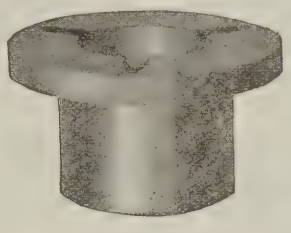
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Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

13176a—Screw Machine Parts

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
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Standard Turnbuckle Co., Corry, Pa.

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Bullard Machine Tool Co., Bridgeport, Conn.
Burgess & Norton Mfg. Co., Geneva, Ill.
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Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Eastern Mach. Screw Corp., New Haven, Conn.
Eastern Parts Mfg. Co., 135 Spring, New York
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Enterprise Mfg. Co., Akron, Ohio
Ericsson Screw Mach. Products Co., Inc., 609 Bergen, B'klyn, N. Y.
Eureka Co., North East, Pa.
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Ferry Cap & Set Screw Co., Cleveland, O.
Fischer Special Mfg. Co., 2076 Reading rd, Cincinnati, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
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Framingham Screw Wks., Framingham, Mass.
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Stierlin Machine & Die Works, 625 Jackson blvd, Chicago, Ill.
STITT IGNITION CO., 16 E. First, Columbus, O.
Thomas Mfg. Co. (To Order Only), Dayton, O.
Thomaston Mfg. Co., Thomaston, Conn.
Thompson & Bremer, 850 S Canal, Chicago, Ill.
Toledo Auto Motive Products Co., 2240 Smead av, Toledo, Ohio.
Union Cap Screw Co., 684 Hendrie, Detroit, Mich.
United States Automatic Co., Amherst, O.
Unity Mfg. Co., 224 N Halstead, Chicago, Ill.
Vahan Products Co., 73rd & St. Clair, Cleveland, O.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.
Waltham Screw Co., Waltham, Mass.
WARE BROS., 4458 W Lake, Chicago, Ill.
Waterbury Brass Goods Cork, Waterbury, Conn.
WATERBURY MFG. CO., Waterbury, Conn.
Watson Mfg. Co., Toledo, O.
Wellman Bronze Co. (Special), 6017 Superior av, Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Western Screw Products Co., 3219 S B'way, St. Louis, Mo.
White J. H. Mfg., 111 N Third, Brooklyn, N. Y.
Whitman Metal Goods Co., Whitman, Mass.
Whitnall Co., Plainville, Conn.
Wicaco Screw & Mach. Wks., 4801H Stenton av, Phila., Pa.
Wilmington Fibre Specialty Co., Wilmington, Del.
Wood & Spencer Co., 1930 E 61st, Cleveland, O.
Worcester Machine Screw Co., Standard Screw Co. Successors, Worcester, Mass.
York Screw Wks., Dept. H, York, Pa.

Screw Machinery

See Screw Cutting Machines; Screw Polishing Machines; Screw Shaving Machines; Screw Slotting Machines; Screw Thread Rolling Machines

13178— Screw Mfrs.

Under this Heading see Sub-classifications
American Rivet Co., New Haven, Conn.
American Screw Co. (Brass, Bronze & Iron), 21 Stevens, Providence, R. I.
Atlantic Screw Works, Hartford, Conn.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Austin & Smith Co. (Small Hand), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Bayonne Bolt & Nut Co., Bayonne, N. J.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book

MACHINE SCREWS

Special Rivets, Pins, Studs
Threaded and Formed
Wires and Other Parts
From Wire and Rod
SCREW MACHINE PRODUCTS

THE BLAKE & JOHNSON CO.
1500 Thomaston Ave.
WATERBURY, CONN.
SINCE 1849

Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.
Chapin-Stephens Co., Pine Meadow, Conn.
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Chicago Screw Co., Homan & Fillmore, Chicago, Ill.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Continental Electric Co., 1883 Park ave, New York.
Continental Wood Screw Co., New Bedford, Mass.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Dayton Screw Co., Dayton, O.
Detroit Screw Works, Detroit, Mich.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Eastern Machine Screw Corp. (Special to Order), New Haven, Conn.
Equipoise Rivet Co. (Rolded Thread), Waterbury, Conn.
Ferry Cap & Set Screw Co. (Steel), Cleveland, O.
Foster Bolt & Nut Mfg. Co., Winon av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Harper F. C. Screw Works (Not Wood), 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood Phila., Pa.
Hope Wm. H. Co. (Milled, etc), Lowell, Mass.
Hubbell Harvey, Bridgeport, Conn.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 58th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
Landers Frary & Clark, New Britain, Conn.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Mazel-Rest Supply Co. (Dealers), 1846 Grand av, Chicago, Ill.
Merrill Bros. (Cone Point Lag), 3 Arnold, Naspeth (Boro. of Queens), N. Y.
See adv index at end of book
Michigan Screw Co., Lansing, Mich.
Miles Franklin S, 205 Quarry, Phila., Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Muncie Cap & Set Screw Co., Muncie, Ind.
National Acme Co., 7500 Stanton av, S E, S E, Cleveland, O.
National Screw & Tack Co., Stanton av, S. E., & C. & P. Ry., Cleveland, O.
National Sewing Machine Co., Belvidere, Ill.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New Haven Screw Co. (Special to Order), 191 Foster, New Haven, Conn.
See adv index at end of book
Niagara Screw Co., Buffalo, N. Y.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio.
Ohio Nut & Bolt Co., Berea, O.
Olson Mfg. Co. (Special), Worcester, Mass.
Ottemiller Wm. H. Co., M. & P. R. R. & Pattison, York, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Hardware Co., Reading, Pa.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Progressive Mfg. Co., Torrington, Conn.
QUADRIGA MFG. & SPECIALTY CO., 218 W. Grand av, Chicago, Ill.
See adv index at end of book
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.
Smith F. H. Mfg. Co. (Special to Order), 3047 Carroll av, Chicago, Ill.
Southington Hardware Co., Southington, Conn.
Spafford Mach. Screw Wks., 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Union Cap Screw Co., 634 Hendrie, Cleveland, O.
U. S. Automatic Co., Amherst, O.
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Western Automatic Mach. Screw Co., Elyria, O.
Wire Goods Co., Worcester, Mass.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.
York Screw Wks., Dept. H, York, Pa.

13179— Screw Plates

See also Stocks & Dies

AMERICAN TAP & DIE CO ("Adamantine," "Acme" & "Eagle"), Greenfield, Mass. *See adv index at end of book*
Borden Co., The, Warren, O.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co. ("Derby," "Reece's New"), Derby Line, Vt.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Card S. W. Mfg. Co. ("Paragon"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. ("Carpenter's"), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion," Electric, etc), Lancaster, Pa.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O K" & "G. T. D." for Bolt & Pipe, Tap & Die Assortments, Greenfield, Mas.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.
Morse Twist Drill & Machine Co. ("Morse," "No. 1, A. B. C. D. & E."), New Bedford, Mass.
Oster Mfg. Co., 2057 E 61st pl, Cleveland, Ohio
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son Co. ("Common Sense"), Millersburg, Pa.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Walworth Mfg. Co., Boston, Mass.
Winter Bros. Co., Wrentham, Mass.

13180—*Screw Plates (Automobile)

GREENFIELD TAP & DIE CORP. ("Green River" & "Little Giant," "OK" "G.T.D." Standard Threads), Greenfield, Mass.
See adv index at end of book
Hill L B Melting & Refining Co., 1250 W 8th, Cincinnati, Ohio.

13180a—*Screw Plates (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book

13181— Screw Tops (Bottle)

Wheeling Stamping Co., Wheeling, W. Va.

13182—Screws (Ball Cock Connection)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
New London Screw & Nut Works, New London, Conn.
See adv index at end of book

13183— Screws (Bed)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Lamson & Sessions Co., Cleveland, O.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Upson Nut Co., Cleveland, O.

13184— Screws (Bench)

Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

13185— Screws (Bibb)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
B. B. Specialty Co., 433 Liberty av, Pittsburgh, Pa.
Hays Mfg. Co., Erie, Pa.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

13186— Screws (Bicycle)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Chicago Screw Co., (Iron or Brass), Homan av & Fillmore, Chicago, Ill.
Curtis Screw Works, Buffalo, N. Y.
Hartford Machine Screw Co., Hartford, Conn.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av S E & C. & P. Ry, Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

13187—Screws (Brass & Bronze)

American Pin Co. ("Ampinco" Brass Only), Waterbury, Conn.
American Screw Co., 21 Stevens, Providence, R. I.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Continental Electric Co., 1883 Park av, New York
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, Detroit, Mich.
Harper F. C. Screw Works (Brass Only), 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hassall Jno. (Inc.) (Plated), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Hubbell Harvey, Bridgeport, Conn.
Hungerford U. T. Brass & Copper Co. (All Kinds), 80 Lafayette, New York
Michigan Screw Co., Lansing, Mich.
Mutual Electric & Machine Co., 232 Fort W., Detroit, Mich.
National Acme Co. (Brass Only), 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co. (Brass Only), Stanton av, S E, & C. & P. Ry, Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Phila. Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
St. Louis Screw Co. (Brass & Bronze), Clarence & Bulwer av, St. Louis, Mo.
SCOVILL MFG. CO. Waterbury, Conn.
See adv index at end of book
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co. (Brass Only), Waterbury, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Whitehead Metal Products Co., 67-73 Washington North, Boston, Mass.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13188—Screws (Brass Machine)

American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Austin & Smith Co. (Hand), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
Fischer Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hill Geo. Q. Co., Framingham, Mass.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Michigan Screw Co., Lansing, Mich.
Miles Franklin S., 205 Quarry, Phila, Pa.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av S E & C. & P. Ry, Cleveland, O.

SCREWS (BRASS MACHINE)—continued
New England Screw Co., 44 Farnsworth, Boston, Mass.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Progressive Mfg. Co., Torrington, Conn.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Reynolds James Mfg. Co., New Haven, Conn.
Scovill Mfg. Co. (& Cap), Waterbury, Conn.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, Ohio
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13189—Screws (Brass & Iron Machine)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.

13190—Screws (Building Movers')

Erie Forge Co., Erie, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
New London Vise Works, New London, Conn.
Pollak Steel Co., Cincinnati, Ohio.

13191— Screws (Can)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Consolidated Fruit Jar Co. ("Chace," etc), New Brunswick, N. J.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Franklinville Canning Co., Franklinville, N. Y.
Hero Mfg. Co. (Brass & Zinc), Westmoreland av & Stokley, Phila., Pa.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Peerless Nut Co., 4300 Perkins av, Cleveland, O.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

13192— Screws (Cap & Set)

ALLEN MFG. CO. ("Allen" Patent Safety Set & Socket Head Cap Screws), 133 Sheldon, Hartford, Conn.
See adv index at end of book
ATLAS BOLT & SCREW CO., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
BELL CO., (THE), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Brown Engineering Co., 110 N 3rd, Reading, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Chicago Screw Co. (Iron & Steel), Homan av & Fillmore, Chicago, Ill.
Cincinnati Screw Co. Twightwee, Cincinnati, O.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corporation (Also Knurled Set, etc), New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, (Also "S. A. E." Caps), 348 Franklin, Detroit, Mich.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Ferry Cap & Set Screw Co. (Steel), Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harper F. C. Screw Wks., 29 S Clinton, Chicago, Ill.
Hart H. C. Mfg. Co. ("Hart," Hollow Cap Screw), Unionville, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Oval, Flat, Counter Sunk, Square, Hexagon, Button & French Head), Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hope Wm. H. Co., Lowell, Mass.
Humason Mfg. Co. (Special), Forestville, Station, Bristol, Conn.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Lederer Bros. Co. (Screw Machine Products; to Specification), 100 Stewart, Providence, R. I.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Michigan Screw Co., Lansing, Mich.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio.
Ottemiller Wm. H. Co., York, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Penn. Shafting Co., Spring City, Pa.
Perry-Fay Mfg. Co. (Special), Elyria, O.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Reidy Mach. Screw Co., New Haven, Conn.
Republic Tool & Mfg. Co. ("Allen" Safety Set), 1401 W 9th, Cleveland, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.,
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
SCOVILL MFG. CO, (Cap), Waterbury, Conn. *See adv index at end of book*
Sherman-Klove Co. (Cap Only), 4649 W Harrison, Chicago, Ill.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Standard Turnbuckle Co., Cory, Pa.
Strong, Carlisle & Hammond Co. ("Mac-It"), 336 Frankfort av, N W, Cleveland, O.
Union Cap Screw Co. 684 Hendrie, Detroit, Mich.
U. S. Automatic Co. (Cap Only), Amherst, O.
Upson Nut Co. (Set), Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor (Rolled & Cut Thread), Worcester, Mass.
York Screw Wks. (Cap), Dept. H, York, Pa.

13193— Screws (Capstan)

Moore Geo. W. ("Moore's), 44 Farnsworth, Boston, Mass.

Screws (Closet)

See Screws, Plumbers'

13194—Screws (Coach & Lag)

See also Screw Manufacturers, Wood
American Bolt Co., Birmingham, Ala.
Armstrong & Parker, 36 Guilford av, Baltimore, Md.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, Ohio.
See adv index at end of book
Bassett D. M. Bolt Works, Shelton, Conn.
BAYONNE BOLT & NUT CO., Bayonne, N. J. *See adv index at end of book*
Berry Bros., Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Corbin Screw Corporation (Gimlet Pointed, etc), New Britain, Conn.
Falls Rivet Co., Kent, Ohio.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Greenlie-Halliday Co., 499 Water, New York
Haskell Wm. H. Mfg. Co. (Gimlet Pointed), Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co. (Coach), Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lake Erie Bolt & Nut Co. (Also Gimlet Pointed Coach, ft of E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Sec, Cleveland, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Stanton av S E & C. & P. Ry. Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co. (Gimlet Pointed, etc), S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co. (Gimlet Point), Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Republic Iron & Steel Co. (Gimlet Pointed), Youngstown, O.
See Branch Offices Alphabetical Section
Rhode Island Tool Co. (Gimlet Pointed), Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Southern California Iron & Steel Co., (Lag Only), 4th & Mateo, Los Angeles, Cal.
Upson Nut Co., Cleveland, O.

13195— Screws (Collar)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Autoscrew Company, 356 West B'way, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Gary Screw & Bolt Co., Gary, Ind.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.
HINDLEY GEAR CO., 1105 Frankforday, Philadelphia, Pa.
See adv index at end of book
Michigan Screw Co., Lansing, Mich.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
New Haven Screw Co. (Collar Head to Order), 191-193 Foster, New Haven, Conn. *See adv index at end of book*
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works (Also for Electrical Trade), 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Dowel)

See Screws, Wood

Screws (Drive)

See Screws, Wood

13196— Screws (Feed)

HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book

13197-8—Screws for Electrical Trade

See also Screw Machine Products
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West B'way, New York. *See adv index at end of book*
Detroit Screw Works (Collar, etc.), 1477 Atwater E, Detroit, Mich.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Reed & Prince Mfg. Co., Dept H, Worcester, Mass.
Scovill Mfg. Co. (Machine & Cap), Waterbury, Conn. *See adv index at end of book*

13199— Screws (Gib)

See also Screw Machine Products
Autoscrew Company, 356 West B'way, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Laughlin, Thos. A., Portland, Maine.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

13200— Screws (Gun)

Autoscrew Company, 356 W B'way, New York *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Hartford Machine Screw Co., Hartford, Conn.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Reed & Prince Mfg. Co., Dept H, Worcester, Mass.
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.

Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.

13201— Screws (Hand)

Adjustable Clamp Co. ("Jorgensen" Adjustable Steel Spindle), 216 N Jefferson, Chicago, Ill.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York.
See adv index at end of book
Christiansen C., 2814 W 26th, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Illinois Iron & Bolt Co. (Wrought Iron), Carpentersville, Ill.
Kantslip Company ("Kantslip" Wood & Steel), Freeport, Mich.
New London Vise Works, New London, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
O'Neil J. H. Jr., Pawtucket, R. I.
Rock Island Mfg. Co., Rock Island, Ill.
Sandusky Tool Co. (Wood), Sandusky, O.
Sargent & Co. (Iron & Wood), New Haven, Conn.
Western Automatic Machine Screw Co., Elyria, O.

13202— Screws (Hand Rail)

Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Parker Wire Goods Co., Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wire Goods Co., Worcester, Mass.

Screws (Hand Saw)

See Screws, Saw

13203— Screws (Hanger)

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So Bethlehem, Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Bolts), New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Sec, Cleveland, O.
Lanz M. Bolt, 2907H Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av S E & C. & P. Ry, Cleveland, O.
New England Bolt Co., Everett, Mass.
Niagara Screw Co., Buffalo, N. Y.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio.
PAINE COMPANY, THE (Bolts), 1742 W. Van Buren, Chicago, Ill.
See adv index at end of book
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Shelton Company, Shelton, Conn.
Smith Thos. Co., Worcester, Mass.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co. (Standard Screw Co. Successor), Worcester, Mass.

13204— Screws (Headless)

Autoscrew Company, 356 W B'way, New York *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Brooks M. S. & Sons, Chester, Conn.
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Hanson Bros., Plainville, Conn.
Hartford Machine Screw Co., Hartford, Conn.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Reed & Prince Mfg. Co. (Machine & Wood), Dept. H, Worcester, Mass.
Richards Benj & Co., Winsted, Conn.
Rockford Bolt Co., Rockford, Ill.
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.
Waterbury Mfg. Co., Waterbury, Conn.

13205—Screws (Hook & Eye)

R. I.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Bethlehem Steel Co., So Bethlehem, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket,

Screws (House Raising)

See Screws, Building Movers'

13206— Screws (Jack)

See also Jacks, Screw; also Jacks, Ratchet
American Skein & Foundry Co., Racine, Wis.
Associated Well Supply Co. Inc., 111 Broad, New York. *See adv index at end of book*
Crofoot Gear Works, Cambridge, Mass.
Eichleay John Jr. Co. (House Movers', Seamless), 20th & Wharton, Pittsburgh, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book
Hobbs Clinton E. Co. ("Green Head"), 37 Pearl, Boston, Mass.
See adv index at end of book
Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.
McLagon Foundry Co., New Haven, Conn.
Marcil & Smith, Springfield, Mass.
Miller's Falls Co., 28 Warren, New York
Pollak Steel Co. (Turbine), Cincinati, Ohio.
Sargent & Co., New Haven, Conn.
STARRETT L. S. CO. (THE) ("Little Giant"), Athol, Mass.
See adv index at end of book
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works (Ratchet, etc), 145 Glenwood av, Medina, N. Y.
West Haven Mfg. Co. ("High Low Jack," Machinists), West Haven, Conn.

13207—Screws (Jack, Cable Reel)

Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.

Screws (Jewelers')

See Screws, Watch & Clock

13207a— Screws (Lag)

See also Screws, Coach & Lag
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleevland, O.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

13208— Screws (Lead)

Crofoot Gear Works, Cambridge, Mass.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book

13209— Screws (Long)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
CRESSMAN N. C. CO., Drexel bldg, Philadelphia, Pa.
Pollak Steel Co. (Feed), Cincinnati, Ohio.
Western Screw Mfg. Co., 4413-23H Kinzie, Chicago, Ill.

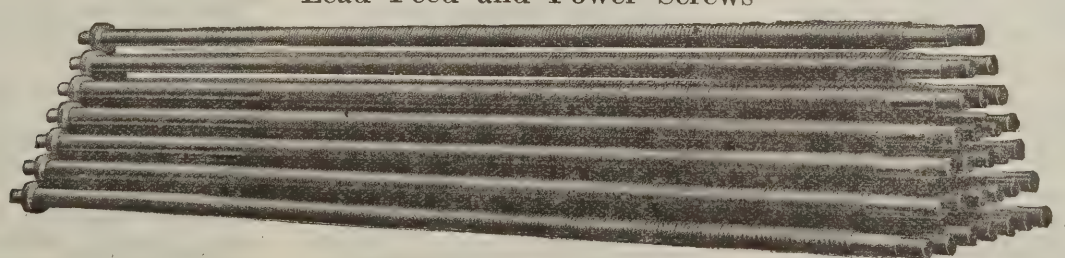
13210— Screws (Machine)

American Instrument Works Inc., 18 E Lacock, Pittsburgh, Pa.
American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co. (Iron & Brass), 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Austin & Smith Co. (Small, Hand), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York *See adv index at end of book*
Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book

ACCURATE
SCREW MACHINE WORK
Made on our own
AUTOMATICS
CHAPMAN MACHINE CORP.
Terryville, Conn.

Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Continental Wood Screw Co. (Special), New Bedford, Mass.
Corbin Screw Corporation (Brass or Iron), New Britain, Conn.
Draper Corp., Hopedale, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

Lead Feed and Power Screws



Philadelphia HINDLEY GEAR COMPANY Penna.
1105 Frankford Ave.

SCREWS (MACHINE)—continued
General Mfg. Co., Waterbury, Conn.
Harper F. C. Screw Works, 19 E 8th Chicago, Ill.
Hartley Screw Products Co., Poinier, Newark, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hassall Jno. (Inc.) (Copper, Iron, Aluminum), Clay & Oakland, Brooklyn, N.Y.
See adv index at end of book
Hill Geo. Q. Co., Framingham, Mass.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Keystone Screw Co., 17th & Lehigh, Philadelphia, Pa.
Kirk-Latty Mfg. Co. 1971 W 85th, Cleveland, O.
Lederer Bros. Co. (Screw Machine Products to Specification), 100 Stewart, Providence, R. I.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Lubenow Mfg. Co., 592 1st av, Milwaukee, Wis.
Miles Franklin S. (Brass, Iron & Steel), 205 Quarry, Phila., Pa.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Stanton av S E & C. & P. Ry, Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio
Ontario Machine Screw Co., Ontario & Rorer, Phila., Pa.
PAINE COMPANY, THE (Jobbers), 1742 W. Van Buren, Chicago, Ill.
See adv index at end of book
Pheoll Mfg. Co. (Brass, Iron, Copper, Bronze Monel Metal & Steel), 3700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works (All kinds of special), 624 Race, Phila., Pa.
Progressive Mfg. Co., Torrington, Conn.
RAWLES JAMES & CO., 74 Pearl, Boston, Mass., & 253 B'way, New York
Reading Screw Co. (Brass & Iron), Norristown, Pa.
Reed & Prince Mfg. Co. (Brass, Bronze & Steel) Worcester, Mass.
Reidy Mach. Screw Co., New Haven, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Spafford Machine Screw Works, 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waltham Screw Co., Waltham, Mass.
WATERBURY MFG. CO., Waterbury, Conn.
Western Automatic Mach. Screw Co., Elyria, Ohio
Western Screw Mfg. Co., 4419 W Kinzie, Chicago, Ill.
Worcester Mach. Screw Co., Standard Screw Co., Successors (Rolled & Cut Thread), Worcester, Mass.

13210a— Screws (Milled)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Framingham Screw Works, Framingham, Mass.

13210b— Screws (Monel Metal)

AUTOSCREW CO., 356 West Broadway, New York. *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Curtis Screw Works, Buffalo, N. Y.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13210c—Screws (Nickel Silver)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book

13211— Screws (Optical)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Greer Frederic, 525 W Vanburen, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Waltham Screw Co., Waltham, Mass.

13212—Screws (Ore Washer)

Bethlehem Steel Co., So Bethlehem, Pa.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book

13213— Screws (Pad)

Frazer & Jones Co., Syracuse, N. Y.
National Screw & Tack Co. (For Saddlers), Stanton av S E & C. & P. Ry, Cleveland, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

13214—Screws (Pattern Lifting)

Federal Malleable Co. ("Fraser"), West Allis, Wis.

13215—Screws (Phosphor Bronze)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Plated & Lacquered)

See Screws, Wood; also Screws, Brass, etc

13216— Screws (Plumbers')

See also Washers, Plumbers
American Pin Co. ("Ampinco" Brass & Iron), Waterbury, Conn.
Ansonia Mfg. Co., Ansonia, Conn.
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn.
See adv index at end of book
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Cleveland Wrought Products Co., 58th & W. & L. E. Belt Line, Cleveland, O.
Edwardsville Brass Co. (Traps, etc), Edwardsville, Ill.
Frost Mfg. Co. (Brass Closet), Kenosha, Wis.
Gibson Bros. Mfg. Co., North Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior Cleveland, Ohio
Hassall Jno. (Inc.) (Gas), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hays Mfg. Co. (Brass Trap, etc), Erie, Pa.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Starbuck R. M. & Sons, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Winsted Hardware Mfg. Co., Winsted, Conn.
Wolverine Brass Works (Closet, etc), Grand Rapids, Mich.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13217—Screws (Power, Lead & Feed)

Crofoot Gear Works, Cambridge, Mass.
HINDLEY GEAR CO., (Any length, any pitch, any style thread) 1105 Frankford av, Phila., Pa.
See adv index at end of book

13218— Screws (Press)

American Skein & Foundry Co. (For Pressing Cider, Tobacco, Cheese, etc), Racine, Wis.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book
Illinois Iron & Bolt Co. (For Pressing Cider, Tobacco, Cheese, etc), Carpentersville, Ill.

13219— Screws (Rigging)

HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book
Wilcox Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*

13220—Screws (Rolled Thread)

Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Equipoise Rivet Co., Waterbury, Conn.
General Mfg. Co., Waterbury, Conn.
HASSALL JNO. (INC.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
National Acme Co., 7500 Stanton av N E, Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New Haven Rivet Co., New Haven, Conn.
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.

13220a—*Screws (Safety Set)

ALLEN MFG. CO. ("Allen" Patent), 133 Sheldon, Hartford, Conn.
See adv index at end of book

"Allen"
SAFETY SET SCREWS
30% stronger than broached hollow screws

Sockets formed by the Allen process of cold-drawing, which increases the density of the steel around the socket-hole, and adds to the strength of the screw more than 30%. Even the smaller size "Allens" will stand all the strain that the best-made wrench can apply. All sizes in stock from ¼" to 1½"; any length, point or thread at no extra cost. Also Socket Head Cap Screws, Tap Extensions, Tire Wrenches and Pipe Plugs—Allen process. *Write for complete descriptive catalogue and price list.*



THE ALLEN MANUFACTURING CO.
133 Sheldon St., HARTFORD CONN.

Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.

13221— Screws (Saw)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Disston H. & Sons, Tacony, Phila., Pa.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Dept. H, Worcester, Mass.
Sargent & Co. (Brass), New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Set)

See Screws, Cap & Set

13222—Screws (Set, Hollow)

ALLEN MFG. CO., 133 Sheldon, Hartford, Conn. *See adv index at end of book*
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
BRISTOL CO. ("Bristo Safety"), Waterbury, Conn. *See adv index at end of book*
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Mac-It Parts Co., Lancaster, Pa.
New Haven Screw Co. ("Foster" Safety), 191-193 Foster, New Haven, Conn.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Standard Pressed Steel Co. ("Standco"), 20th & Indiana, Phila., Pa.
Strong, Carlisle & Hammond Co. ("Mac-It"), 336 Frankfort av, N. W., Cleveland, O.

13223—Screws (Sheet Metal)

Parker Supply Co., 785 E 135th, New York

13224— Screws (Shutter)

Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

13225— Screws (Side Knob)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Harper F. C. Screw Wks., 19 E. 8th, Chicago, Ill.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Penn. Hardware Co., Reading, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.

13226-7—Screws (Skein)

Bethlehem Steel Co., So Bethlehem, Pa.
Foster Bolt & Nut Mfg. Co., Union av & 72nd, Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer, avs, St. Louis, Mo.

13228— Screws (Stop Bead)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Lawrence Bros., Sterling, Ill.
National Mfg. Co. ("One Piece"), Sterling, Ill.

13229— Screws (Stud)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chapman Machine Corp., Terryville, Conn. *See adv index at end of book*
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cleveland Wrought Products Co., 3580 W 58th, Cleveland, Ohio
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Michigan Screw Co., Lansing, Mich.
Miles Franklin S., 205 Quarry, Phila., Pa.
Republic Iron & Steel Co., Youngstown, O. *See Branch Offices Alphabetical Section*
Reynolds James Mfg. Co., New Haven, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Works, 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.

13230—Screws (Telegraph Pole)

Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13231— Screws (Thumb)

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Billings & Spencer Co., ("B & S") Hartford, Con.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bonney Forge & Tool Works, Allentown, Pa.
Chapman Machine Corp. (Knurl), Terryville, Conn. *See adv index at end of book*
Chicago Screw Co. (Drop Forge & Malleable Iron), Homan av & Fillmore, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Harris Samuel & Co ("Harris"), 114 N Clinton, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Drop Forged), Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Miles Franklin S., 205 Quarry, Phila., Pa.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Parker Wire Goods Co. (Wire Box, Thumb), Worcester, Mass.
Petry N. A. Co., Inc., 328-34 Randolph, Phila., Pa.
Philadelphia Machine Schew Works, 624 Race, Phila., Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Western Automatic Mach. Screw Co., Elyria, Ohio
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wrightsville Hardware Co. (With Wrought Bolt), Wrightsville, Pa.

13232— Screws (Tobacco)

Bates Elevator Co., 211 Preston, Baltimore, Md.
Ripley Foundry & Machine Co. ("Parker," Stationary), Ripley, O.

13233—Screws (Watch & Clock)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Waltham Screw Co., Waltham, Mass.

Screws (Water Closet)

See Screws, Plumbers

13234— Screws (Wood)

American Screw Co., 21 Stevens, Providence, R. I.
Atlantic Screw Works (Brass & Bronze), (David Tilton, Prop.), Hartford, Conn.
Bridgeport Screw Co. ("B. S. Co." Iron, Steel & Brass), Bridgeport, Conn.
Continental Wood Screw Co., New Bedford, Mass.
Corbin Screw Corporation, New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Federal Screw Corp., 393 Harris av, Providence, R. I.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hartley Screw Products Co., Poinier, Newark, N. J.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
National Screw & Tack Co. (Iron & Brass), Stanton av, S E & C & P Ry., Cleveland, Ohio
Parker Chas. Co. ("U. SC. Screw Co."), Meriden, Conn.
Penn. Hdw. Co., Reading, Pa.
Reading Screw Co. (Brass & Iron), Norristown, Pa
Reed & Prince Mfg. Co. (Steel, Brass & Bronze), Worcester, Mass.
Southington Hardware Co., Southington, Conn.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
York Screw Works, Dept. H, York, Pa.

13235— Screws (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peirce Wm. E. & Co., Milford, N. H.

13236—Scribers (Adjustable, Etc.)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

13237—Scribers (Machinists)

Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
West Haven Mfg. Co. ("Westhaven"), West Haven, Conn.

13238— Scribes (Timber)

Bemis & Call Hardware & Tool Co., Springfield, Mass.

13239— Scriptographs

Bond St. Georges (For Writing Signatures in Multiple), Crozer bldg, Phila., Pa.

13239a— Scrolls (Wooden)

See also Ornaments, Wood

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Spanjer Bros, 198 Badger av, Newark, N. J.

Scrubbers (Ammonia)

See Purifiers & Scrubbers, Gas

13240— Scrubbers (Floor)

Dennis W. J. & Co. ("Ideal" Rubber), 2120 W Lake, Chicago, Ill.
Standard Cleaner Co. (Rubber), 136 W Lake, Chicago, Ill.

Scrubbers (Gas)

See Purifiers & Scrubbers, Gas

Sculptors (Architectural)

See Modelers & Sculptors, Architectural; also Carvers, Stone

13241— Scuppers

Dean Olney J. & Co., 179 W Washington, Chicago, Ill. *See adv index at end of book*
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
WATERTITE DRAIN & SCUPPER CO., 137 E 46th, New York

13242—Scutches (Bricklayers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Plomb Tool Mfg., 2209 Santa Fe av, Los Angeles, Cal.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

13242a— Scuttles (Ship)

Thacher Propeller & Foundry Corp., Albany, N. Y.

13243— Scythe Mfrs.

American Axe & Tool Co., Glassport, Pa.
Bartlett Mfg. Co. (Grass, Weed & Bush), 428 E Lafayette av, Detroit, Mich.
Boker Cutlery & Hardware Co., 101 Duane, New York
Columbian Cutlery Co. (Grass, Weed & Bush), Reading, Pa.
Dunn Edge Tool Co. ("Clipper," "Damascus," "Black Champion"), Oakland, Me.
Emerson & Stevens Mfg. Co., Oakland, Me.
Kelly Axe Mfg. Co. ("Kelly Perfect"), "Flint Edge" "Vulcan"), Charleston, W. Va.
North Wayne Tool Co. ("C. C. Brooks," "Little Giant," "Be Ve Be"), Hallowell, Me.
Rixford Mfg. Co., East Highgate, Vt.
Sibley Scythe Co., North Newport, N. H.
Wadsworth David & Son, Auburn, N. Y.
Winsted Mfg. Co. (Grass, Grain, Bush, Bramble, Weed & Lawn), Winsted, Conn.

13244— Scythe Snaths

American Fork & Hoe Co., Swetland bldg, Cleveland, O.
Brinser E. C. Sons, Richmond, Va.
Derby & Ball, Bellows Falls, Vt.
Edwards & Edwards, Waterbury, Vt.
Emerson & Stevens Mfg. Co., Oakland, Me.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fenn Mfg. Co. ("Independent"), Charlotte, Mich.
North Indianapolis Cradle Works, Indianapolis, Ind.
Seymour Mfg. Co. ("Princess," "Daisy," "Nivision," "So. African Creedmoor"), Seymour, Ind.

13245— Seacoal

Lookout Paint Mfg. Co., Chattanooga, Tenn.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo. Works: East St. Louis, Ill.

13246—Seals (Case & Box)

CARY MFG. CO. ("Cary's Patented Protective Seals"), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Edgar Steel Seal & Mfg. Co. (Milk, Car, Laundry & Basket), Lawrence, Kan.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Milwaukee Label & Seal Co. ("Jubian" Gold"), 161 Michigan, Milwaukee, Wis.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

13246a— Seals (Embossed)

Dennison Mfg. Co., 26H Franklin, Boston, Mass.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Grand Rapids Label Co., Grand Rapids, Mich.
Shuman Frank G. (Gold, Silver & Paper), 216 N Clinton, Chicago, Ill.
Tablet & Ticket Co., 624 W Adams, Chicago, Ill.

13246b— Seals (Jar)

See also Caps (Bottle & Flask)

Anchor Cap & Closure Corp., 81 Prospect, Brooklyn, N. Y.
National Metal Seal Corp., 60 Wall, New York
Smalley Kivlan & Onthank ("Kold-Prosso" Clasps), 21 Blackstone, Boston, Mass.
Victor Jar Co., 321 Monroe, Detroit, Mich.

13247— Seals (Lead)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
American Casting & Mfg. Corp. 30 Main, Brooklyn, N. Y.
Chadwick-Boston Lead Co., Boston, Mass.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103, Cleveland, Ohio
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Lawrence Shot & Lead Co., Omaha, Neb.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Porter Safety Seal Co., 163H W Harrison, Chicago, Ill.
Reed, Evan L., Mfg. Co., Sterling, Ill.

Seals (Meter)

See Meter Seals

13248—Seals (Shipping Case)

Mensha Wooden Ware Co. ("Mensha," Wooden for Candy, Cocoanut, Lard, Pails, etc), Mensha, Wis.
Wire & Steel Products Co. Inc., 421 E 22nd, New York. *See adv index at end of book*

13249— Seals (Tin)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
Porter Safety Seal Co. ("Porter," Safety), 163 W Harrison, Chicago, Ill.

13250— Seals & Sealing Presses (Car)

American Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
American Railway Supply Co., 134 Charles, New York
American Seal Co., Bridgeport, Conn.
Brooks E. J. & Co., 227 Fulton, New York
Chicago Car Seal Co. (Shippers), 364 N Green, Chicago, Ill.
Dickey Grabler Works, W Madison & 103rd, Cleveland, Ohio
Dickey Mfg. Co. ("Premier"), Indiana Harbor, Ind.
Edgar Steel Seal & Mfg. Co. (Steel Seals), Lawrence, Kans.
Handlan-Buck Mfg. Co. ("Handlan's"), 210-14 N 3d, St. Louis, Mo.
Hiertz Theo., Alaska & Tesson (Lead Car Seals), St. Louis, Mo.
Hill-Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Howlet J. & Co. (Lead Car Seals), Irvington, N. J.
International Seal & Lock Co. ("Tyden" Self-Locking Seals), Hastings, Mich.
Keystone Seal & Press Co. ("Keystone" "Giant," Bull Dog Presses & "Keystone" Anchor," "Diamond," "Duplex" Seals), 30 Main, Brooklyn, N. Y.
National Car Seal Co., Hamilton, O.
Northwestern Car Seal Co., 108 N Jefferson, Chicago, Ill.
Parker T. M., Hartford, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Utica Drop Forge & Tool Co. (Presses), Utica, N. Y.

13251-2—Seals & Sealing Presses (Cigar Makers')

National Selling Co., Allentown, Pa.

13253— Seamers (Roofing)

Burritt O. W. & Bro. ("Burritts" Double & Cross Lock for Tin & Galvanized Roofing), Weedsport, N. Y.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103, Cleveland, Ohio
Emrich Phil. ("Emrich" Double, etc), 824 Main, Cincinnati, O.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.

Searchlights

See Projectors or Searchlights

13254-5-6—Searchlights (Acetylene)

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Brilliant Search Light Mfg. Co. (To Wear On Head), 529 S Dearborn, Chicago, Ill.
Hall, C. M., Lamp Co. ("Solar"), Hancock & Rivard, Detroit, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn-Alexander Co., 1420 W Baltimore, Baltimore, Md.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila, Pa.

Searchlights (Electric)

See Projectors or Searchlights

Seating

See Furniture, School; also Furniture, Church; also Opera Chairs & Assembly Seating

Seating (Car)

See Car Seats, Chairs & Fittings

13257— Seating (Veneer)

Adler Veneer Seat Co., Payntar av, Brooklyn, N. Y.
Ahnapee Veneer & Seating Co., Algoma, Wis.
American Veneer Co., Hoboken, N. J.
Eggers Fred Veneer Seating Co., Two Rivers, Wis.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
McKibben G. N. (Also Panels, etc), South Norwalk, Conn.

13258—Seats (Agricultural Implement)

American Shovel & Stamping Co., Lorain, Ohio
Cambria Steel Co. (Pressed Steel), Widener bldg, Phila., Pa.
Moline Pressed Steel Co., East Moline, Ill.
St. Louis Metalware Co., 2507 W Broadway, St. Louis, Mo.
YOUNGSTOWN PRESSED STEEL CO. (Pressed Steel), Warren, O.
See adv. index at end of book

13259— Seats (Automobile)

Ahr & Rost Co. (Wood), Cincinnati, O.
American Auto Top Mfg. Co. (Folding Auxiliary), 1451 Wash blvd, Chicago, Ill.
Ames Motor Car Co., Owensboro, Ky.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Brunn & Co. (Folding), 985 Ellicott, Buffalo, N. Y.
Buffington C. A. & Co. ("Buffington" Steel Chairs & Tools), Berkshire, N. Y.
Central Mfg. Co. (Steel), Connersville, Ind.
Chicago Coach & Carriage Co. (Folding), 1223 S Michigan av, Chicago, Ill.
Chicago Steel Foundry Co. (Cast Steel Spring Seats to Order), 3701 S Kedzie av, Chicago, Ill.
Cincinnati Panel Co., 1988 W 8th, Cincinnati, O.
Dann Bros. & Co., New Haven, Conn.
Essex Brass Foundry Co. (Auxiliary), Cambridge, Mass.
Fort Pitt Bedding Co. (Cushions), Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Hill Mfg. Co. ("Hill" Auxiliary Revolving & Folding), 23 Fuller, Buffalo, N. Y.
Hodge & Graves Co. ("Luxury" Revolving Auxiliary Chairs), Amesbury, Mass.
Kimball C. P. & Co. (Folding), 3900 S Michigan av, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
McKinnon Dash Co. ("McKinnon" Folding), Buffalo, N. Y.
Miller A. J. & Co., Bellefontaine, O.
Niagara Auto Radiator Co. (Metal), 151 W 68th, New York
Polson Mfg. Co. ("Polson" Auxiliary), Buffalo, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sterling Top & Equipment Co., 513 W 57th, New York
Sussman M. & Rosenburg Mfg. Co., Tarrytown, N. Y.
Union City Body Co., Union City, Ind.
Vincent-Alward Co., Kenosha, Wis.
Walker-Wells Co., Amesbury, Mass.

13260— Seats (Bath Tub)

Bogert & Hopper, Inc. (Wooden, also Closet), 57 Barclay, New York
See adv index at end of book
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Eastern Specialty Mfg. Co., Scranton, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Hess Chas Co. (For Export), 96 Wall, New York
Jenkins Mfg. Co., Bloomfield, N. J.
Leclaire Mfg. Co., Edwardsville, Ill.
Novelty Mfg. Co. ("Wilwear," Adjustable), Waterbury, Conn.
Parker Chas. Co., Meriden, Conn.
Plumbers' Woodwork Co., Algoma, Wis.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Sillcocks-Miller Co. ("Celluvarno"), S Orange, N. J.
Silver & Co., 304 Hewes (Cellu, White Metal), Brooklyn, N. Y.
Smith E. C. Mfg. Co., 900 W Jackson blvd, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Timberlake J. B. & Sons (Board Seat, Wire Hanger), Jackson, Mich.
U. S. Sanitary Mfg. Co. ("20th Century"), Arott bldg, Pittsburgh, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

13261—Seats (Buggy, Steel)

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

13262— Seats (Chair)

Adler Veneer Seat Co. (Veneer), Payntar av, Long Island City, N. Y.
American Motor Body Co., Dept. H, 18th & Leigh av, Phila., Pa.
American Fibre Chair Seat Corp., 540 Van Alst av, L. I. City, N. Y.
American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Barber Leather Co. (Fibre), North Adams, Mass.
Blair Veneer Co. (Veneer, etc), "Douglas," "Crown," "Ulster"), North Troy, Vt.
Capital Seat & Novelty Co. ("Mia Heala" Fibre) 369 3rd av, New York
Chicago Decorated Leather Co. (Fibre,, etc), 426 S Clinton, Chicago, Ill.
Continental Fibre Co. (Hard Fibre), Newark, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Bridgeport, Pa.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Economy Seat Co., Inc. ("On In a Minute" Upholstered Seats), 3132 S Canal, Chicago, Ill.
Eggers F. Veneer Seating Co. (Veneer), Two Rivers, Wis.
Frost's Veneer Seating Co., (Ltd) (Veneer), Sheboygan, Wis.
Gary Theo. H. Co. ("Unicum"), 67 Irving pl, New York
Lubbers & Bell Mfg. Co. ("J. M." Upholstered, Steel Base), Clinton, Ia.
Marinna Spoke Co., Marinna, Ark.
Pick Richard Mfg. Co. (Fibre, etc), 224 N Wells, Chicago, Ill.
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
United Chair Seat & Novelty Co., (Fibre), 53 E 10th, New York
Wilmington Fibre Specialty Co., Wilmington, Del.

13263— Seats (Closet)

See also Plumbers' Woodwork

Albright Mfg. Co. ("Albright"), Rural Hall, N. C.
American Sanitary Works ("B. O. T."), Washington, N. J.
Becker Mfg. Co. ("Hercules"), Marietta, Ohio.
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
B R E Mfg. Co. ("B R E Hygienic," "Senior-Junior Hygienic," "Self-Raising Hygienic," "Hygienic Spring"), Hyde Park, Mass.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Brunswick-Balke-Collender Co. ("Whale-Bone-Ite"), 629 S Wabash av, Chicago, Ill.
Cadillac Furniture Co., Smith bldg, Detroit, Mich.
Church C. F. Mfg. Co. ("White Pyralin," "Crescent," "Famous," "Climax," "Eclipse," "Excello," "Pyralin"), Holyoke, Mass.
Columbus Brass Co. ("Brasco"), 538 Dublin av, Columbus, O.
See adv index at end of book
Concord Woodworking Co., Concord, N. H.
Cooper Sanitary Mfg. Co. ("Porceloid" White), 34th & Chestnut, Phila., Pa.
Cowan Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Coyne & Delany Co. ("C. & D."), 832 Kent av, Brooklyn, N. Y.
Detroit Plumbing Supply Co., 617 Mack av, Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.
Emery Wm. S. ("Acme," "Primrose," "Non-Split"), 118 E 28th, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fibre Corporation, Lockport, N. Y.
Findeisen & Kropf Mfg. Co. ("Cello" White), 2559 W 21st, Chicago, Ill.
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Globe Furniture Co. Ltd., Northville, Mich.
Grand Rapids Hand Screw Co. ("Bull Dog," "Globe"), Grand Rapids, Mich.
Haines, Jones & Cadbury Co. ("Relyo," "Fema," "Ivoroid"), 1136 Ridge av, Phila., Pa.
Heap, Wm. & Sons, Grand Haven, Mich.
James Mfg. Co. ("Jamaco"), Canton, O.
Jensen's Factory Store, Evansville, Ind.
Knott Mfg. Co., Tell City, Ind.
Leclaire Mfg. Co., Edwardsville, Ill.
Meyer-Sniffen Co. ("Climax"), 11 W 36th, New York
Miller Chas. A. Co., Sturgis, Mich.
Milwaukee Seat & Tank Co., Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Never Split Seat Co. ("Never Split"), Evansville, Ind.
Olmstead-Thomson Mfg. Co. ("Square Deal"), New Britain, Conn.
Osada Sheet Metal & Wood Works, 1422 S Front, Phila., Pa.
Greensboro, N. C.
Peerless Selling Co. ("Don't Worry"), Evansville, Ind.
Peirce W. E. & Co., Milford, N. H.
Pfau Mfg. Co., ("Pfau"), Mentor & Huston, Norwood, Cincinnati, O.
Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.
Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Sanitary Specialties Co. ("Ivorid," "Porceloid"), 1836 E Clearfield, Phila., Pa.
Sanitary Ware Mfg. Co., Newark, N. J.
Sanitas Mfg. Co. ("Rollins" & Cover), 105 Washington, Boston, Mass.
Sherwood Brass Works ("Sherwood," Aluminum), 1167 E Jefferson, Detroit, Mich.
Shwab Bros. Co. ("Neverbreak" & Childs Comfort), 811 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), S Orange, N. J.
Standard Sanitary Mfg. Co. ("Ivorite"), Bessemer bldg, Pittsburgh, Pa.
Standard Tank & Seat Co. ("Everlasting," "Ivory," Celluloid Covered), Camden, N. J.
Teahen James M. ("Vitio"), 43 Fort W, Detroit, Mich.
Thompson Mfg. Co., Holland, Mich.

Van Arnam Mfg. Co. ("Van-Ar-Co," "Samson"), Ft. Wayne, Ind.
Ventilating Closet Seat Co., Wausau, Wis.
Zero Valve & Brass Mfg. Co., Buffalo, N.Y.

13264—Seats (Elevator, Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Faul & Timmins, Buffalo, N. Y.

13265— Seats (Folding)

American Auto Top Mfg. Co. (Auxiliary), 1451 Wash blvd, Chicago, Ill.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Bryan Novelty Mfg. Co. ("Bryan" Folding Counter), Bryan, O.
Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.
Cook C. A. Co. ("Utility" Store Folding), Cambridge, Mass.
Faul & Timmins (Store Folding), Buffalo, N. Y.
Fernald Mfg. Co. ("New I-D," "Buffington," "Peerless," Third Seat for Carriage, etc), North East, Pa.
Hill Mfg. Co. ("Hill" Auxiliary), 23 Fuller, Buffalo, N. Y.
Hodge & Graves Co. ("Luxury"), Amesbury, Mass.
Imperial Bit & Snap Co. (Steel Third Buggy Seat), Racine, Wis.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
McKinnon Dash Co., Buffalo, N. Y.
Racine General Mfg. Co. (Jobbers), Racine, Wis.

13266— Seats (Motorman's)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Electric Service Supplies Co. ("Keystone" Adjustable & Collapsible), 17th & Cambria, Phila., Pa.
Wood Chas. N. Co., 14 Federal, Boston, Mass.

13267— Seats (Pole)

Allen Iron & Steel Co., 3rd & Venango, Phila., Pa.
Bissell F. Co. ("Security"), Toledo, O.
Central Tile & Elec. Co. (Chairs), 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. (Houses), 162 N Clinton, Chicago, Ill.
Fairmount Elec. Mfg. Co. (Chairs, Cars), 59th & Woodland, Phila., Pa.
Hall Frank B. (Houses), Newton Falls, O.
Hallett Iron Works ("Hallett" Safety), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. Bolt Co. (Cable), 2907H Carson, Pittsburgh, Pa.
Meckel Fred. L., 11 E 13th, Chicago, Ill.

13268—Seats (Spindle, Carriage)

Newton W. H. & Son, Cortland, N. Y.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

13269— Seats (Stoop)

Leipzig A. (Willow), 127 W 17th, New York

Seats (Third)

See Seats, Folding

13270— Seats (Valve)

Anderson Rubber Works, Anderson, Ind.
Boyd James & Bro. (Rotary for Pumps), 25th & Wharton, Phila., Pa.
Casenite Co. (Acetylene Gas), 21 Warren, New York
National Mfg. & Engineering Co. (For Pump Valves), 1537 Race, Phila., Pa.
Smeeth-Harwood Co. (For Hot Blast Stoves, Tuyeres & Coolers), 2401 W 22d, Chicago, Ill.
Trenton Brass & Machine Co. (For Galvanized Iron Siphons), Trenton, N. J.

13271— Secohmeters

Leeds & Northup Co., 4901 Stenton av, Phila., Pa.

13272—Sections (Honey Box)

Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co., Council Bluffs, Ia.

13273— Seeders (Beet)

American Seeding Machine Co. ("Superior"), Springfield, O.
Bateman Mfg. Co. ("Iron Age"), Greloch, N. J.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Deere & Mansur Works (Drills), Moline, Ill.
Gale Mfg. Co., Albion, Mich.
McWhorter Mfg. Co., Riverton, N. J.
Moline Plow Co. (Four Row), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

13274— Seeders (End Gate)

Bristol & Gale Co. ("Paragon"), 158 Carroll av, Chicago, Ill.
Foster & Williams Mfg. Co., Racine, Wis.
Freeman Mfg. Co., Racine, Wis.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Luthy & Co., Peoria, Ill.
Meadows Mfg. Co., Pontiac, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Peoria Drill & Seeder Co. ("Gledale Agitator," "Peoria Agitator"), Peoria, Ill.
Racine Implement Co., Racine, Wis.
Sester Mfg. Co., Peoria, Ill.

13275— Seeders (Garden)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
Bateman Mfg. Co., Grenloch, N. J.
Blocki F. Co., Sheboygan, Wis.
McWhorter Mfg. Co., Riverton, N. J.

13276— Seeders (Grass)

Crown Mfg. Co. (Wheelbarrow), Phelps, N. Y.
Cyclone Seeder Co., Urbana, Ind.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Rittenhouse J. F. ("Rittenhouse", also Tin Horn Seeders), Liberty Mills, Ind.
Seeder Mfg. Co., Homer, Mich.
Star Seeder Co., Shortsville, N. Y.
Thompson O. E. & Sons (Hand), Ypsilanti, Mich.

13277— Seeders (Raisin)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Philadelphia, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Landers, Frary & Clark ("Crown"), New Britain, Conn.

13278— Seeders & Sowers

Seeders; also Sowers

Abbott S. B. (Hand Seeders), Goshen, Ind.
Allen S. L. & Co. ("Planet, Jr."), Bean, Pea, etc.), 15th & Glenwood, Phila., Pa.
American Seeding Machine Co. (Broadcast), Springfield, O.
Beaver Dam Mfg. Co. ("Ideal"), Beaver Dam, Wis.
Belcher & Taylor Agri. Tool Co. (Fertilizer "Stevens"), Chicopee Falls, Mass.
Blocki F. Co. (Broadcast Seeders), Sheboygan, Wis.
Cyclone Seeder Co. ("Cyclone," "Chicago" & Sower), Urbana, Ind
Deere & Mansur Works (Alfalfa), Moline, Ill.
Dowagiac Drill Co. (Seeders), Dowagiac, Mich.
Emerson-Brantingham Co., Rockford, Ill.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Foster & Williams Mfg. Co., Racine, Wis.
Gale Mfg. Co. (Broadcast), Albion, Mich.
Goodell Co. ("Cahoon" Hand), Antrim, N. H.
Hench & Dromgold Co. (Inc.), York, Pa.
Herschel R. Mfg. Co. (Hill & Drill), Peoria, Ill.
International Harvester Company of America (Inc.) (Empire, Hoosier, Kentucky), (Broadcast Seeders & Fertilizer Sowers), Harvester bldg, Chicago, Ill.
Janesville Machine Co., Janesville, Wis.
Johnson & Field Mfg. Co. (Scandinavian Broadcast), Racine, Wis.
King Drill Mfg. Co., Nebraska City, Neb.
La Crosse Plow Co. (Also Grass Seeder Attachments), La Crosse, Wis.
Luthy & Co. (Also Grass Seeder Attachments), Peoria, Ill.
Massey-Harris Harvester Co. (Disc Seeder), Batavia, N. Y.
Moline Plow Co. ("Monitor," "Economy," "Flying Dutchman," "Moline Giant"), Moline, Ill.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co. ("Columbia," "Cyclone," "Union, Jr."), Peoria, Ill.
Rittenhouse J. F. (Grain Seeders), Liberty Mills, Ind.
Seeder Mfg. Co. (Wheelbarrow & Horn), Homer, Mich.
Star Seeder Co., Shortsville, N. Y.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.
Van Brunt Mfg. Co. (Broad Cast), Horicon, Wis.
Wayne Works, Richmond, Ind.

Segments (Commutator)

See Bars, Commutator

13279—Segments (Controller)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Eureka Co., North East, Pa.

13280—Selective Calling Systems (Telephone)

General Railway Signal Co. (For Train Dispatching), Rochester, N. Y.

13281— Selenium

American Smelting & Ref. Co., 120 B'way, New York
Drakenfeld B. F. & Co. (Oxychloride), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.

Self-Closing Work

See Cocks & Bibbs, Self-Closing

13282—Self-Feeders & Band Cutters for Threshers

Advance-Rumely Thresher Co., Inc. ("Rumely Ruth"), Laporte, Ind.
Avery Co. ("Avery," "Bartholomew"), Peoria, Ill.
Buffalo Pitts Co., Buffalo, N. Y.
Case J. I. Threshing Machine Co., Racine, Wis.
Emerson-Brantingham Co. ("Geiser Peerless"), Rockford, Ill.
Frick Co., Waynesboro, Pa.
Garden City Feeder Co., Pella, Ia.
Hart Grain Weigher Co. ("Langdon Ideal," "Hart New Model," "Langdon Junior"), Peoria, Ill.
Holt Mfg. Co. ("Chain), Stockton, Cal.
Huber Mfg. Co. ("New Huber"), Marion, O.
Jackson-Byron Iron Works (Self Feeder), Berkley, Cal.
Maytag Co. ("Parsons," "Ruth," "Hawkeye"), Newton, Ia.
Minneapolis Threshing Machine Co., Hopkins, Minneapolis, Minn.
Nichols & Shepard Co. ("Nicholas & Shepard," "Universal"), Battle Creek, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell & Co. ("Boss"), Massillon, O.
Sandwich Mfg. Co., Sandwich, Ill.
Westinghouse Co., Schenectady, N. Y.
Wood Bros. Thresher Co., Des Moines, Ia.

13283— *Self-Starters

CUTLER-HAMMER MFG. CO. (Alternating and Direct Current), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

Self-Starters (Automobile)

See Engine Starters, Automobile

13284— Separators (Air)

GRISCOM-RUSSELL CO. "Stratton," Removes Moisture from Compressed Air), 92 West, New York
See adv index at end of book
Holly Pneumatic Systems, Inc., 145H W 45th, New York
Sturtevant Mill Co. (Vibrating), Clayton & Park, Dorchester, Boston, Mass.

13285-6-7—Separators (Ammonia)

Crane Co. ("Crane" Ammonia Oil), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Steam Appliance Co. ("Victor"), Milwaukee, Wis.
Triumph Elec. Co., Dept. H, Oakley, Cincinnati, Ohio

13288— Separators (Barley)

Barnard & Leas Mfg. Co. (Also Malt), Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for Brewers & Maltsters), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.

13288a—Separators (Battery)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13289— Separators (Bean)

Avery B. F. & Sons, Louisville, Ky.
Howes S. Co., Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Owens, J. L. Co., Fulton & S. E. Huron, Minneapolis, Minn.

13290— Separators (Bow)

See Also Sockets, Bow

Auto Specialties Mfg. Co., ("Bair"), Joliet, Ill.
Cowles C. & Co., New Haven, Conn.
Detroit Socket Co. ("Desoco"), 834 W Jefferson, Detroit, Mich.
Eberhard Mfg. Co., C. & P. Ry. & Tennyson rd, Cleveland, O.
Essex Brass Foundry Co., Cambridge, Mass.
Iroquois Auto Top Co. ("Stick-Tite"), Utica, N. Y.
Jonah & George, Merrimac, Mass.
Keeler Brass Co., Grand Rapids, Mich.
Novelty Mfg. Co., Waterbury, Conn.
Scherer H. & Co., 280 E Jefferson av, Detroit, Mich.
Smith Jos. N. & Co., 2461 E Grand blvd, Detroit, Mich.

SEPARATORS (BOW)—continued

Springfield Auto Top & Upholstering Co. ("Never-Rub"), Springfield, Mass.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Weiss Chas. & Son ("American"), 4715 Cottage Grove av, Chicago, Ill.
Western Brass Mfg. Works, Marshal blvd & W 31st, Chicago, Ill.
Wiener-Barnet Co., 228 Adams, Newark, N. J.
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

13291—Separators (Cement, Plaster, Etc.)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

13292—Separators (Centrifugal)

American Tool & Machine Co. ("Roper" for Separating Oil from Bolts, Nuts & Small Pieces, Metal Chips & Turnings, Belt or Motor Driven), 10 High, Boston, Mass.
Curtis Albert B. (For Separating Oil from Steel Chips, etc), Worcester, Mass.
De Laval Steam Turbine Co., E. Trenton, N. J. *See adv index at end of boo*
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa. *See adv index at end of book*
Sharples Specialty Co. ("Super Centrifuge" for Wool Fat, Oils & Water Gas Tar), West Chester, Pa.

13293— Separators (Coal)

Anthracite Separator Co. ("Spiral," Automatic in Action), Hazleton, Pa.
Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.

13294—Separators (Cotton Seed)

American Machine & Mfg. Co., Atlanta, Ga.
Bauer Bros. Co., Bauer bldg, Springfield, Ohio
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Diamond Huller Co., Winona, Minn.
Murray Co., Dallas, Texas
New Winona Mfg. Co., Winona, Minn.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.

13295—Separators (Cracked Corn)

Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Howes S. Co., Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

13296— Separators (Cream)

ALBAUGH DOVER CO., 2100 Marshall bldg, Chicago, Ill. *See adv index at end of book*
American Separator Co. (Centrifugal), Bainbridge, N. Y.
Anker-Holth Mfg. Co., Port Huron, Mich.
Associated Mfrs. Co., Waterloo, Ia.
Blanke Mfg. & Supply Co. ("Standard," "Champion"), 3rd & Washington av, St. Louis, Mo.
Buckeye Cream Separator Co., Oberlin, O.
Burrell D. H. Co. ("Simplex," Centrifugal, Hand & Power), Little Falls, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Chapman C. L. Cream Separator Works, Erie, Pa.
Cleveland Cream Separator Co. (Centrifugal), 6613 Hough, Cleveland, O.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Cream Separator Co. ("Dairy Queen"), Lebanon, Ind.
Davis J. H. Sparta, Wis.
Davis-Watkins Dairymen's Mfg. Co. ("Davis" Centrifugal), North Chicago, Ill.
De Laval Dairy Supply Co., 61 Beale, San Francisco, Cal.
De Laval Separator Co. (Centrifugal), 165 B'way, New York
Deshler Mail Box Co. ("Success" Gravity), Deshler, O.
Diller Mfg. Co., Bluffton, O.
Empire Cream Separator Co. ("Empire"), Bloomfield, N. J.
Fisk E. W., Newark, N. Y.
Galloway Wm. Co., Waterloo, Ia.
Hastings Mfg. Corp., Dept. H, Goshen, Ind.
International Harvester Company of America (Inc.), (Primrose; 4 sizes), Harvester bldg, Chicago, Ill.
King Drill Mfg. Co., Nebraska City, Neb.
Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.
Lisk Mfg. Co. (Ltd.), ("Lisk" Anti Rust X X Charcoal Plate), Canandaigua, N. Y.
Lisle Mfg. Co. ("Monarch" Hand), Clarinda, Ia.
Milwaukee Separator Mfg. Co., ("Milwaukee"), 1029 Cold Spring, Milwaukee, Wis.
Murphy A. F. Die & Machine Co., 364 Atlantic av, Boston, Mass.
National Dairy Machine Co. ("National" Centrifugal, etc), Goshen, Ind.
National Enameling & Stamping Co. ("National"), 411 5th av, New York
Papec Machine Co., Shortsville, N. Y.
Reid A. H., Creamery & Dairy Supply Co. ("Reid" & Disc Bracket Hand), 69th & Haverford, Phila., Pa.
Reliance Engineering Co. ("Omega" Centrifugal), Lansing, Mich.
Renfrew Machinery Co., Ltd., 445 Milwaukee, Milwaukee, Wis.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Seither & Cherry Co. ("Banner" Stationary), Keokuk, Ia.
Sharples Separator Co. (Tubular), West Chester, Pa.
Standard Separator Co. ("Automatic"), 45th & Burnham, Milwaukee, Wis.
Starch Bros. Co., La Crosse, Wis.
Stevenson Mfg. Co. (Wood), South Bend, Ind. *See adv index at end of book*
Superior Sheet Metal Works Co. ("Superior"), 3201 Roosevelt av, Indianapolis, Ind.
Swedish Separator Co., 515 S 5th av, Chicago, Ill.
United Engine Co. ("Diabolo"), Lansing, Mich.
Vega Separator Co., Fostoria, O.
Vermont Farm Machine Co. ("United States"), Bellows Falls, Vt.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
Wayte W. J. (Imp.), 1 Liberty, New York
Weber Kirch Mfg. Co., Keokuk, Ia.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Worthington Pump & Machy. Corp. (Oil Engine Driven), 115 B'way, New York *See adv index at end of book*

Separators (Cream Centrifugal)

See Separators, Cream, with the word Centrifugal following their name

13297— Separators (Dust)

Banister A. W. Co., 421 Dorchester av, South, Boston, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Howes S. Co., Silver Creek, N. Y.
Ladel Mfg. Co. ("Ladel" Sawdust), New Philadelphia, O.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Sterling Blower Co. ("Sterling"), Hartford Conn.
Wolf Co., Chambersburg, Pa.

13298— Separators (Egg)

Aluminum Specialty Co., Manitowoc, Wis.
Kohler Die & Specialty Co., De Kalb, Ill.

13298a—*Separators (Electro-Magnetic)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*

13299—Separators (Electro-Static)

Sutton Steel & Steel ("S. S. & S." Dielectric, for Minerals), Dallas, Texas

Separators (Flax)

See Flax Seed Cleaning Machines

13300— Separators (Garlic)

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

13301—Separators (Gas & Oil)

National Supply Co., Union Bank bldg, Pittsburgh, Pa.
Rollins Supply Co. (Oil, also Detectors), 17 W Kinzie, Chicago, Ill.

13302— Separators (Grain)

Advance-Rumely Co. ("Rumely Ideal"), La Porte, Ind.
American Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.
American Machinery Co., 103 W. Water, Milwaukee, Wis.
Aultman & Taylor Machinery Co. ("New Century"), Mansfield, O.
Avery Co., Peoria, Ill.
Barnard & Leas Mfg. Co. ("Barnard's" Perfected Elevator, etc), Moline, Ill.
Closz Charles Co. (Threshing Screens), Webster City, Ia.
Conner J. W. & Son ("Overshot," Separator & Cleaner), Orangeville, Pa.
DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*
Emerson-Brantingham Co. ("New Peerless," "Reeves"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fosston-Carpenter Co. ("Fosston" Cleaner & Separator), St. Paul, Minn.
Hoosier Mfg. Co., New Castle, Ind.
HOWES S CO., Silver Creek, N. Y.
Huntley Mfg. Co. ("Cranson" & "Monitor," Scouring, Polishing & Separating, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Racine" Dustless), Racine, Wis.
Merkel A. P., Fleetwood, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Owens J. L. Co. (Also Flax), Fulton & S E Huron, Minneapolis, Minn.
Prairie Queen Mfg. Co., Newton, Kan.
Prinz & Rau Mfg. Co. ("Prinz" Automatic), 659 E Water, Milwaukee, Wis.
Reeves Pulley Co. (Compound), Columbus, Ind.
Richmond Mfg. Co. ("Niagara" Compound Shake Double Receiving, etc), Lockport, N. Y.
Rumely Leo Tractor Co. ("Rumely Ideal," "Advance," "Gear Scott"), La Porte, Ind.
Sprout Waldron & Co., Muncy, Pa.
Swayne, Robinson & Co., Richmond, Ind.
Wolf Co., Chambersburg, Pa.

13303— Separators (Hop)

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York

13304—Separators (Inclined, Vibrating)

Tyler W. S. Co., Cleveland, Ohio *See adv index at end of book*

Separators (Iron & Brass)

See Separators, Magnetic

13305—Separators (Magnetic)

American Grondah Co., 120 B'way, New York
Barnard & Leas Mfg. Co., Moline, Ill.
Barnett Oscar Foundry Co., Irvington, N. J.
Birdsboro Steel Foundry & Machine Co. ("Buchanan"), Birdsboro, Pa.
BUCHANAN C. G. CO. INC. ("Buchanan" for Brass, Iron & Ore, etc.), 90 West, New York
Capitol Brass Works ("Noble's" Electro), 596 Franklin, Detroit, Mich.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
DINGS MAGNETIC SEPARATOR CO. ("Dings" Electric), 672 Smith, Milwaukee, Wis. *See adv index at end of book*
Dixie Electro Magnet Co., Memphis, Tenn.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Separators & Fields), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Magnetic Mfg. Co. (Alternating & Direct Currents), 279 23rd av, Milwaukee, Wis. *See adv index at end of book*

"HIGH DUTY"
MAGNETIC PULLEYS *and* MAGNETIC SEPARATORS
MAGNETIC MFG. CO.
279 Twenty-Third Avenue
Milwaukee, Wis.

Magnetic Separator Co. (For Magnetic Ores), Troy, N. Y.
Oakes Roland T. Co., Holyoke, Mass.
Richmond Mfg. Co. ("Niagara," "Automatic," for Removing Metal from Grain), Lockport, N. Y.
Sprout, Waldron & Co. (Automatic), Muncy, Pa.
Stearns-Roger Mfg. Co., Denver, Col.
Sutton, Steel & Steel ("S. S. & S." for Separating Magnetic from Non-Magnetic Material), Dallas, Tex.
United Iron Works, Inc. ("Cleveland-Knowles," for Separating Iron Pyrites from Lead & Zinc Ores), Kansas City, Mo.
Wolf Co., Chambersburg, Pa.

13305a—*Separators (Magnetic, Wet)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*

13305b—*Separators (Mineral Magnetic)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis. *See adv index at end of book*
Magnetic Mfg. Co., 279 23rd av, Milwaukee, Wis. *See adv index at end of book*

13305c— Separators (Oil)

See also Separators, Steam & Oil; also Separators, Centrifugal
Dunham C. A. Co., 343 S Dearborn, Chicago, Ill.



DINGS
MAGNETIC SEPARATORS

Manufacturers of magnetic pulleys, magnetic separators, etc.

Magnetic Pulleys for use where coarse material is handled, where the iron to be extracted is limited in quantity and where large capacity is important.

This equipment is used extensively to protect crushing and grinding machinery from breakage and damage due to "tramp" iron found in various kinds of material. It is also used for removing iron from material for other reasons, both mechanical and chemical.

Over 3500 satisfied customers.

DINGS MAGNETIC SEPARATOR CO.

HOME OFFICE AND WORKS, 672 SMITH STREET, MILWAUKEE, WISCONSIN

BRANCHES { New York—52 Vanderbilt Ave. Denver—1718 California Street Detroit—805 Hammond Bldg. Richmond—1905 E. Main Street

GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*

BUNDY OIL SEPARATOR



For separating oil from exhaust steam. Multiple baffle plates insure high efficiency. These plates can be removed and cleaned, assuring maintenance of original efficiency.

THE
GRISCOM-RUSSELL CO.
92 West Street New York



Oil & Waste Saving Machine Co., Real Estate Trust bldg, Phila., Pa. *See adv index at end of book*

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.

Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

Patterson-Kelley Co., Church & Cortlandt, New York. *See adv index at end of book*

13305d—*Separators (Oil, from Steel Chips)

See also Separators Centrifugal; also Extractors, Oil & Grease

OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa. *See adv index at end of book*

13306— Separators (Ore)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*
Huff Electrostatic Separator Co. ("Huff" Electro Static), 60 India, Boston, Mass.
Magnetic Mfg. Co. (Magnetic), 279 23rd av, Milwaukee, Wis. *See adv index at end of book*
Zinc Concentrating Co., 60 Congress, Boston, Mass.

13307— Separators (Pea)

Howes S. Co., Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Sprague Canning Machinery Co. ("Scotts" Rotary Interchangeable), 222 N Wabash av, Chicago, Ill.

13308— Separators (Peanut)

Cardwell Machine Co. ("Smith"), 1900 E Cary, Richmond, Va.
Howes S. Co., Silver Creek, N. Y.

13309—Separators (Pneumatic)

Bauer Bros. Co., Bauer bldg, Springfield, Ohio.
Ideal Concrete Machy. Co. (Chip), 1346 Monmouth av, Cincinnati, Ohio

13309a—Separators (Receiver)

Cochrane H. S. B. W. Corp., 3147 N 17th, Phila., Pa.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Elliot Co., Dept. H, Jeannette, Pa.

13310—Separators (Reclaimed Rubber)

DINGS MAGNETIC SEPARATOR CO., 672 Smith, Milwaukee, Wis. *See adv index at end of book*
Howes S. Co., Silver Creek, N. Y.
VAUGHN MACHINERY CO., (Washing Tubs & Water Separators), Cuyahoga Falls, O. *See adv index at end of book*

13311— Separators (Rice)

Advance-Rumely Co. ("Rumely Ideal"), La Porte, Ind.
Howes S. Co., Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Rumely Leo Tractor Co. ("Advance," "Gear Scott," "Tiger," "Rumely Ideal"), La Porte, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.

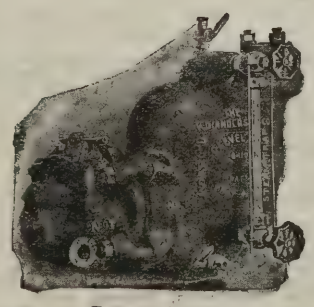
13312—Separators (Small Seed)

Howes S. Co., Silver Creek, N. Y.
Nichols & Shepard Co., Battle Creek, Mich.

13313—Separators (Steam & Oil)

See also Extractors, Oil & Grease

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
Allentown Experimental Work (Steam), Union & W 3rd, Allentown, Pa.
Ambrose Machine Co. ("De Rycke"), 254 Eagle, Brooklyn, N. Y.
American District Steam Co. (Oil & Water), North Tonawanda, N. Y.
American Laundry Machinery Co., Cincinnati, O.
ANDERSON V. D. CO. ("Anderson"), W New York 96th, Cleveland, O. *See adv index at end of book*
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
BUFFALO FOUNDRY & MACHINE CO. (Steam), Buffalo, N. Y. *See adv index at end of book*
Central Station Steam Co., 710 Woodbridge Detroit, Mich.
Cochrane H. S. B. W. Corp. ("Cochrane"), 3147 N 17th, Phila., Pa.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
CRANE CO., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
d'ESTE JULIAN CO. ("Curtis"), 26 Canal, Boston, Mass. *See adv index at end of book*
Direct Separator Co. ("Sweet"), Syracuse, N. Y.
Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), Edison bldg, Chicago, Ill.
Elliot Co., Dept. H, Jeannette, Pa.
Elliott B. K. Co. (Horizontal & Vertical), 126 6th, Pittsburgh, Pa.
GARDNER GOVERNOR CO. ("Gardner"), 23 Williamson, Quincy, Ill. *See adv index at end of book*



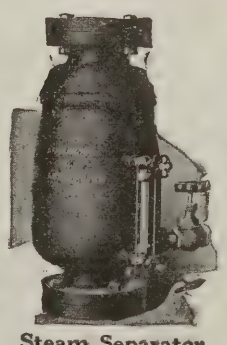
Steam Trap

ANDERSON
SPECIALTIES
AIR and STEAM TRAPS
STEAM and OIL SEPARATORS
OIL FILTERS

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537 Race Street Philadelphia, Pa. 100 Pearl Street Boston, Mass.
366 Third Ave., New York City



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The V. D. ANDERSON COMPANY West 96th Street, CLEVELAND, OHIO

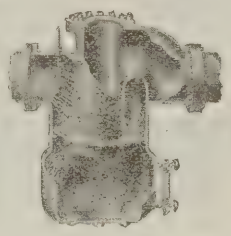
SEPARATORS (STEAM & OIL)—cont.

Garrett W. D. & Co. ("Garrett," Exhaust Muffler Oil Separator), 126 Liberty, New York

GRISCOM-RUSSELL CO. ("Stratton" & Live Steam, "Bundy" Exhaust Steam & Oil), 92 West, New York
See adv index at end of book

STRATTON JR. OIL SEPARATOR

Removes Oil from Exhaust Steam





THE GRISCOM-RUSSELL CO.
92 West Street New York

Hardie-Tynes Mfg. Co., Birmingham, Ala.

Hewes & Phillips Iron Works ("Naylor" Vortex Steam), 8 Orange, Newark, N. J.

Hoppes Mfg. Co., Springfield, O.

Hussey-McCann & Co. ("Peerless"), 87 Warren, New York

Illinois Engineering Co. ("Eclipse"), W 21st & S Racine avs, Chicago, Ill.

Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.

Kelly Derby Co., Peoples Gas bldg, Chicago, Ill.

KELLOGG M. W. CO., 90 West, New York
See adv index at end of book

Kieley & Mueller, 34 W 13th, New York

KOVEN L. O. & BRO. (Steam), 154 Ogden av, Jersey City, N. J.
See adv index at end of book

KUTZTOWN FOUNDRY & MACHINE CO., (Compound for Steam Boilers), 1421 Chestnut, Philadelphia, Pa.
See adv index at end of book

Linton Machine Co., 26 Cortlandt, New York

McAlear Mfg. Co., 1901 S Western, Chicago, Ill.

Mitchell W. K. & Co. (Steam), 2940 Ellsworth, Phila., Pa.

Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.

National Pipe Bending Co. ("National"), New Haven, Conn.

Newhall Geo. M. Engineering Co. ("Baum"), Commercial Trust bldg, Philadelphia, Pa.

Nicholson W. H. & Co. ("Wyoming" Steam), Wilkes-Barre, Pa.

Ohio Body & Blower Co. ("Swartwout" Vertical), 9300 Detroit av, Cleveland, Ohio

Pangborn Corp. (Moisture & Oil From Compressed Air), Hagerstown, Md.

Patterson-Kelley Co. ("Patterson" Oil), Church & Cortlandt, New York
See adv index at end of book

Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Plant Engng. & Equipt. Co. ("Dripless Baffel"), 192H B'way, New York

Power Plant Specialty Co. ("Vater," Two Stage Steam, etc), Monadnock blk, Chicago, Ill.

Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.

Robertson Jas. L. & Son ("Hine's" Eliminator), 78 Murray, New York

Ruemmeli-Dawley Mfg. Co., (Steam Only), 3900 Chouteau av, St. Louis, Mo.

Sharkey & Peck, 2433 W 18th, Chicago, Ill.

Simonds Heating & Specialty Co. ("Simonds" Steam Receiver & Separator, overcomes all Steam Pipe Vibration), Grand Rapids, Mich.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Steam Appliance Co. ("Triumph," "Victor"), Milwaukee, Wis.

Stewart Heater Co. (Separator & Purifier Combined), N Tonawanda, N. Y.

Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av N W. Cleveland, O.

Tessmer Mach. & Tool Co., 1425 Rivard, Detroit, Mich.

Tolhurst Machine Wks. (Oil), Dept. H, Troy, N. Y.

UNITED MACHINE & MFG. CO. (The "Mosher" Separator for separating water, oil, or other foreign substance from live steam, exhaust steam, compressed air ammonia and other gases. Supplied in any required sizes with flanges unless otherwise specified, conforming to A. S. M. E. Extra heavy standard schedule. Special flanges and fittings furnished for ammonia separators), Canton, O.

Vance-Vetter Co., Phillips Power bldg, Pittsburgh, Pa.

Watson & McDaniel Co. ("W. & McD." and "Jennings" Horizontal & Vertical Steam), 146 N 7th, Phila., Pa.

Webster, Warren & Co. ("The Webster"), Camden, N. J.

Wheeler Condenser & Engineering Co. ("Baker' Oil), W. Carteret, N. J.
See adv index at end of book

Williams D. T. Valve Co. ("Cookson" Automatic), Cincinnati, O.

Wright-Austin Co. ("Austin"), 315H Woodbridge W, Detroit, Mich.

13314—*Separators (Steam, Oil & Air)

GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

STRATTON STEAM SEPARATOR

A *real* steam separator. Positive separation by centrifugal force. Simple in construction; no loose parts. Large receiver capacity.





THE GRISCOM-RUSSELL CO.
92 West Street New York

13315—Separators (Stone)

Brewer H. & Co., Tecumseh, Mich.

Great Western Mfg. Co. (For Separating Stone & Gravel from Wheat), Leavenworth, Kan

Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*

Wallace Mfg. Co., Frankfort, Ind.

Separators (Waste Oil)

See Separators, Centrifugal

13316—Separators (Water, for Reclaimed Rubber)

American Process Co., 68 William, New York

VAUGHN MACHINERY CO., Cuyahoga Falls, O. *See adv index at end of book*

13317— Separators (Wheat)

Anglo Am. Mill Co., Owensboro, Ky.

Beall Improvement Co., Decatur, Ill.

Blymyer Iron Works Co., Cincinnati, O.

Howes S. Co., Silver Creek, N. Y.

Invincible Grain Cleaner Co., Silver Creek, N. Y.

Union Iron Works, Decatur, Ill.

Wolf Co., Chambersburg, Pa.

13318—Separators (Whey)

Howes S. Co., Silver Creek, N. Y.

Sharples Separator Co., West Chester, Pa.

13318a—Separators (Wild Oat)

Ghent Mfg. Co., Ghent, Minn.

Invincible Grain Cleaner Co., Silver Creek, N. Y.

Klauer Mfg. Co., Dubuque, Ia.

Septic Tanks

See Tanks (Septic)

13319— Sets (Desk)

Art Metal Wks., 7 Mulberry, Newark, N. J.

Brass Specialty Co., 1645 No. 10th, Philadelphia, Pa.

Etching Company of America, 1520H Montana, Chicago, Ill.

Soart Bros. Co. (Sterling Silver Mounted Only), Attleboro, Mass.

Yale Novelty Co. (French Ivory), Leominster, Mass.

13320— Sets (Lock)

Sargent & Co., New Haven, Conn.

Taylor & Boggis Foundry Co. (Bathroom), Cleveland, O.

Sets (Manicure)

See Manicure Sets

13321— Sets (Military)

Bass E. & J., Inc., 610 B'way, New York

Yale Novelty Co. (French Ivory), Leominster, Mass.

Sets (Nail, Rivet, Saw, Etc.)

These Specialties are Classfied Under Their Descriptive Kinds

13322— Sets (Poker)

Bubeck & Guerin, 161 W 18th, New York

Harris G. H. Co., 61 Clymer, Brooklyn, New York

Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

13323— *Sets (Sheep)

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Settees, Chairs, Etc. (Veneered)

See Seating, Veneer

13324— Settees (Gliding)

Goshen Mfg. Co. ("Boyers"), Goshen, Ind.

13325—Settees (Perforated Slat)

Beckley Perforating Co. (Iron Frame), Garwood, N. J.

13326— Settees (Railroad)

See also Seating, Veneer

Ahnapee Veneer & Seating Co., Algoma, Wis.

American Seating Co., 14 E Jackson blvd, Chicago, Ill.

Frost's Veneer Seating Co., (Ltd.), Sheboygan, Wis.

Settees (Rustic)

See Rustic Woodwork

13327—Settees & Chairs (Iron)

See also Fountains, Vases, etc

Badger Wire & Iron Works, 25th av & Cleveand, Milwaukee, Wis.

Barbee Wire & Iron Wks. (Settees), 111 W Washington, Chicago, Ill.

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.

Bayley Wm. Co., Springfield, O.

Belmont Iron Works, 22d & Washington, Phila., Pa.

Casey-Hedges Co. (Cast Iron Settees), Chattanooga, Tenn.

Cincinnati Iron Fence Co. (Settees only, Also Wire), 3300 Spring Grove av, Cincinnati, O.

Fiske J. W. Works, 111 Park pl, New York

Ginther's J. Sons Co., Buffalo, N. Y.

Grafton Foundry Co., Grafton, Wis.

Hennecke C. Co., 1353 N Pierce, Milwaukee, Wis.

Jones M. D. Co., 73 Portland, Boston, Mass.

Jones Willis H., Utica, N. Y.

Kramer Brothers Foundry Co. ("Capital") Dayton, O.

Lindenschmidt Co., Evansville, Ind.

Ludlow-Saylor Wire Co., Newstead av cor Wabash R R. St. Louis, Mo.

McDonald Foundry (Cast Iron), Columbus, O.

McLean Jno., 440 Water, New York

Mack Iron & Wire Works Co., Sandusky, O.

Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

Mott J. L. Iron Works, Trenton, N. J.

Pettler Steel Mat & Mfg. Co., Beaver Falls, Pa.

Plocher Andrew Sons Co., Dayton, O.

Roanoke Iron & Bridge Works, Inc., Roanoke, Va.

Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Smyser, Royer Co., York, Pa.

STEWART IRON WORKS, THE (also Steel & Wood Slat), 237 Stewart blk, Cincinnati, Ohio

Swett A. L. Iron Works, Medina, N. Y.

Toy W. M. & Co., 10 E Shelby, Sidney, O.

Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

Verdeckberg Iron Wire Works Co. (Lawn Settees), Denver, Colo.

Wisconsin Iron & Wire Works, Milwaukee, Wis.

13328—Settees & Chairs (Lawn)

Adams Company (Wood Frame & Iron Leg Settees), Dubuque, Ia.

Badger Wire & Iron Works (Iron), 25th av & Cleveland, Milwaukee, Wis.

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.

Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.

Bernstein Mfg. Co., 3rd & Allegheny, Phila., Pa.

Buffalo Wire Works Co., (Wire Settees) 453 Terrace, Buffalo, N. Y.
See adv index at end of book

Carriage & Toy Co. (Wood), 741 W Lombard, Baltimore, Md.

Challenge Co. (Steel & Wood), Batavia, Ill.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Donaldson Bros., Mount Clemens, Mich.
Duisdieker Foundry & Mfg. Co., (Cast Iron), Pekin, Ill.
Ford & Johnson Chair Co. (Oak Slats Bolted to Castings), 801 S Wabash, Chicago, Ill.
Gold Medal Camp Furniture Mfg. Co., (Folding), Racine, Wis.
Grote F. Mfg. Co., Evansville, Ind.
Kalamazoo Sled Co. (Bent Wood, Folding & Swinging), Kalamazoo, Mich.
Lattimer W. H. & Sons (Wooden), Orwell, N. Y.
McLean Jno., 440 Water, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mitchell Robt. Furniture Co., 616 Race, Cincinnati, O.
Mott J. L. Iron Works (Wood, Iron Frame), Trenton, N. J.
Moulton C. W. H. Co., Somerville, Mass.
North Shore Ferneries Co., Beverly, Mass.
Ohio Rake Co., Dayton, O.
Readsboro Chair Co., Readsboro, Vt.
Sheboygan Chair Co., Sheboygan, Wis.
Southern Wire & Iron Works, Atlanta, Ga.
Steinfeld Bros. (Hardwood Folding & Bent Wood Settees & Chairs), 116 W 32d, New York
Stewart Iron Works The (& Park), 237 Stewart blk, Cincinnati, O.
See adv index at end of book
Whitehurst R. W. Mfg. Corp. (Lawn Settees), Norfolk, Va.

13329— Setters (Axle)

Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Noyes B. B. Co. ("Little Giant," Setter Straightener), Greenfield, Mass.

13330— Setters (Skein)

Williams, White & Co., Moline, Ill.

13331— Setters (Stud)

Errington F. A. (Opening), 39 Cortlandt, New York

13332-3— Setters (Tire)

See Upsetters, Tire; also Upsetting & Forging Machines

Brooks Machine Co. ("Brooks" Cold), Wichita, Kan.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
House Cold Tire Setter Co. ("House" Cold Hydraulic), 4143 Laclede av, St. Louis, Mo.
Houston Car Wheel & Machine Co., Houston, Tex.
Ideal Tire Setter Co., McGehee, Ark.
LOURIE HYDRAULIC PRESS CO. Springfield, Ill. *See adv index at end of book*
LOURIE MFG. CO. THE ("Hercules," "Scientific" Hydraulic), Springfield, Ill.
See adv index at end of book
Noyes B. B. Co. (Tire & Axle), Greenfield, Mass.
Pay Chas. & Co., 307 S Water, Providence, R. I.
Potts D. H. Co. ("Sun"), Lancaster, Pa.
West Tire Setter Co. ("West" Hydraulic), Rochester, N. Y.

13334—Sewage Disposal Outfits

Ashley Sewage Disposal Co. (Consulting & Contracting Engineers), Morgan Park, Chicago, Ill.
Edson Mfg. Co. ("Edson" Odorless), 257 Atlantic av, Boston, Mass
Lincoln Steel & Forge Co., 5701 National Bridge av, St. Louis, Mo.
Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Phila., Pa.
Noble Henry A. Co. ("National" & "The Improved" Odorless), 203 Dock, Phila., Pa.
Sanitation Corpn. ("R.-W. Screen"), 50 Broad, New York
Wallace & Tiernan Co., Inc., 349 B'way, New York

13335—Sewage Disposal Plants

Andrews Heating Co. ("Andrews" Septic), Minneapolis, Minn.
Archer Geo. F. (Bacterial Sewage Systems), 10 E 43d, New York
Aten Sewage Disposal Co., 286 5th av, New York
Bacterial Sewage Purification Co., 2 Wall, New York
Central Foundry Co. (Pipe & Specials for), 90 West, New York
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
City Wastes Disposal Co., 45 7th av, New York
Columbus Sewer Pipe Co., Columbus, Ga.
Dail Steel Products Co., Lansing, Mich.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Economy Pumping Machinery Co., 122 Curtis, Chicago, Ill.
Electrolytic Sanitation Co., 53 W Jackson blvd, Chicago, Ill.
Hammond Engineering Co. (Rotary Vacuum Dryers and Inverted Filters), Warren, Pa.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Merritt Hydraulics Co. ("Merritt," "Priestman-Beddoes"), 110 N Broad, Phila., Pa.
Modern Iron Works ("Rhodes-Williams" Raw Sewage Syphon), Quincy, Ill.
New York Sewage Disposal Co., 37 E 28th, New York
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Pacific Flush Tank Co. (Automatic Air Lock & Syphonic Apparatus), 4241 Ravenswood av, Chicago, Ill.
Priestman Albert ("Merritt" "Priestman-Beddoes"), 328 Chestnut, Philadelphia, Pa.
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Waring, Chapman & Farquhar ("Waring" System), 874 B'way, New York
YEOMANS BROS. CO. ("Yeomans" System), 1436 Dayton, Chicago, Ill.
See adv index at end of book

13336— Sewage Ejectors

Blaisdell Machinery Co. ("Blaisdell," Automatic), Bradford, Pa.
Chicago Pump Co. ("Duplex" Electric), 2342 Wolfram, Chicago, Ill.
See adv index at end of book
Economy Pumping Machinery Co. (Pneumatic), 122 Curtis, Chicago, Ill.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv index at end of book
Erwin & Co. (Electric Automatic), 3736 Cottage Grove av, Chicago, Ill.
I. X. L. Pump & Mfg. Co. ("I. X. L."), 957 N 9th, Phila., Pa.
Jenkins Mfg. Co. ("Jenkins"), Bloomfield, N. J.
Merritt Hydraulics Co. ("Priestman" Pneumatic, Electric), 110 N Broad, Phila., Pa.
Otterson Auto Eductor Co., Springfield, Ohio
Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.
Priestman Albert ("Priestman"), 328 Chestnut, Phila., Pa.
Sanitary Mechanical Specialty Co., 157 E 72d, New York
Shone Co. ("Shone"), 231 Institute pl, Chicago, Ill.
Simplex Ejector Co. (Automatic Pneumatic), 1050 W Randolph, Chicago, Ill.
Tranter Mfg. Co. (Steam), 105 Water, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Wieben John Co. (Automatic), 2051 Lexav, New York
YEOMANS BROS. CO. (Duplex Electric), 1436 Dayton, Chicago, Ill.
See adv index at end of book

Sewer Builders

See Contractors, Building & General

13337—Sewer Couplings & Connections

Buchanan A., Jr. (Soil Pipe), 490 Summer av, Brooklyn, N. Y.
Canton Cement Specialty Co., Canton, O.
Marsh Valve Co., Erie, Pa.

13338—Sewer Manhole Steps

Anderson W. H. Tool & Supply Co., 184 Bush, Detroit, Mich.
Co-operative Foundry Co., 207 Junction av, Detroit, Mich.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Maher & Flockhart, 76 Polk, Newark, N. J.
Stolz Jos. & Son, Inc., 841 E 136th, New York

13338a—*Sewer Pipe Strainers

See also Strainers (Gutter)

Donley Bros. Co. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book

Sewer Siphons

See Tanks, Flush

13339—Sewing Machine Attachments

Greist Mfg. Co., New Haven, Conn.
Parsons Mfg. Co., 411 S Clinton, Chicago, Ill.

13340— Sewing Machine Parts & Supplies

Hancock Mfg. Co. (Parts to Specifications), Charlotte, Mich.
Johnson Shuttle Co., 215 W Superior, Chicago, Ill.
Merit Machine Mfg. Corp., 465 Greenwich, New York
Scranton Forging Co., Scranton, Pa.
See adv index at end of book
Sewing Machine Supplies Co., 121 Beach, Boston, Mass.
Smallbone Mfg. Co., 1821 Berteau, Chicago, Ill.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*

13341—Sewing Machine Woodwork

Kundtz Theodor Co., Elm & Winslow av, Cleveland, O.

13342— Sextants

Keuffel & Esser Co., Hoboken, N. J.
Nautical Instruments Mfg. Co., Inc., 47 West, New York
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Rupp Michael & Co. (Imported), 113 Broad, New York

13343— Shackles (Anchor)

Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Baldt Anchor & Chain Co., Chester, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Cleveland Block Co., 1173 W 11th, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Laughlin Thos. Co., Portland, Me.
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SHACKLES, ANCHOR

Anchor, Chain, Block and Wire Rope, with screw, round or oval pins.

Send for catalogue.

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Portland, Maine

Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
See adv index at end of book
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Thacher Propeller & Foundry Corp., Albany, N. Y.
Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.

13344— Shackles (Chain)

Baldt Anchor & Chain Co., Chester, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Channon Jas. H. Mfg. Co. (Also Anchor Shackles), 227 W Erie, Chicago, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Laughlin Thos. Co. (Also Anchor), Portland, Me. *See adv index at end of book*
McMillan's W. H. Sons, 153 South, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
See adv index at end of book
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Ransome Concrete Machinery Co. (Steel), Dunellen, N. J.
United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.
Wilcox Crittenden & Co., Inc. (Anchor, Screw & Pin, etc.), Middletown, Conn.
See adv index at end of book

13344a—Shackles (Wire Rope)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware Equipment Co., South Portland, Me.
See adv index at end of book

13345— Shade Cloth Mfrs.

Bailey & Weston, 81 Washington, North Boston, Mass.
Bancroft Jos. & Sons Co. (Holland "Sun Fast"), Wilmington, Del.
Breneman Chas. W. & Co. ("Brenlin," "Camargo," "Myama"), 2045 Reading rd, Cincinnati, O.
California Shade Cloth Co., 2181 Bryant, San Francisco, Cal.
Cannon Mfg. Co., Concord, N. C.
Chace Mills, Fall River, Mass.
Columbia Mills, Inc. ("Crescent," "Damasko," "Star," "Arrow"), 225 5th av, New York
Columbia Western Mills, Peoria & W 121st, Chicago, Ill.
Covington Mills, Covington, Ga.
Dunson Mills, La Grange, Ga.
Hauser Shade Cloth Co. ("North Star"), Chicago Heights, Ill.
Interlaken Mills, Turks Head bldg, Providence, R. I.
Interstate Shade Cloth Co., Hoboken, N. J.
Lonsdale Co., 50 S Main, Providence, R. I.
McLean Andrew Co., Passaic, N. J.
Oswego Shade Cloth Co. (Chouaguen"), Oswego, N. Y.

SHADE CLOTH MFRS.—continued
Pacific Shade Cloth Co., Oakland, Cal.
Quidnick-Windham Mfg. Co., Willimantic, Conn.
Tremont & Suffolk Mills, Lowell, Mass.
Victor-Monoghan Mills, Greenville, S. C.
Western Shade Cloth Co. ("Victor," "Luxor," "Cambro"), 2100 S Jefferson, Chicago, Ill.
Woodruff Cotton Mills, Woodruff, S. C.

13346— Shade Cord Mfrs.

Samson Cordage Works, 88 Broad, Boston, Mass.
Turner & Stanton Co., Norwich, Conn.

13346a— *Shadeholders

General Electric Co., Shenectady, N. Y.
See adv index at end of book

13347— Shades (Aluminum)

Dale Lighting Fixture Co., 107 W 13th, New York
Faries Mfg. Co., Decatur, Ill.
National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

Shades (Car)

See Car Curtains & Materials

13348— Shades (Celluloid)

Utility Shade Co., Tenafly, N. J.

13349-50—Shades (Glass, Pressed or Blown)

Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Holophane Glass Co., 340 Madison av, New York
Imperial Glass Co., Bellaire, O.
Jefferson Glass Co. ("Doric-All-One," "Dorcilite," "Jefferson," "Moonstone," "Nitroglas"), 5 S Wabash, Chicago, Ill.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Western Art Glass Shade Works, 105 Turk, San Francisco, Cal.
Wormser Glass Co., 2nd & Sylvan avs, Pittsburgh, Pa.

13351—Shades (Leaded Glass, Mosaic, Etc)

Amboy Works, Perth Amboy, N. J.
Art Glass Mfg. Co., 128 Mott, New York
Art Shade Co., 224 N Desplaines, Chicago, Ill.
Bayley & Sons, 105 Vandeveer, B'rklyn, N. Y.
Bent Glass Novelty Co., 394 Canal, New York
Braunstein Bros. Co., 124 Wooster, New York
Cameron Glass Co. ("Cameron" Small Electric), Cameron, W. Va.
Daggett & Curry Co., Waltham, Mass.
Gudeman & Co., 19 W 36th, New York
Handel Co., Meriden, Conn.
Ideal Art Bent Glass Co., 407 Broome, New York
Imperial Art Glass & Lamp Works, 205 W 19th, New York
Kramer Bros. Lamp Co., Inc., 585 B'way, New York
Mosaic Shade Co., 1512 S Michigan av, Chicago, Ill.
Mutual Lamp Mfg. Co., 21 E Houston, New York
Northwestern Art Shade Co., 184 W Lake, Chicago, Ill.
Opalescent Bent Glass Co. (Opalescent Art Glass Co., mfrs. Lamp Shades), 106 7th av, New York
Plant Mfg. Corp., 236 5th av, New York
Rainaud H. E. Co., Meriden, Conn.
Royal Art Glass Co., 243 Canal, New York
Salem Bros. 122 Centre, New York
Standard Art Glass Co., 237 Lafayette, New York
Stavenhagen W. H. Co., 516 W 47th, New York
Tiffany Studios, 361 Madison av, New York
Unique Art Glass & Metal Co. ("Imperial"), 105 Vanderveer, Brooklyn, N. Y.
Warner C. B. & J., 138 W 14th, New York
Western Art Glass Shade Wks., 105 Turk, San Fraancisco, Cal.

13352—Shades (Mirror Lined)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.

13353— Shades (Paper)

Bloch L. D. & Co., 157 5th av, New York
Franke George Sons Co. (Lamp), 112 So Eutaw, Baltimore, Md.
Mayer Willy & Co., 41 Union sq, New York
Utility Shade Co., Tenafly, N. J.
Whaley J. A. & Co., 118 5th av, New York
Will & Baumer Co., 139 Madison av, New York

13354— Shades (Porch)

Aeroshade Co. ("Aerolux"), Waukesha, Wis.
Comey R. H. Co. ("Komi" Porch Curtains), Camden, N. J.
Gary Theo. H. Co. (Imp.), 67 Irving pl, New York
Hough Shade Corporation ("Vudor"), Janesville, Wis.
Leipzig A. (Bamboo, etc), 127 W 17th, New York
Raymond Porch Shade Co., McKey blvd, Janesville, Wis.

13355— Shades (Silk)

Art Lamp Mfg. Co., 521H S Wabash, Chicago, Ill.
Dale Lighting Fixture Co., 107 W 13th, New York
Fixture Specialty Co., Los Angeles, Cal.
Gudeman & Co. (Silk & Cretonne Shades & Domes), 19 W 36th, New York
Marquiz M. (Silk), 37 S Wabash, Chicago, Ill.
Morisnura Bros., 55 W 23d, New York
Plant Mfg. Corp., 236 5th av, New York
Royal Lamp Shade Co. (Silk Cretonne), 39 E 19th, New York
Schaeffer Max Co. (Silk), 26 Warren, New York
Starr's Mica Co., Oswego, N. Y.
Straus-Hohenstein Co., 132 W 21st, New York
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Utility Shade Co. (Also Linen), Tenafly, N. J.
Waldo Co., 45 E 20th, New York
Whaley J. A. & Co., 118 5th av, New York
Will & Baumer Co., 139 Madison av, New York

13356—Shades (Trolley Vestibule)

A. A. Elec. Mfg. Co. (Shades, Trolley, Vestibule), 355 Water, Bridgeport, Conn.
Adams-Bagnall Elec. Co., Platt av, Cleveland, O.
Baltimore Enamel & Novelty Co., 4 E Redwood, Baltimore, Md.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Cutter Geo. Co., South Bend, Ind.
Dunlap John Co., Carnegie, Pa.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Enamel Products Co., Cleveland, O.
Frink I. P., 24th & 10th av, New York
Herwig Art Shade & Lamp Co., 2140 N Halstead, Chicago, Ill.
See adv index at end of book
Hubbell, Inc., Harvey, Bridgeport, Conn.
Ivanhoe Regent Wks. of G. E. Co., 5716 Euclid av, Cleveland, O.
National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
Phila. Elec. & Mfg. Co., 1236 N 31st, Phila., Pa.
Royal Enameling & Mfg. Co., Chicago, Ill.
Vitrious Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

13357—Shades & Reflectors (Glass or Porcelain)

Benjamin Elec. Mfg. Co. (Porcelain), 120-128 S Sangamon, Chicago, Ill.
Cleveland Window Glass & Door Co., 209 Champlain av, N W, Cleveland, O.
Consolidated Lamp & Glass Co. ("Cora," "Aurora," "Pastelle," "Rosedore"), Coraopolis, Pa.
Corning Glass Works (Prismatic, Spherical & Parabolic Reflectors), Corning, N. Y.
Gill Bros. Co. ("Parian"), Steubenville, O.
Gill & Co. (Washington Flint Glass Works), E York & Thompson, Phila., Pa.
Gillinder & Sons ("Melibite"), State & Devereaux, Philadelphia, Pa.
Gleason-Tiebout Glass Co. (Glass Globes), 93 Commercial, Brooklyn, N. Y.
Holophane Glass Co. ("Holophane"), 340 Madison av, New York
Imperial Glass Co., Bellaire, O.
Ingram-Richardson Mfg. Co. (Porcelain Enameled), Beaver Falls, Pa.
See adv index at end of book
Jefferson Glass Co. ("Luceo" Glass), Follansbee, W. Va
Kirchberger M. & Co. (Imp.), 116 E 27th, New York
Luminous Specialty Co. (Elec. Light Reflectors), Indianapolis, Ind.
Macbeth-Evans Glass Co. ("Alba"), C of C bldg, Pittsburgh, Pa.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Neuhauser D. L. (Glass Shades Only), 326 W Grand av, Chicago, Ill.
Opalux Co. ("Opalux"), 200 5th av, New York
Pairpoint Corp'n, New Bedford, Mass.
Phoenix Glass Co. ("Electric & Gas"), 2d Nat'l Bank bldg, Pittsburgh, Pa.
Post Glover Electric Co., 308 W 4th, Cincinnati, O.
Star Glass Co. (Glass), Star City, W. Va.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Whaley J. A. & Co., 118 5th av, New York

13358—Shades & Reflectors (Metallic)

A. A. Electric Mfg. Co. (Zinc), Bridgeport, Conn.
Adams-Bagnall Electric Co. (For Mfg. Plants), Platt av, Cleveland, O.
American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2nd av, Pittsburgh, Pa.
Baltimore Enamel & Novelty Co., 4 E Redwood, Baltimore, Md.
Benjamin Elec. Mfg. Co., 120 & 128 S Sangamon, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Chandlee H. P. Sons Co. (Small Tin), 114 W Lombard, Baltimore, Md.
Chicago Lamp & Fixture Co., 309 S Clinton, Chicago, Ill.
Curtis-Leger Fixture Co. ("Scoop," "Helmet," "Bee Hive," "Poke Bonnet," Window Reflector), 235 W Jackson blvd, Chicago, Ill.
Cutter George Co., South Bend, Ind.
Dale Lighting Fixture Co., 107 W 13th, New York
Dunlap John Co., Carnegie, Pa.
Enamel Products Co., Eddy rd & Taft av, Cleveland, O.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
Faries Mfg. Co., Decatur, Ill.
Frink D. P. Inc. ("Frink"), 10th av & 24th, New York
Harter Mfg. Co., 524 S Clinton, Chicago, Ill.
Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hubbell Harvey, Bridgeport, Conn.
Ivanhoe-Regent Works of General Electric Works (Lamp), 5716 Euclid av, Cleveland, O.
Klemm & Co., 132 N 5th, Phila., Pa.
McLeod, Ward & Co., 430 11th av, New York
National Metal Stamping & Mfg. Co. ("Marten," "Tidman"), 494 Mulberry, Newark, N. J.
Ostrander W. R. & Co., 371 B'way, New York
Overbagh & Ayres Mfg. Co. ("Omaco" Show Case Reflectors), 411 S Clinton, Chicago, Ill.
P. R. Mfg. Co. ("Hartwig"), Detroit, Mich.
Peerless Light Co., 663 W Washington blvd, Chicago, Ill.
Phila., Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Plume & Atwood Mfg. Co. ("Plumwood"), Waterbury, Conn.
Post Glover Electric Co., 308 W 4th, Cincinnati, Ohio
Royal Enameling Mfg. Co., Des Plaines, Ill.
Troy Stamping Works, Troy, N. Y.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Vitrious Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*
Vogel W. & Bros., 37 S 9th, Brooklyn, N. Y.
Warshavsky A. W., 137 B'way, Brooklyn, N. Y.
Weeks Nelson (Tin), 226 Pacific, Brooklyn, N. Y.
Western Reflector Co., 1053 W Lake, Chicago, Ill
Wheeler Reflector Co. ("Para-Steel" "Wheeler"), 156 Pearl, Boston, Mass.
Wood C. D. Electric Co. (Enam. Steel Imp), 441 B'way, New York

13359—Shades & Reflectors (Mirror)

American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Camden Forge Co. (Marine & Mill), Camden, N. J.
Frink I. P. Inc. ("Frink"), 10th av & 24th, New York
Klemm & Co. ("Diamond"), 132 N 5th, Phila., Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
National X-Ray Reflector Co. ("Scoop"), 233 W Jackson blvd, Chicago, Ill.
Overbagh & Ayres Mfg. Co. ("Omaco"), 411 S Clinton, Chicago, Ill.
Pennsylvania Glass Mfg. Co., 404 Diamond, Pittsburgh, Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Weeks Nelson, 226 Pacific, Brooklyn, N. Y.
Western Reflector Co., 1053 W Lake, Chicago, Ill.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

13359a— Shafting

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Dow L. B. Inc., Keene, N. H.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frick & Lindsay Co., Sandusky & Robinson, Pitsburgh, Pa. *See adv index at end of book*
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

13360—Shafting (Cold Drawn Steel)

American Tool & Machine Co., 10 High Boston, Mass.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Columbia Steel & Shafting Co., Carnegie, Pa.
Compressed Steel Shafting Co., Readville, Mass.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Fairbanks Co., 416 Broome, New York
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Also Cold Rolled), Ross, Pittsburgh, Pa.
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
National Tube Co., Frick bldg, Pittsburgh, Pa.
New England Drawn Steel Co., Mansfield, Mass.
Pardee C. Works, Perth Amboy, N. J.
Pennsylvania Shafting Co., Spring City, Pa.
Roanoke Iron Works, Inc., Roanoke, Va.
Republic Iron & Steel Co., Youngstown, O. *See Branch Offices Alphabetical Section*
Standard Gauge Steel Co., Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.
Walker Mfg. Co. ("Walker" Cold Rolled). Denver, Colo.
WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

13361— Shafting Collars

American Bridge Co., 30 Church, New York
American Tool & Machine Co., 10 High, Boston, Mass.
Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Chain Belt Co., Milwaukee, Wis.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Cresson-Morris Co., Allegheney & 18th, Philadelphia, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Erie Forge Co., Erie, Pa.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Grace C. M. & Co., Huntsville, Ala.
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Medart Patent Pulley Co. (Plain or Safety Type), 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Rhode Island Tool Co. (Cold Punched), Providence, R. I.
Royersford Foundry & Machine Co. (Solid & Split), Royersford, Pa.
Standard Pressed Steel Co. ("Hallowell," Cold Rolled Steel), 20th & Indiana, Phila., Pa.
Valley Iron Works (Cast Iron), Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Wisconsin Fdry. & Mach. Co. (Line), Madison, Wis.
Wolf Co. (Safety Set, etc), Chambersburg, Pa.
Wood's T. B. Sons Co. (Safety Set), Chambersburg, Pa.

13362—Shafting (Heavy Forged Steel)

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co. (Solid or Hollow), South Bethlehem, Pa.
Boston Forge Co., E Boston, Mass.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
ELECTRIC STEEL & FORGE CO., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Steel & Iron Co., 52nd & Grays, Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

13363—Shafting (Hollow Seamless Steel)

AMERICAN HOLLOW BEARING CO., 1055 W 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
National Tube Co. ("Shelby"), Frick bldg, Pittsburgh, Pa.

13364—Shafting (Iron & Steel)

The Firms under this heading all Roll Shafting

Bethlehem Steel Co., So. Bethlehem, Pa.
Braeburn Steel Co. (Steel Only), Braeburn, Pa.
Cambria Steel Co. (Steel Only), Widener bldg, Phila., Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Cumberland Steel Co. (Turned & Ground Steel), Cumberland, Md.
Erie Forge Co. (Steel), Erie, Pa.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Illinois Steel Co. (Steel Only), 208 S La Salle, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Judson Mfg. Co. (Iron), 819 Folsom, San Francisco, Cal.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Reading Iron Co., Reading, Pa.
Titusville Forge Co., Titusville, Pa.
WARD'S EDGAR T. SONS CO. (Steel), 45-54 Farnsworth, Boston, Mass. *See adv index at end of book*
WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

13365—Shafting (Polished Steel)

American Hollow Boring Co., 1055 W 19th, Erie, Pa.
American Tool & Machine Co., 10 High, Boston Mass
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bliss & Laughlin (Keyseated & Fitted with Couplings), Harvey, Ill
Blum Julius & Co., 540 W 22nd, New York
Brightman Mfg. Co. (Cold Drawn, 1-4-in. to 1 3-16-in), Columbus, O.
Brown A. & F. Co., 79 Barclay, New York.
Cambria Steel Co., Widener bldg, Phila., Pa.
Columbia Steel & Shafting Co., Carnegie, Pa.
Compressed Steel Shafting Co., Readville, Mass.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cumberland Steel Co. (Turned & Ground), Cumberland, Md.
Fitzsimons & Co., 2496 B'way, S. E., Cleveland, O.
Fitzsimons Co., Youngstown, O.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsbugh, Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
New England Drawn Steel Co., Mansfield, Mass.
Pardee C. Works, Perth Amboy, N. J.
Penn Shafting Co., Spring City, Pa.
Republic Iron & Steel Co. ("Acme"), Youngstown, O. *See Branch Offices Alphabetical Section*
Standard Gauge Steel Co., Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.
WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

13366— Shafting (Turned)

Allis-Chalmers Mfg. Co. (Steel), Milwaukee, Wis.
American Hollow Boring Co., 1055 W 19th, Erie, Pa.
American Tool & Machine Co. (Iron & Steel), 10 High, Boston, Mass.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Brightman Machine Co., Quincy & C. & P. Ry., Cleveland, O.
Brightman Mfg. Co. (1 1-4" to 6"), Columbus, O.
Brown A. & F. Co. (Steel), 79 Barclay, New York
Columbia Steel & Shafting Co., Carnegie, Pa.
Cumberland Steel Co. (Turned & Ground Steel), Cumberland, Md.
Dick R. & J. Ltd., Passaic, N. J.
Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machinery Co., Tiffin, O. *See adv index at end of book*
Hill Clutch Co., W 65th, Cleveland, O.
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa. *See adv index at end of book*
Medart Patent Pulley Co. (Steel), 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Pardee C. Works, Perth Amboy, N. J.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Gauge Steel Co., Beaver Falls, Pa.
Titusville Forge Co. (Forged 10 lbs. to 30 Tons), Titusville, Pa.
Union Drawn Steel Co. (Steel), Beaver Falls, Pa.
Walker Mfg. Co., Denver, Colo.

13367—Shafting (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

13368— Shafts (Cam)

Am. Hollow Boring Co. (Hollow Bored Steel), 1055 W 19th, Erie, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Camden Forge Co., Camden, N. J.
Commercial Machine Co., Dunkirk, N. Y.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Indianapolis Drop Forging Co., Indianapolis. Ind.
Jackson Motor Shaft Co., Jackson, Mich.
Ladish Drop Forge Co., Cudahy, Wis.
Lansing Forge Co., Lansing, Mich. *See adv index at end of book*
Muskegon Motor Specialties Co., Muskegon, Mich.
Norton Grinding Co., Worcester, Mass.
Obenberger Drop Forge Co., 53rd & Burnham, Milwaukee, Wis.
Peninsular Auto Parts Co., 46 E Lafayette, Detroit, Mich.
Pittsburgh Shafting Co. of Detroit, 346 W Fort, Detroit, Mich.
Pollak Steel Co., Cincinnati, Ohio
Steel Products Co., 2206 Clarkwood rd, Cleveland, Ohio
Transue & Williams Steel Forging Corp., Alliance, O.
Vulcan Steam Forging Co., Inc., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.

13369— Shafts (Flexible)

Almond T. R. Mfg. Co. ("Almond" Flexible Electric), Ashburnham, Mass.

SHAFTS (FLEXIBLE)—continued
Binghamton Flexible Shaft Co., Binghamton, N. Y.
Breeze Carbureter Co., 250 South, Newark, N. J.
Chicago Flexible Shaft Co., 5600 W 12th, Chicago, Ill.
Coates Clipper Mfg. Co. ("Coates" Unit Link), Worcester, Mass.
FISCHER CHAS. SPRING CO., 240 Kent av, Brooklyn, N. Y.
GEM MFG. CO. ("Gem" Motor Driven), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

SHAFTS (Flexible) "GEM"
GEM GUARANTEE GOOD
Rope or Motor Driven.
Gem Mfg. Co., PITTSBURGH, PA

Haskins R. G. ("Haskins"), 27 S Desplaines, Chicago, Ill.
Plank Flexible Shaft Machine Co. Grand Rapids, Mich.
STOW MFG. CO., INC., Binghamton, N. Y.
See adv index at end of book
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
Strand N. A. & Co., 625 W Jackson blvd, Chicago, Ill.
Three Rivers Machine Tool & Die Corp., Phoenix, N. Y.
Webb Mfg. Co., 245-247 N. J. R. R. av, Newark, N. J.
See adv index at end of book

WE MAKE
FLEXIBLE SHAFTS
For indicating and recording instruments
ALSO BUFFING AND CLEANING OUTFITS FOR TIRE VULCANIZING
Catalogue on request
Webb Mfg. Co., 245-247 N.J.R.R. Ave., Newark, N.J.

Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book

13370— Shafts (Golf Stick)

Anchor Saw Mills Co., Memphis, Tenn.
Dayton Handle & Golf Co., Dayton, O.
Dickinson Chas. W., Ypsilanti, Mich.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Minton T. W. & Son, Barbourville, Ky.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13371— Shafts (Jack)

American Tool & Machine Co., 10 High, Boston, Mass.
Dice Machine Co., Anderson, Ind.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Muncie Gear Works, Muncie, Ind.
Russell Motor Axle Co., North Detroit, Mich.
Timken Detroit & Axle Co., Clark av, Detroit, Mich.

13371a— Shafts (Key Seated)

Standard Gauge Steel Co., Beaver Falls, Pa.

13372—Shafts (Key Seating)

American Tool & Machine Co., 10 High, Boston, Mass.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hill Clutch Co., W 65th, Cleveland, O.
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Lockhart Iron & Steel Co., McKees Rocks, Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Pardee C. Works (Planished), Perth Amboy, N. J.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., Youngstown, O.
For Branch Offices see Alphabetical Section
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y.
Standard Gauge Steel Co., Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.

13373—Shafts (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.

13374—Shafts & Poles (Carriage & Wagon)

Abeles & Taussig Tie Corp., Commercial bldg, St. Louis, Mo.
Brown S. N. & Co., Dayton, O.
Buckeye Handle, Gear & Bending Co., Alliance O.
Buckley J. Hub, Spoke & Wheel Co., 969 N 2nd, Philadelphia, Pa.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Cartier A. E. Sons Co., Ludington, Mich.
Coopersburg Bending Works, Coopersburg, Pa.
Crane & MacMahon, 10 Bridge, New York
Dann Bros. & Co., New Haven, Conn.
Donges John & Co., Hamilton, O.
Dugger & Goshorn (Poles), Memphis, Tenn.
Empire Bending Works (Shafts Only), Lancaster, Pa.
Gillett E. A. & Sons, Charlestown, Boston, Mass.
Gillette C. H., Indianapolis, Ind.
Hartzell Geo. W., Dayton, O.
Holt Bros. Mfg. Co., Concord, N. H.
Hoyt John Co., Delaware, N. J.
Ketler-Elliott Co. ("Ketoco" Axle Shafts), 31st & California, Chicago, Ill.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter P. & Son Co., Lancaster, Pa.
Leippe's Jacob A. Sons, Reading, Pa.
Leonard F. B. & Co., Metropolis, Ill.
Love Wagon Co., Durant, Miss.
Metropolis Bending Co., Metropolis, Ill.
Mills Ellsworth Co., Keokuk, Ia.
Minton T. W. & Son, Barbourville, Ky.
Pioneer Pole & Shaft Co., Piqua, O.
Racine General Mfg. Co. (Jobbers), Racine, Wis.
Reuter Hub & Spoke Co., Dexter, Mo.
Shepard H. G. & Sons, New Haven, Conn.
Spinger Bros. Mfg. Co., Edwardsville, Ill.
Thomasville Spoke Works Co., Thomasville, N. C.
Union Bending Works, Collins, O.
Warner Pole & Top Co., 1648-50 Central av, Cincinnati, O.
Waterloo Bending Co., Waterloo, Ind.

13375— Shakers

American Machine & Mfg. (Cotton Seed), Atlanta, Ga.
Fargo E. A. Corp. (Aluminum, Lemonade & Sugar), Taunton, Mass.
See adv index at end of book
Ray Geo. A. Mfg. Co. (Lemonade, Pepper, Sugar, etc), Buffalo, N. Y.
Sutterley G. T. Co., 1720 N 2nd, Phila., Pa.
Tyler W. S. Co. (Testing Sieve), Cleveland, O. *See adv index at end of book*

13376—Shakers (Locomotive Grate)

Franklin Railway Supply Co. ("Franklin" Power), 30 Church, New York

13377—Shakers (Pepper & Salt)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Fargo E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at end of book*
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.

13378— Shampoos

Edwardsville Brass Co., Edwardsville, Ill.

13379— Shanks (Button)

Atlas Button Works, 22 W 22d, New York

13380—Shanks (Ladle Carrying)

P. & O. Supply Co., Hanover & Florida, Milwaukee, Wis.

13381— Shanks (Shoe)

Churchill & Allen, Lynn, Mass.
National Tack Co., East Bridgewater, Mass.
Rochester Shank Co., Rochester, N. Y.
Stevens & Willis Co., South Braintree, Mass.
Stimpson Edwin B. Co. (Steel), 852 Kent av, Brooklyn, N. Y.

13382—Shapes (Pressed Metal)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
American Pulley Co., 114 S Clinton, Chicago, Ill.
American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Globe Machine & Stamping Co. (To Order) 1250 W 76th, Cleveland, O.
Hamilton Wm. Sons Car Co., Newark, Ohio
Heltzel Steel Form & Iron Co., Warren, O.
WATERBURY BUTTON CORP., 831 So Main, Waterbury, Conn.
See adv index at end of book

13383—Shares (Plow, Lister, Etc.)

Avery B. F. & Sons, Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Crescent Forge & Shovel Co., Havana, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Mason F. C. & Co., St. Johns, Mich.
Noll Bros., 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Star Mfg. Co. (Steel), Carpentersville, Ill.
WATERBURY BUTTON CORP., 831 S Main, Waterbury, Conn.
See adv index at end of book

Sharpeners (Cutter Saw)

See Sharpeners (Saw)

13384— Sharpeners (Disc)

Clizbe Bros. Mfg. Co. (Plymouth), Plymouth, Ind.
Durner A. E. ("Little Wonder," "Giant Wonder"), Evansville, Wis.
Gould Balance Valve Co. ("Dow" Cold Rolling), Kellogg, Ia.
Herschel R. Mfg. Co. ("Reliable"), Peoria, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Murray Iron Works Co. ("Monarch"), Central av & Washington, Burlington, Iowa
Reschke Machine Works Co., Wichita, Kas.
Rock Island Plow Co., Rock Island, Ill.
Schofield & Co. ("Daisy"), Freeport, Ill.
Skow Mfg. Co. ("Skow" Rotary), Newton, Iowa
Walker Mfg. Co. ("Novelty"), Council Bluffs, Ia.

13385— Sharpeners (Dowel)

Stanley Rule & Level Co. (Wood), New Britain, Conn.

Sharpeners (Drill)

See Drill Sharpening Machines

13385a— Sharpeners (Drill Bit)

Dodge Sales & Engineering Co., Mishawaka, Ind.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

13386—Sharpeners (Drill Steel)

See also Drill Sharpening Machines
INGERSOLL-RAND CO. ("Leyner"), 11 B'way, New York
See adv index at end of book

13386a— Sharpeners (File)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

13387— Sharpeners (Knife)

American Cutlery Co. ("Ideal"), 764 Mather, Chicago, Ill.
Berk Bros., 543 Broadway, New York
Carborundum Co. ("Carborundum"), Niagara Falls, N. Y.
Cassady Fairbank Mfg. Co. (Emery & Corundum), 6126 S La Salle, Chicago, Ill.
Chatillon John & Sons, 85H Cliff, New York
Holley Co., 21 Elm, Rochester, N. Y.
Washington blvd, Chicago, Ill.
Johnson E. P. Rule Mfg. Co. (Reel), 565 Washington blvd., Chicago, Ill.
Lake Mfg. Co. (Little Wonder"), 58 R. I. av, Washington, D. C.
White Ira F. & Son Co., Bloomfield, N. J.

13388—Sharpeners (Lawn Mower)

Coldwell Lawn Mower Co. ("Coldwell"), Newburgh, N. Y.
Fate-Root-Heath Co. ("Favorite," "Ideal," "Peerless" Grinder), Plymouth, O.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
National Machine & Stamping Co., Detroit, Mich.
Osborn Mfg. Co., 5401 E Hamilton av, Cleveland, O.
Pike Mfg. Co. ("Pyke's"), Pike, N. H.
Royal Mfg. Co., 406 Commerce, Phila., Pa.

Sharpeners (Mower Knife)

See Grinders, Sickle & Mower Knife

13389— Sharpeners (Pencil)

Automatic Pencil Sharpener Co., Rockford, Ill.
Boston Specialty Corp. ("Boston"), 261 B'way, New York
Cook F. H. & Co. ("Gem"), Leominster, Mass.
Crescent Mfg. Co., Fremont, O.
Eagle Pencil Co., 210 E 14th, New York
New Era Mfg. Co., 450 4th av, New York
Roneo Co. ("Roneo" Automatic), 117 Leonard, New York
Specialty Mfg. Co., Decatur, Ill.
Spiro C. Mfg. Co. ("Rapid"), 68 E 131st, New York
Webster F. S. Co. ("Webster"), 340 Congregational, Boston, Mass.
Whitacre J. E., Co. ("Little Yankee"), Rockford, Ill.

13390-1-2—Sharpeners (Plow Blade)

Strite Governor Pulley Co. ("Justrite"), 307 S. 3rd, Minneapolis, Minn.

Sharpeners (Rock Drill)

See Drill Sharpening Machines

13393— Sharpeners (Saw)

See also Saw Sharpening Machines; also Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Covel Mfg. Co. (Band Saw, etc), Benton Harbor, Mich.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Hanchett Swage Wks. ("Hanchett" Automatic), Big Rapids, Mich.
Nutter & Barnes Co. (Automatic), Hinsdale, N. H.
Riverside Machine Works ("Crescent"), Kokomo, Ind.
Rothfuss-Howard Iron Wks, Williamsport, Pa.
Wilkinson A. J. & Co. ("Elkins" Saw Filler), 184 Washington, Boston, Mass.

13394—Sharpeners (Shoe Knife)

United Shoe Machinery Co. ("U. S. M. C."), 205 Lincoln, Boston, Mass.

13395— Sharpeners (Skate)

Casement Hdwe Co. (Individual "Berghman"), 9 S Clinton, Chicago, Ill.
Luther Grinder Mfg. Co. (Bench Skate Grinder Attachment), 285 So Water, Milwaukee, Wis.
Osborn Mfg. Co. ("File 'em Quick"), 5401 Hamilton av, Cleveland, O.

13396— Sharpeners (Swage)

Disston Hy. & Sons (For Band & Gang Saws), Tacony, Phila., Pa.

13397— Sharpeners (Tool)

Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Walker O. S. Co. ("Globe," for Machine Tools), Worcester, Mass.

13398— Shavers (Ice)

See also Ice Cube Cutting Machinery

American Knife Co., Baldwinsville, N. Y.
Arcade Mfg. Co., Freeport, Ill.
Blakeslee G. S. & Co., W 19th & S 52d av, Chicago, Ill.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Burgess & Norton Mfg. Co. ("Bur-Nor" Pick & Shaver Combined), Geneva, Ill.
Clipper Fountain Supply Co., Troy, N. Y.
Columbus Handle & Tool Co., Columbus, Ind.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Gifford-Wood Co., Hudson, N. Y.
Gilchrist Co. ("Yankee" Steel), 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works, Troy, N. Y.
Griswold Mfg. Co., Erie, Pa.
Gruman Ice Tool Works, Branchville, Conn.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.
North Bros. Mfg. Co. ("Gem"), Lehigh av & American, Phila., Pa.
Reinhold Mfg. Co. ("Jumbo"), 139 Beaubien, Detroit, Mich.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

13399—Shavers (Smoked Beef)

Blakeslee G. S. & Co. ("Blakeslee"), W 19th & S 52d av, Chicago, Ill.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.

Shaves (Heel & Edge)

See Knives, Shoe

13400— Shaves (Spoke)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Buckeye Mfg. & Foundry Co. (1 & 2 Knife), 2046 W 55th, Cleveland, O.
Chapin-Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Millers Falls Co., 28 Warren, New York
Osborne C. S. & Co. (Harnesss Makers, etc), Box 183, Newark, N. J.
See adv index at end of book
Sargent & Co. (Iron & Wood), New Haven, Conn.
Smith, Seymour & Son (Iron), Oakville, Conn.
Stanley Rule & Level Co. ("Bailey"), New Britain, Conn.
White L. & I. J. Co. (Adjustable, etc), 120 Columbia, Buffalo, N. Y.
Wood A. A. & Sons Co., Atlanta, Ga.

13401— Shavings (Baled)

Becker & Moore (White Pine), No Tonawanola, N. Y.
Des Rivieres Geo. R., 5444 S Mich., Chicago, Ill.
Nashua Spool & Bobbin Co., Grove Hall Sta., Boston, Mass.
National Sawdust Co. (All Kinds), 102 N 1st, Brooklyn, N. Y.
Page Geo. G. Box Co., Cambridge, Mass.
Smith Oscar & Son ("Pioneer"), Albany, N. Y.
Wilson Lumber & Box Co., Tonawanda, N. Y.

13402—Shavings Collecting Systems

See also Dust Collectors, Mechanical

Allen Engineering & Mfg. Co. ("Hurri-Kleen"), Savannah, Ga.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Dixie Mfg. Co., Russel & B. & O. R. R., Baltimore, Md.
Goethel Alfred C. Co., 301-303 Fourth, Milwaukee, Wis.
Hartford Blower Co., Hartford, Conn.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
Shreveport Blow Pipe & Sheet Iron Works, (Ltd.), Shreveport, La.

13403— Shavings (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

13404— Shavings (Vinegar & Brewers')

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Kelso & Co. (Clarifying), 557 W Quincy, Chicago, Ill.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.

13405-6— Shavings (Zinc)

American Zinc Products Co., Greencastle, Ind.
Ball Brothers Glass Mfg. Company, Muncie, Ind.
Braun Corporation, 363 New High, Los Angeles, Cal.
Calkins Co., Los Angeles, Cal.
Denver Fire Clay Co., Denver, Colo.
Pacific Tank & Pipe Co. (For Geld, Silver Precipitation), 318 Market, San Francisco, Cal.
Stanley Rule & Level Plant ("Bailey"), New Britain, Conn.

Shears

Under this Heading see Sub-classifications; see also Machinery, Punches & Shearing; also Punches, Various Kinds

13407-8— Shears (Alligator)

Canton Foundry & Machine Co. ("Canton"), Canton, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Danville Iron & Steel Co. ("Little Giant" Portable), Danville, Pa.
Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.
Evans John Sons, 506 N 13th, Philadelphia, Pa.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Farrel Foundry & Machine Co., Ansonia, Conn.
Hendley & Whittmore Co. ("Beloit"), Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Morgan Engineering Co., Alliance, O.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

SHEARS
All Types and Sizes
(Write for Bulletin S)
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

Philadelphia Roll & Machine Co. (For Scrap & Old Boiler Shells), 25th & Washington av, Philadelphia, Pa.
Rock River Machine Co. ("Badger" Belt Driven), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Youngstown Foundry & Machine Co., Youngstown, O.

13409-10—Shears (Angle Iron)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co. ("Pygmy" Hand & Power), 490 B'way, Buffalo, N. Y.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St Clair av N E, Cleveland, O.
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Hilles & Jones Co., East Wilmington, Del.
See adv index at end of book
Long & Allstatter Co. (Steam, Belt or Motor Driven, Double or Single Geared & on Turntable), Hamilton, O.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bemont-Pond Co., 111 B'way, New York
Perkins Machine Co., Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Thomas Spacing Machine Co., Glenshaw, Pa.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Watson-Stillman Co. (Hydraulic), 38 Church, New York
See adv index at end of book
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams White & Co., Moline, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Young Machine & Tool Co., Worcester, Mass.

13411—Shears (Bar & Plate)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co. ("Pygmy" Hand & Power), 490 B'way, Buffalo, N. Y.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Long & Allstatter Co. (Bar Iron, Steam, Belt or Motor Driven), Hamilton, O.
McSherry Mfg. Co. (Power Bar), Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O
Merwin Mfg. Co., Erie, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, Ohio.
National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
New Doty Mfg. Co., Janesville, Wis.
Phillips & McLaren Co. (Bar Only), 24th & Smallman, Pittsburgh, Pa.
Rock River Machine Co. ("Badger" Bar & Round Iron), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams White & Co. (Open Fronted Guillotine Type), Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Young Machine & Tool Co., Worcester, Mass.
Youngstown Foundry & Machine Co., Youngstown, O.

13412—Shears (Beam & Channel)

See also Shears, Angle Iron

Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio

SHEARS (BEAM & CHANNEL)—cont.
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame; Open & Closed Throat Types), 90H West, New York
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

13413— Shears (Bench)

Badger State Machine Co., Janesville, Wis.
Bartlett Mfg. Co. ("Searchlight"), 428 E Lafayette av, Detroit, Mich.
Braun J. G., 609 S Paulina, Chicago, Ill.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Goodell-Pratt Co., Greenfield, Mass.
Hinman D. A. & Co. ("Hinman"), Sandwich, Ill.
Merwin Mfg. Co. ("Vulcan", Shear & Rod Cutter), Erie, Pa.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), 90H West, New York
Rock River Machine Co., Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
Viking Shear Co. ("Viking" Portable), Erie, Pa.

13414— Shears (Beveling)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Lennox Machine Co. (Rotary), 2558 W 16th, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Perkins Machine Co. (Plate Beveling), Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co. (For Rolling Mills), Farmers Bk. bldg, Pittsburgh, Pa.

13415—Shears (Billet & Bloom)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co., Hamilton, O.
Mackintosh-Hemphill Co. (Hydraulic, etc.), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
Morgan Construction Co., ("Edwards Flying Shear"), Worcester, Mass.
New York
Morgan Engineering Co (Duplex Hydraulic & Electric), Alliance, Ohio.
National Roll & Foundry Co., Avonmore, Pa.
New-Doty Mfg. Co. (Heavy Motor Driven), Janesville, Wis.
Rock River Machine Co. ("Badger") Janesville Wis
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co. Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Williams, White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

13416—Shears (Brushmakers')

Stortz John & Son, 210 Vine, Phila., Pa.

13417— Shears (Circle)

BLISS E. W. CO., 19 Adams, B'klyn, New York *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Ohl Geo. A. Co., 159 Oraton, Newark, N. J.
Newbold R. S. & Son Co., Norristown, Pa.

Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co. (Metal), Warren, Mass.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.

13418-9— Shears (Clipping)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
United Engineering & Foundry Co. (For Rolling Mills), Farmers Bk. bldg, Pittsburgh, Pa.

Shears (Crocodile)

See Shears, Alligator

13420-1—Shears (Double Plate & Sheet Mill)

Aetna Foundry & Machine Co., Warren, O.
See adv index at end of book
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Lewis Foundry & Machine Co., Pittsburgh, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
Scuthwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

13422— *Shears for Heavy Boiler Plates, Etc.

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

13423— Shears for Sheet Metal Work

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.

13424— Shears (Gap)

Bethlehem Steel Co., South Bethlehem, Pa
BLISS E. W. CO., 19 Adams, Brooklyn, New York *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, Ohio
NIAGARA MACHINE & TOOL WORKS (Power), Buffalo, N. Y.
See adv index at end of book
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
United Roll & Foundry Co., Ravenna, O.

13425—Shears (Gate or Guillotine)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Covington Machine Co. (Gate), Covington, Va.
Danville Iron & Steel Co., Danville, Pa.
Danville Foundry & Machine Co., Danville, Pa.
Farrel Foundry & Machine Co. (Gate & Alligator), Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Gate Only), Ironton, O.
Long & Allstatter Co. (Gate Shears, Motor, Belt or Steam Driven & Double or Single Geared), Hamilton, O.
Rock River Machine Co. ("Badger" Bar & Billet), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.

Thomas Spacing Machine Co., Glenshaw, Pa.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
Williams, White & Co. (Gate), Moline, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

13426—Shears (Gauge Table)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Hickok W. O. Mfg. Co., Harrisburg, Pa.

13427— Shears (Grape)

Clauss Shear Co., Fremont, O.
Clyde Cutlery Co., Clyde, O.
Cronk & Carrier Mfg. Co., 159 Lake, Elmira, N. Y.
See adv index at end of book

13428-9— Shears (Glass)

Bartlett Mfg. Co., 40 Lafayette E, Detroit, Mich.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Champion Blower & Forge Co. ("Champion," for Blacksmiths, etc), Lancaster, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Disston Hy. & Sons, Tacony, Phila., Pa.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Hinman D. A. & Co. (For Sheet Metal), Sandwich, Ill.
Kane & Roach, Syracuse, N. Y.
Lewthaite T. H. Machine Co., 413 E 31st, New York
Little Giant Punch & Shear Co. ("Little Giant" Bench), Sparta, Ill.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS (For Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), 90H West, New York
Perkins Machine Co. (Metal), Warren, Mass.
Quinn Wire & Iron Works ("Simplex" for Blacksmiths), Boone, Ia.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Simonsen Iron Works, Sioux Rapids, Ia.
Smith & Egge Mfg. Co. ("Eureka"), for Cutting Wire, Rods & Strip Metal), Bridgeport, Conn.
Stoll D. H. Co., Buffalo, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan" for Sheet, Bar and Rod), 516 Asylum, Hartford, Conn.
Whitney Metal Tool Co. ("Viking"), Rockford, Ill.
Young Machine & Tool Co., Worcester, Mass

Shears (Hoof)

See Parers, Hoof

13430—Shears (Horse Clipping)

Boker Cutlery & Hardware Co., 101 Duane, New York
Clauss Shear Co. ("Clauss"), Fremont, O.
Columbian Cutlery Co. ("Columbia"), Reading, Pa.
National Cutlery Co. ("National" Roaching), Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

13431— Shears (Hydraulic)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., N Birdsboro, Pa.
Mackintosh-Hemphill Co. (Plate, Bloom, Etc.), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, Ohio
Niles-Bement-Pond Co., 111 B'way, New York
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co. (For Tin, Bar, Blooms, Slab, Etc.) Farmers Bk. bldg, Pittsburgh, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Multiple Power Plate Shear), 400 Chestnut, Philadelphia, Pa.
Wood Wm. H., Media, Pa.

13432— Shears (Index)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

Shears (Lawn)

See Shears, Sheep, Grass & Hedge

13433-4— Shears (Lever)

Badger State Machine Co., Janesville, Wis.
Bartlett Mfg. Co. ("Searchlight," Compound Lever Mechanics'), 40 Lafayette, Detroit, Mich.
Bertsch & Co., Cambridge City, Ind.
Birmingham Iron Foundry, Derby, Conn.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Edwards C. D., Albert Lea, Minn.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Farrel Fdry. & Mach. Co., Ansonia, Conn.
Garrison A. Foundry Co. ("Alligator," Heavy), 901 Bingham, Pittsburgh, Pa.
Heartley Machine Variety Iron & Tool Works (Hand Lever), 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lewthwaite T. H. Machine Co., 413 E 31st, New York
McSherry Mfg. Co., Pittsburgh, Pa.
Merwin Mfg. Co. ("Vulcan"), Erie, Pa.
Mesta Machine Co. (For Cutting Scrap, Rails, etc), Box 1124, Pittsburgh, Pa. *See adv index at end of book*
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), 90H West, New York
Pittsburgh Iron Works Co., 2170 Bedford av, Pittsburgh, Pa.
Robinson J. M. Mfg. Co. (Slitting), 3282 Spring Grove av, Cincinnati, O.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan" for Sheet, Bar & Rod), 516 Asylum, Hartford, Conn.
United Engineering & Foundry Co. (For Rolling Mills), Keenan bldg, Pittsburgh, Pa.
Williams, White & Co., Moline, Ill.
Young Machine & Tool Co., Worcester, Mass.
Youngstown Foundry & Machine Co. ("Pitman," Type), Youngstown, O.

13435— Shears (Paper)

Bradley Milton Co., Springfield, Mass.
Claus Shear Co., Fremont, O.
Golding Mfg. Co. (Paper, Cardboard, etc), Franklin, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

13436—Shears (Paper Box Makers')

Beck Chas. Machine Co., 607 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Jacques Jno. & Son, Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

13437—Shears (Paper Hangers')

Clauss Shear Co. ("Clauss"), Fremont, O.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
Ridgely Trimmer Co., Springfield, Ohio
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J

Shears (Plate Splitting)

See Shears, Splitting

Shears (Poultry)

See Scissors, Poultry

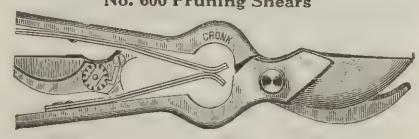
13438— Shears (Power)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Gowanda Agricultural Works (For Cutting Sheet Steel, 20-24 inch), Gowanda, N. Y.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Mackintosh-Hemphill Co. (For Rolling Mills, Etc.), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Morgan Engineering Co., Alliance, O.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Robinson J. C. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Standard Machinery Co., Provience, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
TREADWELL ENGINEERING CO., Easton, Pa. *See adv index at end of book*
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Williams, White & Co., Moline, Ill.
Young Machine & Tool Co., Worcester, Mass.

13439— Shears (Pruning)

Barr Bros. Co. ("Kut-em-slik"), Oakland, Cal.
Bartlett Mfg. Co. ("Searchlight"), 428 E Lafayette av, Detroit, Mich.
Boker Cutlery & Hardware Co. ("Trenton"), 101 Duane, New York
Cartwright J. M., Malaga, Cal.
Carver Tool Works ("Carver's"), Spring Valley, N. Y.
Clauss Shear Co. ("Clauss Buckeye"), Fremont, O.
Clyde Cutlery Co. (Hedge, etc, Waters' Pat'n, Draw Cut "Red Clipper," "Buckeye"), Clyde, O.
Craig G. C., Rumney Depot, N. H.
Cronk & Carrier Mfg. Co. ("Fresno"), 150 Lake, Elmira, N. Y. *See adv index at end of book*

No. 600 Pruning Shears



The Cronk & Carrier Mfg. Co.
150 Lake Street Elmira, N. Y.

Graef & Schmidt ("Turn Brand" Imp), 107 Chambers, N. Y.
Gray Iron Casting Co., Springfield, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Henry John T. Mfg. Co. (California Pat'n), Hamden, Conn.
Little Giant Mfg. Co., Saugatuck, Mich.
Nagley Mfg. Co. ("Diamond Edge"), Lyons, N. Y.
PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn. *See adv index at end of book*
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rhodes Mfg. Co. ("Rhodes" Double Cut), Grand Rapids, Mich.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Seymour Mfg. Co. (Waters' Pat'n), Seymour, Ind.
Smith, Seymour & Son ("Royal," "Imperial," "Concord," "Granger," "Taylor," "Levin," "California," "Rockdale," "Smith's Ideal," "Oakland," "Redlands," "Standard," "Telephone"), Oakville, Conn.
Wiss J. & Sons Co. (Solid Steel), 31 Littleton av, Newark, N. J.

13440— Shears (Rotary)

Bethlehem Fdry. & Mach. Co., S Bethlehem, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Ham L. M. & Co., 158 Portland, Boston, Mass.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Lennox Machine Co. (Beveling & Splitting), 2558 W 16th, Chicago, Ill.
McSherry Mfg. Co., Pittsburgh, Pa.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Michigan Press Co., Ypsilanti, Mich.
Morgan Construction Co., Worcester, Mass.
Newbold R. S. & Son Co., Norristown, Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Slitting), 159 Oraton, Newark, N. J.
Perkins Machine Co., Warren, Mass.
Quickwork Co. ("Quickwork"), St. Mary's, Ohio
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Joseph T. & Son ("Lennox"), 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Southwark Foundry & Machine Co., 1128 S S 4th, Phila., Pa.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Tinker F. & Sons Co. (Cutters), 5687 Butler, Pittsburgh, Pa.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Wagner C. DeWitt, Cedar Rapids, Ia.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

13441—Shears (Rotary Circle)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Perkins Machine Co., Warren, Mass.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Tinker F. & Sons Co. (Cutters), 5687 Butler, Pittsburgh, Pa.

13442—Shears (Rotary, Pipe Cutting)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Newbold R. S. & Son Co., Norristown, Pa. *See adv index at end of book*
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Tinker F. & Sons Co. (Cutters), 5687 Butler, Pittsburgh, Pa.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.

13443—Shears (Rotary Slitting)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
Loy & Nawrath Co. (Foot & Belt Power), 25 Runyon, Newark, N. J.
NIAGARA MACHINE & TOOL W'KS, Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Tinker F. & Sons Co. (Cutters), 5687 Butler, Pittsburgh, Pa.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Wagner C. DeWitt, Cedar Rapids, Ia.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Whelan D. J. (Est. of) ("Capitol"), Troy, N. Y.

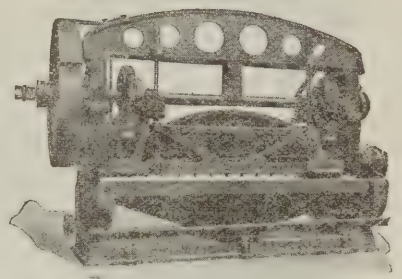
13444— Shears (Scrap)

Canton Foundry & Machine Co. ("Canton"), Canton, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Danville Iron & Steel Co. ("Little Giant" Portable Aligator), Danville, Pa.
Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Mackintosh-Hemphill Co. (Motor Driven Plate), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Mesta Mach. Co. (Lever, etc.), Box 1124, Pittsburgh, Pa. *See adv index at end of book*
NIAGARA MACHINE & TOOL W'KS, (For Light Scrap), Buffalo, N. Y. *See adv index at end or book*
Rock River Machine Co. ("Badger" Lever Rolling Mill, etc), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
United Engineering & Foundry Co., Farmer Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, Ohio

13445— *Shears (Scroll)

NIAGARA MACHINE & TOOL W'KS, Buffalo, N. Y. *See adv index at end of book*

S H E A R S



Squaring Shears
Resquaring Shears
Metal Slitting Shears
Doubling Shears
Up-Cut Gate Shears for Strip Steel

We manufacture shears of every type and size
Inquiries solicited. Write today

THE AETNA FOUNDRY & MACHINE COMPANY
WARREN, OHIO

13446—Shears (Sheep, Grass & Hedge)

Bartlett Mfg. Co. ("Searchlight"), 428 E Lafayette av, Detroit, Mich.
Boker Cutlery & Hardware Co. ("Trenton"), 101 Duane, New York
Columbian Cutlery Co. ("Columbia"), Reading, Pa.
Cronk & Carrier Mfg. Co. (Grass & Hedge Only), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dunn Edge Tool Co. ("Lightning" Grass & Hedge), Oakland, Me.
Gay Geo. E. ("Uncle Sam"), Augusta, Me.
Gowanda Agricultural Works (Dog or Sheep), Gowanda, N. Y.
Heimerdinger W. C. (Grass, Sheep or Horse), Louisville, Ky.
Keiser Mfg. Co., Reading, Pa.
Klaas Max ("Crane Brand" Sheep Imp.), 108 Fulton, New York
McCoy Jos. F. Co. (Agts. "Holdfast" Hedge), 157 Chambers, New York
Wiebusch & Hilger ("Winkinson Sheffield, England Imp."), 106 Lafayette, New York

13447—Shears (Shoe Trimming)

Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.

13448— Shears (Slitting)

Aetna Foundry & Machine Co. (Metal Slitting), Warren, O.
See adv index at end of book
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Buffalo Forge Co. ("Pygmy" Hand & Power), 490 B'way, Buffalo, N. Y.
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hendley & Whittemore Co. ("Beloit" Single & Double Back Geared, Lever, etc), Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Mersick C. S. & Co. (Compound Lever & Pinion), New Haven, Conn.
Michigan Press Co. (Gang Slitters), Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WORKS (Hand Slitting), Buffalo, N. Y.
See adv index at end of book
Ohl Geo. A. & Co., 159 Oraton (Also Rotary Slitting), Newark, N. J.
Pawtucket Mfg. Co. (30 & 52 inch), Pawtucket, R. I.
Perkins Machine Co., Warren, Mass.
St. Louis Machine Tool Co., 922 Loughborough, St. Louis, Mo.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1123 S 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Wheeler W. A. ("Handy" Hand Power), Indianapolis, Ind.
Whelan D. J. (Est. of) ("Capital" Rotary), Troy, N. Y.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

13449— Shears (Splitting)

Alliance Machine Co., Alliance, O.
AETNA FOUNDRY & MACHINE CO., Warren, O. *See adv index at end of book*
Badger State Machine Co., Janesville, Wis.
Bertsch & Co. ("Universal"), Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hendley & Whitmore Co. (Hand Power), Beloit, Wis.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1300 N Kostner av, Chicago, Ill.
Little Giant Punch & Shear Co., Sparta, Ill.
Long & Allstatter Co. (Steam, Belt or Motor Driven), Hamilton, O.
New Doty Mfg. Co. (Hand & Power), Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frames), 90H West, New York
Rock River Machine Co. ("Badger," Steel Splitting, Hand or Belt Power), Janesville, Wis.
Ryerson Joseph T. & Son ("Lennox" Rotary), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Schatz Mfg. Co., Poughkeepsie, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.
Wagner C. De Witt, Cedar Rapids, Ia.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Williams White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

13450— Shears (Squaring)

AETNA FOUNDRY & MACHINE CO., (Doubling & Shearing), Warren, O.
See adv index at end of book
AMS MAX MACHINE CO. (Can Makers, etc), 101 Park av, New York
Bertsch & Co. (Combined Multiple Punch & Shear), Cambridge, Ind.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Canton Foundry & Machine Co. ("Universal"), Canton, Ohio
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Ewert & Kutscheid Mfg. Co. (Peerless") 921 W 49th pl, Chicago, Ill.
Excelsior Tool & Machine Co. ("Excelsior" Double Geared), 32d & Ridge, E St. Louis, Ill.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Loy & Nawrath Co. (Foot & Belt Power), 25 Runyon, Newark, N. J.
McSherry Mfg. Co. (Power), Pittsburgh, Pa.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Michigan Press Co. ("Michigan"), Ypsilanti, Mich.
Morgan Engineering Co., Alliance, O.
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS (Power & Foot Power), Buffalo, N. Y.
See adv index at end of book
Ohl Geo. A. & Co. (Heavy & Light), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co. (For Sheet Metal), Southington, Conn.
Perkins Machine Co. (Metal Squaring & Circle), Warren, Mass.
Robinson J. M. Mfg. Co., 3282 Spring Grove av, Cincinnati, O.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engineering & Foundry Co. (For Tin Plate & Rolling Mills), Farmers Bank bldg, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Young Machine & Tool Co., Worcester, Mass.

13451—*Shears (Steam Hydraulic)

Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book

Shears (Tinners')

See Snips, Tinners'

13452— Shears (Tobacco)

Black John B. Co. ("Brady's"), Chester, Pa.
Nagley Mfg. Co. (Cutting Tobacco in the Field), Lyons, N. Y.

13453— Shears (Vertical)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rock River Machine Co., Janesville, Wis.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
United Engineering & Foundry Co. (For Rolling Mills), Farmers Bank bldg, Pittsburgh, Pa.

13454—Shears (Wire, Rod, Etc.)

Smith & Egge Mfg. Co. ("Eureka"), Bridgeport, Conn., & 62 Reade, New York
United Roll & Foundry Co., Ravenna, Ohio

Shears & Punches (Combined)

See Punching & Shearing Machines, Combined; also Punch & Shear Combined, Hand Power

13455— Shears & Scissors

Acme Shear Co. ("Acme" Bankers, Barbers, Ladies, Pocket, Cigar Cutter, Buttonhole, Tailors, Trimmers, Manicure & Nail, Folding Grape Shears, Fruit Pickers; also "Americut" Forged Steel Scissors & Shears, etc), Bridgeport, Conn.
Ansonia Novelty Co. (Cast) Ansonia, Conn.
Atlas Shear Co. ("Alvord"), Bridgeport, Conn.
Bens Wm. Co. (Silver Mounted), 7 Beverly, Providence, R. I.
Berridge Shear Co. (High Grade Steel Laid), Sturgis, Mich.

Boker Cutlery & Hardware Co., Inc. ("Tree Brand" Imported), 101 Duane, New York
Case W. R. & Sons Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Clark Bros. Cutlery Co. ("Babcock" Patent Shears), Kansas City, Mo.
Clauss Shear Co., Fremont, O.
Clayton Mfg. Co. (Cast & Steel), Bristol, Conn.
Cleveland Steel Scissors Co., 2359 E 67th, Cleveland, O.
Codding & Heilborn Co. (Silver Mounted), North Attleboro, Mass.
Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.
Conway John J. Co., Bridgeport, Conn.
Emrich Phil ("Emrich," Tailors' Shears, etc), 824 Main, Cincinnati, O.
Foster Theo. W. & Bro. Co. (Silver), 100 Richmond, Providence, R. I.
Geneva Cutlery Co. (Solid Steel Shears), Geneva, N. Y.
Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York
Hollinger Cutlery Co. ("International Cutlery"), Fremont, O.
Jackson Shear Co. (Shears Only), Fremont, O.
Kastor Adolph & Bros. ("W. H. Morley & Sons," Imported), 109 Duane, New York
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch, F. A. & Co., 524 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lenox Shear Co., Brookfield, Conn.
Meriden Cutlery Co. (Game Only), Meriden, Conn.
National Cutlery Co. (Buttonhole), Westmoreland & Boudinot, Phila., Pa.
Novelty Cutlery Co. (Folding Scissors), Canton, O.
Perfection Shear Co., Bridgeport, Conn.
Robeson Cutlery Co., Rochester, N. Y.
Spaulding D. S. (Silver Mounted), Mansfield, Mass.
Sperry & Alexander Co. ("Centaur"), 79 Chambers, New York
Ulery U. J. Co. ("Clauss"), 258 Broadway, New York
Wallace R. & Sons' Mfg. Co. (Buttonhole, Embroidery, Folding, Ladies', Manicure, Pocket), Wallingford, Conn.
Wiebush & Hilger (Bent, Buttonhole, Embroidery, Pocket, etc, Imp. "Seymour," "Madison," "Hamilton"), 106 Lafayette, New York
Willsden S. Blake, Heyworth bldg, Chicago, Ill.
Winchester Repeating Arms Co. ("Winchester" Bankers, Barbers, Ladies, Embroidery, Buttonhole, Nail, Pocket, etc), New Haven, Conn.
Wiss J. Sons Co., 31 Littleton av, Newark, N. J.
Witte Alexis Cutlery Co., 36 Erasmus, Brooklyn, N. Y.

13456—Sheathing (Yellow Metal)

Church Appliance Mfg. Co. (Zinc), La Salle, Ill.
Taunton-New Bedford Copper Co., Taunton, Mass.

13457—Sheave or Pulley Filling (Rubber)

Goodrich B. F. Co., Akron, O.
New York Belting & Packing Co., 91 Chambers, New York
U. S. Rubber Co., 1790 Broadway, New York

13458—Sheave Wheels & Frames

Holmes, Robert & Bros. (All Cast Iron Sheave Wheels, Bicycle Type Sheave Wheels, Plain Turned Groove Bicycle Type Sheave Wheels, Steel Lined Groove), Danville, Ill.
See adv index at end of book
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Milholland J. & J. B. Co. (Rubber Lined), 714 5th av, Pittsburgh, Pa.
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.

13459— Sheaves (Chain)

Poole Engineering & Machine Co. (For Marine Railways), Woodberry sta. Baltimore, Md.

13460— Sheaves (Door)

Corbin Cabinet Lock Co. (Cast Brass Sliding Door Sheave & Rail), New Britain, Conn.
Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

13461—Sheaves (Guide, for Conveyor Belts)

Wolf Co., Chambersburg, Pa.

Sheaves (Pulley)

See Pulleys, Grooved

13462—Sheaves (Show Case)

Harris & Reed, 1500 W 15th, Chicago, Ill.
Johnston & Sharp Mfg. Co. (Ball Bearing), Ottumwa, Ia.
Weber-Knapp Co., Jamestown, N. Y.

13463— Sheaves (Shutter)

Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

13464—Sheaves (Tackle Block)

See also Blocks, Tackle

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Boston & Lockport Block Co. ("Star"), 100 Condor, E Boston, Mass.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co. (Grey Iron), 227 W Erie, Chicago, Ill.
Cincinnati Machy. Exchange, 324 E 2nd, Cincinnati, O.
Cleveland Block Co., 1173 W 11th, Cleveland, O.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Dubuar C. L. Lumber Co., Northville, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Gillie Machine Co., Tonawanda, N. Y.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
Union Hardware Co., Torrington, Conn.
Western Block Co., Lockport, N. Y.
Wilcox, Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*

13465—Sheaves (Wire & Manila Rope)

See also Machinery, Power Transmitting

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Barnard & Leas Mfg. Co., Moline, Ill.
Bates Machine Co., Joliet, Ill.
Bellwood Mfg. Co. (Rope), Bellwood, Pa.
Boston Self-Locking Block Co., Waltham, Mass.
Boston & Lockport Block Co. ("Star" Rope), 100 Condor, E Boston, Mass.
Brown A. & F. Co., 79 Barclay, New York.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cherry Tree Machine Co. (Rope), Cherry Tree, Pa.
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Crawford & McCrimmon Co. (Wrought Cast Iron, Iron Spoke, Rope Sheaves Only), Brazil, Ind.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
DODGE SALES & ENGINEERING CO. (Rope Drives), Mishawaka, Ind.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Garland M. Co., Bay City, Mich.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Helmick Foundry & Machine Co. (Chilled Curve Wire Rope Only), Fairmont, W. Va.
Hill Clutch Co., W 65th, Cleveland, O.
Horton John F. (Wire Rope), 157th & 8th av, New York
Insley Mfg. Co. (12 & 14 inch Wire Only), 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Lake Shore Engine Works (Bicycle Type, for Head Sheaves, Idlers, etc, up to 12 ft), Marquette, Mich.
Laughlin, Thos., Co., Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Marion Mach. Fdry & Supply Co., Marion, Ind.
Marseilles Works of Deere & Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Merriman Bros. (Roller & Self-Lubricating, 185 Amory, Boston, Mass.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nice Ball Bearing Co., 2925 Hunting Park av, Nicetown, Phila., Pa.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Ottumwa Iron Works (For Mines, etc), Ottumwa, Ia.
Penn Seaboard Steel Corp. (Wire), Franklin Bank bldg, Phila., Pa.
Pyott Co., 1401 W North av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO. (Wire Rope), Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Stine J. C. Co. (Gravity Plane), Tyrone, Pa.
Stine S. B. Osceola Mills, Pa.
Terry & Tench Co, 70 E 45th, New York
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
Western Block Co., Lockport, N. Y.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Manila Rope), Chambersburg, Pa.

13466—Sheaves with Graphite Bronze or Metaline Bronze

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Clyde Iron Works Sales Co., Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*

Sheaves (Wood Split)

See Pulleys, Wood Split

13467—Sheet Iron (Cold Rolled)

Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

13467a— Sheet Iron Work

Baker E. & Co., 608-19 S La Salle, Chicago, Ill. *See adv index at end of book*
Baldwin Brass Works, 407 S Clinton, Chicago, Ill.
Graves & Marshall Co., Dayton, O.
Joubert & Goslin Machine & Foundry Co., Birmingham, Ala.
Muncie Boiler & Sheet Iron Works (Special), Muncie, Ind.

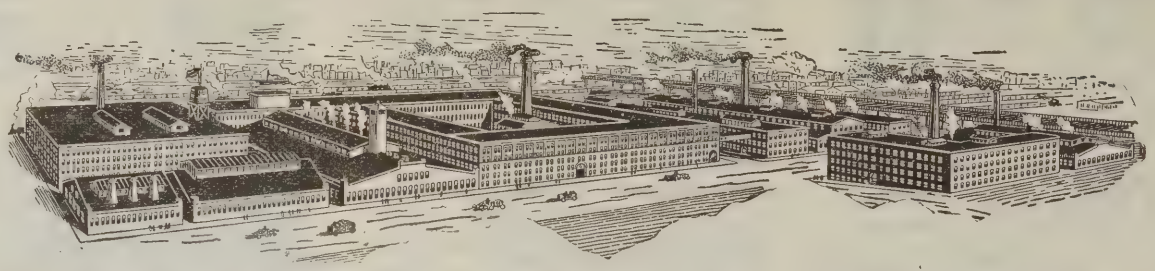
13468—Sheet Metal Borders & Friezes

DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Hergert Theo. E., 422 E 53rd, New York
Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.
Manrow Sheet Metal Works, Goshen, Ind.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Thoresen Wm., 1916 W North av, Chicago, Ill.

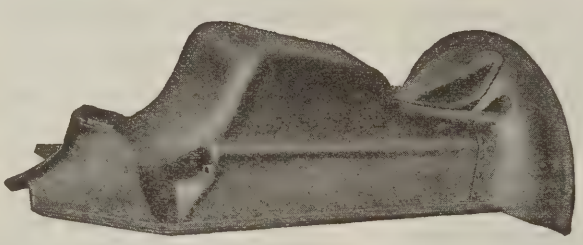
13469—Sheet Metal Goods Mfrs.

See also Stamping, Sheet Metal

Bossert Corporation, The, cor Linden & West av, Utica, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Chandler Radiator Co. (Parts), Shoemaker rd & Lillibridge, Detroit, Mich.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Dept. H, Duluth, Minn.
EDWARDS MFG. CO. (To Order), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Gehnrich Indirect Heat Oven Co., Skillman av & Honeywell, Long Island City, N. Y.
Gerken J. D. Co., Toledo, Ohio
Gordon-Lawless Co., Omaha, Neb.
Jenkinson R. C. & Co., 293 Washington, (By Automatic Machines), Newark, N. J.
Kirk & Blum Mfg. Co. (Parts, etc), 2850 Spring Grove av, Cincinnati, O.
Litterer Bros. Mfg. Co., 154 Whitney, Chicago, Ill.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.



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Have you any aluminum, grey iron or malleable casting or wooden parts which we can probably develop into stampings or pressed metal parts?

The saving is great in many cases and the strength and utility of the part is much increased. The stampings can be made accurately, and since you can eliminate a good deal of expense of machining and fitting that is necessary with the use of castings, the advantage of using G. P. & F. precise, stamped parts is apparent.

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SHEET METAL GOODS MFRS.—cont.

Ludlow-Mfg. Co. (for Railroads), Ludlow, Ky.
Manrow Sheet Metal Works, Goshen, Ind.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Metal Products Co., Dayton, Ohio
Ohio Metal & Mfg. Co., Dayton, Ohio
Pullman Ventilator & Mfg. Co., York, Pa.
Robertson Bros. Mfg. Co., 5401 S Western av, Chicago, Ill.
See adv index at end of book
Special Machinery Co., Bridgeport, Conn.
Turner Hardware & Implement Co. (Light), Modesto, Cal.
Vulcan Sheet Metal & Mfg. Co., 45 Fulton, New York
WATERBURY BUTTON CORP., 831 S Main, Waterbury, Conn.
See adv index at end of book

13470—Sheet Metal Statuary

Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Hergert Theo. E., 422 E 53d, New York
Miller & Doing, 60 York, Brooklyn, N. Y.
Mobile Steel Co., Mobile, Ala.
Mullins Body Corp., 341 Franklin, Salem, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Wolverine Metal Products Co. ("Bear Brand"), 8th & Santa Fe av, Los Angeles, Cal.

13471— Sheet Metal Work

Active Spinning & Sheet Metal Works, 56 W Kinzie, Chicago, Ill.
See adv index at end of book
Ahl Frank Z. Sheet Metal Works, Sacramento, Cal.
Allen Engineering & Mfg. Co., Savannah, Ga.
Anderson Visible Pump & Tank Co., Savannah, Ga.
Atlas Heating & Ventilating Co., 72 Freelon, San Fransisco, Cal.
BAKER E. & CO., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Barker Rose & Clinton Co., Dept. H, Elmira, N. Y.
Berger L. D. Co., 59 N 2nd, Phila., Pa.
Bethlehem Shipbuilding Corp., Ltd., Dept. H, Broadhead & Parker av, Bethlehem Pa.
Blair Thos. P. Sheet Metal Co., San Diego, Cal.
Bossert Corporation, The, cor. Linden & West av, Utica, N. Y.
Call John A., 122H N Franklin, Phila., Pa.
Chattanooga Roofing & Foundry Co. (Special According to Architect's Drawing), Dept. H, Chattanooga, Tenn.
Chicago Metal Mfg. Co., 313 S. Clinton, Chicago, Ill.
See adv index at end of book
Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Decker John & Son, 2704 Girard av, Phila., Pa.
De Lano Bros., 70 Spear, San Francisco, Cal.
Farwell Cornice Co. (For Buildings), 3955 Southport, Chicago, Ill.
Fischer Wm. G. Stove & Range Co., 326 McFarland, Cincinnati, O.
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
Gehnrich Indirect Heat Oven Co., Skillman av & Honeywell, Long Island City, N. Y.
General Metal Products Co., 2400H S Jefferson, St. Louis, Mo.

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608-10 S. La Salle St. Chicago, Ill.

General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
Gibbes Machy. Co., Columbia, S. C.
Haas, J. J. Mfg. Co., St. Paul, Minn.
Holan Metal Products Co. The (Industrial), W 40th & Clark av, Cleveland, O. *See adv index at end of book*
Holzer R. G. (Est. of) (Architectural & Ornamental), New Orleans, La.
Indianapolis Corrugating Co., 120 S Dover, Indianapolis, Ind.
Kirsch K., 1619 N Claremont av, Chicago, Ill.
La Haye Mfg. Co. (Artistic), 298 11th, San Francisco, Cal.
McFarland J. C. Co., 522 W 36th, Chicago, Ill.
Manrow Sheet Metal Works, Goshen, Ind.
Martin Iron Wks., 1222 E 28th, Los Angeles, Cal.
Mahon R. C. Co., St. Aubin & E Grd blvd, Detroit, Mich.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J. *See adv index at end of book*
National Tank & Mfg. Co., 11th & Santa Fe av, Los Angeles, Cal.
Pelician Sheet Metal Wks., Lake Charles, La.
Piper J. A. Roofing Co., Greenville, S. C.
Prospect Boiler Co., New Brunswick, N. J.
Pullman Ventilator & Mfg. Co., York, Pa.
St. Louis Tin & Sheet Metal Working Co., 217 S 6th, St. Louis, Mo.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith of New York Co., 1 Franklin sq., New York
Taylor F. W. & Son, 259H S 4th, Phila., Pa.

13472—*Sheet Metal & Strip Stock Straighteners & Cutters (Automatic)

Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

13473—Sheet Metals (Plated)

American Nickeloid Co. (Nickelzinc, Nickeltin, Brasszinc, etc), Peru, Ill.
National Sheet Metal Co. (Nickel, Brass, Copper & Bronze, Tin & Zinc), Peru, Ill.

13474— Sheet (Platinum)

See also Platinum

WILSON H. A. CO., 99 Chestnut, Newark, N. J.

13475—*Sheeting ("Pyralin")

DU PONT E. I. DE NEMOURS & CO. INC., Pyralin Div., Wilmington, Del. *See adv index at end of book*

Sheet Steel

See Iron & Steel Sheet, also Steel Sheet Various Kinds

13476— Sheeting (Rubber)

Archer Rubber Co. ("Royal Archer"), Milford, Mass.
Athol Mfg. Co., Athol, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hale Alfred Rubber Co., Atlantic, Mass.
Hodgman Rubber Co., 8 W 40th, New York
International Rubber Co., 120 Broadway, New York
Kleinert I. B. Rubber Co. (Waterproof), 725 B'way, New York
Mystic Rubber Corp., West Medford, Mass.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. (Hospital, Nursery, etc), 286 Sheffield av, Brooklyn, N. Y.
Plymouth Rubber Co., Canton, Mass.
Rosenwald & Weil ("Imperial"), 1514 W Kinzie, Chicago, Ill.
Solvas Co., 4216 Calumet av, Chicago, Ill.
Stern Specialty Co. ("Utility"), 40 E 22d, New York
Tyer Rubber Co. (Hospital, Nursery, etc), Andover, Mass.

13476a—*Sheeting (Transparent)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div., Wilmington, Del. *See adv index at end of book*

13477-8—Sheetings (Cotton)

Abbeville Cotton Mill (36 & 40 inch, Brown), Abbeville, S. C.
Acushnet Mills Corp. (Bleached & Brown), New Bedford, Mass.
Aiken Mills (Wide & Narrow), Bath, S. C.
Alabama Cotton Mills (3.50 yds., 36 inch), Speigner, Ala.
Alice Coton Mills (Convertible 40-Inch), Easly, S. C.
American Cotton Mills Co. (Unbleached), 353 B'way, New York
American Spinning Co., Greenville, S. C.
Anderson Cotton Mills (Narrow Brown), Anderson, S. C.
Androscoggin Mills, Lewiston, Me.
Anniston Mfg. Co. (32, 36 & 40 inch, Brown), Anniston, Ala.
Aragon Mills (5-4 to 12-4), Aragon, Ga.
Arcadia Mills (40 inch, Convertible), Spartanburg, S. C.
Arista Mills Co. (Narrow), Winston-Salem, N. C.
Arkwright Mills (Wide & Narrow), Fall River, Mass.
Ashcraft Cotton Mills (Wide & Narrow Brown), Florence, Ala.
Ashland Co. (Wide Light), Ashland, R. I.
Atlas Mfg. Co., Bessemer City, N. C.
Augusta Factory (27 to 40 inch), Augusta, Ga.
Aurora Cotton Mills Co. (Fine Brown Sheetings in All Widths), Aurora, Ill.
Avon Mills (Narrow), Gastonia, N. C.
Avondale Mills, Birmingham, Ala.
Beaumont Mfg. Co. (Convertible), Spartanburg, S. C.
Belton Mills (Brown), Belton, S. C.
Blackstone Mfg. Co., 50 S Main, Providence, R. I.
Bonham Cotton Mills (Wide & Narrow Light), Bonham, Tex.
Boott Mills, Lowell, Mass.
Brandon Mills (36 & 40 inch), Greenville, S. C.
Brazos Valley Cotton Mills (Wide & Narrow), West, Tex.
Buck Creek Cotton Mills, Siluria, Ala.
Cabarrus Cotton Mills, Concord, N. C.
Cabot Mfg. Co. (Narrow), 70 Kilby, Boston, Mass.
Calhoun Mills (68 x 72 Pick, 39 inch, 4.75 yds to lb & 72 x 76 Pick, 39 inch, 4.25 yds to lb), Calhoun Falls, S. C.
Cannon Mfg. Co., Concord, N. C.
Casper J. Burlap Bag Mfg. Co., Fitzgerald, Ga.
Central Mills Co. (36 to 52 inch), Southbridge, Mass.
Chadwick-Hoskins Co. (Wide & Narrow), Charlotte, N. C.
Chesnee Mills, Chesnee S. C.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Chiquola Mfg. Co. (30 & 40 inch, Convertible), Honeapath, S. C.
Clifton Mfg. Co. (28, 30, 36 & 40 inch), Clifton, S. C.
Columbia Cotton Mill Co. (3½ & 4 yds to lb), Columbia, Tenn.
Columbia Mfg. Co. (4-4, 46 inch, Brown), Ramseur, N. C.
Columbus Mfg. Co. (Brown, 4 yds to lb), Columbus, Ga.
Conanicut Mills (Wide), Fall River, Mass.
Conastee Mills (Narrow), Greenville, S. C.
Consolidated Textile Corp., 11 Thomas, New York
Continental Mills (36, 40, 42 & 45 inch Brown), Lewiston, Me.
Converse D. E. Co., Glendale, S. C.
Corsicana Cotton Mills, Corsicana, Tex.
Courtenay Mfg. Co. (40 inch, Convertible), Newry, S. C.
Cowpens Mfg. Co. (36 & 40 inch, Brown), Cowpens, S. C.
Dallas Mfg. Co. (36 to 108 inch, Brown & Bleached), Huntsville, Ala.
Davol Mills (Fine), Fall River, Mass.
Denison Cotton Mill Co. (Wide & Narrow), Denison, Tex.
Dilling Cotton Mills (38½ & 39 inch, Brown), Kings Mountain, N. C.
Dixie Cotton Mills (40 & 50 inch), La Grange, Ga.
Dunson Mills (Wide & Narrow), La Grange, Ga.
Durfee Mills (30, 36, 40 & 44 inch), Fall River, Mass.
Dwight Mfg. Co. (30, 36 & 40 inch), Exchange bldg, Boston, Mass.
Eagle Cotton Mills Co. (36 & 40 inch, Brown), Madison, Ind.
Easley Cotton Mills (Export), Easley, S. C.
Eastman Cotton Mills (Brown, 40 inch Wide, 40 to 48, 2.85 yds to lb), Eastman, Ga.
Echota Cotton Mills (3.60 yds. 60x56, 40 & 44 inch), Calhoun, Ga.
Edna Cotton Mills (40 & 46 inch), Reidsville, N. C.
Edwards Mfg. Co. (Wide & Narrow, Light), Augusta, Me.
Ella Mfg. Co. (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Shelby, N. C.
Enoree Mills (Wide & Narrow), Greenville, S. C.
Enterprise Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.
Erwin Cotton Mills Co. (Wide), West Durham, N. C.
Eureka Cotton Mills (Wide), Lancaster, S. C.
Exeter Mfg. Co. (40 inch), Exeter, N. H.
Exposition Cotton Mills, Atlanta, Ga.
Farwell Mills, Lisbon, Me.
Fitzgerald Cotton Mills, Fitzgerald, Ga.
Flint River Cotton Mills (38 1-2 inch, 64x60, 3.35 yds), Albany, Ga.
Florence Mills, Forest City, N. C.
Franklin Mills (4 & 5 yds to lb), Greenville, S. C.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gaffney Mfg. Co. (Wide & Narrow), Gaffney, S. C.
Gaston Mfg. Co. (39 inch, Fine), Cherryville, N. C.
Gastonia Cotton Mfg. Co. (Fine Brown), Gastonia, N. C.
Gaudalupe Valley Cotton Mills (36 & 40 inch), Cuero, Tex.
Golden Belt Mfg. Co., Durham, N. C.
Gonzales Cotton Mill Co. (36 inch), Gonzales, Tex.
Great Falls Mfg. Co., Somersworth, N. H.
Greenwood Cotton Mills (Fine, 40 inch) Greenwood, S. C.
Grendel Mills (Wide), Greenwood, S. C.
Griswoldville Mfg. Co., Griswoldville, Mass.
Grosvenor Dale Co., Grosvenor bldg, Providence, R. I.
Hamilton Mfg. Co. (Narrow), Lowell, Mass.
Hamrick Mills (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Gaffney, S. C.
Harmony Grove Mills (60 inch, Brown), Commerce, Ga.
Harmony Mills, Cohoes, N. Y.
Hartwell Mills (36 & 40 inch, Fine), Hartwell, Ga.
Hebron Mfg. Co. ("Fruit of the Loom"), 21 So Main, Providence, R. I.
Henrietta Mills (2.85 to 6 yds to lb, 64 to 84 Pick, 30 to 40 inch), Caroleen, N. C.
Hermitage Cotton Mills, Camden, S. C.
Hettrick Mfg. Co., Toledo, O.
High Shoals Co. (36 to 40 inch), Charlotte, N. C.
High Shoals Mfg. Co. (Wide & Narrow), High Shoals, Ga.
Hill Mfg. Co. (40 & 48 inch), Lewiston, Me.
Home Cotton Mills (All Consumed by Co.), 2d & Barton, St. Louis, Mo.
Hope Co. (36 inch Bleached), Hope, R. I.
Humbolt Cotton Mills (Wide & Narrow), Humbolt, Tenn.
Imperial Cotton Mills, Eatonton, Ga.
Indian Head Mills of Ala. (36 & 40 inch), Cordova, Ala.
Irdianapolis Bleaching Co. (Brown, for Bags), Indianapolis, Ind.
Inman Mills (Wide, 72 x 76 Pick, 4.25 yds. to lb.), Inman, S. C.
Inverness Mills Co., Winston-Salem, N. C.
Itasca Cotton Mfg. Co. (36 inch), Itasca, Tex.
Jackson Co., Nashua, N. H.
Jackson Mills (36 inch, 3, 4 & 4½ yds. to lb.), Iva, S. C.
Kesler Mfg. Co. (Wide), Salisbury, N. C.
King John P. Mfg. Co. (Standard & Fine), Augusta, Ga.
Lafayette Cotton Mills, Lafayette, Ga.
Lancaster Cotton Mills (40 inch), Lancaster, S. C.
Lanett Cotton Mills (Wide), West Point, Ga.
Laurel Mills (Narrow), Laurel, Miss.
Lexington Mfg. Co., Lexington, S. C.
Limestone Mills (39 inch, 68 x 72 Pick, 4.75 yds. to lb.), Gaffney, S. C.
Lincoln Cotton Mills Co. (30, 36, 40 & 90 inches Wide), Evansville, Ind.
Little Androscoggin Water Power Co., Auburn, Me.
Lockwood Co. (36 to 108 inch), Waterville, Me.
Lonsdale Co. (Fine Bleached), 50 So. Main, Providence, R. I.
Loray Mills (Coarse, Heavy), Gastonia, N. C.
Lydia Cotton Mills, Clinton, S. C.
Lyman Mills, Holyoke, Mass.
Lynchburg Cotton Mills (Wide & Narrow), Lynchburg, Va.
Magnolia Cotton Mills Co. (Up to 40 inch), Magnolia, Miss.
Manchester Cotton Mills (Wide), La Grange, Ga.
Mandeville Mills (39 inch, 68 x 72, 4¾ yds.), Carrollton, Ga.
Manville Co. Board of Trade bldg, Providence, R. I.
Martinsville Cotton Mills Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Martinsville, Va.
Mary Leila Cotton Mill (36 inch, 52 x 46, 4.50 yds. to lb., 48-40, 5.50 yds. to lb. & 48 x 48, 5 yds. to lb.), Greensboro, Ga.
Miller Mfg. Co. (Narrow), Taylorsville, N. C.
Millville Mfg. Co., 626 Chestnut, Phila., Pa.
Modena Cotton Mills (40 inch), Gastonia, N. C.
Mollohon Mfg. Co. (Wide), Newberry, S. C.
Monadnock Mills (Wide & Narrow), Claremont, N. H.
Monarch Mills, Union, S. C.
Monroe Cotton Mills (36 & 40 inch, 60 x 56, 4 yds. to lb. & 48 x 52, 4.50 yds. to lb.), Monroe, Ga.
Montala Mfg. Co. (36 & 40 inch), Montgomery, Ala.
Monticello Cotton Mills (Wide & Narrow), Monticello, Ark.
Mooresville Cotton Mills, Mooresville, N. C.
Moultrie Cotton Mills (Wide & Narrow, 3½ to 6 yds. to lb.), Moultrie, Ga.
Naumkeag Steam Cotton Co. (Wide), Salem, Mass.
Newberry Cotton Mills (30 & 40 inch, Brown), Newberry, S. C.
Newmarket Mfg. Co., Newmarket, N. H.
Nightingale-Morse Mills (Wide), Putnam, Conn.
Ninety-Six Cotton Mill (36 & 40 inch, Convertible), Ninety-Six, S. C.
Norris Cotton Mills Co. (68 x 78 Pick, 39 inch, 4.75 yds. to lb.), Cateechee, S. C.
Nottingham Mill (40 inch), 314 Dyer, Providence, R. I.
Oconee Mills Co. (30 & 37 inch), Westminster, S. C.
Orr Cotton Mills (30, 36 & 40 inch), Anderson, S. C.
Osage Mfg. Co. (38 inch, 64 x 50, 5.35 yds. to lb.), Bessemer City, N. C.
Pacific Mills, Lawrence, Mass.
Pacolet Mfg. Co. (36 inch, 48 x 48 Standard Brown), Spartanburg, S. C.
Patterson Mfg. Co. (36 to 52 inch, Brown), China Grove, N. C.

SHEETINGS (COTTON)—continued
Pearl Cotton Mills (Wide), East Durham, N. C.
Pelzer Mfg. Co. (Brown), Pelzer, S. C.
Pepperell Mfg. Co., Biddeford, Me.
Pickens Mills (56x60 Pick, 4 yds. to lb., Convertible), Pickens, S. C.
Piedmont Mfg. Co. (30 to 40 inch), Piedmont, S. C.
Pocasset Mfg. Co., Fall River, Mass.
Poe F. W. Mfg. Co. (40 inch, Convertible), Greenville, S. C.
Poulan Cotton Mills (40 inch, 4 yds. to lb.), Poulan, Ga.
Putnam Mfg. Co., Putnam, Conn.
Quidnick-Windham Mfg. Co., Willimantic, Conn.
Quinebaug Co. (36 to 40 inch), Danielson, Conn.
Randolph Mfg. Co., Franklinville, N. C.
Rhodhiss Mills Co. (Wide & Narrow), Rhodhiss, N. C.
Riverside & Dan River Cotton Mills (Wide, Bleached & Brown), Danville, Va.
Roswell Mfg. Co. (Wide & Narrow), Roswell, Ga.
Royal Mills (Wide & Narrow), Charleston, S. C.
Royall Cotton Mills (28½ inch), Wake Forest, N. C.
Sanford Cotton Mills (36 inch, 4 yds. to lb.), Sanford, N. C.
Santee Mills (36 inch Brown), Orangeburg, S. C.
Saunders Cotton Mills (40 inch), Saundersville, Mass.
Scottdale Mills (36 & 40 inch, Brown), Scottdale, Ga.
Seminole Mills (Wide), Clearwater, S. C.
Seneca Cotton & Warehouse Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Seneca, S. C.
Shelby Cotton Mills (38½ inch, 64 x 56 Pick, 5½ yds. to lb.), Shelby, N. C.
Sibley Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.
Smith J. E. Cotton Mfg. Co. (Wide & Narrow), Thomson, Ga.
Spartan Mills (Wide & Narrow), Spartanburg, S. C.
Stark Mills, Manchester, N. H.
Stonewall Cotton Mills (32 & 36 inch Heavy & Fine Brown Sheetings), Stonewall, Miss.
Strickland Cotton Mills (Wide, 4 & 6 yds. to lb.), Valdosta, Ga.
Sylvan Cotton Mills (36 & 40 inch), Shelbyville, Tenn.
Thomaston Cotton Mills (Wide & Narrow, 4 & 4½ yds. to lb.), Thomaston, Ga.
Tipton Cotton Mills (38½ inch, 64 x 60 Pick, 5.35 yds. to lb.), Covington, Tenn.
Toccoa Cotton Mills (36 inch, 44 & 36, 4.50 yds. to lb. & 40 inch, 44 x 40, 4.25 yds. to lb.), Toccoa, Ga.
Tombigbee Cotton Mills (Wide & Narrow), Columbus, Miss.
Tremont & Suffolk Mills, Lowell, Mass.
Trion Co. (7-8 & 4-4 Brown & Fine Sheetings), Trion, Ga.
Tuscaloosa Mills, Tuscaloosa, Ala.
Union Buffalo Mills Co. (Wide & Narrow), Union, S. C.
Union Cotton Mills (36 inch, 4 to 4.50 yds. to lb. & 40 inch, 3.60 yds. to lb.), Lafayette, Ga.
Utica Steam & Mohawk Valley Cotton Mills, Utica, N. Y.
Utica Willowvale Bleaching Co. (Up to 108 inches Wide), Chadwicks, N. Y.
Uxbridge Cotton Mills (40 inch), North Uxbridge, Mass.
Victor-Monoghan Mills (40 & 60 inch for Oil & Shade Cloth, etc), Greenville, S. C.
Virginia Consolidated Milling Co. (Wide & Narrow), Petersburg, Va.
Walton Cotton Mill Co. (36 & 40 inch, Heavy), Monroe, Ga.
Wamsutta Mills, New Bedford, Mass.
Ware Shoals Mfg. Co., Ware Shoals, S. C.
Warren Mfg. Co., Warren, R. I.
Washington Mills Co. (Wide & Narrow), Mayodan, N. C.
Watts Mills (Narrow, Medium & Wide), Laurens, S. C.
Wennonah Cotton Mills (30 to 40 inch), Lexington, N. C.
Whitney Mfg. Co. (36 & 40 inch), Whitney, S. C.
Winona Cotton Mills, Winona, Miss.

Sheets (Aluminum)

See Aluminum Sheets & Rods

13479—*Sheets (Brass & Copper)

See also Copper & Brass Sheet
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

13480-1—*Sheets (Cotton Pick)

Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

Sheets (Fibre)

See Fibre, Hard

13482—Sheets (Manganese Bronze)

American Manganese Bronze Co. ("Spare's" Rolled Sheets), 3501 Rhawn, Phila., Pa.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parson's" Rolled Sheets), Beach & Ball, Phila., Pa.

13483—Sheets (Manganese Steel)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

13484— Sheets (Monel Metal)

Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Supplee-Biddle Hardware Co. (Perforated), 510 Commerce, Phila., Pa.
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.

13485— Sheets (Nickel)

Alloy Metal Wire Co., 154 Nassau, New York. *See adv index at end of book*
Am. Steel & Tin Plate Co. (Steel), H. Frick bldg, Pitsburgh, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Boker H. & Co., Inc., 101 Duane, New York
Driver-Harris Co. (Pure Malleable), Harrison, N. J. *See adv index at end of book*
Haring Ellsworth ("Elhar" Pure), 114 Liberty, New York
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Mansfield Sheet & Tin Plate Co. (The), Mansfield, O.
Midwest Brass & Copper Co., Inc., 480 Broome, New York
See adv index at end of book

13485a-b-c—Sheets (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see Alphabetical Section
Ashland Iron & Mining Co., Ashland, Ky.
Benson H. K. & F. S., Glen Ridge, N. J.
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bristol Brass Co., Bristol, Conn.
Chase Metal Works, Waterbury, Conn.
CHASE ROLLING MILL CO. ("Chase," also Rod & Wire), Waterbury, Conn.
Connecticut Brass & Mfg. Corp. (Thin Gauges), Waterbury, Conn.
Electrical Alloy Co., Morristown, N. J.
Hungerford U. T. Brass & Copper Co. (Sheets or Rolls), 80 Lafayette, New York
Merchant & Evans Co. (Sheets in Rolls), Washington av & 21st, Phila., Pa.
NEW ENGLAND BRASS CO., Taunton, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Riverside Metal Co., Riverside, N. J.
SCOVILLE MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Shimer, McGlynn & Co., 19th & Washington av, Phila., Pa.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Stanford Rolling Mills Co., Inc., Springdale, Conn.
Stimpson Edwin B. Co. (Flat & Coils), 852 Kent av, Brooklyn, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa. *See adv index at end of book*
Waterbury Rolling Mills, Waterbury, Conn.
Whitehead Metal Products Co., 67-73 Washington, N Boston, Mass.
See adv index at end of book

13485d—Sheets (Steel & Iron)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Carnahan Tin Plate & Sheet Co., Dept. H, Canton, O.
Castle A. M. & Co. ("Castle"), 715 N Morgan, Chicago, Ill.
Falcon Steel Co., Mills, Ohio
Fisher C. W., 52H B'way, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Independent Steel Corp., 111 Broad, New York
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Potts Horace T. & Co. (Electrical), Dept. H, 3rd & Wood, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

SHEETS

For Immediate Shipment

Blue Annealed	Electrical
One Pass C. R.	Enameling
Galvanized	Lead Coated
Painted	Special "C" Pickled
Corrugated	Stamping, Spinning
Perforated	Tool Steel
Armco	Uniform Blue
Auto Body	Wellsville Polished

Write for Reyerson Stock List

JOSEPH T. RYERSON & SON
Chicago St. Louis Detroit Buffalo New York

YOUNGSTOWN SHEET & TUBE CO. ("Youngstown" Black, Galvanized, Painted, Plain & Corrugated), Youngstown, O.

13485e— *Sheets (Tin)

Larkin J. K. & Co. 253 B'way, New York
See adv index at end of book
Pacific Metal Works, 153H 1st, San Francisco, Cal.

13486—Sheets (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

13487—Sheets (Toncan Metal)

Stark Rolling Mill Co. (Black & Galvanized Toncan Metal Rust-Resisting Sheets), Canton, O.

13488—Sheets (White Metal)

Detroit White Metal Co., Inc., 628 W Jefferson av, Detroit, Mich.
Seymour Mfg. Co. (Special White Metal Polished Wide & Leveled), Seymour, Conn.
Stanford Rolling Mills Co., Inc., Springdale, Conn.

13489—Sheets (Yellow Metal)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

13489a—Shelf Construction (For Factories)

Wallace Supplies Mfg. Co., 416 Orleans, Chicago, Ill.

13490— Shellac

American Trading Co., 25 Broad, New York
Androvette & Townsend (Shellac Gum) (Imp.), 235 Water, New York
Apothecaries Hall Co., Waterbury, Conn.
Baer Bros., 438 W 37th, New York
Balfour, Guthrie & Co. (Imp.), 350 California, San Fransisco, Cal.
Barrett M. L. & Co. (Gums, Orange & White), 233 W Lake, Chicago, Ill.
Bass-Hueter Paint Co., 818 Mission, San Francisco, Cal.
Behlen H. & Bro., 371 Pearl, New York
Berry Bros. (Bleached), Detroit, Mich.
Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Carleton E. Everett & Co. (Imp. Orange), 133 Front, New York
Certain-teed Products Corp., St. Louis, Mo.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co. Inc. (Imp. for Brewers, etc.), 101 Fulton, New York
Downing R. F. & Co., 45 Pearl, New York
Fales W. H. Co. (Varnish), 62 Maiden la, New York
Feigel M. & Bro. (Bleached, Varnish, etc), 185 Wooster, New York
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Glidden Co. (Hard Oil, etc.), Madison av & Berea rd, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hartmann Pacific Co. Inc. (Imp.), 80 Wall, New York
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Kasebier-Chatfield Shellac Co. (Kiln Dried Bleached & Refined, also Imp. Orange), 175 Pearl, New York
Kitz Joseph, 333 Jefferson, Hoboken, N. J.
Knox & Morse Co., 96 High, Boston, Mass.
Lancaster Paint & Glass Co., Lancaster, Pa.
McKesson & Robbins (Gums, Imp.), 91 Fulton, New York
MacLac Co. (Bleached & Refined), 9 Cliff, New York
Marx & Rawolle (Orange Bleached & Varnishes), 100 William, New York
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Northern Chemical Co. (Rim & Gasket), ("Norwesco"), Marietta, O.
Peabody Henry W. & Co. (Imported), 17 State, New York
Ralli Bros. (Imp.), 11 William, New York
Rogers Pyatt Shellac Co. (Orange & Bleached), 81 Water, New York
SCHEEL WM. H. (Importers), 159 Maiden ln, New York
See adv index at end of book
Standard Varnish Wks. ("Kleartone"), 90 West, New York
Tappenbeck W. (Imp.), 106 Wall, New York
United Varnish Co., 248 Green, Brooklyn, N. Y.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Whittemore-Wright Co. (Gum, Orange, Garnet & Bleached), Charlestown, Boston, Mass.
Zinsser Wm. & Co. (Orange, Imp.), 195 William, New York

13491— Shellac Substitutes

Day Jas. B. & Co., 224 W Superior, Chicago, Ill.

Franche C. E. & Co., 440 Orleans, Chicago, Ill.
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book

13492— Shellers (Corn)

American Bell & Foundry Co., Northville, Mich.
American Seeding Machine Co., Springfield, Ohio
Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co. ("New Hero" Force Feed & "Royal" "Badger"), Batavia, Ill.
Barnard & Leas Mfg. Co. ("Victor"), Moline, Ill.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Bayley Wm Co., Springfield, O.
Belcher & Taylor Ag'l Tool Co., Chicopee Falls, Mass.
Blymyer Iron Works Co. (Hand & Power), Cincinnati, O.
Brinly Hardy Co. ("Red Chief"), Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Buch's"), Elizabethtown, Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Challenge Co., Batavia, Ill.
Conner J. W. & Son, Orangeville, Pa.
Donaldson Bros. (Hand), Mount Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Ellis Keystone Agricultural Works ("Cannon" Sheller & Cleaner, with Bagger, etc; also "Pottstown" & Double Sheller), Pottstown, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fate-Root-Heath Co. (Little Giant," "Neverfail," "R. & H." Hand), Plymouth, O.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Freeman Mfg. Co. (Hand & Power), Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Genesee Valley Mfg. Co. (Hand & Power), Mount Morris, N. Y.
Gray Iron Casting Co. (Hand), Springfield, Ohio
Great Western Mfg. Co., Leavenworth, Kan.
Harriman Mfg. Co., Harriman, Tenn.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Hench & Dromgold Co. (Hand & Power), York, Pa.
Hobson & Co., Easton, Pa.
Hocking Valley Mfg. Co. (Hand & Power), Lancaster, O.
Howes S. Co., Silver Creek, N. Y.
Humphrey & Sons, Joliet, Ill.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Joliet Mfg. Co. (Power), Joliet, Ill.
Keystone Machine Co. ("Burrall"), York, Pa.
King & Hamilton Co., Ottawa, Ill.
Klaver Mfg. Co., Dubuque, Ia.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Luthy & Co., Peoria, Ill.
McGrath Robert M. Foundry & Machine Wks., Lafayette, Ind.
Mann F. W. Co. (Ball Bearing), Milford, Mass.
Marseilles Works of Deere & Co. ("Cyclone," "John Deere," Spring, "New Marseilles" Cylinders, Power & Hand), E Moline, Ill.
Messinger Mfg. Co. (Power & Hand), Tatamy, Pa.
Minneapolis Threshing Machine Co. (Power), Hopkins, Minneapolis, Minn.
Moore Plow & Implement Co., Greenville, Mich.
Mountville Mfg. Co. ("Hero"), Mountville, Pa.
New Winona Mfg. Co., Winona, Minn.
Nordyke & Marmon Co. (Hand & Power), Kentucky & Morris, Indianapolis, Ind.
Ohio Rake Co. (Hand), Dayton, O.
Patch A. H. ("Black Hawk," Hand), Clarksville, Tenn.
Peppler Thomas Son & Co., Hightstown, N. J.
Port Huron Engine & Thresher Co. (Power Shellers), Port Huron, Mich.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Red Chief Mfg. Co., Louisville, Ky.
Rock Island Mfg. Co., Rock Island, Ill.
Rumely Leo Tractor Co. ("Advance" Power), La Porte, Ind.
Sandwich Mfg. Co., Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Smith, Philip Mfg. Co. (Power), Sidney, O.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.
Star Heel Plate Co. ("Ever-Ready"), Wilson av, Newark, N. J.
Star Mfg. Co. (Huskers & Shellers Combined), Carpentersville, Ill.
Tiffin Wagon Co., Tiffin, O.
Union Iron Works (Inc.) ("Western" Power), Decatur, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Watts Mfg. Co. ("Watts," Power), Jackson, Mich.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

White's S. R. Sons (Inc.), Norfolk, Va.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wolf Co., Chambersburg, Pa.

Shellers (Nut)

See Nut Crackers & Picks

13493— Shells (Condenser)

Continental Iron Works, West & Calyer, Brooklyn, N. Y.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.

13494— *Shells (Copper)

Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
WATERBURY MFG. CO., Waterbury, Conn.

13495-6—Shells (Disinfector)

Quaker City Iron Works (Of Heavy Plate Steel, Jacketed & Stay Bolted), Tioga & Richmond, Phila., Pa.

13497-8— Shells (Fuse)

Daum A. F. ("Daum" Refillable Cartridges), 1157 Hodgkins, Pittsburgh, Pa.
Waterbury Mfg. Co., Waterbury, Conn.

Shells (Loaded)

See Ammunition

Shells (Ordnance)

See Shells, Seamless Steel; also Projectiles, Steel

13499— Shells (Pearl)

Isenstein Otto & Co. (Imp), 132 Front, New York

13500— Shells (Roll)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Railway Steel Spring Co., 30 Church, New York
Standard Steel Works Co. ("Standard" Solid Weldless), Morris bldg, Phila., Pa.

13501— Shells (Rolled Chrome Steel)

Chrome Steel Works, Chrome, N. J.

13501a— Shells (Screw)

Paine Company The (Expansion), 1742 W Van Buren, Chicago, Ill.
Patton-MacGuyer Co., 31 Mathewson, Providence, R. I.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn.
See adv index at end of book
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

13502—Shells (Seamless Steel)

Am. Tube & Stamping Co. (Pressed), Dept. H, Bridgeport, Conn.
Bethlehem Steel Co., S Bethlehem, Pa.
Bossert Corp. (The) (Drawn), cor Linden & West av, Utica, N. Y.
Boston Pressed Metal Co. (& Brass), 170 Union, Worcester, Mass.
Columbiana Boiler Co., Columbiana, O.
Parish Supply & Mfg Co. ("Dependable," "Safe Load" Malleable Iron), 2868 Quinn, Chicago, Ill.
Pressed Steel Tank Co., Milwaukee, Wis.
WORCESTER PRESSED STEEL CO., Worcester, Mass.
See adv index at end of book

Shells (Shot Gun)

See Ammunition

13503—Shells (Straight & Taper Bore)

Railway Steel Spring Co., 30 Church, New York

13504— Shells (Wooden)

Martin Adolph (Est. of), Passaic, N. J.

13505—Shelves (Expansion Tank)

Tyler Fred A. ("Quickest"), Albany, N. Y.

13506— Shelves (Glass)

See also Bath Room Fixtures & Furnishings

Falconer Mirror Co., Falconer, N. Y.
Gallagher P. J., 24 New Chambers, New York
Hendricks-Martz Bros. Co., Shelby & Larned, Detroit, Mich.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Novelty Mfg. Co., Waterbury, Conn.
Saginaw Mirror Wks., Saginaw, Mich.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Tru Lite Mfg. Co. ("Tru-Lite"), Dept. H, Bradford, Pa.

13506a— Shelves (Refrigerator)

American Mfg. Co., Chattanooga, Tenn.
Pennsylvania Structural Slate Co., Drake bldg, Easton, Pa.

13507—Shelves (Stove Pipe)

Parker Wire Goods Co. (Wire), Worcester, Mass.

13508—Shelves & Closets (Stove & Range)

Malleable Iron Range Co., Beaver Dam, Wis.

13509-10—Shelving (Glass Front, Sectional)

Grand Rapids Show Case Co. (Store), Grand Rapids, Mich.
Slane O. W. Glass Co., York, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Warren J. D. Mfg. Co., Masonic Temple, Chicago, Ill.

Shelving (Shop)

See Shelving, Steel

13511— Shelving (Steel)

Allsteelequip Co. (Adjustable for all Purposes), Aurora, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Barshal Steel Equipment Co., 2031 Euclid av, Cleveland, O.
Berger Mfg. Co. (Plain & Roller), Canton, Ohio
Bernstein Mfg. Co., 3rd & Allegheny, Phila., Pa.
Canton Art Metal Co., Canton, O.
Clark W. J. Co., Salem, O.
Cleveland Metalcraft Co., E 71st & Belt Line, Cleveland, O.
Cleveland Wire Spring Co. (Shop), 1281 E 38th, Cleveland, O.
Columbia Metal Bar Co., 226 E 144th, New York
Darby Edw. & Sons Co. ("Pen-Dar," Adjustable), 412 N 18th, Phila., Pa.
Dexter Metal Mfg. Co. ("Universal," "Merritt," for Vault, etc), 93 Arch, Camden, N. J.
Durand Steel Locker Co. (For Vaults & Shops, etc.), 76 W Monroe bldg, Chicago, Ill.
Edwards O. M. Co., Inc., Syracuse, N. Y.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
GENERAL FIREPROOFING CO. (Store, Shop & Office), Youngstown, O.
See adv index at end of book
Globe-Wernicke Co. (Sectional), 25 Carthage av, Cincinnati, O.
HART & HUTCHINSON CO. ("H. & H."), Corbin av, New Britain, Conn.
Hauserman E. F. Co., Fenestra bldg, Cleveland, O.
Heller W. C. & Co. (Hardware), Montpelier, Ohio
Jefferies Richard W. Co. (Pressed Steel), Camden, N. J.
Kabureck Geo., 1123 B'way, New York
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Keyless Lock Co., Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Lothrop Mfg. Co., 15 W Kinzie, Chicago, Ill.
Lupton's David Sons Co., Alleghany, av & Tulip, Phila., Pa.
Lyon Metallic Mfg. Co. ("Lyon," Adjustable or Stationary, for All Purposes), Aurora, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco"), Framingham, Mass.
Medart Fred Mfg. Co., St. Louis, Mo.
See adv index at end of book

Steel Shelving for all purposes
Steel Lockers
Write for Catalog
FRED MEDART MFG. CO.
ST. LOUIS, MO.

Mills Co. The ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book

MILLS METAL
FACTREQUIPMENT
SHELVING, BINS, TABLES
FACTORY and TOILET PARTITIONS
STEEL SASH
Glazed and erected complete
THE MILLS CO.
5320 St. Clair Ave., Cleveland, O.

SHELVING (STEEL)—continued
New Britain Machine Co., ("New Britain," also Cast Iron), 190 Chestnut, New Britain, Conn.
New York Machy. Co., 200H 5th av, New York
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
PENN METAL CO. ("Penco"), 65 Franklin, Boston, Mass.
Steel Fixture Mfg. Co. (Vault, etc), Topeka, Kans
Steelite Co., 1902 W 77th, Cleveland, O.
Terrell's Equipment Co. (With or Without Doors), Grand Rapids, Mich.
Van Dorn Iron Works Co. (Steel Roller Book Shelves), 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

13512— Shelving (Warehouse)

Hart & Hutchinson Co. ("H. & H." Steel), Corbin av, New Britain, Conn.
Medart Fred Mfg. Co., St. Louis, Mo. *See adv index at end of book*
Mills Co. The ("Factrequipment"), 5320 St. Clair av, Cleveland, O. *See adv index at end of book*
Hart & Hutchinson Co. ("H. & H." Steel), New Britain, Conn.
Steelite Co., 1902 W 77th, Cleveland, O.

13513-4— Sherardizing

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
General Electric Co. (Oven Equipment), Schenectady, N. Y. *See adv index at end of book*
Globe Machine & Stamping Co. (Dry Galvanizing), 1250 W 76th, Cleveland, O.
Mohegan Tube Co., 306 Scott av, Bklyn, N. Y.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New Haven Sherardizing Co., Hartford, Conn.
Ohio Sherardizing Co., Whitney Power blk, Cleveland, O.
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
U. S. Sherardizing Co., New Castle, Pa.
Wrought Washer Mfg. Co., Milwaukee, Wis.

13515— Shields (Buckle)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Mossman," & "Royal" Flexible), New Britain, Conn.

13516— Shields (Dress)

Benedict C. Mfg. Co., 591 Mission, San Francisco, Cal.
Beyerle J. J. Mfg. Co. ("Puritan"), 81 S 5th, Brooklyn, N. Y.
Kleinert I. B. Rubber Co., 725 B'way, New York
Mystic Rubber Corp. West Medford, Mass.

13517— Shields (Erasing, for Draftsmen

Defiance Mfg. Co., 22 E 41st, New York

Shields (Eye, Goggles)

See Goggles & Eye Protectors

13518—Shields (Furnace Port)

American Welding Co., Carbondale, Pa.

13518a— Shields (Gear)

Evans Oil Works, 637 Elsmere, Cincinnati, Ohio
Ironsides Co., Dept. H, Columbus, O.
Ironsides Co. ("Ironsides" Lubricants), Columbus, O.

13519— Shields (Lamp Eye)

Bay State Optical Co. (Mica, for Working Over Fires), Attleboro, Mass.
Chicago Eyeshade Co., 128 S Clinton, Chicago, Ill.
Chicago Eye Shield Co., 2304 Warren av, Chicago, Ill.
Ellis Frank Otis, Sandwich, Mass.
Featherweight Eye Shade Co., Merchantsville, N. J.
White W. B. & Son, Quincy, Mass.

13520— Shields (Linemen's)

Lineman Protector Co. ("Marshall's," also Shoes & Cross Arm Protectors), Penobscot bldg, Detroit, Mich.

13521—Shields (Water Closet)

Brown Hoisting Machinery Co. ("Brown" Sanitary), 4403 St. Clair N E, Cleveland, O.

13521a—Shields (Wire Rope)

Ironsides Co. ("Ironsides" Lubricants), Columbus, O.

13522—Shieves (Stamped Metal)

Jenney & Co., Montgomery, Ala. *See adv index at end of book*
Mossberg Frank Co., Attleboro, Mass.

Shifters (Belt)

See Belt Shifters

13523— Shifters (Phase)

Bush Electric Co., 6654 B'way, Cleveland, Ohio
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
States Co. (Potential, For Testing Electric Meters), Hartford, Conn.

13524— *Shim Steel

WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass. *See adv index at end of book*

13525— Shims

Am. Tube & Stamping Co. (Steel), Dept. H, Bridgeport, Conn.
Bossert Corp. The (Brass, Steel, etc., to Order), cor. Linden & West av, Utica, N. Y.
Continental Fibre Co. ("Continental Bakelite" Switch Fibre), Newark, Del. *See adv index at end of book*
Delaware Hard Fibre Co. (Fibre Switch), Wilmington, Del. *See adv index at end of book*
Detroit Leather Wks., 683 E Lafayette, Detroit, Mich.
Empire Weaving & Belting Corp. (Web), East Rochester, N. Y.
Fitzgerald Mfg. Co. (Brass, Steel & Zinc), Torrington, Conn.
GASKET SUPPLY CO .("Right" Brass, Zinc-Steel & Laminated Brass), 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Kale Stamping Co. (Laminated Brass, etc.), 1657H W Lafayette blvd, Detroit, Mich.
Laminated Shim Co. ("Laminated Brass"), 533 Canal, New York
Lanz M. Bolt Co. (Pole), 2907H Carson, Pittsburgh, Pa.
McCord Mfg. Co., 2587 E Grand blvd, Detroit, Mich.
National Fibre & Insulation Co. (Switch), Yorklyn, Del. *See adv index at end of book*
National Leather Mfg. Co. ("National," "Wolverine"), Niles, Mich.
Oakes Co., The, Indianapolis, Ind.
Rhineland Machine Works Co. (Laminated, Imp), 1737 B'way, New York
Rotax Co. (Brass), 38 E 133rd, New York
Stolz Jos. & Son Inc., 841 E 136th, New York
Track Specialties Co., 29 B'way, New York
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

13526— Shiners (Shoe)

Andrews A. H. Co. (Handy, Portable Metal, Combined Seat & Rest), 107 S Wabash av, Chicago, Ill.
Piqua Bracket Co. ("Gem" Shoe Holder & Polisher), Piqua, O.

13527-8—*Shingle Rolls (Embossed)

Lehon Co. (The) ("Mulehide"), 4451 S Oakley av, Chicago, Ill. *See adv index at end of book*

13529— Shingle Stains

Acme White Lead & Color Works, St. Aubin & M. & C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
American Mfg. Co. ("Conrad's" Creosote), 114 Plymouth av, N Minneapolis, Minn.
American Wood Preserving Co. ("Antiseptine"), 1351 N Branch, Chicago, Ill.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, Ohio
Atlas Paint Co., Sharpsburg, Pa.
Atlantic Paint Co. ("Atlantic"), Cleveland, O.
Barrett Co. ("Velvex"), 17 Battery pl, New York
Berry Bros. (Singletint), Detroit, Mich.
Blayz Paint & Varnish Co. The, 630-652 Spencer, Toledo, O. *See adv index at end of book*
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Butler J. G. Bldrs. Supply Co., 24 Congress W, Savannah, Ga.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carbon Paint Co., Felt bldg, Salt Lake City, Utah
Certain-teed Products Co. ("Certain-teed"), Boatmans Bank bldg, St. Louis, Mo.
Chilton Paint Co., College Point, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Conrad Wood Preserving Co., 118 Plymouth av, Minneapolis, Minn.
Continental Products Co., Quebec av, Cleveland, O.
Cooper Geo. W., Denver, Colo.
Crest Chemical Co., Seattle, Wash.
Davis H. B. Co., Bayard & Severn, Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dexter Bros. Co. ("English"), 105 Broad, Boston, Mass.
Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Paint & Varnish Section, Wilmington, Del. *See adv index at end of book*
Ford Mfg. Co. ("Petrosote" Preservative), 2339 La Salle, Chicago, Ill.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Goheen Corp., 25 W 43d, New York
Hammond Benjamin, Beacon, N. Y.
Horn A. C. Co., Horn bldg, Long Island City, New York
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
Lancaster Paint & Glass Co. ("Eureka"), Lancaster, Pa.
Lawrence W. W. & Co., N Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
Menzel Wm. & Son (Imp.) 64 Broad, New York
Moore Benj. & Co., 281 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nebraska Paint & Lead Co., Lincoln, Neb.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
Ohio Chemical Co., Findlay, O.
Parker, Preston & Co. (Waterproof & Odorless), Norwich, Conn.
Patterson-Sargent Co., 1325 E 38th, Cleveland, Ohio
Patton Paint Co. (Taron Paste), Milwaukee, Wis.
Price Fire & Water Proofing Co. (Fireproofing Creosote), Poughkepsie, N. Y.
Protexol Corp., 41 Barclay, New York
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Sonneborn L. Sons ("Shingle-edges"), 262 Pearl, New York
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Southwestern Paint & Varnish Co., Kansas City, Mo.
Vilas Bros. ("Impervious"), 717 S 5th av, Chicago, Ill.
Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co. ("Fernoleum"), Reading, Pa.
Woodlife Co. ("Woodlife," "W-L"), 261 Fulton, Brooklyn, N. Y.
WOOLSEY C. A. PAINT & COLOR CO., 490 Grand, Jersey City, N. J.

13530— Shingles (Asbestos)

Asbestos Shingle Co., Nashau, N. H.
Consolidated Sheet Metal Wks. ("Consol"), 661 Hubbard, Milwaukee, Wis.
Igoe Brothers, 31-37 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Johns-Manville Inc., Madison av & 41st, New York
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Trus-Con Laboratories, Caniff & Grant R. R., Detroit, Mich.

13531— Shingles (Asphalt)

See Also Roofing, Asphalt Ready

Asphalt Roof Coating Co. Ltd. ("Hudson"), 10 E 43rd, New York
Aspronet Co., 1st National Bank bldg, Pittsburgh, Pa.
Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
Beckman-Dawson Roofing Co. (Tapered), 19 S La Salle, Chicago, Ill.
Bird & Son ("Neponset" Saturated Asphalt), East Wapole, Mass.
CAREY PHILIP MFG. CO.("Asfaltslate"), 330 Wayne av, Lockland, Cincinnati, O. *See adv index at end of book*
Certain-teed Products Corp. ("Certain Teed" State Surface), Boatman's Bank bldg, St. Louis, Mo.
Cordes, Ayrault & Co., Tonawanda, N. Y.
Edwards Mfg. Co., Cincinnati, O. *See adv index at end of book*
Flintkote Co. ("Rex Strip," "Rex Wide Space," "Rex Diamond Paint," "Reversible Paint" Strip, Asphalt Slate Surfaced), 88 Pearl, Boston, Mass.
Ford Roofing Products Co., 1134 N Third, St. Louis, Mo.
Heppes Roofing Division The Richardson Co. ("Flex-a-tile"), Lockland, O.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
International Roofing Mfg. Co., 5301 S Western av, Chicago, Ill.
Keystone Roofing Mfg. Co. ("Keystone" Slate Finished), York, Pa.
Lampson Lumber Co., New Haven, Conn.
McHenry Millhouse Mfg. Co. ("Standard"), South Bend, Ind.

National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Reynolds H. M. Asphalt Co., Grand Rapids, Mich.
Safepack Mills ("Safekote"), 72 Atlantic av, Boston, Mass.
Sall Mountain Co. ("Sal-Mo"), 305 S La Salle, Chicago, Ill.
Southern Cotton Oil Co. ("Scoco"), 120 B'way, New York
Standard Paint Co. ("Ru-ber-oid"), 233 Broadway, New York, N. Y.
Usona Mfg. Co. ("Usona"), Aurora, Ill.
Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
Whitaker Paper Co. (Slate Covered, in colors), Eggleston av, 6th & Lock, Cincinnati, O.
Winthrop Asphalt Shingle Co., Argo, Ill.

13532—Shingles (California Redwood)

This is a Selected List for Buyers; see also Lumber Manufacturers

Albion Lumber Co., 582 Market, San Francisco, Cal.
Burns M. A. Mfg. Co., Eureka, Cal.
Caspar Lumber Co., Hobart bldg., San Francisco, Cal.
Dolbeer & Carson Lumber Co., Mer. Ex. bldg, San Francisco, Cal.
McKay & Co., 311 California, San Francisco, Cal.
Metropolitan Redwood Lumber Co., Metropolitan, Cal.
Nelson Charles Co., 230 California, San Francisco, Cal.
Pacific Lumber Co., San Francisco, Cal.
Redwood Shingle Assn., Eureka, Cal.
San Diego Lumber Co., San Francisco, Cal.
Schouten J. W. & Co., 738 Bryant, San Francisco, Cal.
Waite H. B. Lumber Co., Security bldg, Minneapolis, Minn.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

13533— Shingles (Cedar)

This is a Selected List for Buyers; see also Lumber Manufacturers

Atlas Lumber Co. (Red Cedar), Seattle, Wash.
Baker Fred K. Lumber Co., Everett, Wash.
Bolcom Canal Lbr. Co. (Red), Seattle, Wash.
Briggs & Cooper Co. (Ltd.), Saginaw, Mich.
Buckeye Lumber Co., Seattle, Wash.
Campbell Napoleon (Wash. Red.), 2453 W 54th, Seattle, Wash.
Carley Ira (White Cedar), Ingalls, Mich.
Carpenter W. I. Lumber Co. (Red Cedar), 504 Lumber Exchange, Minneapolis, Minn.
Case Shingle & Lumber Co. (Red), Raymond, Wash.
Chicago Lbr. & Coal Co. (Red), East St. Louis, Mo.
Clear Lake Lbr. Co. (Red), Clear Lake, Wash.
Commercial Shingle Co. (Red), Bellingham, Wash.
Creo-Dipt Co., North Tonawanda, N. Y.
Currier R. B. Co., Springfield, Mass.
Eatonville Lumber Co. (Red Cedar), Eatonville, Wash.
Falls City Lbr. & Logging Co. (Red), Northwestern Bank bldg, Portland, Ore.
Ferry-Baker Lumber Co. (Red), Everett, Wash.
Gray's Harbor Commercial Co. (Red Cedar), ft of 3d, San Francisco, Cal.
Haines Lumber Co. (Red Cedar), No. Tonawanda, N. Y.
Hartman-Neubert Lbr. Co. (Red), Seattle, Wash.
Hoquiam Lumber & Shingle Co. (Red Cedar), Hoquiam, Wash.
Howell Shingle Co., Ry. Exch. bldg., Portland, Ore.
Huebel C. J. Co. (White), Monominee, Mich.
Juniper Lumber Co. Inc. (White), Ivanhoe, N. C.
Kimball-Clark Co. (White Cedar), Oshkosh, Wis.
McCormick Lbr. Co. (Red), McCormack, Wash.
Menominee River Shingle Co., Menominee, Mich.
Minneapolis Lumber Co. (Red & White Cedar), 943 Lumber Exchange, Minneapolis, Minn.
Morgan Co., Oshkosh, Wis.
Morgan Lumber & Cedar Co. (White & Red Cedar), Oshkosh, Wis.
Nicola Lbr. Co. (Red Cedar), Farmers' Bank bldg., Pittsburgh, Pa.
Nufer Cedar Co., Whitehall, Mich.
Pacific Fir Co. (Red Cedar), Seattle, Wash.
Pacific Timber Co., Everett, Wash.
Pine Fir Co., Spokane, Wash.
Pine Tree Mfg. Co. (White Cedar), Little Falls, Minn.
Pinkham J. E. Lbr. Co. (Red), Seattle, Wash.
Pioneer Lumber Co. (Red), Seattle, Wash.
Robbins Lumber Co., Rhinelander, Wis.
Roy E. B. Lumber Co. (Red), Seattle, Wash.
St. Croix Paper Co., 244 Washington, Boston, Mass.
St. Paul & Tacoma Lbr. Co., Tacoma, Wash.
Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar), Sand Point, Idaho
Saginaw Shingle Co. (Red Cedar), Blaine, Wash.
Schwager & Nettleton (Red), Seattle, Wash.
Seattle Cedar Lumber Mfg. Co. ("Maltese Cross"), Seattle, Wash.
Seattle Lumber Co., Seattle, Wash.
Shepard-Traill Co. (Red Cedar), Seattle, Wash.
Smith M. R. Shingle Co. (Red), R. A. Long bldg, Kansas City, Mo.
Sound Lumber Co. (Red Cedar), Seattle, Wash.
Spies, Thompson Lumber Co., Menominee, Mich.
Standard Cedar & Lumber Co. (White Cedar), 511 Lumber Exchange, Minneapolis, Minn
Standard Stained Shingle Co. ("Creo-Dipt" Stained Red Cedar), North Tonawanda, N. Y.
Vancouver Lbr. Co. Ltd. (Vancouver Cedar Mills Ltd.) (B. C. Red), 343 S Dearborn, Chicago, Ill.
Verd Cedar Co., Arlington, Wash.
Waccamaw Lumber Co., Bolton, N. C.
Wagner & Wilson Co., Monroe, Wash.
Waite H. B. Lumber Co. (Wash'n Red Cedar), Security bldg, Minneapolis, Minn.
Wall-Spalding Lumber Co., Oshkosh, Wis.
Wallace-Ballord Lumber Co. (Red Cedar), 613 Lumber Exchange, Minneapolis, Minn.
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.
Wilson Robt. S. (Red Cedar), Seattle, Wash.
Winchester & Daniels, Grand Rapids, Mich.
Wisconsin Land & Lumber Co. (White Cedar), Hermansville, Mich.
Worcester Lumber Co., Ass'n bldg, Chicago, Ill.

Shingles (Cement)

See Roofing Tile, Cement

13534— Shingles (Cypress)

A Selected List for Buyers; see also Lumber Manufacturers

Ascension Red Cypress Co. (Ltd.), 403 Whitney bldg, New Orleans, La.
Allison Lumber Co. Inc. (Molding), 729, Columbia, S. C.
Baker-Wakefield Cypress Co. (Ltd.), Plattenville, La.
Betts Chas. M. & Co., Bailey bldg, Phila., Pa.
Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.
Burgan Wm. M., American bldg, Baltimore, Md.
Burton E. P. Lumber Co., Charleston, S. C.
Chicago Lumber & Coal Co., E. St. Louis, Mo.
Continental Lumber Co., Houston, Tex.
Cotten Bros., Cypress Co. (Ltd.), Morgan City, La.
Craven Lumber Co., Dallas, Tex.
Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.
Gates Lumber Co., Wilmar, Ark.
Goodland Cypress Co., Hibernia bldg, New Orleans, La.
Hammer Lumber Co., Liberty bldg, Phila., Pa.
Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.
Juniper Lumber Co. Inc., Ivanhoe, N. C.
Louisiana Cypress Lumber Co. (Ltd.), Harvey, La.
Louisiana Red Cypress Co., 814 Perdito, New Orleans, La.
Lutcher & Moore Cypress Lbr. Co. (Ltd.), Lutcher, La.
Lutcher & Moore Lumber Co., Orange, Tex.
Napoleon Cypress Co. (Ltd.), Napoleonville, La.
Owl Bayou Cypress Co., Cincinnati, O.
Planters Lumber Co. (Ltd.), Jeanerette, La.
Powe Thos. E. Lumber Co., 24 Branch, St. Louis, Mo.
Ramos Lumber Co. (Ltd.), Ramos, La.
Rayner & Parker (Wholesale), Comcl. Tr. bldg, Phila., Pa.
Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.
Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Trinity River Lumber Co., Houston, Tex.
West Virginia Lumber Co., 1st National Bank bldg, Pitsburgh, Pa.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Wilson Cypress Co., Palatka, Fla.

13535— Shingles (Felt)

Flintkote Co. ("Rex Strip" & "Rex Wide Space," "Rex Diamond Paint," "Rex Reversible Strip Paint"), 88 Pearl, Boston, Mass.

13536-7—Shingles (Metallic)

See also Roofing Tile, Metallic

Asbestos Protected Metal Co., Beaver Falls, Pa.
Aspromet Co., First National Bank bldg, Pittsburgh, Pa.



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in Ten Popular Patterns

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Will Outlast Your Building

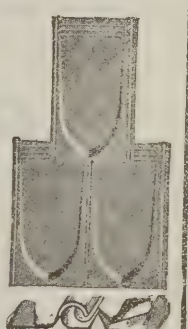
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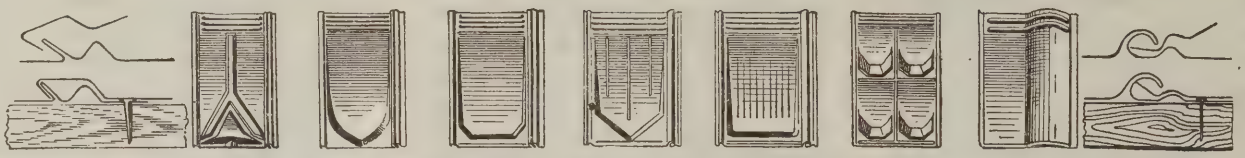
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WALTER'S & COOPER'S



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SHINGLES (METALLIC)—continued

Berger Mfg. Co. ("Chieftain," "Swanee"), Canton, O.
Burris John T. & Son, Anderson, S. C.
Burton W. J. Co. ("East Lake" Hip Ornamental, etc.), Junction & Leavitt avs, Detroit, Mich.
Butler Mfg. Co., Kansas City, Mo.
Canton Art Metal Co. ("X L"), Canton, O.
Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
Chattanooga Roofing & Foundry Co. ("New Century," "Old English"), Chattanooga, Tenn.
Cincinnati Stamping Co. ("Regan's"), 24 W McMicken av, Cincinnati, O.
Cortright Metal Roofing Co., 50 N 23d, Phila., Pa.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dickelman Mfg. Co., Forest, O.
Dominion Metal Products Co., Roanoke, Va.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co. ("Dux-Bac" Lock Joint), Canton, O.
Florida Metal Products Co., Jacksonville, Fla.
Hopson W. C. Co., Grand Rapids, Mich.
Hyndman Roofing Co. ("Loxrite," "Security," "Xlent" Brand), 318 E 2d, Cincinnati, O.
Kanneberg Roofing & Ceiling Co., Canton, O.
Klauer Mfg. Co., Dubuque, Ia.
Messenger & Parks Mfg. Co. ("Acme"), Aurora, Ill.
Meurer Geo. C. Co. ("Unique," "Columbia"), 22 Clay, Brooklyn, N. Y.
Miller & Doing, 60 York, Brooklyn, New York
Milwaukee Corrugating Co. ("American" Titelock), Milwaukee, Wis.
Moeschl-Edwards Corrugating Co. ("Just Right," "Magnolia"), Covington, Ky.
NATIONAL SHEET METAL ROOFING CO. ("Walter's"), 339 Grand, Jersey City, N. J. *See adv index at end of book*
Newport Rolling Mill Co., Newport, Ky.
Norman W. F. Sheet Metal Mfg. Co. (Hip), Nevada, Mo.
Ohio Corrugating Co., Warren, O.
Penn Metal Ceiling & Roofing Co. (Ltd.), ("The Sagendorf"), 23d & Hamilton. Phila., Pa.
Penn Metal Co. ("Penco" of Hampton Metal, "Sagendoff"), 65 Franklin, Boston, Mass.
Piper J. A. Roofing Co., Dept. H, Greenville, S. C.
Porter Iron Roofing & Corrugating Co., 521 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Southern E. E. Iron Co. ("Souther's"), Kienlen & Hamburger, St. Louis, Mo.
Tennison Bros., Houston, Tex.
Thomas & Armstrong Co. ("Buckeye"), London, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Watson Jas. H. Co., Bradley, Ill.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.

Shingles (Red Cedar)

See Shingles, Cedar

13538—Shingles (Slate Surface)

Keystone Roofing Mfg. Co., York, Pa.
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
Standard Paint Co. ("S. P. C."), 233 B'way, New York
Stowell Mfg. Co., Culver av, Jersey City, N. J.

13539— Shingles (Stained)

Creo-Dipt Co. ("Creo-Dipt"), No. Tonawanda, N. Y.
Johnston R. F. Paint Co., Pearl & Main, Cincinnati, O.
Moser Chas. Co., Cincinnati, O.
Patton Paint Co., Milwaukee, Wis.
Richmond Bros., 616 Main, Cincinnati, O.
Standard Stained Shingle Co. ("Creo-Dipt"), North Tonawanda, N. Y.
Transfer Stained Shingle Co. ("Weatherbest"), North Tonawanda, N. Y.

13540— Shingles & Tiling (Cluster)

Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Newport Rolling Mill Co., Newport, Ky.

13540a— *Ship Brokers

Bull A. H. & Co., 40H West, New York
Page & Jones, Mobile, Ala.
See adv index at end of book

13541— Ship Builders

See also Dry Docks & Marine Railways

Star (*) indicates those who build Iron & Steel; Section Mark (§) those who build Wooden; Dagger (†) those who build Iron, Steel & Wooden

Abbott William G., Milford, Del.
Acme Forge Works, 3614 E Marguise way, Seattle, Wash.
Alabama Dry Dock & Shipbuilding Co. (also Ship Repairs), Mobile, Ala.
Alaska Pacific Navigation Co., Seattle, Wash.
*Albina Engine & Machine Works, Portland, Ore.
Allen Shipbldg. Co., Seattle, Wash.
*American Car & Foundry Co. (Steel & Wooden Steamships, Ferry Boats, Barges, Car or Grain Floats, etc), Syndicate Trust bldg, St. Louis, Mo.
AMERICAN CAR & FOUNDRY CO. (Jackson & Sharp Plant, Wooden Steamships, Ferry Boats, Barges, Car & Grain Floats, Tugs, Lighters, Scows), Wilmington Del.
See adv index at end of book
American Fisheries Co., Bellingham, Wash.
Am. International Shipbuilding Corp., Hog Island, Phila., Pa.
*American Ship Building Co., ft of W 54th, Cleveland, O.
American Shipbldg. Co., 11 B'way, New York; plant, Brunswick, Ga.
§Atlantic Coast Co., Inc., Thomaston, Me.
*Atlantic Works (Steam Yachts), 80 Border, East Boston, Mass.
*Baltimore Dry Dock & Ship Bldg. Co. (Steel Ships, Barges, Lighters, Car Floats, Tugs, etc), ft E Fort av, Baltimore, Md.
*§Barnes Chas. Co., 55 Main, Cincinnati, Ohio
§Barrett Line (Tugs, River Vessels, Scows, etc.), Cincinnati, O.
*Bath Iron Works (Ltd.), Bath, Me.
§Bayles Shipyards, Inc., Port Jefferson, N. Y.
§Bean R. L., Camden, Me.
Beaumont Ship Bldg. & Dry Dock Co., Beaumont, Tex.
Bethlehem Shipbuilding Corp. (All kinds of Steam & Sailing Vessels & Barges), So. Bethlehem, Pa., Alameda, Cal., Elizabethport, N. J., Union Plant, San Francisco, Wilmington, Del.
Blaisdell N. & Sons, Bath, Me.
§Booz Bros., 815 Key Highway, Baltimore, Md.
§Bowker F. S., Phippsburg, Me.

PAGE & JONES

SHIP BROKERS AND STEAMSHIP AGENTS

MOBILE, ALA., U. S. A.

Cable Address: "PAJONES, MOBILE." ALL LEADING CODES USED

Brown Louis L. Co., Inc. (Concrete), 30 Church, New York
§Brown Dry Dock Co., ft Morris, Jersey City, N. J.
Brunswick, Marine Construction Corp., 63 Wall, New York
Brunswick Shipbuilding Co., Brunswick, Ga.
*Buffalo Dry Dock Co., Buffalo, N. Y.
†Burger H. B., Jr., Manitowoc, Wis.
Cahill W. S. Co., Key Highway & Webster, Baltimore, Md.
California Shipbuilding Co. (Submarines & Torpedo Boats), Long Beach, Cal.
§Camden Yacht Building & R'y Co. (Yachts, etc), Camden, Me.
Cape Cod Shipbuilding Corp (Up to 150 ft. to Order), Wareham, Mass.
§Caril Jesse E., Northport, N. Y.
§Carleton Norwood & Co., Rockport, Me.
Charleston Dry Dock & Machine Co., Charleston, S. C.
Chesapeake Marine Railway Co., Philpot c Point, Baltimore, Md.
Chicago Ship Building Co., 101st & Calumet River, Chicago, Ill.
*§Clooney Construction & Towing Co. (Barges, Boats, etc), Westlake. La.
Coast Shipbldg. Co., Portland, Ore.
Coastwise Ship Building Co. (Wood), ft of Andre, Baltimore, Md.
§Cobb Francis Shipbuilding Co., Rockland, Me.
Columbia Engineering Works, Portland, Ore.
Columbia River Shipbuilding Corp., Portland, Ore.
Continental Shipbldg. Corp. (Wood, Concrete & Steel), 103 Park av New York
Cookson, Walker & Callahan, San Pedro, Cal.
Cowles Shipyards Co., Buffalo, N. Y.
*Cramp Wm. & Sons, Ship & Engine Bldg. Co., Beach cor Ball, Phila., Pa.
†Crane's Theo. A. Sons Co. (Tugs, River Vessels, Scows, Dry Docks etc), ft Columbia, Brooklyn, N. Y.
§Crook, H. E. Co., Inc., 28 Light, Baltimore, Md.
Crosby Navigation Co., Richmond, Me.
Cumberland Shipbldg. Co., 415 Congress, Portland, Me.
Dantzler Shipbldg. & Dry Docks Co., Moss Point, Miss.
§Davidson James, Bay City, Mich.
*Davis M. M. & Son, Solomons, Md.
§Deering G. G. & Co., Bath, Me.
*Detroit Ship Building Co., ft. Orleans, Detroit, Mich.
Diercks-Blodgett Shipbldg. Co., Pascagoula, Miss.
Downey Shipbldg. Corp., New Brighton, N. Y.
Doyen P. H. Shipbuilding Co., South Portland, Me.
*†§Dubuque Boat & Boiler Works, Dubuque, Ia.
§Dunn & Elliot Co., Thomaston, Me.
*Duthie J. F. & Co., Seattle, Wash.
§Elco Co. ("Elco" Electric & Gasoline Launches, etc), Bayonne, N. J.
§Englis Chas M., 34 Greenpoint av, Brooklyn, N. Y.
Erickson Engng. Co., Inc., Downs bldg, Seattle, Wash.
Federal Shipbuilding Co., Kearny, N. J.
Fellows & Stewart, Inc. (Floating Equip. of all kinds), Wilmington, Del.
§Fenton David (Tugs, River Vessels, Scows, etc), Manchester, Mass.
Ferguson Steel & Iron Co., Inc., Buffalo, N. Y.
*Fletcher W. & A. Co., Hoboken, N. J.
*Fore River Shipbuilding Corp., Quincy, Mass.
§Foundation Co. 120 Liberty, New York
*Fuller Geo. A. Co. Wilmington, N. C.
Fulton Shipbldg. Co., Wilmington, Cal.
*Gas Engine & Power Co. & Chas. L. Seabury & Co. (Launches, Yachts, etc), Morris Heights, New York
Georgia Ship Building Co., Savannah, Ga.
§Gildersleeve Ship Building Co. (Coal Boats & Deck Scows), Gildersleeve, Conn.
§Gilmore Bros. (Scows, etc), Toledo, O.
Globe Shipbldg. Co., Superior, Wis.
§Goble J. H. & T. C., Oswego, N. Y.
Grant, Smith, Porter Shipbldg. Co., Portland, Ore.
Gray's Harbor Shipbuilding Co., Aberdeen, Wash.
*Great Lakes Eng'ng Works, Real Estate Exchange bldg, Detroit, Mich.
§Green Richard T. Co., Chelsea. Mass.
§Greenport Basin & Const. Co. (Tugs, River Vessels, Scows, etc), Greenport, N. Y.
Groton Iron Wks., Noank, Conn.
Hanlon Dry Dock & Shipbuilding Co., Oakland, Cal.
*Harlan & Hollingsworth Corp. (Steamships, Steamboats, Tugboats, Ferryboats, Car Floats, Barges, etc), ft West, Wilmington, Del.
*§Henderson Shipbuilding Co., Mobile, Ala.
*Herreshoff Mfg. Co. (Also Yachts, etc), Bristol, R. I.
§Hiltebrant C. Dry Dock Co., Rondout, Kingston, N. Y.
Hodge Ship Co., Moss Point, Miss.
Housatonic Ship Bldg. Co., Stratford, Conn.
*Howard Ship Yards Co., Jeffersonville, Ind.
Imperial Shipbuilding Corp., ft Dubois, Detroit, Mich.
International Shipbuilding & Marine Eng'g. Corp., Nyack, N. Y.
§Jakobson & Peterson (Scows, etc), ft of 24th, Brooklyn, N. Y.
Jahncke Shipbldg. Co., Madisonville, La.
*Johnson Iron Works (Ltd.), (Steamers, Barges & Lighters), Morgan & Sequin, New Orleans, La.
§Johnson Shipyards Corp., West New Brighton, S. I., N. Y.
*Johnston Bros. (Tugs, Yachts, Barges, Scows, etc), Ferrysburg, Mich.
§Kelley-Spear Co., Bath, Me.
§Kenyon A. P., Marine City, Mich.
§King & Winge Ship Yard, Seattle, Wash.
Kingston Ship Bldg. Co., Kingston, N. Y.
§Kirby Thos. H. & Sons, St. Michaels, Md.
Kirk John P. (Tugs, River Vessels, Scows, etc), Toms River, N. J.
§Kneass Geo. W. (Tugs, River Vessels, Scows, etc), 18th & Illinois, San Francisco, Cal.
§Kruse & Banks, North Bend, Ore.
†Lake Erie Drydock & Mill Co., Sandusky, O.
§Lake Torpedo Boat Co. (Submarine Torpedo Boats), Bridgeport, Conn.
§Lenahan R. & Co., Kingston, N. Y.
§Lindstrom Ship Building Co., Aberdeen, Wash.
Lone Star Shipbldg. Co., Beaumont, Tex.
§†Long Island Machine & Marine Construction Co., ft E av, Long Island City, N. Y.
Luders Marine Construction Co., Stamford, Conn.
McAllister Dry Dock & Shipyard Co., 24 State, New York
*McDougall-Duluth Co., Duluth, Minn.
§McEachern J. A. Co., Seattle, Wash.
McEachern Ship Co., Astoria, Ore.
§McKie Ship Building Co., 100 Border, E Boston, Mass.
McLouth Sidney C., Marine City, Mich.
Manitowoc Shipbuilding Co. (Steel Ships Passenger Steamers, Fire Boats, Tugs, Dredges, Lighters, Scows, etc), Manitowoc, Wis.
§Mar Jno. E. & Son, West Haven, Conn.
§Marine Engine & Boiler Co. (Tugboats, etc), Philpot & Point, Baltimore, Md.
*Marine Iron Works, 2036 Dominick, Chicago, Ill.
Mathis John H. Co., Camden, N. J.
§Matthews Ship Building Co., Hoquiam, Wash.
Meacham & Babcock Shipbldg. Co., Seattle, Wash.
Merchants Shipbuilding Corp. (Steel Merchant Vessels), Chester, Pa.
Midland Bridge Co., Houston, Tex.
†Milwaukee Dry Dock Co., Ft. Washington, Milwaukee, Wis.
Moore Shipbldg. Co., Oakland, Cal.
§Moran Robert, Rosario, Wash.
§Muncy Thos. F. & Son (Yachts Only), Bay Shore, N. Y.
§Murnan Ship Bldg. Corp., Mobile, Ala.
*National Dry Dock & Repair Co., West New Brighton, S. I. N. Y.
National Ship Building Co., Seattle, Wash.
National Shipbldg. Co., Orange, Tex.
National Shipbuilding & Dry Dock Co., Savannah, Ga.
New Jersey Shipbldg. Co., Gloucester City, N. J.
*New York Shipbuilding Co., Camden N. J.
Newburgh Shipyards, Inc., Newburgh, N. Y.
*Newport News Ship Building & Dry Dock Co., Newport News, Va.
Nilson & Keley Shipbldg. Corp., Seattle, Wash.
North Carolina Ship Bldg. Co., Moorehead City, N. C.
Northwest Steel Co., Portland, Ore.
§Oades Walter H., ft of Dubois, Detroit, Mich.
Pacific Coast Shipbldg. Co., First Nat'l Bk. bldg, San Francisco, Cal.
§Paducah Dry Dock Co., Paducah, Ky.
Palmer Robert & Son Ship Building & Marine Railway Co. (The), Noank, Conn.
Patterson-MacDonald Shipbldg. Co., Seattle, Wash.
§Peninsula Shipbuilding Co., Portland, Ore.
Penn. Shipbldg. Co., Gloucester City, N. J.
§Percy & Small, Bath, Me.
§Perth Amboy Dry Dock Co., Perth Amboy, N. J.
Pittsburgh-Des Moines Steel Co. (Hulls-Steel), 804 Gurry bldg, Pittsburgh, Pa.
See adv index at end of book
Portland Co. (Freight & Passenger Steamboats, Towboats, etc) Portland, Me.
Portland Shipbldg. Co., 257 Front, So. Portland, Me.
Portland Ship Ceiling Co., Water, Portland, Me.
Providence Engng. Corp., 521 S Main, Providence, R. I.
*Pusey & Jones Co. (Yachts, Sailing & Steam Vessels), ft Poplar, Wilmington, Del., & Pennsylvania & New Jersey Yards, Gloucester City, N. J.
Quintard Iron Works Co., 742 E 12th, New York
Raritan Dry Dock Co. (Scows, Tugs, Barges, etc), Perth Amboy, N. J.
§Read Bros. Co., Fall River, Mass.
§Rice Jacob & Sons, Kingston, N. Y.
§Rieboldt Wolter & Co., Sturgeon Bay, Wis.
*Riley's Dry Dock Co., Buffalo, N. Y.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Rodgers Geo T. & Co., Astoria, Ore.
Rohde Chas. L. & Sons Co., ft 3d av, Baltimore, Md.
Russell Ship Bldg. Co., Portland, Me.
§Ryan John & Son, Whitehall, N. Y.
Saginaw Shipbldg. Co., Saginaw, Mich.
*§St. Helens Shipbuilding Co., St. Helens, Ore.
San Francisco Shipbldg. Co. (Concrete Steamers & Barges), 310 California, San Francisco, Cal.
Sanderson & Porter, Willapa Harbor, Wash.
Sandy Point Ship Bldg. Co., Sandy Point, Me.
§Sandstrom Ship Building Co., Seattle, Wash.
Schultze, Robertson & Schultze, Inc., 1151 Evans av, San Francisco, Cal.
*§Seaborn Shipyards Co., Tacoma, Wash.
§Simpson Lumber Co., 112 Market, San Francisco, Cal.
Ship Construction & Trading Co., Inc., Stonington, Conn.
Slidell Ship Building Co., Slidell, La.
Sloan Shipyards Corp., Seattle, Wash.
§Smith C. C. Boat & Engine Co., Algonac, Mich.
§Snow I. L. & Co., Rockland, Me.
Sommerstrom Shipbldg. Co., Columbia City, Ore.
*Spedden Ship Building Co. (Steel & Wood), Boston & Kenwood, Baltimore, Md.
*Standard Shipbuilding Corp., 44 Whitehall New York
§Standifer-Clarkson Co., Portland, Ore.
Standifer G. M. Constr. Co., Vancouver, Wash.
Stanley Shipbldg. Co., Shooters Island, L. I., N. Y.
Staten Island Shipbuilding Co., 1983 Richmond ter, Port Richmond, Richmond, N. Y.
§Stearns & McKay Co. (Tugs, River Vessels, Scows, etc), Marblehead, Mass.
§Stone W. F., Oakland, Cal.
§Story A. D., Essex, Mass.
Submarine Boat Corp., 11 Pine, New York; shipyards, Port Newark, N. J.
*Sun Shipbuilding Co., Chester, Pa.
*Superior Ship Building Co., Superior, Wis.
§Swenson J., ft of Warren, Jersey City, N. J.
Tacoma Shipbldg. Co., Tacoma, Wash.
Tampa Dock Co., Tampa, Fla.
Tampa Shipbuilding & Engineering Co., Tampa, Fla.
Tebo Yacht Basin Co., ft 23d, Brooklyn, N. Y.
Texas Steamship Co., Bath, Me.
§Thames Tow Boat Co., New London, Conn.
Todd Dry Dock & Constn. Co., Tacoma, Wash.
Todd Dry Docks, Inc., Seattle, Wash.
Todd Shipyards Corp., 15 Whitehall, New York
*Toledo Ship Building Co., Toledo, O.
§Traylor Shipbldg. Corp., Cornwells Hghts., Pa.
Union Bridge & Constn. Co., Morgan City, La.
Union Construction Co., 604 Mission, San Francisco, Cal.
*Union Shipbuilding Co., Fairfield, Md.
United Engng. Works, Clunie bldg, San Francisco, Cal.
United States Shipbldg. Corp., 26 Cortlandt, New York
Universal Shipbldg. Co., Houston, Tex.
§Vansant Stanley G., Atlantic City, N. J.
Vinyard Ship Building Co., Milford, Del.
Virginia Shipbuilding Corp., Alexandria, Va.
Vulcan Iron Work Inc., Hudson & Essex, Jersey City, N. J.
Ward Chas. Engineering Works (Light-Draft River Steamers), Charleston, W. Va.
§Waterhouse Frank & Co., Seattle, Wash.
§Weaver Joseph & Son, Orange, Tex.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
§White E. I., Machias, Me.
*Williamette Iron & Steel Wks. (Iron & Steel), Portland, Ore.
Wilson Shipbldg. Co., Astoria, Ore.
Wilson Shipyards, Seattle, Wash.
*Winslow Marine Railway & Shipbuilding Co., Winslow, Wash.
§Woodall Wm. E. & Co., ft of Woodall, Baltimore, Md.
Wright Shipyards, Tacoma, Wash.
York River Ship Bldg. Co., West Point, Va.

13542— Ship Knees

Hoskins J. S. Lumber Mfg. Co., Md. Casualty Tower, Baltimore, Md.
Portland Ship Building Co., Portland, Me.
Sherwood Hall Co., Ltd., Grand Rapids, Mich.
True Samuel, Amesbury, Mass.

13542a— Ships Findings

Alabama Dry Dock & Shipbuilding Co., Mobile, Ala.
Fisher C. W., 52H B'way, New York
Henderson Shipbuilding Co., Mobile, Ala.
Murnan Ship Bldg. Corp., Mobile, Ala.
Stern Foundry & Machine Co., 1630 Annunciation, New Orleans, La.
Thacher Propeller & Foundry Corp., Albany, N. Y.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

SHIPS FINDINGS—continued
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wittemann Bros., 41 Ferris, Brooklyn, N. Y.

13542b—*Ship Repairs & Refittings

Crook H. E. Co., 28 Light, Baltimore, Md.
Stolz Jos. & Son Inc., 841 E 136th, New York

13543— Shock Absorbers

Accesso Mfg. Co. ("Accesso"), 99H State, Boston, Mass.
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Central Brass & Fixture Co. ("Buckeye Ford"), Springfield, O.
Channon-Hughson Co., 227 W Erie, Chicago, Ill.
Connecticut Shock Absorber Co., Meriden, Conn.
Cox Brass Mfg. Co., Albany, N. Y.
Dorrance Chas. J. ("Dorrance" Trolley), 811 N. Y. Life bldg, Chicago, Ill.
Duke Oak Lumber Co. ("Condac"), Wellsville, N. Y.
Dural Rubber Corp. (Airplane), Flemington, N. J.
Flentje Ernst ("Flentje," Oil & Air), 1643 Cambridge, Cambridge, Mass.
France Mfg. Co. ("F.-F."), 10360 Berea rd, Cleveland, O.
Gabriel Mfg. Co. ("Foster"), 1407 E 40th, Cleveland, O.
Goodyear Tire & Rubber Co. ("Aeroplane"), Akron, O.
Halladay L. P. Co., Streator, Ill.
Halliwell Bros. ("Martin"), 317 W Pico, Los Angeles, Cal.
Hartford Edward V. ("Truffault-Hartford"), 141 Morgan, Jersey City, N. J.
Humboldt Machine & Stamping Co. ("Ridewell"), Vernon av & 10th, Long Island City, N. Y.
Landis Engng. & Mfg. Co. ("Landis"), Waynesboro, Pa.
Mesinger H. & F. Mfg. Co., Austin pl & 144th, New York
National Dairy Machine Co., Goshen, Ind.
Rhineland Machine Wks. Co. (Imp.), 1737 B'way, New York
Russell Mfg. Co. (Airplane), 349 B'way, New York
Sager J. H. Co. ("J H S"), Rochester, N. Y.
Smith, H. Lund, Paterson, N. J.
Southwark Foundry & Machine Co. (Hydraulic for Machinery), 1128 S 4th, Phila., Pa.
Star Specialty Mfg. Co. ("Star" Ford Motor Circulators), 227-233 W Erie, Chicago, Ill. *See adv index at end of book*
Turner Brass Works ("Turner"), Sycamore, Ill.
Universal Rim Co. ("Stone"), 140 S Dearborn av, Chicago, Ill.
Universal Shock Eliminator Co., 1881 B'way, New York
Walker Mfg. Co. (For Ford Cars), Racine, Wis.
Webber P. H. Co. ("W. & C." For Ford Cars), Hoopeston, Ill.
Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.
Wood, J. W. Elastic Web Co., 45 E 17th, New York

13544—Shoe Blacking & Polishes

A. B. Polish Co. ("A. B. Wite Est" Cleaner, "A. B. Radiant" Dressing), 1515 Haddon av, Chicago, Ill.
Albano Mfg. Co. ("Albano" for White Shoe), Dept. H, Trenton, N. J.
American Oleite Sales Co. ("Oleite"), 1404 North Park pl, St. Louis, Mo.
American Shoe Polish Co. ("Eagle" for Black, Suede, Kid & White Canvas), 20th & Troy, Chicago, Ill.
Ampt Chas. F. Co. (Polish), 112 E Water, Cincinnati, O.
Archibald Mfg. Corp, Rochester, N. Y.
Bixby S. M. & Co. ("Bull Frog," "Three Bee," "Best," Blackings, "Royal," "Jet Oil," Polishes, "Shuwhite" White, "Satinola" Tan, "Shoe Satin," Bixola), 46th & 2d av, Brooklyn, N. Y.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Blichert P. A. Mfg. Co., 190 13th, Jersey City, N. J.
Brown B. F. & Co., 137 Fulton, Boston, Mass.
Burckard Blacking & Oil Co. ("Okolite"), 1322 Greenmount av, Baltimore, Md.
Callaway Wm. E. (Polishes), 61 Wilkinson av, Jersey City, N. J.
Cleveland Alden T. Mfg. Co., 125 Broad, Boston, Mass.
Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.
Cox A. F. & Son ("Mohawk" Waterproof), Portland, Me.
Cummings G. R., Jr., & Co., 132 Reed, Milwaukee, Wis.
Dalley F. F. Co. ("2 in 1" Polish), Buffalo, N. Y.
Dennehy Bros., Brocton, Mass.
Eclipse Cement & Blacking Co., 1240H Belmont av, Phila., Pa.
Everett & Barron Co. ("U-N-O," "Trilby"), 359 Eddy, Providence, R. I.
Fulton Shoe Polish Co., 289 Pearl, New York
Hauthaway C. L. & Sons, 346 Congress, Boston, Mass.
Herriott Shoe Polish Co., 2801 N B'way, St. Louis, Mo.
Hollingshead R. M. Co. ("Shulife" Shoe Dressing, Camden, N. J.
Kepec Co., 476 4th, Milwaukee, Wis.
Manhattan Shoe Polish Co., 367 Hamilton av, Brooklyn, N. Y.
Martin & Martin ("E-Z" Polishes Only), 3005 Carroll, Chicago, Ill.
Mason Jas. S. Co. (Polish & Blacking, "Challenge"), 136 N Front, Phila., Pa.
Miller Frank Co. ("Gem," "Crown," "Paragon," "Peerless," "Empire," "Kibosh"), 349 W 26th, New York
No Wet Mfg. Co., 13 W Kinzie, Chicago, Ill.
Prescott J. L. Co., 92 W Bway, New York
Preservo Polish Co., Kansas City, Mo.
Robb C. L. Mfg. Co., Bellefontaine, O.
Shinola Co., Rochester, N. Y.
Stinson B. F. & Co., Buffalo, N. Y.
Superior Polish Co., Brockton, Mass.
Thompson Ferd & Co., Rockland, Mass.
Whittemore Bros. Corp. ("Gilt Edge," "French Gloss," "Elite," "Dandy," "Star," "Midget," "Quick White," "Albo," "Big Four," "Chic," "Bully Shine," "Superb," "Raven"), Cambridge, Mass.
Wood Geo. H. Corp., 146 Summer, Boston, Mass.
World Polish Mfg. Co. ("Blackola"), York, Pa.
Yankee Polish Co., 64 Cortlandt, New York

13545— Shoe Goring

Boston Gore & Web Co. (Elastic), Chelsea, Mass.
Dyer Chas. N., Haverhill, Mass.
Glendale Elastic Fabrics Co. (Elastic), Easthampton, Mass.
Taylor Thos. & Sons (Elastic), Hudson, Mass.

13546—*Shoe Horns (Fibre)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works, Marshallton, Del *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del.

13547— Shoe Horns (Metal)

Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Sommer J. L. Mfg. Co., Newark, N. J.

13547a— Shoe Lasts (Wooden)

Brockton Last Co., Brockton, Mass.
Dayton Last Works, Dayton, O.
Gardiner Thos. W. & Sons, Lynn, Mass.
Golbert Last Co., Worcester, Mass.
Masterson Bros., Brockton, Mass.
Mawhinney Last Co., Brockton, Mass.
Porter S. & Co., 25 Union, Worcester, Mass.
Rebhun Last Co., 1728 Dana av, Cincinnati, O.
Rochester Last Works, Rochester, N. Y.
Sturgis-Jones Last Co., Brockton, Mass.
Vulvan Last Co., Portsmouth, O.
Woodard & Wright Last Co., Brockton, Mass.

13548-9—Shoe Lasts & Stands

Adams Co., Dubuque, Ia.
Badger Malleable & Mfg. Co. (Malleable, Iron), South Milwaukee, Wis.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Brandenburg Cobbling Supply Co. (Cast Iron), 1335 N Clark, Chicago, Ill.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Coulter Mfg. Co., 325 Arch, Phila., Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Fate Root-Heath Co. ("Plymouth," Revolving "Universal," "Acme," "Heavy A," "Guaranteed Perfection," "Hercules," Wedge Top, "Buckeye" Combination, Malleable Sap, etc.), Plymouth, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle John C. Foundry Co. ("Eclipse," "St. Louis" & "Paragon,"), 1st & Wright, St. Louis, Mo.
McMahon & Hickey, Ellicottville, N. Y.
Nicol & Co. ("Porter's"), 218 N Jefferson, Chicago, Ill.
Roanoke Iron & Bridge Works, Inc. ("O. K."), Roanoke, Va.
Sacks Louis ("Star"), Wilson av, Newark, N. J.
South Bend Foundry Co., South Bend, Ind.
Stowell Co., The (Cast & Malleable Iron), S Milwaukee, Wis.
Wrightsville Hardware Co. ("Columbia & Brighton" Cast Iron), Wrightsville, Pa.

13550— Shoe-Trees

American Cutlery Co. (Steel), 764 Mather, Chicago, Ill.
Anderson A. R. & Co. ("Fitall"), Arlington, N. J.
Bogert & Hopper Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Bridgeport Metal Goods Mfg. Co. ("R. P. K." Aluminum & Steel, Slipper), Bridgeport, Conn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Kennebunk Mfg. Co. ("Spaulding's Fether-Lyte"), Milton, N. H.
R. P. K. Pressed Metal Co. (Aluminum), Bridgeport, Conn.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13551-2— Shoes (Aluminum)

American Metal Shoe Co., Racine, Wis.

13553—Shoes (Baseball & Athletic)

Claflin Waldo M. ("Claflin"), 1107 Chestnut, Phila., Pa.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Rawlings Mfg. Co. ("Rawlings"), 23d & Lucas av, St. Louis, Mo.
Spaulding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.
Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

13554-5—Shoes (Casing, Oil & Gas Well)

Associated Well Supply Co. Inc., 111 Broad, New York *See adv index at end of book*
Continental Supply Co., 1139 Oliver, St. Louis, Mo.
Herron R. H. Co., 934 N Alameda, Los Angeles, Cal.
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*
Lucey Mfg. Corp., 233 B'way, New York *For branch offices see Alphabetical Section*
National Supply Co. (Oil Well), Union Bank bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Union Tool Co., Torrance, Cal.

Shoes (Conductor Pipe)

See Elbows & Shoes, Conductor, Pipe

13556— Shoes (Drive)

Dobbins Core Drill Co. Inc., 147 W 42d, New York
Mark Mfg. Co., Evanston, Ill.

13557—Shoes (Horse, Rubber)

Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Peerless Rubber Horseshoe Co. ("Peerless"), 1014 S Kildare av, Chicago, Ill.
Powers Rubber Horseshoe Co. ("Powers"), 1700 N Kostner av, Chicago, Ill.
Revere Rubber Co., Chelsea, Mass.

13558—Shoes (Horse & Mule)

American Horse Shoe Co. (Horse & Mule), Phillipsburg, N. J.
AMERICAN STEEL & WIRE CO. ("Juniata" Horse & Mule Shoes; also Toe & Heel Caulks), 208 S La Salle, Chicago, Ill.
Bryden Works ("Bryden"), Catasauqua, Pa.
Burden Iron Co., Troy, N. Y.
Challoner Co., Oshkosh, Wis.
Champion Horse Shoe Co., Pawtucket, R. I.
Cincinnati Horse Shoe & Iron Co. (Horse & Mule), Cleves, O.
Cray Bros. ("Cray" Iron Shoe), 1111 W 11th, Cleveland, O.
Diamond Calk Horse Shoe Co., Duluth, Minn.
Fibre Cushion Horse Shoe Co. ("Saxton's" Fibre Cushion), 88 New Chambers, New York
Fruin Drop Forge Co. ("Fruin-Tobin"), 347 Root, Chicago, Ill.
Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.
Mfrs. Iron & Steel Co. ("Bryden," "Boss") New Brunswick, N. J.
Old Dominion Iron & Steel Corp. ("Hammer Brand"), Belle Isle, Richmond, Va. *See adv index at end of book*
Phoenix Horse Shoe Co. ("Phoenix"), 209 S La Salle, Chicago, Ill.
Rowe Calk & Chain Co. (Cat-Foot & Asphalt), Plantsville, Conn.
Side Weight Horse Shoe Co. ("Hartford" Side Weight Horse), Mechanic, Hartford, Conn.
Standard Horse Shoe Co., Boston, Mass.
Tredegar Co., ft 5th, Richmond, Va.
United States Horse Shoe Co. ("U. S." Horse), Erie, Pa.
Williams Drop Forging Co. ("Williams" Cantslip), Scranton, Pa.

13558a— *Shoes (Ladder)

American Mason Safety Tread Co. (Carborundum Filled), Lowell, Mass.
HARKER MFG CO. ("Queen"), 121-123 W Third, Cincinnati, O. *See adv index at end of book*

13559—Shoes (Molders' or Founders')

Braudau Shoe Co., 1357H Sherman, Detroit, Mich.
Johnson C. W. (Asbestos Shoe), Natick, Mass.
Williams Arthur A. Shoe Co., Holliston, Mass.

13560— Shoes (Ox)

Scranton Forging Co., Scranton, Pa.
See adv index at end of book
Woodruff W. W. & Sons Co., Mount Carmel, Conn.

13561— Shoes (Plank)

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

13562-3—Shoes (Scalping & Cleaning)

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. (For Grain, Beans & Peas), Silver Creek, N. Y.

Shoes (Sleigh)

See Shoes, Wagon & Sleigh

13564—Shoes (Sliding Furniture)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainard & Wilson Co. ("B. & W."), Danbury, Conn.
Evergrip Gliding Caster Co. ("Evergrip"), 261 Canal, New York
G. G. G. Metal Stamping Co. ("Roll-E-Z"), Warren, Pa.
Gould-Mesereau Co. ("Times"), 52 W 38th, New York
Grand Rapids Furniture Co., Grand Rapids, Mich. *See adv index at end of book*
Hatheway Mfg. Co. ("Knob-E-Knob" for Chairs), Dept. H, Bridgeport, Conn.
Onward Mfg. Co. ("Onward"), Menasha, Wis.
Peabody Henry W. & Co. ("Domes of Silence," "U. S. A.," "Ho"), 17 State, New York
Turner & Stanton Co. ("Slidewell"), Norwich, Conn.
Victor Caster Co. ("Victor" Caster, "Nob-E-Nob" Glide), Bridgeport, Conn.
Watertown Table-Slide Co., Watertown, Wis.

13565— Shoes (Tennis)

American Rubber Co., 130 Essex, Boston, Mass.
Boston Rubber Shoe Co., 130 Essex, Boston, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Goodyear Rubber Co. (Rubber), 539 Mission, San Francisco, Cal.
See adv index at end of book
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
National India Rubber Co., Bristol, R. I.
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.

13566—Shoes (Wagon & Sleigh)

Barber Mfg. Co., Ashtabula, O.
Munnsville Plow Co., Munnsville, N. Y.

13567— Shoes (Wood Sole)

Marion Malleable Iron Works (Any Size, Type or Pressure), Marion, Ind.
Riemer A. H. Shoe Co., 431 29th, Milwaukee, Wis.
Vanderslice-Stahmer Shoe Co., Davenport, Iowa

13568— Shoes (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fellrath John B. Co., Fond du Lac, Wis.
Novelty Wooden Shoe Co., Holland, Mich.

13569—Shoes & Dies (Stamp Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Forge Works, Denver, Colo.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Chester Steel Castings Co., 407 Sansom, Phila., Pa., & Chester, Pa.
Chrome Steel Works (Adamantine), Chrome, N. J.
Colorado Iron Works Co., Denver, Colo.
Denver Eng. Works Co., Denver, Col.
Gray Iron Fdry. Co., Reading, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
National Steel Casting Co., Montpelier, Ind.
Pennington Geo. W. Sons (Hammered), 1699 Montgomery, San Francisco, Cal.

13570— Shooks (Box)

Acme Box Co., 1401 W 21st pl, Chicago, Ill.
Acme Box Co., Omaha, Neb.
Acushnet Saw Mills Co., Acushnet, Mass.
Adkins E. S. & Co., Salisbury, Md.
Allegheny Box Co. (Exp.), 601 Byrd, Richmond, Va.
Alliger Box & Lumber Co., No. Tonawanda, N. Y.
Am. Blakeslee Mfg. Co., Birmingham, Ala.
American Box & Lumber Co., Norfolk, Va.
Anderson-Tully Co. (Gum & Cottonwood), Memphis, Tenn.
Andrews O. B. Co., Chattanooga, Tenn.
Anson Gilkey & Hurd Co. (Pine, Hemlock & Hardwood), Merrill, Wis.
Astoria Box Co. (Exp.), Astoria, Ore.
Atwood & McManus Box Co., Chelsea, Mass.
Badger Box & Lumber Co. (Exp.), Grand Rapids, Wis.
Bailey Lumber Co., Suncook, N. H.
Barnes E. H. Co., 61 B'way, New York
Bartlett Box & Lumber Co., Westboro, Mass.
Bath Box Co., Bath, Me.
Bay City Box & Crate Co., Bay City, Mich.
Berkley Box & Lbr. Co., Norfolk, Va.
Biddleford Box Co., Biddleford, Me.
BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Bradley, Miller & Co. (White Pine, Hardwood or Basswood), Bay City, Mich.
Branning Mfg. Co., Edenton, N. C.
Breault M. Co., Cohoes, N. Y.
Brown Co., Portland, Me.
Brown-Mitchison Co. (Shooks & Cratings), Marinette, Wis.
Buffalo Box Factory (Exp.), Buffalo, N. Y.
Cady George L. & Sons, Lowell, Mass.
Carrier Lumber & Mfg. Co. (Gum), Sardis, Miss.
Carter J. A., Petersham, Mass.
Chaffee Bros. Co. (Exp.) (By Car Lots), Oxford, Mass.
Chapman & Dewey Lumber Co., Rialto bldg, Kansas City, Mo.
Cheney Frank P., Lowell, Mass.
Chicago Mill & Lpmber Co., 111 W Washington, Chicago, Ill.
Church Lumber Co. (N. C. Pine Lumber), Ronda, N. C.
Cleveland Box Co., Cleveland, O.
Cohn & Bock Co., Princess Anne, Md.
Columbia Box & Lumber Co., South Bend, Wash.
Conant F. R. Co., Auburn, Me.
Conway Lumber Co., Conway, N. H.
Crosman G. A. & Sons Co., Deering Gate, Portland, Me.
Davis Henry D. Lumber Co., Northwest Bank bldg, Portland, Ore.
Dent & Russell Inc., Northeastern Bank bldg, Portland, Ore.
Dodge & Bliss Co., W. End, Jersey City, N. J.
Duker J. H. Box Co., Aliceanna cor Eden, Baltimore, Md.
Dunning-Varney Corp. (Pine, Spruce, Hemlock, etc), 99 Warren, New York
East Brooklyn Box Co. (Yellow Pine, Poplar & Gum), East Brooklyn Md.
Eastman-Gardiner & Co., Laurel, Miss.
Ellington & Guy (Va. Sap Pine), 611 Times-Dispatch bldg, Richmond, Va.
Ellis E. W. Lumber Co., Grand Rapids, Wis
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Fenton & Sons, Box & Lumber Co., North Tonawanda, N. Y.
Fidalgo Lumber & Box Co. (Exp.), Anacortes, Wash.
Forrester-Nace Box Co., 80 Wyoming, Kansas City, Mo.
Friedlander Box Co., 1300H W Lake, Chicago, Ill.
Gale Conrad H., Tulley, Mass.
Gibson G. N. & Sons, West Stockholm, N. Y.
Globe Packing Box Co., Washington & I. C. R. R., New Orleans, La.
Goodwillie Bros. (Pine & Basswood, Hemlock & Hardwood), 10 La Salle, Chicago, Ill.
Gray's Harbor Commercial Co. (Spruce), ft. of 3rd, San Francisco, Cal.
Great Western Lumber Co., 268 Market, San Francisco, Cal.
Great Western Lumber Co., Leavenworth, Wash.
Green A. H. Co., 97 Warren, New York
Green Bros. Box & Lumber Co., Rockford, Ill.
Griggs D. B. & Sons, Chicopee Falls, Mass.
Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.
Handy Bros., Bay City, Mich.
Harroun J. E. & Son, Watertown, N. Y.
Hasty J. F. & Sons, 21st & Standish, Detroit, Mich.
Heidt C. & Son, 64 Fairmount av, Jersey City, N. J
Himmelberger-Harrison Lumber Co. (Gum, Oak. etc), Morehouse, Mo.
Holston Box & Lumber Co. (Tenn. Yellow Poplar), Knoxville, Tenn.
Hoquiam Sash & Door Co., Hoquiam, Wash.
Hutton & Bourbonnais Co., Hickory, N. C.
Jeffreys-Spaulding Mfg. Co., Chase City, Va.
Jordan Lumber Co., Old Town, Me.
Kaiser John H. Lumber Co., Eau Claire, Wis.
Kenfield Lamoreaux Co. (Also Crating Shooks & Heading), Conway bldg, Chicago, Ill.
King-Ryder Lumber Co., Bonami, La.
Kress F. J. Box Co. (Shooks & Cratings), 2930 Liberty av, Pittsburgh, Pa.
Lansing Co. (Gum & Cottonwood), Lansing, Mich.
Lawrence Lumber Co., Lawrence, Mass.
Lea David M. & Co. (Pine), 1923 E Main, Richmond, Va.
Lindermann Box & Veneer Co., Eau Claire, Wis.
Long-Bell Lumber Co. (Yellow Pine), Kansas City, Mo.
Lunan J. & Sons, Fall River, Mass.
McFerson & Foster Co. (Cottonwood, Poplar & Gum), Evansville, Ind.
Malvern Lumber Co. (Shooks & Crating), Chemical bldg, St. Louis, Mo.
Marinette & Menominee Box Co. (White Pine Shooks & Crates, in Carload Lots), Marinette, Wis.
Marquette Box & Lumber Co. (Pine, Hemlock, Birch, Maple, etc), Marquette, Mich.
Melendy C. F., Nashua, N. H.
Mengel E. T., Bay City, Mich.
Mershon Eddy Parker Co. (Exp.), Saginaw, Mich.
Michigan Truck & Lumber Co. (Exp.), Holly, Mich.
Millard Lumber Co., New Hamburg, N. Y.
Miller Lumber Co., Marianna, Ark.
Moore & McFerren (Gum & Cottonwood), Memphis, Tenn.
Morrison Mill Co., Bellingham, Wash.
Newman J. J. Lumber Co. (Gum, Poplar & Pine), Scranton, Pa.
Nickless W. H., Bay City, Mich.
Northern Pine Crating Co. (Crating Shooks), Cass Lake, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
Page Geo. G. Box Co., Cambridge, Mass.
Paine Lumber Co. (Ltd.), Oshkosh, Wis.
Parsons Mfg. Co., Chelsea, Mass.
Peart Nields & McCormick Co. (North Carolina Pine), Harrison bldg, Phila., Pa.
Peirce W. E. & Co., Milford, N. H.
Peninsular Box & Lumber Co., Menominee, Wis.
Peterson Bell & Co., Clinton, Ia.
Pierpont Mfg. Co. (Shooks & Crates), Savannah, Ga.
Pingree D. W. Co., Lawrence, Mass.
Pope-Cannon Box Co., Geneva, Ill.
Presbrey A. A. & Son Co., Summer, Providence, R. I.
Prescott Frauk R., Meredith, N. H.
Rathborne, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.
Red River Lumber Co. (Pine), 807 Hennepin av, Minneapolis, Minn.
Rice H. H. Co., South Athol, Mass.
Richards O. S., Inc., 87 34th, Brooklyn, N Y
RICHARDS SHOOK CORP., 23 W 44th, New York
Rittler Box Co., 621 S Caroline, Baltimore, Md.
Ross Lumber Co., Knoxville, Tenn
Rust-Owen Lumber Co. (Wisconsin Cork Pine), Drummond, Wis.
Sacramento Timber & Box Co., 268 Market, San Francisco, Cal.
Saginaw & Manistee Lumber Co., Williams, Arizona
St. Croix Paper Co., 244 Washington, Boston, Mass.
Seler Mill Co. (Spruce), Raymond, Wash.
Soper Lumber Co. (Pine, Hemlock, etc.), 2204 Loomis, Chicago, Ill.
Stevens Point Box & Lbr. Co., Stevens Point, Wis.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stone R. B. & Co. (Exp.), Spencer, Mass.
Superior Box Co., Superior, Wis.
Surry Lumber Co. (N. C. Pine, Poplar & Gum), Union Trust bldg, Baltimore, Md.
Swayne Lbr. Co., Oroville, Cal.
Talbot Bros. & Horton Co., Grosvenor bldg, Providence, R. I.
Thompson G. A. & Sons, Hurlock, Md.
Treworgy Charles J., Ellsworth Falls, Me.
United Box & Lumber Co., Rochester, N. H.
Vance E. J. Box Co. (Ltd.), (Exp.), Bay City, Mich.
Varney Isaac & Sons Co. (Exp.), Fall River, Mass.
Verdi Lumber Co., Verdi, Nev.
Virginia Lumber & Box Co. (Shooks & Cratings), Petersburg, Va.
Ward-Kent Co. (Gum), Greenfield, Tenn.
Warlick Lbr. Co., Gilkey, N. C.
Wausau Box & Lumber Co., Wausau, Wis.
White, Gratwick & Mitchell, No. Tonawanda, N. Y.
Wilson Lumber & Box Co., Tonawanda, N. Y.
Wing-Engel Box Co., Old Town, Me.
Wood E. K. Lumber Co., 112 Market, San Francisco, Cal.
Woodstock Mfg. Co., Dept. H, Rochester, N. Y.
Yeomans Box Co., 274 Wight, Detroit, Mich.

13571—Shooks (Tub, Bucket, Etc.)

Hamlen J. H. & Son, Portland, Me.
Langeland Mfg. Co. (Box), Muskegon, Mich.
Riggs Cypress Co. (Ltd.) (Also for Washing Machines, Ice Cream Freezers), Patterson, La.

13572—Shooting Galleries (Mechanical)

Mangels Wm. F. Co. (Steel), 2863 W 8th, Brooklyn, N. Y.
Mueller F. C. & Co., 1702 N Western av, Chicago, Ill.
Parker C. W., Leavenworth, Kans.
Smith A. J. Mfg. Co., 3247 W Van Buren, Chicago, Ill.

13573—Shooting (Oil & Gas Well)

Am. Glycerin Co., Dept. H, Wilmington, Del.
Marietta Torpedo Co., Dept. H, Marietta, Ohio
Ohio Torpedo Co., Steubenville, O.

13574— Shot (Copper)

American Boron Products Co., Inc. (Boronic), Reading, Pa.
American Oil & Supply Co. (For Mfg. Jewelers), 238 Wilson av, Newark, N. J.

13575— Shot (Lead)

American Smelters Securities Co., 201 1st, San Francisco, Cal.
Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.
Luston Process Co. (Buck Shot & Lead Bullets), Scranton, Pa.
Hoyt Metal Co., Boatmens' Bank bldg, St. Louis, Mo.
Lawrence Shot & Lead Co., Omaha, Neb.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Selby Smelting Works, (Drop, Chilled, etc), 201 1st, San Francisco, Cal.
Sperry D. R. & Co. (Black Finish), Batavia, Ill.
United Lead Co. ("Tatham's"), 111 B'way, New York

13575a—*Shot (Monel Metal)

STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
WILLIAMS & CO., INC. (We sell Monel Metal Shot for making Castings, High-grade Material; Prompt Delivery), 901-937 Pennsylvania av, N. S., Pittsburgh, Pa. *See adv index at end of book*

WILLIAMS & CO. INC.
PITTSBURGH, PA.

13576— Shot (Nickel)

International Nickel Co. (High & Low Carbon), 67 Wall, New York
STEEL SALES CORP., 129 S Jefferson, Chicago, Ill.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
United States Nickel Co., New Brunswick, N. J.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS & CO. INC., 901-937 Pennsylvania av, N S Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

13577— Shot (Steel Chilled)

Globe Steel Co. ("Globe," Shot, Grit & Abrasives, also "H. C." Polishing Shot), Mansfield, Ohio
Harrison Supply Co. ("New Process"), 209 Washington, Boston, Mass.
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Townsend, Townsend & Co. (Importers), 453 W 21st, New York

13578—Shot (Steel, Sand Blast)

Bowers R. C. Granite Co., Montpelier, Vt.
Globe Steel Co. ("Globe" Chilled Steel), Mansfield, O.

13579— Shot (Throwing)

Sperry D. R. & Co. (Black Finish), Batavia, Ill.

13580—Shovel, Spade & Scoop Mfrs.

See also Shovel & Spade Manufacturers
American Mfg. Co. ("Panama," "Suez," "Erie," "Handy-Andy"), Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, O.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Baldwin Tool Works (Vanadium), Parkersburg, W. Va.
Beall Bros., Alton, Ill.
Belknap John A., Anamosa, Ia.
Central Stamping Co. (Family Grocers Scoops), 172 Fulton, New York
Chisholm's Wm. Sons Co., 1588 E 40th, Cleveland, O.
Collins Co., Collinsville, Conn.
COLONIAL SUPPLY CO. (Shovels), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Conneaut Shovel Co. ("Magyar," "Mik Kola," "Ronberg"), Conneaut, O.
Fairbanks Co. ("Fairbanks"), 416 Broome, New York.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hills Edwin, Plainville, Conn.
Hubbard & Co., ("Hubbard," "Wier," "Buck," "Rankin," "Wilson"), 63rd & Butler, Pittsburgh, Pa.
Indiana Rolling Mill Co., New Castle, Ind.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Maynard C. A., Northampton, Mass.
Neal B. B. Hardware Co. ("Yankee toothed"), 117 Leonard, New York
Ohio Shovel & Stamping Co. ("Bull Frog" Brand), Dover, O.
Osborn Mfg. Co. (Coal Shovels), 5401 Hamilton av, Cleveland, O.
Owensboro Shovel & Tool Co. ("McCulloch," "Owensboro," "Kentucky," "Handy Andy"), Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Gage & Supply Co. (Jobbers "Best-Ov-all," Contractors'), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
ROCHESTER CAN CO. ("Iron Horse" Coal, Ashes, Snow, Barn), 89 Hague, Rochester, N. Y.
See adv index at end of book
Russel J. C. Shovel Co., 336 4th av, Pittsburgh, Pa.
Sommer John Faucet ("Malt" Wood Shovels & "Grain" Wood Scoops), 355 Central av, Newark, N. J.
Swineford G. A. Co., Canton, O.
Union Furnace Mfg. Co., Union Furnace, Pa.
Waynesburg Pressed Steel Co., Waynesburg, Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*
Wyoming Shovel Works, Wyoming, Pa.

13581— Shovels (Bakers')

Conneaut Shovel Co., Conneaut, O.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh. Works: Leechburg, Pa.
Watkins Jas. Y. & Son, 20 Catherine, New York
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13582-3— Shovels (Cinder)

Conneaut Shovel Co. ("Conneaut"), Conneaut, O.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jesup F. W. Inc., 90 W B'way, New York
Lalance & Grosjean Mfg. Co. ("Cottage" Japanned), 299 B'way, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

Shovels (Coal)

See Shovel, Spade & Scoop Mfrs.

13584— Shovels (Concrete)

Conneaut Shovel Co. ("Mikkola" Patent "Ronberg"), Conneaut, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jesup F. W. Inc., 90 W B'way, New York
Neal B. B. Hardware Co. ("Yankee-toothed"), 117 Leonard, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13585— Shovels (Cultivator)

Albright Jas. H. & Sons, Mifflinburg, Pa.
Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
American Shovel & Stamping Co., Lorain, Ohio
Avery B. F. & Sons, Louisville, Ky.
Cambria Steel Co., Widener bldg, Phila, Pa.
Case J. I. Plow Works, Racine, Wis.
Crescent Forge & Shovel Co., Havana, Ill.
Gale Mfg. Co., Albion, Mich.
Hench & Dromgold Co., York, Pa.
Madison Plow Co., Madison, Wis.
Mason F. C. & Co., St. Johns, Mich.
Noll Bros., 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Star Mfg. Co., Carpentersville, Ill.

13585a— Shovels (Dirt)

Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Osborn Mfg. Co., 5401 Hamilton av, Cleveland, O.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13586—Shovels (Electric Power)

American Steel Dredge Co., Ft. Wayne, Ind.
Ball Engine Co., Erie, Pa.
Bucyrus Co., South Milwaukee, Wis.
Marion Steam Shovel Co., P O Box 505, Marion, O.
Thew Shovel Co., Dept. H, Lorain, O.

13587— Shovels (Fire)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Central Stamping Co., 174 Fulton, New York
Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.
Fanner Mfg. Co., Cleveland, O.
Geuder, Paesche & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Jesup F. W. & Co., Inc., 90 W B'way, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York
New York Stamping Co. ("Edger's"), N 11th & Berry, Brooklyn, N. Y.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" Railroad & Traction), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
Union Furnace Mfg. Co., Union Furnace, Pa
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13588—Shovels (Gasoline for Power)

Bay City Dredge Works, Bay City, Mich.
Fairbanks Steam Shovel Co., Marion, O.
Marion Steam Shovel Co., P O Box 505, Marion, O.

Shovels (Irrigating)

See Shovels, Steam

13589— Shovels (Lime)

American Mfg. Co., Chattanooga, Tenn.
Conneaut Shovel Co., Conneaut, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.) (Cast Steel), 222 Race, Phila., Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13590—Shovels (Mining Machine)

American Mfg. Co., Chattanooga, Tenn.
Beall Bros., Alton, Ill.
Conneaut Shovel Co. ("Magyar Unions"), Conneaut, O.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Marion Steam Shovel Co., P O Box 505, Marion, O.
Myers-Whaley Co., Knoxville, Tenn.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Union Furnace Mfg. Co., Union Furnace Pa.
WOOD SHOVEL & TOOL CO. THE (Ore), Piqua, O. *See adv index at end of book*

13591— Shovels (Moulders')

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain Ohio
Beall Bros., Alton, Ill.
Conneaut Shovel Co., Conneaut, O.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Ohio Shovel & Stamping Co., Dover, Ohio
Osborn Mfg. Co., 5401 Hamilton ave, Cleveland, O.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh. Works: Leechburg, Pa.
Stevens Frederic B., 3rd & Larned, Detroit, Mich. *See adv index at end of book*

WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

13592—Shovels (Power, Grain)

Chain Belt Co., Milwaukee, Wis.
Great Western Mfg. Co., Leavenworth, Kans.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill.
Webster Mfg. Co., 4500-60 Cortland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner, Chicago, Ill.
Wolf Co. ("Clark" Automatic), Chambersburg, Pa.

13592a— *Shovels (Scoop)

See also Shovel, Spade & Scoop Mfrs.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13593— Shovels (Sewer)

American Mfg. Co., Chattanooga, Tenn.
Ball Engine Co. (Revolving Steam), Erie, Pa.
Conneaut Shovel Co. (D & Long Handle, Round Point), Conneaut, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13594— Shovels (Sink)

Brown W. G. Mfg. Co., Kingston, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.

13595— Shovels (Snow)

Aldrich B. W. & Co. ("Adams," "Hoadley," "Popular"), Wallingford, Vt.
American Shovel & Stamping Co. (Steel), Lorain, O.
Beall Bros., Alton, Ill.
Buffalo Metal Furniture Mfg. Co. (Steel & Galvanized), Buffalo, N. Y.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hills Edwin, Plainville, Conn.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Kohler F. E. Co., Canton, O.
Ohio Shovel & Stamping Co., Dover, Ohio
Owensboro Shovel & Tool Co., Owensboro, Ky.
Owosso Mfg. Co. (Galvanized Steel Blade also Wood), Owosso, Mich.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Prentice F. W. & Co., Adrian, Mich.
Rugg Mfg. Co. ("Rugg," Wood & Steel, Galvanized & Toy), Greenfield, Mass.
Sweet A. H. & Son, Norton, Mass.
Swineford G. A. Co. (Seamless, Flat & Hollow Back), Canton, O

13596— Shovels (Steam)

See also Buckets, Clam Shell, Etc.
American Steel Dredge Co., Ft. Wayne, Ind.
Ball Engine Co. (Revolving), Erie, Pa.
Browning Co., E 162d & Waterloo rd, N. E., Cleveland, O.
Bucyrus Co. ("Atlantic," "Bucyrus" & Also Electric), South Milwaukee, Wis.
Duncan (The) Co., 508 Water, Toledo, O.
Fairbanks Steam Shovel Co., Marion, O.
Green L. A., First National Bank bldg, Pittsburgh, Pa.
Hadfield-Penfield Steel Co. The, Bucyrus, O. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jesup F. W. & Co., Inc., 90 W B'way, New York *See adv index at end of book*
KEYSTONE DRILLER CO. ("Keystone") Beaver Falls, Pa.
See adv index at end of book
KLEINHANS H. CO. (Second Hand), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
MACHINERY SALES CO., 327 S La Salle, Chicago, Ill. *See adv index at end of book*
Marion Steam Shovel Co., P O Box 505, Marion, O.
Moore Bros. (Second Hand), 39 S La Salle, Chicago, Ill. *See adv index at end of book*
Osgood Co., Marion, Ohio
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Roanoke Iron Works, Roanoke, Va.
Souther John & Co., 101 Tremont, Boston, Mass.
Thew Shovel Co., Dept. H, Lorain, O.
Toledo Foundry & Machine Co. ("Victor"), Toledo, O.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13597—Shovels (Steam, Second-Hand)

Apex Equipment Co., 63 Wall, New York
Dunkle Arthur J. Co., 50 Church, New York
Males Co., 2226 Fulton av, Cincinnati, O.
Mitshkun M. Co., 985 Dix, Detroit, Mich.
Shaw Willis, 80 E Jackson Boul., Chicago, Ill.
Torbert A. C. Equipment Co., 208 S La Salle, Chicago, Ill.
Warner P. B., Sedamsville, Cullums Station, Cincinnati, O.
Watson Jno. B., Witherspoon bldg, Phila, Pa.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

13598— Shovels (Tamping)

Conneaut Shovel Co., Conneaut, O.
Fisher & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

13599— Shovels (Telegraph)

See Also Spoons, Digging
Beall Bros., Alton, Ill.
Columbus Handle & Tool Co. (Post Hole, Reinforced Handle), Columbus, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier Ind.
Jesup F. W. & Co., Inc., 90 W B'way, New York
Owensboro Shovel & Tool Co., Owensboro Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co. Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

Tougher, Stronger, Lighter Shovels

List No. W 82



List No. 3 W 2



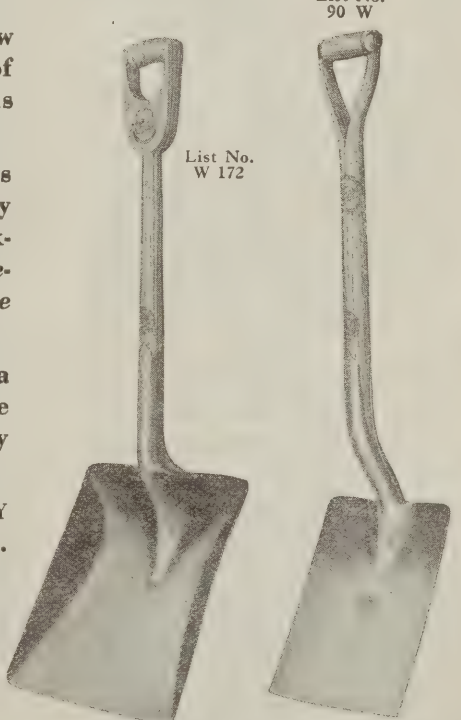
THE use of Mo-*lyb*-den-um Steel now makes possible the production of tougher, stronger, lighter shovels than were ever before possible.

Wood's Mo-*lyb*-den-um Shovels wear almost imperceptibly. They stand constant shocks without nicking, breaking or cracking. They *reduce* shovel costs because they *increase* shovel life.

Whether you buy a dozen or a thousand dozen of these shovels, we guarantee their *uniform* quality throughout.

THE WOOD SHOVEL & TOOL COMPANY
Piqua, Ohio U. S. A.

List No. 90 W



List No. W 172



Wood's Mo-lyb-den-um Shovels
The American Super Steel

1257

13599a— *Shovels (Track)

Frick & Lindsay (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13600—Shovels & Spades (Drain & Tiling)

American Mfg. Co., Chattanooga, Tenn.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Boss Tile Spade Co., Anamosa, Ia.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Iwan Bros. ("Iwan's" Open Back & Skeleton), South Bend, Ind.
Ohio Shovel & Stamping Co., Dover, Ohio
Osmundson Spade Mfg. Co. ("King"), Perry, Iowa
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

13601— Show Cases

American Show Case Co., 289 Greenpoint av, Brooklyn, N. Y.
Ammann Mfg. & Construction Co., 155 av D, New York
Atlanta Show Case Co., Atlanta, Ga.
Atlantic Show Case Co., 438 73rd, Brooklyn, N. Y.
Barlow Co., Holyoke, Mass.
Beardslee-Graham Show Case Co., Seattle, Wash.
Becker P. A. Co., 132 Cumberland, Brooklyn, N. Y
Bisle, Chas. F. & Sons Co., 381 W 12th, New York
Blitz Bros., 450 N Hermitage av, Chicago, Ill.
Bodach Chas. & Sons, 314 S Franklin, Chicago, Ill.
Bryan Show Case Co. (Also Bread Cases), Bryan, O.
Columbus Show Case Co. (Also All Glass), 423 N Grant av, Columbus, O.
Cox S. S. Show Case Co., N Manchester, Ind.
Crane Glass & Mfg. Co. (All Glass), 206 St. Clair av, Cleveland, O.
Dallas Show Case & Mfg. Co., Dallas, Tex.
Decatur Fountain Co., Decatur, Ill.
Detroit Show Case Co. ("Silent Salesman"), 1670H Fort W, Detroit, Mich.
Detroit Store Fixture Co., 16 Catharine, Detroit, Mich.
Diamond Show Case Co., 2210 Superior, N W, Cleveland, O.
Duluth Show Case Co., Duluth, Minn.
Dutch A. & Co., 148 Seneca, Buffalo, N. Y.
Ehrlich, H. & Sons Mfg. Co., St. Joseph, Mo.
Fox Z. F. & Son, Freeport, Mich.
Friedland B. Co., 281 Butler, Brooklyn, N. Y.
Ganter F. X. Co., c Sharp & Ostend, Baltimore, Md.
Geissler Chas. C., 62 N 4th, Phila., Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Glaser Rohrer & Co., 502 E 74th, New York
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Grand Rapids Show Case Co., Grand Rapids, Mich.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Hill C. V. & Co. (Refrigerated), 360H Pennington, Trenton, N. J.
Himmel M. L. & Son ("Brilliant Ideal"), 113 Gay, Baltimore, Md.
Houston Show Case & Mfg. Co., Houston, Tex.
Huck Mfg. Co., Quincy, Ill.
Illinois Show Case Works (Inc.), 1735 N Ashland av, Chicago, Ill.
Jackson A. R. Kansas City Show Case Works Co., 620 E 3rd, Kansas City, Mo.
Jones James H. S., 39 William, Bridgeport, Conn.
Jorgeson F. C. & Co., 159 N Ann, Chicago, Ill.
Kawner Mfg. Co. (Metal), Niles, Mich.
Knittel Joseph Show Case Co., Quincy, Ill.
Lutke Mfg. Co., 6th & Hoyt, Portland, Ore.
Lyons Hugh & Co., Lansing, Mich.
McLean W. B. Mfg. Co., 729 Herron av, Pittsburgh, Pa.
Mailander Co., Waco, Texas
Michigan Show Case Co. ("Wolverine"), 480 Fort W, Detroit, Mich.
National Show Case Co., Columbus, Ga.
National Show Case Co., 154 W 14th, New York
Northey Mfg. Co. (Refrigerated), Waterloo Iowa
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Pynn & Cameron, Boston, Mass.
Quincy Show Case Works, Quincy, Ill.
Reinle Salmon Co., Warner & Stockholm, Baltimore, Md.
Robin-Hirsch Co., 258 Canal, New York
Rochester Show Case Works, Rochester, N. Y.
Russell A. N. & Sons Co., Ilion, N. Y.
Saginaw Show Case Co., Ltd., Saginaw, Mich.
Segale Mfg. Co. (All Glass), 68 E Spring, Columbus, O.
Selmore, Inc. (Counter Display Cases), 35 E 12th, New York
Shaw Show Case Co., Seattle, Wash.
Snead & Co., Jersey City, N. J.
Statesville Show Case Co., Statesville, N. C.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Strauss Wm., 416 Arch, Phila., Pa.
Sun Mfg. Co., Columbus, O.
Waddell Co., Greenfield, O.
Walrus Mfg. Co., Decatur, Ill.
Washburn Williams & Co., Scranton, Pa.
Whitcomb Cabinet Co., Kansas City, Mo.
Wilmarth Show Case Co., Grand Rapids, Mich.
Winter Co., Sheboygan, Wis.
Wolf, Sayer & Heller ("Sayer" Butchers' Show Cases), Fulton & Peoria, Chicago Ill.
Yesbera Mfg. Co., Toledo, O.

13602—*Show Windows (Automatic Elevating)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

Shrapnel Mfrs.

See Ammunition; also Shells; also Projectiles, Steel

13602a— Shredders (Cane)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13603— Shredders (Chip)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Getz M. & Co., 162 First, San Francisco, Cal.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13604—Shredders (Corn Cob)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13605—Shredders (Corn, Family)

Reading Saddle & Mfg. Co., Reading, Pa.

13606— Shredders (Fodder)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Advance-Rumely Thresher Co., La Porte, Ind.
Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Dick Jos. Mfg. Co., Canton, O.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Paper Mach. Co., Shortsville, N. Y.
Ross E. W. Co., Springfield, O.
Silver Mfg. Co. ("New Ohio," "Perfection"), No. 256, Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Wilder-Strong Imp. Co., Monroe, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13607—Shredders (Frozen Pulp Reduction)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Ryther & Pringle Co., Carthage, N. Y.

13608— Shredders (Ice)

Giles & Nielsen Nickel Works, Troy, N. Y.
Wrightsville Hardware Co. ("Brighton," "L. S. I. Co."), Wrightsville, Pa.

13609—Shredders (Leather Scrap)

BEACH-RUSS CO., 50G Church, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
MITTS & MERRILL, 1939 So. Water, Saginaw, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13610—Shredders (Potato & Turnip)

Disston Hy. & Sons, Tacony, Phila., Pa.

13611—Shredders (Sugar Cane)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Newell Mfg. Co. ("National"), 149 B'way, New York
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13612—Shrinkers (Tire & Axle)

See also Upsetters, Tire

American Scale Co., Kansas City, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief"), Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion," "Lancaster," "American," "Star"), Lancaster, Pa.
Illinois Iron & Bolt Co. ("Magic," "Mole," "Stoddard," "Vulcan"), Carpentersville, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Potts D. H. Co., Lancaster, Pa.
Rockford Mfg. Co., Rockford, Ill.
Southern Skein & Fary. Co., Chattanooga, Tenn.

13613— Shutter Workers

See also Fasteners, Blind

Corbin P. & F., New Britain, Conn.
Mallory Manufacturing Co. ("Mallory's Improved"), Flemington, N. J.
Quincy Foundry & Novelty Co. ("Pitney"), Quincy, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.

13614—Shutters (Fire, Automatic)

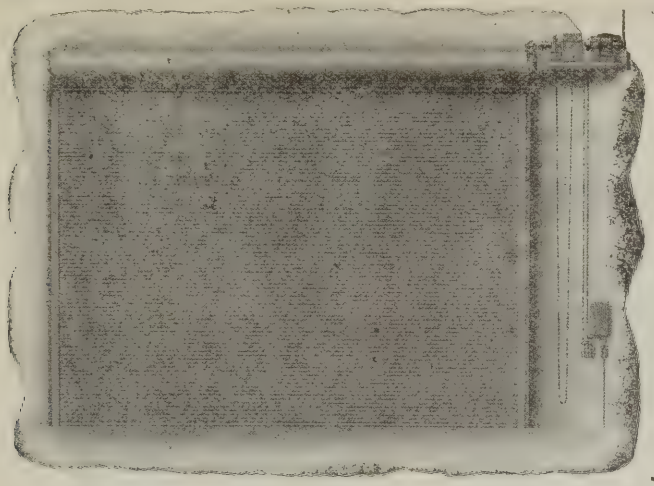
COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 127, Holyoke, Mass.
Cornell Iron Works, 26th & 11th avs, New York
Lane Bros. Co., Poughkeepsie, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wilson J. G. Corp., 8 W 40th, New York
See adv index at end of book

13615— Shutters (Steel)

Barnes & Nuss Co., Grand Forks, N. D.
Barnum E. T. Iron & Wire Wks, 4612 Woodward av, Detroit, Mich.
Beckley Perforating Co., Garwood, N. J.
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, Ohio
Cornell Iron Works, 26th & 11th av, New York
Dahlstrom Metallic Door Co. (Hollow Metal), 413 Buffalo, Jamestown, N. Y.
Dickelman Mfg. Co., Forest, O.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Eller Mfg. Co., Canton, O.
Fleck M. (For Buildings), 338 E 134th, New York
International Steel & Iron Construction Co., Evansville, Ind.
KINNEAR MFG. CO. (Rolling and Iron), 716-766 Field av, Columbus, O.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Peerless Steel Shutter Co., Lyric bldg, Richmond, Va.
Penn Metal Co., 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Souther E. E. Iron Co. (Corrugated, Fire, etc.), Kienlin & Hamburger, St. Louis, Mo.
Steel Roofing & Stamping Wks, Des Moines, Iowa
Steelite Co., 1302 W 77th, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Variety Mfg. Co. (Iron & Tin Clad Window), 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp. (Also Wood & Bronze), 8 W 40th, New York
See adv index at end of book
Wis Iron & Wire Wks, 1660H Booth, Milwaukee, Wis.

13616—Shutters (Steel Rolling)

Cahill, Edward, 440 W 42nd, New York
CORNELL IRON WORKS (Smallest Shutters to Largest Doors), 26th & 11th av, New York
Dodge H. B. & Co., 332 S Michigan av, Chicago, Ill.
Harris S. H. Co., 2424 W 22d, Chicago, Ill.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Johnson Geo. W. Mfg. Co., St. Louis, Mo.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O. *See adv index at end of book*
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.



KINNEAR ROLLING DOORS

for any kind of industrial building, large or small, are ideal.

The curtains are made of interlocking steel slats, hot galvanized by a special process, and if given a reasonable amount of care will last indefinitely.

Kinnear Doors are made to operate by one of three different methods: Manually, Mechanically, or Electrically.

Our Engineering Department will solve your door problems. Write for catalogue.

THE KINNEAR MANUFACTURING CO.
716-766 Field Avenue Columbus, Ohio, U. S. A.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book

STEEL ROLLING
Fire Doors and Shutters
PERKINS M'F'G. CO.
ST. PAUL, MINN.

Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.
See adv index at end of book
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
WILSON J. G. CORP'N ("Salamander"). Chief Office, 8 W 40th, New York; Mills & Factory: Norfolk, Va.
See adv index at end of book

13617—Shutters (Wood Rolling)

Grant Pulley & Hdw. Co., 101 Park av, N. Y.
KINNEAR MFG. CO., 716-766 Field av, Columbus, O. *See adv index at end of book*
Peirce W. E. & Co., Milford, N. H.
WILSON J. G. CORP'N. Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va.
See adv index at end of book

Sickles (Mower & Reaper)

See Knives, Mower & Reaper

13618—Side Dressers for Side Files

Covel Mfg. Co., Benton Harbor, Mich.

13619—Side Edges (Plumbers')

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

13620-1—Side Files for Saws

Covel Mfg. Co., Benton Harbor, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.

Sidewalk Lights

See Vault & Sidewalk Lights, Plain & Prismatic

Siding (Steel)

See Roofing & Siding, Iron & Steel; also Steel, Brick & Rock Face Sidings

13621a— Sienna

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Commercial Co., Ltd., of U. S. A. (Imp.), 295 B'way, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Smith J. Lee & Co., (Imp, Raw & Burnt), 19 Jacob, New York

13622— Sieves (Ash)

Butler Mfg. Co. (Rocker), Kansas City, Mo.
Central Stamping Co. ("Central"), 174 Fulton, New York
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hessler H. E. Co., Syracuse, N. Y.
Hill Clothes Dryer Co. ("Hustler"), Worcester, Mass.
Jelliff Geo. H. & Son ("Rival"), New Canaan, Conn.
Parker Wire Goods Co. ("Boston"), Worcester, Mass.
Rochester Can Co., ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Success Mfg. Co. ("Triumph"), Gloucester, Mass.
Wayne Mfg. Co., 2009 N Croskey, Phila., Pa.

13623—Sieves (Cement Testing)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Multi-Metal Separating Screen Co., 251 W 19th, New York
Ulmer J. C. Co., E 38th & Kelly, Cleveland, O.

13623a—*Sieves (Chemists)

Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book

13624— Sieves (Flour)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Buffalo Wire Works Co., 453 Terrace, Buffalo, New York
See adv index at end of book
Central Stamping Co. (Seamless Metallic), 174 Fulton, New York
Day J. H. Co. (Sifters Only), Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jelliff Geo. H. & Son, New Canaan, Conn.
Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.
MEYERS FRED J. MFG. Co. ("Hunter's" "Favorite"), Hamilton, O.
See adv index at end of book
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book
Parker Wire Goods Co. ("Majestic," "Columbia," "Standard," "Hunter," "Nameless," "Universal" & "Star Rotary"), Worcester, Mass.
Robinson Mfg. Co., Muncy, Pa.
Roseland Can & Specialty Co. ("Apex," "Standard," "Rockford," "Pastry"), Rockford, Ill.
Schlesinger Leo. & Co. ("Excelsior"), 66 Wooster, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

13625— Sieves (Testing)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Kohlbusch Herman Sr. Inc., 149 New York av, Jersey City, N. J.
Kress & Co., 29-33 Lafayette, New York
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J.
See adv index at end of book
Sprout, Waldron & Co., Muncy, Pa.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13626— *Sieves (Wire)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13627—Sifters (Ash & Coal)

Aurora Steel Products Co. ("Little Wonder"), Aurora, Ill.
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
Gem Stamped Steel Co. ("Gem"), Chelsea, Mass.
Gier Pressed Steel Co. ("Lancing" Ash), Lansing, Mich.
Hessler H. E. Co. ("Wonder"), Syracuse, N. Y.
Hill Clothes Dryer Co. ("Hustler"), 40 Central, Worcester, Mass.
Jelliff Geo. H. & Son, New Canaan, Conn.
National Can Co. ("National"), 38 Washington, No. Boston, Mass.
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
Rochester Can Co. ("Iron Horse," Ash Only), 89 Hague, Rochester, N. Y.
See adv index at end of book
Steinfeld Bros., 116 W 32d, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Success Mfg. Co. ("Perfection," "Triumph"), Gloucester, Mass.
Wickwire Bros. (Metallic), Cortland, N. Y.

13628— Sifters (Flour)

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Andrews Wire & Iron Works, Rockford, Ill.
Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
Barnard & Leas Mrg. Co. ("Plansifter"), Moline, Ill.
Clark J. L. Mfg. Co. ("Gem" Rotary & Shaker), Rockford, Ill.
Iddings Co. ("Star-Peerless" Flour Bin & Sifter), Warren, O.
National Enameling & Stamping Co. ("Columbia" Bin & Sifter), 411 5th av, New York
Nordyke & Marmon Co., Kentucky & Morris av, Indianapolis, Ind.
PEORIA CAN CO. ("No-Name"), Peoria, Ill.
Republic Metalware Co., The ("Shaker"), Buffalo, N. Y.
ROBINSON MFG. CO., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Stuber & Kuck (Tinaware), Peoria, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.

13629— Sifters (Plaster)

Potato Implement Co., Traverse City, Mich.

13630— Sifters (Sand)

Arcade Mfg. Co., Freeport, Ill.
Am. Fdry Equipment Co. ("Duplex" Elec. Pneumatic), 366 Madison av, New York
Brass Founders Supply Co., Wilson av, Newark, N. J.
Clearfield Machine Shops, Clearfield, Pa.
Gem Stamped Steel Co., Chelsea, Mass.
Great Western Mfg. Co., Leavenworth, Kans.
Hanna Engineering Works (Pneumatic & Electric), 1764 Elston av, Chicago, Ill.
Herman Pneumatic Machine Co. (Pneumatic), Zellenople, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Pangborn Corp., Hagerstown, Md.
Paxson J. W. Co., 1021 No. Deleware av, Philadelphia, Pa.
Standard Sand & Machine Co. (Revolving "Standard" Adjustable Portable), 5150 St. Clair av, Cleveland, O.
Turner Foundry & Machine Co. (Portable Motor Driven), 3632 N Lawrence, Phila., Pa.
Worthington Pump & Machy. Corp. (Steam, Pneumatic or Electric), 115 B'way, New York *See adv index at end of book*

13631—Sifters (Sliding Motion)

Patterson Foundry & Machine Co. ("Patterson" for Wet & Dry Materials), East Liverpool, O.

13632—*Sight Feeds for Oiling Devices

LUNKENHEIMER CO., Executive Offices and Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

13633—Sight Feeds for Oiling Systems

Hills-McCanna Co., 2025 Elston av, Chicago, Ill.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill.

13633a—Sights (Gun & Rifle)

Bausch & Lomb Optical Co. (Telescopic, for Army & Navy), Rochester, N. Y.
Bethlehem Steel Co., S Bethlehem, Pa.
Lyman Gun Sight Corp., Middlefield, Conn.
Marble Arms & Mfg. Co. ("Marble's Flexible Special), Gladstone, Mich.
Savage Arms Corp., Utica, N. Y.
Stevens J. Arms Co., Chicopee Falls, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

13634— Sights (Level)

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

13634a—*Sign Display Stands

NELKE L. D. SIGNS NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
STANDARD ADVERTISING SIGN CO., 16 W 36th, New York

13635—Sign Materials (Wood)

Matthew Jas. H. (Marking Outfits), 3942 Forbes, Phila., Pa.
Spanjer Bros. (Letters, Figures, Trademarks, Models, Monograms, etc.), 198 Badger av, Newark, N. J.

13636—*Signal Apparatus (Air)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

13637—*Signal Apparatus (Electro-Pneumatic)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

13638— Signal Car Lights

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Smith of N. Y. Co., 1 Franklin sq, New York
Star Headlight & Lantern Co., Rochester, N. Y.

Signal Cord

See Cords, Sash

13638a—Signaling Devices (Electrical)

CROSBY STEAM GAGE & VALVE CO. ("Crosby" Steam Whistle), 40 Central, Boston, Mass.
See adv index at end of book
Holtzer-Gabot Electric Co., 125 Amery, Boston, Mass.
LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Metal Specailties Mfg. Co. (Automobile), 338 N Kedzie av, Chicago, Ill.
Rupp Mfg. Co. (For Automobiles), Hagerstown, Md.

13639— Signals (Air Brake)

New York Air Brake Co., 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO., (Apparatus), Pittsburgh, Pa.

13640—Signals (Audible & Visual)

Benjamin Electric Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Holtzer-Gabot Electric Co., 125 Amery, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
Protex Signal Co., Park bldg, Cleveland, Ohio
Wright Traffic Signal Co., 134 Opera pl, Cincinnati, Ohio

13640a—Signals (Automatic Calling)

American Watchman's Clock Co., 150 Nassau, New York
Cleveland Magnetic Watchman's Clock Co., 150 Nassau, New York
Holtzer-Gabot Electric Co., 125 Amery, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
Pettes & Randall Co., 150 Nassau, New York

13641—Signals (Block System)

Federal Signal Co. (Automatic Electric Block), Albany, N. Y.
General Railway Signal Co. ("G. R. S." Continuous Track Circuit Automatic), Rochester, N. Y.
Railroad Supply Co. ("Chicago"), 203 S Dearborn, Chicago, Ill.
UNION SWITCH & SIGNAL CO., THE (Automatic, Electric & Pneumatic Semaphore), Swissvale, Pa.
United States Electric Signal Co. ("U. S." Automatic), West Newton, Mass.

13642— Signals (Distress)

Coston Signal Co. (Ship Rockets & Water Lights), 24 Water, New York
Galbraith C. C. Son, 117H West, New York

13643—Signals (Electric Mine)

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Flint Electric & Mfg. Co., 1402 Delgany, Denver, Colo.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Lovsted C. M. & Co., 316 1st av, So. Seattle, Wash.
See adv index at end of book
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.

13644—Signals (Electric Railway)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
Commercial Elect. Sign Co., 440 W. 46th, New York
Consolidated Car Heating Co. (Inside Car Signals), Albany, N. Y.
Eureka Automatic Electric Signal Co., Tamaqua, Pa.
Federal Signal Co., Albany, N. Y.
General Railway Signal Co. ("G. R. S." Continuous Track Circuit, Automatic Block Signal), Rochester, N. Y.
Hall Switch & Signal Co., 50 Church, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Machod Signal Co., Inc., Louisville, Ky.
Nachad Signal Co. Inc., Highland Park, Louisville, Ky.
Simmen Automatic Railway Signal Co., ("Simmen" System), 1575 Niagara, Buffalo, N. Y.
UNION SWITCH & SIGNAL CO., THE (Interlocking), Swissvale, Pa.
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.
United States Electric Signal Co. ("U. S. Automatic Block Signals), West Newton, Mass.
Universal Railway Supply Co., 122 S Mich av, Chicago, Ill.
Valley Electric Co., 3157H S Kingshighway, St. Louis, Mo.
Wood Chas. N. Co. ("Chapman," Automatic, 294H Washington, Boston, Mass.

13645—Signals (Factory & Office)

Autocall Co., Shelby, O.
Benj. El. Mfg. Co. (Relay), 120-128 S Sangamon, Chicago, Ill.
Couch S. H. & Co., Norfolk Downs, Mass.
Electro-Call Signal Co., 1591 Columbus rd, Cleveland, O.
Federal Sign System, 8700H S. State, Chicago, Ill.
Holtzer-Gabot Electric Co., 125 Amery, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
Nichals-Lentern Co., 8404 Lorain av (Indicating), Cleveland, O.
Ohio Signal Co., Canton, O.
Scribner A. C. Mfg. Co., Gloversville, N. Y.
Severance Elect. Co. (Hartford), Boston, Mass.
Standard Electric Time Co. ("Standard" Electric), Springfield, Mass.
Stanley & Patterson, 23 Murray, New York
Tele Call Co. ("Tele Call"), 5604H Cedar av, Cleveland, O.
Winkler-Reichmann Co., 4801 So. Morgan, Chicago, Ill.

13646—Signals (For Follow-Up Systems)

Graff Geo. B. Co. ("Graffco Vise"), 294 Washington, Boston, Mass.

13647— Signals (Hospital)

See also Annunciators

Automatic Enunciator Co., 1001 W Van Buren, Chicago, Ill.
Bryant Electric Co., Bridgeport, Conn.
Chicago Signal Co., 522 S Clinton, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

13648—Signals (Interlocking Systems)

Federal Signal Co. (Interlocking Manuel & Electric), Albany, N. Y.
General Railway Signal Co., Rochester, N.Y.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
UNION SWITCH & SIGNAL CO., THE Swissvale, Pa.

13649—Signals (Pneumatic)

AMERICAN SAFETY LAMP & MINE CO. ("Jones"; also "American"), Scranton, Pa.
Everhart Brass Works ("Everhart" for Mines), Scranton, Pa.
General Railway Signal Co., Rochester, N. Y.
UNION SWITCH & SIGNAL CO., THE ("Westinghouse" Electric Interlocking), Swissvale, Pa.

13650— Signals (Police)

Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Royal Steel Products Co., 1440 B'way, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.

13651—Signals (Railway Cab)

Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.

13652—Signals (Railway Crossing)

See also Gates, Railway Crossing; also Railway Supplies; also Frogs, Switches, & Crossings

A. G. A. Railway Light & Signal Co., Elizabeth, N. J.
Baltimore Enamel & Novelty Co. (Enameled Steel), 4 E Redwood, Baltimore, Md.
Benjamin Electric Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Bethlehem Steel Co., So. Bethlehem, Pa.
Brach L. S. Supply Co., 129 Sussex av, Newark, N. J.
Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.
Bryant Zinc Co. (Illuminated Highway), 600 Orleans, Chicago, Ill.
Consolidated Car Heating Co., Albany, N. Y.
Electric Service Supplies Co. ("Keystone" Highway), 17th & Cambria, Phila., Pa.
Federal Signal Co., Albany, N. Y.
Hall Switch & Signal Co., 50 Church, New York
Handlan-Buck Mfg. Co. ("Newton's"), 210-14 N 3d. St. Louis, Mo.
Hoeshen Mfg. Co., Omaha, Neb.
Kalamazoo Railway Supply Co. (Electrical & Mechanical), Kalamazoo, Mich.
Machod Signal Co., Inc., Louisville, Ky.
Nachad Signal Co. Inc., Highland Park, Louisville, Ky.
Railroad Supply Co. ("Chicago" and "Wig Wag" Highway Crossing Alarms for Steam Railroads), 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
Shave Furnace & Metal Appliance Co., W Warren av & S Delaware, Denver, Col.
Standard Railway Gate Co., Saginaw, Mich.
Taite Railway Signal Co., Coatesville, Pa.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.
Universal Railway Supply Co., 122 S Mich av, Chicago, Ill.

13653— Signals (Switch)

Bethlehem Steel Co., So. Bethlehem, Pa.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Federal Signal Co., Albany, N. Y.
General Railway Signal Co., Rochester, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.

13654—Signals (Train Order)

Adams & Westlake Co. (Telegraph), 319 W Ontario, Chicago, Ill.
Federal Signal Co., 52 Vanderbilt av, New York
General Railway Signal Co., Rochester, N. Y.

13655—Signs (Advertising)

Adams E. P. Co., 170 Summer, Boston, Mass.



Adco, Inc., 381 4th av, New York
Am. Sign Co., Kalamazoo, Mich.
Aultman & Locke, 458 Jefferson, Milwaukee, Wis.
Bachrach & Co., 577 Market, San Francisco, Cal.
Barker C. G., Ithaca, N. Y.
Borreson Mfg. Co., St. Paul, Minn.
Bradford Co., St. Joseph, Mich.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Chicago Glass Novelty Co. (Gold Glass Letters for Dealers Signs), Marion, Ind.
Clark W. L. Co. (Changeable Letters), 115-117 Nassau, New York
Cleveland-Akron Bag Co., Cleveland, O.
Commercial Elect. Sign Co., 440 W 46th, New York
CUSACK THOS. CO., Harrison & Loomis, Chicago, Ill.
Commonsense Novelty Co., 972 Montana, Chicago, Ill.
De Witt Davis, Jr., White bldg., Buffalo, N. Y.
Eclipse Sign & Advertising Co. (Paper Enameloid), Reading, Pa.
Enamel Products Co. (Porcelain Enameled Iron), Eddy rd and Taft av Cleveland, Ohio
Enameled Iron Sign Co., 18 W 36th, New York
ENAMELED STEEL SIGN CO., 180 N. State, Chicago, Ill.
See adv index at end of book
Ettlinger Sign Co., 440 S Dearborn, Chicago, Ill.
General Advertising Co. (For Paint & Varnish Makers), Reading, Pa.
Grammes L. F. & Sons (Metal), Allentown, Pa.
Gude O. J. & Co., 220 W 42d, New York
Hageman Sign Co, 14 E Commerce, Youngstown, O.
Hamilton-Bacon Sign Co., 2440 W 22d av, Chicago, Ill.
Hobson-De Lone Co., 15th and Wallace, Philadelphia, Pa.
INGRAM-RICHARDSON MFG. CO. ("Ingrich" Porcelain Enameled Iron), Beaver Falls, Pa.
See adv index at end of book
Joplin Advg. Sign Co., Joplin, Mo.
Little & Preuss, 309 E 22d, New York
Martin L. E. Co., 411 Equitable bldg, Baltimore, Md.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Meyercord Co. (Transfer Window Signs), Chamber of Commerce bldg., Chicago, Ill.
Model Products Co., 9th & Venango, Phila., Pa.
Moise-Klinker Co., 369 Market, San Francisco, Cal.
Munn Sign & Advg. Co., Atlanta, Ga.
National Art Works ("Bras-Etch" Indoor), Covington, Ky.
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Newell L. B., 170 Summer, Boston, Mass.
NEW YORK ENAMELED SIGN CO., 725 Rockaway av, Brooklyn, N. Y.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nugent Advg. Co., 29 N 13th, Philadelphia, Pa.
Oyen Advg. Sign System, La Crosse, Wis.
Palm, Techteler & Co., 67 5th av, New York
Pilgrim Specialty Co., Malden, Mass.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Plampin Lithograph Co., 147 Waverly pl, New York
Plume Edw. Co. Co., 417 Dearborn, Chicago, Ill.
Press Sign Co. of St. Louis, Mo., 202-204 S 17th, St. Louis, Mo.
Quaker City Sign Co., 116 N 13th, Philadelphia, Pa.
R. & S. Engraving & Die Wks. (Embossed Metal), 625 W Jackson blvd., Chicago, Ill. *See adv index at end of book*
Sampliner Adv. Co., 7th av & 49th, New York
Shank E. A. Signal Co., 19 Park pl, New York
Shonk Chas. W. Co., 76 Washington blvd, Detroit, Mich.
Sign Ad Co., Geneva, N. Y.
Smith-Hecht Co., Century bldg., Indianapolis, Ind.
Stanford-Crowell Co. (Board, Tin & Cloth), Ithaca, N. Y.
Statesman Co., Marshall, Mich.
Stearns Paper Products Co. (Changeable Letters), 604 S Dearborn, Chicago, Ill.
Stout Sign Co., 2533H Sullivan av, St. Louis, Mo.
Tri-Color Sign Co., 4824 W Lake, Chicago, Ill.
Up-To-Date Advertising Co., Canisteo, N. Y.
Viking Sign Co., 527 5th av, New York
Voigt Co. (Plastic Relief), 1743-1749 N 12th, Phila., Pa.
Wachtel Calendar & Novelty Co., 203 W Main, Louisville, Ky.
Winters H. E. Davenport, Ia.

13656— Signs (Aluminum)

Aluminum Goods Mfg. Co. (Advertising), Manitowoc, Wis.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Rolfe Iron Co. (Steel, Road & Street), 36th & I. C. Tracks, Chicago, Ill.
Stout Sign Co., 2533H Sullivan av, St. Louis, Mo.

13656a—*Signs (Automobile Club Road)

R. & S. Engraving & Die Wks., 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book

13657—Signs (Automobile Radiator)

R. & S. Engraving & Die Wks., 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book

13658—Signs (Brass & Bronze)

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Barshal Steel Equipment Co. (Bronze Only), 2031 Euclid av, Cleveland, O.
Benfield Milne Mfg. Co. (In raised letters), 80 Homes, Newark, N. J.
Brinkerhoff's J. P. Sons, 57 Dey, New York
Bryan Co., 2130 E 19th, Cleveland, O.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Buckeye Iron & Brass Works (Brass Window or Door), Dayton, O.
Cabaret Paul E. & Co., 126 11th av, New York
Charles Sign Co., 1458 W Kinzie, Chicago, Ill.
Chicago Metal Sign Co., 20 N Wells, Chicago, Ill.
Cincinnati Mfg. Co., Cincinnati, O.
COLUMBUS BRASS CO., 533 Dublin av, Columbus, O. *See adv index at end of book*
Detroit Mausoleum Equipment Works, 175 W Fort, Detroit, Mich.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madiston & 103rd, Cleveland, Ohio
Ellison Brass Mfg. Co., Jamestown, N. Y.
Flour City Ornamental Iron Co., 27th st & 27th av, Minneapolis, Minn.
Forman Co., 48H W B'way, New York
Gorham Co. Arch'l Bronze, 5th av & 36th, New York. Works, Providence, R. I.
Heath J. S. Co., Ontario & Franklin, Chicago, Ill.
Henry-Bonnard Bronze Co. (Also Brass & Iron), 20 Exchange pl, New York

SIGNS (BRASS & BRONZE)—continued
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*



Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.
Jackson Wm. H. Company, 2 W 47th, New York
Jones, Trevor F. & Co. (Also Silver), 374 W B'way, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Mansfield Steel Corp., 288 Milwaukee av E, Detroit, Mich.
Manton & Smith Co., 1709 W Austin av, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
NELKE L. D. SIGNS, NEW YORK, INC. (Brass), 18 W 36th, New York
See adv index at end of book
NEWMAN MFG. CO., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Novelty Sign Co. (Raised Letter), 208 W. 3d, Cincinnati, Ohio
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Rutledge Geo. Co. (Brass Etched), 309 E 22d, New York
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Stout Sign Co. (Embossed), 2533H Sullivan av, St. Louis, Mo.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Shank E. A. Sign Co., 19 Park pl, New York
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wis Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.
Wood-Detroit Mfg. Co. (Business), Marquette bldg. Detroit, Mich.

13659— Signs (Car)

See also Signs, Enameled Steel

Brill J. G. Co. (Reversible), 62nd & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co ("Millen" Illuminated), Atlantic av & Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co. (Indicating & Destination), 340 Main, Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Enameled Iron Sign Co., 18 W 36th, New York
ENAMELED STEEL SIGN CO, 180 N State, Chicago, Ill.
See adv index at end of book
Hageman Sign Co., 14 E Commerce, Youngstown, O.
Hunter Illuminated Car Sign Co. (Illuminated), Linden av, Flushing N. Y.
Ingram-Richardson Mfg. Co. (Car Destination, Enameled Iron), Beaver Falls, Pa. *See adv index at end of book*
NELKE L. D. SIGNS, NEW YORK INC., 18 W 36th, New York
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
New York Enameled Steel Sign Co., 725 Rockaway av, Brooklyn, N. Y.
See adv index at end of book
Ready-Made Sign Co., 16 W 36th, New York
Royal Enameling Mfg. Co., Des Plaines, Ill.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Shank E. A. Sign Co., 19 Park pl, New York
Up-to-Date Advertising Co., Canisteo, N. Y.
U. S. Electric Signal Co. ("Henderson" Illuminated), West Newton, Mass.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

13660— Signs (Cardboard)

Brown Wm. Embossing Co. (Embossed Indoor Use), B'way & Elm, St. Lolis, Mo.
Chicago Show Card Wks., 406 S Dearborn, Chicago, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Easton Printing & Mfg Co., Dayton, O.
Enameled Steel Sign Co. (Paraffine), 180 N State, Chicago, Ill.
See adv index at end of book
Fisher Adam Mfg. Co. (Novelty), 3624 Enright, St. Louis, Mo.
Harrison Co. (Paraffined), Union City, Ind.
Hartmann Robt. Co., Inc. (Embossed), 409 Pearl, New York
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Nelke L. D., Signs, New York, Inc. (Plain & Waterproof, etc), 18 W 36th, New York. *See adv index at end of book*
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Permanent Advtg. Co. (Enameled), Reading, Pa.
Schulman Bros., 564-572 W Randolph, Chicago, Ill.
Standard Advertising Sign Co. (Plain & Waterproof), 18 W 36th, New York
Tri-Color Sign Co. (Paraffined), 4824 W. Lake, Chicago, Ill.
Up-to-Date Advertising Co. (Waterproof), Canisteo, N. Y.

13661— Signs (Carved)

Spanjer Bros., 198 Badger av, Newark, N. J.

13662— Signs (Celluloid)

Baltimore Sign Co., 522 Pierce, Baltimore, Md.
Bastian Bros. Co. ("Pulveroid"), Rochester, N. Y.
Beach H. D. Co., Coshocton, O.
Cavanagh Bros. & Co. ("Marbelite"), 89 Warren, New York
Ehrman Mfg. Co., 170 Summer, Boston,
General Advertising Co., Reading, Pa.
Meek J. F Co., Coshocton, O.
Standard Advertising Sign Co., 16 W 36th, New York
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

13663—Signs (Chipped Glass)

RAWSON & EVANS CO. (In Silver & Gold), 710 W Wash'n blvd, Chicago, Ill.

Signs (Cloth)

See Signs, Muslin

13664-5—Signs (Electric Illuminated)

A. & W. Electric Sign Co. ("A. & W."), W 3d & Prospect av, Cleveland, O.
Allaway & Hancox, 5944 S Halsted, Chicago, Ill.
American Sign Co., Kalamazoo, Mich.
American Sign Works, 109 W Dearborn, Chicago, Ill.
Bailey Reflector Co., 617 2d, Pittsburgh, Pa.
Baltimore Enamel & Novelty Co., 4 E Redwood, Baltimore, Md.
Betts & Betts Corp'n, 513 W 42d, New York
Bilt-Well Sign System Electric Co., 115 E 15th, New York
Bofinger Bros., 146 E 42d, New York
Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.
Brink C. I. (Inc.), 24 Gold, Boston, Mass.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Burdick Enamel Sign Co., 220 S State, Chicago, Ill.
Canton Electric Sign Co., Canton, O.
Canton Sign Co., Canton, Ohio
Chase Electric Co. ("Chaseco"), 105 S Dearborn, Chicago, Ill.
Chicago Electric Sign Co., 18 S Clinton, Chicago, Ill.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Chris Sign & Wall Paper Co., Seattle, Wash.
Colonial Sign & Insulator Co., Akron, O.
Commercial Utilities & Mfg. Co., Worcester, Mass.
Common Sense Novelty Co., Sheffield & Montana, Chicago, Ill.
Consolidated Electric Sign Co., 115 N Desplaines, Chicago, Ill.
Continental Sales Display Corp., 110 W 40, New York
CUSACK THOMAS CO., Harrison & Loomis, Chicago, Ill.
Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.
Display Fountain Mfg. Co., 187 Broadway, New York
Dundee Mfg. Co. (Window Tippers, "Midas" Mystery Platforms), 95 Bedford, New York
Elliott Service Co., 141 W 36th, New York
Ellis Electric Sign Co., Denver, Colo.
Electric Carriage Call & Specialty Co. (Changeable & Permanent), 311 W 40th, New York
Electrical Products Corp., 941 W 16th, Los Angeles, Cal.
Empire Elec. Sign Co., 162 E 118th, New York
Enameled Steel Sign Co., 190 N State, Chicago, Ill.
Federal Sign System (Electric), 3700 S State, Chicago, Ill.
Flashtric Sign Wks. (Interchangeable), 216 N Clinton, Chicago, Ill.
Flexlume Sign Co., 1472 Niagara, Buffalo, N. Y.
Fricker Fred, 428 11th av, New York
FRINK I. P. INC. ("Polaralite")
New York—24th & 10th av
Chicago, Ill.—Wrigley bldg
Philadelphia, Pa.—Fuller bldg
Gillam M. M., 110 W 34, New York
Greenwood Advertising Co. ("Individuality"), Knoxville, Tenn.
Greenwood System, Knoxville, Tenn.
Hageman Sign Co., 14 E Commerce, Youngstown, O.
Haller Sign Works ("Luna"), 115 N Desplaines, Chicago, Ill.
Halpern Bros., 115 E 107th, New York
Herberts Engrg. Co., 500 5th av, New York
Horn W. J. Posting Sign System, Springfield, Ill.
Import Sales Co. (Ltg. Outfit), 318 E 32d, New York
K. & H. Sign Mfg. Co. ("Elite"), Aiken & P. R. R., Pittsburgh, Pa.
Klintz A. & Co., 905 W Randolph, Chicago, Ill.
Kirn G. C. Adv. Sign Co., 1303 Pine, St. Louis, Mo.
Ltg. Studios Co. (Druggists' signs), 220 W 42d, New York
Martin P. J., 229 W 42d, New York
Marx Zero Sign Works ("Zero"), 126 W Peoria, Chicago, Ill.
Metropolitan Eng. Co., 1250 Atlantic av, Brooklyn, N. Y.
Meyercord Co. (Advertising Specialties), 133 W Washington, Chicago, Ill.
Model Products Co., 9th & Venango, Phila., Pa.
Motley Bros. Elec. Co., Memphis, Tenn.
Myers Elwood Co., Springfield, O.
National Elec. Co., Belan rd, Baltimore, Md.
National Retailers' Adv. Corp., Kansas City, Mo.
Nelson Anthony (Checker Boards), St. Paul, Minn.
Newark Sign Co., 27-33 Treat pl, Newark, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, Ohio *See adv index at end of book*
Norden Elect. Sign Co. (Stage Announcers), 311 W 40th, New York
Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Opal Sign Co., 254 10th av, New York
Paige Sign Co., Worcester, Mass.
Phelps Mfg. Co. ("New-Est." "Phelps"), 49 W Larned, Detroit, Mich.
Pittsburgh Electric Specialties Co., Ross & First, Pittsburgh, Pa.
Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
Quehl Sign Co., 318 Main, Cincinnati, O.
R. R. Sign Co., Dayton, O.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Reynolds-Dull Flasher Co., 18 S Wells, Chicago, Ill.
Rice Geo. H. Co., 431 E 23d, New York
Robinson S. H. Co., 814 Walnut, Phila., Pa.
Schmook Harry B., Springfield, Mo.
Sign Ad Co., Geneva, N. Y.
Sign-O-Graph Mfg. Co., 431 S Dearborn, Chicago, Ill.
Smith-Hecht Sign Co., Indianapolis, Ind.
Solar Elec. Co. (Canteen Globe), 54 W Lake, Chicago, Ill.
Strauss & Co., 209 W 48th, New York
Tripp & Co., 33 N Wells, Chicago, Ill.
Universal Elec. Stage Ltg. Co., 240 W 50th, New York
Viking Sign Co., 527 5th av, New Yrok
Western Display Co. ("Reflectric"), 301 Chestnut, St. Paul, Minn.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

13666—Signs (Enameled Iron)

Baltimore Enamel & Novelty Co., 4 E Redwood, Baltimore, Md.
California Metal Enameling Co., Los Angeles, Cal.
Cavanagh Bros. & Co., 89 Warren, New York
Crichton-Curl Enamel Co., Ellwood City, Pa.
Enamel Products Co. (Advertising, etc), Eddy rd & Taft av, Cleveland, Ohio
ENAMELED IRON SIGN CO., 18 W 36th, New York
ENAMELED STEEL SIGN CO., 180 N State, Chicago, Ill
See adv index at end of book
Hageman Sign Co., 14 E Commerce, Youngstown, O
INGRAM-RICHARDSON MFG. CO. (Porcelain Enameled) Factory: Beaver Falls, Pa. *See adv index at end of book*
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinker Co., 369 Market, San Francisco, Cal.
NELKE L. D. SIGNS, NEW YORK, INC. (Also Tin, etc), 18 W 36th, New York
See adv index at end of book
Porcelain Enamel & Mfg. Co. (Porcelain Enameled), O'Donnel & 8th, Baltimore, Md
READY-MADE SIGN CO., 16 W 36th, New York
Royal Enameling Mfg. Co., Des Plaines, Ill.
Shank E. A. Sign Co., 19 Park pl, New York
Shonk Charles W. Co., Maywood, Ill.

13667—Signs (Enameled Steel)

See also Signs, Car

American La France Fire Engine Co. Inc., Elmira, N. Y.
Baltimore Enamel & Novelty Co., 4 E Redwood, Baltimore, Md.
Benfield Milne Mfg. Co., 80 Homes, Newark, N. J.
Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.

Buffalo Porcelain Enameling Corp., 1927 Elmwood av, Buffalo, N. Y.
Burdick Enameled Sign Co., 220 S State, Chicago, Ill.
Cusack Thos. Co., Harrison & Loomis, Chicago, Ill.
Dawes Electric Sign Mfg. Co., Arrott Pr., Pittsburgh, Pa.
Enameled Iron Sign Co., 18 W 36th, New York
ENAMELED STEEL SIGN CO., 180 N State, Chicago, Ill.
See adv index at end of book
Hageman Sign Co., 14 E Commerce, Youngstown, O.
INGRAM RICHARDSON MFG. CO., Beaver Falls, Pa.
See adv index at end of book
Manhattan Dial Mfg. Co., 40 Lexington av, Brooklyn, N. Y.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
NELKE L. D. SIGNS, NEW YORK INC., 18 W. 36th, New York
See adv index at end of book
New York Enameled Steel Sign Co., 725 Rockaway av, Brooklyn, N. Y.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Passaic Metal Ware Co., Passaic, N. J.
Porcelain Enamel & Mfg. Co., 8th & O'Donnell, Baltimore, Md.
Ready-Made Sign Co., 16 W 36th, New York
Safety First Supply Co., 107H Third av, Pittsburgh, Pa.
Saks Stamping Co., Huntington, W. Va.
Shank E. A. Sign Co., 19 Park pl, New York
Stonehouse Steel Sign Co., Denver, Colo.

13668—Signs (Etched Metal)

Abbott W. H., 46 Greenwich av, New York
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Charles Sign Co., 1458 W Kinzie, Chicago, Ill.
Dayton Stencil Works, Dayton, O.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W. Madison & 103rd, Cleveland, Ohio
Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Metallograph Corp., 1100 Brook av, New York
Name-Plate Co., 125H Fulton, New York
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Newark Brass Plate Engraving Co., 52 Lawrence, Newark, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
R. & S. Engraving & Die Wks., 625 W. Jackson blvd., Chicago, Ill.
See adv index at end of book
Rutledge Geo. Co., 309 E 22d, New York
Shonk Chas. W. Co., Maywood, Ill.
Waterbury Etching Co., Waterbury, Conn.

13669—Signs (Fence Board)

Cleveland-Akron Bag Co., Cleveland, O.
ENAMELED STEEL SIGN CO., 180 N State, Chicago, Ill.
See adv index at end of book
NELKE L. D. SIGNS, NEW YORK, INC., 18 W. 36th, New York
See adv index at end of book
Shank E. A. Sign Co., 19 Park pl, New York
Up-to-date Advertising Co., Canisteo, N. Y.

13670— Signs (Fibre)

See also Signs, Cardboard

Enameled Steel Sign Co., 180 N. State, Chicago, Ill. *See adv index at end of book*
National Sign Co., Dayton, O.
NELKE L. D. SIGNS, NEW YORK, INC. (Folded Edge), 18 W 36th, New York
See adv index at end of book
Shank E. A. Sign Co., 19 Park pl, New York *See adv index at end of book*
Standard Advertising Sign Co. (Folded Edge), 16 W 36th, New York
Up-to-Date Advertising Co., Canisteo, N. Y.

13670a—Signs (Framed Metal Bulletin)

NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Shank E. A. Sign Co., 19 Park pl, New York
Standard Advertising Sign Co., 16 W 36th, New York
Up-to-date Advertising Co., Canisteo, N. Y.

13671— Signs (Glass)

Asbury Glass Sign Co., 304 Greenwich, New York
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Charles Sign Co., 1458 W Kinzie, Chicago, Ill.
Cincinnati Advtg. Pad. Co., 1101 York, Cincinnati, Ohio
Cusack Thos. Co., Harrison & Loomis, Chicago, Ill.
Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.
Denzi & Phillips, 24 Dey, New York
Economy Advtg. Co. (Iluminated), Centralia, Ill.
Empire Ornamental Glass Co., 437 Washington, New York
Forman Co., 48H W B'way, New York
FRINK I. P. INC. ("Polaralite")
New York—24th & 10th av
Chicago, Ill.—Wrigley bldg
Philadelphia, Pa.—Fuller bldg
Gen. Glass Mfg. Co., 355 Union Park ct, Chicago, Ill.
Herrlein & Henrich Co. (All Kinds for All Purposes), 37 Greene, New York
Home Art Glass Wks., 290 14th, San Francisco, Cal.
Intl. Sign Co., 1276 W 3d, Cleveland, O.
Jones Decorative Glass Co., 231 Hudson av, Brooklyn, N. Y.
Liberty Glass Sign Co., 543 4th av, Pittsburgh, Pa.
Mansfield & Co., 229 West, New York
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Opal Sign Co. (Illuminated), 254 10th av, New York
Photoplating Co., Minneapolis, Minn.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Rodier & Fitzgerald, 296 Pearl, New York
Rutledge Geo. Co., 309 E 22d, New York
Saginaw Glass Sign Co., Saginaw, Mich.
Sentenne & Green, 150 Nassau, New York
Solar Elec. Co. (Illuminated), 54 W Lake, Chicago, Ill.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wunder J. & Co., 225 W Van Buren, Chicago, Ill.

13672—*Signs (Interchangeable Letter)

Newman Mfg. Co., 722 Sycamore, Cincinnati. O. *See adv index at end of book*

13673—Signs (Litho. Metal)

Am. Art Wks., Coshocton, Ohio
American Art Sign Co., 201 37th, Brooklyn, N. Y.
Beach H. D. Co., Coshocton, O.
Bertels W. B. & Son Co. Inc., Wilkes-Barre, Pa.
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Hageman Sign Co., 14 E Commerce, Youngstown, O.
Kaufman & Strauss Co., 54 W 21st, New York
Lavenson Bureau, 303 Walnut, Philadelphia, Pa.
Meek J. F. Co., The, Coshocton, O.
Martin & Martin, 3015-17 Carroll av, Chicago, Ill.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Metallograph Corp., 1100 Brook av, New York
Metzger M. Co., 143 N Wabash av, Chicago, Ill.
National Can Co., Detroit, Mich.
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
New York Metal Ceiling Co., 537 W 24th, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Niagara Litho. Co., 1050 Niagara, Buffalo, N. Y.
Ohio Art Co., Bryan, Ohio
Ritter Can & Specialty Co., 1517 N Hutchinson, Phila., Pa.
Sentenne & Green, 150 Nassau, New York
Shank E. A. Sign Co., 19 Park pl, New York
Shonk Chas. W. Co., Maywood, Ill.
Scioto Sign Co., Kenton, Ohio
Southern Can Co., 717 S Wolfe, Baltimore, Md.
Standard Advertising Sign Co., 16 W 36th, New York
Stout Sign Co., St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Western Enameled Steel Sign Co., 180 N Dearborn, Chicago, Ill.
Winters Signs & Novelty Co., Springfield, O.

13674— Signs (Metal, Etc.)

Ackermann Geo. & Sons Co., Cincinnati, O.
Adams S. G. Stamp & Stationery Co., 412 N 6th, St. Louis, Mo.
American Art Works, Coshocton, O.
American La France Fire Engine Co. Inc., Elmira, N. Y.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Baltimore Sign Co., 522 Pierce, Baltimore, Md.
Bofinger Bros., 146 E 42d, New York
Brink C. I. (Inc.), 24 Gold, Boston, Mass.
Brinkerhoff's J. P. Sons, 57 Dey, New York
Bryan Co., 2120 E 19th, Cleveland, O.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Buffalo Porcelain Enameling Corp., 1927 Elmwood av, Buffalo, N. Y.
Burdick Enameled Sign Co., 220 S State, Chicago, Ill.
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Central Wire & Iron Works, 309 Gratiot, St. Louis, Mo.
Chicago Metal Sign Co., 20 N Wells, Chicago, Ill.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Dickey Grabler Works, W Madison & 103d rd, Cleveland, Ohio
See adv index at end of book
ENAMELED STEEL SIGN CO., 180 N State, Chicago, Ill.
See adv index at end of book
Forman Co., 48H W B'way, New York
Hageman Sign Co., 14 E Commerce, Youngstown, O.
Heath J. S. Co., Ontario & Franklin, Chicago, Ill.
Indestructible Sign Co., H Schultz bldg., Columbus, O.
INGRAM-RICHARDSON MFG. CO., Beaver Falls, Pa.
See adv index at end of book
Jones Trevor F. & Co., 374 W B'way, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

Ingram-Richardson Manufacturing Co.

BEAVER FALLS, PA. :: :: :: FRANKFORT, IND.

ING-RICH SIGNS of Porcelain Enamel for advertisers, streets and for all purposes for which high grade, attractive, long-lasting signs can be used.

PORCELIRON Linings for Refrigerators, tops for kitchen tables and kitchen cabinets, parts for ranges.

ENAMELERS OF SPECIALTIES OF VARIOUS KINDS INQUIRIES SOLICITED



SIGNS (METAL, ETC.)—continued
Louisiana Metal Cabinet Works, New Orleans, La.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Metal Sign Board Co. (Road & Advertising Signs), Kalamazoo, Mich.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Murrell Mfg. Co., Long Island City, N. Y.
National Art Works ("Brass Etch" Indoor), Covington, Ky.
National Can Co., Detroit, Mich.
Myers Elwood Co., Springfield, O.
Nager Press Sign Co. (Steel Framed), 421-425 S Main, St. Louis, Mo.
National Sign Co., Dayton, O.
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
New York Enameled Steel Sign Co., 725 Rockaway av, Brooklyn, N. Y.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Passaic Metal Ware Co. (Steel), Passaic, N. J.
Pathie Wm. Co. (Brass, Copper, etc), Worcester, Mass.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
R. & S. Engraving & Die Wks. (Raised Letter), 625 W Jackson blvd, Chicago,
See adv index at end of book
Ready-Made Sign Co., 16 W 36th, New York
Sentenne & Green, 150 Nassau, New York
Shank E. A. Sign Co., 19 Park pl, New York
Spanjer Bros. (of all Descriptions), 198 Badger av, Newark, N. J., & 708 N Green, Chicago, Ill.
Stonehouse Steel Sign Co., Denver, Colo.
Tri-Color Sign Co., 4824 W Lake, Chicago, Ill.
Towle F. S. Co., 332 B'way, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Up-to-Date Advertising Co. (Embossed, etc), Canisteo, N. Y.
Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York
Western Sand Blast Mfg. Co., 1458 W. Kinzie, Chicago, Ill.
Winters H. E. Davenport, Ia.

13674a— Signs (Metal, Paint Printed)

American La France Fire Engine Co. Inc., Elmira, N. Y.
Brilliant Mfg. Co. (Steel), 1045 Ridge av, Phila., Pa.
ENAMELED SIGN CO. (Press Painted), 180 N State, Chicago, Ill.
See adv index at end of book
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Shank E. A. Sign Co., 19 Park pl, New York
Standard Advertising Sign Co., 16 W 36th, New York
Up-to-Date Advertising Co., Canisteo, N. Y.

13674b— Signs (Municipal)

Ingram-Richardson Mfg. Co., Beaver Falls, Pa. *See adv index at end of book*
New York Enameled Steel Sign Co., 725 Rockaway av, Brooklyn, N. Y.
See adv index at end of book
ROYAL STEEL PRODUCTS CO., 1440 B'way, New York

13675— Signs (Muslin)

Baltimore Sign Co., 522 Pierce, Baltimore, Md.
Bryan Co., 2120 E 19th, Cleveland, O.
Cleveland-Akron Bag Co., Cleveland, O.
Cross Press & Sign Co., 1510 Dayton, Chicago, Ill.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Geraghty & Co., 3035 W Lake, Chicago, Ill.
Marx Zero Sign Works, 126 N Peoria, Chicago, Ill.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Millhiser Bag Co., Richmond, Va.
Nelke, L. D., Signs, New York, Inc. (Also Oilcloth), 18 W 36th, New York
See adv index at end of book
Newell L. B., 170 Summer, Boston, Mass.
Novelty Sign Co., 208 W 32nd, Cincinnati, Ohio
Parker & Granville, Ithaca, N. Y.
Stanford-Crowell Co., Ithaca, N. Y.
Sweeney Sign Printing Co., 251 W 19, New York
Tri-Color Sign Co., 4284-6 W Lake, Chicago, Ill.
Up-to-Date Advertising Co., Canisteo, N. Y.

13676— Signs (Post Office)

Eagle Lock Co., Terryville, Conn.

13676a— Signs (Railroad)

Cavanagh Bros. & Co., 89 Warren, New York
READY-MADE SIGN CO., 16 W 36th, New York
Stout Sign Co., 2533H Sullivan av, St. Louis, Mo.

Signs (Raised Letter Metal)

See Signs, Brass & Bronze

13676b—*Signs (Ready Made)

READY-MADE SIGN CO., 16 W 36th, New York

13677— Signs (Rotary Wind)

Warner Co., Muncie, Ind.

13678— Signs (Safety First)

American La France Fire Engine Co. Inc., Elmira, N. Y.
Hageman Sign Co., 14 E Commerce, Youngstown, O.
INGRAM-RICHARDSON MFG. CO. ("Porcelain Enameled Iron Signs for Factories"), Beaver Falls, Pa.
See adv index at end of book
READY-MADE SIGN CO., 16 W 36th, New York
Safety Fire Extinguisher Co., 295 7th av, New York. *See adv index at end of book*
Safety First Supply Co., 107H Third av, Pittsburgh, Pa.
Shank E. A. Sign Co., 19 Park pl, New York

13679— Signs (Street)

Baltimore Enamel & Novelty Co. (Enameled Iron Street Names), 4 E Redwood, Baltimore, Md.
Behringer Edw. A. Inc., 98 Park pl, New York
Borreson Mfg. Co., St. Paul, Minn.
Buffalo Porcelain Enameling Corp., 1927 Elmwood av, Buffalo, N. Y.
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Cavanagh Bros. & Co., 89 Warren, New York
Enamel Products Co. (Enameled Iron), Eddy rd & Taft av, Cleveland, Ohio
Enameled Iron Sign Co., 18 W 36th, New York
ENAMELED STEEL SIGN CO., 180 N State, Chicago, Ill.
See adv index at end of book
Hageman Sign Co., 14 E Commerce, Youngstown, O.
INGRAM-RICHARDSON MFG. CO. (Blue & White Porcelain Enameled Iron, Street Names, etc), Beaver Falls, Pa.
See adv index at end of book
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Niagara Falls Metal Stamping Works (Name), Niagara Falls, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Ready-Made Sign Co., 16 W 36th, New York
Roberts D. E., Racine, Wis.
Rolfe Iron Co., 36th & I. C. Tracks, Chicago, Ill.
Royal Steel Products Co. (Municipal Traffic), 1440 B'way, New York
Stonehouse Steel Sign Co., Denver, Colo.

13680— Signs (Talking)

Electric Carriage Call & Specialty Co., 311 W 40th, New York

Signs (Translucent)

See Ornaments, Transfer

13680a— *Signs (Traffic)

ROYAL STEEL PRODUCTS CO. (Municipal), 1440 B'way, New York

13681— Signs (Warning)

American La France Fire Engine Co. Inc., Elmira, N. Y.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Hageman Sign Co., 14H E Commerce, Youngstown, O.
Ingram-Richardson Mfg. Co., Beaver Falls, Pa. *See adv index at end of book*
Ready-Made Sign Co., 16 W 36th, New York
Safety First Supply Co., 107H Third av, Pittsburgh, Pa.
Stout Sign Co. (Flange), 2533H Sullivan av, St. Louis, Mo.

13682— Signs (Wire)

Bigelow Cheney Wire Works, Springfield, Mass.
Bryan Co., 2120 E 19th, Cleveland, O.
Buffalo Wire Works Co. (Roof, etc), 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Works Co., St. Paul, Minn.
Cincinnati Mfg. Co., Cincinnati, O.
Columbia Iron & Wire Works Co., Canton,
Deschauer Wire & Iron Works, 2009 Larrabee, Chicago, Ill.
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.
Mansfield Steel Corp., 288 Milwaukee av, E. Detroit, Mich.
MEYERS FRED J. MFG. CO., Hamilton, Ohio. *See adv index at end of book*
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Phoenix Wire Works, Kirby & Dequindre, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southwest Wire & Iron Works Co., Kansas City, Mo.
Spanjer Bros., 198 Badger av, Newark, N. J.
Steelite Co. (Roof), 1902 W 77th, Cleveland, O.
TYLER W. S. CO. (Roof, etc), Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Works, Milwaukee, Wis.

13682a— Signs (Wire Roof)

BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.
See adv index at end of book

13683— Signs (Wood)

Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Cincinnati Advtg. Prod. Co. (Wood Panel), Cincinnati, O.
Forman Co., 48H W B'way, New York
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Natl. Sign Co., Dayton, O.

NELKE L. D. SIGNS, NEW YORK, INC. (Machine Painted), 18 W. 36th, New York
See adv index at end of book
Up-to-Date Advertising Co., Canisteo, N. Y.

13684—Signs (Wood Letter)

Spanjer Bros. (Also Figures, Trade-Marks, etc), 198 Badger av, Newark, N. J.

13685—Signs & Letters (Prismatic Metal)

Herrlein & Henrich Co., 37H Greene, New York
Viking Sign Co., 527 5th av, New York

13686— Silencers (Gun)

Maxim Silencer Co., Hartford, Conn.

13686a—Silencers Motor Boat)

Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gordon Propeller & Mfg. Co., 9901 Desmond av, Cleveland, O.
Laughlin Thos. Co. ("Vapor"), Portland, Me. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc. ("Maxim"), Middletown, Conn.
See adv index at end of book

13687— Silex

Am. Flint Co., Iron City, Tenn.
Chrystal Chas. B. (Jobbers), 13 Cliff, New York. *See adv index at end of book*
Eureka Flint & Spar Co. (Floated), Trenton, N. J.
Fergusson Alex. C. Jr., 474 Chestnut, Phila. Pa. *See adv index at end of book*
Hammill & Gillespie (Job), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec bldg, Cleveland, O.
International Silica Co., Cairo, Ill.
National Silica Works, Berkeley Springs, W. Va.
Nevins Sam'l Co., 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y., 150 Nassau, New York
Product Sales Co., 32 So Calvert, Baltimore, Md.
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Special Service Flooring Corp., 2009 Grand Central Terminal, New York
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.
Wausau Quartz Co., Wausau, Wis.
Whitestone Marble Co., Atlanta, Ga.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
Wiarda John C. & Co. (Ground), 273 Greene, Brooklyn, N. Y.

13688— Silica (Fused)

Elmer & Amend, 205 3d av, New York
Engelhard Chas. (Agents), 30 Church, New York
HANOVIA CHEMICAL & MANUFACTURING CO., 100 Chestnut, Newark, N. J.
Lenz Apparatus Co., 9 E 16th, New York
Sidio Co. of America, 37 Murray, New York
Thermal Syndicate (Ltd.) ("Vitreosil" Imp), 50 E 41st, New York
Wilson-Maeulen Co. (Imp.), 511 E 145th, New York

13689-90-1— Silica Mfrs.

Beach City Silica Sand Co., Beach City, Ohio
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Edge Hill Silica Rock Co., New Brunswick, N. J.
Eureka Flint & Spar Co. (Floated), Trenton, N. J.
Harbison-Walker Refractories Co., H Farmers' Bank bldg, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hoosac, Marble Co., North Adams, Mass.
International Silica Co., Cairo, Ill.
Illinois Mineral Mining Co., E St. Louis, Ill.
INNIS, SPEIDEN & CO., INC. (Soft), 46 Cliff, New York
See adv index at end of book
Isco-Bautz Co. (Soft), 46 Cliff, New York
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
National Silica Co., Dept. H., Oregon, Ill.
Nevins Samuel Co., 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y., 150 Nassau, New York
New Jersey Pulverizing Co., 15 Park row, New York
Ohio Marble Co., Piqua, O.
Salomon L. A. & Bro., 216 Pearl, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
See adv index at end of book
Standard Silicon Co., Ridgway, Pa.
Tamms Silica Co., Stock Exchange bldg, Chicago, Ill.
Wagner Charles A. Co., Inc., 222H N Front, Phila., Pa.
Wausau Quartz Co., Wausau, Wis.
Wedron Silica Co., Ottawa, Ill.

Silicate of Carbon

See Carbon Black Mfrs

Silicate of Soda

See Sodium Silicate

13692-3-4-5-6—Silico Manganese

Beckman & Linden Engng. Corp., Balboa bldg, Pittsburgh, Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

13697— Silk (Artificial)

American Viscose Co., Marcus Hook, Pa.
Cleveland Art Silk Co., Cleveland, O.
H. K. M. Silk Co. (For Embroidery Purposes), Watertown, Conn.

13697a— Silk Floss

Hartman Bros., Inc. (Imp), 641 Atlantic av, Boston, Mass.

13698— Sills (Draft & End)

Campfield Raggle Block Co. (Terra Cotta Door & Window Sills), Richmond, Ind.
Gould Coupler Co. (Cast Steel), 30 E 42d, New York
Pittsburgh Equipment Co. (Cast Steel), House bldg, Pittsburgh, Pa.
Pressed Steel Car Co. (Car Steel), 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Car Steel), 122 S Michigan, Chicago, Ill.

13699— Silos

Adirondack Silo Co., Malone, N. Y.
AMERICAN CREOSOTING CO. (Creosoted), Bogalusa, La.
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Beaver Silo & Box Mfg. Co., Beaver Dam, Wis.
Bennett Bros. Co. ("Ideal"), Lowell, Mass.
Boeckler Lumber Co., Hall & Maelinckrodt, St. Louis, Mo.
Bridge's A. D. Sons (Round), Hazardville, Conn.
Butler Mfg. Co. (Steel), Kansas City, Mo.
Canton Culvert & Silo Co. ("Zyro"), Canton, O.
Central Unadilla Silo Co., Des Moines, Ia.
Challenge Co. ("Challenge"), Batavia, Ill.
Colby Cheese Box & Silo Co., Colby, Wis.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Cowmatic Corp. ("Adpaco" Wood & "Natco" Tile), Lynchburg, Va.
CRAINE SILO CO. INC., Norwich, N. Y.
See adv index at end of book
Deere John Plow Co., 130 Hickory, Kansas City, Mo., & Omaha, Neb.
Des Moines Silo & Mfg. Co., Des Moines, Ia.
Dickey U. S. Clay Mfg. Co. (Glazed Hollow Tile), Kansas City, Mo.
Duplex Mfg. Co., Superior, Wis.
Economy Silo & Mfg. Co., Frederick, Md.
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, Ohio
Harder Mfg. Co., Cobleskill, N. Y.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Harry Bros. Co. ("Harry's" Knock-Down, Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Huttig Sash & Door Co., 1200 S Vanderventer, St. Louis, Mo.
Illinois Silo & Tractor Co., Bloomington, Ill.
Indiana Silo Co., Anderson, Ind.
Intermountain Concrete Co. (Cement Stave), Ogden, Utah
International Silo Co., Linesville, Pa.
Iowa Tank & Silos Co, Waterloo, Ia.
Kalamazoo Tank & Silo Co. (Wood, Tile Block, etc), Kalamazoo, Mich.
Kretchmer Mfg. Co. (Galvanized, Cypress & Fir), Council Bluffs, Ia.
Lansing Silo Co. (Wood & Tile), Lansing, Mich.
Loomis J. H. & Sons ("Loomia"), Phoenix, N. Y.
Louisville Silo & Tank Co., Louisville, Ky.
McClure Co. ("Saginaw" All Steel Frame), Saginaw, Mich.
Michigan Wood Preserving Co. (Creosoted), ("Century"), Century bldg, Pittsburgh, Pa.
Minneapolis Stone Co., Fillmore & 16th av, N E, Minneapolis, Minn.
Monolithic Silo & Const. Co. ("Monsco"), Peoples' Gas bldg, Chicago, Ill.
Nappanee Lumber & Mfg. Co., Nappanee, Ind.
NATIONAL FIRE PROOFING CO. ("Natco" Hollow Tile), 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
NATIONAL TANK & PIPE CO. ("Cyclone" & "Iron Clad"), Kenton Sta., Portland, Ore.
See adv index at end of book
Pacific Pipe & Steel Co. ("Ideal" Green Feed Redwood & Douglass Fir), 318 Market, San Francsico, Cal.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Perfection Concrete Stove Silo Co., Des Moines, Ia.
Perfection Metal Products Co., Topeka, Kans.
Pittsburgh-Des Moines Steel Co. (Steel), 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Portland Silo Co., Portland, Ind.
Preston J. M. Co. (Vitrified Tile), Lansing, Mich.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Ross E. W. Co. (plain wood, creosoted wood & sectional metal), Springfield, O.
Schlichter E. F. Co. ("Philadelphia"), 10 S 18th, Phila., Pa.
Sengel Philip & Son (Wooden), Louisville, Ky.
Silo Specialty Mfg. Co., Clinton, Ia.
Southwest Mfg. Co., Oklahoma, Okla.
Stevens Tank & Tower Co. ("Dirigo," Wood), Auburn, Me.
Truscon Steel Co. (Kahn Building Products), Youngstown, O.
Tunglok Silo Co., Interstate bldg, Kansas City, Mo.
Twin City Tank Silo & Specialty Co., 38th av & N E 5th, Minneapolis, Minn.
Vernier Mfg. Co., Cedar Rapids, Ia.
Vesper Wood Mfg. Co. ("Open Door"), Vesper, Wis.
Western Silo Co. (Ltd.), Des Moines, Ia.
Woods Bros. Silo & Mfg. Co., Lincoln, Neb.

13699a— Silver Carbonate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

13699b— Silver Chloride

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

13699c— Silver Granulated

Handy & Harman, 55 Cedar, New York
Jackson John J. & Co., 158 Astor, Newark, N. J.
Ney J. M. Co., Hartford, Conn.

13700— Silver Leaf

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Ravskolb Fred W. Co., 103 Arch, Boston, Mass.
Swift M. & Sons, Hartford, Conn.

13700a— Silver Nitrate

Cooper Chas. & Co., 194H Worth, New York
Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Fuller Ralph L. Co., Inc., 81 Fulton, New York
Goldsmith Bros. Smelting & Refining Co., Heyworth bldg, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jackson John J. Co., 158 Astor, Newark, N. J.
Mallinckrodt Chem. Wks., 2d & Mallinckrodt, St. Louis, Mo.

13700b— Silver Oxide

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

13700c— Silver (Salt of)

Ames M. Chemical Wks., Glen Falls, N. Y.
Baker & Co., 54 Austin, Newark, N. J.
Mallinckrodt Chemical Wks., 2d & Mallinekrodt, St. Louis, Mo.
Powers-Weightman & Rosengarten Co., 916 Parrish, Phila., Pa.
Squibb E. R. & Sons, 80 Beekman, N. Y.

13700d—Silver Sheet & Wire

Hagstoz T. B. & Son, 709H Sansom, Phila., Pa.
Handy & Harman, 59H Cedar, New York
Leach & Garner Co., Dept. H, Attleboro, Mass.
United Wire & Supply Co., Elmwood av Providence, R. I.
Wall A. T. Co. (Wire), 162H Clifford, Providence, R. I.
White S. S. Dental Mfg. Co. (Wire), 211H S 12th, Phila., Pa.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

13700e— Silver Sulphurette

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

13701— Silverware (Plated)

Associated Silver Co. ("Yourex" Specialties), 5 S Wabash av, Chicago, Ill.
Buddle & Westermann, 7th av & 29th, New York
International Silver Co. ("Lashar"), Meriden, Conn.
Meyer Louis J., 804 Walnut, Philadelphia, Pa.
Oneida Community (Ltd.) ("Community") Oneida, N. Y.

13702— Silverware (Table)

(*) Indicates Sterling Ware; (†) Indicates Plated Ware

*Alvin Mfg. Co., Sag Harbor, N. Y.
*†American Mfg. Co., Meriden, Conn.

SILVERWARE (TABLE)—continued
†American Silver Co., Bristol, Conn.
†Barbour Silver Co. (Br. of International Silver Co.), Meriden, Conn.
Barth L. & Son (Dirs.), H Cooper sq, New York
†Benedict Mfg. Co., East Syracuse, N. Y.
†Bliss E. A. Co., Meriden, Conn.
†Florence Silver Plate Co., 108 W Lombard, Baltimore, Md.
†Forbes Silver Co. (Br. of International Silver Co.), Meriden, Conn.
†Franklin Silver Plate Co., Greenfield, Mass.
†Goodell Co., Antrim, N. H.
†Gorham Co. (Arch'l Bronze), 5th av & 36th, New York
Handy Specialty Co. (Hotel), 189 W Madison, Chicago, Ill.
*Hartford Sterling Co., 24th & Locust, Phila., Pa.
*†Holmes & Edwards Silver Co. (Br. of International Silver Co.), Bridgeport, Conn.
†Homan Mfg. Co., Findlay, Western & Hulbert av, Cincinnati, O.
*†International Silver Co., Meriden, Conn.
†Jennings Bros. Mfg. Co., Bridgeport, Conn.
†Knickerbocker Silver Co., Port Jervis, N. Y.
†Manning, Bowman & Co., Meriden, Conn.
*†Meriden Britannia Co. (Br. of International Silver Co.), Meriden, Conn.
†Meriden Silver Plate Co. (Br. of International Silver Co.), Meriden, Conn.
Oneida Community (Ltd.), ("Community"), Oneida, N. Y.
Oneida Community (Ltd). Kenwood, N. Y.
†Pairpoint Corp., New Bedford, Mass.
†Paye & Baker Mfg. Co., N Attleboro, Mass.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
†Queen City Silver Co., Fillmore & Richmond, Cincinnati, O.
*†Reed & Barton Corp., Taunton, Mass.
Regal Silver Mfg. Co. ("Regal"), New Haven, Conn.
†Rice's Bernard Sons, 325 5th, New York
†Robeson Cutlery Co., Rochester, N. Y.
†Rogers Simmon L. & Geo. H. Co., Hartford, Conn.
†Rogers, Smith & Co. (Br. of International Silver Co.), Meriden, Conn.
*†Rogers Wm. A. (Ltd.), Niagara Falls, N. Y.
†Rogers Wm. Mfg. Co. (Br. of International Silver Co.), Meriden, Conn.
†Rogers & Bro. (Br. of International Silver Co.), Waterbury, Conn.
†Rogers & Hamilton Co. (Br. of International Silver Co.), Waterbury, Conn.
*†Simpson, Hall, Miller & Co. (Br. of International Silver Co.), Wallingford, Conn.
†Smith E. H. H. Silver Co., Bridgeport, Conn.
*Tiffany & Co., 5th av & 37th, New York, N. Y.
*Towle Mfg. Co., Newburyport, Mass.
*†Wallace R. & Sons Mfg. Co., Wallingford, Conn.
*†Watrous Mfg. Co. (Br. of International Silver Co.), Wallingford, Conn.
*Weidlich Sterling Spoon Co., Bridgeport, Conn.
*Whiting F. M. & Co., No. Attleboro, Mass.
*Whiting Mfg. Co., Bridgeport, Conn.
*†Wilcox Silver Plate Co., (Br. of International Silver Co.), Meriden, Conn.
†Williams Bros. Mfg. Co., Glastonbury, Conn.
Wostenholm Geo. & Son, 105 Chambers, New York

13702a—*Single Phase Railway System

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

13703—Singletrees, Doubletrees & Whiffletrees (Wood)

Acme Wagon Co., Emigsville, Pa.
Adams E. B. & Son, Racine, Wis.
Ashboro Wheelbarrow Co., (Singletrees Only), Ashboro, N. C.
Atkins Bros., Attoway, Va.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy, Baltimore, Md.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila, Pa.
Burrough-Ross-Colville Co., McMinnville, Tenn.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Canfield Mfg. & Novelty Co., Canfield, O.
Collins Hilton Co. (Plow & Wagon Singletrees & Doubletrees), Louisville, Ky.
Columbiana Mfg. Co., Columbiana, O.
Crane & MacMahon ("Star," "Hickory"), 10 Bridge, New York
Crook Son & Co., Hicksville, O.
Dugger & Goshorn, Memphis, Tenn.
Faeth Iron Co. (Iron), 1125 N 8th, Kansas City, Mo.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Graham Thos. & Co., Madison, Ind.
Harvey Spring & Forging Co., Racine, Wis.
Heider Mfg. Co. (Wagon, Plow, etc), Carroll, Ia.
Heiser J. B., Atwater, O.
Hershel R. Mfg. Co., Single & Doubletrees, Peoria, Ill.
Holt Bros. Mfg. Co., Concord, N. H.
Hoyt John Co., Delaware, N. J.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Lack Singletree Co., Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Leonard F. B. & Co., Metropolis, Ill.
Lindsay Mfg. Co., Ottumwa, Ia.
Look & Lincoln, Marion, Va.
Manchester Mfg. Co., Manchester, Tenn.
Mason F. C. & Co., St. Johns, Mich.
Medina Bending Works, Medina, O.
Metropolis Bending Co., Metropolis, Ill.
Mills Ellsworth Co., Keokuk, Ia.
Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
North Indianapolis Cradle Works, Indianapolis, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Peterson Samuel, Warren, Pa.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Pioneer Pole & Shaft Co., Piqua, O.
Prouty C. & Co., Eldred, Pa.
Racine General Mfg. Co. (Jobbers), Racine, Wis.
Ransome Concrete Machinery Co., Dunellen, N. J.
Sanitary Cement Co., Everett, Mass.
Sequatchie Handle Works, Sequatchie, Tenn.
Shupp Homer A., Effort, Pa.
Southern Plow Co., Columbus, Ga.
Stevens A. E. & Co., Portland, Me.
Tanner D. F., Holland, N. Y.
Thornburgh Mfg. Co., Bowling Green, O.
Titusville Handle Co., Titusville, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
Turnbull Motor Truck & Wagon Co. (Hickory Wagon Sets), Defiance, O.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansville, Ind.
Westwood Turning Co., Fremont, O.
Wildermuth Bending Co., Columbus, O.

13704—Singletrees (Hay Hoisting)

Louden Machinery Co., Fairfield, Ia.
Myers F. E. & Bro., 900 4th, Ashland, O.
See adv index at end of book

13705—Singletrees & Doubletrees (Steel)

Avery B. F. & Sons, Louisville, Ky.
Empire Plow Co., 3140 E 65th, Cleveland, O.
Sharon Steel Hoop Co., Sharon, Pa.
Southern Plow Co., Columbus, Ga.
Towers & Sullivan Mfg. Co., Rome, Ga.
U. S. Pressed Steel Co., Ypsilanti, Mich.
YOUNGSTOWN PRESSED STEEL CO., Warren, O.
See adv. index at end of book

13706— Sink Backs

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Bignall Co., Medina, N. Y.
Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel), 299 B'way, New York
Sanitary Co. (Cast Iron), Dept. H, Linfield, Pa.

13707— Sinkers (Fish Line)

General Phonograph Corp., 25 W 45th, New York

13708— Sinks (Kitchen)

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
DONLEY BROTHERS CO. THE ("D. B." Stop Sinks), 3625 E 74th, Cleveland, O.
See adv index at end of book
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York
Iron City Sanitary Mfg. Co., Dept. H, Oliver bldg, Pittsburgh, Pa.
Sanitary Co. (Cast Iron, Plain & Galvanized), Dept. H., Linfield, Pa.
Sanitas Mfg. Co. ("Gloucester," "Essex," "Wenshaw"), 105 Washington, Boston, Mass.
Standard-Elsmere Granite Co., 1752 N Spaulding av, Chicago, Ill.
Weiskittel A. & Son Co., 12th & Lombard, Baltimore, Md.
Wesely Chas. Co., 3126 S Canal, Chicago, Ill.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

Sinks (Porcelain)

See Bath Tubs, Porcelain

13709—Sinks (Pot & Vegetable)

Sexton S. B. Stove & Mfg. Co. (Hotel, etc.), 509 W. Conway, Baltimore, Md.

13710— Sinks & Trays

See also Bath Tubs, Various Kinds; also Laundry Tubs, Various Kinds
Alberene Stone Co. (Soapstone), 223 E 23d, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Auld & Conger Co. (Soapstone), 942 Prospect, Cleveland, O.
Barnes Mfg. Co. (Enameled Kitchen Rolled & Flat Rim Sinks), Mansfield, O.
Bieg Henry (White Porcelain), 56 Wallabout, Brooklyn, N. Y.
Blairsville Sanitary Co. (Enameled Iron), Blairsville, Pa.
Cahill Iron Works ("Southern Beauty" Enameled Iron), Chattanooga, Tenn.
Central Foundry Co. (Cast Iron), 90 West, New York
Columbia Sanitary Mfg. Co. (Enameled Ware), Louisville, Ky.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crestline Mfg. Co. (Cast Iron), Crestline, Ohio
Douglas Jno. Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co. (Enameled Iron) 181 Lucas, Columbus, O.
Euclid Stone & Brick Co. ("Euclid" Stone), Cleveland, O.
Glenn Fred E. (Kitchen & Slop Sinks), St. Charles, Ill.
Graham Charles Chemical Pottery Works (White Porcelain & Brown Vitrified), 986 Metropolitan av, Broklyn, N. Y.
Hains Jones & Cadbury Co. ("Hajoca" Cast Iron), 1136 Ridge av, Philadelphia, Pa.
Humphryes Mfg. Co. (Cast Iron Porcelain Enameled, for Factories), Mansfield, O.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Iron City Sanitary Mfg. Co. (Enameled Iron), Oliver bldg, Pittsburgh, Pa.
Johnson J. D. Co. (Copper), 43 Boerum pl, Brooklyn, N. Y.
Keenan Struct. Slate Co. (Slate), Bangor, Pa.
Kilbourne & Jacobs Mfg. Co. (Wrought Steel), Columbus, O.
See adv index at end of book
Kohler Co., Dept. H, Kohler, Wis.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel, "L. & G."), 299 B'way, New York
Limberg Enameling Co. (Enameled Iron), Florence av, Cincinnati, O.
Litterer Bros. Mfg. Co. (Pantry), 154 Whiting, Chicago, Ill.
Lodge Mfg. Co. (Cast Iron Stamped), South Pittsburgh, Tenn.
McDonald A. Y. Mfg. Co. (Slop), Dubuque, Ia.
McVay-Walker Co. (Enameled), Braddock, Pa.
Maddock's Thomas Sons Co. (Earthenware), Trenton, N. J.
Mann Mfg. Co. (Clinic Slop Sinks), 17 W Parkway, Pittsburgh, Pa.
Monson Maine Slate Co. (Slate), 112 Water, Boston, Mass.
Mott J. L. Iron Works (Porcelain & Iron Enameled), Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
National Enameling & Stamping Co. (Kitchen Sinks, Wrought Steel), 411 5th av, New York
Nelson N. O. Marble Co. (Slate), Edwardsville, Ill.
New York Slate Works (Slate), 255 E 138th, New York
Noyes & Nutter Mfg. Co. (Cast Iron), Bangor, Me.
Penn Enameled Sink Co., Indiana, Pa.
Phoenix Soapstone Co. (Soapstone), 71 Murray, New York
Richmond Radiator Co. (Enameled Iron), 1480 B'way, New York
Sanitas Mfg. Co. ("Manchester," "Magnolia," "Beverly," "Salem" Pantry, "Lowell," "Lawrence" Slop), 105 Washington, Boston, Mass.
Slatington Slate Co. (Slate), Slatington, Pa
Standard Sanitary Mfg. Co. (Enameled Iron), Bessemer bldg. Pittsburgh, Pa.
Swett A. L. Iron Wks. (Cast Iron), 145 Glenwood av, Medina, N. Y.
Trageser Jno. Steam Copper Works (Copper), 447 W 26th, New York
Trenton Potteries Co. (Earthenware), Trenton, N. J.
Unger John F. Slate Co, (Slate), Slatington, Pa.
Union Sanitary Mfg. Co. (Cast Iron Enameled), Noblesville, Ind.
United States Sanitary Mfg. Co. (Enameled Iron), Arrott bldg, Pittsburgh, Pa.
Vollrath Co. ("Vollrath" Enameled Sinks), Sheboygan, Wis.
Walls, Owen & Stambach Co. (Soapstone), 11th & Hamilton, Philadelphia, Pa.
Weiskittel A. & Son Co. (Enameled Iron), 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. (Enameled Iron), Wheeling, W. Va.
Wolff Mfg. Co. (Cast Iron, Steel, Porcelain Lined, Grey, Enameled Slate & Soapstone), 255 N Hoyne av, Chicago, Ill.

13710a—Sintering Plant Equipment

American Ore Reclamation Co., 71 B'way, New York
Bartlett C. O. & Snow Co., French, Cleveland, O. *See adv index at end of book*
SINTERING MACHINERY CORP., Netcong, Morris Co., N. J.
See adv index at end of book

13711— Siphons (Sewage)

Merritt Hydraulics Co. ("Moise," "Merritt," Automatic Flushing Aerlock for Control of Sewage & Other Liquids), 110 N Broad, Phila., Pa.
Modern Iron Works ("Rhoads-Williams" Raw Sewage), Quincy, Ill.
Priestman Albert ("Merritt" Automatic Flushing Airlock for Control of Sewage and Other Liquids), 328 Chestnut, Philadelphia, Pa.

13712—Siphons (Water, for Flushing Sewers)

Merritt Hydraulics Co., 110 N Broad, Phila. Pa.

13712a— Sirens

See also Horns & Whistles

Federal Electric Co., 640 W Lake, Chicago, Ill.
Star Brass Mfg. Co. ("Star" Air & Steam for Factory & Marine Use), 53 Oliver, Boston, Mass.

13713— Size

See also Paste

American Type Founders Co. (Gold), 200 William, New York
Arabol Mfg. Co. (Dry Rosin; also Hot & Cold Water, etc), 100 William, New York
Ault & Wiborg Co. (Gold), Cincinnati, O.
Babcock Jno. & Co. (Gold), Allston, Boston, Mass.
Bloede Victor G. Co. (Textile), Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose" Textile, also Gums), 3722 N Randolph, Phila., Pa.
Bosson & Lane, Atlantic, Mass.
Campbell John & Co., 75 Hudson, New York
Chemical Products Co. (Hat Size), 30 Charles River rd, Boston, Mass.
Clark Paper & Mfg. Co. ("Steko" Powdered Wall Size), Rochester, N. Y.
Cleveland Varnish Co. (Gold), 3111 E 87th, Cleveland, O.
Cott-a-Lap Co. ("Bull Dog" & "Magic" Wall Paper), Somerville, N. J.
Devoe & Raynolds Co., Inc. (Gold), 101 Fulton, New York
Diamond Paste Co. (Vegetable), Albany, N. Y.
Eastern Paper Makers Chemical Co., Watertown, N. Y.
Fergusson Alex. C. Jr., 474 Chestnnut, Phila., Pa. *See adv index at end of book*
FOX M. EWING CO. (Painters' & Paperhangers'), 241 E 136th, New York
Fuller H. B. Co. ("Fullers Barnacle" Paperhangers & Painters), 188 W 3d, St. Paul, Minn.
General Adhesive Mfg. Co. Inc. (for Textiles "Dragon"), 469 Greenwich, New York
Herrick & Voight, 68 Maiden la, New York
McMeekan D. Mfg. Co. (Paper & Textile), 1070 Pacific, Brooklyn, N. Y.
Manhattan Color Works ("Manhattan" Alum Size), 1035 Kelly, New York
Mayer & Loewenstein (Gold), 164 Water, New York
Morrill Geo. H. Co. (Gold), Norwood, Mass.
Munro Robt. A. & Co., 25 Pine, New York
National Aniline & Chemical Co., Inc. (for Textiles), 21 Burling Slip, New York
National Gum & Mica Co., 59th & 11th av, New York
Nat'l Rosin Oil & Size Co. (Rosin, Dry & Liquid), 90 West, New York
Paper Makers Chemical Co. (Rosin), Easton, Pa.
Pawtucket Mordant Co., Pawtucket, R. I.
Pierce F. O. Co. (Gold), 10 E 43d, New York
Providence Drysalters Co. (Textile), 86 East Greenwich, R. I.
Rauskolb Fred W. Co. (Gold), 103 Arch, Boston, Mass.

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of
BEEF SKEWERS LAMB SKEWERS BURLAP SKEWERS
Blunt and Pointed Confectioners' Taffy Sticks, Floral Sticks, Hardwood and Softwood Polished Maple Meat Skewers a Specialty
364 5th Avenue New York City

Royal Chemical Co. (Textile), Phenix, R. I.
Schweitzer Samuel, 660 W Lake, Chicago, Ill.
Seydell Mfg. Co. ("Sizol"), 88 Forrest, Jersey City, N. J.
Sisk R. J. Mfg. Co. (Paperhangers & Painters), New London, Conn.
Tanner Chas. S. Co. (Textile), 250 So Water, Providence, R. I.
Waxene Size Co., Fall River, Mass.
Weil S. & Son, 194 Franklin, New York
Wiggins H. B. Sons Co., Bloomfield, N. J.
Wolf Jacques & Co., Passaic, N. J.
Zobel Ernst Co., 112 2d av, Bklyn, N. Y.

13714— Sizers (Broom)

Walrath Alphonso Co. ("Hurt"), Fort Plain, N. Y.

13715— Sizers (Screenless)

Stearns-Roger Mfg. Co. ("McKesson-Rice"), Denver, Colo.

13716—Sizers (Wood Turners')

Kraeuter & Co., 583 18th av, Newark, N. J.

13716a— Sizings (Rosin)

Sizing Specialties Co., Jersey City, N. J.
Vera Chemical Co. (For Paper Mfrs.), North Milwaukee, Wis.

13717— Skates (Ice)

Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Brown Spring Ice Skate Co., Webster City, Iowa
Conron-McNeal Co (Extension), Kokomo, Ind.
Johnson Nestor Mfg. Co. ("Hockey"), 1237 N California av, Chicago, Ill.
King Joseph Mfg. Co., Troy, N. Y.
Kohler Die & Specialty Co. ("20th Century"), De Kalb, Ill.
Lowentraut P. Mfg. Co. ("U. S."), 36 Brenner, Newark, N. J.
Planert F. W. & Son, 941 N Robey, Chicago, Ill.
Strauss J. E. ("Strauss Diamond Edge" Racing), St. Paul, Minn.
Union Furnace Mfg. Co., Union Furnace, Pa.
Union Hardware Co., Torrington, Conn.
Winchester Repeating Arms Co. ("Barney & Berry", "Winchester"), New Haven, Conn.
Winslow Samuel Skate Mfg. Co., Worcester, Mass.

13718— Skates (Roller)

American Skate & Mfg. Co. ("Rollfast" Ball Bearing), Reading, Pa.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Barney & Berry, Springfield, Mass.
Brown Spring Ice Skate Co., Webster City, Ia.
Chicago Roller Skate Co. ("Velvet Thread" Ball Bearing), 224 N Ada, Chicago, Ill.
Gropper M. & Sons ("Crown Roller"), 36 Union sq, New York
Henley Skate Co., Richmond, Ind.
Kohler Die & Specialty Co. ("20th Century"), De Kalb, Ill.
Richardson Ball Bearing Skate Co. (Pneumatic), 154 E Erie, Chicago, Ill.
Union Hardware Co., Torrington, Conn.
Winchester Repeating Arcs Co. ("Barney & Berry", "Winchester"), New Haven, Conn.
Winslow Samuel Skate Mfg. Co., Worcester, Mass.

13719— Skeins (Wagon)

American Skein & Foundry Co. ("Rocky Mountain" Steel, "Sandage," "Columbus," "Red Label," "Anderson Leader" Wrought Steel, "D. V." "Indiana" Cast, "Brown's," "Hoosier"), Racine, Wis.
Illinois Iron & Bolt Co. ("D. V. & Co." "I. I. & B. Co.," "Dundee" Cast Iron, "Columbus," "Sandage," "Western," "Standard" Steel), Carpentersville, Ill.
St. Louis Malleable Casting Co. (Malleable Iron), 7700 N Broadway, St. Louis, Mo.
Schreyer G. Co. (Steel), Columbus, O.
Southern Skein & Foundry Co. (Steel & Cast), Chattanooga, Tenn.
Studebaker Corp., South Bend, Ind.

13720—Skeins & Boxes (Thimble)

Colebrookdale Iron Co., Pottstown, Pa.

13721— Skewers (Steel, Meat)

Auer John, Jr., 197 Middleton, Brooklyn, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Gem Stopper Co. ("Gesco"), 2120 Nicholas, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark, New Britain, Conn.
Parker Wire Goods Co., Worcester, Mass.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
U. S. Needle Concern, 912 W Madison, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

13721a— Skewers (Wire)

Gem Stopper Co., 2120 Nicholas, Phila., Pa.

13722— Skewers (Wood)

Atwood, Crawford Co., Pawtucket, R. I.
Berst Mfg. Co., Saginaw, Mich.
BOGERT & HOPPER, INC. (Meat & Burlap), 57 Barclay, New York
See adv index at end of book
CUTTER-TOWER CO. INC., 405H Lexington av, New York
ESTES E. B. & SONS (Burlap, Candy & Meat), 364 5th av, New York
See adv index at end of book
Gem Stopper Co. ("Gesco"), 2120 Nicholas, Phila., Pa.
Grover R. A., Andover, Me.
National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.

SINTERING MACHINERY CORPORATION
NETCONG, MORRIS CO., NEW JERSEY
Sintering Machines and Accessory Apparatus for Roasting and Sintering Copper, Lead, Zinc, Iron Ores and By-Products; also Non-Metal Substances.
Complete Installations Fabricated and Erected
LICENSED TO MANUFACTURE UNDER DWIGHT & LLOYD PATENTS

SKEWERS (WOOD)—continued
Peirce W. E. & Co., Milford, N. H.
Setter Bros. Co., Cattaraugus, N. Y.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Weis & Lesh Mfg. Co., Muncie, Ind.

13723— Ski Mfrs.

Northland Ski Mfg. Co., St. Paul, Minn.
Paris Mfg. Co., South Paris, Maine
Strand Martin A., New Richmond, Wis.
Tubbs W. F., Norway, Me.

Skidders (Log)

See Log Skidding & Loading Machines

13724-5— Skids

Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Fairbanks Co. (Barrel), 416 Broome, New York
Gruman Ice Tool Works, Branchville, Conn.
Howe Scale Co. of Ill., 1315 S Wabash av, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O. *See adv index at end of book*
Lansing Co., Lansing, Mich.
Michigan Truck & Lumber Co., Holly, Mich.
National Iron Co. (Mining & Derrick), Duluth, Minn.
Never-Skid Mfg. Co. ("Never-Skids" for Motor Trucks), 150 Nassau, New York
N. Y. Wheelbarrow Works, 180 West, New York
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
ZERING H. MFG. CO., B. & O. Ry. & Hickory, Oakley, Cincinnati, O. *See adv index at end of book*

Skimmers (Boiler)

See Cleaners, Skimmers, Boiler

13726— Skimmers (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.

13727— *Skips (Cableway)

Clyde Iron Works & Sales Co., Duluth Minn. *See adv index at end of book*

13728— Skips (Mining)

See also Cages, Mining

Allis-Chalmers Mfg. Co. (Dumping & Hoisting), Milwaukee, Wis.
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
Continental Bridge Co. (Derricks), 460 Monadnock, Chicago, Ill.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Stone, Vertical, Shaft, Double & Single Deck & Incline), Columbus, O. *See adv index at end of book*
Lake Shore Engine Works ("De Beer's" Self-Dumping, etc), Marquette, Mich.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Sanford-Day Iron Works, Knoxville, Tenn.
Stephens-Adamson Mfg. Co. ("S.-A." Steel), Aurora, Ill.
Tippet & Wood, Phillipsburg, N. J.
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Truax Mfg. Co., Denver, Colo.
Wellman-Seaver-Morgan Co., Cleveland, O. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

13728a—Skips (Stone & Cement)

See also Boxes, Scale

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.

Skips (Stone or Concrete)

(See Boxes, Scale

13729-30—Skylight Ventilating Apparatus

See also Ventilating Apparatus for Greenhouses & Buildings

American Tar Products Co., 208 S La Salle, Chicago, Ill.
BAKER E. & CO., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Drouve G. Co. ("Lovell" & "Straight Push"), 40 Tulip, Bridgeport, Conn.,
Evans John A. Co. ("The Evans"), Richmond, Ind.
General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
Kirk Habicht Co. (Lifts), 108 S Calvert, Baltimore, Md.
Lyster Sheet Metal Co. ("Lyster"), 1220 Filbert, Phila., Pa.
Mertz John Mfg. Co., Sandusky, O.
Milwaukee Corrugating Co., Milwaukee, Wis.
Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill.
Pullman Ventilator & Mfg. Co., York, Pa.

Skylights

See Cornices & Skylights; also Sub-Classifications following

13731— Skylights (Ornamental Iron)

Consolidated Sheet Metal Wks., 661 Hubbard, Milwaukee, Wis.
International Steel & Iron Co., Evansville, Ind.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

Skylights (Prism System)

(See Glass, Prismatic)

13732—Skylights (Puttyless)

Basman A. M. & Co., 468 Fort W., Detroit, Mich.
Drouve G. Co., 40 Tulip, Bridgeport, Conn.
Florida Metal Products Co., Jacksonville, Fla.
General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
Lupton's, David Sons Co. ("Lupton" Rolled Steel), Allegheny av & Tulip, Phila., Pa.
Milwaukee Corrugating Co. ("Milcor" All Steel), Milwaukee, Wis.
National Skylight & Vent Co., Rochester, N. Y.
National Ventilating Co., 337 E 26th, New York
Nonpareil Skylight Co., 2611 Penna. av, N W, Washington, D. C.
Schoedinger F. O. ("Fosco"), 142 N 3d, Columbus, O.
VAILE & YOUNG, Ridgely & Bush, Baltimore, Md.
Van Noorden E. & Co. ("Anchor Bar"), 100 Magazine, Boston, Mass.

13733— Slabs (Marble)

Nelson N. O. Marble Co., Edwardsville, Ill.

13734— Slabs (Oil Stone)

McDermott Stone Co., McDermott, O.

13735—Slag (Concrete & Roofing, Etc.)

American Slag Co. Land Title bldg., Phila., Pa.
Birmingham Slag Co., Jeff. Co. Bk. bldg, Birmingham, Ala.
Carnegie Steel Co. (Crushed), Carnegie bldg, Pittsburgh, Pa.
Duquesne Slag Products Co. (For Concrete R. R. Ballast, Roofing, Roads, etc), **Diamond Bank bldg, Pittsburgh, Pa.**
Emanuel & Co., Catasaqua, Pa.
France Slag Co., 2nd Nat'l Bank bldg, Toledo, Ohio
Illinois Improvement & Construction Co., 208 S La Salle, Chicago, Ill.
Little Wm., Conshohocken, Pa.
Perry Iron Co. (Granulated), Erie, Pa.
Standard Slag Co., Youngstown, O.
Temple Slag Co., Land Title bldg, Philadelphia, Pa.
Thomas Furnace Co. (Crushed), 740 Kinnickinnic, Milwaukee, Wis.

13736— Slate Columns

American Slate Co., Easton, Pa.
Criterion Slate Co., Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.

13737— Slate (Crushed)

Bangor Structural Slate Co., Bangor, Pa.
Central Commercial Co., 111 N Market, Chicago, Ill.
Keenan Structural Slate Co., Bangor, Pa.

13738— Slate Dust

Bangor Structural Slate Co., Bangor, Pa.
Slatington Slate Co., Slatington, Pa.

13739— Slate Floor Tile

American Slate Co., Easton, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Durick, Keenan & Co., Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Slate Co., 148 State, Boston, Mass.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J. K., Danielville, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.
Penrhyn Slate Co., Hydeville, Vt.
Slatington Slate Co., Slatington, Pa.
STRUCTURAL SLATE CO., Pen Argyl, Pa. *See adv index at end of book*
Williams Slate Co., Mutual bldg, Richmond, Va.

13740— Slate Flour

Atlas Mineral Products Co., Dept. H, Mertztown, N. J.
Chrystal Chas. B., 13 Cliff, New York *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Hower J. K., Danielsville, Pa.
Williams C. K. & Co. (Mfrs.), Easton, Pa. *See adv index at end of book*

13741—Slate for Electrical Purposes

American Slate Co., Easton, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Bonville Edw., Fair Haven, Vt.
Clark & Flanagan, Fair Haven, Vt.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Crown Slate Co., Pen Argyl, Pa.
Davis Slate & Mfg. Co., 618 E 40th, Chicago, Ill.
Doggett, Stanley (Soapstone), 11 Cliff, New York
Fair Haven Marble & Marbelized Slate Co., Fair Haven, Vt.
Genuine Washington Slate Co., Slatington, Pa.
Hower J. K., Danielsville, Pa.
Hydeville Slate Works, Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.
Lin-Stun Co. (Sandstone), 5010 Gloster, Pittsburgh, Pa.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
M'Namara Bros., Fair Haven, Vt.
Monarch Black Board & Structural Slate Co., Slatington, Pa.
New York Slate Works, 255 E 138th, New York
O'Day Bros. (Plain & Marbelized), Hydeville, Vt.
OLD ENGLISH SLATE QUARRIES Switchboards, Circuit Breakers & Knife Switches, Panel Boards), 10 Milk, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Slate Co., Dept. H, Wind Gap, Pa.
Phoenix Soapstone Co., 71 Murray, New York
Portland-Monson Slate Co. ("Monson"), Portland, Me. *See adv index at end of book*



Shenton Thos. H., Slatedale, Pa.
Slatington Slate Co., Slatington, Pa.
Stone Base & Panel Co. (Treated Sand Stone), Columbus, O.
STRUCTURAL SLATE CO., Pen Argyl, Pa. *See adv index at end of book*
Woodley Slate Co., Bangor, Pa.
Young A. B. Co., Fair Haven, Vt.

Slate Grave Covers

See Burial Cases & Vaults, Slate

13742— Slate (Laminated)

Central Commercial Co. (Miners'), 111 N Market, Chicago, Ill.

13742a—*Slate (Landscape Garden Work & Terrace)

Keenan Structural Slate Co., Bangor, Pa.
OLD ENGLISH SLATE QUARRIES, 10 Milk, Boston, Mass.

13743—Slate (Mausoleum or Catacomb)

Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.
STRUCTURAL SLATE CO., Penn Argyl, Pa. *See adv index at end of book*

13744— Slate Mill Stock

American Slate Co., Easton, Pa.
Bangor Structural Slate Co. (Jobbers), Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.

Hahn Granville (Mantel Stock), Walnut Port, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J K, Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Slatington Slate Co., Slatington, Pa.
Stoddard D. & Sons, Bangor, Pa.
STRUCTURAL SLATE CO., Pen Argyl, Pa. *See adv index at end of book*
Williams Slate Co., Mutual bldg, Richmond, Va.
Woodley Slate Co., Bangor, Pa.

13745—Slate Morgue & Dissecting Slabs

Bangor Structural Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa.
STRUCTURAL SLATE CO., Pen Argyl, Pa. *See adv index at end of book*

Slate (Plumbers')

See Slate Urinal Slabs, etc.

13745a— Slate (Powdered)

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book

Slate Radiator Tops

See Slate Stairs, Treads & Risers

Slate Refrigerator Linings

See Slate Stair Treads & Risers

13746— Slate Register Frames or Borders

American Slate Co., Easton, Pa.
Durick Keenan & Co., Fair Haven, Vt.
Hinchey Patrick F. & Co., Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.
Ludlow Saylor Wire Co. (Double Crimped), 319H Pine, St. Louis, Mo.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Williams Slate Co., Mutual bldg, Richmond, Va.

Slate (School)

See Slates, School; also Black Boards, Slate

Slate Sinks

See Laundry Tubs, Slate; also Slate Urinal Slabs, Etc.

13747—Slate Stair Treads & Risers

Albion Bangor Slate Co., Wind Gap, Pa.
American Slate Co., Easton, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co. (Also Chimney Tops & Refrigerator Linings), Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Crown Slate Co., Pen Argyl, Pa.
Durick Keenan & Co., Fair Haven, Vt.
Excelsior Slate Co., Pen Argyl, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hahn Granville, Walnut Port, Pa.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Kirtland W. H. (Jobbers), 1123 B'way, New York
Miller O. A. Slate Co. (Jobbers), Slatington, Pa.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works, 255 E 138th, New York
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Slate Co., Windgap, Pa.
Schaeffer R. F. (Jobber), Bangor, Pa.
Slatington-Bangor Slate Syndicate (Jobbers), Slatington, Pa.
Structural Slate Co., Pen Argyl, Pa. *See adv index at end of book*

Structural Slate Co.
Pen Argyl, Pa.
Standardized Pennsylvania Slate for Stairway Treads, Risers and Landings.

Tinsman M. L. & Co., Pen Argyl, Pa.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Mutual bldg, Richmond, Va.
Woodley Slate Co., Bangor, Pa.

13747a— Slate (Structural)

See Slate; also Stair Treads & Risers

Bangor Slate Mining Co. (Work), Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Davis Slate & Mfg. Co., 618 E. 40th, Chicago, Ill.
Hill Wm. G., 70 Wall, New York
Kennan Structural Slate Co., Bangor, Pa.
KNICKERBOCKER SLATE CORP., 153 E 38th, New York
Penn Structural Slate Co., Inc., 309-311 Drake bldg, Easton, Pa.
Phoenix Slate Co., Dept. H, Wind Gap, Pa.
Superior Slate Co., Inc. ("Penna. Black"), Allentown, Pa.
Structural Slate Co., Pen Argyl, Pa. *See adv index at end of book*

Structural Slate Co.
Pen Argyl, Pa.
Standardized Slate for Stairways, Switchboards, Enclosures, Vaults, Grave Linings, Laundry Tubs and Sinks, etc.

13748— Slate Tanks & Vats

Blue Mountain Slate Co., Slatington, Pa.
Blue Mountain Slate Co., Slatington, East Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Keenan Structural Slate Co., Bangor, Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works ("Empire"), 255 E 138th, New York
Old English Slate Quarries, 10 Milk, Boston, Mass.
Penrhyn Slate Co., Hydeville, Vt.
Portland-Monson Slate Co. ("Monson" for Chemical Mfrs.), Portland, Me. *See adv index at end of book*
STRUCTURAL SLATE CO., Pen Argyl, Pa. *See adv index at end of book*

Slate Tile

See Slate Floor Tile

13749—Slate Urinal Slabs, Etc.

American Slate Co., 17 Southampton, Boston, Mass.
American Slate Co., Easton, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Durick Keenan & Co., Fair Haven, Vt.
Excelsior Slate Co., Pen Argyl, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Va.
Hahn Granville, Walnut Port, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Kimes J. B. & Co., 24th & Callowhill, Philadelphia, Pa.
Kirtland W. H. (Jobber), 1123 B'way, New York
McConnell Slate Co., 2445 Pacific, B'klyn, N. Y.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works, 255 E 138th, New York
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Penrhyn Slate Co., Middle Granville, N. Y.
Phoenix Slate Co., Windgap, Pa.
Slatington Slate Co., Slatington, Pa.
Snyder E. F., Slatington, Pa.
Structural Slate Co., Pen Argyl, Pa. *See adv index at end of book*

URINAL STALLS AND ENCLOSURES STANDARDIZED
Structural Slate Co.
Pen Argyl, Pa.

Troy Bros. & Co., 975 Mass. av, Rox, Boston, Mass.
Western Slate Co., 326-328 Aberdeen, Chicago, Ill.
Williams Slate Co., Mutual bldg, Richmond, Va.

Slate Vault Lining

See Burial Cases & Vaults, Slate

13750— Slates (School)

American Slate Works, Slatington, Pa.
Bangor School Slate Co. ("Star," "Crescent"), Bangor, Pa.
Griffin Bros., Bangor, Pa.
National School Slate Co., Slatington, Pa.
Shenton Thos. H., Slatedale, Pa.

13751-2— Slats (Pole)

Hallett Iron Works (Safety), Harvey, Ill.

13753— Sledge Mfrs.

See also Hammers, Heavy

Beall Bros. (Blacksmiths' Stone, etc), Alton, Ill.
Brunner & Lay (Quarry, etc), 570 W Polk, Chicago, Ill.
Ernsdorff John Iron Co. ("Jerico" Bob for Farm Use), Dubuque, Ia.
Evansville Tool Works (Coal, Blacksmith's Stone, etc), Evansville, Ind.
Fulton Tool Works (Miners, etc), Canal Fulton, O.
Hammond C. & Son, Ogontz, Pa.
Hardsocg Mfg. Co. (Solid Cast Steel), Ottumwa, Ia.
Hardsocg Martin Co. (Coal), 922 South av, Pittsburgh, Pa.
Heller Bros. Co. (Octagon Turning, etc), 879 Mt. Prospect av, Newark, N. J.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Solid Cast Steel), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Vulcan Tool Mfg. Co., Quincy, Mass.
WARREN TOOL & FORGE CO. (Blacksmiths, Coal, Stone Turning), Warren, O. *See adv index at end of book*



Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co. (Cast Steel), What Cheer, Ia.

13754— Sleds (Bob)

Acme Wagon Co., Emigsville, Pa.
Anderson Co., 2324 University av, St. Paul, Minn.
Angle Steel Stool Co., Otsego, Mich.
Baker & Bennett Co. (Steering Sleds), 873 B'way, New York
Bassett E. C., Sterling, Ill.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Belknap Wagon Co., Grand Rapids, Mich.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Conner J. W. & Son, Orangeville, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Donaldson Bros., Mount Clemens, Mich.
Evans B. A., Hammond, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Kalamazoo Sled Co. ("Presto" Coasting), Kalamazoo, Mich.
Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
Koch & Son Mfg. Co., St. Cloud, Minn.
La Crosse Plow Co., La Crosse, Wis.
Lansing Co., Lansing, Mich.
Lenhart Wagon Co., 2600 University a S. E., Mineapolis, Minn.
Moline Plow Co. ("Mandt"), Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Parker Plow Co., Richmond, Mich.
Patterson Mfg. Co., Holly, Mich.
Sheboygan Coaster & Wagon Works ("Favorite" Steel, Also Wood Clippers), Sheyboygan, Wis.
Smith Mfg. Co., La Crosse, Wis.
Standard Novelty Works, Duncannon, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stoughton Wagon Co., Stoughton, Wis.
Streich A. & Bro. Co. (Farm, Log, etc), Oshkosh, Wis.

SLEDS (BOB)—continued
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co. ("Common Sense"), Fond du Lac, Wis.
Tanner D. F., Holland, N. Y.
Thornburgh Mfg. Co. ("Famous Burton"), Bowling Green, O.
Turnbull Motor Truck & Wagon Co., Defiance, O.
Turney Joel & Co., Fairfield, Ia.
Vaughn Mfg. Co., Jefferson, Wis.
Western Steel & Iron Works ("Western"), De Pere, Wis.

13755—Sleds (Steering, Childrens')

Allen S. L. & Co. ("Flexible Flyer" "Fire Fly"), 5th & Glenwood, Philadelphia, Pa.
AUTO-WHEEL COASTER CO. INC. (Formerly The Buffalo Seed Co. "Fleetwing" Steering on Runners), North Tonawanda, N. Y.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Buffalo Sled Co. ("Fleetwing" Steering on Runners), North Tonawanda, N. Y.
Carriage & Toy Co. ("Monoplane"), 741 W Lombard, Baltimore, Md.
Carton Toy Co. (Boys', Wood & Steel), Sheboygan, Wis.
Kalamazoo Sled Co., Kalamazoo, Mich.
Martin & Heagy Mfg. Co. ("Hickory Coaster"), Elizabethtown, Pa.
Safety Sled Co. ("Safety"), Mt. Jewett, Pa.
Sherwood Bros. Mfg. Co. (Childrens' Bob), Canastota, N. Y.
Standard Novelty Works ("Lightning Guide"), Duncannon, Pa.
Steinfeld Bros. ("Steinfeld," Sleds & Steering Coasters), 116 W 32d, New York
Toledo Metal Wheel Co. ("Toledo" Steering Coasters & Rigid Sleds), Toledo, O.
Wagner Mfg. Co. ("Wagner" Steel Bob Steering Coaster), Cedar Falls, Ia.

13756— Sleds (Stone)

Lakewood Engineering Co., Cleveland, O.

13757—Sleeping Berths (Outdoor)

Kewanee Mfg. Co. ("Kewanee"), Kewanee, Ill.

13758—Sleeves (Automobile Tire)

Firestone Tire & Rubber Co. ("Firestone"), Akron, O
Martin Auto Specialty Co. ("Martin"), Lancaster, Ohio
Woodworth Mfg. Co. (Woodwork"), Starr, av, Binghamton, N. Y.

13759— Sleeves (Dredging)

Acme Rubber Mfg. Co., Trenton, N. J.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Boston Belting Corp., 84 **Linden Park st, Boston, Mass.**
Boston Woven Hose & Rubber Co. ("Perfection"), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co. (Rubber), Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO. (Rubber), Reade & Church, New York; Chicago, Ill., 325 W Randolph; Houston, Texas.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 B'way, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

13760-1—Sleeves (Drill & Punch)

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Glenzer J. C. Co. ("Utility"), 3H 14th, Detroit, Mich.
Keystone Mfg. Co. (Taper), Buffalo, N. Y.
Lovejoy Tool Works (Drill), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

13762— Sleeves (Paper)

(For Electrical Use, etc.)

Am. Elecl. Works, Phillipsdale, R. I.
Brandywine Fibre Products Co., 815 Shipley, E Wilmington, Del.
Brandywine Fibre Products Co., E Wilmington, Del.
See adv index at end of book
Climax Tube Co., 89 State, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Elastoid Fibre Co. ("Elastoid"), Waltham, Mass.
McCausland J. E., Providence, R. I.
Pairpoint Corp., New Bedford, Mass.
Reliable Elec. Co., 3145 Carroll av, Chicago, Ill.
Sherwin Electric Co. (Bushings), Burlington, Vt.
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
Stone Straw Co., 30 O, N E, Washington, D. C.
Textile Tube Co., Fall River, Mass.

13763— Sleeves (Pipe)

Beaton & Cadwell Mfg. Co. ("Perfection" Galvanized Iron & Tin Adjustable & Non-Adjustable), New Britain, Conn.
Beaton & Corbin Mfg. Co. ("Adjusto," Adjustable), Southington, Conn.
Dayton Pipe Coupling Co. (Steel, for Pipe Mains, etc), Dayton, O.
Dresser S. R. Mfg. Co. (For Repair Work), Bradford, Pa.
Dryceil Pipe Sleeve Co. ("Dryceil"), 351 Lexington av, New York
General Fire Extinguisher Co. (Split), Providence, R. I.
Haines Co. (Adjustable), 1933 W Lake, Chicago, Ill.
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
New Brunswick Iron Works ("Kellogg" Repair Sleeve, for Water Mains), New Brunswick, N. J.

13764— Sleeves (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.

13765-6—Sleeves (Pole Repair)

Drew Elec. & Mfg. Co., 1016 E Michigan, Indianapolis, Ind.
Hubbard & Co. (Reinforced Wooden Poles), German Bank bldg., Pittsburgh, Pa.

13767—Sleeves (Trolley Wire Splicing)

Electric Railway Equip't Co., Cincinnati, Ohio
Eureka Co., North East, Pa.
Hickey & Schneider ("H. & S." Seamless), Elizabeth, N. J.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Philadelphia Electrical & Mfg Co. ("Phila."), 1236 N 31st, Phila., Pa.
Reliable Elec. Co., 3145 Carroll av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

13768—Sleeves & Tees for Underground Construction

McIntire C. Co., 35 Vesey, Newark, N. J.

13769— Sleeving (Cotton)

(For Electrical Use, etc.)

Adamson Joseph & Co., Columbia & Wtn. av, Phila., Pa.
Anchor Webbing Co., Pawtucket, R. I.
Asbestos Fibre Spinning Co., North Wales, Pa.
Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
Barton F. C., 65 Worth, New York
Blakesley Novelty Co. (Cotton Knit), Bristol, Conn.
Buffalo Weaving & Belting Co. (For carrying Electric Wires Under Heat), Buffalo, N. Y.
Chicago Mica Co. (and Webbing), Valparaiso, Ind.
See adv index at end of book
Dunton M. W. Co., 150 Niagara, Providence, R. I.
Empire Mfg. Co., Lockport, N. Y.
Fleig L. L. Co., 212 W Auston av, Chicago, Ill. *See adv index at end of book*
Hope Webbing Co., 1005 Main, Providence, R. I.
International Braid Co., 47 Charles, Providence, R. I.
Johns-Manville Inc. ("Niagrite Asbestos"), Madison av & 41st, New York
Lambeth Rope Corp., New Bedford, Mass.
Mason J. S. & Sons, Westboro, Mass.
Mica Insulator Co., 68 Church, New York
Niedner's Chas. Sons Co., Malden, Mass.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W Carteret, N. J.
See adv index at end of book

13770— Sleighs (Logging)

Phoenix Mfg. Co., Eau Claire, Wis.
Ransome Concrete Machinery Co., Dunellen, N. J.

13771—Slicers (Fruit & Vegetable)

A. & J. Mfg. Co. ("A. & J."), Binghamton, N. Y.
Catawissa Specialty Mfg. Co. (Vegetable), Catawissa, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Goodell Co. (Potato), Antrim, N. H.
Handy Things Mfg. Co., Ludington, Mich.
Houchin Thos. W. Co. (Revolving), 36 E 12th, New York
Landers, Frary & Clark ("Universal," "French," "Lightning"), New Britain, Conn.
Richardi & Bechtold, Bellaire, Mich.
Rollman Mfg. Co. (Ltd.) (Apple), Mt. Joy, Pa.
Shannock Narrow Fabric Co., Pawtucket,
Sinclair-Scott Co. (Pineapple), Wells & Patapsco, Baltimore, Md.
Smith's John E. Sons Co. (Kraut), 50H Broadway, Buffalo, N. Y.
Streeter N. R. & Co., Rochester, N. Y.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
U. S. Asbestos Co., Lancaster, Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Zastrow Geo. W. (Pineapple, Power), 1410 Thames, Baltimore, Md.

13772— Slicers (Meat)

American Slicing Machine Co. ("American"), 209 S State, Chicago, Ill.
Anderson Computing Scale Co., Anderson, Ind.
Canton Elec. Cut Co., Canton, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Computing Cheese Cutter Co., Anderson, Ind.
Computing Scale Co., Dayton, O.
Deer A. J. Co. ("Royal"), Hornell, N. Y.
Holwick B. C., Canton, O.
Ideal Mfg. Co., Anderson, Ind.
Landers, Frary & Clark, New Britain, Conn.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
Smith's John E. Sons Co., Buffalo, N. Y.
Stimpson Scale & Mfg. Co., Northville, Mich.
Troemmer Hy., 911 Arch, Phila., Pa.
U. S Slicing Machine Co. (Imp.), 182 N Dearborn, Chicago, Ill.

13773— Slicks (Carpenters')

Bradley G. W. Axe & Tool Mfg. Co., 119 Leonard, New York
Buck Bros., Millbury, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "J. & G. Mfg. Co."), 71 Murray, New York
Peck, Stow & Wilcox Co., Southington, Conn.
Swan James Co., Seymour, Conn.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

13774—Slide Rests for Lathes

American Tool & Machine Co., 10 High, Boston, Mass.
Bartlett E. E., 326 A, Boston, Mass.
Blount J. G. Co., Everett, Mass.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Stark Tool Co. (Compound, for Bench Lathes), Waltham, Mass.

13775— Slides (Breast Strap)

Frazer & Jones Co. (Also "B. S." Combined Slide & Snap), Syracuse, N. Y.
Independent Register & Mfg. Co., 713 Frankfort, Cleveland, O.
Klauer Mfg. Co., Dubuque, Ia.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

13776— Slides (Desk)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Eagle Lock Co., Terryville, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
National Lock Co., Rockford, Ill.

Slides (Furniture)

See Shoes, Sliding Furniture

13777—Slides (Lantern, Stereopticon, Etc.)

American Slide Co., Columbus, O.
Des Moines Slide Co., Des Moines, Ia.
Excelsior Illustrated Co., Inc. ("Excelsior" Slides), 219 6th av, New York
International Stereograph Co., Decatur, Ill.
Kansas City Slide Co. (For Advertising), 1017 Central av, Kansas City, Mo.
McIntosh Stereopticon Co, 30 E Randolph, Chicago, Ill.
North American Slide Co., 122 N 13th, Phila., Pa.
Novelty Slide Co., 209 W 48th, New York
Radio Mat Slide Co., 130H W 42nd, New York
Scott & Van Altena, 6 E 39th, New York
Standard Slide Corp ("Standard" Brass & Unbreakable Glass for Advertising), 209 W 48th, New York
Three Star Slide Co. (Lantern), 30 E Randolph, Chicago, Ill.
Underwood & Underwood, 417 5th av, New York
Weeks Mfg. Co., 181 Tremont, Boston, Mass.

13777a— Slides (Tent)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13778— Slimers (Craven)

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

13799-80— Slings (Hay)

Goshen Mfg. Co., Goshen, Ind.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Louden Machinery Co., Fairfield, Iowa
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Centre Trip Adjustable, "Utah" Centre Trip Adjustable, "Myers" Double Lock Adjustable & "Myers" Cable Ground Sling, "Myers" Chain), 900 4th, Ashland, O. *See adv index at end of book*
Ney Mfg. Co., Canton, O.
Ney V. L. Hay Tool Co., Canton, O.
Porter J. E. Co. (Center Grip), Ottawa, Ill.
Ricker Mfg. Co. ("Rochester"), Rochester, N. Y.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.

13781— Slitters for Gang Slitting Machines

Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

13781a— Smalts

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

13782—*Smalts (Sign Painters')

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

E. B. Estes & Sons Established 1847
Manufacturers of **Estes' Osmalto**
Estes' Sign Painters' Smalt.
Standard of Quality for 70 years
364 5th Avenue, New York City

13783— Smelters (Lead)

Balbach Smelting & Refining Co., 280 Broadway, New York
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Desloge Consolidated Lead Co., Rialto bldg, St. Louis, Mo.
Granby Mining & Smelting Co., St. Louis, Mo.
Lehigh Chemical Co., Allentown, Pa.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Metals Refining Co., Inc., Edison bldg., Chicago, Ill.
Pennsylvania Smelting Co., Carnegie, Pa.
St. Josephs Lead Co., 61 Broadway, New York
Sofranscy H. Co., Allentown, Pa.

13784— Smelters of Spelter

See also Spelter Manufacturers

American Zinc, Lead & Smelting Co., 120 B'way, New York
Am. Zinc Products Co., Greencastle, Ind.
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hegeler Zinc Co., Danville, Ill.
Lowenthal Co., 947 W 20th, Chicago, Ill.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill.
National Zinc Co., 61 B'way, New York
Sofranscy H. Co., Allentown, Pa.
United Zinc Smelting Corp., 99 John, New York

13785-6—Smelters & Refiners

See also Babbitt Metal; also Refiners, Electrolytic Copper

American Smelting & Refining Co., 120 B'way, New York
American Zinc, Lead & Smelting Co., 55 Congress, Boston, Mass.
Argus Smelting Co., 47 W 34th, New York
Atlantic Smelting & Refining Wks, 57 Richards, B'klyn, N. Y.
Austin John & Son (Gold, Silver & Platinum), 74 Clifford, Providence, R. I.
Balbach Smelting & Refining Co., 280 Broadway, New York
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bartlesville Zinc Co., 61 B'way, New York
Buffalo Smelting Works, 1 Austin, Buffalo, N. Y.
Chicago Metal Reduction Co., 20 W Jackson blvd, Chicago, Ill.
Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Columbia Smelting & Refining Works, 366 West, New York
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
Dee Thos. J. & Co., 5 S Wabash av, Chicago, Ill.
Delaware Metal Refinery, Washington & 18th, Phila., Pa.
Detroit Metal Refining Co., Book bldg., Detroit, Mich.
Deutsch N. & Co., 540 W 13th, Chicago, Ill.
Duquesne Reduction Co., Farmers Bank bldg., Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 Broadway, New York
Electric Smelting & Aluminum Co. (Aluminum, Silicon, Manganese, Alloys), Lockport, N. Y.
Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.
Empire Smelting Co., Depew, N. Y.
Fidelity Metal Co., 192 Diamond, Brooklyn, N. Y.
Garfield Smelting Co. (Copper, Ore, etc), Salt Lake City, Utah
Goldsmith Bros. Smelting & Refining Co., 29 E Madison, Chicago, Ill.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Harris, Benj. & Co. (Brass, Copper & Composition), 21st & Loomis, Chicago, Ill.
Hartman Ingot Metal Co. (Red & Yellow Ingot Metal), 2511 W 21st, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hilb L. Smelting & Refining Co., 1250 W 8th, Cincinnati, O.
Honkamp Bros. (Lead & Copper), 3951 Wentworth av, Chicago, Ill.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
International Nickel Co., 67 Wall, New York
International Smelting Co., 42 B'way, New York
Irvington Smelting & Refining Co., Irvington, N. J.
Jacobson I. M. & Sons Co. (Brass, Copper, Lead, etc), 70 Catherine, Detroit, Mich.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
KRAMER H. & CO., Loomis & 21st pl, Chicago, Ill.
Lehman Bros., Hoboken, N. J.
Lelong L. & Bro. (Gold & Silver), 345 Halsey, Newark, N. J.
Lissberger Marks & Sons, 281 Borden av, L. I. City, N. Y.
Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
Lowenthal Co., 947 W 20th, Chicago, Ill.
McDonald Jas. & Sons Co., Cincinnati, O.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Metals Refining Co., Inc., Edison bldg., Chicago, Ill.
Michigan Smelting & Refining Co. (Lead, Tin, etc., also Copper Bearing By-Products), 1695 Jos. Campau, Detroit, Mich.
Monarch Metal Co., 119 So Lincoln, Chicago, Ill.
Nassau Smelting & Refining Works, 697 W 29th, New York
National Copper Refining Co., 7003 Quincy, Cleveland, O.
National Lead Co., 111 B'way, New York
National Smelting Co., Grant av, Cleveland, O. *See adv index at end of book*
Natl. Smelting Corpn., 554 Bryant, San Francisco, Cal.
National Smelting & Refining Corp. (Platinum, Gold & Silver), 92 John New York
National Zinc Co. (Zinc), 61 B'way, New York
New Metals & Process Co., Inc. (Lead) Reading, Pa.
Newark Bay Smelting & Refining Co., Plum pt. lane, Newark, N. J.
Ohio Metal Co., 1137 No 4th, Columbus, O.
Ozark Smelting & Mining Co., 601 Canal rd, Cleveland, O.
Peninsular Smelting & Refining Co., 4683H W Jefferson av, Detroit, Mich.
Pennsylvania Smelting Co., 1st National Bank bldg, Pittsburgh, Pa.
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Progressive Metal & Refining Co., 432 Barclay, Milwaukee, Wis.
Raritan Copper Works, 42 B'way, New York
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richardson Research Laboratory (Precious Metals), Sloan bldg., Cleveland, O.
Roessing Bronze Co., Etna, Pa.
Rosenthal's Jos. Sons, 190 W. Berks, Phila., Pa.
St. Louis Smelting & Refining Co. (Lead Slag, etc), International Life bldg. St. Louis, Mo.
Schawel J. & Co. (Gold, Platinum & Silver in Sheet, Rod, Wire, Tubing, Foil & Silver Solder), 26 John, New York
Selby Smelting Works, 201 1st, San Francisco, Cal.
Shimer McGlynn & Co., 19th & Washington av, Phila., Pa.
Sofranscy H. Co., Allentown, Pa.
Standard Smelting & Refining Co., 547 W 21st, New York
Star Refining Co., 116 W First, Boston, Mass.
Tacoma Smelting Co. (Lead, Copper, Gold, etc), Tacoma, Wash.
Tottenville Copper Co., Bedell, Tottenville, N. Y.
Trenton Smelting & Refining Co., Trenton, N. J.
Tri-Bullion Smelting & Development Co. (Gold, Silver, Lead, etc.), 10 Wall, New York
Union Smelting & Refining Co., Inc., Newark, N. J.
United American Metals Corp'n. (Syracuse Smelting Works subsidiary) ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
United States Metals Refining Co., 61 B'way, New York
United States Reduction Co., E Chicago, Ind.
United States Smelting, Refining & Mining Co. (Copper, Lead, etc.), Salt Lake City, Utah
United States Smelting Works, 1615 Spring Garden, Phila., Pa.
United Zinc Smelting Corp., 99 John, New York
Vulcan Louisville Smelting Co., 208 S La Salle, Chicago, Ill.
White & Bro., Hedley & Del River, Phila., Pa.
Wildberg Bros. (Platinum, Gold & Silver), Pacific bldg, San Francisco, Cal.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

13787—Smelting Plants (Complete Equipment)

TRAYLOR ENGNG. & MFG. CO. (Copper & Silver-Lead), Allentown, Pa.
See adv index at end of book

Smoke Consumers

See Fuel Economizers; also Furnace, Smokeless

13788—Smoke House Builders

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Evers Iron Work ("Evers & Hilderbrandt" Patent), 1569 Merwin, N. W. Cleveland, O.
Gehret Bros. (Doors, Meat Trees, Patent Floors, etc), Bridgeport, Pa.
Johns-Manville Inc. (Asbestos Wool), Madison av & 41st, New York
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

13789—Smoke Jacks (Round House)

Asbestos, Shingle, Slate & Sheathing Co. ("Century," Asbestos Lumber), Ambler, Pa.
Dickinson Paul (Cast Iron & Wood), 334 S Artesian av, Chicago, Ill
Franklin Mfg. Co., Franklin, Pa.
Johns-Manville Inc. ("Vitribestos"), Madison av & 41st, New York
Mann-McCann Co. ("Bruyn," "Mann"), 305 So La Salle, Chicago, Ill.

13790— Smoke Stack Lining

Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns-Manville H. W. Co. ("Vitribestos") Madison av & 41st, New York
Warwick Constn. Co. (Steel), 1048H W Harrison, Chicago, Ill.

Smoke Stacks (Steel)

See Stacks, Steel

13791— Smokers (Bee)

Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co. ("Champion"), Council Bluffs, Ia.
Root A. I. Co., Medina, O.

13791a— Smoking Sets

Consolidated Mfg. Co., Dayton, O.
Jefferson Glass Co., Follansbee, W. Va.
Schimper William & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union Square West, New York

13792-3—Smoothers (Asphalt)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.

13794— Snaps (Blanket)

North & Judd Mfg. Co. ("Royal," etc), New Britain, Conn.

13795—Snaps (Harness, Etc.)

See also Hooks, Snap

Berry Chas. ("Regan," Pole Rein, Trace, "Berry," Rein, Bridle, "Boyd's" Pole), Somerville, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Covert Mfg. Co. ("Yankee," "Trojan," "King," "Queen," "Sterling," "Polo," "Covert," "Holdfast"), Troy, N. Y.
Covert Saddlery Works ("Crown," "Triumph," "Model"), Interlaken, N. Y.
East Bangor Mfg. Co. ("J. P."), Bangor, Pa.
Eberhard Mfg. Co. ("Sure-Fast," etc), C & P Ry & Tennyson rd, Cleveland, O.
Elbel Co., Canton, O.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co. ("Buffalo," "Jones," "Syracuse," "Empire," "Acme," etc.), Syracuse, N. Y.
Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York
Hogarty Edw., Unionville, Conn.
Imperial Bit & Snap Co., ("Imperial"), Racine, Wis.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Judd R. D., New Britain, Conn.
National Safety Snap Co. ("Kingsnap" Spring Steel), Wilmington, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co. ("Anchor Brand," "Loxspring," "Quick-Kloze"), New Britain, Conn.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sargent & Co. ("Sampson," etc), New Haven, Conn.
Schartow Mfg. Co. ("Schartow"), Milwaukee, Wis.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.
Wire Goods Co. (Wire), Worcester, Mass.

13796— Snaps (Hitching)

Covert Saddlery Works Interlaken, N. Y.
East Bangor Mfg. Co. ("J. P."), Bangor, Pa.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.

13797— Snaps (Rivet)

Atlas Engineering Co., Lincoln, N. J.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Cleveland Punch & Shear Works Co. (Alloy or Carbon Steel), 3921 St. Clair av N E, Cleveland, O.

13798-9— Snaps (Swivel)

Covert Mfg. Co. ("Covert," "Yankee," "King" "Polo"), Troy, N. Y.
Frazer & Jones Co. (Trace, Breeching, etc), Syracuse, N. Y.
Imperial Bit & Snap Co., Racine, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

13800— Snippers (Bean)

Gowanda Agricultural Works ("Century"), Gowanda, N. Y.

Snips (Pineapple Eye)

See Eyers, Pineapple

13801— Snips (Tinners')

Acme Shear Co. ("Ajax," "Star"), Bridgeport, Conn.
Ansonia Novelty Co., Ansonia, Conn.
Atlas Shear Co., Bridgeport, Conn.
Bartlett Mfg. Co. ("Searchlight" Compound Lever Mechanics, 428 E Lafayette av, Detroit, Mich.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Berridge Shear Co., Sturgis, Mich.
Boker Cutlery & Hardware Co., 101 Duane, New York
Bridgeport Hardware Mfg. Corp. ("Bull Dog," "Titan"), Bridgeport, Conn.
Clauss Shear Co. ("Clauss"), Fremont, O.
Clayton Mfg. Co. (Cast), Bristol, Conn.
Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Heinisch's R. Sons Works, 109 Bruce, Newark, N. J.
Jackson Shear Co., Fremont, O.
Jennings C. E. & Co. ("Philadelphia"), 71 Murray, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
National Cutlery Co. (Tinners'), Westmoreland & Boudinot, Phila., Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Peck, Stow & Wilcox Co. ("1819 Original," "P. S. & W." & "Samson"), Southington, Conn.
See adv index at end of book
Penn Metal Co., 65 Franklin, Boston, Mass.
St. Louis Sales Co. ("Searight's" Compound Lever), Chemical bldg, St. Louis, Mo.
SMITH & HEMINWAY CO., INC. ("Red Devil"), 261 H B'way, New York, and 130 H. Coit, Irvington, N. J.
See adv index at end of book
White Ira F. & Son Co. (Cast), Bloomfield, N. J.
Wiss J. & Sons Co. ("Wiss" Steel Forged), 31 Littleton av, Newark, N. J.

13802—Snow Brooms & Sweepers (Street Railway)

See also Plows, Snow; also Street Railway Sweeping Machines
Columbia Machine Works & Malleable Iron Co. ("Columbia" Snow Sweeper Brooms), Atlantic av & Chestnut, Brooklyn, N. Y.
Cronkhite Co. Inc. ("P. & G" Industrial), 142 Berkley, Boston, Mass.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
McGuire-Cummings Mfg. Co. ("McGuire-Cummings" Automatic Sweeper & Loader, also Snow Sweepers), Harris Trust & Savings bldg, Chicago, Ill.
Russell Car & Snow Plow Co., Ridgway, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Snow Guards

See Roof Snow Guards

13802a— Soap

See also Sub-Classifications following; also Compounds Cleaning; also Powders, Soap

CALIFORNIA.

BERKELEY—Standard Soap Co. (Laundry)
FRESNO—Fresno Soap Co. (Laundry)
LOS ANGELES—California Soap Co. (Hand), 2437 E 9th
Los Angeles Soap Co. (Laundry), 633 E 1st
OAKLAND—Lanz Louis
West Coast Soap Co., 26th & Poplar
SAN DIEGO—Citrus Soap Co.
SAN FRANCISCO—Alumina Soapalite Co., 625 3rd
Colgate & Co., 595 Mission. (See Jersey City, N. J.)
Crystalline Soap Co., Army & Hampshire
Fairbanks N. K. Co., Sheldon bldg. (See Chicago, Ill.)
Fischbeck Soap Co., 17th & Rhode Island
Gutradt Joseph Co.
Hockwald Chemical Co. (Liquid), 531 Howard
Los Angeles Soap Co., 250 Front. (See Los Angeles, Cal.)
Lucy G. R. & Co., 100 San Bruno
Mission Soap & Candle Works, 18th & Harrison
Newell & Brother, Army & San Bruno
Pioneer Soap Co., 15th & Vermont
Standard Soap Co. (Laundry), 40 Beale
SANTA CRUZ—Parsons & Hamilton
STOCKTON—Williams & Moore

COLORADO.

DENVER—Baum Bros. (Liquid)
Lee John D

CONNECTICUT.

BRIDGEPORT—Fairchild & Shelton Co., 305 Housatonic av
GLASTONBURY—Williams J. B. Co. (Shaving & Toilet)
HARTFORD—Erickson Soap Co.
Hall-Thompson Co.
Skat Co.
MANCHESTER—Orford Soap Co. (Bon Ami)
MIDDLETOWN — Allison Bros. (Chip, Borax & Burnishing)
MYSTIC—Packer Mfg. Co. (See New York City)
STAMFORD—Star Mfg. Co. (Hand), 331 Summer
WATERBURY—Connecticut Oil Co.
WILLIMANTIC—Buck E. A. & Co., Dept. H

IDAHO.

BOISE—Idaho Soap Co.

ILLINOIS.

AURORA—Rogers A. Co. (Soft)
CHICAGO—Anchor Core Economy Soap Co. ("Anchored" Pumice & White Cream), 136 W Lake
Antiseptol Liquid Soap Co., 564 W Randolph
Armour Soap Works (Laundry), 1355 W 31st
Babbitt B. T. (Inc.), 229 N State (see New York City)
Beltine Chemical & Mfg. Co. (Benzine, Dry Cleaners), 401 N Sangamon
Burr David & Co., 28 E Kinzie
Crofts & Reed Co., 2335 W Austin av
Economy Hang-Up Soap Co., 180 N Dearborn
Eisenstadt Wm., 1615 W 42nd
Fairbank N. K. Co. (Laundry & Glycerine Tar), 111 W Washington
Fairchild M. H. & Bro., 6 W Austin av
Fitzpatrick Bros. (Soap Chips), 1319 W 32d pl
Fitzpatrick John Co., 28th & Western av
Frazer Lubricator Co., 3921 Normal av
Globe Soap Co. (see Cincinnati, Ohio)
Graham Bros. & Co., 1319 W Lake
Green Oil Soap Co., 166 N Curtis
Henrotin A. Co. (Castile), 447 Wells
Hine Bros. Co., 4023 S Ashland av
Holman Soap Co., 3104 Fox
Johnson B. J. Soap Co. (see Milwaukee, Wis.)
Kendall Mfg. Co., 941 W Van Buren see Providence, R. I.)
Kirk James S. & Co., 1232 W North av
Lekko Soap Co., 925 S Wells
Pierce Chemical Co., 910 W Lake
Remmers Soap Co., 143 N Wabash av (See Cincinnati, Ohio)
Robertson Thos. B. Products ("20th Century"), 700 W Division
Rome Soap Mfg. Co., 122 S Michigan av
Scannell John Co., 3208 S Robey
Schmidt Geo. A. Co. (Tar & Shaving), 236 W North av
Simplex Chemical Co., 31 W Lake
Strong C. H. & Co. (Tooth), 180 N. Market
Uno Mfg. Co., 6433 Ravenswood av
Vosburgh E. A., 925 S Wells
Wrisley Allen B. Co. (Toilet & Laundry), 923 S. Wells
DECATUR—Chromister V. H.
ELGIN—Elgin National Soap Co.
NORTH AURORA—Rogers A. Co.
OTTAWA—Keen Kleener Mfg. Co.
ROCK ISLAND—Warnock & Ralston (Best Chipped, Toilet)
STREATOR—Genseke Herman
WOODSTOCK—Wicks & Compton

INDIANA.

FORT WAYNE—Rub-No-More Co. (Naptha & White)
INDIANAPOLIS—Bergmann F. J., 413 W Morris
Crescent Soap Co., 519 W McCarthy
Hoosier Mfg. Co., 523 N McCarthy (Vegetable Oil)
International Metal Polish Co. (Oil), Quill & Belt Ry
Olds Soap & Chemical Co., 540 W McCarthy (Laundry)
Williams Soap Co., 519 W McCarthy
LAFAYETTE—Schnaible M. & J. Co. (Laundry)
LOGANSPORT—Heppe Wm. & Sons Co.
MARION—American Soap Co.

IOWA.

BURLINGTON—Burlington Soap Co. (Castile)
Iowa Soap Co. (Laundry & Toilet)
CLERMONT—Cla-Loid Mfg. Co. ("Cla-Loid")
DES MOINES—Harrah & Stewart Mfg. Co (Hand)
Prouty-Bowler Soap Co
DUBUQUE—Beach James & Sons (Toilet, Glycerine, Hand)
GRINNELL—Benyata Chemical Co., (Liquid, Disinfectants & Scrubbing)
KEOKUK—Blom Peter H. C.
SIOUX CITY—Haskins Bros. & Co.
WAVERLY—Caphenin Chemical Co. (Liquid)

KANSAS.

KANSAS CITY—Kansas City Soap Co.
Peet Bros. Mfg. Co.
LEAVENWORTH—National Soap Co.

KENTUCKY.

COVINGTON—Heckman & Co.
LOUISVILLE—Louisville Soap Co. (Laundry), Shelby & Ormsby
Magic-Keller Soap Works, 1583 Washington

LOUISIANA.

NEW ORLEANS—Fairbank N. K. Co. Whitney bldg (See Chicago, Ill.)
Southern Refining & Mfg. Co., Terminal Tracks, nr. Frenchmen

MARYLAND.

BALTIMORE—Hoefner A. & Sons, Stewart bldg
Product Sales Co. (Sand), 32 So Calvert
Union Soap Co., 214 N Pearl (Toilet & Laundry)

MASSACHUSETTS.

BOSTON—Babbitt B T. (Inc.), (see New York City)
Colgate & Co. (See Jersey City, N. J.)
Dermon Soap Co., 300 N Beacon
Dunher & Perkins (Distributors), 287 Atlantic av
Fairbank N. K. Co. (see Chicago, Ill.)
Hydro Palm Soap Co. Neponset
India Alkali Works (Shield Oil Soap & Savogran Soap Powder), 28 India Wharf
Kenney F. Mfg. Co., 368 Dorchester av
Kingston John, 300 N Beacon
Lockwood Brackett & Co. (Castile & Olive Oil), 222 State
McLean-Jones Oil & Supply Co., Inc., 40 Court
Marsh Geo. E. Co. (see Lynn, Mass.)
Morse J. F. & Co., 66 Norfolk av (Rox)
National Soap Corp., 444 Southampton
Speare's Alden Sons Co. (Laundry) (Cambridge), 156 6th
Standard Chemical & Supply Co., 16 Second
Stewart A. Collins Co., 70 Freeport
Surprise Soap Co., 45 Bennet
Warren Soap Mfg. Co., 77 Summer
Wing, Mitchell & Co., 113 Broad
Woodley Soap Mfg. Co., 33 Norfolk av (Rox.)
CAMBRIDGE—Cleanso Specialty Co.
Flash Chemical Co. ("Flash" Antiseptic Hand Cleaner, "Flash Vegetol," "Flash Hard Water Hand Pumice," Hand & Toilet), 160 2d
International Supply Co. ("Everybody's"), 2d & Bent
Kemp, Lysander & Sons
Lever Bros. Co. ("Lifebuoy," "Welcome" Toilet, and "Sunlight" Laundry)
Reardon John & Sons Co. (Tallow, Oleo Oil, etc)
Teele Soap Co.
CHARLESTOWN—Rand & Byam (Laundry)
CHELSEA—Norris Wm. H. & Sons
EAST CAMBRIDGE—Standard Chemical & Supply Co. ("Soaposo"), 172 2d
GREENFIELD—Diamond Electric Soap Co.
HOLYOKE—Abbott W. H.
LAWRENCE—Beach Soap Co. (Laundry, Household & Chip)
LOWELL—Lowell Rendering Co.
LYNN—Hamson J. & Son (Laundry)
Marsh Geo. E. Co., 393 Chestnut
NEW BEDFORD—Hersom Thomas & Co.
NORTH ANDOVER—Glennie John
NORTH WEYMOUTH—Kleno Mfg. Co.
QUINCY—Bates C. F. & Co. (see Boston, Mass.)
ROCKLAND—Torrey J. A.
SOMERVILLE—Norton George W.
SPRINGFIELD—American Textile Soap Co. (Laundry & Small), Springfield, Mass.
Ericka Mfg. Co. (Hand)
Markham A. G. Co
Springfield Rendering Co.
TAUNTON—Bassett Walter
WESTFIELD—Git Mfg. Co. (Hand)
WOLLASTON—Bates Chas. F. & Co.
WORCESTER—Eastern Supply Co. (Laundry & Textile), 2 Canterbury
White & Bagley Co. (Oil)

MICHIGAN.

ALBION—Albion Chemical Works
DETROIT—Eaton Clark Co. (Benzine & Ammonia), 28 Woodward ave, Detroit, Mich.
National Soap Co. (Automobile Oil Soap & Vegetable Oil Fig Soap), 440 Franklin
Rosenthal Christian
Wayne Soap Co. (Chipped, Laundry, Toilet, Dry Cleaning & Oil), Copeland & M. C. R. R.
KALAMAZOO — Kalamazoo Soap Co. (Laundry & Electric Pumice)
PORTLAND—Wolverine Soap Co.
REPUBLIC—Nikulas Herman
SAGINAW—Passolt Henry Co.

MINNESOTA.

MINNEAPOLIS—Durkee-Atwood Co. ("Rie Nie"), 40 Wilder, Minneapolis, Minn.
Pure Oil Co., 1st & 13th av
Purity Soap Co., 100 Humboldt av, N
Van Tilburg Oil Co. (Linseed, Liquid & Oil), 2424 University av, S E
SAINT PAUL—Kenny J. T. & Company (Green & Linseed Oil)
SOUTH STILLWATER—Utecht August
WINONA—Hirschfeld A.
Old County Green Soap Co.
Winona Packing & Soap Co.

MISSOURI.

EDINA—Kirk Edgar W. Soap & Cleanser Co.
KANSAS CITY—Kansas City Soap Co., Shawanee & R. R.
Peet Bros. Mfg. Co., 15th & Kansas av
av
ST. LOUIS—Amole Products Co., Pontiac bldg.
Cremoline Disinfecting Co. (Liquid), 121 S Main
Efficiency Oil Corp, 2100 Kienlen av
Johnson B. J. Soap Co. (see Milwaukee, Wis.)
Midvale Chemical Works, 610 Locust
Miller, Bonner & Co (Harness)
Politura Chemical Co.
Sayman T. M. Products Co. (Toilet), 2111-2137 Franklin av
Schaeffer Bros. & Powell Mfg. Co. (Laundry), Barton & Kosciusko
Vestal Liquid Soap & Disinfectant Co. (Liquid), 1121 Pine
Waltke Wm. & Co. (Lava, Olive Oil, Castile & Toilet), Second & Grand
SEDALIA—Hoffman John F., Jr.

MONTANA.

HELENA—Perry C. T. & Co.

NEBRASKA.

GIBBON—Rogers Virgil (Toilet)
OMAHA—Haskins Bros. & Co. (see Sioux City, Ia.)

NEVADA.

RENO—Commercial Soap Co.

NEW HAMPSHIRE.

MILFORD—Keith Wm. S.

NEW JERSEY.

CAMDEN—Eavenson J. & Sons (Automobile, Textile & Toilet)
HARRISON—National Oil Products Co.
HOBOKEN—Stenken A. & Son
JERSEY CITY—Colgate & Co. (Toilet & Laundry), 105 Hudson
Holbrook Mfg. Co. (Laundry, Textile, Chip, Castile & Potash), 18th
Interstate Chemical Co. (Oil), 657 Garfield av.
Quaker Soap Co., 207 Provost
Seydel Mfg. Co., 88 Forrest
MILLVILLE—Daytons' Soap Mfg. Co.
NEWARK—Lyon John C.
Mennen Co. (Shaving), 42 Orange
National Oil & Supply Co. (Automobile), 174 Freylinghuysen av
Newark Soap Co.
NEW BRUNSWICK—Johnson & Johnson (Liquid & Shaving)

NEW YORK.

ALBANY—Christian Bros. Soap Co., 43 Deleware av
BINGHAMTON—R. & G. Soap & Supply Co. (Toilet)
BUFFALO—Cataract Refining & Mfg. Co. (Oil)
Harris Soap Co., 18 Stetson
Hoefner A. & Sons (Laundry & Toilet), 160 Van Rensselaer
Larkin Company (Naptha, Laundry Scouring, Carbolic, Castile & Shaving), 663 Seneca
Lautz Bros. & Co.
Standard Oil Soap Co. (Oil & Medicinal), 45 N Division
Windsor Soap Co., 963 William
COHOES—American Soap & Washoline Co.
ELMIRA—White J. Frank (Laundry)
FAIRPORT—Creamo Specialty Co.
GLEN COVE—Seaman Oil Co. (Automobile Oil)
LOCKPORT—Electric Smelting & Aluminum Co. (Alumina Soapalite Laundry Bar)
NEWBURGH—Granite City Soap Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Barnes Almond W., 32 Eagle
Bristol-Myers Co. (Liquid), 281 Greene av
Gill Thos. Soap Co., 711 Kent av
Harral Soap Co. (All Kinds), 136 Havemeyer
Kirkman & Son, 215 Water
Long Island Soap Co., 27 Bridgewater
Morgan Drug Co., 1512 Atlantic av
Pagnod A. & Sons (Castile), 250 46th
Pride of the Kitchen Co. (Scouring), 399 Smith
Quick-Kleen Soap Co., 191 Sanford
Rokeach I. & Sons, 345 Hewes
Thompson's Carbolic Soap Co. (Laundry, Toilet & Medicinal), 46 Eagle
Union Soap Co., 119 4th pl

Boroughs of Manhattan and Bronx.

NEW YORK—Ajax Oil & Grease Co. (Automobile), 170 W 65th
Altman B., 325 E 21st
American Cotton Oil Co. (Cottonseed, Fulling & Scouring), 65 B'way
Babbitt B. T. (Inc.) (Liquid & Scouring), 15 W 34th
Bon Ami Co. (Selling Agents), (Scouring), 17 Battery pl
Clifton Chemical Co. (Liquid), 317 Greenwich
COOK & SWAN CO., INC. (Whale Oil & Fish Oil), 148 Front
See adv index at end of book
Cromwell R. A. Mfg. Co. (Liquid), 303 E 29th
Daggett & Ramsdell (Shaving), 214 W 14th
Daggitt's Wm. H. Sons (Laundry & Soap Chips), 383 W 12th
Daland & Company, 203 W Broadway
Devillers Soap Co. (Liquid & Automobile Oil), 95 Cliff
Empire Soap Co. (Laundry), 203 W Broadway
Fairbank N. K. Co., 26 Beaver (see Chicago, Ill.)
Farr Mfg. Co., 150 Nassau
Frank P. M. Disinfecting Co., 91 Bleecker
Gardner & Co. (Hand), 222 E 34th
Hamilton Co. (Castile, Importers Italian), Church & Fulton
Janvier Walter, 417 Canal
Jergens Andrew Co. (Toilet), 599 B'way
Kirk Jas. S. & Co. 203 W Broadway (See Chicago, Ill.)
Larkin Company, 200 5th av (See Buffalo, N. Y.)
Lockwood, Brackett & Co. (Castile & Olive Oil), 949 B'way. (See Boston, Mass.)
Manhattan Soap Co. (Toilet), 426 W 38th
May M. W. Company (Laundry), 104 E 126th
Moore Bros. Co. (Leaf & Toilet), 288 Greenwich
Morgan's Enoch Sons Co. ("Sapolio," Hand & Laundry), 439H West
Mulhens & Kropff (Fancy), 25 W 45th
National Oil Co., 17 Battery pl
New York Soap Works (Laundry), 427 W 13th
Oil & Grease Co. (Automobile), 65 B'way
Packer Mfg Co. (Liquid & Tar), 81 Fulton
Penn Soap Co. 90 W Broadway (See Lancaster, Pa.)
Procter & Gamble Distributing Co. 100 Broad (See Cincinnati, O.)
Robertson Vanco Co. (Paste), 103 Park av
Saponel Chemical Co. (Hand), 1916 Park av
Scourene Mfg. Co. (Laundry), 539 W 39th
Soapitor Company (For Soapitors), 154 W 14th
Specification Soap & Oil Co. (Automobile, Textile, Liquid, Shampoo, Base Disinfectants), 427 W 13th
Stanley James (Laundry), 640 W 30th
Stanley John T. (Hand), 642 W 30th
Utility Company (Hand & Liquid), 636 W 44th
Williams J. B. Co. (Shaving & Toilet), 31 W 4th

Borough of Queens.

LONG ISLAND CITY—Domestic Soap Mfg. Co. (Scouring), 113 6th

(End of New York City.)

NORTH TONAWANDA—Farr Mfg. Co.
ROCHESTER—Puritan Soap Co. (Liquid), 496 Exchange
Tatlock Brothers (Hand)
Zonneyville M. J.
ROME—Rome Soap Mfg. Co. ("Three B")
SYRACUSE—Finn George M., 427 E Water
Robertson J. T. Co. (Toilet, Laundry & Mill), 147H Richmond av

OHIO.

AKRON—Akron Soap Co. (Laundry & Toilet)
CANTON—Hygienic Products Co.
CINCINNATI—American Soap Co., 1936 Plum
Cincinnati Soap Co. (Toilet, Bath, Shaving, Glycerine & Medicinal), Spring Gov. & Clifton avs, Wm. pl
Dock Wm. & Co. (Toilet), 2144 Colerain av
Eagle Soap Co., Cooper & Turill Cum.
Fischer Soap & Oil Co., 2715 Colerain av
Fry Brothers & Co. (Soap Chips), 111 E Canal
Globe Soap Co. (Borax Powdered), United Bank bldg
Hunnewell Soap Co. (Oil), 312 Genessee
Jergens Andrew Co., Spring Grove av
Moore Oil Co., 683 Cleveland av
Procter & Gamble Co. ("Ivory," "P. & G." Laundry), Gwynne bldg
Remmers Soap Co. (Peroxide, Vegetable Oil, Toilet, Sulphur, Glycerine, Tar, Castile, etc), 2261 Spring Grove av
Ryan Soap Co., 2643 Spring Grove av
Snyder T. H. & Co., 8 E 3d
Werk M. Company, Murray rd, St. Bernard
CLEVELAND—Buchan Soap Co., 933 Hume av N W
Central Soap Mfg. Co. (Carbolic Castile, Wire Drawers, 2671 E 75th
Chemical Supply Co. (Liquid), 2450 Canal
Cuyahoga Rendering & Soap Works, Denison av S W
Energine Refining & Mfg. Co. (Lo Soap), 242 Arcade
Great Western Oil Co., 2846 E 37th
Klean-Wel Mfg. Superior Viaduct Co. ("Klean-Wel"), 2220 W 85th
Parker Refining Co. (Automobile), 1307 W 11th
Phoenix Oil Co. (Liquid), 2554 W 5th
Pioneer Mfg. Co. (Liquid & Linseed Oil), 3053H E 87th

SOAP—continued
OHIO—Cleveland—continued
Schwarz S. A. Oil Co., 57 Wade bldg.
Visco Motor Oil Co., 2104 Superior av, N W
COLUMBUS—Janton Geo. & Sons Co., 272 W Mound
Ross Thos. & Bros. Soap Co. (Laundry & Toilet), N Mound & River
Yeazell-Goldstein Co. (Hand)
DAYTON—Beaver Soap Co. (Pine Tar)
Davies Young Soap Co.
Fansher Brothers
Hewitt Bros. Soap Co.
Pioneer Tar Soap Co.
Wolf Creek Soap Works
HAMILTON—Smith E. A. (Oil)
IRONTON—Wiehle Bros Soap Works
MANSFIELD—Frietchen Edward & Bro.
MARIETTA—Northwestern Chemical Co. (Hand, Liquid & Pumice)
NEWARK—Newark Tallow Co.
NEW RICHMOND—Talley Co. (Liquid)
SANDUSKY—Musson J. W.
TIFFIN—Eidt George M.
TOLEDO—Thompson & Chute Soap Co., 213 Lucas
UPPER SANDUSKY—Cosmo Buttermilk Soap Co. (Toilet)
YOUNGSTOWN—Akron Soap Co. (Laundry & Toilet)

OREGON.

PORTLAND—Luckel King & Cake Soap Co., 642 Hood
Mt. Hood Soap Co., 108 N 4th

PENNSYLVANIA.

CHAMBERSBURG—Gerbig J. C. & Son
COLLINGDALE—Mione Mfg. Co. (Grit Hand)
CONSHOHOCKEN—Getz There Soap Co.
FRANKLIN—Sibley Soap Co.
HARRISBURG—Sieber F. C.
LANCASTER — Pennsylvania Soap Co. (Toilet & Laundry)
LEBANON—Lessley A. L.
Shucker & Shindel
PHILADELPHIA—Bates Howard M., 1140 Fairmount av
Day & Frick, 1760 N Howard
Dobbins Soap Mfg. Co. (Laundry), 119 S 4th
Enterprise Mill Soap Works, 2229 N 12th
Fairbank N. K. Co. (See Chicago, Ill.)
Fels & Co. ("Fels Naphtha" White Laundry), 73rd & Woodland av
Fox Charles J. (Textile), 313 S Philip
Gartside's Iron Rust Soap Co. ("Iron Rust" & Electrocotn"), 4054½ Lancaster
Good James Inc. (Fish Oil & Special for Industries), Amber & Susquehanna av
Hamilton Robt. & Son, 709 Tasker
Harding H. C. (Mill), Sedgley & W 17th
Harding & Fancourt (Olive, Fig, Palm & White Tallow), 516 S Delaware
Hultz Ellsworth H., 218 Walnut
Jones Charles Dorrance (Automobile & Cleaning), 423 Locust
Laurel Soap Mfg. Co., Inc., 1528 Frankford av
Lautz Bros. & Co., 13 S Front. (See Buffalo, N. Y.)
List J. & Son, 1776 N Hancock
Modoe Company, Fernwood
Morrison F. E. Co., 5730 Kingsessing av
Procter & Gamble Distributing Co. Bourse. (See Cincinnati, O.)
Rath Mfg. Co. (Hand & Liquid), Hedley, E of Richmond
Scholler Bros. Co. (Olive, Tallow, Palm & Chipped), Amber & Westmoreland
Stanley John T., Green & Del. (See New York City)
Tomson P. C. & Co., 29 Washington av
Tully James J., 179 Master
Vacuum Soap Co., 180 Oxford
Wilson-Martin Co., 30th & Market
Wrigley Mfg. Co., Bourse
Young C. W. & Co., 1247 N 26th
PITTSBURGH—Colgate & Co. (See New York City)
Fairbank N. K. Co., May bldg. (See Chicago, Ill.)
Falck F. L. & Co., 1400 High
Globe Soap Co., 1204 Penn av. (See Cincinnati, O.)
Hasley Geo. & Sons, 1540 East
Proctor & Gamble Distributing Co. (See Cincinnati, O.)
Staab G., 54 Royal
Strunz S. & Son (Special, also Liquid Soft & Laundry), 703 Bingham
Walker W. & H., Herrs Island
SCRANTON—Greenberg Chas. F.
SHARPSBURG—Williams Joseph Co.
WARREN—Warren Specialty Co. (Chip)

RHODE ISLAND.

EAST GREENWICH—Farrington W. U. (Estate of)
NEWPORT—Jones E. D. & Son
PAWTUCKET—Draper J. O. Co.
Perry Oil Co.
PROVIDENCE—Harris A. W. Oil Co. (Motor Car), 326 S Water
Kendall Mfg. Co., 90 Friendship
Miley Soap Co.
Miller Mfg. Co., 668 Eddy
WOONSOCKET—Standard Soap Mfg. Co.

TENNESSEE.

CHATTANOOGA—Scholze Henry A
KNOXVILLE—Wag's Chemical Co. ("Mar-Jo-Rey" Toilet Soap), 312 W Jackson av
NASHVILLE—Enterprise Soap Works

TEXAS.

DALLAS—Armstrong Packing Co.
SAN ANTONIO—Dietrich J. & Co. (Cottonseed Oil)
Lange Soap Co. (Laundry)

UTAH.

SALT LAKE CITY—Utah Soap Co.

VERMONT.

BENNINGTON—Adams Enos Co. (Mineral Soap Crystals & Hand Paste)
BURLINGTON—Hough H. H.

WASHINGTON.

SEATTLE—Bernard W. J.
Riebe Green Soap Co. (Vegetable Green, Automobile, Liquid & Hand)
SPOKANE—Western Soap Co. (Ltd.)

WISCONSIN.

APPLETON—Heinskill John
GREEN BAY—Green Bay Soap Co. (Laundry)
MADISON—Kailen M. & Son
MILWAUKEE—Babbitt B. T. (Inc.) (See New York City)
Crystal Soap Co. (Toilet), 60 5th
Hansen John & Sons, 824 30th
Johnson B. J. Soap Co. (Laundry, Toilet, "Morax," Pumice, Textile, Tar & Shaving), 42 4th
Lavo Company, 48 7th
Milwaukee Soap Co., 379 4th
Wadham's Oil Co. (Liquid, Toilet, Oil & Drilling), 359 Clinton
SHEBOYGAN—Rexine Co. (Toilet)

13803—Soap (Automobile Oil)

Ajax Oil & Grease Co., 170 W 65th, New York
Camden Chem. Mfg. Co. ("Greyhound" Neutral Suds), 1800 Mickle, Camden, N. J.
Cataract Refining & Mfg. Co. ("Cascade"), Buffalo, N. Y.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Cortland Specialty Co., Cortland, N. Y.
Davies Young Soap Co. ("Buckeye" Cleanser), Dayton, O.
Devillers Soap Co. ("National"), 95 Cliff, New York
Durkee-Atwood Co. ("Rie Nie"), 40 Wilder, Minneapolis, Minn.
Eavenson J. & Sons, Camden, N. J.
Flash Chemical Co. ("Flash Vegetal"), 160 2d, Cambridge, Mass.
Green Oil Soap Co. ("Commercial"), 166 N Curtis, Chicago, Ill.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Hoosier Mfg. Co. ("Knoxall"), N McCarthy, Indianapolis, Ind.
Houghton E. F. & Co. ("Houghton"), 240 W Somerset, Phila., Pa.
India Alkali Works ("Shield"), 28 India Wharf, Boston, Mass.
International Metal Polish Co. ("Blue Ribbon"), Quill & Belt Ry, Indianapolis, Ind.
Monahan Antiseptic Co., 166 N Curtis, Chicago, Ill.
National Oil Products Co., Harrison, N. J.
National Oil & Supply Co. ("Viscos"), 174 Frelinghuysen av, Newark, N. J.
National Soap Co. ("Auto King"), 440 Franklin, Detroit, Mich.
Oil & Grease Co. ("O & G"), 65 B'way, New York
Parker Refining Co., Cleveland, Ohio
Puritan Soap Co. ("Puritan"), 496 Exchange, Rochester, N. Y.
Riebe Green Soap Co., Seattle, Wash.
Seaman Oil Co., Glen Cove, N. Y.
Sibley Soap Co., Franklin, Pa.
Specification Soap & Oil Co., 427 W 13th, New York
Stock G. B. Xylite Grease & Oil Co., Port Huron, Mich.
WAVERLY OIL WORKS CO., 54th, Pittsburgh, Pa.

13804— Soap Bark

Anderson-Hillier Co. Inc. (Imp.), 99H John, New York

13805— Soap (Castor Oil)

Bosson & Lane, Atlantic, Mass.

13806—Soap Dispensers (Liquid)

Antiseptol Liquid Soap Co. ("Antiseptol"), 564 W Randolph, Chicago, Ill.
Clifton Chemical Co., 317 Greenwich, New York
Cremoline Disinfecting Co., 121 S Main, St. Louis, Mo.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Flash Chemical Co. ("Flash"), 160 2d, Cambridge, Mass.
Garnet Geo. H. Co., Allentown, Pa.
Hillyard Mfg. Co., St. Joseph, Mo.
Hultz Ellsworth H. (Sanitary), 218 Walnut, Phila., Pa.
MORRILL CHAS. ("Soapburn" & "Apex," for All Purposes), 100 Lafayette, New York. *See adv index at end of book*



The Soapurn is an economical, sanitary liquid soap dispenser made in a variety of sizes and styles, and is a necessity in every washroom. Extensively used in public offices and factories.

Chas. Morrill
100 Lafayette St.
New York

O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Rochester Germicide Co., Rochester, N. Y.
Smithereen Co., 4523 Cottage Grove av, Chicago, Ill.
Soapitor Co., 154 W 14th, New York
West Disinfecting Co., 411 5th av, New York

13806a—*Soap Distributing Systems

Morrill Chas., 100 Lafayette, New York
See adv index at end of book

13806b— Soap Flakes

Delbare Mfg. Co., 720H S Dearborn, Chicago, Ill.

13807— Soap (Green)

Columbus Chemical Co. ("High Grade," for Woodwork & Floors), 3725 Langley av, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
National Oil Products Co., Harrison, N. J.
Robertson Thos. B. Products Co. ("T. B. R." & "20th Century"), 700 W Division, Chicago, Ill.

13808— Soap (Hand)

A-I Mfg. Co. ("A-I" Mechanics), Front & Wharton, Phila., Pa.
Adams Enos Co., Bennington, Vt.
Bobrick Chemical Co., 117 S Garey, Los Angeles, Cal.
Bosson & Lane (Para Oil), Atlantic, Mass.
California Soap Co., 2437 E 9th, Los Angeles, Cal.
Climax Cleaner & Mfg. Co., 2080 W 110th, Cleveland, O.
Colgate & Co., 105 Hudson, Jersey City, N. J.
Davies, Young Soap Co. ("Whiz"), Dayton, O.
Diana Oil & Grease Co., 554 Hamilton av, Brooklyn, N. Y.
Durkee-Atwood Co. ("Rie Nie"), 40 Wilder, Minneapolis, Minn.
Eastern Supply Co., 2 Canterbury, Worcester, Mass.
Eavenson J. & Sons, Camden, N. J.
Ericka Mfg. Co., Springfield, Mass.
Flash Chemical Co. ("Flash"), 160 2d Cambridge, Mass.
Git Mfg. Co. ("Git" & "Mechanics Pride"), Westfield, Mass.
Green Oil Soap Co., 166 N Curtis, Chicago, Ill.
Hall-Thompson Co., Hartford, Conn.
Harrah & Stewart Mfg. Co. ("Thumbs"), Des Moines, Ia.
Harral Soap Co., 136 Havemeyer, Brooklyn, N. Y.
Hollingshead R. M. Co. ("Krystal Soiloff," "Washeasy"), Camden, N. J.
International Metal Polish Co. (Cold Cream"), Quill & Belt Ry, Indianapolis, Ind.
International Supply Co. ("Everybody's"), 2d & Bent, Cambridge, Mass.
Jergens Andrew Co. ("Jergens" Pumiss), 599 B'way, New York
Johnson B. J. Soap Co., 42-4th, Milwaukee, Wis.
Klean-Wel Mfg. Co. (Klean-Wel"), Superior Viaduct, Cleveland, O.
Kleno Mfg. Co., N Weymouth, Mass.
Mione Mfg. Co. ("Mione"), Collingdale, Pa.
Modoc Co., Fernwood, Pa.
Morgan's Enoch Sons Co. ("Sapolio"), 439H West, New York
National Soap Co., 440 Franklin, Detroit, Mich.

Northwestern Chemical Co. ("Norwesco"), Marietta, O.
Orono Sales Co., 29 India, Boston, Mass.
Puritan Soap Co., 496 Exchange, Rochester, N. Y.
Rath Mfg. Co. ("Fingarbrite"), Hedley E of Richmond, Phila., Pa.
Rexine Co., Sheboygan, Wis.
Robertson Vanco Co. ("Vanco" Paste), **103 Park av, New York**
Saponol Chemical Co., 1916 Park av, New York
Skat Co. ("Skat"), Hartford, Conn.
Stanley John T., 642 W 30th, New York
Tatlock Bros. ("Tats Grip"), Rochester, N. Y.
Utility Co. ("Gresolvent"), 636 W 44th, New York
Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
Waltke Wm. & Co., Grand av & 2nd, St. Louis, Mo.
White & Bagley Co., Worcester, Mass.
Winn Wm. R. ("Clean Easy"), 488 Cherry, New York
Yeazell-Goldstein Co. ("Shidoo" Paste), Columbus, O.

13809— Soap (Harness)

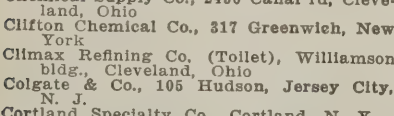
Colgate & Co., 105 Hudson, Jersey City, N. J.
Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
Frazer Lubricator Co. ("Frazer"), **3921 Normal av, Chicago, Ill.**
Hollingshead R. M. Co. (Castile Cream, etc; also Saddle Soap), Camden, N. J.
Miller Frank Co., 349 W 26th, New York
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.

13810— Soap (Linseed Oil)

American Oil Corp. ("Advance"), Jackson, Mich.
Am. Zinc Products Co., Greencastle, Ind.
Baum's Castorine Co., Rome, N. Y.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Climax Refining Co. ("Bull Dog"), Williamson bldg, Cleveland, O.
Climax Western Oil Co. ("Bull-Dog"), 2824 10th av, S Minneapolis, Minn.
Great Western Oil Co., 2846 E 37th, Cleveland, Ohio
India Alkali Works ("Shield"), 28 India Wharf, Boston, Mass.
Modoc Co. (Soft Soap), Fernwood, Phila., Pa.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Pioneer Mfg. Co. ("Shino"), 3053H E 87th, Cleveland, O.
Rochester Germicide Co., 16 Dowling pl, Rochester, N. Y.
Sherwin-Williams Co. ("Flaxoap"), Cleveland, O.
Sinclair Refining Co., ("U-Au-To"), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

13811-12— Soap (Liquid)

Antiseptol Liquid Soap Co. ("Antiseptol"), 564 W Randolph, Chicago, Ill.
Autozone Chemical Co., 32 Old slip, New York
Baum Bros. Co., Denver, Colo.
Bonyata Chemical Co. ("Del-Luzon" Brand), Grinnell, Ia.
Bristol-Myers Co., 281 Greene av, Brooklyn, N. Y.
California Exterminating Co., Inc., 121 Manhattan, New York
Caphenin Chem. Co., Waverly, Iowa
Carpenter W. D. Co., Syracuse, N. Y.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Clifton Chemical Co., 317 Greenwich, New York
Climax Refining Co. (Toilet), Williamson bldg., Cleveland, Ohio
Colgate & Co., 105 Hudson, Jersey City, N. J.
Cortland Specialty Co., Cortland, N. Y.
Cremoline Disinfecting Co., 121 S Main, St. Louis, Mo.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Fergusson Alex C., Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Fischer Soap & Oil Co. ("Latheroll"), 2715 Colerain av, Cincinnati, O.
Flash Chemical Co. ("Flash"), 160 2d Cambridge, Mass.
Fort Pitt Chemical Co. ("Fort Pitt"), 3134 Penn av, Pittsburgh, Pa.
Garnet Geo. H. Co., Allentown, Pa.
Hearn H. B. Co. Inc., 101 S Frederick, Baltimore, Md.
Hillyard Mfg. Co., St. Joseph, Mo.
Hockwald Chemical Co. ("Royal"), 531 Howard, San Francisco, Cal.
Hollingshead R. M. Co. ("Whiz" Toilet), Camden, N. J.
Hygenol Co. ("Hygenol"), 2837 Henn, Minneapolis, Minn.
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.
Johnson & Johnson, New Brunswick, N. J.
Lewis Samuel ("Beaumont"), 73 Barclay, New York
National Oil Products Co., Harrison, N. J.
Northwestern Chemical Co., Marietta, O.
O'Kleen O Products Co., 712 Madison av, Baltimore, Md.
Ohio Chemical Co., Findlay, Ohio
Packer Mfg. Co. ("Packers" Tar), 81 Fulton, New York
Phoenix Oil Co., 2254 W 5th, Cleveland, O.
Pioneer Mfg. Co. ("Shino"), 3053H E 87th, Cleveland, O.
Puritan Soap Co. ("Puritan"), 496 Exchange, Rochester, N. Y.
Rath Mfg. Co., Hedley, E of Richmond, Phila., Pa.
Riebe Green Soap Co., Seattle, Wash.
Robertson Thos. B. Products Co. ("Triumph"), 700 W Division, Chicago, Ill.
ROCHESTER GERMICIDE CO., 16 Dowling pl, Rochester, N. Y.
Sanifat Co., 141 W 36th, New York
Sanitary Products Corp. ("Soapolin"), Philadelphia, Pa.
Saponal Chemical Co., 1916 Park av, New York
Schmidt Geo. A. & Co., 236 W North av, Chicago, Ill.
Sibley Soap Co., Franklin, Pa.
Specification Soap & Oil Co., 427 W 13th, New York
Standard Oil Soap Co., 45 N Division, Buffalo, N. Y.
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.
U. S. Chemical Co., Greenville, O.
Vestal Liquid Soap & Disinfectant Co. ("Vestal"), 1121 Pine, St. Louis, Mo.
Waldham's Oil Co., Natl. Bank bldg, Milwaukee, Wis.
Walton F. S. Co. ("Victoria"), Orthodox & Del., Phila., Pa.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.
West Disinfecting Co. (("Beau Brummel"), 411 5th av, New York

13812a— Soap (Shaving)

Colgate & Co., 105 Hudson, Jersey City, N. J.
Daggetts & Ramsdell,, 214 W 14th, New York
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.
Johnson & Johnson, New Brunswick, N. J.
Larkin Co., 663 Seneca, Buffalo, N. Y.
Mennen Co., 42 Orange, Newark, N. J.
Schafer Geo. H. & Co. ("V-E-L-O"), Fort Madison, Ia.
Schmidt Geo. A. & Co., 236 W North av, Chicago, Ill.
Williams J. B. Co., Glastonbury, Conn.

13812b— Soap (Soft)

Glogau & Co., Great Lakes bldg, Chicago, Ill.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

13813— Soap (Stock)

American Cotton Oil Co., 65 Broadway, New York

13813a— Soap (Textile Mill)

Anchor Color & Gum Wks., Dighton, Mass.
Arabol Mfg. Co., 100 William, New York
Brewer & Co., Worcester, Mass.
Fancourt W. F. & Co., Inc., 516 S Del., Phila., Pa.
Miller Mfg. Co., 668 Eddy, Providence, R. I.
National Oil Products Co., Harrison, N. J.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

13814—Soap (Vegetable Oil)

Bredt F. & Co., 240 Water, New York *See adv index at end of book*
Columbia Refining Co. ("Amberzo"), 90 West, New York
Harral Soap Co. (For Metal Spinners, etc), 136 Havemeyer, Brooklyn, N. Y.
Hearn H. B. Co., Inc., 101 S Frederick, Baltimore, Md.
Hoosier Mfg. Co. ("Knoxall"), 523 N McCarthy, Indianapolis, Ind.
Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.
Riebe Green Soap Co., Seattle, Wash.
Robertson Theo. B. Products Co., Inc., ("20 Century"), 700 W Division, Chicago, Ill.
Rochester Germicide Co., 16 Dowling pl, Rochester, N. Y.
Wag's Chemical Co. ("Wag's"), 312 W Jackson av, Knoxville, Tenn.
Waverly Oil Works Co., 54th, Pittsburgh, Pa.

13815— Soap (Whale Oil)

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Royal Chemical Co., Phoenix, R. I.
Swan & Finch Co., 165 B'way, New York

13816—Soapmakers' Supplies

Adams Fred C. Co. (Caustic Soda & Soda Ash), 118 N LaSalle, Chicago, Ill.
Elbert & Co., 27 William, New York
International Silica Co., Cairo, Ill.
Magnus, Mabee & Reynard (Oils), 257 Pearl, New York
Tweedy Co. (Jobbers, etc.) 24 California, San Francisco, Cal.

13817— Soapstone

Alberene Stone Co. (Quarries), 223 E 23d, New York
American Mineral Co., Johnson, Vt.
Blue Ridge Talc Co. (Foundry Facing Pulverized & Slabs), Henry, Va.
Bull Run Talc & Soapstone Co. ("Redoxo"), Clifton Station, Va.
CHRYSTAL CHARLES B., 13 Cliff, New York. *See adv index at end of book*
Cohutta Talc Co. (Foundry Facings, Crayons, Pencils, etc), Dalton, Ga.
Doggett Stanley (Brick, Foundry Facings, etc), 11 Cliff, New York
Dolge C. B. Co., Westport, Conn.
Dunn & Kruse (Imp), 63 Park Row, New York
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Hammill & Gillespie, 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
National Sales & Trading Co. (Talc), Cleveland, O.
New England Quartz Co. of N. Y. (Powdered), 150 Nassau, New York
Phoenix Soapstone Co., 71 Murray, New York
Product Sales Co. (Miners), 32 So Calvert, Baltimore, Md.
Talc Products Co., 11 Pine, New York
Troy Bros. & Co., 975 Massachusetts av, Rox, Boston, Mass.
Union Soapstone Co., 14 Marshall, Boston, Mass.
WILLIAMS C. K. & CO., Easton, Pa. *See adv index at end of book*

13818— Soapstone for Electrical Work

Alberene Stone Co., 223 E 23d, New York
Doggett Stanley, 11 Cliff, New York
Phoenix Soapstone Co., 71 Murray, New York
Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.

Soapstone for Lubricants

See Soapstone, Powdered or Dust

Soapstone (Ground)

See Soapstone, Powdered or Dust

13819—Soapstone (Powdered or Dust)

American Mineral Co., Johnson, Vt.
American Soapstone Finish Co., Chester Depot, Vt.
Atlas Mineral Products Co., Dept. H, Mertztown, N. J.
Blue Ridge Talc Co. ("Blue Ridge"), Henry, Va.
Doggett Stanley, 11 Cliff, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
McIlvaine Bros., 1500 Hamilton, Phila., Pa.
Salomon L. A. & Bro. (Powdered), 210 Pearl, New York
Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio

13820—Socket Bushing (Rubber)

Goodrich B. F. Co., Akron, O.
Republic Rubber Co., Youngstown, O.

13821— *Socket Linings

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Elastoid Fibre Co. ("Elastoid" Insulating), Waltham, Mass.

13822— Sockets (Awning)

Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

13823— Sockets (Bow)

Am. Forging & Socket Co. (Automobile), Pontiac, Mich.
Ashtabula Bow Socket Co. (Leather Covered & Japanned), Ashtabula, O.
Bonney Forge & Tool Works (Carriage), Allentown, Pa.
Brewer-Titchener Corp. ("Ajax," "Cortland," "Pioneer"), Cortland, N. Y.
Cleveland Hardware Co., Lakeside av & E 45th, Cleveland, O.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Detroit Socket Co., 834 W Jefferson, Detroit, Mich.
General Drop Forge Co., Buffalo, N. Y.
Mossman, Yarnelle & Co. (Wood, for Auto & Carriage), Fort Wayne, Ind.
Owensboro Forging Co. (Steel), Owensboro, Ky.
Scherer H. & Co. (Leather Covered & Steel), 280 E Jefferson, Detroit, Mich.
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

13824— Sockets (Chair)

Barbecker & Rowland Mfg. Co., Waterville, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*

13825—Sockets (Curtain Pole & Rod)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Brocks A. S. Rubber Co., 57 Broad, Boston, Mass.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

13826— Sockets (Die)

Cleveland Steel Tool Co., 660 E 82nd, Cleveland, O.

13827— Sockets (Drill)

American Specialty Co. ("Use-Em-Up"), 319 W Ohio, Chicago, Ill.
Armstrong Bros. Tool Co. (Blacksmith), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("B & S"), Hartford, Conn.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co. ("Perfect Double Tang"), 1 E 49th, Cleveland, Ohio
Collis Co. (Standard Sleeves & Sockets), Clinton, Ia.
Conn. Tele. & Elec. Supply Co., 70 Britnia, Meriden, Conn.
Culver-Stearn Mfg. Co., 34 S Bridge, Worcester, Mass.
DETROIT TWIST DRILL CO., 555 Fort, Detroit, Mich. *See adv index at end of book*
General Elec. Co., Schenectady, N. Y. *See adv index at end of book*
Gibson-Hollister Mfg. Co., Springfield, Mass.
Harvard Elec. Co., 523 W Van Buren, Chicago, Ill.
Higginson-Gibson Mfg. Co. (Conn. Sockets), 76 Atherton, Boston, Mass.
Keystone Mfg. Co., Buffalo, N. Y.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Lovejoy Tool Works (& Sleeves "Use-em-up"), 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Morse Frank W., 293 Congress, Boston, Mass.
Morse Twist Drill & Machine Co., ("Morse"), New Bedford, Mass.
Muncie Malleable Castings Co., Muncie, Ind.
National Twist Drill & Tool Co. ("National," Taper Shank Sockets & Sleeves), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Pratt & Whitney Co. (High Power), Hartford, Conn.
Scully, Jones & Co., Railway Exch. bldg, Chicago, Ill.
Union Twist Drill Co. (Steel Blank End, Morse Taper & Fitted), Athol, Mass.
WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

Sockets (Electric Lamp)

Note: For manufacturers of various kinds of Electric Lamp Sockets see sub-classifications of this heading following in their regular alphabetical order. See also receptacles.

Miniature Sockets are rated 75 watts maximum.

Medium Sockets are rated 250 watts maximum or 660 watts maximum if keyless or if with switch mechanism making a quick "make" and "break."

Mogul Sockets are rated 1500 watts maximum.

13828—Locking Sockets (Medium & Mogul)

Arrow Electric Co. ("Arrowlock"), Dept. H, Hartford, Conn.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Pass & Seymour Inc. ("Shurlock"), Dept. H, Solvay, N. Y.

13829—Medium Electric Lamp Sockets

13829a— Candle

Arrow Electric Co., Dept. H, Hartford, Conn.
Best Electric Corp., 476 B'way, New York
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
CUTLER HAMMER MFG. CO. ("C-H" Push), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Pass & Seymour, Inc., Dept. H, Solvay, N. Y.
Peerless Light Co. ("E-Z-Wire," Pull & Key & Keyless), 663H W Washington blvd, Chicago, Ill.

13829b—Metal Shell Key & Keyless

Arrow Electric Co. ("Arrow Twenty"), Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Connecticut av, Bridgeport, Conn.
Cutler Hammer Mfg. Co. ("C-H" Keyless Only), 12th & St. Paul av., Milwaukee, Wis. *See adv index at end of book*
Federal Sign System, 8700H S State, Chicago, Ill.
Freeman E. H. Elec. Co., Dept. H, Trenton, N. J.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey, Inc., Dept. H, Bridgeport, Conn.
Lucey Mfg. Corp. (Dirs.), 233 B'way, New York
Manhattan Electrical Supply Co. (Dirs.), 17H Park pl, New York *See adv index at end of book*
Ostrander W. R. & Co., 371H B'way, New York
Paiste H. T. Co., 3201H Arch, Phila., Pa.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Waterbury Button Corp., 831 S Main, Waterbury, Conn. *See adv index at end of book*
Weber Electric Co. ("Royal," "Universal"), Schenectady, N. Y.
Yost Electric Mfg. Co., Dept. H, Toledo, O.

13829c— Metal Shell Pull

Arrow Electric Co., Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.
McGILL MFG. CO. ("Levolier" 660 volts), Valparaiso, Ind. *See adv index at end of book*
Ostrander W. R. & Co., 371H B'way, New York
Paiste H. T. Co., 3201H Arch, Phila., Pa.
Weber Electric Co. ("Royal," "Universal"), Schenectady, N. Y.

13829d— Metal Shell Push

Arrow Electric Co., Dept. H, Hartford, Conn.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
CUTLER HAMMER MFG. CO. ("C-H"), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
General Electric Co., Schenectady, N. Y. *See adv index at end of book*

13829e—Porcelain Shell Key & Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Square D Co., 6060H Ribard, Detroit, Mich.
Weber Electric Co., Schenectady, N. Y.

13829f—Porcelain Shell Pull

Arrow Electric Co., Dept. H, Hartford, Conn.
CUTLER HAMMER MFG. CO. ("C-H"), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Weber Electric Co., Schenectady, N. Y.

13829g—Porcelain Shell, Push

Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Cutler Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

13829h—Weatherproof - Composition Keyless

Best Electric Corp.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Cole Henry & Co., 54H Old Colony av, Boston, Mass.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Johns-Pratt Co., Dept. H, Hartford, Conn.
Lucey Mfg. Corp. (Jobbers), 233 B'way, New York
Paiste H. T. Co., 3201H Arch, Phila., Pa.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Paulding John I. Inc., Dept. H, New Bedford, Mass.
Trenton Electric & Conduit Co., Dept. H, Trenton, N. J.
Waterbury Button Corp., 831 S Main, Waterbury, Conn. *See adv index at end of book*

13829i—Weatherproof Metal Shell Keyless

Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co. (Aluminum), Dept. H, Bridgeport, Conn.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Pass & Seymour Inc., Dept. H, Solvay, N. Y.

13829j — Weatherproof Porcelain Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Cole Henry & Co., 54H Old Colony av, Boston, Mass.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Crouse & Hinds Co., Dept. H, Syracuse, N. Y.
Electric Appliance Co., 701H W Jackson blvd, Chicago, Ill.
Federal Electric Co., 640H W Lake, Chicago, Ill.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Newgard Henry & Co., 947H Washington blvd, Chicago, Ill.
Paiste H. T. & Co., 3201H Arch, Phila., Pa.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Paulding John I. Inc., Dept. H, New Bedford, Mass.
Stanley & Patterson Inc., 23H Murray, New York
Trenton Electric & Conduit Co., Dept. H, Trenton, N. J.

13830 — Miniature Electric Lamp Sockets

13830a—Ediswan or Bayonet (Key, Keyless, Pull)

Bryant Electric Co. (Key, Keyless, Pull), Dept. H, Bridgeport, Conn.
MORSE FRANK W., 289 Congress, Boston, Mass. *See adv index at end of book*

13830b— Metal Shell Key

Bryant Electric Co., Dept. H, Bridgeport, Conn.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*

13830c—Metal Shell Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.
MORSE FRANK W., 289 Congress, Boston, Mass. *See adv index at end of book*

13830d— Metal Shell Pull

Bryant Electric Co., Dept. H, Bridgeport, Conn.

13830e—Porcelain Shell Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Weber Electric Co. (Candle), Schenectady, N. Y.

13831—Mogul Electric Lamp Sockets

13831a—Metal Shell Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Weber Electric Co., Schenectady, N. Y.

13831b—Porcelain Shell Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Bryant Electric Co., Dept. H, Bridgeport, Conn.
Connecticut Electric Mfg. Co., Dept. H, Bridgeport, Conn.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
Pass & Seymour Inc., Dept. H, Solvay, N. Y.
Peru Electric Co., Dept. H, Peru, Ind.
Union Electric Co., Dept. H, Trenton, N. J.
Weber Electric Co., Schenectady, N. Y.

13831c — Weatherproof Porcelain Shell Keyless

Arrow Electric Co., Dept. H, Hartford, Conn.
Bryant Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
Freeman E. H. Electric Co., Dept. H, Trenton, N. J.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Weber Electric Co., Schenectady, N. Y.

13832 — Regulating Electric Lamp Sockets

Anylite Electric Co., Dept. H, Ft. Wayne, Ind.
Tremont Products Co., 216H High, Boston, Mass.
Wirt Co. ("Dim-a-lite"), Germantown, Phila., Pa.

13833—Special Electric Lamp Sockets

Arrow Electric Co., Dept. H, Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Chicago Electric Mfg. Co. (Automobile), 2817 S Halsted, Chicago, Ill.
Hubbell Harvey Inc., Dept. H, Bridgeport, Conn.

13834— Sockets (Flag Pole)

Durkee Chas. D. & Co., 2 South, New York
Laughlin Thos. Co., Portland, Maine
Marine Hardware Co., Peabody, Mass.
Nicol & Co., 218 N. Jefferson, Chicago, Ill.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

13835—Sockets (Furniture Leg)

Weber-Knapp Co. (Brass), Jamestown, N.Y.

13836-7— Sockets (Ladder)

Arcade Mfg. Co. (Iron), Freeport, Il.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
See adv index at end of book

13838-9— Sockets (Lathe)

Am. Hollow Boring Co. (Lathe Only), Erie, Pa.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Union Twist Drill Co., Athol, Mass.

13840— Sockets (Peavey)

American Logging Tool Co., Evart, Mich.

13841-2—Sockets (Pump Rod)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Johnson E. E., St. Paul, Minn.
Keystone Driller Co., Beaver Falls, Pa. *See adv index at end of book*

13843-4—Sockets (Sucker Rod)

Bradford Supply Co., Bradford, Pa.
Masseth Packer & Machine Co. ("M. & B."), Butler, Pa.

Sockets (Weatherproof)

See Sockets, Waterproof

13845— Sockets (Whip)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Eberhard Mfg. Co., C. & P. Ry. & Tennyson rd, Cleveland, O.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fernald Mfg. Co., North East, Pa.
Flint Specialty Co., Flint, Mich.
Landers Bros. Co., Toledo, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Scott E. W. Co., Danielson, Conn.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

13845a—Sockets (Wire Rope)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bonney Forge & Tool Works, Allentown, Pa.
Broderick & Bascom Rope Co. (Jobbers), **805 N Main, St. Louis, Mo.**
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chicago Steel Foundry Co. ("Chicago," **Crucible Cast Steel), 3701 S Kedzie av**, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Marine Hardware-Equipment Co. ("Acme" & "Mheco" Drop Forged), So Portland, Me. *See adv index at end of book*
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
ROEBLING'S JNO. A. SONS CO. ("Roebling"). Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Terry & Tench Co., 70 E 45th, New York
Trow & Holden Co., Barre, Vt.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
WILLIAMS J. H. & CO. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

13846— Sockets (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13847—Socks (Lumbermen's)

Adler Underwear & Hosiery Mfg. Co., Harrison & Queen City avs, Cincinnati, O.
Alpena Woolen Mills, Alpena, Mich.
Bornemann Ed., St. Peter, Minn.
Chicago Hosiery Co., 565 Michigan av, Detroit, Mich.
Clare Knitting Mills, Saginaw, Mich.
Consolidated Knitting & Spinning Mills, Reading, Pa.
Cook Jonas M., Somerset, Pa.
Cooper, Wells & Co., St. Joseph, Mich.
Detroit Alaska Knitting Mills, 1927 Michigan av, Detroit, Mich.
Fead John L. & Sons, Port Huron, Mich.
Forest City Woolen Mills Co., Cleveland, O.
Fox River Valley Knitting Co., Appleton, Wis.
Frankenmuth Woolen Mill Co., Frankenmuth, Mich.
Gloversville Knitting Co., Gloversville, N. Y.
Hand Knit Hosiery Co., Sheboygan, Wis.
Hollywood Mfg. Co., Hollywood, W Va.
Inland Knitting Works, Green Bay, Wis.
La Crosse Knitting Co., La Crosse, Wis.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.
National Knitting Co., 905 Clinton, Milwaukee, Wis.
New Albany Hosiery Mills, New Albany, Ind.
Portage Hosiery Co., Portage, Wis.
Rich John & Bros., Woolrich, Pa.
Ripon Knitting Works, Ripon, Wis.
Soo Woolen Mills, Sault Ste Marie, Mich.
Wood H. H. & Co., Lakeport, N. H.

13848-9— Soda Ash

Adams Fred Co. Co., 118 N La Salle, Chicago, Ill.
American Chemical Co., 640 Carr, Cincinnati, O.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Breslauer A. (Industrial Chemicals), American Nat'l Bank bldg, San Francisco, Cal.
Clark Fred G. Co. (For Wholesale Trade Only), 1081 W 11th, Cleveland, O.
Columbia Chemical Co., Frick bldg, Pittsburgh, Pa.
Diamond Alkali Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
FERGUSSON ALEX. C. JR., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Hacke M. C. (Mer.), 144 California, San Francisco, Cal.
Harshaw, Fuller & Goodwin, Elec. bldg, Cleveland, O.
Heil Henry Chemical Co. (Imp.), St. Louis, Mo.
Hill's Edward Sons & Co. (Agents Mich. Alkali Co.), 64 Wall, New York
Horstmann John Co., 685 Bryant, San Francisco, Cal.
Industrial Chem. Co. (Dense), 200 5th av, New York
Innie, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Johnson A. W. V., Merchants Exchange, San Francisco, Cal.
Mathieson Alkali Works ("Eagle" & "Thistle" Brand), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co., Camden, N. J.
Michigan Alkali Co., Wyandotte, Mich.
Michigan Electrochemical Co., Menominee, Mich.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Electrolytic Co. Inc. ("Niagara"), Niagara Falls, N. Y.
Partola Mfg. Co., 160 2d av, New York
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Riker J. L. & D. S. (Imp.), 19 Cedar, New York
Sergeant E. M. Co., 15 E 26th, New York *See adv index at end of book*
Solvay Process Co., Syracuse, N. Y.
Vera Chemical Co., No. Milwaukee, Wis. Stoneham, Mass., Burlington, Ont., Canada
Van Brunt J. A. & Co. (Dirs.), 114 John, New York
Wander, S. & Sons' Chemical Co., Albany, N. Y.
Welch, Holme & Clark Co., 383 West, New York
Wiarda John C. & Co. (Jobbers, 148 58 per cent.), 273 Greene, Brooklyn, N. Y.
Wing & Evans (Selling Agents), 22 William, New York
Wolf Jacques & Co. **(Selling Agents), Passaic, N. J.**

Soda (Bi-Carbonate)

See Sodium Bicarbonate

Soda (Bichromate & Fluoride)

See Sodium Bichromate; also Sodium Fluoride

Soda (Bisulphate)

See Sodium Bisulphate

Soda (Hydrosulphite)

See Sodium Hydrosulphite

13850— *Soda (Nitrate of)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept. Acid & Heavy Chemicals Div., Wilmington, Del. *See adv index at end of book*

13851—Soda Recovery Plants

International Process Co. ("Carlson"), 5 Beekman, New York
Newhall Geo. M. Engng. Co. (Engines for Complete Plants), **Commercial Trust** bldg, Phila., Pa.

13852-3— Soda (Selenate)

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

Soda (Trisodium Phosphate)

See Sodium Tri-Phosphate

Soda (Washing)

See Sal-Soda

13854—Sodium Acetate (Acetate of Soda)

Anderson Chemical Co., Wallington, N. J.
Du Pont E. I. de Nemours & Co. Inc., Special Products Sec., Wilmington, Del. *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chem. Co. (Brown & White), Guardian bldg, Cleveland, Ohio
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la, New York
Merrimac Chemical Co., 148 State, Boston, Mass.

13854a— Sodium Arsenate

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Shaw John & Co., 15 Elkins South, Boston, Mass.

Sodium Benzoate

See Benzoate of Soda

13854b—Sodium Bicarbonate

See also Bicarbonate of Soda

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Provident Chemical Wks., 8011 Idaho av, St. Louis, Mo.

SODIUM (BICARBONATE)—continued
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Solvay Process Co. (Solvay), Syracuse, N. Y.
Van Brunt & Co. (Dirs.), 114H John, New York

13854c— Sodium Bichromate

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la, New York
Mutual Chemical Co. of America, 55 John, New York
National Electrolytic Co. Inc ("Niagara"), Niagara Falls, N. Y.
Natural Products Refining Co. ("Naproco"), 902 Garfield av, Jersey City, N. J.
Partola Mfg. Co., 160 2nd av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Vitro Manfg. Co., H Bessemer bldg, Pittsburgh, Pa.

13854d—Sodium Bi-Fluoride

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

13854e— Sodium Bismuthate

Holz & Co., Inc., 18 Madison av, New York *See adv index at end of book*

13854f— Sodium Bisulphate

Butterworth-Judson Corp., 61 Broadway, New York *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co. Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Kuttroff Pickhard & Co., Inc. (Selling Agents), 128 Duane, New York
Wolf Jacques & Co., Passaic, N. J.

13854g— Sodium Bisulphite

See also Bisulphite of Soda
Avery Chemical Co., 88 Broad, Boston, Mass.
Butterworth-Judson Corp., 61 B'way, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

13855— Sodium Bromide

Dow Chemical Co. (Granular), Midland, Mich.
Greeff R. W., 78 Front, New York
Halogen Chemical Co., Bay City, Mich.
Mallinckrodt Chem. Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl., New York
New York Quinine & Chemical Works, 135 William, New York
Warren Products Co., 265 Canal, New York
See adv index at end of book

13855a—Sodium Carbonate

See also Sal Soda
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Vitro Manfg. Co. (Soda Ash), H Bessemer bldg, Pittsburgh, Pa.

Sodium Carbonate Anhydrous

See Soda Ash

Sodium Carbonate Chrystal

See Sal Soda

13855b— Sodium Chlorate

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Jackson John J. Co., 158 Astor, Newark, N. J.
North American Chemical Co., Bay City, Mich.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co., 15 E 26th, New York.
See adv index at end of book
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

13855c— Sodium (Chromate)

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Mutual Chemical Co. of America, 55 John, New York
Warren Products Co., 265 Canal, New York
See adv index at end of book

13855d— Sodium Cyanide

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709H 6th av, New York
Warren Products Co., 265 Canal, New York
See adv index at end of book

13855e—Sodium (Ferrocyanide)

Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Bower Henry Chemical Co., Gray's Ferry rd & 29th, Phila., Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Katzenbach & Bullock, 100 William, New York
Mathieson Alkali Works, 25H W 43rd, New York
Penman Littlehales Chemical Co., Syracuse, N. Y.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Semet-Solvay Co., Syracuse, N. Y.

13855f— Sodium Fluoride

General Chemical Co., 25 Broad, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield, John W., 248 N 10th, Brooklyn, N. Y.
Klipstein A. & Co., 644 Greenwich, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Partola Mfg. Co., 160 2d av, New York
Roessler & Hasslacher Chem. Co., 709 6th av, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, New York

Sodium Hydrate

See Caustic Soda

Sodium Hydroxide

See Caustic Soda

13855f1—Sodium (Hydro-sulphite)

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Greeff R. W. & Co. Inc., 78 Front, New York
Wolf Jacques & Co., Passaic, N. J.

13855g—Sodium (Hypochlorite)

Sterling Products Co., Easton, Pa.
Warner Chemical Co., 52 Vanderbilt, New York

13855h—Sodium Hyposulphate

Cooper, Charles & Co., 194 Worth, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Lennig Chas. & Co., 40 No Front, Phila., Pa.
Marden, Orth & Hastings Co., 136 Liberty, New York
Mechling Bros. Mfg. Co., Camden, N. J.
Merck & Co., 45 Park pl, New York
Sergeant E. M. Co., 15 E 26th, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wolf Jacques & Co., Passaic, N. J.

13855h1—*Sodium Metanilate

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

13855h2—*Sodium Naphthionate

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

13855i— Sodium Nitrate

See also Nitrate of Soda
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Vitro Manfg. Co. (Chili Saltpetre), H Bessemer bldg, Pittsburgh, Pa.

13855j— Sodium Nitrite

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Marden Orth & Hastings Co., 136 Liberty, New York
Semet-Solvay Co., Syracuse, N. Y.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

13856— Sodium Perborate

Bischoff C. & Co. (Imp.), 451 Washington, New York

13856a—Sodium (Permanganate)

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Schapper Chemical Co., 192 N Clark, Chicago, Ill.
Wood J. Early Inc., 246H Water, New York

13856b— Sodium Peroxide

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Niagara Electro Chemical Co., Niagara Falls, N. Y.
Roessler & Hasslacher Chemical Co., 709 6th av, New York

13857— Sodium Phosphate

Block Chemical Works, Berkeley, Newark, N. J.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Merck & Co., 45 Park pl, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Warner Chemical Co., 52 Vanderbilt av, New York

13857a— Sodium (Salicylate)

See also Salicylate of Soda
Aniline Dyes & Chemicals, Inc., 134 Cedar, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Greeff R. W. & Co., 80 Maiden Lane, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Monsanto Chemical Wks., 1800 S 2nd, St. Louis, Mo.
Organic Salt & Acid Co., Vernon & Nott avs, Long Island City, N. Y.
Semet-Solvay Co., Syracuse, N. Y.

13857b—*Sodium Picramate

Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Dept., Wilmington, Del.
See adv index at end of book

13858— Sodium Salts

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
McKesson & Robbins, 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Sulphide of), Camden, N. J.
Roessler & Hasslacher Chemical Co. (Cyanide of Sodium), 709 6th av, New York

13858a— Sodium Silicate

Central Commercial Co., 111 N Market, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Feuchtwanger L. & Co., 136 Liberty, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Horstmann John Co., 685 Bryant, San Francisco, Cal.
Mechling Bros. Mfg. Co., Camden, N. J.
Philadelphia Quartz Co., 121 S 3d, Phila., Pa.
Philadelphia Quartz Company of California, 6th & Grayson, Berkeley, Cal.
St. Louis Chemical Wks. Co., 8025 S B'way, St. Louis, Mo.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Van Brunt J. A. & Co. (Dirs.), 114H John, New York

13858b—Sodium Silico-Fluoride

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Sundheimer Hy, 103 Park av, New York
Vitro Manfg. Co., H Bessemer bldg, New York

13858c— Sodium Sulphate

See also Salts, Glaubers'
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Partola Mfg. Co., 160 2nd av, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

13859— Sodium (Sulphide)

Du-ex Chemical Corp., 320 5th av, New York
FERGUSSON ALEX. C. JR., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York

General Chemical Co., 25 Broad, New York
Gilman Wm. D. Co. (Concentrated), 22 S 3d, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Lennig Chas. & Co. (Crystals & Double Strength), 40 N. Front, Phila., Pa.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
Roessler & Hasslacher Chemical Co., 709 (Crystals & Fused), 709 6th av, New York
Rollin Chemical Corp., 120 B'way, New York
Semet-Solvay Co., Syracuse, N. Y.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Van Brunt J. A. & Co. (Dirs.), 114H John, New York
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

13860— Sodium Sulphite

Butterworth-Judson Corp., 61 B'way, New York *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
National Aniline & Chemical Co., Inc. (60%-62%), 21 Burling slip, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

13860a—Sodium Tri-Phosphate

Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
See adv index at end of book
Hendley Chemical Co., 72 Trinity pl, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Warner Chemical Co., 52 Vanderbilt av, New York

13860b— Sodium (Uranate)

Carnotite Reduction Co., E 26th & So. Park av, Chicago, Ill.
Foote Mineral Co., 107 N 19th, Phila., Pa.
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

13861— Softeners (Cotton)

Arabol Mfg. Co. ("Bradford" Soluble Grease), 100 William, New York
Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Bosson & Lane ("Olo Soffene"), Atlantic, Boston, Mass.
Draper J. O. Co., Pawtucket, R. I.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

ALEX. C. FERGUSSON JR.
SINCE 1892
DOMESTIC AND IMPORTED CHEMICALS—COLORS—OILS
WAREHOUSE STOCKS
474 CHESTNUT ST. PHILADELPHIA

Fox Chas. J., 313 S Philip, Phila., Pa.
Harding & Fancourt ("Tuscan"), 516 S Delaware av, Phila., Pa.
Herrick & Voight, 68 Maiden la, New York
Holbrook Mfg. Co., 18th & Coles, New York
Houghton E. F. & Co. ("C. G.," "Alba," "Olive Cream"), 240 W. Somerset, Phila., Pa.
Leyland Thos. & Co., Readville, Boston, Mass.
Loos & Dilworth, 134 S Front av, Phila., Pa.
McMeekan D. Mfg. Co. (Also Silk), 1070 Pacific, Brooklyn, N. Y.
National Oil Products Co., Harrison, N. J.
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Royal Chemical Co., Phenix, R. I.
Scholler Bros. Co., Ambler & Westmoreland, Phila., Pa.
Tanner Chas. S. Co., 250 S Water, Providence, R. I.
Wilmington Oil Refining Co., Wilmington, Del.
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York
Zurn O. F. Co. (Turkish Softener, Resolvent Compound), Broad & Lehigh, Phila., Pa.

13862— Softeners (Skin)

Emrich, Phil. (Or Arm Stakes), 824 Main, Cincinnati, O.

13863— Soil Pipe Closers

Bradford Wm. A. Co., Quincy, Mass.

Soil Pipe & Fittings

See Cast Iron Soil Pipe & Fittings

SOLDER
UNION SMELTING & REFINING CO., INC.
New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

13864— Solder (Aluminum)

Allen L. B. Co., Inc., 4519 N Lincoln, Chicago, Ill.
Aluminum Co. of America, 2400 Oliver bldg, Pittsburgh, Pa.
Atkinson Co., Rochester, N. Y.
Austin M. B. & Co., 406 Jackson blvd, Chicago, Ill.
Birtwistle E. S., 148 N. J. R. R. av, Newark, N. J.
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
City Brass Foundry Co., 5318 St Clair av, Cleveland, O.
Conn. Metal & Chemical Co., East Berlin, Conn.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Harley Co., Springfield, Mass.
Ideal Bronze Co., 1265 E 55th, Cleveland, Ohio
Janney Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Lansenkamp F. H., Indianapolis, Ind.
Lester Co ("Arrow"), Fayetteville, N. Y.
Lukens Thos. F. Metal Co., 1105 Fairmont av, Phila., Pa.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Aluminum Co., Racine, Wis.
National Solder Co., 934 E 174th, New York
Reinhold Nofiux Aluminum Solder Co., 31 Clinton, Newark, N. J.
Richards & Company (Inc.), 192 Beverly, Boston, Mass.
Ruby Chemical Co., Columbus, O.
So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 Broadway, New York
Thwing Instrument Co., 3339 Lancaster av, Philadelphia, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., E Chicago, Ind.
Universal Fluxine Co. ("Acme"), Urbana, Ohio
WELD WIRE CO. ("Crown," 14,500 lbs. Tensile Strength by Govt. Test), 395 Christopher av, Brooklyn, N. Y.

13865— Solder (Band Saw)

Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.

13865a— Solder (Bar)

Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Conn. Metal & Chemical Co., East Berlin, Conn.
Eagle Smelting & Refining Wks., 233 B'way, New York
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
See adv index at end of book
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Lukens Thos. F. Metal Co., 1105 Fairmont av, Phila., Pa.
Michigan Smelting & Refining Co., Detroit, Mich. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
See adv index at end of book
Nassau Smelting & Refining Wks., 603 W 29th, New York
Richards & Co., 192 Beverly, Boston, Mass
Riverside Metal Refining Co., Connellsville, Pa.
U. S. Smelting Wks. (& Wire), 1615 Spring Garden, Phila., Pa.

13866—Solder (Brass Spelter)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

13867— Solder (Brazing)

Active Spinning & Sheet Metal Works, 56 W Kinzie, Chicago, Ill.
See adv index at end of book
Gardiner Metal Co., 1364 W. Lake, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Nassau Smelting & Refining Works, Ltd., 603 W 29th, New York
North American Smelting Co. ("Crescent"), 9th & Thompson, Phila., Pa.
Oldham New York Saw Works, Inc. (Silver), 112 26th, Brooklyn, N. Y.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Shimer, McGlynn & Co. ("Golden Rod"), 19th & Washington av, Phila., Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.
Wolff L. A. Metal Works, 1257 Harrison av, Cincinnati, Ohio

13868—Solder (Gold & Silver)

Benson H. K. & F. S. (Silver Only), Glen Ridge, N. J.
Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.
Hagstoz T. B. & Son, 709 Sansom, Phila., Pa.
Hough W. S. Jr. Co. (In Sheets & Wire), 61 Peck, Providence, R. I.
Jackson John J. Co., 158 Astor, Newark, N. J.
Linton & Co. (Sheet or Wire), 95 Pine, Providence, R. I.
Ney J. M. Co. (Silver Solder for Brazing, etc), Hartford, Conn.
Noble F. H. & Co., 559 W 59th, Chicago, Ill.
Platt Chas. S. Co. (Silver in Sheet, Wire or Field), 31 Gold, New York
United Wire & Supply Co. (in Wire & Sheets), Elmwood Station, Providence, R. I.
Wall A. T. Co., 162 Clifford, Providence, R. I.
Wildberg Bros. (Dental), Pacific bldg, San Francisco, Cal.
WILSON H. A. CO., 99 Chestnut, Newark, N. J.

13869—Solder (Plumbers', Tinners' Etc.)

See also Soldering Paste, Salts & Stick

American Casting & Mfg. Corp. (Wire), 30 Main, Brooklyn, N. Y.
American Lead Co. (Wire Triangle, etc), 3116 Penn av, Pittsburgh, Pa.
Atkinson Co., Rochester, N. Y.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Brady Brass Co., 170 14th, Jersey City, N. J.
Brooklyn Alloys Co., 17 Walton, Brooklyn, N. Y.
Bruce & Cook, 190 Water, New York
Butter Samuel & Co., 284 Franklin, Boston, Mass.
Canfield M. C. Sons Co., 93 Wilsey, Newark, N. J.
Central Smelting & Refining Co., Borden av & Hayward, Long Island City, N.Y.
Chadwick-Boston Lead Co. (Bar, Block, Wire, Plumbers', Tinman's & Came or Glaziers'), Boston, Mass.
Chicago Solder Co. (Solid Wire & Bar), 4201 Wrightwood av, Chicago, Ill.
Cleveland Alloys Co., Elm & Superior, Cleveland, O.
Conn. Metal & Chemical Co., East Berlin, Conn.
Crown Metal Co., 259 Washington, Milwaukee, Wis.
Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.
Delphos Mfg. Co., 1st & Pierce, Delphos, Ohio
Detroit Lead Pipe Works, Detroit, Mich.
Eagle Picher Lead Co. The, ("Eagle"), 308 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works (Wire Segment, Bar, Drop & Caffing Triangle, etc), 233 Broadway, New York
Empire Metal Co., Syracuse, N. Y.
Erie White Metal Co., Erie, Pa.
Finn John Metal Works, Seattle, Wash.
Fleck Bros. Co. (Plumbers'), 44 N 5th, Phila., Pa.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Graham Jas. & Co., New Haven, Conn.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Hungerford U. T. Brass & Copper Co. (Bar, Tri-Angular & Capping Wire & Segments), 80 Lafayette, New York
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Jacob Bros., Bridgeport, Conn.
Jacobson I. M. & Sons Co. (For All Purposes), 70 Catherine, Detroit, Mich.
Kahn Bros. ("Solder-Iron" Brand), 785 Humboldt, Brooklyn, N. Y.
Lang E. M. Co. ("Neverslip" Wire, Drop & Stick), Portland, Me.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Lehman Bros., Hoboken, N. J.
Lewis Jno. T. & Bros. Co., Lafayette bldg, Phila., Pa.
Linton & Co. (Sheet Brass), 95 Pine, Providence, R. I.
Lissberger Marks & Son, 281 Borden av, L. I. City, N. Y.
Los Angeles Smelting Co., 739 N Main, Los Angeles, Cal.
Lukens Thos. F. Metal Co., 1105 Fairmont av, Phila., Pa.
LUMEN BEARING CO., 300 Lathrop, Buffalo, N. Y. *See adv index at end of book*

SOLDER (PLUMBERS', TINNERS', ETC.) —continued

McDonald Jas. & Sons Co., Cincinnati, O.
Magnolia Metal Co., 113 Bank, New York
See adv index at end of book
Maryland Brass & Metal Wks., Calvert & Federal, Baltimore, Md.
Merchant & Evans (Bar, Tri-Angular & Capping, Wire & Segments), Washington av & 21st, Phila., Pa.
Metals Refining Co., Inc., Edison bldg, Chicago, Ill.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Millar Chas. & Son Co., Utica, N. Y.
More-Jones Brass & Metal Co. (Bar Wire & Triangular), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
National Copper Refining Co., 7003 Quincy, Cleveland, O.
National Lead Co. (Wire, Triangular, Drop & Bar Solder), 111 B'way, New York
National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co. (Tinners & Brazing), 9th & Thompson, Phila., Pa.
Northwestern Chemical Co., Marietta, O.
Northwestern Shot & Lead Works, 90 Fairfield av W, St. Paul, Minn.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Old Roman Solder Co., 202 E 46th, New York
Pacific Metal Works, 153 1st, San Francisco, Cal.
Pan-American Smelting Works, Calyer & Moultrie, Brooklyn, N. Y.
Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.
Peerless Alloy Co., Denver, Colo.
Pittsburgh Smelting & Refining Co., Elizabeth, & B. & O. R. R., Pittsburgh, Pa.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Raub Supply Co., Lancaster, Pa.
Raymond Lead Works (Wire, Triangular Bar Drops, etc.), 735 S Washtenaw av, Chicago, Ill.
Republic Metalware Co., Buffalo, N. Y.
Reynolds Gardner W., Meriden, Conn.
Richards & Company (Inc.) ("Richards"), 192 Beverly, Boston, Mass.
Riverside Metal Refining Co., Connellsville, Pa.
Rochester Lead Works, Rochester, N. Y.
Rogers Metal Works, Kansas City, Mo.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Selby Smelting Works (Wiping, Wire, Bar Strip, Drop, etc.), 201 1st, San Francisco, Cal.
Smith & McCrorken Inc., 65 Engert, Brooklyn, N. Y.
Staplin & Smith, 359 W Austin, Chicago, Ill.
Star Refining Co., 116 W First, Boston, Mass.
Syracuse Smelting Works ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
Tatham & Bros., 261 Water, New York
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.
Union Smelting & Refining Co. (Wire, Segment, Bar & Drop, Capping, Triangular, etc.), Newark, N. J.
Union Smelting & Refining Co., Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
United American Metals Corp., Syracuse Smelting Works, subsidiary ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
United Lead Co. (Bar Drop, Wire, Triangular, Pulverized Ribbons, Segment, Shot, Tape), 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
United States Reduction Co. (Bar, Wire & Triangular), E Chicago, Ind.
United States Smelting Works, 1615 Spring Garden, Philadelphia, Pa.
United Wire & Supply Co. (Gold & Silver), Elmwood Station, Providence, R. I.
Van Dyke Smelting & Refining Works, Inc., 94 Van Dyke, Bklyn, N. Y.
Wensley Metal Products Co., Denver, Colo.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (All Kinds), Wheeling, W. Va.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

13870— Solder (Rosin Core)

Belden Mfg. Co. ("Belden" for Switchboard & Telephone Connections), 2316 S Western av, Chicago, Ill.
Hess & Son ("Tinol"), 2910 N 16th, Phila., Pa.

13871—Solder (Self-Fluxing)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Chicago Solder Co. ("Kester" Acid & Rosincore), 4201 Wrightwood av, Chicago, Ill.
Emenar Co., 55 Liberty, New York
Hess & Son ("Tinol"), Watkins bldg, Phila., Pa.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
National Lead Co., 111 B'way, New York, & 10th & Howard, Detroit, Mich.
Solderall Co., 127 Sussex av, Newark, N. J.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), East Pittsburgh, Pa. *See adv index at end of book*

13871a—*Solder (Silver Brazing)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

13872— Soldering Apparatus for Rail Bonding

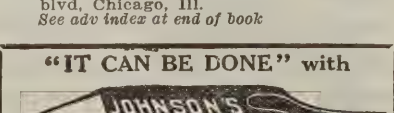
Smith of N. Y. Co., 1 Franklin sq, New York

13873— Soldering Coppers

Ayars Machine Co. (For Canning Factories, etc), Salem, N. J.
Beall Bros., Alton, Ill.
Clendenin Bros., cor Central av & Fawn, Baltimore, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Electric Materials Co., North East, Pa.
Emmelman Bros. Mfg. Co. (Gas), Indianapolis, Ind.
Eureka Co., North East, Pa.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
Isele A. W. Son, 51 Pitt, Boston, Mass.
Kaufman A. G. Mfg. Co. (Self-Heating), 210 5th av, New York
Lukens Thos. F. Metal Co., 1105 Fairmont av, Phila., Pa.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
Peck, Stow & Wilcox Co., Southington, Conn.
Taunton-New Bedford Copper Co., Taunton, Mass.

13874—Soldering Flux, Paste, Salts & Stick

Allen L. B. Co. ("Allen," "Presto-Soder"),
Atlantic Importing Co., Providence, R. I.
Baltimore Chemical Co. ("Perfection" Concentrated Liquid Flux), 1901 Park av, Baltimore, Md.
Belden Mfg. Co. (Stick Paste & Salt), 2316 S Western av, Chicago, Ill.
Benson A. R. Co. (Yager's Salts), Hudson, N. Y.
Blake Signal & Mfg. Co. (Flux & Paste), 251 Causeway, Boston, Mass.
Blue Seal Chemical Co., 424 Broome, New York
Brunner Chemical Works ("Queen" Flux), 217 E 3d, Cincinnati, Ohio
Burnley Battery & Mfg. Co. ("Diamond," Stick & Paste), North East, Pa.
Callahan Geo. & Co. (Flux), 218 Front New York
Central Stamping Co. ("Solderine" Salts), 174 Fulton, New York
Chase-Shawmut Co. ("Red E"), Newburyport, Mass.
Chemical Products Co., 30 Charles River rd, Boston, Mass.
Chicago Solder Co. ("Kester"), 4201 Wrightwood av, Chicago, Ill.
CORLISS MFG. & SUPPLY CO. ("C. C. C.," **Paste & Salts), 1906 Olive, St. Louis, Mo.**
Dielectric Mfg. Co. (Stick, Paste & Salts), 224 S Vandeventer av, St. Louis, Mo.
Dow Chemical Co. (Flux), Midland, Mich.
Dunton M. W. Co. ("Nokorode" Paste & Salts), 150 Niagara, Providence, R. I.
Emenar Co., 55 Liberty, New York
Frazer Lubricator Co. ("Frazeried" Paste), 3921 Normal av, Chicago, Ill.
Garden City Laboratory **("Anchor" Brand** Non-Acid Flux), 2455 Archer av, Chicago, Ill.
Grasselli Chemical Co. ("Eureka" Flux, "Standard" Flux, "Snowflake" Soldering Salts), Guardian bldg, Cleveland, O.
Hartwig Wm. J. Co. ("New Idea"), 205 E Jefferson, Detroit, Mich.
Hartwig Wm. J. Co. ("New Idea"), Detroit, Mich.
Hess & Son, 2910 N 16th, Phila., Pa.
Highland Electro Chemical Mfg. Co. (Insulating Soldering Paste), Connellsville, Pa.
Johnson Mfg. Co., 729 W Washington, blvd, Chicago, Ill.
See adv index at end of book

"IT CAN BE DONE" with


Send for sample to prove it.
JOHNSON MFG. CO. (not Inc.)
729 West Washington Blvd. Chicago, Ill.

Keystone Specialty Co., Scranton, Pa.
Leveridge C. W. ("Yankee Salts"), 133 Liberty, New York
Lukens Thos. F. Metal Co. ("Superfine"), 1105 Fairmont av, Phila., Pa.
McGILL MFG. CO. ("Star," Stick & Paste, "Crescent" Flux, Fluid, Salts, Sticks & Paste), 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Manhattan Electrical Supply Co. ("Excelsior"), 17 Park pl, New York
See adv index at end of book
Merrimac Chemical Co. (Solutions), 148 State, Boston, Mass.
National Lead Co. ("Excelsior" Flux), 111 B'way, New York
Northwestern Chemical Co. (Norwesco), Marietta, Ohio
Poole, James W., 16 Columbia, Boston, Mass.
Reade Mfg. Co. ("Incomparable," Fluid & Tinning Solution," "Readina" Solution, "Readeana" Paste), Hoboken, N. J.
Rotax Co. ("Rotax" Paste Salts), 38 E 133rd, New York
Ruby Chemical Co. ("Ruby," Fluid), Columbus, O.
Sandoval Zinc Co. (Flux, Salts, etc.), 410 N Peoria, Chicago, Ill.
Schneider Emil (Salts), 298 South, Newark, N. J.
Seldner & Enequist (Soldering Fluid & Tinning Flux), 86 Housman, Brooklyn, N. Y.
Sieffert Elec. Co., Evansville, Ind.
Solderall Co. ("Peerless" Paste), 126 Sussex av, Newark, N. J.
Swan & Finch Co. ("Fluxite"), 165 Broadway, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Universal Fluxine Co. ("Universal," Fluid), Urbana, O.
Walsh J. E. Co., Pittsfield, Mass.
Weaver Specialty Co. ("Oakwood" Paste, Salts & Liquid), 6344 Aurelia, Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), East Pittsburgh, Pa.
See adv index at end of book

13875—Soldering Frames & Cylinders

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Leffler Chas. & Co. (For Can Makers), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book

13876— Soldering Iron & Blow Torch Combined (Benzine)

Globe Gas Light Co. ("Picolo"), 25 Union, Boston, Mass.
Hess & Son, 2910 N 16th, Phila., Pa.

13877— Soldering Iron & Blow Torch Combined (Gasoline)

BEACH-RUSS CO. (Gas Blast), 50G Church, New York
See adv index at end of book
Bernz Otto, 17-37 Ashland, W. Newark, N. J.
Dobbins Mfg. Co. ("Tinners' Friend"), 127 S 1st, Minneapolis, Minn.
Emmelman Bros. Mfg. Co. ("Emmelman"), Indianapolis, Ind.
Globe Gas Light Co. ("Neuachat"), 25 Union, Boston, Mass.
Hess & Son, 2910 N 16th, Phila., Pa.

13878—Soldering Irons (Alcohol)

Glogau & Co., Great Lakes bldg, Chicago, Ill.

13879—Soldering Irons (Electric)

American Electrical Heater Co., Burroughs & Woodward, Detroit, Mich.
Chambers Bering Quinlan Co., Decatur, Ill.
Clemens Elec'l Corp., 725 Main, Buffalo, N. Y.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dover Mfg. Co., Dover, Ohio
Edison Electric Appliance Co., Inc., 566 W Taylor, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Langguth-Olson Co., 120 Liberty, New York
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
Pennsylvania Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv index at end of book
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Vulcan Electric Heating Co. ("Vulcan"), **107 W 13th, New York**
Waage Electric Co., 12 S Jefferson, Chicago, Ill.

13880—Soldering Irons (Self Heating)

AMS MAX MACHINE CO. (For Canners, etc.), 101 Park av, New York
BEACH-RUSS CO., 50G Church, New York
See adv index at end of book
Decker Mfg. Co., 251 Elm, Newark, N. J.

13881— Soldering Sets

Arcade Mfg. Co., Freeport, Ill.
Barrett W. L. ("Handy," "Leader"), Bristol, Conn.
Dunton M. W. Co. ("Nokorode Solderkit"), 150 Niagara, Providence, R. I.
Millers Falls Co. ("Gem"), 28 Warren, New York
Peck, Snow & Wilcox Co., Southington, Conn.
Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.
Williams Chas. & Co., Bigelow, N. Y.
Winn Wm. R. (Non-Corrosive), 488 Cherry, New York

13881a— Sole Leather

Alexander Bros., 3rd & Callowhill, Phila., Pa.
Armstrong Tanning Co., Hart & Charlevoix, Detroit, Mich.
Central Leather Co., 17 Battery pl, New York
England, Walton & Co., Dept. H, 3rd & Vine, Phila., Pa.
Ladew Jones Co. (Oak), 105 South, Boston, Mass.
Salger Cut Sole Co., 235 Congress, Boston, Mass.

13882— Solenoids

Acme Wire Co., New Haven, Conn.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Doyle-Dacosta Mfg. Co., Easton, Pa.
Eby H. H. Mfg. Co., 1302 Wallace, Phila., Pa. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

13883— Soles (Rubber)

Archer Strauss Rubber Co., Framingham, Mass.
Atlantic Mfg. Co. ("Rubbestos"), Wilmington, Del.
Essex Rubber Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Republic Rubber Corp., Dept. H, Youngstown, Ohio
Rubber Products Co., Barberton, Ohio

13884—Solutions (Ferric Chloride)

Dow Chemical Co. (U. S. P. & Neutral), Midland, Mich.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

13884a—Solutions (Soluble Cotton)

HERCULES POWDER CO.
Wilmington, Del.

13884b—Solvent Recovery Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
LUMMUS, WALTER E. CO., 171 Milk, Boston, Mass.

13885— Solvent Thinners

Alcohol Products Co., Blanchard, Newark, N. J.

13885a—Solvents (Acetone & Ketones)

American Wood Preserving Co., 1351 N Branch, Chicago, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

Soot Blowers & Suckers (Boiler Flue or Tube)

See Cleaners, Boiler Flue or Tube; Soot Blowers & Suckers

13886—Sorters (Bean & Pea)

Bacon Mfg. Co. (Bean), Pontiac, Mich.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.

13887— Sorters (Potato)

American Bell & Foundry Co. (Fruit & Potato Sorter), Northville, Mich.
Aspinwall Mfg. Co., Jackson, Mich.
Champion Potato Machine Co., Hammond, Ind.
Dowden Mfg. Co. (Ltd.), Prairie City, Ia.
Hench & Drumgold Co. (Peach & Potato Sorter), York, Pa.
Hoover Mfg. Co., Avery, O.
Pease F. B. Co. (Sorter & Graders), Roch-

13887a—Sound Proofing Materials

See also Felts Deadening

Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
Mazer Acoustile Co. ("Acoustile"), 1209 Arch, Phila., Pa.
Northern Insulating Co. ("Flaxlinum," "Flaxlinum Keyboards" for Walls), St. Paul, Minn.

13888—Sounding Lines (Deep Sea)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

13889—Sowers (Hand Seed)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
Ames Plow Co., Quincy, Hall, Boston, Mass.
Cyclone Seeder Co., Urbana, Ind.
Everett J. A. (Broadcast), Indianapolis, Ind.
Goodell Co. ("Cahoon"), Antrim, N. H.
Humphrey & Sons (Broadcast), Joliet, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Seeder Mfg. Co., Homer, Mich.

13890— Sowers (Plaster)

Foster & Williams Mfg. Co., Racine, Wis.
Ontario Drill Co., East Rochester, N. Y.

13891—Sowers & Drills (Hand Seed Garden)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bacon Mfg. Co. (Seed Drills), Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Everett J. A., Indianapolis, Ind.

13892—Sowers & Drills (Lime & Fertilizer)

Thomas Mfg. Co. ("Thomas"), Springfield, O.

Sowers & Seeders

See Seeders & Sowers

13893— Spacers

Detroit Stamping Co., 3445H W Fort, Detroit, Mich.
Steel & Iron Products Co. (Rod & Bar "Steel Ribbon"), 1911 Emerson av, Chicago, Ill.

13893a—Spacers (Button & Button-Hole)

Firsching John A., Utica, N. Y.

13893b— Spacers (Tie)

Madden Co., Railway Exch. bldg, Chicago, Ill.
Reading Specialties Co., Reading, Pa.
Spencer Otis Co., 80 E. Jackson blvd, Chicago, Ill.

Spade Mfrs.

See Shovel, Spade & Scoop Manufacturers

13894— Spades (Barking)

Romer Axe Co. ("Romer," Cedar Barking), Dunkirk, N. Y.

13895— Spades (Concrete)

Conneaut Shovel Co. ("Bannister's"), Conneaut, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
WOOD SHOVEL & TOOL CO. THE, Piqua, O. *See adv index at end of book*

Spades (Drain & Ditching)

See Shovels & Spades, Drain & Tiling

13896— Spades (Garden)

See also Shovel, Spade & Scoop Manufacturers
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co. ("Maryland"), New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Ohio Shovel & Stamping Co., Dover, O.
Western Steel & Iron Works, De Pere, Wis.
Wood Shovel & Tool Co. The, Piqua, O.
See adv index at end of book

Spades (Tiling)

See Shovels & Spades, Drain & Tiling

13897— Spades (Wooden)

Bogert & Hopper, Inc. (Butter), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons (Butter, etc.), 364 5th av, New York
See adv index at end of book

13898— Spads (Miners')

Howells Mining Drill Co., Plymouth, Pa.
Muirhead John & Son, Pittston, Pa.
Smith-Courtney Co. ("Coltay"), Richmond, Va.

Span Wire Forks

See Forks, Rising

13899— Spanners (Plug)

Williams J. H. & Co. ("Falcon" Drop-Forged Waste), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Spars

See Masts & Spars

13900— Speaking Tubes

Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Cowles C. & Co. (Automobile & Electric Megaphone), New Haven, Conn.
Dieckmann F. Co., 482 Harrison av, Cincinnati,, Ohio
Ivins Elwood Tube Works ("Seamless"), Oak Lane Station, Philadelphia, Pa.
Keil Frances & Son ("Reliance"), 401 E 163d, New York
Lamb & Ritchie Co. (Tin, etc), Cambridge, Mass.
McWade Wm. J. (Combination Tube Phone & Mail Box), 3140 S Canal, Chicago, Ill.
Manhattan Electrical Supply Co. (and Supplies), 17 Park pl, New York
See adv index at end of book
Ostrander W. R. & Co., 371 B'way, New York
Poole Jas. W., 16 Columbia, Boston, Mass.
Titeflex Metal Hose Corp. (Voice Tubing), Badger av & Runyon, Newark, N. J.
Van Wagoner-Linn Construction Co., 1133 B'way, New York
Walsh, Owen Mfg. Co., 525 W 26th, New York
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.

13901— Spears (Casing)

Luther Mfg. Co., Olean, N. Y.

13902— Spears (Fish)

Arcade Mfg. Co., Freeport, Ill.
Bonafide Mfg. Co. ("Original," "St. Clair," also Frog), Plymouth, Mich.
Collins Co., Collinsville, Conn.

13902a— Spears (Flag)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13903—Spears (Oil Well Casing)

ASSOCIATED WELL SUPPLY CO. INC., 111 Broad, New York
See adv index at end of book
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Masseth Packer & Machine Co. (Trip & Bull Dog), Butler, Pa.

13903a— Special Brass Parts

Acme Novelty Co., 430 N Oakley av, Chicago, Ill.
BELL CO. (THE), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*

13904—Special Mill Work (Interior & Exterior Finish)

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Darr J. M. & Sons Planing Mill Co., 131 Kentucky av, St. Louis, Mo.

13904a—Specialties (Advertising)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

Specialties (Educational)

See Blocks A. B. C.

13904b—Specialties (Electrical, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Carrom Co., Ludington, Mich.
Estes E. B. & Sons, 364 5th av, N. Y.
See adv index at end of book
National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.

13905-6—*Specialties (Manicure, School & Toy)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, N. Y. *See adv index at end of book*

13907— Spectrometers

Bausch & Lomb Optical Co., Rochester, N. Y.
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.

13908— Spectroscopes & Polariscopes

Braun-Knecht & Heimann Co. (& Accessories), 576-584 Mission, Los Angeles, Cal.
Elmer & Amend ("Hilger," "B. & L."), 205 3d av, New York
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Heil Henry Chemical Co., St. Louis, Mo.
Sargent E. H. & Co. ("Bates"), 155 N Superior, Chicago, Ill.

13909— Speedometers

American Speed Indicator Co. ("Kenney" Marine), New London, Conn.
Corbin Screw Corp. ("Corbin-Brown"), New Britain, Conn.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Elec. Tachometer Corp. ("Tetco"), 310 North 11th, Phila., Pa.
Hamilton Corp. ("Multometer"), Lancaster, Pa.
Johns-Manville Inc. ("Johns-Manville"), Madison av & 41st, New York
Jones Speedometer Co., 590 Jackson av, Brooklyn, N. Y.
Lawrence Geo. E. ("Kenney" Marine), Bullitt bldg, Philadelphia, Pa.
Motors Appliance Co. (Benson Signal), East Moline, Ill.
Nelson Instrument Co. ("Reliance"), Elkins, Boston, Mass.
Standard Thermometer Co. ("Standard"), 65 Shirley, Boston, Mass.
Stewart-Warner Speedometer Corp. ("Warner," "Stewart"), 1826 Diversey Parkway, Chicago, Ill.
Troy Carriage Sun Shade Co., Troy, O.
Van Sicklen Co., Elgin, Ill.

Speed Reduction Transmission

See Variable Speed Transmission

13910— Spelter

See also Smelters of Spelter; also Smelters & Refiners)
American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
American Spelter Corp., 61 B'way, New York
American Zinc, Lead & Smelting Co. ("Mascot," "American," "Granby"), 120 B'way, New York
Arkansas Zinc & Smelting Corp., Van Buren, Ark.
Bartlesville Zinc Co., 120 B'way, New York
Blatchford E. W. Co. 230 N Clinton, Chicago Ill.
Brooklyn Alloys Co., 17 Walton, B'klyn, N. Y.
Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Eastern Zinc Refining Co., 255 Russell, Brooklyn, N. Y.
Edgar Zinc Co., Boatman's Bank bldg, St. Louis, Mo.
Fort Smith Spelter Co., Greencastle, Ind.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hayman Michael & Co., Buffalo, N. Y.
Hegeler Zinc Co., Danville Ill.
Henning V. & Son 330 Belmont av, Brooklyn, N. Y.
Henryetta Spelter Co., Henryetta, Okla.
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Humphreys E. C. Co. (Prime Western), 624 Penobscot, Detroit, Mich.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Illinois Zinc Co., Peru, Ill.
International Minerals & Metals Corp., 61H Broadway, New York
Jacobson I. M. & Sons Co., 70 Catharine, Detroit, Mich.
Kahn Bros. ("Star" Brand), 785 Humboldt, Brooklyn, N. Y.
Kessler, Joseph G. & Co., 65 Ingraham, Brooklyn, N. Y.
KRAMER H. & CO., Loomis & 21st pl, Chicago, Ill.
Lissberger, Marks & Son, 231 Borden av, L. I. City, N. Y.
London & Sack, 259 Front, New York
McInnes, Charles E. & Co., Mariners & Merchants bldg, Phila., Pa.
McLaughlin's Sons Co., 230 N 12th, Brooklyn, N. Y.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Merchant & Evans Co., Washington av, & 21st, Phila., Pa.
See adv index at end of book
1695 Jos. Campau, Detroit, Mich.
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
Murphy Metals Co., 827 S La Salle, Chicago, Ill.
Nassau Smelting & Refining Works, 603 W 29th, New York
National Copper Refining Co., 7003 Quincy, Cleveland, Ohio
National Zinc Co., 61 B'way, New York.
New Jersey Zinc Co. ("Horsehead," "Bertha," "Franklin," "Prime Western," Nassau Slab Zinc), 160 Front, New York
O'Conner J. J. Co. (Dealers), 1st Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Raymond Lead Works, 735 S Washtenaw av, Chicago, Ill.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Trench C. S. & Co., 81 Fulton, New York
Trotter Nathan & Co. (Slab), 36 N Front, Phila., Pa.
Union Smelting & Refining Co., St. Charles, Newark, N. J.
Union Smelting & Refining Co. Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
United States Reduction Co., Chicago, Ind.
United Zinc Smelting Corp., 99 John, New York
Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co. (Imp), 42 B'way, New York
Vulcan Louisville Smelting Co. ("Vulcan"), 208 S La Salle, Chicago, Ill.
Wolff L. A. Metal Works, 1257 Harrison av, Cincinnati, Ohio
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

13910a— *Spelter Pigs

Brooklyn Alloys Co., 17 Walton, Bklyn, N. Y.

13911-2-3— Spermacetti

National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Robinson W. A. & Co., New Bedford, Mass.
Smith & Nichols (Jobbers), 121 Maiden la, New York

Sperm Oils

See Oils, Sperm & Whale

13914— Spiders

Bowman Geo. H. Co. ("Swissalu" Aluminum), 224 Euclid av, Cleveland, O.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Favorite Stove & Range Co. (& Skillets), Piqua, Ohio
Lucey Manufacturing Corp. (Liners & Slip), 233 B'way, New York
For branch offices see Alphabetical Section
Wagner Mfg. Co. ("Wagner Ware," Cast Aluminum), Sidney, O.

13915— Spiegel Silicon

Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

13916— Spiegeleisen

Bond, Vivian & Co. (Imp.), 68 Beaver, New York
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Crocker Bros. (German), 21 E. 40th, New York
Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.
Marshall, F. W. & Co., Pennsylvania bldg, Phila., Pa..
National Sales & Trading Co., Cleveland, O.
New Jersey Zinc Co. (From Zinc Oxide Residues), 160 Front, New York
Rogers, Brown & Co., 77 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Seaboard Steel & Manganese Corp., 50 E. 42nd, New York
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

13916a— Spigots

See also Pegs, Wood

Estes, E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

13916b— Spike Mfrs.

COLONIAL SUPPLY CO. (Also Nails), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Foster Mfg. & Supply Co. (all kinds), 20th & Venango, Phila., Pa.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
LARKIN J. K. & CO. (All Kinds), 253 Broadway, New York
See adv index at end of book
Sweets Steel Co., Williamsport, Pa.
See adv index at end of book

13916c— Spikes (Boat)

See also Spikes, Ship, Dock & Bridge

Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Lebanon Iron Co., Dept. H, Lebanon, Pa.
St. Louis Screw Co. (Black & Galvanized), Clarence & Bulwer avs, St. Louis, Mo.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

13917—Spikes (Boat, Composition)

Fisher C. W., 52H Broadway, New York
Taunton-New Bedford Copper Co., Taunton, Mass

Spikes (Bridge)

See Spikes, Ship, Dock & Bridge

13918— Spikes (Copper)

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.

13918a— Spikes (Crossing)

Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*

13919— Spikes (Cut)

Bethlehem Steel Co., So. Bethlehem, Pa.
Brooke E. & G. Iron Co., Birdsboro, Pa.
Fisher C. W., 52H Broadway, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Nail Co., 826 Dix, Chicago, Ill.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co. (For Various Purposes), 253 Broadway, New York
See adv index at end of book
Malleable Iron Fittings Co. (Zinc Coated Iron), ("M. I. F. Co."), Branford, Conn.
Norton Iron Works, Ashland, Ky.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Tredeger Co., ft. of 5th, Richmond, Va.
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co., Northumberland, Pa.

13919a— Spikes (Dock)

See also Spikes, Ship, Dock & Bridge

Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
LARKIN J. K. & CO. (& Wharf), 253 Broadway, New York
See adv index at end of book

13919b—Spikes (Galvanized)

Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*
Fisher C. W., 52H Broadway, New York
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*

13919c— Spikes (Guard)

Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*
Fisher C. W., 52H Broadway, New York

13920—Spikes (Hand Made)

Fisher C. W., 52H Broadway, New York
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Ulmer Theo. C., Richmond & E Col., Philadelphia, Pa.

13921— Spikes (Marline)

Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

13922—Spikes (Railroad Track)

Am. Spike Co., Inc., 55 Liberty, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*
Atlantic Steel Co., Atlanta, Ga.
Bethlehem Steel Co., So. Bethlehem, Pa.

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co., Denver, Colo.
Davis Bros., N 29th & Bristol, Phila., Pa.
Dilworth, Porter & Co., Ltd. ("Goldie"), 4th & Bingham, Pittsburgh, Pa.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Steel Co. (Chisel Pointed and Screw Spikes), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Steel), First Nat'l bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Lebanon Iron Co., Dept. H, Lebanon, Pa.
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Oliver Iron & Steel Co. (Screw), S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. (Jobbers), 30th & Liberty av, Pittsburgh, Pa.
Pottsville Bolt Co., Pittsburgh, Pa.
REPUBLIC IRON & STEEL CO., Youngstown, O.
See Branch Offices Alphabetical Section
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d. Pittsburgh. Pa.
SWEET'S STEEL CO., Williamsport, Pa.
See adv index at end of book
Sylvester Co., 141 Milk. Boston. Mass.
Tredegar Co., ft. of 5th, Richmond, Va.

13923— Spikes (Rubber)

U. S. Rubber Co., 1790 Broadway, New York

13924— Spikes (Screw)

Bethlehem Steel Co., So. Bethlehem, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Illinois Steel Co. (Track), 208 S La Salle, Chicago, Ill
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

13924a— *Spikes (Shimming)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ames W. & Co., Woodward, Jersey City, **N. J.** *See adv index at end of book*

13925— Spikes (Ship, Dock & Bridge)

AMERICAN STEEL & WIRE CO. (Square Boat), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ames W. & Co., Woodward, Jersey City, N. J. *See adv index at end of book*

SPIKES

Track, Boat and Dock, Black and Galvanized

W. AMES & CO.

Estab. 1859. ***Factory and Office,***
Woodward Street, JERSEY CITY, N. J.

Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Bethlehem Steel Co., So. Bethlehem, Pa.
Cambria Steel Co. (6 to 26 inches), Widener bldg, Philadelphia, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Davis Bros., 29th & Bristol, Phila., Pa.
Dilworth, Porter & Co., Ltd. (Steel), 4th & Bingham, Pittsburgh, Pa.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Philadelphia, Pa.
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harry L. C. Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
La Belle Iron Works, Steubenville, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Norton Iron Works, Ashland, Ky.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Schaper Construction Material Co., 90 West, New York
Scott, Sugden & Lamont (Hot Gal. & Black), Monadnock bldg, San Francisco, Cal.
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Sylvester Co., 141 Milk, Boston, Mass.
Tredegar Co., ft. of 5th, Richmond, Va.
Tremont Nail Co., West Wareham, Mass.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

Spikes (Track)

See Spikes, Railroad Track

Spikes (Wharf)

See Spikes, Ship, Dock & Bridge

13926— Spikes (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Efficiency Electric Co., E Palestine, Ohio
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kelly Nail & Iron Co., Ironton, O.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Wickwire Spencer Steel Corp., Buffalo, N. Y. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

13927— *Spikes (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13927a— Spindles (Carriage)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co. (Also Wagon Seat), South Bend, Ind.
See adv index at end of book

13928— Spindles (Clamp)

GEM MFG. CO. ("Gem," for Holding Buffing & Polishing Wheels, etc), Goebel nr Fulton, N. S, Pittsburgh, Pa.
See adv index at end of book
Stow Mfg. Co. Inc., Binghamton, N. Y.
See adv index at end of book

13929—Spindles (Drill & Lathe)

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Cruse-Crawford Mfg. Co., 2101H Ave B, Birmingham, Ala.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
National Forge & Tool Co., Erie, Pa.
National Forge & Tool Co., Irvine, Pa.
The Hammond Steel Co., Inc., Solvay, N. Y.
Titusville Forge Co., Titusville, Pa.

13929a—Spindles (Furniture)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13930—Spindles (Machine Tool)

AMERICAN HOLLOW BORING CO., 1055 W 19th, Erie, Pa.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Hammond Steel Co., Solvay, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Leard Wm. Co., 16th & 5th av, New Brighton, Pa.
Machinery Forging Co., Hamilton av & Marquette, Cleveland, O.
Ohio Forge Co. (Forged), Cleveland, O.
Pennsylvania Forge Co., Jenks & Bath, **Philadelphia, Pa.**
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

13930a—Spindles (Screen Door)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13931— Spindles (Wood)

Bogert & Hooper, Inc. (Carriage Furniture & Turned & Twisted Wood, etc.), 57 Barclay, New York
See adv index at end of book
Dann Bros. & Co., New Haven, Conn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Established 1847 **E. B. Estes & Sons**

Manufacturers of

WOODEN SPINDLES

For Furniture, Screen Doors, Toy Work, Carriages, Knobs Pet-ells, Dowel Rods, Automatic Lathe Work a Specialty.

364-5th Ave. **New York City**

Frary Mfg Co., Charlemont, Mass.
Rowe Henry Mfg. Co., Newaygo, Mich.
Stevenson Mfg. Co. (Turned & Twisted, for Furniture, Carriages, etc.), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13932— Spinning (Metal)

Active Spinning & Sheet Metal Works, 56 W Kinzie, Chicago, Ill.
See adv index at end of book

Active Spinning & Sheet Metal Works
Not Inc.
SHEET METAL SPECIALTIES
Spinning - Tinsmithing - Brazing Polishing
Mfrs. of Scientific Apparatus
56 West Kinzie Street, CHICAGO

American Metal Ware Co., 368 W Huron, Chicago, Ill.
Badger E. B. & Sons Co., 75 A Pitts, Boston, Mass. *See adv index at end of book*
Barlow Co., Holyoke, Mass.
Bassemir John & Son, 87 Frankfort, New York
Blickman Isidor, 479 First av, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Brass Fixtures Co., Southington, Conn.
Consolidated Mfg. Co., Dayton, O.
Crescent Brass Products Co., 8410H Lake av, Cleveland, Ohio
DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass. *See adv index at end of book*
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), ft. Orleans, Detroit, Mich.
Eberhard Geo., 9 Calender, Providence, R. I.
Faber S. W., 147 S 5th, Brooklyn, N. Y.
Flint Elec. & Mfg. Co., Denver, Colo.
Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.
Friedley-Voshardt Co. (Inc.) (Brass & Copper), 733 S Halsted, Chicago, Ill.
Gerstein Bros. & Cooper, 3 W 3d, So. Boston, Mass.
GEUDER, PAESCHKE & FREY CO. (In All Metals), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Giese Mfg. Co. (German Silver, Copper, Brass & Steel), 260 S 5th, Phila., Pa.
Glaser A., 61 Frankfort, New York
Hergert Theo. E., 422 E 53d, New York
Howard Jas. L. & Co., Hartford, Conn.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill. *See adv index at end of book*
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Klause Chas., 460 N 12th, Phila., Pa.
Knapp Mfg. Co., 48 Warren, New York
La Haye Mfg. Co., 293 11th, San Francisco, Cal.
Magosy & Buscher, 118 Walker, New York
Metal Crafters (The), East Stroudsburg, Pa.

SPINNING (METAL)—continued
Miller & Doing, 60 York, Brooklyn, N. Y.
National Metal Spinning & Stamping Co., 176-180 Grand, New York
Naugatuck Mfg. Co., Naugatuck, Conn.
North Star Spinning & Mfg. Co., St. Paul, Minn.
Partenheimer Otto, 2 Howard, New York
Phila. Metal Stamping Co., 107H Erie, Camden, N. J.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Pittsburgh Metal Spinning & Stamping Co., 821H Locust, Pitsburgh, Pa.
Pritchard Stamping Co., Rochester, N. Y.
Providence Metal Spinning Co., 185 Eddy, Providence, R. I.
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Riverside Metal Co., Riverside, N. J.
Salch Bros., 239 Centre, New York
Scovil Mfg. Co. (Brass & Bronze), Waterbury, Conn. *See adv index at end of book*
Scrannage Bros., 77 Travers, Boston, Mass.
Skidd Chas. Mfg. Co., Kenosha, Wis.
Smith of N. Y. Co., 1 Franklin sq, New York
Standard Metal Spinning Co., 138 Mott, New York
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
WEBER BROS. METAL WORKS, 108 N Jefferson, Chicago, Ill.
Weimer C. A., Lorain, O.

13933—Spirals for Concrete Columns

Alvey Mfg. Co. (Roller), 3201H S Broadway, St. Louis, Mo.
American System of Reinforcing ("Unit"), 10 S La Salle, Chicago, Ill.
Concrete Steel Co., 42 Broadway, New York
KALMAN PAUL J. CO., INC. (Concrete Reinforced), 22 W Monroe, Chicago, Ill.
Reinforced Concrete Co., St. Louis, Mo.
Republic Structural Iron Works Co., 1350 E. 53d, Cleveland, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York

13934— Spirits (Cologne)

American Distributing Co., 27 William, New York
American Spirits Mfg. Co., 27 William, New York
Jefferson Distilling & Denaturing Co., Harvey, La.
Standard Distilling & Distributing Co., 27 William, New York
United States Industrial Alcohol Co., 27 William, New York

13935— Spirits (Wood)

See also Alcohol, Wood

Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York & Fargo, Ga.
Peninsular Naval Stores Co., Jacksonville, Fla.

13936— Spittoons (Railway)

Indiana Hollow Ware Co. ("Inter-Urban," for Street & Ry cars, with Adjustable Fastened Cover), Jeffersonville, Ind.

13937—Spittoons (Steel Factory)

See also Cuspidors

Cleveland Blow Pipe & Mfg. Co. (Wash Sinks), 6950 Kinsman rd, Cleveland, O.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

13938— Splicers (Cable)

American Mine Door Co., Canton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Leschen A. & Sons Rope Co. (For Wire Cables), 920 N 1st, St. Louis, Mo.

13939—Splicers (Register, Bell & Trolley Cord)

Wood Chas. N. Co. ("C. N. W."), 14 Federal, Boston, Mass.

13940— Splicers (Wire)

American Mine Door Co., Canton, O.
Electric Railway Equip't Co. ("Clark" & "K. I." Trolley), Cincinnati, Ohio
Ohio Brass Co. ("O. B." Trolley Wire), Mansfield, O. *See adv index at end of book*
Standard Railway Supply Co., 4229 Fergus, Cincinnati,, Ohio
Wagner Mfg. Co. ("Little Giant"), Cedar Falls, Ia.

13941—Splicers (Wire Fence)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

13941a—*Splints (Match & Kindergarten)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13942— Splints (Surgeons')

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13942a—*Splints (Wire Gauze)

Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass. *See adv index at end of book*

13943— Splitters (Nut)

Carolus Mfg. Co., Sterling, Ill.
Whisler John ("Whisler"), Gibson, Ia.

13944—Spokes (Motor Cycle & Bicycle)

Torrington Co., The Standard Plant ("Diamond E."), Torrington, Conn.

13944a—Spokes (Wagon & Carriage Wheel)

Allen J. W., Scottsville, Ky.
Arkins Bros., Attoway, Va.
Armstrong Wm. H., South Coventry, Conn.
Avoca Wheel Co. (Hickory), Avoca, N. Y.
Bailey C. & Co., Elimsport, Pa.
Baldwin Bros. (Wagon), Ironton, Mo.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gay, Baltimore, Md.
Beveridge & Taylor, Inc. (Wagon Only), Bristol, Tenn.
Bimel-Ashcroft Mfg. Co., Dermott, Ark.
Bimel-Ashcroft Mfg. Co., Poplar Bluff, Mo.
Bimel Spoke & Auto Wheel Co., Portland, Ind.
Bookwalter Wheel Co., Miamisburg, O.
Breece Mfg. Co., Portsmouth, O.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buckley John, Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Buffington Wheel Co., Burlington, Ia.
Burroughs-Ross-Colville Co., McMinnville, Tenn.
Byrn J. W., Brownsville, Tenn.
Campbell M. R., Tullahoma, Tenn.
Cheney Bros. (Carriage), Jamaica, Vt.
Clark-Gay Mfg. Co., Little Rock, Ark.
Cone Jos. D., North Vernon, Ind.
Crane & MacMahon, 10 Bridge, New York
Doles Edwin E., Greensburg, Ind.
Donges John & Co., Hamilton, O.
Dresden Spoke Co., Dresden, Tenn.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Farmville Mfg. Co., Farmville, Va.
Fulton Conway & Co., Louisville, Ky.
Galloway-Kennedy Co., Clarendon, Ark.
Garrett Wm., Canandaigua, N. Y.
Gladding C. B., Geneva, O.
Graham Thos. & Co., Madison, Ind.
Hart Lumber & Mfg. Co., Inc., Martinsville, Va.
Hickson-Rogers Mfg. Co., Paragould, Ark.
Hinkel J. K. Mfg. Co. (Hickory), Mechanicsburg, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bro. & Darlington (Inc.), West Chester, Pa.
Hoyt John Co., Delaware, N. J.
Hub Mfg. Co., Jonesboro, Ark.
I. X. L. Handle Mfg. Co., Dexter, Mo.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Kelsey Horatio, Clinton, Conn.
Kerr L. S. D., Frenchtown, N. J.
Kingston Spoke Mfg. Co., Kingston, Ark.
Koller J. B. & Co., Mechanicsburg, Pa.
Lack Singletree Co., Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Landis S. H. & Bro., Quakertown, Pa.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Liles Bros., Forest, Miss.
Lindsay D. M., Newport, Tenn.
Little J. W., Paducah, Ky.
Little Kos., Kennett, Mo.
Longworth I. R. Co., Somerset, Ky.
Look & Lincoln, Marion, Va.
McGlone Bros., Morehead, Ky.
MacKinnon F. Mfg. Co. (Birch), Grand Rapids, Wis.
Manchester Mfg. Co., Manchester, Tenn.
Marianna Spoke Co., Marianna, Ark.
Medina Bending Works, Medina, O.
Minton T. W. & Son, Barbourville, Ky.
Ness Bros. & Co., York, Pa.
Ohio Spoke & Bending Co., Botkins, O.
Ort & Lang (Hickory), Vanceburg, Ky.
Pennock-Walter Mfg. Co., Algood, Tenn.
Petersburg Rim & Veneer Co., Petersburg, Va.
Peterson Samuel, Warren, Pa.
Pinneo & Daniels Co., Dayton, O.
Piper B. H. Co., Manchester, N. H.
Red Star Spoke Co., Fayettesville, Ark.
Reuter Hub & Spoke Co., Dexter, Mo.
Rock City Spoke Co., Nashville, Tenn.
Sanders Alva Spoke Factory, Ashland, Ky.
Schmidt & Stork Wagon Co., West Bend, Wis.
Seymour Mfg. Co., Seymour, Ind.
Shortsville Wheel Co., Shortsville, N. Y.
Shupp Homer A., Effort, Pa.
Small W. E. Spoke Mfg. Co., Corinth, Miss.
Southern Indiana Mfg. Co., Birdseye, Ind.
Southern Spoke & Mfg. Co., Shelby, Miss.
Southern Wheel Stock Co., Ironton, O.
Sparta Spoke Factory, Sparta, Tenn.
Spring Valley Spoke, Stave & Heading Co., Spring Valley, Wis.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Stinson Edward Mfg. Co., 327 Guilford, Baltimore, Md.
Tell City Spoke Co., Tell City, Ind.
Thomasville Spoke Works Co., Thomasville, N. C.
Turnbull Motor Truck & Wagon Co. (Wagon Wheel), Defiance, O.
Union Spoke & Bending Co., Union City, Ind.
Von Behren Mfg. Co., Evansville, Ind.
Wayne Spoke & Bending Co., Fort Wayne, Ind.
Weis & Lesh Mfg. Co., Muncie, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wheetley Spoke Co., Wheetley, Ark.
Whitaker Bros. Co., Meridian, Miss.
Wildermuth Bending Co., Columbus, O.

13945— Sponge Rubber

Empire Tire & Rubber Corp., Trenton, N. J.
Faultless Rubber Co. (For Stamp Makers), Ashland, O.
Featheredge Rubber Co. ("Featheredge"), 408 W Grand av, Chicago, Ill.
Goodrich B. F. Co. (For Rubber Stamps, etc), Akron, O.
Mattson Rubber Co., Lodi, N. J.

13946— Sponges

Bartlum Geo. L. (Sponge Shipper), Key West, Fla.
Block Joseph (Inc.) (Imp), 51 Cliff, New York
Blum R., 108 Pearl, Boston, Mass.
Borgfeldt Geo. & Co., 16th & Irving pl, New York
Burk Wm. B. & Co., (Importers), 6th & Arch, Philadelphia, Pa.
Braun-Knecht-Heimann Co. (unbleached), 576-584 Mission, San Francisco, Cal.
Carbondale Sponge Co. (Imp), 89 Fulton, New York
Cheyney John K., Tarpon Springs, Fla.
Ettman H. L. Sponge Co., 1112 Pine, St. Louis, Mo.
Fossol John & Co., Tarpon Springs, Fla.
Fuchs Max Co. (Imp), 244 Pearl, New York York
Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.
Isaacs A. & Co. (Imp), 58 Beekman, New York
Lampel F. L., 315 Locust, St. Louis, Mo.
Lasker & Bernstein (Imp), 161 William, New York
Leousi, Clonney & Co., 39 Walker, New York
Louden & Hill, 624 Arch, Philadelphia, Pa.
Moses A. Sons & Co., 47 Ann, New York
Nassau Sponge Co., 234 W Lake, Chicago, Ill.
National Sponge & Chamois Co., 158 William, New York
Rhodes Jas. H. & Co. (Producers & Bleached), 2810 S Albany av, Chicago, Ill.
WILLIAMS & WELLS CO. (Loofah), 253 Fulton, New York *See adv index at end of book*

13946a— Sponges (Loofah)

China & Japan Trading Co., 80 Maiden la, New York
Nagase D. & Co., 120 B'way, New York
WILLIAMS & WELLS CO., 253 Fulton, New York. *See adv index at end of book*

13946b—Sponges (Filtering)

WILLIAMS & WELLS CO., 253 Fulton, New York. *See adv index at end of book*

13947— Sponges (Rubber)

Faultless Rubber Co., Ashland, O.
Featheredge Rubber Co., 408 W Grand av, Chicago, Ill.
Mattson Rubber Co., Lodi, N. J.
Miller Rubber Co., Akron, O.

Spool Mfrs.

See Textile Machinery, Supplies, Etc

13948— Spools (Belting)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13949—Spools (Cord, Electric Wire)

McGILL MFG. CO. ("Universal"), 77 Oak, Valparaiso, Ind. *See adv index at end of book*

13950-1—Spools (Field Magnet)

Hemming Mfg. Co., Garfield, N. J.
Vulcanized Products Co. ("Gohmak" Wood Pulp), Muskegon, Mich.

LOOFAH-SPONGES

MOST PRACTICAL AND ECONOMICAL FOR EXTRACTING OIL AND GREASE, ETC. FROM CONDENSER FEED WATER, IN FILTER TANKS, AND HOT WELLS, IN STEAMSHIPS AND STEAM POWER PLANTS.



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253 FULTON STREET, NEW YORK

13952— Spools (Metal)

American Pulley Co. (Pressed Steel), 114 S Clinton, Chicago, Ill.
Mossberg Frank Co. (Stamped Steel for Annealing, Spooling-Wire, Cordage, Chain, etc), Attleboro, Mass.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.

13952a—Spools (Typewriter Ribbon)

Syracuse Stamping Co., Inc. (Special), 422 S West, Syracuse, N. Y.

13952b— Spools (Wire)

Avoca Mfg. Co., Avoca, N. Y.
Macrodi Fibre Co., Woonsocket, R. I.

13953— Spools (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Established 1847

E. B. ESTES & SONS

Manufacturers of **SPOOLS**

For Silk and Cotton Thread, Cordage, Wire, Etc.

364 5th AVENUE NEW YORK CITY

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13954— Spoons (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Wagner Mfg. Co. ("Wagner" Cast Aluminum), Dept. H, Sidney, O.

13955—Spoons (Basting & Mixing)

Atlas Laboratory Equipment Bureau (Horn), 731 N Wells, Chicago, Ill.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Browne W. G. Mfg. Co., Kingston, N. Y.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Fisher Adam Mfg. (Combines an Egg Separator, Cake Mixing Spoon & Nutmeg Grater), 3624 Enright, St. Louis, Mo.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Peoria Can Co. (Mixing Only), Peoria, Ill.
Potter Mfg. Co. ("Potter"), Geneva, O.
White Ira F. & Son Co. (Perforated, Slotted, "Whirlpool"), Bloomfield, N. J.

13956—Spoons (Chafing Dish)

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Rochester Stamping Co., Rochester, N. Y.

13957— Spoons (Digging)

See also Shovel & Spade Manufacturers
Ames Shovel & Tool Co. (Telegraph, etc), Ames bldg, Boston, Mass.
Beall Bros., Alton, Ill.
Columbus Handle & Tool Co., Columbus, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
Ransome Concrete Machinery Co., Dunellen, N. J.; 165 Broadway, New York
Russell John C. Chovel Co., 336 4th av, Pittsburgh, Pa.
Wyoming Shovel Works, Wyoming, Pa.

13958— Spoons (Drossing)

Wilfong Millard F. Iron Works Co., 52nd & Gray's av, Phila., Pa.

13959— Spoons (Ice Cream)

Ammidon & Co. ("Amico"), 31 S Frederick, Baltimore, Md.
Giles & Nielsen Nickel Works, Troy, N. Y.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
National Enameling & Stamping Co. (Forged, Re-Tinned Wooden Handle), 411 5th av, New York

13960— Spoons (Ladle)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

13961-2—Spoons (Miners')

Hardsocg Mfg. Co., Ottumwa, Ia.

Spoons (Mustard)

See Spoons, Wooden

13963— Spoons (Paper)

American Water Supply Co., 251 Causeway, Boston, Mass.
Atlas Mfg. Co. (Ice Cream, etc), New Haven, Conn.

13964— Spoons (Pitting)

Emrich Phil., 824 Main, Cincinnati, O.
Ontario Knife Co. ("California"), Franklinville, N. Y.

13964a— Spoons (Platinum)

Baker & Co., Inc., 54 Austin, Newark, N. J.
Bishop J. & Co., Platinum Wks., Malvern, Pa.

13965— Spoons (Skimming)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

13966-7—Spoons (Strainer)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York

Spoons (Table, Silver & Silver Plated)

See Silverware, Table

Spoons (Telegraph)

See Shovels, Spades & Scoops; also Spoons Digging

13968— Spoons (Tinned)

Am. Tube & Stamping Co., Bridgeport, Conn.
Ammidon & Co. ("Amico" Ice Cream), 31 S Frederick, Baltimore, Md.
Atlas Mfg. Co. (Ice Cream), New Haven, Conn.
Benedict Mfg. Co., East Syracuse, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Stamping Co., 174 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Grasberger B. A. & Co., 820 W Moore, Richmond, Va.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Anti-Rust), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Parker Chas. Co., Meriden, Conn.
Peoria Can Co. (Ice Cream), Peoria, Ill.
Russell J. Cutlery Co., Turners Falls, Mass
Wallace R. & Sons Mfg. Co., Wallingford, Conn.

13969—Spoons (Wood Handle)

Potter Mfg. Co. (Egg, Cake, etc.), Geneva, Ohio

13970— Spoons (Wooden)

Bogert & Hopper, Inc. (Mustard, etc.), 57 Barclay, New York *See adv index at end of book*
Chapman-Sargent Co., Piqua, O.
Estes E. B. & Sons (Mustard, etc), 364 5th av, New York *See adv index at end of book*
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.

13970a—Sporting Goods (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Lurie John, Inc., 1789 Broadway, New York
Wright & Ditson, 408 B'way, New York

13971—Sporting & Athletic Goods Mfrs.

See also the Specified Article Required

Abel, W. A. Co., Syracuse, N. Y.
Brauer Bros. Mfg. Co. ("Moose" Brand of Leather Sporting Gun Goods), 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Cal. Notion & Toy Co., 555H Market, San Francisco, Cal.
Chicago Sporting Goods Mfg. Co. (Baseballs, Gloves, Mitts & Uniforms, etc), 211 N Carpenter, Chicago, Ill.
Consolidated Belting Co. (Leather), 3108 Germantown av, Phila., Pa.
Daily Mfg. Co., 432 E 7th, St. Paul, Minn.
Draper Maynard Co., Plymouth, N. H.
Dudley Chas. H. (Complete Equipment for Base & Foot Balls, Tennis, Gymnasium, etc), Hanover, N. H.
Elmira Arms Co. (Jobbers), N Main, Elmira, N. Y.
Giant Mfg. Co (Jobbers), Council Bluffs, Iowa
Goldsmith's P. Sons, Findlay & Charlotte, Cincinnati, Ohio
Goodrich B. F. Co. (Rubber Goods for Baseball, Golf, Tennis, etc), Akron, Ohio
Hamilton Hardware Corp., Waterbury, Conn.
Hellenberg J. B. Co. (Indian Clubs, Dumbbells, Horizontal Bars, Ten Pins & Indoor Sporting Goods), Coldwater, Mich.
Hill Richard F., 219 High, Newark, N. J.
Hillerich Bradsby Co. ("Louisville Slugger" Bats), Louisville, Ky.
Hygienic Fleeced Underwear Co. (Suits, Sweaters, Coats, Stockings, etc), 2415 Howard, Philadelphia, Pa.
Jarvis W. B. Co. ("Ty Cobb" Baseball, Tennis & Athletic Goods), Grand Rapids, Mich.
Johnson's Iver Arms & Cycle Works, Fitchburg, Mass.
Kimball-Upson Co. (Jobbers), Sacramento, Cal.
Leacock Sporting Goods Co. (Baseball, Golf & Tennis Goods), 921 Locust, St. Louis, Mo.

SPORTING & ATHLETIC GOODS MFRS. —continued

Lee Harry C. & Co. (Tennis & Golf Specialties), 97 Chambers, New York
Mandl Bernard (Clothing), 212 W Madison, Chicago, Ill.
McLaughlen, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Murta Appleton Co. (Jobbers), Dept. H, 12th & Sansom, Phila., Pa.
New York Sporting Goods Co., 15 Warren, New York
Peach J. A., Gloversville, N. Y.
Peerless Exerciser Co. ("Five-in-One" Spring Exerciser), 383 Pearl, Brooklyn, N. Y.
Rawlings Mfg. Co. ("Reynolds" Catchers' Mitts), 23d & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Philadelphia, Pa.
Rome Sporting Goods Mfg. Co., Rome, N. Y.
Schovering, Daly & Gales (Dealer), 302 B'way, New York
Sharp & Smith (Jockey Straps), **65 E Lake, Chicago, Ill.**
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Spalding A. G. & Bros. (Full Line), 126 Nassau, New York
Stall & Dean Mfg. Co. (Everything for Baseball, Football, etc), Brockton, Mass.
Treinis Bros. (Athletic Clothing), **126 13th, Brooklyn, N. Y.**
Tryon Edw. K. Co. (Baseball Goods, etc), 611 Market, Phila., Pa.
Utica-Duxbak Corp. (Mackinaws & Sporting Garments), Utica, N. Y.
Victor Sporting Goods Co., Springfield, Mass.
Wagner Bros. Hardware Co. (Jobbers), Hazleton, Pa.
Ware Walter F. Co. (Jockey Strap Supporters), 1034H Spring, Phila., Pa.
Weed Lewis M. Co., Inc., Binghamton, N. Y.
Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.
Westing G. H. Co. (Jobbers), Penn & Vermont, Indianapolis, Ind.
Whitely Exerciser Co., 36 Vesey, New York
Wilson Thos. E. & Co. (Discus, Cage, Medicine, Striking & Volley Balls), 701 N Sangamon av, Chicago, Ill.
Wise Sportsman's Supply Co. ("Jim Dandy" Fish Bait), 15 E Lake, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.
YPSILANTI GARMENT SHOP (Makers of Gym. Garments, Running Pants, Bloomers, Middies, Shoes, etc.), Ypsilanti, Mich.

13972— Spouts (Bung)

Kraft A. C. ("Wilson"), **323 W Lake, Chicago, Ill.**
Redlich Mfg. Co., 637 to 647 W Oak, Chicago, Ill.

13973— Spouts (Can)

Consolidated Fruit Jar Co., New Brunswick, N. J.
Marsh Mfg. Co. (Spouts & Faucets for Tin Cans), 56 Pine, New York
Sexton Can Co. ("Sexton's" Swivel), 123 Broad, Boston ,Mass.

13974—*Spouts (Coaling Station)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

13975— Spouts (Grain)

Great Western Mfg. Co., Leavenworth, Kan.
Hart Grain Weigher Co. (For Use With Portable Elevators), Peoria, Ill.
Kelker Blower Co. Inc. (Loading), 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book

13975a— *Spouts (Magnetic)

Dings Magnetic Separator Co., 672 Smith Milwaukee, Wis.
See adv index at end of book

13976— Spouts (Sap)

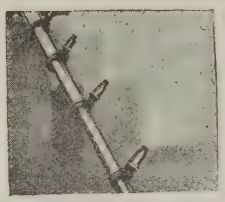
Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Breck James & Sons Corp., 55 Franklin, Boston, Mass.
Foster Harry H., Cabot, Vt.
Franklinville Canning Co. ("Anchor"), Franklinville, N. Y.
Grimm G. H., Rutland, Vt.
Hunting Co. ("Willis"), Watertown, N. Y.

13976a— *Spouts (Wood)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

13976b—Spray Nozzles (Water Cooling)

ANTHONY CO., 138 West av, Long Island City, N. Y.
Badger E. B. & Sons Co., 75A, Pitts, Boston, Mass. *See adv index at end of book*
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
STAR BRASS WORKS, 3129 Carroll av, Chicago, Ill. *See adv index at end of book*
Yarnall Waring Co., Chestnut Hill, Phila., Pa.



Multi-Spray Type; large capacity; low operating pressure; maximum cooling results. *Catalog 6-B.*

Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa.

13976c— Spray Outfits

Brown E. C. Co., Rochester, N. Y.
Cooling Tower Co., Inc. (Pads, etc.), 15 John, New York
MacLeod Co. (Hand & Power), 2227 Bogen, Cincinnati, O.
See adv index at end of book
MEYERS F. E. & BRO. (Automatic Pressure Controller, "Myers" Special Spray Outfits), 900 Fourth, Ashland, O.
See adv index at end of book
Stahl Wm. Sprayer Co., Quincy, Ill.
Star Brass Works, 3129 Carroll av, Chicago, Ill. *See adv index at end of book*

13977—*Sprayers (Blacking Swab)

MAC LEOD CO., 2227 Bogen, Cincinnati, Ohio *See adv index at end of book*

13977a— Sprayers (Cart)

Brown, E. C. Co., Rochester, N. Y.
DEMING CO. ("Planters," "Gardners' Choice," "Farmers' Friend"), Salem, Salem, O. *See adv index at end of book*

13977b—Sprayers (Cooperage Coating)

Eureka Machine Co., Cleveland, O.

13977c—Sprayers (Garden, Orchard, etc.)

Aspinwall Mfg. Co., Jackson, Mich.
Brandt Mfg., Co. ("Simplex," "Brandt," "Perfection"), **310 3rd av N, Minneapolis, Minn.**
Brown, E. C. Co., Rochester, N. Y.
Champion Potato Machine Co. ("O. K. Champion" Four Row), **Hammond, Ind.**
Crown Mfg. Co., Phelps, N. Y.
Deming Co., Salem, O.
See adv index at end of book
Dust Sprayer Co., 1222 W 9th, Kansas City, Mo.
Field Force Pump Co. ("Red Jacket," "Yellow Jacket," "Monarch Triplex"), Dept. H, Elmira, N. Y.
Harry Bros. Mfg. Co. (Hand "Atomist"), 282 Woodridge E., Detroit, Mich.
Hudson Mfg. Co. ("Easy"), 324 3rd av, N, Minneapolis, Minn.
Lauson-Lawton Co. De Pere, Wis.
Lawrence-Bostwick Mfg. Co. (Ltd.) ("Star" Hand), **Phelps, N. Y.**
Leggett & Bro. ("Champion," "Little Giant," "Jumbo"), 301 Pearl, New York *See adv index at end of book*
Lisk Mfg. Co. (Ltd.) ("Lisk" Hand), **Canandaigua, N. Y.**
McKenzie Mfg. Co. ("Egan," "La Crosse," "McKenzie"), **La Crosse, Wis.**
MacLeod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book

For Spraying Tobacco, Fruit Trees, Vegetation, etc.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

MYERS F. E. & BRO. ("Myers," Myers Wheelbarrow), **900 Fourth, Ashland, O.**
See adv index at end of book
Stahl Wm. Sprayer Co., Quincy, Ill.
Stevens Mfg. & Foundry Co. ("Steitz"), **Decatur, Ill.**

13977d—Sprayers (Gasoline Engine Outfits)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

13978-9-80—Sprayers (Mine)

American Moistening Co. (to Prevent Explosions in Coal Mines), 120 Franklin, Boston, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Stine S. B., Osceola Mills, Pa.

Spraying Apparatus

See Pumps, Spraying; also Spraying Machines

13981—Sprays (Rubber Bath)

Boekel Wm. & Co. (Shampoo), 518 Vine, Phila., Pa.
Seed Filter & Mfg. Co., 73 Franklin, New York
Tyer Rubber Co. ("Tyrian," Single & Double Faucet Connection), **Andover, Mass.**
Vant, Woud Rubber Co., 168 39th, Brooklyn, N. Y.

13982— Sprays (Urinal)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
I. X. L. Pump & Mfg. Co., 957 N 9th, Phila., Pa.
Perkes Chas., 627 Arch, Phila, Pa.
Speakman Supply & Pipe Co., Wilmington, Del.

13983— Sprays (Water, for Acid Chambers)

Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Chemical Equipment Co. ("Ceco"), 2457 S Western av, Chicago, Ill.
Pratt Engineering & Machine Co., Atlanta, Ga.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
STAR BRASS WORKS, 3129 Carroll av, Chicago, Ill. *See adv index at end of book*

13984— Sprays (Water, for Rock Drills)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

13985— Spreaders (Automobile Spring)

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

13986— Spreaders (Concrete)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

13987—Spreaders (Earth, Ballast & Snow Plow Combined)

Jordan O. F. Co. (Pneumatic), **333 S Michigan av, Chicago, Ill.**

Spreaders (Glue)

See Glue Spreading Machinery

13988— Spreaders (Lime)

Hench & Dromgold Co. ("Economic"), York, Pa.
Kemp N. J. Co. ("Kemp Climax"), **Batavia, N. Y.**
Keystone Machine Co., York, Pa.
Massey-Harris Harvester Co., Batavia, N. Y.
Ontario Drill Co., East Rochester, N. Y.

13989— Spreaders (Manure)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Bloom Mfg. Co., Nashua, Ia.
Eagle Wagon Works, Auburn, N. Y.
Emerson-Brantingham Co. ("E.-B."), Low Down), **Rockford, Ill.**
Ertel Geo. Co., Quincy, Ill.
Galloway Wm. Co., Waterloo, Ia.
Harder Mfg. Co. ("Fearless"), **Cobleskill, N. Y.**
International Harvester Company of America (Inc.) ("International"), Harvester bldg, Chicago, Ill.
Johnston Harvester Co., Batavia, N. Y.
Litchfield Mfg. Co. ("Litchfield"), Waterloo, Ia.
Mandt Wagon Co., Stoughton, Wis.
Marseilles Works of Deere & Co. ("John Deere," "Kemp & Burpee," "Success"; also Straw Spreader), East Moline, Ill.
Moline Plow Co. ("Flying Dutchman," "Moline" & Wagon Box), Moline, Ill.
New Idea Spreader Co. ("New Idea," "Lowest Low-Down," "Coldwater"), Coldwater, O.
Oliver Chilled Plow Works ("Black Hawk"), South Bend, Ind.
One Minute Mfg. Co., Newton, Ia.
Richardson Mfg. Co., Worcester, Mass.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Rude Mfg. Co., Liberty, Ind.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Superior Mfg. & Mill Co., Springfield, O.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), 625 Miles, Waterloo, Ia.
Wood Walter A., Mowing & Reaping Machine Co. ("Fearless"), Hoosick Falls, N. Y.

13990-1—Spreaders (Rubber Mill)

American Tool & Machine Co. (For Coating Textile Fabrics), 10 High, Boston, Mass
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Coil Spinning Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
New England Butt Co., 304 Pearl, Providence, R. I.
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

13992— Spreaders (Wire)

Line Material Co. (Arms & Wire Spreaders), So. Milwaukee, Wis.

13993— Spring Dampener

McCord & Co. ("McCord"), 122 S Michigan av, Chicago, Ill.

13993a—Spring Oilers (Leaf)

Brown Spring Oiler Co. ("Relic" & "Brown"), 6911 Carnegie av, S E, Cleveland, O.
Jeavons A. N. (& Covers), 1603 Prospect av, Cleveland, O.
Spring Leaf Lubricator Co., Ann Arbor, Mich.

13994—Springs (Agricultural Implement)

See also Springs, Machinery

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Babcock Mfg. Co., Leonardsville, N. Y.
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Coil Spinning Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
General Spring & Wire Co., 550 Marston, Detroit, Mich.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Harrow Spring Co. (Cultivator Sectional, etc), Milwaukee, Wis.
Hubbard M. D. Spring Co., Pontiac, Mich.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Sabin Machine Co., Montpelier, Vt.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Robt. P., 320 Market, Newark, N. J.

Springs (Air Brake)

See Springs, Coil or Spiral

13995—Springs (Automobile)

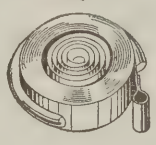
See also Springs, Various Kinds; also Shock Absorbers

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Auto Parts Mfg. Co, Trombly & Orleans, Detroit, Mich.
BARNES THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Beans Spring Co. (& Truck), Massilon, O.
Betts Spring Co. (Also Auto Truck), 888 Folsom, San Francisco, Cal.
Boyd F. Shirley, 903 Boylston, Boston, Mass.
Cambria Spring Co., Los Angeles, Cal.
Cary Spring Works (Small), 240 W 29th, New York
Christie Alex & Co., Seattle, Wash.
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cook Spring Co., 420 E 106th, New York
Cooper Spring Co., Leader News bldg, Cleveland, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Delany Daniel & Son, Hamilton, Newark, N. J.
Detroit Steel Products Co. ("Detroit" Truck), 2250 E Grand blvd, Detroit, Mich.
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Earl Automobile Works, Los Angeles, Cal.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Foster Bros. Manfg. Co., Dept. H, Utica, N. Y.
Garden City Spring Works, 2300 Archer, Chicago, Ill.
Harvey Spring & Forging Co., Racine, Wis.
Higgins Spring & Axle Co. (& Replacement Springs), Racine, Wis.
Hill-Smith Metal Goods Co. ("H.-S."), 82 Brookline av, Boston, Mass.
Hoover Spring Co. ("E. C." & "E. C. V."), 201-223 Franklin, San Francisco, Cal.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
Jackson Cushion Spring Co. ("Rough Rider," "Advance"), Jackson, Mich.
Jenkins Vulcan Spring Co., Richmond, Ind.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Keystone Spring Works ("Keystone"), 13th & Buttonwood, Philadelphia, Pa.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Liggett Spring & Axle Co., Monongahela, Pa.
Mather Spring Co. ("Mather Vanadium" & "Mather Crescent"), Toledo, O.
Merrill E. R. Spring Co., 530 W 28th, New York
Miller & Van Winkle ("Eagle," Springs of Every Description), 18 Bridge, Brooklyn, N. Y.
National Spring Co., New Castle, Ind.
NATIONAL SPRING CO., THE, 689 Kent Brooklyn, N. Y.
New York Wire & Spring Co. (All Kinds), 588 Washington, New York
Otter Mfg. Co., Inc. (All Tempered, Flat & Spiral), 243 W 17th, New York
Palmer Jos., 333 Rutherford av, Boston, Mass.
PECK SPRING CO., Plainville, Conn.
See adv index at end of book
Penn Spring Works, Baldwinsville, N. Y.
Pittsburgh Spring & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Pneumatic Cushion Co., 179 Grove, San Francisco, Cal.
Pullau Steel Spring Co., Mt. Clemens, Mich.
Reliance Spring & Mfg. Co., Inc., 3910 2d av, Brooklyn, N. Y.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Rich Hdwe. Co., Phoenix, Ariz.
Rowland Wm. & Harvey ("W. & H. Rowland"), Tacony & Lewis, Philadelphia, Pa.
Sheldon Axle & Spring Co. ("Sheldon," "Anchor" & "Dragon"), Wilkes Barre, Pa.
Springfield Spring Co., Springfield, O.
Spring Perch Co. (Pleasure & Truck), Bridgeport, Conn.
Standard Parts Co., The, Cleveland, O.
Sterling Spring Co. ("Sterling"), 2148 Scranton rd, Cleveland, O.
Superior Steel Spring Co. (Suspension), Mt. Clemens, Mich.
Trenton Spring Mattress Co. (Cushion Springs), Trenton, N. J.

"Barnes-Made" Products

We have the equipment for making hundreds of thousands of parts for practically every type of mechanical device. Here's a summary of "Barnes-Made" Products:

If you use a brush-holder spring  or one of the  round type we make them. Spiral springs, straight  or coned  flat springs  of any description or size 

Torsion  springs, phonograph, clock or motor springs  all of these we make to your specifications from the better grades of material, whether flat high carbon steel, tempered round wire, music wire, brass, phosphor bronze or steel alloys.

And because we assemble so many springs with screw machine parts, we make these too—special  screws, knurled  pieces or any precision part 

SPRINGS, WIRE & STEEL EST. "BARNES-MADE" PRODUCTS 1857 SCREW MACHINE PRODUCTS

The Wallace Barnes Company

"Spring Makers for Three Generations"

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DUNBAR SPRINGS

Standard Since 1845

Flat
Spiral
Clock
Motor
Gauge
Electric Meter
Springs



Auto
Engine
Valve
Door
Screen
and
Springs for All Uses

NEW PLANT OCCUPIED 1920

The Dunbar Bros. Co. **Bristol, Conn.**

SPRINGS (AUTOMOBILE)—continued

Tuthill Spring Co. ("Titanic"), 760 Polk, Chicago, Ill.
Union Spring & Mfg. Co. (Coil & Elliptic), 1211 Fulton bldg., Pittsburgh, Pa.
See adv index at end of book
Waterbury Welding Co., Waterbury, Conn.
Watertown Automobile & Supply Co., Watertown, N. Y.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Willys-Overland Co. (Cushion & Back), Toledo, Ohio

13996— Springs (Bed)

Abbott John G. (Est. of), Antrim, N. H.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Advance Bedding Co., La Crosse, Wis.
American Bed Co., 1820 McNulty, St. Louis, Mo.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress & Spring Bed Co., Anderson, S. C.
Athens Mattress & Spring Bed Co., Athens, Ga.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Alleghany, Phila., Pa.
Billow-Firestone Co., Columbus, O.
Bloom & Godley Co., Trenton, N. J.
Boll Bros. Mfg. Co., Harrisburgh, Pa.
Bonnell E. M., Corry, Pa.
Brandt A. Upholstering Co., Fort Worth, Texas
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Brown Bed Mfg. Co., Kansas City, Mo.
Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.
Carlson L. M., Grand Island, Nebr.
Carmen Mfg. Co., Portland, Ore.
Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.
Champion Bed Spring Co., E 37th, Cleveland, O.
Cleveland Wire Spring Co. (Wire Fabrics), 1281 E. 38th, Cleveland, O.
Clinton Furniture Co., Clinton, Ia.
Corry Bed Spring Co., Corry, Pa.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Bed Co., Ltd., 2662 Gravier, New Orleans, La.
Curtiss Bros., Richland, N. Y.
Deinzer Mfg. Co., 57 Catherine, Detroit, Mich.
Dubuque Mattress Factory, Dubuque, Ia.
Eckerson Bedding Co., Mechanicsville, N. Y.
Empire Spring Bed Works, Elmira, N. Y.
Englander Spring Bed Co. 88 35th, Brooklyn, N. Y.
Enterprise Bed Co., Hammond, Ind.
Evansville Metal Bed Co., Evansville, Ind.
Evansville Surprise Bed Spring Co., Evansville, Ind.
Florida Spring Bed Mfg. Co., Jacksonville, Fla.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Foster Bros. Mfg. Co. ("Fosterlink" & "Ideal"), Utica, N. Y.
Foster Bros. Mfg. Co., B'way & Buchanan, St. Louis, Mo.
Foster Bros. Mfg. Co. ("Ideal"), Utica, N. Y.
Foster Bros. Mfg. Co., ("Fosterlink") Utica, N. Y.
Gallup & Lewis, Jackson, Mich.
Gangelhoff Bros., 909 S 2nd, Minneapolis, Minn.
Gasau-Thompson Co., 10 Ashland pl, Brooklyn, N. Y.
Gholstin Spring Mattress Co., Atlanta, Ga.
Gladstone Mattress Co., Huntington, W. Va.
Greenpoint Metallic Bed Co., Atlantia, Ga.
Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hartford Wire Works, Hartford, Conn.
Hasselbarth C. O., Albany, N. Y.
Hasselbarth Whiton Co., Utica, N. Y.
Herr Mfg. Co., Lancaster, Pa.
Hodges F. G., Reading, Pa.
Holman John & Co., 134 Richmond, Boston, Mass.
Hunt Spring Bed Co., Chattanooga, Tenn.
Huntington Spring Bed Co., Huntington, W. Va.
Jackson Cushion Spring Co. ("Rough Rider"), Jackson, Mich.
Karr Francis Co., 1322 W Monroe, Chicago, Ill.
King Bedding Co., 2119-25 W Toronto, Phila., Pa.
Kinney-Rome Co., 3617 S Racine av, Chicago, Ill.
Lariew J. R., Elmira, N. Y.
Leggett & Platt Spring Bed & Mfg. Co., Carthage, Mo.
Lewis-Weller Mfg. Co. ("E-Z"), Utica, N. Y.
Logan A. J. Co, 29th & Liberty, Pittsburgh, Pa.
Manhattan Spring Bed Co., 9 Elizabeth, New York
Mellow & Storm Mfg. Co., 10th & Mullanphy, St. Louis, Mo.
Metal Furniture Co., Evansville, Ind.
Metzger Mattress Co., Atlanta, Ga.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Norfolk Mattress Co., Norfolk, Va.
Morrow Jas. R., Fort Wayne, Ind.
Moore Mfg. Co., Muncie, Ind.
Myers-Spaiti Mfg. Co., Houston, Texas.
National Bedding Co., 237 S 2nd, Phila., Pa.
National Spring Bed Co., New Britain, Conn.
Newark Spring Mattress Co., 80 Madison, Newark, N. J.
New England Bedding Co., 321 Congress, Boston, Mass.
New Haven Spring Bed Co., New Haven, Conn.
Oklahoma Spring Bed Mfg. Co., Oklahoma, Oklahoma
Pacific Spring Bed Co., Berkeley, Cal.
Pacific Steel Furniture Mfg. Co., Seattle, Wash.
Palmer Galvanic Bed Co., 231 E 9th, New York
Perfection Bed Spring Co., Mansfield, O.
Pittsburgh-Hickson Co., Butler, Pa.
Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.
Preuss R. J. Co., 388 38th, Milwaukee, Wis.
Puritan Bed Spring Co., 902 Kentucky av, Indianapolis, Ind.
Queen City Iron Folding Bed Co., 26 W 3d, Cincinnati, O.
Renn-Davis & Co. (Steel Frame, Steel Lock), Portsmouth, Va.
Reilly & Manz, 192 R R av, Jersey City, N. J.
Rogers Chas. P. & Co., 14 E 33rd, New York
Rose Spring & Mattress Co., Memphis, Tenn.
Rudgear-Merle Co., Bay & Stockton, San Francisco, Cal.
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.
Schmitt & Henry Mfg. Co., Des Moines, Ia.
Schomer Henry Co., 1814 S Kilbourn, Chicago, Ill.
Shannon Bed Spring Co. (Spiral & Link Fabric), Louisville, Ky.
Somelastique Bedding Co., 301 E 22nd, New York.
Southern-Rome Co. ("Rome"), 623 W Pratt, Baltimore, Md.

Southern Spring Bed Co., Atlanta, Ga.
Trenton Spring Mattress Co., Trenton, N. J.
Troy Woven Wire Spring Co., Troy, N. Y.
Turk Jos. Mfg. Co., Bradley, Ill.
U. S. Cabinet Bed Co., 336 Delancey, New York
Union Bed & Spring Co., 4345H 5th av, Chicago, Ill.
United States Spring Bed Co., Springfield, Mass.
Van Vorst C. B. Co., Los Angeles, Cal.
Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.
Vincent-Alward Co. (Spiral), Kenosha, Wis.
Wagner Spring Bed Mfg. Co., Holyoke, Mass.
Weborg Bros. Spring Bed Co., Jamestown, N. Y.
Weisglass S. & Co., 13 Montana av, B'klyn, N. Y.
West End Spring Bed Co., 66 Pitts, Boston, Mass.
Western Wire Mattress Co., 16th & San Bruno av, San Francisco.
Wickwire Spencer Steel Corp. ("Helical"), Worcester, Mass.
See adv index at end of book
York Woven Wire Mattress Co., York, Pa.
Zimmer Geo. W., 2743 High, Chicago, Ill.

13997— Springs (Bee Hive)

Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Bicycle)

See Springs, Coil or Spiral

13998— Springs (Bird Cage)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
HENDRYX A. B. CO., 86 Audubon, New Haven, Conn. *See adv index at end of book*
Hirsch & Spitz Mfg. Co., Atlanta, Ga.
Lindemann O. & Co., 35 Wooster, New York
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Parker Wire Goods Co., Worcester, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.

Springs (Bolster)

See Springs, Car; also Springs, Carriage & Wagon

13998a— Springs (Brake)

Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

13998b—*Springs (Brass, Flat & Wire)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book

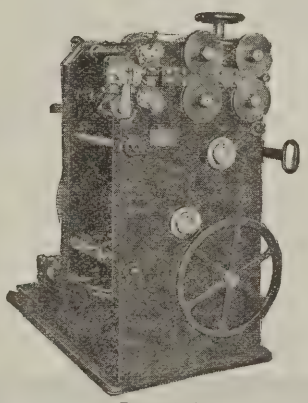
13999—Springs (Brush Holder)

Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Eureka Co., North East, Pa.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lee Spring Co. (Dynamo & Motor), 353 Classon av, Brooklyn, N. Y.
See adv index at end of book
NATIONAL SPRING CO., THE, 689 Kent av, Brooklyn, N. Y.
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Railway Steel Spring Co., 30 Church, New York
Reliance Spring & Mfg. Co., Inc., 3910 2d av, Brooklyn, N. Y.
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

14000— Springs (Car)

American Spiral Spring & Mfg. Co. (P. R. R. Spec), 56th & A. V. R. R., Pittsburgh, Pa.
American Steel Foundries, McCormick bldg, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Betts Spring Co., 88 Folsom, San Francisco, Cal.
Brill J. G. Co. (Car & Locomotive), 62d & Woodland av, Phila., Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Detroit Steel Products Co. (Detroit Passenger), 2250 E Grand blvd, Detroit, Mich.
Farist Steel Co., Bridgeport, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Oil Tempered, Flat & Spiral), 243 W 17th, New York
Pittsburgh Crucible Steel Co., Midland, Pa.
Pittsburgh Spring & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Pressed Steel Car Co. (Bolster, Coach & Engine), 307 5th av, Pittsburgh, Pa.
Railway Steel Spring Co. (Heavy, Elliptic & Coil), 30 Church, New York
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Steel Works Co., Morris bldg, Phila., Pa.

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See our advs. at Nail Mill Machy. and Spring Coiling Machy.

SPRINGS (CAR)—continued
Taylor Electric Truck Co. ("Taylor-Made" Coil & Elliptic), Troy, N. Y.
Union Spring & Mfg. Co. (Coach & Locomotive), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
Western Steel Car & Foundry Co. (Bolster, Couch & Engine), 122 S Michigan av, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Car Fender)

See Springs, Coil or Spiral

14001— Springs (Car Sash)

Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wallace Supplies Mfg. Co., 412 Orlean, Chicago, Ill.

Springs (Car Seat)

See Springs, Furniture & Upholstering

14002—Springs (Carriage & Wagon)

Adams E. B. & Son ("Spalding" Bolster), Racine, Wis.
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Cately & Ettling (Prop), Cortland, N. Y.
Cleveland Wire Spring Co. (Bolster), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Concord Axle Co. ("Palmer's" Concord), Penacook, N. H.
Cooper Spring Co., Leader News bldg., Cleveland, O.
Delany D. & Son, Hamilton, Newark, N. J.
Ernsdorff John Iron Co. (Bolster Only), Dubuque, Ia.
Fernald Mfg. Co. ("Keystone," Attached Between Trace & Whiffletree), North East, Pa.
Garden City Spring Works, 2300 Archer, Chicago, Ill.
Harvey Spring & Forging Co. (Bolster & Seat), Racine, Wis.
Higgins Spring & Axle Co. (Wagon seat Springs), Racine, Wis.
Hirsch Bros. (Bolster), 267 Reed, Milwaukee, Wis.
Indianapolis Bolster Spring Co., Indianapolis, Ind.
Iron City Spring Co. (Oil Tempered), 2920 Smallman, Pittsburgh, Pa.
Jackson Cushion Spring Co. ("Rough Rider," Carriage Seat, etc), Jackson, Mich.
Kalamazoo Spring & Axle Co. (Seat, Bolster Body, etc), Kalamazoo, Mich.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Liggett Spring & Axle Co., Monongahela, Pa.
Merrill E. R. Spring Co., 530 W 28th, New York
Meyer & Co. ("Cliffs" Bolster Seat & Pole), Throopsville, N. Y.
New Haven Spring Bed Co., New Haven, Conn.
Noll Bros. (Bolster), 849 Allis, Milwaukee, Wis.
Palmer Jos., 333 Rutherford av, Boston, Mass.
Penn Spring Works, Baldwinsville, N. Y.
Racine General Mfg. Co. ("General" Bolster, Wagon Jobbers Only), Racine, Wis.
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
Sheldon Axle & Spring Co., Wilkesbarre, Pa.
Spring Perch Co. (Carriage Only), Bridgeport, Conn.
Standard Parts Co., The ("C. C."), Cleveland, O.
Sterling Spring Co., 2148 Scranton rd, Cleveland, O.
Stoughton Wagon Co. (Bolster), Stoughton, Wis.
Studebaker Corp. (Wagon & Bolster), South Bend, Ind.
Tanner D. F. (Wagon Bolster), Holland, N. Y.
Trenton Spring Mattress Co., Trenton, N. J.
Troy Spring Works, Troy, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Walker Mfg. Co. (Bolster Spring for Farm Wagons), Racine, Wis.
Wilson Robert P. ("Wilson's Hold-up" Shaft Springs), 320 Market, Newark, N. J.
Wurster Fred. W. & Co., 375 Kent av, Brooklyn, N. Y.

14003—Springs (Ceiling, for Swing Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*

14004—Springs (Children's Carriage, Etc.)

Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Wagner E. R. Mfg. Co., North Milwaukee, Wis.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14005—Springs (Clock, Music Box, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Manross F. N. & Sons (Clock), Forestville, Conn.
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Waterbury Clock Co., Waterbury, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14005a— *Springs (Clutch)

Amer. Specialty Co., Dept. H, Bridgeport, Conn.
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book

14006—Springs (Coil or Spiral)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
AMERICAN STEEL & WIRE CO. (Light & Heavy), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith Co. (Small), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book

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Brass — Bronze — Phosphor Bronze, etc.

AUSTIN & SMITH CO.
427 Quinnipiac Ave.,
New Haven, Conn.

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes-Made," All Kinds), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Cary Spring Works, 240 W 29th, New York
Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America (All Kinds of Coil), Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dellenbarger C. E. Co., Joliet, Ill.
DUNBAR BROTHERS CO. ("Dunbar Springs" Small Sheet Steel & Brass Wire), Bristol, Conn.
See adv index at end of book
Eastern Parts Mfg. Co., 135 Spring, New York
Eureka Spring Co., 150 Bleecker, New York
Farist Steel Co. (Car, etc), Bridgeport, Conn.
Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Gardner Wire Co. (Coil, All Kinds Made from Round & Square Wire), 520 N Parkside av, Chicago, Ill.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Goepel C. F. & Co., 137 E 13th, New York
Hebb Geo. A. (Coil), 70 Williams, Newark, N. J.
Hubbard M. D. Spring Co., Pontiac, Mich.
Humason Mfg. Co. (Small Spiral), Forestville Station, Bristol, Conn.
Illinois Spring & Stamping Co. (Wire, etc), 2341 N Keystone av, Chicago, Ill.
Indianapolis Bolster Spring Co. ("Victor" Coil), 326 W Georgia, Indianapolis, Ind.
Insull Thos., 1439 Hutchinson, Phila., Pa.
Jackson Cushion Spring Co. (Wire Coil), Jackson, Mich.
LEE SPRING CO. (Coiled or Spiral), 353 Classon av, Brooklyn, N. Y.
See adv index at end of book
Lewis-Weiler Mfg. Co., Utica, N. Y.
Ludlow Saylor Wire Co., 319H Pine, St. Louis, Mo.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

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Meyer & Co., Throopsville, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
NATIONAL SPRING CO., THE, 689 Kent av, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Pittsburgh Spring & Steel Co. (Car, etc), Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co. (Light & Heavy), 30 Church, New York
Raymond Mfg. Co. (Ltd.), (Steel & Wire), Corry, Pa.
Sabin Machine Co. (Organ, etc), Montpelier, Vt.
Shuler W. S. Spring Co., Amsterdam, N. Y.
Snow Albert E & Co., 252 B'way, New York *See adv index at end of book*
Springfield Spring Co., Springfield, Ohio
Taylor Electric Truck Co. ("Taylor Made"), Troy, N. Y.
Union Spring & Mfg. Co. (Car & Machy.), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
Wallace Supplies Mfg. Co. (Coil), 412 Orleans, Chicago, Ill.
Washburn Wire Co., Phillipsdale, R. I.
Webb Mfg. Co., 245-247 N J RR av, Centre, Newark, N. J.
See adv index at end of book
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wilson Robt. P., 320 Market, Newark, N. J.

Springs (Compression)

See Springs, Extension & Compression

14007— Springs (Contact)

Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
More-Jones Brass & Metal Co. (For Trolley Roads), B'way & Dock, St. Louis, Mo.
Union Spring & Mfg. Co. (Friction, etc.), New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Cultivator)

See Springs, Agricultural Implement

14008— Springs (Curtain)

Austin & Smith Co., 427 Quinnipiac av, New Haven Conn.
See adv index at end of book
Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book

14009— Springs (Cushion)

Barber Mfg. Co. ("Cardinal"), Anderson, Ind.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O. *See adv index at end of book*
D'Arcy Spring Co. ("Century"), Kalamazoo, Mich.
Jackson Cushion Spring Co. ("Rough Rider," "Advance"), Jackson, Mich.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller Wire Spring Dept., Bridgeport Chain Co., Bridgeport, Conn.
Miller & Van Winkle ("Eagle"), 18 Bridge, Brooklyn, N. Y.
National Spring & Wire Co. ("Black Velvet," Spiral Wire for Autos, Carriages, etc), Albion, Mich.
New York Wire & Spring Co. (Automobile, etc), 588 Washington, New York
Staples & Hanford Co., Newburgh, N. Y.
Trenton Spring Mattress Co. ("Excelsior," "Lace Web," "T. I. C." Sectional Auto & Carriage), Trenton, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Willys-Overland Co., (Automobile), Brown & Indiana, Toledo, O.

14009a— Springs (Dobby)

BARNES, THE WALLACE CO., 18 Wallace, Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14010—Springs (Door, Coil, Etc.)

See also Checks, Screen Door; also Door Checks & Springs

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Arcade Mfg. Co ("Warner"), Freeport, Ill.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Boenck-Lueck Co. ("Simplicity"), 71 W Water, Milwaukee, Wis.
Bommer Spring Hinge Co. ("Spiral"), 263 Classon av, Brooklyn, N. Y.
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Spring Butt Co. ("Chicago," "Reliance"), 1500 Carroll av, Chicago, Ill.
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Columbian Hardware Co. ("Gem" & "Star" Spiral, "Torrey" Rod), Cleveland, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Frantz Mfg. Co., Sterling, Ill.
Hayward S. F. & Co. (Engine House), 250 W 54th, New York
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Reading Hardware Co. (Coiled Wire, etc), Reading, Pa.
Reading Saddle & Mfg. Co. (Coil Wire), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sabin Machine Co., Montpelier, Vt
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. ("Perfect"), Sharon, Pa.
Stanley Works (Screen Door), New Britain
See adv index at end of book
Wagner Mfg. Co. ("Wagner" Coil), Cedar Falls, Ia.
Wickwire Spencer Steel Corp. ("Perfection" & "Morgan"), Worcester, Mass.
See adv index at end of book
Wire Goods Co. ("Perfection"), Worcester, Mass.

14011— Springs (Draft)

Beecher Draught Spring Co. ("Beecher" Safety), New Haven, Conn.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Chruch, New York
Tanner D. F. ("Holland," Trace or Draft Springs), Holland, N. Y.
UNION SPRING & MFG. CO. (Friction, etc), 1211 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wilson Robert P. ("Mogul"), 320 Market, Newark, N. J.

14011a—Springs (Electrical Instrument)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
NATIONAL SPRING CO., THE, 689 Kent av, Brooklyn, N. Y.
PECK SPRING CO., Plainville, Conn.
See adv index at end of book

14012— Springs (Elliptic)

Cary Spring Works, 240 W 29th, New York
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cooper Spring Co., Leader News bldg, Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Delany Daniel & Son, Hamilton Newark, N. J.
Farist Steel Co. (For Railroad Cars), Bridgeport, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Insull Thomas, 1439 Hutchinson, Philadelphia, Pa.
Kalamazoo Spring & Axle Co. (For Farm
Keystone Spring Works, 13th & Button-Wagon Seats), Kalamazoo, Mich.
wood, Phila., Pa.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Merrill E R. Spring Co., 530 W 24th, New York
Pittsburgh Spring & Steel Co. (Car, Locomotive & Traction Car), Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Rowland Wm. & Harvey (Inc.), Tacony & Lewis, Philadelphia, Pa.
Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
Shuler W. S. Spring Co., Amsterdam, N. Y.
Standard Parts Co., Cleveland, Ohio
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.
Taylor Electric Truck Co. ("Taylor Made"), Troy, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York

14013-14—Springs (End Gate)

Gogel Mfg. Co. (For Wagon Builders), Toledo, O.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14015—Springs (Extension & Compression)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made," All Kinds), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc. (Small Flat), 103-105 Mott, New York
See adv index at end of book

The Coil Spring Co., Inc.
Manufacturers of
SPRINGS of every description.
Springs for automobiles, machinery, mechanical devices, electrical appliances and for any special purpose.
103-105 Mott St., New York

Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Fischer Chas. Spring Co. (Small Flat), 240 Kent av, Brooklyn, N. Y.
Fort Pitt Spring & Mfg. Co. Pittsburgh, Pa.
Hubbard M. D. Spring Co., Pontiac, Mich.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
LEE SPRING CO., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle ("Eagle"), 18 Bridge, Brooklyn, N. Y.
National Spring Co., The, 689 Kent av, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers **Bank bldg, Pittsburgh, Pa.**
Railway Steel Spring Co., 30 Church, New York
Reliance Spring Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Fish Plate)

See Lock Nuts & Washers

14016— Springs (Flat)

American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes Made," Small & of Every Description), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
DUNBAR BROTHERS CO. ("Dunbar Springs," Small, for All Purposes), Bristol, Conn.
See adv index at end of book
Hubbard M. D. Spring Co., Pontiac, Mich.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14017—Springs (Friction Draft)

See also Springs, Draft

Crucible Steel Co. of America, Oliver bldg, Pittsburgh Pa.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Frost Railway Supply Co. ("Harvey"), Penobscot bldg, Detroit, Mich.
Lee Spring Co., 353 Classon av Brooklyn, N. Y. *See adv index at end of book*
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14018—Springs (Furniture & Upholstering)

American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Fort Pitt Bedding Co., Dept. H, Liverpool & Preble av, Pittsburgh, Pa.
Foster Bros. Mfg. Co., Utica, N. Y.
Jackson Cushion Spring Co., Jackson, Mich.
Lewis-Weller Mfg. Co., Utica, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Schwing R. I. Co., Inc., Plaquemine, La.
Snell Chas. W. Co. (Fibre Upholstery), 321 S Jefferson, Chicago, Ill.
Staples & Hanford Co., Newburgh, N. Y.
Trenton Spring Mattress Co., Trenton, N. J.
Vincent-Alward Co., Kenosha, Wis.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Gate)

See Springs, Door; also Spring, Coil or Spiral

14019— Springs (Governor)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, **Cleveland, O.**
Dunbar Bros. Co. ("Dunbar Springs"), **Bristol, Conn.**
See adv index at end of book
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Jamestown Car Parts Mfg. Co., **Jamestown, N. Y.**
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Springfield Spring Co., Springfield, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Grain Drill)

See Springs, Agricultural Implement

14019a— Springs (Gun)

BARNES, THE WALLACE CO. ("Barnes Made" Wire, Flat & Milled), 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14020— Springs (Hair)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Manross F. N. & Sons ("Manross" Non-Magnetic for Marine Clocks, Steam Gauges, Electrical Instruments, etc), Forestville, Conn.
PECK SPRING CO., Plainville, Conn.
See adv index at end of book
Reisner W. H. Mfg. Co. Inc., Hagerstown, Md.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14021— Springs (Helical)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Chatillon John & Sons (Steel), 85H Cliff, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa., & Hobart Bldg, San Francisco, Cal.
Foster Bros. Mfg. Co., Utica, N. Y.
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Manross F. N. & Sons, Forestville, Conn.
New York Wire & Spring Co., 588 Washington, New York
PECK SPRING CO., Plainville, Conn.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14022— Springs (Hinge)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith Co. (Small), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
PECK SPRING CO., Plainville, Conn.
See adv index at end of book

14022a—Springs (Ignition, Starting and Lighting)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Humason Mfg. Co., Forestville Station, Bristol, Conn.
PECK SPRING CO., Plainville, Conn.
See adv index at end of book

14022b—Springs (Legging)

Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Reisner W. H. Mfg. Co., Hagerstown, Md.
Stimpson Edwin B. Company, 852 Kent av, Brooklyn, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Springs (Locomotive)

See Springs, Car

14023— Springs (Loom)

BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Lee Spring Co. 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Disston Hy. & Sons, Tacony, Phila., Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14024— Springs (Machinery)

See also Springs, Agricultural Implement

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith Co. (Small), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Guyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Eureka Spring Co., 150 Bleecker, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.

Gibson Wm. D. Co. (Gas Engines), 1800 Clybourn av, Chicago, Ill.
Harrow Spring Co., Milwaukee, Wis.
Hebb Geo. A., 70 William, Newark, N. J.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Mattatuck Mfg. Co. (Small), Waterbury, Conn.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Flat & Spiral), 243 W 17th, New York
PECK SPRING CO., Plainville, Conn. *See adv index at end of book*
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Sabin Machine Co., Montpelier, Vt.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co. (Coil), New Kensington Pa.
Vose Spring Co., 150 Bleecker, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14025—Springs (Oil Tempered)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York.
Barnes The Wallace Co., 18 Wallace, Bristol, Conn. *See adv index at end of book*
Cary Spring Works, 240 W 29th, New York
Chatillion Jno. & Sons, 85 Cliff, New York
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
LEE SPRING CO., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Flat & Spiral), 243 W. 17th, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Reliance Spring & Mfg. Co., Inc., 2910 2nd av, Brooklyn, N. Y.
Sabin Machine Co., Montpelier, Vt.
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14026— Springs (Organ)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
BARNES, THE WALLACE CO. ("Barnes-Made"), Bristol, Conn. *See adv index at end of book*
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
DUNBAR BROTHERS CO. ("Dunbar Springs" & Piano), Bristol, Conn. *See adv index at end of book*
Humason Mfg. Co. (Also Piano), Forestville Station, Bristol, Conn.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Sabin Machine Co., Montpelier, Vt.
Waterbury Hair Spring Co., Waterbury, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14026a— Springs (Phonograph)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
BARNES, THE WALLACE CO. ("Barnes-Made"), Bristol, Conn. *See adv index at end of book*
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14027—Springs (Phosphor Bronze)

American Spiral Spring & Mfg. Co., 56th A. V. R. R., Pittsburgh, Pa.
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Humason Mfg. Co., Forestville Station, Bristol, Conn.
LEE SPRING CO., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Springfield Spring Co., Springfield, Ohio
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14028—Springs (Pipe Bending)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. ("Perfect"), 1281 E 38th, Cleveland, O.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Raymond Mfg. Co. (Ltd.), (Plumbers'), Corry, Pa.
Springfield Spring Co., Springfield, Ohio
Starbuck R. M. & Sons ("Starbuck"), Hartford, Conn.
Vose Spring Co., 150 Bleecker, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14029—Springs (Pop Valve)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Ulmer J. C. Co. ("Lucas" Steel), 1791 E 38th, Cleveland, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14030—Springs (Refrigerator Door)

Cary Spring Works, 240 W 29th, New York
Coil Spring Co. Inc., 103-105 Mott, New York *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
National Refrigerator Co., 827 Koeln av, St. Louis, Mo.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14031— Springs (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Combination Rubber Mfg. Co. (Wagon, Car, etc), Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Matteson Rubber Co., Lodi, N. J.
Mercer Rubber Co. (Car Cylinder, Wagon, etc.), Hamilton Sq, N. J.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Plymouth Rubber Co., Canton, Mass.
Quaker City Rubber Co. (Car, etc), 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Standard Woven Fabric Co., Walpole, Mass.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 B'way, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

14032—Springs (Rubber Channeler)

Boston Belting Corp., 84 Linden Park, Boston, Mass.

14033—Springs (Screen Door)

Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Lawrence Bros., Sterling, Ill.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
National Mfg. Co., Sterling, Ill.
New York Wire & Spring Co., 588 Washington, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14034— Springs (Small)

AMERICAN STEEL & WIRE CO., Commercial Nat'l Bank bldg, Chicago, Ill. *See adv index at end of book*
Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Barnes The Wallace Co., 18 Wallace, Bristol, Conn. *See adv index at end of book*
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
D'Arcy Spring Co. (Cushion), Kalamazoo, Mich.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Girard Model Works, Girard, Pa.
Hubbard M. D. Spring Co., Pontiac, Mich.
Humason Mfg Co. (Spiral), Forestville Station, Bristol, Conn.
Jackson Cushion Spring Co. (Seat & Back Springs), Jackson, Mich.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Manross F. N. & Sons (Hair), Forestville, Conn.
National Spring & Wire Co., Albion, Mich.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc., 243 W 17th, New York
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Railway Steel Spring Co., 30 Church, New York
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Springfield Spring Co., Springfield, Ohio
Trenton Spring Mattress Co., Trenton, N. J.
Union Spring & Mfg. Co., New Kensington, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wing Chas. Co. (Cushion), Amesbury, Mass.

Springs (Spiral)

See Springs, Coil or Spiral

14035—Springs (Steam Gauge)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn. *See adv index at end of book*
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn. *See adv index at end of book*
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Manross F. N. & Sons (Hair), Forestville, Conn.
Peck Spring Co., Plainville, Conn. *See adv index at end of book*
Wells A. H. & Co. ("Bourdon"), Waterbury, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14036—Springs (Switch & Signal)

Barnes, The Wallace Co., 18 Wallace, Bristol, Conn. *See adv index at end of book*
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*

SPRINGS (SWITCH & SIGNAL)—continued
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Union Spring & Mfg. Co., New Kensington, Pa.
Union Tool Co. (Dies), 299H Norton, Rochester, N. Y.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

14037— Springs (Torsion)

AMERICAN STEEL & WIRE CO. (Round Wire, Square Steel, etc), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
DUNBAR BROTHERS CO. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Humason Mfg. Co., Forestville Station, Bristol, Conn.
LEE SPRING CO., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
PECK SPRING CO., Plainville, Conn.
See adv index at end of book
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14038—Springs (Track Scraper)

Harrow Spring Co., Milwaukee, Wis.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*

14038a— Springs (Tractor)

Barnes The Wallace Co., 18 Wallace, Bristol, Conn.
See adv index at end of book
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Standard Parts Co., Cleveland, O.

14039— Springs (Trolley)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. (Wire), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Dunbar Brothers Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Eureka Spring Co., 150 Bleecker, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

Springs (Valve)

See Springs, Coil or Spiral

14040—Springs (Vanadium Steel)

Austin & Smith, 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Crucible Steel Co. of America (Agricultural Car, Coil, Draft, Elliptic, Helical, Oil Tempered, etc.), Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Gibson Wm. D. Co. (Small Spiral & Special), 1800 Clybourn av, Chicago, Ill.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
LEE SPRING CO., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle (Small Spiral & Special), 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Palmer Jos. (Automobile, Carriage, Wagon & Railroad), 333 Rutherford av, Boston, Mass.
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Penn Spring Works (Automobile), Baldwinsville, N. Y.
Pittsburgh Spring & Steel Co. (Coil, Leaf, Locomotive, Car & Special), Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Raymond Mfg. Co. (Ltd.) (Small Coil & Special), Corry, Pa.
Rowland Wm. & Harvey (Inc.) (Automobile, etc.), Tacony & Lewis, Phila., Pa.
Springfield Spring Co., Springfield, O.
Standard Parts Co., The, Cleveland, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14041-2— Springs (Window)

Austin & Smith (Small), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
See adv index at end of book
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
STANLEY WORKS ("Sweet's" & "Jenk's"), New Britain, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14043— Springs (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Austin & Smith (Small), 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
BARNES, THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), (Brass, Bronze, Steel & Piano Wire), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York
Cleveland Wire Spring Co. (Oil Tempered, etc), 1281 E 38th, Cleveland, O.
Coil Spring Co. Inc., 103-105 Mott, New York. *See adv index at end of book*
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Dellenbarger, C. E. Co., Joliet, Ill.
DUNBAR BROTHERS CO. ("Dunbar Springs," Clock, etc.), Bristol, Conn.
See adv index at end of book
FISCHER CHAS. SPRING CO., 240 Kent av, Brooklyn, N. Y.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Foster Bros. Mfg. Co., Utica, N. Y.
Gardner Wire Co. (Coil, All Kinds Made From Round & Square Wire), 520 N. Parkside av, Chicago, Ill.
Gaynor Mfg. Co. (Spiral), Bridgeport, Conn.
Goetz Chas. & Co., 2548 S Kedzie av, Chicago, Ill.
Humason Mfg. Co., Forestville Station, Bristol, Conn.
Illinois Spring & Stamping Co. (Spiral, etc), 2341 N Keystone av, Chicago, Ill.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Ludlow Saylor Wire Co., 319H Pine, St. Louis, Mo.
Manross, F. N. & Sons (Hair), Forestville, Conn.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
National Spring & Wire Co. ("Black Velvet" Cushion & Black Auto & Carriage, etc), Albion, Mich.
National Spring Co., The, 689 Kent av, Brooklyn, N. Y.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Sabin Machine Co., Montpelier Vt.
Springfield Spring Co., Springfield, O.
Standard Wire Spring Co., Cleveland, O.
Tuck Mfg. Co., Brockton, Mass.
Union Spring & Mfg. Co., New Kensington, Pa.
Washburn Wire Co. (Clock, etc), Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

14044—Sprinklers (Automatic Fire)

Associated Automatic Sprinkler Co. ("Associated"), 2216 Vine, Philadelphia, Pa.
Automatic Fire Alarm Co., 416 B'way, New York
Automatic Sprinkler Co. of America ("Manufacturers," "Niagara"), 122 William, New York
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Barth L. & Son (Dirs.), H, Cooper sq, New York
Chicago Bridge & Iron Wks., 2105 Old Colony bldg, Chicago, Ill.
See adv index at end of book
Conran Standpipe Co., 305 Pearl, New York
Crowder Bros., 2013 Locust, St. Louis, Mo.
Daly M. J. & Sons (Engineers for Installation, etc.), Waterbury, Conn.
Esty Sprinkler Co., Laconia, N. H.
Fire Protection & Equipment Co., 23 Minna, San Francisco, Cal.
General Fire Extinguisher Co. ("Grinnell"), Providence, R. I.
Globe Automatic Sprinkler Co. ("Globe"), 2035H Washington av, Phila., Pa.
Independent Sprinkler Co., Phila., Pa. (See Independent Aetna Sprinkler Co.)
International Sprinkler Co., 123 William, New York
Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO. 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Rhode Island Supply & Sprinkler Co., 156 West Exchange, Providence, R. I.
Rockwood Sprinkler Co. ("Rockwood Sprinkler Systems"), Worcester, Mass.
Simmons John Co., 110 Centre, New York
See adv index at end of book
U. S. Automatic Sprinkler Co., 1392 Lexington av, New York
Vogel H. G. Co. ("Esty"), 15 W 37th, New York

14045— Sprinklers (Clothes)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

14046— Sprinklers (Coal)

Franklin Railway Supply Co. (Railroad), 30 Church, New York
Nathan Mfg. Co., 416 E 106th, New York

14047-8—Sprinklers (Hose, Etc.)

Almirall & Co., 1 Dominick, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Buffum Tool Co. ("Swastika" Rose Head, for Hose), South Side, Louisiana, Mo.
Electric Hose & Rubber Co. ("Electric," "Improved Electric," "Mist," "Onoko," "Tamaqua," "Tarrapin"), 12th & Dure, Wilmington, Del.
Elkhart Brass Mfg. Co. ("Hoosier" & "Acme" & "Elk"), Elkhart, Ind.
Nelson, L. R. ("Crescent"), 1810 S Washington, Peoria, Ill.
Thompson Mfg. Co., Los Angeles, Cal.

14049— Sprinklers (Keg)

Danner Adam Co., Yonkers, N. Y.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

14050— Sprinklers (Park)

Clow Jas. B. & Sons (Arm Revolving Spray, etc.), Franklin & Harrison, Chicago, Ill.
Reade & McKenna, 614 60th, B'klyn, N. Y.
Spray Engineering Co. ("Boston Giant"), 60 High, Boston, Mass.

14051—Sprinklers (Plant, Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.
Scolley John A., 74 Myrtle av, Brooklyn, N. Y.

14052— Sprinklers (Potato)

Aspinwall Mfg. Co., Jackson, Mich.
Peppler Thomas Son & Co., (Two Row), Highstown, N. J.
Potato Implement Co. (Compressed Air, Knapsack Powder Guns, etc), Traverse City, Mich.

14053— Sprinklers (Sand)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
American Seeding Machine Co., Springfield, O.
Haass Chas. & Co., 511 E 18th, New York

Sprinkling Cars (Street Railway)

See Cars, Sprinkling, Street Railway

14053a—Sprockets (Compensating)

Morse Chain Co., Ithaca, N. Y.

14054— Sprockets (High Speed Chain)

American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
GRANT GEAR WORKS, Pearl & Purchase, Boston, Mass.
See adv index at end of book
LINK-BELT COMPANY ("Link-Belt"), 300 W 39th, Chicago, Ill.
See adv index at end of book
MORSE CHAIN CO ("Morse"), Ithaca, N. Y.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Union Gear & Machine Co., Purchase, Boston, Mass.
Whitney Metal Co. ("Whitney"), Hartford, Conn.

14054a—*Sprockets (Manganese Steel)

Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14055—Sprockets (Motor Cycle & Bicycle)

Grant Geor Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Great Western Mfg. Co., La Porte, Ind.
Hydraulic Pressed Steel Co., 3152 E 61st, Cleveland, O.
Parish & Bingham Co., Madison av & W 106th, Cleveland, O.

14056—Sprockets (Roller & Block Chain)

Brown-Lipe-Chapin Co., Syracuse, N. Y.
Colburn Gear & Mfg. Co. Inc., 1 Woodworth, Dorchester, Boston, 22, Mass.
See adv index at end of book
Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Grant Gear Works, Pearl & Purchase, Boston, Mass.
See adv index at end of book
Janney & Co., Montgomery, Ala.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Stevenson Gear Co., 942 Daly, Indianapolis, Ind.
Union Chain & Mfg. Co., Seville, Ohio
Union Gear & Machine Co., 27 Purchase, Boston, Mass.

14056a—*Sprockets (Silent Chain)

Grant Gear Works, Pearl & Purchase, Boston, Mass. *See adv index at end of book*

14057— Spuds (Bark)

American Axe & Tool Co., Glassport, Pa.
American Logging Tool Co., Evart, Mich.
Ransome Concrete Machinery Co., Dunellen, N. J.
Romer Axe Co., Dunkirk, N. Y.
Warren Axe & Tool Co., Warren, Pa.
White G. Axe Co., Honesdale, Pa.

14058-9— Spuds (Closet)

Trenton Brass & Machine Co. ("Sanitas," "Eureka," "Maddock"), Trenton, N. J.

14060— Spuds (Lawn)

Union Fork & Hoe Co. (Steel Blade Dandelion), Columbus, O.
Wagner Mfg. Co. ("Wagner" Lawn Spud & Transplanter), Cedar Falls, Ia.

14061— Spurs (Horse)

Buermann August Mfg. Co., 220 Jeliff av, Newark, N. J.
Elbel Co., Canton, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14062—Spurs & Points (Ladder)

Auer John Jr. (Wrought Steel), 197 Middleton, Brooklyn, N. Y.
Safety First Supply Co., 107 Third av, Pittsburgh, Pa.

14063— Squares (Bevel)

Disston Henry & Sons, Tacony, Phila., Pa.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14064— Squares (Caliper)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14065— Squares (Center)

Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14066—Squares (Combination)

Athol Mach. & Foundry Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Crookston Tool Co. ("A. B. C." Protector Square), Crookston, Minn.
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. (Carpenters, etc), Greenfield, Mass.
Robinson M. W. Co. ("Rollis"), 296 B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.

14067—Squares (Iron & Steel)

Breul Fred G. ("Fox's" All Steel Carpenters'), Bridgeport, Conn.
Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.
Cassady, Fairbank Mfg. Co. (Steel Only), 6126 S La Salle, Chicago, Ill.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Disston Hy. & Sons, Tacony, Phila., Pa.
Eagle Square Mfg Co. (Carpenters), S. Shaftsbury, Vt.
Elbel Co. (Halter & Bridle), Canton, Ohio
Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.
Igoe Brothers (Steel Twisted & Plain), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jennings C. E. & Co., 71 Murray, New York
Nicholls Mfg. Co. ("Eureka" Framing Take-Down, Ottumwa, Ia.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Simplex Tool Mfg. Co., Woonsocket, R. I.
Southington Hardware Co. (Carpenters), Southington, Conn.
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Stanley Rule & Level Co., New Britain, Conn.

14068—Squares (Machinists')

Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Hy. & Sons (Inc.), Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

14069— Squares (Protractor)

Crookston Tool Co. ("A-B-C"), Crookston, Minn.

14070-1—Squares (Rafter & Framing)

Sargent & Co., New Haven, Conn.

14072—Squares (Sliding Blade)

Goodell-Pratt Co., Greenfield, Mass.

14073— Squares ("T")

American Drafting Furniture Co. ("American" Automatic), 129 Mill, Rochester, N. Y.
Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Deane E. L. Machine Co. ("Deane's), Holyoke, Mass.
Defiance Mfg. Co., 22 E. 41st, New York
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Disston Henry & Sons, Tacony, Phila, Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
See adv index at end of book
Emmert Mfg. Co. ("Emmert" Vertical), Waynesboro, Pa.
Irving Robert M. ("Arrow"), Syracuse, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book
Welch T. F. Co. (Steel Blade), 55 Sudbury, Boston, Mass.

14074— Squares (Tailors')

Kerby & Bro., 51 Fulton, New York
Lufkin Rule Co., Saginaw, Mich.
Magee & Richards, 223 Grand, New York

14075—Squares (Take-Down)

Nicholls Mfg. Co. ("Nicholls"), Ottumwa, Ia.
Peck, Stow & Wilcox Co. ("P. S. & W. Samson"), Southington, Conn.
Southington Hardware Co. ("Standard"), Southington, Conn.

14076—Squares (Try & Mitre)

Atkins E. C. & Co., Indianapolis, Ind.
Brown & Sharpe Mfg. Co. (Try Only), Providence, R. I.
Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. (All Steel), Greenfield, Mass.
Nicholls Mfg. Co. (Bevel-Try), Ottumwa, Ia.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Southington Hardware Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14077— Squeezers (Germ)

Love Brothers, Aurora, Ill.

14078— Squeezers (Lemon)

Arcade Mfg. Co. ("Arcade" Stationary, "Champion" Stationary, "Perfect" "Union," "Drum Pattern" & "X-Ray"), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Fanning J. P. ("Fanning"), 678 Jefferson av, Brooklyn, N. Y.
Gilchrist Co. ("Linden," Aluminum, Porcelain & Wood), 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.
Hart H. C. Mfg. Co. ("Easy"), Unionville, Conn.
Hills Edwin, Plainville, Conn.
Landers, Frary & Clark ("Little Giant," "Crown" & "L. F. C."), New Britain, Conn.
Nicol & Co. ("World's Fair"), 218 N Jefferson, Chicago, Ill.
Parker Chas. Co., Meriden, Conn.
Redlich Mfg. Co., (Aluminum Wooden Bowl and All Wood), 637 to 647 W Oak, Chicago, Ill.
Richardi & Bechtold (Wood), Bellaire, Mich.
Rocky Hill Hardware Co. ("Leader"), Rocky Hill, Conn.
Silver & Co. (Aluminum & Glass, etc), 304 Hewes, Brooklyn, N. Y.
Sommer John Faucet Co. (Wooden, etc), 30 Morris av, Newark, N. J.
Stover Mfg. & Engine Co., Freeport, Ill.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.
Tucker & Dorsey Mfg. Co. (Wooden), Indianapolis, Ind.
Union Porcelain Works (Iron Frame, Porcelain Ball & Bowl), 300 Eckford, Brooklyn, N. Y.
Williams A. C. Co. ("Pearl," "Boss," "Ideal," "Model," "Wallace"), Ravenna, O.
Wrightsville Hardware Co. ("L. & S. I. Co.," "Brighton"), Wrightsville, Pa.

14078a—*Squeezers (Puddle Ball)

Philadelphia Roll & Machine Co., 25th & Washington, Phila, Pa.

14079— Squeezers (Rotary)

Danville Foundry & Machine Co., Danville, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburgh, Pa.

14080— Squibs (Electric)

See also Blasting Supplies

Atlas Powder Co., Wilmington, Del.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Giant Powder Co. Cons., San Francisco, Cal. *See adv index at end of book*
Hercules Powder Co. ("Powell's" & "D. & B."), Wilmington, Del.

14081— *Squibs (Gas)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*

14082— Squibs (Miners')

See also Blasting Supplies

Atlas Powder Co., Wilmington, Del.
Blue Label Safety Squib Co., Plymouth, Pa.

DOVER BOILER WORKS

STACKS and TANKS

GENERAL STEEL PLATE CONSTRUCTION

Sales Office: 40 Church Street, New York **Works: Dover, N. J.**

SQUIBS (MINERS') —continued

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington Del. *See adv index at end of book*
Giant Powder Co. Cons., San Francisco, Cal. *See adv index at end of book*
Hercules Powder Co. ("D. & B."), Wilmington Del. *See adv index at end of book*
Howells Mining Drill Co., Plymouth, Pa.
Miners' Supply Co. ("Daddow & Beadles"), St. Clair, Schuylkill Co., Pa.
Powell Jno. R. ("Powell"), Plymouth, Pa.
Star Electric Fuse Works ("Star" Electric), Wilkes-Barre, Pa.

14082a— *Squibs (Sulphur)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington Del. *See adv index at end of book*

14083—Stabilizer (Ship & Aeroplane)

Green Aeronautical Co., Elyria, O.
Sperry Gyroscope Co. (Ship only), 40 Flatbush av, Brooklyn, N. Y.

14084— Stable Fixtures

Those who Manufacture a Full Line, such as Stalls, etc, are indicated by a §

Barber Mfg. Co. (Cast Iron Feed Boxes, Cesspools, Hay Racks, etc), Ashtabula, O.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Broad Gauge Iron Works, 77 Port, Boston, Mass.
§Buch's A. Sons Co. (Make Full Line), Elizabethtown, Pa.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.
Central Foundry Co. (Cast Iron Feed Boxes, Hay Racks, Drains, etc), 90 West, New York
Chapman Wm. O. Co., 30 Church, New York
§Cheney S. & Son (Hay Racks, Mangers, etc.), Manlius, N. Y.
Columbia Iron & Wire Works Co., Canton, Ohio
Creswell Samuel J. Iron Works, 23d & Cherry, Phila, Pa.
§**FISKE J. W. IRON WORKS,** 111 Park pl, New York
Ginther's J. Sons Co., Buffalo, N. Y.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Glenn Fred E. (Cesspools, Gutters, etc), St. Charles, Ill.
Harriman Mfg. Co. (Full Line), Harriman, Tenn.
Hickey M. H., 36 W Randolph, Chicago, Ill.
Hitzeroth Edward, 3124 Market, Phila., Pa.
James Mfg. Co. ("James" Steel), Fort Atkinson, Wis.
§Jones Willis H., Utica, N. Y.
Libby C. A. Co., (Horse Stalls), Oshkosh, Wis.
Loewer John E. Co., Wire & Iron Works, 914 Campbell, Kansas City, Mo.
McLaren Iron Works Co., Cleveland, O.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Mitchell Mfg. Co., Milwaukee, Wis.
§Mott J. L. Iron Works, Trenton, N. J.
National Iron & Wire Co., Cleveland, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Plocher Andrew Sons Co., Dayton, O.
Quick & Thomas Co., Auburn, N. Y.
Rockford Steel Fixture Co. (All Steel Sanitary), Rockford, Ill.
Sanitary Co., Dept. H, Linfield, Pa.
§Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
§Smyser-Rover Co., York, Pa.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Swett A. L. Iron Works, 145 Glenwood av, Medina, N. Y.
Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
Youngstown Wire & Iron Co., Youngstown, O.

14085—Stable or Stall Floors

Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, O.
Fleming & Co. (Adamantine Clinker Brick), 253 B'way, New York
Kettle River Co., Madison, Ill.
Schouler Cement Construction Co. (Sanitary), 154 Frelinghuysen av, Newark, N. J.
Smith F. P. Wire & Iron Works ("Smith" Improved Stall), 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

14086— Stackers (Alfalfa)

Emerson-Brantingham Co. ("E. B." Swinging & Overshot), Rockford, Ill.
Hay Tool Mfg. Co., Council Bluffs, Ia.
International Harvester Company of America (Inc.), (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Whitnall Co., Plainville, Conn.

14087— Stackers (Hay)

Acme Harvesting Machine Co., Peoria, Ill.
Anderson Co., 2324 University av, St. Paul, Minn.
Barley Thos. K., Sedalia, Mo.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kans.
Dain Mfg. Co. (Automatic), Ottumwa, Ia.
Emerson-Brantingham Co. ("E. B." Swinging & Overshot), Rockford, Ill.
Fleming & Sons Mfg. Co. (Swinging), Huntsville, Mo.
Garden City Feeder Co. ("Pella"), Pella, Iowa
Harrison Machine Works (Pneumatic), Belleville, Ill.
International Harvester Company of America (Inc.), (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kansas City Hay Press Co., Kansas City, Mo.
Kouns Wesley, Salina, Kans.
Louden Machinery Co., Fairfield, Iowa
O'Neil T. L. ("Lewis"), Marseilles, Ill.
Orndorff O. F. Council Bluffs, Iowa
Plattner Yale Mfg. Co., Lincoln, Neb.
Stalcup E. L., Unionville, Mo.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Swanson Plow Co., Muskogee, Okla.
Walker Mfg. Co., Council Bluffs, Ia.
Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

14088— Stackers (Lumber)

Filer & Stowell Co. (Automatic for Stacking Lumber on Tram Cars for Dry Kilns), Milwaukee, Wis.
Soule Steam Feed Works, Meridian, Miss.

14089— Stackers (Paper)

Erie Lay Boy Co. ("Lay Boy"), Erie, Pa.

14090— Stacks (Book)

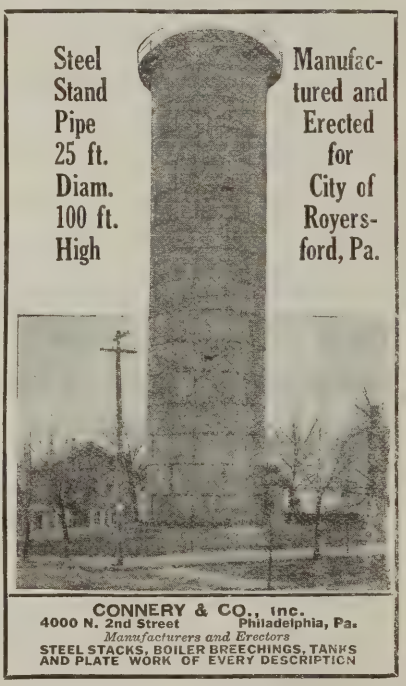
See also Library Shelving & Fittings, Metallic

Art Metal Construction Co. (Bracket, Library Steel), Jamestown, N. Y.
Snead & Co. ("Snead" Metallic Library Standard & Bracket), Jersey City, N. J.

14091— Stacks (Steel)

See also Chimneys, Various Kinds; also Boilers, Tubular

Abendroth G. Irving Co. (Inc.), 10 E 43d, New York
Allen Wm. Sons Co., Worcester, Mass.
Allentown Boiler Works, Allentown, Pa.
American Bridge Co., 30 Church, New York
Baltimore Dry Dock & Ship Bldg. Co., Ft. East Fort av, Baltimore, Md.
Bartlett, Hayward Co., Scott & McHenry, Baltimore, Md.
Beckley Perforating Co., Garwood, N. J.
BEGGS JAMES & CO., 30 Warren, New York. *See adv index at end of book*
Bichler Mfg. Co., St. Joseph, Mo.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Blaw Knox Co., Freeport rd, Hoboken, Pa.
Bridgeport Boiler Works Co., Bridgeport, Conn.
Bros Wm. Boiler & Mfg. Co., Nic. Island, **Minneapolis, Minn.**
Buckeye Boiler Co., Dayton, O.
California Boiler Works, 526 Howard, San Francisco, Cal.
Cambridge Iron Works, Cambridge, Mass.
Casey-Hedges Co. (Self Supporting, Guyed, etc), Chattanooga, Tenn.
Cathell Bros. & Co., Lawrence & E Fort av, Baltimore, Md.
Central Boiler Works, 1297 Russell, Detroit, Mich.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS (Self-Supporting), 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coast Culver & Flume Co., Dept. H, Kenton Station, Portland, Ore.
COATESVILLE BOILER WORKS, Coatesville, Pa.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Columbia Boiler Works, Columbia, Pa.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Columbus Steam Boiler & Heater Co., Columbus, O.
Connellsville Iron Works, Connellsville, Pa.
Connelly D. Boiler Co. (Self-Supporting), Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
CONNERY & CO. INC., 4000 N 2nd, Phila, Pa. *See adv index at end of book*



CONNERY & CO., Inc.
4000 N. 2nd Street Philadelphia, Pa.
Manufacturers and Erectors
STEEL STACKS, BOILER BREECHINGS, TANKS AND PLATE WORK OF EVERY DESCRIPTION

Cox & Sons Co., 5th & Chestnut, Phila., Pa. Works, Bridgeton, N. J.
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Daly M. J. & Sons, Waterbury, Conn.
Decatur Novelty Wks, Decatur, Ill.
Delany P. & Co., Newburgh, N. Y.
DOVER BOILER WORKS, Sales Office, 40 Church, New York (Self-Supporting & Guyed); Works, Dover, N. J. *See adv index at end of book*
Downingtown Iron Works, East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
East Jersey Pipe Corp., Paterson, N. J.
Erie City Iron Works, Erie, Pa.
Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.
Fargo Foundry Co., Fargo, N. D.
Farrar & Trefts, Inc., Buffalo, N. Y. *See adv index at end of book*
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
Franklin Machine & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.
Finch Mfg. Co., Scranton, Pa.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Franklin Machine & Steam Boiler Wks., 21 Franklin, Brooklyn, N. Y.
Freeman Mfg. Co., Racine, Wis.
Frick Grate Bar Co. (Self-Supporting), 421 Chestnut, Phila., Pa.
Geneva Boiler Works, Geneva, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Gogebic Steam Boiler Works, Duluth, Minn.
Goldner Henry Boiler & Tank Works Water & Muffin, Phila., Pa.
Graver Corp., East Chicago, Ind. *See adv index at end of book*

Graves & Marshall Co., Dayton, Ohio.
GRISCOM-RUSSELL CO. (Boiler), 92 West, New York
See adv index at end of book
Gussett Boiler Wks, 1140 Marion av, S. W., Canton, O.
Hamburg Boiler Works, Hamburg, Pa.
Hamler Boiler & Tank Co. (Self-Supporting), Dept. H, W 66th & S 60th av, Chicago, Ill.
Hammond Iron Works (Self-Supporting), Warren, Pa. *See adv index at end of book*
Harlan & Hollingsworth Corp., ft West, Wilmington, Del.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hartley Boiler Works (Self-Supporting), Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heil Co. (Self-Supporting, also Welded), 26th & Montana avs, Milwaukee, Wis.
Heilman Boiler Works, Allentown, Pa.
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Heltzel Steel Form & Iron Co. The (Smoke), Warren, O.
Hendrick Mfg. Co., Carbondale, Pa.
Hennessy Dennis, Syracuse, N. Y.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
HOLMES ROBT. & BROS., Danville, Ill.
See adv index at end of book
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
International Boiler Wks. Co., East Stroudsburg, Pa.
International Engng. Wks., Framingham, Mass.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Jarvis Engine & Machine Works, Lansing, Mich.
Joubert & Joslin Machine & Foundry Co., Birmingham, Ala.
Kansas City Structural Steel Co., Kansas City, Mo.
Kaw Boiler Works Co., Kansas City, Kans.
Keeler E. Co. (Self-Supporting), Williamsport, Pa.
Kehoe Iron Works, Savannah, Ga.
KELKER BLOWER CO. INC., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kelker Blower Co., 2883 Fillmore av, Buffalo, N. Y.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kelly Foundry & Machine Co., Goshen, Ind.
Kensington Structural Steel Co., Dept. H, Venango & G, Phila., Pa.
Kewanee Boiler Co., Kewanee, Ill.
King Bridge Co., Cleveland, O.
King F. E. Co., Norfolk, Va.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Lacy Mfg. Co., Los Angeles, Cal.
Lake Shore Engine Works, Marquette, Mich.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lasker & Minck, 220 B'way, New York
Lebanon Boiler Works, Lebanon, Pa.
Leslie Elliott & Co., Paterson, N. J.
Lewis H. B., Ferry av & G. T. Ry, Detroit, Mich.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lombard Iron Works & Supply Co., Augusta, Ga.
Long Walter Mfg. Co., 1312 Muriel, Pittsburgh, Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAllenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Engineering Co., Allentown, Pa.
McEwen Bros., Wellsville, N. Y.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Mader Bros. & Co., Lebanon, Pa.
Manitowoc Boiler Wks., Manitowoc, Wis.
Marinette Boiler Wks., Marinette, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
Meehan Boiler & Construction Co. (Self-Supporting), Lowellville, O.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Missouri Boiler & Sheet Iron Works, 23d & Paplin, St. Louis, Mo.
Montague Pipe & Steel Co., Hobart bldg, San Francisco, Cal.
Muncie Boiler & Sheet Iron Wks. (Smoke), Muncie, Ind.
Munroe R. & Sons Mfg. Co. (Iron Also), **23rd & Smallman, Pittsburgh, Pa.**
Murray Iron Works Co., Burlington, Ia.
Muskegon Boiler Works (Self-Supporting), Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
National Iron Works, Berlin & Beaufait, Detroit, Mich.
Nebraska Culvert & Mfg. Co., Wahoo, Neb.
Newbold R. S. & Son Co., Norristown, Pa.
New England Iron Works Co., Summer, Boston, Mass.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Northern Boiler & Structural Iron Works, Appleton, Wis.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Ohio Machine & Boiler Co. (Self-Supporting), 1510 University rd, Cleveland, O.
Oil City Boiler Works, Oil City, Pa.
Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.
Omaha Steel Works, Omaha, Neb.
Osborne Machine Co., Dubois, Pa.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Petroleum Iron Works Co. (Self-Supporting & Guyed), Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works, Self-Supporting), Stephen Girard bldg, Phila, Pa. Works: Lebanon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pinkerton Rachael (Est. of) Green Island, N. Y.
PITTSBURGH-DES MOINES STEEL CO. (Self Supporting), 804 Curry bldg., Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Prospect Boiler Co., New Brunswick, N. J.
Quaker City Iron Works (Self-Supporting, etc), Tioga & Richmond, Phila., Pa.
REEVES BROS. CO. THE (Self-Supporting), Alliance, O.
See adv index at end of book
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Republic Iron & Steel Co., Leader-News bldg, Cleveland, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Riter-Conley Co. (Self-Supporting), Oliver bldg, Pittsburgh, Pa.
Roberts Iron Works Co., Cambridge, Mass.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Ruggles-Coles Engineering Co., 50 Church, New York
St. Paul Boiler & Mfg. Co., Water & Walter, St. Paul, Minn.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Scannell Boiler Works, Lowell, Mass.
Schmeling & Alter, Fort Wayne, Ind.
Schmook Harry B., Springfield, Mo.
SCHOFIELD'S J. S. SON CO., Macon, Ga.
Sharkey & Peck, 2433 W 18th, Chicago, Ill.
Sinker-Davis Co., Indianapolis, Ind.
Smith Samuel & Son Co., Paterson, N. J.
Sotter Bros., Pottstown, Pa.
South Bend Spark Arrester Co., South Bend, Ind.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Sprenger Joseph & Sons, 1186 W Jefferson av, Detroit, Mich.
Springfield Boiler Co., Springfield, Ill.
Stafford Wright & Son, Lawrence, Mass.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Boiler Works, Seattle, Wash.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Standard Tank Co., 15 Park Row, New York
Steacy-Schmidt Mfg. Co., York, Pa.
Stebbins Wallace & Sons, 100 S Charles, Baltimore, Md.
Stern Foundry & Machinery Co., 1630 Annunciation, New Orleans, La.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Strandwitz & Scott, Camden, N. J.
Taylor Iron Works & Supply Co., Macon, Ga.
Thropp's, John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
Toledo Metal Manufactures Co., Michigan, Toledo, O. *See adv index at end of book*
Tomahawk Steel & Iron Works (Self-Supporting), Tomahawk, Wis.
Topeka Steam Boiler Works, Topeka, Kan.
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
TREADWELL CONSTRUCTION CO. (Self Supporting), Midland, Pa.
See adv index at end of book
Treadwell M. H. Co., 140 Cedar, New York
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Mach. Co., Tulsa, Okla.
Turl Iron & Car Co. (Inc.), (The), 50 Broad, New York. Works: Newburgh, N. Y.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Iron Works, Erie, Pa.
Union Iron Works, Hoboken, N. J.
Union Tank & Pipe Co., 2810H Santa Fe av, Los Angeles, Cal.
United Boiler Heating & Foundry Co., Hammond, Ind.
United Iron Wks., Kansas City, Mo.
Utica Steam Engine & Boiler Works, Utica, N. Y.
Vance Jas. R. (Boiler Mfrs), Geneva, N. Y.
Vance & Baker Mfg. Co., Muscatine, Ia.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Virginia Bridge & Iron Co., Roanoke, Va.
Vogt Henry Machine Co., Inc., Louisville, Ky.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Boiler & Iron Works, Springfield, Mass.
Warren City Tank & Boiler Co., Warren, Ohio
Warwick Constn. Co. (Smoke), 1048 W Harrison, Chicago, Ill.
Waterloo Mfg. Co., Waterloo, Ia.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co. (Self-Supporting), Chester, Pa.
Wholey Boiler Works, 95 Whipple, Providence, R. I.
Wickes Boiler Co., Saginaw, Mich.
Wisconsin Bridge & Iron Co., (Self-Supporting) No. Milwaukee, Wis.
Young Bros. Co., 666 Mack, Detroit, Mich.

14092— Stadia Surveying

Gurley W. & L. E. ("Beaman" Stadia Arc, etc), Troy, N. Y.

14093— Stages (Lineman's)

Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Bush Electric Co., 6654 Broadway, Cleveland, O.
Dicke Tool Co., Downers Grove, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.

14093a— Stages (Swing)

Stiles H. A. & Co., 97 Oliver, Boston, Mass.
See adv index at end of book

14094— Stain Removers

Wolf, Jacques & Co., Passaic, N. J.

14094a— *Stains (Acid)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Paint & Varnish Div.), Wilmington, Del.
See adv index at end of book

14094b— *Stains (Floor)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Paint & Varnish Section), Wilmington Del. *See adv index at end of book*

14095— Stains (Leather)

Boston Leather Stain Co., 109 Purchase, Boston, Mass.
Dennehy Bros., Brockton, Mass.

14095a—*Stains (Penetrating)

DU PONT E. I. DE NEMOURS & CO. INC. (Sales Dept., Paint & Varnish Section), Wilmington, Del.
See adv index at end of book

41095b— Stains (Varnish)

Boydell Bros. White Lead & Color Co., 432H E Lafayette, Detroit, Mich.
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Paint & Varnish Section), ("Tyfcote"), Wilmington, Del.
See adv index at end of book

Stair Builders (Iron)

See Iron Stair Builders

14096— Stair Builders' Supplies

(Stair Rails Balusters, Newel Posts, etc)

American Sash and Door Co. (Wholesale Mfrs), Kansas City, Mo.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Bering Mfg. Co. (Pine & Cypress, Wholesale Mfrs), Houston, Tex.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Brockway-Smith Corp'n, 98 Canal, Boston, Mass.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co. (Stairs Only, Wholesale Mfrs.), Keokuk, Ia.
Chicago Millwork Supply Co. (Wholesale Mfrs.),1404 W 37th, Chicago, Ill.
Curtis Bros. & Co. (Wholesale), Clinton, Ia.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Dickey A. & Co., 37 Bristol, Boston, Mass.
Dixon Lumber & Millwork Co., Weldon, N. C.
East Tacoma Mfg. Co. (Whol.), Tacoma, Wash.

STAIR BUILDERS' SUPPLIES—continued
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gauger Jno. A. & Co. (Wholesale Mfrs.), 1434 W 22d, Chicago, Ill.
Gordon, Vantine & Co., Davenport, Ia.
Gould Mfg. Co. (Wholesale), Oshkosh, Wis.
Gray's Harbor Commercial Co. (Wholesale Mfrs.), ft of 3rd, San Francisco, Cal.
Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Iowa
Huttig Mill Wk. Co., Kansas City, Mo.
Lecontour Bros. Stair Mfg. Co., 4523 Shaw, av, St. Louis, Mo.
Leuckel A. K. & Co., Trenton, N. J.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lord Lumber Co., La Grange, Ill.
McMillen R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Missouri Stair Co. (Wholesale Mfrs.), 4205 Forest Pk. blvd, St. Louis, Mo.
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.
Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
Paine Lumber Co., Ltd. (Wholesale Mfrs., for the Trade Only), Oshkosh, Wis.
Radford Sash & Door Co. (Wholesale Mfrs.), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (Wholesale Mfrs.), 920 W 20th, Chicago, Ill.
Rockwell Mfg. Co. (Wholesale Mfrs.), 572 Park, Milwaukee, Wis.
St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.
Salisbury Wood Working Co., Salisbury, Md.
Starkweather R. R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Williams & Hunting Co., Cedar Rapids, Ia.
Zimmerman Chas. E., Syracuse, N. Y.

14097— Stair Corners

Berbecker & Rowland Mfg. Co., (Brass), Waterville, Conn.
Painesville Metallic Binding Co. (Brass & Zinc), Painesville, O.
Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.

14098— Stair Nosing

American Mason Safety Tread Co. (Brass Delta Metal), Lowell, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
Dahlstrom Metallic Door Co. (Cold Drawn Any Metal), 413 Buffalo, Jamestown, N. Y.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Howell F. R. Brass Works (Brass), 122 N Franklin, Phila., Pa.
Hungerford U. T. Brass & Copper Co. (Brass & Zinc), 80 Lafayette, New York
Knapp Rubber Binding Co. ("Antislippin" Rubber), 31 E 17th, New York
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
New York Belting & Packing Co. (Rubber & Metal), 91 Chambers, New York
Painesville Metallic Binding Co. (Brass & Zinc), Painesville, Ohio
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Stolz Jas. & Son, Inc., 841 E 136th, New York
Universal Safety Tread Co. (Safety Treads), Waltham, Mass.
Zenite Metal Co. ("Alite"), Indianapolis, Ind.

14099—Stair Rails (Brass & Bronze)

Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York

14100—Stair Risers (Sheet Steel)

Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Holzer R. G. (Est. of) (Also Treads), 317 Burgundy, New Orleans, La.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Standard Steel Sections, Inc., 603 E 133rd, New York.

14101—Stair Treads (Brass)

AMERICAN MASON SAFETY TREAD CO., Lowell, Mass.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Manhattan Brass Co., 332 E 28th, New York
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Universal Safety Tread Co. (Lead Filled), Waltham, Mass.
Waterbury Brass Goods Corporation, Waterbury, Conn.

14102-3—Stair Treads (Cast Iron)

Canton Foundry & Machine Co., Canton, O.
Cheney S. & Son, Manlius, N. Y.
Concrete Steel Co., 42 Broadway, New York
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Mesker Bros. Iron Co., 421 S 6th st, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Swett A. L. Iron Works, Medina, N. Y.
Woonsocket Mach. & Press Co. ("Rockdale Mills," Corrugated), Woonsocket R. I.

14104-5—Stair Treads (Lead Filled)

American Mason Safety Tread Co., Lowell, Mass.
Concrete Steel Co., 42 Broadway, New York
Universal Safety Tread Co. (Also Alundum), Waltham, Mass.

Stair Treads (Rubber)

See Mats & Matting, Rubber

14106—Stair Treads (Safety)

American Abrasive Metals Co. ("Feralun" Metal), 50 Church, New York
AMERICAN MASON SAFETY TREAD CO. ("Mason" & "Stanwood"), Lowell, Mass.
Concrete Steel Co., 42 Broadway, New York
Euclid Stone & Brick Co. ("Non-skid" av, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Victor Rubber Co., Springfield, Ohio

14106a—Stair Treads (Soapstone)

Alberene Stone Co., 223 E 23d, New York

14107-8—Stair Threads (Wrought Steel)

AMERICAN MASON SAFETY TREAD CO. (Lead or Carborundum), Lowell, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
Concrete Steel Co., 42 Broadway, New York
Keystone Steel Co. ("Kesco" Diamond Ribbed & Checkered Pattern), H, Commercial Trust bldg, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th st, St. Louis, Mo.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Cleveland, O.
Standard Steel Sections, Inc., 603 E 133rd, New York
Trusen Steel Co., Youngstown, O.

14109— Stairs (Fireproof)

Bethlehem Fabricators Inc., Bethlehem, Pa.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Hughes-Keenan Co. (Presssed Steel), Mansfield, O.
Republic Structural Iron Works Co., E. 53d & Lakeside av, Cleveland, O.
Scranton Iron & Steel Co., Scranton, Pa.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

14109a—Stairs (Iron & Bronze)

Art Metal Construction Co. (Steel), Jamestown, N. Y.
Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Halback C. E. Co., 189-91-93 Hanker, B'klyn, N. Y.
Hecla Iron Works, 118 N 11th, B'klyn, N. Y.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
International Steel & Iron Co., Evansville, Ind.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Scranton Iron & Steel Co., Scranton, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Tyler, W. S. Co., Cleveland, O.
See adv index at end of book

14110—Stairs (Mine Escape Shaft)

Hanke Iron & Wire Works, 800 Albany av, Chicago, Ill.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.

14111— Stairways (Moving)

Alvey Mfg. Co., 3201H S B'way, St. Louis, Mo.
Chain Belt Co., 736 Park, Milwaukee, Wis.
Otis Elevator Co., 26th & 11th av, New York

14112-3—Stake Pockets for Cars

National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
Phoenix Mfg. Co. (For Log Cars), Eau Claire, Wis.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 So. Michigan, Chicago, Ill.

Stake Riveting Machines

See Riveting Machines, Stake

14114— Stakes (Cattle)

Auer Jno Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

14114a— *Stakes (Plant)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons Co., 364 5th av, New York. *See adv index at end of book*

14115— Stakes (Tinners')

Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.
Merchant & Evans, Washington av & 21st, Philadelphia, Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

14116— Stalls (Cow)

Cowmatic Corp. ("Cowmatic" Steel), Lynchburg, Va.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Hudson Mfg. Co., 324 3d av, N Minneapolis, Minn.
James Mfg. Co. ("James" Sanitary Steel), Ft. Atkinson, Wis.
Louden Machinery Co., Fairfield, Ia.
Mitchell Mfg. Co., Milwaukee, Wis.
Rossmann F. Mfg. Co., Beaver Dam, Wis.
Smith E. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Snow W. A. Iron Works (Inc.), 32 Portland, Boston, Mass.

14117-8—Stamped Parts for Cream Separators

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Bossert Corp. The, cor. Linden & West av, Utica, N. Y.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Matthews Mfg. Co., 104 Gold, Worcester, Mass.
Oakes Co., Indianapolis, Ind

14119—Stamping (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Am. Sheet Metal Stamping Corp'n, Lehigh av & Mutter, Phila., Pa.
See adv index at end of book
Autoscrew Company, 356 W B'way, New York *See adv index at end of book*
Bossert Corp. (The), cor. Linden & West av, Utica, N. Y.
Cleveland Wrought Products Co., W 58th & W & L. E. Belt Line, Cleveland, O.
Fargo E. A. Corp., Taunton, Mass.
See adv index at end of book

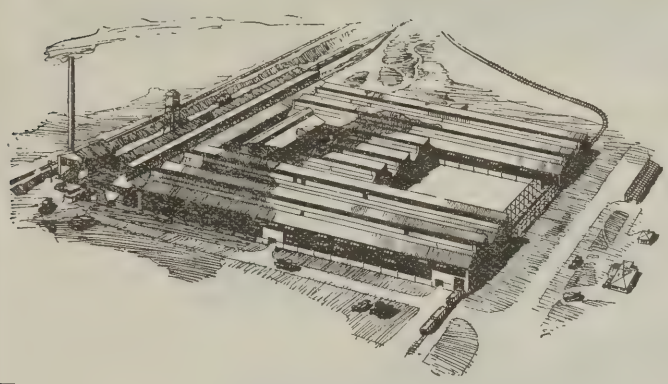
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Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Lenz Machine Wks., 199 Franklin, New York *See adv index at end of book*
Oakes Co., Indianapolis, Ind.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Sharon Steel Hoop Co., Sharon, Pa.
Standard Stamping & Die Co., 153 33rd, Brooklyn, N. Y.
Waterbury Button Corp., 331 South Main, Waterbury, Conn.
See adv index at end of book

14120—Stamping (Automobile)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book

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Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Bossert Corp. The, cor. Linden & West av, Uitca, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Clayton & Lambert Mfg. Co. (Sheet Metal Parts), 10565 Knodell av, Detroit, Mich.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
COMMERCIAL SHEARING & STAMPING CO. INC., Youngstown, O.
See adv index at end of book
Crandall Stone Div, The Brewster-Titchener Corp. ("Pioneer"), Binghamton, N. Y.
Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Erie Metal Products Co., Erie, Pa.
GASKET SUPPLY CO. (Any Kind, Any Shape, Any Material), 1837 Ludlow, Phila., Pa. *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
HARKER MFG. CO., 121-123 W Third, Cincinnati, Ohio
See adv index at end of book
HOLAN METAL PRODUCTS CO. THE, W. 40th & Clark av, Cleveland, O.
See adv index at end of book
Hubbard Pressed Steel Co., Niles, O.
Lenz Machine Wks., 199 Franklin, New York. *See adv index at end of book*
Matthews Mfg. Co., 104 Gold, Worcester, Mass.
Mullins Body Corp., Dept. H, Salem, O.
Oakes Co., Indianapolis, Ind.
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Standard Tool & Mfg. Co., 70 Lafayette blvd, Detroit, Mich.
Waterbury Button Corporation, 831 So. Main, Waterbury, Conn.
See adv index at end of book
YOUNGSTOWN PRESSED STEEL CO., Warren, O. *See adv index at end of book*

14121— Stamping (Brass)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Baltimore Tube Co., Baltimore, Md.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Bossert Corp. The, Cor. Linden & West av, Utica, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Crescent Brass Products Co., 8410H Lake av, Cleveland, O.
Electric Appliance Mfg. Co., Dept H, Waterbury, Conn.
GASKET SUPPLY CO. (All Shapes & Sizes), 1927 Ludlow, Phila., Pa.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Greer Fredric, 525 W Van Buren, Chicago, Ill.
Oakes Co., Indianapolis, Ind.
PEORIA CAN CO., Peoria, Ill.
See adv index at end of book
Pfau Mfg. Co., Mentour & Huston, Norwood, Cincinnati, O.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila, Pa.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Scovill Mfg. Co. (& Bronze to Order Only), Waterbury, Conn.
See adv index at end of book
Standard Stamping & Die Co., 153 33rd, Brooklyn, N. Y.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book
Winchester Brass & Copper Co., Winsted, Conn.

14122— Stamping (Copper)

Autoscrew Company, 356 West Broadway, New York. *See adv index at end of book*
Baltimore Tube Co., Baltimore, Md.
Bossert Corporation (The), cor. Linden & West av, Utica, N. Y.
Bridgeport, Brass Co., Bridgeport, Conn.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14122a—Stamping (Huller Scraper)

Merwin Mfg. Co., Erie Pa.

14122b—Stamping (Nickel Silver)

Autoscrew Company, 356 W Broadway, New York. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W & L E Belt Line, Cleveland, O.
Matthews H. A. Mfg. Co., Seymour, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14123—Stamping (Sheet Metal)

A-1 Metallic Products Co., 711 Canal rd, Cleveland, O.
A. & J. Mfg. Co., Binghamton, N. Y.
Acer & Whedon, Medina, N. Y.
ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Acme Die & Stamping Co., McKee's Rocks, Pa.
Acme Engineering & Mfg. Co., 355 Union Park, Ct., Chicago, Ill.
Active Spinning & Sheet Metal Works, 56 W Kinzie, Chicago, Ill.
See adv index at end of book
Adell Mfg. Co. (Light & Heavy), Orange, Mass.
Ahl Frank Z., Sheet Metal Works, Sacramento, Cal.
AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
Allsteelequip Co., Aurora, Ill.
American Automatic Device Co., 515 W Monroe, Chicago, Ill.
American Brass Products Co., Pottstown, Pa.
AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
American Instrument Works Inc., 18 E Lacock, Pittsburgh, Pa.
American Metal Works, Stenton & Rockland, Phila., Pa.
American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.
American Motor Body Co., 18th H & Lehigh av, Phila., Pa.
Am. Nut & Bolt Fastener Co. (All Kinds of Stamped Metal Specialties), 3 Ontario, Pittsburgh, Pa.
American Rivet Co., New Haven, Conn.
American Safety Lamp & Mine Supply Co., Scranton, Pa.

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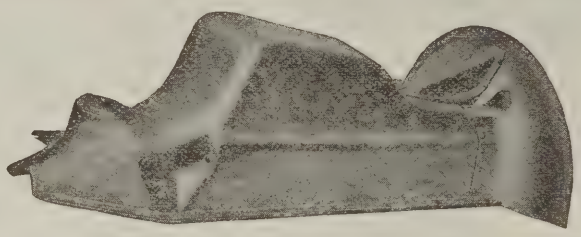
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American Steel Band Co., 886 Progress, Pittsburgh, Pa.
Am. Tube Stamping Co. (Steel), 471H Hancock av, Bridgeport, Conn.
Ansonia Mfg. Co., 15 Park Row, New York
Arwe Carl H. Mfg. Co., 1348 De Kalb av, B'klyn, N. Y.
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Atlas Tool Works (Light), 488 John, Bridgeport, Conn.
See adv index at end of book
Auto Plating & Mfg. Co., Cleveland, O.
Autoscrew Co., 356 West Broadway, New York. *See adv index at end of book*
Barcy Nicholson Co., 837 W Fort, Detroit, Mich.
Barker H. J. & Co., 101 N Jefferson, Chicago, Ill.
Barlow Co., Holyoke, Mass.
BARNES, THE WALLACE CO. (Small), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bassemir John & Son, 87 Frankfort, New York
Bassick Co., 28H Austin, Bridgeport, Conn.
Batavia Specialty Co., Batavia, N. Y.
BAY STATE STAMPING CO. (To Order), 380 Chandler, Worcester, Mass.
See adv index at end of book
Beaton & Cadwell Mfg. Co., New Britain, Conn.
Beebe W. S. Co., 338 York, New Haven, Conn.
Beaver Machine & Tool Co. Inc., 625 N 3d, Newark, N. J.
Beckley Perforating Co., Garwood, N. J.
Bedford Aluminum & Specialty Co., 4 Reade, New York
Beffel Frank Mfg. Co., Racine, Wis.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon Chicago, Ill.
Bernardin Bottle Cap Co., Evansville, Ind.
Bettcher Stamping & Mfg. Co. (Airplane, Automobile, Motor Truck & Traction Stamping), 6120 Clark av S W, Cleveland, O.
Bilton Machine Tool Co., The (& Small Drawing), Bridgeport, Conn.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, O.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Blickman Isidor, 479 First av, New York
Blickman S., Manley & Mount, Long Island City, N. Y.
Bliss A. H. & Co., No. Attleboro, Mass.
Blomfeldt & Rapp Co., 108 N Jefferson, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bossert Corp The, Cor. Linden & West av, Utica, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Boston Tool & Mfg. Co. Inc., 262 Dover, Boston, Mass.
Bowen Products Co., Divisions, Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., & Windsor, Ont, Canada *See adv index at end of book*
Bridgeport Brass Co. (Large), Bridgeport, Conn.
Bridgeport Chain Co. (Flat Only), Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Buckeye Stamping Co., Columbus, O.
Budd Edward G. Mfg. Co., 25th & Hunting Park av, Phila., Pa.
Buffalo Pressed Steel Co., 800 Kensington av, Buffalo, N. Y.
Burdick & Son., Albany, N. Y.
Burr Mfg. Co., Whitney Power blk, Cleveland, O.
Burrows Metal Mfg. Co., 521 W 23d, New York
Caldwell Tool Mfg. Co., Dept. H, Springfield, Mass.
Candler Radiator Co. (Light), Shoemaker rd & Lillibridge, Detroit, Mich.
Canister Co. of New Jersey (Tin Stamping), Phillipsburg, N. J.
Carnick Bros. Co., 113 Oak Hill av, Youngstown, Ohio
Carpenter L. A. Press Metal Co. (Brass & Steel), Cambridge, Mass.
Cassady, Fairbank Mfg. Co., 6126 S La La Salle, Chicago, Ill.
Central Machine Works, 1911 N 12th, St. Louis, Mo.
Champion Hardware Co., Geneva, O.
CHANDLER CO. (Blanking & Piercing, Light Metal), Springfield, Mass.
Chapin R. E. Mfg. Works, Batavia, N. Y.
Chicago Metal Mfg. Co., 313 S Clinton, Chicago, Ill.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Clark A. N. & Son (Nickel Finish, etc.), Plainville, Conn.
Clark-Cadle-Harmon Corp., Rochester, N. Y.
Clayton & Lambert Mfg. Co. (Large & Small), 10565 Knodell Ave., Detroit, Mich.
Cleveland Metal Products Co., 7609 Platt av & C. & P. tracks, Cleveland, O.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Stamping & Tool Co. (Also Enameled & Polished Hollow Ware), E 33rd & Hamilton, Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Coe-Stapley Mfg. Co., West Haven, Conn.
Columbia Metal Stamping Co., Cleveland, O
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
COMMERCIAL SHEARING & STAMPING CO. THE, Youngstown, O.
See adv index at end of book
Consolidated Fruit Jar Co., New Brunswick, N. J.
Consolidated Mfg. Co., Dayton, Ohio
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Cornwall Mfg. Co., Penobscot av, Cleveland, O.
Crandall, Stone Co., Division The Brewer-Titchener Corp., Binghamton, N. Y.
Crosby Co., 914H Ford bldg, Detroit, Mich.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Curtis Albert B. Worcester, Mass.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O. ***See adv index at end of book***
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Dail Steel Products Co., Lansing, Mich.
Detroit Metal Spinning Co., 197 Monroe, Detroit, Mich.
Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
Detroit Range Boiler & Steel Barrel Co., (Heavy), 619 24th, Detroit, Mich.
Detroit Stamping Co., 3445H W Fort, Detroit, Mich.
Diamond Expansion Bolt Co., 89 West, New York *See adv index at end of book*
Dickey-Grabler Wks., 118 Noble ct, Cleveland, O.
Dill Mfg. Co., 684 E 82d, Cleveland, O.
Dunn J. Edward Co., 9 Bethune, New York
Eagle Mfg. Co., Wellsburg, W. Va.
Eastern Parts Mfg. Co., 135 Spring, New York
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Elec. Appliance Mfg. Co., Dept. H, Waterbury, Conn.
Elfers Wm. R., 140 Sullivan, New York
Ellis Mfg. Co., Millidale, Conn.
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Erie Metal Products Co., Erie, Pa.
Fanner Mfg. Co., Cleveland, O.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Federal Enameling & Stamping Co., Thomson & Chartiers, Pittsburgh, Pa.
Federal Stamping Co., Holland, Mich.
Fidelity Can Co. (Tin), 600 S Caroline, Baltimore, Md.
Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
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Forsyth Metal Goods Co., E. Aurora, N. Y.
Freeman F. W. Co., 160 Portland, Boston, Mass.
Fostoria Pressed Steel Co., Fostoria, O.
Gainer F. H. Broad, Plainville, Conn.
Garrison Co., Inc., 183 John, Bridgeport, Conn.
GASKET SUPPLY CO. (To Order), 1927 Ludlow, Phila., Pa.
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Gaynor Mfg. Co., Bridgeport, Conn.
GEM MFG. CO. (Brass & Steel Stamping & Drawing), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

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GEM GUARANTEE GOOD
Brass & Steel Stamping & Drawing.
Gem Mfg. Co., Pittsburgh, Pa.

Gem Stamped Steel Co., Chelsea, Mass.
Gem Stopper Co., 2120 Nicholas, Phila., Pa.
General Mach. & Mfg., Bridgeport, Conn.
General Metal Products Co., 2400H S Jefferson, St. Louis, Mo.
General Pressed Metal Co., 1524 N Hancock, Phila., Pa.
Genesee Plating Works, Rochester, N. Y.
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gier Pressed Steel Co., Lansing, Mich.
Gillespie Machine Co., Phipps Pur. bldg, Pittsburgh, Pa.
Globe Machine & Stamping Co. (Heavy for Automatic, Deep Drawing, etc), 1250 W 76th, Cleveland, O.
Goepel C. F. & Co., 137 E 13th, New York
Grabler Mfg. Co., Cleveland, O.
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*
Gray Peter & Sons, Inc., 286 3rd, East Cambridge, Mass.
GREAT LAKES PRESSED STEEL CORP., 1400 Niagara, Buffalo, N. Y.
Greer Frederic, 525 W Vanburen, Chicago, Ill.
Greist Mfg. Co. (For Mfrs. of Mechanisms Requiring Stampings), New Haven, Conn.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Harker Mfg. Co., 121-123 W Third, Cincinnati, Ohio
See adv index at end of book

METAL STAMPINGS
Automobile Specialties
HARKER MFG. CO.
CINCINNATI, O.

Harrys Bros. Mfg. Co., 282 Woodbridge E, Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Heartley Machine, Variety Iron & Tool Wks., 900 Summit, Toledo, O.
Hedwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Helios Metal Works, Inc., 437 11th av, New York
Henderson J. G., 65 Main, Buffalo, N. Y.
Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
Hill Geo. Q. Co., Framingham, Mass.
Hindley Mfg. Co., Valley Falls, R. I.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
HOLAN METAL PRODUCTS CO. THE, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Houghton Mfg. Co., Worcester, Mass.
Hubbard & Co., German Bank bldg, Pittsburgh, Pa.
Huebel Mfg. Co., 103 Monroe, Newark, N.J.
Hubbard Pressed Steel Co., Niles, O.
Hubbell, Inc., Harvey, Bridgeport, Conn.
Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.
Hyman Henry & Co., 77 Chambers, New York
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Iron Products Co., Columbus, Ohio
Johns Engineering Co., 625 Champlain av, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Johnson & Walters Mfg. Co., 101 Baltimore av, Detroit, Mich.
Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Kensington Hardware & Tool Mfg. Co., 410H Mechanic, Germantown, Phila., Pa.
Ky Stamping Co. ("Kentuco" Incubator, etc.), Dept. H, Louisville, Ky.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Konigslow Otto Mfg. Co. (Special Manufacturing), 3506 Perkins av, Cleveland, Ohio
Lang R. B. Mfg. Co., Racine, Wis.
Lansing Stamping & Tool Co., Lansing, Mich.
Lenz Machine Wks., 199 Franklin, New York. *See adv index at end of book*
Lederer Bros. Co. (Screw Machine Products) (To Specification), 100 Stewart, Providence, R. I.
Lees John, Indianapolis, Ind.
Lidseen, Gustave, 832 S Central av, Chicago, Ill.
Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Los Angeles Engineering & Mfg. Co., 1212H E 6th, Los Angeles, Cal.
Loventgen H. K., 60 Grand, New York
Lultink & Sons Mfg. Co., 775 18th av, Milwaukee, Wis.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
McCully R. P & C. H., Inc., 331 Van Buren, Brooklyn, N. Y.
McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
Machine Mfg. & Engng. Co., Council Bluffs, Iowa
Mackin-Stephen, 33 North Foster, Worcester, Mass.
Mahoning Steel Products Co., Warren, O.
Marland Metal Products Co., Hagerstown, Md.

STAMPING (SHEET METAL)—continued

Massachusetts Machine Shop, Inc. (Light & Medium), 817 Albany, Boston, Mass.
See adv index at end of book

Mattatuck Mfg. Co., Waterbury, Conn.

Matthews H. A. Mfg. Co. (Stamping & Drawing), Seymour, Conn.

Matthews Mfg. Co. (Stamping & Drawing, All Metals), 104 Gold, Worcester, Mass.

Mayer Geo. J., 36 S Meridian, Indianapolis, Ind.

Mergott J. E. Co., 316 Jelliff av, Newark, N. J.

Merwin Mfg. Co., Erie, Pa.

Metal Crafters, E. Stroudsburg, Pa.

Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*

Metal Specialty Co., 6th & Burns, Cincinnati, O.

Metal Stamping Corp., Streator, Ill.

Metal Stamping & Mfg. Co., 15th & Oklahoma avs, Milwaukee, Wis.

Meyers W. F. Co., Bedford, Ind.

Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.

Michigan Stamping Co., Mack & Outer Belt, Line, Detroit, Mich.

Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

Milwaukee Stamping Co., West Allis, Wis.

Mitchell G. F. & Son, Cedar & E 85th, Cleveland, O.

Model Products Co., 9th & Venango, Phila., Pa.

Moline Pressed Steel Co., East Moline, Ill.

Monarch Tool & Mfg. Co., The, 122 Opera pl, Cincinnati, O.

Mosel Mfg. Corp. (Stamping & Drawing), Kensington, Conn.
See adv index at end of book

EXPERTS
in
The Manufacture and Development of
Wrought Steel Specialties
The Mosel Manufacturing Corp.
Kensington, Conn.

Mossberg Frank Co. (Stamping & Punching), Attleboro, Mass.

Mound Tool Co., 1203 S 7th, St. Louis, Mo.

Moyer-Shaw Mfg. Co., 234 E Hancock, Detroit, Mich.

Mullins Body Corp. (Steel), Dept. H, Salem, O.

National Co., 277 Congress, Boston, Mass.

National Mechanical Corp., 125 S Racine av, Chicago, Ill.

National Stamping & Electric Wks., Clinton & Van Buren, Chicago, Ill.

National Welding & Mfg. Co., Buffalo, N. Y.

Neevel Mfg. Co. (Light), 1409 Kansas av, Kansas City, Mo.

Nelson A. Mfg. Co., 564 W Randolph, Chicago, Ill.

Nelson Tool Co. Inc., 782 E 142d, New York

New Britain Machine Co., 190 Chestnut, New Britain, Conn.

New England Pressed Steel Co., Natick, Mass.

New Haven Rivet Co., New Haven, Conn.

New Monarch Machine & Stamping Co., Des Moines, Ia.
See adv index at end of book

New Process Specialty Co., 230 Hanover, Milwaukee, Wis.

New York Stamping Co., N 11th & Berry, Brooklyn, N. Y.

Newark Sheet Metal Co., Newark, N. J.

Newton Mfg. Corp., Plainville, Conn.
See adv index at end of book

Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.

Niagara Falls Metal Stamping Works (Aluminum, Brass, Copper, Steel, etc), Niagara Falls, N. Y.

North & Judd Mfg. Co., New Britain, Conn.

Northwestern Stamping Co., Burlington, Ia.

Novelty Mfg. Co., Waterbury, Conn.

Oakes Co., Indianapolis, Ind.

Oakes & Burger Co., Cattaraugus, N. Y.

Ohio Shovel & Stamping Co., Dover, O.

Oliver Instrument Co., Adrian, Mich.

Otter Mfg. Co., Inc. (Light), 243 W 17th, New York

P. R. Mfg. Co., Detroit, Mich.

Painesville Metallic Binding Co., Painesville, O.

Parish & Bingham Co., Madison av & W 106th, Cleveland, O.

Parker Wire Goods Co. (Also Punching), Worcester, Mass.

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

Parsons Specialty & Machine Wks., Hancock & Lehigh, Phila., Pa.

Patton-MacGuyer Co. (Small), 31 Mathewson, Providence, R. I.

Pawtucket Mfg. Co., Pawtucket, R. I.

Pennsylvania Stamping Co., York, Pa.

Peoria Can Co., Peoria, Ill.

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.

Phila. Metal Stamping Co., 107H Erie, Camden, N. J.

Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.

Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.

Plume & Atwood Mfg. Co., 470 Bank, Waterbury, Conn.

Pocono Metal Mfg. Co. Inc., East Stroudsburg, Pa.

Pratt Chuck Co., Frankfort, N. Y.

Precision Metal Workers, 3100 Carroll av, Chicago, Ill.

Pressed Steel Co. of N. Y. (Heavy Stampings, Auto Truck Parts), Wilkes-Barre, Pa.

Pressed Steel Products Co., Sharon, Pa.

Prisk Wm. M. & Sons Mfg. Co., Yalesville, Conn.

Pritchard Stamping Co., Rochester, N. Y.

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

Quinsigamond Pressed Steel Co., Worcester, Mass.

R. P. K. Pressed Metal Co., Bridgeport, Conn.

R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

Racine Metal Stamping Co., Racine, Wis.

Randenburg Ernest, 208 E 27th, New York
See adv index at end of book

Reiter G. C., Canton, O.

Reliable Machine Co. (Small), 5320 St. Clair av, Cleveland, O.

Reliance Metal Spinning & Stamping Co. Inc., 160 John, Brooklyn, N. Y.

Republic Tool & Mfg. Co., 1399H W 9th, Cleveland, O.

Risdon Tool & Mach. Co., Naugatuck, Conn.

ROBINSON TOOL WORKS, INC. (Small, Brass & Steel), Waterbury, Conn.
See adv index at end of book

Rockwood Sprinkler Co., Worcester, Mass.

Root Chas. J. Co., Bristol, Conn.

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

St. Louis Trunk Hardware Mfg. Co., 609 Choteau av, St. Louis, Mo.

Saks Stamping Co., Huntington, W. Va.

San Francisco Metal Stamping & Corrugating Co., 2369 Folsom, San Francisco, Cal.

Sayre Stamping Co., Sayre, Pa.

Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill.

Schatz Mfg. Co., Poughkeepsie, N. Y.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
See adv index at end of book



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STAMPING (SHEET METAL)—continued
Seiss Mfg. Co., Toledo, O.
Sessions J. H. & Son, Bristol, Conn.
Sharon Steel Hoop Co., Sharon, Pa.
Smith Thos. Co. (Heavy), Worcester, Mass.
Snow Albert E. & Co., 252 B'way, New York. *See adv index at end of book*
Standard Die & Stamping Co., Arrott Power bldg, Pittsburgh, Pa.
Standard Nut & Bolt Co., Valley Falls, R. I.
Standard Stamping & Die Co., 153 33d, Brooklyn, N. Y.
Standard Steel Box Co. (Light), Bridgeville, Pa.
Standard Tool & Mfg. Co., 70 Lafayette blvd, Detroit, Mich.
STANLEY WORKS (Special), New Britain, Conn.
See adv index at end of book
Stearns W. H. Stamping Co. (Cold Metal), Worcester, Mass.
Sterling Devices Co., 9 Lispenard, New York
Sterling Mach. & Stamping Co., Wellington, O.
Sterling Machine & Die Works, 625 W Jackson blvd, Chicago, Ill.
Stillman Allen P. Inc., 351 Jay, Brooklyn, N. Y.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Stirrup Mfg. Co. Inc., Market, Newark, N. J.
Superior Metal Products Co., Elyria, O.
Sutterley C. T. Co. (Cuspidors, Thermos Bottle Cups, etc.), 1720 N 2nd, Phila., Pa.
Syracuse Stamping Co., 422 S West, Syracuse, N. Y.
Textile Shield Co. (Metal Shields for Bobbins), 250 Lowell, Lawrence, Mass.
Thatcher-Reuter Mfg. Co., Cleveland, O.
Tomlinson Mfg. Co., Canton, O.
Transue & Williams Steel Forging Corp., Alliance, O.
Tri-Continental Corp. (Small), 2665 Main, Buffalo, N. Y.
Triumph Trap Co., Inc., Oneida, N. Y.
Trumbull F. S., Bridgeport, Conn.
Union Metal Goods Co. (Small), Pawtucket, R. I.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Unity Mfg. Co., 224 N Halstead, Chicago, Ill.
Van Valkenburg L. D., Holyoke, Mass.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Wagner E. R. Mfg. Co., North Milwaukee, Wis.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Walstad Machine Co., Tacoma, Wash.
Warner Bros. Co. (Small), Bridgeport, Conn.
Waterbury Brass Goods Corp. (Light), Waterbury, Conn.
WATERBURY BUTTON CORPORATION (Small Articles), 831 S Main, Waterbury, Conn. *See adv index at end of book*
WATERBURY MFG. CO., Waterbury, Conn.
WEBER BROS. METAL WORKS, 108 N Jefferson, Chicago, Ill.
Weber-Knapp Co., Jamestown, N. Y.
Western Die & Stamping Works, 721 Fulton, Chicago, Ill.
White Quehl Mfg. Co., 429 E Pearl, Cincinnati, O.
Whitnal Co., Plainville, Conn.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wisconsin Metal Products Co., Racine, Wis.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

LIGHT AND HEAVY METAL STAMPINGS
Worcester Pressed Steel Co.
Worcester Mass.
Branch Offices: New York Chicago Detroit Indianapolis

Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
York Corrugating Co., York, Pa.
YOUNGSTOWN PRESSED STEEL CO. (Pressed Steel), Warren, Ohio
See adv index at end of book

14123a—Stamping (Steel Furniture)

Merwin Mfg. Co. (Chair Sides, Mop Heads, Seat Supports & Table Top Fasteners), Erie, Pa.

14124— Stamping Works

See also Enameled Ware Mfrs.; also Stamping, Sheet Metal

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Akron Metal Products Co., Akron, O.
Allegheny Steel Co. (Journal Box Lids & Heavy Railroad Stampings), Oliver bldg, Pittsburgh, Pa.
AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.
American Sheet Metal Stamping Corp'n, Lehigh av & Mutter, Phila., Pa.
Amer. Specialty Co., Dept. H, Bridgeport, Conn.
American Stamping & Enameling Co., Bellaire, Ohio
American Stamping & Mfg. Co. (Small) Park bldg, Pittsburgh, Pa.
Am. Tool & Mfg. Co., Urbana, O.
Amundsen A. & Co., 2134 Lawrence av, Chicago, Ill.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Beaton & Cadwell Mfg. Co. ("Gem"), New Britain, Conn.
Beaver Machine & Tool Co. Inc., 625 N 3d, Newark, N. J.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Bossert Corp. The., Cor. Linden & West av, Utica, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Bowen Products Co., Divisions, Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., & Windsor, Ont, Canada *See adv index at end of book*
Brunswick Mfg. Co. (Light Metal), Brunswick, Me.
Central Stamping Co., 174 Fulton, New York
Chicago Die & Machine Works, 415 N Carpenter, Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Cleveland Metal Products Co., Platt av & C. & P. R. R., Cleveland, O.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Pressed Steel Co., Havard av, Cleveland, O.
Coe-Stapley Mfg. Co., West Haven, Conn.
Columbian Enameling & Stamping Co. (Enameled Ware), Terre Haute, Ind.
Commercial Shearing & Stamping Co., Youngstown, O.
Conn. Metal Treating Co., Inc. (All Prods.), Bridgeport, Conn.
Crescent Brass Products Co., 8410H Lake av, Cleveland, Ohio
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O. *See adv index at end of book*
Dall Steel Products Co., Lansing, Mich.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eisler Mfg. Co., Rochester, N. Y.
Erie Metal Products Co., Erie, Pa.
Federal Enameling & Stamping Co., Thomson & Chartiers, Pittsburgh, Pa.
Federal Stamping Co., Holland, Mich.
Fostoria Pressed Steel Co., Fostoria, O.
Geometric Stamping Co., 221 E 131st, Cleveland, O.
Gier Pressed Steel Co., Lansing, Mich.
GEUDER, PAESCHKE & FREY CO. (Steel), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
GREAT LAKES PRESSED STEEL CORP., 1400 Niagara, Buffalo, N. Y.
Harrisburg Stamping Co., Harrisburg, Pa.
Harry Bros. Mfg. Co., 282 Woodbridge E, Detroit, Mich.
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Hubbard Pressed Steel Co., Niles, O.
Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.
Hydraulic Pressed Steel Co. (Steel), 3152 E 61st, Cleveland, O.
Johns Engineering Co., 625 Champlain av, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
Kirk & Blum Mfg., Co. (Steel), 2850 Spring Grove av, Cincinnati, O.
Klopping A. C., Toledo, O.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lansing Stamping & Tool Co., Lansing, Mich.
Loverntzen H. K., 60 Grand, New York
McDowell Mfg. Co. Stanton av, Pittsburgh, Pa.
Mahoning Steel Products Co., Warren, O.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Michigan Pressed Steel Co., 239 Artillery, Detroit, Mich.
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Milwaukee Stamping Co., West Allis, Wis.
Mosel Mfg. Corp., Kensington, Conn.
See adv index at end of book
National Enameling & Stamping Co., 411 5th av, New York
National Metal Spinning & Stamping Co., 176-180 Grand, New York
National Metalware Co. Inc., Bogart & Graham av, Bklyn, N. Y.
National Natalware Co. Inc., 95 S 5th, Brooklyn, N. Y.
Niagara Falls Metal Stamping Works (Galvanized Work, etc), Niagara Falls, N. Y.
North & Judd Mfg. Co., New Britain, Conn.
Oakes Co., Indianapolis, Ind.
Parish Mfg. Co., Mt. Elliott & Trombley, Detroit, Mich.
Parish & Bingham Co. (Cold Pressed Steel), Madison av & W 106th, Cleveland, O.
Parker Chas. Co., Meriden, Conn.
Peoria Can Co., Peoria, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
R. & S. Engraving & Die Works, 625 W. Jackson blvd, Chicago, Ill.
See adv index at end of book
REPUBLIC METALWARE CO. (Lithographed & Plain Tin Cans & Containers), Buffalo, N. Y.
Republic Stamping & Enameling Co., Canton, O.
Rochester Stamping Co. (Tin & Hollow Ware), Rochester, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sayre Stamping Co., Sayre, Pa.
Sessions J. H. & Son, Bristol, Conn.
Sharon Steel Hoop Co., Sharon, Pa.
Standard Metalwork Co. (Light), Thompsonville, Conn.
Standard Stamping & Die Co. 153 33d, Brooklyn, N. Y.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Troy Stamping Works, Troy, N. Y.
Waterbury Mfg. Co., Waterbury, Conn.
Wheeling Stamping Co., Wheeling, W. Va.
Wickwire Spencer Steel Corp. (Metal), Worcester, Mass.
See adv index at end of book
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

LIGHT AND HEAVY METAL STAMPINGS
Worcester Pressed Steel Co.
Worcester Mass.
Branch Offices: New York Chicago Detroit Indianapolis

YOUNGSTOWN PRESSED STEEL CO. Warren, O. *See adv index at end of book*

14125-6— Stamping & Drawing (Sheet Metal)

See also Stamping, Sheet Metal

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
AMERICAN CAN CO., 120 B'way, New York. *See adv index at end of book*
Am. Tube & Stamping Co. (Steel Stamping & Deep Drawing), Bridgeport, Conn.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, Ohio
Bossert Corp. The, Cor. Linden & West av, Utica, N. Y.
Boston Pressed Metal Co., 170 Union Worcester, Mass.
Burr Mfg. Co., Whitney Power blk, Cleveland, O.
Coe-Stapley Mfg. Co., West Haven, Conn.
Dahlstrom Metallic Door Co. (Steel Stamping & Drawing), 413 Buffalo, Jamestown, N. Y.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
GEM MFG. CO., Pittsburgh, Pa.
See adv index at end of book

STAMPING & DRAWING
(SHEET GEM GUARANTEE GOOD METAL)
GEM MFG. CO., Pittsburgh, Pa.

General Pressed Metal Co., 1524 N Hancock, Phila., Pa.
GEUDER, PAESCHKE & FREY CO. (Aluminum, Brass, Copper, Sheet Steel, Monel Metal, Tin Plate, etc., also Porcelain Enameling), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
HOLAN METAL PRODUCTS CO. THE, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Matthews Mfg. Co., 104 Gold, Worcester Mass.
Metal Crafters, East Stroudsburg, Pa.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*

Model Products Co., 9th & Venango, Phila., Pa.
North Star Spinning & Mfg. Co., St. Paul, Minn.
Oakes Co., Indianapolis, Ind.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
QUADRIGA MFG. & SPECIALTY CO., (Any Metal), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Reliance Metal Spinning & Stamping Co Inc., 160 John, Brooklyn, N. Y.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Standard Stamping & Die Co. 153 33d, Brooklyn, N. Y.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
YOUNGSTOWN PRESSED STEEL CO. Warren, O. *See adv index at end of book*

14127—Stamps (Dating, Wheel)

American Stamp Mfg. Co., 35 John, New York
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Swisher R. D. Mfg. Co., 415H S Clinton, Chicago, Ill.

14128— Stamps (Gravity)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Clegg Mfg. & Tool Co., Attleboro, Mass.

14129—Stamps (Name, for Concrete)

Arrowsmith Concrete Tool Co. (Also Stamping Outfits), Arrowsmith, Ill.
Dickey Grabler Works of the Bankers Savings & Credit System Co., W Madison & 103rd, Cleveland, Ohio
Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Schmidt Geo. T. (Sidewalk), 4100 Ravenswood av, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Universal Stamp Works, 252 Market, Newark, N. J.

Stamps (Numbering & Dating)

See Numbering Machines; also Dating Machines

14130— Stamps (Rubber)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Allen, Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 35 John, New York
Arnold's J. H. Sons, 47 Fulton, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Atlanta Rubber Stamps & Stencil Works, Atlanta, Ga.
Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.
Barnard Stamp Co., St. Louis, Mo.
Barton Mfg. Co., 87 Duane, New York
Buck T. S. Mfg. Co. (Patent Flexible), 87 Duane, New York
Bunting Stamp Co., 713 Liberty av, Pittsburgh, Pa.
Century Rubber Stamp Works ("Century"), 551 Pearl, New York
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Consolidated Stamp Mfg. Co. (Hand & Machine "Advance," "Quality"), 87 Maiden la, New York
Cooke J P. Co., Omaha, Neb.
Dimond-Union Stamp Works, 175 Washington, Boston, Mass.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Everson & Reed Co., 88 Chambers, New York
George Bros. Griffith Co., Lincoln, Neb.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
Kasper Stamp & Seal Co., 1103 Locust, St. Louis, Mo.
Kautz, Fred C. & Co., 2633 W Lake, Chicago, Ill.
Koehler Henry L. Mfg. Co., Louisville, Ky.
Leonhardt Louis, 111 Warren, New York
Love Jos. V. & Co., Galveston, Tex.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Meyer & Wenthe 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co. (Red Rubber), 369 Market, San Francisco, Cal.
Moss Henry & Co. Inc. ("Markwell"), 37 Greene, New York
Mulhaupt F. Jos., Lafayette, Ind.
Murdock W. Jas. & Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Northwestern Stamp Wks., 110 E 3d, St. Paul, Minn.
Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Pneumatic Stamp Mfg. Co., 7H Henry, Binghamton, N. Y.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Salt Lake Stamp Co., Salt Lake City, Utah
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 Broadway, New York
Swisher R. D. Mfg. Co., 415H S Clinton, Chicago, Ill.
Taylor Bros Co., 706 Superior av, N. W., Cleveland, O.
Troy Rubber Stamp Works, Troy, N. Y.
Universal Stamp Works, 252 Market, Newark, N. J.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Western Stamp & Stencil Co., Omaha, Nebr.
Wright Greg G. & Son, 119 Opera pl, Cincinnati, O.

14131-2—Stamps (Self-Inking)

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Leader Mfg. Co., 536 Main, Cincinnati, Ohio
Melind Louis Co., 183 W Madison, Chicago, Ill.
New York Stencil Works, 100 Nassau, New York
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Smith R. H. Mfg. Co., Springfield, Mass.
Swisher R. D. Mfg. Co. (Stamps, Time Dating Machines, Ink Canners, Pad Stamps), 415H S Clinton, Chicago, Ill.
Universal Stamp Works, 252 Market, Newark, N. J.

Stamps, Shoes & Dies

See Shoes & Dies, Stamp Mill

14133— Stamps (Steel)

Arnold's J. H. Sons, 47 Fulton, New York
Brunner & Lay, 570 W Polk, Chicago, Ill.
Carragan & Tilson, 88 Chambers, New York
Chandler Co., Springfield, Mass.
Cleveland Steel Stamp Works, Commercial bldg, Cleveland, O.
Cooke J. P. Co., Omaha, Neb.
Cunningham M. E. Co. (For Letters & Figures for Making Tools, etc), 625 Smithfield, Pittsburgh, Pa.
Detroit Rubber Stamp Co., 69 Shelby, Detroit, Mich.
Dickey-Grabler Wks., W Madison & 103d, Cleveland, O.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Evers Henry A. Co., 44 Washington, Providence, R. I.
Gibson A. C. Co. Buffalo, N. Y.
Gowanda Agricultural Works ("Cutler's"), Gowanda, N. Y.
HANSON C. H. CO. THE, 178 N Clark, Chicago, Ill.
Haynes & Co., 75 Westminster, Providence, R. I.
Johnson D. E. Co. (Fine), 140 William, New York
Kasper Stamp & Seal Co., 1103 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keene Fred H., 152H Chambers, New York
Kersting J. H., 75 Fulton, New York
Knight H. W. & Son (Name Stamp, etc), Seneca, Falls, N. Y.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Moss Henry & Co. Inc. ("Markwell"),192½ Greene, New York
Mulhaupt F. Jos. Lafayette, Ind.
Murdock, W. Jas. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
Niagara Falls Metal Stamping Works (Letters & Figures), Niagara Falls N. Y.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Ohio Steel Stamp Co., 105 Prospect av, Cleveland, Ohio
See adv index at end of book

Established 1895
OHIO STEEL STAMP CO.
105 Prospect Ave., N. W., Cleveland, O.
Manufacturers of high grade, hand cut
STEEL STAMPS
for every purpose. Steel Letter and Figure Sets carried in stock.

Pannier Bros. Stamp Co. (Hand Made), 207 Sandusky, Pittsburgh, Pa.
Pittsburgh Steel Stamp Co., 316 Penn av, Pittsburgh, Pa.
Quality Die Co., 1430 E 64th, Chicago, Ill.
R. & S. Engraving & Die Works, 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO R & S ENGRAVING CHICAGO
SUPER-DREAD-NOT QUALITY
STEEL STAMPS *and* SPECIAL MARKING DIES
Equipped to do your marking
R & S ENGRAVING AND DIE WORKS
625 W. Jackson Blvd., Chicago, Ill

Reese S. W. & Co., 44 Vesey New York
Robbins John Mfg. Co., 58 Kneeland, Boston, Mass.
Ronfeldt Chas. J. 61 Beekman New York
Sackman Mfg. Co., Akron, O.
Salt Lake Stamp Co., Salt Lake City, Utah
Schmidt Geo. T., 4100 Ravenswood av, Chicago, Ill.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Schweizer C. K., 520 N 3d, St. Louis, Mo.
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 B'way, New York
Time & Energy Co., 9 S Clinton, Chicago, Ill.
Universal Stamp Works, 252 Market, Newark, N. J.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Western Stamp & Stencil Co., Omaha, Nebr.
Williams Chas. F. Stamp Co., 85 Chadron, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

14134— Stamps (Steel Log)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Ransome Concrete Machinery Co., Dunellen, N. J.
Sackmann F. A., 810 Prospect, S E, Cleveland, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston. Mass.
Universal Stamp Works, 252 Market, Newark, N. J.

14135— Stamps (Time)

AUTOMATIC TIME STAMP CO. ("Automatic"), 164 Congress, Boston, Mass.
Commercial Utilities Mfg. Co., 521 W 26th, New York
Ellis Time Stamp Co., 229 W Illinois, Chicago, Ill.
Follett Time Recording Co., 9 W B'way, 27 Thames, New York
Hoggson S. H. & Co. ("Hoggson" Pocket), 17 Thomas, New York
International Time Recording Co. of N. Y ("Standard" Automatic), Endicott N. Y.
Joslin A. D. Mfg. Co ("Eclipse," "Cosmo,")' 223 W Erie, Chicago, Ill.
Kastens Henry (Time Dating), 418 W 27th, New York
King Lock Co., 319 W Ohio, Chicago, Ill.
Magneta Co. (Elec.), 37 E 28th, New York
Moise-Klinkner Co., 369 Market, San Fransisco, Cal.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Smith R. H. Mfg. Co. (Air Cushion), Springfield, Mass.
Sohm Electric Co. ("Sohm" System for Recording Receipt & Delivery of Goods, Factory Coast Founding), 841 Blue Island av, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

Stamps & Dies (Sheet Metal)

See Dies, Stamping

14136—Stamps & Dies (Steel)

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Amer. Die & Tool Co., Reading, Pa.
American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
Atlas Crucible Steel Co., Dunkirk, N. Y.
B. & S. Engraving & Die Works, 625 W Jackson blvd, Chicago, Ill.
Cleveland Steel Stamp Works, Commercial bldg. Cleveland, O.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gibson A. C. Co., Buffalo, N. Y.
Hoggson & Pettit Mfg. Co., **New Haven,** Conn.
Kautz Fred C & Co., 2633 W Lake, Chicago, Ill.
Ludlum Steel Co. ("Mohawk" Extra, "Pompton" Special, "Huron," "Utica"), 2 Rector, New York
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Perkins Machine Co., Warren, Mass.
R. & S. Engraving & Die Works, 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

R&S ENGRAVING CHICAGO R&S ENGRAVING CHICAGO R&S ENGRAVING CHICAGO
All kinds STEEL STAMPS and SPECIAL MARKING DIES, BLANKING, STAMPING, FORMING DIES. Equipped for Specialty Mfg. Punch Press Work, Etc.
R & S ENGRAVING AND DIE WORKS
625 W. Jackson Blvd., Chicago, Ill.

Richard Mfg. Co., Bloomsburg, Pa.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

14137-8—Stanchions (Cattle)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Automatic Carrier Co. ("A. C. Co."), Juneau, Wis.
Boyle Jas. ("Taylor" Steel), Salem, O.
Bryan Mfg. Co. ("Champion"), P. O. Box D, Bryan, O.
Cowmatic Corp. ("Cowmatic" Steel), Lynchburg, Va.
Crumb W. B. ("Warriner" Chain Hanging), Forestville, Conn.
Drew Carrier Co., Waterloo, Wis.
Gehl Bros. Mfg. Co. ("Badger" Steel), West Bend, Wis.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Harris Mfg. Co., Salem, O.
Hunt, Helm, Ferris & Co. ("Star" Swing), Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Libby C. A. Co., Oshkosh, Wis.
Louden Machinery Co. ("Cow Comfort"), Fairfield, Ia.
Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.
Mitchell Mfg. Co., Milwaukee, Wis.
Mullins Mfg. Co., Brillion, Wis.
Olson Mfg. Co. ("Common Sense"), Albert Lea, Minn.
Porter J. E. Co., Ottawa, Ill.
Quick & Thomas Co. ("Q & T"), Auburn, N. Y.
Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.
Ricker Mfg. Co. ("Rochester" Wood Lined Steel), Rochester, N. Y.
Scoville E. U. Co., Manlius, N. Y.
Strickler Hay Tool Co., Janesville, Wis.
Swift Stanley C. Mfg. Co. ("Perfection"), Cuba, N. Y.
Wasson Stanchion Co., Cuba, N. Y.
West Bend Barn Equipment Co., West Bend, Wis.
Wilder-Strong Implement Co., Monroe, Mich.
Wisconsin Foundry & Machine Co., Madison, Wis.
Wisconsin Stable Equipment Co., Oconomowoc, Wis.

14139— Stand Pipes

American Bridge Co., 30 Church, New York
Baltimore Cooperage Co. (Wood), Ostend & Leadenhall, Baltimore, Md.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, (Steel), 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newnan, Ga.
Columbiana Boiler Co., Columbiana, O.
CONNERY & CO. INC., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Conran Standpipe Co., 305 Pearl, New York
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
DOVER BOILER WORKS, Sales Office, 40 Church, New York
See adv index at end of book
Drake-Williams Mount Co., Omaha, Neb.
Fairbanks, Morse & Co. (Railroad, "Sheffield"), 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co., Racine., Wis.
Graver Corp., East Chicago, Ind.
See adv index at end of book
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hanke Iron & Wire Works (With Ice-Proof Steps & Balconies), 800 N Albany av, Chicago, Ill.
Hartley Boiler Works, Montgomery, Ala.
Hodge Boiler Works, 99 Sumner, East Boston, Mass.
Ironton Punch & Shear Co., Ironton, O.
Johnson & Thompson, Birmingham, Ala.
Koven L. O. & Bro, 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie Elliott & Co., Paterson, N. J.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil James & Bro. Co., Pittsburgh, Pa.
Marinette Boiler Wks., Marinette, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
New England Iron Works Co., Summer, Boston, Mass.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg. Phila., Pa
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Valve Fdry & Construction Co. ("Gulland"), 26th & A. V. R. R., Pittsburgh, Pa.
Portland Co., Portland, Me.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Reeves Bros. Co., The, Alliance, O.
See adv index at end of book
Riter-Conley Co., Oliver bldg, Pittsburg, Pa.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Schofield's J. S. Sons Co., Macon, Ga.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sotter Bros., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
Tomahawk Steel & Iron Works, Tomahawk, Wis.
Topeka Steam Boiler Works, Topeka, Kan.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Twin City Boiler Works, Bristol, Va.
U. S Wind Engine & Pump Co., Batavia, Ill.
Virginia Bridge & Iron Co., Roanoke, Va.
Walsh & Weidner Boiler Co. (Steel), Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass
Warren City Tank & Boiler Co., Warren, Ohio
Wickes Boiler Co. Saginaw, Mich.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

14140—Stand Pipes (Locomotive)

Fairbanks, Morse & Co., Sheffield Plant. Three Rivers, Mich.

14140a—Stand Pipes (Reinforced Concrete)

Heine Chimney Company (The), 123 W Madison, Chicago, Ill.

14141—Stands (Adding Machine & Typewriter)

Adjustable Table Co. (Adjustable), Grand Rapids, Mich.
Fowler-Manson-Sherman Cycle Mfg. Co. ("Ideal" Tubular), 1447 Austin av, Chicago, Ill.
Illinois School Furniture Co., Rockford, Ill.
Standard Cabinet Mfg. Co. (Swinging, also Tables), Peru, Ind.
Taylor, Stiles & Co., Riegelsville, N. J.
Toledo Metal Furniture Co. ("Uhl" Steel), Toledo, O.
Welty Wm. A. (Revolving), Waterloo, Ia.

14142—Stands (Annealing Box)

Columbiana Boiler Co., Columbiana, O.
Pittsburgh Annealing Box Co., 829 Beaver, Pittsburgh, Pa.

14143—Stands (Armature Winding)

Columbia Machine Works & Malleable Iron Co. ("Columbia" & Tension), Atlantic av & Chestnut, Brooklyn, N. Y.
Ridlon Frank Co., 251A, Boston, Mass.

14144-5—Stands (Automatic Ground Throw)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Morden Frog & Crossing Works (For Railroads), 208 S La Salle, Chicago, Ill.
Nelson Iron Works, 45 Spokane av, Seattle, Wash.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

14146-7— Stands (Bicycle)

Burgess Machine Co., New Haven, Conn.
MYERS, F. E. & BRO. ("Myers"), 900 Fourth, Ashland, O.
See adv index at end of book
New York Nickel Plating & Mfg. Co. ("Esmond"), 327 E 63d, New York
Plocher Andrew Sons Co., Dayton, O.
Reed Evan L Mfg. Co., Sterling, Ill.

14148-9— Stands (Calendar)

Kimpton Ed. Co., 60 John, New York
Wrightsville Hardware Co., Wrightsville, Pa.

14150— Stands (Display)

Acme Woodworking Co., 562 W 34th, New York
Eclipse Mfg. Co., Wellston, O.
Gemco Mfg Co. (Tire), Milwaukee, Wis.
Metal Barrel Co. (Vegetable), Galesburg, Ill.
Metallograph Corp., 1100 Brook av, New York
NELKE L. D. SIGNS, NEW YORK, INC., 18 W 36th, New York
See adv index at end of book
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Norwich Wire Works, Norwich, N. Y.
Pearce Co., Frederick, 20 Rose, New York
Trimble F. H. Co., 216 W 3d, Los Angeles, Cal.
Universal Fruit Stand Co. (Fruit), Johnson City, Tenn.
Vulcan Manfg. Co. (Sample Book), 3140 S Canal, Chicago, Ill.
Yesbera Mfg. Co., Toledo, O.

14150a— *Stands (Drill)

WHITMAN & BARNES MFG. CO., Akron, O. *See adv index at end of book*

14151— *Stands (Indicator)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

Stands (Ironing)

See Tables, Ironing

14152—*Stands (Micrometer)

STARRET L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

14153—Stands (Mule Pulley)

Bond Foundry & Machine Co., Manheim, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
See adv index at end of book
Golden's Foundry & Machine Co., Columbus, O.
Hill Clutch Co., W 65th, Cleveland, O.
Hunter Jas. Machine Co. North Adams, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Poole Engineering & Machine Co., Woodberry sta, Baltimore, Md.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

14154— Stands (Music)

Cushman H. T. Mfg. Co., North Bennington, Vt.
Metal Stamping Corp. (Also Horn Stands), Streator, Ill.

14155— Stands (Pipe Vise)

Martin H. P. & Sons, Owensboro, Ky.
Strand Heater & Mfg. Co. ("Smiths" Folding), 7804 Wade pk, Cleveland, O.
WILLIAMS J. H. & CO., ("Vulcan" Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

14156— Stands (Price Card)

Timberlake J. B. & Sons (Wire), Jackson, Mich.

14156a— *Stands (Pump)

MYERS F. E. & BRO. ("Myers," "Ashland," "Defiance," & "Faultless" Cog Gear), 900 Fourth, Ashland, O.
See adv index at end of book

14157-8— Stands (Sad Iron)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio
Gray Iron Foundry Co., Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Sager Lock Co., No. Chicago, Ill.
Stover Mfg. & Engine Co., Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Woods Sherwood Co. (Wire), Worcester, Mass.
Wrightville Hardware Co., Wrightville, Pa.
Youngstown Pressed Steel Co., Youngstown, Pa.

14159— Stands (Toilet)

Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York

Stands (Typewriter)

See Stands, Adding Machine & Typewriter

14160— Stands (Umbrella)

Art Metal Construction Co. (Steel), Jamestown, N. Y.
Baker J. R. & Sons Co., Kendallville, Ind.
Central Stamping Co. (Cylinder), 174 Fulton, New York
Clark W. J. Co., Salem, O.
Cordley & Hayes "Fibrotta" Paper Fibre), 7 Leonard, New York
Detroit Rack Co., Elmwood & Hendrick, Detroit, Mich.
Farber S. W. (Brass & Copper), 147 S 5th Brooklyn, N. Y.
Ideal Desk Co., Auburn, Me.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.

14161—Stands (Water Cooler)

Andrews A. H. Co. (Metal), 107 S Wabash av, Chicago, Ill.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Superior Sheet Metal Works, 3201 Roosevelt av, Indianapolis, Ind.

14162—Stands (Wrench Display)

Mossberg Frank Co. ("Mossberg"), Attleboro, Mass.
WILLIAMS J. H. & CO. (Drop-Forged Wrenches), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

14163— Staple Mfrs.

AMERICAN STEEL & WIRE CO. (Fence, Poultry Netting, etc), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Brewer Bros. Co. (Bar, Bolt, Bow, Latch Mirror or Plate & Round), 2nd & Somerset, Cleveland, O.
Cambria Steel Co. (Poultry Netting, Fence, etc), Widener bldg, Phila., Pa.
Campbell Wire Specialty Works, South Bend, Ind.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Cobb & Drew, Plymouth, Mass.
Colorado Fuel & Iron Co. (Wire), Denver, Colo.
Crawfordsville Wire & Nail Co. (Fence), Crawfordsville, Ind.
Gulf States Steel Co. (Wire Fence, Poultry Netting), Birmingham, Ala.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned Open & Closed Bar & Wagon Bow), St. Louis, Mo.
Holland Mfg. Co. (Steel Spring, Barbed Blind, Hoop & Light Clamp, Poultry Netting, Butter Tub or Clamp, Basket Handle Speaking Tube & Pope, etc), Central av & Bank, Baltimore, Md.
Igoe Brothers (Fence & Poultry Netting), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Kelly Nail & Iron Co. (Wire), Ironton, O.
Kokomo Steel & Wire Co. (Fence, etc), Kokomo, Ind.
Landers, Frary & Clark (Wrought), New Britain, Conn.
Larkin J. K. & Co. (Blend, Broom, Electricians, Galvanized Iron & Wire), 253 Broadway, New York
See adv index at end of book
Lawrence Bros. (Hasp), Sterling, Ill.
Leibfried C. H. (Iron), Guernsey, B'klyn, N. Y.
McKinney Mfg. Co. (Wrought), Liverpool & Metropolitan, Pittsburgh, Pa.
Milwaukee Tack Co. (Hoop, Clamp, Poul-Cloth, etc), 27th & Wahl av, Milwaukee, Wis.
National Mfg. Co. (Wrought Steel Hasp, etc), Sterling, Ill.
Norton Iron Works (Polished & Galvanized Wire), Ashland, Ky.
Oliver Iron & Steel Co. (Hame), S 10th & Muriel, Pittsburgh, Pa.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Pickering Ridgway S. (Hoop Staples), Sharon Hill, Pa.
Pittsburgh Steel Co. (Wire Fence & Poultry Netting), 5th av & Grant, Pittsburgh, Pa.
Plymouth Mills, Plymouth, Mass.
Pratt Wm. E. Mfg. Co. (Barbed, Blind, Netting, Red Spring), 35 W Lake, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Shelton Track Co. (Hoop, Broom & Spring), Shelton, Conn.
See adv index at end of book
Standard Rivet Co. (For Box Loops, Harness, Fly Nets, Shoes, etc), 41 Lincoln, Boston, Mass.
Stanley George W. Co. (Barbed, Blind & Hoops), Belleville, Ill.
STANLEY WORKS (Wrought), New Britain, Conn.
See adv index at end of book
Stimpson, Edwin B. Co.(Wire & Stamped), 852 Kent av, Brooklyn, N. Y.
Superior Tack & Nail Co. (Coppered Basket Handle Hoop, Galvanized Poultry Netting, Hook, Broom & Spring, etc), Derby, Conn.
Titchener E. H. & Co. (Blind, etc), Binghamton, N. Y.
Tower Mfg. Co. (Wire Clamp Electricians, Broom, Hoop, Harness, etc), Elm & Commerce, Cincinnati, O.
Townsend G. G. (Barrel & Keg Hoop), Winchendon, Mass.
U. S. Hame Co. (Harness or Hame), Buffalo, N. Y.
Whitman Metal Goods Co., Whitman, Mass.
Wickwire Bros. (Wire), Cortland, N. Y.
Wickwire Spencer Steel Corp. (Wire), Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co. Inc. (Wrought Iron), Middletown, Conn.
See adv index at end of book
Wire Goods Co. (Wrought Steel, Steel Wire, Tinned & Galvanized), Worcester, Mass.
Youngstown Sheet & Tube Co. ("Youngstown" Wire, Bright Fence, etc), Youngstown, O.

14164— Staples (Bar)

Titchener E. H. & Co., Binghamton, N. Y.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

14165—Staples (Bottle Wrapper)

Oshkosh Bottle Wrapper Co., Oshkosh, Wis.
Phila. Excelsior Co., 716 N 3d, Phila., Pa. N. Y.

14166— Staples (Evener)

American Logging Tool Co., Evart, Mich.

14167— Staples (Fence)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co. (Galvanized & Polished), Ironton, Ohio
Cambria Steel Co., Widener bldg, Phila., Pa.
Cobb & Drew, Plymouth, Mass.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co. (& Poultry Netting, Polished & Galvanized), Muncie, Ind.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co. (Wire Fence), Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co. ("Keystone"), Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Morgan Steel & Wire Co., Kokomo, Ind.
Norton Iron Works, Ashland, Ky.
Parker Wire Goods Co., Worcester, Mass.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book
Titchener E. H. & Co., Binghamton, N. Y.
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

14168— Staples (Insulated)

Blake Signal & Mfg. Co. ("Blake"), 251 Causeway, Boston, Mass.
Commercial Electrical Supply Co., B'way & Spruce, St. Louis, Mo.
Cross W. W. & Co., Brockton, Mass.
Delaware Hard Fibre Co. (Electricians', etc., Fibre), Wilmington, Del.
See adv index at end of book
Elastic Tip Co. (Rubber Headed Nails), 370 Atlantic av, Boston, Mass.
Eureka Supply Co., Sewell, N. J.
Goldmark Jas. Co. ("Cross"), 81 Warren, New York
Stanley Geo. W. Co., Belleville, Ill.

14169— Staples (Nutted)

Clark Bros. Bolt Co., Millidale, Conn.
See adv index at end of book
Harvey Spring & Forging Co., Racine, Wis.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Session Co., 2188 Scranton rd, S. Y. Y., Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Reno Mfg. Co., Erie, Pa.
Upson Nut Co., Cleveland, O.

14170— Staples (Pail & Bucket Handle)

Merritt F. M. ("Merritt" Needle Pointed), Penn Yan, N. Y.
Titchener E. H. & Co., Binghamton, N. Y.

14171—Staples (Poultry Netting)

American Steel & Wire Co., 208 So. La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
LARKIN J. K. & CO., 253 Broadway, New York. *See adv index at end of book*
Stanley Geo. W. Co., Belleville, Ill.
Titchener E. H. & Co., Binghamton, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

14172— Staples (Stop)

National Sheet Metal Co., Peru, Ill.

14173— Staples (Wagon Box)

Burgess & Norton Mfg. Co., Geneva, Ill.
Harvey Spring & Forging Co. (Rivet & Clinch), Racine, Wis.
Titchener E. H. & Co., Binghamton, N. Y.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

14174— Starch Mfrs.

American Maize-Products Co. (Pearl), 135 William, New York
Arabol Mfg. Co. (Blenders), 100 William, New York
Arnold, Hoffman & Co. (Commercial), 55 Canal, Providence, R. I.
Aroostock Valley Starch Co., Fort Fairfield, Me.
Atlantic Starch Works, Westport, Conn.
Barker H. & Co., Chamber of Commerce, Boston, Mass.
Barnett Wm. & Sons, 720 S Broad, Phila., Pa.
Bloede Victor G. Co., Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose"), 3722 N Randolph, Phila., Pa.
Cambridge Starch Co., Cambridge, Minn.
Campbell John & Co., 75 Hudson, New York
Celluloid Starch Co., 43 W 36th, New York
Corn Products Refining Co. ("Globe," "C. P. Special" "Erckenbrechers," "Triangle," "Modified Eureka," "Complete," "Flexible" & "Argo" Laundry), 17 Battery pl, New York
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Defiance Starch Co. (Cold Water), Omaha, Neb.
Douglas Co., Cedar Rapids, Ia.
Eddy & Eddy (Corn), Main & Market, St. Louis, Mo.
Electric Lustre Starch Co., 26 Central, Boston, Mass.
Faultless Starch Co., 1025 W 8th, Kansas City, Mo.
Ford J. B. Co., Wyandotte, Mich.
Frost & Cudhill, Inc. (Imp. for Textile Trade), 60 Wall, New York
Harshaw, Fuller & Goodwiln Co., Elec. bldg, Cleveland, O.
Herrick & Voight, 68 Maiden la, New York
Hubinger J. C. Bros. Co. (Elastic), New Haven, Conn.
Huron Milling Co., Harbor Beach, Mich.
Industrial Starch Co., 185 Devonshire, Boston, Mass.
Keever Starch Co., Chamber of Commerce bldg, Columbus, O.
Kohnstamm H. & Co. (Rice), 89 Park pl, New York
Lewis John D. (Potato),. 63 Charles, Providence, R. I.
Leyland Thos. & Co. (Imported Soluble Starch, etc), Readville, Boston, Mass.
Ludwig L. O., Cary, Me.
Martin, Jos. & Sons, Van Buren, Me.
Minnesota Potato Starch Co., Anoka, Minn.
Monroe County Chemical Co. (Corn), Fairport, N. Y.
National Gum & Mica Co., 59th & 11th av, New York
National Starch Co., 17 Battery pl, New York

STARCH MANUFACTURERS—continued

Noyes Chas. E., Limestone, Me.
Piel Bros. Starch Co., Indianapolis, Ind.
Piper & Clark, Sherman Mills, Me.
Pritchard T. G. Co. (Corn), 108 Grant, Baltimore, Md.
Royal Chemical Co., Phoenix, R. I.
St. Agatha Starch Co., St. Agatha, Me.
Seccomb-Kehew-Bradley Co. (Potato), 24 Purchase, Boston, Mass.
Speare's Alden Sons Co. (Wheat & Corn), Cambridge, Mass.
Staley A. E. Mfg. Co. (Corn), Decatur, Ill.
Stein, Hall Mfg. Co. (Corn, Wheat & Potato), 111 W Washington, Chicago, Ill.
Tanner Chas. S. Co., 250 S Water, Providence, R. I.
Trojan Powder Co. (Nitro Starch), 27 William, New York
Union Starch & Refining Co., Edinburg, Ind.
Watson John, Houlton, Me.
Waupaca Starch Co., Waupaca, Wis.

14174a— Starch (Arrowroot)

American Trading Co., 25 Broad, New York
Arabol Mfg. Co., 100 William, New York
Morningstar Charles & Co., Inc. (Selling Agent), 349 B'way, New York

14174b— Starch (Cassava)

Arabol Mfg. Co., 100 William, New York
Morningstar Charles & Co., Inc. (Imp.), 349 B'way, New York

14174c— Starch (Corn)

American Trading Co., 25 Broad, New York
Arabol Mfg. Co., 100 William, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Morningstar Charles & Co., Inc. (Selling Agent), 349 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

14174d— Starch (Potato)

American Trading Co., 25 Broad, New York
Arabol Mfg. Co., 100 William, New York
Behrend F., Inc., 170 Front, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Morningstar Charles & Co., Inc. (Imp.), 349 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York
Rockhill & Victor, 22 Cliff, New York
Takamine Commercial Corp., 120 B'way, New York

14174e— Starch (Rice)

American Trading Co., 25 Broad, New York
Morningstar Charles & Co., Inc. (Imp.), 349 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York

14174f— Starch (Tapico)

American Trading Co., 25 Broad, New York
Innis, Speiden & Co., 46 Cliff, New York *See adv index at end of book*
Morningstar Charles & Co., Inc. (Imp.), 349 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York

14174g— Starch (Wheat)

American Trading Co., 25 Broad, New York
Morningstar Charles & Co., Inc. (Selling Agent), 349 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York

14175— Stars (Iron)

Barnett Oscar Foundry Co. (For Rumbling), Irvington, N. J.
Cleveland Nickel Works (Hard), 1167 W 67th, Cleveland, O.
Fanner Mfg. Co. (Hard for Cleaning Castings), Brookside pk, Cleveland, O.
Flagg Stanley G. & Co. (For Tumbling), Morris bldg, Phila., Pa.
National Malleable Castings Co. (Hard), 7706 Plat av, S. E., Cleveland, O.
Ohio Malleable Iron Co. (Hard Iron Star for Tumbling Mills), 961 N Fourth Columbus, O.
Pratt Wm. E. Mfg. Co. (Hard), 35 W Lake, Chicago, Ill.
Sly W. W. Mfg. Co. (Hard), 4700 Train av, Cleveland, O.
Wagner Electric Mfg. Co. ("Wagner Quality"), 6400 Plymouth av, St. Louis, Mo.

14175a— *Stars (Milling)

Dopp J. W. & Co., (Dealers), 15 W Columbia, Detroit, Mich.

14175b—Starters (Automobile)

A. B. C. Generator Co., 1107 S Hill, Los Angeles, Cal.
A. B. C. Starter Co., 33 Woodbridge, Detroit, Mich.
American Ever Ready Works of N. C. Co., Thompson av, L. I. City, N. Y.
Barrett Motor Starter Co., 1777 B'way, New York
Bear Mfg. Co., Rock Island, Ill.
Bosch Magneto Co., 223 W 46th, New York
Bijur Motor Appliance Co. (Electric for Automobiles and Motor Boats), 15th & Garden, Hoboken, N. J.
Dayton Engineering Laboratories Co., Dayton, O.
Detroit Starter Co., 32 E Larned, Detroit, Mich.
Disco Electric Starter Corp., 500 Howard, Detroit, Mich.
Dyneto Elec. Co., Syracuse, N. Y.
Eclipse Machine Co. (Automatic Gear Transmission), Elmira, N. Y.
Eisemann Magneto Corp., 32-33rd, Brooklyn, N. Y.
Electric Auto-Lite Co., Toledo, O.
Fisher Electrical Works, Detroit, Mich.
Gray & Davis, Boston, Mass.
Heinze John O. Co., Springfield, O.
Henricks Magneto & Elec. Co., 1237 St. Paul, Indianapolis, Ind.
Holt Electric Co. ("Holt" Motors), 379 S Pierce, Milwaukee, Wis.
Kemco Elec. Mfg. Co., Salem, O.
Leece-Neville Co., 5363 Hamilton av, Cleveland, O.
Little Giant Starter Co., Canton, O.
North East Electric Co., 348 Whitney, Rochester, N. Y.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Picard A. J. & Co., 9 W 61st, New York
Roberson W. Machine & Foundry Co. ("Presto"), 56 Rano, Buffalo, N. Y.
Remy Elec. Co., Anderson, Ind.
Simms Magneto Co., East Orange, N. J.
Splitdorf Elec. Co., 98 Warren, Newark, N. J.
United States Light & Heat Corp. (Electric), Niagara Falls, N. Y.
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.
Wagner Electric Mfg. Co., 6400 Plymouth, St. Louis, Mo.
Ward Leonard Electric Co. (Dynamos), Mt. Vernon, N. Y.
Ward Leonard Elec. Co., Bronxville, N. Y.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. *See adv index at end of book*

14176—*Starters (Fire Pump)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*

14177—Stationers' Rubber Sundries

American Hard Rubber Co. (Hard Rubber, 9 Mercer, New York
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Miller Rubber Co., Akron, O.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

14178-9—Stationers' Specialties

See also Specific Article Required

Adams Mfg. Co. (Blotter Baths), 86 E Plumstead, Phila., Pa.
Am. Papeterie Co. ("Keiths"), Dept. H, Albany, N. Y.
Beaton Caldwell Mfg. Co., New Britain, Conn.
Boorum & Pease Co. (Desk Pads), 109 Leonard, New York
Chicago Mirror & Art Glass Co. ("Chicago" Glass Desk Pad), 216 N Clinton, Chicago, Ill.
Childs S. D. & Co., 1360 S Clark, Chicago, Ill.
Cushman & Denison Mfg. Co. ("Capitol" Ink Stands & Other Specialties), 240 W 23d, New York
Dameron-Pierson Co., Ltd. (Mfg. Stationery), 400 Camp, New Orleans, La.
Detroit Coin Wrapper Co., 15 W Milwaukee, Detroit, Mich.
Erie Metal Products Co., Erie, Pa.
Farnham Printing & Stationery Co. (Desk Ticklers and Other Specialties, 806 Lumber Exchange, Minneapolis, Minn.
Foley John F. (Pencil Tips), Attleboro, Mass.
Fox Geo. E. Co. (Glass Desk Pads & Blotter, Pads), 35 W Kinzie, Chicago, Ill.
General Eclipse Co. ("Eclipse" Pneumatic Ink Wells), Danielson, Conn.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Goes Lithographing Co. (Stock Certificate), 42 W 61st, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
Ideal Specialties Mfg. Corp. ("Calenders," "Up-to-Date"), 552 Pearl, New York
Kimpton Edw. Co., 60 John, New York
Modern Mfg. Co. (Book Corner Protectors), 543 N Lawrence, Phila., Pa.
Polar Mfg. Co. 101 No Marshall, Phila, Pa.
Ravenswood Office Specialties Co. ("Rossco" & "Ravenswood") Glass Desk Pad), 1800 Newport av, Chicago, Ill.
Roovers Bros. (Address & Seal Embossers, Hand & Desk), 100 Schermerhorn, Brooklyn, N. Y. *See adv index at end of book*
Sainberg L. ("Elsane" Board Clips, Index Cabinets & Work Distributors), 65 W Houston, New York
Schmidman's Theo. Sons Co., Manitowoc, Wis.
Sengbusch Self-Closing Inkstand Co., Stroh bldg, Milwaukee, Wis.
Traut & Hine Mfg. Co. (Metal), New Britain, Conn.
Technical Supply Co. (Ink Blotters), Scranton, Pa.
Van Valkenburg L. D. (Pencil Clips), Holyoke, Mass.
Yale Novelty Co. (French Ivory Desk Sets), Leominster, Mass.

14180— Statuary (Plaster)

Florentine Art Plaster Co., 2208 Chestnut, Phila., Pa.

14181— Statuary & Monuments (White Bronze)

Monumental Bronze Co., Bridgeport, Conn.

14181a— Staybolts

See Also Bolts, Stay

Larkin J. K. & Co., 253 B'dway, New York *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

14182— Stays (Door)

Lane Bros. Co., Poughkeepsie, N. Y.
Reading Hardware Co. (Barn Door), Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards" Non-Sag), Aurora, Ill.
Superior Spring Hinge Co. (Friction "Superior"), 550 W Lake, Chicago, Ill.

14183— Stays (Fence)

Carbo Steel Products Co., 2600 W 111th, Morgan Park Station, Chicago, Ill.
Chicago Steel Post Co., 209 N Michigan av, Chicago, Ill.
Cyclone Fence Co., Waukegon, Ill.
RED TOP STEEL POST CO., 215 N Michigan av, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Worth Wire Works ("Cinch"), Kokomo, Ind.

14184— Stays (Stair Rail)

Brewer Bros. Co. (Wrought, Screw, Drive or on Plate), 2nd & Somerset, Phila., Pa.

14185-6-7—Stays (Transom

Corbin P. & F., New Britain, Conn.

14188— Steam Feeds

Allis-Chalmers Mfg. Co. (Twin Engine & Direct Acting), Milwaukee, Wis.
Dake Engine Co. (For Sawmill Carriages), Grand Haven, Mich.
Manistee Iron Works Co. (Twin Engine, for Saw Mill Carriage), Manistee, Mich.
Multnomah Iron Wks., 30th & Nicolas, Portland, Ore.

Steam Fitters

See Heating Contractors, Steam & Hot Water

Steam Fitters (High Pressure)

See Piping, High Pressure

14189—Steam Fitters' Supplies

See also Plumbers' Supplies
(For Manufacturers of Steam Specialties see Specific Article Required)

ALABAMA.

BIRMINGHAM—Moore-Handley Hardware Co.
Young & Vann Supply Co.
MOBILE—American Equipment Co.
Courtright Whiting Supply Co.
McGowin-Lyons Hardware & Supply Co.
Standard Equipment Co.
Turner Supply Co.
MONTGOMERY—Lum Machinery & Supply Co.
TALLADEGA—Michael Supply & Roofing Co.

ARIZONA.

NOGALES—Roy & Titcomb
PHOENIX—Thayer Ezra W.

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co.
Speer Hardware Co.
HELENA—Lewis Mill Supply Co., Dept. H
LITTLE ROCK—Cox Thomas & Sons Machy, Co.
Kidd-Bossinger Hardware Co.
PINE BLUFF—Fox Bros. Hardware Co.

JOHN SIMMONS CO

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CATALOGUE OR SPECIAL LITERATURE SENT ON REQUEST

CALIFORNIA.

BAKERSFIELD—Fairbanks, Morse & Co.
FRESNO—Kutner-Goldstein Co.
GRASS VALLEY—Grass Valley Hardware Co.
LOS ANGELES—Busch A. H. Co., 150 N Los Angeles
Crane Co., 321 E 2d
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Harper & Reynolds Co., 152 N Main
Pacific Hardware & Steel Co., 923 E 3d
Pacific Pipe & Supply Co., 1002 Santa Fe
Republic Supply Co., 1725H E 7th
Smith-Booth-Usher Co.
Union Hardware & Metal Co., 411 E 1st
Warren & Bailey Co., 214 E 3rd
OAKLAND—Crane Co. (of Chicago)
SACRAMENTO—Sacramento Pipe Wks.
SAN DIEGO—Hazard-Gould Co.
Machinery Supply Co.
Western Metal Supply Co.
SAN FRANCISCO—Baker Hamilton & Pacific Co., 7th & Townsend
Coast Supply Co., 24 California
Crane Co., 2d & Brannon
Dalziel-Moller Co., 556 Mission
Dominion Asbestos & Rubber Corp., 320 Market
See adv index at end of book
Dunham, Carrigan & Hayden Co., Kansas & Division
Fay Geo. H. Co., 599 Mission
Garrett W. T. & Co., 299 Fremont
General Machy. & Supply Co., 39 Stevenson
Gilchrist W. Erwin, 681 Market
Holbrook, Merrill & Stetson, 6th & Bluxome
Marshall Newell Supply Co., Spear & Mission
Marwedel C. W, 76 First
Moore Chas. C. & Co., Sheldon bldg.
Mushet W. E. Co., 502H Mission
Simon Bros., 981 Mission
Tay Geo. H. Co., 599 Mission
Wagner Jos. Mfg. Co., 165 Beale
Woodin & Little, 33 Fremont
SAN JOSE—Stock Jno. Sons
STOCKTON—Austin Bros.

COLORADO.

CRIPPLE CREEK—Cripple Creek Mine & Supply Co.
DENVER—Garrett-Elliott Hdw. & Heating Co.
Hendrie & Bolthoff Mfg. & Supply Co., Mine & Smelter Supply Co.
O'Fallon M. J. Supply Co.

CONNECTICUT.

BRIDGEPORT—Mills L. H. Co.
Curtis & Curtis Co.
DANBURY—Danbury Hardware Co.
Hull, F. A. & Son
HARTFORD—Bidwell J. & Co.
Hartford Mill Supply Co.
Plimpton & Hills Corporation
MERIDEN—Cashen John J. & Son
MIDDLETOWN—Hale & Kelsey Mills Lyman D. Co.
NAUGATUCK—Page Jno. M. Co.
NEW HAVEN—Foskett & Bishop Co.
Mersick C. S. & Co.
Peck Bros. & Co.
NEW LONDON—Darrow & Comstock Co.
NORWALK—Jones & Hotchkiss Co.
NORWICH—Barstow J. P. & Co.
Norwich Plbg. Supply House
PUTNAM—Putnam Foundry & Machine Co.
TORRINGTON—Agard Hardware Co.
WATERBURY—Barlow Bros. Co.
Daly Bros. Sup. & Engineering Co.
Daly M. J. & Sons

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co.
Shaw Benj. F. Co. son
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Cunningham Plumbing Supply Co., 1234 Penna av, N W
Latterner Arthur, 602 Penna av, N W
Messer Jas. A. Co., Inc., 1000 Penn av, N W
Schafer E. G. & Co., 218 13th N W
Somerville Thos. Co., 312 13th N W

FLORIDA.

JACKSONVILLE—Camerson & Barkley Co.
Christopher J. G. Co.
Farquhar Machinery Co.
Florida Hardware Co.
Hebb H. W. Supply Co., Dept. H
Hubbard S. B. Co.
Savannah Supply Co.
KEY WEST—Curry's, Wm. Sons Co.
OCALA—Masters H. B. Co.
ORLANDO—South Florida Fdry & Mach. Wks.

GEORGIA.

AMERICUS—Sheffield Co.
ATLANTA—Beck & Gregg Hardware Co.
Cotton States Belting & Supply Co.
Crane Co.
General Fire Extinguisher Co.
General Supply Co.
AUGUSTA—Lombard Iron Works & Supply Co.
COLUMBUS—Columbus Iron Works
Philips Hdwe. Co., Dept. H
MACON—Schofield's J. S. Sons Co.
ROME—Battey Machinery Co.
SAVANNAH—Georgia Supply Co.
Marine Hardware & Supply Co.
Savannah Supply Co.
Weed J. D. & Co.
WAYCROSS—Harley P. N. Hardware Co.

IDAHO.

BOISE—Idaho Hardware & Plumbing Co., Ltd.

ILLINOIS.

BELLEVILLE—Karr Supply Co.
BLOOMINGTON—Kelser-Van Leer Co.
BUSHNELL—Bushnell Pump Co.
CAIRO—Woodward Hardware Co.
CHICAGO—Adkins Young & Allen Co., 561 Wash. bl
Baker & Smith Co., 408 N Wells
Boiler & Radiator Sales Co., 126 W Kinzie
Cameron Schroth Co., 415 Rush
Carpenter Geo. B. & Co., 440 North Wells
Channon H. Co., 339 W Randolph
Chicago Engineer Supply Co., 68 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Cook & Chick Co., 18 E Kinzie
Crane Co., 836 Michigan av
See adv index at end of book
Crawford Co., 846 S Canal
Davies Supply Co., 412 W Ontario
Deschauer S. Co., 1345 Blue Island av
Douglass J. E., 180 N Dearborn
Enterprise Plumbing Supply Co., 10 E Kinzie
Federal-Huber Co., 234 N Halsted
Hardin-Lavin Co., 4543 Cottage Grove av
Hennebohle F., 81st & S Chicago av
See adv index at end of book
Henion & Hubbell, 219 N Jefferson
Illinois Malleable Iron Co., 1801 Diversey blvd
Karol B. & Sons Co., 800 S Kedzie av
Keckley O. C. Co. (Specialties), 318 W Washington
Kehm Bros. Co., 15 W Kinzie
Kellogg-Mackay Co., 403 W 18th
Kelly & Jones Co. (of Pittsburgh, Pa.), 155 N Clark
Kroeschell Bros. Co., 440 W Erie

ILLINOIS—Chicago—continued
Kulp C. P. & Co., 1607 S State
Limbert Geo. B. & Co., 558 Fulton
McMaster-Carr Supply Co., 174 N Market
Manning, Maxwell & Moore, 27 N Jefferson
National Plumbing & Heating Supply Co., 6044 S State
Pittsburgh Piping & Equipment Co., 122 S Michigan av
Rollins Supply Co., 17 W Kinzie
Schlangen Bros. Co., 2435 Irving Park blvd
Scott Valve Co., 310 W Randolph
Seehausen, Wehrs & Co. (Engineers' Supplies), 173 N Franklin
Skinner M. B. Co., 562 W Washington
Sorge A. Jr. & Co., Monadnock bldg
VERBEEK HARRY CO. (Mfrs. Agent), 208 N Wells
Walsh W. J. & Co., 503 N Dearborn
Weir & Craig Co., 6316 Wentworth av
Western Kieley Steam Specialty Co., 116 W Ill.
Western Plumbing Supply Co., 3228 Fillmore
Western Valve Co., 188 N Market
Whitney & Ford, 4315 Cottage Grove av
DECATUR—Field & Shorb Co.
JOLIET—Barrett Hardware Co.
MOLINE—Moline Heating & Construction Co.
PEORIA—Kinsey & Mahler Co.
Nallon Bros. Co.
PERU—Brunner Machy Co.
QUINCY—Best E. Plumbing, Heating & Suppy Co.
ROCKFORD—America Heating & Supply Co.
Rockford Brass Works
ROCK ISLAND—Channon & Dufva
STREATOR—Metcalf Chas
Williams Hardware Co. (Wholesale), 113H Vermillion

INDIANA.

ANDERSON—May Supply Co.
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Evansville Supply Co.
FORT WAYNE—National Mill Supply Co.
GREENSBURG—Watson W. A.
INDIANAPOLIS—Central Rubber & Supply Co., 120 S Meridian
Central Supply Co.
Van Camp Hardware & Iron Co., 401 W Maryland
LAFAYETTE—Biggs B. F. Pump Co.
MARION—Marion Hardware Co.
MICHIGAN CITY—Staiger Hardware Co.
MUNCIE—Keiser Geo. & Co.
NOBLESVILLE—Clark Supply House
RICHMOND—Jones Hardware Co. (Jobbers)
TERRE HAUTE—Crane Co. (of Chicago).
Freitag Weinhardt & Co.
Watson John C.
Watson's C. D. Co.
UNION CITY—Knapp Supply Co.

IOWA.

CEDAR RAPIDS—Chandler Pump Co.
Fawcett C. E.
Kubias F. & Co.
Messner & Co.
DAVENPORT—Crane Co. (Of Chicago)
DES MOINES—Beckman Bros.
Crane Co. (Of Chicago)
Globe Machinery & Supply Co.
Kurtz L. H. Co.
DUBUQUE—Deckert W. D. Co.
Kretschmer Mfg. Co.
McDonald A. Y. Mfg. Co. (Jobbers)
Smedley Pump Co.
FORT DODGE—Leighton Supply Co.
KEOKUK—Sutton Wm. P.
MARSHALLTOWN—Dunham C. A. Co.
OSKALOOSA—Ideal Mfg. & Supply Co.
SIOUX CITY—Crane Co.
WATERLOO—Cutler Hardware Co.
Waterloo Mfg. Co.

KANSAS.

ATCHISON—Thayer Supply Co.
FORT SCOTT—Penniman A. C. & Son Hdw. Co.
LEAVENWORTH—Great Western Mfg. Co.
TOPEKA—Topeka Steam Boiler Works
WICHITA—Martin Metal Mfg. Co.

KENTUCKY.

ASHLAND—Ashland Foundry & Machine Works
LOUISVILLE—Ahrens Mfg. Co.
Cowan Andrew & Co.
Falls City Plbg. Sup. Co.
Laib Co.
Morton E. D. & Co., 516 W Main
Pyne Co.
Standard Sanitary Mfg. Co.
Vogel P. A. & Sons, 121 W Main
Waters-Garland Co., 419 W Main

LOUISIANA.

BATON ROUGE—Doherty Hardware Co. Ltd.
NEW ORLEANS—Ahrens & Ott Div., 846 Baronne
Globe Supply & Machinery Co., 627 S Peters
Kittredge-Waters Supply Co, Ltd, 422 Common
Manion & Co., 618 Baronne
Standard Sanitary Mfg. Co.
Stauffer-Eshleman & Co., Ltd., 511 Canal
Whitney Supply Co., 418 S Peters
Woodward, Wight & Co., Ltd., Howard av & Constance
SHREVEPORT—Henderson W. K. Iron Wks & Supply Co.

MAINE.

BANGOR—Babb C. H. & Co.
Union Iron Works
BIDDEFORD—Anthoine Geo. A.
DEXTER—Fay & Scott
FAIRFIELD—Donnelly D. B.
LEWISTON—Hall & Knight Hardware Co.
Stetson Jos. H. Co.
PORTLAND—Blake W. L. & Co.
Plummer C. M. & H. T.
Portland Stove Foundry Co.
Smith & Abbott Co.

MARYLAND.

BALTIMORE—Baltimore Plbg. Supply Co., 3 N Central av
Baltimore Plbg. Suply Co., 3 N Central av
Carey Machinery & Supply Co., 119 E Lombard
Central Metal & Supply Co., 611 E Lombard
Crane Co. (Of Chicago), 624 W. Pratt
For branch offices see alphabetical section
Crook Homer Supply Co., 7 Balderston
Crook H. E. Co., Inc., 28 Light
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 418 East Pratt
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard
Cuyler & Mohler, 611 William
Robertson Jas. Mfg. Co., 108 Hopkins pl
Southern Supply Co., Calvert & Sara
Spedden Supply Co., Boston & Kenwood av
Stebbins, Wallace & Sons, 100 S Charles
Wallace & Gale, 115 S Gay
Wood W. E. Co., 18 N Howard

MASSACHUSETTS.

ADAMS—Weston L. A.
BOSTON—Anderson Geo. P. & Co. (Kieley & Mueller's Specialties), 65 Oliver
Boston Engineers' Supply Co., 159 Pearl
Boston Pipe & Fittings Co., 273 Congress
Braman, Dow Co., 239 Causeway
Brown-Wales Co., 489 C st
Butler Edmund F. & Co., 80 Pearl
Crane Co. (Of Chicago), (Est 1855), 48 W First
Dalton-Ingersoll Mfg. Co., 52 Chauncey
Federal Steam & Gas Supply Co., 36 Purchase
Gallison Wm. H. Co., 399 Atlantic av
Gilchrist Geo. E. Co., 106 High
Gurney Heater Mfg. Co. (Heating Apparatus, etc.), 93-95 Oliver
Hercules Iron & Supply Co., 473 Atlantic av
Houdlette Fred A. & Son (Wrought & Cast Iron Pipe), 93 Broad
Hubbard W. B. & Sons Co., 176 Oliver
Jarvis Engineering Co., 261 Franklin
Johnson-Washburn Co., 91 Haverhill,
Morse, Tenney & Co., 143 Pearl
Morton A. M. & Co., 25 Wash'n
Perrin, Seamans & Co., 57 Oliver
Perry J. P. & Co., 276 Devonshire
Postal Supply Co., 112H High
Sherburne & Co. (Gauges, Valves & Railway Supplies, etc), 53 Oliver
Wacco Supply Co., 30 Marginal, E B
Walker & Pratt Mfg. Co., 31 Union
Walworth Mfg. Co., 798 1st S B
Webb F. W. Mfg. Co., 56 Elm
Widger & Miller Co., 141H Milk
BROCKTON—Corcoran Supply Co.
CAMBRIDGE—Cambridge Plumbing Supply Co.
Corcoran Supply Co., 62 Albany
FALL RIVER—Fall River Steam & Gas Pipe Co. Corp.
Miller Nathan & Sons (Ltd)
FITCHBURG—Jennison Co. (Pipe Fittings)
GARDINER—Royal Steam Heater Co.
HAVERHILL—Mills & McClintock
HOLYOKE—Holyoke Valve & Hydrant Co.
Holyoke Supply Co.
LOWELL—Farrell & Conaton
Hobson & Lawler Co.
Middlesex Machine Co.
LYNN—Bourneuf Louis Corporation
Morgan Jno. F. & Son
Trefethen Frank L.
MIDDLEBORO—Pierce Thos. W. Hardware Co.
MILFORD—Ellis, Clark & Sons
NEW BEDFORD—New Bedford Boiler & Machine Co.
NORTH ATTLEBORO—Hall Wm. M. Co.
PITTSFIELD—Robbins, Gamwell & Co.
SALEM—Ruggles Klingemann Mfg. Co. ("R-K")
SPRINGFIELD—Crane Co. of Springfield
Foss W. J. Co.
New England Plumbing Supply Co.
Oliver & Howland Co.
Wyckoff & Lloyd Co., 19-27 Worthington
TAUNTON—Dighton Foundry Co.
Trefethen D. A.
WORCESTER—Burlingame A. Co.
Callahan J. W. & Son
Central Supply Co.
Rockwood Sprinkler Co.
Washburn & Garfield Mfg. Co.

MICHIGAN.

BAY CITY—Alert Pipe & Supply Co.
Jennison Hardware Co.
Styninger Jno. A.
CALUMET—Carlton Hardware Co.
DETROIT—American Radiator Co., 134 Jefferson
Anchor Packing Co., 139 Congress
Anderson-Kenneth Co., 33 Atwater
Central Distributing Co., 944-950 Harper av
Coon-DeVisser Co., 1772H W Lafayette blvd
Crane Co. (Of Chicago), Atwater & Randolph
Detroit Heating & Lighting Co., Leit & Wright
Detroit Lead Pipe Works, 61 2nd
Detroit Ship Building Co. (Brass Dept) ft Orleans
Edwards H. D. & Co., 16 Woodward av
Harvey's A. Son's Mfg. Co., 28 1st
Kerr Machy. & Supply Co., 100 Beaubien
Kimball Eisenberg Co., 153 E Jefferson av
Michigan Plumbing Supply Co., 346 E Jefferson
Park & McKay, 55 Bagley av
Sales M. W. Co., 315H Jefferson av
Taylor Supply Co., 164 Larned W
Walker Mfg. & Supply Co. Shelby & Woodbridge
GRAND RAPIDS—Barclay Ayers & Bertsch Co.
Ferguson Supply Co.
Leitelt Adolph Iron Works
Sproul & McGurrin Co.
LANSING—Michigan Supply Co.
MUSKEGON—Howden J. J. Co.
Towner Hardware Co.
SAGINAW—Alert Pipe & Supply Co.
Eureka Heating & Ventilating Co. (C. W. Light, Prop.)
Morley Bros.
Saginaw Hardware Co.
SAULT SAINTE MARIE—Soo Hardware Co.

MINNESOTA.

DULUTH—Duluth Plumbing Supplies Co.
Kelly-How-Thomson Co.
Northern Hardware Co.
Marshall-Wells Co.
MINNEAPOLIS—American Radiator Co., 930 Nic av
Central Supply Co., 312 S 3d
Crane Co. (of Chicago)
Engineering & Steam Supplies Co., Plymouth bldg.
Gilmore D. M. Co., 515 S 3d
Kellogg-Mackay Co., 324 S 4th
National Mfg. & Supply Co., 256 3rd av S
ST. PAUL—Crane & Ordway Co., 5th & Rosabel
Robinson, Cary & Sands Co, 4th & Wacouta
Robinson Plumbing Supply Co.
Western Supply Co, Park square

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
NATCHEZ—Feltus Bros.
Schwartz & Stewart
YAZOO CITY—Crane-Hamel Hardware Co.

MISSOURI.

JOPLIN—Joplin Supply Co.
McNeal Machinery Co.
KANSAS CITY—Crane Co. (of Chicago)
Great Western Mfg. Co. (of Leavenworth, Kans.), 1221 Union av
Harbison Mfg. Co.
Kansas City Pump Co., 1314 W 10th
Reeves Supply Co., 1304 McGee
Southwest Plumbing Supply Co, 2030 Walnut
U. S. Water & Steam Supply Co.
Young W. B. Supply Co., 212 Delaware
ST. JOSEPH—Bristol Co.
Horigan Supply Co.
Howe W. B. Supply Co.
Missouri Water & Steam Supply Co.
ST. LOUIS—American Radiator Co. (of Chicago), 410 N B'way
Brockman J. R. Mfg. Co., 617 N 2nd
Cahill-Swift Mfg. Co., 1112 Market
Crane Co. (of Chicago), Est. 1855
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Handlan-Buck Mfg. Co., 210-14 N 3d
Johnson Wm. C. & Sons Machinery Co., 210 Washington av
Materne Mfg. Co., 18th & Gratiot
Nelson N. O. Mfg. Co., 10th & Chestnut
Rumsey L. M. Mfg. Co., 4372 Westminster
Stockhoff Supply Co., 107H N Main
Street J. D. & Co., 41st & Park
SPRINGFIELD—Cooper Harry Supply Co.
Springfield Plumbing Co.
WEBB CITY—Franz Hardware Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter A. M. Hardware Co.
MISSOULA—Missoula Mercantile Co.

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
LINCOLN—Western Supply Co.
OMAHA—American Radiator Co.
Crane Co. (of Chicago)
Omaha Sanitary Supply Co.
U. S. Radiator Corp.

NEW HAMPSHIRE.

CONCORD—Concord Pipe Co.
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Pike & Heald Co.

NEW JERSEY.

BAYONNE—Bayonne Supply Co.
ELIZABETH—Elizabeth Hardware Co.
JERSEY CITY—Gibbons Ernest A. Co., 27 Montgomery
Jersey City Supply Co., 12 Mercer
Perkins Arthur L. Co., 144 12th
NEWARK—Banister & Pollard Co., 306 Market
Crane & Milligan, 54 Mechanic
Egbert W. V. & Co., 35 Mechanic
Factory Supply & Hardware Co., 47 Mechanic
Ironbound Hardware & Supply House, 228 Ferry
Kantor Bros., 134 Little
Macknet & Doremus, 796 Broad
Simmons Pipe Bending Works, 40 Mechanic
NEW BRUNSWICK—Weigel Philip, Jr.
Beith & Reilly Co.
ORANGE—Linsdley John N.
PASSAIC—Friedman A. & J. Co.
Friedman Bros.
New Jersey Engineering & Supply Co.
Passaic Plumbing Supply Co.
PATERSON—Mills H. W. & Co., 59 Washington
Myers Geo. A. & Co., 63 Washington
Quinn Bros.
Smith Abe
Van Winkle J. A. Co., 168 Main
TRENTON—Katzenbach F. S. & Co.
Manufacturers Selling Co.
Warren, Balderston & Co.
WEEHAWKEN—Berger Edw. W. & Bro.

NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co.

NEW YORK.

ALBANY—Albany Hdw. & Iron Co.
Bates Edw. P. (of Syracuse), Fairbanks Co., 364 B'way
Dominion Asbestos & Rubber Corp., Arkay bldg
See adv index at end of book
Hoy & Co.
Russ Herman H. & Sons
ALBION—Waterman Store
BINGHAMTON—Gaylord & Eltapence Co.
Millar Chas. & Son Co.
Shapley & Wells
BUFFALO—Case W. A. & Sons Mfg. Co., Dixon & Ballou, 321 Ellicott
Frontier Water & Steam Sup. Co.
Hamill D. L. Co., 60 Delaware av
Ruckel J. H. & Son, 81 Main
Schaefer Plbg. Supply Co., 146H Clinton
Warren & Dellwardt, 109 Seneca
CANANDAIGUA—Cooley A. E. & Co.
CLYDE—Wood S. W. Engine Co.
COHOES—Sweet & Doyle
GENEVA—Vance Jas. R.
GREENPORT—Hedges Samuel P.
HORNELL—McGuire Chas. F.
JAMESTOWN—Clark Hardware Co.
KINGSTON—Canfield Supply Co.
LOCKPORT—Trevor Mfg. Co.
NEWBURGH—Smith Albert C. & Co.
Smith W. L.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Jacobs Geo. P. & Co., 276 S 9th
Johnson J. D. Co., 43 Boerum pl
McElraevy & Hauck Co., 440 B'way
Munkenbeck Bros., 88 Hamilton av
Phillips, Doup & Co., 60 Pearl
Scollay John A., 74 Myrtle av
Wilfert Jno. Co., 490 Bushwick av

Boroughs of Manhattan and Bronx.

NEW YORK—Bayne Co., 29 Sullivan
Behrer & Co., 81 Beekman
Beith & Reilly Co., 2475 3d av
Bernard-Greenwood Co., 20 Desbrosses
Blue & Queripel Co., 2360 3d av
Boig & Hill, 216 Fulton
Campbell Supply Co., 570 Columbus av
Cornell & Underhill, Greenwich & Spring
Crane Co. (of Chicago), 490 Cherry
Curran Supply Co., 513 W 36th
Dienst A. P. Co., 2604 3d av
Dimock & Fink Co., 220 E 125th
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 67 Murray
See adv index at end of book
Donegan & Swift, 6 Murray
Du Bois F. N. & Co., 247 9th av
Dunham, Carrigan & Hayden Co. (of San Francisco, Cal), 127 Duane
Efron Jacob, 233 Broome
Fairbanks Co., 416 Broome
Flint & Chester, 237 Lafayette
Garrett W. D. & Co., 126 Liberty
Giannini G. W., 437 W 42d
Gibbons Jno. V., 133 Greenwich
Gillis & Geoghegan, 537 W B'way
Greason Mfg. Co., 108 W 99th
Gurney Heater Mfg. Co. (of Boston), 11 E 42nd
Hussey W. H. & Son, 148 W 35th
Kamerman I., 1660 Park av
Keating E. F. Co., 446 Water
Keating Jas. A. & Co., 105 Christopher
Kelly & Jones Co., 15 Park row
Larkin J. K. & Co., 253 Broadway
See adv index at end of book
McLoughlin Supply Co., 47 Cliff
McMann Supply Co., 319 Pearl
McMANN & TAYLOR CO., 104 John
See adv index at end of book
McShane Bell Fdry Co., 50 Church
Malbin Mayer, 303 E 60th
Marine Mfg. & Supply Co., 158 South
Marx S. C. Co., 76 Dey
Montgomery & Co., 105 Fulton
Murray John A. & Co., 310 W 39th
Nason Mfg. Co., 71 Fulton
O'Neil M. Supply Co., 25 Cliff
Page Wm. H. Boiler Co., 141 W 36th
Patterson, Gottfried & Hunter, 149 Lafayette
Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th
Phelps Bros. Co., 101 Beekman
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E. 162nd
Pollock Alex. Co., 203 West
Powhatan Brass & Iron Wks., 340 Hudson
Ransom Stephen, 401 West
Roberts Geo. I. & Bros., 471 4th av
Robertson Jas. L. & Sons, 78-80 Murray
Rogers H. A. Co., 87 Walker
See adv index at end of book
Rumsey Pump & Machine Co., 75 Warren
Russell W. A. & Co., 63 W 37th
Rutzler Enoch Co., 404 E 49th
Sarco Co. Inc., 8 Park pl
Schaad Paul, 179 Pearl
Shapiro A. Plumbing Supply Co., Inc.
SIMMONS JOHN CO., 110 Centre
See adv index at end of book
Smith H. B. Co., 10 E 39th
Standard Plumbing Supply Co., St. Ann's av & 159th
Starratt & Jones Co., 72 Greene
Tufts Walter B., 94 John
Urquhart's John S. Son & Co., 131 Liberty
Walker & Chambers, 222 E 41st
Walworth Mfg. Co. (of South Boston), 19 Cliff

Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307 Jackson av

(End of New York City)

NIAGARA FALLS — Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—American District Steam Co.
OGDENSBURG—Ogdensburg Machine Co.
OSSINING—Barlow & Co.
POUGHKEEPSIE—Adriance Plumbing & Heating Co.
ROCHESTER—Haverstick & Co.
Howe & Bassett Co.
Rochester Vacuum Valve Co.
Sloan Samuel & Co.
SAUGERTIES—Lamb's Daniel Son
SYRACUSE—Bates Edw. P. Co.
Crane Co.
Joy Edw. Co.
Kieffer Bros.
Weekes Jno. & Son Co.
TROY—Aird-Don Co.
Barnum Bros. Co.
Horan Jas. & Co.
Troy Belting & Supply Co.
UTICA—Bates Edw. P.
Millar Chas. & Son Co.
Utica Plumbing Supply Co.
WATERTOWN—Hunting Co.
Weekes Jno. & Son Co.

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
General Fire Extinguisher Co. (of Providence, R. I.)
DURHAM—Durham Iron Works Co.
GOLDSBORO—Dewey Bros.
GREENSBORO—Odell Hardware Co.
NEWBERN—Hyman Supply Co.
New Bern Iron Works & Supply Co.
RALEIGH—Dillon Supply Co., Dept. H
Young & Hughes
WINSTON SALEM—Crawford Mill Supply Co.

OHIO.

AKRON—Hardware & Supply Co. (Pipe & Fittings, etc), 21-29 W Market
Mill & Mine Supply Co., Dept. H
ASHTABULA—McKinnon Iron Works Co.
BUCYRUS—Crawford Supply Co.
CANTON—Canton Hardware Co.
Scioto Valley Supply Co.
CINCINNATI—Blaesi C. W. Co., 238 E 3d
Crane Co. (of Chicago), 824 B'way
Deckebach F. C. Sons Co., 123 W Court
Dominion Asbestos & Rubber Corp., Neave bldg
See adv index at end of book
Geerin Bros. & Co., 423 E 8th
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly *See adv index at end of book*
Merkel Bros. Co., Canal & Jackson
Murdock Mfg. & Supply Co., 426 Plum
Nichol Thos. J. & Co., Pearl & Ludlow
Queen City Supply Co., Pearl & Elm
CLEVELAND—Bissett R. J., Guardian Bldg.
Bliss Supply Co., 815 Long av
Illinois Eng. Co., Williamson bldg
Kennedy Co., Euclid av
Luetkemeyer, 725 Superior av, N W
Pattison W. M. Supply Co., 777 Rockwell av
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W
Ulko Supply Co.
Worthington Geo. Co., 802-832 S Clair av, N. W.
COLUMBUS—Ascher Supply Co., 236 N Third
Columbus Supply Co., 37 W Spring
Scioto Valley Supply Co., Long & 3d
Westwater Supply Co., 150 N 3d
DAYTON—Buckeye Iron & Brass Works
Dayton Supply Co.
Larkin M. D. Supply Co.
Kiefaber W. H. Co.
ELYRIA—Elyria Enameled Products Co. (Glass Enameled, Pipe & Fittings
FINDLAY—Went C. H.
GREENVILLE—Treaty Co.
HAMILTON—Walker John L. Co.
LIMA—Good Tool & Supply Co. (Also Engineers' Supplies)
MANSFIELD—Barnes Mfg. Co.
Ohio Brass Co.
See adv index at end of book
NAPOLEON—Heller-Aller Co.
PORTSMOUTH—Standard Supply Co.
ST. MARYS—Jasperson Supply Co.
TOLEDO—American Plumbers' Supply Co.
National Supply Co.
TROY—Hatfield & Scott
WARREN—Warren Hardware Co.
YOUNGSTOWN — Stambaugh Thompson Co.
Scholl W. J. Co.
ZANESVILLE—Roekel Co.

OKLAHOMA.

OKLAHOMA—Crane Co. (of Chicago)

OREGON.

ASTORIA—Fisher Bros. Co.
PORTLAND—Crane Co. (of Chicago)
Kline M. L. Co., 84 Front
Walworth Mfg. Co., 69H N 12th

PENNSYLVANIA.

ALLENTOWN—Albright Son & Co.
Taylor Wm. H. & Co.
ALTOONA—Standard Supply & Equipment Co.
ASHLAND—Buck Peter E. & Sons
BRADFORD—Bovaird & Seyfang Mfg. Co.
Oil Well Supply Co.
BUTLER—Campbell J. G. & W.
CHESTER—Riley Benj. F.
CHICORA—Hays E. F. & Sons
Hoch Bros.
CLARION—Magee John A. Co.
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Barlow Hardware Co.
DALTON—Dalton Supply Co.
DUBOIS—Dubois Iron Works
DUKE CENTER—Berry & Duke
EMLENTON—Mitchell H. B. & Co.
Weller J. A. & Sons
ERIE—Boettiger & Co.
Erie Mfg. & Supply Co.
Jarecki Mfg. Co.
FREELAND—Freeland Plumbing & Plumbing Supplies Co.
GREENSBURG—Kelly & Jones Co. (of Pittsburgh)
GREENVILLE—Packard H'dware Co.
HARRISBURG—Appleby Bros. & Whittaker Co.,
Mather E. Co.
HAZLETON—Hazleton Machinery & Supply Co.
JOHNSTOWN—National Radiator Co.
Swank Hardware Co.
KINGSTON—Roat A. J. Supply Co.
LANCASTER—Cummings, Bevis & Levan
Raub Supply Co.
Reilly Bros. & Raub
LEBANON—Krause Geo. Hardware Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Shipley Hardware Co.
MOUNT JOY—Moyer Gabriel
OIL CITY—Logan Robt.
Oil Well Supply Co. (of Pittsburgh)
United Hardware & Supply Co.
PHILADELPHIA—Anchor Packing Co., Lafayette bldg
Bridgman Bros. Co., 131 S 31st

STEAM FITTERS' SUPPLIES—continued
PENNSYLVANIA—Philadelphia—cont.
Brogan & Co., 810 Race
Cox & Sons Co., 5th & Chestnut
Crane Co. (of Chicago), 245 Master
CRESSMAN N. C. CO., Drexel bldg
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 110 Walnut
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Fleck Bros. Co., 44 N 5th
Ford & Kendig Co., 1428H Callowhill
Freedman Small & Co., 623 S 6th
Froelich Bros., 142 N 7th
Haines, Jones & Cadbury Co., 1136 Ridge av
Hartman Co., 1231 N Front
Haynes-Thompson Co., 2107 Vine
Hunter & Dickson Co., 241 Arch
Johnson J. D. Co. (of New York), 139 N 7th
Keystone Supply & Mfg. Co., 927 N 9th
Koons E. W. & Co. (Pipe & Fittings, etc), 911 Filbert
Lewis Steam Specialty Co. (Valves & Regulators), 1533 Cherry
McArdle & Cooney, 519 Arch
Maddock & Co., 40 N 6th
Maneely John 247 N 12th
Manning, Maxwell & Moore, Lincoln bldg
Pancoast Henry B. Co., 950 N Front
Penn Engineering Co., 1119 N Howard
Perkes Chas. (Est. of), 627 Arch
Rainear C. J. & Co., 518 Arch
Sachs Wm. A., Germantown av & Girard
Schade Valve Mfg. Co., 2528 N American
Sees & Faber Co., 2008 N Front
Shannon J. Jacob & Co., 1744 Market
Spaulding & Metcalf, 532 Arch
Standard Supply & Equipment Co., N W cor Cherry & 13th
Walls Owen & Stambach Co., 11th & Hamilton
Webb Elisha & Son Co, 136 S Front
Webster Warren & Co., H Stephen Girard bldg
PITTSBURGH—Bailey-Farrell Mfg. Co., 3rd av & Ross
Best Co., Arrott bldg
Bowman Supply & Mfg. Co., 890 Main
Frick & Lindsay Co. (Dealers), Sandusky & Robinson
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Harris Pump & Supply Co., 320 2d av
Hickman V. Q., Union Bank bldg
Hyde Bros. & Co., Commonwealth bldg
Jarecki Mfg. Co. 311 1st av
McKnight Samuel Hardware Co., 225 Federal
Oil Well Supply Co., 215 Water
Pittsburgh Gage & Supply Co., 30th & Liberty av
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R.
Somers, Fitler & Todd Co., 325 Water
Standard Supply & Equipment Co., 29th & Smallman
Turner Chas A., Inc., 3d av & Chancery
Waite Supply Co., 1635 5th
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright George Hardware Co.
Pottsville Supply Co.
READING—Bright & Co.
Reading Laundry & Supply Co.
Reading Heater & Supply Co.
ROUSEVILLE—Rouseville Supply Co.
SCRANTON—Everhart Brass Works
Gaylord & Butler Co.
Gunster Bros.
O'Malley Mfg. Co.
Scott Chas. B. Co.
Weeks R. E. Co.
SHAMOKIN—Sanner Hardware Co.
SHARON—Fruit-Ohl Co.
SOMERSET—Schell P. A. & Co.
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
TUNKHANNOCK—Billings Paul & Sons
WARREN—Pickett Hardware Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Wyoming Valley Supply & Mfg. Co.
WILLIAMSPORT—Keeler E. Co.
Kline & Co.
Moltz Jacob J.
YORK—Motter's Geo F. Sons
Small P. A. & S. Co.

RHODE ISLAND.

PAWTUCKET—Jackson Samuel Co.
PROVIDENCE—Allen & Reed, 178 Dorrance
American Supply Co., 135 Washington
Conlin J. C., 361 Washington
General Fire Extinguisher Co.
Phillips Lead & Supply Co., 91 S Main
R. I. Supply & Sprinkler Co., 156 W Exchange

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.
Cameron & Barkley Co.
Charleston Dry Dock & Machine Co.

TENNESSEE.

CHATTANOOGA—James Supply Co.
JACKSON—Southern Engine & Boiler Mfg. Co.
KNOXVILLE—McClung C. M. & Co.
MEMPHIS—Browne & Borum Co.
Crane Co (of Chicago)
Orgill Bros. & Co.
Riechman-Crosby Co.
NASHVILLE—Bouchard Jno. & Sons Co.
Keith, Simmons & Co.
Nashville Machine Co.

TEXAS.

AUSTIN—Tips Walter Co.
DALLAS—Briggs-Weaver Machinery Co.
Kinnison Bros.
FORT WORTH—Texas Mfg. Co.
Wagner Supply Co., Dept. H
GALVESTON—Shean Paul Co.
HOUSTON—Girten Belting & Packing Co.
Heitmann F. W. Co.
SAN ANTONIO—San Antonio Machine & Supply Co.
TYLER—Connally Walter & Co.

UTAH.

OGDEN—Halverson Bros.
SALT LAKE CITY—Crane Co. (of Chicago), Est 1855
Salt Lake Hardware Co.

VERMONT.

BELLOWS FALLS—Allbee Geo. B. Co.
RUTLAND—Lincoln Iron Works

VIRGINIA.

CHARLOTTESVILLE—Thomas R. L. & Co.
Wood J. Edwin Co.
LYNCHBURG — Barker-Jennings Hardware Co.
NORFOLK—Atlantic Supply Co., Inc.
Empire Machine & Supply Corp.
Seaboard Supply Co.
Southern Supply Co.
Taylor-Parker Co. Inc.
Tidewater Supply Co., Inc.
Virginia-Carolina Supply Co.
Walke Henry Co.
White E. V. & Co.
PETERSBURG—Stratton & Bragg Co.
RICHMOND—Frischkorn Hunter B. (Pipe & Fittings), 801 E Cary
Lindsay J. L. (Inc), 1321 E Main
Smith-Courtney Co.
Southern Railway Supply Co. (Pipe & Fittings), 1323 E Main
Sydnor Pump & Well Co., 1310 E Main
ROANOKE—Nelson Hardware Co. (Pipe & Fittings)
Roanoke Hardware Co.
SUFFOLK—Folk E. L. Co.

WASHINGTON.

BELLINGHAM—Morse Hardware Co.
OLYMPIA—Olympia Hardware Co.
SEATTLE—Bowles Co., 107 Jackson
Crane Co. (of Chicago)
Dominion Asbestos & Rubber Corp.
See adv index at end of book
Puget Sound Machinery Depot, 318 1st av S
Washington Iron Works
SPOKANE—Crane Co. (of Chicago)
Holley-Mason Hardware Co.
Spokane Hardware Co.
TACOMA—Crane Co. (of Chicago)
Hunt & Mottet Co.

WEST VIRGINIA.

CHARLESTON—Capital City Supply Co.
HUNTINGTON—Miller Supply Co.
RANSON—Powhatan Brass & Iron Works
WHEELING—Trimble & Lutz Supply Co.

WISCONSIN.

EAU CLAIRE—Hobbs W. H. Supply Co.
GREEN BAY—Murphy Supply Co.
HURLEY—McConnell Hardware Co.
LA CROSSE—Roosevelt W. A. Co.
MANITOWOC—Richards Iron Works
MILWAUKEE—Bowers W. A. Heating Co., 484 Market
Downey Heating & Supply Co., 615 Clybourn
Hoffman B. Mfg. Co., 257 6th
Hoffmann & Billings Mfg. Co., 100 2nd
Mueller L. J. Furnace Co. (Heating Apparatus & Supplies)
Rom Robt. Co., 1022 St. Paul av
Rundle-Spence Mfg. Co., 63 2d
OSHKOSH—Battis Bros.
RACINE—Davis, O. C.
WAUSAU—Murray D. J. Mfg. Co.

Steam Heating Apparatus

See Heaters, Steam & Hot Water; also Radiator Manufacturers; also Valve Manufacturers, Various Kinds; also Steam Fitters' Supplies, etc.

14189a— *Steamship Agents

PAGE & JONES, Mobile, Ala.
See adv index at end of book

14190— Steam Supplies

Bower Jas. & Co., Inc. (Specialties), Park bldg, Pittsburgh, Pa.
Detroit Steam Appliance Co., Union Trust bldg, Detroit, Mich.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.
Ross Valve Mfg. Co., Troy, N. Y.
Simplex Heating Specialty Co., Lynchburg, Va.
Wright-Austin Co. (Specialties), 315 Woodbridge, W., Detroit, Mich.

Steam Tables for Culinary Purposes

See Cooking Apparatus

14191— Steamers (Barrel)

Heltzel Steel Form & Iron Co., Warren, O.
Oram John S. Co., 1316 E 53rd, Cleveland, O.

14192-3— Steamers (Grain)

Beall Improvements Co., Inc., Decatur, Ill.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

14194— Stearine

American Cotton Oil Co. (Cotton Seed), 65 B'way, New York
Armour & Co., 208 La Salle, Chicago, Ill.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Emery Candle Co. (For Metal Polish), 115 E 4th, Cincinnati, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Klipstein A. & Co. (Wool, Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co. (Imp.), 136 Liberty, New York
Morris & Co., W. S. Yards, Chicago, Ill.
N. Y. Butchers' Dressed Meat Co., 11th av & 39th, New York
Pacific Coast Beef & Provision Co. (Oleo, etc.), Los Angeles, Cal.
Reardon John & Sons Co. (Oleo), Cambridge, Mass.
Scheel Wm. H. (Jobbers), 159 Maiden la, New York *See adv index at end of book*
Southern Oil Treating & Hardening Co., Atlanta, Ga.
Swan Alden S. & Co., 148H Front, New York
Swift & Co., Union Stock Yards, Chicago, Ill.
Wilson & Co., Union Stock Yds., Chicago, Ill.

14195—Steel (Agricultural Implement)

See also Steel Bar Mills; also Steel, Crucible

American Sheet & Tin Plate Co. (Sheet), Frick bldg, Pittsburgh, Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Buffalo Steel Co. (Bessemer, Harrow & Cultivator Bars, Plow Beams, etc.), Tonawanda, N. Y.
Calumet Steel Co. (Bessemer Cultivator Bars, Harrow Tooth Bars, U Harrow Bars, Angles, Channels, etc), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (Bar, Slab & Plow Steel & Shapes, Cultivator & Coulter Steel), Widener bldg, Phila., Pa.
Carbon Steel Co., foot 32nd, Pittsburgh, Pa.
Colonial Steel Co. (Soft Center, Crucible & Open Hearth Plow Steel, etc), 324 4th av, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Open Hearth), Denver, Colo.
Crucible Steel Co. of America (Crucible & Open-Hearth), Oliver bldg, Pittsburgh, Pa.
Electric Alloy Steel Co., Youngstown, O.
Elyria Iron & Steel Co. ("Elisco" High Carbon Shapes, Angles, Tubing, etc.), 232 E 131st, Cleveland, O.
Farist Steel Co., Bridgeport, Conn.
Ferro Concrete Products Co., 53 W Jackson blvd, Chicago, Ill.
Fisher C. W., 52H Broadway, New York
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co. (Open Hearth), 819 Folsom), San Francsico, Cal.
Kelly G. A. Plow Co., Longview, Tex.
La Belle Iron Works (Special Plates, Plow Slabs, etc), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open-Hearth), Buffalo, N. Y.
Laclede Steel Co. Arcade bldg, St. Louis, Mo.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
McInnes Charles E. & Co., Mariner & Merchants bldg, Phila., Pa.
Republic Iron & Steel Co. (Angles, Channels, Plow Beams, U Bars, etc), Youngstown, O.
See Branch Offices Alphabetical Section
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.

14196— Steel (Alkali Drum)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

14197—Steel (Alloy & Carbon)

ALLOY STEEL PRODUCTS CORP., 19 W 44th, New York
See adv index at end of book
American Rolling Mill Co. ("Armico"), Middletown, O.
Anglo-Saxon Supply Co., 290 Pearl, New York
Atlas Crucible Steel Co. ("E. B." Alloy), Dunkirk, N. Y.
Becker Steel Co. of Am., 154 Nassau, New York
Bethlehem Steel Co. (Alloy), So. Bethlehem, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill
Cyclops Steel Co., 120 B'way, New York
Duke Steel Co. Inc., 101 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Dept. H, Youngstown, O.
Electric Steel & Forge Co., 6008 Grant av, Cleveland, O
See adv index at end of book
Electro Steel Co., Inc. ("Gysinge" Alloy & "Ultissimus" Chrome), Curry bldg, Pittsburgh, Pa.
Erie Crucible Steel Co. (Alloy), Erie, Pa.
Frasse Peter A. & Co. (Inc.), 417 Canal, New York. Works: Hartford, Conn.
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Gladium Co., 127 Duane, New York
Grand Lake Products Co., Inc., 431 So. Dearborn, Chicago, Ill.
Hammond Steel Co., 2600H Milton av, Syracuse, N. Y.
HARRISBURG PIPE & PIPE BENDING CO., Herr nr. 10th, Harrisburg, Pa.
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*
Heller Bros. Co., 890 Mt. Prospect av, Newark, N. J.
Hess Steel Corp. (Electric), Loneys la & Biddle, Baltimore, Md.
International High Speed Steel Co., 99 Nassau, New York
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Iron Trade Products Co. (Alloy), Farmers Bank bldg, Pittsburgh, Pa.
Johnson Frank H. (Alloy), 208 S La Salle, Chicago, Ill.
La Salle Steel Co. (Alloy), S Halsted & 23rd, Chicago, Ill.
Lancaster Steel Products Co., Lancaster, Pa. *See adv index at end of book*
Latrobe Electric Steel Co., Latrobe, Pa.
Ludlum Steel Co. (Alloy Tool), Watervliet, N. Y.
Midvale Steel & Ordnance Co. (Alloy), Widener bldg, Phila., Pa.
National Pressed Steel Co., Massilon, O.
National Sales & Trading Co., Cleveland, Ohio
Ontario Electric Steel Co., Inc., Fulton, N. Y.
Potts Horace T. & Co. (Alloy), Dept. H, Third & Wood, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Tacony Steel Co., Franklin Bank bldg, Phila., Pa.
Vanadium-Alloys Steel Co. ("Vasco"), Latrobe, Pa.

14198— Steel (Angles, Channels & Shapes)

Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Church Appliance Mfg. Co. (Cold Rolled "La Salle"), La Salle, Ill.
Concrete Steel Co., 42 B'dway, New York
Fisher C. W., 52 Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Froment & Co., 150 Bank, New York
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hydraulic Steelcraft Co., Cleveland, O.
National Sales & Trading Co., Cleveland, O.
Paterson-Leitch Co., 936 E 67th, Cleveland, Ohio
POLLAK STEEL CO., THE, 486 W 71st, Carthage, Cincinnati, O.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*

14198a—Steel Angles, Channels, I Beams & Trees

See also Steel Structural Mills, and note the matter following each name

Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Concrete Steel Co., 42 B'way, New York
Elyria Iron & Steel Co., 232 E 131st, Cleveland, Ohio
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O.
See adv index at end of book
Griffith Geo. J., Johnstown, Pa.
Larkin J. K. & Co (Also Iron), 253 Broadway, New York
See adv index at end of book
Lukens Steel Co., Coatsville, Pa.
Pollak Steel Co., The, 386 W 71st, Carthage, Cincinnati, Ohio
Veithardt Steel & Metal Corp., 15 Park Row, New York
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

14199—Steel Automobile Sheets

See also Iron & Steel Sheet, Black and Galvanized

American Rolling Mill Co. ("Armco"), Middletown, O.
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Columbia Steel Co. (Frame Steels), Elyria, O.
Crowley John A. Co., 120 Liberty, New York
Falcon Steel Co., Niles, O.
Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston, Boston, Mass.
La Belle Iron Works, Steubenville, O.
La Salle Steel Co., S Halsted & 23rd, Chicago, Ill.
Lindsay Jas. G. & Co. Inc., Commerce Trust bldg, Phila., Pa.
MANSFIELD SHEET & TIN PLATE CO. (THE), Mansfield, Ohio.
Massillon Rolling Mill Co. (Bessemer & Open Hearth), Massillon, O.
Newton Steel Co., Youngstown, O.
West Penn Steel Co., Brackenridge, Pa.
Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*
Wyoming Shovel Works (Open-Hearth, Nickel & Nickel Chrome), Wyoming, Pa.

14200—Steel (Automobile, Special)

Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Youngstown, O.
Frasse Peter A. & Co. (Inc.), 417 Canal, New York. Works: Hartford, Conn.
Hammond Steel Co., Inc., Syracuse, N. Y.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
International High Speed Steel Co., 99 Nassau, New York

Steel Bands & Hoops

See Iron & Steel, Band & Hoop

14201— Steel Bar Mills

See also Iron Bar Mills; also Steel Crucible

American Bridge Co. (Open Hearth), 30 Church, New York
American Car & Foundry Co. (Open Hearth Rounds, Flats & Squares), Syndicate Trust bldg, St. Louis, Mo.
American Horse Shoe Co. (Steel Bars), Phillipsburg, N. J.
American Rolling Mill Co. (Basic Open Hearth), Middletown, O.
Armstrong Geo. W. & Co., Inc. (Steel Bars), Fort Worth, Texas
Atlantic Steel Co. (Basic Open Hearth, Rounds, Flats, Squares, etc), Atlanta, Ga.
Atlas Crucible Steel Co. (High Grade Crucible, LXX High Speed Steels, "Atlas" Tempering Steels, in Squares, Rounds, Flats, Hexagons, ect., for Tools, Drills, Dies, etc.), Dunkirk, N. Y.
Bethlehem Steel Co. (Nickel & Nickel Chrome for Files, Screws, Wire Rods, etc), South Bethlehem, Pa.
Booth J. B. & Co., 216 E Robinson, Pittsburgh, Pa.
Braeburn Steel Co. (Open Hearth & Crucible Bar & Tool Steel), Braeburn, Pa.
Brown & Co. (Crucible Bar & Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.
Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Calumet Steel Co. (Bessemer Rounds Deformed, Squares, Flats, Angles, Channels, etc) 208 S La Salle Chicago Ill.
Cambria Steel Co. (Rounds, Squares & Flats), Widener bldg, Phila., Pa.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth & Bessemer Merchant Bar), Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible Tool Steel), Reading, Pa.
Central Steel Co., Dept. H, Massillon, O.
Chrome Steel Works (Acid & Open-Hearth), Chrome, N. J.
Colonial Supply Co. (Dealers Only), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co. (Bessemer & Open Hearth Merchant Bars), Denver, Colo.
Columbia Tool Steel Co. (Rolled & Hammered Crucible Tool & Machinery), 552 W Lake, Chicago Heights, Ill.
Compressed Steel Shafting Co. (Cold Drawn Steel Bars), Readville, Mass.
Connors Steel Co. (Merchant Bar), Birmingham, Ala.
Crucible Steel Co. of America (Crucible & Open Hearth Merchant Bar & Hammered & Rolled Tool Steel), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel (Forged Crucible Steel, Rounds, Squares, Flats, etc), 120 B'way, New York
Eckels-Nye Steel Co. (Bessemer & High Carbon Merchant Steel), Syracuse, N. Y.
ELECTRIC STEEL & FORGE CO. (Alloy & Carbon Tool Bars), 6008 Grant av, Cleveland, O. *See adv index at end of book*
Elyria Iron & Steel Co., 232 E 131st, Cleveland, Ohio
Empire Galvanizing Co., 2507 E Cumberland, Phila, Pa.
Empire Rolling Mill Co. (Merchant Bar Steel), Bessemer & C. & P. Ry., Cleveland, O.
Erie Iron & Steel Co., Erie, Pa.
Falls Hollow Staybolt Co. (Staybolt), Cuyahoga Falls, O.
Farist Steel Co. (Rolled & Hammered Crucible & Open Hearth), Bridgeport, Conn.
Firth-Sterling Steel Co. ("Blue Clip" Crucible Tool Steel), McKeesport, Pa.
Franklin Steel Works, Franklin, Pa.
Ft. Wayne Iron Steel Rolling Mills,, W Taylor, Ft. Wayne Ind.
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Gulf States Steel Co. (Merchant Bars, Round and Square Edge Steel Tire, Flats, Round & Square), Birmingham, Ala.
HALCOMB STEEL CO. (High Grade Crucible Tool Steel & Rolled & Hammered Crucible & Electric Steel), Syracuse, N. Y. *See adv index at end of book*
Harrow Spring Co. (Merchant & Machinery Steel), Milwaukee, Wis.
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
Highland Iron & Steel Co. (Merchant Bar), Terre Haute, Ind.
Illingworth Jno. Steel Co. (Hammered & Rolled Crucible Steel Bars; also Rerolled & Hammered Open Hearth Steel), Tacony & Lewis, Philadelphia, Pa.
Illinois Steel Co. (Merchant Bars, Bessemer & Open Hearth), 208 S La Salle, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Inland Steel Co. (Merchant & Concrete Reinforcing), First Nat'l Bank bldg, Chicago, Ill.
International High Speed Steel Co. (Bulldog," "Bulldog Special," "International"), 99H Nassau, New York
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
JANSON STEEL & IRON CO. (Rounds, Flats, Squares, etc), Columbia, Pa.
Jones & Laughlin Steel Co. (Rounds, Squares, Ovals, Flats, Hexagons, etc), Ross, Pittsburgh, Pa.
Judson Mfg. Co. (Steel Bars), 819 Folsom, San Francisco, Cal.
Lackawanna Steel Co. (Open Hearth Merchant, Steel Bars, Rounds, Squares & Flats, for Car Builders, Agricultural Implements, Bolts, etc), Buffalo. N. Y.
Laclede Steel Co., Federal Reserve Bk bldg, St. Louis, Mo.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Latrobe Electric Steel Co., Latrobe, Pa.
Lebanon Valley Iron & Steel Co. (Open Hearth Rounds, Squares, Flats, etc), Lebanon, Pa.
Lockhart Iron & Steel Co. (Soft Steel in Bars), McKees Rocks, Pa.
Logan Iron & Steel Co. (Bessemer & Open Hearth Rounds, Flats, Squares, etc), St. Girard bldg., Phila , Pa.
Ludlum Steel Co. (Pure Carbon Crucible Tool Steel for Taps, Dies, Cutters, Reamers, Chisels, Drills, etc), Watervliet, N. Y.
McInnes Steel Co. (Ltd.), (Hammered Tool Steel, High Speed Steel & "Cello" Vanadium Oil Hardening Steel), Corry, Pa.
Nicetown Plate Washer Co. (Medium Steel Bars), 1824 Juniata, Phila., Pa.
Ohio Falls Iron Co., New Albany, Ind.
Flats & Special Shapes), S 10th & Muriel, Pittsburgh, Pa.
Oliver Iron & Steel Co. (Rounds, Squares,
Pacific Coast Steel Co. (Merchants Bars, etc.), Rialto bldg, San Francisco, Cal.
Pardee C. Works (Merchant Bars & Angles), Perth Amboy, N. J.
Philadelphia Steel & Forge Co. (Rolled & Hammered Steel Bars), 50 Church, New York. Works: Tacony, Phila., Pa.
Pigott Steel Co., 632H Frankford av, Cleveland, Ohio
Pittsburgh Crucible Steel Co. (⅝ to 2 inch Rounds, All Sizes Squares & Merchant Flats), Midland, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pollak Steel Co. The, 386 W 71st, Carthage, Cincinnati, O.
Railway Steel Spring Co. (Open Hearth Flats, Rounds, Squares, etc), 30 Church, New York
REPUBLIC IRON & STEEL CO. (Soft & Hard Merchant Steel), Youngstown, O.
See Branch Offices Alphabetical Section

STEEL BAR MILLS—continued

Rockaway Rolling Mill (Steel Bars), Rockaway, N. J.
Scott, Sugden & Lamont, Monadnock bldg., San Francisco, Cal.
SIMONDS MFG. CO. (Electric Furnace) Lockport, N. Y.
See adv index at end of book
Southern California Iron & Steel Co., E 4th & Mateo, Los Angeles, Cal.
Tacony Steel Co., Franklin bldg, Phila., Pa.
Taylor N. & G. Co., 300 Chestnut bldg., Phila., Pa.
Tennessee Coal, Iron & Railroad Co. (Steel Bars), Birmingham, Ala.
Union Rolling Mill Co. (Soft Steel Bars), Aetna rd & E 82nd, Cleveland, O.
United Alloy Steel Corp. (Round, Flat & Square Steel), Canton, Ohio
Upson Nut Co. (Basic Open Hearth up to 1½ in. Diameter Rounds, Flats & Squares), Cleveland, O.
Vulcan Crucible Steel Co. (Crucible & Open Hearth Rolled & Forged), Aliquippa, Pa.
Youngstown Sheet & Tube Co., Youngstown, O.

14201a— Steel Bars

See also Steel Bar Mills

Anglo-Saxon Supply Co., 290 Pearl, New York
Central Steel Co., Dept. H, Massilon, O.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Fishel & Marks Co., ft of Krakaw av, Cleveland, O. *See adv index at end of book*
Ft. Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind.
See adv index at end of book
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hess Steel Corp. (Electric), Loney's la & Briddle, Baltimore, Md.
International High Speed Steel Co., 99 Nassau, New York
Lindsay Jas. G. & Co. Inc., Commerce Trust bldg, Phila., Pa.
Pollak Steel Co. The, 386 W 71st, Carthage, Cincinnati, O.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
RYERSON JOS. T. & SON (Merchant), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Taylor N. & G. Co., Mariner & Merchants bldg, Phila., Pa.
WARD'S EDGAR T. SONS CO. (Stock for Immediate delivery), 260 West, New York *See adv index at end of book*

14202—Steel Bars (Chrome Nickel)

Andrews Steel Co., Newport, Ky.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs) Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy & Steel Co., Youngstown, O.
Electric Steel & Forge Co., 6008 Grant av, Cleveland, O. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
HALCOMB STEEL CO., Syracuse, N. Y.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Laclede Steel Co., Arcade bldg., St. Louis, Mo.
Lancaster Steel Products Co., Lancaster, Pa. *See adv index at end of book*
UNITED ALLOY STEEL CORP. ("Tusco"), Canton, O.
See adv index at end of book

14203—Steel Bars (Finished)

See also Shafting, Polished Steel

Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Erie Iron & Steel Co., Erie, Pa.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O.
See adv index at end of book
Franklin Steel Works, Franklin, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lake Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Inc., Syracuse, N. Y.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Lancaster Steel Products Co., Lancaster, Pa. *See adv index at end of book*
Standard Gauge Steel Co. (Rounds, Squares, Flats, Hexagon & Finished Shapes), Beaver Falls, Pa.

Steel Bars for Reinforced Concrete

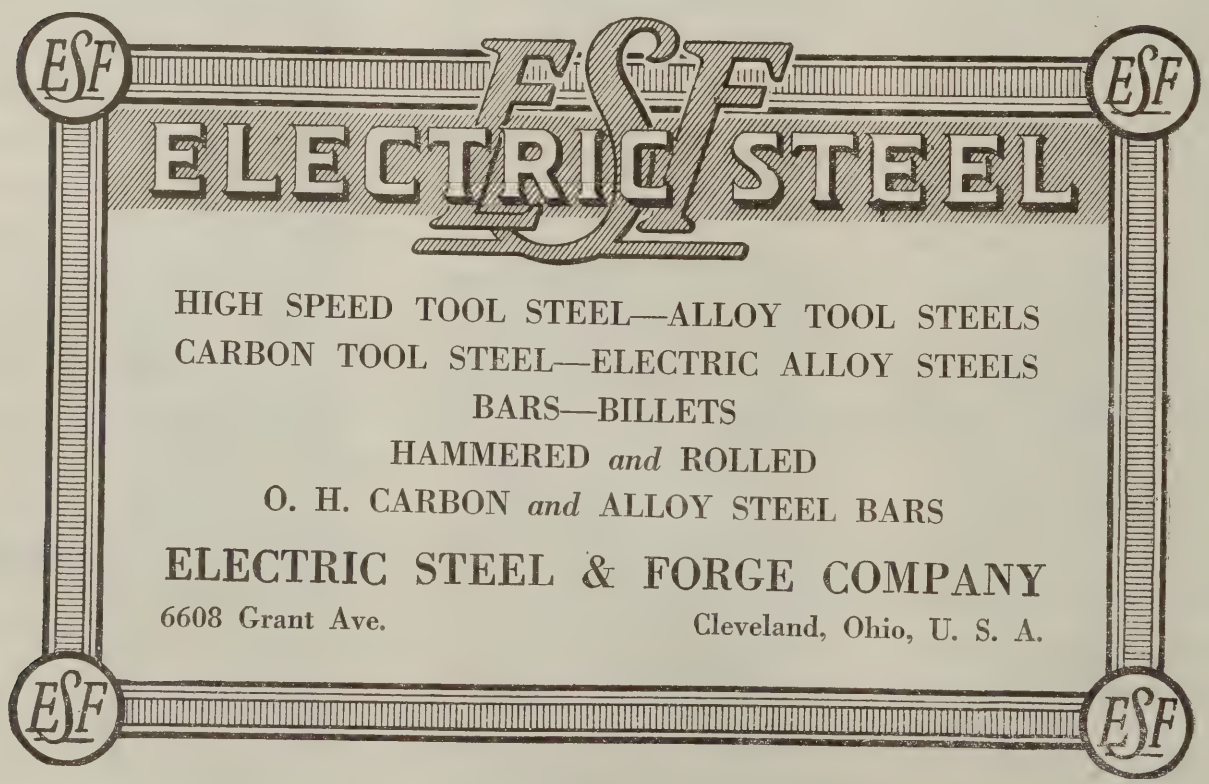
See Concrete Reinforcing Bars, Iron & Steel; also Concrete Reinforcing Materials

14204—Steel Bars (Nickel)

Boker H. & Co., Inc. ("Novo Superior", "Intra", "Gibraltar"), 101 Duane, New York
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs) Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Youngstown, O.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
HALCOMB STEEL CO., Syracuse, N. Y.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Lancaster Steel Products Co., Lancaster, Pa. *See adv index at end of book*
United Alloy Steel Corp., Canton, O.

14205—Steel Bars (Vanadium)

Bethlehem Steel Co. (Open Hearth), S Bethlehem, Pa.
Carnegie Steel Co. (Open Hearth), Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible), Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible & open Hearth), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book



CABLE ADDRESS
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UNIVERSAL EDITION

FULLER STEEL AND IRON COMPANY

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RAIL AND EQUIPMENT
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LOCOMOTIVES AND CARS
SPIKES-BOLTS-TIE PLATES

BARS
REFINED IRON
CHAIN IRON
STAYBOLT IRON
SOFT STEEL
HIGH CARBON STEEL

PLATES
UNIVERSAL
SHEARED

COLD ROLLED STEEL
SCREW STOCK
SHAFTING
NICKEL

ALLOY STEEL
CHROME-VANADIUM
3½% NICKEL

TOOL STEEL
CRUCIBLE
ELECTRICAL FURNACE
OPEN HEARTH
HIGH SPEED

SHEETS
BLACK
GALVANIZED
AUTOMOBILE
DEEP-DRAWING

STRUCTURAL SHAPES

RAW MATERIAL
BLOOMS
BILLETS
SHEET BARS
WIRE RODS

FABRICATED STEEL

TIN PLATE

Electric Alloy Steel Co., Youngstown, O.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Cyclops Steel Co. (Crucible), 120 B'way, New York
Fairley-Davidson Steel Co., 122 Maiden la, New York
Firth-Sterling Steel Co. (Crucible), McKeesport, Pa.
FULLER STEEL & IRON CO., Park bldg, Pitsburgh, Pa.
See adv index at end of book
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
HALCOMB STEEL CO. (Crucible & Electric Furnace), Syracuse, N. Y.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
See adv index at end of book
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
Industrial Supply Co., 41H Broad, New York
International High Speel Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Lancaster Steel Products Co., Lancaster, Pa. *See adv index at end of book*
Latrobe Electric Steel Co., Latrobe, Pa.
United Alloy Steel Corp. (Electric & Open Hearth), Canton, O.
Vanadium-Alloys Steel Co. (Crucible), Latrobe, Pa.
Vulcan Crucible Steel Co. (Crucible & Acid Open Hearth), Aliquippa, Pa.

Steel Beams

See Steel Structural Mills

14206—Steel Bedstead Angles

See also Steel Structural Mills; also Tubing, Various Kinds
Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Eckels-Nye Steel Co., Syracuse, N. Y.
30 Church, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Franklin Steel Works, Franklin, Pa.
Great Lakes Steel Co., Inc., 431 S Dearborn, Chicago, Ill.
Inland Steel Co., First National Bank bldg, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
Lindsay Jas. G. & Co., Inc., Commercial Trust bldg, Phila., Pa.
SWEET'S STEEL CO., Williamsport, Pa.
See adv index at end of book

Steel Billets & Blooms

See Billets, Blooms & Slabs, Steel

Steel Boiler & Tank Plate

See Iron & Steel Boiler & Tank Plate

14207— Steel Bridge Plate

American Bridge Co. (Open Hearth), 30 Church, New York
Carbon Steel Co. (Open Hearth), ft. 32nd, Pitsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Glasgow Iron Co. (Open Hearth Steel; also Iron), Pottstown, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
Maryland Steel Co., Sparrows Point, Md.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section

Steel Bridges

See Steel Structural Work

Steel Buildings

See Steel Structural Work

Steel Ceilings

See Ceilings, Sheet Steel

14207a— Steel (Chimneys)

Graver Corp., E Chicago, Ind.
See adv index at end of book

CONSULT THE INDEX TO TRADES

14208— Steel (Cold Drawn)

Aero Wks. Inc., 89 Warren, New York
Alborn Steel Co., 22 Clarke, New York
AMERICAN STEEL & WIRE CO., (In All Shapes, 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co. (Drill Rod, High Speed & Carbon), Dunkirk, N. Y.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible Steel & Wires), Reading, Pa.
Columbia Steel & Shafting Co. (Drawn, Polished Squares, Flats & Shapes, Hexagons, Etc.), Carnegie, Pa.
Compressed Steel Shafting Co., Readville, Mass.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Bright Drawn), Oliver bldg, Pittsburgh, Pa.
Disston Hy. & Sons, Tacony, Phila., Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Fisher C. W., 52H Broadway, New York
Fitzsimons Co., Youngstown, O.
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
HALCOMB STEEL CO. (Crucible & Electric), Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*
Hercules Electric Steel Corp., 145 Lafayette, New York
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Johnson Frank H., 208 S La Salle, Chicago, Ill.
Jones & Laughlin Steel Co. (Rounds, Squares, Hexagons, Flats, Angles, Zees, etc.), Ross, Pittsburgh, Pa.
Kidd Drawn Steel Co. (Free Cutting Screw, etc), Aliquippa, Pa.
LANCASTER STEEL PRODUCTS CORP. (Rounds, Squares, Drill Rods & Shapes), Lancaster, Pa.
See adv index at end of book
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.

STEEL (COLD DRAWN)—continued

Ludlum Steel Co., Watervliet, N. Y.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Molhrup Steel Products Co. (Flats, Squares, Hexagons), Beaver Falls, Pa.
MULHOLLAND W. J., Commercial Trust bldg, Philadelphia, Pa.
National Drawn Steel Co. (Drills, Rods & Shapes), East Liverpool, O.
Newman C. Wire Co., 25 Church, New York
New England Drawn Steel Co., Mansfield, Mass.
Pardee C. Works (Finished Shapes, Rounds, Squares, Hexagon & Flats, Turned & Polished Shafting), Perth Amboy, N. J.
Peerless Drawn Steel Co. (Rounds, Hexagons, Squares & Flats), Massillon, O.
Pittsburgh Shafting Co., of Detroit (Die Drawing, Nickel, etc), 346 W Fort, Detroit, Mich.
Pittsburgh Tool Steel Wire Co. (Tool for Twist Drills, Taps, etc), Monaca, Pa.
Republic Iron & Steel Co. (Piston & Pump Rods, Lead, Screws, Fine Machine Rods, Line Shafting, etc), Youngstown, O.
See Branch Offices Alphabetical Section
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Gauge Steel Co., Beaver Falls, Pa.
Standard Steel & Wire Co. (Rounds), 549 W Washington bldg, Chicago, Ill.
Stevens Chas. G. Co., 33 S Jefferson, Chicago, Ill.
Tacony Steel Co., Tacony, Phila., Pa.
Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons & Shapes), Beaver Falls, Pa.
United Alloy Steel Corp. (Alloy Steel Bars, Open Hearth, & Electric Furnace), Canton, Ohio
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*
WETHERELL BROS. CO. ("Fitzsimons"), 251 Albany, Cambridge, Mass.
See adv index at end of book

14209—Steel (Cold Drawn Shapes)

Atlas Crucible Steel Co., Dunkirk, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Dahlstrom Metallic Door Co. (Including Angles, Channels & Z Bars, Castings & Cap Mouldings in the Cold Drawn Process, Cut to Specified Lengths & Bent Any Desired Shape), 413 Buffalo, Jamestown, N. Y.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*
International High Speed Steel Co., 99 Nassau, N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Molthrup Steel Products Co., Beaver Falls, Pa.
Peerless Drawn Steel Co. (Special Sections, Alloy Steels), Massillon, O.
Standard Gauge Steel Co., Beaver Falls, Pa.
WARD'S EDGAR T. & SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

14210—Steel (Cold Drawn Vanadium)

Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Cold Rolled & Drawn), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc. (Steel), 191 Pearl, New York *See adv index at end of book*
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
HALCOMB STEEL CO., Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
See adv index at end of book
International High Speed Steel Co., 99 Nassau, N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Union Drawn Steel Co. (Cold Drawn, Bars, Flats, Rounds, Squares & Hexagons), Beaver Falls, Pa.
United Alloy Steel Corp., Canton, O.

14211—Steel (Cold Rolled)

Acme Steel Goods Co. (Light-Hoop, Pickled & Oiled or Cold Rolled, Large Coils), 2834 Archer av, Chicago, Ill.
Aero Wks. Inc. (Band Saw Steel), 89 Warren, New York
Allegheny Steel Co. (Pickled & Cold Rolled Steel Sheets), Oliver bldg, Pittsburgh, Pa.
American Sheet & Tin Plate Co. (Sheet), Frick bldg., Pittsburgh, Pa.
American Steel Co. (Flat), Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Flat Wire, etc.), 208 La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co. (Hoops, Bands, Strips & Sheets), Bridgeport, Conn.
Athenia Steel Co., 135 William, New York
BARNES THE WALLACE CO. ("Barnes-Made" High Carbon Spring), 18 Wallace, Bristol, Conn.
See adv index at end of book
Blancke A. C. & Co. (To Harden & Temper), 602 W Lake, Chicago, Ill.
Brier Hill Steel Co. (Open Hearth Steel Sheets), Youngstown, O.
Cambria Steel Co. (Rounds, Squares, Hexagons, Flats, Angles, Tees & Zees), **Widener bldg, Philadelphia, Pa.**
Canton Sheet Steel Co. (Sheets), Canton, O.
Carpenter Steel Co. (Crucible Steels & Wires), Reading, Pa.
Columbia Steel Co. (Polished Sheets, Bars, Strips, etc), Elyria, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Flats, etc), Oliver bldg, Pittsburgh, Pa.
Cumberland Steel Co. (Flats, Squares & Hexagons), Cumberland, Md.
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fort Pitt Steel & Iron Wks. (Flats Hexagons, Rounds & Squares), 802H Fulton bldg, Pittsburgh, Pa.
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Fulton Fdry Co., 1209 Marquette av, Cleveland, O.
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

LANCASTER STEEL

Cold Drawn 3½% Nickel Steels
Cold Drawn Chrome Nickel Steels
Cold Drawn Chrome Vanadium Steels
Cold Drawn Special Shapes
Brake Band Steel
Cold Drawn Steels of Special Analysis
Cold Rolled High and Low Carbon Strip Steels
Diaphragm Steel
Cold Drawn Bessemer and Open Hearth Screw Stock

Lancaster Steel Products Corporation

MILLS: LANCASTER, PA.
OFFICES: NEW YORK HARTFORD CHICAGO DETROIT

Griffin Mfg. Co., Erie, Pa.
Halcomb Steel Co. (Cold Crucible), Syracuse, N. Y. *See adv index at end of book*
Haring Ellsworth ("Elhar" To Temper), 114 Liberty, New York
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.

HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*
Illingsworth Jno. Steel Co. (Shapes & Bevels), Tacony & Lewis, Philadelphia, Pa. Works: Reading, Pa.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Inland Steel Co. (Basic Open Hearth Sheets), First Nat'l Bank bldg, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Hexagons, Squares, Flats, Bars, Rods, etc), Ross, Pittsburgh, Pa.
Kidd Drawn Steel Co. (Flats), Aliquippa, Pa.

LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book

LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Mansfield Sheet & Tin Plate Co. (The), Mansfield, Ohio
Massillon Rolling Mill Co., Massillon, O.
Newman C. Wire Co., 25 Church, New York
Otis Steel Co. (Sheets), Leader-News bldg, Cleveland, O.
Parkersburg Iron & Steel Co. ("National" Bessemer Sheets), Parkersburg, W. Va.
Paterson-Leitch Co., 936 E 67th, Cleveland, O.
Pigott Steel Co., 632H Frankford av, Cleveland, Ohio
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Shafting Co. of Detroit, 346 W Fort, Detroit, Mich.
Potts Horace T. & Co., Dept. H, Third & Wood, Phila., Pa.
Purdy A. R. Co. Inc, 130 Christopher, New York
Republic Iron & Steel Co. (Rounds), Youngstown, O.
See Branch Offices Alphabetical Section
Rownson, Drew & Clydesdale, Inc., 80 Wall, New York
Ryerson Joseph T. & Son (Shafting), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Schwartz Herrmann, 121 Nassau, New York
Standard Gauge Steel Co., Beaver Falls, Pa.
Standard Steel & Wire Co., 549 W Washington bldg, Chicago, Ill.
Stark Rolling Mill Co. (Sheets), Canton, O.
Strong Homer, Rochester, N. Y.
Superior Steel Co. (For Stamping, Drawing, etc.), 529H Union arcade, Pittsburgh, Pa.
Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons, Sheets & Shapes, Bessemer, Open Hearth, Crucible, Cold Die Rolled Steel), Beaver Falls, Pa.

WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

Washburn Wire Co. (Rounds, Squares & Flats), Phillipsdale, R. I.
West Leechburg Steel Co. (Hot & Cold Rolled Strip), Farmers' Bank bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
West Penn Steel Co. (Open Hearth Sheets), Brackenridge, Pa.

WETHERELL BROS. CO. ("Fitzsimons"), 251 Albany, Cambridge, Mass.
See adv index at end of book

Wheelock Lovejoy & Co. (Sheets, Hot & Cold Rolled, Sales Agents), 140 Nassau, New York
Wood Alan Iron & Steel Co. ("A. W." Sheets), Widener bldg, Philadelphia, Pa.

WORCESTER PRESSED STEEL CO., Worcester, Mass.
See adv index at end of book

14212—Steel (Cold Rolled Sheet & Strip)

American Tube & Stamping Co., Bridgeport, Conn.
Brainerd J. W. Steel Co., Warren, O.
Columbia Steel Co., Elyria, O.
Erie Metal Products Co., Erie, Pa.
Frasse Peter A. & Co. (Inc.), 417 Canal, New York
Fulton Steel & Iron Co., Park bldg, Pittsburgh, Pa.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.

LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book

MULHOLLAND W. J., Commercial Trust bldg, Philadelphia, Pa.
National Pressed Steel Co., Massillon, O.
Paterson-Leitch Co., 936 E 67th, Cleveland, O.
Rownson, Drew & Clydesdale, Inc., 80 Wall, New York
SANGER A. I. & SON (Dealer), National City bldg, Cleveland, O.
Scott, Sugden & Lamont, Monadnock bldg., San Francisco, Cal.
Toledo Iron & Supply Co. The (Jobbers), 651 Spencer, Toledo, O.

WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

14213—Steel (Cold Rolled Strip)

Aero Works, Inc., 89 Warren, New York
American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
American Tube & Stamping Co., Bridgeport, Conn.
Athenia Steel Co., 135 William, New York
Blancke A. C. & Co. (All Tempers), 602 W Lake, Chicago, Ill.
Carpenter Steel Co. (Crucible Spring), Reading, Pa.
Columbia Steel Co. (Flats in Widths From ½ to 20 Inches: In All Gauges From Very Thin to 3-8th inch thick), Elyria, O.
Crosby J. D. Co. (Flat), Dept. H, Dean & Farrel, Pawtucket, R. I.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Elliott-Blair Steel Co. (Fine Bright Dead Soft for Sewing Machines, Typewriter, Bicycle Parts, etc), New Castle, Pa.
Elyria Iron & Steel Co., 232 E 131st, Cleveland, Ohio

FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O.
See adv index at end of book

Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Greer Steel Co., Dover, O.
Griffin Mfg. Co., Erie, Pa.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.

HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*

International High Speed Steel Co., 99 Nassau, New York
La Salle Steel Co., S Halsted & 23rd, Chicago, Ill.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.

LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book

Lindsay Jas. G. & Co. Inc., Commercial Trust bldg, Phila., Pa.
Livermore Homer F. Inc., 85 Pearl, Boston, Mass.
Morris & Bailey Steel Co., State, Pittsburgh, Pa.
National Sales & Trading Co., Cleveland, O.
Newman C. Wire Co., 25 Church, New York

PATERSON-LEITCH CO., 936 E. 67th, Cleveland, O.
Pigott Steel Co., 632H Frankford av, Cleveland, O.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Shafting Co., of Detroit, 346 W Fort, Detroit, Mich.

RYERSON JOSEPH T. & SON, 2558 W. 16th, Chicago, Ill.
See adv index at end of book

Schrock & Squires (Merchts), 293 Pearl, New York
Standard Steel & Wire Co., 549 W. Washington blvd., Chicago, Ill.
Stanford Steel Products Co., Milford, Conn.

STANLEY WORKS (For Deep Drawing, Bending & Blanking), New Britain, Conn. *See adv index at end of book*

Superior Steel Co. (For Stamping & Drawing, etc.), 529H Union Arcade, Pittsburgh, Pa.
Trumbull Steel Co., Warren, O.
Walker W. J. Steel Co., 1722 Columbus rd, Cleveland, O.

WARD'S EDGAR T. SONS CO., (Stock for immediate delivery), 260 West, New York *See adv index at end of book*

Weirton Steel Co., (¾" to 16" any length) Weirton, W. Va.
West Leechburg Steel Co. (For Blanking, Stamping & Drawing), Farmers' Bank bldg, Pittsburgh, Pa.

WETHERELL BROS. CO. ("Morris & Bailey"), 251 Albaugh, Cambridge, Mass. *See adv index at end of book*

Wheelock Lovejoy & Co. (For Blanking & Drawing, Sales Agents), 140 Nassau, New York

WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

Manufacturers of
STRIP STEEL
Hot and Cold Rolled
Worcester Pressed Steel Co.
Worcester Mass.
Branch Offices: New York Chicago
Detroit Indianapolis

14213a—Steel (Cold Rolled Strip Flat Wire)

American Steel Band Co., 886 Progress, Pittsburgh, Pa.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Elliott Blair Steel Co., Dept H, New Castle, Pa.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.

LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book

WARD'S EDGAR T. SONS CO. (stock for immediate delivery), 260 West, New York *See adv index at end of book*

14214— Steel (Copper Clad)

Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.

Steel (Corrugated)

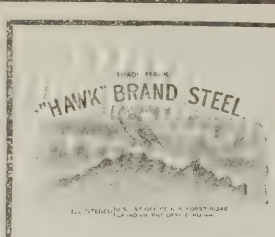
See Iron & Steel, Corrugated

14215— Steel (Crucible)

For Crucible Steel Castings, see Castings, Steel, with the Word Crucible Following Their Name

Aero Works Inc. (Band Saw Steel), 89 Warren, New York
Allen Edgar & Co., 718 W Lake, Chicago, Ill.
Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Atlas Crucible Steel Co. (LXX High Speed Steels, "Atlas" Tempering Steels, in Squares, Rounds, Flats, Octagons, Hexagons, etc., for Tools, Drills, Lathes, Dies, etc), Dunkirk, N. Y.

COLD ROLLED STRIP STEEL
Strips—Sheets—Plates For Stamping and Deep Drawing
Warehouse Stock at Cambridge
New England Agents for Morris & Bailey Steel Co.
WETHERELL BROS. CO. 251 Albany St., Cambridge, Mass.



TOOL and ALLOY STEEL of FINEST QUALITY

"Hawk Brand," "Hawk Vanadium," Ketos Oil Hardening, Etc.

Dreadnaught High-Speed Steel

NEW ENGLAND AGENTS for . . . . . HALCOMB STEEL CO.

Steel of Every Description

HAWKRIDGE BROS. CO., 303 CONGRESS STREET BOSTON, MASS.

STEEL (CRUCIBLE)—continued

Bethlehem Steel Co. (Forgings, Self-Hardening & Carbon Tool Steel Billets, Shafting, Engine Cranks, Forged Armor Plate, etc), South Bethlehem, Pa.

Braeburn Steel Co. (Bar & Tools, Rolled & Forged), Braeburn, Pa.

Brown & Co. (Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.

Carpenter Steel Co. (Tool Steel for Files, Cutlery, Dies, Wire, etc), Reading, Pa.

Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.

Chrome Steel Works (Chrome Steel Plates, Angles, Bars, etc), Chrome, N. J

Colonial Steel Co. ("Colonial" High Speed, Carbon & Special Steel Tools of All Kinds Hammered & Rolled Bars, Plates, Sheets, Forgings, etc), 324 4th av, Pittsburgh, Pa.

Columbia Tool Steel Co. (Rolled & Hammered), 552 W Lake, Chicago Heights, Ill.

Crucible Steel Co. of America (Hammered & Rolled Tool, Die, Agricultural, Plow, Saw, Spring, Cutlery, Plate, Cold Drawn Sheet, Shear Steel & Finest Quality of Tool Steel), Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Co. (High Speed & Carbon, 120 B'way, New York

Disston Henry & Sons (Bar Tool, Cold Roll Bands, Engravers Plates, Flat Wire & Special Steel), Tacony, Phila., Pa.

Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book

Electric Alloy Steel Co., Youngstown, O.

Electric Steel & Forge Co., 6608 Grant av, Cleveland, O.
See adv index at end of book

Erie Crucible Steel Co., Erie, Pa.

Farist Steel Co. (Rolled & Hammered, All Kinds), Bridgeport, Conn.

Firth-Sterling Steel Co. ("Blue Chip" Fine Tool Steel), McKeesport, Pa.

Fisher C. W., 52H B'way, New York

Frasse Peter A. & Co. (Inc.) (High Speed Tool Steel), 417 Canal, New York. Works: Hartford, Conn.

Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*

Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

HALCOMB STEEL CO. ("Ketos" Finest Quality of Steel, Hammered & Rolled Bars, Sheets & Forgings), Syracuse, N. Y. *See adv index at end of book*

Hammond Steel Co., 2600H Milton av, Syracuse, N. Y.

Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.

HAWKRIDGE BROS. CO., ("Hawk," "Hawk H," "Hawk Special," "Hawk Header Die," "Hawk Vanadium," "Hawk Alloy Striking Die," "Hawk Silverware Striking Die," "Ketos," "Standard,") 303 Congress, Boston, Mass. *See adv index at end of book*

Heller Bros. Co. (Clay Crucible Cast Steel), 879 Mt. Prospect av, Newark, N. J.

Illingsworth Jno. Steel Co. (Hammered & Rolled Bars & Sheets for Tools, Saws, Knives, Files, etc), Tacony & Lewis, Phila., Pa.

Imperial Steel Range Co. (Nickel, Chrome & Tungsten Machinery Steel), 2900 Detroit av, Cleveland, O.

International High Speed Steel Co., 99 Nassau, New York

Jessop Steel Co. (Sheet & Saw Steel, etc.), 91 John, New York. Works: Washington, Pa.

Jessop Wm. & Sons (Inc.) ("Jessop's" Best Carbon Tool), 91 John, New York

McInnes Steel Co. (Ltd.) ("McInnes" Crucible Tool Steel, High & Speed & "Cello" Vanadium, Oil Hardening Steel), Corry, Pa.

Merchant & Evans Co., Washington av & 21st, Phila., Pa.

Midvale Steel & Ordnance Co. (Hammered & Forged), Widener bldg, Phila., Pa.

PERKINS STEEL CO., INC. ("Perco," "Automobile," Tool, Nickel & Chrome Nickel), 145 Liberty, New York

Potts Horace T. & Co., Dept H, 3rd & Wood, Phila., Pa.

Rossell Hy. ("Victory," Tool Steel Made in England), 24 S Jefferson, Chicago, Ill.

SIMONDS MFG. CO., Steel Dept. (Saw Plate & Sheet), Lockport, N. Y.
See adv index at end of book

STEEL SALES CORP., 129 S. Jefferson, Chicago, Ill.

Syracuse Crucible Steel Co. (Tool Steel), Syracuse, N. Y.

Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.

Vulcan Crucible Steel Co. (High Grade Tool & Rolled & Forged Products), Aliquippa, Pa.

Wardlow S. & C., 278 Pearl, New York

WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

Wetherell Bros. Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*

Woodward Wight & Co., Ltd. ("Strength & Wear"), Howard av & Constance, New Orleans, La.

14216— Steel (Crushed)

(For Sawing, Grinding & Polishing Granite, Stone, Glass, Brick, etc.

Harrison Supply Co., 209 Washington, Boston, Mass.

Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.

14216a— Steel (Cutlery)

Aero Works Inc., 89 Warren, New York

American Stainless Steel Co., Oliver bldg, Pittsburgh, Pa.

Atlas Crucible Steel Co., Dunkirk, N. Y.

Carbon Steel Co., Ft. 32nd, Pittsburgh, Pa.

Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

International High Speed Steel Co., 99 Nassau, New York

Ludlum Steel Co., Watervliet, N. Y.

WETHERELL BROS. CO., 251 Albany, Cambridge, Mass.
See adv index at end of book

14216b— Steel (Drill)

Anglo-Saxon Supply Co., 290 Pearl, New York

Carbon Steel Co., Ft. 32nd, Pittsburgh, Pa.

Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book

Electric Steel & Forge Co., 6600 Grant av., Cleveland, O. *See adv index at end of book*

Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

International High Speed Steel Co., 99 Nassau, New York

14216c—Steel (Electric, Engine Bolt)

Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.

International High Speed Steel Co., 99 Nassau, New York

OLD DOMINION IRON & STEEL CORP. ("Extra"), Belle Isle, Richmond, Va.
See adv index at end of book

14217—Steel (Electric Furnace)

Apollo Steel Co., Apollo, Pa.

Atlas Crucible Steel Co. (For Magnets, Springs, Ball Bearings), Dunkirk, N. Y.

Blaw Knox Co. (& Acetylene Welded), Freeport rd, Hoboken, Pa.

Carbon Steel Co., Ft. 32nd, Pittsburgh, Pa.

Carpenter Steel Co., Reading, Pa.

Crowley John A. Co. ("Arrow"), 120 Liberty, New York

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.

Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book

Electric Alloy Steel Co., Youngstown, O.

Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*

Electric Steel Co., W 31st & S Wood, Chicago, Ill.

Electro Steel Co., Curry bldg, Pittsburgh, Pa.

Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book

Hammond Steel Co., Inc., Syracuse, N. Y.

Harrow Spring Co., Milwaukee, Wis.

HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass. *See adv index at end of book*

Hess Steel Corp., Loneys la & Biddle, Baltimore, Md.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

International High Speed Steel Co., 99 Nassau, New York

Latrobe Electric Steel Co., Latrobe, Pa.

Ludlum Steel Co., Watervliet, N. Y.

Nat'l Pressed Steel Co., Massillon, O.

Old Dominion Iron & Steel Corp., Belle Isle, Richmond, Va.
See adv index at end of book

Timken Roller Bearing Co., Dept H, Canton, O.

Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.

UNITED ALLOY STEEL CORP., Canton, O. *See adv index at end of book*

Steel (Electrical)

See Iron & Steel Sheet, Electrical

14218— Steel (Emery)

(For Grinding & Rubbing Glass, Marble, etc; also for Grinding in Valves, Steam & Air Joints)

Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

14219— Steel Eye Bar Flats

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.

Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.

Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.

Stolz Jos. & Son, Inc., 841 E 136th, New York

Witherow Steel Co., Keystone bldg, Pittsburgh, Pa

14220—Steel Factory Equipment

See also Specific Article Wanted

Allsteelequip Co., Aurora, Ill.

Angle Steel Stool Co., Otsego, Mich.

Art Metal Construction Co., Jamestown, N. Y.

Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.

Clark W. J. Co., Salem, O.

Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.

Davis & Sherer Co., 113 S Ludlow, Dayton, O.

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Durand Steel Locker Co., 76 W Monroe, Chicago, Ill.

Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.

Fire-Proof Furniture & Construction Co., Miamisburg, O.

Kilbourne & Jacobs Mfg. Co., Columbus, O. *See adv index at end of book*

LEAKE A. G. ERECTING CO., INC. (Bar Stock Racks, Trolley Tracks, Crane, Boiler & Engine Room Ladders, Gratings, Non-Slipping Floor Plates, Machine Guards & Elevator Gates), Ash & Holland av, Bridgeport, Conn.
See adv index at end of book

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.

Manufacturing Equipment & Engineering Co. ("Mecco" Locker, Wash Bowls, Drinking Fountains, Stock & Pattern Racks, Stools, Chairs, etc.), Framingham, Mass.

Medart Fred. Mfg. Co. (Lockers, Steel Shelving, Racks of all Kinds & Sizes, Book Stacks, Catalogue Cabinets, etc), St. Louis, Mo.
See adv index at end of book

Mills Co. (The) ("Factrequipment"), 5320 St. Clair av, Cleveland, O.
See adv index at end of book

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SHELVING, BINS, TABLES
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5320 St. Clair Ave., Cleveland, O.

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

Ohio Mfg. Co. (Barrels, Boxes, Kegs, Pails, Pans, Spittoons, Stools, etc.), P. O. Box 136, Painesville, O.
See adv index at end of book

Terrell's Equipment Co. (Bins, Shelving, Trucks, Lockers, Racks, etc), Grand Rapids, Mich.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Vonnegut Machinery Co., Indianapolis, Ind.
Watson Mfg. Co. (Filing Cabinets, Racks Shelving, etc), Jamestown, N. Y
Wilson Andrew Co. (Lockers, Shelving, Tables, Pans, Cans, etc.), 616 Essex, Lawrence, Mass.
See adv index at end of book

14221-2—Steel (File & Rasp)

Aero Works Inc., 89 Warren, New York
Anglo-Saxon Supply Co., 290 Pearl, New York
Atlas Crucible Steel Co., Dunkirk, N. Y.
Bethlehem Steel Co. S Bethlehem, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Farist Steel Co., Bridgeport, Conn.
International High Speed Steel Co., 99 Nassau, New York
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
National Pressed Steel Co., Massillon, Ohio
Philadelphia Steel & Forge Co., 50 Church, New York
Ward's Edgar T Sons Co. (Stock for immediate delivery), 804 Hudson, New York *See adv index at end of book*

Steel Filing Equipment

See Filing Cabinets & Devices

14223—Steel Fire Box Plate

Carbon Steel Co. (Open Hearth), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
Otis Steel Co. (Open Hearth), Leader-News bldg, Cleveland, O.
Reinforced Concrete Co. (Floor), St. Louis, Mo.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill.
See adv index at end of book

Steel Floor Plate

See Plates, Floor, Iron & Steel

14223a—Steel (For Concrete Construction)

See also Steel (Construction Reinforced)
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston dist, Boston, Mass.
Ingalls Iron Works Co., Birmingham, Ala.
International High Speed Steel Co., 99 Nassau, New York
Lindsay Jas. G. & Co., Inc., Commercial Trust bldg, Phila., Pa.
Lukens Steel Co., Coatsville, Pa.

14223b—Steel (For Stamping and Drawing)

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Carbon Steel Co., Ft. 32nd, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Horner W. S. & Co. (Cold Rolled Sheet), Oliver bldg, Pittsburgh, Pa.
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Morris & Bailey Steel Co. (Sheets, Plates & Strips, Cold Rolled), Slate, Pittsburgh, Pa.
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Stanley Works (Cold Rolled Sheets & Strips), New Britain, Conn.
See adv index at end of book
Superior Steel Co. (Cold Rolled Sheets & Strips), 529H Union Arcade, Pittsburgh, Pa.
Ward's Edgar T. Sons Co., 260 W, New York *See adv index at end of book*
West Leechburg Steel Co. (Cold Rolled Strip), Farmers Bank bldg, Pittsburgh, Pa.
Wetherell Bros. Co. (Cold Rolled Stripes, Sheets & Plates, "Morris & Bailey"), 251 Albany, Cambridge, Mass.
See adv index at end of book
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

14223c—*Steel Forms (Concrete Construction)

See also Concrete Steel Construction
Heltzel Steel Form & Iron Co., The, Warren, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York

14224— Steel Hardening

Atlas Engineering Co., Lincoln, N. J.
Biddle W. S. Co., 1411 E 45th, Cleveland, O.
Bliss A. H. & Co. (High Speed Steel), N. Attleboro, Mass.
Bridgeport Metal Treating Co. (High Speed Steel a Specialty), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Century Steel Co. of America (Oil), Poughkeepsie, N. Y.
European Color & Chemical Co., Hoboken, N. J.
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works: Hartford, Conn.

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18 Madison Avenue - NEW YORK

Metal Hardening Solution Co. ("Kalux" for Tempering & Hardening Steel Tools), Rochester, N. Y.
New England Annealing & Tool Co. (Carbon & High Speed Steel), 74 K, S Boston, Mass.
Scott C. U. & Son, Davenport, Ia.
Sier-Bath Co., 143 W 54th, New York
Steel Improvement & Forge Co. ("Infuso"), 5003 Windsor, Cleveland, O.
Stroh Steel Hardening Process Inc., First Nat'l Bank bldg, Pittsburgh, Pa.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

14225—Steel (High Carbon)

Anglo-Saxon Supply Co., 290 Pearl, New York
Atlas Crucible Steel Co., Dunkirk, N. Y.
Bethlehem Steel Co. (Tool, etc), South Bethlehem, Pa.
BLANCKE A. C. & CO., 116 S Michigan av, Chicago, Ill.
See adv index at end of book
Carbon Steel Co., ft 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. ***See adv index at end of book***
Eckels-Nye Steel Co., Syracuse, N. Y.
Electric Alloy Steel Co., Youngstown, O.
Fairley-Davidson Steel Co., 122 Maiden la, New York
Frasse Peter A. & Co. (Inc.), 417 Canal, New York. Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa.
See adv index at end of book
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Greaves Robt. K. Co., 1336 W Washington blvd, Chicago, Ill.
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Hammond Steel Co., Inc., Syracuse, N. Y.
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
Ind. Rolling Mill Co. (Sheets), New Castle, Ind.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Latrobe Electric Steel Co., Latrobe, Pa.
Ludlum Steel Co. ("Pompton," "Elba"), Watervliet, N. Y.
Plass L. Co., 132 Pearl, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
STEEL SALES CORP., 129 S. Jefferson, Chicago, Ill.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.
Vulcan Crucible Steel Co., Aliquippa, Pa.
Ward's Edgar T. Sons Co. (Stock for immediate Delivery), 260 West, New York *See adv index at end of book*
Warren Iron & Steel Co. (Sheets & Shovel Plate, etc), Warren, O.
Wetherell Bros. Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*
Wheelock Lovejoy & Co. (For Springs, Saws, Buckles, etc., Sales Agents), 149 Nassau, New York

14226— Steel (High Speed)

Firms marked with a (*) star are either Jobbers or Importers; all others are Manufacturers
See also Steel Importers
Aborn Steel Co., 22 Clarke, New York
Aero Wks. Inc., 89 Warren, New York
*Allen Edgar & Co. (Ltd.) ("Allen," Air Hardening, "Allen's Imperial"), 718 W. Lake, Chicago, Ill.
***Andrew Jno. Henry & Co. (Ltd.), ("Toledo," Sheffield, Eng.), 26 Cortlandt, New York**
Anglo-Saxon Supply Co., 290 Pearl, New York
Atlas Crucible Steel Co. (L X X High Speed Steel, Crucible), Dunkirk, N. Y.
Atlas Engineering Co., Lincoln, N. J.
*Becker Steel Co. of America (Becker Cobalt and Modern High Speed Steel), 154 Nassau, New York
Bethlehem Steel Co. ("Bethlehem," Special Tool), South Bethlehem, Pa.
Blancke A. C. & Co., 602 W. Lake, Chicago, Ill.
Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.
*Boker H. & Co., Inc. ("Novo Superior," "Intra," "Gibraltar," Imported), 101 Duane, New York
***Bourne-Fuller Co. ("Scott's I X L"), Hickox bldg, Cleveland, O.**
Braeburn Steel Co., Braeburn, Pa.
Carpenter Steel Co., Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Century Steel Co. of Am., Poughkeepsie, N. Y.
Colonial Steel Co. (Bars, Plates or Sheets), 324 4th av, Pittsburgh, Pa.
Columbia Tool Steel Co. ("Columbia," "Special"), 552 W Lake, Chicago Heights, Ill.
Crowley John A. Co. ("Arrow"), 120 Liberty, New York
Crucible Steel Co. of America ("Champion" High Speed, "Rex A. A. A." & "Rex A. A." "Rex A"), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co., 120 B'way, New York
Disston Hy. & Sons, Tacony, Phila., Pa.
Duke Steel Co., 191 Pearl, New York
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Youngstown, O.
Electro Steel Co. (Electric Furnace Steel), Curry bldg, Pittsburgh, Pa.
Erie Crucible Steel Co., Erie, Pa.
Fairley-Davidson Steel Co., 12 Maiden la, New York
Firth Sterling Steel Co. ("Blue Chip" Firth "Sterling" Special), McKeesport, Pa.
Fisher C. W., 52 B'way, New York
*Frasse Peter A. & Co. (Inc.), 417 Canal, New York. Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Fulton Steel Corp. ("Great Bear"), Fulton, N. Y.
General Cooperage & Timber Co., Whitney-Central bldg., New Orleans, La.
Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Greaves Robt. K. & Co., 1336 W Washington Blvd., Chicago, Ill.
HALCOMB STEEL CO. ("Dreadnought," "Super-Dreadnought"), Syracuse, N. Y.
See adv index at end of book
Hammond Steel Co., Inc. ("Triton"), Syracuse, N. Y.
Haring, Ellsworth ("Elhar"), 114H Liberty, New York
Harrow Spring Co. (Electric), First National Bank bldg., Milwaukee, Wis.
Harvey Arthur C. Co., 506 Cambridge, Allston dist, Boston, Mass.
***HAWKRIDGE BROTHERS COMPANY** (Dreadnought), 303 Congress, Boston, Mass. *See adv index at end of book*
Heller Bros. Co. ("Heller's," Alloy High-speed Tool Steel), 870 Mt. Prospect av, Newark, N. J.
***Hobson-Houghton & Co. (Ltd.), ("Albion" Imp.), 82 Beekman, New York**
***Houghton & Richards (Jobbers), 145 Oliver, Boston, Mass.**
Illingworth Jno. Steel Co. ("Argo"), Tacony & Lewis, Philadelphia, Pa.
INGERSOLL-RAND CO. ("I.-R." Swedish drill steel), 11 B'way, New York
See adv index at end of book
*International High Speed Steel Co. ("Bulldog"), 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Jessop Wm. & Sons (Inc.) (Jessop's "Ark" High Speed Steel), 91 John, New York
Latrobe Electric Steel Co. ("Electric" & "Uranium"), Latrobe, Pa.
Ludlum Steel Co. ("Mohawk"), Watervliet, N. Y.
McInnes Steel Co. (Ltd.), ("McInnes," Vanadium & Cobalt High Speed), Corry, Pa.
Midvale Steel & Ordnance Co. ("Midvale"), Widener bldg, Phila., Pa.
***Morris E. K. & Co. (Cold Drawn & Cold Rolled Bar Strip Steel, Jobbers & Importers), 317 W 2d, Cincinnati, O.**
Ontario Electric Steel Co., Inc. ("Great Bear"), Fulton, N. Y.
Onondaga Steel Co., Inc., Syracuse, N. Y.
*Phillips F. R. & Sons Co. ("Velos," Imported), Penna. bldg., Phila., Pa.
Plass L. Co., 132 Pearl, New York
*Potts Horace T. & Co. ("Rekford," Superior), 318 N 3d, Phila., Pa.
*Rossell Henry ("Victory," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Schrock & Squires, 293 Pearl, New York
Vanadium-Alloys Steel Co. ("Vasco"), Latrobe, Pa.

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Cold Rolled Bars, Rods, Strips. Hot Rolled Bars and Shafts. Billets for Forgings. Sheets, Electric and Special qualities.

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***WARD'S EDGAR T. SONS CO. ("Red Cut Superior"),** 44-54 Farnsworth, Boston, Mass. *See adv index at end of book*

WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

Wetherell Bros Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*

Wheelock Lovejoy & Co. (Sales Agents), 140 Nassau, New York

14226a—Steel (Hollow Drill)

Anglo-Saxon Supply Co., 290 Pearl, New York

Colonial Steel Co., 324 4th av., Pittsburgh, Pa.

Duke Steel Co., Inc., 191 Pearl, New York *See adv index at end of book*

Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*

International High Speed Steel Co., 99 Nassau, New York

United Alloy Steel Corp., Canton, O.

Steel (Hoop)

See Iron & Steel Band & Hoop

14226b—Steel (Hot Die & Alloy)

Atlas Crucible Steel Co. ("Atlas"), Dunkirk, N. Y.

Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*

Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

Hammond Steel Co., Inc., ("Firmus"), Syracuse, N. Y.

International High Speed Steel Co., 99 Nassau, New York

Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.

14227—Steel (Hot Rolled Strip)

American Tube & Stamping Co. (Hoop & Bar), Bridgeport, Conn.

Blancke A. C. & Co. (All Tempers), 602 W Lake, Chicago, Ill.

Carpenter Steel Co. (Crucible Steels & Wires), Reading, Pa.

Disston Hy. & Sons, Tacony, Phila., Pa.

Elliott-Blair Steel Co., New Castle, Pa.

Elyria Iron & Steel Co., 232 E 131st, Cleveland, Ohio

FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O. *See adv index at end of book*

Fort Pitts Steel & Iron Wks. (Bands, Flats, Hexagons, Hoops, Octagons, Half Rounds, Half Ovals, Rounds, Square & Ovals), 802H Fulton bldg, Pittsburgh, Pa.

Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*

Grand Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.

HARRISBURG PIPE & PIPE BENDING CO. (For Stamping), Herr, nr. 10th, Harrisburg, Pa.

Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.

Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.

International High Speed Steel Co., 99 Nassau, New York

La Salle Steel Co., S Halsted & 23rd, Chicago, Ill.

Laclede Steel Co., Arcade bldg., St. Louis, Mo. Works: Alton, Ill.

Livermore Homer F. Inc., 85 Pearl, Boston, Mass.

Merchant & Evans Co., Washington av & 21st, Phila., Pa.

National Pressed Steel Co., Massilon, O.

National Sales & Trading Co., Cleveland, O.

Newport Rolling Mill Co., Newport, Ky.

Philadelphia Steel & Forge Co., 50 Church, New York

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.

Standard Steel & Wire Co., 549 W Washington blvd., Chicago, Ill.

Stanley Works, New Britain, Conn. *See adv index at end of book*

Superior Steel Corp. (For Stamping & Drawing, etc.), 529H Union Arcade, Pittsburgh, Pa.

Tacony Steel Co., Tacony, Phila., Pa.

Trumbull Steel Co., Warren, Ohio

Weirton Steel Co., Weirton, W. Va.

West Leechburg Steel Co. (For Blanking, Stamping & Drawing), Farmers' Bk. bldg, Pittsburgh, Pa.

Wheelock Lovejoy & Co. (For Blanking & Deep Drawing, Also Sheets, Sales Agents), 140 Nassau, New York

Wire & Steel Products Co. Inc., 421 E 22nd, New York

Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

Manufacturers of

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Worcester Pressed Steel Co.

Worcester **Mass.**

Branch Offices: New York Chicago Detroit Indianapolis

14227a—Steel Imitation Brick & Rock Face Siding

See also Roofing & Siding, Iron & Steel

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

Berger Mfg. Co., Canton, O.

Brier Hill Steel Co., Youngstown, O.

Cambridge Roofing Co., Cambridge, O.

Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.

Chattanooga Roofing & Fdy. Co., Chattanooga, Tenn.

Dickelman Mfg. Co., Forest, O.

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*

Eller Mfg. Co., Canton, O.

Falcon Steel Co., Niles, Ohio.

Florida Metal Products Co., Jacksonville, Fla.

Globe Iron Roofing & Corrugating Co., Newport, Ky.

Inland Steel Co., 1st Nat'l Bk. bldg, Chicago, Ill.

Mesker Geo. L. & Co., Evansville, Ind.

Messenger & Parks Mfg. Co. (Steel Brick Siding), Aurora, Ill.

Milwaukee Corrugating Co., Milwaukee, Wis.

Moeschl-Edwards Corrugating Co., Covington, Ky.

New Orleans Roofing & Metal Co. ("Nola"), Cortes & Orleans, New Orleans, La.

Newport Rolling Mill Co., Newport, Ky.

Parkersburg Iron & Steel Co., Parkersburg, W. Va.

Penn Metal Co., 65 Franklin, Boston, Mass.

Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.

Reeves Mfg. Co., Dover, O.

Republic Iron & Steel Co. (Niles Wks.), Niles, O.

St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

Seneca Iron & Steel Co. (Steel Brick Only), Buffalo, N. Y.

Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.

Sykes Co., 930 W 19th pl, Chicago, Ill.

Trumbull Steel Co., Warren, O.

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

14228— Steel Importers

Allen Edgar & Co. (Ltd.), ("Edgar Allen," Tool Steel, etc), 718 W Lake, Chicago, Ill.

Boker H. & Co., (The Sir Joseph Jonas, Culver & Co. (Ltd.) Tool Steel, Drill Rods, Needle Wire, Hot & Cold Rolled Sheet Steel, Steel for Wagon, Clock and Other Springs, Steel & Crucible Wire Rods, etc), 101 Duane, New York

Brown-Wales Co. (Refined Iron, Bars, Angles, Tees, Plates, Structures, Material Steel Balls & Mechanical Tubing), 489 C, Boston, Mass.

Burrows Thos C., 17 Burling Slip, New York

Comstedt Jas. F. A. (Impt. & Export), 120 B'way, New York

Darwin & Milner ("A. B. C." High Speed & Alloy), 156 B'way, New York

Dill-Crosett, Inc., 235 Pine, San Francisco, Cal.

Duke Steel Co. Inc., 191 Pearl, New York *See adv index at end of book*

Fairley-Davidson Steel Co., 122 Maiden la, New York

Grant, Robert, Woolworth Bldg, New York

Harvey Arthur C. Co. (Norway & Swedish Iron & Steel), 506 Cambridge, Allston dist., Boston, Mass.

Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*

Hidalgo Steel Co., 253 B'way, New York

Hobson-Houghton & Co. (Tool Steel, Needle Wire, Bright Drill Rods, "Soho," Self-Hardening Steel, etc), 83 Beekman, New York

Houghton & Richards ("Styrian" Tool Steel & "Low Moor" & "Farnley" Iron), 145 Oliver, Boston, Mass.

Ingersoll-Rand Co. ("I-R" Swedish Drill Steel), 11 B'way, New York *See adv index at end of book*

Jessop Wm. & Sons (Inc.), (Bars, Sheets & Plates, "Jessop's" Best Carbon Tool Steel & Jessop's "Ark" High Speed Steel), 91 John, New York

Leavitt C. W. & Co. (Iron & Steel Bars & Shapes), 34 Church, New York

Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa. *See adv index at end of book*

Milne A. & Co. (Norway Iron & Steel, Blooms, Billets, Bars, Wire, Rivet & Nail Rods, etc), 741 Washiongton, New York

Milnor & Goedman ("Excelsior High Speed," "Excelsior Superior"), 17 Bridge, New York

Naylor & Co., 120 B'way, New York

Newkirk Jno. B. & Co. (Structural Shapes, Bars, Sheets, etc.), 1502 Market, Phila., Pa.

Page-Newell & Co., 93 Broad, Boston, Mass.

Phillips F. R. & Sons Co. ("Velos" High Speed Tool), Penna. bldg, Phila., Pa.

Plass L. Co., 132 Pearl, New York

Potts Horace T. & Co. (Bars, Angles, Tees, Slabs, Beams, Channels, Billets, Blooms, Sheet Bars, etc), 318 N 3d, Phila., Pa.

Prosser Thos. & Son, 15 Gold, New York

Swedish Iron & Steel Corp., 12 Platt, New York *See adv index at end of book*

Todd John H. L., 50 Broad, New York

Victor Steel Co., 50 Broad, New York

Wardlow S. & C. (Tool Steel, Cast & Double Shear Steel, Cutlery Steel, Steel for Watches & Other Springs, etc.), 278 Pearl, New York

Wetherell Bros. Co. (Kayser, Ellison & Co., Ltd.) (Bar, Sheet & Wire), 251 Albany, Cambridge, Mass. *See adv index at end of book*

Wheelock Lovejoy & Co., 140 Nassau, New York

Wilckes J. Co. ("Sandviken" Swedish High Carbon Tempered & Polished Steel), 135 William, New York

14228a— Steel Inspection

HUNT ROBERT W. & CO., 175 W Jackson blvd, Chicago, Ill.
See adv index at end of book

14229— Steel (Jail Bar)

Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa.
See adv index at end of book
International High Speed Steel Co., 99 Nassau, New York

14230—Steel (Locomotive Boiler)

Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co. (Open Hearth Steel), Harrisburg, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S Lasalle, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lukens Steel Co., Coatesville, Pa.

14230a— Steel (Machinery)

Potts Horace T & Co., 316H N 3rd, Phila., Pa.
Tacony Steel Co., Franklin Bank bldg, Phila., Pa.

14231 Steel (Magnet)

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Atlas Crucible Steel Co. ("Acsco" Magnet Steel), Dunkirk, N. Y.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co., 120 B'way, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Dept. H, Youngstown, O.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Fairley-Davidson Steel Co., 122 Maiden la, New York
Halcomb Steel Co. (Tungsten & Chrome), Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Harrow Spring Co., Milwaukee, Wis.
Hawkridge Bros, 303 Congress, Boston, Mass. *See adv index at end of book*
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
Hess Steel Corp., Lowneys la & Eager, Baltimore, Md.

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International High Speed Steel Co., 99 Nassau, New York
Latrobe Electric Steel Co., Latrobe, Pa.
Lindenberg Steel Co., 90 West, New York
Ludlum Steel Co. ("Mohawk" Extra "Pompton" Special "Huron" "Utica," Watervliet, N. Y.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Tacony Steel Co., Tacony, Phila., Pa.
Vanadium-Alloys Steel Co. ("Vasco"), Latrobe, Pa.
Wetherell Bros. Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*

Steel (Manganese)

See Castings, Manganese Steel

14231a—Steel Merchants, Agents, etc.

Americal Steel Export Co,, Woolworth bldg, New York
Anglo-Saxon Supply Co., 290 Pearl, New York
Asheville Supply & Fdry. Co., Asheville, N. C.
Bennett & Brooks, Inc., 226H Lafayette, New York
Berendsen Sophus Inc., 15 Broad, New York
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Burke Wm. B. Steel Co., 30H Sherer, Rochester, N. Y.
Buschman Bros., Park Row bldg, New York
Carroll Steel Co., 15 Park row, New York
Commercial Shearing & Stamping Co. The, Youngstown, O.
See adv index at end of book
Comstedt Joseph F. A., 120 B'way, New York
Crouch W. J. Co., 68 Williams, New York
Crozier R. J. Co., North American bldg., Phila., Pa.
Denman & Davis, 85-91 Lafayette, New York
Dill-Crosett Co., 235 Pine, San Francisco, Cal.
Douglas Geo. B., 29 B'way, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Federal Tool & Alloy Steel Corp. (Carbon & High Speed, Federal Solid & Hollow Drill), 233 B'way, New York
Fisher C. W., 52H Broadway, New York
Froment & Co., 150 Bank, New York
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Gladium Co., 127 Duane, New York
Grant Robert, 233 B'way, New York
Greene-Wolf Co., 30 Church, New York
Gunn, Carle & Co., 444 Market, San Francisco, Cal.
Haring Ellsworth, 114H Liberty, New York
Hartel Bros. & Co., 307 Atlantic av, Boston, Mass.
HAYES EQUIPMENT CO., Engineers bldg., Cleveland, O.
Independent Iron & Steel Co., 24 California, San Francisco, Cal.
Kaufman E. & Co., 2H Rector, New York
Leavitt C. W. & Co., 34 Church, New York
Liberty Steel Products Co., 233 B'way, New York
Livermore Homer F. Inc., 85 Pearl, Boston, Mass.
McInnes Charles E. & Co., Mariner & Merchants bldg., Phila., Pa.
McMeekan David, 145H S 30th, Phila., Pa.
Marks Steel Supply Co., 10802H Quebec av, Cleveland, Ohio
National Trading Co., Swetland bldg, Cleveland, O.
Neumeyer & Dimond, 82 Beaver, New York
New York Iron & Steel Products Co., 143 Chambers, New York
Northwestern Hdwe. & Steel Co., 48 N 14th, Portland, Oregon
Patriarche & Bell (Jobbers), 350 West, New York
Penna. Steel Export Co., 940 N Front, Phila., Pa.
Potts Henry & Co., Real Estate Trust bldg, Phila., Pa.
Pray Milton, Monadnock bldg, San Francisco, Cal.
Purdy A. R. Co. Inc., 130 Christopher, New York
Roechling Electro Steel Co., 173 Lafayette, New York
Rulofson A. C. Co., Monadnock bldg., San Francisco, Cal.
SANGER A. I. & SON, National City bldg, Cleveland, O.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Scovel Iron Stone Co., 754 Howard, San Francisco, Cal.
Simon & Mills, Inc., 25H Leonard, New York
Soulé Edw. L., Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Steel Products Export Corp., 120 B'way, New York
Steel Sales Corp., 129 S Jefferson, Chicago, Ill.
Street R. R. Co., 549 Washington blvd, Chicago, Ill.
Stulz-Sickles Co., 121 Lafayette, Newark, N. J.
Toledo Iron & Supply Co. The (Jobbers), 651 Spencer, Toledo, O.
U. S. Steel Products Co., 30 Church, New York
Uihlein Julius & Co., 208 Elm, Cincinnati, Ohio
Victor Iron Supply Co., 4077 Park av, New York
Vought & Williams, 365 Greenwich, New York
WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*
Wheelock Lovejoy & Co., 140 Nassau, New York
Wilson E. H. & Co., Com'l Trust bldg, Phila., Pa.

14232—Steel Mine & Mill Buildings (Constructors of)

Ingalls Iron Works Co., Birmingham, Ala.
Lukens Steel Co., Coatsville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14233— Steel (Nickel)

Aborn Steel Co., 22 Clarke, New York
Allen Edgar & Co. (Ltd.) (Chrome Nickel & Nickel, Imp.), 718 W Lake, Chicago, Ill.
Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Andrews Steel Co., Newport, Ky.
Bethlehem Steel Co., South Bethlehem, Pa.
Bitz-Pierce Co., (Merchants), 2230 E 9th, Cleveland, O.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
Central Steel Co. ("Agathor" Bars, Billets & Slabs), Massillon, O.
Century Steel Co. of America, Poughkeepsie, N. Y.
Colonial Steel Co. (Bars, Plates & Sheets), 324 4th av, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Company of America (Rerolled, etc), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co. 120 B'way, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Electrical Alloy Co. ("Phoenix" Ribbon, Strips & Wire), Morristown, N. J.
Electric Alloy Steel Co., Youngstown, O.
Electro Steel Co., Inc. ("Electro"), Curry bldg, Pittsburgh, Pa.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv index at end of book*
Frasse Peter A. & Co, (Inc.), 417 Canal, New York; Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Inc., The, Syracuse, N. Y.
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress Boston, Mass. *See adv index at end of book*
Heller Bros Co., 870 Mt. Prospect av, Newark, N. J.
Hess Steel Corp. (Also Chrome Nickel Steel), Lowneys la & Biddle, Baltimore, Md.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Mesta Machine Co. (Castings, Forgings, etc.), Box 1124, Pittsburgh, Pa.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
National Pressed Steel Co., Massilon, O.
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Tool Steel Wire Co. (Drawn for Shafts, Axles, Bolts, etc.), Monaca, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Tacony Steel Co., Tacony, Phila., Pa.
United Alloy Steel Corp. ("Argis" Billets, Slabs & Merchant Bars), Canton, Ohio
WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York. *See adv index at end of book*
Wyoming Shovel Works (Also Nickel Chrome), Wyoming, Pa.

14234— Steel (Non-Magnetic)

Andrews Steel Co., Newport, Ky.

14234a—Steel (Open Hearth)

(See also Rolling Mills (Iron & Steel)
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
Hawkridge Bros. Co., ("Yellow End," "White End," "Blue End," "Green End"), 303 Congress, Boston, Mass.
See adv index at end of book
Lancaster Steel Products Corp., Lancaster, Pa. *See adv index at end of book*
Southern California Iron & Steel Co. (Bars), E 4th & Mateo, Los Angeles, Cal.
Timken Roller Bearing Co., Dept. H, Canton, O.

Steel Pipe

See Pipe & Tube Mills

Steel Plate

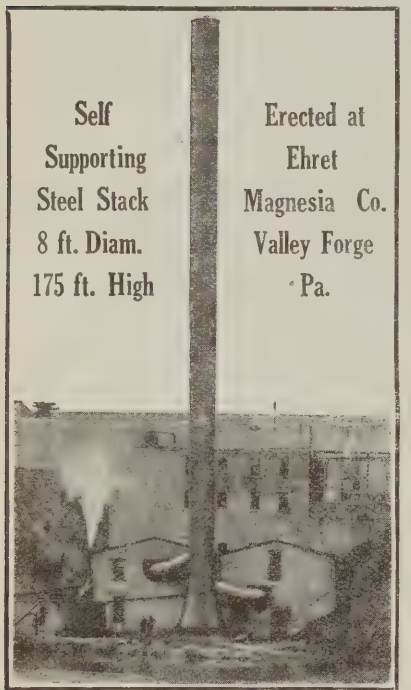
See Iron & Steel Boiler & Tank Plate; also Steel Fire Box Plate

14235— Steel Plate Work

Allentown Boiler Works, Allentown, Pa.
American Iron Works, Louisville, Ky.
Atlantic Works, 80 Border, East Boston, Mass.
Baker Iron Wks., Los Angeles, Cal.
Baltimore Dry Dock & Ship Bldg Co., Ft. East Fort av, Baltimore, Md.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Beckley Perforating Co. (Light), Garwood, N. J.
Bichler Mfg. Co., St. Joseph, Mo.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Freeport rd, Hoboken, Pa. Pittsburgh, Pa.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.

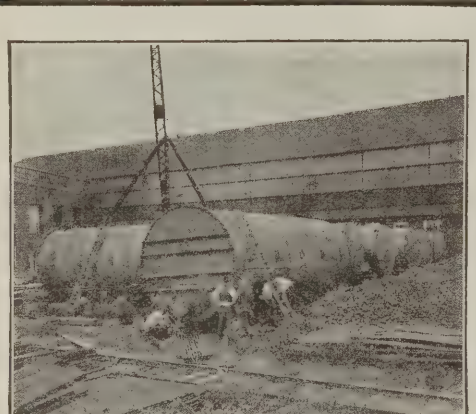
STEEL PLATE WORK—continued

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Bridgeport Boiler Works Co., Bridgeport, Conn.
Buckeye Boiler Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Cathell Bros. & Co., Fort av, & Lawrence, Baltimore, Md.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connellsville Iron Works, Connellsville, Pa.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
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Daly M. J. & Sons, Waterbury, Conn.
Dominion Iron & Steel Co., Ltd., 15 John, New York
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book.*
Drake-Williams-Mount Co., Omaha, Neb.
Duff Patents Co., Frick bldg, Pittsburgh, Pa.
Duncan Co., The, 508 Water, Toledo, Ohio
Erie City Iron Works, Erie, Pa.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
GERDES & CO., 42 Church, New York *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Graves & Marshall Co., Dayton, O.
Gussett Boiler Wks., 1140 Marion av S. W., Canton, O.
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
HAMMOND IRON WORKS, Warren, Pa. *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hay Foundry & Iron Works, Plum Point la, Newark, N. J.
Heggie James G. & Sons, Joliet, Ill.
Heggie W., Joliet, Ill.
HELTZEL STEEL FORM & IRON CO. THE, Warren, O.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Hodge Boiler Works, 99 Sumner, E Boston, Mass.
HOLMES ROBT. & BROS., Danville, Ill. *See adv index at end of book*
Independent Bridge Co., May, Pittsburgh, Pa.
International Boiler Wks. Co., E. Stroudsburg, Pa.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Ironton Punch & Shear Co., Ironton, O.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jackson & Church Co., Saginaw, Mich.
Johnston Bros., Ferrysburg, Mich.
Kansas City Structural Steel Co., Kansas City, Mo.
Kensington Structural Steel Co., Venango & G, Phila., Pa.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Lacy Mfg. Co. (Of Any Description), Los Angeles, Cal.
Lake Erie Boiler Wks., Buffalo, N. Y.
Lakeside Bridge & Steel Co., 402 Villard av, N Milwaukee, Wis.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lasker & Minck, 220 B'way, New York
Lebanon Boiler Works, Lebanon, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Lindsay W. W. & Co., Harrison bldg, Philadelphia, Pa.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Engineering Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Const. Co., Lowellville, Ohio
Memphis Steel Constr. Co., Maggee bldg, Pittsburgh, Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Michelmann Steel Construction Co., Quincy, Ill.
Midland Barge Co. (& Construction), Midland, Pa.
Mitchell-Tappen Co., 15 John, New York
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
Nashville Bridge Co., Nashville, Tenn.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Nelson N. P. Iron Works, 212 40th, Brooklyn, N. Y.
New England Iron Works Co., Summer, Boston, Mass.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron & Wks. Co. Inc., Dept. H, Hagerstown, Md.
Niles Forge & Mfg. Co., Niles, O.
Novelty Steam Boiler Works (Tripplett & Jennings, Props.), 917 S Howard, Baltimore, Md.
Oil City Boiler Works, Oil City, Pa.
Otis Steel Co., Leader News bldg., Cleveland, O.
Peerless Steel Co., Ardmore, Okla.
Penn Foundry & Mfg. Co., Reading, Pa.
Penna. Engineering Wks., New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Pollock Wm. B. Co., Youngstown, O.
Puget Sound Boiler Works, Seattle, Wash.
Quaker City Iron Works, Tioga & Richmond, Phila.. Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Riter-Conley Co., Oliver bldg., Pittsburgh, Pa.
Roberts Iron Works Co., Cambridge, Mass.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa. *See adv index at end of book*
Scannell Boiler Works, Lowell, Mass.
Shaw Benj. F. Co., Wilmington, Del.
Schofield's J. S. Sons Co., Macon, Ga.
Shoemaker Lewis F. & Co., 2 S 15th, Phila., Pa.
Smith Samuel & Son Co., Paterson, N. J.
Southern Boiler & Tank Works, Memphis, Tenn.
Speirs Bros., New London, Conn.
Sprenger Joseph & Sons, 1186 W Jefferson av, Detroit, Mich.
Stacey Mfg. Co., Township av, Elmwood, & Big 4 R. R., Cincinnati, O.
Standard Boiler & Plate Iron Co., Niles, O.
Steel Plate Products Co., Pottstown, Pa.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Struthers-Wells Co. (Riveted & Welded for Oil Refineries, Sugar Refineries, Soap Factories, Wood Alcohol & Turpentine Plants), Warren, Pa.
Tippett & Wood, Philipsburg, N. J.
Titusville Iron Co., Titusville, Pa.
Tofte Boiler & Sheet Iron Works, Houston, Texas
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Machny. Co., Tulsa, Okla.
Turl Engineering Works, Inc., 39 Cortlandt, New York
Turl Iron & Car Co. (Inc), The, 50 Broad, New York. Works: Newburgh, N. Y.
Twin City Boiler Works, Bristol, Va.
Union Iron Works, Hoboken, N. J.
United Boiler Heating & Foundry Co., Hammond, Ind.
Utica Steam Engine & Boiler Works, Utica, N. Y.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Warren City Tank & Boiler Co., Warren, O.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co., Chester, Pa.
Wholey Boiler Works, 95 Whipple, Providence, R. I.
Youngstown Boiler & Tank Co., Youngstown, Ohio


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Steel Plates & Heads (Sheared)

See Boiler Heads, Flanged & Dished

14236—Steel Plates & Sheets

Aero Wks. Inc., 89 Warren, New York
Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Ashland Iron & Mining Co., Ashland, Ky.
Bethlehem Steel Co., Steelton, Pa.; & Sparrows Point, Md.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Brier Hill Steel Co., Youngstown, Ohio
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
CARNICK BROS. CO. (Warehouse), 13 Oak Hill av, Youngstown, O.
Central Iron & Steel Co., Harrisburg, Pa.
Cleveland Steel Co., Kirby bldg, Cleveland, Ohio
Colonial Iron Wks Co., 881-885 E 67th, Cleveland, Ohio
COMMERCIAL SHEARING & STAMPING CO. THE (Warehouse), Youngstown, O. *See adv index at end of book*
Crucible Steel Co. of America (Special Quality of Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Donner Steel Co., 475 Abbott rd, Buffalo, N. Y.
Electro Steel Co. Inc., Curry bldg, Pittsburgh, Pa.
Falcon Steel Co., Niles, Ohio
Forged Steel Wheel Co., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Products Co., 431 S Dearborn, Chicago, Ill.
Halcomb Steel Co. (Sheet Only), Syracuse, N. Y. *See adv index at end of book*
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Hudson Sheet & Tin Plate Co., Hickox bldg., Cleveland, O.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Light Open Hearth), 1st National Bank bldg, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
La Belle Iron Works (No. 30 & Heavier), Steubenville, O.
Lackawanna Steel Co., Buffalo, N. Y.
Lukens Steel Co. (Open Hearth, Plates Only), Coatesville, Pa.
Mahoning Valley Steel Co. ("Marasco" Sheets), Niles, Ohio.
Massillon Rolling Mill Co., Massillon, O.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Nagle Steel Co., Pottstown, Pa.
National Pressed Steel Co., Massilon, O.
Newton Steel Co., Youngstown, Ohio
Ohio Corrugating Co., Warren, O.
Otis Steel Co. (Open-Hearth Steel Plates & Sheets), Leader-News bldg, Cleveland, O.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
See adv index at end of book
REPUBLIC IRON & STEEL CO. (Open Hearth, Soft & Hard Merchants, Plates Only), Youngstown, O.
For branch offices see alphabetical section
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Toledo Iron & Supply Co. The (Jobbers), 651 Spencer, Toledo, O.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Twin City Boiler Works, Bristol, Va.
Union Iron & Steel Co., 1610 Reading rd, Cincinnati, Ohio
Watson Bros. Steel Co., Youngston, O.
West Penn Steel Co., Brackenridge, Pa.
WETHERELL BROS CO. (Carbon Steel), 251 Albany, Cambridge, Mass.
See adv index at end of book
Whitaker-Glessner Co. (Light & Heavy Sheets), Wheeling, W. Va
Wood Alan Iron & Steel Co. ("A. W.", Iron & Steel, Flue & Plate), Widener bldg, Phila., Pa.
Youngstown Sheet & Tube Co., Youngstown, Ohio

Steel (Plow)

See Steel, Agricultural Implement

14237—Steel (Powder Keg)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Falcon Steel Co., Niles, Ohio
Wood J. & Bros. Co., Conshohocken, Pa.

14238— Steel (Pressed)

See also Pressed Steel Specialties

Allison Steel Products Co., Dept. H, Chester, Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Berger Mfg. Co. (Metal Lumber), Canton, Ohio
Bossert Corporation (The), (Joints, Universal Pressed Steel Ball Joints, Joint Housings), cor. Linden & West av, Utica, N. Y.
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Castle A. M. & Co. (12 Gauge & Heavier), 715 N Morgan, Chicago, Ill.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
General Pressed Metal Co., 1524 N Hancock, Phila., Pa.
GEUDER PAESCHKE & FREY CO. (Special Stampings of Every Description), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Maryland Metal Products Co., Hagerstown, Md.
National Pressed Steel Co., Massillon, O.
Oakes Co. (Cold), Indianapolis, Ind.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Rockwood Sprinkler Co., Worcester, Mass.
Standard Metalwood Co., Thompsonville, Conn.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
WORCESTER PRESSED STEEL CO. (Bearings, Fittings & Specialties), Worcester, Mass.
See adv index at end of book
YOUNGSTOWN PRESSED STEEL CO. (Goods to Order), Warren, Ohio
See adv index at end of book

14238a— *Steel (Railroad Track)

Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Pidgeon-Thomas Iron Co., Memphis, Tenn.

Steel Rails

See Rail Mills, Iron & Steel

14239—Steel (Range Boiler)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Wood Alan Iron & Steel Co ("A. W."), Widener bldg, Phila., Pa.

Steel Ribs & Lagging

See Centering, Steel

Steel Roofing

See Roofing & Siding, Iron & Steel

14240—Steel (Safe & Vault)

Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
Penn Seaboard Steel Corp., Franklin Bank bldg., Phila., Pa.
Safe-Cabinet Co., Marietta, Ohio.

14241— Steel (Saw)

Aero Wks. Inc., 89 Warren, New York
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Fairley-Davidson Steel Co., 122 Maiden la, New York
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 W. New York
See adv index at end of book

14242— Steel Screw Stock

AMERICAN STEEL & WIRE CO. (Free Cutting), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Columbia Steel & Shafting Co., Carnegie, Pa.
Compressed Steel Shafting Co., Leadville, Boston, Mass.
Frasse Peter A. & Co. Inc., 417 Canal, New York; Works: Hartford, Conn.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Johnson Frank H., 208 S La Salle, Chicago, Ill.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
New England Drawn Steel Co., Mansfield, Mass.
Pittsburgh Shafting Co. of Detroit (Cold Rolled), Detroit, Mich.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Gauge Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*
Wetherell Bros. Co. ("Fitzsimmons"), 251 Albany, Cambridge, Mass.
See adv index at end of book

14243—Steel (Self-Hardening)

Firms marked with a (*) Star are either Jobbers or Importers

Atlas Crucible Steel Co. (L X X High Speed Steel), Dunkirk, N. Y.
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.
Crucible Steel Co. of America ("Park's"), Oliver bldg, Pittsburgh, Pa.
Electric Alloy Steel Co., Youngstown, O.
Firth Sterling Steel Co. (Water & Oil "Firth Sterling Special"), McKeesport, Pa.
Frasse Peter A. & Co. (Inc.), 417 Canal, New York. Works: Hartford, Conn.
Hammond Steel Co., Inc., Syracuse, N. Y.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*
***Hobson-Houghton & Co. ("Soho" Imp.), 83 Beekman, New York**
***Houghton & Richards, 145 Oliver, Boston, Mass.**
Illingworth Jno. Steel Co., Tacony & Lewis, Phila., Pa.
International High Speed Steel Co., 99 Nassau, New York
*Jessop Wm. & Sons (Inc.) (Imp.), 91 John, New York
Latrobe Electric Steel Co., Latrobe, Pa.
***Rossell Henry ("Invanhoe," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.**
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Vulcan Crucible Steel Co., Aliquippa, Pa.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 W, New York
See adv index at end of book

14244— Steel Shapes

See also Steel Structural Mills

Elyria Iron & Steel Co., 232 E 131st, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

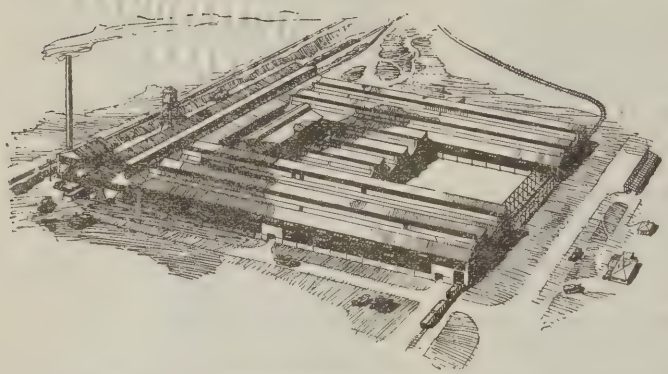
Cold Drawn Screw Stock and Shafting

AGENTS FOR FITZIMONS CO.

Warehouse Stock at Cambridge

WETHERELL BROS. CO. 251 Albany St., Cambridge, Mass.

YOUNGSTOWN PRODUCTS FOR MANUFACTURER & BUILDER



AGRICULTURAL
TOOL & WEIGHT BOXES · SEATS
LEVER LATCHES · FURROW & GONG WHEELS
HARROWTOOTH CLAMPS CULTIVATOR SHIELDS
LAND ROLLER HEADS

AUTOMOTIVE
RADIATOR SHELLS · CRANK CASES
HOUSING COVERS · BRAKE DRUMS
CLUTCH DISCS · STEP HANGERS
HUB FLANGES

GENERAL
LIFT TRUCK PLATFORMS · TANK HEADS
INDUSTRIAL CAR WHEELS · WHEEL DISCS
HATCH CLEATS · BARREL HEADS
COMPOUND BOXES

FIREPROOFING
MACHINE GUARD & FACTORY PARTITION MATERIAL
COLD FORMED CHANNELS & ANGLES-BOTH HEAVY & LIGHT
YOUNGSTOWN & PARKER CORNER BEAD-EXPANDED METAL
MAHONING, ZEE & IDEAL METAL LATH

THE YOUNGSTOWN PRESSED STEEL COMPANY
WARREN OHIO
All our factories are now consolidated in one big new plant at Warren, O.
Youngstown PRODUCTS
REG. U.S. PAT. OFF.

STEEL SHAPES—continued

Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Inc., Syracuse, N. Y.
International High Speed Steel Co., 99 Nassau, New York
Laclede Steel Co., Arcade bldg, St. Louis, Mo.
LANCASTER STEEL PRODUCTS CORP., Lancaster, Pa.
See adv index at end of book
Lindsay Jas G. & Co. Inc., Commercial Trust bldg, Phila., Pa.
National Drawn Steel Co., East Liverpool, O.
Oakes Co. (Pressed), Indianapolis, Ind.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shoemaker Lewis F. & Co., 2 S 15th, Phila., Pa.
Tacony Steel Co. (Small, Special), Franklin Bank bldg, Phila., Pa.
Union Rolling Mill Co., Aetna rd & E 32d, Cleveland, Ohio
Vulcan Mfg. Co., 1200 4th av S, Seattle, Wash.

14244a— Steel Shapes (Pressed)

Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Hammond Steel Co., Inc., Syracuse, N. Y.
Heltzel Steel Form & Iron Co., Warren, O.
Youngstown Pressed Steel Co., Warren O. *See adv index at end of book*

14244b— Steel Sheet

See also Iron & Steel Sheet, Black & Galvanized & Steel Plates & Sheets

American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
COMMERCIAL SHEARING & STAMPING CO. (THE), Youngstown, O.
See adv index at end of book
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O. *See adv index at end of book*
Forment & Co. (Galvanized), 150 Bank, New York
FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
MANSFIELD SHEET & TIN PLATE CO. (THE), Mansfield, O.
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Seneca Iron & Steel Co. (Automobile, etc.), Buffalo, N. Y.
Standard Steel & Wire Co., 549 Washington blvd, Chicago, Ill.

14245— Steel Sheet Bars

Allegheny Steel Co. (Open Hearth), Oliver bldg, Pittsburgh, Pa.
Andrews Steel Co. (Open Hearth), Newport, Ky.
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Steel Co. (Bessemer Steel Sheet), Ashland, Ky.
Brier Hill Steel Co., Youngstown, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer & Open Hearth), Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon," Bars, Billets and Slabs), Massillon, O.
Follansbee Bros. Co. (Open Hearth), 3d & Liberty, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth), Herr, nr. 10th, Harrisburg, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth), First Nat'l Bank bldg, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Jessop Wm. & Sons, Inc., 91 John, New York
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
La Belle Iron Works (Open Hearth), Steubenville, O.
Lackawanna Steel Co. (Open Hearth, Bessemer), Buffalo, N. Y.
Pigott Steel Co., 632H Frankford av, Cleveland, O.
Reeves Mfg. Co., Dover, Ohio
REPUBLIC IRON & STEEL CO. (Open Hearth & Bessemer), Youngstown, O.
See Branch Offices Alphabetical Section
Sharon Steel Hoop Co. (Open Hearth), Sharon, Pa.
United Alloy Steel Corp. (Open Hearth), Canton, O.
Van Brunt J. A. & Co., Inc., 114 John, New York
West Penn Steel Co., Brackenridge, Pa.
Weirton Steel Co., Weirton, W. Va.
Youngstown Sheet & Tube Co. (Soft Bessemer and Open-hearth; also Iron "Youngstown"), Youngstown, O.

14246—Steel Sheet Blanking & Forming

ALLOY STEEL PRODUCTS CORP., 19 W 44th, New York
See adv index at end of book
Boston Pressed Metal Co., 170 Union, Worcester, Mass.
Falcon Steel Co., Niles, Ohio
International High Speed Steel Co., 99 Nassau, New York

14247— Steel Sheet Plates

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Cleveland Steel Co., Kirby bldg, Cleveland, Ohio
***Falcon Steel Co., Niles, Ohio**
Fuller Steel & Iron Co., Park bldg., Pittsburgh, Pa. *See adv index at end of book*
Haring Ellsworth ("Elhar" Steel Sheets), 114 Liberty, New York
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Lindsay Jas. G. & Co. Inc., Commercial Trust bldg, Phila., Pa.
Massillon Rolling Mill Co., Massillon, O.

14248—Steel Sheets (Aluminum Coated)

Amalgamated Metals Selling Co. Ltd., 42 Broadway, New York
Falcon Steel Co., Niles, Ohio
Wilder Metal Coating & Mfg. Co. (Also Iron), Connellsville, Pa.

14249—Steel Sheets (Blue Annealed)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Andrews Steel Co. Newport, Ky.
Ashland Iron & Mining Co., Ashland, Ky.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.) (Jobbers), 365 Market, San Francisco, Cal.
Berger Mfg. Co., Canton, O.
Brier Hill Steel Co., Youngstown, O.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Cleveland Steel Co., Kirby bldg, Cleveland, Ohio
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Ferguson Steel & Iron Co., Inc., Buffalo, N. Y.
Fisher C. W., 52H Broadway, New York
Follansbee Bros. Co., 3d & Liberty, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Inland Steel Co. (Open Hearth), First Nat'l Bank bldg, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
La Belle Iron Works (Open-Hearth Steel Plates, 3-16 to 18 Gauge), Steubenville, O.
Lindsay Jas. G. & Co. Inc., Commercial Trust bldg, Phila, Pa.
MANSFIELD SHEET & TIN PLATE CO. (THE), Mansfield, O.
Merchant & Evans, Washington av & 21st, Phila., Pa.
MULHOLLAND W. J., Commercial Trust bldg, Philadelphia, Pa.
National Sales & Trading Co., Cleveland, Ohio
Ohio Corrugating Co., Warren, O.
Otis Steel Co., Leader-News bldg, Cleveland, O.
Paterson-Leitch Co., 936 E 67th, Cleveland, Ohio.
Reeves Mfg. Co., Dover, Ohio
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Seneca Iron & Steel Co., Buffalo, N. Y.
Sharon Steel Hoop Co. (Basic Open Hearth), Sharon, Pa.
Sheet Metal Mfg. Co. (Dirs.), West Federal, Youngstown, O.
Soulé Edw. L. Co. (Iron & Steel Products of all Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Stark Rolling Mill Co. (Open Hearth Steel), Canton, O.
Stolz Jos. & Son Inc., 841 E 136th, New York
Trumbull Steel Co., Warren, O.
Van Brunt J. A. & Co. Inc., 114 John, New York
Ward's Edgar T Sons Co. (Stock for immediate delivery), 260 West New York *See adv index at end of book*
Watson Bros. Steel Co., Youngstown, O.
Whitaker-Glessner Co. (8 to 16 Gauges, Up to 54 inches), Wheeling, W. Va.
Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
Wood J. & Bros. Co., Conshohocken, Pa.

14250—Steel Sheets (Box Annealed)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Ashland Iron & Mining Co., Ashland, Ky.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Inland Steel Co., First Nat'l. Bank bldg, Chicago, Ill.
La Belle Iron Works, Steubenville, O.
Lindsay Jas. G. & Co. Inc., Commercial Trust bldg, Phila., Pa.
McCullough Iron Co., Equitable bldg, Wilmington, Del.
Mahoning Valley Steel Co., Niles, Ohio
Massillon Rolling Mill Co., Massillon, Ohio
Otis Steel Co., Leader-News bldg, Cleveland, O.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Reeves Mfg. Co., Dover, Ohio
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.

Seneca Iron & Steel Co., Buffalo, N. Y.
Sharon Steel Hoop Co. (Basic Open-Hearth), Sharon, Pa.
Sheet Metal Mfg. Co. (Dirs.), West Federal, Youngstown, O.
Stark Rolling Mill Co., Canton, O.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co., Wheeling, W. Va.

14251-2—Steel Sheets (Buggy Bow)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Ashland Iron & Mining Co., Ashland, Ky.
Canton Sheet Steel Co., Canton, O.
Falcon Steel Co., Niles, Ohio
Follansbee Bros. Co., 3d & Liberty, Pittsburgh, Pa.
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Mansfield Sheet & Tin Plate Co. (The), Mansfield, O.
Massillon Rolling Mill Co., Massillon, Ohio
Reeves Mfg. Co., Dover, Ohio
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.
Whitaker-Glessner Co. ("Black"), Wheeling, W. Va.

Steel Sheets (Cold Rolled)

See Firms in Steel, Cold Rolled, with word "Sheets" following their names

14253—Steel Sheets (Copper Bearing)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Whitaker-Glessner Co. (Ohio Metal), Wheeling, W. Va.

14254—Steel Sheets (Enameled)

Buffalo Porcelain Enameling Corp., 1927 Elmwood av, Buffalo, N. Y.
Falcon Steel Co., Niles, Ohio
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
Seneca Iron & Steel Co., Buffalo, N. Y.
VITREOUS ENAMELING CO., Grant av, Cleveland, O. *See adv index at end of book*

14255—Steel Sheets for Shovels, Saws, Hoes, Springs, Etc.

American Sheet & Tin Plate Co. (Shovels, Hoes, etc), Frick bldg, Pittsburgh, Pa.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
Falcon Steel Co., Niles, Ohio
HALCOMB STEEL CO. (For Saws, Springs, Cutlery, etc.), Syracuse, N. Y. *See adv index at end of book*
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Reeves Mfg. Co., Dover, Ohio
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
WETHERELL BROS CO., 251 Albany, Cambridge, Mass.
See adv index at end of book

Steel Sheets for Stamped Ware

See Iron & Steel Sheet, Black & Galvanized

Steel Sheets (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

14256—Steel Sheets ("Lohmanized")

Republic Iron & Steel Co. (Niles Wks.), (Non-Corrosive), Niles, O.
Trumbull Steel Co. (Long Terms), Warren, O.

14257—Steel Sheets (Pickled)

Allegheny Steel Co. (Cold Rolled), Oliver bldg, Pittsburgh, Pa.
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Brier Hill Steel Co., Youngstown, O.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Carnahan Tin Plate & Sheet Co., Dept. H, Canton, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Inland Steel Co., First Natl Bank bldg, Chicago, Ill.
Jessop Steel Co., Washington, Pa.
Mahoning Valley Steel Co., Niles, Ohio
Mansfield Sheet & Tin Plate Co. (The), Mansfield, O.
Massillon Rolling Mill Co., Massillon, O.
Otis Steel Co., Leader-News bldg, Cleveland, O.
Reeves Mfg. Co., Dover, Ohio
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Seneca Iron & Steel Co. (For Sheet Metal Stampings, etc), Buffalo, N. Y.
Sheet Metal Mfg. Co., West Federal, Youngstown, O.
Stark Rolling Mill Co., Canton, O.
Toledo Iron & Supply Co. The (Jobbers) 651 Spencer, Toledo, O.
Ward's Edgar T. Sons Co., 260 West New York. *See adv index at end of book*
Watson Bros. Steel Co. (For Stamping) Youngstwn, O.
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.
Wood Alan Iron & Steel Co. ("A. & W."), Widener bldg, Phila., Pa.
Wood J. & Bros. Co., Conshohocken, Pa.

14258—Steel Sheets (Planished & Polished)

American Sheet & Tin Plate Co. (Polished Only), Frick bldg, Pittsburgh, Pa.
Follansbee Brothers Co. (Polished), 3d & Liberty, Pittsburgh, Pa.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Mansfield Sheet & Tin Plate Co. (Polished Only), Mansfield, O.
Massillon Rolling Mill Co. (Polished, also for Stove Purposes), Massillon, O.
Merchant & Evans, Washington av & 21st, Phila., Pa.
Ohio Corrugating Co., Warren, O.
Toledo Iron & Supply Co. The (Jobbers), 651 Spencer, Toledo, O.
Weirton Steel Co. (Polished), Weirton, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.

14259-60— Steel Sheets (Re-Annealed)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Ashland Iron & Mining Co., Ashland, Ky.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Lederle Robert B. (And Design), Witherspoon bldg, Phila., Pa.
Massillon Rolling Mill Co., Massillon, Ohio
Reeves Mfg. Co., Dover, Ohio
Stark Rolling Mill Co., Canton, O.
Trumbull Steel Co., Warren, O.
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.

14261-2— Steel Shovel Plate

Brier Hill Steel Co., Youngstown, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Falcon Steel Co., Niles, Ohio
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
HARRISBURG PIPE & PIPE BENDING CO., Herr nr 10th, Harrisburg, Pa.
Indiana Rolling Mill Co. (High Carbon Sheet Steel for Shovel Plate, Grain Drill & Harrow Discs, etc), New Castle, Ind.
La Belle Iron Works, Steubenville, O.
Lessig Geo. B. Co., Pottstown, Pa.
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
Tremont Nail Co., West Wareham, Mass.
Wyoming Shovel Works, Wyoming, Pa.

Steel Skelp

See Iron & Steel Skelp

Steel Slabs

See Billets, Blooms & Slabs, Steel

14263— Steel (Soft)

Baker W. W. Co. & Co., 940 No. Front, Phila., Pa. *See adv index at end of book*
Bittenbender Co., Scranton, Pa.
See adv index at end of book

The Bittenbender Co.
Stock Shipments
Iron and Steel Commodities
SCRANTON, PA.

Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Cambria Steel Co. (Bars, Plates & Shapes), Widener bldg, Phila., Pa.
Canton Sheet Steel Co. ("Winir" Open-Hearth Extra Soft Sheets), Canton, O.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Columbia Steel & Shafting Co. (Hot & Cold Rolled Strip for Stamping Drawing, etc.), Carnegia, Pa.
Crucible Steel Co. of America ("Diamond." Soft Center Plow, etc), Oliver bldg, Pittsburgh, Pa.
Elliott-Blair Steel Co. (Bright Dead for Sewing Machine, Typewriter & Bicycle Parts, etc), New Castle, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Inland Steel Co. (Bars, Plates, Shapes, Sheets, etc.), First Nat'l Bank bldg, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Interstate Iron & Steel Co. (Flats, etc) 104 S Michigan av, Chicago, Ill.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Lancaster Steel Products Corp., Lancaster, Pa. *See adv index at end of book*
Lockhart Iron & Steel Co. (In Bars, Hexagons, grooved, etc.), McKees Rocks, Pa.
Midvale Steel & Ordnance Co. (For Screw Machine Work, etc.), Widener bldg, Phila., Pa.
Moline Plow Co. ("Flying Dutchman" "Acme" Soft Center Plow), Moline, Ill.
New England Drawn Steel Co. (Screw & Shafting), Mansfield, Mass.
Pardee C. Works (Open Hearth), Perth Amboy, N. J.
Parkersburg Iron & Steel Co. ("National" Bessemer Sheets Re-Annealed), Parkersburg, W. Va.
Republic Iron & Steel Co. (Open Hearth), Youngstown, O.
For branch offices see alphabetical section
Rockaway Rolling Mill (Bar), Rockaway, N. J.
Ryerson Jos. T. & Son, 910 Corn Exchange bldg. & 16th & Rockwell, Chicago, Ill.
See adv index at end of book

STEEL

Bars, Shapes, Beams, Plates, Sheets, Strips, Bolts and Nuts, Rivets, Chain, Shafting, Boiler fittings, etc.

Send for Stock List

JOSEPH T. RYERSON & SON
Chicago St. Louis Detroit Buffalo New York

Soulé Edw. L. Co., Rialto bldg, San Francisco, Cal. *See adv index at end of book*

EDW. L. SOULÉ CO.

Iron and Steel Products of all kinds,

INCLUDING:

Rails. Structural Shapes. Tin Plate. Iron and Steel Bars. Nails. Pipe and Boiler Tubes. Plates and Sheets. Bolts, Nuts and Rivets. Concrete Reinforcing Bars. Hoops and Bands.

Rialto Building San Francisco
Cable Address "SOULECO"

Superior Steel Co. (Hot & Cold Rolled Hard & Soft, for Stamping & Drawing), 529H Union Arcade, Pittsburgh, Pa.
Taylor N. & G. Co., 300 Chestnut, Phila., Pa.
Union Rolling Mill Co. (Bars, etc.), Aetna rd & E. 32d, Cleveland, O.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery, 260 West, New York. *See adv index at end of book*
Wood Alan Iron & Steel Co. (Blue Annealed Sheets & Special Soft Steel for Deep Stamping & Drawing), Widener bldg, Phila., Pa.
Wood J. & Bros. Co. (Sheets), Conshohocken, Pa.

14264— Steel (Spring)

Aero Wks. Inc., 89 Warren, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co., Bridgeport, Conn.
Athenia Steel Co. (Tempered & Polished for Clock, Watch, Motor & Typewriter Springs), 135 William, New York
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.

TOOL AND SPRING STEEL STRIPS

1400 sizes on hand at all times

Blued, Tempered and Polished
Thickness.....001 to .134 Width.....3-32 to 12"
Suitable for springs, saws for metal or wood, etc.

Bright Rolled to be Tempered
Annealed
Thickness.....002 to .1875 Width.....3" to 5½"
Suitable for watch and instrument parts, fine saws, knives or any tools requiring free working stock which will take a high temper.

SEND FOR CATALOGUE AND STOCK-LIST

EDGAR T. WARD'S SONS CO. 44-54 Farnsworth Street BOSTON, MASS.

STEEL (SPRING)—continued

Boker H. & Co., Inc. (Cold Roller) "Novo Superior," "Intra," "Gibraltar"), 101 Duane, New York
Braeburn Steel Co., Braeburn, Pa.
Cambria Steel Co. ("Enduria" & "Resilia"), Widener bldg, Phila., Pa.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon," Bars, Billets & Slabs), Massillon, Ohio
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible Open Hearth), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co., Inc., 191 Pearl, New York
See adv index at end of book
Electric Alloy Steel Co., Dept. H, Youngstown, O.
Fairley-Davidson Steel Co., 122 Maiden la, New York
Farist Steel Co. (Open Hearth & Crucible), Bridgeport, Conn.
Fisher C. W., 52H Broadway, New York
Frasse Peter A. & Co. (Inc,), 417 Canal, New York; Works: Hartford.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Harrow Spring Co. (Milled Bars & Rods), Milwaukee, Wis. Works: Kalamazoo, Mich.
Harvey Arthur C. Co., 506 Cambridge, Allston Dist., Boston, Mass.
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
International High Speed Steel Co., 99 Nassau, New York
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Latrobe Electric Steel Co., Latrobe, Pa.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Newman C. Wire Co. (Annealed, Tempered, Tempered & Polished, etc., Flat), 25 Church, New York
Pigott Steel Co., 632H Frankford av, Cleveland, O.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Scott, Suyden & Lamont, Monadnock bldg., San Francisco, Cal.
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Taconv Steel Co., Tacony, Phila., Pa.
United Alloy Steel Corp. (Alloy Steel, Open Hearth & Electric Furnace; Chrome Vanadium, "Elastique" Silico Manganese, "Crucia" Chrome Carbon), Canton, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Vulcan Crucible Steel Co., Aliquippa, Pa.
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book
WARD'S, EDGAR T., SONS CO. (Stock for Immediate delivery), 260 West, New York. *See adv index at end of book*
Wetherell Bros. Co. (Sheet), 251 Albany, Cambridge, Mass.
See adv index at end of book
Wyoming Shovel Works (Open-Hearth & Crucible), Wyoming, Pa.

14265— Steel Strips (Stamping, Pickled)

Erie Metal Products Co., Erie, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
HARRISBURG PIPE & PIPE BENDING CO., Herr nr 10th, Harrisburg, Pa.
International High Speed Steel Co., 99 Nassau, New York
Laclede Steel Co. (And Deep Drawing), Federal Reserve Bank bldg, St. Louis, Mo.
National Pressed Steel Co. ("Robal"), Massillon, O.
SANGER A. I. & SON (Dealers), National City bldg, Cleveland, O.
Superior Steel Corp., 529H Union, Pittsburgh, Pa.

14266—Steel Structural Dealers

Allen W. H., Jr., 110 State, Boston, Mass.
Asheville Supply & Fdry. Co., Asheville, N. C.
Austin & Doten, 102 North, Boston, Mass.
Bacon & Co., 107 Oliver, Boston, Mass.
Baily R. M. & Co., Commercial Trust bldg, Phila., Pa.
Balfour, Guthrie & Co., San Francisco, Cal.
Belmont Iron Works, 22d & Wash av, Phila., Pa.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), 365 Market, San Fransisco, Cal.
Bethlehem Construction Co., Bethlehem, Pa.
Bethlehem Fabricators, Inc., Bethlehem, Pa.
Blodgett & Clapp Co., 1417 Main, Hartford, Conn.
Bourne Fuller Co., Hanna bldg, Cleveland, Ohio
Brooks T. H. & Co., Cleveland, O.
Brown-Wales Co., 489 C, Boston, Mass.
Canton Bridge Co., Dept. H, Canton, O.
Carlson Forgings Co., 733 Fulton, Chicago, Ill.
Castle A. M. & Co. of Washington, 32-34H Conn., Seattle, Wash.
Christensen Wm., York, Pa.
Cooke Jno. K. & Son, Inc., Athenia, N. J.
Crozier R. J. Co., North American bldg, Phila., Pa.
Davenport Machine & Foundry Co., Davenport, Ia.
Davies Jno. J. & Co., 20th & Clearfield, Phila., Pa.
Decatur Cornice & Roofing Co., New Decatur, Ala.
De Cou Richard Co., 12th & Noble, Phila., Pa.
Dietrich Bros., Pleasant & Davis, Baltimore, Md.
Eichleay John Jr., Co., 20th & Wharton, Pittsburgh, Pa
Faitoute Iron & Steel Co., 180 Frelinhuysen av, Newark, N. J.
Ferguson Steel & Iron Co., Bailey av, & B'way, Buffalo, N. Y.
FISHEL & MARKS CO., ft of Krakow av, Cleveland, O.
See adv index at end of book
Fisher C. W., 52H B'way, New York
Froment & Co., 150 Bank, New York
Goldberg J. & Son (Second Hand), 7500 Indep av, Kansas City, Mo.
Griffith Geo. J., Johnstown, Pa.
Harrington-Robinson & Co., 45 Bromfield, Boston, Mass.
Harvey Arthur C. Co., 506 Cambridge, Allston dist, Boston, Mass.
Heughes F. L. & Co., Inc., Rochester, N. Y.
Hitners H. A. Sons Co., 4501 Richmond, Phila., Pa.
Hoflus Steel & Equipment Co., Seattle, Wash.
Hoffman R. C. & Co., Continental bldg, Baltimore, Md.
Holliday W. J. & Co., Indianapolis, Ind.
Houdlette Fred A. & Son, 93 Broad, Boston, Mass.
Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.
Hurwitz Bros. Iron & Metal Co., Syracuse, N. Y.
International Steel & Iron Co., Evansville, Ind.
Jamestown Construction Co., Jamestown, N. Y.
Kansas City Structural Steel Co., Kansas City, Mo.
Kratzer W. N. Co., 3212 Smallman, Pittsburgh, Pa.
Lackawanna Bridge Co., Buffalo, N. Y.
Lehigh Structural Steel Co., Allentown, Pa.
Lindsay Jas. G. & Co. Inc., Commercial Trust bldg, Phila., Pa.
Lockwood Arthur J., 304 Hudson, New York
Lukens Steel Co., Coatsville, Pa.
McInnes Charles E. & Co., Mariner & Merchants bldg., Phila., Pa.
Mesker Geo. L. & Co., Evansville, Ind.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Morris Wheeler & Co., 30th & Locust, Phila., Pa.
Mt. Carmel Iron Works, Mt. Carmel, Pa.
MULHOLLAND W. J., Commercial Trust bldg, Phila., Pa.
New England Iron Wks. Inc., New Haven, Conn.
Newkirk John B. & Co., 1502 Market, Phila., Pa.
Northwest Steel Co., ft. of Sheridan, Portland, Ore.
Ogden & Wallace, 577 Greenwich, New York
Pittsburgh Bridge & Iron Wks., Farmers' Bank bldg, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Providence Steel & Iron Co., Kinsley av, Providence, R. I.
RALEIGH IRON WORKS CO., Raleigh, N. C.
Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Rieseck Iron Works, 1201 Metropolitan, Pittsburgh, Pa.
Russel Wheel & Foundry Co., Chene Blvd & RR. Detroit, Mich.
St. Joseph Structural Steel Co., St. Joseph, Mo.
SCHOFIELD'S J. S. SON CO., Macon, Ga.
Schreiber L & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Scully Steel & Iron Co, 2364 S Ashland av, Chicago, Ill.
Smith Samuel Machine Co., Lawrence, Mass.
Soulé Edw. L. Co. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Southern Foundry Co. (Beams Cut & Punched), Owensboro, Ky.
Speddy T. H. & Co., 35 2d, San Francisco, Cal.
Spencer Geo. G., 332 S La Salle, Chicago, Ill.
Thomson W. H. & Co., Land Title bldg, Phila., Pa.
Toy W. M. & Co., 10 E Shelby, Sidney, Ohio
Tulsa Boiler & Machy. Co., Tulsa, Okla.
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
Union Iron & Steel Co., 1610 Reading rd, Cincinnati, O.
Uris Abe, Iron & Steel Corp., 38 S 8th, Brooklyn, N. Y.
Vance, John C., Iron & Steel Co., Chattanooga, Tenn.
Vanderlip H. E. & Co., 19 S La Salle, Chicago, Ill.
West Side Structural Co., Troy, N. Y.
Wilkoff Co., Youngstown, Ohio
Wilson, Wm. H., Iron Works, Rochester, N. Y.
Woodward Wight & Co., Howard av & Constance, New Orleans, La.
Worden-Allen Co., Pt. Washington rd, Milwaukee, Wis.

14267—Steel Structural Mills

See also Steel (Angles, Channels & Shapes)

*Indicates Mills that Fit Structural Work
†Indicates Mills that Roll I Beams

*†American Bridge Co. (Open Hearth Steel Angles, Beams, Deck Beams, Channels, Tees, Zees, etc.), 30 Church, New York
†Bethlehem Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees & Special Wide Flanged Rolled Beams & Girders), South Bethlehem, Pa.
Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Booth J. B. & Co., 216 E Robinson, Pittsburgh, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Steel Co. (Bessemer Steel Angles, Channels, Tees, etc), Tonawanda, N. Y.
*†Cambria Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, etc), Widener bldg, Phila., Pa.
†Carnegie Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, Zees, etc), Carnegie bldg., Pittsburgh, Pa.
Central Iron & Steel Co. (Universal Bridge & Structural Plates), Dept. H, Harrisburgh, Pa.
Chrome Steel Works (Chrome Steel Angles 3, 4, 6, & 8 inch), Chrome, N. J.
Concrete Steel Co., 42 B'way, New York
De Pere Mfg. Co., West De Pere, Wis.
*†Eastern Steel Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), Pottsville, Pa.
Fernald Co. (Small Cold Rolled Channels), 221 Tehama, San Francisco, Cal.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Ft. Wayne Iron Steel Rolling Mills (Small Channels for Fire Escapes, Fences, etc), W. Taylor, Ft. Wayne, Ind.
See adv index at end of book

Froment & Co., 150 Bank, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Glasgow Iron Co. (Iron & Steel Bridge Plates), Pottstown, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hamilton Wm. Sons Car Co., Newark, O.
Hirsch Rolling Mill Co. (Iron & Steel Angles & Shapes), Ecoff & Manchester, St. Louis, Mo.
*†Illinois Steel Co. (Bessmer & Open Hearth Steel Angles, Beams, Channels, Tees, etc), 208 S La Salle, Chicago, Ill.
INLAND STEEL CO. (Open Hearth & Steel Angles, I Beams, Channels, Tees, etc), 1st Nat. Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co. (Angles, Channels, Tees, etc), 104 Michigan av, Chicago, Ill. Works: East Chicago, Ind.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
*†Jones & Laughlin Steel Co. (Angles, Beams, Channels, Tees, etc), Ross, Pittsburgh, Pa.
Judson Mfg. Co. (Structural & Agricultural Shapes), 319 Folsom, San Francisco, Cal.
Kawner Mfg. Co. (Iron & Steel Cold Drawn Channels), Niles, Mich.
*†Lackawanna Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees, etc), Buffalo, N. Y.
Lockhart Iron & Steel Co. (Bridge Iron & Iron & Steel Angles & Channels), McKees Rocks, Pa.
Logan Iron & Steel Co. (Bridge Iron & Angles), St. Girard bldg., Phila., Pa.
Lukens Steel Co. (Open Hearth Steel Ship & Bridge Plate), Coatesville, Pa.
Minn. Steel Co., H Morgan Park, Duluth, Minn.
National Pressed Steel Co., Massilon, O.
National Sales & Trading Co., Cleveland, Ohio
Ohio Falls Iron Co. (Small Iron, Angles, Tees & Channels), New Albany, Ind.
Paterson-Leitch Co., 936 E 67th, Cleveland, Ohio
Penna. Brake Beam Co. (Deck & I Beams, Brake Beams, etc), Danville, Pa.
*†Phoenix Iron Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), 22 S 15th, Philadelphia, Pa. Works: Phoenixville, Pa.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pollak Steel Co., Cincinnati, Ohio
Red Oak Bridge & Iron Works, Red Oak, Ia.
Republic Iron & Steel Co. (Light Steel Angle & Channels; also Open Hearth Steel Angles), Oliver bldg, Pittsburgh, Pa.
For branch offices see alphabetical section
Scott, Suyden & Lamont (Beams, Angles, Channels, Tees & Zees), Monadnock bldg., San Francisco, Cal.
Sharon Steel Hoop Co. (Perforated & Light Metal Channels), Sharon, Pa.
Steel & Iron Products Co. (Joist), 1911 Emerson av, Chicago, Ill.
Stolz Jos. & Son Inc., 841 E 136th, New York
Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Angles, Channels, Tees, etc), Birmingham, Ala.
Union Rolling Mill Co., Aetna rd & E 82nd, Cleveland, O.
Vulcan Mfg. Co. (Angles, Channels, Shapes & Tees), 1200 4th av, So Seattle, Wash.
Wilkoff Co. (Beams & Angles), Youngstown, Ohio
YOUNGSTOWN PRESSED STEEL CO. (Cold Formed Angles & Channels), Warren, O. *See adv index at end of book*

Steel Structural Shapes (Mfrs.)

See Steel Structural Mills

14268—Steel Structural Work

Star (*) indicates Firms who also Build Steel Bridges

ALABAMA.

BIRMINGHAM—*Birmingham Steel Corp.
Ingalls Iron Works Co.
Johnson & Thompson Co.
*Southern Bridge Co.
MONTGOMERY—Hartley Boiler Works
Janney & Co.

ARKANSAS.

LITTLE ROCK—Arkansas Foundry Co.

CALIFORNIA.

FRESNO—Burnett J. H. Iron Wks.
LOS ANGELES—Baker Iron Works
Llewellyn Iron Works
*Mercereau Bridge & Const. Co.
Pacific Iron & Steel Co. Inc., 2637 Humbolt.
Security Construction Co.
Union Iron Works of Los Angeles Inc., 515 Santa Fe av.
OAKLAND—Jansen Iron Works
SACRAMENTO—*Pollock George Co.
SAN FRANCISCO—*Bay City Iron Works, 1243 Harrison
Brode Iron Works, 31-37 Hawthorne st
California Steel Co., Hobart bldg.
Central Iron Works (Fabricated), 2050 Bryant
Dyer Bros. Iron Works, 17th & Kansas
*Healy-Tibbitts Construction Co.
*Hyde, Harjes & Co., 110 Market
Judson Mfg Co., 319 Folsom.
Mortenson Construction Co., 19th & Indiana
Pacific Rolling Mills Co., 17th & Mississippi
Pacific Structural Iron Works, 370 10th
Pioneer Construction Co., 180 Jessie
Ralston Iron Works, 20th & Indiana
San Francisco Bridge Co., Nevada Bank bldg
*Thomson Bridge Co., 103 Main
*Western Iron Works, 141 Beale
Yuba Mfg. Co., Insurance bldg

COLORADO.

COLORADO SPRINGS—Hassell Iron Wks. Co.
DENVER—*American Bridge Co.
Denver Engineering Works Co.
*Denver Steel & Iron Wks. Co.
Queen City Iron & Wire Works Co.
Verdeckberg Iron & Wire Works Co.
*Vulcan Iron Works Co.
PUEBLO—*Pueblo Bridge Co.

CONNECTICUT.

BERLIN—*Berlin Construction Co.
BRIDGEPORT—Bridgeport Boiler Works Co.
Metz Structural Steel Co.
NEW HAVEN—Farmer Jas. E., 41 Judson av
New England Iron Works Inc.
NEW LONDON—*Scott T. A. Co.
WEST HAVEN—*Adlerhurst Iron Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th & G N-W
Jorss A. F., 315 13th, N W
Union Iron Works Co., 212 12th

GEORGIA.

ATLANTA—*Austin Bros.
*Virginia Bridge & Iron Co.
Withers Foundry & Machine Works
AUGUSTA—*Lombard Iron Works & Supply Co.
MACON—Schofield's J. S. Sons Co.
NEWMAN—*Cole R. D. Mfg.. Co.
SAVANNAH—Kehoe Iron Works
Steel Products Co.

ILLINOIS.

AURORA—Love Bros.
BATAVIA—*Batavia Engineering Works (Inc.)
CHAMPAIGN—Burr Co.
CHICAGO—*American Bridge Co., W 40th & Princeton
Baily & Allen Co., 122 S Michigan blvd
Benson Chas. A. N. & Co., 1801 N Fairfield av
*Bernhisel Construction Co., 105 W Monroe
Brandes Carl, 1327 Otto
Carlson Forgings Co., 733 Fulton
*CHICAGO BRIDGE & IRON WKS., 2105 Old Colony bldg. *For branch offices see adv index at end of book*
*Continental Bridge Co. (All Steel Derricks & Cranes), 460 Monadnock bldg
Dauchy Iron Works, 223 W Illinois
Franche C. E. & Co., 440 Orleans
Gage Structural Steel Co., 3141 S Hoyne av
Hansell-Elcock Co., Archer & Normal ave
Holmes, Pyott & Co., 159 N Jefferson
*Illinois Bridge Co., Monadnock blk
*Illinois Steel Co., 208 S La Salle
Industrial Steel & Brass Corp., 602 W Lake
*Jennet Bridge & Iron Works, 3541 Shields av
*Joliet Bridge & Iron Co., 122 S Michigan av
*Kenwood Bridge Co., 38 S Dearborn
Ketler-Elliott Erection Co., 155 N Clark
*McClintic-Marshall Construction Co., 1st National Bank bldg
McDonald J. & Co., 37 S Clinton
*Morava Construction Co., 35th & Stewart av
Pratt Henry Co., 2222 S Halsted
Scaar Frank & Co., 1042 W 11th
*Scherzer Rolling Lift Bridge Co. (Rolling Lift Bridges), 1616 Monadnock blk
Simpson Ralph H. Co., 166 W Randolph
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av
See adv index at end of book
Steel Fabricating Corp. ("Stefco," "Ready Built Sectional Steel Bldgs.), McCormick bldg
Stewart James & Co., 1210 Fisher bldg
*Strauss Bascule Bridge Co., 104 S Michigan av
*Strobel Steel Construction Co., Monadnock blk
Sykes Co. (Fabricated), 930H W 19th pl.
Union Foundry Works, 38 S Dearborn
Vierling Steel Works, 23rd & Stewart av
DECATUR—*Decatur Bridge Co.
ELGIN—American Tower & Tank Co.
FREEPORT—*Shons W. H. (Highway Bridges
JACKSONVILLE—*Illinois Steel Bridge Co.
MURPHYSBORO—Egyptian Iron Works
PEORIA—Lucas A. & Sons, 1329 S Washington
PEOTONE—Continental Bridge Co.
PERU—Brunner Machy. Co.
QUINCY—*Michelmann Steel Construction Co.
ROCK ISLAND—*Rock Island Bridge & Iron Works

INDIANA.

BUTLER—Butler Co. (Substructures)
COLUMBUS—*Caldwell & Drake Iron Works
ELKHART—*Elkhart Bridge & Iron Co.
EVANSVILLE—International Steel & Iron Co.
Mesker Geo. L. & Co.
FORT WAYNE—Engineering Co.
Fort Wayne Foundry & Machine Co.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
HAMMOND—Hammond Machine & Forge Works
INDIANAPOLIS—*Central States Bridge Co., 601 Beecher
LAFAYETTE—*Lafayette Engineering Co.
Wallace Machine & Foundry Co. (Also Castings)
MARION—Western Drop Forge Co., P. O. Box 386
MUNCIE—*Indiana Bridge Co.
NEW CASTLE—*Pan-American Bridge Co.
ROCHESTER—*Rochester Bridge Co.
VINCENNES—*Vincennes Bridge Co.

IOWA.

BURLINGTON—Murray Iron Works Co.
CEDAR RAPIDS—*Iowa Steel & Iron Works
CLINTON—*Clinton Bridge Works
DAVENPORT — Davenport Machine & Foundry Co.
DES MOINES—Des Moines Steel Co.
*Des Moines Structural Steel Works
*Federal Bridge Co.
*Iowa Bridge Co.
PITTSBURGH-DES MOINES STEEL CO. *See adv index at end of book*
*Stark N. M. & Co.
DUBUQUE—Voggenthaler E. J. Co.
MUSCATINE—Niver Iron Works Co.
OSKALOOSA—*Seevers Mfg. Co.
OTTUMWA—*Ottumwa Box Car Loader Co. (Steel Structure of All Kinds)

KANSAS.

GALENA—Galena Foundry & Machine Co.
LEAVENWORTH — *Leavenworth Bridge Co. (Bridges Only)
Missouri Valley Bridge & Iron Co. (Bridges Only)
TOPEKA—*Capital Iron Works Co.
Perine Bros. Iron Works (Architectural)
*Topeka Bridge & Iron Co.
WICHITA—Christopher Geo. C. & Son
*Western Iron & Foundry Co.

KENTUCKY.

LOUISVILLE—Grainger & Co.
*Louisville Bridge & Iron Co.
*Snead Architectural Iron Works

LOUISIANA.

NEW ORLEANS—Bedell Structural Steel Works
Grimm H. F., Hennen Annes
Lukens Steel Co., S Peters

MAINE.

PORTLAND—Megquier & Jones Co.

MARYLAND.

BALTIMORE—Armstrong & Parker, Guilford av.
*Bartlett, Hayward Co., Scott & McHenry
*Chesapeake Iron Works, Westport
Dietrich Bros., cor Pleasant & Davis
McNamara Bros. Co., Westpoint
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*Hay Foundry & Iron Works, Plum Point la
*Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
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*Independent Bridge Co., May bldg
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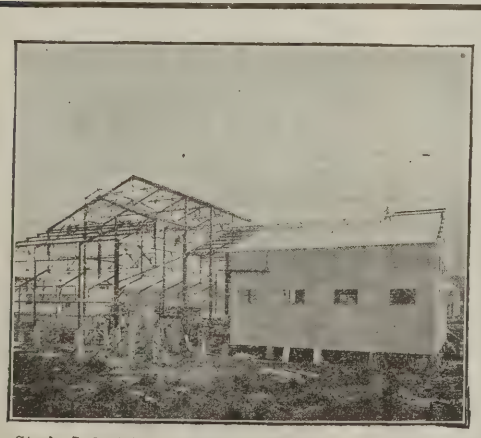
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*Milwaukee Bridge Co., 1400 34th
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*Skobis Co., 951 30th
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See Iron & Steel, Swedish

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Norton Iron Works, Ashland, Ky.
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Reeves Mfg. Co., Dover, Ohio
Republic Iron & Steel Co. (Niles Wks.), Niles, O.
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Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Seneca Iron & Steel Co., Buffalo, N. Y.
Tremont Nail Co., West Wareham, Mass.
Wheeling Iron & Steel Co., Wheeling, W. Va.

Steel Tank Plate

See Iron & Steel Boiler & Tank Plate

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WARD'S EDGAR T. SONS CO. (Stock for Immediate Delivery), 260 West, New York. *See adv index at end of book*

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Larkin J. K. & Co. (Threading), 253 Broadway, New York
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Steel Tipples & Trestles

See Tipples, Mine

14271— Steel (Toe Calk)

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Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.

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Carpenter Steel Co. (Crucible), Reading, Pa.
Century Steel Co. of Am., Poughkeepsie, N. Y.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Conn. Electric Steel Co., Inc. ("Phillipsite Conesco"), Hartford, Conn.
Continental Steel & Supply Co., 527H Howard, San Francisco, Cal.
Duke Steel Co. Inc., 191 Pearl, New York
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Welding Wire Norway Iron
Swedish Steel
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191 Pearl St., N. Y.

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FISHEL & MARKS CO. (Dealers), ft. of Krakow av, Cleveland, O.
Froment & Co., 150 Bank, New York
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Gladium Co., 127 Duane, New York
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Greaves Robt. K. & Co., 1336 W Washington blvd., Chicago, Ill.
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Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Harrow Spring Co., First National Bank bldg, Milwaukee, Wis.
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Irving Robert M., Syracuse, N. Y.
Jessop Wm. & Sons, Inc., 91 John, New York
Latrobe Elec. Steel Co. ("Uranium"), Latrobe, Pa.
Ludlum Steel Co. ("Albany," "Huron," "Mohawk," "Extra," "Promptor," "Special," "Utica" Alloy), Watervliet, N. Y.
Morris E. K. & Co. (Dealers), 317 W 2nd, Cincinnati, O.
McInnes Charles E. & Co., Mariners & Merchants bldg, Phila., Pa.
Midvale Steel & Ordnance Co. (All kinds), Widener bldg, Phila., Pa.
Morris E. K. & Co. (Dealers), 317 W 2nd, Cincinnati, O.
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See Tanks & Towers, Steel

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Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill. Mills: East Chicago, Ind.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section
Union Rolling Mill Co., Aetna rd & E 32nd, Cleveland, O.

14274—Steel (Umbrella Rod)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

14275— Steel (Vanadium)

Aborn Steel Co., 22 Clarke, New York
Andrews Steel Co. (& Chrome), Newport, Ky.
Bourne-Fuller Co. ("Scotts" Crucible Vanadium), Hickox bldg, Cleveland, O.
Electric Alloy Steel Co., Youngstown, O.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathan," Bars, Billets and Slabs), Massillon, Ohio
Cyclops Steel Co., 120 B'way, New York
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hammond Steel Co., Syracuse, N. Y.
Harrow Spring Co. (Chrome), Milwaukee, Wis.
Harvey Arthur C. Co., 506 Cambridge, Allston dist., Boston, Mass.
Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*
Sivyer Steel Casting Co., Milwaukee, Wis.
United Alloy Steel Corp. (Billets, Blooms, Slabs, Bars, Ingots & Plates), Canton, Ohio
Vanadium Alloys Steel Co., Latrobe, Pa.

14276—Steel (Vanadium, Plates, Sheets, Etc.)

Carbon Steel Co. (Plates, Automobile Steel, etc), ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth Bars, Plates, Sheets, Shapes, etc), Carnegie bldg, Pittsburgh, Pa.
Colonial Steel Co. (Crucible & Open Hearth Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc), 324 4th av, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Open Hearth & Electric Furnace, Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc), Oliver bldg, Pittsburgh, Pa.
Firth-Sterling Steel Co. (Crucible Bars & Tool Steel), McKeesport, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
HALCOMB STEEL CO. (Crucible & Electric Furnace, Bars, Sheets, Drill Rods, Tool Steel & Cold Drawn), Syracuse, N. Y. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass. *See adv index at end of book*
Jessop Steel Company (Sheets & Saw Steel etc), 91 John, New York. Works: Washington, Pa.
McInnes Steel Co. (Ltd.) (Crucible Tool Steel), Corry, Pa.
United Alloy Steel Corp. (Chrome Vanadium Bars & Plates), Canton, O.
Vulcan Crucible Steel Co. (Crucible & Open Hearth Bars, Tool Steels & Die Blocks), Aliquippa, Pa.

14277—Steel (Vanadium Tool)

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Bethlehem Steel Co. (Crucible), South Bethlehem, Pa.
Carbon Steel Co (Open Hearth), ft. 32nd, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible), Reading, Pa.
Colonial Steel Co. (Crucible & Open Hearth), 324 4th av, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Fairley-Davidson Steel Co., 122 Maiden Lane, New York
Firth Sterling Steel Co. (C. Y. W. Choice"), McKeesport, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Halcomb Steel Co. (Crucible), Syracuse, N. Y. *See adv index at end of book*
Hammond Steel Co., Syracuse, N. Y.
HAWKRIDGE BROS CO., 303 Congress, Boston, Mass. *See adv index at end of book*
Heller Bros. Co. (Crucible), 879 Mt. Prospect av, Newark, N. J.
Jessop Wm. & Sons, Inc., 91 John, New York
McInnes Steel Co. (Crucible), Corry, Pa.
Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.
Vulcan Crucible Steel Co. (Crucible & Acid Open Hearth), Aliquippa, Pa.

14278—Steel (Well Bit & Jar)

Carbon Steel Co., ft. 32d, Pittsburgh, Pa.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Hammond Steel Co., Inc., Syracuse, N. Y.

14279—Steel Wool & Shavings

American Steel Wool Mfg. Co. ("American" & "Ideal"), 451 Greenwich, New York
Buehne Steel Wool Co., 93 Nassau, New York
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hanson F. C. ("Hanson's" Bessemer), Southbridge, Mass.
Rhodes Jas. H. & Co. (Dealers), 2810 S Albany, Chicago, Ill.
Ridgely Trimmer Co., Springfield, O.
Thurston F. W. Co. (Imp.), 1832 S Clark, Chicago, Ill.
Waddell R. J. & Co. ("National"), 52 Beekman, New York

Steel Works Construction

See Blast Furnace & Steel Works Construction

14280—Steels (Butchers', Etc.)

American Cutlery Co. (Table & Butchers'), 764 Mather, Chicago, Ill.
Boker Cutlery & Hardware Co. ("Peppercorn"), 101 Duane, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Chatillon Jno. & Sons, 85 Cliff, New York
Clyde Cutlery Co., Clyde, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Meriden Cutlery Co., Meriden, Conn.
Nichols' W. E. Sons & Co., 52 Mill, Greenfield, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
White Ira F. & Son Co., Bloomfield, N. J.

Steerers (Steam)

See Engines, Steering

14281— Steins (Beer)

Bennett Edwin Pottery Co., Eden & Fleet, Baltimore, Md.
Owen China Co., Minerva, O.
Sebring China Co., Sebring, O.
Zanesville Art Pottery Co., Zanesville, O.

14282— Stencils

Allen Bros., 55 Cornhill, Boston, Mass.
Allen Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 85 John, New York
Arnold's J. H. Sons, 47 Fulton, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Ashmore Clifford, 210 Arch, Phila., Pa.
Atlanta Rubber Stamps & Stencil Works (For Cotton Mills), Atlanta, Ga.
Bailey Geo. P. & Son, Rochester, N. Y.
Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.
Barton Mfg. Co. (Steel), 87 Duane, New York
Beecher Fowler Mfg. Co., 244 3d, Louisville, Ky.
Black A. S., 206 Longworth, Cincinnati, O.
Borgstrom O. J., 118 S Clinton, Chicago, Ill.
Bourne Jno R., Rochester, N. Y.
Buchlein's Henry Sons, 27 Green, Newark, N. J.
Bunting Stamp Co., 713 Liberty av, Pittsburgh, Pa.
Carragan & Tilson (Steel), 83 Chambers, New York
Cleveland Steel Stamp Works (Steel), Commercial bldg, Cleveland, O.
Consolidated Stamp Mfg. Co. (Jobbers), 87 Maiden la, New York
Cunningham M. E. Co., 625 Smithfield, Pittsburgh, Pa.
Dayton Stencil Works (Steel), Dayton, O.
Dickey-Grahler Works (Steel & Brass), W Madison & 103d, Cleveland, O.
Dixie Seal & Stamp Co., Atlanta, Ga.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Everson & Reed Co., 83 Chambers, New York
Fries A. J. (Steel), 717 Sycamore, Cincinnati, O.
Gibson A. C. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
HANSON C. H. CO., THE, 173 N Clark, Chicago, Ill.
Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Hoggson & Pettis Mfg. Co. (Steel), New Haven, Conn.
Johnson D. E. Co., 140 William, New York
Johnston Thos. H., Harrisburg, Pa.
Kasper Stamp & Seal Co., 1103 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Kersting J. H., 75 Fulton, New York
Koch Gustav & Co., 120 S Clark, Chicago, Ill.
Koehler Henry L. Mfg. Co., Louisville, Ky.
Leonhardt Louis (Ltd.), 111 Warren, New York
Love Joseph V. & Co., Galveston, Tex.
McNamara M. Stamp & Stencil Wks., 85 Nassau, New York
Marsh Shipping Service Inc., Belleville, Ill.
Martin & Co. (Steel), 119 S Clark, Chicago, Ill.
Matthews Jas. H. & Co. (Copper, Brass & Zinc), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Monce S. G. (Steel), Unionville, Conn.
Mulinari P., 118 Light, Baltimore, Md.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
N. Y. Stencil Works, 100 Nassau, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn.
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Ohio Steel Stamp Co., 105 Prospect av, N. W., Cleveland, Ohio
See adv index at end of book
Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
Pittsburgh Steel Stamp Co., 316 Penn av, Pittsburgh, Pa.
Power J. H. & Co., 80 High, Boston, Mass.
Quaker City Stencil & Stamp Wks., 234 Arch, Phila., Pa.
R. & S. ENGRAVING & DIE WKS. (Branding Hammers), 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Reese S. W. & Co. ("Eureka" Adjustable), 44 Vesey, New York
Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.
Robbins John Mfg. Co. (Steel), 58 Kneeland, Boston, Mass.
Sackmann F. A. (Steel), 810 Prospect, S E, Cleveland, O.
Salt Lake Stamp Co., Salt Lake City, Utah
Schneider Louis, 249 Market, Newark, N. J.
Schweizer C. K., 520 N 3rd, St. Louis, Mo.
Schwerdtle Stamp Co. (Steel), 43 Cannon, Bridgeport, Conn.
Smith R. H. Mfg. Co., Springfield, Mass.
Southern Stamp Co., Little Rock, Ark.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stafford Nelson Co. (Steel), 67 Fulton, New York
Stencil Treasury (Steel), 209 E 59th, New York
Sternberg Albert E., 214 Arch, Phila., Pa.
Stewart R. A. & Co., 201 B'way, New York
Swisher R. D. Mfg. Co. (Brass), 415H S. Clinton, Chicago, Ill.
Tidewater Stencil Works, Norfolk, Va.
Time & Emery Co., 9 S Clinton, Chicago, Ill.
Timme E. A. & Son, Worcester, Mass.
Troy Rubber Stamp Works, Troy, N. Y.
Turner S. B. & Son, Norfolk, Va.
Universal Stamp Works, 252 Market, Newark, N. J.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Wardsworth Engraving Co., Springfield, O.
Western Stamp & Stencil Co., Omaha, Neb.
Williams Chas F. Stamp Co. (Steel), 38 Chardon, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

14283— Steps (Automobile)

Columbus Bolt Works Co., Columbus, O.
English & Mersick Co., New Haven, Conn.
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.

14284— Steps (Pole)

AMERICAN STEEL & WIRE CO. ("American"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Capital Electric Co., Salt Lake City, Utah
Carolina Cross Arm Co., Elkin, N. C.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. (Removable), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
Galvanized Products Co., Phillipsburg, N. J.
Grabler Mfg. Co., Cleveland, O.
Gravely B. F. & R. P., Martinsville, Va.
Hallett Iron Works ("Hallett" Double Pointed & Detachable Butt, etc.), Harvey, Ill.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. & Supply Co., Chamber of Com. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
M. E. Bolt & Steel Co., Everett, Mass.
Michigan Bolt & Nut Works, ft. of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Morris Elmer P., 136 Liberty, New York
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O. *See Branch Offices Alphabetical Section*
St. Louis Malleable Casting Co., 7700 N. B'way, St. Louis, Mo.
Strieby & Foote Co., 301 Ogden, Newark, N. J.

14285— Steps (Sewer)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

14286— Steps (Sill)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

14287— Stereometers

Bausch & Lomb Optical Co., Rochester, N. Y.

14288— Stereopticons

Amusement Supply Co., 5 S Wabash av, Chicago, Ill.
Beseler Chas. Co., 131 E 23rd, New York
Breck Photoplay Supply Co., San Francisco, Cal.
Brenkert Light Protection Co., 49 Cortlandt av, Detroit, Mich.
Enterprise Optical Mfg. Co., 564 W Randolph, Chicago, Ill.
Fox Arthur W., 83 Schermerhorn, Brooklyn, N. Y.
McAllister T. H.-Keller Co., 176 Fulton, New York
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
Newton C., 305 W 5th, New York
Thompson Albert T. & Co., 15 Tremont pl., Boston, Mass.
Underwood & Underwood, 417 5th av, New York
Universal Electric Stage Lighting Co. ("Kliegl Bros."), 240 W 50th, New York
Victor Animatorgraph Co., Davenport, Ia.
Williams Brown & Earle, 918 Chestnut, Phila., Pa.

14289— Stereoscopes

Underwood & Underwood, 417 5th av, New York
White H. C. Co., North Bennington, Vt.

Sterilizers (Dairy)

See Pasteurizers, Milk, etc

14290— Sterilizers (Electric)

Automatic Elect. Sterilizer Co. (Barbers', Surgical, etc), Hamilton, O.
Barnstead Still & Sterilizer Co. (For Hospitals, Surgeons, Dentists, etc), Boston, 30, Mass. *See adv index at end of book*
Castle Wilmot Co., Rochester, N. Y.
Hulbert Electro-Steam Mfg. Co. ("Hulbert" Electro-Steam), 76H Tehama, San Francisco, Cal.
Prometheus Electric Co., 511 W 42d, New York
R. U. V. Co., 150 B'way, New York

Sterilizers (Milk)

See Pasteurizers, Milk, etc.

14291—Sterilizers (Milk Bottle)

BARNSTEAD MFG. CO. (Nursing, "Improved Barnstead" for Home Use), 62 Washington, No Boston, Mass. *See adv index at end of book*
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Biggs Boiler Works Co., Case av & Williams, Akron, Ohio *See adv index at end of book*
Davis-Watkins Dairymen's Mfg. Co., Dept H, North Chicago, Ill.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.

14292— Sterilizers (Water)

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
BARNSTEAD MFG. CO. ("Improved Barnstead" Electric, Gas & Steam for Hospitals), 62 Washington, N Boston, Mass. *See adv index at end of book*
Barnstead Still & Sterilizer Co. (Electric Steam, Gas & Oil for Hospitals), Boston 30, Mass. *See adv index at end of book*
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Castle Wilmot Co., Rochester, N. Y.
Electric Water Sterilizer & Ozone Co. (Electric), Scottdale, Pa.
Forbes Co., 1234 Callowhill, Phila., Pa.
Hill Pump Valve Co. ("Oxone"), 4001-21 Belmont av, Chicago, Ill.
Hospital Supply Co., 153 E 23rd, New York
Jewell Polar Co., 24 S Clinton, Chicago, Ill.
Lomis Manning Filter Mfg. Co., 37th & Reed, Phila., Pa.
Neel-Armstrong Co., Akron, O.
Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York
Wallace & Tiernan Co., Inc., 349 B'way, New York

14293— Sterilizing Apparatus

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
BARNSTEAD MFG. CO. ("Improved Barnstead" Electric, Gas & Steam for Hospitals for Water Instruments, Utensils, Dressings & Bedding), 62 Washington, No. Boston, Mass. *See adv index at end of book*
Barnstead Still & Sterilizer Co. (Electric, Steam, Gas & Oil for Hospitals), Boston 30, Mass. *See adv index at end of book*
Bausch & Lomb Optical Co., Rochester, N. Y.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Biggs Boiler Works Co., Case av & Williams, Akron, O. *See adv index at end of book*
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Bramhall, Deane Co. (For Hospitals, etc), 261 W 36th, New York
Castle, Wilmot Co. ("Autoclave"), Rochester, N. Y.
Climax Machinery Co. (For Milk), Indianapolis, Ind.
Devine J. P. Co., Buffalo, N. Y.
Erie City Mfg. Co. ("Superior," Cabinet), Erie, Pa.
Hospital Supply Co. (For Hospitals), 153 E 23rd, New York
Jewell Water Improvement Co. (Chlorine), 9 S Clinton, Chicago, Ill.
Koven L. O. & Bro. (All Kinds), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Ladd John W. Co., 2016H W. Lafayette, Detroit, Mich.
Majestic Electric Development Co., 656 Howard, San Francisco, Cal.
Northwestern Steel & Iron Works (Milk Bottle), Eau Claire, Wis.
Ray Geo. A. Mfg. Co. (Sterilizers & Steamers. All Copper, Nickel Plated, etc), for Barbers Only), Buffalo, N. Y.
Raymond Mfg. Co. (For Laundries), Sangatuck, Conn.
Ruv Co., Inc., 165 B'way, New York
Sheet Metal Mfg. Co., W. Federal, Youngstown, O.
Silver & Co. (Milk), 304 Hewes, Brooklyn, N. Y.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Sterilizer Mfg. Co. ("Darnall"), Syracuse, N. Y.
Toledo Cooker Co. (Milk), Toledo, O.
Twentieth Century Machinery Co., Nat'l Bank Bldg, Milwaukee, Wis.
Whitall Tatum Co., 48 Barclay, New York

14294— Sticking Tommies

Laughlin Thos. Co., Portland, Me.
Marine Hardware Equipment Co., S Portland, Me. *See adv index at end of book*
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

14295— Sticks (Candy)

BOGERT & HOPPER, INC. (Wood Sucker, Taffy, etc), 57 Barclay, New York. *See adv index at end of book*
CUTTER - TOWER CO., INC., 405H Lexington av, New York
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

14296— Sticks (Clapper)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of CANDY STICKS
Meat Skewers, Flag Sticks, Floral Sticks and Small Splint and Rod Work Generally.
364 5th Ave., New York City

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

14297— Sticks (Clothes)

Stevenson Mfg. Co., So. Bend, Ind. *See adv index at end of book*

14298 — Sticks (Cutter)

Carrom Co., Ludington, Mich.
Menasha Mfg. Co. (For Paper Mills), Menasha, Wis.
Zimmer Mfg. Co., 59 Beekman, New York

14299— Sticks (Drum)

Bernheimer & Blumenthal Co., Inc., 138 W 14th, New York
Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

14300—Sticks (Hockey & Polo)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Lebzelter P. & Son Co., Lancaster, Pa.
Piper B. H. Co., Manchester, N. H.
Shepard H G. & Sons, New Haven, Conn.
Smith G. W. & Son, Canterbury, Conn.
Torrey Bros. Co., Central Village, Conn.

14301-2— Sticks (Plant)

Beverstock O. D. Co., Keene, N. H.
Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Chase Benj. Co., Derry, N. H.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

14303—Sticks (Printers' Composing)

Chandler & Price Co. ("Buckeye," "Yankee," Common Screw, Perfect News, etc), 6000 Carnegie av, Cleveland, O.
EAGLE ENGINEERING CO. ("Star"), Springfield, O.

14304—Sticks (Shoemakers' Size)

Lufkin Rule Co., Saginaw, Mich.

14305— Sticks (Stretcher)

Bogert & Hopper, Inc. (Glove), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Chair & Glove), 364 5th av, New York *See adv index at end of book*
Strock L. W. & Co. (For Mines), Bethlehem, Pa.

14306—Sticks (Track Switch)

Strieby & Foote Co., 301 Ogden, Newark, N. J.

14307—*Sticks (Turned Wood)

ESTES E. B. & SONS (Candy, Taffy, Manicure, Floral, Drum, Clapper, Flag, Gambrel, etc), 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

14308— Sticks (Umbrella)

Ackerson S, 10 E 15th, New York
Gigrich A. A. & Co., Amityville, N. Y.

14309— Sticks (Welding)

Chicago Hardware Foundry Co. (Aluminum, Brass & Iron), North Chicago, Ill.
Ideal Bronze Co., 1265 E 55th, Cleveland, Ohio
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

14310— Stiffeners (Heel)

Fate-Root-Heath Co. ("Universal," "Lion," "R.-H." Steel), Plymouth, O.
Stowell Co. The ("Lyon," Adjustable), S Milwaukee, Wis.

14310a— Stills (Acetone)

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.

Lummus, Walter E. Co., 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

14311— Stills (Acid)

American Welding Co., Carbondale, Pa.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Baeuerle & Morris, 932 N Front, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Elyria Enameled Products Co., Elyria, O.
Lummus, Walter E. Co. (Acetic), 171 Milk, Boston, Mass.
Joubert & Goslin Mach. & Fdry. Co. (Fatty), Birmingham, Ala.
Stuart & Peterson Co., Burlington, N. J.

14312—Stills (Alcohol, Rum, Etc.)

American Copper & Brass Works, Cincinnati, O.
American Welding Co., Carbondale, Pa.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Baeuerle & Morris, 932 N Front, Phila., Pa.
Braun-Knecht-Heimann Co. (Alcohol), 576-584 Mission, San Francisco, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Lummus Walter E. Co. (Specialty Wood Alcohol), 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Struthers-Wells Co. (Wood Alcohol), Warren, Pa.
Stuart & Peterson Co., Burlington, N. J.

14312a— Stills (Ammonia)

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Bartlett-Howard Co., Scott & McHenry, Baltimore, Md.
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Lummus, Walter E. Co., 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

14312b— *Stills (Aniline)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14312c—Stills (Benzol Refining)

Bartlett, Hayward & Co., Scott & McHenry, Baltimore, Md.
Lummus, Walter E. Co., 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

14312d— Stills (Cast Iron)

Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clow James B. & Sons, Franklin & Harrison, Chicago, Ill.
Duriron Castings Co., Dayton, O.
Elyria Enameled Products Co. (Enameled), Elyria, O.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Stevens Bros., 85 Liberty, New York
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Warren Foundry & Machine Co., Phillipsburg, N. J.

14313—*Stills (Cheese Box for Oil)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book

14314— Stills (Copper)

American Copper & Brass Works, Cincinnati, O.
ATLAS COPPER & BRASS MFG. CO., 2734 High, Chicago, Ill.
See adv index at end of book
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Baeuerle & Morris, 932 N Front, Phila., Pa.
Blymyer Iron Works Co. (For Sugar Cane, etc), Cincinnati, O.
Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Deuel Chas. C. Co., 75 Jones, Detroit, Mich.
Devine J. P. Co., Buffalo, N. Y.
Flynn Wm. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Harris Arthur & Co., 212 N Curtis, Chicago, Ill. *See adv index at end of book*
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.
Keller George, 1051 Wycoff av, B'klyn, N. Y.
Laubeheimer Geo. E. Co., 17 N La Salle, Chicago, Ill.
Lummus Walter E. Co. (Jacketed, Coil & Fire Heated), 173 Milk, Boston, Mass.
McMillan Metal Co. (Turpentine), Savannah, Ga.
Philadelphia Coppersmithing Co. (Multiple, Effects), 222 N Front, Phila., Pa.
Roos' August Son, 429 E 91st, New York
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Squier Geo. L. Mfg. Co., B'way & Mortimer, Buffalo, N. Y.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Trageser John Steam Copper Works, 457 W 26th, New York
Vulcan Copper Works Co., 120 Sycamore, Cincinnati, O.
Young Bros. Co., 666 Mack, Detroit, Mich.
Zobler Otto Mfg. Co., 336 N Oakley blvd, Chicago, Ill.

14315— Stills (Crude Oil)

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Columbiana Boiler Co, Columbiana, O.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Standard Boiler & Plate Iron Co., Niles, Ohio
United Iron Works, Inc., Kansas City, Mo.

14315a— Stills (Dreg)

Burkhard Thomas, Inc., 494 Flushing av, Brooklyn, N. Y.
Oat Joseph & Sons, 232 Quarry, Phila., Pa.

14315b—*Stills (Formaldehyde)

Lummus Walter E. Co. (Sole Makers in U. S.), 171 Milk, Boston, Mass.

14315c— Stills (Fractionating)

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Burkhard Thomas, Inc., 494 Flushing av, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Oat Joseph & Sons, 232 Quarry, Phila., Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Thermal Syndicate, Ltd., 80 E 41st, New York

14316—Stills (Gasoline & Benzine)

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Braun-Knecht-Heimann Co. (Gasoline), 576-584 Mission, San Francisco, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Lummus, Walter E. Co., 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Struthers-Wells Co., Warren, Pa.

14316a— Stills (Glycerine)

Garigue William & Co., W 45th & Western av bl., Chicago, Ill.
Houchin-Aiken Co., 113 53rd, B'klyn, N. Y.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

14317—Stills (Household & Laboratory Water)

BARNSTEAD MFG. CO. ("Improved Barnstead" Home Still), 62 Washington, No. Boston, Mass.
See adv index at end of book
Castle, Wilmot Co., Rochester, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

14317a—Stills (Lead & Tin Lined)

American Lead Burning Corp., 30 Church, New York
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Roos Chas. A., 429 E 91st, New York

14318—Stills (Multiple Effects)

Devine J. P. Co., Buffalo, N. Y.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

14318a—*Stills (Nitric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14319—Stills (Oil, Tar, Etc.)

See also Sugar Machinery

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
American Welding Co., Carbondale, Pa.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Braun-Knecht-Heimann Co. (Oil), 576-584 Mission, San Francisco, Cal.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Columbiana Boiler Co., Columbiana, O.
Devine J. P. Co., Buffalo, N. Y.
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Eimer & Amend, 205 3d av, New York
Gas Machinery Co. (Tar & Ammonia), 1900 Euclid av, Cleveland, O.
Graver Corp. (For Oil Refineries), East Chicago, Ind.
See adv index at end of book
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Isbel-Porter Co. (Ammonia), 46 Bridge, Newark, N. J.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lacy Mfg. Co., Los Angeles, Cal.
Leslie, Elliott & Co., Paterson, N. J.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
McCabe Boiler Works, 195 Commerce, Newark, N. J.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Power Specialty Co., 111 B'way, New York
See adv index at end of book
Reeves Bros. Co., The, Alliance, O.
See adv index at end of book
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Rust Engineering Co., 1901H Fifth av, Pittsburgh, Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.
Standard Boiler & Plate Iron Co., Niles, Ohio
Struthers-Wells Co., Warren, Pa.
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell, M. H. Co. of Ill., 208 La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

14320—Stills (Pharmaceutical)

BARNSTEAD MFG. CO. ("Improved Barnstead"), 62 Washington, N Boston, Mass. *See adv index at end of book*
Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.
Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.
Eimer & Amend, 205 3d av, New York
Lummus Walter E. Co. (Ether), 171 Milk, Boston, Mass.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stokes E. J. Machine Co., 17th & Cambria, Phila., Pa.
Thermal Syndicate, Ltd. (Fused Silicia), 59 E 41st, New York

14320a— *Stills (Phenol)

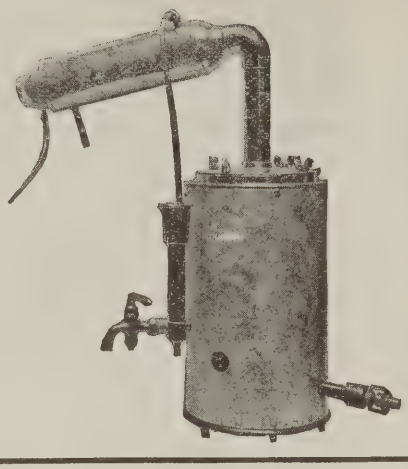
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Lummus Walter E. Co., 171 Milk, Boston, Mass.

14321—Still (Soap Makers')

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Houchin, Aiken Co., 113 53d, Brooklyn, N. Y.

14322— Still (Steam)

BARNSTEAD MFG. CO. ("Improved Barnstead"), 62 Washington, N Boston, Mass. *See adv index at end of book*
Barnstead Still & Sterilizer Co., Boston 30, Mass. *See adv index at end of book*
Columbiana Boiler Co., Columbiana, O.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Lummus Walter E. Co., 171 Milk, Boston, Mass.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Scott Ernest & Co. ("Scott"), Fall River, Mass.



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Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Struthers-Wells Co., Warren, Pa.
United Iron Works, Inc., Kansas City, Mo.
Warren City Tank & Boiler Co., Warren, Ohio

14322a—*Stills (Sulphuric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14322b—Stills (Toluol Refining)

Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Scott Ernest & Co. ("Scott"), Fall River, Mass.

14323— Stills (Turpentine)

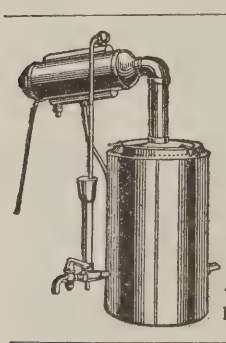
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
McMillan Metal Co., Savannah, Gas.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Struthers-Wells Co., Warren, Pa.

14323a— Stills (Vacuum)

Elyria Enameled Products Co. (Glass Enameled), Elyria, O.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Laubenheimer Co. (Copper & Iron), 17 N La Salle, Chicago, Ill.
Lummus Walter E. Co., 171 Milk, Boston, Mass.
Stevens Bros., 149 B'way, New York

14324— Stills (Water)

American Copper & Brass Works, Cincinnati, O.
American Sterilizer Co., Erie, Pa.
Badger E. B. & Sons Co., 75a Pitts, Boston, Mass. *See adv index at end of book*
BARNSTEAD MFG. CO. ("Improved Barnstead"), 62 Washington, N Boston, Mass. *See adv index at end of book*
Barnstead Still & Sterilizer Co., Boston 30, Mass. *See adv index at end of book*



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Braun-Knecht-Heimann Co., 575-584 Mission, San Francisco, Cal.
Colton Arthur Co., 2600H E Jefferson, Detroit, Mich.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Devine J. P. & Co., Buffalo, N. Y.
Eimer & Amend, 205 3d av, New York
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Gray Peter & Sons, Inc. (Laboratory), 286 Third, East Cambridge, Mass.
Hodges Water Still Co., Pennsylvania bldg, Phila., Pa.
Jewell Polar Co., 24 S Clinton, Chicago, Ill.
Jewell Water Improvement Co., 9 S Clinton, Chicago, Ill.
Koven L. O. & Bro. (Also Turpentine), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lalor W. M., Manhattan bldg, Chicago, Ill.
Row & Davis, Engineers Inc., 90 West, New York
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Sparta Mfg. Co., South Bend, Ind.
Standard Water Systems Co. ("Tripure," Steam or Gas Operated), Hampton, N. J.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Sugar Apparatus Mfg. Co., Wilmington, Del.
Thermal Syndicate, Ltd. (Fused Silica for Laboratories), 59 E 41st, New York
Trageser John Steam Copper Works, ("Ralston"), 447 W 26th, New York
Young Bros. Co., 666 Mack, Detroit, Mich.
Young E. R. & Sons, Titusville, Pa.

14325—Stills (Wine Testing)

Case W. A. & Sons Mfg. Co, Buffalo, N. Y.

14326— Stirrers (Chemical)

Duriron Castings Co. ("Duriron" Acid Proof), Dayton, Ohio
Johnson John Co., 37th & 2nd av., Brooklyn, N. Y.

14327-8—Stirrups or Hangers

Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.
Frelinger J. G. Iron Works, 115 W 2nd, Cincinnati, O.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co. (Stove Bolt Stirrups), 847 W 63d, Chicago, Ill.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.
Pawtucket Mfg. Co. (Stirrups Only), Pawtucket, R. I.
Peters Jas. & Son (Wrought Iron, Stirrups), 1924 N Front, Phila., Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Republic Structural Iron Works Co., 350 E 53rd, Cleveland, O.
Roanoke Iron & Bridge Works, Inc., Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
Variety Mfg. Co. ("Mulvey" Stirrups), 2958 Carroll av, Chicago, Ill.
Wendt Albert H. (Truss Stirrups), 456 E 2d, Cincinnati, O.

14329—Stirrups (Saddle, Iron)

Buermann Aug. Mfg. Co., 220 Jeliff av, Newark, N. J.
Elbel Co., Canton, O.

14330-1—Stirrups (Wooden)

Fort Recovery Stirrup Co., Ft. Recovery, O.
Whirrett Bros., Delphos, O.

Stock Fountains

See Fountains, Stock

14332— Stock Marks

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

14333—Stock Shells (Steel Calender)

Gammeter W. F. ("Universal" for Rubber Mfrs.), Cadiz, O.

Stock (Spool)

See Spools

Stockings (Elastic)

See Hosiery, Surgical, Elastic

14333a— *Stocks (Gun)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14334— Stocks (Horse)

Wabash Foundry Co., Wabash, Ind.

14335— Stocks & Dies

See also Screw Plates

American Tap & Die Co. ("Adamantine," "Acme" & "Eagle" Blacksmiths' & Pipe), Greenfield, Mass.
ARMSTRONG MFG. CO. ("Genuine Armstrong" Pipe & Bolt Threading, etc), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Ashcroft Mfg. Co. (Pipe), 119 W 40th, New York
Bay State Tap & Die Co. (Solid Screw Plate Stocks, etc), Mansfield, Mass.
Borden Co., The ("Beaver" Adjustable Die Stocks), Warren, O.
Brubaker W. L. & Bros. ("Armstrong" Pattern Adjustable), Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co. ("True Blue" & "Little Wonder"), Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster, Pa.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crane Co. (Solid, Adjustable & Screwing), Bridgeport, Conn.
Crown Die & Tool Co. ("Crown" Solid Dies), 553 W Monroe, Chicago, Ill.
GREENFIELD TAP & DIE CORP. ("Lightning," "Green River," "Little Giant," "O. K." & "G. T. D."), Greenfield, Mass.
See adv index at end of book
Handy Mfg. Co. ("Handy"), Bridgeport, Conn.
Hart Mfg. Co. ("Buckeye," "Duplex" Adjustable Ratchet Die Stocks), Cleveland, O.
Hinman D. A. & Co. ("Enterprise" Ratchet Die Stocks), Sandwich, Ill.
Hollands Mfg. Co. (Pipe), 352 E 18th, Erie, Pa.
Jarecki Mfg. Co. (Pipe Threading, etc), Erie, Pa., & Pittsburgh Pa.
Johnson & Biddle Tool Co., Elkhart, Ind.
Johnson O. A. & Sons, 6522 S. Winchester av, Chicago, Ill.
Kelly Reamer Co., Columbus rd, Cleveland, Ohio

Kemp C. M. Mfg. Co. ("Climax" Ratchet Stocks), 405 E Oliver, Baltimore, Md.
Keystone Die Stock Co. ("J. J. Delehant's Keystone" Die Stocks), 652 W 47th, Chicago, Ill.
Levi Benjamin (Dies), 355 W B'way, New York
LOWELL WRENCH CO. (Ratchet Die Stocks), 54 Commercial, Worcester, Mass. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Mark Mfg. Co., Evanston, Ill.
Michigan Machine Co., 85 Porter, Detroit, Mich.
Morse Twist Drill & Machine Co. ("Morse"), (Screw Plates & Dies), New Bedford, Mass.
Nye Tool & Machine Works ("Nye" Solid Die Stocks & Adjustable Hand Stocks), 108 N Jefferson, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oster Mfg. Co. ("Oster," "Bull Dog," Ratchet Stock & Die), 2057 E 61st pl, Cleveland, O.
Outlet Cutter Sales Corp., 162 W 34th, New York
Pancoast Hy. B. Co. (Pipe Threading, etc), 950 N Front, Phila., Pa.
Polk A. J. & Son Co. (Pipe), Millersburg, Pa.
Pratt & Whitney Co. ("Whitney" Ratchet Drill Stock), Hartford, Conn.
Reed Mfg. Co. (Adjustable & Solid Pipe & Bolt), Erie, Pa.
Robbins, Gamwell & Co. (Die Stocks), Pittsfield, Mass.
Russell Mfg. Co., Greenfield, Mass.
Saunders D. Sons (Pipe Threading, etc), Yonkers, N. Y.
Standard Engineering Co. (Hand), Ellwood City, Pa.
Toledo Pipe Threading Machine Co. (Hand Operated Threading Tools), 1440 Summit, Toledo, O.
Walworth Mfg. Co. ("Hall," Pipe Threading, etc), Boston, Mass.
Winter Bros. Co. (Die Stocks), Wrentham, Mass.

14335a— *Stokers (Automatic)

Schaffer Engineering & Equipment Co. (Continuous & Automatic Control), 2828 Smallman, Pittsburgh, Pa. *See adv index at end of book*
Yonts C. H. Co., Meadville, Pa.

Stokers (Hand)

See Locomotive Stokers

14335b—Stokers (Powdered Coal)

Aero Pulverizer Co., 120 B'way, New York
Fuller-Lehigh Co., Fullerton, Pa. *See adv index at end of book*
Stroud E. H. & Co., 928 & 934 Fullerton av, Chicago, Ill.

14336—Stone (Artificial Building)

See also Blocks, Hollow Concrete Building

Anchor Building Co. (Trim), Elizabeth, N. J. *See adv index at end of book*
Art Stove Co. (See Artificial Marble for Process for Making Decorative Stone and Bldg. Trim, Amos Stauffer, Pres.), 52 N Potomac av, Waynesboro, Pa.
Art Stone Co., Millers Falls, Mass.
Buffalo Litholite Co., Main & Amherst, Buffalo, N. Y.
Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Decorative Stone Co., New Haven, Conn.
Eilbacher Chas., 32 4th, Elizabeth, N. J.
Emerson & Norris Co., Boston, Mass.
Hydro Stone Products Co. ("Hydro-Stone"), 175 W Jackson blvd., Chicago, Ill.
Kraus J. C. Cast Stone Works (Balustrades, Columns, etc), 363 Lexington av, New York
Menefee Art Stone Co., Ft. Wayne, Ind.
New England Stone Co. (For All Purposes), New Haven, Conn.
Norwood Concrete Block & Constr'n Co., Madison av, & C. L. & N. Ry., Norwood, O.
Onondaga Litholite Co., Syracuse, N. Y.
Puritan Cement Stone Co., 164 Federal, Boston, Mass.
Rackle Geo. & Sons Co., A B C Line, Cleveland, O.
Reimers-Kaufman Co., Lincoln, Neb.
Simpson Bros. Corp., 166 Devonshire, Boston, Mass.
Whitman Studios (Ornamental), 900 Oxford, Phila., Pa.

Stone Crabs (Hook & Chain)

See Crabs, Hoisting

14337— Stone (Crushed)

See also Trap Rock; also Granite Producers, Workers, etc; also Stone Producers, Workers, etc; also Stone Screenings

Pennington Trap Rock Co., 1539 Filbert

ARKANSAS.

LITTLE ROCK—Big Rock Stone & Construction Co.
Blue Trap Rock Co.
Pulaski Stone Co.

CALIFORNIA.

COLTON—California Portland Cement Co. (Limestone)
LOS ANGELES—California Portland Cement Co. (Limestone)
Golden State Portland Cement Co., 112 W 9th
Los Angeles Stone Co., Baker Detwiler bldg.
SAN FRANCISCO—California Building Material Co., 500 New Call bldg

CONNECTICUT.

BRIDGEPORT—Burns Co.
MERIDEN—Connecticut Quarries Co.
Lane Quarry Co.
NEW HAVEN—Blakeslee C. W. & Sons, 58 Waverly
NORWICH—Torrance Archibald

DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine
Stewart & Donohue
Warner Chas. Co., I. O. O. F. bldg.

DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Granite & Dredging Co., 3036 K, N W

GEORGIA.

ATLANTA—Whitestone Marble Co. (Marble)
CARTERSVILLE—Ladd Lime & Stone Co.
MACON—Georgia Quincy Granite Co.

ILLINOIS.

ALTON—Armstrong Jno. Lime & Quarry Co. (Limestone)
BELLEWOOD—O'Laughlin A. C. Co.
CHICAGO—Brownell Improvement Co. (Limestone, also Concrete Stone), Cham. of Com. bldg
Chicago Union Lime Works Co., 1900 W 19th
Dolese Bros. Co. (Limestone), 10 S La Salle, Chicago, Ill.
Dolese & Shepard Co. (Limestone), 108 La Salle
Illinois Stone Co., 29 S La Salle
O'Laughlin A. C. Co., 133 W Wash'n
Producers' Material Co., 29 S La Salle
Stearns Lime & Stone Co. (Limestone), 160 W Randolph
United States Crushed Stone Co., 108 S La Salle
Universal Crushed Stone Co., 29 S La Salle
Waushara Granite Co., 133 W Washington
Western Stone Co., 133 W Wash.
Wisconsin Granite Co. (Granite), 11 S La Salle
EAST ST. LOUIS—East St. Louis Stone Co.
ELGIN—Magnus Andrew
JOLIET—Joliet Flux Co.
National Stone Co. (Limestone)
KANKAKEE—Lehigh Stone Co.
MADISON—Kettle River Co. (Sandstone)
PEORIA—Wasson T. J.
QUINCY—Menke F. W. Stone & Lime Co. (Limestone)
Roeder Greeman Stone & Construction Co.
ROCKFORD—Hart & Page
ROCK ISLAND—Davis T. B. & S. S. (Crushed Rubble Limestone)

INDIANA.

HUNTINGTON—Erie Stone Co. (See Toledo, O.)
Keefer Henry
Logansport Stone & Construction Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania av
INGALLS—Big Four Crushed Stone Co.
MITCHELL—Mitchell Lime Co.
MONON—Monon Crushed Stone Co.
OSGOOD—Ashman Geo.
ST. PAUL—Greely Stone Co.

IOWA.

BETTENDORF—Bettendorf Stone Co.
BUFFALO—Dolese Bros. Co.
DAVENPORT—Linwood Quarries Co.
FORT MADISON—Fort Madison & Appanosse Stone Co.
IOWA FALLS—Ellsworth Stone Co.
KEOKUK—McManus & Tucker

KANSAS.

EL DORADO—Dolese Bros. Co.
HUTCHINSON—Solvay Process Co.

KENTUCKY.

FREESTONE—Kentucky Bluestone Co. (For Concrete)
MT. VERNON—Sparks W. J. Co.
NEWPORT—Ohio River Stone Co.

MARYLAND.

BALTIMORE—Beaver Dam Marble Co., Gunther bldg
Guilford & Waltersville Granite Co., Law bldg
Pope B. F., Law bldg
Standard Lime & Stone Co. (Limestone, Granite, etc), Equitable bldg
DICKERSON—Standard Lime & Stone Co.
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PORT DEPOSIT—Port Deposit Quarry Co. (Granite)
SECURITY—*Security Cement & Lime Co. (Limestone)

MASSACHUSETTS.

BOSTON—Beatty Construction Co., 66 Warren
Coleman J. C., & Sons Co., 1620 Tremont
McMurry A. J. & G. H., 16 Shepard (Br)
New England Crushed Stone Co., 125 Forest Hills, J. P.
Rockport Granite Co. (Granite, All Sizes), 31 State
CHELSEA—Coleman Bros.
FALL RIVER—Beattie Wm. H.
MONSON—Flynt W. N. Granite Co. (Granite & Trap Rock)
QUINCY—Kavanagh Bros. Co.
Old Colony Crushed Stone Co.
WALTHAM—Waltham Trap Rock Co.
WEST CHELMSFORD—Fletcher H. E. Co. (Granite)

MICHIGAN.

DETROIT—Baltinger Wm. F., 1486 Mach av
Calvert's J. Sons, McGraw bldg
*Dunbar & Sullivan Dredging Co., Dime Bank bldg
Little Chas. H. Co., Dock River Rouge
Meier Hubert A., 525 Bellevue
Piggins Wm. S. Sons
Rankin Wm., 286 Commonwealth
Solvay Process Co. (Quarries & Wks., Sibley, Mich.) Debray
MANISTIQUE—White Marble Lime Co. (Limestone)

MINNESOTA.

DULUTH—Duluth Crushed Stone Co.
KASOTA—Babcock & Wilcox
Breen Stone & Marble Co.
MANKATO—Fowler & Pay
MINNEAPOLIS—Blue Limestone Co., B'way & K N W
Kettle River Co. (Sandstone), Plymouth bldg
Minnesota Crushed Stone Co., 1500 Johnson N E
NEW ULM—New Ulm Stone Co.
ST. PAUL—St. Paul Crushed Stone Co., Stewart & Victoria
SANDSTONE—Kettle River Co.
WINONA—Biesanz Stone Co. (Limestone)

MISSOURI.

CAPE GIRARDEAU—Hely Edw. (Limestone)
KANSAS CITY—Belt Line Crusher Co.
Dewey Portland Cement Co., Scarritt bldg
Lyle Rock Co.
Parker-Washington Co.
Stewart Sand Co., American Bank bldg
ST. JOSEPH—Young Bros. Construction Co.
ST. LOUIS—Eyermann G. & Bro., 1216 S Grand av
Glencoe Lime & Cement Co., Syndicate Tr. bldg.
Missouri Granite & Construction Co., 3410 Gratiot
Schneider Granite Co. (Granite), 2140 De Kalb

NEBRASKA.

BLUE SPRINGS—Davis Geo. H.
OMAHA—Schall A. & Co.

NEW HAMPSHIRE.

MARLBOROUGH—Webb Granite & Construction Co.

NEW JERSEY.

BOUND BROOK—Bound Brook Crushed Stone Co.
DUNELLEN—Dunellen Lumber & Stone Co.
EAST NEWARK—Van Keuren & Son
JERSEY CITY—Delaware River Quarry & Construction Co. (Railroad Ballast, etc), 390 George
LAMBERTVILLE—Delaware River Quarry & Const. Co.
LITTLE FALLS—Ferguson's, Wm. A. Sons
MORRISTOWN—Morris County Crushed Stone Co.
Paterson Crushed Stone Co.
Schmidt F. W.
NEW DURHAM—Belmont, Gurnee Stone Co.
NEWARK—Tomkins Bros., 74 Passaic
Upton F. R. (Sandstone), 9 Clinton bldg
Van Keuren & Son, 501 Passaic av
PATERSON—McKiernan & Bergin Co.
Paterson Crushed Stone Co.
PLAINFIELD—Bartle Bros.
SCOTCH PLAINS—Fanwood Stone Crushing & Quarry Co.
SUMMIT—Commonwealth Quarry Co.

STONE CRUSHED—continued

NEW MEXICO.

EAST LAS VEGAS—Canyon Lime Co.

NEW YORK.

AKRON — General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)
BUFFALO—Buffalo Crushed Stone Co., Ellicott sq
Carroll Bros., Ellicott sq
Dolese Bros. Co.
German Rock Asphalt & Cement Co., D. S. Morgan bldg
CHAUMONT—Adams & Duford Co.
LANCASTER—Ott Bros.
LE ROY—General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)
NEWBURGH—Miller D. C.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons Quarry Co., 129 Richards
Hickey M. F. Co., 83 Ninth
Ryan N. Co., 491 Smith
Rockport Granite Co. (Granite, All Sizes)

Boroughs of Manhattan and Bronx.

NEW YORK—Algie Robert J., 2249 B'way
Altieri M. & Sons, 363 Concord av
Brady Jas. B. Co., 525 E 118th
Fleming Alfred J. (Wholesale), 109 Broad
Leopold J. & Co. (Granite), Woolworth bldg
Murray Jos. & Co., 263 av C
New York Trap Rock Co. (Hudson River), 101 Park av
Tomkins Calvin, 30 Church

(End of New York City)

SYRACUSE—Solvay Process Co. (For Roads & Concrete Work)
TICKAHOE—Conlin & Co.
UTICA—Conley Frank E. Stone Co. (Limestone & Blue Sandstone)

NORTH CAROLINA.

ASHEVILLE—Valentine & Co.
SALISBURY—Harris C. J. Granite Quarries Co. (Granite)

OHIO.

BUCYRUS—Broken Sword Stone Co. (Crushed for Concrete Purposes)
BURGOON—Murphy J. H.
CAREY—National Lime & Stone Co.
CINCINNATI—American Stone Ballast Co., Prov. Bank bldg
Kirchner Construction Co., 221 W 9th
CLEVELAND—Breakwater Co.
Dolomite Products Co. (Limestone), 1110 Euclid av
Kelley Island Lime & Transport Co., Leader News bldg
Spence Bros. (Limestone)
COLUMBUS—Buckeye Dredging Co., Kimball & Mitchell
Capital Lime Stone Co.
Casparis Stone Co., Clinton bldg
Columbus Macadam Co. (Limestone), 319 Dublin av
Marble Cliff Quarries Co.
FINDLAY—Hancock Stone Co.
Tarbox & McCall
FOSTORIA—Ohio & Western Lime Co.
GERMANTOWN—Wiggim Crushed Stone & Sand Co.
LEETONIA—McKeefrey & Co.
Shenango Limestone Co.
LOWELLVILLE—Carbon Limestone Co. (Concrete a Specialty)
MARION—Evans Jno. Stone & Lime Co.
NORTH BALTIMORE—France Stone Co.
OTTOVILLE—Lauer N.
PANDORA—Schumacher Stone Co.
PIQUA—Ohio Marble Co. (Limestone)
SANDUSKY—Wagner Quarries Co.
SPENCERVILLE—Spencer Stone Co.
SPRINGFIELD—Mills Bros.
Moores Lime Co. (Limestone)
SYLVANIA—*Sylvania Stone Co.
TOLEDO—Erie Stone Co.
France Slag Co., 2nd Nat'l Bank bldg
France Quarries Co., Second Nat. Bank bldg
France Stone Co.
Ohio & Indiana Stone Co., Second Nat. Bank bldg
Ohio & Michigan Sand & Gravel Co. (Granite)
Toledo Stone & Glass Sand Co.
Woodville Lime Products Co., 622 Madison av
VAN WERT—Big Four Crushed Stone Co.
Erie Stone Co.
YOUNGSTOWN—Bessemer Limestone Co. (Washed for Concrete, Macadam, etc.)
Concrete Stone & Sand Co. (Blue Sand Stone)

OKLAHOMA.

APACHE—Dolese Bros. Co.
ARBUCKLE—*Dolese Bros. Co. (See Chicago, Ill.)

OREGON.

PORTLAND—St. Helenas Quarry Co., Blake-McFall bldg

PENNSYLVANIA.

BELLEFONTE—American Lime & Stone Co. (Branch of Tyrone, Pa.)
Bellefonte Lime Co.
EASTON—Easton Lime Co.
General Crushed Stone Co.
GLEN MILLS—General Crushed Stone Co. (Trap) (Branch of Easton, Pa.)
GREEN LANE—Davis Trap Rock Quarry Co., Parkway bldg. (Branch of Easton, Pa.
Perkiomen Crushed Stone Co., Bulletin bldg
HARRISBURG—Whittock J. M.
LANCASTER—Lancaster Lime & Supply Co.
NORRISTOWN—Dyer Jno. T. Quarry Co.
PHILADELPHIA—Birdsboro Stone Co., Land Title bldg
Davis Trap Rock Works, Parkway bldg
Dyer Jno. T., Quarry Co., Harrison bldg
General Crushed Stone Co., North American bldg
Holmesburg Granite Co., Commercial Trust bldg
Knickerbocker Lime Co. (Limestone), 366 N 24th
Lambertville Stone Quarry Co., 1218 Filbert
Lukens & Yerkes, St. Girard bldg
Pennington Trap Rock Co., 1539 Filbert
Warner Chas. Co. (Limestone), Finance bldg
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes
Clydesdale Stone Co. (Hard Sandstone), Oliver bldg
Consolidated Stone & Mining Co. (Limestone), 307 5th av
REDINGTON—General Crushed Stone Co. (Dolomite) (Branch of Easton, Pa.)
TYRONE—American Lime & Stone Co. (Limestone)
WALTONVILLE—Brown-Stone Store Co. (For Concrete, etc)
WAYNESBORO—Decarbonated Lime & Stone Co.
WHITE HAVEN—General Crushed Stone Co. (Sandstone) (Branch of Easton, Pa.)
WILLIAMSPORT—Susquehanna Stone Co.
YORK—Baker J. E. Co.
Union Stone Co.

RHODE ISLAND.

EAST PROVIDENCE—McCormick Jos.

TENNESSEE.

CHATTANOOGA—Chickamauga Quarry & Construction Co. (Limestone)
Hooker Crushed Stone Co.
MEMPHIS—Christie Cut Stone Co.
Kastner Cut Stone Co.
NASHVILLE—Foster & Creighton Co.
NEWSOMS STATION—Ezzell Mill & Stone Co.

TEXAS.

EL PASO—El Paso Ice & Refrigerator Co.
HOUSTON—Texas Grading Co.

VERMONT.

HARDWICK — Woodbury Granite Co. (Granite Only)

VIRGINIA.

RICHMOND—Davis A. & Bros.

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.

WISCONSIN.

AMBERG—Pike River Granite Co.
LA CROSSE—La Crosse Stone Co,
MILWAUKEE—American Granite Co. (Granite, 15th & Cleveland av
Donahue J. & Sons, 318 Bradford av
Lake Shore Stone Co., 1406 1st Nat'l Bank bldg
OSHKOSH—Lutz Robert
RACINE—Universal Crushed Stone Co.
WAUPACA—Waupaca Sand & Gravel Co.

14338—Stone Crusher Parts & Repairs

See also Castings, Rock Crusher

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Steele & Condict, 74 Pearl, Jersey City, N. J.
Taylor Wharton Iron & Steel Co., High Bridge, N. J.

14339—Stone Crushing Plants (Complete)

Acme Road Machinery Co., Frankfort, N. Y.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
BUCHANAN C. G. CO. Inc., 90 West, New York
Buckbee J. C. Co., 38 S Dearborn, Chicago, Ill.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Good Roads Machinery Co. ("Champion" & "Climax"), Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadawy, New York
See adv index at end of book
Mashek Engineering Co., 90 West, New York
South St. Louis Foundry Co., 7514 S. B'way, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Universal Road Machinery Co. ("Reliance"), Kingston, N. Y.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

14340—Stone Crushing Plants (Portable)

Good Roads Mach'y Co., Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York.
See adv index at end of book

14341— Stone (Flattening)

Beaver Valley Pot Co. (For Window Glass Mfrs.), Rochester, Pa.
Souder F. M. ("Imp."), Millville, N. J.

14342— Stone (Fluxing)

Dolomite Products Co., 1110 Euclid av, Cleveland, O.
Hooker Crushed Stone Co., Chattanooga, Tenn.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Marble Cliff Quarries Co., Columbus, Ohio
Security Cement & Lime Co., Hagerstown, Md.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Utility Manfg. Co., 1816-24H Lancaster, Baltimore, Md.
Woodville Lime Products Co., 622 Madison av, Toledo, O.

14343—Stone Morgue & Dissecting Slabs

Euclid Stone & Brick Co., Cleveland, O.

14344—Stone Producers, Workers & Dealers

Firms who Operate Quarries are Marked by Either a § or *
See also Granite Producers, Workers & Dealers; also Marble Producers; also Lime Mfrs.; also Cement Mfrs.; also Roofing Slate Mfrs.; also Blast Furnaces

ALABAMA.

BIRMINGHAM—Gulf States Steel Co. (Limestone)
Macke Marble & Granite Works (Cut Stone).
Reed Bros.
HUNTSVILLE—Hummel J. F. & Sons (Cut Contractors)
ROCKWOOD—Foster & Creighton Co. (See Nashville, Tenn.)
SAGINAW—Saginaw Lime & Stone Co.

ARKANSAS.

BATESVILLE—*Pfeiffer Stone Co. (Batesville Oolitic)
PINE BLUFF—Sheppard E. A. (Cut Stone)

CALIFORNIA.

COLTON—*California Portland Cement Co. (Building Rock)
CORONA—§Temescal Rock Co.
GILROY—§Martin Bros. (Cut Contractors)
LOS ANGELES—Allison S. & Son, 1354 Palmetto
Bly Bros. & McGilliard Stone Co., 668 S Utah
*California - Portland Cement Co. (Building Rock)
Golden State Portland Cement Co., 112 W 9th
Lane Bros. (Cut Contractors), 302 W 9th
Portland Cement Co. (Building Rock), 129 W 2d
Raymond Stone Co.
OAKLAND—Veitch W. T. & Bro.
SAN DIEGO—§Simpson-Pirnie Granite Co.
SAN FRANCISCO—Colusa Sandstone Co., Potrero av & Division
Raymond Granite Co., 3 Potrero av, Dept. H
*San Francisco Quarries Co., Balboa bldg

COLORADO.

COLORADO SPRINGS—Newton Lumber & Mfg. Co.

DENVER—*Colorado Fuel & Iron Co. (Limestone & Dolomite Quarries)
Edwards E. A. & Co. (Cut Contractors), 13th & Delgany
Greenlee Stone & Bldg Co.
Threewit Benj. F.

CONNECTICUT.

ANSONIA—*Ansonia Trap Rock Co.
§Potter Wm. (Cut Contractors)
*Wooster Chas. B.
BRIDGEPORT—Jackson Stone Co. (Cut Contractors)
Wheeler & Howes (Blue)
BRISTOL—Arms H. G. (Foundation)
GUILFORD—*Beattie John (Est. of)
HARTFORD—Billings Sidewalk & Coal Co. (Blue, etc)
Freeburg A. S.
Kelly Bros. (Cut Contractors), 93 Charter Oak
*O'Connor-Walker Cut Stone Co. (Cut Contractors)
Putnam H. E.
LIME ROCK—*Barnum-Richardson Co. (Limestone, All Consumed by the Company)
MERIDEN—*Connecticut Quarries Co. (Crushed)
*Kearney Thos.
Lane Jno. S. & Son (Crushed Trap Rock)
*Lane Quarry Co. (Crushed, etc)
Lines H. Wales Co. (Blue & Brown Stone)
Luby Wm. J. (Blue, etc.)
MIDDLETOWN—Middletown Coal Co. (Flagging, etc)
NEW BRITAIN—Halloran Matthews W. (Building)
Meehan Jno. F. (Freestone)
Smith Thomas C. (Bluestone)
NEW HAVEN—Blakeslee C. W. & Sons (Building, Broken & Blue), 58 Waverly
*Connecticut Quarries Co. (Crushed Trap Rock)
Howards' Co. (Blue; Dealers Only), 250 Boulevard
Maxwell Jno. & Son, 112 Winchester av
Warner-Miller Co. (Blue Stone)
NEW LONDON—D'Avignon Francis P. (Blue & Brown)
Rogers Hervey E.
§Ryan John J. (Cut Contractor & Flagging)
NEW MILFORD—Hansen Christian
NORWALK—*Hall Irving
Meeker Coal Co. (Blue)
NORWICH—Dodd Thos. J.
Harrington P. J.
Peck McWilliams & Co. (Flagging)
Torrance Archibald
PORTLAND—§Brainerd, Shaler & Hall Quarry Co. (Brown)
Connecticut Steam Brownstone Co. (Brownstone Cutters & Contractors)
ROCKVILLE—Martin W. B.
*Rau Conrad B. (Flagging)
ROCKY HILL—*Conn. Quarries Co.
SHELTON—(See Derby)
SOUTH NORWALK—(See Norwalk)
STAFFORD SPRINGS—Kingsbury A. W. (Monumental Work & Curb Stone, Stone Cutter)
STAMFORD—Bounty A. E. Co. (Blue Flagging)
TORRINGTON—DeMichiel Jno. & Bros.
WATERBURY—§Chatfield & Chatfield (Blue, etc)
Gaffney J. W. & Son (Blue)
Jackson Thos. F. Co. (Cut Contractors)
WILLIMANTIC—*Larrabee C., Jr.
WINSTED—Carey J. F.

DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine
*Stewart & Donohue

DISTRICT OF COLUMBIA.

WASHINGTON — Columbia Granite & Dredging Corp. (Crushed, Building & Rip Rap), 3036 K, N W
Smith Philip, 1st, & B. S. W
Veihmeyer & Lapish, 31st & Canal N W

GEORGIA.

ATHENS—Bisson P. & Son (Building)
ATLANTA—Capital Stone Co. (Cut Contractors)
COLUMBUS—Elledge & Norman Marble Co.
LITHONIA—Brand John T. (Cut Stone, Curb, Flagging, etc.)
NELSON—Blue Ridge Marble Co. (Cut Contractors)
TOCCOA—*Schaefer Edw.

ILLINOIS.

ALTON—*Alton Builders' Supply Co.
*Armstrong J. Lime & Quarry Co. (Limestone)
*Reliance Quarry & Construction Co.
BATAVIA—§Barker W. P.
BLOOMINGTON — Higgins-Jung-Kleinau Co. (Cut Stone)
Moore J. K. (Cut Stone)
Walsh M. & Son
CHICAGO—Anderson Andrew G., 5838 Justine
Anderson Richard, 3112 Osgood
Andres Stone & Marble Co., 343 S Dearborn
Artesian Stone & Lime Works Co. (Limestone), Grand & Campbell avs
Baumann Jacob, 1326 Altgeld
Bolleau Paul, 722 S Kolmar
Brodix & Malone (Dealers), 112 W Adams
California Cut Stone Co., 2136 S Sawyer av
Central Oolitic Stone Co., 2126 S Kedzie av
*Chicago Union Lime Works Co. (Macadam & Crushed), 1900 W 19th
Cleveland Stone Co. (Ohio Blue & Buff), 140 S Dearborn
Dallman Chas. F. & Son, 5816 Laflin
Diener T. C. & Co. (Contractor, Cut), 1157 W 21st
Dolese Bros. Co. (Crushed), 10 S La Salle
*Dolese & Shepard Co. (Crushed, etc), 108 S La Salle
Douglas Cut Stone Co., 2131 S Troy
Edgeworth Jas. J. (Contractors' Cut), 2701 Stewart av
Edwards John H. (Cut Contractors), 5837 Justine
Egdorf John, 1227 Otto
Falter Geo. A. (Cut), 917 S Keeler av
Fluck Hugh W. (Cut Contractors), 7306 Kimpark av
Furst & Fanning (Cut Stone Contractors), 946 Kingsburg
Furst-Kerber Cut Stone Co., 2301 S La Salle
Galloy & Van Etten (Cut Contractors), 11756 S Halsted
Greene & Sons, 3403 Lowe av
Hagan James A., 1620 S Laramie av
Hampson Jas. A., 3529 S Leavitt
Henry Wm., 5837 Justine
Hepperle J. & Son, 4008 W Taylor
*Illinois Steel Co. (Limestone, all Consumed by the Company), 208 S. La Salle
*Illinois Stone Co. (Dimension & Rubble), 29 S La Salle
*Indiana Quarries Co. (Blue & Buff Oolitic, Ind., Limestone), 112 W Adams, Quarries & Mills: Bedford, Ind.
Ingalls Stone Co., 38 S Dearborn
Karge Frank (Cut Contractors), 5831 Bishop
McArthur Cut Stone Co., 4650 Iowa
McHugh Jno., 5816 Normal av
McKay-Storer Co., 5 N La Salle
McMillan W. & Son (Inc.), (Building & Cut Stone), Otis bldg
Mahan Co., 2132 S Kedzie av
Nelson & Hawkinson (Cut Stone), 6153 B'way
Ohio Sandstone Co., 140 S Dearborn
O'Laughlin A. C. Co., 133 W Wash'n
Olson & Nelson Cut Stone Co. (Cut Contractors), 3401 S La Salle
*Peoria Stone & Marble Works (of Peoria, Ill.), 140 S Dearborn
Sasgen Derrick Co. (Lewis Stone), 3101 W Grand av
Skoglund Emil G. (Cut Contractor), 4920 N Clark
Skoglund Eric, 5555 N Lincoln av
Stein-Ebertshaeuser & Co. (Cut Contractors), 1017 W Division
Steven & Son Co., 175 W Jackson blvd
Storer Richard V., 10 S La Salle
Struble Henry, Cut Stone Co., 209 S La Salle
Sward A. E. & Co. (Cut Contractors), 123 W 33d
Tesmer R. C., 5835 Winthrop
†United States Crushed Stone Co., 108 S La Salle
Universal Crushed Stone Co., 29 S La Salle
Ward Albert J. Co., Fullerton av Bridge
Watson Gavin F., E 72d & Blackstone av
West Side Cut Stone Co., 2422 W Walton
Western Stone Co. (Cut Contractors), 133 W Wash
Wilde & Schmidt (Cut Contractors), 21st W of Marshall blvd
Winkler Ignatz & Co., 2616 S Sacramento av
CICERO—Fanning Chas. G. & Co. (Cut Stone Contractors)
Shick Wm. & Son, 2917 S 48th av
DECATUR—Grindol W. H. & Sons
Pasold John L (Cut Contractor)
EAST ST. LOUIS—§East St. Louis Stone Co. (Cut Contractors)
Interstate Contracting & Supply Co.
*Queen City Quarry Co.
§Stolle Casper Quarry & Contracting Co. Cahokia bldg.
ELGIN — *Magnus Andrew (Crushed Stone)
Russell & Treiber (Cut Stone)
ELMHURST—*Elmhurst-Chicago Stone Co.
EVANSTON—North Shore Stone Co. (Cut)
FAIRMOUNT—*Casparis Stone Co.
FOREST PARK—Arch Henry C. (Cut Stone)
GALESBURG—Craig & Harris (Cut Contractors)
GRAFTON—§Grafton Quarry Co. (Sandstone)
JOLIET—Commercial Stone Co. (Limestone)
*Groth Adam & Co. (General & Cut Stone Contractors)
*Joliet Flux Co. (Crushed, etc)
*Joliet Quarries Co.
*Merchants Stone Co.
*Murphy D. & F.
§Western Stone Co.
KANKAKEE—*Lehigh Stone Co. (Crushed Stone, etc)
LEMONT—§Illinois Stone Co. (Dimension & Rubble)
§Western Stone Co. (Limestone)
LENA—Perkins H. F. (Cut Contractor)
LINCOLN—Lincoln Monument Co.
MADISON—*Kettle River Co. (Bldg, Curbing, Bridge, Paving, etc)
MOLINE—*Moline Stone Co. (Limestone)
OAK PARK—Chellberg Otto (Cut Stone)
Chicago & Oak Park Cut Stone Co. (Cut Stone)
Opit John & Co. (Cut Stone)
OTTAWA—Baldwin & Prisler Co. (Cut Stone)
PARIS—Safford's S. Sons (Cut Stone)
PEORIA—Enterprise Stone Co.
Triebel & Sons (Cut Stone)
Wasson T. J. (Crushed)
QUINCY—*Menke F. W. Stone & Lime Co. (Limestone)
*Roeder & Greeman (Crushed, etc)
ROCKFORD—*Carrico Stone Co.
*Hart & Page (Building, Bridge & Rubble)
Reid Fred (Cut Contractor)
Winchester Thos. (Cut)
ROCK ISLAND—McConochie Wm. & Sons
SPRINGFIELD—Baum M. J. (Cut Stone)
Fortado J. L. Co. (Cut Contractors)
Illinois Granite & Stone Works (Cut Contractors)
URBANA—Clark C. N. & Co.
WAUKEGAN—Bairstow Frederick (Dealer)

INDIANA.

BEDFORD—Bedford Cut Stone Co. (Cut Contractors)
§Bedford Steam Stone Works (Saw Hills, Columns, etc)
Bedford Stone & Construction Co.
*Consolidated Stone Co. (Quarries & Mills, Bedford, Park Hollow & Hunter Valley)
Imperial Stone Co.
*Indiana Bedford Stone Co.
†Indiana Limestone Co. (Blue & Buff, Oolite, Ind. Limestone)
Ingalls Stone Co.
*Norton C. S. Blue Stone Co.
*Reed Stone Co. (Cut Contractors)
Rowe John A. Cut Stone Co. (Cut Contractor)
Shea, Donnelly Giberson Co. (Cut, Contractors)
*Struble Henry Cut Stone Co. (Cut Contractors) (of Chicago)
BLOOMINGTON—*Bloomington - Bedford Stone Co.
Bloomington Crushed Stone Co.
§Central Oolitic Stone Co. (Cut Contractors, Bluff & Blue Limestone)
§Chicago & Bloomington Stone Co.
*Crescent Stone Co.
*Empire Stone Co. (Indiana Oolitic Limestone)
Hoadley Stone Co. (Cut Contractors)
Hunter Bros. Stone Co.
*McMillan W. & Son (of Chicago)
*Mathers Stone Co. (of Chicago)
*Matthews Bros. Co.
*Monroe County Oolitic Stone Co.
§National Stone Co. (Buff & Blue Limestone)
Nolan James H. Sons Co.
*South Side Stone Co.
*Star Stone Co. (of Chicago)
BLUFFTON—*Erie Stone Co. (See Toledo, Ohio)
CANNELTON—*Pauline F. S. & Co.
COLUMBUS—McCormack P. H. Co.
ELLETTSVILLE—*Matthews Bros. Co.
*Perry Stone Co.
Thompson A. J. Stone Co.
ELWOOD—Digel S. H. (Cutter, Flagging, etc)
EVANSVILLE—*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut)
Ohio Valley Stone Co.
Scholz F. J. & Son
FLOYDS KNOBS — American Rubbing Stone Co.
FORT WAYNE—Geake William (Cut Contractor)
Keller & Sons (Cut Contractors)
§Moellering's Wm. Sons
FRANKFORT—*Morris Wm. G. & Bro.
GREENCASTLE—*Ohio & Indiana Stone Co. (See Indianapolis)
GREENSBURG—§Greensburg Limestone Co.
HUNTINGTON—*Erie Stone Co. (See (Toledo, O.)
*Logansport Stone & Construction Co.
Ohio & Western Lime Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 1720 Pennsylvania av.
Ittenbach G. & Co. (Cut Contractors), 916 Harrison
*Spencer Stone Co. (Quarries, Spencer, Ind.)
INGALLS—*Big Four Crushed Stone Co. (Crushed, etc)
KOKOMO—*Chaffin Bros.
*Kokomo Stone Co.
*Leach J. M. Mfg. Co.
LAFAYETTE—*France Co.
LAPORTE—Franklin B. A. (Cut Contractor)
LAUREL—Secrest John P.
MARION—Benner F. M. & Co.
MARKLE—Markle Stone & Lime Co.

INDIANA—continued
MUNCIE—Busch, Russell & Gelts Co. (Cut Contractors)
Illingworth Fred (Cut Contractor)
NEW ALBANY—Vernia John & Son Marble Co. (Cut Contractors)
NEW POINT—§Big Four Stone Co.
OOLITIC—†Indiana Quarries Co. (Buff & Blue Oolitic, Ind. Limestone) (See Offices, Chicago, Ill.)
OSGOOD—*Ashman Geo.
*Cox G. W.
*Osgood Lime Stone Co.
ST. PAUL—*Greely Stone Co. (Crushed)
*St. Paul Stone Quarries Co.
SOUTH BEND—Schmidt Cut Stone Co. (Cut Contractors)
SPENCER—*Spencer Stone Co.
STINESVILLE—*Hoadley J. & Sons Co. (Sawed, Planed, Turned & Cut)
*Romona Oolitic Stone Co.
TERRE HAUTE—Walsh Edward W.
WESTPORT—Westport Stone Co.

IOWA.

BETTENDORF—Bettendorf Stone Co. (Crushed)
BURLINGTON—Burrus O. M. & Bro.
CEDAR RAPIDS—Edinger Ed. Co. (Cut Stone)
*Iowa Stone Co.
CLINTON—McDonnell D. P. J. (Cut Contracting Stone)
DAVENPORT—*Linwood Quarries Co.
DES MOINES—Capitol Hill Monument Co. (Cut Stone)
Des Moines Marble & Mantel Co. (Cut Stone)
*Earlham Land Co.
*Rowat Cut Stone Co.
DUBUQUE—Schulte G. G. (Cut Contractors)
Wagner Henry (Cut Contractors)
FORT MADISON—§Fort Madison & Appanosse Stone Co. (Crushed, etc)
KEOKUK—§McManus Quarries Co.
MASON CITY—Dayton-Oldham Granite Works
STONE CITY—*Dearborn H. & Sons
WATERLOO—*Bartlett & McFarlane
Moline C. H. (Cut Contractors)

KANSAS.

HUTCHINSON—Solvay Process Co.
KANSAS CITY—Rock Springs Ice & Stone Co.
PITTSBURGH—Hill Geo. W. & Sons (Cut Contractors)

KENTUCKY.

BOWLING GREEN—Oman Bowling Green White Stone Co.
CARTER—Foster B. D., Mrs.
COVINGTON—Farrell James F. (Cut Contractor)
*Schlosser Frank, Highland Pike
DAYTON—Walter Anton Supply Co.
FARMERS—*Rowan County Freestone Co. ("Kentucky Blue" Cut, Sawed & Rough Building Stone; Flagging)
FREESTONE—*Kentucky Bluestone Co. (Rough & Sawed Building Stone, Curbing & Flagging)
HADLEY—*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut). (Office, Evansville, Ind.)
HENDERSON—§Fleming J. H. & Son (Cut Contractors)
HOPKINSVILLE—*Dalton Bros. Brick Co. (Crushed Stone & Railroad Ballast)
IRVINGTON—Webster Stone Co.
LAWRENCEBURG—Ky. River Stone & Sand Co.
LOUISVILLE—Diebold John & Sons Stone Co. (Steam Stone Works & Contractors), 1417 16th
Peter & Burghard Stone Co. (Cut Contractors)
Peter & Melcher Steam Stone Works
MOUNT VERNON—*Sparks W. J. Co. (Limestone)
NEWPORT—*Ohio River Stone Co. (Crushed, etc)
Spinks Harry C. (Dealer)
OLIVE HILL—Highland Stone Co.
OWENSBORO—Mischel Geo. & Sons (Cut Contractors)
PADUCAH—Williamson J. E. & Co. (Cut Stone)

MAINE.

PORTLAND—Mannix Bros. (Freestone)

MARYLAND.

BALTIMORE—Andrew David M. Co. (Cut Contractors), Mt. Vernon
Clough & Molloy (Cut Contractors), Hartford rd & B & O
Gault Wm. A. & Son (Cut Contractors), 9 E Lexington
Guilford & Waltersville Granite Co. (Flint Feldspar, Rough or Ground, Granite Paving Blocks, Crushed Stone, Building & Dimension Granite), Law bldg
Knight Maurice L. (Cut Contractor), 1025 W Mulberry
Mann Geo. (Cut Contractors), Columbia av & B & O R R
Rullman & Wilson (Cut Contractors), Lafayette E Mt Royal
§Standard Lime & Stone Co. (Lime), Equitable bldg
DICKERSON—§Standard Lime & Stone Co.
HAGERSTOWN—Security Cement & Lime Co. (Limestone)
SECURITY—Security Cement & Lime Co. (Limestone)

MASSACHUSETTS.

BOSTON—Beatty Construction Co., 66 Warren
Carew Jos. F. (Cut Contractor), Gerard & Mass av
Hallington John, Estate of (Blue Stone), 166 Devonshire
Maher Bros. (Blue Flagging, North River Stone), 200 S Hampton
Meany Edw. F. & Co. (Cut Contractors, Freestone & Limestone), 534 Albany
Murray Henry Co., 21 Arlington
§Norcross Bros. Co., 73 Tremont
Rowe Contracting Co., Brighton
Smith H. P. & Co., 23 Haverhill
Sullivan Wm. J. Co. (Freestone) (Cut Contractor), 99 Southampton
Troy Bros. & Co. (Soapstone), 975 Mass av, Rox.
West Roxbury Trap Rock Co. (Crushed & Bldg.), W R
Winchester Stone Co., 535 Albany
BROCKTON—Long M. D.
Messer Bros.
CAMBRIDGE—Harrington Jno. (Est. of) (Bluestone)
Ricker E. & Son Co. (Cut Stone)
Sands Geo. R. (Cut Stone)
EAST LONG MEADOW — §Norcross Brownstone Co. (East Longmeadow Brownstone), (Office, Worcester)
*Rankin J. H. (Cut Contractor)
HOLYOKE—Archambault Albert
McCormick D. & Son (Cut Contractors)
LAWRENCE—Dorman Jas.
Lawrence Granite Co. (Cut Stone & Granite)
LENOX—*Clifford's James Sons (Freestone)
LOWELL—*Gumb Bros. (Cut Stone)
LYNN—Merrill Geo. B. & Co. (Cut Contractors)
§Shea & Donnelly Giberson Co., (Cut Contractors)
NORTH ADAMS—*Whitney Chas. E.
PEABODY—Joy Leander F. (Cut Contractor)
SALEM—Curtis Chas. E. & Son (Cut Stone)
O'Rourke Bros. (Cut Stone),
SOMERVILLE—McCarthy Wm. J. Co.
SPRINGFIELD—Casey & Broderick, 523 State
Cook Wm. F. Supply Co., 184 State
§Falt J. P. Co. (Red Sandstone, Cut Contractors), 33 Lynn
McGregory & Casman, 531 Main
§Marra Owen (Brown Sandstone Cut Contractors), 293 Bridge
§Stone A. D. & Co. (Light Brown Sandstone)
STONEHAM—Bennett Perry & Sons
TAUNTON—Sullivan John B. & Son (Cut Stone)
WALTHAM—*Waltham Trap Rock Co.
WEBSTER—Love J. P. (Cut Contractors)
WESTFIELD—*Westfield Marble & Sandstone Co.
WORCESTER—*Webb Granite & Construction Co. (Cut Contractors)

MICHIGAN.

ALPENA—*Collins Phelps
BATTLE CREEK—McNaughton Angus J. (Cut Stone)
BAY CITY—Bate A. & Son (Cut Contractors)
§Bay City Stone Co. (Cut Contractors)
Wright G. A. (Cut Stone)
BAY PORT—*Wallace Stone Co.
DETROIT—Batchelder-Wasmund Co. (Cut Stone), 716 W Jefferson
Beebe Henry A. (Cut Stone), 1116 Wabash
Calvert's J. Sons (Building), McGraw bldg
Christa Marble Co., 1625 St. Aubin
Dumbar & Sullivan Dredging Co., Dime Bank bldg
Gearing Bros. Co. (Ltd.), (Stoneyard), Penobscot bldg
Little Chas. H. Co. (Crushed & Building), Dock River Rouge
Meier Hubert A. (Cut Stone), 525 Bellevue
Ortman F. C. (Cut Stone), 1099 Wabash
Piggins Wm. S. Sons (Cut Stone & Steam Stone Works)
Rankin Wm. (Cut Stone), 286 Commonwealth
Robertson R. & Co. (Cut Stone), Amsterdam & 3d
Sibley F. M. Lumber Co., Kercheval & Beaufait
*Solvay Process Co. (Limestone) (Works, Sibley, Mich.), Debray
Stefani Angelo (Curb Stone, etc.)
DOWAGIAC—Rutherford I. (Cut Contractor)
FLINT—Barney M. C. & Son (Cut Stone)
GRAND RAPIDS—Hirth F. H.
Schmidt Matthew (Cut Contractors)
GRINDSTONE CITY—§Cleveland Stone Co.
HOUGHTON—*Portage Entry Redstone Co. (Ltd.)
KALAMAZOO—Winslow Edw. L. (Cut Contractors)
LOWELL—Hamilton Joseph H. (Est. of)
MANISTEE—Forth W. J. (Cut Stone)
MENOMINEE—Nowack F. C.
MUSKEGON—Bauer & Beamer
PORT HURON—Truesdell Marble & Granite Co.
SAGINAW—Mohr John F. (Cut Contractors)

MINNESOTA.

DULUTH—Duluth Crushed Stone Co. (Cut Stone)
*Duluth Crushed Stone Co. (Crushed, etc)
KASOTA—*Babcock & Willcox (Rough, Sawed, Planed & Cut)
*Kasota Marble & Tile Co.
MANKATO—Coughlan T. R. Co.
Ekle A. R.
*Fowler & Pay
Meyer A. G. & Sons
*Nelson J. B. Construction Co.
*Widell Co.
MANTORVILLE—*Mantorville Stone Co. (Bridge & Heavy Dimension)
MINNEAPOLIS—Anderson G. A. & Co. (Cut Stone), 16th av S E & Elm
*Blue Limestone Co., B'way & K N W
Hastings Cut Stone Co. (Cut Contractors), Main c 7th av S E
Jones & Hartley (Cut Contractors), 329 S 17th av
*Kettle River Co. (Building, Curbing, Bridge, Paving, etc.), Plymouth bldg
*Minnesota Crushed Stone Co., 1500 Johnson N E
RED WING—*Lillybad, Gust. (Limestone)
ST. CLOUD—(See Granite Producers, Workers & Dealers)
ST. PAUL—Lauer Bros. (Contractors), ft. of Chestnut
Peterson P. N. Granite Co., Park av & Wabasha
Portland Stone Co., Metropolitan Life bldg
*St. Paul Crushed Stone Co. (Crushed) Stewart & Victoria
St. Paul Stone Co., 868 W Minnehaha
*Ulmer Wm. H. Co. (Cut Contractor), ft of Chestnut
Young C. H. Co. (Cut Contractors), 653 Rice
Young Jas. A. & Sons (Cut Contractors), Dakota bldg
SANDSTONE—*Kettle River Co. (Building, Bridge Paving, etc)
WINONA—*Biesanz Stone Co. (Cut & Rough)

MISSOURI.

BETHANY—Kenyon & Stanley (Cut Stone)
BOONVILLE—Merrifield J. E. (Cut Contractors)
BUTLER—*Day T. J.
CARTHAGE—*Carthage Marble & White Lime Co. (Limestone & Saw Mill)
*Carthage Quarry Co. (Limestone & Saw Mill)
*Carthage Stone Co. (Limestone & Saw Mill)
*Carthage Superior Marble & Limestone Co. (Cut Contractors)
*Kellogg Marble Co.
*Spring River Stone Co.
COLUMBIA—Farley Ed. & Son (Cut Stone)
ELSBERRY—*Crystal Carbonate Lime Co.
HANNIBAL—*Hannibal Lime Co. (White Limestone)
*Star Lime Co. (Limestone)
JEFFERSON CITY—Vetter Frank J. (Cut Stone)
KANSAS CITY—Bremer Cut Stone Co. (Cut Contractors), 3100 Roanoke rd
Carthage Stone Yard, N W cor 16th & Askew av
Forrester Bros. Stone Co. (Cut Contractors), 35th & Roanoke blvd
King Alex Stone Co. of Kansas
Lyle Rock Co.
Phenix Marble Co. (Cut Contractors), 19th & Olive
Sutermeister Arnold Stone Co. (Cut Contractor) 2018 Roost av
LOUISIANA—*Crystal Carbonate Lime Co.
ST. JOSEPH—Abercrombie Stone Co. (Cut Stone)
Maier Sebastian (Cut Stone)
*Pfeiffer Stone Co. (Cut Contractors)
*St. Joseph Rock Crusher Co. (Crushed Stone)
*Young Bros. Construction Co. (Crushed Stone)
ST. LOUIS—*Algonite Stone Mfg. Co., 4606 Chippewa
*Bambrick Bros. Const. Co., 5229 St. Louis av
*Brockschmitt Quarry & Construction Co., 6509 Manchester av
*Carthage Marble & White Lime Co., Chouteau & Vendeventer avs
Eyermann G. & Bros., 1216 S Grand av
*Fruin-Bambrick Const. Co., 800 S Spring av
*Grafton Quarry Co. (Sandstone), Wright bldg
*Hanick Quarry & Const Co., Euclid & Ashland av

*Heman Construction Co., Title Guarantee Trust bldg
*Mo. Valley Const. Co., 3d Nat. Bank bldg. Quarries: Alton, Ill.
*Perkinson Bros. Const. Co., 3237 Caster av
Pickel Marble & Granite Co. (Cut Contractors). 1901 N B'way
Pickel Stone Co. (Cut Stone), 1320 S Vandeventer av
Reitz Bros. Stone Co. (Cut Stone), 3007 Arsenal
*Ruecking Cons. Co., Marine av & Gasconade
St. Louis Cut Stone Co. (Cut Contractors), 3535 Gratiot
*Sinclair Quarry & Cons. Co., Syndicate Trust bldg
*Skrainka Construction Co. (Limestone), Security bldg
Thym Cut Stone Co. (Cut Stone), Brannon av & Odell
*Tower Grove Quarry & Const. Co., 5927 Fyler av
*Union Quarry & Const. Co., 4687 Nat'l Bdge rd
WARRENSBURG—*Pickel Benjamin

NEBRASKA.

BLUE SPRINGS — *Davis Geo. H. (Crushed, etc)
GRAND ISLAND—Paine-Fishburn Granite Co. (Cut Stone)
Scheffel & Son (Cut Stone)
LINCOLN—Forburger Stone Co. (Cut Contractors)
Speidell C. E. & Son (Cut Stone)
OMAHA—Bloom J. F. & Co. (Cut Stone)
*Murphy Hugh Construction Co. (Red Sand), Bee bldg
Nebraska Stone Co. (Cut Contractors)
Schall A. & Co. (Cut Contractors)

NEW HAMPSHIRE.

CLAREMONT—Messer Richard (Cut Contractor)
CONCORD — (See Granite Producers, Workers & Dealers)
MANCHESTER—(See Granite Producers, Workers & Dealers)
MARLBOROUGH—*Webb Granite & Construction Co. (Cut Contractors)
MILFORD—(See Granite Producers, Workers & Dealers)
WEST CONCORD—(See Concord Granite Producers, Workers & Dealers)

NEW JERSEY.

ASBURY PARK—Rothfritz R. E. K. (Blue)
ATLANTIC CITY—Balestrieri R. & Co. (Cut Contractor)
New Jersey Stone & Tile Co. (Cut Contractors)
BAYONNE—Brady's Jas. Sons Co.
BELLEVILLE—Tuorto Cut Stone Co. (Cut Contractors)
BRIDGETON—Platt Clarence B. (Cut Stone)
Shaw Wm. R. (Cut Stone)
CHANGEWATER—*Castner J. P.
EAST ORANGE—Mayer Bez Stone Co.
ELIZABETH—Clark A. L. Stone Co. (Blue)
McGhee's Geo. Sons
ENGLEWOOD—Prentice Co. (Blue Stone, Crushed, etc)
Thompson Jos. & Son (Cut Contractors)
HACKENSACK—Long F. R., N. G. Broadhurst Co.
HARRISON—Durie & Davison (Cut Stone)
Spurr J. J. & Sons (Cut Contractors)
HASKELL—*Haskell Quarry Co.
HOBOKEN—Barr, Thaw & Fraser Co (Cut Contractors)
Hoboken Bluestone Co. (Blue)
IRVINGTON—Backus Albert & Co. (Cut Stone)
JERSEY CITY—*Delaware River Quarry & Construction Co. (Crushed, Ballast, etc), 390 George
Muirhead Robt. (Blue), 76 Montgomery
Standard Blue Stone Co., 76 Montgomery
LAMBERTVILLE — *Delaware River Quarry & Construction Co. (See Jersey City)
LITTLE FALLS—*Ferguson's Wm. A. Sons (Crushed, etc)
MONTCLAIR—Wood Thomas (Blue, etc)
MORRISTOWN—Ennis C. W. & Co. (Blue, etc)
*Morris County Crushed Stone Co.
*New Jersey Trap Rock Co.
*North Jersey Quarry Co.
*Paterson Crushed Stone Co.
NEWARK—Boyle Thos. (Contractor), 174 Riverside av
Brown Geo. & Co. (Cut Stone Contractors), 370 Belleville av
Gerber A. F. Stone Co. (Blue), 153 Ridgwood av
Hoerner H. J. & Sons (Cut Stone Contractors), Lister av
Monahan Stone Co. (Dealers), Plum Point la
Newark Blue Stone Co. (Blue), 120 Passaic
Reilly J. E. Stone Co. 10 Riverside av
Rome Stone Cutting Co. (Cut Stone Contractors), 17 Grafton av
Schreitmueller Stone Co., 174 Wavly pl
Snyder Frank W. Contracting Co. (Flagging), 372 Grove
Woodward A. H. Co. (Blue & Cut), 128 Passaic
Young R. & Sons (Cut Stone Contractors), 25 Grafton av
NEW BRUNSWICK—*Edge Hill Silica Rock Co.
NEWTON—Hopkins S. H.
ORANGE—§Spottiswoode-Cusack Co.
PASSAIC—Diamond Stone Co.
PATERSON—McKiernan & Bergin Co., (Crushed, Paving & Building), 1st Nat'l Bank bldg
*Paterson Crushed Stone Co.
PERTH AMBOY—Satter H. & Son (Blue Stone, Cut Stone, Flagging), 219 Gordon
Williams David J. (Stoneyard)
PHILLIPSBURG—Martin Adam (Bluestone)
PLAINFIELD—Bartle Bros. (Building)
Lannon John (Blue)
Manning L. L. & Son
Smalley Stone Co. (Crushed)
Watchung Stone Co. (Stoneyard)
RAVENROCK—*Ledger Jno.
ROCKY HILL—*Delaware River Quarry & Const. Co. (Crushed & Paving Blocks)
SCOTCH PLAINS — *Fanwood Stone Crushing & Quarry Co. (Crushed Stone)
SOMERVILLE—Sargeant Bros. (Flagging)
STOCKTON—*Twining S. B. & Co.
TRENTON—Hutchinson Samuel R.
McDonald Alex. Co.
*Richardson Jos. B. & Sons (Dealers)
Richardson P. B.
Swayze H. M., 26 S Stockton
WEST NEW YORK—Effert & Gerisch (Blue Stone)
WOODBURY—Snelbaker W. B.

NEW YORK.

AKRON—*General Crushed Stone Co. (Crushed)
ALBANY—Ross Adam Cut Stone Co (Cut Contractor), 1003 B'way
ALBION—*Albion Medina Stone Co.
*Orleans County Quarry Co.
*Reed Allen & Reed
*Ryan M. A.
AMSTERDAM—Hennessey Wm. E.
AUBURN—*Goodrich C. E.
BIGELOW—*Williams Chas. & Co. (Limestone & Flux)
BINGHAMTON—Ingalls Stone Co. (Cut Contractors, Steam Cut Stone Works)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—*Appenheimer Jno. L., 75 Appenheimer av
*Barber Asphalt Paving Co. (Crushed, Building & Dimension), E Delavan av & Belt Line
*Buffalo Cement Co. (Ltd.) (Cut, Crushed, etc), 110 Franklin
*Buffalo Crushed Stone Co. (Crushed, etc), Ellicott sq
Carroll Bros. (Limestone), Ellicott sq
*Empire Limestone Co., 19 Hudson
Frontier Stone Co., 1003 Fillmore av
*Gehres Anna, 1968 Fillmore av
*Kehr A. P. Co. (Cut Stone, etc)
*McDonnell & Sons (Cut Stone), 358 Main
Maltby Geo. W. & Sons Co. (Cut Stone), 21 Maryland
Reeb M. A. Corp., 599 Michigan av
*Rupp John J., 2135 Fillmore av
Star Cut Stone Co., Persons & W Shore R. R.
CATSKILL—*Holdridge Geo. W. & Co.
CHAUMONT—*Adams & Duford Co. (Crushed & Limestone)
DUNKIRK—Lake City Stone Co.
ELMIRA—Yenger B. (Cut Contractor)
GLOVERSVILLE—Hunter & Son (Cut Stone)
GOUVERNEUR—(See Marble Producers)
HALE EDDY—*Travis Stone Co. (Blue Stone)
HANCOCK—*Cotter E. J.
*Kirkpatrick Bros.
*Randall W. I.
HANKINS—*Manny Anthony & Co. (Blue)
HOLLEY—*Orleans Sand Stone Co. (Office, Syracuse)
HUDSON—Hoctor P. & Son (Cut Stone)
HULBERTON—*Ford A. H.
*Squires A. J.
ITHACA—Storms J. B. (Cut Stone)
JAMESTOWN—*Jamestown Shale Paving Brick Co.
KINGSTON—Hudson River Blue Stone Co. (Blue)
LE ROY—*General Crushed Stone Co. (Office, Easton, Pa.)
*Helmlich John
LOCKPORT—Bendinger Louis
Stainthorpe C. N. & Co. (Building)
*Whitmore C. B. Co. (Sandstone)
LONG EDDY—*Kenney Bros. (Bluestone)
*Peak Cyrus (Bluestone)
LONG ISLAND CITY—(See New York City, Borough of Queens)
MIDDLETOWN—Wagar David P. (Blue)
MOUNT KISCO—Gorham D. F.
NARROWSBURG—*Partridge Jere (Bluestone)
NEW BALTIMORE—*McCabe Edward
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Crawford Wm. (Est. of) (Blue & Free Stone)
Dwyer M. J. (Blue & Flagging)
Harrison & Curtis (Dimension)
§Miller D. C. (Crushed & Building)
NEW PALTZ—*Hasbrouck J. J. & Co. (Buhr Stones)
NEW ROCHELLE—Mahlstedt J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co. (Flagging, etc)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Baird A. D. & Sons (Cut Contractors), 667 Wythe av
Bannon P. & Sons (Crushed), 129 Richards
Burns John & Son (Blue), 156 7th
Cohn Cut Stone Co. (Cut Contractors), 38th & 14th av
Curran Bros. & Murphy (Cut Contractors), 305 Douglas
Evergreen Stone Works (Breitenbach & Ruppenstein Props.)
Gould & Taylor Cut Stone Co. (Cut Contractors), 312 3d av
Harnden Jas. H. Co. (Blue), 991 Grand
Heinlein John Cut Stone Co. (Cut Contractor), 555 President
Hickey M. F. Co. (Crushed), 83 9th
Kenny Wm. F. & Co. (Blue), 347 Columbia
McLaren & Sons (Cut Contrctors,) Court & Bay
Parker Thos. Co. (Cut Contractor), 1259 Flushing av
Pilzer Elias M. (Cut Contractor), Watkins
Rankin & Ross Co. (Cut Contractors), 372 Carroll
Ross Wm. S. (Cut Contractor), 254 Douglass
Ryan N. Co. (Blue), 491 Smith
Steinberg Steam Cut Stone Co. (Cut Contractors), 596 Rockaway av
Trudden M. (Blue), 109 Van Sindren av

Boroughs of Manhattan and Bronx.

NEW YORK—Annett Bros. (Stone Yard), 6 W 141st
Bellows Chas. H. Cut Stone Co., 233 B'way
Brady Jas. B. Co. (Crushed), 525 E 118th
Bronx Cut Stone Co., 4177 3d av
Brown Geo. & Co. (Cut), 286 5th av
Cardo Bros. & Co. (Stone Yard), 3167 E Tremont av
*Clinton Point Stone Co. (Crushed Stone, etc), 17 Battery pl
Cohen Michael & Co. (Freestone, etc), 8 W 40th
Conlon Jas. W. (Blue Stone), Av A & 68th
Dix Chas. H. (Freestone), 52 B'way
Doyle Geo. & Co. (Indiana Limestone), 103 Park av
Erie Blue Stone Association, 341 5th av
Finney C. H. & Sons (Stone Contractors). 139 W 53d
Gillings Peter Co. (Blue Stone), 737 E 219th
Hanlein Henry & Son (Cut Contractors), 417 E 103d
Hutchinson John & Sons (Cut Contractors), 2383 1st av
†Indiana Quarries Co. (Blue & Buff, Oolitic, Ind. Limestone), 280 Madison av. Quarries & Mills: Bedford, Ind.
La Spina Peter Co. (Cut Stone), 2 Canal pl
Lenahan J. B. (Cut Contractors), 293 Rider av
Leopold J. & Co. (Crushed Stone, Granite, etc), 233 B'way
Lockwood David T. (Blue Stone), 280 B'way
Lodge Martin P. (Blue, Contractor), 532 W 44th
McCarthy Jas. (Stone Yard), 439 W 47th
Marine Arlando (Wholesale Dealers in Blue Stone), 5 E 42d
Maxwell's Jno. Sons (Blue Stone, Wholesale), 51 Chambers
Miller David (Stone Works), 315 E 103d
Moran D. W. (Blue Stone), 270 Burnside av
Murray Jos. & Co. (Crushed), 263 Ave C
Nevins Edw. J. (Blue Stone), 638 W 51st
New York Cut Stone Co. (Cut Contractors), Walnut av & 133d
Norcross Bros. Co. (Quarrymen & General Contractors in Granite, Marble & Stone; Large Structures a Specialty), 103 Park av
Pagano Jerome (Blue Stone), 2642 Park av
Penney & Bunt (Stone Yard), 132d & Willow av
*Rockland Lake Trap Rock Co., 17 Battery pl
Seus Rudolf (Cut Contractor), 406 E 109th
Smith Jno. R. (Cut Contractor), 421 E 103d
Symmers Jno. H. (Crushed & Cut), S Blvd & 141st
Tompkins Kiel Marble Co., 505 5th av
Williams B. A. & G. N. (Cut Contractors), Walnut av & 133d
Young Jas. H. Stone Co. (Cut Contractors), Walnut av & 135th

NEW YORK CITY—continued

Borough of Queens.

EVERGREEN—Evergreen Steam Stone Works (Breitenbach & Ruppenstein, Props.)
FAR ROCKAWAY—Mills Elmer D. (Cut Contractor)
LONG ISLAND CITY—Bradley Wm. & Son (Cut Contractors), Vernon av
Brown Geo. & Co. (Cut Stone), Blvd
Call Geo. & Co. (Cut Contractors)
Gillies Jas. & Sons (Cut Contractors), 177 13th
McWhirter W. H. Co. (Cut Contractors, 82 Woolsey
Morrison David G. (Cut Contractor), 373 Vernon av
Shuttleworth Edwin Co. (Cut Contractors), Vernon av
Williams R. A. & G. N. (Cut Contractors), Mill & Orchard, Astoria

Borough of Richmond.

(End of New York City)

NORWICH—*Clarke-Conroy Co. (N. R. Blue)
OLEAN—Foley Bros. Co. (Cut Stone)
ONEONTA—Dauley & Wright (Cut Stone)
PEEKSKILL—*Peekskill Stone Co.
PHOENICIA—*McGrath Jno. L. (Blue Stone)
PORTAGEVILLE—*Portageville Bluestone Co.
PORT JERVIS—Bennet Jno. E. (Cut Stone)
Nearpass E. E.
POTSDAM—†Potsdam Red Sandstone Co. (Sandstone)
POUGHKEEPSIE—Joy Walter A.
Seamon Thomas H. (Blue Stone)
ROCHESTER—Carson Wm. & C. H. (Cut Contractors)
Oliver Horace T. (Cut Contractor), 328 South av
*Whitmore, Rauber & Vicinus (Cut Contractors)
ROME—Prossner S. & Sons
RONDOUT—(See Kingston)
ROSCOE—*Reynolds W. J. (Blue Stone)
SAUGERTIES—*Maxwell's Jno. Sons (Blue) (Office, Phila., Pa.)
SCHENECTADY—Crane-Vreeder Co.
Kellam & Shaffer Co. (Cut Contractors)
SCHOHARIE—*Mix Stone Co. (Blue & Grey Limestone)
SYRACUSE—Arnold Conrad, 1207 Orange
*Orleans Sand Stone Co.
Solvay Process Co. (Limestone)
Thomas Chas., 1103 S State
TARRYTOWN—Dinkel & Jewell Co. (Blue & Building)
TOMKINS COVE—*Tomkins Cove Stone Co. (Crushed, etc.)
TROY—Grant Chas. M. (Freestone)
Young Wm. H., Jr. (Cut Stone)
Young's Sons & Co. (Cut Stone)
UTICA—*Conley Frank E. Stone Co. (Blue & Crushed)
Fuller's Electric Stone Works
McNierney Bros. (Flagging & Cut Contractors)
VOORHEESVILLE — *Cummings Bros. (Blue)
WALTON — *Connor Martha L. (Blue Stone)
Shaw Herbert (Blue Stone)
WARSAW—*American Blue Stone Co. ("Genesee Valley")
WATERLOO—*Thomas G. C. & Bros.
YONKERS—Corkery Jno. J. (Blue)
Kellock Jas. A. Cut Stone Co.

NORTH CAROLINA.

CHARLOTTE—Ward W. W. & Son (Dealers)
MOUNT AIRY—(See Granite Producers)
WINSTON-SALEM—*Bennett Bros.

OHIO.

ADA—Tressel Jas. G.
ALLENTOWN—(P. O. Address Elida, O.) Long, T. C.
AMHERST—*Amherst Cut Stone Co.
Blum & Dilbridge (Cut Stone Contractors)
Ohio Quarries Co. (Buff & Blue Ohio Sandstone, Sawed Stone a Specialty)
ASHTABULA—Smith Wm. & Son Co., (Stone, Cut)
BEACH CITY—*Winfield Bros. & Co.
BELLEFONTAINE—Paterson Monumental Works (Cut Stone)
BELLEVUE—*Higgins Stone Co.
Patterson Monumental Works
BEREA—*Middleburg Stone Co. Office, Elyria, O.
BERLIN HEIGHTS—*Baillie Stone Co.
BLOOMVILLE—*France Co.
BLUFFTON—Bluffton Stone Co. (Office, Lima, O.)
BUCYRUS—*Broken Sword Stone Co.
CAMBRIDGE—Pyles Thos. (Flagging)
CANTON—Bauhaf Bros. (Cut Stone)
Lang E. D. (Cut Stone)
CAREY—*National Lime & Stone Co. (Limestone)
CARROLLTON—*Marshall Jesse
CINCINNATI—*Bauer Jno. G., 1 Quebec rd, nr Price Hill
Buckeye Marble Co. (Cut Contractors), 12 E. 3d
Buente Louis C. (Stone Yard), 3656 Spring Grove av, Cum.
Cincinnati Crushed Stone & Gravel Co., Union Central bldg
Giese Frank, Viaduct & Big 4
Hall Thos. J., 450 E Pearl
Hummel David Building Co. (Cut Contractors), 2629 Spring Grove av
Kentucky Freestone Co., 2629 Spring Grove av
*Kentucky-Rockcastle Stone Co., Merchants' bldg
*Kirchner Construction Co., 221 W 9th
Lang C. & Son, Vine & Ehrman av, Avon
Mersch Frank & Sons, 1037 Wade
Miami Stone & Gravel Co., Union Cent. bldg
Moores-Coney Co. (Limestone), St. Paul bldg
Nagele Anton, 2168 Western av
Pielage Henry & Co. (Freestone & Limestone), 1032 Flint
Raff Allan Ross & Co., Greenwood bldg.
Spinks T. W. Co., 22 W 8th
*Spitzmiller Jos., 2192 Shadwell
*Spitzmiller L., 2197 Clara
World's Fair Wrecking Co. (Freestone, etc), 1559 Gest
CLEVELAND—*Amherst Stone Quarries Co.
Baillie Stone Co., The Arcade
Blum & Delbridge (Cut Contractors), Bittern av & E 73d
Brook John (Cut Contractors), 2169 E 28th
*Burgess C. H., Euclid Quarries
*Caine Stone Co. (Sandstone), Warner rd & C & P Ry
Carabelli Jos. Monumental Works (Cut Stone), 12317 Euclid av
*Cleveland Stone Co. (Sandstone, Blue, Buff, etc), 1836 Euclid av
*Columbia Stone Co. (Sandstone), Soc. for Sav. bldg
Dolomite Products Co. (Limestone) 1110 Euclid av
*Euclid Stone & Brick Co., ("Euclid" Steps, Sills, Block, Flagging, etc)
*Grafton Stone Co., Hickox bldg
*Kelley Island Lime & Transport Co. (Limestone), Leader News bldg
*Malone Stone Co. (Sandstone, Blue, Buff, etc), Union bldg
*Maxwell-Rolf Stone Co., Williamson bldg
Ohio Quarries Co. (Ohio Sandstone, Sawed Stone & Specialty), Citizens' bldg. Quarries & Mills: Amherst, O.
*Rackle Geo. & Sons Co., A B C Line
*Spence Bros. (Crushed Limestone & Trap Rock)
Wenner F. L., 1335 W 116th
CLOVERDALE—Blosser John S.
COLUMBUS—*Capital Lime Stone Co.
*Casparis Stone Co. (Cut & Crushed), Clinton bldg
*Columbus Macadam Co., 319 Dublin av
*Fish Stone Co. (Cut Contractors), Main West of Canal
Kientz John (Cut Stone), 464 W State
Lang E. & C. (Cut Contractors)
Mueller H. W. (Dealer)
CONSTITUTION—Constitution Stone Co. (Sandstone & Grindstones)
CONVOY—*Carey J. B.
COVINGTON—*Jackson Stone Co.
Ruhl J. W.
DELAWARE—*Scioto Lime & Stone Co.
EIFORT—*Morgan & Horton (Limestone)
ELYRIA—*Middleburg Stone Co.
FINDLAY—*Hancock Stone Co. (Crushed, etc)
Smith A. M. (Cut Stone)
*Tarbox & McCall (Limestone, Crushed, etc)
FORT JENNINGS—*Fort Jennings Stone Co.
FREMONT—*Gottron Bros. Co. (Limestone)
*Swint Bros. Stone Co.
FULTON—*Fulton Stone Co.
GREENFIELD—*Rucker Quarries (Limestone)
HAMILTON—Stewart F. P. Granite Co. (Cut Contractors)
INDEPENDENCE—*Faudel Henry J.
IRONTON—Wileman & Heibling
KELLEYS ISLAND—Kelley Island Lime & Transport Co.
KENTON—Kenton Marble & Granite Co. (Cut Stone)
LAFAYETTE—*Watt Bros.
LEETONIA — *Shenango Limestone Co. (Limestone)
LEWISBURG—*Lewisburg Stone Co.
LIMA—*Bluffton Stone Co.
*Interstate Stone Co.
*Lewisburg Stone Co.
*Lima Cut Stone Co.
LOWELLVILLE—*Carbon Limestone Co. (Branch of Youngstown, O.)
LYKENS—Harer G. V. & Co.
McDERMOTT—*McDermott Stone Co. (Blue & Buff Sandstone, Sawed or in the Block)
*Waller Bros. Stone Co.
MADISONVILLE—Julien Jas. (Cut Contractor)
MANSFIELD—Fraser Granite Co. (Dealers)
Wolff, E. M. & Co.
MAPLE GROVE—Dolomite Products Co. (See Cleveland)
MARBLE CLIFF—*Casparis Stone Co. (See Columbus, O.)
MARIETTA—McLaren & Wommer (Cut Stone)
*Marietta Stone Co.
MARION—*Evans John Stone & Lime Co.
*Hamilton J. M.
Hinamon D. M.
*Ohio & Western Lime Co. Office, Huntington, Ind.
MASSILLON—*Massillon Sand & Stone Co. (Sandstone)
*Massillon Stone & Fire Brick Co.
Heinhart Jno. & Son (Contractors)
Sonnhalter Sand & Stone Co.
MIDDLEPOINT—*Erie Stone Co.
NEW PARIS—*Reinheimer Quarries Co.
NEW PHILADELPHIA—Beiter Jos. (Cut Stone)
PANDORA—*Schumacher Stone Co.
PATTERSON—*Herzog Jno. & Son (Building)
PIQUA—*Ohio Marble Co.
PORTSMOUTH—*Bodmer A. W.
SANDUSKY—*Butler Stone Co.
SPRINGFIELD—*Houlton Samuel P., Lagonda Creek
*Jenkins John W. (Limestone)
*Mills Bros. (Building, Bridge, Flagging, etc)
*Rubsam W. A.
STEUBENVILLE—*La Belle Iron Works (Limestone, all Consumed by the Company)
Steubenville Stone Co.
SYLVANIA—*Sylvania Stone Co. (Crushed, etc) (Office, Toledo, O.)
TIFFIN—Weott Lime & Stone Co.
TOLEDO—Eckhardt Monumental Co. (Cut Stone)
*Erie Stone Co.
*France Stone Co., 2d National Bank bldg
*France Quarries Co., Second Nat. Bank bldg
Knopp Bros Co. (Cut Contractors)
Lloyd Bros. Co., W Central & Auburn avs
Neukom Albert Cut Stone Co. (Cut Contractor), 140 Ottawa
*Ohio & Indiana Stone Co., Second Nat. Bank bldg
Peck C. & Son (Contractors)
*Stony Ridge Stone Co. (Crushed)
*Sylvania Stone Co. (Crushed, etc)
*Toledo Stone & Glass Sand Co., Ohio bldg
*Whitehouse Stone Co.
URBANA—Heatherman Patrick (Contractor)
VAN WERT—*Big Four Crushed Stone Co. (Crushed)
Erie Stone Co. (Crushed, etc)
*France Co.
WARREN—Trumbull Stone & Sand Co.
WASHINGTON, C. H.—Burke P. J. Monumental Works (Cut Stone)
WATERVILLE—*France Stone Co.
WHITE HOUSE—*Whitehouse Stone Co.
YOUNGSTOWN—*Bessemer Limestone Co. (Limestone)
Campbell Bros. Co. (Dealers)
*Carbon Limestone Co.
*Interstate Limestone Co.
*Lake Erie Limestone Co.
*Republic Iron & Steel Co. (Limestone, all Consumed by the Company) *See Branch Offices Alphabetical Section.*
*Union Limestone Co.
ZANESVILLE—Cary F. S. & Co. (Cut Stone)

OKLAHOMA.

ARBUCKLE—*Dolese Bros. Co. (See Chicago)

OREGON.

PORTLAND—St. Helens Quarry Co. (Building Stone, etc) Blake-McFall bldg

PENNSYLVANIA.

ALLENTOWN—Kline & Sacks (Cut Contractors)
Romig & Bear (Cut Stone)
Shoemaker G. W. & Co. (Cut Stone)
ALTOONA—Bell-Bockel Co.
McGinley Cut Stone Co. (Cut Stone)
Vipond John S. (Cut & Flagging)
ANNVILLE—*Annville Stone Co.
*Calcite Quarry Co.
*Millard H. E.
AVONDALE—*Williamson Frank & Co.
BECHTELSVILLE—Hoffman, Oliver D & Son
BETHAYRES—*Jarrett F. H.
BIRDSBORO—*Birdsboro Stone Co. (See Phila., Pa.)
*Dyer John T. Quarry Co.
*Schuykill Stone Co. (Building, Bridge, etc)
BLAIRSVILLE—Murray C. F. & Son
BRIDGEPORT—*Tyson Jacob L.
BRISTOL—Bannister Marble & Granite Works (Flag & Building Stone Cutter)
BURMONT—*Maher Philip & Son
BUTLER—Hobaugh & Weiner
*Schaffner Geo.
CANOE CREEK—*Blair Limestone Co. (Limestone) (See Pittsburgh, Pa.)
CARNEGIE—Carnegie Brick & Stone Co. Fort Pitt Stone & Brick Co.
CHESTER—Burns D. H. (Blue)
*Hanna Stone Co.
*Leiper Callender I.
*Leiper Mrs. Eliza
*Miller Alexander

CONNELLSVILLE—Palmer Bros. (Cut Stone)
CONSHOHOCKEN—*Conshohocken Stone Quarry
Daly Michael
O'Neill Stone Co.
DANVILLE—Evans T. L. Sons (Cut Contractors)
EARLSTON (P. O. Everett, Pa.)—*Thropp Joseph E. (All Limestone for Blast Furnace Use)
EASTON—General Crushed Stone Co. (Inc.) (Crushed R. R. Ballast, etc.)
Howell's D. J. Sons (Cut Stone)
Kelly Patrick & Son (Blue)
EDGEHILL—*Comly Frank T
*Edge Hill Silica Rock Co.
ELLWOOD CITY—*Clydesdale Brick & Stone Co.
Consolidated Stone & Mining Co.
Ellwood Stone Co.
EPHRATA—Bolster Bros. Cut Stone)
FRANKSTOWN—American Lime & Stone Co.
GREEN LANE—*Davis Trap Rock Quarry Co.
*Perkiomen Crushed Stone Co. (Crushed, etc)
GREENSBURG—Unity Sand & Stone Co.
GREENVILLE—*Greenville Silica Co.
GROVE CITY—Robert J. Breckenridge Stone Co.
HANOVER—Meyers Emanuel B. (Limestone)
HARRISBURG—Black Jno. (Cut Contractor)
HAZLETON—*Kehoe & Co.
HOLLIDAYSBURG—§Baldridge E. R. & Co. (Limestone)
HOMESTEAD—Erbeck F. J. (Cut Contractor)
JOHNSTOWN—Bader & Huebner
*Cambria Steel Co. (Limestone, all consumed by the Company) Main Office: Philadelphia, Pa.
Rowena Stone & Sand Co.
Schenkemeyer Chas. & Sons
Somerset Stone Co.
KING OF PRUSSIA—*Schweyer Hy. A. Co.
KUTZTOWN—*Kutztown Lime & Crushed Stone Co. (Crushed)
LANCASTER—*Betz Jacob
Haldy Marble & Granite Works
Heidig John B.
Hook John H
Moedinger's Jno. M. Sons
Penna. Stone, Cement & Supply Co.
LEBANON—*Hauck A. B.
*Lebanon Stone Co.
*Maillard J. B. & Son
*Mount Gretna Brownstone Co.
McKEESPORT—Bowman Bros. Co. (Freestone)
Winters Edwin (Cut & Flagging)
McKEES ROCKS—Petty Wm.
MERCER—Robinson N. T. (Flagging)
MESHOPPEN—*Ridgway B. & Son (Penna Blue)
MORTON—*Hill W. V.
MYERSTOWN — *Calcite Quarry Co. (Limestone. (See Annville, Pa.)
*Ebling John D.
*Millard J. B. & Son. (See Lebanon, Pa.)
NAGINEY — *National Limestone Co. (Limestone)
NEW CASTLE—*Beaver Valley Sandstone Co.
*Great Northern Sand & Stone Co.
*Johnson Geo. W. Limestone Co (Limestone)
*Lawrence Limestone Co.
*Mahoning Limestone Co.
*National Stone Co.
*New Castle Limestone & Clay Co
*Pittsburg Limstone Co.
*Rose Point Stone & Lime Co
*Shenango Limestone Co.
NICHOLSON—*Franklin Stone Co.
*Shields Moses Sons (Cut & Sawed)
NORRISTOWN—Derr, Walter
Dyer John T. Quarry Co. (Building & Crushed)
Landis William G. (Flagging & Cut)
*Lukens & Yerkes
Sullivan W. M. (Cut, Contractor)
OIL CITY—*Lesher & Roess (Sandstone)
*Pearson Andrew P. (Sandstone)
PALMYRA—*Dietz W. G. (Limestone)
PERKASIE—*Wamsher Harry G.
PHILADELPHIA — Ambler-Davis Co., Harrison bldg
*Birdsboro Stone Co. (Road & Concrete, Crushed, etc), Land Title bldg
Buck & Gallagher (Cut Contractors), 25th & Morris
Clark & Co., 1912 N 3rd
Copeland Hugh & Sons (Cut Contractors), Washington & 24th
Costigan Lawrence, Church la & Baynton, Gtn
*Davis Trap Works, Parkway bldg
Delaware River Quarry & Const. Co., Com'l Tr. bldg.
Dodds Jno. A. (Cut Contractors), 2929 Ellsworth
Dolan T. & J., 316 S 24th
Dyer John T. Quarry Co., Harrison bldg
Eastern Marble & Granite Works, 2700 Diamond
General Crushed Stone Co., North American bldg
Gray Wm. & Sons Co. (Cut Stone Contractors), 30th, Bel Walnut
Hagan John & Co. (Stone Yard), cor Comly ab Del.
Harrison R. C. & Co., (Wholesale) 3d & Allegheny
Hastings & Morrison (Cut Contractors & c Saw Mills), 1510 Wash'n av
Holmesburg Granite Co., Commercial Trust bldg
Ireland W. H., 1220 Filbert
Lambertville Stone Quarry Co., 1218 Filbert
Law & Burwell (Cut Contractors), Union & Ogden
*Lukens & Yerkes, St. Girard bldg
Maxwell's Jno. Sons (Blue), 30th, below Spruce
O'Neil Jerry, F. & Wyoming
Peoples Bros. (Building & Crushed), 25th & Callowhill
*Phila & Conshohocken Stone Quarry Co., 41H S 15th
Reilly Thos. (Cut Contractor), 7th & Sedgley
*Richardson & Ross Quarry Co., Penna bldg
*Ridgway B. & Son (Wyoming, Blue, Rough & Cut Work), N 9th & Columbia av
Rutan Jno., 1305 Arch
Shanley J. F. Co. (Heavy Masonry), Commercial Trust bldg
Tyson J. L., 900 Jeff
PHOENIXVILLE—Detwiler Monumental Works (Cut Contractor)
PITTSBURGH—Bachman Adam, 16 S 22d
Blair Limestone Co.
Booth & Flinn (Ltd.), 1942 Forbes av
Brogan Edward (Cut Contractor), 1215 Franklin, N S
*Carnegie Steel Co. (Limestone for Their Own Use), Carnegie bldg. Quarries at Mercer, Pa.
§Cleveland Stone Co., 316 4th av
*Clydesdale Brick & Stone Co., Oliver Bldg
*Clydesdale Stone Co. (Bridge, Rubble, Dimension, etc), Oliver bldg
*Consolidated Stone & Mining Co. (Sand Stone), 307 5th av
Coutts Thos. Co. (Cut Contractors), 3324 Smallman
Dallas & Nardulli, 608 Larimer av
Damm Jos., 1403 East
Downey & McDermott, Homewood av & Mt. Vernon
Ellwood Stone Co., House bldg
Fritz Geo., 1213 East N S
Haffner-Veder Cut Stone Co., 1024 Peralta
Happ Louis (Cut Contractor), 1315 Penna av
Knox, Strouss & Bragdon (Cut Contractors), Juniata & Preble
Morrison Bros. Co. (Cut Contractors), 459 South
*Republic Iron & Steel Co. (Limestone, all consumed by the Company), Oliver bldg
*Shenango Limestone Co.
*Walkers Mills Stone & Brick Co., Keenan bldg
Ward J. H. & Sons Co., Park & Nelson
West End Stone & Brick Co., 121 Wabash
Winfield Sand Co. (Limestone), 2d National Bank bldg
Wissner Henry, 1715 Wash'n av N S
Wolf Louis, Berlin
PLYMOUTH MEETING—Cox Lime & Stone Co. (Limestone)
POINT PLEASANT—*Heaney Nicholas L.
PORT KENNEDY—*Erwin Arch. B. (Limestone)
POTTSTOWN—§Nagle Geo. W. (Dimension)
QUAKERTOWN—*Clark Josiah (Flagging)
READING—Faust John K. & Son
Mt. Penn Sand & Stone Works, 216 N 10th
RIDLEY PARK—*Harper Walter
ST. MARYS—Dippold Fred M. (Cut Stone)
SCHWENKVILLE—Koons Frederick S.
SCRANTON—*Carlucci Nicholas (Cut Contractors)
Ruddy M. J. (Cut Contractor)
*Stipp Peter & Sons (Blue & Yellow)
Sykes Samuel & Son (Cut Contractors)
*White Haven Quarry Co.
SHAMOKIN—Barr Peter
SHARON—McIntyre Wm. & Sons (Cut Stone Contractors)
SOUTH BETHLEHEM—*Bethlehem Steel Co. (Limestone, All Consumed by the Company)
STEELTON—§Cumbler Geo. W. (Est. of) (Limestone)
Messenger Bros. (Cut Stone)
Penna. Steel Co. (See Phila., Pa.)
TEMPLETON—*Templeton Limestone Co. (Limestone, etc)
TYRONE—§American Lime & Stone Co. (Limestone)
WALKERS MILLS—*Walkers Mills Stone & Brick Co.
WALTONVILLE—*Brown Stone Store Co. (Rough, Sawed & Dressed Building Stone & Cut Contractors)
WAMPUM—*Beaver Valley Sandstone Co. (See New Castle, Pa.)
*Cambrian Limestone Co.
Clydesdale Brick & Stone Co. (See (See Pittsburgh)
*Consolidated Stone & Mining Co. Pittsburgh)
WAYNE—*Johnson Richard H. Co.
*McClellan Wm.
WAYNESBORO—*Decarbonated Lime & Stone Co. (Limestone)
WEST CHESTER—Corcoran Construction Co.
WEST CONSHOHOCKEN—*O'Brien Louis H.
*Phila. & Conshohocken Stone Quarry Co.
WEST GROVE—*Penna. Marble & Granite Co. (Cut Contractors) (See Phila., Pa.)
WILKES-BARRE—Schmidtt's John A. Sons (Laurel River Red)
Stemmer & Geick (Cut Stone)
WILKINSBURG—Holmes Bros.
Iron City Stone & Const. Co. (Cut Contractors)
*New Kensington Stone Co. (Bridge, Curb & Rubble, etc)
WILLIAMSPORT—Carothers A. K.
Gibbons J. E. (Cut Stone)
Steumpfle's David Sons
Susquehanna Stone Co.
YARDLEY—*Eastburn Chas. T.
YORK—*Baker J. E. Co. (Limestone & Lime Mfrs.)
York Cut Stone Co. (Cut Contractors)
§York Valley Lime Co. (Limestone)

RHODE ISLAND.

EAST PROVIDENCE—*McCormick Jos. (Foundation, Building & Crushed)
NEWPORT—Riggs Geo. H.
PROVIDENCE—Goff Jas. C. Co. (Blue), 31 Point
Manchester & Hudson Co. (North River Blue), 55 Point

SOUTH CAROLINA.

COLUMBIA—Hyatt F. H.

SOUTH DAKOTA.

SIOUX FALLS—Ballard & Son (Cut Stone)

TENNESSEE.

CHATTANOOGA—Chickamauga Quarry & Construction Co.
*Hooker Crushed Stone Co.
Troutt John & Co. (Cut Contractors)
MEMPHIS—Aitken David R. (Cut Stone)
Christie Cut Stone Co. (Cut Contractors)
Kastner Cut Stone Co. (Cut Stone)
Morriss Bros. (Cut Contractors & Sawmills)
NASHVILLE—Englebert & Co.
Foster & Creighton Co. Quarries: Rockwood, Ala.
Hardison W. T. & Co. (Dealers)
Nashville Cut Stone Co. (Cut Stone)

TEXAS.

AUSTIN—*Austin White Lime Co. (Limestone)
DALLAS—Moore & Co. (Dealers)
DENISON—Chamberlain A. P. (Cut Stone)
EL PASO—*Dudley & Orr
Pioneer Marble & Granite Works (Cut Stone)
*So. Western Portland Cement Co.
FORT WORTH—Henderson James G.
U. S. Engineering Constr. Co., Dept. H
Wells M. J. (Cut Stone)
HOUSTON—Zerbe Marble & Granite Works

UTAH.

SALT LAKE CITY—Johnson C. O. (Cut Stone)

VERMONT.

See Granite Producers, Workers & Dealers also Marble Producers

VIRGINIA.

NORFOLK—Consolvo & Overmeyer
PORTSMOUTH—Ogg A.
RICHMOND—Gemmel Bros., 902 Catharine
Mason Wm. R. (Cut Contractor), 1601 W Marshall
Matzke Otto A. (Cut Contractor)

WASHINGTON.

SKYKOMISH—*Maloney John
SPOKANE—Washington Monumental & Cut Stone
TACOMA—Donnellan & McKenzie (Cut Contractors)
Walker Cut Stone Co. (Cut Contractors)
TENINO—*Hercules Sandstone Co.
*Tenino Stone Co. (Sand Stone)

WEST VIRGINIA.

BUNKER HILL—*Baker J. E. Co. (Limestone & Lime Mfrs.)
HINTON—Noel R. E.
KINGWOOD—*Kingwood Quarries Co. ("Kingwood," "Yellow")
MARTINSBURG—*Blair Limestone Co. (Office, Pittsburgh, Pa.)
*Security Cement & Lime Co. (See Baltimore, Md.)
*Standard Lime & Stone Co. (See Baltimore, Md.)
NEW CUMBERLAND — *Kings Creek Quarry Co.
WHEELING—Rosenberg J. H. Jr.
Valley Star Stone Co.

STONE PRODUCERS, WORKERS, ETC. —continued

WISCONSIN.

ABLEMAN—*Gall Wm.
CHIPPEWA FALLS—Colfax Stone Co.
CLINTONVILLE—Melzer William (Building & Cutter)
DE PERE—*Wobosel Matthew
DUCK CREEK—*Brunette M.
FOND DU LAC—*Standard Lime & Stone Co.
GREEN BAY—*Greenleaf Stone Co.
LA CROSSE—*La Crosse Stone Co. (Crushed, Paving, Building, etc)
LANNON—*Davis Bros.' Stone Co.
*Flanagan Jno. J. Jr.
*Harmon & Son
*Lake Shore Stone Co.
MADISON—Paunnack E. F.
MANITOWOC—Kettenhofen N. (Cutter)
MARBLEHEAD—*Nast Bros. Lime & Stone Co. (Limestone)
*Union Lime Co. (Limestone) (See Milwaukee, Wis.)
MILWAUKEE—Andres Stone & Marble Co. (Cut Contractors), Keefe av & Richards
*Empire Lime & Stone Co. (Limestone)
General Construction Co. (Cut Contractors), 3038 Galena
*Froerning Bros. Quarry Co.
Kies Wolfgang, 3310 Vliet
*Lake Shore Stone Co., 1st Nat. Bank bldg
*Manegold A. F. & L., 766 Jefferson
Manz Joseph, 1609 Clark
Meyers Bros. (Cut Contractors), 342 E North av
Schmidt P. & Co. (Cut Contractors), 3038 Galena
Sivyer Steel Casting Co.
*Story Bros. (Limestone), Blue Mound rd
Union Lime Co.
Tingley C. Wallace (Cut Contractor), 720 31st
Vollbrecht & Olsen, 753 South Canal
*Wauwatosa Stone Co. (Limestone), 204 Grand
*Western Lime & Cement Co., Pabst bldg
Wilce John
OSHKOSH—§Cook & Brown Lime Co. (Limestone)
*Lutz Robt. (Building & Crushed)
RACINE—*Fox Lime & Stone Co. (Limestone)
*O'Laughlin John Stone Co. (Building, Rubble & Crushed)
*Universal Crushed Stone Co. (Crushed, etc)
SHEBOYGAN—Scheele Henry Jr. (Cut Contractor)
*Sheboygan Lime Works (Lime Stone)
WAUKESHA—*Waukesha Lime & Stone Co.
WAUWATOSA—*Zimmerman John Co.

14345— Stone Renovators

Dye Bros., 100½ W 54th, New York
Finney C. H. & Sons, 139 W 53d, New York
Fordham Stone Renovating Co. (Granite, Marble & Brownstone Renovated & Pointed), 417 E 34th, New York
National Stone Renovating Co., 409 W 55th, New York
Paris Stone Renovating Co., 5 Great Jones, New York
Smith N. & Co., 131 Columbus av, New York
Zaput & Bendish, 254 W 65th, New York

Stone Rubbing Beds

See Rubbing, Beds, Stone, Slate, etc.; also Machinery, Stone Polishing

14346—Stone Saw Blades (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Elyria Iron & Steel Co., 232 E 131st, Cleveland, O.
Oldham New York Saw Wks., Inc., 112 26th, Brooklyn, N. Y.
Sharon Steel Hoop Co., Sharon, Pa.

14347— Stone Screenings

A. & C. Stone & Lime Co., 17 N Pennsylvania av, Indianapolis, Ind.
Bessemer Limestone Co., Youngstown, O.
Biesanz Stone Co., Winona, Minn.
Producers Material Co., 29 S La Salle, Chicago, Ill.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Toledo Stone & Glass Sand Co., Toledo, O.
Waukesha Lime & Stone Co., Racine, Wis.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.

14348—Stone Stair Treads, Platforms & Risers

Euclid Stone & Brick Co., Cleveland, O.

14349— Stone Urinal Slabs

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Euclid Mfg. Co., Padden City, W. Va.
Euclid Stone & Brick Co., (Slabs & Stalls) Cleveland, O.

14349a—*Stonekote (Exterior Cement Plaster)

GARDEN CITY SAND CO., Chamber of Commerce bldg, Chicago, Ill.

14350— Stoners (Cherry, Peach, Etc.)

Cassady Fairbank Mfg. Co. ("Manchardt's"), 6126 S La Salle, Chicago, Ill.
Enterprise Mfg. Co. of Pa. ("Enterprise"), 3rd & Dauphin, Phila., Pa.
Goodell Co. (Family), Antrim, N. H.
Mapes E. B. & Co., South Haven, Mich.
New Standard Hardware Works (Cherry), Mt. Joy, Pa.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Wrightsville Hardware Co. ("Brighton" Cherry Stoner), Wrightsville, Pa.

14350a—Stones (Commutator)

Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Handy Supply Co., 11737 Detroit av, Cleveland, Ohio
Ideal Commutator Dresser Co., 8 S. Dearborn, Chicago, Ill.

14351— Stones (Emery)

Amer. Emery Wheel Wks. (Corundum), 325 Waterman, Providence, R. I.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Pike Mfg. Co., Pike, N. H.
Safety Emery Wheel Co., Springfield, O.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.

14352—Stones (Glass Cutters')

Norton Company, Worcester, Mass.
Pike Mfg. Co., Pike, N. H.

14353—Stones (Lithographing)

Martin & Bechtold, Inc., 32 Greene, New York
Senefelder Litho Stone Co., 32 Greene, New York

14354—Stones (Oil & Water)

American Emery Wheel Works, 325 Waterman, Providence, R. I.
American Hone Co., Olean, N. Y.
Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Aloxite & Natural), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Detroit-Star Grinding Wheel Co. (Oil), 111 Cavalry, Detroit, Mich.
Dixon Wm. (Jobbers), 39 John, New York
Luther Grinder Mfg. Co. ("Dimo Grit"), 285 So. Water, Milwaukee, Wis.
Norton Co. ("India"), Worcester, Mass.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Pike Mfg. Co., Pike, N. H.
Scranton Whetstone & Abrasive Wheel Co. ("Hindostan"), Scranton, Pa.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.

14355— Stones (Pulp)

Lombard & Co. (English New Castle), 236 A, Boston, Mass.

14356— Stones (Rubbing)

Eureka Rubbing Stone Co. (For Car & Carriage Painters, etc), 157 W Austin, Chicago, Ill.

14357— Stones (Scythe)

Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Pelkey W. H., Fair Haven, Vt.
Pike Mfg. Co., Pike, N. H.

14358— Stones (Sheiling)

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

14359— Stones (Tool)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Cleveland Stone Co., 1836 Euclid av, Cleveland, O.
Ohio Quarries Co., Citizens' bldg, Cleveland O. Quarries & Mills: Amherst, Ohio
Pike Mfg. Co., Pike, N. H.

14360—Stoneware (Chemical)

Acid Proof Clay Products Co., Akron, Ohio
Behrend F., Inc. (Importers), 170 Front, New York
Burns E. Reed Supply Co., 25 Jackson, B'klyn, N. Y.
Dorchester Pottery Works, 9 Preston, Boston, Mass.
Gem Stopper Co. ("Gesco" Carboy Stopper), 2120 Nicholas, Phila., Pa.
General Ceramics Co., 50 Church, New York
Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.
Hood B. Mifflin, Atlanta, Ga.
Remney Richard C. Son Co., Hedley & Delaware River, Phila., Pa.
Uhl Pottery Co. (Jars, Churns, Crocks, Jugs, etc), Evansville, Ind.
United States Stoneware Co. (Receivers, Pipes, Pots, Faucets, Tanks, Retorts), Akron, O.
Weeks Arthur J., Akron O.

14361— Stools (Adjustable)

Ohio Mfg. Co. (Steel Factory), P. O. Box 136, Painesville, O.
See adv index at end of book
Toledo Metal Furniture Co. ("Eureka"), Toledo, O.

14362— Stools (Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Plastone Co. (Step Ladder),, Los Angeles, Cal.
Sterling Foundry Co. ("Sterling" Step Ladder), Sterling, Ill.

14362a—Stools (Lunch Room)

VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill.
See adv index at end of book

14363—Stools (Steel, Factory & Office)

Angle Steel Stool Co. (Angle Steel Legs), Otsego, Mich.
Bayer-Rothgeb Co., Los Angeles, Cal.
Bernstein Mfg. Co. (Factory Stools & Chairs), 3d & Allegheny, Phila., Pa.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Celina Specialty Co., Celina, O.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Adjustable), 1281 E 38th, Cleveland, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Hughes Steel Equipment Co. (Factory), Allegan, Mich.
Jencks H. F. Co. (Factory), Pawtucket, R. I.
Kalamazoo Steel Goods Co., 412 E Ramson, Kalamazoo, Mich.
Koenig Edward L., 23 Kinzie, Chicago, Ill.
Lothrop Mfg. Co., 15 W Kinzie, Chicago, Ill.
Manufacturing Equipment & Engineering Co., Framingham Mass.
New Britain Machine Co. ("New Britain" Factory Adjustable), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO. (Adjustable Steel Factory), P. O. Box 136, Painesville, O.
See adv index at end of book
United Steel & Wire Co., Battle Creek, Mich.

14364— Stools (Store)

Andrews A. H. Co. (Metal), 107 Wabash av, Chicago, Ill.
Bryan Novelty Mfg. Co. ("Triumph" Auto, "Ideal" Auto, "20th Century," "Yunck" & "Bryan"), Bryan, Ohio
Buffalo Metal Furniture Mfg. Co. ("Nevewear" Revolving Top, etc.), Buffalo, N. Y.
Celina Specialty Co. (Metal), Celina, O.
Chicago Hardware Foundry Co. (Revolving), North Chicago, Ill.
Cook C. A. Co. ("Utility," Folding Counter), Cambridge, Mass.
Jenkins Machine Co. (Revolving), Sheboygan, Wis.
Toledo Metal Furniture Co. ("Perfection," "Service," "Model" Steel, also Pedestal), Toledo, O.

14364a— *Stools (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14365—Stoppers (Bath & Basin)

See also Stopples, Rubber

Canfield H. O. Co. ("Canfield" Rubber), Bridgeport, Conn.
Goodrich B. F. Co. (Rubber), Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.
U. S. Rubber Co., 1790 B'way, New York
Wise J. B., Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

14366— Stoppers (Bottle)

See also Corks, Crown

Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.
Bernardin Bottle Cap Co. ("Cyclone"), Evansville, Ind.
Canfield H. O. Co. (Rubber), Bridgeport, Conn.

Carr-Lowrey Glass Co., Westport, Baltimore, Md.
Gem Stopper Co. ("Geco"), 2120 Nicholas, Phila., Pa.
Hutter Karl ("Hutter" Porcelain), 241 Lafayette, New York
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
Schacht Rubber Mfg. Co. ("Daisy"), Huntington, Ind.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.
U. S. Bottle Stopper Co., Haw Tree Creek rd, Woodhaven, N. Y.
Whitall Tatum Co., 48 Barclay, New York
Wildman-Treherne Co. (Glass), 85 Franklin, New York

Stoppers (Carboy)

See Stoneware, Chemical

Stoppers (Flue)

See Stops, Flue

14367—Stoppers (Gas Main)

Behringer Edw. A. Inc. ("Behringer" & "Perfect"), 98 Park pl, New York
Safety Gas Main Stopper Co. ("Goodman"), 263 E 133d, New York

14368-9—Stoppers (Milk Bottle)

Chapin R. E. Mfg. Works, Batavia, N. Y.

14370-1—Stoppers (Plumbago)

Bartley Jonathan Crucible Co., Trenton, N. J.
McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.
Ross-Tacony Crucible Co. (For Steel Works), Robbins & Milner, Phila., Pa.

Stoppers (Wooden For Various Purposes)

See Plugs, Wood

14372—Stoppers & Nozzles (Ladle)

Seidel R. B. (Inc.) (For Open Hearth & Bessemer Ladles), 1332 Callowhill, Phila., Pa.

14373— Stopples (Rubber)

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Continental Rubber Works, Erie, Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co., Hamilton Square, N. J.
National India Rubber Co., Bristol, R. I.
N. Y. Belting & Packing Co., 91 Chambers, New York
Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co. (Acid Corks, etc), Chelsea, Mass.
Rubber Stopple Co., West av, Long Island City, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.
U. S. Rubber Co., 1790 B'way, New York

14374— Stops (Bench)

Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Dicke Tool Co., Downers Grove, Ill.
Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book
Smith Seymour & Son, Oakville, Conn.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." German Pattern), 2114 Carroll av, Chicago, Ill.
Winkler Co., 120 Miller, Newark, N. J.

14375— Stops (Bit)

Millers Falls Co. (Anti-Friction Ball Bearing), 28 Warren, New York

Stops (Boom Foot)

See Eyes, Lacing

14376—Stops (Crane Limit)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

14377—Stops (Curb & Waste)

Union Water Meter Co., Worcester, Mass.

14378-9— Stops (Flue)

Andrews Wire & Iron Works ("Higgins," "Androck," "Edwards"), Rockford, Ill.
Central Stamping Co., 172 Fulton, New York
Clark J. L. Mfg. Co. ("Glen"), Rockford, Ill.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwauke, Wis.
See adv index at end of book
Holt-Lyon Co. (Self Adjusting), Tarrytown, N. Y.
Lalance & Grosjean Mfg. Co. ("Royal"), 299 B'way, New York
Lawson F. H. Co., Cincinnati, O.
McAleer E. J. & Co., 1422 N 8th, Phila.,Pa.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co. ("Stay-In"), Peoria, Ill.
Phillips & Buttorff Mfg. Co. (Safety), Nashville, Tenn.
Rau Perfect Flue Stopper Co., Louisville, Ky.
Roseland Can & Specialty Co. ("Imperial," "Royal," "Rockford," "Regal"), Rockford, Ill.
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Wagner Mfg. Co., Cedar Falls, Ia.
Weber & Kirck Mfg. Co. ("Wagner's"), Keokuk, Iowa

14380—Stops (Planer, Automatic)

Lamb Knitting Machine Co. ("Usher"), Chicopee Falls, Mass.

14381— Stops (Shaft Tug)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

14382—Stops & Wastes (Compression)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Dick Bros., Reading, Pa.
Exeter Brass Works, Exeter, N. H.
Haines, Jones & Cadbury Co. ("H. J. & C.") 1136 Ridge av, Philadelphia, Pa.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Mueller H. Mfg. Co. (Also Ground Key), Decatur, Ill.
Peck Bros. & Co. ("Universal"), New Haven, Conn.
Robertshaw Mfg. Co., Youngwood, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.

Storage Battery Locomotives

See also Locomotives (Storage Battery)

14382a—*Storage Pockets (Industrial Silos)

CRAINE SILO CO. INC., Norwich, N. Y.
See adv index at end of book

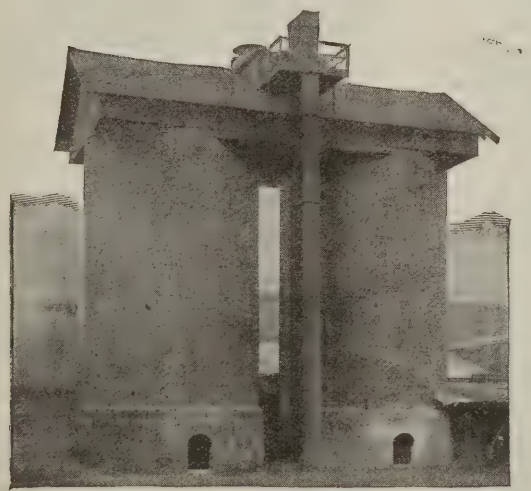
14383—Store Front Construction

Brasco Mfg. Co. (Copper), 145 S Michigan av, Chicago, Ill.
Braun J. G., 609 S Paulina, Chicago, Ill.
Coulson J. W. & Co., Columbus, O.
Detroit Show Case Co. ("Disco" Copper), 1670H Fort W., Detroit, Mich.
Hester Mfg. Co. (Copper), 1455 S Michigan av, Chicago, Ill.
International Steel & Iron Co., Evansville, Ind.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Mesker Geo. L. & Co. (Copper), Evansville, Ind.
Perfection Metal Bar Co. ("Perfection" Metal & Metal Covered Wood), 3321 Lorain av, Cleveland, O.
Shultz All Steel Corner Post Co. ("Shultz" Corner Posts & Metal Window Bars), St. Joseph, Mo.
Standard Plate Glass Co. (Jobbers), 80 Sudbury, Boston, Mass.
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Thorne Hold Fast Metal Bar Co., Troy, N. Y.
Voltz Mfg. Co. ("Universal"), 914 Penn, St. Joseph, Mo.
Western Builders Supply Co. ("Acme" Metal), 135 2nd, San Francisco, Cal.
Zouri Drawn Metals Co., Chicago Heights, Ill.

14384— Store Fronts (Brass & Bronze)

California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
California Fire Proof Door Co. ("Wilcox"), 1931 S Los Angeles, Los Angeles, Cal.
Coulson J. W. & Co., Columbus, O.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Gorham Co. Arch'l Bronze ("Gorham Standard"), 5th av & 36th, New York. Works: Providence, R. I.

Granulated Slate Storage
The Flintkote Company,
Chicago Heights, Ill.



CRAINE
Storage Pockets

ASIDE from their labor saving and convenience in handling materials Craine Industrial Silos are further economical—providing greater storage capacity on less land.

Our Engineering Department is always ready to co-operate in solving storage and handling problems.

Write for our well illustrated book, "Modern Methods of Economical Storage."

CRAINE SILO CO., Inc., Norwich, N. Y.

STORE FRONTS (BRASS & BRONZE)—continued

Gorham Co., Architectural Bronze, 5th av & 36th, New York
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Herzog Iron Works, St. Paul, Minn.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Thorne Hold-Fast Metal Bar Co., Troy, N. Y.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Verdeckberg Iron & Wire Works Co., Denver, Col.
Voltz Mfg. Co., 914 Penn, St. Joseph, Mo.

Store Fronts (Cast Iron)

See Firms in Iron, Archectural & Ornamental, marked with (*) Star

14385— Store Fronts (Galvanized Iron)

Berghofer Mitchell Co., Quincy, Ill.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Gara McGinley Co., 23 S 17th, Phila., Pa.
Halback C. E. Co., 189-91-93 Banker, Brooklyn, N. Y.
International Steel & Iron Co., Evansville, Ind.
Mesker Geo. L. & Co., Evansville, Ind.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Newburgh Cornice Works, Newburgh, N. Y.
Penn Metal Co., 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Siddons John Co., Rochester, N. Y.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Watson Jas. H. Co., Bradley, Ill.

14386—Store Fronts & Show Windows (Glass)

Crane Glass & Mfg. Co., 206 St. Clair av, Cleveland, O.
Shane O. W. Glass Co., York, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Zouri Drawn Metals Co., Fine Arts bldg, Chicago Heights, Ill.

14387— Store & Bar Fixtures

Adams & Kelly Co., Omaha, Neb.
Ammann Mfg. & Const. Co., 155 Av D, New York
Bangs C. H. Druggists' Fixture Co. (Drug Store), Reading, Mass.
Beardslee-Graham Showcase Co., Seattle, Wash.
Buffington I. T., Elizabethtown, Pa.
Capital City Furniture Co. (Bank, Store, Bar, Church, etc), 639 Jackson, St. Paul. Minn.
Chicago Store & Office Fixture Co., 820 S Clinton, Chicago, Ill.
Cleveland Store Fixture Co., 1305 E. 40th, Cleveland, Ohio.
Columbia Store Fixture Co., 1230 Washington, Columbia, S. C.
Combination Door Co. (Store & Office Fixtures), Fond du Lac, Wis.
Curtis, Towle & Paine Co., Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs. of Bar, Hotel, Bank, Store & Office Fixtures). Wausau, Wis.
Dean C. P. Corp., Richmond, Va.
Delphis S. Sons (Butchers), 4th & Liberty, Pittsburgh, Pa.
Detroit Store Fixture Co., 16 Catherine, Detroit, Mich.
Du Pont E. I. de Nemours & Co. Inc., Special Products Sect., Wilmington, Del.
See adv index at end of book
Ehrlich H. & Sons Mfg. Co. (Store & Restaurant & Post Office Fixtures), St. Joseph, Mo.
Fincke Oscar, 1916 Bryant, San Francisco, Cal.
Fischer Bros., 5 E 137th, New York
Fisher Co. (Drug Store), Charles City, Ia.
Friedland B. Co. (Store), 281 Butler, Brooklyn, N. Y.
Ganter F. X. Co. cor Sharp & Ostend, Baltimore, Md.
Glaser, Rohrer & Co. (Drug Store), 502 E 74th, New York
Grand Rapids Show Case Co. (Store), Grand Rapids, Mich.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Herdman Sash, Door & Lumber Co., Zanesville, O.
Huck Mfg. Co. (Drug, etc), Quincy, Ill.
Huss Bros. Fixture Co., 25 W Baker, Cincinnati, O.
Kleeman Wm. & Co., 101 Park av, New York
Kloak Bros. & Co., 12 E. 3rd, Cincinnati, O.
Koehler & Hinrichs, St. Paul, Minn.
Kurtz Bros., Bethlehem, Pa.
Loeper Anton & Sons, Ashland, Pa.
Lookout Planing Mills, Chattanooga, Tenn.
McPhee & McGinnity Co., Denver, Colo.
Maclean J. S., Spring & Water, Columbus, Ohio
Mansfield R. & Son, Louisville, Ky.
Nalle & Co., Austin, Tex.
N. Y. Store Fixture Co., 5 E 137th, New York
National X-Ray Reflector Co., 235 W Jackson blvd., Chicago, Ill.
Northey Mfg. Co., Waterloo, Ia.
Norwich Nickel & Brass Co., Norwich, Conn.
Passow & Sons (Store), 2101 S Allport, Chicago, Ill.
Phoenix Furniture Co., Eau Claire, Wis.
Quincy Show Case Works (Bank, Office, Drug Store, Jewelry, etc), Quincy, Ill.
Reeber's J. Sons Co., Canal pl & 138th, New York
Reed Evan L. Mfg. Co., Sterling, Ill.
Reinle-Salmon Co. (Drug Store), Warner & Stockholm, Baltimore, Md.
Rieser Ely J. & Co. (Drug, Saloon, Cigar, etc), 1st av & 28th, New York
Russ Co., 5700 Walworth av, Cleveland, O.
Russell A. N. & Sons Co., Ilion, N. Y.
St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.
Scott N. S. Co., 440 Adelphi, Brooklyn, N. Y.
Segale Mfg. Co., 68 E Spring, Columbus, Ohio
Segelke & Kohlhaus Mfg. Co., La Crosse, Wis.
Simmons Wood Working Co., Williamsport, Pa.
Sorensen O. J., La Crosse, Wis.
Southern Cal. Hardwood & Mfg. Co., 1430 S Alameda, Los Angeles, Cal.
Southwick-Pom-McFate Co., 5222H St. Jean, Detroit, Mich.
Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.
Staudte & Reuckoldt Mfg. Co., 112 Soulard, St. Louis, Mo.
STEARNS A. T. LUMBER CO. (Store), 100 Taylor, Boston, Mass.
See adv index at end of book
Stevens Benj. A. Co. (Butchers' & Store Fixtures), Toledo, O.
Struck Alfred Co., Louisville, Ky.
Sun Mfg. Co. (Store Only), Columbus, O.
Taylor Mfg. Co., Princeton, Ind.
Viking Refrigerator & Mfg. Co. (Store), 1305 Walnut, Kansas City, Mo.
Waddell Co. (Store Only), Greenfield, O.
Walker Bin Co. (Grocery, etc), Penn Yan, N. Y.
Washburn Williams & Co., Scranton, Pa.
Weber Supply & Specialty Co. (Fruit & Vegetable Stands, Jobbers), 2250 S Union av, Chicago, Ill.
Western Cabinet & Fixture Mfg. Co. Kansas City, Mo.
Whitcomb Cabinet Co., Kansas City, Mo.
Williams & Hunting Co., Cedar Rapids, Iowa

14388—Storm Doors & Windows

Adams & Kelly Co., Omaha, Neb.
Bardwell-Robinson Co., 24th av N & 2d, Minneapolis, Minn.
Carr & Baal Co., Des Moines, Ia.
Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.
Combination Door Co. (Combination Door & Screen), Fond du Lac, Wis.
Continental Co., Book bldg, Detroit, Mich.
Curtis & Yale Co. (Wholesale Mfrs), Wausau. Wis.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon Vantine Co., Davenport, Ia.
Kuhn Sash & Door Co. (Wholesale Mfrs), 204 N E 7th, Minneapolis, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Smith Sash & Door Co. (Wholesale Mfrs.), 112 E Lake, Minneapolis, Minn.
Williams & Hunting Co., Cedar Rapids, Ia.

14389— Stove Boards

Belding-Hall Co., Belding, Mich.
Matthiessen & Hegeler Zinc Co. (Blanks), La Salle, Ill.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Porter C. B. Co., 128 N 2d, Phila., Pa.
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.

14390-1— Stove Linings

Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book
Atlas Co., Lincoln, N. J.
Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.
Bickford Fire Brick Co., Curwensville, Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown" Plastic Asbestos), Syracuse, N. Y.
Columbia Fire Brick Co., Canton, O.
Dighton Stove Lining Co., Dighton, Mass.
Fox E. S. & Co., Reading, Pa.
Garfield Fire Clay Co., Robinson, Pa.
Hall & Sons, Buffalo, N. Y.
Louisville Fire Brick Works, Louisville, Ky.
McLeod & Henry Co., 360 1st, Troy, N. Y.
Marcy Stove Repair Co., 74 Beekman, New York. Foundry: Perth Amboy, N. J.
Peekskill Fire Brick Works, Peekskill, N. Y.
Portsmouth Refractories Co., Portsmouth, Ohio
Presbrey Stove Lining Co., Taunton, Mass.
Rogers & Co., Royersford, Pa.
Rutland Fire Clay Co. ("Rutland," "Champion" Plastic), Rutland, Vt.
Standard Stove Lining Co., Taunton, Mass.
Thomas Buckwalter & Co., Royersford, Pa.
Union Stove Lining Co., Taunton, Mass.
Williams Stove Lining Co. (Brick), Taunton, Mass.

14392— Stove Mfrs.

ALABAMA.

BIRMINGHAM—Avondale Stove & Fdry. Co.
Birmingham Stove & Range Co. ("Delights," "Areoles," "Crackerjacks")
FLORENCE—Martin Stove & Range Co.
GADSDEN—A. & J. Mfg. Co.
SHEFFIELD—King Stove & Range Co. ("King Bee," "Crown")

CALIFORNIA.

LOS ANGELES—Dutwiler M. E.
SAN DIEGO—Ingle Mfg. Co.
SAN FRANCISCO—Graham Jas Mfg. Co. ("Wedgewood," Gas, Coal & Wood), 531 Mission
Ils John G. & Co., 839 Mission
San Francisco Stove Works, 260 Townsend
Steiger & Kerr Stove & Foundry Co. (Stoves, Ranges, etc), 2201 Folsom

COLORADO.

PUEBLO—Pueblo Brass & Iron Foundry ("Regent")

CONNECTICUT.

STAMFORD—Stamford Fdry. Co. (Parlor, Store, Factory & Laundry)
Stamford Gas Stove Co. (Stoves, Ranges & Furnaces, etc)

GEORGIA.

ATLANTA—Atlanta Stove Works
ROME—Bowie Stove Co.
Hanks Stove & Range Co.
Southern Co-Operative Foundry Co.

ILLINOIS.

AURORA—Rathbone, Sard & Co. (Stoves, Ranges, Stationary & Portable)
BELLEVILLE—Baker Stove Works
Belleville Stove & Range Co.
Eagle Foundry Co.
Orbon Stove & Range Co.
Perfect Stove & Mfg. Co.
Quality Stove & Range Co.
BENTON—Sanitary Stove Mfg. Co. (Gas & Coal Ranges, etc)
BLOOMINGTON—Co-Operative Stove Co.
CHICAGO—Chicago Stove & Range Co., 2500 Cottage av
Clark Geo. M. & Co., 179 N Michigan av, Dept. H
Cole Mfg. Co. ("Cole's" Hot Blast Stoves & Ranges, "Radiant"), 3218 S Western av
Cribben & Sexton Co., 680 N Sacramento blvd
Crown Stove Works, 4631 W 13th
Detroit Stove Works (of Detroit, Mich.), 2921 S La Salle
Home Stove Works, 2622 W 18th
Peninsular Stove Co., 438 S Canal
Stearnes Co., 133 W Lake
FULTON—Mississippi Valley Stove Works
GRANT WORKS—Crown Stove Works.
JOLIET—Moore Bros. Co. ("Moore's" Stoves)
MORRISON—Summit Stove Works
NEW ATHENS—Auto Stove Works
PEORIA—Culter & Proctor Stove Co.
QUINCY—Channon-Emery Stove Co.
Comstock-Castle Stove Co. ("Economy")
Excelsior Stove & Mfg. Co. (Stoves, Ranges, etc, "National")
Gem City Stove Mfg. Co. (Ranges, Heaters & Furnaces)
Lahan Stove & Mfg. Co.
Quincy Fdry. & Novelty Co.
Quincy Stove Mfg. Co.
Sheridan Stove Co.
Travilla M.
White Thos. Stove Co.
ROCK ISLAND—Rock Island Stove Co. ("Riverside")
ST. CHARLES—Faultless Iron Works (Malleable Iron)

INDIANA.

EVANSVILLE—Advance Stove Works
Crescent Stove Wks. (Stoves, Ranges, etc)
Evansville Stove Works (Stoves & Hollow Ware)
Indiana Stove Works
Southern Stove Works (Stoves & Ranges)
HUNTINGTON—Majestic Co.
INDIANAPOLIS—Home Stove Co.
Indianapolis Stove Co.
Utility Stove & Range Co. ("Searchlight")
KOKOMO—Globe Stove & Range Co. (Steel Ranges)

MARION—Hoosier Stove Co.
Marion Stove Co.
NEW ALBANY—Anchor Stove & Range Co. (Anchor)
Gohmann Bros. & Kahler Co.
SOUTH BEND—Engman-Matthews Range Co.
Malleable Steel Range Mfg. Co.

IOWA.

CEDAR RAPIDS — Leonard Hi-Oven Range Co.
KEOKUK—American Stove & Range Co.
OTTUMWA—McCarroll Bros. Co.

KANSAS.

LEAVENWORTH—Great Western Stove Co.

KENTUCKY.

AUGUSTA—Augusta Stove Foundry
CANE VALLEY—Dudgeon Co.
COVINGTON—Insurance Foundry Co.
Star Foundry Co.
LOUISVILLE—Baxter W. E. Mfr. (Portable)
Bridgeford & Co.
Fischer-Leaf Co.
Graf-Webb Iron Mfg. Co.
Kentucky Stove Co.
O. K. Stove & Range Co. (Stoves, Ranges, etc)
Stratton & Terstegge Co., 15th & Main

MAINE.

BANGOR—Noyes & Nutter Mfg. Co.
Wood & Bishop Co.
PORTLAND—Portland Stove Fdry. Co. (Stoves, Ranges, etc)
WATERVILLE—Noyes Stove Co.

MARYLAND.

BALTIMORE — Bartlett Hayward Co. (Brick Set & Portable Ranges, Stoves, Furnaces, etc.), Scott & McHenry
Bibb B. C. Stove Co. ("Grand Emerald," "Stonewall," "New Emerald," "Virginia," "Lancaster," "Southern Girl," "Derby," "Maxim," "Cook," "Carrollton," "Coral," "Triumph," "Belair," Double "Cadet," "Pearl," "New Regal," "Magnum," "Red Hot," "Chum" Heating), 109 Light
Calvert Stove & Heating Co. (Jobbers), 512 S Chester
Hutchinson Bros., 5 S Howard
SEXTON S. B. STOVE & MFG. CO., 500 W Conway
Weiskittel A. & Son Co. ("Fire King," "Golden Rule" & "Patapsco"), 12th & E Lombard
PERRYVILLE—Armstrong Stove & Mfg. Co.

MASSACHUSETTS.

BOSTON—Howes S. M. Co. ("Howes" Ranges), 42 Union
Magee Furnace Co., 38 Union
Smith & Anthony Co. ("Hub"), 52 Union
Walker & Pratt Mfg. Co. (Furnaces, Ranges & Stoves), 31 Union
MANSFIELD — Chilson Furnace Co. ("Chilson," "Boston," "Arlington")
NORTH DIGHTON—North Dighton Co-operative Stove Co. ("Oakland")
OTTER RIVER—Lord, Stone & Co.
PLYMOUTH—Plymouth Fdry. Co.
SOMERSET—Somerset Stove Foundry Co.
TAUNTON—Dighton Foundry Co. ("Winthrop" & "Dighton" Stoves, Ranges, etc)
Leonard & Baker Stove Co.
Thomas Oscar G.
Weir Stove Co. ("Glenwood")
White-Warner Co.
WATERTOWN—Walker & Pratt Mfg. Co.

MICHIGAN.

BATTLE CREEK—A. B. Stove Co.
DETROIT—Art Stove Co. ("Laurel" Cast Iron), Russell & Milwaukee
Detroit Stove Works ("Detroit Jewel" Cooking & Heating for Gas, Wood & Coal), 6900 East Jefferson av
Michigan Stove Co. ("Garland" Stoves, Ranges & Furnaces), Adair & Jefferson E
Peninsular Stove Co., 8th & Fort
DOWAGIAC—Beckwith P. D. (Inc.), ("Round Oak" Heating Stoves & Furnaces)
KALAMAZOO—Kalmazoo Stove Co.
LAPEER—Bostick Stove Co.
OWOSSO—Independent Stove Co. ("Renown")

MINNESOTA.

MINNEAPOLIS—Smith System Heating Co. (Heating & Ventilating for Schools)
ST. PAUL—Joesting & Schilling Co., 379 Sibley
Wolterstorff Range Co., 66 E 3rd
SHAKOPEE—Minnesota Stove Co.
STILLWATER—Daily L. W.

MISSOURI.

HANNIBAL—Duffy-Trowbridge Stove Mfg Co.
INDEPENDENCE—Independence Stove & Fdry. Co.
KANSAS CITY—Security Stove & Mfg. Co. ("Security") 17th & Oakland av
ST. LOUIS—American Stove Co., 827 Chouteau
Bokern F. T., 217 Market
Bridge & Beach Mfg. Co., 1st & Valentine
Buck's Stove & Range Co., 3500 N 2d
Charter Oak Stove & Range Co., Antelope & Conduit
Copper Clad Malleable Range Co., Wainwright bldg
Green's Car Wheel Mfg. Co. ("Cannon" Cast Iron Heating), 3000 N B'way
Heinz C. Stove Co., 100 N 2d
Hemp & Co., Vanderventer, nr Shaw
Majestic Mfg. Co., 2014 Morgan
Quick Meal Stove Co. (Div. Amer. Stove Co.), 2001 S Kingshighway
Ringen Stove Co., Div. of American Stove Co., 827 Chouteau av
Simmons Hardware Co. (Stoves & Ranges), 9th & Spruce
Willard W. G., 316 Chestnut
Wrought Iron Range Co., 5661 Natural Bridge av
SPRINGFIELD—Woods-Evertz Stove Co.
VALLEY PARK—Wilson Stove & Mfg. Co.

NEBRASKA.

RALSTON—Howard Stove Co.

NEW HAMPSHIRE.

CONCORD—Ford Foundry Co.
SALMON FALLS—Somersworth Fdry. Co.

NEW JERSEY.

DOVER—Richardson & Boynton Co.
ELIZABETH—Heating Supply & Repair Co. ("Uprite" Oval Range)
JERSEY CITY—Colby E. B. & Co. ("Colbe" Combination Range, for Coal, Wood & Gas), Hoboken av
NEWARK—Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationery), 36 St. Francis
SOMERVILLE—Somerville Stove Works
TRENTON—Mott J. L. Iron Works (Coal & Gas)

NEW YORK.

ALBANY—Brohm & Molitor
Gold Coin Stove & Fdry. Co.
Rathbone, Sard & Co. ("Acorn" Stoves, etc.)
BUFFALO—Buffalo Co-Operative Stove Co. ("Amherst")
Jewett & Co. ("Jewett")
Pohlmann John W. Fdry Co., 205 Baits av
CORNING—Corning Mfg. Co.
FRIENDSHIP—Drake Hdw. Co.
GENEVA—Phillips & Clark Stove Co. ("Andes")
Summit Foundry Co.
MANLIUS—Cheney S. & Son
NEW YORK—Graff Furnace Co. ("Faultless"), 61 Wooster
Grinberg Bros., ("Prize Plymouth," "Atlantic," "Puritan," "Caboose," "New Prize," "Peerless," "Royal," "New Royal," "Grand Eagle," "Radiant"), 154 South
Manhattan Stove Co., 6 Platt
New York French Range Co., 188 Chambers
Southard-Robertson Co., 257 Water
Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationary), 135 W 35th
Union Stove Works ("Avon," "Bronx") 70 Beekman
PEEKSKILL—Mohegan Stove Co.
Southard-Robertson Co.
Union Stove Works (Furnaces, Ranges, Heaters, etc)
PORT CHESTER — Abendroth Bros. (Stoves & Ranges)
PORT JERVIS—Swinton & Co.
ROCHESTER—Co-Operative Foundry Co. ("Red Cross")
See adv index at end of book
Galusha Stove Co. ("Norman")
Kennedy & Co.
Sill Stove Works (Coal & Gas Combination Ranges & Furnaces)
SYRACUSE—Landers W. H. Co.
TROY—Burdett, Smith & Co. ("Aladdin")
Fuller & Warren Co. ("Stewart")
Gold Coin Stove Co.
UTICA—Giblin & Co.

NORTH CAROLINA.

GREENSBORO—Glascock Stove & Mfg. Co. (Cooking & Heating Stoves)

OHIO.

AKRON—Tapian-Rice-Clerkin Co. ("Climax" Stoves & Ranges)
ALLIANCE—Fuel Saver Stove Co.
ATHENS—Athens Stove Co.
BELLAIRE—Bellaire Stove Co. ("Star")
BELLEVUE—Conway Stove Co.
CINCINNATI—Bardes E. H. Range & Fdry. Co.
Fischer Wm. G. Stove & Range Co., 326 McFarland
Huenefeld Co. (Also Ranges, "Boss," "Uneeda," "Success" & "Selma")
Klaine F. A. & Co., Front & Central
Miller William Range & Furnace Co. ("Miller"), 7th & B'way
Monitor Stove Co. ("Monitor" Radiator Heating Stoves), C. H. & D. Ry., nr. Gest
Van John Range Co., 5th & B'way
CLEVELAND — Champion Stove Co. ("Champion" Interchangeable, Gas, Coal & Wood), 4001 W 25th
Cleveland Co.-Operative Stove Co. ("Grand"), 2323 E 67th
Dangler Stove Co. (Div. Amer. Stove Co.), 5017 Perkins av
New Process Stove Co. (Div. Amer. Stove Co.), 4415 Perkins av
Ohio Foundry Co., Div. of Am. Stove Co. ("Reliable"), E 71st & Stanton
Reliable Stove Co., 1787 E 40th
Republic Stove & Mfg. Co., 1802 E 40th
Superior Foundry Co. (Laundry), E 71st & W. & L. E. Ry.
Tinnerman Stove & Range Co., 2038 Fulton rd
COLUMBUS—Emrich C., 371 S High
Hertenstein M. Co., 1409 S High
Lattimer Stove Co. ("L. W." Stoves & Ranges)
Ohio State Stove Co.
Quad Stove Mfg. Co.
CRESTLINE—Schill Bros. Co.
DAYTON—Gem Stove Co.
Kramer Bros. Fdry. Co.
DELAWARE—Sun Ray Stove Co.
ELYRIA—Fox Furnace Co. (Furnaces, Ranges & Stoves "Forest City," "Cannon," "Star Oak," "Royal," "Princess," "Radiant")
FREMONT—Fremont Stove Co.
Lincoln Stove Co.
GALLIPOLIS—Thompson Francis Stove Co.
Treasure Stove Co.
HAMILTON—Estate Stove Co. ("Estate" Coal, Wood & Gas Stoves, Ranges & Furnaces)
HILLSBORO—Bell C. S. Co. (Heavy Heating & Caboose Mogul)
IRONTON—Foster Stove Co.
MANSFIELD—Eclipse Stove Co. (Stoves & Ranges)
MARTINS FERRY—Spence-Baggs Stove Co.
MASSILLON—Hess-Snyder Co. (Heating & Cooking, Boomer)
NEWARK—Wehrle Co. (Stoves & Ranges)
NEW PHILADELPHIA—Sharp Mfg. & Supply Co. ("Excelsior")
PIQUA—Piqua Favorite Stove & Range Co. ("Favorite")
PORTSMOUTH—Ohio Stove Co.
Portsmouth Stove & Range Co. ("Model," "Equity")
SALEM—Victor Stove Co. ("Victor" Coal & Gas)
TOLEDO—Toledo Stove & Range Co. "Gem" Stoves & Ranges)
ZANESVILLE—Jones Chas. H.
Weidig Foundry Co.

OKLAHOMA.

SAND SPRINGS—Tulsa Stove & Fdry. Co.
TULSA—Queen Bee Stove Co.

PENNSYLVANIA.

BEAVER FALLS—Howard Stove Co.
BOYERTOWN—Union Mfg. Co.
COLUMBIA—Keeley Stove Co. ("Columbian")
DANVILLE—Danville Stove & Mfg. Co. ("Beaver")
ERIE—American Beauty Stove Co.
Eriez Stove & Mfg. Co.
Germer Stove Co. ("Radiant Home")
Odin Stove Mfg. Co.
GIRARD—Lake Erie Foundry Co. ("Ruby")
JOHNSTOWN—Century Stove & Mfg. Co. (Gas)
LEHIGHTON—Crescent Stove & Mfg. Co.
Lehigh Stove Mfg. Co.
MIDDLETOWN—Wincroft Stove Works (Gas & Coal & "Wincroft" Ranges)
PHILADELPHIA—Caskey & Keen (Harmony Stove Wks.), 6th & Berks
Columbia Record Stove Co., 624 S 2nd
Cox Abram Stove Co. ("Fortune" & "Novelty"), American & Dauphin
Kappler-Fox Fdry Co., York & Thompson.
Liberty Stove Co., 308 Chestnut
Phila. Stove & Iron Foundry Co. (Furnaces, Stoves & Ranges), 1631 N 5th
Roberts & Mander Stove Co., Washington av & 11th
Sabin Frederick & Co., 237 N Bread
Sheppard Isaac A. & Co. ("Paragon," "Excelsior" Furnaces, Stoves & Ranges), Harrison bldg
Taylor F. W. & Son (Sheet Metal Ranges), 259 S 4th
PITTSBURGH—Stove & Range Co. of Pittsburgh (Stoves & Ranges), Preble av, nr Superior bridge
PITTSTON—Pittston Stove Co. ("Pittston," "Happy Thought," "Favorite," "New Enterprise," "Thrift," "Pocono," "Standard," "Magnet," "Cotton Wood," "Oakwood," "Redwood"), Dept. H

STOVE MFRS.—continued
PENNSYLVANIA—continued
POTTSTOWN — March-Brownback Stove Co. ("Globe" Ranges, etc)
Printz & Sevison
POTTSVILLE—Pottsville Fdry. & Stove Co.
QUAKERTOWN—Quakertown Stove Works
READING—Mt. Penn Stove Works
Prizer-Painter Stove Co. ("Prizer" Stoves, Ranges & Furnaces)
Reading Stove Works ("Sunshine" (Stoves, Ranges & Heaters)
ROCHESTER—Olive Stove Works
ROYERSFORD—Buckwalter Stove Co. (Ranges, "Canopy," "Apollo," etc)
Floyd-Wells Co.
Grander Stove Co. (Stoves, Portable & Brick Set Ranges, Heaters, etc)
SCRANTON—Scranton Stove Works ("Dockdash")
SINKING SPRING—Manufacturers Fdry. Co.
SPRING CITY—Keystone Stove Foundry (Ranges, Heaters, etc)
Penn Stove & Range Co.
WARREN—Pennsylvania Furnace & Stove Co.

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

TENNESSEE.

CHATTANOOGA—Mascot Stove Mfg. Co.
Mountain City Stove & Mfg. Co. ("Southern Queen")
Price-Evans Fdry Co. ("Coal King")
Tennessee Stove Works
Vesta Gas Range & Mfg. Co. ("Vesta")
CLEVELAND — Hardwick Stove Co (Sunny South")
KNOXVILLE—Fair Foundry Co.
Knox Stove Works
LEWISBURG—Lewisburg Stove Co.
MEMPHIS—Wetter H. Mfg. Co. (Stoves, Ranges, etc) Works: S Pittsburgh, Tenn
NASHVILLE—Allen Mfg. Co. ("Washington" Stove & Ranges)
Gray & Dudley Hardware Co. ("Washington," "Black Imp," "Our Clipper," "Hermitage" Steel & Gray Iron Stoves & Ranges)
Phillips & Buttorff Mfg. Co.
SOUTH PITTSBURGH—Lodge Mfg. Co.
Wetter H. Mfg. Co.

VIRGINIA.

RICHMOND—Cameron Stove Co.
Richmond Stove Co., 2506 E Main
Southern Stove Works ("Tip Top")
WAYNESBORO—Loth W. J. Stove Co.

WASHINGTON.

EVERETT—Washington Stove Works
SEATTLE—Lang F. S. Mfg. Co.
Puget Stove & Range Co.
TACOMA—Pioneer Stove & Stamping Co.

WEST VIRGINIA.

HUNTINGTON—Huntington Stove & Fdry Co.
West Va. Foundry & Stove Co.
WHEELING—Wheeling Stove & Range Co.

WISCONSIN.

BEAVER DAM—Malleable Iron Range Co. ("Monarch")
GRAFTON—Jungers Stove & Range Co.
MILWAUKEE — Fuller-Warren Co. (Ranges, Stoves, etc.) 32nd & Wright
Lindemann A. J. & Hoverson Co. (Stoves, Ranges, etc)
Milwaukee Stove & Heater Co., 100 W Water
NEENAH—Bergstrom Stove Co.

14392a—*Stove Pattern Mfrs.

CLEVELAND CASTINGS PATTERN CO., 1930 E 61st, Cleveland, Ohio
See adv index at end of book

14393—Stove Pipe & Elbow Mfrs.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cleveland Elbow Mfg. Co., 1615 Merwin, N. W., Cleveland, O.
Crunden, Martin Mfg. Co. ("Economy," "Pioneer," "Monarch," "Sampson" Iron), 2d & Gratiot, St. Louis, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Dieckmann Ferdinand Co., 1182 Harrison av, Cincinnati, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Empire Metal Tank Works, E. Rochester, N. Y.
Empire Tin Ware Co., 29 S 5th, B'klyn, N. Y.
Excelsior Steel Co., 118 S Clinton, Chicago, Ill.
Excelsior Stove & Mfg. Co., Cambridge, Mass.
Follansbee Bros. Co. ("Security"), Pittsburgh, Pa.
Geisel A. Mfg. Co. ("Economy," "Rival," "Noxall" Stove Pipe), 219 S 2nd, St. Louis, Mo.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Grinberg Bros., 154 South, New York
Hemp & Co. ("Yale," "Duplex," "Can't Slip," "Peerless," "Battle Ax," "Galvano"), Vandeventer, nr Shaw, St. Louis, Mo.
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Howes S. M. Co., 42 Union, Boston, Mass.
Jackes-Evans Mfg. Co. ("Easylock," "Perfection," "Champion Lock," "Crescent"), Main & Tyler, St. Louis, Mo.
Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
Lamneck W. E. Co., W 5th av & H. V. R. R., Columbus, Ohio
Letts E. M. (Machinists "O-H" One Piece) Waverly, N. Y.
Lyon, Conklin & Co., ("Lyon," "Tiger"), 19 Balderston, Baltimore, Md.
Mager & Newman Tinware Co., 160 Monroe, New York
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Mertz John Mfg. Co., Sandusky, O.
Meuer Geo. C. Co., 22 Clay, Brooklyn, N. Y.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., 411 5th av, New York
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
Niles Iron & Steel Roofing Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co. (The), Buffalo, N. Y.
Richmond Stove Co., 2506 E Main, Richmond, Va.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sheet Metal Mfg. Co., Niles, O.
Sheet Metal Specialty Co. (Nested), Follansbee, W. Va.
Stratton & Terstegge Co. (Pipe), 15th & Main, Louisville, Ky.
Wehrle Co., Newark, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

14394— Stove Polish

A. B. Polish Co. ("A. B. Brilliant King"), 1515 Haddon av, Chicago, Ill.
Bettes A. O. Mfg. Co. ("Ideal"), 1208 E 12th, Kansas City, Mo.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Black Silk Stove Polish Works ("Black Silk"), Sterling, Ill.
Cambria Paint & Color Co. (Ltd.), ("Sherman's" Liquid), Dept. H, Johnstown, Pa.
Chase, Roberts & Co. ("Nev.-A.-Burn"), West av, Long Island City, N. Y.
Colebrook's W. H. Sons (Black Flag), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Crow Stove Polish Co. (Crown), 2520 Galena, Milwaukee, Wis.
Dixon Joseph Crucible Co. ("Dixon's," "Carburet of Iron"), Jersey City, N. J.
International Metal Polish Co., ("Blue Ribbon") Quill & Belt Ry., Indianapolis, Ind.
Martin & Martin ("E-Z"), 3005 Carroll av, Chicago, Ill.
Michigan Stove Co. ("Garland," Paste, etc), Adair & Jefferson, Detroit, Mich.
Nickel Plate Stove Polish Co. ("Black Kid," "Eagle," "Black Jack"), 362 E Illinois, Chicago, Ill.
Parlor Pride Mfg. Co ("Parlor Pride"), N. Andover, Mass.
Prescott J. L. Co. ("Enameline"), 92 W B'way, New York
Rath Mfg. Co. ("Imperial"), Hedley E of Richmond, Phila., Pa.
Rutland Fire Clay Co. (("Rutland"), Rutland, Vt.
Satin Gloss Polish Co., Portland, Me.
Stinson B. F. & Co. ("Easy Bright"), Buffalo, N. Y.
Utility Co. ("Uko"), 636 W 44th, New York
United States Graphite Co., Saginaw, Mich.
Williams Stove Lining Co. (Liquid & Paste, "Eagle Paste") Taunton, Mass.
Wolf John M. Co. ("Black Flag"), 742 Flushing av, Brooklyn, N. Y.

14395— Stove Trimmings

Adams Co., Dubuque, Ia.
American Tube & Stamping Co. (Nickel-Plated Steel Stove Edge), Bridgeport, Conn.
Arcade Mfg. Co. ("Standard Adjustable," "Perfect" Steel, "Balzan" Steel), Freeport, Ill.
Co-operative Foundry Co. (Enameled Stove Parts), Rochester, N. Y.
See adv index at end of book
Enamel Products Co. (Enameled Stove Parts), Eddy rd & Taft av, Cleveland, Ohio
Erie Metal Products Co., Erie, Pa.
Fanner Mfg. Co. ("Arctic"), Cleveland, O.

WE ENAMEL
GENUINE COPCO ENAMEL
(Porcelain Enamel)
ON CAST IRON AND STEEL
CO-OPERATIVE FOUNDRY CO.
Rochester, N. Y.

Ireland & Matthews Mfg. Co., Chatfield & Beard, Detroit, Mich.
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Malleable Iron Range Co. (Shelves & Closets for Hotel Ranges), Beaver Dam, Wis.
Matthews H. A. Mfg. Co., Seymour, Conn.
Matthews Mfg. Co. (Knobs, Hinge, Pins, Urns, etc), 104 Gold, Worcester, Mass.
N. Y. Nickel Plating & Mfg. Co., 327 E 63d, New York
Stover Mfg. & Engine Co. (Handles, Knobs, Hinge Pins, etc), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Vitreous Enameling Co. (Enameled Stove Parts), Grant av, Cleveland, O.
See adv index at end of book



Wehrle Co., Newark, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

14396— Stoves (Acetylene)

Acetylene Stove Mfg. Co., 1265 W 2nd, Cleveland, O.
Colt J. B. Co., 30 E 42d, New York

14397— Stoves (Air Tight)

Duluth Corrugating & Roofing Co., Duluth, Minn.
Keeley Stove Co., ("Columbian"), Columbia, Pa.
Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
Richmond Stove Co., Richmond, Va.
Southern Stove Works ("Tip Top"), Richmond, Va.

14398— Stoves (Alcohol)

Bing John (Imported), 381 4th av, New York
Buffalo Mfg. Co. (Burning Denatured Alcohol), Buffalo, N. Y.
Dangler Stove Co., 5017 Perkins av, ("Dangler"), Cleveland, O.
Durkee Chas. D. & Co., 2 South, New York
Houchin Thos. W. Co. ("Houchin's," "Sunburst"), 36 E 12th, New York
Howler Mfg. Co. (Denatured), Cleveland, Ohio
Lynd L. E. Mfg. Co., Mechanicsville, N. Y.
Manning-Bowman & Co., Meriden, Conn.
Quincy Foundry & Novelty Co. ("Noxall" Denatured), Quincy, Ill.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Sweeney W. H. Mfg. Co. ("Meteor"), 30 Main, Brooklyn, N. Y.
Theroz Co. ("Theroz"), 233 B'way, New York

14399—Stoves (Alcohol Vapor)

Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning-Bowman & Co., Meriden, Conn.
Rochester Stamping Co., Rochester, N. Y.
Sternau S. & Co., 9 E 37th, New York

14400—Stoves (Bakers' Gas)

Hoerlein F. G. ("Hoerlein"), 200 Nostrand av, Brooklyn, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Watkins Jas. Y. & Son, 20 Catherine, New York

14401— Stoves (Brass Founders' Drying)

Barnett Oscar Foundry Co. (Round & Square), Irvington, N. J.

14402— Stoves (Brooder)

Simplex Brooder Stove Co., Grand Rapids, Mich.

14403— Stoves (Caboose)

Bell C. S. Co. (Also Heavy Heating), Hillsboro, O.
Buda Co. ("Volcano," "Lewis"), Railway Exchange bldg, Chicago, Ill.
Fuller-Warren Co., ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Gray & Dudley Hardware Co. ("Nebo"), Nashville, Tenn.
Green's Car Wheel Mfg. Co. ("Cannon"), 3000 N B'way, St. Louis, Mo.
Jewett & Co., Buffalo, N. Y.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Ross-Meehan Foundries, Chattanooga, Tenn.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Sexton S. B. Stove & Mfg. Co., 500 W Conway, Baltimore, Md.
Southern Stove Works ("Tip Top"), Richmond, Va.
Stove & Range Co. of Pittsburgh, Preble av nr Superior Bridge, Pittsburgh, Pa.
United Iron Works, Inc., Kansas City, Mo.

14404— Stoves (Camp)

AMERICAN GAS MACHINE CO., INC. (& Camp Utensils "Kampovens" Kero-Kook), Albert Lea, Minn.; & 78 Reade, New York
Baxter W. E. Mfr. (Portable), Louisville, Ky.
Cree D. W., Griggsville, Ill.
Crider E. I. & Son, Silex, Mo.
Dutwiler M. E., Los Angeles, Cal.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Kuder Chas V. & Co., 5315 Wentworth av, Chicago, Ill.
Quad Stove Mfg. Co. ("Quad"), Columbus, Ohio
Richmond Stove Co., 2506 E Main, Richmond, Va.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Southern Stove Works ("Tip Top"), Richmond, Va.
Theroz Co. ("Theroz" Alcohol), 233 B'way, New York
Wehrle Co., Newark, O.

14405-6— Stoves (Car)

Buda Co. ("Volcano," "Lewis," "Giant," Caboose & Station), Railway Exchange bldg, Chicago, Ill.
Germer Stove Co. ("Radiant," Car Furnace), Erie, Pa.
Jewett & Co., Buffalo, N. Y.
Michigan Stove Co., Adair & Jefferson, Detroit, Mich.
Murray Iron Works Co., Burlington, Ia.
Peninsular Stove Co., Detroit, Mich.
Richmond Stove Co., Richmond, Va.

14407—Stoves (Combination Coal & Gas)

Christie B B. (Gas), Dayton, O.
Cox Abram Stove Co. ("Novelty"), American & Dauphin, Phila., Pa.
Co-Operative Foundry Co., Rochester, N. Y.
See adv index at end of book
Favorite Stove & Range Co. ("Favorite"), Piqua, Ohio
Floyd-Wells Co. ("Bengal"), Royersford, Pa.
Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.
Jewett & Co., Buffalo, N. Y.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Malleable Iron Range Co. ("Monarch" Hotel), Beaver Dam, Wis.
Prizer Painter Stove Co. ("Prizer"), Reading, Pa.
Reading Stove Works (Orr, Painter & Co.) ("Sunshine") Reading, Pa.
Sheppard Isaac A. & Co., Harrison bldg, Phila., Pa.

14408—Stoves (Confectioners')

Meek Oven Mfg. Co., Newburyport, Mass.
Mount Penn Stove Works, Reading, Pa.
Peninsular Stove Co., Detroit, Mich.
Watkins Jas. Y. & Son, 20 Catherine, New York

14409— Stoves (Electric)

See also Ranges, Electric

Caloric Co., Janesville, Wis.
Copeman Electric Stove Co. ("Copeman" Automatic), Flint, Mich.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
Fox Elec'l Corp., 119 W 52nd, New York
Landers, Frary & Clark, New Britain, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Russell Elect. Co. ("Hold-Heet" Grill), 140 W Austin, Chicago, Ill.
Rutenber Electric Co., Marion, Ind.
Shaler C. A. Co. ("Shaler" Electric), Waupun, Wis.
Standard Stamping Co. ("Armstrong" Table), Huntington, W. Va.

14410—Stoves (Electric Disc)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Shaler C. A. Co., Waupun, Wis.

14410a—*Stoves (Enameled)

Co-Operative Foundry Co., Rochester, N. Y.
See adv index at end of book

14411— Stoves (Franklin)

Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York
See adv index at end of book
Richmond Stove Co., Richmond, Va.

14412— Stoves (Galley)

Stamford Foundry Co. ("Shipmate"), Stamford, Conn.

14413— Stoves (Gasoline)

A. B. Stove Co., Battle Creek, Mich.
American Stove Co. ("Quick Meal," "Jewell," "Reliable," "Dangler," "New Process," "National"), 827 Chouteau av, St. Louis, Mo.
Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.
Detroit Foundry Co. ("Sun"), 1 E Gd blvd & Respello, Detroit, Mich.
Detroit Vapor Stove Co., 1633 Kercheval, Detroit, Mich.
Excelsior Stove & Mfg. Co. ("Monarch"), Quincy, Ill.
Insurance Foundry Co., Covington, Ky.
King Light Co., Peoria, Ill.
National Stove Co. (American Stove Co.), Lorain, O.
Rutherford J. & Son, Akron, O.
Schneider & Trenkamp Co. ("Reliable" Vapor, etc), Cleveland, O.
Tures Mfg. Co., 394 6th, Milwaukee, Wis.
Wehrle Co. Newark, O.

14414—Stoves, Heaters & Ranges (Gas)

A. B. Stove Co. ("New Idea" Ranges), Battle Creek, Mich.
Abendroth Bros. ("York" Ranges; also Coal), Port Chester, N. Y.
Acme Stove & Range Co., Carnegie, Pa.
Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.
American Beauty Stove Co. ("American Beauty"), Erie, Pa.
American Foundry & Machine Co., Hamilton, O.
American Stove Co. ("Quick Comfort" Heaters, "Quick Meal," "Reliable" & "Jewell" "National" & "New Process" Stoves), 827 Chouteau av, St. Louis, Mo.
Anchor Stove & Range Co. ("Anchor," Ranges & Heaters), New Albany, Ind.
Anderson Gas Appliance Co. (Stoves), Anderson, Ind.
Art Stove Co., Russell & Milwaukee, Detroit, Mich.
Baker Stove Works, Belleville, Ill.
Baltimore Gas Appliance & Mfg. Co. ("Oriole"), Bayard & Hamburg, Baltimore, Md.
Bardes E. H. Range & Foundry Co., Cincinnati, O.
Barstow Stove Co., 116 Point, Providence, R. I.
Bauch Walter (Gas Stoves), 8651 Vincennes rd, Chicago, Ill.
Bellaire Stove Co., Bellaire, O.
Belleville Stove & Range Co. ("St. Clair" Ranges), Belleville, Ill.
Best Stove Co. (Ranges), 39 Atwater E, Detroit, Mich.
Block I. & Son, 393 Pearl, New York
Boston Stoves Foundry Co., 210 Border, Boston, Mass.
Boynton Furnace Co. (& Coal), ("Newport"), 106 W 37th, New York
Brooks Burner Stove Co., Ardmore, Okla.
Bucks Stove & Range Co., 3500 N 2d, St. Louis, Mo.
Buffalo Co-Operative Stove Co. ("Amherst" Ranges), Buffalo, N. Y.
Central Oil & Gas Stove Co. (No Ranges), Gardner, Mass.
Century Mfg. Co. (Gas Stoves), 453 Canal, New York
Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.
Chambers Mfg. Co., Shelbyville, Ind.
Champion Stove Co., 4001 W 45th, Cleveland, O.
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.
Charpiot & Mills Mfg. Co., Toledo, O.
Clark Geo. M. & Co. ("Clark Jewel"), 179 N Michigan av, Chicago, Ill.
Columbia Gas Stove Co., Huntington, W. Va.
Continental Brass & Foundry Co., 21 S 4th, St. Louis, Mo.
Co-Operative Foundry Co. ("Red Cross" & Coal), Rochester, N. Y.
See adv index at end of book
Cox Abram Stove Co. ("Fortune," "Novelty" Ranges), American & Dauphin, Phila., Pa.
Crane Wm. M. Co. ("Vulcan" Stoves, Heaters & Ranges), 16 W 32d, New York
Culter & Proctor Stove Co. ("Peoria" Heaters, "Lexington" Ranges), Peoria, Ill.
Dangler Stove Co. ("Gem"), 5017 Perkins av, Cleveland, O.
Daniels Geo. A., 100 William, New York
Danville Stove & Mfg. Co., Danville, Pa.
Detroit Heating & Lighting Co. (Stoves & Ranges), Lieb & Wight, Detroit, Mich.
Detroit Stove Works ("Detroit Jewel" Stoves & Ranges), 6900 East Jefferson av, Detroit, Mich.
Detroit Vapor Stove Co., 1633 Kercheval, Detroit, Mich.
Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.
Economy Stove Co. ("Economy" Ranges), 2108 Superior, Cleveland, O.
Eclipse Stove Co. ("Eclipse" "Premo"), Mansfield, O.
Ephrata Stove Wks., Ephrata, Pa.
Eriez Stove & Mfg. Co. ("Hottentot," "Eriez," "Ideal," "Utility" & "Indian Queen" Ranges, also Heaters), Erie, Pa.
Estate Stove Co. ("Estate"), Hamilton, O.
Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.
Favorite Stove & Range Co. ("Favorite" Ranges), Piqua, O.
Florence Mfg. Co. (Stoves & Heaters), Florence, Mass.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Fuller & Warren Co. ("Stewart" Ranges), Troy, N. Y.
Galusha Stove Co., Rochester, N. Y.
Gem City Stove Mfg. Co., Quincy, Ill.
General Gas Appliance Co., 103 Park av, New York
Germer Stove Co. ("Radiant Home" Heaters & Ranges), Erie, Pa.
Great Western Stove Co., Leavenworth, Kas.
Grinberg Bros., 154 South, New York
Heath Stove & Heating Co., 503 W Franklin, Baltimore, Md.
Heating Supply & Repair Co. (Range), Elizabeth, N. J.
Hoerlein F. G. (Bakers' Gas Stoves), 200 Nostrand av, Bklyn., N. Y.
Howard Stove Co., Beaver Falls, Pa.
Huenefeld Co. ("Boss" Ranges), Cincinnati, O.
Independent Register & Mfg. Co., 713 Frankfort, Cleveland, O.
Iron City Stove & Fdry. Co., Bristol, Va.
Ironton Incandescent Light & Supply Co., Ironton, Ohio
Jamestown Gas Stove Corp., Corry, Pa.
Jewett & Co., Buffalo, N. Y.
Joplin Stove Co., Joplin, Mo.
Kalamazoo Stove Co. ("Kalamazoo" Ranges), Kalamazoo, Mich.
Kaufman A. G. Mfg. Co. ("Radion" Portable Gas Jet, Heater & Cooking Stove), 210 5th av, New York
Klaine F. A. Co. ("Good Will" Ranges), Front & Central, Cincinnati, O.
Lawson O. P. Co. ("Palace," "Luxury," "Venus," "Flora," "Radium," "Radix," "Fairy" Radical Gas Heaters), Homestead, Pa.
Lindeman A. J. & Hoverson Co. (Ranges), Milwaukee, Wis.
Lynott Stove & Churn Wks., Louisiana, Mo.
Magee Furnace Co., 38 Union, Boston, Mass.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Malleable Iron Range Co. ("Monarch"), Beaver Dam, Wis.
Malleable Steel Range Mfg. Co. (Gas Stoves), South Bend, Ind.
Manhattan Gas Heating Co. ("Manhattan"), 909 7th av, New York
Mentels (The), (Stoves), Springfield, O.
Michigan Stove Co. ("Garland," also Appliances), Adair & Jefferson, Detroit, Mich.
Miller Wm. Range & Furnace Co. ("Miller" Ranges), 7th & B'way, Cincinnati, O.
Monitor Stove Co. ("Monitor" Ranges), C. H. & D. Ry, nr Gest, Cincinnati, O.
Mott J. L. Iron Works, Trenton, N. J.
National Stove Co. (Am. Stove Co.), Lorain, O.
Naylor Bros., Peekskill, N. Y.
New Method Co. (For Manufactured or Natural Gas Heating & Cooking), Mansfield, O.
New Process Stove Co., 4415 Perkins av, Cleveland, O.
Novelty Mfg. Co. (Heaters Only), Jackson, Mich.
Noyes & Nutter Mfg. Co., Bangor, Me.
Odin Stove Mfg. Co. (Cooking "Royal," "Rival," "Modern," "Erie," "Gem," "Viking"), Erie, Pa.
Ohio State Stove Co. ("Ossco" Stoves), Columbus, O.
Olive Stove Works, Rochester, Pa.
Peerless Stove & Mfg. Co. ("Peerless"), Columbus, O.
Peninsular Stove Co., Detroit, Mich.
Penna Furnace & Stove Co. ("Penna" Stoves Only), Warren, Pa.
Pioneer Stove & Stamping Co., Tacoma, Wash.
Portsmouth Stove & Range Co., Portsmouth, O.
Progress Furnace Co., Springfield, O.
Quad Stove Mfg. Co. ("Quad" Ranges), Columbus, O.
Queen Bee Stove Co., Tulsa, Okla.
Rathbone Sard & Co. ("Acorn"), Albany, N. Y.

STOVES, HEATERS & RANGES (GAS)—continued

Reliable Stove Co. Div. of American Stove Co. ("Reliable" Ranges, Heaters, Stoves & Gas Water Heaters), 1782 E 40th, Cleveland, O.
Republic Stove & Mfg. Co. ("Republic" Ranges), 1802 E 40th, Cleveland, O.
Reznor Mfg. Co. (Gas Stoves), Mercer, Pa.
Roberts & Mander Gas Stove Co. ("Quality" Ranges), Wash'n av, c S 11th, Phila., Pa.
Royal Stove Co. (Gas Stoves), Spring City, Pa.
Rutherford J. & Son, Akron, O.
St. Paul Gas Appliance Co., St. Paul, Minn.
Sanitary Heating Co. ("Solar Ground"), 233 37th, B'klyn, N. Y.
Sanitary Stove Mfg. Co. (Stoves), Benton, Ill.
Schuyler W. S. (Stoves), Savannah, Mo.
Scranton Stove Works ("Dockash" Ranges), Scranton, Pa.
Sexton S. B. Stove & Mfg. Co. (Stoves & Ranges), 500 W Conway, Baltimore, Md.
Sheppard Isaac A. & Co. ("Imperial Excelsior" Ranges), Harrison bldg, Phila., Pa.
Sheridan Stove Co. (Natural Gas), Quincy, Ill.
Sill Stove Works ("Sterling" Gas & Coal Ranges, Warm Air Harness), Rochester, N. Y.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Slattery J. B. & Bros. (Stoves), 108 Lawrence, Brooklyn, N. Y.
Smith & Anthony Co. ("Hub" Ranges), 52 Union, Boston, Mass.
Somersworth Foundry Co., Salmon Falls, N. H.
Southard-Robertson Co. ("Magnetic" & "Waldorf"), 25H Water, New York
Spence-Baggs Stove Co., Martins Ferry, O.
Stamford Gas Stove Co., Stamford, Conn.
Standard Furnace & Range Co., Louisville, Ky.
Standard Range & Stove Co., 32 Union, Boston, Mass.
Star Foundry Co., Covington, Ky.
Stove & Range Co. of Pgh. (Stoves, Heaters & Ranges), Preble av nr Superior bridge, Pittsburgh, Pa.
Strand Heater & Mfg. Co. ("Strand" Gas Heater), 7804 Wade pk, Cleveland, O.
Summit Foundry Co. ("Summit"), Geneva, N. Y.
Summit Stove Wks., Morrison, Ill.
Taplin, Rice, Clerkin Co., Akron, O.
Thomas Oscar G. Co., Taunton, Mass.
Toledo Stove & Range Co., Toledo, O.
Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, O.
Union Mfg. Co., Boyertown, Pa.
Union Stove Works ("Astor" Radiator), 70 Beekman, New York
Van Zandt Gas Appliance Co. (Stoves & Heaters), 4050 Olive, St. Louis, Mo.
Vesta Gas Range & Mfg. Co. (Stoves & Ranges), Chattanooga, Tenn.
Victor Stove Co., Salem, O.
Walker & Pratt Mfg. Co. ("Crawford" Ranges), 31 Union, Boston, Mass.
Waterman & Bro. (Gas Stoves), 195 Lewis, New York
Wehrle Co. (Ranges & Stoves), Newark, O.
Weir Stove Co. ("Glenwood" Ranges), Taunton, Mass.
Wetter H. Mfg. Co., S Pittsburgh, Tenn.
White Thos. Stove Co. ("Bacon"), Quincy, Ill.
White-Warner Co. ("Household" Ranges), Taunton, Mass.
Wilson Stove & Mfg. Co., Easton, Pa.
Wincroft Stove Works ("Wincroft" Ranges, Gas & Coal), Middletown, Pa.
Wood S. L., 1249 S Figueroa, Los Angeles, Cal.
Wybel Stove & Chandelier Co. (Gas Stoves), Akron, O.

14415— Stoves (Hot Blast)

American Stove Co., 827 Chouteau, St. Louis, Mo.
Amsler Morton Co. (For Gas or Air), Hoboken, Pa.
Cole Mfg. Co., 3218 S Western av, Chicago, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Co-operative Foundry Co., Rochester, N. Y.
See adv index at end of book
Foster Stove Co., Ironton, O.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Gray & Dudley Hardware Co. ("Washington," "Gray," "Grand," & "Pet Oak"), Nashville, Tenn.
Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
Kalamazoo Stove Co., Kalamazoo, Mich.
McClure G. W. Son & Co. ("McClure"), Bessemer bldg, Pittsburgh, Pa.
McKee Arthur G. & Co., 2422H Euclid av, Cleveland, Ohio
Meehan Boiler & Construction Co., Lowellville, O.
Mohr John & Sons, 96th & Calumet River, Chicago, Ill.
Olive Stove Works, Rochester, Pa.
Peninsular Stove Co., Detroit, Mich.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Portsmouth Stove & Range Co., Portsmouth, O.
Quality Stove & Range Co., Belleville, Ill.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Smythe S. R. Co., 2022H Oliver bldg, Pittsburgh, Pa.
Southern Stove Works ("Tip Top"), Richmond, Va.
Traylor Engineering Co. ("Traylor," U-Pipe-for Smelting), Allentown, Pa.
See adv index at end of book

14416— Stoves (Laundry)

American Stove Co. ("Quick Meal," "Jewell" & "Reliable" Gas), 827 Chouteau, St. Louis, Mo.
Belleville Stove & Range Co., Belleville, Ill.
Berkheimer & Lammers (Ranges & Heaters), Greenville, O.
Bibb B. C. Stove Co. ("Bibb"), 109 Light, Baltimore, Md.
Chicago Dryer Co. ("Chicago" Gas or Coal), 630 S Wabash av, Chicago, Ill.
Cox Abram Stove Co., American & Dauphin, Phila., Pa.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Detroit Stove Works ("Detroit Jewel"), 6900 East Jefferson av, Detroit, Mich.
Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
Eclipse Stove Co., Mansfield, O.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Fuller & Warren Co. ("Stewart"), Troy, N. Y.
Fuller & Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Glascock Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.
Globe Stove & Range Co., Kokomo, Ind.
Gray & Dudley Hardware Co. ("Rex," "Western," "Bob" & "Pet"), Nashville, Tenn.
Illinois Malleable Iron Co. ("Imico" Heater), 1801 Diversey blvd, Chicago, Ill.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Kalamazoo Stove Co., Kalamazoo, Mich.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Magee Furnace Co., 38 Union, Boston, Mass.
Mahoney Mfg. Co., Troy, N. Y.
Malleable Iron Range Co. ("Monarch"), Beaver Dam, Wis.
Malleable Steel Range Mfg. Co., South Bend, Ind.
Michigan Stove Co. ("Garland"), Adair & Jefferson, Detroit, Mich.
Miller Wm. Range & Furnace Co., 125 E 5th, Cincinnati, O.
Olive Stove Works, Rochester, Pa.
Peninsular Stove Co., Detroit, Mich.
Pierce, Butler & Pierce Mfg. Corp. ("Little Giant"), 437 E 162d, New York
Prudential Heater Co. ("Prudential"), Louisville, Ky.
Pueblo Brass & Iron Foundry, Pueblo, Col.
Reliable Stove Co. Division of American Stove Co. ("Reliable" Gas), 1787 E 40th, Cleveland, O.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Sexton S. B. Stove & Mfg. Co., 500 W Conway, Baltimore, Md.
Sheppard Isaac A. & Co., Harrison bldg, Phila., Pa.
Southern Stove Works ("Tip Top"), Richmond, Va.
Sperry D. R. & Co. ("Centennial"), Batavia, Ill.
Superior Foundry Co, 71st & W. & L. E. Ry., Cleveland, O.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Treaty Co., Greenville, O.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Union Mfg. Co. Inc., Boyertown, Pa.
Union Stove Works, 70 Beekman, New York
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
Wehrle Co., Newark, O.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

14417— Stoves (Masons')

Drouve G. Co., 40 Tulip, Bridgeport, Conn.
Littleford Bros., 444 E Pearl, Cincinnati, O.

14418— Stoves (Mogul)

Bell C. S. Co., Hillsboro, Ohio

Stoves (Oil)

See Stoves & Heaters, Oil

Stoves (Plasterers')

See Salamanders

Stoves (Sand Drying)

See Sand & Gravel Heaters & Dryers

Stoves (Toaster, Electric)

See Toasters

14419— Stoves (Wood)

Bellaire Stove Co., Bellaire, Ohio
Bibb B. C. Stove Co. ("Puck," "Yule Box," "Hemlock," "Grand Oak," "Druid," "Wildfire," "Witch," "Trilby," "Wizard," Air-Tight), 109 Light, Baltimore, Md.
Birmingham Stove & Range Co., Birmingham, Ala.
Bucks Stove & Range Co., 3500H N 2nd, St. Louis, Mo.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Globe Stove & Range Co., Kokomo, Ind.
Gray & Dudley Hardware Co. (Heating & Cooking, "Geo. Washington," "Grand," "Reba," "Washington," "Clipper," "Togo"), Nashville, Tenn.
Jewett & Co., Buffalo, N. Y.
Kalamazoo Stove Co., Kalamazoo, Mich.
Keeley Stove Co. ("Columbian") Columbia, Pa.
Knox Stove Works, Knoxville, Tenn.
Michigan Stove Co. ("Garland" Coal & Wood), Adair & Jefferson, Detroit, Mich.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Southern Stove Works ("Tip Top"), Richmond, Va.
Spence-Baggs Stove Co., Martins Ferry, O.
Stratton & Terstegge Co., 15th & Main, Louisville, Ky.
Tenn. Stove Works, Chattanooga, Tenn.
Union Stove Works (Coal & Wood), 70 Beekman, New York
Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.

14420—Stoves & Heaters (Oil)

American Stove Co. ("Quick Meal," "Reliable," "New Process"), 827 Chouteau av, St. Louis, Mo.
Anthony Co., 138 West av, Long Island City, N. Y.
Barler A. C. Mfg. Co. ("Barler Ideal"), 341 E Ohio, Chicago, Ill.
Block I. & Son, 393 Pearl, New York
Central Oil & Gas Stove Co. ("Florence," "Central," "Light House"), Gardner, Mass.
Clayton & Lambert Mfg. Co. (Crude Oil Heaters), 10565 Knodell av, Detroit, Mich.
Cleveland Metal Products Co. ("New Perfection") (Cooking or Heating), 7609 Platt av & C. & P. R. R., Cleveland, Ohio
Coen Co., 112 Market, San Francisco, Cal.
Cranford Oilstove Works, Cranford, N. J.
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Detroit Foundry Co. ("Sun"), 1 E Grand blvd & Reopelle, Detroit, Mich.
Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.
Florence Mfg. Co. (Stoves), Florence, Mass.
Grinberg Bros. ("Eagle"), 154 South, New York
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y.
See adv index at end of book
Miller Edw. & Co. ("Miller" Kerosene Heaters), Meriden, Conn.
National Enameling & Stamping Co., 411 5th av, New York
National Stove Co. (American Stove Co.), Lorain, O.
Novelty Mfg. Co. ("Alumino & Electric"), Jackson, Mich.
Oliver Oil-Gas Burner & Mach. Co. ("Oliver"), Dept. H, 21st & Pine, St. Louis, Mo.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y.
Otto Wm. H. Metal Goods Corp. ("Khotal," Kerosene), Jersey City, N. J.
Rathbone, Sard & Co. (Acorn), Albany, N. Y.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Taylor & Boggis Fdry Co ("Summer Girl," "Game," "Magic," "Game Junior" "Pacific" Stoves Only), 1913 W 3rd, Cleveland, O.
Turner Brass Works ("Nowik" Oil Heater), Sycamore, Ill.
Waterman Henry & Bro. (Stoves Only), 195 Lewis, New York
Wheeling Stove & Range Co., Wheeling, W. Va.
Witt G. E. Co. (Heaters Only), 862 Howard, San Francisco, Cal.

14421— Straight Edges

Athol Mach. & Foundry Co. (Steel Hardened & Ground), Athol, Mass.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Brown & Sharpe Mfg. Co. (Cast Iron, Knife Edge, Steel Hardened & Ground), Providence, R. I.
Covel Mfg. Co. (Saw), Benton Harbor, Mich.
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. ("Mass. Tool Co."), Greenfield, Mass.
Hub Machine Welding & Contracting Co. (Cast Iron), 450 N 12th, Phila., Pa.
Keuffel & Esser Co. (Steel Flexible), Hoboken, N. J.
Oldham New York Saw Works, 112 86th, Brooklyn, N. Y.
Pratt & Whitney Co. (Knife Edge), Hartford, Conn.
Sawyer Tool Mfg. Co. (Steel Hardened & Ground), Ashburnham, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE) Steel, Hardened & Ground), Athol, Mass.
See adv index at end of book
Vulcan Tool Mfg. Co., Quincy, Mass.

14422— Straighteners & Cutters (Core Wire)

Lewis Machine Co., 6303 Central, Cleveland, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

14423— Strainers (Air)

Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Wright Austin Co. ("Wright"), 97 Woodbridge, Detroit, Mich.

14424— Strainers (Cesspool)

Acheson Mfg. Co., Rankin, Pa.
See adv index at end of book
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Trenton Brass & Machine Co. (Brass), Trenton, N. J.

Strainers (Coffee)

See Strainers, Tea & Coffee

14425—Strainers (Conductor & Eave Trough)

Alberne Stove Co., 223 E 23d, New York
Andrews Wire & Iron Works, Rockford, Ill.
Berger Mfg. Co., Canton, O.
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Hamblin & Russell Mfg. Co. (Galv. Wire), Worcester, Mass.
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Lamb & Ritchie Co., Cambridge, Mass.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
Meyers F. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Parker Wire Goods Co., Worcester, Mass.
Racine Iron & Wire Wks., Racine, Wis.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Young Mfg. Co., Bellevue, Ia.

14426— Strainers (Cup)

Hauptman A., 23 Leonard, New York

14427— Strainers (Floor)

Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
National Brass Mfg. Co., Rochester, N. Y.

14428-9—Strainers (Fruit)

Tate Mfg. Co. ("Just-the-thing"), Strainer & Jelly Bag Combined), 48 Hanover, Boston, Mass.

14429a— Strainers (Gasoline)

Bousman Mfg. Co., Grand Rapids, Mich.
Breeze Carburetor Co. ("Breeze"), 250 South, Newark, N. J.
Buckeye Iron & Brass Works, Dayton, O.
Carter Carburetor Co. ("Carter"), 2840 N Spring, St. Louis, Mo.
Denver Auto Goods Co., Denver, Colo.
Generator Valve Co., 47 Dinsmore pl., Brooklyn, N. Y.
Geuder, Paeschke & Frey Co. (& Separators), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Gleason-Peters Air Pump Co., 384 Classon av, Brooklyn, N. Y.
Halladay L. P. Co., Streator, Ill.
Hancock Mfg. Co. ("Hancock"), Charlotte, Mich.
Hatcher Auto Parts Co., Cleveland, O.
Imperial Brass Mfg. Co. ("Imperial"), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Lindley W. H. Co. (Lindley"), Canastota, N. Y.
LUNKENHEIMER CO. ("Trusty"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marvel Carburetor Co. ("Marvel"), Flint, Mich.
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sexton Can Co. ("Sexton"), 123 Broad, Boston, Mass.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.
Wilcox, Crittendent Co., Inc., Middletown, Conn. *See adv index at end of book*
Williams D. T. Valve Co. ("Williams"), Cincinnati, O.

Strainers (Gutter)

See Strainers, Conductor & Eave Trough

14429b— Strainers (Horizontal Pump)

WORTHINGTON PUMP & MACHINERY CORP., 111 B'way, New York
See adv index at end of book

14430— Strainers (Hose)

American Injector Co., 173 14th av, Detroit, Mich.
Edna Brass Mfg. Co., Cincinnati, O.
Elkhart Brass Mfg. Co. (Brass Suction for Fire Dept.), Elkhart, Ind.
Glauber Brass Mfg. Co., 4th & Superior, Cleveland, O.
Hancock Inspirator Co., 119 W 40th, New York
Penberty Injector Co., 346 Holden av, Detroit, Mich.
Self-Cleaning Strainer Co. (For Steam, Water, Air & Gas Lines), 6329 Stewart av, Chicago, Ill.

14431— Strainers (Injector)

Elkhart Brass Mfg. Co. (Also Ejector), Elkhart, Ind.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ohio Injector Co., Wadsworth, O.

14432—Strainers (Irrigating)

Butler Co., Butler, Ind.

14433—Strainers (Locomotive Water)

Handlan-Buck Mfg. Co. ("Hayes"), 210-14 N 3d, St. Louis, Mo.

14434— Strainers (Milk)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Sanitary Strainer Co. ("Fribery"), Maiden Rock, Wis.

14434a—Strainers (Oil & Water)

ANTHONY CO., 138 West av, Long Island City, N. Y.
Bethlehem Shipbuilding Corp. Ltd. (Suction & Discharge), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
GRISCOM-RUSSELL CO. (G-R Single), 92 West, New York
See adv index at end of book



G-R STRAINER

for the removal of foreign material in suspension from fuel or lubricating oil or water. If operated in sets of two, permits cleaning without interruption of service.

THE GRISCOM-RUSSELL CO.

92 West Street New York

Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Plant Engng. & Equip. Co. (Peeco), 192H B'way, New York
Schutte & Koerting Co., 1251 N 12th, Pa. *See adv index at end of book*
Wright-Austin Co. ("Wright"), 315H Woodbridge, W., Detroit, Mich.

14435— Strainers (Oil Well)

Anthony Co., 138 West av, Long Island City, N. Y.
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Houston Iron Works, Houston, Tex.
Layne & Bowler Co., Houston, Tex.
McEvoy J. H. & Co., Houston, Tex.
Plant Engng. & Equipt. Co., 11 John, New York
Schutte & Koerting Co. (Oil Duplex), 1251 N 12th, Phila., Pa.
See adv index at end of book
Stanciff Well Screen & Mfg. Co., Houston, Tex.

14436— Strainers (Paint)

Kraft A. C., 323 W Lake, Chicago, Ill.

14437— Strainers (Pipe)

Central Foundry Co., 90 West, New York
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Pancoast Henry B. Co. ("Extra Leaky"), 900 N Front, Phila., Pa.
Progressive Iron Foundry & Machine Co., ("Purity"), Haydenville, Mass.
Republic Metalware Co., Buffalo, N. Y.
Spray Engng. Co. ("Spraco" Self Cleaning), 60 High, Boston, Mass.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

14438— Strainers (Pressure)

Lagonda Mfg. Co., Springfield, O.
Progressive Iron Foundry & Machine Co. ("Purity"), Haydenville, Mass.
Spray Engng. Co. ("Spraco" Self-Cleaning), 60 High, Boston, Mass.

14439— Strainers (Sink)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Andrews Wire & Iron Works ("Vrooman's" "Aunt Dinah's"), Rockford, Ill.
Barber Mfg. Co. (Painted), Ashtabula, O.
Blairsville Sanitary Co., Blairsville, Pa.
Cassady Fairbank Mfg. Co. ("Duffys"), 6126 S La Salle, Chicago, Ill.
Central Stamping Co. ("Perfect"), 172 Fulton, New York
Columbian Enameling & Stamping Co. (Enameled), Terre Haute, Ind.
Frost Mfg. Co. (Basin & Sink), Kenosha, Wis.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
Geuder, Paeschke & Frey Co. ("Cream City"), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Minerva Mfg. Co., Minerva, O.
Modern Iron Works, Quincy, Ill.
National Enameling & Stamping Co. (Steel etc), 411 5th av, New York
Parker Wire Goods Co. (Wire), Worcester, Mass.
Presteel Co., Grafton, O.
Republic Metalware Co. (The) ("Protex" Dripless), Buffalo, N. Y.
Roseland Can & Specialty Co. ("Century," "New Diamond"), Rockford, Ill.
Sanitary Co., Dept. H, Linfield, Pa.
Silver & Co. ("Brooklyn"), 304 Hewes, Brooklyn, N. Y.
Trenton Brass & Machine Co. (Basin & Sink), Trenton, N. J.
Waterbury Mfg. Co., Waterbury, Conn.
Wickwire Spencer Steel Corp. ("Boston"), Worcester, Mass.
See adv index at end of book
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

14440— Strainers (Suction)

Dunham C. A. Co., 343 S Dearborn, Chicago, Ill.
Elliott B. K. Co. (Single, Twin, Triple, Multiple & Intake), 126 6th, Pittsburgh, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Medina Stamping & Mach. Co., Medina, N. Y.
Monash-Younker Co., 1407 W Jackson blvd, Chicago, Ill.
Rosedale Foundry & Machine Co. ("Holt" Automatic for Water of Pressure), Columbus & Preble, Pittsburgh, Pa.
Schutte & Koerting Co. ("Schutte-Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book

14441—Strainers (Sugar Juice)

Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
O'Neill Iron Works, Inc., 268 Perry, Buffalo, N. Y.

14442—Strainers (Tea & Coffee)

Buckeye Aluminum Co., Wooster O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

STRAINERS (TEA & COFFEE)—cont.
Craw Wm. N. Mfg. Co., South Norwalk, Conn.
Fargo E. A. Corp. (Aluminum), Taunton, Mass. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Never Tip" Wire, "No Wobble" Spout, "Hub" Never Drip, etc), Worcester, Mass.
Jewett Stamping & Enameling Co. ("Jewett" White Enameled), Jewett, O.
Parker Wire Goods Co., Worcester, Mass.
Peoria Can Co., Peoria, Ill.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Utility Mfg. Co., 819 Granby, Baltimore, Md.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woods-Sherwood Co., Worcester, Mass.

14443—Strainers (Tubular Well)

Cook August D. ("Cook's" Brass), Lawrenceburg, Ind.
Mark Mfg. Co., Evanston, Ill.
Smith C. G. Artesian Well Co. (Brass & Galvanized Iron), 132 High, Boston, Mass.

14444— Strainers (Urinal)

ACHESON MFG. CO., Rankin, Pa. *See adv index at end of book*
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Hach Richard G. ("Hach"), 159 E 26th, New York
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Milwaukee Brass Mfg. Co. ("Bee Hive"), 251 Laplan, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Trenton Brass & Machine Co. (Bee Hive), Trenton, N. J.

14445—Strand (Galvanized)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Indiana Steel & Wire Co., Muncie, Ind.

14446—Strand (Stone Sawing)

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

14446a— *Strapping (Box)

See also Box Straps
Carey Mfg. Co., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Wire & Steel Products Co. Inc., 421 E 22nd, New York.

14447— Strapping (Mill)

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I
Graton & Knight Mfg. Co., Worcester, Mass.
Graton & Knight Mfg. Co., 247 Mission, San Francisco, Cal.

14448— Straps (Anchor)

Clark W. J. Co., Salem, O.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co. (Pin), 847 W 63d, Chicago, Ill.
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Streeter Clip & Specialty Co., 4125 E. Ravenwood av, Chicago, Ill.

14449— Straps (Automobile)

Backstay Machine & Leather Co., Union City, Ind.
Badger Handle Co., 415 3rd, Milwaukee, Wis.
Brace Leather Goods Co., Pontiac, Mich.
Consolidated Belting Co., 3108 Germantown av, Phila., Pa.
Curry J. W. Co. (Top & Wire), 2615 Cummins, Cincinnati, O.
Empire Weaving & Belting Corp., (Anti Rattling Hood), East Rochester, N. Y.
Graton & Knight Mfg. Co., Worcester, Mass.
New York Leather Belting Co., 465 Kent av, B'klyn, N. Y.

14450—Straps (Baggage Check)

American Railway Supply Co., 134 Charles, New York
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Graton & Knight Mfg. Co., Worcester, Mass.

14451—Straps (Beam Electric)

Steel City Electric Co. ("Fullman"), 1207 Columbus av, Pittsburgh, Pa.

14452-3— Straps (Bill)

Detroit Coin Wrapper Co., 15 W Milwaukee, Detroit, Mich.
Eisler Anthony & Co., 227 Canal, New York
Youmans Coin Wrapper Co., 428 Main, Cinn., O.

Straps (Crate)

See Box Straps

14454— Straps (Deckle)

Boston Belting Corp. ("Imperial," "Excelsior," for Fourdrinier Paper Machines), 84 Linden Park, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.

14455— Straps (Flush & Supply Pipe)

American Brass & Copper Co., 138 Lafayette, New York

14456— Straps (Glazing)

Continental Fibre Co. (Vulcanized Fibre), Newark, Del. *See adv index at end of book*

14457— Straps (Hame)

Atlantic Mfg. Co., 2nd & Walnut, Wilmington, Del.
Rhoads J. E. & Sons, 12 N 3rd, Phila., Pa.
Williams I. B. & Sons, Dover, N. H.

14458— Straps (Hammer)

Harvey Spring & Forging Co., Racine, Wis.
Youngstown Pressed Steel Co. (Pressed Steel Wagon), Warren, O. *See adv index at end of book*

14459— Straps (Hose)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Glauber M. & Co., 103 Varick, New York
Haydenville Co., Haydenville, Mass.
Park & McKay, 55 Bagley av, Detroit, Mich.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Walworth Mfg. Co., Boston, Mass.

14460— Straps (Pipe)

Acme Pipe Strap Co. (& Conduits), 944 Harper av, Detroit, Mich.
American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Berger Bros. Co., 229 Arch, Philadelphia, Pa.
Blake Specialty Co. (Wrought Iron, Perforated), Rock Island, Ill.
Cann & Saul, 516 Commerce, Phila., Pa.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.
Eagle Mfg. Co. (Tinned), Wellsburg, W. Va.
Fee & Mason, 81 Beekman, New York
General Fire Extinguishers Co. (Tinned), Providence, R. I.
Good Mfg. Co., 305 E 134th, New York
Grabler Mfg. Co., Cleveland, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Lalance & Grosjean Mfg. Co. (Wrought Steel, "L & G"), 299 B'way, New York
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
Lenz Machine Works (Galvanized Steel), 199 Franklin, New York *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Merwin Mfg. Co. (Galvanized Steel), Erie, Pa.
Northwestern Stamping Co., Burlington, Ia.
Peck C. A. Hardware Co. (Galvanized Gas Pipe), Berlin, Wis.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Robinson Mfg. Co., 8123 Bruner S E, Cleveland, O.
Smith & Egge Mfg. Co. (Single & Double), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Twisted Wire & Steel Co. ("Fitall"), 437 11th av, New York
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Watrous Acme Mfg. Co., Des Moines, Ia.
Wise J. B., Inc., Watertown, N. Y.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Works (Tinned), Grand Rapids, Mich.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

14461— Straps (Pitman)

Henry & Allen, Auburn, N. Y.

14462— Straps (Pole)

Bethlehem Steel Co., So Bethlehem, Pa.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

14463— Straps (Rebound)

Badger Handle Co., 415 3rd, Milwaukee, Wis.
Empire Weaving & Belting Corp, East Rochester, N. Y.

14464— Straps (Roll-Up)

Monarch Carriage Goods Co. ("Monarch" for Carriage Curtains), Cincinnati, O.

Straps (Singletree)

See Straps, Pole

14465— Straps (Skate, Trunk, Blanket, Etc.)

Atchison Saddlery Co., Atchison, Kan.
Backstay Machine & Leather Co., Union City, Ind.
Badger Handle Co., 415 3rd, Milwaukee, Wis.
Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Buffalo Weaving & Belting Co. (Cotton), Buffalo, N. Y.
Cathrein Mfg. Co. (Also Book, Shawl Webb, 1824 Linden, Brooklyn, N. Y.
Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.
Curry J. W. Co. (Trunk), 2615 Cummins, Cincinnati, O.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Excelsior Bag & Mfg. Co. ("Excelsior" Skate), Troy, N. Y.
Galewski A. & Son, 453 Broome, New York
Graton & Knight Mfg. Co., Worcester, Mass.
Hudson Belting Co. (Trunk, etc), 3 Eaton pl, Worcester, Mass.
National Leather Mfg. Co., Niles, Mich.
Nott W. S. Co. (Skate & Trunk), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Rhoads J. E. & Son, 12 N 3rd, Phila., Pa.
Russell Mfg. Co., Middletown, Conn.
Sells J. H. & F. A. Co. (Leather), Chestnut & Pearl, Columbus, O.
Warren Leather Goods Co., Worcester, Mass.
Workman H. B. Co. (Cotton), Lititz, Pa.

14466— Straps (Street Car)

Graton & Knight Mfg. Co., Worcester, Mass.
Railway Improvement Co. ("Rico" Sanitary), 61 B'way, New York
Rhoades J. E. & Sons, 12 N 3d, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wallace Supplies Mfg. Co. (Hand Straps), 412 Orleans, Chicago, Ill.

14467— Straps (Timber)

Bethlehem Steel Co., So Bethlehem, Pa.
Kansas City Bolt & Nut Co. (Also Bridge), Kansas City, Mo.

14468— Straw Board Mfrs.

Albany Paper Products Co., Albany, Ind.
Alton Box Board & Paper Co., Alton, Ill.
American Straw Board Co., Akron, O.
Barrett Co. (Plain & Tarred), 17 Battery pl, New York
Beloit Box Board Co., Beloit, Wis.
Boyle John F. Co., 500 Montgomery, Jersey City, N. J.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Coshocton Straw Paper Co., Coshocton, O.
Creamery Package, 61 W Kinzie, Chicago, Ill.
Crescent Paper Co., Marseilles, Ill.
Hager Straw Board & Paper Co., Xenia, O.
Hartford Board Co., Hartford, Conn.
HEWITT C. B. & BROS., INC. (Dealers & Jobbers), 20 Ferry, New York *See adv index at end of book*
Indiana Board & Filler Co. (Egg Case Filler), Vincennes, Ind.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lydall & Foulds Paper Co., Manchester, Conn.
McEwan Bros. (Paper Box Boards), Whippany, N. J.
Mount Vernon Straw Board Co., Mount Vernon, Ind.
Niles Board & Paper Co., Niles, Mich.
Pairpoint Corporation New Bedford, Mass.
Paraffine Companies, Inc., The, 34 First, San Francisco, Cal.
Pemble Wm. & Sons, Stillwater, N. Y.
Rockford Paper Box Board Co., Rockford, Ill.
Rockford Paper Mills, Rockford, Ill.
Terre Haute Paper Co., Terre Haute, Ind.
United Paperboard Co., 171 Madison av, New York
Wasauc Mills Co., South Glastonbury, Conn.

14469— Straw Stackers

Aultman & Taylor Machinery Co. (Pneumatic), Mansfield, O.
Avery Co. (Automatic, for Threshers), Peoria Ill.
Birdsell Mfg. Co., South Bend, Ind.
Buffalo Pitts Co. ("Russell" Pattern Wind), Buffalo, N. Y.
Emerson-Brantingham Co. "E B," "Geiser Peerless," "Reeves" Wind), Rockford, Ill.
Frick Co. (Landis Eclipse Wind), Waynesboro, Pa.
Garden City Feeder Co. ("Pella"), Pella, Ia.
Harrison Machine Works (Pneumatic), Belleville, Ill.
Huber Mfg. Co. (Wind Stackers), Marion, Ohio
Indiana Mfg. Co. ("Farmers' Friend"), Merchants Bank bldg, Indianapolis, Ind.
Nichols & Shepard Co. (Swinging & Wind), Battle Creek, Mich.
Port Huron Engine & Thresher Co. (Pneumatic), Port Huron, Mich.
Reeves Pulley Co. (Automatic & Pneumatic), Columbus, Ind.
Rumeley Leo, Tractor Co. ("Advance," "Gear Scott" Automatic & Pneumatic), Laporte, Ind.
Russell & Co. (Pneumatic, Swinging & Wind), Massillon, O.
Russell Wind Stacker Co. (Wind), 1001 Shelby, Indianapolis, Ind.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Spark Arrester Co. (Wind Hoods), South Bend, Ind.
Westinghouse Co., Schenectady N. Y.

14470—Straws (Soda Water)

Coe Mfg. Co. ("White's" Fluted), 35 Warren, New York
Hygeia Antiseptic Toothpick Co., 160 W 14th, N. Y.
Stone Straw Co., 30 O, N E, Washington, D. C.

14471— Street Lighting

See also Posts, Lamp Arc & Tungsten

Flour City Ornamental Iron Co. ("Corinthian" Standard Tungsten Lights for Cities), 27th st & 27th av, Minneapolis, Minn.
Welsbach Street Lighting Co. (of America), 1924 Market, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Street Lighting Standards

See Posts, Lamp, Arc & Tungsten

Street Lighting (Sun Vapor)

See Lamps, Incandescent Vapor Gas

Street Railway Sprinkling Cars

See Cars, Sprinkling, Street Railway

14472— Street Sprinkler Wagon Tanks

Acme Road Machinery Co., Frankfort, N. Y.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio

14473—Street Sprinkling Carts & Wagons

Abbott Downing Truck & Body Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Etnyre E. D. & Co., Oregon, Ill.
Hvass Chas. & Co., 511 E 18th, New York
Lansing Co. (Carts), Lansing, Mich.
Milburn Wagon Co., Toledo, O.
National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Universal Road Machinery Co. ("Reliance" Oil Sprayer), Kingston, N. Y.
Winkler Grimm Corp., South Bend, Ind.

14474—Stretchers (Box Strap)

CARY MFG. CO. ("Cary's"), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Wire & Steel Products Co., Inc., 421 E 22nd, New York
See adv index at end of book

14475— Stretchers (Carpet)

Bradley & Farnham ("Bullard," "Knapp") Middlefield, Conn.
Braunsddorf-Mueller Co. (Extension Handle), Elizabeth, N. J.
Judd H. L. Co., 87 Chambers, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mallory C. M., Albion, N. Y.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Taylor Mfg. Co. ("Yankee," Stretcher & Tack Holder), Hartford, Conn.

14476— Stretchers (Chair)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Minton T. W. & Son, Barbourville, Ky.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*

14477— Stretchers (Curtain)

Acme Mfg. Co. ("Acme"), 1806 East, Pittsburgh, Pa.
Chicago Curtain Stretcher Co. ("No Piece"), 3725 Wall, Chicago, Ill.
Davis John B. ("Ideal"), Clinton, Me.
Guth Mfg. Co., 116 E 24th, New York
Holmquist & Co. ("Home-Kissed"), 2814 W 26th, Chicago, Ill.
Holmquist & Swanson ("National Champion"), Superior & California av, Chicago, Ill.
Steinfeld Bros., 116 W 32d, New York
Stra-Tedge Curtain Frame Co., 4537 Pope av, St. Louis, Mo.
Taylor Mfg. Co. ("Taylor," Polished Steel Tube), Princeton, Ind.
Wagner Curtain Stretcher Co. ("Dewey"), Greensburg, Pa.

14478—Stretchers (Electric Wire)

Eureka Co., North East, Pa.
Rittenhouse A. E. Co., Honeoye Falls, N.Y.

14479— Stretchers (Glove)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Celluloid Co., 36 Washington pl, New York
Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
McBride C. L. Mfg. Co. ("McBride" Electric), Toledo, O.

14479a— *Stretchers (Hammock)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

14480— Stretchers (Hospital)

Arntzen Co., 808 N Clark, Chicago, Ill.
Bernstein Mfg. Co. (Wheel), 3d & Allegheny, Phila., Pa.
Channon Jas H. Mfg. Co. ("American," Folding), 227 W Erie, Chicago, Ill.
Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Hospital Supply Co., 153 E 23rd, New York
Holzbog Geo. H. & Bro., Jeffersonville, Ind.
Kny-Scheerer Co. ("Stokes" Splint, Navy, etc), 404 W 27th, New York
Miller Supply Co. (Dirs.), Huntington, W. Va.

Stretchers (Saw)

See Saw Stretching Machines

14481— Stretchers (Shoe)

Anderson A. R. & Co. ("Fitall"), Arlington, N. J.

14482— Stretchers (Wire)

See also Stretchers, Electric Wire

AMERICAN STEEL & WIRE CO. ("Lott," "American," "Double Jack," "A. S. & W."), 208 La Salle, Chicago, Ill. *See adv index at end of book*
American Wire Fence Co. (Wire Fence), 10 S La Salle, Chicago, Ill.
Arcade Mfg. Co., ("Warner," "Dean," "Elwood" & "Little Giant"), Freeport, Ill.
Bridgewater Plow Corp. ("Superior" Wire Fence), Bridgewater, Va.
Burgess & Norton Mfg. Co. ("Bur-Nor," "Zinnis," "Duplex"), Geneva, Ill.
Burr Mfg. Co. (Fence & Wire), Whitney Power bldg, Cleveland, O.
Church Bros. ("Church"), Adrian, Mich.
Cyclone Fence Co. ("Cyclone"), Waukegan, Ill.
Cyclone Woven Wire Fence Co. ("Cyclone"), Cleveland, O.
Decker Mfg. Co., Keokuk, Iowa
Dwiggins Wire Fence Co. ("Perfection," for Woven Wire Fence), Anderson, Ind.
Elliott & Reid Co. ("Royal," for Woven Wire Fence), Richmond, Ind.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Gulf States Steel Co. (Fence), Birmingham, Ala.
Hohulin Bros. ("Success"), Goodfield, Ill.
Hunt, Helm, Ferris & Co. ("Star," "Knoxall," "Elwood," "Endless," "Dean," "Little Giant," "Self Lock," "Sampson," "Big Giant"), Harvard, Ill.
Igoe Brothers (Woven Wire Fence), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Interlocking Fence Co. ("Interlocking"), Morton, Ill
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Keystone Steel & Wire Co. ("Samson" for Woven Wire Fence), Peoria, Ill.
Mason Fence Co. ("Bull Dog"), Leesburg, O.
Milwaukee Hay, Tool Co. ("Milwaukee," "Eclipse," "Dandy" Combined Tackle & Stretcher Block), Layton Park, Milwaukee, Wis.
Ney Mfg. Co. ("Ney"), Canton, O.
Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.
Page Steel & Wire Co. ("Page," New Page), Adrian, Mich.
Peerless Wire Fence Co. ("Lamb"), Adrian, Mich.
Richards-Wilcox Mfg. Co., ("Richards" Tackle Block Self-Locking, "Richards" Continuous & "Giantt"), Aurora, Ill.
Ridgely Trimmer Co., Springfield, O.
Rittenhouse A. E. Co. (For Electric Wire), Honeoye Falls, N. Y.
Smith Hardware & Mfg. Co. ("Franklin," for Woven Wire Fence), De Kalb, Ill.
Smith & Hemenway Co., Inc., 261 H B'way, New York, & 130 H Colt, Irvington, N. J.
See adv index at end of book
Strickler Hay Tool Co., Janesville, Wis.
Townsend F. J. (For Stretching Woven & Barbed Wire Fences), Painted Post, N. Y.
Warren Specialty Mfg. Co. ("Neverslip" Stretcher & Staple Puller), Warren, Ohio
Western Steel & Iron Works ("Western"), De Pere, Wis.
Wheaton C. M. & Co., Sunbury, Ohio
Wrightsville Hardware Co. ("Sure Grip" Fence), Wrightsville, Pa.

14483— Strike Tache

Blymyer Iron Works Co. (Open Steam, with Copper Coils), Cincinnati, O.

14484— Stringers (Fish)

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

14485— Stringers (Ham)

NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*
Stortz John & Son, 210 Vine, Phila., Pa.
U. S. Needle Concern, 912 W Madison, Chicago, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

14486—Strings (Gut, Tennis Racket, Etc.)

American Gut String Mfg. Co. ("American"), 5415 S Ashland av, Chicago, Ill.
Baumgartner Eugene, 835 W 50th, Chicago, Ill.
Clark Harp Mfg. Co., 416 S Salnia, Syracuse, N. Y.
Cragin Calhoun (Imp. & Selling Agent), 149 B'way, New York
Slazenger Frank L. (Imp.), 12 E 43d, New York
Stecher A., 47th & So. Racine av, Chicago, Ill.
Wilson Thos. E. & Co., 701 N. Sangamon, Chicago, Ill.

14487— Strings (Hame)

American Lace Leather Co., Richmond, Va.
California Tanning Co., St. Louis, Mo.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Hodapp & Miller, Louisville, Ky.
Musgrave Leather Co., 414 N Front, Baltimore, Md.
New York Leather Belting Co. (Rawhide), 465 Kent av, B'klyn, N. Y.
Page Belting Co., Concord, N. H.
Schieren Chas. A. Co. (Rawhide), 30 Ferry, New York

14488— Strings (Musical Instrument)

See also Wire (Piano or Music)

Andress Mfg. Co., Dept. H, Battle Creek, Mich.
Baumgartner Eugene, 835 W 50th, Chicago, Ill.
Cragin Calhoun (Imp. & Selling Agent), 149 B'way, New York
Cronk Horace L. (Violin), Battle Creek, Mich.
Gibson Musical String Co., Belleville, N. J.
Koch Ands (Imp), 296 B'way, New York
National Musical String Co., New Brunswick, N. J.
Pierce Walter S. Co. (Piano Bass), 687 14th, San Francisco, Cal.
Schaff Piano String Co., 2011 Clybourn av, Chicago, Ill.
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.

14489— Strippers (Ingot)

Morgan Engineering Co. (Elec. & Hydraulic), Alliance, O

STRIPPERS (INGOT)—continued
Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.
Wellman-Seaver-Morgan Co., Cleveland, Ohio *See adv index at end of book*

14490-1—Strippers (Sugar Cane)
American Mfg. Co. ("Jackson" & "Boss"), Chattanooga, Tenn.

Strippers (Hand)
See Cards, Hand

14492— Strips (Batten)
Milwaukee Corrugating Co. ("Milcor"), Milwaukee, Wis.

Strips (Carbon)
See Carbon Mfrs.

14492a—Strips (Monel Metal)
Electrical Alloy Co., Morristown, N. J.
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.

14492b— Strips (Resistance)
Electrical Alloy Co. (For all Requirements), Morristown, N. J.

14493— Strips (Roofing)
Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.

14493a— Strontium (Bromide)
Dow Chemical Co. (U. S. P. Crystals & Gran), Midland, Mich.
Heyden Chemical Works, 135 William, New York
Mallinckrodt Chemical Wks., 2nd & Mallinckrodt, St. Louis, Mo.

14493b— Strontium Carbonate
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*

14493c— Strontium Chloride
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

14493d—Strontium (Nitrate)
Du Pont E. I. de Nemours & Co., Sales Dept. (Acid & Heavy Chemicals Div.), Wilmington, Del.
See adv index at end of book
Farmingdale Chemical Works, Inc., Farmingdale, L. I., N. Y.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

14493e— Strontium (Sulphate)
Foote Mineral Co., Inc., 167 19th, Phila, Pa.

14494— Stroppers (Razor)
Boker Cutlery & Hardware Co., Inc. ("Bokers'" Automatic [illegible] Duane, New York
Buffum Tool Co. ('Swastika" Safety Razor), South Side, Louisiana, Mo.
Bumann Mfg. Co. (Safety Razor), Litchfield, Ill.
Burke Mfg. Co., Dayton, O.
Canton Razor Strop Co., Inc. (Automatic), Canton, Ohio
Carpenter L. A. Press Metal Co. ("Van"), Cambridge, Mass.
Clauss Shear Co. ("Never Fail"), Fremont, O.
Gibford Specialty Co., 217 W Grand av, Chicago, Ill
Heimerdinger W. C. (Safety Razor), Louisville, Ky.
Kampfe Bros., 3303 Atlantic av, B'klyn, N. Y.
Kanner Samuel ("Sterling"), 556 B'way, New York
Keenoh Co. ("Keenoh"), 82 First, Detroit, Mich.
Koch F. A. & Co., 524 B'way, New York
Never Fail Co. ("Never-Fail" Safety), Toledo, O.
Pullman Mfg. Co. ("Pullman") (Safety Razor), Rochester, N. Y.
Twinplex Sales Co. ("Twinplex," Safety Razor), 1602 Locust, St. Louis, Mo.
Weber-Knapp Co. (Automatic), Jamestown, N. Y.
Zig Zag Sales Co. (Any Safety Blade), 217 W Grand av, Chicago, Ill.
Zinn Edward ("Gillette Blade"), 11th av & 25th, New York
Zinn Simon, Inc., 25th & 11th av, New York

14495— Strops (Hame)
Badger Handle Co., 415 3rd, Milwaukee, Wis.

14496— Strops (Razor)
Allegretti Mfg. Co., Geneva, N. Y.
Bison Mfg. Co., Little Valley, N. Y.

Boker Cutlery & Hardware Co., 101 Duane, New York
Carborundum Co. (Carborundum), Niagara Falls, N. Y.
Case W. R. & Sons Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Droescher S. R. (Imp.), 79 Warren, New York
Eddy Co., Worcester, Mass.
Geneva Cutlery Co., Geneva, N. Y.
Hemmerdinger John H. & Son, Vandervoort av, Brooklyn, N. Y.
Hollinger Cutlery Co., Fremont, O.
Howard's S. E. Son & Co., 1150 B'way, New York
Illinois Razor Strop Co. ("Sharp-Well"), 2035 Charleston, Chicago, Ill.
Irwin Leather Goods Co., 520 W Monroe, Chicago, Ill.
Kaampfe Bros., 3303 Atlantic av, Brooklyn, N. Y.
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Loveless L. W. Mfg. Co. ('Magic"), Lafayette, Ind.
National Cutlery Co. ("Morton," "National"), Westmoreland & Boudinot, Phila., Pa.
Never Fail Co., Toledo, O.
Pike Mfg. Co., Pike, N. H.
Reppenhagen M. E. Highland Falls, N. Y.
Riordan T. G. Mfg. Co., 3943 Lincoln av, Chicago, Ill.
Robeson Cutlery Co., Rochester, N. Y.
Shull W. A., 142 N 4th, Phila., Pa.
Shumate Razor Co., 706H Chestnut, St. Louis, Mo.
Silberstein A. L., 600 W 157th, New York
Torrey J. R. Razor Co., Worcester, Mass.
Trieschman Luther H., 720 Main, Hartford, Conn.
Union Cutlery Co., Olean, N. Y.
Wanacek Strop & Cutlery Co., Fremont, O.
Wasserstrom L. B., 91 Glid, New York
Zig Zag Sales Co. ("Zig Zag" Safety), 217 W Grand av, Chicago, Ill.

14497— Structural Steel
See also Steel Structural Work, etc.

Andrews Engng. Co., 615H Bessemer bldg, Pittsburgh, Pa.
Ashland Iron & Mining Co., Ashland, Ky.
Belmont Iron Wks., Dept. H, 22d & Washington av, Phila., Pa.
Camden Iron Wks., Camden, N. J.
Castle A. M. & Co. ("Castle"), 715 N Morgan, Chicago, Ill.
Daigle Iron Works, 1967 W Lafayette, Detroit, Mich.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, Ohio
See adv index at end of book
Frank M. K., 917H Frick bldg, Pittsburgh, Pa.
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Fort Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind.
See adv index at end of book

Small Channels and Angles
For Fire Escapes, Fences, etc.
Fort Wayne Iron Steel Rolling Mills
West Taylor St., Fort Wayne, Ind.

FULLER STEEL & IRON CO., Park bldg, Pittsburgh, Pa.
See adv index at end of book
International Steel & Iron Co., Evansville, Ind.
Janney & Co., Montgomery, Ala.
LEAKE A. G. ERECTING CO. INC., THE (Fabricators & Erectors), Ash & Holland av, Bridgeport, Conn.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
Owego Bridge Corporation, Bastable bldg, Syracuse, N. Y.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
Rowson, Drew & Clydesdale, Inc., 80 Wall, New York
RYERSON JOS. T. & SON (Merchants), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Stupp Bros. Bridge & Iron Co., H, Frisco bldg, St. Louis, Mo.
Union Iron & Steel Co., 1610 Reading rd, Cincinnati, O.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.
Weaver Frank M., Dept. H, Lansdale, Pa.
West Side Structural Co., Troy, N. Y.
Wilson Co., Greenville, S. C.

14497a— Strychnine
Abbott Laboratories, 4753 Ravenswood av, Chicago, Ill.
Mallinckrodt Chemical Works, 2nd & Mallinckridt, St. Louis, Mo.
New York Quinine & Chemical Works, 114 William, New York
Pfizer Chas. & Co. (All Forms), 81 Maiden lane, New York
Powers - Weightman - Rossengarten Co., Phila., Pa.

14498— Stucco Boards
Bishopric Mfg. Co. ("Bishopric" for Interior or Exterior), 1415 Este av, Cincinnati, O.

14499— Stucco Mfrs.
Acme Cement Plaster Co. ("Mission," "Apex"), Frisco bldg, St. Louis, Mo.
American Cement Plaster Co., Lawrence, Kans.
American Gypsum Co., Cleveland, O.
American Magnesia Products Co., 417 W 12th pl, Chicago, Ill.
American Materials Co. (Magnesite), 101 Park av, New York
Artificial Bldg. Products Co. Inc. ("Magno" Magnesite), Real Estate Exchange bldg, Detroit, Mich.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Cleveland Bldrs.' Supply & Brick Co. ("Klingstone"), H Leader News Bldg, Cleveland, O.
Consolidated Expanded Metal Co., Braddock, Pa.
De Smet Quartz Tile Co. (Colored), 133 W Washington, Chicago, Ill.
Empire Gypsum Co., Garbutt, N. Y.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Hoff Magnesite Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco, Cal.
Lycoming Calcining Co., Williamsport, Pa.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Monument Plaster Co. ("Oriental," Ready for Use), Harrison, N. J.
National Kellastone Co. ("Kellastone"), 5 S Wabash av, Chicago, Ill.
Niagara Gypsum Co. ("Niagara"), Buffalo, N. Y.
Plymouth Gypsum Co., Fort Dodge, Ia.
Reeb M. A. Corp, 599 Michigan av, Buffalo, N. Y.
Roc Bond Co. ("Rocbond"), Wren, O.
Rock Plaster Mfg. Co., 381 4th av, New York
Southern Gypsum Co., North Holston, Va.
SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Vitrifyx Co., 133 W Washington, Chicago, Ill.
Wasem Paster Co., Fort Dodge, Ia.

14500— Stucco Retarder
National Retarder Co., Port Clinton, O.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

14501-2— Stucco Work
Anchor Building Co., Elizabeth, N. J.
See adv index at end of book
Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Berger H. Sons, 346 E. 34th, New York
Caproni P. P. & Bro., 1914 Washington, Boston, Mass.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
De Smet Quartz Tile Co. (Colored), 133 W Washington, Chicago, Ill.
Emmel Co. (Ornamental), 81 Bristol, Boston, Mass.
Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.
Forman Geo. A., 654 Gates av, Brooklyn, N. Y.
Klee-Thomson Co., 327 E 40th, New York
Maltby W. H. & Sons, Corning, N. Y.
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.
Voigt Co., 1743-1749 N 12th, Phila., Pa.

14503—Studding ("Gypsteel")
Keystone Fire-Proofing Co., American bldg, Phila., Pa.

14504—Studs (Electric Fixture)
Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
Barlow Foundry Co., 551 N. J. R. R. av, Newark, N. J.
Bonnell W. A., 192 Chambers, New York
Colean Wm. H. Co. ("Rex"), W Newton, Mass.
Curtis Screw Works, Buffalo, N. Y.
Grabler Mfg. Co., Cleveland, O.
Macallen Co., 16 Macallen, South Boston, Mass.
National Metal Molding Co. ("National" Stamp Steel), 1110 Fulton bldg, Pittsburgh, Pa.
Rattan Mfg. Co., New Haven, Conn.
Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Star"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York

14505— Studs (Harness)
Jencks E. Mfg. Co. Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14506— Studs (Lacing)

General Mfg. Co., Waterbury, Conn.
Manufacturers' Belt Hook Co. ("L.-X.," "Blades," "Climax" Gunmetal, "20th Century" Steel Belt), 1321 W Congress, Chicago, Ill.
Stimpson Edwin B., Company, 852 Kent av, Brooklyn, N. Y.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

14507— Studs (Metal)

BELL CO. (THE), 1555 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Berger Mfg. Co. ("Prong Lock," "Metal Lumber"), Canton, Ohio
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
GENERAL FIREPROOFING CO., Youngstown, O. *See adv index at end of book*
Knapp Bros. Mfg. Co. (for Plaster Fireproof Partitions), 2419 W 14th, Chicago, Ill.
Sharon Steel Hoop Co. (For Furring, etc), Sharon, Pa.
Truscon Steel Co. (Truscon Building Products), Youngstown, O.
Waltham Screw Co., Waltham, Mass.
YOUNGSTOWN PRESSED STEEL CO. ("Youngstown"), Warren, O.
See adv index at end of book

14508— Studs (Milled Iron)

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Bethlehem Steel Co., So Bethlehem, Pa.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bonney Forge & Tool Works, Allentown, Pa.
Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
Cincinnati Screw Co., Twightwee, Cincinnati, O.
Cleveland Wrought Products Co., W. 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corporation New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Detroit Screw Works, 1477 Atwater E, Detroit, Mich.
Ferry Cap & Set Screw Co., Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Hope Wm. H. Co., Lowell, Mass.
Hopedale Mfg. Co., Milford, Mass.
National-Acme Co., 7500 Stanton av, S. E, Cleveland, O.
National Sewing Machine Co., Belvedere, Ill.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Screw Mfg. Co., 4419 W Kinzie, Chicago, Ill.
Worcester Mach. Screw Co., Standard Screw Co., Successors, Worcester, Mass.

14509— Stuffers (Sausage)

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.
Landers, Frary & Clark, New Britain, Conn.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
National Specialty Mfg. Co., 3d av & Lehigh, Phila., Pa.
Peck, Stow & Wilcox Co. ("Perry" Pattern), Southington, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co. ("Perry" Pattern), New Haven, Conn.
Silver Mfg. Co. ("Wagner"), No. 256, Salem, O.
Smith's John E. Sons Co., Buffalo, N. Y.
Union Machine Works & Iron Foundry ("Union"), 1821 S Water, Phila., Pa.
Wolf, Sayer & Heller (Wolf Peerless), Fulton & Peoria, Chicago, Ill.

Submarine Armor

See Diving Apparatus

14509a— Substitutes (Marble)

VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill.
See adv index at end of book

14510—Substitutes (Stained Glass)

Parrish S. H. & Co., 202 S Clark, Chicago, Ill.
Quaile Wm. B. ("Glacier Seccotine") 405 Lexington av, New York
Ross W. A. & Bro. ("Glacier Imp), 11 S William, New York
Windowphanie Co. ("Windowphanie" Translucent Glass Decorations), 19 E 14th, New York

Suckers (Soot)

See Cleaners, Boiler Flue & Tube

14510a—Suction Draft System

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

14510b— Sugar Cloth

Atlantic Jute Mills ("Atlas" Bag), Norfolk, Va.
Cleveland Wire Cloth Mfg. Co., 3574 E 78th, Cleveland, O.
See adv index at end of book
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book

Sugar of Lead

See Acetate of Lead

Sugar Machinery

See Specific Article Required

14511—Sugar Plant Construction (Beet)

Buffalo Foundry & Machine Co., Buffalo, N. Y. *See adv index at end of book*
Dyer Co., 2031 Euclid av, Cleveland, O.
Honolulu Iron Works Co. (Cane), 233H Broadway, New York
Kelvin Engng. Co., 32 B'way, New York
Kilby Mfg. Co., 4623 Lakeside av, Cleveland, O.
Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.
Murphy Iron Works (Cane), 643 Magazine, New Orleans, La.
Salich E. & Co., Monadnock Blk, Chicago, Ill.
Stearns-Roger Mfg. Co., Denver, Col.
Von Phul Gilbert D. (Cane & Beet), Hibernia Bank bldg, New Orleans, La.

14512— Sugar Refineries

Alameda Sugar Co. (Beet Sugar), Alaska Commercial bldg, San Francisco, Cal. Factory: Alvarado, Cal.
Amalgamated Sugar Co. (Beet), Ogden, Utah
Amer. Beet Sugar Co., Denver, Col.
American Sugar Refining Co., 117 Wall, New York. Refineries: Brooklyn, N. Y., & Jersey City, N. J.
Arbuckle Bros., 70 Water, New York
California & Hawaiian Sugar Refining Co. (Beet Sugar), 230 California, San Francisco, Cal. Factory at Crockett, Cal.
Chaparra Sugar Co. (Cane), 129 Front, New York
Clinton Sugar Refining Co., Clinton, Ia.
Colonial Sugars Co., 129 Front, New York
Columbia Sugar Co. (Beet Sugar), Bay City, Mich.
Continental Sugar Co. (Beet), Toledo, O. Factories at Findlay, O.; Fremont, O., & Blissfield, Mich.
Corn Products Refining Co., 17 Battery pl, New York. Refineries: Argo, Ill., Davenport, Ia., Edgewater, N. J.; Granite City, Ill.
Cuban-American Sugar Co., 129 Front, New York
Federal Sugar Refining Co., 91 Wall, New York. Refineries: Yonkers, N. Y.
Franklin Sugar Refining Co., 125 S Orianna, Phila., Pa.
Great Western Sugar Co. (Beet), Denver, Colo.
Guantanamo Sugar Co., 129 Front, New York
Holland-St. Louis Sugar Co. (Beet), Holland, Mich.
Holly Sugar Corp. (Beet), Denver, Colo.
Honolulu Plantation Co., Hooker & Lent bldg, San Francisco, Cal., & Honolulu, T. H.
Imperial Sugar Co., Sugarland, Tex.
Iowa Sugar Co. (Beet), Waverly, Ia.
Lafayette Sugar Refining Co., Ltd., New Orleans, La.
Lockport Central Sugar Refining Co., Lockport, La.
Long Syrup Refining Co., 16th & Division, San Francisco, Cal.
McCahan W. J. Sugar Refining Co., Chestnut & Front, Phila., Pa.
Menominee River Sugar Co. (Beet), Menominee, Mich.
Mercedita Sugar Co., 129 Front, New York
Michigan Sugar Co. (Beet), Saginaw, Mich.
Miles Planting & Mfg. Co., Burnside, La.
Mollenhauer Sugar Refining Co., Kent av, Brooklyn, N. Y.
Mount Clemens Sugar Co. (Beet), Mount Clemens, Mich.
Nachman S. J. Refinery (Dextrine Sugar), 314 Lafayette, New York
National Sugar Mfg. Co. (Beet), Sugar City, Colo.
National Sugar Refining Co., 129 Front, New York. Refineries: Yonkers, N. Y., Long Island, N. Y., & Brooklyn, N. Y.
North Kensington Refinery (Malto-Dextrine), 214 E 22d, New York
Owosso Sugar Co. (Beet), Owosso, Mich.
Pope Chas. (Beet), 332 S Michigan av, Chicago, Ill.
Revere Sugar Refinery 15 Broad, Boston, Mass.
Rock County Sugar Co. (Beet) Eastern av, Janesville, Wis.
Sacramento Valley Sugar Co., Los Angeles, Cal. Refineries: Hamilton, Cal.
Salesburg Refining Co., Ltd., Lauderdale, La.
Spreckels Sugar Co., 2 Pine, San Francisco, Cal.
Standard Refining Co. (Brewing Syrups), 217 West, New York
Toledo Sugar Co., Toledo, O.
Union Sugar Co. (Beet), 310 Sansome, San Francisco, Cal. Factory: Betteravia, Cal.
United States Sugar Co. (Beet Sugar), Madison, Wis.
Utah-Idaho Sugar Co., Salt Lake City, Utah
Warner Sugar Refining Co., 79 Wall, New York
West Bay City Sugar Co. (Beet), West Bay City, Mich.
Western Sugar Refining Co., 2 Pine, San Francisco, Cal.

Suit Cases

See Traveling Bags & Suit Cases



Calandria for Calandria Vacuum Pan.

"BUFLOVAK" SUGAR APPARATUS

Diffusion Batteries	Bone Black Filters	Bag Filters
Pulp Catchers	Bone Black Dryers	Filter Presses
Vacuum Pans	Heaters	Granulators
Vacuum Dryers	Evaporators	Crystallizers
Vacuum Pumps	Catchalls	Kilns
Steam Separators	Condensers	Retorts
Sand Filters	Coolers	Mixers

Sugar apparatus furnished in accordance with our standard designs, or in accordance with plans and specifications submitted by customers.

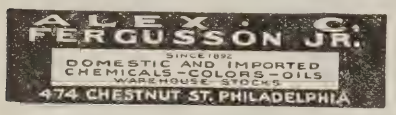
BUFFALO FOUNDRY & MACHINE CO.

65 WINCHESTER AVENUE, BUFFALO, N. Y.

New York Office: 17 Battery Place

Sulphate of Alumina
See Alumina

14513-4-5-6—Sulphate of Ammonia
American Agricultural Chemical Co., 2 Rector, New York
Am. Cyanamid Co., 511 5th av, New York
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Ashcraft-Wilkinson Co., Atlanta, Ga.
Barrett Co., 17 Battery pl, New York
Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Cooper Chas. & Co., 194 Worth, New York
Dominion Iron & Steel Co., Ltd., 15 John, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Heller Jos. S. (Importers & Brokers), 62 William, New York
Industrial Chem. Co., 200 5th av, New York
Katzenbach & Bullock Co., 100 William, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Lennig Chas. & Co., 40 North Front, Phila., Pa.
Lewis F. J. Mfg. Co. (& Bengol), Moline, Ill.
Listers Agr'l Chemical Works, 2 Rector, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Munro Robt. A. & Co. (Imp.), 25 Pine, New York
New England Gas & Coke Co., 111 Devonshire, Boston, Mass.
Peters White & Co. (Importers), 55 John, New York
Semet Solvay Co., Syracuse, N. Y.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.

Sulphate of Iron
See Copperas

Sulphate of Lead
See Lead Sulphate

Sulphate of Lime
See Lime Sulphate

14517— Sulphate of Soda
See also Salts, Glaubers
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Contact Process Co., Buffalo, N. Y.
General Chemical Co. (Also Calcined Sulphate & Concentrator), 25 Broad, New York
Grasselli Chemical Co. (Anhydrous), Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jarecki Chemical Co., Sandusky, O.
Klipstein A. & Co., 644 Greenwich, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Pennsylvania Salt Mfg. Co. (Glass Makers' Salt Cake), Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.
Scheel Wm. H. (Imp.), (Refined, etc.), 159 Maiden la, New York
See adv index at end of book
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
WARREN PRODUCTS CO., 265 Canal, New York *See adv index at end of book*
Western Chemical Mfg. Co., Denver, Colo.

14518-9-20— Sulphate of Zinc
American Metal Co., 61 B'way, New York
Avery Chemical Co., 88 Broad, Boston, Mass.
Domestic Chemical Corp., Maspeth & Gardner avs, B'klyn, N. Y.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
International Minerals & Metals Corp., 61H Broadway, New York
Munning A. P. & Co., Matawan, N. J.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Scheel Wm. H. (Foreign), 159 Maiden la, New York *See adv index at end of book*
Wagner Charles A. Co. Inc., 222H N Front, Phila., Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Sulphide of Iron
See Iron Sulphide

Sulphide Soda
See Sodium Sulphide

14521—Sulphite Plant Equipment
Stebbins Engineering & Mfg. Co., Watertown, N. Y.

14522 Sulphite Pulp
Brown Company (Bleached & Unbleached), Portland, Me.
Castle, Gotthell & Overton, 200 5th av, New York
Cherry River Paper Co., Pennsylvania bldg, Phila., Pa.
Detroit Sulphite Pulp & Paper Co., 2607 W Jefferson, Detroit, Mich.
Mount Tom Sulphite Pulp Co. (Bleached), 50 State, Boston, Mass.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Oxford Paper Co. (Bleached), 200 Fifth av, New York
Parsons Pulp & Lumber Co. (Spruce, Bleached & Unbleached), Finance bldg, Phila., Pa.
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Union Bag & Paper Corp., 233 B'way, New York
West Va. Pulp & Paper Co. (Bleached Spruce), 200 Fifth av, New York

Sulphite Soda
See Sodium Sulphite

14523— Sulphocarbolates
Merck & Co., 45 Park pl, New York

14524— Sulphur Apparatus
Blymyer Iron Works Co., Cincinnati, O.
Knott L. E. Apparatus Co. ("Jenkins"), 79 Amherst, Cambridge, Mass.

Sulphur Chloride
See Chloride of Sulphur

Sulphur Colors
See Colors, Sulphur

14525— Sulphur Dioxide
Ansul Chemical Co. (Liquid), Marinette, Wis.
Cooper Chas. & Co. (Liquid), 194 Worth, New York
King Chemical Co., Bound Brook, N. J.
Virginia Smelting Co. (Liquid), West Norfolk, Va.

14526— Sulphur Flour
Cooper Chas. & Co., 194H Worth, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Southern Acid & Sulphur Co., Beatmen's Bank bldg, St. Louis, Mo.

14527— Sulphur (Refined)
Battelle & Renwick ("Brooklyn"), 80 Maiden la, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
White T. & S. C. Co., 100 William, New York

14528— Sulphur & Brimstone
Baker H. J. & Bro. (Imp.), 18 Fulton, New York
Battelle & Renwick (Flour, Sublimed & Roll), 80 Maiden la, New York
Doggett Stanley (Imp.), 11 Cliff, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph & Co., Inc., 81 Fulton, New York
General Chemical Co. (Roll Brimstone Flour & Flowers of Sulphur), 25 Broad New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.
Hollingworth & Peterson, Lafayette bldg, Phila., Pa.
Lang J. M. & Co. (Brokers), Savannah, Ga.
McIlvain Bros. (Sulphur Only), 1500H Hamilton, Phila., Pa.
Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.
Nassau Sulphur Wks., 92 William, New York
National Sulphur Co., 80 Maiden la, New York
Scheel Wm. H. (Sulphur Jobbers), 159 Maiden la, New York
See adv index at end of book
Southern Acid & Sulphur Co. (Ground Sulphur), Boatmen's Bank bldg, St. Louis, Mo.
Texas Gulf Sulphur Co., 50H East 42nd, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Union Sulphur Co. (High Grade Brimstone), 17 Battery pl, New York: Mines: Calcasieu, La.
Vitro Manfg. Co. (Sulphur), H, Bessemer, bldg, Pittsburgh, Pa.
White T. & S. C. Co. (Sublimed Flowers & Flour), 100 William, New York

14528a—Sulphur & Brimstone (Crude)
Cuprite Sulphur Corp., 50 E. 42nd, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Parson & Petit (Selling Agents), 63 Beaver, New York
Union Sulphur Co. (Sulphur Only), 17 Battery pl, New York

Sulphuric Acid
See Nitre Cake, also Acid, Sulphuric

14528b—*Sulphuric Acid Apparatus
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14528c—*Sulphuric Acid Recovering Apparatus
Buffalo Foundry & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book

14529— Sumac
Androvette & Townsend (Sicily) (Imp.), 235 Water, New York
Baker W. W. Tanning Co., Hallsboro, Va.
Brackett Josiah & Son, 134 Summer, Boston, Mass.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Ground, Imp.), 644 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
Marden, Orth & Hastings Co. (Imp. Sicily), 136 Liberty, New York
Moore, Warner & Co., 17th, Richmond, Va.
Neumann R. & Co. (Imported), 76 Worth, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book
Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York
Whittemore-Wright Co. (Sicily) & Virginia), Charlestown, Boston Mass.

14530—Summer Houses or Arbors
Anchor Post Iron Works, 50 Church, New York. *See adv index at end of book*
Hartmann-Sanders Co., 2155 Elston av, Chicago, Ill.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Ready Built Home Co., Mystic, Conn.
Smith F. P. Wire & Iron Co., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Togan Stiles, Grand Rapids, Mich.

14531— Sun Dials
Erkins Studios, 227 Lexington av, New York
Gardam Wm. & Son, 114 Park pl, New York
Gorham Co. Arch'l Bronze (Bronze), 5th av & 36th, New York. Works: Providence, R. I.
Janusch Mfg. Co., 496 E 134th, New York
Jones M. D. Co., 73 Portland, Boston, Mass.
Jordan Adolph M., 37 E 5th, Cincinnati, O.
Mitchell-Bissell Co., 251 4th av, New York
Rostand Mfg. Co. ("Rostand," Bronze), Milford, Conn.

14531a— Sun Frames
Pease C. F. Co., 820 N Franklin, Chicago, Ill.

14532—Sun & Heliographic Printing
Amsler Blue Print Co., 30 Church, New York
Keuffel & Esser Co., Hoboken, N. J.

14533—Superheaters (Steam)
BABCOCK & WILCOX CO., 85 Liberty, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Dravo Co., 1195 13th, Milwaukee, Wis.
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Hussey, McCann & Co., 87 Warren, New York
Locomotive Superheater Co. ("Elesco" For Locomotives and Steamships), 17 E 42nd, New York
Parker Boiler Co., 9th & Sansom, Phila., Pa.
Power Specialty Co. ("Foster"), 111 B'way, New York. *See adv index at end of book*
Superno Co., Inc., 52 B'way, New York

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United Gas Improvement Co. ("Standard Double"), Broad & Arch, Phila., Pa.
WESTINGHOUSE ELECTRIC MFG. CO., Westinghouse bldg, Pittsburgh, Pa.

14534— Superphosphates

American Agricultural Chemical Co. (Concentrated), 2 Rector, New York
Ashcraft Wilkinson Co., Atlanta, Ga.
Mountain Copper Co. Ltd. ("Mococo"), 332 Pine, San Francisco, Cal.
Union Superphosphate Co., 343 Sansome, San Francisco, Cal.
Virginia-Carolina Chemical Co. (Of all Grades), Richmond, Va.

Supplies (Bowling Alley)

See Balls, Bowling, Wood

14535—Supports (Bus Bar & High Tension, Etc.)

Alherene Stone Co. (Soapstone), 223 E 23rd, New York
Bowie Switch Co., 14 Montgomery, San Francisco, Cal.
Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Efficiency Electric Co. (Adjustable Bus), E. Palestine, Ohio
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Electrical Development & Machine Co., 221 N 23rd, Phila., Pa.

14536—Supports (Carriage Top)

Essex Brass Foundry Co. ("Essex"), Cambridge, Mass.

14537— Supports (Cask)

Girard Iron Works, 22d & Master, Phila., Pa.
Grimm Iron Works, Cincinnati, O.

14538—Supports (Cross Arm)

Hallett Iron Works ("Hallett Steel Gains"), Harvey, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

14539—Supports (Desk & Table)

Grand Rapids Brass Co. (Desk Lids), Grand Rapids, Mich.
See adv index at end of book
Weber-Knapp Co., Jamestown, N. Y.

14540— Supports (Partition)

Auer Joh.. Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

14541— Supports (Porch)

Enterprise Hardware Mfg. Co., Frederick, Md.
Gray Iron Foundry Co. (Japanned), Cast Iron), Reading, Pa.
Indiana Hollow Ware Co. (Cast Iron Coppered), Jeffersonville, Ind.
Williams A. C. Co. (Japanned), Ravenna, Ohio

14542— Supports (Rein)

Frazer & Jones Co. (Hip Strap), Syracuse, N. Y.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

14543— Supports (Shelf)

Chicago Hardware Foundry Co. (Cast Iron), 546 W Washington, Chicago, Ill.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Grey Iron Casting Co. (For Adjusting Shelves), Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Johnston J. D. (Shelf Pins), Newport, R. I.
Keystone Friction Hinge Co., Williamsport, Pa.
National Lock Co. (Library Bookcase, etc), Rockford, Ill.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. & Engine Co., Freeport, Ill.
Weber-Knapp Co. (Brass Plated), Jamestown, N. Y.

14544—Supports (Telegraph Poles)

Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.

14545—Supports (Wagon Tongue)

Harvey Spring & Forging Co. ("Lindquist"), Racine, Wis.

14546— Surcingles

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Langstroth T. W., 77 Warren, New York

14547-8—Surfacers (Metal)

Ditzler Color Co. (For automobiles), 40 Baltimore av W, Detroit, Mich.
Peckham Mfg. Co. (For Dry Barrel Polishing), 244 South, Newark, N. J.
St. Louis Surfacer & Paint Co. ("Metalsteel"), Arlington & Terminal Belt Line, St. Louis, Mo.

Surveyors' Instruments

See Engineering & Surveying Instruments

14549— Swabs (Molders')

Dobson William, Canastota, N. Y.

14549a— Swabs (Piston)

Ashton Valve Co., 179 1st, Boston, Mass.

14550— Swage Blocks

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris, Trenton, N. J.
Grace C. M. & Co., Huntsville, Ala.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Indiana Foundry Co., Indiana, Pa.
International High Speed Steel Co., 99 Nassau, New York
Noyes B. B. Co. ("Little Gaint," also Combined Swage Blocks & Mandrels), Greenfield, Mass.
South Bend Foundry Co. (Cast Iron), South Bend, Ind.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.

14551— Swages (Saw)

Atkins E. C. & Co. ("Ideal"), Indianapolis, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Crowell D. J., 61 Terrace, Buffalo, N. Y.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Emerson Smith & Co. (Solid Steel), Beaver, Pa.
Hanchett Swage Works (Adjustable Foot Circular Saws, etc), Big Rapids, Mich.
Hinds Thos. Co., Malone, N. Y.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Phoenix Mfg. Co. ("White" Phoenix"), Eau Claire, Wis.
Pribnow Swage & Tool Works ("Pribnow"), Mellen, Wis.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White A. E. Machine Works ("Champion"), Eau Claire, Wis.

14552— Swages (Toe Calk)

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

14553—Swages (Top, Bottom, Etc.)

Beall Bros., Alton, Ill.
Champion Tool Co. ("Champion"), Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Iron City Tool Works (Ltd.) (Tin Plate, Cushion, Tire, Channel, Collar, etc), 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

14554-5—Sweaters, Cardigans, Etc.

Albany Knitting Co., Albany, N. Y.
Albion Knit Goods Co., Utica, N. Y.
American Hosiery Co., New Britain, Conn.
American Knitting Co., Waltham, Mass.
American Knitting Co., Honesdale, Pa.
American Knitting Mills, Central Trust bldg, Phila., Pa.
Angora Knitting Mill, Detroit, Mich.
Angora Specialty Co., 87 34th, Brooklyn, N. Y.
Ascher Simon & Co., 2443 3rd av, New York
Ashboyton Knitting Co., Shelburne Falls, Mass.
Atlantic Knitting Mills, 1270 B'way, New York
Augstein S. & Co., 352 4th av, New York
Avalon Knitwear Co. (Underwear), Utica, N. Y.
Bailey Knitting Mills, Fort Plain, N. Y.
Ballard Knitting Co., Norristown, Pa.
Bannister Geo. M. & Co., 3562 N Marshall, Phila., Pa.
Bavaria Knitting Mills, 121 S Market, Chicago, Ill.
Bell Knitting Co., 352 4th av, New York
Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.
Berlin Knitting Mills, 137 Broadway, Brooklyn, N. Y.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Bitzer Chas. & Son, 2513 E Fletcher, Phila., Pa.
Blauvelt Knitting Co., 280 Pine, Newark, N. J.
Blepp Knitting Wks., 6824 Superior av, Cleveland, O.
Boerum Knitting Mills, 105 Meserole, Brooklyn, N. Y.
Bower Knitting Co., Hawley, Pa.
Bradley Knitting Co., Delavan, Wis.
Breathwaite Wm., 4931 Germantown av, Gtn., Phila., Pa.
Brown Knitting Co., Warsaw, N. Y.
Burns Knitting Co., Nashua, N. H.
Byrne Thos. F., Phoenixville, Pa.
Cache Knitting Works, Logan, Utah
Canadian Knitting Mills, 86 Meserole, Brooklyn, N. Y.
Capital Knit Works, 133 Fulton, Brooklyn, N. Y.
Central Knitting Co., 772 Madison, Brooklyn, N. Y.
Chapman Knitting Mills, 68 E 131st, New York
Chester Knitting Works, 2103 Pitkin av, Brooklyn, N. Y.
Claremont Knitting Co., 206 Stagg, Brooklyn, N. Y.
Clinton Knitting Co., Clinton, N. Y.
Coast Knitting Co., Woodbine, N. J.
Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.
Columbia Knitting Mills, 116 W 32d, New York
Continental Knitting Mills, 860 Flushing av, Brooklyn, N. Y.
Crescent Co., 49 E 21st, New York
Crossingham Knitting Mills, 243 Ashmead, Phila., Pa.
Dornbaum Knitting Co., 3136 Lincoln av, Chicago, Ill.
Draper Bros. Co., Canton, Mass.
Dunham Mills, Hartford, Conn.
Eagle Knitting Mills, 184 E Water, Milwaukee, Wis.
Eckert Knitting Mills, 923 20th av, N, Minneapolis, Minn.
Elboeuf Knitting Co., Utica, N. Y.
Ellery Knitting Mills, 251 Stockton, Brooklyn, N. Y.
Ellis John S., 5241 Wakefield, Gtn., Phila., Pa.
Elmira Knitting Mills (Underwear), Elmira, N. Y.
Empire Knitting Mills, 1701 N Ashland, Chicago, Ill.
Empire Knitting Mills, 236 Bank, Newark, N. J.
Empire Knitting Works, 10 Varet, Brooklyn, N. Y.
European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.
Evans Chas. Jr., Needham Heights, Mass.
Fain Knitting Mills, 902 Park av, Brooklyn, N. Y.
Federal Knitting Mills Co., Detroit & W 29th, Cleveland, O.
Fergus Falls Knitting Works, Fergus Falls, Minn.
Fitwell Knitting Co. (Men's Worsted Underwear), Cohoes, N. Y.
Fleischer Ernst Knitting Co., 379 11th av, Milwaukee, Wis.
Florence Knitting Mills, 1849 E Venango, Phila., Pa.
Franklin Knitting Mills, 511 E 72d, New York
Friedman Blau Farber Co., Perkins & E 37th, Cleveland, O.
Fromm S., 93 Underhill av, Brooklyn, N. Y.
Fruchthendler L. & Co., 616 E 5th, New York
Gantner & Mattern Co., Grant av & Post, San Francisco, Cal.
Garon I., Duluth, Minn.
Germania Knitting Works, 440 Canal, New York
Gernshyn Hy. & Bro., 32 Stockton, Brooklyn, N. Y.
Gibralter Knitting Mills, 1010 W 12th, Chicago, Ill.
Gilbert Knitting Co., Little Falls, N. Y.
Golden Belt Mfg. Co. (Hosiery), Durham, N. C.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Goodenow-Brookfield Knitting Co., 420 B'way, Kansas City, Mo.
Gotham Knitting Mills, 30 W 21st, New York
Graef Christ, 2261 N 2d, Phila., Pa.
Grand Knitting Works, 291 Essex, Brooklyn, N. Y.

SWEATERS, CARDIGANS, ETC.—cont.
Great Western Knitting Co., 110 Buffalo, Milwaukee, Wis.
Green-Haas-Schwartz Co., Euclid av & E 57th, Cleveland, O.
Hamburg Knitting Mills, 685 Park av, Brooklyn, N. Y.
Hamilton Hosiery Mills, Hamilton, N. Y.
Hamilton Knitting Mills, 70 3d, Brooklyn, N. Y.
Hand Knit Hosiery Co., Two Rivers, Wis.
Harvard Knitting Mills, 19 E 24th New York
Hatheway & Reynolds, Oriskany Falls, N. Y.
Hayes Textile Co. (Underwear), Oswego, N. Y.
Hellmer M., 311 Poplar, Phila., Pa.
Hermanson Severin S., Marinette, Wis.
Highland Knitting Mill Highland, N. Y.
Highland Worsted Mills, Camden, N. J.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Hoag C. F. Co., Poughkeepsie, N. Y.
Houlton Woolen Mill, Houlton, Me.
Hummel W. F., 936 3d, Milwaukee, Wis.
Hutton Mfg. Co., 315 Arch, Phila., Pa.
Hygienic Fleeced Underwear Co., 2415 N Howard, Phila., Pa.
Hygrade Knitting Mills, 777 S 18th, Newark, N. J.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.
Imperial Knitting Co., 1075 3d, Milwaukee, Wis.
Inland Knitting Works, Green Bay, Wis.
Jersild Knitting Co., Neenah, Wis.
K. F. Textile Mills, Inc. (Underwear), Utica, N. Y.
Kaiser Knitting Works, 260 Stone av, Brooklyn, N. Y.
Keefer & Maxwell, Camillus, N. Y.
Kellner Knitting Co., 5100 Euclid av, Cleveland, O.
Kenosha Knitting Co., Kenosha, Wis.
Key E. H., Fort Hunter, N. Y.
Keystone Underwear Co., Lititz, Pa.
Kinderhook Knitting Co., Kinderhook, N. Y.
Kingston Knitting Co., 37 Kingston, Boston, Mass.
Knit Goods Mfg. Co., 196 Palmeto, Brooklyn, N. Y.
L. & P. Knitting Co., Hawley, Pa.
Lake Superior Knitting Works, Appleton, Wis.
La Tosca Knitting Company, Utica, N. Y.
Lenox Knitting Works, 400 Nostrand av, Brooklyn, N. Y.
Levin Wm., 204 Canal, New York
Levine & Co., 291 Essex, Brooklyn, N. Y.
London Knitting Mills, 371 Quincy, Brooklyn, N. Y.
Longisland Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.
Lorio Jacob, Dedham, Mass.
Lowenthal Max & Sons, Rochester, N. Y.
Maer Knitting Mills, 392 B'way, New York
Malden Knitting Mills, Malden, Mass.
Mansfield Jos. W., 1527 Ridge av, Phila., Pa.
Marinette Knitting Mills, Marinette, Wis.
Mendelson Hermon, 159 Court, Brooklyn, N. Y.
Michigan Knitting Co., Lansing, Mich.
Miehpaul Mfg. Co., Orchard & Trsdl. Phila., Pa.
Minnesota Knitting Mills, 514 St. Peter St. Paul, Minn.
Model Knitting Works, Salt Lake City, Utah
Model Mfg. Co., 442 B'way, New York
Mohawk Valley Cap Factory, Utica, N. Y.
Monarch Knitting Co., Buffalo, N. Y.
Morgan Knitting Mills ("Veco"), 457 18th av, Newark, N. J.
Muller Julius, 13 Bleecker, Brooklyn, N. Y.
National Knitting Works, Randolph & Jefferson, Phila., Pa.
National Knitting Works Co., 1967 E 57th, Cleveland, O.
Nehrich R. B., 1260 B'way, Brooklyn, N. Y.
Newark Knitting Works, 587 S 10th, Newark, N. J.
New Way Knitting Co., Williamston, Mich.
N. Y. Knitting Mills, 141 Wooster, New York
Noon E. & Son, 4019 Gtn. av, Phila., Pa.
North American Knitting Mills, 740 Flushing av, Brooklyn, N. Y.
Northern Knitting Mills, 57 W 19th, New York
Northfield Knitting Co., Northfield, Minn.
Northland Knitting Co., 1301 Central av, Minneapolis, Minn.
Norwich Knitting Co., Norwich, N. Y.
Novelty Knitting Mills, 1015 Diamond, Phila., Pa.
Nusbaum D. & Co., 341 5th av, New York
Okeh Hosiery Mills ("Okeh" Infants'), Lemoyne, Pa.
Olympia Knitting Mills, 540 B'way, New York
Olympian Knit Goods Co., New Hartford, N. Y.
Oneida Knitting Mills (Underwear), Utica, N. Y.
Osborne Wm., 1118 W Montgomery av, Phila., Pa.
Pacific Knitting Mills, Los Angeles, Cal.
Pacific Knitting Mills, Seattle, Wash.
Passaic Knitting Works, Garfield, N. J.
Pearl Waist Co., Inc. (Underwear), Cohoes, N. Y.
Penna. Knitting Mills, 16th & Callowhill,

Pfister J. J. Knitting Co., Berkeley, Cal.
Pioneer Knitting & Mfg. Co., 326 Market, Phila., Pa.
Posern Herman, 1808 South, Phila., Pa.
Progressive Knitting Works,, 435 B'way, Brooklyn, N. Y.
Puritan Knitting Mills, Juniper & Vine, Phila., Pa.
Quaker City Sweater Mills, 1421 Wallace, Phila., Pa.
Rensselaer & Valatie Mills, Valatie, N. Y.
Rex Knitting Co., Little Falls, N. Y.
Rich, Sampliner Co., Euclid & E 61st, Cleveland, O.
Richter Louis, 617 S 4th, Phila., Pa.
Riehm Knitting Mills, Adams & Unity, Frankfort, Phila., Pa.
Roff Underwear Co., Cohoes, N. Y.
Root Mfg. Co. (Tivoli Mills), Cohoes, N. Y.
Rosen Knitting Mills, 2698 Atlantic av, Brooklyn, N. Y.
Royal Knitting Mills, 846 W. Jackson blvd, Chicago, Ill.
Salt Lake Knitting Works, Salt Lake City, Utah
Sand Jno. A., 2408 W Chicago av, Chicago, Ill.
Saxony Knitting Co., Seattle, Wash.
Saxony Knitting Mills, Needham Heights, Mass.
Shoyer D. W. & Co., 30 Main, Brooklyn, N. Y.
Singer Knitting Mills, 251 Varet, Brooklyn, N. Y.
Society of Shakers, Enfield, N. H.
Spalding A. G. & Bros., 126 Nassau, New York
Specialty Knitting Works, 593 6th, Detroit, Mich.
Spicer John, 84 Woodbine, Brooklyn, N. Y.
Stall & Dean Mfg. Co., Brockton, Mass.
Standard Knitting Co., 2202 Superior av, N E, Cleveland, O.
Starrels Morris & Co., 2122 E Dakota, Phila., Pa.
Sterling Knit Goods Co., Stiles, Boston, Mass.
Sterling Mills, Ilion, N. Y.
Strauss Knitting Mills, 3220 N Clark, Chicago, Ill.
Suffolk Knitting Co., E. Boston, Mass.
Sunset Knitting Co. (Jersey), 334 Sutter, San Francisco, Cal.
Superior Mfg. Co., Hoosick Falls, N. Y.
Swansdown Knitting Co., Hudson, N. Y.
Tally-Ho Knitting Co., East Douglas, Mass.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
Treinis Bros., 126 13th, Brooklyn, N. Y.
Union Knitting Mills, 44 N 3rd, Phila., Pa.
Union Knitting Mills Co., Logan, Utah
Union Knitting Works, 110 Thatford av, Brooklyn, N. Y.
Union Mills , Hudson, N. Y.
United Knitting Co., 17th & Vine, Phila., Pa.
Utica Knitting Co., Utica, N. Y.
Visor Knitting Mills, Niagara Falls, N. Y.
Waymart Knitting Mill, Waymart, Pa.
Webber G. F., 1404H Gratiot, Detroit, Mich.
Wertheimer Bros., 289 6th av, New York
West Bros. (Underwear), Emerson & Harbor av, Syracuse, N. Y.
Western Knitting Mills, 231 Maujer, Brooklyn, N. Y.
Western Knitting Mills, 1140 Blue Island av, Chicago, Ill.
Wexler Knitting Mills, 29 N 2d, Phila, Pa.
Whitman Bros., Little Falls, N. Y.
Williamsburg Knitting Mills, 20 Bogart, Brooklyn, N. Y.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.
Wisconsin Knitting Mills, Manitowoc, Wis.
Wright & Ditson-Victor Co., 408 B'way, New York
Wye Geo. E. Co., Needham, Mass.
Wye Wm. H. & Co., Needham, Mass.
Yale Knitting Co., Malden, Mass.
Yale Knitting Mills, 514 B'way, New York
York Knitting Mills Co. (Hosiery), York, Pa.
Yund, Kennedy & Yund, Amsterdam, N. Y.
Zimmerman C. Son Co., 70 Tuers av, Jersey City, N. J.

14556— Sweepers (Carpet)

Bissell Carpet Sweeper Co. ("Bissell's"), Grand Rapids, Mich.
Curtis N. A. Mfg. Co., Columbus, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Goshen Sweeper Co., Grand Rapids, Mich.
Metal Stampings Corp. ("Sterling," "Streator," "Eureka"), Streator, Ill.
National Sweeper Div. of the Torrington Co. ("Torrington," "Peerless"), Torrington, Conn.

14557—Sweepers (Carpet, Vacuum)

See also Vacuum Cleaners, Hand & Power
Bissell Carpet Sweeper Co. ("Bissell's"), Grand Rapids, Mich.
Clements Mfg. Co. ("Cadillac"), 609 Fulton, Chicago, Ill.
Domestic Vacuum Cleaner Co. ("Domestic" Hand Power Suction), Torrington, Conn.
Elite Vacuum Cleaner Mfg. Co. ("Elite"), Kesner bldg, Chicago, Ill.
Hoover Suction Sweeper Co. ("Hoover Electric"), North Canton, O.
Household Mfg. Co. ("Sunshine"), 1221 Filbert, Phila., Pa.
National Sweeper Division of the Torrington Co. (Torrington Hand Power Suction), Torrington, Conn.
Peoria Can Co. ("Hoosier" Hand), Peoria, Ill.
Pneuvac Co. ("Sweeper-Vac"); Electric, 164 Fremont, Worcester, Mass.
Santo Vacuum Cleaner Co. ("Home"), 820 6th av, New York
United Vacuum Sweeper Co., 2445 W 19th, Chicago, Ill.
Wise McClung Mfg. Co. ("America"), New Philadelphia, O.

14558— Sweepers (Lawn)

Everwear Mfg. Co., Springfield, O.
Philadelphia Lawn Mower Co., 3101 Chestnut, Phila., Pa.

Sweepers (Street Railway)

See Street Railway Sweeping Machines

14559-60— Swings (Barrel)

Leavitt Machine Co., Orange, Mass.
Penn Hardware Co. ("Boston" Adjustable), Reading, Pa.
Reed Evan L. Mfg. Co., Sterling
Upton & Gilman Machine Co. ("Perfect"), Lowell, Mass.

14561— Swings (Lawn)

Austell Swing & Ladder Co., Austell, Ga.
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Barley Thos. K. ("Sedalia," "Boss"), Sedalia, Mo.
Border City Industrial Co., Border City, N. Y.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Eagle," Steel Reclining & Adjustable Seat, etc), Elizabethtown, Pa.
Bushnell Tank Works ("Bushnell"), Bushnell, Ill.
Canfield H. C. ("Home Comfort" Lawn or Porch), Batesville, Ind.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Challenge Co. ("Peerless," "Monarch," "Fairy" & "Royal" Wood), Batavia, Ill.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Consolidated Pump Co., Toledo, O.
Crescent Mfg. Co., Louisville, Ky.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dain Mfg. Co. ("Dain's Alaska"), Ottumwa, Ia.
Dowden Mfg. Co. (Ltd.), Prairie City, Ia.
Eureka Mower Co. ("Eureka"), 16 Hickory, Utica, N. Y.
Fleming & Sons Mfg. Co. ("Fleming"), Huntsville, Mo.
Florence Wagon Co., Florence, Ala.
Forbes Mfg. Co. ("Mogul"), Hopkinsville, Ky.
Fry Bros. Mfg. Co., Richmond, Ind.
Gem Mfg. Co., Nth., Girard, Pa.
Giant Mfg. Co., Council Bluffs, Ia.
Goshen Churn & Ladder Co. ("Winner," "Imperial," "No. 8," "Zephyr" & "Bonanza"), Goshen, Ind.
Goshen Mfg. Co., Goshen, Ind.
Grote F. Mfg. Co., Evansville, Ind.
Haggard & Marcusson Co. ("Comfort Swing Chair"), 1109 W 37th, Chicago, Ill.
Hay Tool Mfg. Co. ("Iowa"), Council Bluffs, Ia.
Hayes Pump & Planter Co., Galva, Ill.
Hopkins L. Mfg. Co., North Girard, Pa.
Kalamazoo Sled Co., Kalamazoo, Mich.
Keller Mfg. Co. ("Keller"), 1325 N E, Quincy, Minneapolis, Minn.
Lattimer W. H. & Sons, Orwell, N. Y.
Moulton C. W. H. Co. ("New England"), Somerville, Mass.
MYERS F. E. & BRO. ("Ashland" Low Down Roller), 900 Fourth, Ashland, O.
See adv index at end of book
Noll Bros. ("Bausman"), Bausman, Pa.
North Vernon Lumber Co. (Telescopic Assembled Lawn & Autonote Porch), North Vernon, Ind.
Ohio Rake Co. ("Arctic"), Dayton, O.
Reed & Rogers Mfg. Co., Vernon, Ind.
Royal Steel Products Co. (& Playground, Tubular Steel), 1440 B'way, New York
St. Charles Net & Hammock Co. (Steel), St. Charles, Ill.
Sechler D. M. Implement & Carriage Co., Moline, Ill.
Smith Fence & Iron Co. (Steel), Waynesboro, Pa.
Southern Chair Co., High Point, N. Car.
Specialty Mfg. Co. ("Columbia"), Titusville, Pa.
Superior Hay Stacker Mfg. Co. (Superior Horizontal), Linneus, Mo.
Superior Ladder Co., Goshen, Ind.
Thornburgh Mfg. Co. ("Ideal" Folding), Bowling Green, O.
Western Wheelbarrow Mfg. Co. ("Monarch"), So. Fort Smith, Ark.
Weston Paper & Mfg. Co. ("Premier" Swing & Hammock Combined), Dayton, O.
Williams Mfg. Co. ("So-Ezy"), Macon, Ga.
Young Bros. Co., Worcester, Mass.

14562— Swings (Porch)

Argus Novelty Co. (Baby), La Porte, Ind.

Baker J. R. & Sons Co. (Adjustable) ("Metal") Kendallville, Ind.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Bowser R. M. & Son, Renfrew, Pa.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Challenge Co., Batavia, Ill.
Consolidated Pump Co., Toledo, O.
Fleming John S., Plymouth, Ohio
Fold Easy House Mfg. Co., McClure, Pa.
Gem Mfg. Co., Nth., Girard, Pa.
Goshen Churn & Ladder Co., Goshen, Ind.
Grote F. Mfg. Co., Evansville, Ind.
Hopkins L. Mfg. Co., North Girard, Pa.
Household Mfg. Co. (For Children), Royersford, Pa.
Hunt Spring Bed Co., Chattanooga, Tenn.
Martin & Heagy Mfg. Co., Elizabethtown, Pa.
Martin Steel Products Co. ("Restmore"), Mansfield, Ohio
Modern Mfg. Co. ("Little Giant," "Novelty"), Hagerstown, Md.
MYERS F. E. & CO. ("Myers"), 900 Fourth, Ashland, O.
See adv index at end of book
Perfection Mfg. Co. ("Rock-a-bye" baby), 2701H Leffingwell av, St. Louis, Mo.
St. Charles Net & Hammock Co., St. Charles, Ill.
Specialty Mfg. Co., Titusville, Pa.
Standard Novelty Works, Duncannon, Pa.
Superior Ladder Co., Goshen, Ind.
United States Wire Mat Co. ("U. S."), Decatur, Ill.
Webb Mfg. Co., Brookville, Pa.

14563—Switch Bars (Hard Fibre)

Continental Fibre Co. ("Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. ("Egyptian"), Wilmington, Del.
See adv index at end of book
Spaulding J. & Sons Co., Inc., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del.

Switch Locks (Railway)

See Locks, Car & Switch

Switch Stands

See Switches, Switch Stands & Fixtures

14564—*Switchboard Details

General Devices & Fittings Co., 803H W Madison, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

14565— Switchboards (Light & Power)

A. G. Mfg. Co. (Metering Panel), Seattle, Wash.
Adam Frank Electric Co. ("F.-A."), 904-14 Pine, St. Louis, Mo.
Adams-Bagnall Electric Co., Platt av, Cleveland, O.
Advance Electric & Mfg. Co., Kansas City, Mo.
Alberene Stone Co. (Soapstone), 233 E 23rd, New York
Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Bangor Structural Slate Co. (Electric Switchboard Slates), Bangor Pa.
Barber Elec. Mfg. Co., N. Attleboro, Mass.
Barkelew Elec. Mfg. Co., Middletown, Ohio
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
Benjamin W. A., 1157 E 20th, Los Angeles, Cal.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Betts & Betts Corp., 513 W 42d, New York
Bissell F. Co. ("Bissell"), Toledo, O.
Blake Electric Mfg. Co. ("Macfarlane"), 1 Rowes wharf, Boston, Mass.
Bousted Elec & Mfg Co., 16 E Hennepin av, Minneapolis, Minn.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Butte Engineering & Elec. Co. (Dealers), 530 Folsom, San Francisco, Cal.
California Elec. Supply Co., 643 Mission, San Francisco, Cal.
Chicago Switchboard Mfg. Co., 426 S Clinton, Chicago, Ill.
Clark & Flanagan, Fair Haven, Vt.
Cleveland Switchboard Co., 2925 E 79th, Cleveland, O.
Commercial Switchboard Mfg. Co., Denver, Colo.
Condit Electrical Mfg. Co. ("Condit" Alternating Current & Direct Current), 1st & L, Boston, Mass.
Connecticut Elec. Mfg. Co., Conn. av, Bridgeport, Conn.
Consolidated Elec. Mfg. Co. (Panelboards), 223 N 13th Phila., Pa.
Consolidated Engineering Co., Jacksonville, Fla.
C. & P. Elec. Wks. (Metering Panels), Springfield, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter Geo. C. ("McWilliams" Metering, "Cutter's"), South Bend, Ind.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Drendell Electric & Mfg. Co., 1345 Howard, San Francisco, Cal.
DUQUESNE ELECTRIC & MFG. CO., Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Electric Apparatus Co., 127 S. Green, Chicago, Ill.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
Electrical Automatic Appliance Co., Denver, Colo.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Electrical Testing Co. (Farm Ltg.), Peoria, Ill.
Engberg Electrical & Mechanical Works, St. Joseph, Mich.
Euclid Stone & Brick Co. ("Euclid" & High Resistance Oxydized Stone), Cleveland, O.
Fisher Electric Works, 32 Lynn, Detroit, Mich.
Flint Elec. & Mfg. Co. (Panelboards), 1402 Delgany, Denver, Colo.
Ft. Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Heinemann Geo., 728 Girard av, Phila., Pa.
Hewitt & Warden, Newburgh, N. Y.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Horne Mfg. Co., 4 College pl, Brooklyn, N. Y.
Iron Specialty & Elec. Co. (Panelboards), 166 E 144th, New York
Keystone Elec. Mfg. Co., Cleveland, Ohio
Knoeller Electric Co., De Pere, Wis.
Krantz Mfg. Co. ("Jones"), 169 7th, Brooklyn, N. Y.
Kuhlman Engrg. Co., Toledo, Ohio
Kurz & Root, Appleton, Wis.
Large-Dial Mfg. Co., 606 Cherry, Phila., Pa.
Lauson-Lawton Co., De Pere, Wis.
Leonard-Bundy Elec. Co., 433 Champlain av, Cleveland, O.
Louisiana Metal Cabinet Works, 1019 Bienville, New Orleans, La.
McCarthy Bros. & Ford, Buffalo, N. Y.
Massachusetts Elec. Co. (Panelboards), Worcester, Mass.
Mendell Mfg. Co., New Bedford, Mass.
Metropolitan Elec. Co., 524 1st, Seattle, Wash.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Metropolitan Engrg. Co., 1250 Atlantic av, Brooklyn, N. Y.
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.
Monson Maine Slate Co. (Slate), 112 Water, Boston, Mass.
Mutual Electric & Machine Co. ("Bulldog" A. C. & D.), 232 Fort, W, Detroit, Mich.
New Haven Switch Co., North Haven, Conn.
Newgard Henry & Co., 947 Washington blvd, Chicago, Ill.
Nyelec Switchboard Co., 422 E 53d, New York
O'Day Bros. (Slate), Hydeville, Vt.
Penn. Electrical & Mfg. Co., Irwin, Pa.
Pennefather J. S. (Theatre), 500 W 144th, New York
Penrhyn Slate Co. (Slate), Hydeville, Vt.
Perfection Storage Battery Co. ("Jupiter," "Perfection"), 500 E 40th, Chicago, Ill.
Peterson Chas. J. & Co., 725 Fulton, Chicago, Ill.
Phila. Elec. Const. Co., Heed bl., Phila., Pa.
Pittsburgh Elec'l & Mach. Wks., Barker pl, Pittsburgh, Pa.
Portland El. Maintenance Co., Portland, Ore.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Pringle Elec'l Mfg. Co., 1906 N 6th, Phila., Pa.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Sackett H. I. Elec. Co., 256 Pearl, Buffalo, N. Y.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.
Schmidt A. R. Elec. Co., 262 E Water, Milwaukee, Wis.
Service Elec. & Mfg. Co., Minneapolis, Minn.
Shull Co., Conduit rd & Eliot N. W., Washington, D. C.
Sprague Elec. Wks. of G. E. Co. (Theatre), 527 W 34th, New York
Standard Mechanical Equipt. Co., Dallas, Texas
Stecker Elec. & Machine Co., Dewey, Detroit, Mich.
Steele W. M., Worcester, Mass.
Sterling Switchboard Co., Camden, N. J.
Structural Slate Co., Pen Argyl, Pa.
See adv index at end of book

ELECTRICAL SLATE
for
SWITCHBOARDS
Structural Slate Co.
Pen Argyl, Pa.

Superior Electric Mfg. Co., 2416 University av S E, Minneapolis, Minn.
Tanner Wm. F. & Co., 511 S Sharp, Baltimore, Md.
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co. ("Trumbull"), Plainville, Conn.
Trumbull Vanderpoel Elec. Mfg. Co., Bantam, Conn.
Walker Electric Co. (Slate & Marble), 2337 Callowhill, Phila., Pa.
Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White H. P., 1625 Ranstead, Phila., Pa.
Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.
Wurdack Wm. Elec. Mfg. Co., 21 11th, St. Louis, Mo.

14566—Switchboards (Telephone)

See also Telephones & Apparatus

American Electric Co. ("America," "1900," "Burn's Express"), 6401 State, Chicago, Ill.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
B. R. Electric Co., Kansas City, Mo.
Century Telephone Const. Co., Buffalo, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Clark & Flanagan, Fair Haven, Vt.
Connecticut Telephone & Electric Co. (Inc.), Meriden, Conn.
Couch S. H. Co., 170 Purchase, Boston, Mass.
Garl Electric Co., Akron, O.
Gem Stopper Co., 2120 Nicholas, Phila., Pa.
Kellogg Switchboard & Supply Co. ("Service"), 1066 W Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Leich Electric Co., Genoa, Ill.
Loeffler Louis J., 20 Fulton, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.
Monarch Telephone Mfg. Co., Ft. Dodge, Iowa
North Electric Mfg. Co. (Automanual), Galion, O.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Russell Electric Co., Danbury, Conn.
Stanley & Patterson Inc., 23 Murray, New York
STROMBERG - CARLSON TELEPHONE MFG. CO., 1050 University av, Rochester, N. Y.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14567—Switchboards (Theatre)

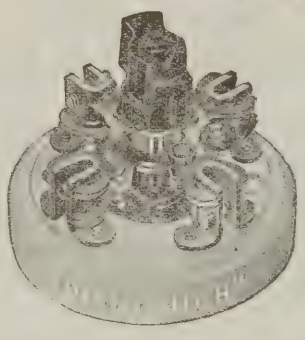
Adam Frank Electric Co. ("F. A."), 904-14 Pine, St. Louis, Mo.
Advance Electric & Mfg. Co., Kansas City, Mo.
Bissell F. Co., Toledo, O.
Clark & Flanagan, Fair Haven, Vt.
Consolidated Engineering Co., Jacksonville, Fla.
Crouse-Hinds Co., Syracuse, N. Y.
Holzmuller C. J., 1063 Mission, San Francisco, Cal.
Mutual Electric & Machine Co., 232 Fort W., Detroit, Mich.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Steele W. M., Worcester, Mass.
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.
Universal Elec. Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

14567a— Switches

Ashland Electric Co., 1517 Haddon av, Chicago, Ill.
Chicago Elec. Mfg. Co., 2817H S Halsted, Chicago, Ill.
Easton Car & Construction Co. (Mine), 198 Fulton, New York
See adv index at end of book

"DIAMOND H" SWITCHES

SEND FOR CATALOGUE



TRADE H MARK



MANUFACTURED BY

HART MANUFACTURING CO., Hartford, Conn.

SWITCHES—continued

Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Knickerbocker Annunciator Co. (Emergency), 116 West, New York
Lakewood Engng. Co., Cleveland, O.
Peterson Chas. J. Co. (Electric), 723 Fulton, Chicago, Ill.

14568— Switches (Air Brake)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialties Co., Inc., Albany, N. Y.
Schweitzer & Conrad, Inc. ("S & C" High Tension), 4431 Ravenswood av, Chicago, Ill.

14569—Switches (Automatic)

Allen-Bradley Co. ("Allen-Bradley" Electrically Operated), 286 Greenfield, Milwaukee, Wis.
Automatic Switch Co. ("Whittingham" Quick Break Tank Switch, etc), 4 White, New York
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Chicago Automatic Switch Co. (Bilge & Condensation Pump Float), 900 W Lake, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialties Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.
Trumbull-Vanderpoel Electric Mfg. Co., Bantam, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co. (Storage Battery), Worcester, Mass.

14570—Switches (Automatic Door)

Arrow Electric Co. ("Arrow E."), Hartford, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
Edwards & Co. ("Lungen," "Eco."), Exterior av, & 140th, New York
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Sechrist A. Mfg. Co., Denver, Colo.

14571—Switches (Automatic Rail-Road)

American Mine Door Co. ("Canton" Switch Thrower), Canton, O.
Bethlehem Steel Co., So. Bethlehem, Pa.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
N. Y. Switch & Crossing Co., Hoboken, N. J.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Ramapo Iron Works, Hilburn. N. Y.
Signal Accessories Corp., Utica, N. Y.
United States Electric Signal Co. ("American" Automatic Electric Track), West Newton, Mass.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

14572—Switches (Automatic & Remote Control)

Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York
Twinvolute Pump & Mfg. Co., 55 William, New York

14573—Switches (Automobile)

American Coil Co. (Electric), Foxboro, Mass.
Bryant Electric Co., Bridgeport, Conn.
Caskey-Dupree Mfg. Co., Marietta, Ohio
Chicago Electric Mfg. Co. ("Handy"), 2817 S Halsted, Chicago, Ill.
Clum Mfg. Co., 23 Erie, Milwaukee, Wis.
Connecticut Telephone & Electric Co. (Inc.) (Electric), Meriden, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dayton Electrical Mfg. Co., Dayton, O.
Edwards & Co. (Electric), Exterior & 140th, New York
Eldredge Electric Mfg. Co. (Electric), Springfield, Mass.
HART MFG. CO. ("Diamond H." Lighting & Starting), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co ("H & H." Electric), Hartford, Conn.
Hartman Electrical Mfg. Co., Mansfield, O.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Leece-Neville Co., 5363 Hamilton av, Cleveland, O.
McKibben G. N. (Electric), South Norwalk, Conn.
MORSE FRANK W., 289 Congress, Boston, Mass.
See adv index at end of book
Mutual Electric & Machine Co. (Self Starting), 232 Fort W., Detroit, Mich.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
North East Electric Co., Rochester, N. Y.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Perfection Supply Co. (Electric), 98 Park pl, New York
Seidler-Miner Co. (Electric), 36 E Larned, Detroit, Mich.
Trumbull Electric Mfg. Co. (Electric), Plainville, Conn.
Utility Co. (Electric), 636 W 44th, New York
Weeber C. F. Mfg. Works (Electric), Albany, N. Y.

14574—Switches (Automobile Lighting)

Beaver Machine & Tool Co., Inc., 625 N 3d, Newark, N. J.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
MORSE FRANK W. ("Morse," "Harwood," "Pullrite," "Sta-Rite"), 289 Congress, Boston, Mass.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14575— Switches (Battery)

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Chicago Elec. Mfg. Co., 2817 S Halsted, Chicago, Ill.
Clum Mfg. Co., Montgomery bldg, Milwaukee, Wis.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Couch S. H. Co., Norfolk Downs, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dow Mfg. Co., Braintree, Mass.
Edwards & Co., 140th & Exterior, New York
Fahnestock Elec. Co., Meadow, Long Island City, N. Y.
Hart & Hedgeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Jefferson Electric Mfg. Co., 430 S Green, Chicago, Ill.
Keil Francis & Son, 401 E 163rd, New York
Kurz & Root, Appleton, Wis.
Metal Specialty Mfg. Co. ("Presto" Push & Pull), 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Morse," "Harwood," "Pullrite," "Sta-Rite"), 289 Congress, Boston, Mass.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Oettinger F. W. Corp., 70 E 45th, New York
Ostrander W. R. & Co., 371 B'way, New York
Patrick & Wilkins Co., 51 N 7th, Phila., Pa.
Quick Action Ignition Co. ("Quick Action"), South Bend, Ind.
Quick Action Ignition Co., South Bend, Ind.
Reliable Electric Co. ("Acme"), 411 S Sangamon, Chicago, Ill.
Samson Elec. Co., 146 Summer, Canton, Mass.
Trumbull Electric Mfg. Co., Plainville, Conn.
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Wood C. D. Elec. Co. ("Bear Cat"), 441 B'way, New York

14576— Switches (Canopy)

Beaver Machine & Tool Co., Inc., 625 N 3rd, Newark, N. J.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14577— Switches (Ceiling)

Bryant Electric Co., Bridgeport, Conn.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leveridge Chas. W. ("L. & L."), 133 Liberty, New York
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Sorensen P., 18 Dunham pl, Brooklyn, N. Y.
Waldman Jno. J. 64 Murray, New York

14578— Switches (Coil)

American Coil Co. ("American" for Dash Coils & Marine Works), Foxboro, Mass.
Connecticut Telephone & Electric Co., Meriden, Conn.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14579— Switches (Combination & Cut-out)

Barkelew Electric Mfg. Co., Middletown, Ohio
Bryant Electric Co., Bridgeport, Conn.
CHICAGO FUSE MFG. CO., Laflin & 15th, Chicago, Ill. *See adv index at end of book*
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Eismann Magneto Corp. (Cut-Out), 32 33d, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Heineman Geo., 728 W Girard av, Phila., Pa.

Mesa Fernando C. Co., Dept. H, Colt & Chancellor av, Irvington, N. J.
Mutual Electric & Machine Co. (Cut Out), 232 Fort W., Detroit, Mich.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Paiste H. T., 3201 Arch., Phila., Pa.
Signal Accessories Corp., Utica, N. Y.
Trumbull Elec. Mfg. Co., Plainville, Conn.
Worcester Electric & Mfg. Co., Worcester, Mass.

14579a— Switches (Control)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
Edwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.

Switches (Derailing)

See Derailers

14580-1—Switches (Disconnecting)

Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis.
Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.
Bowle Switch Co., 14 Montgomery, San Francisco, Cal.
Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
DELTA-STAR ELECTRIC CO., 2437 Fulton, Chicago, Ill.
Detroit Fuse & Mfg. Co. (Fuse Switch Boxes), 1400 Rivard, Detroit, Mich.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Elec. Engrs. Equipt. Co., 711 Meridian, Chicago, Ill.
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Electrical Development & Machine Co., 221 N 23rd, Phila., Pa.
Elec. Service Supplies Co., 17th & Cambria, Phila., Pa.
Fisher Chase Mfg. Co., 118 Parsons av, Columbus, O.
General Devices & Fittings Co., 803 W Madison, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Johns-Manville Inc. (Safety), Madison av & 41st, New York
K-P-F Elec. Co., San Francisco, Cal.
Kelman Elec. & Mfg. Co., 1650H Naud, Los Angeles, Cal.
Lord Mfg. Co. ("Leco"), 105 W 40th, New York
Niagara Insula-Bake Specialty Co. (Electric), Inc., Albany, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Phila. Elec. Co., 10th & Chestnut, Phila., Pa.
Pringle Elec. Mfg. Co., 1906 N 6th, Phila. Pa.
Railway & Industrial Engng. Co., Peoples Bank bldg, Pittsburgh, Pa.
Royal Elec. Mfg. Co., 55 E 40th, Chicago, Ill.
Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.
Trumbull Elec. Mfg. Co., Plainville, Conn.
Worcester Electric & Mfg. Co., Worcester, Mass.

14582—Switches (Electric Oil)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Niagara Insula-Bake Specialty Co. (Electric), Inc., Albany, N. Y.

14583— Switches (Fixture)

Beaver Machine & Tool Co., Inc., 625 N 3rd, Newark, N. J.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
McGILL MFG. CO., 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14584—Switches (Float, Electric)

Chicago Automatic Switch Co., 212 N Peoria, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

14585—Switches (Flush, Push Button)

Arrow Electric Co. ("Arrow"), Hartford, Conn.
Chelton Electric Co. ("Chelton," Shallow Push), Stenton & Rockland, Phila., Pa.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Cutter Electrical & Mfg. Co. ("L. S. F."), 501 N 19th, Phila., Pa.
GENERAL ELECTRIC CO. (Rosettes, Switches, Tumbler, Surface Type, Snap), Schenectady, N. Y. *See adv index at end of book*
Hart & Hegeman Mfg. Co. ("H. & H.," "Nutmeg"), Hartford, Conn.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
McGILL MFG. CO., 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Metropolitan Electric Mfg. Co. ("Metropolitan" Detachable Flush), 14th Long Island City, N. Y.
MORSE FRANK W. ("Morse," "Workrite"), 289 Congress, Boston, Mass. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Standard Elec. Manfg. Co., 216 N Clinton, Chicago, Ill.

14586—Switches (Fused Service)

Detroit Fuse & Mfg. Co. ("Detroit," Iron Clad), 1400 Rivard, Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Matthews W. N. & Bro. Inc. ("Matthews," "Fuswitch," 2922 Easton av, St. Louis, Mo.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

14586a—*Switches (Heat)

Hart Mfg. Co. ("Diamond H."), 230 Hamilton, Hartford, Conn. *See adv index at end of book*

14587—Switches (High Voltage)

Ajax Electric Co., 56 Baldwin av, Jersey City, N. J.
Clark Elec. & Mfg. Co., 149 B'way, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Eureka Co., North East Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.
Walker Electric Co, 2337 Callowhill, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa. *See adv index at end of book*

14588— Switches (Horn)

Bowle Switch Co. (Break), 14 Montgomery, San Francisco, Cal.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
MORSE FRANK W. ("Jost-Horn"), 289 Congress, Boston, Mass. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

Switches (Industrial Railway)

See Railways, Industrial & Portable

14588a—Switches (Industrial Track)

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*
CENTRAL FROG & SWITCH CO., Cincinnati, O. *See adv index at end of book*
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Lakewood Engineering Co., Cleveland, O.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.

14589—Switches (Interlocking)

American Valve & Meter Co., Cincinnati, O.
Cleveland Frog & Crossing Co., Cleveland, Ohio
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

14590— Switches (Knife)

Adam Frank Electric Co. (Type A. B. F.), 904-14 Pine, St. Louis, Mo.
A. G. Mfg. Co. (Remote Control), Seattle, Wash.
Anderson Albert & J. Mfg. Co., 289 A, Boston, Mass.
Automatic Switch Co. (Pressure Regulating, Remote Control), 4 White, New York
Banner Electric Wks. of G. E. Co., Youngstown, O.
Barkelew Elec. Mfg. Co. ("Barkelew" 30 to 2,00 Amperes, "Star," 3 to 600 Amperes), Middletown, O.
Blake Electric Mfg. Co. ("Macfarlane"), 1 Rowes Wharf, Boston, Mass.
Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co., Bridgeport, Conn.
Carman & Tryer, Indianapolis, Ind.
Cleveland Switchboard Co., 2925 E 79th, Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Condit Elec'l Mfg. Co. (Non-Resistance Motor Starters, Remote Control, Oil Break), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Consolidated Car Heating Co. (For Car Heat, Light "Quick Brake"), Albany, N. Y.
Crocker-Wheeler Co. ("Remek"), Ampere, N. J.
Crouse-Hinds Co. (Alsa Radial), Syracuse, N. Y.
Cutter Geo. Co. ("Paragon," "F. F."), South Bend, Ind.
DELTA STAR ELECTRIC CO., 2437 Fulton, Chicago, Ill.
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Elec. Mfg. Co., 112 Hamilton av, Cleveland, O.
Erner Electric Co., St. Clair av & E 2nd, Cleveland, O.
Eynons-Evans Mfg. Co. ("White"), N 15th & Clearfield, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co. (For Electric Heaters), 17 Battery pl, New York
Hart Mfg. Co. (Remote Control), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Heinemann Geo., 728 W Girard av, Phila., Pa.
High Tension Elec. Specialty Co. (Oil Break), Newton, Mass.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leader Iron Wks. (Pressed Regulating), Decatur, Ill.
Lemke Electric Co., 509 Cedar, Milwaukee, Wis.
Leonard-Bundy Electric Co., 433 Champlain av, Cleveland, O.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Marron Mfg. Co., Rock Island, Ill
Menominee Electric Mfg. Co. ("Davis"), Menominee, Mich.
Metropolitan Electric Mfg. Co. ("Metropolitan"), 14th, Long Island City, N. Y.
Milwaukee Vault & Electric Cabinet Box Co., 521 Market, Milwaukee, Wis.
Mutual Electric & Machine Co. ("Bulldog" All Copper), 232 Fort, W. Detroit, Mich.
New Haven Electric Mfg. Co., New Haven, Conn.
New Haven Switch Co., North Haven, Conn.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Pacific El. & Mfg. Co. (Oil Break), 827 Folsom, San Francisco, Cal.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Palmer Elec. & Mfg. Co. (Controller Remote Control), 60 K, Boston, Mass.
Parke Jno. Y. & Co., 29 N 7th, Phila., Pa.
Penn Electrical & Mfg. Co., Irwin, Pa.
Peterson Chas. J. Co., 725 Fulton, Chicago, Ill.
Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
P. R. Mfg. Co., Detroit, Mich.
Reliable Elec. Co. (Telephone or Battery), 3145 Carroll av, Chicago, Ill.
Rohn Geo. F., 524 Jackson, Milwaukee, Wis.
Springfield Electric Co., Springfield, Mass.
Square D. Co. (Non-Resistance Motor Starting), 1411 Rivard, Detroit, Mich.
Steele W. M., Worcester, Mass.
Sundh El. Co. (Remote Control), 51 E 42d, New York
Tanner Wm. F. & Co. 511 S Sharp, Baltimore, Md.
Trio Mfg. Co., Rock Island, Ill.
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co. ("Trumbull," Also Baby Knife), Plainville, Conn.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Walker Electric Co., 2337 Callowhill, Phila., Pa.
Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.
Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

14591— Switches (Lever)

GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
MORSE FRANK W. ("Keystone," "Harwood," "Handy," "Puritan"), 289 Congress, Boston, Mass. *See adv index at end of book*

SWITCHES (LEVER)—continued
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14592— Switches (Limit)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14592a— Switches (Manganese)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book

14593— Switches (Magnetic)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
HART MFG. CO. ("Diamond H," Remote Control), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Monitor Controller Co., 514 E Lomard, Baltimore, Md.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14594— *Switches (Master)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14595—Switches (Motor Starting)

Crouse-Hinds Co., Syracuse, N. Y.
Marsh & Lippincott, 47 Kearny, San Francisco, Cal.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14595a—Switches (Narrow Gauge Track)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book
CENTRAL FROG & SWITCH CO., Cincinnati, O. *See adv index at end of book*
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Easton Car & Construction Co., 198 Fulton, New York. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
Niagara Insula-Bake Speciality Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.

14596—Switches (Oil Break)

Alberene Stone Co. (Soapstone, Bases & Tops), 223 E 23rd, New York
Allis-Chalmers Mg., Co., Milwaukee, Wis.
Anderson Albert & J. M. Mfg. Co. (Time), 289 A, Boston, Mass.
Campbell Electric Co. (Automatic), 17 Stewart, Lynn, Mass.
Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Kelman Elec. & Mfg. Co., 1650H Naud, Los Angeles, Cal.
Mushet W. E. Co. ("Wenco," "Safety"), 502H Mission, San Francisco, Cal.
Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W. Detroit, Mich.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

14597—*Switches (Overhead)

Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14598— Switches (Pendant)

Arrow Electric Co. ("Arrow"), Hartford, Conn.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Bryant Electric Co. ("Bryant"), Bridgeport, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO. (& Through Cord), Schenectady, N. Y.
See adv index at end of book
Gleason James E. Co. (Gem Pendant & Flush), 560 W Monroe, Chicago, Ill.
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Hart Mfg. Co., 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hubbell Harvey (Chain Pull), Bridgeport, Conn.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Pass & Seymour ("P. & S."), Solvay, N. Y.
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Union Electric Co. (Push Button Pendant), Trenton, N. J.

14599— Switches (Plug)

MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Motsinger Device Mfg. Co. ("Motsinger Faultless"), Lafayette, Ind.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14600— Switches (Poletop)

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Electric Power Equipment Corp., 13th & Wood, Phila., Pa.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Schwietzer & Conrad, Inc. ("S & C"), 4431 Ravenswood av, Chicago, Ill.

14600a—Switches (Portable Track)

AMERICAN FROG & SWITCH CO., Hamilton, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, Ohio
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Veithardt Steel & Metal Corp. (Mill Representatives), 15 Park Row, New York

14600b— *Switches (Pull)

General Electric Co., Schenectady, N. Y.
See adv index at end of book
Signal Accessories Corp., Utica, N. Y.

14600c—Switches (Pull & Push)

Connecticut Telephone Co., Meriden, Conn.
Cutler Hammer Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Morse Frank W. ("Morse," "Pullrite," "Sta-Rite"), 289 Congress, Boston, Mass. *See adv index at end of book*

Switches (Push Button)

See Switches, Snap & Push

14601—Switches (Reversing Motor)

Automatic Switch Co. ("Whittingham," for Elevators, etc), 4 White, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14602—Switches (Rotary Flush & Push Button)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14603—Switches (Signal or Target)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia" for Electric Ry. Service), Atlantic av & Chestnut, B'klyn, N. Y.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Signal Accessories Corp., Utica, N. Y.

14604—Switches (Snap, Ordinary)

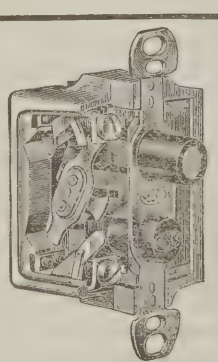
Arrow Electric Co. ("Arrow"), Hartford, Conn.
Briggs & Stratton Co., 1047 Louis, Milwaukee, Wis.
Bryant Electric Co., Bridgeport, Conn.
Connecticut Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
Edwards & Co., 140th & Exterior, New York
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H.," "Hart"), Hartford, Conn
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Paulding John I., New Bedford, Mass.
Standard Elec. Mfg. Co., 216 N Clinton, Chicago, Ill.
Western Elect. Co. (Toggle), 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

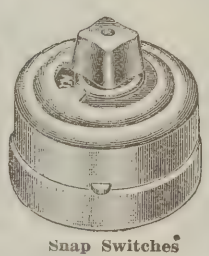
14605—Switches (Snap & Push)

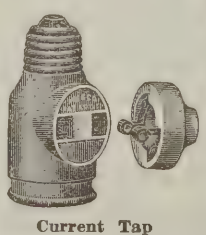
Arrow Electric Co. ("Arrow E," Push), Hartford, Conn.
Austin M. B. & Co. (Push), 706 W. Jackson blvd, Chicago, Ill.
Bryant Electric Co. ("Bryant," Snap & Push), Bridgeport, Conn.
Chelton Electric Co. (Push Button), Stenton & Rockland, Phila., Pa.
Connecticut Elec. Mfg. Co. (Push Button), Conn. av, Bridgeport, Conn.
Cowles C. & Co. (Push Button), New Haven, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

MESCO PRODUCTS A Few of the 1000 Items We Make

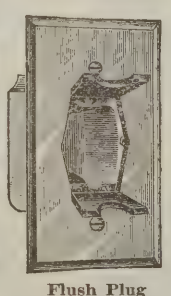
No. 4 Catalog on Request


Push Button Switch


Snap Switches


Current Tap


Separable Connector


Flush Plug Receptacles

MANHATTAN ELECTRICAL SUPPLY CO., INC.

NEW YORK, 17 Park Place
CHICAGO, 114 So. Wells Street
ST. LOUIS 1106 Pine Street
SAN FRANCISCO, 604 Mission Street

Cutter Electrical & Mfg. Co., 501 N 19th, Phila., Pa.
Flint Electric & Mfg. Co. (Snap & Push), Denver, Colo.
Fowler Lamp & Mfg. Co. ("Fowler" Push for Motor Cars & Boats), 59 E 24th, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hart & Hegeman Mfg. Co. ("H. & H.," "Nutmeg"), **Hartford, Conn.**
HART MFG. CO. ("Diamond H," Push Button), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Horne Mfg. Co., 4 College pl, Brooklyn, N. Y.
Keil Francis Son (Push Button), 401 E 163rd, New York
MANHATTAN ELECTRICAL SUPPLY CO. (Mesco Push Button Rotary), 17 Park pl, New York
See adv index at end of book
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Sundh Electric Co. (Remote Contact), 269 Parkhurst, Newark, N. J.
Trumbull Electric Mfg. Co. ("T," Rotary Snap), Plainville, Conn.
Union Elect. Co. (Push Button Pendant), Trenton, N. J.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14606— Switches (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14607—Switches (Solenoid Operated)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14608-9— Switches (Split)

Ajax Forge Co., 2503 Blue Island av, Chicago, Ill.
American Frog & Switch Co., Hamilton, O.
See adv index at end of book
Buda Co., Railway Exch. bldg, Chicago, Ill.
CENTRAL FROG & SWITCH CO., Cincinnati, O.
See adv index at end of book
Cincinnati Frog & Switch Co., Cincinnati, Ohio
See adv index at end of book

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

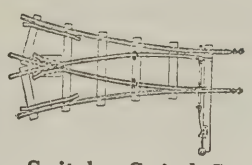
Cleveland Frog & Crosssing Co. ("The Lucas"), 6917 Bessemer av, Cleveland, O.
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Pettibone, Mulliken & Co. ("Transit" "Gauge" & "Channel"), 140 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
WHARTON WM. JR. & CO. INC. (Plain & "Tisco" Manganese Steel Tipped), Easton, Pa.

14610—Switches, Switch Stands & Fixtures

See also Frogs, Switches & Crossings; also Crossings; also Signals
Ajax Forge Co., 2503 Blue Island av, Chicago, Ill.
AMERICAN FROG & SWITCH CO., Hamilton, O. *See adv index at end of book*

Frogs, Switches, and Switch Stands
and track work of every description
AMERICAN FROG AND SWITCH CO.
Hamilton, Ohio

Am. Valve & Meter Co. ("Anderson" Interlocking, Quick Repair, Safety Switch, Lock Stands & "Economy"), 2833H Spring Grove av, Cincinnati, O.
Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co., So. Bethlehem, Pa.
Buda Co., Railway Exchange bldg, Chicago, Ill.
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book


Frogs Switches Switch Stands
Industrial Track Etc.
The Central Frog & Switch Co.
CINCINNATI, OHIO

Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crosssing Co. ("The Lucas"), 6917 Bessemer av, Cleveland, O.
Cleveland Railway Supply Co. ("Odenkirk," "Miller" Switchstands), Swetland bldg, Cleveland, Ohio
Conley Frog & Switch Co., Memphis, Tenn.
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Federal Signal Co., Albany, N. Y.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O. *See adv index at end of book*
Fox Bros. & Co., 126 Lafayette, New York
Frog, Switch & Mfg. Co., Carlisle, Pa.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Indianapolis Switch & Frog Co., Springfield, O.
Kilby Frog & Switch Co., Birmingham, Ala.
Levis Henry & Co., 303 Commercial Trust bldg, Phila., Pa.
See adv index at end of book
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
Lorain Steel Co., Johnstown, Pa.
McMyer-Interstate Co. (Switch Stands & Fixtures Only), Bedford, O.
Morden Frog & Crossing Works, ("Union") 208 S La Salle, Chicago, Ill.
Nelson Iron Works, 45 Spokane av, Seattle, Wash.
New York Switch & Crossing Co., Hoboken, N. J.
Niagara Insula-Bake Speciality Co., Inc., Albany, N. Y.
Pettibone, Mulliken & Co. ("Banner," "Globe," "Crown," "Axel," "Hub" & "Box" Switch Stands), 140 S Dearborn, Chicago, Ill.
Railway & Industrial Engineering Co., People Bank bldg, Pittsburgh, Pa.
Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Seattle Frog & Switch Co., Smith bldg, Seattle, Wash.
Signal Accessories Corp., Utica, N. Y.
Turi Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.
WEIR FROG CO., Foreign Dept., 43 Cedar, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WHARTON WM. JR. & CO. INC. ("W-J" & Others), Easton, Pa.

14610a—Switches (Synchronizing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

14611— Switches (Tank)

Automatic Switch Co., 4 White, New York
Chicago Pump Co., 2342 Wolfram, Chicago, Ill. *See adv index at end of book*
CUTLER-HAMMER MFG. CO. (automatic), 12th & St. Paul, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Electrical Repair Co., 548 W 25th, New York
Irish W. F. Electric Supplies ("Shamrock"), 130 W 132d, New York
Jarvis Engine & Machine Works, Lansing, Mich.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Leahy John J., 48 Dey, New York
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Partrick & Wilkins Co., 51 N 7th, Philadelphia, Pa.
Pringle Electrical Co., 1906 N 6th, Philadelphia, Pa.
Sundh Electric Co., 209 Parkhurst, Newark, N. J.
Twinvolute Pump & Mfg. Co., 55 William, New York
Waldman Jno. J., 64 Murray, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14612— Switches (Theatre)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
Crouse-Hinds Co., Syracuse, N. Y.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
Trumbull Electric Mfg. Co., Plainville, Conn.

14613—Switches (Time, Automatic)

Anderson Albert & J. M. Mfg. Co. ("Anderson"), 289 A, Boston, Mass.
A. & W. Electric Sign Co., W 3d & Prospect av, Cleveland, O.
Ballou Hutchins Electric Co., Providence, R. I.
Berry McKnight Clock Co., Marine City, Mich
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Central Burglar Alarm Co., 501 Rush, Chicago, Ill.
Electric Flasher Co., 80 5th av, New York
Esler Samuel M., 59 E Adams, Chicago, Ill.
Fenning L. T., Jackson, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hansen Mfg. Co., Princeton, Ind.
Hartford Time Switch Co. ("Hartford"), 71 Murray, New York
Jarvis Engine & Mach. Works, Lansing, Mich.
Kennedy-Webster Co. ("Commonsense"), 536 S Clark, Chicago, Ill.
McClintock O. B. Co., Minneapolis, Minn.
Macalaster-Wiggin Co., 66 Broadway, Boston, Mass.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Minerallic Electric Co. (Motor Ground), 1045 Washington blvd, Chicago, Ill.
National Time Switch Co., South Bend, Ind.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Paragon Elec. Co. ("Paragon"), 37 W Van Buren, Chicago, Ill.
Reliance Automatic Ltg. Co., Raçine, Wis.
Sorensen P., 18 Dunham pl, B'klyn, N. Y.
U. S. Air Compressor Co., Harvard av, Cleveland, Ohio
Waldman John J., 64 Murray, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14614—Switches (Track, Street Railway)

American Frog & Switch Co., Hamilton, O.
See adv index at end of book
New York Switch & Crossing Co., Hoboken, N. J.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Squires C. W. Mfg. Co. (Electric Track Switching), Beverly, Mass.
Weir Frog Co., Cincinnati, Ohio
Williams J. H. & Co. ("Vulcan" Drop-Forged Weldless), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
WHARTON WM. JR. & CO. INC. (Solid "Tisco" & "Tisco" Manganese Steel Centre Tongue Switches of "H. C. B." & "G. H." Designs), Easton, Pa.

14615— Switches (Trolley)

Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Railway Materials Co. ("Ryhmco"), Railway Exch. bldg, Chicago, Ill.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14616— *Switches (Tumbler)

GENERAL ELECTRIC CO. (Flush & Surface Types), Schenectady, N. Y.
See adv index at end of book
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.

Switches & Turn Tables (Mine)

See Railways, Industrial & Portable

14617—Switches & Frogs (Safety)

Allen-Bradley Co. (Non-Resistance Motor starting Switches), 286 Greenfield av, Milwaukee, Wis.
Niagara Insula-Bake Specialty Co., Inc., Albany, N. Y.
Ramapo Iron Works ("Mac Pherson"), Hillburn, N. Y.

14618— Swivels

AMERICAN WELL WORKS, THE, 112 B'way, Aurora, Ill.
See adv index at end of book
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons (Solid Flat, Nickle or Brass or Steel, etc), Chester, Conn.
Dent Hardware Co., Fullerton, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hoopes & Townsend Co. (Closed or Pipe, Open or Arm, etc.), Broad & Buttonwood, Phila., Pa
Lattimer-Stevens Co., 74 E Gay, Columbus, Ohio
Malleable Iron Fittings Co. (Galv. Mall. Iron) ("M. I. F. Co."), Branford, Conn.
Marine Hardware Equipment Co., South Portland, Me.
See adv index at end of book
Niagara Falls Metal Stamping Works ("Niagara," all Steel), Niagara Falls, N. Y.
Pratt Wm. E. Mfg. Co. (Chain, Lariat, etc), 35 W Lake, Chicago, Ill.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Stowell Co. (The), So. Milwaukee, Wis.
Union Tool Co., Lorrance, Cal.
Wilcox, Crittenden & Co., Inc. (Wrought Brass & Malleable), Middletown, Conn.
See adv index at end of book
WILLIAMS J. H. & CO. ("Vulcan" Hook & Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Wire Woods Co. (Steel Wire), Worcester, Mass.

14619— Swivels (Chain)

Fischer & Hayes Rope Steel Co., 742-744 W Van Buren, Chicago, Ill.
Lederer S. & B. Co. (Small Fancy), 100 Stewart, Providence, R. I.
Marine Hardware Equipment Co., South Portland, Maine.
See adv index at end of book
Ransome Concrete Machinery Co., Dunellen, N. J.
Stowell Co. (The), So. Milwaukee, Wis.
WILLIAMS J. H. & CO. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

14620— Swivels (Halter)

Frazer & Jones Co., Syracuse, N. Y.
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14621—Swivels (Punching Bag)

Cassady Fairbank Mfg. Co., 6106 S La Salle, Chicago, Ill.
Nicol & Co., 218 N Jefferson, Chicago, Ill.

14622—Swivels (Razor Strop)

Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14623— Swivels (Snap)

Wire Goods Co. (Steel Wire), Worcester, Mass.

14624—Swivels (Sucker Rod Joint)

Cook August D., Lawrenceburg, Ind.

14625— Swords

Ames Sword Co., Chicopee, Mass.
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Lilley M. C. & Co., 6th & Long, Columbus, O.
Schoenhut A. Co (Toy), Adams & Sepviva, Phila, Pa.

14626— Synchroscopes

Schweitzer & Conrad, Inc. (Recording), 4431 Ravenswood av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

14627— Syphons (Acid)

Eynon-Evans Corp. (Lead Lined), N 15th & Clearfield, Phila., Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

14627a— Syphons (Bilge)

Braender Bldg & Construction Co., 315 4th av, New York

14628—Syphons (Flush Tank)

Archer Geo. F., 10 E 43d, New York
Stary Frank & Sons, Cedar Rapids, Ia.

14629— Syphons (Glass)

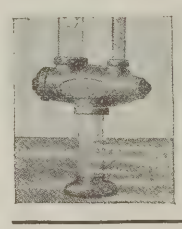
Illinois Glass Co., Alton, Ill.
Owens Bottle Co., Toledo, O.

14630—Syphons (Steam Gauge)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
CRESSMAN N. C. CO., Drexel bldg, Philadelphia, Pa.
Douds Frank C. & Co., New Castle, Pa.
Kelly & Jones Co. (Common), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Iron), 55 John, New York
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
National Gauge Co. (Pressure), 300 Pacific, Brooklyn, N. Y.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

14631—Syphons (Steam Jet)

Douds Frank C. & Co., New Castle, Pa.
SCHUTTE & KOERTING CO. ("Koerting" Universal Bilge), 1251 N 12th, Phila., Pa. *See adv index at end of book*



For handling liquids by means of steam jet. Simple; compact; reliable. Hand or automatic control. Also made water operated. *Catalog 2-A.*

Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa.

14632— Syringes (Glass)

Bobe P. Glass Wks., 2711 Lemp av, St. Louis, Mo.
Holland Instrument Co., 2314H N 11th, Phila., Pa.
Illinois Glass Co., Alton, Ill.

14633-4—Syringes (Hypodermic)

Banks F. S. & Co., 149 Church, New York
Beck & Dickinson, Rutherford, N. J.
Higgins Dental Mfg. Co. (Obtaining), Bellevue, O.
National Thermometer Co., 125 E 23d, New York
Randall-Faichney Co. ("Matchless," "Safety Triumph," "Imperial" Dental, etc), Boston, Mass.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

Syringes (Oil)

See Oil Guns & Syringes

14635— Syringes & Atomizers (Rubber)

Ajax Co., 220 W 57th, New York
American Hard Rubber Co., 9 Mercer, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co. (Syringes only), Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Holland Instrument Corp, 2314 N 11th, Frankford, Phila., Pa.
Marvel Co., 25 W 45th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha," "Omega"), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co. (Syringes Only), Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyler Rubber Co. ("Tyrian," All Kinds for All Purposes), Andover, Mass.
Vant Woud Rubber Co., 163 39th, Brooklyn, N. Y.
Whitall Tatum Co., 8 Barclay, New York

14636-7— Syrup (Corn)

American Maize-Products Co., 135 William, New York
Benham & Noyes, 12 B'way (Agents & Brokers), New York
Clinton Sugar Refining Co. ("Bilco"), Clinton, Iowa
Corn Products Refining Co., 17 Battery pl, New York
Hubinger J. C. Bros. Co., New Haven, Conn.
Stanley A. E. Mfg. Co., Decatur, Ill.
Union Starch & Refining Co., Edinburg, Ind.

14638— Table Claw Feet

Berbecker & Rowland Mfg. Co. (Solid Brass & Brass Plated, etc), Waterville, Conn.

14638a—Table Tops (Enameled Steel)

Enamel Products Co., Eddy rd & Taft av, Cleveland, O.
Vitreous Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*
Vitreous Steel Products Co., Nappanie, Ind.

14639—Tables (Adjustable, Reading)

Baker J. R. & Sons Co., Kendallville, Ind.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.

14640— Tables (Bed Side)

Baker J. R. & Sons Co. ("Multi-Use" Adjustable), Kendallville, Ind.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Sidway Mercantile Co. (Metal), Elkhart, Ind.
Walker Bros. Co. ("Ideal" Adjustable), Syracuse, N. Y.

14641— Tables (Bench)

Goodell-Pratt Co. (Adjustable), Greenfield, Mass.

14642—Tables (Billiard & Pool)

Alexander Warren, 607 Main, Worcester, Mass.
American Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, O.
Babcock Billiard Table Mfr., 401 S. Clinton, Syracuse, N. Y.
Briggs Oliver L. & Son, 61 Essex, Boston, Mass.
Brunner F. & Son, 671 Communipaw av, Jersey City, N. J.
Brunswick-Balke-Collender Co., 29 W 32nd, New York
Burrowes E. T. Co. (Portable), Portland, Me.
Came J. E. Co., 114 Sudbury, Boston, Mass.
Canfield Alfred, 199 Market, Newark, N. J.
Castle Chas. L., Syracuse, N. Y.
Clark Herd Mfg. Co., 2419 N Front, Phila., Pa.
Cleveland Billiard & Mfg. Co., 306 Prospect av, N E, Cleveland, O.
Dean C. P. Corp., Richmond, Va.
Decker Co., 62 Cooper sq, New York.
Delph's S. Sons, 4th & Liberty, Pittsburgh, Pa.
Dorr Wallie Co., 35 Murray, New York
Fowler J. L. Co., 1812 W Lake, Chicago, Ill.
Ginzburg M., 134 Bowery, New York
Hughes & Chipman, 1405 Maine, Kansas City, Mo.
Jungblut Aug. Co., 833 Fillmore, San Francisco, Cal.
Keafer L., 329 W Girard av, Phila., Pa.
Klenk August, 483 Alfred, Detroit, Mich.
Koehler & Hinrichs, St. Paul, Minn.
McFarland J. C. Co. (Steel Billiard), 520 W 36th, Chicago, Ill.
Minn Billiard Co., 1520 Buffum, Milwaukee, Wis.
National Billiard Mfg. Co., 20 W Canal, Cincinnati, O.
Passow & Sons (Supplies), 2101 S Allport, Chicago, Ill.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Schwikert Frank & Son, Rochester, N. Y.
Stillwater Mfg. Co., Stillwater, Minn.

14643— Tables (Brazing)

Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Tables (Brick Cutting)

See Brick Cutting Machinery

14644—Tables (Brick Dump)

Hadfield-Penfield Steel Co. (The), (Revolving), Bucyrus, O.
See adv index at end of book

14644a—Tables (Cafeteria, Lunchroom & Restaurant)

Hill C. V. & Co., 360H Pennington, Trenton, N. J.
McLean W. B. Mfg. Co., 729 Herron av, Pittsburgh, Pa.
National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
VITROLITE CO., Chamber of Commerce bldg., Chicago, Ill.
See adv index at end of book

14645— Tables (Canners')

Huntley Mfg. Co. ("Monitor" Tomato Peeling Tables), Silver Creek, N. Y.

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Link-Belt Company ("Link-Belt" Sanitary Peeling Tables), 300 W 39th, Chicago, Ill. *See adv index at end of book*

14646—Tables (Card & Folding)

Acme Novelty Co., Jamestown, N. Y.
Bear G. H. Furniture Co. (Folding Card), Allentown, Pa.
Burrowes E. T. Co. ("Forum," "Regis," "Tuxedo," "Featherweight," "Midget," "Primus," "O. K.," also 42 inch Round & Vedette Round), Portland, Me.
Carrom Co. ("Acme," "Peerless" Folding), Ludington, Mich.
COLBURN TROLLEY TRACK MFG. CO., ("Nonotuck" Folding), P. O. Box 127, Holyoke, Mass.
Hunzinger Geo. & Son, 323 W 16th, New York
Mueller H. G. Mfg. Co. (Folding Card), Sheboygan, Wis.
National Mill & Lbr. Co., 318 Market, San Francisco, Cal.
Ohio Spring Bed Co., 128 E 38th, Cleveland, O.
Pa. Construction Co. (Folding), Marietta, Pa.
Pratt Mfg. Co. (Folding Card), Coldwater, Mich.
Puffer-Hubbard Mfg. Co., 32nd av S. & 26th, Minneapolis, Minn.
Readsboro Chair Co., Readsboro, Vt.
Sidway Mercantile Co., Elkhart, Ind.
Steinfeld Bros., 116 W 22d, New York
Stokes Wm. A. & Co., 50 Howard, New York
Strobel Philip & Sons, 53 Elizabeth, New York
Udell Works, Indianapolis, Ind.
Wausau Novelty Co., Wausau, Wis.

14647—*Tables (Coal Picking)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Tables (Concentrating)

14647a— Tables (Conveyor)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
U. S. Bottlers' Machy. Co. (Revolving), 2511 Park, Chicago, Ill.

14648— Tables (Display)

Bryan Novelty Mfg. Co., Bryan, O.
Cox S. S. Show Case Co., North Manchester, Ind.

14649—Tables (Drill, Universal)

Carlton Machine Tool Co., Cincinnati, O.

14650— Tables (Feed)

Besly Chas. H. & Co. ("Besly" Geared Lever), 120 N Clinton, Chicago, Ill.
United Roll & Foundry Co., Ravenna, O.

14651— Tables (Ironing)

Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Domestic Laundry Equipment Corp. ("Domestic"), 224 W 26th, New York
Modern Mfg. Co. ("Emerson"), Hagerstown, Md.
Stokes Wm. A. & Co., 50 Howard, New York

14652— Tables (Kitchen)

Bohn Refrigerator Co. ("Sanitor"), 1340 Universal av, St. Paul, Minn.
Cleveland Metal Products Co., Platt av & C. & P. R. R., Cleveland, O.
Demmler & Schenck Co. (White Porcelain Enameled), 434 Penn av, Pittsburgh, Pa.
Ingram-Richardson Mfg. Co. ("Porceliron" Tops), Beaver Falls, Pa. *See adv index at end of book*
Vincennes Furniture Mfg. Co., Vincennes, Ind.

14653— Tables (Mailing)

Art Metal Construction Co. (Steel), Jamestown, N. Y. *See adv index at end of book*
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Shults H. H. Co., Gowanda, N. Y.

14653a— Tables (Manicuring)

Monument Pottery Co. (Porceltain & Vitreous), Trenton, N. J.

Tables (Operating)

See Furniture, Hospital; also Furniture, Surgical

14654— *Tables (Peeling)

See also Tables, Canners'

Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio *See adv index at end of book*

14655— Tables (Picking)

Fairmont Mining Machy. Co., Fairmont, W. Va.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
McLanahan-Stone Machine Co., Hollidaysburg, Pa.
Morrow Mfg. Co., Wellston, O.
Pittsburgh Conveying Machinery Co. (For Coal, etc., 4th & Duquesne wy, Pittsburgh, Pa.
Webster Mfg. Co., 4500-60 Courtland, Chicago, Ill.
See adv index at end of book

14656— Tables (Plane)

Keuffel & Esser Co., Hoboken, N. J.

14657—Tables (Rolling Mill Feed)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co. (Electric), Alliance, O.
National Roll & Fdry. Co., Avonmore, Pa.
Penna. Engng. Works, New Castle, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.
United Roll & Foundry Co., Ravenna, O.
Wheeling Mold & Foundry Co. (Blooming Mill Tables & Manipulators, etc), Wheeling, W. Va.

14658—Tables (Saw Brazing)

Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

14659— Tables (Separating)

Sutton Steel & Steel (for separating and purifying field seeds & cereals), Dallas, Texas

14660— Tables (Sewing)

Conrey-Davis Mfg. Co., Shellbyville, Ind.
Curtiss Brothers, Richland, N. Y.
Davis-Birely Table Co., Shelbyville, Ind.

14661— Tables (Slime)

See also Mining Machinery

Deister Concentrator Co. ("Deister" & "Deister-Overstrom"), Fort Wayne, Ind.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
Mine & Smelter Supply Co. ("Wilfrey"), 42 B'way, New York

14662—Tables (Soap Cutting)

See also Soap Makers' Machinery

Houchin Aiken Co., 113 53d, Brooklyn, N. Y.

14663—Tables (Spacing, Hand & Automatic)

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Thomas Spacing Machine Company, Glenshaw, Pa.

14664—Tables (Spring Assembling)

Ryerson Joseph T. & Son (Hydraulic Ball Bearing), 2558 W 16th, Chicago, Ill. *See adv index at end of book*

14665— Tables (Steel)

Art Metal Construction Co. (Adding Machines, Billing Machines, Dining, Directors, Dispensary, Mixing, Library, Serving, Typewriter), Jamestown, N. Y.
Bayer-Rothgeb Co. (Wood Top), Santa Fe av, Los Angeles, Cal.
Bernstein Mfg. Co. 3d & Allegheny, Phila., Pa.
Buffalo Metal Furniture Mfg. Co. ("Neverwear" Steel Restaurant, Cafe, etc; also Iron Base) Buffalo N. Y.
Demmler & Schenck Co., 434 Penn av, Pittsburgh, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Durand Steel Locker Co. (For Offices, Engineering Plants, etc.), 76 W Monroe, Chicago, Ill.
General Fireproofing Co. (Office), Youngstown, O. *See adv index at end of book*
Heltzel Steel Form & Iron Co., Warren, O.
Lyon Metallic Mfg. Co. ("Lyon," For All Purposes), Aurora, Ill.
Metal Office Furniture Co., Grand Rapids, Mich.
Mills Co. (The), ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
Mothrup Steel Products Co. (Polished Table Tops), Beaver Falls, Pa.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

14666-7—Tables (Steel, Factory)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Mills Co. (The), ("Factrequipment"), 5320 St. Clair av, Cleveland, Ohio
See adv index at end of book
Superior Tack & Nail Co., Derby, Conn.

14668—*Tables (Tomato Peeling)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

14669— Tables (Transfer)

American Bridge Co., 30 Church, New York
City Boiler & Machine Co. (Electric Car), 939 W 8th, Kansas City, Mo.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Easton Car & Construction Co., 198 Fulton Square, Easton, Pa.
See adv index at end of book
Garrison A. Foundry Co.,, 901 Bingham, Pittsburgh, Pa.
Industrial Works, Bay City, Mich.
Nichols Geo. P. & Bro. (Electric, etc.), 2139 Fulton, Chicago, Ill.
See adv index at end of book
Snyder Steel & Iron Works Co. (Electric Car), Kansas City, Mo.
Wharton Wm. Jr. & Co., Inc. (Electric Car, etc.), Easton, Pa.
White Mfg. Co. (Electric Car, etc), 556 W 34th, New York
Whiting Corp., Dept. H, Harvey, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

14670—Tables (Transfer, Electric)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
NICHOLS GEO. P. & BRO., 2139 Fulton, Chicago, Ill. *See adv index at end of book*

Nichols Transfer Tables
85 Railroads Use Them
GEO. P. NICHOLS & BRO.
Chicago, Ill.

Northern Engineering Works, 210 Chene, Detroit, Mich.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

14671—Tables (Water Cooled Casting)

National Roll & Foundry Co., Avonmore, Pa.

14672—Tables (Wire Carrying)

Kraft A. C., 323 W Lake, Chicago, Ill.

14672a—Tables (Wood, Toy)

Basic Mfg. Co., Wilmington, Del.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Tablets (Bronze, Etc.)

See Bronze Tablets, etc

Tablets (Cast Brass, Bronze or Iron)

See Bronze Tablets

14672b—Tablets, Signs & Letters

Brass Fdry. Co., Peoria, Ill.
Forman Co., 48H W B'way, New York
Gorham Co., Architectural Bronze, 5th av & 36th, New York
Grammes L. F. & Sons, Allentown, Pa.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.

14672c—Tablets & Headstones (Slate)

Bangor Structural Slate Co., Bangor, Pa.
Old English Slate Quarries, 10 Milk, Boston, Mass.

14673— Tabs (Index)

Aigner G. J. & Co. (Patent-Cut), 554 W Adams, Chicago, Ill.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Graff Geo. B. Co. ("Graffco Vise"), 294 Washington Boston, Mass.
Hub J. C. Mfg. Co., 204 E 3rd, Cleveland, O.
Smith Chas. C. (Gummed), Exeter, Neb.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

14674— Tachometers

See also Indicators, Speed

American Ever Ready Works, Thompson av, Long Island City, N. Y.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

TACHOMETERS—continued

Biddle James G. ('Frahm" Vibration, "Ja-Ga-Bi" Hand), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristol's" Long Distance Recording, Electric & Pneumatic), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Corbin Screw Corp. ("Corbin-Brown"), New Britain, Conn.
Du Vivier Ernest H. (Imp), 30 Church, New York
Elec. Tachometer Corp. ("Tetco" Electric), 310 N 11th, Phila., Pa.
Esterline Co., Indianapolis, Ind.
Holtzer-Cabot Elec. Co., 125 Armory, Boston, Mass.
HOLZ & CO., INC., 18 Madison av, New York. *See adv index at end of book*
Jones Motrola Co., 29 W 35th, New York
Lombard Governor Co. (Precision), Ashland, Mass.
National Gauge Co. ("National" Portable, Stationary, Indicating & Recording), 300 Pacific, Brooklyn, N. Y.
Nelson Instrument Co. ("Reliance" Aeroplane & Marine), Elkins, Boston, Mass.
Queen-Gray Co. (Recording), 64-70H W Johnson, Phila., Pa.
Roller-Smith Co., 233 B'way, New York
SCHAEFFER & BUDENBERG MFG. CO. (Portable, Stationary, Indicating & Recording, Special for Power Boats, Paper Machines & Turbines), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
Thompson-Levering Co. ("Peerless" Jobbers), 325 Arch, Phila., Pa.
Uehling Instrument Co., 71 B'way, New York City
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Weston Elec'l M. Strument Co., Weaverly pl., Newark, N. J.
Zernickow O., 15 Park row, New York

14675—*Tachometers (Recording)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. Berry & So. 5th, Brooklyn, N. Y.
See adv index at end of book

14676— Tachoscopes

Biddle Jas. G., 1211 Arch, Phila., Pa.
Holz & Co., Inc., 18 Madison av, New York
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. (Non-Magnetic, Combined Counter & Watch), Berry & So. 5th, Brooklyn, N. Y. *See adv index at end of book*
Zernickow O., 15 Park row, New York

14676a— Tackle (Marine)

American Hoist & Derrick Co., St. Paul Minn.

14677— Tacks

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anderson Tack Co., Rockland, Mass.
Atlas Tack Co. (Cut & Wire), Fairhaven, Mass.
Carter Geo. A. (Shoe), Brockton, Mass.
Churchill & Allen (Shoe), Lynn, Mass.
Clendenin Bros. (Iron & Brass Shoe, etc), cor Central av & Fawn, Baltimore, Md.
Cleveland Tack Works (Shoe, Upholsterers & Carpet), 1205 E 55th, Cleveland, O.
Cobb & Drew, Plymouth, Mass.
Cole H. C. & W. S., Kingston, Mass.
Cross W. W. & Co. (Inc.) (Tacks & Shoe Nails), Brockton, Mass.
Crossman Tack Co., Dighton, Mass.
Genesee Tack Co., Rochester, N. Y.
Gurney D. B. Co., Whitman, Mass.
H. C. Tack Co., Cleveland, O.
Haverhill Tack Co., Haverhill, Mass.
Hawkins Co., South Britain, Conn.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Iliff John W. & Co. ("Iliffile" Map), 54H W Lake, Chicago, Ill.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co. (All Kinds), 104 S Michigan av, Chicago, Ill.
Lounsberry A. P., 11 W 5th, Cincinnati, O.
Maglathlin F. W. & Co., Kingston, Mass.
Miller's H. J. Sons **(Shank & Machine** Shoe), Bridgewater, Mass.
Milwaukee Tack Co. (Carpet, Broom, Canvas, Upholsterers', Bill Posters', Coopers', Shoe Cheese Box, Hungarian, etc), **27th & Wahl av, Milwaukee, Wis.**
National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry., Cleveland, O.
Osborne W. & Co., Lakeville, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Penn Tuck Co., Norristown, Pa.
Phillips Ezra & Sons, South Hanover, Mass.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp., Whitman, Mass.
Salmond Sam'l & Son, Hanover, Mass.
Shelton Tack Co. (Cut, Basket, Carpet, Brush, Looking Glass, Lace, Gimp, Broom, Trunk, Hide, Bill Posters, Upholsterers, Trimmers, etc.), Shelton, Conn. *See adv index at end of book*

TACKS
Small Nails
Cobblers' Nails, Glazier Points
SHELTON TACK CO.
Shelton, Conn.

Smith & McCracken, Inc. (Jobbers), 411 E 18th, New York
Somers Patrick E., Worcester, Mass.
Stanley Geo. W. Co., Belleville, Ill.
Stevens & Willis Co., South Braintree, Mass.
Stimpson Edwin B., 852 Kent av, Brooklyn, N. Y.
Superior Tack & Nail Co., Derby, Conn.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
Tower Mfg. Co. (Steel, Iron, Copper, etc), Elm & Commerce, Cincinnati, O.
Waterman R. C. & Co. (Gimp, Lace, Carpet, Bill Posters', Basket, etc.), So. Hanover, Mass.
Wickwire Spencer Steel Corp., Buffalo, N. Y. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
York Tack & Nail Works (Also Nails), York, Pa.

14678— Tacks (Bill Posters')

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Fisher & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Genesee Tack Co., Rochester, N. Y.
Independent Tack Co., Oil City, Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Taunton Nail Co., Taunton, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14679—Tacks (Brass & Copper)

Atlas Tack Co., Fairhaven, Mass.
Clendenin Bros. cor Central av & Fawn, Baltimore, Md.
Cole H. C. & W. S., Kingston, Mass.
Diamond Tack & Nail Works, 89 Beach, Boston, Mass.
Hungerford U. T. Brass & Copper Co. ("Star"), 80 Lafayette, New York
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co., 104 So. Michigan av, Chicago, Ill.
Mattatuck Mfg. Co. (Brass), Waterbury, Conn.
Merchant & Evans (Copper), Washington av & 21st, Phila., Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Phillips Ezra & Sons, South Hanover, Mass.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co. (Copper Only), Taunton, Mass.

14680—Tacks (Broom, Basket & Brush)

Genesee Tack Co., Rochester, N. Y.
See adv index at end of book
Independent Tack Co., Oil City, Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Superior Tack & Nail Co. (Basket), Derby, Conn.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14681— Tacks (Carpet)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Crossman Tack Co., Dighton, Mass.
Fisher & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Genesee Tack Co., Rochester, N. Y.
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co., 104 So. Michigan av, Chicago, Ill.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Salmond Sam'l & Son, Hanover, Mass.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Buffalo, N. Y. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14682—Tacks (Carriage Trimmers')

Independent Tack Co., Oil City, Pa.
Genesee Tack Co., Rochester, N. Y.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & S Western av, Chicago, Ill.

14683— Tacks (Cheese Box)

Genesee Tack Co., Rochester, N. Y.
Independent Tack Co., Oil City, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Superior Tack & Nail Co., Derby, Conn.
Wilson Steel Products Co., Dept. H, 49th & S Western av, Chicago, Ill.

14684—Tacks (Crimping or Lasting)

Independent Tack Co., Oil City, Pa.
United Awl & Needle Co., West Medway, Mass.

14685—Tacks (Double-Pointed)

Atlas Tack Co., Fair Haven, Mass.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Cobb & Drew, Plymouth, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co., 104 So. Michigan av, Chicago, Ill.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Pickering R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Stanley Geo. W. Co., Belleville, Ill.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill *See adv index at end of book*
Titchener E. H. & Co., Binghamton, N. Y.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Wickwire Spencer Steel Corp., Buffalo, N. Y. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

14686— Tacks (Gimp)

Independent Tack Co., Oil City, Pa.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14687— Tacks (Hide)

Independent Tack Co., Oil City, Pa.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14688—*Tacks (Insulated Wiring)

Delaware Hard Fibre Co. (Electric, Fibre), Wilmington, Del.
See adv index at end of book

14689— Tacks (Lead)

United Lead Co., 111 B'way, New York

14690— Tacks (Miners')

Independent Tack Co., Oil City, Pa.
Penn Tack Co., Norristown, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14691—Tacks (Rubber-Headed)

Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Goodrich B. F. Co., Akron, O.
New York Belting & Packing Co., 91 Chambers st, New York
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

14692— Tacks (Shoe)

Carter Geo. A., Brockton, Mass.
Churchill & Allen, Lynn, Mass.
Clendenin Bros. (Iron & Brass), cor Central av & Fawn, Baltimore, Md.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Cole H. C. & W. S. (Hand & Machine), Kingston, Mass.
Independent Tack Co., Oil City, Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
National Tack Co., East Bridgewater, Mass.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Somers Patrick E. (Shoe Finders'), Worcester, Mass.
United States Tack Co., Dept. H, New Bedford, Mass.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

14693— Tacks (Thumb)

Albrecht Chas. R., 62 Fulton, **New York**
Hampden Mfg. Co. ("Clover Leaf"), **108** Fulton, New York
Hawkes-Jackson Co. ("Solidhed"), **38** Murray, New York
Hoge Mfg. Co. ("German Style"), **45 John,** New York
Johnston J. D., Newport, R. I.
Keuffel & Esser Co. ("Ideal"), **Hoboken,** N. J.
Moore Push-Pin Co. ("Moore," Steel Pointed), **133 Berkeley, Phila., Pa.**
National Sheet Metal Co. (Stamped from Nickel Steel), Peru, Ill.
Noesting Pin Ticket Co., Inc. ("Solid Head"), Mt. Vernon, N. Y.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Turner & Seymour Mfg. Co., Torrington, Conn.
Wilson Steel Products Co. (Curtain), Dept. H, 49th & Western av, Chicago, Ill.

14694— Tacks (Trimmers')

Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Somers Patrick E., Worcester, Mass.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

14695— Tacks (Trunk)

Independent Tack Co., Oil City, Pa.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14696— Tacks (Upholsterers')

American Ring Co., Waterbury, Conn.
AMERICAN STEEL & WIRE CO. ("American" Wire), **208 S La Salle, Chicago,** Ill. *See adv index at end of book*
Berbecker & Rowland Mfg. Co. (Brass Furniture Nails), Waterville, Conn.
Cleveland Tack Works, 1205 E 55th, Cleveland, O.
Crandal, Stone Division, The, Brewer-Titchener Corp., Binghamton, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Genesee Tack Co., Rochester, N. Y.
Holland Mfg. Co. (Brass & Gilt), Central av & Bank, Baltimore, Md.
Independent Tack Co., Oil City, Pa.
Interstate Iron & Steel Co., 104 So. Michigan av, Chicago, Ill.
Lounsberry A. P., 11 W 5th, Cincinnati, O.
Mattatuck Mfg. Co. ("Leatherine"), Waterbury, Conn.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morley Button Mfg. Co. ("Milonite, Perfection" Button Head Nail), Portsmouth, N. H.
North & Judd Mfg. Co. ("Perfection"), New Britain, Conn.
Penn Tack Co., Norristown, Pa.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp. ("Crown"), Whitman, Mass.
Salmond Sam & Son, Hanover, Mass.
Shelton Tack Co., Shelton, Conn.
See adv index at end of book
Somers Patrick E., Worcester, Mass.
Tockwotton Co., Providence, R. I.
Tower Mfg. Co. Elm & Commerce, Cincinnati, O.
Traut & Hine Mfg. Co., New Britain, Conn.
Turner & Seymour Mfg. Co. ("Eagle," "Keystone"), Torrington, Conn.
U. S. Needle Concern, 912 W Madison, Chicago, Ill.
Waterman R. C. & Co., South Hanover, Mass.
Wickwire Spencer Steel Corp., Buffalo, N. Y. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14696a— Tag Deadlocks

Campbell Paper Box Co., South Bend, Ind.
Denney Tag Co. Inc., West Chester, Pa.

14697—Tags (Bag, Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Decker Mfg. Co., Keokuk, Ia.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14698— Tags (Dog)

Niagara Falls Metal Stamping Works, Niagara Falls, New York
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book

14699— Tags (Hard Fibre)

See also Fibre, Hard

Continental Fibre Co., Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del.
See adv index at end of book
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del.

14700— Tags (Hook)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Thomas Stationery Mfg. Co., Springfield, Ohio

14701—Tags (Hotel Key, Etc.)

American Railway Supply Co., 134 Charles, New York
Burg E. F. Co. (& Hotel Supplies), 224 W. 1st, Duluth, Minn.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14702—Tags (Indelible Ink)

Clark R. S. & Son, Cohoes, N. Y.

14703— Tags (Index)

Smith Chas. C., Exeter, Neb.

14704— Tags (Jewelers')

Bonnell J. D. & Son, 311 Atlantic av, Boston, Mass.
Eisler Anthony & Co. (Also Mdse, **Hook,** etc), 227 Canal, New York

14705— Tags (Laundry)

Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.
Higgin Mfg. Co., Newport, Ky.
Merchandise & Laundry Tag Co. ("Sta-On"), 19 Washington, Boston, Mass.
White-Quehl Mfg. Co. (Marking), 429 E Pearl, Cincinnati, O.

14706—Tags (Metal Edge)

R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Salisbury Mfg. Co., 14 Leather av, Providence, R. I.

14706a— Tags (Oyster)

Equipoise Rivet Co., Waterbury, Conn.

14706b—*Tags (Plant, Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14707— Tags (Shipping)

See also Tags, Tin; also Tags, Zinc

Acme Tag Co., 2340 Fremont av, Minneapolis, Minn.
Allen Robert T., Jackson, Mich.
Allen & Bailey Tag Co., Caledonia, N. Y.
American Mfg. Co., Battle Creek, Mich.
American Tag Co., 6133 S State, Chicago, Ill.
American Tag Co. of N. J., 123 Sussex av, Newark, N. J.
Anderson W. J. & Co., 341 B'way, New York
Campbell Paper Box Co. (Every Variety), South Bend, Ind.
Dancyger Safety Pin Ticket Co., 4707 Detroit, Cleveland, O.
Decker Mfg. Co., Keokuk, Ia.
Denney Tag Co., West Chester Pa.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Eisler Anthony & Co. (Also Mdse, **Hook,** etc), 227 Canal, New York
International Tag Co., 319 N Whipple, Chicago, Ill.
Keystone Tag Co., West Chester, Pa.
Murray Mfg. Co. (Cotton), Newnan, Ga.
National Tag Co., Dayton, O.
Porter Safety Seal Co. ("Porter"), 161 W. Harrison, Chicago, Ill.
Reyburn Mfg. Co., 23rd & Allegheny av, Phila., Pa.
Robinson Tag & Label So., 142 W 18th, New York
Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Scharf Tag & Label Co., Ypsilanti, Mich.
Shuman Frank G., 216 N Clinton, Chicago, Ill.
Thomas Stationery Mfg. Co., Springfield, Ohio
UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

14708— Tags (Tin)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
American Tag Co., 6133 S State, Chicago, Ill.
Ammidon & Co., 31 S Frederick, Baltimore, Md.
Bunting Stamps Co. (Metal), 713 Liberty av, Pittsburgh, Pa.
Kraft A. C., 323 W Lake, Chicago, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14709— Tags (Zinc)

Hill J. H. & Sons, Coventry, R. I.
Pannier Bros. Stamp Co., 207-9 Sandusky, Pittsburgh, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Waterbury Button Corp., 831 South Main, Waterbury, Conn.

Tailors' Irons

See Sad Irons

14710— Take-Ups

Dodge Sales & Engineering Co., Mishawaka, Ind.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Nordyke & Marmon Co. (Belt & Rope), Kentucky av & Morris, Indianapolis, Ind.
United Iron Works, Inc., Kansas City, Mo.
See adv index at end of book
Webster Mfg. Co., 4500-60 Courtland, Chicago, Ill. *See adv index at end of book*
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Take-Ups (Wire)

See Reels, Payout & Take-up

14711—Talc Blanks (Insulator & Gas Burner)

North Carolina Talc & Mining Co., Hewitts, N. C.

14712— Talc Importers

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co., 2 Stone, New York
Sergeant E. M. Co., 15 E 26th, New York
See adv index at end of book

14713—Talc Mfrs. & Miners

Adams D. C. Crayon Co. (Soapstone), 125 Market, St. Louis, Mo.
American Lava Corp., Chattanooga, Tenn.
American Mineral Co., Johnson, Vt.
Atlas Mineral Products Co., Dept. H, Mertztown, N. J.
Bull Run Talc. & Soapstone Co. ("Redoxo" Red), Clifton Station, **Va.**
Blue Ridge Talc Co. (Crayons, Pulverized & Paint Pigment), Henry, Va.
Chemical Mfg. Co., Covington, Ky.
Cohutta Talc Co., Dalton, Ga.
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp.), 63 Park row, New York
Georgia Talc Co., Asheville, N. C.
Gregory Talc, Blackboard & Crayon Co., Nashville, Tenn.
Innis, Speiden & Co. Inc. ("Silver"), 46 Cliff, New York
See adv index at end of book
Jackson E. F. & Co., 224 E 2nd, Cincinnati, Ohio
International Pulp Co. ("Asbestine"), **41** Park Row, New York
North Carolina Talc & Mining Co., Hewitts, N. C.
Ontario Talc Co., Gouverneur, N. Y.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Robbins A. A., 99 John, New York
Smith J. Lee & Co. (Imp.), **19 Jacob, New** York
Uniform Fibrous Talc. Co., 280 Madison, New York
Union Talc Co., 132 Nassau, New York
Vermont Talc Co., Holyoke, Mass.

14714— Talc (Powdered)

American Mineral Co., Johnson, Vt.
Binney & Smith Co. (Importers), **81 Fulton,** New York
Blue Ridge Talc Co., Henry, Va.
Carbolo Chemical Co., Inc. ("Talclay"), 5 E 42nd, New York
CHRYSTAL CHAS. B. (Importer), **18** Cliff, New York
See adv index at end of book
Doggett Stanley (Also Crayons), **11 Cliff,** New York
Eastern Talc Co., 45 Milk, Boston, Mass.
Federal Foundry Supply Co. ("Bull Run"), 2639 E 79th, Cleveland, O.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Georgia Talc Co. (For Roofing), Dept. H, Asheville, N. C.
Hammill & Gillespie (Imp.), **240 Front,** New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, Oo.

TALC (POWDERED)—continued
International Pulp Co., 41 Park row, New York
Kirk James S. & Co., 1232 W North av, Chicago, Ill.
Nevins Sam'l Co. (French & American), 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y., 150 Nassau, New York
North Carolina Talc & Mining Co., Hewitts, N. C.
Phoenix Soapstone Co., 71 Murray, New York
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Smith Facing & Supply Co., 1857 Carter rd, Cleveland, O.
Steward D. M. Mfg. Co., Chattanooga, Tenn.
Western Federal Supply Co., Cleveland, O.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
WILLIAMS C. K. & CO., Easton, Pa.
See adv index at end of book

14714a— Talcum

Cooper Chas. & Co., 194 Worth, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
International Pulp Co., 41 Park row, New York
Union Talc. Co., 132 Nassau, New York

14715—Talking Machine Specialties

Barnhart Bros. & Spindler, 32 Throop, Chicago, Ill.
General Phonograph Corp., 25 W 45th, New York
Kent F. C. & Co., 359 Mulberry, Newark, N. J.
Kirkman Engng. Corp. (Automatic Stops, Fibre Needle Cutters, Record Cleaners), 484 Broome, New York
Lawrence Mfg. Co., 704 N Sangamon, Chicago, Ill.
Presto-Phone Parts Corp., 124 Pearl, Brooklyn, N. Y.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill.
Thomas Mfg. Co., Dayton, O.
Weber-Knapp Co. (Hardware), Jamestown, N. Y.

14716— Tallow

Armour & Co., 208 S La Salle, Chicago, Ill.
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Beach Soap Co., Lawrence, Mass.
Biggs E. W. & Co., Kansas City, Mo.
Birmingham Hide & Tallow Co., Birmingham, Ala.
Bissinger & Co., 454 Eureka av, San Francisco, Cal.
Bretney H. & Co., Springfield, O.
California Tallow Works, 214 Front, San Francisco, Cal.
Claverie A. J. & Co., New Orleans, La.
Connecticut Fat Rendering & Fertilizing Corp., New Haven, Conn.
Consolidated Rendering Co. ("Perfection," "Peerless"), 40 N Market, Boston, Mass.
Cudahy Packing Co., 111 W Monroe, Chicago, Il.
Darling & Co., 4201 S. Ashland av, Chicago, Ill.
Davis Oil Co., 95 Ninth, Brooklyn, N. Y.
Elkan H. & Co., 10 W Austin av, Chicago, Ill.
Faber F. H. & Co., Peoria, Ill.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Flavell Co., Asbury Park, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Hartmann Pacific Co., Inc. (Imp.), 80 Wall, New York
Herrmann Jos. F. & Co., Fisher bldg, Chicago, Ill.
James Henry & Son, 15 Exchange, Boston Mass.
Jardine, Matheson & Co. (Imp.), 25 Madison av, New York
Kirk W. R., 327 S La Salle, Chicago, Ill.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York.
Link David C. & Co. (Imp.), Produce Exchange, N. Y.
Marx Hide & Tallow Co., Louisville, Ky.
Milwaukee Tallow & Grease Co., Vogel's Island, Milwaukee, Wis.
Mitsui & Co., Ltd. (Imp. Chinese), 65 B'way, New York
Morris & Co., U. S. Yards, Chicago, Ill.
Morse J. F. & Co., 66 Norfolk av, Rox., Boston, Mass.
New Orleans Butchers' Co-operative Abattoir Co. (Ltd.), New Orleans, La.
Norden A. & Co. (Imp.), 60 Beaver, New York
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon Jno. & Sons Co. (Oleo), Cambridge, Mass.
Rochester Tallow Co., Rochester, N. Y.
Rogers A. Co., Aurora, Ill.
St. Louis Hide & Tallow Co., 2d & Talcott, St. Louis, Mo.
Schwarz Bros. Co., Kearny, N. J.
Stern Jos. & Sons, 614 W 40th, New York
Stevenson Bro. & Co., 10 Race, Phila., Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Union Hide Co. (Dealers), 3d & Harrison, Oakland, Cal.
United Dressed Beef Co., 1st av & 44th, New York
Van Iderstine Co., Long Island City, New York
Wayne Soap Co., Copeland & M. C. R. R., Detroit, Mich.
Whitman & Pratt Rendering Co., Lowell, Mass.
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wilson & Co., Union Stock Yards, Chicago, Ill.
Wise L. & Bros., 36 Main, Cincinnati, O.

14717— Tallow (Vegetable)

Carleton & Moffat (Imp.), 80 Maiden la, New York
Elbert & Co., 27 William, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Jardine, Matheson & Co. (Imp.), 2 Madison av, New York
Klipstein A. & Co., 644 Greenwich, New York
Mitsui & Co., Ltd. (Imp. Chinese), 65 B'way, New York
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Paper Makers' Chemical Co., Eaton, Pa.

14718— Tamers (Hog)

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

14719— Tampers (Concrete)

Anchor Concrete Stone Co. (Automatic), Rock Rapids, Ia.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Arrowsmith Concrete Tool Co. (With Long Handle), Arrowsmith, Ill.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Philadelphia, Pa.
Bragstad Concrete Machinery Co., Inc., Canton, S. Dak.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cement Tile Machy. Co. (Power), Waterloo, Ia.
Columbus Handle & Tool Co., Columbus, Ind.
Crescent Novelty Mfg. Co. (Iron & Steel), 703 S B'way, St. Louis, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Fate-Root-Heath Co., Plymouth, O.
Ideal Concrete Machinery Co. (Power), 1346 Monmouth av, Cincinnati, O.
INGERSOLL-RAND CO. ("Crown" Pneumatic), 11 B'way, New York
See adv index at end of book
Kramer Automatic Tamper Co. ("Kramer"), Peoria, Ill.
Kramer Bros. Foundry Co. ("Gem" Hand), Dayton, O.
Lourie Hydraulic Press Co., Springfield, Ill.
See adv index at end of book
Raber & Lang Mfg. Co. ("Crescent," Power), Kendallville, Ind.
Ransome Concrete Machinery Co., Dunellen, N. J.
Rock Island Mfg. Co., Rock Island, Ill.
SOUTH BEND FOUNDRY CO., South Bend, Ind.
Stortz John & Son, 210 Vine, Phila., Pa.
Wagner Mfg. Co., Sidney, O.
Wapak Hollow Ware Co., Wapakoneta, O.

14720—Tampers (Dirt & Sod)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Burr Co., Champaign, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Fate-Root-Heath Co., Plymouth, O.
Indiana Foundry Co., Indiana, Pa.
Ingersoll-Rand Co. ("Crown" Pneumatic), 11 B'way, New York
See adv index at end of book
Lourie Hydraulic Press Co. ("Staley" Power for Trenches & Pavements), Springfield, Ill.
See adv index at end of book
Modern Iron Works (Iron or Wood Handle), Quincy, Ill.
Stortz John & Son, 210 Vine, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Wagner Mfg. Co., Sidney, O.
Wapak Hollowware Co., Wapakoneta, O.

14721-2—*Tampers (Railroad Ballast)

INGERSOLL-RAND CO. ("Imperial," Pneumatic), 11 B'way, New York
See adv index at end of book

14723— Tank Fixtures

American Valve & Meter Co. ("Page"), Cincinnati, O.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Caldwell W. E. Co. (Railroad, etc.), Louisville, Ky.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
Spray Engng. Co. ("Spraco" Combination Drain & Overflow), 60 High, Boston, Mass.

Tank Saddles

See Boiler Saddles

Tank Pulls

See Pulls, Closet

14724—Tanks (Acid Storage)

See also Stoneware, Chemical

ACME TANK CO. (Wood), 43 Cortlandt, New York *See adv index at end of book*
American Welding Co. (For Mixed, Nitric, Sulphuric & Carbonic Acids, etc), Carbondale, Pa.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Buckeye Boiler Co., Dayton, O.
BUFFALO FOUNDRY & MACHINE CO, (Cast Iron), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Caldwell W. E. Co. (Yellow Pine or Cypress a Specialty), Louisville, Ky.
Chemical Construction Co., Charlotte, N. C.
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
COATESVILLE BOILER WORKS, Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J., Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
CRAINE SILO CO. INC. (Wood), Norwich, N. Y. *See adv index at end of book*
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Euclid Mfg. Co. ("Euclid" Stone), Paden City, W. Va.
Finch Mfg. Co., Scranton, Pa.
General Ceramics Co., 50 Church, New York
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Hauser-Stander Tank Co., Cincinati, O.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., The, Warren, O.
Kittoe Boiler & Tank Co., Inc., Canton, Ohio
Knight Maurice A. (Acid Proof Stoneware), Akron, Ohio
Koven L. O. & Bro. (Wire Mill), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
McAleenan Bros. Co., 25th & Av R. R., Pittsburgh, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Boiler Co., 96 Crozier, Akron, O.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
Morgan Construction Co., Worcester, Mass.
Muskegon Boiler Works, Muskegon, Mich.

DOVER BOILER WORKS
TANKS and STACKS
INDUSTRIAL PLATE WORK REQUIREMENTS
Sales Office: 40 Church Street, New York Works: Dover, N. J.

National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Works Co. Inc., Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
REEVES BROS. CO., THE, Alliance, O.
See adv index at end of book
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Tank Co., 15 Park row, New York
Steel Plate Product Co., Pottstown, Pa.
Struthers-Wells Co., Warren Pa.
Stuart & Peterson Co. (Cast Iron), Burlington, N. J.
Tippett & Wood, Phillipsburg, N. J.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
United Iron Works, Inc., Kansas City, Mo.
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wickes Boiler Co., Saginaw, Mich.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Tanks (Agitating)

See Agitators

14725— Tanks (Air)

American Iron Works, Louisville, Ky.
American Welding Co. (Welded), Carbondale, Pa.
Baltimore Cooperage Co. (Air Pressure), Ostend & Leadenhall, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Brunner Mfg. Co., Utica, N. Y.
Buckeye Boiler Co., Dayton, O.
BUFFALO FOUNDRY & MACHINE CO, (Cast Iron), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Daly M. J. & Sons, Waterbury, Conn.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Finch Mfg. Co., Scranton, Pa.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., Warren, O.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
International Boiler Works Co., East Stroudsburg, Pa.
Ironton Punch & Shear Co., Ironton, O.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th § Daggett, San Francisco, Cal.
Manitowoc Engng. Works, Manitowoc, Wis.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Murphy & Walsh, Pekin, Ill.
Muskegon Boiler Works, Muskegon, Mich.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
National Tank & Pipe Co., 275 Oak st, Portland, Ore.
See adv index at end of book
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Penna. Range Boiler Co., 2024 N 10th, Phila., Pa.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co. (Seamless Steel), 58th & Greenfield av, Milwaukee, Wis.
REEVES BROS. CO., THE, Alliance, O.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Bridge Co., Birmingham, Ala.
Standard Boiler & Plate Iron Co., Niles, O.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Titusville Iron Co. (pneumatic), Titusville, Pa.
Toledo Metal Manufacturers Co., Michigan, Toledo, Ohio.
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O., Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitaker-Glessner Co., Wheeling, W. Va.
Worthington Pump & Mach'y Corp., 115 B'way, New York
See adv index at end of book

14726— Tanks (Air Brake)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
McNamara Bros. Co., Westport, Baltimore, Md.
Phoenix Iron Works Co., Meadville, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

14727—Tanks (Air Compressor)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Brunner Mfg. Co., Utica, N. Y.
Bury Compressor Co., Erie, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Downington Iron Works, East Downingtown, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Globe Machinery & Supply Co., Des Moines, Ia.
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co. The, Warren, O.
International Boiler Works Co., East Stroudsburg, Pa.
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lancaster Iron Works, Lancaster, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Michelmann Steel Construction Co., Quincy, Ill.
Murphy & Walsh, Pekin, Ill.
Muskegon Boiler Works, Muskegon, Mich.
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Philadelphia, Pa.



TANKS ANY SIZE FOR IMMEDIATE SHIPMENT AND ERECTION UP TO 80,000 BARREL CAPACITY. CREOSOTING CYLINDERS, ROTARY CEMENT KILNS, COOLERS AND DRYERS. REFINERIES COMPLETE. SEND US YOUR INQUIRIES. WE CAN FURNISH EITHER KNOCKED DOWN OR ERECTED. GIVE US A TRIAL.

THE REEVES BROTHERS CO.
ALLIANCE, OHIO

TANKS (AIR COMPRESSOR)—continued
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pitttsburgh, Pa.
See adv index at end of book
REEVES BROS. CO., THE, Alliance, O.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Standard Boiler & Plate Iron Co., Niles, Ohio
Steel Plate Products Co., Pottstown, Pa.
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

14728—Tanks (Air for Garage)

Biggs Boiler Works Co., Case av & Williams, Akron, Ohio
See adv index at end of book
Brunner Mfg. Co., Utica, N. Y.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New Haven Boiler Works Inc., New Haven, Conn.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

14729— Tanks (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.

Tanks (Asphalt Heating)

See Heaters, Asphalt

14730—Tanks (Automobile, Fuel Storage)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bauer Machine Works Co., Kansas City, Mo.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Fort Wayne, Ind.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Cadillac Plumbing & Heating Co., Cadillac, Mich.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Chapin R. E. Mfg. Works (Galvanized), Batavia, N. Y.
Clayton's Frank B. Sons, 1227H N 11th, Phila., Pa.
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Dixie Culvert & Metal Co., Atlanta, Ga.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker" for Gasoline Storage), Springfield, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Harps J. A. Mfg. Co. ("Never-Fail"), Greenfield, O.
Hayes Mfg. Co., 480 Maybury, Detroit, Mich.
Heil Co., 26th & Montana av, Milwaukee, Wis.
Kells W. J. Mfg. Co., 521 W 45th, New York
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro. (Boat), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNamara Bros. Co., Westport, Baltimore, Md.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Martin Metal Mfg. Co., Wichita, Kansas
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Meurer Steel Barrel Co., Inc. ("Anchor" Welded Seamless), 23 W 43rd, New York
Morrison Bros., Dubuque, Ia.
National Marine Lamp Co., Forestville, Conn.
New Haven Boiler Works Inc., New Haven, Conn.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Petty J. K. & Co., Stephen Girard bldg, Philadelphia, Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Prest-O-Lite Co., Indianapolis, Ind.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co. ("Sexton"), 123 Broad, Boston, Mass.
Standard Tank Co., 15 Park Row, New York
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

14731—Tanks (Automobile Storage, Garage)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New Haven Boiler Works Inc., New Haven, Conn.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14732—Tanks (Automobile, Water & Gasoline)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O
See adv index at end of book
Clayton & Lambert Mfg. Co., 10565 Knodell av, Detroit, Mich.
Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Manrow Sheet Metal Works, Goshen, Ind.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pettis W. W. Co., 416-417 First National Bank bldg, Cincinnati, O.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14733—Tanks (Beet Sugar Syrup)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works. Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Struthers-Wells Co., Warren, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

14734— Tanks (Bleaching)

ACME TANK CO. (Wood), 43 Cortlandt, New York *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J., Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Dover Boiler Works. Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Hunt Rodney Machine Co., Orange, Mass.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. Inc., Canton, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McNamara Bros. Co., Westport, Baltimore, Md.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Phoenix Iron Works Co., Meadville, Pa.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book

14735— Tanks (Blow-Off)

Abendroth G. Irving Co., 10 E 43d, New York
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc. 4000 N 2nd, Phila., Pa.
See adv index at end of book
Cox & Sons Co., 5th & Chestnut., Phila., Pa.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crook H. E. & Co. Inc., 28 Light, Baltimore, Md.
Daly M. J. & Sons, Waterbury, Conn.
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Estabrook's R. Sons ("Boston" with Clean-out Cover), 202 1st, Boston, Mass.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Johnson & Thompson, Birmingham, Ala.
Kellogg M. W. Co. (Welded), 90 West, New York. *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Lancaster Iron Works, Lancaster, Pa.
Lappen Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
New Haven Boiler Works, Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S. Howard, Md
Ohio Machine & Boiler Co., 1510 University rd, Cleveland, O.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Wendnagel & Co., 600 W 2nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco Cal.

14736— *Tanks (Brazed)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14736a— Tanks (Brine)

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Heltzel Steel Form & Iron Co., Warren, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Iron Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book

14737— Tanks (Cachaza)

Blymyer Iron Works Co., Cincinnati, O.

Tanks (Calcium Light)

See Cylinders, Calcium Light

14738—Tanks (Canners' Process)

Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Johnson & Thompson, Birmingham, Ala.

14739— Tanks (Car)

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Caldwell W. E. Co., Louisville, Ky.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Erie City Iron Works, Erie, Pa.
General American Tank Car Corp., 111 W Monroe, Chicago, Ill.
Graver Corp. (Oil & Acid), East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNamara Bros. Co., Westport, Baltimore, Md.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Meehan Boiler & Construction Co., Lowellville, O
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Penna. Tank Car Co., Sharon, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co. (Steel), 307 5th av, Pittsburgh, Pa.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Scaife Wm. B. Sons & Co., 1st Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*
Southern Boiler & Tank Works, Memphis, Tenn
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co. Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn
Warren City Tank & Boiler Co., Warren, Ohio
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Western Steel Car & Foundry Co. (Steel), 122 So. Michigan, Chicago, Ill.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis Mo.
See adv index at end of book

14740—*Tanks (Car Lighting)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14741—Tanks (Car Wheel Annealing)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14742—Tanks (Cast Iron Storage)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Johnson & Thompson, Birmingham, Ala.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
United Iron Works, Inc., Kansas City, Mo.

14743— Tanks (Chemical)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bethlehem Foundry & Machine Co. (Cast Iron, Evaporating, Mining, etc), South Bethlehem, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
California Boiler Works, 526 Howard, San Francisco, Cal.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
CORCORAN A. J., INC., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
CRAINE SILO CO. INC. (Wood), Norwich, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Office, 40 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Elyria Enameled Products Co., The, (Glass Enameled), Elyria, O.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Hauser-Stander Tank Co., Cincinnati, O.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
Johnson & Thompson, Birmingham, Ala
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lebanon Boiler Works, Lebanon, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Maddock John & Sons (White Vitreous or Porous Earthenware), Trenton, N. J.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
NATIONAL TANK & PIPE CO., Kenton sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Portland Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
United States Stoneware Co. (Glazed Stoneware), Akron, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Weeks Arthur J. (Stoneware), Akron, O.

14744— Tanks (Coal Tar)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Johnson & Thompson, Birmingham, Ala.
Mader Bros. & Co., Lebanon, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book

14744a—Tanks (Cocoanut Oil Storage)

See also Tanks, Oil Storage

Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14745—Tanks (Cold Storage)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
California Boiler Works, 526 Howard, San Francisco, Cal.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
DOVER BOILER WORKS. Sales Office, 40 Church, New York. Works: Dover, N.J.
See adv index at end of book
Graver Corp., East Chicago, Ind.
Hammond Iron Works (Steel), Warren, Pa. *See adv index at end of book*
INGRAM-RICHARDSON MFG. CO. (Enameled Iron), Beaver Falls, Pa.
See adv index at end of book
Mader Bros. & Co., Lebanon, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Steel Plate Products Co., Pottstown, Pa.
See adv index at end of book
TRAYLOR ENGNG. & MFG. CO., Allentown, Pa. *See adv index at end of book*
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

Tanks (Compressed Air)

See Tanks, Air Compressor

14746— Tanks (Condenser)

Abendroth G. Irving Co., 10 E 43d, New York
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Frick Co., Waynesboro, Pa.
Graver Corp., East Chicago, Ind.
Heltzel Steel Form & Iron Co., Warren, O.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Leslie Elliott & Co., Paterson, N. J.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H. Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg. Phila., Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.

TANKS (CONDENSER)—continued
Standard Boiler & Plate Iron Co., Niles, Ohio
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kan.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
United Iron Works, Inc., Kansas City, Mo.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wheeler Condenser & Engng. Co., W Carteret, N. J. *See adv index at end of book*

14747—Tanks (Congealing & Freezing)

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Brunswick Refrigerating Co., New Brunswick, N. J.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
Southern Boiler & Tank Wks., Memphis, Tenn.
Steel Plate Products Co., Pottstown, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

14748— Tanks (Copper)

American Copper & Brass Works, Cincinnati, O.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Badger E. B. & Sons Co., 75 A Pitts, Boston, Mass. *See adv index at end of book*
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Deuel Chas. C., Co., 75 Jones, Detroit, Mich.
Devine J. P. Co., Buffalo, N. Y.
GERDES & CO., 42 Church, New York
See adv index at end of book
Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Krenz Oscar Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Schaefer E. 1320-22 N 5th, Phila., Pa.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stokes F. J. Machine Co. (For Chemical & Metallurgical Purposes), 17th & Cambria, Phila., Pa.
Trageser John Steam Copper Works, 447 W 26th, New York
Vulcan Copper Works Co., 120 Sycamore, Cincinnati, Ohio
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Young Bros. Co., 666 Mack, Detroit, Mich.

14749— Tanks (Cottonseed Oil)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Johnson & Thompson, Birmingham, Ala.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book

Tanks (Creosoting)

See Cylinders, Creosoting

14750— Tanks (Cyanide)

See also Tanks, Wood

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
Caldwell W. E. Co., Louisville, Ky.
Colorado Iron Works Co. (Steel), Denver, Colo.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine Wis.
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Heltzel Steel Form & Iron Co., The, Warren, O.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Moyle E. H. Engng. & Equipment Co. ("Moyle" Precipitating), 508 E 9th, Los Angeles, Cal.
NATIONAL TANK & PIPE CO., Kenton sta., Portland, Ore.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
PACIFIC TANK & PIPE CO., 318 Market, San Francisco, Cal.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Redwood Mfrs. Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Standard Boiler & Plate Iron Co., Niles, Ohio
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14751— Tanks (Cylindrical)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Atkinson W. H. Co., Hoboken, N. J.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BEGGS, JAMES & CO., 30 Warren, New New York. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers' Bank bldg, Pittsburg, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Caldwell W. E. Co., Louisville, Ky.
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Charleston Iron Works, Charleston, S. C.
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Coast Culvert & Flume Co., Dept. H, Kenton, Portland, Ore.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J., Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Hartley Boiler Works, Montgomery, Ala.
Hassell Iron Works Co., Colorado Springs, Colo.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co. The, Warren, O.
Ironton Punch & Shear Co., Ironton, O.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lake Erie Boiler Works, Buffalo, N. Y.
Lebanon Boiler Works, Lebanon, Pa.
Leetonia Boiler Co., Leetonia, O.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis
Meurer Steel Barrel Co., Inc. ("Anchor" Welded Seamless), 23 W 43d, New York
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
National Tank & Pipe Co., Kenton sta., Portland, Ore.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Bridge Co., Birmingham, Ala.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, Ohio
Star Tank Co., Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

14751a— Tanks (Cypress)

See also Tanks, Wood

Butler Co., Butler, Ind.
Davis G. M. & Son, Palatka, Fla.
Heller-Aller Co., Napoleon, Ohio
Stevens Tank & Tower Co., Auburn, Me.
Woods & Co., 59 Park pl, New York
Woolford G. Wood Tank Mfg. Co., 1429 nut, Phila., Pa.

14751b— Tanks (Developing)

National Tank & Pipe Co., Kenton sta., Portland, Ore. *See adv index at end of book*
CORCORAN A. J. INC., (For Photographing purposes), 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.

14752— Tanks (Dipping)

Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bushnell Tank Works, Bushnell, Ill.
Caldwell W. E. Co., Louisville, Ky.
Columbian Steel Tank Co. (Hog, Sheep, Cattle, etc.), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Heltzel Steel Form & Iron Co. The, Warren, Ohio
Hubbard's Norman Sons (Safety for Furniture & Piano Makers' Metal Goods, Electric Fixtures, etc), 265 Water, Brooklyn, N. Y.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg Co., Toledo, O.

Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kansas
National Tank & Pipe Co., Kenton sta., Portland, Ore.
See adv index at end of book
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New Haven Boiler Works Inc., New Haven, Conn.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Perfection Metal Products Co., Topeka, Kan.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Scaife Wm. B. Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
South Bend Spark Arrester Co., South Bend, Ind.
Spokane Culvert & Tank Co., Spokane, Wash.
Star Tank Co., Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.
Treadwell Construction Co., Midland, Pa.
Warren City Tank & Boiler Co., Warren, Ohio
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14753—Tanks (Electro Platers')

ACME TANK COMPANY (Wood), **43** Cortlandt, New York
See adv index at end of book
CORCORAN A. J. INC., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Cutter & Wood Supply Co. (Jobbers), 274 Friend, Boston, Mass.
See adv index at end of book
General Ceramics Co. (Stoneware), 50 Church, New York
National Tank & Pipe Co., Kenton sta., Portland, Ore.
See adv index at end of book
Sperry D. R. & Co., Batavia, Ill.
Steel Plate Products Co., Pottstown, Pa.
Welded Steel Barrel Corp. (Welded Steel), Hart av & Charlevoix, Detroit, Mich.

14753a—*Tanks (Enameled Storage)

Elyria Enameled Products Co., Elyria, O.
Vitreous Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*

14754— Tanks (Evaporator)

Baeuerle & Morris, 932 N Front, Phila., Pa.
Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New Haven Boiler Works, Inc., New Haven, Conn.
Phoenix Iron Works, Meadville, Pa.
Steel Plate Products Co., Pottstown, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*

14755— Tanks (Expansion)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv indcx at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Cody Jos. & Sons, Peoria, Ill.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Cullen Co., Clinton, Ia.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb
Eastern Range Boiler & Welding Co. (Rivetless), Conshohocken, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Frost Mfg. Co., Galesburg, Ill.
Heitzel Steel Form & Iron Co. (The), Warren, O.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Hopson & Chapin Mfg. Co. (Cast Iron Automatic Feed), New London, Conn.
Horigan Supply Co., St. Joseph, Mo.
Koven L. O. & Bro. (And Anti-Expansion), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lawler Regulator Co. ("Lawler's" Automatic), 55 W Houston, New York
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Mott J. L. Iron Works, Trenton, N. J.
Murray Iron Works Co., Burlington, Ia.
New Haven Boiler Works, Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Page Wm. H. Boiler Co., 141 W. 36th, New York
Penna. Range Boiler Co., 2024 N 10th, Phila., Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila, Pa.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
REEVES BROS. CO. (THE), Alliance, O.
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Springfield Boiler Co., Springfield, Ill.
Steel Plate Products Co., Pottstown, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
Thompson Iron Works, 1825 Callowhill, Phila., Pa.
Trageser John Steam Copper Works, 477 W 26th, New York
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Tudor Boiler Mfg. Co., 715 3d, Cincinnati, O. G
Walker & Pratt Mfg. Co. (Galvanized Steel), 31 Union, Boston, Mass.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wolff Mfg. Co., 255 N Hayne av, Chicago, Ill.
Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

14756— Tanks (Faucet)

Chapin R. E. Mfg. Works (Galvanized), Batavia, N. Y.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg., Kansas City, Mo.
Meurer Steel Barrel Co., Inc. ("Anchor" Welded Seamless), 23 W 43rd, New York
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
Rochester Can Co. ("Iron Horse" Galvanized), Rochester, N. Y.
See adv index at end of book
St. Louis Metalware Co. (& Oil), 2507 N B'way, St. Louis, Mo.
Sexton Can Co., 123 Broad, Boston, Mass.

14757— Tanks (Filter)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
American Water Softener Co., 10th & Chestnut, Phila., Pa.
Baltimore Cooperage Co. (Wooden), Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Brennan Jno. & Co. ("Detroit" Steel), Dept. H, 24th & M. C. R. R., Detroit, Mich.
Caldwell W. E. Co., Louisville, Ky.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Corcoran A. J., Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Frick Co., Waynesboro, Pa.
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heltzel Steel Form & Iron Co. (The), Warren, O.
Kittoe Boiler & Tank Co., Inc, Canton, O.
Koven L. O. & Bro, 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNeil Boiler Co., 96 Crozier, Akron, O.
Mader Bros. & Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New Haven Boiler Works, Inc., New Haven, Conn.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S. Howard, Baltimore, Md.
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Richmond Water Softener Co., Richmond, Ind.
Ruemmeli-Dawley Mfg. Co., 3900 Chonteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sotter Bros., Pottstown, Pa.
Standard Boiler & Plate Iron Co., Niles, O.
Steel Plate Products Co., Pottstown, Pa.
Struther-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
Treadwell Construction Co., Midland, Pa.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14758—Tanks (Fire Extinguisher)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Childs O. J. Co., Utica, N. Y.
Columbiana Boiler Co., Columbiana, O.
Hartley Boiler Works, Montgomery, Ala.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McNamara Bros. Co., Westport, Baltimore, Md.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S. Howard, Baltimore, Md.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Rex-Harris Fire Appliance Co., 310 W 39th, New York
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Wendnagel & Co., 600 W 22nd, Chicago, Ill.

14759— Tanks (Fire Pail)

Hayward S. F. & Co., 250 W 54th, New York
Rochester Can Co. ("Iron Horse" Galvanized), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rowe A. C. & Son, 33 Reade, New York
SAFETY FIRE EXTINGUISHER CO. (Safety Fire Bucket Tanks), 295 7th av, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), ("Corco"), Wheeling, W. Va.

14760— Tanks (Flush)

Excel Mfg. Co. (Syphons for Sewage & Water), Pottersville, N. J.
McNamara Bros. Co., Westport, Baltimore, Md.
Merritt Hydraulics Co. ("Merritt," Water Saving for Sewers), 110 N Broad, Phila., Pa.
New Haven Boiler Works, Inc. New Haven, Conn.
Pacific Flush Tank Co. ("Miller" Automatic Siphon for Flushing Sewers), 4241 Ravenswood av, Chicago, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

L. O. KOVEN & BROTHER

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Galvanizing for the Trade

KOVEN GALVANIZED RANGE BOILERS

TANKS (FLUSH)—continued

Stary Frank & Sons (Automatic Syphons), Cedar Rapids, Ia.
Union Metal Works, Chelsea, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wise J. B., Inc., Watertown, N. Y.

14761— Tanks (Fuel Oil)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Atkinson W. H. Co., Hoboken, N. J.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Buckeye Boiler Co., Dayton, O.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill. *For branch offices see adv index at end of book*
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., Inc., 4000 N. 2nd, Phila., Pa. *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine, Wis.
Gerdes & Co., 42 Church, New York *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO. (& Water), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Hammond Iron Works (Storage), Warren, Pa. *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Heltzel Steel Form & Iron Co. (The), Warren, O.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Lindsay W. W. & Co., Inc., Harrison bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
Mertz John Mfg. Co., Sandusky, O.
Mobile Steel Co., Mobile, Ala.
NATIONAL TANK & PIPE CO., Kenton Sta., Portland, Ore. *See adv index at end of book*
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Perfection Metal Products Co., Topeka, Kan.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg., Phila, Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
REEVES BROS. CO. THE, Alliance, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Southern Bridge Co., Birmingham, Ala.
Spokane Culvert & Tank Co., Spokane, Wash.
Star Tank Co. (Gal'd), Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book*
Topeka Steam Boiler Works, Topeka, Kans.
Traylor Engng. & Mfg. Co., Allentown, Pa. *See adv index at end of book*
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo. *See adv index at end of book*

14762—Tanks (Galvanized Steel)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
Aermotor Co., 2500 W 12th, Chicago, Ill.
Alamo Iron Works, San Antonio, Tex.
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Appleton Mfg. Co., Batavia, Ill.
Badger Steel Roofing Corrugating Co., La Crosse, Wis.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Barnes & Nuss Co., Frand Forks, N. D.
Beckman Bros., Des Moines, Ia.
Bowser S. F. & Co., Fort Wayne, Ind.
Buch's A. Sons Co., Elizabethtown, Pa.
Bushnell Tank Works (Stock & Storage), Bushnell, Ill.
Butler Co., Butler, Ind.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
Chicago Steel Tank Co., Cicero, Ill.
Clark W. J. Co., Salem, O.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kans.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Columbian Steel Tank Co., New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Consolidated Sheet Metal Wks., 661 Hubbard, Milwaukee, Wis.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Dempster Mill Mfg. Co., Beatrice, Neb.
Detroit Range Boiler & Steel Barrel Co., 619 24th, Detroit, Mich.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duplex Mfg. Co., Superior, Wis.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Ferguson Mfg. Co., Dubuque, Ia.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
Freeland B. F. Sons Co., Sturgis, Mich.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Gehl Bros. Mfg. Co., West Bend, Wis.
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Graver Corp., East Chicago, Ind.
Greenville Mfg. Co., Greenville, O.
G. & D. Mfg. Co., Streator, Ill.
Harry Bros. Co. ("Harry's," Corrugated & "K-D" Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co., 2333-35 Papin, St. Louis, Mo.
Harry O. K. Steel Works (Corrugated Stock, Storage, Railroads, Grain, Wagon, etc), Dallas, Texas
Hawkeye Pump Co., Fairfield, Ia.
Heller-Aller Co., Napoleon, O.
Hunt & Dorman Mfg. Co. (Iron Storage), 1600 E 24th, Cleveland, O.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kelly Foundry & Machine Co., Goshen, Ind.
Kewanee Boiler Co., Kewanee, Ill.
KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lansing Silo Co., Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Martin Metal Mfg. Co., Wichita, Kans.
Messenger & Parks Mfg. Co. (Storage, Watering, etc), Aurora, Ill.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Meurer Steel Barrel Co., Inc. (Welded Seamless), 23 W 43rd, New York
Miller & Hoy Mfg. Co., Kendallville, Ind.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Mobile Steel Co., Mobile, Ala.
Morrison Bros., Dubuque, Ia.
Muenzenmayer J. J. & W. F. (Iron Stock), Junction City, Kan.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.

New York Central Iron Wks. Co., Inc., Hagerstown, Md.
Niles Steel Tank Co., Niles, Mich.
North Dakota Metal Culvert Co., Fargo, N. D.
Northfield Iron Co., Northfield, Minn.
Oakes & Burger Co., Cattaraugus, N. Y.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio
Penna. Furnace & Stove Co., Warren, Pa.
Perfection Metal Products Co., Topeka, Kans.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Phillips & Buttorff Mfg. Co. (Iron), Nashville, Tenn.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pioneer Mfg. Co., Middlebury, Ind.
Red King Co., Wauseon, O.
Richmond Water Softener Co., Richmond, Ind.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co., 123 Broad, Boston, Mass.
South Bend Spark Arrester Co., South Bend Ind.
Spokane Culvert & Tank Co., Spokane, Wash.
Star Tank Co., Goshen, Ind.
Tokheim John J., Cedar Rapids, Ia.
Trachte Bros. Co., Madison, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vernier Mfg. Co., Cedar Rapids, Ia.
Warren City Tank & Boiler Co., Warren, Ohio
Waterloo Mfg. Co. (Stock, Storage, Creamery, etc), Waterloo, Ia.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Woodmanse Mfg. Co., Freeport, Ill.

14762a—Tanks (Galvanizing)

Coatsville Boiler Works, 30 Church, New York
Corcoran A. J., Inc. (Wood), 745 Jersey av, Jersey City, N. J.
See adv index at end of book
General Ceramics Co., 50 Church, New York
Knight Maurice A., Akron, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.

14763—Tanks (Garbage Wagon, Steel)

McDermott Bros. Co., Allentown, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Spokane Culvert & Tank Co., Spokane, Wash.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14763a— Tanks (Gas)

Amer Steel Pipe & Tank Co. (Corrugated), 608 S Main, Los Angeles, Cal.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Consolidated Pipe Co., 2440 E 9th, Los Angeles, Cal.
See adv index at end of book
Graver Corp., East Chicago, Ill.
Heltzel Steel Form & Iron Co. The, Warren, O.
Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Scaife Wm. B. Sons & Co., 1st Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Steel Plate Products Co., Pottstown, Pa.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
Youngstown Pressed Steel Co. (Ends), Warren, O. *See adv index at end of book*

14764—Tanks (Gas Engine Cooling)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bushnell Tank Works, Bushnell, Ill.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbiana Boiler Co., Columbiana, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Roseland Can & Specialty Co., Rockford, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co., 123 Broad, Boston, Mass.
Struthers-Wells Co., Warren, Pa.
Warren City Tank & Boiler Co., Warren, O.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14765-6— Tanks (Gasoline)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
Air Tight Steel Tank Co. (Storage for Motor Cars, etc,) Mansion & B. & O. R. R., Pittsburgh, Pa.
AMERICAN CAN CO. (Underground Storage), 120 Broadway, New York
See adv index at end of book
American Iron Works, Louisville, Ky.
American Oil Pump & Tank Co. (Underground Storage), Findlay & Dalton, Cincinnati, O.
Atkinson W. H. Co., Hoboken, N. J.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
Beman Automatic Oil Can Co., Ltd., Box 375, Meadville, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co. (Self-Measuring), Fort Wayne, Ind.
Buckeye Boiler Co. (Underground Storage), Dayton, O.
Burton W. J. Co. (Automobile), Junction & Leavitt avs, Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
Case J. I. Threshing Machine Co. (Portable), Racine, Wis.
Clayton & Lambert Mfg. Co. (Automobile), 1370 Beaubien, Detroit, Mich.
Climax Machine & Burner Co. ("Imperial" Storage for Garage), 133 3rd av, Newark, N. J.
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Detroit Range Boiler & Steel Barrel Co. (Galvanized), 619 24th, Detroit, Mich.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Franklin Galvanized Ware Mfg. Co. (Galvanized), Franklin, Ind.
GEUDER, PAESCHKE & FREY CO., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gilbert & Barker Mfg. Co. ("Gilbert & Barker" Underground Storage), Springfield, Mass.
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Hamburg Boiler Works (Storage), Hamburg, Pa.
Heil Co., 26th & Montana av, Milwaukee, Wis.
Heltzel Steel Form & Iron Co. The, Warren, O.
Holan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Inglis Mfg. Co., 283 5th av, Milwaukee, Wis.
International Boiler Works Co., East Stroudsburg, Pa.
Johnson & Thompson, Birmingham, Ala.
Kellogg W. M. Co. (Welded), 90 West, New York *See adv index at end of book*
Kelly Foundry & Machine Co., Goshen, Ind.
Kewanee Private Utilities Co. (Storage), Kewanee, Ill.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cinn., O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C. ("Number Ten"), 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lanpan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leader Iron Works, Decatur, Ill.
Lebanon Boiler Works, Lebanon, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Martin Metal Mfg. Co., Wichita, Kan.
Mertz John Mfg. Co., Sandusky, O.
Metal Package Corp. of N. Y., 500 5th av, New York *See adv index at end of book*
Meurer Steel Barrel Co., Inc. ("Anchor" Welded Seamless), 23 W 43rd, New York
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Mobile Steel Co., Mobile, Ala.
Morrison Bros., Dubuque, Ia.
National Enameling & Stamping Co. (Underground Storage), 1901 Light, Baltimore, Md.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
REEVES BROS. CO., THE, Alliance, O.
See adv index at end of book
Rochester Can Co. ("Iron Horse" Galvanized Iron with Lock Faucet), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO. (Storage, Launch, Underground, etc.), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.
Spokane Culvert & Tank Co., Spokane, Wash.
Standard Tank Co., 15 Park Row, New York
Star Tank Co. (Galv.), Goshen, Ind.
Tippett & Wood, Phillipsburg, N. J.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Tokheim John J. Co., Cedar Rapids, Ia.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson F. Cortez Co., 159 W Lake, Chicago, Ill.
Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Tanks (Glass Enameled Steel)

See Tanks, Steel, Glass Enameled

Tanks (Grain Elevator)

See Tanks, Grain Storage

14767—Tanks (Grain Storage)

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bethlehem Fabricators, Inc., Bethlehem, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Bros. Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Bushnell Tank Works, Bushnell, Ill.
Caldwell W. E. Co., Louisville, Ky.
California Corrugated Culvert Co. ("Calco"), Los Angeles & Berkeley, Cal.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
CRAINE SILO CO. INC., Norwich, N. Y.
See adv index at end of book
Dickey W. S. Clay Mfg. Co. (Glazed Hollow Tile), Kansas City, Mo., Mocomb, Ill., & Chattanooga, Tenn.
DOVER-BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, Ohio
Freeman Mfg. Co., Racine, Wis.
Graver Corp., (& Grain Elevator), East Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book

TANKS (GRAIN STORAGE)—continued
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Heggie James G. & Sons, Joliet, Ill.
Johnson & Barry Steel Co., Birmingham, Ala.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lakeside Bridge & Steel Co., 402 Villard av, N Milwaukee, Wis.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
Mader Bros Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kan.
Michelmann Steel Construction Co., Quincy, Ill.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Mobile Steel Co., Mobile, Ala.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Northfield Iron Co., Northfield, Minn.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Paul Roofing, Cornice & Ornament Co. (Galvanized Steel), St. Paul, Minn.
Southern Boiler & Tank Works, Memphis, Tenn.
Spokane Culvert & Tank Co., Spokane, Wash.
Standard Boiler & Plate Iron Co., Niles, Ohio
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Machy. Co., Tulsa, Okla.
United Iron Works, Inc., Kansas City, Mo.
Walsh & Widener Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kansas
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wiederholdt Construction Co. ("Wiederholdt" System Reinforced Tile & Concrete), Old Bank of Commerce, St. Louis, Mo.

14767a—Tanks (Gravity & Pressure Automatic Sprinkler System)

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
CORCORAN A. J. INC., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Heltzel Steel Form & Iron Co., The, Warren, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Scaife Wm. B. Sons & Co., 1st Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*
Steel Plate Products Co., Pottstown, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14768—Tanks (Hard Rubber)

American Hard Rubber Co. (For Chemical Plants, etc), 9 Mercer, New York

Tanks (High Pressure)

See Tanks, Pressure

14769— *Tanks (Hot Air)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Tanks (Hot Water)

See Tanks, Steel, Hot Water Storage

14769a— *Tanks (Humidifier)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

Tanks (Hydrogen & Oxygen)

See Cylinders, Hydrogen & Oxygen

14770—Tanks (Hydro-Pneumatic)

American Welding Co., Carbonadle, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Domestic Engine & Pump Co., Shippensburg, Pa.
Graver Corp., East Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
International Boiler Works Co., East Stroudsburg, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Nagle Engine & Boiler Works, Erie, Pa.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
NOVELTY STEAM BOILER WORKS, 917 S Howard, Baltimore, Md.
Pennsylvania Boiler Works, Erie, Pa.
Petroleum Iron Works Co., Sharon, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book

Tanks (Ice)

See Ice Tanks & Pans

14771—Tanks (Indurated Fibre)

Fibre Corporation, Lockport, N. Y.

Tanks (Iron)

See Tanks, Steel

14772— Tanks (Jacketed)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
GERDES & CO., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
Heltzel Steel Form & Iron Co., The, Warren, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Krenz Oscar Copper & Brass Works, 612 Bryant, San Fransisco, Cal.
Lebanon Boiler Works, Lebanon, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Steel Plate Products Co., Pottstown, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Western Drop-Forge Co., P. O. Box 386, Marion, Ind.

14773—Tanks (Knock-Down)

ACME TANK COMPANY (Wood), 43 Cortland, New York
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Butler Mfg. Co., Kansas City, Mo.
California Corrugated Culvert Co. ("Calco"), Berkeley, Los Angles, Cal.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
CRAINE SILO CO. INC. (Wood), Norwich, N. Y. *See adv index at end of book*
Ferguson Mfg. Co., Dubuque, Ia.
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, O.
Graver Corp., East Chicago, Ind.
Harry Bros. Co. ("Harry's," Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Johnson & Thompson, Birmingham, Ala.
Kelly Foundry & Machine Co., Goshen, Ind.
Klauer Mfg. Co. (Galvanized), Dubuque, Ia.
Kretchmer Mfg. Co. (Galvanized or Steel), Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lebanon Boiler Works, Lebanon, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Perfection Metal Products Co., Topeka, Kans.
Phoenix Iron Works Co., Meadville, Pa.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Wks., Memphis, Tenn.
Star Tank Co. (Galv.), Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.
Trachte Bros. Co., Madison, Wis.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14774— Tanks (Lead)

Badger E. B. & Sons Co. (Also Lead Lined), 75A Pitts, Boston, Mass.
See adv index at end of book
Chadwick-Boston Lead Co., Boston, Mass.

14775— Tanks (Lead or Copper Lined)

Abernethy John F., 703 Myrtle av, Brooklyn, N. Y.
Badger E. B. & Sons Co., 75A Pitts, Boston, Mass.
See adv index at end of book
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hamler Boiler & Tank Co. (Lead Lined), Dept. H, W 66th & 60th av, Chicago, Ill.
Hauser-Stander Tank Co. (Lead Lined), Cincinnati, O.
NEW ENGLAND TANK & TOWER CO. (Lead Lined), 42 Main, Everett, Mass.
See adv index at end of book
Wendnagel & Co., 600 W 22nd, Chicago, Ill.

14776—Tanks (Lighting System)

Best Light Co., 477 Second N E, Canton, O.
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Federal Pressed Steel Co., Keefe av & North Pierce, Milwaukee, Wis.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14776a—*Tanks (Locomotive Service)

Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.

14777— Tanks (Lubricating Oil Storage)

See also Cabinets, Oil

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Oil Pump & Tank Co. (With Self-Measuring Pump, etc), Findlay & Dalton, Cincinnati, O.
Beman Automatic Oil Can Co. ("Beman"), Meadville, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bowser S. F. & Co., Fort Wayne, Ind.
Butler Mfg. Co., Kansas City, Mo.
California Boiler Works, 526 Howard, San Fransisco, Cal.
Chicago Steel Tank Co., Cicero, Ill.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.
Drake-Williams-Mount Co., Omaha, Neb.
Eastern Oil Tank Co. (Underground, etc., Fitted With Self-Measuring Pump), Lowell, Mass.
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Kraft A. C. ("Number Nine," "W. & E.," "Aztec" & "Zetroc"), 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
Meurer Steel Barrel Co. Inc. ("Anchor" Welded Seamless), 23 W 43d, New York
Milwaukee Tank Works ("Milwaukee," "Kant Leek"), Fratney & Becker, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Gage & Supply Co. ("White Star"), 30th & Liberty av, Pittsburgh, Pa.
Reummeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co. ("Sexton's" Adjustable), 123 Broad, Boston, Mass.
Steel Plate Products Co., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Spokane Culvert & Tank Co., Spokane, Wash.
Star Tank Co. (Galv.), Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
Tokheim John J. Co. (Dry Cleaners & Paint Oils), Cedar Rapids, Ia.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book
Trachte Bros. Co., Madison, Wis.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turner Oil Filter Co. ("Turner"), Niles, Mich.
Vac Liquid Equipment Co., Cedar Rapids, Ia.
Wall P. Mfg. & Supply Co., 705 Preble av, Pittsburgh, Pa.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14778— Tanks (Milk)

Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill.
See adv index at end of book
Elyria Enameled Products Co., The (Glass Enameled), Elyria, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.

14778a— Tanks (Mixing)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Baker's Sons J. & Perkins Co. Inc., White Plains, N. Y.
Baltimore Cooperage Co., The (Wooden Mixing), Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Caldwell W. E. Co., Louisville, Ky.
Chicago Steel Tank Co., Cicero, Ill.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Davis-Watkins Dairymen's Mfg. Co. ("Davis"), Dept. H, North Chicago, Ill.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., The, Warren, O.
JOHNSON JOHN CO., 37th & 2nd av, Brooklyn, N. Y.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro. (Square & Deep), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Leslie Elliott & Co., Paterson, N. J.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Mader Bros. & Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Phoenix Iron Works Co., Meadville, Pa.
Smith Samuel & Son Co., Paterson, N. J.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14779— Tanks (Molasses)

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
DOVER BOILER WORKS. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Graver Corp., East Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & L. C. R. R., New Orleans, La.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23rd & Papin, St. Louis, Mo.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Southern Boiler & Tank Works, Memphis, Tenn.
Standard Boiler & Plate Iron Co., Niles, O.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Trachte Bros. Co., Madison, Wis.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14780— Tanks (Molasses Heating)

BIGGS BOILER WORKS CO., Case & Williams, Akron, O.
See adv index at end of book
Johnson & Thompson, Birmingham, Ala.
New York Central Iron Wks. Co., Inc., Dept. H, Hagerstown, Md.

14781—Tanks (Motor Boat)

Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Mobile Steel Co., Mobile, Ala.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14781a— *Tanks (Mounted on Wheels)

Gerdes & Co., 42 Church, New York.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book

14782— Tanks (Muffle)

Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.

14783— Tanks (Naptha)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colonly bldg, Chicago, Ill.
For branch offices see adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.

14784—Tanks (Oil Storage)

See also Tanks, Lubricating Oil Storage also Tanks, Cocoanut Oil Storage
Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
American Bridge Co., 30 Church, New York
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Welding Co., Carbondale, Pa.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Black Sivalls & Bryson, Bartlesville, Okla.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co. (Paint Lubricants), Fort Wayne, Ind.
Buckeye Boiler Co., Dayton, O.
Bushnell Tank Works (Steel & Wood), Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co. (500 to 100,000 Gallons), Louisville, Ky.

TANKS (OIL STORAGE)—continued
California Boiler Works, 526 Howard, San Fransisco, Cal.
California Corrugated Culvert Co. ("Calco"), Berkeley, & Los Angeles, Cal.
Casey-Hedges Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Chicago Steel Tank Co. (Underground), Cicero, Ill.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connelly D. Boiler Co. ("Connelly" Oil Transportation), Ivanhoe rd and N. Y. & St. L. R. R., Cleveland, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Cruse-Kemper Co., Ambler, Pa.
Davis Welding & Mfg. Co., 1543 Queen City av, Cincinnati, O.
Deily & Fowler Mfg. Co., 39 Laurel, Phila., Pa.
Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.
Dickey W. S. Mfg. Co. (Glazed), Kansas City, Mo.
DOVER BOILER WORKS, Sales Office: 40 Church, New York: Works: Dover, N. J. *See adv index at end of book*
Downingtown Iron Wks., East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
Eastern Oil Tank Co., Lowell, Mass.
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass.
Graver Corp., East Chicago, Ind.
Gunning Boiler & Machine Co., New Bedford, Mass.
HAMMOND IRON WORKS. Warren, Pa.
See adv index at end of book
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & L. C. R. R., New Orleans, La.
Hartley Boiler Works, Montgomery, Ala.
Hauser-Standard Tank Co. (Hot Oil), Cincinnati, O.
Heggie James G. & Sons, Joliet, Ill.
HOPLAN METAL PRODUCTS CO. THE (Light), W 40th & Clark av., Cleveland, O. *See adv index at end of book*
Inglis Mfg. Co., 283 5th av., Milwaukee, Wis.
International Boiler Works Co., East Stroudsburg, Pa.
Johnson & Thompson, Birmingham, Ala.
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacy Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lindsay W. W. & Co. Inc., Harrison bldg, Phila., Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
Mader Bros. & Co., Lebanon, Pa.
Main Iron Works, 16th & Daggeth, San Francisco, Cal.
Main Iron Works, 16th & Daggett, San Francisco, Cal.
Manitowoc Engineering Works, Manitowoc, Wis.
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Meurer Steel Barrel Co. Inc., ("Anchor" Welded Seamless), 23 W 43d, New York
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Morrison Bros., Dubuque, Ia.
Montague Pipe & Steel Co., Hobart bldg., San Francisco, Cal.
Nashville Bridge Co., Nashville, Tenn.
National Supply Co. (Fuel Oil Storage), 416 W Grand av, Chicago, Ill.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Nugent Wm. W & Co., 146 W Superior, Chicago, Ill.
Ocean Shore Iron Wks, 550 8th, San Francisco, Cal.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Pacific Tank & Pipe Co. (Wood), 308 Market, San Francisco, Cal.
Parkersburg Rig & Reel Co. (Steel & Wood 65 to 2000 bbl. capacity), Parkersburg, W. Va.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.
Phoenix Iron Wks. Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Puget Sound Boiler Works, Seattle, Wash.
Redwood Manufacturer's Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Reeves Bros. Co. (The), Alliance, O.
See adv index at end of book
Riter-Conley Co. (Steel), Oliver bldg., Pittsburgh, Pa.
Rockwell W. S. Co. (Cylindrical Style), 50 Church, New York
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Runyan Mfg. Co., Grand Rapids, Mich.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York.
See adv index at end of book
Schmook Harry B., Springfield, Mo.
SCHOFIELD'S J. S. SON CO., Macon, Ga.
Sexton Can Co. ("Sexton"), 123 Broad, Boston, Mass.
Shotwell Pump & Tank Co., 21 N Alabama, Indianapolis, Ind.
Southern Bridge Co., Birmingham, Ala.
Spokane Culvert & Tank Co., Spokane, Wash.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Tank Co., 115 Park row, New York
Star Tank Co. (Galvanized), Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book.*
Tokheim John J. Co., Cedar Rapids, Ia.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.
Topeka Steam Boiler Works, Topeka, Kans.
Trachte Bros. Co., Madison, Wis.
Traylor Engng. & Mfg. Co., Allentown, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works, Inc., Kansas City, Mo.
Vulcan Iron Works Inc., Hudson & Essex, Jersey City, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

14785— Tanks (Oil Wagon)

Aultman & Taylor Machy. Co., Mansfield, Ohio
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Graver Corp., East Chicago, Ind.
Heil Company (Welded Delivery), 26th & Montana avs, Milwaukee, Wis.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Littleford Bros., 444 E Pearl, Cincinnati, O.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.



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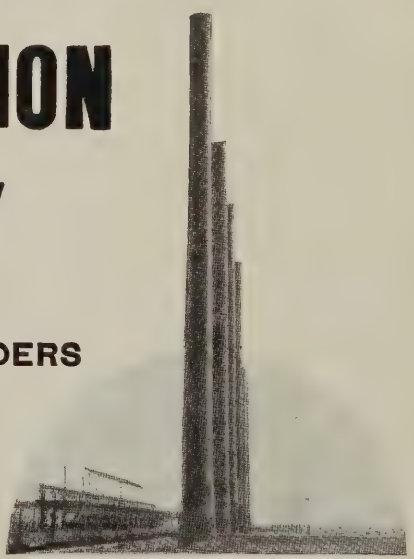
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O. H. Furnace Stacks

Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Spokane Culvert & Tank Co., Spokane, Wash.
Steel Plate Products Co., Pottstown, Pa.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Tanks (Oxygen)

See Cylinders, Hydrogen & Oxegen

14786— *Tanks (Pickling)

Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
NATIONAL TANK & PIPE CO., Kenton Sta., Portland, Ore.
See adv index at end of book

14787—Tanks (Pneumatic Water)

Andrews Heating Co., 2529 University av S E, Minneapolis, Minn.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bremen Mfg. Co., Bremen, O.
Buckeye Boiler Co., Dayton, O.
California Boiler Works, 526 Howard, San Francisco, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Erwin & Co., 3736 Cottage Grv av, Chicago, Ill.
Ft. Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.
Graver Corp., East Chicago, Ind.
Hamburg Boiler Works, Hamburg, Pa.
Hartley Boiler Works, Montgomery, Ala.
Heil Company, 26th & Montana aves, Milwaukee, Wis.
Heller-Aller Co., Napoleon, O.
Heltzel Steel Form & Iron Co. The, Warren, O.
International Boiler Works Co., East Stroudsburg, Pa.
Kelly Mfg. Co., Bucyrus, O.
Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leader Iron Works, Decatur, Ill.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Michelmann Steel Construction Co., Quincy, Ill.
Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d Papin, St. Louis, Mo.
Morrison Bros., Dubuque, Ia.
National Steel Tank & Mfg. Co., Bradford, Ill.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
NOVELTY STEAM BOILER WORKS, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Pacific Pump & Supply Co. (Jobber) 853 Folsom, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Sanitary Co., Dept. H, Linfield, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., and 26 Cortlandt, New York
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book.*
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
Whitaker-Glessner Co., Wheeling, W. Va.

14788—Tanks (Pressed Steel)

Federal Pressed Steel Co., Keefe av & Pierce, Milwaukee, Wis.
Heltzel Steel Form & Iron Co., Warren, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Nortmann-Duffke Foundry Co., 27th av, Milwaukee, Wis.
Ocean Shore Iron Works, 550 8th San Francisco, Cal.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

14789— Tanks (Pressure)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Welding Co. (Seamless Welded, For High Pressure), Carbondale, Pa.
Andrews Heating Co. (Pneumatic), Minneapolis, Minn.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Buckeye Boiler Co., Dayton, O.
Bushnell Tank Works, Bushnell, Ill.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newnan, Ga.
Coleman Lamp Co. (For Gasoline & Kerosene Burners), Dept. H, Wichita, Kans.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000N 2nd, Phila., Pa.
See adv index at end of book
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Devine J. P. Co., Buffalo, N. Y.
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover N. J. *See adv index at end of book*
Downingtown Iron Works, East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
East Jersey Pipe Corp., Paterson, N. J.
ELECTROLABS CO., 2635 Penn. av, Phila., Pa. *See adv index at end of book*
Federal Pressed Steel Co., Keefe av & North Pierce, Milwaukee, Wis.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Franklin Machine & Steam Boiler Works, 21 Franklin, Brooklyn, N. Y.
Freeman Mfg. Co., Dept. O, Racine, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
Greenspon's Jos. Sons Iron & Steel Co. (Second Hand), 67 Branch, St. Louis, Mo.
Hamler Boiler & Tank Co., Dept. H, W 66th & 60th av, Chicago, Ill.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heil Company, 26th & Montana avs, Milwaukee, Wis.
Heltzel Steel Form & Iron Co. The, Warren, O.
International Boiler Works Co., East Stroudsburg, Pa.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Johnson & Thompson, Birmingham, Ala.
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lake Erie Boiler Works, Buffalo, N. Y.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leader Iron Works, Decatur, Ill.
Lebanon Boiler Works, Lebanon, Pa.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lindsay W. W. & Co. Inc., Harrison bldg, Phila., Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Mader Bros. & Co., Lebanon, Pa.
Michelmann Steel Construction Co., Quincy, Ill.
Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Muskegon Boiler Works, Muskegon, Mich.
Nagle Engine & Boiler Works, Erie, Pa.
Nashville Bridge Co., Nashville, Tenn.
National Steel Tank & Mfg. Co., Bradford, Ill.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Works Co., Inc., Hagerstown, Md.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ocean Shore Iron Works, 550 8th, San San Francisco, Cal.
Ohio Machine & Boiler Co., 1510 University rd, Cleveland, Ohio
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
REEVES BROS. CO. THE, Alliance, O.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First Nat'l Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Smith Theo. & Sons Co., ft of Essex, Jersey City, N. J.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Bridge Co., Birmingham, Ala.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Tank Co., 15 Park Row, New York
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Vulcan Iron Works Inc., Hudson & Essex, Jersey City, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitaker-Glessner Co., Wheeling, W. Va.
Wood John Mfg. Co. (Electric Welded, Conshohocken, Pa.

14789a— Tanks (Pulp)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa.
See adv index at end of book

14790—Tanks (Railroad Water)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Caldwell W. E. Co., Louisville, Ky.
Challenge Co., Batavia, Ill.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newnan, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Handlan-Buck Mfg. Co. (All Sizes), 210 N 3rd, St. Louis, Mo.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heine Chimney Co., The, (Reinforced Concrete), 123 W Madison, Chicago, Ill.
Johnson & Thompson, Birmingham, Ala.
Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNamara Bros. Co., Westport, Baltimore, Md.
Mader Bros. & Co., Lebanon, Pa.
NATIONAL TANK & PIPE CO., Kenton Sta., Portland, Ore.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
PACIFIC TANK & PIPE CO., 318 Market, San Francisco, Cal.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros Co. (The), Alliance, O.
See adv index at end of book

TANKS (RAILROAD WATER)—continued
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Works, Memphis, Tenn.
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14790a—Tanks (Rectangular)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Charleston Iron Works, Charleston, S. C.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Heltzel Steel Form & Iron Co. The, Warren, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lebanon Boiler Works, Lebanon, Pa.
Mader Bros. & Co., Lebanon, Pa.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
PACIFIC TANK & PIPE CO., 318 Market, San Francisco, Cal.
Steel Plate Products Co., Pottstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

14790b—Tanks (Redwood)

See also Tanks (Wood)

National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
Pacific Mfg. Co., Santa Clara, Cal.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Redwood Mfrs. Co., Hobart bldg, San Francisco, Cal.

14790c—Tanks (Reinforced Concrete)

Folwell-Ahlskog Co., McCormick bldg, Chicago, Ill.
Heine Chimney Co., The, 123 W Madison, Chicago, Ill.
Johnson & Thompson, Birmingham, Ala.
New Haven Boiler Works Inc., New Haven, Conn.

14791— Tanks (Rendering)

Allbright-Nell Co., 5315 Western av, Chicago, Ill.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Brecht Co. (For Lard, Tallow, etc), 1201 Cass av, St. Louis, Mo.
Caldwell W. E. Co., Louisville, Ky.
Cambridge Iron Works, Cambridge, Mass.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
DAYTON BEATER & HOIST CO., Dayton, O. *See adv index at end of book*
Dover Boiler Works, Sales Offices: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heller-Aller Co. (For Lard, Tallow, etc), Napoleon, O.
Heltzel Steel Form & Iron Co. The, Warren, O.
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Kittoe Boiler & Tank Co., Inc., Canton, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
Reeves Bros Co. (The), Alliance, O.
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.
Southern Boiler & Tank Works, Memphis, Tenn.
Standard Boiler & Plate Iron Co., Niles, Ohio
Steel Plate Products Co., Pottstown, Pa.
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Hoboken, N. J.
Vulcan Iron Works Inc., Hudson & Essex, Jersey City, N. J.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14791a— Tanks (Riveted)

Biggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lebanon Boiler Works, Lebanon, Pa.
Mobile Steel Co., Mobile, Ala.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc. (Steel), Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Scaife Wm. B. Sons Co., 1st Nat'l. Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Steel Plate Products Co., Pottstown, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14792—*Tanks (Rubber Cement)

BIGGS BOILER WORKS CO., Case av. & Williams, Akron, O.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.

14793—Tanks (Sand Storage)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
DOVER BOILER WORKS, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Johnson & Thompson, Birmingham, Ala.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Steel Plate Products Co., Pottstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14793a—*Tanks (Seamless One-Piece Glass Enameled)

Elyria Enameled Products Co., Elyria, O.

14794-5—Tanks (Seamless Steel)

Elyria Enameled Products Co. (Vitreous Enameled), Elyria, O.
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Janney-Steinmetz & Co. ("Jasco"), 1421 Chestnut, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meurer Steel Barrel Co. Inc. ("Anchor" Brand Seamless), 23 W 43d, New York
National Tube Co., Frick bldg, Pittsburgh, Pa.
Pressed Steel Tank Co. (Also Seamless Cylinders), 58th & Greenfield av, Milwaukee, Wis.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

14796-7— Tanks (Sectional

Butler Mfg. Co., Kansas City, Mo.
California Boiler Works, 526 Howard, San Francisco, Cal.
Kretchmer Mfg. Co. (Iron or Steel), Council Bluffs, Ia.
Manitowoc Engineering Works, Manitowoc, Wis.
Steel Plate Products Co., Pottstown, Pa.
Stuart & Peterson Co. (Porcelain Lined or Plain Iron), Burlington, N. J.

14798—Tanks (Septic, for Sewage Disposal)

Andrews Heating Co. (Steel), Minneapolis, Minn.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatmen's Bank bldg, St. Louis, Mo.
Cameron Septic Tank Co., Monadnock blk, Chicago, Ill.
Cement Products Co., Wilmington, N. C.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Macomb Sewer Pipe Co., Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
New Haven Boiler Works Inc., New Haven, Conn.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
San Antonio Sewer Pipe Works, San Antonio, Texas
Speed & Kearney, Memphis, Tenn.
Standard Sewer Pipe Works, Rome, Ga.
Steel Plate Products Co., Pottstown, Pa.
Texarkana Pipe Works, Texarkana, Ark.

14799—Tanks (Settling & Pulp Thickening)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Galigher Machinery Co. ("Callow" for Mines), Salt Lake City, Utah
Manitowoc Engineering Works, Manitowoc, Wis.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Steel Plate Products Co., Pottstown, Pa.

14800-1—Tanks (Sheep Dipping)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Chicago Steel Tank Co., Cicero, Ill.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Heltzel Steel Form & Iron Co., Warren, Ohio
Kelly Foundry & Machine Co., Goshen, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New Haven Boiler Works Inc., New Haven, Conn.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Spokane Culvert & Tank Co., Spokane, Wash.
Star Tank Co. (Galvanized), Goshen, Ind.
Steel Plate Products Co., Pottstown, Pa.

Tanks (Slate)

See Slate Tanks

14802— Tanks (Slurry)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Office, 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Manitowoc Engineering Works, Manitowoc, Wis.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Reeves Bros Co. (The), Alliance, O.
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
United Iron Works Inc. (For Cement Plants for Mixing Shale, etc.), Kansas City, Mo.

14803-4— Tanks (Soap)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp., East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Johnson & Thompson, Birmingham, Ala.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
McNamara Bros. Co., Westport, Baltimore, Md.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., (Factory), Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Wendnagel & Co., 600 W 22nd, Chicago, Ill.

14805— Tanks (Sprinkler)

Acme Tank Company (Wood), 43 Cortlandt, New York
See adv index at end of book
American Welding Co., Carbondale, Pa.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Challenge Co., Batavia, Ill.
Cole R. D. Mfg. Co., Newnan, Ga.
Connery & Co., 2d & Luzerne, Phila., Pa.
CORCORAN A. J. INC., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Downingtown Iron Works, East Downingtown, Pa.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Graver Corp., East Chicago, Ill.
Gunning Boiler & Machine Co., New Bedford, Mass.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
Missouri Boiler & Sheet Iron Works, 23rd & Paplin, St. Louis, Mo.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University Rd, Cleveland, O.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Courtlandt, New York
See adv index at end of book
SCHOFIELD'S J. S. SON CO., Macon, Ga
Sims Co., 18th & Whitley av, Erie, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Steel Plate Products Co., Pottstown, Pa.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wendnagel & Co., 600 W 22nd, Chicago, Ill.

14806— Tanks (Steel)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
Acme Boiler & Tank Co., 48th & Morgan, Chicago, Ill.
Aermotor Co. (Steel Only), 2500 W 12th, Chicago, Ill.
Air-Tight Steel Tank Co., Mansion & B. & O. R. R., Pittsburgh, Pa.
Allen Engineering & Mfg. Co., Savannah, Ga.
Allentown Boiler Works, Allentown, Pa.
American Bridge Co., 30 Church, New York
American Iron Works, Louisville, Ky.
American Welding Co. (Lap-Welded), Carbondale, Pa.
ATLAS COPPER & BRASS MFG. CO., 2734 High, hicago, Ill.
See adv index at end of book
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Baker Iron Wks., Los Angeles, Cal.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Bartlett A. F. & Co., Saginaw, Mich.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Bay City Iron Co., Bay City, Mich.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
Beckley Perforating Co., Garwood, N. J.
BEGGS, JAMES & CO., 30 Warren, New York. *See adv index at end of book*
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
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Birmingham Steel Corp., Birmingham, Ala.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Blickman S., Manley & Mount, (Small), Long Island City, N. Y.
Borger Bros. Co., 257 W Spring, Columbus, O.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Brennan John & Co. ("Detroit"), Dept. H, 24th & M. C. R. R., Detroit, Mich.
Bridgeport Boiler Works Co., Bridgeport, Conn.
Bros. Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.

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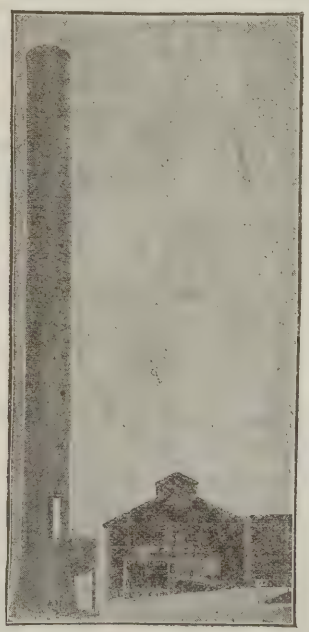


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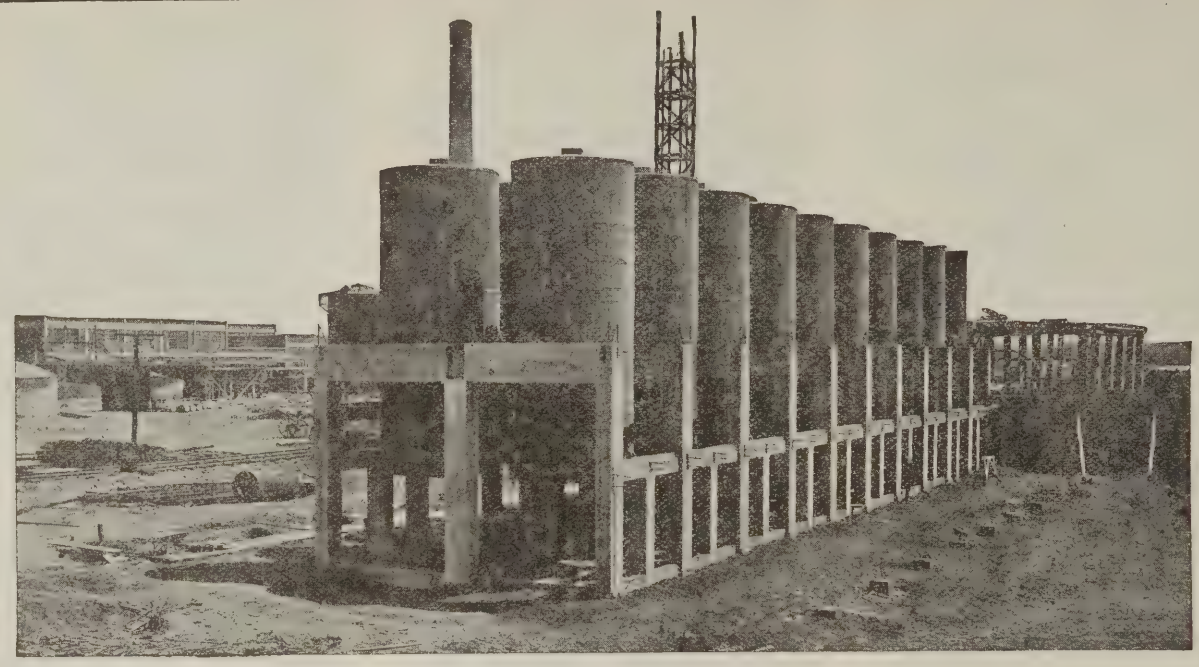
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Cambridge Iron Works, Cambridge, Mass.
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Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Casey-Hedges Co., Chattanooga, Tenn.
Cathell Bros. & Co., Lawrence & E Fort av, Baltimore, Md.
Cave Welding & Mfg. Co. (Welded to Specifications), 32 Liberty, Springfield, Mass.
Central Boiler Works, 1297 Russell, Detroit, Mich.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Chicago Steel Tank Co. (Special), Cicero, Ill.
City Boiler & Machine Co., 939 W 8th, Kansas City, Mo.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, Ore.
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
COLONIAL SUPPLY CO. (also Wood), 217 Water, Pittsburgh, Pa.
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Columbia Boiler Works, Columbia, Pa.
Columbiana Boiler Co., Columbiana, O.
Columbus Steam Boiler & Heater Co., Columbus, O.
Connellsville Iron Works, Connellsville, Pa.
CONNERY & CO. INC., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Cruse-Kemper Co. (Oil & Water), Ambler, Pa.
Daly M. J. & Sons, Waterbury, Conn.
Davis Welding & Mfg. Co., 1543 Queen City av Cincinnati, O.
Decatur Novelty Wks., Decatur, Ill.
Deily & Fowler Mfg. Co., 39 Laurel, Phila., Pa.
Delany P. & Co., Newburgh, N. Y.
Dempster Mill Mfg. Co., Beatrice, Neb.
Devine J. P. Co., Buffalo, N. Y.
DOVER BOILER WORKS, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Downey, F. F., Boiler Works, 2600 W. Grand av, Chicago, Ill.
Drake-Williams-Mount Co., Omaha, Neb.
Duncan Co., 508 Water, Toledo, O.
Duval Iron Wks. Inc., 126H W Bay, Jacksonville, Fla.
East Jersey Pipe Corp., Paterson, N. J.
Elyria Enameled Products Co. (Plain Welded), Elyria, O.
Empire Metal Tank Wks., East Rochester, N. Y.
Engineering Co., Fort Wayne, Ind.
Erie City Iron Works, Erie, Pa.
Etnyre E. D. & Co., Oregon, Ill.
Fair Haven Fdry & Mach. Co., Fair Haven, Vt.
Fargo Foundry Co., Fargo, N. D.
FARRAR & TREFTS (INC.), Buffalo, N. Y. *See adv index at end of book*
Felker Bros. Mfg. Co., Marshfield, Wis.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Finnigan J. J. & Co., Atlanta, Ga.
Flint & Walling Mfg. Co., Kendallville, Ind.
Florida Metal Products Co., Jacksonville, Fla.
Fouts C. C. Co. (Bolted), Middletown, O.
21 Franklin, Brooklyn, N. Y.
Franklin Machine & Steam Boiler Works, 88 Quay, Brooklyn, N. Y.
Freela D. Sons Co., Sturgis, Mich.
Freeman Mfg. Co., Racine, Wis.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
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Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Galland-Henning Mfg. Co. (Malt), Railway Exchange bldg, Detroit, Mich.
Gels & Bichler, St. Joseph, Mo.
Geneva Boiler Works, Geneva, N. Y.
GERDES & CO., 42 Church, New York
See adv index at end of book
GEUDER, PAESCHKE & FREY CO. (& Iron, Galvanized, Pressed & Enameled), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Gillie Machine Co., Tonawanda, N. Y.
Globe Machy. & Supply Co., Des Moines, Ia.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Goldner Henry Boiler & Tank Works, Water & Mifflin, Phila., Pa.
Graver Corp., East Chicago, Ill.
Graves & Marshall Co., Dayton, O.
Gunning Boiler & Machine Co., New Bedord, Mass.
Gussett Boiler Wks., 1140 Marion av, S. W., Canton, O.
Hamburg Boiler Works, Hamburg, Pa.
Hamler Boiler & Tank Co., Dept. H, W 66th & So 60th av, Chicago, Ill.
HAMMOND IRON WORKS, ("Hamondtank"), Warren, Pa.
See adv index at end of book
Harry O. K. Steel Co. (Stock, etc.), 2333 Papin, St. Louis, Mo.
Hartley Boiler Works, Montgomery, Ala.
Hassell Iron Works Co., Colorado Springs, Colo,
Heggie James G. & Sons, Joliet, Ill.
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Hellman Boiler Works, Allentown, Pa.
HELTZEL STEEL FORM & IRON CO. THE (Iron & Steel), Warren, O.
Hendrick Mfg. Co., Carbondale, Pa.
Hennessy Dennis, Syracuse, N. Y.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Hodge Boiler Works, 99 Sumner, East Boston, Mass.
HOLAN METAL PRODUCTS CO. THE, W 40th & Clark av, Cleveland, O.
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Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
International Boiler Wks. Co., E Stroudsburg, Pa.
International Engng. Wks., Framingham, Mass.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Ironton Punch & Shear Co., Ironton, O.
Jackson & Church Co., Saginaw, Mich.
Johnson & Thompson Inc., Birmingham, Ala.
Johnston Bros., Ferryburg, Mich.
Joubert & Goslin Mach. & Fdry. Co. (Cast Iron), Birmingham, Ala.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kaw Boiler Works Co., Kansas City, Kan.
Keeler E. Co., Williamsport, Pa.
Kehoe Iron Works, Savannah, Ga.
Kelker Blower Co. Inc., 2333 Fillmore av, Buffalo, N. Y.
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KELLOGG M. W. CO. (Welded), 90 West, New York *See adv index at end of book*
Kelly Foundry & Machine Co., Goshen, Ind.
Kensington Structural Steel Co., Dept. H, Venango & G, Phila., Pa.
Kennedy P. W., 1201 Beecher, Indianapolis, Ind.
Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, O.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.

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McNeil Boiler Co., 96 Crozier, Akron, O.
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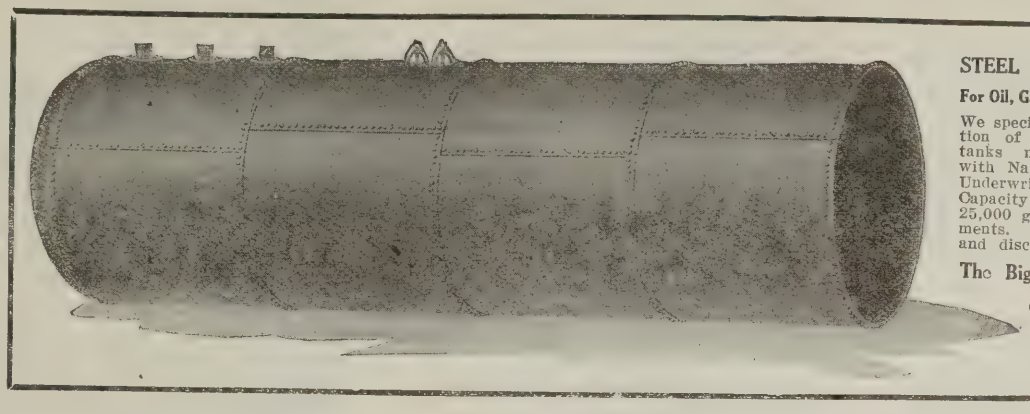
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Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
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Morrison Bros., Dubuque, Ia.
Murphy & Walsh, Pekin, Ill.
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New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Works Co., Inc., Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
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Tank Equipment Co., 501 5th av, New York
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Union Iron Works, Hoboken, N. J.
United Iron Works Inc., Kansas City, Mo.
Union Tank & Pipe Co., 2810H Santa Fe av, Los Angeles, Cal.
U. S. Bottlers' Machinery Co. ("U. S."), 2511 Park av, Chicago, Ill.
Vernier Mfg. Co. (Steel) Cedar Rapids, Ia.
Vulcan Iron Works Inc., Hudson & Essex, Jersey City, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Fdry. Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitaker-Glessner Co., Wheeling, W. Va.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo. *See adv index at end of book*

14811—Tanks (Sugar House)

Abendroth & Root Mfg. Co., Newburgh, N. Y. *See adv index at end of book*
ACME TANK COMPANY (Wood), 43 Cortlandt, New York *See adv index at end of book*
Atlas Engineering Co., Amherst, O.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
California Boiler Works, 526 Howard, San Francisco, Cal.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Graver Corp., East Chicago, Ill.
Heggie James G. & Sons, Joliet, Ill.
Johnson & Thompson, Birmingham, Ala.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Lebanon Boiler Works, Lebanon, Pa.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Marinette Boiler Wks., Marinette, Wis.
National Tank & Pipe Co., Kenton Sta., Portland, Ore. *See adv index at end of book*
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Phoenix Iron Works Co., Meadville, Pa.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO. First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Schaefer E., 1320-22 N 5th, Phila., Pa.
Steel Plate Products Co., Pottstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14811a— Tanks (Surge)

Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
Connery & Co., Inc., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
Heltzel Steel Form & Iron Co. The, Warren, O.
Johnson & Thompson, Birmingham, Ala.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.

14812— Tanks (Tanners')

ACME TANK COMPANY (Wood), 43 Cortlandt, New York *See adv index at end of book*
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.

TANKS (TANNERS')—continued
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
California Boiler Works, 526 Howard, San Francisco, Cal.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Farrar & Trefts, Inc., Buffalo, N. Y.
See adv index at end of book
Freeman Mfg. Co., Racine, Wis.
Kittoe Boiler & Tank Co., Canton, O.
Kretchmer Mfg. Co. (Wood), Council Bluffs, Ia.
McNamara Bros. Co., Westport, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Steel Plate Products Co., Pottstown, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

14813—Tanks (Tar, Ammonia Liquor)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Graver Corp., East Chicago, Ill.
Johnson & Thompson, Birmingham, Ala.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
SCAIFE WM. B. & SONS CO. (Tar Tanks), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Steel Plate Products Co., Pottstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*

Tanks (Tender)

See Tanks, Locomotive Tender

14814—Tanks (Thresher, Steel)

South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.
Star Tank Co., Goshen, Ind.

Tanks (Transportation)

See Tanks, Car

14815— Tanks (Turpentine)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 2105 Old Colony bld, Chicago, Ill.
For branch offices see adv index at end of book
Graver Corp., East Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Johnson & Thompson, Birmingham, Ala.
McNamara Bros. Co., Westport, Baltimore, Md.
Mobile Steel Co., Mobile, Ala.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Steel Plate Products Co., Pottstown, Pa.

14816— Tanks (Varnish)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
California Boiler Works, 526 Howard, San Francisco, Cal.
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Heil Co., 26th & Montana av, Milwaukee, Wis.
Johnson & Thompson, Birmingham, Ala.
Lebanon Boiler Works, Lebanon, Pa.
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.

14817—*Tanks (Vulcanizing)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*

14818— Tanks (Wagon)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
California Corrugated Culvert Co. ("Calco" for Water), Berkeley & Los Angeles, Cal.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Heltzel Steel Form & Iron Co., Warren, Ohio
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Morrison Bros., Dubuque, Ia.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Spokane Culvert & Tank Co., Spokane, Wash.
Steel Plate Products Co., Pottstown, Pa.

14819—Tanks (Water Closet)

See also Plumbers' Woodwork

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Sanitary Works ("B. O. T." B R E Mfg. Co. ("B R E" Wood), Hyde Park, Mass.
Bailey-Farrell Mfg. Co. (Steel), 3rd av & Ross, Pittsburgh, Pa.
Becker Mfg. Co., Marietta, O.
Blairsville Sanitary Co. ("America" Enameled Iron), Blairsville, Pa.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co. (All Metal), 538 Dublin av, Columbus, O.
See adv index at end of book
Coyne & Delany Co. ("C. & D.," Safety, Locking Tank & Ball Cock), 832 Kent av, Brooklyn, N. Y.
Eichman J. C. Mfg. ("Clover"), Bush & Wicomico, Baltimore, Md.
Fleck Bros. Co. (Vitreous China), 44 N 5th, Phila., Pa.
Galard Co. ("Omaha"), 335 6th av, Newark, N. J.
Heap Wm & Sons, Grand Haven, Mich.
Humphryes Mfg. Co. (Porcelain Enameled Low & High Pattern), Mansfield, O.
Jensen's Factory Store, Evansville, Ind.
Keeley Jas. J. (Sheet Iron), Jackson, Mich.
Koven L. O. & Bro. (Antomatic Flush), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
McVay-Walker Co. (Enameled Iron), Braddock, Pa.
Miller Chas. A. Co. (Low-Down & High Tank, Wood & White Porcelain, All Steel) Sturgis, Mich.
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.
Monument Pottery Co. (Vitreous), Trenton, N. J.
Ramsey Andrew Co., Mt. Savage, Md.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Sanitary Co. (High & Iron Galvanized "Y" Pipe), Dept. H, Linfield, Pa.
SCAIFE WM. B. & SONS CO. (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Shwab Bros. Co., 811 E 9th, New York
Standard Sanitary Mfg. Co. (Enameled Iron), Bessemer bldg, Pittsburgh, Pa.
Teahen James M. ("Vitro"), 43 Fort W, Detroit, Mich.
Trenton Potteries Co. ("Impervio," Vitreous China), Trenton, N. J.
Van Arnam Mfg. Co. ("Van-Or-Co."), Fort Wayne, Ind.
Wallace C. D. & Co., Arrott bldg, Pittsburgh, Pa.
Young Joseph H. Co. ("Boston Fore & After Wash," Automatic), 82 High, Boston, Mass.

14820—Tanks (Water, Mounted on Wheels)

Acme Road Machinery Co. (For Steam Rollermen & Others), Frankfort, N. Y.
Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Appleton Mfg. Co., Batavia, Ill.
Aultman & Taylor Machinery Co., Mansfield, O.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Caldwell W. E. Co., Louisville, Ky.
Case J. I. Threshing Machine Co., Racine, Wis.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Huber Mfg. Co., Marion, O.
Kelly Foundry & Machine Co., Goshen, Ind.
Koven L. O. & Bro. 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kretchmer Mfg. Co., Council Bluffs, Ia.
Nichols & Shepard Co. (Wood & Steel), Battle Creek, Mich.
Perkins Wind Mill Co., Mishawaka, Ind.
Rumely Leo Tractor Co., La Porte, Ind.
Sotter Bros., Pottstown, Pa.
Spokane Culvert & Tank Co., Spokane, Wash.
Steel Plate Products Co., Pottstown, Pa.
Swayne, Robinson & Co., Richmond, Ind.

14821—Tank (Water Storage)

ACME TANK COMPANY (Wood), 43 Cortlandt, New York
See adv index at end of book
AMERICAN CREOSOTING CO. (Creosoted), Bogalusa, La.
For branch offices see adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
California Boiler Works, 526 Howard, San Francisco, Cal.
Cal. Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
CONNERY & CO. INC., 4000 N 2nd, Phila., Pa. *See adv index at end of book*
CRAINE SILO CO. INC. (Wood), Norwich, N. Y. *See adv index at end of book*
Gunning Boiler & Machine Co., New Bedford, Mass.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heltzel Steel Form & Iron Co. The, Warren, O.
Intermountain Concrete Co., Ogden, Utah
Johnson & Thompson, Birmingham, Ala.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lebanon Boiler Works, Lebanon, Pa.
Mertz John Mfg. Co., Sandusky, O.
Mobile Steel Co., Mobile, Ala.
Montague Pipe & Steel Co., Hobart bldg, San Francisco, Cal.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Spokane Culvert & Tank Co., Spokane, Wash.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Steel Plate Products Co., Pottstown, Pa.
Wendnagel & Co., 600 W 22nd, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14822— Tanks (Welded)

AMERICAN SPIRAL PIPE WORKS, Chicago., Ill. *See adv index at end of book*
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book*
Buckeye Boiler Co., Dayton, O.
California Boiler Works, 526 Howard, San Francisco, Cal.
California Corrugated Culvert Co. ("Calco"), Berkeley & Los Angeles, Cal.
Coast Culvert & Flume Co., Dept. H, Kenton Station, Portland, O.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Davis Welding & Mfg. Co., 1543 Queen City av, Cincinnati, O.
Elyria Enameled Products Co., Elyria, O.
Ferro Products Co., N 13th & Wythe av, Brooklyn, N. Y.
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Heil Company (Steel), 26th & Montana avs, Milwaukee, Wis.
Heltzel Steel Form & Iron Co. The, Warren, O.
Hoplan Metal Products Co. The, W 40th & Clark av, Cleveland, O.
See adv index at end of book
Industrial Welding Co., 207 Guilford av, Baltimore, Md.
Johnson & Thompson, Birmingham, Ala.

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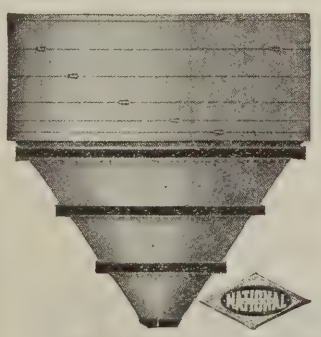
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Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lebanon Boiler Works, Lebanon, Pa.
Lockport Chemical Works (Steel), Lockport, Ill.
McNamara Bros. Co., Westport, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Mobile Steel Co., Mobile, Ala.
New York Central Iron Wks. Co. Inc., Dept H. Hagerstown, Md.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Phoenix Iron Works Co., Meadville, Pa.
REEVES BROS. CO. THE, Alliance, O.
See adv index at end of book
St. Louis Steel Barrel Corp'n, B'way, Benton & 9th, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Steel Plate Products Co., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa. *See adv index at end of book*
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
Welded Products Co., 2700H 7th av, Birmingham, Ala.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Weldex Co., Richmond, Ind.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14823— Tanks (Wood)

ACME TANK COMPANY (& Vats), 43 Cortlandt, New York
See adv index at end of book
Aermotor Co., 2500 W 12th, Chicago, Ill.
AMERICAN CREOSOTING CO. (Creosoted), Bogalusa, La.
See adv index at end of book
American Mfg. Co., 2101 Louisiana av, New Orleans, La.
American Stave & Cooperage Co., Chelsea, Mass.
American Tower & Tank Co., Elgin, Ill.
Atlantic Tank & Barrel Corp., Hoboken, N. J.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baker Mfg. Co., Evansville, Wis.
Baltimore Cooperage Co., The, Ostend & Leadenhall, Baltimore, Md.
Beckman Bros., Des Moines, Ia.
Black, Sivalls & Bryson, Bartlesville, Okla.
Briggs & Allyn Mfg. Co. Co., Lawrence, Mass.
Burkhardts Geo. J. Sons, Drexel bldg, Phila., Pa.
Bushnell Tank Works (Red, Cypress, Tongued, Grooved or Plain), Bushnell, Ill.
Butler Co. (Red Louisiana Cypress), Butler, Ind.
Byrne-Turner Co. (Stove), Bellingham, Wash.
Caldwell W. E. Co., Louisville, Ky.
Challenge Co., Batavia, Ill.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kan.
CONTINENTAL PIPE MFG. CO., Seattle, Wash. *See adv index at end of book*
CORCORAN A. J. (INC.), 745 Jersey av, Jersey City, N. J.
See adv index at end of book
CRAINE SILO CO. INC., Norwich, N. Y.
See adv index at end of book
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Dallas Cooperage & Woodenware Co., Dallas, Tex.
Davis G. M. & Son (Cypress Tanks, Tubs & Vats), Palatka, Fla.
Dunck Tank Works (Vats), 878 30th, Milwaukee, Wis.
Duplex Mfg. Co., Superior, Wis.
Eagle Tank Co., 2426 N Crawford av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flemming Tank Co., 3115 Liberty, Pittsburgh, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Gouze Ferdinand, Jersey av & 15th, Jersey City, N. J.
Gray's Harbor Commercial Co. (Fir), ft. of 3rd, San Francisco, Cal.
Hagerty Bros. Co., Peoria, Ill.
Hall Amos H. & Sons ("Cedar," etc), 2915 N 2d, Phila., Pa.
Hauser-Stander Tank Co., Cincinnati, O.
Hayes Pump & Planter Co., Galva, Ill.
Heller-Aller Co. (Pine, Cedar & Cypress), Napoleon, O.
Hightower Box & Tank Co., Atlanta, Ga.
Hooper C. A. & Co., Balboa bldg, San Francisco, Cal.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Isseks David, 94 Mangin, New York
Jennings Cypress Tank Co. (Cypress), Shreveport, La.
Johnson & Carlson, 848 Eastman, Chicago, Ill.
Johnson & Hibbard, Westfield, Mass.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kimball Tyler Co., 261 S 8th, Baltimore, Md.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Leclaire Mfg. Co., Edwardsville, Ill.
Mangold Stave & Cooperage Co., Weber rd & Grand av, St. Louis, Mo.
Market Mfg. Co., Syracuse, N. Y.
Mayer Tank Mfg. Co., 212 Russell, Brooklyn, N. Y.
Minnesota Tank & Silo Co., 920 6th av, Minneapolis, Minn.
Munning A. P. & Co. (Cypress), Mattawan, N. J.
NATIONAL TANK & PIPE CO., Kenton Sta., Portland, Ore.
See adv index at end of book
NEW ENGLAND TANK & TOWER CO., 42 Main, Everett, Mass.
See adv index at end of book
Northwestern Wind Engine Co., 110 3d av N, Minneapolis, Minn.
Pacific Mfg. Co. (Redwood), Santa Clara, Cal.
Pacific Tank & Pipe Co. (Cedar & Pipe for Water, Oil, Mining, Cyanide, etc), 318 Market, San Francisco, Cal.
Parkersburg Rig & Reel Co. (For Oil & Water), Parkersburg, W. Va.
Peirce W. E. & Co., Milford, N. H.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Quitman Cooperage Co., Quitman, Ga.
Redwood Mfrs. Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Reed & Sherwood Mfg. Co., Anoka, Minn.
Riggs Cypress Co. (Ltd.) (Cypress), Patterson, La.
Roberts T. W., Bradford, Pa.
Rosenwach J., 619 Grand, New York
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
San Antonio Machine & Supply Co. (Cypress), San Antonio, Tex.
SCHLICHTER E. F. CO. (Cedar & Cypress), 10 S 18th, Phila., Pa.
Sangel Philip & Son, Louisville, Ky.

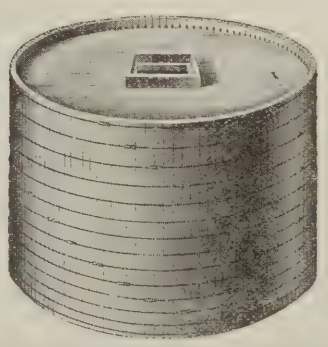


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Smith John M. & Sons, 1425 Spring Garden, Phila., Pa.
Standard Planing Mill Co., Lincoln, Neb.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Stecher Cooperage Works, 3rd & Barton, St. Louis, Mo.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Stevens Tank & Tower Co. (Pine, Cypress or Cedar), Auburn, Me.
Stolpher Chas. Cooperage Co., 3206 Fond du Lac av, Milwaukee, Wis.
Twin City Tank, Silo & Specialty Co., 38th av & N E 5th, Minneapolis, Minn.
U. S. Wind Engine & Pump Co. ("Halladay" "Standard"), Batavia, Ill.
Vernier Mfg. Co., Cedar Rapids, Ia.
WENDNAGEL & CO., 600 W 22d, Chicago, Ill.
Western Cooperage Co., Northwestern Bank bldg, Portland, Ore.
Woodmanse Mfg. Co., Freeport, Ill.
Woods Bros. Silo & Mfg. Co., Lincoln, Neb.
Woods & Co. (Cypress & Pine), 59 Park pl, New York.
Woolford G. Wood Tank Mfg. Co. (Cedar & Cypress), Lincoln bldg, Phila., Pa.
Zelnickner Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

Tanks & Cylinders (Cement)

See Cylinder & Tank Shells

14823a—Tanks & Receivers (Air)

Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Hoag A. W. & Co., Reading, Pa.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Oil City Boiler Wks., Oil City, Pa.
Scaife Wm. B. Sons Co., 1st Nat'l. Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York. *See adv index at end of book*
TRAYLOR ENGINEERING & MFG. CO., Allentown, Pa.
See adv index at end of book
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York.
See adv index at end of book.

14824—Tanks & Shells (Copper)

Johnson & Thompson, Birmingham, Ala.
Krenz Oscar Copper & Brass Co., San Francisco, Cal.
Randolph-Clowes Co. (Seamless Drawn), Waterbury, Conn.

14825—Tanks & Towers (Steel)

See also Water Columns or Stations, Railroad; also Stand Pipes

ACME TANK COMPANY (Wooden Tanks & Steel Towers), 43 Cortlandt, New York *See adv index at end of book*
Aermotor Co. (Windmills), 2500 W 12th, Chicago, Ill.
American Bridge Co., 30 Church, New York
American Tower & Tank Co., Elgin, Ill.
Baker Mfg. Co., Evansville, Wis.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
Belmont Iron Wks., 22d & Washington av, Phila., Pa.
Batavia Engineering Works (Towers), Batavia, Ill.
Belmont Iron Wks., 22d & Washington av, Phila., Pa.
Bennett Bros. Co. ("Ideal"), Lowell, Mass.
Birmingham Steel Corp., Birmingham, Ala.
Butler Co., Butler, Ind.
Caldwell W. E. Co., Louisville, Ky.
Challenge Co., Batavia, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Church Stephen B., Seymour, Conn.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. Inc., 4000 N 2nd, Phila., Pa.
See adv index at end of book
Coombs R. D. & Co., 30 Church, N. Y.
Corcoran A. J. Inc., (Wood Tanks & Steel Towers), 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Dildine Bridge & Iron Co., Hannibal, Mo.
Drake-Williams-Mount Co., Omaha, Neb.
Flint & Walling Mfg. Co. ("Star"), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Harry Bros. Co., Carr & I C RR, New Orleans, La.
Hartley Boiler Works, Montgomery, Ala.
Heller-Aller Co., Napoleon, O.
Ironton Punch & Shear Co., Ironton, O.
Johnson & Thompson, Inc., Birmingham, Ala.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
Lakeside Bridge & Steel Co., 402 Villard av, N Milwaukee, Wis.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDaniel & Son, Litchfield, Ill.
McDermott Bros. Co., Allentown, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
Maud S. Windmill & Pump Co., Lansing, Mich.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
Missouri Valley Bridge & Iron Co., Leavenworth, Kan.
Mitchell-Tappen Co., 15 John, New York
Mobile Steel Co., Mobile, Ala.
MOTLEY JAMES M. (Export Office Pennsylvania Boiler Wks.), 43 Cedar, New York
Nashville Bridge Co., Nashville, Tenn.
National Tank & Mfg. Co., 11th & Santa Fe av, Los Angeles, Cal.
New England Tank & Tower Co. (Towers only), 42 Main, Everett, Mass.
See adv index at end of book
New Haven Boiler Works Inc., New Haven, Conn.
Pacific Tank & Pipe Co. (Also Wood), 318 Market, San Francisco, Cal.
Petty J. K. & Co., St. Girard bldg, Phila., Pa.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Red Cross Mfg. Co., Bluffton, Ind.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Riter-Conley Co., Oliver bldg, Pittsburgh, Pa.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Rusling Co., 39 Cortlandt, New York
SCAIFE WM. B. SONS CO., First National Bank bldg, Pittsburgh, Pa., & 24 Cortlandt, New York
See adv index at end of book
SCHOFIELD'S J. S. SON CO., Macon, Ga.
Sotter Bros., Pottstown, Pa.
Standard Boiler & Plate Iron Co., Niles, O.
Stevens Tank & Tower Co. (Steel Towers), Auburn, Me.
Stolz Jos. & Son Inc., 841 E 136th, New York
Tippett & Wood, Phillipsburg, N. J.
Twin City Boiler Works, Bristol, Va.
United Iron Works Co., Kansas City, Mo.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Virginia Bridge & Iron Co. (Water Only), Roanoke, Va.
Walsh-Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Boiler & Iron Works, Springfield, Mass.
Warren City Tank & Boiler Co., Warren, Ohio
WENDNAGEL & CO., 600 W 22d, Chicago, Ill.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Williamette Iron & Steel Wks., Portland, Ore.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Woodmanse Mfg. Co., Freeport, Ill.

14825a—Tanks & Towers (Wood)

See also Tanks, Wood

Acme Tank Co., 43 Cortlandt, New York
See adv index at end of book
CORCORAN A. J., INC. (also Wood Tanks & Steel Towers), 745 Jersey av, Jersey City, N. J.
See adv index at end of book
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book

Tanners' Machinery

See Classification 9248

14825b— Tantalite

Foote Mineral Co., 107 N 19th, Phila., Pa.

14826— Tantalum (Metallic)

Foote Mineral Co., 109 19th, Phila., Pa.
Pfanstiehl Co., N. Chicago, Ill.

14826a— *Tap Extensions

ALLEN MFG. CO. ("Allen"), 133 Sheldon, Hartford, Conn.
See adv index at end of book

14827— Tap & Drill Sets

Cleveland Twist Drill Co (Drills only), 1 E 49th, Cleveland, O.
WHITMAN & BARNES MFG. CO., Akron, Ohio *See adv index at end of book*

14828— Tape (Advertising)

Accurate Measure Mfg. Co., 25 Madison av, New York
American Label & Advertising Tape Co., 60 Cooper sq, New York
Neuer & Hoffman, 75 Grand, New York
Reis G. & Bro. 900 B'way, New York

14829— Tape (Chain)

Hughes' Bros., Scranton, Pa.
Ulmer J. C. Co. ("Lucas" Steel), E 38th & Kelly, Cleveland, O.

14830—Tape Cutting Machines (Insulating)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

14830a— *Tape (Friction)

Chicago Mica Co. (Linen, Mica, etc.), Valparaiso, Ind.
See adv index at end of book

WE MANUFACTURE EVERYTHING IN WOOD OR WOODWORK

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PRODUCTS

Wooden Tanks for water supply, chemical and color works, and all other purposes.

Wooden Tanks and Steel Towers for village or factory, fire protection, water supply, etc.

Tanks and towers built in accordance with specifications of National Board of Fire Underwriters or Associated Factory Mutual Fire Insurance Companies.

Lead Lined Tanks.

Round or rectangular tanks with copper, brass or Monel metal rods.

MATERIALS USED

The Acme Wood Tanks are built of California Redwood, Washington Fir, Cypress, Yellow Pine and White Cedar.

CAPACITIES AND SIZES

Made in all sizes, round and rectangular, ranging in capacity from 50 to 500,000 gallons. The cylindrical tank is the best form of construction and cheaper than any other. Rectangular and oval tanks are only used when special requirements make it necessary.

List showing sizes, capacities, hooping, weights, etc., sent on request.



40,000 GALLON TANK AND 100′ TOWER

CHEMICAL AND METALLURGICAL TANKS

Long experience has proven that California Redwood has greater acid resisting qualities than any other known material. California Redwood (Sequoia sempervirens) contains a natural preservative which makes it immune to the attacks of wood-boring worms or insects, common enemies to other species of wood, and makes it impervious to the destructive action of acid and alkaline solutions.

Redwood tanks are, therefore, natural containers for the many solutions used in the chemical and metallurgical industries. When properly seasoned Redwood shrinks less than any other wood. It is not affected by extremes of temperature. It is free from pitch and resinous matter. The stock used by this Company is thoroughly seasoned, clear, air-dried Redwood, free from sap, pitch, knots or other imperfections.

Practically every mining company in the West uses Redwood tanks for holding sulphuric and nitric acid solutions. The U. S. Government used hundreds of Redwood tanks for storage and manufacturing purposes in its various chemical and explosive plants during the recent war.

SHIPMENTS

Shipments can be made to any part of the country from our New York, California or Illinois factories.

GENERAL

Wood tanks are usually built of 2″, 2½″ or 3″ material, according to the size of tank and proposed use. For special purposes they are sometimes built of 4″, 6″ or heavier material. We carry all of these thicknesses in stock. 2″ material can ordinarily be used for capacities to 10,000 gallons.

14831— Tape (Insulating)

See also Sleeving, Cotton

American Electrical Works ("Century"), Philipsdale, R. I.
Anchor Webbing Co. (Cotton), Pawtucket, R. I.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Boston Woven Hose & Rubber Co. ("Bull Dog," "B. W. H.," "Wizard," "Magic," "Brownie," "Tiger," "Evergrip," "Dauntless," "Service," "Leader," "Vigo," "Magnet" Splicing Compound, "Alexall," "Wizard," Sterling; also White Tape for Armatures, & "Evergrip' for Auto Bicycle Tires), Cambridge, Mass.
Burnley Battery & Mfg. Co., North East, Pa.
Canfield Rubber Co., Bridgeport, Conn.
Carey Philip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.
Carter, Rice & Corp. ("Crowell"), 246 Devonshire, Boston, Mass.
Chicago Mica Co. ("Champion" Oiled Cambric Brass & Straight Cut—also Linen & Cotton Tape), Valparaiso, Ind.
See adv index at end of book
Cincinnati Rubber Mfg. Co. ("Cinrubco" Friction), Cincinnati, O.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Combination Rubber Mfg. Co. (Friction), Bloomfield, N. J.
Cronkhite Co., Inc., 142 Berkley, Boston, Mass.
D. & W. Fuse Co., Providence, R. I.
Dielectric Mfg. Co. (Friction), 224 S Vandeventer av, St. Louis, Mo.
Dunton M. W. Co. ("Black Diamond," "23," "Verifax"), 150 Niagara, Providence, R. I.
Electric Appliance Co. (Eaco"), 701 W Jackson blvd, Chicago, Ill.
Electric Material Co. (Columbia"), 618 W. Jackson blvd., Chicago, Ill.
Elkhart Rubber Works, Elkhart, Ind.
Fleig L. L. & Co., 212 W Austin av, Chicago, Ill. *See adv index at end of book*

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Tapes Webbing Sleeving Mica
Fibre Varnish Cloths and Tape
Insulations of all kinds

FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Good Mfg. Co., 160 N Wells, Chicago, Ill.
Goodrich B. F. Co., Akron, O.
Gorham-Revere Rubber Co., 50 Fremont, San Francisco, Cal.
Habirshaw Elec Cable Co., 10 E 43d, New York
Hope Webbing Co. (Cotton Tape), 1005 Main, Providence, R. I.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
International Braid Co. (Cotton), 47 Charles, Providence, R. I.
Irvington Varnish & Insulator Co., Irvington, N. J.
Johns-Manville Inc., Madison av & 41st, New York
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Lehon Co., 4451 S Oakley, Chicago, Ill.
See adv index at end of book.
Marion Insulated Wire & Rubber Co., Marion, Ind.
Meirowsky Bros. Jersey City, N. J.
Mica Insulator Co. ("Linotape" Oiled Tape, "Mico," "Kablak"), 68 Church, New York
Mica Mfg. Co. ("Micasmiths"), 135 Jackson, Brooklyn, N. Y.
Mineralac Electric Co., 1045 Washington blvd, Chicago, Ill.
National India Rubber Co., Bristol, R. I.
National Rubber & Specialties Co. ("Red Cross"), Winton pl, Cincinnati, Ohio
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Insulated Wire Co. ("Grimshaw," Competition Brands, both Friction and Rubber), 84 State, Boston, Mass.
Okonite Co. ("Okonite" "Mason"), Passaic, N. J. *See adv index at end of book*
Pettingell-Andrews Co. ("O. K." "Exemplar"), 166 Pearl, Boston, Mass.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Revere Rubber Co. ("V," "Z"), Chelsea, Mass.
St. Louis Rubber Cement Co. (Friction), 3046 Lambdin av, St. Louis, Mo.
Schenectady Lionite Co., Schenectady, N.Y.
Schoonmaker A. O. (Oiled Muslin), 88 Park pl, New York
Standard Paint Co. ("P. & B."), 233 B'way, New York
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
United States Asbestos Co., Lancaster, Pa.
United States Rubber Co., Mechanical Goods Div., 1790 B'way, New York
Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
Vulcan Asbestos Mfg. Co. (Asbestos), 95 Broad, New York
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book

14832— Tape (Lead)

Chadwick-Boston Lead Co., Boston, Mass.

14833— Tape (Metal)

Roovers Bros. (for Embossing Machines), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book

Tape (Varnished)

See Cloth, Insulating

14834— Tape (Waterproof)

Okonite Co., Passaic, N. J.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book

14835—Tapering Roll & Swedger (Combined)

Ajax Elec. Specialty Co., 1011 Market, St. Louis, Mo.
Arrow Electric Co., 103 Hawthorne, Hartford, Conn.
Bryant Electric Co., 1421 State, Bridgeport, Conn.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Rock River Machine Co., Janesville, Wis.
Ryerson Joseph T. & Son (For Spring Shop Work), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.

14836— Tapes (Gummed)

Anderson W. J. & Co., 341 B'way, New York
Brown Paper Co., 1220 Spruce, St. Louis, Mo.
Chicago Gum Tape Co., 317 E Illinois, Chicago, Ill.
Crowell Corp., 241 37th, Brooklyn, N. Y.
Eisler Anthony & Co., 227 Canal, New York
Herrlinger & Co., 206 Walnut, Cincinnati, O.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Metal Specialties Mfg. C. (Plain & Printed, all widths in rolls), 338 N Kedzie av, Chicago, Ill.
Mott Wallace A. (Plain & Printed), Norwalk, Conn.
National Binding Machine Co. (Printed), 260 West, New York
Papco Paper Products Co., Atlanta, Ga.
Peters Co., 33 35th, Brooklyn, N. Y.
Powell Sealer & Tape Mfg. Co. (Printed), Westerville, O.
Rexford Gummed Tape Co., Milwaukee, Wis.
Thomas Stationery Mfg. Co., Springfield, O.

14837— Tapes (Measuring)

Browne W. G. Mfg. Co. ("Never-Stretch" Waterproof), Kingston, N. Y.
Chicago Steel Tape Co. (For Surveyors), 6231 Cottage Grove av, Chicago, Ill.
Chicago Tape & Label Co. (Tailors' Linen), 521 N Spaulding av, Chicago, Ill.
Dietzgen Eugene Co. (Steel, etc), 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gurley W. & L. E. (Steel Ribbon, Metallic), Troy, N. Y.
Johnston Robt. (Steel Tape & Reel), Wilkes-Barre, Pa.
Keuffel & Esser Co. ("Keco," "Liliput" Steel, Metallic & Linen), Hoboken, N. J.
LUFKIN RULE CO. ("Reliable," "Challenge," "Rival," "Banner," Steel Tape), Saginaw, Mich.
Roe Justus & Sons (Steel), Patchogue, N. Y.
Seelig R. & Son, 231 N 5th av, Chicago, Ill.
STARRETT L. S. CO. (THE), (Steel), Athol, Mass.
See adv index at end of book
Ulmer J. C. Co. ("Lucas" Steel Chain), 1791 E 38th, Cleveland, Ohio
Weber F & Co., 1220 Buttonwood, Phila., Pa.
Wiebusch & Hilger ("Chesterman" Imp. Steel, Metallic & Linen), 106 Lafayette, New York

14837a— Tapes (Name)

Sterling Name Tape Co. (for Identification), Winsted, Conn.

14838— Tapes (Pocket)

Lufkin Rule Co., Saginaw, Mich.

14839—Tapes & Webbing for Dynamos, Etc.

Barton F. C., 65 Worth, New York
Empire Mfg. Co., Lockport, N. Y.
Hope Webbing Co., 1005 Main, Providence, R. I.
Mica Insulator Co., 68 Church, New York
Oeters Edgar O. Co., 603 Arch, Phila., Pa.
See adv index at end of book
Sidebotham John Inc., 4317 Griscom, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14840—*Tapping Attachments

See also Tapping Attachments (Drilling Machines)

Cleveland Specialty & Mfg Co, Cleveland, O.
Modern Tool Co. ("Modern"), 300 State, Erie, Pa. *See adv index at end of book*

14841—Tapping Attachments (Drilling Machines)

Beaman & Smith Co. (Safety Friction Type), Providence, R. I.
Bicknell-Thomas Co. (Friction Driven), Greenfield, Mass.
Dorman John H., 1 Bethune, New York
Errington F. A. (Automatic Reverse & Safety Friction Type), 39 Cortlandt, New York
Hoefer Mfg. Co., Freeport, Ill.
Jarvis Charles L. Co. ("Jarvis" Ball Drive), Gildersleeve, Conn.
McCrosky Reamer Co. (Reversing & Variable Speed), Meadville, Pa.
Procumier William L., 547 W Wash bl, Chicago, Ill.
Whitney Mfg. Co. ("Holm," Safety Friction Type), Hartford, Conn.

14842— Taps (Adjustable)

Carpenter J. M. Tap & Die Co. ("French's," etc), Pawtucket, R. I.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
Geometric Tool Co. ("Geometric" Collapsing), New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.
Victor Tool Co. ("Victor"), Waynesboro, Pa.

14843—*Taps (Automobile & Vehicle)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14844—Taps (Beaman & Smith Holder)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Standard Tool Co., 6700 Central av, Cleveland, O.
Winter Brothers Co. ("Thistle"), Wrentham, Mass.

14845— Taps (Bit Brace)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Besly Chas. H. & Co. ("Helmet" Temper), 120 N Clinton, Chicago, Ill.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.

14846— Taps (Blacksmiths')

Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. (Taper), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Taper), Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster, Pa.
Hart Mfg. Co., Cleveland, O.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co. (Taper, etc), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Williams Drop Forging Co., Scranton, Pa.

American Tap & Die Co.

GREENFIELD, MASS.

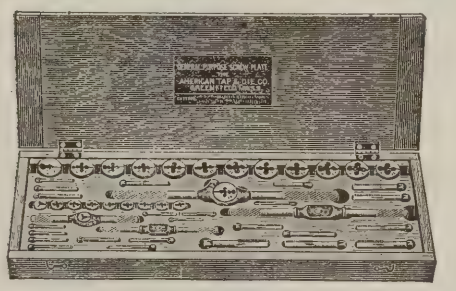
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Taps (Boiler)

See Taps, Patch Bolt

14847—*Taps (Boiler, Straight & Taper)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14848— *Taps (Bottoming)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14849— Taps (Champagne)

Erie Specialty Co. ("Quick & Easy"), 520 W 12th, Erie, Pa.
Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
Morgan Silver Plate Co., Winsted, Conn.
Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.
Williamson C. T. Wire Novelty Co. ("Williamson" Gas Tight), Badger av, Newark, N. J.

14850— Taps (Collapsible)

Eastern Mach. Screw Corp. ("H. & G."), New Haven, Conn.
Errington F. A., 39 Cortlandt, New York
Geometric Tool Co. ("Geometric," Adjustable), New Haven, Conn.
Manufacturers Equipment Co., Waller & Fillmore, Chicago, Ill.
Modern Tool Co. ("Modern," Adjustable), 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. ("Murchey" Automatic, also Collapsing Tap & Reamer Combined), 85 Porter, Detroit, Mich.
National Acme Co. ("Namo"), 7500 Stanton av, S E Cleveland, O.
Ricket-Shafer Co., Erie, Pa.
VICTOR TOOL CO. ("Victor"), Waynesboro, Pa.

14851—Taps (Combined Drill & Reamer)

Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Polk A. J. & Son Co., Millersburg, Pa.
Standard Tool Co., 6700 Central av, Cleveland, O.

Taps (Current)

See Taps, Electric Current

14852— Taps (Die)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Sheffield Machine & Tool Co., Dayton, O.
Toledo Tap & Die Co., Clinton, Toledo, O.

14853—Taps (Electric Current)

Bryant Electric Co., Bridgeport, Conn.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Jordan Bros., 74 Beekman, New York
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14854—*Taps (Gas Fixture)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14855— Taps (Hand)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D.," Taper, Plug & Bottoming, also "Gun" Taps, All Standards), Greenfield, Mass. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio

14856— Taps (Hob)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Card S. W. Mfg. Co. (Short or Long, also Master), Mansfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Short Plug & Pipe), Greenfield, Mass. *See adv index at end of book*
Morse Twist Drill & Machine Co. ("Morse," Hob or Master; also Sellers; also Short Plug), New Bedford, Mass.
Polk A. J. & Son Co. (Sellers), Millersburg, Pa.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

14857—*Taps (Horse Shoe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book

14858—Taps (Interrupted Thread)

Pratt & Whitney Co. ("Echols" Patent), Hartford, Conn.

14859— Taps Locomotive

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D." "Maxi"), Greenfield, Mass.
See adv index at end of book
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio

14860— Taps (Machine)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Bissel F. Co., Toledo, O.
GREENFIELD TAP & DIE CORP. ("G. T. D." & "Gun" Taps), Greenfield, Mass.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio

14861—Taps (Machine Nut)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brown H. B. Co. (Nut Threading), East Hampton, Conn.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co. ("Derby"), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.

TAPS (MACHINE NUT)—continued
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," "Hercules"), Greenfield, Mass.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Reynolds James Mfg. Co., New Haven, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

14862—Taps (Machine Screw)

AMERICAN TAP & DIE CO. ("Adamantine," Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Corbin Screw Corp., New Britain, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Reynolds James Mfg. Co., New Haven, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

14863—Taps (Machinists' Hand)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. ("Paragon"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Taper, Plug & Bottoming), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Reynolds James Mfg. Co., New Haven, Conn.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

14863a— *Taps (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14864—Taps (Mud Plug or Wash-Out)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Card S. W. Mfg. Co., Mansfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Mud Plug or Wash-Out), Greenfield, Mass.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.

14865— Taps (Patch Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Winter Bros. Co., Wrentham, Mass.

14866— Taps (Plug)

Bachelder & Co., 234 Mt. Vernon, Lowell, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Republic Tool & Mfg. Co., 1401 W Ninth. Cleveland, Ohio

14867— Taps (Pulley)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

14868— Taps (Screw)

Reiff & Nestor, Lykens, Pa
Waltham Screw Co., Waltham, Mass.

14869-70— Taps (Serial)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D.," Hand), Greenfield, Mass.
See adv index at end of book
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio

14871—*Taps (Spindle Staybolt)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14872— Taps (Stay Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. (Also Spindle Staybolt), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," "Maxi"), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co. Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Winter Bros. Co., Wrentham, Mass.

14873— Taps (Stove Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Polk A. J. & Son Co., Millersburg, Pa.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Winter Bros. Co., Wrentham, Mass.

14874— Taps (Taper)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co., 120 N Clinton, Chicago, Ill.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Bicycle, etc), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Polk A. J. & Son Co., Millersburg, Pa.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, O.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

14875— Taps (Tapper)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co., ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Butterfield & Co. (Bicycle), etc.), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Mach. Co. ("Morse"), New Bedford, Mass.
Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.
Polk A. J. & Son Co., Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Winter Bros. Co., Wrentham, Mass.

14876—Taps & Drills Combined (Pipe)

American Tap & Die Co. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Standard Tool Co., 6700 Central av, Cleveland, O.

14877—Taps & Drills (Pipe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Besly Chas H. & Co. ("Helmet" Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Carpenter J. M. Tap & Die Co. (Pipe Taps Only), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Combined Pipe Tap & Drill), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Morse"), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Republic Tool & Mfg. Co., 1401 W Ninth, Cleveland, Ohio
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.

14878—Taps & Reamers (Pipe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Ashcroft Mfg. Co., 119 W 40th, New York
Bay State Tap & Die Co., Mansfield, Mass.
Brubaker W. L. & Bros., Millersburg, Pa.
Buffum Tool Co. ("Swastika," "Plumbers"), South Side, Louisiana, Mo.
Butterfield & Co. ("Derby"), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Keystone Die Stock Co. ("J. Delehant's Keystone"), 652 W 47th, Chicago, Ill.
Morse Twist Drill & Machine Co. (Also Straight & Whitworth Pipe, "Morse" Taps), New Bedford, Mass.
Mueller H. Mfg. Co. (Pipe End Reamers), Decatur, Ill.
Polk A. J. & Son Co., Millersburg, Pa.
Potter S. A. Tool & Machine Works, 79 E 130th, New York
Pratt & Whitney Co., Hartford, Conn.
Precision Tool Co., Canton, Mass.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Saunders' D. Sons, Yonkers, N. Y.
Victor Tool Co. (Collapsing Pipe Taps), Waynesboro, Pa.
Walworth Mfg. Co., Boston, Mass.
Winter Bros. Co., Wrentham, Mass.

14879—Tar Burning Systems (Smokeless)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
MacLeod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book

14879a— Tar Distillates

American Wood Preserving Co. (Coal), 1351 N Branch, Chicago, Ill.

14880— Tar Mfrs.

See also Coal Tar Products
American Tar Products Co. ("Tarmac" Road, Waterproofing, etc.), 208 S La Salle, Chicago, Ill.
Barrett Co., 17 Battery pl, New York
Carolina Pine Products Co., Cleveland, O.
Hamilton-Otto Coke Co., Hamilton, O.
JORDAN WILLIAM E. INC. (& Pitch), 15 Cliff, New York

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Spokane Gas & Fuel Co., Spokane, Wash.
United Gas Improvement Co., Broad & Arch, Phila., Pa.

14881— Tar (Pine)

See also Oil, Pine

Adams Fred C. Co., 118 N La Salle, Chicago, Ill.
Chatham Mfg. Co., Savannah, Ga.
Corner Jas. & Sons, E Falls av & Fawn, Baltimore, Md.
GENERAL NAVAL STORES COMPANY McCormick bldg, Chicago, Ill.; 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
Noble Electric Steel Co., Mills bldg, San Francisco, Cal.
North Carolina Naval Stores Co., Wilmington, N. C.
No. Western Pine Tar Co., 1905 Diversey, Chicago, Ill.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Reeder Oliver & Son, Key, Highway & Covington, Baltimore, Md.
Vanderbilt R. T. Co. (Rubber), 50 E 42d, New York

14882— Tar (Refined)

American Tar Products Co. ("Tar-Mac" Road), 208 S La Salle, Chicago, Ill.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Certain-teed Products Corp, St. Louis, Mo.

14882a— Tar (Water Gas)

Brockton Gas Light Co., Brockton, Mass.
Elizabethtown Gas Light Co., Elizabeth, N. J.
El Paso Gas Co., El Paso, Tex.
Fall River Gas Works Co., Fall River, Mass.
Jacksonville Gas Co., Jacksonville, Fla.
Lynn Gas & Electric Co., Lynn, Mass.
New Bedford Gas & Edison Light Co., New Bedford, Mass.
New York & Richmond Gas Co., Stapleton, N. Y.
Utica Gas & Electric Co., Utica, N. Y.
Westchester Lighting Co., Mt. Vernon, N. Y.
Wilmington Gas Co., Wilmington, Mass.

14883— Tar (Wood)

Newton Chemical Co., Olean, N. Y.

14884—Targets (Shooting Gallery)

Arcade Mfg. Co., Freeport, Ill.
Dennison Mfg. Co. (Paper), 26 Franklin, Boston, Mass.
Quackenbush H. M., Herkimer, N. Y.

Targets (Trap Shooting)

See Traps & Targets, Trap Shooting

14885—Tarpaulins, Wagon Covers, Etc.

See also Tents, Contractors'

Amer. Commercial Corp., 120 B'way, New York
American Tent & Awning Co., 307 Washington av, North Minneapolis, Minn.
Anchor Supply Co., Evansville, Ind.
Aronoff Joseph J., Trenton, N. J.
Atlanta Tent & Awning Co., Atlanta, Ga.
Baker & Lockwood Mfg. Co., Kansas City, Mo.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Brooks Tent & Awning Co., Denver, Colo.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Buhrke R. H. Co., 1250H Fullerton av, Chicago, Ill.
Carnie-Goudie Mfg. Co., 22d & Grand av, Kansas City, Mo.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Denver Tent & Awning Co., Denver, Colo.
Fulton Bag & Cotton Mills ("Shuredry" Waterproof, All Kinds), Atlanta, Ga.
Hettrick Mfg. Co., Toledo, O.
Hooper Wm. E. & Sons Co., 3502 Parkdale, Baltimore, Md.
Humphry's R. A. Sons, 1021 Collowhill, Phila., Pa.
Jacksonville Tent & Awning Co., Jacksonville, Fla.
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Lincoln Tent & Awning Co., Lincoln, Neb.
Little Rock Tent & Awning Co., Little Rock, Ark.
Meyer L. M. & Co., Springfield, Mass.
Mills Andrew & Sons, 53 South, New York
Moore Benj. & Co., 27 South, New York
Mound City Duck & Rubber Co., 832 N B'way, St. Louis, Mo.
Mowry David C. & Son, Geneva, Neb.
Pittsburgh Waterproof Co., 435 Liberty av, Pittsburgh, Pa.
U. S. TENT & AWNING CO., 227 N Desplaines, Chicago, Ill.
See adv index at end of book
Reach A. L. Textile Co. (Pads etc), 29 W Houston, New York
Rider A. J., Syracuse, N. Y.
Rogers Tent & Awning Co., Fremont, Neb.
Rowe E. L. & Son, Gloucester, Mass.
San Antonio Tent Awning Co., 129H Military Plaza, San Antonio, Tex.
Schaefer Tent & Awning Co., Denver, Colo.
Smith Arthur F. Co., 261 Canal, New York.
Stanley Wm. W. (Waterproof), 50 Church, New York
Sullivan Jno. & Son, 356 Hudson, New York
Textile Products Mfg. Co. ("Noxall" & "Sterling"), Park av & Dolman, St. Louis, Mo.
Thomas Wm. E. & Co., 42 South, New York
U. S. Tent & Awning Co., 227 N. Desplaines, Chicago, Ill.
Upson Walton Co., 1294 W 11th, Cleveland, Ohio
Wheeling Tent & Awning Co., Wheeling, W. Va.
Wolf Bros. Tent & Awning Co., Omaha, Neb.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

14885a— Tartar Emetic

Harshaw, Fuller & Goodwin Co., Elec. bldg., Cleveland, O.

14886— Tassels (Brass)

Judd H. L. Co., 87 Chambers, New York

14887—Tassels (Harness & Saddlery)

Advance Specialty & Mfg. Co. (Hair), St. Joseph, Mo.
Fielding A. & Bros. (Hair), Hoboken, N. J.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

14888—Tassels (Silk, Drapery, Etc.)

Bridgeport Coach Lace Co. (Coach), Bridgeport, Conn.
Buschner A. C. & Co., 1253 Nostrand av, Brooklyn, N. Y.
Colombat Henry, 239H Geary, San Francisco, Cal.
Empire Braid Works, 413 W B'way, New York
Empire Fringe Co., 909 Faile, New York
Fielding A. & Bro. (Hair), Hoboken, N. J.
Helmus Gabriel, 142 Greene, New York
Horstmann W. H. Co., 5th & Cherry, Phila., Pa.
Mason Silk Mills (Silk), Paterson, N. J.
New York Tassel & Cord Co., 35 Howard, New York
Rosenthal Bros., 463 Broome, New York.
Schlegel Mfg. Co., Rochester, N. Y.
Schultz Goodwin Co., 31 Lincoln, Boston, Mass.
Unger Wm. & Bro., 496 B'way, New York
United States Trimming Co., 1410 N 6th, Phila., Pa.
United Trimming Co., 16 W 39th, New York
Vogt Mfg. Corp., Dept. H, Rochester, N. Y.
Walliser August, 531 Hermitage Rox, Phila., Pa.
Webendorfer H., 338 E 103d, New York
Weinz Trimming Co., 68 Chauncy, Boston, Mass.

14888a—Taxidermists Supplies Manufacturers

Babbitt James P. (Glass Eyes), Taunton, Mass.

14889— Teasels

Chester Jacob N., 109 Broad, New York
Kellogg Bros., Skaneateles, N. Y.

Technical Institutions

See Engineering Schools & Colleges

14890— Tedders (Hay)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Emerson-Brantingham Co. ("EB" Combination Rake & Tedder), Rockford, Ill.
Gehl Bros. Mfg. Co., West Bend, Wis.
Hocking Valley Mfg. Co., Lancaster, O.
International Harvester Company of America (Inc.), Deering-McCormick-International), Harvester bldg., Chicago, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Flying Dutchman"), Moline, Ill.
Mountville Mfg. Co., Mountville, Pa.
Ohio Rake Co. ("Monarch," "Quail"), Dayton, O.
Richardson Mfg. Co., Worcester, Mass.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas," "Royal," "Triumph"), Springfield, O.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

14890a—Tee-Squares (Stonemans')

Eagle Engineering Co. ("Star"), Springfield, O.

14891— Tees (Boiler)

Slake Specialty Co. (Double Union & Bottom Boiler), Rock Island, Ill.
Stack Heater Co. ("Stack-Non-Bi-Path"), 39H Sudbury, Boston, Mass.

14892— Tees (Pipe)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
General Fire Extinguisher Co., Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Malleable Steel), 253 Broadway, New York
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices. Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co.," Malleable), Branford, Conn.
Powell Wm. Co. (Brass), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

14893—Tees (Test, Soil Pipe)

Compound Injector & Specialty Co. ("Dehn"), 419 N Laramie av, Chicago, Ill.
Sanitary Co. (Cast Iron), Dept. H, Linfield, Pa.
Thermal Syndicate Ltd. (Fused Silica), 59 E 41st, New York

14894— Tees (Union)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
Dart E. M. Mfg. Co. ("Dart"), 134 Thurbers av, Providence, R. I.
See adv index at end of book
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

14895—Teeth (Bundle Carrier)

Cambria Steel Co., Widener bldg, Phila., Pa.
Harrow Spring Co. (Spring), Milwaukee, Wis.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

14896— Teeth (Cultivator)

Allen S. L. & Co. ("Planet, Jr."), 5th & Glenwood, Phila., Pa.
Bateman Mfg. Co., Grenloch, N. J.
Bonney Forge & Tool Works, Allentown, Pa.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Harrow Spring Co. (Spring), Milwaukee, Wis.
Hench & Dromgold Co., York, Pa.
Parlin & Orendorff Co., Canton, Ill.

14897— Teeth (Dipper)

American Forge Works, Denver, Colo.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
National Iron Co., Duluth, Minn.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14898—Teeth for Crusher Rolls

Scranton Forging Co. (For Coal & Salt), Scranton, Pa.
See adv index at end of book

14899-900—Teeth (Harrow)

Babcock Mfg. Co., Leonardsville, N. Y.
Cambria Steel Co. (Drag & Spring), Widener bldg, Phila., Pa.
Harrow Spring Co. (First National Bank bldg.), Milwaukee, Wis.
Henry & Allen (Reversible), Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Lanz, M. Bolt Co., 2970H Carson, Pittsburgh, Pa.
Madison Plow Co., Madison, Wis.
Mason F. C. & Co. (Spring, Spike), St. Johns, Mich.
Noll Bros. (Spring & Spike), 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co. (Round & Square Steel), 38th & Junction R. R., Pittsburg, Pa.

Teeth (Hay Rake)

See Teeth, Rake & Tender

14901—Teeth (Rake & Tedder)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Bogert & Hopper Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Cambria Steel Co., Widener bldg, Phila., Pa.
Estes E. B. & Sons (Rake), 364 5th av, New York. *See adv index at end of book*
Harrow Spring Co. (Rake Teeth), Milwaukee, Wis.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Pressed Steel Co. (Supports), Warren, O.
See adv index at end of book

14902— Teeth (Scarifier)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.

14903—Teeth (Steam Shovel & Dredge)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Cupples Adjustable Tooth Co. ("Cupples" Adjustble), Tyrone, Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14904— Teeth (Thresher)

Christian Jno. Mfg. Co., San Jose, Cal.
Henry & Allen, Auburn, N. Y.
Rhode Island Tool Co. (Steel), Providence, R. I.
Rumely Leo Tractor Co., La Porte, Ind.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

14905— Teeth (Two-Part)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.

14906-7— Teeth (Weeder)

Babcock Mfg. Co., Leonardsville, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Harrow Spring Co., Milwaukee, Wis.

14908—Telegraph Apparatus

American Thermophone Co. (Two Station Commercial Telephone & Isometric Systems), 116 Bedford, Boston, Mass.
Bunnell J. H. & Co. ("Duplex" & "Quadruplex"), 32 Park pl, New York
Jester-Cooper Co., Houston, Texas
Kleinschmidt Elec. Co., 36 Flatbush av ext, Brooklyn, N. Y.
McNab Co. ("McNab" Indicating), Bridgeport, Conn.
Pearce Fred'k Co., 20 Rose, New York

Telegraph Poles

See Poles, Various Kinds; also Ties, Poles & Posts

14908a— Telegraphic Instruments (Radio)

Radio Corporation of America, 33 Broadway, New York

14909— Telegraphs (Ship)

Henschel Chas J & Co Inc. (Mechanical),
Bethlehem Shipbuilding Corp. Ltd. (Mechanical), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
111 Dobbin, Brooklyn, N. Y.
Horne Mfg. Co., 4 College pl, Brooklyn, N. Y.
Laughlin Thos. Co. (For Engine Room), Portland, Me.
McNab Co., Bridgeport, Conn.
See adv index at end of book
Marine Mfg. & Supply Co., 158 South, New York

14910— Telephone Arms

Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
Holtzer-Cabot Electric Co. ("Equipoise"), 125 Amory, Boston, Mass.
Schofield & Co. ("Equipose"), 30 Beekman, New York
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14911-2— Telephone Booths

See also Telephone Cabinet Work with the word "Booths" Following their Names

Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.

Telephone Boxes

See Telephone Cabinet Work with the word "Boxes" Following their Names

14913—*Telephone Brackets (Adjustable)

Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*

14914—Telephone Cabinet Work

Acme Cabinet Co. ("Acme" Folding Door, Booth, etc.), 116 W 32d, New York
Art Metal Construction Co. (Steel), Jamestown, N. Y.
Bauerle & Stark Co. (Boxes, etc), 1147 W Ohio, Chicago, Ill.
Browneil C. H. ("Altick" Folding Booths, etc), Peru, Ind.
Cadwell-Vernon Co. (Booths), Jamestown, N. Y.
Churchill Cabinet Co. (Boxes, etc), 2119 Churchill, Chicago, Ill.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Dahlstrom Metallic Door Co. (Hollow Metal Booths), 413 Buffalo, Jamestown, N. Y.
Evans W. L. (Vanishing Door Booths), Washington, Ind.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
French Cabinet Co. (Booths), Metropolitan av nr Flushing av, Brooklyn, N. Y.
Heyden F. (Boxes, etc.), 517 N Halsted, Chicago, Ill.
Jordan Cabinet Wks. (Boxes, etc), 129 Degraw, Brooklyn, N. Y.
Palen's H. W. Sons (Fine Cabinet Finish), Kingston, N. Y.
Peterson Chas. J. Co., 725 Fulton, Chicago, Ill.
Sewing Machine Cabinet Co. (On Order), Bridgeport, Conn.
Standard Cabinet Mfg. Co., Peru, Ind.
Western Electric Co. (Booths, etc), 463 West, New York
Wisconsin Chair Co. (Boxes, etc), Port Washington, Wis.
Yesbera Mfg. Co. (Booths, etc), Toledo, O.

14915—Telephone Cleats & Staples

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Titchener E. H. & Co., Binghamton, N. Y.
Wilmington Fibre Specialty Co., Wilmington, Del.

14916—Telephone Cushions (Pneumatic)

Huron Rubber Co., Cleveland, O.

14917—Telephone Desk Stands

Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York

Telephone Holders

See Brackets, Desk, Telephone

14918— Telephone Knobs

Scranton Button Co. (Lacavite), Scranton, Pa.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14919—Telephone Meters or Registers

Gray Telephone Pay Station Co., Hartford, Conn.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14920—Telephone Mouthpieces

Rubber, Composition & Hard Fibre; see also Porcelain Specialties, Electrical, etc
American Electric Co. (Glass, "Germproof" Porcelain "Burns"), 6401 S State, Chicago, Ill.
American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
General Insulate Co. ("Insulate," "Seamless"), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp., 25 W 45th, New York
Schneider J. S. (Glass), Ridgefield, Conn.
Scranton Button Co. (Lacavite), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stromberg-Carlson Telephone Mfg. Co. (Bakelite Rubber Composition & Glass), 1050 University av, Rochester, N. Y.
Vulcanized Rubber Co., 251 4th av, New York

14921— Telephone Parts

Oakes Co. (Stamped), Indianapolis, Ind.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York
Worcester Pressed Steel Co., Worcester, Mass.

14922—Telephone Pole Changer

Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

Telephone Poles

See Poles, Various Kinds; also Ties, Poles & Posts

14923—Telephone Protectors

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. ("Cook"), 326 W Madison, Chicago, Ill.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Reliable Elec. Co., 3145 Carroll av, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14924—Telephone Receiver Shells

American Enamel Co., Providence, R. I.
American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
General Insulate Co. ("Insulate"), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
International Insulating Corp., 25 W 45th, New York
Murdock W. J. Co., Chelsea, Mass.
Scranton Button Co. (Lacavite), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Vulcanized Rubber Co., 251 4th av, New York
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14925—Telephone Receivers

American Hard Rubber Co., 9 Mercer, New York
Automatic Electric Co. ("Pioneer"), 1001 W Vanburen, Chicago, Ill.
Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.
Hemming Mfg. Co., Garfield, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
International Insulating Corp., 25 W 45th, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Long Distance Telephoning Mfg. Co., South Bend, Ind.
Murdock W. J. Co., Chelsea, Mass.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book
Western Electric Co., 463 West, New York

14926—Telephone Relay Shells

Cassady Fairbank Mfg. Co., 6126 Lasalle, Chicago, Ill.
Waterbury Button Corp., 831 South Main, Waterbury, Conn.
See adv index at end of book

14927—Telephone Ringing Apparatus

Butler Edwards Electric Co., Easton, Pa.
Leich Electric Co., Genoa, Ill.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14928—Telephone Testing Sets

Holtzer-Cabot Electric Co. (Lineman's), 125 Amory, Boston, Mass.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14929—Telephone Transmitter Arms

Columbia Wire & Iron Works (Extension Telephone Arms), 1933 W Lake, Chicago, Ill.
Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Rex Mfg. Co., Corry, Pa.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York

14930—Telephone Transmitters

Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Boissonnaute G. Co. ("Micropho" Super Sensitive), 26 Cortlandt, New York
Connecticut Telephone & Electric Co. Meriden, Conn.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Leich Electric Co., Genoa, Ill.
Long Distance Telephone Mfg. Co., South Bend, Ind.
Moore's Telephone System, Caro, Mich.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Tel. Mfg. Co., Rochester, N. Y.
See adv index at end of book

Telephone Woodwork

See Telephone Cabinet Work

14931—Telephones (Automatic)

Automatic Electric Co., 1001 W Vanburen, Chicago, Ill.
Boissonnault G. Co. ("Micropho"), 26 Cortlandt, New York
Couch S. H. Co. (Couch "Autophone"), Norfolk Downs, Mass.
North Electric Mfg. Co., Galion, O.
Stanley & Patterson, Inc., 23 Murray, New York
Stentor Elec. Mfg. Co., 68 Hunters Point av, New York

14932—Telephones (Automobile)

Boissonnault G. Co. ("Micropho"), 26 Cortlandt, New York
Conn. Telephone & Electric Co., Meriden, Conn.
Taylor H. D. Co., 103 Oak, Buffalo, N. Y.

14933—Telephones (Interior)

Automatic Electric Co. (Automatic Inter-Communication), 1001 W Van Buren, Chicago, Ill.
Boissonnault G. Co. ("Micropho"), ("Also Loud Talking), 26 Cortlandt, New York
Callophone Co. of New York (Loud Speaking), 151 Grand, New York
Century Telephone Construction Co., Buffalo, N. Y.
Connecticut Telephone & Electric Co., Meriden, Conn.
Couch S. H. Co., Quincy, Mass.
Direct Line Telephone Co. ("Direct Line" Secret Service), 450 Broome, New York
Garl Electric Co., Akron, O.
Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.
Holtzer-Cabot Electric Co. (Also for Schools & Apartment Houses), 125 Amory, Boston, Mass.
Kelley Electric Co., 120 Opera pl, Cincinnati, O.
Klaxon Co., ("Klaxon"), 194 Wright, Newark, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Dictagraph Co. ("Turner" Intercommunicating), 220 W 42nd, New York
North Electric Mfg. Co., Galion, O.
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
PETTES & RANDALL CO., 150 Nassau, New York
Screw Machine Products Co. ("Slect-O-Phone"), 1012 Eddy, Providence, R. I.
Stanley & Patterson, Inc., 23 Murray, New York
STROMBERG-CARLSON TELEPHONE MFG. CO. (Intercommunicating), 1050 University av, Rochester, N. Y.
Winkler-Reichmann Co., 4801 So Morgan, Chicago, Ill.

14934— Telephones (Mine)

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Stanley & Patterson, Inc., 23 Murray, New York
STROMBERG-CARLSON TELEPHONE MFG. CO. ("Mine-a-Phone" System), 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York

14935—Telephones (Pendant)

Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14936—Telephones (Portable)

Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.

14937—Telephones & Apparatus

See also Switchboards, Telephone

Ackerman Telephone Co., 631 W Jackson, Chicago, Ill.
American Electric Co. ("Samson," "American"), 6401 S State, Chicago, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Archer Geo. F. (Celebrated Automatic, Intercommunicating), 10 E 43d, New York
Augusta Elec. Corp., Augusta, Ill.
Augusta Mutual Telephone Co., Augusta, Ill.
Auth Elec'l Specialty Co., 422 E 53rd, New York
Automatic Electric Co., 1001 W Vanburen, Chicago, Ill.
Bainbridge Electrical Co., 1613 Samson, Phila., Pa.
B. R. Electric Co., Kansas City, Mo.
Boissonnault G. Co. ("Micropho"), 26 Cortlandt, New York
Bridgeport Electric Products Co. (The), ("Crown" for Factories, Hotels, etc), Bridgeport, Conn.
Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.
Century Telephone Const. Co., Buffalo, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Connecticut Telephone & Electric Co. (Inc.) (Interior & Long Distance), Meriden, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Couch S. H. Co., Quincy, Mass.
Direct Line Telephone Co., 450 Broome, New York
Elston Tel. & Mfg. Co., Muscoda, Wis.
General Acoustic Co., 220 W 42nd, New York
Henschel Chas. J. & Co. Inc. (Marine), 111 Dobbin, Brooklyn, N. Y.
Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Inland Electric Co., 211 Chestnut, St. Louis, Mo.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Klaxon Co. ("Klaxon"), 194 Wright, Newark, N. J.
Kusel Telephone & Electric Supply Co., Olive, St. Louis, Mo.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Leich Electric Co. ("Leich" Automaphone), Genoa, Ill.
Loeffler Louis J., 20 Fulton, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marvin W. B. Mfg. Co., Urbana, O.
Menominee Elec. Mfg. Co., Menominee, Mich.
Minnesota Electric Co., 309 2nd av S, Minneapolis, Minn.
Modern Electric Co., Burlington, Ia.
Monarch Telephone Mfg. Co., Ft. Dodge, Ia.
Musolaphone Corp., 46 W B'way, New York
National Cash Register Co., Dayton, O.
National Telegraphone & Supply Co., El Paso, Tex.
North Elect. Mfg. Co., Galion, O.
Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
Russell Electric Co., Danbury, Conn.
Samson Elec Co., 146 Samson, Canton, Mass.
Screw Machine Products Co. ("Select-O-Phone"), 1012 Eddy, Providence, R. I.
Signalphone Alarm Co., Milwaukee, Wis.
Simplex Interior Telephone Co., 217 E 3d, Cincinnati, O.
Spencer Electrical Co., 163 Greenwich, New York
Spielman Electric Co. ("Seco"), 1931 B'way, New York
Standard Telephone Repair Co., 321 N Crawford, Chicago, Ill.
Stanley & Patterson, Inc. (Automatic Switchless), 23 Murray, New York
Stoddard Tel. Const. Co., Monroe, Mich.
STROMBERG - CARLSON TELEPHONE MFG. CO. (& Construction Materials), 1050 University av, Rochester, N. Y.
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Western Elec. Co., 463 West, New York.
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

14938— Telescopes

Abel & Bach Co., Milwaukee, Wis.
Adams J. Q., 22 N May, Chicago, Ill.
Bausch & Lomb Optical Co. (Observation, etc), Rochester, N. Y.
Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.
Clark, Alvan & Sons Corp. (Astronomical), Cambridge, Mass.
Diamond, Nicholas & Co., 616 W Adams, Chicago, Ill.
Fibre Case & Novelty Co., 274 Church, New York
Goerz C. P. American Optical Co., 317 E 34th, New York
Gundlach Manhattan Optical Co., Rochester, N. Y.
Hartmann Trunk Co, Racine, Wis.
Headley & Farmer Co., Newark, N. J.
Leeds & Northrup Co. (Reading), 490 Stenton av, Phila., Pa.
Mogey W. & D., Plainfield, N. J.
Scheidig John & Co. (Imp.), 32 Maiden la, New York
Seitz J. H. & Son, 414 Brown, Phila., Pa.
Spencer Lens Co., Buffalo, N. Y.
Spencer Optical Co. (Imp.), 7 Maiden la, New York
Stevens J. Arms Co. (Rifle), Chicopee Falls, Mass.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Warner & Swasey Co. (Astronomical, etc.), 5809 Carnegie av, Cleveland, O.
Warren Leather Goods Co., Worcester, Mass.

14938a—*Telltale Boards (Marine Running Lights)

General Electric Co., Schenectady, N. Y.
** See adv index at end of book*

14939-40—Tell Tales (Rope)

Fisher & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Strong Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.

14941— Tellurium

American Smelting & Refining Co., 120 B'way, New York
Mackay A. D. (Oxide, Nitrate & Metal), 130 Pearl, New York

14941a—Telepherage (Electric Conveying)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
United Telpherage Co., 101 Park av, New York
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

14942—Temperers (Corn & Grain)

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.

14943— Tempering Tanks

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works. Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind. *See adv index at end of book*
Heltzel Steel Form & Iron Co. The, Warren, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Kraft A. C., 323 W Lake, Chicago, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.
Stolz Jos. & Son Inc., 841 E 136th, New York

14944—Tempering to Order

American Metal Treatment Co., Elizabeth, N. J.
BARNES THE WALLACE CO., 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works ("Cary"), 240 W 29th, New York
Myall-Wallace Co., 17 E Austin av, Chicago, Ill.
Vincent Steel Process Co. ("Vincent," Process), 751 Bellevue av, Detroit, Mich.

14945— *Template

UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

14945a— *Templates (Concrete Road)

Heltzel Steel Form & Iron Co. The, Warren, O.

14946— *Templet

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.
See adv index at end of book
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

14947— *Templet Material

See also Boards, Templet
Also Lumber, Templet

UNION PAPER & TWINE CO., 128 St. Clair av, N. W., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

14948— Ten Pins

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Hellenberg J. B. Co., Coldwater, Mich.
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohaut John C., 117 Green, Newark, N. J.
McMillan's W. H. Sons, 153 South, New York

14949— Tenderers (Meat)

Chatillon Jno & Sons, 85 Cliff, New York
Fanner Mfg. Co., Cleveland, O.
Thurnauer G. M. Co., 6 E 20th, New York

14950—Tenders (Traction Engine)

Nichols & Shepard Co., Battle Creek, Mich.

14950a—Tennis Court Back Stops

Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

14951—Tennis Racquet Mfrs.

Bancroft Fred'k J., Pawtucket, R. I.
Baumgartner Eugene, 835 W 50th, Chicago, Ill.
Horsman E. I. Co., 11 Union Square, New York
Kinsella Walter A. Co. (Imp.), 304 Madison av, New York
Lee Harry C. & Co. ("Dreadnought"), 97 Chambers, New York
McLoughlin, Bundy & Sinsbaugh, 545 S Spring, Los Angeles, Cal.
Mangan N. J. Co., North Attleboro, Mass.

14952—Tents (Contractors', Etc.)

ARKANSAS.

FORT SMITH—Tucker Duck & Rubber Co.
LITTLE ROCK—Little Rock Tent & Awning Co.

CALIFORNIA.

FRESNO—Pacific Tent & Awning Co.
LOS ANGELES—Campbell O. A., 1252 W 24th
SAN FRANCISCO — Ames-Harris-Neville Co., Portrero & Alameda
Hendrix-Luebbert Mfg. Co., 326 Howard

COLORADO.

DENVER—Brooks Tent & Awning Co.
Colorado Tent & Awning Co.
Denver Tent & Awning Co.
Schaefer Tent & Awning Co.
PUEBLO—Burch F. J. Mfg. Co.

FLORIDA.

JACKSONVILLE — Jacksonville Tent & Awning Co., Dept. H

GEORGIA.

ATLANTA—Atlanta Tent & Awning Co. (All Kinds)
Fulton Bag & Cotton Mills ("Usamp", Mildewproof)

ILLINOIS.

CHICAGO—Carpenter Geo. B. & Co. ("Shuredry"), 440 N Wells
Channon H. Co., 150 N Market
Chicago Flag & Decorating Co., 1345 S Wabash av
Cook E. C. & Bro., 1312 Arthington
Murray & Co., 625 Fulton
U. S. Tent & Awning Co., 227 N Desplaines
Walger Awning Co., 561 W Monroe
ELGIN—Ziegler Bros. Co.
PEORIA—Peoria Tent & Awning Co., 119 Main

INDIANA.

EVANSVILLE—Anchor Supply Co.
INDIANAPOLIS—Eberhardt & Co.
Indianapolis Tent & Awning Co.

IOWA.

DES MOINES—Des Moines Tent & Awning Co.
Seick Tent & Awning Co.
SIOUX CITY—McNeil H. C. & Son

KANSAS.

KANSAS CITY—Wyandotte Awning & Tent Co. ("Kopka" Awnings)
TOPEKA—Topeka Tent & Awning Co.

KENTUCKY.

COVINGTON—Lushbaugh W. H.
LEXINGTON—Southern Tent & Awning Co.

LOUISIANA.

SHREVEPORT—Brewer G. H.

MASSACHUSETTS.

GLOUCESTER—Rowe E. L. & Son
SPRINGFIELD—Meyer L. M. & Co.

MICHIGAN.

DETROIT—Goss J. C. Co., 16 E Woodbridge
Johnson John Co., 1314 Gratiot av

MINNESOTA.

DULUTH—Marshall-Wells Co.
MINNEAPOLIS—American Tent & Awning Co., 307 Washington av, N
Hoigaard C. J. Co., 30 Washington av, N
Saunders H. J., 900 Hennepin av
ST. PAUL—Minnesota Tent & Awning Co., 15 W 3rd

MISSOURI.

KANSAS CITY—Baker & Lockwood Mfg. Co.
Carnie-Goudie Mfg. Co., 22d & Grand av.
ST. LOUIS—Acme Tent & Awning Co., 1012 Market
Dougherty Bros. Tent & Awning Co., 116 S 4th
Missouri Tent & Awning Co., 2208 Chestnut
Morrison Tent & Awning Co., 213 N 3d
Mound City Duck & Rubber Co., 832 N B'way
Sanders Duck & Rubber Co., Silk Exchange bldg
Textile Products Mfg. Co. ("Noxall" & "Sterling"), Park av & Dolman, St. Louis, Mo.
Wenzel H. Tent & Duck Co., 1036 Paul
Zittlosen Mfg. Co., Park & Dolman

NEBRASKA.

FREMONT—Rogers Tent & Awning Co.
GENEVA—Mowry David C. & Son
LINCOLN—Lincoln Tent & Awning Co.
Western Tent & Awning Co.
OMAHA—Wolf Bros. Tent & Awning Co.

NEW YORK.

ALBANY—Stoneman M. G. & Son.
NEW YORK—Boyle John & Co., 112 Duane
Harwood & Son (Also Export), 175 W B'way
Hoffman-Corr Mfg. Co., 322 Lafayette
McHugh Mfg. Co., 242 W 41st
Magee M. & Son, 147 Fulton
Martin Thomas, 304 Canal
Mills Andrew & Sons, 53 South
Rehm & Co., 214 Wash.
Skelton Frederick, 200 5th av
Smith Arthur F. Co., 261 Canal
Stonebridge C. H. Mfg. Co., 23 Warren
ROCHESTER—Field James Co.
SYRACUSE—Gibbs Chas. M.
Rider A. J.
TROY—Bartle H. J. Mfg. Corp.

OHIO.

CANTON—Canton Tent & Awning Co.
COLUMBUS—Buckeye Tent & Awning Mfg. Co., 264 Spruce
Columbus Tent & Awning Co.
TOLEDO—Hettrick Mfg. Co.

OREGON.

PORTLAND—Ames Harris Neville Co., 15th & Hoyt
Noon Bag Co., 32 N 1st
Portland Tent & Awning Co., 16 N Front

PENNSYLVANIA.

PHILADELPHIA—Hoffman-Corr Mfg. Co., 312 Market
Humphry's R. A. Sons, 1021 Callowhill
PITTSBURGH — Pittsburgh Waterproof Co., 435 Liberty av

TEXAS.

HOUSTON—Repsdorph Tent & Awning Co.
Kattmann & Kneeland Tent Co.
PARIS—Paris Mattress & Awning Co.
SAN ANTONIO—San Antonio Tent Awning Co. (Awnings), 129H Military Plaza.
WACO—Clifton Mfg. Co.

WASHINGTON.

SEATTLE—Puget Sound Tent & Duck Co.
Seattle Tent & Awning Co.
SPOKANE—Berg F. O. Co.

WEST VIRGINIA.

WHEELING—Wheeling Tent & Awning Co.

WISCONSIN.

MADISON—Gallagher John Co.
Madison Tent & Awning Co.

14953— Tents (Umbrella)

Troy Carriage Sun Shade Co., Troy, O.

14954— Tents (Window)

Cabinet Mfg. Co. ("Walsh"), Quincy, Ill.

Terminals (Fuse)

See Terminals Telephone Cable

14955—Terminals (Light & Power)

Columbia Machine Works & Malleable Iron Co. (Brass & Copper, Cast or Forged), Atlantic av & Chestnut, Brooklyn, N. Y.
Slazenger F. L., 12 E 43rd, New York
Spalding A. G. & Bros., 126 Nassau, New York
STANDARD UNDERGROUND CABLE CO. ("Davis"), Westinghouse bldg., Pittsburgh, Pa.
Wright & Ditson, 344 Washington, Boston, Mass.
Zimmerman J. N., Owosso, Mich.

14956-7—Terminals (Primary & Secondary)

Breaznell J. H., 26 Court, Brooklyn, N. Y.
Central Mach. & Supplies Co., 148 Chambers, New York
Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
Connecticut Tel. & Elec. Co., 70 Britnia, Meriden, Conn.
Elk Mfg. Co., 1926 B'way, New York
Fitzgerald Mfg. Co., Torrington, Conn.
Francis-Rand Co., Erie bldg, Cleveland, O.
Lemke Elec. Co., 509 Cedar, Milwaukee, Wis.
Meliorate Mfg. Co., 246 Hall, Brooklyn, N. Y.
Michigan Motor Specialties Co., 26 Dubois, Detroit, Mich.
MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book
Shain Chas. D., Station L, Brooklyn, N. Y.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

14958—Terminals (Service)

Brady Electric Mfg. Co. (Waterproof), New Britain, Conn.
Phila. Electrical & Mfg. Co. ("Pemco."), 1236 N 31st, Phila., Pa.

14959— Terminals (Spring)

MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book

14960—*Terminals (Storage Battery)

Morse Frank W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book

14961—Terminals (Telephone Cable)

American Electric Co., 6401 S State, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Central Tel. & Electric Co. ("Becker" Terminal Heads), 311 N 11th, St. Louis, Mo.
Cook Frank B. Co. (All Metal), 326 W Madison, Chicago, Ill.
Dossert & Co., 242 W 41st, New York
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Fahnestock Electric Co., Meadow, Long Island City, N. Y.
General Electric Co. (Copper Cable), Schenectady, N. Y.
See adv index at end of book
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Moon Mfg. Co., 122 N Jefferson, Chicago, Ill.
Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.
Protective Electrical Supply Co., Fort Wayne, Ind.
Reliable Elec. Co., 3145 Carroll av, Chicago, Ill.
Standard Undeground Cable Co. ("Davis"), Pittsburgh, Pa.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14962— Terminals (Wire)

Barcy Nicholson Co., 837 W Fort, Detroit, Mich.
Dossert & Co., 242 W 41st, New York
Michigan Motor Specialties Co. ("Becco"), 26 Dubois, Detroit, Mich.
Mosler A. R. & Co., Woodlawn, N. Y.
Patton-MacGuyer Co., 31 Mathewson, Providence, R. I.

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SINGER BUILDING, NEW YORK
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TERMINALS (WIRE)—continued
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Stimpson Edwin B. Co. (Copper), 852 Kent av, Brooklyn, N. Y.
Universal Electric Stage Lighting Co. ("Kliegl" for Asbestos Wire), 240 W 50th, New York

Terne Plate Mfrs.
See Tin Plate Mfrs.

14962a— Terpine Hydrate
Essential Oil Specialties Co., Inc., Grassland, Pa.
Mallinckrodt Chemical Wks., 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Verona Chemical Co., No. Newark, N. J.

14962b— Terpineal
Essential Oil Specialty Co., Inc., Grassland, Pa.
Standard Chemical Co., Bayonne, N. J.
Van Dyk & Co., 6 Platt, New York

14963— Terra-Alba
Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Hammill & Gillespie (Imp.), 240 Front, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Higginson Mfg. Co., Newburgh, N. Y.
Keystone Plaster Co. (For Paint Mfrs.), Chester, Pa.
King J. B. & Co., 17 State, New York
Nevins Sam'l Co., 109 S 2d, Phila., Pa.
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Scheel W. H. (Imp.), 159 Maiden la, New York *See adv index at end of book*
Whittaker Clark Daniels (Inc.), (Imp.), 250 Front, New York
WILLIAMS C. K. & CO. ("Anchor Brand," All Dry Paint Pigments), Easton, Pa.
See adv index at end of book

14964—Terra Cotta (Architectural)
Advance Terra Cotta Co., 29 So La Salle, Chicago, Ill.
American Fire Brick Co., Spokane, Wash.
American Terra Cotta & Ceramic Co., 1808 Prairie av, Chicago, Ill.
Atlanta Terra Cotta Co., Atlanta, Ga.
Atlantic Terra Cotta Co., 1170 B'way, New York
Brick Terra Cotta & Tile Co., Corning, N. Y.
Campfield Raggle Block Co. (Wall Coping), Richmond, Ind.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Conkling-Armstrong Terra Cotta Co., Wissahickon av & Juniata, Phila., Pa.
Conkling-Armstrong Terra Cotta Co., Wissahickon av & Juniata, Phila., Pa.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Terra Cotta Co., Denver, Colo.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Ga.
Indianapolis Terra Cotta Co., Indianapolis, Ind.
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
Ketcham O. W., 24 S 7th, Phila., Pa.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Midland Terra Cotta Co., 3 S La Salle, Chicago, Ill.
National Terra Cotta Co., S cor 16th & Oakland, Kansas City, Mo.
NEW JERSEY TERRA COTTA CO., Singer bldg, New York
See adv index at end of book
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island, N. Y.
Northern Clay Co., Auburn, Wash.
Northwestern Terra Cotta Co., General Office & Works: 2525 Clybourne av, Chicago, Ill.
St. Louis Terra Cotta Co., 5815 Manchester, St. Louis, Mo.
South Amboy Terra Cotta Co., 150 Nassau, New York
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Western Terra Cotta Co., Kansas City, Mo.
White Scott A. (Mfrs. Agt., Northwestern), Oliver bldg, Pittsburgh, Pa.
Winkle Terra Cotta Co., 502 Century bldg, St. Louis, Mo.

14965—Terra Cotta (Architectural, Enameled or Glazed)
Atlantic Terra Cotta Co., 1170 B'way, New York
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Conkling-Armstrong Terra Cotta Co., Wissahickon av & Juniata, Phila., Pa.
Denver Terra Cotta Co., Denver, Colo.
Federal Terra Cotta Co., 101 Park av, New York
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Hartford Faience Co., Hartford, Conn.
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
NEW JERSEY TERRA COTTA CO., Singer bldg, New York
See adv index at end of book
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
Northern Clay Co., Auburn, Wash.
Northwestern Terra Cotta Co. (Granite Color), General Offices & Works: 2525 Clybourn av, Chicago, Ill.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
South Amboy Terra Cotta Co., 150 Nassau, New York
Western Terra Cotta Co., Kansas City, Mo.
Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

Terra Cotta Hip Rolls
See Roofing Tile, Terra Cotta

Terra Cotta Lumber
See Fire Proof Hollow Tile; also Fire Proofing, Porous Brick & Tile

14966—Terra Cotta (Polychrome & Faience)
Atlanta Terra Cotta Co., Atlanta, Ga.
Atlantic Terra Cotta Co., 1170 B'way, New York
Federal Terra Cotta Co., 101 Park av, New York
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
NEW JERSEY TERRA COTTA CO., Singer bldg, New York
See adv index at end of book
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

14967— Terrazzo Flooring
See also Mosaics of Various Kinds
Am. Marble Mosaic Co., 534 Market, Milwaukee, Wis.
American Mosaic & Tile Co., Louisville, Ky.
Art Mosaic & Tile Co., Toledo, O.
Batterson & Eisele, Edgewater, N. J.
Belfi Bros. & Co., 1923 Market, Phila., Pa.
Cascio S., 1259 Flushing av, Brooklyn, N. Y.
Italian Mosaic & Marble Co., Buffalo, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Northwestern Marble & Tile Co., 27th av & S 27th, Minneapolis, Minn.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Schenectady Tile Co., Schenectady, N. Y.
Shipway John H. & Bro., Locust av & 136th, New York
Standard Mosaic Tile Co., 525 S Peoria, Chicago, Ill.
Toscani Jno. L. Co., 930 E 178th, New York
White Marble & Terrazzo Co., Lee, Mass.
Whitestone Marble Co., Atlanta, Ga.

14968—Terrazzo (Wholesale)
Jackson C. D. & Co. (Imp.), 105th & E. R., New York
Whitestone Marble Co., Atlanta, Ga.

14969— Terrets (Hame)
Eibel Co., Canton, O.
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14970—*Test Connectors (Telephone & Telegraph Wires)
DIAMOND EXPANSION BOLT CO ("Diamond"), 89 West, New York
See adv index at end of book
Reliable Elec. Co., 3145 Carroll av, Chicago, Ill.

14971-2— Test Weights
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Glaertner Wm. & Co., 5345-49 Lake Park av, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
Torsion Balance Co., 92 Reade, New York

14973—*Testers (Blasting Machine)
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*

14974— Testers (Center)
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

14975— Testers (Circuit)
Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Explosives Div., Blasting), Wilmington, Del.
See adv index at end of book
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

14976— Testers (Creamery)
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Burrell D. H. & Co. ("Facile Babcock"), Little Falls, N. Y.
Creamery Package Mfg. Co. ("Crepaco"), 61 W Kinzie, Chicago, Ill.
Davis-Watkins Dairymen's Mfg. Co., Dept. H, North Chicago, Ill.
Edson Wyman L., Union Center, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Sharples Milker Co. ("Babcock"), Dept. H, West Chester, Pa.
Vermont Farm Machine Co. ("Agos," Babcock), Bellows Falls, Vt.

14977-8— Testers (Egg)

Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.
Ozark Electric Co., Aurora, Mo.
Rigling Wm. Egg Tester & Mfg. Co., Hamilton, O.

Testers (Flash Point Oil)

See Testers, Oil

14979— Testers (Fuse)

Electric Specialty Co. ("Addie"), Cresco, Iowa

14980— Testers (Gauge)

CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
HOLZ & CO. INC., 18 Madison av, New York. *See adv index at end of book*
Schaeffer & Budenberg Mfg. Co., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

14981— Testers (Grain)

See also Scales, Grain Testing

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Buffalo Scale Co. (Inc.) ("Buffalo"), 1205 Niagara, Buffalo, N. Y.
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Seed Trade Reporting Bureau, 1018 S Wabash av, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Success Seed Grader Co., E 1027 Marietta av, Spokane, Wash.

Testers (Ham)

See Tryers, Ham

14982— Testers (Hoof)

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

Testers (Milk)

See Testers, Creamery

14983— Testers (Mine Gas)

Quimby Engng. Co., 450 N 10th, Phila., Pa.

14983a— Testers (Oil)

Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Central Scientific Co., 460 E Ohio, Chicago, Ill.
Daigger A. & Co., 54 W Kenzie, Chicago, Ill.
Eimer & Amend, 205 3d, New York
Holz & Co. Inc., 18 Madison av, New York
See adv index at end of book
Tagliahue C. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.

14984— Testers (Paper)

See also Testing Machines, Paper

Ashcroft Mfg. Co., 119 W 40th, New York
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Illinois Iron & Bolt Co. ("Southworth" Hydrostatic), Carpentersville, Ill.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Perkins B. F. & Son ("Mullen"), Holyoke, Mass.
Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Dial Thickness), 248 Ash, Waltham, Mass.

14985—Testers (Rail Bond)

Roller-Smith Co., 233 B'way, New York
Thompson-Levering Co. ("Peerless"), 325 Arch, Phila., Pa.

14986—Testers (Seed Corn)

Burgess & Norton Mfg. Co. ("Burnor Universal" "Browns Perfect"), Geneva, Ill.
National Mfg. Co., Des Moines, Ia.
Specialty Mfg. Co. ("Minnesota"), 2362 University av, St. Paul, Minn.

14986a—Testers (Storage Battery Cell)

Heinze John O. Co. ("Springfield"), Springfield, O.
Morse Frank W. ("Shuro"), 289 Congress, Boston, Mass.
See adv index at end of book

14987—Testers (Sulphur & Naphthalene)

Connelly Iron Sponge & Governor Co., 237 Fulton, New York

14988—Testers (Water Meter)

Ford Meter Box Co., Wabash, Ind.
Mueller H. Mfg. Co., Decatur, Ill.
Smith A. P. Mfg. Co. ("Wood"), East Orange, N. J.

14989—Testing Apparatus (Water Meter)

BUFFALO METER CO. ("American"), 2921 Main, Buffalo, N. Y.
See adv index at end of book

14990—Testing Instruments & Meters (Electrical)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HOLZ & CO. INC., 18 Madison av, New York *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO. (Also Measuring), East Pittsburgh, Pa.
See adv index at end of book

Testing Machine Mfrs.

For all Testing Machines see Index of Contents

14991—Testing Sets (Electrical)

GENERAL ELECTRIC CO. (Oil Meter, Rail Bond, etc.), Schenectady, N. Y.
See adv index at end of book
National Electric Specialty Co. ("Vac-M" For Lightning Arresters), Toledo, Ohio
Queen-Gray Co. (Portable), 67-70H W Johnson, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14991a— Tetrachlorethylene

Dow Chemical Co., Midland, Mich.

14992— Tetrachloride of Tin

Bower Henry Chemical Mfg. Co., 29th & Gray's Ferry rd, Phila., Pa.
General Chemical Co., 25 Broad, New York
Metal & Thermit Corp., 120 B'way, New York
Republic Chemical Co. Inc., Neville Island, Pittsburgh, Pa.

14993—Textile Machinery, Supplies, Etc.

NOTE.—For various kinds of Textile Machinery, Textile Mill Supplies, etc., see also sub-classifications of this head, following in regular alphabetical order. If you fail to find any particular article you are looking for classified here, consult the index of Contents. If not then successful in locating it, drop us a line, describing article required, and we will, free of charge, use our best efforts to look it up for you.

Southern Textile Machinery Co., Greenville, S. C.
Wilson Co., Greenville, S. C.

14994— Agers (Aniline)

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

14995—Apron Leather (Rawhide)

Coupe Wm. Co. (Ltd.), ("Excelsior"), S Attleboro, Mass.

14996—Apron Leather (Worsted)

Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Coupe Wm. Co. (Ltd.) ("Excelsior"), S Attleboro, Mass.
Foulds I. & Son, Hudson, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

14997— Aprons (Endless)

Barlow Jno. W. Co., Lawrence, Mass.
Boston Belting Co., 84 Linden Park, Boston, Mass.
Harwood Geo. S. & Son, Exchange bldg, Boston, Mass.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

14998— Aprons (Loom)

Pease L. F. Co., 7 Crawford, Providence, R. I.

14999—Aprons (Worsted Combing)

American Multiple Fabric Co., 183 Hartford av, Providence, R. I.
Barlow Jno. W. Co., Lawrence, Mass.
Barnes Henry K. Co., 234 Devonshire av, Boston, Mass.
Coupe Wm. Co. (Ltd.) ("Excelsior"), S Attleboro, Mass.
Harwood Geo. S. & Son, Exchange bldg, Boston, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Norwich Belt Mfg. Co., Norwich, Conn.
Parr Wm. & Son, Lowell, Mass.
Pechin Belting Co. (Chrome & Oak), Fairmount & Front, Phila., Pa.

15000— Bale Breakers

Firth Wm. ("Asa Lees & Co.," Ltd.), 200 Devonshire, Boston Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15001— Ball Winding Machines

FRANKLIN MACHINE CO., 1 Park, Providence, R. I.
See adv index at end of book
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

15002— Balling Machines

Curtis & Marble Machine Co., Worcester, Mass.
Draper Corp., Hopedale, Mass.
Entwistle T. C. Co., Lowell, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, Boston, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Torrance Mfg. Co., Harrison, N. J.

15003—Band Folding & Cutting Machines

Firshing John A., Utica, N. Y.

15004—Bandage Splitting & Rolling Machines

Curtis & Marble Machine Co., Worcester, Mass.

15005— Banding Machines

Draper Corp., Hopedale, Mass.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Smith Drum & Co. (Wrap), Allegheny av & 5th, Phila., Pa.

Bands (Hosiery)

See Hosiery Bands

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15006— Beamers

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Crompton & Knowles Loom Works Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Entwise T. C. Co., Lowell, Mass.
Globe Machine & Foundry Co., Church & Tackawanna, Phila, Pa.
Hughes & Russum, Oxford & Hodge, Phila., Pa.
Knapp, C. H., Paterson, N. J.
Lever Oswald Co., 13th & Cumberland, **Phila., Pa.**
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15007— Beaming Rathes

Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

15008-9— Belt Hole Guards

Draper Corp., Hopedale, Mass.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book

15010— Bleaching Machinery

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Holyoke Machine Co., Holyoke, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Jefferson E. D. & Son, 53 State, Boston, Mass.
Wallace-Tierman Co. Inc., 349 Broadway, New York
Klauder-Welden Dyeing Machine Co., Yardley, Pa.
Phila. Drying Machinery Co., 3351 Stockley, Phila., Pa.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co., Utica, N. Y.
Watson Machine Co., Paterson, N. J.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15010a— Blocks (Ribbon)

Allentown Reed Harness & Mill Supply Co., Allentown, Pa.
Hoffman J. C. Inc., 2595 3rd av, New York

15011— Bluing Machines

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15012— Bobbin Boxes

Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.

15013— Bobbin Holders

Draper Corp. ("MacColl," "Lawrence," "Rhoades"), Hopedale, Mass.
Murdock & Geb Co. ("Murdock" for Mules, Winders & Twisters), Franklin, Mass.
Roney & Rae Co. ("Little Giant"), Woonsocket, R. I.

15013a— Bobbin Printing Machines

Blandin Co., Lawrence, Mass.

15014— Bobbin Rings

Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

15015— Bobbin Winders

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
R. I. Braiding Machine Co., 228 Aborn, Providence, R. I.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Textile Machine Works, Reading, Pa.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15016— Bobbins

Allentown Bobbin Works (Fibre Head & All Wood), Allentown, Pa.
American Supply Co., 135 Washington, Providence, R. I.
Atwood, Crawford Co., Pawtucket, R. I.
Avoca Mfg. Co., Avoca, N. Y.
Baldwin Jas. Co., Manchester, N. H.
Billington Jos. H. Co., 113 Chestnut, Phila., Pa.
Bogert & Hopper, Inc. (Filler Stick), 57 Barclay, New York
See adv index at end of book
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Clover Leaf Mfg. Co., Carbondale, Pa.
Continental Fibre Co. (Coil), Newark, Del.
See adv index at end of book
Courtney D. S., Co., Chicopee, Mass.
Crandall G. H. Co. (Winder), Cohoes, N. Y.
Delaware Hard Fibre Co. (Coil, Fibre), Wilmington, Del.
See adv index at end of book
Dudley S. A., Taunton, Mass.
Eaton Hy. A. & Son, Littleton, N. H.
Estes F. B. & Sons, 364 5th av, New York
See adv index at end of book
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Frost Geo. T. & Sons, Paterson, N. J.
Hall I. A. & Co., Paterson, N. J.
Hamilton Bros. Co., Goffstown, N. H.
Hartford Machine Screw Co. Sewing Machine), Hartford, Conn.
Hartson L. M. Co. (Iron, Fibre & Wood Heads), North Windham, Conn.
Jordan Mfg. Co., Monticello, Ga.
Keystone Bobbin Works Ltd. (Silk), Allentown, Pa.
Leigh & Butler ("Wilson Bros."), 232 Summer, Boston, Mass.
Macrodi Fibre Co. (Fibre), Woonsocket, R. I.
Moore C. C., Lisbon, N. H.
Mossberg Frank Co. (Stamped Steel), Attleboro, Mass.
Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Station, Boston, Mass.
Orleans Bobbin Works, Newport, Vt.
Parker Spool & Bobbin Co. (Warp, Filling, Twisters & Speeders), Lewiston, Me.
Payne Geo. W. & Co. (Hosiery Winder), Pawtucket, R. I.
Potter Bros., South Scituate, R. I.
Shelburne Mfg. Co. (In the Rough & Finished), Shelburne, N. H.
Speed & Stephenson (Wilson & Co., Barnsley (Ltd.), 170 Summer, Boston, Mass.
Sprague L. Co., Lawrence, Mass.
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Sweet & Doyle, Cohoes, N. Y.
Tebbetts E. L. Spool Co., Locke Mills, Me.
Tompkins Bros. Co. (Winder), Syracuse, N. Y.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Burlington, Vt.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Whitefield Mfg. Co., Whitefield, N. H.
Williams J. H. Co., Millbury, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.
Woodstock Mfg. Co. (Heavy for Rope & Cordage, etc), Charleston, S. C.
Young Chas. A., Easton, N. H.

15017— Boxes (Comber)

National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.

15018—Boxes (Drawing & Roving)

Riley C. E. Co., 161 Devonshire, Boston, Mass.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.
Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15019— Boxes (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept.), 504 Equitable bldg., Wilmington, Del.
Diamond State Fibre Co. (Fibre), Bridesport, Pa.
Keystone Fibre Co., Yorklyn, Del.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
See adv index at end of book
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15020-1— Boxes (Steam)

Leslie, Elliott & Co., Paterson, N. J.
McNamara Bros. Co., Westport, Baltimore, Md.
Scannell Boiler Works, Lowell, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Watson Machine Co., Paterson, N. J.

15022—Braid Calendering Machines

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15022a—Braid Measuring Machines

Textile Machine Works, Reading, Pa.

15023— Braid Rolling Machines

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15024—Breaking Machines (Hard Waste)

Curtis & Marble Machine Co., Worcester, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15025— Breasts (Metallic)

Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15026— Brushes (Mill)

Atlanta Brush Co. ("Felco"), Atlanta, Ga.
See adv index at end of book

TEXTILE BRUSHES
For every use—Made in our own factory
Quick Repair Service
ATLANTA BRUSH CO.
ATLANTA, GA.

Bradley & Smith, 251 Pearl, New York
Cocker Weber Brush Co., 10th & Spring Garden, Phila., Pa.
Costello J. S. & Son Brush Co., 1108H Pine, St. Louis, Mo.
Felton S. A. & Son Co., Manchester, N. H.
Gaump B. F. Co., 431 S Clinton, Chicago, Ill.
Jacobus A. G. Sons, Verona, N. J.
Lahue M. M. & Co., Lowell, Mass.
Mason Brush Works, Worcester, Mass.
Milwaukee Brush Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Nebes David, Lowell, Mass.
North Chelmsford Machine & Supply Co. (Comb & Machine), North Chelmsford, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Turner J. S. Mfg. Co. (Comp & Machine), Lowell, Mass.
Voelker Philip L., 2 Bucklin, Providence, R. I.
Woonsocket Brush Co., Woonsocket, R. I.

15027— Burling Irons

American Supply Co., 135 Washington, Providence, R. I.

15028— Burr Blades

Cooper Chas. (Est. of), Bennington, Vt.
Crane Mfg. Co., Lakeport, N. H.
Tompkins Bros. Co., Syracuse, N. Y.

15029— Burring Machines

Brown Cotton Gin Co., New London, Conn.
Curtis & Marble Mach. Co. (Wool), Worcester, Mass.
Hemingway Machine Co., Lynn, Mass.
Lombard Machine Co. (Steel Ring), Worcester, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

Calendering Machines
See Index of Contents

15030—Calico Printers' Machinery

Arlington Mach. Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Waldron Jno. Co., New Brunswick, N. J.

15031— Cans (Cotton)

National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.

15032— Cans (Drying)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

15033— Cans (Dye House)

Hill James Mfg. Co. (Galvanized Iron), 52 Westfield, Providence, R. I.

15034— Cans (Mill)

Clark W. J. Co., Salem, O.
N. E. Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.

Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15035— Carbonizers

Birch Bros., Somerville, Mass.
Buhlmann A. W., 200 5th av, New York
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N Adams, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Lord, Bowler & Co., 33 Center, Cleveland, Ohio
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Proctor & Schwartz Inc. ("Proctor" Wool & Rag), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
PROCTOR & SCHWARTZ INC. ("Proctor" Wool & Rag), 7th & Tabor Road, Philadelphia, Pa.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15036— Card Attachments

Rushton-Carroll Co. ("Rushton-Carroll." Under Grid), 34 Tudor, Cambridge, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15037— Card Clothing

American Card Clothing Co., Worcester, Mass.
Ashworth Bros., Fall River, Mass.
Bagshaw W. H. Co., Lowell, Mass.
Bates E. V. Machine Co., Lowell, Mass.
Booth Benj. & Co. (Ltd.), 1717 N Bodine, Phila., Pa.
Buhlmann A. W., 200 5th av, New York
Charlotte Mfg. Co., Charlotte, N. C.
Crabb Wm. & Co., 3d av, Newark, N. J.
Davis & Furber Machine Co., N Andover, Mass.
Firth Wm. (Joseph Sykes Bros. & Watson Bros.), 200 Devonshire, Boston, Mass.
Howard Bros. Mfg. Co., Worcester, Mass.
Leigh & Butler ("Joseph Sykes Bros." & "Critchley's"), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Speed & Stephenson ("S. Halley & Son," Ltd.), 170 Summer, Boston, Mass.

15038— Card Cutting Machines

Royle John & Sons (Jacquard), Paterson, N. J.

15039—Card Grinding Machines

Barker James, 6th & Cayuga, Phila., Pa.
Entwistle T. C. Co., Lowell, Mass.
Firth Wm. (Dronsfield), 200 Devonshire, Boston, Mass.
Leigh & Butler ('Dronsfield Bros."), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Riley C. E. Co. (Mfrs.' Agts.), 161 Devonshire, Boston, Mass.
Roy B. S. & Son Co., Worcester, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15040— Card Middles

Mac-Sim-Bar Paper Co., Otsego, Mich.
Thames River Specialties Co., Uncasville, Conn.

15041—Card Repeaters (Jacquard)

Halton's Thos. Sons, Allegheny av & C, Phila., Pa.

15042—Card Stitching Machines (Jacquard)

Singer Sewing Machine Co., 149 B'way, New York

15043— Card Stretchers

Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15044— Carders' Tools

Roy B. S. & Son Co., Worcester, Mass.

15045— Cards (Cotton)

Fall River Foundry & Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Pevey Foundry Co., Lowell, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Mach. Co. (Waste), Hancock & Somerset, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Whitin Mach. Works, Whitinsville, Mass.

15046— Cards (Foss & Pevey)

Fall River Foundry & Machine Co., Fall River, Mass.
Pevey Foundry Co., Lowell, Mass.
Saco-Lowell Shops (Repairs Only), 77 Franklin, Boston, Mass.

15047— Cards (Hand)

Charlotte Mfg. Co., Charlotte, N. C.
Howard Bros. Mfg. Co. ("Midgley's Stripping), Worcester, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Watson L. S. Mfg., Leicester, Mass.

15048— Cards (Jacquard)

Case Bros., Highland Park, Conn.
Crehore Chas. F. & Sons, 87 Milk, Boston, Mass.
Lane Albert A., 73 Warren, New York
Rogers Paper Mfg. Co., South Manchester, Conn.

15049—Cards (Revolving Flat)

Firth Wm. ("Asa Lees & Co.", Ltd.), 200 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Potter & Johnston Machine Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15050—Cards (Steel Wire Stripper)

Watson L. S. Mfg. Co., Leicester, Mass.

15051—Cards (Woolen & Worsted)

American Card Clothing Co., Worcester, Mass.
Jefferson Edw. (Imp), 23H S 2nd, Phila., Pa.
Lombard Machine Co., Worcester, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Speed & Stephenson ("Henry Hirst & Sons" Ltd.), 170 Summer, Boston, Mass.
Watson L. S. Mfg. Co., Leicester, Mass.

15052— Carpet Machinery

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Parks & Woolson Mach. Co., Springfield, Vt.
Proctor & Schwartz, Inc. ("Proctor," Dryers), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15053—Carpet Printing Machines

Waldron Jno. Co., New Brunswick, N. J.

15054— Carpet Rolling Machines

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

15055— Chenille Machines

Eppler's Jno. Mach. Wks., 629 Filbert, Phila., Pa.

15056— Chinchilla Machines

Curtis & Marble Machine Co., Worcester, Mass.
Hunter James Machine Co. (Napping or Riffing), North Adams, Mass.

15057-8— Chroming Machines

Haag A. W. & Co., Reading, Pa.
Phila. Drying Machy Co., 3351 Stockley, Phila., Pa.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.

15059—Cloth Brushing Machines

Ardrey S. B. & Sons, Bristol, Pa.
Curtis & Marble Machine Co., Worcester, Mass.
McCreary Edw'd, Cohoes, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Thayer P. E. & Co., Pawtucket, R. I.

15060—Cloth Calendering Machines

See also Calendering Machines
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Dennis John Machine Co., Lowell, Mass.
Kilburn, Lincoln Machine Co., Fall River, Mass.
McCreary Edward, Cohoes, N. Y.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Terhune J. I. Machine Works, 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co. (Pressure & Friction), 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15061—Cloth Cutting, Folding & Winding Machines

Firsching John A., Utica, N. Y.
See adv index at end of book
Ireland Machine & Fdry. Co., Norwich, N. Y.

15062— Cloth Cutting Machines

Artos Engineering Co. (Automatic), 348 Milwaukee, Milwaukee, Wis.
Birmingham Iron Foundry ("Schofield" Buyer's Shear), Derby, Conn.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Dennis John Machine Co., Lowell, Mass.
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Maimin H. Co. ("Maimin" Electric), 251 W 19th, New York
Osann Frederick Co., 245 7th av, New York
Smith & Winchester Mfg. Co. (Hand & Power), South Windham, Conn.
Spadone Machine Co., Inc. (for Cutting on the Bias), 126 Duane, New York
U. S. Cloth Cutting Machine Co., 414 W. B'way, New York
Universal Cutter Co. (Electric), 4567 Scott av, St. Louis, Mo.
Wildman Mfg. Co. (Electric), Norristown, Pa.

15063—Cloth Expanders (Mycock's)

Leyland Thos. & Co., Readville, Boston, Mass.

15063a—Clothing Hanging Machines

Reliance Machine Works, Hedge & Plum, Philadelphia, Pa.

15064—Cloth Inspecting Machines

Alent Machine Tool Co. Inc., 479 St. Paul, Rochester, N. Y.
See adv index at end of book
Curtis & Marble Machine Co., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15065—Cloth Measuring Machines

Curtis & Marble Machine Co., Worcester, Mass.
Eastwood Benjamin Co., Paterson, N. J.
Econometer Co., Pontiac bldg., St. Louis, Mo.
Elliott & Hall, Worcester, Mass.
Firsching Jos., Utica, N. Y.
Gerry Geo. W. & Son, Athol, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Voelker Geo. W. & Co., Woonsocket, R. I.
Windle J. E., Worcester, Mass.

15066— Cloth Rolling Machines

Curtis & Marble Mach. Co., Worcester, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15067—Cloth Room Sewing Machines

Singer Sewing Mach. Co., 149 B'way, New York

15068—Cloth Stamping Machines

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15069— Cloth Stretchers

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Luther C. A. & Co., Pawtucket, R. I.
Tenney A. E. Mfg. Co., Pawtucket, R. I.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15069a— Cloth Tubes

Southern Novelty Co., Hartsville, S. C.

15070-1—Cloth Turning Machines

Firsching John A., Utica, N. Y.
Fisher Knitting Machine Co., Utica, N. Y.
McCreary Edward, Cohoes, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15072—Collarette Cutting Machines

Firsching John A. (Cutting & Windings), Utica, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15073— Comb Circles & Fallers

Bagshaw W. H. Co., Lowell, Mass.
Bradford Wool Comb Co., 1908 E Westmoreland, Phila., Pa.
Bragg Jno. I., 24 Atwood, Providence, R. I.
Crabb Wm. & Co., 3d av, Newark, N. J.
Hood R. H. Co., 1342 Gtn av, Phila., Pa.
Leigh & Butler ("Harding's"), 232 Summer, Boston, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Speed & Stephenson ("F. H. Bentham's"), 170 Summer, Boston, Mass.
Townsend Thomas, 157 Orange, Providence, R. I.
Turner J. S. Mfg. Co., Lowell, Mass.

15074— Combs (Cotton)

Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15075— Combs (Doffer)

Barker James, 6th & Cayuga, Phila., Pa.
Firth Wm., 200 Devonshire, Boston, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15076— Combs (Slasher)

American Supply Co., 135 Washington, Providence, R. I.
Andrews Loom Reed Harness Works, Spartanburg, S. C.
Charlotte Mfg. Co., Charlotte, N. C.
Emmons Loom Harness Co., Lawrence, Mass.
Gowdey J. A. Reed & Harness Mfg. Co., 1226 No Main, Providence, R. I.
McGregor & Sons, Fall River, Mass.
Scholes John & Co., Lowell, Mass.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

15077— Combs (Weavers')

Sylvester C. F. & Co., Fall River, Mass.

15078— Combs (Wool)

Bagshaw W. H. Co., Lowell, Mass.
Bradford Wool Comb Co., 1908 E Westmoreland, Phila., Pa.
Bragg Jno. L., 24 Atwood, Providence, R. I.
Jefferson Edw. (Imp.), 23H S 2nd, Phila., Pa.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Miller Wm. Co., 228 Aborn, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith Jas. & Son, Worcester, Mass.
Townsend Thomas, 157 Orange, Providence, R. I.

15079— Compass Boards

Hall I. A. & Co., Paterson, N. J.

15080— Compellators

Turner J. S. Mfg. Co., Lowell, Mass.

15081— Conditioning Ovens

Emerson Apparatus Co., 251 Causeway, Boston, Mass.

Cone Tubes
See Cop Tubes

15082— Conveyors (Stock)

Rushton-Carroll Co. ("Rushton-Carroll"), 34 Tudor, Cambridge, Mass.

15083— Conveyors (Waste End)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Rushton, Carroll Co. ("Robinson & Conley's"), 34 Tudor, Cambridge, Mass.

Cop Skewers
See Skewers

15084— Cop Tube Machinery

Eppler's Jno. Mach. Works, 629 Filbert, Phila., Pa.

15085— Cop Tubes (Paper)

American Paper Tube Co., Woonsocket, R. I.
Brown Jas. Jr. & Sons, Ring & Main, Phila., Pa.
Calder Machine Works, 420 N 3d, Phila., Pa.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Douglas Robt. D., Fall River, Mass.
Fraprie-Douglas Co., Fall River, Mass.
Lowell Paper Tube Corp., Lowell, Mass.
McCausland John, East Providence, R. I.
Pairpoint Corporation, New Bedford, Mass.
Taylor Chas. F. ("Burgess"), 57 Weybosset, Providence, R. I.

15086—Corduroy Cutting Machines

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

15087—Cotton Batting Machinery

Hunter Jas. Machine Co., N Adams, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

15088—Cotton Cord Cutting Machines

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

15089— Cotton Machinery

See also the Particular Article Required
Brigham Arthur A., Old South bldg., Boston, Mass.
Brockway & Meckensturm Mach. Co., Moodus, Conn.
Brownell G. L., Worcester, Mass.
Butterworth H. W. & Sons Co. (Finishing), 2415 E York, Phila., Pa.
Cohoes Iron Foundry & Machine Co. (Slashing Machinery of Every Description), Cohoes, N. Y.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Entwistle T. C. Co., Lowell, Mass.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Firth Wm. (Asa Lees & Co.'s), 200 Devonshire, Boston, Mass.
H & B. Am. Machine Co., Pawtucket, R. I.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Nat'l Machy. Co. (Dealers), 11 Eddy, Providence, R. I.
Parks & Woolson Mach. Co., Springfield, Vt.
Payne Geo. W. & Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Schofield Geo. L., 123 N Front, Phila., Pa.
Smith Geo. E. (Dealers), Cohoes, N. Y.
Speed & Stephenson, 170 Summer, Boston, Mass.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
Withers Foundry & Machine Works, Atlanta, Ga.
Whitin Machine Works, Whitinsville, Mass.
Whitinsville Spinning Ring Co., Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15090—Counters (Spindle Speed)

Draper Corp., Hopedale, Mass.

15091— Counters (Twist)

Scott Henry L. & Co., 101 Blackstone, Providence, R. I.

15092— Crabbing Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Hunter Jas. Machine Co., N. Adams, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15093— Creels

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Eastwood Benj. Co., Paterson, N. J.
Knapp Chas. H. (Wrapper), Paterson, N. J.
Lever Oswald Co., (Spool for Warping Mills for Lace Looms), 13th & Cumberland, Phila., Pa.
Smith & Furbush Mach. Co. ("Furbush" Cotton Waste Machy.), Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Tillotson Humidifier Co. (Revolving Ball for Worsted Mills), 78 Fountain, Providence, R. I.

15094—Crochet Machines (Red Blanket)

Merrow Machine Co., Hartford, Conn.

15095— Crocheting Machinery

Berlin Machine Works, 261 B'way, New York
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.

15096— Cuff Cutting Machines

Firsching J. A., Utica, N. Y.

15097—Cuff Machines (Flat Ribbed)

Crane Mfg. Co., Lakeport, N. H.

15098— Cut Markers

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15099—Cutters (Automatic Peg & Lace Hole)

Royle John & Sons, Paterson, N. J.

15100— Cutters (Carpet)

Reed Mfg. Co. (Foot & Belt Power), Springfield, O.

15101-2— Cutters (Chenille)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Lever Oswald Co., 13th & Cumberland, Phila., Pa.

Cutters (Cloth)
See Cutting Machine, For Fabrics

15103— Cutters (Electric)

Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
U. S. Cloth Cutting Machine Co. (Cloth "U. S."), 414 W B'way, New York

15104— Cutters (Flock)

Curtis & Marble Mach. Co., Worcester, Mass.

15105— Cutters (Gusset)

Utica Novelty & Mill Specialty Co., Utica, N. Y.

15106— Cutters (Knit Fabric)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Parsons Machinery Co., Marlboro, Mass.
Tolhurst Machine Works, Troy, N. Y.
Universal Cutter Co., 4567 Scott av, St. Louis, Mo.
Wildman Mfg. Co. (Cloth also), Norristown, Pa.

15107— Cutters (Plush)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Dennis John Machine Co., Lowell, Mass.

15108— Cutters (Rag)

Curtis & Marble Machine Co., Worcester, Mass.
Daniels Machine Co., S. Royalton, Vt.

15109— Cutters (Rib)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Cooper Charles (Est. of), Bennington, Vt.
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
McCreary Edward, Cohoes, N. Y.

15110— Cutters (Velvet)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

15111—Cylinders (Knitting Machine)

Austin Machine Works (Hardened Forged Steel), 1321 N 5th, Phila., Pa.
Brinton H. Co., 213 Race, Phila., Pa.
Stafford & Holt, Little Falls, N. Y.

15112— Cylinders (Slasher)

Cohoes Iron Foundry & Machine Co. ("Cohoes" Slashers), Cohoes, N. Y.
Mullin D. W. & Co., Lowell, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15113—Cylinders & Dials (Knitting Machine)

Austin Machine Works (Up to 24 inches in Diameter), 1321 N 5th, Phila., Pa.
Fidelity Machine & Mfg. Co., 4015 Paul, Fkd., Phila., Pa.
McMichael A., 22 Armat, Phila., Pa.
Pearce Geo. B. & Co., 2316 N 8th, Phila., Pa.

15114— Dampening Machines

American Moistening Co., 120 Franklin, Boston, Mass.
Birch Bros., Somerville, Mass.
Curtis & Marble Mach. Co., Worcester, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15115— Decoting Machines

Borchers Richard C. & Co., Fkd., Phila., Pa.

15115a— Dobby Chains

Rice-Dobby Chain Co., Millbury, Mass.

15116-7— Dobbies

Atwood Machine Co., Stonington, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.
Voelker Geo. W. & Co., Woonsocket, R. I.
Whitin Machine Works, Whitinsville, Mass.

15118— Doffing Boxes

National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Standard Fibre Co., Miller st., Somerville, Mass.

15119— Doublers

Atwood Machine Co. (Worsted & Cotton Yarn), Stonington, Conn.
Collins Bros. (Patent Trap Drum), Pawtucket, R. I.
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Hall F. A. & P., Lawrence, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Textile Machine Works, Reading, Pa.

15120— Drawing (Frame Pins)

Crabb Wm. & Co., Newark, N. J.

15121— Dressers (Cotton)

Whitin Machine Works, Whitinsville, Mass.

15122— Dressers (Thread)

Atwood Machine Co., Stonington, Conn.
Luther C. A. & Co., Pawtucket, R. I.

15123— Dressers (Warp)

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15124— Dressers (Yarn)

Franklin Machine Co., 1 Park, Providence, R. I. *See adv index at end of book*
Luther C. A. & Co., Pawtucket, R. I.

15125— Drop Wires

Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Brooks M. S. & Sons, Chester, Conn.
Hopedale Mfg. Co., Milford, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Mossberg Frank Co., Attleboro, Mass.

15126—Drums (Tapestry Printing)

Crompton & Knowles Loom Works, Worcester, Mass.

15127—Dry Poles (Enameled) for Silk Dyers

American Enamel Co., Providence, R. I.

15127a—*Dryers (Board)

PROCTOR & SCHWARTZ INC., 7th & Tabor rd, Philadelphia, Pa.

15128— Dryers (Carpet)

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
PROCTOR & SCHWARTZ INC. ("Proctor"), 7th & Tabor rd, Philadelphia, Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

15129— Dryers (Cloth)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Heathcote Jno. & Son, 212 Eddy, Providence, R. I.
Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
PROCTOR & SCHWARTZ INC. ("Practor"), 7th & Tabor rd, Philadelphia, Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co. ("Johnston" Vertical), Utica, N. Y.

15130— Dryers (Cotton)

Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
PROCTOR & SCHWARTZ INC. ("Practor"), 7th & Tabor rd, Philadelphia, Pa.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Salem Iron Works, Winston Salem, N. C.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15131— Dryers (Hair)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Philadelphia Drying Machinery Co. ("Hurcane"), 3351 Stokley, Phila., Pa.
PROCTOR & SCHWARTZ INC. ("Proctor" Fireproofing, for Tanners), 7th & Tabor rd, Philadelphia, Pa.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

15132— Dryers (Hot Air Apron)

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

15132a— Dryers (Silk)

Proctor & Schwartz Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa. *See adv index at end of book*

15133— Dryers (Underwear)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Firsching John A. (Adjustable, Vertical, also Horizontal), Utica, N. Y.
Green Fuel Economizer Co., Beacon, N. Y.
Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Proctor & Schwartz Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
Salem Iron Works, Winston Salem, N. C.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Utica Novelty & Mill Specialty Co. (Knit Goods in the Roll, Utica, N. Y.

15134— Dryers (Warp)

Butterworth H. W. & Sons Co., 2415 E York, Phila, Pa.
Phila. Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15135— Dryers (Wire Top)

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15136— Dryers (Wool)

American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Heathcote John & Son, 212 Eddy, Providence, R. I.
Hunter James Machine Co. ("Stone"), N Adams, Mass.
Phila. Drying Machinery Co. ("Hurricane"), 3351H Stokley, Phila., Pa.
PROCTOR & SCHWARTZ INC. ("Proctor"), 7th & Tabor rd, Philadelphia, Pa.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Boston, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

15137— Dryers (Yarn)

American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Green Fuel Economizer Co., Beacon, N. Y.
Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
PROCTOR & SCHWARTZ INC. ("Proctor"), 7th & Tabor rd, Philadelphia, Pa.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

15138 — Drying Machines (Copper Cylinder)

Butterworth, H. W. & Sons Co., 2415 E. York, Philadelphia, Pa.

15139-40—Drying Machines (Print Works)

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15141— Dusters (Rag)

Bagshaw W. H. Co., Lowell, Mass.
Gerry Geo. & Son, Athol, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15142—Dusters (Wool & Waste)

Curtis & Marble Machine Co., Worcester, Mass.
Gerry Geo. & Son, Athol, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Lahue M. M. & Co., Lowell, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15143— Dye Becks

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Dye Kettles

See Copper Work, Dryers

15144— Dye Tubs

American Stave & Cooperage Co., Chelsea, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Johnson & Hibbard, Westfield, Mass.
New England Tank & Tower Co., 42 Main, Everett, Mass. *See adv index at end of book*
Smith Benj. F. Co., Pawtucket, R. I.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass. *See adv index at end of book*
Terhune J. I. ("Fletcher's"), 164 Ward, Paterson, N. J.
Tolhurst Machine Works, Troy, N. Y.
Woolford G., Wool Tank Mfg. Co., Lincoln bldg, Phila., Pa.

15145— Dyeing Machinery

Adams Laundry Machinery Co., Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Columbus Truck & Supply Mfg. Co., Columbus, Ga.
Delahunty Dyeing Machine Co., Pittston, Pa.
Entwistle T. C. Co., Lowell, Mass.
Franklin Process Co. (For Cotton, Wool & Worsted Yarns), 291 Promenade, Providence, R. I.
Haag A. U. & Co., Reading, Pa.
Holyoke Machine Co., Holyoke, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Klauder-Weldon Dyeing Machine Co., Yardlery, Pa.
Leigh & Butler ("Mather & Platt"), 232 Summer, Boston, Mass.
Lorimer Machinery Co., Ontario, cor N Lawrence, Phila., Pa.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Perfection Dyeing Machine Co., Columbus, Ga.
Philadelphia Drying Machinery Co. ("Hurricane" Hosiery), 3351 Stokley, Phila., Pa.
Rome Machine & Foundry Co., Rome, Ga.
Salem Iron Works, Winston Salem, N. C.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Tolhurst Machine Works, Troy, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.
Vacuum Dyeing Mach. Co., Chattanooga, Tenn.
Waters D. F., 55 Wister, Phila., Pa.
Watson Machine Co., Paterson, N. J.

15146—Dyeing Machines (Skein)

Cocker Machine & Foundry Co., Warp, Gastonia,, N. C.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15147— Elevators (Cotton)

American Blower Co., Detroit, Mich.
Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Clarage Fan Co., North & Potter, Kalamazoo, Mich.
Continental Gin Co. (Inc.), Birmingham, Ala.
Farnham Mfg. Co., 39 Indiana, Buffalo, N Y
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

15148— Elevators (Spool)

Schnitzler Charles H., 215 N 2d, Phila., Pa.

15149— Embroidery Machines

Ahlstrom O. J., 711 B'way, New York
Dubrow & Hearne Mfg. Co. ("Lints & Eckhart"), 12 Wooster, New York

15150—Engines (Carding, Woolen & Worsted)

Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.

15151—Engravers (Copper Roll)

Baltimore Tube Co., Baltimore, Md.
Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.

ENGRAVERS (COPPER ROLL)—cont.
Highland Engraving Co., 256 Sherman, Passaic, N. J.
Hope Jno. & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

15152—Engraving Machines (Print Works)
Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.
Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

15153— Expanders (Cloth)
Birch Bros., Somerville, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15154— Extractors (Thread)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15154a— Fabric Sizing (Glue)
HEWITT C. B. & BROS., 20 Ferry, New York. *See adv index at end of book*

15154b—Feeder Clutch Attachments
Harwood Geo. S. & Son, Exchange bldg., Boston, Mass.

15155—Feeders (Automatic Self-Weighing Scale)
Harwood Geo. S. & Son ("Bramwell"), Exchange bldg., Boston, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15156— Feeds (Cloth)
Tillotson Humidifier Co. ("Whittles" Automatic, for Dryers), 78 Fountain, Providence, R. I.

15157— Feeds or Feeders
Brown Cotton Gin Co., New London, Conn.
Clark Wm. C. ("Bramwell"), Dept. H, Franklin, Mass.
Curtis & Marble Machine Co. (Picker), Worcester, Mass.
Harwood Geo. S. & Son ("Bramwell" & "Apperly"), Exchange bldg., Boston, Mass.
Hunter James Machine Co., N Adams, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Nat'l Machy. Co., 11 Eddy, Providence, R. I
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Proctor & Schwartz Inc. ("Proctor"), 7th & Tabor rd, Phila., Pa.
See adv index at end of book
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sargent's C. G. Sons Corp. (Automatic, for Cotton & Wool), Graniteville, Mass.
Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.
Smith & Furbush Machine Co. (Self-Feeds, for Wool, Worsted, Cotton or Jute, also Camel Backs, Blaniers & Apperlys for Cards), Hancock & Somerset, Phila., Pa.
Tait Geo., W Kearney, N. J.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15158— Felt Machinery
Clark Wm. C. (Trimmers, etc.), Dept. H, Franklin, Mass.
Dennis John Machine Co., Lowell, Mass.
Farrel Foundry & Machine Co. (Hardeners), Ansonia, Conn.

15159—Felting Machines (Cotton)
Ivens Wm. H. Sons, P. O. Box 647, Trenton, N. J.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15160—Finishing Machines (Carpet)
Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Mach. Co., Springfield, Vt.

15161—Finishing Machines (Cloth)
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Cameron Machine Co. (Cloth Cutting, Folding & Measuring Machine), 61 Poplar, Brooklyn, N. Y.
See adv index at end of book
Cavagnaro Jno. J., Harrison, N. J.
Curtis & Marble Machine Co., Worcester, Mass.
Gessner David Co., Worcester, Mass.
Parks & Woolson Mach. Co., Springfield, Vt.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Windle J. E., Worcester, Mass.

15162—Finishing Machines (Knit Goods)
Grosser Knitting Machine Co., 260 W B'way, New York
Merrow Machine Co. (For all Kinds of Fabrics), Hartford, Conn.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
PROCTOR & SCHWARTZ INC. ("Proctor"), 7th & Tabor rd, Philadelphia, Pa.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.
Willcox & Gibbs Sewing Machine Co., 658 B'way, New York

15163—Finishing Machines (Tape)
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15164—Finishing Machines (Wool & Worsted)
American Laundry Machinery Co., Cincinnati, O.
Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co. (Also Cotton), Worcester, Mass.
Leigh & Butler ("Mather" & "Platt"), 232 Summer, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Schuchardt & Schutte (Dry Decatizing Machine), 90 West, New York
Schwartz L. H. A. & Co. ("Paul Klug" Decating Machine), 40 Central, Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15165— Flax Machinery
Firth Wm. ("Mackie & Sons"), 200 Devonshire, Boston, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.

Fleecing Machines
See Napping Machines

15166— Flyers
See also Frames, Cotton, Fly
Calder Machine Works, 420 N 3d, Phila., Pa.
Hartson L. M. Co. (Spinners), North Windham, Conn.
Lawrence Pump & Engine Co., Lawrence, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Mayor Thos. & Son ("Bodden"), 26 Olney, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Southern Spindle & Flyer Co., Charlotte, N. C.
Speed & Stephenson ("Bairstow Bros."), 170 Summer, Boston, Mass.
Thurston A. G. & Son, Fall River, Mass.
Westcott A. A. & Sons, Hopedale, Mass.
Whitin Machine Works, Whitinsville, Mass.

15167—Folding Machines (Cloth)
Birch Bros., Somerville, Mass.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Curtis & Marble Mach. Co., Worcester, Mass.
Elliott & Hall, Worcester, Mass.
Firsching Jos., Utica, N. Y.
Grand Rapids Textile Machinery Co., Grand Rapids, Mich.
Johnson C. A. & Co., 55 Pine, Providence, R. I.
McCreary Edw., Cohoes, N. Y.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Windle J. E., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15168—Folding & Cutting Machines (Underwear)
Tolhurst Machine Works, Troy, N. Y.

15169—Folding & Measuring Machines
Cameron Machine Co. (Cloth), 61 Poplar, Brooklyn, N. Y.
See adv index at end of book
Curtis & Marble Machine Co., Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Elliott & Hall (Silk), Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15170—Frames (Cotton Drawing)
Fall River Foundry & Machine Co., Fall River, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15171—Frames (Cotton Evener Drawing)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15172— Frames (Cotton Fly)
Fall River Fdy. & Mach. Co., Fall River, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Wks., Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15173—Frames (Hand Lacing)
Royle John & Sons, Paterson, N. J.

15174— Frames (Harness)
Benazet Heddle Co. (Ltd.), 214 W Dauphin, Phila., Pa.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.

15175— Frames (Heddle)
Gibbs Heddle Co., Leicester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Steel Heddle Mfg. Co., 2110 Allegheny av, Phila., Pa.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.

15176— Frames (Intermediate)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15177— Frames (Jack)
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15177a— Frames (Quilting)
Buffalo Stretcher Mfg. Co. ("Buffalo"), 1422 Niagara, Buffalo, N. Y.
See adv index at end of book

15178— Frames (Redrawing)
Atwood Machine Co., Stonington, Conn.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15179—Frames (Ring Spinning)
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fall River Foundry & Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15180— Frames (Roving)
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston,
Speed & Stephenson, 1701 Summer, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15181— Frames (Slubbing)
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm., 200 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15182— Frames (Spinning)
See also Frames, Ring Spinning; also Frames, Wool Spinning; also Mules
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.
Jefferson Edw. (Imp.), 23H S 2nd, Phila., Pa.
Mason Machine Works, Taunton, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

Frames (Twisting)
See Twisters

15183—Frames (Wool Spinning)
See also Mules
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Fdry & Mach. Co., Fall River, Mass.
Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.

Johnson & Bassett, Worcester, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15184— Fulling Mills

Clark Wm. C., Dept. H, Franklin, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., N Adams, Mass.
Kenyon D. R. & Son, Raritan, N. J.
Utica Novelty & Mill Specialty Co. (Rotary), Utica, N. Y.

15185— Garnett Machines

Hunter Jas. Machine Co., N Adams, Mass.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

15186—Garnett & Card Machines (Combined)

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15187— Gassing Machines

Brigham Arthur A., Old South bldg, Boston, Mass.

15188— Gigs (Teasel)

Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woodson Machine Co., Springfield, Vt.

15189— Gill Screws

Hood R. H. Co., 1342 Gtn. av, Phila., Pa.

15190—Gills (Preparing & Finishing)

Bragg Jno. L., 24 Atwood, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, Boston, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.

15191— Glass Rods & Bars

Mitchell-Bissell Co. (Rods for Looms), 251 4th av, New York
Ruth Glass Co. (Bars), Conshohocken, Pa.

15192— Guide Wires

American Supply Co., 135 Washington, Providence, R. I.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Brooks M. S. & Sons, Chester, Conn.
Parker Wire Goods Co., Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co., Worcester, Mass.

15193—Guides (Porcelain & Enameled)

Mitchell-Bissell Co., 251 4th av, New York

15194— Guides (Thread)

Palmer I. E. Co. (Adjustable), Middletown, Conn.

15195— Hackle Pins

Crabb Wm. & Co., 3d av, Newark, N. J.

Hackles

See Combs, Circles & Fallers

15196— Harness Straps

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), South Attleboro, Mass.
Jacobs E. H. Mfg. Co., Danielsville, Conn.
Rhoades J. E. & Sons, 12 N 3rd, Phila., Pa.

15197— Harnesses (Loom)

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
American Loom, Harness & Reed Co., Greenville, S. C.
American Supply Co., 135 Washington, Providence, R. I.
Andrew Loom Reed Harness Works, Spartanburg, S. C.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Carruthers Robt. Co., Lowell, Mass.
Crabb Wm. & Co., 3d av, Newark, N. J.
Emmons Loom Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works, Pawtucket, R. I.
Gibbs Loom, Harness & Reed Co., Clinton, Mass.
Greenville Loom, Reed & Harness Co., Greenville, S. C.
Hall J. A. & Co., Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Harris Geo. W. Co., Lowell Mass.
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Mitchell-Bissell Co., 251 4th av, New York
Paterson Reed & Harness Co., Paterson, N. J.
Scholes John & Co., Lowell, Mass.
Street B. R. Co., 549 Washington blvd, Chicago, Ill.
Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.
Webster Loom Harness Co., Fall River, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

15198— Heck Stands

Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15199— Heddles

American Supply Co., 135 Washington, Providence, R. I.
Butcher Edwin, Worcester, Mass.
Carruthers Robt. Co., Lowell, Mass.
Emmons Loom Harness Co., Lawrence, Mass.
Firth Wm. ("R. Center Fils"), 200 Devonshire, Boston, Mass.
Gibbs Heddle Co., Leicester, Mass.
Hall I. & Co., Paterson, N. J.
Howard Bros. Mfg. Co., Worcester, Mass.
Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.
Walder Jacob, Paterson, N. J.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co, Millbury, Mass

15200— Heddles (Braided)

Emmons Loom Harness Co. ("Thibaud's"), Lawrence, Mass.
Hall I. A. & Co., Paterson, N. J.

15201— Heddles (Jacquard)

American Supply Co., 135 Washington, Providence, R. I.

15202— Heddles (Steel)

Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.
Williams J. H. Co., Millbury, Mass.

15203— Heddles (Wire)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Benazet Heddle Co. (Ltd.), 214 W Dauphin, Phila., Pa.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Gibbs Heddle Co., Leicester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Howard Bros. Mfg. Co. (Also Twin Wire German Heddles), Worcester, Mass.
Mossberg Frank Co. (Brass or Steel), Attleboro, Mass.
Watson L. S. Mfg. Co. (German Tinned & Domestic Bronze), Leicester, Mass.
Williams J. H. Co., Millbury, Mass

15204— Hoods (Slasher)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Piper J. A. Roofing Co., Greenville, S. C.

15205— Hooks (Loom)

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I.

15206— Hooks (Reed)

Ferrary Bros. Co., Paterson, N. J.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

15207—Hosiery Bands & Labels

Acme Print Co., Reading, Pa.
Albright & Shenton, Reading, Pa.
Johnson Thos. (Est. of) Lawrence & Clearfield, Phila., Pa.
Novelty Printing Co. (Inc.), 7th & Watkins, Phila., Pa.
Reis G. & Bro., 900 B'way, New York

15208— Hosiery Boards

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Clark Geo. H. & Co., Meredith, N. H.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
HEWITT C. B. & BROS., 20 Ferry, New York *See adv index at end of book*
Pearson Jos. T. & Sons Co., 1815 E Boston av, Phila., Pa.
Phila. Drying Machinery Co., 3351H Stokley, Phila., Pa.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.

Hosiery Machines

See Knitting Machines, Hosiery

15209—Hosiery Striping Attachment

Stafford & Holt (Automatic), Little Falls, N. Y.

15210— Hydro-Extractor Guards

Utica Novelty & Mill Specialty Co., Utica, N. Y.

15211— Hydro-Extractors

Adams Laundry Machinery Co. (For Clothes Wringing), Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
American Tool & Machine Co., ("Weston," for Raw Stock, Finished Goods, Underwear & Hosiery), 10 High, Boston, Mass.
Columbia Mfg. Co. (Clothes Wringing), Columbia, Pa.
Curtis & Marble Machine Co. (Horizontal), Worcester, Mass.
Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Salem Iron Works, Winston Salem, N. C.
Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.
Tolhurst Machine Works, Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Wayte W. J. (Imp.), 1 Liberty, New York

15212— Indigo Mills

Humphrey Machine Co., Keene, N. H.
Lord, Bowler & Co., Cleveland, O.
Saco-Lowell Shops (Grinders), Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Townsend Foundry & Mach. Shop Co., Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*

15213— Jack Hooks

Brooks M. S. & Sons, Chester, Conn.

15214— Jacks (Needle)

Cooper Chas. (Est. of), Bennington, Vt.

15215— Jiggers

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Mackenzie Duncan Sons Co., Trenton, N. J.
Terhune J. I. Machine Works, 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15216— Jute Cordage Machinery

See also Spinning Machinery, Jute

Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.

12517— Kiers

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
McCabe E. & Co., Lawrence, Mass.
Smith Drum & Co., Alleghany av & 5th, Phila., Pa.

15218—Knit Fabric Slitters & Rewinders

Langston Samuel M. Co., Camden, N. J.

15219—Knitting Machine Attachments

Cooper Chas. (Est. of), Bennington, Vt.
Sweet & Doyle, Cohoes, N. Y.

15220— Knitting Machinery

Acme Knitting Machine & Needle Co. ("Hemphill" "Acme"), Franklin, N. H.
Acme Pattern & Machine Co., Buffalo, N. Y.
Ainslie Knitting Machine Co. ("C. & F."), 281 Ainslie, Brooklyn, N. Y.
Ardrey S. B. & Sons, Bristol, Pa.
Brinto H. & Co. (Seamless & Ribbed), 213H Race, Phila., Pa.
Burson Knitting Co., Rockford, Ill.
Campbell & Clute Machine Co., Cohoes, N. Y.
Crane Mfg. Co., Lakeport, N. H.
Dubied Machy. Co. (Imp.), 139H Franklin, New York
Eppler's Jno. Mach. Wks. (For Upholstery, Dress & Millinery Trimmings), 629 Filbert, Phila., Pa.
Fidelity Mach. & Mfg. Co. (Circular Ribbed), 4015 Paul, Fkd., Phila., Pa.
Fisher Knitting Machine Co., Utica, N. Y.
Gearhart Knitting Machine Co., Clearfield, Pa.
General Machine Works, York, Pa.
Grosser Knitting Machine Co., 260 W B'way, New York
Hemphill Mfg. Co. ("Banner"), Central Falls, R. I. Works: Pawtucket, R. I.
Hepworth Jno. W. & Co., Lehigh av & Mascher, Phila., Pa.
Jenckes Knitting Machine Co. ("Invincible" Full Automatic Hosiery), Pawtucket, R. I.
Johnson Knitting Machine Co., St. Johnsville, N. Y.
Kilbourne Mfg. Corpn., New Brunswick, N. J.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Leighton Machine Co., Manchester, N. H.
Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.
McMichael A., 22 Armat, Phila., Pa.
Newton Edwin A., 310 N 4th, Phila., Pa.
Paxton & O'Neill, 541 N 3d, Phila., Pa.
Redin, Ekstrom & Co., Rockford, Ill.
Scott & Williams (Hosiery & Underwear), 366 B'way, New York
Spindler E. O. (Imp.), 350 B'way, New York
Stafford & Holt, Little Falls, N. Y.
Standard Machine Co., 330 N 12th, Phila., Pa.
Steber Machine Co., Utica, N. Y.
Textile Machine Works (Inc.) (Full-Fashioned), Reading, Pa.
Tompkins Bros. Co., Troy, N. Y.
Trump Bros. Machine Co. (Hosiery & Underwear), Beech & Anchorage, Wilmington, Del.
Walther Otto, Bourse bldg., Phila., Pa.
Wildman Mfg. Co., Norristown, Pa.

15221—Knitting Machines (Circular)

Fidelity Mach. & Mfg. Co., 4015 Paul, Fkd., Phila., Pa.
Fisher Knitting Machine Co., Utica, N. Y.
Leighton Machine Co., Manchester, N. H.

American Directory of the Knitting Trade

gives complete information on every Knitting Mill in the United States and Canada with classified lists of Manufacturers, Selling Agents, Jobbers, Retailers, etc. Price, $2.00.

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KNITTING MACHINES (CIRCULAR)—c't
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Paxton & O'Neill (Full Automatic), 541 N 3d, Phila., Pa.
Stafford & Holt (Automatic), Little Falls, N. Y.

15222—Knitting Machines (Hosiery)

Acme Knitting Machine & Needle Co. ("Acme" Seamless), Franklin, N. H.
Brinton H. Co. (Ribbed & Seamless), 213 Race, Phila., Pa.
Excelsior Knitting Machine Mfg. Co., Allentown, Pa.
Hemphill Co., Pawtucket, R. I.
Hirsch Louis, 220 5th av, New York
Lamb Knitting Machine Co., Chicopee Falls, Mass.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Nydegger Max ("Grosser" Full Fashioned Seamless), 260 W B'way, New York
Paxton, Price & O'Neill (Seamless), 541 N 3d, Phila., Pa.
Scott & Williams, 336 B'way, New York
Spindler E. O. (Imp), 350 B'way, New York
Standard Mach. Co., 330 N 12th, Phila., Pa.
Tompkins Bros. Co., Syracuse, N. Y.
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

15223—Knitting Machines (Rib)

Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
Cooper Chas. (Est. of) (Automatic Spring Needle), Bennington, Vt.
Fidelity Mach. & Mfg. Co., 4015 Paul, Fkd., Phila., Pa.
Fisher Knitting Machine Co., Utica, N. Y.
General Machine Works, York, Pa.
Hirsch Louis, 220 5th av, New York
Huse Warren D. & Sons, Laconia, N. H.
Leighton Machine Co., Manchester, N. H.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Ruth Machine Co., York, Pa.
Snyder Homer P. Mfg. Co., Little Falls, N. Y.
Stafford & Holt (Automatic Circular), Little Falls, N. Y.
Wildman Mfg. Co. (Circular), Norristown, Pa.

15224-5—Knitting Machines (Seamless)

Acme Knitting Machine & Needle Co. ("Acme," "Hemphill"), Franklin, N. H.
Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
National Automatic Knitter Co. (Also Lace Effects), 2725 Mutter, Phila., Pa.
Paxton, Price & O'Neill (Automatic Machines), 541 N 3d, Phila., Pa.
Scott & Williams (Automatic Hosiery), 366 B'way, New York
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

15226— Lace Machines

Chauvet & Coulter Co., 245 7th av, New York
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.
Lynwood Mfg. Co. (Ribbers), Hancock & Westmoreland, Phila., Pa.
Spindler E. O. (Imp), 350 B'way, New York
Textile Finishing Machinery Co. (Bleaching & Finishing), 171 Westminster, Providence, R. I.

15227—Lacers (Automatic Lock & Loop Stitch)

Royle John & Sons, Paterson, N. J.

15228— Lease Rods

American Enamel Co. (Enameled), Neville, Providence, R. I.

15229— Lifting Rod Cleaners

Draper Corp. ("Shaw & Flinn's"), Hopedale, Mass.

15230—Liquid Bleach Apparatus

Electro Chemical Co., Dayton, O.

15231— Loom Attachments

Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benjamin Co., Paterson, N. J.
Lahue M. M. & Co., Lowell, Mass.
Stafford Co., Readville, Mass.

15232— Loom Crank Shafts

Babbitt Bros., Fairhaven, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.

15233— Loom Forks

Brown Bros. Co., 62 Exchange pl, Providence, R. I.
English C. R. Co., 167 Oliver, Boston, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

15234—Loom Frictions (Cork Insert)

Cork Insert Co., 164 Federal, Boston, Mass.

15235— *Loom Knives

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

15236— Loom Lingoes

Allentown Reed Harness & Mill Supply Co., Allentown, Pa.
Hall I. A. & Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.

15237— Loom Strapping

American Supply Co., 135 Washington, Providence, R. I.
Barlow John W. Co., Lawrence, Mass.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), So. Attleboro, Mass.
Graton & Knight Mfg. Co. (Rawhide), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hall I. A. & Co. (Estate of), Paterson, N. J.
Jacobs E. H. Mfg. Co., Danielson, Conn.
Lahue M. M. & Co. (Steel Lug Straps & Friction Bands for Warp Beams), Lowell, Mass.
Milliken L. W. & Son, Franklin, Mass.
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Van Riper Mfg. Co., Paterson, N. J.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Whiting Henry F., Lowell, Mass.

15238— Loom Temples

Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Dutcher"), Hopedale,

15239— Looms

Alvord Clinton, 7 Summer, Worcester, Mass.
Crompton & Knowles Loom Works (Automatic), Worcester, Mass.
Draper Corp. ("Northrop"), Hopedale, Mass.
Eastwood Benj. Co., Paterson, N. J.
Greenville Loom, Reid & Harness Co., Greenville, S. C.
Hopedale Mfg. Co., Milford, Mass.
Hughes & Russum (All Kinds), Oxford & Hedge, Phila., Pa.
Insinger Co., Stenton av, Phila., Pa.
Jefferson Edw. (Imp.), 23H S 2nd, Phila., Pa.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Lyall J. & W., Passaic, N. J.
Mason Machine Wks. (Automatic), Dept. H, Taunton, Mass.
Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.
Stafford Co. (Automatic), Readville, Mass.
Whitin Machine Works, Whitinsville, Mass.
Widmer Bros., Paterson, N. J.

15240— Looms (Axminster)

Crompton & Knowles Loom Works, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.
Worcester Loom Works (Wide), 7 Summer, Worcester, Mass.

15241— Looms (Bag)

Crompton & Knowles Loom Works, Worcester, Mass.
Stafford Co. ("Ideal" Automatic), Readville, Mass.

15242— Looms (Broad)

Eastwood Benj. Co., Paterson, N. J.

15243— Looms (Carpet)

Chief Mfg. Co., Indianapolis, Ind.
Crompton & Knowles Loom Works, Worcester, Mass.
Giant Mfg. Co., Council Bluffs, Ia.
Leigh & Butler, 232 Summer, Boston, Mass.
Lyall J. & W., Passaic, N. J.
Reed Mfg. Co., Springfield, O.
Worcester Loom Works (Wm. Smith & Bros.), Worcester, Mass.

15244— Looms (Cassimere)

Crompton & Knowles Loom Works, Worcester, Mass.

15245— Looms (Circular)

Royle John & Sons (Inc.) ("De Laski" for Hose Jackets), Paterson, N. J.

15246— Looms (Cotton)

Crompton & Knowles Loom Works, Worcester, Mass.
Fall River Fdry. & Machine Co., Fall River, Mass.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.
Whitin Machine Works, Whitinsville, Mass,

15247—Looms (Cotton Blanket)

Crompton & Knowles Loom Works, Worcester, Mass.

15248— Looms (Cotton Duck)

Poole Engng. & Mach. Co., Woodberry sta, Baltimore, Md.
Stafford Co. ("Ideal" Automatic), Readville, Mass.

15249— Looms (Curtain)

Crompton & Knowles Loom Works, Worcester, Mass.

15250— Looms (Dress Goods)

Crompton & Knowles Loom Works, Worcester, Mass.

15251— Looms (Embroidery)

Walther Otto (Mfrs.' Agent), Bourse, Phila., Pa.

15252— Looms (Fancy)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Oxford & Hodge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Stafford Co., Readville, Mass.

15253— Looms (Felting)

Crompton & Knowles Loom Works, Worcester, Mass.

15254— Looms (Fire Hose)

Kilburn Lincoln Machine Co., Fall River, Mass.
Royle John & Sons (Inc.) ("De Laske"), Paterson, N. J.

15255— Looms (Gingham)

Crompton & Knowles Loom Works, Worcester, Mass.

15256— Looms (Goring)

Crompton & Knowles Loom Works, Worcester, Mass.

15257— Looms (Jacquard)

Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.

15258— Looms (Jean)

Crompton & Knowles Loom Works, Worcester, Mass.

15259— Looms (Jute Carpet)

Crompton & Knowles Loom Works, Worcester, Mass.

15260— Looms (Plush)

Crompton & Knowles Loom Works, Worcester, Mass.

15261—Looms (Rag Carpet & Rug)

Newcomb Loom Co., Davenport, Ia.

15262— Looms (Ribbon)

Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.
Widmer Bros., Paterson, N. J.

15263— Looms (Rug)

Chief Mfg. Co., Indianapolis, Ind.
Crompton & Knowles Loom Works, Worcester, Mass.
Giant Mfg. Co., Council Bluffs, Ia.
Reed Mfg. Co., Springfield, O.

15264— Looms (Silk)

Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Hughes & Russum, Oxford & Hodge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.

15265— Looms (Suspender)

Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N American & Glenwood av, Phila., Pa.

15265a— Looms (Tire Fabric)

Crompton & Knowles Loom Works, Worcester, Mass.

15266— Looms (Upholstery)

Crompton & Knowles Loom Works, Worcester, Mass.

15267— Looms (Velvet)

Crompton & Knowles Loom Works, Worcester, Mass.

15268— Looms (Webbing)

Crompton & Knowles Loom Works, Worcester, Mass.
Kilburn Lincoln Machine Co., Fall River, Mass.

15269— Looms (Woolen)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Oxford & Hodge, Phila., Pa.
Leigh & Butler, 232 Summer, Boston, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, Ohio

15270— Looms (Worsted)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Oxford & Hodge, Phila., Pa.
Leigh & Butler, 232 Summer, Boston, Mass.
Stafford Co., Readville, Mass.

15271— Loopers

Arguto Oilless Bearing Co. ("Raolwind-Arguto"), 149 Berkley, Wayne Junct., Phila., Pa.
Beattie Mfg. Co., Cohoes, N. Y.
Campbell & Clute Machine Co., Cohoes, N. Y.
Grosser Knitting Mach. Co., 260 W B'way, New York
Hepworth Jno. W. & Co., Lehigh & Mascher, Phila., Pa.
Leighton Machine Co., Manchester, N. H.
Southern Textile Machinery Co., Paducah, Ky.

15272— Lug Straps

Bond Chas. Co., 617 Arch, Phila., Pa.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Houghton E. F. & Co. ("Houghton's Patent Rockers"), 240 W Somerset, Phila., Pa.
Jacob E. H. Mfg. Co. ("Very Best," "Crescent," "Star"), Danielson, Conn.
Milliken L. W. & Son (Duck, Ticking & Leather), Franklin, Mass.
Rhoads J. E. & Sons, 12 N 3rd, Phila., Pa.
Victor-Balata & Textile Belting Co. "V. B." ("Victor-Balata"), 33 Murray, New York

15273— Lumpers

Clark Wm. C., Dept. H, Franklin, Mass.
Gerry Geo. & Son, Athol, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15274— Mails (Brass & Steel)

Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.

15275— Mantle Knittings

Knit Goods Specialty Co. (All Styles), Chicopee Falls, Mass.

15276— Mercerizing Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Son Co., 2415 E York, Phila., Pa.
Klauder-Weldon Dyeing Machine Co., Yardley, Pa.
Smith Drum & Co. (Warp & Skein), Alleghany av & 5th, Phila., Pa.
Textile Finishing Machinery Co. (Cloth or Yarn), 171 Westminster, Providence, R. I.

15277— Mill Soaps

American Soap & Washoline Co., Cohoes, N. Y.
American Textile Soap Co., Springfield, Mass.
Dobbins Soap Mfg. Co., 119 S 4th, Phila., Pa.
Draper J. O. Co., Pawtucket, R. I.
Eastern Supply Co. (Palm & Olive Oil), 2 Canterbury, Worcester, Mass.
Eavenson J. & Sons, Camden, N. J.
Eavenson J. & Sons, Del. & Penn av, Phila., Pa.
Farrington William U. (Est. of), E Greenwich, R. I.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fox Chas. J., 313 S Philip, Phila., Pa.
General Adhesive Mfg. Co., Inc. (For Textile), 469 Greenwich, New York
Harding H. C., Sedgley av & W 17th, Phila., Pa.
Hersom Thos. & Co. (Powder), New Bedford, Mass.
Holbrook Mfg. Co., 17th, Jersey City, N. J.
India Alkali Wks., 28 India Wharf, Boston, Mass.
Jaeck Louis Co., 257 Front, New York
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.
Kenney F. Mfg. Co., 363 Dorchester av, Boston, Mass.
Kerkeslager M. W., 17th & Sedgley av, Phila., Pa.
O. K. Soap Co., 968 Franklin, Phila., Pa.
Phila. Textile Chem. Wks., Arrott & Reading RR., Frankford, Phila., Pa.
Portsmouth Cotton Oil Refining Corp. (Cotton Seed), Portsmouth, Va.
Rome Soap Mfg. Co., Rome, N. Y.
Royal Chemical Co., Phenix, R. I.
Specification Soap & Oil Co., 427 W 13th, New York
Standard Soap Co., Camden, N. J.
Warren Soap Mfg. Co., 77 Summer, Boston, Mass.
White & Bagley Co., Worcester, Mass.
Woodley Soap Mfg. Co., 33 Norfolk av, Rox, Boston, Mass.

Mill Supplies (Textile)

See Mill & Factory Supplies

Mill Wire Goods

See Drop Wires, also Guide Wires

15278-9—Moistening Apparatus (Air)

American Moistening Co., 120 Franklin, Boston, Mass.
Braun-Knecht-Heimann Co. (Brown-Duvel), 576-584 Mission, San Francisco, Cal.
Carrier Engg. Corp., 39 Cortlandt, New York
Emmons Collins Mach. Co., Western Springs, Ill.
Garland Mfg. Co., Saco, Me.
Green Fuel Economizer Co., Beacon, N. Y.
Normalair Co., Winston-Salem, N. C.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Turner J. S. Mfg. Co., Lowell, Mass.

15280— Motions (Doffer Comb)

Barker Jas., 6th & Cayuga, Phila., Pa.

15281—Motions (Drawing Frame Stop)

Riley C. E. Co., 161 Devonshire, Boston, Mass.

15282— Motions (Evener)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15283—Motions (Knitting Machine Stop)

Crawford Mfg. Co., New Brunswick, N. J.
General Machine Works, York, Pa.
Ruth Machine Co., York, Pa.
Wildman Mfg. Co., Norristown, Pa.

15284— Motions (Loom Stop)

Draper Corp. (Loom Warp Stop), Hopedale, Mass.
Mossberg Frank Co. (& parts), Attleboro, Mass.

15285-6—Motions (Selvage)

Crompton & Knowles Loom Works, Worcester, Mass.

15287— Motions (Spooler Stop)

Fall River Foundry & Machine Co., Fall River, Mass.
Schock Gustav & Son, 514 W 57th, New York

15288— Motions (Twister Stop)

Draper Corp. ("Smith's"), Hopedale, Mass.

15289— Motions (Warp Stop)

Coldwell Gildard Co. ("C. & G."), 95 Milk, Boston, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp., Hopedale, Mass.
Hopedale Mfg. Co., Milford, Mass.
Mossberg Wrench Co. ("Kip Armstrong" Electric), 25 Charles, Providence, R. I.
Stafford Co., Readville, Mass.

15290— Mule Attachments

Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
Bagshaw W. H. Co., Lowell, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.

15291— Mules (Cotton)

Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
Bagshaw W. H. Co., Lowell, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm. (Asa Lees & Co. Ltd.), 200 Devonshire, Boston, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Riley C. E. Co. ("Threlfal" Self-Acting), 161 Devonshire, Boston, Mass.

15292— Mules (Self-Acting)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Firth Wm. (Asa Lees & Co. Ltd.), 200 Devonshire, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith & Furbush Mach. Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15293— Mules (Woolen)

American Loom, Harness & Reed Co., Greenville, S. C.
Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Riley C. E. Co. (Self-Acting), 161 Devonshire, Boston, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15294— Mules (Worsted)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Birch Bros., Somerville, Mass.
Borchers Rich'd C. & Co., Womrath & Tackawanna Fkd., Phila., Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm. (Asa Lees Co. Ltd.), 200 Devonshire, Boston, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Riley C. E. Co. (Self-Acting), 161 Devonshire, Boston, Mass.

15295— Napping Machines

Ardrey S. B. & Sons, Bristol, Pa.
Birch Bros., Somerville, Mass.
Borchers Richard C. & Co., Womrath & Tackawanna, Fdk., Phila., Pa.
Buhlmann A. W., 200 5th av, New York
Curtis & Marble Mach. Co., Worcester, Mass.
Davis & Furber Machine Co. (Planetry), North Andover, Mass.
Gerry Geo. W. & Son, Athol, Mass.
Gessner David Co., Worcester, Mass.
Hunter James Machine Co. (Chinchilla Napping or Kiffling), North Adams, Mass.
McCreary Edw., Cohoes, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Stafford & Holt, Little Falls, N. Y.
Woonsocket Napping Machinery Co., Woonsocket, R. I.

15296— Neck Marking Machines

Firsching John A., Utica, N. Y.
Fisher-Knitting Machine Co., Utica, N. Y.
Utica Novelty & Mill Specialty Co. (Electric Headed), Utica, N. Y.

15297— Needles (Comber)

Bragg John I., 24 Atwood, Providence, R. I.
Crabb Wm. & Co., 3rd av, Newark, N. J.
Pennebaker-Turley, Chattanooga, Tenn.
Townsend Thos., 157 Orange, Providence, R. I.

15298—Needles (Knitting Machines)

Acme Knitting Machine & Needle Co., Franklin, N. H.
Adams G. H. Co., Hill, N. H.
Beckert Needle & Supply Co., 4929 Green, Phila., Pa.
Brinton H. Co., 213 Race, Phila., Pa.
Cooper Chas. (Est. of), Bennington, Vt.
Corey Wm. Co., Manchester, N. H.
Currier Needle Co., Manchester, N. H.
Ives Loyal T. Co., New Brunswick, N. J.
Laconia Needle Co., Laconia, N. H.
Lydall H. & Foulds, Manchester, Conn.
Manufacturers' Supplies Co., Juniper & Cherry, Phila., Pa.
Page Needle Co., Chicapee Falls, Mass.
Potter Fred J. (Spring Beard), New Brunswick, N. J.
TORRINGTON CO., THE EXCELSIOR PLANT, Successor to Excelsior Needle Co. ("Excelsior" Latch), Torrington, Conn. *See adv index at end of book*

15299— Needles (Latch)

Acme Knitting Machine & Needle Co., Franklin, N. H.
Adams Geo. H. Co., Hill, N. H.

NEEDLES (LATCH)—continued
Continental Latch Needle Co. ("Heaton"), 120 Liberty, New York
Cooper Chas. (Est. of), Bennington, Vt.
Corey Wm. Co., Manchester, N. H.
Crane Mfg. Co., Lakeport, N. H.
Franklin Needle Co., Franklin, N. H.
Keystone Latch Needle Co. (Spring Bottom), 543 W Lehigh av, Phila., Pa.
Laconia Needle Co., Laconia, N. H.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Page Needle Co., Chicopee Falls, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, Successor to Excelsior Needle Co. ("Excelsior"), Torrington, Conn.
See adv index at end of book

15300—Needles (Sewing Machine)
National Sewing Machine Co., Belvidere, Ill.
Singer Sewing Machine Co., 149 B'way, New York
Thornton John Jr. ("Jas. Smith & Son," "Cleopatra" Imp.), 108 Worth, New York
Tompkins Bros. Co., Troy, N. Y.
Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co. ("Excelsior"), Torrington, Conn.
See adv index at end of book

15301—Needles (Spring Knitting)
American Spring Needle Works, New Britain, Conn.
Breedon's Wm. Son, Amsterdam, N. Y.
Cooper Chas. (Est. of), Bennington, Vt.
Crane Mfg. Co., Lakeport, N. H.
Ives Loyal T. Co., New Brunswick, N. J.
Lydall H. & Foulds, Manchester, Conn.
Tompkins Bros. Co., Troy, N. Y.

15301a— Oil Rings
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

15302—Openers & Feeders (Wool Washer)
Harwood Geo. S. & Son, Exchange bldg., Boston, Mass.

15303-4—Openers & Lappers (Cotton)
Birch Bros. (Conical Openers), Somerville, Mass.
H. & B. Am. Machine Co., Pawtucket, R.I.
Leigh & Butler ("Platt"), 232 Summer, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston,
tucket, R. I.
Potter & Johnston Machine Co., Paw-
Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

Overseaming Machines
See Sewing Machines

15305— Oxidizing Machines
Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.

15306— Padding Machines
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15307— Piano Machines
Royle John & Sons (Jacquard Card), Paterson, N. J.

15308— Picker Leather
American Supply Co., 135 Washington, Providence, R. I.
Billington Jas. H. Co. (Imp.), 113 Chestnut, Phila., Pa.
Bond Chas. Co. (Imp.), 617 Arch, Phila., Pa.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), ("Excelsior" Raw Hide), S Attleboro, Mass.
Foulds I. & Son, Hudson, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Holbrook Raw Hide Co. ("Tenax"), 748 N Main, Providence, R. I.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Norwich Belt Mfg. Co. ("Tan-Bo" Rawhide), Norwich, Conn.
Page Belting Co., Concord, N. H.
Pechin Belting Co., Fairmount & Front, Phila., Pa.
Shultz Belting Co., Fourth & Barton, St. Louis, Mo.
Van Riper Mfg. Co., Paterson, N. J.

15309— Picker Parts
Crabb Wm. & Co., 3d av, Newark, N. J.
Dodge Chas. S., Lowell, Mass.

15310— Picker Pins
Bagshaw W. H. Co., Lowell, Mass.
Dodge C. S. (Hot Forged), Lowell, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15311— Picker Sticks
Brusher J. B., Norristown, Pa.
Keith J. M. & Co. (Hickory), Eastford, Conn.
Loveland, L. H. Co., Rumney, N. H.
Nashua Spool & Bobbin Co. (Hickory), Grove Hall Station, Boston, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver Boston, Mass. *See adv index at end of book*
Strock L. W. & Co., Bethlehem, Pa.
Tatem J. B. & Son, Putnam, Conn.
Torrey Bros. Co., Central Village, Conn.
Warlick & Sherrill Co., Granite Falls, N. C.

15312— Picker Teeth
Crabb Wm. & Co., 3d av, Newark, N. J.

15313— Pickers (Burr)
Brown Cotton Gin Co. ("Parkhurst"), New London, Conn.
Curtis & Marble Machine Co. ("Goddard," "Parkhurst"), Worcester, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15314— Pickers (Cotton)
Clark Wm. C., Dept. H, Franklin, Mass.
Curtis & Marble Mach. Co., Worcester, Mass.
Garland Mfg. Co., Saco, Me.
H. & B. Am. Machine Co., Pawtucket, R. I.
Potter & Johnston Mach. Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Schofield Wm. C., Krams ab. Wilde, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Whitin Mach. Works, Whitinsville, Mass.

15315— Pickers (Cotton Filled)
Wilkins Mfg. Co., Woonsocket, R. I.

15316— Pickers (Hair)
Curtis & Marble Machine Co. ("Atlas"), Worcester, Mass.
Ehrsam J. B. & Sons' Mfg. Co., Enterprise, Kans.
Harrington Geo. S. Co., 77 Washington, No. Boston, Mass.
Smith & Furbush Machine Co. (Improved Opener & Cleaner), Hancock & Somerset, Phila., Pa.
Wilcomb Geo. Co. ("Prize"), 60 Chardon, Boston, Mass.

15317— Pickers (Loom)
Akron Belting Co. (Leather), Akron, O.
Allentown Reed Harness & Mill Supply Co., Allentown, Pa.
American Supply Co. (Leather), 135 Washington, Providence, R. I.
Barlow John W. Co., Lawrence, Mass.
Billington Jas. H. Co., 113 Chestnut, Phila., Pa.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Coupe Wm. Co. (Ltd.), So. Attleboro, Mass.
Crane Bros., Westfield, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Garland Mfg. Co., Saco, Me.
Holbrook Raw Hide Co. (Rawhide), 748 N Main, Providence, R. I.
Hudson Belting Co. (Leather), 3 Eaton pl, Worcester, Mass.
Jacobs E. H. Mfg. Co. ("Northrop," "XXCY," "Surpass WX," "B. G. D." "Daisy"), Danielson, Conn.
Kimball L. S. (Leather), Lowell, Mass.
Milliken L. W. & Son, Franklin, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Union Belt Co., Fall River, Mass.
Whitin Machine Works ("Atherton"), Whitinsville, Mass.

15318— Pickers (Mixing)
Brown Cotton Gin Co., New London, Conn.
Clark Wm. C., Dept. H, Franklin, Mass.
Curtis & Marble Machine Co. ("Atlas," "Fearnaught"), Worcester, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15319—Pickers (Rag or Shoddy)
Brierly-Lombard Co., Worcester, Mass.
Clark Wm. C., Dept. H, Franklin, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Dodge C. S., Lowell, Mass.
Gerry Geo. & Son, Athol, Mass.
Lombard Machine Co., Worcester, Mass.
Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

15320—Pickers & Cleaners (Stock)
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15321— Pins (Cast Steel)
Hood R. H. Co. ("English"), 1842 Germantown av, Phila., Pa.

15322—Plaiting & Fluting Machines
Ahlstrom O. J., 711 B'way, New York
Chandler Machine Co., Ayer, Mass.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Lindner & Vradenburgh, 239 Centre, New York
Maxant Button Supply Co., 118 S Clinton, Chicago, Ill.

15323— Press Papers & Boards
Case Brothers, Highland Park, Conn.
HEWITT C. B. & BROS., 20 Ferry, New York *See adv index at end of book*
Merwin Paper Co., Hartford, Conn.
Rogers Paper Mfg. Co., South Manchester, Conn.
Wolf Bros., 330 N 12th, Philadelphia, Pa.

15324— Pressers & Flyers
Baker Mach. Co., New Bedford, Mass.

15324a— Presses (Baling Cloth)
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
DUNNING & BOSCHERT PRESS CO., 378 West Water, Syracuse, N. Y.
See adv index at end of book

15325— Presses (Cloth)
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
See adv index at end of book.
Nashua Steam Press & Boiler Wks, Nashua, N. H.

15326-7-8—Presses (Cloth, Rotary Steam)
Curtis & Marble Machine Co., Worcester, Mass.
Fisher Knitting Machine Co., Utica, N. Y.
Voelker Geo. W. & Co., Woonsocket, R. I.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

Presses (Steam)
See Presses, Cloth, Rotary Steam

15329—Pumicing Machines (Worsted)
Curtis & Marble Machine Co., Worcester, Mass.

15330— Quillers
Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co. ("Silk"), Paterson, N. J.
Foster Machine Co., Westfield, Mass.
Lever, Oswald Co. (Cross Traverse), 13th & Cumberland, Phila., Pa.
North Chelmsford Machine & Supply Co. (Yarn), North Chelmsford, Mass.
Payne Geo. W. & Co. (Upright), Pawtucket, R. I.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
Whitin Machine Works ("Long Chain"), Whitinsville, Mass

15331— Quills
Allentown Reed Harness & Mill Supply Co., Allentown, Pa.
Hall I. A. & Co., Paterson, N. J.
Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.

15332— Railway Heads
Fall River Foundry & Machine Co., Fall River, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15333— Rashel Machines
Grosser Knitting Machine Co., 260 W B'way, New York
Spindler E. O. (Imp), 350 B'way, New York

15334-5— Ravelers
American Raveller Co., Philmont, N. Y.
Brown E. H. Mfg. Co., Troy, N. Y.

15336— Reeds
Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
American Loom, Harness & Reed Co., Greenville, S. C.
American Supply Co. (Loom), 135 Washington, Providence, R. I.
Andrews' Loom Reed Harness Works, Spartanburg, S. C.
Baldwin Jas. Co., Manchester, N. H.
Benazet Heddle Co. (Ltd.), 214 W Dauphin, Phila., Pa.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Carruthers Robt. Co., Lowell, Mass.
Charlotte Mfg. Co., Charlotte, N. C.
Crabb William & Co., 3d av, Newark, N. J.
Emmons Loom Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works, Pawtucket, R. I.
Fearnley Arthur J., Fall River, Mass.

Gibbs Loom, Harness & Reed Co., Clinton, Mass.
Goss J. & E., Fall River, Mass.
Gowdey J. A. Reed & Harness Mfg. Co., 1226 N Main, Providence, R. I.
Greenville Loom Reed & Harness Co., Greenville, S. C.
Hall I. A. & Co., Estate of, Paterson, N. J.
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Larkin Reed Co., Danielson, Conn.
Luther Reed Mfg. Co., Fall River, Mass.
McGregor & Sons, Fall River, Mass.
Paterson Reed & Harness Co., Paterson, N. J.
Schmidt H. E. & Co. (Loom), New Bedford, Mass.
Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.
Walker Mfg. Co., Kensington & Ontario, **Philadelphia, Pa.**
Whitaker Reed Co., Worcester, Mass.
Wilkins Mfg. Co., Woonsocket, R. I.
Williams J. H. Co. (Loom), Millbury, Mass.

15337— Reel Cabling Machines

New England Butt Co., 304 Pearl, Providence, R. I.

15338— Reels

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Am. Tube & Stamping Co. (Pressed-Steel), Dept. H, Bridgeport, Conn.
Draper Corp., Hopedale, Mass.
Firth Wm. ("Stubbs"), 200 Devonshire, Boston, Mass.
Hopedale Mfg. Co., Milford, Mass.
Lever Oswald Co., 13th & Cumberland, **Philadelphia, Pa.**
Lindsay, Hyde & Co., 2130 E York, Phila., Pa.
Luther C. A. & Co. (Thread & Yarn), Pawtucket, R. I.
Modern Broom Machy. Co. (Twine), Dept. H, Davenport, Ia.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Scott Henry L. & Co. (Roving), 101 Blackstone, Providence, R. I.
Sipp Machine Co. (Power), Paterson, N. J.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

15338a—Reels (Roving)

Scott Hy. L. & Co., 101 Blackstone, Providence, R. I.

15339—Reels (Skeining & Measuring)

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15340— Reels (Testing)

Sipp Machine Co., Paterson, N. J.

15341— Reels (Yarn)

Brown & Sharpe Mfg. Co., Providence, R. I.
Diamond Textile Machine Works, 1820 N **10th, Philadelphia, Pa.**
Firth Wm. (Goodbrandt & Co.), 200 Devonshire, Boston, Mass.
Lever Oswald Co., 13th & Cumberland, **Philadelphia, Pa.**
Luther C. A. & Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, **Mass.**
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, **Mass.**

15342— Regulators (Evener)

Saco-Lowell Shops ("Britton"), 77 Franklin, Boston, Mass.

15343—Rib Cutting & Folding Machines

Cooper Chas. (Est. of), (Automatic), Bennington, Vt.

15344— Roll Coverers

Aubertin Jos. F., New Bedford, Mass.
Barlow Jno. W. Co., Lawrence, Mass.
Bridge Jno., Chester, Pa.
Cummings Geo. & Son, Fall River, Mass.
Davis & McLane Mfg. Co., Fall River, Mass.
Dickey Belting Co., Lewiston, Me.
Godfrey E. J. Co., North Adams, Mass.
Godfrey & Bolger, Adams, Mass.
Hathaway O. H. Co., Central Falls, R. I.
Holyoke Machine Co., Holyoke, Mass.
Hood R. H. Co., 1842 Gtn. av, Phila., Pa.
Houghton E. F. & Co. ("Vim" Leather), 240 Somerset, Phila., Pa.
Lakey C. T., Georgiaville, R. I.
McLanathan F. W. & Son, Lawrence, Mass.
Marsland James, Lawrence, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Pechin Belting Co., Orchard & Torsdale, Phila., Pa.
Rowton H. A., Fitchburg, Mass.
Skinner C. E. & J. F., Valley Falls, R. I.
Tripp Jno. & Co., Lowell, Mass.
Turner J. S. Mfg. Co., Lowell, Mass.
Union Belt Co., Fall River, Mass.
Wainwright R., Westpoint, Ga.
Wetherell Orrin B. & Son Fall River, Mass.

15345— Roll Coverers' Tools

American Supply Co., 135 Washington, Providence, R. I.
Dennis John Machine Co., Lowell, Mass.

15346—Roller Covering Machines

Turner J. S. Mfg. Co. ("Turner's" Worsted), Lowell, Mass.

15347— Roller Leather

English C. R. Co., 167 Oliver, Boston, Mass.
Foulds I. & Son, Hudson, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

15348— Roller Skins

American Supply Co., 135 Washington, Providence, R. I.
Firth Wm. (Kershaw & Sons), 200 Devonshire, Boston, Mass.
Spencer Wilton H. (Imported English), 11 Exchange pl, Providence, R. I.
Stone C. Moulton Co., 456 Benefit, Providence, R. I.

15349—Rollers (Copper Printing)

Taunton-New Bedford Copper Co., Taunton, Mass.
Textile Finishing Machy Co., 171 Westminster, Providence, R. I.

15350— Rolls (Card Feed)

See also Feeds

Adams J. T., Lowell, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Harwood Geo. S. & Son, Exchange bldg., Boston, Mass.
Hood R. H. Co. ("Harding's" Intersecting"), 1842 Gtn. av, Phila., Pa.
Smith & Furbush Machine Co. (Metallic), Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15351— Rolls (Fluted)

Leigh & Butler, 232 Summer, Boston, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Thurston A. G. & Son, Fall River, Mass.
Whitin Machine Works, Whitinsville, Mass.

15352—Rolls (Metallic Drawing)

Metallic Drawing Roll Co., Indian Orchard, Mass.

15353— Rolls (Temple)

Draper Corp., Hopedale, Mass.
Hopedale Mfg. Co., Milford, Mass.

15354— Rotary Gills

Bagshaw W. H. Co., Lowell, Mass.

15355— Rovers & Reducers

Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.

15356— Saddles (Lubricating)

Dixon Lubricating Saddle Co., Bristol, R. I.

15357—Saddles & Fixtures (Tension)

Arguto Oilless Bearing Co. ("Arguto" for Cotton & Woolen Spinning Frames), 149 Berkley, Wayne Junct., Phila., Pa.

15358— Sample Card Machines

American Numbering Machine Co. (Numbering), 224 Shepherd av, Brooklyn, **N. Y.**

15359— Sanding Machines

Curtis & Martin Machine Co. (Club), Worcester, Mass.
Kent Vacuum Cleaner Co. ("Utility") Rome, N. Y.
Parks & Woolson Mach. Co., Springfield, Vt.

15360— Scales (Band Tension)

Draper Corp., Hopedale, Mass.

15361— Scales (Dramming)

Sipp Machine Co., Paterson, N. J.

15362—Scales (Garment, Lever Balance)

Sweet & Doyle, Cohoes, N. Y.

15363— Scales (Yarn)

Brown & Sharpe Mfg. Co., Providence, R. I.
Fairbanks Co., 416 Broome, New York
Sipp Machine Co., Paterson, N. J.
Sweet & Doyle, Cohoes, N. Y.

15364— Scallop Machines

Merrow Machine Co., Hartford, Conn.
National Automatic Knitter Co., 2735 Mutter, Philadelphia, Pa.

15365— Scarfing Machines

Luther C. A. & Co., Pawtucket, R. I.

15365a— Scouring Machines (Hair)

Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa.
See adv index at end of book

15366—Scouring Machines (Wool)

Hunter James Machine Co., North Adams, Mass.
Klauder-Weldon Dyeing Machine Co., Amsterdam, N. Y.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15367—Scouring Machines (Yarn)

Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.
Phila. Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa.
See adv index at end of book

15368— Screens (Card)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

15369— Scutchers

Birch Bros., Somerville, Mass.
Leyland Thomas & Co., Readville, Boston, Mass.
Textile Fininshing Machinery Co., 171 Westminster, Providence, R. I.

15370—Separators (Spinning Frame)

Draper Corp. ("Rhoades - Chandler"), Hopedale, Mass.

15371— Separators (Yarn)

Draper Corp., Hopedale, Mass.

15372—Shearing Machines (Textile)

Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.

15373—Shearing & Brushing Machine (Combined)

Curtis & Marble Machine Co., Worcester, Mass.

15374— Shoddy Machinery

Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, **Mass.**

15375— Shuttle Blocks

Anchor Saw Mills Co., Memphis, Tenn.
Cox J. Elwood, Highpoint, N. C.
Willingham E. G., Memphis, Tenn.
Wood A. C., Advance, N. C.

15376— Shuttle Eyes

Mitchell-Bissell Co., 251 4th av, New York

15377— Shuttle Guards

Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Sullivan"), Hopedale, Mass.

15378— Shuttle Irons

Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Dudley D. T. & Son Co., Wilkinsonville, Mass.
Litchfield Shuttle Co., Southbridge, Mass.
Marble E. W. & Co., Wilkinsonville, Mass.
Richardson & Bottomley, West Mansfield, Mass.
Worcester Gear Works, Inc. (To Specification), 33 N Foster, Worcester, Mass.

15378a— Shuttle Straps

Victor-Balata & Textile Belting Co. "V. B." ("Victor-Balata"), 38 Murray, New York

15379— Shuttle Threaders

Lahue M. M. & Co., Lowell, Mass.

15380— Shuttles

Allentown Reed Harness & Mill Supply **Co., Allentown, Pa.**
American Shuttle Co. (Sales Agents), Exchange bldg, Boston, Mass.
American Supply Co., 135 Washington, Providence, R. I.
Billington Jas. H. Co., 113 Chestnut, Philadelphia, Pa.
Dudley D. T. & Son Co., Wilkinsonville, Mass.
Dudley S. A., Taunton, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Hall I. A. & Co., Paterson, N. J.
Leigh & Butler ("Wilson Bros."), 232 Summer, Boston, Mass.
Litchfield Shuttle Co., Southbridge, Mass.
Lowell Shuttle Co., Lowell, Mass.
New Bedford Shuttle Co., New Bedford, Mass.
Norris Brothers, Greenville, S. C.
Sergeson R. & Co., Palmer & Tulip, Phila**delphia, Pa.**
Shambow Shuttle Co., Woonsocket, R. I.
Taunton Spindle Co., Taunton, Mass.
Ulrich Co., Paterson, N. J.

SHUTTLES—continued
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Walder Jacob, Paterson, N. J.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.

15381— Silk Machinery
Atwood Machine Co., Stonington, Conn.
Brigham, Arthur A., Old South bldg., Boston, Mass.
Butterworth H. W. & Sons Co. (Finishing) 2415 E York, Philadelphia, Pa.
Cavagnaro Jno. J. (Silk Finishers), Harrison, N. J.
Cevasco, Cavagnaro & Ambrette Inc., 156 6th, Brooklyn, N. Y.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Hakemeyer Machine Co., Paterson, N. J.
Kilburn Lincoln Machine Co., Fall River, Mass.
Knapp C. H., Waite & Rye, Paterson, N. J.
National Mill Supply Co., Paterson, N. J.
New England Butt Co. (Silk Covering), 304 Pearl, Providence, R. I.
Schaum & Uhing, N American & Glenwood av, Philadelphia, Pa.
Sipp Machine Co., Paterson, N. J.
Stafford Co., Readville, Mass.
Textile Finishing Machinery Co. (Finishing), 171 Westminster, Providence, R. I.
Willimantic Machine Co., Willimantic, Conn.

15382— Singe Plates
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15383— Singeing Machines
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Curtis & Marble Machine Co. (Gas), Worcester, Mass.
Eastwood Benj. Co. (Gas), Paterson, N. J.
Hussa Theo. F. (Electric), 50 Church, New York
Improved Appliance Co., 418 Kent av, Brooklyn, N. Y.
Knapp C. H. c Waite & Rye, Paterson, N. J.
Leigh & Butler, 232 Summer, Boston, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.
Philadelphia Drying Machinery Co. ("Hurricane," Automatic, Hagar Type), 3361 Stokley, Phila., Pa.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Skevington H. & Co. (Hosiery), 1610 N Philip, Philadelphia, Pa.
Smith Drum & Co., Allegheny av & 5th, Philadelphia, Pa.
Textile Finishing Mach'y Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15384— Sinkers (Silk)
Cooper Chas. (Est. of), Bennington, Vt.
Ives Loyal T. Co. (Hosiery), New Brunswick, N. J.

15385— Sizing Machines
American Clay Working Mach. Co., S Walnut, Bucyrus, O.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Ives L. T. Co., New Brunswick, N. J.
Textile Finishing Machinery Co. (Cloth & Yarn), 171 Westminster, Providence, R. I.

15386— Skewers
Fall River Bobbin & Shuttle Co., Fall River, Mass.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Greenville Spool & Mfg. Co., Greenville, S. C.
Parker Spool & Bobbin Co. (Warper & Speeder), Lewiston, Me.
Payne Geo. W. & Co. (Cop), Pawtucket, R. I.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Weld Bobbin & Spool Co., Lawrence, Mass.

15387— Slashers
Cohoes Iron Foundry & Machine Co. ("Cohoes" Cylinder & Hot Air), Cohoes, N. Y.
Entwistle T. C. Co., Lowell, Mass.
Fearnley Arthur J., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Textile Finishing Machinery Co. (Cylinder), 171 Westminster, Providence, R. I.
Union Iron Works, Spokane, Wash.

15388—Slashers (Steam, Exhausting Apparatus for)
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon Hyde Park, Boston, Mass.

15389— Slubbing Machines
See also Frames, Slubbing
Klauder-Weldon Dyeing Machine Co., Yardley, Pa.
Mass.
Saco-Lowell Shops, 77 Franklin, Boston,
Union Iron Works, Spokane, Wash.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15390— Soaping Machines
Birch Bros. (Open), Somerville, Mass.
Butterworth H. W. & Sons Co. (Open), 2415 E York, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
Textile Finishing Machinery Co. (Open), 171 Westminster, Providence, R. I.
Watson Machine Co. (For Silk), Paterson, N. J.

15391— Speeders (Cotton)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Spindle Banding
See Braided Banding; also Spindle Hook Bands

15392— Spindle Bolsters
Payne Geo. W. & Co., Pawtucket, R. I.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio.

15393— Spindle Hook Bands
Am. Textile Banding Co. Inc. (Spinning Tape), Belfield av & Wister, Phila., Pa.
Binns Patent Band Co., 1842 Germantown av, Phila., Pa.
Frost Geo. T. & Sons,, Paterson, N. J.
Hodson John M., Boone & Markle, Philadelphia, Pa.
Young John B., J. & Levick, Phila., Pa.

15394—Spindle Tubes (Worsted)
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15395-6— Spindles
Adjustable Clamp Co. (Adjustable Steel), 216 N Jefferson, Chicago, Ill.
Bamford & Smith Co., 9 Culver, Providence, R. I.
Dann Bros. & Co., New Haven, Conn.
Draper Corp. ("Rabbeth" Centrifugal Clutch), Hopedale, Mass.
Easton & Burnham Machine Co. (High Speed), Pine, Pawtucket, R. I.
Ellsworth Hardwood Co. (Wood of All Varieties), Ellsworth, Me.
Firth Wm. ("Clapham, Smith & Co.'s"), 200 Devonshire, Boston, Mass.
Hall I. A. & Co. ("Cant Slip"), Paterson, N. J.
Hartson L. M. Co. (Winder), N Windham, Conn.
Lawrence Pump & Engine Co.
Lever Oswald Co. (Horizontal, Driven by Belts), 13th & Cumberland, Philadelphia, Pa.
National Acme Co. ("Gridley" Automatic), 7500 Stanton av, S E, Cleveland, O.
Payne Geo. W. & Co., Pawtucket, R. I.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
See adv index at end of book
Prue Frank J. (For Cop Yarn Winding), Woonsocket, R. I.
Southern Spindle & Flyer Co., Charlotte, N. C.
Taunton Spindle Co., Taunton, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Wescott A. A. & Sons, Hopedale, Mass.
Whitin Machine Works, Whitinsville, Mass.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.

15397— Spindles (Dresser)
Payne Geo. W. & Co., Pawtucket, R. I.

15398— Spindles (Reel)
Payne Geo. W. & Co., Pawtucket, R. I.

15399— Spindles (Shuttle)
Chase F. A. & Co., 253 W Exchange, Providence, R. I.

15400— Spindles (Spooler)
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Payne Geo. W. & Co., Pawtucket, R. I.

Spinning Machinery
See Frames, also Mules

15401—Spinning Machinery (Jute)
Brownell G. L. (Heavy Cotton Yarn), Worcester, Mass.
Watson Machine Co., Paterson, N. J.

15402— Spinning Rings
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Draper Corp. ("Mirror" & Twister), Hopedale, Mass.
Hall F. A. & P., Lawrence, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Whitinsville Spinning Ring Co., Whitinsville, Mass.

15403— Spinning Tubes
American Paper Tube Co. (Paper), Woonsocket, R. I.
Bamford & Smith Co., 9 Culver, Providence, R. I.
Lawrence Pump & Engine Co.

15404— Splicing Machines
Brigham Arthur A., Old South bldg, Boston, Mass.

15405—Spool Stranding Machines
New England Butt Co., 304 Pearl, Providence, R. I.

15406— Spooler Guides
Draper Corp. ("Northrop," "Lawrence," "MacColl"), Hopedale, Mass.
Payne Geo. W. & Co., Pawtucket, R. I.

15407— Spoolers (Cotton)
Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Lever, Oswald Co., 13th & Cumberland Philadelphia, Pa.
Lyall J. & W., Passaic, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Warp Compressing Machine Co., Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

15408— Spoolers (Doubling)
Payne Geo. W. & Co., Pawtucket, R. I.

15409— Spoolers (Dresser)
Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Foster Machine Co., Westfield, Mass.
Lever Oswald Co., 13th & Cumberland, Philadelphia, Pa.
Lindsay, Hyde & Co., 2130 E York, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush") Hancock & Somerset, Phila., Pa.

15410—Spoolers (Woolen & Worsteds)
Allen A. W., 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Hall F. A. & P., Lawrence, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Warp Compressing Machine Co., Worcester, Mass.

15411— Spoolers (Yarn)
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Foster Machine Co., Westfield, Mass.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Payne Geo. W. & Co., Pawtucket, R. I.

Spooling Machines
See Spoolers

15412— Spools
See also Bobbins
Allen Spool & Printing Co., Mystic, Conn.
American Supply Co., 135 Washington, Providence, R. I.
Am. Tube & Stamping Co. (Pressed Steel), Dept. H, Bridgeport, Conn.
Atwood Crawford Co., Pawtucket, R. I.
Avoca Mfg. Co., Avoca, N. Y.
Baldwin Jas. Co., Manchester, N. H.
Benazet Heddie Co. (Ltd.), 214 W. Dauphin, Philadelphia, Pa.
Bogert & Hopper Inc. (Cotton, Ribbon, Wire, Filler Sticks, etc.), 57 Barclay, New York *See adv index at end of book*
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Brown Jas. Jr. & Sons, Ring & Main, Philadelphia, Pa.
Conway Lumber Co. (Pine & Hemlock), Conway, N. H.
Estes E. B. & Sons (Cotton Thread), 364 5th av, New York
See adv index at end of book
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., 821 Cambridge, Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Frary Mfg. Co. (Printed), Charlemont, Mass.

Frary Spool Co., Berlin, N. Y.
Frost Geo. T. & Sons, Paterson, N. J.
Greenville Spool & Mfg. Co., Greenville, S. C.
Hamilton Bros. Co., Goffstown, N. H.
Hoffman J. C. Inc., 2595 3d av, New York
Kline Lewis T. (Thread), Alpena, Mich.
Lestershire Spool & Mfg. Co. (Metal Protected), Lestershire, N. Y.
Macrodi Fibre Co. (Fibre), Woonsocket, R. I.
Nashua Spool & Bobbin Co. (All Kinds & Sizes), Grove Hall Station, Boston, Mass.
Novelty Turning Co., Norway, Me.
Parker Spool & Bobbin Co. (Warper Twister, Drawing & Jack), Lewiston, Me.
Payne Geo. W. & Co., Pawtucket, R. I.
Schutz Bros., 152 Chambers, New York
Skilling Julius P., Bethel, Me.
Tebbets E. L. Spool Co., Locke Mills, Me.
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Burlington, Vt.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Weld Bobbin & Spool Co., Lawrence, Mass.
Williams J. H. Co., Millbury, Mass.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.
Wonder Spool Co. (Fibre), 13 Wormwood, Boston, Mass.

15413—Spools (Dresser, Steel Head)

Mossberg Frank Co., Attleboro, Mass.
Sweet & Doyle, Cohoes, N. Y.

15414—Spools (Jack, Steel Head)

Crandall G. H. Co., Cohoes, N. Y.
Mossberg Frank Co., Attleboro, Mass.
Sweet & Doyle ("S. & D."), Cohoes, N. Y.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.

15415— Spools (Silk Thread)

Atwood Crawford Co., Pawtucket, R. I.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Stowell N. S. & Co., Dixfield, Me.
Tebbets E. L. Spool Co., Locke Mills, Me.

15416— Spools (Warp)

Parker Spool & Bobbin Co., Lewiston, Me.
Payne Geo W. & Co., Pawtucket, R. I.
U. S. Bobbin & Shuttle Co. ("Boynton" Patent), 57 Eddy, Providence, R. I.

15417— Sprinkling Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15417a— Spun Silk Machinery

FRANKLIN MACHINE CO., 1 Park, Providence, R. I.
See adv index at end of book

15418— Squeezers

Birch Bros., Somerville, Mass.
Textile Finishing Machinery Co. (Chemic., Sour & Water), 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15419— Stamping Machines

Ready Mfg. Co. (Indelible Ink), Troy, N. Y.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15420— Steaming Machines

Birch Bros., Somerville, Mass.
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.
Hunter James Machine Co., N Adams, Mass.
Textile Finishing Machinery Co. ("Rusden" Continuous Chainless), 171 Westminster, Providence, R. I.
Tillotson Humidifier Co. (Yarn), 78 Fountain, Providence, R. I.

15421—Stirrups & Levers (Cotton Machinery)

Dixon Lubricating Saddle Co., Bristol, R. I.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I

15422—Stock Cleaners (Four Cylinder)

Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15423—Stock Oilers ("Spencer")

Harwood Geo. S. & Son, Exchange bldg., Boston, Mass.

15424— Strapping Machines

See also Sewing Machines

Union Button Sewing Co., 394 Atlantic av, Boston, Mass.

15425— Stripping Machines

Crompton & Knowles Loom Wks. (Bobbin), Worcester, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Leighton Machine Co. (Sweaters, Cardigans & Collarettes & Anklets), Manchester, N. H.
Smith, Drum & Co., Allegheny av & 5th, Philadelphia, Pa.

15425a— Surfacing (Steel)

ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book

15426— Sweep Sticks

Brusher J. B., Norristown, Pa.

15427— Tapes, Braids & Cords

Am. Textile Banding Co. Inc. (Spinning Tape), Belfield av & Wister, Phila., Pa.
Ansonia O. & C. Co., Ansonia, Conn.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barber Mfg. Co. (Spinning Tapes), Lowell, Mass.
Barlow John W. Co. (Spinning), Lawrence, Mass.
Barton F. C., 65 Worth, New York
Bibb Mfg. Co. (Braids & Cords Only), Macon, Ga.
Christ Bros. Mfg. Co. (Elastic Braids & Cords), 1303 Buttonwood, Phila., Pa.
Colombat, Henry (Braid & Cords), 239H Geary, San Francisco, Cal.
Friedberger-Aaron Mfg. Co., 18th & Courtland, Phila., Pa.
Georgia Webbing & Tape Co., Dept. H, Columbus, Ga.
Goff D. & Sons, Pawtucket, R. I.
Glendale Elastic Fabrics Co. (Cords & Braids), Easthampton, Mass.
Hamilton J. H. & Co., 25 White, New York
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hope Webbing Co. (Spinning Tapes), 1005 Main, Providence, R. I.
Industrial Tape Mills Co., Jasper & Huntington, Phila., Pa.
International Braid Co., 47 Charles, Providence, R. I.
Kavanaugh Geo. W., Cohoes, N. Y.
Kenyon J. J. Mfg. Co., Pawtucket, R. I.
Krout & Fite Mfg. Co, Allegheny av & Emerald, Phila., Pa
Lambeth Rope Corporation (Flat Braided Tapes), New Bedford, Mass.
Mount Pleasant Banding Co., New Bedford, Mass.
Narrow Fabric Co. ("Nufashon" Elastic), Reading, Pa.
Phoenix Trimming Co. (Tire Tapes), 2008H N Racine av, Chicago, Ill.
Small Bros., Fall River, Mass.
Weimar Brothers (Tapes & Bindings Only), 2046 Amber, Phila., Pa.
Wick Narrow Fabric Co., 931 Market, Phila., Pa.
Wilkins Mfg. Co. (Plain & Fancy Tapes), Woonsocket, R. I.
Young John B., J. & Levick, Phila., Pa.

Temples

See Loom Temples

15427a— Tensions (Shuttle)

Parsons Specialty & Machine Works (Silk), 2427 No 4th, Phila., Pa.

15428— Tenter Clips

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15429— Tentering Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Heathcote John & Son (For Woolens & Worsteds), 212 Eddy, Providence, R. I.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15430— Testers (Yarn)

Draper Corp. (Moscrop Single Thread), Hopedale, Mass.

15431—Testing Machines (Cloth)

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.
Shuttle Machine Co. ("Tensyl"), 18 E 17th, New York
Sipp Machine Co., Paterson, N. J.

15432— Testing Machines (Silk)

Sipp Machine Co., Paterson, N. J.

15433—Testing Machines (Yarn)

American Supply Co., 135 Washington, Providence, R. I.
Firth Wm. (Goodbrandt Co.), 200 Devonshire, Boston, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.
Sweet & Doyle, Cohoes, N. Y.

15434-5— Textile Parts

Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

15436— Thread Machinery

Atwood Machine Co., Stonington, Conn.
Willimantic Machine Co., Willimantic, Conn.

15437— Tom-Toms (For Hosiery)

Phila. Drying Machy. Co., 3351 Stokley, Phila., Pa.
Utica Novelty & Mill Specialty Co., Utica, N. Y.
Smith, Drum & Co., Allegheny av & 5th, Phila., Pa.

15438— Trade-Mark Stamps

Kaumagraph Co., 209 W 38th, New York

15439— Traveler Cleaners

Whitinsville Spinning Ring Co., Whitinsville, Mass.

15440— Traveler Cups

Whitinsville Spinning Ring Co., Whitinsville, Mass.

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15441-2— Travelers (Ring)
American Supply Co., 135 Washington, Providence, R. I.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Dary Ring Traveller Co., Taunton, Mass.
De Haven Mfg Co., 50 Columbia Heights, Brooklyn, N. Y.
Hartson L. M. Co. (& Bar), N Windham, Conn.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Ring Traveler Stringer Mfg. Co., Dept. H, Columbus, Ga.
Standard Ring Traveler Co., New Bedford, Mass.
Sterling Ring Traveler Co., Fall River, Mass.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
Victor Shaw Ring Traveler Co. ("Victor"), 23 Sabin, Providence, R. I.

Travelers (Spinning & Twisting)
See Travelers, Ring

15443— Twine Balling Machines
Loyd Jno. Co., 124 Baxter, New York

15444— Twisters (Carpet)
Reed Mfg. Co. (Foot Power), Springfield, Ohio

15445— Twisters (Cordage)
Brownell G. L. Worcester, Mass.
Lyall J. E. W., Passaic, N. J.

15446— Twisters (Cotton)
Brownell G. L., Worcester, Mass.
Collins Bros., Pawtucket, R. I.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
H. & B. Am. Machine Co., Pawtucket, R. I.
Haskell-Dawes Machine Co. (Also Jute), 176 Federal, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass

15447— Twisters (Silk)
Atwood Machine Co., Stonington, Conn.
Brownell G. L., Worcester, Mass.

15448— Twisters (Wool)
Collins Bros., Pawtucket, R. I.
Fales & Jenks Machine Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15449— Twisters (Yarn)
Chaney Mfg. Co., Springfield, Ohio
Collins Bros., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15450— Warpers
Altemus Jacob K., 2824 N 4th, Phila., Pa.
American Warp Drawing Machine Co., 95 Milk, Boston, Mass.
Atherton Fred L. Machine Co., Paterson, N. J.
Atwood Machine Co., Stonington, Conn.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Hopedale"), Hopedale, Mass.
Eastwood Benj. Co. (Silk & Lace, Horizontal & Swiss), Paterson, N. J.
Entwistle T. C Co., Lowell, Mass.
Fisher Knitting Machine Co. (For Silk Gloves & Lining), Utica, N. Y.
Knapp C. H., Paterson, N. J.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Royle John & Sons, Paterson, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co. (Silk, Horizontal & Swiss), Paterson, N. J.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

15451— Warpers (Leese)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15452— Warpers (Slasher)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15453—Warpers (Swiss Attachment)
Sipp Machine Co., Paterson, N. J.

15454—Warpers & Linkers (Chain)
Draper Corp. ("Walcott" Warpers), Hopedale, Mass.

15455— Warping Mills
Lever, Oswald Co, 13th & Cumberland, Phila., Pa.

15456—Warping Mills (Sectional)
Lever, Oswald & Co, 13th & Cumberland, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15457— Warps
Bibb Mfg. Co. (Spool, Carpet, etc), Macon, Ga.
Dana Warp Mills, Westbrook, Me.
Grant Yarn Co., Fitchburg, Mass.
Greene & Daniels Co., Pawtucket, R. I.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Indian Orchard Co., Indian Orchard, Mass.
Montgomery J. R. Co., Windsor Locks, Conn.
Monument Mills, Housatonic, Mass.
Plunkett W. C. & Sons (Cotton), Adams, Mass.
Westport Mfg. Co. (Carpet), Fall River, Mass.

15458—Washer & Fuller Combined
Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., North Adams, Mass.

15459— Washers (Cloth)
Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., North Adams, Mass.
Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15459a— Washers (Hair)
Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa. *See adv index at end of book*

15460— Washers (Warp)
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15461— Washers (Wool)
Hunter James Machine Co., North Adams, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Smith & Furbush Mach. Co. ("Shaughnessy"), Hancock & Somerset, Phila., Pa.

15462— Washers (Yarn)
Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa. *See adv index at end of book*
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15463—Waste Machines (Cotton)
American Machine & Mfg. Co., Atlanta, Ga.
Firth Wm. (Fatham & Co.'s), 200 Devonshire, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15464—Waste Machines (Engine Cleaning)
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15465— Waste Savers
Torrance Mffg. Co. ("Choquette"), Harrison, N. J.

15466— Waste Silk Machinery
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15467— Weaversknot Tyer
Edmands Arthur B. Co., 180 Main, Pawtucket, R. I.

Weaving Machinery
See Looms

15468— Web Folding Machines
Grand Rapids Textile Machinery Co., Grand Rapids, Mich.

15469— Wheels (Burr)
Cooper Chas. (Est. of), Bennington, Vt.

15470—Willowing Machines (Wool)
Lombard Machine Co., Worcester, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15471— Winders
See also Sub-divisions of this Head
Allen A. W. (Yarn), 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Campbell & Clute Machine Co., Cohoes, N. Y.
Diamond Textile Machine Works (Bobbin), 1820 N 10th, Phila., Pa.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Firth Wm. (Stubbs), 200 Devonshire, Boston, Mass.
Foster Mach. Co., Westfield, Mass.
Hall F. A. & P. ("Horrock's" Drum), Lawrence, Mass.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Leighton Machine Co., Manchester, N. H.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lyall J. & W. (Spool), Passaic, N. J.
Payne Geo. W. & Co. (Cop, Skein or Bobbin), Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co., Paterson, N. J.
Smith Drum & Co., Allegheny av & 5th, Phila., Pa.
Spindler E. O. (Imp), 350 B'way, New York
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Textile Machine Works, Reading, Pa.
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.
Watson Machine Co., Paterson, N. J.
Watts Regulator Co. ("Watts" Measuring), Lawrence, Mass.
Whitin Machine Works, Whitinsville, Mass.

15472— Winders (Ball)
Franklin Machine Co., 189 Charles, Providence, R. I.
See adv index at end of book
North Chelmsford Machine & Supply Co. (Automatic), North Chelmsford, Mass.

15473— Winders (Cone)
Brigham Arthur A. ("Broadbent & Brighams"), Old South bldg, Boston, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Foster Machine Co., Westfield, Mass.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.

15474— Winders (Cop)
Althemus Jacob K., 2824 N 4th, Phila., Pa.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lindsay Hyde & Co., 2130 E York, Phila., Pa.
Lyall J. & W., Passaic, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co., Paterson, N. J.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15475— Winders (Fillet)
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15476— Winders (Hosiery)
Allen A. W., 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Phila., Pa.
Brigham Arthur A. ("Broadbent & Brighams"), Old South bldg, Boston, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Huse Warren D. & Sons, Laconia, N. H.
Leighton Machine Co., Manchester, N. H.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lindley Geo. W., 5122 Wakefield, Germantown, Phila., Pa.
Lindsay Hyde & Co., 2130 E York, Phila., Pa.
Payne Geo. W. & Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Spindler E. O., 350 B'way, New York
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15477— Winders (Lap)
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15478— Winders (Magnet)
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15479— Winders (Quill)
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Sipp Machine Co., Paterson, N. J.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15480— Winders (Skein)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Brigham Arthur A., Old South bldg, Boston, Mass.
Collins Bros. (Drum), Pawtucket, R. I.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Sipp Machine Co., Paterson, N. J.

15481— Winders (Yarn)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15482—Winding Machines (Cloth)

Curtis & Marble Mach. Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15483—Winding Machines (Hank)

Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.

15484—Winding Machines (Paper Tube)

Altemus Jacob K., 2824 N 4th, Phila., Pa.

Wool Burring Machines

See Burring Machines

15485—Woolen & Worsted Machinery

See also the Specific Article Required

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Brown Cotton Gin Co., New London, Conn.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Clark Wm. C., Dept. H, Franklin, Mass.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Davis & Furber Machine Co. (Wool), N Andover, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm. 200 Devonshire, Boston, Mass.
Harwood Geo. S. & Son, Exchange bldg, Boston, Mass.
Hood R. H. Co., 1842 Germantown av, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N Adams, Mass.
Jefferson Edw. (Imp.), 23H S 2nd, Phila., Pa.
Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Payne Geo. W. & Co., Pawtucket, R. I.
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith Geo. E. (Dealer), Cohoes, N. Y.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15485a—Worsted Drawing Frames. (French)

FRANKLIN MACHINE CO. ("Frotteurs"), 1 Park, Providence, R. I.
See adv index at end of book

15486— Wringing Machines

American Wringer Co. (Silk Dyers' Wringers), 99 Chambers, New York
Clark Geo. P. Co., Windsor Locks, Conn.
Hunt Rodney Machine Co., Orange, Mass.

15487— Yarn Cleaning Machines

Jennings R. G. Yarn Cleaning Machine Co., Elmira, N. Y.

15488—Yarn Conditioning Machines

Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Suter Alfred ("Standard"), 200 5th av, New York

15489—Yarn Printing Machines

Brigham Arthur A., Old South bldg, Boston, Mass.
Luther C. A. & Co., Pawtucket, R. I.
Ready Mfg. Co. (Indelible Ink), Troy, N. Y.

15489a—Yarn Sizing Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

(End of Textile Machinery)

15489b— Thalium

American Smelting & Refining Co., 120 B'way, New York
Mackay A. D. (Metal), 130 Pearl, New York

15490— Thalpotasimeters

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

15491— Thawers (Dynamite)

See also Kettles, Thawing

DU PONT E. I. DE NEMOURS & CO. INC. (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Hercules Powder Co., Wilmington, Del.

15492— Thawing Outfits

Burbank Thawing Machine Co., 355 Warren Bay, Boston, Mass.
MacLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Premier Machinery Co., Oakland, Cal.

Theatre Brass Work

See Bronze, Architectural, Etc.; also Grilles, Brass & Bronze

15492a—Theatre Curtains (Asbestos)

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
See adv index at end of book
Mikesell Bros., 156 N La Salle, Chicago, Ill. *See adv index at end of book*

15493—Theatre Curtains (Steel)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Elevator Supplies Co., Hoboken, N. J.
Harris S. H. Co., 2424 W 22nd, Chicago, Ill.
KINNEAR MFG. CO. (Lift), 716-766 Field av, Columbus, O.
See adv index at end of book
Perkins Mfg. Co. (Iron), University & Fairview avs, St. Paul, Minn.
See adv index at end of book

Theatre Seating

See Opera Chairs & Assembly Seating

15494— Theobromine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

15495— Theodolites

Bausch & Lomb Optical Co., Rochester, N. Y.
Buff & Buff Mfg. Co., 98 Green, Jamaica Plains, Boston, Mass.
Gurley W. & L. E., Troy, N. Y.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.

15496— Thephorin

Hoffman-La Roche Chemical Works, 440 Washington, New York

15497— Thermofans

Schutte & Koerting Co. (For Heating & Ventilating), 1251 N 12th, Phila., Pa.
See adv index at end of book

15497a—*Thermometer-Thermostat

BRISTOL CO. ("Bristol's") **Waterbury, Conn.** *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim, Phila., Pa.

15498— Thermometers

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Thermometer Co., 3146 Lucas, St. Louis, Mo.
American Thermo-Ware Co., 16 Warren, New York
Ataglance Thermometer Co., St. Louis, Mo.
Atlas Laboratory Equipment Bureau, 731 N Wells, Chicago, Ill.
Azadian Gauge Mfg. Co., Eastwood, N. Y.
Beck Oscar & Co., 280 Maujer, Brooklyn, N. Y.
Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.
Braun-Knecht-Heimann Co. (Refrigerating, Household, Chemical, Mechanical, Recording, Steam & Hot Water), 576-584 Mission, San Francisco, Cal.
BRISTOL CO. ("Bristol," Recording, etc), Waterbury, Conn.
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Buffalo Thermometer Co., 297 Broadway, Buffalo, N. Y.
Chaney Mfg. Co., Springfield, O.
Dodge Albert J., Peterboro, N. H.
Dorfmann Bros. (Advertising), Corona, N. Y.
Du Vivier Ernest H. (Imp.) (Recording), 30 Church, New York.
Eimer & Amend (Chemical), 205 3d av.
Electrical Appliance Mfg. Co. ("Best Ever" for Fireless Cooker), Waterbury, Conn.
Etching Company of America, 1520H Montana, Chicago, Ill.
Fleischhuer F. & Son, Hollis, Long Island, N. Y.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Freas Francis L., Coshohocken, Pa.
Fruehauf Mfg. Co., Bedford av, Brooklyn, N. Y.
Getz M. & Co., 162 First, San Francisco, Cal.
Green Henry J. (Meterological, Soil, Chimney, Orchard, House, Steam, etc), 1191 Bedford av, Brooklyn, N. Y.
Greiner Emil Co., 55 Fulton, New York
Griebel Instrument Co., Carbondale, Pa.
Heil Henry Chemical Co., St. Louis, Mo.
Hohman & Maurer Mfg. Co., Ames nr West av, Rochester, N. Y.
Huddleston J. S. F., 132 Hanover, Boston, Mass.
Katz Wm. & Co., 1368 Dekalb av, Brooklyn, N. Y.
Keys Bros. & Co., Catasqua, Pa.
Leeds & Northrup Co., (Resistance Thermometer Only), 4901 Stenton av, Phila., Pa.
Lehigh Thermometer Co., Catasaqua, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Marshall Mfg. Co., Coshocton, O.



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Moreneus E. Co., Cleveland, N. Y.
National Gauge Co. ("National" for all Mechanical Purposes), 300 Pacific, Brooklyn, N. Y.
NATIONAL GAUGE & EQUIPMENT CO., ("National," "Radimeter"), La Crosse, Wis. *See adv index at end of book*
National Thermometer Co. (Clinical), 125 E 23d, New York
Palmer Co., 114 W 6th, Cincinnati, O.
Phila. Thermometer Co. (Mechanical etc.), 9th & Arch, Phila., Pa.
PIERCE BUTLER & PIERCE MFG. CORP., 437 E 162nd, New York City
PRECISION THERMOMETER & INSTRUMENT CO. (Technical), 1434 Brandywine, Phila., Pa.
Queen & Co., 618 Chestnut, Phila., Pa.
Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Randall-Faichney Co., Inc., 76 Atherton, J. P., Boston, Mass.
SCHAEFFER & BUDENBERG MFG. CO. (Bath, Mechanical & Steam Pipe), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Schrope H. H., Allentown, Pa.
Scientific Instrument Co. (High & Low Pressure, Gas Filled), Marquette, Detroit, Mich.
Scott C. P. & Sons, 221 Franklin, Buffalo, N. Y.
Simplex Instrument Co., 320 Market, Newark, N. J.
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Tagliabue Chas. J. Mfg. Co. ("Duplimerge," "Tel-A-Fever," "Tagometer," "Durotag," "Tag Elite," "Tag Everight," Veterinary, "Yorklynn," "E. Z. C.," "Faultless," Dial, "Gotham," "Knickerbocker," "Manhattan," "New Brooke," "Tag," All Kinds for All Purposes"), 18 33d, Brooklyn, N. Y.
Tagliabue G. (Est. of), 302 Pearl, New York
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Thompson-Levering Co. ("Peerless"), Jobbers, 325 Arch, Phila., Pa.
Wagner Bros. & Co. (Imp.), 71 W 23d, New York
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Wagner Glass Works, 697 E 132d, New York
Weinhagen & Hespe (For Laboratory, Factory, etc), 159 Leonard, New York
Weiskopf Abraham, 16 S Clinton, Chicago, Ill.
Weiss Albert A. & Co. (For All Purposes), 572 Gates av, Brooklyn, N. Y.
Wilder-Pike Thermometer Co. ("Daisy," "Wilder"), Troy, N. Y.
Zaubitz August (For Stills, Boilers, Vacuum, Pans, Heating, etc), 95 Cliff, New York

15499—Thermometers (Advertising)

Aluminum Specialty Co., Manitowoc, Wis.
American Mfg. Concern, Falconer, N. Y.
Chaney Mfg. Co., Springfield, O.
Freas Francis L., Conshohocken, Pa.
Marshall Mfg. Co., Coshocton, O.
National Sheet Metal Co. (Stamped Nickelene, etc), Peru, Ill.
Taylor Instrument Companies (Taylor Bros. Co. Division), Rochester, N. Y.
Up-to-Date Advertising Co., Canisteo, N. Y.
Weinhagen & Hespe, 159 Leonard, New York
Wilder-Pike Thermometer Co., Troy, N. Y.
Winslow Cabot Co., 46 Cornhill, Boston, Mass.

15500—Thermometers (Candy)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Phila., Pa.
Taylor Instrument Companies, Rochester, N. Y.
Weinhagen & Hespe, 159 Leonard, New York
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

15501—Thermometers (Cardboard)

American Thermo-Ware Co., 16 Warren, New York

15502—Thermometers (Chemical)

American Thermo-Ware Co., 16 Warren, New York
Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.
Elmer & Amend, 205 3d av, New York
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Engelhard Chas. (Electrical), 30 Church, New York
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Moeller A. E., 261 Sumpter, Brooklyn, New York.
National Thermometer Co., 123 E 23d, New York
New York Thermometer Co., 36 E 23d, New York; Factory, Brooklyn, N. Y. *See adv index at end of book*

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SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos") Rochester, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

15503—Thermometers (Chimney)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Foxboro Company The ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
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15504—Thermometers (Clinical)

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COLUMBIA Recording Thermometers

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Clock movement is ruggedly built for long service. Will not corrode.

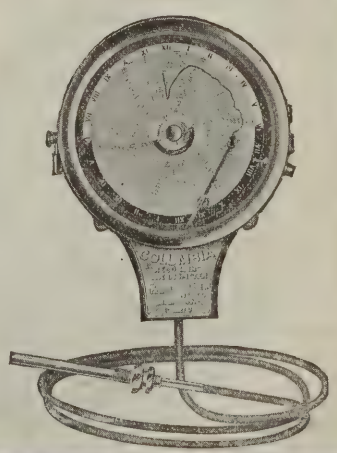
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SCHAEFFER & BUDENBERG MFG. CO. ("Reform"), Berry & S 5th, B'klyn, N. Y. *See adv index at end of book*

15505a—*Thermometers (Dairy)

Foxboro Company The, Foxboro, Mass.
See adv index at end of book

15506—Thermometers (Electric Contact)

Brown Instrument Co., Wayne & Windrim, Phila., Pa.
Engelhard Charles Inc., 30H Church, New York
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Standard Thermometer Co. 65 Shirley, Boston, Mass.
Tagliabue, C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Taylor Instrument Companies, Rochester, N. Y.
Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.
Weinhagen & Hespe, 159 Leonard, New York

15507—Thermometers (Feed Water)

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BROWN INSTRUMENT CO., Wayne & Windrim, Phila., Pa.
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
NATIONAL GAUGE & EQUIPMENT CO. ("Radi-Meter"), La Crosse, Wis.
See adv index at end of book
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Taylor Instrument Companies, Rochester, N. Y.

15507a—Thermometers (Fever)

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Taylor Instrument Companies, Rochester, N. Y.

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NATIONAL GAUGE & EQUIPMENT CO. ("Radi-Meter"), La Crosse, Wis.
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15507c—*Thermometers (For Water Circulation for Aeroplanes)

FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
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NATIONAL GAUGE & EQUIPMENT CO. ("Radi-Meter"), La Crosse, Wis.

15508—Thermometers (Heating)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Beaton & Caldwell Mfg. Co. ("Perfection"), New Britain, Conn.
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Crosby Steam Gauge & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Magee Steam Specialty Corp. ("Jumbo"), 136 Beekman, New York
National Gauge Co., 300 Pacific, B'klyn, N. Y.
National Gauge & Equipment Co. ("Radimeter"), La Crosse, Wis.
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Taylor Instrument Companies, Rochester, N. Y.
U. S. Gauge Co. (Hot Water), 67 Wall, New York
Weinhagen & Hespe, 159 Leonard, New York

15509—Thermometers (Hot Bed)

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Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Taylor Instrument Companies, Rochester, N. Y.
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

Thermometers (Hot Water)

See Thermometers, Steam & Hot Water

15510—Thermometers (Hot Well)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
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FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording & "Crescent" Indicating), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

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Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Weinhagen & Hespe, 159 Leonard, New York
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

Thermometers (Optical)

See Pyrometers

15512—Thermometers (Oven)

BROWN INSTRUMENT CO., Wayne & Windrim, Phila., Pa.
Cooper Oven Thermometer Co. ("Cooper," "Whittier"), Pequabuck, Conn.
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See adv index at end of book
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SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Taylor Instrument Companies, Rochester, N. Y.
Wilder-Pike Thermometer Co., Albany, N. Y.
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BRISTOL CO. ("Bristol's" Liquid Vapor-Tension Gas Filled), Waterbury, Conn.
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BROWN INSTRUMENT CO., Wayne & Windrim, Phila., Pa.
Draper Mfg. Co., 152 Front, New York
FOXBORO COMPANY, THE ("Foxboro"), Foxboro, Mass.
See adv index at end of book
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SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" for All Purposes & Temperatures up to 1,000 Deg. F., and Electric up to 2,900 Deg. F.), Berry & S 5th, Brooklyn, N. Y.
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Thwing Instrument Co., 3339 Lancaster av, Phila., Pa.
Weinhagen & Hespe, 159 Leonard, New York

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Weinhagen & Hespe, 159 Leonard, New York

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SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

15516—Thermometers (Steam & Hot Water)

See also Thermometers, Heating

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BRISTOL CO ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim, Phila., Pa.
FOXBORO CO. (THE), ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
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National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equipment Co. ("Radimeter"), La Crosse, Wis.
See adv index at end of book.
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York City
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording), Berry & S 5th, Brooklyn, N. Y.
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Standard Thermometer Co., 65 Shirley, Boston, Mass.
Taylor Instrument Companies, Rochester, N. Y.
Wilder-Pike Thermometer Co., Troy, N. Y.
Weinhagen & Hespe, 159 Leonard, New York

15517—Thermometers (Steel Tube, Mercury Filled)

SCHAEFFER & BUDENBERG MFG. CO. ("Reform"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

15518—Thermometers (Sugar)

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FOXBORO CO. (THE), ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
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Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

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Queen-Gray Co., 64-70H W Johnson, Phila., Pa.
Weinhagen & Hespe, 159 Leonard, New York

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FOXBORO CO. (THE), ("Foxboro"), Foxboro, Mass. *See adv index at end of book*

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15521— Thermostats

See also Regulators, Heat

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d'Estes Julian Co. ("Curtis"), 36 Canal, Me.
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Manhattan Electrical Supply Co., 17 Park pl, N. Y. *See adv index at end of book*
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New York Brass Foundry Co., 403 Broome, New York
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WILSON H. A. CO., 99 Chestnut, Newark, N. J.
Wolverine Temperature Regulator Co., Marshall, Mich.
Yoder-Thomas Mfg. Co. ("Wentz"), Engineers bldg, Cleveland, O.

15522—Thickeners (Carbon)

Oliver Continuous Filter Co. (For Gas Works), 503 Market, San Francisco, Cal. & 33 W 42nd, New York
Wolvertine Temperature Regulator Co. 125 Exchange, Marshall, Mich.

15523—Thickeners (Continuous)

Colorado Iron Works Co. ("Rothwell"), Denver, Colo.
Dorr Co. ("Dorr"), Denver, Colo.
Oliver Continuous Filter Co. (Automatic Shine), 503 Market, San Francisco, Cal. & 33 W 42nd, New York

15523a—Thickeners (Slime)

Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Conklin H. R., Joplin, Mo.
Dorr Co., Denver, Colo.
Industrial Filtration Corp., 115 B'way, New York
National Tank & Pipe Co., Portland, Ore.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 33 W 42nd, New York
Traylor Engineering & Mfg. Co., Allentown, Pa.

15523b— Thickeners (Tray)

Dorr Co., Denver, Colo.

15524— Thiefs (Measuring)

Kraft, A. C. (Liquor), 323 W Lake, Chicago, Ill.
U. S. Bottlers' Machinery Co ("Taylor"), 2511 Park, Chicago, Ill.

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Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
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San Antonio Sewer Pipe Works, San Antonio, Tex.
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Weber & Kirch Mffg. Co., Keokuk, Ia.

15525a—Thimbles (Extraction)

See also Shells, Extraction
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Grabler Mfg. Co., Cleveland, O.

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15527a—Thimbles (Locomotive Boiler)

Warren J. M. & Co., Troy, N. Y.

15528— Thimbles (Sewing)

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Celluloid Co., 36 Washington, New York
Goldsmith Stern & Co., (Gold, Silver), 33 Gold, New York
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Ketcham & McDougall (Gold & Silver), 15 Maiden la, New York
Scovill Mfg. Co., Waterbury, Conn.
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Waite-Thresher Co., Abbott Park pl, Providence, R. I.
Webster Co., North Attleboro, Mass.
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Deshler Mail Box Co., Deshler, O.
Eclipse Metal Mfg. Co. ("Eclipse"), Eden, N. Y.
Frantz Mfg. Co., Sterling, Ill.
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Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Reeves Mfg. Co., Dover, O.
Sanitary Co., Dept. H, Linfield, Pa.
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AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
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Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Durable Wire Rope Co., 93 Pearl, Boston, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hallett Iron Works, Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
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Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co. Inc. (Also for Manila Rope), Middletown, Conn.
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Williamsport Wire Rope Co., Williamsport, Pa.

15531a— Thiocarbanilide

National Aniline & Chemical Co., 21 Burling Slip, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Semet-Solvay Co., Syracuse, N. Y.

15532-3—Third Rail Block System

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15533a— Thorium

Roessler & Hasslacher Chemical Co., 709 6th av, New York

15534— Thorium Nitrate

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Hummel & Robinson, 26 Cortlandt, New York
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Amherst Mfg. Co. (Mercerized), Amherst, Mass.
Ballou Thread Co. (Shoe), 189 Charles, Providence, R. I.
Barrows Mfg. Co. (Glazed Spool Cotton), Lansdale, Pa.
Bay State Thread Works, Springfield, Mass.
Bemis Bro. Bag Co. (Union Special Machine), 601 S 4th, St. Louis, Mo.
Bibb Mfg. Co. (2, 3 & 4 Cord Spool Cotton), Macon, Ga.
Blodgett & Orswell Co. ("John J. Clark's" Spool Cotton, "B. & O." Threads), Pawtucket, R. I.
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Meyer J. C. & Co. (For Mfg. Trades), Lowell, Mass.
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Niagara Thread Co. (Glazed & Mercerized Sewing & Seaming), Ontario & Janney, Philadelphia, Pa.
Pelham Mills (In Balls), Pelham, S. C.
Pollack Max & Co. (Mercerized & Spool), 12 E 22nd, New York
Roxbury Shoe Thread Co. (Shoe), 35 Wormwood, Boston, Mass.
Slater W. A. Mills, Jewett City, Conn.
Spool Cotton Co. (Selling Agents) (Sewing for Household Use & Mfrs.), 315 4th av, New York
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Summit Thread Co. (Spool), 103 Bedford, Boston, Mass.
Thread Agency (Selling Agents), 260 W B'way, New York
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Wachusett Thread Co., Worcester, Mass.
Warren W. Thread Works, Westfield, Mass.

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Ederer R. J. Thread Co. ("Keystone"), Elizabeth & Unity, Phila., Pa.

Linen Thread Co. (Selling Agents), 96 Franklin, New York
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Smith & Dove Mfg. Co., Andover, Mass.
Thread Agency (Selling Agents), 260 W B'way, New York
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15538— Thread (Rubber)

Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.
Goodrich B. F. Co., Akron, O.
Mechanical Fabric Co., 40 Sprague, Providence, R. I.
Revere Rubber Co., Chelsea, Mass.

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Cable Flax Mills, Schaghticoke, N. Y.
Laub's Geo. Sons (Linen), Buffalo, N. Y.
Linen Thread Co. (Selling Agents), 96 Franklin, New York
Meyer J. C. & Co. (Silk Finish), Lowell, Mass.
Roxbury Shoe Thread Co. (Cotton), 35 Wormwood, Boston, Mass.
Smith & Dove Mfg. Co. (Flax), Andover, Mass.
West End Thread Co. (Linen), Millbury, Mass.

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Boas Thread Co. (Spool), Stamford, Conn.
Brainerd & Armstrong Co., New London, Conn.
Champion Silk Co., Pottstown, Pa.
Crane Bros., Kingston, Pa.
De Witt Boag Co., Hornell, N. Y.
Eureka Silk Mfg. Co., Putnam, Conn.
Globe Silk Works, New Haven, Conn.
Hackenburg W. B. & Co., 1211 Arch, Philadelphia, Pa.
Hammond, Knowlton & Co., Putnam, Conn.
Hanks O. G. & Co., Mansfield Center, Conn.
Heineman O. Co. (Silk Floss, Insulating Silk, etc), 2701 Armitage av, Chicago, Ill.
Heminway & Bartlett Silk Co. (Sewing, Embroidery, etc; also Special Silks for Mfrs), Watertown, Conn.
H. K. H. Silk Co. (Sewing, Embroidery, Knitting, etc, also Special Silk for Mfrs), Watertown, Conn.
Holland Mfg. Co., Willimantic, Conn.
Khalizog Silk Co., Paterson, N. J.
Meyer J. C. & Co., Lowell, Mass.
Nonotuck Silk Co., Florence, Mass.
Ontario Thread Co., 17 Waverly pl, New York
Ramsey J. & Sons, Phillipsburg, N. J.
Rice A. H. Co., Pittsfield, Mass.
Richardson Silk Co., 309 W Adams, Chicago, Ill.
Thairwall Wm. C. & Co., 504 Albany, Boston, Mass.
Warehouse Point Silk Co., Warehouse Point, Conn.
Warren W. Thread Works (Sewing, etc), Westfield, Mass.
Winsted Silk Co., Winsted, Conn.

15541— Threaders (Needle)

Roeti-Hunt Corp. ("Ezl"), Putnam, Conn.

15542—Threaders (Wire Rod)

Goodell-Pratt Co. (Can Be Held in Any Vise), Greenfield, Mass.

15543— Threads (Screw)

Card S. W. Mfg. Co., Mansfield, Mass.
Jencks E. Mfg. Co. (Machine & Wood, Chased Cut or Rolled, Gimlet Pointed) Worcester, Mass.

15544—Thresher Feeders & Blowers

Maytag Co. (Feeders Only), Newton, Ia.
Reeves Pulley Co., Columbus, Ind.

15545— Threshers

Aultman & Taylor Machy. Co. (Grain, Flax, Rice), Dept. H, Mansfield, O.
Avery Co. ("Yellow-Fellow"), Peoria, Ill.
Baker A. D. Co. ("Baker"), Swanton, O.
Baldwin Mfg. Co., Sparta, Mich.
Batavia Machine Co. (Grain), Batavia, N. Y.
Belle City Mfg. Co. ("Belle City," "New Racine"), Racine, Wis.
Buffalo Pitts Co., Buffalo, N. Y.
Campbell S. K. Co., Central Bridge, N. Y.
Cardwell Machine Co. (Rice, etc), 1900 E Cary, Richmond, Va.
Clark Machine Co. (Grain), St. Johnsville, N. Y.
Colonial Fireplace Co. (Iron, Brass or Marble), 4631 W 12th, Chicago, Ill.
Conner J. W. & Son ("Favorite," Thresher), Orangeville, Pa.
Doylestown Agricultural Co., Doylestown, Pa.
Ellis Keystone Agricultural Works ("Ellis Champion" Thresher & Cleaner), Pottstown, Pa.
Emerson - Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.
Farquhar A. B. Co. Ltd. ("Farquhar" Grain & Rice), York, Pa.
Frick Co., Waynesboro, Pa.
Garden City Feeder Co., Pella, Ia.
Gill W. E. (Corn & Oats Separators), Lake Geneva, Wis.
Harder Mfg. Co., Cobleskill, N. Y.
Harrison Machine Works ("New Great Western"), Belleville, Ill.
Heebner & Sons ("Little Giant," "Pennsylvania"), Lansdale, Pa.
Heilman Machine Works, Evansville, Ind.
Huber Mfg. Co. ("Western Special"), Marion, O.
Illinois Thresher Co., Sycamore, Ill.
International Harvester Company of America (Inc.) ("International," "Sterling," "Belle City"), Harvester bldg, Chicago, Ill.
Keck-Gonnermann Co., Mount Vernon, Ind.
Messinger Mfg. Co. (Thresher, Separator & Cleaner), Tatamy, Pa.
Minneapolis Steel & Machy Co. (All Steel), 29th & Minnehaha, Minneapolis, Minn.
Minneapolis Threshing Machine Co., Hopkins, Minneapolis, Minn.
Nichols & Shepard Co., Battle Creek, Mich.
Parlin & Orendorff Co., Canton, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Prairie Queen Mfg. Co., Newton, Kan.
Quick & Thomas, Auburn, N. Y.
Rumley Leo Tractor Co. ("Advance," "Gear-Scott"), Laporte, Ind.
Russell & Co., Massillon, O.
Star Mfg. Co. (Corn), Carpentersville, Ill.
Sproul Matt Co., Sprata, Ill.
Swayne, Robinson & Co., Richmond, Ind.
Westinghouse Co. ("Westinghouse" Grain & Straight Straw), Schenectady, N. Y.
Wood Bros. Thresher Co., Des Moines, Ia.

15546—Threshers (Bean & Pea)

Batavia Machine Co. ("Bidwell"), Batavia, N. Y.
Buffalo-Pitts Co. (Threshers & Cleaners), Buffalo, N. Y.
Koger Pea & Bean Thresher Co., Morristown, Tenn.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Southern Implement Mfg. Co., Dept. H, Columbus, Ga.
Stopple W. H., Dallas, Tex.
Success Seed Grader Co., Spokane, Wash.
Woodruff Machinery Mfg. Co., Winder, Ga.

15547— Threshers (Corn)

Port Huron Engine & Thresher Co., Port Huron, Mich.

15548— Threshers (Rice)

Aultman & Taylor Machinery Co., Mansfield, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Emerson-Brantingham Co. ("Reeves," "Geiser"), Rockford, Ill.
Farquhar A. B. Co. Ltd. ("Farquhar"), York, Pa.
Harrison Mach. Wks. ("Belleville"), Belleville, Ill.
Swayne, Robinson & Co. ("Money-Maker") Richmond, Ind.

15549—Threshers (Straw Preserving & Rye)

Eddy W. Plow Co., Greenwich, N. Y.
Harder Mfg. Co. (Rye Thresher, Cleaner & Binder Combined), Cobleskill, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Westinghouse Co., Schenectady, N. Y.

15550—Threshers & Cleaners (Peanut)

Cardwell Mach. Co. ("Creasey"), 1900 E Cary, Richmond, Va.
Ellis Keystone Agrl. Works, Pottstown, Pa.
Southern Implement Mfg. Co., Dept. H, Columbus, Ga.

15551— Thresholds

COLUMBUS BRASS CO. (Cast Brass) 538 Dublin av, Columbus, O.
See adv index at end of book
Columbus Wire & Iron Works Co., Columbus, O.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.
Kawner Mfg. Co., Niles, Mich.
Lasar Ornamental Iron Co. (Bronze & Iron), 16th & O'Fallon, St. Louis, Mo.
Newman Mfg. Co. (Brass & Bronze), 722 Sycamore, Cincinnati, O.
See adv index at end of book
St. Louis Brass Mfg. Co. (Cast Brass or Bronze), Jefferson & Washington, St. Louis, Mo.
Stolz Jos. & Son, Inc. (Brass, Bronze & Cast Iron, Elevator & Steel), 841 E 136th, New York
Stover Mfg. & Engine Co., Freeport, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Wks. (Metal, Elevator), Milwaukee, Wis.

15552— *Throttles for Generator Valve

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15552a— Thymol

Chiris Antonine Co., 20 Platt, New York
Greeff R. W. & Co., 78 Front, New York
National Aniline & Chemical Co., 21 Burling Slip, New York
Verona Chemical Co., No. Newark, N. J.

15553— Ticket Choppers & Destroyers

See also Boxes, Ticket Cancelling

Newman Mfg. Co. (Brass & Wood), 722 Sycamore, Cincinnati, O.
See adv index at end of book
Patten Paul B. Co. (Destroyers), Salem, Mass.

15554— Tickets (Pin)

Dancyger Safety Pin Ticket Co., 4707 Detroit, Cleveland, O.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eisler Anthony & Co. (Also Folding), 227 Canal, New York
Kimball A. Co., 307 W B'way, New York
Noesting Pin Ticket Co. ("Harmless"), Mt. Vernon, N. Y.
Salisbury Mfg. Co. (Also Pinless), 14 Leather av, Providence, R. I.

15554a— Tickets (Price)

Dennison Mfg. Co., 26H Franklin, Boston, Mass.
Shuman Frank G. Co., 216H N Clinton, Chicago, Ill.
Tablet & Ticket Co., 624H W Adams, Chicago, Ill.

15554b— Tickets & Tokens

WATERBURY BUTTON CORP. (Metal), 831 South Main, Waterbury, Conn.
See adv index at end of book

15555—Tickets & Transfers (Street Railway)

Globe Ticket Co. (Theatre, Amusement, etc.), 112 N 12th, Phila., Pa.
Hamilton Bank Note Engraving & Printing Co., 142 Adams, Brooklyn, N. Y.
International Ticket Co., 50H Grafton av, Newark, N. J.
Keller Printing Co. (Tickets Only), 295 Lafayette, New York
Macdonald Ticket & Ticket Box Co., 5015 Wellesley av, Cleveland, O.
National Ticket Co., 205 St. Clair av, N E, Cleveland, O.
Ohmer Fare Register Co., Dayton, O.
Reyburn Mfg. Co. (Tickets Only), 23rd & Allegheny av, Phila., Pa.
Scott J. B. Co. (Roll Tickets), Kansas City, Mo.
Security Bank Note Co., 223 Chestnut, Philadelphia, Pa.
Stromberg, Allen & Co., 430 S Clark, Chicago, Ill.

15556— Tickings

Amoskeag Mfg. Co., Manchester, N. H.
Columbian Mfg. Co., Greenville, N. H.
Conestoga Steam Cotton Mills, Lancaster, Pa.
Cordis Mills, Millbury, Mass.
Crown Cotton Mills, Dalton, Ga.
Delgado Mills, Wilmington, N. C.
Eagle & Phenix Mills, Columbus, Ga.
Enterprise Cotton Mills, Enterprise, Ala.
Erwin Cotton Mills Co., West Durham, N. C.
Falls Co., Norwich, Conn.
Gary J. S. & Son, Equitable bldg, Baltimore, Md.
Globe Cotton Mills, Augusta, Ga.
Griffin Mfg. Co., Griffin, Ga.
Hamilton Mfg. Co. 77 Franklin, Boston, Mass.
Hettrick Mfg. Co., Toledo, O.
High Shoals Mfg. Co., High Shoals, Ga.
Holt-Williamson Mfg. Co., Fayetteville, N. C.
Kincaid Mfg. Co., Griffin, Ga.
Kneedler & Co., Eadon & Kennedy, Fkd., Phila., Pa.
Lexington Mfg. Co., Lexington, S. C.
Locke Cotton Mills Co., Concord, N. C.
Lynchburg Cotton Mills, Lynchburg, Va.
Manchester Cotton Mills, Rock Hill, S. C.
Massachusetts Cotton Mills, Exchange bldg, Boston, Mass.
Middleburg Mills, Columbia, S. C.
Montgomery Cotton Mills, Montgomery, Ala.
Muscogee Mfg. Co., Columbus, Ga.
Oakland Mills, Taunton, Mass.
Pelham Mfg. Co., Pelham, Ga.
Putnam Mills & Power Co., Eatonton, Ga.
Shetucket Co., Greenville, Conn.
Stark Mills, Manchester, N. H.
Stonewall Cotton Mills, Stonewall, Miss.
Sylvan Cotton Mills, Shelbyville, Tenn.
Tallassee Falls Mfg. Co., Tallassee, Ala.

TICKINGS—continued
Thorndike Co., 72 Franklin, Boston, Mass.
Tombigbee Cotton Mills, Columbus, Miss.
Whitaker Wm. & Sons, Cedar Grove, Philadelphia, Pa.
White Bros., Winchendon Springs, Mass.
Wiggins H. B. Sons Co., Bloomfield, N. J.
Willingham Cotton Mills, Macon, Ga.

15557—Tie-Bars (Stub-Switch)

Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*

Established 1900
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Nelson Iron Works, Spokane, Wash.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15557a— Tiers (Meat)

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

15558— Ties (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
AMERICAN STEEL & WIRE CO. ("American" & "Griswold"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Belmer H. Co., 628 W 3d, Cincinnati, O.
Blakeslee G. S. & Co. (Jobbers), W 19th & S 52d av, Chicago, Ill.
Cambria Steel Co. (Wire), Widener bldg, Philadelphia, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Des Moines Bale Tie Co. (Hay, Straw & Excelsior), Des Moines, Ia.
Downey W. C. & Co. (Steel Wire), Springfield, O.
Ertel Geo. Co., Quincy, Ill.
Gulf States Steel Co., Birmingham, Ala.
IGOE BROTHERS (Wire), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Kilmer M. D. & Co., 6001 Quinby, Cleveland, O.
Kokomo Bale Tie Co. (Wire, for Hay, Straw & Excelsior), Kokomo, Ind.
Kokomo Steel & Wire Co. (Jobbers, Hay, Straw or Excelsior), Kokomo, Ind.
Lovingood Co., H Haynes, Atlanta, Ga.
Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.
Shelby Wire Co. ("Quality"), Shelby, Ohio
Signode System, Inc., 108 W Lake, Chicago, Ill., & 33 Union sp, W, New York
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Tudor & Jones, Weedsport, N. Y.
Twisted Wire & Steel Co. (Flat Band), 437 11th av, New York
Union Steel & Wire Co., Indianapolis, Ind.
Wilson H. P. & H. F. (Steel Wire), 542 W 22d, New York

15558a—*Ties (Brass, Cast & Mall Iron)

Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*

15559—Ties (Cattle & Horse)

Alexander Halter Factory ("Billet"), Alexandria, O.
Cooper Otway (Rope), Urbana, O.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Fricke J. E. Co. ("Emory Brand"), 247 Market, Philadelphia, Pa.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Rugg E. T. & Co., Newark, O.
Sargent & Co. (Rope), New Haven, Conn.
Workman H. B. Co. (Rope), Lititz, Pa.

15560—Ties (Concrete Steel, Railroad)

Concrete Steel Co., 42 Broadway, New York
Whitehead Co., Farmington, Ill.

15561-2— Ties (Cotton)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Steel), Atlanta, Ga.
Beckley Perforating Co., Garwood, N. J.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Connors Steel Co., Birmingham, Ala.
Friedlander Julius & Co., Columbus, Ga.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Riverside Mills, Augusta, Ga.
Sharon Steel Hoop Co., Sharon, Pa.

Ties (Creosoted)

See Creosoting Works

15563— Ties (Horse Tail)

Fernald Mfg. Co., North East, Pa.
Wallace & Smith Co., 86 W Water, Milwaukee, Wis.

15564— Ties (Mine)

Cambria Steel Co., Widener bldg., Philadelphia, Pa.
Cincinnati **Frog & Switch Co., Cincinnati, O.** *See adv index at end of book*

Established 1900
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Fairmont Mining Machinery Co. ("Ross" Steel), Fairmont, W. Va.
SERFAS LUMBER CO., Drake bldg, Easton, Pa. *See adv index at end of book*
West Virginia Lumber Co., First National Bank bldg, Pittsburgh, Pa.

15565—Ties, Poles & Posts

See also Poles, Iron & Steel Trolley; also Lumber Manufacturers

ALABAMA.

FLORENCE—Richardson Lumber Co. (Cedar Poles)
RUSSELLVILLE—Richardson Lumber Co. (Cedar Poles)

ARKANSAS.

CROSSETT—Crossett Lumber Co.
DERMOTT—Remley Esley P (Ties, etc)
LITTLE ROCK—Byrd P. A. (Piling, Ties)
PARAGOULD—Bertig Bros. (Ties)
SCHAAL—Odell & Ennis (Ties)
TEXARKANA—National Lumber & Creosoting Co.
WILTON—Cooper E. C. (Ties)

CALIFORNIA.

CASPAR—Caspar Lumber Co. (Redwood Ties)
SAN FRANCISCO—Albion Lumber Co. **(Redwood Ties), 582 Market**
Byxbee & Clark, Balboa bldg
Caspar Lumber Co. (Ties), Hobart bldg
Grays Harbor Commercial Co.
Hanify J. R. Co. (Ties), 24 Market
Hooper C. A. & Co. (Ties), Balboa bldg
McFaul-Perkins Co. (Ties), Chronicle bldg
Nelson Chas. Co., 230 California
Pacific Lumber Co. (Ties, etc).
Pope & Talbot (Piles, Spars, etc), ft of 3d
Port Blakeley Mill Co.
Puget Mill Co. (Piles & Telegraph Poles)
Richardson Co., 320 Market
Tacoma Mill Co. (Piles & Telephone Poles), 310 Sansome
Union Lumber Co. (Poles & Ties), Crocker bldg
White L. E. Lumber Co. (Ties, etc), Balboa bldg
Wood E. K. Lumber Co., 112 Market

COLORADO.

DENVER—Continental Tie & Lumber Co.

CONNECTICUT.

NEW LONDON—Raymond & Alexander Lumber Co. (Ties & Posts)

DELAWARE.

MILTON—Conwell & Co. (Pine & Oak Piling, Mine Timbers, R.R. Ties, etc)
WILMINGTON—Bush J. D. & Co. (Ties & Piling)

FLORIDA.

CALLAHAN—Jones R. H. (Cross Ties)
JACKSONVILLE—Cook Wm. P. & Co.
KOLOKEE—Holzendorf Geo. W. (Rough Pine Lumber)
TRILBY—Croft T. E. (Cross Ties)

GEORGIA.

ATLANTA—Southern Wood Preserving Co.
BROADHURST—Rogers W. C. (Cross Ties)
BRUNSWICK—American Tie & Timber Co.
Bladen Tie & Lumber Co. (Cross Ties)
Joyce Watkins & Co. (Cross Ties)
BURNT FORT—Bull J. C. (Cross Ties)
SAVANNAH—Brook-Bolshaw Co. (Cross Ties)
Emanuel N. & Co. (Cross Ties)
Heard Lumber Co.
Hirsch Lumber Co. (R.R. Ties, etc)
THOMASVILLE—Jemison J. B. & Co. (Bridge Timbers, etc)
Watt James & Bro. (Ties)

IDAHO.

COEUR D'ALENE—Atlas Tie Co. (Cross Ties)
SAND POINT—Hitchner & Hitchner (Cedar)
Humbird Lumber Co. (Ltd.) Red Cedar Poles)
Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling, etc)

ILLINOIS.

CHICAGO—Acme Lumber & Shingle Co., 20 Jackson blvd
Anguera Lumber & Tie Co. (R. R. Ties, All Kinds), 111 W Washington
Ayer & Lord Tie Co. (R. R. Ties), 80 E Jackson blvd
Bates Expanded Steel Truss Co., 208 S La Salle
Beidler Francis (Idaho Cedar & Michigan White Cedar Poles 40 ft & up) 20 W Jackson.
Continental Piling & Lumber Co. (Piling), 112 W Adams
Crane W. B. & Co. (Cedar Posts & Trees), 913 W 22d
Deeves G. H. Lumber Co. (Ties), Ry. Exchange
Gillis & Co. (Timber, Ties, etc), Heyworth bldg
Goodman K. S. Co. (Cedar Poles & Posts), 80 E Jackson blvd
Kellogg Switchboard & Supply Co. (White Cedar Poles, etc), 1066 W Adams
Lake Superior Piling Co. (Piling), 961 22d
Leach L. D. & Co., 343 S Dearborn
Lowe Perley & Co. (Cedar Poles), 332 S Michigan av
Marsh & Bingham Co. (Ties), 80 E Jackson blvd
Marsh & Truman Lumber Co., (Oak, Fir, Yellow Pine Ties), 332 S Michigan av
Mueller Wm. & Co. (Western Red & Northern White Cedar), 115 S Dearborn
Naugle Pole & Tie Co. (Ties, Poles & Posts), 2307 S Morgan
Schultz W. W. & A. J., Old Colony bldg
Smith A. B. Lumber Co., Old Colony bldg
Stone Frank B. (Ties, Poles & Posts), 80 E Jackson blvd
Worcester C. H. Co., 19 S Lasalle
McLEANSBORO—Wilson J. H. & Son (R. R. Ties)
MADISON—Kettle River Co. (Ties, Bridge, Timbers, etc)
WAUKEGAN—Chicago Creosoting Co. (Ties, Timber, etc)

INDIANA.

EVANSVILLE—Indiana Tie Co. (R R Ties)
MEDORA—Turney (Cross Ties)
RICHMOND—Johnson B. & Son (R. R. Ties, Piles, etc.)
TROY—Eberhard & Splater ("Ties")

IOWA.

DES MOINES—Church W. C., Lumber Co. (White Cedar, Ties, Poles & Posts)
Deal L. K. Lumber Co. (White Cedar Telephone Poles)
GRINNELL—Carney B. J. & Co.

KENTUCKY.

BUCKHORN—Eversole A. B. (Ties & Logs)
Huff & Findley Ties & Logs)
BURNSIDE—Greeno C. C.
CLOVERPORT — Weatherholt **Marion** (Ties)
DANVILLE—Taylor & Moss
ELIZABETHTOWN—Bond Bros. (R. R. Cross Ties)
FROZEN CREEK—Day J. T. (Ties)
GREENUP—Wilson & Biggs (Telephone Poles & Cross Ties)
HAZEL GREEN—Day J. T.
HEIDELBERG—Hall Louis (Cross Ties)
JOB—Tripp W. E. & Co. (R. R. Ties)
KEAVEY—Storm S. L. (Ties)
LOUISA—Northrup Jay H. (Ties)
LOUISVILLE—Hughes W. J. & Sons Co.
Ohio Valley Tie Co. (R. R. & Switch Ties)
MOREHEAD—Bradley S. M. (R. R. Ties)
PADUCAH—Paducah Pole & Timber Co. (Chestnut Telephone & Telegraph Poles)
Smith A. B. Lumber Co. (Southern Red Cedar Posts)
PAINTSVILLE—Cooper C. M. (R. R. Ties)
Maggard L. D. & Co. (Cross Ties)
PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Cross Ties, Fence Posts, Telephone Poles)

LOUISIANA.

ALEXANDRIA—Alexandria Lumber Co. (Ltd.)
BOGALUSA — American Creosoting Co. (Creosoted)
See adv index at end of book
DONNER—Dibert, Stark & Brown Cypress Co. (Ltd.)
LONGSTREET—Perry W. D. (Cross Ties)
MORGAN CITY—Bass & Pettigrew Timber Co.
Gulf Coast Timber Co.
NEW ORLEANS — American **Creosote Works (Creosoted Ties & Poles)** Southport

Creosoted Material Co., Inc., Queen & Crescent bldg
General Cooperage & Timber Co. (Ties), Whitney Central bldg.
St. James Timber Co., Ltd., 1110 Hibernia (Cross Ties), Whitney bldg
Salmen Brick & Lumber Co., Ltd. (Yellow Pine Poles, Cross Ties & Foundation Piling)
PATTERSON—Williams F. B. Cypress Co. (Ltd.), (Cpress Poles & Cross Arms)
PLAIN DEALING—Caldwell S. J. (R. R. Ties)
SLIDELL—Salmen Brick & Lumber Co. **(Ltd.), Yellow Pine Poles, Cross** Ties & Foundation Piling)
Southern Creosoting Co. (Ltd.) (Creosoted Ties, Telegraph Poles, Piles, Timbers, etc)

MAINE.

AUGUSTA—Viles & Gannet (Long & Short Lumber, Cedar Ties, Poles, Posts, Shingle)
PORTLAND—Allen Wm. A. Co., (Posts) Brown Co. (Kyanized Spruce)
STACYVILLE—Tracy M. M. (Ties)

MARYLAND.

BALTIMORE—Culpepper & Co. (Pine & White Oak Piles, Ties, Poles, etc), 22 E Lexington
Grube Herman L. (Ties, Poles, Posts, Piling, Mine Props, Heavy Timber, etc), American bldg
HOSKINS J. S. LUMBER MFG. CO. (Ties, Poles, Posts & Pine & Oak Piling), Md. Casualty Tower
BRANDYWINE—Robinson A. T. (Ties)
HAGERSTOWN—Funkhouser R. J. & Co.

MICHIGAN.

BAY CITY—Michigan Pipe Co. (Ties, Poles & Posts, Creosoted, also plain)
BOYNE CITY—White W. H. Co. (Cedar Ties & Posts)
CHEBOYGAN — Rittenhouse John C. (Cedar)
DAGGETT—Perrizo & Sons (Poles & Posts)
DETROIT—Brownlee Co. (Telegraph Poles), River Rouge
Detroit Cedar & Lumber Co., Dunni Bark bldg
Detroit Lumber Co., Jefferson & Junction avs
Grace Harbor Lumber Co. (Ties, Poles & Posts), ft Western blvd
ESCANABA—Erickson & Bissell (Cedar Ties, Poles, Posts — Tiling)
National Pole Co. (Red & White Cedar Poles)
GRAND RAPIDS—Dregge, Groover Lumber Co.
Northland Lumber Co.
Union City Lumber Co.
Warner-Newton Lumber Co. (Cedar Ties, Poles & Posts)
HARDWOOD—Anderson P. J.
HERMANSVILLE — Wisconsin Land & Lumber Co. (Cedar Ties, Poles & Posts)
INGALLS—Carley Ira
LUDINGTON—*Stearns Salt & Lumber Co. (Poles, etc)
MANISTIQUE—White Marble Lime Co. (Hemlock, Cedar & Tamarack Ties & Cedar Poles & Posts)
MENOMINEE — Crawford Cedar Co. (Cedar Telephone Poles)
Girard Lumber Co. (Ties, Poles & Posts)
Huebel C. J. Co. (Idaho Cedar & Michigan White Cedar Poles, 40 ft & up)
MONROE—Sterling W. C. & Son (Ties, Electric Light Poles, etc)
ONAWAY—Chandler Geo. M. (Michigan White Cedar)
Lobdell Emery Mfg. Co. (Ties, Poles Posts)
OSCODA—Loud H. M. Sons Co. (Poles & Posts)
PORT HURON—Haynes Lumber Co. (Posts)
RAPID RIVER—Madden Jerry Shingle Co.

MINNESOTA.

CLOQUET—Cloquet Tie & Post Co.
DULUTH—Duluth Log Co. (White Cedar Poles, Ties & Posts)
Martin Bros. (Cedar Ties, Poles & Posts)
National Pole Co. (Ties, Poles & Posts)
LITTLE FALLS—Pine Tree Mfg. Co. (White Pine & White Cedar Posts)
MINNEAPOLIS—Bell Lumber Co. (White **Cedar Telephone Poles) Security bldg.**
Coolidge & Schussler (Ties, Telegraph & Telephone Poles), Metropolitan Life bldg
Itasca Lumber Co. (Cedar Ties, Poles **& Posts) 827 Lumber Exchange**
Kettle River Co. (Ties, Bridge Timbers, etc) Plymouth bldg
Krueger A. L. Lumber Co. (Cedar Poles), 130 1st av N
Lewis F. H. (Idaho Cedar Poles) 631 Lumber Exchange
Lindsley Bros. Co., 31st & Univ. av, N. E.
McCulloch & Moss Lumber Co. **(White Cedar Poles, Ties & Piling) 310 Lumber Exch**
Morrison J. W. Lumber Co. **(White Cedar Poles) 927 Lumber Exchange**
Page & Hill Co. (Cedar Poles & Posts) **Plymouth bldg**
Partridge T. M. Lumber Co. (Ties, **Poles & Posts) 730 Lumber Exchange**
Standard Cedar & Lumber Co. **(White Cedar Poles & Posts) 511 Lumber Exchange**
Three States Cedar Co. (Cedar Poles) Plymouth bldg
Valentine-Clark Co. (Cedar Poles, Telegraph Poles, Railroad Ties, etc) Security bldg

MISSISSIPPI.

GULFPORT—Gulfport Creosoting Co. **(Ties, Poles, Piling, etc)**
MOORHEAD—Rich W. T. Lumber Co.

MISSOURI.

CABOOL—Grant-Davis Lumber Co. **(Oak** Piling, Fence Posts, Ties, etc)
DES ARC—Graves & Stamp (Red & White Oak Cross Ties)
KANSAS CITY—Sedgwick Tie Co. (Ties, Poles, etc.), 10th & Brodway
MONTGOMERY CITY—Ferguson James (R R Ties)
MOREHOUSE—Himmelberger - Harrison Lumber Co. (Ties Only)
POPLAR BLUFF—Leach Lbr. & Tie Co. (Ties, etc)
ST. LOUIS—Abeles & Taussig (White Oak Ties & Cypress Poles), Commercial bldg
Bagnell Timber Co. (Ties), Title Guarantee bldg
Berthold & Jennings Lumber Co. (Piling Telegraph Poles, Ties, etc), Arcade bldg
Chicago Lumber & Coal Co. (Poles & **Posts) East**
Egyptian Tie & Timber Co. (R. R. Cross Ties), Railway Exch. bldg
Griffen Geo. M. Lumber Co. (Oak & Cypress Piling, Telephone Poles, etc), 5722 Bartmer
Hearne Timber Co. (White & Red Oak Ties, Cypress Poles & Piling), Times bldg
Moss T. J. Tie Co. (Oak, Cypress & Chestnut Ties & Cypress Trolley Poles), Security bldg
Walsh Tie & Lumber Co. (Ties, etc.), Title Guaranty bldg
Western Tie & Timber Co. (Ties), Syndicate Trust bldg
SPRINGFIELD—Hobart-Lee Tie Co. (R R Ties & Lumber)

NEBRASKA.

OMAHA—Dodds Lumber Co. (Tenn. Red Cedar & Cypress Poles)
Nebraska Bridge Supply & Lumber Co. (Cedar)

NEW HAMPSHIRE.

MILFORD—Peirce W. E. & Co. (Ties, Poles & Posts)

NEW JERSEY.

CAMDEN—Baird David Co. (Poles & Posts, Trolley, etc)
ERMA—Hand Robt. E. (Ties, Posts & Piling)

NEW YORK.

ALBANY—Hunter Dexter (Ties)
BUFFALO—Curtiss W. L. (Ties), Birge bldg
Elias G. & Bro., 965 Elk
Jackson & Tindle (Cedar Ties, Poles & Posts)
GLENS FALLS—Leotaud A. B. (R. R. Cross Ties)
NEW YORK—American Bridge Co., 30 Church
American Creosoting Co. (Creosoted Ties & Timbers), 17 Battery pl
American Tie & Timber Co., 11 B'way
Baker-Bond Lumber Co., 405 Lexington av
Chesebro, Whitman Co. (Flag & Clothes Poles), 1167 1st av
Cooney, Eckstein & Co. (R R Ties), 66 Broad
Corbett & Co., 429 E 109th
Dooley-Killian Co., Inc. (R. R. Ties), 26 Cortlandt, New York
Eppinger & Russell Co., 165 B'way
Miner Stanley H. (Timbers, Poles, Dock Logs, etc), 17 Battery pl
Southern Exchange Co. (Southern White Cedar Poles), 97 Warren
Vanderbilt Edw. W. (Ties), 126 Liberty
Western Electric Co., 463 West
Wyckoff Pipe & Creosoting Co. **(Creosoted Ties & Poles), 30 E 42nd**
OSWEGO—Farwell J. B. & Co. (Cedar Poles)
WAVERLY—Baldwin H. J. & Son (Ties)

NORTH CAROLINA.

IVANHOE—Juniper Lumber Co., Inc. (White Cedar Poles)

OHIO.

CINCINNATI—Compressed Wood Preserving Co. **(Creosoted Ties, Timbers, etc) Spring Grove & Station** avs, Winton pl.
Doran & Co., Bell blk
Electric Railway Equipment Co. (Steel Tubular Poles), 2900H Cormany av
Farrin M. B. Lumber Co. (R R Ties, Poles, Fence Posts & Dock Piling), Station av & Winton pl
Mowbray & Robinson Co. (Ties, etc), 8th & Horn
Shawnee Lumber Co. (Ties, etc), 1775 Weber Cumminsville
CLEVELAND — Advance Lumber Co., Rockefeller bldg
FISHEL & MARKS CO., foot of Krakow av
See adv index at end of book
COLUMBUS—Dodson E. Saw Mill & Lumber Co. (Ties & Piling), 557 Cleveland av
IRONTON—Ironton Cross Tie Co. (Ties)
JACKSON—Stevenson Bros. (Cross Ties)
LUCASVILLE—Brant & Appel Co. (Cross Ties)
PEEBLES—Bashford E. A. (Cross Ties)
TOLEDO—Bissell F. Co. (Cedar, Chestnut & Cypress Poles & Wood Posts)
Jennison-Wright Co. (Creosoted Ties, Bridge Timbers, etc)
National Pole Co. (Cedar Poles)
Superior Post Co., 2907 Summit
Toledo Fence & Post Co., 2907 Summit
WASHINGTON C. H.—Baker G. D. (Ties)

OREGON.

PORTLAND—Broughton & Wiggins Co., Yeon bldg
Douglas Fir Lumber Co., Yeon bldg

PENNSYLVANIA.

EASTON—**SERFAS LUMBER CO.,** Drake bldg. *See adv index at end of book*
FRANKLIN—James W. J. (Chestnut)
NEWPORT—Sharon Samuel A.
PHILADELPHIA—Bernard Bros. (R R Ties, Switch Timbers, Pine & Oak Piling, Tel. Poles & Mine Props), Land Title bldg
COOK TIE & POLE CO. (R. R. Ties, Switch Timber, Pine & Oak Piling, Tel. Poles & Cross Arms), 919 Commercial Trust bldg
See adv index at end of book

TIES
Oak and Chestnut, Railroad and Trolley, Industrial, etc.
SWITCH TIMBERS
White Oak and Mixed Oak.
POLES
Chestnut and Cedar, Telephone, Telegraph, Electric, etc.
COOK TIE & POLE CO.
919 Commercial Trust Bldg., PHILADELPHIA, PA.

Hallowell & Souder (Sawed Ties Only), Harrison bldg
Risley C. V. (R. R. Ties), Bourse bldg
Roper Jno. L. Lumber Co. (Ties), Franklin Bank bldg
Thompson Lewis & Co. (R R Ties & Posts), N America bldg
Union Railway Supply Co. (Electric Railway Ties & Poles), Real Estate Trust Co. bldg
PITTSBURGH—American Bridge Co., Frick bldg
Gillespie D. L. & Co. (Ties), Oliver bldg
Henderson Lumber Co. (Chestnut Poles, Oak & Chestnut Ties), 316 4th av
Ohio Wood Preserving Co., Century bldg
Pittsburgh Wood Preserving Co., Century bldg.
Thompson Dwight (Cross Ties), House bldg
West Virginia Lumber Co., First National Bank bldg
ROCKWOOD—Wolf Penrose
THOMPSONTOWN—Thomson Theo. S. (Estate of) (Ties)
TIONESTA—Forman H. M. (Ties)

RHODE ISLAND.

PROVIDENCE—Walling H. E. (Poles & Ties), Union Trust bldg.

SOUTH CAROLINA.

ALCOLU—Alderman D. W. & Sons Co. (Octagonal or Square Poles)
CHARLESTON—Anderson Lumber Co. (Ties)

TENNESSEE.

MEMPHIS—Meredith J. P. Cedar Co. (Red Cedar Piling, Poles & Posts)
NASHVILLE—Nashville Tie Co. (Cross Ties & Cedar Pilings)
Ransom J. B. & Co. (Red Cedar Posts & Poles)

TIES, POLES & POSTS—continued

TEXAS.

BEAUMONT—Keith Lumber Co. (Ties)
Nona Mills Co. Ltd. (Ties)
GALVESTON—Heiskell Jas. M. (R R Ties)
International Creosoting & Const. Co. (Creosoted Ties, Bridge Timbers, Piling, Poles, etc)
HOUSTON—Bender C & Sons (Ties & Bridge Timbers)
Carter W. T. Lumber & Bldg. Co. (Ties, etc)
Continental Lumber Co.
Kirby Lumber Co. (Ties etc)
Texas & Louisiana Lumber Co. (Posts, Timbers, Ties, etc)

VIRGINIA.

NORFOLK—Jordon Bros. Lumber Co. Telephone, Telegraph & Trolley Poles—Southern White Cedar), 300 Main
Norfolk Creosoting Co. (Poles, Posts, Piling, etc.)
PORTSMOUTH—Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles)
RICHMOND—Conquest P. L. & Son (Cross Ties), Amer. Natl. Bank bldg
Johnson & Briggs (Ties), Mutual bldg
ROANOKE—Valley Tie & Lumber Co. (Cross Ties Only)
STAUNTON—Valley Tie & Lumber Co.

WASHINGTON.

COSMOPOLIS—Grays Harbor Commercial Co. (Cross Ties & Poles)
EVERETT—National Pole Co. (Red & White Cedar Poles)
HALL—Dayton Saw Mill & Lbr. Co. (Railway Cross Ties)
OSTRANDER—Ostrander Railway & Timber Co. (Long Fir Timbers & R. R. Ties)
PORT BLAKELEY—Port Blakeley Mill Co. (Ties)
PORT LUDLOW—Puget Mill Co., See San Francisco, Cal.
SEATTLE—Miller A. W. Saw Mill Co.
Northwest Lumber Co. (Spars, Piles & Telegraph Poles)
Pacific Fir Co. (Ties)
Parks Fred H. Lumber Co. (Fir Ties, Spars, Long Timbers, Cedar & Fir Poles & Piling), H Henry bldg
Puget Mill Co. (Fir Spars)
SPOKANE—Carney B. & J. Co.
Chapin E. T. Co.
Lindsley Bros. Co. (Cedar Poles)
Pacific Coast Pole Co. (Ties, Poles & Piling)
TACOMA—St. Paul & Tacoma Lumber Co. ("Douglass" Fir Piles, Ties, Bridge Material, etc)
Tacoma Mill Co. (Piles & Telephone Poles)
WINLOCK—O'Connell Lumber Co. (Poles & Piling up to 100 ft.)

WEST VIRGINIA.

CHARLESTON—Courtney Co. (R. R. Ties)
HUNTINGTON — Mercereau-Hawkins Tie Co.
RICHWOOD—Cherry River Boom & Lumber Co. (Telephone Poles, etc),

WISCONSIN.

CLINTONVILLE—Torrey Cedar Co. (Poles & Posts)
DUNBAR—Girard Lumber Co. (Ties, Poles & Posts)
GAGEN—Gagen Lbr. & Cedar Co.
GOODMAN—Goodman Lumber Co. (Cedar Poles & Posts)
GREEN BAY—Northland Lumber Co. (Posts)
Valentine-Clark Co. (Cedar Ties, Poles, etc)
MADISON—Collins Esslen Lumber Co. (Posts & Ties)
MARSHFIELD—Connor R. Co. (Cedar Poles & Posts)
MILWAUKEE—MacGillis & Gibbs Co., Wells bldg
OSHKOSH—Morgan Co. (Cedar Poles & Posts)
RHINELANDER — Robbins Lumber Co. (Cedar Posts)
TOMAHAWK—Brooks Hall L. (Cedar Posts, etc)
WITTENBERG—Glaubitz R. B. (Posts & Poles)
Wheeler-Arnold Co.

15566—Ties (Reinforcing Material)

Bragstad Concrete Machy. Co., Inc., Canton, S. Dak.
Concrete Steel Co., 42 Broadway, New York
Neevell Mfg. Co., Kansas City, Mo.

15567— Ties (Steel)

Bossert Corp. The, cor. Linden & West av, Utica, N. Y.
Cambria Steel Co. ("Slick" Mine), Widener bldg, Philadelphia, Pa.
CENTRAL FROG & SWITCH CO. (For Mines & Industrial Plants), Cincinnati, O. *See adv index at end of book*
Concrete Steel Co., 42 Broadway, New York
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairmont Mining Machinery Co. (For Mines), Fairmont, W. Va.
Fishel & Marks Co., ft. of Krakow av, Cleveland, O. *See adv index at end of book*
SWEET'S STEEL CO., Williamsport, Pa. *See adv index at end of book*
Valley Forging Co., Verona, Pa.

15568—Ties (Steel Railroad)

American Bridge Co. (Pressed for Street & Steam Railways), 30 Church, New York
Bossert Corp. The, cor. Linden & West av, Utica, N. Y.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
International Steel Tie Co. (Twin Ties), 16702 Waterloo av, Cleveland, O.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Port Blakeley Mill Co., 351H California

Ties (Veneer)

See Ties, Wall

15569— Ties (Wall)

American Rolling Mill Co. ("Miami," "Bull Dog" & "Veneer"), Middletown, O.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
Beatrice Steel Tank Mfg. Co. ("New-Way"),' Beatrice, Neb.
Berger Mfg. Co., Canton, O.
Bostwick Steel Lath Co. ("Bostwick" Galvanized), Niles, O.
Burton W. J. Co. (Brock & Cement), Junction & Federal av, Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Bragstad Concrete Mchy. Co., Canton, S. Dak.
Campbell Wire Specialty Works, South Bend, Ind.
Church Appliance Mfg. Co. ("Excelsior," Wire "Umpire" Sheet Steel), La Salle, Ill.
Clark W. J. Co., Salem, O.
Concrete Steel Co., 42 Broadway, New York
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duplex Hanger Co. ("Cleveland" Galvanized & Corrugated), E 53rd & Lakeside av, Cleveland, O.
EDWARDS MFG. CO., The, 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Hamblin & Russell Mfg. Co. ("Standard" Perforated Steel), Worcester, Mass.
Harry O. K. Steel Works, Dallas, Texas
Hastings Foundry & Iron Works, Hastings, Neb.
Holzer R. G. (Est. of) (Galvanized), New Orleans, La.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Johnston J. D., Newport, R. I.
Klauer Mfg. Co., Dubuque, Ia.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
McDowell Mfg. Co. ("Pittsburgh" Steel), Stanton av, Pittsburgh, Pa.
Mercer Mfg. Co. ("Myers"), Mercer, Pa.
Merwin Mfg. Co. ("Herringbone" Galvanized), Erie, Pa.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Minnesota Tank & Silo Co., 920 6th av., Minneapolis, Minn.
New Orleans Roofing & Metal Co. ("Nola"), Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co. (Steel, Galvanized), Newport, Ky.
Niagara Falls Metal Stamping Works ("Niagara" Veneer Galvanized for Concrete Block or Brick Walls), Niagara Falls, N. Y.
Norman W. F. Sheet Metal Mfg. Co. (Galvanized Sheet Metal), Nevada, Mo.
Page Steel & Wire Co. ("Page"), Adrian, Mich.
Peters Jas. & Son (Steel), 1934 N Front, Phila., Pa.
Prescott J. B. & Son ("Morse" Ties & Bonds), Webster, Mass.
Reeves Mfg. Co., Dover, O.
Robertson W. F. Steel & Iron Co. (Galvanized Steel), Elm & Commerce, Cincinnati, O.
Rutledge Co., 618 Michigan av, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2540-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Souther E. E. Iron Co. (Galvanized), Klenlin & Hamburger, St. Louis, Mo.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Sykes Metal Lath & Roofing Co., Niles, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.
Willis Mfg. Co., Galesburg, Ill.

15570— Ties (Wall for Concrete Forms)

Clark W. J. Co., Salem, O.
Concrete Steel Co., 42 Broadway, New York
Decker Mfg. Co., Keokuk, Ia.
Gracey R. & Sons, 115 First av, Pittsburgh, Pa.

15570a—Ties & Tyers (Bag)

Atlantic Jute Mills ("Atlantic"), Norfolk, Va.
Bates Valve Bab Co., 7310 So Chicago av, Chicago, Ill.
Charlotte Waste Co., Charlotte, N. C.
Curry J. P. Mfg. Co. ("Curry"), 280 Madison av, New York
Friedlander Julius & Co., Columbus, Ga.

15571— Tighteners (Chain)

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Link-Belt Company, 300 W. 39th, Chicago, Ill. *See adv index at end of book*

15571a—Tile (Acid Proof for Chemical Works)

Catlin R. H. Co., Wilmington, Del.
General Ceramics Co., 50 Church, New York
Hood B. Mifflin, Atlanta, Ga.
Knight Maurice A., Akron, O.
Thermal Syndicate, Ltd., 50 E 41st, New York
Wiederholdt Constr. Co., Old Bank of Commerce bldg, St. Louis, Mo.

15572—Tile (Art & Decorative)

See also Tile, Encaustic Floor

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Am. Mosaic & Tile Co., Dept. H, Louisville, Ky.
Associated Tile Mfrs., Masanic bldg, Beaver Falls, Pa.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Bradbury Marble Co., 5165 Ducan, St. Louis, Mo.
Brunt Tile & Porcelain Co., Columbus, O.
Cal. Brick Co., 604 Mission, San Francisco
Cambridge Tile Mfg. Co. (& House Number), Dept. H, Covington, Ky.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill. *See adv index at end of book*
Columbus Sewer Pipe Co., Columbus, Ga.
Corry Art Stone Co., Corry, Pa.
De Smet Quartz Tile Co., 135 W Washington, Chicago, Ill.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Fiske & Co. ("Tapestry"), 30 Franklin, Boston, Mass.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Hawes & Dodd, 59 E Adams, Chicago, Ill.
JACKSON EDWIN A. & BRO. (INC.) (Dealers in All Kinds), 50 Beekman, New York *See adv index at end of book*
Jackson Wm. H. Company (Dealers in All Kinds of Art & Decorative Tiles), 2 W 47th, New York
Lage B. H., 484 Greenwich, New York
Macomb Sewer Pipe Works, Macomb, Ill.
Mosaic Tile Co. (Ceramic, Enameled & Glazed), Zanesville, O.
Martin Brick Co., Empire bldg., Pittsburgh, Pa.
Matawan Tile Co., Matawan, N. J.
Mueller Mosaic Co., Trenton, N. J.
National Tile Co., Anderson, Ind.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Richardson E. H., 77H O'Farrell, San Francisco, Cal.
Robertson Art Tile Co., Morrisville, Pa.
Rookwood Pottery Co., Rookwood Pt. Mt. Ad, Cincinnati, O.
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
UPSON CO ("Upson-Fibre Tile"), Lockport, N. Y. *See adv index at end of book*
Yingling Martin Brick Co., Pittsburgh, Pa.

15573— Tile (Bake Oven)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
Cambridge Tile Mfg. Co., Dept. H, Covington, Ky.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Fiske & Co., 30 Franklin, Boston, Mass.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Maurer Henry & Son, 420 E 23d, New York
Presbrey Stove Lining Co., Taunton, Mass.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.

15573a— Tile (Boiler)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.

Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Missouri Fire Brick Co., Security bldg, St. Louis, Mo.

15574— Tile (Book)

United States Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

Tiles (Building)

See Specific Heading

15575—Tile (Cement Floor)

Corry Art Stone Co., Corry, Pa.
De Smet Quartz Tile Co., 133 W Washington, Chicago, Ill.
National Mosaic Tile Co., Mobile, Ala.
SPECIAL SERVICE FLOORING CORP., 2009 Grand Central Terminal, New York
U. S. Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

15576—Tile (Ceramic) Mosaic Floor

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Art Mosaic & Tile Co. Toledo, O.
Associated Tile Mfrs. Mosanic bldg, Beaver Falls, Pa.
Atlantic Tile Mfg. Co., Matawan, N. J.
Brooklyn Vitrified Tile Wks., 75 4th, Brooklyn, N. Y.
Brunt Tile & Porcelain Co., Columbus, O.
Cambridge Tile Mfg. Co., Covington, Ky.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Kenilworth Tile Co., Newell, W. Va.
Lage B. H., 484 Greenwich, New York. Factory: Menlopark, N. J.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
Mueller Mosaic Co., Trenton, N. J.
National Mosaic Co., 338 Pennsylvania av, Washington, D. C.
National Mosaic Tile Co. ("Adamantile"), Mobile, Ala.
National Mosaic Tile Co., 2101 S Kedzie av, Chicago, Ill.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, Ohio
Pardee C. Works, Perth Amboy, N. J.
Perth Amboy Tile Wks., Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Traitel Marble Co., Webster av & E R, Long Island City, N. Y.
Trent Tile Co. (Vitrified & Glazed), Trenton, N. J.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
Wheeling Tile Co., Wheeling, W. Va.

15577-8— Tile (Cork)

Dreadnought Flooring Co. ("Dreadnought" Interlocking), 154 W 18th, New York
Kennedy David E. Inc. ("Nonpariel"), 63 W 14th, New York
Marbleoid Co. ("Marbleoid"), 47 W 34th, New York
United Cork Cos. ("Crescent"), 50 Church, New York

15579— Tile (Drain)

See also Firms in Brick, Common, with the word Tile following their name
Ada Clay Co., Ada, O.
Akron Vitrified Clay Mfg. Co., Akron, O.
American Clay Products Co., 175 5th av, New York
American Fire Brick Co., Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Arbuckle & Son, Rays Crossing, Ind.
Argillo Works, Carbon Cliff, Ill.
Armstrong Mfg. Co., Hicksville, Ohio
Athens Brick & Tile Co., Athens, Texas
Ayer, McCarel & Reagon Clay Co., Brazil, Ind.
Bannon F. Pipe Co. (Farm), Louisville, Ky.
Bell C., Craigville, Ind.
Biglow E. Co., New London, O.
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatmen's Bank bldg, St. Louis, Mo.
Boone Brick, Tile & Paving Co., Boone, Ia.
Bradshaw & Co., Fort Dodge, Ia.
Brandt Clay Products Co., Binghamton, N. Y. Works: Brandt, Pa.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Columbus Sewer Pipe Co., Columbus, Ga.
Cooper Jno., 111 Clay, Brooklyn, N. Y.
Daubenmire C. E., Union City, Ind.
Dawson Brick & Tile Co., Springfield, Ill.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill. Works: Mecca, Ind.
Delaware Clay Mfg. Co., Delaware, O.
Delta Cement Tile Co., Greenville, Miss.
Denman W. M., West Unity, O.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Dickson Bros., Whiteland, Ind.
Diefethaler Co., Mullbury, O.
Duffy J. P. Co., 207 E 138th, New York
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Everal F. H. & Co., Westerville, O.
Far West Clay Co., Tacoma, Wash.
First Av Brick & Tile Co., Evansville, Ind.
Franklin Brick & Tile Co., 8 E Long, Columbus, O.
Fraser Brick Co., Dallas, Tex.
Gerhard F. J., 110 Belmont av, Newark, N. J.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal.
Greer-Beatty Clay Co., Magnolia, O.
Grinnell Clay Products Co., Grinnell, Ia.
Hillsboro Brick & Tile Co., Hillsboro, Ill.
Hobbs Drain Tile Co., Hobbs, Ind.
Humbolt Gravel & Tile Co. (Concrete), Humbolt, Iowa
Indiana Drain Tile Co. (Made from Shale), Brooklyn, Ind.
Iowa Pipe & Tile Co., Des Moines, Ia.
Jackson John H. Tile Co., Albany, N. Y.
Kankakee Tile & Brick Co., Kankakee, Ill.
Lancaster Brick & Tile Co. Builders' Exch., Buffalo, N. Y.
Lee M. J. Drain Tile Co. (4 to 30 inches), Colfax, Ind.
Lehigh Sewer Pipe & Tile Co. (Salt Glazed Vitrified Only), Fort Dodge, Ia.
Lindley Thomas F., Kempton, Ind.
Longmont Brick & Tile Co. ("Lo-Tex"), Longmont, Colo.
Lyth Tile Co., 202 Pearl, Buffalo, N. Y.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Manchester Shale Brick Co., Harrisburg, Pa.
Manteno Brick & Tile Co., Manteno, Ill.
Mason City Brick & Tile Co., Mason City, Iowa
Mason City Clay Works, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Mason H. R., Monroeville, O.
Merrick C. H. (Farm), Syracuse, N. Y.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Morey Clay Products Co. (Brick & Tile), Ottumwa, Ia.
Morral Clay Co., Morral, O.
Mushet W. E. Co. (Jobbers), 502H Mission, San Francisco, Cal.
National Clay Works, Mason City, Iowa
National Drain Tile Co., Terre Haute, Ind.
National Fire Proofing Co., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Northwestern Clay Mfg. Co. (Vitrified), Aledo, Ill.
Oconee Brick & Tile Co., Milledgeville, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Orestes Drain Tile Co., Orestes, Ind.
Platt Pressed & Fire Brick Co. (Agricultural), Van Meter, Ia.
Plymouth Clay Products Co. (Vitrified), Fort Dodge, Ia.
Pomona Terra Cotta Co., Pomona, N. C.
Portland Drain Tile Co., Portland, Ind.
Prame F. J., Shiloh, Ohio
Red Wing Sewer Pipe Co., Red Wing, Minn
Richeson, Nelson & Moore, Greenville, O.
Roanoke Drain Tile Co., Roanoke, Ind.
Robinson Clay Product Co., Akron, O.
Robinson T. & Co., Real Estate Tr. bldg, Phila., Pa.
Rockport Drain & Tile Co., Rockport, Ind.
San Antonio Sewer Pipe Works, San Antonio, Texas
Shaffer G. W., Spencerville, O.
Sieg John A., Marshallton, Ia.
Sioux City Brick & Tile Co., Sioux City, Ia.
Somerville Thos. Co., 312 13th. N W, Washington, D. C.
Southern Brick & Tile Co., Louisville, Ky.
Southern Sewer Pipe Co. (Farm), Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Stevens' H. Sons Co., Macon, Ga.
Stoneware Pipe Co., East Alton, Ill.
Stookey D. W., Cedar Rapids, Ia.
Streator Clay Mfg. Co., Streator, Ill.
Streator Drain Tile Co., Streator, Ill.
Summitville Drain Tile Co., Summitville, Ind.
Sweetsers Drain Tile Co., Sweetsers, Ind.
Texarkana Pipe Works, Texarkana, Ark.
Twin City Fuel Co., Neenah, Wis.
Union Sewer Pipe Co., McKeesport, Pa.
Vigo-Amer. Clay Co., Terre Haute, Ind.
Vigo Tile & Brick Co., Vigo, O.
Washington Brick, Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.
Waynesfield Drain Tile Co., Waynesfield, O.
Whitacre-Greer Fireproofing Co., Waynesburg, O.
Williams N. A. Co., 133 W Wash., Chicago, Ill.
Winslow & Co., Portland, Me.
Zuber Drain Tile Co., Columbia City, Ind.

15580— Tile (Enameled)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
Mosaic Tile Co., Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Tiffany Enamel Brick Co., Momence, Ill.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15581—Tile (Enameled Metal)

New York Metal Ceiling Co. ("Enametile"), 537 W 24th, New York
Northrop Coburn & Dodge Co. ("No-Co-Do"), 120 Liberty, New York
Phoenix Metal Tile Co., 193 Pearl, Brooklyn, N. Y.
Stengel Bros. Co. ("Metile" & "Excelltile"), Thompson & Chrtrs., Pittsburgh, Pa.

15582—Tile (Encaustic Floor)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, Ohio
Mueller Mosaic Co., Trenton, N. J.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15583— Tile (Fibre)

UPSON CO. ("Upson-Fibre Tile"), Lockport, N. Y. *See adv index at end of book*

15583a— Tile (Fire Clay)

Hoffman Chas. V. Co., Inc., 95 Liberty, New York
Crescent Refractories Co., Curwensville, Pa. *See adv index at end of book*
Denver Fire Clay Co., Denver, Colo.

15584—Tile (Fire Proofing or Partition)

Cal. Brick Co., 604 Mission, San Francisco, Cal.
Cameron Clay Products Co., Cameron, Pa.
Cameron Clay Products Co., Emporium, Pa.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Cleveland Bldrs.' Supply & Brick Co., H, Leader-News bldg, Cleveland, O.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Fraser Brick Co., Dallas, Tex.
Indiana Drain Tile Co. (3 to 12 inches, Made from Shale), Brooklyn, Ind.
Metropolitan Paving Brick Co., Canton, Ohio
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Oconee Brick & Tile Co., Milledgeville, Ga.
Pittsburgh Clay Products Co., Keenan bldg, Pittsburgh, Pa.

15585—Tile (Floor or Porch)

Am. Mosaic & Tile Co., Dept. H, Louisville, Ky.
Associated Tile Mfrs., Masonic bldg, Beaver Falls, Pa.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Cleveland Bldrs.' Supply & Brick Co., H, Leader-News bldg, Cleveland, O.
Corry Brick & Tile Co. (Vitrified Red), Corry, Pa.
De Smet Quartz Tile Co., 133 W Washington, Chicago, Ill.
Goldsmith Metal Lath Co. (Metal Fireproof Floor), 53 Central av, Cincinnati, O.

TILE (FLOOR OR PORCH)—continued
Hawes & Dodd, 59 E Adams, Chicago, Ill.
Keystone Solether Corp. (Floor), 320 B'way, New York
Lorenzen Chas. F. & Co., 521 W Monroe, Chicago, Ill.
Martin Brick Co., Empire bldg, Pittsburgh, Pa.
Oconee Brick & Tile Co., Milledgeville, Ga.
Pa. Structural Slate Co., Drake bldg, Easton, Pa.
Ridgeway Brick Co., Ridgeway, Pa.
Rockwood Pottery Co., Cincinnati, O.
Washington Brick Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.
Yingling Martin Brick Co. ("Promenade"), Pittsburgh, Pa.

15585a— Tile (Furnace)

Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Livermore Fire Brick Wks., 604 Mission, San Francisco, Cal.
Washington Brick Lime & Sewer Pipe Co. ("Waco"), Spokane, Wash.

15586— Tile (Glass)

Opalite Tile Co. ("Cosmos," "Opalite"), Monaca, Pa.

15587— Tile (Gypsum)

Hunkins-Willis Lime & Cement Co. (Dirs., Partition), Century bldg, St. Louis, Mo.
Keystone Fireproofing Co., Chester, Pa.
Robinson T. & Co., H, Real Estate Tr. bldg, Phila., Pa.
United States Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

15587a—Tile (Hollow) Building

Cal. Brick Co., 604 Mission, San Francisco, Cal.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Coffeyville Shale Products Co., Coffeyville, Kan.
Coral Ridge Clay Products Co., Inter-Southern bldg, Louisville, Ky.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Longmont Brick & Tile Co. ("Lo-Tex"), Longmont, Colo.
Macomb Sewer Pipe Works, Macomb, Ill.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
Salmen Brick & Lumber Co., Ltd., Whitney bldg, New Orleans, La.
NATIONAL FIRE PROOFING CO., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Clay Products Co., Keenan bldg, Pittsburgh, Pa.

15588—*Tile (Illuminating Wholesale Mfrs.)

RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

15589— Tile Importers

Mart & Lawton (Milton Holling & Co.'s English Glazed Tile), 1123 B'way, New York
Revis Wm. H., Inc. ("Welsh"), 140 W 42nd, New York

15590-1—Tile ("Moravian")

Moravian Pottery & Tile Works (Glazed & Unglazed in Various Colors), Doylestown, Pa.

Tile (Mosaic)

See Tile, Ceramic Mosaic Floor; also Mosaics, Floor

15592—Tile (Non-absorbent Floor)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., Perth Amboy, N. J.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Trent Tile Co., Trenton, N. J.

15593— Tile (Quarry)

Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Revis Wm. H., Inc. ("Welsh" Imp.), 140 W 42nd, New York
United States Roofing Tile Co., Parkersburg, W. Va.

15594—Tile (Recuperator Flue)

Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.

Tile (Roofing)

See Roofing Tile, Various Kinds

15595— Tile (Rubber)

See also Mats & Matting, Rubber
Combination Rubber Mfg. Co., Bloomfield, N. J.
Goodrich B. F. Co. (Interlocking), Akron, Ohio
Goodyear Tire & Rubber Co. (Interlocking), Akron, O.
Hewitt Rubber Co. (Inlaid), Buffalo, N. Y.
International Rubber Co., 120 B'way, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Interlocking), 91 Chambers, New York
Pennsylvania Rubber Co. ("Pennsylvania" Interlocking), Jeannette, Pa.
Salisbury W. H. & Co. ("Velvet"), 308 N Madison, Chicago, Ill.
United & Globe Ruber & Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Interlocking), Goshen, Ind.

15595a— Tile (Sewer)

Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
Columbus Sewer Pipe Co., Columbus, Ga.
Dickey W S Clay Mfg. Co., Kansas City, Mo.
Macomb Sewer Pipe Works, Macomb, Ill.
Macon Sewer Pipe Works, Macon, Ga.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.
National Fire Proofing Co., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
Ogden Sewer Pipe & Clay Co., Ogden, Utah
San Antonio Sewer Pipe Works, San Antonio, Texas
Southern Sewer Pipe Works, Birmingham, Ala.
Standard Sewer Pipe Works, Rome, Ga.
Texarkana Pipe Works, Texarkana, Ark.

15596— Tile (Sidewalks)

See also Brick Manufacturers, Vitrified Paving
Nelsonville Brick Co., Nelsonville, O.

Tile (Slate)

See Slate Floor Tile

15596a—Tile (Terra Cotta Partition)

Cal. Brick Co., 604 Mission, San Francisco, Cal.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
Miller & Coulson (Dealer), 5748 Ellsworth av, Pittsburgh, Pa.

15597— Tile (Terra Vitrea)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Matawan Tile Co., Matawan, N. J.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15598—Tile (Vitreous Floor)

Akron Roofing Tile Co. (Quarries), Brook st, Akron, O.
Alexander & Reid Co., 355 W 36th, New York
Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Brooklyn Vitrified Tile Works, 75 4th, Brooklyn, N. Y.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Cambridge Tile Mfg. Co., Covington, Ky.
Fiske & Co., 30 Franklin, Boston, Mass.
Fleming & Co. (Red, Buff & Black Quarries), 253 B'way, New York
Lage B. H., 484 Greenwich, New York
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co. (Also Semi-Vitreous or Encaustic), Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Perth Amboy Tile Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Rossman Robert Co., 154 W 49th, New York
Trent Tile Co. (White & Colored), Trenton, N. J.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
U. S. Roofing Tile Co., Parkersburg, W. Va.
Wheeling Tile Co., Wheeling, W. Va.

Tile (Wall)

See Tile, Art & Decorative

Tiling (Acid Proof)

See Brick, Acid Proof

Tiling (Interlocking Rubber)

See Firms in Tile, Rubber, with the word "Interlocking" following their Name

15599-600— Tillers (Boat)

Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

Tills (Alarm)

See Drawers, Cash or Money

Time Detectors

See Clocks, Watchman's

15601-2— Time Recorders

See also Recorders, Time
American Watchman's Clock Co., 150 Nassau, New York
Cleveland Magneto Watchman's Clock Co., 150 Nassau, New York
HOWARD E. CLOCK CO., Broomfield & Washington, Boston, Mass.
See adv index at end of book
Pettes & Randall Co., 150 Nassau, New York
Simplex Time Recorder Co., Gardner, Mass.

15603— Timers (Egg)

Cassady Fairbank Mfg. Co., 6126 S Lasalle, Chicago, Ill.
Silver & Co., 304 Hewes, B'klyn, N. Y.

15604— Timers (Spark)

Akar Ignition Co. ("Akar") 149 W Berkley, Phila., Pa.
American Coil Co., Foxboro, Mass.
Barcy Nicholson Co. (For Fords), 837 W Fort, Detroit, Mich.
Byrne, Kingston & Co., Kokomo, Ind.
Connecticut Telephone & Electric Co., Meriden, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Dow Mfg. Co., Braintree, Mass.
Fulmer C. F. ("Invincible"), Plainfield, N. J.
Heinze Electric Co., Lowell, Mass.
Hill-Smith Metal Goods Co. ("H. S." **for Automobiles), 82 Brookline av,** Boston, Mass.
Kokomo Electric Co., Kokomo, Ind.
McCulloch A. P. Machine Co. ("McCulloch" **for Ford Cars), 216 High,** Boston. Mass.
Milwaukee Auto Eng. & Supply Co., 841 29th, Milwaukee, Wis.
Mosler A. R. & Co. ("Eccentric"), Mount Vernon, N. Y.
New York Coil Co., 338 Pearl, New York
Post & Lester Co. ("E. I. C."), Hartford, Conn.
Powell Muffler & Timer Co. ("Twentieth Century"), Utica, N. Y.
Schug Elec. Mfg. Co., 252 E Larned, Detroit, Mich.
Spitdorf Electrical Co., 98 Warren, Newark, N. J.

BAR, PIG, PIPE, WIRE **TIN**
UNION SMELTING & REFINING CO., INC.
New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

15605— Tin (Bar & Pig)

American Smelting & Refining Co., 120 B'way, New York
Balfour, Guthrie & Co. (Imp.), 350 California, San Francisco, Cal.
Brooklyn Alloys Co., 17 Walton, Bklyn, N. Y.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Chadwick-Boston Lead Co., Boston, Mass.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Conn. Metal & Chemical Co., New Britain, Conn.
Eagle Smelting & Refining Works, 233 B'way, New York
Furukava & Co., Ltd. (Imp.), 120 Broadway, New York
Gilbert A. & Sons Brass Foundry Co., 4019 Forrest Park bldg, St. Louis, Mo.

Hayman Mich'l & Co., Buffalo, N. Y.
Hendricks Bros., 49 Cliff, New York
Iaborga Rafael (Miners & Imp.), 233 Broadway, New York
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jacobson L. M. & Sons & Co. (Bar), 70 Catherine, Detroit, Mich.
Lazarus Lewis & Sons (Imp.), 61 Broadway, New York
Lewis John T. & Bros. Co. (Bar), Lafayette bldg, Phila., Pa.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
McInnes Charles E. & Co. (Pig), Mariner & Merchants bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York
More-Jones Brass & Metal Co. (Bars), B'way & Dock, New St. Louis, Mo.
Nassau Smelting & Refining Works, 609 W 29th, New York
National Copper Refining Co. (Pig), 7003 Quincy, Cleveland, O.
Norden A. & Co. (Imp.), Cotton Exch. bldg, New York
O'Connor J. J. & Co. (Dealer), 1st Natl. Bank bldg, Pittsburgh, Pa.
Peerless Alloy Co., Denver, Colo.
Pope Trading Co. (Dealers & Importers), 90 West, New York
Pressprich & Son Co. (Imp.), 96 Wall, New York
Selby Smelting Works, 201 1st, San Francisco, Cal.
Seligman Arthur (Pig Imp.), 165 B'way, New York
Sofransoy H. Co., Allentown, Pa.
Taylor N. & G Co. (Imp. Pig Tin), 300 Chestnut, Phila., Pa.
Trench C. S. & Co., 81 Fulton, New York
Trotter Nathan & Co. (Imp. Pig Tin), 36 N Front, Phila., Pa.
Union Smelting & Refining Co. Inc. ("Usarco"), 63 Park Row, New York
See adv index at end of book
Union Smelting & Refining Co., St. Charles, Newark, N. J.
United Lead Co. (Bar Tin), 111 B'way, New York
United Smelting & Aluminum Co. (Jobbers), 183-189 Commerce, New Haven, Conn.
United States Reduction Co., E Chicago, Ind.
Vernon Metal & Produce Co., 25 Beaver, New York
Vulcan Detinning Co. (Pig Tin), Sewaren, N. J.
Wensley Metal Products Co., Denver, Colo.
Winter Son & Co. (Pig Imp.), 64 Wall, New York
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

15605a— Tin (Bi-Chloride)

Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio
Metal & Thermit Corp., 120 B'way, New York
Republic Chemical Co., Inc., Neville Island, Pittsburgh, Pa.

15606-7— Tin (Block)

Brooklyn Alloys Co., 17 Walton, Bklyn, N. Y.
Chadwick-Boston Lead Co. (Sheet), Boston, Mass.
United Lead Co. (Sheet), 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

15607a— Tin (Chloride)

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Fuller Ralph L. & Co., Inc., New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Warren Products Co., 265 Canal, New York
See adv index at end of book

15608— Tin Crystals

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Republic Chemical Co., Inc., Neville Island, Pittsburgh, Pa.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

15608a— Tin (Feathered)

Wiarda John C. & Co., 273 Greene, B'klyn, New York

15609— Tin Foil

Budde & Westermann, 7th av & 29th, New York
Conley Foil Co. (Wrapping Machine Foil), 541 W 25th, New York
Crooke Jno. J. Co., 68 William, New York
Hutchinson, W. H. & Son, 2101 Walnut, Chicago, Ill.
Johnston Tin Foil & Metal Co., 6106H S B'way, St. Louis, Mo.
Lehmaier, Schwartz & Co., 207 E 22nd, New York
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Wittemann Bros., 41 Ferris, Brooklyn, N.Y.

15609a1—*Tin Mill Equipment

Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

TIN MILL EQUIPMENT
Sheet and Tin Plate Mills, Shears, Rope Drives, Pickling Machines
MESTA MACHINE COMPANY
Pittsburgh, Pa., U. S. A.

15609b— Tin Oxide

See also Oxide of Tin

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Republic Chemical Co., Inc., Neville Island, Pittsburgh, Pa.
Vitro Manfg. Co., H, Bessemer bldg, Pittsburgh, Pa.

15609c—Tin Oxide Substitute

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

15610— Tin Plate Bars

See also Black Plates for Tinning

Andrews Steel Co. (Acid & Basic Open Hearth Steel), Newport, Ky.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer Steel), Carnegie bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
See Branch Offices Alphabetical Section.
Taylor N. & G. Co. Inc., 300H Chestnut, Phila., Pa.

Tin Plate Dipperies

See Tin Plate Manufacturers

15611—*Tin Plate Importers

Leavitt C. W. & Co. (Imp. Pig), 34 Church, New York *See adv index at end of book*

15612— Tin Plate Mfrs.

See also Black Plates for Tinning; Also Tin Plate Bars

American Sheet & Tin Plate Co. (Tin & Terne Plate), Frick bldg, Pittsburgh, Pa.
American Steel Co., Park bldg, Pittsburgh, Pa.
American Tin & Terne Plate Co., 24th & Vine, Philadelphia, Pa.
Berger Mfg. Co., Canton, O.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Buhl Stamping Co. (Tin Plate for Their Own Consumption Only), Scotten, Detroit, Mich.
Canonsburg Steel & Iron Works (Tin & Terne Plate), Canonsburg, Pa.
Carnahan Tin Plate & Sheet Co., Canton, Ohio
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Follansbee Bros. Co. (Bright Charcoal, Tin & Terne Plate, "Banfield Best Bright," "Gilbert" & "Rosedale"), 3rd & Liberty, Pittsburgh, Pa.
Fuller Steel & Iron Co., Park bldg, Pittsburgh, Pa. *See adv index at end of book*
Griffiths Charcoal Iron Mills (Tin Plate Only), Washington, Pa.
Heim L. J. & Co. ("Hamilton"), Park bldg, Pittsburgh, Pa.
Hibbard Spencer Bartlett Co., 303 N State, Chicago, Ill.
Hudson Sheet & Tin Plate Co., Hickox bldg, Cleveland, O.
Independent Steel Corp., 111 Broad, New York
Iron Trade Products Co. (Terne Plate), Soule Edw. L. Co. (Iron & Steel Products, Fargers Bank, Pittsburgh, Pa. Rialto bldg, San Francisco, Cal.
See adv index at end of book
Jones & Laughlin Steel Co. (Bright Coke Plates; also Black Plate), Ross, Pittsburgh, Pa.
Lalance & Grosjean Mfg. Co. (Tin Plate for Their Own Consumption Only), 299 B'way, New York
Larkin J. K. & Co. (& Terne), 253 B'way, New York *See adv index at end of book*
McKeesport Tin Plate Co. (Tin Plate Only), McKeesport, Pa.
Mansfield Sheet & Tin Plate Co., Mansfield, O.
Merchant & Evans Co. (Bright & Roofing), Washington av & 21st, Phila., Pa.
Meurer Geo C. Co. (Tin & Terne Plate, Buy Black Plates), 22 Clay, Brooklyn, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Corrugating Co., Warren, Ohio
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Piper J. A. Roofing Co., Greenville, S. C.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co., Buffalo, N. Y.
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Standard Tin Plate Co. (Tin & Terne Plate), Cannonsburg, Pa.
Taylor N. & G. Co. (Tin & Terne Plate & Roofing), Mariner & Merchant bldg, Phila., Pa.
Trumbull Steel Co., Warren, O.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Washington Tin Plate Co. (Tin & Terne Plate), Washington, Pa.
Weirton Steel Co. (Tin & Terne Plate, Cokes & Charcoal), Weirton, W. Va.
Wheeling Steel & Iron Co. (Tin Plate Only), Wheeling, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Tin & Terne Plate, Coke & Charcoal Bright Plates), Wheeling, W. Va.

15613—Tin Plate, Metals, Etc.

See also Roofing & Siding, Iron & Steel; also Tin Plate Manufacturers

ALABAMA.

MOBILE—Mobile Steel Co.
NEW DECATUR—Decatur Cornice & Roofing Co.

ARKANSAS.

LITTLE ROCK—Fones Bros. Hdw. Co.

CALIFORNIA.

LOS ANGELES—Harper & Reynolds Co., 152 N Main
Holbrook, Merrill & Stetson, 750 S Central av
SAN DIEGO—Western Metal Supply Co.
SAN FRANCISCO—Baker, Hamilton & Pacific Co., 7th & Townsend
Balfour, Guthrie & Co., 350 California
Dalziel-Moller Co., 556 Mission
Dunham, Carrigan & Hayden Co. (also Iron & Steel), Kansas & Division
Garrett W. T. & Co., 299 Fremont
Holbrook, Merrill & Stetson, 6th & Bluxome
Marshall, Newell Supply Co. (Steel Bars, etc.), Spear & Mission
Pacific Metal Works, 153 1st
Scovel Iron Store Co., 754 Howard
Simon Bros. (Iron & Steel), 981 Mission
Soulé Edw. & Co. (Iron & Steel Products of All Kinds), Rialto bldg.
See adv index at end of book
Speddy T. H. & Co., 85 2d

COLORADO.

DENVER—Crosta C. A. Bros.
Rowntree Jno. T.
Wensley Metal Products Co.

CONNECTICUT.

BRIDGEPORT—Chapman & Bangs Co.
Hunter & Havens
HARTFORD—Blodgett & Clapp Co., 1417 Main
Ensworth L. L. & Son, 344 Front
NEW HAVEN—Mersick C. S. & Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Adler M. J., C. P. Ash Co., 3148 M, N W
Fries, Beall & Sharp Co., 734 10th, N W
Kendall J. B. Co., 435 Mo. av

FLORIDA.

JACKSONVILLE—Hebb H. W. Supply Co.
Hubbard S. B. Co.

GEORGIA.

ATLANTA—Conklin Tin Plate & Metal Co.
SAVANNAH—Weed J. D. & Co.

ILLINOIS.

AURORA—Messenger & Parks Mfg. Co.
CHICAGO—Allerton Clarke Co., 74 W Lake
Johnston Jno. & Co., 311 W Lake
McVoy Sheet & Tin Plate Co., 1042 W 36th
Merchant & Evans Co., 347 Sheldon
Scully Steel & Iron Co., 2364 S Ashland av
Trench Dan'l G. & Co., 222 N Wabash av
OTTAWA—Reflor David
PEORIA—Hunter & Strehlow Co.
Johnson Chas. Hardware Co.
Meyer F. & Bro. Co., Peoria, Ill.
Walker Isaac Hdw. Co.
QUINCY—Tenk Hdw. Co. (Bar Steel)
SPRINGFIELD—Illinois Art Metal Co.

TIN PLATE, METALS, ETC.—continued

INDIANA.

ANDERSON—Gedge Bros. Iron Roofing Co.
EVANSVILLE—Thiele I. A. Co.
FORT WAYNE—Seavey Hrw. Co.
INDIANAPOLIS—Indianapolis Stove Co., Standard Metal Co., 135 S Pennsylvania
Tanner & Co., 409 S Penn
Van Camp Hdw. & Iron Co., 401 W Maryland
RICHMOND—Jones Hardware Co.
TERRE HAUTE—Smith's C. C. Sons Co.

IOWA.

BURLINGTON—Donahue Robt. Iron & Hardware Co.
DES MOINES—Luthe Hdw. Co.
DUBUQUE—Klauer Mfg. Co.
Tredway A. & Sons Hdw. Co.
WATERLOO—Cutler Hardware Co.

KANSAS.

ATCHISON—Blish, Mize & Silliman Hdw. Co.
Harwi A. J. Hardware Co.
LEAVENWORTH—Crancer Hardware Co.

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co.
Bridgeford Co.
Conner Chas. H. & Co., 17th & Arbegust
Stratton & Terstegge Co., 15th & Main
MANCHESTER—Pike & Heald Co.

LOUISIANA.

NEW ORLEANS—New Orleans Roofing & Metal Co., Cortez & Orleans
Woodward Wight & Co. (Iron & Steel), Dept. H, Howard av & Constance

MAINE.

EASTPORT—Milliken B. F. & Son (Canners' Supplies)
LEWISTON—Stetson J. H. Co.

MARYLAND.

BALTIMORE—Ammidon & Co., 31 S Frederick
Central Metal & Supply Co. (Brass & Copper), 611 E Lombard
De Ved & Sons Sash Weight Co., 807 So Howard
Kahl-Holt Co., 111 S Charles
Lyon Conklin & Co., 19 Balderston
Merchant & Evans Co. (Inc.), 232 St. Paul
Nelson C. H. Metal Co., 104 So Charles
Parker E. L. & Nimmo Co., 203 S Charles

MASSACHUSETTS.

BOSTON—Austin & Doten, 102 North Avery & Saul, 299 Dorchester av
Brown-Wales, 489 C
Fitz, Dana & Co., 110 North
Gallagher D. F. & Co., 37 Commercial wf
Harvey Arthur C. Co., Allston Dist.
Herrick Co., 49 Broad
Livermore Homer F., Inc. (Metals), 85 Pearl
Lloyd Geo. H., 131 State
Richards & Company, 192 Beverly
Waite, Ranlet & Co., 80 Broad
SPRINGFIELD—Lewis Chas. C. Co.
New England Plumbing Supply Co.
WORCESTER—McGuinness J. F.

MICHIGAN.

BATTLE CREEK—Bock-Walker Co.
Brockett L. B. & Son
DETROIT—Buhl Sons Co., 103 Woodbridge W
Burton W. J. Co., Junction & Leavitt avs
Standart Bros. Hdwe. Corp., 8 Jefferson av
Walker Mfg. & Supply Co., Shelby & Woodbridge
GRAND RAPIDS—Foster, Stevens & Co.
Hopson W. C. Co.
KALAMAZOO—Edwards & Chamberlain Hdw. Co.
SAGINAW—Valley Cornice & Slate Co., (Ltd.)

MINNESOTA.

DULUTH—Duluth Corrugating & Roofing Co.
MINNEAPOLIS—Janney, Semple, Hill & Co., 1st av, S & 2d
ST. PAUL—Decker, Adam Hardware Co. (Est. of), 347 Jackson
Farwell, Ozmun, Kirk & Co.
Hackett-Gates-Hurty Co., Fourth & Rosabel
WINONA—Cone R. D. Co.

MISSOURI.

KANSAS CITY—Gille Mfg. Co., 1423 W 9th
Merchant & Evans Co., 2008 Baltimore av
Richards & Conover Hardware Co.
Townley Metal & Hardware Co., 2d S W. cor Walnut
ST. JOSEPH—Wyeth Hdw. & Mfg. Co.
ST. LOUIS—Hammond Sheet Metal Mfg. Co., 2d & Cass av
Simmons Hdw. Co., 9th & Spruce
Souther E. E Iron Co., Kienlin & Hamburger
Witte Hardware Co., 706 N 3d

NEBRASKA.

OMAHA—Lee-Coit Andreesen Hdw. Co.

NEW HAMPSHIRE.

MANCHESTER—Pike & Heald Co.

NEW JERSEY.

BAYONNE—Bayonne Supply Co.
ELIZABETH—Elizabeth Hdw. Co.
JERSEY CITY—Letcher R. J. & Son, 191 Morgan
Norton John S. Co., 72 Hudson
NEWARK—Coe Jas. A. & Co., 106 Mulberry
Egbert W. V. & Co., 37 Mechanic
Faitoute Iron & Steel Co., 180 Freilinghuysen av
Macknet & Doremus, 798 Broad

NEW YORK.

ALBANY—Hoy & Co.
AUBURN—Smith & Pearson
BINGHAMTON—Babcock, Hinds & Underwood
BUFFALO—Beals, McCarthy & Rogers, 44 Terrace
Buffalo Wholesale Hdw. Co., 317 Washington
Newman W. H. H. & Co., 70 Main
Republic Metalware Co., The
Walbridge & Co., 392 Main
Weed & Co., 95 Swan
ELMIRA—Booth Irving D.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Meurer Geo C. Co., 22 Clay
SMITH & McCRORKEN INC., 65 Engert

Boroughs of Manhattan and Bronx.

NEW YORK—Bischoff C. & Co., 451 Washington
Brooklyn Galvanizing & Mfg. Co., 120 Liberty
Bruce & Cook, 190 Water
Conklin T. E. & Co. (Brass & Copper), 61 Duane
De Milt H. R. Co., 238 Water
Dickerson, Van Dusen & Co., 32 Cliff
Feld Geo. A. Co., 162 E 129th
Fitz-Dana & Brown, 441 Pearl
Glokner & Blue Co. (Tinsmiths), 2474 3d av
Hirsch L. C. & Co., 220 W 19th
Hoffman & Scofield (Sheet Metals), 100 Beekman
Larkin J. K. & Co., 253 Broadway
See adv index at end of book
Merchant & Evans Co., 242 Water
Metal Export Co. of America (Brass, Copper & Zinc), 59 Pearl
Rownson, Drew & Clydesdale, Inc., 80 Wall
Sanborn John & Son (Bars, Pigs & Ingots), 134 Beekman
Sel Benj. & Co., 59 Orchard
Simon & Mills Inc., 25H Leonard
Veithardt Steel & Metal Corp., 15 Park Row

(End of New York City)

SCHENECTADY—Case, Levi & Co.
SYRACUSE—Burhans & Black (Inc.)
TROY—Warren J. M. & Co.
WATERTOWN—Hunting Co.

OHIO.

AKRON—Kasch Roofing Co.
CINCINNATI—Cincinnati Stamping Co., 24 W McMicken av
EDWARDS MFG. CO., 545-565 Eggleston av *See adv index at end of book*
Huenefeld Co.
Lawson F. H. Co.
McDonald Jas. & Sons Co.
Porter Iron Roofing & Corrugating Co., 522 Culvert
Robertson W. F. Steel & Iron Co. (Sheet Iron & Steel, Tin & Terne Plates, etc), Elm & Commerce
Scott Roofing & Mfg. Co., 408 Culvert
CLEVELAND—Bingham W. Co., 1272 W 9th
Luetkemeyer Co., 725 Superior av, N W
Osborn J. M. & L. A. Co.
Worthington Geo. Co., 802-832 St. Clair av N W
COLUMBUS—Mithoff H. & Co., 284 S High
Schoedinger F. O., 142 N 3d
DAYTON—Ach, Abraham & Son
Hartman-Franz Co.
FOREST—Dickelman Mfg. Co.
IRONTON—Ironton Roofing & Corrugating Co.
LISBON—Armstrong P. M. & Co.
MANSFIELD—Blymer Bros. Co.
TIFFIN—Tiffin Art Metal Co., 20 Broad
TOLEDO—Bostwick-Braun Co.
Stollberg Hardware & Paint Co.
YOUNGSTOWN—Wilkoff Co.

OREGON.

PORTLAND—Pacific Metal Works

PENNSYLVANIA.

ALLENTOWN—Young M. S. & Co.
LANCASTER—Raub Supply Co.
Steinman Hardware Co.
PHILADELPHIA—Baily R. M. & Co., Commercial Trust bldg
Berger Bros. Co. (Also Tinners' Tools & Supplies), 229 Arch
Berger L. D. Co., 59 N 2d
Carter, Donlevy & Co., 1012 Cherry
Gummey, McFarland & Co., 147 N 10th
Hall & Carpenter, 518 Race
Jolley J. H. & Co., 42 N 5th
Knoedler Fred J., 68 N 2d
Lukens Thos. F., Metal Co., 238 N 4th
McCalla Harold Co., Pier 56 No. Wharves, Delaware River
McInnes Charles E. & Co., Mar. & Mer. bldg
Marshall Bros. & Co., Front & Girard av
Merchant & Evans Co., Washington av & 21st
Porter C. B. Co., 128 N 2d, Phila., Pa.
Potts W. F. Son & Co., 1224 Cherry
Riter Bros. & Co., 1022 Race
Stelwagon Mfg. Co., 19th & Washington
PITTSBURGH—Bindley Hardware & Mfg. Co.
Demmler Bros. Co., 100 Ross
Follansbee Bros. Co., 3rd & Liberty
McClure Johnston & Co., 1143 Liberty av
O'Connor J. J. & Co. (Dealers), 1st Nat. Bank bldg
READING—Bard Hardware Co.
Stichter Hardware Co.
WILKES-BARRE—Bertels W. B. & Son Co., Inc.
Eastern Penna. Supply Co.
WILLIAMSPORT—Kline & Co.
YORK—Small P. A. & S. Co.
York Corrugating Co.

RHODE ISLAND.

PROVIDENCE—Congdon & Carpenter Co., 155 Canal

SOUTH CAROLINA.

CHARLESTON—Shepherd Supply Co.

TENNESSEE.

MEMPHIS—Pidgeon-Thomas Iron Co.

TEXAS.

AUSTIN—Tips Walter Co.
FORT WORTH—Nash Hardware Co.
GALVESTON—Parr Wm. & Co.
HOUSTON—Heitmann F. W. Co.
Peden Iron & Steel Co.
LAREDO—Deutz A. & Bro.

UTAH.

SALT LAKE CITY — Strevel Paterson Hardware Co.

VERMONT.

BARRE—Phelps N. D. Co.

VIRGINIA.

LYNCHBURG—Barker-Jennings Hdw. Co.
Handy N. B. Co.
NORFOLK—Howard John T. Co.
RICHMOND—Baldwin & Brown, 1557 E Main
Gordon Metal Co., 14th & Dock
Lindsay J. L. Inc., 1321 E Main
Southern Railway Supply Co., 1323 E Main

WEST VIRGINIA.

WHEELING — Whitaker-Glessner Co. (Wheeling Corrugating Dept.)

WISCONSIN.

MILWAUKEE—Frankfurth Wm. Hdw. Co., 119 W Water
Milwaukee Corrugating Co.
Pritzlaff Jno. Hardware Co., 51 W Water
SHEBOYGAN—Geele F. Hardware Co.

15614— Tin Salts

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

15614a— *Tin (Taggers)

Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Weirton Steel Co., Weirton, W. Va.

Tinners' Furnaces

See Furnaces, Gasoline Blast

15614b—Tinners' Supplies, Etc.

See also Index of Contents for Specific Article Wanted. If Not Found, Write Us.

Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Glokner & Blue Co., 2474 3d av, New York
Lyon Conklin & Co. Inc., 19 Balderston, Baltimore, Md.
Southern Railway Supply Co., 1323 East Main, Richmond, Va.

15614b1— *Tinners' Snips

Peck, Stow & Wilcox Co., Southington, Conn. *See adv index at end of book*

PEXTO

"1819 Original"



Tinners' Snips

THE PECK STOW & WILCOX COMPANY

SOUTHINGTON, CONN.

15614c—Tinners' Tools & Machinery

Dreis & Kump Mfg. Co., 2901 S Halsted, Chicago, Ill. *See adv index at end of book*
Mobile Steel Co., Mobile, Ala.
Schoedinger F. O., 142 N 3d, Columbus, O.

15615— Tinners' Trimmings

Central Stamping Co., 174 Fulton, New York
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wire Novelty Mfg. Co., West Haven, Conn.

15615a— *Tinning

Wilcox Crittenden & Co. Inc. (Hot), Middletown, Conn.
See adv index at end of book

HOT TINNING

Tinned Gray Iron Castings a Specialty; Machined if desired

Wilcox, Crittenden & Co., Inc.

444 So. Main St., Middletown, Conn.

15616—Tinning Sheets (Copper)

Taunton-New Bedford Copper Co., Taunton, Mass.

15617— Tinning Sheets (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

15618—Tinning & Japanning

American Foundry & Mfg. Co. (Japanning), Frederick, Md.
Bird Japanning Co., Boston, Mass.
Bonney Forge & Tool Works (Japanning), Allentown, Pa.
Buffalo Galvanizing & Tinning Works, (Tinning Only), 49 Jackson, Buffalo, N. Y.
Buhl Stamping Co., Scotten & M. C. R. R., Detroit, Mich.
Cassady, Fairbank Mfg. Co. (Tinning Only), 6126 S Lasalle, Chicago, Ill.
Cattie Bros. Co. (Tinning), Gaul & Adams, Phila., Pa.
Cheney S. & Son (Japanning), Manlius, N. Y.
Chicago Hardware Foundry Co. (Japanning), N Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Colebrookdale Iron Co., Pottstown, Pa.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Doering C. & Son (Tinplating Only), 1375 W Lake, Chicago, Ill.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Elbel Co., Canton, O.
Frazer & Jones Co., Syracuse, N. Y.
Geuder, Paeschke & Frey Co. (Japanning, All Colors), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Globe Machine & Stamping Co. (Japanning Only,) 1250 W 76th, Cleveland, Ohio
Grabler Mfg. Co., Cleveland, O.
Hassall John (Inc.) (Tinning), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Highton Wm. & Sons Co. (Japanning Only), Nashua, N. H.
Hopson & Chapin Mfg. Co. (Japanning Only), New London, Conn.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Illinois Malleable Iron Co. (Tinning Only), 1801 Diversey blvd, Chicago, Ill.
Lefferts Galvanizing Works (Tinning Only), 508 E 20th, New York
Malleable Iron Fittings Co., Branford, Conn.
Morgan Construction Co. (Tinning), Worcester, Mass.
North Buffalo Hardware Foundry Co. (Japanning Only), 743 Hertel av, Buffalo, N. Y.
Ohio Foundry Co. (Japanning Only), E 71st & Stanton, Cleveland, O.
Parkesburg Stamping & Mfg. Co. (Tin Plating on Iron), Parkesburg, Pa.
Phila. Hardware & Malleable Iron Works (Inc.), 9th & Jeff'n, Phila., Pa.
Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rattan Mfg. Co., New Haven, Conn.
Rockford Metal Specialty Co., Rockford, Ill.
Rudman & Scofield, 277 Pearl, New York
Sanitary Tinning Mfg. Co., 3781 E 93d, Cleveland, O.
Schatz Mfg. Co. (Japanning Only), Poughkeepsie, N. Y.
Sessions J. H. & Son, Bristol, Conn.
Stirrup Mfg. Co., Inc. (Japanning), Market, Newark, N. J.
Two Rivers Plating Works, Two Rivers, Wis.
Vail Galvanizing Plant (Tinning), 211 Commercial, Boston, Mass.
Vogel Wm. & Bros. (Japanning Only), 37 S 9th, Brooklyn, N. Y.
White Mountain Freezer Co. (Tinning & Galvanizing), Nashua, N. H.
Wilcox, Crittenden & Co., Inc. (Tinning of Castings of All Kinds), Middletown, Conn. *See adv index at end of book*
Wrightsville Hardware Co., Wrightsville, Pa.

15619— Tintometers

Eimer & Amend, 205 3d av, New York

15620— Tinware Mfrs.

See also Enameled Ware Mfrs.; also Aluminum Hollow Ware; also Stamping, Various Kinds

Aldrich Mfg. Co. ("Aldrich," "Buffalo"), Buffalo, N. Y.
AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Ammidon & Co. ("Amico"), 31 S Frederick, Baltimore, Md.
Baltimore Stamping & Enameling Co., 909 E Pratt, Baltimore, Md.
Bertels W. B. & Son Co. Inc., Wilkes-Barre, Pa.
Bingham J. F. Mfg. Co., Lawrence, Mass.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Chicago Tin Co., 2005 S State, Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Cooney Mfg. Co. ("Roco Brand," "Clyde Brand"), Cicero, Ill.
Empire Tin Ware Co., 29 So 5th, Bklyn, N. Y.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESCHKE & FREY CO. (Complete Line), 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Gille Mfg. Co., 1423 W 9th, Kansas City, Mo.
Handlan-Buck Mfg. Co., 210 N 3rd, St. Louis, Mo.
Home Light of America ("Holico, Inc."), 1955 Park av, New York
Kieckhefer Box Co., 133 W Water, Milwaukee, Wis.
Knoxville Tinware Mfg. Co., Knoxville, Tenn.
Kraft A. C. (Druggists & Painters), 323 W Lake, Chicago, Ill.
Kreamer A. Inc. (Heavy), 307 Kent av, Brooklyn, N. Y.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
McLAUGHLIN CO., INC., Brockport, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
National Metalware Co. Inc., Bogart & Graham av, Bklyn, N. Y.
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Peoria Can Co., Peoria, Ill.
Porter C. B. Co., 128 N 2d, Phila., Pa.
Republic Metalware Co., The, Buffalo, N. Y.
Richardson Mfg. Co. ("Perfection"), Bath, N. Y.
Rochester Can Co. ("Iron Horse" Dairy Pails, etc.), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rudman & Scofield (Ship), 277 Pearl, New York
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.
Schlesinger Leo & Co., 66 Wooster, New York
Schlueter Mfg. Co. ("Imperial"), Bway & John av, St. Louis, Mo.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Stratton & Terstegge Co. (Stamped & Japanned), 15th & Main, Louisville, Ky.
Sullivan-Geiger Co. (Round Miners'), Indianapolis, Ind.
Thretaway Bros., Parsons, Pa.
Townley Metal & Hardware Co., 2d S W cor Walnut, Kansas City, Mo.
Troy Stamping Works, Troy, N. Y.
Western Tinware Co., St. Louis, Mo.
Western Tin & Japan Mfg. Co. (Japanned & Stamped), 1013 Walnut, Cincinnati, Ohio

Tipples (Coal)

See Tipples, Mine

15621— Tipples (Mine)

Allis-Chalmers Mfg. Co. (Steel), Milwaukee, Wis.
American Bridge Co. (Coal), 30 Church, New York
BARTLETT C. O. & SNOW CO. (Coal), French, Cleveland, O.
See adv index at end of book
Decatur Bridge Co., Decatur, Ill.
Fairbanks, Morse & Co. (Designers & Builders of Coal Tipples & Pockets), 900 S Wabash av, Chicago, Ill.
Fairmont Mining Machinery Co. (Steel & Wood), Fairmont, W. Va.
Farris Bridge Co. (Steel, Coal), Charleston, W. Va.
Helmick Fdry. & Mach. Co., Fairmont, W. Va.
Heyl & Patterson (Coal, Steel), 51 Water, Pittsburgh, Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Kanawha Mfg. Co., Charleston, W. Va.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
LINK-BELT COMPANY (Steel or Wood for Coal, etc.), 300 W 39th, Chicago, Ill.
McClintic-Marshall Company (Steel), Oliver bldg, Pittsburgh, Pa.
Marion Mach. Tool Fdry & Supply, Marion, Ind.
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Minneapolis Steel & Machinery Co. (Steel), 2854 Minnehaha av, Minneapolis, Minn.
Morrow Mfg. Co. (Steel), Wellston, O.
Nashville Bridge Co., Nashville, Tenn.
Niles Mine & Mill Supply Co. (Steel, Coal), Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co. (Steel Tipples & Shaker Screens), Ottumwa, Ia.
Penn. Bridge Co. (Steel, Coal), Beaver Falls, Pa.
Phillips Mine & Mill Supply Co., 2221 Jane, Pittsburgh, Pa.
Pittsburgh Coal Washer Co. (Coal), Fulton bldg, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Roberts & Schaefer Co. (Engineers & Contractors), 332 S Michigan av, Chicago, Ill.
Sanford-Day Iron Works, Knoxville, Tenn.
SCAIFE WM. B. & SONS CO. (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
South Side Fdry. & Machine Wks. (Coal), Charleston, W. Va.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works, Inc., Kansas City, Mo.
Virginia Bridge & Iron Co. (Steel, Coal), Roanoke, Va.
WEBSTER MFG. CO., 4500-60 Courtland, Chicago, Ill.
See adv index at end of book
Wellman-Seaver-Morgan Co. (Steel), Cleveland, O.
See adv index at end of book
What Cheer Tool Co. ("Walker" Revolving), What Cheer, Ia.
Wisconsin Bridge & Iron Co. (Steel), North Milwaukee, Wis.

15621a—Tips (Conical & Straight)

NORDEN S. & COMPANY (For Shoe & Corset Laces). 150 South Water, Providence, R. I.

15622—Tips (Chair & Crutch, Rubber)

Bailey C. J. & Co. ("Wont Slip"), 22 Boylston, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elastic Tip Co. ("Stetson"), 370 Atlantic av, Boston, Mass.
Faultless Rubber Co. (Crutch Only), Ashland, O.
Foster Rubber Co., 105 Federal, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Laurel Co. (Rubber Gas Tubing Tips), Garfield, N. J.
National India Rubber Co., Bristol, R. I.
New York Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
U. S. Rubber Co., 1790 Broadway, New York

15623—Tips (Chair & Crutch, Wool)

Heron Mfg. Co. ("Heron"), Utica, N. Y.
Schatz Mfg. Co. (Felt), Poughkeepsie, N. Y.

15623a—Tips (Cutting & Welding)

Air Reduction Sales Co., 120 B'way, New York
Carbo-Hydrogen Co. of America, Benednon Trees bldg, Pittsburgh, Pa.

15624—Tips (Electric Cord)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Central Machine & Supplies Co., 148 Chambers, New York
Harward Electric Co., 525 W Van Buren, Chicago, Ill.
McEvoy, Chas. H., Lowell, Mass.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

15624a— *Tips (Flagstick)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15625— Tips (Gas Burner)

American Lava Corp. (Lava), Chattanooga, Tenn.
Colonial Mfg. Co. (Lava), Chattanooga, Tenn.
Crescent Burner Mfg. Co., 116 E 27th, New York
General Ceramics Co. (Incandescent), 50 Church, New York
Kirchberger M. & Co. (Importers, Lava), 116 E 27th, New York
Steward D. M. Mfg. Co. ("E. H."), Chattanooga, Tenn.
Tennessee Burner Mfg. Co., Chattanooga, Tenn.
Thurnauer G. M. Co. (Importers, Lava), 6 E 20th, New York

15626—Tips (Gas Tubing, Rubber)

Boston Woven Hose & Rubber Co., Cambridge, Mass.
Empire Tire & Rubber Corp., Trenton, N. J.
Laurel Co., Garfield, N. J.
Schacht Rubber Mfg. Co., Huntington, Ind.

15627— Tips (Hame)

Frazer & Jones Co. ("Globe," "Eastern"), Syracuse, N. Y.

15628— Tips (Mine Car)

Grant Iron Works ("Wren's"), Mahony City, Pa.
Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Sanford-Day Iron Works, Knoxville, Tenn.

15629— Tips (Neck Yoke)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

15630—Tips or Caps (Railway)

Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

15631— Tips (Screw)

Elastic Tip Co. (Slotted Rubber Head), 370 Atlantic av, Boston, Mass.
National India Rubber Co., Bristol, R. I.
Tyer Rubber Co. (Rubber), Andover, Mass.

15632— Tips (Shaft)

Covert Saddlery Works (Pole), Interlaken, N. Y.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone, Division The Brewer-Titchener Corp., Binghamton, N. Y.
Searls Mfg. Co. ("Passaic," etc), 29 Mulberry, Newark, N. J.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

15632a— *Tips (Sugar)

Delaware Hard Fibre Co. (Fibre "Egyptian"), Wilmington, Del.
See adv index at end of book

15633— Tips (Whiffletree)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

15634—Tire (Channel & Cushion)

Carnegie Steel Co. (Open Hearth Steel), **Carnegie bldg, Pittsburgh, Pa.**

15635— Tire Coolers

Gogel Mfg. Co., Toledo, O.
Kane & Roach, Syracuse, N. Y.
Palm Louis F. Co., Defiance, O.

15636— Tire Fabrics

American Tire Fabric Co., 120 B'way, New York
Bay State Cotton Corp., 60 Federal, Boston, Mass.
Beaver Mills, Inc. (Cord), 299 B'way, New York
Bibb Mfg. Co., Macon, Ga.
Briggs Mfg. Co., Voluntown, Conn.
Brighton Mills, Passaic, N. J.
Caldwell R. J. Co., Inc., 13 Park row, New York
Goodyear Cotton Mills, Killingly, Conn.
International Cotton Mills, 60 Federal, Boston, Mass.
Jenckes Spinning Co., Pawtucket, R. I.
Manhasset Mfg. Co., Putnam, Conn.
Marlboro Cotton Mills, McColl, S. C.
Meyer Chas. A., 350 B'way, New York
Meyer John H. & Co. Inc., 50 Union Sq, New York
Passaic Cotton Mills, 120 B'way, New York
West Boylston Mfg. Co., Easthampton, Mass.
Worcester Tire Fabric Co., Worcester, Mass.

15636a— Tire Fillers

Esenkay Products Co., Superior & Franklin, Chicago, Ill.
Peerless Tire Fill Co., 7117 N Clark, Chicago, Ill.

15637— Tire Fluid

Buffalo Specialty Co. ("Neverleak" & "Holdfast" Liquid Shellac Cement for Bicycles), 375 Ellicott, Buffalo, N. Y.

15638—Tire Preserver (Automobile)

Alcemo Mfg. Co. ("Kor-Ker"), 12 Bridge, Newark, N. J.
Rubberset Co. ("Rubberset" & Liquid Rubber Compound), 56 Ferry, Newark, N. J.

15638a— *Tire Press Hydraulic

WELLMAN - SEAVER - MORGAN CO., Cleveland, O.
See adv index at end of book

15639— Tire Removers

Common Sense Tire Removers Co., Dowagiac, Mich.

15640— Tire Repair Kits or Equipments

BIGGS BOILER WORKS CO., Case av & Williams st, Akron, O.
See adv index at end of book
Sunbeam Mfg. Co. ("Sunbeam"), 1113 E 30th, Kansas City, Mo.
Williams Foundry & Machine Co. ("Akron-Williams"), Akron, Ohio.
See adv index at end of book

AKRON-WILLIAMS
TIRE REPAIR EQUIPMENT

Turns out perfect work the first time. No more "second time" jobs. Saves money, material and time. Perfected on the experience gained in equipping thousands of tire factories and tire repair shops. Write for catalog.

THE WILLIAMS FOUNDRY & MACHINE CO.
Akron, Ohio, U. S. A.

15640a—*Tire & Rubber Factory Equipment

WILLIAMS FOUNDRY & MACHINE CO. ("Akron-Williams"), Akron, O.
See adv index at end of book

AKRON-WILLIAMS

Hydraulic presses, Vulcanizers, Molds, Cores, Tire Building Stands, Tube Wrapping Lathes, Rag Winders, Stripping Tables, Etc. Write for complete catalog.

THE WILLIAMS FOUNDRY & MACHINE CO.,
Akron, Ohio, U. S. A.

Tires (Automobile)

See Tires, Various Kinds

15641—Tires (Baby Carriage)

Acme Rubber Mfg. Co., Trenton, N. J.
Anderson Rubber Works, Anderson, Ind.
Boston Woven Hose & Rubber Co. ("Bull Dog"), Cambridge, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Eclat Rubber Co. ("Ekla"), Cuyakoga Falls, Ohio
Empire Tire & Rubber Corp., Trenton, N. J.
Federal Rubber Co. The, Cudahy, Wis.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co., Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
National India Rubber Co., Bristol, R. I.
Pennsylvania Rubber Co., Jeannette, Pa.
Quabaug Rubber Co., N Brookfield, Mass.
Republic Rubber Co., Dept. H, Youngstown, Ohio

15642—Tires (Cushioned, Cellular, Etc.)

Bailey C. J. & Co. ("Bailey Won't Slip"), **22 Boylston, Boston, Mass.**
Cleveland Puncture Proof Tire Co. ("Cleveland"), Columbus, O.
Dayton Rubber Mfg. Co. ("Dayton" Airless), Dayton, O.
Firestone Tire & Rubber Co., Akron, O.
Overman Cushion Tire Co., 250 W 54th, New York
Smith Tire Co., Utica, N. Y.
Swinehart Tire & Rubber Co., Akron, O.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

15643—Tires for Crushing Machinery

Standard Steel Works Co. ("Standard" Solid Weldless), Morris bldg, Phila., Pa.

15644— Tires (Motor Cycle)

Empire Tire & Rubber Corp., Trenton, N. J.
Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio
Goodrich B. F. Co. ("Diamond," "Goodrich"), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
G. & J. Tire Co., Indianapolis, Ind.
Kokomo Rubber Co. ("Dazzler"), Kokomo, Ind.
Mansfield Tire & Rubber Co. ("Mansfield"), Mansfield, O.
Pennsylvania Rubber Co., Jeannette, Pa.
U. S. Tire Co., B'way & 58th, New York

15645—Tires (Motor Truck, Solid Rubber)

Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio
Gibney Tire & Rubber Co., Conshohocken, Pa.
Goodrich B. F. Co., Akron, O.
Kelly Springfield Tire Co., 200 W 57th, New York
Mason Tire & Rubber Co., Kent, Ohio
Polack Tyre & Rubber Co., 1876 B'way, New York
United States Tire Co., B'way & 58th, New York

15646—Tires (Pneumatic, Double Tube)

Anderson Rubber Works, Anderson, Ind.
Bergougnan Rubber Corp., Trenton, N. J.
BeSaw Tire & Rubber Co. ("Quality"), Hartville, O.
Braender Rubber & Tire Co., Rutherford, N. J.
Columb Tyres, Import Co. (Imp.), 1 Madison av, New York
Continental Rubber Works ("Vitalic"), Erie, Pa.
Dreadnought Tire & Rubber Co. ("Dreadnought"), Eager & 5th, Baltimore, Md.
Empire Tire & Rubber Corp., Trenton, N. J.
Federal Rubber Co., The (Automobile **Rugged Tread, Traffic Tread, Cord,** etc), Cudahy, Wis.
Fellsen Tire Co. ("Fellsen"), 1995 B'way, New York
Firestone Tire & Rubber Co., Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
G. & J. Tire Co. ("G. & J.," "Dunlop"), Indianapolis, Ind.
Globe Rubber Tire Mfg. Co. ("Globe"), Trenton, N. J.
Goodrich B. F. Co. ("Goodrich"), Akron, O.
Goodyear Tire & Rubber Co. ("No-Rim-Cut"), Akron, O.
Great Eastern Rubber Co. ("Crown" "Premier"), Allentown, Pa.
H. H. H. Tire & Mfg. Co. ("H. H. H."), 263 Halsey, Newark, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Johnstown Rubber Co. ("J. R. C."), Johnstown, Pa.
Kelly Springfield Tire Co., 200 W 57th, New York
Kokomo Rubber Co., Kokomo, Ind.
L. & M. Rubber Co. ("Buckskin"), Carrollton, Ohio

Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.
Mesinger H. & F. Mfg. Co. (Leather), Austin pl & 144th, New York
Michelin Tire Co. (Quick Detachable Clincher, Ordinary Clincher, & Anti Skid Types), Milltown, N. J.
Miller Rubber Co. ("Miller"), Akron, Ohio
Mohawk Rubber Co., Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Pharis Tire & Rubber Co., Newark, O.
Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.
Standard Tire & Rubber Co. ("Standard"), 104 Portland, Boston, Mass.
Sterling Tire Corp. ("Sterling"), Rutherford, N. J.
Stoddard Rubber Co., 120 Commercial Worcester, Mass.
Trent Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York

15647—Tires (Pneumatic, Single Tube)

Anderson Rubber Works, Anderson, Ind.
Braender Rubber & Tire Co., Rutherford, N. J.
Continental Rubber Works ("Vitalic"), Erie, Pa.
Federal Rubber Co. The (Bicycle), Cudahy, Wis.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co. ("Goodrich," "Silvertown"), Akron, Ohio
Goodyear Tire & Rubber Co., Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Lee Tire & Rubber Co., Conshohocken, Pa.
Michelin Tire Co. (Clincher, Quick Detachable & Anti-Skid Types), Milltown, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Trent Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York

15647a— Tires (Re-built)

Palmer Rubber Co., Poughkeepsie, N. Y.

15647b— Tires (Re-Thread)

Palmer Rubber Co., Poughkeepsie, N. Y.

15648— Tires (Rubber)

Acme Rubber Mfg. Co. (Automobile), Trenton, N. J.
Ajax Rubber Co. ("Ajax"), 220 W 57th, New York
American Tire & Rubber Co., Akron, Ohio
Anderson Rubber Works, Anderson, Ind.
Batavia Rubber Co., Batavia, N. Y.
Bergougnan Rubber Corp. ("Bergougnan"), Trenton, N. J.
BeSaw Tire & Rubber Co., Hartville, O.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Brunswick-Balke-Collender Co., 29 W 32nd, New York
Century Plainfield Tire Co. ("Century"), North av, Plainfield, N. J.
Columbia Tire & Rubber Co., Mansfield, Ohio
Consolidated Rubber Tire Co. ("Kelly-Springfield," Solid Vehicle), 200 W 57th, New York
Continental Rubber Works ("Vitalic"), Erie, Pa.
Converse Rubber Shoe Co., Malden, Mass.
Cord Tire Corp., Chester, W. Va.
Curtis Tire & Rubber Co., Muskegon, Mich.
Dayton Rubber Mfg. Co., Dayton, O.
D & M Cord Tire Co., Warren, Ohio
Ehman Tire & Rubber Co., 176 N Michigan av, Chicago, Ill.
Empire Tire & Rubber Corp. (Pneumatic Double Tube), Trenton, N. J.
Erie Tire & Rubber Co., Sandusky, Ohio
Falls Rubber Co. ("Falls Neverslip"), Cuyahoga Falls, O.
Federal Rubber Co. The (Auto, Baby Carriage, Bicycle, Motorcycle, etc.), Cudahy, Wis.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Fisk Rubber Co. ("Fisk"), Dept. H, Chicopee Falls, Mass.
Gates Rubber Co. ("Half Sole"), Denver, Colo.
General Tire & Rubber Co. ("General"), Akron, O.
G. & J. Tire Co. ("G. & J."), Indianapolis, Ind.
Gillette Rubber Co., Dept. H, Eau Claire, Wis.
Goodrich B. F. Co. (Automobile, Regular Clincher & Quick Detachable, Straight Bead), Akron, O.
Goodyear Rubber Co. ("Revere" Automobile & Bicycle), 539 Mission, San Francisco, Cal. *See adv index at end of book*
Goodyear Tire & Rubber Co. ("Red Seal," Carriage, Automobile, Truck, Motorcycle & Bicycle), Akron, O.
Gordon Tire & Rubber Co., Canton, Ohio
Hamilton Rubber Co., Trenton, N. J.
Hardman Tire & Rubber Co., 207 W 76th, New York
Hendrie W. C. Rubber Co., Torrance, Cal.
Hewitt Rubber Co., Inc., Buffalo, N. Y.
Hood Tire Co. Inc., Watertown, Mass.
Ideal Tire & Rubber Co. ("Greyhound"), Warner rd, Cleveland, O.
India Rubber Co., Mogadore, Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
International India Rubber Corp. ("Odell Cord" & "South Bend" Fabric Automobile), South Bend, Ind.
Kelly Springfield Tire Co., 200 W 57th, New York
Knight Tire & Rubber Co., Canton, O.
Kokomo Rubber Co. (Bicycle & Vehicle), Kokomo, Ind.
Lee Tire & Rubber Co. ("Lee" Motor Trucks & Pleasure Cars; also Puncture Proof Pneumatic), Conshohocken, Pa.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
McLean Tire & Rubber Co., East Liverpool, Ohio
McNaull Tire Co. ("McNaull"), Ohio bldg, Toledo, Ohio
Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.
Marathon Tire & Rubber Co. ("Marathon"), Cuyahoga Falls, Ohio
Marion Tire & Rubber Co., Marion, O.
Mason Tire & Rubber Co. ("Mason"), Kent, Ohio
Mattson Rubber Co., Lodi, N. J.
Master Tire & Rubber Co., Dayton, Ohio
Michelin Tire Co. ("Michelin" Quick Detachable Clincher, Ordinary Clincher & Anti-Skid Types), Milltown, N. J.
Miller Chas. E. ("Miller's"), Anderson, Ind.
Miller Rubber Co. ("Miller"), Akron, Ohio
Monarch Tire Co. ("Monarch"), Hartville, Ohio
National Rubber Co. ("Speedway Redwall," "National" Silk Lined), Pottstown, Pa.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
Norwalk Tire & Rubber Co. ("Norwalk"), Norwalk, Conn.
Odell Rubber Co. ("Odell Cord" & "South Bend" Fabric Automobile), South Bend, Ind.
O'Neill Tire & Rubber Co., Akron, O.
Owen Tire & Rubber Co., Bedford, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Perfection Tire & Rubber Co., Fort Madison, Iowa
Pharis Tire & Rubber Co., Newark, O.
Polack Tyre & Rubber Co. ("Polack" Truck Tyres), 1876 B'way, New York
Portage Tire & Rubber Co. ("Portage"), Akron, Ohio
Porter Rubber Co., Salem, O.
Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.
Racine Auto Tire Co. ("Racine," Horseshoe), Racine, Wis.
Racine Rubber Co., Racine, Wis.
Remiler Tire Mfg. Co. (Inner Tires), Ashland, O.
Republic Rubber Co. ("Republic" Motor Truck), Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rotary Tire & Rubber Co. (Automobile), Zanesville, O.
Rubber Products Co. ("Stronghold"), Barberton, Ohio
Savage Tire Co. ("Savage"), San Diego, Cal.
Standard Tire & Rubber Mfg. Co., Willoughby, O.
Star Rubber Co., Akron, O.
Sterling Tire Corp. (Pneumatic, Air Bag Cured Vacuum Bar Tires), E Rutherford, N. J.
Strohecker A. J., Reading, Pa.
Swinehart Tire & Rubber Co., Akron, O.
Ten Broeck Tyre Co. ("Ten Broeck"), 26th & Courtney, Louisville, Ky.
Thermoid Rubber Co. ("Thermoid"), Trenton, N. J.
Toledo-Findlay Tire & Rubber Co., Findlay, O.
Trent Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
United States Tire Co., B'way & 58th, New York
Victor Rubber Co., Springfield, O.
Vulcan Rubber Co., Erie, Pa.
Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.
Yale Tire & Rubber Co. ("Yale"), New Haven, Conn.
Zee-Zee Tire & Rubber Co. ("Zee-Zee"), 33rd & Walnut, Phila., Pa.

15649— Tires (Solid)

Ajax Rubber Co., 220 W 57th, New York
American Tire & Rubber Co., Akron, O.
Batavia Rubber Co., Batavia, N. Y.
Braender Rubber & Tire Co., Rutherford, N. J.
Columb Tyres Import Co. ("Prowodnik"), 1 Madison av, New York
Consolidated Rubber Tire Co. ("Kelly-Springfield"), 200 W 57th, New York
Curtis Tire & Rubber Co. (Truck), Muskegon, Mich.
Federal Rubber Co., Cudahy, Wis.
Firestone Tire & Rubber Co., Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
Gibney Tire & Rubber Co., 215 N Broad, Phila., Pa.
Goodrich B. F. Co. ("Wireless" Solid Rubber Vehicle), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
India Rubber Tire Co., 1512 S Michigan av, Chicago, Ill.
Kelly-Springfield Tire Co. (Sectional), B'way & 57th, New York
Longdin Brugger Co., Fond du Lac, Wis.
McGraw Tire & Rubber Co., East Palestine, O.
Mason Tire & Rubber Co., Kent, Ohio
Meeker Mfg. Co., Dayton, O.
Morgan & Wright, ft Bellevue, Detroit, Mich.
Pennsylvania Rubber Co. of N. Y. (Metal-Base Truck), 1889 B'way, New York
Polack Tyre & Rubber Co. ("Polack" Truck), 1876 B'way, New York
Portage Rubber Co. ("Portage" Rubber Block Truck), Akron, O.
Republic Rubber Co., Youngstown, O.
Swinehart Tire & Rubber Co. ("Swinehart"), Akron, O.
U. S. Rubber Co., 1790 Broadway, New York
Victor Rubber Co. ("Victor"), Springfield, Ohio
Vulcan Rubber Co. ("Vulco"), Erie, Pa.
Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.
Xenia Rubber Mfg. Co., Xenia, Ohio

15650— Tires (Steel)

Chester Steel Castings Co., Chester, Pa.
Edgewater Steel Co. (Car & Locomotive Wheel), Edgewater Station & A. V. R. R., Pittsburgh, Pa.
Ft. Wayne Iron Steel Rolling Mills (Baby Carriages & Wagon), West Taylor, Fort Wayne, Ind.
See adv index at end of book

Crescent Tires and Sharp Ovals
FOR CHILDREN'S VEHICLES
All Sizes from ⅜" up
Fort Wayne Iron Steel Rolling Mills
West Taylor St., Fort Wayne, Ind.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Jones & Laughlin Steel Co. (Round, Square, Channel, Carriage & Wagon), Ross, Pittsburgh, Pa.
Midvale Steel & Ordnance Co. (Car & Locomotive Wheel), Widener bldg, Phila., Pa
Prosser Thos. & Son ("The Krupp"), 15 Gold, New York
Railway Steel Spring Co., 30 Church, New York
Republic Iron & Steel Co. (Half Oval, etc), Youngstown, O.
See Branch Offices Alphabetical Section.
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.

15651— Titanium

Drakenfeld B. F. & Co. (Oxide) (Dealers), 50 Murray, New York
Foote Mineral Co. (Imp. Ores), 109 No 19th, Phila., Pa.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Metal & Thermit Corp., 120 B'way, New York
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

15651a— Titanium (Oxalate)

Foote Mineral Co., Inc., 109 N 19th, Phila., Pa.

15651b—Titanium (Oxide Concentrates)

American Rutile Co., 622 F. N. W., Washington, D. C.

15652—Titanium Potassium Oxalate

Hummel & Robinson, 26 Cortland, New York
Katzenbach & Bullock Co., 100 William, New York

15653— Toasters

American Electrical Heater Co. (Electric), Burroughs & Woodward, Detroit, Mich.
Andrews Wire & Iron Works ("Androck" Bread), Rockford, Ill.
Crane Wm. M. Co. ("Crane's" Collapsible), 16 W 32d, New York
Detroit Foundry Co., E Grand blvd & Riopille, Detroit, Mich.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), ("El Toasto" Electric), 5600 W Taylor, Chicago, Ill.
Electric Specialties Co., Benton Harbor, Mich.
Empire Transformer Co., 4642 Ravenwood av, Chicago, Ill.
Fox Electrical Corpn., 119 W 42nd, New York
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Hoskins Mfg. Co. (Electric), 453 Lawton, Detroit, Mich.
Kinne Mfg. Co. ("Perfection"), 1401 Central av, Minneapolis, Minn.
Knowlson A. T. Co. ("Apex" Bread, for Gas Stoves), 99 Congress, Detroit, Mich.

TOASTERS—continued
Landers, Frary & Clark ("Thermax" Electric), New Britain, Conn.
Lindstrom, Smith Co. ("White Cross" Electric), 3212 W Lake, Chicago, Ill.
Manhattan Electrical Supply Co. (Electric), 17 Park pl, New York
See adv index at end of book
New Standard Hardware Works (Asbestos), Mt. Joy Pa.
Phelps Mfg. Co. ("Cozy" Electric), 49 W Larned, Detroit, Mich.
Redtop Electric Co., 8 W 19th, New York
Reliable Stove Co. (Gas Stove, etc., "Reliable"), 1787 E 40th, Cleveland, O.
Rochester Stamping Co. (Electric), Rochester, N. Y.
Roseland Can & Specialty Co. ("Whitehouse" Bread), Rockford, Ill.
Russell Elect. Co. ("Hold-Heet" Electric), 140 W Austin, Chicago, Ill.
Rutenber Electric Co. (Electric), Marine, Ind.
Satisfaction Guaranteed Corp. ("Ever-Hot" & Marvel Stove & "Teddy Grill"), 659 Fulton, Chicago, Ill.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.
Sloan Novelty Mfg. Co. ("Sloan" Electric or Fuel), s w cor 20th & Wyandotte, Kansas City, Mo.
Streeter N. R. & Co. ("Sensible," Opens & Closes), Rochester, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Willis Charlotte J. (Bread), Ann Arbor, Mich.
Wilson Mfg. Co., Niles, O.
Woods, Sherwood Co. (Wire), Worcester, Mass.

15654—Tobacco Dust & Stems

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Kentucky Tobacco Product Co., Louisville, Ky.

15655—Tobacco Pouches (Rubber)

Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

15655a— Tobin Bronze Parts

BELL CO. (THE), 1555 Fillmore av, Buffalo, N. Y. *See adv index at end of book*

15656— Toboggan Slides

Giant Mfg. Co. (Playground), Council Bluffs, Ia.
Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Morris E. Joy, 902 Walnut, Phila., Pa.

15657— Toe-Calks (Steel)

Aetna Nut Co. ("Black Horse"), Southington, Conn.
American Horse Shoe Co. (Toe & Heel Calks), Phillipsburg, N. J.
AMERICAN STEEL & WIRE CO. ("Junita"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Burke P. F. (And "Dooley" Toe Calk), Damrell S, Boston, Mass.
Cambria Steel Co., Widener bldg., Phila., Pa.
Franklin Steel Works ("Standard," "Climax," "Sweets"), Joliet, Ill. & Cambridge, Mass.
Giant Grip Horse Shoe Co. ("Giant Grip"), **Oshkosh, Wis.**
Ludvigsen Bros. (Welded Center), Jackson, Minn.
Phoenix Horse Shoe Co. ("Phoenix Bull Dog" & "Bull Dog"), 209 S La Salle, Chicago, Ill.
Rowe Calk & Chain Co. ("Rowe"), Plantsville, Conn.
U. S. Horse Shoe Co., Erie, Pa.
Western Automatic Machine Screw Co., Elyria, O.

15658— Toggles

Ankyra Mfg. Co., 144 Berkley, Wayne Junct., Phila., Pa.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Eberhard Mfg. Co. (Harness), C. & P. Ry & Tennyson rd, Cleveland, O.
Economy Toggle Co. ("Economy" for Tanners), 21 Storer, Boston, Mass.
Elbel Co. (Harness), Canton, O.
Hamblet & Hayes Co. ("Improved H. H. Patent") (Improved H. & H. for Tanners), 284 Devonshire, Boston, Mass.
North & Judd Mfg. Co. ("Anchor Brand" Harness), New Britain, Conn.
PAINE COMPANY THE, 1742 W Van Buren, Chicago, Ill.
Star Expansion Bolt Co. ("Sebco"), 145 Cedar, New York
See adv index at end of book

15659— *Toggles (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15659a—Toilet Articles Mfrs.

DU PONT E. I. DE NEMOURS & CO. INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Fiberloid Corp., Dept. H, Indian Orchard, Mass.
Loveland Wm. H. Co., Binghamton, N. Y.

15660—Toilet Articles (Celluloid)

Celluloid Co. (Brushes, Combs, Mirrors, Boxes, Rings, Trays, Files, Shoe Hooks & Horns, Thimbles, etc), 36 Washington pl, New York
Leominster Shell Goods Mfg.Co., Leominster, Mass.

15660a— Toilet Sets

See also Manicure Sets

DU PONT E. I. DE NEMOURS & CO. INC., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*
Schimper Wm. & Co., 332-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York
Saart Bros. Co. (Sterling Silver), Attleboro, Mass.

15660b—Toilet Sets (Cased)

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

15661— Tolanite

Phila. Clay Co. (Pulverized or Lump), 1316H Commonwealth Trust bldg, Phila., Pa.

15661a— Tolidin

Aniline Dyes & Chemicals, Inc., New York
Newport Chemical Woks, Inc., Milwaukee, Wis.
Transatlantic Chemical Corp., 80 Wall, New York

15661b— Toluidine

Chemical Co. of America, 28 Platt, New York
Du Pont E. I. de Nemours & Co. Inc., Dyestuffs Sales Div., Wilmington, Del.
See adv index at end of book
Montcalm Chemical Works (Meta Nitro Para), 220 No Illinois, Indianapolis, Ind.
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Transatlantic Chemical Corp., 192 B'way, New York

15661c— Toluidine Base

DU PONT E. I. de NEMOURS & CO. INC., Dyestuffs Sales Dept., Wilmington, Del. *See adv index at end of book*

15662— Toluol

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Camden Coke Co., Camden, N. J.
Coopers Creek Chemical Co., West Conshohocken, Pa.
Corrigan, McKinney & Co., Cleveland, O.
du Pont Chemical Works, Equitable bldg, New York
Inland Steel Co., 38 S Dearborn, Chicago, Ill.
JORDAN WILLIAM E. INC., 15 Cliff, New York
La Belle Iron Works, Steubenville, Ohio
Lackawanna Steel Co., Buffalo, N. Y.
Laclede Gas Light Co., 11th & Olive, St. Louis, Mo.
Lewis F. J. Mfg. Co., Moline, Ill.
McKinney Steel Co., Perry Payne bldg, Cleveland, O.
Marden, Orth & Hastings Co., 136 Liberty, New York
New Haven Gas Light Co., New Haven, Conn.
Newport Chemical Works, Inc., Milwaukee, Wis.
Seaboard By-Products Coke Co., Jersey City, N. J.
Semet-Solvay Co., Syracuse, N. Y.
Standard Chemical Co., Tacoma, Wash.
United Gas Improvement Co., Broad & Arch, Phila., Pa.
Youngstown Sheet & Tube Co., Youngstown, O.
Western Aniline Products Co., Hammond, Ind.
Zenith Furnace Co., Duluth, Minn.

15662a—Toluol (Recovery Plant Constructors)

Wilputte Coke Oven Corp., 469 5th av, New York

15663—Tongs (Auto Chain)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

15664— Tongs (Blacksmiths')

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion" Straight Lip, Bolt, Gad Pick-Up & Farriers), Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Heller Bros. Co., 870 Mt. Prospect av, Newark, N. J.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Ketler-Elliott Co. ("Ketoco"), 31st & Cal., Chicago, Ill.
Leibfried C. W., 97 Guernsey, B'klyn, N. Y.
Moore Drop Forging Co., Springfield, Mass.
Plumb Fayette R. (Inc.), Tucker & James, Philadelphia, Pa.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stearns E. C. & Co. ("Stearns," Swivel Jaw), 450 Oneida, Syracuse, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book

15665-6—Tongs (Bridge Builders)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

15667— Tongs (Candy)

Getz M. & Co., 162 1st, San Francisco, Cal.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.

15668— Tongs (Chain)

See also Wrenches, Chain

Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Robbins, Gamwell & Co. ("Robbins"), Pittsfield, Mass.
Stortz John & Son (Hoisting), 210 Vine, Phila., Pa.
Union Tool Co. ("Hardison," "Kellerman," "Maddress" for Oil & Gas, Well Pipe or Casing), Lorrance, Cal.

15669— Tongs (Charging)

Brass Founders Supply Co. (For Brass Fdrs.), Wilson av, Newark, N. J.

15670— Tongs (Cinder)

Reading Saddle & Mfg. Co., Reading, Pa.

15670a— Tongs (Clinker)

Pilley Flue Brush Co. (For Steam, Hot water Heating, etc), 604 S 3rd, St. Louis, Mo.

15671— Tongs (Coal)

Fanner Mfg. Co. ("Arctic"), Cleveland, O.

15672-3— Tongs (Crucible)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Barnett Oscar Foundry Co., Irvington, N.J.
Byram & Co., Detroit, Mich.
Dicke Tool Co., Downers Grove, Ill.
Klemm E. R., 1453 Austin av, Chicago, Ill.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Northern Engineering Works, 210 Chene, Detroit, Mich.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

Tongs (Farriers')

See Tongs, Blacksmiths'

15674— Tongs (Fish)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Nicol & Co. ("Nicol's"), 218 No. Jefferson, Chicago, Ill.
Pa. *See adv index at end of book*

15675— Tongs (Hog)

Pratt Wm. E. Mfg. Co. ("The Hill"), 35 W Lake, Chicago, Ill.

15676— Tongs (Ice)

American Ice Co., 6th & Arch, Phila., Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Columbus Handle & Tool Co., Columbus, Ind.
Dernell H. F. Co., Athens, N. Y.
Fanner Mfg. Co. ("Arctic," Family), Cleveland, O.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Hopkins W. F., Groton, New York
Louden Machinery Co (Self Opening), Fairfield, Ia.

Parks & Parks ("Little Giant" for Domestic Use), Troy, N. Y.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Reading Saddle & Mfg. Co. (Family), Reading, Pa.
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Vaughan & Bushnell Mfg. Co. ("Jack Frost," "V. & B."), 2114 Carroll av, Chicago, Ill.

15677-8—Tongs (Joist or Timber)

Ransome Concrete Machinery Co. (For Hoisting Timber, etc., into High Buildings), Dunellen, N. J.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.

15679— Tongs (Machinists')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Delaware Tool Co. (Automobile & Plumbers), Wilmington, Del.

15680— Tongs (Piano Hammer Shank)

Kraeuter & Co., 583 18th av, Newark, N. J.

15681—Tongs (Pick-up Fire)

Bronx Derrick & Tool Co., 143d & Southern blvd, New York
See adv index at end of book
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Stanley Rule & Level Co (Atha Division), New Britain, Conn.

15682— Tongs (Pipe)

Ashcroft Mfg. Co. ("Brown's"), Adjustable, etc), 119 W 40th, New York
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crane Co. ("Brown"), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co. (Ltd.), ("Darling"), Williamsport, Pa.
Jarecki Mfg. Co. ("Jarecki" Adjustable), Erie, Pa.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
Mueller H. Mfg. Co. ("Mueller" Improved Derrick & Pipe Tongs for Water & Gas Mains), Decatur, Ill.
Oil Well Supply Co. ("Klein" "Lay," "Crumbie," "Robbins"), 215 Water, Pittsburgh, Pa.
Saunders' D. Sons, Yonkers, N. Y.
Union Drop Forge Co. (Parts Only), 355 W Grand av, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.

15682a— Tongs (Platinum)

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co. Platinum Wks., Malvern. Pa.

15683— Tongs (Rail)

See also Tools, R. R. Track

Auer John Jr. (Heavy), 197 Middleton, Brooklyn, N. Y.
Beall Bros. (Inc.), Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co (Atha Division), New Britain, Conn.
Union Drop Forge Co., 353 W Grand av, Chicago, Ill.
Verona Tool Works, Oakmont, Pa.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.

15684— Tongs (Rod)

Ward Love Pump Co. ("Ward-Low"), Rockford, Ill.

15685— Tongs (Roofing)

Burritt O. W. & Bro., Weedsport, N. Y.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Foote J. B. Foundry Co., Fredericktown, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

15686—Tongs (Saw Brazing)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

Tongs (Skidding)

See Tools, Logging & Lumbermen's

15687—Tongs (Stone Handling)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Lincoln Iron Works (For Handling Finished Work), Rutland, Vt.
Sasgen Derrick Co. ("Sasgen"), 3101 W Grand av, Chicago, Ill.

15688— Tongs (Stump)

Ransome-Leach Co., 115 B'way, New York

15689— Tongs (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.
Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15690-1-2—Tongs (Vegetable, etc.)

Hamblin & Russell Mfg. Co. ("Helping Hand" Wire), Worcester, Mass.

Tongue Supports

See Supports, Wagon Tongue

15693— Tongues (Wagon)

Abeles & Taussig Tie Corp., Commercial bldg, St. Louis, Mo.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.

15694— Tool Kits

Armstrong Mfg. Co. ("Armstrong" Combination, Bridgeport, Conn.
Billings & Spencer Co. ("B. & S." Auto), Hartford, Conn.
Boker Cutlery & Hardware Co. ("Alsteel"), 101 Duane, New York
Bonney Forge & Tool Works, Allentown, Pa.
Bridgeport Hardware Mfg. Co. ("So Handy" Pocket Knife), Bridgeport, Conn.
Buhrke R. H. Co. (Electrician's, Linemen's & Mechanics'), 1250H Fullerton av, Chicago, Ill.
Chicago Tool & Kit Mfg. Co. (Automobile & Tractor), 12 N Market, Chicago, Ill.
Cushion Auto Tool Co. (Automobile), Champaign, Ill.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Feeser Frank S. Co., 1033 Shelby, Indianapolis, Ind.
Jennings C. E. & Co. ("Little Wonder"), 71 Murray, NewYork
Kennedy Mfg. Co. (Steel), 14 E Jackson blvd, Chicago, Ill.
Leonard Machy & Tool Co., Inc., 609 S Paulina, Chicago, Ill.
Marcy Tool Works ("Plumbers"), Putnam, Conn.
Napanoch Knife Co. ("Kompak"), Napanoch, N. Y.
Ulery U. J. Co. ("Ulery"), 259 Broadway, New York
Vande Water Mfg. Co., Newburgh, N. Y.
Vichek Tool Co. ("Vichek," Complete Assortments), 8701 Mt. Auburn av, Cleveland, O.
Williams J. H. & Co. (Drop-Forged Wrenches), 31 Richards, Brooklyn, New York *See adv index at end of book*
Zinn Edward (Pocket), 11th av & 25th, New York

15694a— Tool Makers

Advance Tool Wks., 2304 Warren av, Chicago, Ill.
Clyne R. G. Engineering Co., 12th & Tyler, St. Louis, Mo.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Hart Fredk & Co., 837 Main, Poughkeepsie, N. Y.
Jamestown Die & Tool Co., Dept. H, Jamestown, N. Y.
JAXON CO., 1010-12-14 Jackson, Toledo, O. *See adv index at end of book*
Lincoln Tool Co., Marquette bldg, Detroit, Mich.
Milwaukee Tool & Forge Co., Milwaukee Wis.
New England Tool & Machine Co., 51 Taylor, Springfield, Mass.
Saal H. G. Co., 1800 Montrose av, Chicago, Ill. *See adv index at end of book*
Security Tool Works, 115 S Clinton, Chicago, Ill.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Walstad Machine Co., Tacoma, Wash.
York Elec. & Machine Co., York, Pa.

15695-6— Tool Posts

Armstrong Bros. Tool Co. ("Armstrong" Improved), 339 N Francisco av, Chicago, Ill.
Brown & Sharpe Mfg. Co. (Cutting-Off, etc), Providence, R. I.
Magna Machine Co., 626 Driggs av, Brooklyn, N. Y.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Phoenix Mfg. Co. ("Conradson" Turret), Eau Claire, Wis.
Rex Mfg. Co. ("Rex"), Cambridge, Mass.
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15697— Tool Sets

Armstrong Bros. Tool Co. ("Armstrong," Lathe, Comprises Ten Tools), 339 N Francisco av, Chicago, Ill.
Bonner Drop Forge Co. ("Victor," "Farmers," etc.), 111 W Washington, Chicago, Ill.
Bridgeport Hardware Mfg. Corp. ("B. H. M.," "Utility" Hollow Handle), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Dikeman Mfg. Co. (Metal Handle), Norwalk, Conn.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Fray Jno. S Co. (Inc.) (Hollow Handles), Bridgeport, Conn.
Goodell-Pratt Co. (Hollow Handle), Greenfield, Mass.
Improved Gauge Mfg. Co. (Wrench Sets), 105 Canal, Syracuse, N. Y.
National Mechanical Corp., 125 S Racine, av, Chicago, Ill.
Robinson M. W. Co. ("Rollis," "Buell's" Hollow Handle), 296 B'way, N. Y.
Sargent & Co. ("Sargent" & "Aiken" Hollow Handle, etc), New Haven, Conn.
Slocomb J. T. Co. (Micrometer), 35 Oxford, Providence, R. I.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
WILLIAMS J. H. & CO. ("Agrippa" Lathe Tool Holders, Drop-Forged Wrenches), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Williamsburg Mfg. Co. (Hollow Handle), Williamsburg, Mass.

15698—Tool Stands (Portable)

Allsteelequip Co. (Metal), Aurora, Ill.
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Lupton's David Sons Co., Allegheny av & Tulip, Phila., Pa.
Western Tool & Mfg. Co. ("Champion" Movable Bench), Springfield, O.

Tool Steel

See Steel, Crucible; also Steel Bar Mills

15698a— Tools

See also Specific Article Required

A. M. Machine Works (Grinding), 72 W Washington, Chicago, Ill.
Beaver Machine & Tool Co., Inc., 625 No 3rd, Newark, N. J.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Capital Die Tool & Mach. Co., 619 N 4th, **Columbus, O.**
Central Machine Works, 12th & Tyler, St. Louis, Mo.
Corbin Supply Co. (Dealers), Macon, Ga.
Elec. Appliance Mfg. Co. (To Order), Dept. H, Waterbury, Conn.
Jamestown Die & Tool Co., Dept. H, Jamestown, N. Y.
Levi Benjamin, 355 W B'way, New York
Lidseen Gustave, 832 S Central av, Chicago, Ill.
McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.
Malm & Stahl Tool Works, 561 Washington, Chicago, Ill.
Scalbom Mfg. Co., 11 S Desplaines, Chicago, Ill.
Service Tool Die & Mfg. Co., 206 S Jefferson, Chicago, Ill.
Skelton Tool Co., Inc., 406 E Ash, Syracuse, N. Y.
Stafford Tool Works, Hartford, Conn.
Stow Mfg. Co., Inc. (Motor Driven), Binghamton, N. Y. *See adv index at end of book*
Wells Holmes Co. Inc., 50H E 42nd, New York

Tools (Adjustable Milling)

See Mills, Adjustable Hollow

Tools (Artesian Well Drilling)

See Machinery, Well Drilling

15699—Tools (Asphalt Paving)

See also Tools, Paving

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

15700— Tools (Assayers')

Sperry D. R. & Co. (Moulds, Pots Cupel Plates), Batavia, Ill.

15701— Tools (Automobile)

Barcalo Mfg. Co., Buffalo, N. Y.
Beckley-Ralston Co., 1301 S Mich. av, Chicago, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika" Cylinder Ring Remover), South Side, Louisiana, Mo.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Crane Co., Allston, Mass.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Chicago, Ill.



STOW MANUFACTURING CO., Inc.

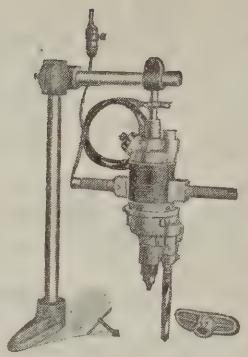
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Drills All Sizes

TOOLS (AUTOMOBILE)—continued

Gay E. L. Machine Co. (Gear, Cam & Flywheel Remover), Southbridge, Mass.
Gemco Mfg. Co. ("Gemco," Tire Tools), Milwaukee, Wis.
GREENFIELD TAP & DIE CORP. ("GTD" Taps, Dies, Reamers Twist Drill, Gauges, etc.), Greenfield, Mass.
See adv index at end of book
Hammacher, Schlemmer & Co., 133 4th av, New York
Helwig Mfg. Co. ("Helwig" Pneumatic Riveting Hammers, "Helwig" Pneumatic Chipping Hammers, "Helwig" Pneumatic Reversible Drills & Bolt & Rivet Clippers "Helwig"), St. Paul, Minn.
Long Adam A. ("L. & M." Shoe Loosener), Rochester, N. Y.
Michelin Tire Co. (Tire Tools), Milltown, N. J.
Mound Tool Co. ("Mound"), 1203 S 7th, St Louis, Mo.
Noon A. S. Tool & Machine Wks., Rome, N. Y.
Plomb Tool Mfg. Co. (Open End Wrenches), 2209 Santa Fe av, Los Angeles, Cal.
Rhodes Mfg. Co. (Tire Removers), Grand Rapids, Mich.
Shawver Co. (Tire Removers, "Springfield"), Springfield, O.
Van Doren Mfg. Co. ("Vander"), Chicago Heights, Ill.
Vichek Tool Co. ("Vichek") 3000H E 87th, Cleveland, Ohio.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15702— Tools (Balancing)

Anderson Bros. Mfg. Co. (Balancing Ways), Rockford, Ill
Bowsher N. P. Co. (Balancing Way), South Bend, Ind.
Rockford Tool Co. ("20th Century," for Pulleys, Cones, Armatures, Fly Wheels, Airplane Propellers, etc), Rockford, Ill.

15703— Tools (Beading)

Anderson W. H. Tool & Supply Co. 184 Brush, Detroit, Mich.
Buffum Tool Co. ("Swastika," Boilermakers'), South Side, Louisiana, Mo.
Cleveland Punch & Shear Works Co. (Flue Beaders), 3921 St. Clair av, N E, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Eagle Tool Works, Bayonne, N. J.
Goldblatt H. Tool Co, 213 E 15th, Kansas City, Mo.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
Marshalltown Trowel Co., Marshalltown, Ia.
Pratt & Whitney Co. (Flue Beading), Hartford, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Wiedeke Gustav & Co. (Boilermakers'), Dayton, O.

15704—Tools (Bell Centering)

Braunsdorf-Mueller Co., Elizabeth, N. J.

15704a—Tools (Blacksmiths')

See also Index of Contents for Specific Articles Wanted

Carlson Forgings Co., 733 Fulton, Chicago, Ill.
Champion Tool Co., Meadville, Pa.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.

15705—Tools (Boilermakers')

American Die & Tool Co., Reading, Pa.
Arrow Forging & Tool Wks, 514H Lafiin, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
California Tool Works, 181 Beale, San Francisco, Cal.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Delaware Tool Co., Wilmington, Del.
Faessler J. Mfg. Co. (Hand & Pneumatic), Moberly, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
GREENFIELD TAP & DIE CORP. ("G. T. D." Taps & Reamers), Greenfield, Mass.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Liberty Tool Corp. ("Liberty"), 1321H Munsey bldg, Baltimore, Md.
Ketler & Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*

LOVEJOY TOOL WORKS

Manufacturers

Ball-Bearing Jacks

Boilermakers' and Railroad Tools

319 West Ohio Street, Chicago, Ill.

Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Thomson Alex, Fitchburg, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Wiedeke Gustav & Co. (Tube Expanders, Beading Tools, Tube Cutters), Dayton, O.

15706— Tools (Bookbinders')

Hickok W. O. Mfg. Co., Harrisburg, Pa.

15707— Tools (Boring)

See also Tools, Lathe; also Braces; also Drills, Automatic

Allen & Curtiss Co. ("Simple"), Benton Harbor, Mich.
Alert Tool Co., 237 N 6th, Phila., Pa.
Armstrong Bros. Tool Co. ("Armstrong," also Three Bar), 339 N Francisco av, Chicago, Ill.
Blakely W. W. ("Common Sense" Adjustable), 369 Edison, Detroit, Mich.
Clark Machy. Co., 1302 Ontario, Cleveland, Ohio
Connecticut Valley Mfg. Co. ("Jennings" Wood), Centerbrook, Conn.
Deschanel Engng. Corp., 90 West, New York
Forest City Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.
Fray Jno. S. Co. (Inc.), Bridgeport, Conn.
Goodell Mfg. Co., Greenfield, Mass.
Kelly Reamer Co. ("Kelly"), 1553 Columbus rd, Cleveland, O.
Lucas Machine Tool Co., 524 E 99th, Cleveland, Ohio.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co. (Automatic), Millers Falls, Mass.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Star Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.
Toledo Pipe Threading Machine Co. ("Toledo" Ratchet, Wood), 1440 Summit, Toledo, O.
Union Tool Co. ("Hill"), Orange, Mass.
Unity Mfg. Co. ("E. Z. Sit"), 4227 Lorain av, Cleveland, O
Vaughan & Bushnell Mfg Co., 2114 Carroll av, Chicago, Ill.
Wellman Co. ("Twentieth Century"), Medford, Mass.
Western Tool & Mfg. Co. ("Champion"), Springfield, O.
WILLIAMS J. H. & CO. ("Agrippa" boring tool holders), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Wrightville Hardware Co. ("Quad" & "Quint," for Augur Mortisers), Wrightsville, Pa.

Tools (Bricklayers')

See Tools, Masons'

15708— Tools (Burring)

GREENFIELD TAP & DIE CORP. ("G. T. D." Spiral, Fluted, Burring Reamers), Greenfield, Mass.
See adv index at end of book

Tools (Butchers')

See Index of Contents for Specific Article Required. If Not Found, Write Us

Tools (Cabinetmakers')

See Specific Article Required

15709— Tools (Calking)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Delaware Tool Co., Wilmington, Del.
Drew C. & Co., Kingston, Mass.
Fairmount Tool & Forging Co. (Fairmount"), 10611 Quncy av, Cleveland, Ohio
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Leetonia Tool Co. (The), Leetonia, O.
See adv index at end of book
Lovejoy Tool Works (Straight or Bent), 319 W Ohio, Chicago, Ill.
See adv index at end of book
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Marcy Tool Works, Putnam, Conn.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Mueller H. Mfg. Co. (Combination Soil Pipe), Decatur, Ill.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plomb Tool Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.
Pollard J. G., 141 Raymond, Brooklyn, N. Y.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Stortz John & Son Inc. (Plumbers, Boiler & Ship), 210 Vine, Phila., Pa.
Union Iron Works, Hoboken, N. J.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilcox, Crittenden & Co. Inc. (Calking Irons), Middletown, Conn.
See adv index at end of book

15710—Tools (Carpenters')

See also Index of Contents for Specific Article Required. If Not Found, Write Us

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Heller Brothers Co., 870 Mt. Prospect av, Newark, N. J.

Hood Bros., Palethorp & Oxford, Phila., Pa.
Plomb Tool Mfg. Co. (Jobbers), 2209 Santa Fe av, Los Angeles, Cal.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Tools (Cement Sidewalk)

See Tools, Concrete Finishing

15711—Tools (Cement Workers')

Anderson, W. H., Tool & Supply Co., 184 Brush, Detroit, Mich.
Bonney Forge & Tool Works, Allentown, Pa.
Delaware Tool Co., Wilmington, Del.
Martin Iron Works, 1222 E 28th, Los Angeles, Cal.
Stortz John & Son Inc., 210 Vine, Phila., Pa.

15712— Tools (Comb)

Grimes & Harris, Leominster, Mass.

15713— Tools (Combination)

Benefiel C. E. Co. ("Handi-Tool"), Indianapolis, Ind.
Chicago Flexible Shaft Co. ("Stewart" Handy Worker), 5600 W 12th, Chicago, Ill.
Foote Mfg. Co. ("Ever-Ready" Tool Kit, Hammer, Punches, Pullers, Screwdriver, Wire Splicer, Wrench, All Combined in One), Dayton, O.
Harrah Mfg. Co. ("12-In-1"), Bloomfield, Ind.
Reed Evan L. Mfg. Co., Sterling, Ill.
WILLIAMS J. H. & Co. (demountable rim), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15714—Tools (Commutator, Truing)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Jordan Bros., 74 Beekman, New York

15715—Tools (Concrete Finishing)

Abram Cement Tool Co., Marquette bldg, Detroit, Mich.
Anderson W. H. Tool & Supply Co. (Edgers, Groovers, Markers, Rollers, Framers, etc), 184 Brush, Detroit, Mich.
Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buckeye Iron & Brass Works (Brass Edgers, Step Tool, Jointer & Cast Iron Tramp, etc), Dayton, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cheney S. & Son ("Mogul"), Manlius, N. Y.
Crescent Novelty Mfg. Co. (Steel or Bronze), 703 S B'way, St. Louis, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Goldblatt H. Tool Co., 213 East 15th, Kansas City, Mo.
Heltzel Steel Form & Iron Co., Warren, O.
Holtum Mfg. Co. ("S. & H." Aluminum & Name Stamps), Freeport, Ill.
Kramer Bros. Foundry Co. ("Gem"), Dayton, O.
Noble Henry A. Co., 203 Dock, Phila., Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Standard Tool & Mfg. Co. ("Standard" Long Handled), Indianapolis, Ind.
Stortz John & Son, 210 Vine, Phila., Pa.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

15716— Tools (Coopers')

American Axe & Tool Co., Glassport, Pa.
Atkins E. C. & Co. (Saws), Indianapolis, Ind.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Chapin, Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co. ("Crescent" Punch), 703 S B'way, St. Louis, Mo.
Drew C. & Co., Kingston, Mass.
Emerson Smith & Co., Beaver Falls, Pa.
Evansville Tool Works, Evansville, Ind.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton" Axes, Adzes, Anvils, Drawing Knives, Beck Horns, etc), Rochester, N. Y.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill. *See adv index at end of book*
Sandusky Tool Co. (Wood Tools, etc), Sandusky, O.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

15717— Tools (Cotter Pin)

Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Marks, Chicago, Ill.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Marcy Tool Works, Putnam, Conn.
Vichek Tool Co. ("Vichek") 3000H E 87th, Cleveland, Ohio.

15718— Tools (Cutting-Off)

Armstrong Bros. Tool Co. ("Armstrong" Straight & Right & Left Hand), 331 N Francisco av, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co. ("Johnson" Cutting-Off Blades), Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn.
Union Tool Co. ("Hill High Speed"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.
Walworth Mfg. Co., Boston, Mass.
Western Tool & Mfg. Co. ("Champion"), Springfield, O.
WILLIAMS J. H. & Co. ("Vulcan" & "Agrippa" dropforged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15719—Tools (Diamond, Turning, Etc.)

See also Emery Wheel Dressers; also Cutters, Glass

ACME DIAMOND TOOL CO., 12-16 John, New York.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Crafts Arthur A. & Co., 125 Summer, Boston, Mass.
Dessau D., Printing Crafts bldg., 33rd & 34th & 8th av., New York.
See adv index at end of book

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"THE BETTER KIND"
CARBON (Black Diamonds) & BORTZ
DIAMOND POINTED TOOLS
D. DESSAU
Printing Crafts Bldg.
(33rd to 34th St.—8th Ave.) New York

Dessau's S. Sons, Printing Crafts bldg, 33rd & 34th & 8th av, New York
Diamond Drill Carbon Co., 59 Park row, New York
Diamond Pointed Tool Co., 141H Fulton, New York.
Dickinson Thos. L., 36 Gold, New York
Francis & Co., 50 State, Hartford, Conn.
Gutman Chas., 35 Nassau, New York
Levine, Abr., 14 John, New York
Mendes Cutting Factories ("Mendes" for all Mechanical Purposes), 12 John, New York
Meyers Willard F. Co., Bedford, Ind.
Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.
Safety Emery Wheel Co. (Hand Lathe), Springfield, O.
Skinner Bros., 430 Kent av, Brooklyn, N. Y.
Tanite Co., Stroudsburg, Pa.
Union Tool Co., Orange, Mass.
Wennstrom's John Sons Co., Suffern, N. Y.
Wheel Truing Tool Co., Penobscot bldg, Detroit, Mich.

15720-1—Tools (Draftsman's)

ACME BLUE PRINT PAPER CO., 115 So. Dearborn st, Chicago, Ill.
See adv index at end of book
Defiance Mfg Co., 22 E 41st, New York.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Tools (Drill Sharpening)

See Drill, Sharpening Machines

15722—Tools (Drilling & Fishing, Oil Well)

Acme Fishing Tool Co., Parkersburg, W. Va.
American Well Works The, 112 B'way, Aurora, Ill. *See adv index at end of book*
American Well & Prospecting Co., Corsicana, Tex.
ASSOCIATED WELL SUPPLY CO. INC., 111 Broad, New York
See adv index at end of book
Benner Tool Co., Swissdale, Pa.
Boardman Robt. Co., Oil City, Pa.
Bovaird Supply Co., Independence, Kan.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bradford Supply Co., Bradford, Pa.
Bunting Iron Wks., First Nat. Bk. bldg, San Francisco, Cal.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Crotty J. J. & Co., Parkersburg, W. Va.
Davin J. J., Washington, Pa.
Dobbins Core Drill & Co., Inc., 147 W 42nd, New York
Dunn Mfg Co. ("Dunn"), Oxnard, Cal.
Herron R. H. Co., 934 N Alemeda, Los Angeles, Cal.
Kesselman & Co., Butler, Pa.
KEYSTONE DRILLER CO., Beaver Falls, Pa. *See adv index at end of book*
Larkin J. J., Bartelsville, Okla.
Larkin & Co., Butler, Pa.
Leidecker Tool Co., Marietta, O.
Lucey Manufacturing Corp., 233 Broadway, New York
For branch offices see Alphabetical Section
Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.
McDermott P. J., Martins Ferry, O.
Masseth Packer & Machine Co. ("M & B"), Butler, Pa.
Muirhead John & Son, Pittston, Pa.
Muskogee Tool Co. (Bits, Bailers Jars & Stems etc.), 6th & Elgin, Muskogee, Okla.
National Supply Co., Union Bank bldg, Pitsburgh, Pa.
Norwalk Drilling Tool Co., Norwalk, O.
Off-Set Tool Co., Bridgeport, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Phillips David Co., Bradford, Pa.

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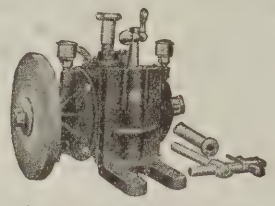
HENDRICKS' COMMERCIAL REGISTER

Is the Index to Trades in which every item is listed and cross-indexed, making this the most easily used book. Always consult the Index to Trades when in search of information.

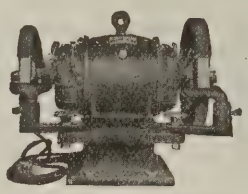
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UP TO 2″



CENTER GRINDERS
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BENCH GRINDERS
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TOOLS (DRILLING & FISHING, OIL WELLS)—continued

Saunderson-Cyclone Drill Co. ("Cyclone"), Orrville, Ohio
Sheridan John J. & Co., Mars, Pa.
Spang & Co., Butler, Pa.
Star Drilling Machine Co., Akron, O.
Tuna Iron & Steel Works,, Bradford, Pa.
Union Tool Co., Torrance, Cal.
Western Rope & Mfg. Co. ("Westco"), Tulsa, Okla.
WILSON & WILLARD MFG CO., 2301 E Vernon av, Los Angeles, Cal.
Zahniser Bros. & Sten, Washington, Pa.

15722a— Tools (Drop-Head)

WILLIAMS J. H. & CO. ("Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15723— Tools (Electric)

Bush Electric Co., 6654 Broadway, Cleveland, Ohio.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Dopp J. W. & Co. (Dealers), 18 W Columbus, Detroit, Mich.
Neil & Smith Electric Tool Co., 8th & B'way, Cincinnati, O.
Simplex Mfg. Co., Newtonville, Mass.
Standard Elec. Tool Co., Western av & York, Cincinnati, Ohio.
STOW MFG. CO., INC. (Motor Driven), Binghamton, N. Y.
See adv index at end of book
U. S. Electrical Tool Co., Cincinnati, Ohio
See adv index at end of book

Tools (Electricians')

See Tools, Lineman's

Tools (Engine Room)

See Tools, Packing

Tools (Engineers')

See Index of Contents for Specific Article Required

15724— Tools (Engravers)

Automatic Engraving & Mfg. Co., Inc., 79 E 130th, New York
Bullock Mfg Associates, Springfield, Mass.
Dixon Wm. Inc., 39 John, New York

15725—Tools (Expansion Boring)

Davis Boring Tool Co. ("Davis"), 3722 Forest Park bl, St. Louis, Mo.

15726— Tools (Farriers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
CHAMPION TOOL CO., Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Hammond C. & Son, Ogontz, Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

15727— Tools (Fillet)

Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Timmis & Clissold, Bound Brook, N. J.

15728—Tools (Finishing Gutter & Step)

Anderson W. H. Tool & Supply So., 184 Brush, Detroit, Mich.
Crescent Novelty & Mfg. Co. (Sheet Metal, All Sizes and Designs), 703 S B'way, St. Louis, Mo.
Rock Island Mfg. Co., Rock Island, Ill.

15729— Tools (Firing)

Anderson W. H. Tool & Supply So., 184 Brush, Detroit, Mich.
Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Focht, Geo. Sons, 117-119 Adams, Hoboken, N. J.
Grabler Mfg. Co., Cleveland, O.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.

15730— Tools (Framing)

Topp G. A. & Co. ("Topps"), Indianapolis, Ind.

Tools (Gardeners')

See Index of Contents for Specific Article Required

15731-2—Tools (Glassmakers')

Blaisdell Machine Works (Medical, Laboratory & Scientific), Vineland, N. J.
Dixon H. L. Co., Rosslyn rd, Carnegie, Pa.

15733— Tools (Graining)

Burton A. & E. & Co. (Painters'), 73 Pearl, Boston, Mass.

15734— Tools (Granite & Stone Cutters')

See also Pneumatic Stone Cutting Tools
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Cooley Wright Mfg. Co., Waterbury, Vt.
Dallett Thos. H. Co., ("Dallett" Pneumatic etc.), 1324 Federal, Phila., Pa.
Davey John H., New London, Conn.
Delaware Tool Co., Wilmington, Del.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Hauck Wm. J., 306 Southwest bvld, Kansas City, Mo.
Harrison Supply Co., 209 Washington, Boston, Mass.
Hauck Wm. J., 306 Southwest blvd, Kansas City, Mo.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
International High Speed Steel Co., 99 Nassau, New York
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Kemp J. F. & Co., Quincy, Mass.
Livingston Mfg. Co., Rockland, Me.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Stubbs Steel Co., 17 N 5th, Phila., Pa.
Trimbach Geo. Dayton, O.
Trow & Holden Co., Barre, Vt.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Vulcan Tool Mfg. Co., Quincy, Mass.
Willbas Gustaf, Quincy, Mass.

15735—Tools (Gun Cleaning & Reloading)

Cullum & Boren Co., ("Texas Ranger" Rifle Cleaning Rod), Dept. H, Dallas, Texas.
Marble Arms & Mfg. Co. ("Marble" Gun Rods & Cleaners), Gladstone, Mich.
Parker Bros. (Cleaning & Reloading), Meriden, Conn.
Rupert G. G. ("G. & R." Cleaning Rod), Decatur, Ill.
Savage Arms Corp. (Reloading), Utica, N. Y.
Stevens J. Arms Co. (Gun Cleaning), Chicopee Falls, Mass.
Union Hardware Co. (Cleaning & Reloading), Torrington, Conn.
U. S. Cartridge Co. ("Belcher's" Automatic Magazine Cartridge Loader), Lowell, Mass.
Winchester Repeating Arms Co. ("Winchester") (Reloading), New Haven, Conn.
Worcester Brush & Scraper Co. ("Criss-Cross," Gun Cleaner & Gun Rod), Worcester, Mass.

15736—Tools (Harness & Saddlery)

Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15737— Tools (Hatters')

Cuming M. A. & Co., 43 Bleeker, New York

15738— Tools (Haying)

American Fork & Hoe Co. (Hand Tools), Swetland bldg, Cleveland, O.
Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.
Barley Thos. K. Sedalia, Mo.
Emerson-Brantingham Co. ("E.-B." & "E.-B. Osborn"), Rockford, Ill.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Herschel B. Mfg. Co., Peoria, Ill.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Louden Machinery Co., Fairfield, Ia.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
Ney V. L. Hay Tool Co., Canton, O.
O'Neil T. L., Marseilles, Ill.
Porter J. E. Co., Ottawa, Ill.
Strickler Hay Tool Co., Janesville, Wis.
Swineford G. A. Co., Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.

15739—Tools (Hollow Handle Sets)

See also Tools, In Sets
Bergman Tool Mfg. Co. (Metal), Buffalo, N. Y.
International High Speed Steel Co., 99 Nassau, New York
Millers Falls Co., Millers Falls, Mass.
Morgan Mfg. Co., Inc. ("Morgans Handy") Keene, N. H.

Tools (Hollow Mortising)

See Chisels, Hollow Mortising

15740—Tools (Ice Harvesting)

Anderson W. H. Tool & Supply So., 184 Brush, Detroit, Mich.
Bodenstein J. G. & Co., Staatsburgh, N. Y.
Dernell H. F. Co., Athens, N. Y.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Stevens Benj. A. Co., Toledo, O.

15741—Tools (Interchangeable)

Currier-Koeth Mfg. Co. ("Koeth's"), Coudersport, Pa.

Tools (Jewelers')

See Tools, Watchmakers' & Jewelers'

15742—Tools (Key Seating)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Davis C. F. Machine Co., 133 Andrews, Rochester, N. Y.
National Machine Tool Co. ("National"), Cincinnati, O.
Seeger Machine Tool Co., 34 S Forsyth, Atlanta, Ga.
Union Tool Co. ("Hill"), Orange, Mass.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio.

15743— Tools (Knurling)

Alert Tool Co. (Up to ½ inch in Diameter), 237 N 6th, Phila., Pa.
Armstrong Bros. Tool Co. ("Armstrong," Plain & Revolving Head), 339 N Francisco ave, Chicago, Ill.

Billings & Spencer Co. ("Billings"), Hartford, Conn.
Goodell-Pratt Co. (Hand), Greenfield, Mass.
Pratt & Whitney Co., Hartford, Conn.
WILLIAMS J. H. & CO. ("Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15744—Tools (Lathe & Planer)

Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Atlas Engineering Co. (Lathe), Lincoln, N. J.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Planer Co. ("Whalen" Planer), 3120 S Oakley, Cincinnati, Ohio.
Diamond Tool & Die Co., 438 Asylum, Hartford, Conn.
Gleason Works (Automatic Bevel Gear Planers; Generating & Forming), 1000 University av, Rochester, N. Y.
See adv index at end of book
Goodell-Pratt Co. (Lathe, Small Size Only), Greenfield, Mass.
Marcy Tool Works, Putnam, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Myers Lathe Tool Co. ("Universal"), 416 E 9th, Los Angeles, Cal.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E" Side Lathe), Bridgeport, Conn.
Smith, R. G. Tool & Mfg. Co., 315 Market, Newark, N. J.
Stortz Jno. & Son, 210 Vine Phila., Pa.
Union Lathe Wks., York, Pa.
Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.
Western Tool & Mfg. Co. ("Champion" Side Tool), Springfield, O.
WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Young Machine & Tool Co., Worcester, Mass.

15745— Tools (Lead Burners)

Geforer C. & Son, 1017 Ridge, Phila, Pa.

15745a—Tools (Leather Workers)

Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book

15746— Tools (Linemen's)

Atha Tool Co., ft Chapel, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

15747—Tools (Logging & Lumberman's)

American Logging Tool Co. ("Sanford," "Champion," "Blue Line," "Oshkosh," "Columbia," "Evart," "American"), Evart, Mich.
Avery & Co., 48 3rd, Portland, Ore.
Channon Jas. H., Mfg. Co., 227 W Erie, Chicago, Ill.
Dixie Logging Tool Co., Chattanooga, Tenn.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Franklin Tool Works, 1049 Railroad av, S Seattle, Wash.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Grays Harbor Iron & Steel Co., Hoquiam, Wash.
International High Speed Steel Co., 99 Nassau, New York
Northwestern Mfg. Co., Duluth, Minn.
Oshkosh Mfg. Co., Oshkosh, Wis.
Prouty C. & Co., Eldred, Pa.
R. & S. Engraving & Die Wks., 625 W Jackson blvd., Chicago, Ill.
See adv index at end of book
Ransome Concrete Machinery Co., Dunellen, N. J.
Romick A. R., Kelso, Wash.
Simonds Mfg. Co., Ltd. (Jobbers), 420 Canal, New Orleans, La.
STACY EUGENE C. (Load Binders), Tiffin, O. *See adv index at end of book*
Warren Axe & Tool Co. ("Bull Dog"), Warren, Pa.
Woodward Wight & Co., Ltd. ("Strength & Wear"), Howard av & Constance, New Orleans, La.

15748— Tools (Machinists')

Anderson L., 544 W Lake, Chicago, Ill.
Arrow Forging & Tool Wks., 514H Laflin, Chicago, Ill.
BETTES & EBSEN, 152 Chambers, New York.
Deschauel Engng. Corp., 90 West, New York
Hood Bros., Palethrop & Oxford, Phila., Pa.
Indicating Calipers Co., 506 E 19th, New York.
Iron & Steel Products Corp. (Dirs.), 2337 S Michigan av, Chicago, Ill.
See adv index at end of book
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Liberty Tool Corp. ("Liberty"), 1321H Munsey bldg, Baltimore, Md.
Newman Manufacturing Co., 542 W. Jackson, Chicago, Ill.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Purinton & Smith, Hartford, Conn.
Smith W. L. (Jobbers), Newburgh, N. Y.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
WILLIAMS J. H. & CO. (drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Tools (Marble Workers')

See Tools, Granite & Stone Cutters

15749— Tools (Mason's)

Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Fairmont Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

15750— *Tools (Measuring)

NORMA CO. OF AMERICA, Anable av, Long Island City, N. Y.
See adv index at end of book

Tools (Metal Workers')

See Specific Article Required

15751—Tools (Milling Machine)

Atha Tool Co., ft Chapel, Newark, N. J.
Brown G. F. Machine Co., Inc., 109 Fichenor, Newark, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.

15752—*Tools (Millwrights')

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

15753— Tools (Mining)

American Mining Tool Co., Ottumwa, Ia.
Beall Bros. ("Old Alton"), Alton, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Cyclone Machine Co., Pittston, Pa.
Funk Bros. Mfg. Co. (Coal), 53 W Jackson, Chicago & Chicago Heights, Ill.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Coal Miners'), 3201 Smallman, Pittsburgh, Pa.
Iwan Bros., South Bend, Ind.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co. The ("L. T. Co."), Leetonia, Ohio.
See adv index at end of book

Hand Operated
COAL AND ROCK
DRILLS AND TOOLS
for use in and around mines
THE LEETONIA TOOL CO.
Leetonia, Ohio

Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
What Cheer Tool Co., What Cheer, Ia.

15754— Tools (Mitreing)

Carver Tool Works, Spring Valley, N. Y.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.

15755— Tools (Molders')

Barnett Oscar Foundry Co. ("Monk's"), Irvington, N. J.
Diston Hy. & Sons, Tacony, Phila., Pa.
Dobson Wm., Canastota, N. Y.
Monk Chas., 83 18th, Brooklyn, N. Y.

15756—Tools (Motor Cycle Chain)

Bean Tool & Sales Co., Berea, O.

15757— Tools (Nailing)

Pearson E. Martin ("Pearson" Hand Nailer), Robbinsdale, Minn.

15758— Tools (Packing)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Auer John Jr., 197 Middleton, Bklyn, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mound Tool (& Scrapping), 1203 S 7th, St. Louis, Mo.
Strong Machinery & Supply Co. (Lightning & Improved Old Style), 292-294 Church, New York. *See adv index at end of book*

15759—Tools (Paper Hangers')

Bullock Mfg. Associates, Springfield, Mass.
Ridgely Trimmer Co., Springfield, O.

15760— Tools (Parting)

Swan James co. (For Wood Turners), Seymour, Conn.
WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15761-2— Tools (Paving)

See also Tools, Concrete Finishing; also Tools, Asphalt Paving

Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. ("Crescent" & Granitoid Sidewalk), 703 S B'way, St. Louis, Mo.
Kramer Bros Foundry Co., Dayton, O.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Reading Saddle & Mfg. Co. (Cement Finishing), Reading, Pa.
Trow & Holden Co., Barre, Vt.
Union Iron Works, Hoboken, N. J.
Vichek Tool Co., ("Vichek"), 3000H E 87th, Cleveland, Ohio.
Vogl Tool Co., 12 E 19th, Kansas City, Mo.

15763—Tools (Pipe Threading)

Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
Borden Co., The ("Beaver"), Warren, O.
Erie Tool Works, Erie, Pa.
McMann & Taylor Co., 104 John, New York *See adv index at end of book*
Toledo Pipe Threading Machine Co. (Ratchet, etc), 1440 Summit, Toledo, O.

15764— Tools (Pitching)

Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Phillips F. & Son, 1336 Greenwood av, Baltimore, Md.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

Tools (Planer)

See Tools, Lathe & Planer

15765— Tools (Plasterers')

Bransdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Goldbaltt H. Tool Co. (Aluminum & Wood Hawks, Aluminum & Wood Darbies, Cork & Wood Floats, Mitre Tools & Rods), 213 E 15th, Kansas City, Mo.
Plomb Tool Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.

15766—Tools (Plumbers' & Tinners')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
B. B. Specialty Co., 433 Liberty av, Pittsburgh, Pa.
Bernz Otto, 17-37 Ashland av, Newark, N. J.
Bicknell Mfg. & Supply Co. (Plumbers Only), Janesville, Wis.
Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burritt O. W. & Bro. (Tinners' Only), Weedsport, N. Y.
Carver Tool Works, Spring Valley, N. Y.
Delaware Tool Co., Wilmington, Del.
Emrich Phil. ("Emrich" Tinners), 824 Main, Cincinnati, Ohio
Erie Tool Works, Erie, Pa.

TOOLS (PLUMBERS' & TINNERS')—c't.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Fleck Bros. Co. ("K. Korkers"), 44 N 5th, Phila., Pa.
Garrison Brass & Machine Works, 107 W 13th, New York
Hood Bros. (Plumbers), Palethorp & Oxford, Phila., Pa.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Merchant & Evans Co. (Tinners' Tools & Machines), Washington av & 21st, Phila., Pa.
Mueller H. Mfg. Co. (Plumbers'), Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
NIAGARA MACHINE & TOOL WORKS (Tinners' Only), Buffalo, N. Y.
See adv index at end of book
Osborne C. S. & Co. (Dressers), Box 183, Newark, N. J.
See adv index at end of book
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Sayer L. A. Co., 332 Mulberry, Newark, N. J.
Stortz J. & O. & Son, 210 Vine, Phila., Pa.
Williams J. H. & Co. ("Vulcan" & "Agrip-Taiz Jacob & Son, Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
WILLIAMS J. H. & CO. ("Vulcan" & "Falcon" wrenches, "Vulcan" vise, vise clamps & vise mount, "Falcon" waste plug spanner), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Tools (Pneumatic)

See Pneumatic Tools

15767— Tools (Pump)

Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*

15768—Tools (Pyrites Furnace Charging)

Pratt Engineering & Machine Co., Atlanta, Ga.

15769—Tools (Rail Bonding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lord Mfg. Co. ("Lord" Tools, Soldering Torches, etc.), 105 W 40th, New York
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Ohio Brass Co., Mansfield, O.

15770—Tools (Railroad Track)

Beall Bros., Alton, Ill.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fox Bros. & Co., 126 Lafayette, New York
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co. ("Imperial" Pneumatic Tie Tampers), 11 B'way, New York
See adv index at end of book
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Manning Maxwell & Moore, 10 High, Boston, Mass.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Worfks, Oakland, Pa.
Warren Tool & Forge Co. (Adzes, Chisels, Wrenches, Tongs, Forks, Spike Pullers), Warren, O.
See adv index at end of book
Western Tool & Forge Co., Brackenridge, Pa.
WILLIAMS J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15771— Tools (Rivet)

California Tool Works, 181 Beale, San Francisco, Cal.
Cleveland Steel Tool Co. (Center-Cut, Side-Cut & Backing Out), 660 E 82nd, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

15772—Tools (Rock Drill Sharpening)

Evansville Tool Works, Evansville, Ind.
Ingersoll-Rand Co. (For Drill Steels), 11 B'way, New York
See adv index at end of book
International High Speed Steel Co., 99 Nassau, New York
Iron City Tool Works Ltd., 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Plant (Atha Div.), New Britain, Conn.

15773— Tools (Roofing)

Belden Machine Co., New Haven, Conn.
Cardington Cabinet Co., Cardington, O.
Danzer Metal Works (Tinner's, etc), Hagerstown, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
International High Speed Steel Co., 99 Nassau, New York
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Ohio Roofing Tool Co., Tiffin, O.

15573a— Tools (Saddlers)

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

15774— Tools (Sailmakers')

Stortz John & Son (Peggers & Bodkins, etc), 210 Vine, Phila., Pa.
U. S. Needle Concern, 912 W Madison, Chicago, Ill.

Tools (Saw)

See Specific Article Required

15775— Tools (Scraping)

Buffum Tool Co. (Bearing), South Side, Louisiana, Mo.
California Tool Works, 181 Beale, San Francisco, Cal.
Osborne C. S. & Co. (Scrapers, Carbon & Bearing), Box 183, Newark, N. J.
See adv index at end of book
STRONG MACHINERY & SUPPLY CO. Hollow & Flat Ground for Scraping Valves, Journals, Bearings, etc., 292-294 Church, New York
See adv index at end of book
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio.

15776—Tools (Screw Machine)

Bowen G. F. Machine Co., Inc., 24 Scott, Newark, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Geometric Tool Co. ("Geometric," Screw Cutting), New Haven, Conn.
Ideal Foundry & Machinery Corp. ("Ideal"), Beaver Falls, Pa.
Pratt & Whitney Co., Hartford, Conn.
Scott Spencer Automatic Tool Co. (Automatic), 2682 Madison rd, Cincinnati, Ohio
Watson Mfg. Co. (Box Tools), Toledo, O.

15776a— *Tools (Shaper)

WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

15776b— Tools (Shell)

Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.

Tools (Ship Carpenters')

See Adze Manufacturers; also Mallets; also Tools, Calking

15777—Tools (Shoemakers')

Champion Tool Co., Meadville, Pa.
Harrington Cutlery Co., Southbridge, Mass.
Harrington T. J., Southbridge, Mass.
Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 2nd, Phila., Pa.
Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co., Southbridge, Mass.
Snell & Atherton, Brockton, Mass.
Standard Shoe Machinery Co., Lawrence, Mass.

15777a— *Tools (Side)

WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15778—Tools (Slaters' & Shingle)

Ackerman & Johnson, Bangor, Pa.
Anderson W. H. Tool & Supply Co., 184 Brush, Detroit, Mich.
Belden Machine Co., New Haven, Conn.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
International High Speed Steel Co., 99 Nassau, New York
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Logan Machine & Mfg. Co., 222 S Clinton, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans
Stortz Jno. & Son (Hammers, Rippers, Stakes, etc), 210 Vine, Phila., Pa.

15778a— Tools (Special)

See also Dies, also Gauges, also Jigs & Fixtures

Advance Tool Co., Canal & Jackson, Cincinnati, O.
American Tool & Mach. Co., 10 High, Boston, Mass.
Atcheson Tool & Die Co., Columbus, O.
Beard Machine Co. Inc., 350 Walton av, N. Y.
Boston Scale & Die Co., 100 Ruggles, Boston, Mass.
Bowen G. F. Machine Co., Inc., 24 Scott, Newark, N. J.
Braunschweiger Bros., Toledo, O.
Brehmer F. W. Machine & Tool Co., 815 B'way, Cincinnati, O.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Central Machine & Tool Co. The, 1214-1216 Door, Toledo, O.
See adv index at end of book
Cincinnati Engineering Tool Co., Winton pl., Cincinnati, O.
Clark Equipment Co., Buchanan, Mich.
Clyne R. G. Engineering Co., 12th & Tyler, St. Louis, Mo.
Columbus Die Tool & Mach. Co., Cleveland av, Columbus, O.
Crescent Tool Co., Jamestown, N. Y.
Detroit Reamer & Tool Co., 302 E Congress, Detroit, Mich.
Diamond Pointed Tool Co. (Shaped), 141H Fulton, New York.
Eagle Engineering Co., Springfield, O.
Elliott-Cornwall Mfg. Co., 542 Ironston av, Bridgeport, Conn.
Excelsior Tool & Gauge Co., 1535 Temple av, Detroit, Mich.
Geometric Tool Co., New Haven, Conn.
GLEASON WORKS, 1000 University av, Rochester, N. Y.
See adv index at end of book
Glenzer J. C. Co. ("Utility"), 3H 14th, Detroit, Mich.
Harris Engineering Co., 1047H Broad, Bridgeport, Conn.
Hinsman Machine & Tool Co., Westfield, Mass.
Hoggson & Pettis Mfg. Co., 161 Brewery, New Haven, Conn.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
Jackson & Biddle Tool Co., Elkhart, Ind.
Krebs Mfg. Co., 341 E Ohio, Chicago, Ill.
Lindstrom Die, Tool & Gauge Wks., Bridgeport, Conn.
Long Adam A. Machine Works, Rochester, N. Y.
Los Angeles Engineering & Mfg. Co., 1212H E 6th, Los Angeles, Cal.
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
Manhattan Machine & Tool Wks., Grand Rapids, Mich.
Mehl Mach. Tool & Die Co., Roselle, N. J.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Monarch Tool & Mfg. Co., The, 122 Opera pl., Cincinnati, O.
Mueller Mach. Tool Co., 2427 Colerain, Cincinnati, O.
National Steel Products Co., Dayton, O.
Nat'l Tool Co., Cleveland, O.
See adv index at end of book
Nelson Tool Co., Inc., 781 E 142nd, New York
New Britain Tool & Mfg. Co., New Britain, Conn.
New Process Specialty Co., 230 Hanover, Milwaukee, Wisc.
Newman Manufacturing Co., 542 W Jackson, Chicago, Ill.
Newton Mach. Tool Wks., Inc., 23rd & Vine, Phila., Pa.
Nielsen & Wilson Tool Co. (For Metal Stamping), Hartford, Conn.
North Side Tool Co., The, 17-19 Maryland av, Dayton, O.
Otis Machine Wks., Rochester, N. Y.
Reade Tool & Machine Co., 8 Reade, New York
Reliance Steel Tool Co., 24 Murray, New York
Saal H. G. Co., 1800 Montrose av, Chicago, Ill. *See adv index at end of book*
Smith, R. G. Tool & Mfg. Co., 315H Market, Newark, N. J.
Spafford Tool Works, Hartford, Conn.
Springfield Tool Co., 125 Dwight, Springfield, Mass.
Stierin Machine & Die Works, 625 W Jackson blvd., Chicago, Ill.
Trumbull F. S., Bridgeport, Conn.
Vulcan Manfg. Co., 3140 S Canal, Chicago, Ill.
Weimann Bros. Mfg. Co., Derby, Conn.
See adv index at end of book
West & Dodge Co., 37H Parkman, Bright District, Boston, Mass.
Willeman Mfg. Co., Inc., 18 Eddy, Providence, R. I.

THE WEIMANN BROTHERS MFG. CO.
Designers and Manufacturers of
Special Machinery — Tools of All Kinds
DERBY, CONN.

Windan Tool Co., 1565 E 17th, Cleveland, Ohio
Wirth John D., New Haven, Conn.
Wright Traffic Signal Co., 844 W 6th, Cincinnati, O.

15779—Tools (Tanners' & Curriers')

Baker G. W. Machine Co., Wilmington, Del.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Horn Wm. H. & Bros. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15780—Tools (Thread Cutting)

See also Tools, Lathe & Planer

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E 44th, New York. *See adv index at end of book*
Conant & Donelson Co. ("Reliable" Screw Cutting), Conway, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D." Taps, Dies, etc), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Modern Tool Co. (Self-Opening & Solid Adjustable Die Heads), 300 State, Erie, Pa. *See adv index at end of book*
National Tool Co., Cleveland, O. *See adv index at end of book*
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Rogers John M. Works ("McCanna's" Patent), Gloucester City, N. J.
Union Tool Co. ("Hill"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Walworth Mfg. Co., Boston, Mass.
Western Tool & Mfg. Co. (Spring & Solid Holder), Springfield, O.
WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y.

Tools (Tinners')

See Tools, Plumbers' & Tinners'

15780a— *Tools—Tire (Demountable Rim)

See also Tools (Automobile)

Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15781— Tools (Toy)

Kingsbury Mfg. Co. (Small Garden Tools), Keene, N. H.
Mason & Parker Mfg. Co. (Small Garden Tools), Winchendon, Mass.
Wrightsville Hardware Co. (Penny Toys, Tools, etc), Wrightsville, Pa.

Tools (Track)

See Tools, Railroad Track

15781a— *Tools (Turning)

Diamond Pointed Tool Co. (Bortz), 141H Fulton, New York.
WILLIAMS J. H. & CO. ("Vulcan" & "Agrippa" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15782— Tools (Turpentine)

Bradley G. W., Axe & Tool Mfg. Co., 119 Leonard, New York
California Tool Works, 181 Beale, San Francisco, Cal.
Evansville Tool Works, Evansville, Ind.
Warren Axe & Tool Co., Warren, Pa.

15783—Tools (Turret Lathe)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

15784—Tools (Underground Conduit Construction)

Barnard B. S. & Co., 50 Church, New York
Bissell F. Co., Toledo, O.
Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.
Diamond Expansion Bolt Co., 89 West, New York *See adv index at end of book*
Hallett Iron Works, Harvey, Chicago, Ill.
Meckel Fred T., 11 E 13th, Chicago, Ill.
Swett A. L. Iron Works, Medina, N. Y.

15784a— Tools (Upholsterers)

Osborne C. S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

15785—Tools (Valve Removing)

Buffum Tool Co. ("Swastika," "Peterson's"), South Side, Louisiana, Mo.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Goodell-Pratt C., Greenfield, Mass.
New Favorite Mfg. Co., 183 W Maple, Columbus, O.
Republic Auto Parts Co. (For Ford Cars), 81 10th, Long Island City, N. Y.
Syracuse Wrench Co., 352 W Fayette, Syracuse, N. Y.
Universal Equipment & Supply Co. ("Universal"), 107 N Franklin, Syracuse, N. Y. *See adv index at end of book*
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio.
Weeber C. F. Mfg. Co. ("Weeber," for Removing Valves from Gasoline Motors. also for Removing & Placing Tires on Side Ring on Autos), Albany, N. Y.

15786—Tools (Valve Reseating)

Abbott Hardware Co. ("Abbott"), 636 Columbus av, New York
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
G. B. Garage & Mfg. Co. ("G. B."), Hempstead, N. Y.
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Powell Wm. Co. ("Powell"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Rub-On Mfg. Co. ("Crone"), 216 Niagara, Buffalo, N. Y.
Skinner M. B. Co. ("Skinner"), 562 W Washington, Chicago, Ill.
Universal Equipment & Supply Co., 107 N Franklin, Syracuse, N. Y. *See adv index at end of book*

15787— Tools (Watchmakers' & Jewelers')

Bullock Mfg. Associates, Springfield, Mass.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Coats Fred R., Springfield, Ill.
Danzis G., 47 Ann, New York
Derbyshire F. W. (Lathes, Chucks & Attachments), Waltham, Mass.
Dixon Wm., 39 John, New York
Gesswein F. W. Co., 16 John, New York
Gesswein Paul H. & Co. (Jobbers), 35 Maiden la, New York
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Job Frederick, Wilkes-Barre, Pa.
Kendrick-Davis Co., Lebanon, N. H.
Key Andrew Corp., 211 N 7th, St. Louis, Mo.
Koch Alfred S. & Sons, Lancaster, Pa.
Langelier Mfg. Co., Arlington, Providence, R. I.
McWilliams Thos., 237 Eddy, Providence, R. I.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Morgan Edward Machine Co., 35 Vesey Newark, N. J.
Moselev Lathe Co., Elgin, Ill.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Standard Machinery Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Thurston Mfg. Co. ("Thurco"), 140 Benedict, Providence, R. I.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Worthington & Raymond (Imp.) ("Optimus," "W & R"), 71 Murray, New York

Tools (Well Drilling)

See Well Drilling Machinery

15788—Tools (Wire Splicing)

Smith Otis A. (For Splicing Wire Fence, Telephone Wire, etc), Rockfall, Conn.

15789—Tools (Wood Carving)

Porter C. O. Machy Co., 666 Front av, N., Grand Rapids, Michigan.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Cassell Fred, Grand Rapids, Mich.
Mack & Co. ("D. R. Barton," "Addis" Style), Rochester, N. Y.
Millers Falls Co., 28 Warren, New York
Porter C. O. Mach'y Co., Grand Rapids, Mich. *See adv index at end of book*

15790—Tools (Wood Turning)

Buck Bros., Millbury, Mass.
Carroll Jamieson Mach. Tool Co., Batavia, Ohio
Oliver Machinery Co. (For Pattern Work), Grand Rapids, Mich.
Swan Jas. Co. (Parting), Seymour, Conn.

Tools (Woodworkers')

See Specific Article Required

15791— Tools (Yarning)

See also Tools, Calking

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mueller H. Mfg. Co., Decatur, Ill.
Plomb Tool Mfg. Co. (Irons), 2209 Santa Fe av, Los Angeles, Cal.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.

15791a— Tooth Paste

Boroseptic Chemical Co., 1415 11th av, So. Minneapolis, Minn.
Bristol Myers Co ("Impana"), 281 Greene av, Brooklyn, N. Y.
Colgate & Co., 105 Hudson, Jersey City, N. J.
Lehn & Fink, ("Pebeco"), 120 William, New York
McKesson & Robbins ("Calox" Powder), 91 Fulton, New York.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa

15792— Tooth Pick Mfrs.

Berst Mfg. Co., Saginaw, Mich.
BOGERT & HOPPER, INC., 57 Barclay, New York. *See adv index at end of book*
CUTTER-TOWER CO. INC. (Wood & quill), 405H Lexington av, New York.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

Established 1847
E. B. ESTES & SONS
Manufacturers and Importers of
TOOTHPICKS
Clothespins, Meat & Candy Skewers
364 5th Ave. New York City

Forster Mfg. Co., Dixfield, Me.
Gem Toothpick Co., Adrian, Mich.
Hale-Boardman John M., Inc., 120 Liberty, New York
Peirce W. E. & Co., Milford, N. H.
Perfection Mfg. Co., River Rouge, Mich.
Stiles H. A. & Co. (Wooden), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

15792a—*Top Material (Motor Car)

Chase L C. & Co. ("Drednant," "Wexford"), 89 Franklin, Boston, Mass. *See adv index at end of book*

CHASE DREDNAUT Motor Topping

15793—Tops (Automobile & Vehicle)

American Auto Top Mfg. Co., 1451 Washington blvd, Chicago, Ill.
American Top Co., Jackson, Mich.
Amesbury Top Co., Amesbury, Mass.
Anchor Top & Buggy Co., C., H. & D. Ry nr Gest, Cincinnati, O.
Anderson F. W. & Co., 1419 Montrose, Phila., Pa.
Armstrong-Johnston Mfg. Co. (Auto Truck Tops), Columbus, O.
Aronoff Jos J., Trenton, N. J.
Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.
Automobile Equipment Co., Detroit, Mich.
Baltimore Buggy Top Co., 113 W Mount Royal av, Baltimore, Md.
Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.
Bayless Vehicle Top & Trimming Co., Kansas City, Mo.
Bohnet Jno. & Co., Lansing, Mich.
Boston Auto Top Co., 100 Massachusetts av, Boston, Mass.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Buob & Scheu 216 Webster, Cincinnati, O.
California Auto Top Co., 1019 Van Ness, San Francisco, Cal.
Chanslor & Lyon Co., Los Angeles, Cal.
Christie Alex. & Co., Seattle, Wash.
Cincinnati Auto Specialty Co., 420 Elm, Cleveland, Ohio
Cleveland Auto Top & Trimming Co., 2084 E 22d, Cleveland, O.
Copp Geo. W., Inc., 355 W 52nd, New York
Cretors J. B., St. Paris, O.
Detroit Carriage Goods Co., 288 E Jefferson, Detroit, Mich.
Detroit Weatherproof Body Co., Pontiac, Mich.
Dunham D. B. & Son, Newark, N. J.
Everitt Bros., 669 Mack av, Detroit, Mich.
Faeth Iron Co. (Vehicle Only), 1125 N 8th, Kansas City, Mo.
Fisher Auto Top Co., Norwalk, O.
Gates Mfg. Co., Indianapolis, Ind.
Goshen Buggy Top Co., Goshen, Ind.

TOPS (AUTOMOBILE & VEHICLE) cont.
Haskelite Mfg. Corp., 129 B'way, New York
Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.
Holcker-Elberg Mfg. Co., Kansas City, Mo.
Hughes & Curran Co., Inc., Rochester, N. Y.
Indianapolis Dash Co., 2116 S Meridian, Indianapolis, Ind.
Johnson & Johnson, 422 E Saratoga, Baltimore, Md.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
Kroh C. Z. Mfg. Co., Toledo, O.
Lincoln Auto Top Co., Lincoln, Neb.
London Auto Supply Co., 2540 S Wabash av, Chicago, Ill.
Luth Carriage Co.; 1275 Budd, Cincinnati O.
McClellan Chas. P., Fall River, Mass.
McKinney Jas. & Son (Steel), Albany, N.Y.
Martin Auto Specialty Co. ("Martin"), Lancaster, Ohio
Meyer C. G. & Son, Tiffin, O.
Michigan Steel Boat Co., Kercheval & Connors, Detroit, Mich.
Mobile Top Co., 16 Seldon, Detroit, Mich.
One Hand Auto Top Co., 74 E Jewett av, Buffalo, N. Y.
Racine Auto Top Co., Racine, Wis.
Racine Generals Mfg. Co. (Jobbers), Racine, Wis.
Reardon J. J., Amesbury, Mass.
Rebecka & Smith, Cleveland, O.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Roth Cadillac Co., Erie, Pa.
Shugers Mfg. Co., Los Angeles, Cal.
Sioux City Auto Top Co., Sioux City, Ia.
Smith H. Lund, Paterson, N. J.
Springfield Auto Top & Upholstering Co., Springfield, Mass.
Springfield Body Co., Springfield, Mass.
Standard Top & Equipment Co., 1849 E 65th, Cleveland, O.
Sterling Top & Equipment Co., 518 W 57th, New York
Teel Eldridge & Co., Medford, Mass.
Troy Carriage Sun Shade Co., Troy, O.
Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
Wadsworth Mfg. Co., Kercheval & Connors Creek
Wadman C. G., Bakersfield, Cal.
Warner Pole Top Co., 1648-50 Central av, Cincinnati, O.
Weiss Charles & Son, 4715 Cottage Grove av, Chicago, Ill.
West's L. M. Sons, Rockford, Ill.
Wisconsin Auto Top Co., Racine, Wis.

15793a— *Tops (Bird Cage)

Bogert & Hopper Inc. (Wood), 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15794—Tops (Blast Furnace)

Brighton Fire Brick Co., New Brighton, Pa.
Weimer Machine Works Co., Lebanon, Pa.

15795— Tops (Cistern)

Treaty Co., Greenville, O.
Wagner Mfg. Co., Cedar Falls, Ia.

15795a— Tops (Cork)

BOGERT & HOPPER INC. (Ink, Shoe Dressing, etc), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Redlich Mfg. Co. (also Wooden), 637-647 W Oak, Chicago, Ill.

15796— Tops (Furniture)

Alberene Stone Co. (Tops for Laboratory Tables), 223 E 23d, New York
Bartlestone Bros. (Glass), 1170 Broadway, New York
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Donnelly-Kelley Glass Co., Holland, Mich.
Enamel Products Co. (Enameled Table Tops), Eddy rd & Taft av, Cleveland, Ohio
Epstein Samuel (Inc), (Glass), 109 8th av, New York
Fair Haven Marble & Marbleized Slate Co. (Marble), Fair Haven, Vt.
Feinberg & Feinberg (Glass), 433 W 42d, New York
Ingram-Richardson Mfg. Co. (Porcelain Enameled For Kitchen Cabinets & Table, "Porcelion"), Beaver Falls, Pa. *See adv index at end of book*
Klaber A. & Sons (Glass), Long Island City, N. Y.
Lafayette Mirror Co. (Glass), 173 Grand, New York
Naughton Marble Co. (Laboratory Table Tops), 64 W Grand, Chicago, Ill.
Nelson N. O. Marble Co., Edwardsville, Ill.
Pa. Structural Slate Co. (Table), Drake bldg, Easton, Pa.
Plastone Co. (Table), Los Angeles, Cal.
Porcelain Enamel & Mfg. Co. ("Pemco" Porcelain Enamel Table), 8th & O'Donnell, Baltimore, Md.
Rawle M. Co., Inc. (Glass), 796 7th av, New York
Townsend Wm. C. & Co. (Marble), Zanesville, O.
Viterous Enameling Co. (Enameled Table Tops), Grant av, Cleveland, O. *See adv index at end of book*

15797—Tops (Hot Air Furnace)

Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.

15798—Tops (Molasses Jug)

Ohio Lantern Co. (Tin & Nickel Plated), Tiffin, O.

15799— Tops (Pilot House)

Porter Co., 241 Water, New York

15800— Tops (Pole)

(For Arc Lamps & Electric Railway Poles)
Cutter Geo. Co. (Arc Lamp), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, Ohio
Fletcher Mfg. Co., Dayton, O.
Line Material Co. (Arc Lamp), S Milwaukee, Wis.

15801— Tops (Spinning)

BOGERT & HOPPER INC. (Wooden), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stevenson Mfg. Co. (Boys, etc), South Bend, Ind. *See adv index at end of book*
Townsend Co. (Points), New Brighton, Pa.

15801a— Tops (Table)

Alberne Stone, 223 E 23d, New York
INGRAM-RICHARDSON MFG. CO. (And Kitchen Cabinet Porcelion), Beaver Falls, Pa. *See adv index at end of book*
Pennsylvania Structural Slate Co., Easton, Pa.
Porcelain Enamel & Mfg. Co. ("Pemco"), 8th & O'Donnell, Baltimore, Md.
VITROLITE CO., Chamber of Commerce bldg, Chicago, Ill. *See adv index at end of book*

15802— Tops (Tin, Screw)

Deverall Perfection Mfg. Co., Caton av, Brooklyn, N. Y.
Fidelity Can Co., 600 S Caroline, Baltimore, Md.
Ohio Lantern Co. (Sugar Shaker, Salt & Pepper, etc, Nickel Plated), Tiffin, O.
Wheeling Stamping Co. (Also Aluminum Brass, etc), Wheeling, W. Va.

15803— Torches (Alcohol)

See also Furnaces, Gasoline Blast
Ashton Mfg. Co. ("Red Hot"), 184 Emmet, Newark, O
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg. Co., 10565 Knodell av, Detroit, Mich.
Detroit Torch & Mfg Co., 15057 Cardoni av, Detroit, Mich.
Diener G. W. Mfg. Co., 400 Monticello av, Chicago, Ill.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Hess & Son, 2910 N 16th, Phila., Pa.
Knapp Mfg. & Supply Co. (Self-Acting), 241 Water, New York
Roberts H. C. Electric Supply Co., 11th & Race, Phila., Pa.
Turner Brass Works, Sycamore, Ill.

15804— Torches (Brazing)

See also Blow Pipes & Brazing Apparatus
Anthony Co., 138 West av, Long Island City, N. Y.
BASTIAN-BLESSING CO. 125 Austin av, Chicago, Ill. *See adv index at end of book*
Clayton & Lambert Mfg. Co., 1370-80 Beaubien, Detroit, Mich.
Detroit Torch & Mfg Co., 15057 Cardoni av, Detroit, Mich.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

15805—Torches (Campaign)

Smith of N. Y. Co., 1 Franklin sq., New York

15806—Torches (Car Inspectors')

GEM MFG. CO. ("Gem"), Goebel nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

15807— Torches (Cast Iron)

Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, O.

15807a—Torches (Cupola Lighting)

Anthony Co., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
MACLEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

15808— Torches (Electric)

Bogart A. L. Co., 55 Barclay, New York

15809—*Torches (Engineers')

See also Torches, Hand
Garrett W. D. & Co., 126 Liberty, New York
GEM MFG. CO. ("Gem" Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa. *See adv index at end of book*



15810—Torches (Factory & Mine)

American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Stove Co. ("Reliable" Oil & Vapor), 827 Chouteau, St. Louis, Mo. Cleveland, O.,
GEM MFG. CO. ("Gem," "Pyramid" Heavy Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa. *See adv index at end of book*



Hauck Mfg. Co., 101 11th, Brooklyn, N. Y. *See adv index at end of book*
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Turner Brass Works, Sycamore, Ill.
Wall P. Mfg. Supply Co. (Brazed Steel), 705 Preble av N S, Pittsburgh, Pa.

15810a—Torches (Gas Blow)

Improved Appliance Co., 413 Kent av, B'klyn, N. Y.
MacLeod Co., 2227 Bogen Cincinnati, O. *See adv index at end of book*
North American Mfg. Co., 5904 Carnegie av, Cleveland, O.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

15810b—Torches (Gas, Electric, Blow)

Anthony Co., 138 West av, Long Island City, N. Y.
North American Mfg Co. ("Flameblast"), 5904 Carnegie av, Cleveland, O.

15811—Torches (Gas Lighting)

Houchin Thos W. Co., 36 E 12th, New York

15812—Torches (Gasoline Blow)

See also Furnaces, Gasoline Blast
Advance Tool Mfg. Co., Grand Central Terminal, New York
Allen L. B., Inc., 4519 N Lincoln, Chicago, Ill.
American Stove Co. ("Reliable," "Dangler," "Quick Meal," "Jewell"), 827 Chouteau av, St. Louis, Mo
Ashton Mfg. Co. ("Red Hot"), 184 Emmet, Newark, N. J.
Baker J. R. & Sons Co., Kendallville, Ind.
Bernz Otto ("Always Reliable," "Vulcan" & "Galloway"), 17-37 Ashland, Newark, N. J.
Best Light Co., 477 2d N E, Canton, O.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Carleton Co. (Imp. Gasoline Torch), 170 Summer, Boston, Mass.
Clayton & Lambert Mfg Co. (Laboratory & Wall), 10565 Knodell av, Detroit, Mich.
Decker Mfg. Co ("Phoenix"), 251 Elm, Newark, N. J.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Diener Geo. W. Mfg. Co. ("Torrid", Kerosene and Gasolene), 400 Monticello av, Chicago, Ill.
Emmelman Bros. Mfg. Co. (Gasoline Soldering Iron & Blow Torch), Indianapolis, Ind.
Garrison Brass & Mach. Works (Kerosene & Gasoline Torches & Furnaces), 107 W 13th, New York
Geforer C. & Son, 1017 Ridge, Phila., Pa.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Hine-Watt Mfg. Co. ("Marion"), 180 N Market, Chicago, Ill
Knapp Mfg. & Supply Co., 241 Water, New York
McGILL MFG. CO. ("McGill's Baby Pumpless"), 77 Oak, Valparaiso, Ind. *See adv index at end of book*
MacLeod Co. ("Buckeye"), 2227 Bogen, Cincinnati, O. *See adv index at end of book*

Peabody Henry W. & Co. ("American"), 17 State, New York
Quadriga Mfg. & Specialty Co. ("Waiters"), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Ridgely Trimmer Co., Springfield, O.
Smith of N. Y. Co. (Plumbers'), 1 Franklin, New York
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works ("Hot Blast," "Bull Dog," "Franklin," "Kinzie," "Jewell," "Mogul," "Old Reliable," "Champion," "Double Jet"), Sycamore, Ill.
Volcano Torch & Mfg. Co., Erie, Pa.
Wall P. Mfg. Supply Co. (Dreadnaught Gasoline Torch), 705 Preble av, Pittsburgh, Pa.
Wolff Mfg. Co. L., 601 W Lake, Chicago, Ill.

15813— Torches (Hand)

Anthony Co., 138 West av, Long Island City, N. Y.
Ashton Mfg. Co., 184 Emmett, Newark, N. J.
Dayton Malleable Iron Co. (Made Entirely of Malleable Iron), Dayton, O.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Deverall Perfection Mfg. Co., Caton av, Brooklyn, N. Y.
Dressel Railway Lamp Works (Engineers' Track, Wipers', Boilermakers', Car Inspectors, etc), 3860 Park av, New York
Eagle Mfg. Co. (Locomotive, etc), Wellsburg, W. Va.
GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Gray Peter & Sons, 286 Third East, Cambridge, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Johnson Mfg. Co. (Locomotive, etc), Urbana, O.
Knapp Mfg. & Supply Co. (Locomotive, etc), 241 Water, New York
Liberty Tool Corp. (Thawing), 1321H Munsey bldg, Baltimore, Md.
Mahr Mfg. Co., 1300 N E Quincy, Minneapolis, Minn.
Noera Mfg. Co. (Inspectors' & Locomotive), Waterbury, Conn.
Wall P. Mfg. Supply Co. (Brazed Steel, Pyramid Chain, Top Burner & Factory), 705 Preble av, Pittsburgh, Pa.
Walters Mfg. Co. ("M. & I." Sheet & Brazed Steel), Fulton bldg, Pittsburgh, Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

15814—Torches (Kerosene Blow)

Advance Tool Mfg. Co., Grand Central Terminal, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Ashton Mfg. Co., 184 Emmet, Newark, N. J.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg Co., 10565 Knodell av, Detroit, Mich.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Hauck Mfg. Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Liberty Tool Corp., 1321H Munsey bldg, Baltimore, Md.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
North American Mfg. Co., 5904 Carnegie av, Cleveland, O.
Otto William G. Metal Goods Corp. ("Rhotal"), 401 St. Paul av, Jersey City, N. J.
St. Paul Welding Mfg. Co., 173 W 3rd, St. Paul, Minn.
Turner Brass Works ("Hot Blast"), Sycamore, Ill.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Weldcraft Equipment Co., 2501 Penn av, Pittsburgh, Pa.

15814a— Torches (Lead Burner)

Bastian Blessing Co., 125 Austin av, Chicago, Ill. *See adv index at end of book*
Fidelity Brass Mfg. Co., 1001 W Washington blvd, Chicago, Ill.
Hauck Mfg Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

15815— *Torches (Locomotive)

See also Torches, Hand

GEM MFG. CO. ("Gem" Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

TORCHES (LOCOMOTIVE) "GEM"
GEM GUARANTEE GOOD
Heavy Welded Steel.
GEM MFG. CO., Pittsburgh, Pa.

Hauck Mfg Co., 136 10th, Brooklyn, N. Y. *See adv index at end of book*

15816—Torches (Malleable Iron)

Art Lamp Mfg Co. (Wrought), 521 S Wabash, Chicago, Ill.
Dayton Malleable Iron Co., Dayton, O.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.

15816a—Torches (Oil)

ANTHONY CO., 138 West av, Long Island City, N. Y.
Hauck Mfg. Co. (Crude), 136 10th, Brooklyn, N. Y. *See adv index at end of book*
Weldcraft Equipment Co., 2501 Penn av, Pitsburgh, Pa.

15816b—Torches (Oil, Electric, Blow)

Naab Manufacturing Co., 5904 Carnegie av, Cleveland, O.
North American Mfg. Co., 5904 Carnegie av, Cleveland, O.

Torches (Shop)

See Torches, Hand

15817— Torches (Wall)

Ashton Mfg. Co. ("Red Hot" Gasoline), 184 Emmet, Newark, N. J.
Clayton & Lambert Mfg. Co. (Or Banjo, Gasoline, Illuminating), 1370-80 Beaubeen av, E. Detroit, Mich.
Detroit Foundry Co. ("Sun"), 1 E. Gd. Bvd. & Propelli.
Detroit Torch & Mfg. Co., 15057 Cardoni av, Detroit, Mich.

15818— Torpedoes

Am. Glycerin Co. (Oil & Gas Well), Dept. H, Wilmington, Del.
Backes M. Sons, Wallingford, Conn.
Clarendon Torpedo Co., Titusville, Pa.
Hall's Ellis Sons Co., Oil City, Pa.
Hunt Edmund S. & Sons Co., Weymouth, Mass.
Kohler Die & Specialty Co., De Kalb, Ill.
Marietta Torpedo Co. (Nitro-Glycerine, for Shooting Oil, Gas & Water Wells), Marietta, O.
Ohio Torpedo Co. (Nitro-Glycerine, For Shooting Oil Wells, etc), Steubensville, O.
Producers Torpedo Co., Marietta, O.
Southern Torpedo Co., Parkersburg, W. Va.

15819— Torpedoes (Aerial)

Maxim Munitions Corp., Equitable bldg, **New York**

15820— Torpedoes (Toy)

Backes M. Sons, Wallingford, Conn.
Hunt Edmund S. & Sons Co., Weymouth, Mass.
Kohler Die & Specialty Co., De Kalb, Ill.

15821—Torpedoes & Fuses (Railway Signal)

Central Railway Signal Co., Diamond Bank bldg, Pittsburgh, Pa.
Jackson's Sam'l Sons, 1129 S 15th, Phila., Pa.
Sherburne & Co., 53 Oliver, Boston, Mass.
Townsend Co. (Points), New Brighton, Pa.

15821a— Tourills (Acid Proof)

General Ceramics Co., 50 Church, New York.
Knight Maurice A., Akron, O.

15821b— Tourmalines

DIAMOND DRILL CARBON CO., 59 Park Row, New York

15822— Tow

Amerlin Co. (Flax) Yale, Mich.
Blehdon V. R. (Upholstery, Cordage & Twine), Brisbane bldg, Buffalo, N. Y.
Boston Excelsior Co., 562 W. 29th, New York
Fairwater Hemp Co., Fairwater, Wis.
Gay David S. (Rough & Dressed), Winchester, Ky.
Keogh John W. & Co., 133 W. Washington, Chicago, Ill.
Minnesota Fibre Co. (Flax), Heron Lake, Minn.
Northern Insulating Co. ("Quality Tow for Upholstery), St. Paul, Minn.
Philadelphia Excelsior Co., 716 N 3d, Phila., Pa.
Robinson & Jans (Flax), Winthrop, Minn.
Spears E. F. & Sons (Rough, Dressed & Carded), Paris, Ky.
Whitney H. W. (Excelsior), 305 S La Salle, Chicago, Ill.

15822a—Tow Lines (Automobile)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.
Reliance Co. (Steel), 415 S Sangamon, Chicago, Ill.
Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass. *See adv index at end of book*

15823— Towel Bars & Shelves (Plate Glass)

Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Bustes J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Graham & Berwin, 107 Lafayette, New York

15824— Towels (Cotton)

Am. Mills Co., 172H Marietta, Atlanta, Ga.
Avon Mills Co., Lewiston, Me.
California Cotton Mills Co., Oakland, Cal.
Cannon Mfg. Co., Concord, N. C.
Cash J. & J. (Ltd.) (Bath), So. Norwalk, Conn.
Cedar Grove Mfg. Co. (Sponge Cloth), 65th av & 21st, Phila., Pa.
Chautauqua Towel Mills, Jamestown, N. Y.
Cochran Cotton Mills Co. (Also Toweling), Cochran, Ga.
Franklin Mills Corp. (Plain & Hemstitched), Unionville, Mass.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Globe Mfg. Co. (Toweling), Gaffney, S. C.
Gordon Supply Co., 537 Albany, Boston, Mass.
Greenalgh Brothers (Roller Toweling), 2218 Martha, Phila., Pa.
Irene Mills (Jacquard), Gaffney, S. C.
Kincaid Mfg. Co., Griffin, Ga.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Crash), Baraboo, Wis.
Muscogee Mfg. Co., Columbus, Ga.
Pepperton Cotton Mills (Also Towelling), Jackson, Ga.
Piedmont Cotton Mills Co., Egan, Ga.
Roanoke Mills Co., Roanoke Rapids, N. C.
Spencer Mountain Mills (Bleached Damask), Lowell, N. C.
Stark Mills (Toweling), Manchester, N. H.
Ufford Frank M. (Bath Towels & Toweling), Norwich, Conn.
Union Cotton Mills, Lafayette, Ga.
Woodstock Cotton Mills, Anniston, Ala.

15825— Towels (Crash)

Dundee Mills (Linen), Hookset, N. H.
Franklin Mills Corp., Unionville, Mass.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Globe Mfg. Co. (Toweling), Gaffney, S. C.
Kincaid Mfg. Co., Griffin, Ga.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Cotton & Linen), Baraboo, Wis.
Meredith Linen Mills (Linen Crash Toweling), 79 N Milk, Boston, Mass.
Millbrook Linen Works, Inc. (Linen Crash Toweling), Millbury, Mass.

15826— Towels (Huck)

Chautauqua Towel Mills (Cotton), Jamestown, N. Y.
Lowell Textile Co. (Union), No. Chelmsford, Mass.
Niagara Textile Co. (Also Toweling), Lockport, N. Y.

15827— Towels (Knitted)

San-Knit-ary Textile Mills, 10th & Diamond, Philadelphia, Pa.

15828— Towels (Linen)

Avon Mills Co., Lewiston, Me.
Cannon Mfg. Co., Concord, N. C.
Dundee Mills, Hookset, N. H.
Franklin Mills Corp. (Plain Hem & Hemstitched), Unionville, Mass.
Granite Linen Co., Wortendyke, N. J.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Crash), Baraboo, Wis.
Meredith Linen Mills (Linen Crash Toweling), 79 Milk, Boston, Mass.
Millbrook Linen Works, Inc. (Crash Toweling), Millbury, Mass.
Stevens Linen Works (Linen Crash Toweling), Webster, Mass.

15828a— *Towels (Machinery)

OIL & WASTE SAVING MACHINE CO. Real Estate Trust Bldg, Philadelphia, Pa. *See adv index at end of book*

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.
Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

15829— Towels (Paper)

A. P. W. Paper Co., Albany, N. Y.
Baum Bros. Co., Denver, Col.
Burnitol Mfg. Co., Orient av, Boston, Mass.
Clifton Chemical Co., 317 Greenwich, New York
Continental Paper Bag Co., 17 Battery pl, New York
Cremoline Disinfecting Co., 121 S Main, St. Louis, Mo.
Erving Paper Mills, Erving, Mass.

Paper Towels and Drinking Cups

We specialize on the requirements of manufacturers for Sanitary Paper Specialties, Paper Drinking Cups, Paper Towels and Toilet Paper.

GET OUR SAMPLES AND QUOTATIONS

The Union Paper & Twine Co., 128 St. Clair Ave., N. W., Cleveland

TOWELS (PAPER)—continued

Ewing H. Norwood Co, Woolworth bldg., New York.
Hollingsworth & Vose Co. ("Norfolk"), 141 Milk, Boston, Mass.
Hults Elsworth H. Inc, 218 Walnut, Phil., Pa.
National Paper Products Co., San Francisco, Cal.
Northern Paper Mills, Green Bay, Wis.
Paper Goods Mfg. Co., 925 Penn. av, Pittsburgh, Pa.
Paper Service Co., Hinsdale, N. H.
Peerless Mfg. Co., Norristown, Pa.
Premier Paper Co., 260 B'way, New York
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Sanquoit Tailet Paper Co., Hartford, Conn.
Scott Paper Co. ("Scottissue"), Chester, Pa.
Stone & Forsyth Co., 67 Kingston, Baston, Mass.
Tuttle Press Co. ("Dr. Whedon's" Sanitary), Appleton, Wis.
UNION PAPER & TWINE CO. ("Driquick"), 126 St. Clair av, N. W., Cleveland, O. & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United States Paper Mills, Chambersburg, Pa.
Vestal Liquid Soap & Disinfectant Co. (Public Service) 1121 Pine, St. Louis, Mo.
Wayne Paper Goods Co. ("Sani-Paper"), Ft. Wayne, Ind.
West Disinfecting Co. (Westowl), 411 5th av, New York
Wortendyke Mfg. Co., ft 13th, Richmond, Va. *See adv index at end of book*

15830— Towels (Turkish)

Blair Mills, Belton, S. C.
Chatauqua Towel Mills, Jamestown, N. Y.
Colonial Towel Mfg. Co., Clifton Heights, Pa.
Falconer Towel Mills, Falconer, N. Y.
Foster Louis H., D & Tioga, Philadelphia, Pa.
Great Barrington Mfg. Co., Great Barrington, Mass.
Greenhalgh Brothers, 2218 Martha, Phila., Pa.
Holt Mfg. Co., Paterson, N. J.
Jamieson's D. Sons, Trenton & Sargent, Phila., Pa.
Kershaw John W. Co., 1734 N. 5th, Phila., Pa.
Kershaw Nelson, Clifton Heights, Pa.
Lafayette Mills Co., Howard & Lehigh av, Phila., Pa.
McArthur Geo. & Son, Baraboo, Wis.
Margerison W. H. & A. E. & Co., Jasper & Huntington, Philadelphia, Pa.
Neuberger Fred'k & Co., Paterson, N. J.
Rajah Mfg. Co., Jasper & Huntington, Phila., Pa.
Standard Towel Co., Newton, N. J.
Star & Crescent Co., Lehigh av & Hancock, Phila., Pa.
Ward-Meehan Co., Lehigh av & Howard, Phila., Pa.
Welch A. P. Co., Glen Riddle, Pa.
Woodstock Cotton Mills (Bath), Anniston, Ala.

15831— Towels (Union)

Chautauqua Towel Mills, Jamestown, N. Y.
Franklin Mills Corp., Unionville, Mass.
Lowell Textile Co., N Chelmsford, Mass.

15831a— Towers (Acid)

Wiederhold Const. Co., H Bank of Commerce bldg, St. Louis, Mo.

15831b— Towers (Acid)

ACME TANK CO., 43 Cortlandt, New York
See adv index at end of book
Acid Proof Iron Products Co. Inc, 49 Herman, Newark, N. J.
Chemical Constr. Co, Charlotte, N. C.
Duriron Castings Co, Dayton, O.
General Ceramics Co., 50 Church, New York
Kalbperry Corp, 31 Union sq, New York
Knight Maurice A., Akron, O.
Stearns A. T., Lumber Co, 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Thermal Syndicate Ltd, 50 E. 41st, New York
Walsh & Weidner Boiler Co, Chattanooga, Tenn.
Weber Chimney Co, 1454 McCormick bldg, Chicago, Ill.

Towers (Bell & Observation)

See Tanks & Towers, Steel

15832—Towers (Cement Cooling)

Hart B Franklin, Jr. & Co, 50 Church, New York
United Iron Works Inc., Kansas City, Mo.

15832a— Towers (Chemical)

See also Towers (Acid)

Thermal Syndicate Ltd (Fused Silica) 59 E 41st, New York

15833— Towers (Combined Forced & Natural Draft Cooling)

Cooling Tower Co. Inc. (Atmospheric), 15 John, New York
Wheeler Condenser & Engineering Co., Carteret, N. J.
See adv index at end of book

Wheeler Cooling Towers



Combine maximum adaptability, efficiency, flexibility and reliability. Built on standardized unit principle of any capacity; in natural draft or mechanical draft, or any combination thereof.

Wheeler Condenser & Engineering Co.
West Carteret, New Jersey 138-2

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

15833a—Towers (Denitrating)

Chemical Constr Co, Charlotte, N. C.
Kalbperry Corp, 31 Union sq, New York
Thermal Syndicate Ltd (Fused Silica) 59 E. 41st, New York

15833b—*Towers (Forced Draft Cooling)

Cooling Tower Co., Inc., 15 John, New York
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

15834—Towers (Hoisting, for Coal & Ore)

See also Coal & Ore Handling Machinery

Calumet Iron Wks., 3 Hyatt av, Newark, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Robins Conveying Belt Co., 15 Ann, New York.
Scranton Iron & Steel Co., Scranton, Pa.

15835—Towers (Hoisting, for Concrete)

Archer Iron Works, 2436 W 24th pl, Chicago, Ill.
Davis Norris K. ("20th Century"), 400 7th, San Francisco, Cal.
Hayward Co. (Incline, Steeple), 50 Church, New York. *See adv index at end of book*
Ransome Concrete Machinery (Steel), Dunellen, N. J.
Scranton Iron & Steel Co., Scranton, Pa.

15836— Towers (Steel)

See also Tanks & Towers, Steel

ACME TANK CO., 43 Cortlandt, New York
See adv index at end of book
Calumet Iron Wks., 3 Hyatt av, Newark, N. J.
Pennsylvania Boiler Wks., Export Dept., 43 Cedar, New York
Schlichter E. F. Co., 10 S 18th, Phila., Pa.
SCHOFIELD'S, J. S. Son CO., Macon, Ga.
Scranton Iron & Steel Co., Scranton, Pa.
Stolz Jos. & Son Inc., 841 E 136th, New York
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.
Walsh & Weidner Boiler Co., Chattanooga, Tenn

15836a— Towers (Sulphur)

ACME TANK CO., 43 Cortlandt, New York
See adv index at end of book
Stearns A. T. Lumber Co. 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
U. S. Wind Engine & Pump Co., Batavia, Ill.
Weber Chimney Co., 1458 McCormick bldg., Chicago, Ill.
Wiederholdt Constr. Co., H Bank of Commerce bldg, St. Louis, Mo.

Towers (Transmission)

See Transmission Towers & Structures, Electric

15837—Towers (Water Cooling)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Bouchard Jno. & Sons Co., Nashville, Tenn.
Burhorn Edwin Co. ("Burhorn"), 71 Wall, New York
Cooling Tower Co., 15 John, New York
Hart B. F. Jr. & Co., 50 Church, New York
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Mitchell-Tappen Co., 15 John, New York
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Parker Machine & Fan Works, Kansas City, Kansas
Ruemmell-Dawley Mfg. Co. ("Gradirs"), 3900 Chouteau av, St. Louis, Mo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
United Iron Works Inc. (For Ice Plants), Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wheeler C. H. Mfg. Co. ("Wheeler-Pratt"), Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Natural Draft, & Mechanical Draft), W. Carteret, N. J.
See adv index at end of book
Worthington Pump & Machy. Corp. (Ground Type), 115 B'way, New York
See adv index at end of book

Towers (Windmill)

See Tank & Towers, Steel

Towers (Wireless)

See Transmission Towers & Structures, Electric

Toy Banks

See Banks, Saving

15838—Toy Metal Building Materials

Gilbert A. C. Co. ("Erector"), New Haven, Conn.
Meccano Co., 46 W 24th, New York
Structo Mfg. Co. ("Structo" for Toys, Models, etc), Freeport, Ill.
Watrous Mfg. Co., ("Modelit") East Hampton, Conn.

15839— Toys (Electric)

See also Motors, Battery

Am. Made Stuffed Toy Co., 123 Bleecker, New York
Bunnell J. H. & Co., 32 Park pl, New York
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Dongan Elec. Mfg. Co. (Transformers), 2987 Franklin, Detroit, Mich.
Dongan Electric Mfg. Co., 741 Franklin, Detroit, Mich.
Elektra Toy & Novelty Co., 400 Lafayette, New York
Gilbert A. C. Co. ("Gilbert"), New Haven, Conn.
Harvey W. A., Scranton, Pa.
H-K. Toy & Novelty Co., Indianapolis, Ind.
Hughes D. C. & Co., 4642 Ravenswood av, Chicago, Ill.
Interstate El. Novelty Co., 104 S 4th, Brooklyn, N. Y.
Ives Mfg. Corp., Bridgeport, Conn.
Jefferson Elec. Mfg. Co., 430 S. Green, Chicago, Ill.
Kendrick-Davis Co., Lebanon, N. H.
Knapp Electric & Novelty Co. ("Electric Questioner"), 511 W 51st, New York
Lionel Mfg. Co., 48 E 21st, New York
McCandless H. W. & Co., 406 W 31st, New York
Meccano Co., 46 W 24th, New York
Mirroscope Co., 168 & Waterloo rd, Cleveland, Ohio
National French Fancy Novelty Co., 276 Hindsdale, Brooklyn, N. Y.

New Toy Co., 143 Bleecker, Newark, N. J.
Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, O.
Rhode Island Telephone & Electric Co. ("Baby Dynamo"), 55 Pine, Providence, R. I.
Rittenhouse A. E. Co., Honeoye Falls, N. Y.
Rosen A. W. & Co., 610 B'way, New York
Russell Electric Co. ("Hold-Heet" Ovens), 140 W Austin av, Chicago, Ill.
Smith Novotoy Electric Inc. ("Novotoy"), Charlotte, N. C.
Structo Mfg. Co., Freeport, Ill.
Swedish Am. Telephone Co., 5235 Ravenswood av, Chicago, Ill.
Thompson A. T. & Co., 15 Tremont pl, Boston, Mass.
Thordarson Elec. Mfg. Co., 518 S Jefferson, Chicago, Ill.
Triangle Electro Trading Co., 79 Chambers, New York
Universal Novelty Wks. (Magic Lanterns), 164 5th av, New York
Viking Elec. Co., 154 Chambers, New York
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Weeden Mfg. Co., New Bedford, Mass.
White H. C Co., No. Bennington, Vt.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Wood C. D. Elec. Co. ("Monocoil Motor"), 441 B'way, New York
Yankee Mfg. Co., Cleveland, Ohio

15840—Toys, Games & Novelties

Acme Engineering & Mfg. Co., 355 Union Park ct, Chicago, Ill.
Alexander-Kramer Co. (Educational Toys), Dayton, O.
Allaire Woodworkers Corp., Farmingdale, N. J.
Ames-Van Aken Mfg. Co. Inc., Syracuse, N. Y.
Am. Bisque Doll Co., 181 Chestnut, Newark, N. J.
American Character Doll Co. Inc., 67 Spring, New York
Amer Doll Mfg. Co., 61 Wooster, New York
American Flyer Mfg. Co. ("Motorcycle Mike" & "Slippery Slim"), 2219 S Halsted, Chicago, Ill.
American Made Stuffed Toy Co., 123 Bleecker, New York
American Mfg. Concern (Blocks, Tool Chests & Benches), Falconer, N. Y.
American Mechanical Toy Co., Dayton, O.
American Ocarina & Toy Co. Inc. (Dolls), 69 Bruen, New York
American Pedometer Co., New Haven, Conn.
American Soldier Co., Myrtle & De Boo pl, Glendale, N. Y.
American Stamping Co. (Decorated Sheet Metal, Toys, Tin Sand Pails, Tea & Coffee Sets), Elizabeth, N. J.
American Toy Works (Paper), 7 Chatham sq, New York
American Thermophone Co. ("Kidphone" Telephone), 116 Bedford, Boston, Mass.
Appleton Toy & Furniture Co. ("Appleton" Children's Chairs, Shoofly & Guard Sleighs), Appleton, Wis.
Arcade Mfg. Co., Freeport, Ill.
Archery Co., Glens Falls, N. Y.
Arden Mfg. Co., Guttenberg, N. J.
Atkins & Co., 435 Market, Phila., Pa.
Ayron Toy & Novelty Corp. (Dolls) (Jobbers), 494 B'way, New York
Baumgarten & Co., (Printing Sets), 213 E. Fayette, Baltimore, Md.
Beistle Co. (Cardboard Novelties), Dept. H, Shippensburg, Pa.
Benner Mfg. Co., Lancaster, Pa.
Bennett Mfg. Co., Plymouth, Mich.
Bennett Mfg. Co. (Wooden), Portland, Me.
Bens S. J. Mfg. Corp., Herkimer, N. Y.
Berk Bros., 543 B'way, New York
Besser Edwin E. Co. Inc. (Mfrs. Agents, etc), 41 Union sq W, New York
Bevin Bros. Mfg. Co., Easthampton, Conn.
Bing Bros., 381 4th av, New York
Bleazby Bros., 337 Woodward av, Detroit, Mich.
Bloch Go-Cart Co., 1136 North American bldg, Phila., Pa.
Bogert & Hopper Inc. (Checkers, Pencil Cases, Wooden), 57 Barclay, New York
See adv index at end of book
Borgfeldt Geo. & Co., 16th & Irving pl, New York
Bowman Geo. H. Co. ("Jumbo Wheel"), 224 Euclid av, Cleveland, O.
Bradley Milton Co., Springfield, Mass.
Bradway Novelty Co. (Soap Bubblers), 1 W B'way, New York
Bregwoodkro Stamping & Mfg. Co. ("Echo," Telephone), Lorain, O.
Buffalo Toy Co., 10 Elk, Buffalo, N. Y.
Burr-Vack Co. (Base Ball Games), 511 S Wabash av, Chicago, Ill.
Butler Doll Stand Co. (Doll Stands), Oak Park, Ill.
C. L. C. Toy Novelty & Furniture Corp. (Special Dancing Toys), Augusta, Kan.
California Notion & Toy Co., 555 Market, San Francisco, Cal.
Card Board Toy Co. ("Ezy Made"), 1st Wis. Nat'l. Bank bldg, Milwaukee, Wis.
Carlin D. N. Co., 127 Denniston, Pittsburgh, Pa.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Carrom Co., Ludington, Mich.
Carter C. E. Co., Erie, Pa.
Cass N. D. Co., Athol, Mass.
Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.
Cincinnati Time Recorder Co. (Toy Printing Presses), 1733 Central av, Cincinnati, O.
Clement L. D. North Weare, N. H.
Climax Mfg. Co., East Hampton, Conn.
Cole Toy & Trading Co. (Jobbers), 324 S Hill, Los Angeles, Cal.
Connolly Bros., 329H Laurel av, Cheltenham, Pa.
Converse M. E. & Son, Winchendon, Mass.
Craw Wm. N. Mfg. Co., South Norwalk, Conn.
Cress H. G. Co., Troy, Ohio
Cruver Mfg. Co., 2460 W Jackson blvd, Chicago, Ill.
Dean & Williams Co. ("Juju" wheeled trucks, trailers, Racers & Doel Chariot), 4317 Elston av, Chicago, Ill.
Dorr Wallie Co., 35 Murray, New York
Dowst Bros. Co., 124 Ann, Chicago, Ill.
Drewry Bros., North Weare, N. H.
Eastman Mfg. Co. (Furniture), Union City, Pa.
Economy Drawing Table & Mfg. Co., Adrian, Mich.
Elektra Toy & Novelty Co. (Dolls), 400 Lafayette, New York.
Elitsac Mfg. Co., Castile, N. Y.
Ellsworth Hardwood Co. (Wood), Ellsworth, Me.
Embossing Co., Albany, N. Y.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Evans H. C. & Co. (Race Tracks), 1522 W Adams, Chicago, Ill.
Fearon Brown Co. (Imp.), 96 Wall, New York
Federal-Buster Corp. (Wooden), 304 Lexington av, Pittsgurgh, Pa.
Fox J. H. & Son, Berea, Ohio
Frary Mfg. Co. (Wooden), Charlemont, Mass.
Fuld Wm., 1228 N Central av, Baltimore, Md.
Garton Toy Co., Sheboygan, Wis.
Gerling Toy Co. (Dolls), 64 Grand, New York
Gibbs Mfg. Co., Canton, Ohio
Gilbert A. C. Co. ("Gilbert"), New Haven, Conn.
Globe Teddy Bear Co. ("Globe"), 501 Christopher av, B'klyn, N. Y.
Gong Bell Mfg. Co., Easthampton, Conn.
Granite State Mfg. Co., Concord, N. H.
Halsam Products Co., 4114 Ravenswood av, Chicago, Ill.
Hammond J. T. & Son, 4534 Hedge, Philadelphia, Pa.
Hampden Toy Co., Westfield, Mass.
Hawes J. Mfg. Co., Towanda, Pa.
H. K. Toy & Nov. Co., Indianapolis, Ind.
Hill N. N. Brass Co., Easthampton, Conn.
Horsman E. I. Co., 11 Union sq., New York
Humpton-Scott Co., Columbus, O.
Hurst L. J. Mfg. Co., 716 E 24th, Indianapolis, Ind.
Ingersoll, Robt. H. & Bro., 315 4th av, New York
Interstate Electric Novelty Co. (Electric Novelties, Flashlights), 104 S 4th, Brooklyn N. Y.
Ivoryloid Co., Inc. ("Ivoryloid" "Ace Brand" Dominoes), 200 5th av, New York
Jack & Jill Co. (Seesaws), 211 Calumet, St. Louis, Mo.
Janesville Products Co. (Coaster Wagons & Vehicles), Janesville, Wis.
Kazoo Go-Bang Co., Kalamazoo, Mich.
Kingsbury Mfg. Co (Garden Tools), Keene, N. H.
Kirby Mfg. Co. ("Kirby" Reins), Middletown, Conn.
Kirk-Latty Mfg. Co. (Wheelbarrows, etc), W 85th, bet Detroit & Madison avs, 1971 W 85th, Cleveland, O.
Knapp Electric & Novelty Co., 511 W 51st, New York
Lawrence Airplane Model & Supply Co. (Aeroplane Toys, model aeroplanes & Model Building Supplies), 567 W Van Buren, Chicago, Ill.
Lebanon Nov. Co., Lebanon, Pa.
Lionel Mfg. Co., 48 E 21st. New York.
Lorenzen Chas. F. & Co. (Tile Bldg. Blocks), 521 W. Monroe, Chicago, Ill.
Madmar Quality Co (Wooden & Mechanical) Utica, N. Y.
Maiden America Toy Mfg. Co. (Doll Heads, Dolls, Metal & Composite Toys) 101 Varick, New York
Majestic Doll Co., 41 Greene, New York
Manhattan Electrical Supply Co. (Toys, Electrical Transformers, 110 Volts), 17 Park pl, New York
See adv index at end of book
Mansfield Novelty Co., Mansfield, Pa.
Marks Mfg. Co., 101 Albany, Boston, Mass.
Mason & Parker Mfg. Co. (Garden Tools), Winchendon, Mass.
McLoughlin Bros., 890 B'way, New York
Meinecke Mfg. Co. (Wooden Hobby Horses), Richards, Milwaukee, Wis.
Metal Toy Soldier Co. (Tin Soldiers), 156 Chestnut av, Jersey City, N. J.
Milliman G. H. & Son, North Tonawanda, N. Y.
Modern Toy Co. (Dolls), 181 Belmont av, Brooklyn, N. Y.
National Co. (Talking Machine), 277 Congress, Boston, Mass.
National French Fancy Novelty Co. (Stuffed Toys), 276 Hinsdale, Brooklyn, N. Y.
New Chicago Specialty Co. (Decorated Burnt Wood Doll Furniture, etc), New Chicago, Ind.
New England Lock & Hinge Co. (Toy Hardware), Winchendon, Mass.
New Toy Co. (Dolls) 143 Bleecker, Newark, N. J.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Noble & Cooley Co. (Drums, etc), Granville, Mass.
Olympia Games Co., 126 S Clinton, Chicago, Ill.
Original Mfg. Co. (Bob Skates, etc.), Greenville, Mich.
Papier Mache Works of America (Paper Mache), 115 Spring, New York.
Parker Bros. (Toys & Games, etc.), Salem, Mass.
Parlor Golf Co., Hoboken, N. J.
Pearl Art Wks. (Checker Boards), 673 W Madison, Chicago, Ill.
Philadelphia Game Co., 337 N 3d, Phila., Pa.
Phillips Co. (Blocks & Kindergarten Goods), 354 4th av, New York
Phillips & Buttorff Mfg. Co. (Stoves), Nashville, Tenn.
Porter Chemical Co. ("Chemcraft"), Hagerstown, Md.
Potter Mfg. Co. (Garden Tools), Geneva, Ohio
Price W. R. Inc. ("Umakem" Toy Outfits), 127 5th av, New York
Quaddy Playthings Mfg. Co. (Toys, Dolls & Games), Kansas City, Mo.
Reed, Evan L. Mfg. Co., Sterling, Ill.
Richmond Bros. Co. ("Newello" Magic Slates) 177 Chestnut, Newark, N. J.
Richmond Cedar Works, Fulton, Richmond, Va.
Rockwell Jno. L., Monroeton, Pa.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Rosenstein Hy. Co., 34H Union sq, New York.
Runnels, E. A. & Co., 111 Summer, Boston, Mass.
Schindler Chas. ("Buffler"), Toledo, O.
Schlesinger Leo & Co., 66 Wooster, New York
Schoenhut A. Co. (Pianos, Guns, Sail Boats, Shooting Galleries, Soldier Equipments, Circus Toys, etc.), Adams & Sepviva, Phila., Pa.
Secor Mfg. Co., 112 E 23rd, New York
Selchow & Righter Co., 620 B'way, New York
Seneca Falls Rule & Block Co. Inc., Dept. H, Seneca Falls, N. Y.
Shanafelt Mfg. Co. (Mechanical), Canton, Ohio
Simmons J. M. & Co. (Quiza & Checker Boards, Woolen Dice, Wooden Checkermen, Combination Game Table), 531 S Peoria, Chicago, Ill.
Slauf Mfg. Co. (Wooden), 703 S Clinton, Chicago, Ill.
South Bend Toy Mfg. Co. (Game Boards, Croquet, Doll Cabs, Go-Carts, Wagons & Furniture), South Bend, Ind.
Smith Novotoy Elec. Inc. ("Novotoy"), Charlotte, N. C.
Stearns E. C. & Co. (Rollomobile & Ridamobile), 450 Oneida, Syracuse, N. Y.
Steele Table Co. (Wooden Toys), Port Norfolk, Va.
Steinfeld Bros. (Wagons, Swinging Horses, Carriages, Furniture, Hand Cars, etc), 116 W 32d, New York
Stevens J. & E. Co., Cromwell, Conn.
Stiles H. A. & Co. (Toy Parts, Wooden), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stimpson, Edwin B. Co. (Arrows), 852 Kent av, Brooklyn, N. Y.
Stratton Mfg. Co. (Wooden), Stratton, Me.
Strauss Ferdinand Inc. (Rangers, Tea Sets, Tin Horns, etc.), 7 W 22d, New York
Strobel & Wilken Co. (Imp.), 61 W 23d, New York
Structo Mfg. Co. (Educational Toys), Freeport, Ill.
Toledo Metal Wheel Co. (Automobiles, Carriages & Tricycles), Toledo, O.
Topliffe Ely Co., Washington, Pa.
Towle F. S. Co. (Mechanical Tin Toys), 332 B'way, New York
Toy Cannon Works ("Big-Bang" Cannon), Bethlehem, Pa.
Toy Tinkers, Evanston, Ill.
Travers G. W. & Co., 146 Chambers, New York
Trion Toy Co. (Dolls), 144 B'way & Bedford av, Brooklyn, N. Y.
Transogram Co. Inc. ("Gold Medal" Needlework & Knitting Sets, Painting Boxes & Drawing Outfits), 487 Sterling pl, Brooklyn, N. Y.
Upton Machine Co., St. Joseph, Mich.
Wagner Mfg. Co. ("Wagner Ware" Cast Iron Cooking Utensils), Sidney, O.
Waterbury Button Corporation, 831 S Main, Waterbury, Conn.
See adv index at end of book
Wayne Paper Products Co., Ft. Wayne, Ind.
Whitney Reed Corp., Leominster, Mass.
Wilder Mfg. Co. (Toy Furniture), 17th & Clinton, St. Louis, Mo.
Wilmsen B., 224H Ionic, Phila., Pa.
Wilson Pliny D. Co., 433 California, San Fransisco, Cal.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Woodstock Mfg. Co., Dept. H, Rochester, N. Y.

15841—Toys (Iron & Steel)

Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Arcade Mfg. Co., Freeport, Ill.
Central Stamping Co. (Tin, etc), 174 Fulton, New York

TOYS (IRON & STEEL)—continued
Champion Hardware Co. (Iron) Geneva, Ohio
Dent Hardware Co., Fullerton, Pa.
Elastic Tip Co. (Vacuum Tipped Guns & Pistols), 370 Atlantic av, Boston, Mass.
Grey Iron Casting Co. (Iron Trains, Banks, Ranges, Tools, Sad Irons, etc), Mt. Joy, Pa.
Hubley Mfg. Co. ("Lancaster"), Lancaster, Pa.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Ives Mfg. Corp. (Cars, Locomotives, Houses, Fire Engines, etc), Bridgeport, Conn.
Kenton Hardware Co. (Banks, Ranges, Fire Depts. & Wheel Toys, Cap Pistols & Blank Cartridges, Pistols, etc), Kenton, O.
Kilgore Mfg. Co. (Machine Guns), Homestead, Pa.
Lodge Mfg. Co., S Pittsburgh, Tenn.
Maine Machine Wks. ("Speedster" "All Metal" "Coaster" & "Three Wheel Scooters"), 701H N Main, Los Angeles, Cal.
Moyer-Shaw Mfg. Co., 234 E. Hancock, Detroit, Mich.
Nonpareil Toy & Novelty Co. Inc., 64 Union, Newark, N. J.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Stevens J. & E. Co. (Iron), Cromwell, Conn
Weeden Mfg. Corp. (Steam & Electric), New Bedford, Mass.
Williams A. C. Co. (Iron Only), Ravenna, Ohio
Wrightsville Hdw. Co. (Hammers, Hatchets, Shovels, etc), Wrightsville, Pa.

15842— Toys (Mechanical)

See also Toys, Electric; Toys, Games & Novelties; Locomotives & Railways, Minature
Animate Toy Co. (Bug Sets, Games, etc), 31 E 17th, New York
Bing Bros., 381 4th av, New York
Carrollton Novelty Co., Carrollton, O.
Converse M. E. & Son, Winchendon, Mass.
Dayton Friction Toy Works, Dayton, O.
Federal-Buster Corp., 364 Lexington av, Pitsburgh, Pa.
Gibbs Mfg. Co., Canton, O.
Gilbert A. C. Co. ("Gilbert"), New Haven, Conn.
Gund Mfg. Co., 440 W 42d, New York
Ives Mfg. Corp., Bridgeport, Conn.
Kingsbury Mfg. Co. (Garden Tools), Keene, N. H.
Mechanical Novelty & Mfg. Co., St. Louis, Mo.
National Mechanical Corp., 125 S Racine av, Chicago, Ill.
NEW YORK RUBBER CO., Reade & Church, Chicago, Ill. 325 W. Randolph, Houston, Texas.
Schiebie Toy & Novelty Co., Dayton, O.
Shanafelt Mfg. Co., Canton, O.
Strauss Ferdinand Inc., 7 W 22d, New York
Superior Toy Works (Toy Boats), 1247 Marquette rd, Cleveland, O.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

15843— Toys (Rubber)

Behrend & Rothschild, 353 B'way, New York
Faultless Rubber Co. (Balloons, Balls, etc), Ashland, O.
Goodrich B. F. Co., Akron, O.
Gregory Rubber Co., Akron, O.
Miller Rubber Co., Akron, O.
NEW YORK RUBBER CO., Reade & Church, New York. Chicago, Ill., 325 W Randolph. Houston, Texas
Western Reserve Rubber Co., South Akron, Ohio

15844—Tracing Cloth Pounce

Keuffel & Esser Co., Hoboken, N. J.

15845—Tracing Cloth & Paper

Angel H. Reeve & Co. Inc., 7 Spruce, New York
Defiance Mfg. Co., 32 E 41st, New York
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Indianapolis Blue Print & Supply Co. (Importers), Century bldg, Indianapolis, Ind.
Keuffel & Esser Co. (Paper), Hoboken, N. J.
Keystone Blue Paper Co., 910 Filbert, Phila., Pa.
National Tracing Cloth Co. (Cloth), Saylesville, R. I.
PEASE C. F. CO., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
St. George Henry V., 8 Grand, New York
Sartorius & Co. (Sartorius Vegetables), 57 Murray, New York
Vincent Geo. (Mfr. Victory Vellum Tracing Paper), 422 E. 53rd, New York

15845a—*Track (Cross-Overs)

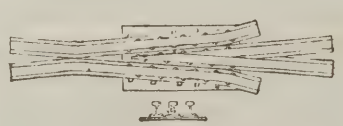
American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

15845b— *Track (Curved)

American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

15845c— Track (Industrial)

See also Track (Railway, Industrial & Portable)
AMERICAN FROG & SWITCH CO., Hamilton, Ohio *See adv index at end of book*
Central Frog & Switch Co., Cincinnati, O. *See adv. index at end of book*


Frogs Switches Switch Stands
Industrial Track Etc.
The Central Frog & Switch Co.
CINCINNATI, OHIO

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv. index at end of book*

Established 1906
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Lakewood Engineering Co., Cleveland, O.

15845d—Track (Narrow Gauge)

American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Central Frog & Switch Co., Cincinnati, O.
Lakewood Engng. Co., Cleveland, Ohio

15845e— Track (Portable)

See also Track (Railway, Industrial & Portable)
American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.

15845f— Track (Riveted)

American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.

15846—Track Movers (Railway)

Mann-McCann Co. ("Greese"), 305 S La Salle, Chicago, Ill.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.

15847—Track (Railway, Industrial & Portable)

American Frog & Switch Co., Hamilton, Ohio *See adv. index at end of book*
BROWN & SITES CO., 30 Church, New York
Central Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

Frogs, Switches, and Switch Stands
and track work of every description
AMERICAN FROG AND SWITCH CO.
Hamilton, Ohio

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
MOTLEY JAMES M., 43 Cedar, New York.

Track Sanders

See Locomotive Sanders

Track Sprinklers

See Cars Sprinkling, Street Railway

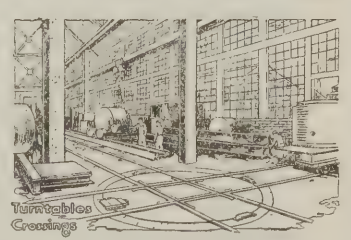
15847a— Track (Switches)

See also Switches (Track, Street Railway)
American Frog & Switch Co., Hamilton, Ohio *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
Signal Accessories Corp., Utica, N. Y.

15847b—Track (Track, Switches Turntables)

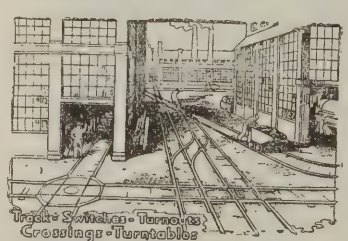
AMERICAN FROG & SWITCH CO., Hamilton, Ohio *See adv index at end of book*
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Light Railway Equipment Co., Commercial Trust bldg, Phila., Pa.

EASTON INDUSTRIAL RAILWAY CARS



TURNTABLES
Turntables of standard or special design, correctly balanced, easily operated and of rugged construction throughout are the result of thirty years experience in the design, manufacture and use of this type of equipment.
Catalogs or Service

TRACK
Track, switches, turnouts, crossings, crossovers, turntables, wheels and axles, axle boxes and roller bearings for inside or outside journals and everything necessary for Industrial Railways.
Catalogs or Service



EASTON CAR & CONSTRUCTION CO., 198 Fulton St., NEW YORK

15847c—Track & Switches (Permanent)

American Frog & Switch Co. (also Portable), Hamilton, Ohio
See adv index at end of book
Central Frog & Switch Co., Cincinnati, O.
See adv index at end of book
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15848-9—Tracking (Slaughter House)

Allbright-Nell Co., 5315 Western blvd, Chicago, Ill.
Brecht Co. (Overhead), 1201 Cass av, St. Louis, Mo.

15850—Tracks (Cast Iron Plate)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

15851—Tracks (Door Hanger)

Alco Foundry & Machine Co., Hillsdale, Mich
McKinney Mfg. Co. (For Barn Doors), Liverpool & Metropolitan, Pittsburgh, Pa.
MYERS F. E. & BRO. ("Myers O. K.", "Myers Giant" Tubular Girder, "New Way" Tubular Girder Hercules Storm Proof "Faultless"), 900 Fourth, Ashland, O. *See adv index at end of book*
Porter J. E. Co. (For Barn Doors), Ottawa, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.
Stolz Jos. & Son Inc., 841 E 136th, New York

15852—Tracks (Hay Carrier)

Hunt, Helm, Ferris & Co. ("Star" Steel & Wood), Harvard, Ill.
MYERS F. E. & BRO. (Double Rail & Single Rail), 900 Fourth, Ashland, O.
See adv index at end of book
Ney V. L. Hay Tool Co. (Steel), Canton, Ohio
Strickler Hay Tool Co. ("Strickler" Steel), Janesville, Wis.

Tracks (Portable)

See Railways, Industrial & Portable

Tractors

See following headings, also Engines, Tractors

15852a—Tracktors (Electric, Storage Battery)

Industrial Truck Co., Holyoke, Mass.
KILBOURNE & JACOBS MFG. CO., Columbus, Ohio
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

15852b—Tractors (Farm)

See also Engines (Traction)

Acme Harvesting Machine Co., Peoria, Ill.
Acme Road Machinery Co. (Gasoline), Frankfort, N. Y.
Advance-Rumely Co. (Steam), La Porte, Ind.
Albert Lea Tractor & Mfg. Co., Albert Lea, Minn.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Am. Tractor Corp., Peoria, Ill.
Am. Tractor & Fdry. Co., Charles City, Ia.
Andrews Tractor Co., 26th & University av, Minneapolis, Minn.
Appleton Mfg. Co., Batavia, Ill.
Astoria Marine Iron Works, Astoria, Ore.
Aultman & Taylor Machy. Co., Mansfield, O.
Austin Machinery Corp. (Multipedal & Wheel), Railway Exchange bldg., Chicago, Ill.
Avery Co. ("Avery"), Peoria, Ill.
Beam Spray Pump Co., San Jose, Cal.
Beeman Garden Tractor Co., 711 5th av N E, Minneapolis, Minn.
Beltrail Tractor Co., St. Paul, Minn.
Brillion Iron Works, Brillion, Wis.
Buckeye Mfg. Co., Anderson, Ind.
Bull Tractors Madison Motors Corp., 620 S 3rd, Minneapolis, Minn.
Case J I Threshing Machine Co., Racine, Wis.
Cleveland Tractor Co. ("Cleveland"), Euclid & Lamb av, Cleveland, O.
C. O. D. Tractor Co., 309 Washington av, Minneapolis, Minn.
Columbus Tractor Co., Columbus, O.
Common Sense Gas Tractor Co., 622 S E 9th, Minneapolis, Minn.
Corn Belt Tractor Co., 2701 Univ. av, S E Minneapolis, Minn.
Craig Tractor Co., Bliss rd, Cleveland, O.
Dauch Mfg. Co., Sandusky, O.
Dayton-Dowd Co. ("Dayton-Dowd"), Quincy, Ill.
Depue Bros. Mfg. Co., Clinton, Ia.
Eagle Mfg. Co., Appleton, Wis.
Ebert Tractor Co., Chicago, Ill.
Electric Wheel Co., Sta D, Quincy, Ill.
See adv index at end of book
Elgin Tractor Corp., Piqua, O.
Emerson-Brantingham Co., Rockford, Ill.
Fageol Motors Co., Oakland, Cal.
Fairmont Gas Engine & Ry. Motor Car Co., Fairmont, Minn.
Farquhar A. B. Co., Ltd., York, Pa.
Ford Motor Co., Hamilton, Ohio
Ford Tractor Co., Dearborn, Mich.
Four Drive Tractor Co., Big Rapids, Mich.
Frick Co., Waynesboro, Pa.
Geneva Tractor Co., ("Geneva Adapto") Geneva, Ohio
Gile Tractor & Engine Co., Ludington, Mich.
Graham Bros. Inc., Evansville, Ind.
Grain Belt Mfg Co., Fargo, N Dak.
Gray Tractor Co., ("Gray") 30th & N. P. Tracks, Minneapolis, Minn.
Hackney Mfg. Co., cor Pior & Univ, St. Paul, Minn.
Hart Parr Co., Charles City, Ia.
Hoke Tractor Co., South Bend, Ind.
Huber Mfg. Co. ("Huber Super-Four"), 202 N Greenwood, Marion, Ohio.
Illinois Silo Co., Bloomington, Ill.
International Harvester Co. of America, Inc. ("Titan" International), Harvester bldg, Chicago, Ill.
Interstate Tractor Co., Waterloo, Iowa
Joliet Oil Tractor Co. ("Bates" Steel Mule), Joliet, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Kardell Tractor & Truck Co., St. Louis, Mo.
Keck-Gonnerman Co., Mt. Vernon, Ind.
Killen-Strait Mfg. Co., Appleton, Wis.
Kinnard & Sons Mfg. Co. ("Flour City"), 44th av & N & Bryant, Minneapolis, Minn.
Knox Motors Co. ("Knox"), 534 Wilbraham Rd, Springfield, Mass.
Koehler H. J. Motors Corp., Bloomfield, N. J.
La Crosse Motor Truck Co., La Crosse, Wis.
La Crosse Tractor Co., ("La Crosse"), La Crosse, Wis.
Lauson John Mfg. Co., New Holstein, Wis.
Leader Tractor Mfg. Co., Des Moines, Ia.
Lenox Motor Car Co., 889 Boyleston, Boston, Mass.
Liberty Tractor Co., Minneapolis, Minn.
Little Giant Co. ("Little Giant"), Mankato, Minn.
Lion Tractor Co., 2d Bank bldg., Minneapolis, Minn.
Lyons Atlas Co., Indianapolis, Ind.
McIntyre Mfg. Co., 172 W Locust, Columbus, O.
Master Tractor Co., Minneapolis, Minn.
Midwest Engine Co. ("Utilitor"), Dept. H, Indianapolis, Ind.
Minneapolis Steel & Mchy. Co., 2854 Minnehaha av, Minneapolis, Minn.
Minneapolis Threshing Machine Co., Hopkins, Minneapolis, Minn.
Minnesota Tractor Co., Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Monarch Tractor Co. ("Neverslip" & "Lightfoot" Watertown, Wis.
Nelson Corp., 11 Elkins, Boston, Mass.
New Age Tractor Co., 3046 Snelling av, Minneapolis, Minn.
New Britain Machine Co. ("New Britain" Garden Type), New Britain, Conn.
Nichols Shepard Co., Battle Creek, Mich.
Nilson Tractor Co. ("Nilson"), 1902 Riverside, Minneapolis, Minn.
Ohio Mfg. Co., Upper Sandusky, O.
Oldsmar Tractor Co. ("Oldsmar"), Oldsmar, Fla.
Oliver Chilled Plow Works, South Bend, Ind.
Oliver Tractor Co., Knoxville, Tenn.
Ortman Motor Co., Washington Court House, Ohio
Parrett Tractor Co., 346 S Dearborn, Chicago, Ill.
Peoria Tractor Co., Peoria, Ill.
Pioneer Tractor Mfg. Co., Winona, Minn.
Plano Tractor Co., Plano, Ill.
Pontiac Tractor Co., Pontiac, Mich.
Remy Bros. Co., Kokomo, Ind.
Rock Island Plow Co., Rock Island, Ill.
Russell & Co., Massillon, Ohio
Samson Tractor Co., Jonesville, Wis.
Samsonlieve Grip Tractor Co., Stockton, Cal.
Sexton Tractor Corp., Asbury Park, N. J.
Shelby Tractor & Truck Co. ("Shelby"), Shelby, Ohio
Short Turn Tractor Co., Globe bldg, Minneapolis, Minn.
S. K. & S. Co., El Paso, Ill.
Square Turn Tractor Co. ("Square Turn"), Norfolk, Va.
Standard Steel Box Co., Bridgeville, Pa.
Standard Tractor Co., 2324 University av, St. Paul, Minn.
Star Tractor Co., ("Indiana" "Star"), Findlay, Ohio
Stearns Motor Mfg. Co., Ludington, Mich.
Stinson Tractor Co., Minneapolis, Minn.
Tioga Steel & Iron Co., 52d & Gray's, Phila., Pa.
Topp-Stewart Tractor Co., Clintonville, Wis.
Townsend Mfg. Co., Janesville, Wis.
Tractor J. T. Co., Fairfield av & W 14th, Cleveland, O.
Trenham Tractor Co., Stevens Point, Wis.
Trojan Unit Tractor Co., Waterloo, Ia.
Turner Mfg. Co., Port Washington, Wis.
U. S. Tractor Co., Minneapolis, Minn.
Velie Motors Corp. Moline, Ill.
Wallis Tractor Co., Racine, Wis.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Weber & Damme Wagon Co., 1621 Broadway, St. Louis, Mo.
Wichita Tractor Co., Wichita, Kan.
Wichita Motors Co. ("Wichita"), Wichita Falls, Tex.
Wisconsin Farm Tractor Co., Sauk City, Wis.
Worthington Pump & Machy. Corp., 115 Broadway, New York
See adv index at end of book
Yuba Mfg. Co., Exch. bldg, San Francisco, Cal.
Zelle Tractor Co., St. Louis, Mo.

15852c—Tractors (Gas & Steam)

See also Engines (Tractor)

Steam Tractor Auto & Mfg. Co., (Steam), Sioux City, Ia.
Tioga Steel & Iron Co., 51nd & Gray's, Phila., Pa.

15852d— Tractors (Gasoline)

Farm Engng. Co., Sand Spring, Okla.
Nelson Corp., 11 Elkins, Boston, Mass.
Tioga Steel & Iron Co., 52d & Gray's, Phila., Pa.
Towmotor Co. ("Towmotor"), 1226 E 152nd, Cleveland, Ohio.

15853—Tractors (Kerosene)

Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Frick Co. ("Frick 12-25"), Waynesboro, Pa.
Hession Tiller & Tractor Corp. (Farm Tillers), (Hessian), Buffalo, N. Y.
Kinnard & Sons Mfg. Co. ("Flour City"), 44th av, & N. Bryant, Minneapolis, Minn.
Minneapolis Steel & Machy. Co. (12-20, 16-30, 25-45, 40-65, 60-90), 2854 Minnehaha av, Minneapolis, Minn.
Tioga Steel & Iron Co., 52nd & Gray's, Phila., Pa.

15853a— Trading Stamps)

Eureka Spec. Printing Co. Scranton, Pa.

15854—Tragacanth Importers

Anderson-Hillier Co. Inc., 99 John, New York.
Bird J. A. & W. & Co. (Imp.), 88 Pearl, Boston, Mass.
Bredt F. & Co., 240 Water, New York
See adv index at end of book
Jacob Chas. W. & Allison, 18 Cedar, New York
Klipstein A. & Co., 644 Greenwich, New York
Lyon Julian W., 101 Beekman, New York
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book
Strahl & Pitsch, 141 Front, New York
Thurston & Braidich, 27 Cliff, New York
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York

15854a— Trailer Parts (Rear End Construction)

Coast Engine & Machine Works, East Water & Taylor, Portland, Ore.
Martin Rocking Fifth Wheel Co., Springfield, Mass.

15854b—Trailers (Industrial)

See also Truck Trailers Automobile

Biehl Iron Works Inc., Reading, Pa.
See adv index at end of book
ELECTRIC WHEEL CO., (Electric) Station D, Quincy, Ill.
See adv index at end of book
Koenig Edward L., La Salle nr Lake, Chicago, Ill. *See adv index at end of book*
KILBOURNE & JACOBS MFG. CO., Columbus, O.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
See adv. index at end of book
Lee Trailer & Body Co. ("Lee" side & end dump body combination), 2343 S La Salle, Chicago, Ill.
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

15855—Train Despatching Equipment (Telephone)

General Railway Signal Co., Rochester, N. Y.
Railway Electric Mfg. Co., 250 W. Water, Milwaukee, Wis.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

15856— Trains (Roll)

Danville Iron & Steel Co., Danville, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Lewis Foundry & Machine Co., Groveton, Pa.
Morgan Construction Co., Worcester, Mass.
National Rool & Foundry Co., Avonmore, Pa.
United Engineering & Foundry Co., Farmers Bk. bldg, Pittsburgh, Pa.

15857— Trammels

Browne & Sharpe Mfg. Co., Providence, R. I.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Goodell-Pratt Co., Greenfield, Mass.

American Steel & Wire Company's

AERIAL TRAMWAYS

NO matter what the contour of the ground, we will construct a tramway that will transfer material at minimum expense; and no grades are too steep to surmount; no rivers or valleys too wide to cross; and no grading, bridges or viaducts of any kind are required. There is practically no limit to the length of these tramways.

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TRAMMELS—continued

Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Extension Beam, etc), Athol, Mass.
See adv index at end of book

Tramrails

See Trolleys & Trolley Tracks, Overhead

15858—*Tramways (Bridge)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.

15859— Tramways (Gravity)

Hallidie Co. (For Ore, etc.), Spokane, Wash. *See adv index at end of book*
Macwhyte Co. ("Macwhyte"), Kenosha, Wis.

15860—*Tramways (Wire Rope)

American Steel & Wire Co. (Aerial), 208 S La Salle, Chicago, Ill.
See adv index at end of book

Tramways & Trolleys

See Trolleys & Trolley Tracks, Overhead; also Wire Rope Tramways

Transfer Scrolls

See Ornaments, Transfer

15861— *Transfer Tables (Hand Power)

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15862—*Transfers (Endless)

LINK-BELT COMPANY ("Link-Belt") 300 W 39th, Chicago, Ill.
See adv index at end of book

15863—Transformer, Oil Dryer & Purifier

Hunt Edw. J. ("Hunt"), 707 Ordway bldg, Newark, N. J.

15864— Transformers

Adams-Bagnall Electric Co., Platt av, Cleveland, O.
Allis-Chalmers Mfg. Co., (Light & Power Electric), Milwaukee, Wis.
American Transformer Co. ("American," High & Low Frequency Type & Oil), 178-182 Emmett, Newark, N. J.
Arrow Mfg. Co. ("Arrow" Low Voltage, Bell Ringing), 618 B'way, Toledo, O.
Ashbrook Electric Co., 411 Ravenswood av, Chicago, Ill.
Beacon Rectifier Inc. (For Operating Signalling System from Alternating or Direct Current), Hyde Park, Mass.
Bell & Howell Co. (Theatre), 1803 Larchmont av, Chicago, Ill.
Butler-Edwards Electric Co., Easton, Pa.
Campbell Electric Co. ("Lowvolt" for Tungsten Lamps, etc), 17 Stewart, Lynn, Mass.
Clapp-Eastham Co. ("Blitzer", High Frequency Type), Cambridge, Mass.
Condit Electrical Mfg. Co., ("Condit" Current & Potential), 1st & L, Boston, Mass.
Connecticut Telephone & Electric Co., Meriden, Conn.
Crocker-Wheeler Co. ("Remik"), Ampere, N. J.
Cumberland Elec. Mfg. Co., Memphis, Tenn.
Cushman Electric Co. ("Cushman" Rotary), Concord, N. H.
Dongan Elec Mfg. Co. (Toy & Bellring), 2987 Franklin, Detroit, Mich.
Duncan Electric Mfg. Co. ("Duncan"), Lafayette, Ind.
Edison Thos. A., Inc., Orange, N. J.
Edwards & Co. ("Dixie," Cadet), Exterior av & 140th, New York
Empire Transformer Co. (Ozone Retifier Syb. Lighting Toy etc.), 4642 Ravenwood av, Chicago, Ill.
Electric Appliance Co., 701 W Jackson blvd, Chicago, Ill.
Electro Surgical Instrument Co. (For Surgical Miniature Lamps), Rochester, N. Y.
Enterprise Elec. Co. ("Peerless"), Warren, O.
Fuerst Friedman Co. (The), 1251 W 3rd, Cleveland, Ohio.
Gardner-Stedman Co., 160 N 5th, Chicago, Ill.
GENERAL ELECTRIC CO. (Lead Burning, "Pyrotip," Light & Power, Auto, Bell Ringing, Pipe Thawing, All-Nite-Lite & Various Special), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co. (Automatic Block Signaling), Rochester, N. Y.
Goettmann, O. J., 525 Ohio, Pittsburgh, Pa.
Haas R. Elec. & Mfg. Co., Springfield, Ill.
Hallberg, J. H., 1604 B'way, New York
Jefferson Electric Mfg. Co. (Toys, Sign Lighting, Wireless), 426 S Green, Chicago, Ill.
Kanaky H. P. Elec. & Mfg. Co., 1117 W 76th, Los Angeles, Cal.
Killark Elec Mfg. Co., 3940 Easton, St. Louis, Mo.
King Elec. & Mfg. Co., Cleveland, Ohio
Knott L. E. Apparatus Co. (Dissectible, Demonstration), 79 Amherst, Cambridge, Mass.
Kuhlman Electric Co. (For Light & Power), Bay City, Mich.
Liebel-Flarsheim Co., 460 Home, Cincinnati, Ohio
Lionel Mfg. Co., 48 E 21st, New York
McIntosh Battery & Optical Co. ("Hogan Silent Roentgen"), 217 N Desplaines, Chicago, Ill.
Marathon Theatre Stres Co. (H. & H. for Mov. Picture), Wausau, Wis.
Miller B. F., Trenton, N. J.
Monawk Electric Mfg. Co. ("Rollinson," Type "R" Ringing), 15 Kirk pl, Newark, N. J.
Moloney Electric Co. ("Moloney"), 7th & Hickory, St. Louis, Mo.
Packard Electric Co., Warren, O.
Paragon Electric Co. (Electric) (Jobbers), 329 E 5th, New York
Pittsburgh Transformer Co. (Furnace, Power, Distribution, Self-Cooled, Water Cooled, Single Phased & Three Phase Mill Type), Columbus & Preble avs, N S, Pittsburgh, Pa.
Ritchie E. S. & Sons (Wireless Telegraph), Brookline, Mass.
Rittenhouse Co. A. E., Honeoye Falls, N. Y.
Sangamon Electric Co. ("Nowatt"), Springfield, Ill.
Scientific Instrument & Electric Mch. Co. (Small High Voltage), Machanicsburgh, Pa.
Sieffert Elec. Co., Evansville, Ind.
States Co., 19 New Park av, Hartford, Conn.
Sterling Devices Co. (Direct Current), 9 Lispenard, New York
Terminal Electric Co., 635H 11th av, New York.
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
Tiebel-Flarsheim Co., 2805 Vine, Cincinnati, Ohio
Triumph Electric Co., Oakley, Cincinnati, O.
U. S. E. M. Co. ("Potentiostat" D. C.), 505 W 42d, New York
United States Apparatus Co. ("Beacon"), 1529 Columbus av, Roy, Boston, Mass.
Victor X-Ray Corp., 236 S Robey, Chicago, Ill.
Viking Electric Co. ("Viking," Low Voltage, Sign & Toy), 152 Chambers, New York
Vindex Electric Mfg. Co., Aurora, Ill.
Voltamp Electric Mfg. Co. (Miniature), 407 N Paca, Baltimore, Md.
Wagner Electric Mfg. Co. ("Wagner Quality" Lightning & Motor Pole line Instrument, Static Power & Subway), 6400 Plymouth av, St. Louis, Mo.
Wahl Mfg. Co., Sterling, Ill.
Ward Leonard Elec. Co. (Adaptor Resistance), Bronxville, N. Y.
Wente Electric Co., Hamilton, O.
Wesco Supply Co. ("McDonnell"), 7th & Clark, St. Louis, Mo.
Western Electric Co. ("Lighting," "Potential"), 463 West, New York
Western Transformer Co., Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO. (Core & Shell Type, for Power & Light), East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co. (Instruments), Waverly Park, Newark, N. J.

15864a—Transformers (Auto-Regulating)

American Transformer Co., 178 Emmett, Newark, N. J.
Kuhlman Electric Co., Bay City, Mich.
Triumph Electric Co., Oakley, Cincinnati, O.

15865—Transformers (Bell Ringing)

Arrow Mfg. Co. ("Arrow"), 618 Broadway, Toledo, Ohio.
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Cumberland Elec. Mfg. Co., Memphis, Tenn.
Dongan Elec Mfg. Co., 2987 Franklin, Detroit, Mich.
Empire Transformer Co., 4642 Ravenwood av, Chicago, Ill.
Ft. Wayne Electric Works, of General Electric Co., Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. C. Co., 493H Blatchley av, New Haven, Conn.
Jefferson Electric Mfg. Co., 426 S Green, Chicago, Ill.
Killark Electric Mfg. Co., 3940H Easton av, St. Louis, Mo.
Mohawk Electric Mfg. Co. ("Rollinson"), 15 Kirk pl, Newark, N. J.
Packard Elec. Co., Dana av, Warren, O.
Peerless Light Co. ("Becker"), 663 W Washington blvd, Chicago, Ill.
Reppell-Murphy Electric Co., 3307 Summit, Kansas City, Mo.
Rittenhouse A. E. Co., Dept. H, Honeoye Falls, N. Y.
Standard Transformer Co. Dept. H, Warren, Ohio.
Sterling Devices Co. (Direct Current), 9 Lispenard, New York
Terminal Electric Co., 685 11th av, New York.
Thordarson Electric Mfg. Co., 501H S Jefferson, Chicago, Ill.
U. S. E. M. Co., 301 W 37th, New York.
Viking Electric Co. ("Viking"), 152 Chambers, New York
Wente Electric Co., Hamilton, O.

15866—Transformers For Moving Picture Lamps

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallberg J. H. ("K. V. A."), 1604 B'way, New York
Nicholas Power Co., 90 Gold, New York

15867—Transformers (Heat)

Central Station Steam Co. ("Detroit"), 710 Woodbridge, Detroit, Mich.

15867a—Transformers (Laboratory)

American Transformer Co., 178 Emmett, Newark, N. J.
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.

15868—Transformers (Pipe Thawing)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

15869—Transformers (Static)

Eveland Electric Riveter Co., W End Tr. bldg, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15870-1— Transits

Ainsworth Wm. & Sons ("Brunton" Pocket), Denver, Colo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckman L. Co., Toledo Ohio
BERGER, C. L. & SONS ("Monitor"), 37 William Boston, Mass.
Buff & Buff Mfg. Co., rear 98 Green, **Jamaica Plain, Boston, Mass.**
Heller & Brightly, Dept. H., 1122 Spring Garden, Phila., Pa.
Keuffel & Esser Co. (Builders', Engineers', Hand Locating), Hoboken, N. J.
Kolesch & Co., 138 Fulton, New York
Ledder & Probst (& Repairing), 21 Pearl, Boston, Mass.
Lietz A. Co. ("Lietz" Transits & Levers), **61 Post, San Francisco, Cal.**
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co. (For Surveying), 64-70H W Johnson, Phila., Pa.
STARRETT L. S. CO. (Leveling), Athol, Mass. *See adv index at end of book*
Taylor Instrument Companies, **("Verschoyle" Pocket "Tycos", Rochester,** N. Y.
Ulmer J. C. Co. ("J. B. Davis" Solar "Ulmer," etc.), 1791 E 38th, Cleveland, Ohio.
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
White, David Co. Inc. (Architects' Leveling, etc.), 901 Chestnut, Milwaukee, Wis.

15872— Translucent Fabrics

Angier Mills ("Rubberglass"), Ashland, Mass.

15873-4—Transmission (Automobile)

AMERICAN DIE & TOOL CO., Reading, Pa.
Cotta Transmission Co. ("Cotta" Motor Truck & Tractor Only), Rockford **Ill.**
Hill-Smith Metal Goods Co. ("H. S."), 82 Brookline av, Boston, Mass.
Fuller & Sons Mfg. Co., Kalamazoo, Mich.
Warren Gear Products Co., Dept. H, Warren, Pa.
Willys Morrow Co. Inc., Dept. H, Elmira, N. Y.

Transmission (Chain)

See Chain Power Transmission

Transmission Machinery Power

See Power Transmitting Machinery

15875—Transmission (Right Angle)

Almond T. R. Mfg. Co. ("Almond"), Ashburnham, Mass.
ROBINSON MFG. CO., Muncy, Pa.

15875a—*Transmission (Silent Chain)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y.

15876—Transmission Towers & Structures (Electric)

Aermator Co., 2500 W 12th, Chicago, Ill.
American Bridge Co., 30 Church, New York
Archbold-Brady Co. (Steel), Syracuse, N. Y.
Bates Expanded Steel Truss Co., 208 S La Salle.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Calumet Iron Wks., 3 Hyatt av, Newark, N. J.
CHICAGO BRIDGE & IRON WORKS, 2105 Old Colony bldg., Chicago, Ill.
For branch offices see adv index at end of book
Delta Star Elec. Co., 2437 Fulton, Chicago, Ill.
Electric Railway Equipment Co., Cincinnati, O.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Pittsburgh-Des Moines Steel Co. (Radio Towers), 804 Curry bldg, Pittsburgh, **Pa.** *See adv index at end of book*
Railway & Industrial Co., Engrg. Co., Peoples Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Riter-Conley Mfg. Co., Oliver bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

Stolz Jos. & Son, Inc., 841 E 136th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15877—Transmitters (Sewing Machine)

Singer Sewing Machine Co., 149 B'way, New York
Union Special Machine Co., 400 N Franklin, Chicago, Ill.

15878-9—Transmitters (Telegraph)

Pierson Manfg. Co. ("Piersen" Keyboard), Topeka, Kas.
Vibroplex Co., Inc., 253 B'way, New York

15880—Transplanters (Tobacco)

Case J. I. Plow Works (& Cabbage) Racine, Wis.
Fetzer & Co. (Tobacco, Cabbage, Tomato, etc.), Springfield, Ill.
Garrison Bros. Co. (And Other Plants), Bridgeton, N. J.
Madison Plow Co. ("F. & J. Bemis"), Madison, Wis.
Masters Planter Co. (Hand) 229 N State, Chicago, Ill.
Nagley Mfg. Co. ("Onondaga" Automatic for All Kinds of Plants), Lyons, N. Y.
New Idea Spreader Co. ("Roliman"), Coldwater, O.
Ohio Rake Co. ("Tiger"), Dayton, O.
Owens J. L. Co. (Also Potato, Cabbage, **Tomato, etc), Fulton & S E Huron, Minneapolis, Minn.**

15881— Trap Rock

See also Stone, Crushed

Birdsboro Stone Co., Land Title bldg., Phila., Pa.
Blue Trap Rock Co., Little Rock, Ark.
Bouker Contracting Co., 24 State, New York
Bound Brook Crushed Stone Co., Bound Brook, N. J.
Clinton Point Stone Co., 17 Battery pl, New York
Conewago Trap Rock Co., Williamsport, Pa.
Connecticut Quarries Co., New Haven, Conn.
Davis Trap Rock Works, Parkway bldg, Phila., Pa.
Delaware River Quarry & Construction Co., 390 George, Jersey City, N. J.
Dyer John T. Quarry Co., Norristown, Pa.
General Crushed Stone Co., Easton, Pa.
Keystone Lime & Stone Co., Lancaster, Pa.
Lane Construction Corp., Meriden, Conn.
McKiernan & Bergin Co., Paterson, N. J.
Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.
Morris County Crushed Stone Co., Morristown, N. J.
New York Trap Rock Co. (Crushed), 10 Park av, New York
Pennington Trap Rock Co., 1539 Filbert, Phila., Pa.
Schmidt F. W., Morristown, N. J.
Spence Bros. ("Bruce"), Cleveland, O.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Waltham Trap Rock Co., Waltham, Mass.
York Hill Trap Rock Quarry Co., Meriden, Conn.

15882— Traps (Air)

ANDERSON V. D. Co. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
McAlear Mfg. Co., 1901 So. Western av, Chicago, Ill.
Nicholson W. H. & Co., Wilkes-Barre, Pa.
Wright-Austin Co. ("Wright"), 97 Woodbridge, Detroit, Mich.

15883— Traps (Animal)

Abingdon Trap Co. ("O. K."), Abingdon, Ill.
Bullock Mfg. Associates, Springfield, Mass.
E-Z Mfg. Co., Galesburg, Ill.
Hawkins Co., South Britain, Conn.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Nelson Mfg. Co., Deerfield, Wis.
Niagara Falls Metal Stamping Works ("Lightning," "Clincher"), Niagara Falls, N. Y.
Oneida Community (Ltd.), Dept. G. ("Victor," "Newhouse," for All Kinds of Game), Oneida, N. Y.
Sabo Mfg. Co., 3115 W 25th, Cleveland, O.
Triumph Trap Co., Inc., ("Triumph," "Kangaroo," "High Grip" & "Triple Clutch"), Oneida, N. Y.

15884—Traps (Anti-Siphon)

Boston Brass Co. ("McAuliffe Non-Siphoning"), 135 Bacon, Waltham, Mass.
See adv index at end of book
Cudell F. E. (Lead), 10013 Detroit av, Cleveland, Ohio
Hunkins-Willis Lime & Cement Co. (Dirs, Partition), Century bldg, St. Louis, Mo.
Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Miller Foundry & Specialty Co. ("Millers"), North Tonawanda, N. Y.
Monarch Brass Co. (Lead & Brass), Cleveland, O.
Sanitary Co. (Iron), Dept. H, Linfield, Pa.
Sanitas Mfg. Co. ("Sanitos" "Securitas"), 105 Washington, Boston, Mass.
Young Joseph H. Co. ("Bay State," "Cambridge," "YCo" "Salem," "Springfield"), 82 High, Boston, Mass.

15885— Traps (Back Water)

Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co., ("Acme") 135 Bacon, Waltham, Mass.
See adv index at end of book
Butler Thos. F., Lorain, O.
Cudell F. E. (Lead), Cleveland, O.
Edwardsville Brass Co., Edwardsville, Ill.
Illinois Malleable Iron Co. (Palmer), 1801 Diversey blvd, Chicago, Ill.
Modern Iron Wks., Quincy, Ill.
Murphy Specialty Co. ("Murphy," Combined Catch Basin & Back Water Trap), 90 2d, Milwaukee, Wis.
Prier Brass Mfg. Co. ("Standard" & Sieben"), Kansas City, Mo.
Sanitary Co., Dept. H, Linfield, Pa.
Sanitas Mfg. Co. ("Acme"), 105 Washington, Boston, Mass.
Stary Frank & Sons, Cedar Rapids, Ia.
Swett A. L. Iron Works, Medina, N. Y.
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Union Metal Works, Chelsea, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Zurn J. A. Mfg. Co. ("Palmer"), Dept. H, Erie, Pa.

15886—Traps (Bath & Basin)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
A. D. Mfg. Co. (Nickel Plated), 201 Piquette, Detroit, Mich.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Blake Specialty Co. (Iron, Lead & Brass), Rock Island, Ill.
Boston Brass Co. ("B. B. McAuliffe Non-Siphoning"), 135 Bacon, Waltham, Mass. *See adv index at end of book*
Bridgman Bros. Co. (Brass Bennor Bath Traps), 131 S 31st, Phila., Pa.
Clarke Robt. (Non-Syphon), 98 Schermerhorn, Brooklyn, N. Y.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Marvel Brass Mfg. Co., 326-332 Rivard, Detroit, Mich.
Detroit Sanitary Supply Co. ("Clean Sweep" Catch Basin), 1191 2nd, Detroit, Mich.
Eagle Picher Lead Co. ("Eagle" Lead), 208H S La Salle, Chicago, Ill.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co. (Brass), 10301 Berea Rd, Cleveland, Ohio
Fee & Mason, 81 Beekman, New York
Frost Mfg. Co. ("Femco"), Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
See adv index at end of book
Greenwood Mfg. Co. (Shower Bath), 5140H Greenwood, Detroit, Mich.
Haines, Jones & Cadbury Co. ("Hajoca" Bath), 1136 Ridge av, Phila., Pa.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Ireland & Matthews Mfg. Co. ("Boss" & "S"), Beard & Chatfield, Detroit, Mich.
Klenke F. J. Co. ("Diamond K"), Sharon bldg, San Francsico, Cal.
Kokomo Brass Works (Self-Scouring Brass Drum & Sanitary Basin), Kokomo, Ind.
Kretschmer Mfg. Co., Dubuque, Ia.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Maco Products Corp. (Nickel Plate), 154 Nassau, New York
Miller Foundry & Specialty Co. ("Miller's"), N Tonawanda, N. Y.
Modern Iron Wks., Quincy, Ill.
Monarch Brass Co. ("Monarch" Brass & Lead, Anti-Syphon), Cleveland, O.
Murphy Specialty Co. ("Murphy"), 90 2nd, Milwaukee, Wis.
Sanitary Co., Dept. H, Linfield, Pa.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer Mass.
Union Metal Works ("A. R. R. C."), Chelsea, Mass.
Weiskittel A. & Son Co. (Bath), 12th & E Lombard, Baltimore, Md.
Wise J. B., Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.
Young Jos. H. Co. ("Bay State," "Cambridge," "YCo," "Salem," "Springfield," "Combination"), 82 High, Boston, Mass.
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

15887— Traps (Bear)

Independent Bridge Co., May bldg, Pittsburgh, Pa.

15888— Traps (Bell)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

TRAPS (BELL)—continued
Barber Mfg. Co., Ashtabula, O.
Blake Specialty Co., Rock Island, Ill.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Fee & Mason, 81 Beekman, New York
Glenn Fred. E., St. Charles, Ill.
Haydenville Co., Haydenville, Mass.
Modern Iron Works, Quincy, Ill.
Quinn Wire & Iron Works, Boone, Ia.

15889—Traps (Bi-Metallic Plated)

A. D. Mfg. Co., 201 Piquette, Detroit, Mich.

15890—Traps (Catch Basin)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Standard Brass & Iron Works ("Dale"), 1820 St. Paul av, Milwaukee, Wis.
Townsend F'dry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

15891— Traps (Centrifugal)

Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
Wolverine Brass Works ("Wolverine" Aluminized Cast Iron), Grand Rapids, Mich.

15892— Traps (Drainage)

Acheson Mfg. Co. (Cesspool Only), Rankin, Pa. *See adv index at end of book*
American F'dry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Blake Specialty Co., Rock Island, Ill.
Cochrane H. S. B. W. Corp., 3147 N 17th, Phila., Pa.
Crampton-Farley Brass Co., 221 Main, Kansas City, Mo.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Detroit Brass & Malleable Wks. (Cast Iron & Brass for Sinks), 1177H Holden, Detroit, Mich.
Detroit Marvel Brass Mfg. Co. ("Marvel" Adjustable Shower Traps), 332 Rivard, Detroit, Mich.
Eureka Mfg. Co., Indianapolis, Ind.
Gillie Mach. Co., Tonawanda, N. Y.
Kokomo Brass Works (Brass Floor, Drain & Trap), Kokomo, Ind.
Modern Iron Wks., Quincy, Ill.
Prier Brass Mfg. Co. ("Standard" & "Sieben," Kansas City, Mo.
Sanitary Co. (Cellar & Floor), Dept. H, Linfield, Pa.

15893-4— Traps (Drum)

Acheson Mfg. Co. (Brass Only), Rankin, Pa. *See adv index at end of book*
American F'dry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Blake Specialty Co. (Iron Lead & Brass), Rock Island, Ill.
Boston Brass Co. (Lead) 135 Bacon, Waltham, Mass. ***See adv index at end of book***
Casey-Hedges Co., Chattanooga, Tenn.
Compound Injector & Specialty Co. ("Dehn's," Iron), 419 N Laramie av, Chicago, Ill.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Brass & Malleable Wks. (Cast Iron), 1177H, Holden, Detroit, Mich.
Glenn Fred E (Cast Iron), St. Charles, Ill.
Modern Iron Wks., Quincy, Ill.
Prier Brass Mfg. Co. (Iron & Brass), Kansas City, Mo.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Sanitary Co. (Cast Iron), Dept. H, Linfield, Pa.
United Lead Co. (Lead), 111 B'way, New York
Universal Drum Trap Cover, 753 E 89th, Chicago, Ill.
Zurn J. A. Mfg. Co. Dept. H, Erie, Pa.

15895— Traps (Fly)

AMERICAN CAN CO. ("Canco"), 120 B'way, New York.
See adv index at end of book
Avis Hardware Co. ("Avis"), Pomona, Cal.
Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, O.
Burgess & Norton Mfg. Co. ("Crusader"), Geneva, Ill.
Curry Champion Fly Trap Co., Paducah, Ky.
Hamlin & Russell Mfg. Co., Worcester, Mass.
Heine John F. & Son (Large), Hooper, Neb.
Ludlow Saylor Wire Co. ("Perfect"), 319H Pine, St. Louis, Mo.
Metal Package Corp. of N. Y., 509 5th av, New York. *See adv index at end of book*
Meyers Fred J. Mfg. Co. ("Champion," "Globe"), Hamilton, O.
See adv index at end of book
National Enameling & Stamping Co. ("Shur-Katch"), 411 5th av, New York
Northwestern Stamping Co., Burlington, Ia.
Parker Wire Goods Co., Worcester, Mass.
Peoria Can Co. ("Superior" Globe Shape), Peoria, Ill.
Reed Evan L. Mfg. Co., Sterling, Ill.
Reynolds Wire Co. ("Harjer," "Champion," "Paragon," "Dixon," "Leader" & "Eagle" Cone Shaped, "Globe," "Acme," "Royal" Balloon Shape), Dixon, Ill.
Safety Wire Gas Globe Co., Columbus, O.
Stuber & Kuck Co. ("Baby Superior"), Peoria, Ill.
Thompson Co. ("Ezycatch"), Red Oak, Ia.
Wagner Mfg. Co. ("Wagner All-Metal," "Wagner Daisy"), Cedar Falls, Ia.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

Traps (Game)
See Traps, Animal

15896— Traps (Gopher)

Abingdon Trap Co. ("O. K."), Abingdon, Ill.

15897— Traps (Grease)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Earrett Jas. Mfg. Co. ("Barrett"), 117 Pearl, Boston, Mass.
Compound Injector & Specialty Co. ("Dehn" "Acme"), 419 N Laramie av, Chicago, Ill.
Estabrook's R. Sons ("Estabrook," "Boston" "Franklin"), 202 1st, Boston, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber M. & Co., 103 Varick, New York
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Philadelphia, Pa.
Hoffmann & Billings Mfg. Co., 100-2nd, Milwaukee, Wis.
Kieley & Muller, 34 West 13th, New York
Klenke F. J. Co. ("Diamond K"), Sharon bldg, San Francisco, Cal.
McAlear Mfg. Co., 1901 So. Western av, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Meyer-Sniffen Co. ("Em Ess Tucker"), 11 W 36th, New York
Mott J. L. Iron Works ("Tucker" & "Tobey"), Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Prier Brass Mfg. Co. ("Sieben"), Kansas City, Mo.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rundle Mfg. Co. (Porcelain Enameled Kitchen), 27th & Wahl, Milwaukee, Wis.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Sanitas Mfg. Co., ("Sanitas"), 105 Washington, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Steam Appliance Co. ("Peters"), Milwaukee, Wis.
Success Mfg. Co. ("Bolger"), Gloucester, Mass.
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Webster, Warren & Co., Camden, N. J.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.

15898-9—Traps (Ground Mole)

Heartley Machine, Variety Iron & Tool Works ("Heartley Hold Fast"), 900 Summit, Toedo, O.
Michigan Wire Goods Co. (Steel), Niles, Mich.
Rittenhouse J. F., Liberty Mills, Ind.

15900— Traps (Lavatory)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
American F'dry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Boston Brass Co. ("McAuliffe Non-Siphoning"), 135 Bacon, Waltham, Pa.
See adv index at end of book
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Empire Brass Mfg. Co., 10301 Berea rd., Cleveland, O.
Klenke F. J. Co. ("Diamond K"), Sharon, bldg, San Francisco, Cal.
Klipstein A. & Co. ("Bemanco"), 644 Greenwich, N. Y.
Modern Iron Wks., Quincy, Ill.
Rundle Mfg. Co., 27th & Wall, Milwaukee, Wis.
Sanitary Co., Dept. H, Linfield, Pa.
Sanitas Mfg. Co., ("Sanitas" Non-Siphoning), 105 Washington, Boston, Mass.
Standard Brass Mfg. Co., Utica, N. Y.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Weiskittle A. & Sons Co., 12th & E Lombard, Balto., Md.
Wise J. B., Inc., Watertown, N. Y.

15901— Traps (Mercury)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York.
See adv index at end of book

15902— Traps (Minnow)

Cuba Specialty Mfg Co. Houghton, N. Y.
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
Orvis Chas. F. Co., Manchester, Vt.
St. Charles Net & Hammock Co., St. Charles, Ill.
Superior Brass Mfg. Co., Dept. H, Mansfield, O.

15902a— Traps (Radiator)

Dunham C. A. Co., 343 S. Dearborn, Chicago, Ill.
Plant Engineering & Equipment Co. Inc. ("Trane"), 192H B'way, New York.
Sarco Co. Inc. ("Sarco"), 3 Park pl, New York.
Webster Warren & Co. ("Webster "Syphon" & Webster No. 7"), Camden, N. J.

15903—Traps (Rat & Mouse)

Abingdon Trap Co. ("It," "O. K.," "Eli," "Nox"), Abingdon, Ill.
Bumann Mfg. Co. ("Open Door"), Litchfield, Ill.
Darby Edw. & Sons Co. ("French American"), 412 N. 18th, Phila., Pa.
Delphos Mfg. Co. ("Lightning Re-set"), 1st & Pierce, Delphos, O.
Detroit Wire & Iron Works ("Smith's Never Escape" & Improved "Morty" Pattern), 1160 Jefferson av, E., Detroit, Mich.
E-Z Mfg. Co. ("E-Z-Ketch"), Galesburg, Ill.
Fort Dearborn Mfg. Co. ("Shur Shut" Mouse), Sterling, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Lovell Mfg. Co. ("Erie," "Star," "Rex," "Dead Easy," "Easy-Setting," "Wood choker," "Sure catch"), Dept. H, Erie, Pa.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Niagara Falls Metal Stamping Works ("Enticer" Rat Traps), Niagara Falls, N. Y.
Oneida Community (Ltd.), ("Official"), Oneida, N. Y.
Osborn J. K. Mfg. Co., Harrison, N. J.
Reed Evan L. Mfg. Co., (Shelf-Setting), Sterling, Ill.
Shann Mfg. Co. ("Chasse" & "Acme" Patent), Middletown, N. Y.
Stansbury H. O. Co., 415 Commerce, Phila., Pa.
Streeter N. R. & Co. ("Knock-out"), Rochester, N. Y.
Swartz H. D. (Rat), Scranton, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wire Goods Co. (Wire & Wood Bottom), Worcester, Mass.
Wolverton Mfg. Co. ("Surprise" Self Setting), Holton, Kansas
Worcester Wire Novelty Co. ("Hold-Em"), Emerson Tower bldg, Baltimore, Md.

15904-5—Traps (Refrigerator)

Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Modern Iron Wks., Quincy, Ill.
National Refrigerators & Fixture Co., 827 Koeln av, St. Louis, Mo.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Sanitary Co., Dept. H, Linfield, Pa.
Worns & Kemp, 287 W 127th, New York

Traps (Return)
See Traps, Steam

15906— Traps (Sewer Gas)

Barrett Jas. Mfg. Co. ("Barrett"), 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co. ("B.B."), 135 Bacon, Waltham, Mass.
See adv index at end of book
Central Foundry Co. ("Sure-Seal," "Lynn" Drain, etc), 90 West , New York
Dececo Co., 157 High, Boston, Mass.
Detroit Sanitary Supply Co. ("Clean Sweep" Non-Syphoning), 1191 2nd, Detroit. Mich.
Dubois F. N. & Co. (Anti-Syphon Trap Vent), 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Federal-Huber Co. ("Protector," Non-Syphoning), 234 N Halsted, Chicago, Ill.
Jenkins Mfg. Co. ("Sanos"), Bloomfield, N. J.
Modern Iron Wks., Quincy, Ill.
Monarch Brass Co. ("Bower"), Cleveland, Ohio
Mott J. L. Iron Works, Trenton, N. J.
Park & McKay, 55 Bagley av, Detroit, Mich.
Providence Steam Trap Co. (Lead & Brass), 16 Diamond, Providence, R. I.
Sproul & McGurrin Co. ("Excelsior" Grease Traps), Grand Rapids, Mich.
Stary Frank & Sons, Cedar Rapids, Ia.
Townsend Foundry & Machine Shop Co. For Street Receiving Basins), B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

15907—Traps (Sewer, Tide & Back Water)

Barrett Jas. Mfg. Co. ("Barrett"), 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co. ("Acme" "McAuliffe Non-Siphoning"), 135 Bacon, Waltham, Mass. *See adv index at end of book*
Modern Iron Wks., Quincy, Ill.

Pier Brass Mfg. Co. ("Standard" & "Sieben"), Kansas City, Mo.
Townsend Fdry. & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Zurn J. A. Mfg. Co. ("Palmer"), Dept. H, Erie, Pa.

15908— Traps (Steam)

Acton John ("Old Reliable" Expansion Traps), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Alert Pipe & Supply Co., Bay City, Mich.
Allentown Experimental Works, Allentown, Pa.
American Blower Co. ("Detroit"), 1400 Russell, Detroit, Mich.
American District Steam Co. "Holly," "Empire," "American"), North Tonawanda, N. Y.
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co. ("Steinmitz"), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co. ("American Ideal"), 208 Camden, Boston, Mass.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Armstrong Machine Works, Three Rivers, Mich.
Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.
Automatic Steam Trap & Specialty Co., 2707 Vestry av, Cleveland, O.
Automatic Steam Trap & Specialty Co. ("Barton" Expansion), 316 Harper av, Detroit, Mich.
Barton John W. ("Barton"), 2707 Vestry av, Cleveland, O.
Berry Engineering Co., Chester, Pa.
Boston Machine Works Co., Lynn, Mass.
Burrows Mfg. Co., York, Pa.
Central Station Steam Co., 710 Woodbridge, Detroit, Mich.
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
CRANE CO., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
D'ESTE JULIAN CO. ("Curtis" Expansion, Return, Balanced, etc), 26 Canal, Boston, Mass.
See adv index at end of book
Dunham C. A. Co. ("Dunham" Drain Valve & Steam Trap for Radiators), 343 S. Dearborn, Chicago, Ill.
Elliott B. K. Co. ("Elliott"), 126 6th, Pittsburgh, Pa.
Elliot Co., Dept. H, Jeanette, Pa.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Fanke F. Steam Trap Co., Milwaukee, Wis.
Farnsworth Co., Conshohocken, Pa.
See adv index at end of book
Flinn, Richard J., West Roxbury Station, Boston, Mass.
Fogarty James H., 126 Liberty, New York
Ford Thos. P. Co. (Compound), 407 Broome, New York
Foskett & Bishop Co. ("Fosket & Bishop"), New Haven, Conn.
Garratt W. T. & Co. ("McKellar"), 299 Fremont, San Francisco, Cal.
General Fire Extinguisher Co. ("Providence," Improved Float), Providence, R. I.
Glenn Mfg. Co. ("Nason"), St. Charles, Ill.
Glover Bros. ("John Glover," "Jones"), Paul & Vandyke, Phila., Pa.
Gold Car Heating & Lighting Co. (Steam Traps for Heating Systems), 17 Battery pl, New York
Golden-Anderson Valve Specialty Co. ("Golden" Tilting), Fulton bldg, Pittsburgh, Pa.
Haines William S. & Co. ("Heintz"), 12th & Buttonwood, Phila, Pa.
Hennebohle, Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Hoffmann B. Mfg. Co. ("Hoffmann"), 257 6th, Milwaukee, Wis.
Hornung J. C., 343 S Dearborn, Chicago, Ill.
Hughson Steam Spec. Co. ("Eclipse"), W 21st & S Racine av, Chicago, Ill.
Hussey, McCann & Co. ("Peerless"), 87 Warren, New York
Huyette Paul B. Co. ("Reliance") 5H S 18th, Phila., Pa.
Illinois Engineering Co. ("Eclipse"), W 21st & S Racine avs, Chicago, Ill.
Jenkins Bros ("Diamond"), 80 White, New York
Johnston Robt. C. & Co. ("Smith"), 620 Lodge, Cincinnati, O.
Keeble Alex K., Lawrence, Mass.
Kelly-Derby Co., Peoples Gas bldg, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller ("Standard" & "Champion"), 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Konold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
Lawler Regulator Co. ("Lawler's," "Empire" & "Monitor," "Lawler's" Duplex & Return Trap), 55 W Houston, New York
Lawler Water Feed & Damper Regulator Co., 55 W Houston, New York
Linton Machine Co. ("Komo"), 26 Cortlandt, New York
Lytton Mfg. Corp. ("Lytton" Separating; also Return & Vacuum), Franklin, Va.
McAlear Mfg. Co., 1901 So. Western av, Chicago, Ill.
McAuley Automatic Trap Co. ("McAuley" Automatic), Imperial Power bldg, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Marsh Jas. P. & Co. ("Original Reflux," "Reflux Junior," "Reflux Forty," "Marsh Blast" Vacuum), 118 S Clinton, Chicago, Ill.
Mitchell W. K. & Co. ("Denny" High & Low Pressure), 2940 Ellsworth, Philadelphia, Pa.
Monash-Younker Co. ("Mo-Yo-Co," "Fidelity" & "Monash" Low-Pressure), 551 W Monroe, Chicago, Ill.
Morehead Mfg. Co. ("Morehead" Non-Return, Return, Vacuum & Condenser), Detroit, Mich.
Mott J. L. Iron Works ("Tobey"), Trenton, N. J.
Nashua Machine Co. ("Bundy"), Nashua, N. H.
Nason Mfg. Co., ("Nason," "Nason-Vesuvius," "Nason-Sidelug," "Nason Class B" & "Nason Class C"), 71 Fulton, New York
Mushet W. E. Co. (Jobbers), 502 Mission, San Francsico, Cal.
National Supply Co., Toledo, O.
Newhall Geo. M. Engng. Co. ("Vance"), Commercial Trust bldg, Philadelphia, Pa.
Nichols E. M. ("Handy"), 212 W Washington sq, Phila., Pa.
NICHOLSON W. H. & CO. ("Wyoming" & "Nicholson" Expansion), Wilkes-Barre, Pa.
Oliver & Howland Co. ("Howland"), Springfield, Mass.
Open Coil Heater & Purifier Co. ("Stickle") Indianapolis, Ind.
Pancoast Henry B. Co., ("Barr's"), 950 N. Front, Phila., Pa.
PATTERSON-KELLEY CO., Church & Cortlandt, New York.
See adv index at end of book
Paul Andrew G. Co. ("Paul"), 141H Milk, Boston, Mass.
Pearce W. H. & Co. ("Crescent"), 115 S Dearborn, Chicago, Ill.
Pittsburgh Valve & Fittings Co. ("Pittsburgh"),Frick bldg, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Plant Engng & Equipt. Co. Inc. ("Corliss Valve"), 192H B'way, New York.
Pratt & Cady Co. ("Pratt" Return), Hartford, Conn.
Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.
Reliance Gauge Column Co. ("Reliance"), Cleveland, O.
Robertson Jno. F. Co. ("Little Giant" "R-P"), Park bldg, Pittsburgh, Pa.
Rutzler Enoch Co. (Automatic), 404 E 49th, New York
Sarco Co. Inc., 8 Park pl, New York.
Shaw Benj. F. Co., Wilmington, Del.
Sorge A. Jr. & Co. ("Sorge" Registering Drainer), Monadnock blk, Chicago, Ill.
Squires C. E. Co. ("Genuine Squires"), 3934 Kelly av, Cleveland, O.
Standard Steam Specialty Co. ("Anderson"), 542 W B'way, New York
Steam Appliance Co. ("Peters" Corliss Valve), Milwaukee, Wis.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.
Sturtevant B. F. Co. ("Flynn," "Sturvant"), 15 Damon, Hyde Park, Boston, Mass.
Tagliabue C. J. Mfg. Co., 18 83d, Brooklyn, N. Y.
Taylor Steam Specialty Co., Battle Creek, Mich.
Templeton Mfg. Co. ("Sterling"), Dept. H, Hyde Park, Mass.
Thurtell B. W., 22 Quincy, Chicago, Ill.
Tillotson Humidifier Co. ("Ideal"), 78 Fountain, Providence, R. I.
Tyler Underground Heating System ("Tyler"), 855 Progress, Pittsburgh, Pa.
Vance-Vetter Co. ("Vance"), Phippo Power bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Watson & McDaniel Co. ("McDaniel," "Chapman," "Columbia"), 146 N 7th, Phila., Pa.
Webster Warren & Co., Camden, N. J.
Western Kieley Steam Specialty Co. ("Boylston" Improved), 116 W Illinois, Chicago, Ill.
Williams D. T. Valve Co. ("Cookson"), Cincinnati, O.
Williams Gauge Co. ("Williams" Steam Operated), 543 4th av, Pittsburgh, Pa.
Winner Co. ("Winner"), 30 Church, New York
Wright-Austin Co. ("Austin," "Wright," "Emergency" High Pressure & "Victor" Low Pressure), 315H Woodbridge, W, Detroit, Mich.

15909—Traps (Steam, Railway)

McAlear Mfg. Co., 1901 So. Western av, Chicago, Ill.
Sarco Co. Inc. ("Sarco"), 8 Park pl, New York.
Vapor Car Heating Co., 1450 Railway Exchange, Chicago, Ill.
Williams D. T. Valve Co., Cincinnati, O.

15910-11— Traps (Stench)

Acheson Mfg. Co. (Brass Only), Rankin, Pa.
See adv index at end of book
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Glenn Fred E. ("Dunstan"), St. Charles, Ill.
Union Metal Works ("A. R. R. C."), Chelsea, Mass.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.

Traps (Vacuum)

See Traps, Steam

15912— Traps (Waste)

Acheson Mfg. Co. (Brass Only), Rankin, Pa.
See adv index at end of book
Boston Brass Co. ("McAuliffe Non-Siphoning"), 135 Bacon, Waltham, Mass.
See adv index at end of book
Dearborn Brass Co., Cedar Rapids, Ia.
Elgin Brass Co., 21 Park Row, New York
Greenwood Mfg. Co. (Sink), 5140H Greenwood, Detroit, Mich.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Union Metal Works, Chelsea, Mass.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.
Young Joseph H. Co. ("Bay State," "Cambridge," "YCo." "Salem," "Springfield"), 82 High, Boston, Mass

15913— Traps & Targets (Trap Shooting)

Chamberlin Cartridge & Target Co. ("Blue Rock," "Legett"), 514 Prospect av, Cleveland, O.
Morrill Target Co. (Clay Targets, Automatic & Hand Traps), Omaha, Nebr.

15914— Travelers (Ferry)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book

15915—Traveling Bags & Suit Cases

See also Trunk Manufacturers

Abel & Bach Co., Milwaukee, Wis.
Ahlswede Mfg. Co., 126 N Los Angeles, Los Angeles, Cal.
Am. Suit Case Mfg. Co., 17 Walker, New York City
Barnum Trunk Co., 804 Nicollet, Minneapolis, Minn.
Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.
Bleaman & Berg, 246 Spring, Paterson, N. J.
Boyle John & Co., 112 Duane, New York
Brier, Fisher & Miller, 218 Arch, Philadelphia, Pa.
Brooklyn Suit Case Mfg. Co., 76 Morgan pl., Brooklyn, N. Y.
Cleveland Leather Goods Co., 28 Noble, ct, Cleveland, O.
Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus, O.
Cramer & Sherr, 429 E. Moyer, Philadelphia, Pa.
Crane Bros., Westfield, Mass.
Crouch & Fitzgerald, 177 B'way, New York
Deitsch Bros., 14 E 17th, New York
Dresner S. & Sons, 500 Peoria, Chicago, Ill.
Dresner & Wein, 147 W Austin av, Chicago, Ill.
Eau Claire Trunk Co., Eau Claire, Wis.
Effbee Co., 306 S Franklin, Chicago, Ill.
Eichenbusch J. W. Co., 120 Ann, Chicago, Ill.
Excelsior Traveling Goods Co., 612 S Canal, Chicago, Ill.
Excelsior Trunk Co., 606 Delaware, Kansas City, Mo.
Fibre Specialty Mfg. Co., Kennett Square, Pa.
Galewski David, 181 Mercer, New York
Galewski S., 321 B'way, New York
Gerding Geo. W., 405 Commerce, Phila., Pa.
Hahn A. & Co., 69 5th av, New York
Harris R., 4824 S Main, Los Angeles, Cal.
Hartmann Trunk Co., 626 S Michigan av, Chicago, Ill.
Haskell Bros., 165 W Green, Chicago, Ill.
Hirschfelder & Meaney, 36 Battery, San Francisco, Cal.
Horton & Hubbard Mfg. Co., Somerville, Mass.
Imperial Leather Mfg. Co., 847 W Harrison, Chicago, Ill.
Kamlee Co., 448 E Water, Milwaukee, Wis.
Katz Bros, Leather Goods Co., 135 W 20th, New York
Kaufmann K. & Co., 169 Murray, Newark, N. J.
Kennebunk Mfg. Co. (Traveling, Extension, School, Laundry, Sample, etc), Milton, N. H.
Keystone Solether Corp. (Synthetic Bags), 320 Broadway, New York
L. & Z. Suit Case Co., 644 5th av, Pittsburgh, Pa.
Likly Henry & Co., Rochester, N. Y.
Lowy A., 18 Greene, New York
Lowy & Co., 79 Grand, New York

TRAVELING BAGS & SUIT CASES—cont.
Lust Wm., 927 Van Ness av, San Francisco, Cal.
Mack Henry, 104 Prospect, Jersey City, N. J.
Maier Martin & Co., 102 Woodward, Detroit, Mich.
Malm C. A., & Co., 2199 Folsom, San Francisco, Cal.
Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.
Mayer Max, 10th & Cherry, Phila., Pa.
Mead Traveling Bag Co., 147 W Austin av, Chicago, Ill.
Meyer Bros., 234 N Front Philadelphia, Pa.
Murell Leather Goods Co., 27 Sudbury, Boston, Mass.
Murphy P. C. Trunk Co., 13th & Papin, St. Louis, Mo.
National Veneer Products Co., Mishawaka, Ind.
Newark Leather Goods Works, 28 Division pl, Newark, N. J.
New England Trunk Co., 26 Chauncy, Boston, Mass.
Nobbe Kaphan Co., 301 Market, Newark, N. J.
Paulus John, 655 N May, Chicago, Ill.
Pfisterer C. G., 800 E Jefferson, Los Angeles, Cal.
Phil. Leather Goods Co., 2nd & Race, Philadelphia, Pa.
Racine Traveling Bag Co., Racine, Wis.
Rappeport R. E., 1700 W Monroe, Chicago, Ill.
Raquet Bros., 117 N. J. R. R. av, Newark, N. J.
Reed Edward E., Somerville, Mass.
Reynolds Leather Goods Co., Putnam, Conn.
Ries & Hoelzel (Leather Bags Only), 1020 Race, Phila., Pa.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Rosenson D. & Sons Co., 1600 Baronne, New Orleans, La.
St. Louis Leather Goods Co., 2509 S B'way, St. Louis, Mo.
Schmicki F., 873 B'way, New York
Schmit Trunk & Bag Co., Oshkosh, Wis.
Seattle Suit Case Mfg. Co., Seattle, Wash.
Secor M. M. Trunk Co., Racine, Wis.
Seward Trunk & Bag Co., Petersburg, Va.
South Bros. Trunk Co., 2025H Franklin, Waco, Texas.
Travelight Mfg. Co. ("Travelight"), 237 Lawrence, Phila., Pa.
United Suit Case Co., 1345 5th av, Pittsburgh, Pa.
University Bag Co., 185 Franklin, Boston, Mass.
Waberski Bros., 6 Barbara, Newark, N. J
Warren Leather Goods Co., Worcester, Mass.
Weingarten & Geberer, 90 Grand, New York
White F. H. Co., 1001 Hamilton, Philadelphia, Pa.
Wilt Chas. T., 173 W Madison, Chicago, Ill.
Zick Joseph, Rochester, N. Y.

15916— Trays (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Standard Aluminum Co., Two Rivers, Wis.
Wagner Mfg. Co (Cast Aluminum), Dept. H, Sidney, O.

15917— Trays (Ash)

Dent Hardware Co., Fullerton, Pa.
Silver & Co., 304 Hewes, B'klyn, N. Y.
Spielman Elec. Co. ("Seco"), 1931 B'way, New York

15917a— Trays (Barrow, Steel)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
JACKSON MFG. CO., Fourth & Boyd, Harrisburg, Pa. *See adv index at end of book*

15918— Trays (Brass)

Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Knapp Mfg. & Supply Co. (Bar, Candy, etc), 241 Water, New York.
New York Stamping Co. ("Empress" Table), N 11th & Berry, Brooklyn, N. Y.
Ray Geo. A. Mfg. Co. (Also Nickel Plated), Buffalo, N. Y.
Sweeney W. H. Mfg. Co. (All Styles), 30 Main, Brooklyn, N. Y.

15919— Trays (Cast Iron)

Clow James B. & Sons, Franklin & Harrison, Chicago, Ill.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wagner Mfg. Co. ("Wagner Ware"), Sidney, Ohio
Warren Foundry & Machine Co., Phillipsburg, N. J.

Trays (Chopping, Wood)

See Bowls, Wood

15919a— Trays (Counter)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15919b— *Trays-Developing (Vitreous Enameled)

Vitreous Enameling Co., Grant av, Cleveland, Ohio
See adv index at end of book

15919c—*Trays-Drying (Vitreous Enameled)

Vitreous Enameling Co., Grant av, Cleveland, Ohio
See adv index at end of book

15919d—*Trays (Enameled)

Co-operative Foundry Co., Rochester, N. Y.
See adv index at end of book

WE ENAMEL
GENUINE COPCO ENAMEL
(Porcelain Enamel)
ON CAST IRON AND STEEL
CO-OPERATIVE FOUNDRY CO
Rochester, N. Y.

Vitreous Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*

15919e—*Trays—Evaporating (Vitreous Enameled)

Vitreous Enameling Co., Grant av, Cleveland, O. *See adv index at end of book*

15919f— Trays (Fibre)

Cordley & Hayes ("Fibrotta" Paper Fibre), Leonard, New York
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

15919g— Trays (Glass)

Corning Glass Works, Corning, New York

15920—Trays (Gold & Silver Plated)

Weidlich Bros. Mfg. Co., Bridgeport, Conn.

15921—Trays (Hard Rubber)

Tyer Rubber Co., Andover, Mass.

15921a— Trays (Jewelry)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15922—Trays (Knife & Fork)

Bennett Mfg. Co. (Wood), Portland, Me.
Chapman-Sargent Co. (Wood), Piqua, Ohio

15923— Trays (Letter)

Andrews Wire & Iron Works, Rockford, Ill.
Barbee Wire & Iron Wks. (Wire), 111 W Washington, Chicago, Ill.
Erie Art Metal Co., Erie, Pa.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Penn Art Steel Works, Erie, Pa.
Progressive Wire Goods Co. (Wire), 13th & Hamilton, Phila., Pa.
Standard Wire Co. ("Standard" Wire), New Castle, Pa.
Wickwire Spencer Steel Corp. ("Natwire" Wire), Worcester, Mass.
See adv index at end of book
Worcester Wire Novelty Co., Emerson Tower bldg, Baltimore, Md.

15924—Trays (Litho. Metal)

Shonk Chas. W. Co., Maywood, Ill.

15924a— Trays (Pen)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15924b—*Trays (Perforated Vitreous Enameled)

Vitreous Enameling Co., Grant av, Cleveland, Ohio *See adv index at end of book*

15924c— Trays (Pin)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

15925— Trays (Serving)

Farber S. W., 147 S 5th, Brooklyn, N. Y.
Schiebe E. F., Somerville, Mass.
Silver & Co. (Brass, Glass & Wood), 304 Hewes, B'klyn, N. Y.

15925a—*Tray (Shoe & Slipper)

Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*

15926— Trays (Steaming)

Clark W. J. Co., Salem, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Milwaukee Brewers' Specialty Co., 1919 Milwaukee, Wis.

15927— Trays (Wooden)

Anderson Box & Basket Co. (Bakers' Pie & Cake), Henderson, Ky.
Berks Engng. Co. (Confectioners), Reading, Pa.
Bogert & Hopper, Inc. (Starch), 57 Barclay, New York.
See adv index at end of book
ESTES E. B. & SONS (Counter, Pen, Pin, Jewelry, Starch, etc.), 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

15928—Treadles (Foot Power)

Goodell-Pratt Co., Greenfield, Mass.
Hardinge Bros. (Automatic Locking), 4203 Ravenswood av, Chicago, Ill.
Shawmut Machinery Co., 82 Lincoln, Boston, Mass.

Treads (Car Step)

See Car Steps & Treads

15929—Treads (Dog Power)

See also Horse Powers
Dobson Mfg. Co., Rockford, Ill.
Gowanda Agricultural Works, Gowanda, N. Y.
McDermaid J., Rockford, Ill.

15930-1—Treads (Push Button Floor

Ansonia Electrical Co. ("Daisy"), Ansonia, Conn.
Renim Specialty Co. ("Ideal"), Brighton, Boston, Mass.

Treads (Rubber)

See Mats & Matting, Rubber

Treads (Safety)

See Stair Treads, Various Kinds; also Car Steps & Treads; also Steps, Safety Tread

15932—Treaters (Smut & Seed)

Fosston-Carpenter Co. ("Advance," "Cyclone," "Hart"), St. Paul, Minn.

Tree Guards

See Wire Fence & Gates; also Iron Railings & Fences

15932a—Tree Guards (Wire & Wrought Iron)

Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, Ohio
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Dufur & Co., 311 N Howard, Baltimore, Md.
Galbraith C. C. & Son, 117 West, New York

15933-4— Treenails

Galbraith C. C. Son, 117H West, New York.
Haskins J. S. Lumber Mfg. Co. ("Locust" for Ship Purposes), Md. Casualty Tower, Baltimore, Md.
Nashua Spool & Bobbin Co. (Locust & Oak), Grove Hall Station, Boston. Mass.

15935—Trestles (Painters' & Masons')

Berg John Mfg. Co., 5001 S Wells, Chicago, Ill.
Davenport Ladder Co., Davenport, Ia.
Fox Geo. S., 137 N 6th, Phila., Pa.
Frizell Ladder Co., 135 Granite av, Boston, Mass.
Goshen Mfg. Co., Goshen, Ind.
Haskins J. S. Lumber Mfg. Co. ("Locust" for Ship Purposes), Md. Casualty Tower, Baltimore, Md.
Krewson T. C., 801 Master, Phila., Pa.
Moulton C. W. H. Co., Somerville, Mass.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co., South & Depot, Cincinnati, Ohio
Safety Ladder Mfg. Co., Seattle, Wash.
Steel Scaffolding Co., Evansville, Ind.
Young Bros. Co., Worcester, Mass.

15936-7—Trestles (Shaft Hanging)

Portland Extension Ladder & Pole Co. ("Excelsior" Folding Extension Trestle or Scaffold Horse), 130 Orange, Newark, N. J.

15938—Trestles (Steel Frame)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York

15939— Triangles

Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.
Defiance Mfg. Co., 22 E 41st, New York
Disston Henry & Sons (Steel), Tacony, Phila., Pa.
Elliott B. K. Co. 126 6th, Pittsburgh, Pa.
Hallett Iron Works, Harvey, Ill.
Keuffel & Esser Co., Hoboken, N. J.
Mound Tool Co. ("Mound"), 1203 S 7th, St. Louis, Mo.

15940—Triangles (Line Wire)

Hallett Iron Works, Harvey, Ill.

Triers

See Tryers

15941— Tribromphenol

Dow Chemical Co., Midland, Mich.
Wagner Mfg Co. (Cooking Utensils), Dept. H, Sidney, O.

15941a— Trichlornapthalene

Condensite Co. of America, Bloomfield, N. J.

15942—Trimmers (Bolt Head)

BLISS E. W. CO., 19 Adams, Brooklyn, New York *See adv index at end of book*
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

15943— Trimmers (Hedge)

American Axe & Tool Co., Glassport, Pa.
Disston Hy. & Sons, Tacony, Phila., Pa.
Stearns E. C. & Co. (Or Lawn), 450 Oneida, Syracuse, N. Y.

Trimmers (Hoof)

See Parers, Hoof

15944—Trimmers (Lamp Wick)

Graef & Schmidt ("Twin-Brand" Imp.), 107 Chambers, New York
Ives H. B. Co. ("Barnard"), New Haven, Conn.

15945— Trimmers (Lawn)

Chadborn & Coldwell Mfg. Co. ("C. & C."), Newburgh, N. Y.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Granite State Mowing Machine Co. ("Capitol" Lawn Mower Pattern), Hinsdale, N. H.
Imperial Bit & Snap Co. ("Imperial"), Racine, Wis.
Northwestern Stamping Co. ("N. W."), Burlington, Ia.
Osmundson Spade Mfg. Co. ("Hawkeye" "Edgar"), Perry, Ia.
Phila. Lawn Mower Co. ("Philadelphia"), 3101 Chestnut, Phila., Pa.
Supplee-Biddle Hardware Co. ("Pennsylvania" Ball Bearing), 510 Commerce, Phila., Pa.
Townsend S. P. & Co., Orange, N. J.

15946—Trimmers (Linseed & Cottonseed Cake)

French Oil Mill Machinery Co., Piqua, O.

15947— Trimmers (Lumber)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
Clark Bros. Co., Olean, N. Y.
DeLoach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works ("Diamond" & "Harmon"), 2nd & 18th av, Minneapolis, Minn.
Enterprise Co., Columbiana, O.
Filer & Stowell Co., Milwaukee, Wis.
Fox Machine Co. ("Universal" Pattern Makers), Jackson, Mich.
Garland M. Co., Bay City, Mich.
Gordon Hollow Blast Grate Co. ("Tower"), Greenville, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Stellman L. H. & Son, Brattleboro, Vt.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.

15948—Trimmers (Paper Hangers')

See also Tools, Paper Hangers

Allen A. & Co. ("Climax," "Eclipse," "Triumph," "Keystone" Hand & Power), 2001 Carpenter, Phila., Pa.
Bullock Mfg. Association, Springfield, Mass.
Ridgely Trimmer Co., Springfield, O.

15949—Trimmers (Photograph)

Fletcher, Terry Co., Forrestville, Conn.
Jacques John & Son, Worcester, Mass.
Monce S. G. Unionville, Conn.

15950—*Trimmers (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

15951— Trimmers (Slate)

Ruggles Machine Co., Poultney, Vt.

15952-3—Trimmers (Spoke)

See also Pointers

Artistic Bronze Co., Bridgeport, Conn.
Beereis & Bossick Co., Div. of The Bossick Co., Bridgeport, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Frost C. L. & Son, Grand Rapids, Mich.
GRAND RAPIDS BRASS CO. (Metal Escutcheons, Knobs, Pulls, Hinges, etc), Grand Rapids, Mich.
See adv index at end of book
Ives W. A. Mfg. Co. ("Ives"), Wallingford, Conn.
Keeler Brass Co., Grand Rapids, Mich.
KNAPE & VOGT MFG. CO., Grand Rapids, Mich.
See adv index at end of book
National Lock Co. (Brass & Plate), Rockford, Ill.
Novelty Mfg. Co., (Metal), Waterbury, Conn.
Schlegel Mfg. Co., Rochester, N. Y.

15954— Trimmers (Tree)

See also Shears, Pruning

Atkins E. C. & Co., Indianapolis, Ind.
Bush Electric Co. ("Bush"), 6654 Broadway, Cleveland, Ohio.
Klein Mathias & Sons ("Klein's"), 3200 Belmont av, Chicago, Ill.
Ransome Mixer Co. (With or Without Saw), 165 E. B'way, New York
Smith Seymour & Son, Oakville, Conn.

Trimmers (Wall Paper)

See Trimmers, Paper Hangers

15955—Trimmings (Bedstead)

American Ring Co., Waterbury, Conn.
Pritchard Stamping Co. (Brass), Rochester,, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Schultze Mfg. Co., 46 Lawrence, Newark, N. J.
WATERBURY MFG. CO., Waterbury, Conn

15955a— *Trimmings (Blind)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

15956—Trimmings (Boat & Launch)

Detroit Arch'l Iron Works Co., Book bldg, Detroit, Mich.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Minneapolis Brass & Iron Mfg. Co., 115 N 9th, Mnnneapolis, Minn.
Twentieth Century Brass Works Co., 514 5th av S, Minneapolis, Minn.

15956a—Trimmings (Boot & Shoe)

Du Pont E I de Nemours & Co. Inc. (Sales Dept., "Fabrikoid"), Fabrikoid Div., Wilmington, Del.
See adv index at end of book

Trimmings (Car)

See Car Trimmings

15957— Trimmings (Casket)

Elgin Silver Plate Co., Elgin, Ill.
Imperial Carving Co., Allegan, Mich.
International Silver Co., Meriden, Conn.
Rogers Silver Co., Westfield, Mass.
Schlegel Mfg. Co., Rochester, N. Y.
Syracuse Ornamental Co., Syracuse, N. Y
Vogt Mfg. Corp., Dept. H, Rochester, N. Y.
Westfield Plate Co., Thompsonville, Conn.

15958—Trimmings (Fancy Box)

Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Stimpson Edw. B. Co. (Also for Cigar Boxes), 63 Franklin av, Brooklyn, N.Y.

15959—Trimmings (Furniture)

American Ring Co. (Brass), Waterbury, Conn.
Artistic Bronze Co., Bridgeport, Conn.
Bassick Co., 28H Austin, Bridgeport, Conn.
Beereis & Bossick Co. Div. of The Bossick Co., Bridgeport, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Frost C. L. & Son, Grand Rapids, Mich.
GRAND RAPIDS BRASS CO. (Metal Escutcheons, Knobs, Pulls, Hinges, etc), Grand Rapids, Mich.
See adv index at end of book
Keeler Brass Co., Grand Rapids, Mich.
Knape & Vogt Mfg. Co., Grand Rapids, Mich.
National Lock Co. (Brass & Plate), Rockford, Ill.
Novelty Mfg. Co. (Metal), Waterbury, Conn.
Schlegel Mfg. Co., Rochester, N. Y.

15960— Trimmings (Halter)

Frazer & Jones Co. ("Eames," "Excelsior," etc), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand" etc), New Britain, Conn.

15961— Trimmings (Harness)

Enterprise Mfg. Co. (Saddlery Trimmings), Akron, O.
Rubber & Celluloid Products Co. (Rubber & Celluloid), 56 Ferry, Newark, N. J.
Stimpson, Edwin B. Co. (and dog collar), 852 Kent av, Brooklyn, N. Y.

15962— Trimmings (Hat)

Du Pont E. I. de Nemours & Co. Inc. Sales Dept. ("Fabrikoid"), Fabrikoid Div., Wilmington, Del.
See adv index at end of book

15963—Trimmings (Refrigerator)

Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
DENT HARDWARE CO., Fullerton, Pa.
GRAND RAPIDS BRASS CO., Grand Rapids, Mich. *See adv index at end of book*
Tiebout W. & J., 118 Chambers, New York

Trimmings (Saddlery)

See Trimmings, Harness

15964—Trimmings (Smoking Pipe)

Novelty Mfg. Co. (Brass), Waterbury, Conn.
Weber-Knapp Co. (Smoker Sets), Jamestown, N. Y.

Trimmings (Stove)

See Stove Trimmings

15965—Trimmings (Table Cuttlery)

Novelty Mfg. Co., Waterbury, Conn.

15966— Trimmings (Umbrella & Parasol)

Schlegel Mfg. Co., Rochester, N. Y.
Woolson James B., Watertown, Conn.

15966a1— Trinitrotoluol

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept. Explosives), Wilmington, Del.
See adv index at end of book

15966a—*Tri-Nitro-Toluol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

15966b— Tripods

Gorham Co., Architectural Bronze, 5th av & 36th, New York
Movette Inc., 295 State, Rochester, N. Y.
Reed Evan L. Mfg. Co. (For Baskets) Sterling, Ill.
Universal Camera Co. (Motion Picture), 240 E Ontario, Chicago, Ill.
Wis. Iron & Wire Wks. (Bronze), 1660 Booth, Milwaukee, Wis.

15967— Tripods (Drill)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

15968—Tripods (Engineers')

Gurley W. & L. E. (For Transits, Levels, Compasses & Plane Tables), Troy, N. Y.
Gold Car Heating & Lighting Co (For Heating Systems), 220 36th, Brooklyn, N. Y.
Ulmer J. C. Co., E. 38th & Kelly, Cleveland, O.

15969—*Tripods (Portable Folding)

SPIEDEL JOHN G. (For Hoists), Reading, Pa. *See adv index at end of book*

15970— Tripoli

See also Composition, Buffing

American Tripoli Co. (Pure Tripoli Flour), Seneca, Mo.

TRIPOLI—continued
Callery W. W. & Co., Pittsburgh, Pa.
Cohutta Talc Co. (Miners' & Refiners'), Dalton, Ga.
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Fuller Ralph L. & Co. Inc., 1 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
Munning A. P. & Co., Mattawan, N. J.
Waddell R. J. & Co. (Imp.), 52 Beekman, New York
Wiarda John C. & Co. (Composition), 273 Greene, Brooklyn, N. Y.

15971— Trippers (Belt)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Webster Mfg. Co., 4500-60 Courtlandt, Chicago, Ill.
See adv index at end of book

15972— Triturators

Coldwell-Wilcox Co., Newburgh, N. Y.

15973— Trocars (Bull Nose)

Baird Company, Plainfield, N. J.

15974— Trolley Ears

Allen Fire Dept Supply Co., 159 Aborn, Providence, R. I.
Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Chester Ry. Supply Co. ("Dyer"), Chester, Pa.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Eureka Co., North East, Pa.
Ohio Brass Co., Mansfield, O.
See adv index at end of book

Trolley Harps or Forks

See Forks, Trolley; also Trolley Line Materials

15975—Trolley Line Materials

See also Railway Supplies, Electric
American Mine Door Co., Canton, Ohio
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Albert & J. M. Mfg. Co. (Overhead), 289 A, Boston, Mass.
Archbold-Brady Co. (Catenary Bridges Only), Syracuse, N. Y.
Bayonet-Trolley-Harp Co. (Detachable Trolley Harp & Butterfly Sleet Cutter), Springfield, O.
Clark Elec. & Mfg. Co. ("Clark"), 149 B'way, New York
Columbia Machine Works & Malleable Iron Co. (Strain Line Anchor, etc), Atlantic av & Chestnut, Brooklyn, N. Y.
Cooke-Wilson Co., 220 Penn, Pittsburgh, Pa.
Creaghead Engineering Co. ("Creaghead"), 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Electric Railway Equipment Co., Cincinnati, O.
Electric Materials Co., North East, Pa.
Electric Railway Equipment Co., Cincinnati, Ohio
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Material Co. (Flexo & Semi-Flexo Trolley Cars; Mabir & Hivol Pins, etc.), 618 W. Jackson Blvd, Chicago, Ill.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Eureka Co. (Trolley Ears, Splicers, etc), North East, Pa.
Flood City Mfg. Co. (Wheels, Harps, etc, for Mines, etc), Johnstown, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. & Sons Brass Fdry Co., 4019H Forest Park blvd, St. Louis, Mo.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hegeman Castle Corp. ("Drew"), Fisher bldg, Chicago, Ill.
Hickey & Schneider (Specialties), Elizabeth, N. J.
Holden & White ("Drew"), 343 S Dearborn, Chicago, Ill.
International Insulating Corp., 25 W. 45th, New York.
Johns-Manville Inc. ("J M" Overhead & Subway), Madison av & 41st, New York.
Line Material Co., High Tension, S. Mil-waukee, Wis.
Lord Mfg. Co., 105 W 40th, New York
Macallen Co., 16 Macallen, South Boston, Mass.
Miller Trolley Shoe Co. (Trolley Shoes), West Newton, Mass.
National Brass Mfg. Co. (Trolley Wheels & Harps), Rochester, N. Y.
Naugatuck Malleable Iron Co., Naugatuck, Conn.
NUTTALL R. D. CO. ("Union" "Standard" Trolley, Harps), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
OHIO BRASS CO. (Overhead), Mansfield, O. *See adv index at end of book*
Phila. Electrical & Mfg. Co. ("Pemco" Feeder Arms, etc), 1236 N 31st, Phila., Pa.
Stuart-Howland Co., 234 Congress, Bos-ton, Mass.
Traction Materials Co., 501 5th av, New York
Union Electric Co., 31 Terminal wy, Pittsburgh, Pa.
Virginian Electric & Machine Works, Charleston, W. Va.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Trolley Poles

See Poles, Various Kinds; also Ties, Poles & Posts

15976—Trolleys (Butchers' Beef)

Allbright-Nell Co., 5315 Western av., Chicago, Ill.
Duncan J. Co., 7 Fulton pl., Boston, Mass.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.

15977— Trolleys (Cable)

Bissell F Co., Toledo, Ohio
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hanna Engineering Works ("Q. M. S."), 1764 Elston av, Chicago, Ill.
Sybilla Elevator & Machine Co., 214 W Ontario, Chicago, Ill.

15978—Trolleys (Electric Conveying)

Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, O.
EUCLID CRANE & HOIST CO., Euclid, O.
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Yale & Towne Mfg. Co. ("Yale"), Stam-ford, Conn.

15979— Trolleys (Trunnion)

Erie Forge Co., Erie, Pa.

15980— Trolleys & Chairs (Cable Stringing)

Bissell F. Co. ("Security"), Toledo, O.
Central Telephone & Elec. Co. ("Arrow"), 310 N 11th, St. Louis, Mo.
Ransome Concrete Machinery Co., Dunel-len, N. J.

15981—Trolleys & Trolley Tracks (Overhead)

ARMINGTON ENGNG. CO., Euclid, Ohio
See adv index at end of book
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Blethen Heigh R., 21 Park Row, New York
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Case Crane & Engineering Co. (I Beam) Columbus, O.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chisholm-Moore Mfg. Co. (Geared & Plain Yoke Trolleys), 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., ("Coburn"), P. O. Box 127, Holyoke, Mass.
Curtis & Co. Mfg. Co. (Single I Beam Trolleys & Trolley System Parts), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., De-troit, Mich. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
See adv index at end of book
Dries & Krump Mfg. Co. ("Atlas"), 2901 S Halsted, Chicago, Ill.
See adv index at end of book
Duncan J. Co. (For Rubber Mills), 7 Fulton pl. Boston, Mass.
EUCLID CRANE & HOIST CO., Euclid, O.
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Ford Chain Block Mfg. Co., 2nd & Dia-mond, Phila., Pa
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Harrington Edw. Son & Co., 17th & Cal-lowhill, Phila., Pa.
Lane Bros. Co. (Trolley Carriers), Pough-keepsie, N. Y.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Lovejoy Tool Works (I Beam Trolleys), 319 W Ohio, Chicago, Ill.
See adv index at end of book
McCabe Hanger Mfg. Co. (Eye Beam), 425-426-428 W 25th, New York
See adv index at end of book
Maris Bros., 56th & Grays av, Phila., Pa.
Moore Franklin Co., Winsted, Conn.
MYERS F. E. & BRO., 900 Fourth, Ash-land, O. *See adv index at end of book*
New Jersey Foundry & Machine Co. ("Delta" Hand & Electric Power), 89 West, New York
Northern Engineering Works, 210 Chene, Detroit, Mich.
Parlette H. Leslie, Media, Pa.
Pawling & Harnischfeger Co. (I Beam Electric), Milwaukee, Wis.
See adv index at end of book
Philadelphia Tram-Rail Co., Front & Tus-culum, Phila., Pa.
Randall Tramrail Co., 335 N 2d, Phila., Pa.
READING CHAIN & BLOCK CORP., Reading, Pa. *See adv index at end of book*
Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Trolley Overhead Carriers), Aurora, Ill.
Ricker Mfg. Co., Rochester, N. Y.
Roeper Crane & Hoist Works, Reading, Pa.
Round D. & Son, Penn. R. R. & Henry, Cleveland, O.
SHEPARD ELECTRIC CRANE & HOIST CO. (Electric, Plain & Geared, I-Beam), Montour Falls, N. Y.
See adv index at end of book
Smith A. L. Iron Wks., Dept. H, Chelsea, Mass.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Stolz Jos. & Son Inc., 841 E 136th, New York
Whitehead & Kales Iron Works, Beecher & M. C. R. R., Detroit, Mich.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Wright Mfg. Co. (High Speed), Lisbon, Ohio
Yale & Towne Mfg. Co. ("Yale" Crane-I-Beam & Plain Rail), Stamford, Conn.

15982— Trommels (Rice)

Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.

15983— Troughs (Hog)

See also Troughs, Watering
American Scale Co., Kansas City, Mo.
California Corrugated Culvert Co., W Berkeley & Los Angeles, Cal.
Clarke J. Q. Tank Co., Crawfordsville, Ind.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Conner J. W. & Son (Cast Iron), Orange-ville, Pa.
Dayton-Dowd Co. (Cast Iron), Quincy, Ill.
Dutton E. Q. & Co., Cato, N. Y.
East Bangor Mfg. Co. (Cast Iron), Bangor, Pa.
Foltz Mfg. & Supply Co., Hagerstown, Md.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Loetscher-Ryan Mfg. Co. ("Star" Cast), Dubuque, Ia.
Martin Steel Products Co., Mansfield, Ohio
Maytag Co., Newton, Ia.
Milwaukee Corrugating Co. ("Milcor" All Metal), Milwaukee, Wis.
Munnsville Plow Co. (Cast Iron), Munns-ville, N. Y.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
Northwestern Stamping Co. ("North-western Seamless"), Burlington, Ia.
Quinn Wire & Iron Works ("Daisy"), Boone, Ia.
Western Mfg. Co., Oskaloosa, Ia.
Whitacre J. E. Mfg. Co. (Galv., also Sheep), Rockford, Ill.

15984— Troughs (Meat)

Brecht Co., 1201 Cass av, St. Louis, Mo
Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.

15985—Troughs (Watering)

Barnes & Nuss Co. (Galvanized Steel), Grand Forks, N. D.
Buch's A. Sons Co. (Cast Iron & Steel), Elizabethtown, Pa.
Bushnell Tank Works, Bushnell, Ill.
Casey-Hedges Co. (Cast Iron Horse), Chat-tanooga, Tenn.
Central Foundry Co. (Cast Iron), 90 West, New York
Chicago Hardware Foundry Co., 546 W Washington, No. Chicago
Chicago Steel Tank Co., Cicero, Ill.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City Mo.
East Bangor Mfg. Co. (Cast Iron Hog), Bangor, Pa.
Ephrata Foundry & Machine Works (Cast Iron, Portable Line), Ephrata, Pa.

Flint & Walling Mfg. Co. (Galvanized Steel), Kendallville, Ind.
Foltz Mfg. & Supply Co., Hagerstown, Md.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co. (Galvanized Steel), 2333-35 Papin, St. Louis, Mo.
Harry O. K. Steel Works (Feed), Dallas, Tex.
Heesen Bros. Co. (Cast Iron), Tecumseh, Mich.
Heller-Aller Co., Napoleon, O.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Kelly Foundry & Machine Co. (Poultry), Goshen, Ind.
Ky. Stamping Co. ("Kentuco" Poultry), Dept. H, Louisville, Ky.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.
Martin Steel Products Co., Mansfield, Ohio
Milwaukee Corrugating Co. ("Milcoe" All Metal Feeding), Milwaukee, Wis.
Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
Niles Steel Tank Co. (Galvanized Steel), Niles, Mich.
North Dakota Metal Culvert Co. (Galvanized Steel), Fargo, N. D.
Perkins Wind Mill Co., Mishawaka, Ind.
Sanitary Co. (Chick & Chicken), Dept. H, Linfield, Pa.
Standard-Elsmere Granite Co. (Concrete), 1752 N Spauding av, Chicago, Ill.
Wagner Mfg. Co., Sidney, Ohio
Weather-Proof Watering Trough & Tank Mfg. Co. (Concrete), Canton, Mo.
Weaver & Co. (Steel), New Oxford, Pa.

15986— Trowels

Arcade Mfg. Co. (Steel Garden, etc), Freeport, Ill.
Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Bishop Geo. H. & Co. (Plasterers'), Lawrenceburg, Ind.
Browne & Dowd Mfg. Co. (Plastering), Meriden, Conn.
Buffum Tool Co. ("Swastika", Plastering Brick, Bent Blade Garden Transplanting, Handy Pointing, etc), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. (Handle, Edge, Outside Corner of Angle), 703 S B'way, St. Louis, Mo.
Disston Henry & Sons (Garden, Brick, Plastering, Edging, Cementing, etc), Tacony, Phila., Pa.
Goldblatt H. Tool Co. ("Goldblatt"), 213 E 15th, Kansas City, Mo.
Hills Edwin (Garden), Plainville, Conn.
Kensington Hdwe. & Tool Mfg. Co. (Brick, etc.), 410 Mechanic, Germantown, Phila., Pa.
Kohler F. E. Co. (Garden, etc), Canton, O.
Landers, Frary & Clark (Garden), New Britain, Conn.
Lothrop H. A. & Co., Sharon, Mass.
Marshalltown Trowel Co. (Plasterers', Brick, etc), Marshalltown, Ia.
Maynard C. A. (Garden Brick, etc.), Northampton, Mass.
Potter Mfg. Co. (Brick, Pointing, Garden, Florists, etc), Geneva, O.
Reading Saddle & Mfg. Co. (Plastering, Florists, Brick, Garden, etc), Reading, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Southington Hdwe Co., Southington, Conn.
Stortz Jno. & Son (Cement Workers, Putty, Paint, etc), 210 Vine, Phila., Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
Western Steel & Iron Works (Garden), De Pere, Wis.

15987— Trowels (Butter)

Landers, Frary & Clark (Also Butter Spades, etc), New Britain, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.

15988—Trowels (Concrete Finishing)

Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Bishop George H. & Co., Lawrenceburg, Ind.

15989— Trowels (Garden)

Arcade Mfg. Co. (Steel, etc), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Disston Henry & Sons, Tacony, Phila., Pa.
Hills Edwin, Plainville, Conn.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kingsbury Mfg. Co., Keene, N. H.
Mohler F. E. Co., Canton, O.
Landers, Frary & Clark, New Britain, Conn.
Mason & Parker Mfg. Co., Winchendon, Mass.
Maynard C. A., Northampton, Mass.
N. Y. Stamping Co. ("Primrose"), N 11th & Berry, Brooklyn, N. Y.
Potter Mfg. Co., Geneva, O.
Southington Hdwe Co., Southington, Conn.
Western Steel & Iron Works, De Pere, Wis.

Trowels (Molders')

See Tools, Molders'

15990—Trowels (Plastering)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop George H. & Co., Lawrenceburg, Ind.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Clark W. J. Co., Salem, O.
Crescent Mfg. Co., 129 Reade, New York
Disston Henry & Sons, Tacony, Phila., Pa.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kensington Hdwe. & Tool Mfg. Co., Germantown, Phila., Pa.
Marshalltown Trowel Co., Marshalltown, Ia.
Potter Mfg. Co., Geneva, O.
Reading Saddle & Mfg. Co. (Steel Blade), Reading, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Southington Hdwe Co., Southington, Conn.

Trowels (Putty)

See Knives, Putty

15991—Truck Bands (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Empire Tire & Rubber Corp., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 B'way, New York
Whitehead Bros. Rubber Co., Trenton, N. J.

15992—Truck Trailers (Automobile)

Acme Wagon Co. ("Acme"), Emigsville, Pa.
Anchor Top & Body Co. ("Anchor"), C. H. & D. Ry, nr. Gest, Cincinnati, O.
Arcadia Trailer Corp., Newark, N. J.
Birdsall Engine Co., Newark, N. J.
Bower Mfg. Co., Fowler, Ind.
Butler Co. ("Butler"), Butler, Ind.
Coast Engine & Machine Works, E Water & Traylor, Portland, Oreg.
Davenport Wagon Co., Davenport, Ia.
Defiance Carriage Co. ("Defiance"), Defiance, O.
Detroit Steel & Casting Co., 4069H Michigan, Detroit, Mich.
Detroit Trailer Co., 35 Jos. Campau, Detroit, Mich.
Eagle Wagon Works, Auburn, N. Y.
Erie Trailer Mfg. Co. ("Erie"), Erie, Pa.
Eureka Co. ("Eureka"), Rock Falls, Ill.
Fruehauf Trailer Co., 1371 Gratiot av, Detroit, Mich.
Glen Wagon & Car Corp., Cortland, N. Y.
Hesse Wm. G. & Son Mfg Co., Leavenworth, Kans.
Hessner Henry & Son, 33 Bartlett, Brooklyn, N Y.
Hi-Speed Trailer Car, East Rochester, N. Y.
Kentucky Wagon Mfg. Co., Louisville, Ky.
King Trailer Co., Ann Arbor, Mich.
Lantz W. R. Mfg. & Supply Co., Muskogee, Okla.
Lee Trailer & Body Co. ("Lee" D Four Wheel Steer & Heavy Duty), 2343 S La Salle, Chicago, Ill.
Lion Buggy Co. ("Lion"), C. H. & D. R. R., nr. Gest, Cincinnati, O.
Lyons F. P. Iron Works, Manchester, N. H.
Mansfield Steel Corp., 288 E Milwaukee av, Detroit, Mich.
Martin Carriage Works ("Martin"), York, Pa.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, Mass.
Mercury Mfg. Co., 4118 S Halsted, Chicago, Ill.
Miami Trailer Co. ("Miami"), Troy, Ohio
Michigan Trailer Co., Kalamazoo, Mich.
Miles Co. ("Jackson"), Jackson, Mich.
Nagle John C., 431 Baker, Detroit, Mich.
Nonpareil Mfg. Co. ("Nonpareil"), Cochranton, Pa.
Northway Trailer Car Co. (High Speed), East Rochester, N. Y.
Ohio Motor Vehicle Co. ("Ohio"), Oakview & Nottingham, Cleveland, Ohio
Ohio Trailer Co., Nottingham & Oakview, Cleveland, O.
Parry Mfg. Co. ("Parry"), Indianapolis, Ind.
Powell Trailer Co., Corry, Pa.
Press Jacob Sons, 300 N. Halsted, Chicago, Ill.
Randolph H. C. ("Randolph"), Jonesville, Mich.
Rogers Bros. Co. ("Rogers"), Albion, Pa.
Samson Trailer Works ("Samson"), Grand Rapids, Mich.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Sherwood Bros. Mfg. Co., Canastota, N. Y.
Simplex Short Turn Trailer Co., Auburn, Ind.
Sior Heinrich, 245 Floyd, Brooklyn, N. Y.
Standard Trailer Co. (Two Wheel), Cambridge Springs, Pa.
Trailimobile Co. ("Trailimobile"), Oakley, Cincinnati, Ohio.
Troy Wagon Works Co. (Drop Frame, Pole & Bus Body), Troy, Ohio.
Warner Mfg. Co. (Heavy Duty), Beloit, Wis.
Watson Wagon Co., Canastota, N. Y.
Zering H. Mfg. Co., B. &. O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

15993-4— Trucks (Aerial)

American-La France Fire Engine Co., Elmira, N. Y.
Seagrave Co. (Motor Only), Columbus, O.

15995— Trucks (Ash Can)

Browne W. G. Mfg. Co. ("Handy"), Kingston, N. Y.
Clark Geo. P. Co., Windsor Locks, Conn.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fairbanks Co., 416 Broome, New York
Zering H. Mfg. Co., B. &. O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

15996—Trucks (Assembling)

Clark Geo. P. Co., Windsor Locks, Conn.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Towsley John T. Mfg. Co., Cincinnati, O.

15997—Trucks (Automatic Loading)

Clark Geo. P. Co., Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
LEWIS-SHEPARD CO. ("Jacklift" Master Truck), 577 E 1st, Boston 27, Mass.
See adv index at end of book
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.

15998—Trucks (Automobile Wrecking)

Weaver Mfg. Co. ("Weaver" Auto Ambulance), Springfield, Ill.

15999—Trucks (Bag Holder)

Stevens Mfg. & Foundry Co., Decatur, Ill.

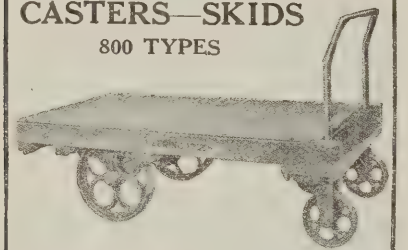
16000—Trucks (Bag & Barrel)

Adams Co. (Iron), Dubuque, Ia.
Armstrong Truck Co. (2 & 4 Wheel), North Wales, Pa.
Barnard & Leas Mfg. Co., Moline, Ill.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bowser N. P. Co. (Bag Holding Only), South Bend, Ind.
Buch's A. Sons Co., Elizabethtown, Pa.
Cardington Cabinet Co. ("Handy"), Cardington, O.
Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Comstock Geo. S. & Son (Bag), Mechanicsburg, Pa.
Conner J. W. & Son (Bag), Orangeville, Pa.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Getz M. & Co., 162 First, San Francisco, Cal
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Howe Chain Co., Muskegon, Ohio
Howe Scale Co., Rutland, Vt.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
See adv index at end of book
Knowles Scale Works (Ash Barrel Cans), Lowell, Mass.
Lansing Co., Lansing, Mich.
Lehr Agricultural Co., Fremont, O.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Messinger Mfg. Co., Tatamy, Pa.
Moore Truck & Mfg. Co., Trenton, Mich.
Mountville Mfg. Co., Mountville, Pa.
Nutting Truck Co. (2, 4 & 6 Wheeled), Faribault, Minn.
Peck C. A. Hardware Co. (Automatic Barrel), Berlin, Wis.
Phillips Doup & Co. ("National"), 60 Pearl, Brooklyn, N Y
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Sprout, Waldron & Co. (Bag), Muncy, Pa.
STANDARD SCALE & SUPPLY CO., LTD., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Universal Machine Co. (2 Wheel Hand), Bowling Green, O.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wolf Co., Chambersburg, Pa.

TRUCKS (BAG & BARREL)—continued
Wrightsville Hardware Co. (Bag), Wrightsville, Pa.
ZERING H. MFG. CO., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16001— Trucks (Baggage)

Ames Plow Co., Quincy Hall, Boston, Mass.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buda Co., 80 E Jackson, Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Covel Mfg. Co., Benton Harbor, Mich.
Cowan Truck Co. (Electric), Holyoke, Mass.
Elwell-Parker Electric Co. (Electric), Cleveland, O.
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fox Z. F. & Son, Freeport, Mich.
Hoagland Thayer, Inc., 300 Washington, Newark, N. J.
Howe Scale Co., Rutland, Vt.
Kalamazoo Railway Supply Co. (Also Railroad Warehouse), Kalamazoo, Mich.
Karry Lode Industrial Truck Co., 100 Mott av, Long Island City, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio *See adv index at end of book*
Lakewood Engrg. Co., Cleveland, Ohio
Lansing Co., Lansing, Mich.
Mercury Mfg. Co., 4118 S Halsted, Chicago, Ill.
Nutting Truck Co., Faribault, Minn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Standard Scale & Supply Co., Ltd., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
White Co., 79th & St. Clair, Cleveland, O.
Wright-Hibbard Industrial Elec. Trucks Co., Buffalo, N. Y.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

ZERING
TRUCKS—TRAILERS
CASTERS—SKIDS
800 TYPES

THE H. ZERING MFG. CO.
B. & O. R. R. and Hickory Sts.
CINCINNATI, OHIO
LARGEST EXCLUSIVE TRUCK SPECIALISTS
Write for Catalogue

16002—*Trucks (Barrel, Steel)

OHIO MFG. CO., P. O. Box 136, Painesville, O. *See adv index at end of book*

16003— Trucks (Basket)

Fairbanks Co., 416 Broome, New York
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
La Plante Choate Mfg. Co. (House), Cedar Rapids, Ia.
Nutting Truck Co., Faribault, Minn.
Peerless Wire Goods Co. (Wire), Lafayette, Ind.
Peru Basket Co. (Bamboo Truck, Rubber Tired Wheels), Peru, Ind.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16004—Trucks (Binder & Header)

Emerson Brantingham Co. ("E. B. Osborne" Binder), Rockford, Ill.
Harvester Co. (Binder), Batavia, N. Y.
Massey-Harris Harvester Co. (Binder), Batavia, N. Y.
Moline Plow Co. (Binder), Moline, Ill.
Winona Wagon Co. (Header), Winona, Minn.

16005— Trucks (Bottlers')

Clark G. P. Co. ("Clark"), Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
LEWIS-SHEPARD CO. ("Jacklift" Master Truck), 577 E 1st, Boston 27, Mass.
See adv index at end of book
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., Oakley, Cincinnati, O.
See adv index at end of book

16006— Trucks (Box)

Allsteelequip Co., Aurora, Ill.
Armstrong Truck Co., North Wales, Pa.
Clark Geo. P. Co., Windsor Locks, Conn.
Cleveland Wire Spring Co. (Steel), 1281 E 38th, Cleveland, O.
Dail Steel Products Co. (Steel), Lansing, Mich.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Globe Vise & Truck Co., Grand Rapids, Mich.
Holyoke Truck Co., 110 Race, Holyoke, Mass.
Howe Chain Co., Muskegon, Mich.
Howe Scale Co., Rutland, Vt.
Kantslip Co. (Steel & Wood), Freeport, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio *See adv index at end of book*
Lewis-Shepard Co. ("Jacklift" Master Truck), 577 E 1st, Boston 27, Mass.
See adv index at end of book
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
Nutting Truck Co., Faribault, Minn.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Plocher Andrew Sons Co. ("Gem" & Steel Timber or Contractors' Dolly), Dayton, Ohio
Standard Scale & Supply Co., Ltd. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16007-8— Trucks (Brick)

Anderson Foundry & Mach. Works, Anderson, Ind.
Arnold-Creager Co., New London, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Easton Car & Construction Co. (Tile, etc.), 198 Fulton, New York
See adv index at end of book
Fairbanks Co. (also Tile), 416 Broome, New York
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
International Clay Machy. Co., Dayton, O.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
See adv index at end of book
Nutting Truck Co., Faribault, Minn.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Potts C. & A. & Co., Indianapolis, Ind.
Steele J. C. & Sons, Statesville, N. C.
Wellington Machine Co., Wellington, O.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16009— Trucks (Canvas)

Lane W. T. & Bro. (Canvas with Steel Frame), Poughkeepsie, N. Y.

16010—Trucks (Car, Steam & Electric)

American Steel Foundries (Steam), Commercial McCormick bldg, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Baldwin Locomotive Works (Steam & Electric), Broad & Spring Garden, Phila., Pa.
Barney & Smith Car Co., Dayton, O.
Bemis Car Truck Co., Springfield, Mass.
Bettendorf Co. (All Steel for Steam Roads Only), Bettendorf, Ia.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Commonwealth Steel Co. (Cast Steel, Four or Six-Wheel Truck Frame In One Piece), Pierce bldg, St. Louis, Mo.
Egyptian Iron Works (Mine), Murphysboro, Ill.
Elect. Auto Sales Corp., Central Park W & 62nd, New York
Kuhlman G. C. Car Co., Adams av & L. S. & M. S. Ry., Cleveland, O.
Laconia Car Co. (Electric), 60 Congress, Boston, Mass. Works: Laconia, N. H.
Lincoln Steel & Forge Co. (Mine Cars Only) 5701 Natural Bridge av, St. Louis, Mo.
McGuire-Cummings Mfg. Co. ("Columbia," Electric, etc), Harris Trust & Savings bldg, Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Car Truck Co. ("Barber" Roller-Bearing Passenger, Electric & Freight Car, Locomotive Tender, etc), 332 S Mich. av, Chicago, Ill.
Standard Motor Truck Co. ("Barber" Roller Bearing Passenger Electric & Freight Car Locomotive Fender, etc.), 1111 Bellevue av, Detroit, Mich.
Standard Steel Car Co. (Steel Frames & Underframes for Wooden Cars), A. V. R. R., Pittsburgh, Pa.
Taylor Electric Truck Co. ("Taylor Made"), Troy, N. Y.
Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.
Valley Forging Co., Verona, Pa.
Walker Vehicle Co. (Electric Road Type "Walker Balance Drive"), State & 87th, Chicago, Ill.
Wason Mfg. Co., Springfield, Mass.
Western Steel Car & Foundry Co., 122 S Michigan av, Chicago, Ill.
Yale & Towne Mfg. Co. (Electric), Dept. H, Stamford, Conn.
Zelnicker Walter A. Supply Co. (Dealer), 325 Locust, St. Louis, Mo.
See adv index at end of book

16011—*Trucks (Concrete Mixer)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16012—Trucks (Core Oven)

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Lewis-Shepard Co. ("Jacklift" Master Truck), 577 E 1st, Boston, Mass.
See adv index at end of book
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, O.
Stolz Jos. & Son Inc., 841 E 136th, New York

16013-4— Trucks (Dolly)

HAMILTON CASTER & MFG. CO. THE ("Tu-Ton"), Hamilton, Ohio.
Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

Trucks (Dry Goods)

See Trucks, Store, Warehouse & Factory

16015— Trucks (Dry Kiln)

American Blower Co., 1400 Russell, Detroit, Mich.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Curtis-Hosey Dryer Co., Pyle bldg, 23rd & Chestnut, Philadelphia, Pa.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Fairbanks Co., 416 Broome, New York
Glascock Stove & Mfg. Co. (Steel Frame, Roller Bearing), Greensboro, N. C.
Lansing Co., Lansing, Mich.
Michigan Truck & Lumber Co. ("Michigan"), Holly, Mich.
North Coast Dry Kiln Co., Seattle, Wash.
Nutting Truck Co., Fairbault, Minn.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Union Iron Works Co., Selma, Ala.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Youngstown Steel Car Co., Niles, Ohio
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16015a—*Trucks (Drying)

Clark Geo. P. Co., Windsor Locks, Conn.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16016—Trucks (Dye House)

Clark Geo. P. Co., Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
ZERING H. MFG. CO., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16017— Trucks (Elevating)

Barrett-Cravens Co., 169 N Ann, Chicago, Ill.
CHASE FOUNDRY & MFG. CO. THE ("Chase"), 2700 S Parsons av, Columbus, Ohio. *See adv index at end of book*
Clark Geo. P. Co. ("Clark"), Windsor Locks, Conn.
Columbus Lift Truck Co., Columbus, O.
Cowan Truck Co. ("Transveyor") Holyoke, Mass.
Fairbanks Co., 416 Broome, New York
Howe Chain Co., Muskegon, Mich.
Industrial Truck Co. (Electric), Holyoke, Mich.
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
LEWIS-SHEPARD CO. ("Jacklift" Master Truck), 577 E 1st, Boston 27, Mass. *See adv. index at end of book*

JACKLIFT
MASTER TRUCK
The 100% Elevating Truck
Lifts higher, easier, and in less space.
Capacities 2000-8000 lbs.
LEWIS-SHEPARD CO.,
577 E. First St., Boston 27, Mass.

New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Peabody & Sloan, Union Arcade bldg, Pittsburgh, Pa.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Stuebing Truck Co., W Court, Cincinnati, O.
Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.

16017a— Trucks (Factory)

See also Trucks (Store, Warehouse & Factory)

Equipment Mfg. Co., Leader-News bldg, Cleveland, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Koenig Edward L. Co. 23 W Kinzie, Chicago, Ill.
Lakewood Engng. Co., Cleveland, O.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.

16018— Trucks (Farm)

Abingdon Wagon Co. ("Abingdon," "Superior," "Model," "Commonwealth," "Sturdy"), Abingdon, Ill.
Advance-Rumely Co. ("Rumely"), La Porte, Ind.
Appleton Mfg. Co. ("Appleton" Metal Wheel, Batavia, Ill.
Chicago House Wrecking Co. of Minn,, Inc. (Portable, Hand & Horse Drawn), 803 Fillmore av, St. Paul, Minn.
Deere John Wagon Works, Moline, Ill.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Elwell-Parker Electric Co., Cleveland, O.
Emerson-Brantingham Co. ("Overland"), Rockford, Ill.
Empire Mfg. Co., Quincy, Ill.
Equipment Mfg. Co., Leader News bldg, Cleveland, O.
Fort Smith Wagon Co., Fort Smith, Ark.
Francis Chas. E. Co., Rushville, Ind.
Gannett Electrical Co., 55 Pine, Providence, R. I.
Gillette Roller Bearing Co., Grand Rapids, Mich.
Graham Bros., Inc., Evansvile, Ind.
Havana Metal Wheel Co., Havana, Ill.
Howe Chain Co., Muskegon, Mich.
International Harvester Company of America (Inc.), ("Columbus," "Buckeye," "Monarch," "Keystone"), Harvester bldg, Chicago, Ill.
Kaysee Co., 519 W Monroe, Chicago, Ill.
Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
King & Hamilton Co., Ottawa, Ill.
Little J. R. Metal Wheel Co., Quincy, Ill.
Michigan Mfg. & Lumber Co., Holly, Mich.
Milburn Wagon Co., Toledo, O.
Northwestern Motor Co., 759 Spring, Eau Claire, Wis.
Pekin Wagon Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Samson Tractor Co., Janesville, Wis.
Steel Truck Co., Howell, Mich.
Tapley Specialty Co., 47 W 34th, New York
Tiffin Wagon Co., Tiffin, O.
Turnbull Motor Truck & Wagon Co. ("Dandy," "Best Yet"), Defiance, O.
Winona Wagon Co., Winona, Minn.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16019-20— Trucks (Feed)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.
Libby C. A. Co., Oshkosh, Wis.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, Ohio
See adv index at end of book

Trucks (Fibre)

See Trucks, Mill

16021— Trucks (Foundry)

Am. Fdry. Equipment Co., 366 Madison av, N. Y.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co. ("Clark"), Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
ELECTRIC WHEEL CO., Station D, Quincy, Ill. ***See adv index at end of book***
Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., Sheffield, plant Three Rivers, Mich.
Fischer & Hays Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Howe Chain Co., Muskegon, Mich.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Lewis-Shepard Co. ("Jacklift" Master Truck), 577 E 1st, Boston, Mass.
See adv index at end of book
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Northern Engineering Works, 210 Chene, Detroit, Mich.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
STANDARD SCALE & SUPPLY CO., LTD., 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Sterling Wheelbarrow Co. ("Sterling" Foundry & Pig Iron), Milwaukee, Wis.
Western Wheelbarrow Mfg Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Niles, Ohio
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

Trucks (Freight)

See Wagons, Freight, Teaming, etc.

16022— Trucks (Galvanized Iron Tank)

Armstrong Truck Co., North Wales, Pa.
Vulcan Mfg. Co., 1200 4th S, Seattle, Wash.

16022a—Trucks (Gasoline Engine)

ELECTRIC WHEEL CO. ("Electric" Steel), Station D, Quincy, Ill.
See adv index at end of book
Empire Mfg. Co., Quincy, Ill.
Little J. R. Metal Wheel Co. (Steel Trucks), Quincy, Ill.
Milwaukee Locomotive Mfg. Co. (Industrial), ft. Belleview pl, Milwaukee, Wis.
Peru Plow & Wheel Co., Peru, Ill.
Wagner Mfg. Co. ("Wagner," 1 to 2½ H. P.), Cedar Falls, Ia.
Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.

Trucks (Gasoline Motor)

For Complete List of Gasoline Motor Trucks see Automobile Builders and Consult References Under That Head

16023— Trucks (Hand)

Howe Chain Co., Muskegon, Mich.
Lakewood Engineering Co., Cleveland, O.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.

16024—Trucks (Hook & Ladder)

American-La France Fire Engine Co. (Extension, etc), Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kans.
Howe Engine Co., Indianapolis, Ind.
Perkins C. N. Co., Lawrence, Mass.
Pirsch, Peter & Co., Kenosha, Wis.
Portland Extension Ladder Co., 130 Orange, Newark, N. J.
Prospect Mfg. Co., Prospect, O.
Seagrave Co., Columbus, O.
South Bend Motor Car Works, South Bend, Ind.
Stewart A. F., Rochester, N. Y.

16025— Trucks (Ice)

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Columbus Iron Works (Combined Portable Hand Hoist & Truck), Columbus, Ga.
Triumph Ice Machine Co. (Combined Portable Hand Hoist & Truck), Oakley, Cincinnati, O.

16025a—Trucks (Industrial)

Industrial Truck Co., Holyoke, Mass.
Koenig Edward L. Co. (Electric), W Kinzie, Chicago, Ill.
Lakewood Engineering Co., Cleveland, O.
Yale & Towne Mfg. Co. (Electric), Dept. H, Stamford, Conn.
Zering Mfg. Co., Oakley, Cinn., O.
See adv index at end of book

16026— Trucks (Ingot)

See also Trucks, Rolling Mill

Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Weimer Machine Works Co., Lebanon, Pa.
Youngstown Steel Car Co., Niles, Ohio

16027— Trucks (Laundry)

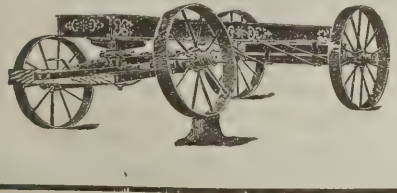
Anderson Box & Basket Co. (& Bakers' etc.), Henderson, Ky.
Armstrong Truck Co. (Canvas or Wood) North Wales, Pa.


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TRUCKS—WHEELS—AXLES

Trucks for mounting all kinds of special machinery, Engines, Mixers, Boilers, Crushers, Compressors, etc., designed and built to suit individual requirements. Trailers for use with Industrial Motor Trucks in factories, warehouses, railway terminals, etc. Also complete line of Farm and Handy Wagons, Contractors' Dump Carts, Log Carts, Log Wagons, Heavy Freighting Cars for team or traction power, Warehouse and Factory Trucks and Wood and Steel Axles. GASOLINE TRACTION ENGINE for plowing, hauling and threshing.





ELECTRIC WHEEL COMPANY
Station D QUINCY, ILL., U. S. A.

TRUCKS (LAUNDRY)—continued
Butler Basket Co. (Slab Bamboo), Butler, Ind.
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*

16027a— Trucks (Library)

Art Metal Construction Co. (Steel), Jamestown, N. Y.
Fairbanks Co., 416 Broome, New York

16028—Trucks (Logging & Lumber)

American Sawmill Machinery Co. (Lumber), Hackettstown, N. J.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Atlas Car & Mfg. Co. Cleveland, O.
See adv index at end of book
Bain Wagon Co., Kenosha, Wis., Cleveland, O.
Chickasaw Mach. & Fdry. Co., Memphis, Tenn.
Clark Geo. P. Co., Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
ELECTRIC WHEEL CO. ("Electric"), Station D, Quincy, Ill.
See adv index at end of book
Empire Mfg. Co., Quincy, Ill.
Fairbanks Co., 416 Broome, New York
Ft. Smith Wagon Co. (Also Teaming), Ft. Smith, Ark.
Glascock Stove & Mfg. Co. (Lumber), Greensboro, N. C.
Grace C. M. & Co., Huntsville, Ala.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
International Harvester Company of America (Inc.), ("Weber"), Harvester bldg, Chicago, Ill.
Janney & Co., Montgomery, Ala.
Kanawha Mfg. Co., Charleston, W. Va.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Kramer Wagon Co., Oil City, Pa.
Lane Mfg. Co., Montpelier, Vt.
Luedinghaus-Espenschier Wagon Co., 1717 N. B'way, St. Louis, Mo.
Luther Frederick P. Co., 14 E Jackson blvd., Chicago, Ill.
Lyon Iron Works, Greene, N. Y.
Michigan Truck & Lumber Co. (Roller Bearing Yard Truck), Holly, Mich.
Milburn Wagon Co., Toledo, O.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pekin Wagon Co., Pekin, Ill.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Ransome Concrete Machinery Co., Dunellen, N. J.
Russel Wheel & Foundry Co. (Logging), Chene Bl. & R. R., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Southern Engine & Boiler Mfg. Co., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Standard Scale & Supply Co., Ltd., 1631 Liberty av, Pittsburg, Pa.
See adv index at end of book
Strait H. N. Mfg. Co., Kansas City, Mo.
Streich A. & Bro. Co., Oshkosh, Wis.
Taylor Iron Works & Supply Co., Macon, Ga.
Towsley John T. Mfg. Co. (Lumber), Cincinnati, O.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16029— Trucks (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept.), 504 Equitable bldg, Wilmington, Del.
Burlington Basket Co. (Rattan & Splint), Burlington, Ia.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Columbus Truck & Supply Mfg. Co. (Doffing & Roving), Columbus, Ga.
Cowan Truck Co., Holyoke, Mass.
Cronkhite Co., Inc. (Fibre), 142 Berkley, Boston, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Bridgeport, Pa.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Morris & Co., Groveville, N. J.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Phila. Drying Machinery Co., 3351H Stokley, Phila., Pa.
ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Fibre), Miller, Somerville, Mass.
Wilson Andrew Co. (Metallic) 1616 Essex, Lawrence, Mass.
See adv index at end of book
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16030— Trucks (Motor)

See also Automobile Builders

Acme Motor Truck Co., Cadillac, Mich.
American Commercial Car Co. ("Wolverine"), Detroit, Mich.
American Machine Co., Newark, Del.
Autocar Co. ("Autocar"), Dept. H, Ardmore, Pa.
Avery Co. ("Avery"), Peoria, Ill.
Babcock H. H. Co. (Undertaker's & Ambulance Bodies), Watertown, N. Y.
Bowling Green Motor Truck Co., Bowling Green, O.
Day-Elder Motors Corp. ("Day-Elder" Worm Driver), 161 Ogden, Newark, N. J.
Dunkle Arthur J. Co. ("Hurlburt"), 50 Church, New York
Duryea Motors, Inc. (½ Ton), Wilmington, Del.
Forschler Motor Truck Mfg. Co. ("Forschler"), 120H N Claiborne, New Orleans, La.
Fulton Motor Truck Co., Webster av, Long Island, N. Y.
General Motor Truck Co. ("G. M. C." ¾-1 Ton, 2 Tons, 3½ Tons & 5 Tons), Pontiac, Mich.
Grant Motor Car Corp. ("Grant"), Cort Rd & Kirby av, Cleveland, Ohio
Hulburt Motor Trucks Co., 2421 3d av, New York
Indiana Truck Co., Marion, Ind.
International Harvester Company of America (Inc.), (International Motor Trucks), Harvester bldg, Chicago, Ill.
International Motor Co. ("Mack," "Saurer" & "Hewitt," from 1500 lbs. to 10 tons' capacity), 262 W 64th New York
Karry Lode Industrial Trucks Co., Long Island City, N. Y.
Kelly-Springfield Motor Truck Co., Springfield, Ohio
Koehler H. J. Motors Corp., Bloomfield, N. J.
Minneapolis Steel & Machy. Co., 2854 Minnehaha av, Minneapolis, Minn.
Muskegon Engine Co., Muskegon, Mich.
Ohio Fageol Motors Co. ("Fageol"), 2539 E 79th, Cleveland, O.
Paige Detroit Motor Car Co. ("Paige"), Dept. H, McKinstry & Fort, Detroit, Mich.
Redden Motor Truck Co., Inc., 2337 S Michigan av, Chicago, Ill.
Saurer Motor Co., 252 W 64th, New York
Selden Truck Corp. ("Selden"), Rochester, N. Y.
Smith Motor Trucks Corp., 2015 Michigan, Chicago, Ill.
Standard Motor Truck Co., 1111 Bellevue av, Detroit, Mich.
Standard Steel Box Co., Bridgeville, Pa.
Sullivan Motor Truck Corp. ("Sullivan"), 1703H East av, Rochester, N. Y.
United States Motor Co. "US", Covington, Ky.
Walker Vehicle Co., State & 87th, Chicago, Ill.
White Co. ("White"), 79th & St. Clair, Cleveland, O.
Wichita Motors Co. ("Wichita"), Wichita Falls, Tex.
Wilson J. C. & Co. ("Wilson"), 15th & Warren, Detroit, Mich.

16031— Trucks (Moving)

Electric Wheel Co. (House), Station D, Quincy, Ill. *See adv index at end of book*
Grover File Co. (A Combination of Independent Rolls & Crowbars for Moving Heavy & Bulky Bodies), Nashua, N. H.
La Plant-Choate Mfg. Co., Cedar Rapids, Iowa

16032— Trucks (Packers')

Armstrong Truck Co., North Wales, Pa.
Baltimore Cooperage Co., The (For Butchers' & Packers'), Ostend & Leadenhall, Baltimore, Md.
See adv index at end of book
Brecht Co., 1201 Cass av, St. Louis, Mo.
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Fairbanks Co. (For Packing Houses), 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Lewis-Shepard Co. ("Jacklift" Master Truck), 577 E 1st, Boston, Mass.
See adv index at end of book
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Smith A. L. Iron Co., Dept. H, Chelsea, Mass.
STANDARD SCALE & SUPPLY CO. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16033—Trucks (Paper Mill)

Armstrong Truck Co., North Wales, Pa.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
Fairbanks Co., 416 Broome, New York
Kantslip Co. (Steel & Wood), Freeport, Mich.
LEWIS-SHEPARD CO. ("Jacklift" Master Truck), 577 E 1st, Boston 27, Mass.
See adv index at end of book
Stuebing Truck Co., W Court, Cincinnati, O.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16033a—Trucks (Patent Leather)

Hamblet & Hayes Co. ("H. & H."), 284 Devonshire, Boston, Mass.

16034— Trucks (Pipe)

Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Youngstown Steel Car Co., Niles, Ohio
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16035—Trucks (Plate Glass)

Fairbanks Co., 416 Broome, New York
National Roll & Foundry Co. (Transfer), Avonmore, Pa.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16036— Trucks (Platform)

Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark G. P. Co., Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Howe Chain Co., Muskegon, Mich.
Koenig Edward L. Co. (Elevating & Lifting), 23 W Kinzie), Chicago, Ill.
Lakewood Engng. Co. (Storage Battery), Cleveland, O.

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1024 Filbert St., PHILADELPHIA, PA,

Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Pressed Steel Truck Co. ("Atlas"), 844 Penna. av, Pittsburgh, Pa.
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.
Victor Truck Co. ("Victor" Hand), Johnsonburg, Pa.
Yale & Towne Mfg. Co. ("Yale" with Electric Power), Stamford, Conn.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16036a— *Trucks (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

16037——Trucks (Printers' Form)

Armstrong Truck Co., North Wales, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Fairbanks Co., 416 Broome, New York
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16038—Trucks (Publishers' Packing)

Armstrong Truck Co., North Wales, Pa.

16039— Trucks (Radiator)

Buell Bros., Fulton, N. Y.
Lansing Co. ("Reynolds"), Lansing, Mich.
Jamestown Car Parts Mfg. Co. ("Jamestown"), Jamestown, N. Y.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16040—Trucks (Roll Paper)

CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co., Windsor Locks, Conn.
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16041—Trucks (Rolling Mill)

See also Trucks, Foundry

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
CHASE FOUNDRY & MFG. CO. THE, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Cowan Truck Co., Holyoke, Mass.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Hockensmith Wheel & Mine Car Co. (Angle Bar), Penns Station, Pa.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Ladel Mfg. Co. ("Ladel"), New Philadelphia, O.
Lansing Co., Lansing, Mich.
Morgan Construction Co., Worcester, Mass.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16042— Trucks (Scoop)

Detroit Scoop Truck Co. (For Handling Sand, Coal & Broken Stone), 2225 Jefferson av, W Detroit, Mich.
Lansing Co. ("Climax"), Lansing, Mich.

Trucks (Sheet Iron)

See Trucks, Rolling Mill

16043-4— Trucks (Slag)

Traylor Engineering & Mfg. Co. (Elliptical Bowl), Allentown, Pa.
See adv index at end of book
Youngstown Steel Car Co., Niles, Ohio

16045-6—Trucks (Steel, Factory, Etc.)

Angle Steel Stool Co., Otsego, Mich.
Art Metal Construction Co. (Coin), Jamestown, N. Y.
Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.
Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Cleveland Wire Spring Co. (Barrel), 1281 E. 38th, Cleveland, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Easton Car & Construction Co., 198 Fulton, New York *See adv index at end of book*
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Globe Vise & Truck Co., Grand Rapids, Mich.
Howe Chain Co., Muskegon, Mich.
Illinois Iron & Bolt Co. ("Hercules" All Steel for Railroad, Mill, etc), Carpentersville, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Library Bureau (Office), 43 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain," 2 & 3 Tray), 190 Chestnut, New Britain, Conn.
Ohio Galvanizing & Mfg. Co., Niles, O.
OVEN EQUIP. & ENGNG. CO. ("Crawford" for Enamelling Ovens), New Haven, Conn. *See adv index at end of book*
St. Louis Truck & Mfg. Co. ("American"), 3200H N Hall, St. Louis, Mo.
Smith A. L. Iron Wks., Dept. H, Chelsea, Mass.
Van Dorn Iron Works Co. (Steel Drying & Bread Trucks), 2700 E 79th, Cleveland, O.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

Trucks (Steel, Gasoline Engine)

See Trucks, Gasoline Engine

16047-8— Trucks (Storage Battery)

Anderson Electric Car Co., Aberle, Detroit, Mich.
Atlantic Elec. Vehicle Co., 893 Frelinghuysen av, Newark, N. J.
Atlas Car & Mfg. Co. (Warehouse, Baggage & Factory), Cleveland, O.
See adv index at end of book
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Bailey & Co., Amesbury, Mass.
Baker R. & L. Co., 2180 W 25th, Cleveland, O.
Beaver Motor Truck Co., Portland, Ore.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Century Mfg. Co., 133 E Canfield, Detroit, Mich.
Champion Wagon Co., Oswego, N. Y.
Commercial Truck Co. of America ("C-T"), 27th & Brown, Phila., Pa.
Cowan Truck Co., Holyoke, Mass.
Dayton Elec. Car Co., Dayton, O.
Elwell-Parker Electric Co., Cleveland, O.
Fritchle Electric Co., Denver, Colo.
Galion Dynamic Motor Truck Co., Galion, Ohio
General Vehicle Co., Long Island City, N. Y.
Grinnell Elec. Car Co., 473 Woodward av, Detroit, Mich.
Healey & Co., 1658 B'way, New York
Hoagland-Thayer Inc., 300 Washington, Newark, N. J.
Industrial Truck Co., Holyoke, Mass.
Karry Lode Industrial Truck Co., 100 Nott av, Long Island City, N. Y.
Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Lakewood Engineering Co. (Platform & Elevating), Cleveland, O.
Lansden Co., 2211 Nostrand av, Brooklyn, N. Y.
Lansing Co., Lansing, Mich.
Mercury Mfg. Co. 4118 S Halstead, Chicago, Ill.
Milburn Wagon Co., Toledo, O.
Moore Sam'l L. & Sons Corp., Elizabeth, N. J.
R. H. Corp., 33 Woodbridge, S., Detroit, Mich.
Sprague Elec. Works, 527 W 34th, New York
Stetson-Ross Mach. Wks., Seattle, Wash.
Walker Vehicle Co., State & 87th, Chicago, Ill.
Ward Motor Vehicle Co., Mt. Vernon, N. Y.
Waverly Co., 139 S East, Indianapolis, Ind.
Woods Motor Vehicle Co., 2500 Cottage Grove av, Chicago, Ill.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.

16049—Trucks (Store, Warehouse & Factory)

Aermotor Co., 2500 W 12th, Chicago, Ill.
Armstrong Truck Co., North Wales, Pa.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
See adv index at end of book
Belcher & Taylor Agl. Tool Co., Chicopee Falls, Mass.
Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
Brown Truck Mfg. Co., Ralston, Neb.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buda Co., Ry. Exch. bldg, Chicago, Ill.
Chaffee Bros. Co., Oxford, Mass.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Wheelbarrow Co. (Grocery & Wheel), Chattanooga, Tenn.
Clark Geo. P. Co., Windsor Locks, Conn.
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Cowan Truck Co., Holyoke, Mass.
Cummings Josiah & Son, ("Hub" Fibre), 657 Atlantic av, Boston, Mass.
Dexter Metal Mfg. Co., (Steel) 93 Arch, Camden, N. J.
Equipment Manufg. Co., Leader-News bldg, Cleveland, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Fox Z. F. & Son ("Fox"), Freeport, Mich.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Globe Vise & Truck Co., Grand Rapids, Mich.
Grand Rapids Hand Screw Co., Grand Rapids,, Mich.
Grote F. Mfg. Co. (Tobacco Factories), Evansville, Ind.
Howe Chain Co., Muskegon, Mich.
Howe Scale Co., Rutland, Vt.
Home Scale Co. of N. Y., 341 B'way, New York
Hubbard Pressed Steel Co., Niles, O.
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.
Interstate Bridge Forge & Mfg. Co., 207 Market, Newark, N. J.
Johnson & Hibbard, Westfield, Mass.
Kantslip Co., Freeport, Mich.
Kelly-Derby Co., Peoples' Gas bldg, Chicago, Ill.
KILBOURNE & JACOBS MFG. CO., Columbus, Ohio
See adv index at end of book
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Ladel Mfg. Co. ("Ladel"), New Phila., O.
Lakewood Engineering Co., Cleveland, O.
Lansing Co. ("Reynold's Improved"), Lansing, Mich.
LEWIS-SHEPARD CO. ("Jacklift" Master Truck), 577 E 1st, Boston, Mass.
See adv index at end of book
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Michigan Truck & Lumber Co., Holly, Mich.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Norwich Wire Works, Norwich, N. Y.
Nutting Truck Co., Fairbault, Minn.
Omaha Folding Machine Co., Omaha, Nebr.
Packer Thos. ("Bristol's"), Union City, Conn.
Peck C. A. Hardware Co. (Automatic), Berlin, Wis.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Rowe Henry Mfg. Co., Newaygo, Mich.
St. Louis Truck & Mfg. Co. ("American"), 3200H N Hall, St. Louis, Mo.
Schriver O. P. & Co. ("I. X. L."), 621 E Pearl, Cincinnati, O.
Smith A. L. Iron Wks, Dept. H, Chelsea, Mass.
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard" Pressed Steel), 1631 Liberty av, Pittsburgh, Pa.
See adv index at end of book
Sterling Wheelbarrow Co., Milwaukee, Wis.
Streich A. & Bro. Co., Oshkosh, Wis.
Swift Mfg. Co., Waterloo, Ia.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Towsley John T. Mfg. Co., Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Westbrook Elevator Mfg. Co., Danville, Va.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Yale & Towne Mfg. Co. ("Yale"), Stamford, Conn.
ZERING H. MFG. CO., B. & O. Ry. & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16050— Trucks (Stove)

Arcade Mfg. Co. ("Baltzy" Steel, "Standard" Adjustable & "Perfect" Steel), Freeport, Ill.
Chicago Hardware Foundry Co. ("Harper Handy"), 546 W Washington, N Chicago, Ill.
Clark George P. Co., Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
Hill C. V. & Co., Trenton, N. J.
Howes S. M. Co., 42 Union, Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Mersick C. S. & Co., New Haven, Conn.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Tucker & Dorsey Mfg. Co. ("Daisy"), Indianapolis, Ind.
Universal Caster & Foundry Co. ("Universal" Ball Bearing), 574 Ferry, Newark, N. J. See The Bassick Co., Bridgeport, Conn.

TRUCKS (STOVE)—continued
Western Wheelborraw Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Zering H. Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, O.
See adv index at end of book

16051— *Trucks (Tote Box)

Ohio Mfg. Co., P. O. Box 136, Painesville, Ohio *See adv index at end of book*

16051a—*Trucks (Tractor, Gasoline)

Knox Motors Co. ("Knox"), Springfield, Mass.

16051b— Trucks (Trailers, Automobiles)

Auto-Kamp Equipment Co., Saginaw, Mich.
Fairbanks Co., 416 Broome, New York
Kilbourne & Jacobs Mfg. Co., Columbus, O.
See adv index at end of book
Lee Trailer & Body Co. ("Lee" pole, pipe & non reversible), 2343 S La Salle, Chicago, Ill.

16051c— Trucks (Trailer, Storage Battery)

Fairbanks Co., 416 Broome, New York
Yale & Towne Mfg. Co., Dept. H, Stamford, Conn.

16051d— *Trucks (Transfer)

Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book

Trucks (Transfer, Handle-Elevated)

See Trucks, Automatic Loading

16052— Trucks (Triangular)

Fairbanks Company, 416 Broome, New York

16052a—*Trucks (Two Wheel, etc.)

KILBOURNE & JACOBS MFG. CO. (Also Four Wheeled), Columbus, O.
See adv index at end of book

16053-4—Trucks (Varnish Kettle)

Frelinger J. G. Iron Works, (Roller Bearing), 115 W 2nd, Cincinnati, O.
Littleford Bros., 444 E Pearl Cincinnati, O.
Ohio Machine & Boiler Co., 1510H University rd, Cleveland, O.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.

Trucks (Warehouse)

See Trucks, Store, Factory & Warehouse

16055—Trucks (Wire Mill)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bates Machine Co., Joliet, Ill.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
Cowan Truck Co., Holyoke, Mass.
Fairbanks Co., 416 Broome, New York
Morgan Construction Co., Worcester, Mass.
Plimpton Truck Co. ("Plimpton"), Stamford, Conn.
Vaughn Machinery Co., Cuyahoga Falls, O.
See adv index at end of book
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Youngstown Steel Car Co., Niles, Ohio

Truers (Grindstone)

See Grindstone Truing Devices

16056— Trumpets (Fire)

Braxmar C. G. Co. (Dealers), 10 Maiden la, New York
Cairns & Bro., 186 Lafayette, New York
International Silver Co., Meriden, Conn.
Porter Co. (Also Ship & Deck), 241 Water, New York

16057— Trunk Mfrs.

See also Traveling Bags & Suit Cases

ALABAMA.

BIRMINGHAM—Birmingham Trunk Factory
Gilbert Trunk Factory

ARKANSAS.

LITTLE ROCK—Waldenberger Harness & Trunk Co.

ARIZONA.

PHOENIX—Doster S. J.

CALIFORNIA.

LOS ANGELES—Burroughs-White Trunk Co.
Los Angeles Telescope Co.
Mission Trunk Factory.
SACRAMENTO—Longshore James
SAN DIEGO—San Diego Trunk & Bag Co.
SAN FRANCISCO—Hirschfelder & Meaney, 519 Market
Malm C. A. & Co., 2199 Folsom
Pacific Trunk & Bag Co., 533 Market

COLORADO.

DENVER—Dewar Bros.
Meek A. E. Trunk & Bag Co.
Shwayder Trunk Mfg. Co.

DELAWARE.

WILMINGTON—Delaware Hard Fibre Co.
See adv index at end of book

GEORGIA.

ATLANTA—Ashford Trunk & Bag Co.
Footes Trunk & Bag Factory
AUGUSTA—Augusta Trunk Factory
SAVANNAH—Chatham Trunk Factory

ILLINOIS.

BLOOMINGTON—Ruh Geo. W.
CHICAGO—Abrams Trunk Co., 1234 W Chicago av
American Trunk & Case Co., 29 S Wells
Becker P. & Co., 333 W Monroe
Dick J. H., 645 W. Madison
Fiberoid Trunk Works, 4621 B'way
Fitzgerald Trunk Co. (Sample, Sole Leather), 1214 Wells
Fleig L. L. & Co., 212 W Austin av
See adv index at end of book
Hartmann Trunk Co., 626 S Michigan av
Haskell Bros. (Sample), 165 N Green
Kuntzendorf C. & Co., 160 W Van Buren
Lazar & Lazarus, 1230 S Jefferson
McNamara J. H. Trunk Co., 109 W Monroe
Schuessler Wm., 12 N Market
Stone Bros. & Co., 1501 Polk
Taylor C. A. Trunk Works, 28 E Randolph
Welck Martin Co., 1623 S Ashland av
Wilt Chas. T., 173 W Madison
DECATUR—Decatur Trunk Factory
PEORIA—Peoria Trunk Factory
QUINCY—Gem City Trunk Mfg. Co.

INDIANA.

EVANSVILLE—Evansville Trunk Co.
KOKOMO—Kokomo Trunk Co.
MISHAWAKA—National Veneer Products Co. ("Indestructo")

IOWA.

BURLINGTON—Jacoby J. H. & Co.
DUBUQUE—Enzler Jos. A.
SIOUX CITY—Anthony D. S.

KANSAS.

WICHITA—Wichita Trunk Co.

KENTUCKY.

LOUISVILLE—Dufficy Thos. & Co.
Laub Bros.

LOUISIANA.

NEW ORLEANS—Crescent Trunk Co., (Ltd.), 311 Girod
Duffy Trunk Co. (Ltd.), 141 Baronne
Mack Trunk Co. (Ltd.), 157 Baronne
New Orleans Trunk & Bag Co., 414 Carondelit
SHREVEPORT—Kidd Russ Trunk & Bag Co.

MAINE.

BANGOR—Parkhurst J. F. & Son Co.
PORTLAND—Brackett J. L. & Co.

MARYLAND.

BALTIMORE—Gorman Chas. B., 329 N Howard
Gorman Chas. B., 329 N Howard
Prager Geo., 115 W Pratt
Richards Trunk Mfg. Co., 200 W Mulberry
Tuerke Baggage Builder, 212 W Lexington

MASSACHUSETTS.

BOSTON—Bowker Bros. (Fibre Trunks & Cases), 11 Columbia
Cummings Josiah & Son (Rawhide Vulcanized Fibre), 657 Atlantic av
Cutter & Cutter, 95 Bedford
New England Trunk Co., 26 Chauncy
Rogers Fibre Co. ("Leatheroid"), 121 Beach *See adv index at end of book*
Winship W. W., 71 Summer
LOWELL—Devine P. F.
WEST SOMERVILLE—Horton & Hubbard Mfg. Co.
Reed Edward E. Co.
WESTBORO—Westboro Trunk & Bag Co.
WESTFIELD—Crane Brothers (Limenoid)

MICHIGAN.

DETROIT—Kittle H. M. & Co., 197 Jefferson av
Maier Martin & Co., 102 Woodward
Tuttle & Clark, 187 E Jefferson
Wedell & Boers, 157 Jefferson av
GRAND RAPIDS—Grand Rapids Trunk Co.
Groskopf Brothers
SAGINAW—Lieberman Trunk Co.
WYANDOTTE—Beals & Selkirk Trunk Co. (Leather)

MINNESOTA.

DULUTH—Duluth Trunk Co.
MINNEAPOLIS—Barnum Trunk Co., 804 Nicollet av
Deppe A. H. Co., 213 S 7th
Flour City Trunk Co., 115 2d av, S E
Lorenz Wm. Trunk Wks Inc., 212 Marquette av
Northwestern Trunk Co., 248 Nicollet av
ST. PAUL—Bisenius G. L. Trunk Co., 360 Jackson
Garland F. V. Co., 42 E 6th

MISSOURI.

KANSAS CITY—Books Trunk Co., 19 E 8th
Excelsior Trunk Co., 606 Delaware
Jensen Trunk Factory, 102 W 9th
Luce Trunk Factory, 1026 Maine
National Trunk Co., 110 W 9th
Nuss & Moore Trunk Co., 1408 Walnut
ST. JOSEPH—Heumader Chris, 1302 Water
ST. LOUIS—Horn T. L. Trunk Co., 1101 Washington
Murphy P. C. Trunk Co., 13th & Papin
Quirk James A. Trunk Co., 1228 Olive
St. Louis Basket & Box Co., Wharf & Penrose

NEBRASKA.

OMAHA—Eggerss-O'Flyng Co.
Freling & Steinle
Omaha Trunk Factory

NEW JERSEY.

NEWARK—Bal Wm. Co., 14 Johnson
Goldsmith L. & Son (Wardrobe) Canal & Cherry
Khin Trunk & Bag Co., 215 Bergen
National Trunk & Bag Co., 86 S Orange av,
Rauchbach-Goldsmith Co., St. Francis & Komar
Steiger P. Trunk & Bag Co., 637 Broad
PATERSON—Wetzel John F., 52 Washington

NEW YORK.

BUFFALO—Bingham Trunk Co., 39 Mechanic
Buffalo Trunk Mfg. Co.
CORTLAND—Newton W. H. & Son
NEW YORK—Abramovitz & Schwarts, 195 Wooster
Ajax Trunk & Sample Case Co. (Suit Case Trunks, Sample Cases, etc), 150 W 18th
Bears B., 1048 3d av
Berg Auto Trunk & Spec. Co., 400 Lafayette
Berner & Freedman, 452 B'way
Casey Trunk Co., 224 W 35th
Crouch & Fitzgerald, 177 B'way (Sample, Sole Leather)
Fiberide Sample Trunk Co., 252 Lafayette
Fibre Sample Case & Trunk Co., 535 B'way
Fishbein Bros., 85 Mercer
Heaton & Vierling, 21 W 3d
Innovation Trunk Co., 3 Canal pl
Laks & Zucker, 386 W B'way
Leatheroid Mfg. Co., 45 W 16th
Lercher A., 435 Broome
Lissa Hy. & Co., 595 B'way
Manhattan Trunk Box Factory, 505 E 18th
Newark Trunk Co., 11 W 42d
Oichman S. Trunk Co., 29 Howard
Pinkosowitz Abraham, 113 Second
Standard Trunk Mfg. Co., 535 B'way
Taylor C. A. Trunk Works, 210 W 44th
United Automobile Trunk Co., 343 W 26th
Wellen M. & Son, 83 Wooster
PATCHOGUE—Patchogue Trunk Works
ROCHESTER—Likly Henry & Co. (Wardrobe, Sample, etc)
Zelter Harry L.
SYRACUSE—Syracuse Trunk Co.
UTICA—Faber H. C. & Son Co. (Fibre Sample Trunks),
Winship W. W. & Sons Co.

OHIO.

CANTON—Canton Trunk Co.
CINCINNATI—American Trunk Co., 1039 Central av
Drucker & Co. (Sample), 6 W 4th
Mendel, Drucker Co., 708 Walnut
Menzel Trunk Co., 902 Main
CLEVELAND—Cleveland Trunk Co., 1317 Euclid av
Engelhart Trunk Co.
Faber Jacob, 1955 E 9th
Feigenbaum Trunk & Bag Co., 1272 W 6th
Galvanized Products Co., 8410 Lake av
Likly & Rockett Trunk Co., 1365 Euclid av
COLUMBUS—Hughes Jno. R. & Co., 40 N High
Stallman F. A. (Dresser), 57 E Spring Spring

Boiler Tubes from Warehouse Stock

Straight or Bent—For All Types of Boilers
Pipe Bends—Conduit Elbows and Couplings

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NORWOOD—Mendel-Drucker Co.
TOLEDO—Duguid Jno. B., Prospect av & M C R R
Wilmington & Co.

OREGON.

PORTLAND—Harris Trunk Mfg. Co., 130 6th
Multnomah Trunk & Bag Co. (Leather), 34 E Water
Portland Trunk Mfg. Co., 60 3d

PENNSYLVANIA.

KENNETT SQUARE—Fibre Specialty Mfg. Co. (Fibre Sample Trunks)
PHILADELPHIA—Arata & Co., 118 S 13th
Bains G. B. & Son, 1028 Chestnut
Belber Trunk & Bag Co., 1641 N Hancock
Cramer & Sherr 429 E. Moyer
Deveney J. B. & J., 126 N 16th
Heller Samuel, 345 N 2d
McQuinn Robert & Co., 23 S. 8th
Rangnow & Hall (Inc.), 67 Laurel
Regenbogen Philip, 736 South
Rhode Brothers, 1212 Passyunk av
Seafried Bros., 2811 Girard av
Seitz J. H. & Son, 414 Brown
Simons & Co. (Carpet), 700 Arch
Weintraub Jos., 1037 S 4th
PITTSBURGH—American Trunk & Bag Co., 109 Federal
B. B. & B. Trunk Co., Ohio & Sandusky
Haines Geo. S. Co., 610 Wood
Kleber Trunk Co., 2308 Josephine
Penn Trunk Co., 82 Washington
Pittsburgh Trunk Co., 1041 Gibbon
Sharon Trunk Co., 1625 5th av

RHODE ISLAND.

PROVIDENCE—Providence Trunk Co., 457 Westminster

TENNESSEE.

KNOXVILLE—Beaman Trunk Co.
Whittle Trunk & Bag Co.
MEMPHIS—Ferguson G. B., McCall bldg
Mack Trunk Co.
NASHVILLE—Ewing & Hooper
Fibre Trunk & Case Co.
Nashville Trunk & Mfg. Co.
White Trunk & Bag Co.

TEXAS.

DALLAS—Pollack Henry Trunk Co.
Wilkins Trunk Mfg. Co.
GALVESTON—John R. H. Jr.
WACO—South Bros. Trunk Co. ("South Bros. Guarantee Baggage"), 2025-29H Franklin

VIRGINIA.

PETERSBURG—Petersburg Trunk & Bag Co.
Rogers & Madison
Seward Trunk & Bag Co.
Totty Trunk & Bag Co.
Virginia Trunk & Bag Co.
RICHMOND—Rountree H. W. & Bro.
Union Trunk & Bag Co.

WASHINGTON.

SEATTLE—Butterfield Trunk Co.

WISCONSIN.

EAU CLAIRE—Eau Claire Trunk Co.
GREEN BAY—Green Bay Trunk & Bag Co.
MILWAUKEE—Abel & Bach Co. (Sole Leather)
Barth James H., 449 E Water
Burroughs Geo. & Sons, 424 E Water
Carpeles Co., 1000 St. Paul av
Kamlee Co. (Auto), 448 E. Water
Schoen & Walter Co., 762 11th
Western Grip & Trunk Co., 791 30th
OSHKOSH—Bauer Trunk & Bag Co.
Oshkosh Trunk Co.
Schmit Trunk & Bag Co.
RACINE—Hartmann Trunk Co.
Racine Trunk Co.
Secor M. M. Trunk Co. (Sample, Toy, Sole Leather)

16057a—*Trunk (Wardrobe, Fixtures)

Parsons Specialty & Machine Works (Also Trolley), 2427 N 4th, Phila., Pa.

16058—Trunk & Bag Trimmings

See also Hardware Manufacturers, Trunk & Bag

Graton & Knight Mfg. Co. (Leather Handles, Straps, Corners, Loops, etc), Worcester, Mass.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Schlegel Mfg. Co. (Automobile), Rochester, N. Y.

16059—Trunks (Automobile)

Abel & Bach Co., Milwaukee, Wis.
Ajax Trunk & Sample Case Co. ("Ajax"), 150 W 18th, New York
Bal William Co. ("Bal Built"), Newark, N. J.
Berg Auto Trunk & Specialty Co. ("Bergrade"), 400 Lafayette, New York
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Boyle Jno. & Co., 112 Duane, New York
Cutter & Cutter, 95 Bedford, Boston, Mass.
Eau Claire Trunk Co., Eau Claire, Wis.
Eifert Paul, Grand Rapids, Mich.
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fuller G. W. Co. ("Fuller"), Hartford, Conn.
Goldsmith L. & Son, Canal & Cherry, Newark, N. J.
Hartmann Trunk Co., Racine, Wis.
Headley & Farmer Co., Newark, N. J.
Kamlee Co. ("Kamlee"), 448 E. Water, Milwaukee, Wis.
Kronauer Chas. & Co. ("Kronauer's"), 844 Fulton, Chicago, Ill.
Likly Henry & Co., Rochester, N. Y.
McDonald Alexander, 15 Beacon, Boston, Mass.
McKane-Lins Co., 81 Wisconsin, Milwakkee, Wis.
Mendel-Drucker Co., Floral & Park, Cincinnati, Ohio
Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.
Nathan Novelty Mfg. Co. ("Nathan"), 55-5th, New York
New England Trunk Co., 26 Chauncey, Boston, Mass.
Newton W. H. & Son, Cortland, N. Y.
Niagara Auto Radiator Co., 151 W 63th, New York
Planet Co. ("Duplex" Folding), Westfield, Mass.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Ruch Automobile Top Co., Mt. Vernon, N. Y.
Sage Trunk Co., 134 Summer, Boston, Mass.
Seitz J. H. & Son, 414 Brown, Philadelphia, Pa.
Simon S. C. & Co. ("S. C. S. Luggage"), 404 Brown, Phila., Pa.
Stallman F. A., 57 E Spring, Columbus, O.
Taylor C. A. Trunk Works ("Taylor Made"), 28 E Randolph, Chicago, Ill.
Tuttle & Clark ("Blue Ribbon Quality Brand"), 187 E. Jefferson, Detroit, Mich.
Warren Leather Goods Co., Worcester, Mass.
Wilt Chas. T., 173 W Madison, Chicago, Ill.
Winship W. W., 71 Summer, Boston, Mass.
Winship W. W. & Sons Co., Utica, N. Y.
Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

16060— Trunks (Automobile Tire)

Ajax Trunk & Sample Case Co., 150 W 18th, New York
Berg Auto Trunk & Specialty Co. ("Bergrade"), 400 Lafayette, New York
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fuller G. W. Co. ("Fuller"), Hartford, Conn.
Goldsmith L. & Son ("G. & S. Neverbreak"), Cherry, Newark, N. J.
Kamlee Co. ("Kamlee"), 448 E Water, Milwaukee, Wis.
McDonald Alexander, 15 Beacon, Boston, Mass.
Milwaukee Auto Specialty Co. ("Mason"), 711 Chestnut, Milwaukee, Wis.
Nathan Novelty Mfg. Co., ("Nathan"), 55-5th, av, New York
Sage Trunk Co., 134 Summer, Boston, Mass.
Simon S. C. & Company ("S. C. S. Luggage"), 404 Brown, Phila., Pa.
Stallman F. A., 57 E Spring, Columbus, O.
Taylor C. A. Trunk Works ("Taylor Made"), 28 E Randolph, Chicago, Ill.
Warren Leather Goods Co., Worcester, Mass.
Welch & Suthergreen Co. ("Amphi"), Fitchburg, Mass.
Winship W. W., 71 Summer, Boston, Mass.
Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

16061— Trunks (Wardrobe)

Kleber Trunk Co., 2308 Josephine, Pittsburgh, Pa.
Murphy P. C. Trunk Co., 13th & Papin, St. Louis, Mo.
Rogers Fibre Co. (Leatheroid Mfg. Co.) ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

16061a— *Trunks & Suit Cases (Sample Fibre)

ROGERS FIBRE CO. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book

16062—Tryers (Butter & Cheese)

Burrell D. H. & Co., Little Falls, N. Y.
Landers, Frary & Clark (Cast Iron), New Britain, Conn.

16063— Tryers (Ham)

American Cutlery Co., 764 Mather, Chicago, Ill.
Osborne C. S. & Co., Box 183, Newark, N. J.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Stroh Steel Hardening Process Co., Pittsburgh, Pa.
Vaughan & Bushnell Co., 2114 Carroll av, Chicago, Ill.

16064— Tryers (Tallow)

Emrich Phil. (For Tanners), 824 Main, Cincinnati, O.

16065— Tube Mill Linings

Abbe Paul O. Inc., 924 Johnston bldg, New York. *See adv index at end of book*
ABBE ENGINEERING CO., 50G Church, New York. *See adv index at end of book*
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Stroh Steel Hardening Process Co., 1st National Bank bldg, Pittsburgh, Pa.

16066—Tubes (Arch & Stay)

National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
Weinhagen & Hespe, 159 Leonard, New York

Tubes (Asbestos)

See Tubing, Asbestos Braided

16066a—Tubes (Barometer)

Corning Glass Works, Corning, N. Y.

16067— Tubes (Boiler)

See also Pipe & Tube Mills

Allegheny Steel Co. ("Reliance," Charcoal Iron & Steel), Oliver bldg, Pittsburgh, Pa.
AMERICAN TUBE & PIPE BENDING CO. (THE), 880 E 72nd, Cleveland, O.
See adv index at end of book

TUBES, BOILER—continued
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Boiler Tube Co. of America, 1228 Park bldg, Pittsburgh, Pa.
See adv index at end of book

BOILER TUBE CO. OF AMERICA
1228 Park Building, Pittsburgh, Pa.
Curved tubes for Stirling, Ladd, Erie City, Badenhausen, Rust and all other vertical water tube boilers furnished promptly.
Works: CARNEGIE, PA.

Castle A. M. & Co. (Lap-Weld & Seamless), 715 N. Morgan, Chicago, Ill.
CHICAGO BOILER TUBE CO., 190 N. State, Chicago, Ill.
CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W. 6th, Cleveland, Ohio
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Delaware Seamless Tube Co. (Seamless Steel), Auburn, Pa.
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel), Warren & Wyoming, Detroit, Mich.
Fisher C. W., 52H B'way, New York
FOSTER MFG. & SUPPLY (Lap Weld, Seamless & Charcoal Iron), 20th & Venango, Phila., Pa.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Globe Seamless Steel Tubes Co. (Seamless Cold Drawn Steel), Peoples Gas bldg, Chicago, Ill.
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Hungerford U. T. Brass & Copper Co., (Cold Drawn) 80 Lafayette, New York
Ivins Elwod Tube Wks., Oak Lane Sta., Phila. Pa.
Keating E. F. Co. (Iron & Steel), 446 Water, New York
LARKIN J. K. & CO., 253 B'way, New York. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Mark Mfg. Co. (Lap Welded), Evanston, Ill.; Works: Zanesville, O.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Monongahela Tube Co. (Iron & Steel), Ferguson bldg, Pittsburgh, Pa.
Nason Mfg. Co. (Jobbers), 71 Fulton, New York
National Tube Co. ("National," Spellerized Lap-Welded Steel, "Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
Pa. Boiler Works, Erie, Pa.
Parkesburg Iron Company (Charcoal Iron), Parkesburg, Pa.
Pennsylvania Boiler Works, Export Dept, 43 Cedar, New York
Pittsburgh Steel Products Co. (Seamless Steel), Frick bldg, Pittsburgh, Pa.
Reading Iron Co. (Wrought Iron, Charcoal Iron), Reading, Pa.
Rome Metal Products Co., Inc., 150 Nassau, New York
Ryerson Joseph T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Scott, Suyden & Lamont, Monadnock bldg, San Francisco, Cal.
Soule Edw. L. Co. (Iron & Steel, Products of all kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Spang, Chalfant & Co. (Butt & Lap Welded Wrought Iron & Steel), Union Bank bldg, Pittsburgh, Pa.
Tyler Tube & Pipe Co. (Lap Welded, Knobled Charcoal Iron & Algerite Iron Special), Washington, Pa.
Walsh & Weidner Boiler Co., Dept H, Chattanooga, Tenn.
WILLIAMS & CO. INC. (Charcoal, Iron, Lap Welded Steel, Seamless Steel), 901-937 Pennsylvania av, N. S. Pittsburgh, Pa. *See adv index at end of book*

WILLIAMS & CO. INC.
PITTSBURGH, PA.

16067a—*Tubes (Boiler Bent)
AMERICAN TUBE & PIPE BENDING CO., 880 E. 72nd, Cleveland, O.
See adv index at end of book
BOILER TUBE CO. OF AMERICA, 1228 Park bldg, Pittsburgh, Pa.

16068— Tubes (Bottle)
Aldrich Mfg. Co., Buffalo, N. Y.
Ray Geo. A. Mfg. Co. (Silvered), Buffalo, N. Y.
St. Louis Paper Can & Tube Corp. (Fibre), St. Louis, Mo.

Tubes (Brass)
See Tubing, Brass & Copper

Tubes (Carbon)
See Carbon Mfrs.

16069— Tubes (Collapsible)
Bond Mfg. Co. ("Bond Crown" Metal), Wilmington, Del.
Consolidated Fruit Jar Co. (Plain & Decorated), New Brunswick, N. J.
NATIONAL CAN CO., Detroit, Mich.
New England Collapsible Tube Co. (Tin), New London, Conn.
Peerless Tube Co. (Tin), Bloomfield, N. J.
STANDARD SPECIALTY & TUBE CO., New Brighton, Pa.
United American Metals Corp., 192 Diamond, Brooklyn, N. Y.
Western Aluminum Co., 180 N Dearborn, Chicago, Ill.
Wheeling Stamping Co. (Pure Tin & Pure Lead, Plain or Decorated), Wheeling, W. Va.
White Metal Mfg. Co. (Tin, Tincoated Lead, Plain & Decorated), 1006H Clinton, Hoboken, N. J.
Wirz A. H. Inc., Chester, Pa.

16069a— Tubes (Combustion)
Baker & Co., Inc., 54 Austin, Newark, N. J.
Elmer & Amend, 205-3rd av, New York
Thermal Syndicate, Ltd., 50 E. 41st, New York

16069b— Tubes (Condenser)
AMERICAN BRASS CO., (Brass & Admiralty) Waterbury, Conn.
For branch offices see adv index at end of book
BALTIMORE TUBE CO., Baltimore, Md.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book

16069c— Tubes (Cooling)
Stevens Bros. 85 Liberty, New York.
Therma Syndicate, Ltd., 50 E. 41st, New York

Tubes (Copper)
See Tubing, Brass & Copper

16069d— Tubes (Draft)
Stevens Bros, 85 Liberty, New York

16070— Tubes (Fibre)
Delaware Hard Fibre Co. (Fibre), Wilmington, Del.
See adv index at end of book
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
See adv index at end of book

16071— *Tubes (Flashlight)
Delaware Hard Fibre Co., Wilmington, Del.
See adv index at end of book

16072— Tubes (Fuse)
BRANDYWINE FIBRE PRODUCTS CO., East Wilmington, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Hard Fibre for Enclosed Fuses), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Mikesell Bros., 156 N La Salle, Chicago, Ill.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, O. *See adv index at end of book*
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.

16073—Tubes (Grain Drill)
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Sharon Steel Hoop Co. (Pressed Steel), Sharon, Pa.
YOUNGSTOWN PRESSED STEEL CO., Warren, O. *See adv. index at end of book*

16074— Tubes (Graphite)
Acheson Graphite Co., Niagara Falls, N. Y

16075—Tubes (Gravity Carrier)
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
National Tube Co., Frick bldg, Pittsburgh, Pa.

16076— Tubes (Gun)
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Schoverling, Daly & Gales (Dealer), 302 B'way, N. Y.
Tryon Edw. K. Co., 611 Market, Phila., Pa.

16077— Tubes (Igniting)
Hough Chas. N. Mfg. Co. (Nickel Alloy for Gas Engines), Franklin, Pa.
WILLIAMS & CO., 901-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

16078—Tubes (Inner Automobile)
American Tire & Rubber Co., Akron, O.
Archer Tire & Rubber Co. ("Archer" Grey), 711 15th av N E, Minneapolis, Minn.
Century Plainfield Tire Co. ("Century"), North av, Plainfield, N. J.
Columbia Tire & Rubber Co., Mansfield, O.
Continental Rubber Works ("Vitalic"), Erie, Pa.
Corona Rubber Mfg. Co., 400 E Rittenhouse, Philadelphia, Pa.
Dreadnaught Tire & Rubber Co. ("Super-Dreadnaught"),Eager & 5th, Baltimore, Md.
Falls Rubber Co. ("Evergreen"), Cuyahoga Falls, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gordon Tire & Rubber Co., Canton, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hardman Rubber Cork, New Brunswick, N. J.

BOILER TUBES
LAP WELDED STEEL CHARCOAL IRON SEAMLESS STEEL
Prompt Warehouse Shipment
WILLIAMS & CO., Inc.
901-937 Pennsylvania Ave. N. S., Pittsburgh, Pa.
Distributors of Shelby Tubing for Western Penna. and West Va.
Nickel Monel Metal Brass

Howe Rubber Co., New Brunswick, N. J.
Ideal Tire & Rubber Co., Warner rd, Cleveland, Ohio
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Keystone Rubber Mfg. Co. ("Keystone," "Mooray"), Erie, Pa.
Kokomo Rubber Co., Kokomo, Ind.
Lee Tire & Rubber Co. ("Lee"), Conshocken, Pa.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
McLean Tire & Rubber Co., East Liverpool, Ohio
Mansfield Tire & Rubbebr Co. ("Mansfield" & "Ohio"), Mansfield, O.
Mason Tire & Rubber Co., Kent, Ohio
Mattson Rubber Co., Lodi, N. J.
McLean Tire & Rubber Co., East Liverpool, Ohio
Michelin Tire Co. (Red), Milltown, N. J.
Mississippi Valley Rubber Co. ("Mississippi"), Iowa City, Iowa
Mohawk Rubber Co., Akron, O.
Monarch Tire Co., Hartville, Ohio
National Rubber Co. ("Special Red," "Pure Gum Gray"), Pottstown, Pa.
New Jersey Car Spring & Rubber Co. ("Wemaka"), 91 Brunswick, Jersey City, N. J.
Parker-Stearns & Co. ("Alpha" Pure Red Rubber), 286 Sheffield, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Perfection Tube Co., Painesville, O.
Republic Rubber Corp., Dept H, Youngstown, O.
Rubber Products Co. ("Stronghold"), Barberton, O.
Semple Rubber Co. ("Semco"), Trenton, N. J.
Standard Tire & Rubber Mfg. Co., Willoughby, Ohio
Thermoid Rubber Co. ("Thermoid," "Testoid" & "De Luxe"), Trenton, N. J.
Trent Rubber Co., Trenton, N. J.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.
Victor Rubber Co., Springfield, Ohio
Vulcan Rubber Co., Erie, Pa.
Western Rubber Co., Goshen, Ind.
Yale Tire & Rubber Co. ("Yale"), New Haven, Conn.

16079—Tubes (Inner Bicycle)

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Pennsylvania Rubber Co., Jeannette, Pa.

Tubes (Insulating)

See Insulators; also Conduits

Tubes (Iron Lined)

See Tubing, Iron Lined

16080-1—Tubes (Mailing, Etc.)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Bennett Paper, Can & Tube Co., 291 10th, San Francisco, Cal.
Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Brown Co. (Laminated One Inch To Four Inch Inside Diameter), Portland, Me.
Brown Jas. Jr. (Paper & Worsted Tubes & Cones), Ring & Main, Phila., Pa.
Chicago Mailing Tube Co., 425 S Hoyne av, Chicago, Ill.
Chicago Paper Tube & Can Co. (Paper for Mailing, Electrical Purposes, etc), 168 W May, Chicago, Ill.
Cumberland Valley Paper Box Co., Hagerstown, Md.
Detroit Paper Tube & Can Co., Ltd. (Mailing, Tin End Cans, etc), 26 Griswold, Detroit, Mich.
Eagle Envelope Co. (For Parcel Post), 431 S Dearborn, Chicago, Ill.
Elastoid Fibre Co. ("Elastoid" Paper), Waltham, Mass.
Empire Paper Tube & Box Co., 155 Bank, New York
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Hoffman J. C., Inc., 2595-3rd av, New York
International Mailing Tube & Wrapper Co., 212 Concord, Brooklyn, N. Y.
Kern & Son, 409 Pearl, New York
Lindley Box & Paper Co., Marion, Ind.
Lincoln Paper Co., Lincoln, Nebr.
Lowell Paper Tube Corp., Lowell, Mass.
McCreary Mfg. Co., Erie, Pa.
Mail Wrapper-Tube Co., 162 E 118th, New York
Metal Package Corp. of N. Y., 509 5th av, New York *See adv index at end of book*
Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.
National Paper Products Co. (Plain), 1789H Montgomery, San Francisco, Cal.
Pull The String Mailing Wrapper Co., 18 E Kinzie, Chicago, Ill.
Ritchie W. C. & Co., 400 S Green, Chicago, Ill.
Rochester Paper Products Co., Rochester, N. Y.
St. Louis Paper Can & Tube Corpn., St. Louis, Mo.
St. Louis Tissue & Mfg. Co., 2417 Chauteau av, St. Louis, Mo.
Seeley Tube & Box Co., 344 Central av, Newark, N. J.
Shryock J. K., 301H N. 2nd, Phila., Pa.
Thames River Specialties Co., Uncasville, Conn.
Thompson & Norris Co., The, 212 Concord, Brooklyn, N. Y.
Union Paper Co. (Also Cans, Boxes, etc), 344 Washington, New York
Ware Co., 50 Watts, New York
Wilson Wyle T., 1151 N 3d, Phila., Pa.

Tubes (Metal Collapsible)

See Tubes Collapsible

16082— Tubes (Mica)

American Mica Products Co.,32 N Dearborn, Chicago, Ill.
CHICAGO MICA CO. (All Grades in Round, Square & Hexagonal Shapes), Valparaiso, Ind.
See adv index at end of book
Macallen Co., 16 Macallen, So. Boston, Mass.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
See adv index at end of book
Mica Mfg. Co., 135 Johnson, Brooklyn, N. Y.
New England Mica Co., Waltham, Mass.
Products Mica Co., 32 N Dearborn, Chicago, Ill.

16083— Tubes (Milking)

Pilling Geo. P. & Son Co., 23d & Arch, Phila., Pa.

16084—Tubes (Motor Cycle)

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

16084a— Tubes (Nickel)

Electrical Alloy Co. (Small Tubes), Morristown, N. J.

Tubes (Paper)

See Tubes, Mailing, etc

16084b— Tubes (Pitot)

Precision Instrument Co., 21 Halsey, Newark, N. J.

16085— Tubes (Porcelain)

Akron Smoking Pipe Co. (Also Clay), Mogadare, O.
Freeman E. H. Electric Co., Trenton, N. J.
Guernsey Earthenware Co., Cambridge, O.
Illinois Electric Porcelain Co., Macomb, Ill.

16086— Tubes (Pyrometer)

Carborundum Co., Niagara Falls, N. Y.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Hardite Metals, Inc., 3 Park Row, New York
Thermal Syndicate (Ltd.), ("Viteosil," Pure Fused Silica), 50 E 41st, New York

16087— Tubes (Silica)

Lenz Apparatus Co., 9 E 16th, New York

16088— *Tubes (Steel)

See also Tubing-Steel

WARD'S EDGAR T. SONS CO., (Stock for Immediate Delivery), 260 West, New York *See adv index at end of book*

Tubes (Thermometer)

See Tubing Glass

16089— Tubes (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Electric Railway Equipment Co. (Splicing), 2900H Cormany av, Cincinnati, O.

Tubes (Wiring)

See Insulators; also Conduits

Tubing

See Specific Articles and Index and in Following Headings

16089a— Tubing (Aeroplane)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
American Tube Co., 37th & Rockwell, Chicago, Ill.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Empire Tube & Steel Corp., College Point, N. Y.
Ivins Elwood Tube Wks., Oak Lane Sta., Phila, Pa.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Penn Flexible Metallic Tubing Co., 201 N Broad, Phila., Pa.
See adv index at end of book
Standard Parts Co. The, Cleveland, O.
Stimpson Edwin B. Co., 68H Franklin av, Brooklyn, N. Y.
WARD'S EDGAR T. SONS CO., (Stock for immediate delivery), 260 West, New York *See adv index at end of book*

16090— Tubing (Aluminum)

Aluminum Co. of America (Seamless), **Oliver bldg, Pittsburgh, Pa.**
Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
Bradford Co. (Imp.), 200 5th av, New York
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Ivins Elwood Tube Works (Seamless), Oak Lane, Phila., Pa.
Rome Hollow Wire & Tube Co., Rome, N. Y. *See adv index at end of book*
Seligman Arthur (Imp.), 165 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

16091—Tubing (Asbestos Braided)

American Asbestos Co., Norristown, Pa.
Argus Asbestos Co., Inc., Port Chester, N. Y.
Asbestos Fibre Spinning Co., North Wales, Pa.
Elastoid Fibre Co., ("Elastoid"), Waltham, Mass.
General Asbestos & Rubber Co., Charleston, S. C.
Johns-Manville, Inc. ("J. M."), Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 156 N La Salle, Chicago, Ill. *See adv index at end of book*
Sall Mountain Co., 305 S La Salle, Chicago, Ill.
Watson H. F. Co., Erie, Pa.

16091a— Tubing (Automobile)

American Tube Co., 3703 S. Rockwell, Chicago, Ill.
CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W. 6th, Cleveland, O.
Empire Tube & Steel Corp., College Point, N. Y.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Rotary Tire & Rubber Co., Zanesville, O.
STANDARD STEEL TUBE CO., Toledo, O.
WARD'S EDGAR T. SONS CO., (Stock for immediate delivery), 260 West, New York *See adv index at end of book*
WILLIAMS & CO., INC., 901-937 Pennsylvania av., N. S., Pitsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

16091b—*Tubing (Automobile Pump)

Thermoid Rubber Co., Trenton, N. J.
See adv index at end of book

16092-3—Tubing (Bedstead)

Am. Steel Tube Co., Toledo, Ohio
American Tube Co., 3703 S. Rockwell, Chicago, Ill.
Elyria Iron & Steel Co. (High Carbon Steel Welded, Butted & Brazed), 232 E. 131st, Cleveland, O.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Empire Tube & Steel Corp., College Point, N. Y.
Jackson S. Tube Co., Inc., (Iron Lined Brass), 39 Rodney, Brooklyn, N. Y.
Larkin J. K. & Co., 253 B'way, New York
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
National Tube Co. ("National" Welded "Shelby" Seamless Round, Square, Rectangular, etc), Frick bldg, Pittsburgh, Pa.
Newark Tube & Metal Works, 560 Ferry, Newark, N. J.
New Jersey Tube Co. (Brass), Harrison, N. J.
Ohio Seamless Tube Co. (Seamless Steel) Shelby, O.
Phenix Tube Co. (Brass, Bronze & Aluminum, Iron Lined), 132 N 11th, Brooklyn, N. Y.
Waterbury Mfg. Co., Waterbury, Conn.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book

16094— Tubing (Bicycle)

See also Tubing, Steel

Am. Steel Tube Co., Toledo, Ohio
American Tube Co., 3703 S. Rockwell, Chicago, Ill.
CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W. 6th, Cleveland, Ohio
Empire Tube & Steel Corp., College Point, N. Y.
Frasse Peter A. & Co. (Inc.), 417 Canal, New York
Ivins Elwood Tube Wks., Oak Lane sta., Phila., Pa.

WIRE
RODS
SHEETS

BRASS & COPPER

SEAMLESS AND BRAZED TUBES

PHOSPHOR BRONZE AND NICKEL SILVER
MONEL METAL

RIVETS—BOLTS & NUTS—NAILS—SCREWS

LARGE STOCK IN BOSTON AND NEW YORK

WHITEHEAD METAL PRODUCTS CO.
67 - 73 WASHINGTON STREET, NORTH
BOSTON MASS.

TRUMPBOUR - WHITEHEAD BRASS & COPPER CO.
307-311 CANAL STREET, NEW YORK and
43 NORTH 7th ST., PHILADELPHIA, PA.

TUBING (BICYCLE)—continued

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
STANDARD STEEL TUBE CO., Toledo, O.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

16095— Tubing (Brass, Bronze & Copper)

AMERICAN BRASS CO. (Seamless & Brazed), Waterbury, Conn.
For branch offices see adv index at end of book
American Tube Works ("Green's," "Alston's," "Adams'," Seamless Drawn), 10 Oliver, Boston, Mass.
BALTIMORE TUBE CO., Baltimore, Md.
Bamford & Smith Co., 9 Culver, Providence, R. I.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Besly Chas. H. & Co. (Jobbers, Seamless, etc.), 129 N. Clinton, Chicago, Ill.
Bridgeport Brass Co. (Bronze & Copper Seamless), Dept H, Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co. (Pressed Drawn Brass), Bridgeport, Conn.
Bristol Brass Co. (Brass Brazed Only), Bristol, Conn.
British American Metals Co., Inc. (Seamless), 52 Vanderbilt av, New York
Cleveland Brass & Copper Mills, Inc., Euclid, O.
Coe Brass Mfg. Co., Torrington, Conn.
CHASE METAL WORKS ("Chase") Waterbury, Conn.
Chase Rolling Mill Co. ("Chase"), Waterbury, Conn.
Continuous Rolling Mills, Inc. (Seamless), Garwood, N. J.
Crane Co., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book
Croton Mfg. Co. (Lock Joint Steel Lined Brass Tubing), Croton on Hudson, N. Y.
Dallas A. C. & Son (Brass & Copper), 225 N Jefferson, Chicago, Ill.
Dallas Brass & Copper Co., 820 Orleans, Chicago, Ill.
Detroit Copper & Brass Mills, Clark av nr Wabash R. R., Detroit, Mich.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Erie-Buffalo Tube Co. (Small), Erie, Pa.
French Mfg. Co. (Seamless Brass, Small Sizes Only), Waterbury, Conn.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Graff A. & Sons (Brass), 39 Shipley, San Francisco, Cal.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hough W. S. Jr. Co. (Brass & Copper), 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. ("Star") (Seamless), 80 Lafayette, New York
Industrial Steel & Brass Corp., 602 W Lake, Chicago, Ill.
Ivins Elwood Tube Works (Seamless), Oak Lane Station, Phila., Pa.
Klenke F. J. Co. ("Diamond K"), Sharon bldg, San Francisco, Cal.
Larkin J. K. & Co. (Brass & Copper), 253 B'way, New York
See adv index at end of book
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
McKenna Brass Mfg. Co. (Jobbers), 1st av & Ross, Pittsburgh, Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Marwedel C. W. (Brass & Copper Jobbers), 76 1st, San Francisco, Cal.
Merchant & Evans Co. (Jobbers), Washington av & 21st, Phila., Pa.
METAL PRODUCTS CO., 549 W. Washington blvd, Chicago, Ill.
Michigan Copper & Brass Co. (Brazed & Seamless), 1611 W Jefferson av, Detroit, Mich.
National Brass & Copper Tube Co., 639 Mission, San Francisco, Cal.
National Brass & Copper Tube Co., 41 Park Row, New York
National Co. (Seamless), Waterbury, Conn.
New Jersey Tube Co. (Bent Brass, etc), Harrison, N. J.
North American Copper Co., 52 Vanderbilt av, New York
Philadelphia Brass Co., East Downingtown, Pa.
Randolph-Clowes Co. (Seamless), Waterbury, Conn.
Roberts Tube Works (Seamless), 868 Military av, Detroit, Mich.
Rome Brass & Copper Co. (Seamless or Brazed, also Bronze), Rome, N. Y.
Rome Hollow Wire & Tube Co., Rome, N. Y.
Sandusky Foundry & Machine Co., Sandusky, Ohio
Scott, Sugden & Lamont, Monacknock bldg., San Francisco, Cal.
Standard Brass & Copper Tube Co. (Cold Drawn Seamless, Brass & Copper), New London, Conn.
Summerill Tubing Co. (Seamless Cold Drawn), Bridgeport, Pa.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Twentieth Century Brass Works (Brass), 514 5th av, S Minneapolis, Minn.
United Wire & Supply Co. (Seamless Swaged & Bent; also Brazed Brass Tubing), Elmwood Station, Providence, R. I.
Waterbury Mfg. Co. (Brass Brazed Only), Waterbury, Conn.
Wells A. H. & Co. (Seamless), 563 Watertown rd, Waterbury, Conn.
Wheeler Condenser & Engng. Co. (Seamless Drawn Brass & Copper "Crescent Brand"), W. Carteret, N. J.
See adv index at end of book



Crescent Brand
Seamless Tubes and Pipe

Manufactured in standard sizes and gauges for all purposes; copper, brass, Muntz, Admiralty and other non-ferrous alloys; cut to required lengths; pipe sizes threaded when so ordered. No specifications too exacting.

Wheeler Condenser & Engineering Co.
West Carteret, New Jersey 138-1

WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North, Boston, Mass. *See adv index at end of book*
Williams & Co., Inc., 901-927 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Wolverine Tube Co. (Bent & Formed Seamless Brass & Copper), 1411H Central av, Detroit, Mich.

16096— *Tubing (Brass Covered)

Ivins Elwood Tube Wks., Oak Lane sta., Phila., Pa.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

16096a—*Tubing (Brazed, Brass & Copper)

CHASE METAL WORKS, Waterbury, Conn.

16097—Tubing (Brazed Steel)

Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Newark Tube & Metal Works, 560 Ferry, Newark, N. J.
Phenix Tube Co., 182 N 11th, Brooklyn, N. Y.
Standard Steel Tube Co. ("Toledo"), Toledo, O.

16097a— Tubing (Butted)

Am. Tube & Stamping Co. (Seam, Open Seam, not welded), Dept H, Bridgeport, Conn.
American Tube Co., 3703 S. Rockwell, Chicago, Ill.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

16097b—*Tubing (Carburetor)

AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.

Tubing (Celluloid)

See Celluloid, Fibreloid & Pyrolin Manufacturers

16098—Tubing (Cold Drawn Seamless Steel)

See also Tubing, Steel

CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W. 6th, Cleveland, Ohio
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Ivins-Elwood Tube Works, Oak Lane sta., Phila., Pa.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Standard Parts Co., Cleveland, O.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York *See adv index at end of book*
Williams & Co. (Inc.), 901-937 Pennsylvania av, N. S., Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

16099—Tubing (Condenser)

American Brass Co. ("Admiralty," & Brass), Waterbury, Conn.
For branch offices see adv index at end of book
BALTIMORE TUBE CO., Baltimore, Md.
British American Metals Co., Inc., 52 Vanderbilt av, New York
CHASE METAL WORKS ("Chase" Brass & Copper), Waterbury, Conn.
Chase Rolling Mill Co. ("Chase" Brass & Copper), Waterbury, Conn.
Hungerford U. T. Brass & Copper Co. (Brass, Plain & Tinned), 80 Lafayette, New York
National Brass & Copper Tube Co., Inc., 639 Mission, San Francisco, Cal.
North Amer. Copper Co., 52 Vanderbilt av, New York
Rome Brass & Copper Co. (Brass), Rome, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Wheeler Condenser & Engineering Co., ("Crescent Brand"), W. Carteret, N. J.
See adv index at end of book

WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass. *See adv index at end of book*

Tubing (Conduit)

See Sleeving, Cotton

16099a— Tubing (Evaporator)

Baltimore Tube Co., Baltimore, Md.
Wheeler Condenser & Engineering Co., W. Carteret, N. J.
See adv index at end of book

16099b— *Tubing (Exhaust)

AMERICAN METAL HOSE CO. ("American"), Waterbury, Conn.

16100—Tubing (Flexible Fabric)

Atlantic Tubing Co. (Gas Pipe Tubing), 1756 Cranston, Providence, R. I.
James Mfg. Co. ("Klingtite" Gas), Cleveland, Ohio
New York Gas Tubing Co., 95 Bank, New York
Norwalk Mfg. Co. (Safety Gas), E Norwalk, Conn.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

16101—Tubing (Flexible Metallic)

Almond T. R. Mfg. Co. ("Almond," for Electric Light Brackets, Portables, Oil & Gasoline, etc), Ashburton, Mass.
AMERICAN METAL HOSE CO., Waterbury, Conn.
Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
American Metal Hose Co. ("American"), Waterbury, Conn.
Atlantic Metal Hose Co., 40 W 60th, New York
Automobile Supply Mfg. Co. (Brass & Iron, Light Pressure for Auto Horns, etc), 80 B'way, Brooklyn, N. Y.
Bishop Gutta Percha Co. ("Titeweld"), 420H E. 25th, New York
Breeze Carburetor Co., 250 South, Newark, N. J.
Chicago Tubing & Braiding Co. ("Rex-Tube"), 216 N. Clinton, Chicago, Ill.
Col.-Mac. Co., 250 South, Newark, N. J.
Fischer Chas. Spring Co., 240 Kent av, Brooklyn, N. Y.
Johns-Manville, Inc. (Asphalt "Magrite," "J. M. Alpha" Cavle), Madison av & 41st, New York
Kaufman A. G. Mfg. Co., 210 5th av., New York
METAL HOSE & TUBING CO. (Rubber & Fabric Covered Flexible Metallic), ("Triplexd"), 252 Tillary, Brooklyn, N. Y. *See adv index at end of book*
Meyer Herbert J. Co., 225-27 Cedar, Buffalo, N. Y.
Mulconroy Co. ("Mulconroy" Interwoven), 54th & Jefferson, Phila., Pa.
Norwalk Mfg. Co., E Norwalk, Conn.
N. Y. Flexible Metallic Hose & Tubing Co., 112 W 42nd, New York
Penna. Flexible Metallic Tubing Co. (Copper or Steel High Pressure, etc), Broad & Race, Phila., Pa.
Schoen-Jackson Co., Media, Pa.
Schwartz S. Robert & Bro., 729 B'way, New York
Sprague Electric Works, 527 W 34th, New York
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
U. S. Flexible Metallic Tubing Co. (Jobbers), 65 Main, San Francisco, Cal.
Wheelock Mfg. Co. (Steel), Wheelock, Vt.
Whitman Metal Goods Co. (Brass & Steel), Whitman, Mass.

16102— Tubing (Gas)

AMERICAN METAL HOSE CO., Waterbury, Conn.
Chicago Tubing & Braiding Co. ("Kantleke"), 216 N Clinton, Chicago, Ill.
DEWES A. CO., THE, 199 Lafayette, New York

16103— Tubing (Glass)

Bobe P. Glass Works (Test & Hospital), 2711 Lemp av, St. Louis, Mo.
Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
Corning Glass Works (Electrical, Clinical, Thermometer, etc), Corning, N. Y.
Demuth Glass Mfg. Co., Gardner av, Brooklyn, N. Y.
Durand-Koering Glass Co. (Also Rods), Vineland, N. J.
Glogau & Co., Great Lakes bldg, Chicago, Ill.
Gove Hartley (Thermo), Vineland, N. J.
International Glass Co., Millville, N. J.
Kimble Glass Co. (Also Rods, Finished & Unfinished), 402 W Randolph, Chicago, Ill.
Libbey Glass Co., Toledo, O.
Pairpoint Corp'n (For Electrical Use), New Bedford, Mass.
Ruth Glass Co., Conshohocken, Pa.
Staniford J. W. & Co., 40 Hanover, Boston, Mass.
Vineland Flint Glass Works (Also Rods, Unfinished), Vineland, N. J.
Wagner Glass Works, 697 E 132d, New York
Whitall Tatum Co., 48 Barclay, New York

16104— Tubing (Hard Fibre)

See also Fibre, Hard

BRANDYWINE FIBRE PRODUCTS CO., East Wilmington, Del.
See adv index at end of book
Chicago Mica Co., Valparaiso, Ind.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del. Works, Marshallton, Del. *See adv index at end of book*
Wilmington Fibre Specialty Co. (Vulcanized), Wilmington, Del.

16105—Tubing (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Indian Rubber Co., New Brunswick, N. J.
Stokes Jos. Rubber Co., Trenton, N. J.
Vulcanized Rubber Co., 251 4th av, New York

16106—Tubing (Hot Rolled Seamless Steel)

Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*

16106a— Tubing (Iron)

See also Pipe & Tube Mills

LARKIN J. K. & Co. (Also Tubes), 253 B'way, New York
See adv index at end of book
PEERLESS IRON PIPE EXCHANGE INC., 302 B'way, New York
See adv index at end of book

16107—Tubing (Iron Lined)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Jackson S. Tube Co. Inc. (Brass), 29 Rodney, Brooklyn, N. Y.
Manhattan Brass Co., 332 E 28th, New York
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
New Jersey Tube Co., Harrison, N. J.
Phenix Tube Co. (Brazed, Lock Joint, Close Joint & Bent, Brass, Bronzes & Aluminum), 182 N 11th, Brooklyn, N. Y.
Rome Brass & Copper Co. (Brass), Rome, N. Y.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

16108—Tubing (Lead & Block Tin)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Crown Metal Co. (Lead Only), 259 Washington, Milwaukee, Wis.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
National Lead Co., 111 B'way, New York
United Lead Co., 111 B'way. New York

16108a—Tubing (Metallic)

Warnola Mfg. Co., Inc., 73-75 Wooster, New York

16108b—Tubing (Monel Metal)

Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

16109—Tubing (Nickel Silver)

See also Tubing, Brass, Bronze & Copper

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bristol Brass Co., Bristol, Conn.
Chase Metal Works ("Chase"), Waterbury, Conn.
Chase Rolling Mill Co. ("Chase"), Waterbury, Conn.
French Mfg. Co. (Seamless, Small Sizes Only), Waterbury, Conn.
Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.
National Co. (Seamless), Waterbury, Conn.
Summerhill Tubing Co. (Seamless Cold Drawn), Bridgeport, Conn.
United Wire & Supply Co. (Seamless), 109 Summer, Providence, R. I.
Wells A. H. & Co. (Seamless), Waterbury, Conn.

16110— Tubing (Organ)

Chadwick-Boston Lead Co. (Composition), Boston, Mass.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
National Lead Co., 111 B'way, New York
United Lead Co., 111 B'way, New York

16110a—*Tubing (Plated)

Mohegan Tube Co. (Nickel, Brass & Copper), 306 Scott av, Brooklyn, N. Y.
Wall A. T. Co. (Rolled Gold & Silver), 162 Clifford, Providence, R. I.
Wheeler Condenser & Engng. Co. ("Crescent Brand"), W Carteret, N. J.
See adv index at end of book

16111— Tubing (Platinum)

American Platinum Works, 231 N. J. R. R. av, Newark, N. J.
Baker & Co., 54 Austin, Newark, N. J.

16112— Tubing (Porcelain)

Locke Insulator Mfg. Co., Victor, N. Y.
Pittsburgh High Voltage Insulator Co., Derry Pa.

16112a—*Tubing ("Pyralin")

DU PONT E. I. DE NEMOURS & CO., INC. Pyralin Div (Transparent, Tortoise Sheel, Ivory & All Other Colors), Wilmington, Del.
See adv index at end of book

16113— Tubing (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
American Hard Rubber Co., 9 Mercer, New York
Armstrong Rubber Co., Garfield, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Braun-Knecht-Heimann Co. (Labruco Thermofix), 576-584 Mission, San Francisco, Cal.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Curtis Tire & Rubber Co., Muskegon, Mich.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Eclat Rubber Co. ("Ekla" Mechanical), Cuyahoga Falls, Ohio
Ehman Tire & Rubber Co., 176 N. Michigan av, Chicago, Ill.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Federal Rubber Co., The, Cudahy, Wis.
Gillette Rubber Co., Dept H, Eau Claire, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mercer Rubber Co., Hamilton Square, N. J.
Miller Rubber Co., Akron, O.
Mutty L. J. Co., 175 Congress, Boston, Mass.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Pure & C. I.), 91 Chambers, New York
Norwalk Mfg. Co., E Norwalk, Conn.
Odell Rubber Co. ("South Bend"), South Bend, Ind.
Parker-Stearns & Co. ("Alhpa," Black or Red), 286 Sheffield av, Brooklyn, N. Y.
Plymouth Rubber Co., Canton, Mass.
Quabaug Rubber Co., North Brookfield, Mass
Quaker City Rubber Co. ("Niotus"), 629 Market, Phila., Pa.
Republic Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Sterling Tire Corp. ("Sterling"), Rutherford, N. J.
Tyer Rubber Co. (All Grades, Colors & Sizes), Andover, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
U. S. Rubber Co., 1790 B'way, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitall Tatum Co., 48 Barclay, New York
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

16114—Tubing (Rubber, Cloth Insertion)

Boston Woven Hose & Rubber Co., Cambridge, Mass.

16114a—*Tubing (Seamless Brass & Copper)

Baltimore Tube Co., Baltimore, Md.
Wheeler Condenser & Engng. Co. ("Crescent" Brand), W. Carteret, N. J.
See adv index at end of book

16115—Tubing (Seamless Steel)

See also Tubing, Steel

Blancke A. C. & Co., 602 W. Lake, Chicago, Ill.
Bordentown Steel & Tube Corp., Bordentown, N. J.

SEAMLESS STEEL TUBING

Sixteen hundred sizes. Nearly 1,000,000 ft. in stock. Outside diameters ⅛" to 9½". Thickness 24 gauge to 1". Special shapes to order.

Stock and range of sizes greater than that of any other dealer together with prompt shipment and good cutting facilities put us in a position to supply superior tubes at low prices and guarantee complete satisfaction.

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EDGAR T. WARD'S SONS CO. 44-54 Farnsworth Street, BOSTON, MASS.

TUBING (SEAMLESS STEEL)—continued

CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W. 6th, Cleveland, Ohio

Frasse Peter A. & Co. (Inc.), 417 Canal, New York

Globe Seamless Steel Tubes Co., People's Gas bldg, Chicago, Ill.

HAWKRIDGE BROS. CO., 303 Congress Boston, Mass.
See adv index at end of book

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

Ivins Elwood Tube Works, Oak Lane Sta., Phila., Pa.

Larkin J. K. & Co. (Also Tubes), 253 B'way, New York
See adv index at end of book

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

MORRIS E. K. & CO., 317 W 2d, Cincinnati, O.

Roberts C. A. Co., Inc., 20-24 Aberdeen, Chicago, Ill.

Scott, Siegden & Lamont, Monadnock bldg, San Francisco, Cal.

Standard Seamless Tube Co., Ambridge, Pa.

Steel Sales Corp., Adams & Jefferson, Chicago, Ill

Timken Roller Bearing Co., Dept H, Canton, O

Toledo Steel Tube Co., Toledo, O.

WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York *See adv index at end of book*

WILLIAMS & CO., INC., 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

16116— Tubing (Silver)

Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.

United Wire & Supply Co. (Seamless), Elmwood Station, Providence, R. I.

16117— Tubing (Soft Steel)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

Ivins Elwood Tube Works (Seamless), Oak Lane Station, Phila., Pa.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York *See adv index at end of book*

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, N S, Pittsburgh, Pa.
See adv index at end of book

16118— Tubing (Square)

Braun J. G., 609 S Paulina, Chicago, Ill.

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Empire Tube & Steel Corp., College Point, N. Y.

Ivins Elwood Tube Works, Oak Lane Sta., Phila., Pa.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.

Roberts C. A. Co., Inc., 20-24 Aberdeen, Chicago, Ill.

WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

16119— Tubing (Steel)

See also Tubing, Seamless Steel; also Pipe & Tube Mills

American Steel Tube Co. (Gages 14-22), 3703 S Erie, Toledo, Ohio

American Tube Co., 3703 S Rockwell, Chicago, Ill.

Blum Julius & Co. (Seamless), 540 W 22nd, New York

Calumet Steel Co. (Butted & Brazed Structural), 208 S La Salle, Chicago, Ill.

Carpenter Steel Co., The (Hot Rolled Seamless Steel), Reading, Pa.

Central Tube Co., 1st National Bank bldg, Pittsburgh, Pa.

CLEVELAND TOOL & SUPPLY CO. (Dealers), 1427-37 W 6th, Cleveland, Ohio

Consolidated Mfg. Co. (Brazed for Automobiles, Bicycles, Baby Carriages, etc), Toledo, O.

Cortland Steel Tube Co., Dept. H, Cortland, O.

Delaware Seamless Tube Co. (Seamless), Auburn, Pa.

Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless), Warren & Wyoming, Detroit, Mich.

Elyria Iron & Steel Co. ("Elisco" Cold Rolled), 232 E 131st, Cleveland, O.

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Empire Tube & Steel Corp., College Point, N. Y.

Flat Metal Mfg. Co. (Welded Seamless), 223 W Huron, Chicago, Ill.

Frasse Peter A. & Co. (Inc.), 417 Canal, New York

Globe Seamless Steel Tubes Co. (Cold **Drawn High Carbon Seamless Steel),** People's Gas bldg, Chicago, Ill.

Hungerford U. T. Brass & Copper Co. (Seamless), 80 Lafayette, New York

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

Ivins Ellwood Tube Works (Cold Drawn Seamless), Oak Lane, Phila., Pa.

Kawner Mfg. Co. (Seamless for V. P.), Niles, Mich.

Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book

Mohegan Tube Co. ("Smooth-Oh"), 306 Scott av, Brooklyn, N. Y.

National Tube Co. ("Shelby" Cold Drawn Seamless), Frick bldg, Pittsburgh, Pa.

Newark Tube & Metal Works (Butt Joint), 560 Ferry, Newark, N. J.

Ohio Seamless Tube Co. (Cold Drawn Seamless), Shelby, O.

Ohio Steel Products Co., Mineral Ridge, Ohio

Phenix Tube Co. (Brazed, Butted, Square & Twisted), 182 N. 11th, Brooklyn, New York

Pittsburgh Seamless Tube Co., Beaver Falls, Pa.

Pittsburgh Shafting Co. (Seamless), 346 W Fort, Detroit, Mich.

Pittsburgh Steel Products Co. (Hot Rolled & Cold Drawn Seamless), Frick bldg, Pittsburgh, Pa.

Pressed Metal Radiator Co. ("Paramount"), Pittsburgh, Pa.

ROBERTS C. A. CO. INC. ("Shelby" Seamless), 20-24 Aberdeen, Chicago, Ill.

Rome Hollow Wire & Tube Co. (Seamless Hollow Wire), Rome, N. Y.

Rome Metal Products Corp. (Seamless), 150 Nassau, New York

STANDARD PARTS CO. ("Stanweld" **Electrically Welded), W 73d,** Cleveland, O.

STANDARD STEEL TUBE CO. ("Standard" Brazed for Mechanical Purposes), Toledo, O.

Summerill Tubing Co. (Cold Drawn Seamless), Bridgeport, Pa.

Timken Roller Bearing Co. (Cold Drawn Seamless), Canton, O.

Toledo Steel Tube Co., Toledo, Ohio

Tyler Tube & Pipe Co. (Lap Welded), Washington, Pa.

Veithardt Steel & Metal Corp., 15 Park Row, New York

WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

16119a—Tubing (Steel, Acetylen Welded)

American Tube Co., 3703 S Rockwell, Chicago, Ill.

HAWKRIDGE BROS. CO., 303 Congress, Boston, Mass.
See adv index at end of book

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

Standard Parts Co. ("Stanweld" Electrically & Gas), Cleveland, O.

16119b—*Tubing (Steel, Lock-Seam)

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

Standard Parts Co., Cleveland, O.

16119c—*Tubing (Steel, Open Seam)

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

Standard Parts Co., Cleveland, O.

16120— Tubing (Structural)

Calumet Steel Co. (Butted & Brazed), 208 S La Salle, Chicago, Ill.

Central Tube Co., 1st National Bank bldg, Pittsburgh, Pa.

Danville Structural Tubing Co., Danville, Pa.

Elyria Iron & Steel Co. (High Carbon Steel, Butted & Brazed), 232 E 131st, Cleveland, O.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

National Tube Co., Frick bldg, Pittsburgh, Pa.

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

16121—Tubing (Swaged & Bent)

American Tube Co., 3703 S Rockwell, Chicago, Ill.

American Tube Bending Co., New Haven, Conn.

AMERICAN TUBE & PIPE BENDING CO., 880 E 72nd, Cleveland, O.
See adv index at end of book

Detroit Seamless Steel Tube Co. **(Unset),** Warren & Wyoming, Detroit, Mich.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

New Jersey Tube Co., Harrison, N. J.

Standard Steel Tube So., Toledo, O.

Tyler Tube & Pipe Co. (Lap-Welded), Washington, Pa.

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

Wolverine Tube Co. (Brass & Copper Bent), 1411 Central av, Detroit, Mich.

16122— Tubing (Tapered)

American Tube Co., 3703 S. Rockwell, Chicago, Ill.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

Standard Metal Work Co. (For Automobiles, Motor Boat Engines, etc), Thompsonville, Conn.

Standard Steel Tube Co., Toledo, Ohio

16123— Tubing (Tool Steel)

Ivins Elwood Tube Works, Oak Lane, Phila., Pa.

Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.

WARD'S EDGAR T. SONS CO. (Stock for immediate delivery), 260 West, New York. *See adv index at end of book*

WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

16124—Tubing (Wind Shield)

Dahlstrom Metallic Door Co. (Welded), 413 Buffalo, Jamestown, N. Y.

Empire Tube & Steel Corp., College Point, N. Y.

Flat Metal Mfg. Co., 223 W Huron, Chicago, Ill.

Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.

16125— Tubing (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Redlich Mfg. Co., 637-647 W Oak, Chicago, Ill.

Rich Pump Co., South & Depot, Cincinnati, O.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

16126— Tubing (Zinc)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book

Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.

Merchant & Evans Co. (Brazed), Washington av & 21st, Phila., Pa.

North American Copper Co., 52 Vanderbilt av, New York

16127— Tubing & Nipples (Gas Lamp)

Norwalk Mfg. Co. (Rubber Tubing), E. Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.

16128— Tubs (Bleaching)

Dillon D. M. Steam Boiler Works (For Paper Mills), Fitchburg, Mass.
Hunt, Rodney, Machine Co., Orange, Mass.
New England Tank & Tower Co., 42 Main, Everett, Mass.
See adv index at end of book
Union Machine Co., Fitchburg, Mass.

16129— Tubs (Butter)

Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Denio C. E. (Boxes), Hyde Park, Vt.
Elgin Butter Tub Co., Elgin, Ill.
Hohnsbehn Creamery Supply Co., Waverly, Ia.
Houston J. E., Stowe, Vt.
Lentz's C. F. Sons, Marysville, O.
Little J. H. Arlington, Ia.
Mason D. E., Fulton, N. Y.
Nelson & Hall Co., Montgomery Center, Vt.
Orcutt B. L. & Sons, Dickinson Center, N. Y.
Parfrey Chas. A., Richard Center, Wis.
Spurbeck-Lambert Co., Algona, Ia.
Twin City Separator Co., 29th & Colfax av, South Minneapolis, Minn.

16130—Tubs (Flower & Plant)

Baltimore Cooperage Co. Ostend & Leadenhall, Baltimore, Md.
Cordley & Hayes, 7 Leonard, New York
Savo Mfg. Co. (Self Watering & Sub Irrigating), 39H S La Salle, Chicago, Ill.

16131—Tubs (Galvanized Iron)

See also Pails, Galvanized Iron

Boyle Mfg. Co., 5100 Santa Fe av, Los Angeles, Cal.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
See adv index at end of book
Republic Metalware Co. The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" Foot), 89 Hague, Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

16132— Tubs (Hoisting & Dumping)

See also Buckets, Various Kinds

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Hoist & Derrick Co., St. Paul, Minn.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.
Coatesville Boiler Works, Coatesville, Pa.
Focht George Sons, 117-119 Adams, Hoboken, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Insley Mfg. Co. (Automatic Concrete), 3500 E St. Clair, Indianapolis, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, O.
National Iron Co., Duluth, Minn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
STEUBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Twin City Separator Co., 29th & Colfax av, So. Minneapolis, Minn.
Union Iron Works, Hoboken, N. J.
Whiting Corp., Dept. H, Harvey, Ill.
Williams G. H. Co., Erie, Pa.

16133— Tubs (Lard)

Bousfield Wooden Ware Co., Minneapolis, Minn.
California Barrel Co., 433 California, San Francisco, Cal.
Carolina Woodenware Co, Fayetteville, N. C.
Florida Woodenware Co., Palatka, Fla.
Menasha Wooden Ware Co., Menasha, Wis.
Pierpont Mfg. Co., Savannah, Ga.

16133a— Tubs (Laundry)

Alberne Stone Co., 223 23rd, New York
Standard Granitine Works, 1752-1756 N Spaulding av, Chicago, Ill.
Wesely Chas. Co., 3126 S Canal, Chicago, Ill.

16134— Tubs (Mash)

Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Novelty Steam Boiler Works (Triplet & Jennings), 917 S Howard, Baltimore, Md.
Smith Samuel & Son Co., Paterson, N. J.

16135-6-7—Tubs (Mortar, Steel)

JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Lansing Co., Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, O.

16138—Tubs (Self-Dumping)

See also Tubs, Hoisting & Dumping

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
McMyler-Interstate Co., Bedford, O.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

16139— Tubs (Wash)

Alberene Stone Co. (Soapstone), 223 E 23rd, New York
Atlas Wash Tray Co. (Cement), New Haven, Conn.
Atlas Wash Tray Co. (Cement), New Haven, Conn.
Central Stamping Co., 172 Fulton, New York
McLaughlin Co., Inc., Brockport, N. Y.
Monument Pottery Co. (Porcelain), Trenton, N. J.
National Enameling & Stamping Co. (Galvanized Steel), 411 5th av, New York
ROCHESTER CAN CO. ("Iron Horse" Galvanized Iron), 89 Hague, Rochester, N. Y. *See adv index at end of book*
Whitaker-Glessner Co. (Wheeling Corrugating Dept., Galvanized Iron), Wheeling, W. Va.

16140—Tubs (Wire Cleaning)

Morgan Construction Co., Worcester, Mass.
Vaughn Machinery Co., Cuyahoga Falls, O. *See adv index at end of book*

16141— Tubs (Wood)

See also Tubs, Butter

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Menasha Wooden Ware Co. (Shipping, etc), Menasha, Wis.
Richmond Cedar Works ("Anchor Brand" White Cedar Wash, Tree, Butter, Ice Cream, Packing, etc), Richmond, Va.
Sengel Philip & Son, Louisville, Ky.
Stiles H. A. & Co. (Ice Cream), 93-97 Oliver, Boston, Mass.
See adv index at end of book

16142— Tufts (Mattress)

Hubley Gordon A. (Leather), Worcester, Mass. *See adv index at end of book*

16143— Tumblers (Glass)

Athens Glass Co., Morgantown, W. Va.
Beaver Valley Glass Co., Rochester, Pa.
Belgrade Glass Co., Buckhannon, W. Va.
Bryce Bros. Co., Mt. Pleasant, Pa.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Capstan Glass Co., Connellsville, Pa.
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Crescent Glass Co., Wellsburg, W. Va
Dorflinger C. & Sons, White Mills, Pa., & 36 Murray, New York
Duncan & Miller Glass Co., Washington, Pa.
Economy Tumbler Co., Morgantown, W. Va.
Federal Glass Co., Columbus, O.
Fostoria Glass Co., Moundsville, W. Va.
Fry H. C. Glass Co., Rochester, Pa.
Hawkes T. G. & Co., Corning, N. Y.
Hazel Atlas Glass Co. (Pressed), Wheeling, W. Va.
Helsey A. H. & Co., Newark, O.
Huntington Tumbler Co., Huntington, W. Va.
Indiana Glass Co., Dunkirk, Ind.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lancaster Glass Co., Lancaster, O.
McKee Glass Co., Jeannette, Pa.
Macbeth-Evans Glass Co., Pittsburgh, Pa.
Monongah Glass Co., Fairmont, W. Va.
Mound City Glass Co. (Blown), Lumberport, W. Va.
Ripley & Co., 123 7th, Pittsburgh, Pa.
Rochester Tumbler Co., Rochester, Pa.
Seneca Glass Co., Morgantown, W. Va.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Wellington Glass Co., Cumberland, Md.

16144—Tumblers (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York
Tyer Rubber Co., Andover, Mass.

16144a— *Tumeric

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

16145—Tungstate of Ammonia

Mineral Product Mfg. Co., Wilmington, Del.
York Metal & Alloy Co., York, Pa.

16145a— Tungstate of Soda

Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Mineral Product Mfg. Co., Wilmington, Del.
Vanadium Corp. of Am., Equitable bldg, New York
York Metal & Alloy Co., York, Pa.

Tungsten

See Ferro-Tungsten

16146—Tungsten (Aluminum)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Mineral Product Mfg. Co., Wilmington, Del.
Seligman Arthur (Imp.), 165 B'way, New York

16146a—Tungsten (Metallic)

Foote Mineral Co., 109 N 19th, Phila., Pa.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Manhattan Reduction Co., 165 B'way, New York
Pfanstiehl Co., No. Chicago, Ill.

16147— Tungsten (Nickel)

Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Mineral Product Mfg. Co., Wilmington, Del.

16147a—Tunnel Shields (Iron & Steel)

Harlan & Hollingsworth Corp. (For Tunnel & Subway Const.), Ft. West, Wilmington, Del.

16148—*Turbine Blading & Calking Materials

AMERICAN BRASS CO. (Brass Cupro Nickel & Monel Metal), Waterbury, Conn.
For branch offices see adv index at end of book
WILLIAMS & CO. (INC.), (Blading Monel Metal) 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

16149-50—Turbine Water Wheels

See also Water Wheels

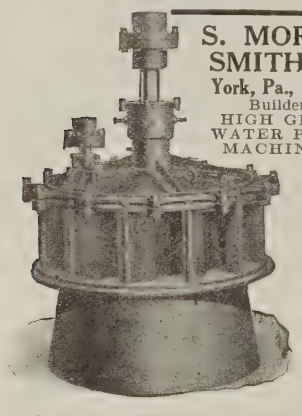
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Barnard & Leas Mfg. Co. ("Moline-McCormick"), Moline, Ill.
Bartley Wm. & Sons ("The Watertight"), Bartley, N. J.
Blake H. & Son, East Pepperell, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Chase Turbine Mfg. Co., Orange, Mass.
Christiana Machine Co., Christiana, Pa.
Davis Foundry & Machine Works, Rome, Ga.
Dayton Globe Iron Works Co., Dayton, O.
DeLoach Mill Mfg. Co., Bridgeport, Ala.
Dow L. B., Inc., Keene, N. H.
Dow L. B., 79 Milk, Boston, Mass.
Ephrata Foundry & Machine Works, Ephrata, Pa.
Eyster, Weiser & Co., York, Pa.
Fitz Water Wheel Co., Hanover, Pa.
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Holyoke Machine Co. ("Hercules"), Worcester, Mass.
Hunt Rodney Machine Co. ("Hunt-McCormick"), Orange, Mass.
Jolly J. & W., Holyoke, Mass.
Lane Mfg. Co. ("Monitor"), Montpelier, Vt.
Leffel Jas. & Co. ("Samson"), East st, Springfield, O.
Mine & Smelter Supply Co. ("De Remer"), 42 B'way, New York
Morris I. P. Co. ("Francis" & "Girard" Type), Richmond & Norris, Phila., Pa.
Munson Mill Machinery Co. ("Little Giant"), Utica, N. Y.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Platt Iron Wks. Co. ("Victor," "Frances"), Dayton, O.
Poole Engng. & Mach. Co., Woodberry Sta., Baltimore, Md.
Salem Foundry & Machine Works ("Ajax") Salem, Va.
Sergeant Mfg. Co., Greensboro, N. C.
Smith S. Morgan Co. ("Smith" "McCormick" & "New Success"), York, Pa.
See adv index at end of book
Trump Mfg. Co., Springfield, O.
United Iron Works ("Tutthell"), San Francisco, Cal.
WELLMAN - SEAVER - MORGAN CO., Cleveland, O. *See adv index at end of book*

16151—Turbines (Automatic High & Low Pressure Steam)

De Laval Steam Turbine Co., E Trenton, N. J.
Kerr Turbine Co., Wellsville, N. Y.

16152—Turbines (Hydraulic)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("I. P. Morris"), Beach & Ball, Phila., Pa.
Holyoke Machine Co., Worcester, Mass.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal.
Smith S. Morgan Co. ("Smith" "McCormick" & "Success"), York Pa.
See adv index at end of book



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SMITH NEW SUCCESS AND McCORMICK TURBINES
Write Dept. "U" for Bulletin

WELLMAN - SEAVER - MORGAN CO., Cleveland, O. *See adv index at end of book*

16153—Turbines (Marine)

Bethlehem Shipbuilding Corp. Ltd. (For Direct Drive or with Reduction Gears), Dept H, Broadhead & Parker av, Bethlehem, Pa.
Hallidie Co. (Steam Dealers), Spokane, Wash. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse" Type), East Pittsburgh, Pa.
See adv index at end of book

16153a—*Turbines (Ship Propulsion)

General Electric Co., Schenectady, N. Y.
See adv index at end of book

16154— Turbines (Steam)

ALBERGER PUMP & CONDENSER CO. ("Alberger-Curtis"), 140 Cedar, New York
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
AMERICAN WELL WORKS THE (Direct Connected to Pumps, Blowers & Generators, Single Stage & Multi-Stage, Condensing High Pressure, Exhaust, Back Pressure, Bleeder Types), 112 B'way, Aurora, Ill.
See adv index at end of book
American & British Mfg. Co. ("Wilkinson"), Charles, Providence, R. I.
Bath Iron Works, Ltd. ("Parson's Marine), Bath, Me.
Buffalo Forge Co. ("Spiro"), 490 B'way, Buffalo, N. Y.
Connecticut Turbine Mfg. Co. (Auxiliary Type, 25 to 500 H. P.), New London, Conn.
Coppus Engineering & Equipment Co. ("Coppus," 1 to 50 H. P.), Worcester, Mass.
De Laval Steam Turbine Co. (Single stage & Multi Stage for Direct Connection & Geared Belt & Rope Drives), E Trenton, N. J.
Fore River Shipbuilding Corp. ("Curtis," Marine), Quincy, Mass.
GENERAL ELECTRIC CO. ("Curtis"), Schenectady, N. Y.
See adv index at end of book
Hackenburg Turbine Co., 66 Myrtle av, Flushing, N. Y.
Hallidie Co. (Marine), Spokane, Wash.
See adv index at end of book

HALLIDIE CO.
SPOKANE, WASH., U. S. A.
Manufacturers of
Parsons Marine Steam Turbines
1,000 to 12,000 H.P., Compound, Triple and Quadruple, 150 to 4,000 H.P.

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Kerr Turbine Co., ("Economy" Non-Condensing, Belted & Direct Connected), Wellsville, N. Y.
Moore Steam Turbine Corp., Wellsville, N. Y.
Morris I. P. Co., Richmond & Norris, Phila., Pa.
Ohmen Engine Works, 17th & Capp, San Francisco, Cal.
Parsons Marine Steam Turbine Co., 2 Rector, New York
Rateau Battu Smoot Co., 90 West, New York
Ridgeway Dynamo & Engine Co., Ridgeway, Pa.
Southwark Foundry & Machine Co. ("Southwark-Rateau"), 430 Washington av, Philadelphia, Pa.
Sturtevant B. F. Co. ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
Terry Steam Turbine Co. (Direct Connected to Dynamos, Pump, Blowers, etc), Hartford, Conn.
Turbine Equipment Co., 50 Church, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse" Type), East Pittsburgh, Pa. *See adv index at end of book*
WHITON D. E. MFG. CO. ("Lee"), New London, Conn.
See adv index at end of book

16155— Tureens (Soup)

International Silver Co., Meriden, Conn.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Manning, Bowman & Co., Meriden, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.

16156— Turmeric

Darragh & Small & Co., Ltd. (Imp), 177 Water, New York.
Fuller & Fuller Co., 540 W Randolph, Chicago, Ill.
Ransom L. E. Co., 271 Pearl, New York

16157—Turnbuckles (Blind)

Reading Hdw. Co. (Also Rim), Reading, Pa.

16158—Turnbuckles (Brass)

Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wilkins, Geo. H. Co., 180 N Market, Chicago, Ill.

16158a—Turnbuckles (For Aircraft)

Baker Gun & Forging Co., Batavia, N. Y.
Dilliner-Meyer Mfg. Co., W. Hoboken, N. J.
Erie Specialty Co., 510 W 12th, Erie, Pa.
Maryland Pressed Steel Co., Hagerstown, Md.
National Aeroplane Co., 55 Washington blvd, Chicago, Ill.
Standard Screw Co. of Penn., Corry, Pa. 70 Washington, Brooklyn, N. Y.
Stolz Jos. & Son, Inc., 841 E 136th, New York

16159—Turnbuckles (Insulated)

Electric Railway Equipment Co. (Malleable Iron), 2900H Cormany av, Cincinnati, Ohio.
Electrose Mfg. Co. (Single & Multi-Part), 70 Washington, Brooklyn, N. Y.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.

16160— Turnbuckles (Piles)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

16161— Turnbuckles (Pipe)

Bacon & Matheson Forge Co. (With Eyes & Jaws), 17H W Lander, Seattle, Wash.
Fisher C. W., 52H Broadway, New York
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
See adv index at end of book
Merrill Bros., 3 Arnold, Maspeth (Boro. of Queens), N. Y.
See adv index at end of book
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

16162—Turnbuckles (Screen Door)

Marine Hardware Equipment Co., South Portland, Maine
See adv index at end of book
National Mfg. Co., Sterling, Ill.

Turnbuckles (Tubular)

See Nuts, Sleeve

16162a—*Turnbuckles (Wire Rope)

American Steel & Wire Co., 208 5 La Salle, Chicago, Ill.
See adv index at end of book
Laughlin Thos. Co., Portland, Me.
See adv index at end of book

16163—Turnbuckles (Wrought Iron)

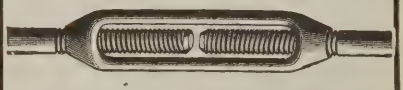
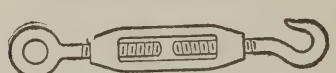
American Bridge Co., 30 Church, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Auer John Jr. (For Wood or Brick Buildings), 197 Middleton, Brooklyn, N. Y.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Channon Jas. H. Mfg. Co., 227 W. Erie, Chicago, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Duval Iron Works, Jacksonville, Fla.
Fisher C. W., 52H Broadway, New York
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Harbor Machine Co. ("Non-Rust"), 183 High, Boston, Mass.
Harrison Bolt & Nut Co., Harrison, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hubbard & Co. (With Welded Eye Bolts), **63rd & Butler, Pittsburgh, Pa.**
Kansas City-Bolt & Nut Co., Kansas City, Mo.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.

LARKIN J. K. & CO. (For Various Purposes), 253 Broadway, New York
See adv index at end of book
Laughlin Thos. Co., Portland, Me.
See adv index at end of book

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Open and Pipe, with stub, eye, hook or shackle ends, also Brass and Bronze.
Send for catalogue.
The Thomas Laughlin Company
Portland, Maine

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Marine Hardware Equipment Co., South Portland, Me.
See adv index at end of book

MERRILL BROS. (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

TURNBUCKLES

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VARIOUS SIZES & LENGTHS
PLAIN OR GALVANIZED

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Newhall Chain, Forge & Iron Co., 89 West New York
O'Leary Arthur J. & Son Co., 65th & 67th av, Chicago, Ill.
PRESTON MOTORS CORP., 24th & 27th av, N. Birmingham, Ala.
See adv index at end of book

REPUBLIC IRON & STEEL CO. ("Brazil" Hexagonal), Youngstown, O.
See Branch Offices Alphabetical Section.
Rhode Island Tool Co. (Drop Forged Plain & Eye & Hook & Eye), Providence, R. I.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Strieby & Foote Co. (Drop Forged Steel), 301 Ogden, Newark, N. J.
Upson-Walton Co., 1294 W 11th, Cleveland, Ohio
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wilkins Geeo. H. Co., 180 N Market, Chicago, Ill.

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Automatic Wood Turnings, Plain, Polished or Enameled

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16163a—*Turnbuckles (Wrought Iron & Steel Drop Forged)

Marine Hardware Equipment Co., S Portland. *See adv index at end of book*

MHECO WELDLESS TURNBUCKLES
Drop Forged in All Lengths
MARINE HARDWARE-EQUIPMENT CO.
So. Portland, Me.
MANUFACTURERS

16164—Turnbuckles (Wrought Iron Truss)

Fisher C. W., 52H Broadway, New York
Marine Headware Equipment Co. (Drop Forged), South Portland, Maine. *See adv index at end of book*
MERRILL BROS. (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

16165— Turn Buttons

Diehl Novelty Co. ("Diehl" Inside for Storm Sash & Screen), Glenbeulah, Wis.

16166— Turners (Cake)

Arcade Mfg. Co. (Steel Blade, wood handle), Freeport, Ill.
Browne & Dowd Mfg. Co., Meriden, Conn.
Browne W. G. Mfg. Co., Kingston, N. Y.
Buffum Tool Co. ("Swastika" for Griddle Cakes), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Catawissa Specialty Mfg. Co. (Turner & Greaser), Catawissa, Pa.
Central Stamping Co., 174 Fulton, New York
Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Crown"), Worcester, Mass.
Hills Edwin, Plainville, Conn.
Kohler Die & Specialty Co., De Kalb, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
National Enameling & Stamping Co., 411
Parks & Parks, Troy, N. Y.
Potter Mfg. Co. ("Potter"), Geneva, O.
Republic Metalware Co. (The), Buffalo, N. Y.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

16167—Turners (Wood, Automatic & Variety)

Bonnett Nicholas & Co., 619 W Adams, Chicago, Ill.
BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Home Light Co. of America ("Holico Inc."), 1955 Park av, New York
Slauf Mfg. Co., 703 S Clinton, Chicago, Ill.

16167a— Turnings (Wood)

BOGERT & HOPPER, INC. (Artists, Novelty Enameled, Back Knife, Fancy Fireworks, Electrical Pianos, etc.), 57 Barclay, New York *See adv index at end of book*
Cady Mfg. Co., Auburn, N. Y.
Carrom Co., Ludington, Mich.
Detroit Wood Products Co., 4332 Horatio, Detroit, Mich.
Estes E. B. & Sons (Architectural, Novelty, Electrical, Enameled, Furniture), 364 5th av, New York *See adv index at end of book*
Newton & Thompson Mfg. Co., 200 5th av, New York
Redlich Mfg. Co., 637-647 W. Oak, Chicago, Ill.
Schultz Bros., 152 Chambers, New York
Slauf Mfg. Co., 703 S Clinton, Chicago, Ill.
Stevenson Mfg. Co. (Electric), South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

16167b— *Turnpins (Plumbers)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

16168— Turns (Cupboard)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Barrows Lock Co., Lockport, Ill.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Frantz Mfg. Co., Sterling, Ill.
Grand Rapids Brass Co., Grand Rapids, Mich. *See adv index at end of book*
Hardware Supply Co., Grand Rapids, Mich.
Lawrence Bros. (All Steel), Sterling, Ill.
National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (Pressed Steel), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Thayer Mfg. Co., Williamsburg, Mass.
Tru Lite Mfg. Co. ("Tru-Lite"), Dept. H, Bradford

16169— Turnstiles

Bright H. V. (Registering), 1104 Prospect, Cleveland, O.
Fiske J. W. Iron Works, 111 Park pl, New York
Lutz Co. Inc., Morris & Bambrey, Phila., Pa.
Moore Edgar M. & Co. (Exit), Farmers' Bank bldg, Pittsburgh, Pa.
PEREY MANUFACTURING COMPANY, INC. ("Perey"), 30 Church, New York *See adv index at end of book*

TURNSTILES


FOR ALL PURPOSES
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30 Church St., New York

Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Snow Wire Works Co. (Registering), Rochester, N. Y.

16170—Turntable Equipments

Nichols Geo. P. & Bro. (Electric, Gasoline & Air), 2139 Fulton, Chicago, Ill. *See adv index at end of book*
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

16171—Turntable Tractors (Electric & Air)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

TURNTABLE TRACTORS
Electric & Air
DETROIT HOIST & MACHINE CO
DETROIT, MICH.

NICHOLS GEO. P. & BRO., 2139 Fulton, Chicago, Ill. *See adv index at end of book*

Nichols Turntable Tractors
More Than 100 Railroads Use Them
GEO. P. NICHOLS & BRO.
Chicago, Ill.

16171a— Turntables

See also following headings

Am. Tube & Stamping Co. (Talking Machine), Dept. H, Bridgeport, Conn.
Louden Machinery Co., Fairfield, Iowa
Whiting Corp., Dept. H, Harvey, Ill.

16172—Turntables (Automobile)

American Bridge Co., 30 Church, New York
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
Beach L. C. Auto Turntable Co., St. Johns, Mich.; 50 Church, New York
Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
Cambridge Iron Works, Cambridge, Mass.
Canton Foundry & Machine Co. ("Universal"), Canton, O.
Ernst C. K. ("Ernst"), Buffalo, N. Y.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Gibbs-Brower Co. (Sterling-Elliott), 261 B'way, New York
Lansing Co., Lansing, Mich.
Lederle Robt. B., Witherspoon bldg, Phila., Pa.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Pitless Auto Turntable Co. (Pitless), Kansas City, Mo.
Portland Garage Co. ("Portland" Washstand Combined), Portland, Me.
Roanoke Iron Works, Roanoke, Va.
Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.
Smith H. Lund, Paterson, N. J.
Withers Foundry & Machine Works, Atlanta, Ga.
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O. *See adv index at end of book*

16173—*Turntables (Automobile Washstand)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

16173a— *Turntables (Ball Bearing)

Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

16174-5—Turntables (Industrial Railway)

See also Turn Tables, Standard Gauge; also Tables, Transfer

American Frog & Switch Co., Hamilton, O. *See adv index at end of book*
Atlas Car & Mfg. Co. (Locomotive, etc), Cleveland, O. *See adv index at end of book*
Canton Foundry & Machine Co. ("Universal"), Canton, O.

TURNTABLES (INDUSTRIAL RAILWAY) —continued

Chambers Bros. Co. (For Brick Yards, etc), 52d bel Lancaster av, Phila., Pa.
Chase Foundry & Mfg. Co. The, 2700 S Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Lake Shore Engine Works, Marquette, Mich.
Light Railway Equipment Co., Commercial Trust bldg., Phila., Pa.
LINK-BELT COMPANY (Ball Bearing), 300 W 39th, Chicago, Il.
See adv index at end of book
Lobdell Car Wheel Co., Wilmington, Del.
Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
NAZARETH FOUNDRY & MACHINE CO., Nazareth, Pa., & 106 Front, New York
Northern Engineering Works, 210 Chene, Detroit, Mich.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Penn Seaboard Steel Co., Franklin Bank bldg., Phila., Pa.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Inc., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Niles, O.

16176—Turntables (Overhead)

Harrington Edw. Son & Co., 17th & Callowhill, Phila., Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Roeker Crane & Hoist Works, Reading, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

16177—Turntables (Pressed Steel)

Steacey-Schmidt Mfg. Co., York, Pa.

16178—Turntables (Show Case)

Pearce Fred'k Co., 20 Rose, New York

16179—Turntables (Standard Gauge)

See also Turntables, Industrial Railway; also Tables, Transfer; also Tables, Transfer, Electric
American Bridge Co., 30 Church, New York
Boston Bridge Works (Railroad Turntables, etc), 47 Winter, Boston, Mass.
Clinton Bridge Works, Clinton, Ia.
Fulton Foundry Co. (Turn Tables Only), 1209 Marquette av, Cleveland, O.
King Bridge Co., Cleveland, O.
McClintic-Marshall Company, Oliver bldg., Pittsburgh, Pa.
Missouri Valley Bridge & Iron Co. (A. J. Thullock, Prop.), Leavenworth, Kan.
Penn. Bridge Co., Beaver Falls, Pa.
Philadelphia Turntable Co., New Castle, Del.
Republic Iron & Steel Co., Oliver bldg, Pittsburgh, Pa.
Sellers Wm. & Co. (Locomotive), 1600 Hamilton, Phila., Pa.
Strobel Steel Construction Co., Monadnock Blk, Chicago, Ill.
Virginia Bridge & Iron Co., Roanoke, Va.

16180— Turpentine

ALABAMA.

ANDALUSIA—Ashe-Carson Co.
Sightler, L. H.
MOBILE—Taylor, Lowenstein & Co.

DELAWARE.

WILMINGTON—
HERCULES POWDER CO.

FLORIDA.

APALACHICOLA—Buck J. F.
Lagoon Co.
BAKERS MILLS—Vickers & Sandlin
BALDWIN—Saucer-Boyd & Co.
BARBERVILLE—Tatum Bro.
BELLE ISLE—Covington W. H. Co.
BLACKMAN—Monroe W. H.
BONIFAY—Britt Bros.
BOWLING GREEN—
BRISTOL—Bristol Naval Stores Co.
BULOW—Bulow Turpentine Co.
CHAMPAIGN—Palmer J. J.
DE FUNIAK SPRINGS—Walton Land & Timber Co.
DE LAND—Tomoka Land Co.
DUPONT—Dupont Land Co.
EDGE—McCormick D. G. Co.
ENVILLE—Weeks P. L. & Co.
FARMDALE—M. B. Davis
FENHOLLOWAY—Malloy Bros. & Turner
FREEPORT—McGaskill J. J. Co.
GREEN COVE SPRINGS—National Pulp & Turpentine Co.
Shands T. W. & Co.
Smith Turpentine Co.
GRIFFIN—Kelly J. K. & Co.
GULL POINT—Pensacola Tar & Turpentine Co. (Wood)
HAMPTON SPRINGS—Malloy, Smith & Co.
HAVANA—Boynton, W. J.
HOLDER—Robinson T. W.
HOLLEY—Bell O. C. & Co.
HOSFORD—Graves Bros. Co.
HURDS—Williams & Williams
JACKSONVILLE—Baldwin & Lewis
Consolidated Naval Stores Co.
Herty Turpentine Cup Co.
Peninsular Naval Stores Co.
JASPER—Sandlin J. R.
KISSIMMEE—Drew Miller & Co.
LAKE BUTLER—Townsend J. W.
LAWTEY—Bostwick, Harley & Co.
LEBANON—King R. M. Lumber Co.
LEE—Baldwin & Lewis
LOUGHMAN—Deen Turpentine Co.
McINTYRE—Cochran & Phillips
MILLCREEK—Omstead O. J.
MILTON—Barber Turpentine Co.
MONTICELLO—Bryan N. C.
McClellan James A.
MOSELEY HALL—Jordan, Millinor & Co.
NEW SMYRNA—Glencoe Turpentine Co.
OCALA—Hall R. S. & Co.
PERRY—Holmes Jas. & Son
ROCKBLUFF—Rockbluff Co.
RODMAN—Rodman Turpentine Co.
SUMATRA—Fryer R. D.
Petteway H. H.
WEBSTER—Getzen J. C.
WILDWOOD—McRainey & Bridges
WILLISTON—Hinson C. & Co.
WOODVILLE—Rhodes G. W.

GEORGIA.

ALBANY—Tyler C. B.
ARLINGTON—Newberry Isaac
BAINBRIDGE—Ansley C. K. C.
BAXLEY—Graham Mrs. S. C. & Son
BLAKELY—McLendon R. R.
Sheffield R. H.
BLITCHTON—Blitch T. N.
BLUFFTON—Hattaway & Co.
CAMILLA—McRee & McNeil
CLIMAX—Peacock & Co.
CLITO—McDougald Ouland & Co.
COLQUITT—Fudge F. E.
Shingler J. S. & Bro.
CYRENE—Hodges C. S.
DAISY—Tippins A. L.
DAMASCUS—Haddock, Taliferro & Co.
DONALDSONVILLE—Shingler T. J. & Bros.
EDEN—Fetzer G. W.
FENDIG—McKinnon L. T. & Co.
GRAHAM—Ursery L. C.
HAHIRA—Malloy D. C. & Co.
HALCYON DALE—Evans I. H.
HAZELHURST—Hall J. F.
HELENA—McMillan & Johnson
HOMERVILLE—Barnhill J. F.
Ferndon J. H.
Peagler H. M.
IRON CITY—Hagan G. W.
LEXSY—Youmans Bros.
McGREGOR—McArthur W. T.
MEIGS—Carter J. N.
MILLTOWN—Brigman, Shingler & Co.
Byrd J. L. & Co.
MINEOLA—Mineola Naval Stores Co.
MONIAC—Knabb L.
MOULTRIE—Moore & Horkan
NIELLY (P. O. at Lumber City)—Smith, T. J.
NORMAN PARK—Norman Bros.
Norman M. D. & J. T.
Norman R. L.
ODUM—O'Quinn W. J. & Sons
PELHAM—Moore, Prince & Co.
QUITMAN—De Soto Co.
SAVANNAH—Antwerp Naval Stores Co.
Chatham Mfg. Co. (Wood)
Columbia Naval Stores Co.
London-Savannah Naval Stores Co.
STATESBORO—McDougald J. A.
STOCKTON—Fry E. Y.
SURRENCY—Ross J. A.
SYLVANIA—Mallory W. A. & Bro.
Pfeiffer C. B. (Est. of)
VIDALIA—Peacock, Kelly & Co.
WHITE OAK—McKinnon & McCarthy

ILLINOIS.

CHICAGO—Adams Fred C. (Mfrs', Agt, Gum Turpentine & Wood Turpentine), 118 N La Salle
Central Commercial Co. (Jobbers), 111 N Market
GENERAL NAVAL STORES CO. INC., McCormick bldg.
Harshaw, Fuller & Goodwin Co., 186 N La Salle

IOWA.

DES MOINES—Ankeney Linseed Mfg. Co., (Jobbers)

LOUISIANA.

COVINGTON—Jones & Pickett
Picayune Turpentine Co.
ELIZABETH—Producers' Turpentine Co. (Wood)
NEW ORLEANS—Forest Products Co., 1212 Whitney
Naval Stores Equipment (Jobbers), Canal Bank bldg

MAINE.

PORTLAND—Brown Corp. ("La Tuque")

MICHIGAN.

CADILLAC—Cadillac Turpentine Co.

MINNESOTA.

ST. PAUL—American Linseed Co., 794 Hampden av

MISSOURI.

ST. LOUIS—Pierce Oil Corp., Bank of Com. bldg

NEW JERSEY.

MILLVILLE—Millville Pulp & Products Co.

NEW YORK.

NEW YORK—Barclay Naval Stores Co. (Wood & Gum Spirit), 60 Delevan
Casey John A. Co. (Jobbers), 144 Maiden la
Fuller Ralph L. & Co., Inc., 81 Fulton
GENERAL NAVAL STORES CO., INC. ("Newport"), 90 West
Georgia Pine Turpentine Co. (of New York) ("Turpyne" Wood), 160 Perry
Harshaw, Fuller & Goodwin Co., 100 William
Larendon M. W. & Co. (Jobbers), 82 Wall
National Aniline & Chemical Co., Inc. (Imp. Russian & Venico), 21 Burling Slip
Rosin & Turpentine Export Co. (Dirs.), 26 Cortlandt
Sealy Thomas (Jobbers "Pine Tree," "Standard," "Paragon," Spirits, 138 Front
Turton C. B. Co. (Jobbers), 16 Exchange pl

NORTH CAROLINA.

CANTON—Champion Fibre Co.
MANLEY—Buchan P. F.
WILMINGTON — North Carolina Naval Stores Co.
Grimes J. A.

OHIO.

CINCINNATI — GENERAL NAVAL STORES CO., INC., Union Central bldg
Winkler Isaac & Bro. Co. (Jobbers), 1st Natl. Bank bldg.
CLEVELAND—Harshaw, Fuller & Goodwin Co., Elec. bldg.
HAMILTON—Champion Fibre Co.

PENNSYLVANIA.

GLENSHAW — Brazilian Turpentine Co. (Ltd.)
PHILADELPHIA—Boley C. H. Co. 3723 N. Randolph
Harshaw, Fuller & Goodwin Co., Jackson & Swanson
PITTSBURGH—Ball Chemical Co. ("B. C. Spirits") Fulton bldg

TEXAS.

DOUCETTE—Long Bell Naval Stores Co.

WISCONSIN.

MILWAUKEE—Newport Turpentine & Rosin Co.

16181—Turpentine (Mineral)

Waverly Oil Works Co. ("Tur-Min-Tine"), 54th, Pittsburgh, Pa.

16182—Turpentine Substitute

Atlantic Turpentine & Pine Tar Co., Savannah, Ga.
Baker Wm. T. ("Pinatine"), 224 Suydam av, Jersey City, N. J.
Boley C. H. Co. ("Quaker" Gum Spirits), 3723 N Randolph, Philadelphia, Pa.
Burbank & Ryder (Varnish Crown Spirits), Boston, Mass.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Climax-Western Oil Co. ("Turpolene" Spirits), 2324 10th av S, Minneapolis, Minn.
Diamond Oil Co., Land Title bldg, Phila., Pa.
Garnet Co., The ("Turpsoid"), Allentown, Pa.
Patton Paint Co. ("Leptyne"), Milwaukee, Wis.
Peerless Thinner Co., Mt. Washington, Md.
Sero Specialty Co., 2860 E 84th, Cleveland, O.
Sun Co., Finance bldg, Philadelphia, Pa.
Terabentine Co., Comm. Trust bldg, Phila., Pa.
TEXAS COMPANY, 17 Battery pl, New York *See adv index at end of book*
Turpsene Mfg. Co. ("Turpsene"), 1901 Callowhill, Phila., Pa.
Verona Chemical Co. (Oil oxidized), Verona av, Newark, N. J.
WAVERLY OIL WORKS CO. ("Tur-Min-Tine"), 54th, Pittsburgh, Pa.

16183—Turret Attachments

Bradford Machine Tool Co., Cincinnati, O.
Goodell-Pratt Co., Greenfield, Mass.
Hendey Machine Co. ("Hendey" for Engine Lathes), Torrington, Conn.

16184-5—Turrets (Tool-Post)

Carson & Hertwig (Cross-Slide), 25 Hackett, Newark, N. J.
Newman Mfg. Co., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Porter Cable Machine Co., Syracuse, N. Y.

16186— Tuyeres & Coolers

Bronze Age Metal Co., 5323 Butler, Pittsburgh, Pa.
Dixie Brass & Foundry Co. (Bronze), Birmingham, Ala.
Getz M. & Co. 162 First, San Francisco, Cal.
Glib V. & Son (Copper), Birmingham, Ala.
Hartman Co., 1231 N Front, Phila., Pa.
Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
Lawrenceville Bronze Co., 39th & A. V. RR, (Also Notches), Bessemer bldg, Pittsburgh, Pa.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Main Iron Works (Coolers), 16th & Daggett, San Francisco, Cal.
More-Jones Brass & Metal Co. (Copper), B'way & Dock, New St. Louis, Mo.
Smeeth-Harwood Co., 2401 W 22nd, Chicago, Ill.
York Hardware & Brass Works Inc. (Coppers), York, Inc.

16187— Tweezers

Adell Mfg. Co. ("Tolman"), Orange, Mass.
Boettiger Louis A. Co. (Hair), 48 Leonard, New York
Bullock Mfg. Associates ("Bullock," Jewelers', Opticians', Dental Surgeons', Printers'), Springfield, Mass.
Celluloid Co., 36 Washington pl., New York
Clark A. N. & Son, Plainville, Conn.
Kohlbusch Herman, Sr., Inc. (Diamond), 149 New York av, Jersey City, N. J.
Ross Jos. & Co., Irvington, N. J.
Ruttgers Ernst Inc., 242-46 Chestnut, Brooklyn, N. Y.
Schnefel Bros., 684 S 17th, Newark, N. J.

16188-9—Tweezers (Piano Makers')

Kraeuter & Co., 583 18th av, Newark, N. J.

16190—*Twin Bolts (For Hollow Walls, Metal, Etc.)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

16191— Twine (Binder)

See also Binder, Twine

(We do not list State Penitentiaries)

American Mfg Co. (Sisal & Manila & Jute) Noble & West, Brooklyn, N. Y.
Chelsea Fibre Mills, 212 5th av, New York
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Emerson Brantingham Co. ("E. B. Osborne"), Rockford, Ill.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Groendyke J. C. Co. (Manila & Sisal), 8 S Dearborn, Chicago, Ill.
Hooven & Allison Co. ("Star-A H."), Xenia, O.
Indianapolis Cordage Co. (Manila & Sisal), Indianapolis, Ind.
International Harvester Co. of America (Inc.), ("Deering," "McCormick," "International," Six Grades — Standard, Sisal, Extra Manila, Manila Superior, Manila, Pure Manila), 702 Harvester bldg, Chicago, Ill.
Jackson Thos & Son Co. (Manila & Sisal), Reading, Pa.
Kelly R. A. Co., Xenia, O.
MacGowen & Finigan, Pierce bldg, St. Louis, Mo.
New Bedford Cordage Co. (Jute), New Bedford, Mass.
Peoria Cordage Co. (Sisal & Manila), Peoria, Ill.
Portland Cordage Co. (Flat) 14th & Northrup, Portland, Ore.
Unity Cotton Mills (Cotton), La Grange, Ga.
Whitlock Cordage Co., 46 South, New York
Winne F. W. & Son, Inc., 237 Market, Phila., Pa.

16192— Twine (Box & Shook)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

16193— Twine (Broom)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Nitram Mfg. Co. (Waterproof), 47H Long, E Orange, N. J.

16194— Twine (Cotton)

Ackerly Paul, Vernon, Conn.
American Bag Co. (also Twine & Burlap), 3d & Harrison, Oakland, Cal.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barrows Mfg. Co., Lansdale, Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bibb Mfg. Co., Macon, Ga.
California Cotton Mills Co. ("B. C." & "B. B.," also Jute), Oakland, Cal.
Cayuga Linen & Cotton Mills, Auburn, N. Y.
Central Mills Co., Southbridge, Mass.
Cleveland Mill & Power Co., Lawndale, N. C.
Demopolis Cotton Mills, Montgomery, Ala.
Dexter Yarn Co., Pawtucket, R. I.
Double Shoal Cotton Mill (Wrapping & Sewing), Double Shoal, N. C.
Eagle Cotton Mills Co., Madison, Ind.
Ederer R. J. Co., 548 Orleans, Chicago, Ill.
Ensign Cotton Mills, Forsyth, Ga.
Enterprise Cotton Mills (In Balls), Enterprise, Ala.
Estes Mills ("D," "W," "B," "A,") Fall River, Mass.
Eureka Cotton Mills, Englewood, Tenn.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Fulton Bag & Cotton Mills ("Eagle Sail"), Atlanta, Ga.
Glencoe Cotton Mills, Columbia, S. C.
Grahamton Mfg. Co., Grahamton, Ky.
Gray S. & Co. (Colored), Walpole, Mass.
Greene & Daniels Co. (Druggists), Pawtucket, R. I.
Gulf Bag Co. ("Bemis" Sail), 330 Notre Dame, New Orleans, La.
Hall Lincoln & Co., 154 Milk, Boston, Mass.
Hodson J. M., Boone & Markle, Philadelphia, Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Humboldt Cotton Mills, Humboldt, Tenn.
January & Wood Co., Maysville, Ky.
Jonesboro Yarn Mills Co., Jonesboro, Tenn.
Kelley Hy. C. Co., 35-37-39 Worth, New York
Knox W. & J. Net & Twine Co., Johnson & Barney, Baltimore, Md.
Lawrence Duck Co., Lawrence, Mass.
Lees Mfg. Co., Westport, Conn.
Linen Thread Co., 96 Franklin, New York
Mallison Braided Cord Co., Athens, Ga.
Manchester Mfg. Co., Macon, Ga.
Missouri Cotton Yarn Mfg. Co. (Wrapping & Sewing), 300 Lynch, St. Louis, Mo.
Montgomery Cordage Co., Montgomery, Ala
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Morice Twine Mills, Water & Tasker, Phila., Pa.
Mt. Vernon-Woodberry Mills, Inc., Continental bldg, Baltimore, Md.
Oakdale Cotton Mills, Jamestown, N. C.
Orange Cotton Mills (Wrapping), Orangeburg, S. C.
Oxford Cotton Mills, Oxford, N. C.
Pelham Mills (In Balls), Pelham, S. C.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Pioneer Cotton Mills, Guthrie, Okla.
Rock River Cotton Co., Jonesville, Wis.
Royal River Mfg. & Power Co., Yarmouth, Me.
Schermerhorn Bros. Co., 5 N La Salle, Chicago, Ill.
Southern Mills Corp., Oxford, Ala.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tennessee Line & Twine Co. (Fancy Colored, on ½ to 60 lb. Tubes), Elizabethton, Tenn.
Thompson Jas. & Co., 112 Prince, New York
Townsend H. C. Cotton Mills (In Balls, also on Cones & Tubes), Anderson, S. C.
Travers Twine & Cordage Co., 81 Warren, New York
Trio Mfg. Co., Forsyth, Ga.
Twine Mills Corp. (White & Colored), Roanoke, Va.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book
Union Twine Co., Canonchet, R. I.
Unity Cotton Mills, La Grange, Ga.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*
West Huntsville Cotton Mills Co., Huntsville, Ala.
Yocona Mills, Water Valley, Miss.
Young J. B., J. & Levick, Phila., Pa.

16195— Twine (Flax)

Barbour Flax Spinning Co., Paterson, N. J.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
California Cotton Mills Co. ("B.C." & "B. B."), Oakland, Cal.
Cating Rope Works, Maspeth, N. Y.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hooper Wm. E. & Sons, 3502 Parkdale av, Baltimore, Md.
Linen Thread Co., 96 Franklin, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Smith & Dove Mfg. Co., Andover, Mass.
Thompson Jas. & Co., 112 Prince, New York
Travers Twine & Cordage Co., 81 Warren, New York
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*

16196— Twine (Ham)

Columbian Rope Co., 3050 Genesee Auburn, N. Y.

16197— Twine (Harness)

Allen J. & S. (Linen), Walpole, Mass.
American Thread Co. (Cotton), 260 W B'way, New York
Ballou Thread Co., 189 Charles, Providence, R. I.
Barrows Mfg. Co. (Cotton & Linen), Lansdale, Pa.
Cranston Worsted Mills, Bristol, R. I.
Fawcett Hughes, 115 Franklin, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Kreitler Chas. (Linen), Newark, N. J.
McComeskey T., 3731 Frankford, Phila., Pa.
Moore C. & Co. (Jacquard), Dept. H, 5th & Market, Phila., Pa.
Smith & Dove Mfg. Co., Andover, Mass.

16198— Twine (Hemp)

American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co. (Indian, Italian & American), West & Noble, Brooklyn, N. Y.
Bailey J. T. & Co., 19th & Washington, Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
California Cotton Mills Co. ("BC" & "BB"), Oakland, Cal.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hanover Cordage Co., Hanover, Pa.
Hooven & Allison Co., Xenia, O.
Kentucky River Mills, Frankfort, Ky.
Linen Thread Co., 96 Franklin, New York
New York Cordage Co., 113 Spring, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Smith & Dove Mfg. Co., Andover, Mass.
Thompson Jas. & Co., 112 Prince, New York
UNION PAPER & TWINE CO., 128 St. Clair av NW, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Winne F. W. & Son Inc., 237 Market, Phila., Pa.

16199— Twine (Jute)

Allentown Spinning Co., Allentown, Pa.
American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co., Noble & West, B'rklyn, N. Y.
Bailey J. T. Co., 19th & Washington, Phila., Pa.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
Chelsea Fibre Mills, 212 5th av, New York
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Crichton Alex F., Wilmington, Del.
Dolphin Jute Mills, Paterson, N. J.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hanover Cordage Co., Hanover, Pa.
Hodson J. M., Boone & Markle, Philadelphia, Pa.
Hooven & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading, Pa.
Linen Thread Co., 96 Franklin, New York
Ludlow Mfg. Associates, 111 Devonshire, Boston, Mass.
Morice Twine Mills, Water & Tasker, Phila., Pa.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Radcliffe & Shaw Co., Glen Rock, Pa.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.
Sutherland & Edwards Co., Paterson, N. J.
Travers Twine & Cordage Co., 81 Warren, New York
UNION PAPER & TWINE CO., 128 St. Clair av NW., Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*
Winne F. W. & Son Inc., 237 Market, Phila., Pa.

16200— Twine (Linen)

Barbour Flax Spinning Co., Paterson, N. J.
Barrows Mfg. Co., Lansdale, Pa.
Boston Thread & Twine Co., 575 Atlantic av, Boston, Mass.
Cable Flax Mills, Schaghticoke, N. Y.
Cayuga Linen & Cotton Mils, Auburn, N. Y.
Ederer R. J. Co., 548 Orleans, Chicago, Ill.

TWINE (LINEN)—continued
Fawcett Hughes, 115 Franklin, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Thompson Jas. & Co., 112 Prince, New York
Union Twine Co., Canonchet, R. I.

16201— Twine (Mattress)

Auburn Converting Co. ("Acco"), 185 Clark, Auburn, N. Y.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Nitram Mfg. Co., East Orange, N. J.

16202— Twine (Paper)

Hayner Geo. M., 541 W 56th, New York
Wortendyke Mfg. Co., ft. 13th, Richmond, Va. *See adv index at end of book*

16203— Twine (Paperhangers')

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.

16204— Twine (Sail)

American Mfg. Co., Noble & West, B'rklyn, N. Y.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bibb Mfg. Co., Macon, Ga.
Brownell Co., Moodus, Conn.
California Cotton Mills Co. ("BC" & "BB" Cotton), Oakland, Cal.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Dexter Yarn Co., Pawtucket, R. I.
Feitel Dan W. Bag Co., Dept. H, New Orleans, La.
Gulf Bag Co. (Imp.), 330 Notre Dame, New Orleans, La.
Hall, Lincoln & Co. (Cotton), 154 Milk, Boston, Mass.
Hanover Cordage Co., Hanover, Pa.
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Trio Mfg. Co. (Cotton), Forsyth, Ga.

16205— Twine (Seine)

American Net & Twine Co., 575 Atlantic av, Boston, Mass.
American Thread Co. (Cotton), 260 W B'way, New York
Ashaway Line & Twine Mfg. Co. (Cotton), Ashaway, R. I.
Bibb Mfg. Co., Macon, Ga.
Brownell Co. (Hard, Medium & Soft Cotton), Moodus, Conn.
California Cotton Mills Co. ("BC" & "BB" Cotton), Oakland, Cal.
Cleveland Mill & Power Co. (Cotton), Lawndale, N. C.
Dexter Yarn Co., Pawtucket, R. I.
Electric Hose & Rubber Co. (For Mfrs. of Braided Hose), 12th & Dure, Wilmington, Del.
Gloucester Net & Twine Co. (Cotton), Gloucester, Mass.
Greene & Daniels Co., Pawtucket, R. I.
Jonesboro Yarn Mills Co. (Cotton), Jonesboro, Tenn.
Kelley Hy. C. Co., 35-37-39 Worth, New York
Knox W. & J. Net & Twine Co. (Cotton), Johnson & Barney, Baltimore, Md.
Lees Mfg. Co., Westport, Conn.
Linen Thread Co. (Cotton), 96 Franklin, New York
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
Neptune Twine & Cord Mills, Moodus, Conn.
N. Y. Net & Twine Co. (Cotton), Moodus, Conn.
Oxford Cotton Mills (Cotton), Oxford, N. C.
Pioneer Cotton Mills (Cotton), Guthrie, Okla.
Purple A. E. (Cotton), Moodus, Conn.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Trio Mfg. Co. (Cotton), Forsyth, Ga.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Unity Cotton Mills, La Grange, Ga.

16206—Twine (Tarred Hemp)

American Mfg. Co., Noble & West, B'rklyn, N. Y.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.

16207— Twine (Wool)

Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Gates Paper Twine Co., Pleasantville, N. Y.

16208-9—Twine (Wrapping)

American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co., Noble & West, B'rklyn, N. Y.
Bibb Mfg. Co., Macon, Ga.
California Cotton Mills Co. ("BC" & "BB" Cotton), Oakland, Cal.
Columbian Rope Co., 3050 Genessee, Auburn, N. Y.

Double Shoal Cotton Mill (Cotton), Double Shoals, N. C.
Enterprise Cotton Mills (Cotton), Enterprise, Ala.
Hanover Cordage Co., Hanover, Pa.
Kentucky River Mills (Hemp), Frankfort, Ky.
Lees Mfg. Co., Westport, Conn.
Linn Mills Co. (Cotton), Landis, N. C.
Mallison Braided Cord Co., Athens, Ga.
Manchester Mfg. Co. (Cotton), Macon, Ga.
Missouri Cotton Yarn Mfg. Co. (Cotton), 300 Lynch, St. Louis, Mo.
Montgomery Cordage Co. (Cotton), Montgomery, Ala.
Mount Pleasant Banding Co. (Cotton), New Bedford, Mass.
Orange Cotton Mills (Cotton), Orangeburg, S. C.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Townsend H. C. Cotton Mills (Cotton & Balls), Anderson, S. C.
Trio Mfg. Co. (Cotton), Forsyth, Ga.
UNION PAPER & TWINE CO., 128 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book*
Wortendyke Mfg. Co., ft. 13th, Richmond, Va. *See adv index at end of book*
Yocona Mills, Water Valley, Miss.

TYPE METALS

UNION SMELTING & REFINING CO., INC.

New York Newark, N. J. Baltimore
Chicago Detroit Cleveland

16210—Type Founders (Lead)

American Type Founders Co., Communipaw av, Jersey City, N. J.
Atlantic Type Foundry Co., 190 Congress, Phila., Pa.
Barnhart Bros. & Spindler (Metal), 32 Throop, Chicago, Ill.
Damon Geo. & Sons, 44 Beekman, New York
Hansen H. C. Type Foundry, 190 Congress, Boston, Mass.
Keystone Type Fdry, 300 Chestnut, Phila., Pa.
Western Type Foundry, 343 S. Dearborn, Chicago, Ill.

16211— Type (Rubber)

Century Rubber Stamp Works, 551 Pearl, New York
Consolidated Stamp Mfg. Co. (Solid), 87 Maiden la, New York
Dorman J. F. W Co. ("Perfection"), 526 N Calvert, Baltimore, Md.
Fulton Specialty Co., Elizabeth, N. J.
Gibson A. C. Co., Buffalo, N. Y.
Smith R. H. Mfg. Co. (Metal Body), Springfield, Mass.
Superior Type Co., 3940 Ravenswood av, Chicago, Ill.
Swisher R. D. Mfg. Co. (Solid, etc., Also Type for All Can Stamping Machines), 415H S Clinton, Chicago, Ill.

16212— Type (Steel)

Burns Typewriter Co., Buffalo, N. Y.
Hulse Mfg. Co., 165 William, New York
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Milwaukee Steel Type & Die Co., Milwaukee, Wis.
New York Stencil Works, 100 Nassau, New York
Schmidt Geo. T., 4100 Ravenswood av, Chicago, Ill.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York

16213— Type (Wood)

American Wood Type Co., 302 McDougal, Brooklyn, N. Y.
Eastern Brass & Wood Type Co., 71 4th av, New York
Empire Wood Type Co., 31 Ferry, New York
Hamilton Mfg. Co., Two Rivers, Wis.

Typewriter Carbon Papers

See Paper, Carbon

16214— Typewriter Parts

Ames & Filstead Co., The, 607 S Dearborn, Chicago, Ill.
Nichols W. H. Waltham, Mass.
Peerless Key Co., 176 Fulton, New York
Stevenson Mfg. Co. (Wooden), South Bend, Ind. *See adv index at end of book*
Waltham Screw Co., Waltham, Mass.

16215— Typewriter Ribbons

American Multigraph Sales Co., 1332 E 40th, Cleveland, O.
American Ribbon & Carbon Co. ("Eagle"), Rochester, N. Y.
Apter Bros. Mfg. Co., 552 W Harrison, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Bayer Frank Co. ("Markwell"), 119 Lafayette, New York
Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.
Brecher E. A. & Co. ("Unxld," "Sterling," "Merit"), 119 Lafayette, New York
Buckeye Ribbon & Carbon Co., 1468 E 55th, Cleveland, O.
Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.
Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York
Corona Supply Co. ("Corona"), Rochester, N. Y.
Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe"), Rochester, N. Y.
De-Fi Mfg. Co. ("De-Fi Polychrome"), 150 Nassau, New York
Downes & Co. ("So Klean"), 63 Wall, New York
Foyer Chas. A. & Co. ("Foyer"), 1104 Prospect av, Cleveland, O.
Heale J. A. & Co. ("H.-B.," "Crystal," "Rival," "Export"), 96 John, New York
Hunt Jasper Mfg. Co., 536 S Clark, Chicago, Ill.
Imperial Mfg. Co., 297 Washington, Newark, N. J.
Ink Ribbon Mfg. Co. ("Peacock" Silk Typewriter Ribbons & Carbon Paper, "Flo-Eze" Inks, "Quicksticker" Mucilage & Paste, "Irco" Stamp Pads & Stamp Inks), 635 Howard, San Francisco, Cal.
International Carbon Paper Co. ("I. C. P. Co"), 100 Grand, New York
Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.
Kruse Printing Ink Co., 437 Pearl, New York
Little A. P., Rochester, N. Y.
Manifold Supplies Co., 188 3d av, Brooklyn, N. Y.
Mercury Mfg. Co. ("Mercury"), 17 Elm, Rochester, N. Y.
Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Elk," "Aurora," "M. B. P."), Aurora, Ill.
Minford Ribbon & Carbon Co., 9 Walker, New York
Mittag & Volger ("Eureka"), Park Ridge, N. J.
Monarch Supply Co. Inc., 390 E Main, Rochester, N. Y.
National Ribbon & Carbon Co., 1466 E 55th, Cleveland, O.
Neidich Process Co., Burlington, N. J.
Non-Smut Carbon Mfg. Co., Rochester, N. Y.
Old Town Ribbon & Carbon Co., 245 Centre, New York
Pelton George E. & Co. ("Peau-de-Soie"), Georgetown, Ky.
Pen-Carbon Manifold Co. ("Cotton King" Mercerized Silk), New Brunswick, N. J.
Phillips Ribbon & Carbon Co. ("Philico"), 17H Elm, Rochester, N. Y.
Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.
Smith Premier Works, Remington Typewriter Co., Syracuse, N. Y.
Smith S. T. Co., 116 Duane, New York
Snelling & Son, 225 34th, Brooklyn, N. Y.
Stafford S. S., 609 Washington, New York
Storms H. M. Co. ("American," "Cameo," "Reliance," "Whitedge"), 11 Vandewater, New York
Typeribbon Mfg. Co. ("Van Sen"), 711 S Dearborn, Chicago, Ill.
Underwood J. & Co., 63 Park pl, New York
Union Ribbon & Carbon Co. ("Summit"), 67 Laurel, Phila., Pa.
United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 S. 8th, Philadelphia, Pa.
Utica Carbon & Wax Paper Co., Utica, N. Y.
Vacuo-Static Carbon Co. ("Wearebest"), Rochester, N. Y.
Wayne Specialty Co. (Re-Inking), Ft. Wayne, Ind.
Webster F. S. Co. ("Star"), 340 Congregational, Boston, Mass.
Yost Works, Remington Typewriter Co., Bridgeport, Conn.

16216— Typewriters

Allen Typewriter Co., Allentown, Pa.
American Writing Machine Co., 339 B'way, New York
Blickensderfer Mfg. Co., Stamford, Conn.
Columbia Typewriter Mfg. Co., 37 W 116th, New York
Corona Typewriter Co. ("Corona"), Groton, N. Y.
Elliott-Fisher Co., Harrisburg, Pa.
Fox Typewriter Co., Grand Rapids, Mich.
Galesburg Writing Machine Co. ("Chicago"), Galesburg, Ill.
Hammond Typewriter Co. ("Hammond") Visible, 537 E 69th, New York
Noiseless Typewriter Co., Middletown, Conn.
Oliver Typewriter Co. ("Oliver"), 159 N Dearborn, Chicago, Ill.
Pruit Co., 112G N La Salle, Chicago, Ill.
See adv index at end of book
Remington Typewriter Co., 374 B'way, New York. Works: Ilion, N. Y.
Royal Typewriter Co. ("Royal"), 364 B'way, New York. Works: New Park av, Hartford, Conn.
Secor Typewriter Rep. Co. ("Secor" Visible), Derby, Conn.

Simplex Typewriter Co., 644 1st av, New York
Smith L. C. & Bros. Typewriter Co., Syracuse, N. Y.
Smith Premier Works, Remington Typewriter Co., Syracuse, N. Y.
Sun Typewriter Co., 317 B'way, New York
Underwood Typewriter Co., 30 Vesey, New York
Union Typewriter Co. ("Yost"), Bridgeport, Conn.
Victor Typewriter Co., 47 W 42d, New York
Visigraph Typewriter Co., 37 W 116th, New York
Williams Mfg. Co., Ltd., Plattsburg, N. Y.
Woodstock Typewriter Co., 35 N Dearborn, Chicago, Ill.
Yost Writing Mach. Co., 345 B'way, New York

16217—Typewriters (Adding & Billing)

Elliott-Fisher Co., Harrisburg, Pa.
Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.
Moon-Hopkins Billing Machine Co. ("Hopkins" Writing, Adding & Indexing Machines), 2235 O'Fallon, St. Louis, Mo.
Underwood Typewriter Co., 30 Vesey, New York

16218—Typewriters (Shorthand)

Stenotype Co. ("Stenotype"), Indianapolis, Ind.

16219—Typewriters (Telegraphic)

American Telegraph Typewriter Co., 251 W 19th, New York
Universal Machine Co., 501 E Preston, Baltimore, Md.

16220—Ultra Violet Rays Producing Apparatus

General Electric Co., Schenectady, N. Y.
See adv index at end of book
HANOVIA CHEMICAL & MFG. CO., 100 Chestnut, Newark, N. J.
R. U. V. Co., 165 B'way, New York

16221— Ultramarine Blues

Behrend F., Inc., 170 Front, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Heller & Merz Co., 503 Hudson, New York
International Ultramarine Works, 115 Leonard, New York
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Standard Ultramarine Co. (Also Laundry), Huntington, W. Va.
Ultramarine Co. (Domestic), 38 Park row, New York
Waldo E. M. & F. (Also Laundry), 11 B'way, New York (Selling Agents)

16222—Umber (Burnt & Raw)

Chrystal Chas. B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Commercial Co., Ltd., of U. S. (Imp.), 295 B'way, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O. *See adv index at end of book*
Heller & Merz Co., 505 Hudson, New York
Reichard Coulston Inc. (Imp.), 303 5th av, New York
Smith J. Lee & Co. (Imp., Raw & Burnt), 19 Jacob, New York
Waldo E. M. & F., 11 B'way, New York
WILLIAMS C. K. & CO. (Raw or Burnt), Easton, Pa.
See adv index at end of book

16223— Umbrella Mfrs.

Altshuler Bros., 345 4th av, New York
Bamberger Herman Co., 877 B'way, New York
Bauer Bros. Mfg. Co. (Wagon Sunshades), Richmond & Carr, Cincinnati, O.
Becker & Thomas Co., Cleveland, O.
Cappel A. & Son, Dayton, O.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Dougherty Bros. Tent & Awning Co. (Wagon), 116 S 4th, St. Louis, Mo.
Eckam Arthur G., Rochester, N. Y.
Elkus Co., 729 Mission, San Francisco, Cal.
Excelsior Umbrella Mfg. Co., 73 Summer, Boston, Mass.
Finver Bros. & Co., 126 5th av, New York
Follmer, Clogg & Co., 114 5th av, New York, & Lancaster, Pa.
Gans Bros., 100 S Hanover, Baltimore, Md.
Henryson I. P. & Co., 20 W 20th, New York
Huff John P., Troy, N. Y.
Hull Bros. Umbrella Co., Toledo, O.
Hulse Bros. & Daniel Co., 16 W 22nd, New York
Kreis & Hubbard, 320 S Franklin, Chicago, Ill.
Kronmiller Geo. & Son, 139 N Gay, Baltimore, Md.
Kuhn E. C., 8 W 4th, Cincinnati, O.
Lazarus J. & Co., 74 Franklin, New York
Lemmers Umbrella Co., The Arcade, Cleveland, O.
Miller Bros. & Co., 894 B'way, New York
Moneton Wireless Umbrella Co., Wilmington, Del.
National Umbrella Co., 1372 W 6th, Cleveland, O.
Newland Hat Co., 162 Jefferson av, Detroit, Mich.
Patton R. J. & Co. (Wagon), 222 E 4th, Cincinnati, O.
Polan, Katz & Co., 2 Market pl, Baltimore, Md.
Quier C. D. Top Co. (Wagon Sunshades), Kansas City, Mo.
Rainshine Umbrella Co., 715 Main, Kansas City, Mo.
Rich Wm. H., Jr., 164 5th av, New York
Rose Bros. & Co., Lancaster, Pa.
Shaler Umbrella Co., Waupun, Wis.
Siegel, Rothschild & Co., Howard & Baltimore, Baltimore, Md.
Stevenson Low & Co. (Cotton, Silk & Parasols), 85 5th av, New York
Stokley Jas. & Co., 728 Cherry, Phila., Pa.
Stoopack & Garbat, 37 E 18th, New York
Tim Jno. W. & Son, 633 Penn av, Pittsburgh, Pa.
Ware Arthur W. & Co., 12 E 18th, New York
Western Umbrella Co., Omaha, Nebr.
Wolfson Bros. Umbrella Co. ("Weatherking," "Weather-Queen"), 392 B'way, New York

16224—Umbrella Parts (Steel)

Fretz, Gross & Co. ("Foldwell"), 22nd & Sedgley av, Phila., Pa.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
Townsend Co. (Tips), New Brighton, Pa.

16224a— Umbrellas (Folding)

Follmer, Clogg & Co., 114 5th av, New York
Gans Bros, 100 S Hanover, Baltimore, Md.

16225—Umbrellas (Wagon, Truck & Advertising)

Perfection Mfg. Co., 2701 N Leffingwell av, St. Louis, Mo.
Textile Product Mfg. Co., Park av & Dolman, St. Louis, Mo.
Troy Carriage Sun Shade Co., Troy, O.

16226—Underframes (Steel Car)

American Bridge Co., 30 Church, New York
Bettendorf Co. (For Freight Cars, Bettendorf, Ia.
Cambria Steel Co, Widener bldg, Phila., Pa.
Chicago Steel Car Co., Harvey, Ill.
Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.
Greenville Steel Car Co., Greenville, Pa.
Hamilton Wm. Sons Car Co., Newark, O.
Illinois Car & Mfg. Co. (Freight Car), 20 W Jackson blvd, Chicago, Ill.
Lincoln Steel & Forge Co., 5701 Natural Bridge av, St. Louis, Mo.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co. (For All Kinds of Freight & Passenger Cars), Columbus, O.
Virginia Bridge & Iron Co., Roanoke, Va.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

16227—Uniforms (Baseball & Athletic)

Chicago Sporting Goods Mfg. Co., 211 N Carpenter, Chicago, Ill.
Cullum & Boren Co., Dallas, Texas
Dudley Chas. H., Hanover, N. H.
Onondaga Indian Wigwam Co., Syracuse, N. Y.
Rawlings Mfg. Co., 23d & Lucas av, St. Louis, Mo.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.
Sunset Knitting Co. (Knit Goods), 334 Sutter, San Francisco, Cal.
Wilson Thos. E. & Co., 727 N Sangamon, Chicago, Ill.

16228—Uniforms (Employees')

Greenwood-Atkinson-Armstrong Co., 25 Woodword, Detroit, Mich.
Lilley M. C. & Co., Sixth & Long, Columbus, O.
Newcomb F. H., 136 Flatbush av, Brooklyn, N. Y.
Orr C. F. & Co., 209 S State, Chicago, Ill.
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, C.
Singer A. L. & Co., 367 W Adams, Chicago, Ill.
Wendell, Fay & Co., 229 4th av, New York

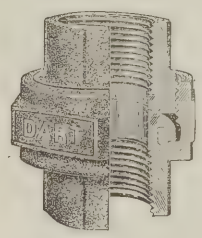
16228a— *Unionalls

COUCH COTTON MILLS CO. INC., Atlanta, Ga.
COUCH MILLS CO., Atlanta, Ga.

16229— Unions

ACHESON MFG. CO. (Barge), Rankin, Pa.
See adv index at end of book
American Block & Mfg. Co. ("Welco"), Warren, Ohio
Athol Pump Co. (1¼ & 1½ in. for Wrought Iron & Lead Pipe), Athol, Mass.
Atkinson Co. (Brass, also Ground Joint Soldering), Rochester, N. Y.
Bard Union Co. (Inc.), ("Bard"), Norwich, Conn.
Belfield H. Co. (Brass), 435 N Broad, Phila., Pa.
Berry Union Co. (Boltless Flange), 400 Godchaux bldg, New Orleans, La.
Brigman Bros. Co. ("Bridgman" Brass & Brass Screwed), 131 S 31st, Phila., Pa.
Buckeye Iron & Brass Works (Brass Joint, Radiator Elbow), Dayton, O.
CRANE CO., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crawford & Tyler, North Dana, Mass.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Dart E. M. Mfg. Co., 134 Thurbers, Providence, R. I. *See adv index at end of book*

DART UNIONS



HAVE
2 Bronze Seats 2
Malleable Iron Pipe Ends and Nut.
A free sample will demonstrate its merits.
E.M. Dart Mfg. Co.
PROV., R. I.

Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Devlin Thos. Mfg. Co. ("National"), 3rd & Lehigh av, Phila., Pa.
Eastwood Wire Mfg. Co. (Bronze, End Flanged, etc.), Belleville, N. J.
Edward Valve & Mfg. Co. (Cast Iron & Forged Steel), Edison bldg., Chicago, Ill.
Eureka Brass Works ("Eureka" Brass), 1040 Hulbert av, Cincinnati, O.
Exeter Brass Works (Brass), Exeter, N. H.
Fairbanks Co., 416 Broome, New York
Flagg, Stanley G. & Co. ("Keystone," Soft Metal Seat), Morris bldg, Phila., Pa.
General Fire Extinguisher Co. ("Flanged Cast Iron, etc), Providence, R. I.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hamlin & Emery Brass Co. (Brass), 49 Island, Boston, Mass.
Hancock Mfg. Co., Charlotte, Mich.
Hays Mfg. Co. (Brass), Erie, Pa.
Illinois Malleable Iron Co. (Brass & Iron), 1801 Diversey blvd, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Jefferson Union Co. ("Jefferson," for High & Low Pressure), Lexington, Mass.
Kelly & Jones Co. ("Norustocta," "Penn," "Pitt," "Octa Penn," "Octa Pitt" & Standard Malleable, Brass & Cast Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Ball Joint), 253 Broadway, New York
See adv index at end of book
Lawrenceville Bronze Co. ("Zelco" Tuyere), Bessemer bldg, Pittsburgh, Pa.
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCambridge Co., 315 N 20th, Phila., Pa.
McMANN & TAYLOR CO. ("Mantaco"), 104 John, New York
See adv index at end of book
McNabb & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
Malleable Iron Fitings Co. ("M. I. F. Co.") (Malleable), Branford, Conn.
Mark Mfg. Co. ("Mark" Cold Drawn Steel), Evanston, Ill.
National Brass Mfg. Co. (Brass), Rochester, N. Y.
Newbury Mfg. Co. (Grey Iron), Monroe, N. Y.
New York Brass Foundry Co. ("Stillbech" Extra Heavy), 403 Broome, New York
Pancoast Henry B. Co. ("American"), 950 N Front, Phila., Pa.
Pittsburgh Brass Mfg. Co. (Brass, Extra Heavy), Penn & 32d, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co. (Brass, Straight & Universal), 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. (Brass), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Rex-Harris Fire Appliance Co. (Brass), 310 W 39th, New York
Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
Rockwood Sprinkler Co. ("Rockwood" Pressed Steel), Worcester, Mass.

UNIONS—continued
Standard Union Co., 7 Water, Boston, Mass.
Stockham Pipe & Fittings Co. (Flange, Cast Iron & Semi-Steel), Birmingham, Ala.
Stoddard Union Co., Warren, O.
Tight Joint Co. ("Tight-Joint" Flanged, for High Pressure), 310 E 47th, New York
Williams D. T. Valve Co., Cincinnati, O.
Williams Franklin, Inc. ("Tuxedo," Bronze), 37 Cortlandt, New York

16229a—Unions (All Brass)

ACHESON MFG. CO., Rankin, Pa.
See adv index at end of book
LUNKENHEIMER CO. (Executive Offices & Factories), Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book

16230—*Unions (Brass, Brazing & Flared Tubing)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.

16231— Unions (Flange)

ACHESON MFG. CO. (Brass), Rankin, Pa.
See adv index at end of book
American Block & Mfg. Co. ("Welco"), Warren, Ohio
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bard Union Co. ("Bard"), Norwich, Conn.
Berry Union Co., 400 Godchaux bldg, New Orleans, La.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, **Pa.**
Dart E. M. Mfg. Co. ("Dart"), 134 Thurbers av, Providence, R. I.
See adv index at end of book
Detroit Brass & Malleable Wks. (Cast Iron), 1177H Holden, Detroit, Mich.
Edward Valve & Mfg. Co. (& Steel Box), East Chicago, Ind.
General Fire Extinguisher Co. (Cast Iron), Providence, R. I.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Jefferson Union Co. ("Jefferson" Malleable Iron, Bronze or Brass Seat), Lexington, Mass.
Kane Supply Co. (Extra Heavy), Kane, Pa.
Kelly & Jones Co. (Cast Iron, Malleable & Brass), 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Steam Metal), Kokomo, Ind.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Newbury J. H., Goshen, N. Y.
Pittsburgh Valve, Foundry & Construction Co., 26th & A V R. R., Pittsburgh, Pa.
Powell Wm. Co. (Brass), Cincinnati, O.
See adv index at end of book
Zurn J. A. Mfg. Co., Dept. H, Erie, Pa.

16231a—Unions (Long Screw)

Kemp C. M. Mfg Co, 405 E Oliver, Baltimore, Md.

16232—Unions & Nipples (Soldering)

American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Atkinson Co., Rochester, N. Y.
Berry Union Co., 400 Godchaux bldg, New Orleans, La.
Buckeye Iron & Brass Works, Dayton, O.
Burlington Brass Works, Burlington, Wis.
Cleveland Brass Mfg. Co. (Brass), 4606 Hamilton, Cleveland, O.
Flannery P. J. Co., New Britain, Conn.
Glauber Brass Mfg. Co, 49th & Superior av N E, Cleveland, O.
See adv index at end of book
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hays Mfg. Co., Erie, Pa.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kokomo Brass Works, Kokomo, Ind.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Maco Products Corp., 154 Nassau, New York
Mueller H. Mfg. Co., Decatur, Ill.
Prier Brass Mfg. Co., Kansas City, Mo.
Savill's Thos Sons, 1310 Wallace, Philadelphia, Pa.
Schlueter M. L. (Caterpillar), 225 W. Illinois, Chicago, Ill.
Springfield Brass Co., Springfield, O.
Union Brass & Metal Mfg Co, Lawson & Mackubin, St. Paul, Minn.
Union Water Meter Co. (Combination Soldering Nipple), Worcester, Mass.
United Lead Co. (Lead & Iron), 111 Broadway, New York
Williams D. T. Valve Co., Cincinnati, O.
Wolverine Brass Works, Grand Rapids, Mich.

16232a— Units (Truck)

Ames Motor Car Co. ("Ames"), Owensboro, Ky.
Bessemer Motor Truck Co., Grove City, Pa.
Cole & Discon ("C. & D." Attachment Truck Units), 236 W. 54th, New York
Cole Truckmobile Co. ("Truckmobile"), 408 Lafiin, 1720 S Michigan av, Chicago, Ill.
Dearborn Truck Co. ("Dearborn"), 2015 S Michigan av, Chicago, Ill.
Detroit Truck Co. ("Tonford"), 816 2nd, Detroit, Mich.
Frazier W. S. & Co. (Cabs), Dept. H, Aurora, Ill.
Hamilton Wm. Sons Car Co. ("Jewett"), Newark, O.
Hayes-Diefenderfer Co. ("Xtend-a-Ford"), 1876 B'way, New York
Horizontal Hydraulic Hoist Co. (Dumping), 608 Gratiot, Detroit, Mich.
Iowa Motor Co. ("Iowa"), Ottumwa, Ia.
Knox Motors Co. ("Knox"), Springfield, Mass.
Longford Co. of America, Cambridge, Mass.
Make A Motor Truck Co. ("Make A Motor Truck"), 1508 Michigan av, Chicago, Ill.
Maxfer Truck & Tractor Co. ("Maxfer"), Harvey, Ill.
Rayford Co. ("Rayford"), 2d & Indiana, Phila., Pa.
Redden Motor Truck Co. ("Redden"), 676 Woodward av, Detroit, Mich.
Robinson Machine Co. ("Truckford"), 584 Franklin, Detroit, Mich.
Rothweiler Truck Co. ("Rothweiler"), Seattle, Wash.
Smith-Form-A-Truck Co. ("Smith-Form-A-Truck"), 2015 S Michigan, Chicago, Ill.
Stewart Mfg. Co. ("Uni-Truck"), Waterloo, Ia.
Swedish Crucible Steel Co. ("Olson"), Butler & Grand Trunk RR, Detroit, Mich.
Ton-A-Ford Truck Co. ("Ton-A-Ford"), Racine, Wis.
Union Truck Mfg. Co. ("Union"), 250 W 54th, New York
Woodward Truck Attachment Co. ("Woodward"), Los Angeles, Cal.
Wright Truck Attachment Co. ("Wright"), Seattle, Wash.

16233-4— Unloaders (Coal Car)

Acme Road Machinery Co., Frankfort, N. Y.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Galion Iron Wks. Mfg. Co., Dept. H, Galion, Ohio
Lee Trailer & Body Co., 2343 S La Salle, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

Unloaders (Portable)

See Conveyors, Portable

16235— Unloaders (Sling)

LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
MYERS F. E. & BRO. ("Myers Sure Grip," Cross Draft "Clover Leaf," "Faultless" Triple Hoist, Right Angle Elevator & "Sure Grip" 2-Fork **Unloader, Unloaders), 900 4th, Ash**land, O. *See adv index at end of book*

16236— Unloaders (Stone)

Acme Road Machinery Co., Frankport, N. Y.
Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Galion Iron Works & Mfg. Co. ("Eclipse" Portable), Galion, O.
Sunbury Mfg. Co., Dept. H, Sunbury, O.

16237—Unloaders (Sugar Cane Car)

Chain Belt Co., Milwaukee, Wis.
FULTON IRON WORKS CO., St. Louis, Mo. *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

16238— Unloaders (Timber)

Byers Machine Co. The, 242 Sycamore, Ravenna, O. *See adv index at end of book*
Soule Steam Feed Works, Meridian, Miss.

16239— Unloaders (Vessel)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Specialty Engineering Co., Trenton & Allegheny avs, Phila., Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book

16239a— *Upholstery

Chase L. C. & Co. ("Chase Leatherwove" & "Chase Velmo" Furniture & Motor Car), 89 Franklin, Boston, Mass.
See adv index at end of book

CHASE VELMO FOR UPHOLSTERY

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Fabrikoid Div. ("Craftsman Fabrikoid"), Wilmington, Del.
See adv index at end of book

16239b—*Upholstery Materials

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Fabrikoid Div. (Bookbinder Supplies, etc.), Wilmington, Del. *See adv index at end of book*
Hoenigsberger A. ("Conservatory" Velours), 16 S Market, Chicago, Ill.

16240— Upsetters (Tire)

See also Shrinkers, Tire & Axle

Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Butts & Ordway Co. ("B. & O." "Shur Grip"), 33 Purchase, Boston, Mass.
Champion Blower & Forge Co. ("Star"), Lancaster, Pa.
Fulton Iron Works, 39 Franklin, Detroit, Mich.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Kane & Roach ("K. & R."), Syracuse, N.Y.
Luther Mfg. Co. ("Black Giant," Upset Punch & Shear Combined), Olean, N. Y.
Munnsville Plow Co. ("Punch"), Munnsville, N. Y.
Rockford Mfg. Co. ("Rockford"), Rockford, Ill.

16241— Uranium

Carolina Mineral Co., Penland, N. C.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Radium Luminous Matl. Corp., 55 Liberty, New York
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

16241a— Uranium Chloride

Cooper Chas & Co., 194 Worth, New York

16241b— Uranium Nitrate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Warren Products Co., 265 Canal, New York
See adv index at end of book

16242— Uranium Oxide

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Feuchtwanger L. & Co., 74 Cortlandt, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
York Metal & Alloy Co., York, Pa.

16242a— Uranium (Salts of)

Standard Chemical Co., Vanadium bldg., Pittsburgh, Pa.

16242b— Uranium (Sulphate)

Cooper, Chas. & Co., 194 Worth, New York

16242c— Urea

American Cyanamid Co., 511 5th, New York

16243— Urinal Stalls

Crane Co. (Porcelain), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Ebinger D. A. Sanitary Mfg. Co. ("Ebinger"), 181 Lucas, Columbus, O.
Edwardsville Brass Co. (Trimmings), Edwardsville, Ill.
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York
Monument Pottery Co. (Porcelain), Trenton, N. J.
Mott J. L. Iron Works ("Imperial," Porcelain), Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Trenton Potteries Co., Trenton, N. J.
Walls, Owen & Stambach Co. (Soapstone), 11th & Hamilton, Phila., Pa.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

16244— Urinals (Public)

Alberene Stone Co., 223 23rd, New York
American Foundry & Furnace Co., Bloomington, Ill.
Central Foundry Co. (Cast Iron), 90 West, New York
Crane Co. (Porcelain), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Imperial Brass Mfg. Co. ("Watrous," "Duojet"), 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Sanitas Mfg. Co. ("Terminal," "Revere"), 105 Washington, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

16245— Urinometers

Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.

16246—Urns (Tea & Coffee)

Aldrich Mfg. Co., Buffalo, N. Y.
American Metal Ware Co., 368 W. Huron, Chicago, Ill.
Arine Carl H. Mfg. Co., 1348-52 DeKalb av, Brooklyn, N. Y.
Barth L. & Son (Dlrs.), H, Cooper Sq., New York
Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Blickman Isidor (Coffee), 479 First av, New York
Blickman S. (Copper), Manley & Mount, Long Island City, N. Y.
Manley & Mount, Long Island City, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bramhall-Deane Co. ("Superior"), 261 W 36th, New York
Buffalo Mfg. Co., Buffalo, N. Y.
Buzzini Walter J., 505 W 21st, New York Pa.
Consolidated Mfg. Co., Dayton, O.
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Hutchinson Bros., 5 S Howard, Baltimore, Md.
International Silver Co., Meriden, Conn.
Janous Kramer Range Co. (Coffee), 640 W Randolph, Chicago, Ill.
Joesting & Schilling Co., 379 Sibley, St. Paul, Minn.
Koehler & Hinrichs, St. Paul, Minn.
Kreamer A., Inc., 307 Kent av, Brooklyn, N. Y.
Kronman E., 248 Lafayette, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
Meek Oven Mfg. Co. ("Meek Gas"), Newburyport, Mass.
Miller A. G., 108 Centre, New York
Pick Albert & Co. (Also Hot Water Urns), 212 W Randolph, Chicago, Ill.
Ray Geo. A. Mfg. Co. (Also Hot Water Urns, All Copper, Nickel Plated, etc), Buffalo, N. Y.
Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
Sexton S. B. Stove & Mfg. Co., 500 W Conway, Baltimore, Md.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Stearnes Co., 133 W Lake, Chicago, Ill.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Watkins Jas. Y. & Son, 20 Catherine, New York
Williams & Poore, 22 Medford, Boston, Mass.

16247—Urns & Vases (Terra Cotta)

Clark N. & Sons, 116 Natoma, San Francisco, Cal.

16248—Vacuum Cleaners (Hand & Power)

Advance Mfg. Co., Kalamazoo, Mich.
Air-Way Co. ("Air Way Pnumode"), 1501 W Bencraft, Toledo, Ohio
Allen Alex., 426 Pearl, Buffalo, N. Y.
Am. Radiator Co. ("Arco Wand" Stationary & Truck), 816 Michigan av, Chicago, Ill.
American Vacuum Cleaning Co., 17 Wadsworth, Buffalo, N. Y.
Apex Electrical Mfg. Co., 1067 E 152d, Cleveland, O.
Atwood Vacuum Cleaner Co. ("Atwood," Hand & Power, Stationary & Portable), Rockford, Ill.
Banner Machine Co. ("Banner" Hand), Columbiana, O.
Beach-Russ Co., 50G Church, New York *See adv index at end of book*
Birtman Electric Co. ("Bee," Electric Suction), Lake & Desplaines, Chicago, Ill.
Bissel F. Co. ("Bissell" Electric), Toledo, O.
Blaisdell Machinery Co. (Power), Bradford, Pa.
Braun Electric Mfg. Co. (Portable), Dover, O.
Bright Circle Mfg. Co., Toledo, O.
Buckeye Brass & Mfg. Co., 6410 Hawthorne, Cleveland, O.
Clayton-Marlborough Mfg. Co. ("M. D. S." Power), Rochester, N. Y.
Clements Mfg. Co. ("Cadillac," "Reliable," "Little Ben," "Big Ben"), 609 Fulton, Chicago, Ill.
Cleveland Specialty & Mfg. Co., Cleveland, O.
Clifton-Pratt Co. (Power), 1224 W 8th, Cincinnati, O.
Cyclone Brush Co. ("Cyclone," Hand, Electric), Bradford, Pa.
Domestic Appliance Co., Rochester, N. Y.
Domestic Vacuum Cleaner Co. ("Domestic" Hand & Electric), Torrington, Conn.
Doty Mfg. Co., Dayton, O.
Drake Hdwe. Co., Friendship, N. Y.
Duntley Pneumatic Sweeper Co., 412-414 S. Market, Chicago, Ill.
Duntley Products Co., Erie, Pa.
Eclipse Machine Co. (Power Only), Sidney, Ohio
Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
Electric Vacuum Cleaner Co. ("Frantz Premier" Electric), Ivanhoe rd, Cleveland, O.
Elite Vacuum Cleaner Mfg. Co. ("Elite"), Kesner bldg, Chicago, Ill.
Elliott Electric Co., 813 Superior av, Cleveland, O.
Emery Chas. W. & Sons ("Superb," "Superb Jr.," "Cadillac Special," "King," "Princess," "Emery 4" Electric), 1304 Diamond, Phila., Pa.
Eureka Vacuum Cleaner Co., 101 B'way, Detroit, Mich.
Everson Mfg. Co. (Portable Electric), 271 Franklin, Boston, Mass.
Everybody's Vacuum Cleaner Co., 80 5th av, New York
Federal Sign System (Electric), 6700 S State, Chicago, Ill.
Feeney Mfg. Co., Muncie, Ind.
Geier P. A. Co. ("Royal" Electric), Cleveland, O.
Gen'l. Compressed Air & Vacuum Machinery Co. (Portable & Stationary, Electric & Belt Driven Railroad Car Cleaners, etc.), St. Louis, Mo.
Gits Elec'l Co., 1121 Washington bldg, Chicago, Ill.
Glidden, Wilmot & Son (Power), Oak Park, Ill.
Gray Iron Foundry Co. ("Crown," "Queen A," "Queen B," Hand), Reading, Pa.
Hamilton Beach Mfg. Co. ("Hamilton Beach"), Racine, Wis.
Hanlon & Wilson ("Vak-Klean"), Wilkinsburg, Pa.
Hoover Suction Sweeper Co., North Canton, O.
Houston Mfg. Co. (Stationary Power), Rockford, Ill.
Hugro Mfg. Co. ("Victor," "Golden Rod" Hand & Electric House), 327 La Salle, Chicago, Ill.
Hurley Machine Co. ("5" & "12" Electric), 29 S Clinton, Cicero, Ill.
Innovation Electric Co. ("Magic" Electric), 585 Hudson, New York
Invincible Vacuum Cleaner Mfg. Co. (Power), Dover, Ohio
Jakway-Motor-Cone Vacuum Cleaning Mfg. Co., 135 Wood av, Syracuse, N. Y.
Jeffrey Hydro Mfg. Co., 824 Columbus bldg, Cleveland, O.
Jewel Vac. Cleaner Co., 226 N Jefferson, Chicago, Ill.
Kent Vacuum Cleaner Co. ("Kent" Stationary & "Vacuna" portable), Rome, N. Y.
Kieswetter Jos. F., Toledo, O.
Knox Geo. S. Co., Wilkinsburg, Pa.
Lazarus Mfg. Co., 750 Prospect av, Cleveland, O.
Leasure Vacuum Cleaner Co. (Hand), Bradford, Pa.
Lima Cleaning Machine Co. (Power), Lima, O.
Milwaukee Vacuum Machinery Co., 195 B'way, Milwaukee, Wis.
Morrow Co., Waukegan, Ill.
National Sweeper Division of the Torrington Co. ("Torrington," "Electric" & Hand Power), Torrington, Conn.
Ohio Co., 145 W 45th, New York
Palm Vacuum Cleaner Co. (Stationary), 2671 E Gd. blvd, Detroit, Mich.
Pease F. B. Co. (Water Power), Rochester, N. Y.
Peoria Can Co. ("Hoosier" Hand Power), Peoria, Ill.
Perfection Vacuum Cleaner Co. (Power, Stationary & Portable), 25 N Jefferson, Chicago, Ill.
Pittsburgh Electric Specialties Co., Ross & 1st, Pittsburgh, Pa.
Pneuvac Co., 51 Jackson, Worcester, Mass.
Quam Pneumatic Cleaner Co. (Hand & Power)), 243 Lake, Milwaukee, Wis.
Racine Electric Co., Racine, Wis.
Ramey Co. ("Duplex," "Simplex"), Chillicothe, O.
Regina Co. ("Regina," Pneumatic), 47 W 34th, New York
Rex Cleaner Co. ("Rex"), 481 Kent av, Brooklyn, N. Y.
Richmond Radiator Co. ("Richmond" Stationary & Portable), 1480 B'way, New York
SANTO VACUUM CLEANER CO. ("Santo"), 1304 Diamond, Phila., Pa.
Scott & Fetzer Co. ("Vacuette"), W 114th & Locust av, Cleveland, Ohio
Semco Mfg. Co. ("Semco"), Nashville, Tenn.
Shannon Lafe Co., Waterloo, Ia.
Spencer Turbine Co. ("Spencer"), Hartford, Conn.
Standard Mfg. Co. ("Wands"), Syracuse, N. Y.
Sterling Machine & Stamping Co. ("Thunderbolt"), Wellington, Ohio
Sterling Vacuum Cleaner Co. ("Sterling Hand), Worcester, Mass.
Sturtevant B. F. Co. ("Sturtevant," Electric Power), 15 Damon, Hyde Park, Boston, Mass.
Suction System Cleaning Co. ("Princess" Electric), Sidney, O.
Thurman Vacuum Cleaner Co. (Portable & Stationary, Electric & Gasoline, for Home & Railroad), H Pontiac bldg, St. Louis, Mo.
United Electric Co. ("Tuec" Stationary, "Ohio Tuec" Portable), Canton, O.
United Vacuum Appliance Co. ("Connersville" & "Capitol" Stationary), Connersville, Ind.
Universal Electric Co. (Hand), 63 Elizabeth, Detroit, Mich.
VERBECK HARRY CO. (Mfrs. Agent), 208 N. Wells, Chicago, Ill.
Vital Mfg. Co. ("Vital"), 7500 Quincy av, Cleveland, O.
Warner Co. ("E-Z"), Muncie, Ind.
Western Electric Co. ("Sturtevant"), 463 West, New York
Winans Machine Co., Binghamton, N. Y.
Wise Co. "America" (Electric), New Philadelphia, O.

16249—Vacuum Drying & Impregnating Apparatus

See also Dryers, Vacuum

Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co. ("Emil Passburg"), Buffalo, N. Y.
Hubbard's Norman Sons, 265 Water, Brooklyn, N. Y.
Scott Ernest & Co. ("Scott"), Fall River, Mass.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

16250— Valleys (Roll Tin)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Messenger & Parks Mfg. Co. (Galvanized), Aurora, Ill.
Niles Iron & Steel Roofing Co. (Galvanized & Tin), Niles, O.
Ohio Corrugating Co., Warren, Ohio.
Whitaker-Glessner Co. ("Galvanized Steel & Ohio Metal" & "Portsmouth Iron"), Wheeling, W. Va.

16251— Valonea Importers

Haley-Hammond Co., 129 Pearl, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Marden, Orth & Hastings Co., 136 Liberty, New York

16252-3—Valve Balls (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Jenkins Bros., 80 White, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
U. S. Rubber Co., 1790 B'way, New York

16254—Valve Cups (Leather)

Detroit Leather Specialty Co., (Inc.), ("Wear Well"), 275 Beecher av, Detroit, Mich.
Dragon Mfg. Co. (& Pumps for Oil Field Use), Marietta, Ohio
Hough Chas. N. Mfg. Co., Franklin, Pa.
Parker Cup & Specialty Wks., Parker Landing, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Whittlesey's M. E. Sons, Corry, Pa.

Valve Grinding Materials

See Steel, Emery

16255—Valve Mfrs. for Steam, Gas & Water

For Jobbers of these Goods see Plumbers' Supplies, Jobbers; also Steam Fitters' Supplies, Jobbers
For Various Kinds of Valves see Subclassifications following this list
Acton John, 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American District Steam Co., North Tonawanda, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.

VALVE MFRS. FOR STEAM, GAS & WATER—continued

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Valve Co., Coxsackie, N. Y.
Ashton Valve Co. ("Ashton" Steam & Water), 161 First, Cambridge, Mass.
Atwood & Morrill, 48 Loring av, Salem, Mass.
Baker Ice Machine Co., Omaha, Neb.
Bashlin Co., Warren, Pa.
Bay State Brass Co., Haydenville, Mass.
Beaton & Cadwell Mfg. Co., New Britain, Conn.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Boyer Valve Co., 2828 La Salle, St. Louis, Mo.
Bourbon Copper & Brass Works, Cincinnati, O.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Capitol Brass Works, 596 Franklin, Detroit, Mich.
Cash A. W. Co., 250 E. Wood, Decatur, Ill. *See adv index at end of book*
Cayuta Mfg. Co., Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Chicago Mfg. Co. ("Lippy"), Chicago Jct., Ohio
Coal Muffler & Safety Valve Co., 825 E Oliver, Baltimore, Md.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Commonwealth Brass Works (Packers), 625 Commonwealth, Detroit, Mich.
Consolidated Safety Valve Co., 119 W 40th, New York
Coon-DeVisser Co., 1772H W. Lafayette blvd, Detroit, Mich.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Johnson"), Beach & Ball, Phila., Pa.
Crane Co., Bridgeport, Conn.
Crane Co., 386 S. Michigan av., Chicago, Ill. *See adv index at end of book*
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co., 154 Nassau, New York
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
Davis Louis N., West Chester, Pa.
d'ESTE JULIAN CO., 26 Canal, Boston, Mass. *See adv index at end of book*
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Dorn & Marcellus Co., Mascher & York, Phila., Pa.
Eddy Valve Co., Waterford, N. Y.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Engberg Electric & Mechanical Works (Electro Hydraulic Valve), St. Joseph, Mich.
Engineers' Appliance Co. ("Hydromatic" Automatic Water Valves), Cleveland, Ohio
Evans Mfg. Co. (Ltd.), Butler, Pa.
Everlasting Valve Co., 2 Rector, New York
Eynon-Evans Mfg. Co., N 15th & Clearfield, Philadelphia, Pa.
Fairbanks Co., 416 Broome, New York

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Farrell Valve & Specialty Co., Austin bldg, Buffalo, N. Y.
Fewlass-Leen Brass & Iron Co., 610 E. Front, Cincinnati, O.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher Governor Co., Marshalltown, Ia.
Ford Thos. P. Co., 407 Broome, New York
Ford & Kendig Co. (Brass, Iron & Steel), 1428 Callowhill, Phila., Pa.
Foster Engineering Co. (Automatic), 109 Monroe, Newark, N. J.
French Oil Mill Machy Co., Piqua, O.
Frick & Lindsay (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Gold Car Heating & Lighting Co. ("Gold's Cyclone" for Passenger & Refrigerator Cars), 220 36th, Brooklyn, N. Y.
Gould Balance Valve Co., Kellogg, Ia.
Hancock Inspirator Co., 119 W 40th, New York
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Harvey's A. Sons Mfg. Co., 28 1st, Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Hughson Steam Spec. Co. ("Eclipse"), W 21st & Racine av, Chicago, Ill.

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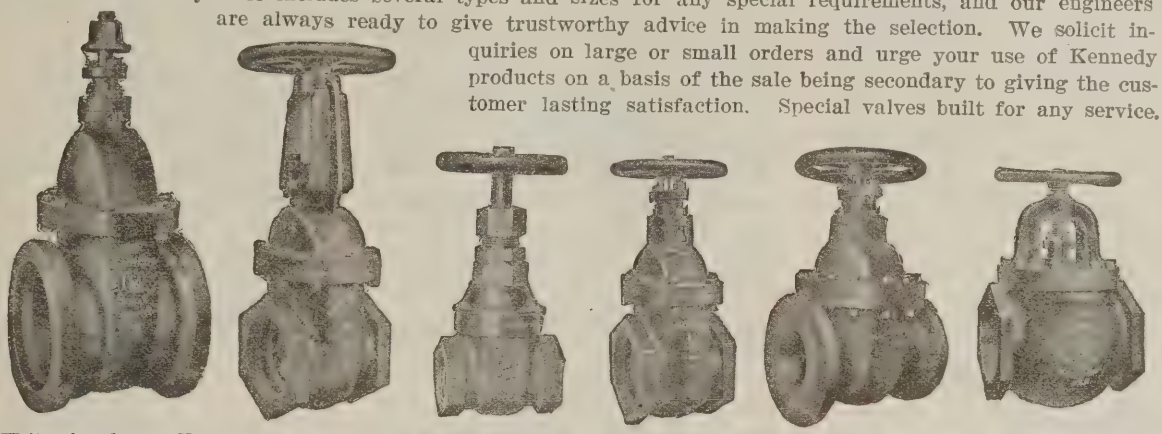
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Young C. C. (Steam), Jersey Shore, Pa.

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Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
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16258—Valve Testing Device

WESTINGHOUSE AIR BRAKE CO. ("Westinghouse," Portable, Triple), Pittsburgh, Pa.

16259— Valves (Accumulator)

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Chemical Equipment Co. ("Ceco"), 2457 S. Western av, Chicago, Ill.
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Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
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Lawler Regulator Co. ("Lawler" Automatic Floatless for Hot Water Radiators), 55 W Houston, New York
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Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
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Johnson Service Co. ("Johnson"), 149 Michigan, Milwaukee, Wis.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
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Production Engng. Co. (For Blast Pipes for Cupolas), 1716 Spring Garden, Phila., Pa.
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Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
McAlear Mfg. Co., 190 So. Western av, Chicago, Ill.
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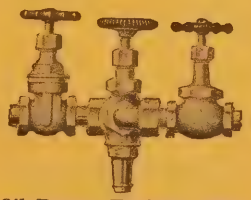
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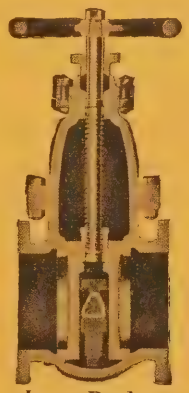
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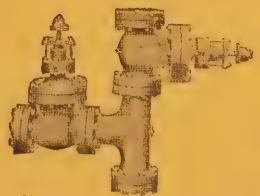
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Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Hussey, McCann & Co., 87 Warren, New York
Illinois Engineering Co. ("Eclipse") W 21st & S Racine avs, Chicago, Ill.
Jenkins Bros. ("Excelsior"), 80 White, New York
Keeble Alex. K., Lawrence, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller, 84 W 13th, New York
Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.
Konold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
Larkin J. K. & Co., 253 B'way, New York *See adv index at end of book*
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McAlear Mfg. Co., 1901 So Western av, Chicago, Ill.
Nason Mfg. Co., 71 Fulton, New York
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162nd, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Pratt & Cady Co., Hartford, Conn.
Ruggles-Klingeman Mfg. Co. ("R.-K."), Salem, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Stephens Roe Mfg. Co. ("Scott"), 1097 McKinley, Detroit, Mich.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Worthington Pump & Machy. Corp., 115 Broadway, New York *See adv index at end of book*

16273— Valves (Back Water & Sewer Gas)

Barrett Jas. Mfg. Co., ("Barrett," "O. D."), 117 Pearl, Boston, Mass.
Edwardsville Brass Co., Edwardsville, Ill.
Fairbanks Co., 416 Broome, New York
Glenn Mfg. Co. ("Glenn" Combination Floor Drain & Back Water), St. Charles, Ill.
KENNEDY VALVE MFG. CO. ("Pennie"), Elmira, N. Y. *See adv index at end of book*
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Zurn J. A. Mfg. Co. ("Palmer"), Dept. H, Erie, Pa.

16274— Valves (Balance)

Acton John, 118 John, Brooklyn, N. Y.
American Balance Valve Co. ("American" Balanced Regulating), 131 S 31st, Phila,. Pa.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Atwood & Morrill (Lever), 48 Loring av, Salem, Mass.
Baker Valve Co. ("Baker" Balanced Piston), 1855 E 28th, Minneapolis, Minn.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bridgman Bros. Co. ("Quick Opening" Balanced Regulating), 131 S 31st, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Davis G. M. Regulator Co. (Steam, Air & Water), 434 Milwaukee av, Chicago, Ill.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Foster Engineering Co. (Lever), 109 Monroe, Newark, N. J.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Gould Balance Valve Co., Kellogg, Ia.
Hammett H. G. ("Richardson" & "Allen-Richardson" Slide Locomotive), Troy, N. Y.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill. *See adv index at end of book*
Hennebohle Frank (Steam, Gas, Air & Hydraulic), 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York *See adv index at end of book*
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McAlear Mfg. Co. 1901 S Western av, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Nason Mfg. Co. (Balance & Quick Opening), 71 Fulton, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Ruggles-Klingemann Mfg. Co. ("R-K") (For Steam or Float Tank Service), Salem, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Spencer Regulator Co. ("Spencer"), Salem, Mass.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Waters Governor Co., 141 Milk, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16274a—Valves (Balanced Float)

Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
"S-C" Regulator Mfg. Co., Fostoria, O.

16275—Valves (Balanced Lever)

d'Este Julian Co., 24 Canal, Boston, Mass. *See adv index at end of book*
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co., 1192 Adams, Boston, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16276— Valves (Ball)

American Ball Valve & Mfg. Co., 578-80 Franklin, Detroit, Mich.
Chicago Well Supply Co. (Bronze), 232 W Ontario, Chicago, Ill.
Crane Co. (Angle, Check & Globe), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Draper Mfg. Co., Port Huron, Mich.
Fairbanks Co ("Sphero"), 416 Broome, New York
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Williams D. T. Valve Co., Cincinnati, O.

16277—Valves (Ball Stock)

Ticonderoga Machine Works, Ticonderoga, N. Y.

16278— Valves (Bell End)

Fairbanks Co., 416 Broome, New York
Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16279—Valves (Bicycle Tire)

See also Valves, Motor Tire
Schrader's A. Son, Inc. ("Schrader Universal" Pneumatic), Brooklyn, N. Y.

16280—Valves (Blast Furnace)

Amsler Morton Co., Hoboken, Pa.
Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Hartman Co., 1231 N Front, Phila., Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16281— Valves (Blast & Gas)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Connersville Blower Co., Connersville, Ind.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Marshall Foundry Co. (Gas), 28th & R R, Pittsburgh, Pa.
Miller W. R. Co. (Gas), House bldg, Pittsburgh, Pa.
Morgan Construction Co. (Dyblie, Reversing Valves for Gas & Air), Worcester, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Gas), Hartford, Conn.
Roots P. H. & F. M. Co., Connersville, Ind.
Smith Gas Engng. Co. ("Smith"), Dayton, Ohio
Steere Engineering Co. (Gas), 7342 Woodward, Detroit, Mich.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Weimer Machine Works Co., Lebanon, Pa.
WESTERN GAS CONSTRUCTION CO. (Gas), 1431 Buchanan, Fort Wayne, Ind.
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

16282— Valves (Bleeder)

Cochrane H. S. B. W. Corp., 3147 N 17th, Phila., Pa.

16282a—Valves (Block Tinned, Brass & Iron)

Marsh Valve Co., Erie, Pa.
Nason Mfg. Co., 71 Fulton, New York

16283— Valves (Blow-off)

Acton John, 118 John, Brooklyn, N. Y.
American Foundry & Const. Co., 2nd av & **Longworth, Pittsburgh, Pa.**
Baker Mfg. Corp. ("Baker & Shevlin"), Saratoga Springs, N. Y.
Bashlin Co., Warren, Pa.
Bordo L. J. Co. (For Locomotives, also Blower), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Brass & Iron Wuy, etc), Dayton, O.
Cadman A. W. Mfg. Co. ("Indestructible" High Pressure, etc.), 2816 Smallman, Pittsburgh, Pa.
Chapman Valve Mfg. Co. ("Chapman") Indian Orchard, Mass.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
CRANE CO. (Boiler, Locomotive & Stationary), 836 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Crosby Steam Gage & Valve Co. ("Johnstone"), 40 Central, Boston, Mass. *See adv index at end of book*
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Douds Frank C. & Co. ("Douds"), New Castle, Pa.
Eastwood Wire Mfg. Co. (For Digesters, etc), Belleville, N. J.

VALVES (BLOW-OFF)—continued
Edward Valve & Mfg. Co. ("Edward"), Chicago Heights, Chicago, Ill.
Elliot Co., Dept. H, Jeanette, Pa.
Elliott B. K. Co. ("Faber"), 126 6th, Pittsburgh, Pa.
Everlasting Valve Co., 2 Rector, New York
Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
Fairbanks Co. ("Sphero"), 416 Broome, New York
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Fowden Wm. T. ("Security"), Chester, Pa.
FRICK & LINDSAY CO. (Schiller Seatless, Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Hancock Inspirator Co., 119 W 40th, New York
Hanson E. M. & Co. ("R. C."), 130H N 4th, Phila., Pa.
Haydenville Co. (Brass & Iron), Haydenville, Mass.
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Homestead Valve Mfg. Co., ("Homestead"), Pa.
Illinois Engineering Co., W 21st & Racine avs, Chicago, Ill.
Jenkins Bros. (Y or Blow-Off), 80 White, New York
Kelly & Jones Co. ("Y," & "Myers" Pattern), 135 Water, Pittsburgh, Pa.
Konold M. J. Co. (Locomotive), Bessemer bldg, Pittsburgh, Pa.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Duro," "Renewo" Locomotive, Angle & Straightway), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
McRae & Roberts Co., 100 S Campbell av, Detroit, Mich.
Nason Mfg. Co., 71 Fulton, New York
National Supply Co. ("Shaw"), Toledo, O.
Neenah Brass Works, Neenah, Wis.
Newhall Geo. M. Engineering Co. ("Vance" Compound), Commercial Trust bldg, Philadelphia, Pa.
O'Malley-Beare Valve Co. ("Multiplate" for Locomotive & Stationary Plants), Railway Exchange bldg, Chicago, Ill.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162nd, New York
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Cyclone," "White Star," "Powell" & Y), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Richardson-Phenix Co. ("R. P. Nokut"), Milwaukee, Wis.
Robertson Jno. F. Co. ("Robertson"), Park bldg, Pittsburgh, Pa.
Sargent Co. ("E. S. E." for Locomotives), 625 N Jackson blvd, Chicago, Ill.
Schiller Jos. F. ("Nolan"), 316 S Lawrence, Philadelphia, Pa.
Schiller, Nolan & Co. ("Nolan"), Darien & Wood, Phila., Pa.
Scully Steel & Iron Co. ("Everlasting"), 2364 S Ashland av, Chicago, Ill.
Shevlin Geo. F. Mfg. Co. ("Baker & Shevlin"), Saratoga Springs, N. Y.
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Talmage Mfg. Co., 279 W 3d, Cleveland, O.
Vance-Vetter Co., Phipps Power bldg., Pittsburgh, Pa.
Watson & McDaniel Co. ("W. & McD.," Straightway), 146 N 7th, Phila., Pa.
Wickes Boiler Co., Saginaw, Mich.
Williams D. T. Valve Co., Cincinnati, O.
Wiltbonco Mfg. Co. ("Freeport"), 24 Porter, Boston, Mass.
Yarnall-Waring Co. ("Yarway" & Seatless), Chestnut Hill, Phila., Pa.

16284—Valves (Boiler Feed)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Edward Valve & Mfg. Co. ("Edward" Boiler Feed Pump), Edison bldg, Chicago, Ill.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Jenkins Bros., 80 White, New York
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
New Bedford Valve Mfg. Co., New Bedford, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams D. T. Valve Co., Cincinnati, O.

16285— Valves (Boiler Stop)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Jenkins Bros. (Jenkins Automatic Equalizing Stop & Check), 80 White, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McAlear Mfg. Co. (Boiler Stop), 1901 S Western av, Chicago, Ill.
New Bedford Valve Mfg. Co. (& Reverse Current), New Bedford, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star" Automatic Non-Return Regulator), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Williams D. T. Valve Co.. Cincinnati, O.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

16286— Valves (Butterfly)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Improved Appliance Co., 413 Kent av, Brooklyn, N. Y.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Marshall Foundry Co., 28th & R R, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Powell" Brass & Iron), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
SCHUTTE & KOERTING CO. ("Schutte" Engine Stops, etc.), 1251 N 12th, Phila., Pa.
See adv index at end of book
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

16287— Valves (By-Pass)

Darling Valve & Mfg. Co., Williamsport, **Pa.**
Fairbanks Co., 416 Broome, New York
Ford Thos. P. Co., 407 Broome, New York
GRISCOM-RUSSELL CO. (High Pressure), 92 West, New York
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*
Lloyd Construction Co. ("Lloyd"), Detroit, Mich.
LUNKENHEIMER CO. ("Victor"). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C"), Hartford, Conn.

16288—Valves (Carbonic Acid Gas)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York

16289— Valves (Cask)

Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.

16290— Valves (Check)

Acton Jno. (Boiler Antomatic Stop & Triple Duty), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co., (Hydraulic), 208 Camden, Boston, Mass.
American Valve Co. (Swing), Coxsackie, N. Y.
Aterite Co. Inc. ("Aterite" & "Fanosite" for Sulphuric Acid), N E cor John & William, New York
Bashlin Co., Warren, Pa.
Belfield H. Co., 435 N Broad, Phila., Pa.
For branch offices see Alphabetical Section
Boyts Porter & Co., Dept. H, Connellsville, Pa.
Breeze Carbureter Co, 250 South, Newark, N. J.
Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.
Chambersburg Engng Co., (Hydraulic) Chambersburg, Pa.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
CRANE CO. (Angle, Cross & Globe), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Crane Co., Bridgeport, Conn.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Davis G. M. Regulator Co. (Auto), 434 Milwaukee, av, Chicago, Ill.
Decatur Pump & Mfg. Co., Decatur, Ill.
Detroit Brass Works, 331 Holden, Detroit, Mich.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Draper Mfg. Co. (Ball Check), Port Huron, Mich.
Eastwood Wire Mfg. Co. (Regrinding), Belleville, N. J.
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. ("Edward" Vertical & Horizontal), Edison bldg, Chicago, Ill.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Eynon-Evans Corp. (Extra Heavy), N 15th & Clearfield, Phila., Pa.
Fairbanks Co., 416 Broome, New York
Fewlass-Leen Brass & Iron Co, 610 E Front, Cincinnati, O.
Flower Stephen Mfg. Co., 201 Clayton, Detroit, Mich.
Foster Engineering Co. (Automatic Non-Return Stop), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
General Ceramics Co. (Stoneware), 50 Church, New York
General Fire Extinguisher Co. (Iron Body), Providence, R. I.
Globe Automatic Sprinkler Co. ("Globe" Alarm Model E), 2035H Washington av, Phila., Pa.
Golden-Anderson Valve Specialty Co., Fulton, bldg, Pittsburgh, Pa.
Hall Mfg. Co., Harrison, N. J.
Hancock Inspirator Co. (Swing), 119 W 40th, New York
Haydenville Co. (Brasss & Iron Body), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hennebohle Frank (Automatic), 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Hinman D. A. & Co. ("Enterprise," "Horizontal"), Sandwich, Ill.
Hoffman B. Mfg. Co. (Brass & Iron), 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 100 2d, **Milwaukee, Wis.**
Homer Brass Works (Inc.), 231 Race Phila., Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Brass, Iron Body, etc), 135 Water, Pittsburgh, Pa.
KENNEDY VALVE MFG. CO. ("Swinging"), Elmira, N. Y.
See adv index at end of book
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill
Lagonda Mfg. Co. (Automatic Cutoff), Springfield. O.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Locke Regulator Co., Salem, Mass.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Long Grate Bar Co ("Geiser," Automatic Water Gauge), Buffalo, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Renewo" Ball & Swing). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McAlear Mfg. Co., 1901 So. Western av, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See adv index at end of book

McNab & Harlin Mfg. Co., 55 John, New York
Mark Mfg Co., Evanston, Ill.
Max Machine Co. ("K-V"), Clinton, Mass.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Mueller H. Mfg. Co. (Non-Foulding Turbine), Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
National Brass Mfg. Co. (Swing Check), Rochester, N. Y.
Neenah Brass Works, Neenah, Wis.
Nelson Valve Co. (Horizontal Cup, Vertical, Swing & Cushioned Stop & Check & Horintal Check), Harrison bldg., Philadelphia, Pa.
Ohio Brass Co. ("O-B" Bronze), Mansfield, O. *See adv index at end of book*
Ohio Injector Co. ("O. I. Co."), Wadsworth, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Peck Bros. & Co., New Haven, Conn.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d, New York
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. & V. R. R., Pittsburgh, Pa.
POWELL WM. CO. ("Powell White Star," "Crescent" & "Star" Horizontal Angle, Swing Ball, Vertical, etc.), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P. & C"), Hartford, Conn.
Rensselaer Valve Co. (Horizontal), Troy, N. Y.
Richardson-Phenix Co. ("R. P. Nokut"), 131 2d, Milwaukee, Wis.
Robertson Jno. F. Co. ("Robertson" Noiseless), Park bldg, Pittsburgh, Pa.
Ruggles-Klingemann Mfg. Co. (Reverse Floor Bleeder), ("R-K"), Salem, Mass.
SCHUTTE & KOERTING CO. "Schutte" Automatic Emergency Stop Check), 1251 N 12th, Phila., Pa. *See adv index at end of book*
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Southwark Foundry & Machine Co.., 1128 S 4th, **Phila., Pa.**
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co. ("Flower," "Scott," "Rouse"), 1097 McKinley, Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Trill Indicator Co., Elm, Corry, Pa. *See adv index at end of book*

CORRY CHECK VALVES

For use on any gas or liquid. Costs a little more, but is guaranteed to outlast at least two of the best valves you can obtain elsewhere. Cannot stick open or shut. Discount cheerfully quoted.

TRILL INDICATOR COMPANY
Elm St., Corry, Pa.

Walworth Mfg. Co., Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Williams Wm. E. ("Wew"), 62 Front, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

16291— Valves (Chimney)

Amsler Morton Co., Hoboken, Pa.
Hartman Co. (For Blast Furnace), 1231 N Front, Phila., Pa.

16292—Valves (Chronometer)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Garrett W. D. & Co., 126 Liberty, New York
Kelly & Jones Co. ("Empire" Automatic), 135 Water, Pittsburgh, Pa.
McAlear Mfg. Co., 1901 So Western av, Chicago, Ill.
Ruggles-Klingemann Mfg. Co. (Variable Opening) ("R-K"), Salem, Mass.
Union Water Meter Co. (For Water, Steam, Gas & Pump Regulation), Worcester, Mass.

Valves (Closet Flushing)

See Valves, Flushing

Valves (Coke Oven)

See Valves, Gas & Coke Oven

16292a—Valves (Combined Trip & Throttle)

Coldwell Wilcox Co., Newburgh, N. Y.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

16293—Valves (Conductors')

Driscoll Wire Co., Shelton, Conn.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

16294— Valves (Corner)

Buckeye Iron & Brass Wks. (With or Without Jenkins Disc), Dayton, O.
Fairbanks Co., 416 Broome, New York
Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.

16295— Valves (Critchlow)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Morgan Engineering Co., Alliance, O.
Pittsburgh Valve, Foundry & Construction Co. (Operating), 26th & A. V. R. R., Pittsburgh, Pa.

16296— Valves (Cross)

Buckeye Iron & Brass Works (Regrinding Cross, Crosshead, Pump, etc), Dayton, Ohio
Crane Co. (Brass & Iron), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
Hancock Inspirator Co., 119 W 40th, New York
Hoffmann B. Mfg. Co. (Iron Body), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. ("Excelsior," Regrinding) 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg., Chicago, Ill.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star," "Model Star" & "Crescent"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
Williams Wm. E. ("Wew"), 62 Front, New York
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

16297— Valves (Cut-off)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
OVEN EQUIPMENT & MFG. CO. (Automatic for Gas Burners), New Haven, Conn. *See adv index at end of book*
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*

16298—Valves (Cylinder Operated)

Coldwell-Wilcox Co., Newburgh, N. Y.
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co. ("Stuart" Two Pressure), 26th & A. V. R. R., Pittsburgh, Pa.

16299—Valves (Diaphragm Reducing)

Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y. *See adv index at end of book*
Watson & McDaniel Co. ("Watson"), 146 N 7th, Phila., Pa.

16299a— Valves (Electric Trip Throttle)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

16300—Valves (Electrically Operated)

Chapman Valve Mfg. Co. ("Chapman") Indian Orchard, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
General Electric Co., Schenectady, N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
LARNER-JOHNSON VALVE & ENGINEERING CO., Widener bldg, Phila., Pa.
Locke Regulator Co. ("Locke" Engine), Salem, Mass.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Lunkenheimer Co., Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.

16301—Valves (Emergency)

Davis G. M. Regulator Co. ("Davis" Stop), 434 Milwaukee av, Chicago, Ill.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Foster Engineering Co. (Boiler Safety Stop Combination or 4 Duty), 109 Monroe, Newark, N. J.
Garrett W. D. & Co. (Boiler Shut-Off), 126 Liberty, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
National Brake & Electric Co. (And Variable Release, "National" for Electric Cars), ft. Belleview pl, Milwaukee, Wis.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16302-3—Valves (Engine & Tank)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co. (Automatic Stop Engine), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Handlan-Buck Mfg. Co. ("Cotter's"), 210-14 N. 3d, St. Louis, Mo.
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
Hoffmann B. Mfg. Co. (Three-Way Engine), **257 6th, Milwaukee, Wis.**
Searle Electric Welding Works (Engine), 817 W Washington blvd, Chicago, Ill. *See adv index at end of book*
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16304— Valves (Exhaust)

Baker Ice Machine Co. (Automatic), Omaha, Neb.
Barco Brass & Joint Co. (Automobile), 212 W Illinois, Chicago, Ill.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Cochrane H. S. B. W. Corp., 3147 N 17th, Phila., Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co. (Relief), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Davis G. M. Regulator Co., 434 Milwaukee av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Ford-Clark Co., 3125 Perkins av, Cleveland, O.
Foster Engineering Co. (Free Exhaust), 109 Monroe, Newark, N. J.
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill. *See adv index at end of book*
Mead-Morrison Mfg. Co. ("Three-Way"), cor Prescott & Orleans, East Boston, Mass.
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Schutte & Koerting Co. ("Schutte" Marine Free Exhaust), 1251 N 12th, Phila., Pa. *See adv index at end of book*



For atmospheric relief connection on exhaust line to condenser. Vacuum tight; automatic in action. See also Valves (Pressure Reducing). *Catalog 8-E.*

SCHUTTE & KOERTING CO.
1251 North 12th Street
Philadelphia, Pa.

16304a—Valves (Exhaust Turbine)

Chapman Valve Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Kennedy Valve & Mfg. Co., Elmira, N. Y.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16305-6— Valves (Fibre)

See also Fibre Manufacturers, Hard

American Vulcanized Fibre Co. (Vulcanized), 504 Equitable bldg, Wilmington, Del.
Brandywine Fibre Products Co. ("Davis"), East Wilmington, Del.
Continental Fibre Co. (Vulcanized Fibre), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshalltown, Del. *See adv index at end of book*
Diamond State Fibre Co., Bridgeport, Pa.
Spaulding J. & Sons Co. Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Wilmington Fibre Specialty Co. (Vulcanized), Wilmington, Del.

16307— Valves (Flap)

Coldwell-Wilcox Co., Newburgh, N. Y.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Ludlow Valve Mfg. Co. (For Sewers), ft. of Adams, Troy, N. Y.

16308— Valves (Float)

American Steam Gauge & Valve Mfg. Co. ("American Ideal" Automatic), 208 Camden, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Welby Special," "Jumbo," "Perfection"), New Britain, Conn.
Bushnell Tank Works, Bushnell, Ill.
Butler Co., Butler, Ind.
Caldwell W. E. Co., Louisville, Ky.
Commonwealth Brass Corp. (Gasoline), 5781 Commonwealth av & Ry, Detroit, Mich.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Davis G. M. Regulator Co. ("Davis"), 434 Milwaukee av, Chicago, Ill.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich
Eddy Valve Co. (Automatic Balance), Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Fairbanks Co., 416 Broome, New York
Flint & Walling Mfg. Co. "Hoosier" (For Tanks), Kendallville, Ind.
Foster Engineering Co. (Auxiliary & Direct Acting Type), 109 Monroe, Newark, N. J.
Freshour Henry C. ("F. F. V."), Bridgeport, Conn.
Golden-Anderson Valve Specialty Co. ("Anderson" Automatic), Fulton bldg, Pittsburgh, Pa.
Hayes Pump & Planter Co. ("The Enterprise"), Galva, Ill.
Hennebohle Frank, 81st & S Chicago av So. Chicago, Ill.
See adv index at end of book
Hinman D. A. & Co. ("Enterprise" Railroad & Tank), Sandwich, Ill.
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Illinois Engineering Co. ("Eclipse"), W 21st & Racine aves, Chicago, Ill.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
McAlear Mfg. Co. (For Cold or Hot Water), 1901 So. Western av, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann James R. Co., 56 Gold, New York
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Midland Brass Wks. (Stock Watering), Dept. H, Fort Worth, Texas.
Modern Iron Wks., Quincy, Ill.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Ruggles-Klingemann Mfg. Co. (For Tank Service) ("R-K"), Salem, Mass.
Scheve Mfg. Co., 2528 N American, Phila., Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York
See adv index at end of book
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Western Mfg. Co. ("Iowa"), Oskaloosa, Ia.

16309— Valves (Flushing)

ACHESON MFG. CO. (Syphon), Rankin, Pa. *See adv index at end of book*
American Pin Co. (Syphon), Waterbury, Conn.
Boston Brass Co., ("B. B.") 135 Bacon Waltham, Mass.
See adv index at end of book
Cleveland Flush Meter Co. ("Cleveland" Push Button & Lever Action Flush Meter), 118 Noble ct, Cleveland, O.
Columbus Brass Co., 528 Dublin av, Columbus, O. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dececo Co. ("Carson," "N-B," "D-C"), 157 High, Boston, Mass.
Detroit Plumbing Supply Co., 617 Mack av, Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Excelovalve Co. ("Excel-O-Valve"), 1777 Broadway, New York
Exeter Brass Works ("N. H."), Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Flushovalve Co. ("Flush-O-Valve"), 245 Centre, New York
Frost Mfg. Co. ("Frost" Low-Down Closet, etc), Kenosha, Wis.
Gaylord Sanitary Mfg. Co., El Dorado, Kans.
Haas Philip Co. ("Haas"), Dayton, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons (Syphon), Grand Haven, Mich.
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Homer Brass Works, 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Imperial Brass Mfg. Co. ("Watrous"), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Indiana Brass Co., Frankfort, Ind.
Jenkins Mfg. Co. ("Novio"), Bloomfield, N. J.
Lutz Ferdinand, 555 W Broadway, New York
McCambridge Co., 315 N. 20th, Philadelphia, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McShane Bell Foundry Co., ("Rob") Harford av & B. & O. R. R., Baltimore, Md.
Miller Chas. A. Co. (Low-Down Closet), Sturgis, Mich.
Milwaukee Flush Valve Co., 1017 Clybourn, Milwaukee, Wis.
Monarch Brass Co. ("Monarch" Gravity), Cleveland, O.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Murphy Specialty Co. ("Murphy"), 90-2nd, Milwaukee, Wis.
Murray & Sorensen ("Unit"), 227 W. 17th, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Park & McKay, 55 Bagley av, Detroit, Mich
Pasman Valve Co. ("Crest"), Jersey City, N. J.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Phillips Flushing Tank Co., 66 Batterymarch, Boston, Mass.
Republic Mfg. Co. ("Republic" Oil Regulated), 2944 W Lake, Chicago, Ill.
Robertshaw Mfg. Co., Youngstown, Pa.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Sampstone Mfg. Co. ("Sampstone"), 1607 Prairie av, Chicago, Ill.
Sanitas Mfg. Co. ("Sanitas"), 105 Washington, Boston, Mass.
Siegrist B. F., 263 Laurel, Buffalo, N. Y.
Single Faucet & Flush Valve Co. ("Kelmor"), 617 W Jackson blvd, Chicago, Ill.
Sloan Valve Co. ("Sloan"), 628 W Jackson blvd, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Wolverine Brass Works ("Wolverine"), Grand Rapids, Mich.

16310— Valves (Foot)

Abendroth & Root Mfg. Co. (Galvanized Flanged), Newburgh, N. Y.
See adv index at end of book
American Foundry & Const. Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Also Valve & Strainer Combined), Chicago, Ill. *See adv index at end of book*
Belfield H. Co., 435 N Broad, Phila., Pa.
Brown A. & F. Co. ("Newman" Patent Continuous Service), 79 Barclay, New York
Buckeye Iron & Brass Works, Dayton, O.
Butler Co., Butler, Ind.
Coffin Valve Co., Neponset, Boston, Mass.
Crane Co., Bridgeport, Conn.
Crane Co. (Brass & Iron), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Ltd., Williamsport, Pa.
Decatur Pump & Mfg. Co., Decatur, Ill.
Eddy Valve Co., Waterford, N. Y.
Emerson Pump & Valve Co. ("Emerson" Quick Cleaning), Alexandria, Va.
Engineers Appliance Co. ("Hydromatic" for Water Works, etc), Cleveland, O.
Flower-Stephens Mfg. Co., 201 Clayton, Detroit, Mich.
General Ceramics Co. (Stoneware), 50 Church, New York
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
Hoffmann B. Mfg. Co. (Volves & Strainers), 257 6th, Milwaukee, Wis.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Brass, Iron & Iron Body), 135 Water, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co. (Foot Valve & Strainer), 55 John, New York
Mark Mfg. Co., Evanston, Ill.
Nason Mfg. Co., 71 Fulton, New York
Newbury J. H., Goshen, N. Y.
Newman Mfg. Co. ("Newman" Continuous Service), 79 Barclay, New York
Pancoast H. B. Co. (Combined Foot Valve & Strainer), 950 N Front, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. RR., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Stein John J. (Steel Riveted Flanged), 30 Clay, Brooklyn, N. Y.
Stephens Roe Mfg. Co. ("Flower"), 1097 McKinley, Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 Broadway, New York
See adv index at end of book

16311-2—Valves (Foot Action, for Drinking Fountains)

Speakman Supply & Pipe Co., Wilmington, Del.

Valves (Gas)

See Valves, Blast & Gas

16313— Valves (Gas Log)

Crane Co. (Brass), Bridgeport, Conn.
Hays Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Simmons John Co., 110 Centre, New York
See adv index at end of book

16314— Valves (Gas Main)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Bate Wm. T. & Son, Conshohocken, Pa.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bowler Foundry Co., 1688 Columbus, Cleveland, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard), Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co. (Iron & Brass), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann James R. Co., 56 Gold, New York
Nelson Valve Co., Harrison bldg, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Rensselaer Valve Co., Troy, N. Y.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
Wood R. D. & Co., 400 Chestnut, Phila, Pa.

16315—Valves (Gas or Coke Oven)

Blaw-Knox Co. (Water Cooled), Freeport rd, Hoboken, Pa.
Crane Co. (Brass), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Hays Mfg. Co., Erie, Pa
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
KENNEDY VALVE MFG. CO. (Light All Iron Gate, with Steel Stem), Elmira, N. Y. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York

Miller W. R. Co. (Coke Oven), House bldg., Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Smith Gas Engng. Co. ("Smith"), Dayton, Ohio
Swindell Wm. & Bros., Jenkins Arcade bldg., Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.
Williams D. T. Valve Co., Cincinnati, O.

16315a—Valves (Gas Producer Plant)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Reading Valve & Fitting Co., Reading, Pa.

16316—Valves (Gas, Safety)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hennebohle Frank, 81st & S Chicago av, So. Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Smith Gas Engng. Co. ("Smith"), Dayton, Ohio
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.

16317—Valves (Gas Shut-off)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Fire & Gas Appliance Co. ("Sieben" Manual & Automatic), 1906 Wyandotte, Kansas City, Mo.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hennebohle Frank, 81st & So Chicago av, South Chicago, Ill.
See adv index at end of book
Reading Valve & Fitting Co., Reading, Pa.
Schroeder Edward Lamp Works (Automatic), 716 Jersey av, Jersey City, N. J.

16318—Valves (Gas, Siemen)

Amsler Morton Co., Hoboken, Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

16319— Valves (Gate)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American District Steam Co. (Packless Iron & Brass Body), North Tonawanda, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Valve Co., Coxsackie, N. Y.
Aterite Co. Inc. ("Aterite" & "Fanosite"), N E cor John & William, New York
Buckeye Iron & Brass Works, Dayton, O.
Capitol Brass Works ("Standard"), 596 Franklin, Detroit, Mich.
Cayuta Mfg. Co. (For Steam, Gas & Oil), Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. ("Wilcox"), Newburgh, N. Y.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbia Iron Works ("Columbian"), Ghattanooga, Tenn.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Continental Pipe Mfg. Co., Tacoma, Wash.
CRANE CO. (Brass, Iron or Steel), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co. (Ltd.), (Brass, Iron Body and all Iron), Williamsport, Pa.
Detroit Brass Works, 331 Holden, Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Donovan R. J. Co., 217 Pearl, New York
Eddy Valve Co. ("Eddy" Parallel & Taper Seat), Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Eureka Brass Works ("Eureka" Brass Straightway), 1040 Hulbert av, Cincinnati, O.
FAIRBANKS CO. (Brass & Iron), 416 Broome, New York
Flower-Stephen Mfg. Co., 201 Clayton, Detroit, Mich.
FRICK & LINDSAY CO. (Williams Brass, Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Harvey's A. Sons Mfg. Co., Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hoffmann B. Mfg. Co. (Brass & Iron Body), 257 6th, Milwaukee, Wis.
Iowa Valve Co., Oskaloosa, Ia.
Jenkins Bros., 80 White, New York
Jones Jas. So., 201 Leroy, Los Angeles, Cal.
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburgh, Pa.
KENNEDY VALVE MFG. CO. (Iron, Brass & Bronze), Elmira, N. Y.
See adv index at end of book
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Clip," "Victor," "Handy"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann James R. Co., 56 Gold, New York
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Milwaukee Valve Co. ("M." Brass), 139 Burrell, Milwaukee, Wis.
Moyle E. H. Engineering & Equipment Co. ("Moyle" for Cyanide Gates), 508 E 9th, Los Angeles, Cal.
Nason Mfg. Co., 71 Fulton, New York
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Nelson Valve Co. (Brass, Iron & Steel), Harrison bldg., Phila., Pa.
Newman Mfg. Co. (Continuous Service), 79 Barclay, New York
Ohio Brass Co. ("O-B" Bronze), Mansfield, O. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 890 West, New York
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162nd, New York
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh"), Frick bldg, Pittsburgh, Pa.
Pomona Mfg. Co., Pomona, Cal.
Powell Wm. Co. ("U. S.," "Pilot," "Star," "White Star" Brass & Iron Body), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Rickersberg Brass Co., Perkins & E 37th, Cleveland, O.
Schutte & Koerting Co., 1251 N 12th Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York
See adv index at end of book
Smith A. P. Mfg. Co., E Orange, N. J.
Star Brass Mfg. Co. ("Monogram"), 53 Oliver, Boston, Mass.
Steere Engineering Co., 7342H Woodward, Detroit, Mich.
Stephens, Roe Mfg. Co. (Scott's High Pressure, etc), 1097 McKinley, Detroit, Mich.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., Boston, Mass.
Wheeler C. H. Mfg. Co. ("Wheeler Exhaust"), Lehigh av & 18th, Phila., Pa.
Williams D. T. Valve Co. ("Cino"), Cincinnati, O.
Williams Wm. E. ("Wew"), 62 Front, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wood R. D. & Co. (For Water, Gas, Oil & Steam), 400 Chestnut, Phila., Pa.

16320— Valves (Gate, for Water Mains)

American Foundry & Construction Co., 2nd av & Longworth, Pittsbprgh, Pa.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bourbon Copper & Brass Works, Cincinnati, O.
Cayuta Mfg. Co., Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Drummond M. J. & Co., 51 Chambers, N. Y.
Eddy Valve Co., Waterford, N. Y.
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Iowa Valve Co., Oskaloosa, Ia.
Kennedy Valve Mfg. Co. ("Newtype"), Elmira, N. Y. *See adv index at end of book*
Keystone Driller Co., Beaver Falls, Pa.
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Nelson Valve Co., Harrison bldg., Phila-Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Smith A. P. Mfg. Co., E Orange, N. J.
South Park Foundry & Machine Co., St. Paul, Minn.
Stephens Roe Mfg. Co. ("Scott's" High Pressure, etc), 1097 McKinley, Detroit, Mich.
Walworth Mfg. Co., Boston, Mass.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16321— Valves (Geared)

Darling Valve & Mfg. Co., Williamsport, Pa.
KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pilliod Co. ("Baker"), 30 Church, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Southern Locomotive Valve Gear Co., Knoxville, Tenn.

16322— Valves (Generator)

Burdett Mfg. Co., 309 St. John's Court, Chicago, Ill.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
LUNKENHEIMER CO. ("Nonpareil"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co. ("Adjusto"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book
Williams D. T Valve Co., Cincinnati, O.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16323—Valves (Globe & Angle)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Steam Gauge & Valve Mfg. Co. ("American"), 208 Camden, Boston, Mass.
American Valve Co., Coxsackie, N. Y.
Aterite Co. Inc. ("Aterite" & "Fanosite"), N E Cor. John & William, New York
Bashlin Co., Warren, Pa.
Beaton & Cadwell Mfg. Co., ("Jumbo," "Perfection"), New Britain Conn.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works (With or Without Jenkins Disc), Dayton, O.
Central Brass Mfg. Co. of Cleveland (Sizes ⅜" to 2"), Cleveland, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Consolidated Car Heating Co. ("Consolidated"), Dept H, Albany, N. Y.
Crane Co., Bridgeport, Conn.
CRANE CO. (Brass, Iron & Steel), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Darling Valve & Mfg. Co., (Ltd.), (Angle Only), Williamsport, Pa.
Detroit Lubricator Co., Detroit, Mich.
Donovan R. J. Co., 217 Pearl, New York
Duriron Castings Co. ("Duriron," Angle Acid Proof), Dayton, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Edna Brass Mfg. Co. (Angle Only), Cincinnati, O.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Everhart Brass Works, Scranton, Pa.
Eynon-Evans Corp. (Extra Heavy), N 15th Clearfield, Phila., Pa.
Fairbanks Co., 416 Broome, New York
Fairbanks E. & T. & Co. (Brass Globe), St. Johnsburg, Vt.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book

VALVES (GLOBE & ANGLE)—continued
Gibson Bros. Mfg. Co., North Chicago, Ill.
Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior
Cleveland, O.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Gorton & Lidgerwood Co. (Straightway & Angle), 96 Liberty, New York
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Hancock Inspirator Co., 119 W 40th, New
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co. (Brass & Iron), 257 6th, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jarecki Mfg. Co., Erie Pa.
Jenkins Bros., 80 White, New York
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburgh, Pa.
KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill.
Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"), Executive Offices & Fac- & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co. (Brass Only), 315 N 20th, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York & Paterson, N. J.
McRae & Roberts Co. (Brass), 100 So Campbell av, Detroit, Mich.
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Max Machine Co. ("K-V"), Clinton, Mass.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Nason Mfg. Co., 71 Fulton, New York
Nathan Mfg. Co. (For Locomotives, etc), 416 E. 106th, New York
Nelson Valve Co. (Brass, Iron & Steel), Harrison bldg., Phila., Pa.
New Bedford Valve Mfg. Co., New Bedford, Mass.
Ohio Brass Co. ("O-B"), Mansfield, O. *See adv index at end of book*
Ohio Injector Co. ("O.I. Co."), Wadsworth, O.
Ohio Pump & Brass Co. (Gas), Columbus, Ohio
Oil Well Supply Co. (Brass & Iron), 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co. ("Standard" Brass), Frick bldg., Pittsburgh, Pa.
POWELL WM. CO. ("Powell White Star"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P. & C"), Hartford, Conn.
Richardson-Phenix Co. ("P. P. Nokut"), 131 2d, Milwaukee, Wis.
Rickersberg Brass Co., Perkins & E 37th, Cleveland, O.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Scully Iron & Steel Co. ("Storie" Brass), 2364 S Ashland av, Chicago, Ill.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co. ("Scott," "J. D."), 1097 McKinley, Detroit, Mich.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W, Cleveland, O
United Brass Mfg. Co. ("United" Brass), 3844 Hamilton av, Cleveland, O.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16324—Valves (Greenhouse)

Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*

16325— Valves (Grinder)

Baker Mfg. Corp. ("Ramsey"), Saratoga Springs, N. Y.
Rotax Co. ("Rotax"), 38 E 133rd, New York

16326—Valves (Gulland Automatic Water)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16327— Valves (Hatters')

Jenkins Bros., 80 White, New York
McNab & Harlin Mfg. Co. ("Smith" Pattern & Quick Opening), 55 John, New York

16328—Valves (High Pressure)

American Brass Products Co., Pottstown, Pa.
American Foundry & Const. Co. (Steam), 2nd av & Longworth, Pittsburgh, Pa.
Anniston Electric Steel Corp. (Oil & Water), Anniston, Ala.
Bastian-Blessing Co. (Gas), 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Buckeye Iron & Brass Works, Dayton, O.
Burlington Brass Works, Burlington, Wis.
Cadman A. Mfg. Co. ("Indestructible"), 2816 H Smallman, Pittsburgh, Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co. (For Oil, Steam, etc.), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Ford Thos. P. Co. (Balance Ball Cock), 407 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Hennebohle Frank (Ammonia Check), 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Jenkins Bros., 80 White, New York
KENNEDY VALVE MFG. CO. (For Steam Service), Elmira, N. Y. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Richardson-Phenix Co. ("R. P. Nokut"), 131 2d, Milwaukee, Wis.
Schutte & Koerting Co., 1251 N. 12th, Phila., Pa. *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. ("Yarway"), Chestnut Hill, Phila., Pa.
Young C. C. ("Jack Wilson" Balanced), Jersey Shore, Pa.

16329—Valves (High Pressure Natural Gas)

Colonial Supply Co., 217 Water, Pittsburgh Pa. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16329a—Valves (Hold Open Stop Check)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*

16330— Valves (Hopper)

Acheson Mfg. Co. (Brass), Rankin, Pa. *See adv index at end of book*
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Cooper Sanitary Mfg. Co. (Self-Closing), 34th & Chestnut, Phila, Pa.
Crampton-Farley Brass Co. ("Star"), 321 Main, Kansas City, Mo.
Edwardsville Brass Co., Edwardsville, Ill.
Hall Mfg. Co., Harrison, N. J.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Sawyer W. H. & Sons Co., Americus, Ga.

16331— Valves (Hose)

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Aterite Co. Inc. ("Aterite" for Sulphuric Acid), N E Cor. John & William, New York
Buckeye Iron & Brass Works (Brass Garden Hose, etc), Dayton, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Fairbanks Co., 416 Broome, New York
General Fire Extinguisher Co. ("G. F. E."), Providence, R. I.
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co. (Brass), 257 6th, Milwaukee, Wis.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Milwaukee Brass Mfg. Co. (For Fire Escape Stand Pipe), 251 Lapham, Milwaukee, Wis.
Nelson Valve Co., Harrison bldg., Phila., Pa.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Powell Wm. Co. ("Crescent"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16332—Valves (Hot & Cold Blast)

Hartman Co., 1231 N Front, Phila., Pa.

16333—Valves (Hydraulic)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashton Valve Co. ("Ashton" Relief), 161 First, Cambridge, Mass.
Aterite Co. Inc. ("Aterite"), N E Cor. John & William, New York
Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co. (Inc), (Stop, Three Way & Four Way), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Brass Check, Safety, Globe & Angle & Angle Relief), Dayton, O.
Chambersburg Engng. Co., Chambersburg, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
CRANE CO. (Gate Angle, Globe, Check & Safety), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., (Ltd.), Williamsport, Pa.
Davidson M. T. Co. ("Davidson," Three-Way Balanced), 154 Nassau, New York
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. ("Edward" Stop & Check, etc), Edison bldg, Chicago, Ill.
Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Engberg Electric & Mechanical Works (Electro-Hydraulic, for Stand Pipes, etc), St. Joseph, Mich.
Foster Engineering Co. (Regulating, Reducing & Relief), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
Hennebohle Frank (Balanced, Straight, Three & Four Way), 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*

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CRANE CO.



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Return Bend

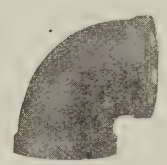


Reducing
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Valves, Pipe Fittings and Steam Specialties



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Malleable
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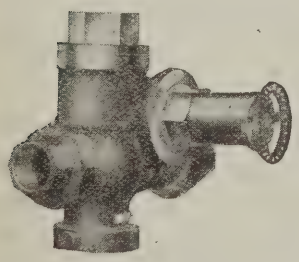
made of brass, iron, ferrosteel, cast steel and forged steel, in all sizes, for all pressures, and all purposes, and are distributors of pipe, heating and plumbing materials.



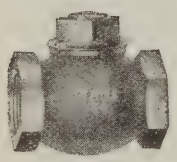
No. 437 Brass
Gate Valve



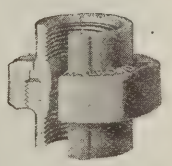
No. 09 Oil
Separator



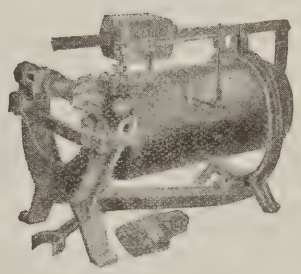
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Pressure Regulator



No. 20 Horizontal
Brass Check Valve



Union



Non-Return
Steam Trap

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VALVES (HYDRAULIC)—continued
Hydraulic Press Mfg. Co. ("H. P. M."), Mt. Gilead, O.
Kelly & Jones Co. (Straightway, etc), 135 Water, Pittsburgh, Pa.
Monold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
LARNER-JOHNSON VALVE & ENGINEERING CO., Widener bldg, Philadelphia, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Morgan Engineering Co., Alliance, O.
Nason Mfg. Co., 71 Fulton, New York
National Gauge Co. (Relief), 300 Pacific, Brooklyn, N. Y.
Nelson Valve Co., Harrison bldg., Phila., Pa.
New York Brass Foundry Co. ("Stillbech"), 403 Broome, New York
Oil Well Supply Co., 215 Water Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
POWELL WM. CO. ("Powell" Globe, Angle Check), 2525 Spring Grove av, Cincinnati, Ohio.
See adv index at end of book
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Robertson Jno. & Co., 133 Water, B'klyn, N. Y.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Simplex Valve & Meter Co. ("Simplex" Regulating for Controlling the Elevation of Water in Reservoirs & Stand Pipes), 110 N. Broad, Phila., Pa.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Union Iron Works, Hoboken, N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Watson & McDaniel Co. ("Riggins," Hydraulic Stop & Balance Rotating & Operating), 146 N 7th, Phila., Pa.
Williams Franklin, Inc. ("Toledo" Bronze), 39 Cortlandt, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. ("Yarway" High Pressure), Chestnut Hill, Phila., Pa.

16334—Valves (Hydraulic Operating)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Chapman Valve Mfg Co ("Chapman"), Indian Orchard, Mass
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Hennebohle Frank (& Cocks, Straightway, Three & Four Way), 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Jenkins Bros., 80 White, New York
KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*
Monold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
LARNER-JOHNSON VALVE & ENGINEERING CO., Widener bldg, Philadelphia, Pa.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Ross Valve Mfg. Co, 9 Oakwood av, Troy, N. Y.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Vance-Vetter Co., Phipps Power bldg., Pittsburgh, Pa.

16335—Valves (Hydraulic Pressure Controlling)

French Oil Mill Machinery Co., Piqua, O.
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.

16336—Valves (Hydraulic Pulpit)

Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16337— Valves (Indicator)

Bourbon Copper & Brass Works (Open & Shut Indicator Post Valves), Cincinnati, O.
Chapman Valve Mfg. Co. ("Chapman" Indicator Post Valves), Indian Orchard, Mass.
Columbian Iron Works ("Columbian"), (Underwriters), Chattanooga, Tenn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Straightway), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
National Brass Mfg. Co. (Relief & Cylinder), Rochester, N. Y.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co., ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16338— Valves (J. D.)

Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Ohio Brass Co. ("O-B"), Mansfield, O.
See adv index at end of book

16338a— *Valves (Jenkins)

JENKINS BROS., New York, Boston, Phila., Chicago, Montreal, London.

16339— Valves (Lavatory)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
Edwardsville Brass Co. (Pedal), Edwardsville, Ill.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Gaylord Sanitary Mfg. Co. (Foot), El Dorado, Kans.
Hays Mfg. Co., Erie, Pa.
Haydenville Co., Haydenville, Mass.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Sanitas Mfg. Co. ("Sanitas"), 105 Washington, Boston, Mass.
Speakman Co. (Mixometers), Wilmington, Del.

16340— Valves (Lead Lined)

Chadwick-Boston Lead Co. (For Acids), 162 Congress, Boston, Mass.
Lead Lined Iron Pipe Co. (Also Tin Lined), Wakefield, Mass.
SCHUTTE & KOERING CO. (Check Stop), 1251 N 12th, Philadelphia, Pa.
See adv index at end of book
United Lead Co., 111 Broadway, New York

16341— Valves (Leather)

Detroit Leather Specialty Co. (Inc.) ("Wear Well"), 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co., Worcester, Mass.
Houghton E. F. & Co. ("Vim" Pump, etc.), 240 W Somerset, Phila., Pa.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Myers F. E. & Bro., 900 4th, Ashland, O. *See adv index at end of book*
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.

16342— Valves (Lever)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Foster Engineering Co. (Balance), 109 Monroe, Newark, N. J.
Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO. ("Handy, "Victor," "Clip"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Powell Wm. Co. ("Titan," "Ready," "Giant" Brass & Iron Body), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C" Quick Opening), Hartford, Conn.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Star Brass Mfg. Co. ("Star," Safety Lever), 53 Oliver, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16343— Valves (Lock)

Emory P. P. Mfg. Co. (For Rag Engines), Springfield, Mass.
Pratt & Cady Co. (Check "P & C"), Hartford, Conn.
Whitcomb Geo. D. Co. ("Whitcomb," for Air Compressors, etc), Rochelle, Ill.

16344—Valves (Lock Shield)

American District Steam Co., North Tonawanda, N. Y.
Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Wellby Special," "Jumbo," "Perfection"), New Britain, Conn.
Detroit Brass Works, 331 Holden, Detroit, Mich.
Dole Valve Co., 1933 Carroll, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Radiator"), 55 John, New York
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.

16345—Valves (Locomotive)

AMERICAN SAFETY LAMP & MINE SUPPLY CO., Scranton, Pa.
American Steam Gauge & Valve Mfg. Co. (Pop, Plain & Muffled), 208 Camden, Boston, Mass.
Belfield H. Co. (Cylinder), 435 N Broad, Phila., Pa.
Bordo L. J. Co. ("B. O." Plug Blow-Off, also Blower), 12th & Thompson, Phila., Pa.
Cadman A. W. Mfg. Co. (Blow-Off), 2816 Smallman, Pittsburgh, Pa.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Consolidated Safety Valve Co. ("Consolidated" Pop Safety; also with Muffler Attached), 119 W 40th, New York
Crane Co. (Cab, Steam Heat), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO., 40 Central, Boston, Mass.
See adv index at end of book
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Gold Car Heating & Lighting Co. (Pressure Regulating), 220 36th, Brooklyn, N. Y.
Homestead Valve Mfg. Co. ("Homestead" Blow-Off), Homestead, Pa.
KUNKLE VALVE CO., 821 Barr, Fort Wayne, Ind. *See adv index at end of book*
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Lonegran J. E. Co. ("XXX" & "YYY" Safety Valves), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Lytton Mfg. Co. ("Lytton" Blow-Off), Franklin, Va.
McNab & Harlin Mfg. Co. (Cylinder), 55 John, New York
Nathan Mfg. Co. (Blower, 3 Air Pump Steam Relief & Steam Chest Relief), 416 E. 106th, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiplate" Duplex Blow-Out), Railway Exchange bldg, Chicago, Ill.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
POWELL WM. CO. (Locomotive Boiler Check), 2525 Spring Grove av, Cincinnati, Ohio *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Sargent Co. ("E. S. E." Blow-Off), 625 W Jackson blvd, Chicago, Ill.

Star Brass Mfg. Co. (Reducing), 53 Oliver, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Yarnall Waring Co., Chestnut Hill, Phila., Pa.
Young C. C. ("American" Balanced & "Jack Wilson" High Pressure Balanced), Jersey Shore, Pa.

16346—Valves (Low Pressure)

Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira, N. Y. *See adv index at end of book*
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Simmons John Co., 110 Centre, New York *See adv index at end of book*

16346a— *Valves (Magnetic)

Hornung J. C., 343 S Dearborn, Chicago, Ill.

16347— Valves (Marine)

Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Capitol Brass Works, 596 Franklin, Detroit, Mich.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
CRANE CO., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Eagle Brass Foundry Co. (Screwed & Bolted Bonnets), Seattle, Wash.
Everlasting Valve Co., 2 Rector, New York
Garratt W. T. & Co. ("Garratt" Extra Heavy), 299 Fremont, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Schutte & Koerting Co. ("Schutte" Quick Closing, Reducing, Throttle, etc.), 1251 N 12th, Phila., Pa.
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Star Brass Mfg. Co. ("Star," Safety), 53 Oliver, Boston, Mass.
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16348—Valves (Motor Operated)

Jenkins Bros., 80 White, New York
Kennedy Valve Mfg. Co., Elmira N. Y. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft of Adams, Troy, N. Y.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Rich Steel Products Co. ("R. S. P." & Tappet), 3055 Santa Fe av, Los Angeles, Cal.

16349—Valves (Motor Tire)

Schrader's A. Son, Inc., Brooklyn, N. Y.

16350—Valves (Motorman's)

National Brake & Electric Co. ("National," for Electric Cars), ft. Belleview pl, Milwaukee, Wis.

16351— Valves (Mud)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16352— Valves (Muffler)

Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Barco Brass & Joint Co. (Automobile), 212 W Illinois, Chicago, Ill.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co. ("Consolidated," Portable, Muffler Pop Safety), 119 W 40th, New York
Gemco Mfg. Co. (& Cutout), Milwaukee, Wis.
KUNKLE VALVE CO., 821 Barr, Fort Wayne, Ind. *See adv index at end of book*
Lonergan J. E. Co. ("P"), 211 Race, Phila., Pa.
Nathan Mfg. Co. (Safety & Plain Pop), 416 E 106th, New York
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

16353—Valves (Natural Gas)

Buckeye Iron & Brass Works (Globe & Angle), Dayton, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Glauber Brass Mfg. Co., 49th & Superior, Cleveland, O.
Hale Gas Co., Neodesha, Kans.
Hays Mfg. Co., Erie, Pa.
Jarecki Mfg. Co., Erie Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira N. Y. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16354— Valves (Needle)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Jarecki Mfg. Co., Erie Pa.
LARNER-JOHNSON VALVE & ENGINEERING CO., Widener bldg, Philadelphia, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Powell Wm. Co. ("Crescent" & "Model Star"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16355—Valves (Needle Point, Gasoline)

Clayton & Lambert Mfg. Co., 170-70 Beaubien, Detroit, Mich.
Detroit Brass & Malleable Wks., 1177H Holden, Detroit, Mich.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16356-7—Valves (Non-Return)

Belfield H. Co., 435 N Broad, Phila., Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Davis G. M. Regulator Co. ("Davis"), 434 Milwaukee av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Garrett W. D. & Co., 126 Liberty, New York
Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Pittsburgh Valve, Foundry & Construction
Plant Engng. & Equip. Co. Inc., 11 John, New York
Powell Wm. Co. ("Powell White Star" Single & Double Acting), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Robertson Jno. F. Co., Park bldg, Pittsburgh, Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Trill Indicator Co., Elm, Corry, Pa. *See adv index at end of book*

16358— Valves (Oil)

Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Chapman Valve Mfg. Co., ("Chapman"), Indian Orchard, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Jenkins Bros., 80 White, New York
KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
McMann & Taylor Co., 104 John, New York *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Reading Valve & Fitting Co., Reading, Pa.
Witt G. E. Co. (Oil Regulating Valves for Oil Burners), 862 Howard, San Francisco, Cal.

16359—Valves (Oil Burner, Needle)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

16360— Valves (Oiler)

Knox Mfg. Co. (For Drills), 821 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16361—Valves (Open-Hearth Furnace)

Blair Engineering Co., 343 S Dearborn, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, Ohio *See adv index at end of book*

16362— Valves (Organ)

Homer Brass Works, 231 Race, Phila., Pa.

16363— Valves (Piston)

Baker Valve Co., 1855 E 28th, Minneapolis, Minn.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass. *See adv index at end of book*
National Brake & Electric Co., ft. Belleview pl, Milwaukee, Wis.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.
Young C. C. ("American" Semi-Plug), Jersey Shore, Pa.

16364—*Valves (Plate Type, Iversen Patent)

MESTA MACHINE CO. (For Blowing Engines, Vacuum Pumps & Compressors), Box 1124, Pittsburgh, Pa. *See adv index at end of book*

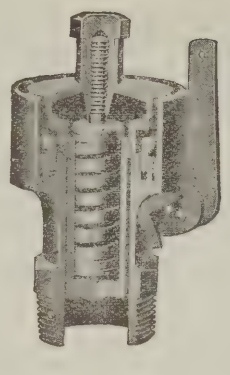
16365— Valves (Plug)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Cadman A. W. Mfg. Co. ("Gato"), 2816 Smallman, Pittsburgh, Pa.
Caldwell-Wilcox Co., Newburgh, N. Y
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Konold M. J. Co. (For Air), Bessemer bldg., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Merrill Co. ("Merco Nordstrom"), 121 2nd, San Francisco, Cal.
Robertson Jas. Lead Co. (Plug & Seat), 827 S Howard, Baltimore, Md.
Simmons John Co., 110 Centre, New York *See adv index at end of book*

16366—Valves (Pop Safety)

Acton Jno., 118 John, Brooklyn, N. Y.
Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Bridgman Bros. Co., 131 S 31st, Phila., Pa.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co. ("Consolidated," for Saturated & Super-Heated Steam, Duplex & Triplex for Marine Service; for House Heating Boilers; also Portable, etc), 119 W 40th, New York
CRANE CO. (Boiler, High & Low Pressure), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Lubricator Co. ("Detroit," Low Pressure), Detroit, Mich.
Edna Brass Mfg. Co., Cincinnati, O.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
Jarecki Mfg. Co., Erie Pa.

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VALVES (POP SAFETY)—continued

KUNKLE VALVE CO. ("Kunkle" Lock-Up), 821 Barr, Fort Wayne, Ind.
See adv index at end of book

Lonergan J. E. Co. ("Linde's" & "U. S." Government, Marine & Stationary Boilers), 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Duplex," "Twin," "Midget," "Air Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.

Nason Mfg. Co., 71 Fulton, New York

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Powell Wm. Co. ("Kunkle" Direct & Angle Outlet), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

Scott Valve Co., 310 W. Randolph, Chicago, Ill.

Simmons John Co., 110 Centre, New York
See adv index at end of book

Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.

Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.

Swift Lubricator Co., Elmira, N. Y.

Walworth Mfg. Co., Boston, Mass.

16367— Valves (Poppet, for Gas Engines)

Fansteel Products Co., 215 N Michigan, Chicago, Ill.

Kelly & Jones Co. ("Jewell" Quick Opening with Union), 135 Water, Pittsburgh, Pa.

MARYLAND AUTO-PRODUCTS CORP., Hagerstown, Md.

Michigan Engine Valve Co. (Auto, Tractor, Aeroplane, Stationery), 437 Columbia, Detroit, Mich.

Pfanstiehl Co., No. Chicago, Ill.

Steel Products Co., 2206 Clarkwood av, S. E., Cleveland, O.

Toledo Steel Products Co., Summit, Toledo, Ohio

16368—Valves (Power House)

Darling Valve & Mfg. Co., Williamsport, Pa.

Everlasting Valve Co., 2 Rector, New York

Fairbanks Co., 416 Broome, New York

Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.

Jenkins Bros., 80 White, New York

KENNEDY VALVE MFG. CO., Elmira, N. Y. *See adv index at end of book*

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Marsh Valve Co., Erie, Pa.

Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Ricardson-Phenix Co. ("R. P. Nokut"), Milwaukee, Wis.

16369—Valves (Pressure Reducing)

Acton John (Waterworks), Heavy Duty & Household Service, etc), 118 John Brooklyn, N. Y.

Am. Radiator Co., 816 Michigan av, Chicago, Ill.

Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.

Auld Co. ("Quitetite"), Thompson & 12th, Phila., Pa.

CASH A. W. CO. ("Cash Standard" also Regulating), Decatur, Ill.
See adv index at end of book

Clow James B. & Sons ("Clow Temperature Booster"), S Franklin & Harrison, Chicago, Ill.

Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.

CRANE CO. (& Regulating for Steam, Air & Water), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*

Davis G. M. Regulator Co. (Reducing, Steam, Air & Water), 434 Milwaukee av, Chicago, Ill.

d'Este Julian Co., 26 Canal, Boston, Mass.
See adv index at end of book

Dunham C. A. Co., 343 S Dearborn Chicago, Ill.

Elliott B. K. Co. ("Elliott"), 126 6th, Pittsburgh, Pa.

Fairbanks Co., 416 Broome, New York

Fisher Governor Co., Marshalltown, Ia.

Ford Thos. P. Co. (Steam & Water), 407 Broome, New York

Foster Engineering Co. (For High & Low Pressure), 109 Monroe, Newark, N. J.

Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.

Garrett W. D. & Co.,, 126 Liberty, New York

Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.

Golden-Anderson Valve Specialty Co. ("Anderson," For Steam, Water, etc), Fulton bldg, Pittsburgh, Pa.

Graebert & Sons, 12 Sherman, Detroit, Mich.

Hall Mfg. Co. ("Atlas"), Harrison, N. J.

Harlem Mfg. Co., 518 W 55th, New York

Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book

Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.

Illinois Engineering Co. ("Climax"), W 21st & S Racine av, Chicago, Ill.

Johnson Service Co ("Johnson"), 149 Michigan, Milwaukee, Wis.

Keeble Alex. K. (High & Low Pressure), Lawrence, Mass.

Kelly & Jones Co. (Vacuum, etc), 135 Water, Pittsburgh, Pa.

Kieley & Mueller, 34 W 13th, New York

Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*

Leslie Co. ("Leslie"), Lyndhurst, N. J.

Locke Regulator Co. ("New Era," "Beats All"), Salem, Mass.

Lytton Mfg. Corp. ("Lytton" for High & Low Pressure), Franklin, Va.

McAlear Mfg. Co. (For Steam, Water, Air or Gas), 1901 S Western av, Chicago, Ill.

McMann & Taylor Co., 104 John, New York
See adv index at end of book

Monash-Younker Co. (Steam), 1407 W Jackson blvd, Chicago, Ill.

Nason Mfg. Co., 71 Fulton, New York

National Steam Spec. Co., 16 S Clinton, Chicago, Ill.

POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.

Plant Engng. & Equip. Co., Inc., 11 John, New York

Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.

"S-C" Regulator Mfg. Co., Fostoria, Ohio

Schade Valve Mfg. Co., 2528 N American, Phila., Pa.

SCHUTTE & KOERTING CO. "Auld Co," "Quitetite"), 1251 N 12th, Philadelphia, Pa. *See adv index at end of book*

Squires C. E. Co. ("Squires"), 3934 Kelly av, Cleveland, O.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.

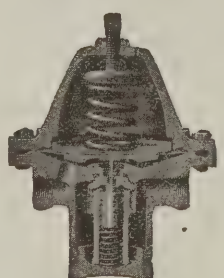
Stephens Roe Mfg. Co., 1097 McKinley, Detroit Mich.

Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.

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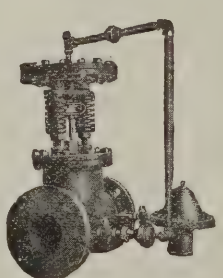
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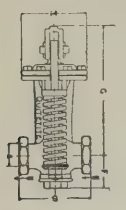


Class D

A. W. CASH CO., P.O. BOX 135 Decatur, Ill.



Class G



Auld Quitetite Reducing Valve. Diaphragm actuated. Bronze, iron or steel construction, for steam, air or gases. *Catalog 8-R.*

SCHUTTE & KOERTING CO.
1251 North 12th Street
Philadelphia, Pa.

Waters Governor Co., 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson," Also **Spring Reducing Low Pressure & Atmosphere Reducing**), 146 N 7th, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Witt G. E. Co. (For Steam or Liquid), 862 Howard, San Francisco, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

16369a—*Valves (Pressure & Temperature Control)

Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Hornung J. C., 343 S Dearborn, Chicago, Ill.

16369b— *Valves (Pressure & Vacuum Relief)

CASH A. W. CO., Decatur, Ill.
See adv index at end of book

16370— Valves (Pump)

See also Valves, Rubber

Acme Rubber Mfg. Co., Trenton, N. J.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Anchor Packing Co. ("Ankorite" Rubber), Lafayette bldg, Phila., Pa.
Athol Pump Co., Athol, Mass.
Berger Bros. Co., 229 Arch, Phila., Pa.
Boston Belting Corp. (Rubber), 84 Linden Park, Boston, Mass.
Brandt Randolph, 70 Cortlandt, New York
Buckeye Iron & Brass Works, Dayton, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.
Continental Fibre Co. (Vulcanized Fibre), Newark, Del. *See adv index at end of book*
Continental Rubber Works, Erie, Pa.
Cooley Mfg. Co. ("Cooley's"), 98 Park pl, New York
Coronum Equipment Co. ("Rothenbucher" Reversible), 89 Fulton, New York
CROSBY STEAM GAGE & VALVE CO., ("Branden," Rubber), 40 Central, Boston, Mass. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Fibre), Bridgeport, Pa.
Edgecumbe J. C. & Co. ("Tri-Bisc"), 149 B'way, New York
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
Evans John E., Nutley, N. J.
Excelsior Valve Co., 108 Fulton, New York
Federal Metallic Packing Co. (Fibre), 48 Hanover, Boston, Mass.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Garlock Packing Co., Palmyra, N. Y.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Hill Pump Valve Co. ("Hill"), 4001-21 Belmont av, Chicago, Ill.
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns-Manville Inc. ("Vulcabeston"), Madison av & 41st, New York
Johns-Pratt Co., The ("Vulcabeston"), Hartford, Conn.
Lake Erie Mfg. Co. ("Ideal"), Buffalo, N. Y.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mulconroy Co. (Rubber), 54th & Jefferson, Phila., Pa.
MYERS F. E. & BRO., 900 Fourth, Ashland, O. *See adv index at end of book*
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
National India Rubber Co. (Rubber), Bristol, R. I.
National Marine Lamp Co., Forestville, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Geo. F. Mfg. Co., Chelsea, Mass.
Republic Rubber Co., Youngstown, Ohio
Robertson Jno. F. Co. (Metallic Multiplex), Park bldg, Pittsburgh, Pa.
Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P." Oil Proof Pump Valves), 292-294 Church, New York
See adv index at end of book
U. S. INDUSTRUCTIBLE GASKET CO. ("Kinghorn"), Church & Fulton, New York. *See adv index at end of book*
Victor-Balata & Textile Belting Co. ("V. B"), ("Victor-Balata" Cold Water), 38 Murray, New York
Western Packing & Supply Co., 231 N Wells, Chicago, Ill.
See adv index at end of book
Western Rubber Co. (Rubber), Goshen, Ind.
Wilmington Fibre Specialty Co. (Hard Fibre), Wilmington, Del.

16371—Valves (Pump Regulating)

Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Schade Valve Mfg. Co. ("Schade" It is a Pump Discharge Pressure Controlling Valve. A Pump Speed Governor & Positive Shut Off or Stop Valve), 2528 N American, Phila., Pa.
Standard Steam Specialty Co., 542 W B'way, New York

16372—Valves (Quick-Closing)

Aaball Mfg. Co., 815 Larrabee, Chicago, Ill.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Everlasting Valve Co., 2 Rector, New York
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Jenkins Bros., 80 White, New York
Locke Regulator Co. ("Locke"), Salem, Mass.
LUNKENHEIMER CO. ("Victor," "Handy," "Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Schutte & Koerting Co. ("Schutte" Marine Type Emergency), 1251 N 12th, Phila., Pa. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, Ohio

16373—Valves (Quick-Opening)

Aaball Mfg. Co., 815 Arrabee, Chicago, Ill.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co. (Sliding Stem **& Lever), Williamsport, Pa.**
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Gorton & Lingerwood Co. (Packless), 96 Liberty, New York
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Jarecki Mfg. Co., Erie Pa.
Kelly & Jones Co. ("Jewel" Radiator & Straightway), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. ("Victor," "Handy," "Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Pekor Iron Wks., Columbus, Ga.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Pioneer Alloy Products Co., Inc., 16601 Euclid av, Cleveland, Ohio
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Williams & Wells, 253 Fulton, New York
See adv index at end of book

16374— Valves (Radiator)

Aaball Mfg. Co. (Quick Opening & Closing), 815 Larrabee, Chicago, Ill.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American District Steam Co. ("Adsco" Graduated), N Tonawanda, N. Y.
Am. Radiator Co., 816 Michigan av, Chicago, Ill.
American Valve Co., Coxsackie, N. Y.
Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Belfield H. Co. (Iron & Brass), 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.
Capital Brass Works ("Jenkins Disc," Male & Female), 596 Franklin, Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Commonwealth Brass Works, Commonwealth av & Ry, Detroit, Mich.
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Davis Louis N. ("Davis" Graduated), West Chester, Pa.
Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Detroit Lubricator Co. (Quick Opening & Interlocking Steam "Detroit"), Detroit, Mich.
Dole Valve Co. (Packless), 1923 Carroll av, Chicago, Ill.
Dukerschien L. W. Heating & Ventilating Co., Oshkosh, Wis.
Dunham C. A. Co. (Packless), 343 S Dearborn, Chicago, Ill.
Eureka Brass Works ("Eureka"), 1040 Hulbert av, Cincinnati, O.
Fairbanks Co. (Vulcabeston Ring Disc), 416 Broome, New York
Fairbanks E. & T. & Co. (Brass), St. Johnsbury, Vt.
Fulton Co. ("Sylphon," Packless), Knoxville, Tenn.
Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
Gorton & Lidgerwood Co., 96 Liberty, New York
Guaranteed Appliance Co. (Graduated), 14 E Jackson bl, Chicago, Ill.
Gurney Heater Mfg. Co. (Jobbers), 93-95 Oliver, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Haynes-Thompson Co. ("Precise," Graduating), 2107 Vine, Phila., Pa.
Hoffmann Specialty Co., 130 N Wells, Chicago, Ill.
Jarecki Mfg. Co., Phila., Pa.
Jenkins Bros., 80 White, New York
Kelly Brass Works (Automatic Air), 236 W Ontario, Chicago, Ill.
Kelly & Jones Co. ("Universal"), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (With Wood Wheels, etc), Elmira, N. Y.
See adv index at end of book
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McAlear Mfg. Co. (Graduating), 1901 So Western av, Chicago, Ill.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Magee Steam Specialty Corp. ("Jumbo"), 136 Beekman, New York
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Monash-Younker Co. ("Monash" Parkless), 551 W Monroe, Chicago, Ill.
Mouat-Squires Co., 1246 W 4th, Cleveland, O.
Nason Mfg. Co., 71 Fulton, New York
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
See adv index at end of book
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Page W. H. Boiler Co., 141 W 36th, New York
Penn Engineering Co., 1119 N Howard, Phila., Pa.
Phelps Heating Specialty Co., 101 Beekman, New York
Pierce, Butler & Pierce Mfg. Corp. (Packless), 437 East 162nd, New York
POWELL WM. CO. ("White Star," "Crescent," "Union." "Composite" Disc) 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rado Co., Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co. ("Scott" "Chicago"), 1097 McKinley, Detroit, Mich.
Superior Brass Mfg. Co., Dept. H, Mansfield, O.
Syracuse Faucet & Valve Co. ("Syracuse Packless"), Eastwood, N. Y.
United States Radiator Corp., 133 E Grand River, Detroit,, Mich.
Walworth Mfg. Co., Boston, Mass.
Webster Warren & Co. ("Webster" Modulation), Camden, N. J.
Williams D. T. Valve Co., Cincinnati, O.

Valves (Radiator, Automatic Air)

See Valves, Air

16375—Valves (Radiator, Back-Off-set)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Marsh Valve Co., Erie, Pa.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York

16376-7—Valves (Radiator, Corner)

Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.

VALVES (RADIATOR CORNER)—cont.
Capital Brass Works ("Jenkins Disc," Male & Female), 596 Franklin, Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Eureka Brass Works, ("Eureka"), 1040 Hulbert av, Cincinnati, O.
Fairbanks Co., 416 Broome, New York
Gorton & Lidgerwood Co., 96 Liberty, New York
Hammond Brass Works, Hammond, Ind.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Offset, Brass), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
See adv index at end of book
O'Malley-Beare Valve Co. ("Multiplate"), Railway & Exchange bldg, Chicago, Ill.
Powell Wm. Co. ("White Star" Corner Offset & Union Disc.), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Simmons John Co., 110 Centre, New York
See adv index at end of book
Stephens Roe Mfg. Co. ("Scott"), 1097 McKinley, Detroit, Mich.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16378—Valves (Radiator, Steam & Hot Water)

Belknap Mfg. Co. (Quick Opening), Bridgeport, Conn.
Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.
Capital Brass Works (Male & Female), 596 Franklin, Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Commonwealth Brass Corp. (Packless), 5781 Commonwealth av & Ry, Detroit, Mich.
CRANE CO. (Angle Cornēr, etc.), **836 S** Michigan av, Chicago, Ill.
See adv index at end of book
Detroit Brass Works, 331 Holden, Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Dole Valve Co., 1923 Carroll av, Chicago.
Eureka Brass Works ("Eureka"), 1040 Hulbert av, Cincinnati, O.
Fairbanks Co., 416 Broome, New York
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Gorton & Lidgerwood Co., 96 Liberty, New York
Hammond Brass Works, Hammond, Ind.
Honeywell Heating Specialty Co. ("Honeywell," "Unique"), Wabash, Ind.
Jarecki Mfg. Co., Erie Pa.
Kelly & Jones Co. ("Jewel," Quick Opening with Union), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Magee Steam Specialty Corp. ("Jambo"), 136 Beekman, New York
Marsh Valve Co., Erie, Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Monash-Younker Co. ("Monash"), 551 W Monroe, Chicago, Ill.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
See adv index at end of book
Penn Engineering Co., 1119 N Howard, Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Simmons John Co., 110 Centre, New York
See adv index at end of book
Stephens Roe Mfg. Co. ("Chicago" Quick Opening), 10997 McKinley, Detroit, Mich.
Syracuse Faucet & Valve Co., Eastwood, N. Y.
United States Radiator Corp., 133 E Grand River, Detroit, Mich.

Valves (Reducing)

See Valves, Pressure Reducing

16379-80—Valves (Regrinding)

Aterite Co. Inc. ("Aterite & Fanosite"), N E Cor. John & William, New York
Buckeye Iron & Brass Works, Dayton, O.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
CRANE CO., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Everlasting Valve Co., 2 Rector, New York
Eynon-Evans Corp. ("Eynon" Gate Valves), N 15th & Clearfield, Phila., Pa.
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. ("Excelsior," Brass), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Penberthy Injector Co. ("Penberthy"), 346 Holden av, Detroit, Mich.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York
Pittsburgh Valve & Fittings Co., Barberton, O.
Powell Wm. Co. ("White Star" & "Model Star" Globe, Angle, Cross & Check), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P. & C" Check), Hartford, Conn.
Williams D. T. Valve Co., Cincinnati, O.
Williams Wm. E. ("Wew"), 62 Front, New York
Williams & Wells, 253 Fulton, New York
See adv index at end of book

Valves (Regulating)

See Regulators, Pressure; also Governors, Pump

16381— Valves (Relief)

Acton John (Atmospheric Exhaust; also Sensitive), 118 John, Brooklyn, N. Y.
American Valve & Meter Co., Cincinnati, Ohio
Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Atwood & Morrill ("XXth Century" Horizontal, Vertical, Angle & Down Discharge), Salem, Mass.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass.
See adv index at end of book
CASH A. W. C., Decatur, Ill.
See adv index at end of book
Chambersburg Engng. Co. (Hydraulic), Chambersburg, Pa.
Crane Co. (Water), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Crane Co. (Automatic), Bridgeport, Conn.
Davidson M. T. Co. ("Davidson" Automatic Exhaust for Condensing Engines), 154 Nassau, New York
Davis G. M. Regulator Co. (Open Air), 434 Milwaukee av, Chicago, Ill.
Decatur Pump & Mfg. Co., Decatur, Ill.
Dielmore Valve Co. (Automatic), Tacoma, Wash.
Donnelly Mfg. Co. ("Donnelly"), 10 High, Boston, Mass.
Elliott B. K. Co. (Atmospheric), 126 6th, Pittsburgh, Pa.
Fairbanks Co., 416 Broome, New York
Fisher Governor Co., Marshalltown, Ia.
Foster Engineering Co. (Air, Water, Steam & Atmosphere), 109 Monroe, Newark, N. J.
Garret W. D. & Co. (Atmospheric), 136 Liberty, New York
Golden-Anderson Valve Specialty Co. ("Anderson," Water Pressure, etc), Fulton bldg, Pittsburgh, Pa.
Hammett H. G. ("Richardson," Also Combined Pressure & Vacuum Relief), Troy, New York
Hennebohle Frank (Ammonia), 31st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Kellogg M. W. Co. (Automatic, Atmospheric Exhaust), 90 West, New York
See adv index at end of book
Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.
Konold M. J. Co. (Automatic), Bessemer bldg, Pittsburgh, Pa.
KUNKLE VALVE CO., 821 Barr, Fort Wayne, Ind. *See adv index at end of book*
L. B. Brass Co. ("Donnelly"), Peabody, Mass.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Larkin Mfg. Co., Dayton, O.
LOCKE REGULATOR CO. ("Locke" or Vacuum Breaker), Salem, Mass.
See adv index at end of book
Lombard Governor Co. (From 5 to 23 inches in Diameter, for Water Wheel Power), Ashland, Mass.
Ludlow Valve Mfg. Co. ("Ludlow"), ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
McAlear Mfg. Co. (Atmospheric & Automatic for Steam), 1901 S Western av, Chicago, Ill.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Mowell Augustus & Co. ("Mowell" Automatic), Paterson, N. J.
Mueller H. Mfg. Co. (also Globe Valves), Decatur, Ill.
Nason Mfg. Co., 71 Fulton, New York
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Republic Supply Co. (Jobbers), 123 Water, Pittsburgh, Pa.
Ross Valve Mfg. Co. ("Trojan" for Water Mains), 9 Oakwood av, Troy, N. Y.
Ruggles-Klingmann Mfg. Co. ("R.-K."), (Atmospheric, for Steam, Water or Air), Salem, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York
See adv index at end of book
Smolensky M. Mfg. Co., Jasper av, & Ridge rd, Cleveland, O.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Specialty Mfg. Co. ("S. M. C." Automatic Cylinder), 14 E Jackson blvd., Chicago, Ill.
Stack Heater Co. ("Stack" Safety), 39H Sudbury, Boston, Mass.
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Triumph Valve Mfg. Co., Mansfield, O.
Valle-Kimes Co. ("V. & K."), Dayton, O.
Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.
Wheeler C. H. Mfg. Co. ("Multifex" Atmospheric), Lehigh av & 18th, Phila., Pa.
Wheeler Condenser & Engng. Co. (Air), W Carteret, N. J.
See adv index at end of book
Williams Wm. E. ("Wew"), 62 Front, New York
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp. (Exhaustand, Automatic Exhaust), 115 B'way, New York
See adv index at end of book
Yarnall Waring Co. (Air Compressor), Chestnut Hill, Phila., Pa.

16381a—Valves (Renewable Disc)

Belfield H. Co. ("J. R. G."), 435 N Broad, Phila., Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jenkins Bros., 80 White, New York
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City

16382—Valves (Renewable Seat)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Bashlin Co., Warren, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO. ("Renewo" "Ferrenewo," "Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co. ("White Star"), 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C" Gate), Hartford, Conn.
Richardson-Phenix Co. ("R. P. Nokut"), 131 2nd, Milwaukee, Wis.

16383— Valves (Reversing)

Amsler Morton Co. ("Amsler"), Hoboken, Pa.
Blaw-Knox Co., Freeport rd, Hoboken, Pa.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Gas Machinery Co. (Gas), 1900 Euclid av, Cleveland, O.
Johns - Manville, Inc. ("Vulcabeston"), Madison av & 41st, New York
Morgan Construction Co. ("Dybie," Air or Gas), Worcester, Mass.
Miller W. R. Co. (Air & Gas), House bldg. Pittsburgh, Pa.
Sterritt-Thomas Foundry Co. ("Sieman"), 32d & Smallman, Pittsburgh, Pa.
Swindell Wm. & Bro., Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
WELLMAN-SEAVER-MORGAN CO. ("W. S. M. Foster Water Sealed"), Cleveland, O. *See adv index at end of book*

16384— Valves (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.

Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co. (Pump), Cincinnati, O.
Continental Rubber Works, Erie, Pa.
CROSBY STEAM GAGE & VALVE CO., ("Branden"), 40 Central, Boston, Mass. *See adv index at end of book*
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Excelsior Valve Co. ("Excelsior"), 103 Fulton, New York
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns-Manville H. W. Co. ("Vulcabeston"), Madison av & 41st, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co., Hamilton Square, N. J.
Myers F. E. & Bro., 900 Fourth, Ashland, O. *See adv index at end of book*
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Pump & Ball), 91 Chambers, New York
NEW YORK RUBBER CO., Reade & Church, New York; Chicago, Ill., 325 W Randolph; Houston, Texas
O'Malley Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Pratt & Cady Co. ("P. & C" Hydrant). Hartford, Conn.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Corp., Dept. H, Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Strong Machinery & Supply Co. ("Strong's" "J. O. P." Oil Proof Pump Valves), 292-294 Church, New York
See adv index at end of book
United & Globe Rubber Co., Trenton, N. J.
United States Rubber Co. (Marine Pump, etc), 1790 B'way, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Pump), Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

16385— Valves (Sacking)

Sackett A. J., cor 4th av & 1st, Baltimore, Md.

16386— Valves (Safety)

Am. Radiator Co., 816 Michigan av, Chicago, Ill.
American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Andrews Heating Co., ("Andrews" Regulating), Minneapolis, Minn.
Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Belfield H. Co. (Brass or Iron), 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co., 119 W 40th, New York
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Ex Cel Safety Gas Valve Co., 5726 Euclid av, Cleveland, O.
Fairbanks Co., 416 Broome, New York
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Haydenville Co. (Boiler), Haydenville, Mass.
Hennebohle Frank, 81st & S Chicago av, South Chicago, Ill.
See adv index at end of book
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
KUNKLE VALVE CO., 821 Barr, Fort Wayne, Ind. *See adv index at end of book*
Locke Regulator Co., Salem, Mass.
Lonergan J. E. Co. (Spring Loaded), 211 Race, Philadelphia, Pa.
LUNKENHEIMER CO. ("Duplex," "Twin," "Midget," "Air Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
McRae & Roberts Co., 100 So Campbell av, Detroit, Mich.
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiple"), Railway Exchange bldg, Chicago, Ill.
Powell Wm. Co. (Brass & Iron Angle & Cross, 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Star Brass Mfg. Co. ("Star"), 52 Oliver, Boston, Mass.
Stephens, Roe Mfg. Co. ("Orme," "Scott"), 1097 McKinley, Detroit, Mich.
Springfield Brass Co., Springfield, O.
Walworth Mfg. Co., Boston, Mass.

16387—Valves (Screw Down Check)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16388—Valves (Sewer Flushing)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Phila., Pa.

16389— Valves (Sheer)

Coldwell-Wilcox Co., Newburgh, N. Y.

16390—Valves (Shower Bath)

Clow Jas. B. & Sons ("Clow"), Franklin & Harrison, Chicago, Ill.
Dececo Co., 157 High, Boston, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co. ("Haydenville" Self-Closing), Haydenville, Mass.
Hoffmann & Billings Mfg. Co. (Niedecken Mixer), 100 2nd, Milwaukee, Wis.
Imperial Brass Mfg. Co. ("Ingham"), 1200 W Harrison, Chicago, Ill.
See adv index at end of book
Jenkins Bros., 80 White, New York
Lehnert & Co., 334 E 23d, New York
Leonard Rooks Co., 486 Broad, Providence, R. I.
Mott J. L. Iron Works, Trenton, N. J.
POWERS REGULATOR CO., 2773 Greenview av, Chicago, Ill.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.
Smith & Abbott Co., Portland, Me.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Vulcan Brass Mfg. Co., 24 Noble ct, Cleveland, Ohio
Watrous Co., 524 S Racine, Chicago, Ill. Ill.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wolff Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Wolverine Brass Wks., Grand Rapids, Mich.

16391—*Valves (Sight Feed)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16392— Valves (Slide)

Hammett H. G. ("Richardson," "Allen-Richardson." Balanced), Troy, N. Y.
Young C. C. ("Jack Wilson" High Pressure Balanced), Jersey Shore, Pa.

16393— Valves (Snifting)

Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
KUNKLE VALVE CO., 821 Barry, Fort Wayne, Ind. *See adv index at end of book*
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
Williams Wm. E. ("Wew"), 62 Front, New York
Williams & Wells Co., 253 Fulton, New York *See adv index at end of book*

16394—Valves (Solenoid Operated)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book

16395—*Valves (Special Designs)

Continental Supply Co., 1139 Olive, St. Louis, Mo.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16396— Valves (Stand Pipe)

Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Simplex Valve & Meter Co. (Controlling Valves for Stand Pipes or Reservoirs), 110 N. Broad, Phila., Pa.

16397—Valves (Steam, Air)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Consolidated Car Heating Co., Dept. H, Albany, N. Y.
Darling Valve & Mfg. Co., Williamsport, Pa.
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Jas. P. & Co., 118 S. Clinton, Chicago, Ill.
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
Monash-Youmker Co., 551 W Monroe, Chicago, Ill.
Nathan Mfg. Co. (Air Pump for Locomotives), 416 E. 106th, New York
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16398—Valves (Steam Feed)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Lufkin Foundry & Machine Co. ("Trout's"), Lufkin, Tex.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16398a—Valves (Steam, Gas, Water)

See also Valve Mfrs. for Steam, Gas & Water

Colonial Supply Co., 217 Water, Pittsburgh Pa. *See adv index at end of book*
FRICK & LINDSAY CO (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Hennebohle Frank, 81st & S Chicago, av, South Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City
Reading Valve & Fitting Co., Reading, Pa.
Schutte & Koerting Co., 1251 N 12th, Phila, Pa.
WESTERN GAS CONSTRUCTION CO., 1431 Buchanan, Fort Wayne, Ind.

16399— Valves (Steel)

Bethlehem Shipbuilding Corp, Ltd. (Also Brass & Iron), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
CRANE CO. (Angle, Gate, Globe), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve & Mfg. Co., Williamsport, Pa.
Ford & Kendig Co., 1428H Callowhill, Phila., Pa.
Jenkins Bros., 80 White, New York
Larkin J. K. & Co. (Also Iron), 253 Broadway, New York
See adv index at end of book
Lewis Products Co., Toledo, O.
Locke Regulator Co. ("Locke"), Salem, Mass.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
See adv index at end of book
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Star Brass Mfg. Co. ("Renewable"), 52 Oliver, Boston, Mass.
Strong Steel Foundry Co. (Valve Castings), Buffalo, N. Y.

16400— Valves (Stoker Engine Regulator)

Locke Regulator Co. ("Locke"), Salem, Mass.

VALVES (STOKER ENGINE REGULATOR)—continued

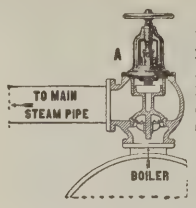
McDonough Automatic Regulator Co., 716 Gd River, Detroit, Mich.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16401— Valves (Stop)

Acton John (Safety), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co. ("Bordo," Locomotive), 12th & Thompson, Phila., Pa.
Central Brass Mfg. Co. (Quick Pression Stop & Waste), 6206 Cedar, Cleveland, O.
Chambersburg Engng. Co. (Hydraulic), Chambersburg, Pa.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Engine), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Davis G. M. Regulator Co. ("Davis" Water), 434 Milwaukee av, Chicago, Ill.
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. (Extra Heavy Flanged Cast Steel & Semi Steel, Forged Steel & Screwed End), East Chicago, Ind.
Fairbanks Co., 416 Broome, New York
Foster Engineering Co. (Automatic Non-Return, etc.), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
Golden-Anderson Valve Specialty Co. (Automatic), Fulton bldg, Pittsburgh, Pa.
Hancock Inspirator Co., 119 W 40th, New York
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Larkin J. K. & Co. 253 Broadway, New York. *See adv index at end of book*
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McAlear Mfg. Co., 1901 S Western av, Chicago, Ill.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
New Bedford Valve Mfg. Co. (Also Automobile Stop), New Bedford, Mass.
Pierce Butler & Pierce Mfg. Corp., 437 E 162nd, New York City.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Check), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Ruggles-Klingemann Mfg. Co. ("R.-K."), Salem, Mass.
Schutte & Koerting Co. ("Schutte" Locomotive & All Steel Body), 1251 N 12th, Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Southwark Foundry & Machine Co., 1128 S 4th Phila., Pa.
Star Brass Mfg. Co. ("Renewable") 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
Strong Carlisle & Hammond Co. ("Strong" Automatic Non-Return), 336 Frankfort av, N W, Cleveland, O.
Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.
Utica Valve & Fixture Co., Utica, N. Y.
Vulcan Brass Mfg. Co. ("Paragon"), 24 Noble Court, Cleveland, O.
Walworth Mfg. Co. (Automatic), Boston, Mass.
Whitcomb Geo. D. Co. ("Whitcomb," For Copper & Other Mines), Rochelle, Ill.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. ("Yarway" Hydraulic"), Chestnut Hill, Phila., Pa.

16401a— Valves (Stop Check)

Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Edward Valve & Mfg. Co. (Steel), East Chicago, Ind.
Hennebohle Frank (Automatic), 81st & S Chicago av, South Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive offices and factories Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Schutte & Koerting Co., 1251 N. 12th, Phila., Pa. *See adv index at end of book*
Star Brass Mfg. Co. ("Renewable") 53 Oliver, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*



Combination stop valve and check valve for boiler service. Balanced piston. Furnished for saturated or superheated steam. *Catalog 8-B.*

Schutte & Koerting Co.
1251 North 12th Street
Philadelphia, Pa.

16402—Valves (Street Sprinkling)

Everlasting Valve Co., 2 Rector, New York
Hoffmann B. Mfg. Co. ("Heim"), 257 6th, Milwaukee, Wis.
Jones Jas. Co., 201 Leroy, Los Angeles, Cal.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16403—Valves (Sugar Wagon)

McNab & Harlin Mfg. Co., 55 John, New York

16404— Valves (Super-heat)

Aterite Co. Inc. ("Aterite"), N E Cor John & William, New York
Ashton Valve Co. ("Ashton," Safety), 161 First, Cambridge, Mass.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Darling Valve & Mfg. Co., Williamsport, Pa.
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO. ("Victory"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Star Brass Mfg. Co. ("Safety"), 53 Oliver, Boston, Mass.

16405—Valves (Surgical Laboratory & Sink)

Speakman Supply & Pipe Co. ("Speakman" Foot Action, Pedal, etc.), Wilmington, Del.

16406— Valves (Syphon)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Exeter Brass Works ("N. H."), Exeter, N. H.
Frost Mfg. Co. (Brass), Kenosha, Wis.
Hall Mfg. Co., Harrison, N. J.
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Miller Chas. A. Co. (Cone for High Tanks), Sturgis, Mich.

16407— Valves (Tank)

American Valve & Meter Co., Cincinnati, Ohio
Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.
Bastin-Blessing Co. (Gas), 125 W. Austin av, Chicago, Ill. *See adv index at end of book*
Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Dececo Co., 157 High, Boston, Mass.
Donnelly Mfg Co., ("Donnelly"), 10 High, Boston, Mass.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Everlasting Valve Co., 2 Rector, New York
Exeter Brass Works, Exeter, N. H.
Fisher Governor Co., Marshalltown, Ia.
Ford Thomas P. Co. ("Ford" High Pressure), 407 Broome, New York
Foster Engineering Co. (Steam & Water), 109 Monroe, Newark, N. J.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Hennebohle Frank, 81st & S Chicago av, S Chicago, Ill. *See adv index at end of book*
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Kennedy Valve Mfg. Co., Elmira, N. Y *See adv index at end of book*
McAlear Mfg. Co. (For Cold or Hot Water), 1901 S Water, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Midland Brass Wks. (Stock Watering), Dept. H, Fort Worth, Texas.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Phillips Flushing Tank Co., 66 Batterymarch, Boston, Mass.
Pierce Butler & Pierce Mfg. Corp., 437 E 162nd, New York City.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa. *See adv index at end of book*
Rundle-Spence Mfg. Co. ("Georgia"), 63 2nd, Milwaukee, Wis.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Standard Brass & Iron Works (For Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.
Trenton Brass & Machine Co., Trenton, N. J.
Waters Governor Co., 141 Milk, Boston, Mass.
Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16408—Valves (Tanner Operating)

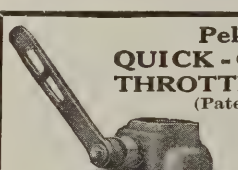
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R. Pittsburgh, Pa.

16409— Valves (Thermostat)

American Thermostat Co. ("Marvel"), 226 Jelliff av, Newark, N. J.
Hoffman Heater Co. ("Hoffman"), Lorain, Ohio
Illinois Engineering Co. ("Illinois"), W 21st & Racine av, Chicago, Ill.
Monash-Younker Co. ("Monash" air vapor vacuum or gravity), 551 W Monroe, Chicago, Ill.
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Yoder-Thomas Mfg. Co. ("Wentz"), Engineers' Bldg, Cleveland, O.

16410— Valves (Throttle)

Buckeye Iron & Brass Works (High Pressure, Quick Opening Balance), Dayton, Ohio
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Detroit Lubricator Co. ("Detroit Pendry"), Detroit, Mich.
Dixon Valve & Coupling Co., 11th & Race, Phila., Pa.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Haydenville Co. ("Peerless"), Haydenville, Mass.
Hennebohle Frank (Balanced for Steam Reversing Engines), So. Chicago, Ill. *See adv index at end of book*
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (For Drills), 821 Cherry, Phila., Pa.
Larkin J. K. & Co., 253 Broadway, New York. *See adv index at end of book*
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
Mead-Morrison Mfg. Co. (Straightway & Balanced), Prescott & Orleans, Boston, Mass.
Nelson Valve Co., Harrison bldg, Phila., Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pekor Iron Wks. ("Pekors" Quick Opening), Columbus, Ga. *See adv index at end of book*



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(Patented)

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Columbus, Georgia, U. S. A.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Ready," "Titan," "Giant"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa. *See adv index at end of book*
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Star Brass Mfg. Co. ("Star") 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co. ("Goldsmith"), 1097 McKinley, Detroit, Mich.

Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.
Williams Wm. E. ("wew"), 62 Front, New York
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

16411— Valves (Tire)

Schrader's A. Son, Inc. ("Schrader" Universal for Bicycles, Motorcycles, Automobiles, etc), Brooklyn, N. Y.

16412—Valves (Track Sander)

Ohio Brass Co. ("O. B." Diaphragm, Mansfield, O. *See adv index at end of book*

16413— Valves (Transfer)

Jarecki Mfg. Co., Erie, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16414-5—Valves (Tubular Well)

American Well Works The, 112 B'way, Aurora, Ill. *See adv index at end of book*
Crestline Mfg. Co., Crestline, O.
Mark Mfg. Co., Evanston, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Valves (Tuyere)

See Cocks, Tuyere

16416-7-8—Valves (Underwriters' Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Columbian Iron Works ("Columbian"), Chattanooga, Tenn.
CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Star Brass Mfg. Co ("Star"), 53 Oliver Boston, Mass.

16419— Valves (Vacuum)

Bottum Valve Co., 211 W Schiller, Chicago, Ill.
Dexter Engineering Co., Inc., Providence, R. I.
Donnelly Mfg. Co. ("Donnelly") 10 High, Boston, Mass.
Economy Vapor Heating Co., Merchants' National Bank bldg, Omaha, Nebr.
Fairbanks Co., 416 Broome, New York
Marsh Valve Co., Erie, Pa.
Monash-Younker Co. ("Monash" & Vapor), 551 W Monroe, Chicago, Ill.
Pearce W. H. & Co. ("Crescent"), 115 S Dearborn, Chicago, Ill.
Pierce, Butler & Pierce Mfg. Corp., 437 East 162nd, New York City.
Witt G. E. Co., 862 Howard, San Francisco, Cal.

16420—Valves (Vacuum, Automatic Air)

Beaton & Cadwell Mfg. Co. ("Vaco"), New Britain, Conn.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bridgman Bros. Co. ("Bridgman" D for Vacuum Heating), 131 S 31st, Phila., Pa.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Donnelly Mfg. Co. ("Donnelly"), 10 High, Boston, Mass.
Fulton Co. ("Syiphon"), Knoxville, Tenn.
Illinois Engineering Co., W 21st & Racine av, Chicago, Ill.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
L. B. Brass Co. ("Donnelly"), Peabody, Mass.
Monash-Younker Co. ("Four Way Drain") 551 W Monroe, Chicago, Ill.
National Steam Specialty Co. ("National"), 16 S. Clinton, Chicago, Ill.
Open Coil Heater & Purifier Co. ("Stickle" Thermic), Indianapolis, Ind.
Simonds Heating & Specialty Co. ("Simonds"), Grand Rapids, Mich.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16421—Valves (Vacuum Heating)

D. G. C. Valve Co., 18 E 41st, New York
Detroit Lubricator Co., Detroit, Mich.
Dole Valve Co., 1923 Carroll, Chicago, Ill.
Donnelly Mfg. Co. ("Donnelly") 10 High, Boston, Mass.
Jenkins Bros., 80 White, New York
McAlear Mfg. Co. (Air Line), 1901 S Western av, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Marsh Jas. P. & Co. ("Paul," "Marsh, Thermostatic Paul," "Thermodisk," **"Reflux"), 118 S Clinton, Chicago, Ill.**
Pierce Butler & Pierce Mfg. Corp., 437 E 162nd, New York City.
Sarco Co. Inc., 8 Park pl, New York.
Smolensky M. Mfg. Co., Jasper av & Ridge rd, Cleveland, O.

16422— Valves (Vault)

Meerhoff H. H. (For Outdoor Closets with Sewer Connections), Richmond, Ind.

16423— Valves (Vento)

National Steam Specialty Co. ("National," Fan Blast Work, Indirect & **Vento Radiation), 16 S Clinton, Chicago, Ill.**

16424—Valves (Washing Machine)

McMaster-Carr Supply Co. ("Ideal" Automatic), 174 N Market, Chicago, Ill.

16425—Valves (Water Cooled)

Blaw-Knox Co., Freeport rd, Hoboken, Pa.

16426—Valves (Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Ashton Valve Co. ("Ashton"), 161 First, Cambridge, Mass.
Consolidated Safety Valve Co. ("Consolidated" for Fire Pumps, Pumping Stations & Hydraulic Elevators, etc), 119 W 40th, New York
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
CROSBY STEAM GAGE & VALVE CO., ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
Davis G. M. Regulator Co. (Also Semi-Balanced Seated), 434 Milwaukee av, Chicago, Ill.
Donnelly Mfg. Co. ("Donnelly"), 10 High, Boston, Mass.
d'Este Julian Co., 26 Canal, Boston, Mass. *See adv index at end of book*
Kunkle Valve Co., 821 Barr, Fort Wayne, Ind. *See adv index at end of book*
Larkin J. K & Co., 253 Broadway, New York. *See adv index at end of book*
LARNER-JOHNSON VALVE & ENGINEERING CO., Widener bldg., Philadelphia, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Mason Regulator Co. ("Mason") 1192 Adams, Boston, Mass.
Nason Mfg. Co., 71 Fulton, New York
Powell Wm. Co., Cincinnati, O. *See adv index at end of book*
Ross Valve Mfg. Co. ("Trojan"), 9 Oakwood av, Troy, N. Y.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Stephens Roe Mfg. Co. ("Scot"), 1097 McKinley, Detroit, Mich.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Walworth Mfg. Co., Boston, Mass.
Watson & McDaniel Co., 146 N 7th, Phila., Pa.

16427—Valves (Water Sealed)

Beaton & Cadwell Mfg. Co. ("Gem No. 4" "Wellby Special" "Jumbo" "Perfection"), New Britain, Conn.

16428— Valves (Whistle)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass. *See adv index at end of book*
Homestead Valve Mfg. Co. ("Homestead"), Homestead, Pa.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Nason Mfg. Co., 71 Fulton, New York
Ohio Brass Co. (Air), Mansfield, O. *See adv index at end of book*
O'Malley-Beare Valve Co. ("Multiplate"), **Railway Exchange bldg, Chicago, Ill.**
Powell Wm. Co. (Plain or Balanced), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
Wilcox, Crittenden & Co. Inc. (For Air), Middletown, Conn. *See adv index at end of book*
Williams D. T. Valve Co., Cincinnati, O.
Williams & Wells Co., 253 Fulton, New York. *See adv index at end of book*

16429— Valves (Y)

Cleveland Pneumatic Tool Co. (Pneumatic), 3734 E 78th, Cleveland, O.
Crane Co., 836 S Michigan av, Chicago Ill. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO. ("Renewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Portland Co. (Bronze), Portland, Me.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Star Brass Mfg. Co. ("Renewable"), 53 Oliver, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

16430—Valves & Bands (Water Pipe Tapping)

Union Water Meter Co., Worcester, Mass.

Vanadium

See Ferro, Vanadium

16431— Vanadium-Copper

Metal & Thermit Corp., 120 B'way, New

16432— Vanillin

Monsanto Chemical Works, St. Louis, Mo.

16433— Vanners (Frue)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
Galigher Machinery Co. ("Isbell"), Salt Lake City, Utah
Hallidie Company (Iron Frame), Spokane, Wash. *See adv index at end of book*

16434— Vans (Moving)

Milburn Wagon Co., Toledo, O.
Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.
Winkler-Grimm Corp., South Bend, Ind.

16435—Variable Speed Transmission

See also Gears, Reduction for Motors
American Rotary Pump, 67 Hampden, Boston, Mass.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Evans Friction Cone Co. ("Evans"), Newton Center, Mass.
Goodman Machine & Tool Co., 50 Church, New York
Horton Mfg. Co., 3008 University av, Minneapolis, Minn.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
O'Kelly Gregory ("O'Kelly") 557 W Jackson blvd, Chicago, Ill.
Phenix Iron Works, Winona, Minn.
Reeves Pulley Co. ("Reeves" System), Columbus, Ind.

16436— Variators

American District Steam Co. (Single & Double Expansion), North Tonawanda, N. Y.

Varnish (Armature & Field Coil)

See Varnishes, Insulating

16436a— Varnish (Clear)

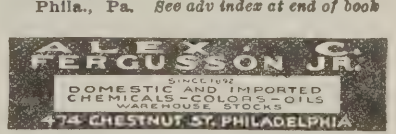
DU PONT E. I. DE NEMOURS & CO. INC., (Sales Dept., Paint & Varnish Section), Wilmington, Del. *See adv index at end of book*

16437— Varnish Cloth

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.
Essex Varnish Co. (Aeroplane Cloth), 213 McWhorter, Newark, N. J.
Fleig L. L. & Co., 212 W Austin av, Chicago, Ill. *See adv index at end of book*
Mitchell-Rand Mfg. Co., 18 Vesey, New York.

16438— Varnish Gums

Apelt Herman (Imp), 76 Wall, New York
Bauer Phillip Co. (Damar), 25 W B'way, New York
Cameron R. W. & Co. (Imp Kauri), 33 S William, New York
Carleton E. Everett & Co. (Imp.), copal, damar, pontiawak, 133 Front, New York
Fergusson, Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*



Fuerst Bros. & Co., 2 Stone, New York
Gillespie L. C. & Sons (Kauri, Damar & Copal), 8 Fletcher, New York
Gravenhorst & Co. (Copal) (Imp), 96 Wall, New York
Gross Otto (Imp), 66 Beaver, New York

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Hartman Bros., Inc. (Imp. Damar), 641 Atlantic av, Boston, Mass.
Isenstein Otto & Co. (Copal & Damar Imp), 132 Front, New York
Klipstein A. & Co. (Kauri, Damar & Copal), 644 Greenwich, New York
Maver E. Co. (Imp.) (Copal), 80 Maiden la, New York
Meyer J. & Sons (Kauri, Copal, Damar), 537 Phila. Bourse, Phila., Pa.
Paterson, Boardman & Knapp (Kauri, Damar Copal), 10 Bridge, New York
Patterson G. W. S. & Co. (Kauri, Damar & Copal), 135 Front, New York
Pauli Hermann (Copal), 80 Pine, New York
Scheel Wm H. (Kauri, Damar & Copal), 159 Maiden la, New York
See adv index at end of book
Toppenbeck W. (Imp.), 106 Wall, New York
Windmuller L. & Roelker (Copal), 20 Reade, New York
Winterbourne S. & Co. (Kauri, Damar & Copal), 94 Pine, New York

16439— Varnish Mfrs.

CALIFORNIA.

ALAMEDA—Worden Meeker Varnish Co. of San Francisco
OAKLAND—California Paint Co.
SAN FRANCISCO — BASS - HUETER PAINT CO., 816 Mission
Fuller W. P. & Co., 301 Mission
Remelite Paint Co.
San Francisco Pioneer Varnish Wks., 816 Mission
Tamm & Nolan Co., 151 Potrero av
Yates & Co., 762 Folsom

COLORADO.

DENVER—Baum Bros. Co.
McMurtry Mfg. Co.

CONNECTICUT.

BRIDGEPORT—American Lacquer Co.
Crockett D. B. Co. ("Opal Gloss" Spar)
Parrott Varnish Co. ("Parrott" Auto)
MIDDLETOWN—Smith J. O. Mfg. Co.
NEW HAVEN—Booth & Law Co.

DELAWARE.

WILMINGTON—Bradford James Co.

GEORGIA.

ATLANTA—Cooledge F. J. & Sons
Southern Paint & Varnish Wks. ("S. P. V. W.")
AUGUSTA—O'Connor & Schweers Paint Co.

ILLINOIS.

CHICAGO—Adams & Elting Co. ("Ad-El-Ite," Floor 103, "Spar-Ite"), 726 Wash blvd
American Varnish Co. (Railway Carriage & Cabinet), 1140 N Branch
Armstrong Paint & Varnish Works ("Varnolin"), 2502 S Paulina
Atlantic Drier & Varnish Co., 3909 Sheridan rd
Barrett Varnish Co., 233 W Lake
Bennett Varnish Co. ("Carbeno"), 2215 Elston av
Chicago Varnish Co., 2100 Elston av
Cooper-Belt Varnish Co., 2606 Federal
Crown Varnish & Enamel Co., 2322 N Seeley av
Day Jas. B. & Co., 224 W Superior
Devoe & Raynolds Co., 14 W Lake
Elliott Varnish Co. ("Roof Leak"), 1013 S Kolmar av
Elmendorf Varnish Co., 841 Larrabee
Ernecke & Salmstein Co., 944 W North av
Franche C. E. & Co. (Label Straw Hat & Broom Handle), 440 Orleans, Dept H.
Grace Varnish Co., 1014 Larrabee
Martin-Senour Co., 2520 Quarry
Nikolas G. J. & Co., 1227 W Van Buren
Nubian Paint & Varnish Co. ("Victory," "Everlastine," "Re - Vi-Var"), 1856 Leclair av
Stewart, Mowry Co., 3218 Shields av
Sullivan Varnish Co., 410 Hart
Tousey Varnish Co., 520 W 25th
Twin City Varnish Co., 340 River
Unkefer Geo. R. Co., 1827 Le Clair av,
Vilas Bros, 717 S 5th av
Washburn Thos. F. Co., 2213 Lister av
Watson Geo. E. Co., 62 W Lake
Wheeler Varnish Works, 2260 Elston av
PEORIA—Globe Mfg. Co.
ROCKFORD—Rockford Varnish Co.
SPRINGFIELD—Kinsella Varnish Co.
ZION CITY—Bereda Mfg. Co.

INDIANA.

INDIANAPOLIS—Indianapolis Varnish Co.
Lilly Varnish Co.
SOUTH BEND — O'Brien Varnish Co. ("O'Brien")
VALPARAISO—Chicago Mica Co. ("Champion"). *See adv index at end of book*
Parker Chas. H. Co.

IOWA.

WATERLOO—Waterloo Varnish Mfg. Co.

KENTUCKY.

LOUISVILLE—Long C. R. Jr. & Co.
Louisville Varnish Co.
Sun Varnish Co.

LOUISIANA.

NEW ORLEANS—Union Varnish Co. (A. Riggs & Bro., Props.), 3d & Claibourne

MAINE.

PORTLAND—Fuller August P. Co.

MARYLAND.

BALTIMORE—Baltimore Varnish Works, Severn & Bayard
Davis H. B. Co., Bayard & Severn
Macheal Jas. B. & Co., Warner & Wooster
Popplein G. & N., 220 Guilford

MASSACHUSETTS.

BOSTON—Babcock J. & Co., Allston
Babcock Varnish Co., 144 High
Boston Varnish Co., Everett Station
Burbank & Ryder
Carpenter-Morton Co. ("Campbell"), 77 Sudbury
King E. & F. & Co., 367 Atlantic av
New England Oil, Paint & Varnish Co., Waters av
Wadsworth, Howland & Co. ("Bay State"), 141 Federal
CHELSEA—Miller Lyman M. (Est. of)
Nico Varnish Co.
EVERETT—Boston Varnish Co.
Nolst Varnish Co.
MIDDLEBORO—Shaw Geo. H. Co.
NORFOLK DOWNS—Norfolk Varnish Co.
SPRINGFIELD—Hampden Paint & Chemical Co.
Wadsworth Howland & Co.

MICHIGAN.

BATTLE CREEK—Battle Creek Roofing & Mfg. Co.
DETROIT—Acme White Lead & Color Works, St Aubin & M. C. R. R.
Berry Bros.
Boydell Bros. White Lead & Color Co., 40 E Lafayette
Cadillac Varnish Works, 31 Eastern pl
Detroit Varnish Co., 560 E Milwaukee
Detroit White Lead Works, 560 E Milwaukee
McNamara Michael Varnish Works, Clark & M C R R
Peninsular Paint & Varnish Co., St. Aubin & M C. R R.
Rinshed Gagnier Paint Co. (Jobbers), 164 E Congress, Dept. H.
Rinshed Mason Co. (Jobbers), Milford & P. M. R. R., Dept. H.
Trus-con Laboratories
GRAND RAPIDS—Grand Rapids Varnish Co.
Grand Rapids Wood Finishing Co.
PONTIAC—Pontiac Varnish Co.
FLINT—Flint Varnish & Color Works

MINNESOTA.

ST. PAUL—St. Paul White Lead & Oil Co., Water & Starkey
Twin City Varnish Co. ("Best-Yette," "Wearette"), 521 Cleveland av

MISSOURI.

KANSAS CITY—Seidlitz Varnish Co., 18th & Garfield
Southwestern Paint & Varnish Co.
ST. LOUIS—Campbell Glass & Paint Co., 816 N 7th
Certain-teed Products Corp., Boatman's Bank bldg
Gregg Varnish Co., Grand & McKissock av
Missouri Paint & Varnish Co., 514 De Soto
Mound City Paint & Color Co., 11th & Mullanphy
Price Varnish Co., 2115 Singleton
Robbins A. Varnish Co., 1537 N 8th
Sealwood Co., 5072 Delmar
Vane-Calvert Paint Co., 1601 N B'way

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Certain-teed Products Corp.
Waterall Wm. & Co. Inc.
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New Jersey Paint Works (Louderbough Hy, Prop), Wayne
Woolsey C. A. Paint & Color Co., 490 Grand
NEWARK—Anglo-American Varnish Co., 55 Johnson
Armitage Jno. L. & Co., 54 Dawson
Beckwith-Chandler Co., 203 Emmett
Bigelow Varnish Co., 81 Oliver
Brooks Clarence & Co., 249 Chestnut
Continental Varnish Co.
Devoe F. W. & C. T. Reynolds Co. 223 N. J. R R. av
(See New York City)
Essex Varnish Co., 218 McWhorter
Flood & Conklin Co., 132 Chestnut
Murphy Varnish Co., 224 McWhorter
Newark Varnish Works, Delancy c Adams
Palmer Price Co., 270 Chestnut
Patton Paint Co., ft Chester av
Pitcairn Varnish Co., ft Chester av
Reliance Varnish Works, 104 Johnson
PLAINFIELD—Price-Bond Varnish Wks

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BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Beaver Varnish Co.
Buffalo Oil, Paint & Varnish Co.
Century Mfg. Co., 272 W Genesee
Century Varnish Co., 272 W Genesee
Harland Wm & Son
McDougall Varnish Co., 24 Evans
Pratt & Lambert (Inc.)
ELLENVILLE—Ulster Paint Works
JAMESTOWN—Jamestown Wood Finishing Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ambroid Co. (For Hat Blocks & Aeroplanes), 227 Miller av
American Varnish Works, 425 Greenpoint av
Barclay Naval Stores Co. (Rosin Varnish) 60 Delevan.
Booden & Son ("K-A-U-R-I"), 243 N 9th
Brooklyn Varnish Mfg. Co., 35 Nostrand av
Brown Chas. H. Paint Co., 262 Fulton, New York
Carter C. W. H. (Firm of), Columbia De Bar Co., 58 Delevan
Hildreth Varnish Co., 77 N 12th
Hilo Varnish Corp., Marcy & Flushing avs
Howe Varnish Co., 253 Norman av
Keystone Varnish Co. ("Keystone"), 71 Otsego
King Paint Mfg. Co., 449 Kent av
Masury John W. & Son, 50 Jay
Moore Benj. & Co., 231 Front
Pierce F. O. Co., 30 Tiffany pl
Valentine & Co., 364 Manhattan av
Wood & Van Derwerken Varnish Co., 33 Wythe av

Boroughs of Manhattan and Bronx.

NEW YORK—Amalgamated Paint Co. ("Amalco" Amalgamated), Pier 11, North River
Anderson T. P., 304 Madison av
Androvette & Townsend (Shellac), 235 Water
Beckwith, Chandler Co., 5th av & 32d
Behlen H. & Bro., 371 Pearl
Berry Bros., 262 Pearl
Calman Emil & Co., 100 William
Carter C. W. H. (Lithographers'), 8 Ferry
Congress Varnish Works, 114 Maiden Lane
Devoe & Raynolds Co. Inc., 101 Fulton
Dunham Thos. C., 68 Murray
Excelsior Varnish Works, 261 B'way
Feigel M. & Bro., 185 Wooster
Gerstendorfer Bros. ("Sapolin"), 221 E 42d
Gimbel Geo. & Co., Inc., 24 Stone
Hildreth Varnish Co., 90 West
Longman & Martinez ("Bull Dog"), 54 Maiden la
Louderback A. E. (Mander Bros.), Imp., 75 Murray
Mayer & Loewenstein ("Adamant"), 164 Water
Maynz & Co. (Brewers' Varnish), 18 Water
Mogul Co., 45 W 34th
Mott Haven Color Works, 395 Mott av
Payson Varnish Co., 141 1st & Walnut av
Pierce F. O. Co., 10 E 43d
Pomeroy & Fischer (Imp), 95 Madison av
Pratt & Lambert ("Sixty-One"), 185 Madison av
Rogers-Pyatt Shellac Co. (Shellac), 81 Water
Schlegel Oscar Mfg. Co., 124 E 13th
Sonneborn L. Sons, 262 Pearl
Standard Varnish Works ("Elastica" Railroad, Marine, House, etc), 90 West
Toch Bros., 320 5th av
Valentine Co., 456 4th av
Victorson Varnish Co., 100 William
Winterbourne S. & Co., 94 Pine
Zinsser Wm. & Co., 195 William

Borough of Queens.

COLLEGE POINT—Chilton Paint Co.
GLENDALE STATION—Lion Varnish Wks
LONG ISLAND CITY—Calman Emil & Co., Vernon av
Chase Roberts & Co. ("Kismet," "Ozonite"), West av
Fenner Geo. L., West av
Horn-Holland Co., Hancock
Mayer & Lowenstein, 348 Vernon av
National Varnish Co., 153 West av
Smith Edw. & Co., 127 West av
Thibaut & Walker Co., 9th & West av
United Varnish Co. (Varnish for all Purposes), 248 Green
Willey C. A. Co., Hancock

Borough of Richmond.

ELM PARK—Standard Varnish Works ("Elastica," Railroad, Marine, House, etc), 2589 Richmond ter (End of New York City)
SCHENECTADY—Schenectady Varnish Co.
TROY—DeGolyer Varnish Works

OHIO.

AKRON—Akron Varnish Co.
CANTON—Arlington Mfg. Co.
CINCINNATI—Ault & Wiborg Co. (Finishing Varnishes & Japans)
Becker R. A. Varnish Co., Harrison av & Garrard
Blackburn Varnish Co., Dana & Floral Evanston
Bord Varnish Co., 202 Main
Cincinnati Varnish Co., 2111 South
Foy Paint Co., 230 E 5th
Johnston R. F. Paint Co., Pearl & Main
Queen City Varnish Co., Montgomery rd & Dana av
Richmond Bros., 616 Main
United States Varnish Co., 2616 Colerain
Wolf Herman & Co., 214 W Liberty
CLEVELAND—Arco Co., Euclid av & E 65th
Billings-Chapin Co., 1163 E 40th
Bond Paint & Varnish Co., E 81st
Buiger Wm. Varnish Co., 3053 E 87th
Canfield Oil Co., 3210 E 55th
Cleveland Varnish Co., 3111 E 87th
Continental Products Co., Quebec av
Cuyahoga Varnish Co., 8820 Bessemer av
Day B. T. & S. P. Co., 2394 Canal rd
Diamond Paint & Varnish Co., Champlain av
Empire Varnish Co., 2638 E 76th
Excelsior Varnish Works, 1242 W 74th, N W
Federal Process Co. ("Federal Gasolla")
Forest City Paint & Varnish Co., 3334 Lakeside av
Fuller Ralph L. & Co., Guardian bldg
Glidden Co. ("Jap-a-lac"), Madison av & Berea rd
Klein Mfg. Co., Amer. Trust bldg
Moore Benj. & Co., E 71st & Belt Line Ry.
National Paint & Varnish Co., 8709 Kinsman rd
Ohio Varnish Co. ("Chi-Namel"), 8604 Kinsman
Patterson-Sargent Co. ("B. V. S.," "Nobrac"), 1325 E 38th
Peerless Paint & Varnish Co., Hippodrome Annex
Robertson Paint & Varnish Co., 9803 Meech av
Sherwin-Williams Co.
Standard Paint & Lead Wks
Ullman-Philpott Co., 4805 Lexington
Van Camp Varnish Co., E 71st & Belt Line
Vaughan Paint Co., Columbus & Big 4
Western Reserve Varnish Co., 1251 Marquette
Wright Varnish Co., Schoefield bldg
COLUMBUS—Columbus Varnish Co.
DAYTON—Kay & Ess Co.
Lowe Bros. Co.
Thresher Varnish Co.
Tower Varnish & Dryer Co.
MARIETTA—Marietta Paint & Color Co.
Northwestern Chemical Co. ("Automobile," "Norwesco")
TOLEDO—Blayz Paint & Varnish Co. ("Blayz"), Spencer
Buckeye Paint & Varnish Co.
Hardy Paint & Varnish Co.
Mountain Varnish & Color Works Inc.
Royal Varnish Co.
WEST PARK—Forbes Varnish Co.

PENNSYLVANIA.

BRIDGEVILLE—Sipe Jas. B. & Co., Dept. H.
HANOVER—Acme Extract & Chemical Works (E. G. Eckert, Prop.)
JAMESTOWN—Jamestown Paint & Varnish Co.
JOHNSTOWN—Cambria Paint & Color Co.
NORRISTOWN—Norristown Varnish Co. (Ltd.)
PHILADELPHIA—Adams Thos. J. & Co., 3605 N 4th
Atlantic Drier & Varnish Co., Meadow & Wolf
Bean Lewis U. Co., 932 Cherry
Bridgeport Wood Finishing Works (Du Pont)
Coyne Bros. Varnish Co., N 2d & Pike
Denny Hilborn & Rosenbach, 230 N 12th
Felton Sibley & Co., 136 N 4th
Flexible Compound Co., 3607 Haverford
French Samuel H. & Co., 4th & Callowhill
Graves N. Z. Corp., 22 S 3d
Grogan H. F. & Co., 2113 E Sergeant
Howell C. H. & Co., 212 Race
Lawrence-McFadden Co., 1400 Fkd. av
Lucas John & Co., 322 Race
McCloskey Varnish Co., S 30th, c Locust
Metropolitan Paint & Varnish Co., 322 Race
Nice Eugene E. ("Nice"), 272 S 2d
Pecora Paint Co., 4th & P. & R. R. R.
Phoenix Paint & Varnish Co., 124 Market
Schrack C. & Co., 152 N 4th
Shoemaker Robt. & Co., 4th & Race
Sprunance-Gilbert Co., 312 N 3rd
THOMSON WOOD FINISHING CO., 329 N 3d *See adv index at end of book*
Trainer Walter L. Co., 3328 Germantown
Watrous Varnish Co., 20th & Tasker
Wetherill Geo. D. & Co., 114 N Front
Wocher H. M. & Son, 1222 W College av
Woodhouse Samuel F. ("Dull Eine"), Unity & Franklin
PITTSBURGH—Eagle Paint & Varnish Co., 225 Galveston
Globe Varnish Co., Kelly & La Schall
Iron City Oil & Varnish Co., Inwood & Frankstown
Lawrence W. W. & Co. ("Tiger-Brand")
Pittsburgh Varnish Co., 2640 Liberty av
Pruett-Schaffer Chemical Co., Tabor
Sterling Varnish Co., Fulton bldg
Suydam M. B. Co., 61st & Butler
Thompson & Co., 357 North av, N. S.
Walters Mfg. Co., Fulton bldg
READING—Wilhelm A. Co.
SHARPSBURG—Atlas Paint Co.
TULLYTOWN—Tully Paint & Varnish Co.
WASHINGTON—Capitol Paint & Varnish Co.

TENNESSEE.

MEMPHIS—Truc-Tagg Paint Co.

TEXAS.

HOUSTON—Kuhn's Paint & Varnish Works
Rogers W. H. Paint Mill

VIRGINIA.

RICHMOND—Atlantic Varnish Works, Inc.

WASHINGTON.

SEATTLE—Crest Chemical Co. ("Pyroxylin")
Seattle Paint Co.

WEST VIRGINIA.

WHEELING—Blue Ribbon Paint Co.

WISCONSIN.

MILWAUKEE—O'Neil Oil & Paint Co., 297 E Water
Patton Paint Co., Milwaukee Wis.
RACINE—Johnson S. C. & Son

Varnish Removers

See Paint & Varnish Removers

16440— Varnish Renovator

Aquart Mfg. Co. (Cleaning & Polishing), Chemical bldg, St. Louis, Mo.
Columbia Refining Co. ("Columbia" Preservative & Cleaner), 90 West, New York
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.

16441— Varnish Substitutes

Boley C. H. Co. ("Lino-O-Lac"), 3722 N Randolph, Phila., Pa.
Standard Varnish Works, 90 West, New York

16442—Varnishes (Architectural)

Arco Co., Euclid av & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc. ("Duralite"), Richmond, Va.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
Chicago Varnish Co. ("Shipoleum"), 2100 Elston av, Chicago, Ill.
Columbus Varnish Co., Columbus, O.
Elmendorf Varnish Co. (For the Building Trade), 841 Larrabee, Chicago, Ill.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Keystone Varnish Co. ("Trimalite"), 71 Otsego, Brooklyn, N. Y.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Standard Varnish Works, 90 West, New York
Valentine & Co., 456 Fourth av, New York

16443—Varnishes (Asphaltum)

Akron Varnish Co., Akron, O.
Allentown Mfg. Co., Allentown, Pa.
Arco Co., Euclid av & E 65th, Cleveland, O.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Atlantic Varnish Works, Inc., Richmond, Va
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
California Paint Co., Oakland, Cal.
Certain-teed Products Co. ("Certain-teed" Extra Black), Boatmans Bank bldg., St. Louis, Mo.
De Bar Co., The, 58 Delevan, Brooklyn, N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton, New York.
Doggett Stanley, 11 Cliff, New York
Du Pont E. I. de Nemours & Co. Inc., (Sales Dept., Paint & Varnish Section), Wilmington, Del.
See adv index at end of book
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3206 Penn, Pittsburgh, Pa.

VARNISHES (ASPHALTUM)—continued
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Glidden Co., Madison av & Berea rd, Cleveland, O.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Kay & Ess Co., Dayton, O.
Lilly Varnish Co., Indianapolis, Ind.
Lucas Jno. & Co., 322 Race, Phila., Pa.
McCloskey Varnish Co., 30th & Locust, Phila., Pa.
Macneal Jas. B. & Co., Warner & Wooster, Baltimore, Md.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Varnish Co., 153 West av, Long Island City, N. Y.
O'Brien Varnish Co., South Bend, Ind.
Parker Chas. H. Co. (Baking & Air Drying), Valparaiso, Ind.
See adv. index at end of book
Pratt & Lambert, Buffalo, N. Y.
Riesenman Mfg. Co., Franklin, Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Smith Edw. & Co. (Black), 127 West av, Long Island City, N. Y.
Standard Varnish Works, 90 West, New York
Stall Varnish Co., Louisville, Ky.
Texas Company, 17 Battery pl, New York
See adv index at end of book
THOMSON WOOD FINISHING CO., 329 N 3d, Phila., Pa.
See adv index at end of book
Truscon Laboratories (Asphaltum) Caniff & G. T. R. R., Detroit, Mich.
United Varnish Co., 248 Green, Long Island City, N. Y.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.
Wilhelm A. Co., Reading, Pa.

16444—Varnishes (Automobile)

Arco Co., Euclid av & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc. ("Ultra Blac"), Richmond, Va.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
Certain-teed Products ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chicago Varnish Co. ("Chivar-Co."), 2100 Elston av, Chicago, Ill.
Columbus Varnish Co., Columbus, O.
Ditzler Color Co., 40 Baltimore av, W Detroit, Mich.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mountain Varnish & Color Works Inc., Toledo, Ohio.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Standard Varnish Works, 90 West, New York
Valentine & Co. (Vanadium), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16445— Varnishes (Baking)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
California Paint Co., Oakland, Cal.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Valentine & Co., 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16446— Varnishes (Black)

Arco Co., Euclid av & E. 65th, Cleveland, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Chicago Mica Co. ("Champion" Coil & Air Drying), Valparaiso, Ind.
See adv index at end of book
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Essex Varnish Co., 218 McWhorter, Newark, N. Y.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
PROTEXOL CORPORATION, 41 Barclay, New York
Shaffer Color & Varnish Corp., Hoboken, N. J.
Standard Varnish Works, 90 West, New York
Valentine & Co. (In Oil or Japan), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16447— Varnishes (Bronzing)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
De Bar Co., 58 Delevan, Brooklyn, N. Y.
Murphy Varnish Co., McWhorter, Newark, N. J.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Standard Varnish Works, 90 West, New York

16448—Varnishes (Cotton Tie)

Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

16449—*Varnishes (Embossing)

BINSWANGER B. & CO., 329 N 3d, Phila., Pa.

16450— Varnishes (Enameled Leather)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Flood & Conklin Co. (For Renovating Old Carriage Tops), 182 Chestnut, Newark, N. J.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Standard Varnish Works, 90 West, New York

Varnishes (Floor)

See Floor Finish

16451—Varnishes (Insulating)

See also Compounds, Insulating; also Paints, Insulating

American Di-Electrics Ltd., 95 Liberty, New York.
Arco Co., Euclid av & E 65th, Cleveland, O.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Benolite Co. (Black), 331 4th av, Pittsburgh, Pa.
Berry Bros., Detroit, Mich.
Calman Emil & Co. ("Ohmlac"), 100 William, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Central Paint & Supply Co. ("Gilsellgloss"), Railway Exch. bldg, St. Louis, Mo.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Mica Co. ("Crystal"), Valparaiso, Ind.
Columbus Varnish Co., Columbus, O.
Condensite Co. of America, Bloomfield, N. J.
Devoe & Raynolds Co., Inc., 101 Fulton, New York.
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Dolph John C. Co., 168 Emmett av, Newark, N. J.
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Harland Wm. & Son, Buffalo, N. Y.
Hilo Varnish Corp., Marcy & Flushing avs, B'klyn, N. Y.
IMPERVIOUS VARNISH CO., 421 Wood, Pittsburgh, Pa.
Insulatine Co., 1 B'way, New York
Irvington Varnish & Insulator Co., Irvington, N. J.
Lehon Co., 4451 S Oakley av, Chicago, Ill.
See adv index at end of book
Mica Insulator Co. ("M. I. C.," "Linolac"), 68 Church, New York
Mineralac Electric Co., 1045 Washington blvd, Chicago, Ill.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
Nice Eugene E., 272 S 2d, Phila., Pa.
Packard Electric Co., Warren, O.
Patton Paint Co., Milwaukee, Wis.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Redmanol Chemical Products Co., 643 W 22nd, Chicago, Ill.
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Schenectady Varnish Co., Schenectady, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Paint Co. ("P. & B."), 233 Broadway, New York
Standard Varnish Works ("Kwickwork") "Voltalac"), 90 West, New York
Standard Varnish Works ("Impregnite"), 90 West, New York
Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16452—Varnishes (Linoleum & Oil Cloth)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Certain-teed Products Co. ("Certain-teed"), Boatman's Bank bldg, St. Louis, Mo.
Chase, Roberts & Co. (Floor & Table), West av, Long Island City, N. Y.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16453— Varnishes (Marine)

Anglo-American Varnish Co., 53 Johnson, Newark, N. J.
Arco Co., Euclid av & E 65th, Cleveland, O.
Babcock John & Co., Allston, Boston, Mass.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Berry Bros., Detroit, Mich.
Boston Varnish Co., Everett Station, Boston, Mass.
Brooklyn Varnish Mfg. Co. ("K-A-U-R-I" Spar), 35 Nostrand av, Brooklyn, N. Y.
Burbank & Ryder, Boston, Mass.
California Paint Co., Oakland, Cal.
Chesapeake Oil Co., Ostend & Leadenhall, Baltimore, Md.
Chicago Varnish Co. ("Navalite"), 2100 Elston av, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Kuhls H. B. Fred ("Elastic" Deck Varnish), 6413 3d av, Brooklyn, N. Y.
Lucas John & Co., 322 Race, Phila., Pa.
Lilly Varnish Co., Indianapolis, Ind.
Louisville Varnish Co., Louisville, Ky.
McCloskey Varnish Co., 30th & Locust, Philadelphia, Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
National Varnish Co., 153 West av, Long Island City, N. Y.
Newark Varnish Works ("Best" Boatspar), 116 Delancy, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
O'Brien Varnish Co., South Bend, Ind.
Parker Charles H. Co., Valparaiso, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Patton Paint Co., Milwaukee, Wis.
Pratt & Lambert, Buffalo, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works ("Oceana"), 90 West, New York
Toch Bros. (Spar, etc), 320 5th av, New York
Valentine & Co. ("Valspar"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Winn Wm. R. (Jobbers, Spar, etc), 488 Cherry, New York
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

16454— Varnishes (Piano)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Glidden Co. ("Skin Cote"), Madison av & Berea rd, Cleveland, O.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Standard Varnish Works, 90 West, New York
Valentine & Co., 456 Fourth av, New York

16455—Varnishes (Printing & Lithographic)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Columbus Varnish Co. (Lithographic), Columbus, O.

Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Morrill Geo. H. Co., Norwood, Mass.
Standard Varnish Works, 90 West, New York

16456—Varnishes (Railway & Carriage)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
American Varnish Co., 1140 N Branch, Chicago, Ill.
Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Arco Co., Euclid av & E 65th, Cleveland, O.
Babcock John & Co., Allston, Boston, Mass.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Beckwith-Chandler Co., 203 Emmett, Newark, N. J.
Berry Bros., Detroit, Mich.
Bigelow Varnish Co., 87 Oliver, Newark, N. J.
Boston Varnish Co., Everett Station, Boston, Mass.
Burbank & Ryder, Boston, Mass.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Varnish Co. (Railway, "Ce-Ve" Process), 2100 Elston av, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Flint Varnish & Color Wks., Flint, Mich.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Glidden Co., Madison av & Berea rd, Cleveland, O.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Hegeman-Castle Corp. ("Anglo American"), Fisher bldg, Chicago, Ill.
Hildreth Varnish Co., 90 West, New York
Hilo Varnish Corp., Marcy & Flushing avs, Brooklyn, N. Y.
Holden & White ("Anglo American"), 343 S Dearborn, Chicago, Ill.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Louisville Varnish Co., Louisville, Ky.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Martin-Senour Co, 2520 Quarry, Chicago, Ill.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mayer & Loewenstein, 164 Water, New York
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
National Varnish Co., 153 West av, Long Island City, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
O'Brien Varnish Co., South Bend, Ind.
Parker C. H. & Co., Valpariso, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Patton Paint Co., Milwaukee, Wis.
Pratt & Lambert, Buffalo, N. Y.
Schenectady Varnish Co., Schenectady, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works ("Standard"), 90 West, New York
Valentine & Co. ("Lawson"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.

16457— Varnishes (Rosin)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Standard Varnish Works, 90 West, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16458— Varnishes (Rubbing)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett Station, Boston, Mass.
Murphy Varnish Co., McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Standard Varnish Works, 90 West, New York
Valentine & Co. ("Lawson"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

Varnishes (Shellac)

See Shellac

16459— Varnishes (Spar)

Arco Co., Euclid av & E 65th, Cleveland, O.
California Paint Co., Oakland, Cal.
Certain-teed Products Co. ("Certain-teed" "Weather Shield"), Boatmans Bank bldg, St. Louis, Mo.
Devoe & Raynolds Co., Inc. ("Vermosite"), 101 Fulton, New York
Essex Varnish Co., 218 McWhorter, Newark, N. J.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
Parker C. H. Co., Valparaiso, Ind.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Standard Varnish Works, 90 West, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16460— Varnishes & Japans (Asphalt)

Akron Varnish Co., Akron, O.
Arco Co., Euclid av & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc., Richmond, Va.
Barrett Co., 17 Battery pl, New York
Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Boston Varnish Co., Everett, Mass.
Burbank & Ryder, Boston, Mass.
California Paint Co., Oakford, Cal.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York.
Doggett Stanley, 11 Cliff, New York
Essex Varnish Co., 218 Whorter, Newark, N. J.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
Lilly Varnish Co., Indianapolis, Ind.
Lowe Bros. Co., Dayton, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 S 2nd, Phila., Pa.
Patton Paint Co., Milwaukee, Wis.
Perry-Derrick Varnish Co., Vine & C. & O. Ry, Dayton, Ky.
Pratt & Lambert, Buffalo, N. Y.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Sipe Jas. B. & Co., Dept. H, Bridgeville, Pa.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works, 90 West, New York
THOMPSON WOOD FINISHING CO., 339 N 3d, Phila., Pa.
See adv index at end of book
Trinidad Asphalt Mfg. Co. ("The Epure"), Title Guaranty Trust bldg, St. Louis, Mo.
Ulster Paint Works, Ellenville, N. Y.

Vaseline

See Petrolatum

Vases (Cast Iron, for Garden)

See Fountains, Vases, etc,.

16461— Vases (Coal)

Central Stamping Co., 172 Fulton, New York
Hirschman W. F. Inc., 90-92 Main, Buffalo, N. Y. *See adv index at end of book*

16461a—Vases (Hat Pin Holders)

Du Pont E. I. de Nemours & Co. Inc., Pyralin Div. ("Pyralin"), Wilmington, Del. *See adv index at end of book*

16462— Vases, Urns & Tripods

National Plastic Relief Co., 30 Main, Cincinnati, O.

16462a—Vats (Cheese Factory)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Oakes & Burger Co., Cattaragus, N. Y.

16463— Vats (Cypress)

See also Tanks, Wood

ACME TANK COMPANY, 59 Cortlandt, New York. *See adv index at end of book*
American Stave & Cooperage Co., Chelsea, Mass.
Atlantic Tank & Barrel Corp., Hoboken, N. J.
Bushnell Tank Works, Bushnell, Ill.
Cypress Lumber Co., 38 Broad, Boston, Mass.
New England Tank & Tower Co., 42 Main Everett, Mass.
See adv index at end of book
Schlichter E. F. Co. (& Cedar), 10 S 18th, Phila., Pa.
STEARNS, A. T. LUMBER CO., 100 Taylor, Boston, Mass. *See adv index at end of book*
Stevens Tank & Tower Co., Auburn, Me.

16464— Vats (Dye)

ACME TANK COMPANY (Wood), 59 Cortlandt, New York
See adv index at end of book
American Stave & Cooperage Co., Chelsea, Mass.
Atlantic Tank & Barrel Corp., Hoboken, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Heltzel Steel Form & Iron Co. The, Warren, O.
New England Tank & Tower Co., Everett Station, Boston, Mass.
See adv index at end of book
New York Central Iron Wks. Co. Inc., Dept. H, Hagerstown, Md.
Schlichter E. F. Co. (Cypress & Cedar), 10 S 18th, Phila., Pa.
Schwarzwaldery & Sons, Inc., Hoboken, N. J.
Woolford G. (Cedar & Cypress), Wood Tank Mfg Co., Lincoln bldg, Phila., Pa.

16465-6—Vats (Milk & Cream)

Burrell D. H. & Co., Little Falls, N. Y.
Davis-Watkins Dairymen's Mfg. Co, North Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
Johnson & Carlson (Milk), 848 Eastman, Chicago, Ill.

Vault & Office Furniture (Metallic)

See Bank & Office Fixtures, Metallic

16467—Vault & Sidewalk Lights (Plain & Prismatic)

American Bar Lock Co. ("Bar Lock" & "Nu Plan" Systems), Long Island City, N. Y.
American Luxfer Prism Co., General Office & Factory: 1305 S 55th, Chicago, Ill.
American 3 Way Prism Co. (3 Way Prisms), La Porte, Ind.
American Three Way Luxfer Prism Co., 139 Spring, New York
Barnum E. T. Wire & Iron Works, 864 Woodward av, Detroit, Mich.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Brooklyn Vault Light Co. (Plain & Prismatic), 254 Monitor, Brooklyn, N. Y.
Brooks T. H. & Co., Cleveland, O.
Bruner P. M. Granitoid Co., Frisco bldg, St. Louis, Mo.
Canton Foundry & Machine Co., Canton, O.
Carpenter Davis & Co., 216 E. 41st, New York
Columbia Iron & Wire Works Co., Canton, O.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crown Iron Works Co. (Sidewalk Lights Only), 1229 Tyler, Minneapolis, Minn.
Dauphin Wm. Bronze & Iron Works, 141 W 33d, New York
East Iron & Machine Co., 351 E Market, Lima, O.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Grossman Bros. & Rosenbaum, Willow av & 133d, New York
Ham L. M. Co., 158 Portland, Boston, Mass.
Hamill Alex Iron Works, 426 Montgomery, Jersey City, N. J.
Hetherington & Berner, Indianapolis, Ind.
Heughes F. L. & Co., Rochester, N. Y.
International Steel & Iron Co., Evansville, Ind.
Jackson P. H. & Co., 237 First, San Francisco, Cal.
Keppler Glass Construction, 101 Park av, New York
McGuigan Jno. & Co., 142 Stillman, San Francisco, Cal.
Madison Foundry Co., Cleveland, O.
Mansfield Steel Corp., 288 Milwaukee av, E Detroit, Mich.
Megquier & Jones Co., Portland, Me.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
Minneapolis Steel & Machinery Co., 2354 Minnehaha av, Minneapolis, Minn.
Moss J. E. Iron Works, Wheeling, W. Va.
Mullen Replaceable Vault Light Co., Hartje bldg., Pittsburgh, Pa.
New York Prism Co., 141 Spring, New York
Phoenix Sidewalk Light Co. (Simpton Bros.), Monadnock bldg, San Francisco, Cal.
Queen City Iron & Wire Works Co., Denver, Colo.
Republic Structural Iron Works Co., (Doors), 1350 E 53d, Cleveland, O.
Richards & Kelly Mfg. Co., 209 W 23d, Chicago, Ill.
Roanoke Iron & Bridge Work, Roanoke, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Schrieber L. & Sons Co., 2369 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.
Smith & Lovett Co., 135 Tyler, Boston, Mass.
Snead Arch'l Iron Works, Louisville, Ky.
Southern Foundry Co., Owensboro, Ky.
Stolz Jos. & Son, Inc., 841 E 136th, New York

VAULT & SIDEWALK LIGHTS, ETC.—c't.
Taylor E. R. Co. ("Bar-Lock" System), 786 E. Broadway, Boston, Mass.
Toledo Wire & Iron Works, Toledo, O.
Union Building & Cons. Co., Passaic, N. J.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
West Side Structural Co., Troy, N. Y.
Withers Foundry & Machine Works, Atlanta, Ga.

16467a— Vaults (Bank)

See also Banks (Vault)

Bethlehem Steel Co. (Armor Plate), So. Bethlehem, Pa.

16468—Vehicles (Children's)

Amberg Louis & Son ("Koaster Kid"), 101 E. 16th, New York
American Metal Wheel Co. (Express Wagons), Toledo, O.
American National Co., Toledo, O.
Ames Van Aken Mfg. Co., Inc. ("Rocky Roller," "Roller Express" Wagons), Syracuse, N. Y.
Arden Bennett Corp. (Velocipedes & Automobiles, etc), 450 E 148th, New York
B. & B. Mfg. Co. ("Skoots"), Racine, Wis.
Baker W. J. Co. ('Bi-Cars" & Speedmobiles), Newport, Ky.
Burgess & Norton Mfg. Co. ("Burnor," "Bucking Broncho"), Geneva, Ill.
Burnham Mfg. Co., Charles City, Ia.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Columbia Mfg Co. (Auto Cars), 116 E 3rd, Cincinnati, O.
Dan Patch Co., Connersville, Ind.
Garton Toy Co. (Steel & Wood), Sheboygan, Wis.
Gendron Wheel Co. ("Pioneer" & "Gendron" Doll), Toledo, O.
Gibbs Mfg. Co ("Daisy"), Canton, O.
Janesville Products Co., Janesville, Wis.
Kangaroo Mfg. Co. ("Kangaroo" Hand Cars), 10 S La Salle, Chicago, Ill.
Keystone Lantern Co., Dept. H, Sacony & Cottman, Phila., Pa.
Kirk-Latty Mfg. Co. ("20th Century," "Hercules" Express Wagons, All Steel, etc.), 1971 W 85th, Cleveland, O.
Kunst John ("Rollomobile"), 70 Murray, New York
La Porte Mat & Mfg. Co. ("Hercules" Coaster Wagons), La Porte, Ind.
Lewis-Geer Mfg. Co. (Coaster Wagons), Ypsilanti, Mich.
Manumotors Co. ("Eu-Re-Kar" & "Re Rach"), Manitowac, Wis.
Martin & Heagy Mfg. Co. ("Hickory"), Elizabethtown, Pa.
Mecky A. Co. ("Ledig Keystone," Velocipedes, Hand Cars, Automobiles, Barrows, etc), 1705 W Allegheny, Phila, Pa.
Patch Dan Novelty Co., Connersville, Ind.
Rundle Novelty Co. ("Grahoun"), 142 N 3d, Columbus, O.
Scoville E. U. Co. ("Yankee Flyer," Hand Cars), Manlius, N. Y.
Sherwood Bros. Mfg. Co. (Hand Carts), Canastota, N. Y.
South Bend Toy Mfg. Co. ("Peerless," "Bill" Coaster Wagons, etc), South Bend, Ind.
Standard Novelty Works, Duncannon, Pa.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Sturdevant-Murray Mfg. Co. (Cars, Trucks, Etc.), Mullett & Rivard, Detroit, Mich.
Thayer H. N. Co., Erie, Pa.
Toledo Metal Wheel Co. (Wagons, Carts, Velocipedes, Automobiles, etc), Toledo, O.
White H. C. Co. ("Kidie-Kar"), North Bennington, Vt.
Wilson Pliny D. Co. 433 California, San Francisco, Cal.
Wilson & Carmona, Winona, Minn.

16468a—*Vellum and Fabrics (for Printing)

Williams, Brown & Earle ("Linaura"), 918 Chestnut, Phila., Pa.

16469— Velocipedes

American National Co., Toledo, O.
Arden Bennett Corp., 450 E 148th, New York
Colson Co. ("Fairy"), Elyria, O.
Crandall Carriage Co., 593 3d av, New York
Gendron Wheel Co., Toledo, O.
Hill-Standard Mfg. Co., Anderson, Ind.
Kirk-Latty Mfg. Co., 1971 W 85th, Cleveland, O.
Mecky A. Co., 1707 W. Allegheny, Phila., Pa.
Thayer H. N. Co., Erie, Pa
Toledo Metal Wheel Co., Toledo, O.
Wilkinson Mfg. Co., Binghamton, N. Y.

16470— Velour ("Tiffany")

Tiffany Studios, 36 Madison av, New York

16471— Velvets

American Velvet Co. (Silk), Stonington, Conn.
Blumenthal Sidney & Co. (Silk, Cotton Back), Shelton, Conn.
Boyd J. S. Co. (Corduroy & Velveteen), Williamstown, Mass.
Chase L. C. & Co. ("Chase Velmo" for Upholstery), 89 Franklin, Boston, Mass. *See adv index at end of book*
Cheney Brothers (Silk), South Manchester, Conn.
Helvetia Silk Mill (Silk), Paterson, N. J.
Martin J. B. Co. (Silk), Norwich, Conn.
Rossie Velvet Co. (Silk), Mystic, Conn.
Simon R. & H. Co. (Silk), Town of Union, N. J.

16472—Veneer Built-Up Woods

Ahnapee Veneer & Seating Co., Algoma, Wis.
American Veneer Co., Hoboken, N. J.
Flora American Plywood Co., Ltd., 165 B'way, New York
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Haskelite Mfg. Corp., 120 Broadway, New York. Chicago: Chamber of Commerce bldg. Plants: Grand Rapids & Ludington, Mich.
Louisville Veneer Mills, Louisville, Ky.
New Albany Veneering Co., New Albany, Ind.
Portsmouth Veneer & Panel Co., Portsmouth, O.
St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.

16473— Veneer Mfrs.

Ahnapee Veneer & Seating Co., Algoma, Wis.
American Veneer Co., Hoboken, N. J.
Anderson-Tully Co., Memphis, Tenn.
Astoria Mahogany Co., Inc., 347 Madison av, New York
Astoria Veneer Mills & Dock Co., ft Blackwell, Long Island City, N. Y.
Augusta Veneer Co., Augusta, Ga.
Batesville Lumber & Veneer Co., Lawrenceburg, Ind.
Beach & Fuller Co., Evansville, Ind.
Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.
Beeson Fred C. (Importer), 1032 Fulton, Chicago, Ill.
Blair Veneer Co., North Troy, Vt.
Boyd C. C. & Co., Glenn bldg, Cincinnati, Ohio
Cadillac Veneer Co., Cadillac, Mich.
Carrom Co., Ludington, Mich.
Central Veneer Co. (Sliced), Indianapolis, Ind.
Chicago Veneer Co., Burnside, Ky.
Cincinnati Veneer Co., 1285 W 6th, Cincinnati, O.
Clement Veneer & Lbr. Co., Pamplico, S. C.
Colby-Hinkley Co., Benton Harbor, Mich.
Dann Bros. & Co. (Veneers & Panels), New Haven, Conn.
Davis Henry D. Lumber Co., Northwest Bank bldg., Portland, Ore.
Diamond Veneer Co., Edinburg, Ind.
Dwight Lumber Co., River Range, Detroit, Mich.
Eggers Fred Veneer Seating Co., Two Rivers, Wis.
Elkin Veneer & Mfg. Co., Elkin, N. C.
Elmore Veneer Co., Conneaut, O.
Estes E. B. & Sons (Rotary Cut), 364 5th av, New York
See adv index at end of book
Evansville Veneer Co., Evansville, Ind.
Farmers Mfg. Co. (Package & Crate), Norfolk, Va.
Foreman-Derrickson Veneer Co., Elizabeth City, N. C.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Georgia Veneer & Package Co., Brunswick, Ga.
Gorham Bros. Co., Mount Pleasant, Mich.
Goshen Veneer Co. (Panels & Tops), Goshen, Ind.
Gowing D. H. Veneer Co. (Furniture), Portsmouth, Va.
Grand Rapids Veneer Works (& Panels), Grand Rapids, Mich.
Hall Fessenden (Mahogany Lumber & Veneers), 218 S 2d, Phila., Pa.
Hanson-Ward Veneer Co., Bay City, Mich.
Hardwood Products Co., Neenah, Wis.
Harper G. H. Co., Orange, N. J.
Haskelite Mfg. Corp., 120 Broadway, New York. Chicago: Chamber of Commerce bldg. Plants: Grand Rapids & Ludington, Mich.
High Point Veneer & Panel Co., High Point, N. C.
Hoffman Bros. Co., Fort Wayne, Ind.
Hood & Wright, Big Rapids, Mich.
Hoosier Specialty Co., Ladoga, Ind.
Independence Veneer & Box Mfg. Co., Independence, La.
Indiana Veneer & Lumber Co. (Quartered Oak Sawed & Sliced), Indianapolis, Ind.
Indiana Veneer & Panel Co., New Albany, Ind.
Indianapolis Sawed Veneer Co., Indianapolis, Ind.
Jamestown Panel Co., Jamestown, N. Y.
Jarrell B. C. & Co. (Rotary Cut Gum), Humboldt, Tenn.
Jasper Veneer Mills, Jasper, Ind.
Johnson L. S. Co., 414 Albany, Boston, Mass.
Kentucky Veneer Works (Quartered, Sawed Oak Veneer), 13th & Magnolia, Louisville, Ky.
Knoxville Veneer Co., Knoxville, Tenn.
Louisville Veneer Mills, 948 Fulton, Louisville, Ky.
Memphis Veneer & Lumber Co., Memphis, Tenn.
Mengel C. C. & Bro. Co. (Circassian Walnut, Mahogany, etc), Louisville, Ky.
Merrill Veneer Co., Merrill, Wis.
Michigan Veneer Co., Alpena, Mich.
Morgan Co. (Jobbers), Oshkosh, Wis.
Morgan Veneer Co. (Rotary Cut Dried Gum), Pine Bluff, Ark.
Mummert W. C. & Co., Wawaka, Ind.
New Albany Veneering Co. (Build-Up or Veneered Tops, Panels, etc), New Albany, Ind.
Norfolk Veneer Co., (Package & Crate), Norfolk, Va.
Paducah Box & Basket Co., Paducah, Ky.
Palmer & Parker Co., Charlestown, Mass.
Pearl City Veneer Co., Jamestown, N. Y.
Perfection Mfg. Co., Penobscot bldg, Detroit, Mich.
Portsmouth Veneer & Panel Co., Portsmouth, O.
Putnam Veneer & Lumber Co., Roachdale, Ind.
Rayner J. Co., 142 Goerck, New York
Rice Veneer & Lumber Co., Grand Rapids, Mich.
Roberts Veneer Co., New Albany, Ind.
Roddis Lumber & Veneer Co., Marshfield, Wis.
St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Schoenlau-Steiner Trunk Top & Veneer Co. (Three & Five Ply for Trunk Boxes, Show Case Bottoms, Furniture, Fixtures, Show Cases, Phonograph Cabinets, etc), 129 E Fillmore, St. Louis, Mo.
Setter Bros. Co., Cattaraugus, N. Y.
Shiels Chas. F. & Co., Gest & McLean avs, Cincinnati, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strong Veneer Co., Gerry, N. Y.
Sturm Adolph Co. (Importer & Dealer), 542 Wash blvd, Chicago, Ill.
Thompson T. H., Milan, Ind.
Thomasville Veneer & Panel Co., Thomasville, N. C.
Truitt & Lingo, Dagsboro, Del.
Underwood Veneer Co., Wausau, Wis.
Wagoner Lbr., Co. (Gum), Pamplico, S. C.
Walker Veneer Works, Alpena, Mich.
Warren Veneer & Panel Co., Warren, Pa.
Webb David R. Co., Edinburg, Ind.
Whisler Chas. F., Hillsboro, O.
Willey C. L., 2558 S Robey, Chicago, Ill.
Williams Ichabod T. & Sons, 73 E 9th, Chicago, Ill.
Williamson-Kuny Mill & Lbr. Co. (White Oak), Mound City, Ill.
Williamson Veneer Co. (Furniture, Piano, etc), Baltimore & 8th, Baltimore, Md.
Wilts Veneer Co., Richmond, Va.
Wisconsin Veneer Co., Rhinelander, Wis.

16474—Ventilating Apparatus (Electric)

Advance Co. (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), 542 N 14th, Richmond, Ind.
Century Ventilating Co., 257 3d av., New York
Dean O. J. & Co., Distributors (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), Association bldg., Chicago., Ill.
Phila. Drying Machinery Co., 3351H Stokley, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16475-6—Ventilating Apparatus for Power Plants, Factories, Buildings, Greenhouses, Etc.

See also Blower Manufacturers; also Fans Various Kinds
Advance Co. (Revolving Shaft Tube), 542 N 14th, Richmond, Ind.
Amer. Blower Co., 6004H Russell, Detroit, Mich.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connecticut Blower Co., Inc., 133 Sheldon, Hartford, Conn.
Dean O. J. & Co. (Distributer Revolving Shaft Tube), Association bldg, Chicago, Ill.
Devlin Thos. Mfg. Co. (Self-Locking for Factories, Buildings, etc), 3d & Lehigh av, Phila., Pa.
Drouve G. Co. ("Straight Push", "Lovelle"), 40 Tulip, Bridgeport, Conn.
Evans John A. Co. ("Evans Challenge" for Greenhouses, Roller Bearing), Richmond, Ind.
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
General Sheet Metal Wks. ("Cibulas" Direct Push), 120 Silliman av, Bridgeport, Conn.
Hirshman W. F. Inc., 92H Main, Buffalo, N. Y.
Hitchings & Co., Dept. H, Elizabeth, N. J.
Hitchings & Co., 1170 B way, New York
Howard & Morse, 45 Fulton, New York
Lord & Burnham Co., 30 E 42d, New York
Neel-Armstrong Co. ("Ozone"), Akron, O.
Ormsby E. A. & Sons, Melrose Sta., Boston, Mass.
Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill
Philipp-Kell Co., Inc., Holliday & Centre, Baltimore, Md.

Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Pullman Ventilator & Mfg. Co. (Also for Offices, Garages, etc.), York, Pa.
Richmond Safety Gate Co., Richmond, Ind.
Smith Systems Heating Co. (School Ventilating & Heating), 821 Washington av, S. E., Minneapolis, Minn.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
Tabor Sash Fixture Co. (Transom Operators), 63 Polk, Newark, N. J.
Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.
Waterloo Mfg. Co., Waterloo, Ia.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wheeling Metal & Mfg. Co., Wheeling, W. Va.

Ventilating Apparatus (Mechanical)

Seal Fans, Exhaust or Ventilating; also Blower Manufacturers

16477—Ventilating Apparatus (Ship)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 25 Haverhill, Boston, Mass.
Howard & Morse ("Blackman" & "Duplex Cone"), 45 Fulton, New York

16477a—*Ventilating Systems

BAKER E. & CO., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
General Sheet Metal Wks. ("Storm Proof"), 120 Silliman av, Bridgeport, Conn.

16478— Ventilator Mfrs.

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Allen Engineering & Mfg. Co., Savannah, Ga.
Amer. Blower Co., 6004H Russel, Detroit, Mich.
American 3-Way Prism Co. (Pivoted Transom), La Porte, Ind.
Anderson Mfg. Co. ("Tip Top"), Des Moines, Ia.
Arex Co. ("Arex" Original Siphonage Ventilator), 1591 Conway bldg, Chicago, Ill.
Aspromet Co. (Protected Metal & Siphonage), 1st National Bank bldg., Pittsburgh, Pa.
Astle H. J. & Co. ("Boland" Revolving), 118 Orange, Providence, R. I.
Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.
Automatic Ventilator Co. ("Automatic"), 2 Rector, New York
Backman Sheet Metal Works, Des Moines, Iowa
Badger Steel Roofing & Corrugating Co. (Glass Top), La Crosse, Wis.
Bailey Reflector Co. (Window), 617 2d av, Pittsburgh, Pa.
BAKER E. & CO., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Basman A. M. & Co., 468 Fort W, Detroit, Mich.
Berger Bros. Co. ("Perfection" "Earle's" Revolving "Hercules"), 229 Arch, Phila., Pa.
Bicalky Fan Co. ("Bicalky"), Buffalo, N. Y.
Bostwick C. G., Hartford, Conn.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Burt Mfg. Co. The ("Burt") 40 Main, Akron, O.
Burton W. J. Co., Junction & Leavitt avs, Detroit, Mich.
Butler Mfg. Co., 906 6th av, S E, Minneapolis, Minn.
Cambridge Roofing Co. (Eureka), Cambridge, O.
Canton Art Metal Co., Canton, O.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Covert H. W. Co. (Kitchen), 137 E 46th, New York
Crook H. E. Co., Inc. (Copper & Galv Iron), 28 Light, Baltimore, Md.
Crown Ventilator Co. ("Crown"), Milwaukee, Wis.
Cushing D. & Co. Lowell, Mass.
Danzer Metal Works ("Danzer's" Rose Top), Hagerstown, Md.
Decatur Cornice & Roofing Co. ("Alabama" Corrugated Rim), New Decatur, Ala.
Dickinson Paul ("Dickinson" Cast Iron, for Round-Houses, Depots, Shops, etc), 3346 S Artesian av, Chicago, Ill.
DOWMAN-DOZIER MFG. CO., ("Dixie"), Atlanta, Ga.
Drouve G. Co. ("Drouve"), 40 Tulip, Bridgeport, Conn., & 180 N Dearborn, Chicago, Ill.
EDWARDS MFG. CO. (Building & Skylight), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Eller Mfg. Co. ("Konical"), Canton, O.
Ellis & Ford Mfg. Co. (Water Closet Ventilator), Detroit, Mich.
Fenn Ventilator Co. ("Fenn's" Rotary), 94 Blackstone, Boston, Mass.
Fisher Martin & Sons ("Fisher," Automatic), 433 Pearl, Buffalo, N. Y.
Follansbee Bros. Co. ("Keystone"), 3rd & Liberty, Pittsburgh.
Fouts C. C. Co. (Glass Top), 650 Woodlawn av, Middletown, O.
Friedley-Voshardt Co. (Inc.) ("Crescent"), 733 S Halsted, Chicago, Ill.
Galesburg Sheet Metal Works ("Gale" Barn & Granary), Galesburg, Ill.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Geddes Joseph ("Geddes" Ventilator & Chimney Cap), Rochester, N. Y.
General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
Gerdes T. N. (Electric), 105 Bank, New York. *See adv index at end of book*

GERDES
SYSTEM
VENTILATION
SYSTEMS
and
ELECTRIC WINDOW
VENTILATORS
Unprocessed Fresh Air
105 Bank Street, New York

Gerken J. D. & Co. ("Perfect" Positive Automatic), Toledo, Ohio
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Globe Ventilator Co. ("Globe," for Cars Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Goethel Alfred C., The (Not Inc.) (Ventilating Systems), 301-303 Fourth, Milwaukee, Wis.
Grissel J. P. Cornice Co., Cedar Rapids, Ia.
Hersh Bros. Co., Allentown, Pa.
Hewitt Thos. J. (Rotary Screw), 57 Ann, New York
Highton Wm. & Sons Co., Nashua, N. H.
Hirshman W. F. Inc., 92H Main, Buffalo, N. Y.
Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.
Holzer R. G. (Est. of), 317 Burgundy, New Orleans, La.
Illinois Art Metal Co. ("Sifon"), Springfield, Ill.
Ill. Electric Ventilating Co., (Kitchen), Crawford av Near Diversey blvd, Chicago, Ill.
Independent Register & Mfg. Co., 713 Frankfort, Cleveland, O.
Iona Ventilator Co. ("Iona"), 2319 N. Laura, Phila., Pa.
Janney & Co., Montgomery, Ala.
Jordon Paul R. & Co. ("Aeroplane" Rotary, "Aeroboost" Siphon, "Aeropull" Storm Band), 28 S Meridian, Indianapolis, Ind.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kernchen Company ("Kernchen Siphonage"), 332 S Michigan av, Chicago, Ill.
King Ventilating Co., Owatonna, Minn.
Klauer Mfg. Co., Dubuque, Ia.
Knowles Mushrom Ventilator Co. ("Notch Mushroom"), 9 Church, New York
Korell J. A. & Co., (Suction), 39 Isis, San Francisco, Cal.,
Kries Henry A. & Sons Co., 8 W. Lombard, Baltimore, Md.
Larson Bros. ("Larson" Suction), Johnsonburg, Pa.
LEE THOMAS & SON CO. ("Lee's Improved Revolving"), 129 W 2nd, Cincinnati, O.
Mack W. A. & Co., Lowell, Mass.
Mack Ventilator Co., Swetland bldg., Cleveland, O.
Martin Metal Mfg. Co., Wichita, Kans.
Meek Oven Mfg. Co., Newburyport, Mass.
Merchant & Evans Co. ("Star"), Washington av, & 21st, Phila., Pa.
Mertz John Mfg. Co., Sandusky, O.
Messenger & Parks Mfg. Co. ("Acorn"), Aurora, Ill.
Metallic Mfg. Co. (Metallic), Camden, N. J.
Meurer Geo. C. Co. ("Anchor"), 22 Clay, Brooklyn, N. Y.
Milwaukee Corrugating Co. ("Milwaukee", "Nu-Air," "Alpina" & "Milcor"), Milwaukee, Wis.
Mobile Steel Co. ("M. S. Co."), Mobile, Ala.
Mudge & Co. ("Mudge-Peerless" for Passenger Cars, Buildings, Factories, Boats, etc.), 80 E Jackson bldg, Chicago, Ill.
National Metalic Sash Co., 355 Union Park, Chicago, Ill.
National Skylight & Ventilator Co. ("National" Revolving), Rochester, N. Y.
New England Steel Roofing Co., Worcester, Mass.
New England Ventilating & Heating Co. ("Richardson" Revolving), 926 Manton av, Providence, R. I.
New Orleans Roofing & Metal Co. ("Nola") Cortez & Orleans, New Orleans, La.
Ohio Body & Blower Co. ("Swartwout" Gravity Closing, Rotary Ball Bearing), 9300 Detroit av, Cleveland, O.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Petry N. A. Co. Inc. (Cowl), 328-34 N Randolph, Phila., Pa.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Pittsburgh Gage & Supply Co. ("Gaco" Roof), 30th & Liberty av, Pittsburgh, Pa.
Porter Iron Roofing & Corrugating Co. (Building & Skylight), 522 Culvert, Cincinnati, O.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
Protective Ventilator & Screen Corp., 332 E. 23d, New York
Pullman Ventilator & Mfg. Co. ("Pullman") York, Pa.
Reeves Mfg. Co., Dover, O.
Riter Bros. & Co. ("Earle's"), 1022 Race, Phila., Pa.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
St. John & Barquist Co., Des Moines, Ia.
St. Paul Roofing, Cornice & Ornament Co. ("St. Paul"), St. Paul, Minn.
Sanitary Appliance Co. (Water Closet), Neenah, Wis.
Schoedinger F. O. (Galvanized Iron, "Columbus," "Schoedinger R. S. V." Ventilators), 142 N 3d, Columbus, O.
Schuessler Jno., Covington, Ky.
Scott Roofing & Mfg. Co. (Building & Skylight), 408 Culvert, Cincinnati, O.
Sheet Metal Mfg. Co., 949 Myrtle av, Brooklyn, N. Y.
Souther E. E. Iron Co. ("Columbia"), Kienlin & Hamburger, St. Louis, Mo.
Standard Ventilator Co. ("Standard" Portable Ventilator & Chimney Cap), Lewisburg, Pa.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Tuttle & Bailey Mfg. Co., 2 W 45th, New York
Uno Ventilator Co. ("Uno" Revolving made in Brass, Copper or Galvanized Iron Painted), Cliftondale, Mass.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Walton Mfg. Co., 2610 Walton av, Cleveland, O.
Washburne Edw. G. & Co. (Rotary Screw), 207 Fulton, New York
Waterloo Mfg. Co., Waterloo, Ia.
Watson James H. Co., Bradley, Ill.
Weimer C. A. ("Imperial"), Lorain, O.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Willis Mfg. Co. ("Willis"), Galesburg, Ill.
Wilson Andrew Co., 616 Essex, Laurence, Mass. *See adv index at end of book*
Wooden Ventilator Co. (Wooden Ventilator Faces), East Palestine, O.

16479-80—Ventilator & Skylight Combined

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Burt Mfg. Co. The, 40 Main, Akron, O.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
General Sheet Metal Wks. 120 Silliman av, Bridgeport, Conn.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Goethel Alfred C. Co., The (Not Inc.), 301-303 4th, Milwaukee, Wis.
Hirshman W. F. Inc. ("Effice") 92H Main, Buffalo, N. Y.
Martin Metal Mfg. Co., Wichita, Kan.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
Mertz John Mfg. Co., Sandusky, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
Superior Cornice & Skylight Co. ("Superior" Automatic & Skylight), 643 1st av, New York
Thompson J. D. Co., 2609 Penna av, N. W., Washington, D. C.
Waterloo Mfg. Co., Waterloo, Ia.
Weis Henry Cornice Co., Kansas City, Mo.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

16481— Ventilators (Barn)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Arex Co., 1591 Conway bldg, Chicago, Ill.
Badger Steel Roofing & Corrugating Co., 214 S 2d, La Crosse, Wis.
Baker, E. & Co., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*

VENTILATORS (BARN)—continued
Duluth Corrugating & Roofing Co. (Glass or Plain Top), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
General Sheet Metal Wks, 120 Silliman av, Bridgeport, Conn.
Grissel J. P. Cornice Co., Cedar Rapids, Iowa
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Milwaukee Corrugating Co., Milwaukee, Wis.
Pullman Ventilator & Mfg. Co., York, Pa.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.
Waterloo Mfg. Co., Waterloo, Ia.
Willis Mfg. Co. ("Willis"), Galesburg, Ill.

16482—Ventilators (Brick Wall)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
American Scale Co., Kansas City, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Highton Wm. & Sons Co., Nashua, N. H.
Pullman Ventilator & Mfg. Co., York, Pa.

16483— Ventilators (Car)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Arex Co. 1591 Conway bldg, Chicago, Ill.
Automatic Ventilator Co. ("Automatic"), 2 Rector, New York
Brill J. G. Co. ("Exhaust") 62nd & Woodland av, Phila., Pa.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Fischer Wm. G. Stove & Range Co., 326 McFarland, Cincinnati, O.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Gold Car Heating & Lighting Co. ("Gold's Cyclone" for Passenger & Refrigerator Cars), 17 Battery pl, New York
Hegeman Castle Corp. ("Garland") Fisher bldg, Chicago, Ill.
Holden & White ("Garland"), 343 S Dearborn, Chicago, Ill.
Perry Ventilator Corp., (For Passenger Cars & Bus Bodies), 200 Devonshire, Boston, Mass.
Pullman Ventilator & Mfg. Co. (Electric & Steam Railway & Refrigerator & Fruit Cars), York, Pa.
Railway Utility Co. ("Utility"), 721 Fulton, Chicago, Ill.
Ross Wortham Co. ("Garland"), McCormick bldg, Chicago, Ill.
Vacuum Car Ventilating Co. ("Cooks" System), 111 S. Jefferson, Chicago, Ill.
WINE RAILWAY APPLIANCE CO. THE, (Freight Car), Toledo, Ohio.

16484— Ventilators (Closet)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
American Blower Co., 1400 Russell, Detroit, Mich.
Pullman Ventilator & Mfg. Co., York, Pa.
See adv index at end of book
Shadall Mfg. Co., Wauwatosa, Wis.

16485—Ventilators (Cupola)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Arex Co., 1591 Conway bldg, Chicago, Ill.
Grissel J. P. Cornice Co., Cedar Rapids, Iowa.
Hersh Bros. Co., Allentown, Pa.
Libby C. A. Co., Oshkosh, Wis.
Messenger & Parks Mfg. Co. ("Aurora" for Theatres & Public Structures, etc), Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Pullman Ventilator & Mfg. Co., York, Pa.

16485a—*Ventilators (Electric Exhaust & Intake)

BAKER E. & CO., 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book*

16486— Ventilators (Mine)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Arex Co., 1591 Conway bldg, Chicago, Ill.
Hersh Bros. Co., Allentown, Pa.
Jeffrey Mfg. Co. (Apparatus For) 961 N. Fourth, Columbus, O.
See adv index at end of book
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
See adv index at end of book

16486a— Ventilators (Roof)

Arex Co., 1591 Conway bldg, Chicago, Ill.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Chattanooga Roofing & Foundry Co., Dept. H, Chattanooga, Tenn.
Hersh Bros. Co., Allentown, Pa.
Hirshman W. F. Inc., 92H Main, Buffalo, N. Y.
International Steel & Iron Co., Evansville, Ind.
Korell J. A. & Co. (Suction), 39 Isis, San Francisco, Cal.
Pullman Ventilator & Mfg. Co., York, Pa.
Royal Ventilator Co. ("Royal") 418H Locust, Phila., Pa.

16487—Ventilators (Sash Lift)

Pullman Ventilator & Mfg. Co., York, Pa.

16488— Ventilators (Ship)

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Arex Co., 1591 Conway bldg, Chicago, Ill.
Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.
Bishop's Wm. Sons, 18 James, New York
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Mobile Steel Co. ("M. S. Co."), Mobile, Ala.
Pullman Ventilator & Mfg. Co., York, Pa.
Sands Alfred B. & Son Co., 20 Vesey, New York
Thacher Propeller & Foundry Corp., Albany, N. Y.
Young Bros. Co., 666 Mack, Detroit, Mich.

16489—Ventilators (Sidewalk)

American 3-Way Prism Co., La Porte, Ind.
Columbia Iron & Wire Works Co., Canton, Ohio

16490—Ventilators (Stained Glass Window)

Bass-Hueter Paint Co., 816 Mission, San Francisco, Calif.
Deissler P. & Bro. ("Deissler" Pivoted), 249 S 6th, Phila., Pa.

16491—Ventilators (Stove Pipe)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Brodin Pattern & Supply Works, 2420 W 16th, Chicago, Ill.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

16492—Ventilators (Water Closet)

Acme Ventilator Corp. ("Acme"), 399 Atlantic av, Boston, Mass.
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Hersh Bros. Co., Allentown, Pa.
Pullman Ventilator & Mfg. Co., York, Pa.
Sanitary Appliance Co. ("Cyclone"), Neenah, Wis.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.

16493—Ventilators (Window)

Aeroshade Co. (Splint Fabric), Waukesha, Wis.
Alexander Window Ventilator Mfg. Co. Spartanburg, S. C.
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Arex Co. ("Arin"), 1591 Conway bldg, Chicago, Ill.
Autoforce Ventilating System ("Autoforce"), 55 Devonshire, Boston, Mass.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Bohem Mfg. Co. (Adjustable Pressed Steel, 15th & Federal, Phila., Pa.
Continental Co., Book bldg, Detroit, Mich.
Field's Chas. J. Sons, 633 Market, Phila., Pa.
Garner Ventilating Co. (Mechanical), 72 Trinity, New York
GERDES T. N. (Electric & Pullman), 105 Bank, New York
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GERDES
SYSTEM
VENTILATION
SYSTEMS
and
ELECTRIC WINDOW
VENTILATORS
Unprocessed Fresh Air
105 Bank Street, New York

Glass Window Ventilator Wks. ("Common Sense"), 333 S. Dearborn, Chicago, Ill.
Higgin Mfg. Co., Newport, Ky.
Ideal Ventilator Co. ("Ideal"), 99 Stewart, Providence, R. I.
Lawrence Bros. (Steel), Sterling, Ill.
Lawson F. H. Co.("Lawco"), Cincinnati, O.
Manhattan Perfected Ventilators Co., 11 Baxter, New York
Morse L. & Sons ("Morse" Adjustable), Athol, Mass.
Protective Ventilator & Screen Corp. (Revolving, etc), 332 E. 23d, New York
Pullman Ventilator & Mfg. Co. (For Either Top or Bottom), York, Pa.
Roebuck Weather Strip & Wire Screen Co., 3513 Av H, Brooklyn, N. Y.
Standard Natural Ventilator Co., Merchants & Mfrs. Bank bldg, Milwaukee, Wis.
Tuttle & Bailey Mfg. Co., 2 W 45th, New York
Universal Ventilating Co. ("Universal," "Shurnuf"), 14th & Oak, Kansas City, Mo.

16494— Vents (Core)

United Compound Co. ("Buffalo" Vent Wax), 228 Elk, Buffalo, N. Y.

16495— Vents (Trap)

Dubois F. N. & Co. ("McClellan"), 247 9th av, New York
Haydenville Co., Haydenville, Mass.
Renton G. W. ("Renton" Safety Anti-Syphon), 28 Johnson av, Brooklyn, N. Y.

16496— Veratrine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

16497— Verdigris

Bird J. A. & W. & Co. (Imp. Pure Powdered French), 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imp), 451 Washington, New York
Fergusson, Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

16498— Vermillion

Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg Cleveland, O.
Moser Chas. Co., Cincinnati, O.

16498a—Vessels (Decomposing)

Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Devine J. P. Co., Buffalo, N. Y.
Lehigh Foundry Co., Fullerton, Pa

16499— Vestibules (Car)

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Gould Coupler Co., 30 E 42d, New York
McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

16500— Vials (Glass)

Bobe P. Glass Wks. (Shell Tablet or Pill), 2711 Lemp av, St. Louis, Mo.
Doerr Glass Co. (Finished), Vineland, N. J.
Freas Francis L., Conshohocken, Pa.
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.
Ruth Glass Co., Conshohocken, Pa.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.

16501— Vials (Homeopathic)

Calta Glass Works, 460 E Ohio, Chicago, Ill.
Doer Glass Co. (Finished), Vineland, N. J.
Freas Francis L., Conshohocken, Pa.
Illinois Glass Co., Alton, Ill.
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.
Paca Glass Co., 225 N Frederick, Baltimore, Md.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.

16501a— Vials (Wooden)

BOGERT & HOPPER, INC., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

16502—Vibrators (Foundry)

Arcade Mfg. Co., Freeport, Ill.
Berkshire Mfg. Co. ("Berkshire"), Whitney Power blk, Cleveland, O.
Great Western Mfg. Co., Leavenworth, Kan.
Hausfeld, Harrison, O.
Malleable Iron Fittings Co., Branford, Conn.
Manitowoc Electric Implement Co., Manitowoc, Wis.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Pressed Steel Co. ("L. & A."), Muskegon, Mich.

Tessmer Mach & Tool Co., 1425 Rivard, Detroit, Mich.
Whitehead Bros. Co., 537 W 27th, New York
Woodison E. J. Co., 1621 St. Aubin, Detroit, Mich.

16503—Vibrators (Massage)

Adbro Mfg. Co. ("La Vida" Electric), Phipps Power bldg, Pittsburgh, Pa.
Allison W. D. Co. ("Bihlmair"), Indianapolis, Ind.
Arnold Electric Co. ("Arnold" Electric), Racine, Wis.
Baker Electric Co., Hartford, Conn.
Barker James ("Barker"), 6th & Cayuga, Phila., Pa.
Betz Frank S. Co., Hammond, Ind.
Chicago Motor & Vibrator Co., 163 N Wabash, Chicago, Ill.
Crown Surgical Instrument Co., 798 8th av, New York
Drake Elec. Wks., 19 S Wells, Chicago, Ill.
Eureka Vibrator Co. ("Vibro-Life" Hand Power), 131 W 42d, New York
Fisher Adam Mfg. Co. ("Magic" Vacuum), 3624 Enright, St. Louis, Mo.
Geier P. A. Co. ("Rex," Electric), Cleveland, O.
Globe Manufacturing Co. (Compressed Air, etc), Battle Creek, Mich.
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Hamilton-Beach Mfg. Co. ("Hamilton-Beach"), Racine, Wis.
Horn Electric Co., 110 S Desplaines, Chicago, Ill.
Hughes J. W. Co., 110 E 23d, New York
Kny-Scheerer Co. (Physicians), 404 W 27th, New York
Lindstrom Smith Co. ("White Cross" Electric), 3212 W Lake, Chicago, Ill.
McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO. "Premier," Battery Type), 17 Park pl, New York.
See adv index at end of book
Marshall Vibrator Co., 141 W 36th, New York
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
National Electrical Mfg. Co., 1161 B'way, New York
New Britain Tool & Mfg. Co. ("Red Devil"), New Britain, Conn.
Nu-System Elec. Vibrator Co., Lightner bldg, Detroit, Mich.
O'Connor Elec. Co., Inc., 817 E 144th, New York
Racine Universal Motor Co. ("Universal"), 53 W Jackson blvd, Chicago, Ill.
Russell Electric Co. ("Hold Heet" Electric), 140 W Austin av, Chicago, Ill.
Schunck & Ogg ("Fraley," "Ajex" Electric Hand), 235 Canal, New York
Shelton Electric Co. ("Gentry" Electric), 30 E 42d, New York
Southern Electric Co. ("American"), 1100 Pine, St. Louis, Mo.
Stolz Electrophone Co., 5 N Wabash av, Chicago, Ill.
Strand N. A. & Co., 631 W. Jackson blvd. Chicago, Ill.
Universal Novelty Wks. ("Vibrosimplex"), 164 5th av, New York
Vibrassage Co., 659 Wells, Chicago, Ill.
Victor Electric Co., 236 S Robey, Chicago, Ill.
Wahl Mfg. Co., Sterling, Ill.
Waite & Bartlett Mfg. Co. (Electric Pneumatic), 53 Jackson av, Long Island City, N. Y.
Wappler Electric Co., 187 Harris av, Long Island City, N. Y.
Wisconsin Elec. Co., Dumore bldg, Racine, Wis.

16503a— Vigorite

Atlas Powder Co., Wilmington, Del.
Giant Powder Co. Cons., San Francisco, Cal.

16503b— Vine Trainers (Wire)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Dufur & Co., 311 N Howard, Baltimore, Md.

16503c—Violet Rays Apparatus

Contra Pole Elec. Co. Inc, (High Frequency), 1231H Prospect pl., Brooklyn, N. Y.
McIntosh Battery & Optical Co. ("McIntosh" High Frequency), 217H N Desplaines, Chicago, Ill.
Master Electric Co., 111 S. Jefferson, Chicago, Ill.
Renulife Elec. Co., 614H Marquette bldg, Detroit, Mich.

16504— Viscosimeters

Bausch & Lomb Optical Co., Rochester, N. Y.
Braun-Knecht-Heimann Co. (Redwood), 576-584 Mission, San Francisco, Cal.
Elmer & Amend ("Engler's," "Doolittle's," "McMichael's" Improved, etc), 205 3d av, New York
Feldt Geo. D. & Co. ("Doolittle's" Torsion), 244 N 5th, Phila., Pa.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Tagliabue Chas. J. Mfg. Co., ("Saybolt" Samplers, "Tag" Flash Testers), 18 33d, Brooklyn, N. Y.

16505—Vise Drilling Attachments

Goodell-Pratt Co., Greenfield, Mass.
Prentiss Vise Co., 110 Lafayette, New York

16506— Vise Pipe Grip

Athol Machine Co. ("Standard" to be Attached or Inserted to Jaws of a Vise for Making Pipe Vise), Athol, Mass.

16507—Vise Stands (Portable)

Martin H. P. & Sons ("Martin"), Dept. H, Owensboro, Ky.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Western Tool & Mfg. Co ("Champion"), Springfield, O.
WILLIAMS J. H. & CO. ("Vulcan" drop forged) 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16508— Vises (Amateur)

Columbian Hardware Co., Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Plant, New Britain, Conn.
Yost Mfg. Co., Meadville, Pa.

16509—Vises (Anvil, Etc., Combination)

See also Anvil & Vise, Combined

Adams Co. ("The Diamond"), Dubuque, Iowa
Bonney Forge & Tool Works, Allentown, Pa.
Columbian Hardware Co., Cleveland, O.
Fulton Iron Works, 39 Franklin, Detroit, Mich.
Germanow-Simon Machine Works ("G.-S") 58 Mill, Rochester, N. Y.
Millers Falls Co., 28 Warren, New York
Newhall Chain, Forge & Iron Co. ("Trident"), 89 West, New York
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Yost Mfg. Co., Meadville, Pa.

16510— Vises (Automobile)

Bonney Forge & Tool Works, Allentown, Pa.
Columbian Hardware Co., Cleveland, O.
Rock Island Mfg. Co., Rock Island, Ill.
Yost Mfg. Co., Meadville, Pa.

16511— Vises (Ball)

Muehlmatt Adolph ("Rex" Universal), 17 Lion bldg, Cincinnati, O.

16512— Vises (Band Saw)

Atkins E. C. & Co., Indianapolis, Ind.
Edge Frank & Co., Grand Rapids, Mich.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co. (Band Saw Filing), Grand. Rapids, Mich.

16513— Vises (Bench)

See also Vises, Machinists; Vises, Woodworking

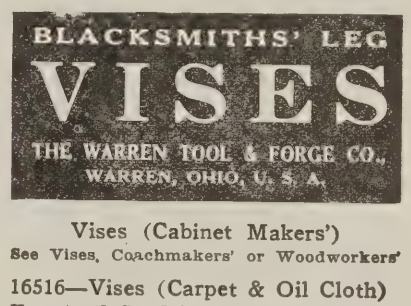
Abernathy Vise & Tool Co.Co. (Rapid Acting, Woodworkers' Vises), 227 Englewood av, Chicago, Ill.
Athol Mach & Foundry Co. ("Simpson" "Standard" "Starrett's Improved & Athol"), Athol, Mass.
Aurora Door Hanger & Specialty Co. (Quick Acting Machinists' & Woodworkers'), Aurora, Ill.
Barbour Stockwell Co. (Screw, the "Chandler" & "Washburn"), Cambridge, Mass.
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.
Bonney Forge & Tool Works ("Bonney" & "Champion" "Lehigh"), Allentown, Pa.
Columbian Hardware Co. (Machinists, "Columbian," etc), Cleveland, O.
Emmert Mfg. Co. ("Tiger"), Waynesboro, Pa.
Erie Tool Works, Erie, Pa.
Fisher & Norris ("Fisher"), Trenton, N. J.
Fulton Machine & Vise Co. ("Peerless," "Fulton" Swivel), Lowville, N. Y.
Globe Vise & Truck Co., Grand Rapids, Mich.
Goodell-Pratt Co., Greenfield, Mass.
Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.
Illinois Iron & Bolt Co. (Machinists, etc), Carpentersville, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Irving Mfg. & Tool Co., 157 Chambers, New York
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
MERRILL BROS. (Steel Bar, Parallel Jaws, Swivel Base), 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Millers Falls Co., 28 Warren, New York
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
North Bros. Mfg. Co. ("Yankee"), Lehigh & American, Phila., Pa.
Oliver Machy. Co., Grand Rapids, Mich.
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co. ("Prentiss," "Gipsy"), 110 Lafayette, New York
Reed Mfg. Co., Erie, Pa.
Richards-Wilcox Mfg. Co. ("Wilcox" Woodworking Rapid Acting), Aurora, Ill.
Rock Island Mfg. Co. ("Rock Island," Automatic Swivel, Lock Jaw), Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Plant, New Britain, Conn.
Stearns E. C. & Co. ("Stearns" Gypsy Pattern & Oval Slide), 450 Oneida, Syracuse, N. Y.
Superior Tool Co. ("Du Charme" Quick Adjusting), Cambridge, O.
Toles W. C. Co., 4034 N Tripp av, Chicago, Ill.
Walworth Mfg. Co. ("Walworth"), Boston, Mass.
Yost Mfg. Co. ("Yost" Solid & Adjustable Jaw, also Pattern Makers' Vises), Meadville, Pa.

16514— Vises (Bicycle)

Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Yost Mfg. Co., Meadville, Pa.

16515— Vises (Blacksmiths')

Boker Cutlery & Hardware Co. ("Indian Chief"), 101 Duane, New York
Columbian Hardware Co., Cleveland, O.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris ("Fisher"), Trenton, N. J.
New London Vise Works, New London, Conn.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel), Rock Island, Ill.
WARREN TOOL & FORGE CO., Warren, O. *See adv index at end of book*



Vises (Cabinet Makers')

See Vises, Coachmakers' or Woodworkers'

16516—Vises (Carpet & Oil Cloth)

Kraeuter & Co., 583 18th av, Newark, N. J.
Osborne C. S. & Co. ("Kelly"), Box 183, Newark, N. J.
See adv index at end of book

16517—Vises (Chain Pipe)

Ellis & Ford Mfg. Co. ("Ellis"), Detroit, Mich.
Erie Tool Works, Erie, Pa.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16518— Vises (Chipping)

Columbian Hardware Co., Cleveland, O.
Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.
See adv index at end of book
Prentiss Vise Co. (Heavy Chipping), 110 Lafayette, New York
Yost Mfg. Co. (Heavy Chipping), Meadville, Pa.

16519— Vises (Clamp)

Athol Mach & Foundry Co. ("Standard" "Superior" & "Starrett"), Athol, Mass.
Bonney Forge & Tool Works, Allentown, Pa.
Columbian Hardware Co., Cleveland, O.
Millers Falls Co. (Oval Slide), 28 Warren, New York
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Plant, New Britain, Conn.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Yost Mfg Co., Meadville, Pa.

16520—Vises (Coach Makers' or Wood-Workers')

Athol Mach & Foundry Co. ("Simpson"), Athol, Mass.
Barrett Machine Tool Co., Meadville, Pa.
Champion Hdwe. Co., Geneva, O.
Columbian Hardware Co., Cleveland, O.
Fisher & Norris ("Fisher" Quick Acting Wood Worker), Trenton, N. J.

VISES (COACH MAKERS' OR WOODWORKERS')—continued
General Machine Works, York, Pa.
Globe Vise & Truck Co., Grand Rapids, Mich.
Hollands Mfg. Co. ("Hollands" & "Penn"), 352 E 18th, Erie, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Mann Corp. (Wood Workers, "Manco"), 72 W Adams, Chicago, Ill.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
New London Vise Works ("Hyde's"), New London, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
O'Neil J. H., Jr. (Carpenters), Pawtucket, R. I.
Parker Chas. Co., Meriden, Conn.
Prentiss Vise Co. ("Monarch," "Bingham," "Shephard"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Toles W. C. Co. (Rapid Acting), 4034 N Tripp av, Chicago, Ill.
Wyman-Gordon Co. (Quick Action Wood Worker), Worcester, Mass.
Yost Mfg. Co ("Yost" Pattern Makers), Meadville, Pa.

Vises (Combination, Anvil, Etc.)

See Anvil, Vise & Drill Combined

Vises (Combination, Drill, Etc.)

See Vises, Anvil, etc, Combination

16521— Vises (Cutters')

New London Vise Works, New London, Conn.

16521a— Vises (Drill Press)

Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
Athol Mach & Foundry Co., ("Quick Acting"), Athol, Mass.
Germanow-Simon Machine Works ("G. S."), 58 Mill, Rochester, N. Y.
Ketchum Tool Equipment Co. ("Ketchum"), Bridgeport, Conn.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
Plunket Jas. E., 1345 W Lake, Chicago, Ill.
See adv index at end of book

16522—Vises (Drilling Machine)

Ainslie Machine & Tool Works ("Handy"), 35 Jefferson av, Hartford, Conn.
Armstrong Bros. Tool Co. ("Armstrong" Quick Action) 339 N Francisco av, Chicago, Ill.
Blissfield Motor Works ("Davenport" Tilting for Drill Presses), Blissfield, Mich.
BROWN ENGINEERING CO., 110 N 3rd, Reading Pa.
Carter & Hakes Machine Co. (Screw), Winsted, Conn.
Cincinnati-Bickford Tool Co. ("Cincinnati"), Cincinnati, O.
Frederick Machine Works, Norwalk, O.
Graham Mfg. Co., 96 Point, Providence, R I
Greenberg's M. & Son, 225 Beale, San Francisco, Cal.
Hoggson & Pettis Mfg. Co. (Drill Press), New Haven, Conn.
Hoosier Drilling Machine Co. ("Hoosier"), Goshen, Ind.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Mather W. H. H., 105th & Quebec av, Cleveland, O.
Millers Falls Co. ("Alford"), 28 Warren, New York
Mohn W. D. & Co. ("Mohn"), Reading, Pa.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
North Wales Machine Co., North Wales, Pa.
Plunket Jas. E ("Plunket" Drill Press"), 1345 W Lake, Chicago, Ill.
See adv index at end of book
Rock Island Mfg. Co., Rock Island, Ill.
St. Louis Sales Co. ("Quick Action"), Chemical bldg, St. Louis, Mo.
Sellew Machine Tool Co. ("Universal"), Pawtucket, R. I.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
Sunderland Machinery & Supply Co., Omaha, Neb.
Union Tool Co. ("Hill for Drill Press"), Orange, Mass.
Wilcox Mfg. Co., 4824 W Lake, Chicago, Ill.
Yost Mfg Co., Meadville, Pa.

16523— Vises (Farmers')

Bonney Forge & Tool Works, Allentown, Pa.
Columbian Hardware Co. ("Columbian"), Cleveland, O.
Erie Tool Works, Erie, Pa.
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Yost Mfg Co., Meadville, Pa.

Vises (Filers)

See Vises, Saw

16524—Vises (Foot, Blacksmiths')

Columbian Hardware Co., Cleveland, O.
Illinois Iron & Bolt Co. ("Rice"), Carpentersville, Ill.
New London Vise Works, ("Hyde's" Horse Shoers'), New London, Conn.
Noyes B. B. Co. ("Little Giant," Vise & Bolt Header Combined), Greenfield, Mass.

16525— Vises (Hand)

See also Vises, Pin

Athol Mach. & Foundry Co. ("Boss" "Standard"), Athol, Mass.
Bonney Forge & Tool Works (Swivel Bench & Hand Vise Combined), Allentown, Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Bullock Mfg. Associates, Springfield, Mass.
Columbian Hardware Co., Cleveland, O.
Dikeman Mfg. Co. (Hard Wood Handle), Norwalk, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Grey Iron Casting Co., Mt. Joy, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kilborn & Bishop Co. ("K. & B."), 194 Chapel, New Haven, Conn.
LOWELL WRENCH CO. ("Lowell"), 54 Commercial, Worcester, Mass.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Hand & Bench), Branford, Conn.
Millers Falls Co. ("Alford"), 28 Warren, New York
Phoenix Hardware Co., Buffalo, N. Y.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Robinson M. W. Co. ("Rollis"), 296 B'way, New York
Rock Island Mfg. Co., Rock Island, Ill.
Smith Otis A. (Hand, with Parallel Jaw), Rockfall, Conn.

16526—Vises (Horseshoers')

Butts & Ordway Co. ("Sure Grip"), 33 Purchase, Boston, Mass.
Columbian Hardware Co., Cleveland, O.
Iron City Tool Works, Ltd. (Solid Box), 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Plant, New Britain, Conn.

16527— Vises (Jewelers')

Athol Mach. & Foundry Co. ("Standard" "Simpson" "Starrett" "Athol"), Athol, Mass.
Bullock Mfg. Associates (Combination Pipe & Nut), Springfield, Mass.
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
LOWELL WRENCH CO. ("Lowell" Pin), 54 Commercial, Worcester, Mass.
See adv index at end of book
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Co., New Britain, Conn.
Worthington & Raymond (Imp.), ("Optimus," "W. & R."), 71 Murray, New York
Yost Mfg Co., Meadville, Pa.

16528— Vises (Linemen's)

Dicke Tool Co., Downers Grove, Ill.

16528a— *Vises (Machine Tool)

Plunket Jas. E., 1345 W Lake, Chicago, Ill.
See adv index at end of book

16529— Vises (Machinists')

Athol Mach. & Foundry Co. ("Starrett's Improved" "Standard" "Simpson" Parallel Jaw, Swivel Jaw & Swivel Base), Athol, Mass.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Barrett Machine Tool Co. (Adjustable Jaw, Swivel Bottom & Parallel), Meadville, Pa.
Boker Cutlery & Hardware Co. ("Star," "F. & R."), 101 Duane, New York
Bonney Forge & Tool Works (Parallel "Ajax" "Hercules"), Allentown, Pa.
Columbian Hardware Co. (Parallel Jaw), Cleveland, O.
Emmert Mfg. Co. ("Emmert" Universal Parallel Jaw), Waynesboro, Pa.
Erie Tool Works, Erie, Pa.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris ("Fisher" Quick Acting), Trenton, N. J.
Fulton Machine & Vise Co., Lowville, N. Y.
Hartford Special Machinery Co. (5-in. Quick Acting), Hartford, Conn.
Hollands Mfg. Co. ("Hollands" & "Penn" Parallel & Swivelling Jaw), 352 E 18th, Erie, Pa.
Holmes Mfg. Co., Shelton, Conn.
Illinois Iron & Bolt Co. (Swivel Self-Adjusting & Parallel), Carpentersville, Ill.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
MERRILL BROS. (Parallel Jaw), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Millers Falls Co., 28 Warren, New York
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Parker Chas. Co. ("Victor" Parallel & Swivelling Jaw), Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Plunket James E., 1345 W Lake, Chicago, Ill. *See adv index at end of book*



Prentiss Vise Co. ("Monarch," "Bingham," Parallel & Swiveling Jaw), 110 Lafayette, New York
Reed Mfg. Co. (Parallel & Swivelling Jaw), Erie, Pa.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel), Rock Island, Ill.
Sanford F. C. Mfg. Co. ("Sanford" Quick Action & High Duty), Bridgeport, Conn.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Plant, New Britain, Conn.
Union Tool Co. ("Hill" Parallel Jaw), Orange, Mass.
Western Tool & Mfg. Co., Springfield, O.
Yost Mfg. Co. ("Yost," "Gem," & Stephen's"), Meadville, Pa.
Zernickow O. (Divided), 15 Park Row, New York

16530—Vises (Manual Training)

Columbian Hardware Co., Cleveland, O.
Emmert Mfg. Co. ("Eureka"), Waynesboro, Pa.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Yost Mfg Co. ("Yost"), Meadville, Pa.

16530a— *Vises (Milling)

Plunket Jas. E., 1345 W Lake, Chicago, Ill.
See adv index at end of book

16531—Vises (Milling Machine)

Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
American Pneumatic Chuck Co. ("American"), 9 S Clinton, Chicago, Ill.
Becker Milling Machine Co., Hyde Park, Boston, Mass.
Bilton Machine Tool Co. (The), ("Bilton"), Bridgeport, Conn.
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.
Brown Engineering Co. ("Utility") 110 N 3rd, Reading, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co. (Quick Operating Lever & Screw), Winsted, Conn.
Cincinnati Milling Machine Co., Cincinnati, O.
Clark-Mesker Co., 18511 Euclid av, Cleveland, Ohio
Edlund Mfg. Co., Cortlandt, N. Y.
Fox Machine Co., Jackson, Mich.
Frederick Machine Wks., 460 Foster av, Norwalk, Conn.
Garvin Machine Co., 147 Varick, New York
Germanow-Simon Machine Works ("G. S."), 58 Mill, Rochester, N. Y.
Hendey Machine Co., ("Hendey"), Torrington, Conn.
Kempsmith Mfg. Co., West Allis, Wis.
Ketchum Tool Equipment Co ("Ketchum"), Bridgeport, Conn.
Le Blond R. K. Mach. Tool Co., Cincinnati, O.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Moback Tool & Machine Mfg. Co. ("Moback" Plain & Swivel), 330 Atlantic av, Boston, Mass.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
North Wales Machine Co., North Wales, Pa.
Oesterlein Machine Co., Cincinnati, O.
Plunkett Jas. E. ("Plunkett"), 1345 W Lake, Chicago, Ill.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Union Tool Co. ("Hill"), Orange, Mass.
Whitney Mfg. Co., Hartford, Conn.

16531a— *Vises (Mount)

WILLIAMS J. H. & CO. ("Vulcan" drop-forged) 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16532— Vises (Oval Slide)

Adams Co. ("Adams"), Dubuque, Ia.
Athol Mach. & Foundry Co., Athol, Mass.
Erie Tool Works, Erie, Pa.
Parker Chas. Co., Meriden, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Yost Mfg Co., Meadville, Pa.

Williams' "Vulcan" Drop-Forged Chain Pipe Vise



The only Pipe Vise made entirely of Wrought Steel

Compact, light, rapid in action and easily attached to bench or post. The strongest and most efficient pipe vise on the market. 3 sizes, for 1/8 to 8 inch pipe

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16533— Vises (Parallel)

See also Vises, Bench

Barrett Machine Tool Co., Meadville, Pa.
Bonney Forge & Tool Works, Allentown, Pa.
Columbia Hardware Co., Cleveland, O.
Erie Tool Works, Erie, Pa.
Fisher & Norris ("Fisher" Double Screw), Trenton, N. J.
Hollands Mfg. Co. ("Hollands" & "Penn"), 352 E 18th, Erie, Pa.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
MERRILL BROS. (Steel Bar), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*
Parker Chas. Co., Meriden, Conn.
Prentiss Vise Co. ("Bull-Dog"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Yost Mfg Co., Meadville, Pa.
Zernickow O. (Divided), 15 Park Row, New York

Vises (Pattern Makers')

See Vises, Coach Makers' or Wood Workers; also Vises, Bench

16534—Vises (Picture Frame)

Rockford Mitre Box Co. ("Star"), Rockford, Ill.

16535— Vises (Pin)

See also Vises, Hand

Braunsdorf-Mueller Co., Elizabeth, N. J.
Fray John S. Co., Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
LOWELL WRENCH CO. ("Lowell" Jewelers, etc.), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Robinson M. W. Co. ("Robinson"), 296 B'way, New York
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

16536— Vises (Pipe)

Athol Mach. & Foundry Co., Athol, Mass.
Armstrong Mfg. Co. ("Armstrong" Hinged Pipe Vises), 278 Knowlton, Bridgeport, Conn.
Barrett Machine Tool Co. ("The Barrett" Combination), Meadville, Pa.
Butler Co., Butler, Ind.
Butterfield & Co., Derby Line, Vt.
Channon Jas. H. Mfg. Co., 227 W. Erie, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Machine Works, Columbus, Ind.
Crane Co. (Malleable Iron), Bridgeport, Conn.
Crown Die & Tool Co. ("Crown"), 553 W Monroe, Chicago, Ill.
Dikeman Mfg. Co. ("Handy," Small for Electricians, Pipe Fitters, etc), Norwalk, Conn.
Emmert Mfg. Co. ("Tiger"), Waynesboro, Pa.
Erie Tool Works (Chain, etc), Erie, Pa.
Fulton Machine & Vise Co. ("F. & R.," "Star" Solid Jaw & Combination Pipe), Lowville, N. Y.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass. *See adv index at end of book*
Handy Mfg. Co. ("Handy"), Bridgeport, Conn.
Hilts Wrench & Mfg. Co. ("Vulcan" Chain), Richford, N. Y.
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Hollands Mfg. Co. (Malleable Hinged, "Hollands" Roller, Jaw & Open Side), 352 E 18th, Erie, Pa.
Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.
Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.
Mark Mfg. Co. ("Roller"), Evanston, Ill.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Nason Mfg. Co., 71 Fulton, New York
Nye Tool & Machine Works ("Nye"), 108 N Jefferson, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oswego Tool Co. ("Walworth," "Armstrong," "Smith," "Parker," Combination "Jarecki"), Oswego, N. Y.
Parker Chas. Co. (Combination), Meriden, Conn.
Parmelee Tool Co. ("Stillson"), 2515 W. Monroe, Chicago, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co. ("Prentiss," Open Side & "20th Century," "Shepard," "Rex," "Blake"), 110 Lafayette, New York
Reed Mfg. Co., Erie, Pa.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel & Hinged), Rock Island, Ill.
Saunders D. Sons Co., Yonkers, N. Y.
Spencer Regulator Co. ("Spencer," "Searls"), Salem, Mass.
Superior Tool Co. ("Du Charme," Quick Adjusting Open Top), Cambridge, O.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Vanderman Mfg. Co. (Combination Bench), Willimantic, Conn.
Walworth Mfg. Co. ("Klingfast"), Boston, Mass.
Warnock Mfg. Co. ("Warnock" Smooth), 54 Commercial, Worcester, Mass.
Whittington-Vaughn Co. ("Whittington"), Easton, Pa.
WILLIAMS J. H. & Co. ("Vulcan" drop forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Young Joseph H. Co. (Brass Combination), 82 High, Boston, Mass.

16537—Vises (Pipe, Combination)

Athol Mach. & Foundry Co., Athol, Mass.
Bonney Forge & Tool Works, Allentown, Pa.
Columbian Hardware Co., Cleveland, O.
Erie Tool Works, Erie, Pa.
Fisher & Norris ("Fisher" Quick Acting), Trenton, N. J.
Fulton Machine & Vise Co., Lowville, N. Y.
Hollands Mfg. Co. ("Hollands" Standard & Extra Heavy), 352 E 18th, Erie, Pa.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
Prentiss Vise Co. ("Prentiss"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Smith H. B. Co., ("Smith"), Westfield, Mass.
Stowell Co. The ("Hanson" 5 Tools in One), South Milwaukee, Wis.
Yost Mfg Co., Meadville, Pa.
Young Joseph H. Co. ("Crawford"), 82 High, Boston, Mass.

16537a— *Vises (Pipe Mount)

WILLIAMS J. H. & Co. ("Vulcan" drop-forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

16538—Vises (Planer & Shaper)

Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.
Carter & Hakes Machine Co. (Screw), Winsted, Conn.
Frederick Machine Works, Norwalk, O.
Fulton Machine Co., Canal Fulton, O.
Hendey Machine Co. ("Hendey") Torrington, Conn.
Massey Vise Co., 35 S Desplaines, Chicago, Ill.
Plunket Jas. E., 1345 W Lake, Chicago, Ill. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Sellew Machine Tool Co., Pawtucket, R. I.
Union Tool Co. ("Hill"), Orange, Mass.

16539—Vises (Rule Bending)

Griswold George M. Machine Co. (Folding Box Makers), New Haven, Conn.
Rock Island Mfg. Co., Rock Island, Ill.

16540— Vises (Saw)

See also Clamps; also Vises, Band Saw

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin Tuthill & Bolton (For Band Saws), Grand Rapids, Mich.
Buckeye Mfg. & Foundry Co. (Folding), 2046 W 55th, Cleveland, O.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O. *See adv index at end of book*
Clipper Tool Co. ("Neverbreak" All-Steel), 284 Mills, Buffalo, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Filer & Stowell Co. ("Cunningham," for Band & Gang Saws), Milwaukee, Wis.
Huther Bros. Saw Mfg. Co. (Adjustable Circular), Rochester, N. Y. *See adv index at end of book*
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
New Britain Machine Co. ("New Britain" (Band & Circular Saw Vises), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co. (Adjustable Circular, etc), Grand Rapids, Mich.
Parker Chas. Co. (Adjustable Saw Filers), Meriden, Conn.
Phoenix Hardware Co. ("Phoenix"), Buffalo, N. Y.
Sargent & Co. ("Wentworth" Improved Pattern "Sargent"), New Haven, Conn.
Stearns E. C. & Co. ("Stearns," "Wentworth"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. & Engine Co., Freeport, Ill.
Weber Mfg. Co. (Folding Saw Filing Vises), West Allis, Wis.

16541—Vises (Shoe & Harness)

Stover Mfg. & Engine Co. ("Ideal"), Freeport, Ill.

16542— Vises (Solid Box)

Columbian Hardware Company, Cleveland, Ohio
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fisher & Norris ("Fisher"), Trenton, N. J.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
MERRILL BROS. (Steel Bar, Parallel Jaws, Swivel Base), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
New London Vise Works, New London, Conn.
Rock Island Mfg. Co., Rock Island, Ill.

16543—Vises (Tool Makers')

Athol Mach. & Foundry Co. ("Standard" "Starrett" "Simpson" "Athol"), Athol, Mass.
Bonney Forge & Tool Works, Allentown, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Champion Hardware Co., Geneva, O.
Columbian Hardware Co., Cleveland, O.
Deschanel Engineering Corp. (Vertical), 90 West, New York
Emmert Mfg. Co. ("University"), Waynesboro, Pa.
MERRILL BROS. (Steel Bar), 3 Arnold Maspeth (Boro. of Queens), New York *See adv index at end of book*
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Parker Chas. Co., Meriden, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Plant, New Britain, Conn.
Yost Mfg Co., Meadville, Pa.

16543a— *Visors (Automobile Storm & Glare

METAL SPECIALTIES MFG. CO. ("Presto"), 333 N Kedzie av, Chicago, Ill.

16543b— Vitrines

Biele Chas. T. & Sons Co., 381 W. 12th, New York

Vitriol (Blue)

See Chemicals, Battery; also Copper Sulphate

Vitriol (Green)

See Copperas

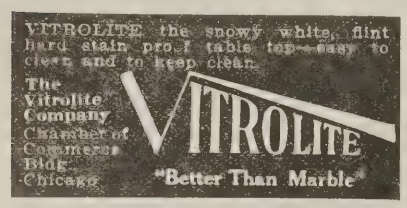
Vitriol (White)

See Sulphate of Zinc

16544— Vitrolite

(Is a Structural Material, a Substitute for Marble)

Vitrolite Co., Chamber of Commerce bldg, Chicago, Ill. *See adv index at end of book*



16544a— Voltmeters (Battery)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

16545— Voltmeters (Milli)

BRISTOL CO. ("Bristol's" Recording also Series Types), Waterbury, Conn.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

16546—Voltmeters & Frequency Indicator Combined

See also Ammeters & Voltmeters

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16547— Vulcabeston

Johns-Pratt Co., The (For Electric Insulation & Steam Packing, etc), Hartford, Conn.

16548—Vulcanizers (Electric)

Electric Vulcanizer Co., 618 3rd av S, Minneapolis, Minn.
Gwynn-Bacon Vulcanizer Co., 2502 Cass, St. Louis, Mo.
Hughes D. C. & Co., 4642 Ravenswood av, Chicago, Ill.
Hulbert Electric-Steam Mfg. Co. ("Hulbert" Electro Steam Dental) 76H Tehama, San Francisco, Cal.
Meiser G. H. & Co., 327 E Marquette rd, Chicago, Ill.
Premier Elec. Co., 1123 S Wabash av, Chicago, Ill.
Shaler C. A. Co., Waupun, Wis.

16549—Vulcanizers (Hose)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

16550—Vulcanizers (Rubber)

Adamson Machine Co., Akron, O.
See adv index at end of book
BIGGS BOILER WORKS CO., (Biggs Patented Boltless Vulcanizers), Case av & Williams, Akron, O.
See adv index at end of book
Birmingham Iron Foundry (Tire), Derby, Conn.
Crossley Machine Co., State & Chestnut av, Trenton, N. J.
Dorman J. F. W. Co. ("Peerless"), 526 N Calvert, Baltimore, Md.
Farrel Fdry. & Machine Co., Ansonia, Conn.
Hawgood Tire Equipment Co., Indianapolis, Ind.
Koven L. O. & Bro. (And All Other Kinds), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie Elliott & Co., Paterson, N. J.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Smith R. H. Mfg. Co. ("Bay State" for Steam, "Handy" for Dry Heat), Springfield, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Southwark Foundry & Machine Co. (Factory), 1128 S 4th, Phila., Pa.
Super-Vulcanizer Mfg. Co., Salt Lake City, Utah
Thropp Wm. R. & Sons Co., Trenton, N. J.
Thropp's, John E. Sons Co., Ft. of Lewis, Trenton, N. J.
WILLIAMS FOUNDRY & MACHINE CO., Akron, O. *See adv index at end of book*

16551-2—Vulcanizers (Tire & Tube)

Adamson Machine Co., Akron, O.
See adv index at end of book
Adamson Mfg. Co., East Palestine, O.
Anderson Rubber Works ("Miller's" Steam for Repairing Auto Inner Tubes), Anderson, Ind.
Auto Tire Exchange, Burlington, N. C.
Auto Tire Vulcanizing Co., Lowell, Mass.
Beach-Russ Co. (Rubber), 50G Church, New York. *See adv index at end of book*
BIGGS BOILER WORKS CO., (Biggs Patented Boltless Vulcanizers), Case av & Williams, Akron, O.
See adv index at end of book
Birmingham Iron Foundry, Derby, Conn.
Burge Machine Works, 230 N Jefferson, Chicago, Ill.
Faultless Engine Co. (Gas), 1511 Cypress av, Kansas City, Mo.
Fisher Adam Mfg. Co. ("Three-in-One"), 3624 Enright, St. Louis, Mo.
Goodrich B. F. Co., Akron, O.
Hulbert Electro-Steam Mfg. Co. ("Hulburt" Electro-Steam) 76H Tehama, San Francisco, Cal.
Keystone Rubber Mfg. Co. (Fluid for Inner Tube), Erie, Pa.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
Midland Supply Co. ("Positive," Portable, Steam), Davenport, Ia.
National Motor Supply Co. 5606 Euclid, Cleveland, O.
Shaler C. A. Co. ("Shaler" Electric, Alcohol Steam), Waupun, Wis.
SOUTHWARK FOUNDRY & MACHINE CO., 1128 S 4th, Phila., Pa.
Thropp Wm. R. & Sons Co., Trenton, N. J.
Thropp's, John E. Sons Co., Ft. of Lewis, Trenton, N. J.
Vanderpool Wm., Springfield, O.
Western Vulcanizer Mfg. Co., 150 N Desplaines, Chicago, Ill.
Williams Foundry & Machine Co., Akron, Ohio *See adv index at end of book*

The Akron-Williams line of vulcanizers for rubber factories stands unequalled for thorough and efficient work. Write for complete catalog of tire and rubber factory equipment.

THE WILLIAMS FOUNDRY & MACHINE CO.,
Akron, Ohio, U. S. A.

Worcester Mfg. Co. ("Worcester" Automatic), Worcester, Mass.

16553—Wagon Dump Boxes

Acme Road Machinery Co., Frankfort, N. Y.
American Cement Machine Co. ("Mandt"), Keokuk, Ia.
Bacon & Matheson Forge Co., 17H W Lander, Seattle, Wash.
Columbia Wagon Co., Columbia, Pa.
Eagle Wagon Works, Auburn, N. Y.
Everett Mfg. Co. ("Everett," Portable), Newark, N. Y.
Galion Iron & Mfg. Wks. Co., Galion, O.
Knapheide Henry Wagon Co., Quincy, Ill.
Lee Trailer & Body Co. ("Lee"), 2343 S La Salle, Chicago, Ill.
Maytag Co. ("Parsons"), Newton, Ia.
Ohio Road Machinery Co. ("Ohio"), Oberlin, O.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 E Race, Troy, O.
Turnbull Motor Truck & Wagon Co. ("Turnbull"), Defiance, O.

16553a—*Wagon Loaders

See also Loaders, Wagon

AUSTIN MACHINERY CORP., Railway Exchange bldg, Chicago, Ill.
See adv. index at end of book

16554— Wagon Sunshades

Troy Carriage Sun Shade Co. (For Wagons, Trucks, etc), Troy, O.

16555—Wagons (Asphalt, Dump)

Blake J. M. & Son, Buffalo, N. Y.
Columbia Wagon Co., Columbia, Pa.
Eagle Wagon Works, Auburn, N. Y.
Milburn Wagon Co., Toledo, O.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Steel Lined, etc), Tiffin, Ohio
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
Watson Wagon Co., Canastota. N. Y.

Wagons (Baggage & Express)

See Barrows, Baggage & Express

16556— Wagons (Bakers')

American Wagon Co., 8th & Sycamore,, Cincinnati, O.
Armleder O. Co., 12th & Plum, Cincinnati, Ohio
Koening & Luhrs Wagon Co., Quincy, Ill.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Martin Carriage Works, York, Pa.
Parsons Wagon Co., Earlville, N. Y.
Winkler Grimm Corp., South Bend, Ind.
Woeber Car & Mfg. Co., Denver, Colo.

16557— Wagons (Brewery)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Woeber Car & Mfg. Co., Denver, Colo.

16558-9—Wagons (Builders')

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.
Watson Wagon Co., Canastota, N. Y.

Wagons (Childrens')

See Vehicles, Children's

16560—Wagons (Coal Charging)

Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
See adv index at end of book

16561—Wagons (Coal & Coke)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co. (Spring), Akron, O.
Auburn Wagon Co., Martinsburg, W. Va.
Blake J. M. & Son, Buffalo, N. Y.
Jackson Mfg. Co., 4th & Boyd, Harrisburg, Pa. *See adv index at end of book*
Karges Wagon Co., Evansville, Ind.
Kilbourne & Jacobs Mfg. Co. (Coal), Columbus, O. *See adv index at end of book*
Kramer J. & Sons Mfg. Co. (Chute Coal), 675 Water, New York
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Leonhardt Wagon Mfg. Co. (Coal Chute), 417 E Saratoga, Baltimore, Md.
Milburn Wagon Co., Toledo, O.
Mogul Wagon Co., Hopkinsville, Ky.
Owensboro Wagon Co., Owensboro, Ky.
Springfield Wagon Co., Springfield, Mo.
Streich A. & Bro. Co. (Spring & Dead Axle), Oshkosh, Wis.
Stroud & Co. (Coal Only), Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Winkler Grimm Corp., South Bend, Ind.
Wright Thos. Co. (Elevating Rear & Side Delivery), 71 Colden, Jersey City, N. J.

16562— Wagons (Coaster)

American National Co., Toledo, O.
Auto-Wheel Coaster Company, Inc., formerly Buffalo Sled Co. ("Auto-Wheel" & Coaster & Roadster), N Tonawanda, N. Y.
Henley Skate Co., Richmond, Ind.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Janesville Products Co., Janesville, Wis.
John's Stamping & Machine Works Co., ("Three-in-One"), 1715 Leonard, Cleveland, O.
Martin & Heagy Mfg. Co. ("Hickory"), Elizabethtown, Pa.
Rockaway Mfg. Co. ("Rockaway"), 421-441 Culvert, Cincinnati, O.
Sheboygan Coaster & Wagon Works ("Unique," "Sheboygan," "Carry All" & Roller Steel Gear), Sheboygan, Wis.
South Bend Toy Mfg. Co. (Standard," "South Bend" Ball Bearing), South Bend, Ind.
Toledo Metal Wheel Co., Toledo, O.
Wabash Mfg. Co. ("Wabash Express" & Sleds), Terre Haute, Ind.
Wagner Mfg. Co., Cedar Falls, Ia.

Wagons (Contractors')

See Wagons, Dumping

16563— Wagons (Dairy)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Columbia Wagon Co., Columbia, Pa.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Moline Plow Co. ("Freeport"),' Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n, South Bend, Ind.
Vaughn Mfg. Co., Jefferson, Wis.

16564— Wagons (Delivery)

Acme Wagon Co., Emigsville, Pa.
Akron-Selle Co., Akron, O.
American Carriage Co. (Light), 1275 Budd, Cincinnati, O.
Ames F. A. Co., Owensboro, Ky.
Auburn Wagon Co., Martinsburg, W. Va.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Champion Wagon Co., Owego, N. Y.
Columbia Wagon Co., Columbia, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere John Plow Co., 2204 N B'way, St. Louis, Mo.
Emerson-Brantingham Co., Rockford, Ill.

Florence Wagon Co., Florence, Ala.
Fuller Buggy Co., Jackson, Mich.
Hannibal Wagon Co., Hannibal, Mo.
Hess Carriage Co. Hagerstown, Md.
Hoover Wagon Co., York, Pa.
Houghton Mfg. Co., Marion, Ohio.
Kentucky Wagon Mfg. Co. ("Tennessee," "Old Hickory"), Louisville, Ky.
Koenig & Luhrs Wagon Co., Quincy, Ill.
Kratzer Carriage Co., Des Moines, Ia.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Lion Buggy Co., C H & D R R nr Gest, Cincinnati, O.
Lull Carriage Co., Kalamazoo, Mich.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Moline Plow Co. ("Freeport"), Moline, Ill.
Noyes Carriage Co., Elkhart, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Parsons Wagon Co., Earlville, N. Y.
Paterson W. A. Co., Flint, Mich.
Prouty & Glass Carriage Co., Wayne, Mich.
Rex Buggy Co., Connersville, Ind.
Schurmeier Wagon Co., 9th & Broadway, St. Paul, Minn.
Springfield Wagon Co., Springfield, Mo.
Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co., Fond du Lac, Wis.
Vaughn Mfg. Co., Jefferson, Wis.
Winkler Grimm Corp., South Bend, Ind.
Winona Carriage Co., Winona, Minn.
Woeber Car & Mfg. Co., Denver, Colo.

16565— Wagons (Dumping)

See also Carts, Dumping

Acme Road Machinery Co., Frankport, N. Y.
Acme Wagon Co., Emigsville, Pa.
Auburn Wagon Co., Martinsburg, W. Va.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Bain Wagon Co. ("Bain"), Kenosha, Wis.
Beckert Wm. & Son, 1003 E Ohio, North Side, Pittsburgh, Pa.
Blake J. M. & Son, Buffalo, N. Y.
Columbia Wagon Co. ("Susquehanna" Dump Bottom), Columbia, Pa.
Connellsville Iron Works (Steel Body), Connellsville, Pa.
Eagle Wagon Works, Auburn, N. Y.
Galion Iron Works & Mfg. Co., Galion, O.
Good Roads Machinery Co. ("National"), Kennett Square, Pa.
Hamilton Smithing & Mfg. Co., Hamilton, O.
Henderson Wagon Works, Henderson, Ky.
Hill E. W. (Steel), 24 Pollock av, Jersey City, N. J.
Kentucky Wagon Mfg. Co. ("Old Hickory," "Tennessee"), Louisville, Ky.
Kramer Wagon Co. ("Oil City"), Oil City, Pa.
MacKinnon F. Mfg. Co. ("Steel King" Bottom Dump), Grand Rapids, Wis.
Milburn Wagon Co. ("Greater Pittsburgh"), Toledo, O.
Pekin Wagon Co., Pekin, Ill.
Pioneer Tractor Mfg. Co. (Traction), Winona, Minn.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell Grader Mfg. Co., 2005 Univ. av, S. E., Minneapolis, Minn.
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Smith & Sons Mfg. Co. ("Royal"), Kansas City, Mo.
Streich A. & Bro. Co., Oshkosh, Wis.
STROUD & CO., Omaha, Neb.
Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co. ("Sweet's" Lumber Dumping), Fond du Lac, Wis.
Tiffin Wagon Co. (Steel Bucket & Bottom Dump), Tiffin, O.
Troy Wagon Works Co. ("Troy" Bottom Dump), 100 E Race, Troy, O.
Watson Wagon Co., Canastota N. Y.
Western Wheeled Scraper Co. ("Aurora"), Aurora, Ill.

16566— Wagons (Farm)

ALABAMA.

FLORENCE—Florence Wagon Co. ("Florence")

ARKANSAS.

FORT SMITH—Fort Smith Wagon Co. ("Fort Smith")

CALIFORNIA.

SAN FRANCISCO—Studebaker Bros. Co. of Cal., 413 Mission

GEORGIA.

AUGUSTA—Lowrey Wagon Works
EAST POINT—White Hickory Wagon Mfg. Co.
MACON—Williams Mfg. Co. (White Hickory)

ILLINOIS.

ABINGDON—Abingdon Wagon Co. ("Abingdon," "Clinton," "Sterling")
ALBION—Painter & Franklin ("Painter & Frank")
CHICAGO — International Harvester Company of America (Inc.) ("Weber," "Columbus," "Sterling"), Harvester bldg
Press Jacob Sons, 300 N Halsted
Schuttler Peter Co. ("Schuttler"), 2509 W 22d
MOLINE—Deere John Wagon Works
Moline Plow Co. ("Mandt")
OTTAW—King & Hamilton Co.
PEKIN—Pekin Wagon Co. ("Pekin," "New Ebbert," "New Smith")
QUINCY — ELECTRIC WHEEL CO. ("Electric"), Station D.
See adv index at end of book
ROCKFORD—Emerson-Brantingham Co. ("Newton," "Overland")
SPRINGFIELD—Fetzer & Co.
Racine-Sattley Co.
STERLING—Bassett E. C.

INDIANA.

ANDERSON—Rhoads Samuel
CORYDON—Keller Mfg. Co. ("Corydon")
EVANSVILLE — Karges Wagon Co. ("Karges")
HUNTINGBURG — Huntingburg Wagon Works ("Huntingburg")
JEFFERSONVILLE — Holzbog G. H. & Bro.
LAFAYETTE—Indiana Wagon Co. ("Indiana," "O'Brien")
SOUTH BEND—Birdsell Mfg. Co. ("Birdsell")
Studebaker Corp. ("Studebaker")

IOWA.

DAVENPORT—Davenport Wagon Co.
DUBUQUE—Cooper A. A. Wagon & Buggy Co. ("Columbus," "Cooper")
FAIRFIELD—Turney Joel & Co. ("Charter Oak")
KENOSHA—Bain Wagon Co. ("Bain")
PELLA—Buerkens Mfg. Co. ("Buerkens")

KENTUCKY.

HENDERSON—Henderson Wagon Works
HICKMAN—Hickman Wagon Co.
HOPKINSVILLE—Mogul Wagon Co.
LOUISVILLE—Brinly Hardy Co.
Kentucky Wagon Mfg. Co. ("Old Hickory," "Tennessee," "Kentucky")
OWENSBORO—Owensboro Wagon Co.

MARYLAND.

HAGERSTOWN—Hess Carriage Co.

MICHIGAN.

GRAND RAPIDS—Belknap Wagon Co.
HOLLY—Patterson Mfg. Co. ("Holly," "P B")
MOUNT CLEMENS—Donaldson Bros.

MINNESOTA.

LAKE CITY—Neal, Johns & Co. ("Lake City")
MINNEAPOLIS—Keller Mfg. Co. ("Keller"), 1325 N E Quincy
Lenhart Wagon Co. ("Lenhart"), 2600 University av S E
ST. PAUL—Anderson Co., 2324 University av
WINONA—Winona Wagon Co. ("Rushford," "Winona," "Minnesota")

MISSISSIPPI.

DURANT—Love Wagon Co.
LAUREL—Lindsey Wagon Co. ("Lindsey")

MISSOURI.

EDINA—Miller Wagon Co. ("Miller")
FARMINGTON—Lang & Bro. Mfg. & Merc. Co. ("Lang")
HANNIBAL—Hannibal Wagon Co.
KANSAS CITY — Beggs Wagon Co. ("Beggs")
ST. LOUIS—Gestring Wagon Co., 1718 N B'way
Linstroth Wagon Co. ("Linstroth," "Pride of St. Louis"), 2616 Chouteau av
Luedingnaus-Espenschied Wagon Co. ("Luedinghaus"), 1717 N B'way
Weber & Damme Wagon Co., 1619 N B'way
SPRINGFIELD—Springfield Wagon Co.

NEBRASKA.

OMAHA—Stroud & Co. ("Stroud")

NEW YORK.

HOLLAND—Tanner D. F.
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co.
MORAVIA—Cady Geo. S. & Son ("Walker")
OLEAN—New Conklin Wagon Co.
OWEGO—Champion Wagon Co. ("Owego")

NORTH CAROLINA.

HICKORY—Piedmont Wagon & Mfg. Co.
WILSON—Hackney Wagon Co. ("Hickory")
WINSTON-SALEM—Nissen Geo. E. & Co.

OHIO.

CINCINNATI—Bode Wagon Co. ("Bode")
1655 Central av
DEFIANCE—Turnbull Wagon Co. ("Turnbull")
MARIETTA—Ohio Valley Wagon Co. ("Marietta")
TIFFIN—Tiffin Wagon Co. ("Tiffin")
TOLEDO—Milburn Wagon Co. ("Milburn")
TROY—Troy Wagon Works Co. ("Troy"), 100 East Race
ZANESVILLE — Brown Mfg. Co. ("Brown")

PENNSYLVANIA.

BROOKVILLE — Brookville Mfg. Co. ("Brookville")
COLUMBIA—Columbia Wagon Co. ("Columbian," "Eli")
ELIZABETHVILLE—Swab Wagon Co.
EMIGSVILLE—Acme Wagon Co. ("Little Gem," "Acme")
OIL CITY—Kramer Wagon Co. ("Kramer," "Oil City")
PHILADELPHIA — Rech-Marbaker Co., Dept. H, 8th & Girard av

TENNESSEE.

CHATTANOOGA—Chattanooga Wagon Co. ("Chattanooga")
MEMPHIS—James & Graham Wagon Co. ("James & Graham")

TEXAS.

BRENHAM—Schuerenberg F. W. ("Schuerenberg")

VIRGINIA.

LYNCHBURG — Thornhill Wagon Co. ("Thornhill")
MARION—Look & Lincoln ("Look & Lincoln")
SOUTH BOSTON—Virginia Wagon Co.

WEST VIRGINIA.

MARTINSBURG—Auburn Wagon Co. ("Auburn," "New South")

WISCONSIN.

FOND DU LAC—Sweet B. F. & H. L. Co.
FORT ATKINSON—Northwestern Mfg. Co. ("Northwestern")
GRAND RAPIDS—MacKinnon F. Mfg. Co.
JEFFERSON—Vaughn Mfg. Co. ("Jefferson")
KENOSHA—Bain Wagon Co. ("Bain")
LA CROSSE—Smith Mfg. Co. ("La Crosse," "Smith," "Pioneer")
OSHKOSH—Streich A. & Bro. Co. ("Streich")
RANDOLPH—Randolph Wagon Works
STOUGHTON — Mandt Wagon Co. ("Mandt," "Crescent")
Stoughton Wagon Co. ("New Stoughton")

16567—*Wagons (Farm, Electric)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16568—Wagons (Freight, Teaming, Etc.)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Auburn Wagon Co., Martinsburg, W. Va.
Bain Wagon Co. (Heavy), Kenosha, Wis.
International Harvester Company of America (Inc.) (Weber), Harvester bldg, Chicago, Ill.
Knapheide Henry Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Milburn Wagon Co., Toledo, O.
Owensboro Wagon Co., Owensboro, Ky.
Pekin Wagon Co., Pekin, Ill.
Racine-Sattley Co., Springfield, Ill.
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Streich A. & Bro. Co., Oshkosh, Wis.
Stroud & Co., Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
White Hickory Wagon Mfg. Co., East Point, Ga.
Winona Wagon Co., Winona, Minn.
Woeber Car & Mfg. Co., Denver, Colo.

16569— Wagons (Fruit)

Acme Wagon Co., Emigsville, Pa.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Milburn Wagon Co., Toledo, O.

16570— Wagons (Garbage)

Blake J. M. & Son, Buffalo, N. Y.
Columbia Wagon Co., Columbia, Pa.
Eagle Wagon Works ("Glen"), Auburn, N. Y.
Holzbog G. H. & Bro. (Odorless, all Steel), Jeffersonville, Ind.
Lee Trailer & Body ("Lee" Municipal Type), 2343 S La Salle, Chicago, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Shadbolt Mfg. Co. (Dumping), 68 Flushing av, Brooklyn, N. Y.

WAGONS (GARBAGE)—continued
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Steel Bucket Dumping Cart), Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
Watson Wagon Co., Canastota, N. Y.

16571— Wagons (Goat)

Sheboygan Coaster & Wagon Works (Buckboard), Sheboygan, Wis.
White Hickory Wagon Mfg. Co., East Point, Ga.

16572— Wagons (Grading)

Eagle Wagon Works ("Glen"), Auburn, N. Y.
Watson Wagon Co., Canastota, N. Y.

16573— Wagons (Hardware)

Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.

16573a—*Wagons (Heavy Freighting)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16574— Wagons (Hose)

See also Fire Engines, Motor

KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Pirsch Peter & Co. (Combination), Kenosha, Wis.
Seagrave Co., Columbus, O.
Stewart A. F., Rochester, N. Y.

16575— Wagons (Ice)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Hess Carriage Co., Hagerstown, Md.
Koening & Luhrs Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Owensboro Wagon Co., Owensboro, Ky.
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Winkler Grimm Corp., South Bend, Ind.

16576—Wagons (Larry Coke)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Niles Mine & Mill Supply Co., Cleveland, O.
Phillips Mine & Mill Supply Co., 1217 Jane, Pittsburgh, Pa.

16577— Wagons (Laundry)

Akron-Selle Co., Akron, O.
Armleder O. Co., 12th & Plum, Cincinnati, Ohio
Koening & Luhrs Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Milburn Wagon Co., Toledo, O.
Woeber Car & Mfg. Co., Denver, Colo.

16578— Wagons (Logging)

Chattanooga Wagon Co., Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Florence Wagon Co., Florence, Ala.
Fort Smith Wagon Co., Ft. Smith, Ark.
Hemming Wagon Co., Meridian, Miss.
International Harvester Company of America (Inc.), ("Weber"), Harvester bldg, Chicago, Ill.
Knapheide Henry Wagon Co., Quincy, Ill.
Laurel, Miss.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Lindsey Wagon Co. (Eight Wheels, etc.), Laurel, Miss.
Luedinghous-Espenschied Wagon Co., 1717 N B'way, St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Mississippi Valley Mfg. Co., Quincy, Ill.
Nissen Geo. E. & Co., Wiston-Salem, N. C.
Owensboro Wagon Co., Owensboro, Ky.
Phoenix Mfg. Co., Eau Claire, Wis.
Schuttler Peter Co. 2509 W 22d, Chicago, Ill.
Schwartz Jos. Co., Ltd., 548 Baronne, New Orleans, La.
Springfield Wagon Co. ("Springfield"), Springfield, Mo.
Stroud & Co. ("Stroud"), Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 E Race, Troy, O.
White Hickory Wagon Mfg. Co., East Point, Ga.

16579— Wagons (Lumber)

Blake J. M. & Son, Buffalo, N. Y.
Florence Wagon Co., Florence, Ala.
Fort Smith Wagon Co., Fort Smith, Ark.
Hemming Wagon Co., Meridian, Miss.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Lindsey Wagon Co., Laurel, Miss.
Michigan Truck & Lumber Co., Holly, Mich.
Milburn Wagon Co., Toledo, O.
Pekin Wagon Co., Pekin, Ill.
Streich A. & Bro. Co. (Also Roll-Off Lumber Wagons), Oshkosh, Wis.
Stroud & Co. ("Stroud"), Omaha, Neb.
Sweet B. F. & H. L. Co. ("Sweet's" Patent Dumping), Fond du Lac, Wis.
White Hickory Wagon Mfg. Co., East Point, Ga.

16580— Wagons (Lunch)

Alliance Mfg. Co., Streator, Ill.
Hennigan J. G. E., Worcester, Mass.
Tierney P. J. Sons, New Rochelle, N. Y.
O'Mahony Jerry, Inc., 70 Boulevard, Bayonne, N. J.
Winkler-Grimm Corp., South Bend, Ind.

16581— Wagons (Meter, Motor Driven)

General Vehicle Co. ("G-V" Electric), Long Island City, N. Y.

16582— Wagons (Milk)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Burg L. Carriage Co., Dallas City, Ill.
Cooper A. A. Wagon & Buggy Co. (Low Down), Dubuque, Ia.
Hess Carriage Co., Hagerstown, Md.
Hoover Wagon Co., York, Pa.
Martin Carriage Works (Also Low Down), York, Pa.
Milburn Wagon Co., Toledo, O.
Moline Plow Co., Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Parsons Wagon Co. (Low Down), Earlville, N. Y.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n (Also Low Down), South Bend, Ind.
Vaughn Mfg. Co., Jefferson, Wis.
Winkler Grimm Corp., South Bend, Ind.

16583— Wagons (Mountain)

Bain Wagon Co., Kenosha, Wis.
Cooper A. A. Wagon & Buggy Co., Dubuque, Iowa
Deere John Plow Co., 2204 N B'way, St. Louis, Mo.
Deere John Wagon Works (Also One Horse), Moline, Ill.
Emerson-Brantingham Co. ("Newton"), Rockford, Ill.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Moline Plow Co., ("Mandt"), Moline, Ill.
Staver Carriage Co., 76th & Wallace, Chicago, Ill.
Studebaker Corp., South Bend, Ind.
Velie Carriage Co., Moline, Ill.
Winona Carriage Co., Winona, Minn.

16584—Wagons (Oil & Pipe)

Abresch Chas. Co., 398 4th av, Milwaukee, Wis.
International Harvester Company of America (Inc.), ("Weber"), Harvester bldg, Chicago, Ill.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book

16585—Wagons (Ore, Coal & Mining)

Akron Cultivator Co. (Steel), Akron, O.
Connelsville Machine & Car Supply Co. (Pit), Connelsville, Pa.
Honhorst Joseph Co. (Coal), 1016 W 6th, Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Schuttler Peter Co. 2509 W 22d, Chicago, Ill.
Studebaker Corp., South Bend, Ind.
Turi Iron & Car Co., inc., The, 50 Broad, New York. Works: Newburgh, N. Y.

16586— Wagons (Police & Fire Patrol)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Fulton & Walker Co., 20th & Filbert, Phila., Pa.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Stewart A. F., Rochester, N. Y.

16587— Wagons (Pump, Motor Driven)

General Vehicle Co. ("G. V." Electric), Long Island City, N. Y.

Wagons (Road Oiling)

See Road Oilers or Distributers

16588—Wagons (Rural Mail)

Burg L. Carriage Co., Dallas City, Ill.
Butler Co., Butler, Ind.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere Jno. Plow Co., 2204 N B'way, St. Louis, Mo.
Lewis & Neville Mfg. Co., Goshen, Ind.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.

Wagons (Scavenger)

See Wagons, Garbage

16589— Wagons (School)

Lewis & Neville Mfg. Co., Goshen, Ind.
Parry Mfg. Co., Indianapolis, Ind.

16590—Wagons (Self-Dumping)

Blake J. M. & Son, Buffalo, N. Y.
KRAMER WAGON CO., Oil City, Pa.
See adv index at end of book
Watson Wagon Co., Canastota, N. Y.

16591—Wagons (Spreading & Haulage, Reversible)

Blake J. M. & Son, Buffalo, N. Y.
Buffalo-Pitts Co., Buffalo, N. Y.
Troy Wagon Works Co. (For Road Building), 100 E Race, Troy, Ohio
Universal Road Machinery Co., Kingston, N. Y.

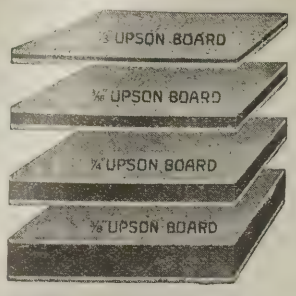
16592— Wagons (Spring)

Acme Wagon Co., Emigsville, Pa.
Ames-Dean Carriage Co., Jackson, Mich.



KRAMER WAGON CO.
Oil City, Pa.

KRAMER
OIL FIELD GEARS
LUMBER WAGONS
LUMBER TRUCKS
BOILER TRUCKS
MACHINERY TRUCKS
DUMP WAGONS
TRACTOR TRAILERS
LUMBER BUGGIES
WHEELBARROWS



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THE UPSON COMPANY, *Fibre Board Authorities*, LOCKPORT, N.Y.

Auburn Wagon Co., Martinsburg, W. Va.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Brown Carriage Co., 1630 Gest, Cincinnati, Ohio
Burg L. Carriage Co., Dallas City, Ill.
Burlington Buggy Co., Burlington, Ia.
Columbia Wagon Co., Columbia, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Defiance Carriage Co., Defiance, O.
Delker Bros. Buggy Co., Henderson, Ky.
Eckhart Carriage Co., Auburn, Ind.
Emerson-Brantingham Co. ("E. B."), Rockford, Ill.
Enger Frank J. Marion & Dalton av, Avon, Cincinnati, O.
Eureka Co., Rock Falls, Ill.
Fuller Buggy Co., Jackson, Mich.
Gay S. C. Co., Ottawa, Ill.
Kratzer Carriage Co., Des Moines, Ia.
Lull Carriage Co., Kalamazoo, Mich.
Luth Carriage Co., 1275 Budd, Cincinnati, Ohio
McFarlan Motor Co., Connersville, Ind.
Manley John D. Carriage Co., 1319 N 9th, St. Louis, Mo.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Miller Wagon Co., Edina, Mo.
Moline Plow Co. ("Henney"), Moline, Ill.
Moon Bros. Carriage Co., Gano & McKissock, St. Louis, Mo.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Noyes Carriage Co., Elkhart, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Paterson W. A. Co., Flint, Mich.
Phoenix Carriage Co., 901 Evans, Cincinnati, O.
Prouty & Glass Carriage Co., Wayne, Mich.
Reliance Buggy Co., St. Louis, Mo.
Rex Buggy Co., Connersville, Ind.
Sechler D. M. Implement & Carriage Co., Moline, Ill.
Staver Carriage Co., 76th & Wallace, Chicago, Ill.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n, South Bend, Ind.
Swab Wagon Co., Elizabethville, Pa.
Tanner D F Holland N Y
Trailmobile Co., Oakley, Cincinnati, Ohio.
Velie Carriage Co., Moline, Ill.
Wayne Works, Richmond, Ind.
Winona Carriage Co., Winona, Minn.

16593— Wagons (Stave)

Strait H. N. Mfg. Co., Kansas City, Mo.

16594— Wagons (Steel)

Blake J. M. & Son, Buffalo, N. Y.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
International Harvester Co. of America (Inc.), ("Weber"), Harvester bldg, Chicago, Ill.
Litchfield Mfg. Co., Waterloo, Ia.
MacKinnon F. Mfg. Co. ("Steel King" Bottom Dump), Grand Rapids, Wis.
Shunk Plow Co. (Farm Wagons), Bucyrus, Ohio

16595— Wagons (Stone)

Blake J. M. & Son, Buffalo, N. Y.

Wagons (Stone Spreading)

See Wagons, Spreading & Reversible

16596— Wagons (Sugar)

Blymyer Iron Works Co., Cincinnati, O.
ELECTRIC WHEEL CO. (Also Sugar Cane Carts), Station D, Quincy, Ill. *See adv index at end of book*

16597— Wagons (Tank)

Bollwerk H. & Bro. (Round & Square Tank), St. Louis, Mo.
Columbian Steel Tank Co. (Oil Delivery), New England bldg, Kansas City, Mo.
Littleford Bros., 444 E Pearl, Cincinnati, O.

16598— Wagons (Tea)

Bailie Basket Co., 82 Sudbury, Boston, Mass.
Haberkorn C. H. & Co., 393 W Elizabeth, Detroit, Mich.
Hand Made Furniture Shop, 426 Armour, Chicago, Ill.
Martin Carriage Works, York, Pa.
Mutual Mfg. Co., Dayton, O.
Orinoco Furniture Co., Columbus, Ind.
Rattan Mfg. Co., Reed, New Haven, Conn.
Schloss E. & Co., Grand & E River, New York
Western Fibre Reed Co., Chicago, Ill.

16599— Wagons (Tower)

Chase Motor Truck Co. ("Chase," Gasoline), Syracuse, N. Y.
General Vehicle Co. ("G-V" Electric), Long Island City, N. Y.
Leonhardt Wagon Mfg. Co. (Revolving), 417 E Saratoga, Baltimore, Md.
McCardell & Co., Trenton, N. J.
Milburn Wagon Co., Toledo, O.

16600— Wagons (Trolley)

Briggs Carriage Co., Amesbury, Mass.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
McCardell J. R. & Co. ("Trenton"), Trenton, N. J.
Milburn Wagon Co., Toledo, O.

Wagons (Trolley Line Repair, Etc.)

See Wagons, Tower

16601-2—Wagons (Turpentine)

White Hickory Wagon Mfg. Co., East Point, Ga.

16603—Wagons (Wire Nail)

Howe Scale Co., Rutland, Vt.

16603a— Wainscoting

Am. Mosaic & Tile Co., Dept. H, Louisville, Ky.
Art Metal Construction Co. (Steel), Jamestown, N. Y.
VITROLITE CO., Chamber of Commerce bldg Chicago, Ill. *See adv index at end of book*

16604— Walkers (Baby)

Baker J. R. & Sons Co., Kendallville, Ind.
Glascock Bros. Mfg. Co, Muncie, Ind.
Perfection Mfg. Co., 2701 N Leffingwell av, St. Louis, Mo.
Steinfeld Bros., 116 W 22d, New York
Tothill W. S., 1815 Webster av, Chicago, Ill.
Uhlen Carriage Co., Rochester, N. Y.

16605— Wall Boards

See also Plaster Boards, Slabs, etc.

American Insulation Co., Roberts av & Stokley, Phila., Pa. *See adv index at end of book*
Beaver Co., 956 Beaver rd, Buffalo, N. Y.
Bird & Son ("Neponset"), East Walpole, Mass.
Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster Boards), 1453 Este av, Cincinnati, O.
Black Rock Wallboard Co., Black Rock, N. Y.
CAREY PHILIP MFG. CO. ("Carey Board"), 300 Wayne av, Lockland, Cincinnati, O. *See adv index at end of book*
Compo-Board Co. ("Compo-Board"), 44th & Lyndale avs, Minneapolis, Minn.
Cornell Wood Products Co. ("Cornell" Wood), 190 N State, Chicago, Ill. Ill
EDWARDS MFG. CO. 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.
Graham Paper Co. (Paper), 11th & Spruce, St. Louis, Mo.
Heppes Roofing Division, The Richardson Co. ("Utility" Fibrous Waterproof), Lockland, O.
Hoff Magnesite Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco, Cal.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
Lampson Lumber Co., New Haven, Conn.
MacAndrews & Forbes Co. ("Fibertic"), 200 5th av, New York
Mueller Lumber Co., Davenport, Ia.
Pantasote Co. ("Homasote"), 11 Broadway, New York
Paraffine Companies Inc. The ("Pabco"), 34 First, San Francisco, Cal.
Plastergon Wall Board Co. (Treated Wood Fibre), 196 Philadelphia av, Buffalo, N. Y.
Roberds Mfg. Co., Marion, Ind.
Rockford Paper Box Board Co., Rockford, Ill.
Rubens Paint & Glass Co., Inc., Richmond, Va.
Sackett Plaster Board Co. ("Sackett's"), 1170 B'way, New York
Union Insulating & Construction Co., 20 W Jackson blvd, Chicago, Ill. *See adv index at end of book*
United States Gypsum Co. ("Sheetrock," "Adamant"), 205 W. Monroe, Chicago, Ill.
UPSON CO. ("Upson Processed"), Lockport, N. Y. *See adv index at end of book*
Western Builders' Supply Co., 135 2d, San Francisco, Cal.
Wright-Barrett & Stilwell Co. ("Wright's" Indestructible), N E cor University & Hampden avs, St. Paul, Minn.

Wall Burlaps & Canvas

See Wall Coverings

Wall Coping Mfrs.

See Pipe, Sewer; also Terra Cotta, Architectural

16606— Wall Coverings

American Materials Co. ("Elastica" Magnesite Exterior), 101 Park av, New York
Beck Fr. & Co. ("Lincrusta Walton"), 231 5th av, New York
Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute), 89 Franklin, Boston, Mass. *See adv index at end of book*
Cott-a-lap Co., Somerville, N. J.
Fiberlic Co., Camden, N. J.
Goodlatte T. R. & Sons Inc. ("Walcloth"), Delawanna av, Delawanna, N. J. *See adv index at end of book*

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T. R. Goodlatte & Sons, Inc.
Delawanna Ave., Delawanna, N. J.

Grimond J. & A. D., Ltd. (H. N. Gildea, Agent) (Burlaps), 320 B'way, New York
Lloyd W. H. S. Co. (Mostly Foreign), 105 W 40th, New York
Patton Paint Co. ("Alba. Lux" White Light), Milwaukee, Wis.
Richter Mfg. Co. ("Tapestrolea" Burlaps & Canvas), Tenafly, N. J.
Standard Oil Cloth Co. ("Sanitas" Washable), 320 B'way, New York
Wiggins H. B. Sons Co. ("Fab-Ri-Ko-Na"), Bloomfield, N. J.

16607— Wall Finish

Adams & Elting Co. ("Naples Velvet Finish" Washable), 726 Washington blvd, Chicago, Ill.
Alabastine Co. ("Alabastine"), Grand Rapids, Mich.
American Soapstone Finish Co. (Soapstone), Chester Depot, Vt.
Anti-Kalsomine Co. ("Gypsine"), Grand Rapids, Mich.
Arlington Mfg. Co. ("Richtone," "More-Lyte"), Canton, Ohio
Boydell Bros. White Lead & Color Co. ("Washable," 'Sof-Tone" for Walls, Radiators, Ceiling, Wood, Metal, etc.), 432 E Lafayette, Detroit, Mich.
Cardiff Gypsum Plaster Co. ("Kalloite"), Fort Dodge, Iowa
Fox M. Ewing Co. ("Muralite" & Calcitine), 241 E 136th, New York
Hockaday Co., 1831 Carroll, Chicago, Ill.
Keystone Plaster Co. (Hard White & Sand Finish), Chester, Pa.
Lawrence W. W. & Co. ("Dresden" Cold Water & "Dresden" Flat Finish), W Carson, Pittsburgh, Pa.
Manhattan Color Works ("Fres-Ko-Kote"), 1035 Kelly, New York
Moore Benjamin & Co. ("Muresco"), 231 Front, Brooklyn, N Y.
Muralo Company ("Calcino"), Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.
National Mortar & Supply Co., 2d Nat'l Bank bldg, Pittsburgh, Pa.
O'Brien Varnish Co. ("Liquid Velvet"), South Bend, Ind.
Ohio & Western Lime Co. ("Lion" Brand Rock Wall Finish), Huntington, Ind.
Patton Paint Co., Milwaukee, Wis.
Pierce F. O. Co. ("Sancota," "Pieresco"), 10 E. 43d, New York
Schrader, Whittick & Co., 1318 Clybourne av, Chicago, Ill.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Standard Varnish Works ("Flattine"), 90 West, New York
Tropical Paint & Oil Co. ("Tocotone," "Toconamel"), W 70th, Cleveland, O.
Troy Cold Water Kalsomine Co., Troy, N. Y.
Truscon Laboratories ("Asepticote" Interior Flat), Caniff & G. T. RR., Detroit, Mich.
United States Gypsum Co. ("Adamant," "Imperial," "Ivory," "Granite," "Rock," "Alabaster," "Universal," "Silico"), 205 W Monroe, Chicago, Ill.
Wasem Plaster Co. ("Monarch"), Ft. Dodge, Ia.
Woodville Lime Products Co. (White Enamel, White Lily Finish and Gold Medal Finish), 622 Madison av, Toledo, Ohio
Yarnall Paint Co. ("Marbloid," Washable), 1026 Race, Phila., Pa.

16608— Wall Finish (Imitation Stone)

United States Gypsum Co. (Caen Stone), 205 W Monroe, Chicago, Ill.

16609—Wall Paper (Fire-Proof)

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.

16610— Wall Paper Mfrs.

Allen Higgins Wall Paper Co. ("Vogue"), Worcester, Mass.
Art Wall Paper Mills, 2414 W 21st, Chicago, Ill.
Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.
Baeck Wall Paper Co., 233 37th, Brooklyn, N. Y.
Bailey Wall Paper Co., 1915 W 96th, Cleveland, O.
Barnes Rudolph & Co., York, Pa.
Becker, Smith & Page, (Inc.), Snyder av & Water, Phila., Pa.
Birge M. H. & Sons Co., Buffalo, N. Y.
Bosch Henry Co., 485 5th av, New York
Campbell Wm. Wall Paper Co., Hackensack, N. J.
Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Phila., Pa.
Chicago Wall Paper Mill, Steubenville, O.
Cott-a-lap Co., Somerville, N. J.
Gilbert Wall Paper Co., York, Pa.
Gledhill Wall Paper Co., 541 W 34th, New York
Graves Robert Co., 169 Madison av, New York
Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.
Hobbs Robt. Wall Paper Co., Hackensack, N. J.
Imperial Wall Paper Co., Glens Falls, N. Y.
Janeway & Carpenter, New Brunswick, N. J.
Joliet Wall Paper Mills, Joliet, Ill.
Kayser & Allman, 1522 Chestnut, Phila., Pa.
Lloyd W. H. S. Co. (Imp. & Jobbers), 105 W 40th, New York
Mairs W. H. & Co., 68 Sackett, B'klyn, N. Y.
Peats Alfred Co., 2132 B'way, New York
Pittsburgh Wall Paper Co., New Brighton, Pa.
Plattsburg Wall Paper Co, Plattsburg, N. Y.
Quaker City Wall Paper Co., E Thompson & E Westmoreland, Phila., Pa.
Rose Richard, Beverly, N. J.
Sears, Roebuck & Co. (Wall Paper Mill), 1020 S Spaulding av, Chicago, Ill.
Standard Wall Paper Co., Hudson Falls, N. Y.
Star-Peerless Wall Paper Mills, Joliet, Ill.
Strahan Thos. Co., Chelsea, Mass.
Sun Wall Paper Mfg. Co., Reading, Pa.
Thibaut Richard E. (Job), 153 Madison av, New York
Thomas Jacob Co., Newark, Del.
Vornhold Wall Paper Co., Kennedy & Garden, Phila., Pa.
Wallace Wall Paper Co., Cortland, N. Y.
York Card & Paper Co., York, Pa.
York Wall Paper Co., York, Pa.

16611—Wallets (Bank Messengers')

Bates Bros. Co., Athol, Mass.
Boston Pocket Book Co., 169 Massachusetts av, Boston, Mass.

16612— *Wands (Calisthenic)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

16612a—Wardrobes (Clothing)

Evans W. L. (Vanishing Doors), Washington, Ind.
Grand Rapids Show Case Co. ("New Way Crystal" Wood), Grand Rapids, Mich.
Hart & Hutchinson Co. ("H. & H." Steel), Corbin av, New Britain, Conn.
Himmel M. L. & Son ("Brilliant Ideal"), 113 Gay, Baltimore, Md.
Wilson, J. G. Corp'n., 8 E 40th, New York *See adv index at end of book*

16613— Wardrobes (Office)

Art Metal Construction Co., Jamestown, N. Y.
Dahlstrom Metallic Door Co. (Artistically Finished, Rodent & Fireproof), 413 Buffalo, Jamestown, N. Y.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Fox Electrical Corpn., 119 W. 42d, New York
Hart & Hutchinson Co. ("H. & H." Steel), Corbin av, New Britain, Conn.
Sargent Mfg. Co., Muskegon, Mich.
Wilson, J. G. Corp'n., 8 E 40th, New York *See adv index at end of book*

16614— Wardrobes (Steel, Fireproof)

Art Metal Construction Co., Jamestown, N. Y.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.

16615— Wardrobes (Ventilated, School & Hotel)

See also Lockers, Metallic

Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Dodge H. B. & Co., 332 S Michigan av, Chicago, Ill.
Grant Pulley & Hardware Co., 101 Park av, New York
Hart & Hutchinson ("H. & H."), Corbin av, New Britain, Conn.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Terrell's Equipment Co., Grand Rapids, Mich.
Wilson J. G. Corp'n, The Chief Office: 8 W 40th, New York. Mills and Factory, Norfolk, Va. *See adv index at end of book*

16615a— Warehouse Trucks

See also Trucks (Warehouse)

Lakewood Engineering Co., Cleveland, O.
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Sterling Wheelbarrow Co. ("Sterling" Special), Milwaukee, Wis.

16616—Warmers (Milk, Electric)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

16617—Warmers (Plate, for Hotels, Etc.)

Hutchinson Bros., 5 So Howard, Baltimore, Md.
Prometheus Electric Co. (Electric), 511 W 42d, New York
Sexton S. B. Stove & Mfg. Co., 500 W Conway, Baltimore, Md.

16617a— *Wash Trays

Stanley Works, New Britain, Conn. *See adv index at end of book*

16618— Washboard Mfrs.

Ashboro Wheelbarrow Co., Ashboro, N. C.
Ault Wooden Ware Co., Cincinnati, O.
Austell Swing & Ladder Co., Austell, Ga.
Burdett Mfg. Co., Kansas City, Mo.
Carolina Washboard Co., Raleigh, N. C.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Goldstein Jos. (Est. of), 323 Pearl, New York
Haysler Mfg. Co. (Solid Metal Galvanized Iron), Clinton, Mo.
Highland Glass Co. (Glass), Washington, Pa.
Ideal Sad-Iron Mfg. Co., 211 High, Cleveland, O.
Knoxville Tinware Mfg. Co., Knoxville, Tenn.
Lawn John A. ("Easy-Lask"), Lewistown, Pa.
Manhattan Washboard Co. (Glass, Zinc, Coated Steel & Galvanized), 323 Pearl, New York
Marietta Mfg. Co. (Glass), Indianapolis, Ind.



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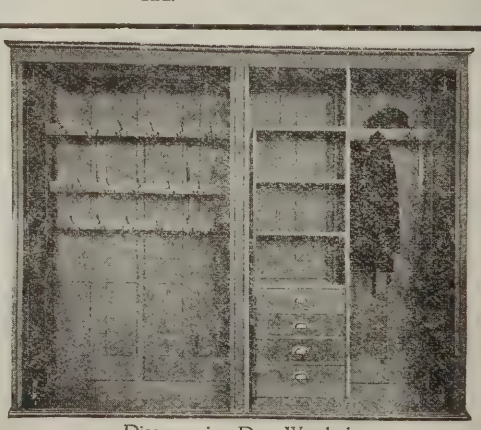
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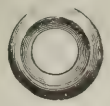
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REARWIN SPIRAL EMERY DRESSER CUTTER

Mississippi Glass Co. (Glass), 220 5th av, New York
National Washboard Co. ("Northern Queen," "Brass King," "Town Talk," "Red Cross," "Peerless," "Dawn Protector," "Red Star," "Reliable Metal," "Glass King," "White Hen" Glass), 72 W Adams, Chicago, Ill.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.

16619—Washbowls (Sanitary)

Gaylord Sanitary Mfg. Co. (For Factory), El Dorado, Kans.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York
Maddock's Thos. Sons Co., Trenton, N. J.
Manufacturing Equipment & Engineering Co. ("Meeco" Enameled, Galvanized or Plain Iron for Factories), Framingham, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

16619a—Washer-Scalders (Tomato & Fruit)

JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*

16619b— Washers (Acid)

Devine J. P. Co., Buffalo, N. Y
Goetz Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Lummus Walter E. Co, 171 Milk, Boston, Mass.
Stevens Bros., 85 Liberty, New York

16620— Washers (Air)

Atmospheric Conditioning Corp., Dept. H, 5th & Chestnut, Phila., Pa.
Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.
Baker E. & Co., 608-10 S La Salle, Chicago, Ill. *See adv index at end of book*
Bentz Harry Engineering Co., Inc., 90 West, New York
Bicalky Fan Co. ("Bicalky"), Buffalo, N. Y.
Braemer Air Conditioning Corp., Lafayette bldg., Phila, Pa.
Brawley T. R. (Pump), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Carrier Engg. Corpn., 39 Cortlandt, New York
Hersh Bros. Co., Allentown, Pa.
Ill. Electric Ventilating Co., Crawford av, near Diversey blvd, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mass Blower Co. (For Purifying & Humidifying the Air), Watertown, Mass.
Mellish Hayward Co., 213 W Austin av, Chicago, Ill.
Mitchell-Tappen Co., 15 John, New York
Narowetz Heating & Ventg. Co. ("Little Niagara"), 225 W Lake, Chicago, Ill.
New York Blower Co. ("Peerless"), Archer av & Canal, Chicago, Ill.
Prentice L. H. Co. (Conditioning & Intitation), 330 Sherman, Chicago, Ill.
Reilly Martin B. Co. Inc., 9 S Clinton, Chicago, Ill.
Spray Engineering Co. (& Coolers), 60 High, Boston, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 18 Damon, Hyde Park, Boston, Mass.
Zellweger J. & Sons, St. Louis, Mo.

16621—Washers (Air Brake)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass. *See adv index at end of book*
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Brawley T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum" Oilless), Bound Brook, N. J.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
Schacht Rubber Mfg. Co., Huntington, Ind.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

16622— Washers (Aluminum)

Cleveland Wrought Products Co., W 58th St. & W. & L. E. Belt Line, Cleveland, Ohio
ERDLE PERFORATING CO., 171 York, Rochester, N. Y. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*

16623— Washers (Axle)

Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
Bardall J. C. Co. (Coiled Leather), Moundsville, W. Va.
Barwood L. J. Mfg. Co. ("Barwood" Leather & Felt), Stoneham 80, Boston, Mass. *See adv index at end of book*
Bound Brook Oil-Less Bearing Co. ("Bound Brook"-Less Bearing, "Nigrum" Oilless), Bound Brook, N. J.
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Diamond Whip Co. (Coiled Leather), 406 N Curtis, Chicago, Ill.
Fernald Mfg. Co. (Coil & Solid), North East, Pa.
Harsh-Miller Mfg. Co. (Coil, for Carriages, etc), Wabash, Ind.
McCarthy T. F., 255 A, So Boston, Mass.
Wrought Washer Mfg. Co., Milwaukee, Wis.

16624-5—Washers (Basket)

Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Wrought Washer Mfg. Co., Milwaukee, Wis.

16626—Washers (Bone & Fat)

Brecht Co. (Wire Mesh Cylinder), 1201 Cass av, St. Louis, Mo.

16627—Washers (Brass & Copper)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O. *See adv index at end of book*
AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
BARNES THE WALLACE CO. ("Barnes-Made" Spring), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bettcher Stamping & Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Brass Goods Mfg. Co., 345 Eldert, Brooklyn, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New York
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Falls Rivet Co., Kent, Ohio
GASKET SUPPLY CO. ("Right" Brass, Copper, Steel, Tin, Zinc, Rubber, etc. Also Bronze), 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gaynor Mfg. Co. (Brass for Steam Gas & Water Fittings), Bridgeport, Conn.
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Guillot Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill. *See adv index at end of book*
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. (Brass), Framingham, Mass.
Hill-Smith Metal Goods Co. ("H. S." Copper), 82 Brookline av, Boston, Mass.
Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.
Humphrey H. W., Unionville, Conn
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Kale Stamping Co., 1657H W Lafayette Detroit, Mich.
Mass. Machine Shop, Inc., 817 Albany, Boston, Mass. *See adv. index at end of book*

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Metallo Gasket Co. ("Somerset," "Oxford" Copper), New Brunswick, N. J.
Nelson Tool Co., Inc., 782 E. 142d, New York
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio
North Penn Washer Co., Drexel bldg, Phila., Pa.
Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.
Plume & Atwood Mfg. Co., Waterbury, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Read A. P. Co., 568 W Washington, Chicago, Ill.
Rome Brass & Copper Co., Rome, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stimpson Edwin B. Co. (Also Bronze & Aluminum), 852 Kent av, Brooklyn, N. Y.
U. S. Indestructible Gasket Co., Church & Fulton, New York *See adv index at end of book*
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Mfg. Co. (Brass), Waterbury, Conn.
Whitman Metal Goods Co. (Brass), Whitman, Mass.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wrought Washer Mfg. Co. (Brass), Milwaukee, Wis.
W. & S. Mfg. Co., Worcester, Mass.

Washers (Car Box)

See Washers, Fibre, etc

16628—Washers (Cast Iron)

Bayonne Bolt & Nut Co., Bayonne, N. J. *See adv. index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
BOSWORTH-ARD MACHINE & FOUNDRY CO., Anniston, Ala.
Buchanan Foundry Co., Lebanon, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cheney S. & Son, Manlius, N. Y.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Devine J. P. Co., Buffalo, N. Y.
Drummond Mfg. Co., Louisville, Ky.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Etna Foundry Co., Etna, Pa.
Falls Rivet Co., Kent, O.
Foster Mfg. & Supply Co., 20th & Venango, Phila., Pa.

WASHERS (CAST IRON)—continued
Harkins T. B. Foundry Co., Bristol, Pa.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Indiana Foundry Co., Indiana, Pa.
Iron City Foundry Co., Lebanon, Pa.
Janney & Company, Montgomery, Ala.
Keagy & Lear Machine Co., Coshocton, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Los Angeles Foundry Co., Los Angeles, Cal.
Lummus Walter E. Co. (Chemical), 171 Milk, Boston, Mass.
McDowell Foundry Co., Chicago Heights, Ill.
Moran Bolt & Nut Mfg. Co. 1st & Florida, St. Louis, Mo.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Phoenix Specialty Mfg. Co., 48 Duane, New York
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Price-Evans Foundry Co., Chattanooga, Tenn.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Roanoke Iron & Bridge Works, Roanoke, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
SOUTH BEND FOUNDRY CO., South Bend, Ind.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kan.
Wrought Washer Mfg. Co., Milwaukee, Wis.

16629— Washers (Caster)

Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Spaulding J. & Sons Co., Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

16629a— Washers (Chemical)

Bethlehem Steel Co., South Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Goetz Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Lummus Walter E. Co. (Cast Iron, Lead, Lined or Steel Plate), 171 Milk, Boston, Mass.

16630— Washers (Cork)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
Armstrong Cork Co. (Natural Cork, "Acco," "Suberit," "Acme," "Rubber Cork," "Linoleum"), 24th & A. V. R. R., Pittsburgh, Pa.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Bond Bottle Sealing Co., 501 Monroe, Wilmington, Del.
Bond Mfg. Co., Wilmington, Del.
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
GASKET SUPPLY CO. ("Right" All Shapes & Sizes; Automobile Shapes a Specialty), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goetz Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Silver Crown Cork Co., 1457 Broadway, New York
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

16630a— Washers (Countersink)

Massachusetts Machine Shop (Inc.), 817 Albany, Boston, Mass.
See adv index at end of book
Quadriga Mfg. & Spec. Co. (For Flat Head Screw), 213 W Grand av, Chicago, Ill.
See adv index at end of book

16631— *Washers (Elastic)

Standard Fibre Co. (Flexible Fibre), Miller, Somerville, Mass.

16632— Washers (Felt)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
AMERICAN WASHER WKS., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Bacon Felt Co. ("Bacon"), Winchester, Mass
BARWOOD L. J. MFG. CO. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Booth Felt Co. Inc., 440 19th, B'klyn, N. Y.

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MANUFACTURERS OF
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Leather Washers *Felt Strips* *Paper Washers*
Pump Washers *Felt Washers* *Gaskets*


STAMPINGS OF ALL KINDS IN ABOVE MATERIALS

Braunsdorf George W., 430 E 53d, New York
BRAWLEY T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right" for Automobile Use), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goepel C. F. & Co., 137 E 13th, New York
House Chas. W. & Sons, Unionville, Conn.
Lyons Felt Co., 338 Myrtle av, B'klyn, N. Y.
McCarthy T. F., 255 A, So Boston, Mass.
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Star Felt Cutting Co., 260 69th, Brooklyn, N. Y.
Western Felt Works, 4115 Ogden av, Chicago, Ill.

16633— Washers (Fibre)

See also Fibre, Hard

American Vulcanized Fibre Co. (Vulcanized for Cock, Spigot, Tap, etc), 504 Equitable bldg, Wilmington, Del.
AMERICAN WASHER WKS., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
BARWOOD L. J. MFG. CO. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Bettcher Stamping & Mfg. Co., 6120 Clark av, S W, Cleveland, O.
See adv index at end of book
Bound Brook Oil-Less Bearing Co. ("Nigrum" Oilless), Bound Brook, N. J.
Brandywine Fibre Products Co., E Wilmington, Del. *See adv index at end of book*
Braunsdorf Geo. W., 40 E 53d, New York
CHICAGO MICA CO. (Mica, also Fibre, All Sizes), Valparaiso, Ind.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Continental Fibre Co. ("Bakelite-Dilecto," & Vulcanized Fibre & "Continental-Bakelite" for All Purposes), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (For All Purposes), Wilmington, Del.
See adv index at end of book
Diamond State Fibre Co. (For All Purposes), Bridgeport, Pa.
Fibre Finishing Co., 117 Lincoln, Boston, Mass.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right" Hard & Soft Fibre for Every Purpose), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goepel C. F. & Co., 137 E 13th, New York
Keystone Specialty Co. (Bibb), Scranton, Pa.
Lindsley Henry A., 1610 W 116th, Cleveland, O.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rogers Fibre Co. ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Russell Specialty Mfg. Co., Lake & Sacramento, Chicago, Ill.
See adv index at end of book
SPAULDING J. & SONS CO., INC. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co., Miller, Somerville, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.
Worcester Stamped Metal Co., Worcester, Mass.

16634— Washers (Friction)

Arguto Oilless Bearing Co. ("Arguto"), 149 Berkley, Wayne Junc., Phila., Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del. *See adv index at end of book*

16635—Washers (Galvanized)

Bettcher Stamping & Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Galvanized Products Co., Phillipsburg, N. J.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Nicetown Plate Washer Co., 1824 Juniata, Phila., Pa.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Stanley Works, New Britain, Conn.
See adv index at end of book
Wrought Washer Mfg. Co., Milwaukee, Wis.

Washers (Gas)

See Purifiers & Scrubbers, Gas

16635a— *Washers (Gravel)

SMITH ENGNG. WKS., 3191 Locust, Milwaukee, Wis.

16636— Washers (Insulating)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Arguto Oilless Bearing Co., 149 Berkley, Wayne Junc., Phila., Pa.
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Brawley T. R., 275 20th, Brooklyn, N. Y.
See adv index at end of book
Chicago Mica Co., Valparaiso, Ind.
See adv index at end of book
Continental Fibre Co. (Vulcanized Fibre & "Continental-Bakelite" & "Bakelite-Dilecto"), Newark, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del.
See adv index at end of book
Diamond State Fibre Co., Bridgeport, Pa.
Formica Insulation Co. ("Formica"), 4614 Spring Grove av, Cincinnati, O.
Fox Jno. M. & Co. ("Fibrine"), Portland, Me.
Gasket Supply Co., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Johns-Manville Inc. ("Vulcabeston"), Madison av & 41st, New York
Meirowsky Bros., Jersey City, N. J.
Mica Insulator Co. ("Micanite"), 68 Church, New York
Morley Mfg. Co. ("Milonite," "Perfection," Nails), 120 Boylston, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Parker & Hafner, Williamsport, Pa.
QUADRIGA MFG. & SPECIALTY CO. (Fibre), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rhode Island Washer Co., Valley Falls, R. I.
Salem Leather Co., Salem, Mass.
Schoonmaker Adrian O., 88 Park pl, New York
Spaulding J. & Sons Co., Inc. (Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller st, Somerville, Mass.
Wilmington Fibre Specialty Co., Wilmington, Del.

16637—Washers (Iron & Steel)

Allegheny Steel Co. (Round & Square Steel Plate Washers for Axle, Draft Pin, etc), Oliver bldg, Pittsburgh, Pa. Works: Brackenridge, Pa.
American Bridge Co., 30 Church, New York
American Equipment Co., Norristown, Pa.
Am. Nut & Bolt Fastener Co. (Wrought Iron & Steel), 3 Ontario, Pittsburgh, Pa.
Am Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Armstrong & Parker, Guilford av, Baltimore, Md.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv index at end of book
Beall Bros., Alton, Ill.
Bethlehem Steel Co., So Bethlehem, Pa.
Bettcher Stamping & Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Blancke A. C. Co. (Wrought Iron & Steel), 602 W Lake, Chicago, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Cobb & Drew (Small), Plymouth, Mass.
Columbus Bolt Works Co., Columbus, O.
Commercial Shearing & Stamping Co. The, Youngstown, O.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Erdle Perforating Co., 171 York, Rochester, N. Y. *See adv index at end of book*
Erie Forge Co., Erie, Pa.
Foster Mfrs. & Supply Co. (Wrought), 20th & Venango, Phila., Pa.
GASKET SUPPLY CO. (Round & Square), 1927 Ludlow, Phila., Pa.
See adv index at end of book

Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Greenlie, Wyatt & Co., 499 Water, New York
Griffin Mfg. Co. (Wrought), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co., (Wrought Steel), St. Louis, Mo.
Harry Bros. Mfg. Co. (Steel Only), 282 Woodbridge, E Detroit, Mich.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Hitners H. A. Sons Co., 4501 Richmond, Phila., Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Hubbard Pressed Steel Co., Niles, O.
Humphrey H. W., Unionville, Conn.
Joliet Wrought Washer Co., Joliet, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanman E. B. Co., East Chicago, Ind.
Lanz M. Bolt Co. (Square & Round), 2907H Carson, Pittsburgh, Pa.
LARKIN J. K. & CO. (Cast Iron), 253 Broadway, New York
See adv index at end of book
McKinney Mfg. Co. (Steel), Liverpool & Metropolitan, Pittsburgh, Pa.
Mansfield Lock Washer Co., Mansfield, O.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Massachusetts Machine Shop (Inc.) (Steel), 817 Albany, Boston, Mass.
See adv index at end of book
Merwin Mfg. Co., Erie, Pa.
Meyer & Co., Throopsville, N. Y.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
New Castle Steel & Iron Co. (Wrought), Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Nicetown Plate Washer Co. (Round or Square), 1824 Juniata, Phila., Pa.
Nolte Screw Machine Products Co., 1536 Freeman av, Cincinnati, Ohio
North Penn Washer Co., Drexel bldg, Phila., Pa.
Ohio Shovel & Stamping Co. (Wrought), Dover, O.
Oliver Iron & Steel Co. (Wrought), S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works (Wrought), 133 Howard, San Francisco, Cal.
Philadelphia Machine Screw Works (Special Size, Any Material), 624 Race, Phila., Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co. (Wrought), Preble av, Pittsburgh, Pa.
Plymouth Mills (Small), Plymouth, Mass.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill
See adv index at end of book
Read A. P. Co., 568 W Washington, Chicago, Ill.
Reed & Prince Mfg. Co., Worcester, Mass.
Reliance Mfg. Co. (Steel Plate), Massillon, O.
Republic Iron & Steel Co. (Steel), Youngstown, O.
See Branch Offices Alphabetical Section.
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, Ohio
Rhode Island Tool Co., Providence, R. I.
Richards-Wilcox Mfg. Co. (Steel), Aurora, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co. (Wrought), Clarence & Bulwer avs, St. Louis, Mo.
Schaper Construction Material Co. (Steel), 90 West, New York
Sessions J. H. & Son (Steel), Bristol, Conn.
Sharon Steel Hoop Co. (Steel Only), Sharon, Pa.
Smith Thos. Co., Worcester, Mass.
Sparks-Withington Co. (Steel), Jackson, Mich.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stimpson, Edw. B. Co., 852 Kent av, Brooklyn, N. Y.
Taunton Rivet Works (Steel), Taunton, Mass.
Torsion Nut Lock & Washer Co. Inc. ("Torsion" Hexagon Steel), 11 Central, Boston, Mass.
Unity Mfg. Co. (Steel Spacing), 4227 Lorain av, Cleveland, O.
Universal Safety Tread Co., Waltham, Mass.
Upson Nut Co., Cleveland, O.
Western Washer Co., 2279 E 15th, Los Angeles, Cal.
Whitman Metal Goods Co. (Iron), Whitman, Mass.
Wilcox, Crittenden & Co. Inc., Middletown, Conn. *See adv index at end of book*
Wilmington Malleable Iron Works of Eastern Malleable Iron Co. (Malleable Iron), Wilmington, Del.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wrought Washer Mfg. Co. (Wrought & Steel Plate of all Kinds), Milwaukee, Wis.

16638— Washers (Lead)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
American Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
AMERICAN WASHER WKS., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Barwood L. J. Mfg Co ("Barwood"), Stoneham, 80, Boston, Mass.
See adv index at end of book
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Emrich Phil (For Roofers), 824 Main, Cincinnati, O.
Field R B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. (Both Flat & Shaped), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Globe Iron Roofing & Corrugating Co., Dept. H, Newport, Ky.
Goetz Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
Lawrence Shot & Lead Co., Omaha, Neb.
Littleford Bros. (For Roofers), 444 E Pearl, Cincinnati, O.
Newport Rolling Mill Co., Newport, Ky.
Orleans Steel Products Co., Inc., 1021 Bienville, New Orleans, La.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Selby Smelting Works, 201 1st, San Francisco, Cal.
Souther E. E. Iron Co. (For Roofers), Klenlin & Hamburger, St. Louis, Mo.
Stimpson, Edw. B. Co., 852 Kent av, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
Wensley Metal Products Co., Denver, Colo.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

16639— Washers (Leather)

Adams C. F. (Bibb & Pump), P. O. Box 253H, Ft. Worth, Texas
Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
AMERICAN WASHER WKS., 426 & 426 Smith, Brooklyn, N. Y.
See adv index at end of book
Auburn Leather Goods Co., Auburn, N. Y.
Bardall J. C. Co. (Coiled, etc), Moundsville, W. Va.
BARWOOD L. J. MFG. CO., Stoneham, 80, Boston, Mass.
See adv index at end of book

WASHERS BARWOOD GASKETS
ESTABLISHED 1900
"BARWOOD" WASHERS, GASKETS AND PACKINGS
Leather, Felt, Fibre, Paper, Asbestos, Cork, Cardboard, Lead
ANY SIZE OR SHAPE
Moulded Leather Packings our specialty. Send B/P or specifications, naming quantities, and receive our attractive prices by return mail. Prompt service.
L. J. BARWOOD MFG. CO.
Stoneham 80, BOSTON, MASS.

Bunnell W. H., 131 Worth, New York
Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Darling Valve & Mfg. Co. (Ltd), Williamsport, Pa.
Detroit Leather Works ("Wear Well"), 683H E Lafayette, Detroit, Mich.
Diamond Whip Co. (Coiled, etc), 406 N Curtis, Chicago, Ill.
Eureka Supply Co., Swell, N. J.
Excelsior Leather Washer Mfg. Co., 323-329 Cedar, Rockford, Ill.
Feeser F. S. & Co., 1033 Shelby, Indianapolis, Ind.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Glauber M. & Co., 103 Varick, New York
Glauber Samuel S., 242 E 79th, New York
Graton & Knight Mfg. Co., Worcester, Mass.
Hoffeld R. & Co. (For Axles), 61 Carroll, Buffalo, N. Y.
Houghton E. F. & Co., ("Vim"), 240 Wor-Somerset, Phila., Pa.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Indiana Leather Stamping Co., Williamsport, Pa.
Judd & Leland Mfg. Co., Clifton Springs N. Y.
Kendrick Valve & Washer Co., Syracuse N. Y.
Keystone Specialty Co. (Bibb), Scranton, Pa.
Marston I. G. & Co., 226 Ruggles, Boston Mass.
National Leather Mfg. Co., Niles, Mich.
New York Washer Works Co., 89 Morton, New York
Nott W. S. Co., 2d av, N. & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Planet Co., Westfield, Mass.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Raniville F. Co., Grand Rapids, Mich.
Simplex Mfg. Co., 10-12 Garden, Auburn, N. Y.
United States Whip Co., Westfield, Mass.

16640—Washers (Leather Coil for Whips, Etc.)

Bardall J. C. Co., Moundsville, W. Va.
Diamond Whip Co. (Axle), 406 N Curtis, Chicago, Ill.

16641— Washers (Lock)

American Nut & Belt Fastener Co. ("Bartley" for Splice Joints, Car Trucks, etc), Ontario & Doerr, North Side, Pittsburgh, Pa.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Flannery J. Rogers & Co. (Nut Locks), Vanadium bldg, Pittsburgh, Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.
Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
Jones Positive Nut Lock Co., 2812 S. Wabash av, Chicago, Ill.
Mansfield Lock Washer Co. ("Mansfield"), Mansfield, O.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Umbrella Frame Co. ("Neverslip"), 30th & Thompson, Phila., Pa.
Positive Lock Washer Co. of America, Av-A, Newark, N. J.
QUADRIGA MFG. & SPECIALTY CO. (Plain & Pattern), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Reliance Mfg. Co. ("Reliance"), Massillon, O.
St. Louis Screw Co., Clarence & Bulwer ave, St. Louis, Mo.
Sailer & Melvin Mfg. Co., Massillon, O.
SMITH & HEMENWAY CO. INC. (Corrugated "Lox-Washer"), 261H B'way, New York & 130H Colt, Irvington, N.J.
See adv index at end of book
Steel Specialties Co. ("Hold Tite" Nut Lock), Dept. H, Wakefield, Mass.
Verona Tool Works ("Verona"), Oakmont, Pa.

16642—Washers (Malleable Iron)

National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Wrought Washer Mfg. Co., Milwaukee, Wis.

Washers (Mica)

See Mica, Manufactured

Washers (Milk Can)

See Machines, Milk Can Washing

16643—Washers (Name Plate)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Wolverine Brass Works, Grand Rapids, Mich.

16644—Washers (Nickel Plated)

Bettcher Stamping & Mfg. Co. The, 6120 Clark av, S W, Cleveland, O.
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Springfield Mach. Co., Springfield, Mass.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

16645— Washers (Paper)

Advance Felt & Cutting Co., 380 S Jefferson, Chicago, Ill.
AMERICAN WASHER WKS., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Braunsdorf Geo. W., 430 E 53d, New York
Field R. B. & Co. ("Fieldco"), Worcester, Mass.

16646—Washers (Phosphor Bronze)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Bound Brook Oil-Less Co. ("Bound Brook"), Bound Brook, N. J.
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goetze Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

16647—Washers (Plate, Steel)

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
Cambria Steel Co. (Finished), Widener bldg, Phila., Pa.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Harry L. C. Co., 114 Liberty, New York
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Massachusetts Machine Shop, Inc., 817 Albany, Boston, Mass.
See adv index at end of book
MULHOLLAND W. J., Commercial Trust bldg, Phila., Pa.
Nelson Tool Co., Inc., 782 E 142d, New York
Nicetown Plate Washer Co., 1824 Juniata, Phila., Pa.
Pottsville Bolt Co., Pottsville, Pa.
Smith Thos. Co., Worcester, Mass.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Worcester Pressed Steel Co., Worcester, Mass. *See adv indexat end of book*
YOUNGSTOWN PRESSED STEEL CO. (Standard Special), Warren, O.

16648—Washers (Plumbers')

American Vulcanized Fibre Co. (Vulcanized Fibre), 504 Equitable bldg, Wilmington, Del.
American Washer Wks., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham, 80, Boston, Mass.
See adv index at end of book
Brawley T. R. (Waterproof & Paraffine Treated), 275 20th, Brooklyn, N. Y.
See adv index at end of book
Continental Fibre Co. ("Continental-Bakelite" & "Bakelite-Dilecto" Fibre), Newark Centre, Del.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Bridgeport, Pa.
Empire Tire & Rubber Corp. (Rubber), Trenton, N. J.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Frost Mfg. Co. (Brass), Kenosha, Wis.
GASKET SUPPLY CO. ("Right" Fibre Lead, etc.), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Gaynor Mfg. Co., Bridgeport, Conn.
Good Mfg. Co., ("Good"), 305 E 134th, Grabler Mfg. Co., Cleveland, O.
Home Rubber Co., Trenton, N. J.
Kale Stamping Co., 1657H Lafayette blvd, Detroit, Mich.
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Mitchell A. L. & Son, 1866 Atlantic av, Brooklyn, N. Y.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.
Rhode Island Washer Co., Valley Falls, R. I.
Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wolverine Brass Works (Nickel Plated), Grand Rapids, Mich.
Woodward-Wanger Co. ("Flexo" Bibb), 1106 Spring Garden, Phila., Pa.

16649—Washers (Prop Block)

Kilo Electric Meter Co., 10th & Canal, Indianapolis, Ind.
Searls Mfg. Co. (Leather), 29 Mulberry, Newark, N. J.

16650— Washers (Roof)

Horan Stay Hanger Co. (Galvanized), 1932 W Jefferson, Louisville, Ky.

16651— Washers (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
AMERICAN WASHER WKS., 426 & 428 Smith, Brooklyn, N. Y.
See adv index at end of book
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Bunnell W. H., 178 Center, New York
Canfield H. O. Co., Bridgeport, Conn.
Combination Rubber Mfg. Co. ("Boss"), Bloomfield, N. J.
Empire Tire & Rubber Corp., Trenton, N. J.
GASKET SUPPLY CO. ("Right" Cloth Inserted, Red & Pure Rubber), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Gilbert & Co., Hyattsville, Md.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Jenkins Bros., 80 White, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Marston I. G. & Co. (Machine Cut), 226 Ruggles, Boston, Mass.
Mechanical Rubber Co., 73 Reade, New York
Mulconroy Co., 54th & Jefferson, Phila., Pa.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
New York Rubber Disc Co., 215 E 98th, New York
Norwalk Mfg. Co., E Norwalk, Conn.
Ogden C. S. Co., 420 E 159th, New York
Quabaug Rubber Co. (Hose), N Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., 60 High, Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
United & Globe Rubber Co., Trenton, N. J.
U. S. Rubber Co., 1790 Broadway, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

Washers (Screw)

See Washers, Countersunk

16652—Washers (Sherardized)

Wrought Washer Mfg. Co., Milwaukee, Wis.

16653—Washers (Special Sizes, Any Material)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
Barwood L. J. Mfg. Co. ("Barwood"), Stoneham 80, Boston, Mass.
See adv index at end of book
BRAWLEY T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
ERDLE PERFORATING CO., 171 York, Rochester, N. Y.
See adv index at end of book
Oakes Co., Indianapolis, Ind.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
YOUNGSTOWN PRESSED STEEL CO. (Special & Standard, Steel), Warren, O. *See adv index at end of book*

16654— Washers (Spring)

BARNES, THE WALLACE CO. ("Barnes-Made" Tempered Steel), 18 Wallace, Bristol, Conn.
See adv index at end of book
Gainer F. H., Plainville, Conn.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Hunt Pen C. Howard Co., Camden, N. J.
Kale Stamping Co., 1657H Lafayette blvd, Detroit, Mich.
Mansfield Lock Washer Co., Mansfield, O.
Stimpson, Edw. B. Co., 852 Kent av, Brooklyn, N. Y.

16654a— Washers (Square)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Goetz Gasket & Packing Co., New Brunswick, N. J. *See adv index at end of book*
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

16655—Washers (Street & Hydrant)

American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Field R. B. & Co., Worcester, Mass.
Haydenville Co. ("Lewis"), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hvass Chas. & Co., 511 E 18th, New York
Jarecki Mfg. Co. ("Jarecki," "Keystone"), Erie, Pa.
Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.

16656— Washers (Tin)

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Humphrey H. W. (Carpet, etc), Unionville, Conn.
National Sheet Metal Co. (Also Brass & Nickel Tin & Zinc), Peru, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv. index at end of book
Robertson W. F. Steel & Iron Co. (Tufting), Elm & Commerce, Cincinnati, O.
Stimpson, Edw. B. Co., 852 Kent av, Brooklyn, N. Y.

16656a—Washers (Tomato & Fruit)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
McKenna Brass & Mfg. Co. ("Haller" & Berry), 1st av & Ross, Pittsburgh, Pa.

16657— Washers (Tumbler)

Rowe L. L. ("No-thump"), 74 Portland, Boston, Mass.
Whiteman Mfg. Co. ("Lightning"), Canton, O.

16658— Washers (Vehicle)

Acklin Stamping Co. 1659 Dorr, Toledo, O.
See adv index at end of book
Bossert Corp. The, cor. Linden & West av, Utica, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Gaylord Sanitary Mfg. Co. ("Ideal" & "Always Ready," Overhead), El Dorado, Kans.
Hanley S. V., 235 Cambridge av, Milwaukee, Wis.
Mueller Edward (Overhead), New Durham, N. J.
Nolan & Blen, 59 Cambridge av, Boston, Mass.
Nunn Brass Works ("Ford"), Rochester, N. Y.
Perfect Mfg. Co., Box 350, Albany, N. Y.
Raban W. A., Broad, Port Chester, N. Y.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Ryan & Long ("Perfection," Overhead), Appleton, Wis.
Smith I. J. Mfg. Co., 100 7th av; 2 Kings Highway, Brooklyn, N. Y.
Star Brass Works ("Binks"), 3129 Carroll av, Chicago, Ill.
See adv index at end of book
Vehicle Specialty Co. ("Excelsior," Revolving Overhead, "No. 2 Superior," Illuminating Overhead), Hartford, Conn.
Walworth Mfg. Co. ("Walworth"), 793 First, Boston, Mass.
Wieben John Co. (Overhead), 2051 Lex. av, New York

16659— Washers (Wooden)

Bogert & Hopper, Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. Mfg. Co., 364 5th av, New York *See adv index at end of book*
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

Washers (Wrought Iron & Steel)

See Washers, Iron & Steel

16660— Washers (Zinc)

GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Stimpson, Edw. B. Co., 852 Kent av, Brooklyn, N. Y.

Washers & Burrs (Brass & Copper)

See Washers, Brass & Copper

16661-2—Washing Machine Parts (Wood)

ALBAUGH DOVER CO. (Electric), 2100 Marshall blvd, Chicago, Ill.
See adv index at end of book
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
National Tank & Pipe Co., Kenton Sta., Portland, Ore.
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Yost Gearless Motor Co., Springfield, O.

16663—Waste (Cotton & Wool)

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill. *See adv index at end of book*
Am. Silk Mfg. Co., 4341 Orchard, Phila., Pa.
American Supply Co. (Wholesale), 1407 Dayton, Chicago, Ill.
Andres Eugene C. Co., 141 Milk, Boston, Mass.
Ayres, Bridges & Co., 200 Summer, Boston, Mass.
Becker Chas. W., Amsterdam, N. Y.
Bishop Robt. Mfg. Co. (Cotton), 157 W Sixth, S Boston, Mass.
Blaisdell S. Jr. Co. (Dealers), Chicopee, Mass.

Blakeley Jno. & Son (Cotton & Wool), 1089 Gtn. av, Phila., Pa.
Bowman D. F. Co. (Wool Waste for Packing Car Boxes), New Albany, Ind.
Broderick & Babscom Rope Co. (Jobbers of All Grades), 805 N Main, St. Louis, Mo.
Brooks Geo. B. (Wiping), 303 Canal, Providence, R. I.
Burstein Meyer, Neenah, Wis.
Cantasano Vito G. & Bros., 185 South, New York
Charles Wm. B., Amsterdam, N. Y.
Charlotte Waste Co., Inc., Charlotte, N. C.
See adv index at end of book
Chicago Waste Co., 319-331 W. O., Chicago, Ill.
Clapp H. D. B. & Co. (Packing), 824 N American, Phila., Pa.
Coburn Walter Co., Lowell, Mass.
Collins E. F. & Sons, Springfield, Mass.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
See adv index at end of book
Cordingley W. S. & Son (Wool), 229 A S, Boston, Mass.
Corr Peter H., Taunton, Mass.
Crerar Adams & Co., 259 E Erie, Chicago, Ill.
Dallas Waste Mills, Dallas, Texas
Detroit Waste Works, 112 Larned W, Detroit, Mich.
Devlin Chas. & Sons, Inc. (Cotton & Wool), 3219 Kensington, Phila., Pa.
Dixon Wm. F. & Sons Co. (Cotton & Wool), 102 Leverington, Phila., Pa.
Economy Wiping Materials Co., 100 10th av, New York
Egan K. Francis X. Corp., 20-22 Bergen, Brooklyn, N. Y.
Egan Waste Co., 19 Burling, New York
Emsley John W., Adams & Emerald, Phila., Pa.
Estes Mills (Cotton "Yacht-Auto," Bleached, "Extra Special," "Prime," Natural Color, Machy. Wiping), Fall River, Mass.
Federal Paper Stock Co., 1814 N Main, St. Louis, Mo.
Felber Sales Co., Superior & 38th, Cleveland, Ohio
Flower Waste & Packing Co., 30 Church, New York
Frankfort Waste Co. (Machined Cotton), Dept. H, Van Dyke & Orchard, Phila., Pa.
Franklin Mfg. Co. ("Perfection" Journal Box), Franklin, Pa.
Friedlander Julius & Co. (Cotton Waste & Linters), Columbus, Ga.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gallagher Daniel J. Mfg. Co., 513 S Clinton, Chicago, Ill.
Glick Harris (Wool, etc), Worcester, Mass.
Gordon Bros., Hazardville, Conn.
Graves Frank B. Co. (Wool), Albany, N. Y.
Gumbinsky Bros. Co., 2261 S Union av, Chicago, Ill.
Hagy Clayton L. & Son, 16th & Carpenter, Phila., Pa.
Hagy J. Milton Waste Works ("Fidelity" Cotton & Wool), 836 S Swanson, Phila., Pa.
Handlan-Buck Mfg. Co., 210 N 3rd, St. Louis, Mo.
Harris Alfred & Co., 146 Summer, Boston, Mass.
Hill & Cutler, 176 Federal, Boston, Mass.
Hill & Dixon Co., Hearst bldg, Chicago, Ill.
Hoffman-Corr Mfg. Co. (Cotton), 312 Market, Phila., Pa.
Hubley Gordon A. (Felt), Worcester, Mass.
See adv index at end of book
Industrial & Sales Corp. ("Isco"), 4 South, New York
Kenan, McKay & Speir, Inc., Atlanta, Ga.
Kinsey E. A. Co., 331 W 4th, Cincinnati, Ohio
Leigh John Co., 241 A, Boston, Mass.
Lenhart J. I., 236 N Delaware av, Phila., Pa.
Leschen A. & Sons Rope Co. (Cotton Only), 920 N 1st, St. Louis, Mo.
Lillie Dexter P. Co. (Cotton Wiping & Packing Wastes), Indian Orchard, Mass.
Lowell Waste Co., Lowell, Mass.
McGrath John J. (For Wiping & Journal Box Packing), 1338 N Front, Phila., Pa.
Maier Marx, Inc., 200 5th av, New York
Main Paper Stock Co., Inc., 31 Peck slip, New York
Massasoit Mfg. Co., Fall River, Mass.
Mendelson Bros. Paper Stock Co., 910 S Michigan av, Chicago, Ill.
Miller Waste Mfg. Co., Snyder & Swanson, Phila., Pa.
Moore Geo. C. (Wool), N Chelmsford, Mass.
National Waste Co. ("Quaker"), Nixon & Leverington, Phila., Pa.
New England Cotton Yarn Co., Taunton, Mass.
Norton Daniel R., Albany, N. Y
O'Meara Maurice Co., 450 Pearl, New York
O'Neill Bros. (For R R Purposes, etc), Oxford & Howard, Phila., Pa.
Peck Asa & Co., 556 Atwells, Providence, R. I.
Ray Edgar K. (Est. of), Franklin, Mass.
Railway Supply & Mfg. Co. (Dealers, White & Colored), Cincinnati, O.
Remick, Timothy & Co., 176 Federal, Boston, Moss.
Richards Fred. J., Springfield, Mass.
Riverside Mills (White & Colored Machined Cotton), Augusta, Ga.
Robinson D. & Sons, 646 Hastings, Detroit, Mich.
Rosen Henry, Toledo, O.
Royal Mfg. Co. (Cotton, Wool & Packing), Rahway, N. J.
Royal Textile Co., 200 Congress, Boston, Mass.
Salomon A., Inc., 15 Park Row, New York
South Atlantic Waste Co., Charlotte, N. C.
Springfield Waste Co. (Cotton Packing & Wiping Waste), Springfield, Mass.
Standard Waste Mfg. Co., 3067 E 61st, Cleveland, O.
Stevenson Bro. & Co. (Cotton), 110 Race, Phila., Pa.
STRONG COTTON WASTE & MFG. CO. ("Strong's Specialty," White & Colored), 292-294 Church, New York
See adv index at end of book
Sweetland Waste Co., 134 Tudor S, Boston, Mass.
Trimble & Lutz Supply Co. (Jobbers), Wheeling, W. Va.
Toohey M. J. & Co., Fall River, Mass.
Troy Waste Mfg. Co., Troy, N. Y.
Union Wadding (Wiping), Pawtucket, R. I.
United Waste Mfg. Co., Troy, N. Y.
Valley Waste Mills, La Grange, Ga.
Wallace Rodney Co., Fitchburg, Mass.
Weeks-Howe-Emerson Co. (Cotton), 90 Market, Chicago, Ill.
Whitaker Fred Co. Inc. (Dealers), 2624 N American, Phila., Pa.
Wolf W. & Sons (Cotton), 549 Atlantic av, Boston, Mass.

Waste Heat Utilizers

See Fuel Economizers

16664—Waste Saturating Systems

Milwaukee Tank Works ("Milwaukee" System for Saturating Journal Box Packing), Fratney & Becker, Milwaukee, Wis.

16665—Waste & Overflows (Bath)

A. D. Mfg. Co. ("Romeyn" Connected), 201 Piquette, Detroit, Mich.
American Fdry. & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Pin Co. ("Ampinco" Connected), Waterbury, Conn.
American Sanitary Mfg. Co., Abingdon, Ill.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
D. C. Mfg. Co. ("D. C." Supply & Waste), Canton, O.
Dearborn Brass Co. (Connected With Traps), Cedar Rapids, Ia.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park row, New York
Empire Brass Mfg. Co. (With Trap), 10301 Berea rd, Cleveland, O.
Frost Mfg. Co. ("Femco"), Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior Cleveland, O.
Hoffmann & Billings Mfg. Co. ("H. & B." with Trap), 100 2nd, Milwaukee, Wis.
Ireland & Matthews Mfg. Co., Beach & Chatfield, Detroit, Mich.
Klipstein A. & Co. ("Bemanco"), 644 Greenwich, New York
Kretschmer Mfg. Co., Dubuque, Ia.
McDonald A. Y. Mfg. Co. (With Trap), Dubuque, Ia.
Morency-Van Buren Mfg. Co., Sturgis, Mich.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Speakman Supply & Pipe Co. ("Speakman" Bath Waste), Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Tindersen & Kropf Mfg. Co. ("F. & K."), (By-Pass), 2559 W 21st, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Weiskittke A. & Sons, 12th & Lombard, Baltimore, Md.
Wise J. B. Inc. (For Bath Tubs), Watertown, N. Y.
Wolverine Brass Works (With Trap), Grand Rapids, Mich.

16666-7— Watch Case Mfrs.

American Watch Case Co., 15 Maiden la, New York
Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.
Dueber Watch Case Mfg. Co., Canton, O.
Fahys Joseph & Co., 17 Maiden la, New York
Gruen D. Sons & Co., McMillan & Iowa, Cincinnati, O.
Illinois Watch Case Co., Elgin, Ill.
Keystone Watch Case Co., 1411 Walnut, Phila., Pa.
North American Watch Co. (Gold, Silver & Gold Filled), Mansfield, O.
Queen City Watch Case Mfg. Co., Cincinnati, O.
Roy Watch Case Co., 81 Prospect, Brooklyn, N. Y.
Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.
Star Watch Case Co., Ludington, Mich.
Wadsworth Watch Case Co., Dayton, Ky.
Western Watch Case Mfg. Co., 29 E Madison, Chicago, Ill.

Watch Crystals

See Crystals, Watch

16668-9— Watches

See also Watch Case Mfrs.

Burlington Watch Co., 19th & Marshall blvd, Chicago, Ill.
Elgin National Watch Co., 86 E Randolph, Chicago, Ill.
Green Watchmakers Guild, Lime Hill, Cincinnati, O.
Hamilton Watch Co., Lancaster, Pa.
Hampden Watch Co., Canton, O.
Howard E. Watch Works, Waltham, Mass.
Ingersoll R. H. & Bro., 315 4th av, New York
Knickerbocker Watch Co., Woolworth bldg, New York
New Haven Clock Co., New Haven, Conn.
New York Standard Watch Wks., 403 Communipaw av, Jersey City, N. J.
North American Watch Co., Mansfield, O.
Rockford Watch Co., Elgin, Ill.
Waltham Watch Co., Waltham, Mass.

Watchman's Time Detectors

See Clocks, Watchman's; also Recorders, Time

16670—Water Bottles (Rubber)

Ajax Rubber Co., 220 W 57th, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co. (Lightweight Rubber Insertion), 8 W. 40th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. ("Marco"), Akron, O.
Tyer Rubber Co., Andover, Mass.
Whithall, Tatum Co., 410 Race, Phila., Pa.

16671— Water Closet Mfrs.

Aird-Don Co., Troy, N. Y.
Alberne Stone Co., 223 23d, New York
American Sanitary Works ("B. O. T."), Washington, N. J.
Automatic Chemical Closet Co. ("Auto-Kem-Clo," Vitreous China, Chemical), 1417 Wash. av, Minneapolis, Minn.
Barrett Jas. Mfg. Co. ("Empress," "Congress," "Duke," "Emperor," "Duchess," "Korka," "Lion," "Tudor," "Princely" & "Clio"), 117 Pearl, Boston, Mass.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Bowser Sanitary Mfg. Co., Lafayette Ind.
Cahill Iron Works, Chattanooga, Tenn.
Camden Pottery Co. ("Inandia" Silent Action), Camden, N. J.
Central Metal & Supply Co. ("Stratford" & "Wendover" Silent Syphon Jet, "Regis" Syphon Jet, "Allston" Reverse Trap with Jet, "Edgevale" Reverse Trap, "Homewood" Syphon Action with Jet, "Kingston" Heavy Washdown with Jet, "Somerset" Syphon with Integral Seat, "Avon" Syphon Action), 611 E Lombard, Baltimore, Md.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbus Brass Co. ("Met-All"), 538 Dublin av, Columbus, O.
See adv index at end of book
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y
Crane Co. (Regular Plumbing), 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co. (R. R. Car), Dayton, O.
Dececo Co., 157 High, Boston, Mass.
Detroit Plumbing Supply Co., 617 Mack av, Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa
Fords Porcelain Works, Perth Amboy, N. J.
Fort Pitt Supply Co., 332 2d av, Pittsburgh, Pa.
Gaylord Sanitary Mfg. Co. ("Auto-Silent"), El Dorado, Texas
Haas Philip Co. ("Haas" Frost Proof), Dayton, O.
Haines Jones & Cadbury Co. ("Frosto," Frost Proof), 1136 Ridge av, Phila., Pa.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hess Chas. Co. ("Hess" for Export), 96 Wall, New York
Hussey W. H. & Son, 148 W 35th, New York

WATER CLOSET MFRS.—continued
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Imperial Brass Mfg. Co. ("Watrous Duojet), 1200 W Harrison, Chicago, Ill.
See adv index at end of book

WATROUS DUOJET CLOSETS
THE IMPERIAL BRASS MFG. CO.
CHICAGO

Jackson Potteries Co. ("Ultimate"), Fulton bldg, Pittsburgh, Pa.
Kelly Thos. & Bros. (Self-Acting & "Kelly" Seat Action), 404 S Kolmar av, Chicago, Ill.
Kline M. L. Co. ("Epulso"), 84 Front, Portland, Ore.
Kohler Co., Dept. H, Kohler, Wis.
Kretschmer Mfg. Co., Dubuque, Ia.
McCambridge Co., 315 N 20th, Phila., Pa.
Maddock's Thos. Sons Co., Trenton, N. J.
Meyer-Sniffen Co, 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Nason Mfg. Co., 71 Fulton, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo
Nunn Brass Works ("Genesee" Automatic), Rochester, N. Y.
Pacific Sanitary Mfg. Co., 67 New Montgomery, San Francisco, Cal.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co. (Combination), New Haven, Conn.
Peerless Selling Co., Evansville, Ind.
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Rumsey L. M. Mfg. Co., 4372 Westminster, St. Louis, Mo.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Sanitas Mfg. Co. ("Regal," "Crown," "Easton," "Hub," "Rex," "Rex-Crescent," "Kineo"), 105 Washington, Boston, Mass
Sherwood Brass Wks. ("Maxco" Seat Operated), Detroit, Mich.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Speakman Supply & Pipe Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Teachen Jas. M., 43 Fort W Detroit, Mich.
Penn & 32nd, Pittsburgh, Pa.
Trenton Potteries Co., Trenton, N. J
Van Arnam Mfg. Co., ("Van-Ar-Co" Low-Down & High Tank Combination), Fort Wayne, Ind.
Vannevar Edmund B. & Co. (Yacht), 85 Atlantic av, Boston, Mass.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.
Walls Owen & Stambach Co., ("Naturo"), 11th & Hamilton, Phila., Pa.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co., ("Clean-Out"), Wheeling, W. Va.
Wolf Mfg. Co., 255 N Hoyne av, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

16672—Water Closet Range

See also Water Closets, School, Institution, etc.

Clow James B. & Sons (Syphon Jet), Franklin & Harrison, Chicago, Ill.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Haines, Jones & Cadbury Co. ("Syphon," "Education," "Brighton"), Open Range and Washout), 1136 Ridge av, Phila. Pa.
Hyde, Clinton, 592 Clinton av, Albany, N. Y.
Lewis & Davis, 412 E 31st, Kansas City, Mo.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co. (Pneumatic Syphon Hopper Latunes), 10th & Chestnut, St. Louis, Mo.
Standard Sanitary Mfg. Co. (Automatic Syphon Jet), Bessemer bldg., Pittsburgh, Pa.

16673—Water Closets (Anti-Freezing)

Dayton Mfg. Co., Dayton, O.
Haas Philip Co. ("Haas"), Dayton, O.
Haines Jones & Cadbury Co. ("Frosto"), 1136 Ridge av, Phila., Pa.
I. X. L. Pump & Mfg. Co. ("I. X. L."), Automatic Low Down), 957 N 9th, Phila., Pa.
Kelly Thos. & Bros. ("Kelly" Seat Action after Flush), 404 S Kolmar av, Chicago, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut St. Louis, Mo.
Pittsburgh Brass Mfg. Co. ("Pittsburgh"), Penn & 32d, Pittsburgh, Pa.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Raub Supply Co., Lancaster, Pa.
VOGEL JOSEPH A. CO., 1203 Lombard, Wilmington, Del.
Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.
WEISKITTEL A. & SON CO. ("Jack Frost"), 12th & E Lombard, Baltimore, Md.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

16674—Water Closets (Car)

Crane Co. (Flushing), 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Duner Co. ("Duner" Enameled Iron), 101 S Clinton, Chicago, Ill.

16675—Water Closets (Low-Down Combination)

American Sanitary Wks., Washington, N. J.
Becker Mfg. Co., Marietta, O.
Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.
Bowlus Mfg. Co. ("Jewel"), Springfield, O.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Detroit Plumbing Supply Co., 617 Mack, Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Eblinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Fort Pitt Supply Co. ("Morus"), 332 2d av, Pittsburgh, Pa.
Haines Jones & Cadbury Co. ("Hojoca"), 1136 Ridge av, Phila., Pa.
Hogan Mfg. Co., 74 Grove, Hartford, Conn.
Hydraulic Specialty Co., 427 Walnut, Phila., Pa.
I. X. L. Pump & Mfg. Co. ("I. X. L." Anti-Freezing), 957 N 9th, Phila., Pa.
Johns-Manville Inc., Madison av & 41st, New York
Kelly Thos. & Bros, 404 S Kolmar av, Chicago, Ill.
Kretschmer Mfg Co. ("Faultless" Double Flush), Dubuque, Ia.
McCambridge Co., 315 N 20th, Phila., Pa.
Mann Mfg. Co., 17 West Park Way, N S, Pittsburgh, Pa.
Muchenhirm C. H. Closet Co., Detroit, Mich.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peerless Selling Co., Evansville, Ind.
Pittsburgh Brass Mfg. Co. ("Bak-Push"), Penn & 32nd, Pittsburgh, Pa.
Quinn Mfg. Co., Detroit, Mich.
Raub Supply Co., Lancaster, Pa.
Sherwood Brass Wks. ("Maxco" Seat Operated), Detroit, Mich.
Teahen Jas. M. ("Vitro"), 43 Fort, W. Detroit, Mich.
Van Arnam Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.

16676—Water Closets (School, Institution, Etc.)

See also Water Closet Range

Adee Fred Co., 3 Cliff, New York
Aird-Don Co., Troy, N. Y.
American Foundry & Furnace Co. (Iron Closet), Bloomington, Ill.
American Sanitary Works ("B. O. T."), Washington, N. J.
Automatic Chemical Closet Co. ("Auto-Kem-Clo." Vitreous China. Chemical), 1417 Wash. av, N Minneapolis, Minn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Douglas Jno. Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Kelly Thos. & Bros. ("Kelly" Seat Action), 404 S Kolmar av, Chicago, Ill.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Raub Supply Co., Lancaster, Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Van Arnam Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.
VOGEL JOSEPH A. CO., 1203 Lombard, Wilmington, Del.

16677—Water Closets (Ship)

Bishop's Wm. Sons, 18 James, New York
Curtiss J. H. Co., 2 South, New York
Jenkins Mfg. Co., Bloomfield, N. J.
Kelly Thos. & Bros., 404 S Kolmar av, Chicago, Ill.
Laughlin Thos. Co., Portland, Me.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Sands Alfred B. & Son Co., 20 Vesey, New York
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.

16678—Water Columns or Stations (Railroad)

See also Tanks & Towers, Steel; also Cranes Locomotive Water

American Valve & Meter Co. ("Poage's"), Cincinnati, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Fairbanks, Morse & Co. ("Sheffield," Automatic), 900 S Wabash av, Chicago, Ill.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Nelson Joseph E. & Sons, 3240 S Michigan av, Chicago, Ill.
PITTSBURGH-DES MOINES STEEL CO., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Snow T. W. Construction Co. (Engineers & Bldrs.), 117 N Dearborn, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

16679—Water Columns (Plain)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Bordo L. J. Vo. (Inc.), ("Bordo"), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Haydenville Co., Haydenville, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Steam & Water Gauge), 55 John, New York
National Tube Co., Frick bldg, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Steigert L. Co., Logan & Elder, Cincinnati, O.
Walworth Mfg. Co., Boston, Mass.

16680—Water Columns (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Berry Engng. Co. ("Berry"), Chester, Pa.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Binghamton Machine Works ("Turner"), Binghamton, N. Y.
Buckeye Iron & Brass Works, Dayton, O.
Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Huyette Paul B. Co., 5H S 18th, Phila., Pa.
Jarvis Engine & Machine Works ("Jarvis," "Our Pet"), Lansing, Mich.
Kelly & Jones Co. (Combination), 135 Water, Pittsburgh, Pa.
Kitts Mfg. Co., Oswego, N. Y.
Lawler Regulator Co., 55 W Houston, New York
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Vigilant" Combination), Executive Offices & Factories Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nason Mfg. Co., 71 Fulton, New York
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Reliance Gauge Column Co. ("Reliance"), Cleveland, O.
"S-C" Regulator Mfg. Co., Fostoria, Ohio
Stigert L. Co. ("Sims," "U. S." Water Indicator), Logan & Elder, Cincinnati, O.
Williams Gauge Co. ("Williams" High & Low Alarm), 543 4th av, Pittsburgh, Pa.
Wright-Austin Co. ("Wright" Alarm), 315H Woodbridge W, Detroit, Mich.

16681—Water Cooling Apparatus

Baker Ice Machine Co., Omaha, Neb.
Blaw-Knox Co, Freeport rd, Hoboken, Pa.
Cooling Tower Co., Inc., 15 John, New York
Wheeler C. H. Mfg. Co., Lehigh & 13th, Phila., Pa.

16681a—Water Cooling Towers

Cooling Tower Co., Inc., 15 John, New York

16681b— Water (Distilled)

Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Acid & Heavy Chemicals Div., Wilmington, Del.
See adv index at end of book

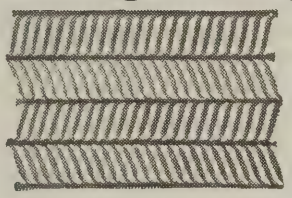
16682—Water Distilling Apparatus

Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*
Jewell Polar Co., 24 S Clinton, Chicago, Ill.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
United Iron Works, Inc., Kansas City, Mo.

You Run No Risk with this line

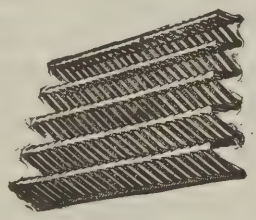
The qualities of a good fireproofing material are the result of years of study and experience. The best satisfaction is therefore secured by buying a known, dependable line. Before purchasing write for prices.

Herringbone Rigid Metal Lath



This lath offers many desirable features—rigidity, uniformity, wider stud spacing, and true economy in time, labor and plaster.

Trussit



Trussit is a corrugated expanded sheet, which forms the base and reinforcement for plaster walls and partitions. It eliminates the use of studding.

G. F. Self-Sentering



This combined reinforcing material and form decking for concrete floors, roofs and walls fills every need for speed, economy and permanence in building.

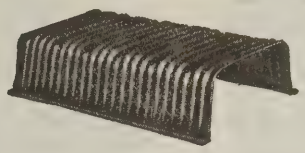
G. F. Steel Lumber

Used instead of wood for joists and studs in floor and partition work. For safety, economy and fireproofing it is ideal.

G. F. Peds

Peds, as "spot grounds" for attaching wood or metal trim to walls and sleepers to concrete floors save time, labor and material.

G. F. Steel Tile



These are light steel forms of various depths for use with concrete in joisted floor construction. They offer unusual economy combined with strength.

G. F. Waterproofings

G. F. No. 10—Integral waterproofing Paste.
G. F. No. 11—Integral waterproofing Powder.
G. F. No. 17—Mop Coating.
G. F. No. 18—Waterproofing Felt.
G. F. No. 21—Saturated Fabric.
G. F. No. 16—Foundation Brush Coating.
G. F. No. 15—Trowel Coating.
G. F. No. 220—Stainproof Stove Blacking.
G. F. No. 200—Dampproofing Coating.
G. F. No. 100—Colorless Waterproofing.
G. F. No. 101—Brick and Cement Coating.
G. F. No. 250—Mastic Cement.
G. F. No. 145—Crystalox.
G. F. No. 140—Concrete Hardener.
G. F. No. 400—Bonding Compound.
G. F. No. 99—Acidproofing.
G. F. No. 155—Floor Enamel.
G. F. No. 300—Steel Coating.
G. F. No. 325—Protective Coating.
G. F. No. 350—Galvanized Iron Coating.
G. F. No. 160—Wood Floor Preservative.

The above is only a small part of the G. F. Fireproofing Line. Every item is produced to give maximum satisfaction at lowest possible cost. Write for prices and literature.

G. F. Fireproofing Materials

The General Fireproofing Company

YOUNGSTOWN, OHIO

BRANCHES—Syracuse, Chicago, Boston, Milwaukee, Kansas City, Minneapolis, San Francisco, Philadelphia, Omaha, New York, Baltimore, Cleveland, Atlanta, Los Angeles, Buffalo.

Dealers in all Principal Cities.

16683— Water Gas Apparatus

Gas Engineering Co., Trenton, N. J.
Improved Equipment Co. (Blue Water Gas Plants for Industrial Plants), 60 Wall, New York
Lebanon Boiler Works, Lebanon, Pa.
Missouri Fire Brick Co. (Linings), Security bldg, St. Louis, Mo.
WESTERN GAS CONSTRUCTION CO. (Plants for Industrial Plants), 1431 Buchanan, Fort Wayne, Ind.

Water Gates

See Valves, Gate, for Water Mains

16683a—*Waterproof Cloth

Stanley Wm. W. (Also Fireproof), 50 Church, New York

16684—Waterproof Wrapping (Cloth Lined)

Angier Mills ("Keepdry"), Ashland, Mass.

16685—Waterproofing (Boot, Shoe or Leather)

Commercial Chemical Co. ("X. L. N. C."), 212 Essex, Boston, Mass.
Viscol Co., Cambridge, Mass.

16686—Waterproofing (Cloth)

Bendus J. V. & Co., 17 South, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
Lehon Co., 4451 S Oakley av, Chicago, Ill.
See adv index at end of book
Price Fire & Waterproofing Co. ("Price" Fabrics of All Kinds), Poughkeepsie, N. Y.
Stowe & Woodward Co., Brockton, Mass.

Waterproofing Compounds

See Waterproofing Materials

16687—Waterproofing Materials

See also Paints, Damp Resisting

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
American Cold Japan Co. (Paint), Pittsburgh, Pa
American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
American Mfg. Co. ("Conrad's" Concrete & Cement), 114 Plymouth av N, Minneapolis, Minn.
American Roofing Co. (Paint), Kansas City, Mo.
American Wood Preserving Co. ("Antiseptine," "Darnk Dam" Brick & Stone), 1351 N Branch, Chicago, Ill.
Antakwa Co. ("Antakwa" Colorless), 212 N Jefferson, Chicago, Ill.
Anti-Hydro Waterproofing Co. ("Anti-Hydro"), 9 Orchard, Newark, N. J.
Anti-Stick Co. ("Anti-Damp"), Westerville, O.
Antox Paint Co. (Paint), Indianapolis, Ind.
Aquabar Co. ("Aquabar"), 844 Widener bldg, Phila., Pa.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Atlas Co. (Damp Proofing Compounds), Lincoln, N. J.
Barber Asphalt Paving Co. ("Positive Seal"), Land Title bldg, Phila., Pa.
Barrett Co. ("Hydronon" Paint), 17 Battery pl, New York
Becker-Moore Paint Co. (Paint), 2d & Soulard, St. Louis, Mo.
Billings Chapin Co. ("Driwal"), 1163 E 40th, Cleveland, O.
BINSWANGER B. & CO. (Paint), 329 N 3d, Phila., Pa.
Bird & Son ("Neponset," "Parine" Paint), East Walpole, Mass.
Bitu-Mortar Waterproofing Co. (Cement Products), 332 E 27th, New York
Blood T. L. & Co. ("Blood's" Cement-Concrete Coating), 413 Wacouta, St. Paul Minn.
Boydell Bros. White Lead & Color Co., 432 E Lafayette, Detroit, Mich.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Cabot Sam'l (Inc.) (Brick, Stone & Cement), 141 Milk, Boston, Mass.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
See adv index at end of book
Century Mfg. Co. ("Century"), 272 W Genesee, Buffalo, N. Y.
Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
Chemical Products Co., 30 Charles River rd, Boston, Mass.
Chatfield Mfg. Co. ("Carbo" Black Enamel, Paint), Carthage, Cincinnati, O.
Commercial Chemical Co. ("X. L. N. C."), 212 Essex, Boston, Mass.
CONCRETE WATERPROOF PAINT CO. (Colorless Liquid Compound, "Kling Koat" Coating, "Hydroseal" Dampproofing), 329 N 3d, Phila., Pa.
See adv index at end of book
Continental Products Co., Quebec av, Cleveland, O.
Cuirass Products Ltd., 1128 World bldg, New York
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.

WATERPROOFING MATERIALS—cont.

Detroit Graphite Co. ("Anti-Aqua"), 10 12th, Detroit, Mich.
Devoe & Raynolds Co. Inc., ("Devoe"), 101 Fulton, New York
Dexter Bros. Co. ("Petrifax" Damp Resisting Coating), 105 Broad, Boston, Mass.
Doggett Stanley (For Cement Work), 11 Cliff, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite" Cement), Des Moines, Ia.
Flexible Compound Co., 3607 Haverford av, Phila., Pa.
Flexner-Taylor Co., Ltd. ("Taylor Hydro-Litic"), 786 East B'way, South Boston, Mass.
Flintkote Co. ("Plastic"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co. (Paint), 5334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co. (Paint), 3206 Penn av, Pittsburgh, Pa.
French Sam'l H. & Co. (Paint), 4th & Callowhill, Phila., Pa.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Garden City Sand Co. (Paint Dealers), Chamber of Commerce bldg, Chicago, Ill.
General Fireproofing Co., Youngstown, O.
Glidden Co. ("Glidden's" Waterproof Concrete & Cement Floor Dressing), Madison av & Berea rd, Cleveland, O.
Grote Geo. W. & Co., 430 E 102nd, New York
Heath & Milligan Mfg. Co. (Cement Coating), 1833 Seward, Chicago, Ill.
Hercules Waterproof Cement Co. ("Hercules," Compound for Tunnels, Roofs, etc.), Buffalo, N. Y.
Hettrick Mfg. Co., Toledo, O.
Horn A. C. Co. (Symentrex & Dehydrating), Horn bldg, Long Island City, N. Y.
Hunkins-Willis Lime & Cement Co. (Dirs.), Century bldg, St. Louis, Mo.
Hydrated Lime Bureau, Arrott bldg, Pittsburgh, Pa.
Hydrex Felt & Engineering Co. ("Hydrex" Felt, Cloth & Burlap), 120 Liberty, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Imperial Paint Co. ("Impaco"), 80 10th, Long Island City, N. Y.
Imperial Water Proof Co. ("I. W. P." Compounds), 105 W. Monroe, Chicago, Ill.
Insulation Co. Inc. (A compound for any purpose), 190 Culver av, Jersey City, N. J.
Insulite Chemical Co. ("Insulite"), Aurora, Ill.
Integral Waterproofing Co. ("Integral" for Cement), 80 Front, New York
Ironite Co. ("Ironite" for Concrete, Brick & Stone), 111 W Wash, Chicago, Ill.
Jamestown Paint & Varnish Co. ("Aqua-Nit"), Jamestown, Pa.
Johns-Manville Inc. ("Aquadam" Felts, Fabrics, Cements, Coatings, etc.), Madison av & 41st, New York
Koppers Co. ("Koppax"), Union Arcade, Pittsburgh, Pa.
Lamson John S. & Bro., 347 Madison av, New York
Lehon Co. (Paint), 4451 S Oakley, Chicago, Ill. *See adv index at end of book*
Lowe Bros. Co. (Paint), Dayton, O.
McHenry-Millhouse Mfg. Co. (Paint), South Bend, Ind. & Fulton, N. Y.
Malmed A. T. & Co. ("Quickstone"), Penn Square bldg, Phila., Pa.
Masonry Waterproofing Co. (Larutan System), 307 Herkimer, Brooklyn, N. Y.
Minwax Co. ("Minwax"), 18 E 41st, New York
Mitchell-Rand Mfg. Co., 18 Vesey, New York
Monarch Paint Co. (Paint), W 70th, Cleveland, O.
Monitor Oil Co. ("Ferro Tex"), Cleveland, O.
Mound City Paint & Color Co. (Paint), 11th & Mullanphy, St. Louis, Mo.
Munns E. A. Kalsomine Co. (Paint), 217 Fulton, Brooklyn, N. Y.
National Roofing Co. ("Retaw," "Stuckote"), Tonawanda, N. Y.
Neuchatel Asphalte Co., 79 Tompkins, New York
Nevin T. H. Co. (Paint), Island & Preble, Pittsburgh, Pa.
New Jersey Paint Works (Paint) (Louderbough, Hy, Prop), Wayne, Jersey City, N. J.
North Jersey Paint Co. ("Edison" Paint), Stewartville, N. J.
Ohmlac Paint & Refining Co. (Paint), 140 S Dearborn, Chicago, Ill.
Parker C. H. Co., Valparaiso, Ind.
Parker, Preston & Co. (Brick & Stone), Norwich, Conn.
Patton Paint Co. ("Cementhide"), Milwaukee, Wis.
Pioneer Asphalt Co., Lawrenceville, Ill.
Preservative Products Co. ("Esco," 1133 B'way, New York
Price Fire & Water-Proofing Co. ("Price" for Fabrics, also for Cement, Concrete & Brick), Poughkeepsie, N. Y.
Protexol Corp, 41 Barclay, New York
Rezilite Mfg. Co. ("Rezilite" Damp Coat), Peoples Gas bldg, Chicago, Ill.
Richmond Bros. ("Cemeline"), 616 Main, Cincinnati, O.
Rinald Bros. Paint Works Inc., Gray's Ferry Road & Grove, Phila., Pa.
Robeson Preservo Products Co. ("Preservo"), Port Huron, Mich.
Sandusky Cement Co. ("Medusa" Cement), Engineers' bldg, Cleveland, O.
Sandusky Cement Co. ("Medusa"), Engineers' bldg, Cleveland, O.
Schwenker W. M. (Compounds), 342 E 92d, New York
Semet-Solvay Co. ("Solvay," Concrete Coating), Syracuse, N. Y.
Sherwin-Williams Co. (Paint), Cleveland, O.
Sicilian Asphalt Paving Co. ("Siastex," An Asphalted Textile), 41 Park row New York
Sonneborn L. Sons ("Cemcoat," "Hydrocide," Damp Proofing), 262 Pearl, New York
Southwestern Paint & Varnish Co. (Paint), Kansas City, Mo.
Standard Paint Co. ("Impervite"), 233 Broadway, New York
Stanley Wm. W., 50 Church, New York
Storm Waterproofing Corp. (Watertite Paste"), 417 5th av, New York
Street J. D. & Co. (Paint), 41st & Park, St. Louis, Mo.
Suydam M. B. Co. (Paint), 61st & Butler, Pittsburgh, Pa.
Texas Company ("Texaco"), 17 Battery pl, New York *See adv index at end of book*
Thompson & Co. (Bondkote"), 857 W North av, N S, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., (Concrete Waterproof Paints), 329 N 3d, Phila, Pa. *See adv index at end of book*
Toch Bros. ("Toxemont," Powder, and Self-Healing Bridge Cement, 320 5th av, New York
Tropical Paint & Oil Co. ("Tropical" Paint), W 70th, Cleveland, O.
Truscon Laboratories ("Fibrotex"), Cuniff & G. T. R. R., Detroit, Mich.
U. S. Gutta Percha Paint Co. (Paint), 12-30 Dudley, Providence, R. I.
Universal Coatings Corp. ("Maritimo"), 114 Broad, New York
Vitrifix Co. ("Dehydratine" & Symentrex" Liquid Concrete), 133 W Washington, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State" Brick & Cement Coating), 141 Federal, Boston, Mass.
Waterproof Paint Co. (Paint), Watertown, Mass.
Waterproofing Co. (For Cellar, Subways, Reservoirs, Tunnels, etc), 345 E 33d, New York
Wearcrete Engineering Co. (For Concrete), H, Peoples Gas bldg, Chicago, Ill.
Western Elaerite Roofing Co., Denver, Colo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wolf-Jacques & Co., Passaic, N. J.
Zibell Damp Resisting Paint Co. ("Alkacene" Waterproof Portland Cement, Liquid Concrete, Lime, Mortar & Plaster), 191 Culver av, Jersey City, N. J.

16687a—Waterproofing Materials (For Concrete)

American Mfg. Co., Plymouth av, N, Minneapolis, Minn.
Arabol Mfg. Co., 100 William, New York
Cuirass Products Ltd., 1128 World bldg, New York
Horn A. C. Co., Horn bldg, Long Island City, N. Y.
Ironite Co., 111 W Wash, Chicago, Ill.
Malmed A. T. & Co., Penn Square bldg, Phila., Pa.
Price Fire & Water Proofing Co., Poughkeepsie, N. Y.
Rezilite Mfg. Co. ("Rezilite"), Peoples Gas bldg, Chicago, Ill.
Schlueter M. L., 225 W Illinois, Chicago, Ill.
Standard Paint Co., 233 B'way, New York
Thompson Wood Finishing Co., 329 N 3rd, Phila., Pa. *See adv index at end of book*
Toch Bros., 320 5th av, New York
Warren Chemical & Mfg. Co., 17 Battery pl, New York

16688—Water Purifying & Filtering Apparatus

Devine J. P. Co., Buffalo, N. Y.
Goulds Mfg. Co., Seneca Falls, New York
See adv index at end of book
Graver Corp., East Chicago, Ind.
GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*
Hill Pump Valve Co., 4001-21 Belmont av, Chicago, Ill.
Hungerford & Terry Inc., H, Penn bldg, Phila., Pa.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Jewell Polar Co., 24 S Clinton, Chicago, Ill
New York Continental Jewell Filtration Co., Nutley, N. J.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Warriner Mfg. Co., Fort Wayne, Ind.

16689—Water Softening & Purifying Apparatus

American Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
Cochrane H. S. B. W. Corp. ("Cochrane"), 3147 N 17th, Phila., Pa.
Compound Injector & Specialty Co. ("Rehn's" for Water Backs, Coils, Heaters, etc), 419 N Laramie av, Chicago, Ill.
Des Moines Refining Assay Co., Des Moines, Ia.
Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
Dover Boiler Works (To Order). Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Corp. ("Bartlett Graver"), East Chicago, Ind.
Hammond Engineering Co., Warren, Pa.
Hungerford & Terry ("Hungerford"), Penna. bldg, Phila., Pa.
International Filter Co. (Feed Water), 38 S Dearborn, Chicago, Ill.
Jewell Polar Co., 24 S Clinton, Chicago, Ill.
Leigh & Butler ("Archbutt-Deeley" System), 232 Summer, Boston, Mass.
New York Continental Jewell Filtration Co., Nutley, N. J.
Northern Water Softener Co., Madison, Wis.
Patterson D. W. ("Bachman"), Harrison blk, Phila., Pa.
Permutit Co., 440 4th av, New York
Pittsburgh Filter & Engng. Co., 619H Farmers Bank bldg, Pittsburgh, Pa.
Power Plant Specialty Co. ("Vater" Hot Process), Monadnock blk, Chicago, Ill.
Refinite Co., Omaha, Nebr.
Reisert Automatic Water Purifying Co., 23 E 26th, New York
Richmond Water Softener Co. ("Fetta"), Hot or Cold Process, also for Domestic Use), Richmond, Ind.
Roberts Filter Mfg. Co., Darby, Pa.
Russell-Kinkaid Co., 140-146 W Austin av, Chicago, Ill.
SCAIFE WM. B. & SONS CO. ("Scaife" & "We-Fu-Go" Systems), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Snow T. W. Const. Co. (Engineers & Bldrs), 117 N Dearborn, Chicago, Ill.
Standard Water Systems Co. "Tripure"), Hampton, N. J.
Wallace & Tiernan Co., Inc., 349 B'way, New York
Warriner Mfg. Co., Fort Wayne, Ind.

Water Stations (Railroad)

See Water Columns or Stations, Railroad

Water Supply (Air Pressure)

See Lifts, Air; also Pneumatic Water Supply Systems

16690—Water Supply Systems

Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md.
See adv index at end of book
Burnett-Larsh Mfg. Co. ("Duro"), Dayton, Ohio
Chicago Pump Co. (Automatic Electric Pneumatic For Domestic Water Supply), 2342 Wolfrom, Chicago, Ill.
See adv index at end of book
Dayton Pump & Mfg. Co., Dayton, O.
DEMING CO. ("Atlas," "Marvel," "Climax"), Salem, O.
See adv index at end of book
Domestic Engine & Pump Co., Shippensburg, Pa.
Economy Pumping Machinery Co. (Automatic Electric), 112 Curtis, Chicago, Ill.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Ft. Wayne Engng. & Mfg. Co. ("Paul"), Ft. Wayne, Ind.
Goulds Mfg. Co., Seneca Falls, New York
See adv index at end of book
Harris Pump & Supply Co., 320 2d av. Pittsburgh, Pa.
Kalamazoo Pump Co., Kalamazoo, Mich.
Kewanee Private Utilities Co. "Kewanee," Pneumatic), West Side, Kewanee, Ill.
Leader Iron Works, Decatur, Ill.
Milwaukee Air Power Pump Co., 886 3rd, Milwaukee, Wis.
Murphy & Walsh, Pekin, Ill.
MYERS F. E. & BRO. ("Myers," "Myers Hydro-Pneumatic," "Myers Electric" Electric House & "Myers" Self Oiling Power Water Systems), 900 Fourth, Ashland, O. *See adv index at end of book*
National Utilities Corp., W Bellview place, Milwaukee, Wis.
Pittsburgh-Des Moines Steel Co., 804 Curry bldg, Pittsburgh, Pa.
See adv index at end of book
Sloan Sam'l & Co. ("Sloan's Superior"), Rochester, N. Y.
Southern Auto & Machinery Co., 116 Roberts av, St. Louis, Mo.
Standard Pump & Engine Co. ("Standard" Pumping Engines), Akron, O.
Swanstrom Mfg. Co., Hammond, Ind.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
Valle-Kimes Co., Dayton, O.

Weber Subterranean Pump Co. ("Weber" Compressed Air System Operated), 50 E 42d, New York

16691—Water Towers (Fire Boat)

Woodhouse Mfg. Co. ("Woodhouse"), 64 W B'way, New York

16692— Water Wheels

See also Turbine Water Wheels

Blymyer Iron Works Co. (Over Shot), Cincinnati, O.
Fitz Water Wheel Co., Hanover, Pa.
Hallidie Company, Spokane, Wash.
See adv index at end of book
Knight & Co. (100 to 2,500 H. P.), Sutter Creek, Cal.
Leffel Jas. & Co., East St. Springfield, Ohio
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Salem Fdry & Machine Works, Salem, Va.
Savage W. J. Co., Knoxville, Tenn.
Smith S. Morgan Co. ("Smith," "McCormick" & "Success"), York, Pa.
See adv index at end of book
Squier Geo. L. Mfg. Co. ("Buffalo" Overshot, Undershot & Breast), B'way & Mortimer, Buffalo, N. Y.
Trump Mfg. Co., Springfield, O.
Tuerk Water Motor Co., 172 W Washington, Chicago, Ill.
United Iron Works ("Tuthill"), Oakland, Cal.
Walker Mfg. Co. ("Pelton" Type), Denver, Col.
Wellman-Seaver-Morgan Co., Cleveland, O.
See adv index at end of book
Wolf Co. ("Wolf," "Keiser"), Chambersburg, Pa.
Worthington Pump & Machinery Corp., 115 Broadway, New York
See adv index at end of book

16692a—*Water Works Supplies

See also Gas & Water Work Supplies

S. E. T. Valve & Hydrant Co., 56 Church, New York *See adv index at end of book*

16692b—Watertight Bells, Buzzers & Push Buttons

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl, New York
See adv index at end of book

16693—*Watthour Meters (Prepayment, Recording)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16694— Wattmeters

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Duncan Electric Mfg. Co. ("Duncan" Direct & Alternating Current), Lafayette, Ind.
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Esterline Co. ("Esterline," Recording), Indianapolis, Ind.
Federal Electric Co. ("Willis"), 625 W Lake, Chicago, Ill.
Fort Wayne Electric Works of General Electric Co. (Induction), Fort Wayne, Ind.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Helio Mfg. Co. ("Bastian," Electrolytic Meter), 2530 N Broad, Phila., Pa.
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Kilo Electric Meter Co. ("Kilo"), Indianapolis, Ind.
Roller Smith Co. ("Roller-Smith" Portable & Switchboard), 233 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Watthour" Portable Lamp Testing Volt-Wattmeter, etc), East Pittsburgh, Pa. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
Western Electro Mechanical Co., Oakland, Cal.

16695— *Wattmeters (Prepayment, Recording)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

16696— Wax (Bayberry)

Bromund E. A. Co., 288 B'way, New York
Clark F. C., 316 Kinzie, Chicago, Ill.
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Stevenson Bro. & Co., 110 Race, Phila., Pa.

Wax (Bees)

See Beeswax

16697— Wax (Cabinet)

Bowdlear W. H. Co. (Waxes from all countries), 69 Broad, Boston, Mass.
Brown D. P. & Co. (Jobbers), 264 N 4th, Phila., Pa.
Stevenson Bro. & Co., 110 Race, Phila, Pa.
Walton F. S. Co., Orthodox & Delaware, Phila., Pa.

16697a— *Wax (Candelilla)

Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book

16698— Wax (Carnauba)

American Trading Co., 25 Broad, New York
Ayres, Bridge & Co. (Japanese), 200 Summer, Boston, Mass.
Behrend F., 170 Front, New York
Clark F. C., 316 Kinzie, Chicago, Ill.
Columbia Wax Works, 749 E 17th, New York *See adv index at end of book*
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Francesconi J. C. & Co. (Imp), 23 Beaver, New York
General Commercial Co., Ltd. of U. S. (Imp.), 295 B'way, New York
Hirsch Adolph & Co. (Imp), 63 Park Row, New York
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York *See adv index at end of book*
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols (Imp.), 121 Maiden la, New York
Standard Wax & Import Co. (Imp.), 95 William, New York
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Strahl & Pitsch (Imp.), 141 Front, New York
Whittemore-Wright Co. (Imported), Charlestown, Boston, Mass.

16698a— Wax (Ceresin)

Bauer Philip Co., 25 W Broadway, New York
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
KERN COMMERCIAL CO. (Imp.), 115 Broad, New York

16699—Wax (Dry Battery)

American Trading Co., 25 Broad, New York
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Cochrane Chemical Co., 221 Randolph av, Jersey City, N. J.
Dicks-Pontius Co., Dayton, O.
Dielectric Mfg. Co., 224 Vanderventer av, St. Louis, Mo.
Insulating Co., 1 B'way, New York
Insulating Materials Co. (& Storage), 805H Wesson av, Detroit, Mich.
Lamson John S. & Bro., 347 Madison av, New York
McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
See adv index at end of book
Mineraliac Elec. Co., 1045 Washington blvd, Chicago, Ill.
Mitchell-Rand Mfg. Co., 18 Vesey, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Standard Asphalt & Rubber Co., 208 S La Salle, Chicago, Ill.
Standard Paint Co., 233 B'way, New York
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Trotter E. T. & Co., 602 Johnson av, Brooklyn, N. Y.
Zinsser Wm. & Co., 195 William, New York

16699a—Wax (Electrotypers')

Cantol Wax Co., Dept. H, Bloomington, Ind.

Wax Heads & Fixtures

See Names in Window Display Fixtures with the Words Wax-Figures Following their Name

16700—Wax (Insulated Wire)

American Wax Co., 10 High, Boston, Mass.
Empire Oil Works, Oil City, Pa.
Mitchell-Rand Mfg. Co., 18 Vesey, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York
Standard Wax & Import Co. (Imp.), 95 William, New York
Strahl & Pitsch (Imp.), 141 Front, New York

16701— Wax (Japan)

Bird J. A. & W. & Co. (Imp.), 88 Pearl, Boston, Mass.
Clark F. C., 316 Kinzie, Chicago, Ill.
Francesconi J. C. & Co. (Imp), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Lathrop H. B. & Co., 116 Beekman, New York
Mitsui & Co. Ltd. (Imp. Vegetable), 65 Broadway, New York
Morningstar Chas. & Co., Inc. (Imp.), 349 B'way, New York
National Aniline & Chemical Co., Inc. (Imp.). 21 Burling Slip, New York
Stevenson Bro. & Co., 110 Race, Phila., Pa.

16702— Wax Melter & Dropper (Electric)

KERN COMMERCIAL CO. (Imp.), 115 Broda, New York
Vulcan Electric Heating Co. ("Vulcan" for Sealing Packages, etc), 107 W 13th, New York

16702a— Wax (Montan)

Bauer Philip Co., 25 W B'way, New York
Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York
See adv index at end of book
KERN COMMERCIAL CO. (Imp.), 115 Broad, New York
Scheel Wm. H., 159 Maiden la, New York
See adv index at end of book
Schiemans Oil & Ceresine Co. (Imp.), 25 Beaver, New York

16703—Wax (Ozokerite, Importers)

Bromund E. A. Co. 288 Broadway, New York
Chrystal Charles B., 18 Cliff, New York
See adv index at end of book
Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York
See adv index at end of book
Kern Commercial Co., 115 Broad, New York
National Aniline & Chemicals Co., Inc., 21 Burling slip, New York
Salomon L. A. & Bro., 216 Pearl, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York
Strahl & Pitsch, 141 Front, New York

16704— Wax (Paraffine)

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
Advance Oil Co., Oil City, Pa.
American Trading Co., 25 Broad, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Bell Oil Corp., 111 Broad, New York
Borne, Scrymser Co., 80 South, New York
Canfield Oil Co., 3210 E 55th, Cleevland, O.
Clark F. C., 316 Kinzie, Chicago, Ill.
Clark Fred G. Co., 1081 W 11th, Cleveland, O.
Crystal Oil Works (Crude Scale), Oil City, Pa.
Eberhardt J. P. & Co., 15 William, New York
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Fergusson Alex. C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
Francesconi J. C. & Co., 23 Beaver, New York
Freedom Oil Works, Freedom, Pa.
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Indian Refining Co., 244 Madison av, New York
Jacob Chas. W. & Allison (Imp. Crude & Refined), 18 Cedar, New York
Kendall Refining Co., Bradford, Pa.
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
Loos & Dilworth, 134 S Front, Phila., Pa.
MacKormack Co. (Jobbers), Roberts bldg, Tulsa, Okla.
Manufacturers' Parafine Co., Chester, Pa.
Monitor Oil Co., Cleveland, O.
National Refining Co., Rose bldg, Cleveland, O.
Ohio Cities Gas Co., Columbus, Ohio
Penn American Refining Co., Oil City, Pa.
Pennsylvania Parafine Works, Titusville, Pa.
Petrolia Refining Co., Petrolia, Pa.
Pure Oil Co., Lafayette bldg., Phila., Pa.
SCHEEL WM. H. (Jobbers), 121 Maiden la, New York *See adv index at end of book*
Smith & Nichols (Imp.), 121 Maiden la, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Parowax" Refined), 555 W 25th, New York
Standard Oil Co. of Ohio, 1400 State av, Cincinnati, O.
Standard Wax & Import Co. (Imp.), 95 William, New York
Strahl & Pitsch (Imp.), 141 Front, New York
Sun Co., Finance bldg, Phila., Pa.
TEAS COMPANY, 17 Battery pl, New York
See adv index at end of book
Tidewater Oil Co. (Refined & Scale), 11 B'way, New York
Union Petroleum Co. (White & Yellow), Widener bldg, Phila., Pa.
United Refining Co., Warren, Pa.
Waverly Oil Works Co. (Refined), 54th, Pittsburgh, Pa.

Wax Polish (Floor Finish)

See Floor Polish, Hard Wax

16705— Wax (Sealing)

American Pitch Co., 414 Water, Cincinnati, O.
American Trading Co., 25 Broad, New York
Bowdlear W. H. Co., 69 Broad, Boston, Mass.
Browne M. C., Holyoke, Mass.
Chamberlain & Johnson, 1238 Voskamp, Pittsburgh, Pa.
Clark F. C., 316 W Kinzie, Chicago, Ill.
Davids Bros., Inc., 79 Cortlandt, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dicks-Pontius Co. ("Zubian," "Pontius Pure" for Fruit Jars, etc), Dayton, O.
Edwards Bros., Milton, Mass.
Insulatine Co. ("Gyite," Insulating & Sealing), 1 B'way, New York
Keller Robt. Ink Co., 1441 Bklyn, Detroit, Mich.
Mitchell-Rand Mfg. Co. (Insulating & Sealing), 18 Vesey, New York
Princeton Sealing Wax Co., Princeton, Ill.
Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Stronmeyer & Arpe Co. (Insulating & Sealing), 139 Franklin, New York
Trotter E. T. & Co. (Insulating), 602 Johnson av, Brooklyn, N. Y.
Zinsser Wm. & Co., 195 William, New York

16706— Wax (Shoemakers')

Dennehy Bros., Brockton, Mass.
Dicks-Pontius Co., Dayton, O.
Hauthaway C. L. & Sons, 346 Congress, Boston, Mass.
Holt, Jared Co., Albany, N. Y.
Martin-Dennis Co. ("Kromoid"), 159 Summer av, Newark, N. J.
Scheel Wm. H., 159 Maiden la., New York
See adv index at end of book
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Whittemore Woodbury Co., Charlestown, Boston, Mass.
Will & Baumer Co., Syracuse, N. Y.

16707— Wax (Soft Metal)

Gardner Machine Co., Beloit, Wis.

16708—Wax Tailings & Scale Wax

Admiral Petroleum Co., 215-16 Bessemer bldg, Pittsburgh, Pa.
See adv index at end of book
American Trading Co., 25 Broad, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Canfield Oil Co., 3210 E 55th, Cleveland, O.
Clark F. C., 316 Kinzie, Chicago, Ill.
Craig Oil Co. (Scale Wax), Toledo, O.
Emery Mfg. Co. (Scale Wax), Bradford, Pa.
Empire Oil Works (Scale Wax), Oil City, Pa.
Independent Refining Co., Ltd. (Scale Wax), Oil City, Pa.
Nat'l Refining Co., 1400 E 9th, Cleveland, Ohio
Penn American Refining Co. (Scale Wax), Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Prudential Oil Corp., 17 Battery pl, New York
Standard Oil Co. of N. J. (Refined & Crude), 26 B'way, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Sun Co., Finance bldg, Phila., Pa.
Tidewater Oil Co., 11 B'way, New York
Union Petroleum Co. (Scale Wax), Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.

16709-10— Wax Tapers

Cathedral Candle Co., Syracuse, N. Y.
Columbia Way Works ("Never Drip," "Eagle"), 751 E 137th, New York
Houchin Thos. W. Co. ("Houchin's" Gas Lighters), 36 E 12th, New York
Marty F. & Co., Syracuse, N. Y.
St. Louis Candle & Wax Co., 208 S First, St. Louis, Mo.
Smith & Nichols, 121 Maiden Lane, New York
Will & Baumer Co., Syracuse, N. Y.

16711-2— Weaners (Calf)

Barbee Wire & Iron Wks. ("Hoosier," "Shaw"), 111 W Washington, Chicago, Ill.
Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.
Decatur Novelty Works ("Hill") Decatur, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Holthaus Saddlery Co. ("Perfection"), 1440 N 6th, St. Louis, Mo.
Imperial Bit & Snap Co. ("Kant-Suck"), Racine, Wis.
Pratt Wm. E. Mfg. Co. ("Tylers"), 35 W Lake, Chicago, Ill.
Quinn Wire & Iron Works ("Shaw's" & "Diamond"), Boone, Ia.
Wagner Specialty Co. ("Kant Suk"), Burlington, Wis.

Weather Boarding (Iron & Steel)

See Roofing & Siding Iron & Steel

16713— Weather Strips

All-Metal Weatherstrip Co., 126 W Kinzie, Chicago, Ill.
American Metal Weather Strip Co., Grand Rapids, Mich.
Angell Co. (Metal), Penobscot bldg., Detroit, Mich.
Athey Co. ("Athey" Cloth Lined Metal), 124 W 24th, Chicago, Ill.
Bosley D. W. Co. ("Atlas," "Bosley's" Felt, Rubber, Metallic Rubber, Metallic Railway, etc), 122 S Michigan av, Chicago, Ill.
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Bronze Weather Strip Co., 134 Milk, Boston, Mass.
Brown A. B. Co., 405 Lexington av, New York
Chamberlin Metal Weather Strip Co. (Metallic), 109 3rd av, Detroit, Mich.
Champion Metal Weather Strip & Parting Bead Co. ("Champion" Metallic), 12 Columbia, Boston, Mass.
Chicago Metal Weather Strip Co. (Metal), 1617 N Troy, Chicago, Ill.
Church E. I. & Co. ("Axtell," All Steel), W Hanover, Mass.
Dennis W. J. & Co. ("Dennis" Clincher Felt, Rubber, etc), 2120 W Lake, Chicago, Ill.
Diamond Metal Weather Strip Co. ("Diamond" Flexible Metal), Columbus, O.
Durametal Weather Strip Co., 226 W Madison, Chicago, Ill
Edwards O. M. Co., Inc. (For Car Windows), Syracuse, N. Y.
Federal Metal Weather Strip Co., 1238-1250 Fullerton av, Chicago, Ill.
Fil-Bac Screen Corp. ("Fil-Bac"), H, Circle, Rochester, N. Y.
Ford Mfg. Co. ("Ford's" Air Tight), Holyoke, Mass.
Freeman Chas. A. Mfg. Co. ("Invisible"), 294 Washington, Boston, Mass.
Frost Railway Supply Co. ("Detroit," Metal for Cars, etc), Penobscot bldg, Detroit, Mich.
Harsha L. R. Mfg. Co., 2010 Carroll av, Chicago, Ill.
Heaton S. W., 1802 Chestnut, Phila., Pa.
Henry Airtight Weather Strip Co. (Rubber Lined Wood), Crawfordsville, Ind.
Higgin Mfg. Co. (Metallic), Newport, Ky.
Inlaid Floor Co., 600 Alabama, San Francisco, Cal., & 4067 Watts, Emeryville, Cal.
Introstile Mfg. Co. (Metal O. K.), Marietta, O.
Kane Mfg. Co. (Kane Quality), Kane, Pa.
Kohler Die & Specialty Co. (Wool Stuff), DeKalb, Ill.
McCord Mfg. Co. (For Car Windows), 2587 E Gd blvd, Detroit, Mich.
Metropolitan Weather Strip Co., 117 Chambers, New York
Michigan Engine Valve Co. ("Golden"), 437 Columbia, Detroit, Mich.
Monarch Metal Weather Strip Co. (Metal), 5020 Penrose, St. Louis, Mo.
National Supply & Mfg. Co. (Metallic), 2362 Palm, St. Louis, Mo.
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Niagara Metal Weather Strip Co. ("Peace" Metallic), 33 W Tupper, Buffalo, N. Y.
Osgood H. H. & Co., 4 Wash'n, N, Boston, Mass.
Pittsburgh Air Tight Metal Door Sill Co. (Metal Air Tight), Liberty & Short, Pittsburgh, Pa.
Prince W. O., 26 Edinboro, Boston, Mass.
Protective Ventilator & Screen Corp., 332 E 23rd, New York
Pullman Metal Weather Strip Co., Kane, Pa.
Robbins Mfg. Co. ("Acme" All Metal), 1815 N Central Park av, Chicago, Ill.
Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.
Schouler Cement Construction Co. (Weather Strip & Sliding Door Guide), 154 Frelinghuysen av, Newark, N. J.
Spencer R., Hearst Bldg, San Francisco, Cal.
Stanfield M. B., 535 Tusculum av, Cincinnati, O.
Tabor Sash Fixture Co. ("Tabor," Metallic), 69 Polk, Newark, N. J.
Tyler Mfg. Co. (Wind Shield), 64 Pearl, Boston, Mass.
Willer Mfg. Co. (Metal), Milwaukee, Wis.

16714-15— Weather Vanes

Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
Barnum E. T. Wire & Iron Works, 564 Woodward, Detroit, Mich.
Broad Gauge Iron Works, 77 Broad, Boston, Mass.
Canton Art Metal Co., Canton, O.
Cushing L. W. & Son ("Waltham"), Waltham, Mass.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Fiske J. W. Iron Works, 111 Park pl, New York
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Henis Wm. G. Sons & Co., 1347 Ridge av, Phila., Pa.
Hum & Leatherman, 103 Market, Pittsburgh, Pa.
Jones Thomas W. (Also Dial), 163 Maiden la, New York
Milwaukee Corrugating Co., Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.
See adv index at end of book
National-Standard Co. ("National," "Diamond"), Box 211, Niles, Mich.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Raub Supply Co., Lancaster, Pa.
Reyburn-Hunter-Foy Co., 315 B'way, Cincinnati, O.
Royal Steel Products Co. (Steel, Bronze), 1440 B'way, New York
St. Louis Lightning Rod Co., De Kalb & Trudeau, St. Louis, Mo.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Security Lightning Rod Co., Burlington, Wis.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Snow W. A. Iron Works, Inc., 19 Portland, Boston, Mass.
Stolz Jos. & Son, Inc., 841 E 136th, New York
Washburne Edw. G. & Co. 207 Fulton, New York

16716— Webbing (Cotton)

Acorn Web Mills, North Wales, Pa.
Adamson Joseph & Co., Columbia & Gtn. av, Phila., Pa.
American Mills Co. (Narrow), Waterbury, Conn.
American Multiple Fabric Co. (Multiple Woven), 183 Hartford av, Providence, R. I.
Am. Textile Banding Co. Inc., Belfield av & Wister, Phila., Pa.
Ansonia O. & C. Co., Ansonia, Conn.
Barber Mfg. Co., Lowell, Mass.
Barlow John W. Co. (Also Linen, Jute & Worsted), Lawrence, Mass.
Bilger Nicholas Webbing Co. (Also Worsted, Linen & Jute), 2636 N Hutchinson, Phila., Pa.
Brockton Webbing Co. (For Shoe Straps), Brockton, Mass.
Buffalo Weaving & Belting Co. (Belting, Halters, Girths, Bridles, Back Bands, Trunk Straps, etc), Buffalo, N. Y.
Chadbourne & Moore (Shoe & Gaiter), Chelsea, Mass.
Columbia Narrow Fabric Co. (Also Silk & Mercerized), Shannock, R. I.
Columbus Mfg. Co., Columbus, Miss.
Couch Bros. Mfg. Co. (Narrow), Atlanta, Ga.
Dyer Chas. N. (Narrow), Haverhill, Mass.
Empire Mfg. Co. (Also Deckle for Paper Mills), Lockport, N. Y.
Everlastik Inc., 395 B'way, New York
Fleig L. L. & Co., 212 W Austin av, Chicago, Ill. *See adv index at end of book*
Franklin Cotton Mill Co. (Narrow), Plum & Charles, Cincinnati, O.
Georgia Webbing & Tape Co., Dept. H, Columbus, Ga.
Hamilton Web Co. (Boot, Shoe, Gaiter, Name, etc), Hamilton, R. I.
Harley J. S., Quakertown, Pa.
Hesse Mfg. Co. (Narrow), Valley Falls, R. I.
Higrade Belting & Weaving Co., Paris, Newark, N. J.
Hoffman, De Witt & McDonough Co., Cheltenham, Pa.
Hope Webbing Co. (Narrow Woven Fabrics), 1005 Main, Providence, R. I.
International Braid Co. (Narrow), 47 Charles, Providence, R. I.
Landers Bros. Co., Toledo, O.
Mallison Braided Cord Co., Athens, Ga.
Mason J. S. & Sons (Narrow), Westboro, Mass.
Moore & Burgess Webbing Co. (Narrow), Concord Junction, Mass.
Narrow Fabric Corp., New Haven, Conn.
New Hampshire Artistic Web Co., Barnstead, N. H.
Rockland Webbing Co. (Narrow), Rockland, Mass.
Russell Mfg. Co., Middletown, Conn.
Sidmar, Inc. (Overall Suspenders, etc.), Chelsea, Mass.
Springfield Webbing Co., Springfield, Mass.
Star Webbing Works (Shoe Strapping & Narrow), Brockton, Mass.
Sullivan J. & Sons Mfg. Co. (Narrow), 2224 N 9th, Phila., Pa.
Susquehanna Webbing Co., Bloomsburg, Pa.
Waban Webbing Co. (Heavy), 683 Atlantic av, Boston, Mass.
Westboro Weaving Co. (Narrow), Westboro, Mass.
Windsor Webbing Co. (Super Tapes, Braids, Vienna Elastic), Pawtucket, R. I.
Workman H. B. Co., Lititz, Pa.
Young J. B., J. & Levick, Phila., Pa.

16717— Webbing (Elastic)

Acorn Web Mills, North Wales, Pa.
Adamson Joseph & Co., Columbus & Gtn. av, Phila., Pa.

American Mills Co. (Narrow), Waterbury, Conn.
Ansonia O. & C. Co. (Suspender), Ansonia, Conn.
Boston Gore & Webb Co. (Suspender, Corset, Truss & Bandage), Chelsea, Mass.
Chadbourne & Moore, Chelsea, Mass.
Christ Bros. Mfg. Co., 1303 Buttonwood, Phila., Pa.
Colton Geo. S. Elastic Web Co. (Garter, Surgical, etc), Easthampton, Mass.
Columbia Narrow Fabric Co., Shannock, R. I.
Conant & Co. (Suspender, etc), Littleton, Mass.
Connecticut Web & Buckle Co. (Suspender, Belt, Garter, etc), Bridgeport, Conn.
Everlastik, Inc. (For Artificial Limbs, Bandages, Boots & Shoes, Corsets, Garters, Suspenders, & Truss Mnfrs.), 395 B'way, New York
Glendale Elastic Fabrics Co. (Goring, Garter, etc), Easthampton, Mass.
Greenway A. M. Co. (Bandage, etc), Chelsea, Mass.
Holmes O. H. (Knit, for Women's Corsets), Conshohocken, Pa.
Howard Mfg. Co., 97 Monument, Boston, Mass.
Lapworth Webbing Co. (Garter, Suspender, etc), Brockton, Mass.
Lapworth Wm. & Sons (Narrow), Milford, Mass.
Narrow Fabric Corp. (Narrow), New Haven, Conn.
National Web Co. (Suspender, etc), 263 Linden av, Jersey City, N. J.
Nealon Jno. J. & Co., Bayonne, N. J.
Pentucket Narrow Fabric Mills (Garter, Shoe, Suspender, etc), Lowell, Mass.
Rockland Webbing Co. (Narrow), Rockland, Mass.
Russell Mfg. Co., Middletown, Conn.
Springfield Webbing Co. (Surgical, etc), Springfield, Mass.
Taylor Thos. & Sons, Hudson, Mass.
Woodside Mfg. Co., 210 Sylvin, Newark, N. J.
Ziegler A. & Sons Co. (Suspender), 1257 Columbus av, Boston, Mass.

16718—Webbing (Upholsterers')

Fibro Mfg. Co. (Cane), 9th & Chestnut, Phila., Pa.
Landers Bros. Co., Toledo, O.
Ludlow Mfg. Associates (Jute), 111 Devonshire, Boston, Mass.
Magee Carpet Co., 230 5th av, New York
Susquehanna Webbing Co. (Jute), Bloomsburg, Pa.

16719—*Wedges (Armature)

Am. Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del. *See adv index at end of book*

16720— Wedges (Axe)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Ransome Concrete Machinery Co., Dunellen, N. J.
Sawyer Belt Hook Co., Pawtucket, R. I. *See adv index at end of book*
Warren Tool & Forge Co., Warren, Ohio *See adv index at end of book*

16721— *Wedges (Armature)

Delaware Hard Fibre Co. (Fibre), Wilmington, Del. *See adv index at end of book*

16722— Wedges (Foundry)

STERLING WHEELBARROW CO., Milwaukee, Wis.
Stevens Frederic B., 3d & Larned, Detroit, Mich. *See adv index at end of book*

16723— Wedges (Handle)

Sawyer Belt Hook Co., Pawtucket, R. I. *See adv index at end of book*
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

16724—Wedges (Journal Bearing)

Hill Clutch Co., W 65th, Cleveland, O.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

16725—Wedges (Journal Box)

Cleveland City Forge & Iron Co. (Drop Forged), Cleveland, O.
Commercial Drop Forge Co., Warren, Pa.
Hill Clutch Co., W 65th, Cleveland, O.
McCord & Co., 122 S Michigan av, Chicago, Ill.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Steel Car Forge Co. (Drop Forged), Frick bldg., Pittsburgh, Pa.
Union Spring & Mfg. Co., New Kensington, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Western Tool & Forge Co., Brackenridge, Pa.

16726— Wedges (Lead)

Lawrence Shot & Lead Co., Omaha, Neb.
United Lead Co., 111 B'way, New York

16727— Wedges (Saw)

American Logging Tool Co. (Steel), Evart, Mich.

16728— Wedges (Socket)

Black Jno. B. Co. ("Brady's," with Ring), Chester, Pa.

16729— Wedges (Steel)

Beall Bros, Alton, Ill.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Collins Co., Collinsville, Conn.
Evansville Tool Works (Coal, Wood Choppers, Falling Stone, etc), Evansville, Ind.
Hardsocg Mfg. Co., Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co. (Woodchoppers, Falling, Stave Tie, Saw, Stone, Coal, etc), 13th & Breed, Pittsburgh, Pa.
Lanz M. Bolt Co., 2907H Carson, Pittsburgh, Pa.
Leetonia Tool Co. The, Leetonia, O. *See adv index at end of book*
McInnes Steel Co. (Ltd.) (Woodman's), Corry, Pa.
Oliver Iron & Steel Co. (All Kinds), S 10th & Muriel, Pittsburgh, Pa.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa. *See adv index at end of book*
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Pratt Wm. E. Mfg. Co. (Axe), 35 W Lake, Chicago, Ill.
Prouty C. & Co. (Cross Cut Saw), Eldred, Pa.
Ransome Concrete Machinery Co. (Woodchoppers, etc.), Dunellen, N. J.
Sawyer Belt Hook Co. (Joint), Pawtucket, R. I. *See adv index at end of book*

SAWYER BELT HOOK CO.
Pawtucket, R. I.
AXE, HATCHET AND HAMMER
WEDGES



Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Trow & Holden Co. (For Quarry Work), Barre, Vt.
Vulcan Tool Mfg. Co. (For Quarry Work), Quincy, Mass.
Warren Tool & Forge Co. (Woodchoppers), Warren, O. *See adv index at end of book*

WEDGES



The Warren Tool & Forge Co.
Warren, Ohio, U. S. A.

Warwood Tool Co. (Wood Choppers, Coal Miners' Saw, etc.), 19th, Warwood, Wheeling, W. Va.
What Cheer Tool Co., What Cheer, Ia.
Woodruff Walter W. & Sons Co. (Axe), Mount Carmel, Conn.

16730—Wedges (Tool Post)

Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Williams J. H. & Co. (Also Rings, Drop Forged), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

16731— Wedges (Treenail)

Bachelder & Co., 234 Mt. Vernon, Lowell, Mass.
Hoskins J. S. Lumber Mfg. Co. (Pine & Oak), Md. Casualty Tower, Baltimore, Md.
Nashua Spool & Bobbin Co. (Oak), Grove Hall Station, Boston, Mass.
United States Bung Mfg. Co., 50 S 2d, Brooklyn, N. Y. Factory: Cincinnati, O.

16731a— Wedges (Wooden, for Various Purposes)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*

Decker Moulding & Mfg. Co. (Slot Wedges for Electrical Purposes), 9th & Monroe, St. Louis, Mo.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Sawyer Belt Hook Co., Pawtucket, R. I. *See adv index at end of book*
South Bend Dowel Wks., South Bend, Ind.

16732— Weeders

Aspinwall Mfg. Co., Jackson, Mich.
Babcock Mfg. Co., Leonardsville, N. Y.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bridgewater Plow Corp. ("Superior," Corn Thinner & Weeder), Bridgewater, Va.
Brinly Hardy Co. (Riding & Walking), Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Burch Plow Works Co., Crestline, O.
California Plow Co. (Disc), 140 Polhenus, San Jose, Cal.
Cleveland Lawn Weeder Co., 1426 W 3rd, Cleveland, O.
Cutaway Harrow Co., Higganum, Conn.
Dunham Co., Berea, Ohio
Eureka Mower Co. (Walking & Riding), 16 Hickory, Utica, N. Y.
Genung C. W., Madison, O.
Greenville Implement Co., Greenville, Mich.
Janesville Machine Co., Janesville, Wis.
Keystone Machine Co. (Straight Bar or Adjustable, Walking or Sulky), York, Pa.
Lean Roderick Mfg. Co. ("Roderick Lean" Riding and Walking), Mansfield, O.
Lovejoy C. H. Chaplet Co., Cambridge, N. Y.
Munnsville Plow Co. (With Tubular Steel Frame), Munnsville, N. Y.
National Drill Co., Cambridge City, Ind.
North Wayne Tool Co., Hallowell, Me.
Rockford Mfg. Co., Rockford, Ill.
Taylor Mfg. Co. ("Jimmey"), Canton, O.
Thornburgh Mfg. Co. ("Toledo"), Bowling Green, O.
Washington Weeder Works, Walla Walla, Wash.
Wiard Plow Co. (Adjustable), Batavia, N. Y.

16733— Weeders (Garden)

See also Hooks, Weeding

Allen S. L. & Co. ("Firefly" & "Planet Jr."), 15th & Glenwood, Phila., Pa.
Barker Mfg. Co., David City Neb
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Buffum Tool Co. ("Swastika"), Weeders & Transplanters), South Side, Louisiana, Mo.
Clark W. J. Co. ("Rapid-Easy"), Salem, O.
Donaldson Bros. (Beet), Mount Clemens, Mich.
Fletcher Terry Co. (Hand), Forestville, Conn.
Genung C. W., Madison, O.
Keystone Machine Co. (Adjustable), York, Pa.
Kohler F. E. Co. (Dandelion Spud), Canton, O.
Mason F. C. & Co., St. Johns, Mich.
Norcross C. S. & Sons ("Norcross," "Midget" 3 Prong), Bushnell, Ill.
North Wayne Tool Co. ("Lefavour's Favorite"), Hallowell, Me.
Union Fork & Hoe Co. (Hand), Columbus, O.
Western Steel & Iron Works (Beet Weeders), De Pere, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

16734—Weighers (Feed Water)

Dover Boiler Works, Sales Office: 40 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Tyler Underground Heating System ("Tyler"), 855 Progress, Pittsburgh, Pa.
Willcox Engineering Co. ("Willcox" Automatic), 1525 Holland av, Saginaw, Mich.

16735-6-7 — Weighers, Loaders & Baggers (Grain)

Advance-Rumely Thresher Co., La Porte, Ind.
Advance Thresher Co., Battle Creek, Mich.
Buffalo Pitts Co., Buffalo, N. Y.
Hart Grain Weigher Co. ("Glendale" Bagger "Hart" "Hart Junior" "Perfection" Dakota "Peoria" & "Simplex" Weighers & Loaders), Peoria, Ill.
Huber Mfg. Co., Marion, O.
Minneapolis Threshing Machine Co. (Baggers), Hopkins, Minneapolis, Minn.
Nichols & Shepard Co. (Weighers, Baggers & Loaders), Battle Creek, Mich.
Ohio Road Machinery Co. (Baggers), Oberlin, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rumley Leo Tractor Co. ("Advance," "Gear-Scott," "Rumely"), La Porte, Ind.
Westinghouse Co. (Weighers), Schenectady, N. Y.

16737a—*Weighing Apparatus (Ehrhardt's)

MacLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book

16738—Weights (Elevator)

Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Central Foundry Co., Fort Wayne, Ind.
De Ved & Sons Sash Weight Co. (Lead, also Dumb Waiter) 807 S Howard, Baltimore, Md.
Kings County Iron Foundry Inc., Gardner av & Meserole, Brooklyn, N. Y.
Levering Mfg. Co. (Also Bridge), 1210 Ky. Highway, Baltimore, Md.
Los Angeles Fdry Co., Los Angeles, Cal.
Standard Foundry Co., Buffalo, N. Y.
Torsion Balance Co., 92 Reade, New York

16739— Weights (Hitching)

Barber Mfg. Co., Ashtabula, O.
Burr Co., Champaign, Ill.
Cheney S. & Son, Manlius, N. Y.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Donaldson Bros., Mount Clemens, Mich.
Gowanda Agricultural Wks., Gowanda, N. Y.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
South Bend Foundry Co., South Bend, Ind.
Sperry D. R. & Co., Batavia, Ill.
Torsion Balance Co., 92 Reade, New York
Weller Hardware & Foundry Co., Horseheads, N. Y.
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Withers Foundry & Machine Works, Atlanta, Ga.

16739a—Weights (Hydraulic)

Fulton Iron Works Co., St. Louis, Mo.
See adv index at end of book

16740— Weights (Lead)

Los Angeles Fdry. Co., Los Angeles, Cal.
Torsion Balance Co., 92 Reade, New York
United Lead Co. (Clock, Dress, Fish Net, etc.), 111 B'way, New York
U. S. INDUSTRUCTIBLE GASKET CO., Church & Fulton, New York.
See adv index at end of book

16740a—Weights (Precision)

Becker Christian Inc., 92 Reade, New York
Kohlbusch Herman Sr. Inc. (Gramme, Troy & Grain), 149 New York av, Jersey City, N. J.

16741—Weights (Telephone Cord)

K. & B. Co., 497 N 3d, Phila., Pa.

16742—*Weirs (Recording & Totalling Registers For)

SIMPLEX VALVE & METER CO., 110 N Broad, Phila., Pa.

16743—Welding (Autogenous)

Air Reduction Sales Co. (Oxyacetylene Equipments), 120 B'way, New York
American Metal Fusing & Cutting Co. ("Oxy-Acetylene Apparatus"), 104 Hunter av, Long Island City, N. Y.
American Oxygen Co. ("Oxy-Acetylene"), Perry bldg, Phila., Pa. Works: Camden, N. J.
Ballwood Co., The, 30 Church, New York
See adv index at end of book
Blaw-Knox Co. (Oxy-Acetylene), Freeport rd, Hoboken, Pa.
Bossert Corporation, The, cor. Linden & West av, Utica, N. Y.
Braun J. G. (Oxygen Acetylene), 609 S Paulina, Chicago, Ill.
Brunswick Refrigerating Co. (Oxy-Acetylene, for the Trade), New Brunswick, N. J.
Carbic Mfg. Co., Duluth, Minn.
Cave Welding & Mfg. Co., 32 Liberty, Springfield, Mass.
Clausen N. C. Architectural Iron Co., Albany, N. Y.
Cox Brass Mfg. Co., Albany, N. Y.
Davis-Bournonville Co. (Plant Builders), Van Wagnen av, Jersey City, N. J.
Delcampe Welding Co. (Portable & Stationary Welding & Cutting Machines), Bridgeport, Conn.
Dyer G. H. Co., Cambridge, Mass.
Economy Welding Machine Co. (Oxy-Acetylene Plant Builders), Kansas City, Mo.
Fore River Shipbuilding Corp., Quincy, Mass.
Gallgher Machinery Co., Salt Lake City, Utah.
Gem Stamped Steel Co., Chelsea, Mass.
General Welding Co. ("Beltzer," Oxy-Acetylene, Oxy-Benzine), Hoboken N.J.
Giff Instrument Co. ("Zens"), Highland bldg, Pittsburgh, Pa.
Great Lakes Welding Co. (Oxy-Acetylene), 937 West, N. W., Cleveland, O.
Henderson-Willis Welding & Cutting Co. (Oxy-Acetylene Plant Builders), 2305 N 11th, St. Louis, Mo.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
See adv index at end of book
K. C. Generator Co. (Complete house lighting plants), Kansas City, Mo.
K.-G. Welding & Cutting Co., 556 W 34th, New York
Laclede Iron Works (Oxy-Acetlyene), 1547 N 9th, St. Louis, Mo.
Lebanon Boiler Works, Lebanon, Pa.
Linde Air Products Co., 30 E 42nd, New York
MacLeod Co. (Plant Mfrs.), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Metals Welding plant (Steel Products Co.), (Oxy-Acetylene Plant Builders), 4400 Perkins av, Cleveland, Ohio
Milburn Alexander Co., 1420 W Baltimore, Baltimore, Md.
Mueller Chas. R. & Sons, 539-543H Shelby, Detroit, Mich.
National Welding & Mfg. Co. (All Metals), Buffalo, N. Y.
National Welding & Mfg. Co., 527 W Jackson boul, Chicago, Ill.
Olson-Klopf Welding & Cutting Co. (Contractors), Seattle, Wash.
Oxweld Acetylene Co. (Oxy-Acetylene), 640 Frelinghuysen av, Newark, N. J.
Pipe Coiling, Bending & Welding Co., Arrott bldg., Pittsburgh, Pa.
Portland Co. (Oxy-Acetylene), Portland, Me.
Richmond Water Softener Co. (Contract Welding), Richmond, Ind.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
U. S. Welding Co. Inc., 155 Lafayette, New York
Vulcan Iron Works Inc. (Marine & Stationery), Hudson & Essex, Jersey City, N. J.
Waterhouse Welding Co. (Welding & Welding Equipment, 15 Pelham, Boston, Mass.
Welded Steel Barrell Corp. (Oxy-Acetylene), Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co. (Oxy-Acetylene), P. O. Box 386, Marion, Ind.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

16744— Welding (Electric)

American Electric Welding Co., 200 5th av, New York
American Fork & Hoe Co. (For Oven use), Swetland bldg, Cleveland, O.
American Tube & Stamping Co., Bridgeport, Conn.
American Welding & Mfg. Co., Warren, O.
Anniston Electric Steel Corp., Anniston, Ala.
Automatic Electric Welder Co. (Butt & Spot), 618 W Jackson blvd, Chicago, Acetylene Welding Steel Construction), Ill.
Best Co., Arrott bldg, Pittsburgh, Pa.
Blaw Knox Co. ("Knox" Electric & Freeport rd, Hoboken, Pa.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Bossert Corporation, The (Spot & Electric Arc), cor Linden & West av, Utica, N. Y.
Brunswick Refrigerating Co. (For the Trade), New Brunswick, N. J.
Columbiana Boiler Co., Columbiana, O.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Electric Welding Co., 2114 Superior Viaduct, Cleveland, O.
Federal Electric Welder Co. (Spot, Butt, Jump & Seam), Warren, Ohio
Flowers Welding & Cutting Co., Canton, O.
Geuder Paeschke & Frey Co., (Spot, Seam & Butt), 1314-1700 St. Paul av, Milwaukee, Wis.
Gem Stamped Steel Co., Chelsea, Mass.
Hagerstown Foundry & Machine Co., Hagerstown, Md.
Indianapolis Switch & Frog Co., Springfield, O.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kentucky Oxygen-Hydrogen Co., 1416 Magazine, Louisville, Ky.
Lebanon Boiler Works, Lebanon, Pa.
Lewis Electric Welding & Mfg. Co., Toledo, O.
Lincoln Electric Co., Cleveland, O.
Lincoln Rail Welding Co., Wilkinson bldg, Cleveland, O.
Maryland Metal Products Co., Hagerstown, Md.
Manitowoc Ship Building Co., Manitowoc, Wis.
Michigan Electric Welding Co., 514 Hart, Detroit, Mich.
Michigan Salt Works, Marine City, Mich.
Oakes Co. (Spot), Indianapolis, Ind.
Pipe Coiling, Bending & Welding Co., Arrott bldg, Pittsburgh, Pa.
Pittsburgh Metal Brazing Co., 2939 Smallman, Pittsburgh, Pa.
Pollak Steel Co. (Motor), Cincinnati, O.
Quasi Arc Weldtrobe Co., Inc., 107 Lafayette, New York
Rail Welding & Bonding Co. of Am., 2400 Woodland av, Cleveland, O.
Rubin Iron Works (Acetylene), Jacksonville, Fla.
Searles Electric Welding Wks., 817 W Washington Blvd, Chicago, Ill.
See adv index at end of book

ELECTRIC WELDING
SPOT WELDING, BUTT WELDING
STEEL PRODUCTS
Mfg. Sheet Steel and Wire Products
Wire Hoops, Wire Racks and Auto Visors
Searles Electric Welding Works
817 W. Washington Blvd.
Tel. Monroe 1806 CHICAGO, ILL.

Smith A. L., Iron Works (Spot to ⅛ Inch Thickness), Chelsea, Mass.
Standard Boiler Works, Seattle, Wash.
Standard Parts Co. (Job Welding), W 73rd, Cleveland, O.
Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.
Thomson Spot Welder Co., Lynn, Mass.
Union Switch & Signal Co., Swissvale, Pa.
U. S. Welding Co., Inc., 155 Lafayette, New York
Universal Electric Welding Co., 30 E 42d, New York
Vulcan Iron Works Inc. (Marine & Stationary), Hudson & Essex, Jersey City, N. J.
WELD-WIRE CO., 395 Christopher av, Brooklyn, N. Y.
Welding Material Co. (Materials), 114 Liberty, New York
Winfield Electric Welding Machine Co. ("Winfield" for Butt, Jump & Spot Welding), Warren, O.
Wood Jno. Mfg. Co., Conshohocken, Pa.
Worcester Pressed Steel Co. (Electric Spot), Worcester, Mass.

16745—Welding (Oxy-Acetylene)

Advance Welding Machine Co., 111 N Dearborn, Chicago, Ill.
American Boiler Welding Co., 301 N Halsted, Chicago, Ill.
Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Austin Welding Works, 555 W Quincy, Chicago, Ill.
Carbo Hydrogen Co. of Am., Benedum Trees bldg, Pittsburgh, Pa.
Clausen N. C. Architectural Iron Co., Albany, N. Y.
Comet Welder, 521 W Jackson, Chicago, Ill.
Cortland Welding Compound Co., Cortland, N. Y.
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Guyan Machine Shops, Logan, W. Va.
Kelker Blower Co. Inc., 2383 Fillmore av, Buffalo, N. Y.
See adv index at end of book
Lebanon Boiler Works, Lebanon, Pa.
Linde Air Products Co., 30 E 42nd, New York
Macleod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Milburn A. Alexander Co., 1420 W Baltimore, Baltimore, Md.
Scaife Wm. B. Sons & Co., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, Pa. *See adv index at end of book*
Standard Gas Products Co., Inc. (Supplies), Atlanta, Ga.
U. S. Welding Co., Inc., 155 Lafayette, New York
Valley City Welding & Mfg. Co., Valley City, N. D.
Weldcraft Equipment Co., 2501 Penn. av, Pittsburgh, Pa.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

16746—*Welding (Oxy-Hydrogen)

Electrolabs Co., 2635 Penn av, Pittsburgh,
See adv index at end of book

16747—Welding (Steam Flue)

Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Fix's S. Sons, Leonard & Winter, Cleveland, O.

16748—Welding (Thermit Process)

Hamilton Welding Mfg. Co., Hamilton, Ohio
METAL & THERMIT CORP., 120 B'way, New York
Thomasville Iron Works Inc. (For Locomotive Frames), Thomasville, Ga.

16748a—Welding & Cutting Apparatus (Electric)

Bastian-Blessing Co., 125 W Austin av, Chicago, Ill. *See adv index at end of book*
Electric Arc Cutting & Welding Co., 152H Jelliff av, Newark, N. J.
Ohio Brass Co. The, Mansfield, Ohio
See adv index at end of book
St. Paul Welding & Mfg. Co. ("Torit," Torches), 173 W 3rd, St. Paul, Minn.

16749—Welding & Cutting Apparatus (Oxy-Acetylene)

Admiral Welding Machine Co., Kansas City, Mo.
Advance Welding Machine Co., 111 N Desplaines, Chicago, Ill.
Air Reduction Sales Co., 120 B'way, New York
American Oxygen Co. ("Vulcan"), 2d & Elm, Cincinnati, O.



Welding and Cutting Outfits

REGO torches will not flash back.
REGO torches will not burn the weld.
REGO torches will not carbonize the weld.
REGO torches will make a better weld.
REGO torches will do a better cutting job.
REGO torches will give better service.

Saving in Oxygen Consumption, through the REGO principle of gas mixture, runs from $300 to $500 a year per torch in average service, as compared with others. Tip maintenance charges are reduced 90%.

The Bastian-Blessing Co.

125 W. Austin St. Chicago

Ashton, Laird & Co., 509 W 45th, New York
Atlas Welding Works, Rahway, N. J.
BASTIAN-BLESSING CO., 125 Austin av, Chicago, Ill. *See adv index at end of book*
Betts & Betts Corp. ("Betts" Arc & Spot), 513 W 42d, New York
Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Burdett Mfg. Co., 309 St. Johns ct, Chicago, Ill.
California Burdett Oxygen Co. ("Purox"), 52nd & Santa Fe av, Los Angeles, Cal.
Carbic Mfg. Co., Duluth, Minn.
Carbo Hydrogen Co. of America (Torches, Tips, Regulators, etc), Benedum Trees bldg., Pittsburgh, Pa.
Cave Welding & Mfg. Co. ("Weldco"), 32 Liberty, Springfield, Mass.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Cox Brass Mfg. Co. ("Cox"), Albany, N. Y.
Crowell Wm. Co., Van Horn & Central R R, Jersey City, N. J.
Davis-Bournonville Co., Van Wagenen av, Jersey City, N. J.
Delcampe Welding Co., Bridgeport, Conn.
Economy Welding Machine Co., Southwest blvd & Centre av, Kansas City, Mo.
Electrolabs Co., 2635 Penn av, Pittsburgh, Pa. *See adv index at end of book*
End-Oxy Appliance Co. ("Leaktite"), 29 N Willow, Trenton, N. J.
Federal Brass Works, 31st & Kedzie av, Chicago, Ill.
Fidelity Brass Mfg. Co., 1001 W Washington blvd, Chicago, Ill.
General Welding & Equipment Co., 107 Mass av, Boston, Mass.
General Welding Co. ("Ideal"), Hoboken, N. J.
Granite City Iron Wks. Co., St. Cloud, Minn.
Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.
Harris Calorific Co., 2828 Washington av, Cleveland, O.
Henderson-Willis Welding & Cutting Co., 2305 N 11th, St. Louis, Mo.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*

OXY-ACETYLENE APPARATUS
THE IMPERIAL BRASS MFG. CO.
CHICAGO

International Oxygen Co. (Dirs.), 796 Frelinghuysen av, Newark, N. J.
K.-G. Welding & Cutting Co., 556 W 34th, New York
Kentucky Oxygen-Hydrogen, Louisville, Ky.
MACLEOD CO., 2227 Bogen, Cincinnati, Ohio. *See adv index at end of book*
Messer & Co. ("Automat"), 121 N 7th, Phila. Pa.
Metal Welding & Supply Co., Denver, Col.
Metals Welding (Steel Products Co.), 4400 Perkins av, Cleveland, O.
Milburn Alexander Co. ("Milburn" Torches, etc.), 1428 W Baltimore, Baltimore, Md.
Modern Engng. Co. (Torches, etc.), 23rd & Walnut, St. Louis, Mo.
Oxweld Acteylene Co. (Oxweld), 640 Frelinghuysen av, Newark, N. J.
Oxy-Acetylene Appliance Co., Jersey City, N. J.
Oxy-Acetylene Equipment Co., 31 W 125th, New York
Prest-O-Lite Co. ("Prest-O-Lite"), Crawfordsville rd, Indianapolis, Ind.
Rail Welding & Bonding Co. of Am., 2400 Woodland av, Cleveland, O.
Schemmel Geo. C., Wapakoneta, O.
Searchlight Co., 2236 Lumber, Chicago, Ill.
Standard Gas Products Co. Inc. (& Hydrogen Gases), Atlanta, Ga.
Superior Oxy-Acetylene Machine Co., Hamilton, O.
Tolman Mfg. Co. ("Tolman"), 19 West Third, Boston, Mass.
Torchweld Equipment Co., 224 N. Carpenter, Chicago, Ill.
Turner Brass Works, Sycamore, Ill.
Twin City Welding Co., 313 7th av S, Minneapolis, Minn.
Varwig Mfg. Co., 120 Opera pl, Cincinnati, Ohio
Vulcan Auto Parts Co., 2128-30 Race, Phila., Pa.
Waterhouse Welding Co., 15 Pelham, Boston, Mass.
Weld Wire Co., 395 Christopher av, Bklyn, **N. Y.**
Weldcraft Equipment Co., 2501 Penn. av, Pittsburgh, Pa.

16750—Well Casings & Supplies

American Steel Pipe & Tank Co. (Riveted), 608 S Main, Los Angeles, Cal.
Chicago Well Supply Co., 228-232 W Ontario, Chicago, Ill.
Consolidated Pipe Co. (Riveted Steel), 2440 E 9th, Los Angeles, Cal.
Crane Co., 836 S Michigan av, Chicago, Ill. *See adv index at end of book*
Lacey Mfg. Co., 300 S Spring, Los Angeles, Cal.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Montague Pipe & Steel Co., bldg, San Francisco, Cal.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
WELD-WIRE, 395 Christopher av, Brooklyn, N. Y. *See adv index at end of book*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Well Supplies (Artesian & Tubular)

See Machinery, Well Drilling

16751— Welting (Shoe)

Brockton Welting Co., Brockton, Mass.
Fallon W. J., 34 Norfolk av, Boston, Mass.
Rockland Welting Co., Rockland, Mass.
Worcester Counter Co., Worcester, Mass.

16752— Whalebone

American Whalebone Co., 920 B'way, New York
National Whalebone Co., 25 W 45th, New York
Walohn Mfg. Co., 31 Union sq W., New York

Wharf Builders

See Dock Builders

16753—Wheel Truing Device

Ross Mfg. Co. ("Ross" For Precision Grinding), 3160 W 106th, Cleveland, O.
Taylor & Fenn Co., Hartford, Conn.

Wheelbarrows

See Barrows, Various Kinds

Wheels (Abrasive & Grinding)

See Emery & Corundum Wheel Mfrs.

16754— Wheels (Aeroplane)

Ackerman Wheel Co., Rockefeller bldg, Cleveland, O.
Dayton Wire Wheel Co., Dayton, O.
Hayes Wheel Co., Jackson, Mich.
Mott Wheel Works (Rims & Wheels), Jackson, Mich.
National Wheel Works, Inc., Geneva, N. Y.
Spranger Rim & Wheel Co. (Wire Wheels), 139 Beaubin, Detroit, Mich.
Stewart Wire Wheel Corp., Frankfort, Ind.

16754a—Wheels (Agricultural Implement)

See also Wheels, Metal

Commercial Shearing & Stamping Co. The (Furrow & Gong), Youngstown, O.
See adv index at end of book
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Geneva Metal Wheel Co., Geneva, O.
Little J. R. Metal Wheel Co., Quincy, Ill.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

16755—Wheels (Automobile)

Ackerman Wheel Co., Rockefeller bldg, Cleveland, O.
Bowman Carriage Co., Sacramento, Cal.
Budd Wheel Corp. (Wire & Steel), Lehigh av & 22d, Phila., Pa.
Central City Wheel Wks., Syracuse, N. Y.
Dayton Automotive Wheel Co. (Wood), Dayton, Ohio
Dayton Steel Fdry. Co. (Truck), Dayton, O.
Detroit Pressed Steel Co. (Disteel), 660 Mt. Elliott, Detroit, Mich.
Eberly & Orris Co., Mechanicsburg, Pa.
French & Hecht, Davenport, Ia.
Harris Chas. E., The, Easthampton, Mass.
Hayes Wheel Co., Jackson, Mich.
Hill-Smith Metal Goods Co. ("Minute" Demountable Wheels), 82 Brookline av, Boston, Mass.
Hoopes Bro. & Darlington (Inc.), West Chester, Pa.
Hydraulic Pressed Steel Co. (Pressed Steel), 3152 E 61st, Cleveland, O.
Imperial Wheel Co., Flint, Mich.
Kelsey Wheel Co., 1208 Military av, Detroit, Mich.
LAPIERRE H. M. CO., 1314 W 21st, Chicago, Ill. *See adv index at end of book*
Parker Wheel Co., 3778 E 78th, Cleveland, O.
Phelps Mfg. Co. ("Freyer" Wire Demountable), Columbus, O.
Prudden Wheel Co., Lansing, Mich.
Salisbury Wheel & Axle Co., Inc., Jamestown, N. Y.
Sewell Cushion Wheel Co., 1296 Gratiot, Detroit, Mich.
Stewart Wire Wheel Corp., Frankfort, Ind.
Williams Steel Wheel & Rim Co., Utica, N. Y.

16756-7—Wheels (Automobile Steering)

See also Gears, Automobile Steering

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
American Wood Rim Co. (Wood), Onaway, Mich.
Auto Wheel Co., Lansing, Mich.
Badger Mfg. Co., 313-317 Milwaukee, Milwaukee, Wis.
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Cox Aero Works, Bayonne, N. J.
Dill Mfg. Co. (Cocking, for Ford Cars), 684 E 82nd, Cleveland, O.
Halladay, L. P. Co., Streator, Ill.
LA PIERRE H. M. ("Dudie"), **CO.,** 1314 W 21st, Chicago, Ill.
Neville Steering Wheel & Mfg. Co., 139 Beaubien, Detroit, Mich.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Rastetter Louis & Sons, Fort Wayne, Ind.
Smith Wheel, Inc., Syracuse, N. Y.
Wadsworth Mfg. Co., Kercheval & Connors ck, Detroit, Mich.
Warner Gear Co., Muncie, Ind.

Wheels (Automobile Truck)

See Wheels, Metal

16758—Wheels (Baby Carriage)

Bay State Metal Wheel Co., East Templeton, Mass.
Burgess & Norton Mfg. Co. (Go-Cart Wheels), Geneva, Ill.
Chase L. C. & Co. ("Chase" Pressed Steel), 89 Franklin, Boston, Mass.
See adv index at end of book

16759—Wheels (Ball Bearing)

Burgess & Norton Mfg. Co. (For Invalid Chairs, Hospital Beds, etc), Geneva, Ill.
Gardner Sash Pulley Co. (For All Purposes), 15 N Jefferson, Chicago, Ill.
Harris & Reed (Sheave), 1500 W 15th, Chicago, Ill.
McCabe Hanger Mfg. Co., 426-428 W 25th, New York *See adv index at end of book*
Nice Ball Bearing Co. (Truck), 2925H Hunting Park av, Phila., Pa.
Pressed Steel Mfg. Co. ("Knipe" Small), Land Title bldg, Phila., Pa.

16760— Wheels (Barrow)

See also Wheels, Metal

ELECTRIC WHEEL CO. (Steel), Station D, Quincy, Ill.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Geneva Metal Wheel Co., Geneva, O.
JACKSON MFG. CO., Fourth & Boyd, Harrisburg, Pa.
See adv index at end of book
Mullins Body Corp., Dept. H, Salem, Ohio
Sterling Wheelbarrow Co. ("Sterling" Steel), Milwaukee, Wis.

16761— *Wheels (Belt)

Mesta Machine Co. (Steel), Box 1124, Pittsburgh, Pa. *See adv index at end of book*

16762— Wheels (Brake)

Dayton Malleable Iron Co. ("Perfect"), Dayton, O.
National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

16763— Wheels (Brass)

Buckeye Iron & Brass Works (Finished), Dayton, O.

16764—Wheels (Buffing & Polishing)

See also Buffing & Polishing Machines

Advance Platersi Supply Co., 125 W Illinois, Chicago, Ill.
Armstrong Cork Co. (Cork, for Polishing Glass), 24th & A. V. R. R., Pittsburgh, Pa.
Bacon Felt Co. ("Bacon" Felt), Winchester, Mass.
Bennett-O'Connell Co. (Canvass-Felt, Bull-Neck, etc), 3600 S Morgan, Chicago, Ill.
Besly Chas. H. & Co. (Hand Polishing), 120 N Clinton, Chicago, Ill.
Buchanan Thos. Co. (The), 29 W 3rd, Cincinnati, Ohio
See adv index at end of book
Burns E. Reed ("Acme" Pierced, "Victor" Sheepskin, "Champion" Canvas, "Eureka" Solid Leather, also Wool Felt Leatherine, Canvas, Bullneck, etc), 27 Jackson, Brooklyn, N. Y.
Chicago Wheel & Mfg. Co. ("Chicago," Leather, Sheepskin, Canvas, Muslin, etc.), 1101 W Monroe, Chicago, Ill.
Clizbe Bros. Mfg. Co., Plymouth, Ind.
Codman F. L. & J. C. Co. (Cotton), 15 Elkins S, Boston, Mass.
COMMONWEALTH FELT CO. (Jobbers), 74-78 Summer, Boston, Mass.
See adv index at end of book
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
CUTTER & WOOD SUPPLY CO., 274 Friend, Boston, Mass.
See adv index at end of book
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Divine Bros. Co. ("The Compress"), Utica, N. Y.
Eastern Felt Co. ("Independence," "U. S. A.," "X-L," "Victory," "Pearl," "Jewel"), Canal, Winchester, Mass.
Gardner Machine Co. ("Gardner" Band Polishing), Beloit, Wis.
General Platers' Supply Co. (Canvas & Bullneck), 489-493 Broome, New York
Hamilton Emery & Corundum Co., Chester, Mass.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Jackson Mills Emery Co. (Wood, Leather Covered, Sheepskin, Walrus, Canvas, Felt Paper Wheels, Buffs, etc.), Easton, Pa.
Keystone Emery Mills, 4325 Paul, Phila., Pa.
L'Hommedieu Chas. F. & Sons ("Reliance" Canvas, Sheepskin, etc.), 4521 Ogden av, Chicago, Ill.
Miller & Co. ("Walrine" Leather), 12 William, Newark, N. J.
Munning A. P. & Co., Matawan, N. J.
New England Buff Co., 101 Albany, Boston, Mass.
Nickel Adolph Mfg. Co., 715 Sycamore, Cincinnati, O.
Oriental Emery Co., New Haven, Conn.
Page Belting Co. (Leather Polishing), Concord, N. H.
Pfleghar Hardware Specialty Co. ("Peerless" Leather), New Haven, Conn.
Rickless A. & Co., Chelsea, Mass.
Rockwood Mfg. Co. (Paper), Indianapolis, Ind.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Grinding Wheel Co., Tiffin, O.
Stevens Frederic B. (Cotton Buffs), 3rd & Larned, Detroit, Mich.
See adv index at end of book
Stow Mfg. Co. Inc., Binghamton, N. Y.
See adv index at end of book
Thayer P. E. & Co., Pawtucket, R. I.
Tingue, Brown & Co., 118 E 25th, New York
Washington Mills Emery Mfg. Co., North Grafton, Mass.
Webb Mfg. Co. (Muslin), 245-247 N. J. RR av, Newark, N. J.
See adv index at end of book
Williamsville Buff Mfg. Co., Danielson, Conn.
Yorkville Mfg. Co. Inc. ("Pressto" Sheepskin), 31-33-35H B'way, B'klyn, N. Y.

16765— Wheels (Cable Reel)

Hallett Iron Works ("Hallett"), Harvey, Ill.

16766— Wheels (Car)

See aso Wheels, Mine Car

Albany Car Wheel Co., Albany, N. Y.
American Car & Foundry Co. (Chilled, etc), Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Steel Foundries ("Davis" Cast Steel), McCormick bldg, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Barnum-Richardson Co., Lime Rock, Conn.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bradley, Osgood Car Co., Worcester, Mass.
Bonney-Floyd Co. (Special Alloy Steel, Mine & Industrial), Columbus, O.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Brown Car Wheel Works, 466 Howard, Buffalo, N. Y.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Buffalo Car Wheel Foundry Co., Dunn bldg, Buffalo, N. Y.
Butler Car Wheel Co., Pittsburgh, Pa.
Carnegie Steel Co. (Steel), Carnegia bldg, Pittsburgh, Pa.
Cayuta Mfg. Co., Sayre, Pa.
Chester Steel Castings Co., Chester, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cumberland Foundry & Mfg. Co. (Chilled), Nashville, Tenn.
Dickson Car Wheel Co. (Chilled Car & Engine), Houston, Tex.
Duncan Foundry & Machine Works (Chilled), Alton, Ill.
Eagle Iron Works Co., Terre Haute, Ind.
Edgewater Steel Co. (Rolled Steel), Edgewater Station & A V. RR, Pittsburgh, Pa
Enterprise Foundry & Machine Wks. ("Whitney"), Bristol, Tenn.
Fairbanks, Morse & Co., Sheffield Plant (Wrought Steel), Three Rivers, Mich.
Farrell-Check Steel Foundry Co. (Industrial), Sandusky, Ohio
Ferguson & Lange Foundry Co. (Chilled), Clybourne av & Willow, Chicago, Ill.
Fisher Mine Equipment Co. ("Fisher's" Heavy Duty), W Newton, Pa.
Ford & Kimball, Concord, N. H.
Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.
Galena Iron Works Corp., Galena, Ill.
Griffin Wheel Co. (Chilled Iron Wheels of All Kinds), Main Office, 332 S Michigan av, Chicago, Ill.
Gustafson Mfg. Co., Chattanooga, Tenn.
Haskell & Barker Car Co., Michigan City, Ind.
Houston Car Wheel & Mach. Co., Houston, Tex.
Kilbourne & Jacobs Mfg. Co. (For Wood, Steel, Cast Iron Cars), Columbus, O.
See adv index at end of book
Kilby Car & Foundry Co., Anniston, Ala.
Laconia Car Co., 60 Congress, Boston, Mass. Works: Laconia, N. H.
Lobdell Car Wheel Co., Wilmington, Del.
Louisville Car Wheel & Railway Supply Co., Louisville, Ky.
Manistee Iron Works Co., Manistee, Mich.
Marshall Car Wheel & Foundry Co., Marshall, Tex.
Maryland Car Wheel Works, Curtis Bay, Baltimore, Md.
Midvale Steel & Ordnance Co. (Rolled Steel and Steel Tired), Widener bldg, Phila., Pa.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
Mullins Body Corp., Dept. H, Salem, Ohio
National Car Wheel Co. (Chilled Iron), Keystone bldg, Pittsburgh, Pa.
New York Car Wheel Co. (All Kinds), Buffalo, N. Y.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
See adv index at end of book
Pennsylvania Casting & Machine Co., M. C. B. (For Mine Locomotives, Street Cars, etc), 501 Preble, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (Industrial), Midland, Pa.
Portage Lake Foundry & Machine Co. (Chilled), Hancock, Mich.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Prosser Thos. & Son ("The Krupp"), 15 Gold, New York
Ramapo Foundry & Wheel Works, Ramapo, N. Y.
Reading Car Wheel Co. (Chilled), Buffalo, N. Y.
Russel Wheel & Foundry Co., Chene & Bi. RR, Detroit, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sanford-Day Iron Works ("Whitney"), 612 Dale, Knoxville, Tenn.
Southern Wheel Co. (Chilled), Railway Exch. bldg, St. Louis, Mo.
Standard Car Wheel Co. (Chilled), 6704 Bessemer, Cleveland, O.
Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.
Tredegar Co., ft of 5th, Richmond, Va.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Union Iron Works, Hoboken, N. J.
Watt Mining Car Wheel Co., Barnesville, Ohio
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

16767—Wheels (Car, Ball or Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel, Ball & Roller Bearing & All Types, Self-Lubricating), Columbus, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Chase Foundry & Mfg. Co. The (Roller Bearing), 2700 S Parsons av, Columbus, O. *See adv index at end of book*
Fisher Mine Equipment Co. ("Fisher's Heavy Duty Roller Bearing Mine), W Newton, Pa.
Ottumwa Iron Wks (For Mine & Lumber Trucks), Ottumwa, Ia.
Sanford-Day Iron Works ("Whitney"), Knoxville, Tenn.

16768—Wheels (Carborundum & Aloxite Grinding)

Carborundum Co., Niagara Falls, N. Y.

16769—Wheels (Carriage & Wagon)

Archibald Guilford Wheel Co., Guilford, Conn.
Archibald Wheel Co., Lawrence, Mass.
Armstrong Wm. H., South Coventry, Conn.
Avoca Wheel Co., Avoca, N. Y.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy, Baltimore, Md.
Bimel Spoke & Auto Wheel Co., Portland, Ind.
Bookwalter Wheel Co., Miamisburg, O.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Buffington Wheel Co., Burlington, Ia.
Concord Wheel Co., Concord, N. H.
Crane & MacMahon ("Hickory Nut," "Acorn"), 10 Bridge, New York
Daniels Geo. E. (Heavy), Rowley, Mass.
Dickinson Ball Bearing Wheel & Vehicle Co. (With Ball Bearing Boxes), Little Rock, Ark.
Eames Alfred M. & Co., Farmingham, Mass.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
ELECTRIC WHEEL CO., Station D. Quincy, Ill. *See adv index at end of book*
Ford & Co., Tippecanoe City, O.
Hinkel J. K. Mfg. Co., Mechanicsburg, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bros. & Darlington (Inc.), West Chester, Pa.
Jerome Henry, Worcester, Mass.
Jones Phineas & Co., 305 Market, Newark, N. J.
Kerr L. S. D., Frenchtown, N. J.
Kilbourne & Jacobs Mfg. Co. (Wagon), Columbus, O.
See adv index at end of book
Lebzelter Phillip & Son Co. ("Star," "Warner"), Lancaster, Pa.
Luedinghaus - Espenschied Wagon Co. (Heavy), 1717 N B'way, St. Louis, Mo.
McGlone Bros., Morehead, Ky.
Madison Wheel Co., Madison, O.
Merrill Francis S., Amesbury, Mass.
Mitchell Wheel Co., Miamisburg, O.
Muncie Wheel Co. ("Bannister"), Muncie, Ind.
Mutual Wheel Co., Moline, Ill.
Ness Bros. & Co., York, Pa.
New Haven Carriage Co., New Haven, Conn.
New Wapakoneta Wheel Co., Wapakoneta, Ohio.
Niles & Scott Co. (Heavy), La Porte, Ind.
North Carolina Wheel Co., High Point, N. C.
Oddy, Hodgson & Son, Wallingford, Conn.
Owensboro Wagon Co. (Wood Wagon), Owensboro, Ky.
Parry Mfg. Co., Indianapolis, Ind.
Pinneo & Daniels Co., Dayton, O.
Rex Buggy Co., Cennersville, Ind.
Rowe's Robt. Sons, Brentwood, N. H.
Shortsville Wheel Co. ("Sweet's"), Shortsville, N. Y.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.

Stinson Edward Mfg. Co., Guilford, Baltimore, Md.
Trammel Co., Gallatin, Tenn.
Union City Wheel Co., Union City, Ind.
Union Wheel Works, 53 Stanton, Newark, N. J.
West Falmouth Mfg. Co., West Falmouth, Me.
Wheel & Wood Bending Co., Bridgeport, Conn.
Whiteside Wheel Co., Indianapolis, Ind.

16770— Wheels (Caster)

Bogert & Hopper, Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Bond Foundry & Machine Co. Manheim, Pa.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Koenig Edward L. Co., 23 W Kinzie, Chicago, Ill.
Mullins Body Corp., Dept. H, Salem, Ohio
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Peters' Jno. M. Sons (Wood Caster Rolls), Bleecker, N. Y.
Sommer John Faucet Co. (Wooden), 30 Morris, Newark, N. J.
Spaulding J. & Sons Co. (Hard Fibre), N. Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.
Victor Truck Co. ("Victor" Truck Casters), Johnsonburg, Pa.

16770a— *Wheels (Chain)

Babbitt Steam Specialty Co., New Bedford, Mass.
Crane Co. (For Valves), 836 S Michigan av, Chicago, Ill.
See adv index at end of book

16771—Wheels (Chilled Bridge)

Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Wheels (Concrete Mixer)

See Wheels, Metal

16772— Wheels (Crane)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), Columbus, O.
Curtis & Co. Mfg. Co., 1502 Kienlen av, St. Louis, Mo.
Louisville Car Wheel & Ry Supply Co. (Double Flange), Louisville, Ky.

16773—Wheels (Derrick Bull)

Channon Jas. H. Mfg. Co. (For Swinging Booms on Derricks), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

16773a—Wheels (Derrick—Double Flange)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Wilson Machy. Co., 301 W 35th, Chicago, Ill.

16774— Wheels (Disc)

Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Dayton Automotive Wheels, Dayton, O.
Youngstown Pressed Steel Co., Warren, O.
See adv index at end of book

16775-6— Wheels (Driving)

American & British Mfg. Co., Charles, Providence, R. I.
Brown A. & F. C., 79 Barclay, New York,
Chester Steel Casting Co., Chester, Pa.
Commonwealth Steel Co. ("Davis" Steel), Pierce bldg, St. Louis, Mo.
JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
La Pierre H. M., 1314 W 21st, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
New York Car Wheel Co., Buffalo, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
Wason Mfg. Co., Springfield, Mass.

Wheels (Driving, Steel Tired)

See Wheels, Steel Tired Car

Wheels (Dry Kiln)

See Wheels, Metal

16777— Wheels (Felt)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Eastern Felt Co. (For Polishing, etc., "Independence," "U S A," "X-L," "Victory," "Pearl," "Jewel"), Canal, Winchester, Mass.
Kerner W. R. & Co., 139 N Clark, Chicago, Ill.

16778—Wheels (Fibre Truck)

Continental Fibre Co., Newark, Del.
See adv index at end of book
Lansing Co., Lansing, Mich.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Standard Fibre Co., Miller st, Somerville, Mass.

16779-80— Wheels (Fifth)

Donigan & Nielson ("Nielson"), 743 3d av, Brooklyn, N. Y.
Eccles Richard Co., Auburn, N. Y.
Empire Roller Fifth Wheel Works (Roller), Quincy, Ill.
Gogel Mfg. Co. (Center & Rear King Bolt), Toledo, O.
Herbrand Co., Fremont, O.
Keystone Forging Co. ("Derby"), Northumberland, Pa.
King Fifth Wheel Co., 5027 Beaumont av, Phila., Pa.
Martin Rocking Fifth Wheel Co. (Truck Convertible), 21 Besse pl, Springfield, Mass.
Millersburg Fifth Wheel Co., Millersburg, Pa.
National Safety Fifth Wheel Co., Lancaster, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Superior Fifth Wheel Co., Superior, Wis.
Wilcox D. Mfg. Co. (Full Line), Mechanicsburg, Pa.

16781— Wheels (Fly)

Brown A. & F. Co., 79 Barclay, New York.
Caldwell E. R. & Co., Bradford, Pa.
Carey W. W. Co. (Wood Rim, Iron Center), Lowell, Mass.
Cooper C. & G. Co., Mount Vernon, O.
Cresson-Morris Co. (Up to 30 ft), Allegheny & 18th, Phila., Pa.
Danville Iron & Steel Co., Danville, Pa.
DODGE SALES & ENGINEERING CO., Mishawaka, Ind.
Erie Forge Co. (Links), Erie, Pa.
Eyster, Weiser & Co., York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Fitchburg Foundry Co., Fitchburg, Mass.
Fuller-Lehigh Co. (To Any Size), Fullerton, Pa. *See adv index at end of book*
Golden's Foundry & Machine Co., Columbus, Ga.
Goodnow L. H. F'dy Co. (Finished Ready for Engine), Fitchburg, Mass.
Great Lakes Engineering Works, Real Est. Exch. bldg, Detroit, Mich
Hanson Clutch & Machinery Co., Tiffin, O.
See adv index at end of book
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hill Clutch Co., W 65th, Cleveland, O.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mackintosh-Hemphill Co. (Large for Rolling Mills), 12th & Etna, Pittsburgh, Pa. *See adv index at end of book*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Nordberg Mfg. Co., Chicago & Oklahoma, Milwaukee, Wis.
Philadelphia Roll & Machine Co., 25th & Wash'n av, Phila., Pa.
Platt Iron Works Co., Dayton, O.
Poole Engineering & Machine Co. (Up to 50 ft Diameter & 12 ft Face), Woodberry Station, Baltimore, Md.
Pyott Co., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., 328 N Sagamon, Chicago, Ill.
Southwark Foundry & Machine Co., 1128 S 4th, Phila., Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Iron Works, Inc., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wearne Bros., Omaha, Neb.
Webster Mfg. Co., 4500-60 Courtland, Chicago, Ill.
See adv index at end of book
WHITON D. E. MFG. CO. (Finished Ready for Gas Engines), New London, Conn. *See adv index at end of book*
Wood's T. B. Sons Co., Chambersburg, Pa.

16782—Wheels (Fly Rope Pulley)

Finch Mfg. Co. (Sheave), Scranton, Pa.
Mackintosh-Hemphill Co. (Large), 12th & Etna, Pittsburgh, Pa.
See adv index at end of book

16783— Wheels (Gear)

Bonney-Floyd Co. (Various Carbon Steels, Manganese & Alloy Steels), Columbus, Ohio
Dundore Mfg. Co., Reading, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Mesta Machine Co., Box 1124, Pittsburgh, Pa.
See adv index at end of book

16784—Wheels (Gear, Hard Fibre)

DELAWARE HARD FIBRE CO., Wilmington Del. Works: Marshallton, Del. *See adv index at end of book*
Dundore Mfg. Co., Reading, Pa.
National Fibre & Insulation Co., Yorklyn, Del. *See adv index at end of book*
Wilmington Fibre Specialty Co., Wilmington, Del.

16785— Wheels (Gilding)

Coe W. H. Mfg. Co. ("Coe's" & "Coe's" Ribbon Gold Leaf), 74 Weybosset, Providence, R. I.

16786—Wheels (Hand & Push Car)

Bonney-Floyd Co. (Special Alloy Steel, Manganese & Various Carbon Steels), Columbus, O.
Brown A. & F. Co., 79 Barclay, New York.
Eberly & Orvis Mfg. Co., Mechanicsburg, Pa.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Eyster, Weiser & Co., York, Pa.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
Geneva Metal Wheel Co., Geneva, O.
Kalamazoo Railway Supply Co. (Pressed Steel "Kalamazoo"), Kalamazoo, Mich.
Lansing Co., Lansing, Mich.
Little J. R. Metal Wheel Co., Quincy, Ill.
Lobdell Car Wheel Co., Wilmington, Del.
Mullins Body Corp., Dept. H, Salem Ohio
New York Car Wheel Co., Buffalo, N. Y.
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.

16787—Wheels (Industrial Car)

Bonney-Floyd Co. (Special Alloy Steel, Self-Lubricating, All Types), Columbus, O.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Mullins Body Corp., Dept. H, Salem, Ohio
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.

16788-9—Wheels (Logging)

Anniston Electric Steel Co., Dept. H, Anniston, Ala.
Fuller-Lehigh Co., Fullerton, Pa.
See adv index at end of book
Grace C. M. & Co., Huntsville, Ala.
Holt Mfg. Co., Stockton, Cal.
Little J. R. Metal Wheel Co., Quincy, Ill.
Overpack S. C., Manistee, Mich.
Sanford-Day Iron Wks., 612 Dale, Knoxville, Tenn.
Streich A. & Bro. Co. (10 to 12 Feet), Oshkosh, Wis.

16790—Wheels (Marble & Granite Polishing)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Eastern Felt Co. ("Pearl" White, "Jewel" Gray), Canal, Winchester, Mass.
Harrison Supply Co., 209 Washington, Boston, Mass.

16791—Wheels (Marine Steering)

See also Gears, Marine Steering

Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Gillie Machine Co., Tonawanda, N. Y.
Hall W. S. Co., Rochester, N. Y.
LA PIERRE H. M. ("Dudie"), CO., 1314 W 21st, Chicago, Ill.
Laughlin, Thomas Co. ("Puritan" & "Challenge," etc.), Portland, Me.
See adv index at end of book
Marine Mfg. & Supply Co., 158 South, New York
Stoddart A. P. & Co., Gloucester, Mass.
Wilcox, Crittenden & Co., Inc. (Bronze, Iron & Wood), Middletown, Conn.
See adv index at end of book

16792— Wheels (Metal)

Aluminum Casting Co. (Aluminum Truck), 2210 Harvard, Cleveland, O.
Art Metal Construction Co., Jamestown, N. Y.
Baker A. D. Co., Swanton, O.
Bay State Metal Wheel Co., East Templeton, Mass.
Buchanan Electric Steel Co. (Truck), 806 Jackson blvd, Chicago, Ill.
Budd Wheel Corp. (Wire & Steel Automobile), Lehigh av & 22d, Phila., Pa.
Bush Foundry & Metal Wheel Co., Quincy, Ill.
Dayton Steel Foundry Co. (Steel Truck) Dayton, O.
Easton Car & Construction Co., 198 Fulton, New York. *See adv index at end of book*

WHEELS (METAL)—continued
ELECTRIC WHEEL CO. ("Electric," Steel Wagon, Carts, etc.), Station D, Quincy, Ill. *See adv index at end of book*
Empire Mfg. Co., Quincy, Ill.
Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
French & Hecht (Truck), Davenport, Ia.
Geneva Metal Wheel Co. ("Geneva Security" All Steel), Geneva, O.
Havana Metal Wheel Co., Havana, Ill.
Heartley Machine, Variety Iron & Tool Works (Children's Carriages, Wagons, Wheelbarrow, Implements, etc), 900 Summit, Toledo, O.
JACKSON MFG. CO., Fourth & Boyd, Harrisburg, Pa. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel & Cast Iron), Columbus, O.
See adv index at end of book
Knox Metal Wheel Co., Knox, Ind.
Lack Singletree Co., Paducah, Ky.
Lansing Wheelbarrow Co., Lansing, Mich.
Little J. R. Metal Wheel Co. (Truck & For All Purposes), Quincy, Ill.
Massillon Steel Casting Co., Massillon, O.
Mott Wheel Works (Wire), Jackson, Mich.
Niles & Scott Co., Laporte, Ind.
Parker Wheel Co., 3778 E 78th, Cleveland, Ohio
Peru Plow & Wheel Co., Peru, Ill.
Pettis W. W. Co., 416-417 First National Bank bldg, Cincinnati, O.
Prudden Wheel Co. (Motor Truck), Lansing, Mich.
Shunk Plow Co. (Steel for Farm Wagons), Bucyrus, O.
Smith Wheel (Inc.), (Metal Wheels for Trucks), Syracuse, N. Y.
Standard Steel Castings Co. (For Motor Trucks), 3311 W 73d, Cleveland, O.
STERLING WHEELBARROW CO., Milwaukee, Wis.
Toledo Metal Wheel Co. (Small Wheels for Toy Automobiles, Baby Carriages, etc), Toledo, O.
Victor Truck Co. ("Victor" Casters), Johnsonburg, Pa.
West Steel Casting Co. (Truck), 805 E 70th, Cleveland, O.
Western Wheelbarrow Mfg. Co. ("Copper" Patent), South Ft. Smith, Ark.
Wharton Wm. Jr. & Co. Inc. (Cast Steel), Easton, Pa.
Williams Steel Wheel & Rim Co., Utica, N. Y.
Youngstown Pressed Steel Co. (Furrow & Gong), Warren, O.
See adv. index at end of book
Zering H. Mfg. Co., B. & O. Ry. & Hickory, Oakley, Cincinnati, O
See adv index at end of book

16793—Wheels (Mine Car)

American Car & Foundry Co. (Self-Oiling), Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Anniston Electric Steel Co., Dept. H, Anniston, Ala.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bartlett A. F. & Co., Saginaw, Mich
Bonney-Floyd Co. (Special Alloy Steel, All Types, Self-Lubricating), Columbus, O.
Bowler Fdy. Co. (Chilled), 1688 Columbus, Cleveland, O.
Buda Co., Railway Exch bldg, Chicago, Ill.
Cherry Tree Machine Co. (Ring Oiler), Cherry Tree, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Duncan Foundry & Machine Works ("Hercules" Chilled), Alton, Ill.
Eagle Iron Works ("Eagle"), Des Moines, Ia.
Eagle Iron Works Co. ("Parker"), Terre Haute, Ind.
Easton Car & Construction Co., 198 Fulton, New York
See adv index at end of book
Edgewater Steel Co., Edgewater Station & A. V. RR, Pittsburgh, Pa.
Egyptian Iron Works, Murhysboro, Ill.
Enterprise Foundry & Machine Works (A. W. Whitney's" Self-Oiling), Bristol, Tenn.
Eyster, Weiser & Co., York, Pa.
Fairmount Mining Machinery Co. (Self-Oiling), Fairmount, W. Va.
Fisher Mine Equipment Co. ("Fisher's" Heavy Duty), W Newton, Pa.
Fleming J. R. & Son Co., Scranton, Pa.
See adv index at end of book
Fulton Pit Car Co. (Semi-Steel), Canal Fulton, Ohio
Galena Iron Works Corp., Galena, Ill.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Gustafson Mfg. Co. ("Gustafson" Self-Oiling Roller Bearing), Chattanooga, Tenn.
Harman & Hassert, Bloomsburg, Pa.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hempfield Foundry, Greensburg, Pa.
Herzler & Henninger Machine Works, Belleville, Ill.
Hockensmith Wheel & Mine Car Co. ("Eureka" Roller Bearing, etc.), Penns Station, Pa.
Industrial Iron Works, Clinton, Mo.
Irwin Foundry & Mine Car Co. ("Eureka" Waste Packed), Irwin, Pa.
Kanawha Mfg. Co. (Wheels & Axles), Charleston, W. Va.
Kilby Car & Foundry Co., Anniston, Ala.
Lake Shore Engine Works ("Florida Improved"), Marquette, Mich.
Lansing Co., Lansing, Mich.
Litchfield Fdry. & Mach. Co., Litchfield, Ill.
Lobdell Car Wheel Co. ("Faught's"), Closed Hub, Self-Oiling Chilled Wheels), Wilmington, Del.
Louisville Car Wheel & Ry Supply Co., Louisville, Ky.
Love Mfg. Co. (Self-Oiling), Corry, Pa.
Mineral Ridge Mfg. Co., Mineral Ridge. O.
Mullins Body Corp., Dept. H, Salem, Ohio
National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
New York Car Wheel Co., Buffalo, N. Y.
Niles Mine & Supply Co., Niles, O., & Williamson bldg, Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (Roller Bearing), Midland, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Railway & Mine Supply Co., McCormick bldg, Chicago, Ill.
Ramapo Fdry. & Wheel Works, Ramapo, N. Y.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
Sanford-Day Iron Works ("Whitney" Roller Bearing), 612 Dale, Knoxville, Tenn.
South Fork Foundry & Machine Works, South Fork, Pa.
Southern Wheel Co. Railway Exch. bldg, St. Louis, Mo.
Star Mfg. Co., New Lexington, O.
Stine S. B., Osceola Mills, Pa.
Union Iron Works (Inc.), Spokane, Wash.
United Iron Works, Inc., Kansas City, Mo.
Watt Mining Car Wheel Co. (Self-Oiling & Roller Bearing), Barnesville, O.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.
Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

Wheels (Motor Truck)

See Wheels, Metal

16794—Wheels (Pipe Cutter)

Barnes Tool Co. ("Saunders'" "Barnes" Genuine), New Haven, Conn.
Collmer Bros., South Bend, Ind.
Crown Die & Tool Co. ("Crown"), Patented Serrated), 553 W Monroe, Chicago, Ill
Ellis & Ford Mfg. Co., Detroit, Mich.
Keystone Specialty Co., Scranton, Pa.
Mark Mfg. Co., Evanston, Ill.
National Acme Co., 7500 Stanton av, S E, Cleveland, O.
Walworth Mfg. Co., Boston, Mass.

Wheels (Polishing)

See Wheels, Buffing & Polishing

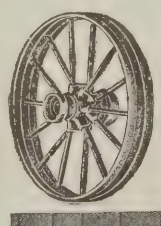
16795—Wheels (Pressed Steel)

Buda Co., Railway Exch. bldg, Chicago, Ill.
Chase L. C. & Co. ("Chase" for Children's & Baby Carriages), 89 Franklin, Boston, Mass. *See adv index at end of book*
Galesburg Coulter-Disc Co., Galesburg, Ill.
Indestructible Wheel Co., Lebanon, Ind.
Mullins Body Corp., Dept. H, Salem, Ohio
Nice Ball Bearing Co. (Truck), 2925 Hunting Park av, Nicetown, Phila., Pa.
Strobl Mfg. Co., 410 N Western av, Chicago, Ill.

16796— Wheels (Propeller)

See also Ship Builders

American Manganese Bronze Co. (Bronze), 3501 Rhawn, Phila., Pa.
Am. Screw Propeller Co., Penfield bldg, Phila., Pa.
Auto Engine Works (For Boats), University & Griggs av, St. Paul, Minn.
Barber Bros. (Reversing), Syracuse, N. Y.
Bay City Iron Co., Bay City, Mich.
Bryant & Berry Co. ("B. & B."), 32 W Atwater, Detroit, Mich.
Cahill W. S. Co., Key Highway & Webster, Baltimore, Md.
Camden Anchor-Rockland Machine Co. ("Knox"), Camden, Me.
Chester Steel Casting Co., Chester, Pa.
Columbian Bronze Corp. ("Columbian"), 522 5th av, New York
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Detroit River Iron Works, 661 E. Atwater, Detroit, Mich.
Duluth Gas Engine Works ("Crescent"), Duluth, Minn.
Erie Specialty Co. (Brass & Bronze), 520 W 12th, Erie, Pa.
Ferguson F. & Son, Hoboken, N. J.
Frontier Engineering Co., Detroit, Mich.
Gibson & Kirk Co. (Brass for Launches, etc), 217 Key Highway, Baltimore, Md.
Great Lakes Engineering Works, Real Est. Exch. bldg, Detroit, Mich.
Hopedale Mfg. Co., Roper Dept., Milford, Mass.
Hyde Windlass Co. ("Gale"), Bath, Me.
Lacy Jas. J. Co., Block & Wills, Baltomore, Md.
Lake Shore Engine Works ("New Superior" Reversible), Marquette, Mich.
Laughlin Thos. Co. (Bronze), Portland, Me. *See adv index at end of book*
List E. J. Mfg. Co., Havana, Ill.
Lockwood Mfg. Co., 44 N Market, Boston, Mass.
McFarland Foundry & Machine ("Harthan"), Trenton, N. J.
Marine Hardware Co. ("Geyer" Reversible), Peabody, Mass.
Marine Hardware - Equipment Co. ("Acme" Manganese Bronze), South Portland, Me.
Michigan Wheel Co., Grand Rapids, Mich.
Montague Iron Wks. (From 3 to 10 ft. in Diameter), 189 W Madison, Chicago, Ill.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Morris Machine Works, Baldwinsville, N. Y.
New London Marine & Iron Works, New London, Conn.
Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
See adv index at end of book
Portland Co., Portland, Me.
Pusey & Jones Co. (Also Gearing Wheels), Wilmington, Del.

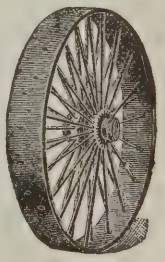


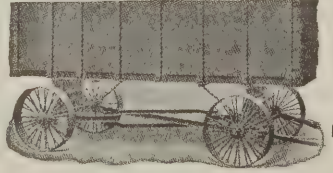
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Sheriffs Mfg. Co., Milwaukee, Wis.
Sterling Engine Co. ("Sterling" Reversible Blade for Motor Boats), Buffalo, N. Y.
Sullivan Jno. W. Co., 827 E 9th, New York
Thacher Propeller & Foundry Corp., Albany, N. Y.
Trout H. G. Co., Buffalo, N. Y.
Vanadium Metal Co., Vanadium bldg, Pittsburgh, Pa.

16796a— Wheels (Pulley)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York
See adv index at end of book
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

16797—Wheels (Racking Chain)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

16798—Wheels (Radiator Valve Wood)

See also Wheels, Valve, Wood

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Standard Turning Works, Cambridge, Mass.
Thayer Geo. A., Watson, Mass.

16799—Wheels (Ratchet Brake)

American Vulcanized Fibre Co. (Fibre) 504 Equitable bldg, Wilmington, Del.
Baker John S. ("Beverly" Ratchet Clutch Vertical, for Vestibuled Street Cars), Beverley, Mass.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Western Steel Car & Foundry Co., 122 S Michigan, Chicago, Ill.

16800— Wheels (Reducing)

See also Indicators; also Planimeters

American Steam Gauge & Valve Mfg. Co., 203 Camden, Boston, Mass.
Ashcroft Mfg. Co. (For Steam & Gas Engine Indicators), 119 W 40th, New York
Bushnell John S. & Co. ("Ideal"), 146 Liberty, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Mallery S. W. (Indicator), 123 Liberty, New York
Robertson Jas. L. & Son ("The Victor"), 78 Murray, New York
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Thompson Richard & Co. ("Ideal"), 146H Liberty, New York
Trill Indicator Co. ("Faultless"), Corry, Pa.

16801—Wheels (Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, Self-Lubricating), Columbus, O.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Gustafson Mfg. Co., Chattanooga, Tenn.
Railway & Mine Supply Co., McCormick bldg, Chicago, Ill.
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.
United Iron Wks., Kansas City, Mo.

16802—Wheels (Roller Skate)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Bogert & Hopper. Inc. (Wooden), 57 Barclay, New York
See adv index at end of book
Boston Pressed Metal Co. (To Order Only), 170 Union, Worcester, Mass.
Continental Fibre Co. (Vulcanized Fibre), Newark, Del. *See adv index at end of book*
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Fibre), Bridgeport, Pa.
ESTES E. B. & SONS (Wooden), 364 5th av, New York *See adv index at end of book*
Flagg Stanley G. & Co. (Mall, Iron), Morris bldg, Phila., Pa.
Matthews Mfg. Co. (Steel), 104 Gold, Worcester, Mass.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del. *See adv index at end of book*
Spaulding J. & Sons Co., Inc. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Union Hardware Co., Torrington, Conn.
Worcester Pressed Steel Co., Worcester, Mass. *See adv index at end of book*

16803— Wheels (Rope)

Link-Belt Company, 300 W 39th, Chicago, Ill. *See adv index at end of book*
Mesta Machine Co., Box 1124, Pittsburgh, Pa. *See adv index at end of book*

16804—Wheels (Rubber Tired)

Clark Geo. P. Co. (Trucks & Furniture), Windsor Locks, Conn.
Lansing Co. (Truck), Lansing, Mich.
Meeker Mfg. Co., Dayton, O.
Sewell Cushion Wheel Co., 1296 Gratiot, Detroit, Mich.

16805— Wheels (Self-Oiling)

(For Mine & Other Light Cars)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
American Scale Co., Kansas City, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, All Types), Columbus, O.
Chrome Steel Works (Mine Car, Canada Patent), Chrome, N. J.
Denver Engineering Works Co., Denver, Col.
Duncan Foundry & Machine Works (Chilled), Alton, Ill.
EASTON CAR & CONSTRUCTION CO., 198 Fulton, New York
See adv index at end of book
Fairmont Mining Machinery Co. (Mine Car), Fairmont, W. Va.
Gustafson Mfg. Co. (For Mine Cars), Chattanooga, Tenn.
Hanson Clutch & Machy. Co., Tiffin, Ohio.
See adv index at end of book
Helmick Foundry & Machine Co. (Chilled), Fairmont, W. Va.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio *See adv index at end of book*
Lake Shore Engine Works ("Flodin"), Marquette, Mich.
Lansing Co., Lansing, Mich.
Lobdell Car Wheel Co. ("Faught's" Closed Hub), Wilmington, Del.
Ottumwa Box Car Loader Co. (Mine Car), Ottumwa, Ia.
Phillip's Mine Supply Co., 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.
Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.
Stine S. B., Osceola Mills, Pa.
Truax Mfg. Co., Denver, Col.
Union Iron Works, Spokane, Wash.
United Iron Works, Inc., Kansas City, Mo.
Watt Mining Car Wheel Co. (Mine Car), Barnesville, O.

16806—Wheels (Solid Forged & Rolled Steel)

Standard Steel Works Co., Morris bldg, Phila., Pa.

16807—Wheels (Solid Rubber)

Home Rubber Co. (Brewers', etc), Trenton, N. J.

16808— Wheels (Spinning)

Pierce F. B. Co., Keene, N. H.

16809— Wheels (Sprocket)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Barnard & Leas Mfg. Co., Moline, Ill.
BARTLETT C. O. & SNOW CO., French, Cleveland, O. *See adv index at end of book*
Blount Engineering Co., 100 High, Boston, Mass.
Brown A. & F. Co., 79 Barclay, New York
Bullock Chas. K., 1357 Ridge av, Phila., Pa.
Caldwell W. E. Co., Louisville, Ky.
Chain Belt Co., Milwaukee, Wis.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chisholme-Moore Mfg. Co. (Chain), 5046 Lakeside, Cleveland, O.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Crofoot Gear Works, Cambridge, Mass.
Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.
Davis Rodney, 624 Race, Phila., Pa.
DIAMOND CHAIN & MFG. CO., 502 Kentucky av, Indianapolis, Ind.
Diamond Iron Works (For Saw Mills, etc), 2nd & 18th av N, Minneapolis, Minn.
Farnum Mfg. Co., 39 Indiana, Buffalo, N. Y.
Filer & Stowell Co., Milwaukee, Wis.
FOOTE BROS. GEAR & MACHINE CO. (Plain or Hub), 213 N Curtis, Chicago, Ill. *See adv index at end of book*
GANSCHOW WM. CO. (Plain or Hub), 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Garland M. Co., Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., W 65th, Cleveland, O.
James D. O. Mfg. Co. (Plain or Hub), 1120 W Monroe, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co. (For Chain Drives, Gearing), 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill. *See adv index at end of book*

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Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Michigan Sprockett Chain Co., Delray, Detroit, Mich.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Moline Malleable Iron Co., St. Charles, Ill.
Muncie Gear Works, Muncie, Ind.
New England Pressed Steel Co., Natick, Mass.
Nordyke & Marmon Co., Kentucky av & Morris, Indianapolis, Ind.
NUTTALL, R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Parish & Bingham Co. (Motorcycle), **Madison av & W 106th, Cleveland, O.**
Philadelphia Gear Works, East Vine, Phila., Pa.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pyott Co., 1401 W North av, Chicago, Ill.
Sier-Bath Co., 143 W 54th, New York
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Turner Foundry & Machine Co., 3632 N Lawrence, Phila., Pa.
Turner Machine Co., 75 Fulton, N. Y.
Union Chain & Mfg. Co., Dept. H, Seville, Ohio
Union Malleable Iron Co., East Moline, Ill.
United Iron Works, Inc., Kansas City, Mo.
WEBSTER MFG. CO., 4500-60 Courtland, Chicago, Ill.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Woburn Gear Works, Woburn, Mass.

16810-1—Wheels (Steel Tired Car)

Lobdell Car Wheel Co., Wilmington, Del.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Prosser Thos. & Son (the Krupp), 15 Gold, New York
Railway Steel Spring Co., 30 Church, New York
Sanford-Day Iron Works, 612 Dale, Knoxville, Tenn.
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.
Taylor Electric Truck Co. ("Taylor"), Troy, N. Y.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.

Wheels (Steel Truck)

See Wheels, Metal

16812—*Wheels (Steel Vehicle)

See also Wheels, Metal

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

Wheels (Steering)

See Wheels, Automobile Steering; also Wheels, Marine Steering

Wheels (Street Car)

See Wheels, Car

16813— Wheels (Toy Cart)

BOGERT & HOPPER, INC., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

16814— Wheels (Tracing)

Bullock Mfg. Associates, Springfield, Mass.
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Lowentrant P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C S. & Co., Box 183, Newark, N. J. *See adv index at end of book*

16815— Wheels (Traction)

Andrews Heating Co., Minneapolis, Minn.
Electric Wheel Co. (Engine), Station D, Quincy, Ill. *See adv index at end of book*
Geneva Metal Wheel Co., Geneva, O.
LINK-BELT CO., 329 W 39th, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

16815a— Wheels (Tractor)

Geneva Metal Wheel Co., Geneva, O.
Grid-Iron Grip Wheel Co., Toledo, Ohio
Mansfield Steel Corp., 288 E Milwaukee av, Detroit, Mich.
WHARTON WM. JR. & CO. INC. ("P. T." Tractor, Track Laying), Easton, Pa.

16816—Wheels (Traveling Crane)

American Manganese Steel Co. ("Amsco" Brand Manganese Steel), Dept. H, 14th & State, Chicago Heights, Ill.
Lobdell Car Wheel Co. (Chilled Double Flange), Wilmington, Del.
New York Car Wheel Co., Buffalo, N. Y.

16817— Wheels (Trolley)

Advance Mfg. & Tool Co., 3741H E 93rd, Cleveland, Ohio
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Albert & J. M. Mfg. Co. ("West End," Made of Special Metal), 289 A, Boston, Mass.
Bayonet-Trolley-Harp Co. ("Bayonet," Pure Copper, Self - Lubricating), Springfield, O.
Benedict & Burnham Branch ("Franklin"), Waterbury, Conn.
Brady Brass Co. ("Cyprus"), 170 14th, Jersey City, N. J.
Buckeye Iron & Brass Works (Bronze), Dayton, O.
Columbia Machine Works & Malleable Iron Co. (All Sizes to Specifications), Atlantic av & Chestnut, Brooklyn, N. Y.
Edna Brass Mfg. Co., Cincinnati, O.
Electrical Material Co. ("Urban," "Interurban"), 618 W Jackson blvd, Chicago, Ill.
Electric Ry. Equipment Co., Cincinnati, O.
Eureka Co. (Bronze), North East, Pa.
Flood City Mfg. Co., Johnstown, Pa.
Graham Jas. & Co., New Haven, Conn.
Hensley Trolley & Mfg. Co., 370 Holden av, Detroit, Mich.
Hercules Metal Works (Bronze), Catasauqua, Pa.
Hodgkins J. F. Co., Gardner, Me.
Holden & White, Fisher bldg, Chicago, Ill.
Holland Trolley Supply Co., 1623 E 43d, Cleveland, O.
Ives H. B. Co. ("New Haven"), New Haven, Conn.
Janney & Co. (Straight & Flanged), Montgomery, Ala.
Louisville Car Wheel & Ry. Supply Co., Louisville, Ky.
Lovell F. H. & Co., Arlington, N. J.
Magnus Co., 111 B'way, New York
More-Jones Brass & Metal Co. (Lubricated Oilless), B'way & Dock, St. Louis, Mo.
National Brass Mfg. Co. (Also "Standard" Sleet Wheels), Rochester, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Brass Co. The (For Mine Only), Mansfield, Ohio
See adv index at end of book
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Star Brass Works ("Kalamazoo," Pure Copper), Kalamazoo, Mich.
Stuart-Howland Co. ("Amesbury"), 234 Congress, Boston, Mass.
Universal Trolley Wheel Co., Northampton, Mass.
Wesco Supply Co. ("Wesco," Pure Copper), 7th & Clark av, St. Louis, Mo.

16817a— Wheels (Truck)

Dayton Steel Foundry Co., Dayton, Ohio.
Delaware Hard Fibre Co. (Hand, Fibre, "Egyptian"), Wilmington, Del.
See adv index at end of book
Divine Bros. Co. (Steel), Utica, N. Y.
Geneva Metal Wheel Co., Geneva, O.
Louisville Car & Wheel & Ry. Supply Co., Louisville, Ky.
Mullins Body Corp., Dept. H, Salem, Ohio
Nice Ball Bearing Co., 2925 Hunting Park av, Nicetown, Phila., Pa.
Standard Scale & Supply Co. Ltd. (Wagon, etc.), 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Sterling Wheelbarrow Co. ("Sterling" Steel), Milwaukee, Wis.
Stevens A. E. & Co., Portland, Me.
Victor Truck Co. ("Victor"), Johnsonburg, Pa.
Wharton Wm. Jr. & Co. Inc. (Cast Steel), Easton, Pa.
Wilmington Fibre Specialty Co., Wilmington, Del.

16818—Wheels (Valve, Metal)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Crane Co. (For Brass Valves), 836 S Michigan av, Chicago, Ill.
Forg Peter Mfg. Co. (Pressed Steel), 50 Park, Somerville, Mass.
Hodge & Stone, Middletown, Conn.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Marble W. P. Co., 15 Chardon, Boston, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Walworth Mfg. Co., Boston, Mass.
Yonts C. H. & Co. ("Noburn"), Meadville, Pa.

16819—Wheels (Valve Wire)

Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Sawyer Tool Mfg. Co. ("Prouty"), Ashburnham, Mass.

16820—Wheels (Valve, Wood)

See also Wheels, Radiator Valve

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Holton-Abbott Mfg. Co. ("Kantsplit," Wood Metal Unitized), 59 Goram, West Somerville, Mass.
Piqua Handle & Mfg. Co., P. O. Box 807, Piqua, O.
South Bend Dowell Wks. (Wood, Log), South Bend, Ind.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Wheels (Vehicle)

See Wheels, Metal; also Wheels, Steel Vehicle

Wheels (Wagon)

See Wheels, Carriage & Wagon

16821— Wheels (Well)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Channon Jas. H. Mfg. Co. (Cast Iron), 227 W Erie, Chicago, Ill.
Colebrookdale Iron Co. (Or Gin Wheels), Pottstown, Pa.
Laughlin Thos. Co. (Anti-Friction), Portland, Me. *See adv index at end of book*
New London Vise Works (Roller Bushed), New London, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hdw. & Fdry. Co., Horseheads, N. Y.
Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*
Wrightsville Hardware Co., Wrightsville, Pa.

Wheels (Wheelbarrow)

See Wheels, Barrow; also Wheels, Metal

16822— Wheels (Wire)

Bridgeport Engineering Co. ("Dunlap" Automobile), Stratford, Conn.
Budd Wheel Corp. (Automobile), Lehigh av & 22nd, Phila., Pa.
Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.
Dayton Wire Wheel Co. (Ford & Chevrolette), Dayton, O.
Detroit Wire Wheel Corp., 237 Clayton, Detroit, Mich.
Kelly Automobile Co., 4560 W Congress, Chicago, Ill.
Lee & Porter (With Channel Irons for Cushion Rubber Tires), Buchanan, Mich.
Mott Wheel Works, Jackson, Mich.
National Wire Wheel Works (For Automobiles & Aeroplanes), Geneva, N. Y.
Phelps Mfg. Co., Columbus, O.
Rastetter Louis Sons, Fort Wayne, Ind.
Reed & Curtis Machine Screw Co., Worcester, Mass.
Standard Steel & Bearings Inc. ("Rudge Whitworth"), 50th & Lancaster av, Phila., Pa.
Stewart Wire Wheel Corp., Frankfort, Ind.
Universal Welding Co., St. Anne, Ill.
Weston-Mott Co. (Steel Rims), Flint, Mich.

16823—Wheels (Wire Spoke)

Gendron Wheel Co., Toledo, O.
Toledo Metal Wheel Co., Toledo, O.

Wheels (Wood)

See Wheels, Carriage & Wagon

Wheels (Worm)

See Gears, Worm

16824—Wheels & Axles (Ball or Roller Bearing)

Archibald Wheel Co., Lawrence, Mass.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Bonney-Floyd Co. (Special Alloy Steel, Roller Bearing, Self - Lubricating), Columbus, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Burgess & Norton Mfg. Co. ("Gazelle" Ball Bearing Vehicle Axles), Geneva, Ill.
Concord Axle Co. ("Brown's" Roller Bearing), Penacook, N. H.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Duncan Foundry & Machine Works (Roller Oiled), Alton, Ill.
EASTON CAR & CONSTRUCTION CO., (Plain Roller Bearing), 198 Fulton, New York *See adv index at end of book*
Evans & Coppins Co. (Ball), Princeton, Ill.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hutchinson Jno. Mfg. Co. (Roller Bearings), Jackson, Mich.
Lee & Porter Mfg. Co. ("Porter" Vehicle), Buchanan, Mich.
Pittsburgh Iron & Steel Foundries Co. (Roller Bearing Wheels), Midland, Pa.
Sheldon Axle & Spring Co. (Ball Bearing & Roller Bearing Motor Trucks Axles), Wilkes-Barre, Pa.
Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.
United Iron Works, Inc., Kansas City, Mo.
Weston-Mott Co. (Automobile, etc), Flint, Mich.
Youngstown Steel Car Co., Niles, O.

16825-6— Whetstones

Bracher Co., Belleville, N. J.
Pike Mfg. Co., Pike, N. H.
SCRANTON WHETSTONE & ABRASIVE WHEEL CO. ("Ideal"), Battle & Diamond av, Scranton, Pa.

16827— Whip Mfrs.

American Whip Co., Westfield, Mass.
Austin-Warren Co., Westfield, Mass.
Bardall J. C. Co. (Leather, Carriage, Drove, Shot Loaded, etc), Moundsville, W. Va.
Binghamton Whip Co., Binghamton, N. Y.
Buchheimer Geo. H. (Dog), 1004 Rutland av, Baltimore, Md.
Cargill-Cleveland & Co., Westfield, Mass.
Cook & Parker, Westfield, Mass.
Cowles-Horan Whip Co., Westfield, Mass.
Diamond Whip Co. ("Tip Top" Leather, Express, Dog & Team), 406 N Curtis, Chicago, Ill.
Featherbone Whip Co. ("Anti-Whalebone," "Featherbone" & Rubber - Bone"), Westfield, Mass.
Horse Whip Co., Westfield, Mass.
Independent Whip Co., Westfield, Mass.
Kentucky Whip & Collar Co., Eddyville, Ky.
Standard Whip Co., Westfield, Mass.
Steimer & Moore Whip Co., Westfield, Mass.
Tipp Whip Co., Tippecanoe City, O.
Underwood Whip Co., Westfield, Mass.
U. S. Whip Co., Westfield, Mass.
Van Deusen H. M. Whip Co., Westfield, Mass.
Ware Arthur W. & Co., 12 E 18th, New York

16828— Whip Stocks

Bardall J. C. Co. (Hickory), Moundsville, W. Va.
Binghamton Whip Co., Binghamton, N. Y.
Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

16828a—Whistle Control (S. S.)

Bethlehem Shipbuilding Corp. Ltd. (S. S.), Dept. H, Broadhead & Park av, Bethlehem, Pa.
McNab Co. ("Willett-Bruce" Automatic), Bridgeport, Conn.

16828b— Whistle Operator

Pneumercator Co., Inc., 15 Park Row, New York

16828c— Whistle Pulls

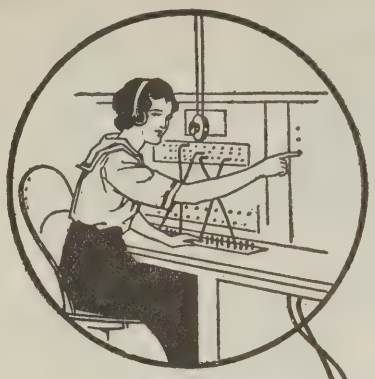
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
McNab Co. ("McNab"), Bridgeport, Conn.

16829— Whistles (Air)

American Steam Gauge & Valve Mfg. Co. 208 Camden, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Loper Fire Alarm Co. (Compressed Air Fire), Stonington, Conn.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ohio Brass Co., Mansfield, O.
See adv index at end of book
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book

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U. S. Patent, June 26, 1917—Canadian Patent, Dec. 24, 1918.

Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Wilcox, Crittenden & Co. Inc. ("Autochime"), Middletown, Conn.
See adv index at end of book

16830—Whistles (Automobile & Motor Boat)

See also Horns, Automobile; also Horns, Fog

Chase Machine Co., 2213 Elm, Cleveland, O.
Duplex Machine Co., 93 Lafayette, Newark, N. J.
Durkee Chas. D. & Co. (Motor Boat), 2 South, New York
Edmonds & Jones Corp. (Motor Boat), 436 Lawton, Detroit, Mich.
Folsom H. & D. Arms Co., 314 B'way, New York
Jackson Foundry & Machine Co. (Large & Long Bell), Paducah, Ky.
LUNKENHEIMER CO. (Motor Boat), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Sibley Pitman Electrical Corp. ("Tritone"), 190 6th av, New York
Wilcox, Crittenden & Co., Inc. ("Ereful" Motor Boat), Middletown, Conn.
See adv index at end of book

16831— Whistles (Chime)

American Steam Gauge & Valve Co., 208 Camden, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works (All Brass, Single Bell, etc), Dayton, O.
Crane Co., 836 S Michigan av., Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Kelly & Jones Co. ("K. & J."), 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co. (Single & Three Bell, etc), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Tritone," Single Bell, Three Whistles, etc.), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Nathan Mfg. Co. (For Passenger Engines, etc), 416 E 106th, New York
Powell Wm. Co. (Single Bell, Three Whistles, etc.), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Wilcox, Crittenden & Co. Inc. ("Autochime" Air), Middletown, Conn.
See adv index at end of book

16832—Whistles (Conductors' & Starters')

Riley-Klotz Mfg. Co. ("Alpha" Police, Starters, etc.), 17 Mulberry, Newark, N. J.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

16833—*Whistles (Electrically Operated)

LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16834—Whistles for Fog, Factory & Fire Signals

CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
LOVSTED C. M. & CO., 316 1st av, So. Seattle, Wash.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Safety Fire Extinguisher Co., 295 7th av, New York *See adv index at end of book*
Star Brass Mfg. Co. ("Safety"), 53 Oliver, Boston, Mass.

16835-6—*Whistles (Low Pressure)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Whistles (Motor Boat)

See Whistles, Automobile & Motor Boat

16837—Whistles (Speaking Tube)

American Safety Lamp & Mine Supply Co. (Slide, for Mines, etc), Scranton, Pa.
Everhart Brass Works (Heavy for Miners, etc), Scranton, Pa.
Standard Elec. Manfg. Co. (Brass), 216 N Clinton, Chicago, Ill.

16838— Whistles (Steam)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashton Valve Co., 161 1st, Cambridge, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Benson Elect. Co., Superior, Wis.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
CROSBY STEAM GAGE & VALVE CO. ("Crosby"), 40 Central, Boston, Mass.
See adv index at end of book
Detroit Shipbuilding Co. (Brass Dept.), Ft. Orleans, Detroit, Mich.
Edna Brass Mfg. Co., Cincinnati, O.
Gamewell Fire Alarm Telegraph Co., New York
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Haydenville Co., Haydenville, Mass.
Hydrox Storage Battery & Mfg. Co., 802 Plum, Cincinnati, O.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsley Mfg. Co., 42 South av, Bridgeport, Conn.
Lonegran J. E. Co., 211 Race, Phila., Pa.
LOVSTED C. M. & CO. ("Toots-E" Electric), 316 1st av, So. Seattle, Wash.
See adv index at end of book
LUNKENHEIMER CO. ("Mockingbird"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Nason Mfg. Co., 71 Fulton, New York
Nathan Mfg. Co. (Single & Plain Bell & Chime, for Passenger Locomotives, etc), 416 E 106th, New York

WHISTLES (STEAM)—continued
Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
See adv index at end of book
Signal & Control Co., 161 Washington, New York
Star Brass Mfg. Co. ("Star"), 53 Oliver, Boston, Mass.
Swift Lubricator Co., Elmira, N. Y.
Union Water Meter Co. ("Worcester Steam Gong"), Worcester, Mass.
Walworth Mfg. Co., Boston, Mass.

16838a— *Whistles (Toy)

Bogert & Hopper, Inc. (Wood), 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

White China

See Porcelain (Hard)

16838b— White Enameling

Metal Crafters, E. Stroudsburg, Pa.

White Metal

See Castings, White Metal

16839—White Metal (Rolled Sheet)

American Brass Co. (Benedict Nickel), Waterbury, Conn.
See adv. index at end of book
Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co. (A Nickel Alloy Similar to German Silver), Seymour, Conn.

16840—White & Red Lead Mfrs.

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
Burgess Fobes & Co. (White Seal), Portland, Me.
Cambria Paint & Color Co. (Ltd.), (White Seal), Johnstown, Pa.
Carter White Lead Co., 12042 Peoria, Chicago, Ill.
Chadwick-Boston Lead Co. ("Forest River," "Boston Star," Dry & in Oil), Boston, Mass.
Chicago White Lead & Oil Co. (White Lead), 1454 S Western av, Chicago, Ill.
Continental Products Co. (Liquid & Semi-Paste Red), Quebec av, Cleveland, O.
Davis, H. B. Co., Bayard & Severn, Baltimore, Md.
Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
Eagle Paint & Varnish Mfg. Co., 225 Galveston, Pittsburgh, Pa.
Eagle Picher Lead Co. ("Sublimed," "Eagle," "Picher," in Oil), 208H La Salle, Chicago, Ill.
Eustin White Lead Co. (White Lead), Wabash Tracks, St. Louis, Mo.
Euston Process Co. (Pure White), Scranton, Pa.
French Samuel H. & Co. (Dealers & Grinders), 4th & Callowhill, Phila., Pa.
Fuller W. P. & Co. ("Pioneer"), 301 Mission, San Francisco, Cal.
Hammar Bros. White Lead Co. (White Lead Only), East St. Louis, Ill.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Hazard Lead Works, Hazardville, Conn.
Inland White Lead Co., 741 Boston av, Chicago, Ill.
Lawrence W. W. & Co. ("Lawrence" Strictly Pure Lead & Zinc, Combination Radium & Combination "White Star"), W Carson, Pittsburgh, Pa.
Lead Products Co. (Red Only), 3215 Papin, St. Louis, Mo.
Lehigh Chemical Co., Allentown, Pa.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Matheson Lead Co., 569 Vernon av, Long Island City, N. Y.
National Lead Co. ("Dutch Boy"), 111 B'way, New York
National Lead & Oil Co. (Of Pennsylvania), Commonwealth bldg, Pittsburgh, Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Patton Paint Co., Milwaukee, Wis.
Pflugh A. & Co., Hoboken, N. J.
Shoemaker Robert & Co. ("Imperial" White Lead), 4th & Race, Phila., Pa.
Smith J. Lee & Co. (Imp), 19 Jacob, New York
United Lead Co., 111 B'way, New York
Waterall Wm. & Co. ("Missouri" & "Blue Seal," White & "Luteco," "Watco" Red), Camden, N. J.
Wetherill & Bro., 126 S 30th, Phila., Pa.

16840a—Whites (Rubbermakers)

Du Pont E. I. de Nemours & Co. Inc. (Sales Dept., Lithopool, Dry Colors & Pigments Div.), Wilmington, Del.
See adv index at end of book

16841— Whiting (Gilders')

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Reichard-Coulston Co. (Imp. English Cliffstone, Paris White), 303 5th av, New York
Taintor H. F. Mfg. Co. ("Taintor's" Air Dry), 2 Rector, New York
Vanderbilt, R. T. Co., 50 E 42nd, New York
Waterbury Button Corp., 831 So. Main, Waterbury, Conn.
See adv index at end of book

16842—Whiting & Paris White Mfrs.

Acme White Lead & Color Wks., St. Aubin M. C. R. R., Detroit, Mich.
Bradford Jas. Co., Wilmington, Del.
Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Columbia Chemical Co., Frick bldg., Pittsburgh, Pa.
Columbia Products Co. (Whiting), Garfield bldg., Cleveland, O.
Coulston J. W. & Co. (Imp. English Cliffstone, Paris White), 80 Maiden la, N. Y.
Drakenfield B. F. & Co. (Selling Agents), 50 Murray, New York
Dunham Thos. C., 68 Murray, New York
Excelsior Whiting Works (E. T. Grafiy, Prop.), York & Almond, Phila., Pa.
Fergusson Alex C. Jr., 474 Chestnut, Phila., Pa. *See adv index at end of book*
FOX M. EWING CO. (In Bulk or Package), 241 E 136th, New York
Grote Geo. W. & Co., 430 E 102d, New York, & East St. Louis, Ill.
Hammill & Gillespie, 240 Front, New York
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Higginson Mfg. Co., Newburgh, N. Y.
Import & By Products Co., Inc. ("I P. M."), Trenton, N. J.
Industrial Chemical Co. ("Alba" Whiting), 200 5th av, New York
Katzenbach & Bullock Co., 440 Washington, New York
Kelley Bros. & Spielman (Inc.), Swanson & Moore, Phila., Pa.
Knappmann Wm. & Co., Grand, Brooklyn, N. Y.
Nevins Sam'l Co., 109 S 2nd, Phila., Pa.
Nulsen, Klein & Krausse Mfg. Co., Main & Sidney, St. Louis, Mo.
Oxidite Mfg. Co., Arlington Mass.
Philadelphia Whiting Works, 2609 E York, Phila., Pa.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Southwark Mfg. Co., Camden, N. J.
Stickney, Tirrell & Co., 31 Milk, Boston, Mass.
Taintor H. F. Mfg. Co. (Commercial & Gilders' Whiting, "Westminster" & "Victoria" Paris White), 2 Rector, New York
Vanderbilt, R. T. Co. ("Quaker" Whiting), 50 E 42nd, New York
Wetherill Geo. D. & Co., 114 N Front, Phila., Pa.

16842a—Wick (Asbestos & Cotton)

California Cotton Mills Co., Oakland, Cal.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Weaving & Belting Corp., East Rochester, N. Y.
General Asbestos & Rubber Co., Charleston, S. C.
Hooper Wm. E. & Sons, 3502 Parkdale av, Baltimore, Md.
Multibestos Co., Walpole, Mass.
Sall Mountain Co. (Asbestos Only), 305 S La Salle, Chicago, Ill.

16843— Wickets

Dufur & Co., 311 N Howard, Baltimore, Md.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stolz Jos. & Son, Inc., 841 E 136th, New York
TYLER W. S. CO. (Ornamental), Cleveland, O. *See adv index at end of book*
Wickwire Spencer Steel Corp. (All Metals & Finishes), Worcester, Mass.
See adv index at end of book
Wis. Iron & Wire Wks. (Wire, Steel, Brass & Bronze), 1660 Booth, Milwaukee, Wis.

16843a— Wickets (Ornamental)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.

16844— Wicks (Felt, for Electric Motors, Etc.)

BRAWLEY T. R., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Star Felt Cutting Co., 260 69th, Brooklyn, N. Y.
Tingue, Brown & Co., 118 E 25th, New York
Western Felt Works, 4115 Odgen av, Chicago, Ill.

16845—Wicks (Lamp, Candle, Etc.)

Aladdin Industries Inc. (Kerosene, Round), **348H Ashland, Chicago, Ill.**
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Bishop R. Mfg. Co. ("Keystone," "Arrow," "Paragon," Ball Wicking), 157 W Sixth, South Boston, Mass.
Brawley T. R. (Felt), 275 20th, Brooklyn, N. Y. *See adv index at end of book*
California Cotton Mills Co., Oakland, Cal.
Cleveland Mill & Power Co., Lawndale, N. C.
Eagle Cotton Mills Co. (Candle Wicks Only), Madison, Ind.
Empire Weaving & Belting Corp., East Rochester, N. Y.
Estes Mills ("Sterling" Miners & Candle), Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co. (Lamp, Cotton Ball, Candle, etc), 350 Parkdale av, Baltimore, Md.
International Braid Co. (Stove), 47 Charles, Providence, R. I.
Jackson, Thos. & Son Co., Reading, Pa.
Lees Mfg. Co. (Candle, Miners', Cotton Ball, etc), Westport, Conn.
Louisville Cotton Mills Co. (Miners' or Ball), Louisville, Ky.
Malden Knitting Mills, Malden, Mass.
Massasoit Mfg. Co., Fall River, Mass.
Pettit & Co., Lockport, N. Y.
Pioneer Cotton Mills (For Searchlights), Guthrie, Okla.
Richards Fred J (Torch, Miners, etc), Springfield, Mass.
Southern Mills Corp., Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Westport Mfg. Co. (Candle, Miners, etc), **Fall River, Mass.**

16846—Wicks (Searchlight)

Pioneer Cotton Mills, Guthrie, Okla.

16847— Wigwams

Onondaga Indian Wigwam Co., Syracuse, N. Y.

16848— Willow Ware Mfrs.

See also Furniture (willow)

Acomb C. W., Cincinnati, O.
Aiken Edwin V., Liverpool, N. Y.
Appenzeller W. H., Greenville, O.
Bahn Henry W., Liverpool, N. Y.
Bahn John & Sons, Liverpool, N. Y.
Bailie Basket Co., 82 Sudbury, Boston, Mass.
Bellaire L. & Sons, 17 Stephenson, Buffalo, N. Y.
Bethman August, Dublin, Pa.
Bielecky Bros., Inc., 705 3rd av, New York
Bombayreed Willow Furniture Co., 5155 Wakefield, Phila., Pa.
Boston Willow & Willow Craft Shops, 42 Everett, Boston, Mass.
Burlington Basket Co., Burlington, Iowa
Cook John & Son, 219 N 10th, Reading, Pa.
Crawford Basket Co., Liverpool, N. Y.
Deltour John, 901 Jefferson, Hoboken, N. J.
Duerr, Peter & Bros., 110 Willow, Liverpool, N. Y.
Fess Bros., 412 Ames, Rochester, N. Y.
Fichtner Wm., 723 N 2nd, Phila., Pa.
Ficks Carriage & Reed Co., Cincinnati, O.
Giordana P. & Co., 600 Paterson av, West Hoboken, N. J.
Goebert John, 127 Church, Phila., Pa.
Grace J. Watson, 139 N Front, Phila., Pa.
Gumser A. W. & Co., Holland, Mich.
Haywood Bros. & Wakefield Co., Wakefield, Mass.
Hovasse A., 100 Clinton, Chelsea, Mass.
Huke Wm. Mfg. Co., 1007 S 7th, St. Louis, Mo.
Jacobson S. A., Co., Inc., 217 Mercer St., New York
Jeibmann Harry, Orenco, Ore.
Kahley Joseph, 733 E. Edison, York, Pa.
Kelly Bros., Gardener, Mass.
Kisselstein Will., R. F. D. No. 3, Central Square, N. Y.
Knapp Jacob, 133 Brow St., Liverpool, N. Y.
Krausher Geo., Liverpool, N. Y.
Lehne Miller Co., Liverpool, N. Y.
Lehne Rudolph, 109 Second St., Liverpool, N. Y.
Lenherd C. M., 21 Welcher, Rochester, N. Y.
Lincoln State School & Colony, Lincoln, Ill.
McHugh Joseph P. & Son, 9 W. 42nd New York
Madison Basket Co., Madison, O.
Mahony P., 819 E. 5th St., New York
Marnhout D. Basket Co., 816 Progress, Pittsburgh, Pa.
Marnhout Geo., 321 So. 2nd, Philadelphia, Pa.
Meinecke Mfg. Co., Milwaukee, Wis.
Miller Wm., Liverpool, N. Y.
Minnet & Co., 365 Lexington Ave., New York
Mudge F. D., 226 E. 6th, Rochester, Minn.
Muller, Joseph C., 384 Hague St., Rochester, N. Y.
Neutzell Chas., Liverpool, N. Y.
Nowack Frank, Liverpool, N. Y.
Parker Frank A. Co., 31 Troup, Rochester, N. Y.
Porter & Co., 27 Creek Sq., Boston, Mass.
Rattan Furniture Mfg. Co., 2648 15th Ave. West, Seattle, Wash.

Russin & Hanfling, 114 W. 28th, New York
Schafer Jos., Liverpool, N. Y.
Schmidt John, Cincinnati, O.
Sperling A., 354 3rd Ave., New York
Stappen Wm., 237 So. 10th, Phila., Pa.
Traister Basket Co. Wm., Liverpool, N. Y.
United States Willow Furniture Co., 13th & Grand, Hoboken, N. J.
Voigt Edward, 269 145th St. West, Philadelphia, Pa.
Westgate Fred H., Liverpool, N. Y.
Wisconsin Workshop for the Blind, 1312 Fond du Lac Ave., Milwaukee, Wis.
Wunder W. L., 529 Penn St., Reading, Pa.
Wyker Co., Fred, Liverpool, N. Y.
Zinn Charles & Co., 893 Broadway, N. Y.

16849—Winches (Deck, Steam & Electric)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Vulcan Mfg. Co., 1200 4th av, So. Seattle, Wash.

16850—Winches (Electric & Steam)

Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Dake Engine Co., Grand Haven, Mich.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Elmes Chas. F. Engineering Works, Cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
LIDGERWOOD MFG. CO. (Steam & Electric), 96 Liberty, New York *See adv index at end of book*
Morris Elmer P. Iron Wks. Inc. (Electric), 136 Liberty, New York
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
National Hoisting Engine Co. (Winches Only), Harrison, N. J.
Puget Sound Machinery Depot, 318 1st av, Seattle, Wash.
SHEPARD ELECTRIC CRANE & HOIST CO. (Electric Only), Montour Falls, N. Y. *See adv index at end of book*
Sprague Electric Works (For Haulage Purposes), 527 W 34th, New York
Vulcan Mfg. Co., 1200 4th av, Seattle, Wash.

16851—Winches (Motor Power)

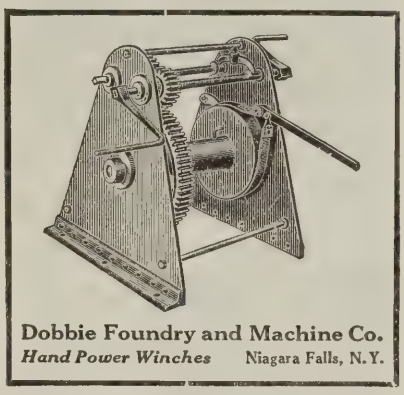
Erie Clutch & Pulley Co. ("The Erie"), Erie, Pa.
International Motor Co., 262 W 64th, New York

16852—Winches—Hand Power (Derrick, Portable & Truck)

Acme Road Machinery Co., Frankfort, N. Y.
American Hoist & Derrick Co., St. Paul, Minn.
Baltimore Car & Foundry Co. (Derrick), Pittsburgh, Pa.
Bethlehem Shipbuilding Corp. Ltd. (Mooring, Electric & Steam), Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Brown Hoisting Machinery Co. (Winches Only), 4403 St. Clair, N. E., Cleveland, Ohio
Charleston Iron Works, Charleston, S. C.
Chase Machine Co. (Double Drum Hoisting Winches), Cleveland, Ohio
CLYDE IRON WORKS SALES CO., Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*
Hesse-Martin Iron Works (Winches for Contractors, etc.), 468 E Taylor, Portland, Ore.
Kelly L. J. Mfg. Co. (Winches & Truck Windlasses), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Oliver Wm. J. Mfg. Co. (Winches), Knoxville, Tenn.
Round D. & Son, Cleveland, O.
Sasgen Derrick Co. ("Sasgen" Winches, also Steel Frame Portable Winches), 3101 W. Grand av, Chicago, Ill.
Seattle Machine Works (Contractors' Winches), Seattle, Wash.
Sybilla Elevator & Machine Co., 214 W Ontario, Chicago, Ill.
Terry & Tench Co. (Inc.), (Wood & Steel Frame Winches), 70 E. 45th, New York
Vulcan Mfg. Co., 1200 4th av, So. Chicago, Ill.
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

16853—Winches & Windlasses

Acme Road Machinery Co., Frankfort, N. Y.
American Engineering Co. ("Providence," Hand, Steam & Electric, Gypsy & Yacht Windlasses), Aramingo av & Cumberland, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn. *See adv index at end of book*
Baker Iron Wks. (Steam Winches), Los Angeles, Cal.
Baltimore Car & Foundry Co. (Derrick), Pittsburgh, Pa.
Brown Hoisting Machinery Co. (Winches Only), 4403 St. Clair, N. E. Cleveland, Ohio
Channon Jas. H. Mfg. Co. (Hand Power), 227 W Erie, Chicago, Ill.
Chase Machine Co., 2313 Elm (Double Drum Hoisting Winches), Cleveland, Ohio
Clyde Iron Works Sales Co., Duluth, Minn. *See adv index at end of book*
Dake Engine Co., Grand Haven, Mich.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. *See adv index at end of book*



Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Gillie Machine Co. ("Gypsy" Windlasses & Tow Posts), Tonawanda, N. Y. *See adv index at end of book*
Hadfield-Penfield Steel Co. (The), Bucyrus, O. *See adv index at end of book*
Hallidie Co., Spokane, Wash.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hesse-Martin Iron Works (Winches for Contractors, etc.), 468 E Taylor, Chicago, Ill.
Horton John T. (Winches), 157th & 8th av, New York
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Hyde Windlass Co. (Steam Coaling & Electric), Bath, Me.
Irving Mfg. & Tool Co. (Cargo Winches), 157 Chambers, New York
Jackson & Church Co. (Steam Winches), Saginaw, Mich.
Kelly L. J. Mfg. Co. (Winches & Truck Windlasses), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lake Shore Engine Works (Hand Windlasses), Marquette, Mich.
Laughlin Thos. Co. (Windlass Only), Portland, Me. *See adv index at end of book*
Main Iron Works (Anchor Windlasses), 16th & Daggett, San Francisco, Cal.
Marine Hardware Co. (Hand), Peabody, Mass.
Marine Hardware-Equipment Co. ("Acme" & "Mehco"), So. Portland, Me. *See adv index at end of book*
Marine Mfg. & Supply Co., 158 Smith, New York
Morris Elmer P. Iron Works (Inc.) (Electric), 136 Liberty, New York
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Murray Bros. Machine Wks. (Cary & Winches), 231-233 Folsom, San Francisco, Cal.
National Hoisting Engine Co. (Winches Only), Harrison, N. J.
Neptune Hardware Mfg. Co., 29 Murray, New York
Northwestern Iron Works, Seattle, Wash.
Oliver Wm. J. Mfg. Co. (Winches), Knoxville, Tenn.
Puget Sound Machinery Depot, 318 1st av, So. Seattle, Wash.
Reed Geo. A. & Son (Vessel Windlasses), Gloucester, Mass.
Round D. & Son, Penn R. R. & Henry, Cleveland, Ohio
Sasgen Derrick Co. ("Sasgen" Winches, also Steel Frame Portable Winches), 3101 W Grand av., Chicago, Ill.
Seattle Machine Works (Contractors' Winches), 51 W. Lander, Seattle, Wash.
Speidel J. G., Reading, Pa. *See adv index at end of book*
Street Bros. Machine Works (Ship), Chattanooga, Tenn.
Superior Iron Works Co. (Mooring Winches), Superior, Wis.
Terry & Tench Co. (Inc.) (Wood & Steel Frame Winches), 70 E 45th, New York
Torry Roller Bushing Works, Bath, Me.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilcox, Crittenden & Co., Inc. ("Gypsy" & "Navy," Hand Windlasses), Middletown, Conn. *See adv index at end of book*
Willamette Iron & Steel Wks., Portland, Ore.

16854—Wind Shields (Automobile)

Adapt Machinery Co. The, 1624 Wabash av, Chicago, Ill.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Anderson F. W. & Co. ("Quality"), Brown & Uber, Phila., Pa.
Atlas Specialty Mfg. Co. (& Rain), 18 E 24th, Chicago, Ill.
Auto Brass Mfg. Co., 56 Friendship, Providence, R. I.
Automobile Equipment Co., Detroit, Mich.
Automobile Specialties Co. ("McGiffin"), E E, Jenkins Arcade, Pittsburgh, Pa.
Banker Wind Shield Co. ("Banker"), 5722 Ellsworth av, Pittsburgh, Pa.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Broc Carriage & Wagon Co., N E, Cleveland, O.
Buob & Scheu, 216 Webster, Cincinnati, O.
B. & B. Mfg. Co. ("Superior"), 6528 Caraegil av, Cleveland, O.
Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.
Clark A. N. & Son ("Clark Tonneon"), Plainville, Conn.
Coleman J. C., 137 E Gd. blvd, Detroit, Mich.
Collins G. A. & Son ("Collins"), Akron, O.
Douglas & Lomason Co., 5836 Lincoln av, Detroit, Mich.
Earl Automobile Works, Los Angeles, Cal.
English & Mersick Co. ("E. M. Talor"), New Haven, Conn.
Fellweck Automobile & Mfg. Co. ("Perfect"), Evansville, Ind.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler," Automatic), 59 E 24th, Chicago, Ill.
Gemco Mfg. Co. ("Gemco"), Milwaukee, Wis.
Guarantee Tire & Rubber Co. ("Long Distance"), Indianapolis, Ind.
Hill Mfg. Co. ("Hill"), 23 Fuller, Buffalo, N. Y.
Hillman Auto Supply Mfg. Co. ("Hillman"), 93 Massachusetts av, Boston, Mass.
Holcker-Elberg Mfg. Co. ("Holcker-Elberg"), 16th & McGee, Kansas City, Mo.
Huttig Sash & Door Co., 1208H S Vandeventer av, St. Louis, Mo.
Irvin R. J., Manufacturing Co., Indianapolis, Ind.
Jacobson Bros. ("Jacobson"), 254 Central, Newark, N. J.
Jonah & George, Merrimac, Mass.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Limousine-Carriage Mfg. Co. ("Voltz," "Schildback" & "Beecher"), 3515 S Michigan av, Chicago, Ill.
London Auto Supply Co. ("Lasco," "London"), 2540 S Wabash av, Chicago, Ill.
Longdin Brugger Co., Fond du Lac, Wis.
Lyons Hugh & Co. ("Lyons"), Lansing, Mich.
Martin Auto Specialty Co. ("Martin"), Lancaster, Mass.
Motor Products Co., Mack & Outer Belt Line, Detroit, Mich.
Motor Products Corp. ("Vanguard"), Mack av & Outer Belt Line, Detroit, Mich.
Mutual Auto Accessories Co. ("J. H."), 1777 Broadway, New York
National Auto Top Co. ("National"), 244 W 49th, New York.
New England Auto Top & Body Co., 317 W 47th, New York
Page Steel Wire Co., Adrian, Mich.
Paterson Vehicle Co., Paterson, N. J.
Pence Automobile Co. ("Pence"), 800 Hennepin av, Minneapolis, Minn.
Pierce Governor Co., Anderson, Ind.
Polson Mfg. Co., Buffalo, N. Y.
Quinby J. M. & Co., 27 Division, Newark, N. J.
Racine Auto Top Co. ("The Racine"), Racine, Wis.
Riley Bros. ("Riley"), Bridgeton, N. J.
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
Russell H. J. ("Angle"), Worcester, Mass.
Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.
SLANE O. W. GLASS CO., York, Pa.
Smith H. Lund, Paterson, N. J.
Smith Joseph N. & Co. (For Closed Motor Bodies), 2461 E Grand blvd, Detroit, Mich.
Standard Cabinet Mfg. Co. (Tiller Boards, Also Auto Dashes), Peru, Ind.
Stewart-Carey Glass Co. ("Gibralter," "Kamah"), Indianapolis, Ind.
Superior Mfg. Co., Ann Arbor, Mich.
Troy Carriage Sun Shade Co. ("Troy"), Troy, O.
Twentieth Century Garage ("Williams"), 121 S Ludonette, South Bend, Ind.
Wadsworth Mfg. Co., Kercheval & Connors ck, Detroit, Mich.
Western Mechanical Works ("Western Universal," "Kingley"), Los Angeles, Cal.

16855— Winders (Dump Scow, Steam)

Superior Iron Works Co., Superior, Wis.

16856— Winders (Invoice)

Forest City Machine Co. ("Invo" Winder Measuring Laces, Ribbons, Embroideries, etc), Rockford, Ill.

16857— Winders (Magnet)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Cleveland Specialty & Mfg. Co., Cleveland, O.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Universal Winding Co. ("Leesona"), 95 S Boston, Mass.

16858—Winders (Oyster Dredge)

Hettinger Engine Co., Bridgeton, N. J.
Page Engineering Co. ("Oriole"), Clagett & Hull, Baltimore, Md.

16858a— Winders (Rag)

WILLIAMS FOUNDRY & MACHINE CO., Akron, O. *See adv index at end of book*

16859— Winders (Spring)

See also Spring Coiling Machines

Hjorth Lathe & Tool Co. ("Perfection" for Wire Springs), 27 School, Boston, Mass.

16860—Winding (High Tension)

Acme Wire Co., New Haven, Conn.
Dudlo Mfg. Co. ("Dudlo"), Ft. Wayne, Ind.

Windlasses

See Winches & Windlasses

16861—Windlasses (Arc Lamp)

Ayer F. H. Mfg. Co., Chicago Heights, Ill.
Brady Electric Mfg. Co., New Britain, Conn.
Commercial Electrical Supply Co. ("Eddy"), B'way & Spruce, St. Louis, Mo.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Fletcher Mfg. Co., Dayton, O.
Line Material Co. (Self-Locking), S Milwaukee, Wis.

16862—Windlasses (Barrel & Keg)

Oram John S. Co., 1316 E 53rd, Cleveland, O.

16862a—Windlasses (Ship, Yacht & Vessel)

American Engineering Co. ("Providence" Hand, Steam & Electric, Gypsy & Yacht Windlasses), Aramingo av & Cumberland, Phila., Pa.
Bethlehem Shipbuilding Corp. Ltd., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Flory S. Mfg. Co., Bangor, Pa.
Gillie Machine Co. ("Gypsy" Windlasses & Tow Posts), Tonawanda, N. Y.
Hallidie Co. (Anchor Dealers), Spokane, Wash. *See adv index at end of book*
Hyde Windlass Co. (Steam Coaling & Electric), Bath, Me.
Irving Mfg. & Tool Co. (Cargo Winches), 157 Chambers, New York
Lake Shore Engine Works (Hand Windlasses), Marquette, Mich.
Laughlin Thos. Co. (Windlasses Only), Portland, Me.
Marine Hardware-Equipment Co. ("Acme" & "Mehco"), So. Portland, Me. *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Reed Geo. A. & Sons (Vessel Windlasses), Gloucester, Mass.
Superior Iron Works Co. (Mooring Winches), Superior, Wis.
Torry Roller Bushing Works, Bath, Me.
Wilcox, Crittenden & Co., Inc. ("Gypsy" & "Navy") Hand Windlasses), Middletown, Conn. *See adv index at end of book*

16863— Windmills

Aermotor Co. ("Aermotor"), 2500 W 12th, Chicago, Ill.
Althouse-Wheeler Co. (Wood or Steel Wheel Pumping; also Geared Wood Wheel), Waupun, Wis.
Appleton Mfg. Co. ("Goodhue"), Batavia, Ill.
Baltimore Cooperage Co., Ostend & Leadenhall, Baltimore, Md. *See adv index at end of book*
Baker Mfg. Co. ("Monitor"), Evansville, Wis.
Beckman Bros. ("B-B"), Des Moines, Ia.
Breyer Bros., Whiting Co., Waupun, Wis.
Butler Co. (Steel & Wood, Oilless), Butler, Ind.
Caldwell W. E. Co., Louisville, Ky.
Celina Mfg. Co. ("Monarch"), Celina, O.
Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.
Church Stephen B., Seymour, Conn.
CORCORAN A. J. (INC.), 745 Jersey av, Jersey City, N. J. *See adv index at end of book*
Currie Wind Mill Co., Topeka, Kans.
Dempster Mfg. & Supply Co., Des Moines, Ia.
Duplex Mfg. Co. ("Duplex," "Superior"), Superior, Wis.
Elgin Wind Power & Pump Co. Elgin, Ill.
Fairbanks, Morse & Co. ("Eclipse," "Fairbanks-Morse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Star"), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Hellen-Aller Co., Napoleon, O.
Horicon Wind Mill Co. (Steel), Horicon, Wis.
Ideal Engine Co., Lansing, Mich.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Jackson Byron Iron Works, Berkeley, Cal.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kregel Windmill Co., Nebraska City, Neb.
Leach Windmill & Tank Co., Joliet, Ill.
McDaniel & Son, Litchfield, Ill.
Mast, Foos & Co. ("Imperial" Iron Turbine, etc), Springfield, O.
Mt. Pulaski Wind Mill Co., Mount Pulaski, Ill.
Northwestern Wind Engine Co., 110 3d av, Minneapolis, Minn.
Pacific Pump & Supply Co. (Jobber), 853 Folsom, San Francisco, Cal.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Windmill Co. ("I. X. L.") (Steel & Wood), Kalamazoo, Mich.
Portable Elevator Mfg. Co. ("Samson"), Bloomington, Ill.
Rawleigh W. T., Freeport, Ill.
Reader Jno. B., Delavan, Wis.
Red Cross Mfg. Co., Bluffton, Ind.
Red King Co., Wauseon, O.
Rork M. D. Mfg. Co., Lansing, Mich.
Sandwich Mfg. Co., Sandwich, Ill.
Schmidt Geo., East Williston, N. Y.
Smith & Pomeroy Windmill Co. ("Eureka")) Kalamazoo, Mich.
Southern Rock Island Plow Co., Dallas, Tex.
Stover Mfg. & Engine Co. ("Samson" Steel, etc.), Freeport, Ill.
Tanner D. F., Holland, N. Y.
U. S. Supply Co., Omaha, Neb.
U. S. Wind Engine & Pump Co. ("Model B," "Halladay," Wood & Steel), Batavia, Ill.
Walker Mfg. Co. ("Baldwin"), Council Bluffs, Ia.
Winter F. W. & Co., Faribault, Minn.
Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.
Woodmanse Mfg. Co. (Steel, Wooden & Power, etc), Freeport, Ill.

16864—Window Blind Adjusters

Ives H. B. Co. ("Upson's"), New Haven, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Wire Goods Co., Worcester, Mass.

16865—Window Cleaning Appliances & Guards

Perfect Safety Window Guard, 15 E 40th, New York
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Whitner Two Rope Safety Co., 439 S Clark, Chicago, Ill.
Window Cleaners' Improved Belt & Device Co. ("Royal" Improved Safety), 62 W Washington, Chicago, Ill.

16866—Window Display Fixtures

American Brass Fixture Works (Brass & Nickel Plated), 66 Greenpoint av, Brooklyn, N. Y.
Barlow Co. (Wax Figures, Show Cases, Papier Mache Forms), Holyoke, Mass.
Burgess Machine Co., New Haven, Conn.
Culver Irwin G. Co. (Wax Figures), 60 E 8th, New York
Curtis-Leger Fixture Co., 235 W Jackson blvd, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Feldman L. A. Fixture Co., 24 W 30th, New York
Finkelstein & Co. (Papier Mache Figures, Metal Stands, etc), 48 Mangin, New York
Frankel Display Fixture Co., 177 Hudson, New York
Great Western Fixture Works (Papier Mache Forms & Wax Figures), 211 W Schiller, Chicago, Ill.
Greenwald Display Fixture Co. (Wax Figures & Forms), 234 5th av, New York
Hall-Borchert Dress Form Co., 101 Park av, New York
Heimann Morris A. Mfg. Co., 1402 Washington av, St. Louis, Mo.
Hoggson S. H. & Co. (Mechanical Moving Attractions), 27 Thames, New York
Kayline Co., 312 High av, Cleveland, O.
Kehoe Display Fixture Co. (Wax Figures & Papier Mache Forms), 541 Market, San Francisco, Cal.
Kolar Bros. (Wood Stands, etc.), 9 Baxter, New York
Lyons Hugh & Co., Lansing, Mich.
Morewood Standard Safety Devices Co., 253 B'way, New York
Multiplex Display Fixture Co. (also Office & Store), 918 N 10th, St. Louis, Mo.
Newman Mfg. Co. (Wax Figures & Forms & Mechanical Display Fixtures), 722 Sycamore, Cincinnati, O
See adv index at end of book
Novelty Wire Works, 840 B'way, New York
O. K. Display Fixture Co. (Papier Mache Figures), 27 Broome, New York
Onken Oscar & Co. (Wood), 4th & Cutter, Cincinnati, O.
Palmenberg's J. R. Sons, 63 W 36th, New York
Polay Fixture Service Co. (Window Shelves, Wood Fixtures, etc), 515 W Halstead, Chicago, Ill.
Royal Display Fixture Co. (Metal & Wooden), 312 B'way, New York
Smith Winfield H. (Mechanical Revolving), Buffalo, N. Y.
Standard Mfg. Co., Xenia, O.
Superior Brass & Fixture Co., 312 W Jackson blvd, Chicago, Ill.
Turner Fixture Co. (Wood), Hannibal, Mo.
Weston Paper & Mfg. Co. (Also Store), Dayton, O.

16867—Window Frame & Sash (Metallic)

See also Windows, Fire-Proof, Wire Glass

American Sheet Metal Works (Hollow Metal), 3427 S Carrollton, New Orleans, La.
Art Metal Fireproof Door & Trim Co., 2724 Wentworth av, Chicago, Ill.
Barnes & Nuss Co., Grand Forks, N. D.
Basman A. M. & Co., 468 Fort W, Detroit, Mich.
Biegler Louis Co., 167 N Curtis, Chicago, Ill.
Biersach & Niedermeyer Co., 220 5th, Milwaukee, Wis.
Bostwick C. G., Hartford, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Burton W. J. Co. (Automatic Fireproof), Junction & Federal, Detroit, Mich.
Byrd John, 1427 Catharine, Phila., Pa.
Cal. Fire Proof Door Co. (Metal Covered), ("Wilcox"), 1931 S Los Angeles, Cal.
Chesley A. C. Co., 275 Rider av, New York
Chicago Fire Window & Cornice Co., 1035 W Van Buren, Chicago, Ill.
Clason Architectural Metal Works (Hollow Metal), 428 Kinsley av, Providence, R. I.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Cushing Daniel & Co., Lowell, Mass.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Decatur Cornice & Roofing Co., New Decatur, Ala.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn. *See adv index at end of book*
Eller Mfg. Co., Canton, O.
Empire Art Metal Co. Inc., College Point, L. I., N. Y.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Fougner Concrete Steel Co., 29 B'way, New York
Hastings Foundry & Iron Works, Hastings, Neb.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
Hayes Geo. Co., 311 E 23d, New York
Herrmann & Grace Co., 671 Bergen, Brooklyn, N. Y.
Herzog Iron Works, St. Paul, Minn.
Hicks S. D. & Son, 9 Bowker, Boston, Mass.
Hopmann Cornice Co., 2573H Benton, St. Louis, Mo.
Howie Roofing Co., Detroit, Mich.
Illinois Art Metal Co., Springfield, Ill.
International Casement Co., Jamestown, N. Y.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
International Steel & Iron Co., Evansville, Ind.
Kawneer Mfg. Co. ("Kawneer" & Solid Steel), Niles, Mich.
Kirk W. P. Co., Bridgeport, Conn.
Klauer Mfg. Co., Dubuque, Ia.
Knisely Bros., 2799 5th av, Chicago, Ill.
Knisely H. C. Co., 1908 S Western av, Chicago, Ill.
Knoburn Co., Hoboken, N. J.
Lawton Stephens Co. (Bronze, Copper or Steel), 427 Marcy av, Brooklyn, N. Y.
LEE THOMAS & SON CO. (Automatic Closing & Sliding Sash), 129 W 2nd, Cincinnati, O.
Leonard Sheet Metal Works ("Leonard" Combined Sliding & Revolving Sashes & Ideal Windows), Hoboken, N. J.
Louisville Cornice & Roofing Co., Louisville, Ky.
Lupton's David Sons Co. ("Lupton" & "Pond" Continuous Steel Sash), Allegheny av & Tulip, Phila., Pa.
Lyster Sheet Metal Co., 1220 Filbert, Phila., Pa.
McFarland J. C. Co., 520 W 36th, Chicago, Ill.
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
McFarland, Meade Co., Woodland av & 46th, Phila., Pa.
MACHWIRTH BROS. CO., 201-9 Oak, Buffalo, N. Y.
Manhattan Iron & Steel Sales Co. ("Atlas" Lock-Bar), 122 E 132d, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co. (Solid Section Steel Sash), Evansville, Ind.
Metallic Mfg. Co., Camden, N. J.

Miller J. A. & Bro., 427 N Ashland, Chicago, Ill.
Moeschl-Edwards Corrugating Co., Covington, Ky.
National Metallic Sash Co., 355 Union Park ct, Chicago, Ill.
National Skylight & Ventilator Co., Rochester, N. Y.
Newark Cornice & Skylight Works (Automatic), 9-17th av, Newark, N. J.
Northwestern Roofing, Cornice & Stamping, Works, 1111 S 5th, Minneapolis, Minn.
Ohio Roofing & Asbestos Co., 525 Columbus, Cleveland, O.
Perkinson & Brown, 412 N Lincoln, Chicago, Ill.
Pomeroy S. H. Co., 282 E 134th, New York
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
Pruden C. D. Co. (Metal), Dock & Warner & Dock, Baltimore, Md.
Rasner & Dinger Co., 850 W North, Pittsburgh, Pa.
Ray, Daisley & Co., 61 Fulton, Brooklyn, N. Y.
Reliance Fireproof Door Co., West & Milton, Brooklyn, N. Y.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Riester & Thesmacher, 1512 W 25th, Cleveland, O.
Rudolph & Son Co., 416 Prospect av, N W, Cleveland, O.
Ruth J. F., 4249 Easton, St. Louis, Mo.
Schoedinger F. O., 142 N 3d, Columbus, O.
Simplex Window Co., 525 Market, San Francisco, Cal.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Valley Cornice & Slate Co. (Ltd.), Saginaw, Mich.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Voigtmann & Co., 445 W Erie, Chicago, Ill.
Wagner J. F. Sons Co., 1145 S 7th, Louisville, Ky.
Watson Jas. H. Co. (Hollow Metal), Bradley, Ill.
Weis Henry Cornice Co. (Weis Steel), Kansas City, Mo.
Westergren M. F. (Inc.), 213 E 144th, New York
Weyand Hy. Co., Waterbury, Conn.
Willis Mfg. Co., Galesburg, Ill.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wis. Iron & Wire Works, 1660H Booth, Milwaukee, Wis.
World Fire-Proof Door Corp., 145th & Southern blvd, New York
Zahner Metal Sash & Door Co., Canton, O.

16868—Window Frame & Sash (Wrought Steel)

Allison Steel Products Co., Dept. H, Chester, Pa.
Bayley Wm. Co. ("Bayley-Springfield"), Springfield, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Detroit Steel Products Co. ("Fenestra"), 2250 E Grand blvd, Detroit, Mich.
Empire Art Metal Co., Inc, College Point, L. I., N. Y.
Kawner Mfg. Co. (Fireproof), Niles, Mich.
Lightwell Steel Sash Co., Wilmington, Del.
Lupton's David Sons Co. ("Pond"), Allegheny av & Tulip, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Schreiber L. & Sons Co. (Also Cast Iron), 3869 Ivanhoe, Cincinnati, O.
Steelite Co., 1902 W 77th, Cleveland, O.
Streeter Clip & Specialty Co. ("Streeter's"), 4101 Ravenswood av, Chicago, Ill.
Truscon Steel Co. ("Truscon"), Youngstown, O.
TYLER W. S. CO. ("Tyler," Steel Sash), Cleveland, O. *See adv index at end of book*
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

16869—Window Frames (Reversible)

Amos Chas. & Co. Inc. (Wire), 2990-3000 Hart av, Detroit, Mich.
Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.

16870-1-2-3—Window Guards

See also Fire Fences & Gates; Grilles, Wrought Iron; Iron, Architectural & Ornamental; also Bank & Office Railings; also Bronze, Architectural, Etc.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Barnes Wire Fence Co., 1930 Ferry Pk av, Detroit, Mich.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Chattanooga Roofing & Foundry Co., H W Missionary av, Chattanooga, Tenn.
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, Ohio
Dufur & Co. (Wire), 311 N Howard, Baltimore, Md.
Fiske J. W. Iron Works, 111 Park pl., New York
Fort Pitt Steel & Iron Wks., 802H Fulton bldg, Pittsburgh, Pa.
Heath J. S. Co., Franklin & Ontario, Chicago, Ill.
Mack Iron & Wire Works, Sandusky, O.
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
Page Steel & Wire Co., Adrian, Mich.
Republic Structural Iron Wks. Division, 1350H E 53rd, Cleveland, O.
Smith F. P. Wire & Iron Works ("Suransafe" Removable "Triangular" Steel), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

Window Opening Devices

See Skylight Ventilating Apparatus

16874—Window Sash Pivots

International Window Mfg. Co. ("George"), 2007 W Allegheny av, Phila., Pa.
Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.
Smith Frank F Hardware Co. ("Smith's Improved" Metal Only), 81H Clay, Newark, N. J.
Steiner & Voegtly Hardware Co. ("Giesey's"), 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.
Yates J. W. (With Gravity Stops), 168 8th av, New York

16875—Window Sash (Reversible)

Bolles Aerial E. ("Bolles" Revolving), 52 Duane, New York
Dean Reversible Window Co., 551 Brannon, San Francisco, Cal.
Deissler P. & Bro., 249 S 6th, Phila., Pa.
Forderer Cornice Works, 269 Potrero av, San Francsico, Cal.
Hipolito Screen & Sash Co., Los Angeles, Cal.
International Window Mfg. Co. ("George" Pivot Window), 2007 W Allegheny av, Phila., Pa.
Leonard Sheet Metal Works ("Ideal" Ventilating), Hoboken, N. J.
Metal Reversible Window Device Co., Fremont, O.
Pruden C. D. Co. (Metal), Dock & Warner, Baltimore, Md.
Tabor Sash Fixture Co., Main Office & Factory, 69 Polk, Newark, N. J.

Window Screen Cloth

See Wire Cloth, Window Screen

16876—Window Screen & Awning (Combined)

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.

16877—Window Shade Fixtures

Steelton Mfg. Co. (Adjustable Metal Strip), Steelton, Pa.

16878—Window Shade Mfrs.

Bailey & Weston, 81 Washington, Boston, Mass.
Bosch Henry Co., 525 S Wabash av, Chicago, Ill
Breneman Chas. W. & Co., 2645 Reading rd., Cincinnati, O.
Caxton School Supply Co. ("Caxton" "Chicago" Adjustable), 560 W Monroe, Chicago, Ill.
Columbia Mills, 225H Fifth av, New York
Hamilton Mfg. Co., Anderson, Ind.
Hees-MacFarlane Co., 957 Hubbard, Detroit, Mich.
Kloes F. J., 243 Canal, New York
Ordinator Co., 101 Park av, New York
Pinney, Casse & Lackey Co., Fremont, Jersey City, N. J.
Standard Stamping & Die Co., 153 33rd, Brooklyn, N. Y.
Talbert-Whitmore Co. ("Damask"), Los Angeles, Cal.
Volker Wm. & Co., N W cor 3d & Main, Kansas City, Mo.
Weiss & Klau Co., 462 B'way, New York

16879—Window Springs (Burglar Alarm)

Bernz Otto, 27 Ashland, Newark, N. J.
Edwards & Co., 140 & Exterior, New York
Farrington & Co., Mt. Vernon, N. Y.
Manhattan Electrical Supply Co. ("Ezy-teet"), 17 Park pl, New York
See adv index at end of book
Ostrander & Co., W. R., 371 B'way, New York

16880—Window Stop Screws & Washers

Read A. P. Co. ("Read's" Flush Face & Oval Heads), 568 W Washington, Chicago, Ill.

16880a—Windows (Basement, All Metal)

Majestic Co., Huntington, Ind.

16881—Windows (Casement, Wrought Steel)

See also Window Frames
Crittall Casement Window Co., 685 E Atwater, Detroit, Mich.

16882-83—Windows (Cellar)

Hope Henry & Sons, 103 Park av, New York
International Casement Co., Jamestown, N. Y.
Majestic Co. (Cast Iron Frame), Huntington, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Wheeling Metal & Mfg. Co. (Steel), Wheeling, W. Va.

16884—Windows (Fire-Proof, Wire Glass)

See also Window Frame & Sash, Metallic
Braun J. G., 609 S Paulina, Chicago, Ill.
Byrd John, 1427 Catherine, Phila., Pa.
Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
International Steel & Iron Co., Evansville, Ind.
Knisley Bros., 2799 S 5th av, Chicago, Ill.
Knisley H. C. Co. (Revolving), 1908 S Western av, Chicago, Ill.
McFarland J. C. Co., 520 W 36th, Chicago, Ill.
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Miller J. A. & Bro. 427 N. Ashland, Chicago, Ill.
Pomeroy S. H. Co., 282 E 134th, New York
Pruden C. D. Co., Dock & Warner, Baltimore, Md.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Scholes Bros., 1241 Rosedale, Pittsburgh, Pa
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
Voigtmann & Co., 445 W Erie, Chicago, Ill.
Weis Henry Cornice Co., Kansas City, Mo.
Weyand Henry Co., Waterbury, Conn.
Witt & Brown, 215 W 3rd, Cincinnati, O.

16885—*Windows (Glass Stained)

See also Windows, Memorial; also Glass, Stained; also Windows, Cathedral
Chicago Millwork Supply Co. (Glazed), 1404 W 37th, Chicago, Ill.
Daprato Statuary Co., 766 W Adams, Chicago, Ill. *See adv index at end of book*

Stained Glass Windows of the highest class of art and workmanship.
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CHICAGO-NEW YORK-MONTREAL

Windows (Kalameined)

See Doors & Windows, Kalameined

16886—Windows (Puttyless)

Federal Window Co., 445 E Water, Milwaukee, Wis.
Milwaukee Corrugating Co. ("Daylight" Hog House), Milwaukee, Wis.
Racine Puttyless Window Co. ("Racine"), Racine, Wis.

Windows (Reversible)

See Window Sash, Reversible

16887-8—Windows (Rolled Steel)

American Steel Window Co., 334 S Michigan av, Chicago, Ill.
Bayley Wm. Co. (Rolled Steel), Springfield, Ohio

WINDOWS (ROLLED STEEL)—continued
Braun J. G. (Rolled Steel), 609 S Paulina, Chicago, Ill.
Detroit Steel Products Co. ("Fenestra"), 2250 E Grand blvd, Detroit, Mich.
International Casement Co. (& Drawn, Bronze), Jamestown, N. Y.
Kawneer Mfg. Co. ("Kawneer" Solid Steel), Niles, Mich.
Lightwell Steel Sash Co., Wilmington, Del.
Lupton's, David Sons Co., Allegheny av & Tulip, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Richey, Browne & Donald ("Browne"), Flushing av, Maspeth, N. Y.
Truscon Steel Co. ("United"), Youngstown, O.
Volgtmann & Co., 445 W Erie, Chicago, Ill.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

Windows (Storm)

See Storm Doors & Windows

16889—Windrowers (Hay)

Blocki F. Co., Sheboygan, Wis.
Gaterman Mfg. Co., Manitowoc, Wis.
Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.
Walker Mfg. Co. ("Western"), Council Bluffs, Iowa

16889a— Wiper Towels

Strong Machinery & Supply Co., 292-294 Church, New York
See adv index at end of book

16890— Wipers (Machine)

See also Waste, Cotton & Wool

American Cotton Mills Co., 353 Broadway, New York
America Silk Mfg. Co. (Raw Silk), 4341 Orchard, Phila., Pa.
Bishop Roll. Mfg. Co. (Railroad & Machinery Wipers), 157 W 6th, South Boston, Mass.
Clapp H. D. B. & Co. (White & Colored, Polishing, etc.), 824 N American, Phila., Pa.
Columbus Washed & Sterilized Wiper Co., 522 Parsons av, Columbus, Ohio
Crowther Harry (Silk), Rorer & Ontario, Philadelphia, Pa.
Detroit Sanitary Bag Co., 27 Woodward, Detroit, Mich.
Elkhart Junk Co., Elkhart, Ind.
Erie Iron & Steel Co., Erie, Pa.
Felber Sales Co., Superior & 38th, Cleveland, Ohio
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gumbinsky Bros. Co., 2261 S Union av, Chicago, Ill.
Hagy Clayton L. & Son (Inc.), 16th & Carpenter, Phila, Pa.
Hagy J. Milton Waste Works, 836 Swanson, Phila., Pa.
Hall W. & Co., Lansdowne, Pa.
Houghton E. F. & Co ("Houghton's U. S."), 240 W Somerset, Phila., Pa.
Hubley Gordon A., 134 Exchange, Worcester, Mass. *See adv index at end of book*
Industrial & Sales Corp. ("Isco"), 4 South, New York
Kaufman M., 347 N Sheldon, Chicago, Ill.
Merchants & Manufacturer's Supply Co., Chelsea, Mass.
Miller Waste Mfg. Co. Inc., Snyder av & Swanson, Phila., Pa.
Ohio Sanitary Wipers Co., 2273 Smead av, Toledo, Ohio
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.
See adv index at end of book

Oil & Waste Saving Machine Co.
PHILADELPHIA, PA.
Oil Reclaiming Machines
Waste Reclaiming Machines
Chip Separators, Oil Filters

O'Neill Bros., Oxford & Howard, Phila., Pa.
Sanitary-Washed Wiper Co., 813-15 So. Delaware, Indianapolis, Ind.
Scheinman I. L. & Co. ("I. L. S. & C."), 38 Sherman, Detroit, Mich.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine"), 292-294 Church, New York *See adv index at end of book*
Wilkinson Seth (Silk), Central Falls, R. I.
Wolf W. & Sons (Silk), 549 Atlantic av, Boston, Mass.

Wiping Cloths

See Cloths, Wiping, Plumbers'; also Wipers, Machinery

16890a— Wire

Alloy Metal Wire Co. (All Kinds), 154 Nassau, New York
See adv index at end of book

Alloy Metal Wire Co.
Manufacturers of
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Pure Nickel, Spark Plug Nickel, Monel Metal, Copper Nickel, Nickel Chromium, Nickel Silver, Nickel Steel, Silchrome for High Temperatures
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, Ohio
See adv index at end of book
LARKIN J. K. & CO., 253 Broadway, New York *See adv index at end of book*
O'Neill Joseph Wire Wks., Portchester, N. Y. *See adv index at end of book*

16891—Wire (Aerial & Cable)

Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., **Hyde Park, Mass.**
Boker H. & Co., Inc. ("Meteor" Spark Plug), 101 Duane, New York
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Habirshaw Elec. Cable Co., 10 E. 43d, New York
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Okonite Co. ("Candee"), Passaic, N. J.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Upson-Walton Co., 1294 W. 11th, Cleveland, O.
Whitney Blake Co., New Haven, Conn.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

16892— Wire (Aeroplane)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Century Telephone Construction Co., Buffalo, N. Y.
Electrical Alloy Co., Morristown, N. J.
Rathbone A. B. & J., Palmer, Mass.
Roebling's, John A. Sons, Trenton, N. J.
See adv index at end of book
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Upson Walton Co., 291 B'way, New York

16893—Wire (Aluminum)

Aluminum Co. of America (Bare & Insulated Wire & Cables), Oliver bldg, Pittsburgh, Pa.
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Bradford Co. (Imp.), 200 5th av, New York
Cleveland Metal Products Co., 7609 Platt av & C. & P. tracks, Cleveland, O.
Harris Frederick T., 69 Sprague, Providence, R. I.
Hough, W. S. Jr. Co., 61 Peck, Providence, R. I.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Seligman Arthur (Imp.), 165 B'way, New York
Stipson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Weld Wire Co., 395 Christopher av, Bklyn, N. Y.

16894—Wire (Aluminum Bronze)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

16895—Wire (Aluminum Coated)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Wilder Metal Coating & Mfg. Co., Connellsville, Pa.

Wire (Annealed)

See Wire, Market

16896—Wire (Annunciator or Office)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co., Ansonia, Conn.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Boston Insulated Wire & Cable Co., Boston, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Dufur & Co., 311 N Howard, Baltimore, Md.
Fulton Bag & Cotton Mills (Cotton), Atlanta, Ga.
Goldmark James Co., 81 Warren, New York
Goodrich B. F. Co., Akron, O.
Great Lakes Steel Products Co., Inc., 43 S Dearborn, Chicago, Ill.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Monarch Electric & Wire Co., 622 W Adams, Chicago, Ill.
National Conduit & Cable Co., 41 Park Row, New York
New England Electrical Works, Lisbon, N. H.
Phila Insulated Wire Co., 200 N 3rd, Phila., Pa.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co. ("Rome-Wire"), Rome, N. Y. *See adv index at end of book*
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Stromberg-Carlson Telephone Mfg. Co., 1050 University av, Rochester, N. Y.
Western Electric Co., 463 West, New York

16897—Wire (Antenna — Aerial & Antenna Cord)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Blancke, A. C. & Co., 602 W Lake, Chicago, Ill.
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Riverside Metal Co., Riverside, N. J.
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.

16898—Wire (Armature Banding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
BLANCKE A. C. & CO., 116 S Michigan av, Chicago, Ill.
See adv index at end of book
Johns-Manville Inc., Madison av & 41st, New York
Larkin J. K. & Co., 253 Broadway, New York *See adv index at end of book*
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
Riverside Metal Co., Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.

16899—Wire (Asbestos Covered)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Boston Insulated Wire & Cable Co., Boston, Mass.
D. & W. Fuse Co. ("Deltabeston"), Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Independent Lamp & Wire Co., 1733 B'way, New York
Johns-Manville H. W. Co., Madison av & 41st, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Rockbestos Products Corp. ("Rockbestos"), New Haven, Conn.
Rome Wire Co., Rome, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Rome-Wire

COPPER RODS *and* WIRE

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Hot Rolled Copper Rods; Bare Copper Wire, round, square, and rectangular, plain and tinned; Magnet Wire, enamel covered, cotton or silk covered, or enamel and cotton or silk; Rubber Covered Wires, including compression-vulcanized SUPER SERVICE CORD AND CABLE: Weatherproof Wire, Automobile Wires, Special Wires and Cables.

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16900—Wire (Automobile & Motor Boat)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Steel & Wire Co. (& Cables), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bishop Gutta Percha Co., 420 W 25th, New York
Boston Ins. Wire & Cable Co., Boston, Mass.
Detroit Insulated Wire Co. (Auto), Dept. H, Wesson & Albert, Detroit, Mich.
Goodrich B. F. Co., Akron, O.
Hazard Mfg. Co., Wilkesbarre, Pa.
Indiana Rubber Ins. Wire Co., Jonesboro, Ind.
Lowell Insulated Wire Co., Lowell, Mass.
New England Cable Co., Concord, N. H.
N. Y. Insulated Wire Co., 114 Liberty, New York
O'Konite Co., 501 5th av, New York
O'Konite Co. (& Motor Boat), Passaic, N. J.
Packard Electric Co., Dana av, Warren O.
Phila Insulated Wire Co., 200 N 3rd, Phila., Pa.
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Safety Ins. Wire & Cable Co., 114 Liberty, New York
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Whitney Blake Co., New Haven, Conn.

16901— Wire (Barbed)

AMERICAN STEEL & WIRE CO. ("American Glidden," "Lyman," "Ellwood Junior," "Ellwood Glidden," "American Special," "Baker Perfect," "Waukegaw"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Atlantic Steel Co. (Steel), Atlanta, Ga.
Belfont Iron Works Co., Ironton, O.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Colorado Fuel & Iron Co. (Plain & Galvanized), Denver, Colo.
Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co., Waukegan, Ill.
Frost Superior Fence Co., E. 131st, Cleveland, O.
Great Lakes Steeel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co. (Galvanized), Muncie, Ind.
Interstate Iron & Steel Co., 104 S Michigan, Chicago, Ill.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kelly Neil & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 B'way, New York. *See adv index at end of book*
Northwestern Barb Wire Co., Sterling, Ill.
Norton Iron Works, Ashland, Ky.
Page Steel & Wire Co., Adrian, Mich.
Pittsburgh Steel Co. ("Pittsburgh Perfect" Steel Galvanized & Painted), 5th av & Grant, Pittsburgh, Pa.
Shelby Wire Co., Dept. H, Shelby, O.
Veithardt Steel & Metal Corp., 15 Park row, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

16901a— Wire (Bonnet)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16902—Wire (Bookbinders')

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Torrence av, Chicago, Ill.
Chicago Steel & Wire Co. (Stitching), 10257
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Morrison J. L. Co., Niagara Falls, N. Y.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16903— Wire (Braided)

Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Kokomo Steel & Wire Co. (Made From Four Wires Braided), Kokomo, Ind.

16904—Wire (Brass & Bronze Screw)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Riverside Metal Co., Riverside, N. J.
Stevenson Bro. & Co., 110 Race, Phila., Pa.

16905—Wire (Brass & Copper)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works (Copper Wire & Cables for Electrical Use), Phillipsdale, R. I.
Am. Insulated Wire & Cable Co., 954H W 21st, Chicago, Ill.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Amos Chas. & Co. Inc., 2990-3000 Hart av, Chicago, Ill.
Babbitt L. L. (Fire Wires), Clayville, N. Y.
Besly Chas. H. & Co. ("Helmet"), 120 H N Clinton, Chicago, Ill.
Bridgeport Brass Co. (Brass Only), Dept. H, Bridgeport, Conn.
Bristol Brass Co. (Brass Only), Bristol, Conn.
Cary Spring Works (Brass for Springs), 240 W 29th, New York
CHASE METAL WORKS ("Chase," also Bronze), Waterbury, Conn.
CHASE ROLLING MILL CO. ("Chase," also Bronze), Waterbury, Conn.
Chicago Insulated Wire Co., 53 W Jackson blvd, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Clark av nr Wabash RR, Detroit, Mich.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Eastwood Wire Mfg. Co., Belleville, N. J.
Foley F. W. (Copper), Dollar Bay, Mich.
Harris Frederick T. (Brass Only), 69 Sprague, Providence, R. I.
Hartley Geo. (Fine Brass), Waterbury, Conn.
Haven R. H. & Son, Bridge & Front, Grand Rapids, Mich.
Hazard Mfg. Co. (Copper Only), Wilkes-Barre, Pa.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Igoe Brothers (Bronze), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Keystone Ornamental Iron & Bronze Wks., (Brass), 830 Howard, San Francisco, Cal.
Manhattan Brass Co. (Brass & Bronze), 332 E. 28th, New York
MERCHANT & EVANS CO., Washington av & 21st, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
National Brass & Copper Tube Co., 41H Park Row, New York
National Conduit & Cable Co. (Copper Wire & Cable), 41 Park Row, New York
North American Copper Co., 52 Vanderbilt av, New York
Phillips Wire Co., (Copper), Pawtucket, R. I.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co. (High & Low Brass, Only), Waterbury, Conn.
Riverside Metal Co. (Brass), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works Trenton & Roebling, N. J.
See adv index at end of book
Rome Brass & Copper Co., Rome, N. Y.
ROME WIRE CO. ("Rome Wire") (Copper Only), Rome, N. Y.
See adv index at end of book
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Seymour Mfg. Co. (Brass), Seymour, Conn.
Spargo Wire Co. (Copper Only), Fine Sizes a Specialty), Rome, N. Y.
Standard Underground Cable Co. (Copper for Electrical Use), Westinghouse bldg, Pittsburgh, Pa.
Stimpson Edwin B. Co. (Flat & Coiled), 852 Kent av, Brooklyn, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa. *See adv index at end of book*
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Washburn Wire Co. (Electric Copper), Phillipsdale, R. I.
Waterbury Rolling Mills, Waterbury, Conn.
WELD-WIRE, 395 Christopher av, Brooklyn, N. Y.

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Whitehead Metal Products Co., 67-73 Washington, N Boston, Mass.
See adv index at end of book
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co. (Copper), Dept. H, 49th & Western av, Chicago, Ill.

16905a— Wire (Brazing)

American Steel Co., H, Park bldg, Pittsburgh, Pa.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

Wire (Bright Market)

See Wire, Market

16906— Wire (Bronze)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bristol Brass Co., Bristol, Conn.
Cary Spring Works (For Springs), 240 W 29th, New York
Detroit Copper & Brass Rolling Mills, Clark av nr Wabash RR, Detroit, Mich.
Hough W. S. Jr. Co. (Phosphor Bronze), 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 30 Lafayette, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Midwest Brass & Copper Co., Inc., 480 Broome, New York
See adv index at end of book
Riverside Metal Co., Riverside, N. J.
Rome Brass & Copper Co., Rome, N. Y.
Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
United Smelting & Aluminum Co., Inc. 183-189 Commerce, New Haven, Conn
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16907—Wire (Broom & Brush)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Babbitt L. L. (Brush Makers' Drawing Wire, Brass, Copper, German Silver, Steel, Scratch Brush Wire, etc), Clayville, N. Y.
Chicago Steel & Wire Co. (Broom), 10257 Torrence av, Chicago, Ill.
Great Lakes Steeel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Hartley Geo. (Brass & Steel Scratch), Waterbury, Conn.
Igoe Brothers (Broom), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
LARKIN J. K. & CO. (Broom), 253 B'way, New York *See adv index at end of book*
Newman C. Wire Co., 25 Church, New York
Paxson J. W. Co., 1021 N Delaware av, Phila, Pa.
Prentiss G. W. & Co., Holyoke, Mass.
Seneca Wire & Mfg. Co. (Steel & Woven Wire), Fostoria, O.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16908—Wire (Brush Drawing)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Murray Wire Co., 437 N. J. R. R. av, Newark, N. J.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16909— Wire (Cable)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Am. Insulated Wire & Cable Co. (Weatherproof), 954H W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ashland Electric Co., 1517 Haddon av, Chicago, Ill.
FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Rockbestos Products Corp. ("Rockbestos" Insulated), New Haven, Conn.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works. Trenton & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book



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Whitney Blake Co. (Insulated), New Haven, Conn.

16910—Wire Cables (Copper)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Simplex Wire & Cable Co. ("Sincore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Upson-Walton Co., 1294 W 11th, Cleveland, O.
Waclark Wire Co., 20 Exchange pl, New York

16911— Wire (Canvasite)

Safety Insulated Wire & Cable Co., 114 Liberty, N. Y.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

16912— Wire (Car Seal)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Upson-Walton Co., 1294 W 11th, Cleveland, O.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16912a— Wire (Carburetor)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Electrical Alloy Corp., Morristown, N. J.

16913— Wire (Card)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Prentiss Geo. W. & Co., Holyoke, Mass.
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See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16914— Wire (Chain)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Channon James H. Mfg. Co., 227H W Erie, Chicago, Ill.
Driscoll Wire Co, Shelton, Conn.
Gem Stopper Co., 2120 Nicholas, Phila., Pa.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16915—Wire (Check Rower)

Chambers, Bering Quinlan Co., Decatur, Ill.
Farles Mfg. Co., Decatur, Ill.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

16916— Wire Cloth

Abbe Paul O. Inc., 924 Johnston bldg, New York *See adv index at end of book*
Acme Fancy Wire Wks., Dept. H, Canfield & Morgan, Detroit, Mich.
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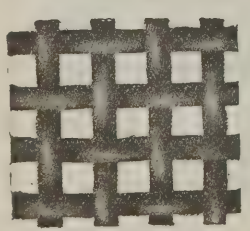
American Wire Fabrics Co. (Screen Cloth, etc), 208 S La Salle, Chicago, Ill.
Amos Chas. & Co. Inc., 2990-3000 Hart av, Detroit, Mich.
Audubon Wire Cloth Co., Audubon, N. J.
Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
Barnum E. T. Iron & Wire Wks., 4612 Woodward av, Detroit, Mich.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Bennett Wire Co., Inc., 405 Lexington av, New York. *See adv index at end of book*
Bigelow-Cheney Wire Works, Springfield, Mass.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Cabble Wm. Excelsior Wire Mfg Co., (Brass), 88 Ainslie, Brooklyn, N. Y.
California Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cincinnati Mfg. Co., Cincinnati, O.
CLEVELAND WIRE CLOTH & MFG. CO., 3574 E 78th, Cleveland, O. *See adv index at end of book*
Cole-Roscoe Mfg. Co., So. Norwalk, Conn.
Columbus Wire & Iron Works Co., Columbus, O.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Driver-Harris Co. ("Nichrome"), Harrison, N. J. *See adv index at end of book*
Dufur & Co., 311 N Howard, Baltimore, Md.
Eastwood Wire Mfg. Co. (Brass & Copper), Belleville, N. J.
Electrical Alloy Company (Filter Cloth), Morristown, N. J.
Estey Wire Works Co., 34 Cliff, New York
Gilbert & Bennett Mfg. Co. ("Pearl"), Georgetown, Conn.
Gump B. F. Co., 431 S Clinton, Chicago, Ill.
Hanover Wire Cloth Co., Hanover, Pa.
Howard & Morse, 45 Fulton, New York
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, O.
Ludlow Saylor Wire Co., 319H Pine, St. Louis, Mo.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
MICHIGAN WIRE CLOTH CO. (All Kinds), 2100 Howard, Detroit, Mich. *See adv index at end of book*
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
Multi-Metal Co. (Of Precision, Up to 350 Meshes per inch), 251 W 19th, New York
NEWARK WIRE CLOTH CO. (Fine Mesh, up to No. 350), 223 Verona av, Newark, N. J. *See adv index at end of book*
New Jersey Wire Cloth Co. (Mining), (Steel Iron, Galvanized, etc), Trenton, N. J. *See adv index at end of book*
O'Neill Joseph Wire Wks., Port Chester N. Y. *See adv index at end of book*
Phoenix Wire Wks., Kirby & Dequindre, Detroit, Mich.
Plocher, Andrew Sons Co., Dayton, O.
Reynolds Wire Co., Dixon, Ill.
Rhode Island Wire Works, 45 Willard av, Providence, R. I.
Robinson Mfg. Co., Muncy, Pa.
Rogers Wire Works, Inc. ("De Witt"), Belleville, N. J.
Seneca Wire & Mfg. Co. (Iron & Steel), Fostoria, O. *See adv index at end of book*

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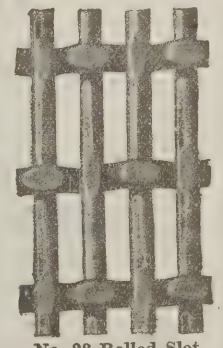
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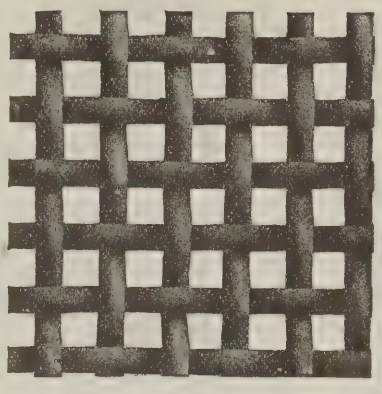


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Syracuse Wire Works, 101 University av, Syracuse, N. Y.

Taylor & Dean, Penn av & 25th, Pittsburg, Pa.

Trumpbour-Whitehead Brass & Copper Co. (Brass, Bronze & Copper), 309-311 Canal, New York & 43 N 7th, Phila., Pa. *See adv index at end of book*

TYLER W. S. CO., Cleveland, O. *See adv index at end of book*

Voss Frederick, 552 W Monroe, Chicago, Ill.

West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.

Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

What Cheer Wire Works, 157 Dorrance, Providence, R. I.

White Wire Works Co., Rochester, N. Y.

Whitehead Metal Products Co. (Brass, Bronze & Copper), 67-73 Washington N Boston, Mass. *See adv index at end of book*

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WICKWIRE SPENCER STEEL CORP. (Clinton), Worcester, Mass. *See adv index at end of book*

Williams Geo. A. & Son, 85 Fulton, New York

Wisconsin Wire Works (Brass & Bronze), Appleton, Wis.

16917—Wire Cloth (Brass, Bronze & Copper)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York

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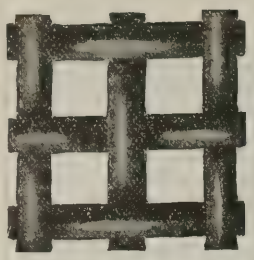
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O. *See adv index at end of book*

Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.

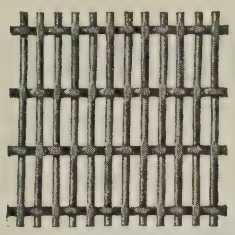
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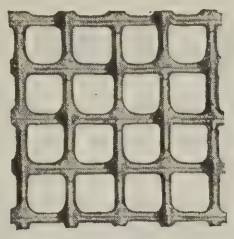
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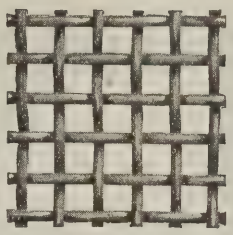
2 Mesh; .192 Wire



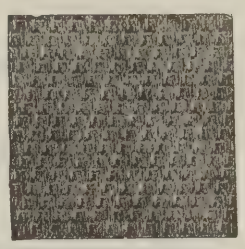
No. 63 Ton-Cap



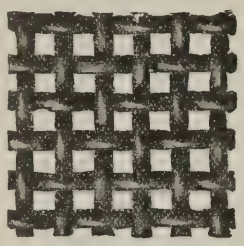
4 Mesh; .047 Galvanized



5 Mesh; .063 Wire



14 x 40 Mesh; Tinned Twilled Copper



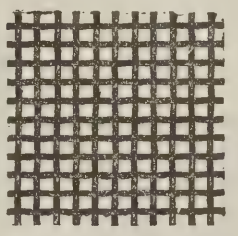
5 Mesh; .092 Wire

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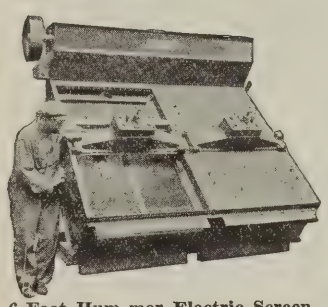
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10 Mesh; .035 Wire

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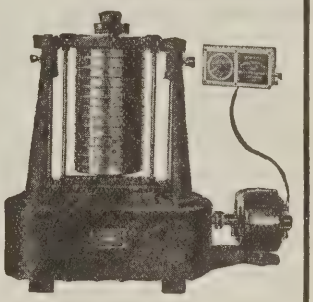
Cleveland, Ohio



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Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
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Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
METAL PRODUCTS CO., 549 W Washington blvd., Chicago, Ill.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
Multi-Metal Co. (Of Precision, Up to 350 Meshes per inch), 251 W 19th, New York
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J. *See adv index at end of book*
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SMITH F. P. WIRE & IRON WORKS, *See adv index at end of book*

Spargo Wire Co., Rome, N. Y.
Standard Wire Cloth & Screen Co. (Bronze), York, Pa.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.
Wickwire Bros. Cortland, N. Y.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass. *See adv index at end of book*
Wisconsin Wire Works, Appleton, Wis.

16918-19—Wire Cloth (Centrifical & Filter Cloth)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Bennett Wire Co. Inc., 405 Lexington av, New York *See adv index at end of book*
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O. *See adv index at end of book*
Estey Wire Works Co., 34 Cliff, New York
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Ludlow-Saylor Wire Co. (Filter), 913H Pine, St. Louis, Mo.
Newark Wire Cloth Co., 223 Verona av, Newark, N. J. *See adv index at end of book*

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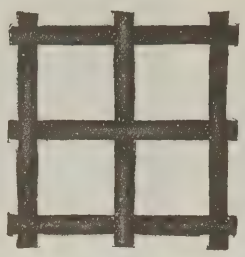
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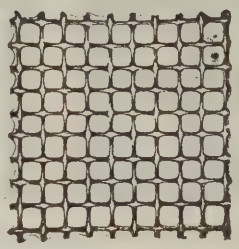
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O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16920—Wire Cloth (Monel Metal)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Bennett Wire Co., Inc., 405 Lexington av, New York *See adv index at end of book*
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O. *See adv index at end of book*
ESTEY BROS. CO., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Estey Wire Works Co., 34 Cliff, New York
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
METAL PRODUCTS CO., 549 W Washington blvd, Chicago, Ill.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
NEWARK WIRE CLOTH CO. (Filter), 223 Verona av, Newark, N. J. *See adv index at end of book*
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16920a— Wire Cloth (Nickel)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Bennett Wire Co. Inc., 405 Lexington av, New York. *See adv index at end of book*
Ludlow-Saylor Wire Co., 913H Pine, St. Louis, Mo.
Newark Wire Cloth Co., 223 Verona Newark, N. J. *See adv index at end of book*
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16920a-1—Wire Cloth (Nickel Silver)

Bennett Wire Co. Inc., 405 Lexington av, New York. *See adv index at end of book*
Multi-Metal Co. (Up to 350 Mesh per inch), 251 W 19th, New York
Newark Wire Cloth Co., 223 Verona av, Newark, N. J. *See adv index at end of book*
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16920b— Wire Cloth (Platinum)

Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
NEWARK WIRE CLOTH CO., 222 Verona av, Newark, N. J.
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16920c— Wire Cloth (Rolled)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
CLEVELAND WIRE CLOTH & MFG. CO. (THE), (Rolled Slot & Square Mesh), 3574 E 78th, Cleveland, O. *See adv index at end of book*
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

Wire Cloth (Steel & Iron)

See Wire Cloth

16920d— Wire Cloth (Twilled)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Bennett Wire Co. Inc., 405 Lexington av, N. Y. *See adv index at end of book*
Cleveland Wire Cloth & Mfg. Co., 3574 E 78th, Cleveland, O. *See adv index at end of book*
Jelliff C. O. Mfg. Corp., Box 68, Southport, Conn. *See adv index at end of book*
NEWARK WIRE CLOTH CO., 223 Verona av, Newark, N. J. *See adv index at end of book*
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.

16921—Wire Cloth (Window Screen)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Wire Fabrics Co. (Painted, Galvanized, Black Enamel & Bright & Antique Bronze), 208 S La Salle, Chicago, Ill.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Bennett Wire Co. Inc., 405 Lexington av, N. Y. *See adv index at end of book*
Hanover Wire Cloth Co., Hanover, Pa.
Howard & Morse, 45 Fulton, New York
Igoe Brothers, Canal & Lafayette, New York *See adv index at end of book*
Igoe Brothers, 254 Canal, New York *See adv index at end of book*
Ludlow-Saylor Wire Co. The ("Perfect" Bronze), 913H Pine, St. Louis, Mo.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich. *See adv index at end of book*
New Jersey Wire Cloth Co., Trenton, N. J. *See adv index at end of book*
New York Wire Cloth Co. ("Opal"), Woolworth bldg, New York. Factory: York, Pa.
Palmer I. E. Co., Middletown, Conn.
Reynolds Wire Co., Dixon, Ill.
Rogers Wire Works, Inc., Belleville, N. J.
Spargo Wire Co. (Copper & Bronze), Rome, N. Y.
Standard Wire Cloth & Screen Co., York, Pa.
Western Metal Products Co., 144 W Kinzie, Chicago, Ill.
Wickwire Bros. (Painted, Bronze, Galvanized, Galvo Black), Cortland, N. Y.
WICKWIRE SPENCER STEEL CORP. (Clinton), Worcester, Mass. *See adv index at end of book*

16921a—*Wire Coating & Lubricant

TEXAS COMPANY ("Crater"), 17 Battery pl, New York *See adv index at end of book*

16922—Wire (Coiled Spring)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Cambria Steel Co. (Galvanized, for Fences, etc), Widener bldg, Phila., Pa.
Carpenter Steel Co., Reading, Pa.
Cary Spring Works, 240 W 29th, New York
Frost Superior Fence Co., E 131st, Cleveland, O.
Indiana Steel & Wire Co., (Galvanized), Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y. *See adv index at end of book*
Newman C. Wire Co., 25 Church, New York
Pittsburgh Steel Co. ("Pittsburgh Perfect"), Pittsburgh, Pa.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. "Youngstown"), Youngstown, O.

16923—Wire (Cold Drawn Steel)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Atlas Crucible Steel Co., Dunkirk, N. Y.
Cary Spring Works, 240 W 29th, New York
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Igoe Bros., Poinier, Newark, N. J.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Kidd Drawn Steel Co., Allquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
Ludlum Steel Co. (Cold Drawn Chrome Wire), Watervliet, N. Y.
Newman C. Wire Co., 25 Church, New York
Page Steel & Wire Co., Grand Central Terminal, New York *See adv index at end of book*
Peerless Drawn Steel Co. (High Carbon & Alloy Steels), Massillon, O.
Prentiss G. W. & Co., Holyoke, Mass.
Seneca Wire & Mfg. Co., Fostoria, O. *See adv index at end of book*
Washburn Wire Co., Phillipsdale, R. I.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

16924—Wire (Cold Rolled)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Blancke A. C. & Co., 602 K Lake, Chicago, Ill.
Newman C. Wire Co., 25 Church, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16925—Wire (Connecting & Leading)

See also Blasting Supplies

Atlas Powder Co., Wilmington, Del.
DU PONT E. I. DE NEMOURS & CO. INC. (Electric) (Sales Dept., Explosives Div.), Wilmington, Del. *See adv index at end of book*
Giant Powder Co. Cons., San Francisco, Cal.
Hercules Powder Co., Wilmington, Del.

Wire (Copper)

See Wire, Brass & Copper

16926—Wire (Copper (Clad)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
STANDARD UNDERGROUND CABLE CO. ("Colonial"), Westinghouse bldg, Pittsburgh, Pa.
Steel Sales Corpn., Adams & Jefferson, Chicago, Ill.

16927—Wire (Copper Telephone)

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Detroit Copper & Brass Rolling Mills, Clark av, nr Wabash RR, Detroit, Mich.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Michigan Copper & Brass Co., 1611 W Jefferson av, Detroit, Mich.
North American Copper Co., 52 Vanderbilt av, New York

Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Safety Insulated Wire & Cable Co. (Rubber Insulated), 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Westinghouse, bldg, Pittsburgh, Pa.
Waclark Wire Co., 20 Exchange pl, New York

16928— Wire (Coppered)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Am. Copper Products Corp., Dept. H, Bayway & S Front, Elizabeth, N. J.
American Electrical Works, Phillipsdale, R. I.
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Steel & Wire Co., 10527 Torrence av, Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., (Bright), Muncie, Ind.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

16929— Wire Cord

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Upson-Walton Co. of N. Y., The ("Perfection", "Drednaut" Iron, Bright and Galvanized, also Special Cords), 291 B'way, New York

16929a— Wire Core

Acorn Insulated Wire Co., 77 Richards, Bklyn, N. Y.
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Steel & Wire Co., 208 S. La Salle, Chicago, Ill. *See adv index at end of book*
Atlantic Wire Co., Branford, Conn.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Driscoll Wire Co., Shelton, Conn.
FISHEL & MARKS CO., ft. of Krakow av, Cleveland, O.
See adv index at end of book
Roebling John A. Sons Co. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Titchener-Diehl Co. (Foundry), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16929b— Wire (Dental)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Electrical Alloy Co., Morristown, N. J.

16929c—*Wire (Electric Resistance)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*

Alloy Metal Wire Co.
Manufacturers of
Electric Resistance Wire
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Alloy Metal Wire Co.
Manufacturers of
Silchrome Wire
for high temperatures
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Wire, Electrical

See Insulated, Copper, Magnet, Enameled Rubber Covered & other kinds of Wire

16930— Wire (Enameled)

Acme Wire Co. ("Enamelite"), New Haven, Conn.
Automatic Electric Co. ("Raven"), 1001 W Van Buren, Chicago, Ill.
Belden Mfg. Co. ("Cotenamel" "Beldenamel"), 2316 S. Western av, Chicago, Ill.
Bradford Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire Co., 53 W Jackson, Chicago, Ill.
Dudlo Mfg. Co. (Sizes 25 to 40 B. S. Gauge), Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Massachusetts Electric Mfg. Co., Lynn, Mass.
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Riege, Archer C., 44 E Allen, Phila., Pa.
ROEBLING'S JNO. A. SONS CO., Trenton, N. J. *See adv index at end of book*
Rome Wire Co., Rome, N. Y.
See adv index at end of book

16931—*Wire Fabric Reinforcement

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Concrete Steel Co., 42 B'way, New York

16932— Wire (Feeder)

American Electrical Works, **Phillipsdale,** R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Electric Railway Wires & Cables), Ansonia, Conn.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hazard Mfg. Co., Wilkes-Barre, Pa.
Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
National Conduit & Cable Co. (Weatherproof Wire & Cable), 41 Park Row, New York
Okonite Co. (Railway Feed, etc), Passaic, N. J.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

16933— Wire (Fence)

See also Fences, Woven Wire

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Builders Iron Works Co., St. Paul, Minn.
Cyclone Fence Co., Waukegon, Ill.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Fiske J. W. Iron Wks., 111 Park pl, New York
Frost Superior Fence Co., E 131st, Cleveland, O.
Gulf States Steel Co., Birmingham, Ala.
Herzog Iron Works, St. Paul, Minn.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Keystone Steel & Wire Co., Peoria, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co, Fostoria, O
See adv index at end of book
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16934—Wire Fences & Gates

See also Fences, Railroad & Farm; also Fences, Woven Wire

Acme Fence & Iron Co., 8506 Lake, Cleveland, Ohio
Adrian Wire Fence Co. (Wholesale Mfrs), Adrian, Mich.
American Fence Construction Co., 96 Church, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Barnes Wire Fence Co., 1930 Ferry Pk. av, Detroit, Mich.
Bond Steel Post Co. ("Empire"), Adrian, Mich.
Brown H. L. Fence & Mfg. Co. ("Norwood"), Oakley, Cincinnati, O.
Builders Iron Works Co., St. Paul, Minn.
Champion Iron & Wire Wks., Omaha, Neb.
Colvin Chase Fence Co., South Charleston, Ohio
Cyclone Fence Co. (Ornamental), Waukegan, Ill.
Decatur Mfg. Co., Decatur, Ill.
Dwiggins Wire Fence Co. (Wholesale Mfrs. for Fields, Lawns, Cemeteries & Parks), Anderson, Ind.
Elliott & Reid Co. (Slat Fence, etc), Richmond, Ind.
Enterprise Iron Works (Cemetery, Farms, etc), Indianapolis, Ind.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Eureka Fence Mfg. Co. (Lawn Fences & Gates, etc), Richmond, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
FISKE J. W. IRON WORKS, 111 Park pl, New York
Frost Superior Fence Co. (Farm & Railroad Fence & Steel Gates), E 131st, Cleveland, O.
Gate City Fence Works,, Atlanta, Ga.
Gem Wire Fence Co., Pontiac, Mich.
Gilbert & Bennett Mfg. Co. (Wholesale Mfrs.), Georgetown, Conn.
Gulf States Steel Co. (Field Fencing Only), Birmingham, Ala.
Hoosier Fence Co. (Wholesale Mfrs. of Ornamental Steel Wire), Frankton, Ind.
Howard & Morse, 45 Fulton, New York
Indiana Steel & Wire Co. (Mfrs.), Muncie, Ind.
Janesville Barb Wire Co. (Wholesale Mfrs.), Janes, Wis.
Keystone Steel & Wire Co. ("Square Deal"), Peoria, Ill.
Kitselman Bros. (Mfrs., Ornamental), Muncie, Ind.
Kokomo Fence Machine Co. (Ornamental), Kokomo, Ind.
Kokomo Steel & Wire Co. ("Kokomo Pioneer" Ornamental), Kokomo, Ind.
Lansing Co., Lansing, Mich.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Ludlow-Saylor Wire Co., Newstead av, c Wabash R. R., St. Louis, Mo.
Mason Fence Co. ("Mason Champion" Wholesale Mfrs.), Leesburg, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Michigan Wire Fence Co., Adrian, Mich.
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
Nichols Wire Co., 21st & Baltimore, Kansas City Mo.
Ohio Anchor Fence Co., Cleveland, O.
Pacific Fence Construction Co., 423 Market, San Francisco, Cal.
Peerless Wire Fence Co., Adrian, Mich.
Pittsburgh Steel Co. ("Pittsburgh Perfect"), 5th av & Grant, Pittsburgh, Pa.
Plocher Andrew Sons Co. (Gates Only), Dayton, O.
Reinforced Concrete Co., St. Louis, Mo.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Shaw Wire Fence Co., Warsaw, O.
Shelby Wire Co. (Fences Only), Dept. H, Shelby, O.
Smith A. L. Iron Works, Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spring Steel Fence & Wire Co. (Wholesale Mfrs.), Anderson, Ind.
Steelite Co., 1902 W 77th, Cleveland, O.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Texas Anchor Fence Co., Ft. Worth, Tex.
Tex. Cyclone Fence Co., Ft. Worth, Tex.
Ward Mfg. Co., Decatur, Ind.
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
WICKWIRE SPENCER STEEL CORP. (Wholesale Mfrs. Ornamental, Railway & Farm, "Excelsior," "Chain Link," "Poultry" & Rabbit"), Worcester, Mass. *See adv index at end of book*
Wis. Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
Youngstown Sheet & Tube Co. ("Youngstown," Wholesale Mfrs. Fences Only), Youngstown, O.

16934a— *Wire (Fine)

AMALGAMATED METALS SELLING CO. LTD., 42 B'way, New York

16935— Wire (Fish)

Rattan Mfg. Co., New Haven, Conn.
Steel City Electric Co. ("Superior"), 1207 Columbus av, Pittsburgh, Pa.

Wire (Fixture)

See Wire, Insulated

16936—Wire (Flat & Round Tempered)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Steel Co. (Flat), Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

WIRE (FLAT AND ROUND TEMPERED)—continued
Cary Spring Works, 240 W 29th, New York
Crucible Steel Co. of America (Crucible Steel Tempered & Untempered), Oliver bldg, Pittsburg, Pa.
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson), Pittsburgh, Pa.
See adv index at end of book
Harris Frederick T., 69 Sprague, Providence, R. I.
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Schwartz Herrmann, 121 Nassau, New York
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Wetherell Bros. Co., 251 Albany, Cambridge, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16937— Wire (Florists')

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16938—*Wire Flower Bed Guards

Cyclone Fence Co., Waukegon, Ill.
Wickwire Spencer Steel Corp. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

16938a—*Wire (For Glass Wire Mfrs.)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16938b— Wire Forming

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Gem Stamped Steel Co., Chelsea, Mass.
Hathway Mfg. Co., Bridgeport, Conn.

16938c— Wire (Fourdrinier)

Appleton Wire Works, Appleton, Wis.
Babbitt L. L., Clayville, N. Y.
Bigelow, Cheney Wire Works, Springfield, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Cabble Wm. Excelsior Wire Mfg. Co., 88 Ainslee, Brooklyn, N. Y.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Eastwood Wire Mfg. Co., Belleville, N. J.
Gleason Thos., East Newark, N. J.
Harris Frederick T. (For Cloth), 96 Sprague, Providence, R. I.
Lindsay Wire Weaving Co., 1402½ Aspinwall, Cleveland, O.
McCluskey H. & T. & Sons (Brass & Bronze, all meshes, sizes), New Haven, Conn.
Multi-Metal Co., 251 W 19th, New York
O'Neill Joseph Wire Wks., Port Chester, N. Y. *See adv index at end of book*

Joseph O'Neill Wire Works
Manufacturers of
WIRE CLOTH
and
WIRE GOODS
for all purposes.
Port Chester N. Y.

Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wisconsin Wire Works, Appleton, Wis.

Wire (Galvanized)

See Wire, Market

16939— Wire (Gas Mantle)

Electrical Alloy Co., Morristown, N. J.

16940— *Wire (Gilding)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*

Wire Glass for All Purposes

See Glass, Wire, Manufacturers

16940a— *Wire (Gong Bell)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Wilson Steel Products Co. (Specialties), Dept. H, 49th & Western av, Chicago, Ill.

16941—Wire Goods (Bright)

See also the Specific Article Required

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
American Stamping Mfg. Co. (Specialties), Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Autoyre Co., Oakville, Conn.
Beimer H. Co., 628 W 3rd, Cincinnati, O.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bromwell Co., 420 Main, Cincinnati, O.
Brooks M. S. & Sons (All Kinds of Wire Specialties, etc), Chester, Conn.
Campbell Wire Specialty Works (Automatic Work), South Bend, Ind.
Collis Co., Clinton, Ia.
Diamond Wire & Iron Wks (Woven Wire), 201 N West, Indianapolis, Ind.
Easton Tool & Mfg. Co., Bloomfield av, Bloomfield, N. J.
Goepel C. F. & Co., 137 E 13th, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Howard & Morse, 45 Fulton, New York
Jencks E. Mfg. Co. (Special Bright Iron & Brass, etc), Worcester, Mass.
Jenkinson R. S. & Co., (By Automatic Machines), 293 Washington, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn. *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Oakville Co., Waterbury, Conn.
Parker Wire Goods Co. (Bright & Mill Wire), Worcester, Mass.
Paul & Fulton, Inc. (Specialties), 31 Kinzie, Chicago, Ill.
See adv index at end of book
Peerless Wire Goods Co., Lafayette, Ind.
Pocono Metal Mfg. Co., E. Stroudsburg, Pa.
Smith F. P. & Co. (Specials), Sharon Hill, Pa.
Special Machinery Co., Bridgeport, Conn.
Traut & Hine Mfg. Co., New Britain, Conn.
Troy Wire Goods Co., Troy, N. Y.
Turner & Stanton Co., Norwich, Conn.
Wedmore D. A. & Co., Camden, N. J.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wire Goods Co. (Everything in Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co., Worcester, Mass.

16942—Wire (Gun Wrapping)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16943— Wire (Hairpin)

Amalgamated Metals Selling Co., Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Driscoll Wire Co., Shelton, Conn.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16944—Wire (Hook & Eye)

American Brass Co., Waterbury, Conn.
See adv index & branch offices at end of book
Driscoll Wire Co., Shelton, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16944a— Wire Infant Cribs

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

16945— Wire (Insulated)

A-A Wire Co. (Rubber Covered "A-A"), 48 Nesbitt, Newark, N. J.
Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.
Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
AMERICAN BRASS CO. ("K. K." Weatherproof & Slow Burning), Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
American Insulated Wire & Cable Co., 954 W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co., Ansonia, Conn.
Atlantic Insulated Wire & Cable Co. ("Neptune," "Dolphin," "Triton"), Stamford, Conn.
Bay State Insulated Wire & Cable Co. ("Maconite"), Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bishop Gutta-Percha Co. (Rubber & Gutta Percha), 420 E 25th, New York
Boston Insulated Wire & Cable Co. (Asbestos & Rubber Covered), Boston, Mass.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Bradford, Kyle & Co., Plymouth, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Insulated Wire Co., 53 W Jackson, Chicago, Ill.
Collyer Insulated Wire Co. ("I X L"), Pawtucket, R. I.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Detroit Insulated Wire Co. ("Detroit"), Dept. H, Wesson & Albert, Detroit, Mich.
Doyle-Dacosta Mfg. Co., Easton, Pa.
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Electrical Alloy Co., Morristown, N. J.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
GENERAL ELECTRIC CO. (All Kinds), Schenectady, N. Y.
See adv index at end of book
Goodrich B. F. Co., Akron, O.
Habirshaw Electric Cable Co., 10 E. 43d, New York
Hazard Mfg. Co. (Rubber), Wilkes-Barre, Pa.
Independent Lamp & Wire Co. (Asbestos) 1733 B'way, New York
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Lowell Insulated Wire Co., Lowell, Mass.
Malin & Co. (Spooled), Cleveland, O.
Marion Insulated Wire & Rubber Mfrs., Marion, Ind.
Monarch Electric & Wire Co. ("Monarch," Copper & Iron), 622 W Adams, Chicago, Ill.
National Conduit & Cable Co., 41 Park Row, New York
National India Rubber Co. ("C. M."), Bristol, R. I.
New England Electrical Works, Lisbon, N. H.
New York Insulated Wire Co., 84 State, Boston, Mass.
Okonite Co., Passaic, N. J.
PEERLESS INSULATED WIRE & CABLE CO. ("Peerless Perfect Protection" Fibreclad), 90 West, New York
Phila. Insulated Wire Co. (All Kinds), 200 N 3rd, Phila., Pa.
Phillips Wire Co., Pawtucket, R. I.
BOEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Safety Insulated Wire & Cable Co. (Rubber, Varnished, Cambris & Paper), 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore"), Boston, Mass.
STANDARD UNDERGROUND CABLE CO., Westinghouse bldg, Pittsburgh, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16946— Wire (Iron)

Amrican Electrical Wks, Phillipsdale, R. I.
American Steel & Wire Co. (Rope), 208 So. La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.

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WIRE FACTORY FENCE
Flower Bed Border
Trellis
WOOD PICKET FENCE
Tree Guards

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NEWARK, N. J.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Harris Frederick T., 69 Sprague, Providence, R. I.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Igoe Brothers (Iron & Steel), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Teschen & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Weld Wire Co., 395 Christopher av, Bklyn., N. Y.
Williamsport Wire Rope Co., Williamsport, Pa.

16947— Wire (Lead)

Bussmann Mfg. Co., 3819H N 23rd, St. Louis, Mo.
Chadwick-Boston Lead Co., Boston, Mass.
Conduit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Crown Metal Co., 259 Washington, Milwaukee, Wis.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
North American Copper Co., 52 Vanderbilt av, New York
United Lead Co., 111 B'way, New York

16947a—Wire (Line, Copper Clad Steel)

Page Steel & Wire Co. ("Copperweld"), Grand Central Terminal, New York

16948— Wire (Liquor Finish)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
Chicago Steel & Wire Co., 10527 Torrence av, Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Townsend Co., New Brighton, Pa.
Youngstown Sheet & Tube Co. ("Youngstown"), O.

16949-50— Wire (Magnet)

Acme Wire Co. ("Cottonite," "Silkenite"), New Haven, Conn.
Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
American Electrical Works, Phillipsdale, R. I.
American Enameled Magnet Wire Co., Muskegon, Mich.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Cotton & Silk Covered), Ansonia, Conn.
Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
Belden Mfg. Co. ("Beldenamel," "Cotenamel," "Silkenamel"), 2316 S Western av, Chicago, Ill.
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire & Mfg. Co., 53 W Jackson, Chicago, Ill.
Dudlo Mfg. Co., Fort Wayne, Ind.
D. & W. Fuse Co. ("Deltabeston"), Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goldmark James Co., 81 Warren, New York
Gottschalk John W. Mfg. Co., 2726 Mascher, Phila., Pa.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Independent Lamp & Wire Co. ("Salamander," Asbestos Insulated), 1733 B'way, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
McEvoy C. H., Lowell, Mass.
Mass. Electric Mfg. Co., West Lynn, Mass.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Moxomite Insulating Co., Watervliet, N. Y.
National Conduit & Cable Co., 41H Park Row, New York
New England Electrical Works, Lisbon, N. H.
Reliable Machine Co., Bridgeport, Conn.
Riege Archer C. (Enameled), 44 E Allen, Phila., Pa.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Rockbestos Products Corp. ("Rockbestos"), New Haven, Conn.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Elec'l Co., Rome, N. Y.
ROME WIRE CO. ("Rome Wire") (Silk & Cotton Enamel Covered), Rome, N. Y.
See adv index at end of book
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
STROMBERG - CARLSON TELEPHONE MFG. CO. ("S. C."), 1050 University av, Rochester, N. Y.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Western Electric Co., 463 West, New York

16951— Wire (Market)

American Electrical Wks., Phillipsdale, R. I.
American Industrial & Engineering Co., 53 W Jackson blvd, Chicago, Ill.
American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Open-Hearth Steel), Atlanta, Ga.
Belfont Iron Works Co. (Annealed, Galvanized, etc), Ironton, O.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Cambria Steel Co. (Annealed, Bright & Galvanized), Widener bldg, Phila., Pa.
Chicago Steel & Wire Co. (Annealed & Bright), 10257 Torrence av, Chicago, Ill.
Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Frost-Superior Fence Co. (Galvanized), E 131st, Cleveland, O.
Girard Model Works, Girard, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co. (Plain & Galvanized), Birmingham, Ala.
Harris Frederick, 69 Sprague, Providence, R. I.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Igoe Bros., Poinier, Newark, N. J.
IGOE BROTHERS (Galvanized), 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co. (Coppered & Bright), Muncie, Ind.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.

WIRE (MARKET)—continued

Keystone Steel & Wire Co. (Plain & Galvanized), Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Norton Iron Works (Annealed, Galvanized, etc), Ashland, Ky.
Page Steel & Wire Co., Adrian, Mich.
Phillips F. R. & Sons Co. (Annealed Galvanized, etc.), N W cor. 15th & Chestnut, Phila., Pa.
Pittsburgh Steel Co. ("Pittsburgh Perfect" Annealed, Bright & Galvanized), 5th av & Grant, Pittsburgh, Pa.
Prentiss G. W. & Co. (Annealed), Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Shelby Wire Co. (Annealed & Galvanized), Dept. H, Shelby, O.
Teschen & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Veithardt Steel & Metal Corp. (Galvanized & Annealed), 15 Park Row, New York
Van Brunt J. A. & Co., Inc., 114 John, New York
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros. (Annealed, Bright & Galvanized), Cortland, N. Y.
Wickwire Spencer Steel Corp. (Finished, Bright, Annealed, Galvanized, etc), Worcester, Mass.
See adv index at end of book
Williamsport Wire Rope Co., Williamsport, Pa.
Wilson Steel Products Co. (Annealed, Bright & Galvanized), Dept. H, 49th & Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. (Annealed & Bright Smooth Wire ("Youngstown"), Youngstown, O.

16952— Wire (Mattress)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Chicago Steel & Wire Co., 10257 Torrence av., Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Veithardt Steel & Metal Corp., 15 Park Row, New York
Wickwire Spencer Steel Corp. (Tinned), Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16952a—Wire Mechanism (Bowden)

GWILLIAM CO. THE, 23 Flatbush av, Brooklyn, New York
See adv index at end of book

16952b— Wire (Molybdenum)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Commercial Research Co., 18 E 41st, New York
Pfansteihl Products Co., 215 N Michigan av, Chicago, Ill.

16953— Wire (Monel Metal)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*

Alloy Metal Wire Co.
Manufacturers of
Monel Metal Wire
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co. (Non-Corrosive), Morristown, N. J.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Philadelphia, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, N. Boston, Mass.
See adv index at end of book
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av, N S., Pittsburgh, Pa.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16953a— Wire (Music)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.

16954— Wire (Nail)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Pittsburgh Steel Co. ("Pittsburgh Perfect"), 5th av & Grant, Pittsburgh, Pa.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Veithardt Steel & Metal Corp., 15 Park Row, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

Wire (Needle)

See Wire, Steel Needle

16955— Wire (Nickel)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*

Alloy Metal Wire Co.
Manufacturers of
Pure Nickel Wire
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Blancke A. C. & Co., 116 S Michigan av, Chicago, Ill.
See adv index at end of book
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co. (Bare & Insulated), Morristown, N. J.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
WILLIAMS & CO. (INC.), 901-937 Pennsylvania av N S, Pittsburgh, Pa.
See adv index at end of book

1695al—Wire (Nickel Chromium)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*

Alloy Metal Wire Co.
Manufacturers of
Nickel Chromium Wire
154 Nassau Street New York
Branches: Boston, Pittsburg, Chicago

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York

16955a—Wire (Nickel Silver)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see Alphabetical Section
Babbitt L. L., Clayville, N. Y.
Besly Chas. H. & Co. ("Helmet"), 120 N Clinton, Chicago, Ill.
Chase Metal Works ("Chase"), Waterbury, Conn.
Chase Rolling Mill Co. ("Chase"), Waterbury, Conn.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Harris Frederick T. (For Cloth), 96 Sprague, Providence, R. I.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Stimpson Edwin B. Co. (Flat & Coiled), 852 Kent av, Brooklyn, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Philadelphia, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16955b—Wire (Non-Corrosive)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Electrical Alloy Co. ("Ideal"), Morristown, N. J.

16955c— Wire Parts

See also Wire Shapes (Special)

Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Blake & Johnson Co. (Special Parts from Wire & Rod), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.

16956—Wire (Phosphor Bronze)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Babbitt L. L. (Fine Wires), Clayville, N. Y.
Bradford, Kyle & Co., Plymouth, Mass.
Bridgeport Brass Co. (Not for Springs but With High Tensile Strength), Bridgeport, Conn.
DRIVER-HARRIS CO. (Common Golden & Antique), Harrison, N. J.
See adv index at end of book
Harris Frederick T., 69 Sprague, Providence, R. I.
Hough, W. S. Jr. Co., 61 Peck, Providence, R. I.
Merchant & Evans Co. (In Coils, etc.), Washington av & 21st, Phila., Pa.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No. 7th, Phila, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Excelsior"), Worcester, Mass.
See adv index at end of book

16957—Wire (Piano or Music)

See also Strings (Musical Instrument)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO. ("Perfected," "Crown" & "Star"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Boker H. & Co. ("Gibraltar"), 101 Duane, New York
Goepel C. F. & Co., 137 E 13th, New York
Harris Frederick T., 69 Sprague, Providence, R. I.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Malin & Co. (Cast Steel), 2514 Vestry av, Cleveland, O.
Montgomery & Co. ("Wm. Smith & Sons" Imported), 105 Fulton, New York
Newman C. Wire Co., 25 Church, New York
Pierce Walter S. Co. (Piano Bass), 687 14th, San Francisco, Cal.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Schaff Piano String Co., 2011 Clybourne av, Chicago, Ill.
Standard Steel & Wire Co., 549 West Washington blvd, Chicago, Ill.

Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Waterbury Company, 63 Park Row, New York
Webb Wire Works ("Purple Label"), New Brunswick, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16958— Wire (Picture)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Tate E. H. Mop & Cordage Co., ("Best Quality"), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hamover, Boston, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16959— Wire (Pin)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16960— Wire (Pinion)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Rathbone A. B. & J., Palmer, Mass.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Woburn Gear Works, Woburn, Mass.

16961—Wire (Plain & Galvanized)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Belfont Iron Works Co., Ironton, O.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co., Waukegan, Ill.
Frost Superior Fence Co., E 131st, Cleveland, O.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Indiana Steel & Wire Co., Muncie, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kelly Nail & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Pittsburgh Steel Co. ("Pittsburgh Perfect"), 5th av & Grant, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Veithardt Steel & Metal Corp., 15 Park Row, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

Wire (Platinum)

See Platinum Sheet & Wire

16962—Wire Poultry Netting

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO. (Galvanized Before Weaving, All Meshes & Sizes), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
California Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cambria Steel Co., Widener bldg., Phila., Pa.
Darby Edw. & Sons Co., 412 N 18th, Phila., Pa.
Dwiggins Wire Fence Co., Anderson, Ind.
Estey Wire Works Co., 34 Cliff, New York
Eureka Fence Mfg. Co. ("Acme"), Richmond, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 45 Fulton, New York
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co. ("U. S."), Muncie, Ind.
Keystone Steel & Wire Co. ("Blue Ribbon," "Square Deal"), Peoria, Ill.
Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
Nimmo Fence & Wire Works Co., Dana av & C. L. & N. R. R. Evan, Cincinnati, O.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 **Clybourn av,** Chicago, Ill.
See adv index at end of book
Wickwire Bros. ("W. W."), Cortland, N. Y.
Wickwire Spencer Steel Corp. ("Excelsior Brand," & "Clinton", Galvanized Before or After Weaving, "Excelsior Brand," "Poultry," "Rabbit"), Worcester, Mass.
See adv index at end of book

16963— Wire (Resistance)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
AMERICAN BRASS CO. (Nickel Silver), Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co. (German Silver, Nickel **Steel A. A.), 2316 S Western av,** Chicago, Ill.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
DRIVER-HARRIS CO. ("Nichrome," "Nichrome II," "Climax," "Advance," "Kromore," "No. 193," Alloy, Nickel, "Therlo," "Kromore," "No. 193," Alloy, Nickel Silver), **Harrison, N. J.**
See adv index at end of book
Electrical Alloy Co. ("Calido," "Rayo," "Comet" Bare & Insulated Nickel & Nickel-Chromium), Morristown, N. J.
Harris Frederick T., 69 Sprague, Providence, R. I.
Haskins Mfg. Co., 453 Lawton, Detroit, Mich.
Igoe Brothers, 61-73 Metropolitan av, **Brooklyn, N. Y.**
See adv index at end of book
METAL PRODUCTS CO., 549 W Washington blvd, Chicago, Ill.
Murray Wire Co., 487 & N J RR av, Newark, N. J.
New England Electrical Works, Lisbon, N. H.
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Satisfaction Guaranteed Corp. ("My-Crown"), 659 Fulton, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Washburn Wire Co., Phillipsdale, Providence, R. I.

16964— Wire (Resistance, Nickel Silver)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co. (Bare & Insulated), **Morristown, N. J.**

16964a— Wire (Rheostat)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co., Morristown, N. J.

16965— Wire (Ribbon)

Alloy Metal Wire Co., 154 Nassau, New York
AMERICAN STEEL & WIRE CO. (Flat, Twisted), 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16966—Wire (Rivet, Staple, Screw, Etc.)

AMERICAN BRASS CO. (Brass), Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Driscoll Wire Co., Shelton, Conn.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co. (Rivet & Staple Only), Kokomo, Ind.
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Scovill Mfg. Co. (Brass & Bronze), Waterbury, Conn.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., ("Youngstown"), Youngstown, O.

16966a—Wire Rope (Cast Steel)

Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16966b—Wire Rope (Coarse Laid Standard)

Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. ("Blue Center Steel"), (Reg. U. S. Pat. off), Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16967—Wire Rope Coating & Lubricant

Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Ironsides Co. ("Ironsides" Wire & Fibre Rope Shield), Columbus, O.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S. La Salle, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
MacWhyte Co. ("MacWhyte"), Kenosha, Wis.
Nason R. N. & Co., 151 Potrero av, San Francisco, Cal.
National Refining Co., Rose bldg., Cleveland, O.
Ohio Filler & Shield Co. (Filler & Shield), 522 City av, Columbus, O.
Plomo Specialty Mfg. Co., Beltmont bldg., Cleveland, O.
Reliance Oil & Grease Co. (Grease), Cleveland, O.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Sero Specialty Co., 2860 E 84th, Cleveland, O.
Standard Oil Co. of New York ("Standard"), 555 W 25th, New York
Star Lubricating Oil Co., 3714 Broadway, S. E., Cleveland, O.
Strong Machinery & Supply Co. ("Cableine"), 292-294 Church, New York
See adv index at end of book
Swan & Finch Co. ("Vesuvese"), 165 Broadway, New York
United States Graphite Co. (Graphite), Saginaw, Mich.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.

Wire Rope (Derrick & Dredging)

See Wire Rope & Cables

16968—Wire Rope (Extra Pliable)

Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16968a—Wire Rope (Extra Strong Cast Steel)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wilson Machy. Co., 301H W 35th, Chicago, Ill.

16968b—*Wire Rope (Flat)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

ROEBLING WIRE ROPE

WELDING WIRE **WIRE ROPE SLINGS** **WIRE ROPE FITTINGS**
FLAT WIRE **TELEPHONE WIRE** **WIRE STRAND**
ELECTRICAL WIRES AND CABLES

JOHN A. ROEBLING'S SONS COMPANY, TRENTON, N. J.

16969—Wire Rope (Galvanized)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
Hazard Mfg. Co., Wilkes-Barre, Pa.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
MacWhyte Co. ("MacWhyte"), Kenosha, Wis.
Monarch Electric & Wire Co. (Steel Strand Up to One-Half Inch), 622 W Adams, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co., 1294 W. 11th, Cleveland, O.
Upson-Walton Co. of N. Y., The, 291 B'way, New York
Waterbury Co., 63 Park Row, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16969a— Wire Rope (Guy)

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

16969b—Wire Rope (Haulage of Transmission)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y., The, 291 B'way, New York
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

16969c—Wire Rope (Hawsers, Galvanized Steel)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y., The, 291 B'way, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16969d—*Wire Rope (Hemp Clad)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16969e— Wire Rope (Hemp Core)

Driver Harris Co., Harrison, N. J.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16969f— Wire Rope (Hoisting Standard)

Moon Geo. C. Co., Garwood, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16970—Wire Rope (Lang Lay)

Dufur & Co., 311 N Howard, Baltimore, Md.
Moon Geo. C. Co., Garwood, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16970a— Wire Rope (Logging)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Moon Geo. C. Co., Garwood, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y., The ("Perfection"), 291 B'way, New York

16971—*Wire Rope (Mast Arm, Galvanized)

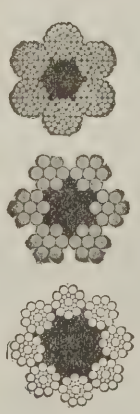
Moon Geo. C. Co., Garwood, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16972—Wire Rope (Mooring Lines)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y., The, 291 B'way, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16972a—Wire Rope (Oil Well Drilling Lines)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co. of N. Y., The ("Drednaut"), 291 B'way, New York
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book



WIRE ROPE FOR ALL PURPOSES

Hoisting, hauling, derricks, cranes, elevators, guy ropes, hawsers. Made of iron, Plow Steel, or Crucible Cast Steel. Plain or Galvanized.

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Rope Wire
Welding Wire
Tire Wire
Spoke Wire

Armature Banding Wire
Flexible Shaft Wire
Cotter Pin Wire
Rivet Wire,
etc., etc.

16973— Wire Rope (Phosphor Bronze)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, Ohio
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16973a—Wire Rope (Rigging, Galvanized, Ships)

American Steel & Wire Co. (& Slings), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Moon Geo. C. Co., Garwood, N. Y. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
WICKWIRE SPENCER STEEL CORP., Worcester, Mass. *See adv index at end of book*

16973b—*Wire Rope (Rigging, Galvanized Steel)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16973c—Wire Rope (Seale Lay)

Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Moon Geo. C. Co., Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16973d— Wire Rope Slings

Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16973e— Wire Rope (Tiller)

Driver-Harris Co., Harrison, N. J. *See adv index at end of book*
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Upson-Walton Co. of N. Y., The ("Perfection," "Drednaut," Iron, Bright and Galvanized), 291 B'way, New York
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16974—Wire Rope Tramways

American Steel & Wire Co. (Trenton-Bleichert System), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Consolidated Tramway Co. ("Lawson's" Looped Section Cableway for Ore, Coal & Lumber, etc), Roanoke, Va.
Denver Engng. Works Co., Denver, Colo.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Flory S. Mfg. Co., Bangor, Pa.
Horton John T., 157th & 8th av, New York
Leschen A. & Sons Rope Co. (Overhead), 920 N 1st, St. Louis, Mo.
Interstate Equipment Corp. ("Lawson"), 7 Pine, New York
LIDGERWOOD MFG. CO. (Hoisting & Conveying Cableways), 96 Liberty, New York *See adv index at end of book*
LINK-BELT COMPANY, 300 W 39th, Chicago, Ill.
McFarlane Mfg. Co. ("Finlayson"), Denver, Col.
MacWhyte Co. ("MacWhyte"), Kenosha, Wis.
Mead-Morrison Mfg. Co. (Suspension & Railway), c Prescott & Orleans, East Boston, Mass.
Riblet Tramway Co., Sopkane, Wash.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Ruggles Machine Co. ("Ruggles" Aerial Carriers), Poultney, Vt.
United Telepherage Co., 101 Park av, New York
Upson-Walton Co. of N. Y., The ("Perfection"), 291 B'way, New York
Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.

16975—Wire Rope & Cables

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Black Steel & Wire Co., Kansas City, Mo.
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Durable Wire Rope Co. (Durable), 93 Pearl, Boston, Mass.
Ferrin F. M., 3 Park, Boston, Mass.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Hazard Mfg. Co., Wilkes-Barre, Pa.
Kieckhefer A. Elevator Co. (Jobbers), Milwaukee, Wis.
Larkin J. K. & Co., 253 B'way, New York *See adv index at end of book*
Leschen A. & Sons Rope Co. ("Hercules"), 920 N 1st, St. Louis, Mo.
MacWhyte Co. ("MacWhyte"), Kenosha, Wis
MOON GEO. C. CO. ("Crescent" Iron, Steel, Hemp Core, Hemp Clad & Galvanized), Garwood, N. J. *See adv index at end of book*
Oil Well Supply Co. (Jobbers), 215 Water, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, O.
Upson-Walton Co. of N. Y., The ("Perfection," "Drednaut"), 291 B'way, New York
Washburn Wire Co., Phillipsdale, R. I.
Waterbury Co., 63 Park Row, New York
WICKWIRE SPENCER STEEL CORP., Worcester, Mass. *See adv index at end of book*
Williamsport Wire Rope Co., Williamsport, Pa.
W. H. Worden Co., 126 Pine, San Francisco, Cal.

16976—Wire (Rubber Covered)

A. A. Wire Co. (Insulated "A. A."), 43 Nesbitt, Newark, N. J.



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Thoroughly reliable—Safe—Underwriters' endorsement

American Steel & Wire Company

Chicago
New York
Cleveland
Pittsburgh
Denver
U. S. Steel Products Co.

WIRE (RUBBER COVERED)—continued

Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO. ("Amerite" & "Americore"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Astoria Wire Co., Court, Long Island City, N. Y.
Atlantic Insulated Wire & Cable Co. ("Beacon Atlantic," "Neptune Atlantic," "Triton Atlantic," "Dolphin Atlantic"), Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Belden Mfg. Co. ("Beldenite"), 2316 S Western av, Chicago, Ill.
Bishop Gutta-Percha Co. (Solid & Flexible), 420 E 25th, New York
Boston Insulated Wire & Cable Co., Boston, Mass.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
D. & W. Fuse Co., Providence, R. I.
Detroit Insulated Wire Co. ("Detroit"), Dept. H, Wesson & Albert, Detroit, Mich.
Driver-Harris Co., Harrison, N. J.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Habirshaw Elec. Cable Co., 10 E 43d, New York
Independent Lamp & Rubber Co., 1733 B'way, New York
Indiana Rubber & Insulated Wire Co., ("Paranite" & "Peerless" Wires & Cables), P. O. Box 192, Jonesboro, Ind.
Indiana Steel & Wire Co., Muncie, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Lowell Insulated Wire Co. (Solid, Stranded, Double Braid & Duplex), Lowell, Mass.
McEvoy C. H., Lowell, Mass.
Marion Insulated Wire & Rubber Mfrs. ("Eagle"), Marion, Ind.
National India Rubber Co., Bristol, R. I.
New England Cable Co., Concord, N. H.
New York Insulated Wire Co. ("Grimshaw" Black & "Raven" Core), 84 State, Boston, Mass.
Okonite Co., Passaic, N. J.
Phila. Insulated Wire Co. (Solid & Flexible), 200 N 3rd, Phila., Pa.
Phillips Wire Co. ("Parac"), Pawtucket, R. I.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore" "B-C"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Whitney Blake Co., New Haven, Conn.

16977— Wire (Rule)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Washburn Wire Co., Phillipsdale, R. I.

16978—Wire (Scratch Brush)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
Harris Frederick T., 69 Sprague, Providence, R. I.
Prentiss G. W. & Co., Holyoke, Mass.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16979— Wire (Screen)

Acme Fancy Wire Wks., Dept. H, Canfield & Morgan, Detroit, Mich.
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
CLEVELAND WIRE CLOTH & MFG. CO., 3574 E 78th, Cleveland, O.
See adv index at end of book
Electrical Alloy Co. (Non-Corrosive), Morristown, N. J.
Estey Wire Works Co., 24 Cliff, New York
Great Lakes Steel Products Co., Inc., 431 S. Dearborn, Chicago, Ill.
McCluskey H. & T. & Sons (Brass, Copper & Bronze), New Haven, Conn.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Newark Wire Cloth Co., 223 Verona av, Newark, N. J.
See adv index at end of book
Phoenix Wire Wks., Kirby & Dequindre, Detroit, Mich.
Riverside Metal Co. (Phospher Bronze), Riverside, N. J.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16980—Wire Screening for Coal & Gravel Screens

Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Wire Works Co., 24 Cliff, New York.
Phoenix Wire Wks., Kirby & Dequindre, Detroit, Mich.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

16981—Wire Shapes (Special)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Autoyre Co., Oakville, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons, Chester, Conn.
Campbell Wire Specialty Works (Wire Shapes of All Kinds made to Sample or Blue Print), South Bend, Ind.
Cleveland Wire Spring Co., 1281 E 38th, Cleveland, O.
Cuyahoga Spring Co., 10253 Berea rd, Cleveland, O.
Eastern Tool & Mfg. Co., Bloomfield, N. J.
Gem Stamped Steel Co., Chelsea, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Paul & Fulton, Inc., 31 W. Kinzie, Chicago, Ill. *See adv index at end of book*

PAUL & FULTON, INC.

Mnfrs. of Wire Shapes

Automatic and Hand Made

31 W. Kinzie St., Chicago

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Standard Steel & Wire Co., 549 West, Washington blvd, Chicago, Ill.
Titchener-Diehl Co. (Floral Goods), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book

SPECIAL WIRE SHAPES
STAPLES

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Titchener E. H. & Co., Binghamton, N. Y.
Townsend Co., New Brighton, Pa.
Warner Bros. Co., Bridgeport, Conn.
WATERBURY BUTTON CORP., 831 S Main, Waterbury, Conn.
See adv index at end of book
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book

16981a— Wire (Signal)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Kerite Insulated Wire & Cable Co., Inc., 30 Church, New York
PAGE STEEL & WIRE CO., Grand Central Terminal, New York
Whitney Blake Co., New Haven, Conn.

16981b—*Wire (Silicon Bronze)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J.; Works: Trenton & Robling, N. J.
See adv index at end of book

16982—Wire (Spark Point)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*

Alloy Metal Wire Co.

Manufacturers of

Spark Plug Wire

154 Nassau Street New York

Branches: Boston, Pittsburg, Chicago

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
DRIVER-HARRIS CO., Harrison, N. J.
See adv index at end of book
Electrical Alloy Co. (Nickel), Morristown, N. J.
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book

Wire Specialties

See Wire Goods, Bright

16983— Wire (Spindle)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J.; Works: Trenton & Roebling, N. J.
See adv index at end of book

16984— Wire (Spoke)

AMERICAN STEEL & WIRE CO. (Automobile, Airplane & Bicycle Wheels), 208 S La Salle, Chicago, Ill.
See adv index at end of book

Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16985— Wire (Spooled)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Brass Co. (Brass, Copper & Nickel Silver), Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Eastwood Wire Mfg. Co. (Brasss & Copper), Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Great Lakes Steel Products Co., Inc., 431 Dearborn, Chicago, Ill.
Harris Frederick T., 69 Sprague, Providence, R. I.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Malin & Co., 2514 Vestry av, Cleveland, O.
Prentiss G. W. & Co., Holyoke, Mass.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Tate E. H. Mop & Cordage Co. ("Best Quality," Black Annealed Brass, Copper Tinned), 67 Sudbury, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Turner & Stanton Co., Norwich, Conn.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co. (Tinned & Coppered), Dept. H, 49th & Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.

16986— Wire (Spring, Brass)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

16987— Wire (Square)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Riverside Metal Co. (Phospher Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Trenton N. J. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16988—Wire (Stapling & Stitching)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16989— Wire (Steel)

Alloy Metal Wire Co., 154 Nassau, New York *See adv index at end of book*
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Athenia Steel Co., 135 William, New York
Atlantic Steel Co. (Open Hearth), Atlanta, Ga.
Atlas Crucible Steel Co., Dunkirk, N. Y.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Carpenter Steel Co. (High Grade), Reading, Pa.
Cary Spring Works, 240 W 29th, New York
Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclone Fence Co., Waukegan, Ill.
Driscoll Wire Co. (Bessemer or Bosic), Shelton, Conn.
Feldman J. Co., Jersey City, N. J.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Globe Wire Co. (Ltd.) (Drawn Steel), Sharpsburg, Pa.
Great Lakes Steel Products Co., Inc., 431 S Dearborn, Chicago, Ill.
Greaves Robt. K. & Co. (Tool), 1336 W Washington blvd, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
HALCOMB STEEL CO. (Fine Crucible & High Grade), Syracuse, N. Y.
See adv index at end of book
Hamilton's T. Sons, 1340 E Berks, Philadelphia, Pa.
Harris Frederick T., 69 Sprague, Providence, R. I.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Interstate Iron & Steel Co., 104 S Michigan av, Chicago, Ill.
Iron Trade Products Co., Farmers Bank bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co. (Smooth), Peoria, Ill.
Kidd Drawn Steel Co. (Coiled Crucible Polished), Aliquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Ludlum Steel Co. (Chrome), Watervliet, N. Y.
Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
MICHIGAN WIRE CLOTH CO., 2100 Howard, Detroit, Mich.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Norton Iron Works, Ashland, Ky.
Page Steel & Wire Co. (Cold Drawn), Grand Central Terminal, New York
Pittsburgh Steel Co. ("Pittsburgh Perfect" & Open Hearth), Pittsburgh, Pa.
Pittsburgh Tool Steel Wire Co., Monaca, Pa.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works. Trenton & Roebling, N. J.
See adv index at end of book
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book



Wire for Mattresses, Brooms, Ropes, Cables, Clips, Staples, Tags, Pins and Cloth.—Special Quality for Special Purposes—Fine Sizes—Send Inquiries.
The Seneca Wire & Mfg. Co., Fostoria, Ohio

Townsend Co., New Brighton, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
WICKWIRE SPENCER STEEL CORP., Worcester, Mass.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co. ("Youngstown" Smooth Steel), Youngstown, O.

16990— Wire (Steel Ball)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
Driscoll Wire Co., Shelton, Conn.
Washburn Wire Co., Phillipsdale, R. I.

16991—Wire (Steel, Band & Hack Saw)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Washburn Wire Co., Phillipsdale, R. I.

Wire (Steel Brush)

See Wire, Broom & Brush

16992—Wire (Steel Needle)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., Commercial Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
Crucible Steel Company of America (Cold Drawn), Oliver bldg, Pittsburgh, Pa.
Duke Steel Co. Inc., 191 Pearl, New York
See adv index at end of book
Greaves Robt. K. & Co., 1336 W Washington blvd, Chicago, Ill.
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Pittsburgh Tool Steel Wire Co., Monaco, Pa.
Webb Wire Works, New Brunswick, N. J.
WETHERELL BROS. CO., 251 Albany, Cambridge, Mass.
See adv index at end of book
Wheelock Lovejoy & Co. ("Globe" Crucible, Cast Coil Steel, Sales Agents), 140 Nassau, New York
Wickwire Spencer Steel Corp., Worcester Mass. *See adv index at end of book*

16993—Wire (Steel Spring)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Athenia Steel Co., 135 William, New York
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. (Oil Tempered), 1281 E 38th, Cleveland, O.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Hammacher, Schlemmer & Co., 133 4th av, New York
Hartley Geo. (Cast Steel Watch & Clock Hair Spring Wire), Waterbury, Conn.
Iron Trade Products, Farmers Bank bldg, Pittsburgh, Pa.
Newman C. Wire Co., 25 Church, New York
Page Steel & Wire Co., Grand Central Terminal, New York
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Washburn Wire Co. (Clock & Motor, etc), Phillipsdale, R. I.
Waterbury Co., 63 Park row, New York
Webl Wire Works ("Blue Label"), New Brunswick, N. J.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Youngstown Sheet & Tube Co. ("Youngstown"), Youngstown, O.

16994—Wire (Steel, Telephone & Telegraph)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16994a— *Wire (Stitching)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16995— Wire (Stone)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv. index at end of book
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16996— Wire (Stove Pipe)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Tate E. H. Mop & Cordage Co. ("Best Quality"), 67 Sudbury, Boston, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16996a—Wire (Straightened & Cut)

Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Wilson Steel Products Co., Dept. H, 49th & Western av, Chicago, Ill.

16997— Wire (Strand)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Electrical Works (Copper & Galvanized Steel), Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO. (Track Stand for Aerial Tramways), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
Harris Frederick T., 69 Sprague, Providence, R. I.
Hazard Mfg. Co. (Galvanized Steel), Wilkes-Barre, Pa.
Indiana Steel & Wire Co. (Single & Double Galvanized Standard or Commercial Grade—Siemens & Martin, High Strength & Extra High Strength), Muncie, Ind.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Keystone Steel & Wire Co., Peoria, Ill.
Larkin J. K. & Co., 253 B'way, New York
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
MacWhyte Co. ("Macwhyte"), Kenosha, Wis.
Monarch Electric & Wire Co. (Galvanized Up to One-Half Inch), 622 W Adams, Chicago, Ill.
MOON GEO. C. CO. (Galvanized & Stone Sawing "Crescent"), Garwood, N. J.
See adv index at end of book
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*
Whitney Blake Co., New Haven, Conn.
Wickwire Spencer Steel Corp. ("Excelsior" Brand), Worcester, Mass.
See adv index at end of book

Wire (Submarine)

See Cables, Submarine

16998— Wire (Tack)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, Ohio
See adv index at end of book
Wickwire Spencer Steel Corporation, Buffalo, N. Y.
Youngstown Sheet & Tube Co., Youngstown, O.

16999— Wire (Tag)

Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Titchener-Diehl Co. (Tag Fasteners), 1844-48 W Austin av, Chicago, Ill.
See adv index at end of book
Wickwire Spencer Steel Corp. (Cut or Bunched), Worcester Mass.
See adv index at end of book
Wilson Steel Products Co. (Deadlock), 49th & S Western av, Chicago, Ill.

17000—Wire (Telephone & Telegraph)

A. A. Wire Co., Newark, N. J.
Acorn Ins. Wire Co., 77 Richards, Brooklyn, N. Y.
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
Am. Ins. Wire & Cable Co., 954 W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO. ("W. & M." Steel, Iron or Copper), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Collyer Insulated Wire Co. ("IXL"), Pawtucket, R. I.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Detroit Copper & Brass Rolling Mills (Copper), Clark av, nr Wabash R. R., Detroit, Mich.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
Gottschalk John W. Mfg. Co., 2726 Mascher, Phila., Pa.
Gulf States Steel Co. (Galvanized Iron & Steel), Birmingham, Ala.
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.
Indiana Steel & Wire Co. (E. B. B.; B. B. & Steel Grades Double Galvanized Telephone), Muncie, Ind.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Keystone Steel & Wire Co. ("Keystone"), Peoria, Ill.
Koelle, Frederick C., 44 E Allen, Phila., Pa.
Larkin J. K. & Co. (Steel), 34 Reade, New York *See adv index at end of book*
Lowell Insulated Wire Co. (Telephone), Lowell, Mass.
McEvoy C. H., Lowell, Mass.
Monarch Electric & Wire Co., 622 W Adams, Chicago, Ill.
National Conduit & Cable Co., 41 Park Row, New York
New York Insulated Wire Co. (Telephone), 84 State, Boston, Mass.
North American Copper Co. (Copper), 52 Vanderbilt av, New York
Page Steel & Wire Co. ("Armco," "Copperweld" Copper Clad Steel), Grand Central Terminal, New York
Phila. Insulated Wire Co., 200 N 3rd, Phila., Pa.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire" Copper), Rome, N. Y.
See adv index at end of book
Runzel-Lenz Mfg. Co., 1751 N Western av, Chicago, Ill.
Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Washburn Wire Co (Galvanized Iron & Steel), Phillipsdale, R. I.
Western Electric Co., 463 West, New York
Whitney Blake Co., New Haven, Conn.

17001— Wire (Tinned)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Electrical Works (Copper), Phillipsdale, R. I.
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Great Lakes Steel Products Co. Inc., 431 S Dearborn, Chicago, Ill.
Harris Frederick T., 69 Sprague, Providence, R. I.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
LARKIN J. K. & CO., 253 B'way, New York *See adv index at end of book*
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Phillips Wire Co., Pawtucket, R. I.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co. ("Rome Wire" Tinned Copper), Rome, N. Y.
See adv index at end of book
Seneca Wire & Mfg. Co. (Mattress & Broom), Fostoria, O.
See adv index at end of book
Spargo Wire Co. (Tinned Brass & Copper), Rome, N. Y.
Waclark Wire Co. (Copper Wire & Cable), 20 Exchange pl, New York
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

17001a— Wire (Tire)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
American Steel Co., Park bldg, Pittsburgh, Pa.
American Steel & Wire Co. (Automobile), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

17001b—Wire Tool Room Enclosures

Barbee Wire & Iron Wks., 111 W Washington, Chicago, Ill.
Barnes Wire Fence Co., 1930 Ferry Pk. av, Detroit, Mich.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Estey Bros. Co., 270 Union av, Brooklyn, N. Y. *See adv index at end of book*
Koenig Edward L., 23 W Kinzie, Chicago, Ill.
Steelite Co., 1902 W 77th, Cleveland, O.
Wis. Iron & Wire Wks., 1660 Booth, Milwaukee, Wis.

17001c— *Wire Tree Guards

Wickwire Spencer Steel Corp. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

17002— Wire Trellises

Acme Fence & Iron Co., 8506 Lake av, Cleveland, Ohio
Anchor Post Iron Works, 50 Church, New York *See adv index at end of book*
Brown H. S. Fence & Mfg. Co., Oakley, Cincinnati, Ohio
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Estey Wire Works Co., 34 Cliff, New York
Howard & Morse, 45 Fulton, New York
Page Steel & Wire Co., Adrian, Mich.
Smith John P. Co. (& Arches), Dept. H, New Haven, Conn.
Steelite Co., 1902 W 77th, Cleveland, O.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wickwire Spencer Steel Corp. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

17003— Wire (Trolley)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bridgeport Brass Co. ("Phono-Electric"), Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Clark nr Wabash R. R., Detroit, Mich.
National Conduit & Cable Co., 41 Park row, New York
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire"), Rome, N. Y.
See adv index at end of book
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Waclark Wire Co., 20 Exchange pl, New York

17004— Wire (Tungsten)

Fansteel Products Co., 215 N Michigan av, Chicago, Ill.
Pfanstiehl Co. N Chicago, Ill.

17005— Wire (Twisted)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Indiana Steel & Wire Co., Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Pittsburgh Steel Co. ("Pittsburgh Perfect" Galvanized Twisted Cable Fence Wire), 5th av & Grant, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Standard Underground Cable Co. (Copper Only), Westinghouse bldg, Pittsburgh, Pa.
Upson-Walton Co., 1294 W 11th, Cleveland, Ohio
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

17006— Wire (Umbrella)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
ROEBLING'S JOHN A. SONS CO., Trenton, N. J.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

17007— Wire (Vanadium)

Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

17008— Wire (Waterproof)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

17009— Wire (Weatherproof)

AMERICAN BRASS CO. ("K. K."), Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works ("Star"), Phillipsdale, R. I.
Am. Insulated Wire & Cable Co., 954H W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO. (Iron), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Line Wires & Cables), Ansonia, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Collyer Insulated Wire Co. ("IXL"; also Slow Burning), Pawtucket, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hazard Mfg. Co. (Insulated), Wilkes-Barre, Pa. & 50 Dey, New York
Kerite Insulated Wire & Cable Co., (Kerite Special), 30 Church, New York
Monarch Electric & Wire Co. ("Monarch," Copper & Iron), 622 W Adams, Chicago, Ill.
National Conduit & Cable Co. (Wire & Cables), 41 Park Row, New York
National India Rubber Co., Bristol, R. I.
Okonite Co., Passaic, N. J.
PEERLESS INSULATED WIRE & CABLE CO. ("Peerless Perfect Protection" Fibreclad), 90 West, New York
Phila. Insulated Wire Co. (Also Slow Burning), 200 N 3rd, Phila., Pa.
Phillips Wire Co. ("O K" & Slow Burning), Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Simplex Wire & Cable Co. ("Simcore"), Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Waclark Wire Co. (Copper Wire & Cables), 20 Exchange pl, New York
Whitney Blake Co., New Haven, Conn.

17010— Wire (Weaving)

(Firms who Mfr. Wire for Weaving)
Am. Steel Co., H, Park bldg, Pittsburgh, Pa.
Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
AMERICAN BRASS CO. (Brass & Fourdrinier), Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Igoe Brothers, 61-73 Metropolitan av, Brooklyn, N. Y.
Indiana Steel & Wire Co., Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Standard Steel & Wire Co., 549 W Washington blvd, Chicago, Ill.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

17011— Wire (Welding)

Bierman-Everett Foundry Co., Irvington, N. J.
Blancke A. C. & Co., 602 W Lake, Chicago, Ill.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Carbic Mfg. Co., Duluth, Minn.
Driscoll Wire Co., Shelton, Conn.
Electric Arc Cutting & Welding Co., 152H Jelliff av, Newark, N. J.
Great Lakes Steel Products, Inc., 431 S Dearborn, Chicago, Ill.
IGOE BROTHERS, 61-73 Metropolitan av, Brooklyn, N. Y.
See adv index at end of book
Moon Geo. C. Co., Garwood, N. J.
See adv index at end of book
MULHOLLAND W. J., Commercial Trust bldg, Philadelphia, Pa.
Page Steel & Wire Co. ("Armco"), Grand Central Terminal, New York
Perkins Steel Co. Inc. ("Perco"), 145 Liberty, New York
Potts Horace T. & Co. (Swedish Charcoal), 316 N 3d, Phila., Pa.
Reid Avery Co. ("Raco"), 1434 Brandywine, Phila., Pa.
ROEBLING'S, JOHN A., SONS CO. Main office: Trenton, N. J.; works: Trenton & Roebling, N. J.
See adv index at end of book
Searles Electric Welding Works (Electric), 817 W Washington blvd, Chicago, Ill.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Townsend Co., New Brighton, Pa.
WELD WIRE CO., (Steel, Swedish & Coated), 395 Christopher av, Brooklyn, N. Y.

17012-13 — Wire (White Metal)

Amalgamated Metals Selling Co. Ltd., 42 B'way, New York
Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co. (Special White), Seymour, Conn.

Wire Winding Machinery

See Machinery, Wire Winding

17014—Wire Work for Banks, Offices, Etc.

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Baldwin Brass Works, 407 S Clinton, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
Darby Edw. & Sons Co., 412 W 18th, Phila., Pa.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Estey Wire Works Co., 34 Cliff, New York
Fiske J. W. Iron Works, 111 Park pl, New York
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
Perkins Mfg. Co. (Store, etc), University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pitt Wm. R. Composite Iron Wks., 548 W 27th, New York
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steelite Co., 1902 W 77th, Cleveland, O.
Sutton W. A. & Co., 926 N 19th, Phila., Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Vilsack Martin Co., 3222 Penn. av, Pittsburgh, Pa.
Wisconsin Iron & Wire Works (Woven), Milwaukee, Wis.

17015— *Wire & Cable (Lead Covered)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

17015a— *Wireless Amplifiers

Boissonnault G. Co., 26 Cortlandt, New York

17016—Wires (Brick Cutting)

Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Webb Wire Works ("Red Label"), New Brunswick, N. J.
Willison J. M., East Liverpool, O.

17017— Wires (Corset)

American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
See adv index at end of book
Bassett Robert N. Co., 220 5th av, New York

17018— Wires (Drop)

Paragon Electric Co. ("Ironite" Insulated), 37 W Van Buren, Chicago, Ill.
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

17019— Wires (Millinery)

Boston Bonnet Wire Co., 33 India, Boston, Mass.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

17020— Wires (Pointed)

Reed & Prince Mfg. Co., Worcester, Mass.

17021— Wires (Threaded)

Austin & Smith Co., 427 Quinnipiac av, New Haven, Conn.
See adv index at end of book
Automatic Wire Goods Mfg. Co., 13-15 Canal pl, New York
Blake & Johnston Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Hartley Screw Products Co., Poinier, Newark, N. J.
Ohio Nut & Bolt Co., Berea, O.
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*

17021a— *Wiring Supplies

General Electric Co., Schenectady, N. Y.
See adv index at end of book

17022— Witherite Importers

Foote Mineral Co., 127 N 19th, Phila., Pa.

17023-4— Withes (Mast)

Wilcox, Crittenden & Co., Inc., Middletown, Conn. *See adv index at end of book*

17025— Wood (Bent)

Ames Bending Co., Celina, O.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Dann Bros. & Co. (Vehicle Bent Work, etc), New Haven, Conn.
Delphos Bending Co., Delphos, Ohio
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Gillette C. H. (Wagon Bows, Shafts, Poles, etc), Indianapolis, Ind.
Kohler F. F., South Zanesville, O.
Shepard H. G. & Sons, New Haven, Conn.
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book
Von Behren Mfg. Co., Evansville, Ind.
Wayne Spoke & Bending Co., Ft. Wayne, Ind.

17026— Wood (Briar)

Vassas Freres (French, Imp), 28 Front, New York

Wood Carpets

See Floors, Parquet

Wood Columns

See Columns, Porch & Interior, Wood

17027—Wood Distillation Plants

LUMMUS WALTER E. CO., 171 Milk, Boston, Mass.
Vulcan Copper Works, 120 Sycamore, Cincinnati, O.

Wood Finishes

See Hard Oil Finish

Wood Flooring-Interlocking

See Flooring, Wood Block

Wood Floors (Mosaic)

See Floors, Parquet

17028— Wood Flour

Becker & Moore, No. Tonawanda, N. Y.
Campbell P. D. & Co., 401 E 36th, New York
Fuerst Bros. & Co., 2 Stone, New York
Moornbeek's John C. Sons (For Explosives), Napanoch, N. Y.
Industrial Chemical Co., 200 5th av, New York
Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*
Special Service Flooring Corp., 2009 Grand Central Terminal, New York

17028a—Wood Impregnating Plants

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

17028b— *Wood (Kindling)

Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

17029—Wood (Lignumvitae)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
McMillan's W. H. Sons (Rough, Turned & Sawed), 153 South, New York

Wood Modelers (Architectural)

See Carvers, Wood, Classic; also Modelers & Sculptors, Architectural

17030—Wood Novelties (Turned, Etc.)

See also Woodware & Novelties
Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
American Enamel Co., Providence, R. I.
American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Wood Working Co., 19 Warren New York.
Atwood Crawford Co., Pawtucket, R. I.
BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Braman Mfg. Co., Carthage, N. Y.
Canfield Mfg. & Novelty Co., Canfield, O.
Carrom Co., Ludington, Mich.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Elite Mfg. Co., Aldenville, Pa.
Elmwood Button Co., Bridgeport, Conn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Frary Mfg. Co., Charlemont, Mass.
Gilbert A. & Sons (Newspaper Files, etc.), Derby, Conn.

WOOD NOVELTIES (TURNED, ETC.—c't.
Hellenberg J. B. Co. (Ten Pins, Mauls & Mallets, Indian Clubs, Dumb Bells, Exercising Horizontal Bars & Trapeze Bars, etc), Coldwater, Mich.
Hill Bros. & Co., Williamsburg, Mass.
Martin Leason, Richmond, N. H.
Moore Arthur J., Wells River, Vt.
Mossman Jerome Estate, Fitchburg, Mass.
Novelty Turning Co. (& Enamels, Potato Mashers, Rolling Pins, Chopping Bowls, Toys,, Furniture, Druggists' Boxes, etc), Norway, Me.
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 18 Greene, New York
See adv index at end of book
Peters', Jno. M. Sons (Handles, Towel Racks, Rings, Curtain Fixtures, etc.), Bleecker, N. Y.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Richardi & Bechtold (Kitchen, Dairy, Bakery & Confectioners' Utensils), Bellaire, Mich.
Russell Bros. & Estes Co., Farmington, Me.
Schultz Bros. Inc., 152 Chambers, New York
Slauf Mfg. Co., 703 S Clinton, Chicago, Ill.
Sommer John Faucet Co. (Faucets, Mallets, Rolling Pins, Reels, Mashers, Air Vents, etc), 30 Morris av, Newark, N. J
South Bend Dowel Works, South Bend, Ind.
Standard Turning Works, Cambridge, Mass.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stowell N. S. & Co. (Spools, Tool & Small Handles, Boxes, etc), Dixfield, Me.
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Wausau Novelty Co., Wausau, Wis.
Western Box Co. (Druggists' Boxes, Lock Corner Boxes, etc), 326 River, Chicago, Ill.
Weston Paper & Mfg. Co. (Wood Pie Plates & Dishes), Dayton, O.

17031—Wood Preservatives

See also Creosoting Works

American Creosoting Co., Bogalusa, La.
See adv index at end of book
American Mfg. Co. ("Creoseptine"), 114 Plymouth av, N, Minneapolis, Minn.
American Tar Products Co., 208 S La Salle, Chicago, Ill.
American Wood Preserving Co. ("Antiseptine" for Structural Timber, etc), 1351 N Branch, Chicago, Ill.
Antakwa Co. ("Liberty"), 212 N Jefferson, Chicago, Ill.
Anthrol Wood Preserving Co. ("Barol" Coppered Carbolineum), 12 E 15th, New York
Atlantic Creosoting & Wood Preserving Wks., Norfolk, Va.
Barrett Co. (Creosote), 17 Battery pl, New York
Bayway Chemical Co. (Creosote), Elizabeth, N. J.
Brown Co. (Kyanizing), Portland, Me.
C-A-Wood Preserver Co. ("C-A-W"), Fullerton bldg, St. Louis, Mo.
Cabot Sam'l (Inc.) ("Conservo"), 141 Milk, Boston, Mass.
Certain-teed Products Corp., St. Louis, Mo.
Chipman Chemical Engng. Co. Inc. ("Atlas UP. & D."), 136 Libertyt, New York
Conrad Wood Preserving Co., 118 Plymouth av, Minneapolis, Minn.
Cuirass Products Ltd., 1128 World bldg, New York
Dielectric Mfg. Co. ("Phenoleum"), 224 S Vandeventer av, St. Louis, Mo.
Duryea Mfg. Co. ("Dureo"), Bayonne, N. J.
Eppinger & Russell Co., 165 B'way, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Goheen Corp., 25 W 43d, New York
Hoyt C. H. & Son, Citizens bldg, Cleveland, Ohio
Indian Refining Co. ("Indian" Timber Asphalt), 244 Madison av, New York
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
International Creosoting & Construction Co., Galveston, Tex.
Lincoln Gas & Electric Light Co. (Petrosote), Lincoln, Neb.
Menzel Wm. & Son "(Ligni Salvor" Imp.), 64 Broad, New York
Milwaukee Wood Preserving Co., Milwaukee, Wis.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
NORTHEASTERN CO. ("Letteney"), 80 Beverly, Boston, Mass.
Protectus Paint Co., North American bldg, Phila., Pa.
PROTEXOL CORPORATION, formerly Carbolineum Wood Preserving Co., "Carbolineum," "Neosote," "Protexol," "Avolineum"), 41 Barclay, New York
Reilly Co., Indianapolis, Ind.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
REPUBLIC CREOSOTING CO. (Creosote), Merchants Bank bldg, Indianapolis, Ind. *See adv index at end of book*
St. Paul White Lead & Oil Co. ("Kre-O.-Sep-Tic"), Water & Starkey, St. Paul, Minn.
Sonneborn L. Sons ("Amalie," "Karbol"), 262 Pearl, New York
S. P. F. Wood Preserving Co., Inc. ("S. P. F. Carbolineum"), 76 Wall, New York & 78 Beverly, Boston, Mass.
SPIRITTINE CHEMICAL CO. ("Spirittine"), Wilmington, N. C.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
U. S. Wood Preserving Co., 165 B'way, New York
Western Lumber & Pole Co., Spokane, Wash.
Woodtite Laboratories, Modesto, Cal.

Wood Preserving

See Creosoting Works

17032— Wood Pulp Mfrs.

Atterbury & McKelvey, 145 Nassau, New York
Bulkley, Dunton & Co. (Imp.), 75 Duane, New York
Coos Bay Lumber Co., Oakland, Cal.
DU PONT E. I. DE NEMOURS & CO. INC. (Sales Dept., Explosives Div.), Wilmington, Del.
See adv index at end of book
Millville Pulp & Products Co., Millville, N. J.
Union Bag & Paper Corp. (Ground), 233 Broadway, New York

17032a—Wood Sawing Outfits

IRELAND MACHINE & FOUNDRY CO., Norwich, N. Y.
WORTHINGTON PUMP & MACHINERY CORP. (With Oil Engines), 115 Broadway, New York.
See adv index at end of book

17033—Wood (Spool, Bobbin, Etc.)

Danforth Eugene, Bangor, Me.
Newton & Thomas Mfg. Co. (Spools), 200 5th av, New York
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

17034-5— Wood Stains

Acme White Lead & Color Works, St. Aubin & M. C. R. R., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
American Wood Preserving Co. ("Antiseptine" for Interior or Exterior), 1351 N Branch, Chicago, Ill.
Armstrong Paint & Varnish Works ("Verosene Finish"), 2502 S Paulina, Chicago, Ill.
Ashley T. C. & Co., Atlantic av, Boston, Mass.
Behlen H. & Bro., 371 Pearl, New York
Berry Bros.,, Detroit, Mich.
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
Boydell Bros. White Lead & Color Co., 40 E. Lafayette, Detroit, Mich.
Bridgeport Wood Finishing Works (Du Pont) (Oil, Acid, Water & Penetrating), Philadelphia, Pa.
Burdsal A. Co., Indianapolis, Ind.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago White Lead & Oil Co. ("King's"), 1454 S Western av, Chicago, Ill.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Crest Chemical Co., Seattle, Wash.
Day Jas. B. & Co., 224 W Superior, Chicago, Ill.
Devoe & Raynolds Co. Inc. ("Devoe" Powder Stains), 101 Fulton, New York
Dexter Bros. Co., 105 Broad, Boston, Mass.
Du Pont E. I. de Nemours & Co. Inc., Sales Dept., Paint & Varnish Sect., Wilmington, Del.
See adv index at end of book
Eagle Paint & Varnish Co. (Also Oil & Varnish Stains), 225 Galveston, Pittsburgh, Pa.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Ford Mfg. Co. (Creosote), 2339 La Salle, Chicago, Ill.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Fuller W. P. & Co. ("Afro-Lac"), 301 Mission, San Fransisco, Cal.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Glidden Co. ("Glidden Endurance"), W Madison av & Berea rd, Cleveland, O.
Globe Varnish Co. Inc. ("Globe"), Kelly & La Schall, Pittsburgh, Pa.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Johnson S. C. & Son ("Johnson's" Wood Dye), Racine, Wis.
King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
Kroeger Bros., 880 McKim, Baltimore, Md.
Lawrence McFadden Co., 1400 Frankfort, Phila., Pa.
Lucas John & Co., 322 Race, Phila., Pa.
McQuade John & Co., 134 Classon av, Brooklyn, N. Y.
Marietta Paint & Color Co. ("Spartan"), Marietta, O.
Masury John W. & Son ("Nomar"), 56 Jay, Brooklyn, N. Y.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Moser Chas. Co. ("Lig-Lac"), Cincinnati, O
Murphy Varnish Co. (Penetrating Oil), 224 McWhorter, Newark, N. J.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
O'Brien Varnish Co., South Bend, Ind.
Patterson - Sargent Co. ("Monastery" Stains), 1325 E 38th, Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Pratt & Lambert, 185 Madison av, New York
Protexol Corp., 41 Barclay, New York
Rice S. E. M. Filler Co. ("Red Letter" "Superior" Varnish), Irvington, N. J.
Richmond Bros., 616 Main, Cincinnati, O.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Schmidt Walter K. Co., Grand Rapids, Mich.
Sherwin-Williams Co., Cleveland, O.
Shoemaker Robt. & Co. Inc., 4th & Race, Phila., Pa.
Standard Varnish Works ("Kleartone"), 90 West, New York
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wadsworth-Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Camden, N. J.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 490 Grand, Jersey City, N. J.
Yarnall Paint Co. ("Y. B.," "Standard"), 1026 Race, Philadelphia, Pa.

Wood Turned Goods, Etc.

See Wood Novelties, Turned, Etc.

Wood Turned House Trimmings

See Columns, Porch, etc., Manufacturers; also Corner, Base & Head Block Manufacturers; also Grille, Fret & Lattice Work; also Mouldings, Various Kinds; also Ornaments, Wood; also Stair Builders' Supplies

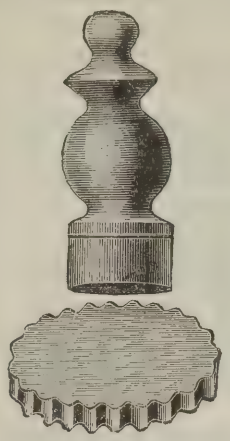
17036—Wood Turning (Architectural)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
American Wood Working Co., 19 Warren, New York
Angne Co., Cincinnati, O.
Batavia & New York Woodworking Co., Batavia, N. Y.
Blair H. Crawford, 40 Clifford, Providence, R. I.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Chicago Millwork Supply Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Clark G. A. Co. (House Turnings, etc), Sidney, N. Y.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Dickey A. & Co., 37 Bristol, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gass John H., 601 Sackett, Brooklyn, N. Y.
Hillerich & Bradsley Co., Louisville, Ky.
Lovejoy Planing Mill Co., 823 E 17th, Kansas City, Mo.
Mitchell Robt. Furniture Co., 616 Race, Cincinnati, O.
New York Wood Working Corp., 502 E 19th, New York
Ohio Scroll & Lumber Co. (Inc.), Covington, Ky.
Peirce W. E. & Co., Milford, N. H.
Pinches Jno. & Sons, New Britain, Conn.
Root C. R., Hartford, Conn.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Schaefer Louis, 1444 W 21st, Chicago, Ill.
Staunchwood Shops, 97 Lincoln, Flushing, N. Y.
STEARNS A. T. LUMBER CO., 100 Taylor, Boston, Mass.
See adv index at end of book
Stevenson Mfg. Co., South Bend, Ind.
See adv index at end of book

17037—Wood Turning & Enameling

Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
American Enamel Co., Providence, R. I.
Baker McMillen Co., Akron, O.
BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Detroit Wood Products Co., 4332 Horatio, Detroit, Mich.
Ellsworth Hardwood Co., Ellsworth, Me.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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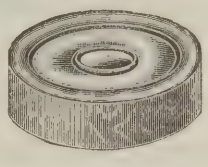


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Handy Things Mfg. Co., Ludington, Mich.
Mossman Jerome Estate, Fitchburg, Mass.
Novelty Turning Co., Norway, Me.
PETERSON F. W. CO., 18 Greene, New York *See adv index at end of book*
Providence Enamel Co., 456 Fountain, Providence, R. I.
Schutz Bros., 152 Chambers, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Sun Enamel Works (Also Japanning), Leominster, Mass.

17038—Wood Turnings (Automatic)

American Enamel Co. (Artistic & Novelty, Small Turned Woodwork), Providence, R. I.
BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Boynton & Co., 1725 Dickson, Chicago, Ill.
ESTES E. B. & SONS (Piano, Back Knife, Enameled, Fancy, Fireworks, Furniture, Artistic Novelty Wood), 364 5th av, New York
See adv index at end of book

17039—Wood Turnings (Electrical)

See also Woodwork, Electrical

Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
American Enamel Co. (Also Enameled Turnings), Providence, R. I.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Bogert & Hopper Inc., 57 Barclay, New York *See adv index at end of book*
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Fuller J. J., Westfield, Mass.
Gallup Ruffing Handle Co., Norwalk, O.
New York Carved Moulding Co., 3d av & 139th, New York
Novelty Turning Co. (Handles, Knobs, Button & Cord Adjusters, etc), Norway, Me.
Slauf Mfg. Co., 703 S Clinton, Chicago, Ill.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Adams S. S. Co. (Jokers, Novelties, Puzzles, etc.), Plainfield, N. J.
Albion Wood & Metal Products Co. Inc., Albion, N. Y.
Allen Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Anderson Box & Basket Co. (Boxes & Baskets), Henderson, Ky.
Ault Wooden Ware Co., Cincinnati, O.
Basic Mfg. Co., Wilmington, Del.
Belding-Hall Co. (Stove Boards, etc), Belding, Mich.
Bennett Mfg. Co. ("Kitchen" Ware, Sugar Boxes, etc), Portland, Me.
Bliss Mfg. Co. (Woodenware, Mop Sticks, etc), Bliss, N. Y.
BOGERT & HOPPER INC., 57 Barclay, New York *See adv index at end of book*
Cassady Fairbank Mfg. Co., 6126 So La Salle, Chicago, Ill.
Chapman-Sargent Co. (For Kitchen, Bakery, etc), Piqua, O.
Coles & Co. (Jobber Baskets, Fruit Packages, etc.), 115 Warren, New York
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.

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STEVENSON MFG. CO. *Write for Prices* **SOUTH BEND, IND.**

Frary Spool Co. (Small), Berlin, N. Y.
Frost Geo. T. & Sons, Paterson, N. J.
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Kohant John C., 17 Green, Newark, N. J.
Nashua Spool & Bobbin Co. (Lignum Vitae, etc), Grove Hall Station, Boston, Mass.
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 18 Greene, New York *See adv index at end of book*
Prouty C. & Co., Eldred, Pa.
Rowe Henry Mfg. Co. (Handles, Draw Pulls, Balls, Spindles, etc), Newago, Mich.
Schutz Bros., 152 Chambers, New York
South Bend Dowel Works, South Bend, Ind.
Stevenson Mfg. Co., South Bend, Ind. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton D. A. Co., Atlantic Mine, Mich.
Stratton Mfg. Co., Stratton, Me.
Tebbets E. L. Spool Co. (Variety Turnings), Locke Mills, Me.
Thayer Geo. A., Watson, Mass.
Weber Chas. Estate, 2120 E York, Phila., Pa.

Stratton Mfg. Co., Stratton, Me.
Thayer Geo. A., Watson, Mass.

Wood Turnings (Rope & Spiral)

See Mouldings, Various Kinds

17040— Wood Wool

Berry O. P. Co., Wolfeboro Falls, N. H.
Boston Excelsior Co., 562 W 29th, New York
Detroit Excelsior Works, 2116 Russell, Detroit, Mich.
Du Pree Mfg. Co., Atlanta, Ga.
Laird & Wilson Mfg. Co., Grandon, Wis.
Morris-Jones-Brown Mfg.Co., Dubuque, Ia.
Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.
Philadelphia Excelsior Co., 716 N 3d, Phila., Pa.
Selle H. W. & Co. (Wood Wool), 1000 Halsey, Chicago, Ill.

17041—Woodenware & Novelties Mfrs.

See also Wood Novelties, Turned, etc.

Cummer Mfg. Co. (Woodenware, etc), Cadillac, Mich.
Cupples Samuel Woodenware Co., 7th & & Spruce, St. Louis, Mo.
Eagle Woodenware Mfg. Co., Hamilton, O.
ESTES E. B. & SONS (Kitchen), 364 5th av, New York
See adv index at end of book
Fuller J. J., Westfield, Mass.
Geneva Mfg. Co. (Specialties), Geneva, Ill.
Handy Things Mfg. Co., Ludington, Mich.
Jenkins & Bogert Mfg. Co. (Boxes, Handles, Spools, etc.), Kingfield, Me
King Mfg. Co., Piqua, O.
Law Ernest & Co (Wooden Tent Poles & Pins), Harrison bldg, Phila., Pa.
Martin Leason (Chair Stock, Pails, etc), Richmond, N. H.
Menasha Woodenware Co., Menasha, Wis.
Merrill Woodenware Co., Merrill, Wis.
Oval Wood Dish Co. (Dishes, etc.), Delta, O.
Richardi & Bechtold, Bellaire, Mich.
Richmond Cedar Works, Fulton, Richmond, Va.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.



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Udell Works (House Furnishing & Kitchen Woodenware), Indianapolis, Ind.
Washington Broom & Woodenware Co., Seattle, Wash.

17041a— *Woods (Fancy)

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons (Harmonica, Parcel Carrier), 364 5th av, New York
See adv index at end of book

17041b— Woods (Pailbail)

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Woodwork (Architectural & Interior)

See Interior Hardwood Work; also Sash, Door & Blind Mfrs.

17042—Woodwork (Electrical)

See also Telephone Cabinet Work; also Wood Turnings Electrical; also Mouldings, Electric Wiring

Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

17043— Wool Carbonizers

Merrimac Chemical Co., 148 State, Boston, Mass.
PROCTOR & SCHWARTZ INC., 7th & Tabor Road, Phila., Pa.
See adv index at end of book

17044— Wool Wadding

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Evans & Co. ("Hygiene"), Lockport, N. Y.

17045—Wools (Scoured & Pulled Grease)

Davis-Klaber Co., 605 N 3d, Newark, N. J.
Wilson & Co., Union Stock Yds., Chicago, Ill.

17046—Wrappers (Book, Corrugated Paper)

Thompson & Norris Co., 212 Concord & Prince, Brooklyn, N. Y.

17047— Wrappers (Coin)

Detroit Coin Wrapper Co. (Made of Heavy Pressed Paper), 37 W Milwaukee, Detroit, Mich.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eisler Anthony & Co., 227 Canal, New York
Lindley Box & Paper Co., Marion, Ind.
Spies John, Watertown, N. Y.
Spurgin Mfg. Co., 7011 Vincennes av, Chicago, Ill.
Standard Printing Co., Pittsburgh, Pa.
Universal Printing Co., Erie, Pa.
Youmans Coin Wrapper Co., 428 Main, Cincinnati, Ohio

17048-9—Wrappers (Conduit Joint)

Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.

17050—Wrappers (Excelsior)

BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass. & 11th av & 29th, New York
Excelsior Wrapper Co., Sheboygan, Wis.

Wrecking (Building)

See Building Materials, Second-Hand.

17050a— Wrench Sets

Champion Tool Co., Meadville, Pa.
Packer Auto Specialty Co. (Socket), 1420 S Michigan av, Chicago, Ill.
WILLIAMS J. H. & CO. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17051—Wrenches (Adjustable)

Anderson Wrench Co. , ("Turnmore"), Portland. Conn.
Arrow Tool Co. ("Arrow"), 800H Kensington av, Buffalo, N. Y.
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Bemis & Call Hardware & Tool Co. (S. Nut & S. Pipe) Springfield, Mass.
Bergman Tool Mfg. Co. ("Queen City"), Buffalo, N. Y.
Billings & Spencer Co. ("Billings"), Hartford, Conn.
Boston Auto Wrench Co. ("Boston Auto" Automatic Self-Adjusting), 31 State, Boston, Mass.
Bullock Mfg. Associates ("Bullock"), Springfield, Mass.
Chicago Tool & Kit Mfg. Co. (& Solid), 12 N Market, Chicago, Ill.
Corry Wrench Co., Corry, Pa.
Craftsman Tool Co. ("Craftsman" Self-Adjusting), Conneaut, Ohio
Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.
Cushman Auto Tool Co., Champaign, Ill.
Erie Tool Works, Erie, Pa.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Goodell-Pratt Co. (Aluminum Handles), Greenfield, Mass.
Greene, Tweed Co. ("Baxter"), 109 Duane, New York
Herbrand Co., Fremont, O.
Hjorth Wm. & Co., Jamestown, N. Y.
Imperial Tool Co., Bloomington, Ill.
Keystone Mfg. Co. ("Westcott S." & "Keystone" Straight Handle), Buffalo, N. Y.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
LAKESIDE FORGE CO. (Straight End & Drop Forged & Automobile, "Lakeside"), Erie, Pa.
See adv index at end of book
Monte Wrench Co., Shelbyville, Ind.
Moore Drop Forging Co., Springfield, Mass.
Mossberg Frank Co. ("Sterling," "Diamond," "Alderman," "National," "A," "F," "K," "X," "Mossberg 74" & "Mossberg 76," "Junior"), Attleboro, Mass.
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.
Rex Wrench Co., Hathaway bldg, Boston, Mass.
Richards-Wilcox Mfg. Co. ("Richards," "Shark" & Elgin"), Aurora, Ill.
Robinson M. W. Co. ("Carll"), 296 Bway, New York
Scholler Mfg. Co., 147 Leslie, Buffalo, N. Y.
Smith H. D. & Co. ("S" Drop Forged) Plantsville, Conn.
Star Mfg. Co. ("Elgin"), Carpentersville, Ill.
Superior Tool Co. ("Du Charme"), Cambridge, O.
Trimont Mfg. Co. ("Trimo"), 55 Amory, Roxbury, Boston, Mass.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Wakefield Clarence E. ("Wakefield") ("Wizard"), Worcester, Mass.
Walworth Mfg. Co. ("Hex"), 798 1st, Boston, Mass.
Welch T. F. Co. (Adjustable Tap), 55 Sudbury, Boston, Mass.
WILLIAMS J. H. & CO., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Adjustable "S")

See Wrenches, "S"

17052—Wrenches (Agricultural)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Bonney Forge & Tool Works, Allentown, Pa.
Corry Wrench Co., Corry, Pa.
Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
See adv index at end of book
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd, Cleveland, O.
Muncie Malleable Castings Co., Muncie, Ind.
PECK, STOW & WILCOX CO., Southington, Conn. *See adv index at end of book*
Union Hardware Co., Torrington, Conn.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17053—Wrenches (Alligator)

See Also Wrenches, Always Ready

Bonney Forge & Tool Works, Allentown, Pa.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Frick & Lindsay Co. (Genuine, Dealers) Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.
Hawkeye Wrench Co. (Combination), Marshalltown, Ia.
Kraeuter & Co. ("Victor"), 571 18th av, Newark, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Vaughan & Bushnell Mfg. Co. ("V. & B." Handy Pattern), 2114 Carroll av, Chicago, Ill.

17053a— Wrenches (All Kinds)

LAKESIDE FORGE CO., Erie, Pa.
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Mechanics Tool Co., Rockford, Ill.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Vande Water Mfg. Co., Newburgh, N. Y.
WILLIAMS J. H. & CO. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17054—Wrenches (Always Ready)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Bonney Forge & Tool Works, Allentown, Pa.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.
Hawkeye Wrench Co. ("Superior"), Marshalltown, Ia.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Vaughan & Bushnell Mfg. Co., 2114 Carroll av,, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17055—Wrenches (Automobile)

Allen Mfg. Co., ("Allen" Rim or Tire), 133 Sheldon, Hartford, Conn.
See adv index at end of book
Allen Wrench & Tool Co., 189 Public, Providence, R. I.



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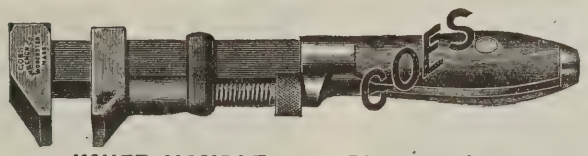
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Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Bemis & Call Hardware & Tool Co. ("Auto"), Springfield, Mass.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Bonney Vise & Tool Wks., Inc., Allentown, Pa. *See adv index at end of book*
Bossert Corp. The (To Order), cor. Linden & West av, Utica, N. Y.
Boston Auto Wrench Co. ("Boston-Auto"), 31 State, Boston, Mass.
COES WRENCH CO. ("Star 91"), Coes sq, Worcester, Mass.
See adv index at end of book
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Cushman Auto Tool Co., Champaign, Ill.
Erie Tool Works, Erie, Pa.
Essex Supply Co., 54 Polk, Newark, N. J.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, O.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Goodell-Pratt Co. (Rim "Special Tempered" & Socket, etc.), Greenfield, Mass.
Harris & Reed (Stamped Steel), 1500 W 15th, Chicago, Ill.
Hill Pump Valve Co. ("Utility" Rim), 4001-21 Belmont av, Chicago, Ill.
Hill-Smith Metal Goods Co ("H S."), 82 Brookline av, Boston, Mass.
Improved Gauge Mfg. Co. ("Ford"), 105 Canal av, Syracuse, N. Y.
LAKESIDE FORGE CO. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Moore Drop Forging Co., Springfield, Mass.
Mossberg Frank Co. ("Auto Cle" Adjustable Socket Heavy Type & End Opening Engineers, Ratchet Socket), Attleboro, Mass.
Muncie Malleable Castings Co., Muncie, Ind.
New England Pressed Steel Co., Natick, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oakes Co., The, Indianapolis, Ind.
Oswego Tool Co., Oswego, N. Y.
wego, N. Y.
Pedersen Mfg. Co. ("Ferret"), 636 1st av, New York
Plomb Tool Mfg. Co. (Oken End), 1119 Santa Fe, Los Angeles, Cal.
Retler-Elliott Erection Co., 155 N Clark, Chicago, Ill.
Ronson Specialty Co. ("Ronson," Nine in One), 7 Mulberry, Newark, N. J.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Thomson Drop Forge Co., Plantsville, Conn.
TRIMONT MFG. CO. ("Trimo"), 55 Amory, Boston, Mass.
Vichek Tool Co. ("Vichek" Also in Sets), 8701 Mt. Auburn av, Cleveland, O.
Wakefield Clarence E. ("Wakefield"), Worcester, Mass.
WALDEN-WORCESTER, INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass.
See adv index at end of book
WILLIAMS J. H. & CO. (In Sets, Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17056— Wrenches (Basin)

B. & B. Mfg. Co., 6528 Carnegie av, Cleveland, O.
Glauber M. & Co., 103 Varick, New York
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Starbuck R. M. & Sons, Hartford, Conn.
Trimont Mfg. Co. ("Trimo"), 55 Amory, Boston, Mass.
Williams J. H. & Co. ("Falcon" Waste Plug Spanner), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Woodward-Wagner Co., 1106 Spring Garden, Phila., Pa.

17057 — Wrenches (Bicycle & Pocket)

Am. Tube & Stamping Co., Dept. H, Bridgeport, Conn.
Arrow Tool Co. ("Arrow"), 800H Kensington av, Buffalo, N. Y.
Barcalo Mfg. Co., Buffalo, N. Y.
Beckley-Ralston Co., 1801 S Michigan, Chicago, Ill.
Billings & Spencer Co. ("Billings"), Hartford, Conn.
Bonney Forge & Tool Works ("Monkey"), Allentown, Pa.
Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.
Herbrand Co., Fremont, O.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book
Lowentraut P. Mfg. Co., 36 Brenner Newark, N. J.
Mossberg Frank Co. ("Sterling No. 1," "Mossberg 74" & Junior 1"), Attleboro, Mass.
Niagara Falls Metal Stamping Works ("Niagara Vestpokitrenchiz"), Niagara Falls, N. Y.
Star Mfg. Co., Carpentersville, Ill.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Wakefield Clarence E. ("Wakefield" Adjustable), Worcester, Mass.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

Wrenches (Bit Brace)

See Wrenches, Brace Socket

17058— Wrenches (Box)

Allen Wrench & Tool Co. ("Allen Box Type"), 189 Public, Providence, R. I.
Armstrong Bros. Tool Co. ("A" Drop Forged), 339 N Fransisco av, Chicago, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Williams J. H. & Co. (Hexagon & Square, Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17059—Wrenches (Brace Socket)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*
WALDEN-WORCESTER, INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass.
See adv index at end of book

17060—Wrenches (Brass & Nickel Pipe)

See also Wrenches, Pipe

Belden Machine Co. ("Hayden"), New Haven, Conn.
Bernz Otto, 17-37 Ashland, Newark, N. J.
Haydenville Co. ("Hayden"), Haydenville, Mass.
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.
Reed Mfg. Co., Erie, Pa.
Simmons John Co., 110 Centre, New York
See adv index at end of book
Starbuck R. M. & Sons, Hartford, Conn.
Walworth Mfg. Co. ("Walworth-Parmelee"), Boston, Mass.
Warnock Mfg. Co. ("Warnock," "Warnock Simplex"), 54 Commercial, Worcester, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

17061—Wrenches (Bridge Builders')

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
LOWELL WRENCH CO. ("Bridge Builders" & "Steel Socket" "Reversible Ratchet"), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Mossberg Frank Co. ("Heavy Duty" Set 19 & 20), Attleboro, Mass.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17061a—Wrenches (Cap Screw)

Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17062—Wrenches (Car Builders')

Advance Car Mover Co., Appleton, Wis.
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Bonney Forge & Tool Works, Allentown, Pa.
Dayton Car Wrench Co., 15 S Brown, Dayton, O.
FRICK & LINDSAY CO. (Dealers), **Sandusky & Robinson, Pittsburgh, Pa.** *See adv index at end of book*
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17063—Wrenches (Car Hopper)

FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Gealy G. M. ("I X L"), Grove City, Pa.
Safety Hopper Car Wrench Co. ("Safety"), Harrison bldg., Phila., Pa.

17064—Wrenches (Carriage & Tire Bolt)

Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Custer W. F. & Son ("Handy" Tire Bolter), Summitville, Ind.
Stanley Rule & Level Co. ("O. K." Tire Bolt), New Britain, Conn.
WALDEN-WORCESTER, INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17065— Wrenches (Carriage & Wagon)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Bonney Forge & Tool Works, Allentown, Pa.
Dayton Car Wrench Co., 15 S Brown, Dayton, O.
Harvey Spring & Forging Co., Racine, Wis.
Joy Samuel S., Rockingham, N. H.
Mason F. C. & Co., St. Johns, Mich.
Millers Falls Co. (Malleable Iron, Adjustable), 28 Warren, New York
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.
Stowell Co., The, South Milwaukee, Wis.
Union Malleable Iron Co., East Moline, Ill.

17066— Wrenches (Chain)

Drop Forging Co, of New York ("Spartan"), 301 West Side av, Jersey City, N. J.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Greene, Tweed & Co. ("Champion"), 109 Duane, New York
Hilts Wrench & Mfg. Co. (Adjustable Pipe), Richford, N. Y.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
McMann & Taylor Co., 104 John, New York *See adv index at end of book*
Nason Mfg. Co., 71 Fulton, New York
Oswego Tool Co., Oswego, N. Y.
Robbins, Gamwell & Co. ("Robbins"), Pittsfield, Mass.
Trimont Mfg. Co. ("Trimo"), 55 Amory, Roxbury, Boston, Mass.
Walworth Mfg. Co. ("Gealy," Chain Tong Pipe), Boston, Mass.
WILLIAMS J. H. & CO. ("Vulcan," "Falcon" Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17066a— *Wrenches (Check Nut)

Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17067— Wrenches (Chuck)

Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.
Lakeside Forge Co. ("Lakeside" Drop Forged), Erie, Pa.
Morse Twist Drill & Machine Co. ("Morse" For Chucks), New Bedford, Mass.
Page Storms Drop Forge Co., Chicopee, Mass.

17068—Wrenches (Combination)

Bemis & Call Hardware & Tool Co. (Pipe & Nut), Springfield, Mass.
Bonney Forge & Tool Works ("Bonney Combination," "Vixen" Nut & Pipe), Allentown, Pa.
Erie Tool Works, Erie, Pa.
Hawkeye Wrench Co. (Crocodile), Marshalltown, Ia.
Monte Wrench Co., Shelbyville, Ind.
Morse A. J. & Son Inc. (Hydrant), 221 High, Boston, Mass.
Niagara Falls Metal Stamping Works (Ten Tool in One), Niagara Falls, N. Y.
Simmons John Co., 110 Centre, New York *See adv index at end of book*
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Union Hardware Co. ("Tower's" Pipe & Nut), Torrington, Conn.

17068a— Wrenches (Construction)

Bonney Forge & Tool Works, Allentown, Pa.
Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Wrenches (Crocodile)

See Wrenches, Alligator

17069— Wrenches (Dog)

Frick & Lindsay Co. (Dealers), Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Le Count Wm. G. (Steel), South Norwalk.
WILLIAMS J. H. & CO. ("Vulcan"), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17070—Wrenches (Drop Forged)

Allen Wrench & Tool Co. (Pipe, Ratchet & Socket), 189 Public, Providence, R. I.
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Arrow Tool Co. ("Arrow"), 800H Kensington av, Buffalo, N. Y.
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Bemis & Call Hardware & Tool Co., (Adjustable "S," Pipe, Nut & Screw), Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Brown R. H. & Co., New Haven, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Drop Forging Co, of N. Y., 301 West Side av, Jersey City, N. J.
Eccles Richard Co., Auburn, N. Y.
Fairmount Tool & Forging Co. ("Fairmount)" 10611 Quincy av, Cleveland, O.
Girard Wrench Mfg. Co. ("Girard"), Girard,
Harbison Mfg. Co., Kansas City, Mo.
Hawkeye Wrench Co., Marshalltown, Ia.
Herbrand Co., Fremont, Ohio
Hjorth Wm. & Co., Jamestown, N. Y.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Moore Drop Forging Co., Springfield, Mass.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Richards-Wilcox Mfg. Co. ("Wizard"), Aurora, Ill.
Robinson M. W. Co. ("Carl", Nut & Pipe), 296 B'way, New York
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J Works: Trenton & Roebling, N J *See adv index at end of book*
Thomson Drop Forge Co., Plantsville, Conn.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, Ohio
Wakefield Clarence E. ("Wakefield"), 89 Exchange, Worcester, Mass.
Western Tool & Forge Co, Brackenridge, Pa.
Whitaker Mfg. Co. (Steel), 409 S Green, Chicago, Ill.
WILLIAMS J. H. & CO. (Light & Heavy Service), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17071—Wrenches (Engineers' & Machinists')

SCREW & MONKEY PATTERN

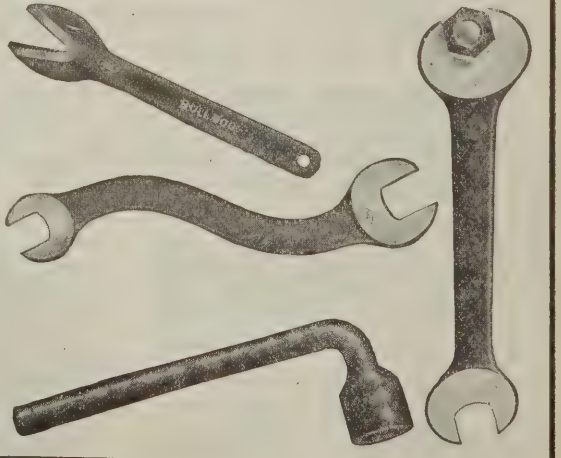
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co, St. Louis, Mo.
Beckley-Ralston Co., 1801 S Mich av, Chicago, Ill.
Bemis & Call Hardware & Tool Co. ("Briggs," "Merrick," Pattern), Springfield, Mass.
Bonney Forge & Tool Works (Thin Wrenches, Drop Forged), Allentown, Pa.
Bridgeport Hdwe. Mfg. Corp. ("Ready "Grip"), Bridgeport, Conn.
Chester Steel Castings Co., Chester, Pa.
COES WRENCH CO. ("Coes"), Coes sq, Worcester, Mass. *See adv index at end of book*
Collins Co., Collinsville, Conn.
Corry Wrench Co., Corry, Pa.
Crescent Tool Co. ("Crescent" Drop Forged Adjustable Engines), 200 Harrison, Jamestown, N. Y.



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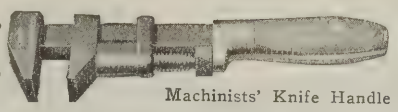
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Detroit Model Machine W'ks, Tremont, O.
Drake & Wires Co., Blackstone bldg, Cleveland, Ohio
Erie Tool Works, Erie, Pa.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av., Cleveland, O.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Girard Wrench Mfg. Co. ("Girard" Forged Monkey), Girard, Pa.
Hawkeye Wrench Co. ("Hawkeye"), Marshalltown, Ia.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Herbrand Co., Fremont, O.
Hilt's Wrench & Mfg. Co. ("Hilts'" Adjustable Drop Forged), Richford, N. Y.
Hjorth Wm & Co., Jamestown, N. Y.
Joy A. P., Rockingham, N. H.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
LAKESIDE FORGE CO., Erie, Pa.
See adv index at end of book
Lamson & Sessions Co. ("Lamson Rapid," Engineers', Case Hardened), 2188 Scranton rd S N, Cleveland, O.
LOWELL WRENCH CO. ("Lowell" Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book
Lutz Co. ("Lutz"), 31st & Grays Ferry av, Philadelphia, Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Mason F. C & Co. ("Mason"), St. Johns, Mich.
Meadville Wrench Co. (Steel Handled Railroad Wrenches), Meadville, Pa.
Monte Wrench Co. ("Monte" Wood Handle), Shelbyville, Ind.
Mossberg Frank Co. ("Thin Model" Pressed Steel Engineers, Single & Double End Type), Attleboro, Mass.
Muncie Malleable Castings Co., Muncie, Ind.
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.
PECK, STOW & WILCOX CO. ("P. S. & W," Solid Handle), Southington, Conn.
See adv index at end of book
Pratt Wm. E. Mfg. Co. ("Superior"), 35 W Lake, Chicago, Ill.
Ronson Specialty Co., 7 Mulberry, Newark, N. J.
Joy A. P., Rockingham, N. H.
Simmon John Co., 110 Centre, New York
See adv index at end of book
Smith H. D. & Co. ("Perfect Handle," Drop Forged), Plantsville, Conn.
Syracuse Wrench Co., 325 N Fayette, Syracuse, N. Y.
TRIMONT MFG. CO. ("Trimo"), 55 Amory, Boston, Mass.
Union Hardware Co., Torrington, Conn.
Vichek Tool Co. ("Vichek" Single & Double Head), 3000H E 87th, Cleveland, O.
Wakefield Clarence E. ("Wakefield" Adjustable), Worcester, Mass.
WALDEN-WORCESTER INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass. *See adv index at end of book*
WILLIAMS J. H. & CO. (Cap Screw, Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms ("Winchester"), New Haven, Conn.

17072— Wrenches (Fixture)

Superior Tool Co. ("Du Charme"), Cambridge, O.
Yost Electric Mfg. Co. ("Falcon"), Toledo, Ohio

17073— Wrenches (Flange)

Nye Tool & Machine Works (Ratchet), 108 N Jefferson, Chicago, Ill.
Strong, Carlisle & Hammond Co. ("Strong Utility"), 336 Frankfort av N W, Cleveland, O.

17074—Wrenches for Underground Valves

Darling Valve & Mfg. Co., Williamsport, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv index at end of book

17075—Wrenches (Fruit Jar)

Arcade Mfg. Co. ("Little Giant"), Freeport, Ill.
Cassady Fairbanks Mfg. Co. ("Cinch"), 6126 S La Salle, Chicago, Ill.
Forbes Benj. P. Co. ("Triumph"), 409 Superior av, Cleveland, O.
Glenny Wm. Glass Co. ("Glenny"), 10 W Commerce, Cincinnati, O.
Kobler Die & Specialty Co., De Kalb, Ill.
Parker Wire Goods Co., Worcester, Mass.
Titchener-Diehl Co., 1844-48 W Austin av, Chicago, Ill. *See adv index at end of book*
Wickwire Spencer Steel Corp., Worcester, Mass. *See adv index at end of book*
Wolverine Supply & Mfg. Co. ("Little Giant" Holder & Opener), Page & Fontella, Pittsburgh, Pa.

17076-7-8—Wrenches (Gas Cock)

Malleable Iron Fittings Co. ("M. I. F. Co.") Branford, Conn.

17079—Wrenches (Hydrant)

Berry Chas. E. ("Hopkins" Plain & Adjustable), Somerville, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
WILLIAMS J. H. & CO. (Drop-Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17080—*Wrenches (Key Adjusting)

COES WRENCH CO., Coes sq, Worcester, Mass.
See adv index at end of book

17081—Wrenches (Knife Handle)

COES WRENCH CO. ("Knife-Handle"), Coes sq, Worcester, Mass.
See adv index at end of book
Cushman Auto Tool Co., Champaign, Ill.

17082— Wrenches (Lag Screw)

Dicke Tool Co., Downers Grove, Ill.
Klein Mathias & Sons, 3200 Belmont av, Chicago, Ill
LOWELL WRENCH CO. ("Lag Screw" Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged Lag Screw & Bolt), 261 H Broadway, New York, and 130 H Colt, Irvington, N. J.
See adv index at end of book

17083—*Wrenches (Linemen's)

WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

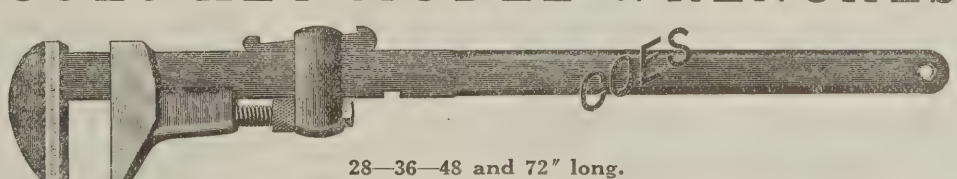
17084—*Wrenches (Lock Jaw)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

17085—Wrenches (Locomotive)

Bonney Forge & Tool Works, Allentown, Pa.
Erie Tool Works, Erie, Pa.
Lakeside Forge Co., Erie, Pa.
See adv index at end of book

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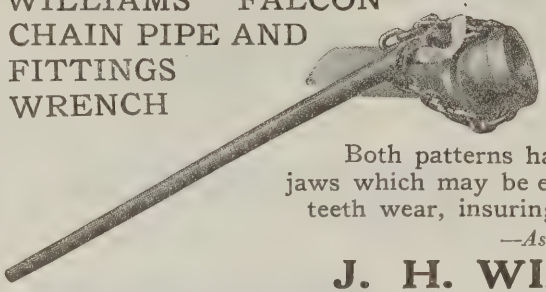


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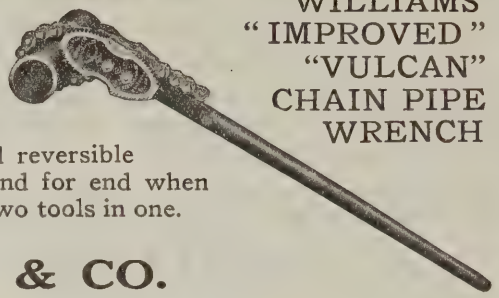
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See adv index at end of book

17085a— *Wrenches (Loom)

Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Machinists')

See Wrenches, Engineers' & Machinists'

17086-7—*Wrenches (Metal Handle)

COES WRENCH CO. ("Star 91"), Coes sq, Worcester, Mass.
See adv index at end of book

Wrenches (Nut)

See Wrenches, Engineers' & Machinists; also Wrenches, Adjustable

17088— Wrenches (Pin)

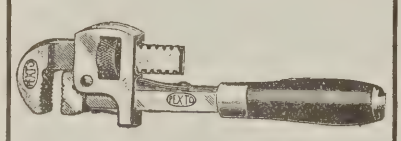
Billings & Spencer Co. ("B. & S." Drop Forged Steel), Hartford, Conn.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17089— Wrenches (Pipe)

Armstrong Mfg. Co., ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Belden Machine Co. ("Hayden," Brass & Nickel), New Haven, Conn.
Bemis & Call Hardware & Tool Co. (Combination Pipe & Nut), Springfield, Mass.
Billings & Spencer Co. ("B. & S." Chain), Hartford, Conn.
Bonney Forge & Tool Works ("Always Ready," "Stillson," "Crocodile," Adjustable "S"), Allentown, Pa.
Bullock Mfg. Associates, Springfield, Mass.
Buschle Sons Mfg. Co., 1637 Central av, Cincinnati, O.
Continental Supply Co., 1139 Olive, St. Louis, Mo.
Craftsman Tool Co. (Self-Adjusting) Conneaut, O.
Crane Co., 836 S Michigan av, Chicago, Ill.
See adv index at end of book
Darling Valve Mfg. Co. (Ltd.), Williamsport, Pa.
Drop Forging Co. of New York ("Spartan" Chain), 301 West Side av, Jersey City, N. J.
Efficiency Device Corpn., 199 8th, Long Island City, N. Y.
Ellis & Ford Mfg. Co. (Combination Pipe & Monkey Wrench), Detroit, Mich.
Erie Stamping & Mfg. Co., Erie, Pa.
Erie Tool Works, Erie, Pa.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Fuller Bros. Co., 139 Greenwich, New York
Great Lakes Forge Co., Racine av & 119th, Chicago, Ill.
Greene, Tweed & Co. ("Champion"), 109 Duane, New York
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hawkeye Wrench Co. ("Hawkeye" & "Superior"), Marshalltown, Ia.
Hayward Wrench Co., St. Louis, Mo.
Hilts Wrench & Mfg. Co. ("Hilts," "Eclipse," "Comet" & Adjustable Chain), Richford, N. Y.
Keystone Mfg. Co. ("Westcott" Adjustable), Buffalo, N. Y.
Kraeuter & Co. ("Victor" Alligator), 533 18th av, Newark, N. J.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
See adv index at end of book
Lutz Co., Inc. ("Lutz" With Friction Ratchet), 31st & Grays Ferry av, Phila., Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Monte Wrench Co., Shelbyville, Ind.
Moore Drop Forging Co., Springfield, Mass.
Mossberg Frank Co. ("Gripsall"), Attleboro, Mass.
Nason Mfg. Co., 71 Fulton, New York
Oil Well Supply Co. ("O."), 215 Water, **Pittsburgh, Pa.**
Oswego Tool Co. ("Stillson" & "Standard" Patterns), Oswego, N. Y.
Parmelee Wrench Co. ("Parmelee's" Girdle), 2515 W Monroe, Chicago, Ill.
Peck, Stow & Wilcox Co. ("Pexto"), Southington, Conn.
See adv index at end of book

PEXTO

Pipe Wrenches



THE PECK STOW & WILCOX COMPANY

Southington, Conn.

Pfeifer F. ("Johnston"), 97 Reade, New York
Robbins, Gamwell & Co., Pittsfield, Mass.
Saunders' D. Sons, Yonkers, N. Y.
Shaw Propeller Co. (Alligator), 15 Elkins, Boston, Mass.
Smith H. D. & Co. ("Perfect Handle") Plantsville, Conn.
Star Mfg. Co. ("Elgin" Pipe Jaw), Carpentersville, Ill.
Stearns Mfg. Co., Toledo, O.
TRIMONT MFG. CO. ("Trimo"), 55 Amory, Boston, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B. Grip," Drop Forged Steel), 2114 Carroll av, Chicago, Ill.
Wakefield Clarence E. ("Wakefield," Quick "Adjustable"), Worcester, Mass.
Walworth Mfg. Co. ("Stillson" "Walworth Genuine Stillson"), Boston, Mass.
Warnock Mfg. Co. ("Warnock," "Warnock Simplex," "Smooth Pipe"), 54 Commercial, Worcester, Mass.
WILLIAMS J. H. & CO. ("Vulcan" & "Falcon" Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winchester Repeating Arms Co. ("Ireland" Drop Forged), New Haven, Conn.
Wolverine Brass Co., Grand Rapids, Mich.

17090— Wrenches (Pipe & Pipe Cutter Combined)

Bonney Forge & Tool Works ("Masterpiece"), Allentown, Pa.

Wrenches Pocket

See Wrenches, Bicycle & Pocket

17091—Wrenches (Ratchet)

See also Drills, Ratchet

Allen Wrench & Tool Co., 189 Public, Providence, R. I.
Burgess & Norton Mfg. Co. ("Stephens"), Geneva, Ill.
C. M. B. Wrench Co. ("Silver King," Adjustable Handle Socket Ratchet, "Auto Queen," Factory, Machinists), Garwood, N. J.
Custer Coupling Co. ("Custer"), Bradford, Pa.
FRICK & LINDSAY CO. (Car, Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Greene, Tweed & Co. ("Favorite," Reversible), 109 Duane, New York
Irving Mfg. & Tool Co., 157 Chambers, New York
Keystone Mfg. Co. ("Keystone" Reversible), Buffalo, N. Y.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill. *See adv index at end of book*
LOWELL WRENCH CO., ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Lutz Co. Inc. (For Bolts & Nuts), Morris & Bambrey, Phila., Pa.
Maytag Co. ("Hawkeye" for Thrasher Cylinders), Newton, Ia.
Miller Chas. ("Comet"), Syracuse, N. Y.
Mossberg Frank Co. ("Mossberg" "Auto-Cle" Flat, Handle, Ratchet, Reversible & Non-Reversible Socket), Attleboro, Mass.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American), Phila., Pa.
Parmalee Wrench Co. ("Parmalee"), 2515 W Monroe, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Richards-Wilcox Mfg. Co. ("Wizard" Adjustable), Aurora, Ill.
Sedgley R. F. ("Hexall," "K. & S."), 2311 N 16th, Phila., Pa.
Simmons John Co., 110 Centre, New York
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Syracuse Wrench Co. ("Champion" & "Yala"), 325 N Fayette, Syracuse, N. Y.
WALDEN-WORCESTER, INC. ("Walden-Worcester" Socket), 475 Shrewsbury, Worcester, Mass.
See adv. index at end of book
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y.
Yonts C. H. & Co. (With Handle), Meadville, Pa.

17091a—*Wrenches (Reversible Ratchet)

FRICK & LINDSAY CO. (Dealers), Sandusky & Robinson, Pittsburgh, Pa.
See adv index at end of book
Lowell Wrench Co. ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*

17092— Wrenches ("S")

Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Barcalo Mfg. Co., Buffalo, N. Y.
Bemis & Call Hardware & Tool Co. ("B. & C.," Single & Double End Adjustable Nut & Pipe), 983 Main, Springfield, Mass.
Billings & Spencer Co. ("B. & S" Drop Forged Adjustable, Hexagon, etc), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock Mfg. Associates (Adjustable), Springfield, Mass.
Cushman Auto Tool Co., Champaign, Ill.
Erie Tool Works, Erie, Pa.
Forged Products Co. ("Gibraltar"), Conway bldg, Chicago, Ill.
Greene Tweed & Co. ("Baxter" Adjustable), 109 Duane, New York

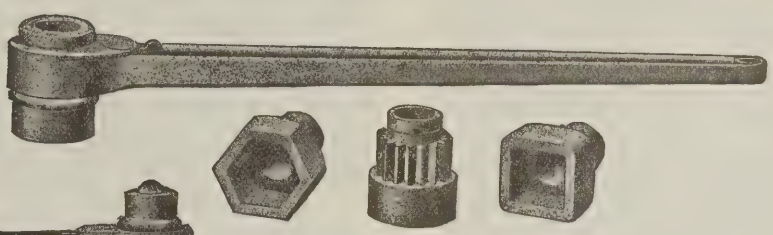
Reversible Ratchet Wrenches

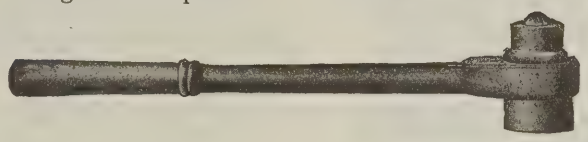




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54 COMMERCIAL ST.
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Keystone Mfg. Co. ("Westcott" Adjustable), Buffalo, N. Y.
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Moore Drop Forgings Co. (Custom Work Only), Springfield, Mass.
Muncie Malleable Castings Co., Muncie, Ind.
National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.
Oswego Tool Co. (Adjustable Nut), Oswego, N. Y.
Robinson M. W. Co. ("Carll" Adjustable, Drop Forged), **296 B'way, New York**
Simmons John Co., 110 Centre, New York
See adv index at end of book
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
WILLIAMS J. H. & CO. (Nut Cap & Set Screw Drop-Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

Wrenches (Screw)
See Wrenches, Engineers & Machinists

17093— Wrenches (Sleeve)
Kendrick-Davis Co. ("K. & D." Jewelers), **Lebanon, N. H.**

17094— Wrenches (Socket)
Allen Wrench & Tool Co. ("Eureka" Ratchet) "Allen-Friction" "Allen-Universal"), 189 Public, Provdence, R. I.
American Grinder Mfg. o. ("Blackhawk"), 718 Poplar, Milwaukee, Wis.
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("B. & S.") Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
C. M. B. Wrench Co. ("Silver Ring" & "Auto Queen," Adjustable Handle, Socket Hatchet), Garwood, N. J.
Channon Jas. H. Mfg. Co. (Socket Handle), 227 W Erie, Chicago, Ill.
Dill Mfg. Co., 684 E. 82nd, Cleveland, O.
Fairmount Tool & Forgng Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Faw J. H. Inc. (Steel), 27 Warren, New York
Graham Roller Bearing Co., Coudersport, Pa.
Harris Samuel & Co., 114 N Clinton, Chicago, Ill.
Improved Guage Mg. Co., 105 Canal, Syracuse, N. Y.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Ketler-Elliott Co. ("Ketoco"), 31st & California, Chicago, Ill.
Keystone Mfg. Co. ("Keystone," "Giant," with Reversible Rachet), Buffalo, N. Y.
LOWELL WRENCH CO. (Reversible Ratchet), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Miller Chas. ("Autos' Friend"), Syracuse, N. Y.
Moore Drop Forging Co. (Custom Work Only), Springfield, Mass.
Mossberg Frank Co. ("Diamond M.," Socket Sets & "Auto Cle," also Ratchet Socket & Tubular Type) Attleboro, Mass.
New England Pressed Steel Co., Natick, Mass.
Packer Auto Specialty Co. ("Ray"), 1420 S Michigan, Chicago, Ill.
Parmalee Wrench Co. ("Parmalee"), 2515 W Monroe, Chicago, Ill.

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WRENCHES (SOCKET)—continued
Sedgley R. F. ("Hexall," "K. & S."), 2311 N. 16th, Phila., Pa.
Vichek Tool Co. ("Vichek" Tubing), 3000H E. 87th, Cleveland, O.
WALDEN-WORCESTER, INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass. *See adv index at end of book*
WILLIAMS & CO. INC., 901-937 Pennsylvania av, N. S., Pittsburgh, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.
Winter Bros. Co., Wrentnam, Mass.
Worcester Pressed Steel Co. (Pressed Steel), Worcester, Mass. *See adv index at end of book*

17095—Wrenches (Spanner)

Billings & Spencer Co. ("B. & S." Drop Forged Adjustable), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Edna Brass Mfg. Co., Cincinnati, O.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Forsyth Metal Goods Co. (Bicycle), E. Aurora, N. Y.
Franklin Park Foundry Co., Franklin Park, Ill.
LUNKENHEIMER CO. (Adjustable), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Morse A. J. & Son Inc., 221 High, Boston, Mass.
Oakes Co., The, Indianapolis, Ind.
Powell Wm. Co. ("Powell"), 2525 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Rhode Island Tool Co. (Drop Forged), Providence, R. I.
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("P. S."), New Haven, Conn.

17096—Wrenches (Spark Plug)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
C. M. H. Wrench Co. ("C. M. B." Adjustable), Garwood, N. J.
Chicago Tool & Kit Mfg. Co., 12 N Market, Chicago, Ill.
Fairmount Tool & Forging Co. ("Fairmount"), 10611 Quincy av, Cleveland, Ohio
Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
Miller Chas. ("2-in-1," "XX," "4-in-1"), Syracuse, N. Y.
Moore Drop Forgings Co. (Custom Work Only), Springfield, Mass.
Mossberg Frank Co. (Pressed Steel, Tubular Socket Type & Flat, End Opening Type), Attleboro, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Republic Auto Parts Co. (For Ford Cars), 31 10th, Long Island City, N. Y.
Vichek Tool Co. ("Vichek"), 3000H E 87th, Cleveland, O.
WALDEN-WORCESTER, INC. ("Walden-Worcester"), 475 Shrewsbury, Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17097—Wrenches (Splicing)

Dicke Tool Co., Downers, Grove, Ill.
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged Tie & Splicing), 261 H. B'way, New York, & 130 H. Coit, Irvington, N. J. *See adv index at end of book*

17098—Wrenches (Sprocket)

Ayes & Co. ("Champion" Hub), 1812 Ellen, Chicago, Ill.

17099— Wrenches (Steel)

Bossert Corp., The, cor Linden & West av, Utica, N. Y.
COES WRENCH CO., Coes sq, Worcester, Mass. *See adv index at end of book*
Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
Lutz Co., Inc. (Non Marring for Finished Parts), Morris & Bambrey, Phila., Pa.
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17100—Wrenches (Structural)

Bonney Forge & Tool Works, Allentown, Pa.
Lakeside Forge Co., Erie, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17101— Wrenches ("T")

Simmons John Co., 110 Centre, New York *See adv index at end of book*
Winchester Repeating Arms Co. ("P. S."), New Haven, Conn.

17102—Wrenches (Tap & Reamer)

Alert Tool Co. (Ratchet), 237 N 6th, Philadelphia, Pa.
AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass. *See adv index at end of book*
Armstrong Mfg. Co. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
Bay State Tap & Die Co., Mansfield, Mass.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Braunsdorf-Mueller Co. (Tap), Elizabeth, N. J.
Brubaker W. L. & Bros. (Adjustable), Millersburg, Pa.
Bullock Mfg. Associates, Springfield, Mass.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. ("Horsfield"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. ("Nichols"), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
Dikeman Mfg. Co. (Tap Wrench for Hand Taps, also with Hollow Handle), Norwalk, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex" Adjustable Tap), Cleveland, O.
Keystone Mfg. Co. ("Keystone" or Ratchet Stud Driver), Buffalo, N. Y.
Morse Twist Drill & Machine Co. ("Morse" For Adjustable Reamers & Taps), New Bedford, Mass.
North Bros. Mfg. Co. ("Yankee" Tap), Lehigh & American, Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son Co. (Adjustable), Millersburg, Pa.
Poorman J. E. (High Speed), 1825 Bristol, Phila., Pa.
Pratt & Whitney Co. (Adjustable), Hartford, Conn.
Robinson M. W. Co. ("Rollis"), 296 B'way, New York
Russell Mfg. Co. (Adjustable), Greenfield, Mass.
Sawyer Tool Mfg. Co. (Tap), Ashburnham, Mass.
Standard Tool Co., 6700 Central av, Cleveland, O.
STARRETT L. S. CO. (THE), (Tap Wrenches), Athol, Mass. *See adv index at end of book*
Walworth Mfg. Co., Boston, Mass.
West Haven Mfg. Co. ("Hold Fast" & T. Handle Tap Wrench), West Haven, Conn.
Williamsburg Mfg. Co., Williamsburg, Mass.
Winchester Repeating Arms Co. ("P. S."), New Haven, Conn.
Winter Bros. Co., Wrentham, Mass.

17103— Wrenches (Textile)

Bonney Forge & Tool Works, Allentown, Pa.
Lakeside Forge Co., Erie, Pa.
WALDEN-WORCESTER, INC. ("Walden-Worcester" Machined), 475 Shrewsbury, Worcester, Mass. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17104— Wrenches (Thin)

Bonney Forge & Tool Works, Allentown, Pa.
Lakeside Forge Co. ("Lakeside"), Erie, Pa. *See adv index at end of book*
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y.

17105—Wrenches (Thresher Cylinder)

Fosston-Carpenter Co. ("Fosston," Ratchet), St. Paul, Minn.
Russell & Co. ("Russell"), Massillon, O.

17106—Wrenches (Tool Post)

Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Lakeside Forge Co. ("Lakeside" Drop Forged), Erie, Pa. *See adv index at end of book*
Williams J. H. & Co. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17107— Wrenches (Track)

Beall Bros. (Single & Double End), Alton, Ill.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Bonney Forge & Tool Works, Allentown, Pa.
Chester Steel Castings Co., Chester, Pa.
Evansville Tool Works, Evansville, Ind.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
LAKESIDE FORGE CO. ("Lakeside"), Erie, Pa. *See adv index at end of book*
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
Verona Tool Works (Straight & T), Oakmont, Pa.
Warwood Tool Co., 19th, Warwood, Wheeling, W. Va.
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

17107a— *Wrenches (Triplehead)

Bonney Forge & Tool Works, Allentown, Pa.
WILLIAMS J. H. & CO. (Drop-Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Wrenches (Wagon)

See Wrenches, Carriage

17108—Wringers (Blue Print)

Lovell Mfg. Co. (& for Mechanical Work), Erie, Pa.
Pease C. F. Co., 820 N Franklin, Chicago, Ill. *See adv index at end of book*

17109— Wringers (Clothes)

American Ironing Machine Co. ("Triumph"), 166 N Michigan, Chicago, Ill.
American Laundry Machinery Co., Norwood, Cincinnati, Ohio
American Wringer Co., 99 Chambers, New York
Blackstone Mfg. Co. ("Blackstone" Swinging Wringer, Electric Washing Machine, "Blackstone" Gasolene Power Swinging Wringer, Washing Machine), Jamestown, N. Y.
Crystal Washing Mach. Co. (Elect.), 1118 Gratiot, Detroit, Mich.
Lovell Mfg. Co. ("Anchor Brand" Ball Bearing), Erie, Pa.
Petroleum Engine & Mfg. Co., 120 B'way, New York
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

17110— Wringers (Mop)

American Wringer Co., 99 Chambers, New York
Ayes & Co. ("Champion"), 1812 Ellen, Chicago, Ill.
Bennington Scale Co. ("Molly Stark"), Bennington, Vt.
Brockton Mop Wringer Co. ("Brockton"), Brockton, Mass.
Bushnell Novelty Co. ("Bull Dog"), Mansfield, O.
Cardington Cabinet Co. ("Oscillator," "Ohio Crank"), Cardington, O.
Dobbins Mfg. Co. ("D. & B." Wringer & Pail), 127 1st, Minneapolis, Minn.
Eagle Woodenware Mfg. Co. ("Eagle" Wringer & Bucket Combined), Hamilton, O.
Ely Theo. J. Mfg. Co., Girard, Pa.
Erie Mop & Wringer Co. ("Erie"), Erie, Pa.
Gilchrist Co., 236 Bank, Newark, N. J.
MacLeod Mfg. Co., 2640 Greenview av, Chicago, Ill.
Schubert August Wagon Co. ("Reliance"), Oneida, N. Y.
Smith System Heating Co. (Ellis Economy), 821 Washington av, S E, Minneapolis, Minn.
Success Mfg. Co. (Square Galvanized), Gloucester, Mass.
Tucker & Dorsey Mfg. Co. ("Columbia" Mop & Bucket Combined), Indianapolis, Ind.
U. S. Mop Co. ("E-Z"), Toledo, Ohio
White Mop Wringer Co. ("White"), Fultonville, N. Y.

17111—Wrist Bands (Husking)

Bemzo Chemical Co., 39 Coritandt, New York
Boss Mfg. Co., Kewanee, Ill.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Clark R. F. Mfg. Co., 169 N Jefferson, Chicago, Ill.
Florin Philip, 465 Broome, New York

17112— X-Ray Apparatus

Betz Frank S. Co., Hammond, Ind.
Bush Geo. Electric Corp., 334 Sutter, San Francisco, Cal.
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Columbia X-Ray & Electric Corp., 131 E 23d, New York
Dodd & Struthers, Des Moines, Ia.
Dudlo Mfg. Co., Ft. Wayne, Ind.
Edwards X-Ray Mfg. Co., 111 New Jersey, Indianapolis, Ind.
Foote Pierson & Co., 160 Duane, New York
Green & Bauer ("Clover Leaf" & "Mascot" X-Ray Tubes), Hartford, Conn.
Kelley-Koett Mfg. Co., ("K.-K.") Covington, Ky.
Kny-Scheerer Co., 404 W 27th, New York
McIntosh Battery & Optical Co., 217 Desplaines, Chicago, Ill.
Meyer Wm. Co., 1644 Girard, Chicago, Ill.
Rieber Laboratories, 667 Howard, San Francisco, Cal.
Ritchie E. S. & Sons, Brookline, Mass.
RITTER DENTAL MFG. CO., INC., Rochester, N. Y.
Ten Broeck & Huber, 214 E 23d, New York
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.
Victor Electric Co., 236 S Robey, Chicago, Ill.
Victor-X-Ray Corp. ("Coolidge" Tube Control), 236 S. Robey, Chicago, Ill.
Waite & Bartlett Mfg. Co., 53 Long Island City, N. Y.
Williams E. 2, Syracuse, N. Y.
Wappler Electric Co., 187 Harris av, Long Island City, N. Y.
Ziola-Jackson X-Ray Coil Co., Madison, Wis.

17113—X-Ray Fluoroscopes

See also X-Ray Apparatus

Jackson Francis E., Orange, N. J.

17113a— Xylenols

Barrett Co., 17 Battery pl, New York

17113b— Xylidine

Calco Chemical Co. (For making Dyes), Bound Brook, N. J.
Chemical Co. of America (Mfrs), 23 Platt, New York
Fergusson Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Montcalm Chemical Works, Indianapolis, Ind.

17113c— Xylol

See also Coal Tar Products

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Citizens Gas Co., 47 S Penn, Indianapolis, Ind.
Coopers Creek Chemical Co., West Conshohocken, Pa.
Corrigan McKinney & Co., Cleveland, O.
Edison International Corp., 165 B'way, New York
Jordan William E. Inc., 13 Cliff, New
Lewis F. J. Mfg. Co., Moline, Ill.
Williamson & Co., 28 Burling Slip, New York

17114— Yard Sticks

American Mfg. Concern, Falconer, N. Y.
Bliss Mfg. Co., Bliss, N. Y.
Bogert & Hopper Inc., 57 Barclay, New York. *See adv index at end of book*
Bradley Milton Co., Springfield, Mass.
Chapin-Stephens Co. (Also School & Desk Rulers, etc), Pine Meadow, Conn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Geneva Mfg. Co., Geneva, Ill.
Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.
Novelty Advertising Co., Coshocton, O.
Seneca Falls Rule & Block Co., Inc., Dept H, Seneca Falls, N. Y.
Stanley Rule & Level Co., New Britain, Conn.
Up-to-Date Advertising Co. ("Kanisteo"), Canisteo, N. Y.
Westcott-Jewell Co. (Meter Sticks, Extension Rods, etc.), Seneca Falls, N. Y.

17114a— Yarn (Asbestos)

Asbestos Fibre Spinning Co., North Wales, Pa.
Atlantic Asbestos Co., 132 W 2d, Phila., Pa.
DOMINION ASBESTOS & RUBBER CORP, 154 Nassau, New York *See adv index at end of book*
General Asbestos & Rubber Co., Charleston, S. C.
Multibestos Co., Walpole, Mass.
Rockbestos Products Corp. ("Rockbestos"), New Haven, Conn.

17115— Yarn (Fodder)

American Mfg. Co., West & Noble, Brooklyn, N. Y.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Rinek Cordage Co., Easton, Pa.

17116— Yarn (Jute)

Allentown Spinning Co., Allentown, Pa.
Crichton Spinning Co., Allentown, Pa.
Hooper Wm. C. & Sons, 3502 Parkdale av, Baltimore, Md.
Dolphin Jute Mills, Paterson, N. J.

17117— Yarn (Lath)

American Mfg. Co., West & Noble, Brooklyn, N. Y.
Columbian Rope Co. (Tarred Sisal), 3050 Genesee, Auburn, N. Y.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooper Wm. E. & Sons, 3502 Parkdale av, Baltimore, Md.
Hooven & Allison Co. (Tarred), Xenia, O.
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Peoria Cordage Co. (Tarred & Untarred), Peoria, Ill.
Plymouth Cordage Co., North Plymouth, Mass.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("Royal"), 1715 S 11th, St. Louis, Mo.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

17118— Yarn (Mop)

Dearborn Duster Co. ("Dearborn"), 550 W Harrison, Chicago, Ill.
Eagle Cotton Mills Co., Madison, Ind.
Estes Mills, Fall River, Mass.
Grahamton Mfg. Co., Grahamton, Ky.
Hooper Wm. E. & Sons Co., 3502 Parkdale av, Baltimore, Md.
Massasoit Mfg. Co., Fall River, Mass.
Mt. Vernon-Woodberry Mills, Inc., Cont. bldg., Baltimore, Md.
Richards Fred J., Springfield, Masss.
Southern Mills Corpn., Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Westport Mfg. Co., Fall River, Mass.
Yocona Mills, Water Valley, Miss.

17119— Yarn (Tarred)

American Mfg. Co., West & Noble, Brooklyn, N. Y.
Broderick & Bascom Rope Co., 805 N Main, St. Louis, Mo.
Columbian Rope Co. (Sisal), 3050 Genesee, Auburn, N. Y.
Fischer & Hayes Rope & Steel Co., 742-744 W Van Buren, Chicago, Ill.
Hooven & Alison Co. (Fodder, Lath, etc), Xenia, O.
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
WALL ROPE WORKS, INC., 48 South, New York
Waterbury Co., 63 Park Row, New York

17119a— Yeast Mfrs.

Barber Horace Distilling Co., Warehouse Point, Conn.
Fleischmann Co., 427 Plum, Cincinnati, O.
National Distilling Co., ft 27th, Milwaukee, Wis.

17120—Yellow Metal (Cold Rolled)

American Brass Co., Waterbury, Conn. *See adv. index at end of book*
Taunton-New Bedford Copper Co., Taunton, Mass.

17121—Yellow Metal (Polished)

American Brass Co., Waterbury, Conn. *See adv. index at end of book*
Taunton-New Bedford Copper Co., Taunton, Mass.

17122—Yellow Metal (Sheet & Rod)

AMERICAN BRASS CO., Waterbury, Conn. *See adv index at end of book*

17123— Yoke Ends

Williams J. & H. Co. (Drop-Forged, Unfinished), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17124— Yokes (Clip)

Upson Nut Co. (Wrought Iron & Plate), Cleveland, O.

17125— Yokes (Coupler)

Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Keyoke Railway Equipment Co. ("Murray Keyoke"), Monadnock blk, Chicago, Ill

17126—Yokes (Draw Bar)

Buckeye Steel Castings Co., Columbus, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.

17127—Yokes (Pocket Coupler, Etc.)

Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Valley Forging Co., Verona, Pa.

17128—Yokes (Street Railway)

Davies & Thomas Co. (Cast Iron), Catsauqua, Pa.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

17128a— Yttrium

Foote Mineral Co., Inc., 107 N 19th, Phila., Pa.

17129— Zaffer

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Highfield John W., 248 N 10th, Brooklyn, N. Y.
Roessler-Hasslacher Chemical Co., 709 6th av, New York

17129a— Zinc (Acetate)

Cooper Chas. & Co., 194 Worth, New York

17130— Zinc (Aluminized)

New Era Mfg. Co., Kalamazoo, Mich.

17130a— Zinc Arsenate

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

17130b— Zinc Blend

Northern Ore Co., Edwards, N. Y.

17130c— Zinc (Bromide)

Cooper Chas. & Co., 194 Worth, New York

17131— Zinc Carbonate

Fergusson Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Fuller, Ralph L. & Co., Inc., 81 Fulton, New York
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

17132— Zinc Chloride

American Alloys Co., American bldg, Baltimore, Md.
Bauer Philipp Co. (Im.), 25 Broadway, New York
Fuller Ralph L. & Co., Inc., 81 Fulton, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Innis, Speiden & Co., Inc., 46 Cliff, New York *See adv index at end of book*
Klipstein A. & Co. (Ammonium, Imp.), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
New Jersey Zinc Co., 160 Front, New York
Newport Chemical Wks. Inc., Milwaukee, Wis.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sandoval Zinc Co. (In Liquid Form), 410 N Peoria, Chicago, Ill.

17132a— Zinc Chromate

Harshaw Fuller & Goodwin Co., Elec. bldg, Cleveland, O.

17132b— Zinc (Cyanide)

Cooper Chas. & Co., 194 Worth, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York

17133— Zinc Dust

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Ball Brothers Glass Company, Muncie, Ind.

ZINC DUST—continued
Bischoff C. & Co. (Imp.), 451 Washington, New York
Braun Cork, 363 New High, Los Angeles, Cal.
Denver Fire Clay Co., Denver, Colo.
Fergusson Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 81 Fulton,
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Illinois Zinc Co., Peru, Ill.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
International Minerals & Metals Corp., 61H Broadway, New York
Klipstein A. & Co., 644 Greenwich, New York
Metals Disintegrating Co. Inc., 62 B'way, New York
Mitsui & Co., (Japanese), 65 Broadway, New York
National Zinc Co., 61 B'way, New York
New Jersey Zinc Co., 160 Front, New York
Rau Henry M., 130 Pearl, New York
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Sergeant E. M. Co., 15 E. 26th, New York *See adv index at end of book*
United States Smelting Co., 61 B'way, New York
United Zinc Smelting Corp., 99 John, New York
Wagner Charles A. Co., Inc., 222H N. Front, Phila., Pa.

17133a— Zinc (Electrolytic)

Electrolytic Zinc Co., Inc., 3 S William, New York

17133b— Zinc (Granulated)

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

17133c— Zinc (Iodide)

Cooper Chas. & Co., 194 Worth, New York

17134— Zinc Mfrs.

American Boran Products Co., Inc. (Boranic in Shot Form), Reading, Pa.
American Zinc Products Co., Greencastle, Ind.
American Zinc, Lead & Smelting Co., 120 Broadway, New York
Anaconda Copper Mining Co., Butte, Mont.
Ball Brothers Glass Mfg. Co. (Strip & Slab), Muncie, Ind.
Bartlesville Zinc Co., 61 B'way, New York
Bertha Mineral Co., Pulaski, Va.
Collinsville Zinc Co., Collinsville, Ill.
Conn. Metal & Chemical Co. (Pig), E. Berlin, Conn.
Eagle-Picher Lead Co., 208 S La Salle, Chicago, Ill.
Edgar Zinc Co., Boatman's Bank bldg., St. Louis, Mo.
Empire Zinc Co., Denver, Colo.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hegeler Bros., Danville, Ill.
Henryetta Spelter Co., Henryetta, Okla.
Illinois Zinc Co. (Electrolytic Sheet, etc), Peru, Ill.
Lanyon Robt. Zinc & Acid Co., Hillsboro, Ill.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill.
Missouri Zinc Co., Beckemeyer, Ill.
National Zinc Co., 61 B'way, New York
New Jersey Zinc Co., 160 Front, New York
Pittsburg Zinc Co., Pittsburg, Kan.
Platt Bros. & Co. (Cold Rolled), Waterbury, Conn.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Tulsa Fuel & Mfg. Co., Collinsville, Okla.
United States Zinc Co., Pueblo, Colo.
United Zinc Smelting Corp., 99 John, New York
Wagner Charles A. Co., Inc., 222H N. Front, Phila., Pa.

17135—Zinc (Nickeled, Brassed & Coppered)

Rothschild M., 207 Norman av, Brooklyn, N. Y.

17136—Zinc-Nickelized Sheet

National Sheet Metal Co., Peru, Ill.

17136a— Zinc Oxide

See also Oxide of Zinc

American Zinc, Lead & Smelting Co., 120 B'way, New York, & 55 Congress, Boston, Mass.
Chrystal Charles B., 13 Cliff, New York *See adv index at end of book*
Harshaw, Fuller & Godwin Co., Elec. bldg, Cleveland, O.
Seamless Rubber Co., New Haven, Conn.
Sergeant E. M. Co., 15 E. 26th, New York *See adv index at end of book*
The National Sales & Trading Co., Cleveland, O.
Vitro Mfg. Co., H Bessemer bldg, Pittsburgh, Pa.
Wagner Charles A. Co., Inc., 222H N. Front, Phila., Pa.

17137—Zinc Plates for Boilers

American Zinc Products Co., Greencastle, Ind.
Ball Brothers Glass Mfg. Company, Muncie, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Phillips E. & Sons, South Hanover, Mass.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
Smith & McCrorken, Inc., 65 Engert, Brooklyn, N. Y.

17137a— Zinc Resinate

Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, Ohio
Scheel Wm. H., 159 Maiden la, New York *See adv index at end of book*

17138— Zinc Salts

American Luminous Products Co., Huntington Park, Cal.
Buchanan C. G. Chemical Co. ("Triangle B" Sulphuret, Liver of Sulphur & Potassium Sulphuret), 4650 Baker av, Cincinnati, Ohio
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

Zinc Shavings

See Shavings, Zinc

17139— Zinc (Sheet)

American Zinc Products Co., Greencastle, Ind.
Ball Brothers Glass Mfg. Company, Muncie, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Illinois Zinc Co., Peru, Ill.
International Minerals & Metals Corp., 61H B'way, New York
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
METAL PRODUCTS CO., 549 W. Washington blvd, Chicago, Ill.
National Sheet Metal Co. (Tombac Special Plated & Polished), **Peru, Ill.**
North American Copper Co., 52 Vanderbilt av, New York
Pacific Metal Works, 153H 1st, San Francisco, Cal.
Republic Metalware Co., Buffalo, N. Y.
SMITH & McCRORKEN, INC., 65 Engert, Brooklyn, N. Y.
Stimpson Edwin B. (Flat & Coils), 852 Kent av, Brooklyn, N. Y.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

17139a— Zinc (Sherardizing)

Grasselli Chemical Co., Guardian bldg, Cleveland, O.
New Jersey Zinc Co., 160 Front, New York
Orr Chemical Co., Newark, N. J.

17140— Zinc Specialties

Bryant Mfg. Co. (Of All Kinds), 456 W Ontario, Chicago, Ill.
Bryant Zinc Co. (Of All Kinds), 600 Orleans, Chicago, Ill.
Geuder, Paeschke & Frey Co. (Drawn or Stamped), 1314-1790 St. Paul, Milwaukee, Wis. *See adv index at end of book*
Waterbury Button Corp., 831 S. Main, Waterbury, Conn. *See adv index at end of book*

17140a— Zinc Stearate

Fergusson, Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
Garrigues Chas. F. Co. (Brokers), 54H Wall, New York
Lathrop H. R. & Co., 116 Beekman, New York
Mallinckrodt Chemical Wks., Mallinckrodt & W 2d, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Meyer J. & Sons (Imp), Bourse bldg, Phila., Pa.
National Aniline & Chemical Co., 21 Burling Slip, New York
National Oil Products Co., Harrison, N. J.
Sheperd Chemical Co., Beech & Highland, Cincinnati, O.
Stearyte Co. Inc., 312 E 22d, New York
Stresen-Reuter & Hancock, Inc., 122 S Michigan, Chicago, Ill.

17140b— Zinc Strips

American Zinc Products Co., Greencastle, Ind.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Illinois Zinc Co., Peru, Ill.
New Jersey Zinc Co. (Rolled), 160 Front, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.

Zinc Sulphate

See Sulphate of Zinc

17141— Zinc Sulphide

American Luminous Products Co. (Phosphorescent), Huntington Park, Cal.
Fezandie Felix (Imported), 205 Fulton, New York
Katzenbach & Bullock Co., 100 William, New York

17142— Zinc (White)

See also Oxide of Zinc

Fergusson Alex. C., Jr., 474 Chestnut Phila., Pa. *See adv index at end of book*
French Sam'l H. & Co. (Dealers & Grinders), 4th & Callowhill, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Elec. bldg, Cleveland, O.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
New Jersey Zinc Co. (French Process), 160 Front, New York
Wagner Charles A. Co., Inc., 222H N. Front, Phila., Pa.

17143— Zincs (Battery)

Ball Brothers Glass Mfg. Company, Muncie, Ind.
Beattie Zinc Works Co., Reading, Mass.
Brady Brass Co., 170 14th, Jersey City, N. J.
Bryant Mfg. Co. (All Patterns), 456 W Ontario, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl, New York
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Edes Mfg. Co., Plymouth, Mass.
Fox John M. & Co., Portland, Me.
Grasselli Chemical Co. ("Franklin"), Guardian bldg, Cleveland, O.
Illinois Zinc Co., Peru, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Matthiessen & Hegeler Zinc Co. ("Leclanche" Battery Bars), La Salle, Ill.
Merchant & Evans Co., Washington av & 21st, Phila., Pa.
National Carbon Co., Madison av, N W & W 17th, Cleveland, O.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Phillips E. & Sons, South Hanover, Mass.
Platt Bros. & Co., Waterbury, Conn.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Samson Elec. Co., 146 Samson, Canton, Mass.
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.
Waterbury Battery Co., Waterbury, Conn.
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

17144— Zirconia

Foote Mineral Co. (Mrs.), 109 N 19th, Phila., Pa.
Vitro Mfg. Co. (Oxide White Silicate Natural), 720 Bessemer bldg, Pittsburgh, Pa.

17144a—Zirconium (Metallic)

Foote Mineral Co., 109 N 19th, Phila., Pa.
Pfanstiehl Co., N. Chicago, Ill.

17145— Zobos (Wood)

Bogert & Hopper, Inc., 57 Barclay, New York *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Shalita Bros., 268 South, New York

TRADE NAMES

The following is a list of the important Trade Names, Brands, etc., which are shown under the various classifications in Hendricks' Commercial Register with the exception of Automobile Trade Names which will be found on page 55.

This list is included for the purpose of furnishing a Ready Reference for Purchasing Agents and Prospective Buyers to the useful matter contained in the parentheses following many of the names, and which has always been a distinctive feature of the work.

Although no responsibility can be assumed for the information contained herein, every effort has been made to insure its correctness and the publishers would be pleased to receive any information or suggestions which would add to its value.

For kindred classifications, see "Index to Classifications."

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A. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
A. automobile & car builders' wrenches—Armstrong Bros. Tool Co., 339 N. Francisco av, Chicago, Ill.
A. cottton twine—Estes Mills, Fall River, Mass.
A. lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
A. A. insulated wire—A. A. Wire Co., 48 Nesbitt, Newark, N. J.
A. A. A. saw clamps—E. C. Atkins & Co., Indianapolis, Ind.
A. A. 1 tinsel cord—Hy-Sil Mfg. Co., Revere, Mass.
A. B. arc lamps—Adams-Bagnall Electric Co., Platt av, Cleveland, Ohio.
A. B. furniture polish, screen & iron enamels—A. B. Polish Co., 1515 Haddon av, Dept. H, Chicago, Ill.
A. B. motor fire engines—American British Mfg. Co., Providence, R. I.
A. B. BRILLIANT KING metal silver & stove polish—A. B. Polish Co., 1515 Haddon av, Dept. H, Chicago, Ill.
A. B. BRITE LITE cleaning powder—A. B. Polish Co., 1515 Haddon av, Dept. H, Chicago, Ill.
A. B. C. beam clamps—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
A. B. C. bearing balls—Abbott Ball Co., Elmwood Sta., Hartford, Conn.
A. B. C. belt fasteners—Kerr & Co., 114 Liberty, New York
A. B. C. boiler compounds & water purifier—J. H. Parsons Chemical Co., 122 S Michigan av, Chicago, Ill.
A. B. C. brushes, bath room mirrors, etc.—Ames, Bonner Co., Toledo, Ohio
A. B. C. cement coatings—Universal Coatings Corp., 140 Broad, New York
A. B. C. chain—American Ball Chain Works, 12 Wooster, New York
A. B. C. clothes washing machines—Cahn Forster Electric Co., 209 15th, Denver, Colo.
A. B. C. combination & protractor squares—Crookston Tool Co., Crookston, Minn.
A. B. C. electric washing machines—Luthy & Co., Peoria, Ill.
A. B. C. fans—American Blower Co., 1400 Russell, Detroit, Mich.
A. B. C. fire hose reels—Cliff & Guibert Co., 460 W Broadway, New York
A. B. C. high speed steel—Darwin & Miner, 156 Broadway, New York
A. B. C. life rafts—American Balsa Co., Inc., 50 E 42d, New York
A. B. C. pattern boards—C. B. Hewitt & Bros., Inc., 20 Ferry, New York
A. B. C. pipe hangers—Fee & Mason, 81 Beekman, New York City
A. B. C. second hand bags—Atlantic Bag Co., 243 Water, New York
A. B. C. shoveling & End gate boards—A. B. Clippinger & Son Mfg. Co., Kansas City, Kan.
A. B. C. waterproofing materials—Universal Coatings Corp., 104 Broad, New York
A. B. Co. ball bearings—Ahlberg Bearing Co., 2636 Michigan av, Chicago, Ill.
A. B. RADIANT shoe dressing—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.
A. B. Trumpet automobile horns—Adams-Bagnall Electric Co., Platt av, Cleveland, Ohio
A. B. WITE EST. shoe cleaner—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.
A. C. cut-off couplings, clutch pulleys, variable speed motors—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
A. C. high temperature cements—Abbott-Converse Co., P. O. Box 1740H, Houston, Tex.
A-C hinges—Arcade Mfg. Co., Freeport, Ill.
A. C. spark plugs—Champion Ignition Co., Flint, Mich.
A. C. Co. cattle stanchions, ensilage cutters—Automatic Carrier Co., Juneau, Wis.
A. C. underfeed mechanical stokers—Under Feed Stoker Co. of Am., Book Bldg., Detroit, Mich.
A. E. M. battery—test-o-meter—hydrometers—A. E. Moeller, 261 Sumpter, Brooklyn, N. Y.
A-F coal conveyors—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
A-F telescopic hoists—Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, Ohio
A. H. R. bowling balls—American Hard Rubber Co., 9 Mercer, New York
A. I. E. foundry riddles—Waterbury Welding Co., Waterbury, Conn.
A. J. W. & Co. breast drills—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.
A. L. Golusha gas producers—Nelson Blower & Furnace Co., L. & Elkins, Boston, Mass.
A. L. S. I. W. O. post caps & bases—A. L. Smith Iron Works, Chelsea, Mass.
A. M. babbitt metal—Allen-Murphy Co., 125 W 46th pl, Chicago, Ill.
A. M. shade holders—Art Metal Mfg. Co., E 61st & Curtis av, Cleveland, Ohio
A. M. B. manganese bronze ingots, etc.—American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
A-M-C insulating compounds—American Mica Co., Newton Lower Falls, Mass.
A. M. C. spring calipers & dividers—Athol Mach. & Foundry Co., Athol, Mass.
A. No. 1 wheat flour—Mennel Milling Co., Toledo, Ohio
A. O. C. belt dressing—American Oil Co., 180 S Water, Providence, R. I.
A-O-K furniture polish—Ulrich & Co., 363 E North, Buffalo, N. Y.
A-1 automobile trunk racks—Sargent & Ham Co., 26 Bowker, Boston, Mass.
A-1 cotton plntg. drills—Moline Plow Co., Moline, Ill.
A-1 fire hose—Empire Tire & Rubber Corp., Trenton, N. J.
A-1 fire hose—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
A-1 leather kraft paper—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, Ohio
A-1 metal polish & hand soap—A-I Mfg Co., Front & Wharton, Phila., Pa.
A. P. enamels—Atlas Paint Co., Nashville, Tenn.
A. P. C, centrifugal fans—American Blower Co., 1412 Russell, Detroit, Mich.
A. P. M. asbestos protected roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
A. P. W. toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
A. R. A. car couplers—McConway & Tonley Co., 48th & A. V. R. R., Pittsburgh, Pa.
A. R. R. C. ball cocks & bath & basin & stench traps—Union Metal Works, Chelsea, Mass.
A. S. & W. electrical testing instruments—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
A. T. P. felt & pitch—American Tar Products Co., 208 S La Salle, Chicago, Ill.
A-W cements—Asabel Wheeler Co., 58 High, Boston, Mass.
A. W. steel sheets, range boiler steel, floor plates etc.—Alan Wood Iron & Steel Co., Widener bldg, Phila., Pa.
A. Y. A. sheet packing—Adkins, Young & Allen Co., 561 Wash. blvd., Chicago, Ill.
A. & B. blasting powder—du Pont de Nemours & Co., E. I., Wilmington, Del.

A. & B. gasoline engines—American & British Mfg. Co., Bridgeport, Conn.
A. & E. ore concentrators—Colorado Iron Works Co., Denver, Colo.
A. & J. egg & cream beaters, fruit & vegetable slicers, potato mashers—A. & J. Mfg. Co., Binghamton, N. Y.
A. & W. electric illuminated signs— A. & W. Electric Sign Co., W 3d & Prospect av, Cleveland, Ohio
AAMCOLOSE dextrine, size starch—C. M. Boley Co., 3722 N Randolph, Phila., Pa.
AARON fire extinguishers—Stempel Fire Extinguisher Mfg. Co., 4268 N 20th, St. Louis, Mo.
ABACOT static discharges—Lord Mfg. Co., 105 W 40th, New York
ABACUS steel rolling doors & shutters—Kinnear Mfg. Co., 766 Field av, Columbus, Ohio
ABBE ball mills, pebble mills, pulverizing mills, mead mills, sellman mills & cage mills—Paul O. Abbe, Inc., 924 Johnston bldg., New York.
ABBE grinding & crushing mills—Beach-Russ Co., 50 G Church, New York.
ABBE refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.
ABBOTT pipe couplings—Columbus Brass Co., Columbus, Ohio
ABBOTT railjoint plates—Lackawanna Steel Co., Buffalo, N. Y.
ABBOTT steel balls, burnishing machines, tumbling barrels—Abbott Ball Co., Elmwood Station, Hartford, Conn.
ABBOTT valve reseating tools—Abbott Hardware Co., 636 Columbus av, New York
ABBOTT valve & service boxes—N. P. Bowsher Co., South Bend, Ind.
ABCO automobile tire holders—Auto Brass Mfg. Co., 56 Friendship, Providence, R. I.
ABELL distance recording meters—Sibley-Pitman Electrical Corp., 190 6th av, New York
ABENAQUE gas compressors, traction engines—Abenaque Machine Works, Westminster Station, Vt.
A-BEST-O electric sad irons, Dover Mfg. Co., Dover, O.
ABINGDON farm wagons & trucks—Abingdon Wagon Co., Abingdon, Ill.
AB-LU-ENT paint & varnish remover—Detroit White Lead Works, 560 E Milwaukee, Detroit, Mich.
ABNER acetylene gas machines—Krein Mfg. Co., Wapakoneta, Ohio
ABNEY levels—Taylor Instrument Companies, Rochester, N. Y.
ABNEY'S levels—Keuffel & Esser Co., Hoboken, N. J.
ABOLITE enameled steel reflectors—Adams-Bagnall Elec. Co., Platt av, Cleveland, Ohio
ABORALL canned goods—Otoe Food Products Co., Nebraska City, Nebr.
ABRAM tube brushes—A. W. Chesterton Co., 64 India Boston, Mass.
ABRAMS boiler flue & tube cleaners—Pilley Flue Brush Co., 604 S 3rd, St. Louis, Mo.
ABRAMS steel wire brushes—F. W. Browne, Farmington, N. H.
ABRAMS tube brush cleaners—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
ABRASIVE surface grinders—Abrasive Machine Tool Co., East Providence, R. I.
ABSOLUTE lock nuts—Am. Nut & Bolt Fastener Co., 3 Ontario, Pittsburgh, Pa.
ABSORBIT dustless dust cloths—F. C. Hanson, Southbridge, Mass.
ABSORBO dustless dust cloths—Weil-Ransom Co., 816 Fulton, Chicago, Ill.
ABYSSINIUM carriage top dressing—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
ACCESSO auto accessories—Accesso Mfg. Co., 99 H State, Boston, Mass.
ACCO twines & cords—Auburn Converting Co., 185 Clark, Auburn, N. Y.
ACCURATE chemical fire engines & fire extinguishers —National Metal Stamping Mfg. Co., 494 Mulberry, Newark, N. J.
ACE automobile—Apex Motor Corp., Ypsilanti, Mich.
ACE BRAND dice, dominoes & poker chips—Ivoryloid Co., 200 5th av, New York
ACETIC suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ACHESON brass fittings—Acheson Mfg. Co., Rankin, Pa.
ACHESON dry battery fillers, lubricating oils & greases—Acheson Graphite Co., Niagara Falls, N. Y.
ACIMET acid valves—Cleveland Brass Mfg. Co., 4606 Hamilton, Cleveland, Ohio
ACIPRUF acid proof cements—Chemical Construction Co., Charlotte, N. C.
ACKLEY electric car brakes—National Brake Co., Buffalo, N. Y.
ACME adjustable expanding dies—American Tap & Die Co., Greenfield, Mass.
ACME air valves—James P. Marsh Co., 118 S Clinton, Chicago, Ill.
ACME aluminum solder—Universal Fluxine Co., Urbana, Ohio
ACME asbestos pipe coverings—Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
ACME asparagus bunchers—Johnson Mfg. Co., 314 Cherry, Phila., Pa.
ACME automobile jacks—Spencer's I. S. Sons (Inc.), Guilford, Conn.
ACME back water traps—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ACME battery switches—Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
ACME bed & furniture casters, can openers, etc.—Schatz Mfg. Co., Poughkeepsie, N. Y.
ACME belt fasteners—W. O. & M. W. Talcott, 91 Sabin, Providence, R. I.
ACME binder covers, cattle stanchions, corn binders, grass mowers, sickle grinders, etc.—Acme Harvestering Machine Co., Peoria, Ill.
ACME bleaching powder—B. T. Babbitt, Inc., 15 W 34th, New York
ACME boiler compounds—Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
ACME boiler compounds—Star Oil Co., 348 N Irving av, Chicago, Ill.
ACME boiler compounds—Warren & Bailey Co., 214 E 3rd, Los Angeles, Cal.
ACME bolts, scrapers, anchor, clevishes, drop forgings, yacht hooks, wheels, winches, calking chisels, boat cleats, shackles, links, etc.—Marine Hardware-Equipment Co., South Portland, Me.
ACME box straps, tin & lead seals, pail clasps, steel mats & stapling wire—Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
ACME brake slack adjusters & pipe clamps—Western Railway Equipment Co., Central National Bank bldg, St. Louis, Mo.
ACME buffing compositions—Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
ACME buffing motors, plate & cutlery polish—Dilg Mfg. & Trading Co., 27 E 125th, New York
ACME bulb gaskets—Gilbert & Co., Hyattsville, Md.
ACME calendar pads—Southgate Press, 87 Broad, Boston, Mass.
ACME can openers—Goodell Co., Antrim, N. H.
ACME catch basins, cesspools, coal hole covers & sewer inlets—Madison Foundry Co., Cleveland, O.
ACME cement wood fibre plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
Acme chain hoists—Franklin Moore Co., Winsted, Conn.
ACME chain links—Marine Hardware-Equipment Co., So. Portland, Me.
ACME clod crushers—Duane H. Nash, Millington, N. J.
ACME closet elbows, floor drains, grease traps—Compound Injector & Specialty Co., 419 N Laramie av, Chicago, Ill.
ACME closet seats—Wm. S. Emery, 118 E 28th, New York
ACME coal drills—Pettigrew Foundry Co., Harvey, Ill.
ACME coal tar products—Warren Bros. Co., 142 Berkeley, Boston, Mass.
ACME cobblers' outfits & shoe lasts & stands—Fate-Root-Heath Co., Plymouth, Ohio
ACME coffee roasters—Atsatt Bros., Mattapoisett, Mass.
ACME cold-saw cutting off machines, hand tapping machines—Hub Machine Welding & Contracting Co., 450 N 12th, Phila., Pa.
ACME cold water paints, asbestos pipe & boiler coverings—Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
ACME corkboard insulation cork washers, life preservers—Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
ACME corn hooks—American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
ACME cotton mops—Estes Mills, Fall Rover, Mass.
ACME cotton rope—Anniston Cordage Co., Anniston, Ala.
ACME cultivators—Fairbanks Co., Springfield, Ohio
ACME cutting lubricants—Swan & Finch, 165 Broadway, New York
ACME diaphragm pumps—W. & B. Douglas, Middletown, Conn.
ACME dinner pails—National Enameling & Stamping Co., 411 5th av, New York
ACME door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ACME dry batteries—Nungesser Carbon & Battery Works of Natl. Carbon Co., 1170 E 38th, Cleveland, Ohio
ACME duck decoys—Canvass Decoy Co., Union City, Tenn.
ACME engine & machine oilers—Wm. Vogel & Bros., 37 S 9th, Brooklyn, N. Y.
ACME expansion reamers—Schellenbach Hunt Tool Co., Murdock bldg, Cincinnati, O.
ACME farm wagons & auto truck trailers—Acme Wagon Co., Emigsville, Pa.
ACME fire box locomotive boilers—Titusville Iron Co., Titusville, Pa.
ACME fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
ACME floor scraping machines, floor surfacing machines & mitre gauges—Jos. Miotke, 144 Clinton, Milwaukee, Wis.
ACME fly traps—Reynolds Wire Co., Dixon, Ill.
ACME folding tables—Carron Co., Ludington, Mich.
ACME foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
ACME fry pans & clothes line pulleys—New York Stamping Co., N 11th, Brooklyn, N. Y.
ACME gasolene water heaters—Acme Specialty Mfg. Co., Toledo, Ohio
ACME grapple forks—J. E. Porter Co., Ottawa, Ill.
ACME grates—Acme Furnace Equipment Co., 39 Cortlandt, New York
ACME hack saw machines—West Haven Mfg. Co., West Haven, Conn.
ACME hammock—D. W. Shoyer & Co., 394 Broadway, New York
ACME hand corn planters—Potato Imple. Co., Traverse City, Mich.
ACME hand riveting machines—A. C. Williams Co., Ravenna, Ohio
ACME harness snaps—Frazer & Jones Co., Syracuse, N. Y.
ACME hose sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.
ACME hosiery knitting machines—Acme Knitting Machine & Needle Co., Franklin, N. H.
ACME ice cream freezers—Acme Freezer Co., 1626 Arch, Phila., Pa.
ACME improved plow coulters—Hartman Mfg. Co., Vincennes, Ind.

ACME instantaneous water heaters—Instantaneous Water Heating Co., Kalamazoo, Mich.
ACME jacks—Wm. E. Pratt Mfg. Co., 35 W Lake, Chicago, Ill.
ACME kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.
ACME lamp glass chimneys—Gill Bros. Co., Steubenville, Ohio
ACME liquid & paste polish—Acme Polish Co. (Ltd.), 71 12th, Pittsburgh, Pa.
ACME low water alarms—Chicago Engineer Supply Co., 68 W Lake, Chicago, Ill.
ACME lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
ACME lumber crayons—American Crayon Co., Sandusky, Ohio
ACME metal store fronts—Western Builders Supply Co., 135 2nd, San Francisco, Cal.
ACME metallic shingles—Messenger & Parks Mfg. Co., Aurora, Ill.
ACME neck yoke centers—Pioneer Pole & Shaft Co., Piqua, Ohio
ACME nestable culverts—Dominion Metal Product Co., Roanoke, Va.
ACME nestable culverts—Florida Metal Products Co., Jacksonville, Fla.
ACME oil cans—Dover Stamping & Mfg. Co., Cambridge, Mass.
ACME oil cup lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
ACME oil filters—Walter L. Flower Co., 307 S 8th, St. Louis, Mo.
ACME paper cutting machines—Child Acme Cutter & Press Co., 184 Summer, Boston, Mass.
ACME patent rat & mouse traps—Shann Mfg. Co., Middletown, N. Y.
ACME pierced wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
ACME pipe turnbuckles—Marine Hardware Equipment Co., S Portland, Me.
ACME plating barrels—Klauder-Weldon Dyeing Machine Co., Yardley, Pa.
ACME pliers & nippers—Higganum Hdw. Co., Higganum, Conn.
ACME polished steel shafting—Republic Iron & Steel Co., Youngstown, Ohio
ACME portable grain elevators—Fleming & Sons Mfg. Co., Huntville, Mo.
ACME potato diggers & planters—Potato Implement Co., Traverse City, Mich.
ACME pulverizers—Duane H. Nash, Millington, N. J.
ACME radiator shields—W. H. Johnson & Son Co., 330 E St. Joseph, Indianapolis, Ind.
ACME rail braces—Bethlehem Steel Co., South Bethlehem, Pa.
ACME rapping plates—H. W. Knight & Son, Seneca Falls, N. Y.
ACME reinforcing bar benders—Chicago Builders Specialties Co., Old Colony bldg, Chicago, Ill.
ACME removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.
ACME resistance wire—Alloy Metal Wire Co., 154 Nassau, New York
ACME roof flanges & flashings, pipe clamps & hangers —Acme Mfg. Co., Bangor, Me.
ACME row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
ACME rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.
ACME safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
ACME sash ribbon—Caldwell Mfg. Co., Rochester, N. Y.
ACME screw plates & stocks & dies—American Tap & Die Corp., Greenfield, Mass.
ACME sewer, tide & back water traps—Boston Brass Co., 135 Bacon, Waltham, Mass.
ACME shears & scissors—Acme Shear Co., Bridgeport, Conn.
ACME shoveling & end gate boards—Beggs Wagon Co., 1900 Guinotte av, Kansas City, Mo.
ACME shutter hinges, self oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
ACME soft center plow steel—Moline Plow Co., Moline, Ill.
ACME soil pipe testing plugs—Clark Bros., 1228 Locust, Phila., Pa.
ACME spray nozzle—Deming Co., Salem, Ohio
ACME steam & hot water heaters—Wm. Bartley & Sons, Bartley, N. J.
ACME step ladders—Rich Pump Co., South & Depot Cincinnati, O.
ACME tank heaters—Cedar Rapids Pump Co., Cedar Rapids, Ia.
ACME thread gauges—Brown & Sharpe Mfg. Co., Providence, R. I.
ACME ventilators—Acme Ventilator Corp., 399 Atlantic av, Boston, Mass.
ACME wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
ACME weather strips—Robbins Mfg. Co., 1815 N Central Park av, Chicago, Ill.
ACME windmill regulators—Walker Mfg. Co., Council Bluffs, Ia.
ACME wire baskets—Barbee Wire & Iron Wks., 111 W Washington, Dept. H, Chicago, Ill.
ACME wire poultry netting—Eureka Fence Mfg. Co., Richmond, Ind.
ACME wood garden hose reels—Cardington Cabinet Co., Cardington, Ohio
ACME woven wire brushes—Thompson-Bonney Co., 18 Henry, Brooklyn, N. Y.
ACME HANDY mitre gauges—Jos. Miotke, 259 Lake, Milwaukee, Wis.
ACME KING binder attachments—Acme Harvesting Machine Co., Peoria, Ill.
ACME QUALITY paint & varnish remover & floor wax polish—Acme White Lead & Color Wks., St. Aubin & M. C. R. R., Detroit, Mich.
ACMETYLE sanitary flooring—Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
ACORN babbitt metal—A. W. Cadman Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
ACORN belting—Graton & Knight Mfg. Co., Worcester, Mass.
ACORN calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
ACORN carbureters—Generator Valve Co., 47 Dinsmore pl, Brooklyn, N. Y.
ACORN carriage wheels—Crane & MacMahon, 10 Bridge, New York
ACORN die heads, spring dies—Greenfield Tap & Die Corp., Greenfield, Mass.
ACORN drill and tool steel—Federal Tool & Alloy Steel Corp., 233 Broadway, New York
ACORN oak flooring—Nashville Hardwood Flooring Co., Nashville, Tenn.
ACORN oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, O.
ACORN screen door hinges—Columbian Hardware Co., Cleveland, Ohio
ACORN stoves—Rathbone, Sard & Co., Albany, N. Y.
ACORN tire pump connections—Stevens & Co., 375 Broadway, New York.
ACORN ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.
ACORN water filters—T. Linke, 235 W 46th, New York
ACOUSTILE sound proof partition block — Mayer Acoustile Co., 1209 Arch, Phila., Pa.
ACSO magnet steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
ACTINOLITE roof compound—M. W. Powell Co., 140 S Dearborn, Chicago, Ill.
ACTIVE boiler graphite feeder—Lunkenheimer Co., Beekman & Daverley, Cincinnati, Ohio
ACTIVE oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
ADAMANT board & wall plaster, wall finish—U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.
ADAMANT brass & bronze castings—Cincinnati Aluminum Casting Co., Norwood, Cincinnati, Ohio
ADAMANT varnish—Mayer & Loewenstein, 164 Water, New York
ADAMANT window screen cloth—New Jersey Wire Cloth Co., Trenton, N. J.
ADAMANT NO. IXXX white trowel finish—U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.
ADAMANTEAN wood fillers—O'Brien Varnish Co., South Bend, Ind.
ADAMANTILE mosaic ceramic floor tile—National Mosaic Tile Co., Mobile, Ala.
ADAMANTINE dies & taps—American Tap & Die Co., Greenfield, Mass.
ADAMANTOSE drinking fountains—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
ADAMITE packing—Consolidated Packing & Supply, 21 Barclay, New York
ADAMITE steel rolls—Pittsburgh Iron & Steel Foundry Co., Oliver bldg., Pittsburgh, Pa.
ADAMITE dies—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
ADAMS paper bags—Adams Bag Co., 1900 Euclid av, Cleveland, Ohio
ADAMS bone mills—Wm. E. Pratt Mfg. Co., 35 W Lake, Chicago, Ill.
ADAMS corn huskers—Leo Rumley Tractor Co., La Porte, Ind.
ADAMS crayon & pencils—D. C. Adams Crayon Co., 121 Market, St. Louis, Mo.
ADAMS equalizers & neck yokes—E. B. Adams & Son, Racine, Wis.
ADAMS gas engines—Advance-Rumely, Co., La Porte, Ind.
ADAMS grate bar—Daugherty Foundry Co., Allentown, Pa.
ADAMS grate bar—Edw. Sellers, Lewisburg, Pa.
ADAMS sad iron heaters, stove casters, oval slide vises, damper clips & revolving chimney tops—Adams Co., Dubuque, Ia.
ADAMS seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
ADAMS snow shovels—B. W. Aldrich & Co., Wallingford, Vt.
ADAMSON rubber mill machinery—Adamson Machine Co., Akron, Ohio
ADAPTABLE incandescent lamp replacers—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
ADAPTER power sprayer—Deming Co., Salem, Ohio
ADAPTI junction & switch boxes, conduit fittings, outlet & porcelain bushings & steel pipe clamps—Adapti Mfg. Co., 919 West, Dept. H, Cleveland, Ohio.
ADDIE fuse testers—Electric Specialty Co., Cresco, Ia.
ADDIS style wood carving tools—Mack & Co., Rochester, N. Y.
ADDRESSERPRESS addressing & mailing machines—Elliott Co., Cambridge, Mass.
AD-EL-ITE enamels, single stains—Adams & Elting Co., 726 W Washington, Chicago, Ill.
ADEN grab buckets—Advance Engineering Co., Metta av, Cleveland, Ohio
ADELL automobile jacks—Adell Mfg. Co., Orange, Mass.
AD-EL-LAC wood stains—Adams & Eleting Co., 726 W Washington, Chicago, Ill.
ADIRONDACK row locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
ADJUSTAPHONE desk telephone brackets—Galesburg Writing Machine Co., Galesburg, Ill.
ADJUSTO pipe sleeves—Beaton & Corbin Mfg. Co., Southington, Conn.
ADJUSTOGLAS goggles—Strong, Kennard & Nutt Co., 2044 E 9th, Cleveland, Ohio
ADMIRAL boat anchors—Columbia Steel Co., San Francisco, Cal.
ADMIRAL cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.

ADMIRAL cultivators—J. I. Case Plow Wks., Racine, Wis.
ADMIRAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
ADMIRAL oil cup lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
ADMIRAL petroleum products—Admiral Petroleum Co., Bessemer bldg, Pittsburgh, Pa.
ADMIRAL rowboat motors—Affiliated Mfrs. Co., 114 Grand, Milwaukee, Wis.
ADMIRAL stockless anchors—Penn Seaboard Steel Corp., Franklin Bank bldg, Phila., Pa.
ADMIRALTY condenser tubing—American Brass Co., Waterbury, Conn.
ADPACO wood silos—Cowmatic Corp., Lynchburg, Va.
ADPASCO metallic packing—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
ADRIAN woven wire fences—Adrian Wire Fence Co., Adrian, Mich.
ADRIANCE binders, harvesters, mowers, sulky hay rakes, reapers—Moline Plow Co., Moline, Ill.
ADRO metal polish—Adro Co., 247 Pearl, New York
ADSCO gauges, pipe receivers, valves and water heaters—American District Steam Co., N Tonawanda, N. Y.
ADVANCE ensilage cutters, clod crushers, grain weighers, threshers, stockers, separators, corn huskers & compound & traction engines—Leo Rumley Tractor Co., La Porte, Ind.
ADVANCE automatic roller bearing sash operating device—Advance Co., Richmond, Va.
ADVANCE automobile & cushion springs—Jackson Cushion Spring Co., Jackson, Mich.
ADVANCE axle grease, belt dressing, etc.—American Oil Corp., Jackson, Mich.
ADVANCE babbitt metal—U. S. Reduction Co., E. Chicago, Ind.
ADVANCE bean & pea cleaners—J. E. Owens Co., Minneapolis, Minn.
ADVANCE bean & pea cleaners—C. O. Tinkhan, Akron, N. Y.
ADVANCE brushes—Manufacturers Brush Co., 1950 W 114, Cleveland, Ohio.
ADVANCE concrete mixers—Lansing Co., Lansing, Mich.
ADVANCE corn & cob mills—Marseilles Works of Deere & Co., East Moline, Ill.
ADVANCE cotton rope—Anniston Cordage Co., Anniston, Ala.
ADVANCE cupel machines, hydro-carbon burners, sample ore grinder—Calkins Co., Los Angeles, Cal.
ADVANCE currycombs—Wisconsin Metal Products Co., Racine, Wis.
ADVANCE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ADVANCE ensilage & fodder cutters—Doylestown Agricultural Co., Doylestown, Pa.
ADVANCE feed & hay carriers—Olson Mfg. Co., Albert Lea, Minn.
ADVANCE fertilizer distributors—Bateman Mfg. Co., Grenloch, N. J.
ADVANCE gas engines—Henry, Millard & Henry Co., York, Pa.
ADVANCE gasoline engines—Geo. D. Pohl Mfg. Co., Vernon, N. Y.
ADVANCE ground connection clamps—Geo. Heinemann & Co., 728 Girard av, Philadelphia, Pa.
ADVANCE hame tug plates—Frazer & Jones Co., Syracuse, N. Y.
ADVANCE hose—Empire Tire & Rubber Corp., Trenton, N. J.
ADVANCE lawn mowers—American Lawn Mower Co., Muncie, Ind.
ADVANCE loose leaf devices—Asa L. Shipman's Sons, 100 Chambers, New York
ADVANCE metal polish & glass tube gauge glasses, oil cup glasses—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
ADVANCE paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
ADVANCE pumps & pumping outfits—Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
ADVANCE pyrometers—Wilson-Maeulen Co., 511 E 145th, New York
ADVANCE resistance wire—Driver Harris Co., Harrison, N. J.
ADVANCE rubber stamps—Consolidated Stamp Mfg. Co., 87 Maiden La., New York
ADVANCE sash operating device—O. J. Dean & Co., Association bldg, Chicago, Ill.
ADVANCE smut treaters—Fosston-Carpenter Co., St. Paul, Minn.
ADVANE stapling machines—Saranac Machine Co., Benton Harbor, Mich.
ADVANCE traction engines—Advance-Rumely Co., La Porte, Ind.
ADVANCE water filters—T. Linke, 235 W 46th, New York
ADVANCE water filters—J. A. Zurn Mfg. Co., Dept. H, Erie, Pa.
ADVANCE woven wire fences—Advance Fence Co., Elgin, Ill.
AEOLUS tire air pumps—Bridgeport Brass Co., Dept. H, Bridgeport, Conn.
AERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.
AERMORE automobile horns—Fulton Co., 742 75th av, Milwaukee, Wis.
AERMOTOR gas engines, windmills—Aermotor Co., 2500 W 12th, Chicago, Ill.
AERO air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
AERO cable cars—Fairmont Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
AERO chucks—Hannifin Mfg. Co., 621 S Kolmar av, Chicago, Ill.
AERO lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
AERO lubricating oils & grease—Puritan Oil Co., 1244 W 70th, Cleveland, Ohio
AERO padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
AERO ACID substitute for cream tartar—Provident Chemical Wks., 8011 Idaho av, St. Louis, Mo.
AEROBOOST siplion ventilators—Paul R. Jordan & Co., 28 S Meridian, Indianapolis, Ind.
AEROLUX porch shades—Aeroshade Co., Waukesha, Wis.
AERON system air atomizer & brushes & paint spraying equipment—DeVilbiss Mfg. Co., Toledo, Ohio
AEROPLANE rotary ventilators—Paul R. Jordan & Co., 28 S Meridian, Indianapolis, Ind.
AEROPLANE shock absorbers—Goodyear Tire & Rubber Co., Akron, Ohio
AEROPULL storm band ventilators—Paul R. Jordan & Co., 28 S Meridian, Indianapolis, Ind.
AEROSPRA compressed air sprayer—Deming Co., Salem, Ohio
AETNA ball seat cocks—Nason Mfg. Co., 71 Fulton, New York
AETNA cement mfrs.—Aetna Portland Cement Co., Union Trust bldg, Detroit, Mich.
AETNA curling iron heaters—Nicol & Co., 218 N Jefferson, Chicago, Ill.
AETNA grate bars—Richard Thompson & Co., 126 Liberty, New York.
AETNA grate bars & shaking grates—Bruce-Macbeth Engine Co., Cleveland, Ohio
AETNA grate bars & shaking grates—Salamander Grate Bar Co., 126 Liberty, New York
AETNA lawn sprinklers, 566 W Lake, Chicago, Ill.
AETNA third rail insulators—Albert & J. M. Anderson Mfg. Co., 289 A, Boston, Mass.
AFRO-LAC floor finish & wood stains—W. P. Fuller & Co., 301 Mission, San Francisco, Cal.
AGASOTE fibre boards—Pantasote Co., 11 Broadway, New York
AGATE KOTE enamels—Armstrong Paint & Varnish Works, 2502 S Paulina, Chicago, Ill.
AGATEX concrete floor hardener—Truscon Laboratories, Caniffer G. T. R. R., Detroit, Mich.
AGATHON steel billets—Central Steel Co., Massillon, Ohio
AGATITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
AGILIS JR brass faucets—Crane Co., 836 S Michigan av, Chicago, Ill.
AGLITE lighting fixtures—Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
AGOS creamery testers—Vermont Farm Machine Co., Bellows Falls, Vt.
AGRIPPA chain pipe wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
AGRIPPA tool holders—J. H. Williams, 31 Richards, Brooklny, N. Y.
AGRIPPA "C" clamps—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
AGTON suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
AHRENS-FOX motor fire engines—Ahrens-Fox Fire Engine Co., Cincinnati, O.
AIKEN hollow handle tool & saw sets—Sargent & Co., New Haven, Conn.
AIKEN saw sets—P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.
AIKEN PATTERN saw sets—Bullock Mfg. Associates Springfield, Mass.
AIKEN PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
AIMCO wire & cable machinery—Am. Insulating Machinery Co., Fairhill & Huntington, Dept. H, Phila., Pa.
AINSLEE drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
AIR-ALARM fire alarms—Goldstein Engn'g Co., 45 Maiden la, New York
AIRDRY hand & face electric dryers & towels—Groton Electrical Devices, Inc., Groton, N. Y.
AIR KING padlock locks—Slaymaker Lock Co., Lancaster, Pa.
AIR-O-LITE portable table lamps—Coleman Lamp Co., 120 S Los Angeles, Cal.
AIR-O-LITE table lamp—Coleman Lamp Co., Wichita, Kans.
AIRTITE refrigerator & cooling rooms—National Refrigerators Co., 827 Koeln av, St. Louis, Mo.
AIR WAY PNUMODE vacuum cleaners—Air Way Co., 1501 W Bancroft, Toledo, O.
AJAX asbestos brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York
AJAX automobile trunks—Ajax Trunk & Sample Case Co., 150 W 18th, New York
AJAX babbitt metal, bearings, ingots, bushings, etc.—Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
AJAX battery motors & motor fans—Kendrick-Davis Co., Lebanon, N. H.
AJAX belt dressing—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
AJAX bow sockets, carriage joints & top irons—Brewer-Titchener Corp., Cortland, N. Y.
AJAX concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.
AJAX diaphragm pumps—W. & B. Douglas, Middletown, Conn.
AJAX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
AJAX drafting tables—Williams Brown & Earle, 916 Chestnut, Phila., Pa.
AJAX dredge chains—American Chain Co., Bridgeport, Conn.
AJAX expansion & toggle bolts—Chicago Nut Co., 2513 W 20th, Chicago, Ill.
AJAX fire brick—Chicago Retort & Fire Brick Co., Ottawa, Ill.
AJAX fire doors—The Kinnear Mfg. Co., Columbus, Ohio

AJAX fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
AJAX floor & ceiling plates—W. A. Russell & Co., 63 W 37th, New York
AJAX fly swatter—Lubbers & Bell Mfg. Co., Clinton, Ia.
AJAX fonudry blacking—J. S. McCormick Co., 26th & A. V. R. R., Pittsburgh, Pa.
AJAX galvanized iron range boilers—Walls, Owen & Stambach Co., Phila., Pa.
AJAX hickory handles—Hartwell Handle Co., Harvey, Ill.
AJAX hinged door hangers—Stowell Co., S. Milwaukee, Wis.
AJAX hot air furnaces—Co-Operative Foundry Co., Rochester, N. Y.
AJAX insulator pins & brackets—Diamond Expansion Bolt Co., 89 West, New York
AJAX lamp adapters—Central Telephone & Electric Co., 311 N 11th, St. Louis, Mo.
AJAX leather belting, belt cement, belt oil—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
AJAX letter drop plates & rust proof mail boxes—Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
AJAX liquid paste metal polish—Crowell Chemical Co., Beverly, Mass.
AJAX machinists' vises—Bonney Forge & Tool Wks., Allentown, Pa.
AJAX packing—Squires & Byrne Rubber Co., San Francisco, Cal.
AJAX paints & impregnating compounds—Sherwin-Williams Co., Cleveland, Ohio
AJAX pole clamps & tree & wall insulators—Line Material Co., South Milwaukee, Wis.
AJAX portable reinforcing bar benders—Steel & Iron Products Co., 1911 Emerson av, Chicago, Ill.
AJAX rocking grate bars & shaking grates—Valley Iron Works, Williamsport, Pa.
AJAX rubber bands—Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
AJAX rubber bottles—Tyer Rubber Co., Andover, Mass.
AJAX rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
AJAX rubber tires—Ajax-Grieb Rubber Co., Trenton, N. J.
AJAX shaking grates—Chas. Robson & Co., 8th & Washington av, Phila., Pa.
AJAX spring hinges—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
AJAX tinners' snips—Acme Shear Co., Bridgeport, Conn.
AJAX turbine water wheels—Salem Foundry & Machine Works, Salem, Va.
AJAX warm air furnaces—Co-operative Foundry Co., Rochester, N. Y.
AJAX wood boring machines—Ajax Mfg. Co., Pittsburgh, Pa.
AJAX wood saw rods—Sargent & Co., New Haven, Conn.
AJAX RUST PROOF mail boxes—Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
AJAX ARMATURE babbitt metal—Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
AJAX BULL babbitt metal—Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
AJAX COPPER HARDENED babbitt metal—Ajax Metal Co., 46 Richmond, Phila., Pa.
AJAX GENUINE babbitt metal—Ajax Metal Co., 46 Richmond, Phila., Pa.
AJAX MITIFINE babbitt metal—Ajax Metal Co., 46 Richmond, Phila., Pa.
AJAX PLUMBITE babbitt metal—Ajax Metal Co., 46 Richmond, Phila., Pa.
AJAX TINITE babbitt metal—Ajax Metal Co., 46 Richmond, Phila., Pa.
AJAX electric hand message vibrators—Schunck & Ogg, 235 Canal, New York
AKAR ignition apparatus, spark timers—Akar Ignition Co., 149 W Berkley, Phila., Pa.
AKBAR steel rolling doors & shutters—Kinnear Mfg. Co., 766 Field av, Columbus, O.
AKINS rail braces—Pettibone, Mulliken & Co., 140 S Dearborn, Chicago, Ill.
AKINS-ROTHWELL mining agitators—Colorado Iron Works Co., Denver, Colo.
AKRO-METAL gaskets—Akron Metallic Gasket Co., 142 N Union, Akron, Ohio
AKRON chilian mills—Wellman-Seaver-Morgan Co., Cleveland, Ohio
AKRON fertilizer distributors & garden cultivators—Akron Cultivator Co., Akron, Ohio
AKRON lead & copper gaskets, plain & corrugated—Akron Metallic Gasket Co., 142 N Union, Akron, Ohio
AKRON leather belting—Akron Belting Co., Akron, Ohio
AKRON-WILLIAMS hydraulic press, vulcanizer, tire factory equipment—Williams Foundry & Machine Co., Akron, O.
AKRONITE compressed asbestos gaskets—Akron Metallic Gasket Co., 142 N Union, Akron, Ohio
ALABAMA belting hose packing—Empire Tire & Rubber Corp., Trenton, N. J.
ALABAMA cement mfrs.—Southern Cement Co., Birmingham, Ala.
ALABAMA corrugated rim ventilators—Decatur Cornice & Roofing Co., New Decatur, Ala.
ALABAMA cotton rope—Anniston Cordage Co., Anniston, Ala.
ALABASTER cemcnt & wood fibre plaster, wall finish—United States Gypsum Co., 205 W Monroe, Chicago, Ill.
ALABASTINE wall finish—Alabastine Co., Grand Rapids, Mich.
ALADDIN aluminum hollow ware — Cleveland Metal Products Co., 7609 Platt av, Cleveland, Ohio.
ALADDIN metal polish—Hearsey, Willis Co., 408 N Capitol av, Indianapolis, Ind.
ALADDIN stoves—Burdett Smith & Co., Troy, N. Y.
ALADDIN thermos bottles—Aladdin Industries, Inc., 348 H Ashland, Chicago, Ill.
ALADIN electric gas lighters—Universal Novelty Works, 164 5th av, New York
ALASKA ice chippers & ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
ALASKAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
ALASKAN water coolers—A. C. Kraft, 323 W Lake, Chicago, Ill.
ALBA globes & shades—Macbeth-Evans Glass Co., Chamber of Commerce bldg, Pittsburgh, Pa.
ALBA cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
ALBA sash cords—Estes Mills, Fall River, Mass.
ALBA whiting—Industrial Chemical Co., 200 5th av, New York
ALBA-LUX white light wall covering—Patton Paint Co., Milwaukee, Wis.
ALBANO shoe dressing—Albano Mfg. Co., Trenton, N. J.
ALBANY concrete mixers—Albany Hardware Specialty Mfg. Co., Albany, Wis.
ALBANY felts & jackets—Albany Felt Co., 1333 H Broadway, Albany, N. Y.
ALBANY grate bars, anchors & smokeless furnaces—Thacher Propeller & Foundry Corp., Albany, N. Y.
ALBANY grease & cylinder oils—Adam Cook's Sons, 708 Washington, New York.
ALBANY paint & varnish remover—Albany Chemical Co., Albany, N. Y.
ALBANY tool steel—Ludlum Steel Co., Watervliet, N. Y.
ALBANY track jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
ALBEMARLE cotton rope—Anniston Cordage Co., Anniston, Ala.
ALBERGER feed water heaters—Alberger Heater Co., Buffalo, N. Y.
ALBERGER-CURTIS steam turbines—Alberger Pump & Condenser Co., 140 Cedar, New York
ALBERMARLE bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ALBERT battery motors—Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, Ohio
ALBION disc harrows—Gap Mfg. Co., Albion, Mich.
ALBION high speed steel—Hobson-Houghton & Co., 82 Beekman, New York
ALBION spring tooth harrows—Gales Mfg. Co., Albion, Mich.
ALBO shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
ALBRIGHT closet seats & plumbers wood work—Albright Mfg. Co., Rural Hall, N. C.
ALBRIGHT harness hooks, mane combs—Rubber & Celluloid Products Co., 56 Ferry, Newark, N. J.
ALBRO worm gears—Albro-Clem Elevator Co., D. & Erie, Phila., Pa.
ALBUS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ALCA lime—Woodville Lime Products Co., 622 Madison av, Toledo, Ohio
ALCAID oil—Texas Company, 17 Battery pl, New York
ALCO acetylene gas burners, lava insulators & gas burner tips—American Lava Corp., Chattanooga, Tenn.
ALCOVE drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
ALCOVE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ALCOVIE carriage top dressing—F. Matt & Co., 491 Washington, Newark, N. J.
ALDEN ring packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
ALDERMAN adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
ALDERNEY butter colors—Heller & Merz Co., 506 Hudson, New York
ALDINE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
ALDON car replacers, portable rail saws—Alden Co., 3338 W Ravenswood av, Chicago, Ill.
ALDRICH electric pumps—Aldrich Pump Co., Allentown, Pa.
ALDRICH tinware—Aldrich Mfg. Co., Buffalo, N. Y.
ALEMITE automobile lubricators—Bassick Mfg. Co., 361 W Superior, Chicago, Ill.
ALENCO leather belting, belt lacing, fire extinguisher, water hose, spiral packing—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ALEPH oil—Texas Company, 17 Battery pl, New York
ALERT chuck arbors—Alert Tool Co., 237 N 6th, Phila., Pa.
ALERT fire extinguishers & engines—Am. La France Fire Engine Co., Elmira, N. Y.
ALERT fire gasoline pumping engines—Am. La France Fire Engine Co., Elmira, N. Y.
ALERT safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ALERT watchman's portable clocks—Hardinge Bros., Inc., 4203 Ravenswood av, Chicago, Ill.
ALEXALL insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ALEXANDER gauge cocks & water gauges—Marion Machine, Foundry & Supply Co., Marion, Ind.
ALFORD vises—Millers Falls Co., 28 Warren, New York
ALGOL oil—Texas Company, 17 Battery pl, New York
ALGONKIN cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.

ALIPHA rubber tubing—Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
ALICE pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
ALITE stair nosing—Zenite Metal Co., Indianapolis, Ind.
ALKACENE waterproof portland cement—Zibell Damp Resisting Paint Co., 191 Culver av, Jersey City, N. J.
ALKALI PROOF WALL SIZE brick paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
ALLAN babbitt metal, bearings, engine pistons—A. Allan & Son, 6th & Bergen, Harrison, N. J.
ALL ANGLE scrubbing brushes—Milford Mfg. Co., Mansfield, Ohio
ALL DAY lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
ALL METAL scooter—Maine Machine Wks., 701 N Main, Los Angeles, Cal.
ALLEGHENY corrugated iron—Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
ALLEGHENY packing—Anchor Packing Co., Lafayette bldg, Phila., Pa.
ALLEN air hardening & high speed steel—Edgar Allen & Co., 718 W Lake, Chicago, Ill.
ALLEN base balls—National Base Ball Mfg. Co.
ALLEN clamps, spray nozzles—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ALLEN commutator compounds, soldering flux, paste, salts & sticks—L. B. Allen Co., 4519 N Lincoln, Chicago, Ill.
ALLEN drill machines—Chas. G. Allen Co., Barre, Mass.
ALLEN hose clamps—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ALLEN ice & refrigerating machines—H. B. Roelker, 41 Maiden Lane, New York
ALLEN lock nuts & washers—National Steel Products Co., Marquette bldg, Cleveland, Ohio
ALLEN machinists' rules—Lufkin Rule Co., Saginaw, Mich.
ALLEN safety set screws—Allen Mfg. Co., 133 Sheldon, Hartford, Conn.
ALLEN safety set screws—Republic Tool & Mfg. Co., 1401 W 9th, Cleveland, Ohio.
ALLEN sheep shearing machines—Oscar Goes & Co., 1823 W Lake, Chicago, Ill.
ALLEN spray nozzle—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ALLEN steam & hot water heaters—Wm. Allen & Sons Co., Worcester, Mass.
ALLEN tire covers & tire pressure gauges—Allen Auto Specialty Co., 16 W 61st, New York
ALLEN wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
ALLEN BOX TYPE box wrenches—Allen Wrench & Tool Co., 189 Public, Providence, R. I.
ALLEN-BRADLEY crane controllers, motor starters, switches—Allen-Bradley Co., 286 Greenfield av, Milwaukee, Wis.
ALLEN-RANDALL bolt clippers—H. K. Porter, Everett, Mass.
ALLEN RICHARDSON valves—H. G. Hammett, Troy, N. Y.
ALLEN UNIVERSAL socket wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
ALLEN'S galvanized steel hose clamp—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ALLEN'S metal polish—Western Robe Mills, 162 N Desplaines, Chicago, Ill.
ALLEN'S IMPERIAL high speed steel—Edgar Allen & Co., 718 W Lake, Chicago, Ill.
ALLENTOWN cement—Allentown Portland Cament Co., Allentown, Pa.
ALLIGATOR belt lacing—Flexible Steel Lacing Co., 522 S Clinton, Chicago, Ill.
ALLIGATOR check protectors—S. I. Atwater, 101 Lafayette, New York
ALLIGATOR heavy shears—A. Garrison Foundry Co., 901 Bingham, Pittsburgh, Pa.
ALLIGATOR mechanics' aprons—Alligator Oil Cloth-ing Co., Dept. H, Gravois & Bingham, St. Louis, Mo.
ALLIGATOR packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
ALLIGATOR waterproof belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
ALLIGATOR wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
ALL-IN-ONE door check & spring—Bayer Gardner-Himes Co., 101 Park av, New York
ALL-IN-ONE ground connection clamps—Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
ALLIS engines—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
ALLITH door hangers, fire door fittings, latches, carriers & auto fire locks—Allith-Prouty Co., Danville, Ill.
ALL-NITE-LITE transformers—General Electric Co., Schenectady, N. Y.
ALL PURPOSE traction engines—Advance-Rumely Co., La Porte, Ind.
ALLRIGHT fishing reels—General Phonograph Corp., 25 W 45th, New York
ALLSTEEL metallic bank fixtures—General Fireproofing Co., Youngstown, Ohio
ALL-STEEL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.
ALLSTON reverse trap with jet water closets—Central Metal & Supply Co., 611 E Lombard, Baltimore, Md.
ALL WHITE bath room fixtures—Bay Ridge Specialty Co., 5613 First av, Brooklyn, N. Y.
ALLWON buffer sets—U. S. Specialty Co., Middletown, Conn.
ALL WORK tractors—Electric Wheel Co., Station D, Quincy, Ill.

ALMETAL clothes washing machines—Almetal Mfg. Co., 7227 Manchester av, St. Louis, Mo.
ALMETAL fire, tin clad, sheet metal covered doors & shutters—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
ALMOND drill chucks, flexible metallic tubing, countershafts—T. R. Almond Mfg. Co., Ashburnham, Mass.
ALMOND FLEXO household lamps, desk lights—T. R. Almond Mfg. Co., Ashburnham, Mass.
ALOL carriage top dressing—Viscol Co., Cambridge, Mass.
ALOMO cotton planing drills—Racine-Sattley Co., Co., Springfield, Ill.
ALPHA automobile specialties, rubber specialties—Parker-Stearns & Co., 286 Sheffield, Brooklyn, N. Y.
ALPHA belting—American Belting Co.'s, Texas, Md.
ALPHA cement—Alpha Portland Cement Co., Easton, Pa.
ALPHA cement—Alpha Portland Cement Co., Alpha, N. J.
ALPHA conductors' whistles—Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
ALPHA cotton mops—Estes Mills, Fall River, Mass.
ALPHA cutting lubricants—Swan & Finch Co., 165 Broadway, New York
ALPHA force feed lubricators, hand pumps, oil pump lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ALPHA padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
ALPHA photographic paper—G. Cramer Dry Plate Co., Shenandoah & Lemp avs, St. Louis, Mo.
ALPINA ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.
ALPINE electric sad irons—H. J. Alperin Co., 720 Euclid av, Cleveland, Ohio
ALPINE feed cutters—Jos. Dick Mfg. Co., Canton, Ohio
ALPINE tooth picks—E. B. Estes & Sons, 364 5th av, New York
ALPINE wax oil furniture polish & dust absorbing floor oils, etc.—Samuel Lewis, 73 Barclay, New York
ALSEN cement—Alsen's American Portland Cement Works, 45 B'way, New York, & Alsen, N. Y.
AL SIO fire brick & cement—Chas. V. Hoffman Co., Inc., 95 Liberty, New York
ALSOP boll extractors—Alsop Process Co., St. Louis, Mo.
ALSTEEL nail hammers, bottom pin extractors, picks & tool kits—Boker Cutlery & Hardware Co., 101 Duane, New York
ALSTEEL tire saving automobile packs & waste baling presses—Alsteel Mfg. Co., Battle Creek, Mich.
ALSTON'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
ALSTON'S spring handle currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.
ALTAIR oil—Texas Company, 17 Battery pl, New York
ALTICK telephone cabinet work—C. H. Brownell, Peru, Ind.
ALTMAN desk pushers—Minerallac Electric Co., 1045 Washington blvd., Dept. H, Chicago, Ill.
ALTARIA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
ALUMINA-Soapalite soap powders—Electric Smelting & Aluminum Co., Lockport, N. Y.
ALUMINITE firebrick—Stowe-Fuller Co., Kirby bldg., Cleveland, Ohio.
ALUMINO & ELECTRIC oil stoves & heaters—Novelty Mfg. Co., Jackson, Mich.
ALUMINUM clock mfrs.—Aluminum Container Corp., Fulton, N. Y.
ALUMINUM paint—Berry Bros., Detroit, Mich.
ALUSTRIUM enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
ALUVIA fertilizer—Fertile Chemical Co., E 4th & Prospect, Cleveland, Ohio
ALVORD shears & scissors—Atlas Shear Co., Bridgeport, Conn.
ALWAYS cold valve handles—H. A. Matthews Mfg. Co., Seymour, Conn.
ALWAYS-READY overhead washers & fire extinguishers—Gaylord Sanitary Mfg. Co., El Dorado, Kan.
ALWAYS READY pipe wrenches—Bonney Forge & Tool Wks., Allentown, Pa.
ALWAYS READY wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
ALWAYS RELIABLE alcohol torches—gasoline & kerosene, gasoline blast furnaces—Otto Bernz, 17-37 Ashland, Newark, N. J.
ALWITE white metal alloy—Silvel Metal Mfg. Co., 21 E 40th, New York
AMALCO paints—Amalgamated Paint Co., Pier 11, North River, New York
AMALGAMATED paints—Amalgamated Paint Co., Pier 11, North River, New York
AMALIE belt dressing, greases, oils, paints—L. Sonneborn Sons, 262 Pearl, New York
AMANCO concrete mixers, clothes washing machines, corn & cob mills, gasoline engines, pumping jacks—Associated Mfrs. Co., Waterloo, Ia.
AMATEUR fishing reels—General Phonograph Corp., 25 W 45th, New York
AMATITE ready roofing—Barrett Co., 17 Battery pl, New York
AMAX mineral rubber—American Wax Co., 10 High, Boston, Mass.
AMAZON belting, hose & packing—Empire Tire & Rubber Corp., Trenton, N. J.
AMAZON cotton hose—Mechanical Rubber Co., 73 Reade, New York
AMAZON fire hose—O. C. Keckley Co., 318 H Washington av, Chicago, Ill.

AMAZON rubber roofing—Barrett Co., 17 Battery pl, New York
AMBCO bronze metal bearings—American Manganese Bronze Co., Rhawn & Hegerman, Phila., Pa.
AMBER incandescent gas mantles—Welsbach Co., Gloucester City, N. J.
AMBERZO vegetable oil soap—Columbia Refining Co., 90 West, New York
AMBESCO brake lining & packing—American Asbestos Co., Norristown, Pa.
AMBEST metallic packing—Eureka Packing Co., 76 Murray, New York
AMBROSE piston packing—Ambrose Mach. Co., 254 Eagle, Brooklyn, N. Y.
AMERICA alarm clocks—Western Clock Co., La Salle, Ill.
AMERICA ensilage cutters—Wilder-Strong Implement Co., Monroe, Mich.
AMERICA sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
AMERICA telephone switchboards—American Electric Co., 6401 State, Chicago, Ill.
AMERICA water closets tanks—Blairville Enameled Ware Co., Blairsville, Pa.
AMERICAN acid hose—American Metal Hose Co., Waterbury, Conn.
AMERICAN adding machines—American Can Co., 120 Broadway, New York
AMERICAN air operated chucks, milling mach. vises —Am. Pneumatic Chuck Co., 9 S Clinton, Chicago, Ill.
AMERICAN air valves, steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York
AMERICAN apron bead—Sharon Steel Hoop Co., Sharon, Pa.
AMERICAN asphalt & revolving screen rock crushers —Am. Pulverizer Co., 1729 H Austin, St. Louis, Mo.
AMERICAN automatic oil filters—Spaulding & Metcalf, 532 H Arch, Phila., Pa.
AMERICAN balanced locomotive & piston valves—C. C. Young, Dept. H, Jersey Shore, Pa.
AMERICAN bath cocks & traps—American Sanitary Mfg. Co., Abingdon, Ill.
AMERICAN belt cements—Hudson Belting Co., 8 Eaton pl, Worcester, Mass.
AMERICAN belt dressing—American Steam Packing Co., 165 High, Boston, Mass.
AMERICAN belting—American Belting Co.'s, Texas, Md.
AMERICAN belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
AMERICAN bilge pumps—American Cement Machine Co., Keokuk, Ia.
AMERICAN bow separators—Chas. Weiss & Son, 4715 Cottage Grove av, Chicago, Ill.
AMERICAN brass balls & ball thrust bearings—American Ball Co., 115 Clifford, Providence, R. I.
AMERICAN bread mixers—Roseland Can & Specialty Co., Rockford, Ill.
AMERICAN bread & pastry boards—Imperial Mfg. Co., Cambridge, Ohio
AMERICAN burial cases—Mead-Suydam Co., Park av & N 13th, Newark, N. J.
AMERICAN can openers—N. R. Streeter & Co., Rochester, N. Y.
AMERICAN carbon paper—H. M. Storms Co., 11 Vandewater, New York
AMERICAN carpet nails—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
AMERICAN carriage top dressing—Weiss Polish Works, 216 S Winchester av, Chicago, Ill.
AMERICAN cement roofing tile—Am. Cement Tile Mfg. Co., Oliver bldg, Pittsburgh, Pa.
AMERICAN centrifugal pumps—American Well Wks., The, 112 Broadway, New York
AMERICAN clay machinery—American Clay Machinery Co., Bucyrus, Ohio
AMERICAN closet elbows & legs—American Sanitary Mfg. Co., Abingdon, Ill.
AMERICAN clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
AMERICAN coil switches & induction coils—American Coil Co., Foxboro, Mass.
AMERICAN concrete forms—American Metal Form Co., 343 S Dearborn, Chicago, Ill.
AMERICAN concrete reinforcing materials—Am. System of Reinforcing, 10 S La Salle, Chicago, Ill.
AMERICAN contractors' plow & road scrapers—American Steel Scraper Co., Sidney, Ohio
AMERICAN cordage & manila rope—St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
AMERICAN cordage & twine—Am. Mills Co., Atlanta, Ga.
AMERICAN corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
AMERICAN corn cob & feed grinding mills—Appleton Mfg. Co., Batavia, Ill.
AMERICAN corner beads—Youngstown Pressed Steel Co., Warren, Ohio
AMERICAN crayons—American Crayon Co., Sandusky, Ohio
AMERICAN currant & raisin cleaners, cream & milk, dispensers & vegetable parers—Am. Machinery Co., 330 N 12th, Dept. H, Phila., Pa.
AMERICAN cushion packing—National Mfg. & Engineering Co., 1539 Race, Phila., Pa.
AMERICAN disc meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
AMERICAN dormant scales—American Scale Co., Kansas City, Mo.
AMERICAN drafting tables, blue print filing cabinets, parallel rulers or automatic T squares, drafting room equipment—American Drafting Furniture Co., 129 Mill, Rochester, N. Y.
AMERICAN drill grinders—La Salle Machine Tool Co., La Salle, Ill.
AMERICAN dry batteries—American Carbon & Battery Works of National Carbon Co., Inc., East St. Louis, Ill.
AMERICAN dry earth closets—American Warming & Ventilating Co., Elmira, N. Y.
AMERICAN electric heaters—American Electrical Heater Co., Burroughs & Woodward, Detroit, Mich.
AMERICAN electric vacuum cleaners, sweepers & clothes washing machines—Wise McClung Mfg. Co., New Phila., Ohio
AMERICAN electric washing machines—Horton Mfg. Co., Fort Wayne, Ind.
AMERICAN electrolytic rectifiers, storage batteries & lighting plants—Am. Battery Co., 1134 Fulton, Chicago, Ill.
AMERICAN elevators—American Elevator & Machine Co., Louisville, Ky.
AMERICAN emery wheel dressers—William Williams, Jr., New Britain, Conn.
AMERICAN emery wheel dressers—Browne & Dowd Mfg. Co., Meriden, Conn.
AMERICAN enameled steel conduits—American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
AMERICAN farm gates—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
AMERICAN feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.
AMERICAN feed water filter & purifiers—American Water Softener Co., 10th & Chestnut, Phila., Pa.
AMERICAN files—Nicholson File Co., Providence, R. I.
AMERICAN fire pots—American Brass & Copper Co., 138 Lafayette, New York
AMERICAN flexible metallic hose & tubing—American Metal Hose Co., Waterbury, Conn.
AMERICAN floor thimbles—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
AMERICAN flue cutters—F. D. Redington Co., 112 S Sangamon, Chicago, Ill.
AMERICAN fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
AMERICAN food choppers—American Cutlery Co., 764 Mather, Chicago, Ill.
AMERICAN fruit evaporators—Edw. B. Fahrney, Waynesboro, Pa.
AMERICAN gang saw edgers, saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
AMERICAN garden barrows—Puffer-Hubbard Mfg. Co., 32nd av & S 26th, Minneapolis, Minn.
AMERICAN gasoline blow torches—Henry W. Peabody & Co., 17 State, New York
AMERICAN gauge cocks, globe valves & feed water filters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.
AMERICAN grease—O. F. Zurn Co., Broadway & Lehigh av, Phila., Pa.
AMERICAN green granite—Chas. Clements, Boston, Mass.
AMERICAN ground connection clamps—American Metal Works, Stenton & Rockland, Phila., Pa.
AMERICAN gut strings—American Gut String Mfg. Co., 5415 S Ashland av, Chicago, Ill.
AMERICAN horse nails—Ausable Horse Nail Co., Keeseville, N. Y.
AMERICAN hose—American Metal Hose Co., Waterbury, Conn.
AMERICAN hospital stretchers—James H. Channon Mfg. Co., 227 W Erie, Chicago, Ill.
AMERICAN hot air clothes dryers—Domestic Laundry Equipment Corp., 224 W 26th, New York
AMERICAN hydrants—H. F. Neumeyer & Son, Macungie, Pa.
AMERICAN incandescent electric lamps—American Lamp Works of G. E. Co., Central Falls, R. I.
AMERICAN incandescent gas mantels—American Gas Machine Co., Inc., 78 Reade, New York.
AMERICAN lap welded, steel pipe—American Spiral Pipe Wks., Chicago, Ill.
AMERICAN lath mills & bolters, log hauls, log turners, lumber trimmers—American Sawmill Machinery Co., Hackettstown, N. J.
AMERICAN lawn dryers—A. E. Olmstead, Orwell, N. Y.
AMERICAN leather link belting mfrs.—Chas. A. Schieren & Co., 30 Ferry, New York
AMERICAN levels—Edward Helb, Railroad, Pa.
AMERICAN limestone—Tompkins Kiel Marble Co., 505 5th av, New York
AMERICAN liquid polish—Harvey Chemical Co., Lafayette, Ind.
AMERICAN log loaders, railroad ditching machines —American Hoists & Derrick Co., St. Paul, Minn.
AMERICAN logging tools—American Logging Tool Co., Evart, Mich.
AMERICAN loose pulley oilers—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
AMERICAN lubricating oils & greases—Wm. P. Miller Co., 2316 S Wabash av, Chicago, Ill.
AMERICAN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
AMERICAN marine paints—Gardiner Paint Co., 258 Broadway, New York
AMERICAN massage vibrators—Southern Electric Co., 1100 Pine, St. Louis, Mo.
AMERICAN meat slicers—Am. Slicing Machine Co., 209 S State, Chicago, Ill.
AMERICAN metal lath—Penn Metal Co., 65 Franklin, Boston, Mass.
AMERICAN milling machines—American Milling Machine Co., Cincinnati, Ohio
AMERICAN oak flooring—American Column & Lumber Co., St. Albans, W. Va.
AMERICAN oil cabinets & gasoline filters—American Oil Pump & Tank Co., Findlay & Dalton, Cincinnati, Ohio

AMERICAN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
AMERICAN oil transformers—American Transformer Co., 178-182 Emmet, Newark, N. J.
AMERICAN packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
AMERICAN paper folding machines—American Folding Machine Co., Warren, Ohio
AMERICAN pedometers—American Pedometer Co., New Haven, Conn.
AMERICAN pioneer pressed steel shaft hangers—Standard Pressed Steel Co., 20th & Indiana, Phila., Pa.
AMERICAN piston rings—American Piston Ring Co. 704 S 11th, Newark, N. J.
AMERICAN plaster boards—American Cement Plaster Co., Lawrence, Kans.
AMERICAN pneumatic signal—American Safety Lamp & Mine Supply Co., Scranton, Pa.
AMERICAN pneumatic yoke riveters—Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
AMERICAN pole steps—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
AMERICAN portable grain elevators—King & Hamilton Co., Ottawa, Ill.
AMERICAN radiators—American Radiator Co., 820 S Michigan av, Chicago, Ill.
AMERICAN rail loaders—United Supply & Mfg. Co., 332 S Michigan, Chicago, Ill.
AMERICAN railroad paper—Wm. Mann Co., 529 Market, Phila., Pa.
AMERICAN rope—American Mfg. Co., West & Noble, Brooklyn, N. Y.
AMERICAN sash pulleys—Grant Pulley & Hardware Co., 101 Park av, New York
AMERICAN Scales—Beekman Bros., Des Moines, Ia.
AMERICAN screen door catches—Burgess & Norton Mfg. Co., Geneva, Ill.
AMERICAN self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
AMERICAN sickle edge knives—Ney Mfg. Co., Canton, Ohio
AMERICAN speedometers—American Ever Ready Works, Thompson av, Long Island City, N. Y.
AMERICAN spelter—American Zinc, Lead & Smelting Co., 120 Broadway, New York
AMERICAN stay bolts—American Flexible Bolt Co., Union Bank bldg, Pittsburgh, Pa.
AMERICAN steam traps—American District Steam Co., North Tonawanda, N. Y.
AMERICAN steel bins—American Culvert Co., Albert Lea, Minn.
AMERICAN steel factory truck—St. Louis Truck & Mfg. Co., 3200 H N Hall, St. Louis, Mo.
AMERICAN steel pulleys—American Pulley Co., 115 S Clinton, Chicago, Ill.
AMERICAN steel split pulleys—American Machy. Co., 103 W Water, Milwaukee, Wis.
AMERICAN steel wool & shavings & abrasives—Am. Steel Wool Mfg. Co., 451 Greenwich, New York
AMERICAN stock tank heaters—American Gas Machine Co., Inc., 78 Reade, New York.
AMERICAN stove pipe dampers—Griswold Mfg. Co., Erie, Pa.
AMERICAN telephones & apparatus—American Electric Co., 6401 S State, Chicago, Ill.
AMERICAN testing meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.
AMERICAN tire & axle shrinkers—Champion Blower & Forge Co., Lancaster, Pa.
AMERICAN titelock metal shingles—Milwaukee Corrugating Co., Milwaukee, Wis.
AMERICAN tobacco cutters & shavers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
AMERICAN track switches—United States Electric Signal Co., West Newton, Mass.
AMERICAN typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
AMERICAN UNDERWRITERS hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
AMERICAN unions—Henry B. Pancoast Co., 950 N Front, Phila., Pa.
AMERICAN valve discs—National Mfg. & Engineering Co., 1537 Race, Phila., Pa.
AMERICAN water meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.
AMERICAN water motors—American Water Motor Co., Columbus, Ohio
AMERICAN weldless sash chains—American Chain Co., Inc., Bridgeport, Conn.
AMERICAN wire lock washers—Hobbs Mfg. Co., Worcester, Mass.
AMERICAN wrought steel pulleys—Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, Ohio
AMERICAN ACE pocket knives—N. J. Cutlery Co., 19th av & 16th, Newark, N. J.
AMERICAN AMSTER planimeters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN ARKLITE gasoline circus lamp—American Gas Machine Co., Inc., 78 Reade, New York.
AMERICAN AUTOMATIC dormant scales—American Automatic Co., 448 Huffman av, Dayton, Ohio
AMERICAN BALL automatic marine steam engine—Bound Brook Engine & Mfg. Co., 1425 Chestnut, Philadelphia, Pa.
AMERICAN BEAUTY electric sad irons & grilles—American Electric Heater Co., Burroughs & Woodward, Detroit, Mich.
AMERICAN BEAUTY gas stoves & radiators—American Beauty Stove Co., Erie, Pa.
AMERICAN BEAUTY table lamps—American Gas Machine Co., Inc., 78 Reade, New York.
AMERICAN BEAUTY wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
AMERICAN BOND automatic scales—American Machinery Co., 330 N 12th, Phila., Pa.

AMERICAN CROSSLEY gas engines—Worthington Pump & Machy. Corp., 115 Broadway, New York
AMERICAN FLUX brazing flux for metals—American Alloys Co., American bldg., Baltimore, Md.
AMERICAN GRIP comealongs—Mathias Klein & Sons, 3200 Belmore av, Chicago, Ill.
AMERICAN IDEAL float valves & steam traps—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN INGOT IRON billets, conductor pipe, iron roofing & road culverts—Am. Rolling Mill Co., Middletown, Ohio
AMERICAN KING hammer handles—American Handle Co., Jonesboro, Ark.
AMERICAN KITCHEN FRIEND kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
AMERICAN QUEEN electric sadirons—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
AMERICAN SEAL paints, cements, polishes & putty—Wm. Connors Paint Mfg. Co., Troy, N. Y.
AMERICAN STANDARD feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.
AMERICAN SWEDO low phosphorus melting bars—Samuel Frank, Harrison bldg, Phila., Pa.
AMERICAN THOMPSON IMPROVED gas indicators—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN TWIN ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
AMERICAN UNIVERSAL governors, pump & pressure regulators—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN WADSWORTH sand blast machine—Rich Fdry. Equipt. Co., 2935 W 47th, Dept. H, Chicago, Ill.
AMERICANAX axes—American Axe & Tool Co., Glassport, Pa.
AMERICORE rubber covered wire—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
AMERITE rubber covered wire—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
AMES bench lathes, milling machines, drilling machines, chucks, dial gauges—B. C. Ames Co., North Station, Waltham, Mass.
AMES hollow augers—Jas. Swan Co., Seymour, Conn.
AMES locomotive sanders—American Safety Lamp & Mine Supply Co., Scranton, Pa.
AMES truck units—Ames Motor Car Co., Owensboro, Ky.
AMES ALLOY metallic sheet packing—U. S. Indestructible Gasket Co., Church & Fulton, New York
AMES UNA-FLOW steam engines, Ames Iron Wks., Oswego, N. Y.
AMESBURY trolley wheels—Stuart, Howland Co., 234 Congress, Boston, Mass.
AMHERST gas stoves, ranges & hot air furnaces—Buffalo Co-Operative Stove Co., Buffalo, N. Y.
AMICABLE marble—Georgia Marble Co., Tate, Ga.
AMICO kitchen utensils—Ammidon & Co., 31 S Frederick, Baltimore, Md.
AMICSITE asphaltic concrete road compounds—Amies Road Co., Easton, Pa.
AMILSCO cordage & twine—American Mills Co., Atlanta, Ga.
AM McINNESS marine paints—Gardiner Paint Co., 258 Broadway, New York
AMMONIA packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
AMOILCO belt dressing & lubricating oils & greases—American Oil Corp., Jackson, Mich.
AMPECO automobile pistons—Am. Machine Products Co., Dept. H, Marshalltown, Iowa.
AMPERE canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
AMPHI automobile tire trunks—Welch & Suthergreen Co., Fitchburg, Mass.
AMPINCO lock-nuts & washers, plumbers' specialties, safety pins—American Pin Co., Waterbury, Conn.
AMRAD wireless telegraph apparatus—American Radio & Research Corp., 21 Park row, New York.
AMPRO electric bells—Keil, Francis & Son, 401 E 163d, New York
AMS can making, sheet metal working machinery & presses—Ams Max Machine Co., 101 Park av, New York
AMSABOCA autographic registers—American Sales Book Co., Ltd., Elmira, N. Y.
AMSCO buckets, chains, castings, grinding rolls, mining screens, car wheels, two part teeth, etc.—American Manganese Steel Co., 14th & State, Dept. H, Chicago Heights, Ill.
AMSLER gas producers & reversing valves—Amsler Morton Co., Dept. H, Hoboken, Pa.
ANACONDA lawn sprinklers—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ANAGLYPTA-IE—substitute for plaster ornamental ceilings—W. H. S. Lloyd Co., 105 W 40th, New York
ANCHOR asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
ANCHOR auto truck trailers—Anchor Top & Body Co., C. H. & D. Ry., nr Gest, Cincinnati, O.
ANCHOR belt lacing—Kayser Tanning Co., 3914 N. Broadway, St. Louis, Mo.
ANCHOR bolting cloth—R. L. Latimer & Co., 24 N Front, Phila, Pa.
ANCHOR carbon black—L. Martin Co., 81 Fulton, New York
ANCHOR carriage axles, spring—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
ANCHOR curtain rods—Jamestown Curtain Rod Co., Jamestown, N. Y.
ANCHOR cutting & drilling compounds, lubricating oils & greases, metal polish—Anchor Oil & Chemical Co., Cleveland, Ohio
ANCHOR door bells—Bradley & Farnham, Middlefield, Conn.
ANCHOR dry colors & fillers—C. K. Williams & Co., Easton, Pa.

ANCHOR gas ranges & heaters—Anchor Stove & Range Co., New Albany, Ind.
ANCHOR glass bottles & jars—Norfolk Glass Mfg. Co., Norfolk, Va.
ANCHOR gummed tape—Metal Specialties Mfg. Co., 338 N Kenzie av, Chicago, Ill.
ANCHOR hatchets, adze & boys' broad & hunters axes—Fayette R. Plumb, Inc., Tucker & James, Frankford, Phila., Pa.
ANCHOR hoisting engines—Superior Iron Works Co., Superior, Wis.
ANCHOR insecticides—Leggett & Bro., 301 Pearl, New York
ANCHOR linoleum—Germania Importing Co., 41 Union sq., New York
ANCHOR linseed oil & cake—Ankeney Linseed Oil Mfg. Co., Des Moines, Ia.
ANCHOR metal polish—Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
ANCHOR paint—Irvin Jewell & Vinson Co., Dayton, Ohio
ANCHOR picture hooks—Buffalo-Dehn Co., 70 W. Chippewa, Buffalo, N. Y.
ANCHOR printing inks—Jaenecke-Ault Co., Newark, N. J.
ANCHOR rubber cements—National Rubber & Specialties Co., Cincinnati, Ohio
ANCHOR rubber hose—National India Rubber Co., Bristol, R. I.
ANCHOR rubber tile—Mercer Rubber Co., Trenton, N. J.
ANCHOR hardware, saddlery & wire buckles—North & Judd Mfg. Co., New Britain, Conn.
ANCHOR safety bond & ticket papers—Geo. La Monte & Son, 61 Broadway, New York.
ANCHOR safety fuse—du Pont (E. I.) de Nemours & Co., Wilmington, Del.
ANCHOR sap sprouts—Franklinville Canning Co., Franklinville, N. Y.
ANCHOR sealing machines—Metal Specialties Mfg. Co., 338 N Kenzie av, Chicago, Ill.
ANCHOR seals—Keystone Seal & Press Co., 30 Main, Brooklyn, N. Y.
ANCHOR sink brushes—Philip Fogerty & Co., 49 Wyona, Brooklyn, N. Y.
ANCHOR skylights—E. Van Noorden & Co., 100 Magazine, Boston, Mass.
ANCHOR soldering flux—Garden City Laboratory, 2455 Archer av, Chicago, Ill.
ANCHOR spark plugs—Szel Import & Export Co., 359 Broadway, New York
ANCHOR steel barrels, tanks, ventilators—Meurer Steel Barrel Co., Inc., 23 W 43d, New York, N. Y.
ANCHOR ventilator—Geo. C. Meurer Co., 22 Clay, Brooklyn, N. Y.
ANCHOR welding compounds—Cortland Specialty Co., Cortland, N. Y.
ANCHOR BRAND bridle bits, buckles, breast chains, breeching & hame clips, cockeyes, carriage fasteners, books, loops, pad screws, rests, rings, rosettes, scrapers, screws, slides, snaps, spurs, swivels, terrets, toggles & trimmings—hardware—North & Judd Mfg. Co., New Britain, Conn.
ANCHOR BRAND clothes wringers—Lovell Mfg. Co., Erie, Pa.
ANCHOR BRAND colors, ochres, oxide of iron, powdered asbestos, terra alba & Venetian red—C. K. Williams & Co., Easton, Pa.
ANCHOR BRAND pails, dry measures, wood tubs—Richmond Cedar Works, Fulton, Richmond, Va.
ANCHOR POST fences, gates & posts—Anchor Post Iron Co., 50 Church, New York.
ANCHORED soap—Anchor Core Economy Soap Co., 136 W Lake, Chicago, Ill.
ANDERSON air and steam traps, fertilizer expellers, fitters, dryers, oil presses, separators—V. D. Anderson Co., W 96th, Cleveland, Ohio
ANDERSON automatic adjusters—Hegeman-Castle Corp., Fisher bldg., Chicago, Ill.
ANDERSON automatic adjusters—Holden & White, 343 H S Dearborn, Chicago, Ill.
ANDERSON boiler stop valves, pressure reducing valves, plug cocks—Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
ANDERSON draft gear—Waugh Draft Gear Co., People's Gas bldg, Chicago, Ill.
ANDERSON drop forgings—Anderson Forge & Machine Co., Detroit, Mich.
ANDERSON emery, wet & wood working tool grinders—Worcester Pattern & Model Co., Worcester Mass.
ANDERSON floor scraping machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
ANDERSON gasoline engines—Dice Machine Co., Anderson, Ind.
ANDERSON hose couplings, hose nozzles—G. A. Anderson Mfg. Co., Bush & Russell, Baltimore, Md.
ANDERSON lightning rods—Anderson Mfg. Co., Des Moines, Ia.
ANDERSON milling cutters, die forming, muzzling & tapping machines—Anderson Die Machine Co., 544 Iranistan av, Bridgeport, Conn.
ANDERSON oil engines—Anderson Foundry & Machine Wks., Anderson, Ind.
ANDERSON pipe couplings—Chapman Valve Mfg. Co., Indian Orchard, Mass.
ANDERSON self-adjusting wall, ceiling, bench, floor & electric lamp holders & electric fixtures—Localized Lighting Corp., 540 H W 58th, New York.
ANDERSON steam traps—Standard Steam Specialty Co., 542 W Broadway, New York
ANDERSON switch stands—American Valve & Meter Co., Cincinnati, Ohio
ANDERSON time switches & battery charging plugs—Albert & J. M. Anderson Mfg. Co., 289 A, Boston, Mass.
ANDERSON traveling cranes—Lane Mfg. Co., Montpelier, Vt.
ANDERSON water heaters—Anderson-McCutcheon Co., Peekskill, N. Y.
ANDERSON worm gear rings—Anderson Rolled Gear Co., Berea rd & L. S. & M. S. Ry., Cleveland, Ohio
ANDERSON LEADER wagon skeins—American Skein & Foundry Co., Racine, Wis.
ANDES stoves—Phillips & Clark Stove Co., Geneva, N. Y.
ANDREWS hot air furnaces, steam & hot water heaters, safety valves, thermostats, sewage disposal plants, etc.—Andrews Heating Co., 2529 University av S E, Minneapolis, Minn.
ANDREWS meter boxes—Modern Iron Works, Quincy, Ill.
ANDROCK can openers, flue stops, garment hangers, toasters—Andrews Wire & Iron Works, Rockford, Ill.
ANDRUS dry brick press machines—Industrial Supply Co., Koekuk, Ia.
ANELEC products—Anniston Electric Steel Corp., Dept. H, Anniston, Ala.
ANGELL elevator safety devices—Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.
ANGER'S PERFECT cake fillers—Sargent & Co., New Haven, Conn.
ANGLE fire hose racks—Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.
ANGLE ice cream freezers—Angle Mfg. Co., 110 W 40th, New York
ANGLE wind shields—H. J. Russell, Worcester, Mass.
ANGLEROD brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
ANGLE STEM foundry chaplets—Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.
ANGLO-AMERICAN enamels—Hegeman-Castle Corp., Fisher bldg., Chicago, Ill.
ANGLO-AMERICAN enamels—Holden & White, 343 S Dearborn, Chicago, Ill.
ANGOLA fruit evaporator—Geo. L. Squier Mfg. Co., Broadway & Mortimer, Dept. H, Buffalo, N. Y.
ANHYDROUS waterproof belting—Chas. L. Ireson, 221 High, Boston, Mass.
ANIMALOIL belt dressing—Animal Oil Co., Ontario, nr. Delaware river, Phila., Pa.
ANKORITE gaskets, packing, pump valves & valve disc—Anchor Packing Co., Lafayette bldg, Philadelphia, Pa.
ANKYRA anchor expansion & toggle bolts—Ankyra Mfg. Co., Wayne Jct., Phila., Pa.
ANN ARBOR baling presses & fodder cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
ANNEX lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
ANNISTON cotton rope—Anniston Cordage Co., Anniston, Ala.
ANNISTON HYATT mine & ore cars—Anniston Electric Steel Corp., Dept. H, Anniston, Ala.
ANNUNCIPHONE telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.
ANOSKY adze—Am. Axe & Tool Co., Glassport, Pa.
ANSONIA finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
ANTAKWA colorless waterproofing & floor oil—Antakwa Co., 202 N Jefferson, Chicago, Ill.
ANTEX round boxes and fancy baskets—Aunett Box Co., East Jeffrey, N. Y.
ANTHONY oil & gas burners, forges, furnaces, torches, strainers, etc.—Anthony Co., 138 West av, Long Island City.
ANTHONY woven wire fences—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
ANTI-AQUA damp resisting paints & waterproofing materials—Detroit Graphite Co., 10-12th, Detroit, Mich.
ANTI-CARBON lubricating oils & greases—American Oil Corp., Jackson, Mich.
ANTICLOG brass cleanouts & cesspools—Watertite Drain & Scupper Co., 137 E 46th, New York.
ANTI-CORROSIVE lubricating oil & greases—E. H. Kellogg & Co., 243 South, New York
ANTI-DAMP waterproofing materials—Anti-Stick Co., Westerville, Ohio
ANTI-DUST sweeping compounds—Anti-Dust Chemical Co., Denver, Colo.
ANTI-DUST sweeping compounds—Day, Bergwell Co., 289 E Water, Milwaukee, Wis.
ANTI-DUST sweeping compounds—Peabody Anti-Dust Co., Peabody, Mass.
ANTI-EXPLO automobile mufflers—Gemco Mfg. Co., Milwaukee, Wis.
ANTIFORMIN disinfectants—American Antiformin Co., 922 9th, Brooklyn, N. Y.
ANTI-FREEZING fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
ANTI-FRICTION belt dressing—W. H. Salisbury & Co., 308 N Madison, Dept. H, Chicago, Ill.
ANTI-FRICTION engine, dynamo & turbine oils—E. H. Kellogg & Co., 243 South, New York
ANTI-HYDRO waterproofing company—F. M. Hausling, 9 Orchard, Newark, N. J.
ANTI-LEAK pipe joint cements—J. R. & H. J. Bostwick, Clifton Springs, N. Y.
ANTI-PANIC chain door fasteners—Racine Iron & Wire Works, Racine, Wis.
ANTI-PANIC (BOLLES) entrance-door locks & exit-door fastenings—Wm. P. Bolles, P. O. Box 600 M, Milwaukee, Wis.
ANTI-PLUVIUS cornices & skylights—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
ANTIQUE CLUB writing paper—W. B. Oglesby Paper Co., Middletown, Ohio
ANTI-SAG screen door braces—F. Edw. Snyder, Massillon, Ohio
ANTI-SCREW MIDGET push buttons—Francis Keil & Son, 401 E 163rd, New York
ANTISEPTINE wood preservatives, wood & shingle stains—American Wood Preserving Co., 1351 N Branch, Chicago, Ill.

ANTISEPTOL liquid soap & liquid soap dispensers—Antiseptol Liquod Soap Co., 564 W Randolph, Chicago, Ill.
ANTI-SLIP belt dressing—Geo. Callahan & Co., 218 Front, New York
ANTI-SLIP ice creepers—Reading Saddle & Mfg. Co., Reading, Pa.
ANTI-SLIP pulley dressing—Fansher Bros., Dayton, Ohio
ANTI-THERMO dental grinding wheels—Wm. Brady & Co., 1911 Park av, New York
ANTI-WHALEBONE whips—Featherbone Whip Co., Westfield, Mass.
ANTI-WOOD push buttons—Francis Keil & Son, 401 E 163rd, New York
ANTLER surgical elastic hosiery—W. H. Horn & Bros., 451 N 3rd, Phila., Pa.
ANTLERS enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
ANVIL bread, butchers', carving & kitchen knives, cork screws, nut crackers & picks—Meriden Cutlery Co., Meriden, Conn.
ANVIL tackle blocks—Western Block Co., Lockport, N. Y.
ANYANGLE industrial lighting fixtures—Miller Saw Trimmer Co., Point bldg., Pittsburgh, Pa.
APCO oil gauges—Auto Parts Co., 702 Eddy, Providence, R. I.
APEX bath fittings—F. M. Dubois & Co., 247 9th av New York
APEX belt dressing & belt lacing—W. H. Salisbury & Co., 308 N Madison, Chicago, Ill.
APEX bread toasters—A. T. Knowlson Co., 99 Congress, Detroit, Mich.
APEX carbureter throttle & pump connections—Apex Elec. Mfg. Co., 1410 W 59th, Chicago, Ill.
APEX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
APEX chrome leather belting—Industrial Requirements Co., 136 Chestnut, Phila., Pa.
APEX clothes dryers—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.
APEX cold water paint—Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill.
APEX flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
APEX hack saw blades—American Saw & Mfg. Co., 69 Boylston, Springfield, Mass.
APEX hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio
APEX liquid soap dispensers, band punches, bench stops, nail pullers, saw sets, box openers, seal presses—Chas. Morrill, 100 Lafayette, New York
APEX paint & varnish removers—Berry Bros., Detroit, Mich.
APEX pipe cutting & threading machines—Merrell Mfg. Co., 278 Curtis, Toledo, Ohio
APEX roofing paints—Richmond Bros., 616 Main, Cincinnati, Ohio
APEX rubber belting—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
APEX steel fence posts—Janesville Barb Wire Co., Janesville, Wis.
APEX POLISHINE metal polish—A. D. Millers' Sons Co., Columbus & Preble, Pittsburgh, Pa.
APOLLO automobile horns—Automobile Supply Mfg. Co., 80 Broadway, Brooklyn, N. Y.
APOLLO galvanized steel sheet—American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
APOLLO gas igniters—Apollo Magneto Corp., Kingston, N. Y.
APOLLO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
APOLLO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
APOLLO medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York.
APOLLO rubber roofing—Rubber Roofing Mfg. Co., 5 Cortlandt, New York.
APPERLY feeds—Geo. S. Harwood & Son, Exchange bldg., Boston, Mass.
APPLE parers—Reading Hardware Co., Reading, Pa.
APPLETON agricultural implements—Appleton Mfg. Co., Batavia, Ill.
APPLETON butcher blocks—Appleton Wood Products Co., Appleton, Wis.
APPLETON hay carriers—Appleton Hay Tool Co., Appleton, Wis.
APPLETON outlet & switch boxes, conduit fittings, lock nuts—Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
APPLETON porch furniture & toys—Appleton Toy & Furniture Co., Appleton, Wis.
APPLETON-GOODHUE corn huskers—Appleton Mfg. Co., Batavia, Ill.
APPLETON'S washer cutters—Sargent & Company, New Haven, Conn.
APPOLLO stoves—Buckwalter Stove Co., Royersford, Pa.
AQUA belting—Shultz Belting Co., Fourth & Barton, St. Louis, Mo.
AQUA brass faucets—Crane Co., 836 S Michigan av, Chicago, Ill.
AQUA electric water heaters—Aqua Electric Heater Co., Bridgeport, Conn.
AQUA, JR. brass faucets—Crane Co., 836 S Michigan av, Chicago, Ill.
AQUABAR concrete hardeners & waterproofing materials—Aquabar Co., 844 Widener bl, Phila., Pa.
AQUADAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
AQUADAM waterproofing materials—Johns-Manville, Inc., Madison av & 41st, New York
AQUA JACK spray pumps—W. & B. Douglas, Middletown, Conn.
AQUALENE cutting oils—Crescent Oil Co., 50 Church, New York.
AQUALITE fire & weatherproof paints—Columbia Refining Co., 90 West, New York.
AQUAMARINE belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.
AQUA-NIT waterproofing materials—Jamestown Paint & Varnish Co., Jamestown, Pa.
AQUAPULT bucket spray pumps—W. & B. Douglas, Middletown, Conn.
AQUEDUCT wire glass—Pennsylvania Wire Glass Co., Pennsylvania bldg., Phila., Pa.
ARABIAN BRAND asbestos brake linings—Rosendale-Reddaway Belting & Hose Co., Newark, N. J.
ARC LAMP hanger boards—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
ARC SPRING currycombs—Decker Mfg. Co., Keokuk, Ia.
ARCADE cuspidors, foot scrapers, nut crackers & picks, hinges, screw drivers—Arcade Mfg. Co., Freeport, Ill.
ARCADE files—Nicholson File Co., Providence, R. I.
ARCADIA cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ARCADIA rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
ARCADIAN ceiling hooks—Arcade Mfg. Co., Freeport, Ill.
ARCHBUTT-DEELEY water softening & purifying apparatus—Leigh & Butler, 232 Summer, Boston, Mass.
ARCH COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan av, Newark, N. J.
ARCHER grey inner automobile tubes & fabric tire covers—Archer Tire & Rubber Co., 711 15th av, N. E., Minneapolis, Minn.
ARCO boilers & temperature regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
ARCO cork washers—Armstrong Cork Co., 24th & A. V. R. R., Dept. H, Pittsburgh, Pa.
ARCO padlocks—Slaymaker Lock Co., Lancaster, Pa.
ARCO RAYS paint—Arco Co., Euclid av & E 65th, Cleveland, Ohio.
ARCO refrigerators—Arlington Refrigerator Co., Arlington, Vt.
ARCO WAND vacuum cleaners—American Radiator Co., 820 S. Michigan av, Chicago Ill.
ARCOLA boilers & Radiators—Am. Radiators Co., 816 H, Michigan av, Chicago, Ill.
ARCTIC chloride of calcium—Pomeroy Salt Assn. Co., Pomeroy, Ohio.
ARCTIC coal tongs, ice tongs, fruit presses, sad iron heaters, handles & stands, stove trimmings, toilet paper holders, quilt frame damps & fireplace furnishings—Fanner Mfg. Co., Brookside Pk., Cleveland, Ohio
ARCTIC explosives—(E. I.) du pont de Nemours & Co., Wilmington, Del.
ARCTIC grease cups—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ARCTIC ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
ARCTIC lawn swings—Ohio Rake Co., Dayton, Ohio.
ARCTIC locomotive crown bearings—More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
ARCTIC lubricating oils & greases—Standard Oil Co. of N. Y., 555 W 25th, New York.
ARCTIC sight feed lubricators—Lukenheimer Co., Beekman & Waverley, Cincinnati, O.
ARDEE sash locks—Dayton Mfg. Co., Dayton, Ohio
ARDMORE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
AREOLES stoves—Birmingham Stove & Range Co., Birmingham, Ala.
AREX ventilators—Arex Original Siphonage Ventilators, Conway bldg, Chicago, Ill
ARGAM quebracho extracts—A. Klipstein & Co., 644 Greenwich, New York
ARGENTINE polished plate glass—Bache Semon & Co., 636 Greenwich, New York
ARGO high speed steel—John Illingworth Steel Co., Franklin, Pa.
ARGO photographic paper—Defender Photo Supply Co., Rochester, N. Y.
ARGO CULINARY vegetable oils & laundry starch—Corn Products Refining Co., 17 Battery pl, New York
ARGOS padlocks—Sargent & Co., New Haven, Conn.
ARGUS lightning arresters—Foote, Pierson & Co., 160 Duane, New York
ARGUTO oilless bearings—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
ARIEL hot air furnaces—Enterprise Foundry Co., Rochester, N. Y.
ARIES oil—Texas Company, 17 Battery pl, New York
ARIN window ventilators—Arex Co., Conway bldg, Chicago, Ill.
ARISTO photo-engraving arc lamps—Western Electric Co., 463 West, New York
ARISTO photo engraving arc lamps—Eastman Kodak Co., Rochester, N. Y.
ARISTOCRAT babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
ARISTOS COPPERWELD copper clad steel wire welding rods—Steel & Wire Co., 30 Church, New York.
ARK high speed steel—Wm. Jessop & Sons, Inc., 91 John, New York
ARK padlocks—Slaymaker Lock Co., Lancaster, Pa.
ARKANSAS harrows—Southern Plow Co., Columbus, Ga.
ARKLESS miscellaneous electric fuses—Economy Fuse & Mfg. Co., Greenview av at Diversey Parkway, Chicago, Ill.
ARLINGTON barrel spray pumps—W. & B. Douglas, Middletown, Conn.
ARLINGTON blotting paper—Eaton Dikeman Co., Lee, Mass.
ARLINGTON lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ARLINGTON MILLS degras—W. L. Montgomery & Co., 10 High, Boston, Mass.

ARLINGTON stoves—Chilson Furnace Co., Mansfield, Mass.
ARLINGTON swivel plows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
ARM & HAMMER leather belting—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ARMADA asbestos packing—Schultz Patent Rubber Co., 52 N 13th, Dept. H, Phila., Pa.
ARMATURE babbitt metal—Union Smelting & Refining Co., Inc., 63 Park row, New York.
ARMCO road culverts—Dixie Culvert & Metal Co., Atlanta, Ga.
ARMCO electrical & armature steel sheets rolling mills, alloy steel, etc.—Am. Rolling Mill Co., Middletown, Ohio
ARMCO iron flumes—Hardesty Mfg. Co., Denver, Colo.
ARMCO sheet metal culverts—Maryland Culvert & Metal Co., Munsey bldg, Baltimore, Md.
ARMCO welding & copper clad steel wire—Page Steel & Wire Co., 30 Church, New York.
ARMCO welding rods—Ohio Electrolytic Oxygen Co., 942 Kenyon av, Cincinnati, Ohio
ARMINIUS sulphur ores—Grasselli Chemical Co., Arminius Mines, Mineral, Va.
ARMOR CLAD filing cabinets—Armoclad Mfg. Co., Canton, Ohio
ARMOUR kitchen saws—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ARMSTRONG electric table stoves—Standard Stamping Co., Huntington, W. Va.
ARMSTRONG elevator signals—Elevator Supplies Co., Hoboken, N. J.
ARMSTRONG linoleum—Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
ARMSTRONG pattern adjustable stocks—U. S. Brubaker & Bros., Millersburg, Pa.
ARMSTRONG pipe cutters, vises, wrenches, nipple holders, threading machines—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
ARMSTRONG tool holders, boring, cutting-off, pipe threading tools, lathe dogs, ratchet drills & drilling machine vises—Armstrong Bros. Tool Co., 339 N. Francisco av, Chicago, Ill.
ARMSTRONG well drilling machinery—Armstrong Mfg. Co., Waterloo, Ia.
ARMSTRONG pipe vises—Oswego Tool Co., Oswego, N. Y.
ARMY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
ARMY padlock locks—W. S. Lock & Hdwe. Co., Columbia, Pa.
ARMY & NAVY metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
ARNO belting, rubber hose & brake lining—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
ARNOLD carbide candles—Wm. Ainsworth & Sons, Denver, Colo.
ARNOLD clam shell buckets—Quintard Iron Works Co., 742 E. 12th, New York
ARNOLD electric massage vibrators—Arnold Elec. Co., Racine, Wis.
ARNOLD ice creepers—Ray Hubbell & Co., Northville, N. Y.
ARNOLD stove pipe dampers—Arnold Damper (Inc.) Goshen, Ind.
ARNOLD valve grinders, hand power drills, air & tire pumps, portable drilling machines—J. N. Lapointe Co., New London, Conn.
ARNOLD'S draughting inks—Tower Mfg. & Novelty Co., 326 Broadway, New York
ARNOTT pile drivers' hammers—Union Iron Works, Hoboken, N. J.
ARR-AN-SEE boiler compound—Rodgers & Collins Co., Pontiac bldg, St. Louis, Mo.
AROOSTOOKAXE axes—Dunn Edge Tool Co., Oakland, Me.
ARRAS cream separators—Arras Cream Separator Co., Bluffton, Ohio
ARROLOCK sockets—Arrow Electric Co., Hartford, Conn.
ARROW aluminum solder—Lester Co., Fayetteville, N. Y.
ARROW angles T squares & rule clamps—Robert M. Irving, Syracuse, N. Y.
ARROW ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.
ARROW boat oars—Bayless Mfg. Co., Memphis, Tenn.
ARROW boiler compounds—Arrow Boiler Compound Co., Commonwealth Trust bldg, St. Louis, Mo.
ARROW cable stringing trolleys—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
ARROW chain link belting—Link Chain Co., Williamsport, Pa.
ARROW electric motors, generators & transformers—Arrow Mfg. Co., 618 Broadway, Toledo, Ohio
ARROW electric plug cut outs, lamp holders, rosettes & switches—Arrow Electric Co., Hartford, Conn.
ARROW files—Troy File Works, Troy, N. Y.
ARROW fire extinguishers—M. L. Snyder & Son, 223 Church, Philadelphia, Pa.
ARROW fire hose—Empire Tire & Rubber Corp., Trenton, N. J.
ARROW hay knives, mops, wood handles—Erie City Mfg Co., Erie, Pa.
ARROW leather belting, packing—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
ARROW packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
ARROW shade cloth—Columbia Mills, Inc., 225 5th av, New York
ARROW spark plugs—Reflex Ignition Co., 1708 Payne av, Cleveland, O.
ARROW steel tool—John A. Crowley Co., 120 Liberty, New York
ARROW switches, lamp sockets, etc—Arrow Electric Co., Hartford, Conn.
ARROW wrenches—Arrow Tool Co., 800 H Kensington av, Buffalo, N. Y.
ARROW BRAND rulers—Westcott Jewell Co., Seneca Falls, N. Y.
ARROW GRIP auto jacks—Arrow Grip Mfg. Co., Glens Falls, N. Y.
ARROWHEAD reclaimed rubber—U. S. Rubber Reclaiming Works, 42d st bldg., New York
ARROWLOCK electric sanitary flooring—David E. Kennedy, Inc., 62 W 14th, New York
ARROW TWENTY electric lamp sockets—Arrow Electric Co., Hartford, Conn.
ART grease cup lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
ARTCRETE flower pots—Hall Concrete Products Co., Grassland, Pa.
ARTEMPO perforated music rolls—Bennett & White, 67 Goble, Newark, N. J.
ART FLAT mission stain—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
ART GRAIN graining compound—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
ARTGUM rubber erasers—Viscol Co., Cambridge, Mass.
ARTHUR hump rail blocks—W. H. Arthur, Washington bldg, Stamford, Conn.
ARTHUR rail blocks—Mack Mfg. Co., Land Title bldg, Phila., Pa.
ARTHUR JAMES fish hooks—L. D. Lothrop & Son, Gloucester, Mass.
ARTIC automatic grease cups—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
ARTIC tank heaters—U. S. Wind Engine & Pump Co., Batavia, Ill.
ART KRAFT metallic shingles, steel ceilings—Canton Metal Ceiling Co., Canton, Ohio
ART METAL office furniture filing cabinets & safes—Art Metal Construction Co., Jamestown, N. Y.
ARUNDEL fireplace heaters—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ASA LEES & CO. bale breakers & revolving cords—Wm. Firth, 200 Devonshire, Boston, Mass.
ASBESTEEL metallic gaskets—Faul & Timmins, Buffalo, N. Y.
ASBESTINE pulp—International Pulp Co., 41 Park Row, New York
ASBESTINE sheet packing—Anchor Packing Co., Lafayette bldg, Phila, Pa.
ASBESTOLITH gaskets & packing—Asbestos & Rubber Works of America, 58th & Broadway, New York
ASBESTONE sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.
ASBESTOS metallic gaskets & locomotive lagging—Johns-Manville, Inc., Madison av & 41st, New York.
ASBESTOS roofing paints—Elliott Varnish Co., 1013 S. Kolmar av, Chicago, Ill.
ASBESTOS METALLIC gaskets—Asbestos & Rubber Works of America, 58th & B'way, New York
ASBORBON Absorbent Cotton—Maplewood Mills, Fall River, Mass.
ASCO automobile horn bulb protectors—New York Wire & Spring Co., 588 Washington, New York
ASEPTICO antiseptic & germicide—Anseptico Laboratories, Inc., 107 State, Rochester, N. Y.
ASEPTICOTE interior flat wall finish—Truscon Laboratories, Caniff & G. T. R. R., Detroit, Mich.
ASFALTSLATE shingles—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio.
ASH GROVE cement—Ash Grove Lime & Portland Cement Co., 7th fl, Grand av Temple, Kansas City, Mo.
ASHLAND deep well—F. E. Myers & Bro., Ashland, Ohio
ASHLAND pig iron—Ashland Iron & Mining Co., Ashland, Ky.
ASHLAND roller lawn swings, ratchet handle & hand pumps—F. E. Myers & Bro., 900 Fourth, Ashland, Ohio
ASHLAR anchor bolts—Scovil Iron & Steel Co., 243 17th, Jersey City, N. J.
ASHLEY steel boiler settings—Tomahawk Steel & Iron Works, Tomahawk, Wis.
ASHTON bubbling fountains, valves—Ashton Valve Co., 161 First, Cambridge, Mass.
ASHTON sight feed lubricators—Walter L. Flower Co., St. Louis, Mo.
ASHWELL railroad copying paper—Wm. Mann Co., 529 Market, Phila., Pa.
ASPHATOIL road binders & preservatives—Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
ASPINWALL potato diggers & potato planters—Aspinwall Mfg. Co., Jackson, Mich.
ASSAYERS drug grinding mills—Wilson Bros., Easton, Pa.
ASSOCIATED automatic fire sprinklers—Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.
ASSOCIATION ticket paper—Geo. La Monte & Son, 61 Broadway, New York.
ASTEROID asphalt roofing—Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
ASTOR gas heaters, radiators, hot air furnaces & stoves—Union Stove Works, 70 Beekman, New York
ASTOR FRANKLIN fireplace heaters—Union Stove Works, 70 Beekman, New York
ASYLUM baths—Crane Co., 836 S Michigan av, Chicago, Ill.
AS-YOU-LIKE-IT desk telephone brackets—K. & B. Co., 497 N. 3d, Phila., Pa.
ATERITE non corrosive alloy & products—Aterite Co., Inc., N E cor John & William, New York.
ATHERMOS refrigerators—Gurney Refrigerator Co., Fond du Lac, Wis.
ATHERTON coaster brakes—Buffalo Metal Goods Co., 196 Winchester av, Buffalo, N. Y.
ATHERTON loom pickers—Whitin Machine Works, Whitinsville, Mass.
ATHEY weather strips—Athey Co., 124 W. 24th, Chicago, Ill.

ATHOL cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ATHOL jewelers' vises—Athol Mach. & Foundry Co., Athol, Mass.
ATHOLEATHER auto top cloth—Athol Mfg. Co., Athol, Mass.
ATKINS slime classifiers—Colorado Iron Works Co., Denver, Colo.
ATKINS A. A. car movers—E. C. Atkins & Co., Indianapolis, Ind.
ATLANTA bench grinders—A. A. Wood & Sons Co., Atlanta, Ga.
ATLANTIC bagties—Atlantic Jute Mills, Norfolk, Va.
ATLANTIC belt dressing—Atlantic Mfg. Co., Wilmington, Del.
ATLANTIC belting, rubber hose & packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
ATLANTIC belting—Schwartz Belting Co., 76 Murray, New York.
ATLANTIC cans, tin dairy pails, refrigerator, pans & water pots—Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
ATLANTIC packing—A. W. Chesterton Co., 64 India, Boston, Mass.
ATLANTIC pumps—Waldo Bros. & Bond Co., 181 Congress, Boston, Mass.
ATLANTIC shingle stains—Atlantic Paint Co., Cleveland, Ohio
ATLANTIC steam shovels—Bucyrus Co., South Milwaukee, Wis.
ATLANTIC stoves—Grinberg Bros., 154 South, New York
ATLAS house raising jacks—McKiernan-Terry Drill Co., 15 Park Row, New York
ATLAS belting—Acme Belting Co., Niles, Mich.
ATLAS breaking plows—S. R. White's Sons, Norfolk, Va.
ATLAS bronze metal bearings & water & oil circulating pumps for autos—Atlas Brass Foundry Co., The Columbus, Ohio
ATLAS car movers—Appleton Car Mover Co., Appleton, Wis.
ATLAS car movers, rail joints & track rail grinders—Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill. Dept. H.
ATLAS carry-all overhead conveying systems—Dries & Krump Mfg. Co., 2901 S. Halsted, Chicago, Ill.
ATLAS cement—Atlas Portland Cement Co., 30 Broad, New York
ATLAS closets—Crane Co., 836 S. Michigan av, Chicago, Ill.
ATLAS corn brooms—Universal Broom Co., Dept. H. Chattanooga, Tenn.
ATLAS hot die & special alloy steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
ATLAS electric blowers & exhausters—Horning Electric & Mfg. Co., Cleveland, Ohio
ATLAS elevator boots—Link-Belt Co., 329 W 39th, Chicago, Ill.
ATLAS fire extinguishers—Northern Fire Apparatus Co., Minneapolis, Minn.
ATLAS fly killers—Atlas Mfg. Co., New Haven, Conn.
ATLAS gasoline engine—San Antonio Machine & Supply Co., Dept H, San Antonio, Tex.
ATLAS grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ATLAS hair pickers—Curtis & Mable Machine Co., Worcester, Mass.
ATLAS insulating paper—Keystone Roofing Mfg. Co., York, Pa.
ATLAS jacks—McKiernan-Terry Drill Co., 17 Park row, New York
ATLAS life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
ATLAS lubricating oils & greases—Swan & Finch Co., 165 B'way, New York
ATLAS metallic window frame—Manhattan Iron & Steel Sales Co., 122 E. 132d, New York
ATLAS platform trucks—Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.
ATLAS post caps—A. M. Castle & Co., 715 N. Morgan, Chicago, Ill.
ATLAS post caps & bases—Emil W. Ritter Co., 223 W. Austin av, Chicago, Ill.
ATLAS post hole diggers—Columbus Handle & Tool Co., Columbus, Ind.
ATLAS post hole diggers—Eureka Diggers Co., 227 W. Huron, Chicago, Ill.
ATLAS post hole diggers—Seymour Mfg. Co., Seymour, Ind.
ATLAS pressure regulators—Hall Mfg. Co., Harrison, N. J.
ATLAS primary batteries—Eastern Signal & Supply Co., 30 Church, New York
ATLAS shears—Atlas Shear Co., Bridgeport, Conn.
ATLAS staybolt iron—Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
ATLAS steel balls—Atlas Ball Co., 4th & Glenwood av, Phila., Pa.
ATLAS stump puller—Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
ATLAS sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
ATLAS sugar cloth bags—Atlantic Jute Mills, Norfolk, Va.
ATLAS tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
ATLAS water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
ATLAS water supply system—Deming Co., Salem, O.
ATLAS weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.
ATLAS A chemical weed killer—Chipman Chemical Engng Co., 136 Liberty, New York.
ATLAS E boiler compounds—Chipman Chemical Engng. Co., 136 Liberty, New York.
ATLAS S hide & skin preservative—Chipman Chemical Engng. Co., 136 Liberty, New York.
ATLAS UP & D wood preservative—Chipman Chemical Engng. Co., 136 Liberty, New York.
ATLAS IMPROVED plow steel rope—Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
ATLAS WHITE cement—Atlas Portland Cement Co., 30 Broad, New York
AT LAST clothes washing machines—At Last Washer Co., Perry, Ia.
ATLASTIC enamels, paints & stains—Atlastic Paint Mfg. Co., 1007 Marquette av, Minneapolis, Minn.
ATLO closets—Crane Co., 836 S. Michigan av, Chicago, Ill.
ATOMIST hand potato sprayers—Harry Bros. Mfg. Co., 282 E. Woodbridge, Detroit, Mich.
AT-TACH it mailing & catalog envelopes—Frank G. Shuman Co., 216 H. W. Clinton, Chicago, Ill.
ATTORNEY carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.
ATTOS step ladders—Superior Ladder Co., Goshen, Conn.
ATWOOD box hinges—Stanley Works, New Britain, Conn.
ATWOOD pipe joints & tuyere cocks—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
ATWOOD vacuum cleaners—Atwood Vacuum Cleaner Co., Rockford, Ill.
AUBURN brass balls & ball bearings—Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
AUBURN mica plugs—New York Mica & Mfg. Co., Auburn, N. Y.
AUBURN porcelain plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.
AUBURN steam heaters—Utica Heater Co., Utica, N. Y.
AUBURN wagons—Auburn Wagon Co., Martinsburg, W. Va.
AUDEMAIER binoculars—Spencer Optical Mfg. Co., 5 Maiden Lane, New York
AUDIFFREN air cleaners, ice refrigerating & compressed air drying machinery—Audiffren Refrig. Mach. Co., 90H West, New York.
AUDIFFREN-SINGRUN refrigerating machines—Johns-Manville Inc., Madison av & 41st, New York.
AUGMORE water heaters—Sand Mfg. Co., 5407 Sweeney av, Cleveland, Ohio.
AUGUSTINE rotary engines—Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
AULD CO. pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
AULTMAN-TAYLOR traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio
AUNT DINAH'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.
AUOGRAPH paint spraying machine—International Engng. Co., 42 Exchange, Malden, Mass.
AURORA blue print paper & machines—Williams, Brown & Earle, 916 Chestnut, Phila., Pa.
AURORA cupola ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.
AURORA dinner pails—National Enameling & Stamping Co., 411 5th av, New York
AURORA drill presses—Aurora Tool Works, Aurora, Ind.
AURORA dumping wagons—Western Wheeled Scraper Co., Aurora, Ill.
AURORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
AURORA lubricating oils & greases—Pigot, Sayre Co., 73 Front, New York
AURORA red sheet packing—General Asbestos & Rubber Co., Charleston, S. C.
AURORA rubber hose—National India Rubber Co., Bristol, R. I.
AURORA rural mail boxes—Geo. E. Roesch, Aurora, Ill.
AURORA typewriter ribbons & carbon paper—Miller-Bryant Pierce Co., Aurora, Ill.
AUSABLE horse nails—Ausable Essex Horse Nail Co., Keeseville, N. Y.
AUSCO concrete mixers—W. E. Austin Machinery Co., Atlanta, Ga.
AUSTIN air pumps—Homer F. Livermore, 85 Pearl, Boston, Mass.
AUSTIN contractors' machinery—Austin Machinery Corp., 80 E. Jackson blvd, Chicago, Ill.
AUSTIN locomotive sanders—United States Metallic Packing Co., 221 N. 13th, Phila., Pa.
AUSTIN oil separators—Wright-Austin Co., 315 Woodbridge, Detroit, Mich.
AUSTIN pipe organs—Austin Organ Co., Hartford, Conn.
AUSTRALIAN lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
AUSTRIAN-AMERICAN sanitary flooring—Frantz Djorup, 133 W. Washington, Chicago, Ill.
AUTO automobile locks & padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
AUTOCAR autos & motor trucks—Autocar Co., Dept. H. Ardmore, Pa.
AUTOCHIME whistles—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
AUTO CLEANER garden rakes—G. A. Swineford Co., Canton, Ohio
AUTO CLE wrenches—Frank Mossberg Co., Attleboro, Mass.
AUTOCLAVE sterilizers—Castle, Wilmot Co., Rochester, N. Y.
AUTO CRANE portable clam shell tractors & car unloaders—John F. Byers Machine Co., 242 S. Syracuse, Ravenna, Ohio
AUTOCRAT binoculars—American Thermo Ware Co., 16 Warren, New York
AUTOCRAT dry batteries—Stackpole Carbon Co., St. Marys Pa.
AUTOCRAT motor oil & greases—Bayerson Oil Works, Erie, Pa.

AUTOFORCE ventilators—Autoforce Ventilating System, 53 Devonshire, Boston, Mass.
AUTOS FRIEND, socket wrenches—Chas. Miller, Syracuse, N. Y.
AUTOGRAPH lead pencils—American Lead Pencil Co., 220 5th av, New York.
AUTO-HOT gas garage heaters—Kanneberg Roofing & Ceiling Co., Dept H, Canton, Ohio.
AUTO-KEMCLO chemical closets—Automatic Chemical Closet Co., Minneapolis, Minn.
AUTO KING automobile oil soap—National Soap Co., 40 Franklin, Detroit, Mich.
AUTO KURE medical batteries—J. H. Bunnell & Co., 32 Park pl, New York
AUTOLINE lubricating oils—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
AUTO LITE auto electric lighting systems—Electric Auto-Lite Co., Toledo, Ohio
AUTOMAT oxy-acetylene welding—Messer & Co., 121 No. 7th, Phila., Pa.
AUTOMATIC can makers' machinery—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
AUTOMATIC ice cream freezers—Treman King & Co, Ithaca, N. Y.
AUTOMATIC heaters—Pittsburgh Water Heater Co., Jenkins bldg., Pittsburgh, Pa.
AUTOMATIC lawn mower—Blair Mfg Co., Dept. H, Cleveland, Ohio.
AUTOMATIC paint spraying machine—International Engng. Co., 42 Exchange, Malden, Mass.
AUTOMATIC pipe bending machinery—Buffalo Forge Co., 490 Bway, Buffalo, N. Y.
AUTOMATIC time stamps & recorders—Automatic Time Stamp Co., 164 Congress, Boston, Mass.
AUTOMATIC ventilators—Automatic Ventilator Co., 2 Rector—New York.
AUTOMATIC NEEDLE VALVE oil and grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
AUTOMOBILE aluminum & manganese bronze castings: bearing metal—Sight Mfg. & Foundry Co., Pottstown, Pa.
AUTOMOBILE carriage top dressing—L. M. West's Sons, Rockford, Ill.
AUTOMOBILE crucible steel—Perkins Steel Co., Inc., 145 Liberty, New York.
AUTOPHONE automatic telephones—S. W. Couch Co., Norfolk Downs, Mass.
AUTO-PILER piling machines—Brown Portable Conveying Machy. Co., Dept. H, 10 S LaSalle, Chicago, Ill.
AUTO QUEEN wrenches—C. M. B. Wrench Co., Garwood, N. J.
AUTO SILENT water closets—Gaylord Sanitary Mfg. Co., El Dorado, Kans.
AUTO-SPRAY pumps & paint spraying machines—E. C. Brown Co., Rochester, N. Y.
AUTO-TITE flexible pipe joints & joint couplins—International Couplers Co., 239 4th av, Pittsburgh, Pa.
AUTO TRUCK counter scales—Jones of Binghamton, Inc., Binghamton, N. Y.
AUTOVENT propeller fans—Batterman Fruit Co., 736 W. Monroe, Chicago, Ill.
AUTOWATER water systems—Goulds Mfg. Co., 71 W. Falls, Seneca Falls, N. Y.
AUTO-WHEEL children's steering sleds—Auto Wheel Coaster Co., Inc., N. Tonawanda, N. Y.
AVALON cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
AVERY agricultural implements, pea hullers, self-feeders & ban cutters for threshers, traction engine gang plows, motor trucks & tractors—Avery Co., Peoria, Ill.
AVERY cultivators, harrows, potato diggers, & farm tractors—B. F. Avery & Sons, Dept. H, Louisville, Ky.
AVERY sensitive, ball bearing, single & multiple spindle drilling machines—Avery Drilling Machine Co., Cincinnati, Ohio
AVERY'S IMPROVED fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
AVIATOR sewing machines—Free Sewing Machine Co., Rockford, Ill.
AVIS sanitary fly traps—Avis Hardware Co., Pomona, Cal.
AVOLINEUM wood preservatives—Protexol Corp., 41 Barclay, New York
AVOLYN drinking fountains—Crane Co., 836 S. Michigan av, Chicago, Ill.
AVON ironing boards—S. J. Eisenman, 369 Broadway, New York
AVON stoves—Union Stove Works, 70 Beekman, New York
AVON syphon action water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
AWAY FROM THE WALL pipe hangers—Ira G. Lane Co., 1077 3d av, New York
AWL-IN-ONE plows—Gantt Mfg. Co., Macon, Ga.
AXEL switch staples—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
AXELSON sucker rods—Axelson Machine Co., Boyle av & Huntington Park, Los Angeles, Cal.
AXIOM rules—Irving Mfg. & Tool Co., 157 Chambers, New York
AXIOM DYNAMO belting—Schwartz Belting Co., 76 Murray, New York.
AXIOM EXTRA HEAVY belting—Schwartz Belting Co., 76 Murray, New York
AXIOM HEAVY belting—Schwartz Belting Co., 76 Murray, New York
AXONETAT car lighting belts—Victor Balata & Textile Belting Co., 38 Murray, New York
AXTELL weather strips—E. I. Church & Co., W. Hanover, Mass.
AXWELL spark plugs—Axwell Equipment Co., 421 Wood, Pittsburgh, Pa.
AYERS peanut planters—J. R. Ayers, Petersburg, Va.
AZAK solid cotton belting—Carton Belting Co., 52 Everett, Allston, Mass.
AZTEC graphite paints—Lincoln Paint & Color Co., Lincoln, Neb.
AZTEC oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
AZTEC road binders—U. S. Asphalt Refining Co., 90 West, New York
AZURE kitchen enameled ware—Belmont Stamping & Enameling, New Phila., Ohio
B. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
B. cotton twine—Estes Mills, Fall River, Mass.
B. feed grinding mills—Duplex Mfg. Co., Superior, Wis.
B. fire resisting cements—Howard Co., New Haven, Conn.
B. photometers—American Meter Co., 3112 N. 17th, Phila, Pa.
B. B. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
B. B. coil chains—Columbus McKinnon Chain Co., Columbus, Ohio
B. B. coil chains—United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
B. B. copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
B. B. crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
B. B. damper clips—Berger Bros. Co., 229 Arch, Phila., Pa.
B. B. dusters, dustless dust cloths, cotton & dustless mops, floor sweeping brushes, etc.—Milton Chemical Co., 156 Sixth, Cambridge, Mass.
B. B. expanded metal lath—Berger Mfg. Co., Canton, Ohio
B. B. portable hot air furnaces—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
B-B pumps & windmills—Beckman Bros., Des Moines, Ia.
B. B. Sewer gas traps, bath traps, solderless copper, floats, pipe nipple holders, flushing valves & tank valves—Boston Brass Co., Waltham, Mass.
B. B. shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
B. B. trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
B. B. coil chains—Columbus Chain Co., Columbus, Ohio
B. B. coil chains—United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
B-BRITE carriage top dressing—Polish Products Co., Kansas City, Mo.
B. C. rubber covered wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
B. C. & B. B. twine—California Cotton Mills Co., Oakland, Cal.
B. C. SPIRITS turpentine—Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
B. C. & D. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.
B-C-CO FAN pumps—Black-Clawson Co., Hamilton, Ohio
B-D carbureters—Detroit Motor Castings Co., 229 Beaufait, Detroit, Mich.
B-G conveyors—Barber-Greene Co., Dept. H, Aurora, Ill.
B. G. D. loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
B. H. M. tool sets—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
B. H. MFG. CO. universal joints—B. Hoffman Mfg. Co., Milwaukee, Wis.
B-K disinfectants—General Laboratories, Madison, Wis.
B-L-K cow milking machine vacuum pumps—D. H. Burrell & Co., Little Falls, N. Y.
B. M. C. steam condensers, tank heaters, steel bins, corn cribs, etc.—Butler Mfg. Co., Kansas City, Mo.
B. O. blow-off valves—L. J. Bordo Co., 12th & Thompson, Phila., Pa.
B. O. E. sad irons—Loetcher-Ryan Mfg. Co., Dubuque, Ia.
B. O. E. spark plugs—Delta Mfg. Co., 9 Delancy, Newark, N. J.
B. O. T. plumbers' sanitary earthenware, water closets, closet seats & tanks—American Sanitary Works, Washington, N. J.
B. P. S. paint—Patterson-Sargent Co., 1325 E 38th, Cleveland, Ohio.
B. R. E. hygiene closets & tanks—B. R. E. Mfg. Co., Hyde Park, Mass.
B. R. E. HYGIENE closets seats—B. R. E. Mfg. Co., Hyde Park, Mass.
B. S. breast strap slides—Frazer & Jones Co., Syracuse, N. Y.
B-S insulating compounds—Mitchell-Rand Mfg. Co., 18 Vesey, New York
B. S. Co. iron screws—Bridgeport Screw Co., Bridgeport, Conn.
B. T. & B. molders' flasks—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
B. V. S. varnish mfrs.—Patterson-Sargent Co., 1325 E. 38th, Cleveland, Ohio
B-VER expansion reamers—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
B. W. DEFIANCE bond paper—Weston Byron Co., Dalton, Mass.
B. W. H. splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
B. & B. foundry moulding machines—B. & B. Mfg. Co., Indianapolis, Ind.
B. & B. gas engines—Buckeye Engine & Foundry Co., Joliet, Ill.
B. & B. propeller wheeels—Bryant & Berry Co,, 32 W Atwater, Detroit, Mich.
B. & C. floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
B. & C. S. wrenches—Bemis & Call Hardware & Tool Co., 983 Main, Springfield, Mass.

B. & D. electric drills—Black & Decker Mfg. Co., 111S. Calvert, Baltimore, Md.
B. & D. CO., knives & ice chisels—Browne & Dowd Mfg. Co., Meriden, Conn.
B. & E. gas engines—Bates & Edmonds Motor Co., Lansing, Mich.
B. & F. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.
B. & F. belting—Warren Belting Co., Dept. H, Worcester, Mass.
B. & G. fanning mills—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
B. & H. cement—Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
B. & K. coal jigs—Mt. Carmel Iron Works, Mt. Carmel, Pa.
B. & K. pipe cutters & die grinding machines—Bignall & Keeler Mfg. Co., Edwardsville, Ill.
B. & L. microscopes, spectroscopes & polariscopes—Elmer & Amend, 205 Third av, New York
B. & M. babbitt metal—H. K. & F. S. Benson, Glen Ridge, N. J.
B. & O. cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
B. & O. punches & tire upsetters—Butts & Ordway Co., 33 Purchase, Boston, Mass.
B. & P. loose leaf devices—Boorum & Pease Co., 109 Leonard, New York
B. & S. cutter heads—Buettner Shelburne Machine Co., Terre Haute, Ind.
B. & S. ring oiling hangers—T. B. Woods' Sons Co., Chambersburg, Pa.
B. & S. stocking cutters—Brown & Sharpe Mfg. Co., Providence, R. I.
B. & S. wrenches, clamps, pliers, drop hammers & presses tool kits—Billings & Spencer Co., Hartford, Conn.
B. & W. creamery churns, milk heaters—D. H. Burrell & Co., Little Falls, N. Y.
B & W radiators—Western Radiator Co., 410 N Western av, Chicago, Ill.
B. & W. sliding furniture shoes—Brainard & Wilson Corp., Danbury, Conn.
B. & W. water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
B. & W. water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
B. & Z. corn & cob mills—Barry & Zecher Co., Lancaster, Pa.
BABBITT 1776 soap powder—B. T. Babbitt, 15 W 34th, New York
BABBITTS' CLEANSER compounds—B. T. Babbitt, Inc., 15 W 34th, New York
BABCOCK cream testers—Sharples Milker Co., Dept. H, West Chester, Pa.
BABCOCK fire extinguishers—S. F. Hayward & Co., 250 W 54th, New York
BABCOCK shears—Clark Bros. Cutlery Co., Kansas City, Mo.
BABCOCK & KELLEY oil & grease cup lubricators—Crescent Oil & Supply Co., 303 N Levee, St. Louis, Mo.
BABY belt lacing machines—Clipper Belt Lacer Co., 1042 Front av, Grand Rapids, Mich.
BABY baths & closets—Crane Co., 836 S Michigan av, Chicago, Ill.
BABY incandescent gas mantles—American Gas Machine Co., Inc., 78 Reade, New York.
BABY revolvers—R. F. Sedgley, 2311 N 16th, Phila., Pa.
BABY spark plugs—Reflex Ignition Co., 1708 Payne av, Cleveland, Ohio
BABY ventilating fans—Buffalo Forge Co., Buffalo, N. Y.
BABY DYNAMO electric toys—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
BABY GRAND egg boilers—Berger & Hamden Mfg. Co., Homestead, Pa.
BABY GRAND lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
BABY SUPERIOR fly traps—Stuber & Kuck Co., Peoria, Ill.
BABY TOY phonographs—General Phonographer Mfg. Co., Elmira, Ohio
BACHELDER steam engine indicators — Richard Thompson & Co., 146 H Liberty, New York.
BACHMAN water softening & purifying apparatus—D. W. Patterson, 152 Market, Phila., Pa.
BACK HAWK packing—Revere Rubber Co., Chelsea, Mass.
BACKUS fireplace heaters, gas heaters & logs—Backus Heater & Fdry. Co., 63 Canal, Boston, Mass.
BACO aniline colors, dyes & dyestuffs—Bachmeier & Co., 438 W 37th, New York
BACON cultivators—Bacon Mfg. Co., Pontiac, Mich.
BACON felts, felt washers, wheels, polishing wheels, wadding wool—Bacon Felt Co., Winchester, Mass.
BACON gas ranges—Thos. White Stove Co., Quincy, Ill.
BADGER anvils—American Skein & Foundry Co., Racine, Wis.
BADGER car movers—Ransome Concrete Machinery Co., Dunellen, N. J.
BADGER cattle stanchions—Gehl Bros. Mfg. Co., West Bend, Wis.
BADGER closet seats—Plumbers Woodwork Co., Algoma, Wis.
BADGER concrete mixers—Badger Concrete Mixer Co., First Nat. Bk. bldg, Milwaukee, Wis.
BADGER corn shellers—Appleton Mfg. Co., Batavia, Ill.
BADGER cultivators—Kingman Plow Co., Peoria, Ill.
BADGER cylinder oil—Wadham's Oil Co., 359 Clinton, Milwaukee, Wis.
BADGER disc ring wheel, double vertical spindle grinders, abrasive discs, disc wheel & pattern makers' cement—Badger Tool Co., Beloit, Wis.
BADGER files—Racine File Co., Racine, Wis.
BADGER fly pillers—Hoaglin Mfg. Co., Waupaca, Wis.
BADGER gas & gasoline engines—Christensen Engineering Co., Milwaukee, Wis.
BADGER loose leaf devices & binders—Heinn Co., 354 H Florida, Milwaukee, Wis.
BADGER oil filters—Wisconsin Foundry & Machine Co., Madison, Wis.
BADGER potato diggers—McKenzie Mfg. Co., La Crosse, Wis.
BADGER punching & shearing machines—Rock River Machine Co., Janesville, Wis.
BADGER refrigerator drains—Modern Iron Wks., Quincy, Ill.
BADGER rubber belting—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
BADGER spring tooth harrows—Eureka Mower Co., 16 Hickory, Utica, N. Y.
BADGER tank heaters—Duplex Mfg. Co., Superior, Wis.
BADGER STATE fanning mills—Foster & Williams Mfg. Co., Racine, Wis.
BAER barrel washing machines—A. S. Baer & Son, 106 Wall, New York
BAERTL pulley covering—Baertl Anti-Slip Cement Co., 97 Water, New York
BAGLEY railroad graders—Bagley Grader Co., Tacoma, Wash.
BAILEY adjustable iron planes & spoke shaves—Stanley Rule & Level Co., New Britain, Conn.
BAILEY chain hoists—Jas. P. Dunn, Cleveland, Ohio
BAILEY WONT SLIP cushioned tires—C. J Bailey & Co., 22 Boylston, Boston, Mass.
BAILEY meters, air, boiler feed water, gas, hot water, steam, water & water flow & weir recorders—Bailey Meter Co., 2017 E 46th, Cleveland, O., & 139 Milk, Boston, Mass.
BAILEY post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
BAILEY'S CROWN metal polish—Crown Chemical Co., Indianapolis, Ind.
BAILY metal melting & heat treating electric furnaces—Electric Furnace Co., Alliance, Ohio
BAIN wagons—Bain Wagon Co., Kenosha, Wis.
BAIR bow separators & carriage fasteners—Auto-Specialties Mfg. Co., Joliet, Ill.
BAIRD fresh water distilling evaporators—M. T. Davidson Co., 154 Nassau, New York
BAIRD pottery molders—Baird Machine & Mfg. Co. 265 E Jefferson, Detroit, Mich.
BAIRD tumbling barrels—Baird Machine Co., Bridgeport, Conn.
BAIRSTOW BROS. flyers—Speed & Stephenson, 170 Summer, Boston, Mass.
BAKELITE gears—Wm. Ganschow Co., 1001 Washington blvd, Chicago, Ill.
BAKELITE insulating compounds, baking enamels & lacquer—General Bakelite Co., 2 Rector, New York
BAKELITE moulded heat-proof insulation—Remy Electric Co., Anderson, Ind.
BAKELITE-DILECTO fibre specialties—Continental Fibre Co., Newark, Del.
BAKER barbed wire—American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
BAKER fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
BAKER gasoline engines—Baker Mfg. Co., Evansville, Wis.
BAKER leather staking machines—G. W. Baker Machine Co., Wilmington, Del.
BAKER oil separators—Wheeler Condenser & Engineering Co., Carteret, N. J.
BAKER ore coolers—Stearns-Roger Mfg. Co., Denver, Colo.
BAKER piston valves—Baker Valve Co., 1855 E 28th, Minneapolis, Minn.
BAKER plaster—United States Gypsum Co., 205 W Monroe, Chicago, Ill.
BAKER saw benches—Baker Bros., Toledo, Ohio
BAKER splitting machinery—Wm. H. Baker, Trenton, N. J.
BAKER steel bins—Arthur G. McKee & Co., 2422 H Euclid av, Cleveland, Ohio.
BAKER threshers—A. D. Baker Co., Swanton, Ohio
BAKER valve gear—Pilliod Co., 30 Church, New York
BAKER windmill regulators—Baker Mfg. Co., Evansville, Wis.
BAKER MANEY 4 wheel scrapers—Baker Mfg. Co., Harvard Pk., Springfield, Ill.
BAKER & SHEVLIN blow-off valves—Baker Mfg. Corp., Saratoga Springs, N. Y.
BAKER'S filter paper—J. T. Baker Chemical Co., Phillipsburg, N. J.
BAKOROST fireless cookers—Grand Rapids Screen Co., Grand Rapids, Mich.
BAK-PUSH water closets—Pittsburgh Brass Mfg. Co., Penn & 32d, Pittsburgh, Pa.
BAL BUILT automobile trunks—William Bal Co., 14 Johnson, Newark, N. J.
BALDT boat anchors—Columbia Steel Co., 503 Market, San Francisco, Cal.
BALDWIN cash carriers—Jas. L. Baldwin & Co., 350 W Madison, Chicago, Ill.
BALDWIN feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
BALDWIN packing—Anchor Packing Co., Lafayette bldg, Philadelphia, Pa.
BALDWIN power transmission chains—Baldwin Chain & Mfg. Co., Worcester, Mass.
BALDWIN windmills—Walker Mfg. Co., Council Bluffs, Ia.
BALDWIN CONNECTING link chain repair—Baldwin Chain & Mfg. Co., Worcester, Mass.
BALDWIN'S AMERICAN cultivators — Donaldson Bros., Mt. Clemens, Mich.

BALL gears—N. Y. Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
BALL jelly glasses & tumblers—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL lubricating oils—Colgan Mfg. & Supply Co., 118 Maiden la, New York
BALL track drills—Pettibone, Mulliken & Co., 140 S Dearborn, Chicago, Ill.
BALL BEARING lawn mowers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
BALL IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL IMPROVED fruit jars——Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL PERFECT MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL PERFECT SEAL fruit jar rubbers—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL TYPE gauge cocks—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
BALL & FITTS oil meters—Union Water Meter Co., Worcester, Mass.
BALLARD track bolts—Ballard Drop Forge Co., Seattle, Wash.
BALLISTITE smokeless shotgun powders—(E. I.) du Pont de Nemours & Co., Wilmington, Del.
BALLOON fly traps—Wickwire-Spencer Steel Corp., Worcester, Mass.
BALL'S paint & varnish remover—Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
BALLWOOD welded flanges—Ballwood Co., 30 Church, New York
BALSAGO pipe joint cement—H. S. Desper, 40 Shelby, Worcester, Mass.
BALSALATION heat insulation—American Balsa Co., Inc., 50 E. 42d, New York
BALTIMORE brass pipe—Baltimore Tube Co., Wicamico & Ostend, Baltimore, Md.
BALTIMORE center plates—T. H. Symington Co., 233 Broadway, New York.
BALTIMORE hay presses—Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.
BALTIMORE wagon jacks—Lansing Co., Lansing, Mich.
BALTIMORE water filters—Loomis-Manning Filter Co., 1421 S 37th, Phila., Pa.
BALTIMOREAN printing presses & machinery—J. F. W. Dorman Co., 526 N Calvert, Baltimore, Md.
BALTO-BELT belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
BALTZY steel stove trucks—Arcade Mfg. Co., Freeport, Ill.
BALZAN steel stove trimmings—Arcade Mfg. Co., Freeport, Ill.
BANFIELD BEST BRIGHT tin plates—Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
BANGOR RIBBON roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio
BANKER wind shields—Banker Wind Shield Co., 5722 Ellsworth av, Pittsburgh, Pa.
BANKER'S blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
BANKERS' SAFETY paper—Geo. Le Monte & Son, 61 Broadway, New York
BANNER aqua & anhydrous ammonia, chloride of lime & powdered lye—Penn Chemical Works, 1332 Washington av, Phila., Pa.
BANNER clothes washing machines—Boss Washing Machine Co., Cincinnati, Ohio
BANNER corn brooms—Universal Broom Co., Chattanooga, Tenn.
BANNER cream separatore—Seither & Cherry Co., Keokuk, Ia.
BANNER cultivators—F. C. Mason & Co., St. Johns, Mich.
BANNER cultivators—Racine-Sattley Co., Springfield, Ill.
BANNER hickory handles—Hartwell Handle Co., Harvey, Ill.
BANNER hydrate lime—National Mortar & Supply Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.
BANNER incandescent electric lamps—Banner Electric Works of G. E. Co., Youngstown, Ohio
BANNER knitting machinery—Hemphill Mfg. Co., Central Falls, R. I.
BANNER loose leaf devices—Nelson Corp., 326 W Madison, Chicago, Ill.
BANNER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.
BANNER oil cup lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
BANNER potato diggers—Greenville Implement Co., Greenville, Mich.
BANNER road scrapers—Amer. Steel Scraper Co., Sidney, O.
BANNER root cutters—O. E. Thompson & Sons, Ypsilanti, Mich.
BANNER self-closing basin cocks—Banner Mfg. Co., 109 Lafayette, New York.
BANNER steel tape—Lufkin Rule Co., Saginaw, Mich.
BANNER switch stands—Pettibone, Mulliken & Co., 140 S Dearborn, Chicago, Ill.
BANNER vacuum cleaners—Banner Machine Co., Columbiana, Ohio
BANNER welding compounds, boiler compounds, belt dressing—Cortland Specialty Co., 174 Railroad, Cortland, N. Y.
BANNISTER carriage wheels—Muncie Wheel Co., Muncie, Ind.
BANNISTER grate bars—Mechanics' Iron Foundry Co., 38 Kemble, Boston, Mass.
BANNISTER'S concrete spades—Conneaut Shovel Co., Conneaut, Ohio
BANNON'S lidded pipe—P. Bannon Pipe Co., Louisville, Ky.
BANTAM incubators & brooders—Buckeye Incubator Co., Springfield, Ohio
BENZAI white enamel—Patton Paint Co., Milwaukee, Wis.
BARBER bit braces & drill chucks—Millers Falls Co., 28 Warren, New York
BARBER car trucks, side bearings & center plates—Standard Car Truck Co., 332 S Michigan av, Chicago, Ill.
BARBER'S bit braces—Turner & Deegan, Bristol, Conn.
BARBET distilling apparatus—E. B. Badger & Sons Co., 75A Pitts, Boston, Mass.
BARBRACO belting—Barnum Bros. Co., Troy, N. Y.
BARCO flexible joints—Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
BARCOLAX lacquer—M. L. Barrett & Co., 233 H W Lake, Chicago, Ill.
BARCROFT level punching machines—Fred Barcroft, Madera, Cal.
BARCROFT punching machines—Fred Barcroft, Madera, Cal.
BARCUS air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
BARD adjustable bushings—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
BARD unions—Bard Union Co., Norwich, Conn.
BARDEN'S grass hooks & 20th Century corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
BARDSLEY wooden knobs—Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio
BARGAIN clothes lines—Estes Mills, Fall River, Mass.
BARHART log loaders—Goodyear Lumber Co., Marine Nat. Bank bldg, Buffalo, N. Y.
BARIO elec. furnaces & heat resisting metals—Bario Metal Corp., 167 W 18th, New York
BAR KEEPERS' FRIEND metal polish—Geo. W. Hoffman Co., 557 E Washington, Indianapolis, Ind.
BARKELEW knife switches—Barkelew Elec. Mfg. Co., Middletown, Ohio
BARKER bit braces—Millers Falls Co., 28 Warren, New York
BARKER grate bars & massage vibrators—James Barker, 6th & Cayuga, Phila., Pa.
BARLER IDEAL oil stoves & heaters—A. C. Barler Mfg. Co., 341 E Ohio, Chicago, Ill.
BAR LOCK prismatic glass—American Bar Lock Co., 1724 N 9th, Phila., Pa.
BAR-LOCK vault & sidewalk lights—E. R. Taylor Co., 786 E Bradbury, Boston, Mass.
BARNARD MOLINE bean dusters—Barnard & Leas Mfg. Co., Moline, Ill.
BARNARD kitchen enameled ware—New England Enameling Co., Middletown, Conn.
BARNARD lamp wick trimmers—H. B. Ives Co., New Haven, Conn.
BARNARD'S feed grinding drills & grain separators—Barnard & Leas Mfg. Co., Moline, Ill.
BARNES friction disc drills & screw presses—W. F. & Jno. Barnes Co., Rockford, Ill.
BARNES hay carriers—J. E. Porter Co., Ottawa, Ill.
BARNES night latches—Huber Mfg. Co., 417 E 93d, New York
BARNES pipe cutters—Oswego Tool Co., Oswega, N. Y.
BARNE-MADE wire springs—Wallace Barnes Co., 18 Wallace, Bristol, Conn.
BARNETT tumbling barrels, molders' flasks, door checks & springs & gas pliers—Oscar Barnett Foundry Co., Irvington, N. J.
BARNEY & BERRY ice & roller skates—Winchester Repeating Arms Co., New Haven, Conn.
BAR-NIC battery connectors—Barcy Nicholson Co., 837 W Fort, Detroit, Mich.
BARNSTEAD stills—Barnstead Water Still Co., 2 Forest Hills, Boston 30, Mass.
BAROL wood preservatives—Anthrol Wood Preserving Co., 12 E 15th, New York
BAR-OX coatings for acid, alkali & brine exposures & protective steel paints—Truscon Laboratories, Caniff & G. T. R. R., Detroit, Mich.
BARRACKS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BARRE pneumatic stone cutters' tools—Trow & Holden Co., Barre, Vt.
BARRETT curtain rods—W. C. Barrett & Bro., 603 N. La Salle, Chicago, Ill.
BARRETT cylinder boring machines & pipe vises—Barrett Machine Tool Co., Meadville, Pa.
BARRETT grease & back water & sewer gas traps & valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
BARRETT jacks—Duff Mfg. Co., N. S., Pittsburgh, Pa.
BARRETT marking gauges — Leavitt Machine Co., Orange, Mass.
BARRETT NONPAREIL cast iron cleanouts—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
BARRETT'S creosote oils—Barrett Co., 17 Battery pl., New York
BARRINGTON bond paper—B. D. Rising Paper Co., Housatonic, Mass.
BARRON water coolers—Fearless Dish Washer Co., Rochester, N. Y.
BARR'S steam traps—Henry B. Pancoast Co., 950 N. Front, Phila., Pa.
BARRY parlor door hangers—Central City Bolt Co., Syracuse, N. Y.
BARRY STEEL SPLIT PULLEY wrought steel pulleys—R. & J. Dick (Ltd.), Passaic, N. J.
BARSTOW stoves & heaters—Barstow Stove Co., 116 Point, Providence, R. I.
BARTH wagon & track lifting jacks—Barth Mfg. Co., 350 Milwaukee, Milwaukee, Wis.
BARTHEL blow torches, furnaces & fire pots—Globe Gas Light Co., 25 Union, Boston, Mass.
BARTHOLDI electric gas lighters—A. L. Bogart, 55 Barclay, New York
BARTHOLOMEW self-feeders & band cutters—Avery Co., Peoria, Ill.
BARTLETT auger bit boxes—Bennett Mfg. Co., Portland, Me.

BARTLEY nut & bolt fasteners——Am. Nut & Bolt Fastener Co., 9 H Ontario, Pittsburgh, Pa.
BARTON steam traps—Automatic Steam Trap & Specialty Co., 315 Harper av, Detroit, Mich.
BARTON steam traps—John W. Barton, 2707 Vestry av, Cleveland, Ohio
BARTON'S car bells & gongs—Starr Bros. Bell Co., East Hampton, Conn.
BARTOW oil filters & libricators—Hall Mfg. Co., Harrison, N. J.
BARWOOD packings, cups & washers, leather frictions; gaskets, moulded leather, leather nuts & buttons; felt & fibre washers—L. J. Barwood Mfg. Co., Stoneham 80, Boston, Mass.
BASLINE automobile towing ropes—Broderick & Bascom Rope Co., 805 N. Main St. Louis, Mo.
BASOL paint—Jenkins Paint & Oil Co., Norfolk, Va.
BASSICK auto grease cups, lubricators & oilers—Bassick Co., Bridgeport, Conn.
BASTIAN electrolytic meter—Helio Mfg. Co., 2530 N. Broad, Phila., Pa.
BATDORF coin wrapping machines—Automatic Coin Wrapping Machine Co., 80 Greenwich, New York
BATDORFF'S eave-trough hangers—Canton Cornice & Skylight Co., Canton, Ohio
BATES auger bits—Snell Mfg. Co., Fiskdale, Mass.
BATES dating & numbering machines—Bates Mfg. Co., 50 Church, New York
BATES numbering machines—Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
BATES spectroscopes & polariscopes—E. H. Sargent & Co., 155 Superior, Chicago, Ill.
BATES steam & hot water heaters—Edw. P. Bates Co., Syracuse, N. Y.
BATES steel mule tractors—Joliet Oil Tractor Co., Joliet, Ill.
BATES tractors—Bates Tractor Co., Lansing, Mich.
BATES well curbing—E. E. & J. H. Bates, Arlington, Providence, R. I.
BATH cements—Bath Portland Cement Co., Bath, Pa.
BATH grinders—Universal Grinding Machine Co., Fitchburg, Mass.
BATTERSEA crucibles—Henry Heil Chemical Co., St. Louis, Mo.
BATTLE packing—Keasbey & Mattison Co., Ambler, Pa.
BATTLE AX stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
BATTLESHIP linoleums—Joseph Wild & Co., 366 5th av, New York
BAUER circular saw setting machines — Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
BAUER gas engines—Bauer Machine Works Co., Kansas City, Mo.
BAUER'S button hole cutters—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.
BAUM steam separators—Geo. M. Newhall Engineering Co., Commercial Trust bldg., Phila., Pa.
BAUM'S carriage top dressing—Baum's Castorine Co., Rome, N. Y.
BAUROTH gas & gasoline engines & grain elevators—Bauroth Bros., Springfield, Ohio
BAUSMAN lawn swings—Noll Bros., Bausman, Pa.
BAXTER rubber aprons—Davol Rubber Co., 69 Point, Providence, R. I.
BAXTER wrenches—Greene, Tweed & Co., 109 Duane, New York.
BAY CITY packing & suction hose—Pioneer Rubber Mills, San Francisco, Cal.
BAYER feed water purifiers—Bayer Steam Soot Blower Co., St. Louis, Mo.
BAYLEY corn & cob mills—Gray Iron Casting Co., Springfield, Ohio
BAYLEY hand bone mills & steel corn cribs—Wm. Bayley Co., Springfield, Ohio
BAYLEY hot blast heating apparatus—Bayley Mfg. Co., Milwaukee, Wis.
BAYLEY-SPRINGFIELD wrought steel window frames—Wm. Bayley Co., Springfield, Ohio
BAYONET trolley wheels—Bayonet-Trolley-Harp Co., Springfield, Ohio
BAYONNE canvas roofing—John Boyle & Co., 112 Duane, New York
BAY STATE belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BAY STATE clippers—Coates Clipper Mfg. Co., Worcester, Mass.
BAY STATE die tool holders, machine bolt & screw dies—Bay State Tap & Die Co., Mansfield, Mass.
BAY STATE enamels, paints, varnishes, wood & shingle stains, carriage dressings, shellac, wood fillers, metal polish, varnish dryers, waterproofing materials, & hard wax floor polish—Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
BAY STATE fruit & vegetable parers—Goodell Co., Antrim, N. H.
BAY STATE grinders—Robbins Machine Co., Worcester, Mass.
BAY STATE printing stamp racks, rubber vulcanizers & seal presses—R. H. Smith Mfg. Co., Springfield, Mass.
BAY STATE steam & hot water heaters—Barstow Stove Co., 116 Point, Providence, R. I.
BAY STATE traps—Joseph H. Young Co., 82 High, Boston, Mass.
BAY STATE JACKET cotton hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BAY VIEW pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
BAYWAY lubricating oils & greases—Swan & Finch Co., 165 Broadway, New York
BEACH carriages—C. A. Pinkham Carriage Co., Farmington, Me.
BEACON lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
BEACON leather crayons—American Crayon Co., Sandusky, Ohio
BEACON lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
BEACON oil pump lubricators — Wm. Powell Co., Cincinnati, Ohio
BEACON packing—Revere Rubber Co., Chelsea, Mass.
BEACON transformers—United Electric Apparatus Co., 1529 Columbus av, Roxbury, Boston, Mass.
BEACON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
BEAMAN stadia surveying arc—W. & L. E. Gurley, Troy, N. Y.
BEAMER steam sand dryers—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
BEAR grease cups—Wm. Powell Co., Cincinnati, Ohio
BEAR lamp black—Wilckes, Martin, Wilckes Co., 135 William, New York
BEAR safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
BEAR traction engines—Wallis Tractor Co., Racine, Wis.
BEAR BRAND sheet metal products, canteens, etc.—Woolwine Metal Products Co., 8th & Santa Fe av, Los Angeles, Cal.
BEAR CAT battery switches—C. D. Wood Electric Co., 441 Broadway, New York.
BEARD-MACKIE gas indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
BEARDSLEY malleable iron cross arms—Eastern Malleable Iron Co., Naugatuck, Conn.
BEAT-M. ALL spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
BEATRICE tank heaters—Dempster Mill Mfg. Co., Beatrice, Neb.
BEATS ALL carpet beaters—Beats All Mfg. Co., Fairmont, Minn.
BEATS ALL pressure reducing valves—Locke Regulator Co., Salem, Mass.
BEATS ALL, JR. lead pencils—American Lead Pencil Co., 220 Fifth av, New York.
BEATTY & SONS bush hooks, butchers' cleavers and hatchets—John H. Black Co., Chester, Pa.
BEAU BRUMMEL liquid soap—West Disinfecting Co., 411 5th av, New York
BEAUMONT liquid soap—Samuel Lewis, 73 Barclay, New York
BEAUTY picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
BEAVER automobile engines—Beaver Mfg. Co., 1st and Oklahoma av, Milwaukee, Wis.
BEAVER easy working pipe threaders; square end pipe cutters—Borden Co., Warren, Ohio
BEAVER horse nails—Standard Horse Nail Co., New Brighton, Pa.
BEAVER hot air furnaces—Danville Stove & Mfg. Co., Danville, Pa.
BEAVER packing—H. Johnson Co., ft of Gates av, Jersey City, N. J.
BEAVER plaster boards—Beaver Co., 956 Beaver rd, Buffalo, N. Y.
BEAVER ready roofing—Chapman & Soden, 150 Oliver, Boston, Mass.
BEAVER safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
BECCO priming cups, spark plugs and wire terminals —Michigan Motor Specialties Co., 26 Dubois, Detroit, Mich.
BECKER bell ringing transformers—Peerless Light Co., 663 H W Washington blvd, Chicago, Ill.
BECKER oil pumps; die sinking; milling & profiling machines—Becker Milling Machine Co., Hyde Park, Mass.
BECKER pipe threaders—Handy Mfg. Co., Bridgeport, Conn.
BECKER telephone cable terminals—Central Tel. & Electric Co., 311 N. 11th, St. Louis, Mo.
BECKLEY'S composition blackboards—Beckley-Cardy Co., 312 W. Randolph, Chicago, Ill.
BECKTON WHITE lithopone—E. I. du Pont de Nemours & Co., Inc., Sales Dept. (Lithopone, Dry Colors & Pigments Sect.), Wilmington, Del.
BEDFORD hot water radiators—National Radiator Co., Johnstown, Pa.
BEDFORD screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
BED ROCK adjustable iron planes—Stanley Rule & Level Co., New Britain, Conn.
BEE babbitt metal and melting furnaces—Leddell Metals Co., 281 Borden av, Long Island City, N. Y.
BEE cotton mops—Estes Mills, Fall River, Mass.
BEE electric hair dryers & suction vacuum cleaners—Birtman Electric Co., Lake & Desplaines, Chicago, Ill.
BEECHER automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
BEECHER draft springs—Beecher Draught Spring Co., New Haven, Conn.
BEE HIVE urinal strainers—Milwaukee Brass Mfg. Co., 251 Laplan, Milwaukee, Wis.
BEE HIVE window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
BEEKMAN mercury testing columns—Geo. W. Helland, 107 W. 13th, New York
BEEKMAN plumbing specialties—Garrison Brass & Machine Wks, 107 W. 13th, New York
BEEKO electric bells—J. H. Bunnell & Co., 32 Park pl, New York
BEEMAN garden tractors—Beeman Garden Tractors Co., 311 6th av. S., Minneapolis, Minn.
BEERY bridle bits—Imperial Bit & Snap Co., Racine, Wis.
BEETLE insecticide dusters—Leggett & Bro., 301 Pearl, New York
BEGGS farm wagons—Beggs Wagon Co., Kansas City, Mo.

BEHRINGER gas main stoppers—Edw. A. Behringer, Inc., 98 Park pl, New York
BEILMAN-SEAMANS automatic water heaters—W. E. Beilman, Buffalo, N. Y.
BELAIR double heating stove—B. C. Bibb Stove Co., 109 Ligat, Baltimore, Md.
BELAND self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
BELCHER'S magazine cartridge loader tools—U. S. Cartridge Co., Lowell, Mass.
BELDEN rosin core solder—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
BELDENAMEL enameled & magnet—Belden Mfg. Co., 2316 Western av, Chicago, Ill.
BELDENITE flexible cords & rubber covered wire—Belden Mfg. Co., 2316 Western av, Chicago, Ill.
BELDING patternmakers' fillet—Shanafelt Mfg. Co., Canton, Ohio
BELFIELD clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
BELGIAN table lamps—Dressel Railway Lamp Works, 3860 Park av, New York
BELIEVE ME toilet paper holders—Mumford Paper Mills, Inc., Mumford, N. Y.
BELL air tire pumps & oil & grease guns—Pump & Mfg. Co., 78 Fort, E. Detroit, Mich.
BELL barrel creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
BELL drop hammers and steam hammers—Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
BELL dusters—S. Levy, 618 New Market, Phila., Pa.
BELL engine lathes—Bell Electric Motor Co., Garwood, N. J.
BELL fireproof & waterproof exterior paints—Acme Asbestos Covering & Supply Co., 230 N Elizabeth, Chicago, Ill.
BELL packing—Restin Clement Co., 133 N. 2nd, Phila., Pa.
BELL padlock locks—Slaymaker Lock Co., Lancaster, Pa.
BELLAMY mirrorscopes—Novelty Mfg. Co., Waterbury, Conn.
BELLE churns—J. McDermaid, Rockford, Ill.
BELLE CITY ensilage cutters, threshers & hand carts—Belle City Mfg. Co., Racine, Wis.
BELLE CITY fanning mills—Racine Implement Co., Racine, Wis.
BELLE CITY incubators & brooders—Belle City Incubator Co., Racine, Wis.
BELLE CITY threshers—International Harvester Co. of Am., Inc., Harvester bldg, Chicago, Ill.
BELLEFONTE lime—Palmer Lime & Cement Co., 103 Park av, New York
BELLEVILLE rice threshers—Harrison Mach. Works, Belleville, Ill.
BELLEVUE disc harrows & seeder attachments—Ohio Cultivator Co., Bellevue, Ohio
BELLEVUE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
BELL-FAST fish line sinkers—General Phonograph Corp., 25 W. 45th, New York
BELL'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
BELMONT hose—Restin Clement Co., 133 N. 2nd, Phila., Pa.
BELMONT hose & packing—Restin Clement Co., 133 N 2nd, Phila., Pa.
BELMONT lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BELMONT packing & steam hose—Belmont Packing & Rubber Co., 133 N. 2nd, Phila., Pa.
BELMONT pig iron—Wheeling Steel & Iron Co., Wheeling, W. Va.
BELMONT rubber horseshoe pads—Firestone Tire & Rubber Co., Akron, Ohio
BELOIT bending rolls, forming machy, shears & punches—Hendley & Whitmore Co., Beloit, Wis.
BELTEX belt preservative—Chicago Belting Co., 125 N. Greene, Chicago, Ill.
BELTFILLER belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York
BELT GRIP pulley covering—Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
BELTINE belt dressing—G. W. Gallaway, 322 Pearl, New York
BELTNOSLIP belt dressing—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
BELTZER autogenous welding—General Welding Co., Hoboken, N. J.
BEMAN oil cabinets, pumps, tanks & oil cans—Beman Automatic Oil Can Co., Meadville, Pa.
BEMCO automobile radiator covers, tennis racquet tire holders & mechanics' aprons—B. F. Mfg. Co., 18 W. 18th, New York
BEMIS sail cotton twine—Gulf Bag Co., 330 Notre Dame, New Orleans, La.
BEN-BOW desk telephone brackets—K. & B. Co., 497 N. 3rd, Phila., Pa.
BEN FRANKLIN GYPSUM LAND PLASTER fertilizer—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
BENCO sockets—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
BENDHICKS conduit fittings—Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
BENE-MEREIER rifles—Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
BENGAL hot air furnaces—Floyd-Wells Co., Royersford, Pa.
BEN-HUR metal polish—Ben-Hur Metal Polish Co., Crawfordsville, Ind.
BENJAMIN air rifles—Benjamin Air Rifle Mfg. Co., 613 N Broadway, St. Louis, Mo.
BENJAMIN blind hinges—Parker Wire Goods Co., Worcester, Mass.
BENJAMIN lumber load binders—American Logging Tool Co., Evart, Mich.

BENNET cable pullers & tile ditching machines—H. L. Bennet & Co., Westville, Ohio
BENNETT carbureters—Wilcox-Bennett Carbureter Co., 1030 Marshall, Minneapolis, Minn.
BENNETT curtain pole bracket & emery wheel dressers—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
BENNETT typewriters—Bennett Typewriter Co., Harrisburg, Pa.
BENNETT HANDY oil hole covers & cups, oil & grease cups—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
BENNINGTON scales—Bennington Scale Co., Bennington, Vt.
BENSEE compounds, core & parting—Bennett & Seeley, Inc., 833 Railroad av, Bridgeport, Conn.
BENSING brick cutting machinery—Fate-Root-Heath Co., Plymouth, Ohio
BENT FOOT plow stocks—S. R. White's Sons, Norfolk, Va.
BENTON radiator union nipple clutch—Jno. Simmons Co., 110 Centre, New York
BENZOIL lubricating oils—Oil City Oil & Grease Co., Oil City, Pa.
BERG brick press—Anderson Foundry & Machine Wks., Anderson, Ind.
BERGIE NATIONAL spark plug—Bergie National Spark Plug Co., 7th & 19th av, Rockford, Ill.
BERGOUGNAN rubber tires—Bergougnan Rubber Corp., Trenton, N. J.
BERGRADE automobile trunks—Berg Auto Trunk & Specialty Co., 400 Lafayette, New York
BERKELEY hydrated lime—Security Cement & Lime Co., Hagerstown, Md.
BERKSHIRE blast furnaces—Berkshire Iron Works, Chelsea, Mass.
BERKSHIRE foundry riddles, foundry vibrators & air squeezers—Berkshire Mfg. Co., Whitney Power blk, Cleveland, Ohio
BERKSHIRE refrigerators—Arlington Refrigerator Co., Arlington, Vt.
BERKSHIRE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.
BERLIN universal wood working machines—Schaefer Mfg. Co., Berlin, Wis.
BERLING telephone magneto—Ericsson Mfg. Co., Buffalo, N. Y.
BERLOY steel filing cases & lumber—Berger Mfg. Co., Dept. H, Canton, Ohio
BERMICO fibre pipe—Colonial Supply Co., Pittsburgh, Pa.
BERMICO roofing paper—Brown Co., Portland, Me.
BERMUDA warm air furnaces—Co-Operative Foundry Co., Rochester, N. Y.
BERMUDEZ asphalt cements & road asphalt—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
BERNARD bolt clippers, end cutting nippers, belt punches, ticket punches, & pliers & nippers—Wm. Schollhorn Co., New Haven, Conn.
BERNERS mucilage pencils—E. C. Berners, 1404 H 15th, Two Rivers, Wis.
BERNHARD hot water heaters & water tube boilers—Kanawha Mfg. Co., Charleston, W. Va.
BERRIGAN filter presses—J. J. Berrigan, Orange, N. J.
BERRIGAN filter presses—Worthington Pump & Machy. Corp., 115 Broadway, New York
BERRY box openers—Arcade Mfg. Co., Freeport, Ill.
BERRY damper regulators, feed water purifiers, feed water regulators, pump governors, safety water columns, tubular boilers & boiler feed pumps—Berry Engineering Co., Chester, Pa.
BERRY saddlery hardware & engine house hinges—Chas. E. Berry, Somerville, Mass.
BERRY water tube boilers—R. Wetherill & Co., Chester, Pa.
BERRYMAN feed water heaters—Patterson-Kelley Co., Church and Cortlandt, New York.
BERRYMAN feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.
BERRYMAN feed water heaters & purifiers—Pratt & Cady Co., Inc., Hartford, Conn.
BERTHA spelter—New Jersey Zinc Co., 160 Front, New York
BERTHOUD fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BERTRAM metal polish—N. J. Paint Works, Jersey City, N. J.
BERTSCH blue & black prints—Louis Frey & Co., 50 John, New York
BERWICK electric rivet heaters—Am. Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
BERWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
BERWYN lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BESAW QUALITY pneumatic tires—Besaw Tire & Rubber Co., Hartville, Ohio
BESCO baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.
BESLY disc, ring wheel & surface grinders, humidifying apparatus, magnetic chucks, polishing bands & feed tables—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BESSEMER gas engines & oil engines—Bessemer Gas Engine Co., Grove City, Pa.
BESSEMER oil cups—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
BESSEMER iron paints—Rinald Bros., 1142 N. Hancock, Phila., Pa.
BEST alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
BEST boatspar varnishes—Newark Varnish Works, 116 Delancey, Newark, N. J.
BEST can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
BEST coal chutes—National Mfg. Co., Sterling, Ill.

BEST coal chutes, cesspools, cistern covers, chimney caps & stock fountains—Sterling Foundry Co., Sterling, Ill.
BEST elevator & conveyor buckets—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
BEST file handles—Troy File Works, Troy, N. Y.
BEST flint paper—H. H. Barton & Son Co., 109 S. 3rd, Phila., Pa.
BEST floor finish—Newark Varnish Works, 111 Delancey, Newark, N. J.
BEST fountain pen clips—Ansonia Novelty Co., Ansonia, Conn.
BEST gasoline & kerosene oil lamps & hand lanterns—Best Light Co., 477 Second, N. E., Canton, Ohio
BEST potato diggers—Wabers Mfg. Co., Racine, Wis.
BEST sad iron handles—Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
BEST shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
BEST tractors—C. L. Best Gas Traction Co., Oakland, Cal.
BEST whip racks—John H. Best, Galva, Ill.
BEST BASS fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
BESTALLIC sheet packing, wick pkg.—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
BEST EVER metal polish — Endurance Autoil Co., Muncie, Ind.
BEST EVER oven thermometers—Electrical Appliance Mfg. Co., Waterbury, Conn.
BEST EVER plows—Moline Plow Co., Moline, Ill.
BEST EVER tank heaters—Kretchmer Mfg. Co., Council Bluffs, Ia.
BEST IN THE WORLD butchers blocks—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
BEST MAIDE bench grinders—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
BESTMETAL babbitt metal—Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
BESTO optical goods—Bay State Optical Co., Attleboro, Mass.
BESTOVALL apartment & residence garbage receiver —Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
BEST-OV-ALL shovels, spades & scoops, files & tool handles, packing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
BEST QUALITY brushes, clothes lines, dust cloths, dusters, cotton & polish mops, cotton rope, picture, spooled & stove pipe wire—E. H. Tate Mop & Cordage Co., 67 Sudbury, Boston, Mass.
BEST YET bath room fixtures & furnishings—Metal Crafters, E. Stroudsburg, Pa.
BEST YET pressed steel manheads—Lukens Steel Co., Coatesville, Pa.
BEST YET riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
BEST YET rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
BEST YET trucks—Turnbull Motor Truck & Wagon Co., Defiance, Ohio
BEST-YETTE varnish—Twin City Varnish Co., St. Paul, Minn.
BETA padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
BETARBEST babbitt metal—Ohio Metal Co., 1137 N. 4th, Columbus, Ohio
BETHAMY metallic gaskets—Metallo Gasket Co., New Brunswick, N. J.
BETHEL WHITE granite—Woodbury Granite Co., Hardwick, Vt.
BETHELL process of creosoted wood underground conduits—Michigan Pipe Co., Bay City, Mich.
BETHLEHEM gas engines, pumping engines & staybolt iron—Bethlehem Steel Co., South Bethlehem, Pa.
BETTS welding & cutting apparatus, sign flashers—Betts & Betts Corp., 513 W. 42d, New York
BETTY BRIGHT aluminum hollow ware—Massillon Aluminum Co., Massillon, Ohio
BE VE BE scythe—North Wayne Tool Co., Hallowell, Me.
BEVERLY pantry sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
BEVERLY ratchet clutch handles & wheels—John S. Baker, Beverly, Mass.
BEYER counter-current barometric condensers—Ingersoll-Rand Co., 11 B'way, New York
BIBB laundry stove & sanitary hot air furnaces—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
BICALKY air washers, roof ventilating fans & ventilators—Bicalky Fan Co., Buffalo, N. Y.
BI-CARS vehicles—W. J. Baker Co., Newport, Ky.
BICKFORD boring & turning & chucking machines—Bickford, H. & Co., Lakeport, N. H.
BICKNELL-THOMAS tapping chucks & machines—Bicknell-Thomas Co., Greenfield, Mass.
BICKNELL'S sanding & polishing machinery—Bicknell Mfg. & Supply Co., Janesville, Wis.
BICYCLE playing card—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio
BIDWELL bean threshers—Batavia Machine Co., Batavia, N. Y.
BIEDER grass catchers—Carl Hasseries, Central & Woodlawn av, Cleveland, Ohio
BIERCE cable rollers & guy anchors—Specialty Device Co., 106 W. 3rd, Cincinnati, Ohio
BIG-AN-LITTLE concrete mixers—Jaeger Machine Co., 490 Dublin av, Columbus, Ohio
BIG-BANG toy cannons—Toy Cannon Wks., Bethlehem, Pa.
BIG BEN alarm clocks—Western Clock Co., La Salle, Ill.
BIG BEN door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
BIG BEN vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
BIG BILL padlocks—Sargent & Co., New Haven, Conn.
BIG BULL tractors—Bull Tractors Madison Motors Corp., 620 S. 3rd, Minneapolis, Minn.
BIG CHIEF furniture polish & metal polish—American Chemical & Mining Co., Atlanta, Ga.
BIG FOUR plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
BIG FOUR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
BIG FOUR shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
BIG 4 barn door hangers—National Mfg. Co., Sterling, Ill.
BIG-4 corner brace—Diehl Novelty Co., Glen Beulah, Wis.
BIG GIANT cotton seed hullers—Diamond Huller Co., Winona, Minn.
BIG GIANT picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
BIG GIANT tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
BIG GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
BIG IOWA corn & cob mills—New Winona Mfg. Co., Winona, Minn.
BIG JOE rail benders—What Cheer Tool Co., What Cheer, Ia.
BIGELOW concrete inserts—Dayton Malleable Iron Co., Dayton, Ohio
BIGELOW-HORNSBY water tube boilers—Bigelow Co., New Haven, Conn.
BIGETON concrete sockets—Fred. Liebrich, Monadnock blk., Chicago, Ill.
BIGGS noiseless chain pumps—B. F. Biggs Pump Co., Lafayette, Ind.
BIHLMAIR massage vibrators—W. D. Allison Co., Indianapolis, Ind.
BILAND railway track drills—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
BI-LATERAL fire hose—Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.
BILCHACO enamels & cement floor coatings—Billings-Chapin Co., 1163 E. 40th, Cleveland, Ohio
BILL coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
BILLET cattle ties—Alexander Halter Factory, Alexandria, Ohio
BILLINGS wrenches—Billings & Spencer Co., Hartford, Conn.
BILLOW fuel oil atomizers, forges & appliances—Natl. Supply Co., 416 W Grand av, Chicago, Ill.
BI-LOOP hot water & steam radiators—Monitor Bi-Loop Radiator Co., Lancaster, Pa.
BILTON gear hobbing, riveting & slotting machines, vises—Bilton Machine Tool Co., Bridgeport, Conn.
BINGHAM machinists' & coach makers' vises—Prentiss Vise Co., 110 Lafayette, New York
BINGHAM self-grinding rotating gauge cocks—Wm. Povell Co., Cincinnati, Ohio
BINGHAM'S gauge cocks—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
BINGO alarm clocks—Western Clock Co., La Salle, Ill.
BINGO automobile snap fasteners—Crandal-Stone Division Brewer Titchener Corp., Binghamton, N. Y.
BINGO fly swatter—Lubbers & Bell Mfg. Co., Clinton, Ia.
BINKS vehicle washers, pneumatic spray brushes, white wash spraying machines & tire air pumps—Star Brass Works, 3114 Carroll av, Chicago, Ill.
BINKS CLEANALL blow guns—Star Brass Works, 3114 Carrol av, Chicago, Ill.
BINNE hard wax floor polish—Chas. H. Brown Paint Co., 262 Fulton, Brooklyn, N. Y.
BIR match safes—Barnes-Ross Co., Indianapolis, Ind.
BIRAM'S anemometers—B. K. Elliott Co., 126 6th, Pittsburgh, Pa.
BIRD-ARCHER boiler compounds—Bird-Archer Co., 90 West, New York
BIRD barn door hangers—S. B. Martin, Dalton, Ohio
BIRD cold water paints—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
BIRD rotary paper mill screens—Bird Machine Co., E. Walpole, Mass.
BIRDSELL farm wagons—Birdsell Mfg. Co., South Bend, Ind.
BIRMINGHAM pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
BIRMINGHAM rubber mill machinery—Birmingham Iron Foundry, Derby, Conn.
BIRMINGHAM sugar evaporators—Birmingham Mach. & Fdry. Co., 3700 H 10th, Birmingham, Ala.
BISHOP car coupling handles—Handlan-Buck Mfg. Co., 210-14 W. 3rd, St. Louis, Mo.
BISHOP time recorders—Bishop Calculating Recorder Co., 233 Broadway, New York
BISHOPRIC stucco & plaster boards—Bishopric Mfg. Co., 1453 Este av, Cincinnati, Ohio
BISHOPRIC'S SANTA MASTIC pitch—Bishopric Products Co., Spring Grove & Este av, Cincinnati, Ohio
BISMARCK German Portland cement—Hammill & Gillespie, 240 Front, New York
BISON belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BISON corn & cob mills—Wolf & Co., Chambersburg, Pa.
BISON valve grinding compounds—Swan-Finch Co., 165 Broadway, New York
BISSELL commutators, electric power generators, electric motors, switchboards & vacuum cleaners—F. Bissell Co., Toledo, Ohio.
BISSELL plow coulters—Ohio Cultivator Co., Bellevue, Ohio
BISSELL'S carpet sweepers & vacuum sweepers—Bissell Carpet Sweeper Co., Grand Rapids, Mich.

BITOUS packing—Allen Packing Co. (Est. of), Collingswood, N. J.
BITUFLEX asphalt—Canfield Oil Co., 3210 E 55th, Cleveland, O.
BITU-MORTAR waterproofing materials—Bitu-Mortar Waterproofing Co., 332 E. 27th, New York
BI-UNE interior telephones—Electric Goods Mfg. Co., Canton, Mass.
BIVOLT flaming arc lamps—Felix Hamburger Co., 404 4th av, New York
BIX cotton mops—Bix Janitor Supply Co., 116 N 9th, St. Louis, Mo.
BLACK buggy steel sheets—Whitaker, Glessner Co., Wheeling, W. Va.
BLACK BEAUTY currycombs—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
BLACK BIRD conveyor belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
BLACKBIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BLACKBORD cotton belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
BLACK BOY stove pipe enamels—Cambria Paint & Color Co., Ltd., Johnstown, Pa.
BLACKBURN ground connection clamps—Blackburn Specialty Co., 3409 Perkins av, Cleveland, Ohio
BLACKBURN guy clamps—Everstick Anchor Co., 1624 N. 8th, St. Louis, Mo.
BLACKBURN row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
BLACKCAT roofing cements & coatings—Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
BLACK CHAMPION axes—Dunn Edge Tool Co., Oakland, Me.
BLACK CHAMPION scythes—Dunn Edge Tool Co., Oakland, Me.
BLACK CROSS packing—Revere Rubber Co., Chelsea, Mass.
BLACK DAZZLE baking enamels—Boston Varnish Co., Everett Station, Boston, Mass.
BLACK DEVIL canvas stitched belting—National Belting Co., Elyria, Ohio
BLACK DIAMOND acidproof & alkali resisting paints—Carbon Paint Co., Felt bldg., Salt Lake City, Utah.
BLACK DIAMOND axle grease—World Refining Co., Easton, Pa.
BLACK DIAMOND belt dressing & belt fasteners—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio
BLACK DIAMOND belting—Acme Belting Co., Niles, Mich.
BLACK DIAMOND carbon paper & typewriter ribbons—Black Diamond Ribbon & Carbon Co., Rochester, N. Y.
BLACK DIAMOND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.
BLACK DIAMOND combination garment hanger—Dean & Williams Co., 4317 Elston av, Chicago, Ill.
BLACK DIAMOND core compounds—Black Products Co., 135th & Calumet, Chicago, Ill.
BLACK DIAMOND emery wheel dressers—J. L. Osgood Tool Co., Buffalo, N. Y.
BLACK DIAMOND files—G. & H. Barnett Co., 1076 Frederick av., Phila., Pa.
BLACK DIAMOND lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
BLACK DIAMOND mine hangers—Electric Railway Equipment Co., Cincinnati, Ohio
BLACK DIAMOND miners' safety lamps & mining picks—Hardsocg Mfg. Co., Ottumwa, Ia.
BLACK DIAMOND ovens—Roberts Portable Oven Co., 853 W. North av, Chicago, Ill.
BLACK DIAMOND packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
BLACK DIAMOND ready roofing—Barrett Co., 17 Battery pl, New York.
BLACK DIAMOND removable screw calks—Williams Drop Forging Co., Scranton, Pa.
BLACK DIAMOND shoe knives—Luck Mfg. Co., Brockton, Mass.
BLACK FLAG stove polish—John M. Wolf Co., 742 Flushing av, Brooklyn, N. Y.
BLACK GIANT paints—Swift Paint Co., 10550 Euclid av, Cleveland, O.
BLACK GIANT punch, shear & tire upsetter combined—Luther Mfg. Co., Olean, N. Y.
BLACK HAWK corn planters, drills, listers, clod crushers, manure spreaders & pulverizers—D. M. Sechler Implement & Carriage Co., Moline, Ill.
BLACK HAWK corn planters & manure spreaders—Oliver Chilled Plow Works, South Bend, Ind.
BLACK HAWK floor scrapers—Rock Island Mfg. Co., Rock Island, Ill.
BLACK HAWK hand shellers—A. H. Patch, Clarksville, Tenn.
BLACK HAWK lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BLACK HAWK packing—Revere Rubber Co., Chelsea, Mass.
BLACKHAWK socket wrenches—American Grinder Mfg. Co., 718 Poplar, Milwaukee, Wis.
BLACK HORSE toe-calks—Aetna Nut Co., Southington, Conn.
BLACK IMP ranges & stoves—Gray & Dudley Hdwe. Co., Nashville, Tenn.
BLACK JACK packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
BLACK JACK packing—Walsh Packing Co., 304 New, Philadelphia, Pa.
BLACK JACK stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
BLACK JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
BLACK KID stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
BLACK KNIGHT paints—National Roofing Co., Tonawanda, N. Y
BLACK LINE linen hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BLACKMAN blowers, fans & ship ventilating apparatus—Howard & Morse, 45 Fulton, New York
BLACKOLA shoe blacking & polishes—World Polish Mfg. Co., York, Pa.
BLACKROCK plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.
BLACK SEAL rubber hose—Home Rubber Co., Trenton, N. J.
BLACK SILK stove polish—Black Silk Stove Polish Works, Sterling, Ill.
BLACKSMOKE braided hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
BLACK SQUADRON packing—Cancos Mfg. Co., Garden & Bridge, Philadelphia, Pa.
BLACK STAR pump leather—C. F. Adams, P. O. Box 253H, Fort Worth, Texas.
BLACKSTONE clothes washing machines & wringers—Blackstone Mfg. Co., Jamestown, N. Y.
BLACKTHORN packing—Crandall Packing Co., Palmyra, N. Y.
BLACK TWIST auger bits—Job T. Pugh, 3101 Ludlow, Phila., Pa.
BLACK VELVET cushion springs—National Spring & Wire Co., Albion, Mich.
BLACK WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
BLADES gunmetal lacing studs—Manufacturers Belt Hook Co., 1321 W Congress, Chicago, Ill.
BLAIR firemen's axes—American Axe & Tool Co., Glassport, Pa.
BLAIR hog rings—Heesen Bros. Co., Tecumseh, Mich.
BLAIR hog rings—Wm. E. Pratt Mfg. Co., 55 W. Lake, Chicago, Ill.
BLAIR hog rings—F. P. Smith & Co., Sharon Hill, Pa.
BLAISDELL filter washing machines—Blaisdell Co., Pacific Electric bldg, Los Angeles, Cal.
BLAISDELL sewage ejectors—Blaisdell Machinery Co., Bradford, Pa.
BLAKE floor drains & cleanouts—Blake Specialty Co., Rock Island, Ill.
BLAKE insulated staples—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
BLAKE jaw crushers—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
BLAKE lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
BLAKE rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BLAKE rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.
BLAKE rock crushers—Phillips & McLaren, Stephen Girard bldg, Pittsburgh, Pa.
BLAKE rock crushers—Walker Mfg. Co., Denver, Colo.
BLAKE screw driver & gimlet bits—C. E. Jennings & Co., 71 Murray, New York
BLAKE vises—Prentiss Vise Co., 110 Lafayette, New York
BLAKER concrete cars—J. L. Blaker, Blaker Mills, W. Va.
BLAKE'S belt fastener—Greene, Tweed & Co., 109 Duane, New York
BLAKESLEE smoked beef shavers—G. S. Blakeslee & Co., W. 19th & S. 52d av, Chicago, Ill.
BLAKESLEE veneer cutting machy.—American Blakeslee Mfg. Co., Birmingham, Ala.
BLANCHARD churns—Hall Bros. Co., West Acton, Mass.
BLANCHARD oil engines & surface grinders—Blanchard Machine Co., Cambridge, Mass.
BLANCHARD tire detacher tools—A. W. Blanchard, 101 Liberty, Brooklyn, N. Y.
BLAWFORMS concrete forms—Blaw-Knox Co., Freeport rd, Hoboken, Pa.
BLAW-RANSOME concrete mixers—Blaw-Knox Co., Freeport rd, Hoboken, Pa.
BLAW self-dumping buckets—Blaw-Knox Co., Freeport rd, Hoboken, Pa.
BLAYZ paint & varnish—Blayz Paint & Varnish Co., The, 630-652 Spencer, Toledo, Ohio.
BLAZE furnaces—Tubular Hgt. & Ventg. Co., 232 H Quarry, Phila., Pa.
BLAZER salamanders—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
BLENIO PROCESS paints & varnish remover—Blenio Products Corp., 220 5th av, New York
BLESSING steam traps, valves & pump governors—Albany Steam Trap Co., Albany, N. Y.
BLEVNEY friction clutches—Production Machine Co., Greenfield, Mass.
BLIE LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
BLIGHTY decorative lights—C. D. Wood Electric Co., 441 Broadway, New York
BLISS dies, presses, sheet metal working machinery & special machinery—E. W. Bliss Co., 19 Adams, Brooklyn, N. Y.
BLISS-CONSOLIDATED presses & sheet metal working machinery—E. W. Bliss Co., 19 Adams, Brooklyn, N. Y.
BLISS-STILES presses & sheet metal working machinery—E. W. Bliss Co., 19 Adams, Brooklyn, N. Y.
BLITZ kitchen knives—Washington Cutlery Co., Watertown, Wis.
BLITZ paint & varnish remover—Eugene Arnstein, 3433 S Racine av, Chicago, Ill.
BLITZGER transformers—Clapp-Eastham Co., Cambridge, Mass.
BLIZZARD ensilage cutters, fodder cutters, feed carriers, etc.—Jos. Dick Mfg. Co., Canton, Ohio
BLIZZARD hay knives—Dunn Edge Tool Co., Oakland, Me.

BLIZZARD ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
BLIZZARD insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
BLIZZARD water coolers—Standard Stamping Co., Broadway & Chambers, St. Louis, Mo.
BLOCK gas & oil stoves—I. Block & Son, 393 Pearl, New York
BLOCKI garden cultivators & clover bunchers—F. Blocki Co., Sheboygan, Wis.
BLOCK LINE garden hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BLOOD turret lathes—S. A. Woods Machine Co., 27 Damrell, Boston 27, Mass.
BLOOD'S axes—American Axe & Tool Co., Glassport, Pa.
BLOOD'S waterproofing materials—T. L. Blood & Co., 413 Wacouta, St. Paul, Minn.
BLOOMFIELD belting & packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
BLOUNT gasoline engines—Blount Engineering Co., 100 High, Boston, Mass.
BLOUNT potato diggers—Blount Plow Works, Evansville, Ind.
BLOUNT IMPROVED door checks—Worcester Mfg. Co., Worcester, Mass.
BLOWER ensilage cutters—Silver Mfg. Co., No. 256, Salem, Ohio
BLUE BELL dry batteries—Western Electric Co., 463 West, New York.
BLUE BELL suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BLUE BIRD clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
BLUE BIRD electric clothes washer—Davis Sewing Machine Co., Dept. H, Dayton, Ohio
BLUE BIRD rubber belting—New York Rubber Co., Reade & Church, New York
BLUE BLOOD packing—Chas. L. Ireson, 221 High, Boston, Mass.
BLUE CENTER steel rope—John A. Roebling's Sons Co., Trenton, N. J.
BLUE CLIP crucible tool steels—Firth-Sterling Steel Co., McKeesport, Pa.
BLUE DIAMOND sheet packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
BLUE EDGE brake linings—Woven Steel Hose & Rubber Co., Trenton, N. J.
BLUE END open hearth steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
BLUE GRASS axle grease—Indian Refining Co., 244 Madison av, New York
BLUE JAY brush breaker plows—Parlin & Orendorff Co., Canton, Ill.
BLUE LABEL safety fuse & miners' squibs—du Pont de Nemours & Co., E. I., Wilmington, Del
BLUE LABEL spring wire—Webb Wire Works, New Brunswick, N. J.
BLUE LINE logging tools—American Logging Tool Co., Evart, Mich.
BLUE LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
BLUE RIBBON belt dressing—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
BLUE RIBBON belt dressing, rope dressing, wire rope coating & lubricant—Jobbers' Mfg. Co., 327 S. La Salle, Chicago, Ill.
BLUE RIBBON cleanable collars & cuffs—Arlington Wks. (E. I. du Pont de Nemours & Co.), Wilmington, Del.
BLUE RIBBON corn brooms—Chas. Plunkett, 205 Duane, New York
BLUE RIBBON grass hooks—Dunn Edge Tool Co., Oakland, Me.
BLUE RIBBON kitchen enameled ware—National Enameling & Stamping Co., 411 5th av, New York
BLUE RIBBON metal polish, stove polish & automobile soap—International Metal Polish Co., Quill & Belt Ry av, Indianapolis, Ind.
BLUE RIBBON trunks—Tuttle & Clark, 187 E. Jefferson, Detroit, Mich.
BLUE RIBBON woven wire fences & wire poultry netting—Keystone Steel & Wire Co., Peoria, Ill.
BLUE RIVER lime—Louisville Cement Co., 315 H Guthrie, Louisville, Ky.
BLUE RIVER lump lime—Louisville Cement Co., Louisville, Ky.
BLUE ROCK laundry tubs—New Haven Granite Works, New Haven, Conn.
BLUE ROCK shooting traps—Chamberlain Cartridge & Target Co., 514 Prospect av, Cleveland, Ohio
BLUE SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
BLUE SEAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
BLUE SEAL rock wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
BLUE SEAL white lead—Wm. Waterall & Co., Camden, N. J.
BLUESKIN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
BLUE STAR corn planters, pumps & windmills—Wistrand Mfg. Co., Galva, Ill.
BLUESTONE kitchen enameled ware—John Dunlap Co., Carnegie, Pa.
BLUE VELVET buckskin lace leather—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
BLYSTONE concrete mixers—Blystone Mfg. Co., Cambridge Springs, Pa.
BOARDMAN pump governors—Locke Regulator Co., Salem, Mass.
BO-ARROW galvanized cross arms—Hubbard & Co., Pittsburgh, Pa.
BOB laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
BOB WHITE hay revolving rakes—Ohio Rake Co., Dayton, Ohio
BOB WHITE toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
BOCK automobile & bearings—Standard Parts Co., Hickox bldg, Cleveland, Ohio
BOCORSELSKI universal joints—Bausch Machine Tool Co., Springfield, Mass.
BODDEN flyers — Thos. Mayor & Son, 26 Olney, Providence, R. I.
BODE farm wagons—Bode Wagon Co., 1655 Central av, Cincinnati, Ohio
BOGART pianos & player pianos—Bogart & Co., 5 Canal pl, New York
BOHN dining car refrigerators & ice breakers—Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
BOHNITE case hardening compound—Springfield Facing Co., Springfield, Mass.
BOILERINE boiler compounds—Straus Boilerine Co., 50 Church, New York
BOIS D' ARC insulator pins & brackets—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
BOKERS' automatic razor stroppers—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
BOKO pails & buckets, collapsible—Defiance Welding Co., Defiance, Ohio
BOKOP tire heating furnaces & tire setters—Bokop, Webb & Palm, Defiance, Ohio
BOLAND all steel bushed roller chains & sugar cane carrier feeders—Boland Mach. & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
BOLAND positive pressure blowers, centrifugal dryers, ventilating fans, polishing machines, vacuum pumps, sand blast machines, dust collectors, lathes and burnishing machines—J. H. Astle Co., 118 Orange, Providence, R. I.
BOLGER grease traps—Success Mfg. Co., Gloucester, Mass.
BOLINDERS meat & food choppers, saw mill & wood working machinery—Bolinders Co., 30 Church, New York
BOLIVIAN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
BOLLES reversible window sash—Aerial E. Bolles, 52 Duane, New York
BOLTE concrete mixers—Bolte Mfg. Co., Kearney, Neb.
BOLTON band saw patch & saw filing machinery—Baldwin, Luth & Bolton, Grand Rapids, Mich.
BOLTON cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
BOLTON hot water heaters—Detroit Heating & Lighting Co., Lieb & Wight, Detroit, Mich.
BONANZA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
BONANZA fanning mills—Twin City Separator Co., 29th & Colfax av, Minneapolis, Minn.
BONANZA fruit & vegetable parers—Goodell Co., Antrim, N. H.
BONANZA gasoline blast furnaces—Turner Brass Works, Sycamore, Ill.
BONANZA harrows—Madison Plow Co., Madison, Wis.
BONANZA harrows—Rock Island Plow Co., Rock Island, Ill.
BONANZA lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
BONANZA BADGER lubricators—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BONAR gauge cocks—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BOND—journal bearings—Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
BOND CROWN corks, caps & tubes—Bond Mfg. Co., Wilmington, Del.
BONDKOTE waterproofing materials—Thompson & Co., 857 W. North av, N. S., Pittsburgh, Pa.
BONE BLACK water filter—Everson Filter Co., 70 W. Lake, Chicago, Ill.
BONHAM tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
BONITA carpet nails—Milwaukee Tack Co., 27th & Wahlav, Milwaukee, Wis.
BONNELL'S stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
BONNER cement—Bonner Portland Cement Co., Kansas City, Mo.
BONNER life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
BONNEY hollow augers—Buckeye Mfg. Foundry Co., 2046 W. 55th, Cleveland, Ohio
BONNEY hollow augers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
BONNEY visesh & wrenches—Bonney Forge & Tool Wks., Allentown, Pa.
BONNEY BLUE lead pencils—American Lead Pencil Co., 220 5th av, New York.
BONNIE hammer handles—American Handle Co., Jonesboro, Ark.
BONNOZ embroidery machines—Durbrow & Hearne Mfg. Co., 12 Wooster, New York
BON TON hot water radiators—South Park Foundry & Machine Co., St. Paul, Minn.
BONZANO rail step joints—Q. & C. Co., 90 West, New York
BOOLS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
BOOMER grass catchers—R. F. Krause, Zion City, Ill.
BOOMER hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.
BOOMER hot air furnaces & steel ranges—Hess, Snyder Co., Massillon, Ohio
BOONE cement & wood fibre wall plaster—Southern Gypsum Co., North Holston, Va.
BOOSEY'S catch basin covers & water closet bends—Greenwood Mfg. Co., 5140 Greenwood, Detroit, Mich.
BOOSTER fish bait—J. G. Henzel, 4153 W Van Buren, Chicago, Ill.

BOOTH stock fountains—Maytag Co., Newton, Ia.
BORAX-ETTEE welding compounds—Cortland Welding Compound Co., Cortland, N. Y.
BORCHERDT fishing tackle boxes—Wilson F. Cortez Co., 159 W. Lake, Chicago, Ill.
BORCHERDT fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.
BORDEAU bucket spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
BORDEAUX spray nozzle—Deming Co., Salem, Ohio
BORDEAUX spray nozzles—F. E. Meyers & Bro., 900 4th, Ashland, Ohio
BORDEAUX water tube boilers—Toledo Shipbuilding Co., Toledo, Ohio
BORDEN'S grab hooks—Wallingford Mfg. Co., Wallingford, Vt.
BORDO swing joints, feed water regulators, water columns & valves—L. J. Bordo Co., 12th & Thompson, Phila., Pa.
BORGESON universal joints—Borgeson Mfg. Co., Inc., Monroe, Torrington, Conn.
BORON foundry flux—American Boron Products Co., Reading, Pa.
BOREAS air drill hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
BORO-SILICA glass insulators—Lock Insulator Mfg. Co., Victor, N. Y.
BORTHWICK saw sharpening machines—Henry Disston & Sons, Tacony, Phila., Pa.
BOSALT boiler compounds—Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
BOSCH gas igniters—Bosch Magneto Co., 223 W. 46th, New York
BOSCH igniters—Am. Bosch Magneto Corp., Springfield, Mass.
BOSCO automobile lubricators—Beereis & Bossich Co., Div. of the Bossich Co., Bridgeport, Conn.
BOSLEY'S weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.
BOSON engine lubricators—Wm. Powell Co., Cincinnati, Ohio
BOSS bath & basin traps—Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
BOSS bed & furniture casters—Tucker & Dorsey Mfg Co., Indianapolis, Ind.
BOSS boring machines—Hardware Specialty Mfg. Co., Anderson, Ind.
BOSS brick dryers—John C. Boss Co., Elkhart, Ind.
BOSS bucket pumps—B. F. Biggs Pump Co., Lafayette, Ind.
BOSS clothes washing machines—Boss Washing Machine Co., Cincinnati, Ohio
BOSS dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.
BOSS feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
BOSS floor scrapers—Geo. J. Kepplinger, Dwight, Ill.
BOSS gas engines, self-feeders & steam traction engines—Russell & Co., Massillon, Ohio
BOSS gas ranges & ovens—Huenefeld Co., Cincinnati, Ohio
BOSS gasoline engines—Walker Mfg. Co., Council Bluffs, Iowa
BOSS grain car loaders—Maroa Mfg. Co., Maroa, Ill.
BOSS hame fasteners—American Mfg. Co., Chattanooga, Tenn.
BOSS harrows—Anderson Company, 2324 University av, St. Paul, Minn.
BOSS harrows—Madison Plow Co., Madison, Wis.
BOSS hay carriers—Strickler Hay Tool Co., Janesville, Wis.
BOSS heel building machines—United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
BOSS horse back bands — Couch Bros. Mfg. Co., Atlanta, Ga.
BOSS horse collar pads—Curtis-Dexter Co., Madison, Wis.
BOSS horse shoes—Mfrs. Iron & Steel Co., New Brunswick, N. J.
BOSS hose coupling—Dixon Valve & Coupling Co., 11th & Race, Phila., Pa.
BOSS joist anchor timber caps & wall plugs—Church Appliance Mfg. Co., La Salle, Ill.
BOSS lawn swings—Thos. K. Barley, Sedalia, Mo.
BOSS lawn & garden rollers & wagon jacks—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
BOSS leather aprons—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
BOSS lemon squeezers—A. C. Williams Co., Ravenna, Ohio
BOSS metal key faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
BOSS ore sacks—Colorado Tent & Awning Co., Denver, Colo.
BOSS outlet, locknut bushings & pipe caps—Belcher & Loomis Hdw. Co., 89 Weybosset, Providence, R. I.
BOSS outlet & locknut bushings—Electrical Specialty Mfg. Co., 49 Beaufort, Providence, R. I.
BOSS peanut roasters—Bartholomew Co., Peoria, Ill.
BOSS plows—Collins Plow Co., Quincy, Ill.
BOSS riding listers—Peru Plow & Wheel Co., Peru, Ill.
BOSS road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
BOSS rubber washers—Combination Rubber Mfg. Co., Bloomfield, N. J.
BOSS shingle mill machinery—Davis Fdry. & Machine Works, Rome, Ga.
BOSS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
BOSS spring tooth attachments—G. A. Kelly Plow Co., Longview, Tex.
BOSS step ladders & flag pole fixtures—John Driver, San Leandro, Cal.
BOSS sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.
BOSS tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
BOSS tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
BOSS vises—Athol Mach. & Foundry Co., Athol, Mass.
BOSS HICKEY conduit benders—M. B. Skimer Co., 562 W. Washington, Chicago, Ill.
BOSTON ash sleves—Parker Wire Woods Co., Worcester, Mass.
BOSTON AUTO & adjustable automobile wrenches—Boston Auto Wrench Co., 31 State, Boston, Mass.
BOSTON barrel swings—Penn Hardware Co., Reading, Pa.
BOSTON bean & pea planters—Moline Plow Co., Moline, Ill.
BOSTON blind & shutter fasteners—Stanley Works, New Britain, Conn.
BOSTON blow-off tanks—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON cleanouts—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON cocks & bibbs—Peck Bros. & Co., New Haven, Conn
BOSTON cut racks; grooved pulleys, gears—Boston Gear Works, Quincy, Mass.
BOSTON electric cable hangers—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
BOSTON electric wire cutters—H. K. Porter, Everett, Mass.
BOSTON gears—Boston Gear Wks., Norfolk Downs, Quincy, Mass.
BOSTON hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.
BOSTON goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
BOSTON grease traps—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON heel plates—Louis Sacks, Inc., Wilson av, Newark, N. J.
BOSTON incandescent renewed lamps—Boston Economy Lamp Division, 43 Hospital, Providence, R. I.
BOSTON organ motors—F. E. Whitney, 65 Sudbury, Boston, Mass.
BOSTON packing & gauge glass cutters—A. W. Chesterton Co., 64 India, Boston, Mass.
BOSTON paint & varnish remover—Boston Varnish Co., Everett Station, Boston, Mass.
BOSTON pencil sharpeners—Boston Specialty Corp., 261 Broadway, New York
BOSTON plasters, compounds—Standard Chemical & Supply Co., 172 2nd, East Cambridge, Mass.
BOSTON pressure regulators—Geo. E. Gilchrist Co., 106 High, Boston, Mass.
BOSTON range boilers—Dahlquist Mfg. Co., 40 W. 3rd, S. Boston, Mass.
BOSTON rubber hose & belting—Boston Belting Co., 84 Linden Park, Boston, Mass.
BOSTON sand mixing machines—Barbour Stockwell Co., Cambridge, Mass.
BOSTON self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
BOSTON sink brackets—Joseph H. Young Co., 82 High, Boston, Mass.
BOSTON sink strainers—Wickwire-Spencer Steel Corp., Worcester, Mass.
BOSTON stoves—Chilson Furnace Co., Mansfield, Mass.
BOSTON tire benders—Butts & Ordway Co., 33 Purchase, Boston, Mass.
BOSTON trace trimming machines—Campbell-Bosworth Machine Co., 205 Lincoln, Boston, Mass.
BOSTON water filter & water coolers—Boston Filter Co., Chelsea, Mass.
BOSTON whisk brooms—Halsted Brush Co., 71 Park pl, New York
BOSTON FIRE JACKET cotton & fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON FORE & AFTER WASH automatic water closet tanks—Jos. H. Young Co., 82 High, Boston, Mass.
BOSTON GIANT park sprinklers—Spray Engn'g Co., 60 High, Boston, Mass.
BOSTON PATTERN row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
BOSTON TERRIER rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON STAR white & red lead—Chadwick-Boston Lead Co., Boston, Mass.
BOSTON UNIVERSAL filing machines—Boston Tool & Mfg. Co., 262 Dover, Boston, Mass.
BOSTROM levels—Bostrom-Brady Mfg. Co., Atlanta, Ga.
BOSTWICK belting & rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
BOSTWICK metal lath, steel corner beads, wall plugs, & wall ties—Bostwick Steel Lath Co., Niles, Ohio
BOULET'S test indicators—Jos. H. Boulet, Sebago Lake, Me.
BOULTON'S improved pitless hopper scales—Dayton Pitless Scale Co., Dayton, Ohio
BOULT'S dovetail machines—American Steam Pump Co., Battle Creek, Mich
BOUND BROOK graphite bearings & washers—Bound Brook Oil-Less Bearing Co., Bound Brook, N. J.
BOURBON strain insulators—Creaghead Engng. Co., 340 Main, Cincinnati, Ohio
BOURDON steam gauge springs—A. H. Wells & Co., Waterbury, Conn.
BOURGEOIS feed water heaters—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
BOVEE compound radiator & hot air furnaces—Bovee Furnace Works, Waterloo, Ia.
BO-WAC pipe joint cement—H. A. Desper, 40 Shelby, Worcester, Mass.

BOW HOLD FAST rests—Thomson Mfg. Co., Watertown, Mass.
BOW IDEAL garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
BOWDEN wire mechanism—Gwilliam Co., The, 23 Flatbush av, Brooklyn, N. Y.
BOWER sewer gas traps—Monarch Brass Co., Cleveland, Ohio
BOWER BARFF builders' rustless hardware—Yale & Towne Mfg. Co., Stamford, Conn.
BOWES fire hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
BOWES hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
BOWES pneumatic hose couplings & air drill hose—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
BOWLIN'S FEATHERWEIGHT ice creepers—J. M. Warren & Co., Troy, N. Y.
BOWLUS joist drills—Bowlus Mfg. Co., Springfield, O.
BOWMAN coffee percolators—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio
BOWMAN ditcher & grader—T. W. Snow Construction Co., 117 N. Dearborn, Chicago, Ill.
BOWMAN railroad ditching machines—United Iron Works, Inc., Kansas City, Mo.
BOWSER wire cloth racks—R. M. Bowser & Son, Renfrew, Pa.
BOWSHER corn mills & speed indicators—N. P. Bowsher Co., South Bend, Ind.
BOX padlocks—Slaymaker Lock Co., Lancaster, Pa.
BOX switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
BOX, WM. A. (The), Iron Works Co., mining & sugar machy., 309 Blake, Denver, Colo.
BOXITE abrasive discs—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BOXWOODENE desk rules—Up-to-Date Advertising. Canisteo, N. Y.
BOYD brick presses—Chisholm, Boyd & White Co., 57th & Wallace, Chicago, Ill.
BOYD chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa
BOYD pig iron—Ashland Iron & Mining Co., Ashland, Ky.
BOYDEN sight feed lubricators—McNab & Harlin Mfg. Co., 55 John, New York
BOYD GENUINE zinc fruit jar caps—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BOYD'S pole snaps—Chas. E. Berry, Somerville, Mass.
BOYEO galvanized ware—Boyle Mfg. Co., 5100 H Santa Fe av, Los Angeles, Cal.
BOYER pneumatic heading, chipping & calking & riveting hammers, drills, pneumatic pile drivers, sand reamers, speed indicating hammers, scaling hammers, stone carving & cutters' tools, stone surfacing & wood boring machines—Chicago Pneumatic Tool Co., 6 E. 44th, New York, N. Y.
BOYERS nay carriers & gliding settees—Goshen Mfg. Co., Goshen, Ind.
BOYLSTON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BOYLSTON packing & pump governors—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
BOYLSTON steam traps—Western Kieley Steam Specialty Co., 116 W. Illinois, Chicago, Ill.
BOYLSTON valves—Boylston Steam Specialty Co., 116 W. Illinois, Chicago, Ill.
BOYNTON steam & hot water heaters—Boynton Furnace Co., 106 W. 37th, New York
BOYNTON warp spools—U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
BOY SCOUT garden cultivators—Empire Plow Co., 3140 E. 65th, Cleveland, Ohio
BRACE roof snowguards—Hamblin & Russell Mfg. Co., Worcester, Mass.
BRADDOCK rail joints—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
BRADFORD coal breaker machinery, coal & coke crushers—Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
BRADFORD cotton softeners—Arabol Mfg. Co., 100 William, New York
BRADFORD draft gear—Bradford Draft Gear Co., Atlanta, Ga.
BRADFORD fire extinguishers—National Inspection Co., 1617 Sansom, Phila., Pa.
BRADLEY BALL marking pots—A. J. Bradley Mfg. Co., 101 Beekman, New York
BRADLEY carriage shaft couplers—C. C. Bradley & Son, Syracuse, N. Y.
BRADLEY gas producers—Duff Patents Co., Frick bldg., Pittsburgh, Pa.
BRADLEY HERCULES grinding mill—Bradley Pulverizer Co., 92 State, Boston, Mass.
BRADLEY hinges, hooks & shelf brackets—Atlas Mfg. Co., New Haven, Conn.
BRADLEY pattern knives—Jas. Swan Co., Seymour, Conn.
BRADLEY stencil machines—A. J. Bradley Mfg. Co., 101 Beekman, New York.
BRADLEY HERCULES MILLS pulverizing machy.—Bradley Pulverizer Co., Allentown, Pa.
BRADLEY THREE ROLL grinding mill—Bradley Pulverizer Co., 92 State, Boston, Mass.
BRADLEY THREE ROLL MILL pulverizing machy.—Bradley Pulverizer Co., Allentown, Pa.
BRADY drinking fountains—Prier Brass Mfg. Co., Kansas City, Mo.
BRADY junction boxes—Brady Electric Mfg. Co., New Britain, Conn.
BRADY'S brass irons—Brady Electric Mfg. Co., New Britain, Conn.
BRADY'S tobacco shears & socket wedges—Jno. B. Black Co., Chester, Pa
BRAINARD pulverizing machines—Midland Crusher-Pulverizer Co., 37 W. Vanburen, Chicago, Ill.
BRAMCO asbestos materials—Baltimore Roofing & Asbestos Mfg. Co., Asbestos, Md.
BRAMMER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
BRAMWELL feeds—Wm. C. Clark, Dept. H, Franklin, Mass.
BRAMWELL feeds—Geo. S. Harwood & Son, Exchange bldg., Boston, Mass.
BRAND sash operating device & ventilating apparatus—J. S. Thorn Co., 20th & Allegheny av, Phila., Pa.
BRANDEN rubber pump valves—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
BRANDES tool grinders—Springfield Mfg. Co., Bridgeport, Conn.
BRAND NEW emery grinders—Edwin A. Newton, 310 N. 4th, Philadelphia, Pa.
BRANDON sheet packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
BRANDT automatic cashier coin machines for paying change—Brandt Cashier Co., 1132 Wabash av, Chicago, Ill.
BRANDT potato & pump spray sprayers—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
BRANDY fibre cleaning machines—Samuel Smith Machine Co., Lawrence, Mass.
BRANNAN paper folding machines—Dillon Mach. Co., Lawrence, Mass.
BRASCOLITE lighting fixtures—Luminous Unit Co., St. Louis, Mo.
BRASCOTT freight car ladders—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
BRAS-ETCH advertising signs, calenders, novelties & specialties—National Art Wks., Covington, Ky.
BRASS BRIGHT metal polish—Manufacturers' Oil & Grease Co., Century bldg, Cleveland, O.
BRASSBRITE metal polish—Sherwin-Williams Co., Cleveland, Ohio
BRASSCRAFTERS bath room fixtures, tumbler holders, bathtub seats, metal frame mirrors, towel bars, medicine cabinets & needle & shower baths—J. P. Eustis Mfg. Co., Cambridge, Mass.
BRASSITE sheet packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
BRASS KING metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
BRASS KOTE enamels—Northwestern Chemical Co., Marietta, Ohio
BRASS-NU metal polish—Nu Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.
BRAUER acetylene gas machines—Brauer Acetylene Lighting Co., Marshalltown, Ia.
BRAUN centrifugals—Braun Electric Mfg. Co., Canal Dover, Ohio
BRAUN crucible muffle & bullion furnaces, ore samplers, hydro-carbon burners, laboratory crushers, pulverizers—Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
BRAY gas burners—Wm. M. Crane Co., 16 W. 32d. New York.
BRAYMAN drain boxes & floor drains—Jiffy Fire Hose Rack Co., 725 7th av, New York
BRAZIL underground conduits—Brazil Hollow Brick & Tile Co., Brazil, Ind.
BRAZIL wrought iron turnbuckles—Republic Iron & Steel Co., Youngstown, Ohio
BRAZILIAN glue—Wood & Hare, 66 Leonard, New York.
BRAZIRON brazing compounds—A. & J. Mfg. Co., 559 W. Lake, Chicago, Ill.
BREAKLESS stay bolts—Flexible Bolt Co., Thompson av, Pittsburgh, Pa.
BREAK NOT hydrometer—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.
BRECHT fertilizer dryers, evaporators & spice mills—Brecht Co., 1201 Cass av, St. Louis, Mo.
BRECKENRIDGE automatic air valves—H. B. Smith Co., Westfield, Mass.
BREEK-BLOCK spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
BREEZE gasoline strainers—Breeze Carbureter Co., 250 South, Newark, N. J.
BREMEN pumping engines—Bremen Mfg. Co., Bremen, Ohio
BRENLIN shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
BRETAND Bessemer converters—J. V. Bretand, W. Gd. blvd, Detroit, Mich.
BREVIS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BREWICE paints for coating ice cans, brine tanks & ammonia pipes—Nubian Paints & Varnish Co., 1856 Leclair av, Chicago, Ill.
BREWSTER carriage fasteners—C. Cowles & Co., New Haven, Conn.
BRICKENSTEIN rural mail boxes—Brickenstein, I. B., Winston-Salem, N. C.
BRIDGEPORT air tire pumps—Bridgeport Brass Co., Dept. H, Bridgeport, Conn.
BRIDGEPORT foundry molding machines & molders' flasfls—Bridgeport Die & Machine Co., Bridgeport, Conn.
BRIDGEPORT paint & varnish remover—Bridgeport Wood Finishing Works (Du Pont)), Phila., Pa.
BRIDGEPORT putty knives—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
BRIDGMAN expansion joints, unions, vacuum valves, etc.—Bridgman Bros. Co., 131 S. 31st, Phila., Pa.
BRIEN hot air furnaces—Brien Heater Co., Westfield, Mass.
BRIER HILL malleable pig iron—Brier Hill Steel Co., Youngstown, Ohio

BRIGGS wrenches—Bemis & Call Hardware & Tool Co., Springfield, Mass.
BRIGGS-MILLER milling machines—Gooley & Edlund, Cortland, N. Y.
BRIGHT EYE lanterns—Burchwell Mfg. Co., Pontiac bldg., St. Louis, Mo.
BRIGHT IDEA steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
BRIGHTON fruit presses, cherry stoners, nut crackers, lemon squeezers, spice mills, tack hammers, tobacco counter cutters, ice shredders & clothes lines pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
BRIGHTON horse nails—Standard Horse Nail Co., New Brighton, Pa.
BRIGHTON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BRIGHTON shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.
BRILL snowplows—J. G. Brill Co., 62d & Woodland av, Phila., Pa.
BRILLIANT IDEAL clothing wardrobes & show cases —M. L. Himmel & Son, 113 Gay, Baltimore, Md.
BRILLIANT metal polish—F. M. Trafton Co., 176 Federal, Boston, Mass.
BRILLIANTONE talking machine needles—United Music Stores, 619 H Cherry, Phila., Pa.
BRILLIANTSHINE metal polish—E. W. Bennett & Co., 2000 16th W., San Francisco, Cal.
BRILLIANTINE enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
BRILLION gasoline engines & clod crushers—Moline Plow Co., Moline, Ill.
BRIMO adjustable drawing table—Fred'k Post Co., 202 S. Clark, Chicago, Ill.
BRINELL hardness testing machines—Pittsburgh Instrument & Machine Co., 236 3d av, Pittsburgh, Pa.
BRINELL hardness testing machines, meters—Holz & Co., Inc., 18 Madison av, New York
BRINELL hardness testing instruments & machines—Sauveur & Boyleston, Cambridge, Mass.
BRISAM boiler compounds—British-American Chemical Co., Paterson, N. J.
BRISBEN emery wheel dressers — Cleveland Flue Cleaner Mfg. Co., 321 Frankfort av, N. W., Cleveland, Ohio
BRISBEN emery wheel dressers—Osborn-Crew Mfg. Co., 1628 E. 39th, Cleveland, Ohio
BRISTO safety set screws—Bristol Co., Waterbury, Conn.
BRISTOL clothes lines—Estes Mills, Fall River, Mass.
BRISTOL counting machines & revolution counters—Chas. J. Root, Bristol, Conn.
BRISTOL lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
BRISTOL lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
BRISTOL pig iron—Virginia Iron, Coal & Coke Co., Roanoke, Va.
BRISTOL rubber hose & packing—National India Rubber Co., Bristol, R. I.
BRISTOL steel fishing rods—Horton Mfg. Co., Bristol, Conn.
BRISTOL CARPENTER screw drivers—Turner & Deegan, Bristol, Conn.
BRISTOL'S belt fasteners, thermometers, pressure gauges, time recorders, planimeters & heat regulators—Bristol Co., Waterbury, Conn.
BRISTOL'S store trucks—Thos. Packer, Union City, Conn.
BRITE LITE miners' safety lamps—Harker Mfg. Co., 121-123 W. Third, Cincinnati, Ohio
BRITELITE trouble finding automobile lamps—American Enamel Co., Providence, R. I.
BRITTON evener regulators—Saco-Lowell Shops, Boston, Mass.
BROACH-WELL push broaches, key seating & slotting cutters, broaching machines, cutters key-way, broaching presses—Velco Mfg. Co., Inc., 305 Wells, Greenfield, Mass.
BROACH-WELL KEY WAY SET key seating machines —Velco Mfg. Co., Inc., 305 Wells, Greenfield, Mass.
BROADBENT & BRIGHAMS hosiery winders—Arthur A. Brigham, Old South bldg, Boston, Mass.
BROADCAST fertilizer distributors—Richardson Mfg. Co., Worcester, Mass.
BROCKTON mop wringers—Brockton Mop Wringer Co., Brockton, Mass.
BROCKTON shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
BRO-GAR spark plugs—Brockett-Gorham Co., Marion, Ohio
BROHARD door stops & ventilating sash locks—Brohard Co., 3rd & Lehigh, Phila., Pa.
BRONCHO concrete mixers—Lansing Co., Lansing, Mich.
BRONCHO BRAND lariates—Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
BRONCHO leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
BRONCHO rubber hose & belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
BRONX ball cocks—Boston Brass Co., 135 Bacon, Waltham, Mass.
BRONX stoves—Union Stove Works, 70 Beekman, New York
BRONZE BALL rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BRONZEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.
BRONZOLIN bronze powder & bronzing liquid—U. S. Bronze Powder Wks., Inc., 220 W. 42d, New York
BROOKE pig iron—E. & G. Brooke Iron Co., Birdsboro, Pa.
BROOKLYN Bridge cement—Consolidated Rosendale Cement Co., 50 Church, New York
BROOKLYN flint, sand & emery paper—Herman Behr & Co., 61 Broadway, New York
BROOKLYN fry pans—New York Stamping Co., N. 11th, Brooklyn, N. Y.
BROOKLYN metal lath—Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
BROOKLYN refined sulphur—Battelle & Renwick, 80 Maiden lane, New York
BROOKLYN sink strainers—Silver & Co., 304 Hewes, Brooklyn, N. Y.
BROOKS cold tire setters, acetylene generators, torches & oxy-acetylene welding equipment—Brooks Machine Co., Wichita, Kans.
BROOKS CRYSTAL scouring powder—Lever Bros. Co., Cambridge, Mass.
BROOKS packing & gaskets—Anchor Packing Co., Lafayette bldg., Phila., Pa.
BROOK'S potentiometers—Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
BROOKS gauge glass gaskets & packing — Anchor Packing Co., Lafayette bldg., Phila., Pa.
BROOKSIDE fishing rods—Richardson Steel Fishing Rod Co., 536 H Lake Shore drive, Chicago, Ill.
BROOKVILLE farm wagons — Brookville Mfg. Co., Brookville, Pa.
BROOME surface heating concentrators—Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
BROOMELL vapor heating system—Vapor Heating Co., North American bldg., Phila., Pa.
BROSIUS grab buckets—Edgar E. Brosius, 1212 Benedum Trees bldg., Pittsburgh, Pa.
BROUGHTON cocks & bibbs—E. Stebbins Mfg. Co., Springfield, Mass.
BROUGHTON plaster mixers—W. D. Dunning, Syracuse, N. Y.
BROWDER life saving nets—Cory-Patterson Mfg. Co., Greenfield, Ohio
BROWN air tire pumps, shackle bolts & spark plugs —Brown Co., Syracuse, N. Y.
BROWN boiler compounds—American Oil & Lubricant Works, Rochester, N. Y.
BROWN enameled iron bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
BROWN churns—M. Brown Co., Wapakoneta, Ohio
BROWN coil chain—Bridgeport Chain Co., Bridgeport, Conn.
BROWN cut-off couplings & gas engine clutches—Brown Clutch Co., Sandusky, Ohio
BROWN glass insulators—Brookfield Glass Co., 2 Rector, New York
BROWN hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
BROWN leaf spring oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
BROWN marine gears—Hyde Windlass Co., Bath, Me.
BROWN pipe tongs—Crane Co., 836 S. Michigan av, Chicago, Ill.
BROWN potato diggers—Peter Brown, Greeley, Colo.
BROWN pulleys, pulley bushings & pulley oilers—Brown Engng. Co., Reading, Pa.
BROWN pyrometers, thermometers, pressure gauges, draft gauges, tachometers, time & operation recorders—Brown Instrument Co., Wayne & Windrim, Phila., Pa.
BROWN stalk cutters—Galesburg Coulter & Disc Co., Galesburg, Ill.
BROWN water closet shields—Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio
BROWN & BROTHERS seamless copper range boilers —Randolph-Clowes Co., Waterbury, Conn.
BROWN CHAMPION post hole diggers, farm wagons, fertilizer distributors—Brown Mfg. Co., Zanesville, Ohio
BROWNE hot air furnaces—Phillips Heating, Vent. & Mfg. Co., Los Angeles, Cal.
BROWNE ice picks—W. G. Browne Mfg. Co., Kingston, N. Y.
BROWNE rolled steel windows—Richey, Brown & Donald, Flushing av, Maspeth, N. Y.
BROWNHOIST locomotive cranes, grab & shoveling buckets—Brown Hoisting Machinery Co., 4403 St. Clair av, N. E., Cleveland, Ohio
BROWNIE cameras—Eastman Kodak Co., Rochester, N. Y.
BROWNIE megaphones—Kennebunk Mfg. Co., Milton, N. H.
BROWNIE splicing compound taps—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BROWNS hog ringers—Chambers Bering, Quinlan Co., Decatur, Ill.
BROWN'S PERFECT seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
BROWN'S PERFECTION bolts, nuts & rivets—A. R. Brown, Erwin, Tenn.
BROWN'S pipe tongs—Ashcroft Mfg. Co., 119 W. 40th, New York
BROWN'S roller bearing wheels—Concord Axle Co., Penacook, N. H.
BROWN'S wagon skeins—American Skein & Foundry Co., Racine, Wis.
BRUBAKER'S cement sewer pipe machy.—Concrete Machy. & Supply Co., 2014 Santa Fe av, Los Angeles, Cal.
BRUCKNER smelting furnaces—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
BRUNELLE steam & hot water heaters—F. X. Brunelle, Worcester, Mass.
BRUNNER air compressors—Brunner Mfg. Co., Utica, N. Y.
BRUNO compression grease cups—Wm. Powell Co., Cincinnati, Ohio
BRUNSVIGA adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
BRUNSWICK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
BRUNTON ore samplers—William A. Box Iron Works Co., 3309 Blake, Denver, Colo.

BRUNTON transits—Wm. Ainsworth & Sons, Denver, Colo.
BRUSH cloth mops—Brush Mop Co., 1133 B'way, New York
BRUYN round house smoke jacks—Mann-McCann Co., Fisher bldg, Chicago, Ill.
BRYAN folding counter seats—Bryan Novelty Mfg. Co., Bryan, Ohio
BRYAN-MARSH incandescent electric lamps—Bryan-Marsh Division, 623 S. Wabash, Chicago, Ill.
BRYAN store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
BRYANT oil filters—Day Co., 1004 Lyndale, Minneapolis, Minn.
BRYANT snap & bush switches—Bryant Electric Co., Bridgeport, Conn.
BRYANT surface grinders—Bryant Chucking Grinder Co., Springfield, Vt.
BRYANT switches—Bryant Electric Co., Bridgeport, Conn.
BRYANT heaters & gas pressure regulators—Bryant Heater & Mfg. Co., 952 E. 72nd, Cleveland, Ohio
BRYANT-CLEVELAND arc light cut-outs—Bryant Electric Co., Bridgeport, Conn.
BRYDEN horse & mule shoes—Bryden Works, The, Catassauqua, Pa.
BRYT-O carriage top dressing—Glo-Co., East Orange, N. J.
BUBBLER toys, games & novelties—Chas. Schindler, Toledo, Ohio
BUCHANAN magnetic separators—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BUCHANAN plain crushing rolls & magnetic separators—C. G. Buchanan Co., 90 West, New York
BUCH'S feed cutters, root cutters & corn shellers—A Buch's Sons Co., Elizabethtown, Pa.
BUCK shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
BUCKET TYPE PROOFER bakers'—Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
BUCKEYE agricultural wrenches, carriage, machine & tire bolts—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
BUCKEYE automobile bumpers—Central Brass & Fixture Co., Springfield, O.
BUCKEYE cider mills, grain & rice planting drills—American Seeding Machine Co., Springfield, Ohio
BUCKEYE engine & blue printing machines—Buckeye Engine Co., Salem, Ohio
BUCKEYE boiler cleaners—Buckeye Boiler Skimmer Co., Toledo, Ohio
BUCKEYE can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BUCKEYE cleanser oil soap—Davies Young Soap Co., Dayton, Ohio
BUCKEYE common screw sticks—Chandler & Price Co., 6000 Carnegie av, Cleveland, O.
BUCKEYE concrete mixers—Buckeye Engine & Foundry Co., Joliet, Ill.
BUCKEYE conduits & fences—Youngstown Sheet Tube Co., Youngstown, Ohio
BUCKEYE drilling machines—Buckeye Tool & Machine Co., New Philadelphia, Pa.
BUCKEYE farm trucks—International Harvester Co. of America, Inc., Harvester bldg, Chicago, Ill.
BUCKEYE gasoline blow torches—MacLeod Co., 2227 Bogen, Cincinnati, Ohio.
BUCKEYE grindstones—Ohio Quarries Co., Citizens' bldg, Cleveland, Ohio
BUCKEYE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio.
BUCKEYE hose reels—Cardington Cabinet Co., Cardington, Ohio
BUCKEYE incubators & brooders—Buckeye Incubator Co., Springfield, Ohio
BUCKEYE jacks—Buckeye Jack Mfg. Co., Alliance, Ohio
BUCKEYE joists hangers—Columbian Hardware Co., Cleveland, Ohio
BUCKEYE lamps—Buckeye Electric Works of G. E. Co., 1806 E. 45th, Cleveland, Ohio
BUCKEYE lawn mowers, pumps & pumping jacks—Mast, Foos & Co., Springfield, Ohio
BUCKEYE machinists' hand taps, receding pipe threaders, stock & dies—Hart Mfg. Co., Cleveland, Ohio
BUCKEYE metal polish—Buckeye Chemical Co., Akron, Ohio
BUCKEYE metallic shingles—Thomas & Armstrong Co., London, Ohio
BUCKEYE mowers—Moline Plow Co., Moline, Ill.
BUCKEYE packing—Crandall Packing Co., Palmyra, N. Y.
BUCKEYE pruning shears—Clyde Cutlery Co., Clyde, Ohio
BUCKEYE road scrapers & steel tubular barrows—Toledo Wheelbarrow Co., 2400 Bway., Toledo, O.
BUCKEYE saw sets & planes—Buckeye Mfg. & Foundry Co., 2046 W. 55th, Cleveland, Ohio
BUCKEYE screen door hinges—Shelby Spring Hinge Co., Shelby, Ohio
BUCKEYE shoe lasts & stands—Fate-Root-Heath Co., Plymouth, Ohio
BUCKEYE tack claws & pullers, pot scrapers, wire spring potato mashers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BUCKEYE traction ditcher—Buckeye Traction Ditcher Co., Findlay, Ohio
BUCKEYE twist drills—Buckeye Twist Drill Co., Alliance, Ohio
BUCKEYE vitrified paving brick—Jno. Kline Brick Co., Wickliffe, Ohio
BUCKEYE warm air furnaces—Barber Mfg. Co., Ashtabula, Ohio
BUCKEYE water lifts—Buckeye Pump & Mfg. Co., Columbus, Ohio
BUCKEYE FORD shock absorbers—Central Brass & Fixture Co., Springfield, Ohio
BUCKING BRONCHO children's vehicles—Burgess-Norton Mfg. Co., Geneva, Ill.
BUCKLEY hose expanders & coupling expanding machines—Larkin Mfg. Co., Dayton, Ohio
BUCKLEY NON-TANGLE flag pole fixtures—Forest E. Howes, 263 Northampton, Boston, Mass.
BUCKLEY pyrometers—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BUCKLIN pea filler—Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
BUCYRUS steam shovels—Bucyrus Co., South Milwaukee, Wis.
BUDA car replacers & rail benders—Buda Co., Railway Exchange bldg, Chicago, Ill.
BUDA-WILSON automatic feed drills—Buda Co., Railway Exchange bldg, Chicago, Ill.
BUDLONG harrows—Janesville Mach. Co., Janesville, Wis.
BUELL screw drivers—Buell Bros., Clinton, Conn.
BUELL'S hollow handle tool sets—M. W. Robinson Co., 296 B'way, New York
BUERKENS farm wagons—Buerkens Mfg. Co., Pella, Ia.
BUFFALO apple choppers & kraut cutters—John E. Smith's Sons Co., 50 B'way, Buffalo, N. Y.
BUFFALO aqua & anhydrous ammonia—Robinson Bros., Montrose av, Brooklyn, N. Y.
BUFFALO babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
BUFFALO belt fasteners—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
BUFFALO brand blast furnaces—Buffalo Union Furnace Co., Buffalo, N. Y.
BUFFALO brick carriers' clamps & salamanders—Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.
BUFFALO cabinet makers clamps—E. E. Josef Mfg. Co., 14 Perry, Buffalo, N. Y.
BUFFALO centrifugals, rice mills & water wheels—Geo. L. Squier Mfg. Co., Dept. H, Broadway & Mortimer, Buffalo, N. Y.
BUFFALO clover bunchers & grain lifter guards—Eckhardt Mfg. Co., St. Paul, Minn.
BUFFALO curtain stretchers & quilting frames—Buffalo Stretcher Mfg. Co., 1422 Niagara, Buffalo, N. Y.
BUFFALO dust collectors, exhaust heads, axle setters, forges, benders, drills, nozzles, shears, punches, tire setters—Buffalo Forge Co., 490 Broadway, Buffalo, N. Y.
BUFFALO egg poachers—Republic Metalware Co., Buffalo, N. Y.
BUFFALO electric hoists—Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
BUFFALO grain testers—Buffalo Scale Co., 120 Niagara, Buffalo, N. Y.
BUFFALO gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
BUFFALO grips—Smith & Hemenway, Inc., 261H Broadway, New York; 130H Colt, Irvington, N. J.
BUFFALO harness snaps—Frazer & Jones Co., Syracuse, N. Y.
BUFFALO hay presses—Maytag Co., Newton, Ia.
BUFFALO knife & scissor grinders & saw sharpening machines—Sam'l C. Rogers & Co., 10 Lock, Buffalo, N. Y.
BUFFALO lubricators, boiler injectors, gauge cocks & oil & grease cups, sight feed lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York.
BUFFALO refrig'rs—Heinz & Munschauer, Buffalo, N.Y.
BUFFALO rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.
BUFFALO staple pullers—Osmundson Spade Mfg. Co., Perry, Ia.
BUFFALO steam pumps—Buffalo Steam Pump Co., 490 H Broadway, Buffalo, N. Y.
BUFFALO steam & hot water heaters—W. A. Case & Sons Mfg. Co., Buffalo, N. Y.
BUFFALO tinware—Aldrich Mfg. Co., Buffalo, N. Y.
BUFFALO valve & service boxes—Central Foundry Co., 90 West, New York
BUFFALO valve & service boxes—Modern Iron Works, Quincy, Ill.
BUFFALO vent wax cane compounds—United Compound Co., 228 Elk, Buffalo, N. Y.
BUFFALO water meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
BUFFALO GRIP comealongs—Western Electric Co., 463 West, New York
BUFFALO-PITTS steam road rollers—Buffalo Springfield Roller Co., Springfield, Ohio
BUFFALO-PITTS straw burning traction engines—Buffalo Pitts Co., Buffalo, N. Y.
BUFFALO PRESTO pneumatic spray brushes—Lederer, F. J. Co., 66 Forest av, Buffalo, N. Y.
BUFFALO-SILENT meat choppers & sausage making machinery—John E. Smith & Sons Co., Buffalo, N. Y.
BUFFALO SURE GRIP chucks—Buffalo Forge Co., 490 Broadway, Buffalo, N. Y.
BUFFINGTON automobile seats—C. A. Buffington & Co., Berkshire, N. Y.
BUFFINGTON folding seats—Fernald Mfg. Co., North East, Pa.
BUFFUM card printing presses—Buffum Tool Co., South Side, Louisiana, Mo.
BUFLOKAST gun iron castings, aniline apparatus, chemical plants & apparatus—organic nitrators, reducers, nitric & sulphuric recovery plants; phenol, beta naphthol, coal tar colors apparatus Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.

BUFLOVAK vacuum apparatus, vacuum dryers, drum, rotary, shelf, drying & impregnating apparatus & pumps, condensers, evaporators, horizontal tube, vertical tube, all cast iron, & crystallizing. Chemical castings, pre-heaters & salt filters—Buffalo Foundry & Machine Co., Winchester av, Buffalo, N. Y.

BUG-DEATH insecticides—Danforth Chemical Co., Leominster, Mass.

BUG-NO insecticides—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.

BUHL patented steam dryer—G. A. Buhl Co., 116 S. Green, Chicago, Ill.

BUILDERS gun carriages, manhole covers, polishing heads, lathes & machines, lapping machines & pneumatic tubes—Builders Iron Fdry., 9 Codding, Providence, R. I.

BULKLEY barometric condensers, steam condensers —M. W. Kellogg Co., 90 West, New York.

BULLARD carpet stretchers—Bradley & Farnham, Middlefield, Conn.

BULL-DOG acid phosphate—Union Seed & Fertilizer Co., Gretna, La

BULL DOG auto grip anti-skidding chains—Ulfers-Mfg. Co., Freeport, Ill.

BULL DOG bale ties—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio

BULL DOG battery connectors—American Ever Ready Works, Thompson av, Long Island City, N. Y.

BULL DOG battery connectors—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio

BULL DOG bed & furniture casters—Faultless Caster Co., Evansville, Ind.

BULL DOG belt fasteners & lacing—Columbia Novelty Co., St. Louis, Mo.

BULL DOG baby carriage tires, belting, hose, packing, rubber heels, mats & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.

BULL DOG boiler flue & tube cleaners—Elliott Co., Frick bldg, Pittsburgh, Pa.

BULLDOG boiler tube cleaners—Liberty Mfg. Co., 718 H Frick bldg., Pittsburgh, Pa.

BULL DOG bootjacks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.

BULL DOG can openers—Ira F. White & Son, Bloomfield, N. J.

BULL DOG clinch nails—G. G. Roberts Corp., Whitman, Mass.

BULL DOG closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.

BULL DOG coil chains & hammock chains—Chain Products Co., 3924 Cooper av, Cleveland, O.

BULL DOG concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.

BULL DOG corn & cob mills—Letz Mfg. Co., Crown Point, Ind.

BULL DOG cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.

BULL DOG cutting & drilling compounds & linseed oil soap—Climax Refining Co., Williamson bldg, Cleveland, Ohio

BULL DOG clinch nails—G. G. Roberts Corp., Whiting Mach. Co., 30 Church, New York

BULL DOG drill steel—International High Speed Steel Co., 99 Nassau, New York

BULL DOG fair gyratory rock & ore crushers—Traylor Engng. & Mfg. Co., Allentown, Pa .

BULL DOG friction clutches—Beloit Iron Works, Beloit, Wis.

BULL DOG gas engines—Bates & Edmonds Motor Co., Lansing, Mich.

BULL DOG gasoline blow torches—Turner Brass Works, Sycamore, Ill.

BULL DOG guy clamps—Bronson-Walton Co., Cleveland, Ohio

BULL DOG guy clips & wire rope clips—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio

BULL DOG hookaroon picks & logging tools—Warren Axe & Tool Co., Warren, Pa.

BULL DOG hose clamps—W. D. Allen Mfg. Co., 556 W. Lake, Chicago, Ill.

BULLDOG knife switches & switchboards, oil break switches—Mutual Electric Machine Co., 232 Fort. W. Detroit, Mich.

BULL DOG portable lamp guards—McGill Mfg. Co., Valparaiso, Ind.

BULL DOG lubricating oils & greases & linseed oil soap—Climax Western Oil Co., Minneapolis, Minn.

BULL DOG mop wringers—Bushnell Novelty Co., Mansfield, Ohio

BULL DOG padlocks—Sargent & Co., New Haven, Conn.

BULL-DOG paper mill grinders—Noble & Wood Machine Co., Hoosick Falls, N. Y.

BULL DOG parallel vises—Prentiss Vise Co., 110 Lafayette, New York

BULL DOG pump leather—C. F. Adams, P. O. Box 253H, Ft. Worth, Texas.

BULL DOG sash cord & sash chain fasteners—Allen & Son Co., Hartford, Conn.

BULL DOG shafting coupling & pulley bushings—Campbell Machinery Co., 35 W. 39th, New York

BULLDOG Special steel—International High Speed Steel Co., 99 Nassau, New York

BULL DOG steam pumps—Lucy Manf'g Corp., 233 Broadway, New York

BULLDOG steel—International High-Speed Steel Co., 99 Nassau, New York

BULL DOG steel toe calks—Phoenix Horse Shoe Co., 209 S La Salle, Chicago, Ill.

BULL DOG steel shipping barrels—Toledo Steel Barrel Co., Toledo, Ohio

BULL DOG stock & dies—Oster Mfg. Co., 2057 E 61st pl, Cleveland, Ohio

BULL DOG tinners' snips—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

BULL-DOG trolley wire clamps—Ohio Brass Co., Mansfield, Ohio.

BULL DOG varnish—Longman & Martinez, 54 Maiden la, New York

BULL DOG vises—Prentiss Vise Co., 103 Lafayette, New York

BULL DOG wall paper size—Cott-a-Lap Co., Somerville, N. J.

BULL DOG wall ties—American Rolling Mill Co., Middletown, Ohio

BULL-DOG window casement adjusters—Casement Hardware Co., 9 S. Clinton, Chicago, Ill.

BULL DOG wire stretchers—Mason Fence Co., Leesburg, Ohio

BULL DOG wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.

BULL DOG GRIP spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.

BULL DOG shafting couplings—Stanley Belting Corp., 34 S Clinton, Chicago, Ill.

BULLET gas automobile lamps—Gray & Davis, Boston, Mass.

BULL FROG barrows, concrete carts & drag road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio

BULL FROG shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.

BULL FROG shovels, spades and scoops—Ohio Shovel & Stamping Co., Canal Dover, Ohio

BULL FROG RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York

BULL MOOSE pneumatic tools—Ingersoll-Rand Co., 11 Broadway, New York

BULLOCK electric motors—Allis-Chalmers Co., Milwaukee, Wis.

BULLOCK tackle blocks—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.

BULLOCK tweezers & wrenches—Bullock Mfg. Associates, Springfield, Mass.

BULL RUN powdered talc—Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio

BULL TONGUE guy anchors—I. A. Bennett Co., 112 W. Adams, Chicago, Ill.

BULL'S EYE lanterns—Knapp Mfg. & Supply Co., 241 Water, New York

BULLS EYE lenses—Jefferson Glass Co., 5 S Wabash, Chicago, Ill.

BULL'S EYE lubricators—Nathan Mfg. Co., 416 E. 106th, New York

BULLSEYE smokeless pistol powder—Hercules Powder Co., Wilmington, Del.

BULL'S HEAD belting—Chas. A. Schieren & Co., 30 Ferry, New York

BULL'S HEAD carbonate of potash—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.

BULL'S HEAD flint paper—Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.

BULL'S HIDE GRAY carpet linings—Brown Co., Portland, Me.

BULLY BOY saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.

BULLY SHINE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.

BUMPA automatic dumps—Sanford-Day Iron Works, Knoxville, Tenn.

BUMPER ore concentrators—McFarlane, Eggers Machinery Co., Denver, Colo.

BUNDY card time recorders—Simplex Time Recorder Co., Gardner, Mass.

BUNDY card time recorders—W. H. Bundy Recording Co., 135 5th av, New York

BUNDY steam traps—Nashua Machine Co., Nashua, N. H.

BUNDY steam & oil separators—Griscom-Russell Co., 92 West, New York

BUNDY time recorders—International Time Recording Co. of N. Y.—Endicott, N. Y.

BUNGALOW steam & hot water heaters & instantaneous water heaters—Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.

BUNKER HILL lead—Bunker Hill & M. & C. Sullivan Co., Crocker bldg, San Francisco, Cal.

BUNKER HILL mining screens—Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

BUNKER HILL paint & varnish remover—Burbank & Ryder, Boston, Mass.

BUNTING bearings & bushings—Bunting Brass & Bronze Co., 738 Spencer, Toledo, Ohio

BUOY submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

BUPRESCO paint spraying machines—Bradsto Appliances, Inc., 65 Main, Buffalo, N. Y.

BURBYOTTE glue—Burnet Mfg. Co., 64 Gold, New York, N. Y.

BURCH potato diggers & cast iron culverts—Burch Plow Works Co., Crestline, Ohio

BURCHARTZ fire proof doors—Burchartz Fireproofing Co., 26 Cortland, New York

BURD piston rings—Burd High-Compression Ring Co. Rockford, Ill.

BURDICT bolt heading machines—Howard Iron Works, Buffalo, N. Y.

BURGESS paper cop tubes—Chas. F. Taylor, 57 Weybosset, Providence, R. I.

BURGESS tires—Burgess Patent Tire Mfg. Co., Brookfield, Mo.

BURGESS warm air registers—Rock Island Register Co., Rock Island, Ill.

BURG-LA-PROOF automatic sash locks—B. L. P. Sales Co., Charlestown, Pa.

BURGMAN'S JANOS plate asbestos sheet packing—Feodor Burgman, 26 Cortland, New York

BURHORN water cooling towers—Edwin Burhorn Co., 71 Wall, New York

BURKE closet augers & pipe cleaners—B. B. Specialty Co., 433 H Liberty av, Pittsburgh, Pa.

BURKE electrical motors—Burke Electric Co., Erie, Pa.

BURKE oil filters—Burke Furnace Co., 320 E. No. Water, Chicago, Ill.
BURKHARD adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
BURLEIGH horse blankets—Thos. Kelly & Co., 89 Chauncy, Boston, Mass.
BURLEY steam & hot water heaters—Burley Heater Co., Tyrone, Pa.
BURLINGTON rubber tire applying machinery—Pettigrew Foundry, Harvey, Ill.
BURNON UNIVERSAL seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
BURNHAM air compressors & steam pumps—Union Steam Pump Co., Battle Creek, Mich.
BURNHAM steam & hot water heaters—Lord & Burnham Co., 30 E. 42nd, New York
BURNLEY dry batteries—Burnley Battery & Mfg. Co., North East, Pa.
BUR-NOR children's vehicles, counting machines, latches, sash locks, ice picks & shaves, cupboard catches, screw drivers, wire stretchers & tool handles—Burgess-Norton Mfg. Co., Geneva, Ill.
BURNS brackets & porcelain telephone mouthpieces—American Electric Co., 6401 S. State, Chicago, Ill.
BURNS crucibles—American Oil & Supply Co., 238 Wilson av, Newark, N. J.
BURNS ECONOMIC foundry molding machines—Syracuse Malleable Iron Works, Syracuse, N. Y.
BURNS EXPRESS telephone switchboards—Am. Electric Co., 6401 State, Chicago, Ill.
BURNSHINE metal polish—J. C. Paul & Co., 930 Roscoe, Chicago, Ill.
BURR belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
BURRALL corn shellers—Keystone Machine Co., York, Pa.
BURRITTS roofing seamers—O. W. Burritt & Bro., Weedsport, N. Y.
BURRO steel tubular harrows—Sidney Steel Scraper —Burroughs Tool Co., 87 Warren, New York
BURRO hack saw machines & screw slotting cutters Co., Sidney, Ohio
BURROWES FEATHER WEIGHT folding chairs—E. T. Burrowes Co., 70 Free, Portland, Me.
BURROWS ball bearing track jacks—Walter R. Burrows, 80 Maiden la, New York
BURROWS feed water regulators—Burrows Mfg. Co., York, Pa.
BURROWS talking machines—Burrows E. T. Co., Portland, O.
BURT billiard balls—Albany Billiard Ball Co., Albany, N. Y.
BURT cement—Burt Portland Cement Co., Bellevue, Mich.
BURT exhaust heads, oil filters & ventilators—Burt Mfg. Co., 40 Main, Akron, Ohio
BURT slime filters—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BURTON anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
BURTON gasoline & kerosene—Burton Engineering & Machinery Co., Spring Grove & Alabama avs, Cincinnati, Ohio
BUSH tree trimmers & cutters—Bush Electric Co., 6654 H Broadway, Cleveland, Ohio
BUSHETTES conduit bushings—Walker Bros. & Haviland, Otis bldg., Phila., Pa.
BUSHNELL damper regulators—Bushnell, John S. & Co., 146 Liberty, New York
BUSHNELL lawn swings—Bushnell Tank Works, Bushnell, Ill.
BUSINESS clothes lines—Estes Mills, Fall River, Mass.
BUSY lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
BUSY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
BUTCHERS' BOSTON POLISH floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.
BUTLER auto truck trailers—Butler Co., Butler, Ind.
BUTLER boat cushions—Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
BUTLER COMBINATION steel corn cribs—Butler Mfg. Co., Kansas City, Mo.
BUTLER FURNACE—Hot air furnaces—Zieg, F. B. Mfg. Co., Fredericktown, Ohio
BUTMAN'S flue scrapers, rod cleaners—James McCrea & Co., 562 W. Washington, Chicago, Ill.
BUTTERFLY clothes washing machines—Albaugh-Dover Co., 2100 H Marshall blvd., Chicago, Ill.
BUTTERFLY rock drills & plug drills—Ingersoll-Rand Co., 11 Broadway, New York
BUTTER-KIST pop corn machines—Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
BUTTERNUT faucets—Chas. I. Allen, Pequabuck, Conn.
BUTTERS centrifugal pumps—Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
BUTTON & PLATE belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
BUTTON'S combination pliers—Irving Mfg. & Tool Co., 157 Chambers, New York
BUXTON garment hangers—L. A. W. Novelty Co., Springfield, Mass.
BWAXO dust & floor brushes, dusters, dust cloths, cloth comb mops—Wax Brush Co., 56 Sanford, Boston, Mass
BY-LO churns—Standard Churn Co., Wapakoneta, Ohio.
BYERLYTE asphalt cements & waterproofing materials—Byerly & Sons, 2489 W. 4th, Cleveland, Ohio
BYER'S hoisting engines—Jno. F. Byers Machine Co., 242 S. Sycamore, Ravenna, O.
BYLLESBY wishbone cross arms—R. Thomas & Sons Co., East Liverpool, O.
BYRAM foundry plant equipments & tumbling mills—Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio

C fire resisting cements—Howard Co., New Haven, Conn.
C nickel babbitt metal—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Park blk, St. Louis, Mo.
C. sad irons—Colebrookdale Iron Co., Pottstown, Pa.
C-A-W wood preservatives—C-A-Wood Preserver Co., Fullerton bldg, St. Louis, Mo.
C. BACHE-WIIG barking drums—Baker Mfg. Corp., Saratoga Springs, N. Y.
C. B. B. name fasteners—Covert Saddlery Works, Interlaken, N. Y.
C. B. Co. compression couplings—Chain Belt Co., Milwaukee, Wis.
C. B. & Q. tedder hay racks—Rock Island Plow Co., Rock Island, Ill.
C. B. S. packing—Western Rubber Co., Goshen, Ind.
C. B. S. packing—Whitehead Bros. Rubber Co., Trenton, N. J.
C. C. chain—Columbus McKinnon Chain Co., Columbus, Ohio
C. C. CO. cutlery—Canton Cutlery Co., Canton, O.
C. C. crane & dredge chains—Columbus McKinnon Chain Co., Columbus, Ohio
C. C. disinfectants—H. C. Dusenberry (Inc), 95 Gold, New York.
C. C. packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
C-C springs—Standard Pts. Co., Cleveland, Ohio
C. C. BROOKS hooks, knives & scythes—North Wayne Tool Co., Hallowell, Me.
C. C. PARSONS aqua & anhydrous ammonia—Columbia Chemical Works, Bush Terminal, Brooklyn, N. Y.
C. C. WAIS punching & shearing machinery—Covington Machine Co., Covington, Va.
C. C. C. anti-freezing compounds—Corliss Mfg. & Supply Co. 1906 Olive, St. Louis, Mo.
C. C. C. belt cements, belt dressing, boiler compounds, shoe stains—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
C. C. C. boiler compounds—Continental Chemical Co., 119 S. 4th, Philadelphia, Pa.
C. C. C. closet cleaners & chemical compound & pipe opener. Allan J. Coleman, 208 N. Wabash av, Chicago, Ill.
C. E. J. & CO.'S saws, knives, nail sets, bits, chisels, borers, wall strapers, screw drivers, levels & sticks—C. E. Jennings & Co., 71 Murray, New York
C. F. C. & CO. manganese steel track work—Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, Ohio
C. F. M. core wash—Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio
C. G. cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
C-H switches, speed regulators, machine tool controllers, rheostats—Cutler Hammer Mfg. Co., Milwaukee, Wis.
C. H. WHEELER-THYSSEN pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.
C. H. & E. hoists, pumps, saw rigs—C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.
C. I. rubber packing—Whitehead Bros. Rubber Co., Trenton, N. J.
C. L. tanners' oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
C. L. E. hose nozzles—John Simmons Co., 110 Centre, New York.
C. M. shipping pails—Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
C M insulated wire—National India Rubber Co., Bristol, R. I.
C. M. B. adjustable wrenches—C. M. H. Wrench Co., Garwood, N. J.
C. M. DAY mining picks—Salem Tool Co., Salem, Ohio
C. N. W. register cord splicers—Chas. N. Wood Co., 14 Federal, Boston, Mass.
C-O type oil engines—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
C. O. S. packing—Western Rubber Co., Goshen, Ind.
C. O. T. carriage top dressing—Chas. O. Tingley & Co., Rahway, N. J.
C. P. aqua & anhydrous ammonia—Baker & Adamson Chemical Co., Easton, Pa.
C. P. churns—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
C. P. 90 per cent & straw colored benzol refiners—National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
C. P. special industrial starch—Corn Products Refining Co., 17 Battery pl, New York
C. P. P. paint—Carbon Paint Co., Felt bldg, Salt Lake City, Utah
C. S. C. dustless mops—Cedar-Sweep Co., Los Angeles, Cal.
C. S. G. deadening felts—C. S. Garrett & Son Co., 21 Decatur, Phila., Pa.
C. S. O. & CO. scalloping machines—C. S. Osborne & Co., Box 183, Newark, N. J.
C T automobiles & storage battery trucks—Commercial Truck Co. of America, Dept. H, 27th & Brown, Phila., Pa.
C Y W choice steel—Firth Sterling Steel Co., McKeesport, Pa.
C. & C. edgers—Chicago Laundry Machinery Co., 119 N. Canal, Chicago, Ill.
C & C edger—Chicago Laundry Machy Co., 213 W. Grand av, Chicago, Ill.
C. & C. ironers—American Laundry Machinery Co., Norwood, Cincinnati, Ohio
C. & C. lawn trimmers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
C. & C. starchers—Geo. H. Bishop, 550 W. Washington, Chcago, Ill.
C. & D. closet seats & tanks—Coyne Delany Co., 832 Kent av, Brooklyn, N. Y.

C. & F. knitting machinery—Ainslie Knitting Machine Co., 281 Ainslie, Brooklyn, N. Y.
C. & F. screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
C. & G. warp stop motions—Coldwell Gilard Co., 95 Milk, Boston, Mass.
C. & H. Babbitt Metal—Lake Superior Brass Foundry Co., Laurium, Mich.
C. & H. milk cooler—Cordley & Hayes, 7 Leonard, New York
C. & S. tire air pumps—Codman & Shurtleff, 120 Boylston, Boston, Mass.
CABINET hose racks—Chas. Zuhring & Bro., 1212 Walnut, Cincinnati, Ohio
CABLE COMPOUND cable grease—Climax Refining Co., Williamson bldg, Cleveland, Ohio
CABLE hot air furnaces—E. B. Colby & Co., Hoboken av, Jersey City, N. J.
CABLEINE wire rope coating—Strong Machinery & Supply Co., 21 Walker, New York
CABLE PRINCE pumps, engines, etc.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
CABOT'S insulating & sheathing paper—Samuel Cabot (Inc.), 141 Milk, Boston, Mass.
CACTUS lawn sprinklers—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
CADDO SPECIAL, mechanical rubber goods, oil & water well supplies—Sehnerts, Inc., Shreveport, La.
CADET BLUE kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
CADET heating stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CADET oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
CADILLAC hand vacuum cleaners & carpet sweepers—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
CADILLAC SPECIAL vacuum cleaners—Chas. W. Emery & Sons, 1304 Diamond, Phila., Pa.
CADO ink brush erasers—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CAFFREY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
CAFREY-HUNTINGTON track engines — Buda Co., Railway Exchange bldg., Chicago, Ill.
CAHILL ferrules—M. F. Cahill, 710 E. 2d, Boston, Mass.
CAHILL fire-place furnishings & furnaces—Chattanooga Roofing & Fdry. Co., Dept. H, Chattanooga, Tenn.
CAHOON seed sowers—Goodell Co., Antrim, N. H.
CALARIA stearine pitch—Moore & Munger, 29 Broadway, New York
CALCINO wall finish—Muralo Company, Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.
CALCITINE cold water calcimine or wall finish—M. Ewing Fox Co., 241 E. 136th, New York
CALCO iron flumes, road culverts, signs, tanks & sluice gates—California Corrugated Culvert Co., Berkeley & Los Angeles, Cal.
CALCUTTS wire automobile belts—Gardner Wire Co., 520 N. Parkside av, Chicago, Ill.
CALDWELL door checks—Caldwell Mfg. Co., Rochester, N. Y.
CALDWELL grantesters & pulleys, pan conveyors, elevator boots, car pullers & power transmitting machinery—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
CALDWELL hack saw blades—Caldwell Tool Mfg. Co., Dept. H, Springfield, Mass.
CALDWELL hose clamps—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
CALDWELL lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
CALDWELL tank alarms & tank lugs—W. E. Caldwell Co., Louisville, Ky.
CALDWELL-WALKER gears—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill
CALEDONIAN front brick—Fiske & Co., 30 Franklin, Boston, Mass.
CALF cattle dehorners—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.
CALHOUN cotton rope—Anniston Cordage Co., Anniston, Ala.
CALIDA baths & lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CALIDO nickel-chromium wire—Electrical Alloy Co., Morristown, N. J
CALIFORNIA hay forks—F. E. Myers & Bro., Ashland, Ohio
CALIFORNIA knives & spoons—Ontario Knife Co., Franklinville, N. Y.
CALIFORNIA pruning shears—Smith, Seymour & Son, Oakville, Conn.
CALIFORNIA safety cargo hooks—Thos. Laughlin Co., Portland, Me.
CALIFORNIA trace carriers—North & Judd Mfg. Co., New Britain, Conn.
CALIFORNIA vegetable parers—Ira F. White & Son Co., Bloomfield, N. J.
CALIPERS WHICH INDICATE calipers—Indicating Caliper Co., 506 E 19th, New York
CALISBESTOS gaskets & packing—General Asbestos & Rubber Co., Charleston, S. C.
CALK horse shoe pads—Revere Rubber Co., Chelsea, Mass.
CALLAHAN hose nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.
CALLANS glue—Wood & Hare, 66 Leonard, New York
CALLIAN foundry cupolas—Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio
CALLOW belt screens & settling tanks—Galingher Machinery Co., Salt Lake City, Utah
CALMAN'S wood fillers—Emil Calman & Co., 100 William, New York
CALOVA enamels—Standard Varnish Wks., 90 West, New York
CALOREX—burners, cocks & furnaces—W. N. Best, Inc., 11 B'way, New York
CALORIC fireless cookers — Caloric Co., Janesville, Wis.
CALORIC pipeless hot air furnaces—Monitor Stove Co., C. H. & D. R. R. N Gest, Cincinnati, Ohio
CALOX tooth powder—McKesson & Robbins, 91 Fulton, New York
CALUMET cotton hose—Mechanical Rubber Co., 73 Reade, New York
CALUMET oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
CALUMET railway track drills—Crerar Adams & Co., 239 E Erie, Chicago, Ill.
CALUMET traveling cranes—Calumet Foundry Equipment Co., Harvey, Ill.
CALVET desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.
CALVERT cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CALYPSAL lubricating oils & greases—Swan & Finch Co., 165 Broadway, N. Y.
CALYX core drills—Ingersoll-Rand Co., 11 Broadway, New York
CAMARET roofing tin—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
CAMARGO shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
CAMBRIDGE corn and metal bound mill brooms—Mass. Commission for the Blind, Cambridge, Mass.
CAMBRIDGE dental engines—Sterling Dental Mfg. Co., 7H Remington, Cambridge, Mass.
CAMBRIDGE RIGID REVERSIBLE metal lath—American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
CAMBRIDGE traps—Joseph H. Young Co., 82 High, Boston, Mass.
CAMBRO shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
CAMDEN grease cups—Lindholm Metal Stamping Co., Camden, N. J.
CAMEL belting & belt dressing—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
CAMEL HAIR belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
CAMEO rubber belting & hose—New York Rubber Co., Reade & Church, New York
CAMEO typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
CAMERAGRAPH copying machines — Cameragraph Co., 906 Baltimore av, Kansas City, Mo.
CAMERON dynamite—Grasselli Powder Co., Guardian bldg, Cleveland, O.
CAMERON can makers' machinery—Cameron Can Machinery Co., 240 N. Ashland av, Chicago, Ill.
CAMERON commutators—Cameron Elec'l Mfg. Co., Ansonia, Conn.
CAMERON hand-made lamp chimneys, inverted gas globes, lantern globes & small electric shades—Cameron Glass Co., Cameron, W. Va.
CAMERON pumps—Ingersoll-Rand Co., 11 Broadway, New York.
CAMERON steam pumps—A. S. Cameron Steam Pump Works, 11 Broadway, New York
CAMILLUS cutlery—A. Kastor & Bros., 109 Duane, New York
CAMP portable grain elevators—Camp Bros. & Co., Washington, Ill.
CAMPBELL crank handles — Perkins-Campbell Co., 622 Broadway, Cincinnati, Ohio
CAMPBELL feed water purifiers—Ross Valve Mfg. Co., Troy, N. Y.
CAMPBELL fertilizer dryers—Cambridge Iron Works, Cambridge, Mass.
CAMPBELL flour packing machine—Peter F. Campbell, 51 Laurel, Phila., Pa.
CAMPBELL hammer lock cotters—American Chain Co., Inc., Bridgeport, Conn.
CAMPBELL junction boxes & receptacle plugs—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
CAMPBELL linseed oil & cake—American Linseed Co., Woolworth bldg, New York
CAMPBELL street railway sweeping machines—Consolidated Car Fender Co., Vale, Providence, R. I.
CAMPBELL switches, bell ringing transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.
CAMPBELL wood stains, floor finish & varnishes—Carpenters-Morton Co., 77 Sudbury, Boston, Mass.
CAMP-DUCT clay conduits—H. B. Camp Co., Fulton bldg., Pittsburgh, Pa.
CANADY fuel economizers—Canady Blaisdell Corp., 90 West, New York
CANAL wooden barrows—Frank R. Prescott, Meredith, N. H.
CANCO ash & garbage cans & fly traps—American Can Co., 120 Broadway, New York
CANDEE aerial wire, potheads & sleeves—Okonite Co., Passaic, N. J.
CANDEE hot air & hot water brooders—Candee Incubator & Brooder Co., Eastwood, N. Y.
CANDELABRA lamp adapters—Frank W. Morse, 289 Congress, Boston, Mass.
CANFIELD rubber tank balls & basin stoppers—H. O. Canfield Co., Bridgeport, Conn.
CANIA cams—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
CANIFF grout mixers—Ransome Concrete Machy. Co., Dunellen, N. J.
CANNON caboose & cast iron heating stoves—Green's Car Wheel Mfg. Co., 3000 N. B'way, St. Louis, Mo.
CANNON corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.
CANNON stove—Fox Furnace Co., Elyria, O.

CANNON BALL door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
CANNON CRACKER dry batteries—North Electric Co., American Trust bldg., Cleveland, Ohio
CANNON PUMP OILERS—Cannon Oiler Co., successor to R. E. Bloomer, Keithsburg, Ill.
CANOPUS oil—Texas Company, 17 Battery pl, New York
CANOPY stoves—Buckwalter Stove Co., Royersford, Pa.
CAN'TGETOFF barn door hangers—J. E. Porter Co., Ottawa, Ill.
CANTON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CANT-ROLL plumb bobs—Dikeman Mfg. Co., Norwalk, Conn.
CAN'T SAG farm gates—Rowe Mfg. Co., Galesburg, Ill.
CANT'SLIP rubber mats—Cantslip Manufacturing Co., 16 Cedar, New York.
CANT SLIP spindles—I. A. Hall & Co., Paterson, N. J.
CAN'T SLIP stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
CANTON account registers—Thomas Peter Co., Canton, O.
CANTON coal chutes, portable cranes & shears—Canton Foundry & Machine Co., Canton, Ohio
CANTON fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
CANTON gasoline lamps—Canton Incandescent Light Co., Canton, Ohio
CANTON SICKLE EDGE hay knives—G. A. Swineford Co., Canton, Ohio.
CANTON mine doors & automatic mine switch throwers—American Mine Door Co., Canton, Ohio
CANTON plows & disc harrows—Parlin & Orendorff Co., Canton, Ill.
CANTON oil filters—Canton Grate Co., Canton, Ohio
CANTON stop & waste cocks—D. C. Mfg. Co., Canton, Ohio
CANWOOD canisters—Canister Co., Phillipsburg, N. J.
CAPE ANN isinglass—American Glue Co., 121 Beverly, Boston, Mass.
CAPE COD folding boat anchors—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
CAPE MAY hair pinching irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
CAPELL salt—Utah Salduro Co., 609H Clift bldg, Salt Lake City, Utah
CAPELLA oil—Texas Company, 17 Battery pl, New York
CAPITAL aluminum castings—Capital Brass Fdry., Salt Lake City, Utah
CAPITAL brooms & brushes—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
CAPITAL gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.
CAPITAL internal grinders—Lansing Stamping & Tool Co., Lansing, Mich.
CAPITAL settees—Kramer Brothers Foundry Co., Dayton, Ohio
CAPITAL shears—D. J. Whelan (Est. of), Troy, N. Y.
CAPITAL tempered strip steel—Edgar T. Ward's Sons Co., 44-54 Farnsworth, Boston, Mass.
CAPITAL CITY paint & wood fillers—Indianapolis Paint & Color Co., Indianapolis, Ind.
CAPITOL automobile engines—Aurora Automatic Machine Co., Aurora, Ill.
CAPITOL blotting paper—Jos. Parker & Son Co., New Haven, Conn.
CAPITOL brushes & brooms—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
CAPITOL clippers—Coates Clipper Mfg. Co., Worcester, Mass.
CAPITOL fence posts—Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio.
CAPITOL gold fountain pens—Aiken-Lambert Co., 163H Front, New York
CAPITOL ink stands—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CAPITOL lawn trimmers—Granite State Mowing Machine Co., Hinsdale, N. H.
CAPITOL lubricating oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
CAPITOL marine engines—Fifield Bros. Co., Augusta, Me.
CAPITOL packing—Acme Rubber Mfg. Co., Trenton, N. J.
CAPITOL shears—D. J. Whelan (Est. of), Troy, N. Y.
CAPITOL spark coils—National Coil Co., Lansing, Mich.
CAPITOL steam & hot water boilers—U. S. Radiator Corp., 133 E. Grand River, Detroit, Mich.
CAPITOL vacuum cleaners—United Vacuum Appliance Co., Connersville, Ind.
CAPITOL-WINCHESTER steam & hot water boilers—U. S. Radiator Corp., 133 E. Grand River, Detroit, Mich.
CAPSTAN packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.
CAPTAIN barrel spray pumps—Deming Co., Salem, Ohio
CAPTAIN bill plows—Kingman Plow Co., Peoria, Ill.
CAPTAIN brass pins—National Pin Co., Derby, Conn.
CAPTAIN LAFITTE stubble diggers—Moline Plow Co., Moline, Ill.
CAPTOR plows—South Bend Chilled Plow Co., South Bend, Ind.
CAPUAL car lining & weather proofing nails—Weatherproofing Nail Co., Baltimore, Md.
CAPUT padlocks—Slaymaker Lock Co., Lancaster, Pa.
CARARA cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.
CARBENO varnishes, japans & enamels—Bennett Varnish Co., 2215 Elston av, Chicago, Ill.

CAR-BEST-US car roofing—Johns-Manville, Inc., Madison av & 41st, New York
CARBIC calcium carbide briquettes & carbic apparatus—Carbic Mfg. Co., Duluth, Minn.
CARBICON carborundum paper—Herman Behr & Co., 61 B'way, New York
CAR BRITE metal polish—F. T. Lord Polish Co., Cambridge, Mass.
CARBO paints & waterproofing materials—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
CARBO razors—A. L. Silberstein, 600 W 157th, New York
CARBO steel posts, poles & post hole augers—Carbo Steel Products Co., 2600 W 111th, Morgan Park station, Chicago, Ill.
CARBOLICIDE insecticides—Hockwald Chemical Co., 531 Howard, San Fransisco, Cal.
CARBOLINEUM wood preservative—Protexol Corp., 41 Barclay, New York
CARBOLITE calcium carbide—American Carbolite Co., Duluth, Minn.
CARBON foundry iron—Carbon Furnace Co., Ltd., Mauch Chunk, Pa.
CARBON lead pencils—American Lead Pencil Co., 220 5th av, New York
CARBON packing, rubber hose belting—New York Belting & Packing Co., 91 Chambers, New York
CARBON CYLINDER open & closed circuit batteries—J. H. Bunnell & Co., 32 Park pl, New York
CARBONALL composition blackboards & rust proof paints—Good Products Co., 1856 Leclaire av, Chicago, Ill.
CARBONE flaming arc lamps—Felix Hamburger, 44 E 23rd, New York
CARBONELASTIC coating paints—Arlington Mfg. Co., Canton, Ohio
CAR-BON-GO carbon removers—Van Tilburg Oil Co., Minneapolis, Minn.
CARBONITE explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
CARBONKOTE paints—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
CARBONOX carbon removers—Northwestern Chemical Co., Marietta, Ohio
CARBORA grinding wheels—Cortland Grinding Wheel Corp., Cortland, N. Y.
CARBORUNDUM knife sharpeners—Carborundum Co., Niagara Falls, N. Y.
CARBOSOLVENT carbon removers—Beckley-Rawlston Co., 1801 S. Michigan av, Chicago, Ill.
CARBOXIDE metal paints—Blocki-Brennan Refining Co., 11 N. La Salle, Chicago, Ill.
CARBULINE asbestos packing—United States Asbestos Co., Manheim, Pa.
CARBURET OF IRON stove polish—Jos. Dixon Crucible Co., Jersey City, N. J.
CARDINAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
CARDINAL oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CARDINAL springs—Barber Mfg. Co., Anderson, Ind.
CARDINGTON garden hose reels—Cardington Cabinet Co., Cardington, Ohio
CARDWELL corn planters—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
CARDWELL draft gear—Cardwell Mfg. Co., 332 S. Michigan av, Chicago, Ill.
CARDWELL draft gear—Union Draft Gear Co., McCormick bldg., Chicago, Ill.
CARDWELL ROCKER side bearings—Cardwell Mfg. Co., 332 S. Michigan av, Chicago, Ill.
CAREW'S nippers—M. W. Robinson Co., 296 B'way, New York
CAREY roofing, cements, roofing caps—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
CAREY EZOLA steel bound felt mats—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
CAREY-FOSTER bridges—Leeds & Northrup Co., 4901 Stanton av, Phila., Pa.
CAREY PERFECT corn huskers—Sproul Matt Co., Sparta, Ill.
CARLETON maple sugar molds—G. H. Grimm, Rutland, Vt.
CARLEY'S feed grinding mills—Carley Bros., Colfax, Wash.
CARLISSI rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
CARLL wrenches—M. W. Robinson Co., 296 B'way, New York
CARLON wall plugs—Carlon Sales Co., Oskaloosa, Ia.
CARLSON chemical evaporators—International Process Co., 5 Beekman, New York
CARLSRUHE metal cleaners—James H. Rhodes & Co., 115 Fulton, New York
CARLTON baths—Crane Co., 836 S Michigan av, Chicago, Ill.
CARNATION carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
CARNATION-CREAM metal polish—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
CAROLINA cotton plows, cultivators—S. R. White's Sons, Norfolk, Va.
CAROLINA harrows—Southern Plow Co., Columbus, Ga.
CAROLINA laundry stoves—Glascock Stove & Mfg. Co., Greensboro, N. C.
CAROLINA steel ranges—Glascock Stove & Mfg. Co., Greensboro, N. C.
CAROLINE cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CAROLUS bolt clippers, nut splitters & iron bar cutters, Twin City Specialty Co., Sterling, Ill.
CARPENTER calorimeters—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
CARPENTER self-feeder carriers—Carpenter Wing Carrier Mfg. Co., St. Paul, Minn.

CARPENTER'S screw plates—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
CARPO tar paint—Du Pont Chemical Works, Wilmington, Del.
CARPOLENE wood & metal preservative stain—Du Pont Chemical Wks., Wilmington, Del.
CARR tool holders—H. G. Thompson & Son Co., New Haven, Conn.
CARRIER power ensilage cutters—Silver Mfg. Co., No. 256, Salem, O.
CARRIERS' FRIEND mail boxes—Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
CARROM game boards—Carrom Co., Ludington, Mich.
CARRY ALL coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
CARRY ALL hand carts—M. H. Daley, Charles City, Ia.
CARROLLTON heating stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CARRY-US-ALL riding galleries—C. W. Parker, Leavenworth, Kans.
CARSON flushing valves—Dececo Co., 157 High, Boston, Mass.
CARSON packing—A. W. Chesterton Co., 64 India, Boston, Mass.
CARSPRING rubber belting, hose & packing—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
CARTARET cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CARTER gasoline strainers—Carter Carbureter Co., 2840 N. Spring, St. Louis, Mo.
CARTER post hole diggers—National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
CARTER staybolt iron—Carter Iron Co., Pittsburgh, Pa.
CARTER'S hot air furnaces—Waterloo Register Co., Waterloo, Ia.
CARTER'S pressure filters—Field Force Pump Co., Elmira, N. Y.
CARTON canvas stitching belting & belt dressing—Carton Belting Co., 52 Everett, Allston, Mass.
CAR-VAN steel blade pocket knives—Canton Cutlery Co., Canton, Ohio
CARVER electric drills, reamers & grinders—American Electric Tool Co., West Newton, Mass.
CARVER tire air pumps—Newton Mfg. Corp., Plainville, Conn.
CARVER'S corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
CARVER'S pruning shears—Carver Tool Works, Spring Valley, N. Y.
CARWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
CAREY BOARD wall boards—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
CARY hydro-carbon burners—Braun-Knecht-Heimann Co., 576-584 Mission, San Francisco, Cal.
CARY tempering—Cary Spring Wks., 240 W 29th, New York
CARY'S box straps, box fasteners, metal joint fasteners, soft annealed bands & flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
CARZACK canvas stitching belting—Carton Belting Co., 52 Everett, Allston, Mass.
CASADAY plows—South Bend Chilled Plow Co., South Bend, Ind.
CASCADE automobile oil soap—Cataract Refining & Mfg. Co., Buffalo, N. Y.
CASCADE bidets—J. L. Mott Iron Works, Trenton, N. J.
CASCADE boiler circulators—McNab Co., Bridgeport, Conn.
CASCADE lubricating oils & greases—Swan & Finch Co., 165 Broadway, New York
CASCADE trench pumps—Van Nouhuys Machine Wks., Albany, N. Y.
CASCADE waterproof belting—Laurence Belting Co., 111 Chambers, New York
CASCADE STICK belt dressing—Cataract Refining & Mfg. Co., Buffalo, N. Y.
CASCO packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
CASE boiler compounds—Globe Boiler Compound Co., Binghampton, N. Y.
CASE furnaces, hydro-carbon burners & portable oil forges—Denver Fire Clay Co., Denver, Colo.
CASE plows, harrows, cultivators, planters, listers, etc.—J. I. Case Plow Works, Racine Wis.
CASE threshers, cultivators, graders, traction engines, baling presses & silo fillers—J. I. Case Threshing Machine Co., Racine, Wis.
CASE EASY NORTHERN cultivators—J. I. Case Plow Wks., Racine, Wis.
CASE EASY SOUTHERN cultivators—J. I. Case Plow Wks., Racine, Wis.
CASE-HARDO compounds—Bell & Gossett, 609 W 30th, Chicago, Ill.
CASE-HARDO compounds—C. G. Buchanan Chemical Co., Norwood, Cincinnati, Ohio
CASEITE case hardening materials—Bell & Gossett Co., 609H W 30th, Chicago, Ill.
CASEY railway lanterns—Keystone Lantern Co., Dept. H, Tacony & Cottman, Phila., Pa.
CASGRAIN pile caps—Vulcan Iron Works, 327 No. Irving av, Chicago, Ill.
CASH STANDARD reducing & regulating valves—A. W. Cash Co., Decatur, Ill.
CASITE cupels—Denver Fire Clay Co., Denver, Colo.
CASKEY pnuematic riveters, presses, punches—F. F. Slocomb & Co., 14th & Poplar, Wilmington, Del.
CASLER boring heads—Marvin & Casler Co., Canastota, N. Y.
CASSADY screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
CASSAPOLIS grain drills—Dowagiac Drill Co., Dowagiac, Mich.
CASTELL lead pencils—A. W. Faber, 41 Dickerson, Newark, N. J.
CASTLE post caps & bases flanges, iron bands, tank plates, sheet & structural steel—A. M. Castle & Co., 713 N Morgan, Chicago, Ill.
CASTORINE axle oil—Baum's Castorine Co., Rome, N. Y.
CASTOROL belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
CATARACT lubricating oils & grease—Swan & Finch Co., 165 Broadway, New York
CATCHPOLE heaters—Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
CATLIN key-seating machines—Wheland Co., Chattanooga, Tenn.
CAT'S PAW rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
CATTARAUGUS creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
CATTARAUGUS knives, shears & scissors, razor strops & painters' scrapers—Cattaraugus Cutlery Co., Little Valley, N. Y.
CAXTON adjustable window shades & blackboard erasers—Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
CAYAUGA cement—Cayauga Cement Corp., Ithaca, N. Y.
CAYUGA mica plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.
CEACO clothes pin mchy, controllers, regulators & relay for electrical contact—Cable Electric Appliance Co., Boston, 30, Mass.
CEAG electric miners safety lamps—Concordia Electric Co., Union Arcade bldg, Pittsburgh, Pa.
CECIL cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CECIL lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CECO valves, pumps & spray systems—Chemical Co., 2457 S Western av, Chicago, Ill.
CEDAR-FLUFF sweeping compounds—Standard Chemical Co., Houston, Tex.
CEDAR HOLLOW lime—Chas. Warner Co., I. O. O. F. bldg, Wilmington, Del.
CEDARINE furniture polish—Channell Chemical Co., 4501 Western blvd, Chicago, Ill.
CEDAR-SWEEP compounds—Cedar-Sweep Co., Los Angeles, Cal.
CEDAR-WAXINE sweeping compounds—Standard Chemical Co., Houston, Tex.
CEDO-CIDE insecticides—Standard Chemical Co., Houston, Texas.
CEDRO oil furniture polish—Standard Chemical Co., Houston, Tex.
CEE TEE CO. gas pliers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
CEFCO incandescent lamp coloring—C. E. Francke & Co., 440 Orleans, Chicago, Ill.
CEIL BOARD wall boards—Philip Carey Mfg. Co., 338 Wayne av, Lockland, Cincinnati, Ohio
CELERITAS filter paper—A. Daigger & Co., 54 W. Kinzie, Chicago, Ill.
CELFOR drills, drill chucks, drill sockets & countersinks—Clark Equipment Co., Buchanan, Mich.
CELLO marine hardware, army canteens, hot water bottles—A. S. Campbell Co., 276 Commercial, Boston, Mass.
CELLO vanadium steel—McInnes Steel Co. (Ltd.), Corry, Pa.
CELLO white closet seats—Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
CELLULAR radiators—Western Radiator Co., 410 N Western av, Chicago, Ill.
CELTIC rubber hose—Voohees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CELLUVARNO bath room fixtures & furnishings—Sillocks-Miller Co., South Orange, N. J.
CELOX wood & metal primers—Valentine & Co., 456 4th av, New York
CEMCOAT waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York
CEMELINE waterproofing materials & brick paints—Richmond Bros., 616 Main, Cincinnati, Ohio
CEMENTCO brick paints—Wm Waterall & Co., Camden, N. J.
CEMENTECT cement paint & filter—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
CEMENTHIDE cement coating & waterproofing materials—Patton Paint Co., Milwaukee, Wis.
CEMENTKOTE brick paints—Tropical Paint & Oil Co., W 70th, Cleveland, Ohio
CEMO bessemer ferro silicon—Chattanooga Electro Metals Co., Chattanooga, Tenn.
CENCO beam & pipe clamps, floor plates & pipe hangers—C. Erwin Norman & Co., 18H W. Kinzie, Chicago, Ill.
CENTAUR cutlery, razors, shears & scissors & can openers—Sperry & Alexander Co., 79 Chambers, New York
CENTENNIAL bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
CENTENNIAL fanning mill—Freeman Mfg. Co., Racine, Wis.
CENTENNIAL laundry stoves—D. R. Sperry & Co., Batavia, Ill.
CENTENNIAL rain water cut-offs—Sullivan-Geiger Co., Indianapolis, Ind.
CENTENNIAL rat insecticides—Geo. H. Schafer & Co., Fort Madison, Iowa
CENTER DRIVE CELL DROP cotton planters—J. I. Case Plow Wks., Racine, Wis.
CENTERFILLED mattresses—Empire Mattress Co., 2231 W. Madison, Chicago, Ill.
CENTERFIRE spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
CENTEX lenses—Bausch & Lomb Optical Co., Rochester, N. Y.

CENTRAL ash & garbage cans, ash sieves, coal hods, watering pots—Central Stamping Co., 172 Fulton, New York
CENTRAL bath fittings & boiler couplings—Central Brass Mfg. Co., 6206 Cedar, Cleveland, Ohio
CENTRAL hose nozzles—L. R. Nelson, Peoria, Ill.
CENTRAL interior conduits—Central Tube Co., 1st National Bank bldg., Pittsburgh, Pa.
CENTRAL oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.
CENTURY asbestos lumber smoke jacks—Asbestos, Shingle, Slate & Sheathing Co., Ambler, Pa.
CENTURY barn door hangers—Lawrence Bros., Sterling, Ill.
CENTURY bean snippers—Gowanda Agricultural Works, Gowanda, N. Y.
CENTURY bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
CENTURY carriage top dressing—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
CENTURY cattle guards—Century Materials Co., Monadnock blk, Chicago, Ill.
CENTURY core oils—Swan & Finch Co., 165 Broadway, New York
CENTURY creosoting works—Michigan Wood Preserving Co., Century bldg, Pittsburgh, Pa.
CENTURY cushion springs—D'Arcy Spring Co., Kalamazoo, Mich.
CENTURY deadening felts—United Roofing & Mfg. Co., Morris bldg., Phila., Pa.
CENTURY elec. testing instruments—Century Electrical Co., Syracuse, N. Y.
CENTURY fans & motors—Century Electric Co., 19th & Pine, St. Louis, Mo.
CENTURY gas stoves, hot air furnaces & water heaters—Century Stove & Mfg. Co., Johnstown, Pa.
CENTURY insulating tape—American Electrical Works, Philipsdale, R. I.
CENTURY oak flooring—M. B. Farrin Lumber Co., Station av & Winton pl, Cincinnati, Ohio
CENTURY rubber belting & rubber belt conveyors—Jeffrey Mfg. Co., Columbus, Ohio
CENTURY rubber stamps—Century Rubber Stamp Works, 551 Pearl, New York
CENTURY side mills—Wrightsville Hardware Co., Wrightsville, Pa.
CENTURY sink strainers—Roseland Can & Specialty Co., Rockford, Ill.
CENTURY spray pumps—Deming Co., Salem, O.
CENTURY barrel spray & whiteweship outfit—Deming Co., Salem, O.
CENTURY steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.
CENTURY tires—Century Plainfield Tire Co., North av, Plainfield, N. J.
CENTURY waterproofing materials—Century Mfg. Co., 272 W. Genesee, Buffalo, N. Y.
CENTURY wood paving blocks—Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
CERNCO automobile ammeters—National Gauge & Equipment Co., La Crosse, Wis.
CERTAIN-TEED asphalt shingles—Certain-teed Products Corp., Boatman's Bank bldg, St. Louis, Mo.
CERTAIN-TEED roofing products & paints—Certain-teed Products Corp., York, Pa.
CESTA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
CETUS oil—Texas Company, 17 Batery pl, New York
CE-VE railway varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
CEYLON foundry facings, plumbago—T. P. Kelly & Co., 355 W. 26th, New York
CHACE oil cans—Consolidated Fruit Jar Co., New Brunswick, N. J.
CHACE oilers—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
CHADBOURNE valve & service boxes—Builders Iron Foundry, 9 Codding, Providence, R. I.
CHADWICK engines—Chadwick Engineering Works, Pottstown, Pa.
CHAFFEE fish lines—Chaffee Mfg. Co., Willimantic, Conn.
CHAIN BELT concrete mixers—Chain Belt Co., Milwaukee, Wis.
CHALLENGE boiler compounds—A. W. Chesterton Co., 64 India, Boston, Mass.
CHALLENGE carving lathes—Valley City Machine Works, Grand Rapids, Mich.
CHALLENGE churns—Mason Mfg. Co., Canton, Ohio
CHALLENGE cultivators—Ohio Cultivator Co., Bellevue, Ohio
CHALLENGE gas engines, grinding mills, silos, pumping jacks, sweep horse powers, tank heater & windmills—Challenge Co., Batavia, Ill.
CHALLENGE hot air furnaces—Barber Mfg. Co., Ashtabula, Ohio
CHALLENGE hydro-carbon burners—Calkins Co., Los Angeles, Cal.
CHALLENGE lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
CHALLENGE marine steering wheels—Thos. Laughlin Co., Portland, Me.
CHALLENGE milling cutters, etc—W. S. High Speed Steel & Tool Corp., 489 5th av, New York
CHALLENGE ore feeders—Kennery Van Saun Mfg. & Eng. Corp., 120 B'way, New York
CHALLENGE proof presses—Challenge Machy. Co., Grand Haven, Mich.
CHALLENGE screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
CHALLENGE shoe blacking & polishes—Jas. S. Mason Co., 136 N. Front, Phila., Pa.
CHALLENGE shovels—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
CHALLENGE steam cookers—Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, Ohio
CHALLENGE steel tape—Lufkin Rule Co., Saginaw, Mich.
CHALLENGE window screens—Union Screen Co., 306 Carpenter, Providence, R. I.
CHALLENGE PORCELAIN refrigerators—Challenge Refrigerator Co., Grand Haven, Mich.
CHAMBERLAIN pumping jacks—Chamberlain Machine Works, Waterloo, Ia.
CHAMBERLIN whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
CHAMET bronze rods—Chase Metal Wks. & Case Rolling Mill Co., Waterbury, Conn.
CHAMOIS cheese cloth wipers—Sanitary Rag Co., Kalamazoo, Mich.
CHAMPION adze—Am. Axe & Tool Co., Glassport, Pa.
CHAMPION babbitt metal—Paul K. Brown Co., 101 Warren, New York
CHAMPION barrel covers—M. H. Parks & Co., Winchendon, Mass.
CHAMPION barrel heaters—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
CHAMPION barrel heaters—John S. Oram Co., 1316 E. 53rd, Cleveland, Ohio
CHAMPION barrel leveling machines—T. Johnson Co., 108 S. La Salle, Chicago, Ill.
CHAMPION bee smokers—Kretchmer Mfg. Co., Council Bluffs, Ia.
CHAMPION belt dressing—Alonzo K. Lynch, 310 Flushing av, Brooklyn, N. Y.
CHAMPION bench sanders—Valley City Machine Works, Grand Rapids, Mich.
CHAMPION blacksmith's tools, angle benders, drills, blast forges, power hammers, screw plates, cream separators, tap wrenches, etc.—Champion Blower & Forge Co., Lancaster, Pa.
CHAMPION blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
CHAMPION boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
CHAMPION brick mould sanding machines—Chas. Waldron, Haverstraw, N. Y.
CHAMPION broad axes—American Axe & Tool Co., Glassport, Pa.
CHAMPION bush hooks—Dunn Edge Tool Co., Oakland, Me.
CHAMPION canvas belting—Empire Tire & Rubber Corp., Trenton, N. J.
CHAMPION canvas wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
CHAMPION car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
CHAMPION carbonators & water lifts—Bishop & Babcock Co., 1204 E 55th, Cleveland, O.
CHAMPION cattle stanchions—Bryan Mfg. Co., P. O Box D., Bryan, Ohio
CHAMPION chemical engines—Am. La France Fire Engine Co., Elmira, N. Y.
CHAMPION chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.
CHAMPION corn planting drills—Moline Plow Co., Moline, Ill.
CHAMPION cranes—Champion Engineernig Co., The, Columbus, O.
CHAMPION cranes—S. G. Milton & Son, Franklin, Pa.
CHAMPION cream separators—Blanke Mfg. & Supply Co., 3rd & Wash. av, St. Louis, Mo.
CHAMPION cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
CHAMPION dishwashing machines—Hamilton-Low Co., 62 Van Winkle av, Jersey City, N. J.
CHAMPION door bumpers, holders, hinges, sash locks, filters, steel wrenches—Champion Hardware Co., Geneva, Ohio
CHAMPION door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
CHAMPION door openers—Standard Lock Co., 113 Himrod, Brooklyn, N. Y.
CHAMPION dough dividing machines & saw guards—Champion Machinery Co., Joliet, Ill.
CHAMPION drain cleaners—Iwan Bros., South Bend, Ind.
CHAMPION drilling machines—Smurr & Kamen Machine Co., 328 N. Albany, Chicago, Ill.
CHAMPION dry floor mops—Universal Brush Co., 181 Quincy, Chicago, Ill.
CHAMPION egg openers—Taplin Mfg. Co., New Britain, Conn.
CHAMPION electric air pumps & water lifts—Cleveland Faucet Co., 1205 E. 55th, Cleveland, Ohio
CHAMPION electric foundry riddles—Champion Foundry & Machine Co., 2419 W. 14th, Chicago, Ill.
CHAMPION electric lamps—Consolidated Electric Lamp Co., Danvers, Mass.
CHAMPION exhaust heads—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
CHAMPION fanning mills—J. L. Owens Co., Fulton & S. E. Huron, Minneapolis, Minn.
CHAMPION farm gates—Mason Fence Co., Lessburg, Ohio
CHAMPION fence pliers—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.
CHAMPION fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
CHAMPION fishing rods—Van Doren Mfg. Co., Chicago Heights, Ill.
CHAMPION floor grinders—Safety Emery Wheel Co., Springfield, Ohio
CHAMPION fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
CHAMPION fly traps—Reynolds Wire Co., Dixon, Ill.
CHAMPION forging machines—Beaudry & Co., Inc., 43 Bromfield, Boston, Mass.
CHAMPION garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
CHAMPION gasoline blow torches—Turner Brass Wks., Sycamore, Ill.

CHAMPION glass cutters—Fletcher, Terry Co., Forestville, Conn.
CHAMPION grain drills—Champion Drill Co., Avon, N. Y.
CHAMPION hand hoists, cranes—S. G. Milton & Son, Franklin, Pa.
CHAMPION handle switches—Frank W. Morse, 289 Congress, Boston, Mass.
CHAMPIONS hay carriers—J. E. Porter Co., Ottawa, Ill.
CHAMPION hedge knives & saw sets—Hy. Disston & Sons, Dept. H, Tacony, Phila., Pa.
CHAMPION high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
CHAMPION ice breakers—Allman Gas Engine & Machine Co., 461 Canal, New York
CHAMPION ice breakers—Dilg Mfg. & Trading Co., 27 E. 125th, New York
CHAMPION ice cream machines—Allman Gas Engine & Machine Co., 461 Canal, New York
CHAMPION incubators & brooders—J. A. Bennett & Son, Gouverneur, N. Y.
CHAMPION insecticide dusters—Leggett & Bro., 301 Pearl, New York
CHAMPION insulating cloth, insulating tape & paints—Chicago Mica Co., Valparaiso, Ind.
CHAMPION kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
CHAMPION land & field rollers—Thornbaugh Mfg. Co., Bowling Green, Ohio
CHAMPION lathe & saw—Millers Falls Co., 28 Warren, New York
CHAMPION lawn spray sprinklers—Thos. Cadwallader, Salem, Ohio
CHAMPION leather washers—Providence Belting Co., 7 Beverly, Providence, R. I.
CHAMPION leg bands—Thos. Cadwallader, Salem, Ohio
CHAMPION lock mortising machines—J. Leukart Co., 44 E. Columbus, Columbus, Ohio
CHAMPION logging tools—American Logging Tool Co., Evart, Mich.
CHAMPION lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
CHAMPION lubricating oils & greases—Indian Refining Co., 244 Madison av, New York
CHAMPION maple sugar evaporators—Champion Evaporator Co., Hudson, Ohio
CHAMPION maple sugar evaporators—G. H. Grimm, Rutland, Vt.
CHAMPION metallic weather strips—Champion Metal Weather Strips & Parting Bead Co., 12 Columbia, Boston, Mass.
CHAMPION mop wringers & sprocket wrenches—Ayes & Co., 1812 Ellen, Chicago, Ill.
CHAMPION mops—Hamblin & Russell, Worcester, Mass.
CHAMPION oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.
CHAMPION paints & roofing cements—John Briggs & Co., 45 Purchase, Boston, Mass.
CHAMPION pipe wrenches—Greene, Tweed & Co., 109 Duane, New York
CHAMPION plow mfrs.—Billups, C., Son & Co., Norfolk, Va.
CHAMPION post drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
CHAMPION post hole diggers—F. E. Kohler Co., Canton, Ohio.
CHAMPION post hole diggers—Ohio Cultivator Co., Bellevue, Ohio
CHAMPION post hole diggers—Seymour Mfg. Co., Seymour, Ind.
CHAMPION potato diggers—Messinger Mfg. Co., Tetamy, Pa.
CHAMPION potato sprayers—Leggett & Bro., 301 Pearl, New York
CHAMPION power hammers—Beaudry & Co., Inc., 43 Bromfield, Boston, Mass.
CHAMPION ratchet wrenches—Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.
CHAMPION rock crushers, belt conveyors, revolving screens—American Road Machinery Co., Kennett Square, Pa.
CHAMPION root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
CHAMPION rubber bottles—Tyer Rubber Co., Andover, Mass.
CHAMPION sand & gravel heaters & dryers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
CHAMPION saw gauges—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
CHAMPION saw swages—A. E. White Machine Wks., Eau Claire, Wis.
CHAMPION scales & nail pullers—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
CHAMPION screw drivers—Union Hardware Co., Torrington, Conn.
CHAMPION self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
CHAMPION sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
CHAMPION spark plugs—Champion Spark Plug Co., Toledo, Ohio
CHAMPION spring hinges—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
CHAMPION stalk cutters—Kingman Plow Co., Peoria, Ill.
CHAMPION steam traps—Kieley & Mueller, 34 W. 13th, New York
CHAMPION steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
CHAMPION stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.
CHAMPION storage batteries—Hector C. MacRae, 316 St. Paul, Baltimore, Md.
CHAMPION stove linings—Rutland Fire Clay Co., Rutland, Vt.
CHAMPION stoves—Champion Stove Co., 4001 W. 25th, Cleveland, Ohio
CHAMPION swatters—Merrifield Co., Springvale, Me.
CHAMPION tailors' pressing machines—Edw. J. Geyer, Rochester, N. Y.
CHAMPION tools, tool holders, tool & vise stands, molders' benches, expanding mandrels, hack saw machines—Western Tool & Mfg. Co., Springfield, Ohio
CHAMPION traction engines, hay presses—Famous Mfg. Co., East Chicago, Ind.
CHAMPION truss hoops—Wabash Truss Hoop Co., Mt. Carmel, Ill.
CHAMPION varnishes—Chicago Mica Co., Valparaiso, Ind.
CHAMPION vises—Bonney Forge & Tool Works, Allentown, Pa.
CHAMPION wagon jacks—Torrey Bros. Co., Central Village, Conn.
CHAMPION windmill regulators—Hunt, Helm, Ferris & Co., Harvard, Ill.
CHAMPION wood mortising machines—Colgan Machinery & Supply Co., Columbus, Ohio
CHAMPION wood sawing machines—Weaver & Co. New Oxford, Pa.
CHAMPION woven wire fences—Mason Fence Co., Leesburg, Ohio
CHAMPION LOCK stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
CHANARCH car flooring—Dunbar Mfg. Co., 325 N Leamington av, Chicago, Ill.
CHANDLER—Chandler Motor Car Co., E 131st & St. Clair av, Cleveland, Ohio
CHANDLER bench vises—Barbour Stockwell Co., Cambridge, Mass.
CHANDLER'S ice cutting machines—C. E. Jennings & Co., 71 Murray, New York
CHANDOS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
CHANELATH expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
CHANNEL barn door hangers—S. B. Martin, Dalton, Ohio
CHANNEL split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
CHANNELENE grease—Monarch Mfg. Co., Ironville, Toledo, Ohio
CHANNON centrifugal pumps—H. Channon Co., 150 N. Market, Chicago, Ill.
CHANTRELL locks & latches—Chantrell Hardware & Tool Co., Reading, Pa.
CHAPIN cream dippers—Louis A. Boettiger Co., Leonard, New York
CHAPIN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
CHAPMAN adjustable drum, armature & field coil winding machines—P. E. Chapman, 10th & Walnut, St. Louis, Mo.
CHAPMAN automatic screw machines—Chapman Machine Corp., Terryville, Conn.
CHAPMAN cake molds, egg beaters, cream dippers & measuring cups—Chapman Co., Geneva, N. Y.
CHAPMAN type bearing for power transmission purpose, ball shaft hanger bearings—Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
CHAPMAN electric neutralizers—Chapman Electric Neutralizer Co., Portland, Me.
CHAPMAN electric railway signals—Chas. N. Wood Co., 2941H Washington, Boston, Mass.
CHAPMAN flush plugs—Bryant Electric Co., Bridgeport, Conn.
CHAPMAN gas engines & sickle grinders—H. L. Chapman, Marcellus, Mich.
CHAPMAN gas producers—Chapman Engineering Co., Mt. Vernon, Ohio
CHAPMAN jacks—Chapman Jack Co., 45th & Lakewood av, Minneapolis, Minn.
CHAPMAN lightning arresters—Minnesota Electric side av, Cleveland, Ohio
CHAPMAN process electric neutralizer—Portland Co., Portland, Me.
CHAPMAN sleigh runner attachments—A. E. Cartier Sons Co., Ludington, Mich.
CHAPMAN steam traps—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
CHAPMAN valves & indicator posts—Chapman Valve Mfg. Co., Indian Orchard, Mass.
CHARIOT steam hose—Republic Rubber Co., Youngstown, Ohio
CHARLTON velvet lamp black—Bihn & Wolff Co., Asr & Almond, Phila., Pa.
CHARMER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
CHARMER steam heaters—Freed Heater Co., Collegeville, Pa.
CHARPY impact testing machines—Sauveur & Boylston, Cambridge, Mass.
CHARTER gasoline hoists & portable engines on wheels—Charter Gas Engine Co., Sterling, Ill.
CHARTER OAK belt dressing & belting—N. Palmer & Co., Bridgeport, Conn.
CHARTER OAK farm wagons—Joel Turney & Co., Fairfield, Ia.
CHARTER OAK horse brushes—Standard Brush Co., New Hartford, Conn.
CHARTER OAK saftey fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
CHASE belt fasteners—Strong Machy. & Supply Co., 21 Walker, New York
CHASE brass, bronze, copper & nickel-silver rod wire, sheets & tubing—Chase Metal Wks. & Chase Rolling Mill Co., Waterbury, Conn.
CHASE elevating trucks—Chase Foundry & Mfg. Co., The, 2700 S. Parsons av, Columbus, O.
CHASE leather wall coverings & velvets—L. C. Chase & Co., 89 Franklin, Boston, Mass.

CHASE nipple couplings—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CHASE tower wagons—Chase Motor Truck Co., Syracuse, N. Y.
CHASE'S grooving machines, thumbhole cutting machines—Chase Turbine Mfg. Co., Orange, Mass.
CHASECO electric illuminated signs—Chase Electric Co., 105 S. Dearborn, Chicago, Ill.
CHASE ECONOMY road graders—Chase Foundry & Mfg. Co., The, 2700 S Parsons av, Columbus, O.
CHASSE mouse traps— Shann Mfg. Co., Middletown, N. Y.
CHASSIC cleanser—Green Oil Soap Co., 166 N Curtis, Chicago, Ill.
CHATHAM incubators & brooders & grain graders—Manson-Campbell & Sons Co., 45 Federal, Detroit, Mich.
CHATHAM lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CHATILLON butcher's saws—Jno. Chatillon & Sons, 85 Cliff, New York
CHATTANOOGA concrete & wooden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
CHATTANOOGA disc harrows—Ohio Rake Co., Dayton, Ohio
CHATTANOOGA plows, evaporators & potato diggers —Chattanooga Plow Co., Chattanooga, Tenn.
CHATTANOOGA wagons—Chattanooga Wagon Co., Chattanooga, Tenn.
CHATTERTON insulating compounds—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
CHAUMONT white lime—Adams & Duford Co., Chaumont, N. Y.
CHAUTAUQUA bread mixers—Wm. Vogel & Bros., 37 S. 9th, Brooklyn, N. Y.
CHAUTAUQUA eaves trough hangers—F. E. Albro, Mayville, N. Y.
CHECKLOCK grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CHEERFUL HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
CHEERFUL SUNSHINE steel ranges—Reading Stove Works, Reading, Pa.
CHELSEA fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
CHELSEA inkstands & wells—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CHELSEA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CHELTON shallow push switches—Chelton Electric Co., Stenton & Rockland, Phila., Pa.
CHEMCO acid concentrators—Chemical Construction Co., Charlotte, N. C.
CHEMCRAFT chemical outfit toys—Porter Chemical Co., Hagerstown, Md.
CHEMETAL acid metal pumps—Nassau Valve & Pump Co., Rockville Centre, Long Island, N. Y.
CHENEY anvil & vise—Fulton Iron Works, 39 Franklin, Detroit, Mich.
CHENEY nail hammers—Henry Cheney Hammer Co., Little Falls, N. Y.
CHEROKEE cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.
CHEROKEE marble—Georgia Marble Co., Tate, Ga.
CHERRY VALLEY pig iron—United Iron & Steel Co., Cleveland, Ohio
CHESHIRE lime—Palmer Lime & Cement Co., 103 Park av, New York
CHESTERMAN measuring tapes—Wiebusch & Hilger, 106 Lafayette, New York
CHESTERTON packing & gauge glass cutters—A. W. Chesterton Co., 64 India, Boston, Mass.
CHEYENNE goggles and eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
CHIC condensation pumps—Chicago Pump Co., 2342 Wolfrom, Chicago, Ill.
CHIC shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
CHICA paste—Ermecke & Salmsten Co., 944 W. North av, Chicago, Ill.
CHICAGO adjustable window shade—Caxton School Supply Co., 560 W. Monroe, Chicago, Ill.
CHICAGO auto polishing machines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
CHICAGO belt fasteners & automobile jacks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
CHICAGO boiler flue & tube cleaners—Seehausen, Wehrs & Co., 173 N. Franklin, Chicago, Ill.
CHICAGO car couplers—National Malleable Castings Co., 7706 Platt av S. E., Cleveland, Ohio
CHICAGO car derailers, crossing & block signals—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
CHICAGO carbon removers—Chicago Automobile Supply House, 1351 S. Michigan av, Chicago, Ill.
CHICAGO centrifugal pumps—Plant Engineering & Equipment Co., Inc., 192H Bway, New York
CHICAGO coffee roasters—Dunbar & Co., 2652 W. Lake, Chicago, Ill.
CHICAGO concrete mixers— Chicago Concrete Machinery Co., Majestic bldg, Milwaukee, Wis.
CHICAGO cork lined faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
CHICAGO cornice brakes—Dreis & Krump Mfg. Co., 2911 S. Halsted, Chicago, Ill.
CHICAGO cotton rope—Anniston Cordage Co., Anniston, Ala.
CHICAGO door springs & spring hinges—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
CHICAGO dusters—Weil Ransom Co., 816 Fulton, Chicago, Ill.
CHICAGO emery, corundum & leather buffing wheels —Chicago Wheel & Mfg. Co., 1101 W. Monroe, Chicago, Ill.
CHICAGO engine centering jacks—McMaster Carr Supply Co., 174 N. Market, Chicago, Ill.
CHICAGO gate latches—Duffy Mfg. Co., 214 W. Grand av, Chicago, Ill.
CHICAGO general purpose machine—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
CHICAGO glass desk pad—Chicago Mirror & Art Glass Co., 216 N. Clinton, Chicago, Ill.
CHICAGO goggles, eye protectors, respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
CHICAGO heat regulators—Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.
CHICAGO horse clipping machines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
CHICAGO hot air clothes dryers—Domestic Laundry Equipment Corp., 224 W. 26th, New York
CHICAGO injectors, lubricators & oil & grease cups—Ohio Injector Co., Wadsworth, Ohio
CHICAGO clothes dryers, washing machinery, ironing boards & machines & laundry stoves—Chicago Dryer Co., 630 S. Wabash, Chicago, Ill.
CHICAGO note book holders—Galesburg Writing Machine Co., Galesburg, Ill.
CHICAGO perforating machines—Cummins Perforator Co., 4740 W. Ravenswood Park av, Chicago, Ill.
CHICAGO roll paper cutters—N. R. Streeter & Co., Rochester, N. Y.
CHICAGO rubber hose— Empire Tire & Rubber Corp., Trenton, N. J.
CHICAGO scales—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
CHICAGO seeders & sowers—Cyclone Seeder Co., Urbana, Ind.
CHICAGO time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
CHICAGO truck & tractor radiator fender, hooks & gas tanks—Chicago Mfg. Co., 1464 S. Michigan av, Chicago, Ill.
CHICAGO typewriters—Galesburg Writing Machine Co., Galesburg, Ill.
CHICAGO universal pneumatic hose couplings—Chicago Pneumatic Tool Co., 6 E. 44th, New York
CHICAGO valves—Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
CHICAGO wire rope clips—Chicago Wire Rope Preserver Co., 315 S. La Salle, Chicago, Ill.
CHICAGO wire rope sockets—Chicago Steel Foundry Co., 3701 S. Kedzie av, Chicago, Ill.
CHICAGO AA cement—Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.
CHICAGO Francis clothes dryers—Chicago Dryer Co., 630 S. Wabash av, Chicago, Ill.
CHICAGO GRIP Comealongs—Mathis Klein & Sons, 3200 Belmont, Chicago, Ill.
CHICAGO LAUNDRY clothes dryers—Chicago Dryers Co., 630 S. Wabash av, Chicago, Ill.
CHICAGO PNEUMATIC compressors — Chicago Pneumatic Tool Co., 6 E. 44th, New York
CHICAGO RAPIDO clothes dryers—Chicago Dryers Co., 630 S. Wabash av, Chicago, Ill.
CHICKASAW hollow blast grate bars—Chickasaw Mach. & Fdry. Co., Memphis, Tenn.
CHICKASAW oak flooring—Memphis Hardwood Flooring Co., Memphis, Tenn.
CHICKEN clover cutters & feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
CHICORA flax packing—General Asbestos & Rubber Co., Charleston, S. C.
CHICOT hammer handles—American Handle Co., Jonesboro, Ark.
CHIEF barn cupolas & metal bldg corners—Shrauger & Johnson, Atlantic, Ia.
CHIEF grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
CHIEF maple flooring—Kerry & Hanson Flooring Co., Grayling, Mich.
CHIEF stump pullers—C. D. Edwards, Albert Lea, Minn.
CHIEF wall plaster—Romen Nose Gyp. Co., Bickford, Okla.
CHIEF SENTRY gasoline pump—S. F. Bowser & Co., Fort Wayne, Ind.
CHIEFTAIN belting—Smyth-Despard Co., Utica, N. Y.
CHIEFTAIN metallic shingles—Berger Mfg. Co., Canton, Ohio
CHI-FAU-CO. cocks & bibbs, faucets & drinking fountains—Chicago Faucet Co., 315 S. Clinton, Chicago, Ill.
CHILDLAND lead pencils—American Lead Pencil Co., 220 5th av, New York
CHILD'S fire extinguisher & hose clamps—O. J. Childs Co., Utica, N. Y.
CHILDS COMFORT closet seats—Schwab Bros. Co., 811 E. 9th, New York
CHILLINGWORTH gear cases—Thayer & Co., 111 Broadway, New York
CHILLY KING milk coolers—Chas. Skidd Mfg. Co., Kenosha, Wis.
CHILSON stoves—Chilson Furnace Co., Mansfield, Mass.
CHINA INDEX HANDLE basin cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
CHINA LAC floor finish—Patterson-Sargent Co., 1325 E. 38th, Cleveland, Ohio
CHINALINE enamels—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
CHINA MAKER crayons—Standard Crayon Mfg. Co., Danvers, Mass.
CHI-NAMEL cement floor coatings & varnish—Ohio Varnish Co., 8604 Kinsman, Cleveland, Ohio
CHINESE paint brushes—Rennous, Kleinle & Co., 3221 Frederick av, Baltimore, Md.
CHIPPENDALE QUALITY table glassware—Jefferson Glass Co., Follansbee, W. Va.
CHIRRY miners' safety lamps—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
CHI-VAR-CO auto varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.

CHLORIDE storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
CHOLLAR'S feed water purifiers—Stacey Mfg. Co., Big Four RR & Township av, Elmwood, Cincinnati, Ohio
CHOQUETTE waste savers—Torrance Mfg. Co., Harrison, N. J.
CHORE BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
CHOUAGUEN shade cloth—Oswego Shade Cloth Co., Oswego, N. Y.
CHRIST coal jigs—Tamaqua Mfg. Co., Tamaqua, Pa.
CHRISTEN blacksmiths' bellows—J. C. Christen Mfg. Co., Main & Dock, St. Louis, Mo.
CHRISTENSEN electric car brakes—Allis-Chalmers Mfg. Co., W. Allis, Milwaukee, Wis.
CHRISTIANA suction hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CHRISTY kitchen knives & egg & cream beaters—Christ Knife Co., Fremont, Ohio
CHUM heating stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
CHURCH belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
CHURCH wire stretchers & woven wire fences—Church Bros., Adrian, Mich.
CHUSE engines—Chuse Engine & Mfg. Co., Mattoon, Ill.
CIBULAS sash operating devices & ventilators—General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
CINCH expansion bolts—National Lead Co., 111 Broadway, New York
CINCH fence stays—Worth Wire Works, Kokomo, Ind.
CINCH fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
CINCH metal polish—American Motor Equipment Co., 181 Massachusetts av, Boston, Mass.
CINCINNATI box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
CINCINNATI drilling machine vises—Cincinnati-Bickford Tool Co., Cincinnati, Ohio
CINCINNATI frogs, switches & crossings—Cincinnati Frog & Switch Co., Oakley, Cincinnati, Ohio
CINCINNATI oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
CINCINNATI planers—Cincinnati Planer Co., Cincinnati, O.
CINCINNATI portable drilling machines—Cincinnati Electrical Tool Co., Cincinnati, Ohio
Cincinnati truss step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
CINCINNATI wire rope clips—C. M. Mockbee, 816 E Pearl, Cincinnati, Ohio
CINCINNATI TRUSCO step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
CINCINNATUS concrete mixers—Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, Ohio
CINCINNATUS rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CIN-MAN-CO. metal frame window screens—Cincinnati Mfg. Co., 1243 W 6th, Cincinnati, Ohio
CINO gate valves—D. T. Williams Valve Co., Cincinnati, Ohio
CINRUBCO insulating tape—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CIRCO lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CIRE-PERDUE bronze monuments—Roman Bronze Works, 275 Greene, Brooklyn, N. Y.
CISCO punching & shearing machinery, bending & straightening rolls, lathes, cranes—Cincinnati Iron & Steel Co., Cincinnati, Ohio
CITICO pig iron—Citico Furnace Co., Chattanooga, Tenn.
CITRUS washing powders—Citrus Soap Co., San Diego, Cal.
CITY parlor door hangers—Lawrence Bros., Sterling, Ill.
CITY GEM mail boxes—Metal Forming Corp., Elkhart, Ind.
CLAFLIN automatic tube blowers—C. A. Claflin Co., 60H Pearl, Boston, Mass.
CLAFLIN baseball & athletic shoes—Waldo M. Claflin, 107 Chestnut, Phila., Pa.
CLAFLIN AIR PISTOL air valves—C. A. Claflin Co., 60H Pearl, Boston, Mass.
CLAIRMONT belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CLA-LOID soap—Cla Loid Mfg. Co., Clermont, Ia.
CLANNY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
CLARIPHOS sugar clarifiers—Provident Chemical Wks., 8011 Idaho av, St. Louis, Mo.
CLARK automobile ammeters—Clark Elec. Meter Co., 1330 12th, Detroit, Mich.
CLARK automobile ammeters—National Gauge & Equipment Co., La Crosse, Wis.
CLARK automobile & carriage heaters—Chicago Flexible Shaft Co., 5600 W 12th, Chicago, Ill.
CLARK automobile heaters—Clark Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
CLARK ball cocks—W. J. Hyland Mfg. Co., 151H Dwight, Springfield, Mass.
CLARK corn huskers—R. F. Clark, 169 N Jefferson, Chicago, Ill.
CLARk damper regulators—Foskett & Bishop Co., New Haven, Conn.
CLARK expansive bits—Conn. Valley Mfg. Co., Centerbrook, Conn.
CLARK expansive bits—Superior Mfg. Co., Gloucester, Mass.
CLARK gas radiators—American Stove Co., 827 Chouteau av, St. Louis, Mo.
CLARK grain power shovels—Wolf Co., Chambersburg, Pa.
CLARK harrows & pulverizers, clod crushers & root cutters—Cutaway Harrow Co., Higganum, Conn.
CLARK meter boxes—H. W. Clark Co., Mattoon, Ill.
CLARK pattern expansive bits—W. A. Ives Mfg. Co., Wallingford, Conn.
CLARK pipe joint cements—Clark Cast Steel Cement Co., Shelton, Conn.
CLARK portable grain elevators—Clark Machine Co., St. Johnsville, N. Y.
CLARK safety razors—Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
CLARK tablet machines—F. J. Stokes Machine Co., 17th & Cambria, Phila., Pa.
CLARK trolley line materials—Clark Elec. & Mfg. Co., 149 Broadway, New York
CLARK trolley wire splicers—Electric Railway Equipment Co., Cincinnati, Ohio
CLARK trucks—G. P. Clark Co., Windsor Locks, Conn.
CLARK tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
CLARK'S agricultural implements—Cutaway Harrow Co., Higganum, Conn.
CLARK'S bits & wall strapers—C. E. Jennings & Co., 71 Murray, New York
CLARK'S blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
CLARK'S damper regulators—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
CLARK'S damper regulators—Enoch Rutzler Co., 404 E 49th, New York
CLARK'S emergency exit door locks—Hugh Elmer Clark & Bros., Rochester, N. Y.
CLARK'S expansive bits—James Swan Co., Seymour, Conn.
CLARK'S expansive bits & screw drivers—R. H. Brown & Co., New Haven, Conn.
CLARK'S metallic life boats & rafts—Detroit Shipbuilding Co., Brass Dept., ft. Orleans, Detroit, Mich.
CLARK'S reversible hinges—Grey Iron Casting Co., Mt. Joy, Pa.
CLARK TONNEON wind shields—A. N. Clark & Son, Plainville, Conn.
CLARKE damper regulators—E. Rutzler Co., 404 E 49th, New York
CLAROL belt dressing—Viscol Co., Cambridge, Mass.
CLARY railroad tie plates—Cleveland Railway Supply Co., Swetland bldg, Cleveland, Ohio
CLASON roof snow guards—Clason Architectural Metal Wks., 428 Kinsley av, Providence, R. I.
CLASSIC DRAWING lead pencils—American Lead Pencil Co., 220 5th av, New York
CLAUSS manicure sets, shears, scissors & razors—U. J. Ulery Co., 258 B'way, New York
CLAUSS mincing knives—Udell Works, Indianapolis, Ind.
CLAUSS shears, safety razors, knives—Clauss Shear Co., Fremont, Ohio
CLAY hydraulic packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
CLAY-JONES hose couplings—Jno. H. Clay, 1320 Ridge av, Phila., Pa.
CLEAN CLAW farriers' hammers—Champion Tool Co., Meadville, Pa.
CLEAN-CUT weed cutters—H. C. Shaw Co., Stockton, Cal.
CLEAN EASY hand soap—Wm. R. Winn, 488 Cherry, New York
CLEANER carpet beaters—Holt-Lyon Co., Tarrytown, N. Y.
CLEANOFF paint & varnish remover—Campbell Glass & Paint Co., 816 N. 7th, St. Louis, Mo.
CLEANOLA car & locomotive cleaning compounds—Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
CLEANOLA furniture polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.
CLEAN-OUT water closets—Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
CLEAN SWEEP sewer gas traps—Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
CLEAN SWEEP hay loaders—Sandwich Mfg. Co., Sandwich, Ill.
CLEAN U WELL door mats—Modern Mfg. Co., Hagerstown, Md.
CLEANWELL flexible steel mats—Pettler Wire Products Co., Beaver Falls, Pa.
CLEAR CUT grates—Marion Foundry Co., Marion Nat'l Bank bldg, Marion, Ind.
CLEARVIEW lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CLEAR VISION wind shield cleaners—American Automatic Devices Co., 515 W Monroe, Chicago, Ill.
CLEBRA gas service cocks—Cleveland Brass Mfg. Co., 4606 Hamilton, Cleveland, Ohio
CLECO pneumatic air valves—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
CLELAND SPECIAL fanning mills—Cleland Mfg. Co., Minneapolis, Minn.
CLEMCO desks—Clemetsen Co., 2607 Flournoy, Chicago, Ill.
CLEMENT band saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.
CLEOPATRA sewing machines, needles—John Thornton, Jr., 108 Worth, New York
CLERMONT hot air furnaces—Gem City Stove Co., Dayton, Ohio
CLERMONT lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CLERO automobile horns & push buttons—Fitzgerald Mfg. Co., Torrington, Conn.
CLEVELAND ale & beer pumps—Russ Co., 5700 Walworth av, Cleveland, Ohio
CLEVELAND barn door hangers—Lawrence Bros., Sterling, Ill.
CLEVELAND boiler compounds—Cleveland Mfg. & Supply Co., Wade bldg, Cleveland, Ohio
CLEVELAND blast furnaces—Cleveland Furnace Co., Clark av., S. W., & Cuyahoga River, Cleveland, O.

CLEVELAND car fenders & wheel guards, fare boxes & sand boxes—Cleveland Fare Box Co., 4900 Lexington av, Cleveland, Ohio
CLEVELAND cultivators—Empire Plow Co., 3140 E 65th, Cleveland, Ohio
CLEVELAND flushing valves—Cleveland Flush Meter Co., 118 Noble ct, Cleveland, Ohio
CLEVELAND hot air furnaces—Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio
CLEVELAND joist hangers—Columbian Hardware Co., Cleveland, Ohio
CLEVELAND milling machines—Clark-Mesker Co., 18511 Euclid av, Cleveland, O.
CLEVELAND motor cycles—Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio
CLEVELAND planing machines—open side—Cleveland Planer Works, 3150 Superior, Cleveland, Ohio
CLEVELAND pneumatic tools & valve grinders—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
CLEVELAND rock drills—Cleveland Rock Drill Co., 3734 E 78th, Cleveland, Ohio
CLEVELAND roof snow guards & wall ties—Duplex Hanger Co., E. 53rd & Lakeside av, Cleveland, O.
CLEVELAND tires—Cleveland Puncture Proof Tire Co., Columbus, Ohio
CLEVELAND traction engines — Cleveland Tractor Co., Euclid & Lamb avs, Cleveland, Ohio
CLEVELAND watchman's clocks—American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio
CLEVELAND wet tool grinders—Cleveland Automatic Machine Co., 2269 E 65th, Cleveland, Ohio
CLEVELAND-KNOWLES magnetic separators—United Iron Works, Inc., Kansas City, Mo.
CLICO corn syrup—Clinton Sugar Refining Co., Clinton, Ia.
CLIFFORD CAPELL mine ventilating fans—Elliott Co., Frick bldg, Pittsburgh, Pa.
CLIFFS bolster seat springs—Meyer & Co., Throopsville, N. Y.
CLIFTON gas engines—Clifton Motor Works, 229 E. Clifton av, Cincinnati, Ohio
CLIFTON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CLIFTON steel conduits—Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
CLIMAX ammunition—U. S. Cartridge Co., Lowell, Mass.
CLIMAX asphalt roofing & roofing paints—McHenry-Millhouse Mfg. Co., South Bend, Ind. & Fulton, N. Y.
CLIMAX automatic steam engines—Peer Mfg. Co., Comstock, Mich.
CLIMAX belt fasteners—Hudson Belt Fastener Co., 149 Church, New York
CLIMAX belting—Palmer N. & Co., Bridgeport, Conn.
CLIMAX blotting paper—Richmond Paper Co., Richmond, Va.
CLIMAX boiler compounds—H. Lewis Co., 723 W. Lake, Chicago, Ill.
CLIMAX car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
CLIMAX cellar drainers, hydrants, pipe vises, gas machines, burners, mixers, pots, soldering furnaces—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.
CLIMAX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
CLIMAX closet seat hinges & plbrs. wood work—Sherwood Brass Works, 1167 E. Jefferson, Detroit, Mich.
CLIMAX closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
CLIMAX closet seats—Meyer-Sniffen Co., 11 W. 36th, New York
CLIMAX clothes baskets—Arthur J. Moore, Dept. H, Wells River, Vt.
CLIMAX corrugated bottle wrappers—Hinde & Dauch Paper Co., Sandusky, Ohio
CLIMAX cultivators—Ohio Cultivator Co., Bellevue, Ohio
CLIMAX cupola blocks—Climax Fire Brick Co., Climax, Clarion Co., Pa.
CLIMAX damper regulators—Kieley & Mueller, 34 W. 13th, New York
CLIMAX display racks—Weston Paper & Mfg. Co., Dayton, Ohio
CLIMAX dry batteries, automobile lamps, wire connectors & wire scrapers—Sibley & Pitman Electrical Corp., 190 6th av, New York
CLIMAX expansion bolts—Brohard Co., 3rd & Lehigh, Phila., Pa.
CLIMAX fasteners—Buffalo Automatic Mfg. Co., 165 Pearl, Buffalo, N. Y.
CLIMAX feed cutters & carriers—Warsaw-Wilkinson Co., Warsaw, N. Y.
CLIMAX flexible steel belt lacing—Mfrs. Belt Hook Co., 1321 W. Congress, Chicago, Ill.
CLIMAX foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
CLIMAX grain drills—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
CLIMAX grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
CLIMAX hand power grinders—Empire Implement Mfg. Co., Albany, N. Y.
CLIMAX harrows—W. A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
CLIMAX harrows & pulverizers—Parlin & Orendorff Co., Canton, Ill.
CLIMAX hose nozzles & food choppers—Landers, Frary & Clark, New Britain, Conn.
CLIMAX hot air furnaces & steel ranges—Taplin-Rice-Clerkin Co., Akron, Ohio
CLIMAX incandescent gas & gasoline burners—Climax Mach. & Burner Co., 133 3rd av, Newark, N. J.
CLIMAX ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
CLIMAX locomotives—Climax Mfg. Co., Corry, Pa.
CLIMAX lubricating oils & greases—C. F. Sweet, Hartford, Conn.
CLIMAX mail boxes, sash locks & window anti-rattlers—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.
CLIMAX needles—Randall-Falchney Co., Boston, Mass.
CLIMAX numbering & dating machines—Traut & Hine Mfg. Co., New Britain, Conn.
CLIMAX packing—Crandall Packing Co., Palmyra, N. Y.
CLIMAX padlocks—Slaymaker Lock Co., Lancaster, Pa.
CLIMAX paper clips—Buffalo Automatic Mfg. Co., 165 Pearl, Buffalo, N. Y.
CLIMAX paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
CLIMAX plows—C. Billups Son & Co., Norfolk, Va.
CLIMAX plows—Thornburgh Mfg. Co., Bowling Green, Ohio
CLIMAX railway track drills—National-Standard Co., Box 211, Niles, Mich.
CLIMAX resistance wire—Driver-Harris Co., Harrison, N. J.
CLIMAX road scrapers—American Steel Scraper Co., Sidney, Ohio
CLIMAX rock & ore crushers, road machine & graders & stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.
CLIMAX saw clamps—Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.
CLIMAX shingle mill machinery—American Sawmill & Machinery Co., Hackettstown, N. J.
CLIMAX solid cotton belting—Fenwick Reddaway Mfg. Co., Newark, N. J.
CLIMAX step ladders—Goshen Mfg. Co., Goshen, Ind.
CLIMAX stump pullers—C. D. Edwards, Albert Lea, Minn.
CLIMAX sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
CLIMAX sweep horse powers—Gehl Bros. Mfg. Co., West Bend, Wis.
CLIMAX sweep horse powers—I. B. Rowell Co., Waukesha, Wis.
CLIMAX toe-calks—Franklin Steel Works, Joliet, Ill.
CLIMAX trucks—Lansing Co., Lansing, Mich.
CLIMAX valves—Illinois Engineering Co., W. 21st & Racine av, Chicago, Ill.
CLIMAX valves & sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.
CLIMAX ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
CLIMAX wash tub benches—Household Mfg. Co., Royersford, Pa.
CLIMAX water motors—Gaylord & Eitapenc Co., Binghamton, N. Y.
CLIMAX welding compounds—Cortland Welding Compound Co., Cortland, N. Y.
CLIMAX water supply system—Deming Co., Salem, O.
CLIMAX wire baskets—Barbee Wire & Iron Wks., Dept. H, 111 W Washington, Chicago, Ill.
CLIMAX WHEEL garden hoes—Ohio Cultivator Co., Bellevue, Ohio
CLINCH belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
CLINCHER animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
CLINCHER conductor pipe hooks—Delphos Mfg. Co., Delphos, Ohio
CLINCHER riveting machines—Star Heel Plate Co., Wilson av, Newark, N. J.
CLINCHES lightning grip vises—Massey Vise Co., 35 S. Desplaines, Chicago, Ill.
CLINCHFIELD china & pottery—Southern Potteries, Inc., Erwin, Tenn.
CLING paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
CLING-SURFACE belt & rope dressing—Cling-Surface Co., Buffalo, N. Y.
CLINTON horse nails—Ausable Essex Horse Nail Co., Keeseville, N. Y.
CLINTON mortar color—Clinton Metallic Paint Co., Clinton, N. Y.
CLINTON poultry netting—Wickwire Spencer Steel Corp., Worcester, Mass.
CLINTON rubber hose—New York Rubber Co., Reade & Church, New York
CLINTON safety pins—Oakville Co., Waterbury, Conn.
CLINTON wagons—Abingdon Wagon Co., Abingdon, Ill.
CLIO water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CLIP valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CLIPLESS paper fasteners—Clipless Paper Fastener Co., Newton, Ia.
CLIPOX paper clips—Max Yessler, Inc., Milwaukee, Wis.
CLIPPER axes, rag cutter knives, scythes—Dunn Edge Tool Co., Oakland, Me.
CLIPPER bean & pea cleaners, bean & pea sorters, grain graders, fanning mills, alfalfa seed cleaners—A. T. Ferrell & Co., Saginaw, Mich.
CLIPPER belt fasteners, belt lacing & belt lacing machines—Clipper Belt Lacer Co., 1042 Front av, Grand Rapids, Mich.
CLIPPER breaking plows—S. R. White's Sons, Norfolk, Va.
CLIPPER carpet sweeper—Samuel Lewis, 73 Barclay, New York
CLIPPER cultivators—Peru Plow & Wheel Co., Peru, Ill.
CLIPPER door hangers—Lawrence Bros., Sterling, Ill.

CLIPPER egg & cream beaters, lemon squeezers—Giles & Nielsen Nickel Works, Troy, N. Y.
CLIPPER fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
CLIPPER feed cutters—A. B. Farquhar Co., Ltd., York, Pa.
CLIPPER green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
CLIPPER lawn mowers & gasoline engines—Clipper Lawn Mower Co., Dixon, Ill.
CLIPPER well drilling machinery—Loomis Machine Co., Tiffin, Ohio.
CLIPPER wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
CLIPPINGER steel corn cribs—A. B. Clippinger & Son Mfg. Co., Kansas City, Kan.
CLOSIN lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CLOUGH gasoline burners—Theo. Clough, Dobbs Ferry, N. Y.
CLOVER carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
CLOVER closet tanks—J. C. Eichman Mfg. Co., Bush & Wicomico, Baltimore, Md.
CLOVER lead pencils—American Lead Pencil Co., 220 5th av, New York
CLOVER rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
CLOVER rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
CLOVER safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
CLOVER water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio.
CLOVER LEAF lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
CLOVER LEAF thumb tacks—Hampden Mfg. Co., 108 Fulton, New York
CLOVERLEAF unloaders—F. E. Myers & Bro., Ashland, Ohio
CLOVER LEAF X-ray tubes—Green & Bauer, Hartford, Conn.
CLOVER TRIUMPH gas heaters—Phila. Stove & Iron Foundry Co., 1631 N. 5th, Phila., Pa.
CLOW valves, water lifts—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
CLOW TEMPERATURE BOOSTER pressure reducing valves—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
CLYDE kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.
CLYDE lime hydrating machinery—H. Miscampbell, Duluth, Minn.
CLYDE log loaders, log skidding & loading machines, stump pullers—Clyde Iron Works Sales Co., Duluth, Minn.
CLYDESDALE gauge glasses—United Asbestos & Packing Co., 619-629 Washington blvd, Chicago, Ill.
CLYOD flooring clamps—Hardware Specialty Mfg. Co., Anderson, Ind.
COAL King stoves—Price-Evans Foundry Co., Chattanooga, Tenn.
COAL SAVER hot air furnaces—Detroit Stove Wks., 1320 Jefferson av, Detroit, Mich.
COASTER scooters—Maine Machine Works—701 N Main, Los Angeles, Cal.
COATES flexible shaft hair clippers, portable drilling & bracket boring machines—Coates Clipper Mfg. Co., Worcester, Mass.
COBB'S piston packing—New York Belting & Packing Co., 91 Chambers, New York
COBURN barn door hangers, cranes, doors, hdwe. mfrs., fittings, ladders, overhead trolleys & trolley tracks—Coburn Trolley Track Mfg. Co., P. O. Box 721, Holyoke, Mass.
COBURN-TAYLOR rag cuting machines—B. F. Perkins & Son, Holyoke, Mass.
COBWEB carbon paper—A. P. Little, Rochester, N. Y.
COBWEB wire glass—Pennsylvania Wire Glass Co., Pennsylvania bldg, Phila., Pa.
COCHECO belting, belt cements & belt lacing—J. B. Williams & Sons, Dept. H, Dover, N. H.
COCHECO metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
COCHRAN speednut wrenches—Henes Sales Corp., 179 W. Washington, Chicago, Ill.
COCHRANE feed water heaters & purifiers—H. S. B. W. Cochrane Corp., 3147H N 17th, Phila., Pa.
COCO oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
CO-CO overalls—Co-Operative Overall Co., 819 Chestnut, Chattanooga, Tenn.
CODORUS roofing paper—Schmidt & Ault Paper Co., York, Pa.
CODRU plumbers' sanitary earthenware—N. J. China Pottery Co., Trenton, N. J.
COEN mechanical fuel oil burners—Coen Co., 112 Market, San Francisco, Cal.
COE-STAPLEY oil & grease guns & syringes—Coe-Stapley Mfg. Co., West Haven, Conn.
COE-STAPLEY SPECIAL air tire pumps—Coe-Stapley Mfg. Co., West Haven, Conn.
COE'S gilding wheels—W. H. Coe Mfg. Co., 74 Weybosset, Providence, R. I.
COES wrenches—Coes Wrench Co., Worcester, Mass.
COFFIELD electric clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio
COFFIN planimeters—Ashcroft Mfg. Co., 119 W. 40th, New York
COGSWELL clay grinding machines & mills—A. & F. Brown Co., 79 Barclay, New York
COHOES freight elevators, cylinder & hot air slashers—Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
COIN compression grease cups—Wm. Powell Co., Cincinnati, Ohio
COIT drill chucks—Narragansett Machine Co., Providence, R. I.
COIT drill chucks—Standard Machinery Co., Mystic, Conn.
COLBE combination range—E. B. Colby & Co., Hoboken av, Jersey City, N. J.
COLBERT can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill
COLD HANDLE family sad irons—Gray Iron Foundry Co., Reading, Pa.
COLD HANDLE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
COLDWATER garden cultivators & manure spreaders—New Idea Spreader Co., Coldwater, Ohio
COLDWELL lawn mowers & lawn mower sharpeners—Coldwell Lawn Mower Co., Newburgh, N. Y.
COLE locomotive driving boxes—Franklin Railway Supply Co., 30 Church, New York
COLEBROOK CROWN store makers' putty—W. H. Colebrook's Sons, Syracuse, N. Y.
COLEBROOKDALE electric sad irons—Colebrookdale Iron Co., Pottstown, Pa.
COLEBROOK'S plumbers' soil—Colebrook's Sons, Syracuse, N. Y.
COLECTO annunciators—S. H. Couch Co., Norfolk Downs, Mass.
COLEMAN arc lamps—Coleman Lamp Co., 120 S. Los Angeles, Los Angeles, Cal.
COLEMAN lamps—Coleman Lamp Co., Wichita, Kan.
COLEMAN EAGLE carriage bolts—Upson Nut Co., Cleveland, Ohio.
COLES electric coffee mills, meat & food choppers—Braun Co., 1615 N 23rd, Phila., Pa.
COLE'S hot blast stoves—Cole Mfg. Co., 3218 S. Western av, Chicago, Ill.
COLGAN lubricating oils—Colgan Mfg. & Supply Co., 118 Maiden la, New York
COLLEGE lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
COLLERLEAK pipe clamps—Dayton Pipe Coupling Co., Dayton, Ohio
COLLES feed water purifiers—Sharkey & Peck, 2433 W. 18th, Chicago, Ill.
COLLICOTT'S improved—Ingall's tube scrapers—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
COLLIE padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
COLLINGE carriage axles—Lee & Porter, Buchanan, Mich.
COLLINS automobile wind shields—G. A. Collins & Son, Akron, Ohio
COLLINS metallic packing—Collins Metallic Packing Co., 56 N. 2d, Phila., Pa.
COLLINS pressure regulators—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
COLLINS tube expanders—Ajax Mfg. Co., N. S., Pittsburgh, Pa.
COLLS boiler ejectors—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
COL-MAC carburetors—Col-Mac Co., 250 South, Newark, N. J.
COLOMBO plumbago—J. S. McCormick & Co., 25th & A. V. R. R., Pittsburgh, Pa.
COLONEL gas arc lamps—Risinger Bros. Co., E. Liverpool, Ohio
COLONEL sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
COLONIA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
COLONIAL babbitt metal—Colonial Supply Co., 217 Water, Pittsburgh, Pa.
COLONIAL coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
COLONIAL compression grease cups—Wm. Powell Co., Cincinnati, Ohio
COLONIAL copper clad wire—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
COLONIAL cultivators—Brand Detour Plow Co., Dixon, Ill.
COLONIAL dampers, andirons & gates—Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
COLONIAL gas pressure regulators—Baylis Co., Bloomfield, N. J.
COLONIAL high speed crucible steel—Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
COLONIAL hot air registers—Phila. Hdw. & Mail. Iron Works, 9th & Jefferson, Phila., Pa.
COLONIAL incandescent electric lamps—Colonial Electric Works of G. E. Co., Warren, Ohio
COLONIAL lubricating oils—Borne-Scrymser Co., 80 South, New York.
COLONIAL packing—Colonial Supply Co., Pittsburgh, Pa.
COLONIAL pig iron—Colonial Iron Co., 149 B'way, New York
COLONIAL porch columns—Saco Mfg. Co., Saco, Me.
COLONIAL potheads—Colonial Sign & Insulator Co., Akron Ohio
COLONIAL sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
COLORADO concrete mixers—Colorado Concrete Mixer Co., Denver, Colo.
COLORADO lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
COLORADO potato planters—Hassell Iron Works Co., Colorado Springs, Colo.
COLORIFIC mortar colors—Jas. M. Wells Co., Ogdensburg, N. Y.
COLORLESS WATERPROOFING brick paints—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
COLORTONE IVORY PY-RA-LIN toilet articles—Arlington Wks., The (E. I. du Pont de Nemours & Co.), Wilmington, Del.
COLOSSUS air drill hose, suction hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

COLTAY miners' spades—Smith-Courtney Co., Richmond, Va.
COLTON cement—California Portland Cement Co., Los Angeles, Cal.
COLTRIN concrete mixers—Knickerbocker Co., Jackson, Mich.
COLT'S automobile jacks, screw clamps, wagon jacks—Batavia Clamp Co., Batavia, N. Y.
COLUMBIA armature banding machines, coil taping machines, electric car brakes, gear cases, pinion pullers, signal switches, snow sweepers, pneumatic lifts—Columbia Machine Works & Iron Co., 269 Chestnut, Brooklyn, N. Y.
COLUMBIA auto. headlights, lamps, track jacks—Hine-Watt Mfg. Co., 180 N. Market, Chicago, Ill.
COLUMBIA bath tubs & cast iron soil pipe & fittings—Columbia Sanitary Mfg. Co., Louisville, Ky.
COLUMBIA bed & furniture casters—Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.
COLUMBIA can openers—General Phonograph Corp., 25 W. 25th, New York
COLUMBIA car cleaning oils, varnish renovators—Columbia Refining Co., 90 West, New York
COLUMBIA car trucks—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
COLUMBIA carbon paper & typewriter ribbons—Columbia Ribbon & Carbon Mfg. Co., 69 Wooster, New York
COLUMBIA coal chutes & sidewalk doors—Columbia Iron & Wire Works Co., Canton, Ohio
COLUMBIA coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.
COLUMBIA cotters & keys—Hindley Mfg. Co., Valley Falls, R. I
COLUMBIA cotton rope—Anniston Cordage Co., Anniston, Ala.
COLUMBIA cultivators & harrows—Brinly-Hardy Co., Louisville, Ky.
COLUMBIA dumb waiters— J. G. Speidel, Reading, Pa.
COLUMBIA storage & open batteries, arc light carbons, testing instrument battery connectors—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio.
COLUMBIA engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
COLUMBIA extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
COLUMBIA family scales—Landers, Frary & Clark, New Britain, Conn.
COLUMBIA flour sieves—Parker Wire Goods Co., Worcester, Mass.
COLUMBIA flour sifters—National Enameling & Stamping Co., 411 5th av, New York
COLUMBIA glass insulators—Brookfield Glass Co., 2 Rector, New York
COLUMBIA grain drills, rice planting drills & seeder attachments—Wm. Fetzer Co., Springfield, Ill.
COLUMBIA high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
COLUMBIA hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
COLUMBIA incandescent electric lamps—Columbia Lamp Division of G. E. Co., the Nat'l bldg, St. Louis, Mo.
COLUMBIA insulating tape—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
COLUMBIA lawn mowers—American Lawn Mower Co., Muncie, Ind.
COLUMBIA lawn swings—Specialty Mfg. Co., Titusville, Pa.
COLUMBIA lock-nuts & washers—Columbia Nut & Bolt Co., Bridgeport, Conn.
COLUMBIA logging tools—American Logging Tool Co., Evart, Mich.
COLUMBIA marine gears—Marine Mfg. & Supply Co., 158 South, New York
COLUMBIA meat choppers—Peden Iron & Steel Co., Houston, Texas
COLUMBIA meter calibrators & watthour meters—Roller-Smith Co., 233 Broadway, New York
COLUMBIA mining picks—Warwood Tool Co., Wheeling, W. Va.
COLUMBIA mop wringers—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
COLUMBIA post marking mchy.—Columbia Postal Sup. Co., Silver Creek, N. Y.
COLUMBIA recording thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
COLUMBIA screen door hinges—Columbian Hardware Co., Cleveland, Ohio
COLUMBIA seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
COLUMBIA shears—Columbian Cutlery Co., Reading, Pa.
COLUMBIA shingle mill machinery—Perkins & Co., Grand Rapids, Mich.
COLUMBIA shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.
COLUMBIA sprinklers, grease cups, high pressure rod packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
COLUMBIA steam heaters—Jas. R. Vance, Geneva, N. Y.
COLUMBIA steam traps—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
COLUMBIA steam & hot water heaters—Columbia Heater Co., Paterson, N. J.
COLUMBIA step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
COLUMBIA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
COLUMBIA ventilators—Hoffmann & Baur, 279 Lake, Milwaukee, Wis.
COLUMBIA ventilators—E. E. Souther Iron Co., Kienlen & Hamburger, St. Louis, Mo.
COLUMBIA water meters—Union Water Meter Co., Worcester, Mass.
COLUMBIA wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.
COLUMBUS woven wire fences—Columbus Wire Fence Co., 827H Reynolds av, Columbus, Ohio
COLUMBIA HOT SHOT ignition batteries—National Carbon Co., Madison av, N. W., & W. & W. 117th, Cleveland, Ohio
COLUMBIA IGNITOR blasting, dry & ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIA MULTIPLE ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIA RED LABEL dry batteries — National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIAN anvils, hinges, door pulls, hot air registers, vises—Columbian Hardware Co., Cleveland, Ohio
COLUMBIAN blotting paper—Eaton-Dikeman Co., Lee, Mass.
COLUMBIAN brick paints—Adams & Elting Co., 726 Washington, Chicago, Ill.
COLUMBIAN catch basins, fire hydrants, manhole covers, meter & valve boxes, sewer inlets, sluice gates & valves—Columbian Iron Wks., Chattanooga, Tenn.
COLUMBIAN cotton hose—Mechanical Rubber Co., 73 Reade, New York
COLUMBIAN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
COLUMBIAN flag pole brackets—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
COLUMBIAN gasoline stoves—M. Schrayer's Sons & Co., 917 W. 18th, Chicago, Ill.
COLUMBIAN lubricators—Nathan Mfg. Co., 416 E. 106th, New York
COLUMBIAN lubricators—Wm. Powell Co., Cincinnati, Ohio
COLUMBIAN mail cranes, catchers, cattle guard & store trucks—Columbian Mail Crane Co., Columbus, Ohio
COLUMBIAN one pipe warm air furnaces—Keeley Stove Co., Columbia, Pa.
COLUMBIAN propeller wheels—Columbian Bronze Corp., 522 5th av, New York
COLUMBIAN road scrapers—Western Wheeled Scraper Co., Aurora, Ill.
COLUMBIAN row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
COLUMBIAN water heaters—Chas. Haberling, Columbus, Ohio
COLUMBIAN wood alcohol—A. L. Webb & Sons, Maryland Trust bldg, Baltimore, Md.
COLUMBIAN METHANOL wood alcohol—Wm. S. Gray & Co., 80 Maiden la, New York
COLUMBUS brass elbows & towel bars—Columbus Brass Co., Columbus, Ohio
COLUMBUS canthooks, pavement cleaners & post hole diggers—Columbus Handle & Tool Co., Columbus, Ind.
COLUMBUS concrete carts, concrete barrows & drag road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
COLUMBUS farm trucks & wagons—International Harvester Co. of Am. Inc., Harvester bldg, Chicago, Ill.
COLUMBUS galvanized iron ventilators—F. O. Schoedinger, 142 N. 3d, Columbus, O.
COLUMBUS gas furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
COLUMBUS lamp posts—O'Brien Bros., 276 W. Main, Columbus, O.
COLUMBUS oil filters—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio
COLUMBUS steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
COLUMBUS steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
COLUMBUS sugar cane mills—Southern Plow Co., Columbus, Ga.
COLUMBUS wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.
COLUMBUS woven wire fences — Columbus Wire Wire Fence Co., 827H Reynolds av, Columbus, Ohio
COLVIN interchangeable hammers—Greene, Tweed & Co., 109 Duane, New York
COMBAT storage batteries—Commercial Battery Co., 759 Boston av, Chicago, Ill.
COMBER waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York
COMBINATION bath traps—Jos. H. Young Co., 82 High, Boston, Mass.
COMBINATION cobbler's outfit—Fate-Root-Heath Co., Plymouth, Ohio
COMBINATION power ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
COMBO cement asbestos roofing—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
COMBS foundry riddles—Great Western Mfg. Co., Leavenworth, Kans.
COMBUSTO fuel economizers—Combusto Devices Corp., 250 W. 54th, New York.
COMET bare and insulated resistance wire—Electrical Alloy Co., Morristown, N. J.
COMET boiler gasket packing—Squires & Byrne Rubber Co., San Francisco, Cal.
COMET chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
COMET feed cutters—Wilder Strong Implement Co., Monroe, Mich.
COMET gas igniters—Henricks Magneto & Electric Co., Indianapolis, Ind.
COMET ratchet wrenches—Chas. Miller, Syracuse, N. Y.

COMET safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COMET spark plugs—Oakes & Dow Co., 311 Atlantic av, Boston, Mass.
COMET water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
COMET SPECIAL safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COMFORT buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
COMFORT deadening felts—H. F. Watson Co., Erie, Pa.
COMFORT electric portable fans—Shedd Electric Co., Roselle, N. J.
COMFORT hot air furnaces—W. G. McPherson Co., 19th & Wilson, Portland, Ore.
COMFORT razors—S. R. Droescher, 79 Warren, New York
COMFORT rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
COMFORT shoulder protecting automobile robes—Comfort Auto Robe Co., Inc., Waterloo, N. Y.
COMFORT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York.
COMFORT SWING CHAIR lawn swings—Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
COMINS humidifying apparatus—American Moistening Co., 120 Franklin, Boston, Mass.
COMMANDER canvas belting—Goodyear Tire & Rubber Co., Akron, O.
COMMANDER rubber belting—B. F. Goodrich Co., Akron, Ohio
COMMERCIAL annular ball bearings—Schatz Mfg. Co., Poughkeepsie, N. Y.
COMMERCIAL auto oil soap—Green Oil Soap Co., 166 N Curtis, Chicago, Ill.
COMMERCIAL blotting paper—Jos. Parker & Son Co., New Haven, Conn.
COMMERCIAL blue print paper—Frederick Post Co., 319 S Wabash av, Chicago, Ill.
COMMERCIAL flax packing—General Asbestos & Rubber Co., Charleston, S. C.
COMMERCIAL fountain pen—Sanford & Bennett Co., 51 Maiden Lane, New York
COMMERCIAL milk pumps—Davis-Watkins Dairymen's Mfg Co., North Chicago, Ill.
COMMODORE cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
COMMON PROOF coil chains—Columbus McKinnon Chain Co., Columbus, O.
COMMON SENSE bench stops—Bonney Forge & Tool Works, Allentown, Pa.
COMMON SENSE bob sleds—B. F. & H. L. Sweet Co., Fond du Lac, Wis.
COMMON SENSE boring tools—W. W. Blakely, Detroit, Mich.
COMMON SENSE carriage fasteners—Carr Fastener Co., Boston, Mass.
COMMON SENSE cattle stanchions—Olson Mfg. Co., Albert Lea, Minn.
COMMAN SENSE clothes baskets—Arthur J. Moore, Dept. H, Wells River, Vt.
COMMON SENSE dumping grates—Gibson Iron Works Co., 168 1st, Jersey City, N. J.
COMMON SENSE exhaust heads—Strandwitz & Scott, Camden, N. J.
COMMON SENSE floor scrapers—J. A. Kuster, Plymouth, Wis.
COMMON SENSE nail pullers—Warner Hammer Co., Cromwell, Conn.
COMMON SENSE oil & grease cups—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
COMMON SENSE screw plates—A. J. Polk & Son Co., Millersburg, Pa.
COMMON SENSE time switches—Kennedy-Webster Co., 536 S. Clark, Chicago, Ill.
COMMON SENSE tube scraper—Winfield H. Smith, Buffalo, N. Y.
COMMON SENSE window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
COMMON SENSE window ventilators—Glass Window Ventilator Works, 333 S Dearborn, Chicago, Ill.
COMMONWEALTH farm trucks—Abingdon Wagon Co., Abingdon, Ill.
COMMONWEALTH lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
COMMUNITY silverware—Oneida Community (Ltd.), Oneida, N. Y.
COMO pipe wrenches—Mechanical Specialties Mfg. Co., 1464 Webster av, Chicago, Ill.
COMOS brick & rust proof paints—Durabla Mfg. Co., 114 Liberty, New York
COMPACT folding cots—Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
COMPACTO closets—Crane Co., 836 S Michigan av, Chicago, Ill.
COMPETITION adjustable drag scrapers—Galion Iron Works & Mfg. Co., Galion, Ohio
COMPETITION enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
COMPETITION rubber hose—Whitehead Bros. Rubber Co., Trenton N. J.
COMPETITOR babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
COMPLETE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
COMPO classic wood carvings—Western Builders' Supply Co., 135 2d, San Francisco, Cal.
COMPO crayons and slate pencils—D. M. Stewart Mfg. Co., Chattanooga, Tenn.
COMPO BOARD wall board—Compo Board Co., 44th & Lyndale avs, Minneapolis, Minn.
COMPOUND metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
COMPROMISE rail step joints—Q. & C. Co., 90 West, New York
COMPTOMETER adding, calculating, billing & computing machines—Felt & Tarrant Mfg. Co., 1717 N Paulina, Chicago, Ill.
COMPTON button hole cutters—W. H. Compton Shear Co., 314 Camden, Newark, N. J.
COMSTOCK air compressors—Geo. S. Comstock & Son, Mechanicsburg, Pa.
CONCORD carriage axles—Lee & Porter, Buchanan, Mich.
CONCORD carriages—C. A. Pinkham Carriage Co., Farmington, Me.
CONCORD kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
CONCORD pruning shears—Smith, Seymour & Son, Oakville, Conn.
CONCORD radiators—Union Radiator Co., Johnstown, Pa.
CONCRETO closets—Crane Co., 836 S Michigan av, Chicago, Ill.
CONCRETE FLOOR DRESSING brick paints—Glidden Co., Madison av. & Berea rd, Cleveland, O.
CONDAC shock absorbers—Duke Oak Lumber Co., Wellsville, N. Y.
CONDENSITE impregnating compound—Condensite Co. of America, Bloomfield, N. J.
CONDICT revolving screens—Steele & Condict, 74 Pearl, Jersey City, N. J.
CONDIT switches, circuit breakers, relays, testing clips & transformers—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CONDOR belting—Manhattan Rubber Mfg. Co., Passaic, N. J.
CONDULETS electric service fuse & junction boxes—Crouse-Hinds Co., Syracuse, N. Y.
CONDULETTO porcelain receptacles—Crouse-Hinds Co., Syracuse, N. Y.
CONESCO tool steel—Conn. Elec. Steel Co. Inc., Hartford, Conn.
CONEWAGO insulating paper—Keystone Roofing Mfg. Co., York, Pa.
CONGO bagging—Atlantic Jute Mills, Norfolk, Va.
CONGO roofing, roofing cements & roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGO rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio.
CONGO sheet packing—W. H. Salisbury & Co., 308 N. Madison, Chicago, Ill.
CONGO sheet packing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
CONGOITE roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGOLEUM floor covering—United Roofing & Mfg. Co., Morris bldg., Phila., Pa.
CONGOXIDE roofing cements—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGRESS belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
CONGRESS playing cards—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio
CONGRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CONGS plaster boards—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONKLIN'S fountain pens—Conklin Pen Mfg. Co., Toledo, Ohio
CONLEY frogs—Conley Frog & Switch Co., Memphis, Tenn.
CONNEAUT shovels—Conneaut Shovel Co., Conneaut, Ohio
CONNEAUT wire bound boxes—Conneaut Can Co., Conneaut, Ohio
CONNECTICUT spark coils—Connecticut Telephone & Electric Co., Meriden, Conn.
CONNECTICUT white lime—Palmer Lime & Cement Co., 103 Park av, New York
CONNELLSVILLE coke—W. J. Rainey, 52 Vanderbilt av, New York
CONNELLSVILLE coke barrows—Connellsville Iron Works, Connellsville, Pa.
CONNELLY water tube boilers, open hearth, ladles, oil storage tanks—D. Connolly Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
CONNERSVILLE vacuum cleaners—United Vacuum Appliance Co., Connersville, Ind.
CONNORIZED word music rolls—United Music Stores, 619H Cherry, Phila., Pa.
CONOLLY loose leaf devices—Henry Conolly Co., Rochester, N. Y.
CONOY padlocks — Slaymaker Lock Co., Lancaster Pa.
CONQUEROR fire hose—Henry K. Barnes Co., 234 Devonshire, Boston, Mass.
CONQUEROR paint & varnish remover—W. P. Fuller & Co., 301 Mission, San Francisco, Cal.
CONQUEROR rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick, Jersey City, N. J.
CONRAD'S shingle stains & waterproofing materials—American Mfg. Co., Minneapolis, Minn.
CONRADSON chucking machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
CONRADSON tool posts—Phoenix Mfg. Co., Eau Claire, Wis.
CONSAPICO safety pins—Consolidated Safety Pin Co., Bloomfield, N. J
CON-SER-TEX canvas roofing—Wm. L. Barrell Co., 8 Thomas, New York
CON-SER-VIT car roofing—Wm. L. Barrell Co., 8 Thomas, New York.
CONSERVO wood preservatives—Sam'l. Cabot (Inc.), 141 Milk, Boston, Mass.
CONSOL asbestos shingles—Consolidated Sheet Metal Wks., 661 Hubbard, Milwaukee, Wis.
CONSOLCO sheet packing—Consolidated Packing & Supply Co., 21 Barclay, New York
CONSOLIDATED safety valves—Consolidated Safety Valve Co., 119 W. 40th, New York
CONSOLIDATED valves, heaters, etc.—Consolidated Car Heating Co., Dept. H, Albany, N. Y.
CONSORT brass oil cups—Wm. Powell Co., Cincinnati, Ohio

CONSUL belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CONSULAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
CONTEST rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CONTINENTAL arc lamps—Helio Mfg. Co., 2530 N. Broad, Phila., Pa.
CONTINENTAL cement—Continental Portland Cement Co., Arcade bldg, St. Louis, Mo.
CONTINENTAL feed water purifiers—Frost Mfg. Co., Galesburg, Ill.
CONTINENTAL grain headers & seeder attachments—Massey-Harris Harvester Co., Batavia, N. Y.
CONTINENTAL lawn mowers—Penna Lawn Mower Works, 1615 N 23rd, Phila., Pa.
CONTINENTAL packing—Colonial Supply Co., Pittsburgh, Pa.
CONTINENTAL packing—Continental Rubber Works, Erie, Pa.
CONTINENTAL paste, glue, writing inks & labeling machines—Continental Mfg. Co., 4611 Girard, Phila., Pa.
CONTINENTAL steam fire engines—Ahrens-Fox Fire Engine Co., Cincinnati, Ohio
CONTINENTAL window screens—Continental Co., Book bldg., Detroit, Mich.
CONTINENTAL BAKLITE specialties—Continental Fibre Co., Newark, Del.
CONTINENTAL-ERIE motorcycle grips—Continental Rubber Works, Erie, Pa.
CON-TRO-LA-TOR electric railway controller regulators—Lord Mfg. Co., 105 W 40th, New York
CONUS spring cover oil cups—American Galco Inc., Grand Central Palace, New York
CONVERSE rotary screens—Lansing Co., Lansing, Mich.
CONVERSO air drill hose—Hewitt Rubber Co., Buffalo, N. Y.
CONVERTIBLE roadster wagon—Auto-Wheel Coaster Co., N. Tonawanda, N. Y.
CONVOLT Tungsten lamps—Vacuum Glass Co., Lynn, Mass.
COOK electric protectors—Frank B. Cook Co., 326 W. Madison, Chicago, Ill.
COOK levels—S. R. Jackson, Watertown, N. Y.
COOK tube cleaners—James A. Griffiths, 1317 Buttonwood, Phila., Pa.
COOK-RITE aluminum hollow ware—Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
COOK'S auger bits—C. E. Jennings & Co., 71 Murray, New York
COOK'S auger bits—Jas. Swan Co., Seymour, Conn.
COOK'S car ventilators—Vacuum Air Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.
COOK'S evaporating pans & syrup evaporators—Southern Plow Co., Columbus, Ga.
COOK'S linoleum & cork carpets—Cook's Linoleum Co., Trenton, N. J.
COOK'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
COOK'S metallic packing—C. Lee Cook Mfg. Co., Louisville, Ky.
COOK'S steel cattle guards—Cook Standard Tool Co., Kalamazoo, Mich.
COOK'S tube well strainers—August D. Cook, Lawrenceburg, Ind.
COOK'S wing dividers—Wm. Johnson, Newark, N. J.
COOKSON feed water heaters & purifiers—Bates Machine Co., Joliet, Ill.
COOKSON steam separators & traps—D. T. Williams Valve Co., Cincinnati, O.
COOLEY cabinet creamers—Vermont Farm Machine Co., Bellows Falls, Vt.
COOLEY'S pump valves—Cooley Mfg. Co., 98 Park pl, New York
COON pipe joint cements—Hinds & Coon, 126 Pearl, Boston, Mass.
COOPER farm wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.
COOPER oven thermometers—Cooper Oven Thermometer Co., Pequabuck, Conn.
COOPER refrigeration system—Cooper-Madison Co., Calcium, New York
COOPER trace carriers—Frazer & Jones Co., Syracuse, N. Y.
COOPER trace carriers—North & Judd Mfg. Co., New Britain, Conn.
COOPER HEWITT mercury vapor lamps—Cooper Hewitt Electric Co., 8th & Grand, Hoboken, N. J.
COOPER-HEWITT rectifiers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
COOSA cement—Coosa Portland Cement Co., Phila., Pa.
COPEMAN electric stoves—Copeman Electric Stove Co., Flint, Mich.
COPE'S conduit threading machines, wiring, rods, cable, racks & grounding devices—T. J. Cope, 1620 Chancellor, Phila., Pa.
COPES feed water regulators & pump governors—Northern Equipment Co., Erie, Pa.
COPPER patent metal wheels—Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
COPPER ALLOY babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
COPPER BEST copper paint—C. A. Woolsey Paint & Color Co., 490 Grand, Jersey City, N. J.
COPPER HARDENED babbitt metal—Union Smelting & Refining Co., Inc., 63 Park Row, New York
COPPER QUEEN belting—Pioneer Rubber Mills, San Francisco, Cal.
COPPERWELD, copperclaid steel wire—Page Steel & Wire Co., 30 Church, New York
COPPUS steam turbines & turbo blowers—Coppus Engnrg. & Equipment Co., 344H Park av, Worcester, Mass.
COPTIC lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.

CORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
CORAL heating stoves—B. C. Bibb Stove Co., Baltimore, Md.
CORBIN-BROWN speedometers & tachometers—Corbin Screw Corp., New Britain, Conn.
CORBIN DUPLEX coaster brakes—Corbin Screw Corporation, New Britain, Conn.
CORCO fire pail tanks—Whitaker-Glessner Co. Corrugating Dept., Wheeling, W. Va.
CORDUROY bond paper—W. B. Oglesby Paper Co., Middletown, Ohio
CORE ore samplers—Denver Fire Clay Co., Denver, Colo.
COREOLEUM core compounds—James S. Bent, 117 First, South Boston, Mass.
COREY fire hydrants—Rensselaer Valve Co., Troy, N. Y.
CORINTHIAN standard tungsten lights for cities—Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
CORK INSERT measuring lines & pulleys—Cork Insert Co., 164 Federal, Boston, Mass.
CORKER cultivators—Racine-Sattley Co., Springfield, Ill.
CORKOLINE cork carpet—Scott & West Co., 9 E. 40th, New York
CORLISS belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORLISS cutting & drilling compounds, & wire rope coating—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
CORLISS engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
CORLISS steam engines—Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, Ohio
CORLISS VALVE steam traps—Plant Engineering & Equipment Co., Inc., 192H B'way, New York
CORMLEY & FILS embroidering machines—O. J. Ahlstrom, 711 Broadway, New York
CORN BELT corn & cob mills & feed grinding mills—Spartan Mfg. Co., Pontiac, Ill.
CORN BELT tractors—Corn Belt Tractor Co., 2701 University av S. E., Minneapolis, Minn.
CORN KING corn husker—R. F. Clark Mfg. Co., 169 N. Jefferson, Chicago, Ill.
CORN KING grain graders—Martin Co., Sac City, Ia.
CORN QUEEN corn huskers—R. F. Clark Mfg. Co., 169 N. Jefferson, Chicago, Ill.
CORN SAVER steel corn cribs—Martin Steel Products Co., Mansfield, Ohio
CORNELL asphalt roofing—Driscoll Bros. & Co., Ithaca, N. Y.
CORNELL cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
CORNELL cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORNELL wood boards—Cornell Wood Products Co., 190 N. State, Chicago, Ill.
CORONA blue print paper—Frederick Post Co., 319H S Wabash av, Chicago, Ill.
CORONA carbon paper & typewriter ribbons—Corona Supply Co., Rochester, N. Y.
CORONA enameled roasters—American Stamping & Enameling Co., Bellaire, Ohio
CORONA packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORONA plumbago—Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio
CORONA typewriters—Corona Typewriter Co., Groton, N. Y.
CORONA DRY arsenate of lead—Corona Chemical Co., 213 Lake, Milwaukee, Wis.
CORONET aluminum hollow ware—Geo. Borgfeldt & Co., 16th & Irving pl, New York
CORONET baths—Crane Co., 836 S Michigan av, Chicago, Ill.
CORO NOLEUM disinfectant—West Disinfecting Co., 411 5th av, New York
CORPORAL garden house—Quaker City Rubber Co., 629 Market, Phila., Pa.
CORPORATION paints—National Roofing Co., Tonawanda, N. Y.
CORRECTO urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
CORR-MESH fireproof partitions—Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
CORROSION acid-proofmetal—Pacific Fdry Co., Dept. H, Harrison & 18th, San Francisco, Cal.
CORR-PLATE sanitary flooring—Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
CORSAIR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
CORSAIR garden hose—Quaker City Rubber Co., 629 Market, Phila, Pa.
CORSYN closets—Crane Co., 836 S Michigan av, Chicago, Ill.
CORTLAND bow sockets & carriage joints—Brewer-Titchener Corp., Cortland, N. Y.
CORTLAND window screen wire cloth—Wickwire Bros., Cortland, N. Y.
CORTO hot water radiators—Am. Radiator Co., 816 Michigan av, Chicago, Ill.
CORVUS oil—Texas Company, 17 Battery pl, New York
CORWITH lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
CORYDON farm wagons—Keller Mfg. Co., Corydon, Ind.
COSMO time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
COSMOLUBRIC lubricating oils & greases—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
COSMOS egg & cream beaters—Novelty Mfg. Co., Waterbury, Conn.
COSMOS glass tile—Opalite Tile Co., Monaca, Pa.
COSMOS babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.

COSPER brake handles—Lord Electric Co., 105 W. 40th, New York
COSTA druggists' rubber goods—Myers Mfg. Co., Fremont, Ohio
COSTMETER cards, index & guide—Costmeter Co., 1000 Washington, Boston, Mass.
COSTON line throwing guns—Coston Signal Co., 24 Water, New York
COTENAMEL enameled & magnet wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
COTTA transmissions & gears for motor trucks & tractors—Cotta Transmission Co., Rockford, Ill.
COTTA-A-LAP burlap—Cotta-a-Lap Co., Somerville, N. J.
COTTAGE cinder shovels—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
COTTAGE steam heaters—H. B. Smith Co., Westfield, Mass.
COTTAGE HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
COTTER'S engine valves—Handlan-Buck Mfg. Co., 14 W. 3rd, St. Louis, Mo.
COTTON fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COTTONDUCT flexible conduits—Short Elec. Mfg. Co., Penn Yan, N. Y.
COTTONITE magnet wire—Acme Wire Co., New Haven, Conn.
COTTON KING cultivators—S. R. White's Sons, Norfolk, Va.
COTTON KING typewriter ribbons—Pen-Carbon Manifold Co., New Brunswick, N. J.
COTTON WOOD stoves—Pittston Stove Co., Pittston, Pa.
COULTER nut tapping machines—Automatic Machine Co., Bridgeport, Conn.
COUNTY seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
COVERALL paints—Clement Coverall Co., Camden, N. J.
COVERT fireplace dampers—H. W. Covert Co., 137 E. 46th, New York
COVERT'S jacks & harness snaps—Covert Mfg. Co., Troy, N. Y.
COVEY riding attachments—Walker Mfg. Co., Council Bluffs, Ia.
COVINGTON pig iron—Low Moor Iron Co., Low Moor, Va.
COWAN hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.
COWBOY cement—Western States Portland Cement Co,
COW BOY tank heaters—Wills Mfg. Co., Mendota, Ill.
COW COMFORT cattle stanchions—Louden Machinery Co., Fairfield, Ia.
COWELL'S spring hinges—Barlow Foundry Co., 551 N. J. R. R. av, Newark, N. J.
COWEN air drill suction & rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
COW HIDE overalls—Southern Mfg. Co., 19 E 3rd, Charlotte, N. C.
COWMATIC feed & litter carriers, steel stalls, stanchions, pens & stock fountains—Cowmatic Corp., Lynchburg, Va.
COX electric spark arresters—Silverton Blow Pipe Co., 109H, West Main, Silverton, Ore.
COX oxy-acetylene welding apparatus—Cox Brass Mfg. Co., Albany, N. Y.
COXE anthracite mechanical stokers—Combustion Engineering Corp., 11 Broadway, New York
CO-Z barrel cleats—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
COZY electric toasters—Phelps Mfg. Co., 49 W. Larned, Detroit, Mich.
CRACKER JACK belt dressing—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
CRACKER JACK nail hammers—Franklin Brass Foundry Co., Reading, Pa.
CRACKER JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
CRACKER JACK wire straightening & cutting machines—Franklin Mfg. Co., New Haven, Conn.
CRACKERJACKS stoves—Birmingham Stove & Range Co., Birmingham, Ala.
CRACKPROOF rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
CRADLE automobile trunk racks—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
CRAFT black diamond carbons—Arthur A. Crafts & Co., 125 Summer, Boston, Mass.
CRAFTSMAN adjustable wrenches, milling machines—Craftsman Tool Co., Conneaut, Ohio
CRAIG automatic swing basin faucets—David Craig, 70 Broad, Boston, Mass.
CRAIG gas engines—White Mfg. Co., 556 W. 34th, New York
CRAIG steam heaters—Burley Heater Co., Tyrone, Pa.
CRAIG steam heaters—Williamsport Radiator Co., Williamsport, Pa.
CRAIN universal wood working machines—Buffalo Forge Co., Buffalo, N. Y.
CRAM pile drivers, hammers—A. F. Bartlett & Co., Saginaw, Mich.
CRAMP bronze metal bearings—Wm. Cramp & Sons, Ship & Engine Bldg. Co., Beach & Ball, Phila, Pa.
CRANBERRY pig iron — Cranberry Furnace Co., Johnson City, Tenn.
CRANDALL foundry cupolas—Detroit Foundry Co., E. Grand blvd & Riopelle, Detroit, Mich.
CRANE engine driven tire pumps—Bay State Pump Co., 100 Purchase, Boston, Mass.
CRANE manicure sets—Max Klaas, 108 Fulton, New York
CRANE pig iron—Empire Steel & Iron Co., Catasauqua, Pa.
CRANE pipe joint cements—Crane Co., 836 S. Michigan av., Chicago, Ill.
CRANE razors, shears & scissors—Max Klaas, 108 Fulton, New York
CRANE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.
CRANE BASIC pig iron—Empire Steel & Iron Co., Catasauqua, Pa.
CRANE L. P. pige iron—Empire Steel & Iron Co., Catasauqua, Pa.
CRANE'S toasters—Wm. M. Crane Co., 16 W. 32nd, New York
CRANITE packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
CRANK padlocks—Slaymaker Lock Co., Lancaster, Pa.
CRANSON grain cleaners—Huntley Mfg. Co., Silver Creek, N. Y
CRARY'S rain water cut-offs—Conductor Fitting Co., Marietta, Ohio
CRATER compounds—Texas Company, 17 Battery pl, New York
CRATER hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
CRAVENETTE front brick—Standard Brick Co., Macon, Ga.
CRAVENETTE mackintoshes, rain coats—Stoughton Rubber Co., 130 Essex, Boston, Mass.
CRAWFORD combination pipe vises—Joseph H. Young Co., 82 High, Boston, Mass.
CRAWFORD curd extractors—Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
CRAWFORD enameling ovens, fuel gas burners & steel trucks—Oven Equipment & Mfg. Co., 205 Orange, New Haven, Conn.
CRAWFORD gas governors & pressure regulators—Equitable Meter Co., 424 1st ave, Pittsburgh, Pa.
CRAWFORD gas ranges, hot air furnaces, steam & hot water heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
CRAWFORD lathe—Jos. Crawford, Jr., Co., Erie, Pa.
CRAY horse shoes—Cray Bros., 1111 W. 11th, Cleveland, Ohio
CRAYOGRAPH crayons—American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
CRAYONAST crayons—American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
CREAGHEAD insulator pins, trolley line materials & trolley wire hangers—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio
CREAM CITY ash & garbage cans, electric welding machines, oil cans, sink strainers—Geuder, Paeschke & Frey Co., 1314-1790 St. Paul, Milwaukee, Wis.
CREAMERY PACKAGE ammonia compressors & refrigerating machines—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
CREASEY ice breakers—H. S. B. W. Cochrane Corp., 3147H N 17th, Phila., Pa.
CREASY peanut threshers—Cardwell Mach. Co., 1900 E. Cary, Richmond, Va.
CRECO brake beams, brake jaws, brake slack adjusters, journal boxes, side bearings—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill
CREEPING GRIP gasoline traction engines—Bullock Tractor Co., Chicago, Ill.
CREMONE window spring bolts—Stanley Works, New Britain, Conn.
CREO-DIPT stained shingles—Creo Dipt Co., Inc., North Tonawanda, N. Y.
CREO-DIPT stained cedar shingles—Standard Stained Shingle Co., North Tonawanda, N. Y.
CREOFECTANT disinfectants—Standard Chemical Co., Houston, Tex.
CREOLA sheep dips—Van Tilberg Oil Co., 2424 University av S. E., Minneapolis, Minn.
CREOLE marble—Georgia Marble Co., Tate, Ga.
CREOLE packing—Pennsylvania Rubber Co., Jeannette, Pa.
CREOLEUM disinfectants—H. C. Dusenberry (Inc.), 95 Gold, New York
CREOLOL disinfectant—White Tar Co. of N. J., 56 Vesey, New York
CREO-RESINATE wood paving blocks—United States Wood Preserving Co., 165 Broadway, New York
CREOSANTHOL disinfectants—Brewer & Co., Worcester, Mass.
CREOSEPTINE wood preservatives—American Mfg. Co., Minneapolis, Minn.
CREPACO creamery testers—Creamery Package Co., 61 W. Kinzie, Chicago, Ill.
CRESCENDO electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
CRESCENT acetylene gas burners—Crescent Burner Mfg. Co., 116 E. 27th, New York
CRESCENT automatic float valves—Phelps Bros. Co., 101 Beekman, New York
CRESCENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
CRESCENT ball cocks & galvanized iron range boilers—Cahill, Swift Mfg. Co., 1112 Market, St. Louis, Mo.
CRESCENT basin clamps—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
CRESCENT basin clamps Trenton Brass & Machine Co., Trenton, N. J.
CRESCENT belt fasteners—Crescent Belt Fastener Co., 381 4th av, New York
CRESCENT belt knives—American Tool & Machine Co., 10 High, Boston, Mass.
CRESCENT belt lacing—Graton & Knight Mfg. Co., Worcester, Mass.
CRESCENT boat anchors & bilge pumps—Chas. D. Durkee & Co., 2 South, New York
CRESCENT brand bronze powder—A. Sartorius & Co., 57 Murray, New York
CRESCENT brazing solder—North American Smelting Co., 9th & Thompson, Phila., Pa.

CRESCENT can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
CRESCENT cement—Crescent Portland Cement Co., Wampum, Pa.
CRESCENT chemical thermometers & oven thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
CRESCENT closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
CRESCENT coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.
CRESCENT coffee mills—Crescent Mfg. Co., Louisville, Ky.
CRESCENT concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.
CRESCENT concrete rollers & paving tools—Crescent Novelty Mfg. Co., 703 S. Broadway, St. Louis, Mo.
CRESCENT cork board & cork tile insulation—United Cork Cos., 50 Church, New York
CRESCENT corn planting drills—Racine-Sattley Co., Springfield, Ill.
CRESCENT dish washing machines—Bromley Merseles Mfg. Co., 1328 B'way, New York
CRESCENT door hangers—Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
CRESCENT electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
CRESCENT emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.
CRESCENT expansion bolts—Es.. of F. H. Evens, 31 Hewes, Brooklyn, N. Y.
CRESCENT farm wagons—Mandt Wagon Co., Stoughton, Wis.
CRESCENT feed carriers—Jos. Dick Mfg. Co., Canton, Ohio
CRESCENT fountain sprinkler—L. R. Nelson, Peoria, Ill.
CRESCENT ground cross-cut saws—Simonds Mfg. Co., Fitchburg, Mass.
CRESCENT hoes—American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
CRESCENT hose reels—Cardington Cabinet Co., Cardington, Ohio
CRESCENT incandescent lamp coloring—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
CRESCENT lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
CRESCENT portable lamp guards—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
CRESCENT lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
CRESCENT lubricators & valves—Wm. Powell Co., Cincinnati, Ohio.
CRESCENT lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
CRESCENT metal lath, open hearth steel sheets & oil cans—Whitaker-Glessner Co., Wheeling, W. Va.
CRESCENT metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York
CRESCENT metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
CRESCENT molds for drain tile—Raber & Lang Mfg. Co., Kendallville, Ind.
CRESCENT packing—Greene, Tweed & Co., 109 Duane, New York
CRESCENT patternmakers' fillet—Wellman Products Co., 1444 E. 49th, Cleveland, Ohio
CRESCENT phosphor bronze, phosphor copper & phosphor tin—Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
CRESCENT pipe & tubing—Wheeler Condenser & Engng. Co., W Carteret, N. J.
CRESCENT polishing machines & tool grinders—J. C. Born & Bro., Belleville, Ill.
CRESCENT propeller wheels—Duluth Gas Engine Works, Duluth, Minn.
CRESCENT sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
CRESCENT safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
CRESCENT saw sharpeners—Riverside Machine Works, Kokomo, Ind.
CRESCENT screw drivers, saws, bits, chisels & glass cutters—Crescent Co., Inc., Meriden, Conn.
CRESCENT shade cloth—Columbia Mills, Inc., 225 5th av, New York
CRESCENT sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
CRESCENT soldering paste—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
CRESCENT steam meters & traps, expansion joints and vacuum valves—W. H. Pearce & Co., 115 S Dearborn, Chicago, Ill.
CRESCENT stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
CRESCENT ventilators — Friedley-Voshardt Co. (Inc.), 733 S. Halsted, Chicago, Ill.
CRESCENT wall guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
CRESCENT washing machines—Crescent Washing Machine Co., New Rochelle, N. Y.
CRESCENT welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.
CRESCENT wire rope cables & accessories—Geo. C. Moon Co., Garwood, N. J.
CRESCENT wrenches, pliers & nippers — Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
CRESCENT BANGOR roofing slate—Superior Slate Co., Inc., Allentown, Pa.
CRESCENT BRAND brass & copper pipe & tubing—Wheeler Condenser & Engng. Co., W Carteret, N. J.
CRESCENT COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan, Newark, N. J.
CRESCENT RING lawn sprinklers—L. R. Nelson, Peoria, Ill.
CRESCENT X X buffing compositions—S. A. Day Mfg. Co., 1485 Niagara, Buffalo, N. Y.
CRESONOL disinfectants—Brewer & Co., Worcester, Mass.
CREST disinfectants — Crest Chemical Co., Seattle, Wash.
CREST Light crayons—Standard Crayon Mfg. Co., Danvers, Mass.
CRESTLAWN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
CRESTLINE pumps, flanges, barrel spray pumps, hydraulic rams—Crestline Mfg. Co., Crestline, Ohio
CRESY-POLE sheep dips—Peerless Stock Powder Co., Falls City, Nebr.
CRETA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
CREW lubricating oils—Crew Levick Co., 111 N Broad, Phila., Pa.
CREX grass matting—Crex Carpet Co., 1134 Broadway, New York
CRICKET scroll saws—Millers Falls Co., 28 Warren, New York
CRIMSON sulphuret of antimony—Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, Ohio
CRIPPS down draft boilers—Prudential Heater Co., Louisville, Ky.
CRIPPS steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
CRISS-CROSS tube cleaners & gun cleaner tools—Worcester Brush & Scraper Co., Worcester, Mass.
CRITCHLEY IMPROVED SUPER-SIX expansion reamers—Cutter & Wood Supply Co., 274 Friend, Boston, Mass.
CRITCHLEY'S card clothing—Leigh & Butler, 232 Summer, Boston, Mass.
CRITCHLEY'S expansion reamers—Chadwick & Trefethen, Portsmouth, N. H.
CRITERION belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CRITERION rubber bottles—Tyer Rubber Co., Andover, Mass.
CRITICS farriers' hammers—Champion Tool Co., Meadville, Pa.
CRIT POINT point testers—Gibb Instrument Co., Highland bldg, Pittsburgh, Pa.
CROCODILE pipe wrenches—Bonney Forge & Tool Works, Allentown, Pa.
CROFTSTEIN metal polish—H. W. Mills & Co., Paterson, N. J.
CROKINOLE game boards—Carrum Co., Ludington, Mich.
CRONE fuel gas burners—Crone F. G., 281 W. Ferry, Buffalo, N. Y.
CRONE valve resisting tools—Rub-On-Mfg. Co., 216 Niagara, Buffalo, N. Y.
CRONK'S shears, pliers, cultivator hoes, garden rakes —Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
CROOKER-WHEELER electric motors—Calin-Forster Elec. Co., 209 15th, Denver, Colo.
CROPP concrete mixers—Cropp & Co., 233 W Kinzie, Chicago, Ill.
CROSBY calorimeters, clocks, cocks, gauges, engine indicators, test pumps, valves, whistles, etc.—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
CROSBY guy clamps & wire rope clips—American Hoist & Derrick Co., St. Paul, Minn.
CROSBY wire rope clips—Crittenden Co., Inc., Middletown, Conn.
CROSBY wire rope clips—Wickwire Spencer Steel Corp., Worcester, Mass.
CROSS elevator doors—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
CROSS insulated staples—Jas. Goldmark Co., 81 Warren, New York
CROSS oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
CROSS CUT—toilet paper—A. P. W. Paper, Dept. H, Albany, N. Y.
CROTHER'S plow coulters—Sparta Plow Works Sparta, Ill.
CROTON water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
CROWE shoe nailing machines—Specialty Shoe Mach'y Co., St. Joseph, Mo.
CROWELL air compressors, blowers, vacuum pumps—Crowell Mfg. Co., 319-321 Franklin av, Brooklyn, N. Y.
CROWELL insulating tape—Carter, Rice & Co., 246 Devonshire, Boston, Mass
CROWN asbestos cements & roofing paints—W. H. Colebrook's Sons, Syracuse, N. Y.
CROWN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
CROWN belting & belt dressing—Page Belting Co., Concord, N. H.
CROWN boat oars—Aymer De Grauw & Co., 34 South, New York
CROWN cake turners, stove lid lifters, potato mashers —Hamblin & Russell Mfg. Co., Worcester, Mass.
CROWN carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
CROWN chair seats—Blair Veneer Co., North Troy, Vt.
CROWN Christmas tree holders, fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
CROWN coffee mills, faucet filters, lawn sprinklers, lemon squeezers, raisin seeders—Landers, Frary & Clark, New Britain, Conn.
CROWN concrete barrows—American Steel Scraper Co., Sidney, Ohio

CROWN cordage & twine, Bibb Mfg. Co., Macon, Ga.
CROWN corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
CROWN emery wheel dressers, tool grinders, saw gummers, & saw sharpeners—Clizbe Bros. Mfg. Co., Plymouth, Ind.
CROWN English glue—American Glue Co., 121 Beverly, Boston, Mass.
CROWN force pumps—Blymyer Iron Works Co., Cincinnati, Ohio
CROWN hammock—Weston & Wells Mfg. Co., 10th & Diamond, Phila., Pa.
CROWN harness snaps—Covert Saddlery Works, Interlaken, N. Y.
CROWN harness tools, shoemakers' tools, tanners' tongs, tanners' tools—Wm. H. Horn & Bros., 451 N. 3rd, Phila., Pa.
CROWN horse nails—Fowler Nail Co., Seymour, Conn.
CROWN hot air furnaces — March-Brownback Stove Co., Pottstown, Pa.
CROWN log loading hooks—Clyde Iron Works Sales Co., Duluth, Minn.
CROWN metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
CROWN motor cycles—Great Western Mfg. Co., La Porte, Ind.
CROWN nail pullers—Snow & Petrelli Mfg. Co., New Haven, Conn.
CROWN oil cups, lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CROWN packing—Strong Machinery & Supply Co., 21 Walker, New York
CROWN belting, packing & hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
CROWN paint & varnish remover—Bradley & Vrooman Co., 2632 S. Dearborn, Chicago, Ill.
CROWN paper fillers—Solvay Process Co., Syracuse, N. Y.
CROWN pipe cutter wheels, pipe cutters, pipe vises, solid dies & stocks & dies—Crown Die & Tool Co., 5553 W. Monroe, Chicago, Ill.
CROWN pneumatic hammers & sand rammers—Ingersoll-Rand Co., 11 Broadway, New York
CROWN pneumatic tires—Great Eastern Rubber Co., Allentown, Pa.
CROWN push buttons, telephones & apparatus—Bridgeport Elect. Products Co., Bridgeport, Conn.
CROWN rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
CROWN recording pressure gauges—Jones Gauge Co., 5 Broad, Boston, Mass.
CROWN sanitary flooring—Robt. A. Keasbey Co., 100 N. Moore, New York
CROWN shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
CROWN soap powder—Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio
CROWN stoves—King Stove & Range Co., Sheffield, Ala.
CROWN switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
CROWN tire air pumps—Bridgeport Brass Co., Dept. H, Bridgeport, Conn.
CROWN TOP corn poppers—Gier Pressed Steel Co., Lansing, Mich.
CROWN upholsterers' tacks—G. G. Roberts, Whitman, Mass.
CROWN ventilators—Crown Ventilator Co., Milwaukee, Wis.
CROWN water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
CROWN well buckets—Richmond Cedar Works, Fulton, Richmond, Va.
CROWN woven wire fences—Interlocking Fence Co., Morton, Ill.
CROWN JEWEL cotton batting—Rock River Cotton Co., Janesville, Wis.
CROWS insect powder—Wags Chemical Co., 312 W Jackson av, Knoxville, Tenn.
CROZER pig iron—Va. Iron, Coal & Coke Co., Roanoke, Va.
CRUMBIE pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
CRUMBLE tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
CRUM'S poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
CRUOLEUM disinfectants—Hockwald Chemical Co., 531 Howard, San Francsico, Cal.
CRUSADER fly traps—Burgess-Norton Mfg. Co., Geneva, Ill
CRUSO hdwe. galvanized ware, enameled ware, etc.—Hibbard, Spencer, Bartlett & Co., 303 N. State, Chicago, Ill.
CRUSOE chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CRYER vacuum heating—Cryer Return Line System Co., 18 E. 41st, New York
CRYSOLITE paints for coating—Semet-Solvay Co., Syracuse, N. Y.
CRYSTAL carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
CRYSTAL coffee mills—Arcade Mfg. Co., Freeport, Ill.
CRYSTAL ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
CRYSTAL—illuminating glassware, etc.—Jefferson Glass Co., 5 S Wabash, Chicago, Ill.
CRYSTAL insulating varnishes—Chicago Mica Co., Valparaiso, Ind.
CRYSTAL METAL farm bells—Bell C. S. Co., Hillsboro, Ohio
CRYSTAL ROCK wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
CRYSTAL STREAM sanitary drinking fountains—J. L. Mott Iron Works, Trenton, N. J.
CRYSTALITE illuminating oil—Texas Company, 17 Battery pl, New York
CRYSTALLIZED oil—Arthur B. Edmands Co., Pawtucket, R. I.
CRYSTOX abrasive discs—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
CUB gasoline traction engines—Wallis Tractor Co., Racine, Wis.
CUB road scrapers—drag—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
CUBANEL asphalt & asphalt fillers—International Asphalt Co., 133 W. Washington, Chicago, Ill.
CUCKOO church bells—Mossberg, Frank Co., Attleboro, Mass.
CUIRASS paints, insulating, anti corrosive and fouling paints, waterproofing & wood preservative—Cuirass Products C.
CULTI-PACKER clod crushers & soil pulverizers—Dunham Co., Berea, O.
CULVER hot air furnaces—M. A. Green & Co., Bridgeport, Conn.
CUMMING hay presses—Southern Plow Co., Columbus, Ga.
CUMMINGS concrete reinforcing materials—Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
CUMMINGS engine logs—Cummings Ship Instrument Works, 110 High, Boston, Mass.
CUMMING'S feed cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
CUMMINGS handcuffs and twisters—Geo. D. Barnard & Co., 311 Olive, St. Louis, Mo.
CUNNINGHAM coating paints—Maryland Steel Co., Morris bldg. Phila., Pa.
CUNNINGHAM saw vises & rift flooring machines—Filer & Stowell Co., Milwaukee, Wis.
CUPID sight feed lubricators—Lukenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CUPPLES steam shovel teeth—Cupples Adjustable Tooth Co., Tyrone, Pa.
CURBO safety razors—Unsinger Razor Blade Co., Fremont, Ohio
CURFEW padlocks—Slaymaker Lock Co., Lancaster, Pa.
CURI-CURL embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
CURRY automobile belts, polishing belts, fabric harness—J. W. Curry Co., 2615 Cummins, Cincinnati, Ohio
CURRY bay tyers—J. P. Curry Mfg. Co., 280 Madison av, New York
CURTAIN ball cocks—Appleton Brass Co., 3 Appleton, Boston, Mass.
CURTIS damper regulators, steam & water pressure regulators, steam separators, steam traps, thermostats—Julian l'Este Co., 26 Canal, Boston, Mass.
CURTIS horse collar pads—Curtis-Dexter Co., Madison, Wis.
CURTIS invalid chairs—Ford Johnson Chair Co., 801 S. Wabash av, Chicago, Ill.
CURTIS locomotive sanders—United States Metallic Packing Co., 221 N. 13th, Phila., Pa.
CURTIS pneumatic cranes, air compressors, hoists & trolley—Curtis & Co., Mfg. Co., 1502H Kienlen av, St. Louis, Mo.
CURTIS rotary pumps & presses—Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
CURTIS steam turbines—Fore River Shipbuilding Corp., Quincy, Mass.
CURTIS steam turbines—General Electric Co., Schenectady, N. Y.
CURTIS EGGSACTLY automatic egg boiler—Curtis Espy & Co., 158 N. Ashland blvd, Chicago, Ill.
CURVEX curtain rods—Turner & Seymour Mfg. Co., Torrington, Conn.
CUSHING stage & receptacle plugs—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CUSHMAN electric motors, countershafts, transformers, variable speed motors—Cushman Electric Co., Concord, N. H.
CUSTER hand power punch & shear combined—W. F. Custer & Sons, Summitville, Ind.
CUSTER ratchet wrenches—Custer Coupling Co., Bradford, Pa.
CUT EASY corn hooks—American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
CUTLER lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CUTLER'S steel stamps—Gowanda Agricultural Works, Gowanda, N. Y.
CUT-ME-OFF plumbrs' rubber elbows—Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, Ohio
CUTTER'S insulated suspension bolts, lamp supporting pulleys, insulators, mast arms, reflectors, steel boxes, panelboards, switchboards—Geo. Cutter Co., Notre Dame & Division, South Bend, Ind.
CUTTYHUNK fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
CYAMEEZE adhesive cement—Williams Mfg. Co., Camden, N. J.
CYCLE belting—B. F. Goodrich Co., Akron, O.
CYCLE flour sieves—Wickwire Spencer Steel Corp., Worcester, Mass.
CYCLE grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill
CYCLO paint & whitewash spraying machines—Muralo Company, Rich. Ter. New Brighton, Borough of Richmond, N. Y.
CYCLONE blow-off valves—Wm. Powell Co., Cincinnati, Ohio
CYCLONE boiler flue & tube cleaners—Elliott Co., Frick bldg. Pittsburgh, Pa.
CYCLONE boiler tube cleaners—Liberty Mfg. Co., 718 Frick bldg, Pittsburgh, Pa.
CYCLONE bottle stoppers—Bernardin Bottle Cap Co., Evansville, Ind.
CYCLONE chain hoists — Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleeland, Ohio
CYCLONE clod crushers—Ohio Cultivator Co., Bellevue, Ohio

CYCLONE cloth dryers & yarn dryers—Phila. Textile Mach. Co., Hancock & Somerset, Phila., Pa.
CYCLONE corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
CYCLONE corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
CYCLONE door hangers—Lawrence Bros., Sterling, Ill.
CYCLONE egg & cream beaters—W. G. Browne Mfg. Co., Kingston, N. Y.
CYCLONE electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.
CYCLONE exhaust heads, Wright-Austin Co., 315 Woodbridge W, Detroit, Mich.
CYCLONE insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
CYCLONE lawn sprinklers—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Illinois.
CYCLONE lubricating oils & greases—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
CYCLONE lubricators—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
CYCLONE mechanical dust collectors—Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.
CYCLONE mechanical dust collectors—Dixie Mfg. Co., Russel & B. & O. R. R., Baltimore, Md.
CYCLONE mechanical dust collectors—Knickerbocker Co., Jackson, Mich.
CYCLONE portable electric blowers—Charles W. Emery & Sons, 1304 Diamond, Phila., Pa.
CYCLONE seeders & sowers—Cyclone Seeder Co., Urbana, Ind.
CYCLONE seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
CYCLONE shaking grates—Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.
CYCLONE silo fillers—Ironwood Mfg. Co., Bellefontaine, Ohio
CYCLONE silos—Nat'l Tank & Pipe Co., 275 Oak, Portland, Ore.
CYCLONE smut traders—Fosston-Carpenter Co., St. Paul, Minn.
CYCLONE spray pumps & tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
CYCLONE spring shellers—Marseilles Wks. of Deere & Co., E. Moline, Ill.
CYCLONE stalk cutters—B. F. Avery & Sons, Louisville, Ky.
CYCLONE steam flue cleaners—Crescent Brass Products Co., 8410H Lake av, Cleveland, Ohio
CYCLONE tile ditching machines—Jeschke Edw. Co., Bellevue, Ohio
CYCLONE tool emery grinders—Duisdieker Foundry & Mfg. Co., Pekin, Ill.
CYCLONE tool emery grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.
CYCLONE vacuum cleaners—Cyclone Brush Co., Bradford, Pa.
CYCLONE water closet ventilators—Sanitary Appliance Co., Neenah, Wis.
CYCLONE water well drills, oil & gas well drills, mineral prospecting machinery, big blast hole drills, well drilling & fishing tools, well drilling machinery—Cyclone Drill Co., Orrville, Ohio
CYCLONE woven wire fences, wire stretchers, fence ratchets & farm gates—Cyclone Fence Co., Waukegan, Ill.
CYCLONE JR. contractors' plows—Jeschke Edw. Co., Bellevue, Ohio
CYGNET automobile horns & phonograph horns—Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.
CYGNUS cylinder oil—Texas Company, 17 Battery pl, New York
CYKO photographic paper—Ansco Co., Binghamton, N. Y.
CYNIO gas & gasoline hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CYPRUS babbitt metal—Brady Brass Co., 170 14th, Jersey City, N. J.
CZAR drill chucks—Union Mfg. Co., New Britain, Conn.
CZAR padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
CZAR spark plugs—Czar Ignition Co., 531 Ellicott, Buffalo, N Y
D. cotton twine—Estes Mills, Fall River, Mass.
D. B. ash dumps, brick carriers, clamps, chimney cowls, coal chutes, fireplace dampers, etc., joist anchor & timber caps, kitchen sinks, & sewer pipe strainers—Donley Bros. Co., 3625 E. 74th, Cleveland, O.
D. B. G. crane chains—Bradlee & Co., 726 Richmond, Phila., Pa.
D. B. M. pipe locators—Modern Iron Works, Quincy, Ill.
D. C. bath fittings—D. C. Mfg. Co., Canton, Ohio
D-C flushing valves—Dececo Co., 157 High, Boston, Mass.
D. C. & A. C. electric motors—H. C. Dodge, Inc., 48 Alger, Boston, Mass.
D. H. GRAY EGYPTIAN fibre—Delaware Hard Fibre Co., Wilmington, Del., Works, Marshallton, Del.
D. H. R. brick paints—Denny Hilborn & Rosenbach, 230 N. 12th, Phila., Pa.
D. R. BARTON picks, mattocks, grub hoe tools, etc.—Mack & Co., Rochester, N. Y.
D. R. P. brick paints—M. Feigel & Bro., 185 Wooster, New York
D. S. lock-nuts & washers—Dieter Nut Co., 374 Madison av, New York
D. V. seamless candy & paper pails—Dunning-Varney Corp, 99 Warren, New York
D. V. wagon skeins—American Skein & Foundry Co., Racine, Wis.
D. V. & Co. wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
D-X bridle rings & insulated hooks—Diamond Expansion Bolt Co., 89 West, New York
D. & B. miners' squibs—Hercules Powder Co., Wilmington, Del.
D. & B. wringers—Dobbins Mfg. Co., 127 1st, Minneapolis, Minn.
D. & L. stuffing boxes—Union Machine Co., 183 University av, St. Paul, Minn.
D. & T. hot water heating systems—D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
D. & W. enclosed fuses—D. & W. Fuse Co., Hathaway, Providence, R. I.
DACK hot water heaters, pipe hangers—Hayes Pump & Planter Co., Galva, Ill.
DACRO milk bottle caps—Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
DAD pipe hangers—D. A. Donovan, Auburn, N. Y.
DADDOW & BEADLES miners' squibs—Miners' Supply Co., St. Clair, Schuylkill Co., Pa.
DAGGETT'S cast iron culverts—Jos. F. Rothe Foundry Co., Green Bay, Wis.
DAHL oil burners—Bethlehem Ship Building Corp., Dept. H, Broadhead & Parker av, Bethlehem, Pa.
DAHL-MO-STAT heat regulators—Dahl Mfg. Co., Minneapolis, Minn.
DAHLSTROM fire proof doors, steel trim, steel partitions—Dahlstrom Metallic Door Co., 43 Buffalo, Jamestown, N. Y.
DAIDY feed cutters—J. W. Conner & Son, Orangeville, Pa.
DAILY sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
DAINS hay loaders & lawn swings—Dain Mfg. Co., Ottumwa, Ia.
DAINTY cap remover handle—Stephens, Windsor & Co., Waltham, Mass.
DAINTY shirtwaist irons—Gray Iron Foundry Co., Reading, Pa.
DAIRY QUEEN cream separators—Dairy Cream Separator Co., Lebanon, Ind.
DAIRY QUEEN milk can brushes—Standard Brush Co. New Hartford, Conn.
DAISY air rifles—Daisy Mfg. Co., Plymouth, Mich.
DAISY bag holders, barn door latches, steak pounders—Wagner Mfg. Co., Cedar Falls, Ia.
DAISY bath heaters—Jno. Wood Mfg. Co., Conshohocken, Pa.
DAISY bottle corking machines—U. S. Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
DAISY bottle stoppers, force cups, rubber plugs—Schacht Rubber Mfg. Co., Huntington, Ind.
DAISY children's vehicles—Gibbs Mfg. Co., Canton, Ohio
DAISY clipper hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
DAISY cork pullers—Arcade Mfg. Co., Freeport, Ill.
DAISY corn planters & harrows—Hench & Dromgold Co., York, Pa.
DAISY cultivators—S. R. White's Sons, Norfolk, Va.
DAISY disc sharpeners—Schofield & Co., Freeport, Ill.
DAISY flour blending machinery—Barnard & Leas Mfg. Co., Moline, Ill.
DAISY fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
DAISY hand & power green bone cutters—Wilson Bros., Easton, Pa.
DAISY hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.
DAISY hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAISY lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
DAISY lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg, Phila., Pa.
DAISY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
DAISY mop sticks—A. Boyle Broom Co., Galesburg, Ill.
DAISY paper dishes & wood dishes—Star Paper Dish Co., Richmond, Va.
DAISY push button floor treads—Ansonia Electrical Co., Ansonia, Conn.
DAISY scythe snaths—Seymour Mfg. Co., Seymour, Ind.
DAISY stalk cutters—Gale Mfg. Co., Albion, Mich.
DAISY stock fountains—Quinn Wire & Iron Works, Boone, Ia.
DAISY storm sash hangers—G. A. Butter, 603 Mitchell, Milwaukee, Wis.
DAISY thermometers—Wilder-Pike Thermometers Co., Troy, N. Y.
DAISY trucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
DAISY wagon jacks—Covert Saddlery Works, Interlaken, N. Y.
DAISY waste paper baskets—Massillon Wire Basket Co., Massillon, O.
DAISY wood sawing machines—Heebner & Sons, Lansdale, Pa.
DAISY JR. potato diggers—Brown Manly Plow Co., Malta, Ohio.
DAKE air motors—Dake Engine Co., Grand Haven, Mich.
DAKE force feed lubricators—Richmond Pressed Metal Works, Inc., Stockton & 6th, Richmond, Va.
DAKOTA fanning mills—J. L. Owens Co., Fulton & S. E. Huron, Minneapolis, Minn.
DAKOTA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio.
DAKOTA portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.
DAKOTA roofing brushes—New Jersey Brush Co., Bloomfield, N. J.
DAKOTA traction engines—G. W. Elliott & Co., De Smet, S. Dak.
DAKOTA CREAM flour—Jerauld County Milling Co., Dept. H, Wessington Springs, S. Dak.
DALE ball cocks—Wolverine Brass Works, Grand Rapids, Mich.

DALE catch basin traps—Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
DALE paper fasteners—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
DALITE circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
DALLETT pneumatic tools—Thos. H. Dallett Co., 1324 H Federal, Phila., Pa.
DALTON adding machines—Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.
DALTON engine lathes—Dalton Mfg. Corp., 1915 Park av, New York
DALTON SIX thread cutting machine—Dalton Mfg. Corp., 1915 Park av, New York
DALY PATENT boiler arch & setting brick—M. J. Daly & Sons, Waterbury, Conn.
DAMASCENE razors—C. Klauberg & Bros., Woolworth bldg, New York
DAMASCUS axes—C. A. C. Axe Co., Holbrook, Mass.
DAMASCUS babbitt metal bronze bearings, phosphor copper & ingot metals—Damascus Bronze Co., Pittsburgh, Pa.
DAMASCUS brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
DAMASCUS hack saw blades—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
DAMASCUS rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAMASCUS safety pins—Oakville Co., Waterbury, Conn.
DAMASCUS scythes—Dunn Edge Tool Co., Oakland, Me.
DAMASCUS soluble oils—Damascus Mfg. Co., Cassius av, Cleveland, O.
DAMASK window shades—Talbert-Whitmore Co., Los Angeles, Cal.
DAMASKO shade cloth—Columbia Mills, Inc., 225 5th av, New York
D'AMOUR drill presses—E. D'Amour, 78 Cortlandt, New York
DAMP-DAM waterproofing materials—Am. Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
DANCK filter screens—Standard Wire Co., New Castle, Pa.
DAN-DEE fireproof waste paper backets—Erie Art Metal Co., Erie, Pa.
DANDY annunciators—Electric Goods Mfg. Co., Canton, Mass.
DANDY belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DANDY bone mills—Stratton Mfg. Co., Erie, Pa.
DANDY can openers—Bradley & Farnham, Middlefield, Conn.
DANDY can openers—Ellis Mfg. Co., Milldale, Conn.
DANDY chimney tops—Quinn Wire & Iron Works, Boone, Ia.
DANDY cleanouts—Bignall Co., Medina, N. Y.
DANDY cleanouts—J. A. Zurn Mfg. Co., Dept. H, Erie, Pa.
DANDY cultivators—Moline Plow Co., Moline, Ill.
DANDY electric bells—Electric Goods Mfg. Co., Canton, Mass.
DANDY feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
DANDY fruit & vegetable parers—Goodell Co., Antrim, N. H.
DANDY gas engines, pumping jacks & windmills—Challenge Co., Batavia, Ill.
DANDY hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
DANDY horse brushes—Hendee C. C. Co., 501 B'way, Milwaukee, Wis.
DANDY leather aprons—California Tanning Co., 1905 Shanandoah av, St. Louis, Mo.
DANDY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DANDY shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
DANDY trucks—Turnbull Motor Trucks & Wagon Co., Defiance, Ohio
DANDY wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.
DANFORTH belting—J. H. Billington, 113 Chestnut, Philadelphia, Pa.
DANGLER alcohol stoves—Dangler Stove Co., 501 Perkins av, Cleveland, Ohio
DANGLER gas radiators, gasoline stoves & blow torches—American Stove Co., 827 Chouteau av, St. Louis, Mo.
DANHOUR'S tool racks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
DANIC sand blast machines—D. M. Nichols Iron Works, 4 Gouverneur pl., New York
DANIELS adjustable frame for manhole covers—H. T. Daniels, 171 Westminster, Providence, R. I.
DANIEL'S P. P. P. rod packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DANIELSON disc harrow boxes & neck yokes—Sharon Steel Hoop Co., Sharon, Pa.
DANISH bond paper—B. D. Rising Paper Co., Housatonic, Mass.
DANISH flint pebbles—Atkins, Kroll & Co., 260 California, San Francisco, Cal.
DANNS NOISELESS blackboard erasers—E. W. A. Rowles Co., 2345 S. La Salle, Chicago, Ill.
DANZER-HANDY portable punches—Danzer Metal Works, Hagerstown, Md.
DANZER'S rose top ventilators—Danzer Metal Works, Hagerstown, Md.
DANZER'S LIGHTNING roofing edgers—Danzer Metal Works, Hagerstown, Md.
DARCHE electric alarm clocks—Darche Mfg. Co., 643 Washington blvd, Chicago, Ill.
DARCOID asbestos brake lining, friction surfaces, clutch facings, flexible fibre & gum gaskets, gaskets for flanges, valves & fittings, gauge glasses, packing flange joints, sheet & flexible fibre & packing mfrs.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DARK CHASER lanterns—Am. Gas Mach. Co., 78 Reade, New York
DARLEY pneumatic conveyors—Guarantee Const. Co., 92 West, New York
DARNELL'S furrower & coverer—H. W. Doughten, Moorestown, N. J.
D-ARROW cultivators—S. R. White's Sons, Norfolk, Va.
D'ARSONVALL galvanometers — Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
DART pipe couplings, pipe flanges, glue heaters, unions—E. M. Dart Mfg. Co., 134 Thurber av, Providence, R. I.
DART pipe couplings & flanges—Fairbanks Co., 416 Broome, New York
DARTMOUTH lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
DATONIA paint, oils—Kay & Ess Co., Dayton, Ohio
DAUBER door & sash clamps—Dauber Bell Machine Co., Oshkosh, Wis.
DAUM refillable cartridge fuses—A. F. Daum, 1157 Hodgkins, Pittsburgh, Pa.
DAUNTLESS rubber hose & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAUNTLESS water power clothes washer—Blackstone Mfg. Co., Jamestown, N. Y.
DAVENPORT baths—Crane Co., 836 S Michigan av, Chicago, Ill.
DAVENPORT drilling machines & vises — Blissfield Motor Works, Blissfield, Mich.
DAVENPORT multiple spindle automatic screw machines—Davenport Machine Tool Co., New Bedford, Mass.
DAVIDSON ash ejectors & valves—M. T. Davidson Co., 154 Nassau, New York
DAVIDSON stalk cutters—Davidson-Dietrich Plow Co., Evansville, Ind.
DAVIS brake beams—Cambria Steel Co., Widener bldg, Phila., Pa.
DAVIS cable terminals—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
DAVIS carriage robes—Geo. W. Davis (Inc.), Worcester, Mass.
DAVIS cast steel wheels—American Steel Foundries, McCormick bldg., Chicago, Ill.
DAVIS churns—Vermont Farm Machine Co., Bellows Falls, Vt.
DAVIS cream separators—Davis-Watkins Dairymen's Mfg. Co., North, Chicago, Ill.
DAVIS desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.
DAVIS distilling condensers—Pratt & Cady Co., Inc., Hartford, Conn.
DAVIS driving wheels — Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.
DAVIS expansion boring tools—Davis Boring Tool Co., 3722 Forrest Park bl., St. Louis, Mo.
DAVIS friction clutches—Wooster Machine Co., Wooster, Ohio
DAVIS harness sewing machine—Davis Sewing Machine Co., Dayton, Ohio
DAVIS hygrometers, miners' safety lamps & water gauges—Joseph F. McCoy Co., 157 Chambers, New York
DAVIS inkstands & wells—Emry Davis, 298 Broadway, New York
DAVIS lathes—Davis Machine Tool Co., Rochester, N. Y.
DAVIS levels—M. W. Robinson Co., 296 B'way, New York
DAVIS row-locks—Malleable Iron Fittings Co., Branford, Conn.
DAVIS row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
DAVIS shot guns—Davis Warner Arms Co., 96 Chambers, New York
DAVIS steam & hot water heaters—O. C. Davis, Racine, Wis.
DAVIS switches—Menominee Electric Mfg. Co., Menominee, Mich.
DAVIS switches—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
DAVIS valves—G. M. Davis Regulator Co., 434 Millington, Del.
DAVIS valves—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.
DAVIS valves—Louis N. Davis, West Chester, Pa.
DAVIS-BIRAM anemometers—Joseph F. McCoy Co., 157 Chambers, New York.
DAVIS BROWN gas meter cleaning compounds—Standard Chemical & Supply Co., 172 2d, East Cambridge, Mass.
DAVIS & COOK levels—S. R. Jackson, Watertown, N. Y.
DAVIS DUPLEX power pumps—Pratt & Cady Co., Inc., Hartford, Conn.
DAVOREN-DENVER church bells, hose nozzles & couplings, locomotive injectors & lubricators—U. T. Davoren Brass Finishing Works, 1241 12th, Denver, Colo.
DAVY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
DAVY BROS. hydraulic forging presses—United Engineering & Foundry Co., Farmers Bank bldg., Pittsburgh, Pa.
DAWN PROTECTOR metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
DAWSON corset & shoe lace tipping—C. A. Luther, Inc., Pawtucket, R. I.
DAY mechanical dust collectors—Day Co., 1004 Lyndale, Minneapolis, Minn.

DAY spark plugs—Geo. F. Day, 21 Haverhill, Boston, Mass.
DAY-ELDER motor trucks—Day Elder Motors Corp., 20 Coit, Newark, N. J.
DAYLIGHT glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.
DAYLIGHT hog house puttyless windows—Milwaukee Corrugating Co., Milwaukee, Wis.
DAYLITE greaseless skylight cleaners—Anderson Specialty Co., 6 E. Lake, Chicago, Ill.
DAYLOS TUNGSTEN batteries—American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.
DAY'S battery motors—Menominee Electric Mfg. Co., Menominee, Mich.
DAY'S LITTLE GIANT grinding & crushing mills—J. H. Day Co., Cincinnati, Ohio
DAYTON bicycles—Davis Sewing Machine Co., Dayton, Ohio
DAYTON car bells & gongs—Dayton Mfg. Co., Dayton, Ohio
DAYTON car door fasteners, screw clamps, concrete inserts—Dayton Malleable Iron Co., Dayton, Ohio
DAYTON computing scales—Computing Scale Co., Dayton, Ohio
DAYTON cushioned tires—Dayton Rubber Mfg. Co., Dayton, Ohio
DAYTON-DOWD mills, pumps & tractors—Dayton-Dowd Co., Quincy, Ill.
DAYTON dynamos & motors & spark coils, auto charging sets & igniters—Dayton Electrical Mfg. Co., Dayton, Ohio
DAYTON harrows, cultivators, planters & hay loaders—Ohio Rake Co., Dayton, Ohio
DAYTON pipe couplings—Dayton Pipe Coupling Co., Dayton, Ohio
DAYTON pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio
DAYTON rod & tube pointing, tube tapering & wire pointing machines—The Excelsior Plant, successors to Excelsior Needle Co., Torrington, Conn.
DAYTON tube expanders & flue cutters—Gustav Wiedeke & Co., Dayton, Ohio
DAYTON turbine pumps—Union Engineering Co., Cuyahoga & W. 4th, Cleveland, Ohio.
DAYTON water motors—Valle-Kilmes Co., Dayton, Ohio
DAYTON C. & C. bean & pea planters—Ohio Rake Co., Dayton, Ohio
DAYTON OHIO water heaters—Dayton Supply Co., Dayton, Ohio
DAYTONIA acetylene gas machines—St. Clair Mfg. Co., Dayton, Ohio
DAZEY churns & ice cream freezers—Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.
DAZZLEINE metal polish—American Motor Equipment Co., 181 Massachusetts av, Boston, Mass.
DAZZLER metal polish—Layton, Park Oil & Soap Co., Forest H. & Hofmeister, Milwaukee, Wis.
DAZZLER motor cycle tires—Kokomo Rubber Co., Kokomo, Ind.
DAZZLER putty liquid polish—Miller Bros. & Co., 894 Broadway, New York
DEAD BEAT draft recording gauges—Precision Instrument Co., 21 Halsey, Newark, N. J.
DEAD EASY air compressors, tire pumps—Globe Mfg. Co., Battle Creek, Mich
DEAD EASY insecticides—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
DEAD EASY rat traps—Lovell Mfg. Co., Erie, Pa.
DEADLOCK hay carriers—Strickler Hay Tool Co., Janesville, Wis.
DEAD SHOT powder—American Powder Mills, Board of Trade bldg., Boston, Mass.
DEAD STROKE power hammers—Dienelt & Eisenhardt, 1304 N. Howard, Phila., Pa.
DEAF counter scales—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
DEAN boiler tube cleaners—Wm. B. Pierce Co., 40 N. Division, Buffalo, N. Y.
DEAN ear corn cutters—Sandwich Mfg. Co., Sandwich, Ill.
DEAN linseed oil & cake—American Linseed Co., 100 Woolworth bldg, New York
DEAN locomotive sanders—United States Metallic Packing Co., 221 N. 13th, Phila., Pa.
DEAN shaking grates—Washburn & Granger, 50 Church, New York
DEAN tubular boilers—Portland, Maine.
DEAN wire stretchers—Arcade Mfg. Co., Freeport, Ill.
DEAN wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
DEANE'S T squares—E. L. Deane Machine Co., Holyoke, Mass.
DEARBORN truck units—Dearborn Truck Co., 2015 S. Michigan av, Chicago, Ill.
DEARBORN yarn, floor & twisted-in-wire brushes & dusters—Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
DEARBORN'S blind stitch sewing machines—American Blind Stitch Machine Co., 325 Lafayette, New York
DEARSLEY foundry molding machines—Freeman Mfg. Co., Racine, Wis.
DEATH GRIP hay carriers—Goshen Mfg. Co., Goshen, Ind.
DEATON household reminders—Kohler Die & Specialty Co., De Kalb, Ill.
DE BARDELEBEN pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
DE BEER'S mining skips—Lake Shore Engine Works, Marquette, Mich.
DECARBONIZER carbon removers—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
DECKER log loaders—Clyde Iron Works & Sales Co., Duluth, Minn.

DECKER'S saws, inserted teeth — E. F. Decker Saw Works, Albany, N. Y.
DECOLENE oil & polish mops—Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
DECORA lighting glass—Macbeth-Evans Glass Co., C. of C. bldg, Pittsburgh, Pa.
DECUPLE flaming arc lamps—Scott Electrical Co., 357 Ogden, Newark, N. J.
DEDENDA car bells & gongs—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
DEEDS packing—Pioneer Brass Works, Indianapolis, Ind.
DEEMER steel converters—Deemer Steel Casting Co., New Castle, Del.
DEERE cultivators, harrows, potato diggers—Deere & Co., Moline, Ill.
DEERING binder twine, binders, harrows, harvesters, mowers, reapers, hay stackers, corn huskers, corn pickers, binder twine—International Harvester Co. of America (Inc.), Harvester bldg, Chicago, Ill.
DEFENDER blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
DEFENDER cotton hose—Pioneer Rubber Mills, San Francisco, Cal.
DEFENDER insect guns—Thos W. Houchin Co., 36 E. 12th, New Yoork
DEFENDER padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
DEFENDER rubber packing—Woven Steel & Rubber Co., Trenton, N. J.
DEFENDER safety pins—Oakville Co., Waterbury, Conn.
DEFENDER ORTHOCHROMATIC dry plates—Defender Photo Supply Co., Rochester, N. Y.
DE-FI carbon paper & polychrome typewriter ribbons —De-Fi Mfg. Co., 150 Nassau, New York
DEFIANCE auto truck trailers—Defiance Carriage Co., Defiance, Ohio
DEFIANCE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
DEFIANCE cultivators—Ohio Cultivator Co., Bellevue, Ohio
DEFIANCE cutlery polish, renovators & polishers—Dilg Mfg. & Trading Co., 27 E. 125th, New York
DEFIANCE disc harrows—Rock Island Plow Co., Rock Island, Ill.
DEFIANCE jet pumps—Tranter Mfg. Co., 105 Water Pittsburgh, Pa.
DEFIANCE pumps—F. E. Myers & Bro., Ashland, Ohio
DEFIANCE rubber belting, water & steam hose & sheet packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
DEFIANCE screw drivers—Stanley Rule & Level Co., New Britain, Conn
DEFY SEALE boiler compound—Northern Insulating Co., St. Paul, Minn.
DE FRANCE locomotive sanders—Newark Air Sand Box Co., Newark, Ohio
DEGRACO-TONE flat wall paints—Detroit Graphite Co., 10-12th, Detroit, Mich.
DEHN'S floor drains, closet bends, & elbows, grease traps—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.
DEHYDRATINE waterproofing materials—Vitrifex Co., 133 W. Washington, Chicago, Ill.
DEISSLER stained glass window ventilators—P. Deissler & Bro., 249 S. 6th, Phila., Pa.
DEISTER ore concentrators & slime tables—Deister Concentrator Co., Fort Wayne, Ind.
DEISTER-OVERSTROM ore concentrators & slime tables—Deister Concentrator Co., Fort Wayne, Ind.
DELAMATER sink & float testing machines—Penna. Crusher Co., Stephen Girard bldg., Phila., Pa.
DE LASKE fire hose looms—John Royle & Sons (Inc.), Paterson, N. J.
DE LA VERGNE refrigerating machinery & oil engines —De La Vergue Machine Co., 2101H E. 138th, New York.
DELAWARE blast furnaces—Delaware River Steel Co., Chester, Pa.
DELAWARE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
DELAWARE reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
DELCO engine starters—Dayton Engng. Laboratories Co., Dayton, Ohio
DELCO-LIGHT electric lighting plants—Delco Light Co., Dayton, Ohio
DELESPO garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.
DELHI carbon paints—Jenkins Paint & Oil Co., Norfolk, Va.
DELHI sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
DELIGHTO stoves—Birmingham Stove & Range Co., Birmingham, Ala.
DELL BARS washing powder—Delbare Mfg. Co., 714 S. Dearborn, Chicago, Ill.
DEL LU ZON liquid soap—Bonyata Chemical Co., Grinnell, Iowa
DELMARVIA garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
DELMAS welding plates & welding compounds—Century Tool & Metal Co., 180 N. Market, Chicago, Ill.
DELMONICO can openers—John H. Graham & Co., 113 Chambers, New York
DELMONICO'S ice cream dishers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
DEL MONTE canned goods—Cal. Packing Corp., 101 California, San Francisco, Cal.
DELPHOS dust pans, corn poppers, oil cans—Delphos Mfg. Co., Delphos, Ohio

DELTA anchors, cranes, derricks, hoists, elevators, trucks, trolleys, locomotives, etc.—N. J. Foundry & Machine Co., 89 West, New York
DELTA files—Carver File Co., 3235 Frankford av, Phila., Pa.
DELTA files—Delta File Wks., 4837 James, Phila., Pa.
DELTA packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DELTA padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
DELTA spark plugs—Delta Mfg. Co., 9 Delancy, Newark, N. J.
DELTA steam & hot water heaters—Concord Mfg. Co., Dayton, Ohio
DELTA sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
DELTA testing instruments—Foote, Pierson & Co., 160 Duane, New York
DELTABESTON wire—D. & W. Fuse Co., Hathaway, Providence, R. I.
DELTAR lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
DELTON grass rugs—Deltox Grass Rug Co., Oshkosh, Wis.
DELUGE chemical fire engines—Prospect Mfg. Co., Prospect, Ohio
DELUGE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DE LUX yarn hand dusters—Universal Brush Co., 181 Quincy, Chicago, Ill.
DE LUXE acetylene gas burners—American Lava Corp., Chattanooga, Tenn.
DE LUXE cabinet washing machines—White Lily Mfg. Co., Dept. H, Davenport, Ia.
DE LUXE inner automobile tubes—Thermoid Rubber Co., Trenton, N. J.
DE LUXE japanned ware—Schlueter Mfg. Co., St. Louis, Mo.
DE LUXE loose leaf devices—Wilson, Jones Loose Leaf Co., 3300 Franklin bldg, Chicago, Ill.
DELUXLITES electric light fixtures—Harter Mfg. Co., 524 S. Clinton, Chicago, Ill.
DE-MAND-A rotary harrow attachments—National Harrow Co., Le Roy, Ill.
DEMING pumps—Deming Co., Salem, O.
DEMON match safes—Grey Iron Casting Co., Mt. Joy, Pa.
DEMON sheet packing—Hart Packing Co., 144 High, Boston, Mass.
DEMON water tube cleaner—General Specialty Co., Buffalo, N. Y.
DEMOREL spray nozzle—Deming Co., Salem, Ohio
DEMPSTER pumping jacks & grain drill—Dempster Mill Mfg. Co., Beatrice, Neb.
DENNEY tag machinery—American Machine Co., Newark, Del.
DENNEY IMPROVED RIDER ERICSSON pumping engines—American Machine Co., Newark, Del.
DENNING tractors — Denning Tractor Co., Cedar Rapids, Ia.
DENNING'S tooth brush & towel holders—Denning Mfg. Co., 1777 E 87th, Cleveland, Ohio.
DENNIS derricks—Bronx Derrick & Tool Co., 143d & Southern Boulevard, New York
DENNIS weather strips—W. J. Dennis & Co., 2120 W Lake, Chicago, Ill.
DENNISON fire-proof hollow tile—Ohio Clay Co., Guardian bldg, Cleveland, Ohio
DENNY steam traps—W. K. Mitchell & Co., 2940 Ellsworth, Phila., Pa.
DENSMORE saw gunners—Tanite Co., Stroudsburg, Pa.
DENTUS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
DENZER electric & gas light fixtures—Beardslee Chandelier Mfg. Co., 216 S Jefferson, Chicago, Ill.
DEOXIDINE rust preventative—Am. Chemical Paint Co., 1118 S. 11th, Phila., Pa.
DEOXYLYTE rustless pickle for iron & steel—American Chemical Paint Co., 1118 S. 11th, Phila., Pa.
DEPENDABLE oak belting butts—Kistler, Lesh & Co., 332 Sumner, Boston, Mass.
DEPENDABLE rubber belting—New York Rubber Co., Reade & Church, New York
DEPENDABLE seamless steel sheels—Parish Supply & Mfg. Co., 2868 Quinn, Chicago, Ill.
DEPUTY MARSAUT miners' safety lamp—Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
DERAYCO house paint, flat wall paint & enamels—Devoe & Raynolds Co., Inc., 101 Fulton, New York.
DERAYCO brick paints—Devoe & Raynolds Co., Inc., 101 Fulton, New York.
DERBY cook stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
DERBY fifth wheels—Keystone Forging Co., Northumberland, Pa.
DERBY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DERBY pipe taps & reamers—Butterfield & Co., Derby Line, Vt.
DE REMER turbine water wheels—Mine & Smelter Supply Co., 42 Broadway, New York
DE RONDE paint & varnish remover—Frank S. De Ronde Co., 24 Stone, New York
DERINGER pistols—Remington Arms-Union Metallic Cartridge Co., 233 Broadway, New York
DERR hot air furnaces—Pottsville Foundry & Stove Co., Pottsville, Pa.
DE RYCKE steam separators—Ambrose Machine Co., 254 Eagle, Brooklyn, N. Y.
DECO copper store fronts—Detroit Show Case Co., 1670 H Fort W, Detroit, Mich.
DESERT belting—Quaker City Rubber Co., 629 Market, Phila. Pa.
DESHLER rural mail boxes, standardized—Deshler Mail Box Co., Deshler, Ohio
DES MOINES ELATERITE paints & waterproofing materials—Elaterite Paint & Mfg. Co., Des Moines, Ia.
DESMOND boiler injectors—Desmond-Stephan Mfg. Co., Urbana, Ohio
DESOCO bow separators—Detroit Socket Co., 834 W Jefferson, Detroit, Mich.
DESOLVO compound drain pipe cleaners—Chamberlain Co., 305 Penn av, Pittsburgh, Pa.
DETACHABLE grass catchers—Specialty Mfg. Co., 2362 University av, St. Paul, Minn.
DETERGINE benzine substitute—Duryea Mfg. Co., Bayonne, N. J.
DETRA boiler injectors—Stephen Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
DETROIT belt lacers—Detroit Belt Lacer Co., 27 A, Detroit, Mich.
DETROIT boilers & tanks—Jno. Brennan & Co., Dept. H, 24th & M. C. R. R., Detroit, Mich.
DETROIT car couplers—Monarch Steel Casting Co., Solvay & Wabash R. R., Detroit, Mich.
DETROIT folding scaffold brackets—Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.
DETROIT grease—O. F. Zurn Co., Broad & Lehigh av, Philadelphia, Pa.
DETROIT heat transformers & steam meters—Central Station Steam Co., 710 E. Woodbridge, Detroit, Mich.
DETROIT journal boxes—Michigan Malleable Iron Co., Delray, Detroit, Mich.
DETROIT mortar mixers—Oelman Mach. Co., 224 St. Antoine, Detroit, Mich.
DETROIT package sealing & labeling machines—Robt. Mitchell Co., Detroit, Mich.
DETROIT rocking elect. furnaces—Detroit Elect. Furnace Co., Book bldg, Detroit, Mich.
DETROIT row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
DETROIT rubber covered wire—Detroit Insulated Wire Co., Dept. H, Wesson & Albert, Detroit, Mich.
DETROIT springs—Detroit Steel Products Co., 2250 E Grand blvd., Detroit, Mich.
DETROIT steam traps—American Blower Co., 1400 Russell, Detroit, Mich.
DETROIT steel scaffold brackets—Buxton Machine Works, 935 Scotten, Detroit, Mich.
DETROIT switches & motor starters—Detroit Fuse & Mfg. Co., Detroit, Mich.
DETROIT trolley wire clamps—Ohio Brass Co., Mansfield, Ohio
DETROIT valves, gauges, lubricators—Detroit Lubricator Co., Detroit, Mich.
DETROIT weather strips—Frost Railway Supply Co., Penobscot bldg, Detroit, Mich.
DETROIT drills—Detroit Twist Drill Co., Detroit, Mich.
DETROIT JEWELL gas & coal ranges, furnaces & water heaters—Detroit Stove Wks., 6900 E Jefferson av, Detroit, Mich.
DEVEAU annunciators, push buttons—Stanley & Patterson, 23 Murray, New York
DEVERALL oil cans & oilers—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.
DEVIL SKIN superheated steam packing—Dealers Steam Packing Co., Palmyra, N. Y.
DEVO packing—Goetze Gasket & Packing Co., New Brunswick, N J.
DEVOE lead & zinc paint, velour finish, marble floor finish varnish, mirrolac, vernsaite spar varnishes, motor car finish, master house paint, barn paint, floor paint, holland enamel—Devoe & Raynolds Co., Inc., 101 Fulton, New York.
DEWARD oil hardening non-shrinking tool steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
DEWCO mine timber framing machines—Denver Engineering Works Co., Denver, Colo.
DEWEY cement—Dewey Portland Cement Co., Scarritt bldg, Kansas City, Mo.
DEWEY cultivators—Rockford Mfg. Co., Rockford, Ill.
DEWEY curtain stretchers—Wagner Curtain Stretcher Co., Greensburg, Pa.
DEWEY fire hose rack—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
DEWEY gas heaters—Edward S. Stevenson, New Castle, Pa.
DEWEY hose armour, hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
DEWEY lawn mowers—B. F. Avery & Son, Louisville, Ky.
DEWEY lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
DEWEY paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.
DEWEY potato planters—Potato Implement Co., Traverse City, Mich.
DE WITT BRAND wire cloth—Rogers Wire Works, Inc., Belleville, N. J.
DEXTER cement — Dexter Portland Cement Co., Nazareth, Pa.
DEXTER clothes washing machines & plow clevises —Dexter Co., Fairfield, Ia.
DEXTER garden cultivators & wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
DEXTER knives—T. J. Harrington, Southbridge, Mass.
DEXTER knives—Harrington Cutlery Co., Southbridge, Mass.
DEXTER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
DEXTER valve re-seating machines—Leavitt Mach. Co., Orange, Mass.
DEY time-recording system clocks—International Time Recording Co. of New York, Endicott, N. Y.

DIABOLO cream separators & washing machines—United Engine Co., Lansing, Mich.
DIABRASIVE diamond saw teeth—W. F. Meyers Co., Bedford, Ind.
DIAGON packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
DIAGONAL EXPANSION packing—General Asbestos & Rubber Co., Charleston, S. C.
DIAGRAPH stencil inks—Diagraph Co., 2121 N. 9th, St. Louis, Mo.
DIAGRAPH stencil machines—Diagraph Stencil Cutting Mach. Corp., 9th & Clinton, St. Louis, Mo.
DIAL cash registers—Dial Cash Register Co., 409 3rd. Milwaukee, Wis.
DIAMOND belting & belt cements—W. S. Nott Co., 2nd av, N. & 3rd, Minneapolis, Minn.
DIAMOND billiard chalk—American Crayon Co., Sandusky, Ohio
DIAMOND boys' axes—Mann Edge Tool Co., Lewistown, Pa.
DIAMOND brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
DIAMOND butchers' cleavers—John B. Black Co., Chester, Pa.
DIAMOND calcined plaster—J. B. King & Co., 17 State, New York
DIAMOND can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
DIAMOND carbon paper, typewriter ribbons & typewriter oils—Miller-Bryant-Pierce Co., Aurora, Ill.
DIAMOND carbon removers—Diamond Specialty Co., Indianapolis, Ind.
DIAMOND cast iron soil pipe—A. Weiskittel & Son Co., Dept. H, 12th & Lombard, Baltimore, Md.
DIAMOND cement—Diamond Portland Cement Co., Cleveland, Ohio
DIAMOND cement mixers & concrete building block machinery—Cardington Cabinet Co., Cardington, Ohio
DIAMOND coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
DIAMOND conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND core drills—Standard Diamond Drill Co., 38 S. Dearborn, Chicago, Ill.
DIAMOND core & prospecting drills—Sullivan Machineery Co., Peoples Gas bldg, Chicago, Ill.
DIAMOND corn & cob mills, sweep horse powers & tow mill machinery—New Winona Mfg. Co., Winona, Minn.
DIAMOND cotton mops—C. H. Ellert, Evansville, Ind.
DIAMOND cutting oils—Damascus Mfg. Co., Cassius av, Cleveland, Ohio
DIAMOND damper regulators & tube cleaners—Diamond Power Specialty Co., Oakland & Caniff, Detroit, Mich.
DIAMOND disc cotton hullers—Diamond Huller Co., Winsono, Minn.
DIAMOND door hangers—Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.
DIAMOND egg & cream beaters—Wickwire Spencer Steel Corp., Worcester, Mass.
DIAMOND elevator door hangers—Grant Pulley & Hardware Co., 101 Park av, New York
DIAMOND emery wheel dressers—Geo. Hartley, Waterbury, Conn.
DIAMOND expansion bolts, expansion screw anchors, toggle bolts & diamond N. brick drills—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND expanded metal lath—Milwaukee Corrugating Co., Milwaukee, Wis.
DIAMOND farm gates—Kokomo Steel & Wire Co., Kokomo, Ind.
DIAMOND gauge glasses—Diamond Specialty Supply Co., 1225 Arch, Phila., Pa.
DIAMOND hand & automatic surface grinders & saw sharpening machy.—Diamond Machine Co., Providence, R. I.
DIAMOND harness tools, shoemakers' tools, tanners' tools—Wm. H. Horn & Bros., 451 N 3rd, Phila, Pa.
DIAMOND harrows & pulverizers & wheel gang plows—Parlin & Orendorff Co., Canton, Ill.
DIAMOND hose nozzles—H. B. Sherman Mfg. Co., Battle Creek, Mich.
DIAMOND hose & packing—Empire Tire & Rubber Co., Trenton, N. J.
DIAMOND household dies—Wells & Richardson Co., Burlington, Vt.
DIAMOND hydrated lime—Ohio & Western Lime Co., Huntington, Ind.
DIAMOND ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
DIAMOND ice creepers—Norlund Mfg. Co., Williamsport, Pa.
DIAMOND industrial starch & vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
DIAMOND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
DIAMOND lock lever faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
DIAMOND log loaders, log hauls, lumber trimmers, gang saw mills, traction engines—Diamond Iron Works, Minneapolis, Minn.
DIAMOND lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.
DIAMOND molders' flasks—Diamond Clamp & Flask Co., Richmond, Ind.
DIAMOND motor cycle tires—B. F. Goodrich Co., Akron, Ohio
DIAMOND nickel anodes—Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
DIAMOND oak flooring—Louisiana Long Leaf Lumber Co., Fisher, La.
DIAMOND oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIAMOND packing—American Steam Packing Co., 165 High, Boston, Mass.
DIAMOND paints—Thompson & Co., 857 W. North av, Pittsburgh, Pa.
DIAMOND paper bags—Crunden, Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
DIAMOND playground equipment—Safety First Supply Co., 107 3rd av, Pittsburgh, Pa.
DIAMOND plow steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
DIAMOND plows—Parlin & Orendorff Co., Canton, Ill.
DIAMOND plumbers' brackets, stock fountains & valves—A. Y. McDonald Mfg. Co., Dubuque, Ia.
DIAMOND prepared plaster—United States Gypsum Co., 205 W Monroe, Chicago, Ill.
DIAMOND printing presses & paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
DIAMOND prospecting drills—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
DIAMOND rope lariats—Diamond Whip Co., 406 N. Curtis, Chicago, Ill.
DIAMOND seals—Keystone Seal & Press Co., 30 Main, Brooklyn, N. Y.
DIAMOND self-opening dies—Chas. G. Allen Co., Barre, Mass.
DIAMOND shades & reflectors—Klemm & Co., 132 N. 5th, Phila., Pa.
DIAMOND soil pipe & fittings—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
DIAMOND soldering stick & paste—Burnley Battery & Mfg. Co., North East, Pa.
DIAMOND steam flue blowers—Diamond Power Specialty Co., Oakland & Caniff, Detroit, Mich.
DIAMOND steam traps—Jenkins Bros., 80 White, New York
DIAMOND stove pipe dampers—Adams Co., Dubuque, Ia.
DIAMOND weather strips—Diamond Metal Weather Strip Co., Columbus, Ohio
DIAMOND weather vanes—National-Standard Co., Box 211, Niles, Mich.
DIAMOND window screen cloth—New Jersey Wire Cloth Co., Trenton, N. J.
DIAMOND woven wire fences—Hohulin Bros., Goodfield, Ill.
DIAMOND wrenches—Frank Mossberg Co., Attleboro, Mass.
DIAMOND A. broad axes—American Axe & Tool Co., Glassport, Pa.
DIAMOND-B nail pullers—Belden Machine Co., New Haven, Conn.
DIAMOND B nail puller—Smith & Hemenway Co., 261 Broadway, New York, 130 Coit, Irvington, N. J.
DIAMOND BLACK harness oils—Climax-Western Oil Co., Minneapolis, Minn.
DIAMOND E. motor cycle spokes—Torrington Co. Standard plant, Torrington, Conn.
DIAMOND EAGLE tobacco knives—Jno. B. Russell, Napanoch, N. Y.
DIAMOND EDGE pruning shears—Nagley Mfg. Co., Lyons, N. Y.
DIAMOND FIBRE roving cans—Diamond State Fibre Co., Bridgeport, Pa.
DIAMOND GRID storage batteries—Phila. Storage Battery Co., E. Ontario & C., Philadelphia, Pa.
DIAMOND GRIT sand blast abrasives—Harrison Supply Co., 209 Washington, Boston, Mass.
DIAMOND H. switches, flush plugs—Hart Mfg. Co., 230 Hamilton, Hartford, Conn.
DIAMOND (J. D.) cocoa mats—Rancocas Mills, Trenton, N. J.
DIAMOND K. plumbers' traps & brass tubing—F. J. Klenke Co., Sharon bldg, San Francsico, Cal.
DIAMOND L. fire alarm signal boxes—Chas. W. Leveridge, 133 Liberty, New York
DIAMOND LINE waste baskets—Penn Art Steel Wks., Erie, Pa.
DIAMOND N. expansion bolts & drills—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND N. magnesia pipe & boiler coverings—Norristown Magnesia & Asbestos Co., Norristown, Pa
DIAMOND OIL BLACK asphalt paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
DIAMOND QUALITY welded chains—Rowe Calk & Chain Co., Plantsville, Conn.
DIAMOND S. brake shoes—Parker & Topping Co., Brainerd, Minn.
DIAMOND S. pipe hangers, unions—John Simmons Co., 110 Centre, New York
DIAMOND W. lubricating oils—Borne-Scrymser Co., 80 South, New York
DIAMOND & ARMSTRONG gang saw edgers—Diamond Iron Works, Minneapolis, Minn.
DIAMOND & DITTENBENNER saw mill dogs—Diamond Iron Works, Minneapolis, Minn.
DIAMONDLESS core drills—Ingersoll-Rand Co., 11 Broadway, New York
DIANA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
DIANA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIAX de-sizing agent for bleaching, etc., dyeing, etc.—Malt Diastase Co., 79 Wall, New York
DIBBLE sight feed lubricators—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
DICE gasoline engines—Dice Machine Co., Anderson, Ind.
DICHTUNGSGUMMI metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
DICKBELT belting—R. & J. Dick, Ltd., Passaic, N. J.
DICKENS lead pencils—American Lead Pencil Co., 220 5th av, New York.
DICKEY door & window bolts—Stanley Works, New Britain, Conn.
DICKEY fanning mills, grain & seed graders—A. P. Dickey Mfg. Co., Racine, Wis.

DICKEY woven wire brushes—Chas. E. Chapin, 201 Fulton, New York
DICKINSON carriage eyelets — Goshen Eyelet Co., Goshen, Ind.
DICKINSON ventilators—Paul Dickinson, 3346 S. Artesian av, Chicago, Ill.
DICKMAN rub irons—Defiance Machine Works, Defiance, Ohio
DICKOWS' 10" UNIVERSAL index cutters—Fred C. Dickow, 3504 W Lake, Chicago, Ill.
DICK'S feed cutters—Jos. Dick Mfg. Co., Canton, Ohio
DICTAPHONE dictating machines—Columbia Graphophone Co., 233 Broadway, New York
DICKSTEPH CAST IRON BRAND brazing flux—Economy Welding Machine Co., Kansas City, Mo.
DIDIER brick—Didier-March Co., Perth Amboy, N. J.
D-I-E cast iron piston rings—S. W. Merritt Co., 699 W. 133rd, New York
DIEHL cupboard catches, screen door hinges, storm sash hangers, barn door latches & transom lifts—Diehl Novelty Co., Glenbeulah, Wis.
DIELECTRIC electric cable compounds & metal polish—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
DIELECTRIC underground conduits—Dielectric Co. of America, Belleville, N. J.
DI-EL-ITE resistance units & standard resistors—Wirt Co., 5221-7 Greene Gtn., Phila., Pa.
DI-EN-KEY brass & iron expansion bolts—Diamond Expansion Bolt Co., 89 West, New York
DIESEL oil engines—McIntosh & Seymour Corp., Auburn, N. Y.
DIESEL oil engines—Midwest Engine Co., Indianapolis, Ind.
DIESEL TYPE oil engines—New London Ship & Engine Co., Groton, Conn.
DIETZ hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
DIFFUSELITE paint, blinds & lighting fixtures—J. G. Wilson Corp., 8 W 40th, New York.
DIFFUSELITE venetian blinds—H. B. Dodge & Co., 332 H S Michigan av, Chicago, Ill.
DIGGER shovels—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
DIGHTON stoves—Dighton Foundry Co., Taunton, Mass.
DIGWELL PATTERN post hole augers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
DIKEMAN chain attachment drills—M. W. Robinson Co., 296 B'way, New York
DIKEMAN floor scrapers & saw clamps—Dikeman Mfg. Co., Norwalk, Conn.
DILG cutlery polish—Dilg Mfg. & Trading Co., 27 E 125th, New York
DILL slotting machines—T. C. Dill Machine Co. (Inc.), Somerset & Mascher, Phila., Pa.
DILLON railroad fences & wire stretchers—Northwestern Barb Wire Co., Sterling, Ill.
DIM-A-LITE regulating sockets, electric portables & incandescent lamp attachments—Wirt Co., 5221-7 Greene Gtn., Phila., Pa.
DIME door checks—Caldwell Mfg. Co., Rochester, N. Y.
DIMO GRIT oil stones, emery tool grinders—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
DIMO-SPECIAL food grinders—Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
DINGEE-WOODBURY sweep horse powers—M. Rumley Tractor Co., La Porte, Ind.
DINGO red sheet packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
DINGS magnetic separators—Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
DINKEL steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
DINKLAGE CREEPCHECK anti-rail creepers—Creepcheck Co., 81 Fulton, New York
DIONE baths—Crane Co., 836 S Michigan av, Chicago, Ill.
DIRECT DRIVE conductor pipe hooks—Milwaukee Corrugating Co., Milwaukee, Wis.
DIRECTOIRE blotting paper — Albermarle Paper Mfg. Co., Richmond, Va.
DIRECTOR lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
DIRIGO boat anchors, hoists & swivel hooks & wire rope clips—Thos. Laughlin Co., Portland, Me.
DIRIGO copper floats—William Briggs, 100 Lexington av, Brooklyn, N. Y.
DIRIGO packing—Jno. M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
DIRIGO silos—Stevens Tank & Tower Co., Auburn, Me.
DIRIGO solderless copper floats—Boston Brass Co., 135 Bacon, Waltham, Mass.
DISAPPEARING wardrobe fronts—J. G. Wilson Corp., 8 W 40th, New York.
DISBROW creamery churns—Oakes & Burger Co., Cattaragus, N. Y.
DISC felt neptune water filters—Union Filter & Novelty Co., 73 Franklin, New York.
DISC strain insulators—Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
DISFICO horn insulation—Diamond State Fibre Co., Bridgeport, Pa.
DIS-PRO gasoline marine engines—Disappearing Propeller Boat Corp. of New York, North Tonawanda, N. Y.
DISSTON hack saws—Hy. Disston & Sons, Tacony, Phila., Pa.
DISTEEL wheels—Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
DISTRICT plows—Collins Plow Co., Quincy, Ill.
DITTO duck & crow calls—Charles H. Ditto, Keithsburg, Ill.
DITTO duplicators—Duplicator Mfg. Co., 530 S Dearborn, Chicago, Ill.
DITTO duplicators—Duplicator Mfg. Co., 530 S. Dearborn, Chicago, Ill.
DIVINE tires & water motors—Divine Bros. Co., Utica, N. Y.
DIX door hangers—Dix Mfg. Co., Fallsway & E. Eager, Baltimore, Md.
DIXIE automatic grease cups—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
DIXIE bar bending machines—Jameton Patent Bender Co., Arcade bldg., St. Louis, Mo.
DIXIE belt fasteners & lacing—Columbia Novelty Co., St. Louis, Mo.
DIXIE cultivators—Wm. H. Clore Mfg. Co., Washington, Ind.
DIXIE cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
DIXIE exhaust heads—Dixie Mfg. Co., Russel, Baltimore, Md.
DIXIE harrows—Southern Plow Co., Columbus, Ga.
DIXIE magnetos—Sumter Electrical Wks., Sumter, S. C.
DIXIE oak flooring—Bliss Cook Oak Co., Blissville, Ark.
DIXIE oil filters—Collins Mfg. Co., Ltd., 612 Chestnut, Phila., Pa.
DIXIE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIXIE packing—General Asbestos & Rubber Co., Charleston, S. C.
DIXIE spring tooth harrows—Wirtz & Hernlen, Augusta, Ga.
DIXIE transformers & push buttons—Edwards & Co., Exterior av & 140th, New York
DIXIE ventilators—Dowman-Dozier Mfg. Co., Atlanta, Ga.
DIXIE well buckets—Richmond Cedar Works, Fulton, Richmond, Va.
DIXIE ANTI-FRICTION babbit metal—Smith-Courtney Co., Richmond, Va.
DIXIE FLYER electric automobiles—Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.
DIXIE QUEEN garden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
DIXON fly traps—Reynolds Wire Co., Dixon, Ill.
DIXON radiator shields—Monash-Younker Co., 551 W Monroe, Chicago, Ill.
DIXON'S crayons, crucibles, axle grease, plumbago, belt dressing, stove polish & paints for coating—Jos. Dixon Crucible Co., Jersey City, N. J.
D'LIGHT lighting fixture—Wizard Electric Lamp Co., 147 New Montgomery, San Francisco, Cal.
DOBBIE derricks & hoists—Dobbie Fdry. & Mach. Co., Niagara Falls, N. Y.
DOBBINS hot air furnaces—Simons-Leedle Co., Marshall, Mich.
DOBCO belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DOCK hot water heaters—Hayes Pump & Planter Co., Galva, Ill.
DOCKASH gas ranges & stoves—Scranton Stove Works, Scranton, Pa.
DOCTOR file handles—Doane Mfg. Co., Allston, Mass.
DR. BAILEY'S ensilage cutters—Ames Plow Co., Quincy Hall, Boston, Mass.
DR. BRAUN'S packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
DR. GEORGE W. GRILE PATENT pneumatic pressure rubber suits—B. F. Goodrich Co., Akron, Ohio
DR. HORN tachometers—Foxboro Company, The, Foxboro, Mass.
DR. LEAVITT pig forceps—Leavitt Mfg. Co., Urbana, Ill.
DR. MENDENHALL'S pig forceps—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
DR. SCHMITZ'S monopole oils—Wolf, Jacques & Co., Lexington av, Passaic, N. J.
DR. SCOTT safety razors—Pall Mall Electric Co., 128 W. 34th, New York
DR. WHEDON'S paper towels—Tuttle Press Co., Appleton, Wis.
DODDS packing—Bowers Rubber Works, San Francisco, Cal.
DODGE automatic tripping hooks, cable chain & system of coal storage—Link-Belt Co., 329 W. 39th Chicago, Ill.
DODGE blackboard surfacing material—American Soapstone Finish Co., Chester Depot, Vt.
DODGE pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
DODGE rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
DODGE roll jaw crusher—Kennedy Van Saun Mfg. & Eng. Corp., 120 Broadway, New York
DODGE turret lathes—S. A. Woods Machine Co., 27 Damrell, Boston 27, Mass.
DODGE rock crushers—Walker Mfg. Co., Denver, Colo.
DODGE-COLLINS compression couplings — Dodge Sales & Engineering Co., Mishawaka, Ind.
DODSON hame chain—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
DOGGETT'S PERFECTION parting compounds—Stanley Doggett, 11 Cliff, New York
DOGWOOD belting—Hewitt Rubber Co., Buffalo, N. Y.
DOHERTY-ELDRED lime burning kilns—Improved Equipment Co., 60 Wall, New York
DOLBERS storm sash hangers—W. W. Woodruff & Sons Co., Mt. Carmel, Conn.
DOLE double compression couplings—Dole Valve Co., 1923 Carroll av, Chicago, Ill.
DOLLY MADISON ivory Py-ra-lin toilet articles—Arlington Wks., The (E. I. Du Pont de Nemours & Co.), Wilmington, Del.
DOLPHIN drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
DOLPHIN insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.

DOLPHIN oil—Texas Company, 17 Battery pl, New York
DOLPHIN waterproof belting—Providence Belting Co., 7 Beverly, Providence, R. I.
DOLPHIN ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
DOLPH'S insulating varnishes—John C. Dolph Co., 168 Emmett, Newark, N. J.
DOMES OF SILENCE sliding furniture casters—Henry W. Peabody & Co., 17 State, New York
DOMESTIC carpet sweepers—Domestic Vacuum Cleaner Co., Torrington, Conn.
DOMESTIC clothes washing & household ironing machines—Domestic Laundry Equipment Corp., 224 W. 26th, New York
DOMESTIC gas engines—Domestic Engine & Pump Co., Shippinsburg, Pa.
DOMESTIC hot water generators—Fred. A. Tyler, Albany, N. Y.
DOMESTIC spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
DOMESTIC sunshine steel ranges—Reading Stove Works, Reading, Pa.
DOMINION acid proof belting mfrs., gauge glasses, gum & fibrous gaskets, piston & valve rod plunger, pumps, engines, etc., sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DOMINO sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DONALDSON crucible furnaces—Denver Fire Clay Co., Denver, Colo.
DONALDSON harvesters, beet pullers, farm boilers—Donaldson Bros., Mt. Clemens, Mich.
DONAVAN floor drains—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
DONEGAL gate latches & gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.
DONKEY rod packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DONNELLY Christmas tree holders—C. H. Miller Hardware Co., Huntington, Pa.
DONNELLY linemen's climbers—Blakeslee Forging Co., Plantsville, Conn.
DONNELLY valves—Donnelly Mfg. Co., 10 H High, Boston, Mass.
DONOVAN floor flanges—Trenton Potteries Co., Trenton, N. J.
DON'T WORRY closet seats—Peerless Selling Co., Evansville, Ind.
DOOLEY lightning rods & fixtures—Dooley Lightning Rod Co., Topeka, Kans.
DOOLEY steel toe-calks—P. F. Burke, Dorr & Dorchester av, S. B., Boston, Mass.
DOOLITTLE'S viscosimeters—Eimer & Amend, 205 3rd av, New York
DOOLITTLE'S viscosimeters—Geo. D. Feidt & Co., 244 N. 5th, Phila., Pa.
DOPP soap makers' machinery—Sowers Mfg. Co., Buffalo, N. Y.
DORA blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
DORCHESTER extension ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
DORIC baths & lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
DORIC-ALL-ONE illuminating glassware, etc.—Jefferson Glass Co., 5 S. Wabash av, Chicago, Ill.
DORICLITE illuminating glassware, etc.—Jefferson Glass Co., 5 S. Wabash av, Chicago, Ill.
DO RO belt dressing & boiler compounds—Doermann Roehrer Co., 318 E 3rd, Cincinnati, Ohio
DORR cyanide plants, diaphragm pumps, continuous thickeners, & slime classifiers—Dorr Co., Denver, Colo.
DORRANCE rocking grate bars, smokeless furnaces & trolley shock absorbers—Chas. J. Dorrance, 811 Dept. H, N. Y. Life bldg., Chicago, Ill.
DORRITE electrical insulating compounds—Insulation Co., 190 Culver av, Jersey City, N. J.
DORSEY milk bottle caps—Roberts Lightning Mixer Co., 39 Pearl, Boston, Mass.
DOTY washing machines—Doty Mfg. Co., Dayton, O.
DOUBLE blade chopping knives—Cassday Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
DOUBLE ACTION CROWN ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
DOUBLE-DUTY sockets—General Electric Co., Schenectady, N. Y.
DOUBLE DIAMOND rubber hose & packing & belting—New York Belting & Packing Co., 91 Chambers, New York.
DOUBLE EAGLE push buttons—F. H. Lovell & Co., Arlington, N. J.
DOUBLE EDGE box strapping—Stanley Works, New Britain, Conn.
DOUBLE END feed carriers—Louden Machinery Co., Fairfield, Ia.
DOUBLE EXTRA SPECIAL deep drawing tool steel—Hammond Steel Co., Inc., Syracuse, N. Y.
DOUBLE GRIP guy clips—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
DOUBLE GRIP tapping chucks—Wm. L. Procunier, 5947 W. Erie, Chicago, Ill.
DOUBLE JACK wire stretchers—American Steel & Wire Co., 208 La Salle, Chicago, Ill.
DOUBLE JET gasoline blow torches—Turner Brass Works, Sycamore, Ill.
DOUBLE POINT electric sad irons—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
DOUBLE QUICK—egg & cream beaters—Roseland Can & Specialty Co., Rockford, Ill.
DOUBLE QUICK ice cream freezers—Richmond Cedar Works, Fulton, Richmond, Va.
DOUBLE SERVICE filters—Everson Filter Co., 70 W Lake, Chicago, Ill.
DOUBLE SPECIAL tool steel for cutting tempered steel, chilled iron, etc.—Halcomb Steel Co., Syracuse, N. Y.
DOUBLE TAPE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
DOUDS blow-off valves, boiler injectors, cellar drainers, flexible joints—Frank C. Douds & Co., New Castle, Pa.
DOUGHBOY jacks—McKiernan-Terry Drill Co., 17 Park row, New York
DOUGHBOY wheat flour—Mennel Milling Co., Toledo, Ohio
DOUGHERTY cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
DOUGHERTY feed water purifiers—Economy Iron Works, Chester, Pa.
DOUGLASS adjustable steel pine hangers—J. E. Douglass, 180 N Dearborn, Chicago, Ill.
DOUGLAS chair seats—Blair Veneer Co., North Troy, Vt.
DOUGLAS wood pipe—Canal Lumber Co., Seattle, Wash.
DOUGLASS fir piles—St. Paul & Tacoma Lumber Co., Tacoma, Wash.
DOVER egg & cream beaters—Landers, Frary & Clark, New Britain, Conn.
DOVER egg & cream beaters—Wickwire Spencer Steel Corp., Worcester, Mass.
DOVER egg & cream beaters—National Mfg. Co., Worcester, Mass.
DOVER egg & cream beaters—Parker Wire Goods Co., Worcester, Mass.
DOVER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
DOVER egg & cream beaters—Wire Goods Co., Worcester, Mass.
DOVER oil & ash cans, fog horns, water coolers—Dover Stamping & Mfg. Co., Cambridge, Mass.
DOVER pig iron—Dover Iron Co. Bear Springs, Tenn.
DOW cold rolling disc sharpeners—Gould Balance Valve Co., Kellogg, Ia.
DOW conveyors & package chutes—Dow Wire & Iron Works, Louisville, Ky.
DOW pumps & engines—Dow Pump & Diesel Engine Co., Alameda, Cal.
DOWAGIAC fishing rods—Jas. Heddon & Son, Dowagiac, Mich.
DOWAGIAC grain drills—Dowagiac Drill Co., Dowagiac, Mich.
DOWDEN potato diggers—Dowden Mfg. Co., Ltd., Prairie City, Ia.
DOW LAW cotton planters—Towers & Sullivan Mfg. Co., Rome, Ga.
DOWNIE deep well & geared pumps—Keystone Driller Co., Beaver Falls, Pa.
DOWNING card holders—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
DOYLESTOWN fodder cutters—Doylestown Agricultural Works, Doylestown, Pa.
DRACO cylinder oil—Texas Company, 17 Battery pl, New York
DRAGON carriage axles & automobile springs—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
DRAGON cement—Lawrence Portland Cement Co., Siegfried, Pa.
DRAGON dextrine, paste, soluble oils, textile finishing gum & size—General Adhesive Mfg. Co., Inc., 469 Greenwich, New York
DRAGON enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
DRAGON oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DRAKE lock nuts & washers—Drake Lock Nut Co., 10th & Folsom, San Francisco Cal.
DRAKE-CASTLE boiler lugs—A. M. Castle & Co., 715 N. Morgan, Chicago, Ill.
DRAPER pneumatic flue welders, expansion joints & flexible joints—Draper Mfg. Co., Port Huron, Mich.
DRAPER & HALL grinders—Draper & Hall Co., Middletown, Mass.
DRAVER scroll mills—Wolf Co., Chambersburg, Pa.
DREADNAUGHT road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
DREADNAUGHT tread and cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
DREADNOUGHT high speed steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
DREADNOUGHT high speed tool steel—Halcomb Steel Co., Syracuse, N. Y.
DREADNOUGHT interlocking cork tile—Dreadnought Flooring Co., 154 W. 18th, New York
DREADNOUGHT motor top material & rubber coated cloth—L. C. Chase & Co., 89 Franklin, Boston, Mass.
DREADNOUGHT pneumatic tires—Dreadnought Tire & Rubber Co., Eager & 5th, Baltimore, Md.
DREADNOUGHT soap makers' presses—Machinery Designing & Mfg. Co., 656 Hudson, New York
DREADNAUGHT STOCKADE fences & gates—Anchor Post Iron Wks., 50 Church, New York
DREDNAUT wire rope—Upson-Walton Co. of N. Y., 291 B'way, New York
DREER'S PEERLESS glazier's points—Henry A. Dreer, 714 Chestnut, Phila., Pa.
DRESDEN flat paint & finish—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
DRESSER pipe clamps—S. R. Dresser Mfg. Co., Bradford, Pa.
DREW trolley line materials & railway supplies—Hegeman-Castle Corp., Fisher bldg., Chicago, Ill.
DREW trolley line materials & railway supplies—Holden & White, 343 S Dearborn, Chicago, Ill.
DREYFUS oil & grease cups—Nathan Mfg. Co., 416 E. 106th, New York
DREXEL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
DREXEL lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.

DRIPLES BAFFEL steam separators—Plant Engineering & Equipment Co., Inc., 192 H Broadway, New York.
DRIQUICK paper towels—Union Paper & Twine Co., 128 St. Clair av, Cleveland, Ohio.
DRITHINOL paint oils—Columbia Refining Co., 90 West, New York
DRIWAL waterproofing materials—Billings, Chapin Co., 1163 E 40th, Cleveland, Ohio
DRONSFIELD BROS. card grinding machines—Leigh & Butler, 232 Summer, Boston, Mass.
DROUVE ventilators—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
DRUCKLIEB sand blast barrels & sand blasting helmets—J. M. Betton, 59 Pearl, New York
DRUID PRIMO belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DRUID WATERPROOF belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DRUM Pattern lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
DRYCEIL pipe sleeves—Dryceil Pipe Sleeve Co., 351 Lexington av, New York
DRUID airtight stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
DRYPACK duplex & cloth lined waterproof paper & container boards—W. Ralston & Co., Inc., Niagara Falls, N. Y.
DUAL churns—Owatonna Mfg. Co., Owatonna, Minn.
DUAL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
DUBL DUTY pile driving hammers—McKiernan & Terry Drill Co., 17 Park row, New York
DU BARRY ivory pyralin toilet articles—The Arlington Works (E. I. du Pont de Nemours & Co.), Wilmington, Del.
DU BOIS gas engines—Dubois Iron Works, Dubois, Pa.
DU BRUL cigar bunching machines & tobacco scrap cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
DUBUQUE hot air registers—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
DU CHARME adjustable wrenches, pipe cutters, pipe vises—Superior Tool Co., Cambridge, Ohio
DUCHESS oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DUCHESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
DUCK NEST tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
DUDE scrubbing brushes—Standard Brush Co., New Hartford, Conn.
DUDLO induction coils—Dudlo Mfg. Co., Ft. Wayne, Ind.
DUFF chain attachment drills—Upton & Gilman Machine Co., Lowell, Mass.
DOUBLE blade chopping knives—Cassaday Fairbank
DUFF gas producers—Duff Patents Co., Frick bldg., Pittsburgh, Pa.
DUFF jacks & trench braces—Duff Mfg. Co., Preble av, Pittsburgh, Pa.
DUFFY wall board—J. P. Duffy Co., 207 E. 138th, New York
DUFFY'S sink strainers—Cassday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
DUFOUR bolting cloth—Tobler & Co., Inc., 115 Broad, New York.
DUGGAN porcelain cleats—Imperial Porcelain Works, Trenton, N. J.
DU-KANE paints—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
DUKE lubricators—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
DUKE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DUKE water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
DULL fine varnish—Samuel F. Woodhouse, Unity & Franklin, Philadelphia, Pa.
DULL gravel washing & screening plants—Raymond W. Dull Co., 111 W. Washington, Chicago, Ill.
DULL'S electric sign flashers—Reynolds-Dull Flasher Co., 18 S. Wells, Chicago, Ill.
DUM-DUM pipe covering—Arco Co., Euclid av & E. 65th, Cleveland, O.
DUMORE high speed grinders, drills, motors & labor saving devices—Wisconsin Electric Co., 1600 Junction av, Racine, Wis.
DUMPIT sand boxes—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.
DUMPS rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
DUMPY levels—Wm. Ainsworth & Sons, Denver, Colo.
DUMPY levels—Bausch & Lomb Optical Co., Rochester, N. Y.
DUMPY levels—Keuffel & Esser Co., Hoboken, N. J.
DUNBAR bidets—J. L. Mott Iron Works, Trenton, N. J.
DUNBAR SPRINGS springs—Dunbar Bros. Co., Bristol, Conn.
DUNCAN transformers & wattmeters—Duncan Electric Mfg. Co., Lafayette, Ind.
DUNDEE cast iron wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
DUNDON'S cannery retorts—Universal Engineering Co., 462 Fillmore, San Francisco, Cal.
DUNDON'S water tube boilers—Dundon Iron Works, 225 Folsom, San Francisco, Cal.
DUNER car water closets—Duner Co., 101 S. Clinton, Chicago, Ill.
DUNHAM clod crushers & rollers—Dunham Co., Berea, Ohio
DUNHAM heating service—C. A. Dunham Co., 343 S. Dearborn, Chicago, Ill.
DUNLAP wire wheels—Bridgeport Engineering Co., Stratford, Conn.
DUNLAP'S miners' safety lamps—John Dunlap Co., Carnegie, Pa.

DUNLOP pneumatic tires—G. & J. Tire Co., Indianapolis, Ind.
DUNN oil well pipe tongs—Dunn Mfg. Co., Oxnard, Cal.
DUNN re-boring tools for engine cylinders—J. Edward Dunn, 9 Bethune, New York
DUNN'S mitre clamps — Burgess-Norton Mfg. Co., Geneva, Ill.
DUNSTAN stench traps—Fred. E. Glenn, St. Charles, Ill.
DUO NOZZLE lawn sprinklers—H. B. Sherman Mfg. Co., Battle Creek, Mich.
DUO POINT gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
DUPLEX arc lamp mast arms—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
DUPLEX asbestos packing—Empire Tire & Rubber Corp., Trenton, N. J.
DUPLEX automobile brakes—Raybestos Co., Bridgeport, Connn.
DUPLEX automobile brakes—Bridgeport, Conn.
DUPLEX arc lamp mast arms—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
DUPLEX boiler feed pumps—Blake Pump & Condenser Co., Fitchburg, Mass.
DUPLEX boiler feeders—Kiely & Mueller, 34 W. 13th, New York
DUPLEX brake bands—Raybestos Co., Bridgeport, Conn.
DUPLEX brick carriers' clamps—Duplex Mfg. & Foundry Co., Elyria, Ohio
DUPLEX car doors & fittings—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
DUPLEX catch basins—Hartford Foundry Corporation, Hartford, Conn.
DUPLEX chains—Hatheway Mfg. Co., Bridgeport, Conn.
DUPLEX china painters' palettes—Stirrup Mfg. Co., Market, Newark, N. J.
DUPLEX concrete joist hangers, wall boxes, post caps & bases—Duplex Hanger Co., E. 53rd & Lakeside av, Cleveland, Ohio
DUPLEX corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio
DUPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
DUPLEX emery band disc grinder—T. P. Walls Tool & Supply Co., 75 Walker, New York.
DUPLEX eyelet machines—United Shoe Machinery Co., Boston, Mass.
DUPLEX expansion bolts—Isaac Church, East Norwalk, Conn.
DUPLEX fireless cookers—Durham Mfg. Co., Muncie, Ind.
DUPLEX fruit evaporators & hop furnaces—Munnsville Plow Co., Munnsville, N. Y.
DUPLEX garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.
DUPLEX gin saw-filing machines—A. A. Wood & Sons Co., Atlanta, Ga.
DUPLEX log turners—Edwards Mfg. Co., Laceyville, Pa.
DUPLEX metal key faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
DUPLEX milling machines—W. B. Knight Machinery Co., 3920 W. Pine blvd, St. Louis, Mo.
DUPLEX mitre & clamping machines, molding sander machines, veneer drying machines — Duplex Moulding Sander Co., Hornell, N. Y.
DUPLEX oil pumps—G. E. Witt Co., 862 Howard, San Francisco, Cal.
DUPLEX paint & white wash spraying machines & ratchet handle pumps—F. E. Myers & Bro., Ashland, Ohio
DUPLEX pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
DUPLEX postage stamp vending machines—Midland Supply Co., Davenport, Ia.
DUPLEX pumping jacks & tank heaters & windmills—Duplex Mfg. Co., Superior, Wis.
DUPLEX rod boring machines — Newton Machine Tool Works, 23rd & Vine, Phila., Pa.
DUPLEX safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.
DUPLEX safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
DUPLEX sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
DUPLEX seals—Keystone Seal & Press Co., 30 Main, Brooklyn, N. Y
DUPLEX sewage ejectors—Chicago Pump Co., 2342 Wolfram, Chicago, Ill.
DUPLEX stock, dies, thread cutting tools, tap wrenches, taps, die & screw plates—Hart Mfg. Co., Cleveland, Ohio
DUPLEX stove pipes & elbows—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
DUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York
DUPLEX tube scrapers—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
DUPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio
DUPLEX water heaters—A. D. Gordon, 231 Franklin, Buffalo, N. Y.
DUPLEX weighing machines—E. Edtbauer, 817 Washington blvd, Chicago, Ill.
DUPLEX wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.
DUPLEX stuff pumps—Dillon Machine Co., Lawrence, Mass.
DUPLEX CONE blowers, fans, ventilating apparatus—Howard & Morse, 45 Fulton, New York
DUPLEX CROWN steam & hot water heaters—U. S. Heating & Plbg. Co., 744 W. Court, Cincinnati, O.
DUPLIMERGE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.

DU PONT blasting powder, explosives, blasting caps, cap crimpers, connecting wire, electric squibs, thawing kettles, blasting supplies, leading wire, rheostats, galvanometers, blasting machines, tamping bags, fireworks powder, hand trap (for throwing clay targets), electric, waterproof electric & delay electric blasting caps & Du Pont delay electric igniters—du Pont de Nemours & Co., (E. I.), Wilmington, Del.

DU PONT chemicals—Du Pont Chemical Works, Wilmington, Del.

DU PONT BULK shot gun powders (for export only) —du Pont de Nemours & Co. (E. I.), Wilmington, Del.

DU PONT DENSE shot gun powder (for export only) —du Pont de Nemours & Co. (E. I.), Wilmington, Del.

DU PONT No. 1 smokeless rifle powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.

DU PONT PISTOL POWDER No. 3—du Pont de Nemours & Co. (E. I.), Wilmington, Del.

DU PONT RIFLE powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.

DUPREE tank lugs—T. W. Snow Construction Co., 117 N. Dearborn, Chicago, Ill.

DUQUESNE hunters' axes—American Axe & Tool Co., Glassport, Pa.

DUQUESNE metal polish—Duquesne Polish Co., 53 S. 15th, Pittsburgh, Pa.

DUQUESNE rail points—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.

DURABELLE signal flag bunting—Textile Products Mfg. Co., Park av & Dolman, St. Louis, Mo.

DURABESTOS asbestos packing, water gauge glasses, ets.—United Asbestos & Packing Co., 629 Washington blvd, Chicago, Ill.

DURABLA packing, gaskets, valve discs—Durabla Mfg. Co., 114 Liberty, New York

DURABLE asphalt roofing—McHenry-Millhouse Mfg. Co., South Bend, Ind., & Fulton, N. Y.

DURABLE belts, belting, belt dressing & cements—Cleveland Oak Belting Co., 1239 W 9th, Cleveland, Ohio.

DURABLE pot cleaners—John Ritzenthaler, 73 Franklin, New York

DURABLE pump leather—C. F. Adams, P. O. Box 253H, Ft. Worth, Texas.

DURABLE rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.

DU-RA-BUL carbon paper & typewriter ribbons—Republic-Dodge Mfg. Co., 188 3rd av, Brooklyn, N. Y.

DURACO asbestos packings, gauge glasses, etc.—United Asbestos & Packing Co., 619-629 Washington blvd., Chicago, Ill.

DURADUCT flexible metallic conduits—Tubular Woven Fabric Co., Pawtucket, R. I.

DURAFLEX shoe covers—Endura Mfg. Co, 63rd & Eastwick av, Phila.. Pa

DURAGRAPH time recorder & cost keeping system clocks—Automatic Time Stamp Co., 164 Congress, Boston, Mass.

DURALITE varnishes—Atlantic Varnish Works, Inc., Richmond, Va.

DURAM vacuum air valves—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.

DURAMETALLIC metallic packing—Endura Mfg. Co., 63d & Eastwick, Phila., Pa.

DURAND steel lockers —Durand-Steel Locker Co., 76 W. Monroe, Chicago, Ill.

DURANESTOS asbestos packings, brake band lining & auto sheet packing—United Asbestos & Packing Co., 619-629 Washington blvd, Chicago, Ill.

DURANT revolution counters—Durant Mfg. Co., 655 Buffum, Milwaukee, Wis.

DURATEX artificial leather—Duratex Co., 768 Frelinghuysen av, Newark, N. J.

DURATEX cords for switchboards & telephones—Stromberg Carlson Tel. Co., Rochester, N. Y.

DURATOP artificial leather—Duratex Co., 768 Frelinghuysen av, Newark, N. J.

DURBIN safety car couplers—Scullin Steel Co., 6700 Manchester, St. Louis, Mo.

DURBON carbon paints—Chas. Moser Co., Cincinnati, Ohio

DURCO wood preservatives—Duryea Mfg. Co., Bayonne, N. J.

DURECO forge blowers—National-Standard Co., P. O. Box 211, Niles, Mich.

DURHAM drainage systems—E. Baggot Co., 21 E. Lake, Chicago, Ill.

DURHAM floor flanges—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

DURIRON acid castings, acid proof pipe & jets & stirrers, valves, chemical pans, steam ejectors, pumps, acid eggs & cocks—Duriron Castings Co., Dayton, Ohio

DURISTO paints—Duristo Paint Co., Newport News, Va.

DURKEE electric rock drills—Mine & Smelter Supply Co., 42 Broadway, New York

DURO belting—Duckwall Belting & Hose Co., 201 N. West, Indianapolis, Ind.

DURO blow-off valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

DURO electric house pumps & water supply systems —Burnett Larsh Mfg. Co., Dayton, Ohio

DURO flexible cords—Chas. H. McEvoy, Lowell, Mass.

DURO rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio

DURO storage batteries—Vivax Storage Battery Co., 219 E. 24th, Chicago, Ill.

DURO welded tanks, knock down tanks, grain bins, & silos—C. C. Fouts Co., Middletown, Ohio

DUROIL fibre packings—United Asbestos & Packing Co., 619-629 Washington blvd, Chicago, Ill.

DUROLOID cement mill balls—Los Angeles Foundry Co., 2444 H Alameda, Los Angeles, Cal.

DUROPLOTE blackboards—E. W. A. Rowles Co., 2345 S La Salle, Chicago, Ill.

DUROTAG thermometers—Chas. J. Tagliabue Mfg. Co., 18 33rd, Brooklyn, N. Y.

DURTOUT priming cups—C. E. Duryea Co., Saginaw, Mich.

DURUS drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.

DUST DOOM sweeping compounds—J. F. Herne Co., Sanford, Boston, Mass.

DUSTDOWN sweeping compounds—Fitch Dust Down Co., 1028-36 W. Front, Cincinnati, Ohio

DUSTINE sweeping compounds—Velvetta Mfg. Co., 142 N. 4th, Philadelphia, Pa.

DUSTITE respirators—Walter Soderling, Inc., 347 W. B'way, New York

DUSTOLINE road preservatives—Dustoline for Roads Co., Summit, N. J.

DUSTOLINE sweeping compounds—Continental Mfg. Co., Indianapolis, Ind.

DUTCH BOY white & red lead & linseed oil—National Lead Co., 111 Broadway, New York

DUTCH BOY PHOENIX babbit metal—National Lead Co., 111 B'way, New York

DUTCHER loom temples—Draper Corp., Hopedale, Mass.

DUTCHESS cotton planting drills—Moline Plow Co., Moline, Ill.

DUTCHESS garden barrows—Thos. McWhinnie, Poughkeepsie, N. Y.

DUTCHESS rubber hose—New York Rubber Co., Reade & Church, New York

DUTTON sickel grinders—Cutaway Harrow Co., Higganum, Conn.

DUVAL bidets—J. L. Mott Iron Works, Trenton, N. J.

DUVAL metallic packing—Power Specialty Co., 111 Broadway, New York

DUX-BAC metallic shingles—Eller Mfg. Co., Canton, O.

DUXBAK belting & belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York

DUX DE LUX water proof paper—Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.

DUX-FUT baseball gloves—Chicago Sporting Goods Mfg. Co., 211 N. Carpenter, Chicago, Ill.

DWARF oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio

DWIGHT slate marking machines—Noble & Westbrook Mfg. Co., Hartford, Conn.

DWIGHT SLATE drilling machines—Bilton Machine Tool Co., Bridgeport, Conn.

D-X bridle rings—Diamond Expansion Bolt Co., 89 West, New York

DYAR portable air compressors, sand & gravel heaters & dryers—Dyar Supply Co., 66 B'way, Cambridge, Mass.

DYBIE reversing valves—Morgan Construction Co., Worcester, Mass.

DYER multiple effects evaporators—Dyer Co., 2031 Euclid av, Cleveland, Ohio

DYER trolley ears—Chester Ry. Supply Co., Chester, Pa.

DYMUN camel hair press cloth—F. T. Parker & Co., 700 H College, Columbia, S. C.

DYNALITE dynamite—American Dynalite Co., Amherst, Ohio

DYNAMITE steam hose—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.

DYNAMO leather belting—U. S. Nott Co., 2nd av & 3rd, Minneapolis, Minn.

DYNAMO mill & factory supplies—Moloney Belting Co., 130 N. Franklin, Chicago, Ill.

DYNAMO sheet metal brushes—Perfection Supply Co., 98 Park pl, New York

E. B. alloy & carbon steel—Atlas Crucible Steel Co., Dunkirk, N. Y.

E-B agricultural implements—Emerson-Brantingham Co., Rockford, Ill.

E. B. OSBORNE knife grinders, reapers, reaping attachments, hay rakes & tools, mowers, corn, grain, truck & twine binder—Emerson-Brantingham Co., Rockford, Ill.

E. C. automobile springs—Hoover Spring Co., 201-223 Franklin, San Francisco, Cal.

E. C. smokeless shotgun powders—Hercules Powder Co., Wilmington, Del.

E. C. V. automobile springs—Hoover Spring Co., 201-223 H Franklin, San Francisco, Cal.

E. E. B. canopy insulators—E. E. Bechtold, 1928 Wabash av, Chicago, Ill.

E. G. B. commutator compounds—Troy Electrical Co., Troy, N. Y.

E. H. gas tips—D. M. Steward Mfg. Co., Chattanooga, Tenn.

E. I. C. spark plugs—Post & Lester Co., Hartford, Conn.

E.-I.-E. staybolt iron—Ewald Iron Co., Louisville, Ky.

E. K. & M. can body making & soldering machines—Seattle-Astoria Iron Works, Seattle, Wash.

E. M. TALOR automobile wind shields—English & Mersick Co., New Haven, Conn.

E. S. elevator guide lubricators—Elevator Supplies Co., Hoboken, N. J.

E. S. E. blow-off valves—Sargent Co., 625 W. Jackson blvd, Chicago, Ill.

E. Z. bed springs—Lewis-Weller Mfg. Co., Utica, N. Y.

E-Z brazing & welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.

E. Z. desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.

E-Z furnace cleaners—Federal Stamping Co., Holland, Mich.

E-Z hand vacuum cleaners—Warner Co., Muncie, Ind.

E. Z. jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.

E. Z. nail pullers—Bradley & Farnham, Middlefield, Conn.

E. Z. paint & varnish remover—D. B. Crockett, Bridgeport, Conn.
E. Z. polishes—Martin & Martin, 3005 Carroll, Chicago, Ill.
E Z rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
E-Z swinging hose racks—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, Ohio
E-Z switch boxes—Economy Switchbox & Mfg. Co., Cleveland, Ohio
E-Z tire air pumps—A. Wissler Instrument Mfg. Co., Broadway & Wash. av, St. Louis, Mo.
E Z type cleaning brushes—Zimmer Mfg. Co., 59 Beekman, New York.
E-Z wringer mops—U. S. Mop Co., Toledo, Ohio
E. Z. C. thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
E-Z-KETCH rat traps—E-Z Mfg. Co., Galesburg, Ill.
E. Z. Q. metal polish—Bobrick Chemical Co., Los Angeles, Cal.
E-Z SEAL fruit jars—Hazel Atlas Glass Co., Wheeling, W. Va.
E. Z. SET boring tools—Unity Mfg. Co., 4227 Lorain av, Cleveland, Ohio
E. Z. WAY storm sash hangers—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
E Z Y egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.
E. & A. electric furnaces & filter paper—Elmer & Amend, 205 3rd av, New York
E. & J. oil marine lamps—Edmunds & Jones Corp., 436 Lawton, Detroit, Mich.
E. & K. lubricating oils & greases—R. J. Kanter Co., 647 Water, New York
EACO insulating tape—Electric Appliance Co., 701 W. Jackson blvd., Chicago, Ill.
EAGLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive—Mathieson Alkali Works, 53 Canal, Providence, R. I.
EAGLE anvils—Fisher & Norris, Trenton, N. J.
EAGLE asphalt roofing—Schillinger Bros. Co., Detroit, Mich.
EAGLE belt fasteners—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
EAGLE belt rivets—Plume & Atwood Mfg. Co., Waterbury, Conn.
EAGLE belting—Chas. A. Schieren, 30 H Ferry, New York.
EAGLE boiler injectors — Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
EAGLE carbon paper & typewriter ribbon—American Ribbon & Carbon Co., Rochester, N. Y.
EAGLE carriage bolts—Clinton E. Hobbs, 12 Pearl, Boston, Mass.
EAGLE cement—Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.
EAGLE chain repair links—Thos. Laughlin Co., Portland, Ore.
EAGLE cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
EAGLE dry pans—Eagle Iron Works, Des Moines, Ia.
EAGLE dry pans—Fernholtz Brick Machinery Co., Boyle & Vandevant av, St. Louis, Mo.
EAGLE faucets & washer cutters—Chas. I. Allen, Pequabuck, Conn.
EAGLE files—Nicholson File Co., Providence, R. I.
EAGLE fire hose—Eureka Fire Hose Mfg. Co., 27 Barclay, New York
EAGLE fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
EAGLE fly traps—Reynolds Wire Co., Dixon, Ill.
EAGLE fly traps—Wickwire Spencer Steel Corp., Worcester, Mass.
EAGLE gasoline engines & fodder cutters & tractors—Eagle Mfg. Co., Appleton, Wis.
EAGLE glue—International Glue Co., 201 Devonshire, Boston, Mass.
EAGLE grease buckets & sewer buckets—Eagle Mfg. Co., Wellsburg, W. Va.
EAGLE hay carriers—Appleton Hay Tool Co., Appleton, Wis.
EAGLE lamp black—L. Martin Co., 81 Fulton, New York
EAGLE lawn mowers—Philadelphia Lawn Mower Co., 3101 Chestnut, Phila., Pa.
EAGLE lawn swings—A. Buch's Sons Co., Elizabethtown, Pa.
EAGLE lubricating oils & Greases—Swan & Finch Co., 165 B'way, New York
EAGLE lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
EAGLE marine engines—Torrington Co., The Standard Plant, Torrington, Conn.
EAGLE miners' safety lamps—Geo. T. Anton & Bro., Monongahela, Pa.
EAGLE oil & grease cups—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
EAGLE oil stoves & heaters—Grinberg Bros., 154 South, New York
EAGLE packing—Revere Rubber Co., Chelsea, Mass.
EAGLE packing, hose—Empire Tire & Rubber Corp., Trenton, N. J.
EAGLE plumbers' solder & lead goods—Eagle Picher Lead Co., 208H S La Salle, Chicago, Ill.
EAGLE roof snow guards—J. H. Fulmer, Nazareth, Pa.
EAGLE rubber covered wire—Marion Insulated Wire & Rubber Mfrs.—Marion, Ind.
EAGLE rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
EAGLE shoe blacking & polishes—American Shoe Polish Co., 20th & Troy, Chicago, Ill.
EAGLE springs—Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
EAGLE stocks and dies—American Tap & Die Co., Greenfield, Mass.
EAGLE stove clay—Williams Stove Lining Co., Taunton, Mass.
EAGLE stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
EAGLE tungsten lamps—Boston-Economy Lamp Div. National Lamp Works of G. E. Co., 43 Hospital, Providence, R. I.
EAGLE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.
EAGLE varnish—Emil Calman & Co., 100 William, New York
EAGLE wax tapers—Columbia Wax Works, 751 E. 137th, New York
EAGLE wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
EAGLE wringers—Eagle Woodenware Mfg. Co., Hamilton, Ohio
EAGLEINE disinfectants, lubricating oils & greases, & packing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
EAGLEINE HOLDFAST belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
EAGLE PASTE stove polish—Williams Stove Lining Co., Taunton, Mass.
EAGLE SAIL cotton twine—Fulton Bag & Cotton Mills, Atlanta, Ga.
EAGLESFIELD motor driven wood moulder—Vonnegut Machinery Co., 19 W South, Indianapolis, Ind.
EAMES halter trimmings—Frazer & Jones Co., Syracuse, N. Y.
EAMES rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
EARLE lace leather cutters—Greene, Tweed & Co., 109 Duane, New York
EARLE'S revolving ventilators—Berger Bros. Co., 229 Arch, Phila., Pa.
EARLEY steam & hot water heaters—Wm. Earley, 1216 Ridge av, Philadelphia, Pa.
EARLY BIRD contractors' plows—Slusser-McLean Scraper Co., Sidney, Ohio
EARLY BIRD riding listers—St. Joseph Plow Co., St. Joseph, Mo.
EARLY'S commutator compounds—Edw. E. Early Co., Canton, Ohio
EASE rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
EASE-ON belt dressing—Mt. Vernon Belting Co., 333 Warren av, Baltimore, Md.
EASIEST WAY clothes washing machines—Easiest Way Mfg. Co., Sandusky, Ohio
EASTERN hame tips—Frazer & Jones Co., Syracuse, N. Y.
EAST INDIA cochin oils—Welch, Holme & Clark Co., 383 West, New York
EAST LAKE hip ornamental shingles—W. J. Burton Co., Junction & Federal, Detroit, Mich.
EASTMAN cloth cutting machines—Eastman Machine Co., 779 Washington, Buffalo, N. Y.
EASTMAN'S marble—Tompkins Kiel Marble Co., 505 5th av, New York
EASTON cars, locomotives, switches & trucks—Easton Car & Construction Co., 198 Fulton, New York.
EASTON water closet—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
EASTON'S furniture polish—Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
EASY bench punches—Butts & Ordway Co., 33 Purchase, Boston, Mass.
EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.
EASY car movers—E. H. Stafford Mfg. Co., 218 S. Wabash av, Chicago, Ill.
EASY cultivators—Ohio Cultivator Co., Bellevue, Ohio
EASY door hangers—Lawrence Bros., Sterling, Ill.
EASY garden sprayers—Hudson Mfg. Co., 324 3d av, N Minneapolis, Minn.
EASY hay presses—W. H. Stopple, Dallas, Tex.
EASY lawn mowers—Blair Mfg. Co., Springfield, Mass.
EASY lemon squeezers—H. C. Hart Mfg. Co., Unionville, Conn.
EASY swatters—Parker Wire Goods Co., Worcester, Mass.
EASYBRIGHT metal polish, stove polish—B. F. Stinson Co., Buffalo, N. Y.
EASY CUTTING hoof parers—Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
EASY EMPTYING grass catchers—Specialty Mfg. Co., 2362 University av, St. Paul, Minn.
EASY FLOW oil cans—Bumann Mfg. Co., Litchfield, Ill.
EASY GRIP EXTENSION hack saw frames—West Haven Mfg. Co., West Haven, Conn.
EASY HOLD punches and nail sets—West Haven Mfg. Co., West Haven, Conn.
EASY LIFT sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
EASY LIFT walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
EASYLOCK stove pipe & elbow—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
EASY MONEY riding listers, easy rider stalk cutters—Moline Plow Co., Moline, Ill.
EASYON anti-skid auto chains—Woodworth Mfg. Co., Starr av, Binghamton, N. Y.
EASY RIDER stalk cutters—Moline Plow Co., Moline, Ill.
EASY SETTING rat traps—Lovell Mfg. Co., Erie, Pa.
EASY TASK washboards—John A. Lawn, Lewistown, Pa.
EASY WAY cultivators—Racine-Sattley Co., Springfield, Ill.
EASY WAY hay loaders—Sandwich Mfg. Co., Sandwich, Ill.
EATON axes—Dunn Edge Tool Co., Oakland, Me.
EBERHARDT lathe tools & tool holders—Union Tool Co., Orange, Mass.
EBINGER urinal stalls—D. A. Ebinger Sanitary Mfg. Co., 181 Lucas, Columbus, O.

EBONBLAK QUALITY finishes — Chicago Varnish Co., 2100 Eleston av, Chicago, Ill.
EBONITE gaskets, air drills hose, packing, tubing, pump valves—Quaker City Rubber Co., 629 Market, Phila., Pa.
EBONITE lacquer—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
EBONY round belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
EBONY window screen cloth—New Jersey Wire Cloth Co., Trenton, N. J.
EBSEN oil extractors—Griscom-Russell Co., 92 West. New York
EBUR drinking fountains & lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ECCENTRIC mills for enamel—Chas. Ross & Son Co., 148 Classon av, Brooklyn, N. Y.
ECCENTRIC spark timers—A. R. Mosler & Co., Mt. Vernon, N. Y.
ECHO spark plugs—Electrolamp Co., Detroit, Mich.
ECHO toys, games & novelties—Bregwoodkro Stamping & Mfg. Co., Lorain, Ohio
ECHOLS thread taps—Pratt & Whitney Co., Hartford, Conn.
ECK HURRICANE fans & motors—Eck Dynamo & Motor Co., Belleville, N. J.
ECKLIFF automatic circulator for Scotch boilers—Eckliff Circulator Co., Campau bldg., Detroit, Mich.
ECKO confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.
ECKSTROMER storage batteries—American Storage Battery Co., Albro, Boston, Mass.
ECLIPSE adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
ECLIPSE air brushes—Eclipse Air Brush Co., 79 H Orange, Newark, N. J.
ECLIPSE annealing furnaces, melting furnaces & glue heaters—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
ECLIPSE bakers' bread mixers—Sumner Mfg. Co., Boston, Mass.
ECLIPSE boiler & locomotive injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
ECLIPSE bottom dumping buckets—Lakewood Engineering Co., Cleveland, Ohio
ECLIPSE bread mixers—Manning, Bowman & Co., Meriden, Conn.
ECLIPSE brushes—A. L. Sonn Brush Co., Troy, N. Y.
ECLIPSE car fenders & wheel guards—Eclipse Railway Supply Co., 4824 Payne av, Cleveland, Ohio
ECLIPSE carbureters—Generator Valve Co., 47 Dinsmore pl, Brooklyn, N. Y.
ECLIPSE ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.
ECLIPSE centrifugal pumps—United Iron Works, Oakland, Cal.
ECLIPSE china painters' palettes—Stirrup Mfg. Co., Inc., Market, Newark, N. J.
ECLIPSE closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
ECLIPSE cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
ECLIPSE Corliss engines—Frick Co., Waynesboro, Pa.
ECLIPSE cotton mops—C. H. Ellert, Evansville, Ind.
ECLIPSE cotton rope—Anniston Cordage Co., Anniston, Ala.
ECLIPSE cultivators—J. I. Case Plow Works, Racine, Wis.
ECLIPSE currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
ECLIPSE disc harrows—Thompson Plow & Engine Works, Beloit, Wis.
ECLIPSE door checks—Sargent & Co., New Haven, Conn.
ECLIPSE electric bells—P. R. Mfg. Co., Detroit, Mich.
ECLIPSE electric lamp flashlights—Universal Novelty Works, 164 5th av, New York
ECLIPSE emery tool grinders—Myers Machine Tool Co., Columbia, Pa.
ECLIPSE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
ECLIPSE faucets—Chas. I. Allen, Pequabuck, Conn.
ECLIPSE finger nail clippers—Chas. Geider, Jr., Ansonia, Conn.
ECLIPSE fire hose racks—Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.
ECLIPSE fire hydrants, shoe blacking foot rests, shoe lasts & stands, shoemaker's hammers—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
ECLIPSE folding wall clothes dryers, ironing boards & towel bars—Eclipse Co., North Girard, Pa.
ECLIPSE gas heaters, ranges, laundry stoves, match safes—Eclipse Gas Stove Co., Rockford, Ill.
ECLIPSE gas stoves & steel ranges—Eclipse Stove Co., Mansfield, Ohio
ECLIPSE gas & gasoline pumping engines, pumps, windmills, clutches, asphalt roofing, friction clutch couplings & pulleys—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
ECLIPSE gasoline engines—Harms Bros., 1730 Thames, Baltimore, Md.
ECLIPSE hand corn planters—F. E. Kohler Co., Canton, Ohio
ECLIPSE hickory handles—Hartwell Handle Co., Harvey, Ill.
ECLIPSE hose nozzles & rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ECLIPSE hot air furnaces—Buckwalter Stove Co., Royersford, Pa.
ECLIPSE incandescent gas mantles—Eclipse Light Co., 583 B'way, New York
ECLIPSE incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
ECLIPSE kitchen knives—Christy Knife Co., Fremont, Ohio
ECLIPSE lawn mowers—Eclipse Lawn Mower Co., Prophetstown, Ill.
ECLIPSE marine engines—Harms Bros., 1730 Thames, Baltimore, Md.
ECLIPSE marking inks—Binney & Smith Co., 81 Fulton, New York
ECLIPSE mortar color—Chattanooga Paint Co., Chattanooga, Tenn.
ECLIPSE oil cabinets & tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
ECLIPSE packing—General Asbestos Rubber Co., Charleston, S. C.
ECLIPSE paint & varnish remover—Gould & Cutler, 45 Sudbury, Boston, Mass.
ECLIPSE paints—Reisenmann Mfg. Co., Franklin, Pa.
ECLIPSE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
ECLIPSE pipe hooks—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
ECLIPSE pneumatic ink wells—General Eclipse Co., Danielson, Conn.
ECLIPSE pneumatic rock drills—C. H. Shaw Pneumatic Tool Co., Denver, Colo.
ECLIPSE portable grain elevators—O'Neil, T. L., Implement Co., Marseilles, Ill.
ECLIPSE pump governors, pipe hangers, steam traps & valves—Hughson Steam Specialty Co., W. 21st & S. Racine av, Chicago, Ill.
ECLIPSE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
ECLIPSE safety fuse, special taped safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
ECLIPSE smoke indicators—Boiler Room Equipment Co., 8 S. Dearborn, Chicago, Ill.
ECLIPSE spray pumps—Morrill & Morley Mfg. Co., Benton Harbor, Mich.
ECLIPSE springs, hooks, brush holders, kitchen wire goods, stove lid lifters, pokers, towel rods, wire products, locks—Wickwire Spencer Steel Corp., Worcester, Mass.
ECLIPSE steel wire mats—La Porte Mat & Mfg. Co., La Porte, Ind.
ECLIPSE stove pipe thimbles—Eclipse Metal Mfg. Co., Eden, N. Y.
ECLIPSE stone unloaders—Galion Iron Works & Mfg. Co., Galion, Ohio
ECLIPSE time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
ECLIPSE valves—Illinois Engineering Co., W. 21st & S. Racine av, Chicago, Ill.
ECLIPSE wagon jacks—Torrey Bros. Co., Central Village, Conn.
ECLIPSE waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York
ECLIPSE wind shield cleaners—American Automatic Devices Co., 515 W Monroe, Chicago, Ill.
ECLIPSE wire stretchers—Milwaukee Hay Tool Co., Milwaukee, Wis.
ECLIPSE, 4 LEVER padocks—Slaymaker Lock Co., Lancaster, Pa
ECLIPSE, 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
ECLO motor boats, launches & yachts—Elco Co., Bayonne, N. J.
ECLYPSE drill chucks—Nielson-Barton Chuck Co., 106 S. Jefferson, Chicago, Ill.
ECO electric door switches—Edwards & Co., Exterior av & 140th, New York
ECO piston rings—Eco Mfg. Co., Exchange bldg., Boston, Mass.
ECONO expanded metal—North Western Expanded Metal Co., Old Colony bldg, Chicago, Ill.
ECONOMIC boilers—Erie City Iron Works, Erie, Pa.
ECONOMIC bottle washing machinery—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
ECONOMIC electric pumps—Bleyle Electric Co., 84 Cortlandt, New York
ECONOMIC house heating boilers—Frank Prox Co. Terre Haute, Ind.
ECONOMIC lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.
ECONOMIC lime spreaders—Hench & Dromgold Co., York, Pa.
ECONOMIC wool oil—Swan & Finch Co., 165 B'way, New York
ECONOMICAL cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
ECONOMIZER gas engines—H. L. Chapman, Marcellus, Mich.
ECONOMY belt shifters—L. T. Hagan, Winchester, Ky.
ECONOMY bread & cake mixers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
ECONOMY clothes washing machines—Ohio Pump & Brass Co., Columbus, Ohio
ECONOMY cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
ECONOMY cold saw cutting off & electric driver & structural steel shaped saws, hack saws, saw blades & frames, circular for metal cutting off—W. Roberson Machine & Foundry Co., 56 Rano, Buffalo, N. Y.
ECONOMY corkboard insulation—United Cork Co., 50 Church, New York
ECONOMY cotton mops—C. H. Ellert, Evansville, Ind.
ECONOMY cutting & drilling compounds & valve grinding compounds—White & Bagley Co., Worcester, Mass.
ECONOMY desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.
ECONOMY disc harrows, seeders & sowers & seeder attachments—Moline Plow Co., Moline, Ill.
ECONOMY double headed nails—F. A. Neider & Co., Dept. H, Augusta, Ky.

ECONOMY drag line excavators, dredging buckets, sewer & trench & excavating machines—Gage Excavating Co., Iowa Falls, Ia.
ECONOMY electric bells—Edwards & Co., Exterior av & 140th, New York
ECONOMY extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
ECONOMY feed water regulators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
ECONOMY foot guards, headrods & switch points—Economy Separable Switch Point Co., Louisville, Ky.
ECONOMY fuel gas burners—Chatfield & Sharp, Jamestown, N. Y.
ECONOMY garbage disposal plants—Guardian Gas Appliance Co., 3409 Superior, Cleveland, Ohio
ECONOMY gas ranges—Economy Stove Co., 2108 Superior, Cleveland, Ohio
ECONOMY gasoline gas machines—Economy Gas Machine Co., Rochester, N. Y.
ECONOMY gasoline lighting systems—Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
ECONOMY grinding hoods—Kirk & Blum Mfg. Co., 2850 Spring Grove av, Cincinnati, Ohio
ECONOMY iron stove pipe—Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
ECONOMY mailing bags—Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
ECONOMY manganese bronze rods—Economy Welding Machine Co., Kansas City, Mo.
ECONOMY manual training benches—Economy Mfg. Co., 508 Commerce, Phila., Pa.
ECONOMY oil filters—G. W. Galloway, 322 Pearl, New York
ECONOMY pipe joint cements—Modern Iron Works, Quincy, Ill.
ECONOMY poultry fountains—Oakes Mfg. Co., Tipton, Ind.
ECONOMY railroad tie plates—Spencer, Otis Co., 80 E. Jackson blvd, Chicago, Ill.
ECONOMY railroad tie plates—Whitaker-Glessner Co., Wheeling, W. Va.
ECONOMY refillable cartridge fuses, fuse links, miscellaneous electric fuses—Economy Fuse & Mfg. Co., Greenview av at Diversey, Parkway, Chicago, Ill.
ECONOMY rigid steel conduits — National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
ECONOMY steam turbines & turbo blowers—Kerr Turbine Co., Wellsville, N. Y.
ECONOMY steam & hot water heaters—Pittsburgh Water Heater Co., Jenkins bldg., Pittsburgh, Pa.
ECONOMY steel corn cribs—Walker Mfg. Co., Council Bluffs, Ia.
ECONOMY stove pipes—A. Geisel Mfg. Co., 219 S 2d, St. Louis, Mo.
ECONOMY stoves—Comstock-Castle Stove Co., Quincy, Ill.
ECONOMY street flushing machines—O'Neil, T. L. Co., Marseilles, Ill.
ECONOMY surveyors' compasses—Eugene Dietzgen Co., 166 W. Monroe, Chicago, Ill.
ECONOMY switch stands—Am. Valve & Meter Co., Cincinnati, Ohio
ECONOMY tank heaters—Dayton-Dowd Co., Quincy, Ill.
ECONOMY toggles—Economy Toggle Co., 21 Storer, Boston, Mass.
ECONOMY waste baling presses—Economy Baler Co., Ann Arbor, Mich.
ECONOMY waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York
ECONOMY water tube boilers—O'Dougherty, Henry, 307 Washington, Brooklyn, N. Y.
ECONOMY woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.
ECONOMY BRAND brazing flux—Economy Welding Machine Co., Kansas City, Mo.
EDDY arc lamp windlasses—Commercial Electrical Supply Co., B'way & Spruce, St. Louis, Mo.
EDDY farm boilers, feed cutters & potato hiller—Eddy W. Plow Co., Dept. H, Greenwich, N. Y.
EDDY gate valves—Eddy Valve Co., Waterford, N. Y.
EDDY smoke recorders—Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.
EDDY vacuum heating—Eddy Engineering Co., Alpena, Mich.
EDDYSTONE sash cords—Silver Lake Co., Newtonville, Mass.
EDELWEISS exterior white enamel—Truscon Laboratories, Caniff & G. T. R. R., Detroit, Mich.
EDEN clothes washing machines—Gillespie Eden Corp., 50 Church, New York
EDEXO map paper—Education Exhibition Co., 26 Custom House, Providence, R. I.
EDGAR lawn trimmer—Osmundson Spade Mfg. Co., Perry, Ia.
EDGAR ALLEN tool steel importers—Edgar Allen & Co., 718 W Lake, Chicago, Ill.
EDGAR'S bath tub enamels—Globe Varnish Co., Kelly & La Schall, Pittsburgh, Pa.
EDGECUMBE elastic metal packing—J. C. Edgecumbe & Co., 149 Broadway, New York
EDGEMONT friction clutches—Edgemont Machine Co., Dayton, Ohio
EDGE-ON belting mfrs.—Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.
EDGER'S fire shovels—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EDGERTON continuous roller presses—Kutztown Foundry & Machine Co., 1421 Chestnut, Phila., Pa.
EDGEVILLE reverse trap water closets—Central Metal & Supply Co., 611 E Lombard, Baltimore, Md.
EDGEWOOD cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
EDGEWOOD screw drivers—Turner & Deegan, Bristol, Conn.
EDINBURGH mortar color—Toch Bros., 320 5th av, New York
EDIS pickling compounds—Research Mfg. Co., Oak Lane Station, Pa.
EDISON babbit metal—Nassau Smelting & Refining Works, 603 W. 29th, New York
EDISON cement—Edison Portland Cement Co., Stewartville, N. J.
EDISON glass insulators—Brookfield Glass Co., 2 Rector, New York
EDISON MIMEOGRAPH duplicators—A. B. Dick Co., 736 W. Jackson blvd., Chicago, Ill.
EDISON phonographs—Thomas A. Edison, Orange, N. J.
EDISON storage batteries—Edison Storage Battery Co., Orange, N. J.
EDISON waterproofing materials—North Jersey Paint Co., Stewartville, N. J.
EDISON-BROWN plastic rail bond—Harold P. Brown, 120 Liberty, New York
EDISON CARBON incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISON GEM incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISON MAZDA incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISON MAZDA incandescent electric lamps—General Electric Co., Schenectady, N. Y.
EDISWAN lamp adapters—Frank W. Morse, 289 Congress, Boston, Mass.
EDMONDS electric polish—J. Edmonds Wesley & Son, 212 West, New York
EDNA locomotive injectors—Edna Brass Mfg. Co., Cincinnati, Ohio
EDSON bottle filling machines, capstans, marine steering gears & wheels, hose couplings, suction hose, rubber diaphragms, odorless sewage disposal outfits, pumps, winches & windlasses—Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
EDSON recording pressure alarm & automobile gauges—Ashcroft Mfg. Co., 119 W. 40th, New York
EDSON rubber diaphragms—Empire Tire & Rubber Corp., Trenton, N. J.
EDSONIA metal polish— M. K. Bowman Edson Co., 64 Dey, New York
EDUCATION open range & washout—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
EDWARD valves & steam separators—Edward Valve & Mfg. Co., Edison bldg, Chicago, Ill.
EDWARD unions—Edward Valve & Mfg. Co., Edison bldg, Chicago, Ill.
EDWARDS flue stops—Andrews Wire & Iron Works, Rockford, Ill.
EDWARDS flying shears—Morgan Construction Co., Worcester, Mass.
EDWARDS metal ceilings, metal shingles, metal tile, steel lockers & shelving, rolling steel doors, iron & steel roofing, portable steel buildings—Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, Ohio
EDWARDS trap doors, filing cabinets & metallic furniture—O. M. Edwards Co., Inc., Syracuse, N. Y.
EETNA step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
EFFECTIVE ash receiver—Gunster Bros., Scranton, Pa.
EFFICIENCY cotter pins—Falls Rivet Co., Dept. H, Kent, Ohio.
EFFICIENCY drawing compounds—Swan & Finch Co., 165 B'way, New York
EFFICIENCY gas oils & metal polish—Efficiency Oil Corp., 2100 Kienlen av, St. Louis, Mo.
EFFICIENCY tool holders—Whitman Metal Goods Co., Whitman, Mass.
EFFICIENT glass door ovens—Ohio State Stove Co., Columbus, Ohio
EFFICO ventilators—W. F. Hirschman, Inc., 90-02 Maine, Buffalo, N. Y.
EGAN potato sprayers—McKenzie Mfg. Co., La Crosse, Wis.
EGGSHELL-WHITE flat enamels—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
EGLENTINE bridle bits—Bartley Bros. & Hall, 50 Warren, New York
EGYPTIAN flax packing—Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
EGYPTIAN paints—National Roofing Co., Tonawanda, N. Y.
EHRHARDT'S weighing apparatus—MacLeod Co., 2227 Bogen, Cincinnati, Ohio
EHRO composition roofing—Ehret Roofing & Mfg. Co Drexel bldg, Phila, Pa.
EICK washing & rinsing machines—S. S.Wenzell Machine Co., 50th & Parkside av, Phila., Pa.
EIGHT LEVER padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
1855 bolt or rivet cutters—H. K. Porter, 6 Ashland, Everett, Mass.
EIGHTEEN NINETEEN ORIGINAL tinners' snips—Peck, Stow & Wilcox Co., Cleveland, Ohio
EKCO automatic dough dividing machines—Edw. Katzinger Co., 122 N. Peoria, Chicago Ill.
EKLA electric bells—P. R. Mfg. Co., Detroit, Mich.
EKLA mechanical rubber tubing, baby carriage tires & radiator hose—Eclat Rubber Co., Cuyahoga Falls, Ohio
ELAINE red oils—Emery Candle Co., Cincinnati, O.
ELASCO sanitary flooring—Malott & Peterson, Inc., Monadnock bldg., San Francisco, Cal.
ELASKO pipe joint cements—Stearns, F. M. & Co., Jamestown, N. Y.
ELASTIC copper paints—H. B. Fred Kuhls, 6413 3rd av, Brooklyn, N. Y.

ELASTIC electric car brakes—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
ELASTIC roofing cements—John Briggs & Co., 45 Purchase, Boston, Mass.
ELASTIC steel door mats—Wire Goods Co., Worcester, Mass.
ELASTIC COMPOUND armature black enamel, paint oil, carbon black, red lead & red oxide paint—Elastic Compound Co., 5131 Kershaw, Phila., Pa.
ELASTICA floor finish & varnish—Standard Varnish Works, Richmond ter, Elm Park, N. Y.
ELASTICA magnesite exterior wall covering—American Materials Co., 101 Park av, New York.
ELASTIC ENAMEL coating & preserving paints—Jones Paint Co., Rome, N. Y.
ELASTIKOTE paints—Tropical Paint Oil Co., W. 70th, Cleveland, Ohio
ELASTITE expansion joints—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
ELASTO sheet packing, shoe covers—Rubber Fibre Co., 560 First, Boston, Mass.
ELASTOID paper sleeves, tubes & insulated socket linings—Elastoid Fibre Co., Waltham, Mass.
ELATERITE asbestos roofing & paints—Western Elaterite Roofing Co., Denver, Colo.
ELATERON mineral rubber—Canfield Co., 3210 E. 55th, Cleveland, Ohio
ELBA high carbon steel—Ludlum Steel Co., Watervliet, N. Y.
ELBA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
EL CHAFO chafing dishes—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELCO garment hangers—West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.
EL COMFO electric heating pads—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELDEN lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ELDERADO master drawing lead pencil—Joseph Dixon Crucible Co., Jersey City, N. J.
ELDNAC candle lanterns—A. C. Kraft, 323 W. Lake, Chicago, Ill.
ELDORADO cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ELDORADO engine oils—Standard Oil Co. of Ohio, E. Ohio Gas bldg, Cleveland, Ohio
ELDORADO lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ELDUS road oilers—Union Iron Works, Hoboken, N. J.
ELECTRA arc light carbons—Reisinger Hugo, 11 Broadway, New York
ELECTRA automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
ELECTRIC air drill hose, braided hose, chemical engine hose, garden hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ELECTRIC barrel head planers—United States Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
ELECTRIC belt dressing—Akron Belting Co., Akron Ohio
ELECTRIC belt dressing—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
ELECTRIC belting—Chas. A. Schieren & Co., 80 Ferry, New York
ELECTRIC clothes washing machines—Richmond Cedar Wks., Fulton, Va.
ELECTRIC door hangers—Lawrence Bros., Sterling, Ill.
ELECTRIC fire extinguishers—M. L. Snyder & Son, 223 Church, Phila., Pa.
ELECTRIC gas & gasoline, oxyacetylene, sprinkler & submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ELECTRIC hot water heaters—Electric Boiler Co., Rochester, N. Y.
ELECTRIC leather rolling mats—W. H. Salisbury & Co., Dept. H, 308 N Madison, Chicago, Ill.
ELECTRIC maple flooring—Cobbs & Mitchell, Cadillac, Mich.
ELECTRIC metal wheels & industrial trailers—Electric Wheel Co., Station D, Quincy, Ind.
ELECTRIC tubular boilers—Bovaird & Seyfang Mfg. Co., Bradford, Pa.
ELECTRIC-AIR rock drills, stone channelers & coal cutters—Ingersoll-Rand Co., 11 Broadway, New York
ELECTRIC resistance wire—Alloy Metal Wire Co., 154 Nassau, New York
ELECTRIC CITY gutter forming machinery—Double Truss Cornice Brake Co., Buffalo, N. Y.
ELECTRIC ROTARY MACHINE floor polish, scrubbing, surfacing, stone & wood polishing, carpet cleaning & sand papering machines—Elec. Rotary Machine Co., 32 S Clinton, Chicago, Ill.
ELECTRIC WELD railings & gates—Anchor Post Iron Wks., 50 Church, New York.
ELECTRITE high speed steel—Latrobe Electric Steel Co., Latrobe, Pa.
ELECTRO nickel steel—Electro Steel Co., Inc., Curry bldg, Pittsburgh, Pa.
ELECTROBESTOS insulating compounds, socket, bushings & moulded insulations—Johns-Manville, Inc., Madison av & 41st, New York.
ELECTROCOTN soap—Gartside's Iron Rust Soap Co., 4054½ Lancaster, Phila., Pa.
ELECTRODUCT flexible interior conduits—American Circular Loom Co., 16 Medford, Boston, Mass.
ELECTROGRAPH steel markers & engravers—Gibb Instrument Co., Highland bldg, Pittsburgh, Pa.
ELECTROGRIP lamp cord adjusters—Yost Electric Mfg. Co., Toledo, Ohio

ELECTROHUME cigar humidifiers & air moisteners—Emmons Collins Machine Co., Western Springs, Ill.
ELECTROLET conduit fittings—Killark Elec. Mfg. Co., 3940 Easton av, St. Louis, Mo.
ELECTROMATIC garage door openers—Allith-Prouty Co., Danville, Ill.
ELECTROPHITS medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st., New York
ELECTROSE strain insulators, insulator pins, insulated suspension bolts—Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
ELECTRO-SHINE cutlery polish—R. M. Hollingshead Co., Camden, N. J.
ELEGIA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ELEKTRA asbestos brake lining—F. L. Horton Corp., 36 Whittier, Roxbury, Boston, Mass.
ELEPHANT carbon black—L. Martin Co., 81 Fulton, New York
ELEPHANT hay carriers—Hunt, Helm, Ferris & Co., Harvard, Ill.
ELEPHANT manila duplex wrapping paper—Newton Paper Co., Holyoke, Mass.
ELEPHANT BRAND phosphor bronze bushings, sheet wire & alloys—Phosphor Bronze Smelting Co., 2202 Washington av, Phila., Pa.
ELEPHANT BRAND red rosin-sized sheathing paper—Newton Paper Co., Holyoke, Mass.
ELESCO pipe coils & steam superheaters—Locomotive Super-Heater Co., 17 E 42d, New York.
ELGIN adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
ELGIN adjustable wrenches—Star Mfg. Co., Carpentersville, Ill.
ELGIN butter cutters—Cleveland Faucet Co., 1205 E. 55th, Cleveland, Ohio
ELGIN cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ELGIN countershafts—Elgin Tool Works, Elgin, Ill.
ELGIN gas ovens—Kimball-Dietrich Hardware Co., Elgin, Ill.
ELGIN NATIONAL coffee mills—Woodruff & Edwards Co., Elgin, Ill.
ELHANCO steam jacketed kettles—Edw. L. Hand & Co., 722 Arch, Philadelphia, Pa.
ELHAR high speed steel, steel merc. agents. etc.—Ellsworth Haring, 114 Liberty, New York
ELI ball bearing grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
ELI farm wagons—Columbia Wagon Co., Columbia, Pa.
ELI hay presses—Collins Plow Co., Quincy, Ill.
ELI rat traps—Abingdon Trap Co., Abingdon, Ill.
ELIE dusters—Ohio Duster Co., Cleveland, Ohio
ELISCO cold rolled steel tubing—Elyria Iron & Steel Co., 232 E. 131st, Cleveland, Ohio
ELITE ammeters & voltmeters—Manhattan Electrical Supply Co., 17 Park pl, New York
ELITE chemical mops & dustless dust cloths—Ohio Duster Co., Cleveland, Ohio
ELITE corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
ELITE corn forks—Specialty Mfg. Co., Westboro, Mass.
ELITE electric signs—K. & H. Sign Mfg. Co., Aiken & P. R. R., Pittsburgh, Pa.
ELITE insulating paints—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.
ELITE kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.
E-LITE lighting fixtures—Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
ELITE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
ELITE tool chests—American Mfg. Concern, Falconer, N. Y.
ELITE vacuum cleaners & vacuum carpet sweepers—Elite Mfg. Co., Kesner bldg., Chicago, Ill.
ELK hose racks, hose sprinklers, spray nozzles, swinging hose reels—Elkhart Brass Mfg. Co., Elkhart, Ind.
ELK incandescent electric lamps—Novelty Incandescent Lamp Co., Emporium, Pa.
ELK typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
ELKHART catch basins & shaking grates—Elkhart Iron Works, Elkhart, Ind.
ELKHART gas igniters—Elkhart Mfg. Co., Monroe, Mich.
ELKINS saw filers—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.
ELKHART spray nozzles & hose reels—Elkhart Brass Mfg. Co., Elkhart, Ind.
ELLA FOUNDRY pig iron—Edmund W. Mudge & Co., Frick bldg, Pittsburgh, Pa.
ELLA MALLEABLE pig iron—Edmund W. Mudge & Co., Frick bldg, Pittsburgh, Pa.
ELLICOTT cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ELLIOTT gas engines, portable sawing rigs, pumping engines, pumping jacks—Kansas City Engine Works, Kansas City, Mo.
ELLIOTT lace leather cutters—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
ELLIOTT low water alarms, pressure reducing valves, steam traps—Elliott Co., Frick bldg, Pittsburgh, Pa.
ELLIOTT mechanical stokers—Ridgway Mfg. Co., Ridgway, Pa.
ELLIOTT photometer lamps—American Meter Co., 3112 N. 17th, Phila., Pa.
ELLIOTT railway crossing gates—Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.
ELLIOTT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ELLIPTIC grate bars—Thomas Grate Bar Co., Birmingham, Ala.

ELLIS car bumping posts—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
ELLIS chain pipe vises—Ellis & Ford Mfg. Co., Detroit, Mich.
ELLIS grate bars—McClave Grate Bar Co., 36 Warren, New York
ELLIS tack claws & pullers & ventilating sash locks —Bradley & Farnham, Middlefield, Conn.
ELLIS ECONOMY mop wringers—Smith System Heating Co., 821 Washington av, S. E., Minneapolis, Minn.
ELLISON calorimeters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
ELLISON calorimeters & draft gauges—Lewis M. Ellison, 214 W. Kinzie, Chicago, Ill.
ELLWOOD barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ELLWOOD woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ELM CITY bolt clippers—Wm. Schollhorn Co., New Haven, Conn.
ELM CITY counting machines & revolution counters —Chas. J. Root, Bristol, Conn.
ELM CITY padlocks—Sargent & Co., New Haven, Conn.
ELM CITY stump joints—C. Cowles & Co., New Haven, Conn.
ELMIRA garden rakes, screw drivers, pruning saw & hooks—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
ELMO automatic float valves—Phelps Bros. Co., 101 Beekman, New York
ELM PARK lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
ELMWOOD belting, rubber hose, sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
ELMWOOD hose, matting & packing—Hewitt Rubber Co., Buffalo, N. Y.
EL PERCO coffee percolators—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELRECO combination railway & lighting poles—Electric Railway Equipment Co., 2900 H Cormany av, Cincinnati, Ohio.
ELSANE glass desk pads, board clips, index cabinets, work distributors—L. Sainberg, 6500 Houston, New York
ELSMERE granitine laundry tubs—Standard Elsmere Granite Co., 1752 N. Spalding av, Chicago, Ill.
ELSMERE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ELSON lumber crayons—Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.
ELSTON stove pipe enamels—Jas. B. Day & Co., 224 H W. Superior, Chicago, Ill.
ELSTON stove pipe enamels—Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
ELSWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
EL TOASTO toasters—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
EL TORO cement—Southwestern Portland Cement Co., El Paso, Texas.
ELUX incandescent lamps—Elux Miniature Lamp Division of G. E. Co., 6 E 39th, New York
EL WARMO electric foot warmers—Hotpoint Electric Heating Co., Los Angeles, Cal.
ELWELL glue—B. F. Elwell Glue Co., Rockport, Mass.
ELWELTRA electric welded trace chains—American Chain Co., Bridgeport, Conn.
EL-WEL-TRA trace chains—American Chain Co., Inc., Bridgeport, Conn.
ELWOOD wire stretchers—Arcade Mfg. Co., Freeport, Ill.
ELWOOD wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
EMANCIPATOR feed carriers—Louden Machinery Co., Fairfield, Ia.
EMBLEM lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
EMCO dry batteries—Electric Mfg. Co., 166 W 6th, St. Paul, Minn.
EMCO meters—Equitable Meter Co., 424 H 1st av, Pittsburgh, Pa.
EMELANSIC white bronze—Lissberger, Marks & Son, 281 Borden av, Long Island City, New York
EMERALITE electric desk lights—H. G. McFaddin & Co., 38 Warren, New York
EMERERSON automatic lubricators—Buffalo Metal goods Co., 196 Winchester av, Buffalo, N. Y.
EMERGENCY fire hose couplings—Nunn Brass Works, Rochester, N. Y.
EMERGENCY flax packing—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
EMERGENCY high pressure steam traps—Wright-Austin Co., 315 Woodbridge, W, Detroit, Mich.
EMERGENCY mud hooks—Gemco Mfg. Co., Milwaukee, Wis.
EMERGENCY pipe clamps & saddles—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
EMERGENCY pocket telescope handle screw driver—Dikeman Mfg. Co., Norwalk, Conn.
EMERICK cement grinding & crushing mills—United Iron Works Co., Kansas City, Mo.
EMERSON beating engines & ironing tables—Modern Mfg. Co., Hagerstown, Md.
EMERSON hay loaders—Hocking Valley Mfg. Co., Lancaster, Ohio.
EMERSON jordan & beating engines—Emerson Mfg. Co., Lawrence, Mass.
EMERSON steam vacuum pumps & quick cleaning foot valve—Emerson Pump & Valve Co., Alexandria, Va.
EMERSON'S draughting tables—Henry M. Taws, 920 Arch, Phila., Pa.
EMERY pneumatic lubricators—Emery Pneumatic Lubricator Co., 1932 N. B'way, St. Louis, Mo.
EMERY 4 electric vacuum cleaners & blowers—Chas. W. Emery & Son, 1304 H Diamond, Phila., Pa.
EMERY THOMPSON brine freezers—Thompson Emery Machine & Supply Co., 235 E. 41st, New York
EM ESS Tucker grease traps—Meyer-Sniffen Co., 11 W. 36th, New York
EMIL PASSBURG vacuum dryers & pumps—J. P. Devine Co., Buffalo, N. Y.
EMMELMANN gasoline soldering iron—Emmelmann Bros. Mfg. Co., Indianapolis, Ind.
EMMERT T squares, machinists' vises—Emmert Mfg. Co., Waynesboro, Pa.
EMNESO cutting oil—Bayerson Oil Works, Erie, Pa.
EMORY BRAND cattle ties—J. E. Fricke Co., 247 Market, Phila., Pa.
EMPEROR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
EMPIRE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
EMPIRE automatic counters—American Pedometer Co., New Haven, Conn.
EMPIRE automobile oil, etc.—Empire Oil Works, Oil City, Pa.
EMPIRE axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
EMPIRE bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
EMPIRE belting, hose, packing, acid cements—Empire Tire & Rubber Corp., Trenton, N. J.
EMPIRE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
EMPIRE bran dusters—Richmond Mfg. Co., Lockport, N. Y.
EMPIRE carriage axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
EMPIRE cast iron griddles & fry pans—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EMPIRE celery hillers, harrows & pulverizers—Empire Plow Co., 3140 E. 65th, Cleveland, Ohio
EMPIRE cement wall plaster—Empire Gypsum Co., Rochester, N. Y.
EMPIRE chronometer valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
EMPIRE conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
EMPIRE cotton belting—Empire Mfg. Co., Lockport, N. Y.
EMPIRE couplings & clutches—Thomas Coupling Co., Erie, Pa.
EMPIRE cream separators & gas engines—Empire Cream Separator Co., Bloomfield, N. J.
EMPIRE cut-off couplings & friction clutches—Thomas Flexible Coupling Co., Erie, Pa.
EMPIRE double drum sanders—W. A. Heath Machine Co., Lestershire, N. Y.
EMPIRE drill chucks—Pratt Chuck Co., Frankfort, N. Y.
EMPIRE dropper attachments—Seiberling & Miller Co., Doylestown, Ohio
EMPIRE duct rods—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
EMPIRE flint, sand & emery paper—Herman Behr & Co., 61 B'way, New York
EMPIRE gang press wheel attachments—American Seeding Machine Co., Springfield, Ohio
EMPIRE gold dredges, hand prospecting drills, hydraulic gravel elevators—New York Engng. Co., 165 B'way, New York
EMPIRE gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
EMPIRE hard wall plaster—Pacific Portland Cement Co., Consd., Pacific bldg, San Francisco, Cal.
EMPIRE harness snaps—Frazer & Jones Co., Syracuse, N. Y.
EMPIRE harrows—Gales Mfg. Co., Albion, Mich.
EMPIRE incandescent miniature lamps—H. W. McCandless & Co., 67 Park pl, New York
EMPIRE insulating cloth & paper—Mica Insulator Co., 68 Church, New York
EMPIRE lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
EMPIRE life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
EMPIRE loose leaf devices—Well Bros., 641 W. Lake, Chicago, Ill.
EMPIRE lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
EMPIRE pipe wrenches—Wm. Hjorth & Co., Jamestown, N. Y.
EMPIRE (r. t. p. portable boiler), Ames Iron Works, Oswego, N. Y.
EMPIRE reapers—Seiberling & Miller Co., Doylestown, Ohio
EMPIRE reapers, ensilage cutters—Messenger Mfg. Co., Tatamy, Pa.
EMPIRE sand papering machines—W. A. Heath Machine Co., Lestershire, N. Y.
EMPIRE sash locks & door stops—Caldwell Mfg. Co., Rochester, N. Y.
EMPIRE self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
EMPIRE shaft couplers—Fernald Mfg. Co., North End, Pa.
EMPIRE shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
EMPIRE slate laundry tubs & tanks & vats—New York Slate Works, 255 E. 138th, New York
EMPIRE smokeless shotgun upowder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
EMPIRE speed indicators—Greene, Tweed & Co., 109 Duane, New York
EMPIRE steam traps—American District Steam Co., North Tonawanda, N. Y.
EMPIRE steam traps—Lawler Regulator Co., 55 W. Houston, New York

EMPIRE tire bolts—Russell, Birdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
EMPIRE warm air furnaces—Co-Operative Foundry Co., Rochester, N. Y.
EMPIRE wheel garden hoes—Moline Plow Co., Moline, Ill.
EMPIRE window casement fasteners—Corbin Cabinet Lock Co., New Britain, Conn.
EMPIRE wire fence & gates—Bond Steel Post Co., Adrian, Mich.
EMPIRE CROWN water meters—National Meter Co., 299 B'way, New York
EMPIRE FRICTION belting—Empire Tire & Rubber Corp., Trenton, N. J.
EMPIRE KING spray pumps—Field Force Pump Co., Elmira, N. Y.
EMPIRE LEADER spray pumps—Field Force Pump Co., Elmira, N. Y.
EMPIRE PIPELESS warm air furnaces—Co-Operative Foundry Co., Rochester, N. Y.
EMPIRE STATE car trucks—Taylor Electric Truck Co., Troy, N. Y.
EMPIRE STATE ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
EMPIRE STATE milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
EMPIRE'S BEST belting, hose & packing—Empire Tire & Rubber Corp., Trenton, N. J.
EMPRESS alcohol lamps, bottle holders, brass trays, vapor stoves, chafing dishes & coffee percolators—New York Stamping Co., N. 11th, Brooklyn, N. Y.
EMPRESS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
EMPRESS oil & grease cups—Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
EMPRESS walking listers—Rock Island Plow Co., Rock Island, Ill.
EMPRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
EMRICH cloth cutting knives, shears & scissors, tanners' & tinners' tools—Phil Emrich, 824 Main, Cincinnati, Ohio
EMU padlocks—Slaymaker Lock Co., Lancaster, Pa.
EMULSO soluble cutting oil—Bayerson Oil Works, Erie, Pa.
ENAMELED WHITE INSIDE tin bath tubs—Dover Stamping & Mfg. Co., Cambridge, Mass.
ENAMELETTE enamels—Goheen Corp., 25 W. 43d New York
ENAMELINE stove polish—J. L. Prescott Co., 92 W. Broadway, New York
ENAMELITE wire—Acme Wire Co., New Haven, Conn.
ENAMETILE metal tile—New York Metal Ceiling Co., 537 W. 24th, New York
ENAMO metal bath room accessories—Hughes Evans Co., 502 W 32nd, New York
ENAMOLIN bath tub enamels—Emil Calman & Co., 100 William, New York
ENBURO dry batteries—Lincoln Electric Co., E 38th & Kelley, Cleveland, Ohio.
ENDERS safety razors—Enders Sales Co., 17 Battery pl, New York
ENDURA fibre packing & gaskets—Endura Mfg. Co., 63d & Eastwick, Phila., Pa.
ENDURANCE gas main bags—Edw. A. Behringer, 98 Park pl., New York
ENDURANCE metal bound mill brooms—Mass. Commission for the Blind, Cambridge, Mass.
ENDURANCE metallic packing—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
ENDURIA spring steel—Cambria Steel Co., Widener bldg, Phila., Pa.
ENDURO non-corrosive metal—United Alloy Steel Corp., Canton, Ohio
ENERGINE lubricating oils & greases—Energine Refining & Mfg. Co., Arc bldg, Cleveland, Ohio
ENERGY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
ENGEL cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
ENGELHARD crucible & electric furnaces, pyrometers & resistance thermometers—Chas. Engelhard, 30 Church, New York
ENGINEERS' FAVORITE flue scraper—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
ENGINEERS' FAVORITE tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
ENGLEHARDT life boats & rafts—C. M. Lane Life Boat Co., 250 Huron, Brooklyn, N. Y.
ENGLER'S viscosimeters—Eimer & Amend, 205 3rd av, New York
ENGLISH pig iron—C. Tennant Sons & Co., 100 William, New York
ENGLISH shingle stains—Dexter Bros. Co., 105 Broad, Boston, Mass.
ENGLISH stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
ENJABECO fibre vegetable brushes—New Jersey Brush Co., Bloomfield, N. J.
ENSIGN cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
ENSIGN sight feed lubricators—Wm. Powell Co., Cincinnati, Ohio
ENSLEY pig iron—Tennesee Coal, Iron & Railroad Co., Birmingham, Ala.
ENTERPRISE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
ENTERPRISE chain vises, die stocks & valves—D. A. Hinman & Co., Sandwich, Ill.
ENTERPRISE cherry stoners, lawn sprinklers, food choppers, coffee mills & tobacco counter cutters—Enterprise Mfg. Co., Dept. H, 3d & Dauphin, Phila., Pa.
ENTERPRISE enameling ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.
ENTERPRISE hand carts—Sandwich Mfg. Co., Sandwich, Ill.
ENTERPRISE packing—Randolph Brandt, 70 Cortlandt, New York
ENTERPRISE pattern tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.
ENTERPRISE plaster mixers—J. B. Ehrsam & Sons Mfg. Co., Enterprise, Kan.
ENTERPRISE pulley mortising machines—Austin & Eddy, 117 Broad, Boston, Mass.
ENTERPRISE pulley mortising machines—Millbury Machine Co., Millbury, Mass.
ENTERPRISE rural mail boxes—John H. Forney, Burlington, Ia.
ENTICER rat traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
EPICASSIT rust preventives—Hess & Son, 2910 N 16th, Phila., Pa.
EPULSO water closets—M. L. Kline Co., 84 Front, Portland, Ore.
EPURE roofing cements—Trinidad Asphalt Mfg. Co., Title Guaranty Trust Bldg., St. Louis, Mo.
EQUAL BLOW band saw filling & setting machines—New Britain Machine Co., 190 Chestnut, New Britain, Conn.
EQUALITY rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.
EQUATOR fire hose—O. C. Keckley Co., 318 H Washington av, Chicago, Ill.
EQUIPOISE desk telephone brackets—Hunt C. Howard Pen Co., Camden, N. J.
EQUIPOSE telephone arms—Holzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
EQUITABLE asphalt mixers—Equitable Asphalt Maintenance Co., 1901 Campbell, Kansas City, Mo.
EQUITABLE gas meters—Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
EQUITY toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
ERCKENBRECHERS laundry starch—Corn Products Refining Co., 17 Battery pl, New York
ERECTOR toy metal building materials—A. C. Gilbert Co., New Haven, Conn.
EREFUL automatic whistles—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
ERIC cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
ERIC fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio
ERICHSEN testing machines—Holz & Co., Inc., 18 Madison av, New York
ERICKSON conduit couplings—Thomas & Betts Co., 63 Vesey, New York
ERICSSON'S venetian blinds—Swedish Venetian Blind Co., 47 W. 34th, New York
ERIE auto truck trailers—Erie Trailer Mfg. Co., Erie, Pa.
ERIE belting—Mau-Sherwood Supply Co., 1616 W. 3rd, Cleveland, Ohio
ERIE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ERIE drop & steam hammers—Erie Foundry Co., Dept. H, Erie, Pa.
ERIE foundry chaplets—S. Cheney & Son, Manlius N. Y.
ERIE gas radiators—Erie Stove & Mfg. Co., Erie, Pa.
ERIE heel cam cutting machines—Erie Toe Calk Machine Co., Erie, Pa.
ERIE lubricators, pipe hangers, valve & service boxes—Jarecki Mfg. Co., Erie, Pa.
ERIE mop wringers—Erie Mop & Wringer Co., Erie, Pa.
ERIE oil & grease cups—Detroit Shipbuilding Co., ft Orleans, Detroit, Mich.
ERIE pumps & engines—separate & connected types—Erie Pump & Engine Wks., 149 Glenwood av, Erie, Pa.
ERIE rat traps—Lovell Mfg. Co., Erie, Pa.
ERIE reels—Erie Hoist Co., Erie, Pa.
ERIE refrigerators—Niagara Refrigerator Works, 20 Superior, Buffalo, N. Y.
ERIE tobacco cutters—Griswold Mfg. Co., Erie, Pa.
ERIE water filters—Everson Filter Co., 70 W Lake, Chicago, Ill.
ERIEZ gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
ERIOLENE illuminating oils—Bayerson Oil Works, Erie, Pa.
ERMOLD bottle corking machines—Edw. Ermold Co., 652 Hudson, New York
ERMOLD bottle labeling machines—United States Bottlers' Machine Co., 2511 Park, Chicago, Ill.
ERNSALIN enamels—Ernecke & Salmstein Co., 944 W North av, Chicago, Ill.
ERNST automobile turntables & ash can conveyors—C. K. Ernst, Buffalo, N. Y.
ERNST PERFECTION sidewalk elevators—C. K. Ernst, Buffalo, N. Y.
ERUSA liquid belt dressing—Cling-Surface Co., Buffalo, N. Y.
ERWIN fire extinguishers—M. H. Treadwell Co. of Ill., 208 S. La Salle, Chicago, Ill.
ESCHWEILER rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
ESCHWEILERS PATENT casement window hinges—Stanley Works, New Britain, Conn.
ESCO circuit batteries—Thomas A. Edison, Orange, N. J.
ESCO compression cocks—E. Stebbins Mfg. Co., Springfield, Mass.
ESCO enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
ESCO grooving machines—Walco Mfg. Corp., Providence, R. I.
ESCO paste—Ernecke & Salmstein Co., 944 W. North av, Chicago, Ill.
ESCO waterproofing materials—Preservative Products Co., 1133 Broadway, New York
ESKIMO water coolers—Everson Filter Co., 70 W Lake, Chicago, Ill.

ESMOND bicycle stands—New York Neckel Plating & Mfg. Co., 327 E. 63rd, New York
ESOPUS BUHR stones—J. J. Hasbrouck & Co., New Paltz, N. Y.
ESQUE prepared paint—Chicago Varnish Co., 2100 Eleston av, Chicago, Ill.
ESROBERT electric portables—Robt. S. Schwartz & Bro., 729 B'way, New York
ESS-ESS revolving chucks—Scott & Sons Co., Medford, Mass.
ESSEX belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
ESSEX belting—Lawrence Belting Co., 111 Chambers, New York
ESSEX belting—Mercer Rubber Co., Hamilton, N. J.
ESSEX blast furnaces—Northern Iron Co., Port Henry, N. Y.
ESSEX carriage top supports—Essex Brass Foundry Co., Cambridge, Mass.
ESSEX dial cocks—G. B. Essex Brass Co., 480 Franklin, Detroit, Mich.
ESSEX dust absorbing floor oils—Apothecaries Hall Co., Waterbury, Conn.
ESSEX hot air pumping engines—Winfield H. Smith, Buffalo, N. Y.
ESSEX kitchen sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ESSEX lawn mowers—S. P. Townsend & Co., Orange, N. J.
ESSEX marine engines—Essex Engine Co., Lynn, Mass.
ESSEX steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
ESSEX whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
ESSO foundry facings & core compound—S. Obermayer Co., 2563 W 18th, Chicago, Ill.
ESTABROOK catch basins, cesspools & grease traps —R. Estabrook's Sons, 202 W 1st, Boston, Mass.
ESTATE bath water heaters & stoves—Estate Stove Co., Hamilton, Ohio
ESTERLINE ammeters & voltmeters, pyrometers, speed recorders & wattmeters—Esterline Co., 1547 Lemcke, Indianapolis, Ind.
ESTES shafting couplings—Strong Homer, Rochester, N. Y.
ESTY automatic fire sprinklers—H. G. Vogel Co., 15 W 37th, New York.
ETCHOGRAPH marking machines—Wm. Brewster Co., Inc., 30 Church, New York
ETERNITY belt cements—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
ETHERIDGE wiring pendants—Fletcher Mfg. Co., Dayton, Ohio
ETHIOPIA packing—Crandall Packing Co., Palmyra, N. Y.
ETNA roofing paint—McHenry-Millhouse Mfg. Co., South Bend, Ind. & Fulton, N. Y.
ETNYRE road oilers—E. D. Etnyre & Co., Oregon, Ill.
ETOWAH marble—Georgia Marble Co., Tate, Ga.
EUCHRELYPTUM oil & fat deodorizers—West Disinfecting Co., 411 5th av, New York
EUCLID fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio
EUCLID hot air furnaces—Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio
EUCLID rubber battery jars, switchboard mats—Consumers Rubber Co., 829 Superior av, Cleveland, Ohio
EUCLID stone switchboards, steps & sinks—Euclid Stone & Brick Co., Cleveland, Ohio
EUREKA adjustable stools—Toledo Metal Furniture Co., Toledo, Ohio
EUREKA auto truck trailers—Eureka Co., Rock Falls, Ill.
EUREKA automatic air valves—W. A. Russell & Co., 63 W. 37th, New York
EUREKA babbitt metal—A. G. Schultz & Co., 114 E. Lombard, Baltimore, Md.
EUREKA babbitt metal & sleet cutters—Eureka Co., North East, Pa.
EUREKA bark mills—Barry & Zechter Co., Lancaster, Pa.
EUREKA belt dressing & harness oils—Standard Oil Co. of N Y., 555 W. 25th, New York
EUREKA belt lacing—Manufacturers' Belt Hook Co., 1321 W Congress, Chicago, Ill.
EUREKA billiard chalk—American Crayon Co., Sandusky, Ohio
EUREKA blotter baths, sanitary copying cloths, moisteners, cigar humidifiers & telephone brackets—Eureka Blotter Bath Co., 3732 S Wallace, Chicago, Ill.
EUREKA boiler compounds—Wadhams Oil Co., 359 Clinton, Milwaukee, Wis.
EUREKA boiler injectors—Kincaid Bros., Pittsburgh, Pa.
EUREKA bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
EUREKA broom holders—Coleman Hardware Co., 220 Michigan av, Chicago, Ill.
EUREKA broom holders, door springs, lawn sprinklers, sash chains, fly swatters—Parker Wire Goods Co., Worcester, Mass.
EUREKA buffing lathes & tool grinders—Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
EUREKA burlap—Cotta-a-Lap Co., Somerville, N. J.
EUREKA carbon paper & typewriter ribbons—Mittag & Volger, Park Ridge, N. J.
EUREKA carbonators, carbon removers, beer bottling machines, water filters, water lifts—Bishop & Babcock Co., 1204 E. 55th, Cleveland, Ohio.
EUREKA carpet sweepers—Metal Stampings Corp., Streator, Ill.
EU-RE-KA children's vehicles—Manumotors Co., Manitowoc, Wis.
EUREKA churns—Aquatic Cream Separator Co., Rochester, N. Y.
EUREKA closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
EUREKA clothes dryers & ironing boards—Eclipse Co., North Girard, Pa.
EUREKA clothes lines—Estes Mills, Falls River, Mass.
EUREKA coal crushers—Universal Crusher Co., Cedar Rapids, Ia.
EUREKA compressed air pumps—Brandt Mfg. Co., 310 3rd av, Minneapolis, Minn.
EUREKA concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.
EUREKA concrete building block machinery—Besser Mfg. Co., Alpena, Mich.
EUREKA concrete mixers—Eureka Machine Co., Lansing, Mich.
EUREKA concrete mixers—Plant Engineering & Equipment Co., Inc., 192 H Broadway, New York.
EUREKA corkboard insulation—Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
EUREKA corn planters—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
EUREKA corn & cob mills—Barry & Zecher Co., Lancaster, Pa.
EUREKA cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
EUREKA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
EUREKA electric bells—Ansonia Electrical Co, Ansonia, Conn.
EUREKA electric car headlights—Dayton Mfg. Co., Dayton, Ohio
EUREKA equalizers—E. B. Adams & Son, Racine, Wis.
EUREKA equalizers—Harvey Spring & Forging Co., Racine, Wis.
EUREKA feed grinding mills, windmills, wood sawing machines—Smith & Pomeroy Windmill Co., Kalamazoo, Mich.
EUREKA filtering & purifying plants—Dodge Sales & Engineering Co., Mishawaka, Ind.
EUREKA fire hose—Eureka Fire Hose Mfg. Co., 27 Barclay, New York
EUREKA fruit & vegetable parers—Goodell Co., Antrim, N. H.
EUREKA gas oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
EUREKA gas water heaters—Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.
EUREKA gauge glasses—Bache, Semon & Co., 636 Greenwich, New York
EUREKA grain cleaning machinery—S. Howes Co., Silver Creek, N. Y.
EUREKA grain dryers—Wolf Co., Chambersburg, Pa.
EUREKA green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
EUREKA hack saw machines—H. G. Thompson & Son Co., New Haven, Conn.
EUREKA hame clips—Imperial Bit & Snap Co., Racine, Wis.
EUREKA hay & corn cutter knives—Bateman Mfg. Co., Grenloch, N. J.
EUREKA hickory handles—Hartwell Handle Co., Harvey, Ill.
EUREKA hickory handles—Hartwell Handle Co., Harvey, Ill.
EUREKA hose couplings—Rauch Mfg. Co., Galena, Kan.
EUREKA lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
EUREKA leather wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
EUREKA liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York
EUREKA lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
EUREKA lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
EUREKA mine car wheels—Hockensmith Wheel & Mine Car Co., Penns Station, Pa.
EUREKA mine car wheels—Irwin Foundry & Mine Car Co., Irwin, Pa.
EUREKA oak flooring—Salt Lick Lumber Co., Salt Lick, Ky.
EUREKA paint & varnish remover—Palmer-Price Co., 270 Chestnut, Newark, N. J.
EUREKA paints & cements—Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.
EUREKA paper clips—Consolidated Safety Pin Co., Bloomfield, N. J.
EUREKA pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
EUREKA portable grain elevators—Chas. E. Davidson, Eureka, Ill.
EUREKA post hole diggers—Columbus Handle & Tool Co., Columbus, Ind.
EUREKA post hole diggers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
EUREKA post hole diggers—Seymour Mfg. Co., Seymour, Ind.
EUREKA potato diggers, spring tooth harrows, lawn swings—Eureka Mower Co., 16 Hickory, Utica, N. Y.
EUREKA potato planters—Potato Implement Co., Traverse City, Mich.
EUREKA railway track drills & portable rail saws—Crerar, Adams & Co., 259 E Erie, Chicago, Ill.
EUREKA ratchet wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
EUREKA resistance wire—Alloy Metal Wire Co., 154 Nassau, New York
EUREKA rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.

EUREKA rod packing—Eureka Packing Co., 78 Murray, New York
EUREKA roof snow guards—J. H. Fulmer, Nazareth, Pa.
EUREKA rule bender—J. F. Helmold & Bro., 1462 Hamburg, Chicago, Ill.
EUREKA scouring cork—Faddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
EUREKA shingle stains—Lancaster Paint & Glass Co., Lancaster, Pa.
EUREKA soldering flux—Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio
EUREKA spiral screw drivers—Decatur Coffin Co., Decatur, Ill.
EUREKA spray pumps—Morrill-Morley Mfg. Co., Benton Harbor, Mich.
EUREKA spring rail clamps—Elliott Frog & Switch Co., 301 H S Main, East St. Louis, Mo.
EUREKA steam engines—Oil City Boiler Wks., Oil City, Pa.
EUREKA stencils—S. W. Reese & Co., 44 Vesey, New York
EUREKA take-down squares—Nicholls Mfg. Co., Ottumwa, Ia.
EUREKA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
EUREKA toasters—Wickwire Spencer Steel Co., Worcester, Mass.
EUREKA valves & unions—Eureka Brass Works, 1040 Hulbert av, Cincinnati, Ohio
EUREKA vises—Emmert Mfg. Co., Waynesboro, Pa.
EUREKA water gauges—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
EUREKA water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.
EUREKA water softening and purifying apparatus—Dodge Sales & Engineering Co., Mishawaka, Ind.
EUREKA wire fence machines & woven wire fences—Eureka Fence Mfg. Co., Richmond, Ind.
EUREKA wire test connectors—Frank W. Morse, 289 Congress, Boston, Mass.
EUREKA wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
EUREKA wooden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
EUREKA wooden barrows—Frank R. Prescott, Meredith, N. H.
EUREKA wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
EUREKO goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
EVANS fire, tin clad, sheet metal, fireproof, metal & metal covered doors & shutters, universal joints—Merchant & Evans Co., Wash. av & 21st, Phila., Pa.
EVANS harrows, harrow attachments, potato planters—American Seeding Machine Co., Springfield, Ohio
EVANS marine steering gears—C. H. Evans & Co., 189 Fremont, San Francisco, Cal.
EVANS safety lock nuts—E. J. Arghis & Co., 74 Wall, New York
EVANS skylight ventilating apparatus—John A. Evans Co., Richmond, Ind.
EVANS variable speed transmission—Evans Friction Cone Co., Newton Center, Mass.
EVANS veneered doors—Carnahan Mfg. Co., Loogootee, Ind.
EVANSTON lawn sprinkler—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
EVANS CHALLENGE ventilating apparatus for greenhouses—John A. Evans Co., Richmond, Ind.
EVART logging tools—American Logging Tool Co., Evart, Mich.
EVEN UP equalizers—Nevada Mfg. Co., Nevada, Ia.
EVEREADY automatic clips & fasteners machines—Eveready Mfg. Co. of Boston, 9 Knapp, Boston, Mass.
EVERED churn drill engines—National Iron Co., Duluth, Minn.
EVERETT dump boxes—Everett Mfg. Co., Newark, N. Y.
EVERETT-McADAM blue printing machines—Revolute Machine Co., 417 E. 93rd, New York
EVERGLADE kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
EVERGREEN inner automobile tubes—Falls Rubber Co., Cuyahoga Falls, Ohio
EVERGRIP sliding furniture shoes—Evergrip Gliding Caster Co., 261 Canal, New York
EVERGRIP splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
EVERHART pneumatic signals—Everhart Brass Works, Scranton, Pa.
EVER-HOT stove toasters—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
EVERJET ELASTIC paints—Barrett Co., 17 Battery pl, New York
EVERLASBESTOS magnesite composition flooring—Everlasbestos Flooring Co., 95 Worth, New York
EVERLAST asbestos brake linings—National Leather Belting Co., 342 E. 38th, New York
EVERLAST asbestos packing—Goodyear Tire & Rubber Co., Akron, Ohio
EVERLAST concrete hardener—Concrete Hardening Co., Inc., 220 5th av, New York
EVERLAST exhaust heads—Franklin Williams, 39 Cortlandt, New York
EVERLASTINE varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
EVERLASTING asbestos packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
EVERLASTING babbitt metal—Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
EVERLASTING celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.
EVERLASTING flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
EVERLASTING paints—Means & Thatcher, Norfolk Down, Quincy, Mass.
EVERLASTING tank heaters—Heesen Bros. Co., Tecumseh, Mich.
EVERLASTING tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
EVERLASTING BLACK paints—U. S. Refining Co., 1291 W. 11th, Cleveland, Ohio
EVERNEW carriage top dressing—Felton-Silbey & Co., 140 N. 4th, Phila., Pa.
EVER READY can openers—Bradley & Farnham, Middlefield, Conn.
EVER READY can openers—Ellis Mfg. Co., Milldale, Conn.
EVER READY closet hangers—B. B. Specialty Co., 433 H Liberty av, Pittsburgh, Pa.
EVER-READY combination tools—Foote Mfg. Co., Dayton, Ohio
EVER-READY corn shellers—Star Heel Plate Co., Wilson av, Newark, N. J.
EVEREADY helmets—Servus Rescue Equipment Co., 50 Columbia, Newark, N. J.
EVER-READY iron tub hoops—Weed & Co., 95 Swan, Buffalo, N. Y.
EVER READY miners' lamps—Chas. Hoppe Co., 111 Opera pl, Cincinnati, Ohio
EVER READY safety razors—American Safety Razor Co., 303 Jay, Brooklyn, N. Y.
EVER-READY spoke auger machines—House Cold Tire Setter Co., 4143 Laclede, St. Louis, Mo.
EVER READY telephone pads—S. I. Atwater, 101 Lafayette, New York
EVER-READY tool emery grinders—Crestline Mfg. Co., Crestline, Ohio
EVEREADY DAYLO electric lamp flashlights—American Ever Ready Works of National Carbon Co., Thompson av, L. I. City, N. Y.
EVERSHARP pencils—Wahl Co., 1800 Roscoe, Chicago, Ill.
EVERSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
EVERSON water coolers & filters—Everson Filter Co., 70 W. Lake, Chicago, Ill.
EVERS & HILDEBRANDT patent smoke houses—Evers Iron Works, Cleveland, Ohio
EVER TYTE-ZELNICKER piston rings—Ever-Tyte Piston Ring Div., Walter A. Zelnicker Supply Co., 1600 Kingsland av, St. Louis, Mo.
EVER-WILLING doors—Hurst Sash & Door Co., Grand Island, Neb.
EVERYBODY'S soap—International Supply Co., 2nd & Bent, Cambridge, Mass.
EWALD automobile speed gears—Romort Mfg. Co., Main & Hubbard, Oakfield, Wis.
EWALD berry boxes—Cumberland Fruit Package Co., Cumberland, Wis.
EWART friction clutches—Link-Belt Co., 300 W 39th, Chicago, Ill.
EWING extensometers—Taylor Instrument Companies, Rochester, N. Y.
EWLCO babbitt metal—Eagle Picher Lead Co., 208 S La Salle, Chicago, Ill.
EXACT WEIGHT beam scales—The Smith Scale Co., 93 W Gay, Columbus, Ohio.
EXAX glassware—Kimble Glass Co., 402 H W Randolph, Chicago, Ill.
EXCEL incandescent lamps—Novelty Incandescent Lamp Co., Emporium, Pa.
EXCELLO arc light carbons—Reisinger, Hugo, 11 Broadway, New York
EXCELLO circuit batteries—Clark & Mills Elec. Co., Cambridge, Mass.
EXCELLO closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
EXCELLO harrows—Wm. Fetzer Co., Springfield, Ill.
EXCELLO resistance wire—H. Boker & Co., 101 Duane, New York
EXCELLO surgical gauze—American Gauze & Cotton Co., Inc., 407 N. 8th, St. Louis, Mo.
EXCELLO washing machines—Howe Co., Wheeling, W. Va.
EXCEL-O-VALVE flushing valves & slow closing basin cocks—Excelovalve Co., 322 W. 58th, New York
EXCELSIOR absorbent cotton—Maplewood Mills, Fall River, Mass.
EXCELSIOR auger bits—C. E. Jennings & Co., 71 Murray, New York
EXCELSIOR back pressure valves—Jenkins Bros., 80 White, New York
EXCELSIOR belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
EXCELSIOR belting, belt lacing & apron leather—Wm. Coupe Co. (Ltd.), S. Attleboro, Mass.
EXCELSIOR biscuit machinery—L. A. Rockwell Co., 430 Smith, Brooklyn, N. Y.
EXCELSIOR boiler compounds—Star Lubricating Oil Co., 8714 Broadway, Cleveland, Ohio
EXCELSIOR boiler injectors & boiler feeders—N. A. Watson, Erie, Pa
EXCELSIOR can openers—Bradley & Farnham, Middlefield, Conn.
EXCELSIOR can openers—Ellis Mfg. Co., Milldale, Conn.
EXCELSIOR carriage fasteners—C. Cowles & Co., New Haven, Conn.
EXCELSIOR cements — Cleveland Bldrs.' Supply & Brick Co., H Leader News bldg, Cleveland, Ohio
EXCELSIOR chemicals—Wm. F. Jobbins, Aurora, Ill.
EXCELSIOR chimney tops—Excelsior Fire Clay Co., Lisbon, Ohio
EXCELSIOR clothes pin bags, coal bags, hammocks, skate straps—Excelsior Bag & Mfg. Co., Troy, N. Y.

EXCELSIOR coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
EXCELSIOR concrete mixers—Excelsior Mixer & Machinery Co., Milwaukee, Wis.
EXCELSIOR corkboard insulation—Cork Insulation Co., Jersey City, N. J.
EXCELSIOR corn huskers—Wallingford Mfg. Co., Wallingford, Vt.
EXCELSIOR cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
EXCELSIOR cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
EXCELSIOR cylinder & engine oil—E. H. Kellogg & Co., 243 South, New York
EXCELSIOR fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
EXCELSIOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.
EXCELSIOR felt cleansers—Paper Makers' Chemical Co., Easton, Pa.
EXCELSIOR flour sieves—Leo. Schlesinger & Co., 66 Wooster, New York
EXCELSIOR gas engine power spray pumps—Wm. Stahl Sprayer Co., Quincy, Ill.
EXCELSIOR gauge cocks—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
EXCELSIOR grease traps—Sproul & McGurrin Co., Grand Rapids, Mich.
EXCELSIOR halter trimmings—Frazer & Jones Co., Syracuse, N. Y.
EXCELSIOR harrow attachments—Dexter Co., Fairfield, Ia.
EXCELSIOR hay presses—Collins Plow Co., Quincy, Ill.
EXCELSIOR hose reels—Cardington Cabinet Co., Cardington, Ohio
EXCELSIOR insulating paper—Meirowsky Bros., Jersey City, N. J.
EXCELSIOR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
EXCELSIOR knitting machine needles—Torrington Co., Lakeport, N. H.
EXCELSIOR knitting & sewing mach. needles—Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., Torrington, Conn.
EXCELSIOR lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
EXCELSIOR lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
EXCELSIOR lubricating oils & greases—Swan & Finch Co., 165 Broadway, New York
EXCELSIOR lubricating oils & greases—Wm. P. Miller's Sons, Hancock, Long Island City, N. Y.
EXCELSIOR motor cycles—Excelsior Motor Mfg. & Supply Co., 3701 Cortlandt, Chicago, Ill.
EXCELSIOR oiled clothing—H. M. Sawyer & Sons, Cambridge, Mass.
EXCELSIOR overhead washers—Vehicle Specialty Co., Hartford, Conn.
EXCELSIOR packing, deckle straps & hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
EXCELSIOR papermakers' felts—Bulkley, Dunton & Co., 75 Duane, New York
EXCELSIOR peanut planters—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
EXCELSIOR pumping machinery—Foster Pump Wks., Inc., 36 Bridge, Brooklyn, N. Y.
EXCELSIOR resistance wire—Alloy Metal Wire Co., 154 Nassau, New York
EXCELSIOR rubber valves—Excelsior Valve Co., 108 Fulton, New York
EXCELSIOR sanded wall plaster—Empire Gypsum Co., Rochester, N. Y.
EXCELSIOR shears—Excelsior Tool & Machine Co., 32nd & Ridge, E. St. Louis, Ill.
EXCELSIOR slides—Excelsior Illustrating Co., Inc., 219 6th av, New York
EXCELSIOR soldering flux—Manhattan Electric Supply Co., 17 Park pl, New York
EXCELSIOR soldering flux—National Lead Co., 111 Broadway, New York
EXCELSIOR spray pumps & incubators & brooders—Wm. Stahl Sprayer Co., Quincy, Ill.
EXCELSIOR stamp pads—B. G. Volger Mfg. Co., Passaic, N. J.
EXCELSIOR steam hot water heaters—Isaac A. Sheppard & Co., Harrison bldg., Phila., Pa.
EXCELSIOR steel—Milnor & Goedman, 17 Bridge, New York
EXCELSIOR stoves—Sharp Mfg. Supply Co., New Phila., Ohio
EXCELSIOR tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
EXCELSIOR trestles—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
EXCELSIOR valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
EXCELSIOR vertical drilling machines—Royersford Foundry & Machine Co., Royersford, Pa.
EXCELSIOR weeding hooks—Potter Mfg. Co., Geneva, N. Y.
EXCELSIOR welding compounds—Cortland Specialty Co., Cortland, N. Y.
EXCELSIOR well curbing—E. E. & J. H. Bates, Arlington, Providence, R. I.
EXCELSIOR wing dividers—Wm. Schollhorn Co., New Haven, Conn.
EXCELSIOR wire fences and grates, wire poultry netting, wire picture cords, rust proof wire tree guards, fences, clothes line wire, lath wire, stove pipe wire, fence ratchets, riddle & sieves, screens, wire cloth, wire rope, tow lines, wire gauze splints—Wickwire Spencer Steel Corp., Worcester, Mass.
EXCELSIOR wire wall ties—Church Appliance Mfg. Co., La Salle, Ill.
EXCELSIOR wood split pulleys—Excelsior Pulley Co., Cuba, N. Y.
EXCELSIOR ANCHOR bolting cloth—Hammond-Homberger Co., Silver Creek, N. Y.
EXCELSIOR RED FRICTION belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
EXCELTILE enameled metal tile—Stengel Bros. Co., Thompson & Chrtrs., Pittsburgh, Pa.
EXECUPLOR electric fixtures—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
EXEMPLAR insulatting tape, wood cross arms & insulator pins—Pettingell Andrews Co., 166 Pearl, Boston, Mass.
EXETER dry batteries—Stanley & Patterson, 23 Murray, New York
EXETER hot water radiators—Gibson Iron Works, Gibson City, Ill.
EXETER lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
EXHAUST ventilator—J. G. Brill Co., 62d & Woodland av, Phila., Pa.
EXIDE storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.
EXO automobile horns—Troy Auto Specialty Co., Troy, N. Y.
EXPANSION door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
EXPANSION key chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
EXPANSION packing—A. W. Chesterton Co., 64 India, Boston, Mass.
EXPANSION RING pipe hangers—Fred. E. Glenn, St. Charles, Ill.
EXPECT lead pencils—American Lead Pencil Co., 229 5th av, New York.
EXPEDIO closets & urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
EXPEDITE paint & varnish remover—Pratt & Lambert, Buffalo, N. Y.
EXPERT corn cleaners, fanning mills, grain graders—Cleveland Mfg. Co., Minneapolis, Minn.
EXPERT crucible carbon hack saw blades—Napier Sak Wks., Inc., Springfield, Mass.
EXPERT fishing reels—General Phonograph Corp., 25 W 45th, New York
EXPERT hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
EXPORT carbon paper—J. A. Heale & Co., 96 John, New York
EXPORT clothes lines—Estes Mills, Falls River, Mass.
EXPORT typewriter ribbons—J. A. Heale & Co., 96 John, New York
EXPRESS blue print machines—Williams, Brown & Earle, 916 Chestnut, Phila., Pa.
EXPRESS neck yokes—Reno Mfg. Co., Erie, Pa.
EXPRESS vapor lamps—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EXTRA iron electric engine bolt, stay bolt iron—Old Dominion Iron & Steel Corp., Belle Isle, Richmond, Va.
EXTRA tool steel, the best carbon steel for general use—Halcomb Steel Co., Syracuse, N. Y.
EXTRA CEYLON plumbago—J. S. McCormick & Co., 25th & A. V. R. R. Pittsburgh, Pa.
EXTRA LEAKY pipe strainers—Henry B. Pancoast Co., 950 N. Front, Phila., Pa.
EXTRA PARA rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
EXTRA SPECIAL natural color waste—Estes Mills, Fall River, Mass
EXTRA SPECIAL tool steel for cutting tools—Hammond Steel Co., Inc., Syracuse, N. Y.
EYNON gate regrinding valves—Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
EYNON-KORTING boiler injectors—Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
EYNON'S milling cutters—Surerus & Greenhill, 502 W. Division, Chicago, Ill.
EZEKIEL PAGE boat oars—New York Boat Oar Co., 69 West, New York
EZI needle threaders—Roeti-Hunt Corp., Putnam, Conn.
EZYCATCH fly traps—Thompson Co., Red Oak, Ia.
EZY-MADE toys—Card Board Toy Co., 1st Wisconsin National Bank bldg, Milwaukee, Wis.
EZY-OUT screw extractors—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
EZYTEST burglar alarm window springs—Manhattan Electrical Supply Co., 17 Park pl, New York
F adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
F. A. switchboards—Frank Adam Electric Co., 904-14 Pine, St. Louis, Mo.
F-A-S burning brands—F. A. Sackmann, 810 Prospect av, Cleveland, Ohio
F. B. C. locknuts & staybolts—Flannery Bolt Co., Vanadium bldg, Pittsburgh, Pa.
F. F. corn planting drills—J. I. Case Plow Works, Racine, Wis.
F. F. knife switches—Geo. Cutter Co., South Bend, Ind.
F.-F shock absorbers—France Mfg. Co., 10360 Berea rd, Cleveland, Ohio
F-F-F brattice cloth—Fulton Bag & Cotton Mills, Atlanta, Ga.
F. F. G. semi smokeless powder—King Powder Co., First Nat. Bank bldg., Cincinnati, Ohio
F. F. V. clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
F. F. V. float valves—Henry C. Freshour, Bridgeport, Conn.
F-I-R-O-S spark plugs—Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.
F. P. SARGENT gloves—Spencer Glove Co., Waverly, N. Y.
F. P. SARGENT leather gloves—Detroit Leather Specialty Co., 275 Beecher, Detroit, Mich.
F. S. C. benzaldehyde—Chemical Co. of America, 28 Platt, New York

F. & C. & C. ironers—Willey Co., Inc., 1222 Race, Phila., Pa.
F. & E. check protectors—Hedman Mfg. Co., 227 W Erie, Chicago, Ill.
F. & F. Composition red sanitary flooring—Flexner-Taylor Co., Ltd., 786 E B'way, So. Boston, Mass.
F. & J. disc harrows—Madison Plow Co., Madison, Wis.
F. & J. OPEN JACKET gasoline engines—Fuller & Johnson Mfg. Co., Madison, Wis.
F. & J. BEMIS tobacco transplanters—Madison Plow Co., Madison, Wis.
F. & K. bath waste & overflow—Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
F. & P. gasoline lighting systems — Incandescent Light & Stove Co., Madisonville, Cincinnati, O.
F. & R. machinists' vises—Boker Cutlery & Hardware Co., 101 Duane, New York
F. & R. pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.
F. & S. ball bearings—Bearings Co. of America, Lancaster, Pa.
F. S. S. Ideal pumps—Field & Shorb Co., Decatur, Ill.
F. & W. electric house pumps—Flint & Walling Mfg. Co., Kendallville, Ind.
FABER blow-off valves—Elliott Co., Frick bldg, Pittsburgh, Pa.
FABRADY reamers, twist drills & machine tools, etc. F. A. Brady, 30 Church, New York
FABREEKA special process fibre belting—Fabreeka Belting Co., 30 India, Boston, Mass.



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Works Better Than Leather. Wont Fray, Slip or Stretch. Has Greater Tensile Strength than Leather.

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FAB-RI-KO-NA wall coverings—H. B. Wiggins Sons Co., Bloomfield, N. J.
FABROIL gears & pinions—General Electric Co., Schenectady, N. Y.
FACILE pivoted window hardware—Facile Window Co., 103 Park av, New York
FACILE BABCOCK testers, milk & cream—D. H. Burrell & Co., Little Falls, N. Y.
FACTREQUIPMENT boxes, cabinets, lockers & racks —The Mills Co., 5320 St. Clair av, Cleveland, Ohio
FAFNIR ball bearings—Fafnir Bearing Co., New Britain, Conn.
FAGEOL motor trucks—Ohio Fageol Motors Co., 2539H East 79th, Cleveland, Ohio
FAHERTY cylinder huller knives—French Oil Mill Machinery Co., Piqua, Ohio
FAHNESTOCK battery connectors—National Carbon Co., Madison av, N. W. & W. 117, Cleveland, Ohio
FAHNESTOCK wire connectors—Fahnestock Electric Co., Meadow, Long Island City, N. Y.
FAHRIG babbitt metal—Fahrig Metal Co., 34 Commerce, New York
FAHY permeamitters—Holz & Co., Inc., 18 Madison av, New York
FAIR garden cultivators—Brown-Manly Plow Co., Malta, Ohio
FAIRBANK screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FAIRBANKS hammers & forging machines—United Hammer Co., 45 Bromfield, Boston, Mass.
FAIRBANKS platform & stock scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
FAIRBANKS scales, scoops, shovels, spades, trucks & valves—Fairbanks Co., 416 Broome, New York
FAIRBANKS-MORSE power & wind mill pumps, oil engines, pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
FAIRDAY clothes washing machines — Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
FAIRFACTS escutcheons & bathroom accessories, Fairfacts Co., 234 W 14th, New York
FAIRFAX brushes—Fiberloid Corp., Dept. H, Indian Orchard, Mass.
FAIRFAX lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
FAIRFIELD rubber coated cloth—Du Pont Fabrikoid Co., Wilmington, Del.
FAIRFIELD shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
FAIRHURST air compressors—American Air Compressor Works, 26 Cortlandt, New York
FAIRMONT gasoline engines—Fairmont Gas Engine & Ry Motor Car Co., Fairmont, Minn.
FAIRMOUNT miners' coal augers & box car loaders—Fairmont Mining Machinery Co., Fairmont, W. Va.
FAIRMONT miners' coal augers—Fairmont Mining Machinery Co., Fairmont, W. Va.
FAIRMOUNT tools—Fairmount Tool & Forging Co., 10611 Quincy av, Cleveland, Ohio
FAIRY bame fasteners—Covert Saddlery Works, Interlaken, N. Y.
FAIRY hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
FAIRY hose nozzles—Landers, Frary & Clark, New Britain, Conn.
FAIRY ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
FAIRY lawn swings—Challenge Co., Batavia, Ill.
FAIRY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
FAIRY spray nozzle—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
FAIRY velocipedes—Colson Co., Elyria, O.
FAIRY QUEEN gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
FALCON chain pipe & fittings, wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
FALCON crayons—Standard Crayon Mfg. Co., Danvers, Mass.
FALCON fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
FALCON fixture wrenches—Yost Electric Mfg. Co., Toledo, Ohio
FALCON waste plug spanners—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
FALES PATENT bench planes—Otis A. Smith, Rockfall, Conn
FALK gasoline engines—Advance-Rumely Co., La Porte, Ind.
FALK herringbone cut gears—Falk Corp., ft. 30th, Milwaukee, Wis.
FALLS friction clutches—Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
FALLS NEVERSLIP rubber tires—Falls Rubber Co., Cuyahoga Falls, Ohio
FAMA fire-proof floors—Minnesota Fama Stonewood Co., St. Paul, Minn.
FAMILY butchers' cleavers — Forsyth Metal Goods Co., E. Aurora, N. Y.
FAMILYLITE illuminating oil—Texas Co., 17 Battery pl, New York
FAMOUS baling presses—Famous Mfg. Co., East Chicago, Ind.
FAMOUS boiler compounds — Northrop Lubricating Oil Co., 308 N. Commercial av, St. Louis, Mo.
FAMOUS closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
FAMOUS ensilage feed & fodder cutters—Jos. Dick Mfg. Co., Canton, Ohio
FAMOUS kitchen knives, kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
FAMOUS ladders — Goshen Churn & Ladder Co., Goshen, Ind.
FAMOUS lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
FAMOUS oil filters—Northrop Lubricator Co., 308 N. Commercial av, St. Louis, Mo.
FAMOUS universal wood working machines, saw filing & setting machines—Sidney machine Tool Co., Sidney, O.
FAMOUS BURTON bob sleds—Thornburgh Mfg. Co., Bowling Green, Ohio
FAMOUS OHIO cultivators & beet pullers—Ohio Cultivator Co., Bellevue, Ohio
FAMOUS ST. JOE riding & walking listers—St. Joseph Plow Co., St. Joseph, Mo.
FAN automobile belts—J. H. Haney & Sons, Omaha, Neb.
FANEULL lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
FANNIE pig iron—United Iron & Steel Co., Cleveland, Ohio
FANNING lemon squeezers—J. P. Fanning, 678 Jefferson av, Brooklyn, N. Y.
FANOSITE non-corrosive alloy & products. Aterite Co., Inc., n. e. cor. John & William, New York
FARADAY electric bells—Stanley & Patterson, 23 Murray, New York
FARGO spring tooth harrows—Genesee Valley Mfg. Co., Mt. Morris, N. Y.
FARLEY cocks & bibbs—Crampton-Farley Brass Co., Kansas City, Mo.
FARLOW draft gear—T. H. Symington Co., 233H Broadway, New York
FARMER BOY tractors—McIntyre Mfg. Co., Columbus, Ohio
FARM KING hand forks—Union Fork & Hoe Co., Columbus, Ohio
FARM KING sulky plows—Rockford Mfg. Co., Rockford, Ill.
FARM QUEEN gang plows—Rockford Mfg. Co., Rockford, Ill.
FARM SPECIAL tool & sickle grinders—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
FARMERS' gang press wheel attachments—American Seeding Machine Co., Springfield, Ohio
FARMERS' root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
FARMERS' FAVORITE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
FARMERS' FAVORITE grain drills & rice planting drills—American Seeding Machine Co., Springfield, Ohio
FARMERS FRIEND cart sprayer—Deming Co., Salem, O.
FARMERS' FRIEND farm boilers—A. Buch's Sons Co., Elizabethtown, Pa.
FARMERS' FRIEND fertilizer distributors—Wirtz & Hernlen, Augusta, Ga.
FARMERS' FRIEND portable grain elevators—Cizek Bros. Mfg. Co., Clutier, Ia.
FARMERS' FRIEND portable grain elevators—G. & D. Mfg. Co., Streator, Ill.
FARMERS' FRIEND straw stackers—Indiana Mfg. Co., Merchants Bank bldg, Indianapolis, Ind.
FARMERS HANDY feed cookers—Empire Mfg. Co., Quincy, Ill.
FARNHAM vacuum rolls—Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
FARNLEY iron—Houghton & Richards, 145 Oliver, Boston, Mass.
FARQUHAR hot air furnaces & furnace regulators—Farquhar Furnace Co., Wilmington, Ohio
FARQUHAR steam & gas traction engines, grain separators & threshers. A. B. Farquhar Co., Ltd., York, Pa.
FARRELL grapple forks—Jno. Farrell & Son, Newton, N. J.

FARRIS sand bands—Concord Axle Co., Penacock, N. H.
FARWELL gear hobbing, gear testing, fdry molding, milling machines, reamer grinders—Adams Co., Dubuque, Ia.
FASSETT signal lamps—Dressel Railway Lamp Works, 3868 Park av, New York
FASSMACHT wire bound boxes—Plymouth Novelty Mfg. Co., Plymouth, Ind.
FAST MAIL double acting force pumps—Flint & Walling Mfg. Co., Kendallville, Ind.
FASTFEED drills, reamers—Fastfeed Drill & Tool Corp., Toledo, Ohio, & 21 Murray, New York
FAST RUNNER ice creepers—Norlund Mfg. Co., Williamsport, Pa.
FAUGHT'S closed hub wheels—Lobdell Car Wheel Co., Wilmington, Del.
FAULITES deflecting automobile lenses—Madden Glass Co., Aberdeen, S. Dak.
FAULTLESS axes—Romer Axe Co., Dunkirk, N. Y.
FAULTLESS bed & furniture casters—Faultless Caster Co., Evansville, Ind.
FAULTLESS conductor pipe hooks—Klauer Mfg. Co., Dubuque, Ia.
FAULTLESS cocks & bibbs—J. J. Ryan & Co., 100 S. Jefferson, Chicago, Ill.
FAULTLESS dial thermometers—C. J. Tagliabue Mfg. Co., 18 33rd, Brooklyn, N. Y.
FAULTLESS door rollers—Lawrence Bros., Sterling, Ill.
FAULTLESS fly swatters—Wickwire Spencer Steel Corp., Worcester, Mass.
FAULTLESS garment hangers—National Hanger & Fixture Mfg. Co., 496 E. 134th, New York
FAULTLESS hay fork pulleys, door hangers, barn door rails, pump stands—F. E. Myers & Bro., 900 Fourth, Ashland, Ohio
FAULTLESS hoes—Union Fork & Hoe Co., Columbus, Ohio
FAULTLESS hospital stretchers, bedsteads, medicine cabinets & steel hospital furniture—H. D. Dougherty & Co., 17th & Indiana, Philadelphia, Pa.
FAULTLESS hot air furnaces & stoves—Graff Furnace Co., 61 Wooster, New York
FAULTLESS insulating compounds—Candy & Co., 403 N. Paulina, Chicago, Ill.
FAULTLESS metal polish—Hawkeye Oil Co., Waterloo, Iowa.
FAULTLESS packing—Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
FAULTLESS paint & varnish remover—Geo. E. Watson Co., 62 W. Lake, Chicago, Ill.
FAULTLESS parting compounds—Hill-Griffith Co., 1262 State av, Cincinnati, Ohio
FAULTLESS pen clips—L. D. Van Valkenburg Co., Holyoke, Mass.
FAULTLESS pumps—F. E. Myers & Bro., Ashland, Ohio
FAULTLESS ranges—Faultless Iron Works, St. Charles, Ill.
FAULTLESS reducing wheels—Trill Indicator Co., Corry, Pa.
FAULTLESS stay rolls—Lawrence Bros., Sterling, Ill.
FAULTLESS step ladders—Goshen Mfg. Co., Goshen, Ind.
FAULTLESS stump pullers—R. S. Caward, Cresco, Ia.
FAULTLESS unloaders—F. E. Myers & Bro., Ashland, Ohio
FAULTLESS water closets—Kretschmer Mfg. Co., Dubuque, Ia.
FAULTLESS yarn hand dusters—Universal Brush Co., 181 Quincy, Chicago, Ill.
FAULTLESS COMFORT pipeless furnaces—Graff Furnace Co., 61H Wooster, New York
FAVARIT—steel tray barrows—J. W. Conner & Son, Orangeville, Pa.
FAVORITE alligator hay presses—J. A. Spencer, Dwight, Ill.
FAVORITE bath brushes—Standard Brush Co., New Hartford, Conn.
FAVORITE bob sleds—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
FAVORITE ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.
FAVORITE chalk & masons' lines—Lees Mfg. Co., Westport, Conn.
FAVORITE churns—Dobson Mfg. Co., Rockford, Ill.
FAVORITE clam shell buckets—G. H. Williams Co., Erie, Pa.
FAVORITE clothes dryers—Williamson Heater Co., 339 W 5th, Cincinnati, Ohio
FAVORITE confectioner's furnace—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
FAVORITE cork pullers—Arcade Mfg. Co., Freeport, Ill.
FAVORITE flour sieves—Fred J. Meyers Mfg. Co., Hamilton, Ohio
FAVORITE flue blowers—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
FAVORITE gang press wheel attachments—American Seeding Machine Co., Springfield, Ohio
FAVORITE gas ranges & stoves—Favorite Stove & Range Co., Piqua, Ohio
FAVORITE glass cutters—Browne & Dowd Mfg. Co., Meriden, Conn.
FAVORITE glass cutters—Fletcher, Terry Co., Forestville, Conn.
FAVORITE glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
FAVORITE harrows & pulverizers—Parlin & Orendorff Co., Canton, Ill.
FAVORITE incubators & brooders—Leahy Mfg. Co., Higginsville, Mo.
FAVORITE kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
FAVORITE knife & scissors grinders & lawn mower sharpeners—Fate-Root-Heath Co., Plymouth, O.
FAVORITE lawn mowers—American Lawn Mower Co., Muncie, Ind.
FAVORITE overhead cut-off saws—J. W. Conner & Son, Orangeville, Pa.
FAVORITE packing—Acme Rubber Mfg. Co., Trenton, N. J.
FAVORITE packing—American Steam Packing Co., 165 High, Boston, Mass.
FAVORITE pincers—Champion Tool Co., Meadville, Pa.
FAVORITE spray pumps & valve grinders—New Favorite Mfg. Co., 183 W. Maple, Columbus, Ohio
FAVORITE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
FAVORITE stoves—Pittston Stove Co., Pittston, Pa.
FAVORITE tank heaters—Challenge Co., Batavia, Ill.
FAVORITE threshers—J. W. Connor & Son, Orangeville, Pa.
FAVORITE tube scrapers—Stewart Heater Co., N. Tonawanda, N. Y.
FAWCUS cut glass & special mach.—Fawcus Machine Co., 2818-2828 Smallman, Pittsburgh, Pa.
FAWSCO spark plugs, auto fuses & steel socket wrenches—J. H. Faw, Inc., 27 Warren, New York
FAY calipers & dividers—L. S. Starrett Co. (The), Athol, Mass.
FAY cam cutting machines & engine lathes—Fay Machine Tool Co., 2nd & Glenwood av, Phila., Pa.
FAY'S scroll saws—Henry Disston & Sons, Tacony, Phila., Pa.
FEARLESS manure spreaders—Harder Mfg. Co., Cobleskill, N. Y.
FEARLESS manure spreaders—Walter A. Wood, Hoosick Falls, N. Y.
FEARLESS ranges—Faultless Iron Works, St. Charles, Ill.
FEATHER mercury testing columns—N. B. Feather, Hackett, Newark, N. J.
FEATHERBONE whips—Featherbone Whip Co., Westfield, Mass.
FEATHEREDGE sponge rubber—Featheredge Rubber Co., 458 W. Grand av, Chicago, Ill.
FEATHERLIGHT fishing reels—General Phonograph Corp., 25 W 45th, New York
FEATHERLITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
FEATHERWEIGHT card tables—E. T. Burrowes Co., Portland, Me.
FEATHERWEIGHT eye shades—Featherweight Eyeshade Co., Merchantville, N. J.
FEATHERWEIGHT ice creepers—J. M. Warren & Co., Troy, N. Y.
FEATHERWEIGHT FLEXIBLE rulers—Westcott-Jewell Co., Seneca Falls, N. Y.
FEDERAL adding machines—Federal Adding Machine Corp., 251 4th av, New York
FEDERAL belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
FEDERAL boiler compounds—Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio
FEDERAL concrete hardeners—Federal Steel Cement Mills, 2639 E. 79th, Cleveland, Ohio
FEDERAL drill & tool steel—Federal Tool & Alloy Steel Corp., 233 B'way, New York
FEDERAL dry core compounds & steel foundry facings—Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
FEDERAL dustless ash sifter cans & damper clips—Federal Stamping Co., Holland, Mich.
FEDERAL elastic cements—Federal Process Co., Cleveland, Ohio
FEDERAL emery wheel dresses & cutters—Federal Machine Products Co., Farnsworth & Beaufait, Detroit, Mich.
FEDERAL folding clothes racks—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FEDERAL incandescent lamps—Federal Miniature Lamp Division Nat'l Lamp Works of G. E. Co., 920 S Michigan av, Chicago, Ill.
FEDERAL metallic lockers—Federal Steel Fixture Co., 8700 S. Halsted, Chicago, Ill.
FEDERAL packing & steam hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
FEDERAL planing machines—E. E. Bartlett, 326 A, Boston, Mass.
FEDERAL plow clevises—Federal Malleable Co., West Allis, Wis.
FEDERAL punches, bench shears, wire straightening machines, rod & wire cutters—Chandler & Farquhar Co., 36 Federal, Boston, Mass.
FEDERAL water filters—Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
FEDERAL GASOILA pipe cements & varnishes—Federal Process Co., Cleveland, Ohio
FEDERALITE packing mfrs.—Federal Metallic Packing Co., 48 Hanover, Boston, Mass.
FEHY hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.
FEIST trolley harps—Electrical Material Co., 618 W Jackson blvd, Chicago, Ill.
FELCO brushes—Atlanta Brush Co., Inc., Atlanta, Ga.
FELDING flush plugs—H. T. Paiste Co., 3201 Arch, Phila., Pa.
FELLSEN pneumatic tires—Fellsen Tire Co., 1995 Broadway, New York
FELS NAPHTHA white laundry soap—Fels & Co., 73rd & Woodland av, Phila., Pa.
FELTEX felt floor covering—Geo. W. Blabon Co., Nicetown, Phila., Pa.
FELTEX saturated felts—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
FELTHOUSEN gauge cocks—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
FELTOID bed & furniture casters—Bassick Co., Bridgeport, Conn.

FELTOID window anti-rattlers—Peabody, Henry W., & Co., 17 State, New York
FELTOLIN floor coverings—Cook's Linoleum Co., Trenton, N. J.
FELTON conduit wiring, sewer rods & conduit couplings—Waldo Bros. & Bond Co., 181H Congress, Boston, Mass.
FEMA closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
FEMBRO spray nozzles—F. E. Myers & Bro., 900 4th, Ashland, Ohio
FEMCO bath & basin traps & waste—Frost Mfg. Co., Kenosha, Wis.
FENDEN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
FENESTRA rolled steel window frame—Detroit Steel Products Co., 2250 E. Grand blvd, Detroit, Mich.
FENIX copper heat resistance wire for railway induction motor winding—General Electric Co., Schenectady, N. Y.
FENN gear cutter grinders, bench drilling machines—Fenn Mfg. Co., 385 Broad, Hartford, Conn.
FENN'S post hole augers—Fenn Mfg. Co., Charlotte, Mich.
FENN rotary ventilators—Fenn Ventilator Co., 94 Blackstone, Boston, Mass.
FEPS carbureters—Schoen-Jackson Co., Media, Pa.
FERALUN brake shoes, stair treads—American Abrasive Metals Co., 50 Church, New York
FERGUSON electric desk lights—J. Alexander Mfg. Co., 1991 Broadway, New York
FERGUSON gasoline engines—Ferguson Mfg. Co., Waterloo, Iowa
FERGUSON locomotive fire kindler & flue welding, forging & roll tempering furnaces—Railway Materials Co., Railway Exch. bldg, Chicago, Ill.
FERGUSON rain gauges—International Instrument Co., 23 Church, Cambridge, Mass.
FERGUSON tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
FERGUSON tube expanders—A. L. Henderer's Sons, Wilmington, Del.
FERNALD trace holders—Fernald Mfg. Co., North East, Pa.
FERNOLEUM shingle stains—A. Wilhelm Co., Reading, Pa.
FEROFILM scale preventive—Ferofilm Co., Utica, N. Y.
FEROX iron oxide paints—Hammond Process Co., Norwich, Conn
FERREN can openers—Goodell Co., Antrim, N. H.
FERRENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
FERRET automobile wrenches—Pedersen Mfg. Co., 636 1st av, New York
FERRIS automobile bldrs.—Ohio Motor Vehicle Co., Oakview & Nottingham rds, Cleveland, Ohio
FERRO case hardening compounds—C. G. Buchanan Chemical Co., 4650 Baker av, Cincinnati, Ohio
FERRO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
FERRO iron cements—Johns-Manville, Inc., Madison av & 41st, New York
FERRO CASE compounds—C. G. Buchanan Chemical Co., 118 E Pearl, Cincinnati, Ohio
FERROCAL heat treating wire baskets—C. O. Jelliff Mfg. Corp., Southport, Conn.
FERRO-CLARITE foundry flux—Basic Mineral Co., box 276, N. S., Pittsburgh, Pa.
FERRODENSE semi-steel castings—Raleigh Iron Works Co., Raleigh, N. Y.
FERROINCLAVE fire-proof doors, concrete reinforcing materials & construction—Brown, Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio
FERROLITHIC concrete reinforcing materials—Berger Mfg. Co., Canton, Ohio
FERROSTAT vacuum bottles—Stanley Insulating Co., Great Barrington, Mass.
FERRO TEX waterproofing materials—Monitor Oil Co., Cleveland, Ohio
FERY radiation pyrometers—Taylor Instrument Companies, Rochester, N. Y.
FETTA filtering & purifying plants & water softening apparatus—Richmond Water Softener Co., Box 128, Richmond, Ind.
FETTER'S sardine scissors—C. S. Osborne & Co., Box 183, Newark, N. J.
FETZER harrows, drills, grass seeders, potato planters, plows, seeders & sowers—Fetzer & Co., Springfield, Ill.
FIBERITE packing—A. W. Chesterton Co., 64 India, Boston, Mass.
FIBERITE packing mfrs.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
FIBERLIC wall boards—MacAndrews & Forbes Co., 200 5th av, New York
FIBERTAN packing—Penna. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
FIBO asbestos brake lining & sheet packing—Asbestos Fibre Spinning Co., North Wales, Pa.
FIBREBESTOS packing—Akron Metallic Gasket Co. Akron, Ohio
FIBRECOATING asphalt & asbestos roofing—Phillip Carey Mfg. Co., 330 Wayne av, Cincinnati, Ohio
FIBRE-CLAD weatherproof wire—Peerless Insulated Wire & Cable Co., 90 West, New York
FIBREFLAX cordage & twine—American Mills Co., Atlanta, Ga.
FIBRE HYDE romid belt lacing—Geo. W. Southwick Co., Stamford, Conn.
FIBREROCK asbestos roofing—Phillip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
FIBREX tree wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
FIBRINE insulating washers—Jno. M. Fox & Co., Portland, Me.
FIBRO closet seats—Columbus Brass Co., Columbus, Ohio
FIBRO-METALLIC asbestos packing—General Asbestos & Rubber Co., Charleston, S. C.
FIBROTEX leak proofer—Truscon Laboratories, Caniff & G. T. R. R., Detroit, Mich.
FIBROTTA fibre pails & cuspidors—Fibre Corporation, Lockport, N. Y.
FIBROTTA paper fibre products—Cordley & Hayes, 7 Leonard, New York
FIDELITY cotton & wool waste—J. Hilton Hagy Waste Works, 836 S. Swanson, Phila, Pa.
FIDELITY rubber hose & packing—National India Rubber Co., Bristol, R. I.
FIDELITY rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
FIDELITY steam traps—Monash-Younker Co., 551 W Monroe, Chicago, Ill.
FIEBING'S hoof dressing, harness soap, lusterine polish Fiebing Chemical Co., 240 Reed, Milwaukee, Wis.
FIELD drag line excavators—Clyde Iron Works Sales Co., Duluth, Minn.
FIELD gasoline engines—Field-Brundage Engine Works, Jackson, Mich.
FIELD tower excavators—Clyde Iron Works Sales Co., Duluth, Minn.
FIELDCO leather gaskets, flexible & fibre packing, felt, fibre, lead & leather, paper, plumbers, vehicle, etc., washers—R. B. Field & Co., Worcester, Mass.
FIELDING junction boxes, stage & receptacle plugs—Stanley & Patterson, 23 Murray, New York
FIELDING receptacles—H. T. Paiste Co., 3201 Arch, Phila., Pa.
FIELDS tomato pulp cookers—U. S. Bottlers' Machinery Co., 2511 Park, Chicago, Ill.
FILE 'EM QUICK skate sharpeners—Osborn Mfg. Co., 5404 E. Hamilton, Cleveland, Ohio
FILEINE cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
FILL-IT iron & steel filler & pipe joint cements—Doggett Stanley, 11 Cliff, New York
FILSMITH engine lathes—Philip Smith Mfg. Co., Sidney, Ohio
FILTCHAR carbon—Industrial Chemical Co., 200 5th av, New York
FILTER-CEL filtering materials—Celite Products Co., 11 B'way, New York
FIL-TITE putty powder—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
FILTROLA coffee percolators—Crystal Percolator Co., 44 E. 23rd, New York
FINERY snap fasteners—Federal Snap Fastener Corp., 27 W. 31st, New York
FINGARBRITE hand soap—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
FINLAYSON wire rope tramways—McFarlane Mfg. Co., Denver, Colo.
FINNELL floor scrubbing machines—Finola Mfg. Co., Hannibal, Mo.
FINNEY safety razors—H. C. Hart Mfg. Co., Unionville, Conn.
FIREARMS PET hose nozzles—Elkhart Brass Mfg. Co., Elkhart, Ind.
FIRE FELT locomotive lagging—Johns-Manville, Inc., Madison av & 41st, New York
FIRE FLY fire extinguishers—Northwestern Chemical Co., Marietta, Ohio
FIREFLY garden weeders & steering sleds—S. L. Allen & Co., 5th & Glenwood, Phila., Pa.
FIRE FLY spark plugs—Sharp Spark Plug Co., C. A. C. bldg, Cleveland, Ohio
FIRE-FLY storage batteries—Hoosier Storage Battery Co., Evansville, Ind.
FIREFOAM fire extinguishers—Erwin Mfg. Co., Montgomeery bldg, Milwaukee, Wis.
FIRE FOE fireproof paints—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
FIRE GUN fire extinguishers—Fire Gun Mfg. Co., 115 4th av, New York
FIRE KING fire extinguishers & hose—Henry K. Barnes Co., 234 Devonshire, Boston, Mass.
FIRE KING gas heaters, laundry stoves, ranges—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
FIRE KING hose nozzles—Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.
FIRESIDE cobblers' outfit—Fate-Root-Heath Co., Plymouth, Ohio
FIRESTONE rubber tires, tire cements, horse shoe pads, tire repair plugs, auto rims & tire sleeves—Firestone Tire & Rubber Co., Akron, Ohio
FIRE WARDEN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
FIRMA gauge glasses—Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
FIRMUS hot die steel—Hammond Steel Co., Inc., Syracuse, N. Y.
FIRO high pressure square packing—New York Belting & Packing Co., 91 Chambers, New York
FIRO superheat packing—New York Belting & Packing Co., 91 Chambers, New York
FIRST kitchen cabinets—Faultless Iron Works, St. Charles, Ill
FIRTH STERLING stainless steel—Firth Sterling Steel Co., McKeesport, Pa.
FIRTH STERLING SPECIAL water hardening steel—Firth Sterling Steel Co., McKeesport, Pa.
FISCHER pianos—J. & C. Fischer, 417 W. 28th, New York
FISCHER'S double box blocker machines—Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
FISH oven builders—Fish Rotary Oven Co., Walworth, Wis.
FISHER anvils & vises—Fisher & Norris, Trenton, N. J.

FISHER automatic ventilators—Fisher Martin & Sons, 438 Pearl, Buffalo, N. Y.
FISHER pump governors—Fisher Governor Co., Marshalltown, Ia.
FISHER ventilators—Martin Fisher & Sons, 438 Pearl, Buffalo, N. Y.
FISHER'S heavy duty roller bearing mine car wheels—Fisher Mine Equipment Co., W. Newton, Pa.
FISK electric heaters—W. G. Nagel Elec. Co., Toledo, Ohio
FISK rubber tires—Fisk Rubber Co., Chicopee Falls, Mass.
FISKE front brick—Fiske & Co., 30 Franklin, Boston, Mass.
FISKE'S lubricating oils & greases—Fiske's Bros. Refining Co., 24 State, New York
FISKLOCK brick front—Fiske & Co., Inc., 40 W. 32d, New York
FISKLOCK front brick—Fiske & Co., 30 Franklin, Boston, Mass.
FITALL pipe straps—Twisted Wire & Steel Co., 437 11th av, New York
FITALL shoe trees & stretchers—A. R. Anderson & Co., Arlington, N. J.
FITCH china kilns—Stearns, Fitch & Co., Springfield, Ohio
FITCHBURG files—Simonds Mfg. Co., Fitchburg, Mass.
FITCHBURG steam engines—Fitchburg Steam Engine Co., Fitchburg, Mass.
FITCHBURG stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
FITCHBURG universal grinders—Fitchburg Grinder Co., Fitchburg, Mass.
FITZ-EM-ALL rubber rings—Smalley, Kivlan & Onthank, 21H Blackstone, Boston, Mass.
FITZGERALD prepared plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
FITZSIMMONS cold drawn, cold rolled steel & screw stock steel—Wetherell Bros. Co., 251 Albany, Cambridge, Mass.
FIVE electric vacuum cleaners—Hurley Machine Co., Cicero, Ill.
FIVE IN ONE air gauges—Precision Instrument Co., 21 Halsey, Newark, N. J.
FIVE IN ONE spring exerciser—Peerless Exerciser Co., 383 Pearl, Brooklyn, N. Y.
FIVE-MINUTE-CURE tire cements—American Tire & Rubber Co., Akron, Ohio
FIX-ALL cement—Harrison Supply Co., 209 Washington, Boston 9, Mass.
FIXED nozzle boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
FLAG padlocks—Slaymaker Lock Co., Lancaster, Pa.
FLAHERTY carboy rockers—Eimer & Amend, 205 3rd av, New York
FLAKE mica lubricants—U. S. Mica Mfg. Co., 1521 Circle av, Forest Park, Ill.
FLAMEBLAST gas electric blow torches—North American Mfg. Co., 5904 Carnegie av, Cleveland, Ohio
FLAMOR flaming arc lamps—Chas. Hagstedt, 139 E. 54th, New York
FLANDERS electric automobile horns—Flanders Co., Owen bldg, Detroit, Mich.
FLANGETITE packing mfrs., flexible fibre & sheet packing—Dominion Asbestos & Rubber Corp, 154 Nassau, New York
FLASH roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.
FLASH silver polish & antiseptic hand & liquid cleaner soap & aluminum cleanser—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASH CAFO CEAR insecticides—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASH CREOTHOL disinfectants—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASH HARD WATER HAND PUMICE soap—Flash Chem. Co., 160 2nd, Boston, Mass.
FLASHLIGHT electric alarm clocks—Darche Mfg. Co., 643 W Washington blvd, Chicago, Ill.
FLASH VEGETOL automobile oil soap—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLAT O'ROLL toilet paper holders—S. J. Bens Mfg. Corp., Herkimer, N. Y.
FLATTINE wall finish—Standard Varnish Works, 90 West, New York
FLAXLINUM insulation deadening felts & sound proofing material—Northern Insulating Co., St. Paul, Minn.
FLAXINUM rail joint insulation—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
FLAXINUM rail joint insulation—Holden & White, 343 S Dearborn, Chicago, Ill.
FLAXLINUM KEYBOARDS deadening felts—Northern Insulating Co., St. Paul, Minn.
FLAXOAP linseed oil soap—Sherwin-Williams Co., Cleveland, Ohio
FLAXO-SAIL cordage & twine—American Mills Co., Atlanta, Ga.
FLEETWING steering sleds—Auto-Wheel Coaster Co., North Tonawanda, N. Y.
FLEETWOOD horse brushes—Standard Brush Co., New Hartford, Conn.
FLEMING lawn swings—Fleming & Sons Mfg. Co., Huntsville, Mo.
FLEMING shoe soling sewing machines—Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.
FLEMING steam engines—Harrisburg Fdry. & Machine Works, Harrisburg, Pa.
FLENTJE shock absorbers—Flentje, Ernst, 1643 Cambridge, Cambridge, Mass.
FLETCHER friction clutches—Fletcher Works, Linwood av & 2nd, Phila., Pa.
FLETCHER insulated racks—Fletcher Mfg. Co., Dayton, Ohio
FLETCHER'S dye tubs—J. I. Terhune, 164 Ward, Paterson, N. J.
FLEUR-DE-LIS dry batteries—French Battery & Carbon Co., Madison, Wis.
FLEX clamp ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
FLEX-A-TILE asphalt shingles & roofing cements—Heppes Roofing Div., The Richardson Co., Lockland, Ohio
FLEX-A-TILE-ROOFING ready asphalt—Heppes-Nelson Roofing Co., 4500 Filmore, Chicago, Ill.
FLEXIBLE belt dressing—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
FLEXIBLE belt fasteners & belt lacing—Columbia Novelty Mfg. Co., 1431 N. 8th, St. Louis, Mo.
FLEXIBLE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
FLEXIBLE rawhide belting—Wm. Coupe Co., Ltd., South Attleboro, Mass.
FLEXIBLE trolley brackets—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio
FLEXIBLE FLYER children's steering sleds—S. L. Allen & Co., 5th & Glenwood, Phila., Pa.
FLEXIBLE METALLIC interior conduits—Garland Mfg. Co., 1st National Bank bldg, Pittsburgh, Pa.
FLEXIBLE SUPPORT shaking screens—Link-Belt Co., 329 W. 39th, Chicago, Ill.
FLEXIFOLD rolling partitions—J. G. Wilson Corp., 8 W 40th, New York
FLEXI-POST loose leaf devices—Stationers' Loose Leaf Co., 346H Broadway, Milwaukee, Wis.
FLEXITALLIC metallic gaskets—Flexitallic Gasket Co., Camden, N. J.
FLEXITE flat belting—F. Raniville Co., Grand Rapids, Mich.
FLEXITE paints—Standard Paint Co., 233 Broadway, New York
FLEXITE sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FLEXITE BALATA belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FLEXNER nail sound-proof cushions & fireproof nailing courses—Flexner-Taylor Co., Ltd., 786 E. Broadway, S. Boston, Mass.
FLEXO aero radiators—Flexo Mfg. Co., 1312 E 12th, Los Angeles, Cal.
FLEXO automobile belts—Detroit Leather Works, 683H E Lafayette, Detroit, Mich.
FLEXO HAMMERED piston rims—Nilson Miller Co., Hoboken, N. J.
FLEXO incandescent gas mantles—Peerless Light Co., 663 W. Washington blvd, Chicago, Ill.
FLEXO plumbers' washers—Woodward Wanger Co., 1106 Spring Garden, Phila., Pa.
FLEXOLE belt dressing—E. N. Pike & Son, 93 Broad, Boston, Mass.
FLEXOTILE sanitary flooring—Flexotile Floor Co., Rockford, Ill.
FLEXOTYPE duplicators—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
FLEXSTEEL conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
FLEXTUBE non-metallic flexible conduit—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.
FLI-BAC weather strips & window screens—Fli-Bac Screen Corp., H Circle, Rochester, N. Y.
FLINT cement & wood fibre plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
FLINT EDGE axe & scythe—Kelly Axe Mfg. Co., Charleston, W. Va.
FLINT-O-LITE concrete hardeners & sanitary flooring—Frank D'Josup, 133 W. Washington, Chicago, Ill.
FLINT PRESSURE SCALE testing machines—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
FLINT-RIM sprocket wheels—Link-Belt Company, 300 W 39th, Chicago, Ill.
FLINTSTONE belting—Edward R. Ladew Co., 54 Franklin, New York
FLISCREEN window screens—H. C. Parlee & Co., 25 Haverhill, Boston, Mass.
FLODIN self-oiling wheels—Lake Shoe Engine Works, Marquette, Mich.
FLO-EZE ink—Ink Ribbon Mfg. Co., 635 Howard, San Francisco, Cal.
FLOORCOTE floor finish—Wm. Waterall & Co., Camden, N. J.
FLOORENITE floor finish—Atlantic Varnish Works, Inc., Richmond, Va.
FLOOR FLAT LAC floor finish—Emil Calman & Co., 100 William, New York
FLOORSTONA floor finish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
FLORA radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
FLORADORA insect guns—Thos. W. Houchin Co., 36 E. 12th, New York.
FLORAL steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.
FLORAL CITY hot air furnaces, steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.
FLORAN collar shaping machines & seam dampening machines—Chicago Laundry Machinery Co., 213 W. Grand, Chicago, Ill.
FLOREDOME tile floor steel—Truscon Steel Co., Youngstown, O.
FLORENCE oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.
FLORENCE pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
FLORENCE sewing machine—A. G. Mason Mfg. Co., St. Clair & E. 79th, Cleveland, Ohio
FLORENCE wagons—Florence Wagon Co., Florence, Ala.
FLORENTINE fresco colors—Devoe & Raynolds Co., 101 Fulton, New York

FLORENTINE hot water radiators—U. S. Radiator Corp., 133 E. Grand River, Detroit, Mich.
FLORENTINE SHELL PYRALINE toilet articles—The Arlington Works (E. I. du Pont de Nemours & Co.), Wilmington, Del.
FLORETYLE tile floor steel—Truscon Steel Co., Youngstown, O.
FLORIAN deadening felts—Bird & Son, East Walpole, Mass.
FLORIAN drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
FLORIDA mine car wheels—Lake Shore Engine Works, Marquette, Mich.
FLORIDIN Fuller's earth—Floridin Co., Warren, Pa.
FLOUR CITY kerosene tractors—Kinnard & Sons Mfg. Co., 44th av, N & Bryant, Minneapolis, Minn.
FLOWER electrical brush holders—D. B. Flower, 1217 Spring Garden, Philadelphia, Pa.
FLOWER valves—Stephens-Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
FLO-WHITE architectural enamel—Chicago Varnish Co., 2100 Elston av., Chicago, Ill.
FLOWKOTE white enamels—E. I. du Pont de Nemours & Co. (Paint & Varnish Sales Div.), Wilmington, Del.
FLUSH TOP cellar doors—A. Lucas & Sons, 1329 S. Washington, Peoria, Ill.
FLUTED-CATCH sockets & receptacles—General Electric Co., Schenectady, N. Y.
FLUXINE brazing compounds—Krembs & Co., 173 N. Green, Chicago, Ill.
FLUXTITE soldering flux, paste, sales & stick—Swan & Finch Co., 165 B'way, New York
FLYER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
FLYFOOT belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York
FLYING DUTCHMAN carving lathes—Valley City Machine Works, Grand Rapids, Mich.
FLYING DUTCHMAN cultivators, gang plows, planters, disc harrows, hay rakes, hay loaders, seeders & sowers—Moline Plow Co., Moline, Ill.
FLYING DUTCHMAN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
FLYING MERKEL bicycles & motor cycles—Miami Cycle & Mfg. Co., Middletown, Ohio
FLYING SWEDE portable grain elevators—O'Neil, T. L., Co., Marseilles, Ill.
FLYING YANKEE extension ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
FLY KING insecticides—G. E. Conkey Co., 3039 Woodland av, Cleveland, Ohio
FLYNN steam traps—B. F. Sturtevant Co., 15 Damon, Hyde Park, Boston, Mass.
FLY PIE poison fly killers—Craun Bros., Butler, Ind.
FOEN electric hair dryers—Sanax Co., 143 E 23rd, New York
FOGARTY-THOENS feed water regulators—James H. Fogarty, 126 Liberty, New York
FOIL cigarette packing machines—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
FOLDRIER cabinet folding wall cabinet clothes driers—Albion Wood & Metal Products Co., Albion, N. Y.
FOLEY band saw filing & setting machines—Wellman Products Co., 1444 E. 49th, Cleveland, Ohio.
FOLEY brass & cast iron cleanouts—Hays Mfg. Co., Erie, Pa.
FOLEY spray nozzles—Loeffelholz Co., Milwaukee, Wis.
FOLK bearing mandrels—Maryland Auto Products Corp., Hagerstown, Md.
FOLSOM steel ranges—C. G. Folsom Mfg. Co., South Bend, Ind.
FONTENELLE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
FOOT cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
FOOTE cherry stoners & stemming machines—Foote Bros. Gear & Machine Co., 210-220 N. Carpenter, Chicago, Ill.
FOOTE concrete mixers & friction drum hoists—Foote Co., Nunda, N. Y.
FORBES ground connection clamps—Cleverly Electrical Works, 17 N. 7th, Phila., Pa.
FORBES hot air furnaces—Tubular Heating & Ventilating Co., 228 Quarry, Philadelphia, Pa.
FORBES pipe cutting & threading machines—Curtis & Curtis Co., Bridgeport, Conn.
FORBES & MYERS electric motors & grinders—Forbes & Myers, 169 Union, Worcester, Mass.
FORCE power hammers—Central Machine Works Co., Minneapolis, Minn.
FORCITE explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
FORD automobile wrenches—Improved Gauge Mfg. Co., 105 Canal, Syracuse, N. Y.
FORD closets & drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
FORD ore concentrators—Union Iron Works Co., Kansas City, Mo.
FORD refrigerators—Alaska Refrigerator Co., Muskegon, Mich.
FORD tank valves—Thomas P. Ford Co., 407 Broome, New York
FORD vehicle washers—Nunn Brass Works, Rochester, N. Y.
FORD'S weather strips—Ford Mfg. Co., Holyoke, Mass.
FORD'S PYRAMID rubber roofing—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
FOREST log loaders—National Iron Co., Duluth, Minn.
FOREST CITY paint & varnish remover—Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio
FOREST CITY stoves—Fox Furnace Co., Elyria, O.
FOREST CITY wood bits—Forest City Bit & Tool Co., Rockford, Ill.
FOREST KING logging carts—Williams Mfg. Co., Macon, Ga.
FOREST RIVER white & red lead—Chadwick-Boston Lead Co., Boston, Mass.
FORKNER cultivators & harrows—Light Draft Harrow Co., Marshalltown, Ia.
FORMA-GERMKILL fumigators—Central City Chemical Co., 4250 N. Crawford av, Chicago, Ill.
FORMAN'S FAMOUS oak flooring—Thos. Forman Co., 121 Forman av, Detroit, Mich.
FORMICA commutator rings—Electric Service Co., 12th & Madison, Cincinnati, Ohio
FORMICA insulation shapes, washers & noiseless gears—Formica Insulation Co., 4614 Spring Grove av, Cincinnati, Ohio
FORSCHLER automobiles & motor trucks—Forschler Motor Truck Mfg. Co., 120H N Claibone, New Orleans, La.
FORSTER rock crushers—Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
FORSTNER auger bits—Progressive Mfg. Co., Torrington, Conn.
FORSTNER PAT'N auger special bits—A. L. Adams, Bridgeport, Conn.
FORSYTH braided hose & metallic packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FORSYTH HOLLOW SQUARE packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FORT ATKINSON ice cream freezers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
FORT CLYDE lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT DEARBORN lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT DOUGLASS lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.
FORT DUQUESNE belt dressing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
FORT ORANGE toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
FORT PITT liquid soap—Fort Pitt Chemical Co., 200 3134 Penn av, Pittsburgh, Pa.
FORT PITT packing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
FORT SHERIDAN lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT SMITH farm wagons—Fort Smith Wagon Co., Fort Smith, Ark.
FORT SNELLING lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORTUNA leather skiving machines—Fortuna Machine Co., 127 Duane, New York
FORTUNE combination, steam & hot water heaters & gas ranges—Abram Cox Stove Co., American & Dauphin, Phila., Pa.
FORT WAYNE rock & ore crushers—American Road Machinery Co., Kennett sq. Pa.
FORUM card tables—E. T. Burrows Co., Portland, Me.
FORUM lead pencils—American Lead Pencil Co., 220 5th av, New York
FOSCO puttyless skylights—F. O. Schoedinger, 142 N. 3rd, Columbus, O.
FOSDICK vertical drilling machines—Fosdick Machine Tool Co., Cincinnati, Ohio
FOSKET & BISHOP steam traps—Foskett & Bishop Co., New Haven, Conn.
FOSKETT plate scrapers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FOSSTON grain cleaners separators & ratchet wrenches—Fosston-Carpenter Co., St. Paul, Minn.
FOSTER cotton planters—S. R. White's Sons, Norfolk, Va.
FOSTER grate bars—Woburn Iron Foundry, Woburn, Mass.
FOSTER hollow set screws—New Haven Screw Co., 191 Foster, New Haven, Conn.
FOSTER pumping machinery—Foster Pump Works, Inc., 36 Bridge, Brooklyn, N. Y.
FOSTER rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
FOSTER shock absorbers—Gabriel Mfg. Co., 1407 E. 40th, Cleveland, Ohio
FOSTER steam superheaters—Power Specialty Co., 111 Broadway, New York
FOSTERLINK bed sprnigs—Foster Bros. Mfg. Co., Utica, N. Y.
FOSTORIA incandescent electric, Mazda & tungsten lamps—Fostoria Incandescent Lamp division of G. E. Co., Fostoria, Ohio
FOTO-KEM photographic chemicals—Bell & Gossett Co., 609H W 30th, Chicago, Ill.
FOULIS gas governors—Helme & McIlhenny, 1339 Cherry, Phila., Pa.
FOUNTAIN CITY grain drills—American Seeding Machine Co., Springfield, Ohio
FOUR ACE packing—Revere Rubber Co., Chelsea, Mass.
FOUR BROS. axle grease, oils, harness soap & roofing paints—Sinclair Refining Co., Albany, N. Y.
FOUR BURR corn & cob mills—Bovee Furnace Works, Waterloo, Ia.
400 SERIES steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
FOUR IN ONE air gauges—Precision Instrument Co. 21 Halsey, Newark, N. J.
4-IN-1 screw drivers—E. Edelmann & Co., 341 E Ohio, Chicago, Ill.
4-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.
FOUR STAR cement—Fort Scott Hydraulic Cement Co., Fort Scott, Kan.

FOUR WAY drain automatic valves—Monash-Younker Co., 551 W Monroe, Chicago, Ill.
FOWLER curtain rods — Wickwire Spencer Steel Corp., Worcester, Mass.
FOWLER furnace regulators—Frank E. Woodward & Co., 19 Friend, Boston, Mass.
FOWLER headlights, automobile burners, horns, lamps, storage batteries, wind shields—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
FOWLER sickle grinders—S. Cheney & Son, Manlius, N. Y.
FOX automobile steering wheel locks—A. H. Fox Gun Co., 4700 N 18th, Phila., Pa.
FOX corrugated furnaces—Continental Iron Works, West & Colyer, Brooklyn, N. Y.
FOX floor scraping machines—Fox Supply Co., Brooklyn, Wis.
FOX fuel oil burners—American Equipment Co., Norristown, Pa.
FOX square—Wiebusch & Hilger, 106 Lafayette, New York
FOX store trucks—Z. F. Fox & Son, Freeport, Mich.
FOX turret lathes—American Tool & Machine Co., 10 High, Boston, Mass.
FOX turret lathes—Springfield Mach. Tool Co., Springfield, Ohio
FOXBORO clocks, flow meters, gauges, speed indicators, time recorders & thermometers—Foxboro Company, Foxboro, Mass.
FOXPASTE dry powder—M. Ewing Fox Co., 241 E. 136th, New York
FOX PROOF guns—A. H. Fox Gun Co., 4700 N 18th, Phila., Pa.
FOX'S steel squares—Fred. G. Breul, Bridgeport, Conn.
FOX'S T squares—Challenge Cutlery Corporation, Bridgeport, Conn.
FOYER carbon paper, typewriter ribbons—Chas. A. Foyer & Co., 1104 Prospect av, Cleveland, Ohio
FRAHM frequency meters—James G. Biddle, 1211 Arch, Phila., Pa.
FRAIM automobile locks, padlocks & night—E. T. Fraim Lock Co., Lancaster, Pa.
FRALEY electric hand massage vibrators—Schunck & Ogg, 235 Canal, New York
FRANCE fibrous packing—France Packing Co., Tacony, Phila., Pa.
FRANCE metallic packing—France Packing Co., Inc., 6512 State rd, Phila., Pa.
FRANCES turbine water wheels—Platt Iron Works Co., Dayton, O.
FRANCIS blind fasteners—Stanley G. Flagg & Co., Morris bldg., Phila., Pa.
FRANCIS engraving machines—Warner Mfg. Co., 810 Citizens bldg., Cleveland, Ohio.
FRANCIS hydraulic turbines—S. Morgan Smith Co., York, Pa.
FRANCIS turbine water wheels—Camden Water Wheel Works, Camden, N. J.
FRANCIS turbine water wheels—I. P. Morris Co., Richmond & Norris, Phila., Pa.
FRANCO dry batteries—Interstate Electric Novelty Co., 104 S. 4th, New York
FRANCO incandescent lamp coloring—C. E. Franche & Co., 440 Orleans, Chicago, Ill.
FRANKFORT soldering iron heaters—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
FRANKLIN asbestos packing, pipe & boiler coverings, insulating paper, cements—Franklin Mfg. Co., Franklin, Pa.
FRANKLIN automobiles—H. H. Franklin Mfg. Co., 101 Marcellus, Syracuse, N. Y.
FRANKLIN ball joints, locomotive fire doors, cold water sprinkler, driving box brass & locomotive grate shakers. Franklin Ry Supply Co., 30 Church, New York
FRANKLIN batteries—Enterprise Electric Supply Co., Latrobe, Pa.
FRANKLIN battery zincs—Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio
FRANKLIN belting & rubber hose—Combination Rubber Mfg. Co., Bloomfield, N. J.
FRANKLIN blue print paper, drying & washing machines—Williams, Brown & Earle, 916 Chestnut, Phila., Pa.
FRANKLIN carbureters—Franklin Oil & Gas Co., Bedford, Ohio
FRANKLIN cotton hose—Mechanical Rubber Co., 73 Reade, New York
FRANKLIN cranes—Franklin Portable Crane & Hoist Co., Franklin, Pa.
FRANKLIN gaggers—Franklin Core Rod & Gagger Co., Franklin, Pa.
FRANKLIN gasoline blow torches—Turner Brass Works, Sycamore, Ill.
FRANKLIN grease traps—R. Estabrook's Sons, 202 1st, Boston, Mass.
FRANKLIN hatchets—Griffith Tool Co., 521 Market, Phila., Pa.
FRANKLIN picture hooks—Parker Wire Goods Co., Worcester, Mass.
FRANKLIN spelter—New Jersey Zinc Co., 160 Front, New York
FRANKLIN tipping machines—Franklin Machine Co., 1 Park, Providence, R. I.
FRANKLIN trolley wheels—Benedict & Burnham Branch, Waterbury, Conn.
FRANKLIN valve grinders—Franklin Machine & Tool Co., Inc., 61 Franklin, Springfield, Mass.
FRANKLIN woven wire fence stretchers—Smith Hardware & Mfg. Co., De Kalb, Ill.
FRANKLIN MAZDA incandescent elect. lamps—Franklin Incandescent Lamp Wks. of Westinghouse Lamp Co., Hartford, Conn.
FRANTZ PREMIER vacuum cleaners—Electric Vacuum Cleaner Co., Ivanhoe rd, Cleveland, Ohio
FRASER cheese presses—D. H. Burrell & Co., Little Fall, N. Y.
FRASER molder's clamps, rapping plates, pattern lifting screws, dowel pins & dowels—Federal Malleable Co., West Allis, Wis.
FRAY'S screw driver bits—John S. Fray Co., Bridgeport, Conn.
FRAZER lubricating oils & greases & harness soap—Frazer Lubricator Co., 3921 Normal, Chicago, Ill.
FRAZER-ADAMS marine engines—Frazer Bros. Co., Adams, N. Y.
FRAZERIED soldering paste—Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
FRAZER'S pipe joint cements—Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.
FRAZIER package handles—Tie Co., Unadilla, N. Y.
FREAS electric incubators & ovens—Eimer & Amend, 205 3rd av, New York
FRECO electric bells—Russell Electric Co., Danbury, Conn.
FREDONIA cement—Fredonia Portland Cement Co., Fredonia, Kan.
FREE sewing machines—Free Sewing Mach. Co., Rockford, Ill.
FREE SPOOL metal fishing reels—General Phonograph Corp., 25 W. 45th, New York
FREE-WESTINGHOUSE family sewing machines—Free Sewing Machine Co., Rockford, Ill.
FREED steam & hot water heaters—Freed Heater Co., Collegeville, Pa.
FREELAND farm boilers—Freeland Steel Tank Co., Portage, Wis.
FREELAND steel corn cribs—Iron Crib & Bin Co., Wooster, Ohio
FREEMAN bone mills—Freeman Mfg. Co., Racine, Wis.
FREEMAN labels—Freeman Leon, 404 S Wells, Chicago, Ill.
FREEMAN steam hoists—United Iron Works Inc., Kansas City, Mo.
FREEPORT blow-off valves—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
FREEPORT mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.
FREEPORT wagons—Moline Plow Co., Moline, Ill.
FREEZE-NO-MORE anti-freezing compounds—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
FREMONT hot air furnaces—Niagara Falls Furnace Co., Niagara Falls, N. Y.
FRENCH egg & cream beaters—Wickwire Spencer Steel Corp., Worcester, Mass.
FRENCH fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.
FRENCH metal polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.
FRENCH pipe cutting machines & lead joint removers—A. P. Smith Mfg. Co., East Orange, N. J.
FRENCH AMERICAN rat traps—Edw. Darby & Sons Co., 412 N. 18th, Phila., Pa.
FRENCH CAEN STONE FINISH brick & concrete paints—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
FRENCH GLOSS shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
FRENCH'S adjustable taps—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
FRENCH'S cements, paints, enamels—Samuel H. French & Co., 4th & Callowhill, Phila., Pa.
FRESH WORK cigar machinery—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
FRES-KO-KOTE kalsomine—Manhattan Color Works, 1035 Kelly, New York
FRESNO drag road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
FRESNO pruning shears—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
FREYER automobile wheels—Phelps Mfg. Co., Columbus, Ohio
FRIBERY milk strainers—Sanitary Strainer Co., Maiden Rock, Wis.
FRICK self winding clocks—Landis Engng. & Mfg. Co., Waynesboro, Pa.
FRICK 12-25 kerosene tractors—Frick Co., Waynesboro, Pa.
FRICK ECONOMY babbitt metal—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
FRICTION CLAD belting—Quaker City Rubber Co., 629 Market, Phila., Pa.
FRIEDMANN boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
FRIEDSTEDT interlocking channel bar piling—Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
FRIGIDOMETERS marine ice detectors—McNab Co., Bridgeport, Conn.
FRINK pyrometers—Frink Pyrometer Co., Lancaster, Ohio
FRINK reflectors—I. P. Frink, Inc., 10th av & 24th, New York
FRISBIE friction clutches—Eastern Machinery Co., New Haven, Conn.
FRISCO STANDARD gas, gasoline & kerosene engines—Standard Gas Engine Co., Oakland, Cal.
FROG scrubbing brushes—Standard Brush Co., New Hartford, Conn.
FRONT ranks hot air furnaces—Haynes-Langenberg Mfg. Co., 4045 Forest Park blvd., St. Louis, Mo.
FROST ball cocks & flushing valves—Frost Mfg. Co., Kenosha, Wis.
FROST friction clutches & feed water heaters—Frost Mfg. Co., Galesburg, Ill.
FROSTBURG miners' safety lamps—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
FROST KING gas & gasoline engines—John Lauson Mfg. Co., New Holstein, Wis.
FROST KING ice cream freezers—Richmond Cedar Works, Fulton, Richmond, Va.
FROSTO anti-freezing water closets—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.

FROST'S cupboard catches—Hardware Supply Co., Grand Rapids, Mich.
FROTTEURS worsted drawing frames—Franklin Mach. Co., 1 Park, Providence, R. I.
FRUGAL gas sad irons—American Pressing Iron Co., 48 E. 8th, New York
FRUIN-TOBIN horseshoes—Fruin Drop Forge Co., 347 Root, Chicago, Ill.
FRUITALL spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
FRUIT OF THE LOOM cotton sheeting—Hebron Mfg. Co., 21 S. Main, Providence, R. I.
FRUIT PICKER extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
FRY'S adjustable draughting tables—Fritz Mfg. Co., Grand Rapids, Mich.
FUEL-ITE dynamite—Grasselli Powder Co., Guardan bldg, Cleveland, Ohio
FUELSAVER furnace regulators—F. D. Kees Mfg. Co., Beatrice, Neb.
FULCA sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
FULCO coal miners' tools, picks, hatchets, spike bars, etc.—Fulton Tool Works, Huntington, W. Va.
FULFLO oil pump lubricators—Cincinnati Lubricant Pump Co., Blanchester, Ohio
FULLER automobile trunks—G. W. Fuller Co., Hartford, Conn.
FULLER harrow carts—Madison Plow Co., Milwaukee, Wis.
FULLER-LEHIGH ball mills & pulverizers—Fuller-Lehigh Co., Fullerton, Pa.
FULLER & JOHNSON harrow carts—Madison Plow Co., Madison, Wis.
FULLER'S wall paper cleaners, cold water paste & scaffold builders—H. B. Fuller Co., 188 W 3rd, St. Paul, Minn.
FULLER'S BARNACLE paper hangers' & painters' size—H. B. Fuller Co., 188 W 3rd, St. Paul, Minn.
FULLMAN beam electric straps, lock-nuts & washers, brass bushings, conduit benders, outlet boxes—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
FULLNER water filters—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.
FULMER roof snow guards—J. H. Fulmer, Nazareth, Pa.
FULTON hack saw blades—Montgomery & Co., 105 Fulton, New York
FULTON pump governors & pressure regulators—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
FULTON pumps & vises—Fulton Machine & Vise Co., Lowville, N. Y.
FULTON shotguns—Hunter Arms Co., Fulton, N. Y.
FUMOTH flour moth destroyers—F. A. Thompson & Co., 532 Trombley av, Detroit, Mich.
FURBUSH cotton pickers, balling machines, beamers, bobbin winders, cotton batting machinery, mules, doffer combs, spoolers—Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
FURNITURE CITY refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
FURNOIL floor polish—American Chemical & Mining Co., Atlanta, Ga.
FURSTADE folding cots—Peoria Auto-Kot Co., Peoria, Ill.
FUSWITCH fuse switches—W. N. Matthews & Bro. Co., 2922 Easton av, St. Louis, Mo.
FYBEROID insulating paper—Wilmington Fibre Specialty Co., Ford bldg., Wilmington, Del.
G hack saw blades—Goodell Pratt Co., Greenfield, Mass.
G.-A. ball bearings—G. A. Ball Bearing Mfg. Co., 3051 W Lake, Chicago, Ill.
G. B. soldering iron heaters—G. Bickelhaupt Skylight Works, 722 11th av, New York
G. B. valve reseating tools—G. B. Garage & Mfg. Co., Hempstead, N. Y.
G. B. & S. gasoline engines—Golden, Belknap & Swartz Co., 5432 Grand River av, Detroit, Mich.
G. E. Mazda lamps—General Incandescent Lamp Works of G. E. Co., Electric bldg, Cleveland, Ohio
G-E-M steel shipping barrels—Pressed Steel Products Co., Sharon, Pa.
G. F. ALL STEEL desks, filing cabinets, bank fixtures, library shelves, plasterer's corner beads & safes—General Fireproofing Co., Youngstown, Ohio.
G. F. E. hose valves—General Fire Extinguisher Co., Providence, R. I.
G. G. G. hame fasteners—G. G. G. Metal Stamping Co., Warren, Pa.
G. H.—manganese steel tongue switches, tracks & street railway switches—Wm. J. Wharton & Co., Inc., Easton, Penna.
G-K sewer joint compounds—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.
G. M. C. motor trucks—General Motor Truck Co., Pontiac, Mich.
G. N. S. Flotation oils—General Naval Stores Co., Inc., 90 West, New York
G.-P. tire air pumps—Gleason-Peters Air Pump Co., 384 Classon av, Brooklyn, N. Y.
G. P. universal joints—Gem Mfg. Co., Goebel, nr. Fulton, N. S., Pittsburgh, Pa.
G. P. 777 hack saw blades—Goodell-Pratt Co., Greenfield, Mass.
G. P. 888 hack saw blades—Goodell-Pratt Co., Greenfield, Mass.
G. P. & F. automatic accident preventers for machy., presses—Geuder, Paeschke & Frey Co., 1314 St. Paul av, Milwaukee, Wis.
G. R. instantaneous heaters—Griscom-Russell Co., 92 West, New York
G. R. oil strainers—Griscom-Russell Co., 92 West, New York
G. R. S. block system signals, clothes washing machy. & electric motors—General Railway Signal Co., Rochester, N. Y.
G.-S. combination drill & milling mach. vises—Gersnonow Simon Machine Wks., 58 Mill, Rochester, N. Y.
G. S. plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
G. T. D. countershafts, countersinks, dies, gauges, die heads, hobs, holders, machinery, machines, screw plates, reamers, stocks, tap wrenches, taper, taps & dies, tools, wrenches—Greenfield Tap & Die Corp., Greenfield, Mass.
G-V tower wagons—General Vehicle Co., Long Island City, N. Y.
G. V. universal conduit couplings, ground connection clamps & junction boxes — Gillette-Vibber Co., New London, Conn.
G. W. cement—Great Western Portland Cement Co., Kansas City, Mo.
G. W. metal polish—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
G. W. K. ring & spiral packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
G. & G. ash can hoists—Gillis & Geoghean, 537 W. B'way, New York
G. & J. rubber tires—G. & J. Tire Co., Indianapolis, Ind.
G. & K. belting, leather shafting rings—Grafton & Knight Mfg. Co., Worcester, Mass.
G. & L. wood trimming machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
G. & R. gun cleaning rods—G. G. Rupert, Decatur, Ill.
G. & S. neverbreak automobile tire trunks—L. Goldsmith & Son, Cherry, Newark, N. J.
G. & W. potheads & sleeves—G. & W. Electric Specialty Co., 6308 W. Washington, Chicago, Ill.
GABLE water heaters—McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
GABRIEL concrete reinforcing materials — Gabriel Reinforcement Co., Penobscot bldg., Detroit, Mich.
GABRIEL wind shield cleaners—Gabriel Mfg. Co., 1407 E 40th, Cleveland, Ohio
GACO gauges, gauge cocks, exhaust heads, roof ventilators—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
GADE farm gates—Gade Bros. Mfg. Co., Iowa Falls, Ia.
GAGE carpenters' gauges—Gage Tool Co., Vineland, N. J.
GAGE planes, iron & wood—Stanley Rule & Level Plant, New Britain, Conn.
GAILOR rail joints—Rail Welding & Bonding Co. of Amer., 2400 Woodland av, Cleveland, Ohio
GAINADAY electric washer & wringer—Pittsburgh Gauge & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
GAINES locomotive furnaces—American Arch Co., 30 Church, New York
GALE agricultural tools—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
GALE barn ventilators—Galesburg Sheet Metal Works, Galesburg, Ill.
GALE beet cultivators, beet pullers, gang plows, bean harvester attachments—Gale Mfg. Co., Albion, Mich.
GALE propeller wheels—Hyde Windlass Co., Bath, Me.
GALE-BALDWIN ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
GALENA animal pokes—Hughes & Smythe, Galena, Ohio
GALENA signal oils—Galena-Signal Oil Co., Franklin, Pa.
GALESBURG broom corn cleaners, scrapers & baking broom corn presses—Shaw, Walsh & Co., Galesburg, Ill.
GALESBURG stalk cutters—Galesburg Coulter Disc Co., Galesburg, Ill.
GAL-FAR medical batteries—Leon W. Pullen Co., 618 Chestnut, Philadelphia, Pa.
GALION road machines & graders — Galion Iron Works & Mfg. Co., Galion, Ohio
GALL-CURE horse collar pads—Gall Cure Collar Pad Co., Richmond, Ind.
GALLERY RIFLE POWDER NO. 75—du Pont de Nemours & Co., E. I., Wilmington, Del.
GALLOWAY gasoline blow torches—Otto Bernz, 17-37 Ashland, Newark, N. J.
GALLOWAY gasoline engines—Wm. Galloway, Waterloo, Iowa
GALLY printing machinery—National Machine Co., Hartford, Conn.
GALUSHA ab. gas producers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
GALVA steam & hot water heaters—Galva Heater Co., Galva, Ill.
GALVADUCT interior conduits—Garland Mfg. Co., 1st National Bank bldg., Pittsburgh, Pa.
GALVANITE electro galvanized conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.
GAL-VA-NITE roofing & sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
GALVANIZED garbage pails — Dover Stamping & Mfg. Co., Cambridge, Mass.
GALVANIZED STEEL & OHIO METAL roll tin valleys—Whitaker-Glessner Co., Wheeling, W. Va.
GALVANO stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
GAMBIER boiler compounds—A. G. Belden, 29 Burling slip, New York
GAME oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio
GAME JUNIOR oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio

GAMO TRIPLEX orchard pumps—Orchard Machinery Mfg. Co., Gasport, N. Y.
GANDY belting & belt dressing—Gandy Belting Co., 740 W. Pratt, Baltimore, Md.
GANT rope meter—E. M. Gant Mfg. Co., Inc., Ethridge, Tenn.
GAPHO foundry facings—Pure Carbon Co., Wellsville, N. Y.
GAPP locomotive sanders—American Safety Lamp & Supply Co., Scranton, Pa.
GARCO packing, gaskets, brake lining—General Asbestos & Rubber Co., Charleston, S. C.
GARCO WATERPROOF packing—General Asbestos & Rubber Co., Charleston, S. C.
GARDENER bucket spraying pumps—W. & B. Douglas, Middletown, Conn.
GARDENER'S CHOICE cart springs—Deming Co., Salem, Ohio
GARDEN KING garden cultivators—Thornburg Mfg. Co., Bowling Green, Ohio
GARDNER bung hole bushings—Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, Ohio
GARDNER disc grinders, abrasive discs, magnetic chucks & band polishing wheels—Gardner Machine Co., Beloit, Wis.
GARDNER egg crates—New England Box Co., Greenfield, Mass.
GARDNER sand papering machines—Gardner Machine Works, Gardner, Mass.
GARDNER sash ribbon—Gardner Sash Pulley Co., 15 N. Jefferson, Chicago, Ill.
GARDNER steam separators—Gardner Governor Co., 14 Williamson, Quincy, Ill.
GARDNER VISIBLE carbureters—Gardner Carbureter & Brass Works, Shreveport, La.
GARFIELD injectors—Ohio Injector Co., Wadsworth, Ohio
GARFIELD KNAPSACK sprayer pumps—Field Force Pump Co.
GARFORD MODEL E. phonographs—General Phonograph Mfg. Co., Elyria, Ohio
GARGOYLE lubricating oils & greases—Vacuum Oil Co., Rochester, N. Y.
GARILLES carbureters—Bowen Corp., Detroit, Mich.
GARIS-COCHRANE dish washing machines—Bromley-Merseles Mfg. Co., 1328 B'way, New York.
GARLAND car ventilators—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
GARLAND car ventilators—Holden & White, 343 S Dearborn, Chicago, Ill.
GARLAND car ventilators—Ross Wortham Co., McCormick bldg., Chicago, Ill.
GARLAND stoves, hot air furnaces, water heaters—Michigan Stove Co., Adair & Jefferson, Detroit, Mich.
GARLOCK packing—Garlock Packing Co., Palmyra, N. Y.
GARNET air & water hose—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
GARRATT pumps & marine valves—W. T. Garratt & Co., 299 Fremont, San Francisco, Cal.
GARRETT feed water heaters & oil separators—W. D. Garrett & Co., 126 Liberty, New York
GARRETT'S auger bit gauges—Bonney Forge & Tool Works, Allentown, Pa.
GARRETT'S auger bit gauges—Bonney Vise & Tool Works, Allentown, Pa.
GARRISON plumping specialties—Garrison Brass & Machine Works, 107 W. 13th, New York
GARTON trolley wheels—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
GARTON-DANIELS automatoneers, choke coils & lightning arresters—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
GARVIE cleanout ferrules—Peck Bros. & Co., New Haven, Conn.
GARWOOD bench legs—C. M. B. Wrench Co., Garwood, N. J.
GARWOOD gas arc lamps—Garwood Gas Lamp & Heater Co., Canton, Ohio
GASCO packing—Gasket Supply Co., 1729 Ludlow, Phila., Pa.
GASO-KERO gas engines—Bessemer Gas Engine Co., Grove City, Pa.
GASAVER incandescent gas mantles—F. A. Smith Mfg. Co., Rochester, N. Y.
GASMACO gas plant apparatus—Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio
GASOLINE-AIR rock drills—Ingersoll-Rand Co., 11 Broadway, New York
GATES rock crushers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
GATLING tire air pumps—Lake Erie Mfg. Co., Buffalo, N. Y.
GATO plug valves—A. W. Cadman Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
GAUGE split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
GAY screw drivers—Geo. E. Gay, Augusta, Me.
GAYLORD plow coulters—Galesburg Coulter Disc Co., Galesburg, Ill.
GAZELLE vehicle axles—Burgess-Norton Mfg. Co., Geneva, Ill.
GEALY pipe wrenches—Walworth Mfg. Co., Boston, Mass.
GEAR-SCOTT grain weighers, clod crushers, clover hullers, separators, portable saw mills, threshers, traction engines & straw stackers—Leo Rumeley Tractor Co., La Porte, Ind.
GEAR-SCOTT traction engines—Advance-Rumely Co., La Porte, Ind.
GEARY water tube boilers—Oil City Boiler Works, Oil City, Pa.
GECO pneumatic ash handling systems—Green Engineering Co., East Chicago, Ind.
GEDDES ventilators—Joseph Geddes, Rochester, N. Y.
GEE saw benches—Chas. E. Gee, Lowell, Mass.
GEE HAW horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
GEE WHIZ alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
GEHL farm boilers—Gehl Bros. Mfg. Co., West Bend, Wis.
GEIER straightening presses—P. A. Geier Co., Cleveland, Ohio
GEISER check valves—Long Grate Bar Co., Buffalo, N. Y.
GEISER PEERLESS hay presses, threshers, portable sawing mills & rigs, self feeders, straw stackers—Emerson-Brantingham Co., Rockford, Ill.
GEISEY'S casement window hinges—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
GELSER reinforced concrete pipe—L. S. Gelser & Son, Fillmore, N. Y.
GELSONITE asphalt cements—Certain-teed Products Co., Boatmans Bank bldg, St. Louis, Mo.
GEM adding machines—Automatic Adding Machine Co., 148 Duane, New York
GEM air valves, lawn sprinklers, stamping works & hose & spray nozzles—Beaton & Caldwell Mfg. Co., New Britain, Conn.
GEM apple corers—National Enameling & Stamping Co., 411 5th av, New York
GEM asbestos protected metal roofing—Moeschl-Edwards Corrugating Co., Covington, Ky.
GEM barrels covers—M. H. Parks & Co., Winchendon, Mass.
GEM boiler flue & tube cleaners, flexible shaft drills, grinders, oilers, oil cans, torches—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
GEM box trucks—Andrew Plocher Sons Co., Dayton, Ohio
GEM cable grips—Norris Electric Specialties Co., 126 Liberty, New York
GEM carpet beaters—Standard Wire Co., New Castle, Pa.
GEM chimney caps, concrete finishing tools—Kramer Bros. Foundry Co., Dayton, O.
GEM clamp spindles—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
GEM clothes line fasteners—Geo. H. Noll, 27 Crescent, Brooklyn, N. Y.
GEM clover cutters—Wilson Bros., Easton, Pa.
GEM cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
GEM ash sifters, aluminum coffee pots, automobile mufflers, gauges & milk bottle caps—Gem Stamped Steel Co., Chelsea, Mass.
GEM door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
GEM door & window bolts—Sargent & Greenleaf, Inc., Rochester, N. Y.
GEM feed cutters—Wilson Bros., Easton, Pa.
GEM finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
GEM flour sifters—J. L. Clark Mfg. Co., Rockford, Ill.
GEM fly swatters—J. B. Timberlake & Sons, Jackson, Mich.
GEM food choppers—Sargent & Co., New Haven, Conn.
GEM fountain pens—Standard & Vulcanite Pen Co., 752 Lexington av, Brooklyn, N. Y.
GEM garden cultivators—Moore Plow & Implement Co., Greenville, Mich.
GEM garden cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
GEM gas ranges—Dangler Stove Co., 5017 Perkins av, Cleveland, Ohio
GEM gas soldering furnaces—Burgess Soldering Furnace Co., Columbus, Ohio
GEM gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.
GEM grass hooks—Wallingford Mfg. Co., Wallingford, Vt.
GEM grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GEM hay presses—Geo. Ertel Co., Quincy, Ill.
GEM hinges, springs, door pulls—Columbian Hardware Co., Cleveland, Ohio
GEM hose nozzles—Crane Co., Bridgeport, Conn.
GEM hot air furnaces—Robinson Furnace Co., 205 W. Lake, Chicago, Ill.
GEM hot air furnaces & fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
GEM ice cream freezers & ice shavers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
GEM ice cube cutting machines—Reinhold Mfg. Co., 139 Beaubien, Detroit, Mich.
GEM kettle bottoms—Hamblin & Russell Mfg. Co., Worcester, Mass.
GEM lamp chimney heaters, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
GEM lamp cord adjusters—M. B. Austin & Co., 706 W. Jackson blvd, Chicago, Ill.
GEM mitre boxes—Geo. E. Gay, Augusta, Me.
GEM mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.
GEM nail pullers—Page Storms Drop Forge Co., Chicopee, Mass.
GEM nutmeg graters—Caldwell Mfg. Co., Rochester, N. Y.
GEM oil burner—H. A. Gretter, Frankfort, Ky.
GEM paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
GEM paper clips—Noesting Pin Ticket Co., Inc., Mt. Vernon, N. Y.
GEM pencil sharpeners—F. H. Cook & Co., Leominster, Mass.
GEM postal scales—Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.
GEM pot scrapers—Browne & Dowd Mfg. Co., Meriden, Conn.
GEM pumps—Geo. J. Roberts Co., Dayton, O.

GEM safety razors—Gem Cutlery Co., 11th av & 25th, New York
GEM shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
GEM shoe holder shiners—Piqua Bracket Co., Piqua, Ohio
GEM sink brushes—Universal Brush Co., 181 Quincy, Chicago, Ill.
GEM soldering sets—Millers Falls Co., 28 Warren, New York
GEM stair carpet fasteners—Pressed Steel Mfg. Co., Land Title bldg., Phila., Pa.
GEM steel ranges—Toledo Stove & Range Co., Toledo, Ohio
GEM stove & truck casters—M. B. Schenck Co., Meriden, Coon. see the Bossick Co., Bridgeport, Conn.
GEM vises—Yost Mfg. Co., Meadville, Pa.
GEM washing machines—Grinnell Washing Machine Co., Grinnell, Ia.
GEM water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
GEM water heaters—Abendroth Bros., Port Chester, N. Y.
GEM water heaters—Fredolin Schifferle, 1206 S. B'way, St. Louis, Mo.
GEM water heaters, latches, rural mail boxes—Peck, C. A. Hdw. Co., Berlin, Wis.
GEM wheel garden hoes—Bateman Mfg. Co., Grenloch, N. J.
GEM wire holders—Fletcher Mfg. Co., Dayton, Ohio
GEMCO automobile jacks, bumpers, tire holders, wind shields, tire tools, robe & foot rails—Gemco Mfg. Co., Milwaukee, Wis.
GEM NO. 4 valves—Beaton & Caldwell Mfg. Co., New Britain, Conn.
GEM TORRID steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
GENASCO asphalt roofing, asphalt fillers & insulite paper—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
GENDRON children's carriages, doll vehicles, invalid chairs & bicycles—Gendron Wheel Co., Toledo, Ohio.
GENERAL bolster springs—Racine General Mfg. Co., Racine, Wis.
GENERAL rubber tires—General Tire & Rubber Co., Akron, Ohio
GENESCO paint oils—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
GENESCO paint oils—Holden & White, 343 S Dearborn, Chicago, Ill.
GENESEE lawn mowers—Mathews & Boucher, 26H Exchange, Rochester, N. Y.
GENESEE reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
GENESEE water closets—Nunn Brass Works, Rochester, N. Y.
GENESEE VALLEY bluestone producers—American Blue Stone Co., Warshaw, N. Y.
GENEVA feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
GENEVA 600 screen door hinges—Champion Hardware Co., Geneva, Ohio
GENEVA ADAPTO farm tractors—Geneva Tractor Co., Geneva, O.
GENEVA SECURITY metal wheels—Geneva Metal Wheel Co., Geneva, Ohio
GENSCO oil stop—General Screw Co., Cincinnati, O.
GENTRY electric massage vibrators—Snelton Electric Co., 30 E. 42nd, New York
GENUINE babbitt metal—Atkinson Co., Rochester, N. Y.
GENUINE babbitt metal—Pittsburgh White Metal Co., 3116H Penn av, Pittsburgh, Pa.
GENUINE lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
GENUINE oxide of iron—Prince's Metallic Paint Co., Allentown, Pa.
GENUINE ARMSTRONG stocks & dies—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
GENUINE HUNTINGTON emery wheel dressers—Chicago Screw Co., Homan av & Fillmore, Chicago, Ill.
GENUINE HUNTINGTON emery wheel dressers—Detroit Screw Works, 348 Franklin, Detroit, Mich.
GENUINE KANAWHA salt—J. Q. Dickinson & Co., Malden, W. Va.
GENUINE NEY hay carriers—Ney Mfg. Co., Canton, Ohio
GENUINE PHILA. lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
GENUINE SQUIRES steam traps—C. E. Squires Co., 3934 Kelly av, Cleveland, O.
GEOMETRIC adjustable taps, screw cutting tools & dies—Geometric Tool Co., New Haven, Conn.
GEORGE window sash & window sash pivots—International Window Mfg. Co., 2007 W. Allegheny av, Phila., Pa.
GEO. WASHINGTON wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GEORGIA fertilizer distributors—Southern Plow Co., Columbus, Ga.
GEORGIA tank valves—Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
GEORGIA RATCHET plow stocks—S. R. White's Sons, Norfolk, Va.
GERAORDTS fire-proof floors—Sanitary Fire Proofing & Contracting Co., 509 W. 174th, New York
GERLACH saw gummers—Peter Gerlach Co., 1712 Winter, Cleveland, Ohio
GERMAN hot air furnaces—Gem City Stove Mfg. Co., Quincy, Ill.
GERMAN-COMPOUND boiler compounds—German-Compound Co., 20 N. Market, Boston, Mass.
GERMANIA cement—H. Marquardt & Co., 35 S. William, New York
GERMAN STYLE thumb tacks—Hoge Mfg. Co., 45 John, New York
GERMANTOWN lamp black—L. Martin Co., 81 Fulton, New York
GERMPROOF telephone mouthpieces—American Electric Co., 6401 S. State, Chicago, Ill.
GERSTNER tool cases—H. Gerstner & Sons, Dayton, Ohio
GERTUDE blast furnaces—Northwestern Iron Co., 1st National Bank bldg, Milwaukee, Wis.
GERTRUDE pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
GESCO asbestos gaskets, bottle caps, paper clips, glass jars, skewers, stoppers & spring cotters—Gem Stopper Co., 2120 Nicholas, Phila., Pa.
GETSUM fly swatter—Wilson-Hurd Co., Wausau, Wis.
GEYER propeller wheels—Marine Hardware Co., Peabody, Mass.
GEYSER bidets—J. L. Mott Iron Works, Trenton, N. J.
GEYSER electric water heaters—Aqua Electric Heater Co., Bridgeport, Conn.
GEYSER fire hose—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
GEYSER steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
GIANT ash & garbage cans—Central Stamping Co., 174 Fulton, New York
GIANT belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York
GIANT breast & chain drills—Goodell-Pratt Co., Greenfield, Mass.
GIANT bull dog presses & seals—Keystone Seal & Press Co., 30 Main, Brooklyn, N. Y.
GIANT car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.
GIANT cement—Giant Portland Cement Co., Penna. bldg., Philadelphia, Pa.
GIANT confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.
GIANT dies—Pratt & Whitney Co., Hartford, Conn.
GIANT door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
GIANT door hangers, barn door rails—F. E. Myers & Bro., 900 4th, Ashland, O.
GIANT electric car brakes—Lord Mfg. Co., 105 W. 40th, New York
GIANT feed grinding mills & sweep horse powers—Frank Hamachek, Kewaunee, Wis.
GIANT fuel oil engines—Chicago Pneumatic Tool Co., 6 E. 44th, New York
GIANT hoes—American Fork & Hoe Co., Swetland bldg., Cleveland, O.
GIANT insulating paper—Standard Paint Co., 233 Broadway, New York
GIANT key-seating machines—Mitts & Merrill, Saginaw, Mich.
GIANT ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
GIANT lever & throttle valves—Wm. Powell Co., Cincinnati, Ohio
GIANT lubricators — Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
GIANT nail pullers, drill chucks & handle tack claws—Smith & Hemenway Co., Inc., 261 B'way, New York; Coit, Irvington, N. J.
GIANT machine belt fasteners—Mfrs. Belt Hook Co., 1321 W. Congress, Chicago, Ill.
GIANT packing & rubber hose—Revere Rubber Co., Chelsea, Mass.
GIANT padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
GIANT padlocks & sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.
GIANT plastering fibre—Fernald Co., 248 Tehama, San Francisco, Cal.
GIANT plows—Collins Plow Co., Quincy, Ill.
GIANT rail benders—Handlan-Buck Mfg. Co., 210 N. 3rd, St. Louis, Mo.
GIANT ratchet drills—Keystone Mfg. Co., 41 Chandler, Buffalo, N. Y.
GIANT rawhide belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
GIANT roller bearings, caners viner feeding machinery—A. T. Ferrell & Co., Saginaw, Mich.
GIANT self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
GIANT under reamers—Vulcan Iron & Steel Works, 1590 N. Main, Los Angeles, Cal.
GIANT wire stretchers—Richards-Wilcox Mfg. Co., Aurora, Ill.
GIANT GRIP horse shoes, drive calks—Giant Grip Horse Shoe Co., Oshkosh, Wis.
GIANT water coolers—Everson Filter Co., 70 W. Lake, Chicago, Ill.
GIANT, JR., two-step folding step ladders—Albion Wood & Metal Products Co., Inc., Albion, N. Y.
GIANT RED CRESCENT packing—Revere Rubber Co., Chelsea, Mass.
GIANT SIMPLEX spray nozzle—Deming Co., Salem, Ohio
GIANT TORRID steam heaters, steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
GIANT WONDER disc sharpeners—A. E. Durner, Evansville, Wis.
GIBBS post hole diggers—Gibbs Mfg. Co., Canton, Ohio
GIBBS lawn rakes—G. A. Swineford Co., Canton, Ohio
GIBBS spray nozzle—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
GIBBS trailer connectors & flush plugs—Loeffelholz Co., Milwaukee, Wis.
GIBERT'S lumber—W. H. Norris Lumber Co., Houston, Tex.

GIBRALTAR cement—Newaygo Portland Cement Co., Grand Rapids, Mich.
GIBRALTAR drop forgings, chisels, nail pullers, pliers & nippers, tool sets & wrenches—Forged Products Co., Conway bldg., Chicago, Ill.
GIBRALTAR high speed steel & music—H. Boker & Co., Inc., 101 Duane, New York
GIBRALTAR insulating cloth & tape—M. W. Dunton Co., 150 Niagara, Providence, R. I.
GIBRALTAR night latches—Huber Mfg. Co., 417 E. 93d, New York
GIBRALTAR putty powder—H. B. Fuller Co., 188 W. 3rd, St. Paul, Minn.
GIBRALTAR rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
GIBRALTER automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.
GIBRALTER scales—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
GIBSON coal entry drivers—Ingersoll-Rand Co., 11 Broadway, New York
GIBSON'S guy grippers—Jas. H. Channon Mfg Co., 227 W. Erie, Chicago, Ill.
GIBSON'S soap polish—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
GICO tungsten lamps—General Illuminating Co., 47 Green, New York
GIDDING'S dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
GIES gears—Gies Gear Co., Boydell bldg, Detroit, Mich.
GIESEY'S window sash pivots—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
GIFORD'S paring knives—Boker Cutlery & Hardware Co., 101 Duane, New York
GIFFORD air compressors—Gifford Engine Co., Lansing, Mich.
GILBERT alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn
GILBERT automobile tire holders & crank handle handles & tire covers—Gilbert Mfg. Co., New Haven, Conn.
GILBERT educational toys—A. C. Gilbert Co., New Haven, Conn.
GILBERT stylographic fountain pens—Wayne Specialty Co., Ft. Wayne, Ind.
GILBERT tin plate—Follansbee Bros. Co., 3d & Liberty, Pittsburgh, Pa.
GILBERT wood split pulleys—Saginaw Mfg. Co., Saginaw, Mich.
GILBERT & BARKER gas furnaces, fuel oil burners, fuel oil pumps & tanks, self-measuring oil pumps, storage tanks—Gilbert & Barker Mfg. Co., Springfield, Mass.
GILBERT'S gauge glass preservers—R. F. Morse, 86 Weybosset, Providence, R. I.
GILDE trolley track door hangers—Frantz Mfg. Co., Sterling, Ill.
GILE tractors—Gile Tractor & Engine Co., Ludington, Mich.
GILES heel plates—Laing, Harrar & Chamberlin, 43 N. 3rd, Phila., Pa.
GILGEN electric fuses—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
GILL piston rings—Gill Mfg. Co., 8300 S. Chicago av, Chicago, Ill.
GILL tungsten lamp reflectors—Gill & Co., Phila., Pa.
GILLETTE blade razor stroppers—Edward Zinn, 11th av & 25th, New York
GILLETTE safety razors—Gillette Safety Razor Co., 41 W. First, Boston, Mass.
GILMER automobile belts—L. H. Gilmer Co., Cottman & Keystone, Tacony, Pa.
GILMORE shoe buffing machines—Donnelly Machine Co., Brockton, Mass.
GILMORE tube scraper cleaners—Gilmore Tube Scraper Works, Buffalo, N. Y.
GILMOUR stone planing machines—Lincoln Iron Works, Rutland, Vt.
GILSELGLOSS insulating varnishes—Central Paint & Supply Co., Railway Exch. bldg, St. Louis, Mo.
GILSON gasoline engines—Gilson Mfg. Co., Port Washington, Wis.
GILSON power regulators for looms—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
GILSONITE asphalt cements & insulating asphalt—Certain-teed Products Corp., Boatman's Bank bldg., St. Louis, Mo.
GILT EDGE cotton rope—Anniston Cordage Co., Anniston, Ala.
GILT EDGE flooring—Rittenhouse & Embree Co., 3500 S. Racine av, Chicago, Ill.
GILT EDGE packing—General Asbestos & Rubber Co., Charleston, S. C.
GILT EDGE potato diggers—A. B. Farquhar Co., Ltd., York, Pa.
GILT EDGE round belting—I. B. Williams & Sons, Dover, N. H.
GILT EDGE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
GILT EDGE steam & hot water heaters & hot air furnaces—R. J. Schwab Sons Co., 283 Clinton, Milwaukee, Wis.
GIPSY bench vises—Prentiss Vise Co., 110 Lafayette, New York
GIPSY combined anvils & vises—Bonney Forge & Tool Works, Allentown, Pa.
GIRARD air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
GIRARD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
GIRARD turbine water wheels—I. P. Morris Co., Richmond & Norris, Phila., Pa.
GIRARD wrenches—Girard Wrench Mfg. Co., Girard, Pa.
GIT hand soap—Git Mfg. Co., Westfield, Mass.
GITS oil hole covers & cups—Gits Bros. Mfg. Co., 1901 S. Kilbourn av, Chicago, Ill.
GLACIER refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
GLACIER stained glass substitutes—W. A. Ross & Bro., 11 S. William, New York
GLACIER SECCOTINE stained glass substitutes—Wm. B Qualie, 405 Lexington av, New York
GLADER'S package heading-up machines & hoop punching machines—Wm. Glader, 210 N. Ann, Chicago, Ill.
GLADIATOR belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
GLADIATOR stalk cutters—Moline Plow Co., Moline, Ill.
GLADIUM twist drills—Ebstein Bros., 127 Duane, New York
GLARDON Swiss files—Wm. Dixon, 39 John, New York
GLASBAK baking glassware—McKee Glass Co., Jeannette, Pa.
GLASBRITE glass polish—B. P. Forbes Co., 409 Superior av, Cleveland, O.
GLASCOCK wood splitting machines—Glascock Stove & Mfg. Co., Greensboro, N. C.
GLASSFORD dust arresters—Cleveland Nickel Works, 1167 W. 67th, Cleveland, Ohio
GLASS KING washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
GLEANER feed water heaters & purifiers—Pratt & Cady Co., Inc., Hartford, Conn.
GLEANER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GLEDALE agitator end gate seeders—Peoria Drill & Seeder Co., Peoria, Ill.
GLEDON flange plates—Dilworth, Porter & Co., Pittsburgh, Pa.
GLEMCO electric motors & small rotary converters—Great Lakes Elec. Mfg. Co., 11-17 S. Desplaines, Chicago, Ill.
GLENDALE grain, bagger & loader—Hart Grain Weigher Co., Peoria, Ill.
GLENDONE machinery steel—Ward's, Edgar T. Sons Co., 304 Hudson, New York
GLEN flue stops—J. L. Clark Mfg. Co., Rockford, Ill.
GLENDALE stalk rakes—Peoria Drill & Seeder Co., Peoria, Ill.
GLENN back water valves—Glenn Mfg. Co., St. Charles, Ill.
GLENNY fruit jar wrenches—Wm. Glenny Glass Co., 10 W. Commerce, Cincinnati, Ohio
GLENSIDE core oil—Glenside Core Oil Co., 138 So. 4th, Phila., Pa.
GLENWOOD belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
GLENWOOD gas ranges—Weir Stove Co., Taunton, Mass.
GLENWOOD packing & hose—Hewitt Rubber Co., Buffalo, N. Y.
GLENWOOD stoves—Weir Stove Co., Taunton, Mass.
GLIDDEN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
GLIDDEN ENDURANCE wood stains—Glidden Co., Madison av & Berea rd, Cleveland, O.
GLIDDEN'S dust absorbing floor oils, waterproofing materials & paint & varnish remover—Glidden Co., Madison av & Berea rd, Cleveland, O.
GLIDE door hangers & door rollers—Frantz Mfg. Co., Sterling, Ill.
GLIDE lawn mowers—Dille & McGuire Co., Richmond, Ind.
GLISTEN metal polish—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
GLITTERBRITE body polish—R. M. Hollingshead Co., Camden, N. J.
GLITTERSHINE metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
GLOBE asbestos brake lining—United & Globe Rubber Co., Trenton, N. J.
GLOBE babbitt metal—Damascus Bronze Co., N. S., Pittsburgh, Pa.
GLOBE audiphones—Globe Ear Phone Co., 88 Tremont Co., Boston, Mass.
GLOBE automatic sprinklers, check valves, water motors, chemical fire extinguishers & rechargers—Globe Automatic Sprinkler Co., 2035H W Washington av, Phila., Pa.
GLOBE babbitt metals & wire belt lacing—Hayden Supply Co., Grand Rapids, Mich.
GLOBE belt lacing—J. M. Hayden Co., Grand Rapids, Mich.
GLOBE belting—Schwartz Belting Co., 76 Murray, New York
GLOBE bronze powders—B. F. Drakenfeld & Co., 50 Murray, New York
GLOBE carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
GLOBE closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.
GLOBE dry batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
GLOBE dust absorbing floor oils & hard wax floor polish—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
GLOBE fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
GLOBE fly traps—Reynolds Wire Co., Dixon, Ill.
GLOBE greenhouse valves—Glenn Mfg. Co., St. Charles, Ill.
GLOBE hame tips—Frazer & Jones Co., Syracuse, N. Y.
GLOBE hot air furnaces—Globe Stove & Range Co., Kokomo, Ind.
GLOBE incubators & brooders—Shoemaker Incubator Co., Freeport, Ill.
GLOBE industrial starch & vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
GLOBE lamp black—L. Martin Co., 81 Fulton, New York

GLOBE lubricating oils & greases—Globe Refining Co., 934 Rose bldg, Cleveland, Ohio
GLOBE lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
GLOBE mail boxes—W. A. Wheeler, Indianapolis, Ind.
GLOBE marine engines—Pennsylvania Iron Works Co., Eddystone, Pa.
GLOBE miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
GLOBE packing—Cancos Mfg. Co., Garden & Bridge, Phila., Pa.
GLOBE padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
GLOBE paper punches—Globe Wernicke Co., 25 Carthage av, Cincinnati, Ohio
GLOBE pneumatic tires—Globe Rubber Tire Mfg. Co., Trenton, N. J.
GLOBE ranges—March-Brownback Stove Co., Pottstown, Pa.
GLOBE steel chilled shot—Globe Steel Co., Mansfield, Ohio
GLOBE steel needle wire—Wheelock, Lovejoy & Co., 140 Nassau, New York
GLOBE sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
GLOBE switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
GLOBE teddy bears—Globe Teddy Bear Co., 501 Christopher av, Bklyn, N. Y.
GLOBE tool emery grinders—Globe Co., Sheboygan, Wis.
GLOBE tool sharpeners—S. Walker Co., Worcester, Mass.
GLOBE tumbling barrels—Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio
GLOBE ventilators—Globe Ventilator Co., Troy, N. Y.
GLOBE washing machines—Horton Mfg. Co., Fort Wayne, Ind.
GLOBE wood stains—Globe Varnish Co., Inc., Kelly & La Schall, Pittsburgh, Pa.
GLOBE SPECIALS gas & water cast iron pipes, grey iron castings & pipe fittings—Builders' Iron Foundry, 9 Codding, Providence, R. I.
GLOBE SPECIAL sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
GLOLITE candle lamp—H. G. McFaddin & Co., 38 Warren, New York
GLO-LITE lighting fixtures—Cassidy & Co., Inc., 101 Park av, New York
GLOR feed carriers—Glor Bros. & Willis Mfg. Co., Attica, N. Y.
GLOUCESTER hammocks—E. L. Rowe & Son, Gloucester, Mass.
GLOUCESTER kitchen sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
GLOVER'S belt fasteners—Water-Garland Co., Louisville, Ky.
GLOW night lamp—H. G. McFaddin & Co., 38 Warren, New York
GLOWER incandescent electric lamps—Nernst Lamp Co., Fayette & Garrison pl. Pittsburgh, Pa.
GLUTINO, bookbinders' glue—Holliston Mills, Norwood, Mass.
GLUTRIN core compounds—Robeson Process Co., 18 E. 41st, New York
GLYMONT cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
GLYPHO glycerine—Chas. W. Jacob & Allison, 18 Cedar, New York
GOAT BRAND plushes—L. C. Chase & Co., 89 Franklin, Boston, Mass.
GODDARD burr pickers'—Curtis & Marble Machine Co., Worcester, Mass.
GODDARD'S rawhide mallets—Brockton Mallet Co., Brockton, Mass.
GO-BASKET children's carriages—Withrow Mfg. Co., 2727 Spring Grove av, Cincinnati, Ohio
GODFREY conveyors—Godfrey Conveyor Co., Elkhart, Ind.
GO-EASY conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
GO-EASY garden cultivators—Moore Plow & Implement Co., Greenville, Mich.
GOES LIKE SIXTY gasoline engines—Gilson Mfg. Co., Port Washington, Wis.
GOETZ packing, lead gaskets, valve discs, pipe joint cements—Goetze Gasket & Packing Co., New Brunswick, N. J.
GOETZERIT gaskets & packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
GOLD china painters' palettes—Stirrup Mfg. Co., Inc., Market, Newark, N. J.
GOLD hot water radiators—Buckingham Routh Co., New Haven, Conn.
GOLDBLATT trowels—H. Goldblatt Tool Co., Kansas City, Mo.
GOLDCREST lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
GOLDEN bronzed wire cloth—Wickwire Spencer Steel Corp, Worcester, Mass.
GOLDEN clutch—Marden, Orth & Hastings, 136 Liberty, New York
GOLDEN steam traps—Golden-Anderson Valve Specialty Co., Fulton bldg., Pittsburgh, Pa.
GOLDEN weather strips—Michigan Engine Valve Co., 437 Columbia, Detroit, Mich.
GOLDEN FLEECE degras—Pfaltz & Bauer, 300 Pearl, New York
GOLDEN FLEECE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
GOLDEN GATE beer valves & racking apparatus—Golden Gate Mfg. Co., 9 Desbrosses, New York
GOLDEN GATE cement—Pacific Portland Cement Co., Cons., Pacific bldg, San Francisco, Cal.
GOLDEN GATE packing, belting, & rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
GOLDEN GLOW automatoneers, brake or control handles, electric car & locomotive headlights—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
GOLDEN GLOW lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
GOLDEN GRAIN babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
GOLDEN HOUSE vacuum cleaners—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
GOLDEN PHEASANT powder (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
GOLDEN ROD brazing solder—Shimer, McGlynn & Co., 19th & Washington, Philadelphia, Pa.
GOLDEN ROD garden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
GOLDEN ROD packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
GOLDEN ROD rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
GOLDEN RULE grease cups—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
GOLDEN RULE stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.
GOLDEN SCEPTRE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
GOLDEN STAR metal & furniture polish—R. W. Morris Mfg. Co., Kansas City, Mo.
GOLDEN STATE belting—H. N. Cook, Belting Co., 401 Howard, San Francisco, Cal.
GOLDIE railroad track spikes—Dilworth Porter & Co., 4th & Bingham, Pittsburgh, Pa.
GOLD MEDAL carpet linings—Newton Paper Co., Holyoke, Mass.
GOLD MEDAL cordage & twine—American Mills Co., Atlanta, Ga.
GOLD MEDAL furniture polish—Gold Medal Polish Co., Racine, Wis.
GOLD MEDAL house paint—E. I. du Pont de Nemours & Co. (Paint & Varnish Sales Div.), Wilmington, Del.
GOLD MEDAL linen ledger paper—Crane Bros., Westfield, Mass.
GOLD PIN hot water radiators—H. B. Smith Co., Westfield, Mass.
GOLD SEAL blue print paper—New York Blue Print Paper Co., 102 Reade, New York
GOLD SEAL packing & rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
GOLD SEAL rubber belting, oiled clothing & fire extinguishers—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
GOLD STAR paints, colors & enamels—W. W. Lawrence & Co., W Carson, Pittsburgh, Pa.
GOLD X-L SECTIONAL steam & hot water heaters—H. B. Smith Co., Westfield, Mass.
GOLD'S CYCLONE car ventilators—Gold Car Heating & Lighting Co., 220 36th, Brooklyn, N. Y.
GOLDSHINE polish—Van Tilburg Oil Co., Minneapolis, Minn.
GOLDSMITH throttle valves—Stephens, Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
GOMACO damp resisting paint—Goheen Corp., 25 W. 43rd, New York
GOOD plumbers' washers—Good Mfg. Co., 305 E. 134th, New York
GOOD rubber goods—Good Mfg. Co., 305 E. 134th, New York
GOOD store fixtures—W. B. McLean Mfg. Co., 729 Herron av, Pittsburgh, Pa.
GOODALL SEMI-METALLIC rubber hose—Goodall Rubber Co., Dept. H, 10th & Race, Phila., Pa.
GOODELL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.
GOODELL saw & lathe—Millers Falls Co., 28 Warren, New York
GOODELL-PRATT drill chucks—Goodell-Pratt Co., Greenfield, Mass.
GOODELL TOOL CO. bit braces & stocks—Goodell-Pratt Co., Greenfield, Mass.
GOOD ENOUGH carpet beaters—Carpet Beater Co., Windsor, N. Y.
GOOD ENOUGH plows—Moline Plow Co., Moline, Ill.
GOODFELLOW'S can salting machine—J. P. Goodfellow, Blaine, Wash.
GOODHUE windmills—Appleton Mfg. Co., Batavia, Ill.
GOOD LUCK fishing reels, fish scalers & gaff hooks—General Phonograph Corp., 25 W. 45th, New York
GOOD LUCK hose & fruit jar rubbers—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GOOD LUCK key chains—S. I. Atwater, 101 Lafayette, New York
GOOD LUCK red sheet packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
GOODMAN gas main stoppers—Safety Gas Main Stopper Co., 263 E. 133d, New York
GOODMAN wrecking hooks—National Malleable Castings Co., 7706 Platt, S. E., Cleveland, Ohio
GOODRICH tires, belting, tennis balls, tire cements—B. F. Goodrich Co., Akron, Ohio
GOOD WILL gas ranges—F. A. Klaine Co., Front & Central, Cincinnati, Ohio
GOODWIN brake beam clamps—Pearson Jack Co., 185 Franklin, Boston, Mass.
GOODWIN dump cars—Goodwin Car & Mfg. Co., Inc., 17 Battery pl, New York
GOODYEAR balata belting—Goodyear Tire & Rubber Co., Akron, Ohio
GOODYEAR lumber load binders—A. B. Goodyear, Bloomdale, Ohio
GOODYEAR SPECIAL rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
GOODYEARITE sheet packing—Goodyear Tire & Rubber Co., Akron, Ohio

GOPHER portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.
GORDON fire extinguishers—Orville E. Gordon, Rays Crossings, Ind.
GORDON PRIMARY open batteries—Waterbury Battery Co., Waterbury, Conn.
GORD'S rubber roofing — Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
GORHAM special patent brass & bronze castings—Gorham Co. Arch'l Bronze, 5th av & 36th, New York
GORHAM STANDARD window & store front construction—Gorham Co., Arch'l Bronze, 5th av & 36th, New York
GOSHEN feed cookers, hog scalders, tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
GOSHEN HILL step ladders—Goshen Churn & Ladder Co., Goshen, Ind.
GOTHAM thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
GOTHIC steam heaters—Gurney Heaters Mfg. Co., 93-95 Oliver, Boston, Mass.
GOUBERT feed water heaters, steam & hot water heaters, steam condensers & hot water generators—Griscom-Russell Co., 92 West, New York
GOULAC core compound—American Gum Products Co., 200 5th av, New York
GOULD car couplers, draft gear, journal boxes—Gould Coupler Co., 30 E. 42nd, New York
GOULD'S sheet packing—Gould Packing Co., Cambridge, Mass.
GOVERNOR disc harrows—Racine-Sattley Co., Springfield, Ill.
GOVERNOR handle drags—General Phonograph Corp., 25 W. 45th, New York
GOW foundry molding machines—Elmira Foundry Co., Elmira, N. Y.
GOWANDA feed cutters & maple sugar evaporators & castings—Gowanda Agricultural Works, Gowanda, N. Y.
GOWANUS belt lacing—Chas. A. Schieren & Co., 80 Ferry, New York
GRABER water gauges—B. Hoffman Mfg. Co., Milwaukee, Wis.
GRABLER pipe hangers, chain attachment drills—Grabler Mfg. Co., Cleveland, Ohio
GRACE DARLING curling irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
GRADE A tungstic acid—York Metal & Alloy Co., York, Pa.
GRADIRS water cooling towers—Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
GRADOMETERS grade indicating meters—Adams Co., Dubuque, Ia.
GRAFFCO CLING paper clips—Geo. B. Graff Co., 294 Washington, Boston, Mass.
GRAFFCO SILVER STEEL pens—Geo. B. Graff Co., 294 Washington, Baston, Mass.
GRAFFCO VISE paper clips, index tabs & signals—Geo. B. Graff Co., 294 Washington, Boston, Mass.
GRAFITE packing mfrs. flexible fibre & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
GRAFLEX cameras—Eastman Kodak Co., Rochester, N. Y
GRAFTON lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
GRAHAM all steel lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
GRAHAM blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
GRAHAM drill speeders—Graham Mfg. Co., 96 Point, Providence, R. I.
GRAHAM twist drills & drill chucks—Detroit Twist Drill Co., 634 Fort, W. Detroit, Mich.
GRAIN KING shoveling and end gate boards—Litchfield Mfg. Co., Waterloo, Ia.
GRAIN KING thresher belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GRAIN wood scoops—John Sommer Faucet Co., 355 Central av, Newark, N. J.
GRAIN SAVER steel grain bins—Martin Steel Products Co., Mansfield, Ohio
GRAKNIGHT belting—Grafton & Knight Mfg. Co., Worcester, Mass.
GRAKNIGHT DYNAMO belting—Graton & Knight Mfg. Co., Worcester, Mass.
GRA-HOUN children's vehicles—Rundle Novelty Co., 142 W. 3d, Columbus, Ohio
GRANBY spelter—American Zinc, Lead & Smelting Co., 120 B'way, New York
GRAND concrete mixers, foundry riddles—Hall-Holmes Mfg. Co., Jackson, Mich.
GRAND gas radiators—Union Stove Works, 70 Beekman, New York
GRAND hot blast & wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GRAND refrigerators—Challenge Refrigerator Co., Grand Haven, Mich.
GRAND DETOUR clod crushers, sled cultivators & walking & riding listers—Grand Detour Plow Co., Dixon, Ill.
GRAND DIAMOND NO. 2 fireplace heaters—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
GRAND DOMESTIC fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
GRAND EAGLE stoves—Grinberg Bros., 154 South, New York
GRAND EMERALD cook stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
GRAND OAK heating stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
GRAND PRIZE tooth picks—E. B. Estes & Sons, 364 5th av, New York
GRAND RAPIDS ice cream cabinets—Chocolate Cooler Co., Grand Rapids, Mich.
GRAND RAPIDS sash pulleys—Grand Rapids Hardware Co., Grand Rapids, Mich.
GRAND SOLAR fire place heaters—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.
GRAND STORES—Cleveland Co-Operative Store Co., 232 E. 67th, Cleveland, Ohio
GRANGER fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.
GRANGER pruning shears—Smith, Seymour & Son, Oakville, Conn.
GRANGER rubber & suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GRANITE cement & wood fibre plaster & wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
GRANITE clothes lines—Estes Mills, Fall River, Mass.
GRANITE plumbers & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York
GRANITE rubber hose—Revere Rubber Co., Chelsea, Mass.
GRANITE STATE lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
GRANITINE artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
GRANOLITIC cement hardeners—Granolitic Co., 471 N. Snelling av, St. Paul, Minn.
GRANT arc lamps—General Illuminating Co., 47 Greene, New York
GRANT bolt cutter dies—Pratt & Whitney Co., Hartford, Conn.
GRANT circular saws—Frank Hamachek, Kewaunee, Wis.
GRANT motor trucks—Grant Motor Car Corp., Colt rd & Kirby av, Cleveland, O.
GRANT pneumatic riveters & riveting machines—Grant Mfg. & Machine Co., Bridgeport, Conn.
GRANT sash pulleys—Grant Pulley & Hardware Co., 101 Park av, New York
GRANT spark plugs—General Illuminating Co., 47 Greene, New York
GRANT'S milk bottle protectors—Burgess-Norton Mfg. Co., Geneva, Ill.
GRANULAR water filters—Everson Filter Co., 70 W Lake, Chicago, Ill.
GRAPHALENE graphite lubricants—Monarch Mfg. Co., Council Bluffs, Ia.
GRAPHILATUM roofing cements—Klein Mfg. Co., American Trust bldg., Cleveland, O.
GRAPHINOIL graphite lubricants—Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.
GRAPHITE engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GRAPHITE PERFECTO lubricating oils & greases—Theron T. Southwick Oil Co., Rochester, N. Y.
GRAPHO axle grease—A. G. Harbaugh Co., Hipp Annex bldg., Cleveland, O.
GRAPHO core compounds—Pure Carbon Co., Wellsville, N. Y.
GRAPHO-ASBESTOS metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
GRAPHO-BESTOS packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
GRAPHOBESTO packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
GRAPHOIL graphite lubricants & lubricating oils & greases—Graphoil Lubricating Co., 71 Clymer, Brooklyn, N. Y.
GRAPHO RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
GRAPHOSCOPE moving picture mach.—Graphoscope Development Co., 49 Mechanic, Newark, N. J.
GRAPHOSE journal bearings—Chicago Bearing Metal Co., 2220 W. 43rd, Chicago, Ill.
GRASSHOPPER canners' fruit washing & scalding machines—Vance & Baker Mfg. Co., Muscatine, Ia.
GRAVER water softening & purifying apparatus—Graver Corp., East Chicago, Ind.
GRAVES galvanized copper boilers—John Trageser Steam Copper Works, 447 W. 26th, New York
GRAVITY sash locks—Merital Devices Selling Co., Cleveland, Ohio
GRAVITY PLANE mine hoists—Robt. Holmes & Bros., Danville, Ill.
GRAWIN pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
GRAY automobile mufflers—Gray-Hawley Mfg. Co., Detroit, Mich.
GRAY farm tractors—Gray Tractor Co., 30th av S. E. & N. P. tracks, Minneapolis, Minn.
GRAY hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GRAY sheet metal cutting machines—W. J. Savage Co., Knoxville, Tenn.
GRAY thread milling machines—Gray Mach. Tool Co., 2661 Main, Buffalo, N. Y.
GRAY EAGLE marble—Asbury Marble Co., Knoxville, Tenn.
GRAY EAGLE marble—Gray Eagle Marble Co., Knoxville, Tenn.
GRAY KING fire hose—B. F. Goodrich Co., Akron, Ohio
GRAY LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
GRAYS HARBOR fir & spruce lumber—National Lumber & Mfg. Co., Hoquiam, Wash.
GRAY'S valve grinding compounds & velvet belt dressing—Gray Specialty Co., 148 Avon av, Newark, N. J.
GREAT AMERICAN ball bearing lawn mowers—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
GREAT ARROW lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
GREAT BEAR high speed steel—Ontario Electric Steel Co., Inc., Fulton, N. Y.
GREAT LAKES marine paints—Hardy Paint & Varnish Co., Toledo, Ohio
GREAT NORTHERN harrow carts & shoveling & end gate board—Peoria Drill & Seeder Co., Peoria, Ill.

GREAT NORTHERN hot water & steam heaters—Kewanee Boiler Co., Kewanee, Ill.
GREAT STICKEST mucilage—Carter's Ink Co., E. Cambridge, Boston, Mass.
GREAT WEST riding & walking listers—Gale Mfg. Co., Albion, Mich.
GREAT WESTERN axle oils—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
GREAT WESTERN clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
GREAT WESTERN cream separators & feed carriers & manure spreaders—Rock Island Plow Co., Rock Island, Ill.
GREAT WESTERN disc harrows—Cutaway Harrow Co., Higganum, Conn.
GREAT WESTERN drag road scrapers—Sidney Steel Scraper Co., Sidney, O.
GREAT WESTERN files—Nicholson File Co., Providence, R. I.
GREAT WESTERN incubators & brooders—Jones, Post & Co., Racine, Wis.
GREAT WESTERN wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
GREATER DAYTON pneumatic hammers—Dayton Pneumatic Tool Co., Dayton, O.
GREATER PITTSBURGH dumping wagons—Milburn Wagon Co., Toledo, Ohio
GREAVES—ETCHELLS system electric furnaces—Electric Furnace Constructions Co., Finance bldg, Phila., Pa.
GREDAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
GREEDYGRINDER root cutters—Gray Iron Casting Co., Springfield, Ohio
GREEK padlocks—Slaymaker Lock Co., Lancaster, Pa.
GREEN blowers—Wilbraham-Green Blower Co., Pottstown, Pa.
GREEN grate bars & mechanical stokers—Green Engineering Co., East Chicago, Ind.
GREEN pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio
GREEN A calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
GREEN END open hearth steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
GREEN HEAD jack screws—Clinton E. Hobbs Co., 37 Pearl, Boston, Mass.
GREEN LABEL lithophone—New Jersey Zinc Co., 160 Front, New York
GREEN MOUNTAIN lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
GREEN RIVER dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.
GREEN SEAL belt dressing—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
GREEN SEAL house paint—Hanna Paint Mfg. Co., Columbus, Ohio
GREEN SEAL oxide of zinc—New Jersey Zinc Co., 160 Front, New York
GREEN WHEELOCK steam engines—American & British Mfg. Co., Bridgeport, Conn.
GREENDALE RUG front brick—Hocking Valley Products Co., Columbus, Ohio
GREENE car hauls—C. O. Bartlett & Snow Co., French, Cleveland, Ohio
GREENERD arbor presses—E. E. Bartlett, 326 A., Boston, Mass.
GREENFIELD drill chucks—Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD drill chucks & mitre boxes—Goodell Mfg. Co., Greenfield, Mass.
GREENFIELD flexible metallic & interior conduits—Sprague Electric Works, 527 W. 34th, New York
GREENFIELD storm sash hangers—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
GREENHOUSE rubber hose—Empire Tire & Rubber Corp, Trenton, N. J.
GREENLAW flexible joints—Greenlaw Mfg. Co., 141 Milk, Boston, Mass.
GREENLEE auger bits—Greenlee Bros. & Co., Rockford, Ill.
GREEN'S metallic library shelving—Snead & Co. Jersey City, N. J.
GREEN'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
GREENWICH linoleum—Henry Beutell & Son, 114 5th av, New York
GREENWOOD garden hose—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
GREENWOOD lawn mowers—Dille & McGuire Co., Richmond, Ind.
GREENWOOD metallic dabbers—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
GREENWOOD stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.
GREER electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.
GREESE railway track movers—Mann-McCann Co., Fisher bldg., Chicago, Ill.
GREOIL lubricating greases—Wm. C. Robinson & Son Co., 32 So. Baltimore, Md.
GRESHAM boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
GRESOLVENT hand soap—Utility Co., 636 W. 44th, New York
GRETCHEN bean & pea planters—Moline Plow Co., Moline, Ill.
GREYHOUND auto cement, polish, oil soap lubricating grease—Camden Chem. Mfg. Co., 1800 Mickle, Camden, N. J.
GREYHOUND forge blowers—Gardner, R., Electrical Works, 1712 Columbus rd, Cleveland, Ohio
GREYHOUND rubber tires—Ideal Tire & Rubber Co., Warner rd, Cleveland, Ohio
GREY HULL phonograph records—United Music Stores, 619H Cherry, Phila., Pa.
GREYSTONE MILLS absorbent cotton—Frank B. Graves, Albany, N. Y.
GRIDLEY turret lathes, automatic turret machines & spindles—National Acme Co., 7500 Stanton av, S. E., Cleveland, O.
GRIEVE dumping grates—Combustion Engineering Corp., 11 Broadway, New York
GRIFFIN grinding mills—Bradley Pulverizer Co., 92 State, Boston, Mass.
GRIFFIN safety razors—A. L. Silberstein, 600 W. 157th, New York.
GRIFFIN suction conveyers—Griffin Engineering & Construction Co., Elkhart, Ind.
GRIFFIN MILL pulverizing machinery—Bradley Pulverizer Co., 92 State, Boston, Mass.
GRIFFITH hatchets—Griffith Tool Works, 521H Market, Phila., Pa.
GRIFFITH'S pump governors—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
GRIFFON cutlery—A. L. Silberstein, 600 W. 157th, New York
GRIM DEATH couplings, shaft—Dodge Sales & Engineering Co., Mishawaka, Ind.
GRIMES foundry molding machines and jolt ramming—Midland Machine Co., 1218 Hastings, Detroit, Mich.
GRIMM maple sap buckets, maple syrup cans & maple sugar evaporators—G. H. Grimm, Rutland, Vt.
GRIMSHAW insulating tape & black rubber covered wire—New York Insulated Wire Co., 84 State, Boston, Mass.
GRINDAN grinding paste—Grindan Mfg. Co., Albany, N. Y.
GRINNELL automatic fire sprinklers—General Fire Extinguisher Co., Providence, R. I.
GRINNELL instantaneous electric water heaters—Grinnell Electric Heater Co., Grinnell, Ia.
GRINNELL WRIST FIT leather gloves—Morrison-Ricker Mfg. Co., Grinnell, Ia.
GRIP carriage fasteners—English & Mersick Co., New Haven, Conn.
GRIP fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
GRIP pipe couplings—Grabler Mfg. Co., Ware, Mass.
GRIP stove lid lifters—Hamblin & Russell Mfg. Co., Worcester, Mass.
GRIP GREASE cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GRIPLOCK chain link belting—Chain Belt Co., Milwaukee, Wis.
GRIPSALL pipe wrenches—Frank Mossberg Co., Attleboro, Mass.
GRIPTITE asbestos brake lining, clutch facings, friction surfaces—Dominion Asbestos Rubber Corp., 154 Nassau, New York
GRIPTITE ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
GRISWOLD-AMERICAN waffle irons—Griswold Mrg. Co., Erie, Pa.
GRISWOLD fry pans, aluminum hollow ware & meat & food choppers—Griswold Mfg. Co., Erie, Pa.
GROBET Swiss files & rifflers—Montgomery & Co., 105 Fulton, New York.
GRONVOLD boiler fire cleaners—Burgess Machine Co., New Haven, Conn.
GRONWALL electric furnaces—John A. Crowley Co., 120 Liberty, New York
GROSS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
GROSSER hosiery knitting machines—Max Nydegger, 260 W. Broadway, New York
GROTE sectional heaters—F. Grote Works Co., Evansville, Ind.
GROUND HOG road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
GRUB tank heaters—Drew Carrier Co., Waterloo, Wis.
GRUBITE chemically pure granite—Grueby Faience & Tile Co., Perth Amboy, N. J.
GRUNDY flexible couplings—Chas. Bond Co., 617 Arch, Phila., Pa.
GRUWA-HUNTINGTON emery wheel dressers—Challenge Machine Co., 5116 Springfield av, Phila., Pa.
GUARANTEE clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.
GUARANTEE rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.
GUARANTEE soda water fountains—Fountain Specialty Co., Grand Haven, Mich.
GUARANTEED PERFECTION cobblers' outfits—Fate Root-Heath Co., Plymouth, Ohio
GUARD grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GUARD padlocks—Slaymaker Lock Co., Lancaster, Pa
GUARDIAN cotton hose & sheet packing—Pioneer Rubber Mills, San Francisco, Cal.
GUARDIAN roofing felts & composition—Flintkote Co., 88 Pearl, Boston, Mass.
GUGENSTROM bath water heaters—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
GUIBERT fire hose reels—Cliff & Guibert Co., 460 W. Broadway, New York
GUILFORD fireplace heaters—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
GUILLOTT metalic gaskets — Gasket Mfg. Co., Galeton, Pa.
GULLAND stand pipes—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
GUN hand & machine taps—Greenfield Tap & Die Corp., Greenfield, Mass.
GUN METAL belt studs—Manufacturers Belt Hook Co., 1321 W Congress, Chicago, Ill.
GUNNELL pneumatic tools—Manitowoc Ship Bldg. & Dry Dock Co., Manitowoc, Wis.

GUNNER cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
GUNTHER'S hot water heaters—Peter's Pump Co., Kewanee, Ill.
GURLEY hook gage meter recorders—W & L. E. Gurley, Troy, N. Y.
GURLY horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
GURNEY ball bearings—Gurney Ball Bearing Co., Jamestown, N. Y.
GURNEY draft boilers, radiators, steam & hot water heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
GUSHER cog gear pumps—F. E. Myers & Bro., Ashland, Ohio
GUSTAFSON mine car wheels—Gustafson Mfg. Co., Chattanooga, Tenn.
GUTH farm gates—Guth Gate Co.. Waverly, Ohio
GUTHRIE self-measuring oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
GUTTA BALATA belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
GYITE sealing wax—Insulatine Co., 1 Broadway, New York
GYPSINE wall finish—Anti-Kalsomine Co., Grand Rapids, Mich.
GYSINGE alloy steel—Electro Steel Co., Inc., Curry bldg, Pittsburgh, Pa.
GYPSITE column coverings, fire-proof floors, tile ceilings—Gypsite Fireproofing Co., Penobscot bldg, Detroit, Mich.
GYPSY grass hooks—Dunn Edge Tool Co., Oakland, Me.
GYPSY hand windlasses—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
GYPSY windlasses—Gillie Machine Co., Tonawanda, N. Y.
GYRATORY rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.
GYRO rubber heels—James Mfg. Co., Cleveland, Ohio
GYROFAN electric ceiling fans—Adams-Bagnall Electric Co., Platt av., Cleveland, O.
H. removable screw calks—Rowe Calk & Chain Co., Plantsville, Conn.
H. B. carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
H. B. dredge chains—American Chain Co., Bridgeport, Conn.
H.-B.—D. W. F. ball bearings, car journals & shaft hangers—Hess-Bright Mfg. Co., Front & Erie av, Phila., Pa.
H. C. automobile & motor truck jacks—Lane Bros. Co., Poughkeepsie, N. Y.
H. C. polishing shot—Globe Steel Co., Mansfield, Ohio
H. C. B. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
H. C. VIRGIN clay screens—Chambers Bros. Co., 52nd & Lancaster av, Phila., Pa.
H-D ejectors & injectors—United Injector Co., 119 W 40th, New York
H. D. S. & CO. pincers—H. D. Smith & Co., Plantsville, Conn.
H. G. barr drilling machines—Francis Reed Co., Worcester. Mass.
H. H. BROWN cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
H. H. steam traps—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
H. E. H. tapping machines—Harris Engineering Co., Bridgeport, Conn.
H. H. H. pneumatic tires—H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
H. J. & C. compression stops—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
H. K. brass castings—Brass Fdry. Co., Peoria, Ill.
H. K. WOOD'S MO-LYB-DEN-UM shovels—Wood Shovel & Tool Co., The, Piqua, O.
H. M. & H. gas engines—Henry, Millard & Henry Co., York, Pa.
H. M. S. bull dog spark plugs—Hartford Machine Screw Co., Hartford, Conn.
H-O pipe joint cement & compounds—Johns-Manville, Inc., Madison av & 41st, New York
H. O. H. steel sheet—Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
H. P. M. forcing presses—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
H. R. M. calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
H. S. automobile brake shoes, gears, hubs, commutators, rods, springs, wrenches, etc.—Hill Smith Metal Goods Co., 82 Brookline av, Boston, Mass.
H. S. EARLE'S corn harvester knives—North Wayne Tool Co., Hallowell, Me.
H. 20 waterproof belting—Schwartz Belting Co., 76 Murray, New York
H. T. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
H. T. MILLER'S axes—American Axe & Tool Co., Glassport, Pa.
H. W. barn door latches—Hardware Specialty Mfg. Co., Anderson, Ind.
H.-W. cross head pin oilers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
H. W. RICON gas retorts—Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
H. W. W. wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
H. & A. binder covers—Henry & Allen, Auburn, N. Y.
H. & A. revolvers—Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.), Norwich, Conn.
H. & A. shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
H. & B. bath waste—Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
H. & B. box openers, screw driver bits—Landers, Frary & Clark, New Britain, Conn.
H. & B. floor & ceiling plates—Parker Wire Goods Co., Worcester, Mass.
H. & B. flush plugs—Hatzell & Buehler, 373 4th av, New York
H. & B. golf clubs—Hillerich & Bradley Co., 725 So. Preston, Louiville, Ky.
H. & B. typewriter oils—J. A. Heale & Co., 96 John, New York
H. & D. fertilizer distributors & spring tooth harrows —Hench & Dronigold Co., York, Pa.
H. & G. collapsible taps & self opening die heads—Eastern Machine Screw Corp., New Haven, Conn.
H. & H. hair belting & patent leather trucks—Hamblet & Hayes Co., 284 Devonshire, Boston, Mass.
H. & H. horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
H. & H. metallic & steel lockers, blue print, filing & shelving, tool cabinets, wardrobes—Hart & Hutchinson Co., Dept. C., New Britain, Conn.
H. & H. switches, switch boxes, flush plugs—Hart & Hegeman Mfg. Co., Hartford, Conn.
H. & L. electric fuses—H. T. Paiste Co., 3201 Arch, Philadelphia, Pa.
H. & N. carbureters—H. & N. Carbureter Co., 1675 B'way, New York.
H. & P. staybolt iron—Hughes & Patterson, 800 Richmond, Phila., Pa.
H. & R. base ball masks, sink brushes—Hamblin & Russell Mfg. Co., Worcester, Mass.
H. & R. revolvers—Harrington & Richardson Arms Co., Worcester, Mass.
H. & S. trolley wire splicing sleeves—Hickney & Schneider, Elizabeth, N. J.
H. & W. electric heaters—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
H. & W. electric heaters—Holden & White, 343 S Dearborn, Chicago, Ill.
HAAS anti-freezing water closets & flushing valves, Philip Haas Co., Dayton, Ohio
HAASE milling machine attachments—Enderes, Inc., Albert Lea, Minn.
HACH urinal strainers—Richard G. Hach, 159 E. 26th, New York
HACKER hand press & plate gauge rectifier—Hacker Mfg. Co., 312 N. May, Chicago, Ill.
HAGER automobile locks—Bradsto Appliances, Inc., 65 Main, Buffalo, N. Y.
"HAHL" pneumatic clocks—Time System Co., 870 Woodward av, Detroit, Mich.
HAHN watchman's clocks—Nanz Clock Co., 178 Fulton, New York
HAINER autographic registers & book-keeping machine—Hainer Book-Keeping Machine Co., 45 Williard av, Providence, R. I.
HAINES vacuum controllers & heating systems—Wm. S. Haines & Co., 12th & Buttonwood, Phila., Pa.
HAJOCA bath room fixtures—Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
HALBY shoveling machines—Lake Shore Engine Works, Marquette, Mich.
HALCO sportsman's leggings—Hagerstown Shoe & Legging Co., Hagerstown, Md.
HALE automatic blind hinges—Parker Wire Goods Co., Worcester, Mass.
HALECTRALLOY Halcomb electric alloy steels, for motor cars, special engng. & mach. purposes—Halcomb Steel Co., Syracuse, N. Y.
HALEY hose nozzles—Boston Coupling Co., 156 Pearl, Boston, Mass.
HALF SOLE rubber tires—Gates Rubber Co., Denver, Colo.
HALL cast iron pipe cutters & pipe threading stocks —Walworth Mfg. Co., Boston, Mass.
HALL fibre talking machine needles—Hall Mfg. Co., 33 W Kinzie, Chicago, Ill.
HALL incandescent electric lamps—Capitol Electric Co., Denver, Colo.
HALL oil filters—Hall Mfg. Co., Harrison, N. J.
HALL potato hooks—Wallingford Mfg. Co., Wallingford, Vt.
HALL pumps—Hall Steam Pump Co., 213 Galveston. Pttsburgh, Pa.
HALLADAY windmills & wood tanks—U. S. Wind Engine & Pump Co., Batavia, Ill.
HALLETT trolley line materials, arc lamp brackets, anchor rods, cable reel jacks, cable trolleys, pole clamps—Hallett Iron Works, Harvey, Ill.
HALLIWELL gas electric hair dryers—Halliwell & Co., 64 E. 12th, New York
HALLOWAY chemical fire engines—James Boyd & Bro., 25th & Wharton, Philadelphia, Pa.
HALLOWELL shafting collars—Standard Pressed Steel Co., 20th & Indiana, Phila., Pa.
HALL-SCOTT passenger cars—Hall-Scott Motor Car Co., San Francisco, Cal.
HALL'S grate bars—Stowell Co., S. Milwaukee, Wis.
HALL'S oil & grease cups—Hall Mfg. Co., Harrison, N. J.
HALL'S patent safes—Hall's Safe Co., Cinn., O.
HALO metal polish—Standard Carbon Co., Los Angeles, Cal.
HALSEY ice chippers—Bernardin Bottle Cap Co., Evansville, Ind.
HALSTEAD attrition mills—Engelberg Huller Co., Syracuse, N. Y.
HAM sand boxes—Trojan Button Fastener Co., Troy, N. Y
HAMBURG potato diggers — Gowanda Agricultural Works, Gowanda, N. Y.
HAMBURG potato diggers—Hamburg Plow Works, Hamburg, Pa.
HAMILTON casters—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio
HAMILTON Corliss engines—Hooven, Owens, Rentschler Co., Hamilton, Ohio

HAMILTON disc harrows — Long & Allstater Co., Hamilton, Ohio
HAMILTON gas engines—Wogaman Bros. Co., Greenville, Ohio
HAMILTON shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
HAMILTON steam engines, air & gas compressors, pumps, sugar cane mills—Hooven, Owens & Rentschler Co., Hamilton, Ohio
HAMILTON wooden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
HAMILTON ADVANCE gasoline & traction engines—Advance Mfg. Co., Hamilton, Ohio
HAMILTON BEACH electric fans, motors, hair dryers, drink mixers, massage vibrators & vacuum cleaners, Hamilton-Beach Mfg. Co., Racine, Wis.
HAMILTON-PRATT cane sugar machinery—Hooven, Owens, Rentschler Co., Hamilton, Ohio
HAMMER core making machines—Am. Fdry. Equipt. Co., 366 Madison av, New York
HAMMER self-locking row locks — Malleable Iron Fittings Co., Branford, Conn.
HAMMER BRAND horse & mule shoes—Old Dominion Iron & Steel Corp., Belle Isle, Richmond, Va.
HAMMER HANDLE wrenches—Coes Wrench Co., Worcester, Mass.
HAMMERLOCK closet seats & plumbers' wood work —J. C. Eichman Mfg. Co., Bush & Wicomico, Baltimore, Md.
HAMMER THE HAMMER revolver—Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
HAMMERMILL bond paper—Hammermill Paper Co., Erie, Pa.
HAMMON pipe couplings — Hammon Coupler Co., Farmers' Bank bldg., Pittsburgh, Pa.
HAMMOND can labeling machines—A. K. Robins & Co., 116 Market pl, Baltimore, Md.
HAMMOND die blocks—Hammond Steel Co., Inc., Syracuse, N. Y.
HAMMOND typewriters—Hammond Typewriter Co., 537 E. 59th, New York
HAMMOND water meters—Alberger Pump & Condenser Co., 140 Cedar, New York
HAMONDTANK steel tanks—Hammond Iron Works, Warren, Pa.
HAMPDEN paint—Hampden Paint & Chemical Co., Springfield, Mass.
HAMPDEN rug fasteners & picture hooks—Hampden Mfg. Co., 108 Fulton, New York
HAMPSHIRE artistic pottery—Hampshire Pottery, Inc., Keene, N. H.
HAMPSHIRE lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
HAMPTON metal lath—Penn Metal Co., 65 Franklin, Boston, Mass.
HAMPTON sedimentation tanks—Sterilization Co., 9 Clinton, Newark, N. J.
HAMR-HANDL screw drivers — Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
HAM'S coping machines—L. M. Ham & Co., 158 Portland, Boston, Mass.
HANAK elevating machinery—Hanak Conveyor Co., Houston, Tex.
HANCHETT saw filing machines—Hanchett Swage Works, Big Rapids, Mich.
HANCOCK gasoline strainers — Hancock Mfg. Co., Charlotte, Mich.
HANCOCK injectors & ejectors—United Injector Co., 119 W 40th, New York
HANCOCK inspirators & ejectors—Hancock Inspirator Co., 119 W. 40th, New York
HANCOCK jig for concentrating mills—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
HANCOCK JR. disc plows—Racine-Sattley Co., Springfield, Ill
HANDI HANGER extension bars—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
HANDIHOOK picture hooks—August Goertz & Co., 276 Morris av, Newark, N. J.
HANDI-HOOK pot covers—Republic Metalware Co., Buffalo, N. Y.
HANDILIFT hand-operated vertical tiering machine—Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.
HANDI-TOOL combination tools—C. E. Benefiel Co., Indianapolis, Ind.
HANDLAN drill chucks, car seal presses, engine & tail markers—Handlan-Buck Mfg. Co., 210-214 N. 3rd, St. Louis, Mo.
HANDLEFT belt conveyors—Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.
HANDY anti rattlers—Monarch Carriage Goods Co., Cincinnati, Ohio
HANDY ash can trucks—W. G. Browne Mfg. Co., Kingston, N. Y.
HANDY automobile switches & receptacle plugs—Chicago Electric Mfg. Co., 2817 S. Halsted, Chicago, Ill.
HANDY bag trucks—Cardington Cabinet Co., Cardington, Ohio
HANDY baling presses—Grand Rapids Savage Co., Grand Rapids, Mich.
HANDY boiler flue plugs—Elisha Webb & Son, 136 S. Front, Phila., Pa.
HANDY broom holders—Reading Saddle & Mfg. Co., Reading, Pa.
HANDY brushes—Standard Brush Co., New Hartford, Conn.
HANDY can openers, kraut cutters, tack claws & pullers—Handy Things Mfg. Co., Ludington, Mich.
HANDY carboy carriers—Lansing Co., Lansing, Mich.
HANDY clothes line reels—Feeney Mfg. Co., Muncie, Ind.
HANDY clothes pin bags—Excelsior Bag & Mfg. Co., Troy, N. Y.
HANDY clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.
HANDY coal hods & poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
HANDY concrete mixers—Bolte Mfg. Co., Kearney, Neb.
HANDY corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
HANDY drilling machine vises—Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
HANDY dry heat rubber vulcanizers—R. H. Smith Mfg. Co., Springfield, Mass.
HANDY feed cutters—Hamburg Plow Works, Hamburg, Pa.
HANDY fishing rod holders—General Phonograph Corp., 25 W. 45th, New York
HANDY gauges—Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
HANDY glass cutters—Fletcher, Terry Co., Forrestville, Conn.
HANDY hand card cutting machines—L. F. Grammes & Sons, Allentown, Pa.
HANDY hand punches—Danzer Metal Works, Hagerstown, Md.
HANDY hose racks—Specialty Mfg. Co., 2362 University av, St. Paul, Minn.
HANDY incandescent lamp cleaners & lamp replacers—Frank W. Morse, 289 Congress, Boston, Mass.
HANDY lawn sprinklers—L. R. Nelson, Peoria, Ill.
HANDY paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
HANDY paper dishes—Star Paper Dish Co., Richmond, Va.
HANDY pipe vises—Dikeman Mfg. Co., Norwalk, Conn.
HANDY post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
HANDY pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
HANDY quick-opening & quick-closing valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HANDY riveting machines—A. C. Williams Co., Ravenna, Ohio
HANDY rope cleats—Parker Wire Goods Co., Worcester, Mass.
HANDY saw sets—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
HANDY screen door pulls—Hunt, Helm, Ferris & Co., Harvard, Ill.
HANDY screw driver bits—West Haven Mfg. Co., West Haven, Conn.
HANDY screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
HANDY screw drivers—Turner & Deegan, Bristol, Conn.
HANDY sewing machines oilers—Bridgeport Brass Co., Dept. H, Bridgeport, Conn.
HANDY shaft couplers—Fernald Mfg. Co., North End, Pa.
HANDY slitting shears—W. A. Wheeler, Indianapolis, Ind.
HANDY soldering sets—W. L. Barrett, Bristol, Conn.
HANDY steam traps—E. M. Nichols, 212 W. Washington sq, Phila., Pa.
HANDY steel derricks—Boss Pulling Machine Co., Vanburen, Ind.
HANDY step ladders—Handy Ladder Works, Cleveland, Ohio
HANDY step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
HANDY stock fountains—Novelty Iron Works, Sterling, Ill.
HANDY stock & dies & pipe vises—Handy Mfg. Co., Bridgeport, Conn.
HANDY stove lid lifters—I. C. Imboden Mfg. Co., Cleona, Pa.
HANDY telescope cot bed—Telescope Cot Bed Co., 535 E. 79th, New York
HANDY tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
HANDY tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
HANDY tire bolter wrenches—W. F. Custer & Son, Summitville, Ind.
HANDY wooden kegs—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.
HANDY ANDY shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
HANDY BAR belt dressing—Crescent Belt Fastener Co., 381 4th av, New York
HANDY BILLY marine, ship & deck pumps—F. E. Myers & Bros., 900 Fourth, Ashland, O.
HANDY ROLL toilet paper holders—S. J. Bens Mfg. Corp., Herkimer, N. Y.
HANDY SACK BALER bag baling machines—T. G. White, Cedar Rapids, Iowa
HANG-UP wall hooks—Hampden Mfg. Co., 108 Fulton, New Lork
HANIEL & LUEG hydraulic presses—Mesta Machine Co., Pittsburgh, Pa.
HANKE stairway fire escapes—Hanke Iron & Wire Works, 800 N. Albany av, Chicago, Ill.
HANNA pipe hangers—Penna. Engineering Co., 1119 N. Howard, Phila., Pa.
HANNA pneumatic yoke riveters—Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
HANNA sand mixing machines, foundry riddles, pneumatic tools & radial reamers—Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
HANNA tire air pumps—Troy Auto Specialty Co., Troy, N. Y.
HANNIBAL gasoline lighting systems—Hannibal Gas Machine & Mfg. Co., Hannibal, Mo.
HANNIFIN countershafts, expanding mandrels, self opening dies—Hannifin Mfg. Co., 621 S. Kolmar av, Chicago, Ill.
HANNON plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HANSA linoleum—C. H. Weber, 45 E. 17th, New York

HANSEN & HAYNES rotary dumps—Link-Belt Co., 329 W. 39th, Chicago, Ill.
HANSEN'S danish butter colors—D. H. Burrell & Co., Little Falls, N. Y.
HANSON combination pipe vises—Stowell Co., S. Milwaukee, Wis.
HANSON lock deck plates—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
HANSON reinforcing bar benders—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.
HANSON'S steel wool & shavings—F. C. Hanson, Southbridge, Mass.
HAPPIDOG muzzlers—Walter B. Stevens & Son, 114 Chambers, New York
HAPPY electric sad irons—Detroit Electric Heater Co., Detroit, Mich.
HAPPY DAY washing machines—National Sewing Machine Co., Belvidere, Ill.
HAPPY THOUGHT stoves—Pittston Stove Co., Pittston, Pa.
HARDER automobiles—Harder Auto Truck Co., 149 W 62nd, Chicago, Ill.
HARDERNELL wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
HARDIE gasoline engines—Hardie Mfg. Co., Hudson, Mich.
HARDINGE stone pulverizers—Hardinge Conical Mill Co., 120 Broadway, New York
HARDING'S card feed rolls—R. H. Hood Co., 1842 Gtn. av, Phila., Pa.
HARDING'S comb circles & fallers—Leigh & Butler, 232 Summer, Boston, Mass.
HARDISON chain tongs—Union Tool Co., Torrance, Cal.
HARDSOCG pneumatic rock drills—Hardsocg Wonder Drill Co., Ottumwa, Ia.
HARDTEM forged die blocks—Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
HARDWEAR rubber hose—Belting Corp,, 84 Linden Park, Boston, Mass.
HARDWOOD automobile lighting & battery switches—Frank W. Morse, 289 Congress, Boston, Mass.
HARDY & PINDER screen plates—Wm. A. Hardy & Sons Co., Fitchburg, Mass.
HARGRAVE clamps, saw vises, screw drivers, drills, rod cutters, bench stops—Cincinnati Tool Co., Norwood, Cincinnati, Ohio
HARJER fly traps—Reynolds Wire Co., Dixon, Ill.
HARLAND varnishes—Wm. Harland & Sons, Buffalo, N. Y.
HARLEM packing—Revere Rubber Co., Chelsea, Mass.
HAR MAC rural mail boxes—Harper & McIntire Co., Ottumwa, Ia.
HARMER BOY sulky plows—J. I. Case Plow Wks., Racine, Wis.
HARMLESS pin tickets—Noesting Pin Ticket Co., Mt. Vernon, N. Y.
HARMON diaphragm screens—C. A. Harmon & Son, Watertown, N. Y.
HARMON lumber trimmers—Diamond Iron Works, Minneapolis, Minn.
HARMONY snap fastener—Federal Snap Fastener Corp., 27 W. 37th, New York
HAROMA hard rock maple broom handles—Northern Wood Products Co., Dept. H, Glidden, Wis.
HARPER fly traps — Wickwire Spencer Steel Corp., Worcester, Mass.
HARPER metallic packing—Harper Mfg. Co., Chester, Pa
HARPER sad irons—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
HARPER savings banks—Sager Lock Co., North Chicago, Ill.
HARPER HANDY stove trucks & casters—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
HARPOON guy anchors—Crouse-Hinds Co., Syracuse, N. Y.
HARRIMAC fish landing nets & gaff hooks—General Phonograph Corp., 25 W. 45th, New York
HARRINGTON coffee percolators—O. W. Burritt & Bro., Weedsport, N. Y.
HARRINGTON mechanical stokers—Green Engineering Co., East Chicago, Ind.
HARRIS coil heaters—Arthur Harris & Co., 212 N. Curtis, Chicago, Ill.
HARRIS garbage & toilet incinerators & steam generators—Harris Municipal Garbage Incinerator & Steam Generator, Nashville, Tenn.
HARRIS gasoline engines—Harris Engine Co., Front & Orange, Wilmington, Del.
HARRIS grapple forks—Milwaukee Hay Tool Co., Milwaukee, Wis.
HARRIS grapple forks—J. E. Porter Co., Ottawa, Ill.
HARRIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
HARRIS hay forks—G. A. Swineford Co., Canton, Ohio
HARRIS incandescent gas mantles—Harris Wood Fibre Mantle Co., 1569 Columbus rd. N. W., Cleveland, Ohio
HARRIS lubricating oils & greases—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
HARRIS mine car hitchings—Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
HARRIS sash operating devices, skylight ventilating & ventilating apparatus—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
HARRIS self-wringing mops—Imperial Mfg. Co., Cambridge, Ohio
HARRIS smokeless furnaces—Harris Smokeless Furnace Co., Nashville, Tenn.
HARRIS thumb nuts & thumb screws & lathe dogs—Samuel Harris & Co., 114 N. Clinton, Chicago, Ill.
HARRISON corn & cob mills—Nordyke & Marmon Co., Kentucky av and Morris, Indianapolis, Ind.
HARRISON draughting tables—H. Cole Co., 68 E. Gay, Columbus, Ohio
HARRISON M. I. P. key cutting machines—Harrison & Co., 81 New, New York
HARRISON paint & varnish remover—E. I. Du Pont de Nemours & Co. (Paint & Varnish Sales Div.), Wilmington, Del.
HARRIS-SCOUREE metal polish—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
HARROUN automobile bumpers—Turner Brass Works, Sycamore, Ill.
HARRY'S cyclone cellars, oil storage tanks & portable houses—Harry Bros. Co., Carr & I. C. R. R., New Orleans, La.
HART convertible ballast freight & gondola cars—Rodger Ballast Car Co., Railway Exchange bldg., Chicago, Ill.
HART hollow cap screws—H. C. Hart Mfg. Co., Unionville, Conn.
HART lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
HART packing—Hart Packing Co., 144 High, Boston, Mass.
HART padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
HART portable grain elevators, loaders & weighers—Hart Grain Weigher Co., Peoria, Ill.
HART sash holders—Hart Sash Holder Co., Lexington, Mo.
HART smut treaters—Fosston-Carpenter Co., St. Paul, Minn.
HART snap switches—Hart & Hegeman Mfg. Co., Hartford, Conn.
HART JUNIOR grain weighers & loaders—Hart Grain Weigher Co., Peoria, Ill.
HART NEW MODEL self-feeder—Hart Grain Weigher Co., Peoria, Ill.
HARTFORD ball cocks—Burlington Brass Works, Burlington, Wis.
HARTFORD cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
HARTFORD die & bench filing machines—Robinson Tool Works, Inc., Waterbury, Conn.
HARTFORD feed water heaters—Pratt & Cady Co., Inc., Hartford, Conn.
HARTFORD fire hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
HARTFORD lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
HARTFORD marine engines—Gray & Prior Machine Co., Hartford, Conn.
HARTFORD printing presses, embossing presses, surface grinders—National Machine Co., Hartford, Conn.
HARTFORD side weight horseshoes—Side Weight Horse Shoe Co., Mechanic, Hartford, Conn.
HARTFORD time switches—Hartford Time Switch Co., 71 Murray, New York
HARTHAN propeller wheels—McFarland Foundry & Machine Co., Trenton, N. J.
HARTLEY & KENYON surgical instruments—Pederson Lubricator Co., 644 First av, New York
HARTMAN center plates—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
HARTMAN center plates—Holden & White, 343 S Dearborn, Chicago, Ill.
HARTMAN center plates—Joliet Railway Supply Co., 4052 Princeton av, Chicago, Ill.
HARTMAN iron fences—Pettler Steel Mat & Mfg. Co., Beaver Falls, Pa.
HARTNESS automatic dies—Jones & Lamson Machine Co., Springfield, Vt.
HART-PARR tractors—Hart-Parr Co., Charles City, Ia.
HART'S trunk hinges—Stanley Works, New Britain, Conn.
HART SHAPE waffle irons—Andresen Hardware Co., Minneapolis, Minn.
HARTWICK concrete mixers—Hall-Holmes Mfg. Co., Jackson, Mich.
HARTWIG metallic shades—P.-R. Mfg. Co., Detroit, Mich.
HARVARD barn door latches & rails & hay carriers & tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
HARVARD blackboard surfacing material—Devoe & Raynolds Co., 101 Fulton, New York
HARVARD coal meters—O. D. Harvard Co., Scranton, Pa.
HARVARD spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.
HARVESTER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
HARVEY carbon removers—Harvey Chemical Co., Lafayette, Ind.
HARVEY equalizers—Harvey Spring & Forging Co., Racine, Wis.
HARVEY friction draft springs—Frost Railway Supply Co., Penobscot bldg., Detroit, Mich.
HARVEY GRIP track bolts—Kansas City Bolt & Nut Co., Kansas City, Mo.
HARVEST KING grindstones—Cleveland Stone Co., 1836 Euclid av, Cleveland, Ohio
HARWARD padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
HARWOOD automobile lighting & battery switches—Frank W. More, 289 Congress, Boston, Mass.
HASCO BRAND blocks, die, door stops, hickory handles, file & chisel handles—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.
HASKEW broom & mop handles—S. T. Haskew Co., Dept. H, Jackson, Tenn.
HASKINS flexible shafts—R. G. Haskins, 27 S. Desplaines, Chicago, Ill.
HASKINS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio
HASKINS mill gears—A. Garrison Foundry Co., 901 Bingham, Pittsburgh, Pa.

HASLUP barrows—Sidney Steel Scraper Co., Sidney, Ohio
HASTINGS step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
HATCH metallic packing—E. W. Hatch, 14 L, Boston, Mass.
HATCHING WONDER incubators & brooders—Geo. Ertel Co., Quincy, Ill.
HATFIELD rail joints—Hatfield Rail Joint Mfg. Co., Macon, Ga.
HAUCK sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.
HAVANA gas engines—Havana Mfg. Co., Havana, Ill.
HAVEMEYER concrete reinforcing bars & inserts—Concrete Steel Co., 42 B'way, New York
HAVEN floor scrapers—Haven Mfg. Co., Racine, Wis.
HAVEN'S comealongs—Mathias Klein & Sons., 3200 Belmont av, Chicago, Ill.
HAVEN'S linemen's splicing clamps—Smith & Hemenway Co., 261H Broadway, New York; 130H Coit, Irvington, N. J.
HAVEN'S linemen's splicing clamps—Columbus Handle & Tool Co., Columbus, Ind.
HAVILAND decorative enamel—Globe Varnish Co., Kelly & La Schell, Pittsburgh, Pa.
HAVOLINE automobile oils—Indian Refining Co., 244 Madison av, New York
HAWK hickory handles—Hartwell Handle Co., Harvey, Ill.
HAWK oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HAWK tool steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK ALLOY striking die steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK BRAND tool steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK HEADER DIE tool steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK SILVERWARE, striking die steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK SPECIAL tool steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWK VANADIUM tool steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
HAWKEYE cement—Hawkeye Portland Cement Co., Des Moines, Ia.
HAWKEYE grain cleaning & grading machinery, ratchet wrenches & self-feeders & band cutters for threshers, stock fountains—Maytag Co., Newton, Ia.
HAWKEYE incandescent lamp sockets—Electric Supply Co., Sioux City, Ia.
HAWKEYE lawn trimmers—Osmundson Spade Mfg. Co., Perry, Ia.
HAWKEYE pipe & engineers' wrenches—Hawkeye Wrench Co., Marshalltown, Ia.
HAWKEYE refrigerator baskets—Burlington Basket Co., Burlington, Ia.
HAWKEYE stump pullers—Milne Mfg. Co., Monmouth, Ill.
HAWKS range boiler stands—Hugo Mfg. Co., Duluth, Minn.
HAWLEY carpenters' clamps—J. W. Paxson Co., 1021 N. Delaware av, Phila., Pa.
HAWLEY molders' clamps—J. W. Paxson Co., 1021 N Delaware av, Phila., Pa.
HAWLEY-SCHWARTZ brass & metal melting furnaces—Hawley Down Draft Furnace Co., Easton, Pa.
HAWTHORNE electric bells—Western Electric Co., 463 West, New York
HAXTUN steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.
HAYDEN brass wrenches—Belden Machine Co., New Haven, Conn.
HAYDEN concrete building block machinery—Hayden Automatic Block Machine Co., Columbus, Ohio
HAYDEN pipe wrenches—Belden Machine Co., New Haven, Conn.
HAYDEN pipe wrenches—Haydenville Co., Haydenville, Mass.
HAYDENVILLE shower bath valves—Haydenville Co., Haydenville, Mass.
HAYES auger handles—Bonney Forge & Tool Works, Allentown, Pa.
HAYES car derailers—Hayes Track Appliance Co., Richmond, Ind.
HAYES cultivators, riding & walking listers, sanitary drinking fountains—Hayes Pump & Planter Co., Galva, Ill.
HAYES locomotive water strainers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
HAYGOOD dry closets—Dixie Culvert & Metal Co., Atlanta, Ga.
HAY KING horse presses—New Winona Mfg. Co., Winona, Minn.
HAYMAKER unloaders—F. E. Myers & Bro., Ashland, Ohio
HAYS draft recording gauges—Paul B. Huyette Co., 5H S 18th, Phila., Pa.
HAYS DAYTON hay rakes—Ohio Rake Co., Dayton, Ohio
HAYS gas analysis apparatus—Jos. W. Hays Corp., Michigan City, Ind.
HAYWARD life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
HAYWARD tank heaters—Butler Co., Butler, Ind.
HAZARD KENTUCKY RIFLE powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
HAZEN harrows & pulverizers—W. S. Hazen, Ripon, Wis.
HEADLIGHT arc light carbons—National Carbon Co., Madison av N. W. & N. 117th, Cleveland, Ohio
HEADLIGHT rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
HEALD magnetic chucks—Heald Machine Co., Worcester, Mass.
HEALD'S gear link drive chains—Union Malleable Iron Co., East Moline, Ill.
HEALTHGUARD dry earth closets—Dixie Culvert & Metal Co., Atlanta, Ga.
HEART belting—Graton & Knight Mfg. Co., Worcester, Mass.
HEART BEAT rock drill lubricators—Ingersoll-Rand Co., 11 Broadway, New York
HEARTLEY HOLD FAST ground mole traps—Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, Ohio
HEATH architectural bronze—J. S. Heath, Franklin & Ontario, Chicago, Ill.
HEATH carriage hubs—Shortsville Wheel Co., Shortsville, N. Y.
HEATHER oil & grease cups—Wm. Powell Co., Cincinnati, Ohio
HEATHER BRAND—Scotch gauge glasses—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
HEATON button fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
HEATON latch needles—Continental Latch Needle Co., 120 Liberty, New York
HEAVY A. wedge top shoe lasts & stands—Fate-Root-Heath Co., Plymouth, Ohio
HEAVY DUTY bench drilling machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
HEAVY DUTY gas & gasoline engine—Wright Machine Co., 405 E 2nd, Owensboro, Ky.
HEBERT piston rings—Hebert Mfg. Co., Franklin, N. H.
HECKLER pipe & pipeless furnaces—Heckler Bros., 919H Liberty av, Pittsburgh, Pa.
HECLA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
HECLA oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
HECLA packing—General Asbestos & Rubber Co., Charleston, S. C.
HECLABRONZE packing mfrs.—General Asbestos & Rubber Co., Charleston, S. C.
HECO spark plugs—Heinze Electric Co., Lowell, Mass.
HECTOR long fulcrum pumps—W. & B. Douglas, Middletown, Conn.
HECTOR rubber hose—Republic Rubber Co., Youngstown, Ohio
HEEBNER'S union fodder cutters—Heebner & Sons, Lansdale, Pa.
HEER gasoline traction engines—Heer Engine Co., Portsmouth, Ohio
HEEREN badges—International Register Co., 15 Throop, Chicago, Ill.
HEESEN farm boilers—Heesen Bros. Co., Tecumseh, Mich.
HEFT oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
HEICHSTADTER'S boiler compounds—Gallaway, G. W., 322 Pearl, New York
HEIDER tractors—Rock Island Plow Co., Rock Island, Ill.
HEILAND plumbing specialties—Garrison Brass & Machine Works, 107 W. 13th, New York
HEIM street sprinkling valves—B. Hoffman Mfg. Co., Milwaukee, Wis.
HEINE water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
HEINTZ steam traps—Wm. S. Haines & Co., 12th & Buttonwood, Phila., Pa.
HEINZE spark plugs—Heinze Electric Co., Lowell, Mass.
HEINZ-SKINNER acid fans—Stearns-Roger Mfg. Co., Denver, Colo.
HEIZMANN night latches—Penn Hardware Co., Reading, Pa.
HELDERBERG cement—Helderberg Cement Co., Albany, N. Y.
HELEN blast furnaces—Red River Co., Clarksville, Tenn.
HELE-SHAW automobile clutches—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
HELICAL bed springs—Wickwire Spencer Steel Corp., Worcester, Mass.
HELICORD packing—General Asbestos & Rubber Co., Charleston, S. C.
HELIOS packing—Crandall Packing Co., Palmyra, N. Y.
HELLER feed cutters—Heller-Aller Co., Napoleon, Ohio
HELLER'S alloy tool steel—Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
HELLO dry batteries—Stackpole Carbon Co., St. Marys, Pa.
HELM stock fountains—S. D. Helm Mfg. Co., Crawfordsville, Ind.
HELMET babbitt metal, journal bearings, abrasive discs, oil & grease cup lubricators, pipe taps & drills—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
HELMET belting & rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
HELMET window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd., Chicago, Ill.
HELN brick & block machines—Heln Brick Machine Co., Cadillac, Mich.
HELN dry batteries—Henry Wilhelm, 70 Frost, Brooklyn, N. Y.
HELOIS STINE sheet packing—Crandall Packing Co., Palmyra, N. Y.
HELPING HAND vegetable tongs—Hamblin & Russell Mfg. Co., Worcester, Mass.
HELPMATE milk bottle caps—Spahr Mfg. Co., 1423 Vine, Phila., Pa.
HELVETIA leather—G. Groezinger's Sons, Lancaster, Pa.
HELWIG pneumatic tools—Helwig Mfg. Co., St. Paul, Minn.
HEMEKE canvas stitched belting—Manheim Mfg. & Belting Co., Manheim, Pa.

HEMLOCK heating stove—B. C. Bibb Stove Co., 109 Light, Baltnmore, Md.
HEMM'S hay rack fixtures—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
HEMOFAM electric sign flashers—S. H. Hoggson & Co., 27 Thames, New York
HEMP fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
HEMPEL gas analysis apparatus—Elmer & Amend, 205 3rd av, New York
HEMPEL'S gas analaysis apparatus—Emil Greiner Co., 55 Fulton, New York
HEMPHILL knitting machines—Acme Knitting Machine & Needle Co., Franklin, N. H.
HENDERSHOT compression couplings—Valley Iron Works, Williamsport, Pa.
HENDERSON car signs—U. S. Electric Signal Co., West Newton, Mass.
HENDERSON motorcycles—Excelsior Motor Mfg. & Supply Co., 3701 Cortland, Chicago, Ill.
HENDERSON roof brackets—A. P. Henderson, Assinippi, Mass.
HENDEY shaper centers, lathes, milling machines, turret attachments; vises—Hendey Machine Co., Torrington, Conn.
HENDRYX mining agitators, cyanide plants—Hendryx Cyanide Machinery Co., 136 Liberty, New York
HENDRYX picture wire cord—A. B. Hendryx Co., 86 Audobon, New Haven, Conn.
HENGGI rail anchors & rail anti-creepers—P. & M. Co., 80 E. Jackson blvd., Chicago, Ill.
HENIS fruit presses—Silver & Co., 304 Hewes, Brooklyn, N. Y.
HENNEN'S calking putty—Weatherproof Calking Co., Minneapolis, Minn.
HENNEY spring wagons—Moline Plow Co., Moline, Ill.
HENNINGS steam & hot water heaters—Columbia Heater Co., Paterson, N. J.
HENRICI extractors — Lovewell-Henrici Co., Chelsea, Mass.
HENRY flue & tube cleaners—Steam Appliance Co., Milwaukee, Wis.
HENRY grease cups—Henry Mfg. & Grease Cup Co., Terre Haute, Ind.
HENRY mining screens—Webb City & Cartersville Foundry & Machine Works, Webb City, Mo.
HENRY CLAY pig iron—Empire Steel & Iron Co., Catasauqua, Pa.
HENZEL fishing hooks—J. G. Henzel, 4153 W Van Bureau.
HERBERT file testing & indicating machines—Olsen Tinius Testing Machine Co., 500 N. 12th, Phila., Pa.
HERBERT horse pokes—Lansing Co., Lansing, Mich.
HERBERT steam & hot water heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
HERBICIDE weed killer—Reade Mfg. Co., Hoboken, N. J.
HERCULEAN signal lamps—Dressel Railway Lamp Works, 3868 Park av, New York
HERCULES attrition mills—Barnard & Leas Mfg. Co., Moline, Ill.
HERCULES auto creepers, coaster wagons, flexible steel belt conveyors, tool racks, steel mats—La Porte Mat. & Mfg. Co., La Porte, Ind.
HERCULES automobile tire bolders—Western Brass Mfg. Works, 2007 Marshall blvd, Chicago, Ill.
HERCULES babbitt metal—Paul R. Brown Co., 101 Warren, New York
HERCULES bale ties—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio.
HERCULES barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
HERCULES bed springs & motor hods—Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, Ohio
HERCULES belt lacing, dressing & mfrs.—Hercules Belt Lace Mfg. Co., 6725-6731 Clyde av, Chicago, Ill.
HERCULES belt lacing—Page Belting Co., Concord, N. H.
HERCULES belting, hose, rubber matting, packing, tubing—Quaker City Rubber Co., 629 Market, Phila., Pa.
HERCULES blasting powder, dynamite, blasting machines & supplies—Hercules Powder Co., Wilmington, Del.
HERCULES can openers—Bradley & Farnham, Middlefield, Conn.
HERCULES can openers—Ellis Mfg. Co., Milldale, Conn.
HERCULES car bumping posts—John M. Scott & Sons, Racine, Wis.
HERCULES car movers—Marseilles Wks. of Deere & Co., East Moline, Ill.
HERCULES casters—O. P. Schriver & Co., 621 E. Pearl, Cincinnati, Ohio
HERCULES chain—Columbus McKinnon Chain Co., Columbus, Ohio
HERCULES children's vehicles—Kirk-Latty Mfg. Co., 1971 W. 85th, Cleveland, Ohio
HERCULES chilled mine car wheels—Duncan Foundry & Machine Works, Alton, Ill.
HERCULES closet seats—Becker Mfg. Co., Marietta, Ohio
HERCULES concrete building block machinery—Willsea Works, 60H Brown's Race, Rochester, N. Y.
HERCULES copper floats & air chambers—Hercules Float Works, 200 Franklin, Springfield, Mass.
HERCULES corn & cob mills—Wolf & Co., Chambersburg, Pa.
HERCULES door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
HERCULES dry batteries—National Carbon Co., Madison av W. N. & W. 117th, Cleveland, Ohio
HERCULES end cutting nippers & screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
HERCULES extension scaffold ladders — Samuel Cupples Woodenware Co., 7th & Spruce, St. Louis, Mo.
HERCULES fence pliers—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
HERCULES fence posts—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
HERCULES fire proof columns—Pfaff & Kendall, 655 Ferry, Newark, N. J.
HERCULES friction clutch pulleys—Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
HERCULES furnace cements—Cambria Paint & Color Co., Johnstown, Pa.
HERCULES hay carriers—Goshen Mfg. Co., Goshen, Ind.
HERCULES hay presses—J. A. Spencer, Dwight, Ill.
HERCULES insulating paper—Standard Paint Co., 233 Broadway, New York
HERCULES iron bar & rod cutters, wire cutters, bar & plate shears—W. B. & C. F. Tucker, 516 Asylum, Hartford, Conn.
HERCULES lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HERCULES mangles—American-Norwood Laundry Machinery Co., 6th & Baymiller, Cincinnati, Ohio
HERCULES metal punches—Chas. Morrill, 100 Lafayette, New York
HERCULES packing—Vulcan Asbestos Mfg. Co., 95 Broad, New York
HERCULES packing & hose—Empire Tire & Rubber Corp, Trenton, N. J.
HERCULES plows—Munnsville Plow Co., Munnsville, N. Y.
HERCULES post hole diggers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
HERCULES post hole diggers—F. E. Kohler Co., Canton, Ohio
HERCULES post hole diggers—Seymour Mfg. Co., Seymour, Ind.
HERCULES rock crushers—Joshua Hendy Iron Works, 75 Fremont, San Francisco, Cal.
HERCULES roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
HERCULES rule cutter—J. F. Helmold & Bros., 1462 Hamburg, Chicago, Ill.
HERCULES sample cases—Fibre Specialty Mfg. Co., Kennett Square, Pa.
HERCULES shoe lasts & stands—Fate-Root-Heath Co., Plymouth, Ohio
HERCULES solid weld chains—Columbus McKinnon Chain Co., Columbus, Ohio
HERCULES spark plugs—Eclipse Mfg. Co., Indianapolis, Ind.
HERCULES steel piles—Underpinning & Foundation Co., 290 Broadway, New York
HERCULES steel shipping barrels—Metal Barrel Co., Galesburg, Ill.
HERCULES step ladders—Geo. S. Fox, 139 N. 6th, Phila., Pa.
HERCULES strain insulators—Electric Railway Equipment Co., Cincinnati, Ohio
HERCULES stump pullers—Hercules Mfg. Co., Centerville, Ia.
HERCULES tire setters & wheelbox presses—Lourie Mfg. Co., Springfield, Ill.
HERCULES trucks—Illinois Iron & Bolt Co., Carpentersville, Ill.
HERCULES tug hooks—North & Judd Mfg. Co., New Britain, Conn.
HERCULES turbine water wheels—Holyoke Machine Co., Worcester, Mass.
HERCULES 2 in 1 belt dressing—Hercules Belt Lace Mfg. Co., 6725-6731 Clyde av, Chicago, Ill.
HERCULES ventilators—Berger Bros. Co., 229 Arch, Phila., Pa.
HERCULES vises—Bonney Forge & Tool Works, Allentown, Pa.
HERCULES water motors—Jno. W. Russell & Sons Co., Springfield, Mass.
HERCULES waterproofing materials—Hercules Waterproof Cement Co., Buffalo, N. Y.
HERCULES wire rope & cables—A. Leschen & Sons Rope Co., 920 N. 1st, St. Louis, Mo.
HERCULES wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.
HERCULES NO. 300—Smokeless Rifle Powder Co., Wilmington, Del.
HERCULES-ELECTRIC chemical centrifugals—East Jersey Pipe Co., Dept. H, Paterson, N. J.
HERCULES EXTRA L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES GELATIN L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES NUEVO steam engines & tubular boilers—Mason, Marcus & Co., Inc., 201 Devonshire, Boston, Mass.
HERCULES RED LABEL blasting batteries—National Carbon Co., Madison av N. W. & W 117th, Cleveland, Ohio
HERKEN friction clutch pulleys—Minster Machine Co., Minster, Ohio
HER-K-ULES grab hooks—J. D. Street & Co., 41st & Pk., St. Louis, Mo.
HERLTH planers parallels—O. B. Herlth Mfg. Co., Inc., 32 Union pl, Hartford, Conn.
HERMAN foundry molding machines—Herman Pneumatic Machine Co., Zelienople, Pa.
HERMANSIN heat treating furnaces—Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
HERMASTIC paints—American Bitumastic Enamels Co., 17 Battery pl, New York
HERMETIC hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.

HERM-I-SEAL roofing paints—Federal Process Co., Cleveland, Ohio
HERMITAGE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
HERMITAGE ranges & stoves—Gray & Dudley Hdwe. Co., Nashville, Tenn.
HERO air, water, steam & suction hose & packing—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
HERO combination pliers & nippers, gas pliers—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
HERO corn cleaners, grain graders—Twin City Separator Co., Minneapolis, Minn.
HERO corn shellers—Mountville Mfg. Co., Mountville, Pa.
HERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
HERO drag sawing machines & feed grinding mills—Appleton Mfg. Co., Batavia, Ill.
HERO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
HERO lawn sprinklers, engine & machine oilers, aluminum drinking cups—Hero Mfg. Co., Westmoreland av. & Stokley, Phila., Pa.
HERO rubber hose—Empire Tire & Rubber Corp., Trenton, N. J.
HERO waterproof belting—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
HERON tips—Heron Mfg. Co., Utica, N. Y.
HERRESHOFF roasting furnaces—General Chemical Co., 25 B'way, New York
HERRESHOFF smelting furnaces—Nichols Copper Co., 25 Broad, New York
HERRICK grate bar—Geo. S. Herrick, Syracuse, N. Y.
HERRINGBONE expanded metal lath—General Fireproofing Co., Youngstown, Ohio
HERRINGBONE galvanized wall ties—Merwin Mfg. Co., Erie, Pa.
HERSCHEL lawn mowers & sickel grinders—E. Herschel Mfg. Co., Peoria, Ill.
HERSHLER faultless ball cocks—Schild Specialty Co., 111 High, Cleveland, Ohio
HESHE soap liniment—Gartside's Iron Rust Soap Co., Dept. H, 4054½ Lancaster, Phila., Pa.
HESS hot air furnaces, metallic lockers—Hess Warming & Ventilating Co., 1211 S. Western av, Chicago, Ill.
HESS iron flumes—Hardesty Mfg. Co., Denver, Colo.
HESS water closets—Chas. Hess Co., 96 Wall, New York
HESS-BRIGHT combined radial & thrust bearings—Hess-Bright Mfg. Co., Front & Erie av, Phila., Pa.
HESSION kerosene farm tillers—Hession Tiller & Tractor Corp., Buffalo, N. Y.
HESSLER rural mail boxes—H. E. Hessler Co., Syracuse, N. Y.
HESTON blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
HETTRICK'S belting—Hettrick Mfg. Co., Toledo, Ohio
HEUGHES joist hangers & post caps—F. L. Heughes & Co., Rochester, N. Y.
HEVEA sheet packing—W. H. Salisbury & Co., 308 N. Madison, Chicago, Ill.
HEWITT hose & packing—Hewitt Rubber Co., Buffalo, N. Y.
HEWITT MAGNUS heavy weight air drill hose—Hewitt Rubber Co., Buffalo, N. Y.
HEWITT motor fire engines—International Motor Co., 262 W. 64th, New York
HEWLETT core making machines—Wm. Demmler & Bros., Kewanee, Ill.
HEX adjustable wrenches—Walworth Mfg. Co., 798 1st, Boston, Mass.
HEX padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
HEXAGON analytical scales, electric heaters & ovens—Schaar & Co., 1025 S. State, Chicago, Ill.
HEXAGON pipe joint compounds—Chester Graphite Co., Chester Springs, Pa.
HEXAGON post hole diggers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
HEXALL wrenches—R. F. Sedgley, 2311 N 16th, Phila., Pa.
HI-ART sheet steel ceilings—W. F. Norman Sheet Metal Mfg. Co., Nevada, Mo.
HIAWATHA guy anchors—Hallett Iron Works, Harvey, Ill.
HIBBS assayers' furnaces—J. & H. Berge, 95 John, New York
HIB-SPE-BAR washing machines, tool handles, etc.—Hibbard Spencer Bartlett & Co., 303 N. State, Chicago, Ill.
HI-CARBON case hardening compounds—Bell & Gossett, 609 W 30th, Chicago, Ill.
HICK rip saw machines—Woods Engineering Co., Alliance, Ohio
HICKORY children's vehicles—Martin & Heagy Mfg. Co., Elizabethtown, Pa.
HICKORY equalizers—Fort Smith Rim & Bow Co., Ft. Smith, Ark.
HICKORY farm wagons—Hackney Wagon Co., Wilson, N. C.
HICKORY NUT carriage wheels—Crane & MacMahon, 10 Bridge, New York
HICKS belt fasteners—E. Jencks Mfg. Co., Worcester, Mass.
HI-COMP piston rings—Continental Piston Ring Co., Memphis, Tenn.
HIDE roll feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
HIGBIE oat cleaners—F. P. Smith Wire & Iron Work, 2340-48 Clybourn av, Chicago, Ill.
HIGGIN steel anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
HIGGINS flue stops—Andrews Wire & Iron Works, Rockford, Ill.
HIGGINS picks—John C. Higgins, 812 W Kinzie, Chicago, Ill.
HIGGINSON white cements & prepared mortar—Higginson Mfg. Co., Newburgh, N. Y.
HIGH GRADE electric motor & dynamos—Eck Dynamo & Motor Co., Belleville, N. J.
HIGH GRADE green soap—Columbus Chemical Co., 3725 Langley av, Chicago, Ill.
HIGH GRADE leather packing—Michigan Leather Packing Co., 110 Antoine, Detroit, Mich.
HIGH GRIP animal traps—Triumph Trap Co., Inc., Oneida, N. Y.
HIGHLAND cast iron pipe coatings—Highland Chemical Products Co., Connellsville, Pa.
HIGHLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
HIGH LIFT feed carriers—Louden Machinery Co., Fairfield, Ia.
HIGH LOW JACK screws—West Haven Mfg. Co., West Haven, Conn.
HIGH PRESSURE brazing compound—National Rubber & Specialties Co., Cincinnati, Ohio
HIGH SHINE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
HIGH SPEED belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
HIGH SPEED change carriers—McGill Metal Products Co., 1640 Walnut, Chicago, Ill.
HIGH SPEED lawn mowers—Dille & McGuire Co., Richmond, Ind.
HIGH SPEED rivet spinning machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
HIGH SPEED tube expander—A. L. Henderer's & Sons, Wilmington, Del.
HIGH TEST rubber hose—Empire Tire & Rubber Corp., Trenton, N. J.
HIGHTON hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
HIGRADE rubber bottles—Tyer Rubber Co., Andover, Mass.
HIGRADE steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th
HI-HEAT packing—Revere Rubber Co., Chelsea, Mass.
HILDEBRANDT fishing tackle—John J. Hildebrandt Co., Logansport, Ind.
HILGER spectroscopes & polariscopes—Eimer & Amend, 205 3rd av, New York
HILKER self-wringing mops, shoe cleaners, floor oils—Edw. Hilker Mop Co., 2614 W. Grand av, Chicago, Ill.
HILL automobile seats, wind shields—Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.
HILL calf weaners, corn huskers & corn husking pins—Decatur Novelty Works, Decatur, Ill.
HILL cinder grinders—Eastern Machinery Co., New Haven, Conn.
HILL clothes dryers—Hill Clothes Dryer Co., Worcester, Mass.
HILL cold-saw cutting-off machines, boring tools, key seating tools, lathe tools, vises—Union Tool Co., Orange, Mass.
HILL collar oiling bearings—Hill Clutch Co., 1000 W. 58th, Cleveland, Ohio
HILL crank turning device—Hill-Standard Mfg. Co., Anderson, Ind.
HILL diagonal paper cutting machines—Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
HILL friction clutches—Hill Clutch Co., W. 65th, Cleveland, O.
HILL hog ringers & tongs—F. P. Smith & Co., Sharon Hill, Pa.
HILL hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
HILL lathe dogs—Ready Tool Co., Bridgeport, Conn.
HILL pump valves & safety gauge glasses—Hill Pump Valve Co., Archer av, Canal & 23rd, Chicago, Ill.
HILL tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
HILL-CANTON cabinet hot air clothes dryers—Hill Clothes Dryer Co., Worcester, Mass.
HILL FOR DRILL PRESS drilling vises—Union Tool Co., Orange, Mass.
HILL HIGH SPEED cutting off tools—Union Tool Co., Orange, Mass.
HILLIARD friction clutches—Hilliard Clutch & Machinery Co., Elmira, N. Y.
HILLMAN automobile wind shields—Hillman Auto Supply Co., 98 Massachusetts av, Boston, Mass.
HILL I. X. X. X. roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
HILLS anvils—Millers Falls Co., 28 Warren, New York
HILLS core compounds—Hill Brunner Foundry Supply Co., 637 Evans, Cincinnati, Ohio
HILLS hog ringers—Decker Mfg. Co., Keokuk, Iowa.
HILLS inside folding blinds—Union Blind & Ladder Co., Oakland, Cal.
HILLS log turners—Phoenix Mfg. Co., Eau Claire, Wis.
HILLS pipe threading dies—Walworth Mfg. Co., Boston, Mass.
HI-LO automobile horns—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
HILO carriage top dressing, japans, paint & varnish remover—Hilo Varnish Corp., Marcy av, Brooklyn, N. Y.
HI-LO automobile jacks—Rowe Calk & Chain Co., Plantsville, Conn.
HI-LO disc harrows—Ohio Cultivator Co., Bellevue, Ohio
HI-LOW drafting tables—F. O. Weydell, 12 S Clinton, Chicago, Ill.
HILSBOROUGH calcined plaster—J. B. King & Co., 17 State, New York
HILTON carpet beaters—Fernald Mfg. Co., North East, Pa.
HILTS adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.

HINDLEY gears & screw—Hindley Gear Co., 1105 Frankford av, Phila., Pa.
HINDLEY worm gears—Boston Gear Works, Quincy, Mass.
HINDOSTAN oil & water stones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
HINDVIEW auto dashboard mirrors—Kales Stamping Co., 441 W Lafayette, Detroit, Mich.
HINE'S eliminators, steam separators, oil extractors —Jas. L. Robertson & Sons, 78 Murray, New York
HINGE-STAY-ON door hangers — G. A. Swineford Co., Canton, Ohio
HINMAN bench shears—D. A. Hinman & Co., Sandwich, Ill.
HINMAN station meters — D. McDonald & Co., Albany, N. Y
HINMAN station meters—Nathaniel Tufts, Meter Co., 455 Commercial, Boston, Mass.
HINSDALE screw drivers, screw driver bits—C. E. Jennings & Co., 71 Murray, New York
HINSON automobile belts—C. & B. Hinson Co., 1511 Chase, Cincinnati, Ohio
HINSON car brakes, car couplers, draft gear, emergency steel knuckles—National Car Coupler Co., 332 S. Michigan av, Chicago, Ill.
HI PO dry batteries—Lincoln Electric Co., E 38th & Kelley, Cleveland, Ohio
HIPPO belting—J. Bachmann & Co., 16 Reade, New York
HIPPO belting, belt cements—Reed & Duecker, Memphis, Tenn.
HIPPO rubber belting, rubber hose & oiled clothing—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
HIRAM cultivators—Rockford Mfg. Co., Rockford, Ill.
HIRDS dome fireplace dampers—Adams Co., Dubuque, Ia.
HIRED HAND gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
HIRED MAN gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
HIRSCH miners' lamps—Hirsch Electric Mine Lamp Co., 227 N. 23rd, Phila., Pa.
HIRSH root cutters—Hirsh Bros., 267 Reed, Milwaukee, Wis.
HISEY electric drills & grinders—Hisey-Wolf Machine Co., Cincinnati, Ohio
HIST'S potato diggers—Akron Cultivator Co., Akron, Ohio
HITCHCOCK potato diggers—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
HI-TEST rubber gloves—Faultless Rubber Co., Ashland, Ohio
HI-UP dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
HIVOL insulator pins—Electrical Material Co., 618 W. Jackson blvd., Chicago, Ill.
HI-VOLTAGE rubber gloves—Faultless Rubber Co., Ashland, Ohio
HYORTH bent nose pliers—Wm. Hyorth & Co., Jamestown, N. Y.
HOADLEY snow shovels—B. W. Aldrich & Co., Wallingford, Vt.
HOAG dusters & dust cloths—Hoag Duster Co., Monticello, Ia.
HOBART electric & gasoline coffee & bone mills—Hobart Mfg. Co., Troy, Ohio
HOBO storage batteries—Hoosier Storage Battery Co., Evansville, Ind.
HOCKEY ice skates—Nestor Johnson, 1237 N. California av, Chicago, Ill.
HOCKING Valley feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
HODELL chains—Chain Products Co., 3924 Cooper av, Cleveland, Ohio
HODGES loose pulley oilers—McNab & Harlin Mfg. Co., 55 John, New York
HODGES & CRAVERS grain headers—Acme Harvesting Machine Co., Peoria, Ill.
HODGMAN carriage robes—Hodgman Rubber Co., 8 W. 40th, New York
HOEFER bench drilling machines—Hoefer Mfg. Co., Freeport, Ill.
HOERLEIN bakers' gas stoves—F. G. Hoerlein, 200 Nostrand av, Brooklyn, N. Y.
HOERR car doors & fittings, draft gear, fish hook plates—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
HOEVEL sand blast machines—Hoevel Mfg. Corp., 166 Ogden av, Jersey City, N. J.
HOFFITE asbestos flooring & fireproof paint—Hoff Magnesite Co., Monadnock bldg, San Francisco, Cal.
HOFFITE ASBESTOS fireproof paints, stucco & wall boards—Hoff Magnesite Co., Monadnock bldg, San Francisco, Cal.
HOFFITE PLASTIC asbestos roofing & building lumber—Hoff Magnesite Co., Monadnock bldg, San Francisco, Cal.
HOFFMAN back pressure valves & steam traps—B. Hoffmann Mfg. Co., Milwaukee, Wis.
HOFFMAN bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
HOFFMAN clothes pressing machines—U. S. Hoffman Co., Syracuse, N. Y.
HOFFMAN thermostat valves & automatic heaters—Hoffman Heater Co., Lorain, Ohio
HOGAN SILENT ROENTGEN transformers—McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.
HOGGSON time stamps—S. H. Hoggson & Co., 27 Thames, New York
HOJOCA water closets—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
HOKE precision size blocks—Pratt & Whitney Co., 111 Broadway, New York
HOKE traction engines—Hoke Tractor Co., South Bend, Ind.
HOLCKER-ELBERG automobile wind shields—Holcker-Elberg Mfg. Co., Kansas City, Mo.
HOLD-EM rat traps—Worcester Wire Novelty Co., Emerson Tower bldg, Baltimore, Md.
HOLD HEET heaters, irons, radiators, stoves, toasters, heating pads, glue & solder pots—Russell Electric Co., 140 W. Austin, Chicago, Ill.
HOLDEN coal & gas heaters—Knight & Jillson Co., Indianapolis, Ind.
HOLDFAST clothes line hooks—Tie Co., Unadilla, N. Y.
HOLD FAST clothes pins—Demeritt Co., Waterbury, Vt.
HOLDFAST hame fasteners & harness snaps—Covert Mfg. Co., Troy, N. Y.
HOLDFAST hedge shears—Jos. F. McCoy Co., 157 Chambers, New York
HOLDFAST lamp guards & lamp changers—W. N. Matthews & Bro., 2922 Easton av, St. Louis, Mo.
HOLDFAST match safes—Hess & Son, 2910 N 16th, Phila., Pa.
HOLDFAST paste—National Insulating & Mfg. Co., Indianapolis, Ind.
HOLD FAST tap wrenches—West Haven Mfg. Co., West Haven, Conn.
HOLDFAST tire fluid—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
HOLDFAST window casement adjusters — Casement Hardware Co., 9 S. Clinton, Chicago, Ill.
HOT HEET electric combs, hair dryers, curling irons, marcel wavers, toy ovens, hot plates, heating pads, glue & solder pots, sad irons, grill stoves, toasters & vibrators—Russell Electric Co., 140 W Austin av, Chicago, Ill.
HOLD TIGHT iron & steel filler cements—Turner, J. S., Mfg. Co., Lowell, Mass.
HOLD TITE lock nuts & Washers—Steel Specialties Co., Dept. H, Wakefield, Mass.
HOLD-WIRE electric wiring moldings—Hitchner Wall Paper Co., Dept. H, Camden, N. J.
HOLETITE spiral packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
HOLICO automatic wood turners, tinware, wash boilers, wood letters, etc.—Home Light Co. of America, 1955 Park av, New York
HOL-KEN switch boxes—Geo. H. Rice Co., 431 E. 23rd, New York
HOLLAND draft springs—D. F. Tanner, Holland, N. Y.
HOLLAND flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
HOLLAND sheet cutters—Holland Trolley Supply Co., 1623 E. 43rd, Cleveland, Ohio
HOLLERITH tabulating machines — Tabulating Machine Co., 1054 31st, Washington D. C.
HOLLEY carburetors—Holley Carburetor Co., 145 Mellis av E, Detroit, Mich.
HOLLINGSHEAD lubricating oils & greases, carriage top dressing, patent leather enamels, oil soap—R. M. Hollingshead Co., Camden, N. J.
HOLLO WEIS steel window frame—Henry Weis Cornice Co., Kansas City, Mo.
HOLLOW CABLE lightning rods—Hollow Cable Mfg. Co., Hornell, N. Y.
HOLLY farm wagons—Patterson Mfg. Co., Holly, Mich.
HOLLY steam meters & steam traps—American District Steam Co., North Tonawanda, N. Y.
HOLLY wire glass—Western Glass Co., Streator, Ill.
HOLLYWOOD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.
HOLLYWOOD conveyor belting & packing—Hewitt Rubber Co., Buffalo, N. Y.
HOLM tapping attachments—Whitney Mfg. Co., Hartford, Conn.
HOLMAN pneumatic rock drills—Mine & Smelter Supply Co., 42 Broadway, New York
HOLMES bung boring machines—E. & B. Holmes Machinery Co., Buffalo, N. Y.
HOLMES little giant tractors—Holmes Tractor Co., Port Clinton, Ohio
HOLMES mine hoists—Robt. Holmes & Bros., Danville, Ill.
HOLMES wall beds—Holmes Disappearing Bed Co., Pacific Electric bldg, Los Angeles, Cal.
HOLOPHANE glass shades & reflectors—Holophane Glass Co., 340 Madison av, New York
HOLOSHADE standard sockets—H. T. Paiste Co., 3201 Arch, Phila., Pa.
HOLT engine starters—Holt Electric Co., 379 S. Pierce, Milwaukee, Wis.
HOLT farm boilers—Holt Mfg. Co., Stockton, Cal.
HOLT pattern saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
HOLT saw sets—G. L. Holt Co., Hartford, Conn.
HOLT suction strainers—Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
HOLTON cutting-off machines—Etna Machine Co., Toledo, Ohio
HOLTS lightning hay knives—Dunn Edge Tool Co., Oakland, Me.
HOLTS IMPROVED DOVER egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.
HOLYOKE fire hydrants—Norwood Engineering Co., Florence, Mass.
HOLYOKE pen & pencil clips—L. D. Van Valkenburg Co., Holyoke, Mass.
HOLYOKE water heaters—Holyoke Heater Co., Holyoke, Mass.
HOMASOTE fibre & wall boards—Pantasote Co., 11 Broadway, New York
HOME carpet sweepers—Santo Vacuum Cleaner Co., 820 6th av, New York
HOME cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio

HOME glue pots—Reading Saddle & Mfg. Co., Reading, Pa.
HOME lubricating oils—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
HOME—medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
HOME mops—C. H. Ellert, Evansville, Ind.
HOME nut crackers & picks—Schroeter Bros. Hdw. Co., 810 Washington av, St. Louis, Mo.
HOME BUTTER MAKER churns—Standard Churn Co., Wapakoneta, Ohio
HOME COMFORT lawn swings—H. C. Canfield, Batesville, Ind.
HOME GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
HOME-KISSED curtain stretchers, ironing boards—Holmquist & Co., 2814 W. 26th, Chicago, Ill.
HOMESTEAD steam heaters—H. B. Smith Co., Westfield, Mass.
HOMESTEAD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
HOMESTEAD valves—Homestead Valve Mfg. Co., Homestead, Pa.
HOME VICTOR water heaters—S. V. Reeves, 45 N. 2d, Phila., Pa.
HOMEWOOD syphon action with jet water closets—Central Metal & Supply Co., 611 E Lombard, Baltimore, Md.
HOMOGEN case hardening compounds—Case Hardening Service Co., 2279 Scranton rd, Cleveland, Ohio
HONEST JOHN neck yoke centers—Racine General Mfg. Co., Racine, Wis.
HONEYCOMB mitre boxes—Rockford Mitre Box Co., Rockford, Ill.
HONEYCOMB radiators—Western Radiator Co., 410 N Western av, Chicago, Ill.
HONEYCOMB water cooling radiators—Detroit Auto Specialty Co., 909 Greenwood av, Detroit, Mich.
HONEYCOMB water cooling radiators—Fedders Mfg. Co., Buffalo, N. Y.
HONEYWELL damper regulators & hot water radiator valves—Honeywell Heating Specialty Co., Wabash, Ind.
HOOD stove pipe dampers—Hood Furnace & Supply Co., Corning, N. Y.
HOO-HOO babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
HOO-HOO saw guides—Reed Hardware & Mfg. Co., Cairo, Ill.
HOOKER air compressors & pumps—Reliance Machine & Tool Works, Channing & Franklin av, St. Louis, Mo.
HOOKER fire hydrants—McKim Foundry & Machine Co., Lockport, N. Y.
HOOPER pumps—W. T. Garratt & Co., 299 Fremont, San Francisco, Cal.
HOOPER rural mail boxes—Jno. F. Heine & Son, Hooper, Neb.
HOOPES bridges—Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
HOOSIER calf weaners—Barbee Wire & Iron Wks., 111 W Washington, Chicago, Ill.
HOOSIC corn poppers—Chas. M. Dorr Co., Hoosick Falls, N. Y.
HOOSIER corn planters, grain drills, seeders, sowers—International Harvester Company of America (Inc.), Harvester bldg., Chicago, Ill.
HOOSIER disc furrowing attachments—American Seeding Machine Co., Springfield, Ohio
HOOSIER drilling machines & machine vises—Hoosier Drilling Machine Co., Goshen, Ind.
HOOSIER kitchen cabinets—Hoosier Mfg. Co., New Castle, Ind.
HOOSIER lawn sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.
HOOSIER pumping jacks, pumps, tanks & float valves for tanks, power working jacks—Flint & Walling Mfg. Co., Kendallville, Ind.
HOOSIER saw bucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
HOOSIER steam engine governors & rip saw machines, band saw mills, box makers' machy.—Sinker-Davis Co., Indianapolis, Ind.
HOOSIER tractor engines—Leo Rumely Tractor Co., La Porte, Ind.
HOOSIER vacuum cleaners & carpet sweepers—Peoria Can Co., Peoria, Ill.
HOOSIER wagon skeins—American Skein & Foundry Co., Racine, Wis.
HOOVER automobile bumpers—Hoover Spring Co., 201-223H Franklin, San Francisco, Cal.
HOOVER electric vacuum carpet sweepers—Hoover Suction Sweeper Co., N. Canton, Ohio.
HOOVER potato diggers—Hoover Mfg. Co., Avery, Ohio
HOOVER radiators—Western Radiator Co., 410 N Western av, Chicago, Ill.
HOOZIER calf weaners—Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
HOPACO packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.
HOPEDALE warpers—Draper Corp., Hopedale, Mass.
HOPEINS hydrant wrenches—Chas. E. Berry, Somerville, Mass.
HOPKINS typewriters—Moon-Hopkins Billing Machine Co., 2235 O'Fallon, St. Louis, Mo.
HOPKINS wrapping paper—New York Roll Wrapping Paper Co., 84 Beekman, New York
HOPKINSON-THRING torsien meters—McNab Co., Bridgeport, Conn.
HOPPEN grindstone boxes & frames & grindstone truing device—J. E. Hoppen & Sons, Belleville, N. J.
HOPPER can openers—Wrightsville Hardware Co., Wrightsville, Pa.
HOP RIVER chair seats—National Seat & Novelty Mfg. Co., Hop River, Conn.
HOPSON steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
HOP TOAD hose—Empire Tire & Rubber Corp., Trenton, N. J.
HORIZONTAL sugar cane mills, Southrern Plow Co., Columbus, Ga.
HORIZONTAL JUNIOR metal cutting-off machines—Metal Saw & Machine Co., Inc., Springfield, Mass.
HORIZONTAL NAPIER metal cutting-off machines—Metal Saw & Machine Co., Inc., Springfield, Mass.
HORN FIBRE boot & shoe fibre counters—Rogers Fibre Co., 120 Beach, Boston, Mass.
HORNSBURG hot air furnaces—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
HORROCK winders—F. A. & P. Hall, Lawrence, Mass.
HORSEHEAD oxide of zinc & spelter—New Jersey Zinc Co., 160 Front, New York
HORSELINE lubricating oils & greases—R. J. Kanter Co., 647 Water, New York
HORSESHOE MAGNET tack hammers—Arthur R. Robertson, 144 Oliver, Boston, Mass.
HORSESHOER anvils—Fisher & Norris, Trenton, N. J.
HORSFIELD tap wrenches—S. W. Card Mfg. Co., Mansfield, Mass.
HORSELEY flanged boiler nozzles—Jos. T. Ryerson & Son, 2558 W 16th, Chicago, Ill.
HORTON drill chucks—E. Horton & Son Co., Windsor Locks, Conn.
HORTON washing machines—Horton Mfg. Co., Fort Wayne, Ind.
HOSKINS electric furnaces—Eimer & Amend, 205 3rd av, New York
HOSKINS electric furnaces—Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
HOSPITAL absorbent cotton—American Gauze & Cotton Co., Inc., 407 8th, St. Louis, Mo.
HOSPITAL absorbent cotton—Maplewood Mills, Fall River, Mass.
HOSPITAL closets—Crane Co., 836 S Michigan av, Chicago, Ill.
HOSPITAL plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HOT blast blow torches—Turner Brass Works, Sycamore, Ill.
HOTAKOLD vacuum bottles—Vacuum Specialty Co., 200 5th av, New York
HOTCHKISS boiler flue & tube cleaners—Leonard & Rubber Co., Cambridge, Mass.
HOTCHKISS curb forms—Hotchkiss Metal Form Co., Binghamton, N. Y.
HOT HOUSE hose nozzles—Boston Woven Hose & McCoy, 161 Washington, New York
HOT POINT electric sad irons—Edison Electric Appliance Co. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill
HOT SHOT spark plugs—K-W Ignition Co., Chester av & E 30th, Cleveland, Ohio
HOT SPARK spark plugs—Guarantee Tire & Rubber Co., Indianapolis, Ind.
HOT SPOT gas heaters—Reliable Stove Co., Div. of Am. Stove Co., 1787 E. 40th, Cleveland, Ohio
HOT STUFF lubricators—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
HOT STUFF tank heaters—Butler Co., Butler, Ind.
HOTTENTOT gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
HOUCHIN'S alcohol stoves, gas lighters, faucet filters, insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
HOUGHTALING reducing motions—Ashcroft Mfg. Co., 119 W. 40th, New York
HOUGHTOLARD cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
HOUGHTON oil filters, case hardening compounds, disinfectants—E. F. Houghton & Co., 240 Somerset, Phila., Pa.
HOUSATONIC bond paper—B. D. Rising Paper Co., Housatonic, Mass.
HOUSE cold tire setters—House Cold Tire Setter Co., 4143 Laaclede, St. Louis, Mo.
HOUSEHOLD coffee mills—Mirroscope Co., Cleveland, Ohio
HOUSEHOLD gas ranges—White-Warner Co., Taunton, Mass.
HOUSEHOLD medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
HOUSTON locomotive sanders—United States Metalic Packing Co., 221 N. 13th, Phila., Pa.
HOUTS axle grease & soap powders—Cortland Specialty Co., Cortland, N. Y.
HOVELAND tile ditching machines—St. Paul Machinery Mfg. Co., Como & Marion, St. Paul, Minn.
HOVEYS EAGLE calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
HOWARD damper regulators—Howard Thermostat Department of Steam Carriage Boiler Co., Oswego, N. Y.
HOWARD dusters, floor brushes & dust cloths—Howard Dustless Duster Co., 290 Franklin, Boston, Mass.
HOWARD electric watchman clocks—E. Howard Clock Co., Bramfield & Washington, Boston, Mass.
HOWARD self-oiling hangers—Olney & Warrin, 301 Lafayette, New York
HOWARDS asphalt roofing & sheet roofing fasteners—Usona Mfg. Co., Aurora, Ill.
HOWARDS benzoic acid & caffeine—National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
HOWARDS swinging hose reels—H. J. M. Howard Mfg. Co., 150 Pierce, N. W., Washington, D. C.
HOWARTH sash centers—Michigan Engine Valve Co., 437 Columbia, Detroit, Mich.
HOWE bull chains—Link-Belt Company, 300 W 39th, Chicago, Ill.
HOWE comealongs, jack-straps—Dicke Tool Co., Downers Grove, Ill.

HOWELL'S NO. 50 emulsion oils—Jamaica Dyewood & Chemical Co., 50 Church, New York
HOWES fishing bait—Vacuum Bait Co., North Manchester, Ind.
HOWES ranges—S. M. Howes Co., 40 Union, Boston, Mass.
HOWLAND steam traps—Oliver & Howland Co., Springfield, Mass.
HOY potato diggers—Ireland & Helfrich, Spencerport, N. Y.
HOYT belting & belt cements—E. R. Ladew Co., 54 Franklin, New York
HOYT gauge cocks—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
HOYT gauge cocks—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
HOYT'S clothes pins—J. R. Clark & Co., Minneapolis, Minn.
HUB block sheet packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
HUB Christmas tree holders—John Donnelly, Branford, Conn.
HUB faucet cans—Sexton Can Co., 123 Broad, Boston, Mass.
HUB fountain pen—Davidson Rubber Co., Boston, Mass.
HUB friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
HUB plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HUB mill baskets, sample cases, store trucks—Josiah Cummings & Sons, 657 Atlantic av, Boston, Mass.
HUB never drip strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
HUB ranges & steam & hot water heaters—Smith & Anthony Co., 52 Union, Boston, Mass.
HUB step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York
HUB switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
HUB water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
HUB water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
HUBBARD axes—American Axe & Tool Co., Glassport, Pa.
HUBBARD chain pull sockets—Harvey Hubbell (Inc.), Bridgeport, Conn.
HUBBARD shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
HUBBARD'S road planers—Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
HUBBELL electric lamp flashlights & electric safety lamps—Portable Electric Safety Light Co., 10 Johnson, Newark, N. J.
HUBBELL shade holders—Harvey Hubbell (Inc.), Bridgeport, Conn.
HUB-DOME electric bells—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
HUBER asbestos table padding—Asbestos Fibre Spinning Co., North Wales, Pa.
HUBER hay revolving rakes, Ohio Rake Co., Dayton, Ohio
HUBER hand stokers—Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
HUBER night latches—Huber Mfg. Co., 417 E. 93d, New York
HUBER LIGHT 4 traction & gasoline engines—Huber Mfg. Co., Marion, Ohio
HUBER SUPER FOUR tractor—Huber Mfg. Co., 202H N Greenwood, Marion, Ohio
HUBLER DAYTON storage batteries—Dayton Electrical Mfg. Co., Dayton, Ohio
HUDSON asphalt felts & slate surface shingles—Asphalt Roof Coating Co., Ltd., 10 E. 43rd, New York
HUDSON belting—Mercer Rubber Co., Hamilton, N. J.
HUDSON bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
HUDSON exhaust heads—Abendroth & Root Mfg. Co., Newburgh, N. Y.
HUDSON hose menders—Hudson Hose Mender Co., Melrose, Mass.
HUDSON hose mender—Hudson Parer Co., Leominster, Mass.
HUDSON reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
HUDSON reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
HUDSON steam & hot water heaters—Hudson Boiler Mfg. Co., 359 W. 42nd., New York
HUDSON waste baling presses—Hazen Mfg. Co., Hudson, Mich.
HUDSON water heaters—Abendroth Bros., Port Chester, N. Y.
HUDSON FULTON storage batteries—Storage Battery Supply Co., 239 E 27th, New York
HUDSON FULTON JR. storage batteries—Storage Battery Supply Co., 239 E 27th, New York
HUDSON RIVER garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.
HUDSON'S fry pans—Northwestern Stamping Co., Burlington, Ia.
HUFF ore concentrators & separators—Huff Electrostatic Separator Co., 60 India, Boston, Mass.
HUFFER spring hinges—N. R. Streeter & Co., Rochester, N. Y.
HUGHES electric cooking apparatus & electric ranges—Hughes Electric Heating Co., 5660 W. Taylor, Chicago, Ill.
HUGHES gas producers—Wellman-Seaver-Morgan Co., Cleveland, Ohio
HUGHES universal electric arc lamps—Hughes Universal Arc Lamp Co., 628 Race, Phila., Pa.
HUGHLETT can lacquering machines—Seeley Bros., Blaine, Wash.
HUGHSON pump governors—Illinois Engineering Co., W 21st & South Racine avs, Chicago, Ill.
HUG-IT belt dressing—Hinds & Coon, 126 Pearl, Boston, Mass.
HUGO steel clamps—Norfolk Mfg. Co., Norfolk, Conn.
HUG-TIGHT belt dressing—Codd Tank & Specialty Co., 117 S. Hanover, Baltimore, Md.
HUGTITE lock-nuts & washers—United Nut Lock Co., Springfield, Mass.
HUHN metallic packing—A. M. Huhn Metallic Packing Co., 233 B'way, New York
HULBERT electro steam tire & dental vulcanizers, glue pots, sterilizer & radiators—Hulbert Electro-Steam Mfg. Co., 76H Tehama, San Francisco, Cal.
HUMANE horse cleaners—Harsh-Miller Mfg. Co., Wabash, Ind.
HUMANE horse collars—Powers Mfg. Co., Waterloo, Iowa
HUMANE currycombs—F. E. Kohler Co., Canton, Ohio
HUMANE sand blast equipment—Am. Fdry. Equipt. Co., 366 Madison av, New York
HUMDINGER diaphragm force pumps—Ralph B. Carter Co., 152 Chambers, New York
HUME JUNIOR traction engines—Hume Mfg. Co., Hume, Ill.
HUMIGARS cigar humidifiers—Bishop & Babcock Co., 1204 E. 55th, Cleveland, Ohio
HUMMER barn door hangers—Lawrence Bros., Sterling, Ill.
HUMMER cultivators & plows—Racine-Sattley Co., Springfield, Ill.
HUMMER foot power, tool sharpener—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
HUMMING BIRD kitchen sets—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
HUMP fire hose racks—Wirt & Knox Mfg. Co., 23rd & York, Phila., Pa.
HUMPHREY crushing rolls—Colorado Iron Works Co., Denver, Colo.
HUMPHREY gas arc lamps & mantles—General Gas Mantle Co., Kalamazoo, Mich.
HUMPHREY wire & drawing machines & root cutters—Humphrey & Sons, Joliet, Ill.
HUMPHREY RADIANTFIRE gas heaters—General Gaslight Co., Kalamazoo, Mich.
HUNGERFORD water filters—Hungerford & Terry (Inc.), Penna. bldg., Phila., Pa.
HUNT axes—American Axe & Tool Co., Glassport, Pa.
HUNT cars, conveyors, switches, turntables, storage battery trucks—C. W. Hunt Co., Inc., West New Brighton, Staten Island, N. Y.
HUNT push pins—Roeti-Hunt Corp., Putnam, Conn.
HUNT transformer, oil dryer & purifier & transformer oils—Edward J. Hunt, 707 Ordway bldg., Newark, N. J.
HUNTER currycombs—Wisconsin Metal Products Co., Racine, Wis.
HUNTER pneumatic hammer rivet sets—Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
HUNTER'S carbureters—Vincennes Motor Mfg. Co., Vincennes, Ind.
HUNTER'S flour sieves—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
HUNTER'S steam & hot water heaters—Jas. Hunter, Albany, N. Y.
HUNTINGBURG farm wagons—Huntingburg Wagon Works, Huntingburg, Ind.
HUNTINGTON emery wheel dressers—Burgess-Norton Mfg. Co., Geneva, Ill.
HUNTINGTON emery wheel dressers—Chicago Wheel & Mfg. Co, 1101 Monroe, Chicago, Ill.
HUNTINGTON emery wheel dressers—Curtin-Herbert Co., Gloversville, N. Y.
HUNTINGTON emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio
HUNTINGTON emery wheel dressers—North Wales Machine Co., North Wales, Pa.
HUNTINGTON emery wheel dressers—Peninsular Emery Wheel Co., 253 Meldrum, Detroit, Mich.
HUNTINGTON emery wheel dressers—Warren Axe & Tool Co., Warren, Pa.
HUNTINGTON emery wheel dressers—William Williams, Jr., New Britain, Conn.
HUNTINGTON COLLMER emery wheel dressers—Collmer Bros., South Bend, Ind.
HUNTINGTON shingle tile—Huntington Roofing Tile Co., Huntington, W. Va.
HUNTINGTON track gauges—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
HUNT-McCORMICK turbine water wheels—Rodney Hunt Machine Co., Orange, Mass.
HUNTON brake beams—Joliet Railway Supply Co., Joliet, Ill.
HUNTOON bridle bits—Upton & Gilman Machine Co., Lowell, Mass.
HURCO interior finish—Hurst Sash & Door Co., Grand Island, Neb.
HURD axes—American Axe & Tool Co., Glassport, Pa.
HURIUP gasoline funnels—F. Cortez Wilson & Co., 159 W. Lake, Chicago, Ill.
HURLBURT lock deck plates—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
HURLBURT motor trucks—Arthur J. Dunkle Co., 56 Church, New York
HURLUP gasoline funnels—A. C. Kraft, 323 W. Lake, Chicago, Ill.
HURON cement—Huron Portland Cement Co., Ford bldg, Detroit, Mich.
HURON oil & grease cups—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
HURON alloy tool steel—Ludlum Steel Co., Watervliet, N. Y.
HURRICANE electric fans—Eck Dynamo & Motor Co., Belleville, N. J.

HURRICANE textile dryers, carbonizers & scouring, skein dyeing machines, singeing machines, screw presses—Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.
HURRICANE tube cleaners—Jas. L. Robertson & Son, 78 Murray, New York
HURRI-KLEEN shaving exhaust systems—Allen Engineering & Mfg. Co., Savannah, Ga.
HURRY dryers—Willey Co., Inc., 1222 Race, Phila., Pa.
HURT broom cutters & broom sizers—Alphonso Walrath Co., Fort Plain, N. Y.
HURWOOD screw drivers, awls, ice picks—Stanley Rule & Level Co., New Britain, Conn.
HUSKIT corn huskers—R. F. Clark Mfg. Co., 169 N. Jefferson, Chicago, Ill.
HUSSEY spring tooth harrows—Hussey Plow Co., N. Berwick, Me.
HUSTLER ash sifters—Hill Clothes Dryer Co., 40 Central, Worcester, Mass.
HUSTLER sled cultivators—Ohio Cultivator Co., Bellevue, Ohio
HUSTON pressed steel boiler saddles—Lukens Steel Co., Coatesville, Pa.
HUTTER porcelain stoppers—Karl Hutter, 241 Lafayette, New York
HYATT billiard tables—Albany Billiard Ball Co., Albany, N. Y.
HYATT shafting boxes—Hyatt Roller Bearing Co., Harrison, N. J.
HYDE water tube boilers—Hyde Bros. & Co., Commonwealth bldg, Pittsburgh, Pa.
HYDE'S horseshoers' vises—New London Vise Works, New London, Conn.
HYDRA packing—H. W. Johns-Manville Co., Madison av & 41st, New York
HYDRA oil—Texas Company, 17 Battery pl, New York.
HYDRAERAM—Water Supply System, Deming Co., Salem, O.
HYDRATOR lime hydrating machinery—American Hydrating Co., Md. Trust bldg., Baltimore, Md.
HYDREX burlap & waterproofing materials—Hydrex Felt & Engineering Co., 120 Liberty, New York
HYDRO chronographs—Hydro Mfg. Co., Bullitt bldg., Phila., Pa.
HYDRO gas meters—Bacharach Industrial Instrument Co., Pittsburgh, Pa.
HYDRO packing mfrs.—Johns-Manville, Inc., Madison av & 41st, New York
HYDRO rubber hose—Republic Rubber Co., Youngstown, Ohio
HYDRO-CARBONITE roofing paints—Monarch Paint Co., W 70th, Cleveland, Ohio
HYDROCIDE waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York
HYDROIL water oil cutting compound—B. G. Pratt Co., 50 Church, New York
HYDROL packing—Anchor Packing Co., Lafayette bldg, Phila., Pa.
HYDROLITE waterproof materials—Good Products Co., 1856 Leclaire, Chicago, Ill.
HYDROLITH sanitary flooring—Hydrolith Co., 25 Dean, Brooklyn, N. Y.
HYDROMATIC valves—Engineers' Appliance Co., Cleveland, Ohio
HYDRONON waterproofing materials—Barrett Co., 17 Battery pl, New York
HYDROPRESSURE bottle washing machy—Loew Mfg. Co., 9100 Madison av. N. W., Cleveland, Ohio
HYDROSEAL dampproofing compounds—Concrete Waterproof Paint Co., 329 N. 3rd, Phila., Pa.
HYDRO-STONE artificial building stone—Hydro Stone Products, 175 W Jackson blvd, Chicago, Ill.
HYDROWAX furniture polish—B. G. Pratt Co., 50 Church, New York
HYDUTY feed drills—Buda Co., Railway Exchange bldg., Chicago, Ill.
HY DUTY ECONOMIC steam & hot water heaters—Frank Prox Co., Terra Haute, Ind.
HYFIELD safety razor blades sharpening machines—Hyfield Mfg. Co., 292 Church, New York
HYGEIA sanitary drinking fountains—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
HYGENIC paper cuspidors—Stone & Forsythe Co., 67 Kingston, Boston, Mass
HYGENOL liquid soap—Hygenol Co., Minneapolis, Minn.
HYGIENE brass & iron bedsteads—Metal Furniture Co., Evansville, Ind.
HYGIENE fibre bowl brushes—Universal Brush Co., 181 Quincy, Chicago, Ill.
HYGIENE wool wadding—Evans & Co., Lockport, N. Y.
HYGIENIC faucet filters—Seed Filter & Mfg. Co., 73 Franklin, New York
HYGIENIC fireless cookers—Stephens Mfg. Co., 67 Carroll, Buffalo, N. Y.
HYGIENIC kalsomine—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
HYGIENIC wardrobes—J. G. Wilson Corp., 8 W 40th, New York
HYGIENIC SPRING closet seats—B. R. E. Mfg. Co., Hyde Park, Mass.
HYGLO metal polish—Jno. T. Stanley, 642 W. 30th, New York
HYGRADE hack saw blades—Standard Saw & Tool Mfg. Co., Inc., 10H Damrell, Boston, Mass.
HYGRADE incandescent electric lamps—Hygrade Lamp Co., Salem, Mass.
HYGRITE stencil moistening fluid—Louis E. Fuller, 226 W. 75th, New York
HYGROSSO humidifying apparatus—Briggs-Shaffner & Co., Winston-Salem, N. C.
HYLO turn down electric lamps—Economical Electric Lamp Div. of G. E. C., 25 W Broadway, New York
HYLOPLATE composition blackboards—J. L. Hammett Co., Kendall sq., Cambridge, Mass.
HY-NAMEL enameled brick—Hydraulic-Press Brick Co., St. Louis, Mo.
HYNSON bung hole borers—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
HY-POL furniture polish—Adams & Elting Co., 726 Washington, Chicago, Ill.
HYPRESS positive pressure blowers—L. J. Wing Mfg. Co., 352 W. 13th, New York
HY-RIB steel lath—Truscon Steel Co., Youngstown, O.
HY-SPEED metal planing machines—Woodward & Powell Planer Co., Worcester, Mass.
HYTEMPITE furnace cements—Quigley Furnace Specialties Co., 26 Cortlandt, New York
HY-TEN-SL manganese bronze alloys, castings, bronze rods—American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Hy-TEX front brick—Hydraulic Press Brick Co., St. Louis, Mo.

I anti-friction babbitt metal—A. Gilbert & Sons Brass Foundry Co., 4019 Forest Park blk, St. Louis, Mo.
I beam monorail systems, hangers & switches—Cameron Engineering Co., E. Stroudsburg, Pa.
I. A. SPECIAL combined harrow & cultivator—S. R. White's Sons, Norfolk, Va.
I. C. motor starters, rheostats & resistance units—Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
I. C. F. sash weights—Iron City Foundry Co., Lebanon, Pa.
I. C. I. bit brace chucks & easy wringing mops—I. C. Imboden Mfg. Co., Cleona, Pa.
I. C. P. CO. typewriter ribbons—International Carbon Paper Co., 100 Grand, New York
I-D-L fish landing nets—General Phonograph Corp., 25 W. 45th, New York
I. D. P. waterproofing materials—Illinois Damp-Proofing Co., 105 W. Monroe, Chicago, Ill.
I. I. & B. CO., jacks, jack screws, cast iron wagon skeins, pipe vises & tire benders—Illinois Iron & Bolt Co., Carpentersville, Ill.
I. L. screw drivers—Browne & Dowd Mfg. Co., Meriden, Conn.
I. L. S. & C. machine wipers—L. Scheinman & Co., 38 Sherman, Detroit, Mich.
I. O. C. lubricating oils & greases—Invader Oil Co., 76 Pearl, New York
I. O. C. oxygen generators, oxygen gas & hydrogen—International Oxygen Co., 796 Frelinghuysen av, Newark, N. J.
I-P loose-leaf devices—Irving-Pitt Mfg. Co., Kansas City, Mo.
I. P. MORRIS hydraulic turbines—Wm. Cramp & Sons, Ship & Engine, Beach & Ball, Phila., Pa.
I-R. drill steel—Ingersoll-Rand Co., 11 Broadway, New York
I-RITE pyrometers—Gibb Instrument Co., Highland bldg., Pittsburgh, Pa.
I. T. E. circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
I. W. P. waterproofing materials—Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.
IX dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.
I. X. L. bed & furniture casters, galvanized pump chains & wire fence ratchets, store trucks, wire cloth measuring machines—O. P. Schriver & Co., 621 E. Pearl Cincinnati, Ohio
I. X. L. can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
I. X. L. can openers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
I. X. L. car wrenches—G. M. Gealy, Grove City, Pa.
I. X. L. collar fasteners—North & Judd Mfg. Co., New Britain, Conn.
I. X. L. cork lined faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
I. X. L. cottonseed oil—American Cotton Oil Co., 65 B'way, New York
I. X. L. cut gears—Foote Bros. Gear & Machine Co., 213 N. Curtis, Chicago, Ill.
I. X. L. ensilage cutters—U. S. Wind Engine & Pump Co., Batavia, Ill.
I. X. L. file cleaners—Tragle Mfg. Co., Reading, Pa.
I. X. L. floor finish—Edward Smith & Co., 127 W. av, Long Island City, N. Y.
IXL flush tank regulators—Modern Iron Works, Quincy, Ill.
I. X. L. fruit & maple sugar evaporators—Warren Evaporator Works, Warren, Ohio
I. X. L. knives, razors, ink erasers—Geo. Wostenholm & Son, 105 Chambers, New York
IXL oil cups—Swift Lubricator Co., Elmira, N. Y.
I. X. L. padlocks—Slaymaker Lock Co., Lancaster, Pa.
I. X. L. pipe cutting & threading machines—D. Saunders Sons, Yonkers, N. Y.
I. X. L. pipe hangers— Sproul & McGurrin Co., Grand Rapids, Mich.
I. X. L. piston & sheet packing—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, Ohio
I. X. L. ready asphalt roofing—Chapman & Soden, 150 Oliver, Boston, Mass.
I. X. L. reversible ratchet drills—Lowell Wrench Co., Worcester, Mass.
I. X. L. saw gummers—Ajax Mfg. Co., N. S. Pittsburgh, Pa.
I. X. L. sewage ejectors & water closets—I. X. L. Pump & Mfg. Co., 957 N. 9th, Phila., Pa.
IXL tank heaters & windmills—Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
IXL wire—Collyer Insulated Wire Co., Pawtucket, R. I.
I. X. X. X. gill box cans—Hill James Mfg. Co., 52 Westfield, Providence, R. I.
I. & L. stump pullers—Milne Mfg. Co., Monmouth, Ill.

ICHABOD brass lanterns—Plume & Atwood Mfg. Co., Waterbury, Conn.
IDEAL adjustable standards & brackets—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
IDEAL air tight heaters & gas and oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
IDEAL auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio
IDEAL babbitt metal—Allen-Murphy Co., 125 W. 46th pl., Chicago, Ill.
IDEAL barrows—Phillips, Doup Co., 60 Pearl, Brooklyn, N. Y.
IDEAL bath brushes—Standard Brush Co., New Hartford, Conn.
IDEAL bed side tables—Walker Bros. Co., Syracuse, N. Y.
IDEAL bed springs—Foster Bros. Mfg. Co., Utica, N. Y.
IDEAL belt fasteners—Hudson Belt Fastener Co., 149 Church, New York
IDEAL bench drilling mcahines—Strong, Carlisle & Hammond Co., 336 Frankfort av, Cleveland, Ohio
IDEAL bread & pastry boards—Imperial Mfg. Co., Cambridge, Ohio
IDEAL blanket pins—F. E. Kohler Co., Canton, Ohio
IDEAL brake shoes—Spear & Miller Co., 80 E. Jackson blvd., Chicago, Ill.
IDEAL broom holders—Franklin Brass Foundry Co., Reading, Pa.
IDEAL can openers—Hamblin & Russell Mfg. Co., Worcester, Mass.
IDEAL can openers—Parker Wire Goods Co., Worcester, Mass.
IDEAL candy wrapping machines—Ideal Wrapping Machine Co., Middletown, N. Y.
IDEAL carbon paper & typewriter ribbons—Carter's Ink Co., E. Cambridge, Boston, Mass.
IDEAL carriage fasteners—C. Cowles & Co., New Haven, Conn.
IDEAL cement & wall plaster—Colorado Portland Cement Co., Denver, Colo.
IDEAL chain adjusters, feed cutters, root cutters, grain lifter guards—Frank Hamachek, Kewaunee, Wis.
IDEAL chain & pipe tongs, wrenches—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
IDEAL china painters palettes—Stirrup Mfg. Co., Inc., Market, Newark, N. J.
IDEAL coffee percolators, enameled ware, cuspidors, ice cream freezers—New England Enameling Co., Middletown, Conn.
IDEAL coffee percolators, fireless & steam cookers, roasters & baking pans & thermal bath cabinets—Toledo Cooker Co., Toledo, Ohio
IDEAL concrete building block machinery & concrete mixers—Ideal Conerete Machinery Co., 1346 Monmouth av., Cincinnati, Ohio
IDEAL concrete cars—Cement Tile Machy. Co., Waterloo, Ia.
IDEAL conductor pipe, rural mail boxes—Learn & Brindle, Columbus, Ohio
IDEAL cornbrooms—Universal Broom Co., Chattanooga, Tenn.
IDEAL copper-nickel wire—Electrical Alloy Co., Morristown, N. J.
IDEAL cotton duck looms—Stafford Co., Readville, Mass.
IDEAL currycombs—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
IDEAL curtain stretchers—John B. Davis, Clinton, Me.
IDEAL displaying racks—Weston Paper & Mfg. Co., Dayton, Ohio
IDEAL dog biscuits— M. F. Marx Mfg. Co., Louisville, Ky.
IDEAL drain tile machines—Farmers' Cement Tile Machine Co., St. Johns, Mich.
IDEAL electric drills, electric-driven saws, grinders, motor-driven screw drivers—Neil & Smith Electric Tool Co., 8th & B'way, Cincinnati, Ohio
IDEAL electrical generators—Ideal Electric & Mfg. Co., Mansfield, Ohio
IDEAL electric sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
IDEAL elevator door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
IDEAL engine lathes—Springfield Machine Tool Co., Springfield, Ohio
IDEAL expanded metal lath—Youngstown Pressed Steel Co., Warren, Ohio
IDEAL expansion bolts & joints—Waring-Underwood Co., Commercial Trust bldg., Philadelphia, Pa.
IDEAL exploders—Hercules Powder Co., Wilmington, Del.
IDEAL extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
IDEAL feed cookers—Star Tank Co., Goshen, Ind.
IDEAL finger nail clippers—General Phonograph Corp., 25 W. 45th, New York
IDEAL floor polishing brushes—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
IDEAL floor scrubbers & window cleaners—W. J. Dennis & Co., 2120 Lake, Chicago, Ill.
IDEAL flue cutters & tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
IDEAL fountain pens—L. E. Waterman Co., 191 Broadway, New York
IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
IDEAL gaff hooks—Redifor Rod & Reel Co., Warren, Ohio
IDEAL garden hose reels—Cardington Cabinet Co., Cardington, Ohio
IDEAL garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y
IDEAL gas engines, oil rig irons, well drilling machinery and slush pumps—Union Tool Co., Torrance, Cal.
IDEAL gas engines & gasoline hoists—Original Gas Engine Co., Lansing, Mich.
IDEAL gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
IDEAL gasoline hoists—Universal Hoist & Mfg. Co., Cedar Falls, Ia.
IDEAL grass catchers—R. F. Krause, Zion City, Ill.
IDEAL grass hooks—Wallingford Mfg. Co., Wallingford, Vt.
IDEAL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
IDEAL hand pump—Deming Co., Salem, Ohio
IDEAL hardware specialties, feed grinding mills, flag poles, hot air registers, ice picks, soldering sets—Stover Mfg. & Engine Co., Freeport, Ill.
IDEAL hickory stick head rules—Smith & Phillips Mfg. Co., 1008 W. Madison, Chicago, Ill.
IDEAL hot air furnaces—Barber Mfg. Co., Ashtabula, Ohio
IDEAL hot air furnaces—Kansas City Furnace Co., 326H W 6th, Kansas City, Mo.
IDEAL hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
IDEAL ice cream freezers—Garden City Plating & Mfg. Co., 1430 S. Tallman, Chicago, Ill.
IDEAL ignition cable—Empire Tire & Rubber Corp., Trenton, N. J.
IDEAL kitchen sets, can openers and knife sharpeners—Am. Cutlery Co., 764 Mather, Chicago, Ill.
IDEAL lamp cord adjusters—Trumbull Electric Mfg. Co., Plainville, Conn.
IDEAL land & field rollers—Weaver & Co., New Oxford, Pa.
IDEAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
IDEAL lawn mowers—Ideal Power Lawn Mower Co., Lansing, Mich.
IDEAL lawn swings—Thornburgh Mfg. Co., Bowling Green, Ohio.
IDEAL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
IDEAL luggage carriers—Stuart-Bell Corp., 301 W 53rd, New York.
IDEAL maple flooring — I. Stephenson Co., Wells, Mich.
IDEAL massage vibrators, switchboards, electro-mechanical gongs—R. Haas Electric Mfg. Co., Springfield, Ill.
IDEAL medicine cabinets—Ideal Reversible Hinge & Cabinet Co., 3666 Park av, St. Louis, Mo.
IDEAL metal polish & stove polish—A. O. Bettes Mfg. Co., 1208 E. 12th, Kansas City, Mo.
IDEAL oil pump lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
IDEAL oil rig irons—Union Tool Co., Torrance, Cal.
IDEAL overhead washers—Gaylord Sanitary Mfg. Co., El Dorado, Kans.
IDEAL oxy-acetylene welding—General Welding Co., Hoboken, N. J.
IDEAL packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
IDEAL packing—Ideal Metallic Packing Co., South Stillwater, Minn.
IDEAL packing & gaskets—General Asbestos & Rubber Co., Charleston, S. C.
IDEAL paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
IDEAL paper clips—Noesting Pin Ticket Co. Inc., Mt. Vernon, N. Y.
IDEAL pasteurizers—U. S. Bottlers' Machinery Co., 2511 Park, Chicago, Ill.
IDEAL pipe clamps—Wm. Moll, 1660 Columbus, N. W., Cleveland, Ohio
IDEAL piston & valve rod packing & pump governors—Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
IDEAL pitching & counter-pressure beer raising machinery—H. Torchiani, 140 N. Dearborn, Chicago, Ill.
IDEAL plow coulters—Weyburn Co., Rockford, Ill.
IDEAL portable grain elevators—Luthy & Co., Peoria, Ill.
IDEAL post caps & bases—Ideal Hanger Co., Cleveland, Ohio
IDEAL pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
IDEAL pump valves & packing mfrs.—Lake Erie Mfg. Co., Buffalo, N. Y.
IDEAL push button floor treads—Renim Specialty Co., Brighton Station, Boston, Mass.
IDEAL reducing wheels—John S. Bushnell & Co., 146 Liberty, New York
IDEAL reducing wheels—Richard Thompson & Co., 146H Liberty, New York.
IDEAL riveting machines, lawn mower sharpeners—Fate-Root-Heath Co., Plymouth, Ohio
IDEAL road scraping machines & graders & cast iron culverts—Galion Iron Works & Mfg. Co., Galion, Ohio
IDEAL rural mail boxes—C. G. Folsam Mfg. Co., South Bend, Ind.
IDEAL sad irons—Ideal Sad Iron Mfg. Co., 211 High, Cleveland, Ohio
IDEAL sanitary envelope moisteners—Sengbusch Self-Closing Inkstand Co., Stroh bldg., Milwaukee, Wis.
IDEAL sash opening device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
IDEAL saw swages—E. C. Atkins & Co., Indianapolis, Ind.
IDEAL screw cutting dies—Ideal Foundry & Machinery Co., Beaver Falls, Pa.
IDEAL seed corn dryers & stock fountains—National Mfg. Co., Des Moines, Ia.
IDEAL seeders & sowers — Beaver Dam Mfg. Co., Beaver Dam, Wis.
IDEAL silos—Pacific Pipe & Steel Co., 318 Market, San Francisco, Cal.

IDEAL silos & steel tanks & towers—Bennett Bros. Co., Lowell, Mass.
IDEAL steam engines—A. L. Ide & Sons, Springfield, Ill.
IDEAL steam traps—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
IDEAL steam & hot water heaters, radiator valves & boilers—American Radiator Co., 830 S. Michigan av, Chicago, Ill.
IDEAL steel wool & shavings & abrasives—Am. Steel Wool Mfg. Co., 451 Greenwich, New York
IDEAL thumb tacks—Keuffel & Esser Co., Hoboken, N. J.
IDEAL tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
IDEAL tool racks — Angle Steel Tool Co., Otsego, Mich.
IDEAL towel racks—Taplin Mfg. Co., New Britain, Conn.
IDEAL towel racks—Wire Goods Co., Worcester, Mass.
IDEAL trolley catchers—Trolley Supply Co., Canton, Ohio
IDEAL troney harps—Lumen Bearing Co., Buffalo, N. Y.
IDEAL tube mill feeders—Abbe Engineering Co., 50G Church, New York.
IDEAL twine holders—Introstile Mfg. Co., Marietta, Ohio
IDEAL vacuum washer—Erie Metal Products Co., Erie, Pa.
IDEAL ventilating window sash—Leonard Sheet Metal Works, Hoboken, N. J.
IDEAL washing machine valves—McMaster-Carr Supply Co., 174 N. Market, Chicago, Ill.
IDEAL washing & rinsing machines—S. S. Wenzell Machine Co., 50th & Parkside av, Phila., Pa.
IDEAL water closet bends—Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
IDEAL whetstones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
IDEAL window ventilators—Ideal Ventilator Co., 99 Stewart, Providence, R. I.
IDEAL wire mats—Keystone Wire Matting Co., Beaver Falls, Pa.
IDEAL woven wire fences—Elliott & Reid Co., Richmond, Ind.
IDEAL CROWN bottle openers—Ryede Specialty Works, Rochester, N. Y.
IDEAL HEAT electric water heaters—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
IDEAL KING pipeless furnaces—Kansas City Furnace Co., 326H W 6th, Kansas City, Mo.
IDEAL SPECIAL electric elevator motors—Ideal Electric & Mfg. Co., Mansfield, Ohio
IDEAL SYLPHON damper regulators, heat regulators, pressure reducing valves—Fulton Co., Knoxville, Tenn.
IDEAL SYPHON regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
IDEALITE sanitary flooring—Idealite Co., Cincinnati, Ohio
IDLE HOUR hammock—Excelsior Bag & Mfg. Co., Troy, N. Y.
IGARD gauge glass preservers—Gardner Grate Co., 21 Burgess, Boston, Mass.
ILANASILK cushions—Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
ILER cupel machines—Denver Fire Clay Co., Denver, Colo.
ILER pulverizing machinery—Iler Foundry & Mfg. Co., 6605 St. Clair, Cleveland, Ohio
ILIFFILI maps & tacks—John W. Iliff & Co., 54H W Lake, Chicago, Ill.
ILLINI closets—Crane Co., 836 S Michigan av, Chicago, Ill.
ILLINOIS boiler compounds—Illinois Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.
ILLINOIS cottonseed oils—East St. Louis Cotton Oil Co., East St. Louis, Ill.
ILLINOIS drilling machines—Illinois Iron & Bolt Co., Carpentersville, Ill.
ILLINOIS grain drills—Peoria Drill & Seeder Co., Peoria, Ill.
ILLINOIS hay rack clamps—Louden Machinery Co., Fairfield, Ia.
ILLINOIS steam heaters—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
ILLINOIS valves—Illinois Engineering Co., W. 21st & S. Racine av, Chicago, Ill.
ILLINOIS valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ILLMER gas engines—Reading Iron Co., Reading, Pa.
IMICO steam heaters, laundry stoves—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
IMP flattening stone—F. M. Souder, Millville, N. J.
IMP magnetos—Sumter Electrical Wks., Sumter, S. C.
IMPACO paints—Imperial Paint Co., 80 10th, Long Island City, N. Y.
IMPANO tooth paste—Bristol-Myers Co., 281 Greene av, Brooklyn, N. Y.
IMPERIAL adamant & wood fibre—George W. Pack & Son, Syracuse, N. Y.
IMPERIAL air valves, floor & ceiling plates—W. A. Russell & Co., 63 W. 37th, New York
IMPERIAL alfalfa cultivators, harrows, celery hillers, potato cutters, plow & potato diggers—Bucher & Gibbs Plow Co., Dept. H, Canton, Ohio.
IMPERIAL asbestos pipe—H. F. Watson Co., Erie, Pa.
IMPERIAL automobile bumpers—L. P. Halladay Co., Streator, Ill.
IMPERIAL bath tubs—Kohler Co., Dept. H, Kohler, Wis.
IMPERIAL belt dressing—J. Bachmann & Co., 16 Reade, New York
IMPERIAL belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
IMPERIAL blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
IMPERIAL brass compression couplings, gasoline strainers, self-hearing sad irons, pressure regulators—Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
IMPERIAL bridle bits, hame clips, hangers, hooks, snaps & lawn trimmers—Imperial Bit & Snap Co., Racine, Wis.
IMPERIAL burnishing, drying & polishing machines—Smith, Richardson Co., Attleboro, Mass.
IMPERIAL chain hoists—Franklin Moore Co., Winsted, Conn.
IMPERIAL chrome black—Chas. H. Reisig, 269 Water, New York
IMPERIAL deep well—F. E. Myers & Bros., Ashland, Ohio
IMPERIAL desk telephone brackets—Stanley & Patterson, 23 Murray, New York
IMPERIAL headlight, electric—Crouse, Hinds Co., Syracuse, N. Y.
IMPERIAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
IMPERIAL gas exhausters—Pratt Engineering & Machine Co., Atlanta, Ga.
IMPERIAL gasoline storage pumps & tanks—Climax Mach. & Burner Co., 133 3rd av, Newark, N. J.
IMPERIAL glue—Imperial Glue Co., Drumm, San Francisco, Cal.
IMPERIAL grain drills—La Crosse Plow Co., La Crosse, Wis.
IMPERIAL harness hooks—Wickwire Spencer Steel Corp., Worcester, Mass.
IMPERIAL hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
IMPERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.
IMPERIAL hypodermic syringes & imperial needles—Randall-Falchney Co., Boston, Mass.
IMPERIAL lawn mowers—Coldwell Lawn Mower Co., Newburgh, N. Y.
IMPERIAL lawn sprinklers — American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
IMPERIAL lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
IMPERIAL leaded glass shades—Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
IMPERIAL maple flooring—East Jordan Lumber Co., East Jordan, Mich.
IMPERIAL metal culverts—Dominion Metal Products Co., Roanoke, Va
IMPERIAL metal culverts—Florida Metal Product Co., Jacksonville, Fla.
IMPERIAL metal & stove polish & chloride of lime—Rath Mfg Co., Hedley E. of Richmond, Phila., Pa.
IMPERIAL mortar colors — Imperial Paint Co., 80 10th, Long Island City, N. Y.
IMPERIAL oil pumps & force feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
IMPERIAL packing, belting, cotton & rubber hose, deckle straps—Boston Belting Corp., 84 Linden Park st, Boston, Mass.
IMPERIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
IMPERIAL plaster & wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
IMPERIAL pneumatic tools, air hoists, air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York
IMPERIAL prismatic glass — Pressed Prism Plate Glass Co., Morgantown, W. Va.
IMPERIAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
IMPERIAL pumps—F. E. Myers & Bro., Ashland, Ohio
IMPERIAL rail benders—Hardsocg, Martin, Co., 922 South av, Pittsburgh, Pa.
IMPERIAL rubber coated cloth—Rosenwald & Weil, 1514 West Kinzie, Chicago, Ill.
IMPERIAL rubber tires, inner automobile tubes, tire vulcanizers—McGraw Tire & Rubber Co., East Palestine, Ohio.
IMPERIAL silk bolting cloth—Holmes & Blanchard, 31 State, Boston, Mass.
IMPERIAL spray nozzles—F. E. Myers & Bro., 900 4th, Ashland, Ohio
IMPERIAL steam & hot water heaters—Messinger Mfg. Co., Tatamy, Pa.
IMPERIAL steam & hot water heaters—Utica Heater Co., Utica, N. Y.
IMPERIAL tinware—Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
IMPERIAL urinal stalls—J. L. Mott Iron Works, Trenton, N. J.
IMPERIAL ventilators—C. A. Weimer, Lorain, Ohio
IMPERIAL white lead & ready mixed paints—Robt. Shoemaker & Co., Inc., 4th & Race, Phila., Pa.
IMPERIAL windmills—Mast, Foos & Co., Springfield, Ohio
IMPERIAL wire pullers—Wicke Tool Co., Downers Grove, Ill.
IMPERIAL BLUE granite—Woodbury Granite Co. Hardwick, Vt.
IMPERIAL CRYSTAL rolling pins—Imperial Mfg. Co., Cambridge, Ohio
IMPERIAL EXCELSIOR gas ranges—Isaac A. Sheppard & Co., Harrison bldg., Phila., Pa.
IMPERIAL 1910 clothes washing machines—Dayton Washington Machine & Motor Co., Dayton, Ohio
IMPERIAL STAR lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
IMPERIAL STEEL fire brick—Kentucky Fire Brick Co., Portsmouth, Ohio
IMPERIAL SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
IMPERIAL-WIXON tire air pumps—Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
IMPERVIO water closet tanks—Trenton Potteries Co., Trenton, N. J.

IMPERVIOUS grate bar—Thomas Grate Bar Co., Birmingham, Ala.
IMPERVIOUS shingle stains—Vilas Bros., 717 S. 5th av, Chicago, Ill.
IMPERVITE waterproofing materials—Standard Paint Co., 233 Broadway, New York
IMPERVOL paint oil—Impervious Varnish Co., 421 Wood, Pittsburgh, Pa.
IMPREGNITE insulating varnishes—Standard Varnish Works, 90 West, New York
IMPROVED capital water power washer—Blackstone Mfg. Co., Jamestown, N. Y.
IMPROVED cyclone mechanical dust collectors—Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
IMPROVED dry batteries—Emil J. Tardie, 156 5th av, New York
IMPROVED engine lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
IMPROVED force rubber cups & window cleaners—Allan J. Coleman, 208 Wabash av, Chicago, Ill.
IMPROVED hydraulic presses & paper stock thickening machines—Ticonderoga Machine Works, Ticonderoga, N. Y.
IMPROVED locksmith screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
IMPROVED ore feeders—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
IMPROVED sight feed hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
IMPROVED DAISY cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
IMPROVED ELECTRIC sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
IMPROVED EXCELSIOR fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
IMPROVED GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
IMPROVED H. & H. PATENT toggles—Hamblet & Hayes Co., 284 Devonshire, Boston, Mass.
IMPROVED HANDY furnace pipe & fittings—F. Meyer & Bro. Co., Peoria, Ill.
IMPROVED KITCHENER cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
IMPROVED LOUISVILLE hand bottle filling machines—U. S. Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
IMPROVED MARYLAND cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
IMPROVED MERIDIAN wheel garden hoes—Everts Mfg. Co., Meridian, N. Y.
IMPROVED MILITARY RIFLE NOS. 15, 16 & 18 powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
IMPROVED MIRROR cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
IMPROVED MONITOR self-heating sad irons—Monitor Sad Iron Co., Big Prairie, Ohio
IMPROVED PACKARD vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
IMPROVED PERFECT clinching hose menders & hose couplings—Peoria Can Co., Peoria, Ill.
IMPROVED PERKINS tack machinery & wire nail barbing machines—Henry Perkins Co., Bridgewater, Mass.
IMPROVED PHILA. SEAMAN power ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
IMPROVED ROYAL rural mail boxes—Geo. B. Swan, Mattoon, Ill.
IMPROVED ST. LOUIS trolley wire picks-ups—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
IMPROVED SUCTION force & lift pumps—Allan J. Coleman, 208 Wabash av, Chicago, Ill.
IMPROVED VICTOR incubators & brooders—Geo. Ertel Co., Quincy, Ill.
IN A DOR wall beds—Murphy Door Bed Co., 22 W Monroe, Chicago, Ill.
INCA garden hose—Hewitt Rubber Co., Buffalo, N. Y.
INCINERITE garbage & refuse destroyer—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
INCOMPARABLE fluid & tinning solution—Reade Mfg. Co., Hoboken, N. J.
INDELIBLE cold water paints—Muralo Co., Richmond Ter., New Brighton, Borough of Richmond, New York
INDEPENDENCE felt, buffing & polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.
INDEPENDENCE wood split pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
INDEPENDENT cement plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
INDEPENDENT gauges—National Gauge & Equipment Co., La Crosse, Wis.
INDEPENDENT mowers—Independent Harvester Co., Plano, Ill.
INDEPENDENT scythe snaths—Fenn Mfg. Co., Charlotte, Mich.
INDEPENDENT shaker screens—Morrow Mfg. Co., Wellston, Ohio
INDESTRUCTENE packing, polishing belts, rubber hose, thresher belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
INDESTRUCTIBLE belting—Empire Tire & Rubber Mfg. Corp., Trenton, N. J.
INDESTRUCTIBLE blow-off valves & gauge cocks—A. W. Cadman Mfg. Co., 2814 Smallman, Pittsburgh, Pa.
INDESTRUCTIBLE packing hose & belting—New York Belting & Packing Co., 91 Chambers, New York.
INDESTRUCTIBLE tool handles—J. L. Osgood Tool Co., Buffalo, N. Y.
INDESTRUCTINE belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
INDESTRUCTO baggage—National Veneer Products Co., Mishawaka, Ind.
INDIA lacquer—M. L. Barrett & Co., 233H W Lake, Chicago, Ill.
INDIA lead pencils—American Lead Pencil Co., 220 5th av, New York.
INDIA packing—A. W. Chesterton Co., 64 India, Boston, Mass.
INDIAN alarm clocks—E. Ingraham Co., Bristol, Conn.
INDIAN motor cycles, bicycles & side cars—Hendee Mfg. Co., Springfield, Mass.
INDIAN oiled clothing—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
INDIAN wood preservatives—Indian Refining Co., 244 Madison av, New York
INDIANA blowers—Indiana Fan Co., 40 E. South, Indianapolis, Ind.
INDIANA cast wagon skeins—American Skein & Foundry Co., Racine, Wis.
INDIANA curb forms—Indiana Concrete Mold Co., Peru, Ind.
INDIANA farm tractors—Star Tractor Co., Findley, Ohio
INDIANA farm wagons—Indiana Wagon Co., Lafayette, Ind.
INDIANA grain drills—Rude Mfg. Co., Liberty, Ind.
INDIANA hard wood flooring—North Vernon Lumber Co., North Vernon, Ind.
INDIANA motor trucks—Indiana Truck Co., Marion, Ind.
INDIANA woven wire fences—Kokomo Steel & Wire Co., Kokomo, Ind.
INDIANAPOLIS SANITARY kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
INDIAN BRAND manganese steel castings—Frog Switch & Mfg. Co., Carlisle, Pa.
INDIAN CHIEF blacksmiths' vises—Boker Cutlery & Hardware Co., 101 Duane, New York
INDIAN GIRL canoes—Rushton, Sidney P.
INDIAN HEAD bronze aluminum & white metal castings—Iroquois Foundries, Inc., 474 Genessee, Utica, N. Y.
INDIAN HEAD pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
INDIAN HEAD pressure gauges—National Gauge & Equipment Co., La Crosse, Wis.
INDIAN QUEEN gas ranges—Erlez Stove & Mfg. Co., Erie, Pa.
INDIAN RIFLE powder (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
INDIAN TAN rawhide belting—Bay State Belting Co., 349 Congress, Boston, Mass.
INDICATING CALIPERS—Indicating Caliper Co., 596 E. 19th, New York.
INDIRECT water coil heaters—Stack Heater Co., 39H Sudbury, Boston, Mass.
INDISPENSABLE lathe dogs—Bonney Forge & Tool Works, Allentown, Pa.
INDIVIDUALITY electric illuminated signs—Greenwood Advertising Co., Knoxville, Tenn.
INDRUROID asphalt roofing—H. F. Watson Co., Erie, Pa.
INDUSTRIAL gas engines—Industrial Iron Works, Clinton, Mo.
INDUSTRIAL sand blasting gloves—Hickory Steel Grip Glove Co., 2640 N. Maplewood av, Chicago, Ill.
INDUSTRIAL sickel grinders—National Dairy Machine Co., Goshen, Ind.
INDUSTROLITE lighting fixtures—Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
INFALLIBLE smokeless shotgun powders—Hercules Powder Co., Wilmington, Del.
INFUSO case & steel hardening—Steel Improvement & Forge Co., 5003 Windsor, Cleveland, Ohio
ING.-RICH porcelain enameled iron signs & specialties—Ingram-Richardson Mfg. Co., Beaver Falls, Pa.
INGALLS tube scraper—A. W. Chesterton Co., 64 India, Boston, Mass.
INGALLS tube scraper—Worcester Brush & Scraper Co., Worcester, Mass.
INGECO gas, gasoline, oil & traction engines—Worthington Pump & Machy. Corp., 115 B'way, New York
INGERSOLL-ROGLER air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York
INGHAM needle & shower baths & shower bath valves—Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
INGOT core wash—Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio
IN-LADE asphalt ready roofing—Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.
INLAND pig iron—Inland Steel Co., 1st Natl. Bank bldg, Chicago, Ill.
INNER DUCK belting—Hettrick Mfg. Co., Toledo, Ohio
INNOVATE lamp cord adjusters—McGill Mfg. Co., Valparaiso, Ind.
IN POSITION cylinder re-boring—Ambrose Machine Co., 254 Eagle, Brooklyn, N. Y.
INSTANT paint & varnish remover—Perry-Austen Mfg. Co., Grasmere, S. I., N. Y.
INSULA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
INSULATE molded heat-proof insulation telephone mouthpieces & receiver shells—General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
INSULATERITE insulating paints—Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
INSULECTRIC screw drivers—M. B. Tool Co., Danielson, Conn.
INSULITE waterproofing materials—Insulite Chemical Co., Aurora, Ill.
INTEGRAL waterproofing material—Integral Waterproofing Co., 80 Front, New York

INTEGRO drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
INTERLAP buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
INTERLOCKED iron & steel gratings—Mitchell-Tappen Co., 15 John, New York
INTERLOCKING padlocks—Slaymaker Lock Co., Lancaster, Pa.
INTERLOCKING wire stretchers—Interlocking Fence Co., Morton, Ill.
INTERLOX rules—Dahl Mfg. Co., 841 E. 136th, New York
INTERLOX MASTER slide rules—Master Rule Mfg. Co., Inc., 841 E. 136th, New York
INTERNATIONAL barrels & kegs—International Cooperage Co., Inc., Dept. H, Niagara Falls, N. Y.
INTERNATIONAL card time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
INTERNATIONAL core making & molding machinery—International Molding Machine Co., 2614 W. 16th, Chicago, Ill.
INTERNATIONAL cultivators, harrows, hay rakes, tedders, stackers, loaders, corn planters, feed grinders, etc.—International Harvester Company (Inc.), Harvester bldg, Chicago, Ill.
INTERNATIONAL steel—International High Speed Steel Co., 99 Nassau, New York
INTERNATIONAL warm air furnaces & school room heaters—International Heater Co., Utica, N. Y.
INTERNATIONAL wood pulp grinders—Friction Pulley & Machine Works, Hudson Falls, N. Y.
INTERNATIONAL BARONET hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL CARTON hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL COUNT hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL CUTLERY shears & scissors—Hollinger Cutlery Co., Fremont, Ohio
INTERNATIONAL DUKE hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL EARL hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL ECONOMY steam heaters—International Heater Co., Utica, N. Y.
INTERNATIONAL ONEPIPE heater—International Heater Co., Utica, N. Y.
INTERNATIONAL PRINCESS hot air furnaces—International Heater Co., Utica, N. Y.
INTERTYPE type setting & type distributing machines—International Typesetting Machine Co., 50 Court, Brooklyn, N. Y.
INTER-URBAN railway spittoons—Indiana Mfg. Co., Jeffersonville, Ind.
INTERURBAN trolley wheels—Electrical Material Co., Chicago, Ill.
IN-THE-BOTTLE milk pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
INTRA hack saw blades—H. Boker & Co., 101 Duane, New York
INTRA high-speed steel—H. Boker & Co., Inc., 101 Duane, New York
INVADER lubricating oils & greases—Invader Oil Co., 76 Pearl, New York.
INVADER oil well belting & sheet packing—Republic Rubber Co., Youngstown, Ohio
INVINCIBLE carving lathes—Valley City Machine Works, Grand Rapids, Mich.
INVINCIBLE cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
INVINCIBLE corn husking machines, grain dryers & graders, pea canners, grain clipping & packing machines—Invincible Grain Cleaner Co., Silver Creek, N. Y.
INVINCIBLE electric hair dryers—Camp Co., La Crosse, Wis.
INVINCIBLE elevator door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
INVINCIBLE full automatic hosiery—Jenckes Knitting Machine Co., Pawtucket, R. I.
INVINCIBLE garden cultivators—Am. Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
INVINCIBLE linoleum—Geo. W. Blabon Co., Nicetown, Phila., Pa.
INVINCIBLE oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
INVINCIBLE lawn mokers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
INVINCIBLE post hole diggers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
INVINCIBLE post hole diggers—F. E. Kohler Co., Canton, Ohio.
INVINCIBLE potato planters—Wabers Mfg. Co., Racine, Wis.
INVINCIBLE rock drills, hand—Ingersoll-Rand Co., 11 B'way, New York
INVINCIBLE spark timers—C. F. Fulmer, Plainfield, N. J.
INVINCIBLE steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle av, Brooklyn, N. Y.
INVINCIBLE HELPER cotton mops—Eagle Specialty Co., Jamestown, N. Y.
INVISIBLE door checks & springs—Banker Mfg. Co., New Brunswick, N. J.
INVISIBLE roller window screens—Invisible Roll Screen Co., East av, Long Island City, L. I.
INVISIBLE weather strips—Chas. A. Freeman Mfg. Co., 294 Washington, Boston, Mass.
INVISIBLE wire coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.
INVISIBLE JOINT sheet metal ceilings—Milwaukee Corrugating Co., Milwaukee, Wis.
INVO invoice winders—Forest City Machine Co., Rockford, Ill.
IONA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
IONA ventilators—Iona Ventilator Co., 2327 N. 29th, Phila., Pa.
IONIC drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
IOWA barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
IOWA corn brooms, dusters, mops & sweeping compounds—Hoag Duster Co., Monticello, Iowa.
IOWA ensilage cutters—Gould Balance Valve Co., Kellogg, Ia.
IOWA fire hydrants—Iowa Valve Co., Oskaloosa, Ia.
IOWA hay carriers—Louden Machinery Co., Fairfield, Ia.
IOWA lawn swings—Hay Tool Mfg. Co., Council Bluffs, Ia.
IOWA middle breakers—Parlin & Orendorff Co., Canton, Ill.
IOWA steam heaters—Seevers Mfg. Co., Oskaloosa, Ia.
IOWA stock fountains and float valves—Western Mfg. Co., Oskaloosa, Ia.
IOWA truck units—Iowa Motor Co., Ottumwa, Ia.
IOWA wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
IOWANA pork products—Jacob E. Decker & Sons, Mason City, Ia.
IRCO oak leather belting—Industrial Requirements Co., 136H Chestnut, Phila., Pa.
IRCO stamp pads & stamp pad inks—Ink Ribbon Mfg. Co., 635 Howard, San Francisco, Cal.
IRELAND drop forged wrenches—Winchester Repeating Arms Co., New Haven, Conn.
IRELAND shingle mill machinery—Lyon Iron works, Greene, N. Y.
IRELAND wood sawing machines, sawmills & hoists—Ireland Mach. & Fdry. Co., Norwich, N. Y.
IRIDIUM babbitt metal—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
IRON AGE agricultural implements, asparagus ridgers—Bateman Mfg. Co., Grenloch, N. J.
IRON ARMORED interior conduits—Garland Mfg. Co., 1st National Bank bldg, Pittsburgh, Pa.
IRON CHINK fish dressing machines—Smith Cannery Machine Co., Seattle, Wash.
IRON CITY fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.
IRON CLAD air drill and rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
IRON CLAD alarm clocks—Western Clock Co., La Salle, Ill.
IRON CLAD cement—Glens Falls Portland Cement Co., Glens Falls, N. Y.
IRON CLAD corn ear crusher mills—Robinson Mfg. Co., Muncy, Pa.
IRON CLAD duplicators—Beck Duplicator Co., 476 B'way, New York
IRON CLAD gauge glass preservers—Sargent Co., 625 W. Jackson blvd, Chicago, Ill.
IRON CLAD incubators—Ironclad Incubator Co., Racine, Wis.
IRON CLAD lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
IRON CLAD mortar hods—Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, Ohio
IRON CLAD silos—National Tank & Pipe Co., 275 Oak, Portland, Ore.
IRONCLAY fire flashed brick—Ironclay Brick Co., Columbus, Ohio
IRON GIANT stump pullers—Milne Mfg. Co., Monmouth, Ill.
IRONHIDE paints—Patton Paint Co., Milwaukee, Wis.
IRONHIDE scientific metal protective covering—Patton Paint Co., Milwaukee, Wis.
IRON HORSE ash sifters, ash & garbage cans, oil cans, baskets, buckets, hampers, hods, measures, pails, scoops, sieves, tubs & wash boilers, etc.—Rochester Can Co., Rochester, N. Y.
IRONITE concrete flooring—L. R. Gaidry, Title Guarantee bldg, New Orleans, La.
IRONITE drop wires—Paragon Electric Co., 37 W. Van Buren, Chicago, Ill.
IRONITE sanitary flooring & waterproofing materials—Ironite Co., 111 W. Washington, Chicago, Ill.
IRON KING cultivators, fertilizer drills, fertilizer distributors—C. W. Genung, Madison, Ohio
IRON KING tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
IRONOX paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
IRON RUST soap—Gartside's Iron Rust Soap Co., 4054½ Lancaster, Phila., Pa.
IRONSIDES belt dressing, boiler compounds, gear & wire rope shield lubricants, wire & fibre rope filler coating—Ironsides Co., Columbus, Ohio
IRONSIDES press cloth—Fulton Bag & Cotton Mills, Atlanta, Ga.
IRONSIDES rubber belting—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
IRONWEAR rubber boots & shoes—J. E. Bates & Co., 202 Church, New York
IROQUOIS asphalt heaters & mixers, road scarifiers, sand & gravel heaters & dryers, steam road rollers, etc.—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
IROQUOIS carbon paper—Corona Supply Co., Rochester, N. Y.
IROQUOIS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
IRVINGTON insulating compounds & paper & oiled skin—Irvington Varnish & Insulator Co., Irvington, N. J.
IRVINGTON lineman's tools, pliers & nippers—Irvington Mfg. Co., Irvington, N. J.
IRWIN auger bits—Jackson Mfg. Co., Jackson, Ohio
IRWIN auger bits—Jas. Swan Co., Seymour, Conn.
IRWIN PATTERN auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.

ISAACS steel pens—Turner & Harrison Pen Mfg. Co., 1211 Spring Garden, Phila., Pa.
ISBELL frue vanners—Galigher Machinery Co., Salt Lake City, Utah
IS BOILER PROOF canners' inks—R. D. Swisher Mfg. Co., 413 S. Clinton, Chicago, Ill.
ISCO caustic soda, chlorine—Isco Chemical Co., 46 Cliff, New York
ISCO cotton & wool waste, cheese cloths, machine wipers & Plumbers wiping cloths—Industrial & Sales Corp., 4 South, New York.
ISOLATOR garbage disposal plants—Buffalo Co-operative Stove Co., Buffalo, N. Y.
IT rat traps—Abingdon Trap Co., Abingdon, Ill.
ITHACA hammer & hammerless double shot guns—Ithaca Gun Co., Ithaca, N. Y.
IT'S A CORKER shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
ITSAEZIE garment hangers—F. Lewald & Co., 500 S. Wells, Chicago, Ill.
IVANHOE self hardening steel—Henry Rossell, 24 S. Jefferson, Chicago, Ill.
IVENS pottery dies—W. H. Ivens Sons Co., P. O. Box 647, Trenton, N. J.
IVER JOHNSON bicycles, motor cycles & revolvers—Johnson's, Iver, Arms & Cycle Works, Fitchburg, Mass.
IVES bit braces, hollow augers, spoke trimmers, tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.
IVORITE closet seats—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
IVOROID closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
IVOROID closet seats—Sanitary Specialty Co., 1836 E. Clearfield, Phila., Pa.
IVORY celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.
IVORY cement plaster & wood fibre & white trowel plaster & wall finish, Keene's cement pottery, plaster, gypsum paper filler & hydrated lime—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
IVORY-PYRALIN ivory substitutes—The Arlington Works (E. I. du Pont de Nemours & Co.), Wilmington, Del.
IVORY rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
IVORY soap & flakes—Procter & Gamble Co., Gwynne bldg, Cincinnati, Ohio.
IVORY FIBERLOID hair combs—Fiberloid Corp., Dept. H, Indian Orchard, Mass.
IVORYLOID dice, dominoes & poker chips—Ivoryloid Co., Inc., 200 5th av, New York
IWANA hair belting—Fenwick Reddaway Mfg. Co., Newark, N. J.
IWAN PATTERN post hole augers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
IWAN'S post hole augers, hay knives, open back shovels—Iwan Bros., South Bend, Ind.
IWAN'S HERCULES post hole diggers—Iwan Bros., South Bend, Ind.
IWANTA gas sad irons—Strause Gas Iron Co., 1425 Vine, Phila., Pa.
IWANTA metal polish—Lincoln Fixture & Supply Co., Lincoln, Nebr.
J. locomotive oilers—Johnson Mfg. Co., Urbana, Ohio
J. A. WESTON'S fire ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
J. AMES knives—H. A. Lothrop & Co., Sharon, Mass.
J. B. drop forgings—Jno. Brennnan & Co., Dept. H, 24th & M. C. R. R., Detroit, Mich.
J. B. DAVIS solar transits—J. C. Ulmer Co., 1791 E 38th, Cleveland, Ohio.
J. B. MILLER'S keyless locks—J. B. Miller Keyless Lock Co, Kent, Ohio
J-E-M shade holders—J-E-M Shade Holder Co., 221 W. 33rd, New York
J. G. globe valves—Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
J. G. C. spring hinges—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
J. H. automobile wind shields—Mutual Auto Accessories Co., 1777 B'way, New York
J. H. E. clothes lines—Estes Mills, Fall River, Mass.
J. H. MUNKTELL'S filter paper—E. H. Sargent & Co., 155 E. Superior, Chicago, Ill.
J. H. S. shock absorbers—J. H. Sager Co., Rochester, N. Y.
J. I. C. cedar pails & buckets—St. Louis Cooperage Co., ft. of Arsenal, St. Louis, Mo.
J. I. C. foundry pails—Richmond Cedar Works, Fulton, Richmond, Va.
J. I. C. pails & buckets—Lown & Son, Poughkeepsie, N. Y.
J. I. CASE stalk cutters—J. I. Case Plow Works, Racine, Wis.
J. J. DELEHANT'S keystone die stocks—Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.
J. J. ELLIOTT English hall clocks—Harris & Harrington, 29 Park pl, New York
J M magnesia pipe covering, flexible metallic tubing & trolley line material—Johns-Manville, Inc., Madison av & 41st, New York.
J. M. steel base upholstered chair seats—Lubbers & Bell Mfg. Co., Clinton, Ia.
J M ALPHA insulating tapes & rubber splicing compounds—Johns-Manville, Inc., Madison av & 41st, New York.
J. M. D. brattice cloth—Johnston-Morehouse-Dickey Co., 106 Market, Pittsburgh, Pa.
J. M. E. domestic gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
J. P. harness snaps—East Bangor Mfg. Co., East Bangor, Pa.
J. P. BAKELITE insulating compounds—Johns-Pratt Co., Hartford, Conn.
J. R. C. pneumatic tires—Johnstown Rubber Co., Johnstown, Pa.
J. R. G. renewable disc valves—H. Belfield Co., 436 N Broad, Phila., Pa.
J. R. S. easy pipe cutters & sink brackets—Mechanicsville Specialty Supply Mfg. Co., Mechanicsville, N. Y.
J. R. S. Simplex lead traps, bends & ferrules—Mechanicsville Specialty Supply Mfg. Co., Mechanicsville, N. Y.
J. SANGER knives—H. A. Lothrop & Co., Sharon, Mass.
J. T. metal polish—J. T. Blair Co., Nashville, Tenn.
J. VAN RUYMBEKE'S for crude & refining—Wm. F. Jobbins, Inc., Aurora, Ill.
J-W-P & CO. sprue cutters—J. W. Paxson Co., 1021 N. Delaware, Phila., Pa.
J. & B. filing machines—Johnson & Biddle Tool Co., Elkhart, Ind.
J. & G. MFG. CO. carpenters' slicks & drawing knives & chisels—C. E. Jennings & Co., 71 Murray, New York
J. & L. special tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
JACK ANCHOR—guy anchors—W J. Jackman, Lima, Ohio
JACK BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
JACK FROST ice tongs—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
JACK FROST water closets—A. Weiskittel & Sons Co., 12th & E. Lombard, Baltimore, Md.
JACKET faucet cans—Sexton Can Co., 123 Broad, Boston, Mass.
JACKET fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
JACKET steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
JACKHAMER rock drills—Ingersoll-Rand Co., 11 Broadway, New York
JACK-IN-THE-BOX lawn sprinklers—Spray Engng. Co., 60 H High, Boston, Mass.
JACKLIFT elevating trucks—Lewis-Shepard Co., 577 E. 1st, Boston, 27, Mass.
JACKSON automobile truck trailers—Miles Co., Jackson, Mich.
JACKSON belt fasteners—Green, Tweed & Co., 109 Duane, New York
JACKSON belt fasteners—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
JACKSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
JACKSON belt lacing machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
JACKSON chemical nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.
JACKSON churns—W. W. Babcock Co., Bath, N. Y.
JACKSON concrete carts—Jackson Mfg. Co., Harrisburg, Pa.
JACKSON electric portable drills—Ajax Electric Tool Co., Ludington, Mich.
JACKSON flue scrapers—James J. Keeley, Jackson, Mich.
JACKSON fly swatters—Lubbers & Bell Mfg. Co., Clinton, Ia.
JACKSON grapple forks—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
JACKSON hay forks—F. E. Myers & Bro., Ashland, Ohio
JACKSON levels—Joseph Woodwell Co., 207 Wood, Pittsburgh, Pa.
JACKSON locomotive oilers—J. W. Jackson, Sharpsville, Pa.
JACKSON sand reels—Masseth Packer & Machine Co., Butler, Pa.
JACKSON sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.
JACKSON ventilating grates—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York
JACKSON washing machines—Jackson Gas Engine Co., Jackson, Mich.
JACKSON wire fence machines & wire stretchers—Jackson Fence Co., Jackson, Mich.
JACKSTOPER rock drills—Ingersoll-Rand Co., 11 Broadway, New York
JACO printing inks—Jaenecke-Ault Co., Newark, N. J.
JACOBI boat hooks—Chas. D. Durkee & Co., 2 South, New York
JACOBS drill chucks—Jacobs Mfg. Co., 894 Park, Hartford, Conn.
JACOBS feed water heaters—Charles Jacobs & Co., 258 Franklin, Boston, Mass.
JACOBSON automobile wind shields—Jacobson Bros., 254 Central, Newark, N. J.
JAEGER decorative electric lighting—Elux Miniature Lamp Division, 6 E. 39th, New York.
JA-GA-BI head tachometers—James G. Biddle, 1211 Arch, Phila., Pa.
JAHN steam engine governors—Massey Machine Co., Watertown, N. Y.
JAMACO closet seats—James Mfg. Co., Canton, Ohio
JAMBO hot water radiator valves—Alonzo H. Magee 136 Beekman, New York
JAMES harrows & pulverizers—Janesville Machine Co., Janesville, Wis.
JAMES iron fillers—Patton Paint Co., Milwaukee, Wis.
JAMES steel stable fixtures—James Mfg. Co., Fort Atkinson, Wis.
JAMES & GRAHAM farm wagons—James & Graham Wagon Co., Memphis, Tenn.
JAMESTOWN water cooling radiators & tractor radiators—Jamestown Car Parts & Mfg. Co., Jamestown, N. Y.
JANDUS electric ceiling fans—Adams-Bagnall Electric Co., Platt av, Cleveland, Ohio
JANDUS LUXOLABORA lamp posts—Adams-Bagnall Electric Co., Platt av, Cleveland, Ohio
JANESVILLE hay carriers—Strickler Hay Tool Co., Janesville, Wis.

JANESVILLE riding listers—Janesville Machine Co., Janesville, Wis.
JANET kitchen enamel ware—John Dunlap Co., Carnegie, Pa.
JANEWAY gas works apparatus—Phoenix Gas & Improvement Co., Harrison bldg, Phila., Pa.
JANNEY car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
JANOS sheet packing—Feodor Burgmann, 26 Courtland, New York
JANSEN belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.
JAP-A-LAC paints, wood fillers, floor finish & varnish—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
JAPANESE furniture polish—World Polish Mfg. Co., York, Pa.
JAPANESE lawn sprinklers—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
JAPANESE linen ledger paper—Crane Bros., Westfield, Mass.
JAPOLA furniture polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
JARDINE fireplace dampers—Walter S. Jardine & Sons Co., 29 Central Arlington Heights, Mass.
JARECKI pipe tongs, pipe vises, screw plates, die heads, street washers, valve and service boxes—Jarecki Mfg. Co., Erie, Pa.
JARECKI pipe vises—Oswego Tool Co., Oswego, N. Y.
JARRELL hand power punch & shear—Clark Foundry Co., Rumford, Me.
JARVIS ball drive tapping attachments—Charles L. Jarvis Co., Gildersleeve, Conn.
JARVIS feed & hay carriers & garden cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
JARVIS pumps & safety water columns—Jarvis Engine & Machine Works, Lansing, Mich.
JASCO seamless steel tanks—Janney-Steinmetz & Co., 1421 H Chestnut, Phila., Pa.
JASON fly swatters—J. B. Timberlake & Sons, Jackson, Mich.
JASPER grinding wheels—Spaulding & Metcalf, 532 H Arch, Phila., Pa.
JASPER wall plaster—Fowler & Pay, Mankato, Minn.
JAX chemical engine hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
JAXON lamp brackets & potato bakers—J. B. Timberlake & Sons, Jackson, Mich.
JAYHAWK corrugated paper—Lawrence Paper Co., 151 Spring, New York
JAYHAWK corrugated packing paper & folding paper boxes—Lawrence Paper Mfg. Co., Lawrence, Kan.
JAYHAWK hay stackers, road scrapers & sweep rakes—F. Wyatt Mfg. Co., Salina, Kan.
JAYNES fixture insulating joints—Trumbull Electric Mfg. Co., Plainville, Conn.
JAZZ lead pencils—American Lead Pencil Co., 220 5th av, New York.
JECTOR suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
JEFFERIS metallic & pressed steel lockers & cabinets & steel bins—Richard W. Jefferis Co., Camden, N. J.
JEFFERSON couplings, union elbows, fittings, pipe flanges, tees & unions—Jefferson Union Co., Lexington, Mass.
JEFFERSON farm wagons—Vaughn Mfg. Co., Jefferson, Wis.
JEFFERSON illuminating glassware, etc.—Jefferson Glass Co., 5 S. Wabash av, Chicago, Ill.
JEFFERSON motor cycles—Waverly Mfg. Co., Jefferson, Wis.
JEFFERSON sash cords—J. E. Fricke Co., 247 Market, Phila., Pa.
JEFFREY elevating, conveying & power transmission machinery—Jeffrey Mfg. Co., Columbus, Ohio
JEFFREY'S marine glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
JEFFERYS waterproof liquid glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
JEM junction boxes—Barlow Foundry Co., 551 N. J. R. R. av, Newark, N. J.
JENA gauge glasses—Burgin & Co., 487 H Broadway, New York.
JENARCO packing & gaskets—Jenkins Bros., 80 White, New York
JENKINS compressed asbestos jointing—Jenkins Bros., 80 White, New York
JENKINS sewage ejectors—Jenkings Mfg. Co., Bloomfield, N. J.
JENKINS sulphur apparatus—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
JENKINS valves, discs, packing & gaskets—Jenkins Bros., 80 White, New York
JENKINS DISC radiator corner valves—Buckeye Iron & Brass Works, Dayton, Ohio
JENKINS DISC radiator valves—Capitol Brass Works, 596 Franklin, Detroit, Mich.
JENKINS 96 packing—Jenkins Bros., 80 White, New York
JENKS electric lanterns—Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.
JENKS window springs—Stanley Works, New Britain, Conn.
JENNE track jacks—Crerar, Adams & Co., 259 E. Erie, Chicago, Ill.
JENNEY variable speed motors—American Rotary Valve Co., Anderson, Ind.
JENNINGS auger & wood bits—Jas. Swan Co., Seymour, Conn.
JENNINGS gimlet bits—C. E. Jennings & Co., 71 Murray, New York
JENNINGS pumps & dredges—Jennings Pump & Dredge Co., 180 N. Dearborn, Chicago, Ill.
JENNINGS steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
JENNINGS wood boring tools—Connecticut Valley Mfg. Co., Centerbrook, Conn.
JENNISON radiator foot rests—Jennison Co., Fitchburg, Mass.
JENNY LIND stone polishing machinery—Concord Axle Co., Penacook, N. H.
JENNY LIND stone polishing machinery—St. Cloud Iron Works Co., St. Cloud, Minn.
JENSEN'S can filling machines—Seattle-Astoria Iron Works, Seattle, Wash.
JERGENS hand soap—Andrew Jergens Co., 599 B'way, New York
JERGUSON gauge glasses & water gauges—Jerguson Gage & Valve Co., Mystic av & Fellsway, Somerville, Mass.
JERICHO automobile horns—Randall-Faichney Co., Boston, Mass.
JERICO sledges—John Ernsdorff Iron Co., Dubuque, Ia.
JEROME packing—Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.
JERSEY copper wire cloth, wire netting, wire cloth—New Jersey Wire Cloth Co., Trenton, N. J.
JERSEY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
JERSEY QUEEN can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
JESCO metal polish—J. Eavenson & Son, Camden, N. J.
JESSOP'S tool steel—Wm. Jessop & Sons (Inc.), 91 John, New York
JESTER SACKETT fireproof partitions—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
JET black paints—Great Lakes Refining Co., 5716 Euclid av, Cleveland, Ohio
JET-LAC air drying enamels—Hall-Thompson Co., Hartford, Conn.
JET OIL shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
JEWEL bath water heaters—American Stove Co., 827 Chouteau av, St. Louis, Mo.
JEWEL combination water closets—Bowlus Mfg. Co., Springfield, Ohio
JEWEL felt, buffing & polishing wheels, marble & granite polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.
JEWEL garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
JEWEL glassine paper—Warren Mfg. Co., 233 Broadway, New York
JEWEL harrows—South Bend Chilled Plow Co., South Bend, Ind.
JEWEL furniture polish, paint & varnish remover—Wadsworth-Howland Co., 225 N. Carpenter, Chicago, Ill.
JEWEL riding listers—Kingman Plow Co., Peoria, Ill.
JEWEL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
JEWEL rural mail boxes—Peck, C. A. Hdwe Co., Berlin, Wis.
JEWEL sweeping compounds—Jewel Mfg. Co., 2863 W. 22d, Chicago, Ill.
JEWEL vertical engines—C. H. Dutton Co., Kalamazoo, Mich.
JEWELER hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
JEWELL ammeters & voltmeters—Jewell Electrical Instrument Co., 1650 Walnut, Chicago, Ill.
JEWELL barn door latches—Peck, C. A. Hdwe Co., Berlin, Wis.
JEWELL corn & cob mills—Duplex Mfg. Co., Superior, Wis.
JEWELL garden cultivators—South Bend Chilled Plow Co., South Bend, Ind.
JEWELL gas stoves, gas heaters—American Stove Co., 827 Chouteau av, St. Louis, Mo.
JEWELL gasoline blow torches—Turner Brass Works, Sycamore, Ill.
JEWELL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
JEWELL hay carriers—Louden Machinery Co., Fairfield, Ia.
JEWELL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
JEWELL radiator valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
JEWELL seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
JEWETT car gates & guards & truck units & passenger cars—Wm. Hamilton Sons Car Co., Newark, Ohio.
JEWETT kitchen enameled ware—Jewett Stamping & Enameling Co., Jewett, Ohio
JEWETT stoves—Jewett & Co., Buffalo, N. Y.
JEWETT water coolers—Buffalo Mfg. Co., Buffalo, N. Y.
JIANT bean harvesters & cultivators—Donaldson Bros., Mt. Clemens, Mich.
JIFFY bushings—New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
JIFFY fire hose racks—Jiffy Fire Hose Rack Co., 727 7th av, New York
JIFFY fuse clips—Minerallac Electric Co., 1045 Washington blvd., Chicago, Ill.
JIFFY outlet—bushings—New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
JIFFY package sealing machines—Anthony Eisler & Co., 227 Canal, New York
JIFFY postmarking devices—Columbia Postal Supply Co., Silver Creek, N. Y.
JIFFY storm sash hangers & screen door hinges—Rock City Mfg. Co., Wabash, Ind.
JIFFY BILT portable fireproof garages—Martin Steel Products Co., Mansfield, Ohio
JIM CROW rail benders—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
JIM CROW rail benders—Buda Co., Railway Exchange bldg, Chicago, Ill.

JIM CROW rail benders—Pittsburgh Trolley Pole & Forge Co., 117 Water, Pittsburgh, Pa.
JIM CROW rail benders—Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
JIM DANDY combination glove & shoe buttoners & folding screw drivers—Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.
JIM DANDY dressing & belt lacing—Pechin belting Co., 700 N. Front, Phila., Pa.
JIM DANDY fish bait—Wise Sportsman's Supply Co., 15 E. Lake, Chicago, Ill.
JITNEY automobile bells—Frank Mossberg Co., Attleboro, Mass.
JOB cotton seed hullers—French Oil Mill Machinery Co., Piqua, Ohio
JOCKEY horse brushes—Standard Brush Co., New Hartford, Conn.
JOCKY neck yokes—C. Prouty & Co., Eldred, Pa.
JOE'S friction clutches & reversing marine gears & safety starters—Snow & Petrelli Mfg. Co., New Haven, Conn.
JOHANSSON adjustable limit plug & snap gauges—C. E. Johansson, Inc., Poughkeepsie, N. Y.
JOHN BULL motor boats—Disappearing Propeller Boat Corp. of New York, North Tonawanda, N. Y.
JOHN DEERE agricultural implements, harrow carts—Deere & Co., Moline, Ill.
JOHN DEERE spring corn shellers & manure spreaders—Marseilles Wks. of Deere & Co., East Moline, Ill.
JOHN GLOVER steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.
JOHN J. CLARK'S spool cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
JOHNS-MANVILLE asbestos & allied products—Johns-Manville, Inc., Madison av & 41st, New York.
JOHN NICHOL'S harness awls—John Thornton, Jr., 108 Worth, New York
JOHN O'LAUGHLIN'S cylindrical screens—Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
JNO. WILSON'S butchers' knives—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
JOHNNY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa.
JOHNS-MANSVILLE asbestos & allied products—H. W. Johns-Manville Co., Madison av & 41st, New York
JOHNSON bilge pumps—Wickwire Steel Corp., Worcester, Mass.
JOHNSON coin counting machines—Johnson Coin Counting Machine Co., 237 Lafayette, New York
JOHNSON cutting-off tools—Pratt & Whitney Co., Hartford, Conn.
JOHNSON fanning mills—Belcher & Taylor Agric. Tool Co., Chicopee Falls, Mass.
JOHNSON fare boxes—Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.
JOHNSON friction & gas engine clutches & reversing marine gears—Johnson Carlyle Machine Co., Manchester, Conn.
JOHNSON fuel oil burners—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.
JOHNSON barrow carts—Madison Plow Co., Milwaukee, Wis.
JOHNSON hopper doors—Industrial Supply & Equipment Co., 407 Samson, Phila., Pa.
JOHNSON humidifying apparatus regulators & valves—Johnson Service Co., 149 Michigan, Milwaukee, Wis.
JOHNSON marking gauges—E. P. Johnson Rule Mfg. Co., 565 Washington blvd, Chicago, Ill.
JOHNSON road oilers—Wm. F. Irish Elec. Supplies, 130 W. 32d, New York
JOHNSON steel, anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
JOHNSON tackle boxes & trayless fishing tackle boxes—Merriam Mfg. Co., Durham, Conn.
JOHNSON valves—Wm. Cramp & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
JOHNSON well screens—E. E. Johnson, St. Paul, Minn.
JOHNSON'S duck decoys—Wm. R. Johnson, Seattle, Wash.
JOHNSON'S floor finish—S. C. Johnson & Son, Racine, Wis.
JOHNSON'S fuel oil—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.
JOHNSON'S packing & gum gaskets—H. Johnson Co., ft. Gates av, Jersey City, N. J.
JOHNSON TRAYLESS fishing tackle boxes—Merriam Mfg. Co., Durham, Conn.
JOHNSTON cloth dryers—Utica Novelty & Mill Specialty Co., Utica, N. Y.
JOHNSTON corn binders, mowers & binder covers—Massey-Harris Harvester Co., Batavia, N. Y.
JOHNSTON pipe wrenches—F. Pfeifer, 97 Reade, New York
JOHNSTON road oilers—Standard Mfg. Co., Worcester, Mass.
JOHNSTON CONTINENTAL reapers—Massey-Harris Harvester Co., Batavia, N. Y.
JOHNSTONE blow-off cocks & valves—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
JOINTITE pipe joint cements—Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.
JOINTITE pipe joint compounds—Marbleoid Co., 47 W. 34th, New York
JOKER clasps key rings—Browne & Dowd Mfg. Co., Meriden, Conn.
JONES belt fasteners—Greene, Tweed & Co., 109 Duane, New York
JONES belt fasteners—Jewell Belting Co., Hartford, Conn.
JONES car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.
JONES cold storage doors—Jamison Cold Storage Door Co., Hagerstown, Md.
JONES end cutting nippers & hoof parers—Eli Jones & Sons, Luverne, Minn.
JONES flexible couplings—W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
JONES harness snaps—Frazer & Jones Co., Syracuse, N. Y.
JONES improved loose leaf devices—Wilson, Jones Loose Leaf Co., 3300 Franklin blvd, Chicago, Ill.
JONES jet photometers—Connelly Iron Sponge & Governor Co., 227 Fulton, New York
JONES light switchboards—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
JONES machinery guards and safety devices—Acme Guard Co., 150 Nassau, New York
JONES accident preventers, machinery guards & safety devices—Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.
JONES mine rachet drills—Jones Machine Co., Chattanooga, Tenn.
JONES minnow buckets—Deshler Mail Box Co., Deshler, Ohio
JONES ore samplers—Denver Fire Clay Co., Denver, Colo.
JONES pipe hangers—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
JONES pneumatic signals—American Safety Lamp & Mine Co., Scranton, Pa.
JONES portable grain elevators—Fremont Mfg. Co., Fremont, Neb.
JONES speedometers—Jones Speedometer Co., 590 Jackson av, Brooklyn, N. Y.
JONES steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.
JONES underfeed mechanical stokers—Under Feed Stoker Co. of Am., Book bldg., Detroit, Mich.
JONES ventilating registers—U. S. Register Co., Ltd., Battle Creek, Mich.
JONES IMPROVED loose leaf devices—Wilson-Jones Loose Leaf Co., 3300 Franklin blvd., Chicago, Ill.
JONES PEERLESS car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.
JORGENSON adjustable screw clamps & hand screws—Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.
JOSEPH JEFFERSON fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
JOSEPH SYKES BROS. card clothing—Leigh & Butler, 232 Summer, Boston, Mass.
JOSICO fire extinguishers—John Simmons Co., 110 Centre, New York.
JOSLIN time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
JOST-HORN switches—Frank W. Morse, 289 Congress, Boston, Mass.
JOURNAL COMPOUND lubricating oils—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
JOVE fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
JOY meat & food choppers—Rollman Mfg. Co., Mt. Joy, Pa.
JOY pneumatic hose couplings—H. D. Edwards Co., 16 Woodward av, Detroit, Mich.
JOYCE track lifting jacks—Joyce-Cridland Co., Dayton, Ohio
JUBILEE automobile horns—Randall-Faichney Co., Boston, Mass.
JUBILEE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
JUDSEN rubber horse shoe pads—Carl A. Judsen, 214 W. Erie, Chicago, Ill.
JUJU toys—Dean & Williams Co., 4317 Elston av, Chicago, Ill.
JULIAN gold seals and gummed labels—Milwaukee Label & Seal Co., 161 Milwaukee, Milwaukee, Wis.
JUMBO air valves, floor & ceiling plates, heating thermometers—Magee Steam Specialty Corp., 136 Beekman, New York
JUMBO beam clamps, pipe hangers, radiator & float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
JUMBO box board machines—Peter Gerlach Co., 1712 Winter, Cleveland, Ohio
JUMBO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
JUMBO feed grinding mills—Wolf Co., Chambersburg, Pa.
JUMBO lawn rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
JUMBO gas engines—Harrison Machine Works, Belleville, Ill.
JUMBO gas & steam engines—Nelson Bros. Co., Saginaw, Mich.
JUMBO glass insulator—Brookfield Glass Co., 2 Rector, New York
JUMBO ice shavers, ice cube cutting machines—Reinhold Mfg. Co., 139 Beaubien, Detroit, Mich.
JUMBO insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
JUMBO land plaster fertilizer—United States Gypsum Co., Plasterco, Va.
JUMBO load, log or lumber binders—Eugene Stacy, Tiffin, Ohio
JUMBO nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
JUMBO natural gas burners—D. M. Steward Mfg. Co., Chattanooga, Tenn.
JUMBO oil & grease guns—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.
JUMBO steam engines—Superior Shipbuilding Co., Superior, Wis.
JUMBO stump pullers—C. D. Edwards, Albert Lea, Minn.
JUMBO sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
JUMBO tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
JUMBO well buckets—Richmond Cedar Works, Fulton, Richmond, Va.

JUMBO LIGHTNING hand ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
JUMBO WHEEL toys, games & novelties—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio
JUMPER dumb waiters—J. G. Speidel, Reading, Pa.
JUMPHLANE spark coils—Autocoil Co., 136 7th, Jersey City, N. J.
JUNIATA kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
JUNIOR adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
JUNIOR canvas stitched belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
JUNIOR engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
JUNIOR gang saw edgers—American Sawmill Machinery Co., Hackettstown, N. J.
JUNIOR incandescent gas mantles—Eclipse Light Co., 583 B'way, New York
JUNIOR steam heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
JUNIOR steam heaters—Pittsburgh Water Heater Co., 610 Jenkins bldg, Pittsburgh, Pa.
JUNIOR EMPIRE barrel spray pumps—Field Force Pump Co., Elmira, N. Y.
JR. GASOMETER indicators—Ritz-Woller Oliver Co., 166 W. Lake, Chicago, Ill.
JUNIOR LEADER orchard sprayer—Field Force Pump Co., Elmira, N. Y.
JUNIOR MONARCH hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
JUNITA steel toe-calks—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
JUNKERS calorimeters—American Meter Co., 3112 N. 17th, Phila., Pa.
JUNO battery motors—Davis Kendrick Co., Lebanon, N. H.
JUNO rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
JUPITER belt driver, electric light and power plants, electric lighting generators & electric power generators—Dealers Elec. Light Co., 500 E 40th, Chicago, Ill.
JUPITER boiler—Godfrey Keller Co., 70 Warren, New York
JUPITER electric light & power plants, elec. generators, switchboards—Perfection Storage Battery Co., 500 E 40th, Chicago, Ill.
JUPITER flaming arc lamps—Felix Hamburger, 44 E. 23rd, New York
JUPITER padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.
JUPITER steam hose—O. C. Keckley Co., 318 H Washington av, Chicago, Ill.
JUST RIGHT metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.
JUST-THE-THING fruit strainers—Tate Mfg. Co., 48 Hanover, Boston, Mass.
JUSTICE brick dryers—Manufacturers Equipment Co., Dayton, Ohio
JUSTICE power hammers—P. S. Justice & Co., 421 Chestnut, Phila., Pa.
JUSTRITE brass faucets—Crane Co., 836 S Michigan av, Chicago, Ill.
JUSTRITE garbage & waste cans, acetylene mine lamps, fire extinguishers, oil cups & taper pins—Justrite Mfg. Co., 2064 Southport av, Chicago, Ill.
JUSTRITE plow blade sharpeners—Strite Governor Pulley Co., Minneapolis, Minn.
JUSTRITE spray nozzle—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
JUVENIS closets—Crane Co., 836 S Michigan av, Chicago, Ill.
JYPCO electric gas lighting burners—Jno. Y. Parke & Co., 29 N 7th, Phila., Pa.
K. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
K filterine & water filters—Filtrine Mfg. Co., 53 Lexington av, Brooklyn, N. Y.
K. A. C. auto grease—Columbia Refining Co., 90 West, New York
K. B. crown crucible clays—Anthony Meng & Co., 17 S. Front, Phila., Pa.
K. C. gas engines—Kansas City Hay Press Co., Kansas City, Mo.
K. C. JR. gas engines—Kansas City Hay Press Co., Kansas City, Mo.
K.-D. electro plating dynamos, jewelers' counterbores, medical batteries—Kendrick-Davis Co., Lebanon, N. H.
K. D. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
K.-D. galvanized culvert iron tanks, iron flumes—Harry Bros. Co., Carr & I. C. R. R., New Orleans, La.
K. E. electric fuses—Kirkman Engng. Corp., 484H Broome, New York.
K. I. trolley wire splicers—Electric Railway Equipment Co., Cincinnati, Ohio
K. K. laboratory flotation machinery & oil feeders—Braun Corp., 363 New High, Los Angeles, Cal.
K. K. weatherproof wire—American Brass Co., Waterbury, Conn.
K.-K. x-ray apparatus—Kelley-Koett Mfg. Co., Covington, Ky.
K. M. C. steam & vacuum heaters—Kellogg, Mackay Co., 419 W 18th, Chicago, Ill.
K-P piston rings—Key-Piston Ring Co., 3049 Olive, St. Louis, Mo.
K.-T. tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
K-V check valves—Max Machine Co., Clinton, Mass.
K. V. A. transformer for moving picture lamps—J. H. Hallberg, 1604 B'way, New York
K. W. contact points—K. W. Ignition Co., Chester av & E 30th, Cleveland, Ohio
K-W electric rosettes—Bryant Electric Co., Bridgeport, Conn.
K. W. fuse rosettes—Arrow Electric Co., Hartford, Conn.
K. W. incandescent cut-outs—H. T. Paiste Co., 3201 Arch, Phila., Pa.
K. & B. wrenches, linemen's climbers, hand vises, tack hammers—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
K. & C. cement—Missouri Portland Cement Co., Post Despatch bldg, St. Louis, Mo.
K. & D. screw drivers, battery motors, gas igniters, jewelers' vises—Kendrick-Davis Co., Lebanon, N. H.
K. & H. portable grain elevators—King & Hamilton Co., Ottawa, Ill.
K. & J. air dump cars—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
K. & J. expansion joints, chime whistles & bean clamps—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
K. & M. steam clocks & valves—Kinsey & Mahler Co., Peoria, Ill.
K. & P. glaziers' putty—Kent & Purdy Paint Co., 307 N Main, St. Louis, Mo.
K. & R. tire upsetters—Kane & Roach, Syracuse, N. Y.
K. & S. wrenches—R. F. Sedgley, Dept. H, 2311 N 16th, Phila, Pa.
K. & T. valves, pressure regulators, pump governors, steam traps—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
KABLAK insulating cloth, paper, tape—Mica Insulator Co., 68 Church, New York
KAESTNER malt mills—Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
KA-HA-CO automobile horns—Kale Stamping Co., 1657H W Lafayette blvd, Detroit, Mich.
KAHLENBERG kerosene oil engines—Kahlenberg Bros. Co., Two Rivers, Wis.
KAHN concrete inserts, post caps & bases—Truscon Steel Co., Youngstown, Ohio
KAISER farm boilers—Bovee Furnace Works, Waterloo, Ia.
KAISER metal polish—Borsum Bros., 227 Fulton, New York
KALAMAZOO gas ranges—Kalamazoo Stove Co., Kalamazoo, Mich.
KALAMAZOO hand car wheels—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KALAMAZOO hoes—Union Fork & Hoe Co., Columbus, Ohio
KALAMAZOO sickle grinders—Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
KALAMAZOO trolley barps & wheels—Star Brass Works, Kalamazoo, Mich.
KALLIGRAINE transfer graining paper—Emil Majert Co., 9 E. 37th, New York
KALLITH lepidolite—B. F. Drakenfeld & Co., 50 Murray, New York
KALLOITE wall plaster—Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
KALORIC sheet packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
KALUX for tempering & hardening steel tools—Metal Hardening Solution Co., Rochester, N. Y.
KAMAH automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.
KAMBRO set-in-rubber brushes—Kample Bros., 330 Atlantic av, Brooklyn, N. Y.
KAMLEE automobile trunks—Kamlee Co., 448 E. Water, Milwaukee, Wis.
KAMP KOMFORT heaters & stoves—A. C. Kraft, 323 W. Lake, Chicago, Ill.
KAMPKOOK stoves—Am. Gas Mach. Co., 78 Reade, New York
KAMP KOOK'S KIT cooking outfits—A. C. Kraft, 323 W. Lake, Chicago, Ill.
KAMPOVENS camp stoves—Am. Gas Machine Co. Inc., 78 Reade, New York.
KANAWHA bromide & chloride of calcium—Jno. Q. Dickinson & Co., Malden, W. Va.
KANAWHA chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.
KANAWHA mine ventilating fans—South Side Foundry & Machine Works, Charleston, W. Va.
KANCIMO lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
KANE pipe hangers—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
KANGAROO animal & game traps—Triumph Trap Co., Oneida, N. Y.
KANGAROO hand cars—Kangaroo Mfg. Co., 10 S. La Salle, Chicago, Ill.
KANISTEO rulers & yardsticks—Up-to-Date Adv. Co., Canisteo, N. Y.
KAN KUT can openers—Schatz Mfg. Co., Poughkeepsie, N. Y.
KANSAS CYCLONE molders' bellows—Thos. A. Clark, 5783 Side av, N. W., Cleveland, Ohio
KANT scratch fly swatters—Andrews Wire & Iron Works, Rockford, Ill.
KANTBEBEAT dry core compounds—S. Obermayer Co., 2563 W. 18th, Chicago, Ill.
KANTBERN asbestos pad physicians' electrodes—McIntosh Battery & Optical Co., 217 N Desplaines, Chicago, Ill.
KANT BLO automobile reliners—Hampton Mfg. Co., Indianapolis, Ind.
KANT-BLO-OFF tube cleaners—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
KANTKINK flexible metallic hose—Goodyear Tire & Rubber Co., Akron, Ohio
KANT-KRACK fruit jar covers—Smalley, Kivlan & Onthank, 21 Blackstone, Boston, Mass.
KANT-KOROD paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
KANT-LEAK copper floats—Wolverine Brass Works, Grand Rapids, Mich.
KANT LEEK oil storage tanks—Milwaukee Tank Works, Fratney & Becker, Milwaukee, Wis.

KANTLEKE gas tubing—Chicago Tubing & Braiding Co., 216 N Clinton, Chicago, Ill.
KANT-MIS fly swatters—U. S. Wire Mat Co., Decatur, Ill.
KANT-SKID auto chain—Woodworth Mfg. Co., Starr av, Binghamton, N. Y.
KANTSLIP adjustable screw clamps hand screws, pulley covering—Kantslip Co., Freeport, Mich.
KANTSPLIT valve wheels—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
KANT-SUCK calf weaners—Imperial Bit & Snap Co., Racine, Wis.
KANT SUK calf weaners—Wagner Specialty Co., Burlington, Wis.
KAPAK elaterite roofing—Raven Mining Co., of Utah, Marquette, bldg., Chicago, Ill.
KAPPA incandescent cut-outs—Trumbull Electric Mfg. Co., Plainville, Conn.
KAPTAN steam hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KARADAM hatchets—North Wayne Tool Co., Hallowell, Me.
KARBO sickel grinders—Whitaker Mfg. Co., 409 S. Greene, Chicago, Ill.
KARBOL wood preservatives—L. Sonneborn Sons, 262 Pearl, New York
KARBONITE sheet packing—New York Belting & Packing Co., 91 Chambers, New York
KARBON KOTE carbon paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
KARDEX filing cabinets—American Kardex Co., Tonawanda, N. Y.
KARGES farm wagons—Karges Wagon Co., Evansville, Ind.
KASENIT case hardening compounds—Kasenit Co., 11 Water, New York
KATAK boiler compound water purifier—Swan & Finch, 165 B'way, New York
K-A-U-R-I varnish—Booden & Son, 245 N. 9th, Brooklyn, N. Y.
KAWALLE AUTOMATIC mitre boxes—Manumotor Co., Manitowoc, Wis.
KAWNEER steel mouldings, metallic window frame & sash rolled steel windows—Kawneer Mfg. Co., Niles, Mich.
KAZOO automobile jacks—National-Standard Co., Box 211, Niles, Mich.
KEANOL cotton cleaning machy—Terrell Machine Co., 1200H N Church, Charlotte, N. C.
KEARNEY & FOOT files—Nicholson File Co., Providence, R. I.
KEARSARGE asbestos metallic packing & gaskets—Johns-Manville, Inc., Madison av & 41st, New York
KECO steel measuring tapes—Keuffel & Esser Co., Hoboken, N. J.
KEELER water tube boilers, steam & hot water heaters—E. Keeler Co., Williamsport, Pa.
KEE LOX carbon paper & typewriter ribbons—Kee Lox Mfg. Co., Rochester, N. Y.
KEENE'S windsor asbestos cements—J. B. King & Co., 17 State, New York
KEEN KUTTER cutlery & tools—Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
KEEN O can openers, ice chisels—W. G. Browne Mfg. Co., Kingston, N. Y.
KEENOH razor stroppers—Keenoh Co., 82 First, Detroit, Mich.
KEEPDRY cloth lined waterproof wrapping—Angier Mills, Ashland, Mass.
KEEP KOOL cutting & drilling compounds—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
KEEPTITE packing—Crandall Packing Co., Palmyra, N. Y.
KEES furnace regulators, metal building corners—F. D. Kees Mfg. Co., Beatrice, Nebr.
KEES-GOSSETT storm sash hangers—F. D. Kees Mfg. Co., Beatrice, Neb.
KEGLER chain pumps—Ferguson Mfg. Co., Dubuque, Ia.
KEITH combination heaters—Keith Furnace Co., Des Moines, Ia.
KEITH sanitary drinking fountains—L. E. Knott Apparatus Co., 79 Amherst, Boston, Mass.
KEITH'S Boston bubbler drinking fountains—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
KEITHS stationery—Am. Papeterie Co., Dept. H, Albany, N. Y.
KELCO foundry facings—T. P. Kelly & Co., Inc., 355 W. 26th, New York
KELCO graphite, boiler compounds—Kelly Graphite Mills, 355 W. 26th, New York
KELLASTONE sanitary flooring—U. S. Kellastone Co., Chicago, Ill.
KELLASTONE sanitary flooring & stucco—National Kellastone Co., 5 S. Wabash av, Chicago, Ill.
KELLER assay balances—G. P. Keller, Salt Lake City, Utah.
KELLER axle cutters, farm wagons, lawn swings, pipe cutters—Keller Mfg. Co., Minneapolis, Minn
KELLERMAN chain tongs—Union Tool Co., Torrence, Cal.
KELLEY routing & floor polishing machines—Kelley Electric Machine Co., 1407 West av, Buffalo, N. Y.
KELLEY DUPLEX sickle grinders—Duplex Mill & Mfg. Co., Springfield, Ohio
KELLOGG chimneys of radial blocks—Paul B. Huyette Co., 5H S 18th, Phila., Pa.
KELLOGG linseed base core oils—Kellogg, Spencer & Sons, Buffalo, N. Y.
KELLOGG pipe sleeves—New Brunswick Iron Works, New Brunswick, N. J.
KELLUM damper regulators—Hess & Barker, 618 Chestnut, Phila., Pa.
KELLY carpet vises—C. S. Osborne & Co., Box 183 Newark, N. J.
KELLY KONTAINER steel container—Benjamin Electric Mfg. Co., 120H S Sangamon, Chicago, Ill.
KELLY corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio
KELLY horizontal coal screens—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
KELLY pipe couplings—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
KELLY reamers & boring tools—Kelly Reamer Co., 1553 Columbus rd, Cleveland, Ohio.
KELLY water closets, stop & waste cocks—Thos. Kelly & Bros., 404 S. Kolmar av, Chicago, Ill.
KELLY, Jr. hollow augers—House Cold Tire Setter Co., 4143 Laclede, St. Louis, Mo.
KELLY PERFECT axe & scythe—Kelly Axe Mfg. Co., Charleston, W. Va.
KELLY-SPRINGFIELD road rollers—Buffalo Springfield Roller Co., Springfield, Ohio
KELLY-SPRINGFIELD rubber tires—Consolidated Rubber Tire Co., 200 W. 57th, New York
KELLY'S Albany stone jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
KELS castile soap—Green Oil Soap Co., 166 N. Curtis, Chicago, Ill.
KELMOR flushing valves—Single Faucet & Flush Valve Co., 617 W Jackson blvd, Chicago, Ill.
KELSEY hot air furnaces—Kelsey Heating Co., Syracuse, N. Y.
KELSODA cleaners—Green Oil Soap Co., Dept. H, 166 N Curtis, Chicago, Ill.
KELVIN galvanometers—Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
KELVINATOR refrigerating machinery—Kelvinator Corp., 621 W Fort, Detroit, Mich.
KEMP gas producers & gas machines—C. M. Kemp Co., 405 E Oliver, Baltimore, Md.
KEMP & BURPEE manure spreaders—Marseilles Wks. of Deere & Co., East Moline, Ill.
KEMP CLIMAX manure spreaders—N. J. Kemp Co., Batavia, N. Y.
KENCO battery motors & battery motor fans—Knapp Electric & Novelty Co., 511 W. 51st, New York
KENEWA planes—Sargent & Co., New Haven, Conn.
KENMAR lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
KENMORE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
KENNEDY valve & hydrants—Kennedy Valve Mfg. Co., Elmira, N. Y.
KENNESAW marble—Georgia Marble Co., Tate, Ga.
KENNEY marine speedometers—Geo. E. Lawrence, Bullitt bldg., Philadelphia, Pa.
KENNY hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
KENNY marine indicators—American Speed Indicator Co., New London, Conn.
KENNYS scouring powder—J. T. Kenny & Co., St. Paul, Minn.
KENO tire pump connections—Stevens & Co., 375 B'way, New York
KENOTRON high voltage D-C rectifiers—General Electric Co., Schenectady, N. Y.
KENSINGTON journal boxes—Union Spring & Mfg. Co., 1211 Fulton bldg, Pittsburgh, Pa.
KENT battery motors, battery motor fans—Kendrick-Davis Co., Lebanon, N. H.
KENT hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.
KENT lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
KENT smokeless furnaces—Power Specialty Co., 111 Broadway, New York
KENT vacuum cleaners & live stock vacuum groomers—Kent Vacuum Cleaner Co., Rome, N. Y.
KENTUCKO egg testers, incubator lamps, poultry fountains, feeders, etc.—Kentucky Stamping Co., Dept. H, Louisville, Ky.
KENTUCKY corn planters, grain drills, seeders, sowers—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
KENTUCKY curtain fasteners—F. A. Neider & Co., Dept. H, Augusta, Ky.
KENTUCKY farm wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.
KENTUCKY fertilizer distributors—International Harvester Co. of Am., Inc., Harvester bldg, Chicago, Ill.
KENTUCKY gang press wheel attachments—American Seeding Machine Co., Springfield, Ohio.
KENTUCKY incandescent electric lamps—Kentucky Electrical Co., Owensboro, Ky.
KENTUCKY shovels, spades, & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
KENTUCKY BLUE cut sawed & rough building stone flagging—Rowan County Freestone Co., Farmers, Ky.
KENTUCKY RIFLE black sporting powders—Du Pont de Nemours Powder Co. (E. I.), Wilmington, Del.
KENWOOD paper makers' felts, blankets, robes & sleeping bags—F. C. Huyck & Sons, Albany, N. Y.
KENWOOD lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
KENYON corn crushers—Burgess-Norton Mfg. Co., Geneva, Ill.
KERATOL artificial leather—Keratol Co., 348 Van Buren, Newark, N. J.
KERKNER alfalfa cultivators—Light Draft Harrow Co., Marshalltown, Ia.
KERNAL garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KERNCHEN SIPHONAGE ventilator—Kernchen Company, 332 S. Michigan av, Chicago, Ill.
KERNEL walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
KERNER incinerator—Kerner Incinerator Co., 596 Clinton, Milwaukee, Wis.

KERO-KOOK stoves—Am. Gas Machine Co. Inc., 78 Reade, New York.
KERSTINE grate bars—Bowler Foundry Co., 1688 Columbus, Cleveland, Ohio
KERTLANDT packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
KERWIN-DETROIT rail grinding machines—Kerwin Machine Co., Detroit, Mich.
KESCO floor plates & stair treads—Keystone Steel Co., H, Commercial Trust bldg., Phila., Pa.
KESTER soldering flux—Chicago Solder Co., 4201 Wrightwood av, Chicago, Ill.
KETCHUM drill press & milling mach. vises—Ketchum Tool Equipment Co., Bridgeport, Conn.
KETMAR garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KETOCO forgings, gear blankets, hammers, tong, tools, wrenches—Ketlor-Elliott, 31st, California, Chicago, Ill.
KETOS oil hardening tool steel, 303 Congress, Boston, Mass.
KETOS non-shrinking oil hardening tool steel—Halcomb Steel Co., Syracuse, N. Y.
KEWANEE brake beams—Chicago Railway Equipment Co., 1923 W. 46th, Chicago, Ill.
KEWANEE electric lighting systems, water supply systems—Kewanee Private Utilities Co., West Side, Kewanee, Ill.
KEWANEE foundry molding machines—Wm. Demmler & Bros., Kewanee, Ill.
KEWANEE house heating boilers—Kewanee Boiler Co., Kewanee, Ill.
KEWANEE outdoor sleeping berths—Kewanee Mfg. Co., Kewanee, Ill.
KEY expanded metal lath—General Fireproofing Co., Youngstown, Ohio
KEY BRAND spraying compounds—Interstate Chem. Co., 657 Garfield av, Jersey City, N. J.
KEYBRIDGE REINFORCEMENT metal lath & steel combined—Edwards Mfg. Co., 545-546 Eggleston av, Cincinnati, Ohio
KEYLESS fly fans—National Enameling & Stamping Co., 411 5th av, New York
KEY RING screw pitch gauges—Athol Mach. & Foundry Co., Athol, Mass.
KEYSER water gauges—Ashcroft Mfg. Co., 119 W. 40th, New York
KEYSTONE acid proof metal—Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
KEYSTONE auto creepers, steel mats—Keystone Wire Matting Co., Beaver Falls, Pa.
KEYSTONE inner tubes—Keystone Rubber Mfg. Co., Erie, Pa.
KEYSTONE automobile springs—Keystone Spring Works, 1301 Buttonwood, Phila., Pa.
KEYSTONE ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.
KEYSTONE barn door hangers—McKinney Mfg. Co., Liverpool & Metropolitan, Pittsburgh, Pa.
KEYSTONE black filler—Keystone Minerals Co., 41 Union sq, New York
KEYSTONE blast hole drills & steam shovels—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE boiler handles—Berger Bros. Co., 229 Arch, Phila., Pa.
KEYSTONE boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
KEYSTONE car flooring—Berger Mfg. Co., Canton, Ohio
KEYSTONE carriage springs—Fernald Mfg. Co., North East, Pa.
KEYSTONE case linings, slate roofing & insulating paper & roofing—Keystone Roofing Mfg. Co., York, Pa.
KEYSTONE cattle dehorners—Morris T. Phillips, Pomeroy, Pa.
KEYSTONE concrete mixer—Gray Iron Foundry Co., Reading, Pa.
KEYSTONE corn planters—A. B. Farquhar Co. Ltd., York, Pa.
KEYSTONE drills, ratchet, wrenches & old man drilling posts—Keystone Mfg. Co., Buffalo, N. Y.
KEYSTONE dumping wagons—Keystone Vehicle Co., Reading, Pa.
KEYSTONE electric railway supplies—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
KEYSTONE emery & corundum wheels—Walter C. Gold, 235 Race, Phila., Pa.
KEYSTONE expansion bolts—Diamond Expansion Bolt Co., 89 West, New York
KEYSTONE farm tractors—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
KEYSTONE farriers' knives—Champion Tool Co., Meadville, Pa.
KEYSTONE feed cutters—Ellis Keystone Agricultural Works, Pottstown, Pa.
KEYSTONE fence staples, telephone wire—Keystone Steel & Wire Co., Peoria, Ill.
KEYSTONE files, grooving saws—H. Disston & Sons (Inc.), Tacony, Phila., Pa.
KEYSTONE fire extinguishers—Am. La France Fire Engine Co., Elmira, N. Y.
KEYSTONE fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.
KEYSTONE fire-proof floors—Keystone Fireproofing Co., 16 S. Broad, Phila., Pa.
KEYSTONE flexible mats—Geo. A. Williams & Son. 85 Fulton, New York
KEYSTONE floor finish & varnish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
KEYSTONE force feed lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
KEYSTONE foundry flux—Basic Mineral Co., 834 Columbus av, N S Pittsburgh, Pa.
KEYSTONE fruit presses—Keystone Door Check Co., Harrisburg Pa.
KEYSTONE garden hose—Mulconroy Co. Inc., 54th & Jefferson, Phila., Pa.
KEYSTONE gasoline engines—West Chester Engine Co., West Chester, Pa.
KEYSTONE insulator & felt bldg. sheatings—Johns-Manville Inc., Madison av & 41st; New York
KEYSTONE hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
KEYSTONE hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
KEYSTONE lamp black—Bihn & Wolff Co., Ash & Almond, Phila., Pa.
KEYSTONE lamp chimneys — Macbeth-Evans Glass Co., Pittsburgh, Pa.
KEYSTONE lawn & garden rollers—A. Buch's Sons Co., Elizabethtown, Pa.
KEYSTONE lawn & garden rollers—Harriman Mfg. Co., Harriman, Tenn.
KEYSTONE lever switches—Frank W. Morse, 289 Congress, Boston, Mass.
KEYSTONE lime burning kilns—Steacy-Schmidt Mfg. Co., York, Pa.
KEYSTONE linen thread—R. J. Ederer Thread Co., Elizabeth & Unity, Phila., Pa.
KEYSTONE lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.
KEYSTONE lubricating greases—Keystone Lubricating Co., 21st & Clearfield, Phila., Pa.
KEYSTONE lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
KEYSTONE meat & food choppers—Colebrookdale Iron Co., Pottstown, Pa.
KEYSTONE mortar colors—Pittsburgh Iron Paint Co., N. S. Pittsburgh, Pa.
KEYSTONE night latches & padlocks—E. A. Fraim Lock Co., Lancaster, Pa.
KEYSTONE packing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.
KEYSTONE paint fillers—Keystone Paint & Filler Co., Muncy, Pa.
KEYSTONE paper cutting machines — Standard Machy., Mystic, Conn.
KEYSTONE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
KEYSTONE pipe fittings—Stanley G. Flagg & Co., Morris bldg, Phila., Pa
KEYSTONE poultry fountains—Pa. Stamping Co., York, Pa.
KEYSTONE pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
KEYSTONE railroad tool grinders—Keystone Grinder & Mfg. Co., 220 Penn av, Pittsburgh, Pa.
KEYSTONE rivetless chains—Wilmot Engng Co., Hazleton, Pa.
KEYSTONE saw clamps—Woodwell Joseph Co., 207 Wood, Pittsburgh, Pa.
KEYSTONE seals & presses—Keystone Seal & Press Co., 30 Main, Brooklyn, N. Y.
KEYSTONE steam shovels—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE steam & hot water heaters—Broomell, Schmidt & Co., Ltd., York, Pa.
KEYSTONE steel split pulleys—Dodge Sales & Engng. Co., Mishawaka, Ind.
KEYSTONE stove clay—Rogers & Co., Royersford, Pa.
KEYSTONE street washers—Gorecke Mfg. Co., Erie, Pa.
KEYSTONE swivel eye awning blocks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
KEYSTONE thermo foundry fluxes—Basic Mineral Co., Box 276, N S Pittsburgh, Pa.
KEYSTONE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.
KEYSTONE ventilators—Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
KEYSTONE vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
KEYSTONE water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.
KEYSTONE well drilling machines—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
KEYSTONE wrought steel pulleys—Rhode Island Supply & Sprinkler Co., 156 W Exchange, Providence, R. I.
KEYSTONE GIANT strain insulators —Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
KEYSTONE IMPROVED American, Greek & Turkish emery—Keystone Emery Mills, 4325 Paul, Phila., Pa.
KHEDIVE barber hair clipper—Coates Clipper Mfg. Co., Worcester, Mass.
KHOTAL kerosene furnaces, stoves & torches—William H. Otto Metal Goods Corp., 401 St. Paul's av, Jersey City, N. J.
KIBOSH shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
KID sight feed lubricators—Detroit Lubricator Co., Detroit, Mich.
KIDIE KAR children's vehicles—H. C. White Co., North Bennington, Vt.
KIDPHONE toy telephones—Am. Thermophone Co., 116 Bedford, Boston, Mass.
KIDWELL RING FLOW water tube boilers—Kidwell Boiler & Engineering Co., 288 E Water, Milwaukee, Wis.
KIEGEL theatre switchboards—Universal Elec. Stage Lighting Co., 240 W. 50th, New York
KIESLER clam shell buckets—Jos. F. Kiesler Co., N. Sangamon & W. Huron, Chicago, Ill.
KILBOURN sand boxes—Frank Ridlon Co., 251a, Boston, Mass.
KILKER'S Matte taping cars—Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
KILLARNEY suction hose—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
KILLITOL disinfectants—Norman C. Hayner Co., Rochester, N. Y.

KILO wattmeters—Kilo Electric Meter Co., Indianapolis, Ind.
KIMBALL ball bearing jacks—F. W. Kimball Co., Milford, Mass.
KIMBLE motors—Kimble Electric Co., 634 Northwestern av, Chicago, Ill.
KIMBO wind shield cleaners—C. P. Kimball & Co., 3900 S Michigan av, Chicago, Ill.
KINDLING street flushing machines—Kindling Machine Co., Milwaukee, Wis.
KINE water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
KINEO range boilers—Walls, Owen & Stambach Co., Phila., Pa.
KINETOSCOPE moving picture machines—Thos. A. Edison, Orange, N. J.
KING annunciators—Partrick & Wilkins Co., 51 N. 7th, Phila., Pa.
KING ash & garbage cans, garbage pails—Cincinnati Galvanizing Co., McMicken av, & Tafel, Cincinnati, Ohio
KING auger bits—Snell Mfg. Co., Fiskdale, Mass.
KING can filling machines—Ayars Machine Co., Salem, N. J.
KING can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
KING coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.
KING coat & hat hooks—Wickwire Spencer Steel Corp., Worcester, Mass.
KING corn planters, feed cutters, root cutters—Donaldson Bros., Mount Clemens, Mich.
KING door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
KING drain & tiling shovels—Osmundson Spade Mfg. Co., Perry, Ia.
KING minnow nets—W. H. Reisner Mfg. Co., Hagerstown, Md.
KING fly swatters—U. S. Wire Mat Co., Decatur, Ill.
KING gasoline lighting systems—King Light Co., Peoria, Ill.
KING grain drills—King Drill Mfg. Co., Nebraska City, Neb.
KING harness snaps—Covert Mfg. Co., Troy, N. Y.
KING hose—Empire Tire & Rubber Corp., Trenton, N. J.
KING hose clamps—Dixon Valve & Coupling Co., 11th & Race, Phila., Pa.
KING lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
KING metallic packing—U. S. Metallic Packing Co., 429 N 13th, Phila., Pa.
KING padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.
KING pipe joint compounds—Walter E. King, 115 W. 3rd, Cincinnati, Ohio
KING pot chains—Woods-Sherwood Co., Worcester, Mass.
KING safety razors—Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
KING screen door hinges—Allith Prouty Co., Danville, Ill.
KING screw drivers—C. E. Jennings & Co., 71 Murray, New York
KING smokeless powder—King Powder Co., First Nat. Bank bldg, Cincinnati, Ohio
KING spirit levels—King Level Works, Brighton, Mich.
KING steam engine governors—Sinker-Davis Co., Indianapolis, Ind.
KING tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
KING vacuum cleaners—Chas. W. Emery & Sons, 1304 Diamond, Phila., Pa.
KING water coolers—Everson Filter Co., 70 W. Lake, Chicago, Ill.
KING water meters—Union Water Meter Co., Worcester, Mass.
KING well buckets—Richmond Cedar Works, Fulton, Richmond, Va.
KING BEE barn door hangers—Lawrence Bros., Sterling, Ill.
KING BEE pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio
KING BEE stoves—King Stove & Range Co., Sheffield, Ala.
KING BRAND belt dressing—Damascus Mfg. Co., Cassius av, Cleveland, Ohio
KINGERY'S corn poppers—Kingery Mfg. Co., 420 E. Pearl, Cincinnati, Ohio
KINGFISHER fish line—E. J. Martin's Sons, Rockville, Conn.
KINGFISHER HYDRAULIC packing—Strong Machy. & Supply Co., 21 Walker, New York
KING GRAPHITE black sheet packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
KINGHORN pump valves—U. S. Indestructible Gasket Co., Church & Fulton, New York
KING-KORE core compounds—Frederic B. Stevens, 3rd & Larned, Detroit, Mich.
KINGLEY automobile wind shields—Western Mechanical Works, Los Angeles, Cal.
KINGMAN harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.
KINGMAN plow coulters, stalk cutters, walking listers—Kingman Plow Co., Peoria, Ill.
KING OF CUTTERS glass cutters—H. C. Hart Mfg. Co., Unionville, Conn.
KING OF POTATO FIELD diggers—H. W. Doughten, Moorestown, N. J.
KING OF THE WOODS hunting knives—Cattaraugus Cutlery Co., Little Valley, N. Y.
KING'S arc lamp posts—King Mfg. Co., St. Joseph, Mo.
KING'S calcined plaster, plaster boards, cold water paints—J. B. King & Co., 17 State, New York
KING'S cold water paints—King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
KING'S gas recording pressure gauges—American Meter Co., 3112 N. 17th, Phila., Pa.
KING'S sash bolt & support—Smith & Egge Mfg. Co., Bridgeport, Conn.
KING'S wood stains—Chicago White Lead & Oil Co., 1454 S. Western av, Chicago, Ill.
KING'S MOUNTAIN wall plaster—Southern Gypsum Co., North Holston, Va.
KING'S PATENT blue grass harvesters—R. C. King, Carlisle, Ky.
KING'S-2-RING pot chains—Wire Goods Co., Worcester, Mass.
KINGSNAP spring steel snaps—National Safety Snap Co., Wilmington, Ohio
KINGSTON carbureters, spark plugs, circulating pumps, oil & grease cups, steering wheels—Byrne, Kingston & Co., Kokomo, Ind.
KINGSTON gas igniters, spark coils, spark plugs, special tire air pumps—Kokomo Electric Co., Kokomo, Ind.
KINGSTON heavy washdown with jet water closet—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
KINGWOOD stone—Kingwood Quarries Co., Kingwood, W. Va.
KINKEAD alligning & leveling apparatus—Kinkead Mfg. Co., 45 High, Boston, Mass.
KINNEAR rolling doors & shutters & folding doors—Kinnear Mfg. Co., 716 Field av, Columbus, Ohio
KINNEY vacuum pumps—Kinney Mfg. Co., 3529 Washington, Boston, Mass.
KINSMAN electric desk lights—David Killoch Co., 57 Murray, New York
KINSMAN electric desk lights—McLeod, Ward & Co., 430 11th av, New York
KINYCKEST bath heaters—Taylor Burner & Electroplating Co., Ltd., 804 Duquesneway, Pittsburgh, Pa.
KINZIE gasoline blow torches—Turner Brass Works, Sycamore, Ill.
KIPP force & sight feed lubricators—Madison-Kipp Lubricator Co., Madison, Wis.
KIRBY bung hole borers—U. S. Bung Mfg. Co., 48 S. 2nd, Brooklyn, N. Y.
KIRBY metallic life boats & rafts, lubricators—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
KIRBY toys with bells on—Kirby Mfg. Co., Middletown, Conn.
KIRKER-BENDER fire escapes—Dow Wire & Iron Works, Louisville, Ky.
KIRKWOOD fuel oil burners—Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
KISMET baking enamels, varnish, wood fillers—Chase, Roberts Co., West av, Long Island City, N. Y.
KIT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
KITCHEN reversing rudders, brass & galvanized steel—McNab Co., Bridgeport, Conn.
KITSON boiler couplings—Jno. Hamilton Brass Works, Bridgeport, Conn.
KITSON ground key cocks & bibbs—Kitson Hydro-Carbon Htg. & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
K. KORKERS plumbers' tools—Fleck Bros. Co., 50 N. 5th, Phila., Pa.
KLAMATH rubber & pneumatic hose—Pioneer Rubber Mills, San Francisco, Cal.
KLAR'S kalsomine—Troy Cold Water Kalsomine Co., Troy, N. Y.
KLAXON bells, horns, signals, etc.—Klaxon Co., 194H Wright, Newark, N. J.
KLEAN-A-BRUSH cleaning compounds for cleaning old paint brushes—Anderson Spec. Co., 6 E Lake, Chicago, Ill.
KLEAN-ITT paint & varnish remover—W. W. Law-Co., New Hartford, Conn.
KLEAN-WEL soap, powders & cleaners—Klean-Wel Mfg. Co., Superior Viaduct, Cleveland, Ohio
KLEAN-WELL yarn hand dusters—Universal Brush Co., 181 Quincy, Chicago, Ill.
KLEARTONE shellac & wood stains—Standard Varnish Wks., 90 West, New York
KLEAR-SIGHT wind shield cleaners—Alcemo Mfg. Co., 12 Bridge, Newark, N. J.
KLEENATUB soap powder—Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
KLEERNOTE player piano pumps—United Music Stores, 619H Cherry, Phila., Pa.
KLEIN ground connection clamps—Ernest Klein & Bro., 44 Fulton, New York
KLEIN machinery—A. Magnus Sons Co., 327 W. Randolph, Chicago, Ill.
KLEIN pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
KLEIN pliers & nippers—M. W. Robinson Co., 296 B'way, New York
KLEIN tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
KLEIN'S tree trimmers, trolley wire clamps—Mathias Klein & Sons, 3200 Belmont av, Cricago, Ill.
KLEMM acetylene gas lamps—Klemm & Co., 132 N. 5th, Phila., Pa.
KLEMM jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
KLENSA paint & varnish remover—Standard Varnish works, 90 West, New York
KLENZER compounds—Fitzpatrick Bros., 1319 W. 32nd pl, Chicago, Ill.
KLERADESK files—Ross-Gould, Dept. H, 10th & Olive, St. Louis Mo.
KLIEGL electric stage lights—Universal Electric Stage Lighting Co., 240 W. 50th, New York.
KLINE hydraulic rams—Geo. S. Comstock & Son, Mechanicsburg, Ohio
KLING hame fasteners—National Safety Snap Co., Wilmington, Ohio

KLINGER gauge glasses, water gauges—Jerguson Gage & Valve Co., Mystic av & Fellsway, Somerville, Mass.
KLINGER water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
KLINGERIT packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
KLINGFAST belt cements—J. E. Rhoads & Sons, 12 N. 3rd, Phila., Pa.
KLINGFAST pipe vises—Walworth Mfg. Co., Boston, Mass.
KLING KOAT paints—Concrete Waterproof Paint Co., 329 N. 3rd, Phila., Pa.
KLINGRET type rubber solution machines—Baker's Sons, J. & Perkins Co., Inc., White Plains, N. Y.
KLINGSTONE stucco mfrs.—Cleveland Bldrs' Supply & Brick Co., H Leader News bldg., Cleveland, O.
KLINGTITE flexible fabric tubing, hose couplings—James Mfg. Co., Cleveland, Ohio
KLINGTITE steam packing—Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
KLIPPER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
KLONDIKE incubators & brooders—Klondike Incubator Co., Des Moines, Ia.
KLONDIKE tank heaters—Butler Co., Butler, Ind.
KLYMAX fountain pen clips—Consolidated Safety Pin Co., Bloomfield, N. J.
KLYMAX steam & hot water heater—Kellogg, Mackay Co., 419 W 18th, Chicago, Ill.
KNAPP broom holders, carpet stretchers—Bradley & Farnham, Middlefield, Conn.
KNAPP trace carriers—North & Judd Mfg. Co., New Britain, Conn.
KNAPP SYSTEM sanitary metal building trim & base grounds—Knapp Bros. Mfg. Co., 2419H W 14th, Chicago, Ill.
KNEAD-FULL bread mixers—Gem Stamped Steel Co., Chelsea, Mass.
KNICKERBOCKER hot water radiators—Mackay Mfg. Co., 234 Water, New York
KNICKERBOCKER portland cement—Knickerbocker Portland Cement, 30H East 42nd, New York.
KNICKERBOCKER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
KNICKERBOCKER MADE RIGHT sample cases, bags & portfolios—Knickerbocker Case Co., 230 N. Clinton, Chicago, Ill.
KNIFE-HANDLE wrenches—Coes Wrench Co., Worcester, Mass.
KNIGHT saw mill dogs—Sinker-Davis Co., Indianapolis, Ind.
KNIGHT soda water fountains—Knight Light & Soda Fountain Co., 351 W Chicago av, Chicago, Ill.
KNIGHT'S saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
KNIPE'S ball bearings—Pressed Steel Mfg. Co., Land Title bldg, Phila., Pa.
KNO-BURN expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
KNOB-E-KNOB sliding furniture shoes—Hatheway Mfg. Co., Dept. H, Bridgeport, Conn.
KNOCKABOUT electric lamp flashlights—E. Marcuson, 70 Cortland, New York
KNOCKER fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
KNOCK-OUT rat traps—N. R. Streeter & Co., Rochester, N. Y.
KNODERER gas furnaces—Learn & Brindle, Columbus, Ohio
KNO-EQUAL plasters' steel corner beads—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
KNOLL washing machines—Janas L. Knoll Mfg. Co., Lebanon, Pa.
KNO-PAK air valves & swivel joints—Burlington Brass Works, Burlington, Wis.
KNOT PASSING clothes line pulleys—Peck, Stow & Wilcox Co., Southington, Conn.
KNOTTS gear driven static electric machines—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
KNOWLES key-seating machines—Pawtucket Mfg. Co., Pawtucket, R. I.
KNOWLTON hammock—Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
KNOWLTON packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
KNOWLTON packing—Lubron Co., Everett, Mass.
KNOX fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
KNOX gasoline engines, propeller wheels, carbureters—Camden Anchor-Rockland Mach. Co., Camden, Me.
KNOX hose carriages & carts—Wirt & Knox Mfg. Co., 23rd & York, Phila., Pa.
KNOX open hearth furnace doors—Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
KNOX open hearth furnace doors & frames & electric welding—Blaw-Knox Co., Freeport rd, Hoboken, Pa.
KNOX potato diggers—Gowanda Agricultural Works, Gowanda, N. Y.
KNOX sole blocking machines—Quarmby & Hilliker, Lynn, Mass.
KNOX tractors, automobile and gasoline marine engines—Knox Motors Co., Dept. H, Springfield, Mass.
KNOXALL automobile & vegetables oil soap—Hoosier Mfg. Co., 523 N. McCarthy, Indianapolis, Ind.
KNOXALL barn door hangers, wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
KNOXALL clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
KNUTSON trolley catchers—Trolley Supply Co., Canton, Ohio
KOASTER KID children's vehicles—Louis Amberg & Son, 101 E. 16th, New York
KOBAN rowboat motors—Koban Mfg. Co., 241 S. Water, Milwaukee, Wis.
KODAK cameras—Eastman Kodak Co., Rochester, N. Y.
KOEHLER miners' safety lamps—Koehler Mfg. Co., Marlboro, Mass.
KOEHRING concrete mixers, concrete bucket hoists—Koehring Machine Co., Milwaukee, Wis.
KOERTING boiler injectors, boiler testing machines, fuel oil burners, spray nozzles, mine ventilators hydrokineters—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
KOETH'S interchangeable tools—Currier-Koeth Mfg. Co., Coudersport, Pa.
KOH-I-NOOR snap fasteners—Waldes & Co., Inc., 315 5th av, New York
KOHIRAUSCH bridges—Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
KOHLASS sorting devices—Kohlhaas Co., 183 N Dearborn, Chicago, Ill.
KOHLER hot air furnaces—Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
KOHLER post hole diggers, currycombs—F. E. Kohler Co., Canton, Ohio
KOKOMO woven wire fences—Kokomo Steel & Wire Co., Kokomo, Ind.
KOKOMO HI SPEED vertical drilling machines—Superior Machine Tool Co., Kokomo, Ind.
KOKOMO PIONEER ornamental wire fences & gates—Kokomo Steel & Wire Co., Kokomo, Ind.
KO-KO-NO DUST sweeping compounds—Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
KOKOSING feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
KOLD-PROSSO rubber rings & jar clasps—Smalley, Kivlan & Onthank, 21 H Blackstone, Boston, Mass.
KOLEWOOD air-tight heaters—A. Geisel Mfg. Co., 319 S. 2d, St. Louis, Mo.
KOLLING corn huskers—Kolling Husker Works, Arlington Heights, Ill.
KOLL'S porch columns—Hartmann Sanders Co., 2155 Elston av, Chicago, Ill.
KOLORFAST fibre matting—Harvey Fibre Carpet Co., Trenton & Allegheny av, Phila., Pa.
KOMI porch curtain shades—R. H. Comey Co., Camden, N. J.
KOMO steam traps—Linton Machine Co., 26 Cortlandt, New York
KOMPAK tool kits—Napanach Knife Co., Napanach, N. Y.
KOMPOLITE sanitary flooring—General Kompolite Co., 327 Borden av, Long Island City, N. Y.
KOMPOLITH sanitary flooring—Malott & Peterson, Inc., Monadnock Bldg., San Francisco, Cal.
KOMTSPLIT valve handles—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
KONICAL ventilators—Eller Mfg. Co., Canton, Ohio
KONGO water hose—O. C. Keckley Co., 318H, Washington av, Chicago, Ill.
KONKERALL boiler compound—Scientific Boiler Chemical Wks, 127 N. Dearborn, Chicago, Ill.
KONTAK waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York
KOPKA awnings—Wyandotte Awning & Tent Co., Kansas City, Kans.
KOPPAX paints, benzol, naphtha, etc.—Koppers Producto Co., 800H, Union Arcade, Pittsburgh, Pa.
KOPPEL industrial cars—Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
KOPPER-KOTE copper paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
KOPPERS by-product ovens—The Koppers Co., Union Arcade, Pittsburgh, Pa.
KORFF sink frames—Korff Mfg. Co., Lansing, Mich.
KORKA water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
KOR-KER tire cements & tire treatment preparations—Alcemo Mfg. Co., 12 Bridge, Newark, N. J.
KORKSTONE sanitary flooring—Williams-Wendt Co., 118 N. La Salle, Chicago, Ill.
KORN KING grist mills—Fate-Root-Heath Co., Plymouth, Ohio
KORN KING shoveling & end gate boards—Knapheide, Henry, Wagon Co., Quincy, Ill.
KORN'S crayons—Wm. Korn, 120 Center, New York
KORONA cameras—Gundlach Manhattan Optical Co., Rochester, N. Y.
KORRECT leather measuring machines—Turner Tanning Machinery Co., Peabody, Mass.
KOSMOS cement—Kosmos Portland Cement Co., Kosmosdale, Ky.
KOST gas jet heaters—Kohler Die & Specialty Co., De Kalb, Ill.
KRAC-A-JAC glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
KRACKERJACK Christmas tree holders—E. L. Reed Mfg. Co., Sterling, Ill.
KRAEMER lighters—Kraemer Mfg. Co., 148 Chambers, New York
KRAMER adjustable electric desk lamps—Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
KRAMER concrete tampers—Kramer Automatic Tamper Co., Peoria, Ill.
KRAMER farm wagons—Kramer Wagon Co., Oil City, Pa.
KRAOPLATE composition blackboards—Atlas School Supply Co., 531 S. Peoria, Chicago, Ill.
KRAUS beet cultivators and bean harvester attachments—Akron Cultivator Co., Akron, Ohio
KREMLO storage batteries—McCauley Storage Battery Co., 1060 St. Clair, Cleveland, Ohio
KREODONE wood paving blocks—Republic Creosoting Co., Merchants Bank bldg, Indianapolis, Ind.
KREOLEKRAFT paper—Southern Paper Co., Moss Point, Miss.

KREOLITE wood block flooring—Jennison-Wright Co., Toledo, Ohio
KRE-O-SEP-TIC wood preservatives—St. Paul White Lead & Oil Co., St. Paul, Minn.
KRETCHMER honey extractors—Kretchmer Mfg. Co., Council Bluffs, Ia.
KRIEBEL vacuum heating system—Vapor-Vacuum Heating Co., Otis bldg, Philadelphia, Pa.
KRIS-KROS box fasteners—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
KRISOLITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
KRISP-KRUST pie plates—Wickwire Spencer Steel Corp., Worcester, Mass.
KRITZER lime hydrating machinery—Kritzer Co., 503 S. Jefferson, Chicago, Ill.
KROESCHELL feed water heaters—Kroeschell Bros., Co., 440 W. Erie, Chicago, Ill.
KROESCHELL SCHWARTZ crucible furnaces—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
KROH storm robes—C. Z. Kroh Mfg. Co., Toledo, Ohio
KROM belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
KROMA paints, toy & school water color—American Crayon Co., 1300 Hayes av, Sandusky, Ohio, & Waltham, Mass.
KROME belting, leather packing, hydraulic & mechanical leather—Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
KROMHYDE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
KROMOID shoemaker's wax—Martin Dennis Co., 859 Summer av, Newark, N. J.
KROMORE resistance wire—Driver-Harris Co., Harrison, N. J.
KRONAUER'S automobile trunks—Chas. Kronauer & Co., 844 Fulton, Chicago, Ill.
KROTZ oil filters—Akron Belting Co., Akron, Ohio
KRUEGER gasoline engines—San Antonio Machine & Supply Co., San Antonio, Texas
KRUPP grinding & crushing & ball & pebble mills—Thos. Prosser & Son, 15 Gold, New York
KRYPSTOK lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
KRYSTAL soiloff hand soap—R. M. Hollingshead Co., Camden, N. J.
KUHN'S stove door pins—Corbin Screw Corporation, New Britain, Conn.
KUMFY gas jet heaters—Ohio State Stove Co., Columbus, Ohio
KUM-OFF paint & varnish remover—Twin City Varnish Co., St. Paul, Minn.
KUNKLE pop safety valves—Kunkle Valve Co., 821 Barr, Fort Wayne, Ind.
KUNKLE pop safety valves—Wm. Powell Co., Cincinnati, Ohio
KUP-KAN oil cans & engine machine oilers—Boggs Auto Supply Co., Ft. Dodge, Ia.
KURTSON tumbler holders—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
KURTZ piston rings—Canton Auto Parts Mfg. Co., Canton, Ohio
K-U-T-A fire hydrants—Cayuta Mfg. Co., Sayre, Pa.
KUT-EM SLICK pruning shears—Barr Bros. Co., Oakland, Cal.
KUT KOTE paint & varnish remover—Jas. B. Day & Co., 224H, W. Superior, Chicago, Ill.
KUTTYHUNK laundry blue—Diamond, McConnell & Co., 409H, N. 4th st, Phila., Pa.
KUTZTOWN towel bars—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
KWALITY KASTER casters—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio
KWASIND cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
KWICKSHARP knife & scissors grinders, sugar dispensers—Spengler-Loomis Mfg. Co., 58 E. Washington, Chicago, Ill.
KWICKWORK carbon removers, enamels & insulating varnish—Standard Varnish Works, 90 West, New York
KWIK KUT power back saw machines—E. C. Atkins & Co., Indianapolis, Ind.
KWIK-LITE electric lamp flashlights—Usona Mfg. Co., 1 Hudson, New York
KWYK metal polish—West Disinfecting Co., 411 5th av, New York
KYANIZE enamels, floor finish, linoleum varnishes—Boston Varnish Co., Everett Station, Boston, Mass.
KYLE arc lamp insulators—Line Material Co., S. Milwaukee, Wis.
KYMOI packing—Crandall Packing Co., Palmyra, N. Y.
L. B. ball cocks—L. B. Brass Co., Peabody, Mass.
L. B. flat copper connectors—Lemke Electric Co., 509 Cedar, Milwaukee, Wis.
L. B. L. hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
L. B. TAYLOR'S speed indicators—Thos. Packer, Union City, Conn.
L. C. & CO. steel conductor pipe—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.
L. C. SMITH hammerless & hammer breach loading guns—Hunter Arms Co., Fulton, New York
L. C. T. tool steel hot wk.—Halcomb Steel Co., Syracuse, N. Y.
L. D. P. kitchen knives—L. D. Parkhurst, Danielson, Conn.
L. E. GANT rubber bottles—Tyer Rubber Co., Andover, Mass.
L. F. C. lemon squeezers—Landers, Frary & Clark, New Britain, Conn.
L. F. & C. metal polish—Landers, Frary & Clark, New Britain, Conn.
L. N. brake beams—Joliet Railway Supply Co., Joliet, Ill.
L. S. I. CO. tuyere irons—Wrightsville Hardware Co., Wrightsville, Pa.
L. T. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
L. T. CO. mining tools—Leetonia Tool Co. (The), Leetonia, O.
L. W. stoves & ranges—Lattimer Stove Co., Columbus, Ohio
L-W twist drills—Lincoln Twist Drills Co., Taunton, Mass.
L-W twist drills—Lincoln-Williams Twist Drills Co., Taunton, Mass.
L-X belt awls, chisels, clamps, dressing, fasteners, pliers, lacing, couplings, groovers, hammers, knives, punches, belt makers' planes & lacing studs—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
L. X. V. spark plugs—Automobile Equipment Co., Detroit, Mich.
L-XX high speed steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
L. & A. foundry vibrators—Pressed Steel Co., Muskegon, Mich.
L. & G. butchers' knives—Landers, Frary & Clark, New Britain, Conn.
L. & G. pipe straps, sinks & trays—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
L. & L. lighting fixtures, ceiling switches, locknut bushings, lock lamp guards—Chas. W. Leveridge, 133 Liberty, New York
L. & R. Orange Extra black sporting powder—Hercules Powder Co., Wilmington, Del.
L. & S. I. Co., lemon squeezers, tack hammers—Wrightsville Hardware Co., Wrightsville, Pa.
LA BELLE saw arbors—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
LA BELLE IVORY PY-RA-LIN toilet articles—Arlington Wks. (E. I. du Pont de Nemours & So.), Wilmington, Del.
LABRIDE equipment, shipbldg., gantries & whirleys, coal & yard storage gantries, jib cranes, monorail hoists, electric drilling, reaming & countersinking machines—Lakeside Bridge & Steel Co., 402 Villard av, N. Milwaukee, Wis.
LABRUM baths—Crane Co., 836 S Michigan av, Chicago, Ill.
LAC-A-GERM varnish—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
LACANITE electrical fittings, telephone receivers, mouth pieces, terminal blocks, push buttons, crank handles—Scranton Button Co., Scranton, Pa.
LACE WEB cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
LACKAWANNA blast furnaces & interlocking steel piling—Lackawanna Steel Co., Buffalo, N. Y.
LACKAWANNA gas & oil engines—Lackawanna Mfg. Co., Ballston Spa., N. Y.
LACKAWANNA lubricators—Crescent Mfg. Co., Scottdale, Pa.
LACKO parting compounds—Wedron Silica Co., Ottawa, Ill.
LACLEDE-CHRISTY gas retort benches—Laclede Christy Clay Products Co., Railway Ex. bldg, St Louis, Mo.
LACQUERET floor finish—Standard Varnish Works 90 West, New York
LA CROSSE farm tractors & kerosene traction engines—La Crosse Tractor Co., La Crosse, Wis.
LA CROSSE farm wagons—Smith Mfg. Co., La Crosse, Wis.
LA CROSSE harrows, plow coulters, riding listers—La Crosse Plow Co., La Crosse, Wis.
LA CROSSE potato sprayer—McKenzie Mfg. Co., La Crosse, Wis.
LADEL sawdust separators, rolling mill & store trucks—Ladel Mfg. Co., New Philadelphia, Pa.
LA DISC steel wheels—Lack Singletree Co., Paducah, Ky.
LADY ENSLEY pig iron—Sloss, Sheffield Steel & Iron Co., Birmingham, Ala.
LADY'S FRIEND ironing board stands—Household Mfg. Co., Royersford, Pa.
LAFAYETTE cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
LAFAYETTE reclaimed rubber—Manufactured Rubber Co., Franklin Bank bldg, Phila., Pa.
LAFFITTE brazing compounds, welding plates—Phillips-Laffitte Co., Penna. bldg, Phila., Pa.
LA FOLLETTE FOUNDRY blast furnaces—La Follette Coal & Iron Co., La Follette, Tenn.
LA FRANCE dusters—Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
LA FRANCE dusters—S. Levy, 618 New Market, Phila., Pa.
LA FRANCE fire extinguishers—Am. La France Fire Engine Co., Elmira, N. Y.
LA GRANGE rubber bottles—Tyer Rubber Co., Andover, Mass.
LAKE key-seating machines—Mercury Machine Co., 2127 N. Broad, Phila., Pa.
LAKE CITY axes—Romer Axe Co., Dunkirk, N. Y.
LAKE CITY farm wagons—Neal, Johns & Co., Lake City, Minn.
LAKESIDE forgings & wrenches—Lakeside Forge Co., Erie, Pa.
LAKESIDE shoveling & end gate boards—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
LAKEWOOD construction equipment, industrial equipment & concrete mixers—Lakewood Engineering Co., Berea rd. W of 117th, Cleveland, O.
LAKEWOOD lawn mowers — Coldwell Lawn Mower Co., Newburgh, N. Y.
LAKEWOOD scale boxes—Ohio Ceramic Engineering Co., Berea rd, Cleveland, Ohio
LALLY fire proof columns—U. S. Column Co., Cambridge, Mass.

LAMB wire stretchers—Peerless Wire Fence Co., Adrian, Mich.
LAMBERT gas engines, gasoline traction engines—Buckeye Mfg. Co., Anderson, Ind.
LAMBERT water meters—Thomson Meter Co., 110 Bridge, Brooklyn, N. Y.
LAMINAR fibre boxes, mill baskets, mill trucks, roving cans—American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
LAMINATED brass shims—Laminated Shim Co., 539 Canal, New York
LAMONT rotary screens—Black-Clawson Co., Hamilton, Ohio
LA MONTE safety bond paper—Geo. La Monte & Son, 61 Broadway, New York
LAMSON coin cashiers—Lamson Co., 100 Boylston, Boston, Mass.
LAMSON RAPID case hardened engineers' wrenches—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
LANCASTER automobile lamp lenses—Lancaster Lens Co., Lancaster, Ohio
LANCASTER brake shoes—Lancaster Iron Works, Lancaster, Pa.
LANCASTER cook stoves—B. R. Bibb Stove Co., 109 Light, Baltimore, Md.
LANCASTER enamels—Lincoln Paint & Color Co., Lincoln, Nebr.
LANCASTER hay rakes—Hocking Valley Mfg. Co., Lancaster, Ohio
LANCASTER tire axle shrinkers & lathes—Champion Blower & Forge Co., Lancaster, Pa.
LANCING ash sifters—Gier Pressed Steel Co., Lancing, Mich.
LANDERS counter scales—Landers, Frary & Clark, New Britain, Conn.
LANDIS bolt pointing & threading machines—Landis Machine Co., Waynesboro, Pa.
LANDIS fishing tackle boxes—Wilson F. Coretz Co., 159 W. Lake, Chicago, Ill.
LANDIS roll grinders—Landis Tool Co., Waynesboro, Pa.
LANDIS shock absorbers—Landis Engng. & Mfg. Co., Waynesboro, Pa.
LANDRAL cutting oils—Farr Mfg. Co., No. Tonawanda, N. Y.
LANE'S automobile jacks—Lane Bros. Co., Poughkeepsie, N. Y.
LANE'S PAT rolling ladders—Lane Bros. Co., Poughkeepsie, N. Y.
LANES STANDARD door hangers—Lane Bros. Co., Poughkeepsie, N. Y.
LANG farm wagons—Lang & Bro. Mfg. & Merc. Co., Farmington, Mo.
LANG tool holders—Crescent Forgings Co., Oakmont, Pa.
LANGDON mitre boxes—Millers Falls Co., Millers Falls, Mass.
LANGDON IDEAL self feeders—Hart Grain Weigher Co., Peoria, Ill.
LANGDON JUNIOR self feeders—Hart Grain Weigher Co., Peoria, Ill.
LANGLEBEN carbon brushes—Hart & Co., Fostoria, Ohio
LANIUS railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
LANKFORD horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
LANSDALE steam & hot water heaters—Heebner & Sons, Lansdale, Pa.
LANSING concrete mixers, rock crushers, wire & picket fence machines—Lansing Co., Lansing, Mich.
LANSING corn poppers—Gier Pressed Steel Co., Lansing, Mich.
LAPIDOLITH concrete hardeners—L. Sonneborn Sons, 262 Pearl, New York
LAPP insulators—Lapp Insulator Co., Leroy, N. Y.
LARAMIE standard cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
LARD oil kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
LARDOLEUM lubricating grease—O. F. Zurn Co., Broad & Lehigh av, Phila., Pa.
LARK sulky hay rakes—Acme Harvester Machine Co., Peoria, Ill.
LARKIN fire extinguishers—Larkin Mfg. Co., Dayton, Ohio
LARKINS packing—Larkins Metallic Packing Co., 400 Duq. Way, Pittsburgh, Pa.
LARMUTH high speed wire stranding machines—New England Machinery Co., New Haven, Conn.
LARSON suction ventilators—Larson Bros., Johnsonburg, Pa.
LARSONS babbitt metal—Damascus Bronze Co., N. S., Pittsburgh, Pa.
LARSONS blacksmiths' nippers—Washington Tool Co., Owatonna, Minn.
LA SALLE belting, rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
LA SALLE plasters, steel corner beads—Church Appliance Mfg. Co., La Salle, Ill.
LASCO spark plugs—Louisville Auto Supply Co., Louisville, Ky.
LASCO wind shields—London Auto Supply Co., 2540 S. Wabash av, Chicago, Ill.
LASHAR plated silverware—International Silver Co., Meriden, Conn.
LAS-STIK tubes, patches—Las-Stik Patch Mfg. Co., Hamilton, Ohio
LAST WORD test indicators—Henry A. Lowe, 1874 E. 66th, Cleveland, Ohio
LATHEROIL liquid soap—Fischer Soap & Oil Co., 2715 Colerain av, Cincinnati, Ohio
LATHROP'S belt awls—Greene, Tweed & Co., 109 Duane, New York
LATONA baths—Crane Co., 836 S Michigan av, Chicago, Ill.
LATROBE car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
LATROBE twist drills & reamers—Latrobe Tool Co., Dept. H, Latrobe, Pa.
LA TUQUE turpentine—Brown Corp., Portland, Me.
LAUN-DRY-ETTE washer & dryer—Home Specialty Mfg. Co., 1015 Power av, Cleveland, Ohio
LAUN-DRY-ETTE clothes washing machines—Laundryette Mfg. Co., H, E 152nd, Cleveland, Ohio
LAURAINE auto, engine starters, generators, spark plugs & ignition magnetos—Lauraine Magneto Co., Inc., 181 13th, Long Island City, N. Y.
LAUREL stoves—Art Stove Co., Russell & Milwaukee, Detroit, Mich.
LAURSEN hydraulic gear shifts—United States Auto Gear Shift Co., Eau Claire, Wis.
LAUSON engines—John Lauson Mfg. Co., New Holstein, Wis.
LAUSON hard oil finish—Valentine & Co., 456 4th av, New York
LAVA kitchen enameled ware—Cleveland Stamping & Tool Co., E. 53rd & Hamilton, Cleveland, Ohio
LAVARCK marine gears—Marine Mfg. & Supply Co., 158 South, New York
LAVIGNE expansive bits—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
LAVITE lava—D. M. Steward Mfg. Co., Chattanooga, Tenn.
LAVOIE air chucks—Frontier Chuck & Tool Co., 30 Letchworth, Buffalo, N. Y.
LAW hay carriers—Hackney Mfg. Co., St. Paul, Minn.
LAWCO window ventilators—F. H. Lawson Co., Cincinnati, Ohio
LAWLER'S boiler couplings, boiler feeders, expansion tanks, steam traps—Lawler Regulator Co., 55 W. Houston, New York
LAW-RE-LAC colored varnish—W. W. Lawrence & Co., W Carson, Pittsburgh, Pa.
LAWRENCE baffle plates—Meek Oven Mfg. Co., Newburyport, Mass.
LAWRENCE bobbin holders, spooler guides—Draper Corp., Hopedale, Mass.
LAWRENCE door hangers—Lawrence Bros., Sterling, Ill.
LAWRENCE paints, enamels, white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
LAWRENCE pumps—Lawrence Machine Co., 42 Island, Lawrence, Mass.
LAWRENCE sad iron heaters—Jewett & Co., Buffalo, N. Y.
LAWRENCE slop sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
LAWSON architectural enamels, railway varnishes—Valentine & Co., 456 Fourth av, New York
LAWSON copper coil water heaters—Lawson Mfg. Co., Lexington & Thomas, Pittsburgh, Pa.
LAWSON garden barrows, freight wagons, store trucks, wood split pulleys—Menasha Wood Split Pulley Co., Menasha, Wis.
LAWSON hinges—Lawson Mfg. Co., 230 W Superior, Chicago, Ill.
LAWSON tractors—John Lawson Mfg. Co., New Holstein, Wis.
LAWSON wire rope tramways—Interstate Equipment Corp., 7 Pine, New York
LAWSON'S wire rope tramways—Consolidated Tramway Co., Roanoke, Va.
LAWTER tractors—Lawter Tractor Co., St. Marys, Ohio
LAY pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
LAYBOY paper stackers—Erie Lay Boy Co., Erie, Pa.
LAYNE centrifugal pumps—Layne & Bowler Corp., Los Angeles, Cal.
LA ZIER gas engines—Lazier Gas Engine Co., 190 Main, Buffalo, N. Y.
LEA water flow recorders—Yarnall Warning Co., Chestnut Hill, Phila., Pa.
LEACH locomotive sanders—United States Metallic Packing Co., 221 N. 13th, Phila., Pa.
LEACH PATTERN saw sets—Bullock Mfg. Associates, Springfield, Mass.
LEA-DEGEN high duty pumps—Nash Engineering Co., South Norwalk, Conn.
LEA-DUCK waterproof belting—W. H. Salisbury & Co., 308 N. Madison, Chicago, Ill.
LEAD ALL reversible pocket screw drivers & coping saws—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
LEADER automobile jacks—National-Standard Co., Box 211, Niles, Mich.
LEADER beet cultivators—Hayes Pump & Planter Co., Galva, Ill.
LEADER (The) binding posts & pin terminals—H. H. Ebby Mfg. Co., 1302 Wallace, Phila., Pa.
LEADER boiler feeders, injectors—Randle Machinery Co., C. H. & D. Ry. & Powers, Cumville, Cincinnati, Ohio
LEADER cement brick machines—Starch Bros. Co., La Crosse, Wis.
LEADER cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
LEADER cone shaped fly traps—Reynolds Wire Co., Dixon, Ill.
LEADER curtain fasteners—F. A. Neider & Co., Dept. H, Augusta, Ky.
LEADER drag road scrapers — Slusser-McLean Scraper Co., Sidney, Ohio
LEADER dry batteries—Emil J. Tardie, 156 5th av, New York
LEADER enameled ware—Crunden, Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
LEADER ensilage & fodder cutters—Jos. Dick Mfg. Co., Canton, Ohio
LEADER envelope machines—Lester & Wasley Co., Norwich, Conn.
LEADER feed carriers, hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.

LEADER garment hangers, lemon squeezers—Rocky Hill Hardware Co., Rocky Hill, Conn.
LEADER gas engines—Field Force Pump Co., Elmira, N. Y.
LEADER gasoline pumps—Eastern Oil Tank Co., Lowell, Mass.
LEADER glass cutters—Fletcher, Terry Co., Forestville, Conn.
LEADER grass catchers—Hasseries, Carl, E. 55th E. B'way, Cleveland, Ohio
LEADER grass catchers—Specialty Mfg. Co., 2362 University av, St. Paul, Minn.
LEADER horse nails—Standard Horse Nail Co., New Brighton, Pa.
LEADER hose & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LEADER hot water heaters—Putnam Foundry & Machine Co., Putnam, Conn.
LEADER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
LEADER pneumatic water supply systems—Leader Iron Works, Decatur, Ill.
LEADER pumps, tanks & power equipment—Leader Iron Wks., Decatur, Ill.
LEADER range boilers—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
LEADER rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
LEADER screw drivers—Stanley Rule & Level Co., New Britain, Conn.
LEADER soldering sets—W. L. Barrett, Bristol, Conn.
LEADER spark plugs—Long Bros., Kokomo, Ind.
LEADER spark plugs—Vital Mfg. Co., 7500 Quincy av, Cleveland, Ohio
LEADER step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
LEADER stoves—A. T. Nye & Son Co., Columbus, O.
LEADER sulky plows—J. I. Case Plow Works, Racine, Wis.
LEADER walking cultivators—Hayes Pump & Planter Co., Galva, Ill.
LEADER waste baling presses—Petroleum Iron Works Co., Sharon, Pa.
LEADER water filter—Everson Filter Co., 70 W. Lake, Chicago, Ill.
LEADER whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
LEADITE pipe joint compounds—Leadite Co., Land Title bldg, Phila., Pa.
LEAGUE'S pneumatic tires—League Tire Co., South Bend, Ind.
LEAKANOT boot waterproofing—National Rubber Co., 4414 Papin, St. Louis, Mo.
LEAKNOT tire pump connections—E. Edelmann & Co., 341 E Ohio, Chicago, Ill.
LEAK-PROOF packing & piston rings—McQuay-Norris Co., Cooper & Southwest avs, St. Louis, Mo.
LEANTIN babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
LEATHER LAC carriage top dressing—Eberson Paint Co., 1822 Morgan, St. Louis, Mo.
LEATHERENE upholsterers' tacks—Mattatuck Mfg. Co., Waterbury, Conn.
LEATHERLAC carriage top dressing—R. F. Johnston Paint Co., Pearl & Main, Cincinnati, Ohio
LEATHEROID baskets, boxes, tool cases, roving cans, sample cases, trunks, hard, insulated & vulcanized fibre, trucks, warehouse cars—Rogers' Fibre Co., 121 Beach, Boston, Mass.
LEATHEROID rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W. Cleveland, Ohio
LEATHERSTEEL floor coverings & leather rolling mats—Leathersteel Products Co., 73H Long Wharf, Boston 9, Mass.
LEATHERTEX cone clutch facing—Hide Leather & Belt Mfg. Co., 227 S Meridian, Indianapolis, Ind.
LEATH-R-NU carriage top dressing—Nu-Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.
LEAVITT cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
LE BLOND belt shifters—R. K. Le Blond Machine Tool Co., Cincinnati, Ohio
LE CARBONE carbon brushes—W. J. Jeandron, 172 Fulton, New York
LE CHATELIER pyrometers—S. H. Stupakoff, Pittsburgh, Pa.
LE CHATELIER pyrometers—Wilson-Maeulen Co., 383 Concord av, New York
LE COUNT screw clamps—Wm. G. Le Count, So. Norwalk, Conn.
LECHLER spark plugs—Rhineland Machine Works, 1737 Broadway, New York
LECLANCHE battery bars zincs—Matthiessen & Hegeler Zinc Co., La Salle, Ill.
LECO disconnecting switches, ground connection clamps, switch protectors—Lord Mfg. Co., 105 W. 40th, New York
LECTROFLATER tire air pumps—Black & Decker Mfg. Co., 111 S. Calvert, Baltimore, Md.
LEDIC lightning arresters—Lafayette Electric & Mfg. Co., Lafayette, Ind.
LEDIG KEYSTONE children's vehicles—A. Mecky Co., 1707 W. Allegheny av, Phila., Pa.
LE-DO-LAC hard oil finish—Blayz Paint & Varnish Co., Spencer, Toledo, Ohio
LEE bread crumbling machines—Goodell Co., Antrim, N. H.
LEE motor truck trailers & bodies—Lee Trailer & Body Co., 2343H S La Salle, Chicago, Ill.
LEE printing presses—Challenge Machinery Co., Grand Haven, Mich.
LEE rubber tires—Lee Tire & Rubber Co., Conshohocken, Pa.
LEE steam turbines—D. E. Whiton Mfg. Co., New London, Conn.
LEE whisk brooms—Lee Broom & Duster Co., Lincoln, Nebr.
LEEKTITE special piston rings—End-Oxy Appliance Co., 29 N. Willow, Trenton, N. J.
LEE'S improved revolving ventilators—Thomas Lee, 129 W. 2nd, Cincinnati, Ohio
LEE'S tobacco counter cutters—Landers, Frary & Clark, New Britain, Conn.
LEES BRADNER thread milling machines—Lees-Bradner Co., Cleveland, Ohio
LEESONA countershafts, bobbin winders, cotton machy., quillers, cone, cop, hosiery, magnet, quill, & yarn winders & textile machy.—Universal Winding Co., 95 South, Boston, Mass.
LEFAVOUR'S FAVORITE garden weeders—North Wayne Tool Co., Hallowell, Me.
LEFFEL engines & boilers—James Leffel & Co., East Springfield, Ohio
LEFT-HAND barbers' hair clippers—Coates Clipper Mfg. Co., Worcester, Mass.
LEGAL oil cans—Delphos Mfg. Co., Delphos, Ohio
LEGETT trap shooting traps—Chamberlain Cartridge & Target Co., 514 Prospect av, Cleveland, Ohio
LEGG pump governors—Middlesex Machine Co., Lowell, Mass.
LEHIGH bench vises—Bonney Forge & Tool Works, Allentown, Pa.
LEHIGH cabinet steel ranges—Lehigh Stove & Mfg. Co., Lehighton, Pa.
LEHIGH cement—Lehigh Portland Cement Co., Allentown, Pa.
LEHIGH fans, ventilators, blowers, air washers, exhausters, dust arresters, & dust collectors—Hersh Bros. Co., 645 Mill, Allentown, Pa.
LEHIGH iron bar—Slatington Iron & Steel Co., Slatington, Pa.
LEHIGH oxide of zinc—New Jersey Zinc Co., 160 Front, New York
LEHIGH rock crushers—Fullerton-Lehigh Co., Fullerton, Pa.
LEHR beet pullers—Lehr Agricultural Co., Fremont, Ohio
LEICH automaphone—Leich Electric Co., Genoa, Ill.
LEIDGEN leather unhairing machines—Edw. H. Munkwitz Co., 159 Muskego av, Milwaukee, Wis.
LEILA walking cultivators—Hayes Pump & Planter Co., Galva, Ill.
LELAND tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
LE LAVAL sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York
LEMAN oil refining condensers—Petroleum Iron Works Co., Sharon, Pa.
LEMANQUAIS electric service boxes—H. T. Paiste Co., 3201 Arch, Phila., Pa.
LEMLEY friction clutches, friction clutch couplings—W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
LEMOINE automobile springs—Hudson Export & Import Co., 1737 Broadway, New York
LENDER steam heaters—Thatcher Furnace Co., 135 W. 35th, New York
LENHART farm wagons—Lenhart Wagon Co., Minneapolis, Minn.
LENITH kerosene lamp burners—Edw Miller & Co., Meriden, Conn.
LENIX belt drive—F. L. Smidth & Co., 50 Church, New York
LENNOX corn & cob mills, gasoline engines, pitless scales—Lennox Machine Co., 2558 W. 16th, Chicago, Ill.
LENNOX hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
LENNOX rotary shears—Jos. T. Ryerson & Son, 2558 W 16th, Chicago, Ill.
LENOX blotting paper—Eaton-Dikeman Co., Lee, Mass.
LENOX hack saw blades—American Saw & Mfg. Co., Springfield, Mass.
LENOX lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
LENOX rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LENOX steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
LENOX BATH rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LENTZ steam engines—Erie City Iron Works, Erie, Pa.
LEONARD coin mailing cards—Detroit Coin Wrapper Co., 37 W Milwaukee, Detroit, Mich.
LEONARD dinner pails—T. F. Leonard Co., Scranton, Pa.
LEONARD metallic window frame—Leonard Sheet Metal Works, Hoboken, N. J.
LEONHARDT power hammers—Chas. Leonhardt, New Ulm, Minn.
LEONHART gauge glass preservers—Dunn's Service Co., 608 S. Dearborn, Chicago, Ill.
LE PAGE'S glue & belt cements—Russia Cement Co., Gloucester, Mass.
LEPTYNE turpentine substitute—Patton Paint Co., Milwaukee, Wis.
LEROY carpet nails—Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
LEROY door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
LESLIE pressure regulators—Leslie Co., Lyndhurst, N. J.
LESMOK partly smokeless powder—Du Pont de Nemours & Co., E. I., Wilmington, Del.
LESTER saw sets—Bullock Mfg. Associates, Springfield, Mass.
LESTER scroll saws—Millers Falls Co., 28 Warren, New York
LETTGO mechanical overland release—Link-Belt Co., 329 W. 39th av, Chicago, Ill.
LETTENEY wood preservatives—Northeastern Co., 80 Beverly, Boston, Mass.
LETTER-PACK-IT envelopes—Letter-Pack-It System, 1258 Holden av, Detroit, Mich.
LETTERINE show card inks—Thaddeus Davis Ink Co., 97 Vandam, New York

LETZ corn planter—Brinly Hardy Co., Louisville, Ky.
LEVALLEY bolt clippers—Chain Belt Co., Milwaukee, Wis.
LEVANT cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
LEVIATHAN belting, belt dressing—Main Belting Co., 1219 Carpenter, Philadelphia, Pa.
LEVIATHAN DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.
LEVICK lubricating oils—Crew, Levick Co., 111 N Broad, Phila., Pa.
LEVIN pruning shears—Smith, Seymour & Son, Oakville, Conn.
LEWIS asphalt fillers, road tar—F. J. Lewis Mfg. Co., 2513 Robey, Chicago, Ill.
LEWIS automatic core wire straightening machines—Lewis Machine Co., 6303 Central, Cleveland, Ohio
LEWIS biller duplicator—General Manifold & Printing Co., 727 S. Dearborn, Chicago, Ill.
LEWIS brushes—Samuel Lewis, 73 Barclay, New York
LEWIS car stoves—Buda Co., Railway Exchange bldg, Chicago, Ill.
LEWIS furnaces, door hoists—Link-Belt Co., 329 W. 39th av, Chicago, Ill.
LEWIS hay stackers—O'Neill T. L. Co., Marseilles, Ill.
LEWIS machine gun—Savage Arms Corp., Utica, N. Y.
LEWIS special creosoted wood block paving pitch—F. J. Lewis Mfg. Co., Moline, Ill.
LEWIS steel spoke wheels—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
LEWIS street washers & hydrants—Haydenville Co., Haydenville, Mass.
LEWIS string bean machinery—E. J. Lewis, Middleport, N. Y.
LEWIS & KUNZER metallic packing—Aurora Metal Co., Aurora, Ill.
LEXINGTON gas ranges—Culter & Proctor Stove Co., Peoria, Ill.
LEXINGTON rubber belting, water, suction, steam hose—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
LEYNER air compressors, drill sharpening machines, pneumatic rock drills—J. Geo. Leyner Engineering Works Co., Littleton, Colo.
LEYNER drill sharpeners & oil furnaces—Ingersoll-Rand Co., 11 Broadway, New York
LEYNER-INGERSOLL rock drills—Ingersoll-Rand Co., 11 Broadway, New York
LIBBY calf pens—C. A. Libby Co., Oshkosh, Wis.
LIBBY turret lathes—International Machine Tool Co., Indianapolis, Ind.
LIBERTY automobile tire foot pump—Apex Elec. Mfg. Co., 1410 W 59th, Chicago, Ill.
LIBERTY boiler tube cleaners—Liberty Mfg. Co., 718H Frick bldg, Pittsburgh, Pa.
LIBERTY clippers—Coates Clipper Mfg. Co., Worcester, Mass.
LIBERTY core & foundry flour substitutes—Hill & Griffith Co., 1248 State av, Cincinnati, Ohio
LIBERTY floor hardener & wood preservatives—Antakwa Co., 212 N Jefferson, Chicago, Ill.
LIBERTY hack saw blades—Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y.
LIBERTY hickory handles—Hartwell Handle Co., Harvey, Ill.
LIBERTY lawn mowers—American Lawn Mower Co., Muncie, Ind.
LIBERTY oil filters, feed water regulators—Elliott Co., Frick bldg., Pittsburgh, Pa.
LIBERTY old style roofing tin—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
LIBERTY packing—Continental Rubber Works, Erie, Pa.
LIBERTY padlocks—E. T. Frain Lock Co., Lancaster, Pa.
LIBERTY red rubber packing—Johns-Manville, Inc., Madison av & 41st, New York
LIBERTY tool steel for hack saws, taps, etc.—Halcomb Steel Co., Syracuse, N. Y.
LIBERTY tools—Liberty Tool Corp., 1321H Munsey bldg, Baltimore, Md.
LIBERTY BELL lubricating oils & greases—Bell Oil Co., 600 S. Vandeventer, St. Louis, Mo.
LIBERTY BRAND steel letters—Allen, Doane & Co., 29 Cornhill, Boston, Mass.
LIBRA air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
LIDDELL-CHAMBERS steam engines—Liddell Co., Charlotte, N. C.
LIFE LINE lariates—Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
LIDGERWOOD hoists & cableways—Lidgerwood Mfg. Co., 91 Liberty, New York
LIETZ transits—A. Lietz Co., 61 Post, San Francisco, Cal.
LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.
LIFEBUOY toilet soap—Lever Bros. Co., Cambridge, Mass.
LIFE DRAFT ensilage cutters—Silver Mfg. Co., No. 256, Salem, Ohio
LIFE SAVING portable fire escapes—B. B. Neal Hardware Co., 117 Leonard, New York
LIFT THE DOT carriage fasteners—Carr Fastener Co., Boston, Mass.
LIGHTFOOT farm tractors—Monarch Tractor Co., Watertown, N. Y.
LIGHTHOUSE feed cutters—A. Buch's Sons Co., Elizazethtown, Pa.
LIGHT HOUSE oil stoves & heaters—Central Oil & Gas Co., Gardner, Mass.
LIGHTING boiler cleaners—Wm. Maurer & Co., South Bend, Ind.
LIGHTING boiler compounds—J. D. Street & Co., 41st & Pk St. Louis, Mo.
LIGHTING transformers—Western Electric Co., 463 West, New York
LIGHTNING animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
LIGHTNING bench punches—American Lock Nut & Tool Co., Oregon, Ill.
LIGHTNING bench vises—Bonney Forge & Tool Works, Allentown, Pa.
LIGHTNING bread cutters—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
LIGHTNING bread knives—Dunn Edge Tool Co., Oakland, Me.
LIGHTNING churns—Hall Bros. Co., West Acton, Mass.
LIGHTNING clod crushers—Cutaway Harrow Co., Higganum, Conn.
LIGHTNING clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
LIGHTNING crimpers—W. A. Wheeler, Indianapolis, Ind.
LIGHTNING dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.
LIGHTNING fruit & vegetable parers—Goodell Co., Antrim, N. H.
LIGHTNING fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.
LIGHTNING gas engines, pitless scales, centrifugal pumps, stump pullers—Kansas City Hay Press Co., Kansas City, Mo.
LIGHTNING grass shears—Dunn Edge Tool Co., Oakland, Me.
LIGHTNING hand power punches—American Lock Nut & Tool Co., Oregon, Ill.
LIGHTNING hose couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
LIGHTNING hose menders—Detroit Coin Wrapper Co., 15 W. Milwaukee, Detroit, Mich.
LIGHTNING ice chippers & ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
LIGHTNING insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
LIGHTNING lamp cord adjusters—Frantz Mfg. Co., Sterling, Ill.
LIGHTNING letter openers—Lightning Letter Opener Co., Rochester, N. Y.
LIGHTNING sickel grinders—Geo. S. Comstock & Son, Mechanicsburg, Pa.
LIGHTNING smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
LIGHTNING spark plugs—Reflex Ignition Co., 1708 Payne av., Cleveland, O.
LIGHTNING spray pumps—D. B. Smith & Co., Utica, N. Y.
LIGHTNING stove pipe & elbow machines—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
LIGHTNING triple gear mills—L. B. McCarger Feed Mill Co., St. Joseph, Mo.
LIGHTNING tumbler washers—Whiteman Mfg. Co., Canton, Ohio
LIGHTNING valve grinding compounds—Lightning Mfg. Co., Cornish Flat, N. H.
LIGHTNING vegetable cutters—Munnsville Plow Co., Munnsville, N. Y.
LIGHTNING wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.
LIGHTNING GUIDE steering sleds — Standard Novelty Works, Duncannon, Pa.
LIGHTNING NON-TUBULAR packing—New York Insulated Wire Co., 84 State, Boston, Mass.
LIGHTNING PATTERN knives—Wallingford Mfg. Co., Wallingford, Vt.
LIGHTNING RE-SET rat traps—Delphos Mfg. Co., Delphos, Ohio
LIGHT RUNNING egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
LIGHTWEIGHT bicycle lamps—Seiss Mfg. Co., Toledo, Ohio
LIG-LAC wood stains—Chas. Moser Co., Cincinnati, Ohio
LIGNI SALVOR wood preservatives—Wm. Menzel & Son, 64 Broad, New York
LIKEHYDE fibre gaskets, packing & washers—Burgin & Co., Inc., 487H B'way, New York
LIK-E-NAMEL floor finish—W. W. Lawrence & Co., Pittsburgh, Pa.
LILAC oil tin cans—Delphos Mfg. Co., Delphos, Ohio
LILIENBURG steel casting converters—Exeter Machine Works, Pittston, Pa.
LILIPUT steel measuring tapes—Keuffel & Esser Co., Hoboken, N. J.
LILLIE evaporators & vacuum pans—Wheeler Condenser & Engng. Co., W Carteret, N. J.
LILLIE multiple effects evaporators — Sugar Apparatus Mfg. Co., 328 Chestnut, Phila., Pa.
LILLIPUT blasting batteries—Star Electric Fuse Works, Wilkes-Barre, Pa.
LILLY absorbent cotton—Am. Gauge & Cotton Co., Inc., 407 N. 8th, St. Louis, Mo.
LILLY corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
LILLY CUP paper cups—Public Service Cup Co., 168 39th, Brooklyn, N. Y.
LILY rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
LILY steel ranges—J. M. Ettinger, 70 W. Lake, Chicago, Ill.
LILY STAR fibre pails—Fibre Corporation, Lockport, N. Y.
LIME FERTILE fertilizer—Fertile Chemical Co., E. 4th & Prospect, Cleveland, O.
LIMESTONE cement—Ironton Portland Cement Co., Ironton, Ohio
LIMITED motor cycles—Fellbach Motor Co., Well & Burleigh, Milwaukee, Wis.
LIMOLD lime—Chas. Warner Co., I. O. O. F. bldg, Wilmington, Del.
LINCOLN clothes washing machines—C. E. Ross, Lincoln, Ill.

LINCOLN hickory handles—Hartwell Handle Co., Harvery, Ill.
LINCOLN kitchen knives—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
LINCOLN night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.
LINCOLN paints, paint & varnish removers, shingle stains—Lincoln Paint & Color Co., Lincoln, Nebr.
LINCOLN trace carriers—North & Judd Mfg. Co., New Britain, Conn.
LINCOLN twist drills—Lincoln Twist Drills Co., Taunton, Mass.
LINCOLN CLIMATIC oil paints—Lincoln Paint & Color Co., Lincoln, Neb.
LINCRUSTA WALTON wall coverings—Fr. Beck & Co., 281 5th av, New York
LINDEN cotton hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
LINDEN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
LINDEN lemon squeezers—Gilchrist Co., 236 Bank, Newark, N. J.
LINDER road machine & graders—Linder Grader Co., Matthews, Ind.
LINDERMAN glue jointing machines—Linderman Steel & Machine Co., Muskegon, Mich.
LINDE'S pop safety valves—J. E. Lonergan Co., 211 Race, Phila., Pa.
LINDHOLM draw metal grease cups—Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
LINDLEY gasoline strainers—W. H. Lindley Co., Canastota, N. Y.
LINDQUIST wagon tongue supports—Harvey Spring & Forging Co., Racine, Wis.
LINDSAY foundry chaplets—Lindsay Chaplet & Mfg. Co., Harrison bldg, Phila., Pa.
LINDSEY farm wagons—Lindsey Wagon Co., Laurel, Miss.
LINDSTROM brake handles—Dayton Mfg. Co., Dayton, Ohio
LINEOGRAPH duplicators—Lineograph Co., 112 Fulton, New York
LINGA kerosene carburetor—Specialty Brass Co., Kenosha, Wis.
LINK-BELT silent chain, roller chain, electric hoist, locomotive crane, elevators & conveyors & portable loaders, car tipples & washeries & sand & gravel plants—Link-Belt Company, 300 W 39th, Chicago, Ill.
LINO metal paint—Lino Paint Co., 16908 Waterloo rd, Cleveland, Ohio
LIN-O-CORE oils—Thompson & Co., 857 W North av., Pittsburgh, Pa.
LINOFELT deadening felts, cold storage insulation & bldg sheathing—Union Fibre Co., Inc., Winona, Minn.
LINOGRIP linoleum cements—Pulsifer, Kingston Co., 19 Eliot, Boston, Mass.
LINOID insulating paper—Crane Bros., Westfield, Mass.
LINOIL core oils—Werner G. Smith Co., Hird & Detroit, Cleveland, Ohio
LINOLAC insulating paints, paper, tape, varnishes—Mica Insulator Co., 68 Church, New York
LINO-O-LAC varnish substitutes—C. H. Boley Co., 3722 N. Randolph, Phila., Pa.
LINOLEUM cork washers—Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
LIN-O-LIN linseed oil substitutes—C. H. Boley Co., 372 N. Randolph, Phila., Pa.
LINOLITE electric lamps—I. P. Frink, Inc., 10th av & 24th, New York
LINOLITE electric lamps—I. P. Frink, Inc., 24th & 10th av, New York
LINOTILE sanitary flooring—Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
LINOVA baths—Crane Co., 836 S Michigan av, Chicago, Ill.
LINOVUS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
LINSTROM suction pipe—Western Railway Equipment Co., Central Nat. Bank bldg, St. Louis, Mo.
LINSTROTH farm wagons—Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
LINTZ & ECKHART embroidery machines—Dubrow & Hearne Mfg. Co., 12 Wooster, New York
LINWOOD packing & hose—Hewitt Rubber Co., Buffalo, N. Y.
LION automobile truck trailers—Lion Buggy Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio
LION core compounds—Keystone Foundry Supply Co., Buffalo, N. Y.
LION electric blasting apparatus, electric detonators—Aetna Explosives Co., 165 Broadway, New York
LION ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
LION folding rules—Adolph Strauss & Co., 1140 Broadway, New York
LION grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
LION hammocks—Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
LION heel plates—Fate-Root-Heath Co., Plymouth, Ohio
LION hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio
LION insecticides—Jas. A. Blanchard Co., 30 Church, New York
LION paints—St. Paul White Lead & Oil Co., St. Paul, Minn.
LION rubber bottles—Tyer Rubber Co., Andover, Mass.
LION steam metallic packing—Jas. Walker & Co., Ltd., 46 West, New York
LION steam & hot water heaters—Pittsburgh Water Heater Co., Jenkins bldg., Pittsburgh, Pa.
LION traction engines—Lion Tractor Co., Minneapolis, Minn.
LION wall nnish—Ohio & Western Lime Co., Huntington, Ind.
LION water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
LION BRAND belt lacing—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
LION HEAD seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
LIP packing—Crandall Packing Co., Palmyra, N. Y.
LIPE-WALRATH broom sewing machines—Alphonso Walrath Co., Fort Plain, N. Y.
LIPPINCOTT axes—American Axe & Tool Co., Glassport, Pa.
LIQUID CEMENT COATING brick paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
LIQUID CEMENT FILLER brick paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
LIQUID CONCRETE brick paint—Glidden Co., Madison av & Berea rd, Cleveland, O.
LIQUID KONKERIT exterior paints—Toch Bros., 320 5th av. New York
LIQUID RUBBER brick paint—Glidden Co., Madison av & Berea rd, Cleveland, O.
LIQUID RUBBER CEMENT brick paint—Glidden Co., Madison av & Berea rd, Cleveland, O.
LIQUID SEAL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
LIQUID STOPLEAK roofing cement & paint—Jones Paint Co., Rome, N. Y.
LIQUID VELVET wall finish—O'Brien Varnish Co., South Bend, Ind.
LIQUID VENEER furniture polish—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
LISK nickel plated copper ware, tinware, enameled specialties—Lisk Manufacturing Co., Canandaigua, N. Y.
LITCHFIELD manure spreaders—Litchfield Mfg. Co., Waterloo, Ia.
LITERA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
LITH deadening felts—Union Fibre Co., Inc., Winona, Minn.
LITHOFORM adhesive for painting galvanized iron—Am. Chemical Paint Co., 1118 S. 11th, Phila., Pa.
LITHOLINE medicinal petroleum oils—Union Petroleum Co., Widener bldg., Phila., Pa.
LITHOPLATE slate, blackboards—Caxton School Co., 560 W. Monroe, Chicago, Ill.
LITTLE BEAUTY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
LITTLE BEAUTY electric sad irons—Am. Elec. Heater Co., Burrough & Woodward, Detroit, Mich.
LITTLE BEAUTY kerosene night lamps—Silver & Co., 304 Hewes, Brooklyn, N. Y.
LITTLE BEN hand vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
LITTLE BLACKSMITH hand power & portable punches & shears—J. F. Kidder Mfg. Co., Burlington, Vt.
LITTLE BLACKSMITH hand power punch & shear—H. Weiss & Co., 83 John, New York
LITTLE BOSS concrete mixers—American Cement Machine Co., Keokuk, Ia.
LITTLE BOY cultivators—King & Hamilton Co., Ottawa, Ill.
LITTLE BUSTER riding listers—Racine-Sattley Co., Springfield, Ill.
LITTLE CHAMPION pneumatic rock drills—Wickes Machinery Co., Jersey City, N. J.
LITTLE CORPORAL tack claws & pullers—Fletcher-Terry Co., Forestville, Conn.
LITTLE DAVID pneumatic drills & hammers—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE DEVIL concrete mixers—Chicago Builders Specialties Co., 11 S. La Salle, Chicago, Ill.
LITTLE DEVIL tractors—Hart-Parr Co., Charles City, Ia.
LITTLE DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.
LITTLE DUTCHMAN gang plows—Moline Plow Co., Moline, Ill.
LITTLE ENGINEER boys' overalls—Co-Operative Overall Co., 819 Chestnut, Chattanooga, Tenn.
LITTLE GEM can openers—Taylor Mfg. Co., Hartford, Conn.
LITTLE GEM Christmas tree holders—Peck C. A. Hardware Co., Berlin, Wis.
LITTLE GEM electric rosettes—Pass & Seymour, Solvay, N. Y.
LITTLE GEM garden cultivators—Hartman Mfg. Co., Vincennes, Ind.
LITTLE GEM spark plugs—Electrolamp Co., Detroit, Mich.
LITTLE GEM tack claws & pullers—Turner & Deegan, Bristol, Conn.
LITTLE GEM water heaters—Abendroth Bros., Port Chester, N. Y.
LITTLE GIANT air tire pumps—Coe-Stapley Mfg. Co., West Haven, Conn.
LITTLE GIANT alligator & scrap shears—Danville Iron & Steel Co., Danville, Pa.
LITTLE GIANT automobile wheel pullers—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
LITTLE GIANT belt & motor driven hammers, clothes reels, ditchers, graders and tractors—Little Giant Co., Mankato, Minn.
LITTLE GIANT bobbin holders—Roney & Rae Co., Woonsocket, R. I.
LITTLE GIANT boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
LITTLE GIANT can openers—Bradley & Farnham, Middlefield, Conn.
LITTLE GIANT can openers—Ellis Mfg. Co., Milldale, Conn.
LITTLE GIANT cement brick machines—La Grange Machine & Repair Co., La Grange, Ind.

LITTLE GIANT cockeyes—Frazer & Jones Co., Syracuse, N. Y.
LITTLE GIANT coffee & peanut pickers, threshers—Heebner & Sons, Lansdale, Pa.
LITTLE GIANT pneumatic piston drills & wood boring machines, elec. drills & grinders, pneumatic hoists & winches—Chicago Pneumatic Tool Co., 6 E. 44th, New York
LITTLE GIANT corn cutting machines—Voss Bros. Mfg. Co., Davenport, Ia.
LITTLE GIANT corn shellers—Fate-Root-Heath Co., Plymouth, Ohio
LITTLE GIANT cotton presses—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
LITTLE GIANT dies & screw plates—Greenfield Tap & Die Corp'n, Greenfield, Mass.
LITTLE GIANT dish washing machines—National Dish Washer Co., Binghamton, N. Y.
LITTLE GIANT drill chucks—Westcott Chuck Co., Oneida, N. Y.
LITTLE GIANT dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
LITTLE GIANT expansion bolts & screw sleeves—Stannard Mfg. Co., 371 Allen, Springfield, Mass.
LITTLE GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
LITTLE GIANT floor scraping machines—Hurley Machine Co., Cicero, Ill.
LITTLE GIANT floor scrapers & surfacing machines—Little Giant Co., 511H Madison, Maywood, Ill.
LITTLE GIANT force pumps—J. E. Kennedy, 30 E. 42nd, New York
LITTLE GIANT fruit jar wrenches, wire stretchers—Arcade Mfg. Co., Freeport, Ill.
LITTLE GIANT fuel oil burners, pump governors—G. E. Witt Co., 862 Howard, San Francisco, Cal.
LITTLE GIANT garden cultivators, celery hillers—Ohio Cultivator Co., Bellevue, Ohio
LITTLE GIANT gasoline hoists—Brown Clutch Co., Sandusky, Ohio
LITTLE GIANT grass hooks—H. S. Earle Mfg. Co., Ford bldg., Detroit, Mich.
LITTLE GIANT hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
LITTLE GIANT holder wrenches—Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
LITTLE GIANT hub boring machines—Abbott & Co., Hudson, Mich.
LITTLE GIANT ice breakers—G. S. Blakeslee & Co., W. 19th & S. 52d av, Chicago, Ill.
LITTLE GIANT ice tongs—Parks & Parks, Troy, N. Y.
LITTLE GIANT jack screws—L. S. Starrett Co. The, Athol, Mass.
LITTLE GIANT laundry stoves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
LITTLE GIANT lemon squeezers—Landers, Frary & Clark, New Britain, Conn.
LITTLE GIANT linemen's splicing clamps—Irvington Mfg. Co., Irvington, N. J.
LITTLE GIANT marine engine—Duluth Gas Engine Works, Duluth, Minn.
LITTLE GIANT mole trap—J. B. Rittenhouse Mfg. Co., Liberty Mills, Ind.
LITTLE GIANT porch swings—Modern Mfg. Co., Hagerstown, Md.
LITTLE GIANT portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.
LITTLE GIANT post hole diggers—F. E. Kohler Co., Canton, Ohio
LITTLE GIANT potato diggers—Ohio Rake Co., Dayton, Ohio
LITTLE GIANT potato sprayers, insecticide dusters—Leggett & Bro., 301 Pearl, New York
LITTLE GIANT pruning saws—Henry Disston & Sons, Tacony, Phila., Pa.
LITTLE GIANT punches—Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
LITTLE GIANT punching & shearing machinery—Little Giant Punch & Shear Co., Sparta, Ill.
LITTLE GIANT riveting machines—A. C. Williams Co., Ravenna, Ohio
LITTLE GIANT rock drills—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE GIANT rotary gasoline pumps—Anderson Visible Pump & Tank Co., Savannah, Ga.
LITTLE GIANT scoops—Edw. J. Bissell, Milford, Mich.
LITTLE GIANT screen door braces—Automatic Door Catch Co., Harvey, Ill.
LITTLE GIANT scythes—North Wayne Tool Co., Hallowell, Me.
LITTLE GIANT shaft couplings—Thomas Flexible Coupling Co., Erie, Pa.
LITTLE GIANT spray pumps—F. E. Myers & Bro., Ashland, Ohio
LITTLE GIANT steam traps—Jno. F. Robertson Co., Park bldg, Pittsburgh, Pa.
LITTLE GIANT tack claws & pullers—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
LITTLE GIANT tackle blocks—Pittsburgh Block & Mfg Co., 818 South av, Pittsburgh, Pa.
LITTLE GIANT tube cleaners—Poole Mfg. Co., 325 Columbus av, Boston, Mass.
LITTLE GIANT vises, axle setters, blacksmiths' drilling machines—B. B. Noyes Co., Greenfield, Mass.
LITTLE GIANT water wheels—Munson Mill Machinery Co., Utica, N. Y.
LITTLE GIANT wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.
LITTLE GIANT wire splicers—Wagner Mfg. Co., Cedar Falls, Ia.
LITTLE GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
LITTLE GIANT wood planing machines—Fisher & Davis Mfg. Co., 934 N. First, St. Louis, Mo.
LITTLE HUSTLER battery motors—Knapp Electric & Novelty Co., 511 W. 51st, New York
LITTLE JEWEL Christmas tree holders—Peck C. A. Hardware Co., Berlin, Wis.
LITTLE JOE cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
LITTLE JOE rail benders—What Cheer Tool Co., What Cheer, Ia.
LITTLE MONITOR hose nozzles—L. R. Nelson, Peoria, Ill.
LITTLE NIAGARA air washers—Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago, Ill.
LITTLE POLLY corn brooms—Harrah & Stewart Mfg. Co., Des Moines, Ia.
LITTLE RHODY electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
LITTLE SCHENER counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
LITTLE STAR fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
LITTLE TIGER door checks & springs—Automatic Door Catch Co., Harvey, Ill.
LITTLE TUGGER portable hoists—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE WONDER ash sifters—Aurora Steel Products Co., Aurora, Ill.
LITTLE WONDER coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
LITTLE WONDER concrete mixers—Waterloo Cement Machinery Corp., Waterloo, Ia.
LITTLE WONDER disc sharpeners—A. E. Durner, Evansville, Wis.
LITTLE WONDER knife sharpeners—Lake Mfg. Co. 58 R. I. av, Washington, D. C.
LITTLE WONDER screw driver—Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
LITTLE WONDER spray pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
LITTLE WONDER stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
LITTLE WONDER tool kits—C. E. Jennings & Co., 71 Murray, New York
LITTLE YANKEE land graders—Ohio Road Machinery Co., Oberlin, Ohio
LITTLE YANKEE pencil sharpeners—J. E. Whiteacre Co., Rockford, Ill.
LIVE OAK oil hose—Pioneer Rubber Mills, San Francisco, Cal.
LIVE STEAM packing—A. W. Chesterton Co., 64 India, Boston, Mass.
LIVERPOOL grate settings—Henry Maurer & Son, 420 E. 23rd, New York
LIVERPOOL safety cargo hooks—Thos. Laughlin Co., Portland, Ore.
LIVING STONE bond concrete—Living Stone Co., 1 E Lee, Baltimore, Md.
LLOYD by-pass valves—Lloyd Construction Co., Detroit, Mich.
LLOYD'S crushing rolls—Wilmot Engineering Co., Hazleton, Pa.
LOBDELL wood rims—American Wood Rim Co., Onaway, Mich.
LOBEE soapmakers' pumps—Lobee Pump & Machinery Co., Buffalo, N. Y.
LOBSTER-CLAW battery connectors—Tregoning Electric Mfg. Co., Cleveland, Ohio
LOCALCASE case hardening compounds—Shore Instrument & Mfg. Co., The, Jamaica, N. Y.
LOCHMAN wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.
LOCK Grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
LOCK JOINT steel ceilings—F. O. Schoedlinger, 326H Mt. Vernon, Columbus, Ohio
LOCKE electric cable hangers—Cameron Appliance Co., Everett, Mass.
LOCKE & JEWEL hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
LOCKE'S damper regulators—Locke Regulator Co., Salem, Mass.
LOCKE'S levels—David White Co., 419 E. Water, Milwaukee, Wis.
LOCKE'S levels—Keuffel & Esser Co., Hoboken, N. J.
LOCKFAST molasses gates—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
LOCKHART pipe nipple holders—R. Jas. Lockhart, 201 Millvale, Pittsburgh, Pa.
LOCK JAW file handles—M. W. Robinson Co., 296 B'way, New York
LOCK JOINT reinforced concrete pipe—Lock Joint Pipe Co., East Orange, N. J.
LOCK-ON handles—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
LOCKWOOD range boiler stands—Central Foundry Co., 90 West, New York
LO-CO shaking grates—Kramer Bros. Foundry Co., Dayton, Ohio
LOCO MAGIC purifier—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
LODEWICK'S portable fire escapes—Hamblin & Russell Mfg. Co., Worcester, Mass.
LOETZER valve & service boxes, double gate valves, fire hydrants—Loetzer Valve & Mfg. Co., ft. of Adams, Troy, N. Y.
LOEW ale filters—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
LOGAN hot water radiators—Logansport Radiator & Equipment Co., Logansport, Ind.
LOMBARD clothes washing machines—Lombard-White Co., H, Harlow, Worcester, Mass.
LOMBARD friction clutches—Holyoke Machine Co., Worcester, Mass.
LONDON automobile wind shields—London Auto Supply Co., 2540 S. Wabash av, Chicago, Ill.
LONDON cloth finishing presses—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
LONDON dusters—S. Levy, 618 New Market, Phila., Pa.
LONE STAR cement—Texas Portland Cement Co., Dallas, Texas.

LONE STAR cotton planters—J. I. Case Plow Works, Racine, Wis.
LONE STAR paints, wood preservatives—Reeves Co., 805 Howard av, New Orleans, La.
LONG automobile horns—G. Piel Co., 29 13th, Long Island City, N. Y.
LONG chain quillers—Whitin Machine Works, Whitinsville, Mass.
LONG BEACH seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
LONG DISTANCE spark plugs—Long Distance Spark Plug Co., Indianapolis, Ind.
LONG LIFE carbon brushes—Speer Carbon Co., St. Marys, Pa.
LONGLIFE conveyor belting—B. F. Goodrich Co., Akron, Ohio
LONG LIFE packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
LONG LIFE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
LONG RANGE arbor presses—United Engine & Mfg. Co., Hanover, Pa.
LONG SAUT cable supporting clamps—Diamond Expansion Bolt Co., 89 West, New York
LONG'S machinists' clamps—Crescent Forgings Co., Oakmont, Pa.
LONGWEAR asbestos brake lining—Asbestos & Rubber Works of N. J., Camden, N. J.
LONGYEAR core drills—E. J. Longyear Co., Minneapolis, Minn.
LOOK & LINCOLN farm wagons—Look-Lincoln, Marion, Va.
LOOKOUT alarm clocks—Western Clock Co., La Salle, Ill.
LOOMIA silos—J. H. Loomis & Sons, Phoenix, N. Y.
LOOMIS oil engines—Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, Ohio
LOOMIS-MANNING water filters—Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
LOOPLEVER hame chains—Niagara Falls Metal Stamping Wks., Niagara Fall, N. Y.
LORD & BURNHAM hot water heaters—Lord & Burnham Co., Irvington, N. Y.
LORD'S boiler compounds—Henry Lord Chemical Co., 101 E. 32nd, Baltimore, Md.
LORICATED interior conduits—Garland Mfg. Co., 1st Nat'l Bk. bldg, West Pittsburgh, Pa.
LOROL belt dessing—Viscol Co., Cambridge, Mass.
LOSANT rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
LO SWING turning lathes & projectile machinery—Fitchburg Machine Works, Fitchburg, Mass.
LO-TEX brick & tile—Longmont Brick & Tile Co., Longmont, Colo.
LOTHROP belt awls—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
LOTT wire stretchers—Am. Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
LOTUS babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
LOUDEN barn door hangers, hay carriers, hay fork pulleys—Louden Machinery Co., Fairfield, Ia.
LOUISIANA hoes—Union Fork & Hoe Co., Columbus, Ohio
LOUISVILLE-AVERY traction engines—B. F. Avery & Sons, Louisville, Ky.
LOUISVILLE portland cement—Louisville Cement Co., 315H Guthrie, Louisville, Ky.
LOUISVILLE SLUGGER baseball bats—Hillerich & Bradsby Co., Louisville, Ky.
LOUISVILLE stalk cutters—B. F. Avery & Sons, Louisville, Ky.
LOURIE-NO-SMOKE forge hoods — Lourie Mfg. Co., Springfield, Ill.
LOVEJOY carbureters—Hoyt Electric Instrument Works, Penacock, N. H.
LOVEJOY jacks & old man drilling posts—Lovejoy Tool Wks., 319 W Ohio, Chicago, Ill.
LOVELL skylight ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
LOW DOWN concrete mixers—Elite Mfg. Co., Ashland, Ohio
LOW MOOR pig iron—Low Moor Iron Co., Low Moor, Va.
LOW MOOR steel—Houghton & Richards, 145 Oliver, Boston, Mass.
LOWATT incandescent electric lamps—Edison Lamp Works of G. E. Co., Harrison, N. J.
LOWDEN oil extractors—Chas. Jacobs & Co., 258 Franklin, Boston, Mass.
LOWE feed water heaters, tubular boilers—Bridgeport Boiler Works Co., Bridgeport, Conn.
LOWE gas engines—Lowe Bros. Machine & Engine Works, Columbus, Ohio
LOWE staybolt breakers—Williams, White & Co., Moline, Ill.
LOWELL slop sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
LOWELL vises & reversible ratchet wrenches—Lowell Wrench Co., Worcester, Mass.
LOWEST LOW-DOWN manure spreaders—New Idea Spreader Co., Coldwater, Ohio
LOWRIE wall safes—Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd., Chicago, Ill.
LOWVOLT transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.
LOXEM padlocks—E. T. Frain Lock Co., Lancaster, Pa.
LOXON enameled metal tile—Penn Metal Co., 65 Franklin, Boston, Mass.
LOXON lamp guards—McGill Mfg. Co., Valparaiso, Ind.
LOXRITE metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
LOXSPRING harness snaps—North & Judd Mfg. Co., New Britain, Conn.
LOXWELL padlocks—E. T. Frain Lock Co., Lancaster, Pa.
LUBECO babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
LUBRANTINE grease—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
LUBRICENE lubricating oils & greases—Northern Chemical Co., Cleveland, Ohio
LUBRICOOL cutting & drilling compounds—Farr Mfg. Co., Tonawanda, N. Y.
LUBRIKO lubricating oils & greases—Commercial Lubricating Co., cor. Meadow & Jackson, Philadelphia, Pa.
LUBROBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
LUBRON packing—Lubron Co., Everett, Mass.
LUBRO VISCO lubricating oils & greases—Post & Lester Co., Hartford, Conn.
LUB-WELL cutting & drilling compounds—G. Whitfield Richards, 1732 Carlton, Phila., Pa.
LUCAS belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.
LUCAS chain tape & steel chain measuring tapes—J. C. Ulmer Co., 1791 E 38th, Cleveland, Ohio
LUCAS dressing carriage—John Lucas & Co., 322H Race, Phila., Pa.
LUCAS power presses—Lucas Machine Tool Co., 524 E. 99th, Cleveland, Ohio
LUCAS power pumps—Lucas Miner Tool & Production Co., Dayton, O.
LUCAS switches, spring rail frogs—Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
LUCASEAL enamels—John Lucas & Co., 322 Race, Phila., Pa.
LUCEO glass shades—Jefferson Glass Co., Follansbee, W., Va.
LUCERA nickel-copper resistance wire—Electrical Alloy Co., Morristown, N. J.
LUCEY steam pumps—Lucey Mfg. Corp., 233 B'way, New York
LUCKIE steel fishing rods—Horton Mfg. Co., Bristol, Conn.
LUCKY HIT cultivators—Racine-Sattley Co., Springfield, Ill.
LUCKY STRIKE babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
LUDINGTON'S copy holders—Beaton & Cadwell Mfg. Co., New Britain, Conn.
LUDLOW railway track drills—Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, Ohio
LUDLOW valves—Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUDOWICI-CELADON roofing tile—Ludowici-Celadon Co., Monroe bldg., Chicago, Ill.
LUEDINGHAUS farm wagons—Luedinghaus-Espenschied Wagon Co., 1717 N. Broadway, St. Louis, Mo.
LUHRIG elevator buckets & jigs for coal washeries—Link-Belt Company, 300 W 39th, Chicago, Ill.
LUITWIELER fire engines, pumping engines—Luitwieler Pumping Engine Co., Rochester, N. Y.
LULL & PORTER blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.
LUMA luminous compounds—Radium Chemical Co., Forbes & Meyran av, Pittsburgh, Pa.
LUMBERMAN'S hand carts—A. Streich & Bro. Co., Oshkosh, Wis.
LUMECO babbitt metal—Thos. F. Lukens Metal Co., 1105 Fairmont av, Phila., Pa.
LUMEN bearings—Lumen Bearing Co., Buffalo, N. Y.
LUMINO metal polish—F. T. Lord Polish Co., Cambridge, Mass.
LUMITE aluminum castings—Cincinnati Aluminum Casting Co., Norwood, Cincinnati, Ohio
LUNA bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
LUNA electric illuminated signs—Haller Sign Works, 115 N. Desplaines, Chicago, Ill.
LUNCEN door switches, electric bells—Edwards & Co., Exterior av & 140th, New York
LUNDELL dynamo & motors, electric ceiling fans—Sprague Electric Works, 527 W. 34th, New York
LUNDIN electric fault finders—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
LUNDY gasoline blast furnaces, fire-pots—Double Blast Mfg. Co., North Chicago, Ill.
LUNGMOTOR resuscitating devices—Life Saving Devices Co., 710 W. Madison, Chicago Ill.
LUPOS porch columns—American Veneer Column Co., 913 Grand, Brooklyn, N. Y.
LUPTON metallic window frame, puttyless skylight & conductor pipe elbows—David Lupton's Sons Co., Allegheny av & Tulip, Phila., Pa.
LUSTER FINISH carriage top dressing—Endurance Autoil Co., Muncie, Ind.
LUSTRA architectural varnishes—Murphy Varnish Co., 224 McWhorter, Newark, N. J.
LUSTREINE liquid polish—Oscar Schlegel Mfg. Co., 124 E. 13th, New York
LUSTRO floor finish—Hanna Paint Mfg. Co., Columbus, Ohio
LUTECA red lead—Wm. Waterall & Co., Camden, N. J.
LUTHE shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
LUTZ electric wiring mouldings—American Circular Loom Co., Chelsea, Mass.
LUTZ file handles—Lutz File Co., 806 B'way, Cincinnati, Ohio
LUTZ quilting machines, tool holders & wrenches—Lutz Co., Inc., 31st & Grays Ferry av, Phila., Pa.
LUXAR rubber tops material—Du Pont Fabrikoid Co., Wilmington, Del.
LUXE stearic acid—Emery Candle Co., 115 E 4th, Cincinnati, O.
LUXFER prism lights & expanded metal lath—American Luxfer Prism Co., 1305 S. 55th, Chicago, Ill.
LUXFIBIL willow, rattan & reed furniture—Burrows E. T. Co., Portland, Me.
LUXOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.

LUXTON drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
LUXURIA portable shower baths—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
LUXURY canned goods—Otoe Food Products Co., Nebraska City, Neb.
LUXURY folding seats—Hodge & Graves Co., Amesbury, Mass.
LUXURY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
LYCOMING gasoline engines—Lycoming Motor Corp., Dept. H, Williamsport, Pa.
LYKNU furniture polish—Lyknu Polish Mfg. Co., 916 Forbes, Pittsburgh, Pa.
LYLE yacht cannons—David Kahnweiler's Sons, 260 Front, New York
LYMAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
LYNCH automobile chain locks—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
LYNCH bottle blowing machinery—Lynch Glass Machinery Co., Anderson, Ind.
LYNCH-GAKEN lock buckles—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
LYNDON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
LYNITE aluminum castings, forgings, gear blanks & engine pistons—Aluminum Mfrs., Inc., 2210 Harvard av, Cleveland, Ohio
LYNN sewer gas traps—Central Foundry Co., 90 West, New York
LYNUX bronze bearings, bushings & casting—Aluminum Castings Co., 2210 Harvard av, Cleveland, O.
LYON heel stiffeners—Stowell Co., So. Milwaukee, Wis.
LYON iron & steel roofing & siding stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.
LYON lawn mowers—S. P. Townsend & Co., Orange, N. J.
LYON mechanical resuscitating device—Cleveland Breathing Machine Co., 1856 Euclid av, Cleveland, Ohio
LYON reinforced steel gear cases—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
LYON silica brick—Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
LYON steel factory equipment, lockers, benches, racks, partitions, desks, tables, trucks—Lyon Metallic Mfg. Co., Aurora, Ill.
LYONORE metal conductor pipe, metal roofing & eve troughs—Lyon Conklin & Co., Inc., 19 Balderston, Baltimore, Md.
LYONS automobile wind shields—Hugh Lyons & Co., Lansing, Mich.
LYONS fanning mills—Nagley Mfg. Co., Lyons, N. Y.
LYRA cylinder oil—Texas Company, 17 Battery pl, New York
LYROCO steam traps—Lytton Rowe Mfg. Co., Norfolk, Va.
LYSTER skylight ventilating apparatus—Lyster Sheet Metal Co., 1216 Filbert, Phila., Pa.
LYTESTRONG pressed steel shaft hangers—Bond Foundry & Machine Co., Manheim, Lancaster, Pa.
LYTTON blow-off valves, pressure regulators, steam traps—Lytton Mfg. Corp., Franklin, Va.
M belting—Moloney Belting Co., 130 N. Franklin, Chicago, Ill.
M valves—Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
M. B. C. roofing cements—Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
M. B. P. carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
M-C gear hobbers & gears—Meisselbach-Catucci Mfg. Co., 25 Congress, Newark, N. J.
M. C. lubricating oils & greases—Mound City Oil & Supply Co., 204 N. Commercial, St. Louis, Mo.
M. C. B. car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
M-C-K elevator safety devices—Surety Guard Co., 62 E. Lake, Chicago, Ill.
M. C. S. asbestos brake lining, clutch compounds, spark plugs—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill
M. COVEL belt fasteners—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
M. D. S. power vacuum cleaners—Clayton-Marlborough Mfg. Co., Rochester, N. Y.
M. F. M. A. maple, beech & birch flooring—Maple Flooring Mfrs. Assn., Stock Exchange bldg, Chicago, Ill.
M. H. ball cocks—Exeter Brass Works, Exeter, N. H.
M. I. C. insulating compounds, paints, paper & varnish—Mica Insulator Co., 68 Church, New York
M. I. F. Co., boat anchors, cleats, hooks, row-locks, chain shackles, cut spikes, zinc coated nails, engine & machine oilers—Malleable Iron Fittings Co., Branford, Conn.
M. I. W. curb & valve boxes, sink brackets, floor flanges, flush tank regulators & range boiler stands—Modern Iron Works, Quincy, Ill.
M. K. disc harrows—Kingman Plow Co., Peoria, Ill.
M. K. & T. weed burners—Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.
M. L. B. clutch linings—Milwaukee Leather Belting Co., 146 W. Water, Milwaukee, Wis.
M. M. C. magnetic separators & pulleys—Magnetic Mfg. Co., 864 Windlake av., Milwaukee, Wis.
M. P. floor finish—Glidden Co., Madison av & Berea rd, Cleveland, O.
M. P. rust proof coating—B. Binswanger & Co., 329 N. 3rd, Phila., Pa.
M. S. C. carbon removers—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
M. S. CO. tanks & ventilators—Mobile Steel Co., Mobile, Ala.
M. V. B. ball cocks, closet seat hinges, flushing valves — Morency-Van Buren Mfg. Co., Sturgis, Mich.
M. W. trolley wire clamps—Ohio Brass Co., Mansfield, Ohio
M. & B. carbureters—A. R. Mosler & Co., Mt. Vernon, N. Y.
M. & B. gaff hooks—General Phonograph Corp., 25 W. 45th, New York
M. & B. sucker rod sockets—Masseth Packer & Machine, Butler, Pa.
M. & E. grease cup lubricators—Merchant & Evans Co., Washington av & 21st, Phila., Pa.
M. & H. feed & litter carriers—Miller & Hay Mfg. Co., Wauseon, O.
M. & I. hand torches, sheet steel oilers—Walter Mfg. Co., Pittsburgh, Pa.
M. & M. diamond metal polish—Motor & Machinists Supply Co., Kansas City, Mo.
M. & M. hog knives—Mitts & Merrill, Saginaw, Mich.
M. & M. rail clamps—M. & M. Rail Clamp Co., 102 N. Parkway, Pittsburgh, Pa.
M. & M. tire cements—M. & M. Mfg. Co., Akron, Ohio
M. & S. automobile magneto igniters—Sleeper Co., Fowler, Ind
M. & W. paper mill screens—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.
McALEAR vacuum heating systems—McAlear Mfg. Co., 1901H S Western av, Chicago, Ill.
McALEER wash boilers—E. J. McAleer & Co., 1422 N. 8th, Phila., Pa.
McARTHUR portable fire escapes—McArthur Portable Fire Escape Co., Cleveland, Ohio
McAULEY steam traps—McAuley Automatic Trap Co., Imperial Power bldg, Pittsburgh, Pa.
McAULIFFE NON-SYPHONING traps—Boston Brass Co., 135 Bacon, Waltham, Mass.
McBEAN steel ranges—Daniel Mahoney & Sons, 17 Main, Buffalo, N. Y.
McBRIDE electric glove stretchers—C. L. McBride Mfg. Co., Toledo, Ohio
McCABE door hangers—McCabe Hanger Mfg. Co., 426-428 W. 25th, New York
McCABE flanging machines—McCabe Mfg. Co., Lawrence, Mass.
McCADDEN leakless piston rings—McCadden Machine Works, St. Cloud, Minn.
McCANNA'S thread cutting tools — John M. Rogers Works, Gloucester, N. J.
McCANN'S spreader cars—Mann & McCann Co., Fisher bldg., Chicago, Ill.
McCARTHY'S baggage racks—Rostand Mfg. Co., Milford, Conn.
McCASLIN bucket elevators, gravity conveyors—Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.
McCAULL carriage bows—Downey Bros., Spoke & Bending Co., Lancaster, Pa.
McCAULL carriage bows—Medina Bending Works, Medina, Ohio
McCHESNEY galvanized steel wire hose clamps & couplings—J. S. McChesney & Co., 105 N Clark, Chicago, Ill.
McCLAVE grate bars, mechanical stokers—McClave-Brooks Co., Poplar, Scranton, Pa.
McCLELLAN files—Nicholson File Co., Providence, R. I.
McCLELLAN trap vents—F. N. Dubois & Co., 247 9th av, New York
McCLURE hot blast stoves—G. W. McClure Son & Co., Bessemer bldg., Pittsburgh, Pa.
McCLURE seats & tanks—Globe Fixture & Furniture Co., Quincy, Ill.
McCOOL blind stitching & felling machines—Acme Keystone Co., Beaver Falls, Pa.
McCORD lubricators, journal boxes & spring dampers—McCord & Co., 122 S. Michigan av, Chicago, Ill.
McCORMICK binder twine, cultivators, harrows, mowers, reapers, harvesters, binders, corn huskers, corn pickers, hay stackers, hay tedders—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
McCORMICK blue grass harvesters—McCormick Bros., Winchester, Ky.
McCORMICK hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
McCOY ground connection clamps—Cameron Appliance Co., Everett, Mass.
McCOY oil & grease cups—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
McCRACKEN concrete mixers & drag sawing machines—Sioux City Engine & Machy. Co., Sioux City, Ia.
McCROSKY reamers, expanding mandrels—McCrosky Reamer Co., Meadville, Pa.
McCULLOCH shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
McCULLOCH spark timers—A. P. McCulloch Machine Co., 216 High, Boston, Mass.
McDANIEL boiler ejectors & steam traps—Watson & McDaniel Co., 146b N 7th, Phila., Pa.
McDONALD basin cocks—A. Y. McDonald Mfg. Co., Dubuque, Ia.
McDONALD wagon scales—Moline Plow Co., Moline, Ill.
McDONNELL transformers—Wesco Supply Co., 7th & Clark, St. Louis, Mo.
McDONOUGH damper regulators, pump governors, feed water regulators — McDonough Automatic Regulator Co., 716 Grand River av., Detroit, Mich.
McDONOUGH feed water regulators—Plant Engineering & Equipment Co., Inc., 192 B'way, New York
McDOUGAL smelting furnaces—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
McFEELY hydraulic pumps—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.

McGIFFERT log loaders—Clyde Iron Works Sales Co., Duluth, Minn.
McGIFFIN automobile wind shields — Automobile Specialties Co., E. E. Jenkins Arcade, Pittsburgh, Pa.
McGILL change carriers, conductors' ticket punches & change making machines—McGill Metal Products Co., 1640H Walnut, Chicago, Ill.
McGILL paper fasteners—Waterbury Brass Goods Corp., Waterbury, Conn.
McGILL'S BABY pumpless gasoline torches—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
McGRATH pneumatic motors—Draper Mfg. Co, Port Huron, Mich.
McGREGOR boiler braces—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
McGREGOR gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
McGUIRE roof flanges—H. E. Hessler Co., Syracuse, N. Y.
McGUIRE stove pipe thimbles—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
McGUIRE-CUMMINGS snow sweepers — McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
McHENRY track gauges, track levels—Fairbanks, Morse & Co., Sheffield Plant, Three Rivers, Mich.
McINNES tool steel — McInnes Steel Co. (Ltd.), Corry, Pa.
McINTOSH high frequency violet ray apparatus—McIntosh Battery & Optical Co., 217H N Desplaines, Chicago, Ill.
McINTYRE hose couplings—Combination Ladder Co., 366 Fountain, Providence, R. I.
McKEE gas fired boilers—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
McKEE grease cups—Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
McKEEN interurban gasoline cars—McKeen Motor Car Co., Omaha, Nebr.
McKELLAR steam traps—W. T. Garratt & Co., 299 Fremont, San Francisco, Cal.
McKENNA iron rail & rolling mills—American McKenna Process Co., Milwaukee, Wis.
McKENNA reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
McKENZIE potato sprayers—McKenzie Mfg. Co., La Crosse, Wis.
McKESSON-RICE screenles sizers—Stearns-Rager Mfg. Co., Denver, Colo.
McKIERNAN-TERRY pile driving hammers & rock drills—Terry Drill Co., 17 Park Row, New York
McKIM metallic gaskets—McCord Mfg. Co., 2587 Grand blvd., Detroit, Mich.
McKINE dry measures—Acme Sheet Metal Co., Martins Ferry, Ohio
McKINNEY ironing boards—Tyrone Ironing Board Co., Tyrone, Pa.
McKINNON folding automobile seats — McKinnon Dash Co., Buffalo, N. Y.
McKINNON grease cups, valve re-seating machines—McKinnon Iron Works, Ashtabula, Ohio
McLANAHAN coal jigs—McLanahan-Stone Machine Co., Holidaysburg, Pa.
McLAUGHLIN lock-nuts & washers, flexible metallic conduits—Franklin Railway Supply Co., 30 Church, New York
McLEAN'E swastika carriage top dressing—McLean-Jones Oil & Supply Co., Inc., 40 Court, Boston, Mass.
McMAHON cable grips—Hallet Iron Works, Harvey, Ill.
McMAHON couplings, friction clutches & pulleys—McMahon & Co., Water, cor. Ledge, Worcester, Mass.
McMANUS track engines, track levels—Buda Co., Railway Exchange bldg., Chicago, Ill.
McMICHAEL'S improved viscosimeters—Elmer & Amend, 205 3rd av, New York
McMICKEN car wheel holders—Ransome Concrete Machy. Co., Dunellen, N. J.
McNAB chart room & engine revolution counters, indicating ship telegraph apparatus, marine clocks, whistle pulls, steamship draft gauges—McNab Co., Bridgeport, Conn.
McNAULL tires—McNaull Tire Co., Ohio bldg., Toledo, Ohio
McNUTT non-explosive can—McNutt Can Sales Co., inc., 83 Chambers, New York
McPARTLAND rail clutches—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
McSHANE ball cocks—McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
McSHERRY harrows, planting drills, seeders & sowers, shovel plows—Fetzer & Co., Springfield, Ill.
McVICAR engine oilers—Mine & Smelter Supply Co., 42 B'way, New York
McVICKER gasoline engines—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
McWHORTER peanut planters, potato planters, spring cotters—McWhorter Mfg. Co., Riverton, N. J.
McWILLIAMS metering panel boards—Geo. Cutter Co., South Bend, Ind.
MAAS carbonators—Maas Carbonator Co., 2228 Clybourn, Milwaukee, Wis.
MAAS seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
MABBS rawhide packing—Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
MABBS rawhide packing—Mabbs Hydraulic Packing Co., 42 Manhattan bldg, Chicago, Ill.
MABIR insulator pins—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
MAC brass oil cups—Wm. Powell Co., Cincinnati, Ohio
MACBETH lamp chimneys — Macbeth-Evans Glass Co., Pittsburgh, Pa.
MACCOLL spooler guides, bobbin holders — Draper Corp., Hopedale, Mass.
MACDONALD shaking grates—International Engineering Works, Framingham, Mass.
MACFARLANE switches & switchboards—Blake Electric Mfg. Co., 1 Rowes Wharf, Boston, Mass.
MacGREGOR golf balls—Crawford, McGregor & Conby Co., Dayton, Ohio
MACHINEBRONZE babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
MACHINELESS refrigerating machinery—Machineless Refrigerating Corp., 71H Jamaica av, Brooklyn, N. Y.
MACHMAN feed water purifiers—D. W. Patterson, Harrison bldg., Phila., Pa.
MAC-IT hollow set & cap screws—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
MACK motor fire engines—International Motor Co., 262 64th, New York
MACK stenographers' copy holders—Weber-Knapp Co., Jamestown, N. Y.
MAC-KAE BLITZ spark plugs — Randall-Faichney Co., Boston, Mass.
MACKENZIE gas exhausters—Isbell-Porter Co., 46 Bridge, Newark, N. J.
MACKIE & SONS flax machinery—Wm. Firth, 200 Devonshire, Boston, Mass.
MACKIN automobile oil gauges—Mackin Oil Gauge Co., 33 N. Foster, Worcester, Mass.
MACKINTOSH sugar centrifugals—S. S. Hepworth Co., 2 Rector, New York
MacLEAN dumping carts—MacLean & McCurdy, Dorchester, Boston, Mass.
MACNICHOLS brick paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
MACONITE insulated wire — Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
MACUNGLE pig iron—Empire Steel & Iron Co., Catasauqua, Pa.
MacPHERSON frogs, switches & crossings—Ramapo Iron Works, Hillburn, N. Y.
MacWHYTE wire rope & rope accessories—MacWhyte Co., Kenosha, Wis.
MADDENS deflecting automobile lenses—Madden Glass Co., Aberdeen, S. Dak.
MADDOCK closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
MADDOCK'S drinking fountains — Thos. Maddock's Sons Co., Trenton, N. J.
MADDOX mitreing machines—Maddox Machine Co., Jamestown, N. Y.
MADDRESS chain tongs—Union Tool Co., Torrance, Cal.
MADE RIGHT KNICKERBOCKER pullman driver motor luncheon cases—Knickerbocker Case Co., 230 N. Clinton, Chicago, Ill.
MADIERA grease cups—Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
MADISON shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
MADISON SQUARE automobile annunciators—Cowles, C., & Co., New Haven, Conn.
MADSEN automatic water heaters—Thermal Appliance Co., 420 W. 27th, New York
MAGEE boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
MAGEE steam heaters — Magee Furnace Co., 38 Union, Boston, Mass.
MAGENTIC gas stoves & radiators—Southard-Robertson Co., 25 Water, New York
MAGIC basin clamps—Glauber Brass Mfg. Co., 49th & Superior av, N. E., Cleveland, Ohio
MAGIC belt dressing, spray nozzle—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
MAGIC boiler compounds—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
MAGIC currycombs—F. E. Kohler Co., Canton, Ohio
MAGIC decarbonizer carbon removers—Hall-Thompson Co., Hartford, Conn.
MAGIC drill chucks, twist drill collets—Modern Tool Co., 300 State, Erie, Pa.
MAGIC drill grinders—National-Standard Co., Box 211, Niles, Mich.
MAGIC fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
MAGIC flour sieves—Wickwire Spencer Steel Corp., Worcester, Mass.
MAGIC hose menders—Hamblin & Russell Mfg. Co., Worcester, Mass.
MAGIC massage vibrators—Adam Fisher Mfg. Co., 3624 Enright, St. Louis, Mo.
MAGIC oil stoves — Taylor & Boggis Foundry Co., Cleveland, Ohio
MAGIC packing & hose—New York Belting & Packing Co., 91 Chambers, New York
MAGIC paint & varnish removers—Chicago White Lead & Oil Co., 1454 Southwestern av, Chicago, Ill.
MAGIC paint & varnish remover—Wadsworth-Howland & Co., 141 Federal, Boston, Mass.
MAGIC razor strops—L. W. Loveless Mfg. Co., Lafayette, Ind.
MAGIC SERVICE pipeless furnaces—Somerville Stove Wks., Somerville, N. J.
MAGIC sink cleaners—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
MAGIC SOLVENT paint & varnish remover—McPhee & McGinnity Co., Denver, Colo.
MAGIC splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MAGIC tire & axle shrinkers—South Bend Foundry Co., South Bend, Ind.
MAGIC vacuum cleaners—Innovation Electric Co., 585 Hudson, New York
MAGIC wall paper size—Cott-a-Lap Co., Somerville, N. J.

MAGIC water power washer—Blackstone Mfg. Co., Jamestown, N. Y.
MAGILL PATN. paper fasteners—Dennison Mfg. Co., 26 Franklin, Boston, Mass.
MAGNALITE airplane piston—Levett, Walker M. Co., 417-421 E. 23d, New York
MAGNELITE engine pistons—Walker M. Levett Co., 417 E. 23d, New York
MAGNESIA locomotive lagging—Johns-Manville, Inc., Madison av & 41st, New York
MAGNESITO sanitary flooring—Malott & Peterson, Inc., Monadnock bldg, San Francisco, Cal.
MAGNET blotting paper—Eaton-Dikeman Co., Lee, Mass.
MAGNET iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio
MAGNET lubricating oils & greases—Valvoline Oil Co., 11 Broadway, New York
MAGNET rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
MAGNET splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MAGNET steel for permanent magnets—Halcomb Steel Co., Syracuse, N. Y.
MAGNET stoves—Pittston Stove Co., Pittston, Pa.
MAGNETIC gas stoves & radiators—Southard-Robertson Co., Peekskill, N. Y.
MAGNETO packing—Randolph Brandt, 70 Cortlandt, New York
MAGNITE cold water paints—Flintkote Co., 88 Pearl, Boston, Mass.
MAGNO composition flooring & magnesite stucco—Artificial Bldg Products Co., Inc., Real Estate Exchange bldg, Detroit, Mich.
MAGNOLA talking machines—M. Schultz Co., 711 Milwaukee av, Chicago, Ill.
MAGNOLIA anti-friction metal, also babbitt metal—Magnolia Metal Co., 113 Bank, New York
MAGNOLIA cement—Southern Cement Co., Birmingham, Ala.
MAGNOLIA garden cultivators—Ohio Cultivator Co., Bellevue, Ohio
MAGNOLIA metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.
MAGNOLIA pantry sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MAGNOLIA sheet packing—Jenkins Bros., 80 White, New York
MAGNUM heating stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
MAGNUS conveyor belting, packing, rubber mats & hose—Hewitt Rubber Co., Buffalo, N. Y.
MAGYAR spade & shovel—Conneaut Shovel Co., Conneaut, Ohio
MAGYAR UNIONS mining machine shovels—Conneaut Shovel Co., Conneaut, Ohio
MAHECO hot water heat generators—Makin Heating Co., 1827 Filbert, Phila., Pa.
MAHLSTEDT multicolor press—Lisenby Mfg. Co., Fresno, Call.
MAHONEY drinking fountains—Myers & Mahoney Plumbing Co., Portland, Me.
MAHONING expanded metal & lath—Youngstown Presed Steel Co., Warren, Ohio
MAHONING expanded metal lath, iron & steel roofing, plasterers steel corner beads—Sharon Steel Hoop Co., Sharon, Pa.
MAHONY grate bars, shaking grates—Godfrey-Keeler Co., 70 Warren, New York
MAIER'S lacquer—John G. Maier's Sons, 153 N. Gay, Baltimore, Md.
MAIHAK engine indicators—Bacharach Industrial Instrument Co., Murtland & Bennett, Pittsburgh, Pa.
MAIL padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
MAIL padlocks—Slaymaker Lock Co., Lancaster, Pa.
MAIMIN electric cloth cutting machines—H. Maimin Co., 251 W. 19th, New York
MAIN LIGHT storage battery charging sets & elec. light plants—Main Elec. Co., Cleveland, Orio
MAINSAIL cordage & twines—Bibb Mfg. Co., Macon, Ga.
MAINSPRING wheat flour—Mennel Milling Co., Toledo, Ohio
MAJER garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
MAJESTIC clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
MAJESTIC coal chutes—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York.
MAJESTIC coal chutes, cistern covers, ash dumps, ash-pit doors & warm air furnaces—Majestic Co., Huntington, Ind.
MAJESTIC closets & lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
MAJESTIC electric furnaces & heaters—Majestic Electric Development Co., 656H Howard, San Francisco, Cal.
MAJESTIC flour sieves—Parker Wire Goods Co., Worcester, Mass.
MAJESTIC grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MAJESTIC oil & grease cup lubricators—Detroit Shipbuilding Co., ft Orleans, Detroit, Mich.
MAJESTIC SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
MAJIC spray nozzle—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
MAJOR barrel spray pump & whitewashing outfit—Deming Co., Salem, Ohio
MAJOR hog rings—Heesen Bros. Co., Tecumseh, Mich.
MAJOR hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
MAJOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MAJOR JONES spark plugs—Major E. Jones Motor Co., Detroit, Mich.
MAKE A MOTOR TRUCK truck units—Make A Motor Truck Co., 1508 Michigan av, Chicago, Ill.
MAKESTOCK WAYMORE kerosene tank heaters—Midland Supply Co., Davenport, Ia.
MALAY sheet packing—W. H. Salisbury & Co., 308 N Madison, Chicago, Ill.
MALIN'S carpet beaters—Malin & Co., 2514 Vestry av, N. W., Cleveland, O.
MALLERY farriers' hammers—Champion Tool Co., Meadville, Pa.
MALLORY'S IMPROVED shuter workers—Mallory Mfg. Co., Flemington, N. J.
MALSTA brewer's hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
MALT wood shovels—John Summer Faucet Co., 355 Central av, Newark, N. J.
MALTA hand carts, potato planters—Brown-Manly Plow Co., Malta, Ohio
MALTBY handcuffs & twisters—Mattatuck Mfg. Co., Waterbury, Conn.
MALTESE CROSS belting, hose, play pipes—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MALTESE CROSS gauge glasses—Bache, Semon & Co., 636 Greenwich, New York
MAMMOTH alarm clocks—Parker Clock Co., Meriden, Conn.
MAMMOTH corn & cob mills—Wolf & Co., Chambersburg, Pa.
MAMMOTH cotton seed hullers—Diamond Huller Co., Winona, Minn.
MAMMOTH dry earth closets—P. H. MaGirl Foundry & Furnace Works—Bloomington, Ill.
MANAHAN'S moth bags—Manahan Moth Paper Co., 372 Pearl, New York
MANARD frogs, switches & crossings—Bethlehem Steel Co., So. Bethlehem, Pa.
MANCHESTER battery motors—Davis Kendrick Co., Lebanon, N. H.
MANCHESTER pantry sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MANCO ironing machines, bolt clipper, cattle dehorners, etc)—Mann Corp., 72 W. Adams, Chicago, Ill.
MANCO waterproofing materials—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
MANDARIN suction hose—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
MANDARINE belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
MANDT farm wagons—Mandt Wagon Co., Stoughton, Wis.
MANDT farm wagons & sleds—Moline Plow Co., Moline, Ill.
MANDT wagon dump boxes—American Cement Machine Co., Keokuk, Ia.
MANEHARDT strawberry hullers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MANEST hot air clothes dryers, hot air furnaces—John E. Mannen Co., 2247 St. Clair, Cleveland,
MANGANESITE pipe joint compound—Williams & Wells Co., Imp., 253 Fulton, New York
MANGANITE alloy rolls—Mackintosh-Hemphill Co., 12th & Etna, Pittsburgh, Pa.
MANHATTAN alum size—Manhattan Color Works, 1035 Kelly, New York
MANHATTAN arc lamps—Buckeye Electric Works of G. E. Co., 1806 E. 45th, Cleveland, O.
MANHATTAN dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
MANHATTAN gas stoves—Manhattan Gas Heating Co., 909 7th av, New York
MANHATTAN life saving nets—Combination Ladder Co., 366 Fountain, Providence, R. I.
MANHATTAN medical batteries—Manhattan Electric Supply Co., 17 Park pl, New York
MANHATTAN packing—Greene, Tweed & Co., 109 Duane, New York
MANHATTAN rail joints—Elyria Iron & Steel Co., 232 E. 131st, Cleveland, O.
MANHATTAN rail joints—Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
MANHATTAN range boilers—Hayes Mfg. Co., Paterson, N. J.
MANHATTAN steam & hot water heaters—Mackay Mfg. Co., 234 Water, New York
MANHATTAN step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York
MANHATTAN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
MANHATTAN water filters—Loomis-Manning Filter Distributing Co., 1421 S 37th, Phila., Pa.
MANIERRE box car loaders—Link-Belt Co., 329 W. 39th, Chicago, Ill.
MANIERRE box car loaders—Manierre Engineering & Mach. Co., Colby-Abbott bldg, Milwaukee, Wis.
MANILA packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
MANIPLEX sewing machines—L. F. Fales, Walpole, Mass.
MANLEY gas engines—United Engine & Mfg. Co., Hanover, Pa.
MANLEY HILITE portable cranes—United Engine & Mfg. Co., Hanover, Pa.
MANN root cutters—F. W. Mann Co., Milford, Mass.
MANN spreader cars, round house smoke jacks—Mann-McCann Co., Fisher bldg., Chicago, Ill.
MANNING rail benders—Verona Tool Works, Dept. H, Oakmont, Pa.
MANNING tubular boilers—Portland Co., Portland, Maine
MANNING vertical boilers—Bigelow Co., New Haven, Conn.
MANN-STEVENSON can testing machines—Stevenson & Co., 607 S. Caroline, Baltimore, Md.
MANN'S axes—Mann Edge Tool Co., Lewistown, Pa.
MANN'S bone mills—F. W. Mann Co., Milford, Mass.
MANN'S IMPROVED bone mills—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.

MANROSS hair springs—F. N. Manross & Sons, Forestville, Conn.
MANSBRIDGE telephone condensers—Electric Specialty Co., Cresco, Ia.
MANSFIELD babbitt metal—Pittsburgh Brass Mfg. Co., Penn. & 32d, Pittsburgh, Pa.
MANSFIELD ball cocks—Acheson Mfg. Co., Rankin, Pa.
MANSFIELD grate bars—Wm. E. Rider & Co., Mansfield, Mass.
MANSFIELD lock washer—Mansfield Lock Washer Co., Mansfield, Ohio
MANSFIELD rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
MANSFIELD trolley wire clamps—Ohio Brass Co., Mansfield, O.
MANSON gasoline arc lamps—American Gas Machine Co., Albert Lea, Minn.
MANSON insulating & protecting tape—Okonite Co., Passaic, N. J.
MANTACO unions—McMann & Taylor Co., 104 John, New York
MANUFACTURERS fire sprinklers—Automatic Sprinkler Co. of America, 127 William, New York
MANUFACTURING AUTOMATIC chucking machines—Potter & Johnston Machine Co., Pawtucket, R. I.
MANUMOTOR manual rowboat motors—Manumotors Co., Manitowoc, Wis.
MANZEL oil pumps—Paul B. Huyette Co., 5H S 18th, Phila., Pa.
MANZEL sight feed lubricators—Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.
MAPLE LEAF carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
MARATHON belting—B. F. Goodrich Co., Akron, Ohio
MARATHON endless abrasive discs—T. P. Walls Tool & Supply Co., 75 Walker, New York
MARATHON leather belting—R. H. Hood Co., 1842 Germantown av, Philadelphia, Pa.
MARATHON lubricating oils & greases—J. H. Weinberg Co., 150 Madison av, New York
MARATHON maple flooring—Ward Bros., Big Rapids, Mich.
MARATHON rubber tires—Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio
MARATHON spinning tops—Huntington-Scott Co., 62 E. Prescott, Columbus, Ohio
MARATHON MILLS—Crushing & pulverizing—Marathon Mill & Machinery Works, 38 S. Dearborn, Chicago, Ill.
MARBLE gun rod tools, hunters' axes, pocket screwdrivers, trout nippers—Marble Arms & Mfg. Co., Gladstone, Mich.
MARBELITE celluloid signs—Cavanagh Bros. & Co., 89 Warren, New York
MARBLELOID cork tile—Marbleoid Co., 47 W. 34th, New York
MARBLICA cleaning compounds—India Alkali Works, 28 India Wharf, Boston, Mass.
MARBLOID wall finish—Yarnall Paint Co., 1026 Race, Phila., Pa.
MARBORO lavatories & fittings—Sanitas Co., 105 Washington, Boston, Mass.
MARBURG-LUCIFER bicycle & electric auto lamps—Marburg Bros., 90 West, New York
MARCHAND cable clamps, conduit fittings, mine car fittings—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
MARCHANT calculating machines—Marchant Calculating Machine Co., Oakland, Cal.
MARCO rubber water bottles—Star Rubber Co., Akron, Ohio
MARCO-VANADIUM chisel blanks—Geo. F. Merchant Co., 1420 S. Rockwell, Chicago, Ill.
MARCY mills & pulverizing machy.—Mine & Smelter Supply Co., 42H B'way, New York
MARCY screw drivers—Geo. H. Wilkins Co., 180 W. Market, Chicago, Ill.
MARIETTA farm wagons—Ohio Valley Wagon Co., Marietta, Ohio
MARINE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARINE leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
MARINE MOTOR gas & gasoline engine—Wright Machine Co., 405 E 2nd, Owensboro, Ky.
MARION blow torches—Hine-Watt Mfg. Co., Chicago, Ill.
MARION brick cutting machinery—H. Martin Brick Mach. Mfg. Co., Lancaster, Pa.
MARION flue cleaners, brick cutting machines & shaking grates—Marion Machine, Foundry & Supply Co., Marion, Ind.
MARION HARLAND coffee percolators—Silver & Co., 304 Hewes, Brooklyn, N. Y.
MARITIMO acid tank lining & waterproofing compounds—Universal Coatings Corp., 104 Broad, New York
MAR-JO-REY toilet soap—Wags Chemical Co., 312 W Jackson av, Knoxville, Tenn.
MARK unions—Mark Mfg. Co., Evanston, Ill.
MARK-A-LINE show card inks—Carter's Ink Co., E. Cambridge, Boston, Mass.
MARKDOWN clothes lines—Estes Mills, Falls River, Mass.
MARKOE envelope sealing machines—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
MARKWELL stencils & rubber & steel stamps—Henry Moss & Co., Inc., 192½ Beaver, New York
MARKWELL typewriter ribbons—Frank Bayer Co., 119 Lafayette, New York
MARLO electric bells— P R Mfg. Co., Detroit, Mich.
MARMOLITE roofing tile—Powell M. W. Co., 140 S Dearborn, Chicago, Ill.
MARMOR lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
MARNILE cutting oils—Geo. A. Haws, 135 Front, New York.
MAROA spring tooth harrows—Maroa Mfg. Co., Maroa, Ill.
MAROLITE electric lighting systems — Central Electric Co., 320 S. 5th av, Chicago, Ill.
MARQUETTE blast furnaces—Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
MARQUETTE cement—Marquette Cement Mfg. Co., La Salle, Ill.
MARQUETTE luggage carriers—Marquette Mfg. Co., Inc., Endicott bldg, St. Paul, Minn.
MARS padlock locks—U. S. Lock Hdwe. Co., Columbia, Pa.
MARS sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARSAUT miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
MARSEILLES corn & cob mills & portable grain elevators—Marseilles Works of Deere & Co., East Moline, Ill.
MARSH PAUL vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
MARSH BLAST vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
MARSHALL bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MARSHALL blast furnaces—F. W. Marshall & Co., Penn. bldg, Phila., Pa.
MARSHALL corn cribs—Iron Crib & Bin Co., Wooster, Ohio
MARSHALL corn cribs—Pioneer Mfg. Co., Middlebury, Ind.
MARSHALL fire hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
MARSHALL furniture polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.
MARSHALL'S linemen's shields—Linemen Protector Co., Penobscot bldg., Detroit, Mich.
MARSH-AYER mitre boxes—Millers Falls Co., Millers Falls, Mass.
MARSHFIELD soapstone laundry tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MAR-STUN dry batteries—Bright Star Battery Co., 316 Hudson, New York
MARTELL metallic packing—Martell Packings Co., Inc., The, Elyria, Ohio
MARTELL reamers—Taft-Peirce Mfg. Co., Woonsocket, R. I
MARTEN fire extinguishers, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
MARTIN automobile accessories—Martin Auto Specialty Co., Lancaster, Ohio
MARTIN automobile truck trailers—Martin Carriage Works, York, Pa.
MARTIN bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
MARTIN fishing reels—Martin Automatic Fishing Reel Co., Mohawk, N. Y.
MARTIN grate bars—Martin Grate Co., Fisher bldg., Chicago, Ill.
MARTIN lumberman's hooks—Lufkin Foundry & Machine Co., Lufkin, Texas
MARTIN marking machines—Martin Machine Co., Turners Falls, Mass.
MARTIN portable vise stands & pipe bender—H. P. Martin & Sons, Dept. H, Owensboro, Ky.
MARTIN road machines & graders—International Ditching & Road Mach'y Co., Owensboro, Ky.
MARTIN shock absorbers—Halliwell Bros., 317 W. Pico, Los Angeles, Cal.
MARTIN valve controllers—Beaumont Iron Works Co., Beaumont, Texas
MARTIN'S door hangers—S. B. Martin, Dalton, Ohio
MARTIN'S fishing reels—Martin Automatic Fish Reel Co., Ilion, N. Y.
MARTIN'S flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
MARTIN'S glue—International Glue Co., 201 Devonshire, Boston, Mass.
MARTIN'S FERRY pig iron—Wheeling Steel & Iron Co., Wheeling, W. Va.
MARVEL adjustable shower drainage traps—Detroit Marvel Brass Mfg. Co., 332 River rd, Detroit, Mich.
MARVEL blowers, electric exhausters & ventilating fans—Electric Blower Co., 350 Atlantic av, Boston, Mass.
MARVEL boiler compounds—Kuhne-Libby Co., 51 Front, New York
MARVEL carbureters, gasoline strainers—Marvel Carburetor Co., Flint, Mich.
MARVEL furniture polish—Wilbur C. Perkins Co., 831 N. Wood, Chicago, Ill.
MARVEL hack saw machines, portable grinders, portable punches, rod cutters—Armstrong-Blum Mfg. Co., 337 N. Francisco av, Chicago, Ill.
MARVEL oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARVEL stove toasters—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
MARVEL thermostats, heat regulators & valves—American Thermostat Co., 226 Jelliff av, Newark, N. J.
MARVEL water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
MARVEL water supply system—Deming Co., Salem, Ohio
MARVELO air drill hose, braided hose, chemical engine hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MARKOFF scrapers—U. S. Bottlers' Machinery Co., 2511 Park av, Chicago, Ill.
MARYLAND garden spades—Indiana Shovel Co., New Castle, Ind.

MASCO automobile trunks, trunk racks, storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MASCOT corn huskers—L. F. Clark Mfg. Co., 169 N. Jefferson, Chicago, Ill.
MASCOT dry batteries—J. H. Bunnell & Co., 32 Park pl, New York
MASCOT enameling ovens—American Enamel Co., Providence, R. I.
MASCOT grease cups—Wm. Powell Co., Cincinnati, Ohio
MASCOT spelter—American Zinc, Lead & Smelting Co., 120 B'way, New York
MASCOT x-ray tubes—Green & Bauer, Hartford, Conn.
MASDA dry batteries—Fred. D. Harper, Everett, Mass.
MASON automobile tire trunks—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MASON car steps & treads—American Mason Safety Tread Co., Lowell, Mass.
MASON celery hillers, plow clevises, wrenches—F. C. Mason & Co., St. Johns, Mich.
MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
MASON insulating tape—Okonite Co., 501 5th av, New York
MASON rubber tires—Mason Tire & Rubber Co., Kent, Ohio
MASON safety stair treads—American Mason Safety Tread Co., Lowell, Mass.
MASON steam meters—Plant Engineering & Equipment Co., Inc., 192H B'way, New York
MASON steam specialties—Mason Regulator Co., 1192 Adams, Boston, Mass.
MASON'S steel pens—W. L. Mason & Co., Keene, N. H.
MASON CHAMPION wire fences & gates—Mason Fence Co., Leesburg, Ohio
MASON-JAGER air compressors, oil engines—Chas. J. Jager Co., 15 Custom House, Boston, Mass.
MASONS hygrometers—Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
MASS. TOOL CO. machinist tools—Goodell-Pratt Co., Greenfield, Mass.
MASSACHUSETTS STANDARD fusible plugs—Boston Brass Co., 135 Bacon, Waltham, Mass.
MASSASOIT belt lacing—Holyoke Belting Co., Holyoke, Mass.
MASSASOIT rubber hose—National India Rubber Co., Bristol, R. I.
MASSCO clay goods & pulverizers—Mine & Smelter Supply Co., 42 B'way, New York
MASSETH'S oil well packers—Masseth Packer & Machine Co., Butler, Pa.
MASSILLON drop hammers, single & double frames, hammers, punching &, shearing machines & presses—Massillon Foundry & Mach. Co., Massillon, Ohio
MASSILLON feed water heaters & purifiers, steam heaters—Griscom-Russell Co., 92 West, New York
MASSILLON traction engines—Russell & Co., Massillon, Ohio
MASTER air compressors, automatic pumps, spark plugs—Hartford Machine Screw Co., Hartford, Conn.
MASTER folding rules—Master Rule Mfg. Co., Inc., 841 E 136th, New York
MASTER pipeless furnaces—Tubular Htg. & Ventg. Co., 232H Quarry, Phila., Pa.
MASTERCLOCK automobile pneumatic clocks—Hahl Automatic Clock Co., 2644 N. Maplewood av, Chicago, Ill.
MASTERPIECE pipe wrenches—Bonney Forge & Tool Works, Allentown, Pa.
MASTERPIECE razors—C. Klauberg & Bros., Woolworth bldg, New York
MASTERTONE talking machines—Phelps Factories, Columbus, Ohio
MASTER WORKMAN alcohol engines—Temple Pump Mfg. Co., 22nd & S. 54th, Chicago, Ill.
MASTERS transplanters & plant setters—Masters Planter Co., 229H N State, Chicago, Ill.
MASTIC asphalt—Byerly & Sons, 2489 W. 4th, Cleveland, Ohio
MASTIC tire cements—Michelin Tire Co., Milltown, N. J.
MATADOR spark plugs—Matador Tire & Vulcanizing Co., 1400 Michigan av, Chicago, Ill.
MATCHAMS coal dryers—Fuller Engineering Co., Allentown, Pa.
MATCHLESS box openers, adjustable hack saw frames & coping saws & screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
MATCHLESS clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
MATCHLESS clover hullers—Aultman & Taylor Machinery Co., Mansfield, Ohio
MATCHLESS electric gas lighter—Safety Gas Lighter Corp., Roanoke, Va.
MATCHLESS hypodermic syringes—Randall-Faichney Co., Boston, Mass.
MATCHLESS lawn mowers—Dille & McGuire Co., Richmond, Ind.
MATCHLESS lawn mowers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
MATCHLESS lawn mowers—S. P. Townsend & Co., Orange, N. J.
MATCHLESS liquid gloss furniture polish—Standard Oil Co. of N. Y., 555 W. 25th, New York
MATCHLESS paste polish—Matchless Metal Polish Co., 151 Varick, New York
MATCHLESS pipe threaders—Oster Mfg. Co., 2057 E. 61st pl., Cleveland, O.
MATCHLESS radiators—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
MATCHLESS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
MATHER pipe protectors—Paul B. Huyette Co., 5H S 18th, Phila., Pa.
MATHER Vanadium automobile springs—Mather Spring Co., Toledo, Ohio
MATHER wool finishing mach'y—Leigh & Butler, 232 Summer, Boston, Mass.
MATHER CRESCENT automobile springs—Mather Spring Co., Toledo, Ohio
MATHER & Platt dyeing machinery—Leigh & Butler, 232 Summer, Boston, Mass.
MATHEWS guy anchors, clamps, fuse switches & spray gums—W. N. Matthews & Bro., Inc., 2922 Easton av., St. Louis, Mo.
MATSON SAFETY metal cutting off machines—Matson Machine Co., Concord, N. H.
MATTATUCK handcuffs & wire link fabrics—Mattatuck Mfg. Co., Waterbury, Conn.
MATTE enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
MATTHEWS electric lighting systems—Matthews Engineering Co., Sandusky, Ohio
MATTHEWS photometers—Foote-Pierson & Co., 160 Duane, New York
MATTHEWSON sand blast equipment—Tilghman Brookshank Sand Blast Co., 1126 S 11th, Phila., Pa.
MATRIX asphalt mastic—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
MAUD S. farriers' hammers, pincers—Champion Tool Co., Meadville, Pa.
MAUMEE drag road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
MAURETANIA closets—Crane Co., 836 S Michigan av, Chicago, Ill.
MAVASCO steel sheets—Mahoning Valley Steel Co., Niles, Ohio
MAX sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York
MAXBAR cornices & skylights—Central Sheet Metal Works, 260 E. 78th, New York
MAXCO seat operated water closets—Climax Sanitary Co., 1167 E. Jefferson, Detroit, Mich.
MAXCO water closets & closet seats—Sherwood Brass Wks., Detroit, Mich.
MAXECON mills & sample ore grinders—Kent Mill Co., 10H Rapelyea, Brooklyn, N. Y.
MAXFER truck units—Maxfer Truck & Tractor Co., Harvey, Ill.
MAXI carbureters—Maxi Co., 114 W. 30th, New York
MAXI MILL boring & turning vertical machines—Bullard Machine Tool Co., Bridgeport, Conn.
MAXIM cook stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
MAXIM gasoline burners—Theo. Clough, Dobby Ferry, N. Y
MAXINE metal polish—Rexine Company, Sheboygan, Wis.
MAXON stone lever jacks—Maxon Miller Jack Co., Huntington, W. Va.
MAXON-MILLER lever jacks—Maxon-Miller Jack Co., Huntington, W. Va.
MAX STADT wire connectors—Chicago Die & Machine Works, 415 N. Carpenter, Chicago, Ill.
MAXWELL envelope sealing machines—Marrow-Ulrich-Maxwell, Cleveland, Ohio
MAYARI track bolts—Bethlehem Steel Co., South Bethlehem, Pa.
MAYBRO phonographs, bicycles & grist mills—Maybro Co., 80H Exchange, Binghamton, N. Y.
MAYD-WELL shaving brushes—Mayd-Well Brush Co., Troy, N. Y.
MAY EUREKA nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MAY FLOWER lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
MAYFLOWER lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
MAYHEW mitre boxes—H. H. Mayhew Co., Shelburne Falls, Mass.
MAY MEADOWS blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va
MAYMONT self-oiling pulleys—McMaster-Carr Supply Co., 174 N. Market, Chicago, Ill.
MAYO auto radiator—Mayo Radiator Co., S. Boulevard & 143d, New York
MAYO tire pump connections—Mayo-Skinner Mfg. Co., 2115 Elston av, Chicago, Ill.
MAYS epsom salts—P. Van Schaack & Sons, 118 W Lake, Chicago, Ill.
MAY'S salamanders—Eagle Iron Works, 850 DeKalb av, Brooklyn, N. Y.
MAYTAG clothes washing machines—Maytag Co., Newton, Ia.
MAYVILLE blast furnace—Northwestern Iron Co., 1st National Bank bldg, Milwaukee, Wis.
MAYWOOD hose—Hewitt Rubber Co., Buffalo, N. Y.
MAXF grinding wheels—Maxf Grinding Wheel Corp., Chester, Mass.
MAXON stone lever, jacks—Maxon-Miller Jack Co., Huntington, Va.
MAXWELL concrete reinforcing bars—Lackawanna Steel Co., Buffalo, N. Y.
MAYWOOD bath water heaters—August T. Kronquist, Maywood, Ill.
MAZDA incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
MAZOLA vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
MEA magnetos—Marburg Bros., 90 West, New York
MEADOW KING hay carriers—J. E. Porter Co., Ottawa, Ill.
MEADOW MILLS feed grinding mills—International Harvester Co. of America, Inc., Harvester bldg., Chicago, Ill.
MEADOW MONARCH hoes—Union Fork & Hoe Co., Columbus, O.
MEADOW QUEEN hay carriers—J. E. Porter Co., Ottawa, Ill.

MEADOWS pitless scales & clothes washing machines —Meadows Mfg. Co., Pontiac, Ill.
MEAKER complete galvanizing plants—Meaker Co., 1243 Fulton, Chicago, Ill.
MECCA corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
MECCA grease cups—Wm. Powell Co., Cincinnati, Ohio
MECCA axle grease—Reliance Oil & Grease Co., Cleveland, Ohio
MECHANICS drilling machines—Rockford Drilling Machine Co., Rockford, Ill.
MECHANICS' gasoline engines—Mechanics' Fdy. & Machine Co., Fall River, Mass.
MECHANICS HALL automobile annunciators—Cowles, C., & Co., New Haven, Conn.
MECHANICS PRIDE hand soap—Git Mfg. Co., Westfield, Mass.
MECHANICS' SPECIAL hand power tool sharpeners —Luther Grinder Mfg. Co., 285 S. Walter, Milwaukee, Wis.
MEDART lockers, shelving, etc.—Fred Medart Mfg. Co., St. Louis, Mo.
MEDIA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
MEDICUS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
MEDIO baths—Crane Co., 836 S Michigan av, Chicago, Ill.
MEDUSA cements & waterproofing materials—Sandusky Cement Co., Engineer's bldg, Cleveland, Ohio
MEECO steel factory equipment—Manufacturing Equipment & Engng. Co., Framingham, Mass.
MEEK bread ovens, broilers, tea urns, peanut roasters—Meek Oven Mfg. Co., Newburyport, Mass.
MEEKER automatic elevator doors—Hanke Iron & Steel Works, 800 N. Albany av, Chicago, Ill.
MEEKER fire proof doors—S. H. Harris Co., 2424 W. 22d, Chicago, Ill.
MEEKER fireproof doors—R. J. Ross Mfg. Co., 4241 Ogden av, Chicago, Ill.
MEEKER'S harrows & pulverizers — C. O. Jelliff Mfg. Corporation, Southport, Conn.
MEFCOLITE electric fixtures—H. G. McFaddin & Co., 38 Warren, New York
MEGGER ohmeters—James G. Biddle, 1211 Arch, Phila., Pa.
MEHCO winches & windlasses & marine hardware—Marine Hardware-Equipment Co., So. Portland, Maine
MEILINK filing safes—Meilink Steel Safe Co., Toledo, Ohio
MEISSELBACH fishing reels—General Phonograph Corp., 25 W. 45th, New York
MELIBITE glass shades—Gillender & Sons (Inc.), State & Deveraux, Phila., Pa.
MELLOR nail pullers—Mellor Box Opener Co., Sedalia, Mo.
MELTAWAY paint & varnish remover—A. Wilhelm Co., Reading, Pa.
MELROSE car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
MELROSE fibre matting — New England Rug Co., Lawrence, Mass.
MELROSE lawn mowers—F. & N. Mower Co., Richmond, Ind.
MELVILLE'S anti-rust—F. L. Melville, Bayonne, N. J.
MEMIPHONE electric toys—Russell Electric Co., Danbury, Conn.
MEMPHI cold water paints—De Soto Paint Mfg. Co., Memphis, Tenn.
MENDOTA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.
MENITONE flat wall paint—C. A. Woolsey, Paint & Color Co., 490 Grand, Jersey City, N. J.
MENLO steam heaters—H. B. Smith Co., Westfield, Mass.
MENO rust remover—Peter A. Frasse & Co., Inc., 417 Canal, New York
MENSHA shipping case seals—Mensha Wooden Ware Co., Mensha, Wis.
MEPHISTO auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
MERCANTILE addressing machinery—Challenge Machinery Co., Grand Haven, Mich.
MERCANTILE fountain pens—Aiken Lambert Co., 162H Front, New York
MERCEDES lubricating oils & greases—C. F. Sweet, Hartford, Conn.
MERCER belting—Mercer Rubber Co., Hamilton, N. J.
MERCER reclaimed rubber—American Rubber Reclaiming Co., Gtn., Phila., Pa.
MERCER steam heaters—H. B. Smith Co., Westfield, Mass.
MERCHANT clothes lines—Estes Mills, Fall River, Mass.
MERCHANT'S old method roofing tin—Merchant & Evans, Washington av & 21st, Phila., Pa.
MERCK'S chemical re-agents—Merck & Co., 45 Park pl, New York
MERCO NORDSTROM plug valves—Merrill Co., 121H 2nd, San Francisco, Calif.
MERCURY belting—Republic Rubber Co., Youngstown, Ohio
MERCURY fuel level indicators—Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
MERCURY plumb bobs—Brown & Sharpe Mfg. Co., Providence, R. I.
MERCURY typewriter ribbons—Mercury Mfg. Co., Rochester, N. Y.
MERIAM gas engine indicators—Meriam Co., Meriam bldg., Cleveland, O.
MERIMAN inclinable presses—Meriden Press & Drop Co., Meriden, Conn.
MERINO flax packing—H. Johnson Co., ft. of Gates av, Jersey City, N. J.
MERIT carbon paper, typewriter ribbons — E. A. Brecher Co., 119 Lafayette, New York
MERIT veneer drying machines—Merritt Mfg. Co., Lockport, N. Y.
MERITAS oil cloth—Standard Oil Cloth Co., 320 Broadway, New York
MERITORIOUS metal polish—Monroe Specialty Co., 6 Dover, New York
MERMAID belting, belt cements—Hudson Belting Co., 3 Eaton pl., Worcester, Mass.
MERMAID dish washer—Mermaid Dish Washer Co., Middletown, Conn.
MERRELL pipe cutting & threading machines—Merrell Mfg. Co., 278 Curtis, Toledo, Ohio
MERRICK wrenches—Bemis & Call Hardware & Tool Co., Springfield, Mass.
MERRILL slime filters—Merril Co., 121 2nd, San Francisco, Cal.
MERRILLITE clarifying filters & slime classifiers—Merrill Co., 121 2nd, San Francisco, Cal.
MERRIMAC belting, packing, rubber hose—Empire Tire & Rubber Corp., Trenton, N. J.
MERRIMAC enamels—Jenkins Paint & Oil Co., Norfolk, Va.
MERRIMAC foot presses—Meriden Press & Drop Co., Meriden, Conn.
MERRIMAC hand carts—Frank J. Aubeuf, Oneida, N. Y
MERRIMAC reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
MERRIMAN asphalt mixers—East Iron & Machine Co., 351 E. Market, Lima, Ohio
MERRIMAN bolt cutting machines—H. B. Brown Co., East Hampton, Conn.
MERRIMAN drop hammers, presses, spinning lathes —Meriden Press & Drop Co., Meriden, Conn.
MERRIMAN stone gang sawing machines—Lincoln Iron Works, Rutland, Vt.
MERRITT automatic sewage siphons—Albert Priestmann, 328 Chestnut, Phila., Pa.
MERRITT flush tanks, sewage siphons, sewage disposal outfits — Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
MERRITT steel lockers, steel shelving—Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
MERRITT wire hooks—F. M. Merritt, Penn Yann, N. Y
MERROW sewing machine — Merrow Machine Co., Hartford, Conn.
MERRY GARDEN lawn mowers & cultivators—Atlantic Machine & Mfg. Co., 429 W Prospect av, Cleveland, Ohio
MERSHON glass insulators—Brookfield Glass Co., 2 Rector, New York
MERSHON steam heaters—Mershon Patent Shaking Grate Works, Philadelphia, Pa.
MESCO time switches, battery connectors, dry batteries, spark plugs—Manhattan Electrical Supply Co., 17 Park pl, New York
MESCOLITE electrical lanterns—Manhattan Electrical Supply Co., 170 Park pl, New York
MESSINGER gas engines—Messinger Mfg. Co., Tatamy, Pa.
METAFIFE paints—John Lucas & Co., 322 Race, Phila., Pa.
METAL coat roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
METALBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
METALCASE magnesite brick—Phoenix Iron Co., 22 S. 15th, Phila., Pa.
METALINE brass bushings & oilless bearings—Metaline Co., West av, Long Island City, N. Y.
METAL PRINCE packing manufacturers—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
MET-ALL water closets—Columbus Brass Co., Columbus, Ohio
METALLO asbestos gaskets—Metallo Gasket Co., New Brunswick, N. J.
METALLO packing—A. W. Chesterton Co., 64 India, Boston, Mass.
METAL LUMBER metal studs—Berger Mfg. Co., Canton, Ohio
METALSHINE metal polish—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
MET-AL-SHINE polish—Richmond Bros., 616 Main, Cincinnati, Ohio
METALSTEEL paints & metal surfaces—St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
METCALF laundry machinery—Stubbins Mfg. Co., 1737 Blake, Dencer, Colo.
METEOR alcohol stoves—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.
METEOR dynamite—du Pont de Nemours & Co., E. I., Wilmington, Del.
METEOR ignition wire—H. Baker & Co., Inc., 101 Duane, New York
METHOT carburetors—Dow Mfg. Co., Braintree, Mass.
METILE enameled metal tile — Stengel Bros. Co., Thompson & Chrtrs, Pittsburgh, Pa.
METLA-COTA boiler compounds—State Mfg. Co., 3545 E. 76th, Cleveland, Ohio
METLSKIN boiler compounds—Metlskin Co., Inc., 61 Elizabeth, New York
METO BRIGHT metal polish—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
METRIC packing—Metric Packing Co., 244 Kensington av, Buffalo, N. Y.
METROPOLITAN argand burners—Precision Instrument Co., 21 Halsey, Newark, N. J.
METROPOLITAN cable joints, electric cable hangers, electric current taps, expansion plugs—Yonkers Specialty Co., Yonkers, N. Y.
METROPOLITAN fire hose—N. J. Car, Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

METROPOLITAN flint paper—R. J. Waddell & Co., 52 Beekman, New York
METROPOLITAN injectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
METROPOLITAN injectors & ejectors—United Injector Co., 119 W 40th, New York
METROPOLITAN switches — Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
METROPOLITAN wire test connectors—Cameron Appliance Co., Everett, Mass.
MEXOLINE liquid polish—Matchless Metal Polish Co., 151 Varick, New York
MEYERS automatic boiler skimmers—Manchester Mfg. Co., North Manchester, Ind.
MEYERS cement—Harrison Supply Co., 209 Washington, Boston 9, Mass.
MEYERS putz cream metal polish—American Metal Polish Co., West Somerville, Mass.
MEZEN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
MHECO connecting links—Marine Hardware Equipment Co., S Portland, Me.
MIA HEALA chair seats—Capital Seat & Novelty Co., 369 3d av, New York
MIAMA harrows & pulverizers—Ohio Rake Co., Dayton, Ohio
MIAMI automobile truck trailers—Miami Trailer Co., Troy, Ohio
MIAMI bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
MIAMI enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
MIAMI gas engines—Willard Middletown Machine Co., Covington, Ky.
MIAMI lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
MIAMI oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIAMI wall ties—American Rolling Mill Co., Middletown, Ohio
MIA PARA packing—Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
MICA axle grease—Standard Oil Co. of New York, 555 W. 25th, New York
MICABOUND mica—Chicago Mica Co., Valparaiso, Ind.
MICADAMITE mica mfr.—Melrowsky Bros., Jersey City, N. J.
MICALITE mica chimneys—Eugene Munsell & Co., 68 Church, New York
MICANITE mica & insulating paper & washers—Mica Insulator Co., 58 Church, New York
MICASMITHS insulating cloth & tape—Mica Mfg. Co., 135 Jackson, Brooklyn, N. Y.
MICHELIN rubber tires—Michelin Tire Co., Milltown, N. J.
MICHIGAN bean cultivators—Moline Plow Co., Moline, Ill.
MICHIGAN beet diggers—Bucher & Gibbs Plow Co., Canton, Ohio
MICHIGAN boiler injectors—Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
MICHIGAN cash registers—Michigan Machine Co., 85 Porter, Detroit, Mich.
MICHIGAN cement—Michigan Portland Cement Co., Chelsea, Mich.
MICHIGAN desk & dock hoists—Michigan Dredge Co., Bay City, Mich.
MICHIGAN monel metal, wire cloth—Michigan Wire Cloth Co., 500 Howard, Detroit, Mich.
MICHIGAN oil & grease cups, lubricators, gauges, valves—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
MICHIGAN squaring shears—Michigan Press Co., Ypsilanti, Mich.
MICHIGAN water filters—Everson Filter Co., 70 W Lake, Chicago, Ill.
MICHIGAN wood pipe—Michigan Pipe Co., Bay City, Mich.
MICO insulating tape—Mica Insulator Co., 68 Church, New York
MICO square flax packing—Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
MICRO piston rings—Micro Piston Ring Co., 116 Nassau, New York
MICRO-GROUND machine knives—Coes, Loring & Co. (Inc.), Worcester, Mass.
MICROPHO telephones, audiphones & detectagraphs —G. Boissonault Co., 26 Cortlandt, New York
MICROPHONE batteries—J. H. Bunnell & Co., 32 Park pl, New York
MIDCO cement coated wire nails—Middleton Nail Works, 911 Callowhill, Phila., Pa.
MIDDLE BUSTER breaking plows—Eagle Mfg. Co., Kansas City, Mo.
MIDDY engine lubricators—Wm. Powell Co., Cincinnati, Ohio
MIDGET can openers—Ira F. White & Son, Bloomfield, N. J.
MIDGET card tables—E. T. Burrowes Co., Portland, Maine
MIDGET flush plugs, fuse rosettes—Arrow Electric Co., Hartford, Conn.
MIDGET lawn sprinkler—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
MIDGET garden weeders—C. S. Norcross & Sons, Bushnell, Ill
MIDGET lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
MIDGET oil pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
MIDGET push buttons—Edwards & Co., 140th & Exterior av, New York.
MIDGET safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIDGET saw punches—Henry Disston & Sons, Tacony, Phila., Pa.
MIDGET shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
MIDGET water tube boilers where small power is required, 2 to 5 H. P. sizes—815 Larrabee, Chicago, Ill.
MIDGET yarn hand dusters—Universal Brush Co., 181 Quincy, Chicago, Ill.
MIDGLEY'S hand cards—Howard Bros. Mfg. Co., Worcester, Mass.
MIDLAND ring oilers—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
MIDLAND shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
MIDVALE linoleum—Geo. W. Blabon Co., Nicetown, Phila., Pa.
MIDVALE steel—Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
MIETZ kerosene oil engines—August Mietz Corp., 430 E. 19th, New York
MIGNON lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MIKADO grease cups—Wm. Powell Co., Cincinnati, Ohio
MIKADO razors—F. A. Clauberg & Co., 27 Park pl New York
MIKADO roofing—Flintkote Co., 88 Pearl, Boston, Mass.
MIKADO yellow cotton belting—H. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
MIKKOLA concrete shovels—Conneaut Shovel Co., Conneaut, Ohio
MILBURN automobiles & wagons—Milburn Wagon Co., Toledo, Ohio
MILBURN contractors' portable lights, circus lights, flare lights, oxy-acetylene welding apparatus—Alexander Milburn Co., 1420 W. Baltimore, Baltimore, Md.
MILCOR canopies, brooders, hog watering troughs, metal building corners, ventilators; batten strips, steel tanks, puttyless skylights & windows—Milwaukee Corrugating Co., Milwaukee, Wis.
MILFORD hack saw machines, hack saw blades—H. G. Thompson & Son Co., New Haven, Conn.
MILFORD MASTER grip frames—H. G. Thompson & Son Co., New Haven, Conn.
MILFORD PINK granite, building work—Welb Pink Granite Co., Milford, Mass.
MILITARY RIFLES NOS. 10, 20 & 21 powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
MILLEN car signs—Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
MILLER engines, castings, patterns, etc.—Miller Engine & Foundry Works, 2652 Long Beach av, Los Angeles, Cal.
MILLER farm wagons—Miller Wagon Co., Edina, Mo.
MILLER guy anchors—Miller Anchor Co., Norwalk, Ohio
MILLER ice cream freezers, pasteurizing machines—Miller Pasteurizing Machine Co., Canton, Ohio
MILLER kerosene heaters—Edw. Miller & Co., Meriden, Conn.
MILLER key-seating machines—National Machine Tool Co., Cincinnati, Ohio
MILLER night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.
MILLER ranges—Wm. Miller Range & Furnace Co., 7th & B'way, Cincinnati, Ohio
MILLER siphon flush tanks—Pacific Flush Tank Co., 4241 Ravenwood av, Chicago, Ill.
MILLER rubber tires—Miller Rubber Co., Akron, Ohio
MILLER step ladder chairs—Austell Swing & Ladder Co., Austell, Ga.
MILLER switchstands—Cleveland Railway Supply Co., Swetland bldg., Cleveland, O.
MILLER tool holders—Allman Gas Engine & Machine Co., 461 Canal, New York
MILLER wagon jacks—Lansing Co., Lansing, Mich.
MILLER waterproofing mining cap protectors—Hercules Powder Co., Wilmington, Del.
MILLER EAGLE haying tools—Appleton Hay Tool Co., Appleton, Wis.
MILLERS anti-siphon & bath traps—Miller Foundry & Specialty Co., North Tonawanda, N. Y.
MILLER'S COMMODORE lubricating oils & greases—W. P. Miller Co., 250 Greene, Brooklyn, N. Y.
MILLER'S rubber tires—Chas. E. Miller, Anderson, Ind.
MILLER'S tire vulcanizers—Anderson Rubber Works, Anderson, Ind.
MILLERS FALLS chain attachments, drills, nail pullers—Miller's Falls Co., 28 Warren, New York
MILLIONAIRE adding machines—W. A. Morschlauser, 1 Madison av, New York
MILLS battery connectors—Stackpole Carbon Co., St. Marys, Pa.
MILLS core compounds—H. E. Mills Mfg. Co., Syracuse, N. Y.
MILLS steam heaters—H. B. Smith Co., Westfield, Mass.
MILLS & SMITH water tube boilers—H. B. Smith Co., Westfield, Mass.
MILLSPAUGH suction rolls—Sandusky Foundry & Machine Co., Sandusky, Ohio
MILNE stump pullers—Milne Mfg. Co., Monmouth, Ill.
MILO canvas stitched belting, pulley covering & garden hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MILONITE insulating washers—Morley Mfg. Co., 120 Boylston, Boston, Mass.
MILONITE PERFECTION button head nail tacks—Morley Button Mfg. Co., Portsmouth, N. H.
MILTON steam heaters—Freed Heater Co., Collegeville, Pa.
MILTON well drilling machinery—S. G. Milton & Son, Franklin, Pa.

MILWAUKEE bottle corking machines—U. S. Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
MILWAUKEE bung branding machines, pitching machines—Pawling & Harnischfeger Co., Milwaukee, Wis.
MILWAUKEE carbureters—Milwaukee Auto Engine & Supply Co., 841 29th, Milwaukee, Wis.
MILWAUKEE concrete mixers, now Lakewood-Milwaukee mixers—Lakewood Engng. Co., Cleveland, Ohio
MILWAUKEE carbureters—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MILWAUKEE concrete mixers—Milwaukee Concrete Mixer, 955 30th, Milwaukee, Wis.
MILWAUKEE binder twine, corn binder & harvesters, grain binders, mowers, reapers, sickle grinders, sulky hay rakes—International Harvester Company of America (Inc.), Harvester bldg., Chicago, Ill.
MILWAUKEE cream separators—Milwaukee Separator Mfg. Co., 247 Madison, Milwaukee, Wis.
MILWAUKEE die moulded castings—Milwaukee Die Casting Co., Milwaukee, Wis.
MILWAUKEE electric lamp flashlight—Universal Novelty Works, 164 5th av, New York
MILWAUKEE feed water heaters—Nordberg Mfg Co., Chicago & Oklahoma, Milwaukee, Wis.
MILWAUKEE friction clutches—R. J. Schwab & Sons, 283 Clinton, Milwaukee, Wis.
MILWAUKEE hay carriers, grapple forks, cattle stanchions, wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.
MILWAUKEE lubricating oil storage tanks, waste saturating systems—Milwaukee Tank Works, Fratney & Becker, Milwaukee, Wis.
MILWAUKEE metal shaping machines—Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.
MILWAUKEE milling machines—Kearney & Trecker Co., Milwaukee, Wis.
MILWAUKEE reaming machines—J. C. Busch Co., 140 Ferry, Milwaukee, Wis.
MILWAUKEE row locks—Wilcox-Crittenden & Co., Inc., Middletown, Conn.
MILWAUKEE sand mixing machines, sprue cutters—Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
MILWAUKEE steaming trays—Milwaukee Brewers' Specialty Co., 1919 St. Paul av, Milwaukee, Wis.
MILWAUKEE tool grinders—Lutter & Gies, 258 Lake, Milwaukee, Wis.
MILWAUKEE ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.
MILWAUKEE SCOTCH pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
MINE-A-PHONE mine telephones—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
MINE-ITE dynamite—Grasselli Powder Co., Guardian bldg, Cleveland, Ohio
MINER draft gear—W. H. Miner, Rookery bldg, Chicago, Ill.
MINER street lamps—Thos. T. W. Miner, 828 Eagle av, New York
MINERAL-CLEANER metal cleaners—Electric Smelting & Aluminum Co., Lockport, N. Y.
MINERAL LARD cutting oils—Union Petroleum Co., Widener bldg., Phila., Pa.
MINERALITE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MINERALITE asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
MINERALLAC insulating compounds, cable & conduit hangers—Minerallac Electric Co., Dept. H, 1045 Washington blvd., Chicago, Ill.
MINER'S sunshine safety lamps, torch oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
MINFORD carbon paper—Minford Ribbon & Carbon Co., 9 Walker, New York
MINNEAPOLIS feed cookers—R. R. Howell & Co., 31st av, Minneapolis, Minn.
MINNEAPOLIS heat regulators—Electric Heat Regulator Co., Minneapolis, Minn.
MINNEAPOLIS heat regulators—Minneapolis Heat Regulator Co., 2753 4th av, S. Minneapolis, Minn.
MINNEAPOLIS traction engines — Minneapolis Threshing Machine Co., 226 N. 2nd, Hopkins, Minn.
MINNEHAHA drinking fountains—Kohler Co., Dept. H, Kohler, Wis.
MINNESOTA farm wagons—Winona Wagon Co., Winona, Minn.
MINNESOTA seed testers—Specialty Mfg. Co., 2362 University av, St. Paul, Minn.
MINNESOTA stone polishing machinery—Granite City Iron Works Co., St. Cloud, Minn.
MINNICH waste baling presses—Minnich Machine Works, Landisville, Pa.
MINOLARD cutting oils—White & Bagley Co., Worcester, Mass.
MINOR disinfectants—W. E. Minor Disinfectant Co., 328 Champlain av, Cleveland, O.
MINUTE demountable automobile wheels—Hill-Smith Metal Goods Co., 82 Brookline av., Boston, Mass.
MINUTE valve grinders—Newton Mfg. Co., Plainville, Conn.
MINWAX paints, elastic cements, waterproofing materials—Minwax Co., 18 E. 41st, New York
MIONE hand soap—Mione Mfg. Co., Collingdale, Pa.
MIRAC paint & varnish remover—John Lucas & Co., 322 Race, Phila., Pa.
MIRC'S fuel oil burning furnaces—Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.
MIRECO polishing cloths—Mill Remnants Co., 19 Bond, New York
MIRRLESS-WATSON water evaporators—Chas. Ordway, 25 Church, New York
MIRROR spinning twister rings—Draper Corp., Hopedale, Mass.
MISCH valve grinders—Motch & Merryweather Machinery Co., 711 Lakeside av, N. W., Cleveland, Ohio
MISCO babbitt metal—Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
MISENER rotary hack saws—Robert M. Irving, Syracuse, N. Y.
MISENER rotary hack saw & safety conduit seals—Barnes & Irving, Inc., Syracuse, N. Y.
MISSING LINK chain repair links—Thos. Laughlin Co., Portland, Me.
MISSION plaster & stucco—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
MISSISSIPPI gauge cocks—Wm. Powell Co., Cincinnati, Ohio
MISSISSIPPI hoes—Am. Fork & Hoe Co., Swetland bldg Cleveland, Ohio
MISSISSIPPI inner tubes—Mississippi Valley Rubber Co., Iowa City, Iowa
MISSOURI car doors & fittings—Western Railway Equipment Co., Central Nat'l Bk. bldg., St. Louis, Mo.
MISSOURI fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
MISSOURI grain drills—Genesee Valley Mfg. Co., Mount Morris, N. Y.
MISSOURI white lead—Wm. Waterall & Co., Camden, N. J.
MIST sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MISTIC paint & varnish remover—J. A. & W. Bird Co., 88 Pearl, Boston, Mass.
MISTRY spray nozzles—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
MITCHELL automobile engines—Mitchell Motors Co., Racine, Wis.
MITCHELL fire extinguishers—Badger Chemical Mfg. Co., 221 Grand, Milwaukee, Wis.
MITCHELL metallic packing—Paxton-Mitchell Co., Omaha, Nebr.
MITCHELL'S peerless pail clasps—Twisted Wire & Steel Co., 437 11th av, New York
MITCO interlocking steel grating—Mitchell-Tappen Co., 15 John, New York
MITE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIUSA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio
MIXTER CHAMPION saw gummers—J. W. Mixter Saw Tool Co., Plymouth, Mass.
MOBACK plain milling machine counterboxes, reamers, cutters, vises—Moback Tool & Mfg. Co., 320 Atlantic av, Boston, Mass.
MOBILENE packing—Johns-Manville, Inc., Madison av & 41st, New York
MOBILOIL lubricating oils & greases—Valvoline Oil Co., 1761 Elmore, Cumville, Cincinnati, Ohio
MOBILOIL lubricating oils—Vacuum Oil Co., Rochester, N. Y.
MOBILUBRICANT lubricating oils—Standard Oil Co. of Ohio, E. Ohio Gas bldg., Cleveland, O.
MOBILUBRICANT lubricating oils—Vacuum Oil Co., Rochester, N. Y.
MOCKINGBIRD steam whistles—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MOCO pottery—Mohawk Clay Products Co., Perryville, Ohio
MOCOCO nitric acid, sulphate of copper—Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.
MOCOCO superphosphate, sulphate of copper—Mountain Copper Co., Ltd., 332 Pine, San Francisco, Cal.
MODEL air, water, steam & suction hose & packing—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
MODEL belting, hose & packing—Empire Tire & Rubber Corp., Trenton, N. J.
MODEL boiler injectors—Henry B. Pancoast Co., 950 N. Front, Phila., Pa.
MODEL coal chutes—Richards Iron Works, Manitowoc, Wis.
MODEL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
MODEL farm trucks—Abingdon Wagon Co., Abingdon, Ill.
MODEL flange clamps—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
MODEL flanging clamps—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
MODEL harness snaps—Covert Saddlery Works, Interlaken, N. Y.
MODEL harrows—Standard Harrow Co., Utica, N. Y.
MODEL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
MODEL lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
MODEL plows—Kingman Plow Co., Peoria, Ill.
MODEL riding drills and listers—Peru Plow & Wheel Co., Peru, Ill.
MODEL steam heaters—Model Heating & Engineering Co., Phila., Pa.
MODEL steel stools—Toledo Metal Furniture Co., Toledo, Ohio
MODEL woven wire fences—American Wire Fence Co., 10 S. La Salle, Chicago, Ill.
MODEL A rotary surface grinders — Persons-Arter Machine Co., Worcester, Mass.
MODEL B. windmills—U. S. Wind Engine & Pump Co., Batavia, Ill.
MODEL BICYCLE SIX auto step ladder—Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
MODEL SIX step auto ladders—Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
MODEL STAR valves—Wm. Powell Co., Cincinnati, Ohio
MODELINE modeling clays—Novitas Sales Co., Waltham, Mass.
MODEL No. 1 water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.

MODEL No. 2 water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
MODELIT toy metal building materials—Watrous Mfg. Co., East Hampton, Conn.
MODERN clutch pencils—Hoge Mfg. Co., 45 John, New York
MODERN collapsible tap, self-opening dies & tapping attachments—Modern Tool Co., 300 State, Erie, Pa.
MODERN cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
MODERN duplicators clay process—Durkin, Reeves & Co., 507 Schmidt bldg., Pittsburgh, Pa.
MODERN foundry molding machines—Arcade Mfg. Co., Freeport, Ill.
MODERN range boilers—Hayes Mfg. Co., Paterson, N. J.
MODERN steam heaters — Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
MODERN water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
MODERN meter & valve boxes—Modern Iron Wks., Quincy, Ill.
"MODERN BRAND" hardwood flooring—Herman H. Hettler Lumber Co., 2601 Elston av, Chicago, Ill.
MODERN HERO sweep horse powers—Appleton Mfg. Co., Batavia, Ill.
MODERN HOME WASHER electric clothes washer—Home Device Corp., 3311 35th, Brooklyn, N. Y.
MODIFIED EUREKA laundry starch—Corn Products Refining Co., 17 Battery pl, New York
MODOC brass polish—Modoc Co., Fernwood, Phila., Pa.
MODOC journal lubricant & gear grease—Modoc Company, Fernwood, Pa.
MODOC trolley clamps—Ohio Brass Co., Mansfield, Ohio
MODUS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
MOGUL babbitt metal—Mogul Metal Co., 535 Larned W, Detroit, Mich.
MOGUL candelabra receptacles—Arrow Electric Co., Hartford, Conn.
MOGUL concrete finishing tools—S. Cheney & Son Manlius, N. Y.
MOGUL draft springs—Robert P. Wilson, 320 Market, Newark, N. J.
MOGUL gas engines—Woodmanse Mfg. Co., Freeport, Ill.
MOGUL gasoline blow torches—Turner Brass Works, Sycamore, Ill.
MOGUL grease cups—Wm. Powell Co., Cincinnati, Ohio
MOGUL lawn swings—Forbes Mfg. Co., Hopkinsville, Ky.
MOGUL packing—Johns-Manville, Inc., Madison av & 41st, New York
MOHAIR carriage top dressing—L. M. West's Sons, Rockford, Ill.
MOHAIR VELVETS plushes—L. C. Chase & Co., 89 Franklin, Boston, Mass
MOHAWK belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MOHAWK boiler compounds—Mohawk Refining Co., 1131 River av, N. W., Cleveland, Ohio
MOHAWK gasoline engines—S. R. Mfg. Co., Schenectady, N. Y.
MOHAWK marine engines—S. & R. Mfg. Co., Schenectady, N. Y.
MOHAWK parting compounds — Keystone Foundry Supply Co., Buffalo, N. Y.
MOHAWK reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd St. bldg., New York
MOHAWK shoe blacking & polishes—A. F. Cox & Son, Portland, Me.
MOHAWK tool steel—Ludlum Steel Co., Watervliet, N. Y.
MOHCO chemicals—Marden, Orth & Hastings Co., 136 Liberty, New York
MOHICAN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
MOHIGAN garden hose—Hewitt Rubber Co., Buffalo, N. Y.
MOHN drilling machine vises—W. D. Mohn & Co., Reading, Pa
MOIA lenses—Allendorf Co., Cleveland, Ohio
MOISE sewage siphons—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.
MOISSAN electric furnaces—Eimer & Amend, 205 3d av, New York
MOLE tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
MOLINE agricultural implements—Moline Plow Co., Moline, Ill.
MOLINE car pullers—Bernard & Leas Mfg. Co., Moline, Ill.
MOLINE pumping jacks—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
MOLINE row-locks—Wilcox-Crittenden & Co., Inc., Middletown, Conn.
MOLINE scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
MOLINE ORCHARD narrow sulky attachments—Moline Plow Co., Moline, Ill.
MOLINE KNOCKER potato-diggers—Moline Plow Co., Moline, Ill.
MOLINE-McCORMICK turbine water wheels — Barnard & Leas Mfg. Co., Moline, Ill.
MOLINE upsetting & forging machines—Williams, White Co., Moline, Ill.
MOLINE TWO-WAY plows—Moline Plow Co., Moline Ill.
MOLINE UNIVERSAL gasoline, traction engines—Moline Plow Co., Moline, Ill.
MOLINE GIANT seeders & sowers—Moline Plow Co., Moline, Ill.
MOLLY STARK mop wringers — Bennington Scale Co., Bennington, Vt.

MOLONEY transformers—Moloney Electric Co., 7th & Hickory, St. Louis, Mo.
MONACA drill rods—Pittsburgh Tool Steel Wire Co., Monaca, Pa.
MONAHAN sewer & trench & excavating machines—W. J. Heggie, Joliet, Ill.
MONAMOILE lubricating oils & greases — Monarch Mfg. Co., Council Bluffs, Ia.
MONARCH ammeters & voltmeters—Hercules Instrument Co., Mt. Vernon, N. Y.
MONARCH annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces, fuel oil burners & pressure blowers—Monarch Eng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH annular bearing—Hess-Bright Mfg. Co., Front and Erie av., Phila., Pa.
MONARCH automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.
MONARCH axles—Am. Axe & Tool Co., Glassport, Pa.
MONARCH babbitt metal—Nassau Smelting & Refining Works, 603 W. 29th, New York
MONARCH bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
MONARCH belting, belt lacing, belt dressing, belt cements—Graton & Knight Mfg. Co., Worcester, Mass.
MONARCH brake beams — Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
MONARCH brass air cocks, rotary bilge pumps, circuit breakers, spark coils, stuffing boxes, air & check valves—Monarch Valve Co., 112 Front, Brooklyn, N. Y.
MONARCH car couplers—Monarch Steel Casting Co., Solvay & Wab. R.R., Detroit, Mich.
MONARCH carriage curtain lights, carriage top props & roll-up straps—Monarch Carriage Goods Co., Cincinnati, Ohio
MONARCH carriage fasteners—Enterprise Brass & Plating Co., 6th & Baymiller, Cincinnati, Ohio
MONARCH cinder & conical mills & grinding machinery, International Metal Reclaiming Corp., 220 B'way, New York
MONARCH clothes racks—Cassady Fairbank Mfg Co., 6126 S. La Salle, Chicago, Ill.
MONARCH coachmakers' & machinists' vises—Prentiss Vise Co., 110 Lafayette, New York
MONARCH concrete building block machinery—Cement Machy Co., Jackson, Mich.
MONARCH concrete inserts—Philadelphia Expansion Bolt Co., 124 North 6th, Philadelphia, Pa.
MONARCH corn & cob mills, corn shellers, portable grain elevators, feed grinding, attrition, French buhr, emery, rock & oil cake mills—Sprout, Waldron & Co., Muncy, Pa.
MONARCH cream separators—Lisle Mfg. Co., Clarinda, Ia.
MONARCH cultivators—Racine-Sattley Co., Springfield, Ill.
MONARCH harrows, hay tedders—Ohio Rake Co., Dayton, Ohio
MONARCH diaphragm screens—Baker Mfg. Corp., Saratoga Springs, N. Y.
MONARCH disc sharpeners—Murray Iron Works Co., Central av & Washington, Burlington, Ia.
MONARCH dough mixing & kneading machines—Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
MONARCH engine lathes—Monarch Machine Co., Sidney, O.
MONARCH engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
MONARCH ensilage cutters—Silver Mfg. Co., No. 256, Salem, Ohio
MONARCH farm trucks—International Harvester Co. of America, Inc., Harvester bldg., Chicago, Ill.
MONARCH fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
MONARCH flushing valves & brass & lead traps—Monarch Brass Co., Cleveland, Ohio
MONARCH gasoline engines, kerosene oil engines—Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
MONARCH gasoline stoves, gas & oil stoves & heaters—Excelsior Stove & Mfg. Co., Quincy, Ill.
MONARCH hatchets—Grey Iron Casting Co., Mt. Joy, Pa.
MONARCH hickory, axe, pick, hammer, sledge and shovel handles—United Handle Mills, 149 Broadway, New York
MONARCH hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
MONARCH hydrated lime—National Lime & Stone Co., Carey, Ohio
MONARCH ice cream freezers—J. W. Allen & Co., 116 N. Peoria, Chicago, Ill.
MONARCH iron stove pipe—Grunden Martin Mfg. Co., 760H S 2nd, St. Louis, Mo.
MONARCH ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
MONARCH lawn swings—Challenge Co., Batavia, Ill.
MONARCH lawn swings—Western Wheel Barrow & Mfg. Co., So. Fort Smith, Ark.
MONARCH lubricating oils and greases—Swan & Finch Co., 165 Broadway, New York
MONARCH malleable iron stoves & ranges—Malleable Iron Range Co., Beaver Dam, Wis.
MONARCH mine car hitchings—Macwhyte Co., Kenosha, Wis.
MONARCH moving picture machines—National Moving Picture Co., 537 S. Dearborn, Chicago, Ill.
MONARCH oil & greases, gums & hydraulic presses—Monarch Mfg. Co., Council Bluffs, Ia.
MONARCH packing—A. W. Chesterton Co., 64 India, Boston, Mass.
MONARCH padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.

MONARCH paints—Martin-Senour Co., 2514 Quarry, Chicago, Ill.
MONARCH ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
MONARCH refillable cartridge fuses—Ackley Brake & Supply Corp., 50 Church, New York
MONARCH root cutters—Donaldson Bros., Mount Clemens, Mich.
MONARCH rubber tires—Monarch Tire Co., Hartville, Ohio
MONARCH safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
MONARCH sash operating devices—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
MONARCH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
MONARCH sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
MONARCH spark plugs—Benford Mfg. Co., Mount Vernon, N. Y.
MONARCH spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
MONARCH steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
MONARCH steam road rollers—American Road Machinery Co., Kennett Square, Pa.
MONARCH step ladders—Pratt Mfg. Co., Coldwater, Mich.
MONARCH step ladders—Superior Ladder Co., Goshen, Ind.
MONARCH straw dispensers—Coe Mfg. Co., 35 Warren, New York
MONARCH tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
MONARCH tank heaters, windmills—Celina Mfg. Co., Celina, Ohio
MONARCH tire benders—Kane & Roach, Syracuse, N. Y.
MONARCH TRIPLEX potato sprayer—Field Force Pump Co., Dept. H, Elmira, N. Y.
MONARCH wall plaster & finish—Wasem Plaster Co., Fort Dodge, Ia.
MONARCH water heaters—American Stove Co., 827 Chouteau av., St. Louis, Mo.
MONARCH weatherproof wire, flexible cords & copper insulated wire—Monarch Electric & Wire Co., 622 W. Adams, Chicago, Ill.
MONARCH window ventilators—Monarch Ventilator Co., 39 Church, New York
MONARCH woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.
MONARCH-ACME core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.
MONARCH-ARUNDEL core ovens—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH BELL ladle heaters—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH JUNIOR core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.
MONARCH PROOFER bakers' machines—Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
MONARCH-ROCKWELL annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning, & welding furnaces—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
MONASH steam separators, valves, radiator shields, steam traps—Monash-Younker Co., 551 W Monroe, Chicago, Ill.
MONASTERY wood stains—Patterson-Sargent Co., 1325 E. 38th, Cleveland, O.
MONATIQUOT reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.
MONAX lighting glass—Macbeth-Evans Glass Co., C. of C. bldg., Pittsburgh, Pa.
MONCE glass cutters—S. G. Monce, Unionville, Conn.
MONCRIEF pipeless furnaces——Henry Furnace & Foundry Co., 825 Long av, Cleveland, Ohio
MONCRIEFF gauge glasses—H. A. Rogers Co., 87 Walker, New York
MONEY-MAKER baling presses & ensilage cutters & rice threshers—Swayne, Robinson & Co., Richmond, Ind.
MONEY SAVER baling presses—Woodall Mfg. Co., 500 Taylor, Davenport, Ia.
MONIGHAN drag line excavators, mortar mixers—Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
MONITOR ash & garbage cans—Central Stamping Co., 174 Fulton, New York
MONITOR barn cupalos—B. F. Litchy & Son, Waterloo, Iowa
MONITOR belting, hose, packing—Empire Tire & Rubber Corp., Trenton, N. J.
MONITOR boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
MONITOR book binders' machinery—Latham Machinery Co., 1153 Fulton, Chicago, Ill.
MONITOR car truck & body bolsters—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
MONITOR clothes washing machines—Huenergardt Mfg. Co., Lincoln, Neb.
MONITOR canning, coffee polishing, flour mill, grain cleaning machines, etc.—Huntley Mfg. Co., Silver Creek, N. Y.
MONITOR coffee or spice mills—Mirroscope Co., 168th & Waterloo, Cleveland, O.
MONITOR corn & cob mills, gasoline engines, windmills—Baker Mfg. Co., Evansville, Wis.
MONITOR electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
MONITOR feed water heaters, oil extractors—Jarvis Engine & Machine Works, Lansing, Mich.
MONITOR gas mixers—Cullen & Atkinson Co., Hartford, Conn.
MONITOR gas ranges—Monitor Stove Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio
MONITOR glass cutters—Millers Falls Co., 28 Warren, New York
MONITOR grain drills, rice planting drills, seeders & sowers—Moline Plow Co., Moline, Ill.
MONITOR green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
MONITOR hand carts—Frank J. Aubeuf, Oneida, N. Y.
MONITOR heaters & radiators — Monitor Bi-Loop Radiator Co., Lancaster, Pa.
MONITOR hose nozzles — Andrew J. Morse & Son (Inc.), 221 High, Boston, Mass.
MONITOR ice cream freezers—Thomas Mills & Bro., 8th & Thompson, Phila., Pa.
MONITOR levels & transits—C. L. Berger, 35 Williams, Boston, Mass.
MONITOR portable lamp guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
MONITOR packing—Allen Packing Co. (Est. of), Collingswood, N. J.
MONITOR paints—Barrett Co., 17 Battery pl, New York
MONITOR pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
MONITOR power & irrigating pumps—Humphreys Mfg. Co., Mansfield, Ohio
MONITOR range boilers—Walls, Owen & Stambach Co., Phila., Pa.
MONITOR sash locks — Champion Hardware Co., Geneva, Ohio
MONITOR steam heaters—Monitor Bi-Loop Radiator Co., Lancaster, Pa.
MONITOR steam traps—Lawler Regulator Co., 55 W. Houston, N. Y.
MONITOR sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
MONITOR turbine water wheels—Lane Mfg. Co., Montpelier, Vt.
MONITOR water gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MONITOR well augers—Gustave Pech Foundry & Machine Co., Le Mars, Ia.
MONITOR wood sawing machines—Greendale Gas Engine Co., Worcester, Mass.
MONKEY-SHINE metal polish — Hazen-Brown Co., 727 Atlantic av, Boston, Mass.
MONK'S moulders' tools—Oscar Barnett Foundry Co., Irvington, N. J.
MONMOUTH cultivators—Monmouth Plow Factory, Monmouth, Ill.
MONNOT copper clad steel, silver plated steel, copper wire—Duplex Metal Co., Chester, Pa.
MONO gas analysis apparatus—Mono Corp. of Am., 251H W B'way, New York
MONOBEL explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
MONOCOIL MOTOR electric toys—C. D. Wood Electric Co., 441 Broadway, New York
MONOGRAM belt lacing—National Leather Mfg. Co., Niles, Mich.
MONOGRAM enameled ware—John Dunlap Co., Carnegie, Pa.
MONOGRAM gate valves—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
MONOGRAM hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
MONOGRAPH feed water purifiers—Berry Engineering Co., Chester, Pa.
MONOLENE corn & cottonseed oils—Bakers Products Co., 1125 W. 11th, Cleveland, O.
MONOLITH sanitary flooring — American Monolith Co., 97 Wisconsin, Milwaukee, Wis.
MONONA printing machinery—Wisconsin Foundry & Machine Co., Madison, Wis.
MONONGAHELA VALLEY miners' lamps—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
MONOPIVOT pyrometers—Wilson-Maeulen Co., 383 Concord av, New York
MONOPLANE steering sleds—Carriage & Toy Co., 741 W. Lombard, Baltimore, Md.
MONOPLEX automobile horns—Kent Atwater Mfg Works, 4937 Stenton, Phila., Pa.
MONROE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
MONROE partitions—Monroe Screen-Blind Partition Co., Lima, Ohio
MONSCO silos—Monolithic Silo & Const. Co., 122 S. Michigan av, Chicago, Ill.
MONSON slate—Portland-Monson Slate Co., Portland, Me.
MONTAGUE ribbon print addressing machines—Stickney & Montague, Chattanooga, Tenn.
MONTANA belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MONTAUK hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MONTAUK paints—Montauk Paint Mfg. Co., 2nd av, Brooklyn, N. Y.
MONTE wrenches—Monte Wrench Co., Shelbyville, Ind.
MONTEAGLE piston packing—Lockwood Mfg. Co., 44 N. Market, Boston, Mass.
MONTGOMERY nail pullers — P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.
MONTROSE gauge glasses—E. F. Keating Co., 446 Water, New York
MOOMY inner tubes—Keystone Rubber Mfg. Co., Erie, Pa.
MOON padlock locks—United Lock & Hardware Co., Columbia, Pa.
MOON plow coulters—B. F. Avery & Sons, Louisville, Ky.
MOON steam turbine generators—Moon Mfg. Co., 122H N Jefferson, Chicago, Ill.
MOONLIGHT fishing bait—Moonlight Bait Co., Paw Paw, Mich.

MOONSHINE BRAND metal polish—Wm. T. Johnston Co., 3d & Vine, Cincinnati, Ohio
MOONSHINE metal polish—Wm. R. Winn, 488 Cherry, New York
MOONSTONE illuminating glassware, etc.—Jefferson Glass Co., 5 So. Wabash av, Chicago, Ill.
MOOR milling machine attachments for lathes—Eccles & Smith Co., 71 1st, San Francisco, Cal.
MOORE belt sanding machines, wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.
MOORE car door hangers—Stowell Co., South Milwaukee, Wis.
MOORE clothes washing machines, feed grinding mills—Moore Given Co., Spring Valley, Ill.
MOORE cultivators, feed cookers, potato diggers, farm boilers, gasoline engines—Moore Plow & Implement Co., Greenville, Mich.
MOORE metal polish—E. C. Moore & Sons Co., 11 Elizabeth, W. Detroit, Mich.
MOORE railway track drills—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
MOORE slime filters, cyanide plants & filter presses—Moore Filter Co., 50 E. 42d, New York
MOORE steam pumps — Union Steam Pump Co., Battle Creek, Mich.
MOORE & BRISTOL'S can filling machine—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
MOORE'S BAGGAGE DOOR car door hangers—Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleveland, Ohio
MOORE'S capstan screws—G. W. Moore, 44 Farnsworth, Boston, Mass.
MOORE'S chain hoists, elevator door hangers, locks—Chisholm-Moore Mfg. Co., 5406 Lakeside, Cleveland, Ohio
MOORE'S clothes pins—National Spring Clip Co., Montpelier, Vt.
MOORE'S cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
MOORE'S fountain pens—Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.
MOORE'S stoves & hot air furnaces—Moore Bros. Co., Joliet, Ill.
MOORE'S window fasteners—Stanley Works, New Britain, Conn.
MOOSE sporting & athletic goods—Brauer Bros. Mfg. Co., 204 N. 14th, St. Louis, Mo.
MORAN flexible joints—Pittsburgh Valve, Fdry. & Constrn Co., 26th & A. V. R. R., Pittsburgh, Pa.
MORAN pneumatic lifts — Ingersoll-Rand Co., 11 Broadway, New York
MORAN steam heaters—Moran Boiler Co., Hopkins, Minn.
MORAN'S belt couplings—Greene, Tweed & Co., 109 Duane, New York.
MORDEN PERFECT key rings—Morden Mfg. Corporation, Waterbury, Conn.
MOREHEAD'S gas burettes—E. N. Sargent & Co., 155 E. Superior, Chicago, Ill.
MOREHEAD steam traps—Morehead Mfg. Co., Detroit, Mich.
MORE-JONES "TIGER" bronze armature & axle bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
MORELAND ring packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
MORELL PATTERN saw sets—Bullock Mfg. Associates, Springfield, Mass.
MORE-LYTE wall finish—Arlington Mfg. Co., Canton, Ohio
MOREY welding compound—Morey Flux & Chemical Co., Parkersburg, Pa.
MORGAN air cell & felt pipe & boiler coverings—C. Stanley Morgan, 55 Wayne, Detroit, Mich.
MORGAN cranes, hammers, shears, punches, bending & flanging machines—Morgan Engineering Co. Alliance, Ohio.
MORGAN door springs, producers, gas machines—Morgan Construction Co., Worcester, Mass.
MORGAN hose clamps & couplings & spark plugs—Morgan Mfg. Co., Inc., Keene, N. H.
MORGAN spading harrows—Wiard Plow Co, Batavia, N. Y.
MORGANITE carbon brushes—Morgan Crucible Co., 519 W. 38th, New York
MORGANS HANDY hollow handle tools—Morgan Mfg. Co., Inc., Keene, N. H.
MORIN'S saw gauges—Morin Saw Gauge Mfg. Co., Seattle. Wash.
MORISON corrugated furnaces — Continental Iron Works, West & Calyer, Brooklyn, N. Y.
MOROCCOLINE leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
MORRAL labeling machines—Morral Bros., Morral, Ohio
MORRELL PATTERN saw sets—Bullock Mfg. Associates, Springfield, Mass.
MORRILL saw sets, box openers, nail & spike pullers, punches, bench stops, seal presses—Chas. Morrill, 100 Lafayette, New York
MORRILL PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
MORRIS horizontal drilling machines—Morris Machine Tool Co., Court & Harriet, Cincinnati, O.
MORRIS kitchen saws—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MORRIS & BAILEY cold rolled strip steel & steel for stamping & drawing—Wetherell Bros. Co., 251 Albany, Cambridge, Mass.
MORRIS-WESTON sugar centrifugals — Cresson-Morris Co., Allegheny av & 18th, Phila., Pa.
MORRISON storage batteries—Helio Mfg. Co., 2530 N. Broad, Bridesburg, Philadelphia, Pa.
MORROCO black sheet packing—General Asbestos & Rubber Co., Charleston, S. C.
MORROW coaster brakes—Eclipse Machine Co., Elmira, N. Y.
MORROW drill chucks—E. Horton & Son Co., Windsor Locks, Conn.
MORSE arbors, centers, counterbores, countersinks, cutters, dies, drills, gauges, grinders, mills, reamers, sockets, taps, wrenches, etc.—Morse Twist Drill & Machine Co., Dept. H, New Bedford, Mass.
MORSE drafting tables—American Drafting Furniture Co., 129 Mill, Rochester, N. Y.
MORSE dust collectors—Knickerbocker Co., Jackson, Mich
MORSE electric belts, insoles and inhalers—Electric Appliance Co., Burlington, Kans.
MORSE incandescent lamp guards, lamp cord adjusters, trouble finding lamps, searchlights, wire connectors—Frank W. Morse, 289 Congress, Boston, Mass.
MORSE roughing and finishing taper reamers—Greenfield Die & Tap Corp., Greenfield, Mass.
MORSE silent running transmission chain & high speed chain sprockets—Morse Chain Co., Ithaca, N. Y.
MORSE wall ties—J. B. Prescott & Son, Webster, Mass.
MORSE window ventilators—L. Morse & Sons, Athol, Mass.
MORSE wood bits—Union Twist Drill Co., Athol, Mass.
MORSE BEACH drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass.
MORSE EUREKA center handle switches, electric cable hangers, lamp adapters, telephone plug terminals, storage battery terminals, testing clips—Frank W. Morse, 289 Congress, Boston, Mass.
MORSE STETSON drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass.
MORSE WATCH telegraph instruments—Manufacturers & Inventors Electric Co., 29 Gold, New York
MORTON razor strops—National Cutlery Co., Phila., Pa.
MORTY rat traps—Detroit Wire & Iron Works, 1160 E. Jefferson, Detroit, Mich.
MORUS water closets—Fort Pitt Supply Co., 332 2nd av, Pittsburgh, Pa.
MOSAIC enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
MOSCO automobile wheel pullers—Motor Specialties Co., Waltham, Mass.
MOSELEY surface grinders—Moseley Lathe Co., Elgin, Ill.
MOSER casing heads—Kane Supply Co., Kane, Pa.
MOSER mine drills—What Cheer Tool Co., What Cheer, Ia.
MOSER pneumatic lifts—Ingersoll-Rand Co., 11 Broadway, New York
MOSHEIK wash boilers—Philip Mosheik, 1108 S. Halsted, Chicago, Ill.
MOSHER bag holders—Webster Mfg. Co., 4500-60 Courtland, Chicago, Ill.
MOSHER electric car headlights—Dayton Mfg. Co., Dayton, Ohio
MOSHER jacks—F. M. Deweese & Co., Chillicothe, Ohio
MOSHER steam & oil separators—United Machine & Mfg. Co., Canton, O.
MOSHER tool racks—F. M. Mosher, Canton, Ill.
MOSSBERG wrenches, reels, cotter pin extractors, letter openers—Frank Mossberg Co., Attleboro, Mass.
MOSSMANN harness specialties buckle shields—North & Judd Mfg. Co., New Britain, Conn.
MOSS UNIVERSAL lathe chucks—Commonwealth Supply Co., Mutual bldg., Richmond, Va.
MOTEX babbitt metal—I. M. Jacobson & Sons Co., 70 Catherine, Detroit, Mich.
MOTHALINE insecticides—H. C. Dusenberry (Inc.), 95 Gold, New York
MOTH-NO insecticide—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
MOTOLIFT power driven vertical tiering machine—Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.
MOTOR padlocks—E. T. Frain Lock Co., Lancaster, Pa.
MOTOR padlocks—Slaymaker Lock Co., Lancaster, Pa.
MOTORBESTOS brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York
MOTORITE packing—Crandall Packing Co., Palmyra, N. Y.
MOTOR KIT gas pliers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
MOTORCRAFTSMAN-POUTOP imitation leather cloth—E. I. du Pont de Nemours & Co., Inc., Fabrikoid Div., Wilmington, Del.
MOTORCYCLE MIKE toys—Am. Flyer Mfg. Co., 2219 S. Halsted, Chicago, Ill.
MOTOROPE automobile towing ropes—Asch & Co., 16 W. 61st, New York
MOTORWEAR carriage robes—Hugh Wallace Co., 2616 E Grand blvd, Detroit, Mich.
MOTSINGER plug switches—Motsinger Device Mfg. Co., Lafayette, Ind.
MOUAT vapor heating system—Mouat-Squires Co., 1246 W. 4th, Cleveland, Ohio
MOUND automobile tools and triangles—Mound Tool & Scraper Co., 1203 S. 7th, St. Louis, Mo.
MT. DIABOL cement—Cowell Portland Cement Co., San Francisco, Cal.
MT. GILEAD fruit presses—Hydraulic Press Mfg. Co., Mount Gilead, Ohio
MT. HOOD fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
MT. JOY steak pounders—Grey Iron Casting Co, Mt. Joy, Pa.

MT. TOUR lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
MT. VERNON belting—Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
MOUNTVILLE potato diggers—Mountville Mfg. Co., Mountville, Pa.
MOUSSIN saponine and aniline, colors and chemicals —H. Lieber & Co., 14 Platt, New York
MOVETTE cameras—Movette, Inc., 295 State, Rochester, N. Y.
MOWELL relief valves—Augustus Mowell, Paterson, N. J.
MOYLE cyanide mills, tanks, gate valves, ore concentrators and crushers, etc.—E. H. Moyle Engineering & Equipment Co., 508 E. 9th, Los Angeles, Cal.
MO-YO-CO steam traps—Monash-Younker Co., 551 W Monroe, Chicago, Ill.
MR. BILL riding listers—B. F. Avery & Sons, Louisville, Ky.
MR. PUNCH automatic drilling machines—Goodell-Pratt Co., Greenfield, Mass.
MRS. BEST'S sad irons—Wrightsville Hardware Co., Wrightsville, Pa.
MRS. POTT'S sad irons—Bless & Drake, 175 N. J. RR. av, Newark, N. J.
MRS. POTTS sad irons—Colebrookdale Iron Co., Pottstown, Pa.
MRS. POTT'S sad irons—Rock Island Mfg. Co., Rock Island, Ill.
MRS. POTTS sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
MRS. POTTS sad irons—N. R. Streeter & Co., Rochester, N. Y.
MUDGETT tank heaters—Sargent, Osgood & Roundy Co., Randolph, Vt.
MUDGE-PEERLESS ventilator mfrs.—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.
MUELLER hot air furnaces, steam heaters—L. J. Mueller Furnace Co., Milwaukee, Wis.
MUELLER pipe tongs—H. Mueller Mfg. Co., Decatur, Ill.
MUELLER-SCHUTTE steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
MUENZEL gas engines—Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
MUISA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O.
MULCONROY air, water, steam, rock drill & oxy-acetyiene gasoline hose—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
MULE-HIDE roofing & shingle rolls—Lehon Co., W., 4451 S. Oakley av, Chicago, Ill.
MULE PULL friction clutches, friction clutch couplings—Brown Engineering Co., Reading, Pa.
MULESKIN leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
MULFORD steam heaters—Galva Heater Co., Galva, Ill.
MULLEN air pumps—C. H. Wheeler Mfg. Co., Lehigh & 18th, Phila., Pa.
MULLEN paper testers—B. F. Perkins & Son, Holyoke, Mass.
MULLER barrel washing machines, hop separators—Ferdinand Aue Co., 401 E. 91st, New York.
MULLER pan grinder rims—Railway Steel Spring Co., 30 Church, New York
MULLHOLLAND hatch fasteners—Mullholland Hatch Hatch Fastener Co., Cleveland, Ohio
MULLIN cable reel jacks—Norris Electric Specialties Co., 126 Liberty, New York
MULT-AU-MATIC vertical boring & turning machines —Bullard Machine Tool Co., Bridgeport, Conn.
MULTE KOPY carbon paper—F. S. Webster Co., 340 Congregational, Boston, Mass.
MULTI switch & service boxes, locknut bushings, cutout boxes, porcelain bushings, fuse cut-outs & soldering terminal lugs—Multi Electrical Mfg. Co., 703 Fulton, Chicago, Ill.
MULTIBESTOS asbestos brake lining & clutch facings—Multibestos Co., Walpole, Mass.
MULTIFEX atmospheric valves—C. H. Wheeler Mfg. Co., Lehigh av & 18th, Phila., Pa.
MULTI-METAL bolting cloth—Multi-Metal Separating Screen Co., 251 W. 19th, New York
MULTI-PLATE hot air furnaces—J. Zellweger & Sons, St. Louis, Mo.
MULTIPLATE valves—O'Malley-Beare Valve Co., Railway Ex. bldg, Chicago, Ill.
MULTIPLE locomotive pipe clamps—Franklin Railway Supply Co., 30 Church, New York
MULTIPLE medicinal atomizers—Hospital Rubber Co., Attleboro, Mass.
MULTIPLE UNIT electric furnaces—Eimer & Amend, 205 3d av, New York
MULTIPLEX corrugated iron & steel—Berger Mfg. Co., Canton, Ohio
MULTIPLEX hardware display fixtures—Multiplex Display Fixture Co., St. Louis, Mo.
MULTIPLEX reversible ratchet wrenches—Lowell Wrench Co., 54 Commercial, Worcester, Mass.
MULTIPLEX sugar evaporators—Blair, Campbell & McLean, Inc.—Colonial Trust bldg., Phila., Pa.
MULTIPLEX wrenches—Lowell Wrench Co., Worcester, Mass.
MULTIPLUS lubricators—Greene, Tweed & Co., 109 Duane, New York
MULTISPRA paint & white wash spraying machines —Deming Co., Salem, Ohio
MULTI-USE bed side tables—J. R. Baker & Sons Co., Kendallville, Ind.
MULTI-VAPO-GAP lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
MULTIWHIRL oil coolers—Griscom-Russell Co., 92 West, New York
MULTOMETER speedometer—Hamilton Corp., Lancaster, Pa.

MULVEY stirrups—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
MUMFORD fire escapes—S. F. Hayward & Co., 250 W. 54th, New York
MUMFORD foundry molding machines—Dayton Moulding Machine Co., Dayton, Ohio
MUMFORD moulding machines—Hanna Engineering Works, 764 Elton av, Chicago, Ill.
MUNCIE brake drums—Muncie Gear Works, Muncie, Ind.
MUNCIE oil engines—Muncie Oil Engine Co., Muncie, Ind.
MUNCIE CROWN automobile and steel castings—Muncie Malleable Castings Co., Muncie, Ind.
MUNCIE TYPE glass insulators—Hemingway Glass Co., Covington, Ky.
MUNGER cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
MUNGER piston rings—Splitdorf Electrical Co., 98 Warren, Newark, N. J.
MUNIT switch boxes—Cutter Electrical & Mfg. Co., 19th & Hamilton, Philadelphia, Pa.
MUNN feed water heaters—Phoenix Iron Works Co., Meadville, Pa.
MUNNSVILLE fruit evaporators—Munnsville Plow Co., Munnsville, N. Y.
MUNTON car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
MURALITE hot water calcimine or wall finish—M. Ewing Fox Co., 241 E. 136th, New York
MURALTINT cold water paints—Columbia Refining Co., 90 West, New York
MURCHEY collapsible taps, self opening dies, pipe cutters, nipple threading machines—Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.
MURDOCK bobbin holders—Murdock & Geb Co., Franklin, Mass.
MURDOCK hydrants—Illinois Malleable Iron Co., 1801 Diversey blvd.,,Chicago, Ill.
MURESCO kalsomine and wall finish—Benjamin Moore & Co., 231 Front, Brooklyn, N. Y.
MURO burlap—Cotta-a-Lap Co., Somerville, N. J.
MURPHY cabinet ironing boards—Murphy Door Bed Co., 22 W Monroe, Chicago, Ill.
MURPHY carriage fasteners—G. W. J. Murphy Co., Amesbury, Mass.
MURPHY dry kilns—Ridgway Mfg. Co., Ridgway, Pa.
MURPHY pneumatic rock drills—Wickes Machinery Co., Jersey City, N. J.
MURPHY range boiler stands—Central Foundry Co., 90 West, New York
MURPHY smokeless furnaces—Murphy Iron Works, ft. of Walker, Detroit, Mich.
MURPHY flushing valves—Murphy Specialty Co., 90 2d, Milwaukee, Wis.
MURRAY boiler feed regulators—Wright-Austin Co., 315 Woodbridge W, Detroit, Mich.
MURRAY carriage top raisers—P. A. Murray & Co., Newton, Mass.
MURRAY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
MURRAY KEYOKE coupler yokes—Keyoke Railway Equipment Co., Monadnock bldg., Chicago, Ill.
MUSHROOM concrete steel construction—C. A. P. Turner, 627 1st Ave., N. Minneapolis, Minn.
MUSIC MASTER phonograph horns—Sheip & Vandegrift, 820 N. Lawrence, Phila., Pa.
MUSKEGON motor trucks—Muskegon Engine Co., Muskegon, Mich.
MUSSELMAN coaster brakes—Miami Cycle & Mfg. Co., Middletown, Ohio
MUSTANG rope lariats—Diamond Whip Co., 406 N. Curtis, Chicago, Ill.
MUTUAL lubricators—Detroit Shipbuildings Co., ft. Orleans, Detroit, Mich.
MY CHOICE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
MY CROWN resistance wire—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
MYAMA shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
MYERS arbor presses, engine lathes, drilling machines, emery grinders & improved geared hack saw—Myers Mach. Tool Co., Columbia, Pa.
MYERS automatic bench drilling machines—Myers Mach. Tool Co., Columbia, Pa.
MYERS blow-off valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
MYERS blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
MYERS boiler cleaners—Manchester Mfg. Co., North Manchester, Ind.
MYERS common fireplace dampers—Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
MYERS hay tools, barn door, hinge & rail hangers, pumps, ladders, paint & whitewash spraying machines, spray guns—F. E. Myers & Bro., Ashland, Ohio.
MYERS spray nozzles—F. E. Myers & Bro., 900 4th, Ashland, Ohio.
MYERS wall ties—Mercer Mfg. Co., Mercer, Pa.
MYERS ELCETRIC water supply systems—F. E. Myers & Bro., 900 Fourth, Ashland, O.
MYSTERIOUS dustless dust cloths—Gem Supply Co., Waterbury, Conn.
MYSTIC cutting lubricants—Swan & Finch Co., 165 Broadway, New York.
MYSTIC glue—International Glue Co., 201 Devonshire, Boston, Mass.
MYSTIC spray nozzle—W. D. Allen Mfg. Co., 566 W. Lake, Chicago.
MYSTIC water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
MYSTIC ACME cutting & drilling compounds—Cataract Refining & Mfg. Co., Buffalo, N. Y.
N-B flushing valves—Dececo Co., 157 High, Boston, Mass.

N. B. C. caston worm gear oil—N. B. Cook Oil Co., 148 Front, New York
N. B. C. copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
N. B. O. rubber hose & packing—Home Rubber Co., Trenton, N J.
N. F. O. lubricating oil gun—N. Y. & N. J. Lubricant Co., 165 Broadway, New York
N. H. flushing valves—Exeter Brass Works, Exeter, N. H.
N. I. R. rubber packing—National India Rubber Co., Bristol, R. I
N. R. C. protective paint—National Roofing Co., Tonawanda, N. Y.
N. & CO. ARCTIC stove lid lifters—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
N. & CO. box chisels, nut crackers & picks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
N.-W. enclosed fuses—Columbia Machine Works & Malleable Iron Co., 269 Chestnut, Brooklyn, N. Y.
N. W. lawn trimmers—Northwestern Stamping Co., Burlington, Ia.
NABOB cylinder oil—Texas Company, 17 Battery pl, New York
NACEFAS oily waste cans—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NACTO carbon removers & fabric cleaning compounds —Nacto Cleaner Corp., 2171 Madison av, New York
NALVOLITE valve stem packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
NAMCO dies & collapsible taps—National Acme Co., 7500 Stanton av, S. E., Cleveland, Ohio
NAMELESS flour sieves — Parker Wire Goods Co., Worcester, Mass.
NANTUCKET hammock—Brooks Tent & Awning Co., Denver, Colo.
NANZ IMPERIAL watchman's clocks—Nanz Clock Co., 178 Fulton, New York
NAPANOCH pocket knives—U. J. Ulery Co., 258 Broadway, New York
NAPIER band saws, metal cutting-off machines & blades & jewelers saws—Napier Saw Wks., Inc., Springfield, Mass.
NAPIER pig iron—Napier Iron Works, Nashville, Tenn.
NAPIER saws—Metal Saw & Machine Co., Inc., 40H Napier, Springfield, Mass.
NAPLES VELVET FINISH flat wall finish—Adams & Elting, 726 W. Washington, Chicago, Ill.
NAPOLEON padlocks—Slaymaker Lock Co., Lancaster, Pa.
NAPOLEON tank heaters—Heller-Aller Co., Napoleon, Ohio
NAPPANEE kitchen cabinets—Coppes Bros. & Zook, Nappanee, Ind.
NAPROCO potash bichromates—Natural Products Refining Co., 902 Garfield av, Jersey City, N. J.
NAPTHOL-PHENOLINE disinfectants—Corbin Disinfecting Co., Front & Walnut, Phila., Pa.
NARCO bath tubs—McVay-Walker Co., Braddock, Pa.
NARRAGANSETT rubber hose & packing—National India Rubber Co., Bristol, R. I.
NASH gas engines—National Meter Co., 299 B'way, New York
NASH hot pan lifters—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
NASH sand papering machines, saw & chuck machines—J. M. Nash, 842 30th, Milwaukee, Wis.
NASH vacuum pumps—Nash Engineering Co., South Norwalk, Conn.
NASH GEM water meters—National Meter Co., 299 B'way, New York
NASH'S saw sets—Landers, Frary & Clark, New Britain, Conn.
NASHUA ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
NASON steam specialties—Nason Mfg. Co., 71 Fulton, New York
NASON steam traps, Glenn Mfg. Co., St. Charles, Ill.
NASON CLASS B steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON CLASS C steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON SIDELUG steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON-VESUVIUS steam traps—Nason Mfg. Co., 71 Fulton, New York
NASSAU hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
NASSAU spelter—New Jersey Zinc Co., 160 Front, New York
NATCO hollow tile—National Fire Proofing Co., 1100 Fulton bldg, Pittsburgh, Pa.
NATCO multiple spindle drilling & tapping machines —National Automatic Tool Co., Richmond, Ind.
NATCO tile silos—Cowmatic Corp., Lynchburg, Va.
NATHAN automobile trunks—Nathan Novelty Mfg. Co., 55 5th av, New York
NATHAN injectors, lubricators—Nathan Mfg. Co., 416 E. 106th, New York
NATIONAL air compressors, vacuum pumps — National Steam Pump Co., Upper Sandusky, Ohio
NATIONAL air valves—National Steam Specialty Co., 16 S. Clinton, Chicago, Ill.
NATIONAL aqua & angydrous ammonia — National Ammonia Co., 3600 N. Broadway, St. Louis, Mo.
NATIONAL ash sifters—National Can Co., 36 Washington, Boston, Mass.
NATIONAL asphalt heaters, barrows, lead melting furnaces, trucks, coal & dumping cars—Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
NATIONAL asphalted pipe, bedstead & bicycle tubing, boiler tubes, columns, casing, flange union pipe for bends; coils & posts, hydraulic pipe, pipe & tube mills, tuyere pipe, square & steel tubing, tubular steel poles, rolling mills—National Tube Co., Frick bldg, Pittsburgh, Pa.
NATIONAL bankers' safety paper—Geo. La Monte & Son, 61 Broadway, New York
NATIONAL barn door hangers—National Mfg. Co., Sterling, Ill.
NATIONAL belting, belt dressing, clutch linings—National Leather Mfg. Co., Niles, Mich.
NATIONAL bicycles—Davis Sewing Machine Co., Dayton, Ohio
NATIONAL boiler injectors—Champion Hardware Co., Geneva, Ohio
NATIONAL bottle washing & soaking machines, pasteurizing machines—Barry-Wehmiller Machinery Co., 4660 Florissant av, St. Louis, Mo.
NATIONAL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
NATIONAL button hole cutters—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
NATIONAL air brakes, air compressors, emergency & motorman's valves & pneumatic governors—National Brake & Electric Co., ft. Belleview pl, Milwaukee, Wis.
NATIONAL car couplers, car buffers—National Car Coupler Co 332 S. Michigan, Chicago, Ill.
NATIONAL carriage fasteners—National Lock Washer Co., 65 Johnson, Newark, N. J.
NATIONAL cast iron pipe, cast iron culverts—American Casting Co., Birmingham, Ala.
NATIONAL cattle guards—National Surface Guard Co., 343 S. Dearborn, Chicago, Ill.
NATIONAL cement sewer pipe machinery — Quinn Wire & Iron Works, Boone, Ia.
NATIONAL clover bunchers—National Harrow Co., LeRoy, Ill.
NATIONAL cold rolled steel, soft steel—Parkersburg Iron & Steel Co., Parkersburg, W. Va.
NATIONAL concrete inserts—Steel Co., Youngstown, Ohio
NATIONAL cream separators—National Dairy Machine Co., Goshen, Ind.
NATIONAL cream separators—National Enameling & Stamping Co., 411 5th av, New York
NATIONAL cultivators—Roderick Leon Mfg. Co., Mansfield, Ohio
NATIONAL display racks—Weston Paper & Mfg. Co., Dayton, Ohio
NATIONAL door hangers—National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.
NATIONAL drill chucks—Oneida National Chuck Co., Oneida, N. Y.
NATIONAL drills, reamers, milling cutters, counterbors—National Twist Drill & Tool Co., Detroit, Mich.
NATIONAL feed cookers—Heller-Aller Co., Napoleon, Ohio
NATIONAL feed water heaters, steam separators—National Pipe Bending Co., New Haven, Conn.
NATIONAL flint paper, steel wool & shavings—R. J. Waddell & Co., 52 Beekman, New York
NATIONAL hand power grinders—A. A. Wood & Sons Co., Atlanta, Ga.
NATIONAL garden cultivators, land & field rollers—Thornbaugh Mfg. Co., Bowling Green, Ohio
NATIONAL garden cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
NATIONAL gas stoves, heaters, radiators, wood ranges—American Stove Co., 827 Chouteau av, St. Louis, Mo.
NATIONAL gauges, indicators, thermometers & ammeters—National Gauge & Equipment Co., La Crosse, Wis.
NATIONAL gauges, test pumps, vacuum valves—National Steam Specialty Co., 14 S. Clinton, Chicago, Ill.
NATIONAL guard rail clamps—Q. & C. Co., 90 West, New York
NATIONAL heaters—National Heater Co., Cleveland, Ohio
NATIONAL hot air furnaces—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
NATIONAL hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.
NATIONAL hot water regulators—National Regulator Co., 208 S. Jefferson, Chicago, Ill.
NATIONAL key-seating tools, milling machines—National Machine Tool Co., Cincinnati, Ohio
NATIONAL portable lamp guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
NATIONAL lawn clothes dryers, lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.
NATIONAL lawn sprinklers—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
NATIONAL lock lever faucets—National Brass Mfg. Co., Rochester, N. Y.
NATIONAL lock washers—Riverside Steel Spring Co., Riverside, N. J.
NATIONAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.
NATIONAL maple flooring—A. L. Dennis Salt & Lumber Co., Grand Rapids, Mich.
NATIONAL metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
NATIONAL neck yokes—National Neck Yoke Co., Rock Island, Ill.
NATIONAL oil soap, soap powders—Devillers Soap Co., 95 Cliff, New York
NATIONAL paints—National Paint & Varnish Co., 8709 Kinsman rd, Cleveland, Ohio
NATIONAL paper cutting machines—Highland Mach. Co., 58 Kemble, Boston, Mass.
NATIONAL pipe hangers & unions—Thos. Devlin Mfg. Co., 3d & Lehigh av, Phila., Pa.
NATIONAL pipe joint cements—Prier Brass Mfg. Co., Kansas City, Mo.
NATIONAL pliers & nippers—National Plier Co., Inc., 67 Forest av, Buffalo, N. Y.
NATIONAL pneumatic water supply systems—National Steel Tank & Mfg. Co., Bradford, Ill.

NATIONAL porcelain inssulators—National Insulator Co., Ford City, Pa.
NATIONAL portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.
NATIONAL postage stamp affixing machines—National Envelope Sealing & Stamping Co., Providence, R. I.
NATIONAL printing presses—National Machine Co., Hartford Conn.
NATIONAL pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
NATIONAL razor strops—National Cutlery Co., Phila., Pa.
NATIONAL rheostats & controllers—National Electric Controller Co., 154H Whiting, Chicago, Ill.
NATIONAL road machine & graders, dumping wagons—Good Roads Machinery Co., Kennett Sq., Pa.
NATIONAL rubber hose & packing—National India Rubber Co., Bristol, R. I.
NATIONAL rubber tires—National Rubber Co., Pottstown, Pa.
NATIONAL sewage disposal outfits—Henry A. Noble Co., 203 Dock, Phila., Pa.
NATIONAL shaking grates—Wm. H. Baker, Trenton, N. J.
NATIONAL shaking & dumping grates, ring oiling hangers—National Foundry Mfg. & Supply Co., Williamsport, Pa.
NATIONAL shears—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
NATIONAL smoke helmets—S. F. Hayward & Co., 250 W. 54th, New York
NATIONAL stamp steel fixture studs, outlet boxes & covers, locknuts & bushings, & solid switch boxes—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.
NATIONAL steel split pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
NATIONAL steel wire mats—Barbe Wire & Iron Works, 111 Washington, Chicago, Ill.
NATIONAL step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
NATIONAL stock fountains—National Tubular Axle Co., Emigsville, Pa.
NATIONAL stoves & ranges—Excelsior Stove & Mfg. Co., Quincy, Ill.
NATIONAL sugar cane shredders—Newell Mfg. Co., 149 Broadway, New York
NATIONAL thermometers, tachometers, pyrometers, gauges, marine clocks—National Gauge Co., 300 Pacific, Brooklyn, N. Y.
NATIONAL ventilators—National Skylight & Ventilator Co., Rochester, N. Y.
NATIONAL wall & ceiling—Universal Brush Co., 181 Quincy, Chicago, Ill.
NATIONAL water filters—Federal Filter Co., 1300 Grand av, Chicago, Ill.
NATIONAL water lifts—National Water Lift Co., Kalamazoo, Mich.
NATIONAL weather strips—National Metal Weather Strip Co., Pittsburgh, Pa.
NATIONAL weather vanes—National-Standard Co., Box 211, Niles, Mich.
NATIONAL wind shields—National Auto Top Co., 244 W. 49th, New York
NATIONAL wire fences—Am. Steel & Wire Co., 208 La Salle, Chicago, Ill.
NATIONAL wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.
NATIONAL wire stitching machines—Gitzendanner-Muller Co., 15 Vandewater, New York
NATIONAL wrenches—Frank Mossberg Co., Attleboro, Mass.
NATIONAL A. B. C. die blocks—National Forge & Tool Co., Irvine, Pa.
NATIONAL B. heat intensifiers & pipe joint compound—National Steam Spec. Co., 16 S. Clinton, Chicago, Ill.
NATIONAL CHAMPION curtain stretchers—Holmquist & Swanson, Superior & California av, Chicago, Ill.
NATIONAL CLEVELAND milling cutters—National Tool Co., Cleveland, Ohio
NATIONAL HUSTLER hot air furnaces—National Furnace Co., Dayton, Ohio
NATIONAL MAZDA lamps—General Electric Co., Schenectady, N. Y.
NATIONAL PATTERN lock washers—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
NATIONAL QUALITY wood tanks—National Tank & Pipe Co., 275 Oak, Portland, Ore.
NATIONAL SAFETY ticket paper—Geo. La Monte & Son, 61 Broadway, New York
NATIONAL STAR hot air furnaces—National Furnace Co., Dayton, Ohio
NATIONAL & WHITE PROJECTOR arc light carbons—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
NATITE artificial corundum—Harrison Supply Co., 209 Washington, Boston 9, Mass.
NATITE & corundum mfrs.—National Abrasive Co., 209 Washington, Boston, Mass.
NATIVE packing & rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
NATRONA bi-carbonate of soda—Pennsylvania Salt Mfg. Co., Widener bldg., Philadelphia, Pa.
NATURAL SPRING sanitary drinking fountains—March-Tenny Co., Muskegon Hghts., Mich.
NATURAL VOICE talking machines—Natural Voice Phonograph Co., Inc., Oneida, N. Y.
NATURO water closets—Walls, Owen & Stambach Co., 1041 Ridge av, Phila.. Pa.
NATWELD WELDING OUTFIT gauges—National Gauge & Equipment Co., La Crosse, Wis.
NATWIRE—wire specialties, rat traps—Wickwire Spencer Steel Corp., Worcester, Mass.
NAUMKEG marine engines—Zina Goodell, Salem, Mass.
NAVAJO horse blankets—J. L. Hubbell, Ganado, Ariz.
NAVALITE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.
NAVALITE marine varnish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
NAVAL NICKEL babbitt metal—Union Smelting & Refining Co., Inc., 62 Park row, New York
NAVY belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
NAVY boat anchors—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
NAVY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
NAVY oil cups—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
NAVY padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
NAYLOR vortex steam separators—Hewes & Phillips Iron Works, 8 Orange, Newark, N. J.
NAZARETH cement—Nazareth Cement Co., Nazareth, Pa.
NAZEL air hammers—Nazel Engineering Works, 4049 N 5th, Phila., Pa.
NAZEL pneumatic forging & power hammers—Nazel Engineering & Machine Works, 4049 N. 5th, Phila., Pa.
NEAPOL closets—Crane Co., 836 S Michigan av, Chicago, Ill.
NEARWELL closets—Crane Co., 836 S Michigan av, Chicago, Ill.
NEBACO drill chucks—Nielson-Barton Chuck Co., 106 S Jefferson, Chicago, Ill.
NEBO caboose stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
NECO ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
NEDUS drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
NEEVEL adjustable screw clamps—Neevel Mfg. Co., Kansas City, Mo.
NEGLEY drag line excavators—Indianapolis Cable Excavator Co., Indianapolis, Ind.
NEGRITE roofing paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
NEIDER tufting buttons—F. A. Neider Co., Augusta, Ky.
NELLA fire extinguisher—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
NELLIS grapple forks—Milwaukee Hay Fork Co., Milwaukee, Wis.
NELLIS grapple forks—J. E. Porter Co., Ottawa, Ill.
NELLIS grapple forks—G. A. Swineford Co., Canton, Ohio
NELLIS grapple forks—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
NELLIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
NELSON blowers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
NELSON cell caustic soda & chlorine—Warner Chemical Co., 52H Vanderbilt av, New York
NELSON feed water filters, oil extractors—John Acton, 118 John, Brooklyn, N. Y.
NELSON loose pulleys—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
NELSON metal polish—Jewel Mfg. Co., 2100 Marshall blvd, Chicago, Ill.
NELSON sanitary drinking fountains—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
NELSON'S extension brush holders—Samuel Nelson, 1748 Grace, Chicago, Ill.
NEMO car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
NEMO corn brooms—Universal Broom Co., Chattanooga, Tenn.
NE PLUS ULTRA padlocks—Slaymaker Lock Co., Lancaster, Pa.
NEOLA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NEOSOTE wood preservative—Protexol Corp., 41 Barclay, New York
NEPONSET electric fixtures & portables—Coffin Valve Co., Neponset, Boston, Mass.
NEPONSET PARVIT asphalt roofing & paper—Bird & Son, East, Walpole, Mass.
NEPONSET roofing, deadening felts, insulating paper, saturated asphalt shingles, fibre shipping cases Bird & Son, East Walpole, Mass.
NEPTO bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
NEPTUNE belting & belt cements—Graton & Knight Mfg. Co., Worcester, Mass.
NEPTUNE DYNAMO belting—Graton & Knight Mfg. Co., Worcester, Mass.
NEPTUNE engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NEPTUNE fishing reels—General Phonograph Corp., 25 W. 45th, New York
NEPTUNE insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
NEPTUNE pneumatic water supply systems—Fleck Bros. Co., Phila., Pa.
NEPTUNE suction hose—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
NEPTUNE ATLANTIC rubber-covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
NEREIS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
NERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
NERVEZE rubber heels—Plymouth Rubber Co, Canton, Mass.
NESBIT hot air furnaces—Standard Furnace & Supply Co., Omaha, Neb.
NESCO ash sifters, fry pans, roasters & baking pans, poultry fountains, steel shipping barrels—National Enameling & Stamping Co., 411 5th av, New York

NESTOR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NESTOR paper weight—Dean & Williams Co., 4317 Elston av, Chicago, Ill.
NETHERLAND pipe hangers—John Simmons Co., 110 Centre, New York
NETMESH expanded lath—Milwaukee Corrugating Co., Milwaukee, Wis.
NETTLETON end cutting nippers—Starr Bros. Bell Co., East Hampton, Conn.
NEUACHAT gasoline soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.
NEUCO electric cooking apparatus—National Electric Utilities Corp., 103 Park av, New York
NEUMAR lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NEV low water alarms—W. T. Ostrander & Co., B'way, New York
NEVADA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NEV-A-BURN stove polish—Chase, Roberts & Co., West av, Long Island City, N. Y.
NEVASLIP veneer panels & car roofing—Keyes Products Co., 120 B'way, New York
NEVER-BEND wash boilers—H. Behrens Mfg. Co., Winona, Minn.
NEVERBREAK buckskin lace leather—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
NEVER-BREAK furnace casing rings—Walworth Run Foundry Co., 2488 W. 27th, Cleveland, Ohio
NEVER BREAK lamp guards—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEVER-BREAK lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
NEVER BREAK pike poles, rising forks—Columbus Handle & Tool Co., Columbus, Ind.
NEVER-BREAK plumbers' wood work—Shwab Bros. Co., 811 E. 9th, New York
NEVER BREAK roof snow guards—F. N. Peter & Bro., Newside, Pa.
NEVER BREAK sash locks—Champion Hardware Co., Geneva, Ohio
NEVERBREAK saw vises—Clipper Tool Co., 284 Mills, Buffalo, N. Y.
NEVERBREAK tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
NEVER burn enamels—Northwestern Chemical Co., Marietta, Ohio
NEVER CREEP fence anchors—Chance Mfg. Co., Centralia, Mo.
NEVER DRIP mortar hods—Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, O.
NEVER DRIP wax tapers—Columbia Wax Works, 751 E. 137th, New York
NEVER-FAIL animal pokes—Hughes & Smythe, Galena, Ohio
NEVERFAIL corn shellers—Fate-Root-Heath Co., Plymouth, Ohio
NEVER FAIL lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
NEVER FAIL oil cans, automobile tanks—J. A. Harps Mfg. Co., Greenfield, Ohio
NEVERFALL boiler oil feeders—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
NEVER-GUM pneumatic tool lubricants—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, O.
NEVER JAR LOOSE lock nuts—Drake Lock Nut Co., 10th & Folsom, San Francisco, Cal.
NEVER LEAK oil cans—Delphos Mfg. Co., Delphos, Ohio
NEVER LEAK range boilers—Fleck Bros. Co., 44 N. 5th, Phila., Pa.
NEVERLEAK tire fluid—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
NEVER-MISS spark plugs—Lockwood Ash Motor Co., Jackson, Mich.
NEVEROUT bicycle and carriage lamps and garage heaters—Rose Mfg. Co., 910H Arch, Phila, Pa.
NEVER-RUB bow separators—Springfield Auto Top & Upholstering Co., Springfield, Mass.
NEVERUST exhaust heads—Franklin Williams, Inc., 39 Cortlandt, New York
NEVER RUST for compound tools—Bancroft & Co., Harrison bldg., Phila., Pa.
NEVERSAG foundry riddles—C. O. Jelliff Mfg. Co., Southport, Conn.
NEVERSINK boat cushions—Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago, Ill.
NEVER-SINK mooring buoys—Jordan Bros. Lumber Co., 300 Main, Norfolk, Va.
NEVER SKIDS for motor truck tires—Never Skid Mfg. Co., 150 Nassau, New York
NEVER-SLIP basin clamps—Wolverine Brass Works, Grand Rapids, Mich.
NEVERSLIP belt dressing—White & Bagley Co., Worcester, Mass.
NEVER-SLIP can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
NEVER SLIP car movers—Ransome Concrete Machinery Co., Dunellen, N. J.
NEVER SLIP car movers—Hilts Wrench & Mfg. Co., Richford, N. Y.
NEVERSLIP drive calks & side cutting pliers—Manufacturers Neverslip Works, New Brunswick, N. J.
NEVERSLIP farm tractors—Monarch Tractor Co., Watertown, Wis.
NEVERSLIP hose clamps—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
NEVER SLIP hose couplings—H. F. Neumayer & Son, Macungie, Pa.
NEVERSLIP ice creepers—Judson L. Thomson Mfg. Co., Roberts Station, Waltham, Mass.
NEVERSLIP lock washers—National Umbrella Frame Co., 30th & Thompson, Philadelphia, Pa.
NEVER SLIP MONARCH can openers—Dover Stamping & Mfg. Co., Cambridge, Mass.
NEVER SLIP nail pullers—Belden Machine Co., New Haven, Conn.
NEVERSLIP plumbers' solder—E. M. Lang Co., Portland, Me.
NEVER SLIP stove lid lifters—Adell Mfg. Co., Orange, Mass.
NEVERSLIP switch plates—Bethlehem Steel Co., So. Bethlehem, Pa.
NEVERSLIP tractors—Monarch Tractor Co., Watertown, Wis.
NEVERSLIP wire stretchers—Warren Specialty Mfg. Co., Warren, Ohio
NEVER-SMEAR rubber stamp inks—Keystone Stationery Mfg. Co., 539 Wood, Pittsburgh, Pa.
NEVER-SPLIT closet seats—Never-Split Seat Co., Evansville, Ind.
NEVER-STRETCH measuring tapes—W. G. Browne Mfg. Co., Kingston, N. Y.
NEVER TIP wire strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEVER TURN linemen's climbers, wire connectors—Smith & Hemenway Co., Inc., 261H B'way, New York; 130H Coit, Irvington, N. J.
NEVER-TURN track bolts—Bethlehem Steel Co., So. Bethlehem, Pa.
NEVER TWIST screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
NEVERWEAR steel restaurant tables, revolving top stools—Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
NEW lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
NEW AMERICAN law mowers—F. & N. Lawn Mower Co., Richmond, Ind.
NEWAGARD switch boxes, panel board cabinets, stage & receptacle plugs—Henry Newgard & Co., 953 Washington blvd., Chicago, Ill.
NEWARK dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
NEWARK fire boat nozzles & turret fire hose—A. W. Wheaton Brass Works, 110 Walnut, Newark, N. J.
NEWARK gauge glass cutters—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
NEWARK water pots—Central Stamping Co., 172 Fulton, New York
NEWARK POTTERY calcined plaster—Newark Plaster Co., 65 Bridge, Newark, N. J.
NEWAYGO cement mfrs.—Newaygo Portland Cement Co., Grand Rapids, Mich.
NEWBERRY lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
NEW BANNER anvil, vise & drill—Bloomfield Mfg. Co., Bloomfield, Ind.
NEW BOSS garden cultivators—Buffum Tool Co., South Side, Louisiana, Mo.
NEW BRITAIN drill chucks—Union Mfg. Co., New Britain, Conn.
NEW BRITAIN gear cutting machy., farm tractors, steel factory equipment, saw clamps & vises, screw chucking & polishing machines, turret lathes, bench legs, shop pans, steel shelving, sheet steel boxes & scraping tables—New Britain Machine Co., New Britain, Conn.
NEW BROOKE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
NEW BUCKEYE portable saw mills—Enterprise Co., Columbiana, Ohio
NEWBURGH lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW CENTURY carbon black—L. Martin Co., 81 Fulton, New York
NEW CENTURY corn binders, grain harvesters—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
NEW CENTURY fruit & vegetable parers—Goodell Co., Antrim, N. H.
NEW CENTURY gas & oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
NEW CENTURY grain separators—Aultman & Taylor Machinery Co., Mansfield, Ohio
NEW CENTURY lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.
NEW CENTURY metallic shingles & roofing tile—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
NEW CENTURY nut crackers & picks—Tri-angle Mfg. Co., Freeport, Ill.
NEW CENTURY padlocks—E. F. Fraim Lock Co., Lancaster, Pa.
NEW CENTURY pumps—F. E. Myers & Bro., Ashland, Ohio
NEW CENTURY screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
NEW CENTURY THREE STAR cultivators—Roderick Leam Mfg. Co., Mansfield, Ohio
NEW CHICAGO ice cream freezers—Horizontal Freezer Co., 18 W. Kinzie, Chicago, Ill.
NEWCODE ordinary receptacles—Stanley & Patterson, 23 Murray, New York
NEWCOMB carbureters—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
NEWCOMBE grease cups & plug lubricators—Dielmore Valve Co., Tacoma, Wash.
NEWCUP oil & grease cup lubricators—Newton Mfg. Co., Plainville, Conn.
NEW DANDY shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.
NEW DEPARTURE battery motors—Lionel Mfg. Co., 48 E. 21st, New York
NEW DEPARTURE disc. cultivators—Pattee Plow Co., Monmouth, Ill.
NEW DEPARTURE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
NEW DEPARTURE mop sticks & holders—H. E. Hagglund, 410 W. Elm, Chicago, Ill.
NEW DEPARTURE stamp pads—B. C. Volger Mfg. Co., Passaic, N. J.
NEW DEPARTURE steel balls, ball bearings, bells & gongs, car journals, coaster brakes, cyclometers—New Departure Mfg. Co., Bristol, Conn.

NEW DIAMOND molders' flasks—Oscar Barnett Foundry Co., Irvington, N. J.
NEW DIAMOND sink strainers—Roseland Can & Specialty Co., Rockford, Ill.
NEW DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.
NEW DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.
NEW EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.
NEW EASY sled cultivators—Ohio Cultivator Co., Bellevue, Ohio
NEW EBBERT farm wagons—Pekin Wagon Co., Pekin, Ill.
NEW ECLIPSE lawn mowers—American Lawn Mower Co., Muncie, Ind.
NEW ECLIPSE sulky plows—Madison Plow Co., Madison, Wis.
NEWELLO magic slates—Richmond Bros. Co., 177 Chestnut, Newark, N. J.
NEW EMERALD cook stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
NEW ENGLAND kitchen enameled ware—New England Enameling Co., Middletown, Conn.
NEW ENGLAND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
NEW ENGLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
NEW ENGLAND lawn swings—C. W. H. Moulton Co., Somerville, Mass.
NEW ENGLAND rock crushers—New England Road Machinery Co., 15 S. Market, Boston, Mass.
NEW ENTERPRISE stoves—Pittston Stove Co., Pittston, Pa.
NEW ERA babbitt metal, metallic engine packing & phosphoro—New Era Mfg. Co., Kalamazoo, Mich.
NEW ERA check writing machines—New Era Mfg. Co., 450 4th av, New York
NEW ERA clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.
NEW ERA cultivators—Kingman Plow Co., Peoria, Ill.
NEW ERA dough mixing & kneading machinery—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.
NEW ERA grain drills—Dempster Mill Mfg. Co., Beatrice, Neb.
NEW ERA metal hot water bottles—Metal Specialties Co., Attleboro, Mass.
NEW ERA neck yokes—Reno Mfg. Co., Erie, Pa.
NEW ERA pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
NEW ERA plow mfrs.—C. Billups' Son & Co., Norfolk, Va.
NEW ERA postage stamp affixing machines—New Era Mfg. Co., 450 4th av, New York
NEW ERA pressure regulators—Locke Regulator Co., Salem, Mass.
NEW ERA printing machinery—Regina Co., 47 W. 34th, New York
NEW ERA shovel plows—Gale Mfg. Co., Albion, Mich.
NEW ERA tank heaters—Butler Mfg. Co., Kansas City, Mo.
NEW ERA waffle irons—Indiana Hollow Ware Co., Jeffersonville, Ind.
NEW ERA wagon loaders—Austin Mfg. Co., 910 S. Michigan av, Chicago, Ill.
NEW ERA water coolers—Buffalo Mfg. Co., Buffalo, N. Y.
NEW EUREKA belt lacing—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
NEWEST electric illuminated signs—Electro-Ad Co., 49 W. Larned, Detroit, Mich.
NEW-EST electric illuminated signs—Phelps Mfg. Co., 49 W. Larned, Detroit, Mich.
NEW EUREKA molders' flasks—Smith & Caffrey Co., Syracuse, N. Y.
NEW EXCELSIOR horse lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW FINISH furniture polish—Baum Bros. Co., Denver, Colo.
NEW FOOT LIFT gang & sulky plows—J. I. Case Plow Wks., Racine, Wis.
NEW FOSSTON fanning mills—Fosston-Carpenter Co., St. Paul, Minn.
NEW GIANT barn door hangers—Lawrence Bros., Sterling, Ill.
NEW GLOBE rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
NEW GREAT WESTERN threshers—Harrison Machine Works, Belleville, Ill.
NEWHALL multiple effects evaporators—Geo. M. Newhall Engineering Co., Commercial Trust bldg., Phila., Pa.
NEW HAVEN brick press machines—Eastern Machinery Co., New Haven, Conn.
NEW HAVEN EDGE TOOL CO. box scrapers—Sargent & Co., New Haven, Conn.
NEW HAVEN novelty bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
NEW HAVEN sand blast machines & equipment—New Haven Sand Blast Co., New Haven, Conn.
NEW HAVEN trolley wheels & trolley wheel bushings—H. B. Ives Co., New Haven, Conn.
NEW HERO fodder cutters—Appleton Mfg. Co., Batavia, Ill.
NEW HIST potato diggers—Hist Potato Machinery Co., Alliance, Ohio
NEW HOLLAND corn & cob mills—New Holland Machine Co., New Holland, Pa.
NEW HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
NEWHOUSE animal traps—Oneida Community (Ltd.), Oneida, N. Y.
NEW HUBER steam road rollers, self-feeders & band cutters, traction engines—Huber Mfg. Co., Marion, Ohio
NEW I-D folding seats—Fernald Mfg. Co., North East, Pa.
NEW IDEA acetylene gas machines—Texas Acetylene Co., Cleburne, Texas
NEW IDEA bed & furniture casters—Faultless Caster Co., Evansville, Ind.
NEW IDEA garden cultivators, manure spreaders, spring tooth harrows—New Idea Spreader Co., Coldwater, Ohio
NEW IDEA gas ranges—A. B. Stove Co., Battle Creek, Mich.
NEW IDEA hog rings—Decker Mfg. Co., Keokuk, Ia.
NEW IDEA paper folding machines—Cleveland Folding Machine Co., 5200 Euclid av, Cleveland, O.
NEW IDEA pipeless furnaces—Utica Heater Co., Utica, N. Y.
NEW IDEA soldering flux—Wm. J. Hartwig Co., 205 E. Jefferson, Detroit, Mich.
NEW IDEA wagon jacks—Samuel S. Joy, Rockingham, N. H.
NEW IDEAL floor hinges—Stover Mfg. & Engine Co., Freeport, Ill.
NEW INGERSOLL coal cutting machines—Ingersoll-Rand Co., 11 Broadway, New York
NEW JAP door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
NEW JERSEY metal polish—N. J. Paint Works, Jersey City, N. J.
NEW JUDSON steam engine governors—Vicksburg Governor Co., Vicksburg, Mich.
NEW KINK pot covers—Republic Metalware Co., Buffalo, N. Y.
NEW LAWN sprinklers & hose nozzles—H. F. Neumeyer & Sons, Macungie, Pa.
NEW LIBERTY clothes washing machines—Fosston-Carpenter Co., St. Paul, Minn.
NEW LION harrows—Ohio Rake Co., Dayton, Ohio
NEW LUSTRO furniture polish—Continental Mfg. Co., Indianapolis, Ind.
NEW MAGIC lawn mowers—Dille & McGuire Co., Richmond, Ind.
NEWMAN emery planers—Tanite Co., Stroudsburg, Pa.
NEWMAN foot valves—A. & F. Brown Co., 79 Barclay, New York
NEWMARKET cultivators, spring tooth harrows—South Bend Chilled Plow Co., South Bend, Ind.
NEW MARKET gas burners—Am. Lava Corp., Chattanooga, Tenn.
NEW MARKET gas burners—American Lava Corp., Chattanooga, Tenn.
NEW MARSEILLES cylinder shellers—Marseilles Wks. of Deere & Co., E. Moline, Ill.
NEW MILLER clothes washing machines—N. C Baughman, York, Pa.
NEW MITE push buttons—Edwards & Co., Exterior av & 140th, New York
NEW MODEL clover cutters—E. C. Stearns & No. 256 Co., 450 Oneida, Syracuse, N. Y.
NEW MODEL lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW MODEL sickel grinders—R. Herschel Mfg. Co., Peoria, Ill.
NEW MODEL straight ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
NEW MODERN feed carriers, stock fountains, farm gates—Glor Bros. & Willis Mfg. Co., Attica, N. Y.
NEW MONARCH automatic pile drivers, hammers—Henry J. McCoy, 65 Dey, New York
NEW MYSTIC lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
NEW 1903 METROPOLITAN garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.
NEW NO. 8 feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio
NEW OHIO cultivators—Ohio Cultivator Co., No. 256 Belleville, Ohio
NEW OHIO fodder shredders—Silver Mfg. Co., Salem, Ohio
NEW ORLEANS pattern hooks—Sargent & Co., New Haven, Conn.
NEW OWATONNA churns—Owatonna Fanning Mill Co., Owatonna, Minn.
NEW PEERLESS grain separators—Emerson-Brantingham Co., Rockford, Ill.
NEW PEERLESS lawn mowers—American Lawn Mower Co., Muncie, Ind.
NEW PEORIA coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
NEW PERFECTION kitchen cabinets, oil cook stoves & ovens—Cleveland Metal Products Co., Platt av, Cleveland, O.
NEW PHOENIX open batteries—American Carbon & Battery Wks. of National Carbon Co., Inc., East St. Louis, Ill.
NEWPORT lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
NEWPORT oils, rosin & turpentine—General Naval Stores Co., 90 West, New York
NEWPORT stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston Mass.
NEW PRIME cultivators—Racine-Sattley Co., Springfield, Ill.
NEW PRIZE stoves—Grinberg Bros., 154 South, New York
NEW PRIZE sweep horse powers—Appleton Mfg. Co., Batavia, Ill.
NEW PROCESS air, water, steam & gasoline hose—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
NEW PROCESS punches & dies—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.
NEW PROCESS gas stoves, parlor gas grates, oil stoves & heaters—American Stove Co., 827 Chouteau av, St. Louis, Mo.
NEW PROCESS chilled steel shot & sand blast abrasives—Harrison Supply Co., 209 Washington, Boston 9, Mass.
NEW QUAKER lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.

NEW RACINE threshers—Belle City Mfg. Co., Racine, Wis.
NEW RAPID ice breakers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
NEW RAPID nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEW RED plumbing specialties—Garrison Brass & Machine Wks., 107 W 13th, New York
NEW REGAL heating stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
NEW ROBINSON wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.
NEW ROGERS scroll saws—Millers Falls Co., 28 Warren, New York
NEW ROVER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
NEW ROYAL family sewing machines—Free Sewing Machine Co., Rockford, Ill.
NEW ROYAL poultry coops—Defiance Box Co., Defiance, Ohio
NEW ROYAL sewing machines—Illinois Sewing Machine Co., Rockford, Ill.
NEW ROYAL stoves—Grinberg Bros., 154 South, New York
NEW SAMSON automobile jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
NEW SANITARY hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
NEW SINTON baths—Crane Co., 836 S Michigan av, Chicago, Ill.
NEW SMITH farm wagons—Pekin Wagon Co., Pekin, Ill.
NEW SOUTH farm wagons—Auburn Wagon Co., Martinsburg, W. Va.
NEW SOUTH BEND plows—South Bend Chilled Plow Co., South Bend, Ind.
NEW SPRAGUE can openers—N. R. Streeter & Co., Rochester, N. Y.
NEW STANDARD horse nails—Standard Horse Nail Co., New Brighton, Pa.
NEW STANDARD meat & food choppers — New Standard Hardware Works, Mt. Joy, Pa.
NEW STANDARD ore concentrators—Llewellyn Iron Works, Los Angeles, Cal.
NEW STANDARD scrap metal baling presses—Chicago Baling Press Mfg. Co., 305 S La Salle, Chicago, Ill.
NEW STATE concrete mixers—Demorest Mfg. Co., Enid, Okla.
NEW STOUGHTON farm wagons, harrow attachments—Stoughton Wagon Co., Stoughton, Wis.
NEW SUCCESS hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
NEW SUPERIOR fanning mills—J. L. Owens Co., Minneapolis, Minn.
NEW SUPERIOR gas engines, propeller wheels—Lake Shoe Engine Works, Marquette, Mich.
NEWTEN cupola furnaces—Northern Engineering Works, 9 Chene, Detroit, Wis.
NEW TEXAS cultivators—J. & I. Case Plow Co., Racine, Wis.
NEWTON drag road scrapers—Skow Mfg. Co., Newton, Ia.
NEWTON farm wagons—Emerson-Brantingham Co., Rockford, Ill.
NEWTON grain graders—One Minute Mfg. Co., Newton, Ia.
NEWTON steam separators, steam traps—Providence Steam Trap Co., 16 Diamond, Providence, R. I.
NEWTON & McGEE cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
NEWTONE automobile horns — Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
NEWTON'S railway crossing signals—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
NEW TORNADO disc harrows—B. F. Avery & Sons, Louisville, Ky.
NEWTYPE gate valves—Kennedy Valve Mfg. Co., Elmira, N. Y.
NEW UNDINE baths—Crane Co., 836 S Michigan av, Chicago, Ill.
NEW UNIVERSAL garden cultivators — Ames Plow Co., Quincy Hall, Boston, Mass.
NEW UNIVERSAL plow coulters—Moline Plow Co., Moline, Ill.
NEW VICTOR shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.
NEW WATSON potato sprayer pumps—Field Pump Co., Elmira, N. Y.
NEW-WAY alcohol engines — New Way Motor Co., Lansing, Mich.
NEW WAY corn planters, sulky plows—Racine-Sattley Co., Springfield, Ill.
NEW WAY CRYSTAL clothing wardrobes — Grand Rapids Show Case Co., Grand Rapids, Mich.
NEW WAY door hangers, girder tracks, barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
NEW WAY road culverts & wall ties—Beatrice Steel Tank Mfg. Co., Beatrice, Neb.
NEW WEST carriage top dressing—L. M. West's Sons, Rockford, Ill.
NEW WESTERN shoveling boards—True Mfg. Co., Eaton Rapids, Mich.
NEW WESTERN shoveling & end Gate boards—W. B. Sturges & Sons, Shelbyville, Ill.
NEW WINDSOR cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
NEW WING aluminum mailer—Chauncey Wing's Sons, Greenfield, Mass.
NEW WRIGHT gas sad irons—Wright Gas Iron & Novelty Co., Phila., Pa.
NEW WRINKLE incandescent lamp sockets—Bryant Electric Co., Bridgeport, Conn.
NEW YANKEE grinders—Willmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
NEW YORK automatic bottle corking machines—U. S. Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
NEW YORK boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
NEW YORK feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
NEW YORK grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.
NEW YORK ground connection clamps — Yonkers Specialty Co., Yonkers, N. Y.
NEW YORK roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
NEW YORK SAFETY dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
NEW YORK slat irons—C. Cowles & Co., New Haven, Conn.
NEW YORK step ladders—W. W. Babcock Co., Bath, N. Y.
NEW YORK CHAMPION grain drills — Champion Drill Co., Avon, N. Y.
NEW YORK CHAMPION sulky hay rakes—Bateman Mfg. Co., Grenloch, N. J.
NEY wire stretchers—Ney Mfg. Co., Canton, Ohio
NI copper heat resistance wire for Railway Industion motor winding—General Electric Co., Schenectady, N. Y.
NIAGARA automatic fire sprinklers — Automatic Sprinkler Co. of America, 127 William, New York
NIAGARA belting & hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NIAGARA blast furnaces—Tonawanda Iron & Steel Co., North Tonawanda, New York
NIAGARA blind hinges & self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
NIAGARA boys' axes — American Axe & Tool Co., Glassport, Pa.
NIAGARA chemicals—National Electrolytic Co., Inc., Niagara Falls, N. Y.
NIAGARA clothes lines — Estes Mills, Fall River, Mass.
NIAGARA cooling coils—American District Steam Co., No. Tonawanda, N. Y.
NIAGARA currycombs, swivels & wall ties & bicycle wrenches—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
NIAGARA gas engines—Niagara Motose Corp., Dunkirk, N. Y.
NIAGARA grinders—Carborundum Co., Niagara Falls, N. Y.
NIAGARA hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
NIAGARA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
NIAGARA ladders—Bacon & Co., Gasport, N. Y.
NIAGARA lawn sprinklers—Novelty Mfg. Co., Waterbury, Conn.
NIAGARA lubricating greases—Buffalo Refining Co., 77 Main, Buffalo, N. Y.
NIAGARA magnetic separators, mechanical dustt collectors, bran dusters, flour mill aspirators, wheat scourers—Richmond Mfg. Co., Lockport, N. Y.
NIAGARA meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
NIAGARA oil & grease cup lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
NIAGARA oil soap graphite lubricants—Swan & Finch Co., 165 Broadway, New York
NIAGARA parting compounds—Keystone Foundry Supply Co., Buffalo, N. Y.
NIAGARA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
NIAGARA refrigerators—Niagara Refrigerator Works, 20 Superior, Buffalo, N. Y.
NIAGARA saltpetre—Battelle & Renwick, 80 Maiden la, New York
NIAGARA shaking grates—Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
NIAGARA sheet metal workers' machines & tools—Niagara Machine & Tool Works, 10 E. Worcester, Worcester, Mass.
NIAGARA vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
NIAGARA wall plaster stucco—Niagara Gypsum Co., Buffalo, N. Y.
NIAGARA water hose—O. C. Keckley Co., 318H Washington, Chicago, Ill.
NIAGARA water motors—Winfield H. Smith, Buffalo, N. Y.
NIAGARA waterproof belting mfrs.—Shultz Belting Co., Fourth & Barton, St. Louis, Mo.
NIAGARA CONOIDAL steel plate fans—Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
NIAGARA VESTPOKITRENZHIZ bicycle wrenches—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGRITE insulating tube—Johns-Manville, Inc., Madison av & 41st, New York
NIAGRATITE sheet packing—Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
NIAGRITE ASBESTOS sleeving—Johns-Manville Inc., Madison av & 41st, New York
NIBROC paper kraft, paper bond—Brown Company, Portland, Me.
NICE varnish & wood fillers—Eugene E. Nice, 272 S. 2nd, Phila., Pa.
NICHOLLS floor scrapers, marking gauges, takedown squares—Nicholls Mfg. Co., Ottumwa, Ia.
NICHOLS BROS. ice breakers, butchers' cleavers, cutlery & machinery, kitchen saws, slip & tree scrapers, etc.—Nichols Bros., Greenfield, Mass.
NICHOLS hose couplings & sand separators—E. M. Nichols, 212 W Washington Sq, Phila., Pa.
NICHOLS tap wrenches—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
NICHOLS-LINTERN sand boxes—Holland Trolley Supply Co., 1623 E. 43rd, Cleveland, Ohio
NICHOLSON arcing rings—Locke Insulator Mfg. Co., Victor, N. Y.

NICHOLSON expansion steam trap—Nicholson W. H. & Co., Wilkes-Barre, Pa.
NICHOLSON files & rasps—Nicholson File Co., Providence, R. I.
NICHOLSON speed indicating meters—Nicholson Ship Log Co., 409 Superior, N. W., Cleveland, O.
NICHOLSON tube expanders—W. H. Nicholson & Co., Wilkes-Barre, Pa.
NICHOLS & SHEPHARD straw burning traction engines & self feeders—Nichols & Shepard Co., Battle Creek, Mich.
NICHROME resistance wire, dipping baskets & wire cloth annealing & case hardening boxes—Driver-Harris Co., Harrison, N. J.
NICHROME II resistance wire—Driver-Harris Co., Harrison, N. J.
NICKEL plated alcohol sad irons—G. M. Thurnauer Co., 83 Worth, New York
NICKEL MINT peanut roasters—Bartholomew Co., Peoria, Ill.
NICKERSON porch columns—Nickerson Mfg. Co., Knoxville, Tenn.
NICK-I.-WORKS-CO. locomotive—McKinnon Iron Works Co., Ashtabula, Ohio
NICKOLAS lacquer—G. J. Nikolas & Co., 1227 W. Van Buren, Chicago, Ill.
NICOLENE metal novelties & specialties, inkstands & wells—National Sheet Metal Works, Peru, Ill.
NICOL'S fish tongs, twine boxes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
NIELSON fifth wheels—Donigan & Nielson, 743 3rd, Brooklyn, N. Y.
NIFTY can openers—Taylor Mfg. Co., Hartford, Conn.
NIGHT COMMANDER acetylene gas machines—U. S. Standard Co., Voorheesville, N. Y.
NIGRUM bearings, bushings & washers—Bound Brook Oil-less Bearing Co., Bound Brook, N. J.
NILE water hose—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
NILO water meters—Union Water Meter Co., Worcester, Mass.
NILSON tractors—Nilson Tractor Co., 1902 Riverside, Minneapolis, Minn.
NINE HUNDRED SERIES steam heaters—Gurney Heater Mfg. Co., 93-95 Oliver, Boston, Mass.
9386 type socket—General Electric Co., Schenectady, N. Y.
NINETEEN HUNDRED clothes washing machines—Nineteen Hundred Washer Co., 215H Clinton, Binghamton, N. Y.
NINETEEN HUNDRED CATARACT clothes washer—Nineteen Hundred Washer Co., 215H Clinton, Binghamton, N. Y.
1900 dry batteries—Nungesser Carbon & Battery Works of Natl. Carbon Co., 1170 E. 38th, Cleveland, Ohio
1901 plumbers' rubber elbows—H. O. Canfield Co., Bridgeport, Conn.
1913 concrete mixers—Lansing Co., Lansing, Mich.
98 TURNTABLE fruit & vegetable parers—Goodell Co., Antrim, N. H.
NINETY-NINE drain pipe cleaners — Chemical Products Co., 116 Christopher, New York
NINETY-SIX brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
NIOTUS rubber tubing—Quaker City Rubber Co., 629 Market, Phila., Pa.
NIP-IT strawberry hullers—Stephens, Windsor & Co., Waltham, Mass.
NIPPER wire rope clips—Wilcox, Crittendon & Co., Inc., Middletown, Conn.
NITELITE electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
NITRO FERTILE fertilizer—Fertile Chemical Co., E. 4th & Prospect, Cleveland, O.
NITROGLAS illuminating glassware, etc.—Jefferson Glass Co., 5 So. Wabash av, Chicago, Ill.
NITROLITES electric light fixtures—Harter Mfg. Co., 524 S. Clinton, Chicago, Ill.
NIVISION scythe snaths—Seymour Mfg. Co., Seymour, Ind.
NOAH'S machine paste—Boston Paste Co., 81 Traverse, Boston, Mass.
NOARK electric fuses, fuse boxes & electric meter protective devices—Johns Pratt Co., Hartford, Conn.
NOARK enclosed fuses, fuse boxes—Johns-Manville, Inc., Madison av & 41st, New York
NOBBY feed cutters—A. Buch's Sons Co., Elizabethtown, Pa.
NOB-E. NOB glide sliding furniture shoes—Victor Caster Co., Bridgeport, Conn.
NOBIND marine stuffing boxes—Upson-Walton Co. of N. Y., 291 B'way, New York
NOBLE self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
NOBLE'S auger bits—C. E. Jennings & Co., 71 Murray, New York
NOBLE'S magnetic separators—Capitol Brass Works, 596 Franklin, Detroit, Mich.
NOBLOK steam couplers—C. A. Clafiin Co., 60H Pearl, Boston, Mass.
NOBOLT curb service boxes & service box covers—Patterson Mfg. Co., Keystone bldg., Pittsburgh, Pa.
NO BOY bottle blowing machy—Lynch Glass Machy Co., Anderson, Ind.
NOBRAC paint & varnish mfrs., paints for coating—Patterson-Sargent Co., 1325 E. 38th, Cleveland, Ohio
NOBURN metal valve wheels—C. H. Yonts & Co., Meadville, Pa.
NOCER garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
NO-CO-DO enameled metal tile—Northrop Coburn & Dodge Co., 120 Liberty, New York
NO-CO-RO metal road culverts—Canton Culvert & Silo Co., Canton, O.
NOCOST pneumatic water supply systems—Illinois Pump & Brass Co., Peoria, Ill.
NO-DRIP oil cans—Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.
NO-DUST drying machinery, polishing machines—No Dust Drying Machine Co., 157 Dorrance, Providence, R. I.
NODUSTO sweeping compounds—Masury-Young Co., 196 Milk, Boston, Mass.
NO-DUST-O sweeping compounds—National Dust Dwn Co., 102 N. 1st, Brooklyn, N. Y.
NO-EQUAL cold storage & revolving doors—Jamison Cold Storage Door Co., Hagerstown, Md.
NOERA oil cans, oilers, collapsible drinking cups, lawn sprinklers, mowing machines—Noera Mfg. Co., Waterbury, Conn.
NO GASKET meter couplings—H. W. Clark Co., Mattoon, Ill.
NOGLARE gauge glasses—Corning Glass Works, Corning, N. Y.
NOHEET babbitt metal & metallic packing—Lubricating Metal Co., 2 Rector, New York
NOISELESS bath water heaters—Eynon-Evans Corp., N 15th & Clearfield, Phila., Pa.
NO-KEY padlock locks—American Keyless Lock Co., 619 W. Jackson, Chicago, Ill.
NOKORODE paste & salts soldering—M. W. Dunton Co., 150 Niagara, Providence, R. I.
NOKORODE solderkit soldering sets—M. W. Dunton Co., 150 Niagara, Providence, R. I.
NOKOROS unions—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
NOLA buckets, cornices, roofing, tanks, ventilators, etc.—New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
NOLAN blow-off valves—Schiller, Nolan & Co., Darien & Wood, Phila., Pa.
NOLAN blow-off valves—Schiller, Nolan & Co., 820 Cherry, Phila., Pa.
NO-MAR chemical dust mops—No-Mar Mfg. Co., Cleveland, Ohio
NOMAR wood stains—John W. Masury & Son, 50 Jay, Brooklyn, N. Y.
NOMAS open & closed circuit batteries—Electric Goods Mfg. Co., Canton, Mass.
NO MORE DUST sweeping compounds—Climax-Western Oil Co., 2824 10th av, Minneapolis, Minn.
NOMOREDUST sweeping compounds—Cedar-Sweep Co., Los Angeles, Cal.
NO-NAME flour sifters—Peoria Can Co., Peoria, Ill.
NON BURN asbestos brake lining—Johns-Manville, Inc., Madison av & 41st, New York
NON-CLOG spray nozzles—E. C. Brown Co., Rochester, N. Y.
NON CLOGGABLE casters—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio
NON-COLLAPSIBLE copper floats—Michigan Metal Spinning Mfg. Co., 528 E Woodbridge, Detroit, Mich.
NONE-HOLD back screen door hinges—Grey Iron Casting Co., Mt. Joy, Pa.
NONEQUAL furniture polish—Keep Bros., 225 Sansom, Phila., Pa.
NONE-SUCH belting & leather aprons—Pechlin Belting Co., 700 N. Front, Phila., Pa.
NONE-SUCH brooders—Indianapolis Corrugating Co., Indianapolis, Ind.
NONE SUCH can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
NONE-SUCH coffee or spice mills—Mirroscope Co., 168th & Waterloo, Cleveland, O.
NONESUCH feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
NONESUCH plating machines, plating barrels—A. P. Munning Co., Matawan, N. J.
NONEX gauge glasses, glass battery jars, glass chimneys, lantern globes—Corning Glass Works, Corning, N. Y.
NON-FLAKE typewriter carbon paper—Pen Carbon Manifold Co., New Brunswick, N. J.
NON-FLUID lubricating oils & greases—N. Y. & N. J. Lubricant Co., 165 Broadway, New York
NON-GRAN bronze metal bearings, bushings, castings—American Bronze Corp., Berwyn, Pa.
NONLEAKABLE asphalt heaters—Connery & Co., Luzerne & 2nd, Phila., Pa.
NONPAREIL automobile trailer trucks—Nonpareil Mfg. Co., Cochranton, Pa.
NONPAREIL babbitt metal—Theo. Hiertz Metal Co., Alaska & Tesson, St. Louis, Mo.
NONPAREIL bone mills, corn & cob mills—L. J. Miller, 1223 Harrison av., Cincinnati, O.
NONPAREIL cork pipe & boiler coverings, cork tile, corkboard insulation—Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
NONPARIEL cork tile—David E. Kennedy (Inc.), 62 W. 14th, New York
NONPAREIL electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
NONPAREIL generator valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
NONPAREIL packing, belt dressing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.
NONPAREIL stamp paste & isinglass—Robert Keller, 334 3rd, Phila., Pa.
NONPAREIL steam heaters—Enoch Rutzler Co., 404 E. 49th, New York
NONPAREIL tongue blades—E. B. Estes & Sons, 364 5th, av, New York
NON-RUST wrought iron turnbuckles—Harbor Mach. Co., 183 High, Boston, Mass.
NON-SHINE chair pads—Non-Shine Pad Co., 105 N. Marshall, Phila., Pa.
NON SKID listers—J. I. Case Plow Wks., Racine, Wis.
NON-SKID stone stair treads—Euclid Stone & Brick Co., Cleveland, Ohio
NON-SMUT carbon paper—Imperial Mfg. Co., 297 Washington, Newark, N. J.

NON-SPLIT closet seats—Wm. S. Emery, 118 E. 28th, New York.
NON-THEFT match box holders—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
NOOGA cornices—Chattanooga Roofing & Foundry, Chattanooga, Tenn.
NOPACK compression cocks—Nopack Brass Mfg. Co., Dubois, Pa.
NO. ONE-X incandescent gas mantles—American Gas Machine Co., Inc., 78 Reade, New York
NO PIECE curtain stretchers—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
NOPPEL plumbing specialties—Garrison Brass & Mach. Wks., 107 W. 13th, New York
NORBITT porcelain rosettes & receptacles—Crouse-Hinds Co., Syracuse, N. Y.
NORCROSS cultivators, cultivator hoes, garden weeders—C. S. Norcross & Sons, Bushnell, Ill.
NORCROSS jolt ramming machines—Arcade Mfg. Co., Freeport, Ill.
NORDYKE electric cable hangers—Standard Underground Cable Co., Westinghouse bldg., Pittsburgh, Pa.
NOREACOL coal tar creosote—Northeastern Co., 80 Beverly, Boston, Mass.
NORFOLK lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NORFOLK paper towels—Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
NO-RIM-CUT pneumatic tires—Goodyear Tire & Rubber Co., Akron, Ohio
NORKA radiators—Williamsport Radiator Co., Williamsport, Pa.
NORKA rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
NORMA steel balls & ball bearings—Norma Co. of America, Anable av, Long Island City, N. Y.
NORMAN stoves & ranges—Galusha Stove Co., Rochester, N. Y.
NORMAND water tube boilers—Bath Iron Works, Bath, Me.
NOROL nail sets—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
NORRIS pulley mortising machines—Frank B. Sloan & Co., 209 E. Fayette av, Baltimore, Md.
NORTH blind awning fixtures—Wire Goods Co., Worcester, Mass.
NORTH carriage bolts—Cleveland Bolt & Mfg. Co., Cleveland, Ohio
NORTH AMERICAN liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York
NORTH BIRMINGHAM pig iron—Sloss-Sheffield Steel & Iron Co., Birmingham, Ala.
NORTH EAST electric supplies—North East Electric Co., Rochester, N. Y.
NORTHERN cranes & electric hoists—Northern Engineering Works, 9 Chene, Detroit, Mich.
NORTHERN fire extinguishers & motor fire engines—Northern Fire Apparatus Co., Minneapolis, Minn.
NORTHERN roll toilet paper—Northern Paper Mills, Green Bay, Wis.
NORTHERN water gauges—Northern Tool Co., Utica, N. Y.
NORTHERN QUEEN metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
NORTHFIELD concrete mixers, mortar mixers—Northfield Iron Co., Northfield, Minn.
NORTH POLE ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
NORTH POLE lubricating oils & greases—Bell Oil Co., 600 S. Vandeventer, St. Louis, Mo.
NORTHROP looms, spooler guides—Draper Corp., Hopedale, Mass.
NORTHRUP loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
NORTHRUP PYROVOLTER pyrometers—Pyrolectric Instrument Co., Trenton, N. J.
NORTH SHORE hammocks—Wheeler & Wilson, 15 Merchants row, Boston, Mass.
NORTH STAR ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
NORTH STAR portable grain elevators—Warren Elevator Mfg. Co., Warner, Ill.
NORTH STAR shade cloth—Hauser Shade Cloth Co., Chicago Heights, Ill.
NORTH WALES hack saw machines, knife & scissors grinders, door stops—North Wales Machine Co., North Wales, Pa.
NORTHWAY power mills—Strong-Scott Mfg. Co., Minneapolis, Minn.
NORTHWESTERN cement mfrs. — Northwestern States Portland Cement Co.
NORTHWESTERN concrete mixers—Lansing Co., Lansing, Mich.
NORTHWESTERN farm wagons—Northwestern Mfg. Co., Fort Atkinson, Wis.
NORTHWESTERN flax-seed cleaners—J. L. Owens Co., Minneapolis, Minn.
NORTHWESTERN gas engines, cement brick machines—Northwestern Steel & Iron Works, Eau Claire, Wis.
NORTHWESTERN horse nails—Union Horse Nail Co., 1524 W. 22nd, Chicago, Ill.
NORTHWESTERN seamless hog troughs—Northwestern Stamping Co., Burlington, Ia.
NORTON blast furnaces—Norton Iron Works, Ashland, Ky.
NORTON elevator door openers—Elevator Supplies Co., Hoboken, N. J.
NORTON tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
NORTON valve grinding compounds—Norton Co., Worcester, Mass.
NO-RUST stove scrapers—American Mfg. Co., Chattanooga, Tenn.
NORUSTOCTA unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
NORWALK air & gas compressors—Norwalk Iron Works Co., S. Norwalk, Conn.
NORWALK rubber tires—Norwalk Tire & Rubber Co., Norwalk, Conn.
NORWALL air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
NORWAY blast furnaces—Colonial Iron Co., 149 B'way, New York
NORWEGIAN animal pokes—Osmundson Spade Mfg. Co., Perry, Ia.
NORWESCO furniture & automobile polish, shellac, varnish, soldering salts, paste, etc.—Northwestern Chemical Co., Marietta, Ohio
NORWICH steam heaters—John T. Young Boiler Co., Norwich, Conn.
NORWOOD belting mfrs., rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, O.
NORWOOD paints—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
NORWOOD wire fence & gates—H. L. Brown Fence & Mfg. Co., Oakley, Cincinnati, Ohio
NO-SEAM copper range boilers—J. L. Mott Iron Works, Trenton, N. J.
NO-SET-O lubricating oils & greases—Norman C. Hayner Co., Rochester, N. Y.
NO SLAM screen door checks—Sargent & Co., New Haven, Conn.
NO-SOL copper floats—Ayling & Reichert Co., Toledo, Ohio
NO-SPARK carbon brushes—Calebaugh Self-Lubricating Carbon Co., 1503 Columbia ave., Phila., Pa.
NO-SPILL gasoline funnels—Hoaglin Mfg. Co., Waupaca, Wis.
NO-SPLASH water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
NOTCH MUSHROOM ventilators—Knowles Mushroom Ventilator Co., 9 Church, New York
NO TIP walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
NO-THUMP tumbler washers—L. L. Rowe, 74 Portland, Boston, Mass.
NOTTS EXTRA leather belting—W. S. Nott Co., 2d av, N. & 3d, Minneapolis, Minn.
NOVA lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NOVALUX lighting fixtures—General Electric Co., Schenectady, N. Y.
NOVELCO automobile horns—Novelty Mfg. Co., Waterbury, Conn.
NOVELTY disc sharpeners, stock fountains—Walker Mfg. Co., Council Bluffs, Ia.
NOVELTY hollow augers—W. A. Ives Mfg. Co., Wallingford, Conn.
NOVELTY hot water heaters—Model Heating & Engineering Co., Phila., Pa.
NOVELTY pipe & pipeless furnace, stoves & heaters—Abram Cox Stove Co., American & Dauphin, Phila., Pa.
NOVELTY porch swings—Modern Mfg. Co., Hagerstown, Md.
NOVELTY pumps—Hess, Snyder Co., Massillon, Ohio
NOVELTY spray pumps—Hoil Mfg. Co., 45 N. Division, Buffalo, N. Y.
NOVELTY sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.
NOVIO flushing valves—Jenkins Mfg. Co., Bloomfield, N. J.
NOVIOL lens blanks—Corning Glass Works, Corning, N. Y.
NOVITAS talking machines—Novitas Sales Co., Waltham, Mass.
NOVIWELD goggles & eye protectors—F. A. Hardy & Co., 10 S. Wabash av, Chicago, Ill.
NOVO gas engines—Novo Engine Co., Lansing, Mich.
NOVOLTOY toys—Smith Novotoy Electric, Inc., Charlotte, N. C.
NOVO SUPERIOR high speed steel & drills—H. Boker & Co., 101 Duane, New York
NOVUS steam heaters & hot water radiators—National Radiator Co., Johnstown, Pa., & Trenton, N. J.
NOWARPS meter discs—Fred W. Hanks, 10624 St. Clair av, Cleveland, O.
NO WASTE roving cans—Standard Fibre Co., Miller, Somerville, Mass.
NOWATT transformers—Sangamo Electric Co., Springfield, Ill.
NOWIK oil heater stoves—Turner Brass Works, Sycamore, Ill.
NO WOBBLE spout strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
NOX rat traps—Abingdon Trap Co., Abingdon, Ill.
NOX-A-BUG insecticides—Peerless Stock Powder Co., Falls City, Nebr.
NO XAL metal & furniture polish—No Xal Polish Mfg. Co., 1238 Belmont av, Philadelphia, Pa.
NOXALL annunciators—Electric Goods Mfg. Co., Canton, Mass.
NOXALL cleanouts—Crampton-Farley Brass Co., Kansas City, Mo.
NOXALL cotton duck tents, tarpaulins, wagon covers, etc.—Textile Products Mfg. Co., Park av & Dolman, St. Louis, Mo.
NOXALL cultivators—Racine-Sattley Co., Springfield, Ill.
NOXALL denatured alcohol stoves—Quincy Foundry & Novelty Co., Quincy, Ill.
NOXALL fast color paint—Enterprise Paint Mfg. Co., 333 So Peoria, Chicago, Ill.
NOXALL hay presses—Collins Plow Co., Quincy, Ill.
NOXALL horse collars—J. B. Schott Saddlery & Mfg. Co., Quincy, Ill.
NOXALL packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NOXALL stove pipes—A. Geisel Mfg. Co., 219 S 2nd, St. Louis, Mo.
NOXALL water filters—American Filter Co., 665 Buffum, Milwaukee, Wis.

NOX-EM-ALL sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NOYES bolt heading machines—F. B. Noyes Co., Greenfield, Mass.
NOYES grapple forks—U. S. Wine Engine & Pump Co., Batavia, Ill.
NU-AIR ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.
NUBIAC arc lamp globes—Holophane Glass Works of Gen. Elec. Co., Newark, Ohio
NUBIAN sheet packing & gaskets—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
NUBRITAIN trace carriers—North & Judd Mfg. Co., New Britain, Conn.
NUE dry batteries—Union Battery Co., Belleville, N. J.
NUERNBERGER-RETTIG type casting machines—Universal Type Making Machine Co., 732 Federal, Chicago, Ill.
NUGENT oiling devices—Wm. W. Nugent & Co., 146 W. Superior, Chicago, Ill.
NUGENT safety shaft oilers—Strong, Carlisle & Hammond Co., 346 Frankfort av, N. W., Cleveland, O.
NUGET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
NUGLOSS body polish—R. M. Hollingshead Co.,
NULITE gasoline lighting systems & vapor gas lamps National Stamping & Electric Wks., 424 S. Clinton, Chicago, Ill.
NO. 8 lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
NO. 4 corn planters—Parlin & Orendorff Co., Canton, Ill.
NO.-4-D-D medical batteries—Bunnell, J. H. & Co., 32 Park pl, New York
NO. 4 LOCK & SHIELD air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
NO. 41 walking listers—Kingman Pow Co., Peoria, Ill.
NUMATICON dust collecting & condensing systems—Allen Engineering & Mfg. Co., Savannah, Ga.
NUMBER FOUR babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
NUMBER NINE oil tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NUMBER ONE belt dressing—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
NO. 1, A.B.C.D.&E. screw plates—Morse Twist Drill & Machine Co., New Bedford, Mass.
NO. 118 UNIVERSAL side cutting pliers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
NO. 183 clothes pins—Wire Hardware Co., 6126 S. La Salle, Chicago, Ill.
NO. 193 alloy, resistance wire—Driver-Harris, Co. Harrison, N. J.
NO. 6 alfalfa cutters—Wilder-Strong Implement Co., Monroe, Mich.
NO. 6 corn planters—Parlin & Orendorff Co., Canton, Ill.
NO. 6 medical batteries—J. H. Bunnell & Co., 32 Park pl, New York
NO. 6 DUPLEX air valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
NO. 124 MINERALIZED LARD OIL cutting & drilling compounds—American Oil Corp., Jackson, Mich.
NUMBER TEN gasoline tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NUMBER TEN horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
NO. 3 REVIVER floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.
NO. 2 calking cotton—Estes Mills, Fall River, Mass.
NO. 2 ELASTIC packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
NO. 2 SUPERIOR illuminating overhead washers—Vehicle Specialty Co., Hartford, Conn.
NU PLAN prismatic glass—American Bar Lock Co., 1724 N. 9th, Phila., Pa.
NUSTYLE sheet steel ceilings—Delphos Mfg. Co., Delphos, Ohio
NUTLEY lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
NUTMEG bilge pumps—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
NUTMEG snap & push switches—Hart & Hegeman Mfg. Co., Hartford, Conn.
NUTTER & BARNES cutting off machines, saw grinders—Greenfield Tap & Die Corp., Greenfield, Mass.
NUWAY extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
NUWAY garden barrows—Ross Bros. Co., 90 Front, Worcester, Mass.
NU WAY steel bins & tanks—Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.
NYE pipe threading dies, pipe vises, solid die stocks, wiping cloths & pipe vises—Nye Tool & Machine Works, 108 N. Jefferson, Chicago, Ill.
NYMPH brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NYMPH garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
NYOIL typewriter oils—Wm. F. Nye, New Bedford, Mass.
NYOLL lawn mower oils—Wm. F. Nye, New Bedford, Mass.
NYTANDAY office door letters—Nytanday Letter & Design Co., 100 William, New York
O. pipe wrenches—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O. A. K. tool holders—O. K. Tool Holder Co., Shelton, Conn.
O.-B. rail bonds, porcelain insulators, valves, wire splicers, water gauges, gauge cocks & union elbows—Ohio Brass Co., Mansfield, Ohio.
O. C. K. Co. high pressure valve discs, semi-metallic rod packing—O. C. Keckley Co., 318 Washington av, Chicago, Ill.
O. C. LITTLE commutator compound, pulley covering—Onward Mfg. Co., Menasha, Wis.
O. D. back water & sewer gas valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
O. H. FIN neck bolts—National Screw & Tack Co., Stanton av, S. E., & C. & P. Ry., Cleveland, O.
O.-H. one-piece stove pipes—E. M. Letts, Waverly, N. Y.
O. I. C. street flushing machines—O'Neil T. L. Implement Co., Marseilles, Ill.
O. I. C. valve discs—Ohio Injector Co., Wadsworth, Ohio
O. I. CO. valves—Ohio Injector Co., Wadsworth, Ohio
O. I. M. rubber packing—Home Rubber Co., Trenton, N. J.
O. J. C. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
O. K. alternating boiler chemicals & boiler compound—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, O.
O. K. animal traps, gopher traps, rat traps—Abingdon Trap Co., Abingdon, Ill.
O. K. belt lacing—Hudson Belt Fastener Co., 149 Church, New York
O. K. bolt & rivet clippers—H. K. Porter, 6 Ashland, Everett, Mass.
O. K. card tables—E. T. Burrowes Co., Portland, Me.
O. K. cement—Oklahoma Portland Cement Co., Ada, Okla.
O. K. cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
O. K. churns—Standard Churn Co., Wapakoneta, Ohio.
O. K. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
O. K. cotton mops—Estes Mills, Fall River, Mass.
O. K. dish drainers, fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.
O. K. dies, adjustable, adjustable expanding, automobile, bolt threading, machine or solid bolt screw cutting—Greenfield Tap & Die Corp., Greenfield, Mass.
O. K. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
O. K. door hangers & unloaders—F. E. Myers & Bro., Ashland, Ohio
O. K. expansion bolts—Isaac Church, East Norwalk, Conn.
O. K. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
O. K. floor & ceiling plates—T. B. Cryer Co., 249 High, Newark, N. J.
O K friction clutches, friction clutch pulleys & hoists—O K Clutch & Machinery Co., Columbia, Pa.
O. K. gasoline engines—Lennox Machine Co., Marshalltown, Ia.
O K guy anchors—St. Louis Malleable Casting Co., 7700 N Broadway, St. Louis, Mo.
O. K. harrow carts & shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
O. K. harrows—Wm. Fetzer Co., Springfield, Ill.
O. K. hay fork pulleys—Hunt, Helm, Ferris & Co., Harvard, Ill.
O. K. hop furnaces—Munnsville Plow Co., Munnsville, N. Y.
O. K. hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
O. K. hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
O. K. ice creepers—Norlund Mfg. Co., Williamsport, Pa.
O. K. incandescent gasoline & portable table lamps—Coleman Lamp Co., 120 S. Los Angeles, Los Angeles, Cal.
O. K. insulating compounds & spark plugs—Pettingell, Andrews Co., 166 Pearl, Boston, Mass.
O. K. lamp chimneys—Gill Bros. Co., Steubenville, Ohio
O. K. lathe tools, boring tools, thread cutting tools, tool posts—O. K. Tool Holder Co., Shelton, Conn.
O. K. letter openers & rubber erasers, paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.
O. K. nail sets—West Haven Mfg. Co., West Haven, Conn.
O. K. peat moss—Atkins & Durbrow, 157 Water, New York
O. K. pipe hooks—Wm. Hammann, 1057 5th, Milwaukee, Wis.
O. K. poultry fountains—Oakes Mfg. Co., Tipton, Ind.
O. K. roofing paints—Richmond Bros., 616 Main, Cincinnati, Ohio
O. K. shoe lasts & stands—Roanoke Iron & Bridge Wks, Inc., Roanoke, Va.
O. K. stump pullers, pitless scales—Scott Hay Press Co., Kansas City, Mo.
O. K. tire bolt wrenches—Stanley Rule & Level Co., New Britain, Conn.
O. K. weatherproof wire—Phillips Wire Co., Pawtucket, R. I.
O. K. window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
O. K. wire floor clips—Chicago Builders' Specialty Co., Old Colony bldg, Chicago, Ill.
O. K. CHAMPION potato planters, potato sprayers, potato diggers, potato cutters—Champion Potato Machine Co., Hammond, Ind.
O. K. HARRY binder covers, steel corn cribs—O. K. Harry Steel Co., 2333 Papin, St. Louis, Mo.
O. K. O. BRAND round belting—F. Raniville Co., Grand Rapids, Mich.
O. K. UNDERWRITERS cotton hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
OKEH infants' hosiery—Okeh Hosiery Mills, Lemoyne, Pa.
O. M. C. ALUMISHINE metal polish—Orona Mfg. Co., Boston, Mass.
O. N. T. spool cotton—Clark Thread Co., Clark, Newark, N. J.

O. P. metal polish—Opie J. W. Brush Co., Kansas City, Mo.
O. S. DEPENDABLE locomotive cranes—Orton & Steinbrenner Co., 610 H S Dearborn, Chicago, Ill.
O. S. shutter hinges—Wrightsville Hardware Co., Wrightsville, Pa.
O. V. B. hdwe., tools & cutlery—Hibbard Spencer & Bartlett & Co., 303 N. State, Chicago, Ill.
O. W. pipe hangers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
O. & G. lubricating oils & greases—Oil & Grease Co. of America, 65 B'way, New York
OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
OAK-A-NITE sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
OAKEN cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
OAKITE rust preventives, cutting, drilling & polishing compounds—Oakley Chemical Co., 22 Thames, New York
OAKLAND pruning shears—Smith, Seymour & Son, Oakville, Conn.
OAKLAND stoves—North Dighton Co-operative Stove Co., North Dighton, Mass.
OAKLEY automobile creepers—H. Zering Mfg. Co., B. & O. Ry & Hickory, Oakley, Cincinnati, Ohio.
OAKWOOD paste, salts & liquid soldering—Weaver Specialty Co., Pittsburgh, Pa.
OAKWOOD stoves—Pittston Stove Co., Pittston, Pa.
OBELISK rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
O'BRIEN calcining, wasting & smelting furnaces—Penn Fdry & Mfg. Co., Reading, Pa.
O'BRIEN farm wagons—Indiana Wagon Co., Lafayette, Ind.
O'BRIEN fire bell ringers—Walsh Safety Lock Snap Co., Bellevue, Ohio
O'BRIEN lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.
O'BRIEN rail insulating joints—Q. & C. Co., 90 West, New York
O'BRIEN varnish—O'Brien Varnish Co., South Bend, Ind.
O'BRIEN-HAWLEY smokeless furnaces — John O'Brien Boiler Works Co., St. Louis, Mo.
OBSTITCH belting—Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
OCEANA marine varnishes — Standard Varnish Works, 90 West, New York
OCEANIC kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
OCEAN WAVE washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
O-CEDAR floor & furniture polish & mops—Channell Chemical Co., 4501 Western blvd., Chicago, Ill.
OCO piano hinges—Oakville Co., Waterbury, Conn.
O'CONNOR collapsible steel centering—Hartford Construction Iron Wks, Hartford, Conn.
OCTA PITT unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
OCTA PENN unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
OCTIGAN drop forgings rivet sets & stampings—Octigan Drop Forge Co., Dept .H, 2428 Lowe av, Chicago, Ill.
ODEE gas engines—Kemper-Odee Engine Co., Albert Lea, Minn.
ODELL automobile cord rubber tires—Odell Rubber Co., Dept. H, South Bend, Ind.
ODELL safety razors & safety razor blade sharpening machines—Odell Mfg. Co., 343 S. Dearborn, Chicago, Ill.
ODENKIRK switchstands—Cleveland Railway Supply Co., Swetland bldg., Cleveland, O
ODETTE drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
ODIN gas soldering furnaces—Odin Stove Mfg. Co., Erie, Pa.
ODOZONE disinfectants—H. D. Mann Co., 124 N. Warren, Syracuse, N. Y.
OFFICIAL mouse & rat traps—Oneida Community (Ltd.), Oneida, N. Y.
OGDEN INDUSTRIAL folding doors—J. Edward Ogden Co., 147 Cedar, New York
OGLESBY blue granite—Oglesby Granite Co., Elberton, Ga.
OHIO auto truck trailers—Ohio Motor Vehicle Co., Oakview & Nottingham rds, Cleveland, Ohio
OHIO crucible, & laboratory porcelain specialties—Ohio Pottery Co., Zanesville, Ohio
OHIO cultivators, cotton planters, harrows, hay presses, plow coulters—Ohio Cultivator Co., Bellevue, Ohio
OHIO engines—Griffith & Wedge Co., Zanesville, Ohio
OHIO cutters & silo fillers—Silver Mfg. Co., No. 256, Salem, Ohio
OHIO harrows & pulverizers & hay loaders—Ohio Rake Co., Dayton, Ohio
OHIO hot air furnaces—Bennett Furnace Co., 6581 Euclid av, Cleveland, Ohio
OHIO hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
OHIO injectors, lubricators—Ohio Injector Co., Wadsworth, Ohio
OHIO lifting magnets—Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, Ohio
OHIO lubricating oils & greases, commutator compounds—Ohio Grease Co., Loudonville, Ohio
OHIO metal shaping machines, planing machines—Ohio Machine Tool Co., Kenton, Ohio
OHIO mop wringers, garden hose reels—Cardington Cabinet Co., Cardington, Ohio
OHIO road machines, wagon dump boxes—Ohio Road Machinery Co., Oberlin, Ohio
OHIO rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
OHIO steel ranges—Tinnerman Stove & Range Co., 2038 Fulton rd., Cleveland, O.
OHIO storage batteries—Weisenborn Electric Co., 14 N. Franklin, Chicago, Ill.
OHIO table oilcloth racks—Banner Machine Co., Columbiana, Ohio
OHIO 40 bean & pea planters—Ohio Rake Co., Dayton, Ohio
OHIO 41 C. & C. bean & pea planters—Ohio Rake Co., Dayton, Ohio
OHIO M gas water heaters—Dayton Mfg. Co., Dept. H, Dayton, Ohio.
OHIO METAL conductor pipes & steel ingots—Whitaker, Glessner Co., Wheeling, W. Va.
OHIO STANDARD ensilage cutters—Silver Mfg. Co., No. 256, Salem, Ohio
OHIO TUEC portable vacuum cleaners—United Electric Co., Canton, Ohio
OHMER generators & igniters—Recording & Computing Machine Co., Dayton, Ohio
OHMLAC electric cable compounds, acid tank lining compounds & paints—Ohmlac Paint & Refining Co., 140 S Dearborn, Chicago, Ill.
OHMLAC insulating varnishes—Emil Calman & Co., 100 William, New York
OIL CITY dumping wagons—Kramer Wagon Co., Oil City, Pa.
OIL CITY portable hot water heaters—Wm. Earley, 1216 Ridge av, Phila., Pa.
OIL CITY steam & hot water heating boilers—Oil City Boiler Works, Oil City, Pa.
OILDAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
OILDAG graphite lubricants—Acheson Oldag Co., Port Huron, Mich.
OIL KING tractors—Hart-Parr Co., Charles City, Ia.
OIL OF GLADNESS dusters, dustless dust cloths, mops, polish—Dunlap Mfg. Co., Bloomington, Ill.
OIL-PULL traction engines—Advance-Rumely Co., La Porte, Ind.
OILTITE packing—Jenkins Bros., 80 White, New York
OILTURN gasoline & oil engines—Advance-Rumely Co., La Porte, Ind.
OILZUM lubricating oils & greases—White & Bagley Co., Worcester, Mass.
OKADEE water gauges—Okadee Co., 14 E. Jackson blvd., Chicago, Ill.
OKEH disc records—General Phonograph Corp., 25 W. 45th, New York
O'KELLY safety carrying hooks & variable speed transmission—Gregory O'Kelly, 557 W Jackson blvd., Chicago, Ill.
OKO BRAND round belting—F. Raniville Co., Grand Rapids, Mich.
OKOLITE shoe blacking & polishes—Buckard Blacking & Oil Co., 1322 Greenmount av, Baltimore, Md
OKOLONA closets—Crane Co., 836 S Michigan av, Chicago, Ill.
OKOLONA JR. closets—Crane Co., 836 S Michigan av, Chicago, Ill.
OKONITE insulated wires & cables—Okonite Co., Passaic, N. J.
OLD ABE lamp black—Bihn & Wolff Co., Ash & Almond, Phila., Pa.
OLD ALTON mining tools—Beall Bros., Alton, Ill.
OLD CROW mechanical rubber, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
OLD DOCTOR ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.
OLD DOMINION cement—Virginia Portland Cement Co., Allentown, Pa.
OLD DOMINION gaskets for flanges, valves & fittings, packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
OLD DUTCH CLEANSER compounds—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
OLD ENGLISH hard wax floor polish—A. S. Boyle & Co., 1934 Dana av, Cincinnati, O.
OLD ENGLISH kitchen enameled ware—Republic Stamping & Enameling Co., Canton, Ohio
OLD ENGLISH metallic roofing tile, metallic shingles—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
OLD FAITHFUL lumber—Hemlock Mfrs., Oshkosh, Wis.
OLD FAITHFUL waterproof & acidproof belting—Hide Leather & Belt Mfg. Co., 227 S Meridian, Indianapolis, Ind.
OLD GENUINE babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
OLDHAM brazing compounds, knives & saws—Oldham New York Saw Wks., Inc., 112 26th, Brooklyn, N. Y.
OLD HAMPSHIRE bond typewriter paper—Hampshire Paper Co., So. Hadley Falls, Mass.
OLD HICKORY automobiles & wagons—Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.
OLD HICKORY baseball bats—Edw. K. Tryon Co., 611 Market, Phila., Pa.
OLD HICKORY belt dressing—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
OLD HICKORY dumping wagons—Kentucky Wagon Mfg. Co, Louisville, Ky.
OLD HICKORY garden & lawn rakes—Union Fork & Hoe Co., Columbus, O.
OLD OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
OLD RELIABLE XX dredge, hoist & shovel chains—United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
OLD RELIABLE gasoline blow torches—Turner Brass Works, Sycamore, Ill.
OLD RELIABLE hand corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
OLD RELIABLE parchment paper—Wm. Mann Co., 529 Market, Phila., Pa.
OLD RELIABLE pipe joint cements—Callahan, Geo. & Co., 218 Front, New York

OLD RELIABLE tractors—Hart-Parr Co., Charles City, Ia.
OLD RELIABLE Union counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
OLD STANDARD lamp black—L. Martin Co., 81 Fulton, New York
OLD STANDARD paint—O'Connor & Schweers Paint Co., Augusta, Ga.
OLDS gasoline engines—Advance-Rumely Co., La Porte, Ind.
OLDSMAR farm tractors—Oldsmar Tractor Co., Oldsmar, Fla.
OLEITE belt, harness & shoe dressing & rust preventatives—Am. Oleite Sales Co., 1404 N Park pl., St. Louis, Mo.
OLE OLSEN wood lawn rakes—Piqua Handle & Mfg. Co., P. O. Box, 307, Piqua, Ohio
OLEO artists colors—A. Sartorius & Co., 57 Murray, New York
OLIN gas engines—Olin Gas Engine Co., Buffalo, N. Y.
OLIVE CREAM cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
OLIVER burners, furnaces & heaters—Oliver Oil-Gas Burner & Machine Co., Dept. H, 21st & Pine, St. Louis, Mo.
OLIVER centrifugal & vacuum pumps, compressors & filters—Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.; 33 W. 42nd st, New York
OLIVER closets & lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
OLIVER grindstone boxes & frames, saw benches & tables, saw gauges, saw guards, saw mandrels, rip saw machines, manual training benches, oil & water stones—Oliver Machinery Co., Grand Rapids, Mich.
OLIVER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
OLIVER plows, clod crushers, cultivators, corn planters, spring tooth harrows—Oliver Chilled Plow Works, South Bend, Ind.
OLIVER typewriter—Oliver Typewriter Co., 159 N. Dearborn, Chicago, Ill.
OLO SOFFENE cotton softeners—Bosson & Lane, Atlantic, Boston, Mass.
OLOTAN round belting—F. Raniville Co., Grand Rapids, Mich.
OL-SE-CO. polishing cloths—Saponol Chemical Co., 130th & Park av, New York
OLSEN'S mine cages—Eagle Iron Works, Des Moines, Ia.
OLSON truck units—Swedish Crucible Steel Co., Butler & Grand Trunk R. R., Detroit, Mich.
OLYMPIA oil—Texas Company, 17 Battery pl, New York
OLYMPIA packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.
OLYMPIA screen door hinges—Champion Hardware Co., Geneva, Ohio
OLYMPIC automobile horns—Electric Spark Appliance Co., 140 Imlay, Brooklyn, N. Y.
OMACO shades & reflectors—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
OMAHA lead pipe—Lawrence Shot & Lead Co., Omaha, Nebr.
OMALA bath room fixtures—Galard Co., 335-6th av, Newark, N. J.
OMEGA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
OMEGA cream separators—Reliance Engineering Co., Lansing, Mich.
OMEGA packing—Cooley Mfg. Co., 98 Park pl, New York
OMEGA rubber bottles, rubber syringes—Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
OMEGO air valves—Harlem Mfg. Co., 518 W. 55th, New York
OMY polishing cloths—G. V. Sales Co., 132 Nassau, New York
1a-1a resistance wire—H. Boker & Co., 101 Duane, New York
100 per cent rail joints—Rail Joint Co., 61 B'way, New York
132 end cutting nippers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
199 C. W. fire resisting paints—Toch Bros., 320-5th av, N. Y. C.
ONEIDA automobile horns—Electric Horn & Specialty Co., Utica, N. Y.
ONEIDA clothes pins—E. B. Estes & Sons, 364 5th, New York
ONEIDA drill chucks—Westcott Chuck Co., Oneida, N. Y.
ONEIDA pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
ONEIDA STEEL SPLIT PULLEYS—Dodge Sales & Engng. Co., Mishawaka, Ind.
ONEIDA wood split pulleys—Oneida Wood Pulley Co., Oneida, N. Y.
O'NEIL pipe calking machines—A. P. Smith Mfg. Co., East Orange, N. J.
O'NEILL electric cable hangers, insulated hooks—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
O'NEILL flue cutters—Columbia Chuck & Tool Co., 140 S. Dearborn, Chicago, Ill.
O'NEILL wire cloth—Jos. O'Neill Wire Wks., Portchester, N. Y.
O'NEILS boiler compounds—O'Neil Oil & Paint Co., 297 E. Water, Milwaukee, Wis.
ONE DROP oil cans—General Phonograph Corp., 25 W. 45th, New York
ONE LOCK adjustable reamers—Morse Twist Drill & Machine Co., New Bedford, Mass.
ONE MAN stump pullers—A. J. Kirstin Co., Escanaba, Mich.
ONE MINUTE clothes washing machines—Morris Mfg. Co., El Reno, Okla.
ONE MINUTE photograph machines—Chicago Ferrotype Co., 1455 W. Congress, Chicago, Ill.
ONE MINUTE post hole diggers—Osmundson Spade Mfg. Co., Perry, Ia.
ONE MINUTE waste paper baling presses—Lubbers & Bell Mfg. Co., Clinton, Iowa
ONE PIECE stop bead screws—National Mfg. Co., Sterling, Ill.
ONE-WAY hay carriers—Hunt-Helm Ferris & Co., Harvard, Ill.
ON IN A MINUTE upholstered chair seats—Economy Seat Co., Inc., 3132 S. Canal, Chicago, Ill.
O-NI-DA chains—Oneida Chain Co., Oneida, N. Y.
ONION SKIN carbon paper—American Ribbon & Carbon Co., Rochester, N. Y.
ONLIWON toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
ONLY band saw filing & setting machines—Black Diamond Saw & Machine Works, Natick, Mass.
ONLY paper fasteners—West Mfg. Co., 58 N. 2d, Phila., Pa.
ONLY WAY cultivators—Racine-Sattley Co, Springfield, Ill.
ONOKO babbit metal—H. Channon Co., 150 N. Market, Chicago, Ill.
ONOKO sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ONONDAGA tobacco transplanters—Nagley Mfg. Co., Lyons, N. Y.
ONWARD sliding furniture shoes—Onward Mfg Co., Menasha, Wis
ONYX corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
ONYX kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.
OPAKE draughting inks—Taylor Bros. Co., 706 Superior av, N. W., Cleveland, Ohio
OPAL corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
OPAL window screen wire cloth—New York Wire Cloth Co., Woolworth bldg, New York
OPAL GLOSS varnish—D. B. Crockett Co., Bridgeport, Conn.
OPALITE glass tile—Opalite Tile Co., Monaca, Pa.
OPALUX glass shades—Opalux Co., 200 5th av, New York
OPEN DOOR rat traps—Bumann Mfg. Co., Litchfield, Ill.
OPEN DOOR silos—Vesper Wood Mfg. Co., Vesper, Wis.
OPTIMUS electro plating dynamos—A. P. Munning-Loeb Co., Matawan, N. J.
OPTIMUS jewelers' machinery—Worthington & Raymond, 71 Murray, New York
OPTIMUS paint—Keystone Paint & Filler Co., Muncy, Pa.
ORAM'S bung hole borers & barrel hoop driving machines—John S. Oram Co., 1316 E. 53rd, Cleveland, O.
ORANGE lawn mowers—S. P. Townsend & Co., Orange, N. J.
ORANGEVILLE spring tooth harrows—J. W. Conner & Son, Orangeville, Pa.
ORCHARD sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
ORCHID ball bearing lawn mower—Penna Lawn Mower Wks., 1615 N 23d, Phila, Pa.
ORCHID lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.
OREGON ash cans—Abbott Hardware Co., 636 Columbus av, New York
O'REILLY natural gas burners—M. J. O'Reilly, 364 Maryland, Buffalo, N. Y.
ORGOBLO organ blowers—Spencer Turbine Co., Hartford, Conn.
ORIENT faucet cans—Sexton Can Co., 123 Broad, Boston, Mass.
ORIENT garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
ORIENT picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.
ORIENTAL rouge—Oriental Rouge Co., Bridgeport, Conn.
ORIENTAL stucco—Monument Plaster Co., Harrison, N. J.
ORIGINAL air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ORIGINAL deflecting automobile lenses—Madden Glass Co., Aberdeen, S. Dak.
ORIGINAL fish spears—Bonafide Mfg. Co., Plymouth, Mich.
ORIGINAL measuring spoons—Landers, Frary & Clark, New Britain, Conn.
ORIGINAL-BLACK sheet packing—Home Rubber Co., Trenton, N. J.
ORIGINAL BRAMMER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
ORIGINAL-PAYNE'S gas & water tapping machines—Hays Mfg. Co., Erie, Pa.
ORIGINAL REFLUX vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ORIOLE belt lacing—J. B. Williams & Sons, Dover, N. H.
ORIOLE children's carriages—Withrow Mfg. Co., 2727 Spring Grove av, Cincinnati, Ohio
ORIOLE cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
ORIOLE gas stoves—Baltimore Gas Appliance & Mfg. Co., Bayard & Hamburg, Baltimore, Md.
ORIOLE kitchen enameled ware—Baltimore Stamping & Enameling Co., 909 E. Pratt, Baltimore, Md.
ORIOLE marine engines—Page Engineering Co., Clagett & Hull, Baltimore, Md.
ORIOLE sheet packing—Hewitt Rubber Co., Buffalo, N. Y.
ORIOLE tinners' oils—Jas. B. Macneal & Co., Warner & Wooster, Baltimore, Md.

ORIOLE W. P. cotton rope—Anniston Cordage Co., Anniston, Ala.
ORMA fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.
ORME safety valves—Stevens, Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
ORMOND lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
ORONO metal cleaners—Orono Sales Co., 29 India, Boston, Mass.
ORONOKO roofing, sheathing & building—C. B. Hewitt & Bros., Inc., 20 Ferry, New York
OROOFS rubber roofing—Usona Mfg. Co., Aurora, Ill.
ORPHEUS talking machine—P. J. McCoy & Co., Inc., 70 Ferry, Newark, N. J.
ORSAT gas analysis apparatus—Eimer & Amend, 205 3d av, New York
ORSAT gas analysis apparatus—Emil Greiner Co., 55 Fulton, New York
ORTHOPEDIC rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
OSBORN brick drills—Irving Mfg. & Tool Co., 157 Chambers, New York
OSBORN steam pumps—Virginia Foundry & Machine Co., Virginia, Minn.
OSBORN foundry molding machines, flask stripping machines—Osborn Mfg. Co., 5401 E. Hamilton av, Cleveland, Ohio
OSBORNE meat juice presses—C. S. Osborne & Co., Box 183, Newark, N. J.
OSCILLATOR mop wringers—Cardington Cabinet Co., Cardington, Ohio
OSCILLATOR VACUUM washing machines—American Gas Machine Co., 78 Reade, New York
OSCILLATORS vacuum washing machines—Kiel Mfg. Co., Albert Lea, Minn.
OSGOOD counter scales—Jones of Binghamton, Inc., Binghamton, N. Y.
O'SHAUGHNESSY fish hook—Redifor Rod & Reel Co., Warren, Ohio
OSHKOSH concrete mixers, gas engines, guy anchors, load binders, portable sawing rigs—Ransome Concrete Machinery Co., Dunellen, N. J.
OSHKOSH concrete mixer—Oshkosh Mfg. Co., Oshkosh, Wis.
OSHKOSH logging tools—American Logging Tool Co., Evart, Mich.
OSPREY cordage & twines—Bibb Mfg. Co., Macon, Ga.
OSSCO gas stoves, kitchen cabinets—Ohio State Stove Co., Columbus, Ohio
OSTEGO feed cutters, fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.
OSTER rachet stock & dies—Oster Mfg. Co., 2057 E. 61st, Cleveland, Ohio
OSTRICH corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
OSTRUM box nailing machines—Burgess Machine Co., 43-45 Chestnut, New Haven, Conn.
OSWEGO water tube boilers—A. D. Granger Co., 15 Park Row, New York
O-TAK-A tire remover tools—J. W. Crumiaux, Leroy, N. Y.
OTHELLO hot air furnaces—Reading Stove Wks (Orr, Painter & Co.), Reading, Pa.
OTIS automobile car heating & vaporizing boiler—Otis Boiler Co., Inc., 335 West First, Oswego, N. Y.
OTIS car heating boilers—Steam Carriage Boiler Co., Oswego, N. Y.
OTIS feed water heaters—Stewart Heater Co., No. Tonawanda, N. Y.
OTOE canned goods—Otoe Food Products Co., Nebraska City, Nebraska.
OTSEGO cultivators, potato diggers, lawn swings, steel tray barrows—Babcock Mfg. Co., Leonardsville, N. Y.
OTSEGO spring tooth harrows—Munnsville Plow Co., Munnsville, N. Y.
OTTER belt cement—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
OTTER waterproof belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.
OTTO waterproof leather belting, leather belt cement W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
OTTOMAN BRAND emery & grinding wheels—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.
OTTOMATIC coal chutes—Church Appliance Mfg. Co., La Salle, Ill.
OTTOMO lubricating oils & greases—Pioneer Mfg. Co., 3053 H 87th, Cleveland, Ohio.
OTT'S bark shaving mills—Benj. Otto & Sons Co., La Crosse, Wis.
OTTUMA garden hose—Hewitt Rubber Co., Buffalo, N. Y.
OTTUMWA mine screens—Ottumwa Box Car Loading Co., Ottumwa, Ia.
OTTUMWA sash pulleys—Johnston & Sharp Mfg. Co., Ottumwa, Ia.
OUR CLIPPER ranges & stoves—Gray & Dudley Hdwe. Co., Nashville, Tenn.
OUR EXTRA rubber belting—New York Rubber Co., Reade & Church, New York
OUR FAVORITE steam heaters—R. C. Bartley Co., Bartley, N. J.
OUR HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
OUR LEADER package handles—Tie Co., Unadilla, N. Y.
OUR OWN fish landing nets—General Phonograph Corp., 25 W. 45th, New York
OUR PRIDE hoof parers—Champion Tool Co., Meadville, Pa.
OUTERSITE metal mouldings—Union Metal Corner Co., 18 Heath, Boston, Mass.
OUTLOOK wind shield cleaners—Outlook Co., 5518 Euclid av, Cleveland, Ohio.

OVALDUCT conduit fittings, locknut & outlet bushings—Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
OVAL POINTED belt hooks—Manufacturers Belt Hook Co., 1321 W Congress, Chicago, Ill.
OVALPOLE sheet packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.
OVATUS laboratories—Crane Co., 836 S Michigan av, Chicago, Ill.
OVENDENS radiator foot rests—Central Supply Co., Worcester, Mass.
OVERLAND automobile bldrs—Willys-Overland Co., Toledo, Ohio.
OVERLAND farm trucks & wagons—Emerson-Brantingham Co., Rockford, Ill.
OVERSHOT separators—J. W. Conner & Son, Orangeville, Pa.
OVER-THE-TOP bottle openers—Vaughan Novelty Mfg. Co., 711 Fulton, Chicago, Ill.
OWATONNA churns—Leo Rumley Tractor Co., La Porte, Ind.
OWATONNA fanning mills—Owatonna Fanning Mill Co., Owatonna, Minn.
OWEGO farm wagons—Champion Wagon Co., Owego, N. Y.
OWEN dredging & excavating buckets—Owen Bucket Co., Rockefeller bldg, Cleveland, Ohio
OWENSBORO shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
OWL cement—La Salle Portland Cement Co., La Salle, Ill.
OWL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
OWL pneumatic hose—Pioneer Rubber Mills, San Francisco, Cal.
OWL BRAND saddlery hardware—Elbel Co., Canton, Ohio
OWN BRAND kitchen knives—L. D. Parkhurst, Danielson, Conn.
OWNERS spark coils—Autocoil Co., 136-7th, Jersey City, N. J.
OX FIBRE brushes & brooms—Ox Fibre Brush Co., Frederick, Md.
OXFORD copper washers—Metallo Gasket Co., New Brunswick, N. J.
OXFORD metal polish—Crowell Chemical Co., Beverly, Mass.
OXFORD pig iron—Empire Steel & Iron Co., Catasaqua, Pa.
OXFORD spring tooth harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
OXHIDE BRAND round belting—F. Raniville Co., Grand Rapids, Mich.
OXILUM lead burning outfits—Cox Brass Mfg. Co., Albany, N. Y.
OX-OIL-OX belt dressing—F. S. Walton Co., Orthodox & Delaware, Philadelphia, Pa.
OXOLIN paint oils—Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
OXYOLINE ozone generators—Neel-Armstrong Co., Akron, Ohio
O Y L-R Y T measures, funnels—A. C. Kraft, 323 W. Lake, Chicago, Ill.
OZARK hammer handles—American Handle Co., Jonesboro, Ark.
OZARK walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
OZITE insulating compounds—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
OZONE baking enamels—Chase, Roberts & Co., Long Island City, N. Y.
OZONE ventilating apparatus—Neel, Armstrong Co., Akron, Ohio
OXONE water sterilizers — Hill Pump Valve Co., 4000-21 Belmont av, Chicago, Ill.
OZONITE varnish—Chase, Roberts & Co., West av, Long Island City, N. Y.
P manila rope—Portland Cordage Co., 14th & Northrup, Portland, Ore.
P. muffler valves—J. E. Lonergan Co., 211 Race, Phila., Pa.
P. A. T. iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio
P. B. drinking fountains—Peck Bros. & Co., New Haven, Conn.
PB farm wagons—Patterson Mfg. Co., Holly, Mich.
P. B. H. gauge cocks & water gauges—Paul B. Huyette Co., 5 S. 18th, Phila., Pa.
P. B. W. expansion ring couplings—Pioneer Brass Works, Indianapolis, Ind.
P. D. knife cleaning machines—Hamilton-Low Co., 62 Van Winkle av, Jersey City, N. J.
P. D. Q. valve grinding compounds—Motor Car Equipment Co., 19 West 62nd, New York
P. D. Q. C. pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
P. H. cranes, excavators, backfillers, tampers, monorail systems—Pawling & Harnichfeger Co., Milwaukee, Wis.
P. J. F. stop & waste cocks—P. J. Flannery Co., New Britain, Conn.
P.-K. expansion joints—P.-K. Engineers, Syndicate Trust bldg, St. Louis, Mo.
P. K. incandescent cut-outs—H. T. Paiste Co., 3201 Arch, Phila., Pa.
P. P. P. ring packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
P R WEATHERPROOF electric bells—P R Mfg. Co., Detroit, Mich.
P. S. wrenches—Winchester Repeating Arms Co., New Haven, Conn.
P. S. & W. tinners' snips & solid handle wrenches—Peck, Stow & Wilcox Co., Southington, Conn.
P. S. W. engineers' & machinists' wrenches, solid handle—Peck, Stowe & Wilcox Co., Cleveland, O.
P. S. & W. SAMSON take-down squares—Peck, Stow & Wilcox Co., Southington, Conn.
P. T. BERG hot metal cars—Wm. B. Pollock Co., Youngstown, Ohio

P. T. tractor & track laying wheels—Wm. Jr. Wharton Co., Inc., Easton, Pa.
P. & A. tar extractors—Isbell-Porter Co., 46 Bridge, Newark, N. J.
P. & B. insulating paints, compounds, varnishes & tape—Standard Paint Co., 233 Broadway, New York
P. & C. asbestos packed valves, ammonia gauges, & fire hydrants—Pratt & Cady Co., Hartford, Conn.
P. & G. laundry soap—Proctor & Gamble Co., Gwynne bldg, Cincinnati, Ohio
P. & O. corn planters, stalk cutters, harrows, spring tooth cultivators—International Harvester Co. of America, Inc., Harvester bldg, Chicago, Ill.
P. & O. plows, cultivators, clod crushers, corn planters, harrows, potato diggers—Parlin & Orendorff Co., Canton, Ill.
P. & M. rail anchors, rail anti-creepers—P. & M. Co. (The), 80 E. Jackson blvd, Chicago, Ill.
P. & S. weatherproof sockets, pendant switches, attachment plugs, receptacles, transformer cutouts, switch boxes & electric rosettes—Pass & Seymour, Solvay, N. Y.
PACEMAKER belting & rubber hose—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio
PACEMAKER gasoline pump—S. F. Bowser & Co., Fort Wayne, Ind.
PACE MAKER gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.
PACIFIC air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
PACIFIC automobile towing ropes—Wm. P. Jones, Oakland, Cal.
PACIFIC belting—Schwartz Belting Co., 76 Murray, New York
PACIFIC lawn sprinklers—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
PACIFIC oil stoves—Taylor & Boggis Fdry. Co., 1913 W. 3rd, Cleveland, Ohio
PACIFIC rubber hose—Voorhees Rubber Mfg. Co., 218 Bostwick av, Jersey City, N. J.
PACIFIC sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
PACIFIC safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
PACK carbonizing compounds—C. G. Buchanan Chemical Co., 4650 Baker av, Cincinnati, Ohio
PACKARD cable rubber—Packard Electric Co., Warren, Ohio
PACKARD incandescent electric lamps—Packard Lamps Works of G. E. Co., Warren, Ohio
PACKARD lubricating oils & greases—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
PACKER ratchet drills—A. R. King Mfg. Co., Kingston, N. Y.
PACKER ratchet drills—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
PACKHAM stove & conductor pipe crimpers—Packham Crimper Co., Mechanicsburg, Ohio
PACO proof press—Hacker Mfg. Co., 312 N. May, Trenton, N. J.
PACTITE packing mfrs.—Federal Metallic Packing Co., 48 Hanover, Boston, Mass.
PADDOCK water filters—Atlantic Filter Co., Marine National Bank bldg, Buffalo, N. Y.
PAGE belt dressing—Walter C. Gold, 235 Race, Phila., Pa.
PAGE dredging & excavating buckets—John W. Page, 189 W. Madison, Chicago, Ill.
PAGE dumping cars—American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
PAGE scraper buckets—Page Engineering Co., 189 W. Madison, Chicago, Ill.
PAGE valve fixtures—American Valve & Meter Co., Cincinnati, Ohio
PAGE wall ties & wire stretchers, handy panels, fence anchors—Page Steel & Wire Fence Co., Adrian, Mich.
PAGE SECTIONAL steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
PAHLOW hose couplings—Geo. N. Newhall Eng. Co., Commercial Trust bldg, Phila., Pa.
PAIGE automobile & motor trucks—Paige Detroit Motor Car Co., Dept. H, McKinstry & Fort, Detroit, Mich.
PAINE expansion & toggle bolts & outlet box hangers—The Paine Company, 742 W Van Buren, Chicago, Ill.
PAINT gun pneumatic painting machine—International Engng. Co., 42 Exchange, Malden, Mass.
PAKRING METAL metallic packing—Locomotive Finished Material Co., Atchison, Kan.
PAGRIP metal moulding—Appleton Electric Co., Wellington & Paulina, Chicago, Ill.
PALACE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
PALACE radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
PALACELITE kerosene oils—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
PALETTE BRAND bath room fixtures, coat hooks, tumbler holders—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
PALMBLA ATOMIZER carburetors—North Chicago Machine Co., North Chicago, Ill.
PALMER lime—Palmer Lime & Cement Co., 103 Park av, New York
PALMER sewer traps, back water valves. J. A. Zurn Mfg. Co., Dept. H, Erie, Pa.
PALMER'S carriage springs—Concord Axle Co., Penacook, N. H.
PALMER'S fish nets—C. & W. McClean Merc. Co., 1019 Washington av, St. Louis, Mo.
PALMER'S wood faucets—Crandall Bros., N. Kingsville, Ohio
PALMETTO brush fibre—American Fibre Co., Jacksonville, Fla.
PALMETTO packing—H. N. Cook Belting Co., 401 Howard, San Francisco, Cal.
PALMETTO packing—Greene, Tweed & Co., 109 Duane, New York
PALMS combination sand pumps—Larkin & Co., Butler, Pa.
PALMYRA fibre brushes—Universal Brush Co., 181 Quincy, Chicago, Ill.
PANAMA belt dressing—Panama Oil & Grease Co., 159 W. 51st, New York
PANAMA carbon paper—Manifold Supplies Co., 188 3rd av, Brooklyn, N. Y.
PANAMA lawn mowers—Penna. Lawn Mower Works, 1615 N. 23rd, Phila., Pa.
PANAMA padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
PANAMA padlocks—Slaymaker Lock Co., Lancaster, Pa.
PANAMA road machines & graders, portable cranes—F. B. Zeig Mfg. Co., Fredericktown, Ohio
PANAMA walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PAN AMERICAN fire extinguishers—N. L. Snyder & Son, 223 Church, Phila., Pa.
PANHARD lubricating oils—Geo. A. Haws, 135 Front, New York
PANTASOTE artificial leather—Pantasote Co., 11 Broadway, New York
PANTHER tread rubber heels—Panther Rubber Mfg. Co., Stoughton, Mass.
PAOWNYC car window fixtures—O. M. Edwards Co., Inc., Syracuse, N. Y.
PARA roofing cements—A. Wilhelm Co., Reading, Pa.
PARAC rubber covered wire—Philips Wire Co., Pawtucket, R. I.
PARACOIL heaters, evaporators & distilling apparatus—Row & Davis, Engineers, Inc., 90 West, New York
PARACOTE felt roofing—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
PARADOX reamers—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PARADOX screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
PARADUX canvas & felt roofing—Flintkote Co., 88 Pearl, Boston, Mass.
PARAGOL core oils, rubber substitutes—Corn Products Refining Co., 17 Battery pl, New York
PARAGON anvils—Horace T. Potts & Co., 318 W. 3rd, Phila., Pa.
PARAGON ball cocks & self-closing faucets, stop valves—Vulcan Brass Mfg. Co., 24 Noble Court, Cleveland, Ohio
PARAGON belt dressing—Montgomery Bros., 45 S. 2nd, Phila., Pa.
PARAGON boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
PARAGON cold saw cutting-off machines—Tindel-Morris Co., Eddyston, Pa.
PARAGON dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
PARAGON emery wheel dressers—Chicago Wheel & Mfg. Co., 1101 Monroe, Chicago, Ill.
PARAGON emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.
PARAGON end gate seeders—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
PARAGON engineers' oiling sets—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
PARAGON fire extinguishers—Am.-La France Fire Engine Co., Elmira, N. Y.
PARAGON fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.
PARAGON fire hose—Eureka Fire Hose Mfg Co., 27 Barclay, New York.
PARAGON fly traps—Reynolds Wire Co, Dixon, Ill.
PARAGON ground cones, automobile battery boxes, self-tying porcelain knobs, time switches & handy lamps—Paragon Elec. Co., 37 W. Van Buren, Chicago, Ill.
PARAGON hot air furnaces, steam heaters—Isaac A. Sheppard & Co., Harrison bldg., Phila., Pa.
PARAGON knife switchers—Geo. Cutter Co., South Bend, Ind.
PARAGON lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
PARAGON leather belting—W. S. Nott Co., 2nd av n & 3rd, Minneapolis, Minn.
PARAGON lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARAGON machine molded gears—Evans Stamping & Plating Co., Taunton, Mass.
PARAGON oil lamps—R. E. Dietz Co., 60 Laight, New York
PARAGON packing—Empire Tire & Rubber Corp., East Trenton, N. J.
PARAGON paint & white wash spraying machines—F. & F. Koenigkramer, 1914 Western av, Cincinnati, Ohio
PARAGON paints & enamels & wood fillers—Lincoln Paint & Color Co., Lincoln, Nebr.
PARAGON pliers & nippers—Wm. Schollhorn Co., New Haven, Conn.
PARAGON riding listers—Kingman Plow Co., Peoria, Ill.
PARAGON screw plates & taps—S. W. Card Mfg. Co., Mansfield, Mass.
PARAGON shades & reflectors—American Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
PARAGON shoe blacking & polishes—Frank Miller Co., 849 W 26th, New York
PARAGON shoe lasts & stands—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
PARAGON sickel grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.
PARAGON turpentine—Thomas Sealy, 138 Front, New York

PARAGON twist drills—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PARAGON DE LUXE garment hangers—Hampden Toy Co., Westfield, Mass.
PARAGON DUPLEX—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARAGON TRIPLEX lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARA-KON safety razors—Arnold Co., Reading, Pa.
PARALLEL comealongs—Eureka Co., North East, Pa.
PARALYZER clod crushers—Moline Plow Co., Moline, Ill.
PARAMO packing—Revere Rubber Co., Chelsea, Mass.
PARAMOUNT babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
PARAMOUNT boiler compounds, auto floor & lubricating oils—Frederick Schilling, 617 Greenwich, New York
PARAMOUNT hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PARAMOUNT patterns & models—Wunsch & Washburn Stone av & McDougal, Brooklyn, N. Y.
PARAMOUNT steel tubing—Pressed Metal Radiator Co., Oliver bldg, Pittsburgh, Pa.
PARANITE submarine cables, insulated rubber covered & telephone wires—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
PARA-STEEL reflectors—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
PARATAX rubber roofing—Usona Mfg. Co., Aurora, Ill.
PARAVASELINE lubricating oil for cleaning guns & revolvers—Remington Arms-Union Metallic Cartridge Co., Inc., 233 Broadway, New York
PARENITE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
PARENITO packing—Manhattan Rubber Co., Passaic, N. J.
PARIAN glass shades—Gill Bros. Co., Steubenville, Ohio
PARIL'S jams, jellies & preserves—Puyallup & Summer Fruit Growers' Canning Co., Puyallup, Wash.
PARIPAN enamels—W. H. S. Lloyd Co., 105 W. 40th, New York
PARIS broom corn harvesters—Paris Foundry & Machine Works, Paris, Ill.
PARIS crepe paper napkins—Tuttle Press Co., Appleton, Wis.
PARISIAN electric hair drying comb—Wm. E. Slaughter Co., 1716 S Michigan av, Chicago, Ill.
PARK lawn sprinklers—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
PARKER corner bead—Youngstown Pressed Steel Co., Warren, O.
PARKER corner beads—Youngstown Pressed Steel Co., Warren, Ohio
PARKER air compressors—Brunner Mfg. Co., Utica, N. Y.
PARKER COMBINATION vises—Oswego Tool Co., Oswego, N. Y.
PARKER corner bead—Sharon Steel Hoop Co., Sharon, Pa.
PARKER machinists—Parker Machine Co., 221 High, Boston, Mass.
PARKER expansion bolts—Parker Supply Co., 785 E. 135th, New York
PARKER governor pulleys—Brownwall Engine & Pulley Co., Holland, Mich.
PARKER harrows & pulverizers, portable presses tobacco screws—Ripley Foundry & Machine Co., Ripley, Ohio
PARKER mine car wheels—Eagle Iron Works Co., Terre Haute, Ind.
PARKER shot guns—Parker Bros., Meriden, Conn.
PARKER water tube boilers—Parker Boiler Co., 9th & Sansom, Phila., Pa.
PARKHURST burr pickers—Brown Cotton Gin Co., New London, Conn.
PARKHURST burr pickers—Curtis & Marble Machine Co., Worcester, Mass.
PARK'S Fdy molding machines—A. Buch's Sons Co., Elizabethtown, Pa.
PARK'S self-hardening steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
PARK'S magnetic brad sets—Electric Appliance Mfg. Co., Dept. H, Waterbury, Conn.
PARKS-CRAMER air cooling & purifying apparatus—Parks-Cramer Co., Fitchburg, Mass.
PARLIN corn planters—Parlin & Orendorff Co., Canton, Ill
PAR-LOCK mastic roofing—Union Products Co., 1248 W. 70th, Cleveland, Ohio
PARLOR CITY CANDY counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
PARLOR PRIDE stove polish—Parlor Pride Mfg. Co., North Andover, Mass.
PARMACO oil well packers—Parkersburg Machine Co., Parkersburg, W. Va.
PARMALEE ratchet wrenches—Parmalee Wrench Co., 2515 E. Monroe, Chicago, Ill.
PARMENTER car fenders & wheel guards—Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.
PAROLE oil cups—Wm. Powell Co., Cincinnati, Ohio
PAROLINE motor oil—Bayerson Oil Works, Erie, Pa.
PAROWAX paraffine wax—Standard Oil Co. of N. Y. 555 W. 25th, New York
PARR calorimeters—Standard Calorimeter Co., East Moline, Ill.
PARRETT gasoline & kerosene traction engines—Parrett Tractor Co., 343 S. Dearborn, Chicago, Ill.
PARRETT traction gasoline engines—Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.
PARROTT metal polish—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
PARROTT varnish, paint & varnish remover—Parrott Varnish Co., Bridgeport, Conn
PARRY automobile truck trailers—Parry Mfg. Co., Indianapolis, Ind.
PARRY besemer iron—Carbon Furnace Co., Ltd., Mauch Chunk, Pa.
PARSON'S flue cleaners, gas exhausters, tar burners—Parsons Mfg. Co., 35 Nassau, New York
PARSON'S manganese bronze castings—Wm. Highton & Sons Co., Nashua, N. H.
PARSON'S manganese bronze castings—Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
PARSON'S manganese bronze ingots, alloys, white brass rods, sheets—Wm. Cramp & Sons, Ship & Engine Building Co., Beach & Ball, Phila., Pa.
PARSON'S self-feeders & band cutters—Maytag Co., Newton, Ia.
PARSON'S sewer & trench & excavating machines—Parsons Co., Newton, Ia.
PARTINE parting compounds—Foundry Specialty Co., Cincinnati, Ohio
PARTRIDGE tool & bench grinders—E. O. I 1039 W Lake, Chicago, Ill.
PARTWELL parting compounds—Hill-Brunner Foundry Supply Co., 637 Evans, Cincinnati, Ohio
PARTZ circuit batteries—S. S. White Dental Mfg. Co., 211 S. 12th, Phila., Pa.
PARUM lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
PASSAIC auger bits—C. E. Jennings & Co., 71 Murray, New York
PASSAIC shaft tips—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
PASTELLE glass shades—Consolidated Lamp & Glass Co., Coropolis, Pa.
PASTIME clothes washing machines—Maytag Co., Newton, Ia.
PASTIME lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
PASTRY flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
PATAPSCO rule stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.
PATCH grate bars—S. B. Patch & Sons Co., Streator, Ill.
PATHFINDER acetylene mine lamps—Hughes Bros., Scranton, Pa.
PATROL fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
PATROL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
PATROL watchman's portable clocks—Hardinge Bros., Inc., 4203 Ravenswood av, Chicago, Ill.
PATTEE cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
PATTEN electric hoists—Patten Mfg. Co., Chattanooga, Tenn.
PATTERSON junction boxes—Stanley & Patterson, 23 Murray, New York
PATTERSON lustre polish—Patterson Lubricating Co., 114 Broad, Boston, Mass.
PATTERSON sliding motion sifters—Patterson Foundry & Machine Co., East Liverpool, Ohio
PATTERSON steam separators & heaters—Patterson-Kelley Co., Church & Cortland, New York
PATTERSON tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
PATTERSON wood & steel hand-made blocks—W. W. Patterson Co., 54 Water, Pittsburgh, Pa.
PATTON'S shingle stains, paints & varnish remover, iron fillers—Patton Paint Co., Milwaukee, Wis.
PAUL elect. pumps & water supply systems—Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
PAUL air valves, steam traps & vacuum heating—Andrew G. Paul Co., 1414 Milk, Boston, Mass.
PAUL air valves, vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
PAUL KLUG wool finishing machines—L. H. A. Schwartz & Co., 40 Central, Boston, Mass.
PAULL kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
PAULL'S LEADER tubular lanterns—Wheeling-Stamping Co., Wheeling, W. Va.
PAULUS self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd. St. Louis, Mo.
PAULY cement sewer pipe machinery—Concrete Stone & Sand Co., Youngstown, Ohio
PAWNEE belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
PAXSON-COLLIAU foundry cupolas—J. W. Paxson Co., 1021 N. Delaware av, Phila., Pa.
PAXSON-WARREN sand blast machines—J. W. Paxson Co., 1021 N. Delaware av, Phila., Pa.
PAXTILE leather packing—Watson Stillman Co., 28 Church, New York
PAXTON pig iron—Central Iron & Steel Co., Dept. H, Harrisburg, Pa.
PAYSON furniture casters—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
PAYZANT show card lettering pens—Keuffel & Esser Co., Hoboken, N. J.
PEACE weather strips—Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.
PEACEMAKER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
PEACH base balls, base ball bats, base ball masks—J. A. Peach, Gloversville, N. Y.
PEACH BOTTOM roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio
PEACOCK electric car brakes—National Brake Co., Buffalo, N. Y.
PEACOCK silk typewriter ribbons & carbon papers—Ink Ribbon Mfg. Co., 635 Howard, San Francisco, Cal.
PEARCE rules—Chapin-Stephens Co., Pine Meadow, Conn.
PEARL white felt buffing & polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.

PEARL heating stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
PEARL hydraulic packing—Hewitt Rubber Co., Buffalo, N. Y.
PEARL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
PEARL lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
PEARL wire cloth—Gilbert & Bennett Mfg. Co., Georgetown, Conn.
PEARLITE foundry fluxes—Basic Mineral Co., Box 276, N. S., Pittsburgh, Pa.
PEARSON jacks & king bolt clamps—Pearson Jack Co., 185 Franklin, Boston, Mass.
PEARSON nailing tools—E. Martin Pearson, Robbinsdale, Minn.
PEARSON neck yokes, neck yoke centers—National Neck Yoke Co.; Rock Island, Ill.
PEARSON CYCLONE spike pullers—Chas. Morrill, 100 Lafayette, New York
PEASE apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
PEASE belt dressing, oil cups—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
PEASE fanning mill—Marseille Wks. of Deere & Co., East Moline, Ill.
PEASE tobacco cutting machines—Buckeye Iron & Brass Works, Dayton, Ohio
PEASE venetian blinds—Chicago Millwork & Supply Co., 1404 W. 37th, Chicago, Ill.
PEASE ECONOMY steam heaters—International Heater Co., Utica, N. Y.
PEAVEY axes, canthooks, cant-dogs—Peavey Mfg. Co., Bangor, Me.
PEBCO steam heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
PEBECO tooth paste—Lehn & Fink, 120 William, New York
PECK blast gates, drop hammers & presses—Miner & Peck Mfg. Co., Derby, Conn.
PECK carriers—Link-Belt Company, 300 W 39th, Chicago, Ill.
PECK-HAMMOND hot air furnaces—Williamson Heater Co., 339 W. 5th, Cincinnati, Ohio
PECK'S auger handles—Peck, Stow & Wilcox Co., Southington, Conn.
PECO fuel oil burners—Production Engineering Co., 1716 Spring Garden, Phila., Pa.
PECORA paint—Pecora Paint Co., Sedgley av., Phila., Pa.
PECORP drilling machines—Providence Engineering Corp, 521H S Main, Providence, R. I.
PEDRO toilet paper—Northern Paper Mills, Green Bay, Wis.
PEECO strainers for water, oil & steam—Plant Engineering & Equipment Co., Inc., 192H Broadway, New York
PEEKAY metal polish—Pride of the Kitchen Co., 388 Smith, Brooklyn, N. Y.
PEEL brick ovens—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.
PEELLE elevator gates, folding doors—Peele Co., 123 Liberty, New York
PEER-O-DAY incubators & brooders—Ernest F. Hodgson Co., 116 Washington, Boston, Mass.
PEERLESS air washers—New York Blower Co., Archer av & Canal, Chicago, Ill.
PEERLESS aqua & anhydrous ammonia—National Ammonia Co., 3600 N. Broadway, St. Louis, Mo.
PEERLESS ash & garbage cans, ash sieves—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PEERLESS atomizers—Hospital Rubber Co., Attleboro, Mass.
PEERLESS axes—American Axe & Tool Co., Glassport, Pa.
PEERLESS axes—Dunn Edge Tool Co., Oakland, Me.
PEERLESS barn door hangers—Lawrence Bros., Sterling, Ill.
PEERLESS beef hoists—W. C. Treece & Co., Findlay, Ohio
PEERLESS bell bottom jacks—New London Vise Works, New London, Conn.
PEERLESS belt dressing, boiler compounds—O. F. Zurn Co., Broad & Lehigh av, Phila., Pa.
PEERLESS belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
PEERLESS boat cushions—Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
PEERLESS book binders' machinery—A. G. Burton Son, 118 S. Clinton, Chicago, Ill.
PEERLESS buckskin lace leather—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
PEERLESS can openers—Bradley & Farnham, Middlefield, Conn.
PEERLESS can openers—John H. Graham & Co., 113 Chambers, New York
PEERLESS carbon paper—E. A. Brecher & Co., 119 Lafayette, New York
PEERLESS carpet nails—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
PEERLESS carpet sweepers—National Sweeper Co., Torrington, Conn.
PEERLESS carving lathes—Valley City Machine Works, Grand Rapids, Mich.
PEERLESS cement—Peerless Portland Cement Co., Union City, Mich.
PEERLESS cement brick machines—Peerless Brick Machine Co., 1234 Central av, Minneapolis, Minn.
PEERLESS chain hoists—Edwin Harrington, Son & Co., 17th & Callowhill, Phila., Pa.
PEERLESS check writing machines—Todd Protectograph Co., 1050 University av, Rochester, N. Y.
PEERLESS children's vehicles—South Bend Toy Mfg. Co., South Bend, Ind.
PEERLESS clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
PEERLESS clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.
PEERLESS cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
PEERLESS coffee roasters—M. Lally & Co., 29 W. 3rd, Cincinnati, Ohio
PEERLESS coffee & spice—Wrightsville Hardware Co., Wrightsville, Pa.
PEERLESS commutator slotting machines—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
PEERLESS corn husking machines—Peerless Husker Co., 523 Cornwall av., Buffalo, N. Y.
PEERLESS counting machines—J. E. Sheppard Co., Worcester, Mass.
PEERLESS crayons—Stanley Doggett, 11 Cliff, New York
PEERLESS cultivators—Greenville Implement Co., Greenville, Mich.
PEERLESS cultivators, feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio.
PEERLESS curb service boxes—Modern Iron Works, Quincy, Ill.
PEERLESS curtain fasteners—F. A. Neider Co., Dept. H, Augusta, Ky.
PEERLESS cutting & drilling compounds—Racine Tool & Machine Co., Racine, Wis.
PEERLESS display racks & dish washing machines—Indianapolis Corrugating Co., 120 S. Dover, Indianapolis, Ind.
PEERLESS door mats—D. A. Hinman & Co., Sandwich, Ill.
PEERLESS dough mixing & kneading machines—Baker's Sons J. & Perkins Co., Inc., White Plains, N. Y.
PEERLESS dynamos & motors, electric portable fans—Peerless Electric Co., Warren, Ohio
PEERLESS electrical testing instruments, photometers, pyrometers, tachometers, thermometers—Thompson-Levering Co., 325 Arch, Phila., Pa.
PEERLESS enamels—Akron Varnish Co., Akron, Ohio
PEERLESS exhaust heads—Ambrose Machine Co., 254 Eagle, Brooklyn, N. Y.
PEERLESS fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
PEERLESS fire hose—Eureka Fire Hose Mfg. Co., 27 Barclay, New York
PEERLESS fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
PEERLESS fireplace dampers—Peerless Mfg. Co., Louisville, Ky.
PEERLESS fly traps—Wickwire Spencer Steel Corp., Worcester, Mass.
PEERLESS folding seats—Fernald Mfg. Co., North East, Pa.
PEERLESS folding seats—Metal Stamping Co., 13th, Long Island City, N. Y.
PEERLESS folding tables—Carron Co., Ludington, Mich.
PEERLESS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio
PEERLESS friction clutches—Essmueller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.
PEERLESS fruit pickers—Woods-Sherwood Co., Worcester, Mass.
PEERLESS furnace pipe fittings & hot air furnace tops—Wilbur S. Steele Co., Hartford, Conn.
PEERLESS galvanized sheet steel—Abbott Mfg. Co., 4714 Central av, S. E., Cleveland, Ohio
PEERLESS garage floor drains—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.
PEERLESS garment hangers—Hincher Mfg. Co., Washington, Ind.
PEERLESS gas stoves—Peerless Stove & Mfg. Co., Columbus, Ohio
PEERLESS gasoline sad irons—Tures Mfg. Co., Milwaukee, Wis.
PEERLESS glazier's points—Austin & Eddy, 117 Broad, Boston, Mass.
PEERLESS glaziers' putty—John Briggs & Co., 45 Purchase, Boston, Mass.
PEERLESS glue—Magnet Cement & Dressing Co., Primos, Pa.
PEERLESS grease cup—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
PEERLESS grease extractors, steam separators, steam traps—Hussey, McCann & Co., 87 Warren, New York
PEERLESS handcuffs—Peerless Handcuff Co., Springfield, Mass.
PEERLESS harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.
PEERLESS hay fork pulleys, hay carriers—Hunt, Helm Ferris & Co., Harvard, Ill.
PEERLESS heaters—Peerless Heater Co., Pittsburgh, Pa.
PEERLESS high speed reamers—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PEERLESS incubators & brooders—H. M. Sheer Co., Quincy, Ill.
PEERLESS insulation—National Fibre & Insulation Co., Yorklyn, Del.
PEERLESS jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
PEERLESS kitchen boilers—John F. Binder, 6 W. Lake, Chicago, Ill.
PEERLESS lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
PEERLESS lawn mower sharpeners—Fate-Root-Heath Co., Plymouth, Ohio
PEERLESS lawn swings—Challenge Co., Batavia, Ill.
PEERLESS leather wheels—Pfiegher Hardware Specialty Co., New Haven, Conn.
PEERLESS lubricating oils & greases—Geo. A. Haws, 135 Front, New York
PEERLESS metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York
PEERLESS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
PEERLESS meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio
PEERLESS mixed paint—C. A. Woolsey Paint & Color Co., 490 Grand, Jersey City, N. J.

PEERLESS nickel chromium wire—Alloy Metal Wire Co., 154 Nassau, New York
PEERLESS nickel salts—Wm. T. Finkell, 103 Maiden la, New York
PEERLESS non-explosive cans—Non-Explosive Can Co., 127 S. Green, Chicago, Ill.
PEERLESS paint cans—Manufacturers' Can Co., Harrison, N. J.
PEERLESS paint & varnish remover—Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.
PEERLESS paper doilies—Milwaukee Lace Paper Co., 050 Lee, Milwaukee, Wis.
PEERLESS pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
PEERLESS pipe grips—Prentiss Vise Co., 110 Lafayette, New York
PEERLESS pipeless furnace—Peerless Foundry Co., 1935 Ludlow av, Indianapolis, Ind.
PEERLESS potato planters—Potato Implement Co., Traverse City, Mich.
PEERLESS radiators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
PEERLESS ready roofing—American Roofing Co., Kansas City, Mo.
PEERLESS recording pressure gauges—Jones Gauge Co., 5 Broad, Boston, Mass.
PEERLESS rubber covered wire—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
PEERLESS rubber horse shoes—Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.
PEERLESS rubber type—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
PEERLESS rubber vulcanizers—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
PEERLESS sash hangers & fasteners—Stanley Works, New Britain, Conn.
PEERLESS sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
PEERLESS seed corn dryers—Bain Bros. Mfg. Co., Cedar Rapids, Ia.
PEERLESS shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
PEERLESS shoe factory electric heating & ironing outfits—Boston Last Co., 44 Binford, Boston, Mass.
PEERLESS smoked beef slicing machines—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
PEERLESS soldering paste—Solderall Co., 127 Sussex av, Newark, N. J.
PEERLESS spray nozzle, grease cups—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
PEERLESS spray pumps—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
PEERLESS squaring shears—Ewert & Kutscheid Mfg. Co., 921 W. 49th pl, Chicago, Ill.
PEERLESS stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
PEERLESS stoves—Grinberg Bros., 154 South, New York
PEERLESS table mats—Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
PEERLESS tallow—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
PEERLESS tin key faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
PEERLESS transformers—Enterprise Elec. Co., Warren, Ohio
PEERLESS valves—Haydenville Co., Haydenville, Mass.
PEERLESS vises—Fulton Machine & Vise Co., Lowville, N. Y.
PEERLESS well pump—Deming Co., Salem, Ohio
PEERLESS window cleaners—Standard Cleaner Co., 136 W. Lake, Chicago, Ill.
PEERLESS wire brushes—Peerless Mfg. Co., New Durham, N. H.
PEERLESS wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
PEERLESS wooden barrows—Frank R. Prescott, Meredith, N. H.
PEERLESS woven wire fences—Peerless Wire Fence Co., Adrian, Mich.
PEERLESS-BRILLIANT incandescent & mazda lamps—Peerless-Brilliant Lamp Division of G. E. Co., Warren Ohio
PEERLESS IMPROVED sanitary hot air furnaces—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
PEERLESS INDESTRUCTO incandescent gas mantles—Peerless Light Co., 663 W. Washington blvd, Chicago, Ill.
PEERLESS WHITE granite—Woodbury Granite Co., Hardwick, Vt.
PEERLESS PERFECT PROTECTION weather proof wire—Peerless Insulated Wire & Cable Co., 90 West, New York
PEERLITE elec. light fixtures—Peerless Light Co., 663 Washington blvd, Chicago, Ill.
PEET'S paper clips—Peet Bros., 618-20H Cherry, Phila., Pa.
PEIRCE brick & stone drills for expansion bolts—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
PEIRCE clamp pins, electric house brackets—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
PEKIN farm wagons—Pekin Wagon Co., Pekin, Ill.
PEKOR quick opening throttle valves—Pekor Iron Wks., Columbus, Ga.
PELICAN nail pullers—Miller's Falls Co., 28 Warren, New York
PELICAN oil—Texas Company, 17 Battery pl, New York
PELICAN WHITE PINE lumber—Pelican Bay Lumber Co., Klamath Falls, Oreg.
PELLA hay stackers—Garden City Feeder Co., Pella, Ia.
PELOUZE electric sad irons—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
PELTON water wheels—Walker Mfg. Co., Denver, Colo.
PEMCO arc lamps, arc lamp brackets, commutator bars, electric lamp hoods, fuse boxes, lock-nuts, washers, trolley wire hangers, street fixtures & strain insulators—Philadelphia Electrical & Mfg. Co., 1236 N. 31st, Phila., Pa.
PEMCO porcelain enameled table tops—Porcelain Enamel & Mfg. Co., 8th & O'Donnel, Baltimore, Md.
PENBERTHY boiler injectors, engine lubricators, oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
PENCE automobile wind shields—Pence Automobile Co., Minneapolis, Minn.
PENCO—kalameined doors & windows, metal boxes, metal lath, metallic shingles, steel portable houses, sheet steel stair risers, ceilings, steel corner beads, fireproof metal doors, roofing & corrugated iron—Penn Metal Co., 65 Franklin, Boston, Mass.
PEN-DAR metallic filing cabinets, steel shelving, tool cabinets—Edw. Darby & Sons Co., 412 N. 18th, Phila., Pa
PEN DAR refuse burners—Pennsylvania Wire Works, 412 N. 18th, Phila., Pa.
PENDERGAST track brooms—Mass Commission for the Blind, Cambridge, Mass.
PENDULUM hand washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
PENGUIN oil cups—Wm. Powell Co., Cincinnati, Ohio
PENINSULAR button fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
PENINSULAR cement—Peninsular Portland Cement Co., Cement City, Mich.
PENINSULAR paint & varnish remover—Peninsular Paint & Varnish Co., St. Auben & M. C. R. R., Detroit, Mich.
PENINSULAR rubber hose—Empire Tire & Rubber Corp., Trenton, N. J.
PENN. belt dressing—Penna. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
PENN car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
PENN cutting oils—Penn Oil & Supply Co., Ltd., Oil City, Pa.
PENN engine & machine oilers—Penn Oiler Co., 250 Fulton, New York
PENN gas burners—Odin Stove Mfg. Co., Erie, Pa.
PENN gas stoves—Penna Furnace & Stove Co., Warren, Pa.
PENN metal lath—Penn Metal Co., 65 Franklin, Boston, Mass.
PENN padlocks—Slaymaker Lock Co., Lancaster, Pa.
PENN safety razors—A. C. Penn, Inc., 100 Lafayette, New York
PENN transom lifts—Penn Hardware Co., Reading, Pa.
PENN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
PENN unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
PENN-ALLEN cement—Penn-Allen Cement Co., Allentown, Pa.
PENN KELLER canvas, cotton flannel & jersey gloves—Keller Glove Mfg. Co., Inc., Plumsteadville, Pa.
PENN-SPARTAN sash pulleys—Penn Hardware Co., Reading, Pa.
PENN-VULCAN sash pulleys—Penn Hardware Co., Reading, Pa.
PENNA comealongs—B.-R. Electric & Tel. Mfg. Co., Kansas City, Mo.
PENNA hot air furnaces, gas soldering furnaces—Penna. Furnace Stove Co., Warren, Pa.
PENNA BLACK slate blackboard, structural slate—Superior Slate Co., Allentown, Pa.
PENNANT cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
PENNANT lawn mowers—American Lawn Mower Co., Muncie, Ind.
PENNANT oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
PENNELL fish hook—Redifor Rod & Reel Co., Warren, Ohio
PENNIE back water valves—Kennedy Valve Mfg. Co., Elmira, N. Y.
PENNINGTON harrows & pulverizers—Towers & Sullivan Mfg. Co., Rome, Ga.
PENNINGTON turbine pumps—Vulcan Iron Works Co., Denver, Colo.
PENNOCK angle benders—American Road Machinery Co., Kennett sq., Pa.
PENNSYLVANIA cement—Pennsylvania Cement Co., 30 E. 42nd, New York
PENNSYLVANIA fanning mills, feed cutters, root cutters—A. Buch's Sons Co., Elizabethtown, Pa.
PENNSYLVANIA fruit pickers—Edw. Darby & Sons Co., 412 N. 18th, Phila., Pa.
PENNSYLVANIA fruit pickers—D. A. Wedmore & Co., Camden, N. J.
PENNSYLVANIA grain drills—A. B. Farquhar Co., Ltd., York, Pa.
PENNSYLVANIA lawn mowers, lawn trimmers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
PENNSYLVANIA lawn mowers—Pennsylvania Lawn Mower Works, 1615 N. 23d, Phila., Pa.
PENNSYLVANIA limestone stone pulverizers—Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
PENNSYLVANIA threshers—Heebner & Sons, Lansdale, Pa.
PENNSYLVANIA GOLF lawn mower—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.

PENNSYLVANIA GRAND horse lawn mowers—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
PENNSYLVANIA JUNIOR lawn mowers — Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
PENNSYLVANIA PONY horse lawn mowers—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
PENNSYLVANIA PUTTING GREENS lawn mower—Penna. Lawn Mower Works, 1615 N 23rd,, Phila., Pa.
PENNSYLVANIA STANDARD horse lawn mowers—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
PENNSYLVANIA TRIO horse lawn mowers—Penna. Lawn Mower Works, 1615 N 23rd, Phila., Pa.
PENN-TITIAN sash pulleys—Penn. Hardware Co., Reading, Pa.
PEN-PERFECT apple parers—Penn. Hardware Co., Reading, Pa.
PENTANE photometer lamps—American Meter Co., 3112 N. 17th, Phila., Pa.
PENTEX fireproof hollow tile—Penna. Fireproofing Co., Erie, Pa.
PENTICOST steam heaters—Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
PEORIA eaves-trough hangers—Clark-Smith Hardware Co., Peoria, Ill.
PEORIA gas heaters—Culter & Proctor Stove Co., Peoria, Ill.
PEORIA grain weighers & loaders—Hart Grain Weigher Co., Peoria, Ill.
PEORIA harrow attachments, end gate seeders, portable grain elevators—Peoria Drill & Seeder Co., Peoria, Ill.
PEORIA traction engines—Peoria Tractor Co., Peoria, Ill.
PEP abrasives & valve grinding compounds—Worcester Abrasive Co., Worcester, Mass.
PEPEROID catalog envelopes—Alvah Bushnell Co., 927 Filbert, Phila., Pa.
PEPCO piston rings—Penn Piston Ring Co., 203 St. Clair av, N. E., Cleveland, Ohio
PEP-STEP rubber heels—Atlantic Mfg. Co., Wilmington, Del.
PEPPERCORN butchers & shoe knives & steels—Baker Cutlery & Hardware Co., 101 Duane, New York
PEPPER POD lubricators—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
PEQUOT belt lacing—Holyoke Belting Co., Holyoke, Mass.
PEQUOT steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
PEQUOT bilge pumps—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
PEQUOT padlocks—Sargent & Co., New Haven, Conn.
PER-BONA insulating paper—Lehon Co., 4451 Oakley, Chicago, Ill.
PERCO crucible steel & welding wire—Perkins Steel Co., Inc., 145 Liberty, New York
PERCOLO vacuum washer—Erie Metal Products Co., Erie, Pa.
PERFECT annunicators—Electric Goods Mfg. Co., Canton, Mass.
PERFECT anti-friction babbitt metal—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
PERFECT apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
PERFECT arc lamp clutches—Phila. Electrical & Mfg. Co., 1236 N. 31st, Phila., Pa.
PERFECT automatic air valves—W. A. Russell & Co., 63 W. 37th, New York
PERFECT automatic grapple forks—F. E. Myers & Bro., Ashland, Ohio
PERFECT automobile wind shields—Fellweck Automobile & Mfg. Co., Evansville, Ind.
PERFECT barrel swings—Upton & Gilman Machine Co., Lowell, Mass.
PERFECT boiler flue & tube cleaners—Hilts Wrench & Mfg. Co., Richford, N. Y.
PERFECT brake wheels—Dayton Malleable Iron Co., Dayton, Ohio
PERFECT bronze wire cloth, fly traps—Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
PERFECT broom holders, garment hangers, cattle dehorners, hog ringers & rings & roofing tongs—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PERFECT carriage fasteners—C. Cowles & Co., New Haven, Conn.
PERFECT carriage fasteners—Crandal Stone Div., The Brewer-Fitchener Corp., Binghamton, N. Y.
PERFECT cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
PERFECT cupboard catches—Automatic Door Catch Co., Harvey, Ill.
PERFECT currycombs—Wisconsin Metal Products Co., Racine, Wis.
PERFECT disc harrows—Bucher & Gibbs Plow Co., Canton, Ohio
PERFECT dish drainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
PERFECT door checks and springs—Stanley Works, New Britain, Conn.
PERFECT door hangers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
PERFECT door springs—Sharon Hardware Mfg. Co., Sharon, Pa.
PERFECT expansion bolts—Isaac Church, East Norwalk, Conn.
PERFECT fire place heaters—Richardson & Boynton Co., 31 W. 31st, New York
PERFECT flue cutters—J. Faessler Mfg. Co., Moberly, Mo.
PERFECT fruit pickers—Woods-Sherwood Co., Worcester, Mass.
PERFECT garden, lawn & poultry fences—F. P. Smith Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
PERFECT garment hangers & paper clips—Henry C. Freshour, Bridgeport, Conn.
PERFECT gas main stoppers—Edw. A. Behringer, 98 Park pl, New York
PERFECT glass cutters—H. C. Hart Mfg. Co., Unionville, Conn.
PERFECT hack saw frames—Caldwell Tool Mfg. Co., Dept. H, Springfield, Mass.
PERFECT hame fasteners—Weldless Chain Co., Bridgeport, Conn.
PERFECT hose menders—L. R. Nelson, Peoria, Ill.
PERFECT hot air furnaces—W. G. McPherson Co., Portland, Ore.
PERFECT hydraulic lifts—Illinois Pump & Brass Co., Peoria, Ill.
PERFECT knife & scissors grinders—Shawmut Machinery Co., 82 Lincoln, Boston, Mass.
PERFECT lawn sprinklers—Stuber & Kuck, Peoria, Ill.
PERFECT lemon squeezers, steel stove trimmings & stove trucks—Arcade Mfg. Co., Freeport, Ill.
PERFECT oven illuminators—George L. Beitner, Bridgeport, Conn.
PERFECT paper cutting machines—Black-Clawson Co., Hamilton, Ohio
PERFECT pipe bending springs—Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, Ohio
PERFECT pipe hangers—D. L. Billings & Co., 762 Dudley, Boston, Mass.
PERFECT portable benches—Em-Em Selling Co., 422 E. 16th, New York
PERFECT radiator shields—Decatur Cornice & Roofing Co., Decatur, Ill.
PERFECT radiator shields & automatic ventilators—J. D. Gerken Co., Toledo, Ohio
PERFECT rubber hose—Empire Tire & Rubber Corp., Trenton, N. J.
PERFECT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York
PERFECT self indexing ledger—Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.
PERFECT shelf hardware boxes—Chas. P. Moore, Ravenswood, W. Va.
PERFECT sickle grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.
PERFECT sink strainers—Central Stamping Co., 172 Fulton, New York
PERFECT steel shipping barrels—Detroit Range Boiler & Steel Barrel Co., 619-24th, Detroit, Mich.
PERFECT steel tubular barrows—Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
PERFECT valve discs—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
PERFECT valve discs—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
PERFECT wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
PERFECT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
PERFECT window regulators—Perfect Window Regulator Co., 20 Exchange pl, New York
PERFECT woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.
PERFECT CLINCHING hose coupling—L. R. Nelson, Peoria, Ill.
PERFECT DOUBLE TONG drill sockets—Cleveland Twist Co., 1 E 49th, Cleveland, Ohio
PERFECT FIT binder covers—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
PERFECT-FIT sheet steel ceilings—Eller Mfg. Co., Canton, Ohio
PERFECT HANDLE screw drivers, tack claws & pullers, drawing knives, machinists' hammers, hatchets, wrenches—H. O. Smith & Co., Plantsville, Conn.
PERFECT & McLAIN electric car headlights—Trolley Supply Co., Canton, Ohio
PERFECT SUCCESS bricket spray pumps—Deming Co., Salem, Ohio
PERFECTED piano wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
PERFECTION ash sifters & wire cloth—Success Mfg. Co., Gloucester, Mass.
PERFECTION automobile heaters—Perfection Heater & Mfg. Co., 6453 Carnegie av, Cleveland, Ohio
PERFECTION automobile robes—A. Holnigsberger, 16 S. Market, Chicago, Ill.
PERFECTION babbitt metal & brass wire cloth digesters—Eastwood Wire Mfg. Co., Belleville, N. J.
PERFECTION bath brushes—Standard Brush Co., New Hartford, Conn.
PERFECTION belt dressing—Fansher Bros., Dayton, Ohio
PERFECTION belt lacing—Hudson Belt Fastener Co., 149 Church, New York
PERFECTION belting—Bonner & Barnewall, 80 Church, New York
PERFECTION belting, fire & cotton hose & dredging sleeves—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PERFECTION bench grinders—Star Specialty Mfg. Co., 227-233 W Erie, Chicago, Ill.
PERFECTION blower cleaners—Perfection Grate & Supply Co., Springfield, Mass.
PERFECTION boiler compounds—Brewer & Co., Worcester, Mass.
PERFECTION boiler compounds—Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.
PERFECTION boiler compound feeders—Lake Erie Mfg. Co., Buffalo, N. Y.
PERFECTION box scrapers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
PERFECTION buggy aprons—Bayles Vehicle Top & Trimming Co., Kansas City, Mo.

PERFECTION calf weaners—Aug. Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.
PERFECTION can filling machines, bottle filling machines—U. S. Bottlers' Machy. Co., 2511 Park, Chicago, Ill.
PERFECTION canning machinery—Manufactured by Berger & Carter Co. (owners of Pacific Tool & Supply Co., 365 Market, San Francisco, Cal.
PERFECTION car lamp burners—Edw. Miller & Co., Meriden, Conn.
PERFECTION curtain fasteners, hame tug plates—North & Judd Mfg. Co., New Britain, Conn.
PERFECTION cattle stanchions & linoleum racks—Stanley C. Swift Mfg. Co., Cuba, N. Y.
PERFECTION cellar drainers—Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
PERFECTION china kilns—Bellevue Furnace Co., Detroit, Mich.
PERFECTION clothes line hooks—Franklin Brass Foundry Co., Reading, Pa.
PERFECTION coil chains—Bridgeport Chain Co., Bridgeport, Conn.
PERFECTION computing cheese cutters—American Computing Co., Indianapolis, Ind.
PERFECTION concrete building block machinery—Enterprise Foundry Co., Rochester, N. Y.
PERFECTION concentrated liquid soldering flux—Baltimore Chemical Co., 1901 Park av, Baltimore, Md.
PERFECTION corn forks—Pfleghar Hardware Specialty Co., New Haven, Conn.
PERFECTION crayons—Stanley Doggett, 11 Cliff, New York
PERFECTION cutting compounds—Climax Refining Co., Williamson bldg, Cleveland, Ohio
PERFECTION cutting compounds—Middle States Oil Co., 848 B. of L. E. bldg, Cleveland, Ohio.
PERFECTION direct connected electric light & power plants & storage batteries—Dealers Elec. Light Co., 500 E. 40th, Chicago, Ill.
PERFECTION door checks & springs—Wickwire Spencer Steel Corp., Worcester, Mass.
PERFECTION door springs—Wickwire Spencer Steel Corp., Worcester, Mass.
PERFECTION drawing compounds—Swan & Finch Co., 165 Broadway, New York
PERFECTION door springs—Wire Goods Co., Worcester, Mass.
PERFECTION dust collectors—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.
PERFECTION electric light & power plants storage batteries & switchboards—Perfection Storage Battery Co., 500 E. 40th, Chicago, Ill.
PERFECTION electric sign flashers—Electric Carriage Call & Specialty Co., 311 W. 40th, New York
PERFECTION elevator boots—Barnard & Leas Mfg. Co., Moline, Ill.
PERFECTION fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
PERFECTION feed water heaters & feed water purifiers—Milwaukee Reliance Boiler Wks., 1102 32nd, Milwaukee, Wis.
PERFECTION floor scrapers—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
PERFECTION fodder shredders—Silver Mfg. Co., No. 256, Salem, Ohio
PERFECTION garden cultivators—Brown Mfg. Co., Zanesville, Ohio
PERFECTION garden hose reels—Cardington Cabinet Co., Cardington, Ohio
PERFECTION gas generators—American Gas Machine Co., Inc., 78 Reade, New York
PERFECTION grain graders—Chas. Hunnicut Co., Wilmington, Ohio
PERFECTION flexible battery connectors—Fitzgerville, Pa.
PERFECTION insulating washers—Morley Mfg. Co., 120 Boylston, Boston, Mass.
PERFECTION ironing boards—Milford Mfg. Co., Mansfield, Ohio
PERFECTION jointer gauges—Millers Falls Co., 28 Warren, New York
PERFECTION kerosene vapor burning lamps—Ulfers-Mfg. Co., Freeport, Ill.
PERFECTION kettle ranges—Weaver & Co., New Oxford, Pa.
PERFECTION lawn mowers—Dille & McGuire Co., Richmond, Ind.
PERFECTION leaf tobacco dryers—Comas Machine Co., Salem, Va.
PERFECTION lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
PERFECTION lubricators—Crum-Wiley Mfg. Co., Decatur, Ill.
PERFECTION lubricators—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
PERFECTION lunch boxes—White Paper Box Co., Holyoke, Mass.
PERFECTION marine engines—Caille Perfection Motor Co., 2nd & Amsterdam, Detroit, Mich.
PERFECTION metal polish—Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
PERFECTION metal store front construction—Perfection Metal Bar Co., 3321 Lorain av, Cleveland, Ohio
PERFECTION metals—Selby Smelting Works Co., 201 1st, San Francisco, Cal.
PERFECTION milk coolers—Lewis Mfg. Co., Cortland, N. Y.
PERFECTION mitre boxes—Union Hardware Co., Torrington, Conn.
PERFECTION molasses gates—E. I. Scoville Co., Manlius, N. Y.
PERFECTION molasses gates—John Sommer Faucet Co., 30 Morris av, Newark, N. J.
PERFECTION note book holders—Weber-Knapp Co., Jamestown, N. Y.
PERFECTION oil gates—John Sommer Faucet Co., 355 Central av, Newark, N. J.
PERFECTION oilers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
PERFECTION oiling sets—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.
PERFECTION packing—A. W. Chesterton Co., 64 India, Boston, Mass.
PERFECTION packing—Hamilton Rubber Mfg. Co., Trenton, N. J.
PERFECTION packing, journal box waste—Franklin Mfg. Co., Franklin, Pa.
PERFECTION padlocks—Ames Sword Co., Chicopee, Mass.
PERFECTION paper cutters—C. F. Pease Co., 820 N. Franklin, Chicago, Ill.
PERFECTION paste—Michigan Paste & Mfg. Co., 711 W. Fort, Detroit, Mich.
PERFECTION pie plates, tinware—Richardson Mfg. Co., Bath, N. Y.
PERFECTION pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio.
PERFECTION pipe hangers & sleeves, plates, valves, heating thermometers, gauge glasses & shade holders—Beaton & Cadwell Mfg. Co., New Britain, Conn.
PERFECTION piston rings—Automobile Construction & Engineering Co., 3325 Chestnut, Phila., Pa.
PERFECTION post hole diggers—Iwan Bros., South Bend, Ind.
PERFECTION post hole diggers—Seymour Mfg. Co., Seymour, Ind.
PERFECTION potato planters—S. H. Peek's Sons, East Aurora, N. Y.
PERFECTION potato & pump spray sprayers—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
PERFECTION pulley covering—National Mfg. & Engineering Co., 1537 Race, Phila., Pa.
PERFECTION pulley covering—Pulley Facings Co., Penna. bldg, Phila., Pa.
PERFECTION pump packing—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
PERFECTION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
PERFECTION rain water cut-offs—Klauer Mfg. Co., Dubuque, Ia.
PERFECTION ranges—Johnston-Slocum Co., Caro, Mich.
PERFECTION riding listers—Kingman Plow Co., Peoria, Ill.
PERFECTION rivets—Anthony Carlin Co., 2717 E. 75th, Cleveland, Ohio
PERFECTION spray pumps—Barnes Mfg. Co., Mansfield, Ohio.
PERFECTION spray pumps—Thos. Peppler, Hightown, N. J.
PERFECTION spring winders—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
PERFECTION steam engine indicators—Trill Indicator Co., Corry, Pa.
PERFECTION steam joint clamps—F. A. Nausbaum, 219 Ruffner, Lockland, Ohio.
PERFECTION steel stools—Toledo Metal Furniture Co., Toledo, Ohio.
PERFECTION stencil brushes—Hanlon & Goodman Co., 270 Pearl, New York.
PERFECTION stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
PERFECTION tallow—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
PERFECTION tank heaters — Hunt, Helm, Ferris & Co., Harvard, Ill.
PERFECTION tapping devices—Brewing Appliance Specialty Co., Hartford, Conn.
PERFECTION tire pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
PERFECTION toasters—Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
PERFECTION tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
PERFECTION tool grinders—Michigan Engine Valve Co., 437 Columbia, Detroit, Mich.
PERFECTION towel racks—Parker Wire Goods Co., Worcester, Mass.
PERFECTION trolley pole clamps—Virginian Electric & Machine Wks., Dept. H, Charleston, W. Va.
PERFECTION under reamers—Wilson & Willard Mfg. Co., 2301 E Vernon av, Los Angeles, Cal.
PERFECTION valve & signal oils—Galena Signal Oil Co., Franklin, Pa.
PERFECTION vehicle washers—Ryan & Long, Appleton, Wis.
PERFECTION ventilators—Berger Bros. Co., 229 Arch, Phila., Pa.
PERFECTION waste cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PERFECTION water coolers—Perfection Cooler Co., Michigan City, Ind.
PERFECTION water heaters—Pompeian Mfg. Co., 2104 Superior av, Cleveland, Ohio
PERFECTION welding compounds—Perfection Welding Compound Co., Scranton, Pa.
PERFECTION wire cord & rope—Upon-Walton Co. of N. Y., 291 B'way, New York
PERFECTION wire rope—Upson-Watton Co., of N. Y., 291 B'way, New York
PERFECTION wire stitching machines—J. L. Morrison Co., Niagara Falls, N. Y.
PERFECTION woven wire fence stretchers—Dwiggins Wire Fence Co., Anderson, Ind.
PERFECTION DAKOTA grain weighers & loaders—Hart Grain Weigher Co., Peoria, Ill.
PERFECTION HANDY pipe hooks—Beaton & Caldwell Mfg. Co., New Britain, Conn.
PERFECTO air valves—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.

PERFECTO hack saw blades—Ross Mfg. Co., Kansas City, Mo.
PERFECTO lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
PERFECTOL car cleaning compounds—Modoc Co., Fernwood, Phila., Pa.
PERFEX gas igniters—Electric Goods Mfg. Co., Canton, Mass.
PERFORATED rubber matting—W. H. Salisbury & Co., 308 E. Madison, Chicago, Ill.
PERGOLA drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
PERIODOGRAPH time recorders—Gisholt Machine Co., Madison, Wis.
PERKINS carpet sweepers, vacuum—Wilbur C. Perkins & Co., 831 N. Wood, Chicago, Ill .
PERKINS draw stroke trimmers—Perkins & Co., Grand Rapids, Mich.
PERKINS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
PERKINS PATTERN nail mill machinery—H. J. Millers Sons, Bridgewater, Mass.
PERLEX binoculars—American Thermo Ware Co., 16 Warren, New York.
PERMABESTOS packing—Crandall Packing Co., Palmyra, N. Y.
PERMACOLOR incandescent lamp coloring—C. E. Franche & Co., 440 Orleans, Chicago, Ill.
PERMA-EFFECT ground connection clamps—Paiste H. T. Co., 3201 Arch, Phila., Pa.
PERMALIFE storage batteries—Permalife Storage Battery Co., Indianapolis, Ind.
PERMANERE floor finish — Cleveland Varnish Co., 3111 E. 87th, Cleveland, Ohio
PERMANITE cold water paint—M. Ewing Fox Co., 241 E 136th, New York
PERMANITE sheet packing—Argus Asbestos Co., Inc., Dept. T, Port Chester, N. Y.
PERMANOID asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York.
PERMATEX baking enamels—Constant A. Benoit, Jerome av, Brooklyn, N. Y.
PERMOROC blackboards—E. W. A. Rowles Co., 2345 S La Salle, Chicago, Ill.
PEROLIN boiler compounds—Perolin Co. of America, 1090 W. 37th, Chicago, Ill.
PEROO crucible steel & welding wire—Perkins Steel Co., 143 Liberty, New York
PERPETUAL hay presses—J. A. Spencer, Dwight, Ill.
PERPETUAL metallic packing—High Speed Metallic Packing Co., 115 E. S. Water, Chicago, Ill.
PERRY anti-friction side bearings—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
PERRY anti-friction side bearings—Holden & White, 343 S Dearborn, Chicago, Ill.
PERRY cocks & bibbs—Federal-Huber Co., 234 N. Halstead, Chicago, Ill.
PERRY packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
PERRY pumps—United Pump & Power Co., 182 N Dearborn, Chicago, Ill.
PERRY sausage stuffers—Peck, Stow & Wilcox Co., Southington, Conn.
PERRY sausage stuffers—Sargent & Co., New Haven, Conn.
PERRY side bearings — Joliet Railway Supply Co., Joliet, Ill.
PERRY spring tooth harrows—Massey-Harris Harvester Co., Batavia, N. Y.
PERRY wire scrapers—Dicke Tool Co., Downers Grove, Ill.
PERSONS-ARTER magnetic chucks—Persons-Arter Machine Co., Worcester, Mass.
PERTH gauge glasses—H. A. Rogers Co., 87 Walker, New York.
PERU potato diggers, walking listers & drills—Peru Plow & Wheel Co., Peru, Ill.
PERY turnstiles—Pery Mfg. Co., 30 Church, New York
PET fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
PET laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
PETELER automobile jacks—Coe-Stapley Mfg. Co., West Haven, Conn.
PETERS grease traps—Prier Brass Mfg. Co., Kansas City, Mo.
PETERS pivoted window hardware—Jas. Peters & Son, 1934 N. Front, Phila., Pa.
PETERS pumps—Peters Pump Co., Kewanee, Ill.
PETERS steam traps, water line governors—Steam Appliance Co. Milwaukee, Wis.
PETERSEN microtomes—Anker Petersen, 330 Atlantic av, Boston, Mass.
PETERSON'S bolting cloth cleaners—Cream City Can Works, Milwaukee, Wis.
PETERSON'S valve removing tools—Buffum Tool Co., South Side, Louisiana, Mo.
PETITE arc lamps—Western Electric Co., 500 S. Clinton, Chicago, Ill.
PET OAK hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
PETREL oil cups—Wm. Powell Co., Cincinnati, Ohio.
PETRIFAX waterproofing materials—Dexter Bros. Co., 105 Broad, Boston, Mass.
PETRO lubricating oils & greases—Swan & Finch Co., 165 B'way, New York
PETRO sanitary flooring—Petro Pulp Floor Co., Grand av, Temple, Kansas City, Mo.
PETROBESTOS sheet packing—General Asbestos Rubber Co., Charleston, S. C.
PETRO ELASTIC ashpalt cements—Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
PETROL cold water paints & kalsomine—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
PETROLITE packing mfrs' flange joints & sheet—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
PETROLITHIC concrete tampers — Petrolithic Pavement Co., Los Angeles, Cal.
PETROSOTE shingle stains—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
PETTERSEN & Palmquist gas analysis apparatus —Eimer & Amend, 205 3d av, New York
PETTINGILL shoe nailing machines—United Shoe Machinery Co., Boston, Mass.
PETTY automobile & carriage heaters—Progressive Mercantile & Mfg. Co., Pana, Ill.
PEXTO bit braces, auger & expansive bits, chisels & gauges, sheet metal workers' machine & tools, fencing, gas & linemen's pliers & nippers, screwdrivers, pruning shears, pipe, engineers' & mechanical wrenches—Peck, Stow & Wilcox .Co., Cleveland, Ohio
PEXTO pruning shears—Peck, Stow & Wilcox Co., Southington, Conn.
PFAU closet seats—Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, Ohio
PFEIFFER boot calks—North & Pfeiffer Mfg. Co., Hartford, Conn.
PFLUEGER fish hooks, fishing reels, saddlery hardware—Enterprise Mfg. Co., Akron, Ohio
PHALTOID asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tanti, New Orelans, La.
PHANTOM gasoline engines—North Chicago Machine Co., North Chicago, Ill.
PHELPS electric illuminated signs—Phelps Mfg. Co., Detroit, Mich.
PHELPS steam heaters—Phelps Bros. Co., 101 Beekman, New York
PHELPS IDEAL steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.
PHENIX lubricators, oil filters, sight flow indicators —Richardson-Phenix Co., Milwaukee, Wis.
PHENIX storm sash hangers, storm doors & windows —Phenix Mfg. Co., Humboldt ave, c Center, Milwaukee, Wis.
PHENOID paint & varnish remover—Chalmers Chemical Co., 115 Chestnut, Newark, N. J.
PHENOLENE disinfectants—National Disinfecting Co., 306 E. 59th, New York
PHENOLEUM wood preservatives—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
PHILA. arc light cut-outs, conduit joint wrappers, conduit sealing plugs, trolley wire splicing sleeves—Philadelphia Electrical & Mfg. Co., 1228 N. 31st, Philadelphia, Pa.
PHILA. asparagus bunchers—Johnson Mfg. Co., 314 Cherry, Phila., Pa.
PHILADELPHIA carriage bolts, tire bolts—Upson Nut Co., Cleveland, Ohio.
PHILADELPHIA carton sealing machines—Am. Machinery Co., 330 N 12th, Phila., Pa.
PHILADELPHIA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
PHILADELPHIA lawn mowers, lawn trimmers, grass catchers—Philadelphia Lawn Mower Co., 3101 Chestnut, Philadelphia, Pa.
PHILADELPHIA metal frame window screens—Continental Co., Book bldg, Detroit, Mich.
PHILADELPHIA silos—E. F. Schlichter Co., 10 S. 18th, Phila., Pa.
PHILADELPHIA slat irons—C. Cowles & Co., New Haven, Conn.
PHILADELPHIA tinners' snips—C. E. Jennings & Co., 71 Murray, New York
PHILBRICK arc lamp mast arms—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
PHILBRIN for automobiles, aeroplanes, gas & marine engines—Philbrin Corp., Kennett Square, Pa.
PHILCO slotted rubber retainers—Phila. Storage Battery Co., Ontario & C, Phila., Pa.
PHILICO carbon paper & typewriters ribbon—Phillips Ribbon & Carbon Co., 17H Elm, Rochester, N. Y.
PHILLIPS automatic dumps—Phillips Mine & Mill Supply Co., Pittsburgh, Pa.
PHILLIPS expansion bolts—Garrison Brass & Machine Works, 107 W. 13th, New York
PHILLIPS fusible plugs—Glasgow Iron Works & Supply Co., 28 West, New York
PHILLIPS hot air furnaces—Phillips Heating, Vent. & Mfg. Co., 1224 S. Figroa, Los Angeles, Cal.
PHILLIPS metal frame window screens—Continental Co., Book bldg, Detroit, Mich.
PHILLIPS sight feed lubricators—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
PHILLIPS spring hammers—Daugherty, Smith, Phillip Co., 502 W. Division, Chicago, Ill.
PHILLIPSITE tool steel—Conn. Electric Steel Co. Inc., Hartford, Conn.
PHILLIPS WORLDS axle grease—World Refining Co., Easton, Pa.
PHOENIX belting, belt dressing—New York Leather Belting Co., 465 Kent ave, Brooklyn, N. Y.
PHOENIX cement—Phoenix Portland Cement Co., Nazareth, Pa.
PHOENIX cork pullers—Arcade Mfg. Co., Freeport, Ill.
PHOENIX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
PHOENIX fire-proof floors—Henry Maurer & Son, 420 E. 23rd, New York
PHOENIX gasoline blow torches—Decker Mfg. Co., 251 Elm, Newark, N. J.
PHOENIX horse & mule shoes—Phoenix Horse Shoe Co., 209 S La Salle, Chicago, Ill.
PHOENIX metallic window frame—S. Keighley Metal Ceiling & Mfg. Co., 124 3rd av, Pittsburgh, Pa.
PHOENIX nickel-steel wire—Electrical Alloy Co., Morristown, N. J.
PHOENIX oil cups—Wm. Powell Co., Cincinnati, Ohio
PHOENIX packing—Crandall Packing Co., Palmyra, N. Y.
PHOENIX packing—H. Johnson Co., Ft. Gates av, Jersey City, N. J.

PHOENIX porcelain plumbing supplies—General Ceramics Co., 50 Church, New York
PHOENIX packing, cotton & rubber hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
PHOENIX saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
PHOENIX saw vises—Phoenix Hardware Co., Buffalo, N Y.
PHOENIX tool steel for general die work—Hammond Steel Co., Inc., Syracuse, N. Y.
PHOENIX valve & service boxes—Central Foundry Co., 90 West, New York
PHOENIX BULL DOG steel toe-calks—Phoenix Horse Shoe Co., 209 S. La Salle, Chicago, Ill.
PHOENIX METAL rolls—Pittsburgh Rolls Corp., 41st & Willow, Pittsburgh, Pa.
PHONEDOSCOPE trouble finders—G. P. Pilling & Son Co., 23rd. & Arch, Phila., Pa.
PHONE-EZE desk telephone brackets—Fox-Borden Mfg. Co., P. O. Box, 103, Station A., Hartford, Conn.
PHONO-ELECTRIC trolley wire—Bridgeport Brass Co., Bridgeport, Conn.
PHONOGRAPHIC lead pencils—American Lead Pencil Co., 220 5th av, New York
PHONOPOISE desk telephone brackets—K. & B. Co., 497 N. 3rd, Phila., Pa.
PHOSPO chemical engine hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
PHOTOSTAT photographic copying machines—Commercial Camera Co., Rochester, N. Y.
PIANOLITE electric & gas light fixtures—Franks Mfg. Co., Rock Island, Ill.
PIANOSTYLE instrumental music rolls—United Music Stores, 619H Cherry, Phila., Pa.
PICADURA tobacco scrap cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
PICHE evaporometers—Henry J. Green, 1191 Bedford ave, Brooklyn, N. Y.
PICHER red lead; litharge—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
PICKET oil cups—Wm. Powell Co., Cincinnati, Ohio
PICOLO benzine soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.
PIERCE'S commode pails—Northwestern Stamping Co., Burlington, Ia.
PIERCE steam heaters, hot water radiators—Pierce, Butler Co., 437 E. 162nd, New York
PIERESCO wall finish—F. O. Pierce Co., 30 Tiffany pl, Brooklyn, N. Y.
PIERSEN telegraph transmitters—Piersen Mfg. Co., Topeka, Kan.
PIKE'S Peak cement—Colorado Portland Cement Co., Denver, Colo.
PILABRASCO fire extinguishers—Pittsburgh Lamp Brass & Glass Co., Liverpool & River, Pittsburgh, Pa.
PILGRIM belting—B. F. Goodrich Co., Akron, Ohio.
PILGRIM oil cups—Wm. Powell Co., Cincinnati, Ohio
PILLIOD tool cases—Pilliod Lumber Co., Swanton, Ohio
PILOT acetylene gas machines—Oxweld Acetylene Co., 640 Frelinghusen av, Newark, N. J.
PILOT gate valves—Wm. Powell Co., Cincinnati, Ohio
PILOT marine engines—Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
PILOT plows—South Bend Chilled Plow Co., South Bend, Ind.
PILOT stalk cutter attachments—Hartman Mfg. Co., Vincennes, Ind.
PINATINE turpentine substitute—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
PINEO saw guides—New Britain Machine Co., 190 Chestnut, New Britain, Conn.
PINEOSOTE pine oils, rosin, wood cresote—Forest Products Co., 1212 Whitney, New Orleans, La.
PINE TREE turpentine—Thomas Sealy, 138 Front, New York
PINGREE potato planters—Potato Implement Co., Traverse City, Mich.
PINNACLE belting, tank balls—B. F. Goodrich Co., Akron, Ohio
PINNACLE cylinder oil—Texas Company, 17 Battery pl, New York
PINNACLE oil cups—Wm. Powell Co., Cincinnati, Ohio
PINOLEUM disinfectants— Hookwald Chemical Co., 531 Howard, San Fransisco, Cal.
PINOSOL disinfectants—Brewer & Co., Worcester, Mass.
PINTITE rigid shafting coupling—Penn Fdry. Co., Troy, Pa.
PINTSCH car lighting apparatus gas buoys—Safety Car Heating & Lighting Co., 2 Rector, New York
PINTSCH digesters—International Process Co., 5 Beekman, New York
PIONEER acid valves—Pioneer Alloy Products Co. Inc., 16601 Euclid av, Cleveland, Ohio
PIONEER baled shavings—Oscar Smith & Son, Albany, N. Y.
PIONEER bow sockets & carriage joints—Brewer-Litchener Corp., Cortland, N. Y.
PIONEER canned goods—Otoe Food Products Co., Nebraska City, Nebr.
PIONEER carbon paper—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
PIONEER children's vehicles & push carts—Gendron Wheel Co., Toledo, Ohio
PIONEER curtain fasteners, auto stamping, bow sockets & top joints—Crandall, Stone Division, The Brewer-Titchener Corp., Binghamton, N. Y.
PIONEER clay working machy—Taplin-Rice-Clerkin Co., Akron, Ohio
PIONEER drag line scraper & dredging & excavating buckets—Mansfield Engineering Co., Fletcher Trust bldg, Indianapolis, Ind.

PIONEER expansion joints—Pioneer Asphalt Co., Lawrenceville, Ill.
PIONEER farm wagons—Smith Mfg. Co., La Crosse, Wis.
PIONEER flint paper—Wausau Abrasives Co., Wausau Wis.
PIONEER hardwood doors—W. D. Crooks & Sons, Williamsport, Pa.
PIONEER incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.
PIONEER iron stove pipe—Crunden Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
PIONEER lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.
PIONEER metal polish—National Rubber & Specialties Co., Winton pl, Cincinnati, Ohio
PIONEER metal polish, carriage top dressing, valve grinding compounds—Northwestern Chemical Co., Marietta, Ohio
PIONEER molding sander machines—Austin & Eddy, 117 Broad, Boston, Mass.
PIONEER mortise blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
PIONEER packing—Cancas Mfg. Co., Garden & Bridge, Phila., Pa.
PIONEER oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PIONEER packing, rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York.
PIONEER padlocks—Slaymaker Lock Co., Lancaster, Pa.
PIONEER pig iron—Republic Iron & Steel Co., Youngstown, Ohio
PIONEER pig iron—Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
PIONEER post hole diggers—F. E. Kohler Co., Canton, Ohio
PIONEER rubber buckets—National India Rubber Co., Bristol, R. I.
PIONEER screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
PIONEER telephone receivers—Automatic Electric Co., 1001 W. Vanburen, Chicago, Ill.
PIONEER twist drill—Lincoln Twist Drill Co., Taunton, Mass.
PIONEER white & red lead—W. P. Fuller & Co., 301 Mission, San Francisco, Cal.
PIONEER-AMERICAN sheep shearing machines—Oscar Goes & Co., 1822 W. Lake, Chicago, Ill.
PIPE DREAM stove pipe enamels—Rath Mfg. Co., Hedley & Richman, Phila., Pa.
PIQUA rotary & positive pressure blowers—Piqua Blower Co., Piqua, Ohio
PIQUA shelf brackets—Piqua Bracket Co., Piqua, Ohio
PIQUA shovels—Wood Shovel & Tool Co., The, Piqua, O.
PIRSCH fire hose shut off—Peter Pirsch & Co., Kenosha, Wis.
PITCHER door hangers—National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.
PITCO tire air pumps—Sunderland Mfg. Co., 600 W 22nd, Chicago, Ill.
PITMAN lever shears—Youngstown Foundry & Machine Co., Youngstown, Ohio
PITMAN DRIVE corn & cotton planting drills—J. I. Case Plow Wks., Racine, Wis.
PITNER tire air pumps—Sunderland Mfg. Co., 600 W. 22d, Chicago, Ill.
PITNEY shutter workers—Quincy Foundry & Novelty Co., Quincy, Ill.
PITOT tube water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
PITT car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
PITT folding bridge gates—Wm. R. Pitt Composite Iron Works, 548 W 27th, New York
PITT pneumatic locomotive sanders—Hegeman-Castle Corp., Fisher bldg, Chicago, Ill.
PITT pneumatic locomotive sanders—Holden & White, 343 S Dearborn, Chicago, Ill.
PITT unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
PITT-BOSTWICK folding gates—Wm. R. Pitt Composite Iron Works, 548 W 27th, New York
PITTCOAL steam heaters—Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
PITTS sweep horse powers—Cehl Bros. Mfg. Co., West Bend, Wis.
PITTSBURG feed water heaters—Elliot Co., Frick bldg, Pittsburgh, Pa.
PITTSBURGH anti-freezing water closets—Pittsburgh Brass Mfg. Co., Penn & 32nd, Pittsburgh, Pa.
PITTSBURGH blow-off valves, gauge cocks, gauges, exhaust heads, steam separators, gas valves, coke scraper heads, safety water columns & alarms—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
PITTSBURGH brake handle—Dayton Mfg. Co., Dayton, Ohio
PITTSBURGH cast iron cleanouts, union elbows, gate valves, steam traps—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.
PITTSBURGH drop hammers—United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburgh, Pa.
PITTSBURGH grate bars—Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
PITTSBURGH incandescent gas burners—Hipwell Mfg. Co., 831 W. North av, Pittsburgh, Pa.
PITTSBURGH insulator pins, trolley street poles—Valley Forging Co., Verona, Pa.
PITTSBURGH lock mortising machines—Pittsburgh Instrument & Machine Co., 236 3rd av, Pittsburgh Pa.
PITTSBURGH pneumatic tool lubricators—A. M. Carrom & Co., Pittsburgh, Pa.
PITTSBURGH tube expanders—Ajax Mfg. Co., N. S. Pittsburgh, Pa.

PITTSBURGH wall ties—McDowell Mfg. Co., Stanton av, Pittsburgh, Pa.
PITTSBURGH water heaters—Pittsburgh Water Heater Co., Jenkins bldg, Pittsburgh, Pa.
PITTSBURGH PERFECT nails & wire products—Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
PITTSTON stoves—Pittston Stove Co., Pittston, Pa.
PLANERS OF WOODS, cutter heads, grinders, planing, wood working, box making, shipbuilding & sawmill machinery—S. A. Woods' Machine Co., 27 Damrell, Boston, 27, Mass.
PLANET marine gears—Marine Mfg. & Supply Co., 158 South, New York
PLANET oil cups—Wm. Powell Co., Cincinnati, Ohio
PLANET safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
PLANET, Jr., cultivators, cultivator shovels, cultivator teeth, fertilizer drills, harrows & pulverizers, garden seeders, sowers & weeders, planters, potato diggers—S. L. Allen & Co., 5th & Glenwood, Phila., Pa.
PLANSIFTER flour sifters—Barnard & Leas Mfg. Co., Moline, Ill.
PLANTATION feed cutters—Silver Mfg. Co., No. 256, Salem, Ohio
PLANTERS GEM cart sprayer—Deming Co., Salem, Ohio
PLANTERS' TRACTOR cart sprayer—Deming Co., Salem, Ohio
PLASTELINE modeling clays—Stewart & Co., 24 Broadway, New York
PLASTERITE damp course—Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
PLASTIC roofing cements—Republic Paint & Lead Works, 5716 Euclid av, Cleveland, Ohio
PLASTIC TOCKOLITH marine paints—Toch Bros., 320 5th av, New York
PLASTIC waterproofing materials—Flintkote Co., 88 Pearl, Boston, Mass.
PLASTOMETER rubber testing machines—Pusey & Jones Co., ft. Poplar, Wilmington, Del.
PLASTONE sanitary flooring & drainboards—Plastone Co., Los Angeles, Cal.
PLATA babbitt metal, journal bearings—Atkinson Co., Rochester, N. Y.
PLATINOID imitation platinum—Manhattan Dental Co., Times bldg, New York
PLATT cotton openers, wool finishing machines—Leigh & Butler, 232 Summer, Boston, Mass.
PLATTNER mowers, hand carts—Plattner Yale Mfg. Co., Lincoln, Nebr.
PLATT'S carding engines, cotton combs, mules—Lehigh & Butler, 232 Summer, Boston, Mass.
PLAYFORD mechanical stokers—Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
PLAY-O-LITE piano lamps—Play-O-Lite Co., 215 Front, Worcester, Mass.
PLIMPTON trucks—Plimpton Truck Co., Stamford, Conn.
PLOMO belt dressing—Plomo Specialty Mfg. Co., Belmont bldg, Cleveland, Ohio
PLOVER duck decoys—William Read & Sons, 364 Washington, Boston, Mass.
PLOVER rubber hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
PLOW BOY back hand buckles—Stanley Works, New Britain, Conn.
PLUMBERS' FRIEND pumps—Wolverine Brass Works, Grand Rapids, Mich.
PLOW MAN gasoline tractors—Interstate Tractor Co., Waterloo, Ia.
PLUMMER steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.
PLUMWOOD metallic shades—Plume & Atwood Mfg. Co., Waterbury, Conn.
PLUNKET drilling & milling machine vises—James B. Plunket, 1345 W. Lake, Chicago, Ill.
PLURALITY bolt cutting machines—Mummert, Dixon Co., Hanover, Pa.
PLUTO oil cups—Wm. Powell Co., Cincinnati, Ohio
PLUVIOL carriage top dressing—Viscol Co., Cambridge, Mass.
PLUVIUS lawn sprinkler—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
PLYMOUTH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PLYMOUTH gasoline locomotives—Fate-Root-Heath Co., Plymouth, Ohio
PLYMOUTH shoe lasts & stands—Fate-Root-Heath Co., Plymouth, Ohio
PLYMOUTH grain drills, rice planting drills—Wm. Fetzer Co., Springfield, Ill.
PLYMOUTH wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
PLYMOUTH ROCK cobblers' outfits & hand riveting machines—Fate-Root-Heath Co., Plymouth, Ohio
PNEU-vent air valves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
PNEUMATIC recording pyrometers—Uehling Inst. Co., 71 B'way, New York
PNEUMATIC revolution counters—McNab Co., Bridgeport, Conn.
PNEUMELECTRIC coal punchers—Pneumelectric Machine Co., Syracuse, N. Y.
PNEUOXYUM pneumatic tool lubricants—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
POAGE'S railroad water columns & cranes—American Valve & Meter Co., Cincinnati, Ohio
POCAHONTAS coke—Flat-top Fuel Co., Bluefield, W. Va.
POCAHONTAS steam hose & sheet packing—O. C. Keckley Co., 318 Washington av, Chicago, Ill.
POCO printers' proof presses—Premier & Potter Printing Press Mfg. Co., Shelton, Conn.
POCOMOKE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
POCONO stoves—Pittston Stove Co., Pittston, Pa.
PODEROSO sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
POHLE pneumatic lifts, return air pumps—Ingersoll-Rand Co., 11 Broadway, New York
POIDOMETER automatic weighing machines—Schaffer Engng. & Equipt. Co., 2828 Smallman, Pittsburgh, Pa.
POINTER oil cups—Wm. Powell Co., Cincinnati, Ohio
POINTER RANGE boilers—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
POKE porcelain insulators—Colonial Sign & Insulator Co., Akron, Ohio
POKE BONNET window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
POLACK rubber tires—Polack Tyre & Rubber Co., 1876 Broadway, New York
POLAR belt dressing—Geo. W. Southwick Co., Stamford, Conn.
POLAR refrigerators—Heinz & Munschauer, Buffalo, N. Y.
POLARALITE electric signs—I. P. Frink, Inc., 24th & 10th av, New York
POLAR BRAND cuspidors, fry pans & kitchen enameled ware—Porcelain Enameling Assn. of America, Sheboygan, Wis.
POLAR CUB electric portable fans—A. C. Gilbert Co., New Haven, Conn.
POLARINE lubricating oils & greases—Standard oil Co. of N. J., 26 Broadway, New York
POLARIS oil cups—Wm. Powell Co., Cincinnati, Ohio
POLISHINE metal polish—Cleaner Mfg. Co., 2842 Olive, St. Louis, Mo.
POLLYWOG scrubbing brushes—Standard brush Co., New Hartford, Conn.
POLLY PRIM mops—H. G. Saal Co., 1800 Montrose, Chicago, Ill.
POLO harness snaps—Covert Mfg. Co., Troy, N. Y.
POLSON auxiliary automobile seats—Polson Mfg. Co., Buffalo, N. Y.
POLYGON concrete mixers, gasoline hoists—Waterloo Cement Machinery Corp., Waterloo, Ia.
POLYSCOPE moving picture machines—Selig Polyscope Co., 3901 N. Western av, Chicago, Ill.
POMEROY fire-proof window—S. H. Pomeroy Co., 282 E. 134th, New York
POMONA barrel spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
POMPEIIAN bronzed wire cloth—Wickwire Spencer Steel Corp., Worcester, Mass.
POMPTON high carbon steel—Ludlum Steel Co., Watervliet, N. Y.
POND continuous steel sash—David Lupton's Sons Co., Allegheny ave & Tulip, Phila., Pa.
PONDALLOY engine pistons—Pondelick Bros., Chicago, Ill.
PONOLITH—the highest grade lithophone—The Krebs Pigment & Chemical Co., Newport, Del.
PONOLITH lithopone—Heller & Merz Co., 503 Hudson, New York
PONTAP rubber covered cloth—du Pont E. I., de Nemours & Co., Inc., Fabrikoid Div., Wilmington, Del.
PONTAR road, refined & dehydrated tar—Du Pont Chemical Works, Wilmington, Del.
PONTIAC rubber hose—National India Rubber Co., Bristol, R. I.
PONTIUS PURE sealing wax—Dicks-Pontius Co., Dayton, Ohio
PONY clamp screws & cabinet clamps—Adjustable Clamp Co., 216H N Jefferson, Chicago, Ill.
PONY feed cutters—Silver Mfg. Co., No. 256, Salem, Ohio
PONY hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll ave, Chicago, Ill.
PONY horse lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
POOR MAN'S FRIEND incubators & brooders—Geo. Ertel Co., Quincy, Ill.
POPE motor cycles—Pope Mfg. Co., Hartford, Conn.
POPE-HARTFORD motor fire engines—Pope Mfg. Co., Hartford, Conn.
POPE'S farriers' knives—T. J. Pope Saugoit, N. Y.
POPPY rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
POPULAR cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
POPULAR oil & grease cups—Wm. Powell Co., Cincinnati, Ohio
POPULAR porch columns—Cleveland Column Co., 1826 Columbus rd, Cleveland, Ohio
POPULAR snow shovels—B. W. Aldrich & Co. Wallingford, Vt.
POPULAR twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York
PORCELAIN enamels—Rinald Bros. Paint Wks., Inc., Gray's Ferry Road & Grove, Phila., Pa.
PORCELAIN enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
PORCELAVA insulating material—Burgess & Co., East Liverpool, Ohio
PORCELIRON table tops, refrigerator lining & parts for ranges—Ingram-Richardson Mfg. Co., Beaver Falls, Pa.
PORCELITE enamel paints—Thomson Wood Finishing Co., 329 N. 3rd, Phila., Pa.
PORCELOID closet seats—Sanitary Specialty Co., 1836 E. Clearfield, Phila., Pa.
PORCELOID white closet seats—Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
PORCUPINE road scarifiers—Universal Road Machinery Co., Kingston, N. Y.
PORSLYN brushes—Alpha brush Co., Troy, N. Y.
PORTABLE electric & hand power die sinkers outfits—Coates Clipper Mfg. Co., Worcester, Mass.
PORTABELT portable belt conveyor—Brown Portable Conveying Machy. Co., Dept. H, 10 S La Salle, Chicago, Ill.

PORTAGE rubber tires—Portage Tire & Rubber Co., Akron, Ohio
PORTEOUS babbitt metal, journal bearings—Edna Brass Mfg. Co., Cincinnati, Ohio
PORTER barn door hangers, hay carriers, hay fork pulleys, never-slip wagon jacks—J. E. Porter Co., Ottawa, Ill.
PORTER battery motors—Davis Kendrick Co., Lebanon, N. H.
PORTER belt clamps—Hoggson & Pettis Mfg. Co., New Haven, Conn.
PORTER car derailers—Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, Ohio
PORTER—carriage axles—Lee & Porter Buchanan, Mich.
PORTER cutter heads, pattern maker's lathes & buzz planing machines—C. O. Porter Machinery Co., Grand Rapids, Mich.
PORTER metal frame window screens—Continental Co., Book bldg, Detroit, Mich.
PORTER safety seals—Porter Safety Seal Co., 163 W. Harrison, Chicago, Ill.
PORTERDALE SUPERIOR cordage & Twines—Bibb Mfg. Co., Macon, Ga.
PORTER'S shoe rest—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
PORT HURON road scarifiers, traction engines—Port Huron Engine & Thresher Co., Port Huron, Mich.
PORTLAND automobile turntables—Portland Garage Co., Portland, Me.
PORTLAND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.
PORTLAND drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
PORTLAND paper punching machinery—Southworth Machine Co., Portland, Me.
PORTLAND safety cargo hooks—Thos. Laughlin Co., Portland, Ore.
PORTLAND slime filters & filter presses—Colorado Iron Works Co., Denver, Colo.
PORTO metal garage—Milwaukee Corrugating Co., Milwaukee, Wis.
PORTSMOUTH IRON roll tin valves & steel ingots—Whitaker, Glessner Co., Wheeling, W. Va.
POSITIVE barn door latches—Frantz Mfg. Co., Sterling, Ill.
POSITIVE candle lubricators—Wm. J. Faul Co., 137 Front, New York
POSITIVE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
POSITIVE hot water heaters—Monitor Steam Generator Co., 152 N. 6th, Phila., Pa.
POSITIVE lock washers—Riverside Steel Spring Co., Riverside, N. J.
POSITIVE tire vulcanizers—Midland Supply Co., Davenport, Ia.
POSITIVE AUTOMATIC ventilators—J. D. Gerken Co., Toledo, Ohio
POSITIVE SEAL waterproofing materials—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
POST'S blue print paper & drawing materials—Frederick Post Co., 319 S Wabash av, Chicago, Ill.
POST'S valve discs—E. L. Post & Co., 50 Cliff, New York
POST'S ZERO babbitt metal—E. L. Post & Co., 50 Cliff, New York
POTENTIAL transformers—Western Electric Co., 463 West, New York
POTENTIOSTAT transformers—U. S. E. M. Co., 505 W. 42d, New York
POTOMAC cover paper—District of Columbia Paper Mfg. Co., 3255 K N W., Washington, D. C.
POTOMAC reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
POTOMAC A. reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
POTTER basting spoons, cake turners, mincing knives—Potter Mfg. Co., Geneva, Ohio
POTTER belt fasteners—Jewell Belting Co., Hartford, Conn.
POTTER printers' proof presses—Premier & Potter Printing Press Mfg. Co., Shelton, Conn.
POTTER proof press—Hacker Mfg. Co., 312 N. May, Chicago, Ill.
POTTS cellar doors—Potts Mfg. Co., Mechanicsburg, Pa.
POTTS sad irons—Am Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
POTTSTOWN corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.
POUCH cigarette packing machines—American Machine & Foundry Co., 5520 2d av, Brooklyn, N. Y.
POWELL blow-off, butterfly & hydraulic valves, blowguns, brass oil cups, oil gauges, valve reseating tools, wrenches—Wm. Powell Co., Cincinnati, Ohio
POWELL miners squibs—John R. Powell, Plymouth, Pa.
POWELL PATENT GUARD steam cocks—Wm. Powell Co., Cincinnati, Ohio
POWELL WHITE STAR valves—Wm. Powell Co., Cincinnati, Ohio
POWER belting, packing—Voorhees Rubber Mfg. Co., 18 Bostwick av., Jersey City, N. J.
POWER dry batteries—Union Battery Co., Belleville, N. J.
POWER feed mills—C. S. Bell, Hillsboro, Ohio
POWER fruit & vegetable parers—Goodell Co., Antrim, N. H.
POWERLETE conduit fittings—Multi Electrical Mfg. Co., 703 Fulton, Chicago, Ill.
POWERFUL oil well belting—Republic Rubber Co., Youngstown, Ohio
POWER KING piston rings—Automotive Piston Ring Co., 4510H Manchester av, St. Louis, Mo.
POWER SAVER pulley covering—Kinkead Mfg. Co., 45 High, Boston, Mass.
POWERS arc light cut-outs—Troy Electrical Co., Troy, N. Y.
POWERS mitering & cutting machines for painters—Triumph Mfg. Co., 500 Delaware, Kansas City, Mo.
POWERS revolving chimney tops—Williams Hardware Co., Streator, Ill.
POWERS rubber horse shoes—Powers Rubber Horseshoe Co., 224 W. Huron, Chicago, Ill.
POWERS wagon jacks—Millers Falls Co., 28 Warren, New York
POWHATTAN belt dressing—Smith-Courtney Co., Richmond, Va.
PRACTICAL cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
PRACTICAL fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.
PRACTICAL kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
PRAHM railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
PRAIRIE clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
PRAIRIE QUEEN hay carriers—J. E. Porter Co., Ottawa, Ill.
PRAIRY suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
PRANG paints, water color, toy & school—American Crayon Co., 1300 Hayes av, Sandusky, Ohio, & Waltham, Mass.
PRATICOOL drinking fountains—Glauber Brass Mfg. Mfg. Co., 49th & Superior, Cleveland, Ohio
PRATT box car loader & railway ballast cleaner—Link-Belt Company, 300 W 39th, Chicago, Ill.
PRATT cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
PRATT plow clevises & husking pins—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PRATT steam traps—Pratt & Cady Co., Hartford, Conn.
PRATT vacuum pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.
PRATT-DUMAS filter paper—E. Fougera & Co., 90 Beekman, New York
PRATT'S HANDY harness hooks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PRECIOUS pen & pencil clips—L. D. Van Valkenburg Co., Holyoke, Mass.
PRECISE graduating valves—Haynes-Thompson Co., 2107 Vine, Phila., Pa.
PRECISE levels—Bausch & Lomb Optical Co., Rochester, N. Y.
PRECISION CAST die castings—Precision Casting Co., Inc., Syracuse, N. Y.
PRECISION coil presses, armature & field coil winding machines—Oliver Electric & Mfg. Co., 4221 Forest pk, St. Louis, Mo.
PRECISION gas recording calorimeters & combustion recorders—Precision Instrument Co., 21 Halsey, Newark, N. J.
PREMAX hame chains, key chains & other chains, special dog couplers—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
PREMIER annunciators—Stanley & Patterson, 23 Murray, New York
PREMIER car seals—Dickey Mfg. Co., Indiana Harbor, Ind.
PREMIER curtain fasteners—Crandal, Stone Division, The Brewer-Titchener Corp., Binghamton, N. Y.
PREMIER cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
PREMIER coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
PREMIER convertible folding invalid & reclining chairs—Premier Chair Corp., 36 Bromfield, Boston, Mass.
PREMIER electric bells—Manhattan Electrical Supply Co., 17 Park pl., New York
PREMIER garden hose—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
PREMIER inserted tooth saws—Henry Disston & Sons, Tacony, Phila., Pa.
PREMIER kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
PREMIER lawn mowers—American Lawn Mower Co., Muncie, Ind.
PREMIER lawn mowers—S. P. Townsend & Co., Orange, N. J.
PREMIER lawn swings—Western Paper & Mfg. Co., Dayton, Ohio
PREMIER lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
PREMIER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PREMIER numbering machines—R. A. Stewart & Co., 201 Broadway, New York
PREMIER screw drivers—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
PREMIER screw pitch gauges, spring calipers & dividers—Athol Mach. & Foundry Co., Athol, Mass.
PREMIER self-locking car seals—Dickey Mfg. Co., Indiana Harbor, Ind.
PREMIER sleeve wire connectors—Bryant Zinc Co., 600 Orleans, Chicago, Ill.
PREMIER spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
PREMIER spring hinges—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
PREMIER trolley wire clamps—Ohio Brass Co., The, Mansfield, Ohio
PREMIER walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PREMIER water meters—National Meter Co., 299 Broadway, New York
PREMIUM card & paper cutters—American Specialty Co., Bridgeport, Conn.

PREMIUM lead pencils—American Lead Pencil Co., 220 5th av, New York
PREMIUM oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
PREMIUM road machines & graders—Galion Iron Works & Mfg. Co., Galion, Ohio
PREMIUM whiffletree hooks—Giblin & Co., Utica, N. Y.
PREMO cameras—Eastman Kodak Co., Rochester, N. Y.
PREMO hot water & steam radiators—National Radiator Co., Johnstown, Pa.
PREMO gas stoves—Eclipse Stove Co., Mansfield, Ohio
PREMO lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
PREMOCAR automobiles—Preston Motors Co., Birmingham, Ala.
PREMO LINK chains—Oneida Chain Co., Oneida, N. Y.
PRENTICE anti-rail creepers—Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, Ohio
PRENTICE wood bits—Union Twist Drill Co., Athol, Mass.
PRENTISS pipe & bench vises—Prentiss Vise Co., 110 Lafayette, New York
PRESCOTT plasters' steel corner beads—J. B. Prescott & Son, Webster, Mass.
PRESERVO waterproofing materials—Robeson Preservo Products Co., Port Huron, Mich.
PRESIDENT carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.
PRESSURE proof packing—A. W. Chesterton Co., 64 India, Boston, Mass.
PRESSURITE automobile gauges—Improved Gauge Mfg. Co., 105 Canal, Syracuse, N. Y.
PRESTEEL automobile frames—Detroit Pressed Steel Co., 1800 Mt. Elliott av, Detroit, Mich.
PRESTEEL brake drums—Worcester Pressed Steel Co., Worcester, Mass.
PRESTEL waste paper baling presses—Midland Supply Co., Davenport, Iowa
PRESTO automobile engine starters—W. Roberson Machine & Foundry Co., 56 Rano, Buffalo, N. Y.
PREST-O carbon removers—Prest-o-Lite Co., Indianapolis, Ind.
PRESTO carriage top dressing—Fiebling Chemical Co., 240 Reed, Milwaukee, Wis.
PRESTO cigar lighters, electric battery hand lamps—Metal Specialties Mfg. Co., 338 N. Kedzie av, Chicago, Ill.
PRESTO coasting sleds—Kalamazoo Sled Co., Kalamazoo, Mich.
PREST-O cutlery polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
PRESTO dash lamps, electric connectors, sockets, plugs, switches, cigar lighters, inspection lamps, body braces, electric heaters for autos, also bicycle lamps, electric hand lamps, alweather protector stop signals & storm & glare visors for autos—Metal Spec. & Mfg. Co., 338 Kedzie av, Chicago, Ill.
PRESTO drill & tapping chucks—Whitney Mfg. Co., Hartford, Conn.
PRESTO paper clips—Anthony Eisler & Co., 227 Canal, New York
PRESTO razor strop hooks—C. A. Peck H'dwe Co., Berlin, Wis.
PRESTO sheepskin wheels—Yorkville Mfg. Co., Inc., 31-33-35H Broadway, Brooklyn, N. Y.
PRESTO transformer covering radiators—Pressed Metal Radiator Co., Oliver bldg, Pittsburgh, Pa.
PRESTO twist drill collets—Whitney Mfg. Co., Hartford, Conn.
PREST-O-GRIP tractors chains—Rowe Calk & Chain Co., Plantsville, Conn.
PREST-O-LITE automobile headlights, oxy-acetylene welding outfits—Prest-O Lite Co., Speedway, Indianapolis, Ind.
PRESTOMETER a liquid gauge—Coats Mach. Tool Co., 110 W. 40th, New York
PRESTON automobiles—Preston Motors Corp., 24th & 7th av, N., Birmingham, Ala.
PRESTON lawn sprinklers, W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
PRESTON'S carpet beaters—Hollow Cable Mfg. Co., Hornell, N. Y.
PRESTOSHINE metal polish—W. S. Sheppard, 21 Lawrence, Newark, N. J.
PRESTO-SOLDER soldering flux—L. B. Allen Co., Inc., 4519 N. Lincoln, Chicago, Ill.
PRESTWICH fluid thickness gauge—Coats Machine Tool Co., 110 W. 40th, New York
PRIBNOW saw swages—Pribnow Swage & Tool Works, Mellen, Wis.
PRICE current meters—W. & L. E. Gurley, Troy, N. Y.
PRICE fireproofing compounds, waterproofing materials—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
PRICE-RATHBUN stationary marine oil engines—Rathburn-Jones Engineering Co., 841 Spencer, Toledo, Ohio
PRIDE OF ST. LOUIS farm wagons—Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
PRIDE OF THE BAR metal polish—J. C. Paul & Co., 930 Roscoe, Chicago, Ill.
PRIDE STANDARD nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
PRIER basin cocks, roof flashings—Prier Brass Mfg. Co., Kansas City, Mo.
PRIESTMAN pneumatic electric sewage ejectors, bilge pumps, stationary screens—Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
PRIESTMAN sewage ejectors—Albert Priestman, 328 Chestnut, Philadelphia, Pa.
PRIEST'S horse clippers, sheep shearing machines—American Shearer Mfg. Co., Nashua, N. H.
PRIMA electric clothes washing machines—Buckeye Churn Co., Sidney, Ohio
PRIME natural color waste—Estes Mills, Fall River, Mass.
PRIME WESTERN spelter—New Jersey Zinc Co., 160 Front, New York
PRIMM crude oil engines—Power Mfg. Co., Marion, Ohio
PRIMO belt dressing & belt cements—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
PRIMO blue print paper—Frederick Post Co., 319 S Wabash av, Chicago, Ill.
PRIMO gasoline lighting systems—Primo Light & Mfg. Co., 3849 Olive
PRIMO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PRIMO-SEPIA-SOLAR blue print paper—Frederick Post Co., 319 S. Babash av, Chicago, Ill.
PRIMROSE closet seats—Wm. S. Emery, 118 E. 28th, New York
PRIMROSE garden trowels—N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
PRIMROSE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
PRIMUS card tables—E. T. Burrowes Co., Portland, Me.
PRIMUS lubricating oils & greases—Penn. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
PRINCE clothes washing machines—Reading Wood Pulley Co., Reading, Pa.
PRINCE fly swatters—U. S. Wire Mat Co., Decatur, Ill.
PRINCELY water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
PRINCESS artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
PRINCESS cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
PRINCESS electric irons—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
PRINCESS electric sad irons—Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
PRINCESS fly swatters—U. S. Wire Mat Co., Decatur, Ill.
PRINCESS gasoline lighting systems—Allen-Sparkes Gas Light Co., Lansing, Mich.
PRINCESS hand vacuum cleaners—Suction System Cleaning Co., Sidney, Ohio
PRINCESS radiators—H. B. Smith Co., Westfield, Mass.
PRINCESS pig iron—Princess Iron Corp., Glen Wilton, Va.
PRINCESS scythe snaths—Seymour Mfg. Co., Seymour, Ind.
PRINCESS steel ranges—Allen Mfg. Co., Nashville, Tenn.
PRINCESS stoves—Fox Furnace Co., Elyria, Ohio
PRINCESS vacuum cleaners—Chas. W. Emery & Sons, 1304 Diamond, Phila., Pa.
PRINCESS washing machines—Princess Wash Mach. Mfg. Co., 433 E. Pearl, Cincinnati, Ohio
PRINCESS WALL hot water radiators—H. B. Smith Co., Westfield, Mass.
PRINCETON fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PRINCO sphygmomanometer—Precision Thermometer & Instrument Co., 1434 Brandywine, Phila, Pa.
PRINCO surgical instruments—Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
PRINZ grain separators—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.
PRISCILLA aluminum hollow ware—New England Enameling Co. Middletown, Conn.
PRISCO lanterns, wash boilers—Pritchard Stamping Co., Rochester, N. Y.
PRISMATIC embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
PRISMATIC gauge glasses—H. A. Rogers Co., 87 Walker, New York
PRISON lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
PRIZE bucket spray pumps—Deming Co., Salem, Ohio
PRIZE fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
PRIZE hair pickers—Geo. Willcomb Co., 60 Chardon, Boston, Mass.
PRIZE walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PRIZE PLYMOUTH stoves—Grinberg Bros., 154 South, New York
PRIZER stoves, ranges & furnaces—Prizer-Painter Stove Co., Reading, Pa.
PRIZE RIBBON babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
PROCTOR burring machines, garnett machines, rag pickers—Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
PROCTOR china & clay dryers—Ceramic Equipment Co., Trenton, N. J.
PROCTOR dryers for asbestos binder and leather board, asbestos pipe covering, barrel staves, brocks, carpet, cartridges, chemicals, clay products, cocoanut, copra, fruits, glue, hair, hair rope, labels on cans, leather, lithopone latch sticks, paint pigments, paper, potato pulp, shoe shanks, soap, straw braid, straw hats, tobacco, thin lumber, tooth picks, veneers, welsbach mantels, white lead, cotton bleached or dyed, cotton linters, fur, hair wool rag, silk waste, pulled wool, waterproof canvas, shrinking and wool cloth, knitted fabrics, silk, toweling, woolen tubular goods, underwear, stockings, half hose, woolen hats and socks, cotton mercerized, silk, wool and worsted yarns—Proctor & Schwartz Inc., 7th & Tabor rd, Phila., Pa.

PRODUCTION grinding & polishing machines—Production Mach. Co., Greenfield, Mass.
PRODUCTIMETER counting machines—Durant Mfg. Co., Milwaukee, Wis.
PROGRESS grease cups—Wm. Powell Co., Cincinnati, Ohio
PROGRESS ice cream freezers—Dairy Machinery & Construction Co., Derby, Conn.
PROGRESS steam heaters—Thatcher Furnace Co., 135 W. 35th, New York
PROGRESS sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
PROGRESS wire stitching machinery—F. P. Rosback Co., Benton Harbor, Mich.
PROJECTOR desk telephone brackets—K. & B. Co., 497 N. 3rd, Phila., Pa.
PROMENADE floor tile—Martin Yingling Brick Co., Pittsburgh, Pa.
PROMET babbitt metal—American Crucible Furnace Co., Elyria, Ohio
PRONG LOCK metal studs & iron furring—Berger Mfg. Co., Canton, Ohio
PROOF coil chains—United States Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
PROSPECT hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PROSPERITY collar moulding machines—National Chemical Co., Syracuse, N. Y.
PROSSER tube expanders—Thos. Prosser & Son, 15 Gold, New York
PROTAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
PROTECTED rail bonds—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
PROTECT-A-LITE gas globes — Safety Wire Gas Globes Co., Columbus, Ohio
PROTECTION oil cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PROTECTION ready roofing—Asphalt Roof Coating Co. Ltd., 10 E. 43rd, New York
PROTECTO boiler preservative—Standard Chemical Corp., Kalamazoo, Mich.
PROTECTOGRAPH check writing machines & protectors—Todd Protectograph Co., 1050 University, av, Rochester, N. Y.
PROTECTOR chemical fire engines—Knight & Thomas, 212 Summer, Boston, Mass.
PROTECTOR "O," "H" & "A" lamp guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
PROTECTOR non-syphoning traps—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
PROTECTOR revolvers—Ames Sword Co., Chicopee, Mass.
PROTEX burlap — Cleveland-Akron Bag Co., Cleveland, Ohio
PROTEX dripless sink strainers—Republic Metalware Co. (The), Buffalo, N. Y.
PROTEXOL wood preservative & coal tar products—Protexol Corp., 41 Barclay, New York
PROTO mine rescue apparatus—Gorman Siebe Co., Ltd., Monadnock bldg, Chicago, Ill.
PROTOD forgery-proof checks—Todd Protectograph Co., 1050 University av, Rochester, N. Y.
PROTOPLAST bronze powders & bronzing liquid—U. S. Bronze Powder Wks., Inc., 220 W 42nd, New York
PROUDFIT loose leaf devices & paper punches—Proudfit Loose Leaf Co., Grand Rapids, Mich.
PROUTY barn door latches, fire door fittings, cupboard catches, floor hinges, sash locks, parlor door hangers, pulls, etc—Allith-Prouty Co., Danville, Ill.
PROUTY box board printing machines—Boston Printing Press & Machinery Co., East Bridgewater, Mass.
PROUTY valve wheels—Sawyer Tool Mfg. Co., Ashburnham, Mass.
PROVER fruit & vegetable evaporators—Deshler Mail Box Co., Deshler, Ohio
PROVE TYPE glass insulators—Hemingray Glass Co., Covington, Ky.
PROVIDENCE adding machines—Hainer Bookkeeping Machine Co., 45 Williard av, Providence, R. I.
PROVIDENCE car fenders & wheel guards—Consolidated Car Fender Co., Yale, Providence, R. I.
PROVIDENCE drinking fountains—J. H. Ashton & Co., 271 Franklin, Providence, R. I.
PROVIDENCE steam traps—General Fire Extinguisher Co., Providence, R. I.
PROVIDENCE winches & windlasses, boat anchors—American Engineering Co., Armingo & Cumberland, Philadelphia, Pa.
PROVO filter press & plate—Provost Engineering Corp., 220 B'way, New York
PROWODNIK solid tires—Columb Tyres Import Co., 1 Madison av, New York
PRUDEN plaster corner beads—St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.
PRUDENTIAL down draft boilers, tank heaters & laundry stoves—Prudential Heater Co., Louisville, Ky.
PRUDENTIAL portable houses — C. D. Pruden Co., Dock & Warner, Baltimore, Md.
PRUDENTIAL steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
PRYZOAK belting—Graton & Knight Mfg. Co., Worcester, Mass.
PUBLIC SERVICE bond paper — Taylor-Logan Co., Holyoke, Mass.
PUCK heating stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
PUERINE tanners' bate—Martin-Dennis Co., 859 Summer, Newark, N. J.
PULASKI pig iron—Pulaski Iron Co., H, Real Estate Trust bldg, Phila., Pa.
PULL-EASY garden cultivators—Pull-Easy Mfg. Co., Waukesha, Wis.
PULLMAN door checks, razor stroppers & unit sash balances—Pullman Mfg. Co., Rochester, N. Y.
PULLMAN furniture polish—Samoline Corp. Inc., 134 N. Clark, Chicago, Ill.
PULLMAN journal bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
PULLMAN ventilators, ventilating cowls, drill press & grinding machines—Pullman Ventilating & Mfg. Co., York, Pa.
PULL-ME-OUT truck pullers—Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
PULLRITE automobile lighting battery, pull & push switches—Frank W. Morse, 289 Congress, Boston, Mass.
PULMOSAN sand blasting helmets & respirators—Multi-Metal Separating Screen Co., 251 W. 19th, New York
PULSOMETER steam pumps—Erwin & Co., 3736H Cottage Grove av, Chicago, Ill.
PULVA ALBA cement concrete block facing—Ohio Marble Co., Piqua, Ohio
PULVEROID celluloid signs—Bastian Bros. Co., Rochester, N. Y.
PUNCH tire upsetters—Munnsville Plow Co., Munnsville, N. Y.
PUNKTAL lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
PUP padlocks—E. F. Fraim Lock Co., Lancaster, Pa.
PUR-A-TIS faucet filters—Union Filter & Novelty Co., 73 Franklin, New York
PURE WHITE toilet paper—A. P. W. Paper Co., Dept. H, Albany, N. Y.
PURITA drinking fountains—J. L. Mott Iron Works, Trenton, N. J.
PURITAN aluminum hollow ware—Sturges & Burn Mfg. Co., 838 W Congress, Chicago, Ill.
PURITAN dress shields—J. J. Beyerle Mfg. Co., 340 Berry, Brooklyn, N. Y.
PURITAN drinking fountains—Halsey W. Taylor Co., Warren, Ohio
PURITAN faucet cans—Sexton Can Co., 123 Broad, Boston, Mass.
PURITAN insulating cloth, insulating paper—American Mica Co., Newton Lower Falls, Mass.
PURITAN lever switches—Frank W. Morse, 289 Congress, Boston, Mass.
PURITAN liquid soap, soap powders, furniture polish Puritan Soap Co., 496 Exchange, Rochester, N. Y.
PURITAN lubricating oils & greases—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
PURITAN marine steering wheels—Thos. Laughlin Co., Portland, Me.
PURITAN metal polish & lubricating oils—Pure Oil Co., Minneapolis, Minn.
PURITAN oil cups—Wm. Powell Co., Cincinnati, Ohio
PURITAN oilers—Noera Mfg. Co., Waterbury, Conn.
PURITAN printed & plain waxed paper & vegetable parchment—West Carrollton Parchment Co., West Carrollton, Ohio
PURITAN sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
PURITAN stoves—Grinberg Bros., 154 South, New York
PURITAN tinware, ash & garbage cans, oil cans, bread pans, broilers, chafing dishes, pails, water coolers—Central Stamping Co., 172 Fulton, New York
PURITAN walking drills & listers—Moline Plow Co., Moline, Ill.
PURITAN water filters—Everson Filter Co., 70 W Lake, Chicago, Ill.
PURITAN wood fillers—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
PURITY drinking fountains—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
PURITY surgical gauze—American Gauze & Cotton Co., Inc., 407 N 8th, St. Louis, Mo.
PURITY water filters, pipe strainers—Progressive Iron Foundry & Machine Co., Haydenville, Mass.
PURIWACHOS fire resisting cements—W. A. Ross & Bro., 11 S. William, New York
PURO faucets—Puro Sanitary Drinking Co., Haydenville, Mass.
PURO oils—Pure Oil Co., Lafayette bldg., Philadelphia, Pa.
PUROLINE disinfectants—Continental Mfg. Co., Indianapolis, Ind.
PUROX welding & cutting apparatus & hydrogen & oxygen gas—California Burdett Oxygen Co., 52d & Santa Fe, Los Angeles, Cal.
PURPLE LABEL piano wire—Webb Wire Works, New Brunswick, N. J.
PURUS closets—Crane Co., 836 S Michigan av, Chicago, Ill.
PURUS, JR., closets—Crane Co., 836 S. Michigan av, Chicago, Ill.
PUSEY voltage regulators—Keystone Electric Co., 135 S. 10th, Phila., Pa.
PUSH BARS garden cultivators—Empire Plow Co., 3140 E. 65th, Cleveland, Ohio
PUSH-DOWN blast batteries — Star Electric Fuse Works, Wilkes-Barre, Pa.
PUSH & TURN steam couplers—C. A. Shaflin Co., 60 Pearl, Boston, Mass.
PUSHIN ordinary attachment plugs—H. T. Paiste Co., 3201 Arch, Phila., Pa.
PUSHRITE push buttons—S. H. Couch Co., Quincy, Mass.
PUTNAM rolling ladders—Putnam & Co., 32 Howard, New York
PUTNAM spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.
PUTNAM steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.
PUTZ metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
PUTZ metal polish—J. C. Paul & Co., 930 Roscoe av, Chicago, Ill.

PYCNOLUM belt dressing—A. G. Beldon & Co., 29 Burling Slip, New York
PYGMY metal shears—Buffalo Forge Co., 490 Broadway, Buffalo, N. Y.
PYKE'S lawn mower sharpeners—Pike Mfg. Co., Pike, N. H.
PYOD pyrometers—Wilson-Maeulen Co., 383 Concord av, New York
PYOTT-MILLER friction clutches—Pyott Co., 1401 W. North av, Chicago, Ill.
PYRALIN bath room fixtures & furnishings—C. F. Church Mfg. Co., Holyoke, Mass.
PY-RA-LIN cleanable collars & cuffs, beading, flexible sheeting, transparent sheeting, rods, toilet articles, tubes—du Pont, E. I., de Nemours & Co., Inc., Pyralin Div., Wilmington, Del.
PYRALIN closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
PYRALIN enamels & lacquers—Du Pont Chemical Works, Wilmington, Del.
PYRAMID belting—Laurence Belting Co., 111 Chambers, New York
PYRAMID blue plaster boards, roofing felts—Ford Roofing Products Co., 2339 La Salle, Chicago, Ill.
PYRAMID boiler compounds—Binghamton Boiler Compound Co., Binghamton, N. Y.
PYRAMID brand carbon brushes—National Carbon Co., Madison av., N. W., & W. 117th, Cleveland, Ohio
PYRAMID canvas stitched belting—National Belting Co., Elyria, Ohio
PYRAMID cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
PYRAMID floor finish—O'Brien Varnish Co., South Bend, Ind.
PYRAMID fly catchers—Louis Dejonge & Co., 71 Duane, New York
PYRAMID hose & gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PYRAMID hot air furnace—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
PYRAMID lamp black—L. Martin Co., 81 Fulton, New York
PYRAMID packing—Cancos Mfg. Co., Garden & Bridge, Phila., Pa.
PYRAMID rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PYRAMID rubber mats—Essex Rubber Co., Trenton, N. J.
PYRAMID torches, engine & machine oilers—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
PYRAMID water supply pumps—Gould Mfg. Co., 71 W. Falls, Seneca Falls, N. Y.
PYRAMID-BALATA belting — Imperial Belting Co., 400 N. Lincoln Chicago, Ill.
PYRD pyrometers thermocouple—Wilson-Maeulen, 383 Concord av, New York
PYRENE fire extinguishers—Pyrene Mfg. Co., 52 Vanderbilt av, New York
PYREX beakers baking & chemical glassware—Corning Glass Works, Corning, N. Y.
PYRO alcohol lamps, self-heating sad irons & denatured alcohol—Alcohol Utilities Co., 27 William, New York
PYRO denatured alcohol—United States Industrial Alcohol Co., 27 William, New York
PYRO steel castings—Swedish Crucible Steel Co., Butler & Grand Trunk R. R., Detroit, Mich.
PYRO-NON fire proofing paints & liquid—International Fire Proofing Paint Corp., 61 B'way, New York
PYROBAR book, cement roofing & cold storage insulation, fireproof tile, column covering & gypsum tile—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
PYROFUSE garbage disposal plants—J. B. Prescott & Son, Webster, Mass.
PYROID sheet packing—General Asbestos & Rubber Co., Charleston, S. C.
PYROIL oil burners—Pyroil Products Co., 4959 Odell av, St. Louis, Mo.
PYROSCOPE optical pyrometers—Shore Instrument & Mfg. Co., The, Jamaica, N. Y.
PYROTITE electric fuse—Bryant Electric Co., Bridgeport, Conn.
PYROTIP electro lead burner—General Electric Co., Schenectady, N. Y.
PYROXYLIN varnish—Crest Chemical Co., Seattle, Wash.
PYTHON conveyor belting—Manheim Mfg. & Belting Co., Manheim, Pa.
Q. A. insulating paper—Green Insulation Co., Cleveland, Ohio
Q. D. closet seat bumpers—Adam A. Long Mach. Wks., Rochester, N. Y.
Q. M. S. trolleys & pneumatic hoists—Hanna Engng. Wks., 1764 Elston av, Chicago, Ill.
Q. S. F. flush switches—Cutter Electrical & Mfg. Co., 501 N. 19th, Phila., Pa.
Q. & C. lamp adjusters—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.
Q. & C. rail sawing machines, rail benders, guard rail clamps, rail step joints—Q. & C. Co., 90 West, New York
Q. & E. floor finish—Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Q. & T. cattle stanchions—Quick & Thomas, Auburn, N. Y.
QUAD boring tools—Wrightsville Hardware Co., Wrightsville, Pa.
QUAD camp stoves, gas ranges—Quad Stove Mfg. Co., Columbus, Ohio
QUAD receptacles—General Elec. Co., Schenectady, N. Y.
QUADLOCK emergency gasoline cocks—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
QUADRIGA soldering iron heaters, round belt couplings—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
QUADRUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York
QUAIL wood hay tedders—Ohio Rake Co., Dayton, Ohio
QUAKER core oils—J. W. Paxson Co., 1021 N Delaware av, Phila., Pa.
QUAKER cotton & wool waste—National Waste Co., Nixon & Leverington, Phila., Pa.
QUAKER hot air furnaces—Quaker Mfg. Co., 140 N Dearborn, Chicago, Ill.
QUAKER lubricators—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
QUAKER metal polish—Quaker Soap Co., 207 Provost, Jersey City, N. J.
QUAKER rubber tires, belting, packing, fire hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
QUAKER shade rollers—Columbia Mills, Inc., 225 5th av, New York
QUAKER turpentine substitute—C. H. Boley Co., 3722 N. Randolph, Phila., Pa.
QUAKER whiting—R. T. Vanderbilt Co., 50 E. 42nd, New York
QUAKER CITY lawn mowers—Penna Lawn Mower Wks., 1615 N 23d, Phila., Pa.
QUAKER CITY range boilers—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
QUAKER KITCHEN enameled ware—New England Enameling Co., Middletown, Conn.
QUAKER MAID ironing machines—Quaker Mfg. Co., 140 N Dearborn, Chicago, Ill.
QUALITY automobile wind shields—F. W. Anderson & Co., Brown & Uber, Phila., Pa.
QUALITY bale ties—Shelby Wire Co., Dept. H, Shelby, Ohio.
QUALITY clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
QUALITY core compounds—E. J. Woodison Co., 1621 St. Aubin, Detroit, Mich.
QUALITY elec. sad irons—Am. Electrical Heater Co., Burroughs & Woodward, Detroit, Mich.
QUALITY gas ranges & heaters—Roberts & Mander Stove Co., 11th & Washington av, Phila., Pa.
QUALITY hack saw blades & frames—Napier Saw Wks., Inc., Springfield, Mass.
QUALITY orthopedic plaster—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
QUALITY paint—Arlington Mfg. Co., Canton, Ohio.
QUALITY revolving chairs—C. A. Cook Co., Cambridge, Mass.
QUALITY rubber stamps—Consolidated Stamp Mfg. Co., 87 Maiden La, New York
QUALITY self-measuring oil pumps—Milwaukee Tank Works, Fratney & Becker, Milwaukee, Wis.
QUALITY surgical gauze—Am. Gauze & Cotton Co. Inc., 407 N. 8th, St. Louis, Mo.
QUALITY TOW for upholstery—Northern Insulating Co., St. Paul, Minn.
QUALITYWARE clothes baskets, hamper willow furniture, etc.—Wolf Greenspan & Sons, 686 Grand, Brooklyn, N. Y.
QUANCO ball cocks—Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
QUARETTE automobile electrical equipment—Gem Mfg. Co., Goebel nr Fulton N. S., Pittsburgh, Pa.
QUARTZ water filter—Everson Filter Co., 70 W. Lake, Chicago, Ill.
QUATURN faucets—Chicago Faucet Co., 2712 N Crawford av, Chicago, Ill.
QUEEN broom holders—C. E. Erickson & Co., Des Moines, Ia.
QUEEN ceiling hooks—Parker Wire Goods Co., Worcester, Mass.
QUEEN cultivators—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
QUEEN desks—Marysville Cabinet Co., Marysville, Ohio
QUEEN family washing machines—J. H. Knoll, Reading, Pa.
QUEEN fire extinguishers, fire hose reels & racks—Harker Mfg. Co., 121-123 W. 3d, Cincinnati, Ohio
QUEEN fly swatters—U. S. Wire Mat Co., Decatur, Ill.
QUEEN fruit jars—Smalley, Kivlan & Onthank, 21 Blackstone, Boston, Mass.
QUEEN hair drying combs—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
QUEEN harness snaps—Covert Mfg. Co., Troy, N. Y.
QUEEN kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
QUEEN lawn mowers—Dille & McGuire Co., Richmond, Ind.
QUEEN lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
QUEEN soldering flux, incandescent lamp coloring—Brunner Chemical Works, 217 E. 3rd, Cincinnati, Ohio
QUEEN tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
QUEEN water coolers—Everson Filter Co., 70 W. Lake, Chicago, Ill.
QUEEN A hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
QUEEN ANNE kerosene oil lamp burners—Scovill Mfg. Co., Waterbury, Conn.
QUEEN ANNE metal frame window screens—Continental Co., Book bldg, Detroit, Mich.
QUEEN B hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
QUEEN BEE babbitt metal—Thos. F. Lukens Metal Co., 1105 Fairmont av, Phila., Pa.
QUEEN CITY adjustable wrenches—Bergman Tool Mfg. Co., Buffalo, N. Y.
QUEEN CITY coal chutes—Hastings Foundry & Iron Works, Hastings, Nebr.

QUEEN CITY lawn rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
QUEEN CITY shutter hinges, tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
QUEEN CITY step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
QUEEN OF SOUTH flour mill machinery—Blymyer Iron Works Co., Cincinnati, Ohio
QUEENS chrome yellow—C. H. Howell & Co., 212 Race, Phila., Pa.
QUEENS BEST steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.
QUICK BRAKE knife switches—Consolidated Car Heating Co., Albany, N. Y.
QUICK fruit parers—Hamblin & Russell Mfg. Co., Co., Worcester, Mass.
QUICK ACTING drilling machine vises—Athol Mach. & Foundry Co., Athol, Mass.
QUICK ACTION battery connectors—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland Ohio
QUICK ACTION drilling machine vises—St. Louis Sales Co., St. Louis, Mo.
QUICK ACTION switches & spark coils—Quick Action Ignition Co., South Bend, Ind.
QUICK-AS-A-WINK cork pullers—Milton Hawley, Stepney, Conn.
QUICK-AS-A-WINK cork pullers—Warner Hammer Co., Cromwell, Conn.
QUICK-AS-WINK pneumatic hose couplings—W. J. Clark Co., Salem, Ohio
QUICK CHANGE drill chucks & twist drill collets—McCrosky Reamer Co., Meadville, Pa.
QUICK CLOSING water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
QUICK COMFORT gas heaters, parlor gas grates, wood ranges—American Stove Co., 827 Chouteau av, St. Louis, Mo.
QUICKEST expansion tank shelves—Fred A. Tyler, Albany, N. Y.
QUICK-KLOZE harness snaps—North & Judd Mfg. Co., New Britain, Conn.
QUICK KUT valve grinding compounds—Hall-Thompson Co., Hartford, Conn.
QUICK-LITE lamps & lanterns—Coleman Lamp Co., Dept. H, Wichita, Kans.
QUICK MEAL feed cookers—B. F. Freeland Sons Co., Sturgis, Mich.
QUICK MEAL gas stoves, gas radiators, soldering furnaces, coal ranges—American Stove Co., 827 Chouteau av, St. Louis, Mo.
QUICK-OPE faucets—Haydenville Co., Haydenville, Mass.
QUICK OPENING regulating valves—Bridgman Bros. Co., 131 S. 31st, Phila., Pa.
QUICK OUT feed carriers—Louden Machinery Co., Fairfield, Ia.
QUICK-OUT fire extinguishers—Safety Fire Extinguisher Co., 291 7th av, New York
QUICK-PRESSION work basin cocks—Central Brass Mfg. Co., 6206 Cedar, Cleveland, Ohio
QUICK REPAIR ball cocks—Gaylord Sanitary Mfg. Co., El Dorado, Kan.
QUICK SAMSON cable grips—Mathias Klein & Sons, 3200 Belmont av, Chicago, Ill.
QUICK SET iron & steel posts—Buffalo Steel Co., Tonawanda, N. Y.
QUICK-SHARP planer knife grinders—Stockbridge Machine Co., Worcester, Mass.
QUICK SHIFT anti-rattlers—D. F. Tanner, Holland, N. Y.
QUICK SHINE metal polish—Baum's Castorina Co., Rome, N. Y.
QUICKSTONE concrete hardware & waterproofing materials—A. T. Malmed & Co., Penn Square bldg., Phila., Pa.
QUICK WHITE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
QUICKWORK power hammers, rotary shears—Quickwork Co., St. Mary's, Ohio.
QUICK & EASY garden weeders—Albert E. Rinn, Allentown, Pa.
QUICK WELDING pressed steel band flanges—Parish Supply & Mfg. Co., 2868 Quinn, Chicago, Ill.
QUICKER YET clothes washing machines—Globe Mfg. Co., Perry, Ia.
QUIKSTICKER mucilage & paste—Ink Ribbon Mfg. Co., 635 Howard, San Francisco, Cal.
QUIKWERK railroad tools—The Warren Tool & Forge Co., Warren, Ohio.
QUINCY tumbling barrels—Central Iron Works, Quincy, Ill.
QUINCY MARKET ammonia valves—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
QUINN smokeless furnaces, refuse burners—Quinn & Co., 222 E. 9th, Cincinnati, Ohio
QUINN'S fire pots—Quinn Mfg. Co., Detroit, Mich.
QUIN-SEE valve & service boxes—Modern Iron Works, Quincy, Ill.
QUINT boring tools—Wrightsville Hardware Co., Wrightsville, Pa.
QUINTUPLE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
QUITETITE pressure reducing valves—Auld Co., Thompson & 12th, Phila., Pa.
QUITETITE pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
QUIX-SHINE polishing cloths—Quix Specialty Co., 2754 Germantown av, Phila., Pa.
R. ringing transformers—Mohawk Electric Mfg. Co., 15 Kirk, Newark, N. J.
R. B. F. ball bearings—Hudson Export & Import Co., 1737 Broadway, New York
R. C. blow off valves—E. M. Hanson & Co., 130H, No. 4th, Phila., Pa.
R. C. W. water motor clothes washing machines—Richmond Cedar Wks., Fulton, Richmond, Va.
R. CENTER FILS heddles—Wm. Firth, 200 Devonshire, Boston, Mass.
R. F. D. automobile & carriage heaters—Kelly Foundry & Machine Co., Goshen, Ind.
R. F. D. padlocks—Sargent & Co., New Haven, Conn.
R. F. D. padlocks—Slaymaker Lock Co., Lancaster, Pa.
R F & C belting—Buffalo Weaving & Belting Co., Buffalo, N. Y.
R. F. & C. rubber belting,—Salisbury, W. H. &. Co., Dept. H, 308 N. Madison, Chicago, Ill.
R. F. D. padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
R. H. case hardeners—Roessler & Hasslacher Chemical Co., 709H, 6th av, New York
R. H. MFG. CO. binder covers—B. Herschel Mfg. Co., Peoria, Ill.
R.-I.-V. ball bearings—R.-I.-V. Co., 1765 Broadway, N. Y
R.-I.-V. Hoffman steel balls—R.-I.-V. Co., 1771 Broadway, New York
R. I. W. paints—Toch Bros, 320 5th av, New York
R-K exhaust heads—Walter G. Ruggles Co., 10 High, Boston, Mass.
R. K. steam fitters supplies—Ruggles-Klingemann Mfg. Co., Salem, Ohio
R.-L. lamp cord adjusters—Runzel-Lenz Electric Mfg. Co., 1751 N. Western av, Chicago, Ill.
R. M. C. C. lubricating oils & greases—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
R. MURPHY'S knives, cork screws—R. Murphy's Sons Co., Ayer, Mass.
R-N-R frogs, switches & crossings—Indianapolis Switch & Frog Co., Springfield, Ohio
R. P. lubricators, oil filters, oiling systems & sight flow indicators—Richardson-Phenix Co., 131 2nd, Milwaukee, Wis.
R. P. NOKUT valves—Richardson-Phenix Co., 131 2nd, Milwaukee, Wis.
R. P. UNION-CINCH pipe fittings—Richardson-Phenix Co., 131 2nd, Milwaukee, Wis.
R-P steam traps—John F. Robertson Co., Park bldg., Pittsburgh, Pa.
R. P. K. shoe trees—Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
R. R. babbitt metal—Aurora Metal Co., Aurora, Ill.
R. R. JONES plow fenders—Southern Plow Co., Columbus, Ga.
R. S. gasoline engines—Rawleigh-Schreyer Co., Freeport, Ill.
R.-S. motor cycles—Reading Standard Co., Reading, Pa.
R. S CO. concrete inserts & sprinkler fittings for water—Rockwood Sprinkler Co., Worcester, Mass.
R. S. P. bit brace reamers, pistons, motor valves & twist drills—Rich Steel Products Co., 3855 Santa Fe av, Los Angeles, Cal.
R. V. humersdorff mache churns—Bing, John, 381 4th av, New York
R. W. screen sewage treatment, etc—Sanitation Corp., 50 Broad, New York
R-W 231" folding scaffold brackets—Richards-Wilcox Mfg. Co., Aurora, Ill.
R. & B. needles & pyretometers—Randall-Falchney Co., Boston, Mass.
R. & D. belt cements, belt dressing—Reed & Duecker, Memphis, Tenn.
R. & D. feed water fillers—Row & Davis, Engineers, Inc., 90 West, New York
R. & H. corn shellers—Fate-Root-Heath Co., Plymouth, Ohio
R. & M. piston rings—Modern Electric & Machine Co., 936 Ft. Wayne av, Indianapolis, Ind.
R. & V. gas engines—Root & Vandervoort Engineering Co., East Moline, Ill..
RABBETH centrifugal clutch spindles—Draper Corp., Hopedale, Mass.
BABBETH handle drags—General Phonograph Corp., 25 W. 45th, New York
BARTEX spindle oil—Texas Company, 17 Battery pl, New York
RACINE automobile wind shields—Racine Auto Top Co., Racine Wis.
RACINE bean & pea sorters, grain graders grain separators, fanning mills, end gate seeders—Johnson & Field Mfg. Co., Racine, Wis.
RACINE equalizers—Harvey Spring & Forging Co., Racine, Wis.
RACINE equalizers—Racine General Mfg. Co., Racine, Wis.
RACINE incubators & brooders—Progressive Incubator Co., Racine, Wis.
RACINE metal cutting-off machines—Racine Tool & Machine Co., Racine, Wis.
RACINE puttyless windows—Racine Puttyless Window Co., Racine, Wis.
RACINE rail anchors—John M. Scott & Sons, Racine, Wis.
RACINE rubber tires—Racine Auto Tire Co., Racine, Wis.
RACINE spring hinges, ventilating sash locks—Racine Metal Stamping Co. Racine, Wis.
RACINE JR. MODEL B riding listers—J. I. Case Plow Works, Racine, Wis.
RACK-A-ROCK powder—Rendrock Powder Co., 106 Wall, New York
RACO welding wire—Reid-Avery Co., 1434 Brandywine, Phila., Pa.
RACYCLE bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
RADFORD blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
RADI-METER distance type, thermometers—National Gauge & Equipment Co., La Crosse, Wis.
RADIAL car buffers—Franklin Railway Supply Co., 30 Church, New York
RADIAL drawbars—J. G. Brill Co., 62d & Woodland av, Phila., Pa.

RADIALAXE coal cutters—Ingersoll-Rand Co., 11 Broadway, New York
RADIANT car furnaces & stoves—Germer Stove Co., Erie, Pa.
RADIANT HOME gas ranges & heaters—Germer Stove Co., Erie, Pa.
RADIANT ranges—Cole Mfg. Co., 3218 S. Western ave, Chicago, Ill.
RADIANT stoves—Fox Furnace Co., Elyria, Ohio
RADIANT stoves—Grinberg Bros., 154 South, New York
RADIANT NO. 2 fireplace heaters—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
RADIATOR lock shield valves—McNab & Harlin Mfg. Co., 55 John, New York
RADICAL screw machines—Springfield Automatic Screw Machine Corp., Dept. H, Fitchburg, Mass.
RADICAL CRESCENT cross cut saws—Simonds Mfg. Co., Fitchburg, Mass.
RADIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
RADIO denatured alcohol—Jefferson Distilling & Denaturing Co., Harvey, La.
RADIO luminous paint, powder & cardboard—American Luminous Products Co., Huntington Park, Cal.
RADIOCLARITE foundry flux—Basic Mineral Co., 834 Columbus ave, Pittsburgh, Pa.
RADIOLITE WHITE ENAMEL slow drying—Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.
RADION electric desk lights—H. C. White Co., North Bennington, Vt.
RADION gas jet heater & cooking stove—A. G. Kaufman Mfg. Co., 210 5th av, New York
RADIUM enameled paper—Bryant Paper Co., Kalamazoo, Mich.
RADIUM gas heaters—Radium Heater Co., Pittsburgh, Pa.
RADIUM radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
RADIUM steam heaters—Frank Prox Co., Terre Haute, Ind.
RADIX gas heaters—O. P. Lawson Co., Homestead, Pa.
RAECOLITH sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
RAGONNET locomotive power reverse gears—Franklin Railway Supply Co., 30 Church, New York.
RAILROAD SPECIAL wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
RAILTON-CAMPBELL feed water filters—Ross Valve Mfg. Co., Troy, N. Y.
RAIN shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
RAIN-A-WAY wind shield cleaners—Badger Mfg. Corp., 317 Milwaukee, Milwaukee, Wis.
RAINBO waterproof belting—Manhattan Belting Co., 329 Lafayette, New York
RAINBOW belt lacing—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
RAINBOW corn & cob mills, fanning mills, grain graders—Leo Rumely Tractor Co., La Porte, Ind.
RAINBOW fishing rods—Horton Mfg. Co., Bristol, Conn.
RAINBOW lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
RAINTIGHT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York
RAINTYTE asphalt roofing—Whitaker Paper Co., Eggleston ave, 6th & Lock, Cincinnati, Ohio
RAISIN VALLEY fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
RAJAH clip & hook terminals—Rajah Auto Supply Co., Bloomfield, N. J.
RAJAH scrubbing brushes—New Jersey Brush Co., Bloomfield, N. J.
RALACO gasoline & marine gasoline engines—S. M. Jones Co., Toledo, Ohio.
RALCO receptacle plugs—Central Electric Co., 302 S. 5th av, Chicago, Ill.
RALL bascule bridges—Strobel Steel Construction Co., Monadnock blk, Chicago, Ill.
RALSTON soap makers' presses—Detroit Soap Co., Detroit, Mich.
RALSTON water stills—John Trageser Steam Copper Works, 447 W. 26th, New York
RAMAPO switch stands, spring rail frogs, guard rail clamps—Ramapo Iron Works, Hillburn, N. Y.
RAMBLE spark plugs—Long Bros., Kokomo, Ind.
RAMBLER door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
RAMROD spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
RAMSCO mine cars—Railway & Mine Supply Co., McCormick bldg, Chicago, Ill.
RAMSDELL laundry tub covers—Household Granite Tub Co., New Haven, Conn.
RAMSEY grinder valves—Boky Mfg. Corp., Saratoga Springs, N. Y.
RANDALL graphite lubricators—Randall Graphite Products Co., 711H, Fulton, Chicago, Ill.
RANDALL graphite lubricants—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
RANDALL & STICKNEY lathe indicators, paper testers, gauges—Waltham Micrometers Dial Gauge Co., 248 Ash, Waltham, Mass.
RANDOLPH automobile truck trailers—H. C. Randolph, Jonesville, Mich.
RANDOLPH cotton hose—Mechanical Rubber Co., 73 Reade, New York
RANDOLPH'S journal bearing compounds—Duluth Brass Works Co., Duluth, Minn.
RANGER fruit & vegetable parers—Goodell Co., Antrim, N. H.
RANIVILLE'S LEATHER-TO-METAL belt cements—F. Raniville Co., Grand Rapids, Mich.
RANIVILLE'S WATERIDE belt cements—F. Raniville Co., Grand Rapids, Mich.
RANIVILLE'S BELT WAX belt preservatives—F. Raniville Co., Grand Rapids, Mich.
RANKIN corn & cob mills—Gade Bros. Mfg. Co., Iowa Falls, Ia.
RANKIN shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
RANNEY static electric machines—Waite & Bartlett Mfg. Co., 53 Jackson av, Long Island City, N. Y.
RANSOM emery wheel speed controllers—Ransom Mfg. Co., Oshkosh, Wis.
RANSOME concrete mixer—Ransome Mixer Co., 165 B'way, New York
RANSOMITE bond concrete—Ransome Concrete Machy. Co., Dunellen, N. J.
RAPID clothes washing machines—Metal Barrel Co., Galesburg, Ill.
RAPID clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
RAPID concrete mixers—Rapid Mixer Co., Grand Rapids, Mich.
RAPID fireless cookers—Wm. Campbell Co., 160 Merritt, Detroit, Mich.
RAPID force & lift pumps—Wm. Powell Co., Cincinnati Ohio
RAPID fruit corers—Landers, Frary & Clark, New Britain, Conn.
RAPID grist mills—Fate-Root-Heath Co., Plymouth, Ohio
RAPID log loaders—Clyde Iron Works Sales Co., Duluth, Minn.
RAPID metal polish—Baum's Castorina Co., Rome, N. Y.
RAPID molding machines — Federal Malleable Co., West Allis, Wis.
RAPID paint & varnish remover—Indianapolis Paint & Color Co., Indianapolis, Ind.
RAPID pencil sharpeners—C. Spiro Mfg. Co., 68 E. 131st, New York
RAPID post hole diggers—Hy. Disston & Sons, Tacony, Phila., Pa.
RAPID potato mashers—Browne & Dowd Mfg. Co., Meriden, Conn.
RAPID power shears—Otis L. Fuller Co., Goshen, Ind.
RAPID ready change carriers—Chas. F. Etter, Harrisburg, Pa.
RAPID tap plugs—Rapid Tap Plug Co., Grand Rapids, Mich.
RAPIDCUT valve grinding compounds—S. B. R. Specialty Co., East Orange, N. J.
RAPID-EASY garden weeders—W. J. Clark Co., Salem, Ohio
RAPID FIRE dry batteries—Nungesser Carbon & Battery Works of Nat'l Carbon Co., 1170 E. 38th, Cleveland, Ohio
RAPID FIRE machine drills—Diamond Expansion Bolt Co., 89 West, New York
RAPIDO closets—Crane Co., 836 S. Michigan av, Chicago, Ill.
RAPID ROLLER COPIER presses—Yawman & Erbe Mfg. Co., Rochester, N. Y.
RAPID TRANSIT dumb waiters—Energy Elevator Co., 214 New, Phila., Pa.
RAPP molding sand revivifiers—Link-Belt Co., 329 W. 39th, Chicago, Ill.
RATCHET handle paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
RATEAU steam regenerators—Rateau Steam Regenerator Co., 90 West, New York
RATHBUN vertical gas engines — Rathbun-Jones Eng'ng Co., 841 Spencer, Toledo, Ohio
RATHOLA disinfectants—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
RATSCH-PEERLESS baseball bats, base balls, foot balls, striking bags—Chicago Sporting Goods Mfg. Co., 211 N. Carpenter, Chicago, Ill.
RATTLER plow potato diggers—Rock Island Plow Co., Rock Island, Ill.
RAULING aluminum panel commercial bodies—R. & L. Baker Co., 2180 W. 25th, Cleveland, Ohio
RAVEN enameled wire—Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
RAVEN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
RAVEN padlocks—Slaymaker Lock Co., Lancaster, Pa.
RAVEN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
RAVEN shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
RAVEN core rubber covered wire—New York Insulated Wire Co., 84 State, Boston, Mass.
Ravenswood glass desk pads—Ravenswood Office Specialties Co., 1800 Newport av, Chicago, Ill.
RAVLWIND-ARGUTO loopers—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
RAW belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
RAWLINGS base balls, base ball & athletic shoes, base ball masks—Rawlings Mfg. Co., 23rd & Lucas ave, St. Louis, Mo.
RAY socket wrenches—Packer Auto Specialty Co., 1420 S. Michigan, Chicago, Ill.
RAYBESTOS brake bands packing—Raybestos Co., Bridgeport, Conn.
RAYDO liquid metal polish—Ulrich & Co., 363 E. North, Buffalo, N. Y.
RAYFIELD carbureters—Findeisen & Kropf Mfg. Co., 2559 W. 21st, Chicago, Ill.
RAYFORD truck units—Rayford Co., 2d & Indiana, Philadelphia, Pa.
RAYMOND PULVERIZING air separating systems—Raymond Bros. Impact Pulverizer Co., 1346 N. Branch, Chicago, Ill.
RAYMOND'S lead ferrules—Raymond Lead Wks., 734 S. Washtenaw ave, Chicago, Ill.
RAYNTITE auto top material, fabrikoid type—Du Pont Fabrikoid Co., Wilmington, Del.
RAYO household lamps—Standard Oil Co., of N. Y., 555 W. 25th, New York

RAYO incubators & brooders—Rayo Incubator Co., Omaha, Neb.
RAYO nickel chromium resistance wire—Electrical Alloy Co., Morristown, N. J.
RAZOR edge butchers' knives—Meriden Cutlery Co., Meriden, Conn.
RAZOR BLADE kitchen knives—Gibford-Weiffenbach Co., Adrian, Mich.
REACTION brush holders—Baylis Co., Bloomfield, N. J.
READEANA insect killer—Reade Mfg. Co., Hoboken, N. J.

READING C AND B CHAIN PRODUCTS
Chain hoists.
Electric hoists.
Trolleys.
Traveling cranes.
Reading Chain & Block Corporation, Reading, Pa.

READINA solution—Reade Mfg. Co., Hoboken, N. J.
READING flag pole brackets—Gray Iron Foundry Co., Reading, Pa.
READING lawn mowers, door checks, locks & knobs—Reading Hardware Co., Reading, Pa.
READING vapor system heating—Reading Heater & Supply Co., Reading, Pa.
READRITE volimeters—Readrite Meter Wks, Bluffton, Ohio
READ'S window stop screws & washers—A. P. Read Co., 568 W. Washington, Chicago, Ill.
READY milling machine dogs—Ready Tool Co., Bridgeport, Conn.
READY payout reels, pole houses—W. G. Nagel Electric Co., Toledo, Ohio
READY throttle & lever valves—Wm. Powell Co., Cincinnati, Ohio
READY-BILT portable fireproof garages — Canton Metal Ceiling Co., Canton, Ohio
READY GRIP wrenches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
READY-LITE incandescent gas mantles, lanterns & table lamps—American Gas Machine Co., Inc., 78 Reade, New York
READY ROCK asphalt roofing—Pioneer Paper Co., Los Angeles, Cal.
READY SIZER wood planing machines—Stetson Ross Machine Works, 3201II 1st av, Seattle, Wash.
REAL safety razors—Geo. W. Korn Razor Mfg. Co., Little Valley, N. Y.
REALFLEX steel armored flexible conductors—Youngstown Sheet & Tube Co., Youngstown, Ohio
REAL-LIN economic linseed oil—Am. Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
REALOCK locknuts—Flannery Bolt Co., Vanadium bldg., Pittsburgh, Pa.
REAL SOLID aluminum hollow ware—Buckeye Aluminum Co., Wooster, Ohio
REARWIN die filing machines—Oliver Machy. Co., Grand Rapids, Mich.
REARWIN emery wheel dressers—Quadriga Mfg. & Specialty Co., 213 W. Grand ave, Chicago, Ill.
REARWIN emery wheel dressers—H. A. Stocker Machinery Co., 117 N. Jefferson, Chicago, Ill.
REASE economy steam heaters—International Heater Co., Utica, N. Y.
REA'S self-piercing bull's rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
REBA wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
RECESS baths, drinking fountains & lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
RECCO centrifugal pumps—Rider-Ericsson Engine Co., 20 Murray, New York
RECO concrete reinforcing materials—Reinforced Concrete Co., Arcade bldg, St. Louis, Mo.
RECO electric sign flashers & electric sign reflectors—Reynolds Electric Co., 2650H W. Congress, Chicago, Ill.
RECORD babbitt metal—Union Smelting & Refining Co., Inc., 63 Park Row, New York.
RECORD padlocks—Sargent Co., New Haven, Conn.
RECORD universal joints—Nilson-Miller Co., 1304 Hudson, Hoboken, N. J.
RECORD tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
RECTANGULAR churns—A. H. Reid Creamery & Dairy Supply Co., 69 & Haverford, Phila., Pa.
RECTI electric bells—Edwards & Co., 140th & Exterior av. & 140th, New York
RECTIGRAPH photo copying machines—Rectigraph Co., Rochester, N. Y.
RECTOR incandescent gas mantles—Eclipse Light Co., 583 B'way, New York
RED breast packing—Mercer Rubber Co., Hamilton Square, N. J.
RED ARROW explosives (for export only(—du Pont de Nemours & Co., E. I., Wilmington, Del.
RED BRICK mortar color—Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
REDBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
RED BLACK insulating compounds—Consumers' Rubber Co., 829 Superior av, Cleveland, Ohio
RED BULL nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
RED CHIEF corn shellers—Brinley-Hardy Co., Louisville, Ky.
RED CHIEF feed grinding mills—Red Chief Mfg. Co., Louisville, Ky.
RED CLIPPER pruning shears—Clyde Cutlery Co., Clyde, Ohio
RED CLOUD ball bearing lawn mower—Penna Lawn Mower Works, 1615 N. 23d, Phila., Pa.
RED CORE wire & cable—General Electric Co., Schenectady, N. Y.
RED CRESCENT packing—Revere Rubber Co., Chelsea, Mass.
RED CROSS belt dressing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
RED CROSS commutator compounds—Hart & Co., Fostoria, Ohio
RED CROSS explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
RED CROSS fire hose—Eureka Fire Hose Mfg. Co., 27 Barclay, New York
RED CROSS stoves, furnaces & ranges—Co-Operative Foundry Co., Rochester, N. Y.
RED CROSS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RED CROSS pipe joint compound—Edgecombe Co., Cuyahoga Falls, Ohio
RED CROSS rubber cements—National Rubber & Specialties Co., Winton pl, Cincinnati, Ohio
RED CROSS soda water fountains—Bishop & Babcock Co., 1204 E. 55th, Cleveland, Ohio
RED CROSS toilet paper—A. P. W. Paper Co., Dept. H. Albany, N. Y.
RED CUT SUPERIOR high speed steel—Vanadium Alloy Steel Co., Phila., Pa.
RED DEVIL cement—Three Forks Portland Cement Co., Denver, Colo.
RED DEVIL cement—Union Portland Cement Co., Ogden, Utah
RED DEVIL linemen's tools—Irvington Mfg. Co., Irvington, N. J.
RED DEVIL massage vibrators—New Britain Tool & Mfg. Co., New Britain, Conn.
RED DEVIL meat choppers & tools—Smith & Hemenway Co., 261H B'way, New York & 130H Colt, Irvington, N. J.
RED DEVIL water motors—Divine Bros. Co., Utica, N. Y.
RED DEVIL DOLLY automobile jacks—Midwest Mfg. Co., McKnight Bldg., Minneapolis, Minn.
RED DIABLO packing—Bowers Rubber Wks., San Francisco, Cal.
RED DIAMOND carbolic acid gas—Liquid Carbonic Co., 3100 S. Kedzie av, Chicago, Ill.
RED DIAMOND packing—Pioneer Rubber Mills Co., Bloomfield, N. J.
RED DRAGON belt dressing, belt cements, pulley covering—Chemical & Engineering Co., Watertown, N. Y.
RED E boring bars, thread cutting tools, tool holders & sets, center grinders & lathe centers—Ready Tool Co., Bridgeport, Conn.
RED E soldering flux—Chase-Shawmut Co., Newburyport, Mass.
REDEMOTORS gas engines—Elgin Wheel & Engine Co., Elgin, Ill.
REDFEATHER corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
REDFIELD hollow cork fishing tackle—F. E. Chester Mfg. Co., 3 Pine, Providence, R. I.
RED H permissible explosives—Hercules Powder Co., Wilmington, Del.
RED HAND paints—Red Hand Compositions Co., Inc., 1 Broadway, New York
RED HAND riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
RED HEAD spark plugs—Emil Grossman Mfg. Co., 167 41st, Brooklyn, N. Y
RED HOOF shipping cans—Conneaut Can Co., Conneaut, Ohio
RED HOOP oil cans—Conneaut Can Co., Conneaut, Ohio
RED HOT gasoline blow torches, melting ladles, solder pots—Ashton Mfg. Co., 184 Emmet, Newark, N. J.
RED-HOT heating stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
RED HOT tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
REDIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
REDIFOR fishing reels—Redifor Rod & Reel Co., Warren, Ohio
REDIN-EKSTROM metal punches—Redin, Ekstrom & Co., Rockford, Ill.
RED JACKET canvas stitched belting — National Belting Co., Elyria, Ohio
RED JACKET gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RED-JACKET potato sprayer—Field Pump Co., Elmira, N. Y.
RED JACKET pumps—Red Jacket Mfg. Co., Davenport, Ia.
RED JACKET tube cleaners—H. W. Caldwell & Son, 17th & Western av, Chicago, Ill.
RED LABEL brick cutting wire—Webb Wire Wks., New Brunswick, N. J.
RED LABEL dry batteries—Western Electric Co., 463 West, New York
RED LABEL steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
REDLANDS pruning shears—Smith, Seymour & Son, Oakville, Conn.
RED LETTER liquid & paste wood fillers, paints & varnish wood stains—S. E. M. Rice Filler Co., Irvington, N. J.
REDLINE draft gauges—Schaeffer & Budenberg Mfg. Co., S. 5th & Barry Brooklyn, N. Y.
RED LINE gauge glasses—H. A. Rogers Co., 87 Walker, New York
RED LINE hoists—Clinton E. Hobbs Co., 37 Pearl, Boston, Mass.
RED METAL sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.
RED OAK flooring—Mitchell Bros. Co., Cadillac, Mich.
RED OAK rubber hose—National India Rubber Co., Bristol, R. I.
RED OAK sheet packing—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

REDOXO soapstone & red talc—Bull Run Talc & Soapstone Co., Clifton Station, Va.
RED RACER children's vehicles—Manumotors Co., Manitowoc, Wis.
RED RIB door hangers—Safety Door Hanger Co., Ashland, Ohio
RED RIDGE axes—American Axe & Tool Co., Glassport, Pa.
RED RING cement—Missouri Portland Cement Co., Post Despatch bldg., St. Louis, Mo.
RED RIVER blast furnaces—Red River Co., Clarksville, Tenn.
RED ROSE packing—Home Rubber Co., Trenton, N. J.
RED RUSTLESS CEMENT pipe joint—Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
RED SEAL boiler compounds—Cherry Chemical Co., 1018 Callowhill, Phila., Pa.
RED SEAL chamois—Lasker & Bernstein, 161 William, New York
RED SEAL crayons—Standard Crayon Mfg. Co., Danvers, Mass.
RED SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
RED SEAL lye—P. C. Tomson & Co., 29 Washington av, Phila., Pa.
RED SEAL oxide of zinc—New Jersey Zinc Co., 160 Front, New York
RED SEAL rubber tires—Goodyear Tire & Rubber Co., Akron, Ohio
RED SENTRY gasoline pump—S. F. Bowser & Co., Fort Wayne, Ind.
RED SHEETS packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.
RED SHIELD dry batteries—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
RED SKIN sheet packing—Hewitt Rubber Co., Buffalo, N. Y.
RED SKOOKUM (brass wire inserted) packing—Pioneer Rubber Mills, San Francisco, Cal.
RED SNAKE braided hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
RED STAR boiler compounds—Lake Erie Mfg. Co., Buffalo, N. Y.
RED STAR brewers' pitch—American Pitch Co., 414 Water, Cincinnati, Ohio
RED STAR dry batteries—White Star Battery Co., 126 Chambers, New York
RED STAR explosives (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
RED STAR lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
RED STAR powder polish—J. A. Wright & Co., Keene, N. H.
RED STAR step ladders—Pratt Mfg. Co., Coldwater, Mich.
RED STAR washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RED STAR BRAND colored wipers—Sanitary Rag Co., Kalamazoo, Mich.
RED STRIP belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
REDTEX plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.
RED TOP boys' axes—Mann Edge Tool Co., Lewistown, Pa.
RED WARRIOR axes—American Axe & Tool Co., Glassport, Pa.
RED WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
RED WING sheet packing—Goodyear Tire & Rubber Co., Akron, Ohio
REDDEN truck units—Redden Motor Truck Co., 676 Woodward av, Detroit, Mich.
REDWOOD stoves—Pittston Stove Co., Pittston, Pa.
RED & READY gas engines—Havana Mfg. Co., Havana, Ill.
REECE'S new screw plates—Butterfield & Co., Derby Line, Vt.
REECO electric pumps—Rider-Ericsson Engine Co., 20 Murray, New York
REED chucks—R. H. Brown & Co., New Haven, Conn.
REED cultivators—Reed Foundry & Mach. Co., Kalamazoo, Mich.
REED cylinder grease—Reed Oil Co., Atlanta, Ga.
REED drilling machines—Francis Reed Co., Worcester, Mass.
REED hay fork pulleys—F. E. Myers & Bro., Ashland, Ohio
REED hot water radiators—H. B. Smith Co., Westfield, Mass.
REED PIPE tools—Reed Mfg. Co., Dept. H, Erie, Pa.
REED ISLAND blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
REED-PRENTICE profiling machines—Reed-Prentice Co., 53 Franklin, Boston; Works, Worcester, Mass.
REEDS marine gears—Lockwood Mfg. Co., 44 N. Market, Boston, Mass.
REEL-Z-UP clothes line reels—W. M. Palmer Mfg. Co., 42 Broadway, New York
REES automobile jacks—Iron City Products Co., 7511 Thomas blvd., Pittsburgh, Pa.
REESE broom corn cleaners—F. W. Reese, Paris, Ill.
REESE roof joint—E. L. Parker & Nimmo Co., 203 S. Charles, Baltimore, Md.
REEVES bevels, butt gauges—William Williams, Jr., New Britain, Conn.
REEVES engines—Hope Forge & Machine Co., Mount Vernon, Ohio
REEVES manganese bronze wheels—Paul S. Reeves & Co., 1415 Cathrine, Phila., Pa.
REEVES split wood pulleys—Strong, Carlisle & Hammond Co., 336 Frankfort av, Cleveland, Ohio
REEVES threshers, traction engines, wind stackers, grain separators—Emerson-Brantingham Co., Rockford, Ill.
REEVES variable speed transmission—Reeves Pulley Co., Columbus, Ind.
REFLECTOLYTE lighting fixtures—Reflectoyle Co., 914 S. Pine, St. Louis, Mo.
REFLECTRIC illuminated signs—Western Display Co., St. Paul, Minn.
REFLEX gauge glasses—H. A. Rogers Co., 87 Walker, New York
REFLEX hot air furnaces—W. F. Gammeter, Cadiz, Ohio
REFLEX metal polish—McCormick-Murray Mfg. Co., Rock Island, Ill.
REFLEX spark plugs—Reflex Ignition Co., 1708 Payne av, Cleveland, Ohio
REFLEX water gauges—Okadee Co., 14 E. Jackson blvd, Chicago, Ill.
REFLEX water gauges—Sargent Co., 625 W. Jackson blvd., Chicago, Ill.
REFLEX water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
REFLEX water gauges, gauge glasses—Jerguson Gage & Valve Co., Mystic av & Fellsway, Somerville, Mass.
REFLUX vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
REFLUX JUNIOR vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
REFORM currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
REFORM steel tube thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
REGAL cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
REGAL coffee mills—Landers, Frary & Clark, New Britain, Conn.
REGAL corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
REGAL dashboard clocks—Post & Lester Co., Hartford, Conn.
REGAL flue stops—Roseland Can & Specialty Co. Rockford, Ill.
REGAL gum gaskets & packing—Quaker City Belting Co., 629 Market, Phila., Pa.
REGAL kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
REGAL lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge ave, Phila., Pa.
REGAL oil—Texas Company, 17 Battery pl, New York
REGAL steam engines—Ames Iron Wks., Oswego, N. Y.
REGAL table silverware & nickel & silver plated knives & forks—Regal Silver Mfg. Co., New Haven, Conn.
REGAL water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
REGAL BRAID sash cords—Puritan Cordage Mills, Louisville, Ky.
REGAN pole rein snaps—Chas. E. Berry, Somerville, Mass.
REGAN'S metallic shingles—Cincinnati Stamping Co., 24 W. McMicken av, Cincinnati, Ohio
REGAR cocks & bibbs—Regar Brass Mfg. Co., 1523 E. 45th, Cleveland, Ohio
REGENERATIVE FLAMING arc light carbons—Nat'l Carbon Co., Madison av N. W. & W. 117th, Cleveland, Ohio
REGENT acid proof belting & packing, mfrs. sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
REGENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
REGENT stoves & steel ranges—Pueblo Brass & Iron Foundry, Pueblo, Colo.
REGINA packing—Crandall Packing Co., Palmyra, N. Y.
REGINA vacuum cleaners—Regina Co., 47 W. 34th New York
REGIS card tables—E. T. Burrows Co., Portland, Me.
REGIS syphon jet water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
REGULAR sheet & square pump packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
REHN'S water softening & purifying apparatus—Compound Injector & Specialty Co., 419 N. Laramie ave, Chicago, Ill.
REICHERT tire chains for auto trucks & pleasure cars—Imperial Bit & Snap Co., Racine, Wis.
REID gas engines—Frick-Reid Supply Co., Sandusky & Robinson, Pittsburgh, Pa.
REID screw drivers, churns, cream separators—A. H. Reid Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
REID surface grinders—Reid Bros. Co., Beverly, Mass.
REID'S creamery churns—Vermont Farm Machine Co., Bellows Falls, Vt.
REID'S PUTZ metal polish—W. E. Reid Mfg. Co., 17 Caldwell, Boston, Mass.
REID'S PUTZ POMADE metal polish—W. W. Reid Mfg. Co., 17 Caldwell, Boston, Mass.
REILLY feed water heaters, distilling evaporators, oil filters, oil extractors, steam heaters, hot water distillers, water generators, water filters—Griscom-Russell Co., 92 West, New York
REILLY steam pumps—National Foundry & Machine Co., Louisville, Ky.
REINERT jolting screens—Link-Belt Co., 329 W. 39th, Chicago, Ill.
REISCHSANSTALT photometers—Leeds & Northrup Co., 4901 Stenton av, Phila., Pa.
REISING targets, pistols—Ainslie Mach. & Tool Wks., 111 Laurel, Hartford, Conn.
REKFORD superior steel—Horace T. Potts & Co., 318 N. 3rd, Phila., Pa.
RELAX spring hinges—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
RELIABLE babbitt metal—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.

RELIABLE bone mills—Mountville Mfg. Co., Mountville, Pa.
RELIABLE disc sharpeners—R. Herschel Mfg. Co., Peoria, Ill.
RELIABLE door hangers, drop fire doors & rolling ladders—Allith-Prouty Co., Danville, Ill.
RELIABLE dust arresters, mills & fdry. machy.—Dayton-Dowd Co., Quincy, Ill.
RELIABLE electric hoists—A. J. Cline, 343 S. Dearborn, Chicago, Ill.
RELIABLE electric horse clippers, wire connectors—Reliable Electric Co., 413 Sangamon, Chicago, Ill.
RELIABLE extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
RELIABLE brazier gas radiators, gas ovens, gasoline burners, heaters, stoves, toasters—Reliable Stove Co., 1787 E. 40th, Cleveland, Ohio
RELIABLE friction tape dry batteries—Gee Elec. Co., Wheeling, W. Va.
RELIABLE gas stoves, radiators, burners, grates, gasoline blow torches, oil stoves & heaters—American Stove Co., 827 Chouteau av, St. Louis, Mo.
RELIABLE grease cups—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
RELIABLE hose couplings—Rauch Mfg. Co., Galena, Kan.
RELIABLE hot air furnaces—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
RELIABLE jacks, folding scaffold brackets—Elite Mfg. Co., Ashland, Ohio
RELIABLE lightning arresters—Reliable Electric Co., 413 S. Sangamon, Chicago, Ill.
RELIABLE low water alarms—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.
RELIABLE lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
RELIABLE PLAIN oil & grease cups—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
RELIABLE puzzle key rings—Browne & Dowd Mfg. Co., Meriden, Conn.
RELIABLE reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
RELIABLE rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
RELIABLE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
RELIABLE shipping cans—Roseland Can & Specialty Co., Rockford, Ill.
RELIABLE standard lamp black—Bihn & Wolff Co., Ash & Almond, Phila., Pa.
RELIABLE steel tape — Lufkin Rule Co., Saginaw, Mich.
RELIABLE taps, stocks & dies—Conant & Donelson Co., Conway, Mass.
RELIABLE storage batteries—Storage Battery Supply Co., 239 E. 27th, New York
RELIABLE sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
RELIABLE vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
RELIABLE wagon jacks—Buffum Tool Co., South Side, Louisiana, Mo.
RELIABLE washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RELIANCE ammeters & voltmeters—Reliance Instrument Co., 1313 Moorman, Chicago, Ill.
RELIANCE asphalt roofing—Sall Mountain Co., 305 S. La Salle, Chicago, Ill.
RELIANCE batteries—Storage Battery Supply Co., 239 E. 27th, New York
RELIANCE belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
RELIANCE blotting paper—Albermarle Paper Mfg. Co., Richmond, Va.
RELIANCE boiler tubes—Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
RELIANCE bolt cutting & threading machines—Foote-Burt Co., 4101 St. Clair av, Cleveland, Ohio
RELIANCE brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
RELIANCE canvas wheels, plating barrels—Chas. F. L'Hommedieu & Sons, 4521 Ogden av, Chicago, Ill.
RELIANCE chisels, drawing knives—Greenlee Bros. & Co., Rockford, Ill.
RELIANCE corn & cob mills—Sandwich Mfg. Co., Sandwich, Ill.
RELIANCE door hangers, elevator door hangers & safety devices—Reliance-Grant Elevator Equipment Corp., 101 Madison av, New York
RELIANCE door springs—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
RELIANCE electric bells & speaking tubes—Keil Francis & Son, 401 E. 163d, New York
RELIANCE electric motors & generators—Reliance Electric & Engng. Co., 1064 Ivanhoe rd, Cleveland, O.
RELIANCE fire hose—Boston Coupling Co., 156 Pearl, Boston, Mass.
RELIANCE fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
RELIANCE garden cultivators—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
RELIANCE gauge cocks, safety water columns, steam traps, water gauges—Reliance Gauge Column Co., Cleveland, Ohio
RELIANCE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
RELIANCE hoisting engines — Reliance Machine & Tool Works, Channing & Franklin avs, St.. Louis, Mo.
RELIANCE horse nails—Fowler Nail Co., Seymour, Conn.
RELIANCE hydraulic jacks—Philip S. Justice & Co., 421 Chestnut, Phila., Pa.
RELIANCE ice creepers—Jas. B. Holderbaum, Somerset, Pa.
RELIANCE lock washers—Reliance Mfg. Co., Massillon, Ohio
RELIANCE lubricating oils & greases—Haggerty Refining Co., 50 South, New York
RELIANCE mop wringers—August Schubert Wagon Co., Oneida, N. Y.
RELIANCE motor charging rheostats—Reno-Kaetker Electric Co., Gerke bldg, Cincinnati, Ohio
RELIANCE numbering machines—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
RELIANCE packing—Pioneer Rubber Mills, San Francisco, Cal.
RELIANCE packing—Empire Tire & Rubber Corp., Trenton, N. J.
RELIANCE rock crushers, stone crushing plants, road oilers, street sprinkling carts & sweeping machinery—Universal Road Machinery Co., Kingston, N. Y.
RELIANCE sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
RELIANCE shears & scissors, tinners snips—W. H. Compton Shear Co., 314 Camden, Newark, N. J.
RELIANCE speedometers & aeroplane tachometers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
RELIANCE speedometers & tachometers—Nelson Instrument Co., 11 Elkins, Boston, Mass.
RELIANCE steam traps—Paul B. Huyette Co., 5H S. 18th, Phila., Pa.
RELIANCE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
RELIANCE wood fibre wall plaster—Empire Gypsum Co., Rochester, N. Y.
RELIANCE wooden toggles—Reliance Toggle & Machine Co., Lowell, Mass.
RELIEF fire hose—Republic Rubber Co., Youngstown, Ohio
RELIO leaf spring oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
RELLIM toothless harrows—Miller & Rellim Co., College, Corner, Ohio
RELYO closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
REM oil, lubricating oil for cleaning guns & revolvers—Remington Arms Union Metallic Cartridge Co., Inc., 233 B'way, New York
REMCO garbage cans—Republic Metalware Co., Buffalo, N. Y.
REMEK knife switches, transformers—Crocker-Wheeler Co., Ampere, N. J.
REMINDER electric alarm clocks—Darche Mfg. Co., 643 W. Washington blvd., Chicago, Ill.
REMINDO switch & buzzer—General Elec. Co., Schenectady, N. Y.
REMINGTON steam heaters—Phelps Bros Co., 101 Beekman, New York
REMINGTON U. M. C. ammunition & cartridge primers—Remington Arms Union Metallic Cartridge Co., Inc., 233 B'way, New York
REMORA packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
RE-MO-VIT paint & varnish remover—Flint Varnish Works, Flint, Mich.
REMY igniters—Remy Electric Co., Anderson, Ind.
RENEWABLE valves—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
RENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
RENIM junction boxes, electric bell floor treads—Renim Specialty Co., Brighton, Mass.
RENO wall plaster—Pacific Portland Cement Co., Con., San Francisco, Cal.
RENOWN babbitt metal—Metal Sales Co., Cleveland, Ohio
RENOWN grease cups—Wm. Powell Co., Cincinnati, Ohio
RENOWN lubricating oils & greases—Standard Oil Co. of N. Y., 555 W. 25th, New York
RENOWN stoves—Independent Stove Co., Owosso, Mich.
RENSHAW ratchet drills—Pratt & Whitney Co., Hartford, Conn.
RE-NU auto finish—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
REPAUNO explosives—du Pont de Nemours Co., E. I., Wilmington, Del.
REPELLO asphalt ready roofing—Safepack Mills, 727 Atlantic av, Boston, Mass.
REPELLO automobile horns—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
REPUBLIC axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
REPUBLIC belting—Mau-Sherwood Supply Co., 1616 W. 3d, Cleveland, Ohio
REPUBLIC flushing valves—Republic Mfg. Co., 2944 W. Lake, Chicago, Ill.
REPUBLIC gas engine lubricators—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
REPUBLIC gas ranges—Republic Stove & Mfg. Co., 1802 E 40th, Cleveland, Ohio
REPUBLIC oil well belting, rubber hose & tires—Republic Rubber Co., Youngstown, Ohio
REPUBLIC wash boilers—Republic Metalware Co., Buffalo, N. Y.
REQUOT hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
RES toilet paper holders, towel bars, sash curtain rods—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
RESCUE fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
RESCUE fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RESERVE oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

RESILIA spring steel—Cambria Steel Co., Widener bldg, Phila., Pa.
RESISTAL goggles & eye protectors—Strauss & Buegeleisen, 16 Hanover pl, Brooklyn, N. Y.
RESISTO asphalt ready roofing—Safepack Mills, 727 Atlantic av, Boston, Mass.
RESISTO gauge glasses—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
RESTMORE porch swings—Martin Steel Products Co., Mansfield, Ohio
RETAW waterproofing materials—National Roofing Co., Tonawanda, N. Y.
RETRIEVER car bells & gongs—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.
REUTER multiplying & dividing machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
REUTHER potato diggers—S. H. Peck's Sons, East Aurora, N. Y.
REVELATION china kilns—H. J. Caulkins & Co., State & Griswold, Detroit, Mich.
REVER public urinals—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
REVERE lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
REVERE packing & hose—Revere Rubber Co., Chelsea, Mass.
REVERE rubber tires—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
REVERSIBLE ice creepers—Norlund Mfg. Co., Williamsport, Pa.
REVERSIBLE ratchet wrenches—Lowell Wrench Co., Worcester, Mass.
REVERSIBLE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
REVERSO water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
REVIVAL dust absorbing floor oils—Apothecaries Hall Co., Waterbury, Conn.
RE-VI-VAR varnish, furniture polish—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
REVOLUTION spring tooth & stalk cutter attachments—B. F. Avery & Sons, Louisville, Ky.
REVOLVATOR portable elevators—Revolvator Co., 395 Garfield av, Jersey City, N. J.
REVONOCK hdwe. tools & cutlery—Hibbard, Spencer & Bartlett Co., 303 N. State, Chicago, Ill.
REX anti slip brake wafers, metal polish & wood oil—Armiger Chemical Co., 2155 Austin av, Chicago, Ill.
REX babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
REX ball vises—Adolph Muehlmatt, 17 Lion bldg., Cincinnati, Ohio
REX barn door latches—Arcade Mfg. Co., Freeport, Ill.
REX bath & basin plugs—Jenkins Mfg. Co., Bloomfield, N. J.
REX battery motors—Davis Kendrick Co., Lebanon, N. H.
REX belting—Barnum Bros. Co., Troy, N. Y.
REX boat anchors—Pendleton Co., 308 S. Water, Providence, R. I.
REX dish mops—Eagle Woodenware Mfg. Co., Hamilton, Ohio
REX electric bells—P. R. Mfg. Co., Detroit, Mich.
REX electric car headlights—Dayton Mfg. Co., Dayton, Ohio
REX electric massage vibrators—P. A. Geier Co., Cleveland, Ohio
REX enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
REX feed cookers—Treaty Co., Greenville, Ohio
REX feed cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
REX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
REX gas burners, furnaces & heaters—Calkins & Pearce, 751 E. Long, Columbus, O.
REX gas & marine engines—Neponset Engine & Mach. Co., Neponset, Boston, Mass.
REX grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
REX hack saw blades—Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y.
REX hand vacuum cleaners—Rex Cleaner Co., 431 Kent av, Brooklyn, N. Y.
REX insulating compounds, paints & paper—Flintkote Co., 88 Pearl, Boston, Mass.
REX ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
REX laundry stoves—Gray & Dudley Hdwe. Co., Nashville, Tenn.
REX lead pipe benders—Jas. McCrea & Co., 562 N. Washington, Chicago, Ill.
REX lubricating oils & axle greases—Marshall Oil Co. of Iowa, Marshalltown, Ia.
REX nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
REX non-inflammable metal polish, carriage top dressing—Armiger Chemical Co., 2155 Austin av, Chicago, Ill.
REX packing—Crandall Packing Co., Palmyra, N. Y.
REX packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
REX padlocks—Slaymaker Lock Co., Lancaster, Pa.
REX paint waterproofing materials—Ajax Paint Co., Indianapolis, Ind.
REX pipe bends & coils—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
REX rat traps—Lovell Mfg. Co., Erie, Pa.
REX switch boxes, electric fixture studs, ground connection clamps—W. H. Colgan Co., West Newton, Mass.
REX vises—Prentiss Vise Co., 110 Lafayette, New York
REX water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
REX water heaters—Cleveland Heater Co., 1905 W. 112th, Cleveland, Ohio
REX well drilling machinery—Lucey Mfg. Corp., 233 B'way, New York
REX A high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REXALL canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
REX A. A. high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REX A. A. A. high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REX ADAMANT sanitary flooring—Flintkote Co., 88 Pearl, Boston, Mass.
REX-CRESCENT water closets—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
REX DIAMOND POINT strip felt & asphalt slate shingles & roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
REX FLINTKOTE roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX INLAID roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REXO automobile & electric horns—General Phonograph Mfg. Co., Elyria, Ohio
REX RED roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX REVERSIBLE POINT strip felt & asphalt slate shingles & roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
REX SLATE SURFACED roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX STRIP asphalt, slate surfaced shingles—Flintkote Co., 88 Pearl, Boston, Mass.
REX-TAN waterproof belting—Bonner & Barnewall, 30 Church, New York
REX-TUBE gasoline hose & flexible metallic tubing—Chicago Tubing & Braiding, 216 N. Clinton, Chicago, Ill.
REX WIDE SPACE asphalt & roofing felt, shingles—Flintkote Co., 88 Pearl, Boston, Mass.
REYNOLDS air compressors, gas compressors, Corliss engines, pumping engines—Allis-Chalmer Mfg. Co., Milwaukee, Wis.
REYNOLDS automatic power screw driving machines—Reynolds Machine Co., Massillon, Ohio
REYNOLDS baseball gloves—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
REYNOLDS grain car loaders—E. Bauder, Sterling, Ill.
REYNOLDS trace carriers—Frazer & Jones Co., Syracuse, N. Y.
REYNOLDS tread horse powers—Messinger Mfg. Co., Tatamy, Pa.
REYNOLDS trucks—Lansing Co., Lansing, Mich.
REZILITE sanitary flooring & waterproofing materials—Rezilite Mfg. Co., H People's Gas Bldg., Chicago, Ill.
RHEINHOLD ice breakers—G. S. Blakeslee & Co., W. 19th & S. 52nd av, Chicago, Ill.
RHENAG gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
RHINELAND thrust bearings—Rhineland Machine Works Co., 1737 Broadway, New York
RHINO brand calking & glazing putty compound—Pecora Paint Co., 4th & Sedgleyas av, Phila., Pa.
RHINO rubber hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
RHOADES bobbin holders—Draper Corp., Hopedale, Mass.
RHOADES-CHANDLER spinning frame separators—Draper Corp., Hopedale, Mass.
RHODE ISLAND hoes—Union Fork & Hoe Co., Columbus, Ohio
RHODES pruning shears—Rhodes Mfg. Co., Grand Rapids, Mich.
RHODES pumice brick—James H. Rhodes & Co., 2810 S. Albany, Chicago, Ill.
RHODES slotting machines—Rhodes Mfg. Co., 984 Park, Hartford, Conn.
RIBBONIZED metallic packing—Glacier Metal Co., Hull & 22nd, Richmond, Va.
RICE gas engines—Trenton Malleable Iron Co., Trenton, N. J.
RICE potato diggers—Keystone Machine Co., York, Pa.
RICE steam engines--Providence Engineering Corp., 521 S. Main, Providence, R. I.
RICE vises—Illinois Iron & Bolt Co., Carpentersville, Ill.
RICE & SARGENT corliss engines—Providence Engineering Works, 521 S Main, Providence, R. I.
RICE'S iron & steel filler cements—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
RICH barley graders—S. Howes Co., Silver Creek, N. Y.
RICH drill chucks—Clark Equipment Co., Buchanan, Mich.
RICHARD engine & machine oilers—Ansonia Novelty Co., Ansonia, Conn.
RICHARD PEERLESS barn door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDS babbitt metal & solder—Richards & Co., Inc., 192 Beverly, Boston, Mass.
RICHARDS door hangers, door pulls, door stays, grindstone fixtures, grandstones, post hole augers, window sash pivots, fuse sinks, wire stretchers, adjustable wrenches, wagons, jacks & stake pockets—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDS pulsator coal jigs & slime classifiers—Denver Engineering Works Co., Denver, Colo.
RICHARDS tablet machines—Hess & Barker, 618 Chestnut, Phila., Pa.
RICHARDS testing scales—Delaware Metal Refinery, 18th & Washington av, Phila., Pa.
RICHARDS BOSS barn door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.

RICHARDS-WILCOX automatic fire door fittings, sliding door locks, barn door rollers, foot scrapers & overhead trolleys—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDSON centrifugal metal part dryers—Smith-Richardson Co., Attleboro, Mass.
RICHARDSON emery & corundum wheels—Waltham Pocket Grinding Wheel Co., Waltham, Mass.
RICHARDSON gas producers—Ceramic Supply & Construction Co., Columbus, Ohio
RICHARDSON levels—Goodell-Pratt Co., Greenfield, Mass.
RICHARDSON rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.
RICHARDSON scales counting machines, bag filling machines—Richardson Scale Co., 8 Colfax av, Passaic, N. J.
RICHARDSON steam heaters—Richardson & Boynton, 31 W. 31st, New York
RICHARDSON valves—H. G. Hammett, Troy, N. Y.
RICHARDSON ventilators—New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
RICHARDSON BROS. circular saws—National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
RICHMOND baseball bats—E. C. Brinser & Sons, Richmond, Va.
RICHMOND clothes washing machines—Richmond Cedar Wks., Fulton, Richmond, Va.
RICHMOND drilling machines—Richmond Metal Products Co., 5th & Arch, Richmond, Va.
RICHMOND eave-trough hangers—Eureka Fence Mfg. Co., Richmond, Ind.
RICHMOND fertilizer distributors—Wirts & Hernlen, Augusta, Ga.
RICHMOND lawn mowers—Dille & McGuire Co., Richmond, Ind.
RICHMOND road oil—Standard Oil Co., 200 Bush, San Francisco, Cal.
RICHMOND vacuum cleaners, heaters, radiators—Richmond Radiator Co., 1480 Broadway, New York
RICHMOND woven wire fences—Elliott & Reid Co., Richmond, Ind.
RICHTONE wall finish & paint—Arlington Mfg. Co., Canton, Ohio
RICKETTS garbage disposal plants—Nightingale Co., 103 Park av, New York
RICKETTS illuminated elevator thresholds—Elevator Supplies Co., Hoboken, N. J.
RICO car buffers & street car straps—Railway Improvement Co., 61 B'way, New York
RIDGE'S prepared cereal foods—Ridge's Food Co., 20 Yeoman, Boston, Mass.
RIDGEWOOD rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RIDLON electrical bearings—Frank Ridlon Co., 251 A, Boston, Mass.
RIEK'S Christmas tree holders—Rhinelander Refrigerator Co., Rhinelander, Wis.
RIE NIE air drying enamels, auto dressing, lubricating oils & greases, soaps, tire patches, valve grinding compounds & rubber cement—Durkee-Atwood Co., 40 Wilder, Minneapolis, Minn.
RIES incandescent lamp sockets—W. T. Pringle, Phila., Pa.
RIGGINS hydraulic valves—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
RIGGS improved plows—Thos. Peppler Son & Co., Hightstown, N. J.
RIGHT GASCO gaskets & washers—Gasket Supply Co., 1729 Ludlow, Phila., Pa.
RILEY automobile wind shields—Riley Bros., Bridgeton, N. J.
RILEY stokers—Riley Sanford Stoker Co., Worcester, Mass.
RIMCO pliers & screwdrivers—Rubber Insulated Metals Corp., Plainfield, N. J.
RINEK manila rope—Rinek Cordage Co., Easton, Pa.
RING paper clips—Noesting Pin Ticket Co. Inc., Mt. Vernon, N. Y.
RINGMETER garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
RING-ROLL MILL pulverizing machy. — Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
RINSO soap powder—Lever Bros. Co., Cambridge, Mass.
RIO D'ORO dyewood extracts—Jamaica Dyewood & Chemical Co., 50 Church, New York
RIPLEX steel lumber—Berger Mfg. Co., Dept. H, Canton, Ohio
RIPLEY concrete piles—Monks-Ripley Pile Co., 82 Beaver, New York
RIPLEY grain scoops—Jackson Shovel & Tool Co., Montpelier, Ind.
RIPLEY isinglass—Howe & French Isinglass Co., 110 State, Boston, Mass.
RIPOLIN enamels—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
RIPPER peanut roasters—Bartholomew Co., Peoria, Ill.
RISINGER gas lamps, gas lighting systems—Risinger Bros. Co., East Liverpool, Ohio
RISING CITY yard hydrants—D. A. Hinman & Co., Sandwich, Ill.
RISING SUN packing—Cancos Mfg. Co., Garden & Bridge, Phila., Pa.
RISING SUN radiators—South Park Foundry & Machine Co., St. Paul, Minn.
RITCHIE gas engines—Wogaman Bros. Co., Greenville, Ohio
RITESHAPE wooden dish—Oval Wood Dish Corp., Tupper Lake, N. Y.
RITTENHOUSE conduit benders—A. E. Rittenhouse Co., Honeoye Falls, N. Y.
RITTENHOUSE grass seeders — J. F. Rittenhouse, Liberty Mills, Ind.
RITTER air compressors, laboratory lathes, dental chairs & engines—Ritter Dental Mfg. Co., Rochester, N. Y.
RITZ polishing cloths—John Ritzenthaler, 73 Franklin, New York
RIVAL annunciators—Electric Goods Mfg. Co., Canton, Mass.
RIVAL apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
RIVAL ash sieves—Geo. H. Jelliff & Son, New Canaan, Conn.
RIVAL belt fasteners—Mfrs. Belt Hook Co., 1321 W. Congress, Chicago, Ill.
RIVAL carbon paper, typewriter ribbons—J. A. Heale & Co., 96 John, New York
RIVAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
RIVAL garden cultivators—Brown-Manly Plow Co., Malta, Ohio
RIVAL garden cultivators—Thornburgh Mfg. Co., Bowling Green, Ohio
RIVAL hand carts—La Crosse Plow Co., La Crosse, Wis.
RIVAL hose—Empire Tire & Rubber Corp., Trenton, N. J.
RIVAL peanut roasters—Bartholomew Co., Peoria, Ill.
RIVAL post hole diggers—F. E. Kohler Co., Canton, Ohio
RIVAL spark plugs—Hampshire Mfg. Co., Hatfield, Mass.
RIVAL steel tape—Lufkin Rule Co., Saginaw, Mich.
RIVAL stove pipes—A. Geisel Mfg. Co., 219 S. 2d, St. Louis, Mo.
RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
RIVERSIDE absorbent cotton—Am. Gauze & Cotton Co., Inc., 407 N. 8th, St. Louis, Mo.
RIVERSIDE calcined plaster—Rock Plaster Mfg. Co., 381 4th av, New York
RIVERSIDE cement—Riverside Portland Cement Co., Mills bldg, San Francisco, Cal.
RIVERSIDE stoves & ranges—Rock Island Stove Co., Rock Island, Ill.
RIVETT bench lathes—Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
RIX gear grease—Marshall Oil Co. of Iowa, Marshalltown, Ia.
RIXSON door checks & holders—Oscar C. Rixson Co., 4450 Carroll av, Chicago, Ill.
ROACH rail joints—Reinforced Rail Joint Co., Syndicate Trust bldg, St. Louis, Mo.
ROADOIL road binders & preservatives—Pure Oil Co., Lafayette bldg, Phila., Pa.
ROANOKE clothes washing machines—Altorfer Bros. Co., Peoria, Ill.
ROB flushing valves—McShane Bell Foundry Co., Harford av, Baltimore, Md.
ROBACO steam & hot water heaters—Roberts-Hamilton Co., Minneapolis, Minn.
ROBAL pickled steel strips—National Pressed Steel Co., Massillon, Ohio
ROBB fixture insulating joints—Mitchell Vance Co., 507 W. 24th, New York
ROBB water tube boilers—International Engineering Works, Framingham, Mass.
ROBBINS chain tongs—Rochester Drop Forge Co., Rochester, N. Y.
ROBBINS maple flooring—Robbins Lumber Co., Rhinelander, Wis.
ROBBINS pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROBBINS potato planters—Bateman Mfg. Co., Grenlock, N. J.
ROBERTS alcohol torches—H. C. Roberts Elec. Supply Co., 11th & Race, Phila., Pa.
ROBERTS bolt clippers—Roberts Mfg. Co., Somerville, Mass.
ROBERTS boring machines—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
ROBERTS drink mixers, churns & egg & cream beaters—Roberts Lightning Mixer Co., 39 Pearl, Boston, Mass.
ROBERTS lineman's climbers—Ransome Concrete Machinery Co., Dunellen, N. J.
ROBERTS steam heaters—Freed Heater Co., Collegeville, Pa.
ROBERTSON blow-off valves—Jno. F. Robertson Co., Park bldg, Pittsburgh, Pa.
ROBERTSON car roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
ROBERTSON cinder pit conveyors, pneumatic sand hoists, sand towers—Wm. Robertson & Co., 20 W. Jackson blvd, Chicago, Ill.
ROBERTSON dish washing powder—Thos. B. Robertson Products Co., 700 W. Division, Chicago, Ill.
ROBERTSON steam engine indicators—Jas. L. Robertson & Son, 78 Murray, New York
ROBIN HOOD chloride of lime—F. T. Horton, Hoboken, N. J.
ROBINS belt conveyors & rubber belting—Robins Conveying Belt Co., 13 Park row, New York
ROBINSON folding bath tubs—Davol Rubber Co., 69 Point, Providence, R. I.
ROBINSON tube cleaner—A. W. Chesterton Co., 64 India, Boston, Mass.
ROBINSON vises, scratch awls—M. W. Robinson Co., 296 B'way, New York
ROB ROY belting—B. F. Goodrich Co., Akron, Ohio
ROBSON oven illuminators—Chas. Robson & Co., 8th & Washington av, Phila., Pa.
ROCBOND stucco—Rocbond Co., Wren, Ohio
ROCHESTER apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
ROCHESTER automobile towing ropes—Barker Mfg. Co., Rochester, N. Y.
ROCHESTER helve hammers—West Tire Setter Co., Rochester, N. Y.

ROCHESTER lubricators—Greene, Tweed & Co., 109 Duane, New York
ROCHESTER shaft oilers, oil fuse boxes—Riker Mfg. Co., Rochester, N. Y.
ROCHESTER time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
ROCHESTER washing machines—Rochester Rotary Washer Co., Rochester, N. Y.
ROCH-NO insecticide—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
ROCHOW veneer cutting machines—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
ROCK wall finish & plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ROCK wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
ROCK-A-BYE baby swings & walkers—Perfection Mfg. Co., 2701 N. Leffingwell av, St. Louis, Mo.
ROCKALYTE roofing paints—Continental Paint & Mfg. Co., Cleveland, Ohio
ROCKAWAY pump governors—Kieley & Mueller, 34 W. 13th, New York
ROCKBARNES paper fasteners—Rockwell-Barnes Mfg. Co., 823 S. Wabash av, Chicago, Ill.
ROCKBESTOS insulated wire—Marlin-Rockwell Corp., New Haven, Conn.
ROCKBESTOS wire & yarn—Rockbestos Products Corp., New Haven, Conn.
ROCKDALE pruning shears—Smith, Seymour & Son, Oakville, Conn.
ROCKDALE MILLS stair treads—Woonsocket Mach. & Press Co., Woonsocket, R. I.
ROCKE portable grain elevators—Meadows Mfg. Co., Pontiac, Ill.
ROCK EMERY MILL pulverizing machy.—Sturtevant Mills Co., Clayton & Park, Dorchester, Boston, Mass.
ROCKER maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
ROCKFORD cultivators, fire benders, fire upsetters, gang plows, harrows & pulverizers, sulky plows—Rockford Mfg. Co., Rockford, Ill.
ROCKFORD drawer construction cutters—Redin, Ekstrom & Co., Rockford, Ill.
ROCKFORD drilling machines—Rockford Drilling Machine Co., Rockford, Ill.
ROCKFORD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
ROCKFORD flue stops—Roseland Can & Specialty Co., Rockford, Ill.
ROCKFORD planing machines—Rockford Machine Tool Co., Rockford, Ill.
ROCKFORD planing machines—Jos. T. Ryerson & Son, 910 Corn Exchange bldg & 16th & Rockwell, Chicago, Ill.
ROCKFORD power presses—Rockford Iron Works, Rockford, Ill.
ROCKFORD JR. sulky plows—Rockford Mfg. Co., Rockford, Ill.
ROCKHARD maple flooring—Mitchell Bros. Co., Cadillac, Mich.
ROCK ISLAND anvils & vises—Rock Island Mfg. Co., Rock Island, Ill.
ROCK ISLAND neck yokes, neck yoke centers—National Neck Yoke Co., Rock Island, Ill.
ROCK ISLAND plows, plow coulters, riding listers, corn planting drills—Rock Island Plow Co., Rock Island, Ill.
ROCK RIVER hay carriers—Strickler Hay Tool Co., Janesville, Wis.
ROCK-RUN blast furnaces—Bass Fdry & Machine Co., Rock Run, Ala.
ROCKING fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
ROCKOAK belting—Chas. A. Schieren Co., 30H Ferry New York
ROCKWELL crucible & metal furnaces—W. S. Rockwell Co., 50 Church, New York.
ROCKWELL fuel oil burners, melting & rivet heating furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.
ROCKWELL hardness testing machines—Wilson-Maeulen, 383 Concord av, New York
ROCKWOOD pig iron—Roane Iron Co., Chattanooga, Tenn.
ROCKWOOD pressed steel unions & pipe caps—Rockwood Sprinkler Co., Worcester, Mass.
ROCKWOOD SPRINKLER SYSTEM automatic fire sprinklers—Rockwood Sprinkler Co., Worcester, Mass.
ROCKY MOUNTAIN steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
ROCKY ROLLER children's vehicles—Ames-Van Aken Mfg. Co., Syracuse, N. Y.
ROCO counting machines & revolutionary counters—Chas. J. Root, Bristol, Conn.
ROCO kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.
ROCO oil & water pumps—C. F. Roper & Co., Hopedale, Mass.
ROCOCO lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
RODERICK LEAN agricultural implements—Roderick Lean Mfg. Co., Mansfield, Ohio
RODIUNA storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
RODTITE packing, mfrs. piston & valve rod plungers, pumps, engines, etc.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
ROD-WAY cloth laying machines—Shuttle Machine Co., 18 E. 17th, New York
ROE boiler injectors—Stephens Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
ROE pressed steel manheads—Glasgow Iron Co., Pottstown, Pa.
ROEBLING alligator wrenches, wire lath & rope, wire rope fittings, iron & steel wire, electrical wires & cables—John A. Roebling's Sons, Trenton, N. J.
ROEBLING wire lath—New Jersey Wire Cloth Co., Trenton, N. J.
ROENIUS coal chutes—Grand Rapids Foundry Co., Grand Rapids, Wis.
ROE'S awning fixtures—Roe Justus & Sons, Patchogue, N. Y.
ROFICO innersoling shoe fibre—Rogers Fibre Co., 121 Beach, Boston, Mass.
ROGERS auger handles, mitre planers—Miller's Falls Co., 28 Warren, New York
ROGERS automobile truck trailers—Rogers Bros. Co., Albion, Pa.
ROGERS belt punches—E. C. Atkins & Co., Indianapolis, Ind.
ROGERS carbon paper—Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York
ROGERS carbon removers, carriage top dressing—Detroit White Lead Works, 560 E. Milwaukee, Detroit, Mich.
ROGERS grate bars—Salamander Grate Bar Co., 126 Liberty, New York
ROGERS packing—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
ROGERS saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.
ROGERS tree & bracket insulators—Frank Ridlon Co., 251 A, Boston, Mass.
ROGER WILLIAMS roofing paper—M. N. Cartier & Sons Co., 289 Canal, Providence, R. I.
ROGERS AUTO BRASS SHINE metal polish—Detroit White Lead Wks., 560 E. Milwaukee, Detroit, Mich.
ROHRER'S sash weights—Caldwell & Drake Iron Works, Columbus, Ind.
ROLAMAT wood rolling mats—Keystone Wire Matting Co., Beaver Falls, Pa.
ROLAND WILD calorimeters—Precision Instrument Co., 21 Halsey, Newark, N. J.
ROLINCO core oils—Bayerson Oil Works, Erie, Pa.
ROLL core wash—Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio
ROLLAWAY roller bearings—Railway Roller Bearing Co., Syracuse, N. Y.
ROLLER EXPRESS children's wagons—Ames-Van Aken Mfg. Co. Inc., Syracuse, N. Y.
ROLLERINE roller bearing lubricants—Royersford Fdry. & Mch. Co., Royersford, Pa.
ROLLER-SMITH switches, dynamometers, galvanometers & bridges, ohmeters, wattmeters—Roller Smith Co., 233 B'way, New York
ROLL-E-Z sliding furniture shoes—G. G. G. Metal Stamping Co., Warren, Pa.
ROLLFAST handle bars, roller bearing skates, oil & grease guns—American Skate & Mfg. Co., Reading, Pa.
ROLLINS closet seats—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ROLLINSON transformers—Mohawk Electric Mfg. Co., 15 Kirk pl, Newark, N. J.
ROLLIS combination squares, tool sets, hand vises & tap wrenches—M. W. Robinson Co., 296 B'way, New York
ROLLMAN nut crackers, apple corers & food choppers—Rollman Mfg. Co., Mt. Joy, Pa.
ROLLMAN tobacco transplanters—New Idea Spreader Co., Coldwater, Ohio
ROLLOWAY bicycle motor—Rolloway Co., 1048 Shepard, Toledo, Ohio
ROLLS-ROYCE automobiles—Rolls-Royce of Am., Inc., Page blvd., Springfield, Mass.
ROLLWAY pumps—Michigan Mach. Co., 85 Porter, Detroit, Mich.
ROMAN fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
ROME copper floats—Rome Sanitary Co., Rome, N. Y.
ROME copper tea kettles, wash boilers—Rome Mfg. Co., Rome, N. Y.
ROME metallic berths, bunks, bed spring & folding cots—Southern-Rome Co., 623 W. Pratt, Baltimore, Md.
ROMELINK hammocks—New York Couch Bed Co., Meadow & Anable av, L. I. City, N. Y.
ROMER axes, hatchets, barking spades—Romer Axe Co., Dunkirk, N. Y.
ROME WIRE electrical wires—Rome Wire Co., Rome, N. Y.
ROMEYN bath waste & overflow—A. D. Mfg. Co., 201 Piquette, Detroit, Mich.
ROMORT automatic cleaners, air valves, tire pump connections & engine—Romort Mfg. Co., Dept. H, Main & Hubbard, Oakfield, Wis.
RONBERG concrete shovels—Conneaut Shovel Co., Conneaut, Ohio
RONDO lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
RONEO copying presses, pencil sharpeners & bill files—Roneo Co., 117 Leonard, New York
RONEY mechanical stokers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
RONSON automobile wrenches—Ronson Specialty Co 7 Mulberry, Newark, N. J.
ROOFCOAT roofing coats, fire resisting paints—Jones Paint Co., Rome, N. Y.
ROOF LEAK varnish—Elliott Varnish Co., 1013 S. Kolmar av, Chicago, Ill.
ROOFRITE roofing—Lehon Co., 4451 S. Oakley av, Chicago, Ill.
ROOF TIGHT asbestos liquid roof coating & plastic roof cement—Anlakwa Co., 212 N. Jefferson, Chicago, Ill.
ROOKE car fare registers—Rooke Automatic Register Co., 17 Warren, Providence, R. I.
ROOT corn planters—Weaver & Co., New Oxford, Pa.
ROOT exhaust heads, riveted steel pipe, tubular boilers—Abendroth & Root Mfg. Co., Newburgh, N. Y.
ROOT snow plows—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
ROOT spring scrapers—Root Spring Scraper Co., Kalamazoo, Mich.

ROOT wood boring machines—B. M. Root Co., York, Pa.
ROOT & BARRON roofing cements—J. R. Bostwick & H. J., Clifton Springs, N. Y.
ROOT'S vacuum pumps—P. H. & F. M. Roots, Connersville, Ind.
ROOVERS type, embossing presses—Roovers Bros., 100 Schermerhorn, Brooklyn, N. Y.
ROPER centrifugal separators—American Tool & Machine Co., 10 High, Boston, Mass.
ROPER propeller wheels—C. F. Roper & Co., Hopedale, Mass.
ROPOLEUM rope dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
ROSCO glass desk pads—Ravenswood Office Specialties Co., 1800 Newport av, Chicago, Ill.
ROSE air tire pumps—J. H. Haney & Sons, Omaha, Neb.
ROSE grate bars, shaking grates—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
ROSE sad irons—Rosenbaum Mfg. Co., 33 Bleecker, New York
ROSEALENE polishes, insecticides & disinfectants—Rosealene Products Co., 667 Howard, San Fransisco, Cal.
ROSEDALE screw drivers—Turner & Deegan, Bristol, Conn.
ROSEDALE tin plate—Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
ROSEDORE glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
ROSEMONT mirrors—Fiberloid Corp., Dept. H, Indian Orchard, Mass.
ROSENTHAL corn huskers, ensilage cutters—Rosenthal Corn Husker Co., West Allis, Milwaukee, Wis.
ROSS annunciators—Electric Goods Mfg. Co., Canton, Mass.
ROSS feed & fodder cutters—E. W. Ross Co., Springfield, Ohio
ROSS mine ties—Fairmont Mining Machinery Co., Fairmont, W. Va.
ROSS organ motors—Ross Valve Mfg. Co., Troy, N. Y.
ROSS photographic lenses—Geo. Murphy, Inc., 57 E. 9th, New York
ROSS rotary pumps—Chas. Ross & Son Co., 148 Classon av, Brooklyn, N. Y.
ROSS wheel trueing tool for precision grinding—Ross Mfg. Co., 3160 W. 106th, Cleveland, Ohio
ROSSCO glass desk pads—Ravenswood Office Specialties Co., 1800 Newport av, Chicago, Ill.
ROSSIE iron ore paints—Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
ROSTAND automobile wind shields, book racks, bronze sun dials, colonial candlesticks, cuspidors, door stops, fire-place furnishings—Rostand Mfg. Co., Milford, Conn.
RO-TAP testing sieve shaker—W. S. Tyler Co., Cleveland, Ohio
ROTARY HYDROS bottle soaking machines—Loew Mfg. Co., 9100 Madison av N. W., Cleveland, Ohio
ROTAX grinders valves & soldering flux, paste and salts—Rotax Co., 38 E. 133d, New York.
ROTH blowers—Roth Bros. & Co., 1400 W. Adams, Chicago, Ill.
ROTHENBUCHER reversible pump valves—Coronum Equipment Co., 89 Fulton, New York
ROTHWEILER barrel pumps—Rothweiler & Co., 3301 1st av, S. Seattle, Wash.
ROTHWEILER pipe wrenches—Crescent Forging Co., Oakmont, Pa.
ROTHWEILER truck units—Rothweiler Truck Co., Seattle, Wash.
ROTHWELL continuous thickeners, cyanide plants—Colorado Iron Works Co., Denver, Colo.
ROTO flue & boiler cleaners, air & water motors—Roto Co., Hartford, Conn.
ROTOFILM duplicators—Beck Duplicator Co., 476 B'way, New York
ROTOKOLL telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.
ROTOMETER steam meters—Am. District Steam Co., N. Tonawanda, N. Y.
ROTOPLATER plating machines — Connecticut Dynamo & Motor Co., Irvington, N. J.
ROTURBO centrifugal pumps—Manistee Iron Works Co., Manistee, Mich.
ROUGH RIDER springs—Jackson Cushion Spring Co., Jackson, Mich.
ROUGH & READY screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ROUND oak stoves—P. D. Beckwith, Dowagiac, Mich.
ROUND TRAP laundry cartons—Wayne Paper Goods Co., Fort Wayne, Ind.
ROUSE check valves—Stephens-Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
ROUSE hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
ROVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
ROVER'S egg & cream beaters—G. M. Thurnauer Co., 83 Worth, New York
ROWBOTTOM cam milling machines, presses, grinders—Rowbottom Machine Co., Waterbury, Conn.
ROWBOTTOM YANKEE bench & power presses—Rowbottom Mach. Co., Waterbury, Conn.
ROWE feed water regulators—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
ROWE removable screw & steel toe calks—Rowe Calk & Chain Co., Plantsville, Conn.
ROWELL feed cutters—I. B. Rowell Co., Waukesha, Wis.
ROWELL grain disc drills, seeders & sowers—Tiger Drill Mfg. Co., Beaver Dam, Wis.
ROWLEY fish screens—Burpee & Letson, Bellingham, Wash.

ROXBRO braided & rubber hose, sheet & square pump packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
ROXBURY walking plows—Wm. & Hy. Bronson, Roxbury, Conn.
ROYAL alkali—Royal Chemical Co., Phoenix, R. I.
ROYAL barn door hangers, hay carriers—Louden Machine Co., Fairfield, Ia.
ROYAL belt dressing—Manufacturers' Oil & Grease Co., Century bldg, Cleveland, Ohio
ROYAL belt dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
ROYAL blanket snaps, flexible buckle shields—North & Judd Mfg. Co., New Britain, Conn.
ROYAL butchers' cleavers—John B. Black Co., Chester, Pa.
ROYAL cement—Dixie Portland Cement Co., Chattanooga, Tenn.
ROYAL cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
ROYAL chafing dishes, toilet paper holders—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.
ROYAL cobblers' outfits—Fate-Root-Heath Co., Plymouth, Ohio
ROYAL coffee roasters, meat & food choppers & slicers—A. J. Deer Co., Hornell, N. Y.
ROYAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
ROYAL corn shellers—Appleton Mfg. Co., Batavia, Ill.
ROYAL counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
ROYAL cup grease—Columbia Refining Co., 90 West, New York
ROYAL display racks—Weston Paper & Mfg. Co., Dayton, Ohio
ROYAL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ROYAL fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
ROYAL fire hose racks—Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.
ROYAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
ROYAL flue stops, stove pipe thimbles—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
ROYAL fly traps—Reynolds Wire Co., Dixon, Ill.
ROYAL forge blowers, fire pots, portable forges—Canedy-Otto Mfg. Co., Chicago Heights, Ill.
ROYAL foundry brushes—Worcester Brush & Scraper Co., Worcester, Mass.
ROYAL hanging lamps—Plume & Atwood Mfg. Co., Waterbury, Conn.
ROYAL harness menders—Louis Sacks, Inc., Wilson av, Newark, N. J.
ROYAL hatchets—John B. Black Co., Chester, Pa.
ROYAL hay tedders—Thomas Mfg. Co., Springfield, Ohio
ROYAL hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ROYAL hose connections—Bridgeman Bros. Co., 131 S. 31st, Phila., Pa.
ROYAL hot water radiators—H. B. Smith Co., Westfield, Mass.
ROYAL ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.
ROYAL ironing boards—A. G. Christman Co., Reading, Pa.
ROYAL lamp chimneys—Gill Bros. Co., Steubenville, Ohio
ROYAL lath yarn—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
ROYAL lawn mowers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
ROYAL lawn swings—Challenge Co., Batavia, Ill.
ROYAL liquid soap—Hockwald Chemical Co., 531 Howard, San Fransisco, Cal.
ROYAL lubricating oils & greases—National Oil Co., 17 Battery pl., New York
ROYAL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ROYAL phosphor copper, manganese copper, phosphor tin, silicon copper—R. F. Lang, 8 Bridge, New York
ROYAL marble—Ross & Republic Marble Co., Knoxville, Tenn.
ROYAL packing—Greene, Tweed & Co., 109 Duane, New York
ROYAL pea hullers—Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
ROYAL platers' compounds—Royal Chemical Co., Phenix, R. I.
ROYAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
ROYAL rock crushers, road scrapers, dumping wagons—Smith & Sons Mfg. Co., Kansas City, Mo.
ROYAL roadsters & baking pans—Silver & Co., 304 Hewes, Brooklyn, N. Y.
ROYAL roofing cement—A. Wilhelm Co., Reading, Pa.
ROYAL sad irons—Royal Iron Mfg. Co., Big Prairie, Ohio
ROYAL shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
ROYAL shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
ROYAL sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
ROYAL sisal manila rope—St. Louis, Mo.
ROYAL steam heaters—Hart & Crouse Co., Utica N. Y.
ROYAL steam heaters—Royal Steam Heater Co. Gardner, Mass.
ROYAL steel ranges—Treaty Co., Greenville, Ohio
ROYAL stone clothes washing machines—H. F. Bramer Mfg. Co., Daveport, Ia.
ROYAL stoves—Fox Furnace Co. Elyria, Ohio
ROYAL stoves—Grinberg Bros., 154 South, New York.
ROYAL sulky plows—Racine-Sattley Co., Springfield, Ill.

ROYAL typewriters—Royal Typewriter Co., 364 Broadway, New York
ROYAL vacuum cleaners, electric hair dryers & washing machines—P. A. Geier Co., Cleveland, Ohio
ROYAL valve grinders—Universal Equip. & Supply Co., 107 N. Franklin, Syracuse, N. Y.
ROYAL ventilators, exhaust heads—Royal Ventilator Co., 415 Locust, Philadelphia, Pa.
ROYAL wagon & stock scales—Zimmerman Steel Co., Bettendorf, Iowa
ROYAL window cleaning appliances—Window Cleaners' Improved Belt & Device Co., 62 W. Washington, Chicago, Ill.
ROYAL woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ROYAL woven wire fences & wire fence stretchers—Elliott & Reid Co., Richmond, Ind.
ROYAL ARCHER rubber sheeting—Archer Rubber Co., Milford, Mass.
ROYAL BLUE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
ROYAL CAFE fry pans—Royal Mfg. Co., 406 Commerce, Philadelphia, Pa.
ROYAL DANE milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
ROYAL DE LUXE automobile lamps—Post & Lester, Hartford, Conn.
ROYAL EXTRA belting—Chas. A. Schieren & Co., 30 Ferry, New York
ROYAL FLUSH car fenders & wheel guards—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
ROYAL GEM gasoline lamps—Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.
ROYAL LEADER park sprayers—Field Force Pump Co., Elmira, N. Y.
ROYALUXE enamels—A. Wilhelm Co., Reading, Pa.
ROYAL OAK belting—Smyth-Despard Co., Utica, N. Y.
ROYAL ROCHESTER copper ware—Rochester Stamping Co., Rochester, N. Y.
ROYAL RUSTIC match safes — Royal Mfg. Co., 406 Commerce, Phila., Pa.
ROYAL TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
ROYAL-WHITE sheet packing—W. H. Salisbury & Co., 308 N. Madison, Chicago, Ill.
ROYAL WORCESTER belt lacing, belt cements & dressing—Graton & Knight Mfg. Co., Worcester, Mass.
ROYAL WORCESTER enameled blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
ROYAL WORCESTER lubricating oils & greases—White & Bagley Co., Worcester, Mass.
ROYAL WORCESTER track brooms & brushes—Worcester Brush & Scraper Co., Worcester, Mass.
ROYAL ZEST food colors, dyes & dyestuffs—B. Heller & Co., 3925 Calumet av, Chicago, Ill.
ROYDEN marble polishing rings, carborundum tooth saws—Royden Marble Machinery Co., 137 E. 25th, New York
RUB & KURRY horse brushes—Standard Brush Co., Hartford, Conn.
RUBMER collars & cuffs—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
RUBBER BACK backing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
RUBBER BONE whips—Featherbone Whip Co., Westfield, Mass.
RUBBERBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
RUBBER CORK washers—Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
RUBBERGLASS translucent fabrics, cornices & skylights—Angier Mills, Ashland, Mass.
RUBBERHIDE boots & shoes—Rubberhide Co., 212 Essex, Boston, Mass.
RUBBER ITE belting & hose—McIlroy Belting & Hose Co., Hammond, Ind.
RUBBEROID handle screw drivers—Vichek Tool Co., 8701 Mt. Auburn av, Cleveland, Ohio
RU-BER-OID car roofing, motor cloth, asphalt shingles, cements, paints & sanitary flooring—Standard Point Co., 95 Madison av, New York
RUBBEROILEUM linoleum—Ringwalt Linoleum Works, New Brunswick, N. J.
RUBBERSET brushes—Rubberset Co., 56 Ferry, Newark, N. J.
RUBBESTOS rubber heels & rubber soles—Atlantic Mfg. Co., Wilmington, Del.
RUBDRY cotton towels—Rubdry Towel Co., Providence, R. I.
RUBES automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
RUBISPIERRE'S patent leader heads—Greason Mfg. Co., 108 W. 99th, New York
RUBLITE waxed dust mops & dustless dust cloths—Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
RUBOIL belting—Ruboil Belting Co., 41 N. 10th, Phila., Pa.
RUB ON PAINT—J. G. Hetzel (Est. of), 67 Main, Newark, N. J.
RUBRA boiler oils—Talmage Mfg. Co., 1279 W. 3rd, Cleveland, Ohio
RUBRISTO set-in-rubber brushes—Hanlon & Goodman Co., 270 Pearl, New York
RUBRO rubber hose— Pioneer Rubber Mills, San Fransisco, Cal.
RUBY lantern globes—Crescent Glass Co., Wellsburg, W. Va
RUBY lubricating oils & greases—J. D. Street & Co., 41st & Park, St. Louis, Mo.
RUBY packing—New York Belting & Packing Co., 91 Chambers, New York
RUBY rubber hose—National India Rubber Co., Bristol, R. I.
RUBY shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
RUBY soldering fluid—Ruby Chemical Co., Columbus, Ohio
RUBY-RUB metal polish—Hinds & Coon, 126 Pearl, Boston, Mass.
RUD farm wagons—C. O. Rud, Lansing Ia.
RUDE grain drills—Rude Mfg. Co., Liberty, Ind.
RUDE-NORTHWESTERN grain drills—Rude Mfg. Co., Liberty, Ind.
RUDGE WHITWORTH wire wheels—Standard Roller Bearing Co., 50th & Lancaster av, Phila., Pa.
RUDIGER automatic hose cleaners—Consolidated Mfg. Co., 54 Belmont av, Newark, N. J.
RUDOLPHI & KRUMMEL crimping & beading machines, ring forming machines, spring coiling machines, screw cap rolling machines, power presses—American Can Co., 104 S. Michigan, Chicago, Ill.
RUDOLPHI & KRUMMEL crimping & beading machines, ring forming machines, presses, etc.—Metal Package Corp. of New York, 509 5th, New York.
RUFF simplex pasteurizing machines—A. Magnus Sons Co., 327 W. Randolph, Chicago, Ill.
RUFUS spring tooth harrows—Brinly Hardy Co., Louisville, Ky.
RUGBY lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
RUGG snow shovels—Rugg Mfg. Co., Greenfield, Mass.
RUGGLES boiler flue & tube cleaners—Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.
RUGGLES stone sawing machines, slate drilling & countersinking machines, wire rope tramways—Ruggles Machine Co., Poultney, Vt.
RUHRAL suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
RUMELY gang plows, grain graders & weighers, clod crushers, clover hullers, steam & traction engines—Leo Rumely Tractor Co., La Porte, Ind.
RUMELY IDEAL grain & rice separators—Leo Rumely Tractor Co., La Porte, Ind.
RUMELY RUTH self feeders & band cutters—Advance-Rumely Thresher Co., Inc., Laporte, Ind.
RUNDLE-SPENCE drinking fountains — Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
RUNDLE'S powder thawers—A. J. Rundle, Iron Mountain, Mich.
RUN EASY door hangers—E. E. Souther Iron Co., Klenlin & Hamburger, St. Louis, Mo.
RUN RITE—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio
RUNWELL lubricating oils & greases—G. C. Woolley Co., 502 E. 20th, New York.
RURAL garden cultivators—Empire Plow Co., 3140 E. 65th, Cleveland, Ohio
RURAL sight feed lubricators—Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
RUSCO asbestos brake linings, automobile belts—Russell Mfg. Co., Middletown, Conn.
RUSDEN steaming machines—Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
RUSH-E-RASER ink brush erasers—Rush Eraser Co., Syracuse, N. Y.
RUSHFORD farm wagons—Winona Wagon Co., Winona, Minn.
RUSHTON-CARROLL stock conveyors, & under grid cord attachments—Rushton-Carroll Co., 34 Tudor, Cambridge, Mass.
RUS-PRUF road culverts—Butler Mfg. Co., Kansas City, Mo.
RUSSELL electric lamp sockets & receptacles—E. H. Freeman Electric Co., Trenton, N. J.
RUSSELL hand power presses—Ripley Foundry & Machine Co., Ripley, Ohio
RUSSELL horse nails—Standard Horse Nail Co., New Brighton, Pa.
RUSSELL hot water generators, live steam separators, steam heaters, steam engines—Griscom-Russell Co., Chicago, Ill.
RUSSELL plunger pumps—Thos. Laughlin Co., Portland, Me.
RUSSELL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
RUSSELL sidewalk snow plows, graders & ditchers—Russell Grader Mfg. Co., 2005 University av, S. E., Minneapolis, Minn.
RUSSELL straw stackers—Buffalo Pitts Co., Buffalo, N. Y.
RUSSELL taps, drills & reamers—Russell Mfg. Co., Greenfield, Mass.
RUSSELL traction engines, thresher cylinder wrenches—Russell & Co., Massillon, Ohio
RUSSELL-HAMMER automobile horns—Russell Electric Co., Danbury, Conn.
RUSSETINE shoe blacking & polishes—World Polish Mfg. Co., York, Pa.
RUSSO packing—A. W. Chesterton Co., 64 India Boston, Mass.
RUSSWIN door checks, door stops, meat & food choppers, panic-exit door bolts, spring hinges—Russell & Erwin Mfg. Co., New Britain, Conn.
RUST clay mixers—Marion Machine, Foundry & Supply Co., Marion, Ind.
RUST water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
RUSTLER potato diggers—Racine-Sattley Co., Springfield, Ill.
RUSTLESS aluminum rules—Rustless Rule Co., Inc., Lafayette & Niagara, Buffalo, N. Y.
RUSTLESS padlocks—Slaymaker Lock Co., Lancaster, Pa.
RUSTNOUGHT coating paints—Billings, Chapin Co., 1163 E. 40th, Cleveland, Ohio
RUST RESISTING PORTSMOUTH IRON conductor pipe—Whitaker-Glessner Co., Wheeling, W. Va.
RUTENBER electric ranges—Rutenber Electric Co., Marion, Ind.

RUTENBER gasoline engines—Rutenber Motor Co., Marion, Ind.
RUTH self-feeders & band cutters for threshers—Maytag Co., Newton, Ia.
RUTLAND fire brick, fire clay, furnace cements, marble dust, plastic stove linings, powdered soapstone, wood fibre plaster—Rutland Fire Clay Co., 550 W. 12th, Chicago, Ill.
RUTTY wall plugs—J. B. Prescott & Son, Webster, Mass.
RUUD thermal gas heaters—Ruud Mfg. Co., 29th & Smallman, Pittsburgh, Pa.
RYAN box hinges—M. C. Ryan Co., Phoenix, N. Y.
RYAN park sprinklers—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
RYAN'S ball cocks—Exeter Brass Works, Exeter, N. H.
RYNER grate bars—Salamander Grate Bar Co., 126 Liberty, New York
RYDER meter boxes—Clarksville Foundry & Machine Works, Clarksville, Tenn.
RYERSON fire hose reels—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
RYERSON high speed twist drills & friction saws—Jos. T. Ryerson & Son, 910 Corn Exchange bldg & 16th & Rockwell, Chicago, Ill.
RYHMCO trolley switches—Railway Materials Co., Railway Exch. bldg, Chicago, Ill.
S. adjustable wrenches, pincers, linemen's climbers—H. D. Smith & Co., Plantsville, Conn.
S. bath & basin traps—Ireland & Matthews Mfg. Co., Beard & Chatfield, Detroit, Mich.
S combination wrenches—Jno. Stortz & Son, 210 Vine, Phila., Pa.
S pipe wrenches—Bonney Forge & Tool Works, Allentown, Pa.
S wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
S-A conveyors, car pullers, friction clutches, mining & revolving screens—Stephens-Adamson Mfg. Co., Aurora, Ill.
S. A. E. cap screws—Detroit Screw Works, 348 Franklin, Detroit, Mich.
S. B. B. UNIVERSAL malt mills—H. H. Freund, 7 W 45th, New York
S. B. & B. mash filters—H. H. Freund, 7 W 45th, New York
S-C magnet wire—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
S-C pump governors, continuous feed water regulators, balanced float valves, relief valves, gauge & valveless cocks—"S-C" Regulator Mfg. Co., Fostoria, Ohio
S.-C.-H. furnaces—Strong, Carlisle & Hammond Co., 336 Frankford av, N. W., Cleveland, Ohio
S. C. S. luggage automobile trunks—S. C. Simon & Co., 404 Brown, Phila., Pa.
S. H. electric desk lights—Stuart-Howland Co., 234 Congress, Boston, Mass.
S. HALLEY & SON card clothing—Speed & Stephenson, 170 Summer, Boston, Mass.
S. K. F. self-aligning ball bearing shaft hangers, ball annular, electrical motors & thrust bearings—S. K. F. Ball Bearing Co., Hartford, Conn.
S-M watertight lamp guards—Seidler-Miner Elec. Co., 36 E. Larned, Detroit, Mich.
S. M. B. manganese bronze ingots—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
S. M. C. automatic cylinder valves, perpetual rope packing—Specialty Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.
S. M. C. brake lining—Staybestos Mfg. Co., 5534 Lena, Phila., Pa.
S. M. S. roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.
S-N family cleavers—Stephen Richard Co., Southbridge, Mass.
S. P. C. slate shingles & compounds—Standard Paint Co., 233 Broadway, New York
S. P. F. wood preservatives—S. P. F. Wood Preserving Co., Inc., 76 Wall, New York & 78 Beverely, Boston, Mass.
S. P. V. W. paint & varnish—Southern Paint & Varnish Works, Atlanta, Ga.
S. R. knives—Stephen Richard Co., Southbridge, Mass.
S. R. B. ball bearings—Standard Steel & Bearings, Inc., 50th & Lancaster av, Phila., Pa.
S. R. O. ball bearings—Marburg Bros., 90 West, New York
S. R. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.
S. S. babbitt metal—William A. Hardy & Sons Co., 113 Water, Fitchburg, Mass.
S. S. LINE concrete mixers—Cement Tile Machinery Co., Waterloo, Ia.
S. S. S. drag road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
S. S. S. hose nozzles—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
S. S. S. packing—Crandall Packing Co., Palmyra, N. Y.
S. S. & S. magnetic separators, ore concentrators, ore dryers—Sutton, Steel & Steel, Dallas, Texas.
S. T. D. ratchet drills—Lowell Wrench Co., Worcester, Mass.
S. V. TUCK shoe knives—Tuck Mfg. Co., Brockton, Mass.
S.-W. storage battery enamels—Sherwin-Williams Co., Cleveland, Ohio
S. & B. dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
S. & B. metal polish—Uno Mfg. Co., 6433 E. Ravenswood pk, Chicago, Ill.
S. & B. post hole augers—Eureka Fence Mfg. Co., Richmond, Ind.
S. & C. high tension air brake & pole top switches—Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
S. & CO. saw sets—Sargent & Co., New Haven, Conn.
S. & E. M. CO. belt punches—Smith & Egge Mfg. Co., Bridgeport, Conn.
S. & H. concrete finishing tools—Holtum Mfg. Co., Freeport, Ill.
S. & K. heaters, distilling apparatus, oil coolers, evaporators—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
S. & M. automobile headlights & searchlights—S. & M. Lamp Co., 118 W. 36th, Los Angeles, Cal.
S. & O. motor driven erasers—Schunck, Ogg, 235 Canal, New York
S. & P. burglar alarms—Stanley & Patterson, 23 Murray, New York
S. & S. belt dressing—Staplin & Smith Co., 350 W. Austin, Chicago, Ill.
S. & S. cesspools—Storch & Scheid, 1102 Wolf, Phila., Pa.
S. & S. gasoline engines & revolving screens—Cement Tile Machinery Co., Waterloo, Ia.
SAAL spring motors, auto carbon lights & humidifiers & carborator diaphragm—H. G. Saal Co., 1800 Montrose, Chicago, Ill.
SABLE harness leather—Shultz Belting Co., Fourth & Barton, St. Louis, Mo.
SABLE packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
SACA lamp cord adjusters—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
SACHEM belting—Ulmer Leather Co., Norwich, Conn.
SACHEM oil cups—Swift Lubricator Co., Elmira, N. Y.
SACKETTS plaster boards—Fowler & Pay, Mankato, Minn.
SACKETT plaster boards—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
SACO semaphore signal blades—Signal Accessories Corp., Utica, N. Y.
SACO corks—Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.
SACO steel spring cotters—E. P. Smith & Co., Sharon Hills, Pa.
SACONY oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
SAFE computing cheese cutters—Computing Cheese Cutter Co., Anderson, Ind.
SAFEDGE safety razors—Safedge Co., Geneva, N. Y.
SAFEDUCT flexible metalic conduits—Saylor Electric & Mfg. Co., 115 S. Main, Pittsburgh, Pa.
SAFE GUARD automobile tire locks—Sargent & Greenleaf, Inc., Rochester, N. Y.
SAFE-GUARD check writers—Safe-Guard Check Writer Co., Inc., 5 Beekman, New York
SAFE GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
SAFEKOTE roofing felts & paper & asphalt shingles & roofing—Safepack Mills, 727 Atlantic av, Boston, Mass.
SAFE LION ensilage cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
SAFE LOAD malleable iron seamless steel shells—Parish Supply & Mfg. Co., 2868 Quinn, Chicago, Ill.
SAFEPACK cloth lined & water proof paper—Safepack Mills, 727 Atlantic av, Boston, Mass.
SAFETEE non-shatterable glass—Safetee Glass Co., Dept. H, Broad & Wood, Phila., Pa.
SAFETY asphalt roofing—National Roofing Co., Tonawanda, N. Y.
SAFETY burners—Wheeling Stamping Co., Wheeling, W. Va.
SAFETY car pullers—Link-Belt Co., 329 W. 39th, Chicago, Ill.
SAFETY door hangers—Safety Door Hanger Co., Ashland, Ohio
SAFETY door & window bolts—H. E. Clark & Bros., Rochester, N. Y.
SAFETY drill holders—Beaman & Smith Co., Providence, R. I.
SAFETY electric car brakes—Lord Mfg. Co., 105 W. 40th, New York
SAFETY extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
SAFETY fountain pens—Caw's Pen & Ink Co., 78 Reade, New York
SAFETY garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
SAFETY meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio
SAFETY neck yoke centers—E. B. Adams & Son, Racine, Wis
SAFETY non-explosive cans. Non-Explosive Can Co., 127 S. Green, Chicago, Ill.
SAFETY packing—Crandall Packing Co., Palmyra, N. Y.
SAFETY packing—Steel Mill Packing Co., 240 W. Jefferson, Detroit, Mich.
SAFETY refuse burners—W. J. Clark Co., Salem, Ohio
SAFETY steering sleds—Safety Sled Co., Mt. Jewett, Pa.
SAFETY strain insulators—Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
SAFETY tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.
SAFETY trench braces—Waldo Bros. & Bond Co., 181 Congress, Boston, Mass.
SAFETY CHECK dumb waiters—Wm. T. King, 453 Broadway, Brooklyn, N. Y.
SAFETY CHECK paper—Geo. La Monte & Son, 61 Broadway, New York.
SAFETY FIRST fire extinguishers—Harker Mfg. Co., 121-123 W. Third, Cincinnati, Ohio
SAFETY FIRST machine guards—Orr Mach. Guarding Co., Trenton, N. J.
SAFETY FIRST rubber gloves—M. W. Dunton Co., 150 Niagara, Providence, R. I.

SAFETY-FIRST wind shield cleaner—Jubilee Mfg. Co., Omaha, Nebr.
SAFETY FROST harmless chemical preparations for coloring incandescent lamps—Arts Electrical Co., Troy, N. Y.
SAFETY TREAD rubber heels—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
SAFETY TRIUMPH hypodermic syringes—Randall-Faichney Co., Boston, Mass.
SAFE T SEAL mailing envelopes—Alvah Bushnell Co., 925 Filbert, Phila., Pa.
SAFSHIFT belt shifters—Artisan Mfg. Co., Lockland, Ohio
SAGAMORE belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
SAGAMORE rubber hose—National India Rubber Co., Bristol, R. I.
SAGENDOFF metallic shingles—Penn Metal Co., 65 Franklin, Boston, Mass.
SAGER axes—Warren Axe & Tool Co., Warren, Pa.
SAGINAW maple flooring—S. L. Eastman Flooring Co., Saginaw, Mich.
SAGINAW silos—McClure Co., Saginaw, Mich.
SAGINAW wood faucets—Automatic Faucet & Spigot Co., Saginaw, Mich.
SAHARA canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
ST. CLAIR fish spears—Bonafide Mfg. Co., Plymouth, Mich.
ST. CLAIR gas ranges—Belleville Stove & Range Co., Belleville, Ill.
ST. CRISPEN horse rasps—Stokes Bros. Mfg. Co., Freehold, N. J.
ST. JOE fly swatters—David Carswell, St. Joseph, Mo.
ST. JOE riding listers—St. Joseph Plow Co., St. Joseph, Mo.
ST. JOHN gas meters, steam meters—G. C. St. John, 280 Madison av, New York
ST. JOHN packing—Hartford Engine Works, Hartford, Conn.
ST. JOHN packing—H. B. Underwood Corp., 1025 Hamilton, Phila., Pa.
ST. JOHN steam meters—American District Steam Co., No. Tonowanda, N. Y.
ST. LAWRENCE reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
ST. LOUIS boll extractors—Alsop Process Co., St. Louis, Mo.
ST. LOUIS car bells & gongs, side bearings—St. Louis Car Co., 8000 N. Broadway, St. Louis, Mo.
ST. LOUIS car doors & fittings—Western Railway Equipment Co., Central Nat'l. Bk. bldg, St. Louis, Mo.
ST. LOUIS gate latches—Wrightsville Hardware Co., Wrightsville, Pa.
ST. LOUIS hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
ST. LOUIS shoe lasts—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
ST. PAUL traction engines—St. Paul Machinery Mfg. Co., Como & Marion, St. Paul, Minn.
ST. PAUL ventilators—St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
SALA-BLE inner tube bags—Sala Co., Canton, Ohio
SALAMANDA packing—New York Belting & Packing Co., 91 Chambers, New York
SALAMANDER grate bars—Salamander Grate Bar Co., 126 Liberty, New York
SALAMANDER insulated wire—Independent Lamp & Wire Co., 1733 Broadway, New York
SALAMANDER packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
SALAMANDER steel rolling doors.—J. G. Wilson Corp'n., The, 8 W. 40th, New York
SALEM belting—Mercer Rubber Co., Hamilton, N. J.
SALEM elevator & conveyor buckets—W. J. Clark Co., Salem, Ohio
SALEM elevator & conveyor buckets—Geo. W. Lorenz Co., 2144 W Fulton, Chicago, Ill.
SALEM miners' coal augers—Salem Tool Co., Salem, Ohio
SALEM traps—Jos. H. Young Co., 82 High, Boston, Mass.
SALEM pantry trays—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
SALINA fire brick—Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
SALISBURY gas engines & transmission gears—Buffalo Engine Co., Buffalo, N. Y.
SALISBURY paper fasteners—Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
SALISBURY sheet packing—W. W. Salisbury & Co., 308 N. Madison, Chicago, Ill.
SAL-MO asphalt shingles—Sall Mountain Co., 305 S. La Salle, Chicago, Ill.
SALOME chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SALVAGE fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
SALZ clutch pencils & powdered inks—Salz Bros., 71H W 35th, New York
SAMMON dry batteries—Electric Goods Mfg. Co., Canton, Mass.
SAMOLINE paint cleaner—Samoline Corp., Inc., 2134 N. Clark, Chicago, Ill.
SAMPSON box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
SAMPSON extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
SAMPSON harness snaps & smoke stack lining—Sargent & Co., New Haven, Conn.
SAMPSON iron stove pipe—Crunden Martin Mfg. Co. —2nd & Gratiot, St. Louis, Mo.
SAMPSON sash locks—Ellis Mfg. Co., Millidale, Conn.
SAMPSON screen door hinges—Champion Hardware Co., Geneva, Ohio
SAMPSON shoveling & end gate boards—Nagley Mfg. Co., Lyons, N. Y.
SAMPSON waste baling presses—Ripley Foundry & Machine Co., Ripley, Ohio
SAMPSON wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
SAMPSTONE flushing valves—Sampstone Mfg. Co., 1607 Prairie av, Chicago, Ill.
SAMSCO centrifugal pumps & artesian well cylinders —San Antonio Machine & Supply Co., Dept. A, San Antonio, Tex.
SAMSON automobile horns, telephones & apparatus—American Electric Co., 6401 S. State Chicago Ill.
SAMSON automobile truck trailers—Samson Trailer Works, Grand Rapids, Mich.
SAMSON back band buckles—Stanley Works, New Britain, Conn.
SAMSON back book sewing machines—Samson Back Book Machine Co., Reading, Pa.
SAMSON batteries—Electric Goods Mfg. Co., Canton, Mass.
SAMSON belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
SAMSON centrifugal pumps—Samson Iron Works, Stockton, Cal.
SAMSON chains—Chain Products Co., 3924 Cooper av, N. E., Cleveland, Ohio
SAMSON closet seats—Van Arnam Mfg. Co., Ft. Wayne, Ind.
SAMSON concrete building block machinery, fire hose shut off—D. G. Rowell, Appleton, Wis.
SAMSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SAMSON fly swatter—Lubbens & Bell Mfg. Co., Clinton, Iowa
SAMSON hay carriers—Appleton Hay Tool Co., Appleton, Wis.
SAMSON hoists—English Iron Works Co., Kansas City, Mo.
SAMSON hoof parers—Leavitt Mfg. Co., Urbana, Ill.
SAMSON horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
SAMSON insulating compounds & splicing gum—Consumers Rubber Co., 829 Superior av, Cleveland, Ohio
SAMSON jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
SAMSON oil & grease cups—Peneberthy Injector Co.,
SAMSON packing, rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
SAMSON padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.
SAMSON plaster—American Cement Plaster Co., Lawrence, Kan.
SAMSON porch columns—Washington Mfg. Co., Tacoma, Wash.
SAMSON rail benders—Q. & C. Co., 90 West, New York
SAMSON rock crushers—Samson Mfg. Co., Denver, Colo.
SAMSON saw sets, post hole diggers—Hy. Disston & Sons, Tacony, Phila., Pa.
SAMSON screw drivers—Union Hardware Co., Torrington, Conn.
SAMSON screw drivers, screw driver bits—Sawyer Tool Mfg. Co., Ashburnham, Mass.
SAMSON SPOT sash cords—Samson Cordage Works, 88 Broad, Boston, Mass.
SAMSON sweep horse powers—Sandwich Mfg. Co., Sandwich, Ill.
SAMSON tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
SAMSON tack claws & pullers—Rocky Hill Hardware Co., Rocky Hill, Conn.
SAMSON tank sprayer—Deming Co., Salem, Ohio
SAMSON tinners' snips & screw rods—Peck, Stow & Wilcox Co., Southington, Conn.
SAMSON toggles—U. S. Expansion Bolt Co., 25 Elm, New York
SAMSON tube brushes—Albert E. Rinn, Allentown, Pa.
SAMSON turbine water wheels—Jas. Leffel & Co., East St., Springfield, Ohio
SAMSON wagon jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
SAMSON windmills—Portable Elevator Mfg. Co., Bloomington Ill.
SAMSON windmills—Stover Mfg. & Engine Co., Freeport, Ill.
SAMSON wire stretchers—Keystone Steel & Wire Co., Peoria, Ill.
SAMSON ELASTIC roofing paper—Keystone Roofing Mfg. Co., York, Pa.
SANALOID paints—B. Binswanger & Co, 329 N. 3rd, Phila., Pa.
SAN ANTONIO cement—San Antonio Portland Cement Co., San Antonio, Texas.
SANASEP paper cups—Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
SANBORN book backing machines—Latham Machinery Co., 306 S. Canal, Chicago, Ill.
SANBORN steam heaters—Sanborn Furnace Co., Methuen, Mass.
SANCHO oil cups—Swift Lubricator Co., Elmira, N. Y.
SANCO rubber hose—Republic Rubber Co., Youngstown, Ohio
SANCO steam & hot water heaters—Samuel Sloan & Co., Rochester, N. Y.
SANCOTA wall finish—F. O. Pierce Co., 10 E. 43d, New York
SANDAGE steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
SANDAGE steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
SANDERS floor thimbles—American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
SANDERS plows—Sanders Newell Plow Co., Chattanooga, Tenn.

SANDERSON lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
SANDOVAL plow coulters—Galesburg Coulter Disc Co., Galesburg, Ill.
SANDOW belting mfrs., rubber hose, rubber packing —Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
SANDOW oil engines—Wadsworth Mfg. Co., Kercheval & Connors Creek, Detroit, Mich.
SANDS lavatories—A. B. Sands & Son Co., 22 Vesey, New York
SANDS oilers—Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.
SANDS water coil gas heater—Sands Mfg. Co., 5407H Sweeney av, Cleveland, Ohio.
SANDUSKY clothes washing machines—One Minute Washer Co., Sandusky, Ohio
SANDUSKY tractors—Dauch Mfg. Co., Sandusky, O.
SANDVIKEN Swedish steel—J. Wilckes Co., 135 William, New York
"SANDWICH" diaphragm pumping outfits—D. A. Hinman & Co., Sandwich, Ill.
SANDWICH hand carts, portable grain elevators—Sandwich Mfg. Co., Sandwich, Ill.
SANDWICH ISLAND hoes—American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
SANETO closets—Crane Co., 836 S Michigan av, Chicago, Ill.
SANFORD logging tools—American Logging Tool Co., Evart, Mich.
SANFORD machinists' vises, milling machines & surface guards. F. C. Sanford Mrg. Co., Brodgeport, Conn.
SANFORD paste—Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
SANGAMO ampere hour meters—Sangamo Electric Co., Springfield, Ill.
SANGAMO cultivators—Racine-Sattley Co., Springfield, Ill.
SANI-CAN hospital & dental furniture & ash cans—Phoenix Metal Stamping Co., 2827H W Fletcher, Phila., Pa.
SANGUEN closets—Crane Co., 836 S Michigan av, Chicago, Ill.
SANICAP fruit jar caps—American Can Co., 120 Broadway, New York.
SANI-FLAT oil paints—Benj. Moore & Co., 231 Front, Brooklyn, N. Y.
SANIGLAS goggles & eye protectors—Julius King Optical Co., 10 Maiden Lane, New York
SANI-PAPER towels—Wayne Paper Goods Co., Ft. Wayne, Ind.
SANISTEEL closet seats, medicine cabinets, water closet tanks—Sanisteel Co., 1200 Niagara, Buffalo, N. Y.
SANITANT disinfectants—Fort Pitt Chemical Co., 3134 Penn av, Pittsburgh, Pa.
SANITARE kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
SANITARY absorbent cotton—Maplewood Mills, Fall River, Mass.
SANITARY barbers' hair clippers—Coates Clipper Mfg. Co., Worcester, Mass.
SANITARY door mats—Sanitary Wire Door Mat Co., 143 S. Lincoln, Chicago, Ill.
SANITARY ice cream & milk cans—Davis-Watkins Dairymen's Mfg. Co., Jersey City, N. J.
SANITAS closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
SANITAS drinking fountains, bidets, hydrants, traps, valves—Sanitas Mfg. Co., 105 Washingtton, Boston, Mass.
SANITAS sanitary flooring—Marbleoid Co., 47 W. 34th, New York
SANITAS wall coverings—Standard Oil Cloth Co., 320 Broadway, New York
SANITEX spring hinges, closet seat—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
SANITOR kitchen tables—Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
SANITREAD safety stair treads—Concrete Steel Co., 42 Broadway, New York
SAN-O-LA bath room fixtures & furnishings—Art Brass Co., 299 E. 134th, New York
SANOS sewer gas traps—Jenkins Mfg. Co., Bloomfield, N. J.
SANSEALO back water traps, floor drains—Crampton-Farley Brass Co., Kansas City, Mo.
SANSON car movers—Marseilles Wks. of Deere & Co., East Moline, Ill.
SANTA CLARA defecators—Blymyer Iron Works Co., Cincinnati, Ohio
SANTA CRUZ cement—Santa Cruz Portland Cement Co., Crocker bldg., San Francisco, Cal.
SANTO urinals—Crane Co., 836 S. Michigan av, Chicago, Ill.
SANTO vacuum cleaners—Santo Vacuum Cleaner Co., 1304 Diamond, Phila., Pa.
SANWALL closets—Crane Co., 836 S Michigan av, Chicago, Ill.
SAPOLIN enamels, paints, varnishes, furniture polish & wood stains—Gerstendorfer Bros., 221 E. 42nd, New York.
SAPOLIO soap & cleaning powder—Enoch Morgan's Sons Co., 439 West, New York
SAPPHIRE wire drawing dies—John Wennstrom's Sons Co., Suffern, N. Y.
SARANAC corrugated joint fastener driving machines —Saranac Machine Co., Benton Harbor, Mich.
SARANAC rubber hose—National India Rubber Co., Bristol, R. I.
SARCO asphalt, asphalt fillers, asphalt pipe dip, insulating compounds, mineral rubber, road binders & preservatives—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
SARCO combustion recorders, steam & radiator traps & heat regulators—Sarco Co., Inc., 8 Park pl., New York
SARGENT car replacers—Sargent Co., 625 W. Jackson blvd, Chicago, Ill.
SARGENT door checks, hollow handle tool sets, saw vises—Sargent & Co., New Haven, Conn.
SARGENT steam engines—Providence Engineering Corp., 521 S. Main, Providence, R. I.
SARGENT steam meters—Sargent Steam Meter Co., 820H S Tripp av, Chicago, Ill.
SARGENT tile ditcher—Sargent Tile Ditcher Co., Ft. Dodge, Ia.
SARJENT garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
SASGEN derricks, stone grab hooks, stone handling tongs, traveling cranes, winches—Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
SATAN magnetos—Sumter Electrical Wks., Sumter, S. C.
SATIN toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio
SATIN FINISH flat wall paint—Enterprise Paint Mfg. Co., 333 So Peoria, Chicago, Ill.
SATIN SPAR finishing plaster—American Cement Plaster Co., Lawrence, Kans.
SATINETTE enamels—Standard Varnish Works, 90 West, New York
SATINOLA tan shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SATTLEY cultivators, corn planters, plows, equalizers, fertilizer attachments—Racine-Sattley Co., Springfield, Ill.
SATURN oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SATURN padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.
SAUERMAN dragline cableway excavators — Sauerman Bros., 1138 Monadnock Blk., Chicago, Ill.
SAUNDERS PATTERN pipe cutters—Collmer Bros., S. Bend, Ind.
SAUNDERS PATTERN pipe cutters—Oswego Tool Co., Oswego, N. Y.
SAUNDERS pneumatic lifts, return air pumps—Ingersoll-Rand Co., 11 Broadway, New York
SAURER motor fire engines—International Motor Co., 2621 64th, New York
SAUVEUR microscopes—Sauveur & Boylston, Cambridge, Mass.
SAVAGE padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
SAVAGE rubber tires—Savage Tire Co., San Diego, Cal.
SAVE-A-COAT wood fillers—Richmond Bros., 616 Main, Cincinnati, Ohio
SAVAGRAN car cleaning compounds & soap powder—India Alkali Works, 28 India Wharf, Boston, Mass.
SAVORY bread boxes & cutlery, roasters, baking pans & steam cookers—Republic Metalware Co., Buffalo, N. Y.
SAVOY lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
SAWILCO belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.
SAWILCO belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
SAWYER belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
SAWYER leather measuring machines—Turner Tanning Machinery Co., Peabody, Mass.
SAWYER-FULFORD bag filling machines, revolving scales—W. H. Sawyer & Sons, Americus, Ga.
SAWYER'S leather measuring machines—G. W. Baker Machine Co., Wilmington, Del.
SAWYER'S metal polish—Howard B. Sawyer Oil Co., 65 Long Wharf, Boston, Mass.
SAXOLIN paper cement bags—Cleveland Akron Bag Co., Cleveland, Ohio
SAXON automobile horns—Russell Electric Co., Danbury, Conn.
SAXON post binders—National Blank Book Co., Holyoke, Mass.
SAXON rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
SAXON wrenches—Kilburn & Bishop Co., 194 Chapel, New Haven, Conn.
SAXTON'S horse shoes—Fibre Cushion Horse Shoe Co., 88 New Chambers, New York
SAYBOLT viscosimeters—Chas. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
SAYBROOK spray pumps—W. & B. Douglas, Middletown, Conn.
SAYER butchers' show cases—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
SAYLOR cement—Coplay Cement Mfg. Co., Coplay, Pa.
S. B. & I. WORKS Siamese connections—Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
S. & B. photomicrographic instruments—Sauveur & Boylston, Cambridge, Mass.
SCAIFE filters, steel tanks, range boilers, steel barrels, trestles, towers, stacks, water softening & purifying apparatus—Wm. B. Scaife & Sons Co., First Nat'l Bank bldg., Pittsburgh, Pa.
SCALECIDE insecticides—B. G. Pratt Co., 50 Church, New York
SCALECIDE spraying compounds—B. G. Pratt Co., 50 Church, New York
SCALINE boiler compounds—International Boiler Cleaning Co., 343 N. Calvert, Baltimore, Md.
SCANDINAVIA belting—Scandinavia Belting Co., 106 Reade, New York
SCANDINAVIAN padlocks—Union Hardware Co., Torrington, Conn.
SCATTERGOOD inkwells, envelope moisteners & glue pots—H. W. Scattergood Co., 1722 W. Venango, Phila., Pa.
SCHADE regulating valves—Schade Valve Mfg. Co., 2528 N. American, Phila., Pa.
SCHAEFFER & BUDENBERG indicating gauges—Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.

SCHAFFER car wheel presses—McCall Machine Works, Rochester, N. Y.
SCHAPER guy lamps—General Electric Co., Schenectady, N. Y.
SCHARF SYSTEM, smoke preventor & fuel economizer, Scharf Smoke Preventor Co., Ypsilanti, Mich.
SCHARTOW harness snaps—Schartow Mfg. Co., Milwaukee, Wis.
SCHEBLER carbureters, gasoline strainers—Wheeler-Schebler Carbureter Co., Indianapolis, Ind.
SCHENCK fire hose reels—Revere Rubber Co., Chelsea, Mass.
SCHENECTADY gas engines—Westinghouse Co., Schenectady, N. Y.
SCHICKS baling presses—Davenport Mfg. Co., Davenport, Ia.
SCHILDBACK automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
SCHILLING adjustable racks—A. F. Flanders Mfg. Co., Buffalo, N. Y.
SCHINDLER bolting cloth—Cornelius Mill Furnishing Co., 119 N. 6th, St. Louis, Mo.
SCHIPPACH crucible clays—Kern Commercial Co., 115 Broad, New York
SCHLUETER floor surfacing machines—M. L. Schlueter, 225 W. Illinois, Chicago, Ill.
SCHMIDT pumping jacks—B. L. Schmidt Co., Davenport, Ia.
SCHMIDT rail sawing machines—Track Necessities Co., 343 S. Dearborn, Chicago, Ill.
SCHNEIDER heaters—Schneider Heating Device Co., Cleveland, Ohio
SCHOEDINGER R. S. V. ventilators—F. O. Schoedinger, 142 N. 3d, Columbus, Ohio
SCHOENMEHL circuit batteries—Waterbury Battery Co., Waterbury, Conn.
SCHOFIELD cloth cutting machines—Birmingham Iron Foundry, Derby, Conn.
SCHOFIELD potato planters, potato diggers, sickel grinders—Schofield & Co., Freeport, Ill.
SCHOLL blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.
SCHOOL PIN radiators — H. B. Smith Co., Westfield, Mass.
SCHOOP spraying machine—Metals Coating Co. of Amer., 495 N 3rd, Phila., Pa.
SCHRADER pneumatic tire valves—A. Schrader's Son, 783-803 Atlantic av, Brooklyn, N. Y.
SCHRADER UNIVERSAL tire pressure gauges—A. Schrader's Sons, Inc., Brooklyn, N. Y.
SCHRODER key hole guards—J. B. Schroder & Co., 133 E. 5th, Cincinnati, Ohio
SCHROEDER headlights—Schroeder Headlight & Generator Co., Evansville, Ind.
SCHROEDER portable grain elevators—H. V. Schroeder Mfg. Co., Minier, Ill.
SCHROEDER'S PEERLESS window screen hangers & fasteners—Stanley Works, New Britain, Conn.
SCHROETER'S horse radish graters—Schroeter Bros. Hardware Co., 810 Washington av, St. Louis, Mo.
SCHUERENBERG farm wagons—F. W. Schuerenberg Brenham, Tex.
SCHEUTZEN rifle powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
SCHUG gas igniters—Schug Electrical Mfg. Co., 252 E. Larned, Detroit, Mich.
SCHULTZ friction clutches—A. L. Schultz & Son, 1675 Elston ave. Chicago, Ill.
SCHULZ pianos—M. Schulz Co., 711 Milwaukee av, Chicago, Ill.
SCHULTZE smokeless shotgun powders—du Pont de Nemours & Co., E. I., Wilmington, Del.
SCHULZ spinning lathes—Wilcox Mfg. Co., 4824 W. Lake, Chicago, Ill.
SCHUMACHER'S rubbing grains—R. J. Waddell & Co., 52 Beekman, New York
SCHUTTE engine stops, suction strainers, valves—Schutte & Koerting Co., Phila., Pa.
SCHUTTLER farm wagons—Peter Schuttler Co., 2509 W. 22nd, Chicago, Ill.
SCHWARZE telephone bells—Schwarze electric Co., Adrian, Mich.
SCIENTIFIC feed water purifiers—Wm. B. Scaife & Sons Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
SCIENTIFIC gas & gasoline engines—Bauroth Bros., Springfield, Ohio
SCIENTIFIC gas & kerosene auto garage heaters—Scientific Heater Co., 2104 Superior, via Cleveland, Ohio.
SCIENTIFIC hydraulic tire setters—Lourie Mfg. Co., Springfield, Ill.
SCIENTIFIC lead pencils—American Lead Pencil Co., 220 5th av, New York
SCIENTIFIC oil cake mills—Bauer Bros. Co., Bauer bldg, Springfield, Ohio
SCIENTIFIC spray nozzles—Niagara Sprayer Co., Middleport, N. Y.
SCIMATCO optical pyrometers—Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
SCLEROSCOPE testing instruments—Shore Instrument & Mfg. Co., Jamaica, N. Y.
SCOCO oils, oxygen paints, shingle stains, stearine, pitch—Southern Cotton Oil Co., 120 B'way, New York
SCOLLAY steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle av, Brooklyn, N. Y.
SCOOP mirror shades & reflectors—National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.
SCOOP window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
SCOOT cleaning compounds—J. H. Parsons Chemical Co., 122 S Michigan av, Chicago, Ill.
SCOT WATER relief valves—Stephens, Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
SCOTCH CLIPPER breaking plows—Moline Plow Co., Moline, Ill.
SCOTCH farriers' hammers—Champion Tool Co., Meadville, Pa.
SCOTCH gauge glasses—H. A. Rogers Co., 87 Walker, New York
SCOTCH harrows & pulverizers—W. S. Hazen, Ripon, Wis.
SCOTCH pig iron—C. Tennant Sons & Co., 100 William, New York
SCOTCH-WHITE enamels—W. W. Lawrence & Co., West Carson, Pittsburgh, Pa.
SCOTT columns, concentrators, condensers, evaporators, stills, steam jacketed mills, dryers, etc.—Ernest Scott & Co., Fall River, Mass.
SCOTT CUTTER testing clamps & tree insulators—Scott C. Cutter, Oswego, Ill.
SCOTTISSUE towels & toilet paper—Scott Paper Co., Chester, Pa.
SCOTT mining picks—American Mining Tool Co., Ottumwa, Iowa
SCOTT rock drills—Scott Drill Co., Bank of Commerce bldg, St. Louis, Mo.
SCOTT valves—Stephens-Roe Mfg. Co., 1097 McKinley, Detroit, Mich.
SCOTTCO diamond pattern asphalt roofing — Scott Roofing & Mfg. Co., 409 Culvert, Cincinnati, Ohio
SCOTTS crucible vanadium—Bourne Fuller Co., Hickox bldg, Cleveland, Ohio
SCOTTS I X L high speed steel—Bourne-Fuller Co., Cleveland, Ohio
SCOTTS pea separators—Sprague Canning Machinery Co., 222 N. Wabash ave, Chicago, Ill.
SCOTTS rubber roofing—Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
SCOUREE metal polish—Grady Mfg. Co., 250 Ely av, Astoria, N. Y.
SCOUT automatic toy repeating paper cap rifles—Rockaway Mfg. Co., 441 Culvert, Cincinnati, O.
SCOUT lead pencils—American Lead Pencil Co., 220 5th av, New York
SCOUT RUNNER hand cars—Wilson & Carmona, Winona, Minn.
SCOVILLES pattern molasses gates—E. C. Stearns & Co., 405 Oneida, Syracuse, N. Y.
SCRANTO acetylene mine lamps—Scranton Acetylene Lamp Co., Scranton, Pa.
SCRANTON gauge cocks—American Safety Lamp & Mine Supply Co., Scranton, Pa.
SCRULIX guy anchors—W. N. Matthews & Bro., Inc., 2922 Easton av, St. Louis, Mo.
SCUFF plates for automobiles—Capital Brass Fdry., Salt Lake City, Utah
SCULLY flanging clamps—Scully Iron & Steel Co., 2554 S. Ashland ave, Chicago, Ill.
S. & D. jack spools—Sweet & Doyle, Cohoes, N. Y.
SEA BELL carbon paper—Minford Ribbon & Carbon Co., 9 Walker, New York
SEA LION belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
SEA-RINGS rod packing—H. W. Johns-Manville Co., Madison av & 41st, New York
SEAL BRAND belting—W. H. Salisbury & Co., 308 N. Madison, Chicago, Ill.
SEALINE oils & greases—H. B. Kingsley, 325 St. Clair av, N. W., Cleveland, Ohio
SEAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.
SEALOGRAPH envelope sealing machines—Saunders Mfg. Co., 1700 B'klyn av, Kansas City, Mo.
SEAL ROCK packing, rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
SEALSKIN waterproof belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
SEAL-TITE piston rings—Seal-Tite Piston Ring, Inc., 1704 E. Lake, Minneapolis, Minn.
SEAL-TITE PLASTIC ROOFING cements—Monarch Paint Co., W. 70th, Cleveland, Ohio
SEAMLESS speaking tubes—Elwood Ivins Tube Works, Oakline Station, Phila., Pa.
SEAMLESS telephone mouthpieces—General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
SEARCHLIGHT electric alarm clocks—Darche Mfg. Co., 643 W Washington blvd, Chicago, Ill.
SEARCHLIGHT electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.
SEARCHLIGHT shears, tinners' snips—Bartlett Mfg. Co., 428 E Lafayette av, Detroit, Mich.
SEARCHLIGHT stoves—Utility Stove & Range Co., Indianapolis, Ind.
SEARIGHT pruning tools, Bartlett Mfg. Co., 40 E. Lafayette, Detroit, Mich.
SEARIGHT'S tanners' snips—St. Louis Sales Co., Chemical bldg., St. Louis, Mo.
SEA RINGS rod packing—Johns-Manville, Inc., Madison av & 41st, New York
SEARLS pipe vises—Spencer Regulator Co., Salem, Mass.
SEARLS-THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
SEARS perfect fireless cookers—Household Equipment Co., 171 27th ave, S. E., Minneapolis, Minn.
SEATTLE safety cargo hooks—Thos. Laughlin Co., Portland, Me.
SEAVEY PATENT mitre boxes—Smith & Hemenway Co., Inc., 261H B'way, New York; 130H Coit, Irvington, N. J.
SEBA lubricating oils & greases—Swan & Finch Co., 165 B'way, New York
SEBCO expansion bolts, toggle bolts, aerial rings, brick drills, concrete anchors, concrete inserts—Star Expansion Bolt Co., 145 Cedar, New York
SE BEN KERAN high speed steel & tool steel—Robt. K. Greaves & Co., 1336 W. Washington blvd, Chicago, Ill.
SECO cigar lighters, annunciators, telephones & ash trays—Spielman Elec. Co., 1931 B'way, New York
SECO common brick—Seco Pressed Brick Co., Dept H, D'Hanis, Texas.

SECO steel casting converters—Bradley Stoughton, 29 W. 39th, New York
SECOR typewriters — Secor Typewriter Rep. Co., Derby, Conn.
SECOR'S weeding hooks—Potter Mfg. Co., Geneva, Ohio
SECRET SERVICE dry batteries—Fred D. Harper, Everett, Mass.
SECTIONFOLD folding partitions—J. G. Wilson Corp., 8 W. 40th, New York.
SECURE LEVERS, padlocks—Slaymaker Lock Co., Lancaster, Pa.
SECURITAS anti-siphon traps—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
SECURITY asphalt roofing — National Roofing Co., Tonawanda, N. Y.
SECURITY automobile tire holders—Post & Lester Co., Hartford, Conn.
SECURITY barn door latches—Peck H'dwe Co., Berlin, Wis.
SECURITY blow-off valves—Wm. T. Fowden, Chester, Pa.
SECURITY box straps, blind & shutter fasteners—Stanley Wks, New Britain, Conn.
SECURITY cash recorders—Hough Cash Recorder Co., Indian Orchard, Mass.
SECURITY concrete inserts—Security Insert Co., 809 Harrison bldg, Phila., Pa.
SECURITY electric, railway specialties, conduit & sewer rods, supporting clamps, pole seats, underground conduit tools, cable terminals, telephone terminals, manhole covers—F. Bissell Co., Toledo, Ohio
SECURITY hatch fasteners—Mullholland Hatch Fastener Co. Cleveland Ohio
SECURITY journal box dust guards—Western Railway Equipment Co. Central National Bank bldg., St. Louis, Mo.
SECURITY portable lamp guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
SECURITY metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
SECURITY step ladders—Goshen Churn & Ladder Co., Goshen, Ind.
SECURITY stove pipe & elbows—Follansbee Bros. Co., 3rd & Liberty, Pittsburgh, Pa.
SECURITY stoves—Security Stove & Mfg. Co., 17th & Oakland av, Kansas City, Mo.
SECURITY trace carriers—North & Judd Mfg. Co., New Britain, Conn.
SECURITY ventilating sash locks — Burgess-Norton Mfg. Co., Geneva, Ill.
SECURITY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
SECURITY window guards—Security Window Guard Co., 130 N. 5th av, Chicago, Ill.
SECURITY ANCHOR wall anchors & ties—Concrete Steel Co., 42 B'way, New York
SECURO battery connectors—Stevens & Co., 375 Broadway, New York
SECURO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SECURO lavatory wastes—Crane Co., 836 S Michigan av, Chicago, Ill.
SECURO pipe joint cements—R. M. Starbuck & Sons, Hartford, Conn.
SEDALIA lawn swings—Thos. K. Barley, Sedalia, Mo.
SEDGLEY packing—Anchor Packing Co., Lafayette bldg., Philadelphia, Pa.
SEDGWICK comealongs—Eureka Fence Mfg. Co., Richmond, Ind.
SEEDS dry plates—Eastman Kodak Co., Rochester, N. Y.
SEEDS faucet filters—Seed Filter & Mfg. Co., 72H Franklin, New York
SEEGER refrigerators—Seeger Refrigerator Co., Arcade & Wells, St. Paul, Minn.
SEEKONK rubber hose—National India Rubber Co., Bristol, R. I.
SEELY FASCO fireless cookers for families—Frances A. Seely Co., 5735 Harper av, Chicago, Ill.
SEELY-SANITARY fireless cookers for institutions—Frances A. Seely Co., 5735 Harper av, Chicago, Ill.
SEEVERS steam heaters—Seevers Mfg. Co., Oskaloosa, Iowa
SEEWELL reading glasses—C. D. Wood Electric Co., 441 B'way, New York
SEGAL hardware—Burglar Proof Lock & Hardware Corp., 75 Fulton, New York.
SEGMENT potato planters — Potato Implement Co., Traverse City, Mich.
SEIBERT fly cacthers—H. E. Seibert, 475 B'way, St. Paul, Minn.
SEIBERT lubricators—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
SEIDEL sash pulleys — Seidel Mfg. Co., Boatmen's Bank bldg., St. Louis, Mo.
SEIGH annealing boxes—Petroleum Iron Works Co., Sharon, Pa.
SEISS auto & bicycle horns & electric fans—Seiss Mfg. Co., Phillips av & N Y C Ry, Toledo, Ohio
SELCO electric bells—Spies Elec. Works, 564 W Van Buren, Chicago, Ill.
SELDEN motor trucks—Selden Truck Corp., Rochester, N. Y.
SELDEN packing—Randolph Brandt, 70 Cortlandt, New York
SELECTED oxide of zinc—New Jersey Zinc Co., 160 Front, New York
SELESTRON lacquer—Chemical Products Co., 30 Charles River rd, Boston, Mass.
SELF ACTING feed carriers—Louden Machinery Co., Fairfield, Ia.
SELF-CLINCHING belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.
SELF-CLOSING gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.
SELF-FEEDING duplicators—Beck Duplicator Co., 476 B'way, New York
SELF LOCK wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
SELF LOCKING sling pulleys—J. E. Porter Co., Ottawa,, Ill.
SELF-SENTERING concrete reinforcement—General Fireproofing Co., Youngstown, Ohio
SELF SHARPENING feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
SELLERS anchor bottom plates—Sellers Mfg. Co., 332 S. Michigan av, Chicago, Ill.
SELLERS kitchen cabinet—G. I. Sellers & Son Co., Dept. H, Elwood, Ind.
SELLEW disc grinders—Sellew Machine Tool Co., Pawtucket, R. I.
SELLS roller bearings, combination grease & oil guns—Royersford Foundry & Machine Co., 52 North 5th, Philadelphia, Pa.
SELMA ranges—Huenefeld Co., Cincinnati, Ohio
SELTONA photographic paper—J. L. Lewis, 522 6th av, New York
SEMCO automobile inner tubes—Semple Rubber Co., Trenton, N. J.
SEMCO vacuum cleaners—Semco Mfg. Co., Nashville, Tenn.
SE-MENT-OL automobile radiator cements—Northwestern Chemical Co., Marietta, Ohio
SEMHI milling metal & slitting saws—Huther Bros. Saw Mfg. Co., Rochester, N. Y.
SEMI-BRONZE packing, gaskets — General Asbestos & Rubber Co., Charleston, S. C.
SEMI HECLA packing—General Asbestos & Rubber Co., Charleston, S. C.
SEMI-INDIRECT electric fixtures—Harter Mfg. Co., 524 S. Clinton, Chicago, Ill.
SEMINOLE rubber hose—National India Rubber Co., Bristol, R. I.
SEMPER IDEM babbitt metal, aluminum solder—Thos. Wildes Son, 14 Dover, New York
SENATE belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
SENATOR lead pencils—American Lead Pencil Co., 200 5th av, New York
SENATOR packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.
SENATOR pipeless furnaces—Wellston Mfg. Co., Wellston, Ohio
SENECA enameled iron bath tubs — McVay-Walker Co., Braddock, Pa.
SENECA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
SENECA STANDARD plug & drip filter stones & syphon filters—Seneca Tripoli Co., Sience bldg, St. Louis, Mo.
SENIOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SENIOR LEADER orchard sprayers—Field Force Pump Co., Elmira, N. Y.
SENSATION belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
SENSIBLE egg & cream beaters, pot chains—Woods-Sherwood Co., Worcester, Mass.
SENSIBLE mailing boxes—Jencks Paper Cox Co., 45 Waldo, Providence, R. I.
SENSIBLE sad irons—Colebrookdale Iron Co., Pottstown, Pa.
SENSIBLE sad irons, carpet beaters, presses, mincing ice tongs, roll paper cutters, toilet paper & bag holders, twine holders & vegetable cutters—N. R. Streeter & Co., Rochester, N. Y.
SENSIBLE storm sash hangers—R. G. Winter Mfg. Co., 2102 Vliet, Milwaukee, Wis.
SENTINEL automatic air valves—Denver Hydro Co., 3100 Stuart, Denver, Colo.
SENTINEL oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SENTINEL rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
SEPARABLE carriage fasteners—Chas. Weiss & Son, 4715 Cottage Grove av, Chicago, Ill.
SERGEANT pneumatic drills—Ingersoll-Rand Co., 11 Broadway, New York
SERPENTINE screw drivers, scratch awls, stove pokers—Arcade Mfg. Co., Freeport, Ill.
SERVICE belting, hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
SERVICE double unit safety chains—Sala Co., Canton, O.
SERVICE packing—Johns-Manville, Inc., Madison av & 41st, New York
SERVICE steel stools—Toledo Metal Furniture Co., Toledo, Ohio
SERVICE telephone switchboards—Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
SERVICE BRAND conveyor belts — Link-Belt Co., 329 W. 39th, Chicago, Ill.
SESCO plumbers' sanitary earthenware — Sanitary Earthenware Specialty Co., Trenton, N. J.
SESSIONS—STANDARD draft gear—Standard Coupler Co., 30 Church, New York
7-11 loose pin screen door hinges—Champion Hardware Co., Geneva, Ohio
7-LEAGUE boots & shoes—Mulconroy Co., Inc., 54th & Jefferson, Phila., Pa.
76 PASTE pipe joint cements—W. T. Baker, 224 Suydam ave, Jersey City, N. J.
SEVERN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
SEVILLE lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SEWELL steam couplers—Consolidated Car Heating Co., Albany, N. Y.
SEXTOBLADE safety razors—Edward Weck & Son, 148 Fulton, New York

SEXTON automobile fuel & oil storage tanks, barrel pumps, gasoline strainers & outfits—Sexton Can Co., 123 Broad, Boston, Mass.
SEXTON'S oil cans, oil filters, paint pots, deep pans, can spouts, underground garbage receivers & lubricating tanks—Sexton Can Co., 123 Broad, Boston, Mass.
SEXTON SANITARY underground garbage receivers Sexton Can Co., 123 Broad, Boston, Mass.
SEYBOLD round cornering machines—Seybold Machine Co., Dayton, Ohio
SEYMOUR post hole diggers—Seymour Mfg. Co., Seymour, Ind.
SEYMOUR shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
SHAFFER incandescent cut-outs—H. T. Paiste Co., 3201 Arch, Phila., Pa.
SHAIN ball spray carburetors—Chas. D. Shain, Sta. L, Brooklyn, N. Y.
SHAKER flour sifters—Republic Metalware Co., Buffalo, N. Y.
SHAKER potato diggers—Deere & Co., Moline, Ill.
SHAKER potato diggers—South Bend Chilled Plow Co., South Bend, Ind.
SHAKESPEARE carburetors—Shakespeare Co., Kalamazoo, Mich.
SHALER tire vulcanizers, electric stoves—C. A. Shaler Co., Waupun, Wis.
SHAM-ROCK babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
SHAMROCK conduit pipe hanging clamps, floor plugs, tank switches—W. F. Irish Electric Supplies, 130 W. 32nd, New York
SHAMROCK fire clay & kaolin—National City Refining Co., 430 Walnut, Phila., Pa.
SHAMROCK horse nails—Fowler Nail Co., Seymour, Conn.
SHAMROCK incandescent electric lamps—Standard Electric Lamp Co., 67 Hamilton, Newark, N. J.
SHAMROCK lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
SHAMROCK roof snow guards—National Safety Fifth Wheel Co., Lancaster, Pa.
SHANNON jigs for coal washeries—Link-Belt Co., 329 W. 39th, Chicago, Ill.
SHANNON sewer cleaning machines—J. H. & R. Shannon, 538 Bergen av, Jersey City, N. J.
SHAPCO radiator shields—Sodemann Heat & Power Co., 2306 Morgan, St. Louis, Mo.
SHARK adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
SHARON base bead—Youngstown Pressed Steel Co., Warren, O.
SHARON car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
SHARON door & storm hangers, cupboard catches, sash locks—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARON BEAUTIES surface hinges—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARON TROLLEY barn door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARP spark plugs—Sharp Spark Plug Co., C. A. C. bldg, Cleveland, Ohio
SHARPEN EZY nail sets, tinners' punches & chisels—H. D. Smith & Co., Plantsville, Conn.
SHARPLES milking machines—Sharples Milker Co., Dept. H, West Chester, Pa.
SHARP-MILLER photometers—Foote-Pierson & Co., 160 Duane, New York
SHARPSHOOTER smokeless rifle—Hercules Powder Co., Wilmington, Del.
SHARP-WELL razor strops—Illinois Razor Strop Co., 2035 Charleston, Chicago, Ill.
SHAUGHNESSY cotton waste machines—Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
SHAVEZY razor-guards, safety razors—L. T. Weiss, 286 Taaffe pl, Brooklyn, N. Y.
SHAW adjustable knives—Chapman-Sargent Co., Piqua, Ohio
SHAW blow-off valves—National Supply Co., Toledo, Ohio
SHAW calf weaners—Barbee Wire & Iron Works, 111 Washington, Chicago, Ill.
SHAW couplings—Dodge Sales & Engineering Co., Mishawaka, Ind.
SHAW lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
SHAW marine wheels—Shaw Propeller Co., 15 Elkins, Boston, Mass.
SHAW mercury gauges—Quimby Engineering Co., 450 N. 10th, Phila., Pa.
SHAW motor cycles & bicycle motor attachment—Shaw Mfg. Co., Galesburg, Kans.
SHAW pneumatic rock drills, rock drill sharpening machines—C. H. Shaw Pneumatic Tool Co., Denver, Col.
SHAW & FLINN'S lifting rod cleaners—Draper Corp., Hopedale, Mass.
SHAWCO belt-turned & recessed joint pipe—Benj. F. Shaw Co., Wilmington, Del.
SHAWMUT conduit hangers, fuse links, fuse blocks, fuse chips, leadwire fuses, ground connection clamps, locknut bushings, terminal lugs—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
SHAWMUT flue linings, sewer pipe—Shawmut Clay Mfg. Co., Drummond, Pa.
SHAWMUT packing, rubber hose—Revere Rubber Co., Chelsea, Mass.
SHAWMUT steel bins—Shawmut Iron & Wire Works, Everett, Mass.
SHAWMUT underground conduits—M. J. Drummond Co., 51 Chambers, New York
SHAY industrial locomotives—Lima Locomotive Corp., 106 3rd, Lima, Ohio
SHE locomotive sanders—United States Metallic Packing Co., 221 N. 13th, Phila., Pa.
SHEAR CUT CLIPPER can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
SHEAR-KLEAN grate bars—Marion Machine, Foundry & Supply Co., Marion, Ind.
SHEBOYGAN coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
SHEDITE waterproof belting—I. B. Williams & Sons, Dover, N. H.
SHEDD'S wire blind & shutter fasteners—Stanley Works, New Britain, Conn.
SHEEPSKIN leather aprons—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
SHEETROCK wall boards—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
SHEFFIELD cattle guards, hand cars, railroad water columns, velocipede cars, inspection cars, locomotive cranes, stand pipes—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
SHEFFIELD potato planters—Sheffield Mfg. Co., Burr Oak, Mich.
SHEFFIELD pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
SHEKLETON UNIT locknuts—Shekleton Nutlock, Ltd., 68 Broad, New York
SHELBAS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SHELBY air tanks, automobile axles, tubing, cream separator bowls, die-stock handles, hollow seamless steel tubing, cylinders, boiler tubes, boiler tube safe ends, drill rods, mandrels, hose poles, tempering pots, water gates & trolley car & street poles—National Tube Co., Frick bldg, Pittsburgh, Pa.
SHELBY bell cord couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
SHELBY electric lamps—Shelby Lamp Division of G. E. Co., Shelby, Ohio
SHELBY farm tractors—Shelby Tractor & Truck Co., Shelby, Ohio
SHELBY seamless steel tubing—C. A. Roberts Co., Inc., 20-24 Aberdeen, Chicago, Ill.
SHELBY spring & screen door hinges, sash locks—Shelby Spring Hinge Co., Shelby, Ohio
SHELBY CHIEF floor hinges—Shelby Spring Hinge Co., Shelby, Ohio
SHELDON automobile springs—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
SHELDON car movers—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
SHELDON car movers & pinch bars—Stephens Adamson Mfg. Co., Aurora, Ill.
SHELDON car movers & pinch bars—Webster Mfg. Co., 4500 Cortland, Chicago, Ill.
SHELLAV lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SHELLENE asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.
SHELLEY corporation cock inserting machines—A. P. Smith Mfg. Co., East Orange, N. J.
SHEN-KING railroad copying paper—Wm. Mann Co, 529 Market, Phila., Pa.
SHEPARD canned goods—Otoe Food Products Co., Nebraska City, Neb.
SHEPARD cranes & hoists—Shepard Electric Crane & Hoist Co., Montour Falls, N. Y.
SHEPARD vises—Prentiss Vise Co., 110 Lafayette, New York
SHEPARD'S blind fasteners, gate latches, gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
SHERARDUCT rigid steel conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
SHERBURNE car door holders, rail benders—Sherburne & Co., 53 Oliver, Boston, Mass.
SHERIFF hydraulic pumps—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
SHERMAN emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio
SHERMAN ground connection clamps—H. B. Sherman Mfg. Co., Battle Creek, Mich.
SHERMAN'S liquid stove polish—Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
SHERRED-FRENCH valve inserting machines—A. P Smith Mfg. Co., East Orange, N. J.
SHERWOOD closet seats — Sherwood Brass Works, 1167 E. Jefferson, Detroit, Mich.
SHERWOOD concrete form fasteners—M. C. Ryan Co., Phoenix, N. Y.
SHERWOOD corn poppers — Woods-Sherwood Co., Worcester, Mass.
SHERWOOD metal frame window screens—Continental Co., Book, Detroit, Mich.
SHERWOOD boiler injectors & oil lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
SHERWOOD'S carpet beaters, dish drainers, gas jet heaters, tea balls & wire card racks—Woods-Sherwood Co., Worcester, Mass.
SHIDOO hand soap paste—Yeazell-Goldstein Co., Columbus, Ohio.
SHIELD leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
SHIELD linseed oil soap—India Alkali Works, 28 India Wharf, Boston, Mass.
SHIELD lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
SHIELD safety fuse—Du Pont de Nemours & Co., E. I., Wilmington, Del.
SHIELDS lubricating oils & greases—W. P. Miller Co., 250 Greene, B'klyn, N. Y.
SHIFFER trolley street poles—American Bridge Co., 30 Church New York
SHIM brake slack adjusters—Standard Coupler Co., 30 Church, New York
SHIMER woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.
SHINE ALL metal polish—Eugene Arnstein, 3433 S Racine av, Chicago, Ill.

SHINEAUL metal polish—Ericka Mfg. Co., Springfield, Mass.
SHINE BRIGHT metal polish—Parker Refining Co., 1307 W. 11th, Cleveland, Ohio
SHINE-M-UP metal polish—Simplex Auto Specialty Co., 733 Woodward av, Detroit, Mich.
SHINE ON metal polish—Richard S. Morris & Co., 138 N. Dearborn, Chicago, Ill.
SHINGLE roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
SHINGLE-EDGES shingle stains—L. Sonneborn Sons, 262 Pearl, New York
SHI-NITE metal polish—Adams & Elting Co., 726 Washington, Chicago, Ill.
SHINO chemical dust mops, broom covers, dustless dust cloths, mitten dusters, polishing cloths, soap & powder—Pioneer Mfg. Co., 3053 E 87th, Cleveland, Ohio
SHINON metal polish, furniture polish—Rochester Chemical Co., Rochester, N. Y.
SHIPERD shaft coupling bolts—Cleveland Shaft Spring Co., Cleveland, Ohio
SHIPMATE galley stoves—Stamford Foundry Co., Stamford, Conn.
SHIPOLEUM architectural varnish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SHIPPERLOC elevator safety locks & devices—Shipperloc Co., 368 Atlantic av, Boston, Mass.
SHIP-SAFE tire crates—R. E. Beers L'br Co., Trenton, N. J.
SHIRLEY cotton rope—Samson Cordage Works, 88 Broad, Boston, Mass.
SHIRLEY steam heaters—Shirley Radiator & Foundry Co., Indianapolis, Ind.
SHOCK ABSORBER lawn mowers — Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.
SHOEMAKER locomotive fire doors—National Railway Devices Co., 224 S. Desplaines, Chicago, Ill.
SHOE SATIN bixola shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SHO-FUR carriage robes—Burlington Blanket Co., Burlington, Wis.
SHONE sewage ejectors—Shone Co., 231 Institute pl, Chicago, Ill.
SHOUP'S autographic registers—Autographic Register Co., Hoboken, N. J.
SHOW disc sharpeners—Skow Mfg. Co., Newton, Ia.
SHUART road machines, land road levelers — Ohio Road Machinery Co., Oberlin, Ohio
SHULIFE shoe dressing—R. M. Hollingshead Co., Camden, N. J.
SHULTIS sectional bark mills—Wm. Bartley & Sons, Bartley, N. J.
SHULTZ belting, belt dressing, belt cements, patent pulley covering—Shultz Belting Co., Fourth & Barton, South St. Louis, Mo.
SHULTZ store front construction, coal chutes—Shultz All Steel Corner Post Co., St. Joseph, Mo.
SHUMAN neck yoke centers, neck yokes—National Neck Yoke Co., Rock Island, Ill.
SHUMARD sash balances—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
SHUMATE razors—Shumate Razor Co., 706 Chestnut, St. Louis, Mo.
SHURBOND metal lath—Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio
SHUREDRY contractors' tents—Geo. B. Carpenter & Co., 440 North Wells, Chicago, Ill.
SHUREDRY horse covers & waterproof tarpaulins—Fulton Bag & Cotton Mills, Atlanta, Ga.
SHUR-KATCH fly traps—National Enameling & Stamping Co., 411 5th av, New York
SHURLOK lock sockets—Pass & Seymour, Solvay, N. Y.
SHURNUF window ventilators—Universal Ventilating Co., 14 Oak, Kansas City, Mo.
SHURO storage battery cell testers—Frank W. Morse, 289 Congress, Boston, Mass.
SHUR SHUT mouse traps—Fort Dearborn Mfg. Co., Sterling, Ill.
SHUSTER automatic wire straightening & cutting machines—F. B. Shuster Co., Cedar Hills, New Haven, Conn.
SHUTTLE cloth laying machines—Shuttle Machine Co., 18 E. 17th, New York
SHUWHITE shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SHYROCK wire rope clamps — Leidecker Tool Co., Marietta, Ohio
SIASTEX waterproofing material — Sicilian Asphalt Paving Co., 41 Park row, New York
SIBERIAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
SIBERIAN stove pokers—Arcade Mfg. Co., Freeport, Ill.
SIBLOCO pipeless furnaces—Silverton Blow Pipe Co., 109H West Main, Silverton, Ore.
SICTITE gummed advertising stickers—Grand Rapids Label Co., Grand Rapids, Mich.
SIDNEY blast furnaces—Northwestern Iron Co., 1st Nat'l Bank bldg, Milwaukee, Wis.
SIDNEY plows, drag road scrapers, stone barrows—Sidney Steel Scraper Co., Sidney, Ohio
SIEBEN gas shut-off valves—Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
SIEBEN traps, floor drains—Prier Brass Mfg. Co., Kansas City, Mo.
SIEBER & TRUSSELL loose leaf devices—Boorum & Pease Co., 109 Leonard, New York
SIEBERT lubricators—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
SIEMAN valves—Sterrit-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.
SIEMENS marine indicators—McNab Co., Bridgeport, Conn.
SIFON ventilators—Illinois Art Metal Co., Springfield, Ill.
SIGNAL oil cups—Wm. Powell Co., Cincinnati, Ohio
SIGNALOID incandescent lamp coloring—Universal Electric Stage Lighting Co., 240 W. 50th, New York
SIGNET belt dressing—Russia Cement Co., Gloucester, Mass.
SIGNET floor drains—Crampton-Farley Brass Co., 221 Main, Kansas City, Mo.
SIGWALT seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
SILBEY drilling machines—Silbey Machine Co., 70 Tutt, South Bend, Ind.
SILCAR carborundum brick—Didier-March Co., Perth Amboy, N. J.
SILENT door hangers—National Mfg. Co., Sterling, Ill.
SILENT hoists—Wunsch & Washburn, Stone av & McDougal, Brooklyn, N. Y.
SILENT salesman show cases—Detroit Show Case Co., 1670 Fort W., Detroit, Mich.
SILENT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
SILENT SALESMAN show cases—Detroit Show Case Co., 1670 Fort W, Detroit, Mich.
SILEX chisels—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
SILEX coffee filters & percolators—Silex Co., 45 High, Boston, Mass.
SILEX lubricating oils—Borne-Scrymser Co., 80 South, New York
SILEX oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SILICO wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
SILK quillers—Benj. Eastwood Co., Paterson, N. J.
SILK toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio
SILKENAMEL magnet wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
SILKENITE magnet wire—Acme Wire Co., New Haven, Conn.
SILKUYS KANT-RUST preventives—N. B. Arnold, 1 Sigourney, Brooklyn, N. Y.
SIL-O-CEL iron insulating compound, pipe & boiler covering—Célite Products Co., 11 B'way, New York
SILVEL white metal alloy—Silvel Metal Mfg. Co., 21 E. 40th, New York
SILVER alcohol stoves, coffee mills, egg & cream beaters, potato presses, tumbler holders—Silver & Co., 304 Hewes, Brooklyn, N. Y.
SILVER silo filters, band sawing & hub boring machines & swing saws—No. 256 Silver Mfg. Co., Salem, Ohio
SILVER amalgamated plates—San Francisco Plating Works, 1349 Mission, San Francisco, Cal.
SILVER gray marble—Georgia Marble Co., Tate, Ga.
SILVER talc—Innis, Speeden & Co., Inc., 46 Cliff, New York
SILVER KING ratchet wrenches—C. M. B. Wrench Co., Garwood, N. J.
SILVER LAKE chalk & mason's lines—Silver Lake Co., Newtonville, Mass.
SILVER LAKE sash cords—Silverlake Co., Newtonville, Mass.
SIL-VER-OL metal polish—Northwestern Chemical Co., Marietta, Ohio
SILVER PATTERN egg & cream beaters—Standard Egg Co., 26 So. Market, Boston, Mass.
SILVER SPRING pig iron—Central Iron & Steel Co., Dept. H, Harrisburg, Pa.
SILVER STRAND lightning rods—Electra Lightning Rod Co., Cresco, Iowa
SILVERIN cordage & twine—Am. Mills Co., 172 H, Marietta, Atlanta, Ga.
SILVERLIN cordage & twine—American Mills Co., Atlanta, Ga.
SILVERTIP arc light carbons—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
SILVERTIP FLAME arc light carbons—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio
SILVERTOWN single tube pneumatic tires—B. F. Goodrich Co., Akron, Ohio
SILVERZAHN ensilage cutters—Gehl Bros. Mfg. Co., West Bend, Wis.
SIMMEN electric railway signals—Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.
SIMMONS floor & ceiling plates—John Simmons Co., 110 Centre, New York
SIMMONS pipe bending machines—Frank L. Wells Co., Kenosha, Wis.
SIMMONS-MOORE sand boxes—Dayton Mfg. Co., Dayton, Ohio
SIMONDS files—Simonds Mfg. Co., Fitchburg, Mass.
SIMONDS vacuum valves, steam receiver & separator —Simonds Heating & Specialty Co., Grand Rapids, Mich.
SIMONSON log turners—Challoner Co., Oshkosh, Wis.
SIMPLE boring tools—Allen & Curtis Co., Benton Harbor, Mich.
SIMPLEX annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.
SIMPLEX ball bearings—Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio
SIMPLEX belt sanding machines—Schimmel, Reid & Co., Faribault, Minn.
SIMPLEX belt shifters, countershafts—Mossberg Wrench Co., 25 Charles, Providence, R. I.
SIMPLEX belt sanding machines—Schmimmel, Reid & Co., 319 S Wabash av, Chicago, Ill.
SIMPLEX boiler salt detectors—McNab Co., Bridgeport, Conn.
SIMPLEX box straps—DeHaven Mfg. Co., 50 Columbia Hgts., Brooklyn, N. Y.
SIMPLEX car couplers—American Steel Foundries, McCormick bldg, Chicago, Ill.

SIMPLEX cattle stanchions, feed carriers—F. Rassmann Mfg. Co., Beaver Dam, Wis.
SIMPLEX chain hoists—John G. Speidel, Reading, Pa.
SIMPLEX clothes washing machines, ironing machines—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
SIMPLEX coal jigs—Wilmot Engineering Co., Hazleton, Pa.
SIMPLEX concrete mixers—Miles Co., Jackson, Mich.
SIMPLEX concrete piles—Simplex Concrete Piling Co., 3400 Disston, Phila., Pa.
Simplex cork preparing outfits—U. S. Bottlers' Machinery Co., 2511 Park, Chicago, Ill.
SIMPLEX corn planters—American Seeding Machine Co., Springfield, Ohio.
SIMPLEX cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
SIMPLEX ditching machines & road graders—Simplex Farm Ditcher Co., Owensboro, Ky.
SIMPLEX door bells—Bradley & Farnham, Middlefield, Conn.
SIMPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill
SIMPLEX electric cooking apparatus, electric sad irons, etc.—Simplex Electric Heating Co., Cambridge, 39 Mass.
SIMPLEX elect'l instrument igniters—Simplex Magneto Co., 1790 B'way, New York
SIMPLEX emery band disc grinder—T. P. Walls Tool & Supply Co., 75 Walker, New York
SIMPLEX expansion joints—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
SIMPLEX fire extinguishers—David Kahnweiler's Sons, 260 Front, New York
SIMPLEX flexible couplings—Thomas Flexible Coupling Co., Erie, Pa.
SIMPLEX garden hose reels—Spray Engineering Co., 93 Federal, Boston, Mass.
SIMPLEX gauge glass cutters—Hy. B. Pancoast Co., 950 N. Front, Phila., Pa.
SIMPLEX grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
SIMPLEX grain weighers—Hart Grain Weigher Co., Peoria, Ill.
SIMPLEX hatch fasteners—Mullholland Hatch Fastener Co., Cleveland, Ohio
SIMPLEX hoisters—Motor Specialties Co., Waltham, Mass.
SIMPLEX household ironing machines—Domestic Laundry Equipment Corp., 224 W 26th, New York
SIMPLEX injectors—Nathan Mfg. Co., 416 E. 106th, New York
SIMPLEX jacks—Templeton, Kenly & Co., Ltd., 1020 S. Central av, Chicago, Ill.
SIMPLEX lamp burners—Edw. Miller & Co., Meriden, Conn.
SIMPLEX lubricants—Nathan Mfg. Co., Dept. H, 416 E 106th, New York.
SIMPLEX milk pasteurizers & coolers, holders, separators & churns, vats—D. H. Burrell & Co., Little Falls, N. Y.
SIMPLEX ore concentrators—Colorado Iron Works Co., Denver, Colo.
SIMPLEX paper clips—Noesting Pin Ticket Co., Inc., Mt. Vernon, N. Y.
SIMPLEX pipeless furnaces—Wise Furnace Co., Akron, Ohio
SIMPLEX pliers & nippers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
SIMPLEX plumbers' tanks—Columbus Brass Co., Columbus, Ohio
SIMPLEX pump governors—Godfrey-Keeler Co., 70 Warren, New York
SIMPLEX rate controllers, tube meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
SIMPLEX riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
SIMPLEX rivetless chains—Cross Engng. Co., Carbondale Pa.
SIMPLEX roofing nails—Crescent Brass & Pin Co., 5766H, Trumbull, Detroit, Mich.
SIMPLEX roofing nails—H. B. Sherman Mfg. Co., Battle Creek, Mich.
SIMPLEX rubber tire building cores—Williams Foundry & Mach. Co., Akron, Ohio
SIMPLEX skylight guards—Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
SIMPLEX shears—Quinn Wire & Iron Works, Boone, Ia.
SIMPLEX spray nozzle—Deming Co., Salem, Ohio.
SIMPLEX spray nozzles—Uehling Instrument Co., 71 Broadway, New York
SIMPLEX spray pumps—Brandt Mfg. Co., 310 3d, Minneapolis, Minn.
SIMPLEX steam gauges—Sterling Dental Mfg. Co., 7H, Remington, Cambridge, Mass.
SIMPLEX steam pumps—Dubois Iron Works, Dubois, Pa.
SIMPLEX sugar evaporators—Blair, Campbell & McLean, Inc., Colonial Trust bldg, Phila., Pa.
SIMPLEX stop & waste cocks—Landers, Frary & Clark, New Britain, Conn.
SIMPLEX time recorders—Simplex Time Recorder Co., Gardner, Mass.
SIMPLEX traction engines—Simplex Tractor Co., Minneapolis, Minn.
SIMPLEX transom lifts—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
SIMPLEX trolley bases—Trolley Supply Co., Canton, Ohio
SIMPLEX twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York
SIMPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio
SIMPLEX ventilating sash locks—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.
SIMPLEX watchman's clocks—W. H. Bundy Recording Co., 135 5th av, New York
SIMPLEX-RUSSEL graders—Russell Grader Mfg. Co., 2005 University av, S. E., Minneapolis, Minn.
SIMPLEX VENTURI water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
SIMPLICITY concrete mixers, corn & cob mills—Turner Mfg. Co., Port Washington, Wis.
SIMPLICITY door springs—Boehck Lueck Co., Milwaukee, Wis.
SIMPLICITY gasoline lamps—Herman Merkel, 511 Elm, St. Louis, Mo.
SIMPLICITY incubators—Indianapolis Corrugating Co., Indianapolis, Ind.
SIMPLICITY spray hoods—Chas. P. McClellan, Fall River, Mass.
SIMPLICITY stage dimming rheostats—Cutler-Hammer Mfg. Co., Milwaukee, Wis.
SIMPLICITY valve grinders—Universal Equip. & Supply Co., 107 N Franklin, Syracuse, N. Y.
SIMPSON sand mixing machines—National Engn'g. Co., 549 W. Washington blvd, Chicago, Ill.
SIMPSON vises—Athol Mach. & Foundry Co., Athol, Mass.
SIM-PULL belt shifters, countershafts—Mossberg Wrench Co., 25 Charles, Providence, R. I.
SIMS heat generators, oil filters, water heaters—Sims Co., 18 & Whitley av., Erie, Pa.
SIMS safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio
SIN cast iron griddles—Advance Mfg. Co., Racine Junction, Wis.
SINGLE STROKE piston ring grinders—O. S. Walker Co., Worcester, Mass.
SINGLE TAPE safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
SINGLE'S speed limit engine stops—Springer & Hargitt, Hamilton, Ohio
SINTON lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SIOUX gasoline engines—Sioux City Engine & Machinery Co., Sioux City, Ia.
SIRIUS bronze powder & bronzing liquid—U. S. Bronze Powder Wks., Inc., 220 W. 42nd, New York
SIROCCO blowers, fans, ventilators—American Blower Co., 1400 Russell, Detroit, Mich.
SISCO drill & tool steel—Federal Tool & Alloy Steel Corp, 233 Broadway, New York
SISSON cast iron soil pipe & fittings—R. Estabrook's Sons, 201 1st, Boston, Mass.
SITES poultry coops—Defiance Box Co., Defiance, Ohio
SITUS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
600 K cylinder oils—Wadham's Oil Co., 359 Clinton, Milwaukee, Wis.
SIX-IN-ONE kitchen sets—Kohler Die & Specialty Co., De Kalb, Ill.
SIX LEVER padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
SIX LEVER padlocks—Sargent & Co., New Haven, Conn.
SIX LEVERS padlocks—Slaymaker Lock Co., Lancaster, Pa.
SIX MULE team gasoline engines—Associated Mfrs. Co., Waterloo, Ia.
SIXTY-ONE varnish—Pratt & Lambert, 185 Madison av, New York
SIZOL size—Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
SKABOO garden cultivators, wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
SKANDIA fuel oil marine engines—H. S. Johannsen, 50 Church, New York
SKANDIA gas, gasoline & oil engines—Skandia Pacific Oil Engine Co., Oakland, Cal.
SKAT hand soap—Skat Co., Hartford, Conn.
SKEDOODLE electric sign flashers, self flushing socket plugs—Phelps Mfg. Co., 49 W Larned, Detroit, Mich.
SKELTON electric bells—Stanley & Patterson, 23 Murray, New York
SKENE boat chocks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
SKIDOO polish—Mutual Auto Accessories Co. of America, 1777 B'way, New York
SKIHI gaskets & packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
SKIMER dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
SKIN COTE piano varnishes—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
SKINNER chucks, drilling machine vises—Skinner Chuck Co., New Britain, Conn.
SKINNER motor valve reseating machines—Jas. McCrea & Co., 562 N. Washington, Chicago, Ill.
SKINNER tire air pumps—Mayo-Skinner, 54 E. 18th, Chicago, Ill.
SKINNER valve re-seating machines & tools, & bibb seat dressers—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
SKINNER PIPE JOINT clamp—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
SKINNER'S gauge glass cutters—Skinner & Connolly, Yonkers, N. Y.
SKOOKUM apple butter & jam—Puyallup & Sumner Fruit Growers Canning Co., Puyallup, Wash.
SKOOKUM packing—Pioneer Rubber Mills, 68 Sacramento, San Francisco, Cal.
SKOOTS children's vehicles—B. & B. Mfg. Co., Racine, Wis.
SKY-ROCKET lightning arresters—Chance Mfg. Co., Centralia, Mo.
SLACK LINE excavators—Cable Excavator Co., Phila., Pa.
SLASHER cotton mops—Estes Mills, Fall River, Mass.

SLATINGTON BEST iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLATINGTON NORWAY iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLATINGTON STAYBOLT iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLAYMAKER padlocks, locks—Slaymaker Lock Co., Lancaster, Pa.
SLAYMAN folding presses—Slayman & Co., 801 E. Pratt, Baltimore, Md.
SLECT-O-PHONE interior telephones—Screw Machine Products Co., 1012 Eddy, Providence, R. I.
SLICK cultivators—Hayes Pump & Planter Co., Galva, Ill.
SLICK cutter serrated bread knives—National Mfg. Co., Steel Supply Co., 781 Summit, Newark, N. J.
SLICK steel tires—Cambria Steel Co., Widener bldg., Phila., Pa.
SLIDEASY extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
SLIDEWELL furniture shoes—Turner & Stanton Co., Norwich, Conn.
SLIGO pig iron—Sligo Furnace Co., Syndicate Trust bldg, St. Louis, Mo.
SLIKUP metal polish, carriage top dressing—N. B. Arnold. 1 Sigourney, Brooklyn, N. Y.
SLIKUP KOTE carriage top dressing—N. B. Arnold, 1 Sigourney, Bklyn, N. Y.
SLIPPERY SLIM toys—American Flyer Mfg. Co., 2219 S. Halsted, Chicago, Ill.
SLOAN flushing valves—Sloan Valve Co., 625 W. Jackson blvd, Chicago, Ill.
SLOAN gas ovens, electric toasters, water coolers—Sloan Novelty Mfg. Co., Kansas City, Mo.
SLOAN'S SUPERIOR pumping engines—Sam'l. Sloan & Co., Rochester, N. Y.
SLOSS blast furnaces—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
SLOSS SHEFFIELD pig iron—Wm. J. Breen Co., 84 State, Boston, Mass.
SLY water cinder mills & core baking ovens—W. W. Sly Mfg. Co., 4700 Train av, Cleveland, Ohio
SMALLEY gas engines—Smalley Mfg. Co., Manitowoc, Wis.
SMALLWOOD heat treating furnaces—Industrial Furnace Corp., 10 Post Office sq, Boston, Mass.
SMASHER clod crushers—Rock Island Plow Co., Rock Island, Ill.
SMEARLESS carbon paper—Vacuo-Static Carbon Co., Rochester, N. Y.
SMIRCHLESS carbon paper—H. M. Storms Co., 11 Vandewater, New York
SMITH bin gates, tubular boilers, grey iron castings, concrete, fertilizer, glass batch mortar, plaster & hand mixers; concrete elevators, gasoline, kerosene & steam engines; excavators & loaders; fertilizer & glass house mchy., centrifugal, diaphragm & force pumps—T. L. Smith Co., 1151 32nd. Milwaukee, Wis.
SMITH box car loaders—Link-Belt Co., 329 W. 39th, Chicago, Ill.
SMITH car doors & fittings—James Car Door Co., Monadnock blk, Chicago, Ill.
SMITH castings, boilers, engines, excavators & loaders, mixers & machinery & pumps—T. L. Smith Co., 1151 32nd, Milwaukee, Wis.
SMITH combination vises—Oswego Tool Co., Oswego, N. Y.
SMITH corn planters, feed & straw cutters, peanut separators—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
SMITH cylinder drainers—American Safety Lamp & Mine Supply Co., Scranton, Pa.
SMITH electric bells—Service Electric Co., 323 Sheldon, Chicago, Ill.
SMITH elevator door hangers, improved stall floors—F. P. Smith Wire & Iron Works, 2340-48 Clybourn av., Chicago, Ill.
SMITH farm wagons—Smith Mfg. Co., La Crosse, Wis.
SMITH feed cutters—Glasesck Stove & Mfg. Co., Greensboro, N. C.
SMITH feed & straw cutters—S. R. White's Sons, Norfolk, Va.
SMITH fly swatters—Atlas Mfg. Co., New Haven, Conn.
SMITH friction clutches—Hill Clutch Co., 1000 W. 58th, Cleveland, Ohio.
SMITH gas valves, etc.—Smith Engng. Co., Dayton, Ohio
SMITH gas & water main tapping machines—A. P. Smith Mfg. Co., East Orange, N. J.
SMITH hatters valves—McNab & Harlan Mfg. Co., 55 John, New York
SMITH hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.
SMITH combination pipe vises & steam & hot water heaters—H. B. Smith Co., Westfield, Mass.
SMITH hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
SMITH pipe threading dies—S. W. Card Mfg. Co., Mansfield, Mass.
SMITH screen plates—Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
SMITH shot guns—Hunter Arms Co., Fulton, N. Y.
SMITH steam traps—Robt. C. Johnston & Co., 620 Lodge, Cincinnati, Ohio
SMITH tie renewers—P. & M. Co., 80 E. Jackson blvd., Chicago, Ill.
SMITH turbine water wheels—S. Morgan Smith Co., York, Pa.
SMITHCRETE concrete reinforced columns—A. L. Smith Iron Wks., Dept. H, Chelsea, Mass.
SMITH FORM-A-TRUCK truck units—Smith Form-A-Truck Co., 2015 S. Michigan, Chicago, Ill.
SMITH'S countersinks—M. W. Robinson Co., 296 B'way, New York
SMITH'S pipe vise stands—Strand Heater & Mfg. Co., 7804 Wade Park, Cleveland, Ohio
SMITH'S hoes—Union Fork & Hoe Co., Columbus, Ohio
SMITH'S IDEAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
SMITH'S IMPROVED exit door locks, sash locks, window sash pivots—Frank F. Smith Hardware Co., 81 Clay, Newark, N. J.
SMITH'S twister stop motions—Draper Corp., Hopedale, Mass.
SMITH'S NEVER ESCAPE rat traps—Detroit Wire & Iron Works, 1160 E. Jefferson, Detroit, Mich.
SMITH'S HOT BLAST water radiators—H. B. Smith Co., Westfield, Mass.
SMITHICKS belt fasteners—F. P. Smith & Co., Sharon Hill, Pa.
SMITH-VAILE steam pumps & pumping engines—Platt Iron Works Co., Dayton, Ohio
SMOKELESS WONDER steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.
SMOKY CITY packing—American Steam Packing Co., 165 High, Boston, Mass.
SMOOTH PIPE wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
SMOOTH OH steel tubing—Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
SMOOTH-ON cements & compounds—Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.
SMYRNA front brick—Auburn Shale Brick Co., Auburn, Pa.
SNAKE air hose—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
SNAP belt fasteners—Snap Detachable Belt Fastener Co., 1281 Murray, Newark, N. J.
SNAP extension curtain rods—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
SNAP molders flasks—Hill & Griffith Co., 1248 State av, Cincinnati, O.
SNAP screw pitch gauges—Wood & Spencer Co., 1930 E. 61st, Cleveland, Ohio
SNAP-CATCH porcelain sockets & receptacles—General Electric Co., Schenectady, N. Y.
SNAP OVER wire test connectors—Fahnestock Electric Co., Meadow, L. I. City, N. Y.
SNEAD metallic standard & bracket library book stacks—Snead & Co., Jersey City, N. J.
SNECKER gas engines—Stamford Motor Co., Stamford, Conn.
SNELL auger bits, boring machines—Snell Mfg. Co., Fiskdale, Mass.
SNO-BAK corrugated sheets, circles & rolls—Clark Paper & Mfg. Co., Dept. H, Rochester, N. Y.
SNOW water wheel governors—Cohoes Iron Fndy. & Mach. Co., Cohoes, N. Y.
SNOW-BALL ice cream freezers—Richmond Cedar Works, Fulton, Richmond, Va.
SNOWDRIFT hydrated lime—Dittlinger Lime Co., New Braunfels, Texas
SNOW E. WHITE clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
SNOW FLAKE calcined plaster—J. B. King & Co., 17 State, New York
SNOW FLAKE library paste—L. H. Thomas Co., W. Congress & S. Peoria, Chicago, Ill.
SNOW FLAKE lime—Rochester Lime Co., Rochester, N. Y.
SNOW FLAKE lubricating oils & greases—Snow Flake Axle Grease Co., Fitchburg, Mass.
SNOW FLAKE plumbers' & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York
"SNOW FLAKE" polishing compound—General Platers Supply Co., 489-493 Broome, New York
SNOW FLAKE soldering salts, grasselli—Chemical Co., Guardian bldg., Cleveland, Ohio
SNOW-MOORE water cranes—T. W. Snow Construction Co., 117 N. Dearborn, Chicago, Ill.
SNOW WHITE artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
SNOW WHITE marking fluids—J. W. Johnston, New Arts bldg, Rochester, N. Y.
SNOW-WHITE phosphate—Iliff-Bruff Chemical Co., Hoopeston, Ill.
SNOW WHITE gypsum paper fillers—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
SNOW-WHITE pyralin seats—C. F. Church Mfg. Co., Holyoke, Mass.
SNUG seats—W. B. McLean Mfg. Co., 729 Herron av, Pittsburgh, Pa.
SNYDER'S hot air registers—Hess-Snyder Co., Massillon, Ohio
SOAPOSO soap—Standard Chemical & Supply Co., 172 2nd, East Cambridge, Mass.
SOAPOLIN liquid soap—Sanitary Products Corp., 1003 Race, Phila., Pa.
SOAPUN liquid soap dispensers—Chas. Morrill, 100 Lafayette, New York
SO-BOS-SO KILFLY insect sprayers—H. E. Allen Mfg. Co., Inc., Carthage, N. Y.
SO EASY sad irons—Phelps Mfg. Co., 49 W Larned, Detroit, Mich.
SO-EZY lawn swings—Williams Mfg. Co., Macon, Ga.
SO HANDY pocket knife tool kits—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
SOFERALCO electrolytic ferro silicon—Southern Ferro Alloys Co., Chattanooga, Tenn.
SOF-TONE wall finish—Boydell Bros., White Lead & Color Co., 432H, E Lafayette, Detroit, Mich.
SOFT SPOTS heel cushions—Essex Rubber Co., Trenton, N. J.
SOHM clocks, time recorders, time stamps—Sohm Electric Signal & Record Co., 841 Blue Island av, Chicago, Ill.
SOHO self-hardening steel—Hobson-Houghton & Co., 83 Beekman, New York
SOIL FEEDER fertilizer distributors—Leavitt Mfg. Co., Urbana, Ill.
SO-KLEAN carbon paper, typewriter ribbons—Downes & Co., 63 Wall, New York

SOLANO steam engines—Howard & Morse, 45 Fulton, New York
SOLAR belt dressing—Barnum Bros. Co., Troy, N. Y.
SOLAR gas & oil lamps, automobile headlights, acetylene searchlights—C. M. Hall Lamp Co., Hancock & Rivard, Detroit, Mich.
SOLAR hair dryers & curling iron heaters—Elec. Mfg. Co., 59 H, New Montgomery, San Francisco, Cal.
SOLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
SOLAR oil—Texas Company, 17 Battery pl, New York
SOLAR GROUND stoves—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.
SOLARINE metal polish—Solarine Co., Emerson Bldg., Baltimore, Md.
SOLCUT cutting compounds—E. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.
SOLDCO belt preservative—Duntley Co., 295 Fifth av., New York
SOLDERINE salts—Central Stamping Co., 174 Fulton, New York.
SOLDER-IRON plumbers' solder—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
SOLFRUNT high pressure gas gauges—U. S. Gauge Co., 37 Liberty, New York
SOLID BACK brushes—Standard Brush Co., New Hartford, Conn.
SOLID HEAD thumb tacks—Noesting Pin Ticket Co., Inc., Mt. Vernon, N. Y.
SOLID STEEL polished hotel ware—Cleveland Stamping & Tool Co., E. 53rd & Hamilton, Cleveland, Ohio
SOLIDHED thumb tacks—Hawkes-Jackson Co., 38 Murray, New York
SOLIS belt dressing—Standard Leather Dressing Co., Trenton, N. J.
SOLITE carbon paper—De Fi Mfg. Co., 150 Nassau, New York
SOLITE glass—Western Glass Co., Streator, Ill.
SOL-MIN-OIL lubricating oil & greases—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
SOLSHINE metal polish—Solshine Mfg. Co., 22 custom House, Boston, Mass.
SO-LUMINUM solder aluminum—So-Luminum Mfg. & Engng. Co., 1790 B'way, New York
SOLUS radiators—National Radiator Co., Johnstown, Pa.
SOLVAY granulated calcium chloride road binders—Solvay Process Co., Syracuse, N. Y.
SOLVAY paints, concrete coating, concrete waterproof coatings & metallurgical coke—Semet-Solvay Co., Syracuse, N. Y.
SOLVOL boiler compounds—Duryea Mfg. Co., Bayonne, N. J.
SOLVONON pulley covering—U. S. Pulley Covering Co., 212 Washington, New York.
SOMERSET copper washers — Metallo Gasket Co., New Brunswick, N. J.
SOMERSET hot water radiators—National Radiator Co., Johnstown, Pa.
SOMERSET syphon jet with integral seat water closets—Central Metal & Supply Co., 611 E Lombard, Baltimore, Md.
SONDERGLASS gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
SONNECOTE roofing—L. Sonneborn Sons, 262 Pearl, New York.
SONOGRAPH projection apparatus—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
SONOSCOPE trouble finders—American Electric Co., 6401 S. State, Chicago, Ill.
SOOTLESS spark plugs—Oakes & Dow Co., 311 Atlantic av, Boston, Mass.
SORGE exhaust heads, steam traps—A. Sorge, Jr., & Co., Monadnock blk, Chicago, Ill.
SOTTER'S steam heaters—Sotter Bros., Pottstown, Pa.
SO. AFRICAN CREEDMORE scythe snaths—Seymour Mfg. Co., Seymour, Ind.
SOUTH ALLEN jelly exaporators—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
SOUTH AMERICAN horse hair—Geo. Willcomb Co., 60 Chairdon, Boston, Mass.
SOUTH BEND alfalfa cultivators, potato diggers—South Bend Chilled Plow Co., South Bend, Ind
SOUTH BEND coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
SOUTH BEND fabric rubber tires & tubing—Odell Rubber Co., South Bend, Ind.
SOUTH BROS. GUARANTEE BAGGAGE trunks & suit cases—South Bros. Trunk Co., 2025H, Franklin, Waco, Texas.
SOUTHBURY plows—Wm. & Hy. Bronson, Roxbury, Conn.
SOUTHDOWN packing—Crandall Packing Co., Palmyra, N. Y.
SOUTHERN crescent anvils, sad irons—Southern Skein & Foundry Co., Chattanooga, Tenn.
SOUTHERN grain drills, rice planting drills—Wm Fetzer Co., Springfield, Ill.
SOUTHERN road scrapers—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
SOUTHERN saws—Southern Saw & Works, East Point, Ga.
SOUTHERN BEAUTY enameled iron bath tubs, sinks & trays, lavatories & fittings, drinking fountains—Cahill Iron Works, Chattanooga, Tenn.
SOUTHERN GIRL—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
SOUTHERN HOME paint—F. J. Cooledge & Sons, Atlanta, Ga.
SOUTHERN QUEEN garden cultivators—Ohio Cultivator Co., Bellevue, Ohio
SOUTHERN QUEEN stoves & ranges—Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
SOUTHERN STATES cement—Southern States Portland Cement Co., Rockmart, Ga.
SOUTHER'S metallic shingles—E. E. Souther Iron Co., Kienlen & Hamburger, St. Louis, Mo.
SOUTHLAND cultivators—Kingman Plow Co., Peoria, Ill.
SOUTHLAND meter boxes—H. W. Clark Co., Mattoon, Ill.
SOUTHWARK-HARRIS air compressors — Southwark Foundry & Machine Co., Philadelphia, Pa.
SOUTHWARK-RATEAU steam turbines—Southwark Foundry & Machine Co., 430 Washington av, Philadelphia, Pa.
SOUTHWICK row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
SOUTHWORTH paper punching & turret screw machinery—Southworth Machine Co., Portland, Me.
SOUTHWORTH paper testers—Illinois Iron & Bolt Co., Carpentersville, Ill.
SOVEREIGN acid proof belting mfrs., gum & fibrous gaskets, packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
SOVEREIGN attrition mills—Barnard & Leas Mfg. Co., Moline, Ill.
SOVEREIGN bath tubs—Kohler Co., Dept. H, Kohler, Wis.
SOVEREIGN hot water radiators—H. B. Smith Co., Westfield, Mass.
SOVRAN brass pins—Oakville Co., Waterbury, Conn.
SPALDING carriage springs—E. B. Adams & Son, Racine, Wis.
SPALDING plows—Spalding Tilling Machine Co., Cleveland, Ohio
SPALDING potato planters—Hirsch Bros., 267 Reed, Milwaukee, Wis.
SPANGLER fire extinguishers—Spangler Mfg. Co., York, Pa.
SPARE'S manganese bronze alloys, rods & sheets—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
SPARK coil files—Nicholson File Co., Providence, R. I.
SPARKITE contact points—K. W. Ignition Co., Chester av & E 30th, Cleveland, Ohio
SPARKLESS woven wire brushes—Barkelew Electric Mfg. Co., Middletown, Ohio
SPARROW metal polish, disinfectants—American Oil & Disinfectant Co., 196 Water, New York
SPARTA binder covers—Sparta Plow Works, Sparta, Ill.
SPARTAN belting—Graton & Knight Mfg. Co., Worcester, Mass.
SPARTAN kitchen enameled ware—Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
SPARTAN lubricators—Wm. Powell Co., Cincinnati, Ohio.
SPARTAN chain pipe wrenches—Drop Forging Co., of New York, 301 West Side av, Jersey City, N. J.
SPARTAN wood stains—Marietta Paint & Color Co., Marietta, Ohio
SPAR-TITE varnish—Adams & Elting Co., 726 Washington, Chicago, Ill.
SPARTON electric automobile horns—Sparks Withington Co., Jackson, Mich.
SPAULDING chains—Spaulding Chain Corp., Bloomfield, N. J.
SPAULDING'S FETHER-LYTE shoe-trees—Kennebunk Mfg. Co., Milton, N. H.
SPEAKMAN compression cocks, laboratory valves, bath wastes—Speakman Supply & Pipe Co., Wilmington, Del.
SPEARE'S metal polish—Alden Speare's Sons Co., Cambridge, Mass.
SPEAR HEAD harrows—Wm. Fetzer Co., Springfield, Ill.
SPECIAL anvils—Fisher & Norris, Trenton, N. J.
SPECIAL carbon paper—J. A. Heale & Co., 96 John, New York.
SPECIAL carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
SPECIAL feed cutters—D. F. Tanner, Holland, N. Y.
SPECIAL high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
SPECIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPECIAL power presses—A. H. Niles Machine Co., Bridgeport, Conn.
SPECIAL staybolt iron—Carter Iron Co., Pittsburgh, Pa.
SPECIAL CHROME BEARING chrome steel for ball races—Hammond Steel Co., Inc., Syracuse, N. Y.
SPECIAL ELEVATOR rubber belting—N. Y. Rubber Co., Reade & Church, New York
SPECIAL tool steel, the best grade of straight carbon steel—Holcomb Steel Co., Syracuse, N. Y.
SPECIAL EXCELSIOR belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
SPECIAL RED automobile inner tubes—National Rubber Co., Pottstown, Pa.
SPECIAL TANNED leather belting—W. S. Nott Co., 2nd av. n. & 3rd, Minneapolis, Minn.
SPE-DE-SHYNE metal polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.
SPEDOLENE lubricating oils & greases—Continental Asbestos Corp., 7 Summer, Worcester, Mass.
SPEED portland cement—Louisville Cement Co., 315H, Guthrie, Louisville, Ky.
SPEEDO cutting compounds—Damascus Mfg. Co., Cassius av, Cleveland, O.
SPEEDSTER countersinks—U. S. High Speed & Tool Corp., 489 5th av, New York
SPEEDSTER scooters—Maine Machine Works, 701 N Main, Los Angeles, Cal.
SPEEDWAY gasoline engines—Gas Engine & Power Co., & Charles L. Seabury, Morris Heights, N. Y.
SPEEDWAY REDWALL rubber tires—National Rubber Co., Pottstown, Pa.
SPEEDY clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.

SPEEDY force & lift pumps—Wm. Powell Co., Cincinnati, Ohio
SPEEDY STITCHER harness awls—Stewart-Skinner Co., Worcester, Mass.
SPEIDEL hoists—John G. Speidel, Reading, Pa.
SPENCE steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
SPENCER boiler flue & tube cleaners—Wm. Mulholland, 79 White, New York
SPENCER organ blowers, organ motors—Spencer Turbine Co., Hartford, Conn.
SPENCER pattern damper regulators—Jno. Acton, 118 John, Brooklyn, N. Y.
SPENCER pressure regulators, balance valves, pipe vises—Spencer Regulator Co., Salem, Mass.
SPENCER steam headers—Spencer Heater Co., Scranton, Pa.
SPENCER vacuum cleaners—Spencer Turbine Co., Hartford, Conn.
SPENCERIAN respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
SPENLO sugar servers—Spenglar Loomis Mfg. Co., 58H E Washn., Chicago, Ill.
SPERMO lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
SPER O ball valves—Fairbanks Co., 416 Broome, New York
SPERRY farm boilers, vacuum pans—D. R. Sperry & Co., Batavia, Ill.
SPERRY PERFECTION cast iron culverts—Brillon Iron Works, Brillion, Wis.
SPERRY PERFECTION cast iron culverts—N. H. Colby, Granville, Ill.
SPERRY PERFECTION cast iron culverts—Munnsville Plow Co., Munnsville, N. Y.
SPERRY PERFECTION cast iron culverts—H. Wetter Mfg. Co., Memphis, Tenn.
SPHERO blow-off valves—Fairbanks Co., 416 Broome, New York
SPHINX belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
SPHINX metal polish—R. A. Cromwell Mfg. Co., 303 E. 29th, New York
SPIC & SPAN metal polish—B. T. Babbit (Inc.), 15 W. 34th, New York
SPICA oil—Texas Company, 17 Battery pl., New York
SPICER universal joints—Spicer Mfg. Co., So. Plainfield, N. J.
SPIDER lawn mowers—S. P. Townsend & Co., Orange, N. J.
SPIDER packing—New York Belting & Packing Co., 91 Chambers, New York
SPINAWAY detachable motors—Spinaway Boat Motor Co., Freeport, Ill.
SPINKS cue tips & billiard cloth—Spinks, Wm. A., Co., 362 W. Erie, Chicago, Ill.
SPIRAL coal separators—Anthracite Separator Co., Hazleton, Pa.
SPIRAL coil door springs—Bommer Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
SPIRIT lacquer—M. L. Barrett & Co., 233 W. Lake, Chicago, Ill.
SPIRIT levels—S. R. Jackson, Watertown, N. Y.
SPIRITTINE acids, oils, paints, disinfectants & preservatives, Wilmington, Del.
SPIRO closets—Crane Co., 836 S Michigan av, Chicago, Ill.
SPIRO compression couplings—Bond Foundry & Machine Co., Manheim, Lancaster Co., Pa.
SPIRO turbines—Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
SPIROJECTOR ejector condensers—Worthington Pump & Machy. Corp., 115 B'way, New York
SPIT FIRE spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
SPITZLI shaft couplers—Fernald Mfg. Co., North End, Pa.
SPLIT HANDLE post pole diggers—Iwan Bros., South Bend, Ind.
SPLITPROOF closet seats—Sherwood Brass Wks., Detroit, Mich.
SPOKANE ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
SPOKANE incubators & brooders—Spokane Incubator Co., Spokane, Wash.
SPOOL O WIRE stapling machs.—Hutchison Office Spec. Co., 501 5th av., New York
SPORTING RIFLE POWDER NO. 80—du Pont de Nemours & Co., E. I., Wilmington, Del.
SPORTMAN'S hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
SPOTLESS brushes—Alpha Brush Co., Troy, N. Y.
SPRACO water coolers, tank fixtures, paint guns & nozzles—Spray Engng. Co., 60H High, Boston, Mass.
SPRAGUE can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
SPRAGUE can openers—Fletcher, Terry Co., Forestville, Conn.
SPRAGUE cheese presses—D. H. Burrell & Co., Little Falls, N. Y.
SPRAGUE hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
"SPRAMIST" spray nozzle—Deming Co., Salem, O.
SPRA-RITE nozzles—Star Brass Wks., 3129 Carroll, Chicago, Ill.
SPREADTITE box strapping—Stanley Works, New Britain, Conn.
SPREDLITE lenses—Corning Glass Works, Corning, N. Y.
SPRING CLIP battery connectors—National Carbon Co., Madison av. N. W. & W. 117th, Cleveland, Ohio
SPRINGER ironing boards—Oregon Woodenware Mfg. Co., Portland, Ore.
SPRINGER mine pumps—National Foundry & Machine Co., Louisville, Ky.
SPRINGFIELD automobile jacks, tire air pumps, tire remover tools—Shawver Co., Springfield, Ohio
SPRINGFIELD core compound—Springfield Facing Co., Springfield, Mass.
SPRINGFIELD corn cribs—Wm. Bayley Co., Springfield, Ohio
SPRINGFIELD grinders—Springfield Mfg. Co., Bridgeport, Conn.
SPRINGFIELD logging wagons—Springfield Wagon Co., Springfield, Mo.
SPRINGFIELD storage battery cell testers—Jno. O. Heinze Co., Springfield, Ohio
SPRINGFIELD toilet paper holders—Morgan Envelope Co., Springfield, Mass.
SPRINGFIELD traps—Joseph H. Young Co., 82 High, Boston, Mass.
SPRINGFIELD SECTIONAL water tube boilers—Springfield Boiler Co., Springfield, Ill.
SPRINGFIELD STANDARD core oils—Springfield Facing Co., Springfield, Mass.
SPRINGFIELD water tube boiler—Springfield Boiler Co., Springfield, Ill.
SPRING HAMMER drilling machines—Star Expansion Bolt Co., 145 Cedar, New York
SPRING LOCK oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SPRING RAIL clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
SPRING STEP rubber heels—Revere Rubber Co., Chelsea, Mass.
SPRING TUMBLER padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPRING WHITE marble—Georgia Marble Co., Tate, Ga.
SPROCKET padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPRUCE tanning extracts—Robeson Process Co., 18 E. 41st, New York
SPRY coal drills—Howell's Mining Drill Co., Plymouth, Pa.
SPRY WHEEL cultivators—H. C. Dodge, Inc., 48 Alger, Boston, Mass.
SQUADRON packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
SQUANTUM reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.
SQUARE DEAL belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
SQUARE DEAL closet seats—Olmstead-Thomson Mfg. Co., New Britain, Conn.
SQUARE DEAL wire fences & gates, poultry netting—Keystone Steel & Wire Co., Peoria, Ill.
SQUARE FOUNTAIN lawn sprinklers—L. R. Nelson, Peoria, Ill.
SQUARE TURN tractors—Square Turn Tractor Co., Norfolk, Neb.
SQUAW floor hinges—Allith-Prouty Co., Danville, Ill.
SQUIER-BUFFALO multiple effects evaporators—Geo. L. Squier Mfg. Co., Buffalo, N. Y.
SQUIRES packing—Squires & Byrne Rubber Co., San Francisco, Cal.
SQUIRES pressure reducing valves—C. E. Squires, 3934 Kelly av, Cleveland, O.
SQUIRREL nut crackers & picks—Alex. Woldert Co., Tyler, Tex.
STACK relief valves—Stack Heater Co., 39H Sudbury, Boston, Mass.
STACK-NON-BI path, boiler tees—Stack Heater Co., 38H Sudbury, Boston, Mass.
STACKOTE paint—Jones Paint Co., Rome, New York
STACKPOLE battery connectors—Stackpole Carbon Co., St. Marys, Pa.
STACY swivel load or log binders—Stacy Eugene Co. Tiffin, O.
STACY valve & service boxes—Builders' Iron Foundry 9 Codding, Providence, R. I.
STA-FAST paper clips—L. D. Van Valkenburg Co., Holyoke, Mass.
STAFFORD lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
STAG belt fasteners—Columbia Novelty Co., St. Louis, Mo.
STAG coal tar products—Coal Tar Products Co., 570 Smith, Brooklyn, N. Y.
STAGGARD auto radiators—Western Mechanical Wks., 520 W. Pico, Los Angeles, Cal.
STAHL MAGFIXER storage battery charging sets—Stahl Rectifier Co., 1401 W. Jackson blvd., Chicago, Ill.
STAHL'S steel grease cups—Stahl Mfg. Co., Minneapolis, Minn.
STAINES linoleum—Witcombe, McGeachin & Co., 22 W. 37th, New York
STALEY trench tampers—Lourie Mfg. Co., Springfield, Ill.
STALL & DEAN baseball bats, base balls, tennis shoes—Stall & Dean Mfg. Co., Brockton, Mass.
STAMFORD rubber substitutes—Stamford Rubber Supply Co., Stamford, Conn.
STANDARD absorbent cotton—Maplewood Mills, Fall River, Mass.
STANDARD A lithopone—New Jersey Zinc Co., 160 Front, New York
STANDARD artificial leather, wall coverings—L. C. Chase & Co., 89 Franklin, Boston, Mass.
STANDARD asphalt—Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
STANDARD asphalt fillers—Standard Oil Co., 910 S. Michigan av, Chicago, Ill.
STANDARD asphalt roofing & shingles—McHenry-Millhouse Mfg. Co., South Bend, Ind.
STANDARD attaching plugs & receptacles—General Electric Co., Schenectady, N. Y.
STANDARD automobile tool boxes—Standard Steel Box Co., Bridgeville, Pa.

STANDARD automobile trunk racks — Connecticut Steel & Wire Co., Hartford, Conn.
STANDARD automobile wheel pullers—Standard Auto Accessory Co., Leipsic, Ohio
STANDARD babbitt metal—Atkinson Co., Rochester, N. Y.
STANDARD ball bearing coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
STANDARD bar drop handle faucets—Standard Brass & Iron Works, 1820 St. Paul av., Milwaukee, Wis.
STANDARD battery motor fans, battery motors—Davis, Kendrick Co., Lebanon, N. H.
STANDARD belting—Empire Fire & Rubber Corp., East Trenton, N. J.
STANDARD belting—Quaker City Rubber Co., 629 Market, Phila., Pa.
STANDARD blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
STANDARD blue print paper—Frederick Post Co., 319 S Wabash av, Chicago, Ill.
STANDARD bolt cutting machines—Universal Machine Co., Bowling Green, Ohio
STANDARD boring & chucking machines — Bullard Machine Tool Co., Bridgeport, Conn.
STANDARD brazed steel tubing—Standard Steel Tube Co., Toledo, O.
STANDARD bridle rings — Diamond Expansion Bolt Co., 89 West, New York
STANDARD buggy aprons—Racine General Mfg. Co., Racine, Wis.
STANDARD car bells & gongs—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
STANDARD car coupler & steel platforms—Standard Coupler Co., 30 Church, New York
STANDARD car jacks, railway track drills—National-Standard Co., Box 211, Niles, Mich.
STANDARD carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.
STANDARD carpet nails—Milwaukee Tack Co., 27th & Wahl av., Milwaukee, Wis.
STANDARD carriage axles—Lee & Porter, Buchanan, Mich.
STANDARD cement—Standard Portland Cement Co., Charleston, S. Car.
STANDARD cement mfrs.—Standard Portland Cement Corp., Crocker bldg., San Francisco, Cal.
STANDARD chucking machines—Bullard Machine Tool Co., Bridgeport, Conn.
STANDARD churns—Standard Churn Co., Wapakoneta, Ohio
STANDARD cigarette machinery, tobacco stemming machines—American Machine & Foundry Co., 5520 2nd av., Brooklyn, N. Y.
STANDARD circular saw mills—Lyon Iron Works, Greene, N. Y.
STANDARD cold process galvanizing—Galvanizing Corp. of America, Inc., 252 Eagle, Brooklyn, N. Y.
STANDARD concrete finishing tools—Standard Tool & Mfg. Co., Indianapolis, Ind.
STANDARD conduit hangers—Yonkers Specialty Co., Yonkers, N. Y.
STANDARD corn harvesters, potato diggers—Ohio Rake Co., Dayton, Ohio
STANDARD corn huskers & wood tanks—U. S. Wind Engine & Pump Co., Batavia, Ill.
STANDARD corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
STANDARD cotton rope—Anniston Cordage Co., Anniston, Ala.
STANDARD countershafts & emery tool grinders—Diamond Machine Co., Providence, R. I.
STANDARD crayons—Standard Crayon Mfg. Co., Danvers, Mass.
STANDARD cream separators—Blanke Mfg. & Supply Co., 3rd & Washington av, St. Louis, Mo.
STANDARD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
STANDARD drop presses—Standard Machinery Co., Providence, R. I.
STANDARD dry batteries—J. H. Bunnell & Co., 32 Park pl., New York
STANDARD electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.
STANDARD envelope sealing machines—Standard Envelope Sealer Mfg. Co., Somerville, Mass.
STANDARD exhaust heads—Burt Mfg. Co., 40 Main, Akron, Ohio
STANDARD farriers' hammers—Champion Tool Co., Meadville, Pa.
STANDARD feed carriers, hay rack clamps—Louden Machinery Co., Fairfield, Ia.
STANDARD feed water heaters—Frost Mfg. Co., Galesburg, Ill.
STANDARD feed water heaters—Patterson-Kelley Co., Church & Cortland, New York.
STANDARD fire alarms, electric, secondary electric, self-winding, synchronized, & tower clocks, & factory signals—Standard Electric Time Co., Springfield, Mass.
STANDARD fire door fittings—Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.
STANDARD fire extinguishers—M. L. Snyder & Son, 223 Church, Philadelphia, Pa.
Standard fire silica brick—Standard Refractories Co., Claysburg, Pa.
STANDARD fire silica brick—Standard Refractories Co., Claysburg, Pa.
STANDARD fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
STANDARD flour sieves—Parker Wire Goods Co., Worcester, Mass.
STANDARD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
STANDARD flush receptacles, flush plugs—Arrow Electric Co., Hartford, Conn.
STANDARD friction clutch pulleys, machine molded gears—Detroit Standard Gear Co., Detroit, Mich.
STANDARD friction clutch pulleys—Erie Clutch & Pulley Co., Erie, Pa.
STANDARD garbage receivers—C. H. Stephenson, Lynn, Mass.
STANDARD garden rakes & post hole augers—Specialty Device Co., 106 W. 3rd, Cincinnati, Ohio
STANDARD gas engines lubricating oils—Standard Oil Co. of Ohio, E. Ohio Gas bldg, Cleveland, Ohio
STANDARD gas radiators—American Stove Co., 827 Chouteau av, St. Louis, Mo.
STANDARD gasoline engines—Lennox Machine Co., Marshalltown, Iowa
STANDARD gate valves—Capitol Brass Works, 596 Franklin, Detroit, Mich.
STANDARD gear cutting machines, slotting machines, floor hinges—Standard Mfg. Co., Shelby, Ohio
STANDARD glass cutters—W. L. Barrett, Bristol, Conn.
STANDARD glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
STANDARD granulated raw bone compounds—Rogers & Hubbard Co., Middletown, Conn.
STANDARD gymnastic apparatus, metallic lockers, playground & gymnasium equipment—Narragansett Machine Co., Providence, R. I.
STANDARD hand milling machines—Standard Engineering Works, Pawtucket, R. I.
STANDARD hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
STANDARD hot air furnaces, steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
STANDARD hot air furnaces, steam heaters—Giblin & Co., Utica, N. Y.
STANDARD incandescent lamps—Safety Electric Co., 431H S Dearborn, Chicago, Ill.
STANDARD incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.
STANDARD insulating compounds & varnishes—Standard Varnish Works, 90 West, New York
STANDARD iron split pulleys—Dodge Sales & Engng. Co., Mishawaka, Ind.
STANDARD lantern slides, etc.—Standard Slide Corp., 209 W 48th, New York
STANDARD letter trays—Standard Wire Co., New Castle, Pa.
STANDARD lubricators—G. B. Essex Brass Co., 480 Franklin, Detroit, Mich.
STANDARD mail boxes—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
STANDARD manual training benches—A. L. Bemis, Worcester, Mass.
STANDARD metal polish—Standard Chemical Co., Houston, Texas.
STANDARD motor fuel saver—Motor Fuel Saver Corp., 50 Church, New York
STANDARD moving picture cameras—Bell & Howell Co., 1803 Larchmont av, Chicago, Ill.
STANDARD mower—Emerson-Brantingham Co., Rockford, Ill.
STANDARD natural gas burners—Standard Heating & Radiator Co., Penn & Babeau, Pittsburgh, Pa.
STANDARD oil rig irons—Union Tool Co., Torrance, Cal.
STANDARD oxide of zinc—New Jersey Zinc Co., 160 Front, New York
STANDARD packer cans—United States Can Co., Norwood, Cincinnati, Ohio.
STANDARD padlocks—Slaymaker Lock Co., Lancaster, Pa.
STANDARD pan cleaning & greasing machines—Gottschalk & Co., Reedsville, Pa.
STANDARD paper box machinery—Kingsbury & Davis Machine Co., Contoocook, N. H.
STANDARD paper cups—Wolf Bros., 330 N. 12th, Philadelphia, Pa.
STANDARD perforated wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.
STANDARD pig iron—Standard Iron Co., Nashville, Tenn.
STANDARD pipe wrenches—Oswego Tool Co., Oswego, N. Y.
STANDARD playing cards—Standard Playing Card Mfg. Co., 345 W. Austin av., Chicago, Ill.
STANDARD pneumatic tires—Standard Tire & Rubber Co., 104 Portland, Boston, Mass.
STANDARD portable lamp guards—McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
STANDARD portable ventilators—Standard Ventilator Co., Lewisburg, Pa.
STANDARD pruning shears—Smith, Seymour & Son, Oakville, Conn.
STANDARD pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
STANDARD railway track drills—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
STANDARD rifles—Standard Arms Mfg. Co., Church & F., Wilmington, Del.
STANDARD road drags—Galion Iron Works & Mfg. Co., Galion, Ohio
STANDARD road oils, wire rope coating & lubricant, gas engines—Standard Oil Co., 26 B'way, New York
STANDARD rock & ore crushers; cinder grinders; cement, coal & stone pulverizers, sand blast machines—Standard Equipment Co., 184 Church, New Haven, Conn.
STANDARD roll shells & solid weldless tires—Standard Steel Works Co., Morris bldg, Philadelphia, Pa.
STANDARD roof snow guards, perforated steel, wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.
STANDARD roofing—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
STANDARD rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.

STANDARD rubber gloves—Consumers Rubber Co., 829 Superior av, Cleveland, Ohio
STANDARD rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
STANDARD rural mail boxes—W. C. Hopson Co., Grand Rapids, Mich.
STANDARD rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
STANDARD sand screens—Jeffrey Mfg. Co., Columbus, Ohio
STANDARD sand sifters—Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, Ohio
STANDARD sash chains—Nicholas Zogg, 228 E. 144th, New York
STANDARD saw gauges—Kantslip Co., Freeport, Mich.
STANDARD saw gummers—Ajax Mfg. Co., N. S., Pittsburgh, Pa.
STANDARD screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
STANDARD sewer traps, floor drains, stop & waste cocks, water closets—Prier Brass Mfg. Co., Kansas City, Mo.
STANDARD sheet wheels—National Brass Mfg. Co., Rochester, N. Y.
STANDARD soldering flux—Grasselli Chemical Co., Guardian bldg, Cleveland, Ohio
STANDARD speedometers—Standard Thermometer Co., 65 Shirley, Boston, Mass.
STANDARD spiral riveted pipe—Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
STANDARD spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
STANDARD spring tooth harrows—Eureka Mower Co., 16 Hickory, Utica, N. Y.
STANDARD stave jointers—Wheland Co., Chattanooga, Tenn.
STANDARD steam superheaters—United Gas Improvement Co., Broad & Arch, Philadelphia, Pa.
STANDARD steam pipe casings—American District Steam Co., No. Tonawanda, N. Y.
STANDARD steam traps—Kieley & Mueller, 34 W. 13th, New York
STANDARD stearic acid—Emery Candle Co., 115 E 4th, Cincinnati, O.
STANDARD stove trimmings, stove trucks, cork pullers, mop sticks & holders, nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.
STANDARD stoves—Pittston Stove Co., Pittston, Pa.
STANDARD suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
STANDARD sugar cane mills—Southern Plow Co., Columbus, Ga.
STANDARD take-down squares—Southington Hardware Co., Southington, Conn.
STANDARD tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
STANDARD taper reamers—Brown & Sharpe Mfg. Co., Providence, R. I.
STANDARD 30% PARA covered wire—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
STANDARD time stamps—International Time Recording Co., Endicott, N. Y.
STANDARD tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.
STANDARD toe-calks—Franklin Steel Works, Joliet, Ill.
STANDARD tongue blades—E. B. Estes & Sons, 364 5th av, New York
STANDARD tool steel—Hammond Steel Co., Inc., Syracuse, N. Y.
STANDARD tool steel—Hawridge Bros. Co., 303 Congress, Boston, Mass.
STANDARD trolley harps & bases—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
STANDARD tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
STANDARD turpentine—Thomas Sealy, 138 Front, New York
STANDARD underfeed mechanical stokers—Under Feed Stoker Co. of Am., Book bldg, Detroit, Mich.
STANDARD valves—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.
STANDARD varnishes—Standard Varnish Works, 90 West, New York
STANDARD vises—Athol Mach. & Foundry Co., Athol, Mass.
STANDARD wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
STANDARD water bottle heaters—Meier Dental Mfg. Co., 3927 Olive, St. Louis, Mo.
STANDARD wood stains—Yarnall Paint Co., 1026 Race, Philadelphia, Pa.
STANDARD yarn conditioning machines—Alfred Suter, 200 5th av, New York
STANDARD AMERICAN drawing materials—Frederick Post Co., 319 S Wabash av, Chicago, Ill.
STANDARD-BAECHLE friction clutch pulleys—Standard Pulley Co., 1734 Power, Cincinnati, O.
STANDARD GIANT tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STANDARD WIELAND threading machines—Standard Engng. Co., Elwood City, Pa.
STANDARDIZED METAL CAGING (S. M. C.) for protecting steel structures—Mitchell Tappen Co., 15 John, New York.
STANDRY dry batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
STANDCO hollow set screws—Standard Pressed Steel Co., 20th & Indiana, Phila., Pa.
STANDOIL air drill hose—Hewitt Rubber Co., Buffalo, N. Y.
STANHOPE rubber packing—National India Rubber Co., Bristol, R. I.
STANLEY air pumps—Bridgeport Brass Co., Bridgeport, Conn.

STANLEY back band buckles & box strapping, hinges, garage door hardware—Stanley Works, New Britain, Conn.
STANLEY mops—Stanley H. Coffin, 12 Pearl, Boston, Mass
STANLEY rules & mitre boxes—Stanley Rule & Level Co., New Britain, Conn.
STANLEY, JR. hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
STANLEY PROCESS babbitt metal—United American Metals Corp. (Syracuse Smelting Works), 192 Diamond, Brookiyn, N. Y.
STANNUM babbitt metal—Lumen Bearing Co., 200 Lathropp, Buffalo, N. Y.
STANTON hot air furnaces—Stanton Heater Co., Martins Ferry, Ohio
STANVAR floor finish—Standard Varnish Works 2589 Richmond ter, Elm Park, N. Y.
STANWELD steel tubing—Standard Parts Co., Hickox bldg., Cleveland, O.
STANWELL canvas stitched belting—Fenwick-Reddaway Mfg. Co., Newark, N. J.
STANWOOD safety stair treads—American Mason Safety Tread Co., Lowell, Mass.
STA-ON laundry tags—Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.
STAONA roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
STAPLE BRAND saddlery hardware, steel & wood hames—Frazer & Jones Co., Syracuse, N. Y.
STAPLE rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
STAPLES bee-hive furniture polish—H. F. Staples & Co., Medford, Mass.
STAR A. H. binder twine—Hooven & Allison Co., Xenia, Ohio
STAR babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
STAR bale buckles—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio
STAR ball retainers, bearings—Bearings Co. of America, Lancaster, Pa.
STAR barn door hangers & latches, cattle stanchions, coaster wagons, hay, feed & merchandise carriers, hay slings & pulleys, rope hoists, screen door pulls, windmill regulators, wire stretchers, tank heaters, corn shock compressors, anvil, shoveling boards, hay carrier trucks—Hunt, Helm, Ferris & Co., Harvard, Ill.
STAR basin clamps—Trenton Brass & Machine Co., Trenton, N. J.
STAR basin clamps—Wolverine Brass Works, Grand Rapids, Mich.
STAR bath room fixtures—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
STAR belt dressing—Chesapeake Belting Co., 823 McKim, Baltimore, Md.
STAR belt dressing—Graton & Knight Mfg. Co., Worcester, Mass.
STAR BRAND belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
STAR belt lacing—Columbia Novelty Co., 1431 N. 8th, St. Louis, Mo.
STAR bicycle pedals—Torrington Co., The Standard Plant, Torrington, Conn.
STAR blotting paper—Richmond Paper Co., Richmond, Va.
STAR boiler compounds—Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
STAR boiler compounds—National Mill Supply Co., Fort Wayne, Ind.
STAR broom holders, rotary flour sieves—Parker Wire Goods Co., Worcester, Mass.
STAR broom holders, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
STAR bucket pumps—Star Bucket Pump Co., 1218 15th, St. Louis, Mo.
STAR butchers' knives—Goodell Co., Antrim, N. H.
STAR calking cotton & sash cords—Estes Mills, Fall River, Mass.
STAR can openers, tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STAR carriage bows, carriage rims, singletrees—Crane & MacMahon, 10 Bridge, New York.
STAR carriage & wagon wheels—P. Lebzelter & Son Co., Lancaster, Pa.
STAR chain hoists, rope sheaves—Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
Star chisel grinders—Star Specialty Mfg. Co., 227-233 W Erie, Chicago, Ill.
STAR churns—J. McDermaid, Rockford, Ill.
STAR clothes line reels—Feeney Mfg. Co., Muncie, Ind.
STAR clothes washing machines—C. E. Ross, Lincoln, Ill.
STAR cobblers' outfits, heel plates, shoe blacking, foot rests, lasts & stands—Louis Sacks, Inc., Wilson av, Newark, N. J.
STAR cocks, car lamps, lubricators, engine indicators, valves, marine clocks, revolution counters, pantographs, whistles, test pumps, water columns, gauges—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
STAR conduit & lead pipe benders—Hub Elec. Co., 2219 W Grand av, Chicago, Ill.
STAR copper & bronze sheets, tubes, rods, wire, rivets, nails, tacks, etc.—U. T. Hungerford Brass & Copper Co., 80 Lafayette, New York
STAR copying paper, onion skin paper, silver tissue paper—C. H. Dexter & Sons, Windsor Locks, Conn.
STAR cork board insulation & cork brick—United Cork Cos., 50 Church, New York
STAR corn planters—J. H. Albright & Sons, Mifflinsburg, Pa.
STAR corn poppers—G. S. Ressler & Son, Lansing, Mich.

STAR corn shellers, hog troughs, stock fountains, stove pipe dampers, tailors' sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
STAR disc harrows—Ohio Cultivators Co., Bellevue, Ohio.
STAR disc harrows—Parlin & Orendorff Co., Canton, Ill.
STAR disc harrows—Wiard Plow Co., Batavia, N. Y.
STAR engine lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
STAR expansion bolts, anchor bolts, toggle bolts, bridle rings, cable supporting clamps, extension drills, pipe hangers—Star Expansion Bolt Co., 145 Cedar, New York
STAR farm tractors—Star Tractor Co., Findlay, Ohio
STAR feed cutters—Gowanda Agricultural Works, Gowanda, N. Y.
STAR foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
STAR force pumps—Blymyer Iron Works Co., Cincinnati, Ohio
STAR friction clutches, safety cut-off couplings—C. G. Westlund Co., 498 Millbury, Worcester, Mass.
STAR gas engines—Star Mfg. Co., New Lexington, Ohio
STAR gas igniters—Hercules Electric Co., Indianapolis, Ind.
STAR gas & oil stoves—I. Block & Son, 393 Pearl, New York
STAR hack saw blades & frames, hack saw machines, kitchen & jewelers' saws, mitre boxes, scroll saws—Millers Falls Co., 28 Warren, New York
STAR hickory handles—Hartwell Handle Co., Harvey, Ill.
STAR hopper valves—Crampton-Farley Brass Co., Kansas City, Mo.
STAR horse collar pads—Zinc Collar Pad Co., Buchanan, Mich.
STAR hot water heaters—Star Heating Co., Norwalk, Ohio
STAR incandescent gas burners—Unique Art Glass & Metal Co., 105 Vandeveer, Brooklyn, N. Y.
STAR knife switches—Barkelew Elec. Mfg. Co., Middletown, Ohio
STAR lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
STAR locknut bushings & electric fixture studs—Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
STAR lubricators, gate valves—Wm. Powell Co., Cincinnati, Ohio
STAR lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
STAR machinists vise—Boker Cutlery & Hardware Co., 101 Duane, New York
STAR miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
STAR miners' lamps—Grier Bros. Co., 124 3rd av, Pittsburgh, Pa.
STAR mitre boxes—Millers Falls Co., Millers Falls, Mass.
STAR mitre boxes, picture frame machinery—Rockford Mitre Box Co., Rockford, Ill.
STAR oil cups—Swift Lubricator Co., Elmira, N. Y.
STAR padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.
STAR paper fasteners—Waterbury Brass Goods Corp., Waterbury, Conn.
STAR phosphor copper & tin—Richards & Co., Inc., 192 Beverly, Boston, Mass.
STAR pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.
STAR plow coulters—Star Coulter Co., Canton, Ohio
STAR plows—Wm. H. Clore Mfg. Co., Washington, Ind.
STAR post hole augers—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
STAR potato diggers—D. H. DeShay, Elysburg, Pa.
STAR potato sprayers—Lawrence-Bostwick Mfg. Co., Phelps, N. Y.
STAR radiator shields—J. Rutherford & Son, Akron, Ohio
STAR range boilers—Detroit Range Boiler & Steel Barrel Co., 619 24th, Detroit, Mich.
STAR rat traps—Lovell Mfg. Co., Erie, Pa.
STAR reclaimed rubber—Manufactured Rubber Co., Franklin Bk. bldg., Phila., Pa.
STAR roof flanges, soil pipe testing plugs—H. E. Hessler Co., Syracuse, N. Y.
STAR BRAND round belting & belt cements—F. Raniville Co., Grand Rapids, Mich.
STAR rubber buckets—Henry C. Freshour, Bridgeport, Conn.
STAR sad irons—W. H. Howell Co., Geneva, Ill.
STAR safety razors—Kampfe Bros., 8 Reade, New York
STAR sash locks—W. & E. T. Fitch Co., New Haven, Conn.
STAR saw sets—Hy. Disston & Sons, Tacony, Philadelphia, Pa.
STAR screw drivers—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
STAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
STAR sewing machine oilers—Hero Mfg. Co., Westmoreland av & Stokley, Philadelphia, Pa.
STAR shade cloth—Columbia Mills, Inc., 225 5th av, New York
STAR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
STAR sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
STAR soil pipe testing plugs—H. E. Hessler, Syracuse, N. Y.
STAR soldering stick & paste—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
STAR spelter—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
STAR spiral springs—Columbian Hardware Co., Cleveland, Ohio
STAR spring tooth harrows—Gale Mfg. Co., Albion, Mich.
STAR steak pounders—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
STAR steam heaters, water tube boilers—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
STAR steel figures & letters—Fred H. Keene, 152 Chambers, New York
STAR steel tanks & towers & windmills—Flint & Walling Mfg. Co., Kendallville, Ind.
STAR step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
STAR step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
STAR step ladders—Union Blind & Ladder Co., Oakland, Cal.
STAR stove pipe thimbles—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
STAR stove pokers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
STAR stoves—Bellaire Stove Co., Bellaire, Ohio
STAR switch stands—Pettibone, Mulliken & Co., Marquette bldg., Chicago, Ill.
STAR tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
STAR tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
Star tinners' snips—Acme Shear Co., Bridgeport, Conn.
STAR tire upsetters—Champion Blower & Forge Co., Lancaster, Pa.
STAR tobacco cutters—Griswold Mfg. Co., Erie, Pa.
STAR typewriter ribbons—F. S. Webster Co., 340 Congregational, Boston, Mass.
STAR ventilators—Merchant & Evans Co., Washington av & 21st, Philadelphia, Pa.
STAR wall plaster—New Albany Wall Plaster Co., New Albany, Ind.
STAR water filters—Wm. Welsh, 2733 Arbor av, Hyde Park, Cincinnati, Ohio
STAR weatherproof wire—American Electrical Works, Phillipsdale, R. I.
STAR white metal compositions—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
STAR wood faucets—John Sommer Faucet Co., 30 Morris, Newark, N. J.
STAR-CLEAN carriage top dressing—Alder Chemical Co., Mount Vernon, N. Y.
STAR COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan av, Newark, N. J.
STAR 91 steel handle wrenches—Coes Wrench Co., Worcester, Mass.
STAR DUPLEX locomotive lubricators—Wm. Powell Co., Cincinnati, Ohio
STAR OAK stoves—Fox Furnace Co., Elyria, Ohio
STAR-PEERLESS flour bin & sifter—Iddings Co., Warren, Ohio
STAR POST caps & bases, Castle A. M. & Co., 715 N Morgan, Dept. H, Chicago, Ill.
STARALINE metal Polish—Rath Mfg. Co., Headley & Richmond, Philadelphia, Pa.
STARBUCK pipe bending springs, pipe nipple holders—R. M. Starbuck & Sons, Hartford, Conn.
STARCO cable grease—Star Lubricating Oil Co., 8714 B'way, S. E., Cleveland, Ohio
STARCO MIST furniture polish—Star Lubricating Oil Co., 8714 B'way, S. E., Cleveland, Ohio
STA-RITE automobile lighting, battery, pull & push switches—Frank W. Morse, 289 Congress, Boston, Mass.
STAR-ITE varnish—Adams & Elting Co., 726 Washington, Chicago, Ill.
STARK car couplers—Stark Car Coupler Corp., Strasburg, Va.
STARK lathes, milling machines, damasking machines, pinion polishing machines, reamer grinders—Stark Tool Co., Waltham, Mass.
STAR QUICK SHIFT steel anti-rattlers—Evans & Coppins Co., Princeton, Ill.
STARR automobile tire holders—Starr Bros. Bell Co., East Hampton, Conn.
STARRETT vises—Athol Mach. & Foundry Co., Athol, Mass.
STARRETT'S fine tools—L. S. Starrett Co., 212 Vine, Philadelphia, Pa.
STARRETT'S IMPROVED machinists' vises—Athol Mach. & Foundry Co., Athol, Mass.
STAR SPECIAL PLANER round belting—F. Raniville Co., Grand Rapids, Mich.
STASHARP clutch pencils—Salz Bros., 71H W 35th, New York.
STATESMAN bath tub enamels, dust absorbing floor oils, radiator enamels, copper paints—Chas. H. Brown Paint Co., 262 Fulton, Brooklyn, N. Y.
STA-THERE battery connectors—Manhattan Electrical Supply Co., 17 Park pl, New York
STA-TITE piston rings—Sta-Tite Packing Ring Co., 3049 Olive, St. Louis, Mo.
STATUS OIL HARDENING non-shrinkable tool steel for delicate dies—Hammond Steel Co., Inc., Syracuse, N. Y.
STAUFFER grease cups—McNab & Harlin Mfg. Co., 55 John, New York
STAWANA gang plows—Racine-Sattley Co., Springfield, Ill.
STA-WHITE mill white paints—Detroit Graphite Co., 10-12th, Detroit, Mich.
STAY-IN flue stops—Peoria Can Co., Peoria, Ill.
STAYON barn door hangers—F. E. Myers & Bro., Ashland, Ohio
STAY ON feed carriers—Automatic Carrier Co., Juneau, Wis.
STAY ON horse blankets—Burlington Blanket Co., Burlington, Wis.
STAY THERE fire & waterproof paints—Hardie Mfg. Co., Hudson, Mich.

STEADFAST roofing composition & felts—Flintkote Co., 88 Pearl, Boston, Mass.
STEAMIX water heater—W. N. Matthews & Bro., Inc., 2922 Easton av, St. Louis, Mo.
STEARNS hollow augers—Buckeye Mfg. & Foundry Co., 2046 W. 55th, Cleveland, Ohio
STEARNS lawn mowers, lawn sprinklers, molders' flasks, hog ringers, blacksmiths' tongs, vises, bone mills & hollow augers, saw sets, mitre boxes, door & sash clamps—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
STEBBINS molasses gates—Taylor & Boggis Foundry Co., Cleveland, Ohio
STEBBINS molasses gates—Weller Hardware & Foundry Co., Horsehead, N. Y.
STEBBINS pyrites & sulphur burners—Stebbins Engineering & Mfg. Co., Watertown, N. Y.
STEEL-AGE medicine cabinets—Corry Metal Products Co., Corry, Pa.
STEEL ALLOY school, farm, church & alarm bells—C. S. Bell Co., Hillsboro, Ohio
STEEL bond sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.
STEEL CITY junction boxes & conduit bushing adapters—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
STEEL GIANT equalizers—E. B. Adams & Son, Racine, Wis.
STEEL GRIP sand blasting gloves—Hickory Steel Grip Glove Co., 2640 N. Maplewood av, Chicago, Ill.
STEEL KING bottom dump wagons—F. MacKinnon Mfg. Co., Grand Rapids, Wis.
STEEL KING concrete mixers—American Cement Machine Co., Keokuk, Ia.
STEEL KING cultivators—Donaldson Bros., Mt. Clemens, Mich.
STEEL KING self dumping rakes—Messinger Mfg. Co., Tatamy, Pa.
STEEL KING tractors—Hart-Parr Co., Charles City, Ia.
STEEL STATE padlocks—Slaymaker Lock Co., Lancaster, Pa.
STEEL TUBULAR sprue cutters—Adams Co., Dubuque, Iowa
STEEL-EYE filing envelopes—Geo. B. Groff Co., 294 Washington, Boston, Mass.
STEELBOUND cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
STEELCOTE asphalt roofing—A. H. White Co. Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.
STEELCRETE expanded metal lath, plasters, steel corner beads—Consolidated Expanded Metal Co.'s, Braddock, Pa.
STEELE grate bars—Salamander Grate Bar Co., 126 Liberty, New York
STEELE HARVEY annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, turning & welding furnaces—Monarch Engineering & Mfg. Co., American Bldg., Baltimore, Md.
STEELEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.
STEELMARK crayons—Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.
STEEL MIXTURE brick—McLeod & Henry Co., 360 1st, Troy, N. Y.
STEEL PRESSURE exhaust fans—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
STEEL RIBBON locking bar spacer—Steel & Iron Products Co., 1911 Emerson av, Chicago, Ill.
STEEL'S grate bars—Richard Thompson & Co., 146H Liberty, New York
STEER BRAND leather belting—Joseph Meier's Sons, 306 Market, Newark, N. J.
STEER'S PATENT expansive bits—C. E. Jennings & Co., 71 Murray, New York.
STEFCO ready built sectional steel buildings—Steel Fabricating Corp., McCormick bldg, Chicago, Ill.
STEFCO sectional steel buildings—Fort Pitt Steel & Iron Works, 802H Fulton bldg, Pittsburgh, Pa.
STEIN exhaust heads—John J. Stein, 30 Clay, Brooklyn, N. Y.
STEINBRUNN boring bars—Diamond Specialty & Supply Co., 1225 Arch, Phila., Pa., Dept. H.
STEINER electric coffee mills, motor-driven washing machines—Steiner Mfg. Co., 4100 N. 21st, St. Louis, Mo
STEINFELD meat & food choppers, sleds & steering coasters, ironing boards—Steinfeld Bros., 116 W. 32nd, New York
STEINFELD window screens—Geneva Mfg. Co., Geneva, Ill.
STEINLE turret lathes—Steinle Turret Machine Co., Madison, Wis.
STEINMETZ steam traps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
STEIN'S exhaust heads—G. Irving Abendroth Co., 10 E. 43d, New York
STEITZ potato sprayers—Stevens Mfg. & Foundry Co., Decatur, Ill.
STELLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
STEMPAK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
STEM-TITE packing—Metric Packing Co., Buffalo, N. Y.
STENGEL bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
STENMAN automobile engine valve grinders—Stenman Electric Valve Grinding Co., Inc., 42 Southbridge, Worcester, Mass.
STENOTYPE shorthand typewriters—Stenotype Co., Indianapolis, Ind.
STEPHAN belt dressing—Desmond-Stephan Mfg. Co., Urbana, Ohio
STEPHENS-linemen's climbers—W. H. Buckingham, Binghamton, N. Y.
STEPHEN'S machinists vises—Yost Mfg. Co., Meadville, Pa.
STEPHENS ratchet wrenches—Burgess-Norton Mfg. Co., Geneva, Ill.
STEPHENSON BAR belt dressing—Stephenson Mfg. Co., Albany, N. Y.
STEPHENSON cans, bathroom fixtures, dry earth closets, tumbler holders, pumping outfits—C. F. Stephenson, Lynn, Mass.
STEPHENSON rope dressing—Stephenson Mfg. Co., Albany, N. Y.
STERBON emery wheels—Sterling Grinding Wheel Co., Tiffin, Ohio
STERLING air economizers, air reheaters—Sterling Equipment Co., 139 N. Clark, Chicago, Ill.
STERLING automobile springs—Sterling Spring Co., 2148 Scranton rd, Cleveland, Ohio
STERLING barn door hangers—Lawrence Bros., Sterling, Ill.
STERLING barrows, column clamps, carts, trucks, molders' flasks, sprue boxes, steel wheel & foundry trucks—Sterling Wheelbarrow Co., Milwaukee, Wis.
STERLING battery meters—Sterling Mfg. Co., Blackstone bldg, W. 3d, Cleveland, Ohio
STERLING belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
STERLING blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
STERLING borax, boric acid—Thorkilsden-Mather Co., 111 W. Monroe, Chicago, Ill.
STERLING carpet sweepers—Metal Stampings Corp., Streator, Ill.
STERLING coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
STERLING core oils, core oil compounds—Sterling Oil Co., Emlenton, Pa.
STERLING corn & cob mills, clod crushers, fertilizer distributors, seeders & sowers, potato diggers—Sterling Mfg. Co., Sterling, Ill.
STERLING corrugated metal culverts—Galion Iron Works & Mfg. Co., Galion, Ohio
STERLING cotton duck, tents, tarpaulins, wagon covers, etc.—Textile Products Mfg. Co., Park av & Dolman, St. Louis, Mo.
STERLING cotton hose—Mechanical Rubber Co., 73 Reade, New York
STERLING electric car brakes—Lord Mfg. Co., 105 W 40th, New York
STERLING emery & corundum wheels—Sterling Grinding Wheel Co., Tiffin, Ohio
STERLING emery wheel dressers—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.
STERLING exhaust heads, blast gates, furnace feeders, ball joints, propeller fans, blowers, dust collectors & separators, etc., ventilators—Sterling Blower Co., Hartford, Conn.
STERLING family funnels, fry pans, milk dippers—Central Stamping Co., 172 Fulton, New York
STERLING farm wagons—Abingdon Wagon Co., Abingdon, Ill.
STERLING fountain pens—Davidson Rubber Co., Boston, Mass.
STERLING garden hose reels—Cardington Cabinet Co., Cardington, Ohio
STERLING grain car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
STERLING grindstones—Cleveland Stone Co., 1836 Euclid av, Cleveland, Ohio
STERLING hack saw blades & frames, hack saw machines—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.
STERLING harness snaps—Covert Mfg. Co., Troy, N. Y.
STERLING hay carriers, sickel grinders—Whittaker Mfg. Co., 409 S. Green, Chicago, Ill.
STERLING hot air furnaces, coal & gas combination ranges—Sill Stove Works, Rochester, N. Y.
STERLING ice & refrigerating machinery—United Iron Wks., Inc., Kansas City, Mo.
STERLING incandescent electric lamps—Sterling Electric Lamp Works of G. E. Co., Warren, Ohio
STERLING ink erasers—Turner Bros., 1022 Arch, Phila., Pa.
STERLING lampwicks—Estes Mills, Fall River, Mass.
STERLING lawn mowers—American Lawn Mower Co., Muncie, Ind.
STERLING levels, transits & engineering instruments—Warren Knight Co., 136 N 12th, Phila., Pa.
STERLING meat & food choppers, slicing machines—N. R. Streeter & Co., Rochester, N. Y.
STERLING oil engines, pumping jacks—Charter Gas Engine Co., Sterling, Ill.
STERLING oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
STERLING oil & grease cups—Sterling Machine & Stamping Co., Wellington, Ohio
STERLING oxide of zinc—New Jersey Zinc Co., 160 Front, New York
STERLING packing—A. W. Chesterton Co., 64 India, Boston, Mass.
STERLING packing—Empire Tire & Rubber Corp., Trenton, N. J
STERLING printing presses—Printing Machinery Co., 3d & Lock, Cincinnati, Ohio
STERLING propeller wheels—Sterling Engine Co., Buffalo, N. Y.
STERLING rail saws—Diamond Saw & Stamping Works, Buffalo, N. Y.
STERLING razor stroppers—Samuel Kanner, 556 Broadway, New York
STERLING round cornering machines—Southworth Machine Co., Portland, Me.
STERLING rubber covered wire—Standard Underground Cable Co., Pittsburgh, Pa.
STERLING rubber tires, tubes & horse shoe pads—Sterling Tire Corp., Rutherford, N. J.

STERLING silver polish—Miller Bros. & Co., 894 Broadway, New York
STERLING steam traps—Templeton Mfg. Co., Dept. H, Hyde Park, Mass.
STERLING tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STERLING tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
STERLING thresher—International Harvester Co. of America, Inc., Harvester bldg, Chicago, Ill.
STERLING typewriter ribbons—E. A. Brecher & Co., 119 Lafayette, New York
STERLING universal joints—Bearings Co. of America, Lancaster, Pa.
STERLING vacuum cleaners—Sterling Vacuum Cleaner Co., Worcester, Mass.
STERLING valve re-seating machines—Adam A. Long, Rochester, N. Y.
STERLING veneered doors—Roddis Lumber & Veneer Co., Marshfield, Wis.
STERLING water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
STERLING water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
STERLING wrenches, slip joint pliers—Frank Mossberg Co., Attleboro, Mass.
STERLING NO-RIVET damper clips—Meister & Cochran, Sterling, Ill.
STERLING NO-RIVET damper clips, step ladder stools—Sterling Foundry Co., Sterling, Ill.
STERLINGWORTH brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
STERLITH emery & corundum wheels—Sterling Grinding Wheel Co., Tiffin, Ohio
STERNOID molded insulation—International Insulating Corp., 25 W. 45th, New York
STERNO-CONDENSITE moulded insulation—International Insulating Corp., 25 W. 45th, New York
STETSON chair tips—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
STETTINER'S cement—H. Marquardt & Co., 35 S. William, New York
STEUBEN decorated glassware—Corning Glass Works, Corning, N. Y.
STEUBEN step ladders—W. W. Babcock Co., Bath, N. Y.
STEVENS can filling machines—Ayars Machine Co., Salem, N. J.
STEVENS fertilizer distributors, seeders & sowers—Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
STEVENS mine cages, mine ventilating fans—Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
STEVENS potato planters—Stevens Mfg. & Foundry Co., Decatur, Ill.
STEVENS' water level recorders continuous—Lenpold, Voelpel & Co., 107 E 70th st, Portland, Oregon
STEVENS' KING can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
STEVENSON multiple gear shaper—Stevenson Gear Co., 942 Daly, Indianapolis, Ind.
STEWART bumpers indicators & speedometers—Stewart-Warner Speedometer Corp., 1826 Diversey P'kway, Chicago, Ill.
STEWART butter printing & cutting machines—American Butter Cutting Machine Co., Elmsford, N. Y.
STEWART carbureters—Detroit Lubricator Co., 1178 Trumbull av, Detroit, Mich.
STEWART core compounds—Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
STEWART furnaces & forges—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART gas ranges & laundry stoves—Fuller & Warren Co., Troy, N. Y.
STEWART grooming machines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART hot air furnaces, stoves, gas ranges—Fuller-Warren Co., 32nd & Wright, Milwaukee, Wis.
STEWART horse & cow clipping machines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART LITTLE MAJOR gasoline engines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART LITTLE WONDER gasoline engines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART melting furnaces, sheep clipping machines & gas blast forges—Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
STEWART safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.
STEWART sheep shearing machines—Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
STEWART tailors' gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
STEWART'S talking machines—Stewart Phonograph Corp., 4535 Fullerton, Chicago, Ill.
STEWART V. RAY searchlights—Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
STICKERS cement coated wire nails—Middleton Nail Works, 911H Callowhill, Phila., Pa.
STICKLE feed water heaters & purifiers, steam traps, vacuum valves—Open Coil Heater & Purifier Co., Indianapolis, Ind.
STICK-TITE bow separators—Iroquois Auto Top Co., Utica, N. Y.
STICK-TO iron & steel cements—A. Wilhelm Co., Reading, Pa.
STIKEMAN metallic library shelving—Geo. Stikeman, 114 W. 32nd, New York
STILES toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
STILLBECH hydraulic valves & unions—New York Brass Foundry Co., 403 Broome, New York
STILLMAN-CARMICHAEL damper regulators—Stillman-Carmichael Co., 19 Pearl, Boston, Mass.
STILLSON pipe vises—Parmelee Tool Co., 2515 W. Monroe, Chicago, Ill.
STILLSON pipe wrenches—Oswego Tool Co., Oswego, N. Y.
STILLSON pipe wrenches—Greenfield Tap & Die Corp., Boston, Mass.
STILLSON pipe wrenches—F. E. Wells & Son Co., Greenfield, Mass.
STILLWELL feed water heaters—Platt Iron Works Co., Dayton, Ohio
STIMPSON scales—Stimpson Scale & Electric Co., Northville, Mich.
STIMPSON'S dovetail machines—Goodspeed Machine Co., Winchendon, Mass.
STINE screw holes—Stine Screw Holes Co., Waterbury, Conn.
STIRLING water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
STITT spark plugs—Stitt Ignition Co., 16 E First, Columbus, O.
STOCKTON gang plows—H. C. Shaw Co., Stockton, Cal.
STOCO safety goggles—Standard Optical Co., Geneva, N. Y.
STODDARD tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
STOEVER pipe threading & cutting-off machines—Treadwell Engng. Co., Easton, Pa.
STOKES carbureter—Nelson Tool Co., Inc., 782 E. 142nd, New York
STOKES dual carburetor—Stokes Carburetor Co., Inc., 386 E. 133rd, New York
STOKES hospital stretchers—Kny-Scheerer Co., 404 W. 27th, New York
STONE shock absorbers—Universal Rim Co., 140 S. Dearborn av, Chicago, Ill.
STONE wool dryers—James Hunter Machine Co., N. Adams, Mass.
STONEBRIDGE non-drip registering candle savers—C. H. Stonebridge Mfg. Co., 23 Warren, New York
STONEMETZ printing press—Challenge Machinery Co., Grand Haven, Mich.
STONEWALL cook stove—B. C. Bigg Stove Co., 109 Light, Baltimore, Md.
STONEWALL cotton plows—S. R. White's Sons, Norfolk, Va.
STONORE rubber belting—New York Rubber Co., Reade & Church, New York
STOPA LEAK pipe joint cements—W. T. Baker, 224 Suydam av, Jersey City, N. J.
STOPEHAMMER pneumatic drills—Ingersoll-Rand Co., 11 B'way, New York
STOP LEAK roofing cements & paint—Jones Paint Co., Rome, N. Y.
STORIE brass valves—Scully Iron & Steel Co., 2554 S. Ashland av, Chicago, Ill.
STORM KING door hangers—Safety Door Hanger Co., Ashland, Ohio
STORM KING hot air furnaces—Roberts-Hamilton Co., Minneapolis, Minn.
STORM KING hot air furnaces—Union Stove Works, 70 Beekman, New York
STORMPROOF barn door hangers—National Mfg. Co., Sterling, Ill.
STORM PROOF ventilators—General Sheet Metal Wks., 120 Silliman av, Bridgeport, Conn.
STORMTIGHT asphalt fibre roofing—L. Sonneborn Sons, 262 Pearl, New York
STORMTITE damp resisting concrete paints—Storm Waterproofing Corp, 417 5th av, New York
STOVE JUMBO gas burners—Am. Lava Corp., Chattanooga, Tenn.
STOVER bone mills & gasoline engines—Stover Mfg. & Engine Co., Freeport, Ill.
STOWE paint spraing & sand blast machines—Bradsto Appliances, Inc., 65 Maine, Buffalo, N. Y.
STOWELL car door hangers & hay fork pulleys—Stowell Co., So. Milwaukee, Wis.
STOWELL rift flooring machines—Filer & Stowell Co., Milwaukee, Wis
STOW'S patent stove brick—Silas J. Stow, New Haven, Conn.
STRAIGHT PUSH sash operating device & ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
STRAIGHTLINE electric bells—P R Mfg. Co., Detroit, Mich.
STRAIT'S tractors—Killen-Strait Mfg. Co., Appleton, Wis.
STRAND flexible shafts—R. G. Haskins, 547 W. Washington blvd, Chicago, Ill.
STRAND gas heaters—Strand Heater & Mfg. Co., 7804 Wade Park, Cleveland, Ohio
STRATFORD silent syphon jet water closets—Central Metal & Supply Co., 611 E Lombard, Baltimore, Md.
STRATTON steam & air separators—Griscom-Russell Co., 92 West, New York
STRATTON JR. oil separators—Griscom Russell Co., 92 West, New York
STRATTON LEVEL CO. levels—Goodell-Pratt Co., Greenfield, Mass.
STRAUSS DIAMOND EYE ice skates—J. E. Strauss, St. Paul, Minn.
STREATOR carpet sweepers—Metal Stamping Corp., Streator, Ill.
STREET locomotive stokers—Locomotive Stoker Co., 30 General Robinson, Pittsburgh, Pa.
STREETER blind fasteners—Parker Wire Goods Co., Worcester, Mass.
STREETER'S can openers—N. R. Streeter & Co., Rochester, N. Y.
"STREETERS" steel clips—Streeter Clip & Specialty Co., 4127 E. Ravenswood av, Chicago, Ill.

STREETER'S steel window frame—Streeter Clip & Specialty Co., 4101 Ravenswood av, Chicago, Ill.
STREICH farm wagons—A. Streich & Bro. Co., Oshkosh, Wis.
STRENGTH & WEAR babbitt metal, loading chains, logging tools & tool steel—Woodward, Wight & Co., Dept. H, Howard av & Constance, New Orleans, La.
STRICKLER door hangers, feed carriers, grapple forks, hay slings, hay carriers—Strickler Hay Tool Co., Janesville, Wis.
STRIET pulley turning lathes—Avey Drilling Machine Co., Covington, Ky.
STROM clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
STROMBERG carbureters—Stromberg Motor Devices Co., 64 E 25th, Chicago, Ill.
STRONG diamond holders—Montgomery & Co., 105 Fulton, New York
STRONG pump governors, steam separators, steam traps, engine stops, pressure regulators, valves—Strong, Carlisle & Hammond, 336 Frankfort av, N. W., Cleveland, Ohio
STRONG'S packing, packing hooks, gaskets, lubricating oils & greases, rubber valves—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S AQUAPROOF hydraulic packing—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S BEST packing flax—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S EXCELSIOR packing sticks—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S E-Z-E-E lubricating oils & greases—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S I. O. P. valve discs—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S SPECIALTY chisels—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S TISAFINE belting, packing, machine wipers—Strong Machinery & Supply Co., 292-294 Church, New York
STRONG'S VERI BEST ring & spiral packing—Strong Machy. & Supply Co., 292-294 Church, New York
STRONG UTILITY flange wrenches—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
STRONGHOLD rubber tires & inner automobile tubes —Rubber Products Co., Barberton, Ohio
STROUD plows, wagons, road levelers—Stroud & Co., Omaha, Nebr.
STRUCTO toys—Structo Mfg. Co., Freeport, Ill.
STRUTHERS pig iron—Struthers Furnace Co., Citizens' bldg, Cleveland, Ohio
STUART shovels—Wood Shovel & Tool Co., The, Piqua, O.
STUART two pressure operating valves—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
STUBBS gasoline burners—Incandescent Light & Stove Co., Madisonville, Cincinnati, Ohio
STUBBS reels—Wm. Firth, 200 Devonshire, Boston, Mass.
STUBBS road scrapers—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
STUCKI side bearings—A. Stucki, Oliver bldg, Pittsburgh, Pa.
STUCKOTE waterproofing materials—National Roofing Co., Tonawanda, N. Y.
STUCOLOR paints—Glidden Co., Madison av & Berea rd, Cleveland, Ohio
STUDEBAKER wagons—Studebaker Corp., South Bend, Ind.
STUHL oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
STUNNER peanut roasters—Bartholomew Co., Peoria, Ill.
STURTEVANT blowers, dryers-carpet, paper, cotton hair, warp, etc., fans, engines, steam turbines, steam traps, generating sets, electric & airplane engines, vacuum cleaners—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
STURTEVANT vacuum cleaners—Western Electric Co., 463 West, New York
STURTEVANT READY TO RUN portable ventilating sets—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
STUTZMAN fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.
STYLE A ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
STYRIAN tool steel—Houghton & Richards, 145 Oliver, Boston, Mass.
SUBERIT cork washers—Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
SUBLIMED white lead, basic sulphate, blue lead—Eagle Picher Lead Co., 208H S La Salle, Chicago, Ill.
SUBMARINE soap powders—J. T. Kenny & Co., St. Paul, Minn.
SUCCESS ash & garbage cans, lawn clothes dryers—Success Mfg. Co., Gloucester, Mass.
SUCCESS bottle filling machines—Federal Brass Works, 3100 S. Kedzie, Chicago, Ill.
SUCCESS bridle bits—Fernald Mfg. Co., North East, Pa.
SUCCESS bridle bits—Wm. Van Arsdale, Racine, Wis.
SUCCESS bucket and tank spray pumps—Deming Co., Salem, Ohio
SUCCESS carriage fasteners—C. Cowles & Co., New Haven, Conn.
SUCCESS clippers—Coates Clippers Mfg. Co., Worcester, Mass.
SUCCESS corn huskers—Maytag Co., Newton, Ia.
SUCCESS cream separators—Deshler Mail Box Co., Deshler, Ohio
SUCCESS fanning mills—Twin City Separator Co., 29th & Colfax av, S. Minneapolis, Minn.
SUCCESS flue & tube cleaners—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, Ohio
SUCCESS foot power grinders—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
SUCCESS gasoline engines—Leavitt Mfg. Co., Urbana, Ill.
SUCCESS grain graders & lid box presses—Success Seed Graders Co., Spokane, Wash.
SUCCESS hame fasteners—O. B. North & Co., New Haven, Conn.
SUCCESS hame fasteners—North & Judd Mfg. Co., New Britain, Conn
SUCCESS harrow carts—Moline Plow Co., Moline, Ill.
SUCCESS lawn sprinkler—Deming Co., Salem, Ohio
SUCCESS manure spreaders—Marseilles Wks. of Deere & Co., East Moline, Ill.
SUCCESS metal marking machines—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
SUCCESS non freezing fire extinguishers—Johns-Manville, Inc., Madison av & 41st, New York
SUCCESS plows—Parlin & Orendorff Co., Canton, Ill.
SUCCESS ranges—Huenefeld Co., Cincinnati, O.
SUCCESS tread horse powers—Appleton Mfg. Co., Batavia, Ill.
SUCCESS water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
SUCCESS wire stretchers—Hohulin Bros., Goodfield, Ill.
SUCCESS wood pulp grinders—Appleton Machine Co., Appleton, Wis.
SUCCESSFUL incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
SUCKER STATE grain drills, disc harrows, stalk cutters—Hayes Pump & Planter Co., Galva, Ill.
SU-DIG plug ignition—Superior Motor Power Co., 135 5th av., New York
SULCO-V. B. insecticide—Cook & Swan Co., Inc., 148 Front, New York
SULFOL castor oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
SUEZ double-acting pumps—Crestline Mfg. Co., Crestline, Ohio
SUGG-LETHEBY photometers—American Meter Co., 3112 N. 17th, Phila., Pa.
SULLIVAN air compressors, hammers, drills & coal cutters—Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.
SULLIVAN automobiles—Sullivan Motor Truck Corp., 1703H East av, Rochester, N. Y.
SULLIVAN roving cans—Diamond State Fibre Co., Elsmere, Del.
SULLIVAN shuttle guards—Draper Corp., Hopedale, Mass.
SULLIVAN'S cutting & drilling compounds & castor oil machines—Sullivan Oil Co., 413 N. Wells, Chicago, Ill.
SULLIVAN'S ECONOMIC belt dressing, boiler compounds—Sullivan Oil Co., 413 N. Wells, Chicago, Ill.
SULTAN emery & corundum—Cutler & Wood Supply Co., 274 Friend, Boston, Mass.
SULTAN rug fasteners—Saml. Donchian Rug Co., Hartford, Conn.
SUMMER GIRL oil stoves—Taylor & Boggis Fdry. Co., Cleveland, Ohio
SUMMERS dump cars—Summers Steel Car Co., Pittsburgh, Pa.
SUMMERS harness awls—Lawton & Bushman, Burlington, Wis.
SUMMIT carbon paper typewriter ribbons—Union Ribbon & Carbon Co., 67 Laurel, Phila., Pa.
SUMMIT carbon paper, typewriter ribbons—Union Ribbon & Carbon Co., 67 Laurel, Phila., Pa.
SUMMIT engine & precision lathes—Summit Machine Works, 54 Hermon, Worcester, Mass.
SUMMIT stoves—Summit Fdy. Co., Geneva, N. Y.
SUMTER magnetos—Sumter Electrical Wks., Sumter, S. C.
SUMTER packing—General Asbestos & Rubber Co., Charleston, S. C.
SUN apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
SUN coffee mills—Sun Mfg. Co., Columbus, Ohio
SUN clothes drying cabinets—Chicago Dryer Co., 630 S. Wabash av, Chicago, Ill.
SUN cordage & twine—American Mills Co., Atlanta, Ga.
SUN dry batteries—Stackpole Carbon Co., St. Marys, Pa.
SUN lamp burners—Edw. Miller & Co., Meriden, Conn.
SUN oil stoves & heaters—Detroit Fdry. Co., 1 E. Grand blvd & Riopelle, Detroit, Mich.
SUN tire setters—D. H. Potts, Lancaster, Pa.
SUN padlock locks—United Lock & Hdwe. Co., Columbia, Pa.
SUN BEAM art erasers—F. D. Mayer Mfg. Co., 222 W Superior, Chicago, Ill.
SUNBEAM art erasers—C. F. Pease Co., 820 N Franklin, Chicago, Ill.
SUNBEAM brake linings, kits & fan belts—Sunbeam Mfg. Co., 1113 E 30th, Kansas City, Mo.
SUNBEAM incandescent electric lamps—Western Incandescent Lamp Works of G. E. Co., 500 S. Clinton, Chicago, Ill.
SUNBEAM incandescent electric lamps — Western Electric Co., 463 West, New York
SUN BEAM lawn mowers—Chadborn & Caldwell Mfg. Co., Newburgh, N. Y.
SUN BRIGHT metal polish, furniture polish—Patton Paint Co., Milwaukee, Wis.
SUN BURNT cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
SUN BURST alcohol stoves—Thos. W. Houchin Co., 36 E. 12th, New York
SUNDERLAND tire air pumps—Sunderland Mfg. Co., 600 W 22nd, Chicago, Ill.
SUNDERMAN carbureters—Sunderman Corp., Newburgh, N. Y.

SUNDH circuit breakers & pressure regulators—Sundh Electric Co., 209 Parkhurst, Newark, N. J.
SUNDSTRAND adding machines—Sundstrand Adding Machine Co., Rockford, Ill.
SUNFLOWER corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
SUN FLOWER finishing plaster—American Cement Plaster Co., Lawrence, Kans.
SUNLIGHT aluminum cooking utensils—Sterling Aluminum Co., Erie, Pa.
SUNLIGHT laundry soap—Lever Bros. Co., Cambridge, Mass.
SUN PROOF asbestos paints—Patton Paint Co., Milwaukee, Wis.
SUN PROOF liquid paint—Patton Paint Co., Milwaukee, Wis.
SUN RAY tank heaters—J. L. Mott Iron Works, Trenton, N. J.
SUNSET belting, air drill & suction rubber hose—Pioneer Rubber Mills, San Francisco, Cal.
SUNSET carbon black—L. Martin Co., 81 Fulton New York
SUNSET lubricating oils & greases—Indian Refining Co., 244 Madison av, New York
SUNSET packing—A. W. Chesterton Co., 64 India, Boston, Mass.
SUNSET vineyard timber plows—Parlin & Orendorff Co., Canton, Ill.
SUN-SHINE carriage top dressing, brass bed polish, dust absorbing floor oils, furniture polish—E. W. Thumb, 872 Orleans, Chicago, Ill.
SUN SHINE metal polish—Atlas Auto Supply Co., 656 W. Austin av, Chicago, Ill.
SUN SHINE miners' lamps—Hero Mfg. Co., Westmoreland av & Stokley, Phila., Pa.
SUN SHINE steam heaters—Beard & Beard, Reading, Pa.
SUN SHINE stoves, hot air furnaces—Reading Stove Works, Reading, Pa.
SUN SHINE vacuum carpet sweepers—Household Mfg. Co., 1221 Filbert, Phila., Pa.
SUN SHINE washing machines—Voss Bros. Mfg, Co., Davenport, Ia.
SUN-STAR turndown lamps—F. J. Rooney Lamp Co., Hoboken, N. J.
SUNDERMAN carbureters—Sunderman Safety Carbureter Corp., Newburgh, N. Y.
SUNDH circuit breakers, pressure regulators—Sundh Electric Co., 51 E. 42d, New York
SUNDSTRAND engine lathes—Rockford Tool Co., Rockford, Ill.
SUNNY SOUTH pine oils, pine pitch, pine tar—General Naval Stores Company, Inc., 90 West, New York
SUNNY SOUTH stoves & ranges—Hardwick Stove Co., Cleveland, Tenn.
SUPERB shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
SUPERB step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
SUPERB vacuum cleaners—Chas. W. Emery & Sons, 1304 Diamond, Phila., Pa.
SUPERB JR. vacuum cleaners—Chas. W. Emery & Sons, 1304 Diamond, Phila., Pa.
SUPERBA packing—Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
SUPER CENTRIFUGE centrifugal clarifiers & Separators—Sharples Specialty Co., West Chester, Pa.
SUPER DREADNOUGHT automobile inner tubes—Dreadnought Tire & Rubber Co., Eager & 5th, Baltimore, Md.
SUPER-SEASONED fibre—National Fibre & Insulation Co., Yorklyn, Del.
SUPERFILTCHAR carbon—Industrial Chemical Co., 200 5th av, New York
SUPERFING soldering flux—Thos. F. Lukens Metal Co., 1105 Fairmont av, Phila., Pa.
SUPER-FROST incandescent lamp coloring—Guy V. Williams Co., 686 Eleventh av, New York
SUPERIOR automobile radiator covers—Frank S. Feeser Co., 1033 Shelby, Indianapolis, Ind.
SUPERIOR automobile wind shields—B. & B. Mfg. Co., 6528 Carnegie av, Cleveland, Ohio
SUPERIOR babbitt metal—Atkinson Co., Rochester, N. Y.
SUPERIOR belt dressing, rope dressing—Superior Chemical Mfg. Co., Grand Rapids, Mich.
SUPERIOR belting, belt fasteners—Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.
SUPERIOR blue print paper—New York Blue Print Paper Co., 102 Reade, New York
SUPERIOR buggy aprons—J. B. Cretors, St. Paris, Ohio
SUPERIOR cement—Wellston Iron Furnace Co., Jackson, Ohio
SUPERIOR chain hoists—D. Round & Son, Penn R. R. & Henry, Cleveland, Ohio
SUPERIOR churns—Superior Churn & Mfg. Co., Northville, Mich.
SUPERIOR clamp vises, Athol Mach. Co. & Foundry Co., Athol, Mass.
SUPERIOR copper hardened babbitt metal, insulating tape & roofing—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
SUPERIOR corn & cob mills, tank heaters & windmills—Duplex Mfg. Co., Superior, Wis.
SUPERIOR cream separators—Superior Sheet Metal Works Co., Indianapolis, Ind.
SUPERIOR cultivators, garden plows, weeders, wire fence stretchers—Bridgewater Plow Corp., Bridgewater, Va.
SUPERIOR deadening felts—H. F. Watson Co., Erie, Pa.
SUPERIOR door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SUPERIOR door holders, hinges, screen door checks, Superior Spring Hinge Co., 550 W Lake, Chicago, Ill.
SUPERIOR door stops, hinges, screen door checks—Superior Spring hinge Co., 136 W. Lake, Chicago, Ill.
SUPERIOR drill shapening machines—Lake Shore Engine Works, Marquette, Mich.
SUPERIOR egg & cream beaters—Wickwire Spencer Steel Corp., Worcester, Mass.
SUPERIOR electric sad irons—National Stamping & Electric Works, 424 S. Clinton, Chicago, Ill.
SUPERIOR feed cutters—Hench & Dromgold Co., York, Pa.
SUPERIOR fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
SUPERIOR fish wire—Steel City Electric Co., 1207 Columbus av., Pittsburgh, Pa.
SUPERIOR fly traps—Peoria Can Co., Peoria, Ill.
SUPERIOR gas engines—Superior Gas Engine Co., Springfield, Ohio
SUPERIOR gas & gasoline heaters—Bastian-Morley Co., La Porte, Ind.
SUPERIOR gas soldering furnaces—Warren Machine Products Co., Warren, Pa.
SUPERIOR graphite paints—Detroit Graphite Co., 10-12th, Detroit, Mich.
SUPERIOR hand card cutters—Marshall Son & Co., 226 Purchase, Boston, Mass.
SUPERIOR resistance wire—H. Boker & Co., 101 Duane, New York
SUPERIOR horse rasps & platinum point files—Nicholson File Co., Providence, R. I.
SUPERIOR lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
SUPERIOR land & field rollers—Mountville Mfg. Co., Mountville, Pa.
SUPERIOR linemen's climbers—Jno. J. Reidy, New Haven, Conn.
SUPERIOR liquid & paste wood fillers, paints & varnish wood stains—S. E. M. Rice Filler Co., Irvington, N. J.
SUPERIOR lubricators—American Lubricator Co., Summit & Wabash Ry., Detroit, Mich.
SUPERIOR lubricators—Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
SUPERIOR mailing bags—Columbus Mailing Bag Co., 1178 Mt. Pleasant av, Columbus, Ohio
SUPREME marine paints—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SUPERIOR nickel chronium wire—Alloy Metal Wire Co., 154 Nassau, New York.
SUPERIOR oil cans—National Enameling & Stamping Co., 411 5th av, New York
SUPERIOR oil filters—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
SUPERIOR oxide of zinc—New Jersey Zinc Co., 160 Front, New York
SUPERIOR packing—Consumers' Rubber Co., 829 Superior av, Cleveland, Ohio
SUPERIOR paper fasteners—Ideal Specialties Mfg. Corp., 552 Pearl, New York
SUPERIOR pipe wrenches—Hawkeye Wrench Co., Marshalltown, Ia.
SUPERIOR pneumatic water supply systems—Samuel Sloan & Co., Rochester, N. Y.
SUPERIOR pump leather—C. F. Adams, P. O. Box 253H Ft. Worth, Texas
SUPERIOR reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
SUPERIOR rolling steel doors & shutters—Kinnear Mfg. Co., 716 Field av, Columbus, Ohio
SUPERIOR sash operating devise—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
SUPERIOR seeders, corn planters, disc harrows, grain drills—American Seeding Machine Co., Springfield, Ohio
SUPERIOR shovels—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
SUPERIOR spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
SUPERIOR steam & hot water heaters—Utica Heater Co., Utica, N. Y.
SUPERIOR sterilizing apparatus—Erie City Mfg. Co., Erie, Pa.
SUPERIOR sweep horse powers—Heebner & Sons, Lansdale, Pa.
SUPERIOR tea urns—Bramhall-Deane Co., 261 W. 36th, New York
SUPERIOR thermal bath cabinets—Cabinet Mfg. Co., Quincy, Ill.
SUPERIOR tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
SUPERIOR tool chests—American Mfg. Concern, Falconer, N. Y.
SUPERIOR trucks—Abingdon Wagon Co., Abingdon, Ill.
SUPERIOR wood working, boring & band, sawing machines & swing saws—Jones Superior Mach. Co., 1264 W North av, Chicago, Ill.
SUPERIOR wrenches—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
SUPERIOR wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
SUPERIOR DUPLEX grinding mills—E. W. Ross, Springfield, O.
"**SUPERIOR IN QUALITY**" woven wire fences—Frost-Superior Fence Co., E. 131st, Cleveland, O.
SUPERIOR PIERSEN gasoline motor—Piersen Mfg. Co., Topeka, Kas.
SUPERJUSTABLE wrenches—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
SUPERL metal polish—Superl Mfg. Co., Los Angeles, Cal.
SUPERO air drill hose, chemical engine hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SUPER SEASONED fibre—National Fibre & Insulation Co., Yorklyn, Del.
SUPERVANE exhaust fans—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.

SUPLE suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SUPPLE belting—Schwartz Belting Co., 76 Murray, New York
SUPREME automobile engine—Supreme Motors Corp., Warren, Ohio
SUPREME can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SUPREME gold & silver ink—Zehden Metallic Ink Co., 132 Nassau, New York
SUPREME lawn mowers—Dille & McGuire Co., Richmond, Ind.
SUPREME lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.
SUPREME poultry, rabbit, railroad & farm fences, fence posts—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av., Chicago, Ill.
SUPREME quick action machinists' vices—Spafford Tool Works, Hartford, Conn.
SUPREME steam & hot water heaters—W. A. Case & Sons Mfg. Co., Buffalo, N. Y.
SUPREMIS floor finish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SURANSAFE removable window guards—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av., Chicago, Ill.
SURBAS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SURBOL lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SURE CATCH barn door latches—Brodhead Latch Co., Brodhead, Wis.
SURE CATCH rat traps—Lovell Mfg. Co., Erie, Pa.
SURE CENTRE finders—West Haven Mfg. Co., West Haven, Conn.
SURE-CLEAN window cleaners—Osborn Mfg. Co., 5405 E. Hamilton, Cleveland, Ohio
SURE COOL gasoline engines—Moore Plow & Implement Co., Greenville, Mich.
SURE CUT can openers—Ira F. White & Son, Bloomfield, N. J.
SURE-DRAFT forge chimneys—Lourie Mfg. Co., Springfield, Ill.
SURE DROP ball bearing jacks—A. O. Norton, Inc., 440 Brookline av, Boston, Mass.
SURE DROP corn planters—Ohio Rake Co., Dayton, Ohio
SURE DROP riding listers—Gale Mfg. Co., Albion, Mich.
SURE-FAST harness snaps—Eberhard Mfg. Co., C. & P. Ry. & Tennyson rd, Cleveland, O.
SURE GRIP adjustable tandem door hangers, hay fork pulleys, sling unloaders—F. E. Myers & Bros., Ashland, Ohio
SURE GRIP clothes line pulleys—Reading Saddle & Mfg. Co., Reading, Pa.
SURE GRIP horseshoers' vises & tire upsetters—butts & Ordway Co., 33 Purchase, Boston, Mass.
SURE GRIP hose clamps—J. R. Clancy, Syracuse, N. Y.
SURE GRIP hose clamps—Elkhart Brass Mfg. Co., Elkhart, Ind.
SURE GRIP linemen's climbers—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
SURE GRIP nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
SURE-GRIP removable screw calks—American Calk Co., 1217 Forest, Detroit, Mich.
SURE GRIP sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
SURE-GRIP tackle blocks—Fulton Iron Works, 39 Franklin, Detroit, Mich.
SURE-GRIP trolley wire clamps—Electric Railway Equipment Co., Cincinnati, Ohio
SURE GRIP wire fence stretchers—Wrightsville Hardware Co., Wrightsville, Pa.
SURE HATCH incubators & brooders—Fremont Mfg. Co., Fremont, Nebr.
SURE HATCH incubators & brooders—Sure Hatch Incubator Co., Fremont, Nebr.
SURE-HOLD air hose couplers—C. A. Claflin Co., 60H Pearl, Boston, Mass.
SURE-HOLD hose menders, steam couplings—C. A. Claflin Co., 161 High, Boston, Mass.
SURE LOCK damper clips—Parker Supply Co., 785 E. 135th, New York
SURE-ON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SURE-SEAL cast iron cleanouts, sewer gas traps—Central Foundry Co., 90 West, New York
SURE STEP ice creepers—Norlund Mfg. Co., Williamsport, Pa.
SURE-TITE tanks, range boilers, drum, etc. Wm. B. Scaife & Sons Co., Pitsburgh, Pa.
SURETY grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SURLAV lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
SURPASS W: loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
SURPRISE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
SURPRISE cultivators—Kingman Plow Co., Peoria, Ill.
SURPRISE egg & cream beaters—J. R. Dawson Mfg. Co., Fairhill Sta., Phila., Pa.
SURPRISE egg & cream beaters & flour sieves—Wickwire Spencer Steel Corp., Worcester, Mass.
SURPRISE egg & cream beaters—Woods-Sherwood Co., Worcester, Mass.
SURPRISE jacket fire hose—Eureka Fire Hose Mfg. Co., 27 Barclay, New York
SURPRISE self-setting rat traps—Wolverton Mfg. Co., Holton, Kans.
SURRELL steam heaters—Surrell Down Draft Boiler Co., 39 Cortlandt, New York
SUSEMIHL side bearings—American Steel Foundries, McCormick bldg, Chicago, Ill.
SUSEMIHL side bearings—Simplex Railway Appliance Co., Hammond, Ind.
SUSPENDO drinking fountains—Crane Co., 836 S. Michigan av, Chicago, Ill.
SUSQUEHANNA dump wagons—Columbia Wagon Co., Columbia, Pa.
SUSTANOL barium cyanide—Hackmeister Lind Chemical Co., Pittsburgh, Pa.
SUTTON sand & gravel heaters & dryers—Indiana Foundry Co., Indiana, Pa.
SVENSON concrete mixers—Svenson-Shuman Machine Co., Oliver bldg, Pittsburgh, Pa.
SWAGED steel figures & letters—Fred H. Keene, 152 Chambers, New York
SWAN carriage fasteners—Standard Top & Equipment Co., 1849 E. 65th, Cleveland, Ohio
SWAN fountain pens—Mabie, Todd & Co., 17 Maiden la, New York
SWAN heat regulators—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
SWAN potato planters—Potato Implement Co., Traverse City, Mich.
SWAN thorium nitrate—Pfaltz & Bauer, 300 Pearl, New York
SWANEE metallic shingles—Berger Mfg. Co., Canton, Ohio
SWAN'S expansive bits, auger handles, chamferer gauges, folding handle knives—Jas. Swan Co., Seymour, Conn.
SWAN'S harness hooks—Imperial Bit & Snap Co., Racine, Wis.
SWANSON portable grain elevators—Swanson-St. Joseph Plow Co., St. Joseph, Mo.
SWART'S sheet packing—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
SWARTWOUT exhaust heads, ventilators, steam separators—Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio
SWASTIKA tools & specialties—Buffum Tool Co., South Side, Louisiana, Mo.
SWASTIKA fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
SWASTIKA lacquer—M. L. Barrett & Co., 233H W Lake, Chicago, Ill.
SWASTIKA lubricating oils & greases—McLean-Jones Oil & Supply Co., Inc., 40 Court, Boston, Mass.
SWATMOR fly swatters—U. S. Wire Mat Co., Decatur, Ill.
SWAT-STICKA fly swatters—U. S. Wire Mat Co., Decatur, Ill.
SWEATERKNIT mops—U. S. Mop Co., Toledo, Ohio
SWEDISH linemen's climbers, wire connectors—Smith & Hemenway Co., Inc., 261H B'way, New York, & 130H Coit st., Irvington, N. J.
SWEDISH KRAFT wrapping paper—D. S. Walton & Co., 132 Franklin, New York
SWEENEY'S IRON HORSE traction engines—Sweeney Tractor Co., Kansas City, Mo.
SWEEPER-VAC carpet sweepers, electric—Pneuvac Co., 164 Fremont, Worcester, Mass.
SWEEP WELL corn brooms—A. J. Eckhart Co., W. 74th & Madison, Cleveland, Ohio.
SWEET'S carriage wheels—Shortsville Wheel Co., Shortsville, N. Y.
SWEET exhaust heads, steam separators—Direct Separator Co., Syracuse, N. Y.
SWEET'S lumber wagons—B. F. & H. L. Sweet Co., Fond du Lac, Wis.
SWEET'S toe-calks—Franklin Steel Works, Joliet, Ill.
SWEET'S track drills—Michigan Machinery Mfg. Co., Ypsilanti, Mich.
SWEET'S window springs—Stanley Works, New Britain, Conn.
SWEET'S CONCEALED hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
SWEET'S MAGIC metal polish—C. F. Sweet, Hartford, Conn.
SWENSON stump pullers—Swenson Grubber Co., Cresco, Ia.
SWIFT CUTTER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
SWIFT'S arsenate of lead—Merrimac Chemical Co., 148 State, Boston, Mass.
SWIFT drug & coffee mills—Lane Bros. Co., Poughkeepsie, N. Y.
SWIFT'S dumping carts, feed cookers, grinding mills—Swift Mfg. Co., Waterloo, Ia.
SWIFT'S ECONOMY shaking grates, furnace blowers—Donegan & Swift, 6 Murray, New York
SWINDELL gas producers—Wm. Swindell & Bros., Jenkins Arcade bldg., Pittsburgh, Pa.
SWINEFORD hay carriers—G. A. Swineford Co., Canton, Ohio
SWINEHART tires—Swinehart Tire & Rubber Co., Akron, Ohio
SWISS embroidering machines—Durbrow & Hearne Mfg. Co., 12 Wooster, New York
SWISS feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
SWISS SHINE metal polish, paints—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
SWISSALU aluminum hollow ware & spiders—Geo. H. Bowman Co., 224 Euclid av., Cleveland, Ohio
SYLPHON air valves—Fulton Co., Knoxville, Tenn.
SYLPHON air valves, damper, steam & water regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
SYLVAN green marble—Henry A. Schweyer Co., Easton, Pa.
SYLVANITE safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
SYMENTREX waterproofing materials—Vitrifyx Co., 133 W. Washington, Chicago, Ill.
SYMINGTON journal boxes & dust guards—T. H. Symington Co., 233H B'way, New York.
SYNTHIDE artificial leather—Boston Woven Hose & Rubber Co., Cambridge, Mass.

SYPHO urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
SYRACUSE babbitt metal—United American Metals Corp. (Syracuse Smelting Works), 192 Diamond, Brooklyn, N. Y.
SYRACUSE drills, chisels, pliers, countersinks, micrometer gauges, nail sets, punches, screwdriver bits, handle wedges—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
SYRACUSE harness snaps—Frazer & Jones Co., Syracuse, N. Y.
SYRACUSE hay carriers, grapple forks, potato diggers—Syracuse Chilled Plow Co., Syracuse, N. Y.
SYRACUSE paste—Schmeer's Paper Box Co., Syracuse, N. Y.
SYRACUSE radiator valves—Syracuse Faucet & Valve Co., Eastwood, N. Y.
SYRACUSE sink brackets—H. E. Hessler Co., Syracuse, N. Y.
SYRACUSE steam heaters—Syracuse Heater Co., Syracuse, N. Y.
SYRACUSE water motors—Hunter Fan & Motor Co., Fulton, N. Y.
SYSTEMATIC concrete mixers—Cement Machinery Co., Jackson, Mich.
T B C lock nuts & washers—Flannery Bolt Co., Vanadium Bldg., Pittsburgh, Pa.
T. B. R. green soap—Thos. B. Robertson Products Co., 700 W. Division, Chicago, Ill.
T. H. WITHERBY drawing knives, carpenters' chisels —Winsted Edge Tool Works, Winsted, Conn.
T. I. C. cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
T. M. CO. shoe knives—Tuck Mfg. Co., Brockton, Mass.
T. P. C. lamp guards—Porter Co., 241 Water, New York
T. P. M. whiting & paris white—Import & By Products Co., Inc., Trenton, N. J.
T. T. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
T. & C. metal lath—Sharon Steel Hoop Co., Sharon, Pa.
T. & D. SPECIAL kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
T & S DOVER egg & cream heaters—Turner & Seymour Mfg. Co., Torrington, Conn.
T. & W. chucks, machine presses, tire & wire wrapping machines—Terkelson & Wennberg, 328 A, Boston, Mass.
T & W UNIVERSAL attachment plugs—T & W Electrical Mfg. Co., Inc., 4503 Ravenswood av, Chicago, Ill.
TABASCO bath water heaters—Kawanee Boiler Co., Kewanee, Ill.
TABASCO canned goods—McIlhenny Co., Avery Island, La.
TABER pumps—Taber Pump Co., Buffalo, N. Y.
TABOR hose wrenches—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
TABOR steam engine indicators—Ashcroft Mfg. Co., 119 W. 40th, New York
TABOR window hardware, weather strips—Tabor Sash Fixture Co., 69 Polk, Newark, N. J.
TACOMA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TAFT ALMETUL rug exhibitors—Taft Machine Co., 229 Globe, Providence, R. I.
TAG ELITE thermometers, flash tester, viscosimeters —C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
TAG EVERIGHT thermometers—Chas J. Tagliabue Mfg. Co., 18 33rd, Brooklyn, N. Y.
TAGOMETER thermometers—Chas. J. Tagliabue Mfg. Co., 18 33rd, Brooklyn, N. Y.
TAHARA burnishing machines—Tahara Co., Glenwood & N. American, Philadelphia, Pa.
TAINTOR'S gilders' whiting—H. F. Taintor Mfg. Co., 2 Rector, New York
TAKAPART metal fishing reels—General Phonograph Co., 25 W. 45th, New York
TAKE-DOWN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
TAKITOF paint & varnish remover—Atlantic Drier & Varnish Co., Phila., Pa.
TALCLAY talc—Carbola Chemical Co., Inc., 5 E. 42nd, New York
TALCUT metal workers' crayons—Chas. B. Chrystal, 13 Cliff, New York
TALMA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TAMAQUA sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
TAMPICO brush fibre—E. B. & A. C. Whiting Co., Burlington, Vt.
TAMPICO oil well belting—Republic Rubber Co., Youngstown, O.
TAMPICO wire wheel brushes & sections—Osborn Mfg. Co., Cleveland, Ohio
TAN-BO picker leather—Norwich Belt Mfg. Co., Norwich, Conn.
TANDEM oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TANGLEFOOT fly paper—O. & W. Thum Co., Grand Rapids, Mich.
TANGYE'S hydraulic jacks—Irving Mfg. & Tool Co., 157 Chambers, New York
TANITE cutlery polish—Tanite Co., Stroudsburg, Pa.
TANKLESS air compressors—C. M. Sorensen Co., Inc., 177 E. 87th, New York
TANNATE belting, belt lacing—J. E. Rhodes & Sons, 12 N. 3rd, Phila., Pa.
TANNELITE powder—G. R. McAbee Powder & Oil Co., Oliver Bldg., Pittsburgh, Pa.
TANNER feed cutters—D. F. Tanner, Holland, N. Y.
TANNUS high speed steel—Hammond Steel Co., Inc., Syracuse, N. Y.
TANOLIN tanning extracts—Martin-Dennis Co., 859 Summer av, Newark, N. J.
TAN-REX belting—Barnum Bros. Co., Troy, N. Y.
TAPALOG pyrometers recorder—Wilson-Maeulen, 383 Concord av, New York
TAPESTROLEA wall coverings—Richter Mfg. Co., Tenafly, N. J.
TAPESTRY-art tile & front brick—Fiske & Co., 30 Franklin, Boston, Mass.
TAPLIN egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
TAP-ON wire connectors—Jordan Bros., 74 Beekman, New York
TARCOTE road binders & preservatives—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
TARGET valve stem packing—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
TAR-MAC road tar—American Tar Products Co., 208 S. La Salle, Chicago, Ill.
TARRANT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TARTARLINE cream tartar—Worden Chemical Works, 4 Cedar, New York
TARVIA macadam & gravel road—Barrett Co., 17 Battery pl, New York
TASCOIL road binders & preservatives—Alden Speare's Sons Co., Cambridge, Mass.
TATE stay bolts—Flannery Bolt Co., Vanadium bldg, Pittsburgh, Pa.
TATHAM'S lead shot—United Lead Co., 111 Broadway, New York
TATSGRIP hand soap—Tatlock Bros., Rochester, N. Y.
TATTOO alarm clocks—New Haven Clock Co., New Haven, Conn.
TATUM loose leaf devices—Sam'l C. Tatum Co., Cincinnati, Ohio
TAXITE paint & varnish remover—Sherwin-Williams Co., Cleveland, Ohio
TAYLOR brake shoes, car wheel centers, electrical bearings, forged axles & steel tired wheels—Taylor Elec. Truck Co., Troy, N. Y.
TAYLOR cattle stanchions—Jas. Boyle, Salem, Ohio
TAYLOR curtain stretchers, garment hangers—Taylor Mfg. Co., Princeton, Ind.
TAYLOR emery wheel dressers, speed indicators—Tanite Co., Stroudsburg, Pa.
TAYLOR HYDROLITIC water-proofing materials—Flexner-Taylor Co., Ltd., 786 E. B'way, So. Boston, Mass.
TAYLOR lap-welded steel pipe, spiral riveted pipe—American Spiral Pipe Works, Chicago, Ill.
TAYLOR measuring thiefs—U. S. Bottlers' Machinery Co., 2511 Park, Chicago, Ill.
TAYLOR mechanical stokers—American Engineering Co., Armingo av & Cumberland, Phila., Pa.
TAYLOR mop sticks & holders—Parks & Parks, Troy, N. Y.
TAYLOR pruning shears—Smith, Seymour & Son, Oakville, Conn.
TAYLOR steel portable derricks—Taylor Portable Steel Derrick Co., 215 W. Grand av, Chicago, Ill.
TAYLOR tool grinders—Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.
TAYLORITE sanitary flooring—Ronald Taylor Co., 520 E. 20th, New York
TAYLOR MADE automobile trunks—C. A. Taylor Trunk Works, 28 E. Randolph, Chicago, Ill.
TAYLOR-MADE electric railway car trucks, coil & elliptic springs—Taylor Electric Truck Co., Troy, N. Y.
TAYLOR-NEWBOLD circular saws, milling cutters—Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.
TAYLOR'S journal boxes—W. P. Taylor Co., Ellicott sq, Buffalo, N. Y.
TEC blue & black prints—Technical Supply Co., Scranton, Pa.
TEC T squares—Emmert Mfg. Co., Waynesboro, Pa.
TECKTONIUS-VOGT lime burning kilns—E. C. Tecktonius Mfg. Co., Racine, Wis.
TECO outlet & locknut bushings—Troy Electrical Co., Troy, N. Y.
TECTOR wood fillers—Patton Paint Co., Milwaukee, Wis.
TEDDY GRILL toasters — Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
TEE'S gauge cocks—Nathan Mfg. Co., 416 E. 106th, New York
TEGUFILM boiler compounds — Tegufilm Chemical Mfg. Co., Syracuse, N. Y.
TEKSAGON meter couplings—H. W. Clark Co., Mattoon, Ill.
TEL-A-FEVER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
TELE CALL factory & office signals—Tele Call Co., 5604 Cedar av, Cleveland, O.
TELEGRAPH cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
TELEGRAPH cocks & bibbs—Rundle-Spence Mfg. Co., 63 2nd Milwaukee, Wis.
TELEMOTER marine steering gears — McNab Co., Bridgeport, Conn.
TELEPHONE feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TELEPHONE pruning shears—Smith, Seymour & Son, Oakville, Conn.
TELESCOPE tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y
TELSA brass faucets—Crane Co., 836 S. Michigan av, Chicago, Ill.
TELSA Jr. brass faucets—Crane Co., 836 S. Michigan av, Chicago, Ill.
TEMCO electric drills, dynamos & motors—Temco Electric Motor Co., Leipsic, Ohio
TEMPEST hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TEMPLE gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.
TEMPLE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio

TEM-PO-VA kalsomine paint—Manhattan Color Works, 1035 Kelly, New York
TENAX packing—Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
TENAX picker leather—Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.
TEN BROECK rubber tires—Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.
TENEO snap fasteners—American Fastener Co., Waterbury, Conn.
TENEO snap fasteners—Teneo Co., Inc., 116 W 32d, New York
TENNESSEE cedar chests—Vestal Lumber & Mfg. Co., Knoxville, Tenn.
TENNESSEE dumping carts, wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.
TENNESSEE staybolt iron—Ewald Iron Co., Louisville, Ky.
TENNESSEE wooden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
TENOL belt dressing—Viscol Co., Cambridge, Mass.
TENSYL cloth testing machines—Shuttle Machine Co., 18 E. 17th, New York
TEN WINKEL oil & water filter & extractor—United Filter Corp., Felt bldg, Salt Lake City, Utah
TEON belting—D. P. Brown & Co., 264 N. 4th, Philadelphia, Pa.
TERMACO cottton cleaning machy—Terrell Machine Co., 1200H N. Church, Charlotte, N. C.
TERMINAL public urinals—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
TERRAPIN sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
TERRAZOLITE sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
TERRELL'S metallic lockers—Terrell's Equipment Co., Grand Rapids, Mich.
TERRIER drop forged wrenches—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
TERRIER oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TERRIER padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
TESLA battery motors—Davis Kendrick Co., Lebanon., N. H.
TESSAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
TESTBESTOS asbestos brake linings—Amer. Asbestos Co., Norristown, Pa.
TESTOID inner automobile tubes—Thermoid Rubber Co., Trenton, N. J.
TEST SPECIAL belting—New York Belting & Packing Co., 91 Chambers, New York
TETCO electric meters—Elec. Tachometer Corp., 310H N. 11th, Phila., Pa.
TEXACO axle grease, belt dressing, oils, paving cements, roofing felts, waterproofing materials—Texas Company, 17 Battery pl, New York
TEXACO CRATER compound gear lubricants—Texas Co., 17 Battery pl., New York
TEXACOAT roofing—Texas Co., 17 Battery pl., New York
TEXAS cotton choppers—Texas Implement Mfg. Co., McGregor, Texas.
TEXAS hoes—American Fork & Hoe Co., Swetland bldg., Cleveland, O.
TEXAS hoes—Union Fork & Hoe Co., Columbus, Ohio
TEXAS lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
TEXAS DANDY cultivators—Moline Plow Co., Moline, Ill.
TEXAS RANGER gun cleaning rods—Cullum & Boren Co., Dept. H, Dallas, Tex.
TEXAX compressed asbestos sheet packing Ford sets—Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
TEXHIDE artificial leather—J. C. Haartz, Inc., New Haven, Conn.
TEXODREN artificial leathers, car curtains & materials—Sillcocks-Miller Co., S. Orange, N. J.
TEX-STYLE dustless broom covers—Genesee Textile Co., Rochester, N. Y.
TEX-TA-DOR-NA burlap—Cotta-a-Lap Co., Somerville, N. J.
TEXTASE de-sizing agents for bleaching, dyeing, etc.—Malt-Diastase Co., 79 Wall, New York
TEXTOL canvas stitched belting—National Belting Co., Elyria, Ohio.
TEXWAX roofing—Texas Company, 17 Battery pl., New York
THABA lavatories & fittings—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
THARCO cements & putty—Armstrong Co., 226H Post av, Detroit, Mich.
THEBIAN lighting glass—Macbeth-Evans Glass Co., C. of C. bldg, Pittsburgh, Pa.
THE BOSTON motors—F. E. Whitney Co., 65 Sudbury, Boston, Mass.
THE-EGG-PAY-FOR-IT animal foods—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
THE ERIE motor power winches—Erie Clutch & Pulley Co., Erie, Pa.
THE MIEHLE printing presses—Miehle Printing Presses & Mfg. Co., 14th & Robey, Chicago, Ill.
THE STANDARD scales, box trucks, concrete barrows, concrete mixers, gas engines—Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
THEISEN gas purifiers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
THE LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.
THERLO resistance wire—Driver-Harris Co., Harrison, N. J.
THERMALITE roofing paints—Hascall Paint Co., W. 70th, Cleveland, Ohio
THERMALITE PLASTIC ROOFING cements—Hascall Paint Co., W. 70th, Cleveland, Ohio
THERMATIC fireless cookers—Diller Mfg. Co., Bluffton, Ohio
THERMIT welding & rail welds, rail bonds, rail joints—Metal & Thermit Corp., 120 B'way, New York
THERMITE anti-freezing compounds—Northwestern Chemical Co., Marietta, Ohio
THERMO arc lamps, globes—Macbeth-Evans Glass Co., Pittsburgh, Pa.
THERMO lubricating oils & greases—Haggerty Refining Co., 50 South, New York.
THERMO-ELECTRIC pyrometers—Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
THERMOCUP drinking cups—American Thermos Bottle Co., Norwich, Conn.
THERMODISK valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
THERMOGRAPH heat regulators—Bartlett Bros. Co., Cleveland, Ohio
THERMOID asbestos brake lining, rubber tires & inner automobile tubes—Thermoid Rubber Co., Trenton, N. J.
THERMOLIN coating paints—Means & Thatcher, Norfolk Downs, Quincy, Mass.
THERMOLINE lubricating oils & greases—Haggerty Refining Co., 50 South, New York
THERMOLITE therapeutic lamps—H. G. McFaddin & Co., 38 Warren, New York
THERMO-MYST SYSTEM dry kilns—Curtis-Hosey Dryer Co., Pyle bldg., 23d & Chestnut, Phila., Pa.
THERMOPOK packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
THEROZ alcohol burners & stoves—Theroz Co., 233 B'way, New York
THESCO insulator clamps—States Co., Hartford, Conn.
THESPIAN drinking fountains—Crane Co., 936 S. Michigan av, Chicago, Ill.
THEXTON envelope sealing machines—Acorn Brass Mfg. Co., 426 S. Clinton, Chicago, Ill.
THIBAUD'S braided heddles—Emmons Loom Harness Co., Lawrence, Mass.
THIEM motor cycles—Joems Motor Mfg. Co., St. Paul, Minn.
THIN MODEL engineers' wrenches—Frank Mossberg Co., Attleboro, Mass.
THIN-O carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
36 PART dough dividing machines—Wm. Zoeller Co., 325 N. Curtis, Chicago, Ill.
THISTLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive, soda ash—Mathieson Alkali Works, 53 Canal, Providence, R. I.
THISTLE gauge glasses—J. E. Lonergan Co., 211 Race, Phila, Pa.
THISTLE oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
THISTLE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
THISTLE taps & dies—Winter Bros. Co., Wrentham, Mass.
THOMAS agricultural implements—Thomas Mfg. Co., Springfield, Ohio
THOMAS blast furnaces—Thomas Furnace Co., 740 Kinnickinnic av, Milwaukee, Wis.
THOMAS carriage top props—C. Cowles & Co., New Haven, Conn.
THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
THOMAS core box machines—Portland Co., Portland, Me.
THOMAS fishing rods—Thomas Rod Co., Bangor, Me.
THOMAS grate bars—Thomas Grate Bar Co., Birmingham, Ala.
THOMAS rail bonds—Lord Mfg. Co., 105 W. 40th, New York
THOMAS ALFALFA sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
THOMAS CROWN mowers—Moline Plow Co., Moline, Ill.
THOMAS CROWN mowers—Thomas Mfg. Co., Springfield, Ohio
THOMAS DOUBLE CYLINDER hay loaders—Thomas Mfg. Co., Springfield, Ohio
THOMAS SWATH hay loaders—Thomas Mfg. Co., Springfield, Ohio
THOMAS-VANADIUM pig iron—Thomas Iron Co., Hokendauqua, Pa.
THOMAS WILSON knives—Adolph Kastor & Bros., 109 Duane, New York
THOMPSON butchers' saw punches—H. G. Thompson & Son Co., New Haven, Conn.
THOMPSON conduit pipe reamers—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
THOMPSON cut-out hangers—Thompson Electric Co., 5606 Euclid, Cleveland, Ohio
THOMPSON damper regulators, grate bars, shaking grates, steam engine, indicators & tube cleaners—Thompson, Richard & Co., 146 Liberty, New York
THOMPSON oil pump lubricators—Star Brass Mfg. Co., 53 Oliver, Boston, Mass.
THOMPSON oilers—Noera Mfg. Co., Waterbury, Conn.
THOMPSON pneumatic hose couplings—Keller Pneumatic Tool Co., Fond du Lac, Wis.
THOMPSON steam engine indicators—Jas. L. Robertson & Son, 78 Murray, New York
THOMSON combination roll dough moulding machines—Thomson Machine Co., Belleville, N. J.
THOMSON electric brazing & riveting machines & rivet heaters—Thomson Electric Welding Co., Lynn, Mass.
THOMSON smoke test machines—Gunster Bros., Scranton, Pa.
THOMSON stone planing machine attachments—Lincoln Iron Works, Rutland, Vt.
THOMSON meters—General Electric Co., Schenectary, Pa.

THOMSON & Evans pumps—C. H. Evans & Co., 187 Fremont, San Francisco, Cal.
THOR electric washers, household ironing machines—Hurley Machine Co., Cicero, Ill.
THOR pneumatic tools—Independent Pneumatic Tool Co., 600 W. Jackson blvd., Chicago, Ill.
THORDARSON gas igniters—Thordarson Elec. Mfg. Co., 501 S. Jefferson, Chicago, Ill.
THORNBURGS hog feeders—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
THORNHILL wagons—Thornhill Wagon Co., Lynchburg, Va.
THOROBRUSH brushes—Lafayette Brush & Mfg. Co., Lafayette, Pa.
THORP-RICHARDSON doors—Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.
THREADED catch sockets—General Electric Co., Schenectady, N. Y.
THREAD GUARD casters—Hamilton Caster & Mfg. Co., Hamilton, Ohio
THREAD TIGHT pipe joint compounds—Thread-Tight Co., 288 Bowery, New York
THREE B soap—Rome Soap Mfg. Co., Rome, N. Y.
3-C water closet bowl cleaning compounds—Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
THREE BEE shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
THREE HORSES iron & steel filler cements—John Baizley Iron Works, 514 S. Delaware av, Phila., Pa.
THREE IN ONE air gauges—Precision Instrument Co., 21 Halsey, Newark, N. J.
THREE-IN-ONE coaster wagons—John's Stamping & Machine Works Co., 1715 Leonard, Cleveland, O.
THREE-IN-ONE lubricating oils & greases & furniture polish—Three-in-One Oil Co., 165 Broadway, New York
THREE-IN-ONE pipe threading dies—National Pipe Die & Machine Co., Archbold, Ohio
3-IN-ONE potato mashers—Minerva Hardware Mfg. Co., Minerva, Ohio
THREE-IN-ONE tire vulcanizers—Adam Fisher Mfg. Co., 3624 Enright, St. Louis, Mo.
THREE SPEED flour mixers—Read Machinery Co., York, Pa.
THREE STAR lacquer—M. L. Barrett & Co., 233H W. Lake, Chicago, Ill.
THREE STAR rubber belting steam hose—W. D. Allen Mfg. Co., 566 Lake, Chicago, Ill.
THREE-WAY exhaust valves—Mead, Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
THREE-WAY syphon pumps—F. E. Myers & Bro., Ashland, Ohio
THREE WHEEL scooters—Maine Machine Works, 701 N. Main, Los Angeles, Cal.
THRELFAL cotton mules—C. E. Riley Co., 161 Devonshire, Boston, Mass.
THRIFT stoves—Pittston Stove Co., Pittston, Pa.
THRU-CORDE switches—General Electric Co., Schenectady, N. Y.
THUMBS hand soap—Harrah & Stewart Mfg. Co., Des Moines, Ia.
THUNDER auto horns—Sears Cross Co., 147 41st, Brooklyn, N. Y.
THUNDERBOLT vacuum cleaners—Sterling Machine & Stamping Co., Wellington, Ohio
THURCO cutters, die filing & milling machines, end mills, saws, surface plates & watchmakers' tools—Thurston Mfg. Co., Providence, R. I.
THURMO high pressure sheet packing—O. C. Keckley Co., 318 W. Washington, Chicago, Ill.
THUR-STONE rubbing grains—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
THYSSEN ENTRAINMENT air pumps—C. H. Wheeler Mfg. Co., Lehigh & 18th, Phila., Pa.
TICO steel die blocks—Titusville Forge Co., Titusville, Pa.
TICONDEROGA lead pencil—Joseph Dixon Crucible Co., Jersey City, N. J.
TIDMAN electric lamp hoods, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TIFFANY-NEVER-WIND clocks—Tiffany Never Wind Clock Corp., 2964 Main, Buffalo, N. Y.
TIFFIN wagons—Tiffin Wagon Co., Tiffin, Ohio
TIGER belting, hose, packing, rubber mats & insulating paper—Boston Woven Hose & Rubber Co., Cambridge, Mass.
TIGER belting—Cowan, Andrew & Co., Louisville, Ky.
TIGER bench & pipe vises — Emmert Mfg. Co., Waynesboro, Pa.
"TIGER" bronze bearings—More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
TIGER cement—Castalia-Portland Cement Co., Castalia, Ohio
TIGER cultivators—Rockford Mfg. Co., Rockford, Ill.
TIGER-fertilizer attachments—Tiger Drill Mfg. Co., Beaver Dam, Wis.
TIGER grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TIGER hose—Home Rubber Co., Trenton, N. J.
TIGER hot air furnaces—Floyd-Wells Co., Royersford, Pa.
TIGER hydrated, masons, agricultural & finishing lime—Kelley Island Lime & Transport Co., Leader News bldg, Cleveland, O.
TIGER lubricating oils & greases—Swan & Finch Co., 165 B'way, New York
TIGER metallic berths & bunks, woven wire folding cots—Haggard & Marusson Co., 1109 W. 37th, Chicago, Ill.
TIGER nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TIGER rice separators—Leo Rumely Tractor Co., La Porte, Ind.
TIGER shovels—Frick & Lindsay Co., Sandusky & Robinson, Pittsburgh, Pa.
TIGER spray nozzles—Field Force Pump Co., Elmira, N. Y.
TIGER stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.
TIGER tobacco transplanters—Ohio Rake Co., Dayton, Ohio
TIGER toilet paper holders—Weston Paper & Mfg. Co., Dayton, Ohio
TIGER varnish—W. W. Lawrence & Co., W. Carson nr Point Bridge, Pittsburgh, Pa.
TIGER wagon jacks—Richards-Wilcox Mfg. Co., Aurora, Ill.
TIGER wash boilers—Pritchard Stamping Co., Rochester, N. Y.
TIGER wrapping paper—Newton Paper Co., Holyoke, Mass.
TIGER PULL traction engines—Advance-Rumely Co., La Porte, Ind.
TIGER WHITE enamels—W. W. Lawrence & Co., W. Carson, Pittsburgh, Pa.
TIGHT-JOINT unions—Tight Joint Co., 310 E. 47th, New York
TIGHT WAD piston rings—Joseph Horatt, 417 Ferry, Lafayette, Ind.
TILE-IN china bathroom accessories—Hughes-Evans Co., 502 W. 32nd, New York
TILGHMAN sand blast equipment—Tilghman Brookshank Sand Blast Co., 1126 S. 11th, Phila., Pa.
TILLMAN fertilizer distributors—Harriman Mfg. Co., Harriman, Tenn.
TILLOTSON carbureters—Tillotson Mfg. Co., Toledo, Ohio
TILTON solid cotton belting—Arthur S. Brown Mfg. Co., Tilton, N. H.
TIM adding machines—Oscar Muller Co., 32 Broadway, New York
TIMACHINE burrs for sharpening pulp mill stones—Ticonderoga Machine Works, Ticonderoga, N. Y.
TIMELITE electric light alarm clock—F. W. Jansen Clock Co., 217 W. Randolph, Chicago, Ill.
TIMES sliding furniture shoes—Gould-Mesereau Co., 52 W. 38th, New York
TINDEL ALLBRECHT lathes, saws—Morris Tindel Co., Eddystone, Pa.
TINNERS' FRIEND gasoline soldering irons—Dobbins Mfg. Co., 127 S. 1st, Minneapolis, Minn.
TINNOL paste—Arabol Mfg. Co., 100 William, New York
TINOL self fluxing solder—Hess & Son, 2910 N. 16th, Phila., Pa.
TINTOLAC floor finish—Lincoln Paint & Color Co., Lincoln, Nebr.
TINY oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
TINY, 3 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
TIOGA garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
TIOGA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
TIPQVER dumping carts—E. D. Etnyre & Co., Oregon, Ill.
Tip-Top babbitt metal—Paul R. Brown Co., 101 Warren, New York
TIP-TOP can openers—N. R. Streeter & Co., Rochester, N. Y.
TIP-TOP cattle whips—Diamond Whip Co., 406H N. Curtis, Chicago, Ill.
TIP-TOP duplicators—Felix F. Daus Duplicator Co., 111 John, New York
TIP-TOP fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
TIP TOP garden cultivators—Hartman Mfg. Co., Vincennes, Ind.
TIP TOP lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
TIP TOP paint cans—Manufacturers' Can Co., Harrison, N. J.
TIP TOP rubber covered wire—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa
TIP-TOP shredded metallic packing—France Packing Co., Inc., 6512 State Road, Phila., Pa.
TIP TOP stoves—Southern Stove Works, Richmond, Va.
TIP-TOP ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
TIP TOP ventilator—Anderson Mfg. Co., Des Moines, Iowa
TISAFINE belting & packing—Strong Machinery & Supply Co., 21 Walker, New York
TISCO manganese steel track work, rails, switches, etc.—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
TITAN dredge chains—Mill & Mine Supply Co., 317 1st, Seattle, Wash.
TITAN farm tractors—International Harvester Co. of America, Inc., Harvester bldg., Chicago, Ill.
TITAN kerosene tractors—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
TITAN throttle & lever valves—Wm. Powell Co., Cincinnati, Ohio
TITAN tinners' saws—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TITANIC automobile springs—Tuthill Spring Co., 760 Polk, Chicago, Ill.
TITANOX paint pigments—Titanium Pigment Co., Niagara Falls, N. Y.
TITCHENER'S carriage fasteners — Crandal-Stone Div., The Brewer-Titchener Corp., Binghamton, N. Y.
TITEKOTE asphalt paints—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
TITELOCK-metal shingles—Decatur Cornice & Roofing Co., New Decatur, Ala.
TITEWELD gas tubing—Bishop Gutta Percha Co., 420H E. 25th, New York

TIXIT office & library paste—Clark Paper & Mfg. Co., Dept. H, Rochester, N. Y.
TOAD scrubbing brushes—Standard Brush Co., New Hartford, Conn.
TOBEY grease traps, steam traps—J. L. Mott Iron Works, Trenton, N. J.
TOCKOLITH paints—Toch Bros., 320 5th av, New York
TOCO graphite paints—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TOCONAMEL wall finish—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TOCOTONE wall finish—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TODD end cutting nippers—T. D. Hotchkiss Co., Deep River, Conn.
TOERRING arc lamps—C. J. Toerring Co., 1815H Bristol, Phila., Pa.
TOFCO lumber, oak flooring—Tenn. Oak Flooring Co Nashville, Tenn.
TOGAN BUILDINGS portable houses, Dept. H—Grand Rapids, Mich.
TOGO wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
TOLEDO blast furnaces—Toledo Furnace Co., Cleveland, Ohio
TOLEDO brazed steel tubing—Standard Steel Tube Co., Toledo, Ohio
TOLEDO drop hammers, presses & shears—Toledo Machine & Tool Co., Toledo, Ohio
TOLEDO garden cultivators, wheel garden hoes, weeders—Thornburgh Mfg. Co., Bowling Green, Ohio
TOLEDO grain dryers—J. D. Gerken Co., Toledo, Ohio
TOLEDO high speed steel—Jno. Hy. Andrew & Co., Ltd., 26 Cortland, New York
TOLEDO pipe cutters, pipe threading dies, ratchet boring tools—Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
TOLEDO steering coasters—Toledo Metal Wheel Co., Toledo, Ohio
TOLEDO CLIPPER garden barrows—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
TOLMAN-oxy-acetylene welding & cutting apparatus—Tolman Mfg. Co., 19 West 3rd, Boston, Mass.
TOLMAN tweezers—Adell Mfg. Co., Orange, Mass.
TOMAHAWK roofing brushes—New Jersey Brush Co., Bloomfield, N. J.
TOMLINSON barometric condensers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
TOMLINSON car couplers—Ohio Brass Co., Mansfield, Ohio
TOM THUMB carbureter—Tom Thumb Carbureter Co., New London, O.
TOM-THUMB hand riveting machines—A. C. Williams Co., Ravenna, Ohio
TONADO barn door hangers—J. E. Porter Co., Ottawa, Ill.
TON-A-FORD truck units—Ton-A-Ford Truck Co., Racine, Wis.
TONAPAH cotton planing drills, riding listers—Racine-Sattley Co., Springfield, Ill.
TONAWANDA emery grinders—Gillis Machine Co., Tonawanda, N. Y.
TONAWANDA SCOTCH pig iron—Tonawanda Iron & Steel Co., North Tonawanda, N. Y.
TONDEUR window glass annealing lehrs—Woods-Lloyd Co., S. 30th & Jane, Pittsburgh, Pa.
TON-DON carriage & wagon axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
TONFORD truck units—Detroit Truck Co., 815 2nd, Detroit, Mich.
TONK piano benches—Tonk Mfg. Co., 1912 Lewis av, Chicago, Ill.
TONSORIAL gem razors—F. A. Clauberg & Co., 27 Park pl, New York
TOOTHLESS currycombs—Wisconsin Metal Products Co., Racine, Wis.
TOOTS E electric steam signals—C. M. Lovested & Co., 316 1st av, S. Seattle, Wash.
TOOTS E steam whistles—C. M. Lovested & Co., 316 1st av, S. Seattle, Wash.
TOP cutting & lubricating oil—Frontier Mfg. Co., Dept. H, No. Tonawanda, N. Y.
TOPAZ oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TOP MILL pig iron—Wheeling Steel & Iron Co., Wheeling, W. Va.
TOPPS framing tools—G. A. Topp & Co., Indianapolis, Ind.
TOPSAIL cordage & twines—Bibb Mfg. Co., Macon, Ga.
TOPTON pig iron—Empire Steel & Iron Co., Catasauqua, Pa.
TORCH lamp black—L. Martin Co., 81 Fulton, New York
TORMAY engine & machine oilers—Ironsides Co., Columbus, Ohio
TORNADO coal drills—Herzler-Henninger Machine Works, Belleville, Ill.
TORNADO corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
TORNADO ensilage & feed cutters, corn shellers & silos—W. R. Harrison & Co., Massillon, Ohio
TORNADO hand blowers—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TORNADO hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TORNADO insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
TORNADO pneumatic tool hose—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
TORNADO spray pumps, tire air pumps—Judd-Leland Mfg. Co., Clifton Springs, N. Y.
TORNADO tube cleaners—Paul B. Huyette Co., 5 S. 18th, Phila., Pa.
TORNADO wood split pulleys—Erie Clutch & Pulley Co., Erie, Pa.
TORNQUIST electric protectors—Trio Mfg. Co., Rock Island, Ill.
TOROID lenses—Genesee Optical Co., Rochester, N. Y.
TORPEDO baby drills—Rix Compressed Air & Drill Co., 505 Howard, San Francisco, Cal.
TORPEDO neck yokes—Reno Mfg. Co., Erie, Pa.
TORPEDO packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
TORPEDO tube cleaners—General Specialty Co., Buffalo, N. Y.
TORREY rod springs—Columbian Hardware Co., Cleveland, Ohio
TORRID gasoline blast furnaces, blow torches, fire pots—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
TORRID ZONE hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
TORRINGTON carpet sweepers & electric vacuum cleaners—National Sweeper Division of the Torrington Co., Torrington, Conn.
TORRINGTON talking machine needles—Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., Torrington, Conn.
TORSION assay balances, testing scales—Torsion Balance Co., 92 Reade, New York
TORSION lock-nut plates, iron & steel washers—Torsion Nut Lock & Washer Co., Inc., Central, Boston, Mass.
TORTOISE rubber hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
TOSCANI CHEROOT cigar machinery—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
TOT scrubbing brushes—Standard Brush Co., New Hartford, Conn.
TOTAL eclipse hydrants—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
TOUT welding torches—St. Paul Welding & Mfg. Co., 173 W. 3rd, St. Paul, Minn.
TOWER bean cultivators, walking & riding cultivators—J. D. Tower & Sons Co., Mendota, Ill.
TOWER car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
TOWER electric cable hangers—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
TOWER gang saw edgers, lumber trimmers—Gordon Hollow Blast Grate Co., Greenville, Mich.
TOWER paint—Driscoll Bros. & Co., Ithaca, N. Y.
TOWER rubber hose—Republic Rubber Co., Youngstown, Ohio
TOWERS pipe & nut wrenches, screw drivers—Union Hardware Co., Torrington, Conn.
TOWERS potato planters—Towers & Sullivan Mfg. Co., Rome, Ga.
TOWMOTOR gasoline tractors—Towmotor Co., 1226 E. 152d, Cleveland, Ohio
TOWN & COUNTRY ready mixed paints—du Pont E. I. de Nemours & Co. (Paint & Varnish Sales Div.), Wilmington, Del.
TOWNSEND sewer traps—Townsend Foundry & Machine Shop Co., Albany, N. Y.
TOWNSEND wood screw machy. & taper attachments—H. P. Townsend Mfg. Co., 10H Hoadley pl, Hartford, Conn.
TOWNSEND'S lawn mowers, oil & grease guns—S. P. Townsend & Co., Orange, N. J.
TOWN TALK metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
TOXEMONT waterproofing materials—Toch Bros., 320 5th av. New York
TOY ice cream freezers—North Bros. Mfg. Co., Lehigh av, & American, Phila., Pa.
TRAFILOG time recorders—Brown Trafilog Co., 6538 Carnegie av, Cleveland, O.
TRAHER belt dressing—Viscol Co., Cambridge, Mass.
TRAHERN pumping jacks—Trahern Pump Co., Rockford, Ill.
TRAILMOBILE automobile truck trailers—Trailmobile Co., Oakley, Cincinnati, Ohio
TRANE radiator traps—Plant Engineering & Equipment Co., Inc., 192H B'way, New York
TRANE vacuum heating—Vacuum Heating Co., Heed bldg. Phila., Pa.
TRANSIL oils—General Electric Co., Schenectady, N. Y.
TRANSIT split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
TRANSIT pumps & engines—National Transit Pump & Machine Co., Oil City, Pa.
TRANSOM draft gear—Commonwealth Steel Co., St. Louis, Mo.
TRANSPARENT floor finish—Murphy Varnish Co., 224 McWhorter, Newark, N. J.
TRANSPARENT WATERPROOFING brick paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
TRANSVEYOR elevating trucks—Cowan Truck Co., Holyoke, Mass.
TRAVELIGHT traveling bags—Travelight Mfg. Co., 237 Lawrence, Phila., Pa.
TRAVIS glass bottles—Travis Glass Co., Clarksburg, W. Va.
TRAX-YUN antiskid chains—Cleveland Chain & Mfg. Co., Penn. R. R. & Henry, Cleveland, Ohio
TREAD-AIR rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
TREAD-KILL industrial & portable railways—M. H. Treadwell Co., 208 S. La Salle, Chicago, Ill.
TREADWELL rubber heels—Atlantic Mfg. Co., Wilmington, Del.
TREADWELL shaking grates—M. H. Treadwell Co., 140 Cedar, New York
TREADWILL rubber heels—Atlantic Mfg. Co., 2d & Walnut, Wilmington, Del.
TREASURE safety pins—Oakville Co., Waterbury, Conn.

TREASURY blotting paper—Jos. Parker & Son Co., New Haven, Conn.
TRECO automobile horns—Russell Electric Co., Danbury, Conn.
TRECTOR undercoater—Patton Paint Co., Milwaukee, Wis.
TREE BRAND cutlery—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
TREMAIN steam stamps—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
TREMAINE natural gas burners—T. H. Jamison, Claysville, Pa.
TREMONT electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TREMONT hot water radiators—Gurney Heating Mfg. Co., 93-95 Oliver, Boston, Mass.
TREMONT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TRENTON anvils—Columbus Forge & Iron Co., Columbus, Ohio
TRENTON boiler couplings, wash tray plugs—Trenton Brass & Machine Co., Trenton, N. J.
TRENTON grass hooks & shears—Boker Cutlery & Hardware Co., 101 Duane, New York
TRENTON trolley wagons—J. R. McCardell & Co., Trenton, N. J.
TRIANGLE carbon paper—H. M. Storms Co., 11 Vandewater, New York
TRIANGLE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
TRIANGLE lubricating oils & greases—Ohio Grease Co., Loudonville, Ohio
TRIANGLE matches—Budde & Westerman, 7th av & 39th, New York
TRI-ANGLE poultry fountains, poultry coops—Tri-Angle Mfg. Co., Freeport, Ill.
TRIANGLE sheet packing—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
TRIANGLE B case hardening & carbonizing compounds, zinc, salts—C. G. Buchanan Chemical Co., 4650 Baker av, Cincinnati, Ohio
TRI BELLE riding drills, listers—Moline Plow Co., Moline, Ill.
TRI-BISC pump valves—J. C. Edgecumbe & Co., 149 B'way, New York
TRIBLOC chain hoists—Ford Chain Block & Mfg. Co., 2d & Diamond, Phila., Pa.
TRIBUNE packing—Continental Rubber Works, Erie, Pa.
TRI-COAT cable insulation — General Electric Co., Schenectady, N. Y.
TRI-CO RAIN rubber wind shield cleaners—Tri-Continental Corp., 2665 Main, Buffalo, N. Y.
TRI-CO UNIVERSAL rain rubber window cleaning appliances—Tri-Continental Corp., 2665 Main, Buffalo, N. Y.
TRICYCLE riding listers—Rock Island Plow Co., Rock Island, Ill.
TRIDENT anvil vises, dredge chains, drill machines, guy clamps—Newhall Chain, Forge & Iron Co., 89 West, New York
TRIDENT conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
TRIDENT engine lubricators—Wm. Powell Co., Cincinnati, Ohio
TRIDENT water meters—Neptune Meter Co., 50 E. 42d, New York
TRIDENT-CREST water-cart meters—Neptune Meter Co., 50 E. 42d, New York
TRIEDER binoculars—C. P. Goertz American Optical Co., 317 E. 34th, New York
TRILBY airtight stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
TRILBY shoe blacking & polishes—Everett & Barron Co., 359 Eddy, Providence, R. I.
TRILL steam engine indicators, planimeters—Trill Indicator Co., Corry, Pa.
TRIMALITE architectural varnishes—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
TRIMO wrenches, pipe cutters—Trimont Mfg. Co., 55 Amory, Roxbury, Boston, Mass.
TRIMOUNT air compressors, pumps—Trimount Rotary Power Co., 1343 Columbus av, Boston, Mass.
TRIMOUNT belting, cotton & rubber hose, sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
TRINER automatic parcel post scales—Allsteel Scale Co., Inc., 25 W. B'way, New York
TRINIDAD asphalt cements, road binders & preservatives—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
TRINITY belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
TRINITY cement—Trinity Portland Cement Co., Dallas, Tex.
TRINITY lavatories & fittings—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
TRI-ODIN natural gas burners—Odin Stove Mfg. Co., Erie, Pa.
TRIPART metal fishing reels—General Phonograph Corp., 25 W. 45th, New York
TRIPLE spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
TRIPLE A. floor surfacing machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
TRIPLE CLUTCH animal traps—Triumph Trap Co., Inc., Oneida, N. Y.
TRIPLE PETTICOAT glass insulators—Hemingray Glass Co., Covington, Ky.
TRIPLE sheet pure gum packing—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TRIPLE TAPE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
TRIPLEX bath tub seats—Triplex Bath Tub Chair Mfg. Co., Scranton, Pa.
TRIPLEXD gasoline oil paint-spray filling station, flexible metal lined hose—Metal Hose & Tubing Co., 252 Tillary, Brooklyn, N. Y.
TRIPLEX oil gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRIPLEX power pumps—Pratt & Cody Co., Inc., Hartford, Conn.
TRIPLEX spring hinges—Chicago Spring Butt Co., 1500 Carroll av, Chicago, Ill.
TRIPLEX tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
TRIPLEXOGRAPH registers — Hainer Bookkeeping Co., 45 Williard av, Providence, R. I.
TRIP-L-HEAT electric sad irons—Waage Elec. Co., 12 S. Jefferson, Chicago, Ill.
TRIPOLI buffing compositions—Hill & Griffith Co., 1248 State av, Cincinnati, O.
TRIPOLI water filters—J. A. Zurn Mfg. Co., Dept. H, Erie, Pa.
TRIPOLI FLOUR buffing compositions—American Tripoli Co., Seneca, Mo.
TRIPP packing—Wm. B. Merrill & Co., Jamaica Plain, Boston, Mass.
TRIPURES copper stills, feed water heaters, evaporators, sterilizing apparatus, welded tanks—Standard Water Systems Co., Hampton, N. J.
TRISALYT nickel salts—Roessler & Hasslacher Chemical Co., 709 6th av, New York
TRITON belting—Norwich Belt Mfg. Co., Norwich, Conn.
TRITON hot water radiators—U. S. Radiator Corp., 133 E. Grand River, Detroit, Mich.
TRITON insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
TRITON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
TRITONE automobile whistles—Sibley & Pitman, Electrical Corp., 190 6th av, New York
TRITONE whistles—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRIUMPH animal traps—Triumph Trap Co., Oneida, N. Y.
TRIUMPH apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
TRIUMPH ash sifters, wire cloth—Success Mfg. Co., Gloucester, Mass.
TRIUMPH auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio
TRIUMPH ball cocks, ale pumps & water lifts—Ohio Pump & Brass Co., Columbus, Ohio
TRIUMPH bridle bits—Fernald Mfg. Co., North East, Pa.
TRIUMPH brass faucets—Crane Co., 836 S. Michigan av, Chicago, Ill.
TRIUMPH cider mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TRIUMPH clippers—Coates Clipper Mfg. Co., Worcester, Mass.
TRIUMPH clothes wringers—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
TRIUMPH coil chains—Bridgeport Chain Co., Bridgeport, Conn.
TRIUMPH cork pullers—Arcade Mfg. Co., Freeport, Ill.
TRIUMPH crushers, screens, mills, feeders, dryers, etc.—C. O. Bartlett & Snow Co., French, Cleveland, Ohio
TRIUMPH dough dividing & mixing machines—Triumph Mfg. Co., Cincinnati, Ohio
TRIUMPH electric elevator motors—Triumph Electric Co., Oakley, Cincinnati, Ohio
TRIUMPH engine indicators—Trill Indicator Co., Corry, Pa.
TRIUMPH ensilage cutters—Lyon Iron Works, Greene, N. Y.
TRIUMPH exhaust heads & steam separators—Steam Appliance Co., 63rd av & N. Burnham, Milwaukee, Wis.
TRIUMPH feed cutters—Mountville Mfg. Co., Mountville, Pa.
TRIUMPH fruit jar wrenches—Benj. P. Forbes, 409 Superior av, Cleveland, Ohio
TRIUMPH fuel level indicators—Boston Auto Gage Co., 8 Waltham, Boston, Mass.
TRIUMPH gas engines—Root & Vandervoort Engineering Co., East Moline, Ill.
TRIUMPH hand carts—Swartwout Mfg. Co., Clinton, N. Y.
TRIUMPH hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.
TRIUMPH harness snaps—Covert Saddlery Works, Interlaken, N. Y.
TRIUMPH harrows—Reed Fdry. & Mach. Co., Kalamazoo, Mich.
TRIUMPH hay tedders—Thomas Mfg. Co., Springfield, Ohio
TRIUMPH heating stove—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
TRIUMPH lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
TRIUMPH liquid soap—Thos. B. Robertson Products Co., 700 W. Division, Chicago, Ill.
TRIUMPH milk bottle holders—Parker Wire Goods Co., Worcester, Mass.
TRIUMPH packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
TRIUMPH paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
TRIUMPH refrigerators—Challenge Refrigerator Co., Grand Haven, Mich.
TRIUMPH road scrapers—American Steel Scraper Co., Sidney, Ohio
TRIUMPH sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
TRIUMPH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
TRIUMPH ship & deck pumps—Deming Co., Salem, O.
TRIUMPH spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
TRIUMPH sugar centrifugals—Blymyer Iron Works Co., Cincinnati, Ohio

TRIUMPH tea filters—Hamblin & Russell Mfg. Co., Worcester, Mass.
TRIUMPH tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.
TRIUMPH JR. brass faucets—Crane Co., 836 S. Michigan av, Chicago, Ill.
TRIUMPHATOR calculating machines—Triumphator Calculating Machine Co., 81 New, New York
TRIUMPH SERIES steam heaters—Craig-Reynolds Foundry Co., Dayton, Ohio
TRI-WHEELER riding listers—St. Joseph Plow Co., St. Joseph, Mo.
TROEGERLITH composition flooring—Cheney & Co., Inc., 134 W. 18th, New York
TROIKE automobile mufflers—Troike Muffler & Mfg. Co., Loraine, Ohio
TROJAN belt dressing—Barnum Bros. Co., Troy, N. Y.
TROJAN box straps—DeHaven Mfg. Co., 50 Columbia Hgts, Brooklyn, N. Y.
TROJAN cordage & twine—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
TROJAN files—Troy File Works, Troy, N. Y.
TROJAN glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
TROJAN harness snaps—Covert Mfg. Co., Troy, N. Y.
TROJAN lawn canopies—Troy Carriage Sun Shade Co., Troy, Ohio
TROJAN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
TROJAN locomotive bell ringers, metallic packing, valve grinding compounds—H. G. Hammett, Troy, N. Y.
TROJAN lubricators—Wm. Powell Co., Cincinnati, Ohio
TROJAN mop sticks & holders—Arcade Mfg. & Engine Co., Freeport, Ill.
TROJAN mop sticks & holders—Parks & Parks, Troy, N. Y.
TROJAN mop sticks & holders—Stover Mfg. Co., Freeport, Ill.
TROJAN powder—Pennsylvania Trojan Powder Co., Allentown, Pa.
TROJAN pressure regulators, valves — Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.
TROJAN steam heaters—Aird-Don Co., Troy, N. Y.
TROJAN sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
TROKAL floor finish—Eugene E. Nice, 272 S. 2nd, Phila., Pa.
TROMBLEE-PAUL rotary sulphur burners—Glens Falls Mach. Wks., Glens Falls, N. Y.
TROMBONE extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
TROMBONE shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
TROMMELL mining screens—Galena Iron Works Corp., Galena, Ill.
TROPHY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TROPICAL RUBBER roofing paints—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TROPICAL waterproofing paint—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TROTTERS commutator compounds—Jas. Goldmark Co., 83 Warren, New York
TROUT rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
TROUT'S steam feed valves—Lufkin Foundry & Machine Co., Lufkin, Tex.
TROY automobile wind shields—Troy Carriage Sunshade Co., Troy, Ohio
TROY wagons—Troy Wagon Works Co., 100 E. Race, Troy, Ohio
TROY LADIES' PRIDE sad irons—Wrightsville Hardware Co., Wrightsville, Pa.
TROUGH CON canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
TRUCKFORD truck units—Robinson Machine Co., 584 Franklin, Detroit, Mich.
TRUCKMOBILE truck units—Cole Truckmobile Co., 408 Laflin, Chicago, Ill.
TRUE baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.
TRUE mitre boxes—Nicholls Mfg. Co., Ottumwa, Ia.
TRUE BLUE cultivators—Blount Plow Works, Evansville, Ind.
TRUE BLUE stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
TRUE OAK belting—Smyth-Despard Co., Utica, N. Y.
TRUESTYLE steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.
TRUE TEMPER hand forks, hoes, rakes & hooks—American Fork & Hoe Co., Swetland bldg, Cleveland, Ohio
TRUFFAULT-HARTFORD shock absorbers—Hartford Suspension Co., 141 Morgan, Jersey City, N. J.
TRUKASTER casters—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio.
TRU-LITE catches, knobs, push-plates & glass shelves —True-Lite Mfg. Co., Dept. H, Bradford, Pa.
TRUMBULL knife switches, light switchboards—Trumbull Electric Mfg. Co., Plainville, Conn.
TRUMP bag holders—Trumpfheller Mfg. Corp., 447 Ellicott sq, Buffalo, N. Y.
TRUMP conductors' ticket punches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TRUMPET metal polish—Borsum Bros., 227 Fulton, New York
TRUSCON bldg products—Truscon Steel Co., Youngstown, Ohio
TRUSTY gasoline strainers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRUSTY screwdrivers—Bridgeport Hdwe. Mfg. Corp., Bridgeport, Conn.
TRY ME ball cocks—Try-Me Mfg. Co., Springfield, Mass.
TRY ME ball cocks—Try-Me Mfg. Co., Westfield, Mass.
TRYON baseballs, baseball gloves—Edw. K. Tryon Co., 611 Market, Phila., Pa.
TUBAL manganese bronze ingots, manganese phosphor rods, pump rods—Paul S. Reeves & Co., 1415 Catherine, Phila., Pa.
TUBULAR potato planters—Potato Implement Co., Traverse City, Mich.
TUBULAR shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
TUCK packing—Schultz Patent Rubber Co., Phila., Pa.
TUCKAHOE toggles—U. S. Expansion Bolt Co., 25 Elin, New York
TUCKER casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
TUCKER grease traps—J. L. Mott Iron Works, Trenton, N. J.
TUCKER oil hole covers & cups—W. W. & C. F. Tucker, Hartford, Conn.
TUCKS packing—New York Belting & Packing Co., 91 Chambers, New York
TUCKS packing—Crandall Packing Co., Palmyra, N. Y.
TUCKS packing piston packing—Schultz Patent Rubber Co., 52 N. 13th, Phila., Pa.
TUCK'S tobacco counter cutters—Wm. Schollhorn Co., New Haven, Conn.
TUDOR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TUDOR ACCUMULATOR storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.
TUEBOR fire hose—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
TUEC vacuum cleaners—United Electric Co., Canton, Ohio
TUERK exhaust fans, water motors—Hunter Fan & Motor Co., Fulton, N. Y.
TUF-TEX burlaps—Lehon Co., 4451 S. Oakley av, Chicago, Ill.
TUFTEX automobile transmission lining, solid woven belting—Empire Weaving & Belting Co., East Rochester, N. Y.
TULIP fruit jar rubbers—Empire Tire & Rubber Corp., Trenton, N. J.
TULLE lubricating oils & greases—Universal Lubricating Co., Schofield bldg, Cleveland, Ohio
TULLER lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
TUMBLER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
TUNGAR battery charges—General Electric Co., Schenectady, N. Y.
TUNGARD harness buckles—North & Judd Mfg. Co., New Britain, Conn.
TUNGSTEN spark plugs—Tungsten Mfg. Co., Marshalltown, Iowa.
TUNIS lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TUPPER grate bars—Daugherty Foundry Co., Allentown, Pa.
TUPPER grate bars—Edw. Sellers, Lewisburg, Pa.
TUPPER grate bars—Valley Iron Works, Williamsport, Pa.
TUPPER shaking grates—Chas. Robson & Co., 8th & Washington av, Philadelphia, Pa.
TURBINE egg & cream beaters—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
TURBINE lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
TURBO humidifier apparatus—G. M. Parks Co., Fitchburg, Mass.
TURBOIL lubricating oils—Scrymser Co., 80 South, New York
TUR-MIN-TINE mineral turpentine—Waverly Oil Works Co., Pittsburgh, Pa.
TURN BRAND pruning shears—Graef & Schmidt, 107 Chambers, N. Y.
TURNBULL wagons, wagon dump boxes—Turnbull Motor Truck & Wagon Co., Defiance, Ohio
TURNBULL'S spring counter scales—Landers, Frary & Clark, New Britain, Conn.
TURNER DRAG LINE ditching machines—United Iron Wks., Inc., Kansas City, Mo.
TURNER drawer slides—Grant Pulley & Hardware Co., 101 Park av, New York
TURNER interior telephones—National Dictagraph Co., 220 W. 42nd, New York
TURNER leather belt machines, presses, etc.—Turner Tanning Mach'y Co., Peabody, Mass.
TURNER low water alarms, safety water columns—Binghamton Machine Works, Binghamton, N. Y.
TURNER oil filters, lubricating oil storage tanks—Turner Oil Filter Co., Niles, Mich.
TURNER roller covering machines—J. S. Turner Mfg. Co., Lowell, Mass.
TURNER shock absorbers, tire air pumps—Turner Brass Works, Sycamore, Ill.
TURNER-TURRET vertical boring & chucking machines—Turner Machine Co., Danbury, Conn.
TURNLOW gas soldering furnaces—Chicago Hardware Foundry Co., 544 W. Washington, N. Chicago, Ill.
TURNMORE adjustable wrenches—Anderson Wrench Co., Portland, Conn.
TURPOLENE turpentine substitute—Climax Western Oil Co., Minneapolis, Minn.
TURPSENE turpentine substitute—Turpsene Mfg. Co., 1901 Callowhill, Philadelphia, Pa.
TURPSOID turpentine substitute—Geo. H. Garnet Co., Allentown, Pa.
TURPYNE wood turpentine—Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
TURQUOISE kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.

TURTLE belt fasteners—Flexible Steel Lacing Co., 522 S. Clinton, Chicago, Ill.
TURTLE match safes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
TURXO packing—New York Belting & Packing Co., 91 Chambers, New York
TURZ-LITE gasoline arc lamps, sad irons—Tures Mfg. Co., Milwaukee, Wis.
TUSCALOOSA pig iron—Central Iron & Coal Co., 90 West, New York
TUSCAN cotton softeners—Harding & Fancourt, 516 S. Delaware av, Philadelphia, Pa.
TUSCORA kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
TUSCORA molding sand—Tuscora Sand & Coal Co., 719 Prospect, Hippodrome bldg, Cleveland, Ohio
TUTHILL water wheels—United Iron Works, Oakland, Cal.
TU-TON dolly trucks—Hamilton Caster & Mfg. Co., The, Hamilton, Ohio
TUTTLE tapping machines—Evans Stamping & Plating Co., Taunton, Mass.
TUXEDO cooking range—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
TUXEDO swing joints & unions—Williams-Franklin, Inc., 37 Cortlandt, New York
TUXEDO card tables—E. T. Burrowes Co., Portland, Me.
TUXEDO electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TUXEDO lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
TUXEDO unions—Franklin Williams, Inc., 39 Cortlandt, New York
TUYERE grate bars—Gordon Hollow Blast Grate Co., Greenville, Mich.
TWELVE electric vacuum cleaners—Hurley Machine Co., Cicero, Chicago, Ill.
12-IN-1 combination tools—Harrah Mfg. Co., Bloomfield, Ind.
TWELVE MULE TEAM gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
20TH CENTURY balancing tools—Rockford Tool Co., Rockford, Ill.
20TH CENTURY barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
20TH CENTURY bath tub seats—U. S. Sanitary Mfg. Co., Arot bldg., Pittsburgh, Pa.
20TH CENTURY bed casters—Keystone Friction Hinge Co., Williamsport, Pa.
20TH CENTURY belt dressing—Bayerson Oil Works, Erie, Pa.
20TH CENTURY belt lacing, sewing machine & oval pointed hooks, steel belt lacing studs—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
TWENTIETH CENTURY boring tools—Wellman Co., Medford, Mass.
20TH CENTURY can & bag carriers—Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.
20TH CENTURY can openers—Knickerbocker Mfg. Co., Belleville, N. J.
20TH CENTURY children's vehicles — Kirk-Latty Mfg. Co., 1971 W. 85th. Cleveland, Ohio
20TH CENTURY collar shaping machines—Wm. A. Zeidler Co., 163rd & Melrose av, New York
20TH CENTURY concrete mixers, elevators & buggies, road machy & steam rollers—Norris K. Davis, 400 7th, San Francisco, Cal.
20TH CENTURY concrete mixers—Twentieth Century Mixer Co., Connorsville, Ind.
TWENTIETH CENTURY drill chucks—Standard Machinery Co., Mystic, Conn.
20TH CENTURY drinking fountains—M. & H. Foundry & Mfg. Co., Belleville, Ill.
20TH CENTURY fruit evaporators—Munnsville Plow Co., Munnsville, N Y
20TH CENTURY gas engines—New York Yacht, Launch & Engine Co., Morris Heights, New York
TWENTIETH CENTURY gas machines, gas producers—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.
20TH CENTURY graders—Baker Mfg. Co., Springfield, Ill.
20TH CENTURY hinge mfrs.—Keystone Friction Hinge Co., Williamsport, Pa.
20TH CENTURY ice skates, roller skates—Kohler Die & Specialty Co., De Kalb, Ill.
TWENTIETH CENTURY lawn sprinkler—W. D. Allen Mfg. Co., 566 W. Like st, Chicago, Ill.
20TH CENTURY linoleum cements—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
20TH CENTURY lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
20TH CENTURY milk can washing machines—Oakes & Burger Co., Cattaraugus, N. Y.
20TH CENTURY nut crackers & picks—Gray Iron Foundry Co., Reading, Pa.
20TH CENTURY packing—American Steam Packing Co., 165 High, Boston, Mass.
20TH CENTURY packing—Martell Packings Co., Inc., The, Elyria, Ohio
20TH CENTURY pipe vises—Prentiss Vise Co., 110 Lafayette, New York
20TH CENTURY rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
TWENTIETH CENTURY spark timers—Powell Muffler & Timer Co., Utica, N. Y.
20TH CENTURY steam engine indicators & tube cleaners—Richard Thompson & Co., 146H Liberty, New York
20TH CENTURY store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
TWENTIETH CENTURY tank heaters—Butler Co., Butler, Ind.
20TH CENTURY tire protectors—20th Century Tire Protector Co., Midlothian, Tex.
20TH CENTURY vegetable oil & green soap—Thos. B. Robertson Products Co., 70 W. Division, Chicago, Ill.
20TH CENTURY windmill pumps—Humphryes Mfg. Co., Mansfield, Ohio
20TH CENTURY TANGYE ice & refrigerating machines—Triumph Ice Machine Co., Oakley, Cincinnati, Ohio
TWENTY-FIRST CENTURY valve bags—Valve Bag Co. of America, Toledo, Ohio
23 POLISH—Mutual Auto Accessories Co. of America, 1777 B'way, New York
23-SKIDDO paint & varnish remover—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
22 HI-POWER ammunition—Savage Arms Corp., Utica, N. Y.
26 KARAT cordage & twine—American Mills Co., Atlanta, Ga.
TWIN cultivators—J. I. Case Plow Works, Racine, Wis.
TWIN BRAND ink erasers—Graef & Schmidt, 107 Chambers, New York
TWIN jacks—Weaver Mfg. Co., Springfield, Ill.
TWIN receptacles—General Electric Co., Schenectady, N. Y.
TWIN wall ties—Hunt Metal Corner Co., Westboro, Mass.
TWIN BOY rotary dumps—Anniston Electric Steel Corp., Dept. H, Anniston, Ala.
TWIN CITY engines, derricks, hoists—Minneapolis Steel & Machinery Co., 2854 Minnehaha av, Minneapolis, Minn.
TWIN GRIP paper fasteners—De Long Hook & Eye Co., 21st & Clearfield, Phila., Pa.
TWINITY snap fasteners—Federal Snap Fastener Corp., 27 W. 31st, New York
TWINK dye flake soaps—Lever Bros. Co., Cambridge, Mass.
TWINLINE roller bearings for factory power transmission, machines, etc.—Makritchan Roller Bearing Co., Joliet, Ill.
TWINPLEX safety razor stroppers—Twinplex Sales Co., 1602 Locust, St. Louis, Mo.
TWIN R research apparatus—American Radio & Research Corp., 21 Park Row, New York
TWINRO roller bearings for automobiles, tractors, machines, etc., Makutchan Roller Bearing Co., Joliet, Ill.
TWINROLD box strapping—Stanley Works, New Britain, Conn.
TWIN-TACT spark plugs — Superior Motor Power Co., 135 5th av, New York
TWINTILE motor cloth—Boston Woven Hose & Rubber Co., Cambridge, Mass.
TWINVOLUTE pumps—Twinvolute Pump & Mfg. Co., 55 William, New York
TWITCHELL tire pressure gauges—Twitchell Gauge Co., Chicago, Ill.
TWO CELL electric lanterns—Hytees' Factories, Inc., Indianapolis, Ind.
TWO IN ONE air gauges—Precision Instrument Co., 21 Halsey, Newark, N. J.
TWO-IN-ONE combination, letter & parcel mailing device—Bemis Bro. Bag Co., 601H S. 4th, St. Louis, Mo.
2 IN 1 engine lathes—J. J. McCabe Lathe & Machy. Corp., 149 B'way, New York
2 IN 1 hose rack—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, Ohio
2 IN 1 polish—F. F. Dalley Co., Buffalo, N. Y.
2-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.
TWO-IN-ONE toe calk welding dies—Cleveland Shaft Spring Co., Cleveland, Ohio
TWOPLEX demijohns—Fred C. White, 241 Water, New York
TWO POINT electric sad irons—Satisfaction Guaranteed Corp., 659 Fulton, Chicago, Ill.
TWO ROW CELL DROP cotton planters—J. I. Case Plow Wks., Racine, Wis.
TWO-WAY plug—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
TWO WAY sulky plows—J. I. Case Plow Wks., Racine, Wis.
TWO-WAY wire connectors—Frank Ridlon Co., 251 A, Boston, Mass.
TWYNCONE friction clutch—Link Belt Company, 300 W. 39th, Chicago, Ill.
TY COBB sporting & athletic goods—W. B. Jarvis Co., Grand Rapids, Mich.
TYCOS instruments—Taylor Instrument Companies, Rochester, N. Y.
TYDEN self-locking seals—International Seal & Lock Co., Hastings, Mich.
TYDOL gasoline—Tidewater Oil Co., 11 B'way, New York
TYFCOTE stains & varnishes—du Pont E. I. de Nemours & Co., Inc., paint & varnish section, Wilmington, Del.
TYLER feed water weighers, steam traps—Tyler Underground Heating System, 855 Progress, Pittsburgh, Pa.
TYLER steam traps—Tyler Underground Heating System, 855 Progress, Pittsburgh, Pa.
TYLER wrought steel window frame—W. S. Tyler Co., Cleveland, Ohio
TYLER'S calf weaners—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
TYPHON clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
TYPHOON double-acting pumps—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
TYRIAN automobile horn bulbs, inner automobile tubes, rubber-headed tacks, rubber blankets, blowers, bed pans, syringes, bottles, tobacco pouches & bath sprays—Tyer Rubber Co., Andover, Mass.

TYROLEAN electric bells—Electric Goods Mfg. Co., Canton, Mass.
TYRONE automatic sand drums—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
TYRONE drinking fountains—Crane Co., 836 S. Michigan av, Chicago, Ill.
TYTE-UNYTE pipe joint cements—J. C. Whitlam Mfg. Co., Wadsworth, Ohio
U concrete reinforcing materials, reinforcing bar benches—Neevel Mfg. Co., Kansas City, Mo.
U packing—Providence Belting Co., 7 Beverly, Providence, R. I.
U packing—Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.
U-AU-TO axle grease & linseed oil soap—Sinclair Refining Co., Albany, N. Y.
U. C. water coolers—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.
U. F. CO. cast iron soil pipes—Union Foundry Co., Anniston, Ala.
U. M. clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio
U & G belting—United & Globe Rubber Co., Dept. H, Trenton, N. J.
U-KAN-PLATE silver polish—A. R. Justice Co., 612 Chestnut, Phila., Pa.
U-NETTES filing cabinets—General Fireproofing Co., Youngstown, Ohio
U-N-O shoe blacking & polishes—Everett & Baron Co., 359 Eddy, Providence, R. I.
U N X L D galvanized laundry tub covers—Greason Mfg. Co., 108 W. 99th, New York
UBBINK curb forms—Joe Ubbink, Port Washington, Wis.
UDELL ironing boards—Udell Works, Indianapolis, Ind.
UEMCO elect. controllers, motor starters & rheostats—Union Elect. Mfg. Co., 110 Reed, Milwaukee, Wis.
UGITE road binders & preservatives—United Gas Improvement Co., Broad & Arch, Phila., Pa.
UHL metallic furniture, adding machine stands—Toledo Metal Furniture Co., Toledo, Ohio
U-KAN-PLATE metal polish—A. R. Justice Co., 607 Chestnut, Phila., Pa.
UKO spark plugs, stove polish—Utility Co., 636 W. 44th, New York
ULCO lead rope, lead wool packing—United Lead Co., 111 Broadway, New York
ULERY tool kits—U. J. Ulery Co., 258 Broadway, New York
ULMER levels & transits—J. C. Ulmer Co., 1791 E 38th, Cleveland, Ohio.
ULRICH adjustable shadowless tables—Wausau Fixture Co., Wausau, Wis.
ULSTER chair seats—Blair Veneer Co., North Troy, N. Y.
ULSTER kitchen knives—Divine Dwight & Sons, Ellenville, N. Y.
ULSTER staybolt iron—Ulster Iron Works, Dover, N. J.
ULTEX propection lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
ULTIMATE water closets—Jackson Potteries Co., Fulton bldg, Pittsburgh, Pa.
ULTISSIMUS crome steel—Electro Steel Co., Curry bldg, Pittsburgh, Pa.
ULTRA tire air pumps—Stevens & Co., 373 Broadway, New York
ULTRA BLAC automobile varnish—Atlantic Varnish Works, Inc., Richmond, Va.
ULTRA CAPITAL steel—Edgar T. Ward's Sons, 44 Farnsworth, Boston, Mass.
UMAKEM toy outfits—W. R. Price, Inc., 127 5th av, New York
UMPIRE sheet steel wall ties—Church Appliance Mfg. Co., La Salle, Ill.
UNAPAC asbestos packings—United Asbestos & Packing Co., 619-629 Washington blvd., Chicago, Ill.
UNCLE SAM boys' axes—Romer Axe Co., Dunkirk, N. Y.
UNCLE SAM cultivators—Grand Detour Plow Co., Dixon, Ill.
UNCLE SAM grass sheep shears—Geo. E. Gay, Augusta, Me.
UNCLE SAM motor boat—Disappearing Propeller Boat Corp. of New York, North Tonowanda, N. Y.
UNCLE SAM picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.
UNCLE SAM riveting machines—A. C. Williams Co., Ravenna, Ohio
UNCLE SAM spring tooth attachments—B. F. Avery & Sons, Louisville, Ky.
UNCLE SAM stove pipe dampers—Sayre Stamping Co., Sayre, Pa.
UNCLE SAM'S hand power & portable punches—Whitney Metal Tool Co., Rockford, Ill.
UNCLE SAM'S portable punches—Whitney Metal Tool Co., Rockford, Ill.
UNDARK radium luminous material—Radium Luminous Material Corp., 58 Pine, New York
UNDERHILL axes—American Axe & Tool Co., Glassport, Pa.
UNDERWOOD bath tubs—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
UNDERWOOD belting—Wm. Sumner Belting Co., Tolland, Conn.
UNDERWOOD self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
UNDERWRITERS fire door hangers—Stowell Co., S. Milwaukee, Wis.
UNDERWRITERS fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
UNDERWRITERS fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
UNDERWRITERS fire hose—Hewitt Rubber Co., Buffalo, N. Y.
UNEEDA corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
U-NEED-A dusters—Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
UNEEDA ranges—Huenefeld Co., Cincinnati, Ohio
UNEEDIT gas sad irons—Rosenbaum Mfg. Co., 33 Bleecker, New York
UNEQUALED oak flooring—T. Wilce Co., 2209 Throop, Chicago, Ill.
UNIBLADE pulley driven & motor driven blowers & volume blowers—Batterman Truett Co., 736 W. Monroe, Chicago, Ill.
UNICO carbon paper—Union Paper & Twine Co., 128 St. Clair av, Cleveland, Ohio.
UNICUM chair seats—Theo. H. Gary Co., 61 Irving pl, New York
UNIFIC gauge glasses—E. A. Fegel's Co., 87 Walker, New York
UNIFLEX flexible couplings—Thompson Bros., H Milnor, Phila., Pa.
UNIFONTE brazing compounds—Phillips-Laffitte Co., Penna. bldg., Phila., Pa.
UNILETS conduit fittings—Appleton Electric Co., Wellington & Pauline, Chicago, Ill.
UNI-LITE kerosene oil tubular lanterns — Acorn Brass Mfg. Co., 426 S. Clinton, Chicago, Ill.
UNION air compressors, marines & steam pumps—Union Steam Pump Co., Battle Creek, Mich.
UNION annealing boxes—Union Steel Casting Co., 62nd & Butler, Pittsburgh, Pa.
UNION barn door hangers, barn door rollers, stay rolls—Lawrence Bros., Sterling, Ill.
UNION belting, packing—Voorhees Rubber Mfg. Co., 18 Bostwick, Jersey City, N. J.
UNION carboy rockers—Horace M. McCord & Co., Lumber Exchange, Minneapolis, Minn.
UNION chucks, planes—Union Mfg. Co., New Britain, Conn.
UNION cork board insulation—Union Fibre Co., Inc., Winona, Minn.
UNION electric & enclosed indicating & junction fuses, fuse cut-outs, switch boxes, fusible fire door links—Chicago Fuse Mfg. Co., 1014 W. Congress, Chicago, Ill.
UNION ensilage cutters—Heebner & Sons, Lansdale, Pa.
UNION feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
UNION film oil—Union Petroleum Co., Widener bldg, Phila., Pa.
UNION flint paper—American Glue Co., 121 Beverly, Boston, Mass.
UNION frogs, switches & crossings—Morden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.
UNION gas engines—Union Gas Engine Co., 351 Montgomery, San Francisco, Cal.
UNION grain drills, stalk cutters—Peoria Drill & Seeder Co., Peoria, Ill.
UNION lawn rakes—Union Fork & Hoe Co., Columbus, Ohio
UNION lead pencils & advertising pen holders—Union Pencil Co., 33 Union sq., New York
UNION lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
UNION lubricator valves—Wm. Powell Co., Cincinnati, Ohio
UNION milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
UNION packing—Greene, Tweed & Co., 109 Duane, New York
UNION paper bags—Union Bag & Paper Corp., 233 H Broadway, New York.
UNION plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
UNION porch columns, arc lamp posts—Union Metal Mfg. Co., Canton, Ohio
UNION rail bonds—Union Electric Co., Pittsburgh, Pa.
UNION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
UNION sand & gravel screens—Union Steel Products Co. (Ltd.), Albion, Mich.
UNION sausage stuffers—Union Machine Works & Iron Foundry, 1825 S. Water, Phila., Pa.
UNION screw drivers—Geo. E. Gay, Augusta, Me.
UNION steam jet blowers—Scranton Pump Co., Scranton, Pa.
UNION stone jacks, chain hoists, boot protectors, trench braces, wire rope clips & contractors' pumps—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
UNION tool chests—Union Tool Chest Co., Inc., 129 Mill, Rochester, N. Y.
UNION tool grinders—Barcalo Mfg. Co., Buffalo, N. Y.
UNION standard trolley line materials—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
UNION truck units—Union Truck Mfg. Co., 250 W. 54th, New York
UNION water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
UNION water meters—Union Water Meter Co., Worcester, Mass.
UNION COMPOUNDING VALVE water heaters—Union Water Meter Co., Worcester, Mass.
UNION ECONOMY babbitt metal—Union Smelting & Refining Co., Inc., 63 Park row, New York.
UNION GIANT corn & cob mills, gasoline engines—Union Foundry & Machine Co., Ottawa, Kans.
UNION, JR. seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
UNION PACIFIC self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
UNION SPECIAL babbitt metal—Union Smelting & Refining Co., Inc., 63 Park row, New York.
UNIQUE attrition mills—Robinson Mfg. Co., Muncy, Pa.
UNIQUE boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.

UNIQUE coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
UNIQUE cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
UNIQUE flour mill machinery—Robinson Mfg. Co., Muncy, Pa.
UNIQUE heaters—New Milford Foundry & Machine Co., New Milford, Conn.
UNIQUE metallic shingles—Geo. C. Meurer Co., 22 Clay, Brooklyn, N. Y.
UNIQUE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
UNIQUE radiator hot water valves—Honeywell Heating Specialty Co., Wabash, Ind.
UNIQUE toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
UNIT air drill hose—Hewitt Rubber Co., Buffalo, N. Y.
UNIT concrete reinforcing materials—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.
UNIT deep well pumps—Kewanee Private Utilities Co., Kewanee, Ill.
UNIT flushing valves, siamese connections—Murray & Sorenson, 227 W. 17th, New York
UNIT garbage receivers—C. H. Stephenson, Lynn, Mass.
UNIT spirals for concrete columns—American System of Reinforcing, 10 S. La Salle, Chicago, Ill.
UNITAS adding machines—Oscar Muller Co., 32 Broadway, New York
UNITAS wall coverings—Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.
UNITED bath fittings & valves—United Brass Mfg. Co., 3844 Hamilton av, Cleveland, Ohio
UNITED centrifugal pumps—United Iron Wks. Co., Kansas City, Mo.
UNITED concrete mixers & electric lighting system—United Engine Co., Lansing, Mich.
UNITED phonographs—United Music Stores, 619 H Cherry, Phila., Pa.
UNITED phonograph motors, tone arms & reproducers—United Mfg. & Distributing Co., 536 Lake Shore Drive, Chicago, Ill.
U. S. air brake hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
U. S. annealing, decorating, concrete & cement face mica—U. S. Mica Mfg. Co., 1521 Circle av, Forest Park, Ill.
U. S. autos & trucks—U. S. Motor Truck Co., Covington, Ky.
U. S. ball cocks—Julian d'Este Co., 26 Canal, Boston Mass.
U. S. barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
U. S. barrows—Sidney Steel Scraper Co., Sidney, Ohio
U. S. belting—Reed & Duecker, Memphis, Tenn.
U. S. block system signals, electric railway signals—United States Electric Signal Co., West Newton, Mass.
U. S. boiler injectors—American Injector Co., Detroit, Mich.
U. S. bottling machinery—U. S. Bottlers' Machinery, Co., 2511 Park av, Chicago, Ill.
U. S. buffing compositions—U. S. Chemical Co., 3621 Lakeside av, N. E. Cleveland, Ohio
U. S. carbon paper & typewriter ribbons—U. S. Typewriter Ribbon Mfg. Co., 124 S 9th, Phila., Pa.
U. S. clinker hooks, porch swings—United States Wire Mat Co., Decatur, Ill.
U. S. clothes pins—U. S. Clothespin Co., Montpelier, Vt.
UNITED STATES clothes washing machines—N. Brown Co., Wapakoneta, Ohio
UNITED STATES cream separators—Vermont Farm Machine Co., Bellows Falls, Vt.
U. S. cook stove evaporators—Edw. B. Fahrney, Waynesboro, Pa.
U. S. dinner pails—Central Stamping Co., 172 Fulton, New York
U. S. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
U. S. drilling & planing machines—U. S. Mach. Tool Co., Cincinnati, O.
U. S. electrical cloth cutters—U. S. Cloth Cutting Machine Co., 414 W. Broadway, New York
U. S. equalizers—U. S. Pressed Steel Co., Ypsilanti, Mich.
U. S. fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
U. S. FLEXIBLE steel wire mats—U. S. Wire Mat Co., Decatur, Ill.
U. S. gate valves—Wm. Powell Co., Cincinnati, Ohio
U. S. grain graders—B. S. Coustant Mfg. Co., Bloomington, Ill.
U. S. grapple forks—U. S. Wind Engine & Pump Co., Batavia, Ill.
U. S. guard rail clamps—United States Malleable Iron Co., Toledo, Ohio
U. S. hand corn planters—Wabers Mfg. Co., Racine, Wis.
U. S. horse shoes—United States Horse Shoe Co., Erie, Pa.
U. S. hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
U. S. hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.
U. S. ice skates, nail sets—P. Lowentraut Mfg. Co., Newark, N. J.
U. S. IGNITOR ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
U. S. low water alarms, safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio
U. S. meat & food choppers—Smith & Hemenway Co., 261 B'way, New York
U. S. metal polish—Geo. W. Hoffman Co., 557 E. Washington, Indianapolis, Ind.
U. S. muriate of potash—Utah Salduro Co., Salt Lake City, Utah
U. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.
U. S. planes—Sargent & Co., New Haven, Conn.
U. S. pop safety valves—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.
UNITED STATES rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
UNITED STATES rubber belting, water, steam and suction hose—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
U. S. rubber tires—Morgan & Wright, ft. Bellevue, Detroit, Mich.
U. S. sash cords—Whittier Mills Co., Chattahooche, Ga.
U. S. sleet cutters—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
U. S. SPIRAL WATERPROOF trolley arc cords—Whittier Mills Co., Chattahoochee, Ga.
U. S. standard babbitt metal—Riverside Metal Refining Co., Connellsville, Pa.
U. S. standard gauges, tank indicators—Quimby Engineering Co., 450 N. 10th, Phila., Pa.
U. S. standard hot pressed nuts—American Equipment Co., Norristown, Pa.
U. S. standard portable saw mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.
U. S. steel corn cribs—Kretchmer Mfg. Co., Council Bluffs, Ia.
UNITED STATES steel piling—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
UNITED STATES Treasury mucilage, writing inks & paste—Wm. A. Davis Co., 40 Batterymarch, Boston, Mass.
U. S. urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
U. S. Wright rubber tires—Morgan & Wright, Detroit, Mich.
U. S. wire fence—Am. Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
U. S. wire poultry netting—Indiana Steel & Wire Co., Muncie, Ind.
U. S. ORIGINAL tire powders—U. S. Mica Mfg. Co., 1521 Circle av, Forest Park, Ill.
U. S. A. felt, buffing & polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.
U. S. A. sliding furniture shoes—Henry W. Peabody & Co., 17 State, New York
U. S. A. ELM CITY babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. HAVABAR babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. LODESTAR babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. LONG LIFE babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. SPECIAL babbit metal—United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
U. S. L. car lighting apparatus, storage batteries—United States Light & Heat Corp., Niagara Falls, N. Y.
U. S. M. C. shoe knife sharpeners, thread lubricators, leather embossing & buttonhole making machines—United Shoe Machinery Co., Boston, Mass.
U. S. S. CO. white arsenic, pig lead, cadmium, etc.—U. S. Smelting, Refining & Mining Co., 120 Broadway, New York
U. S. STANDARD door hangers—Safety Door Hanger Co., Ashland, Ohio
U. S. STANDARD dry batteries—National Carbon Co., Cleveland, Ohio
U. S. STANDARD PUNCHES—I. P. Richards Co., 23 Pemberton, Providence, R. I.
U. & G. belting—United & Globe Rubber Co., Trenton, N. J.
UNITED wrought steel window frame—Trussed Concrete Steel Co., Detroit, Mich.
UNITOOL lifting jacks, etc.—Peerless Tool Co., 218 S. La Salle, Chicago, Ill.
UNI-TRUCK truck units—Stewart Mfg. Co., Waterloo, Ia.
UNITUBE automobile radiators—Unitube Auto. Radiator Corp., Rochester, N. Y.
UNITY insulator pins—Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill.
UNIVERSAL adjustable road drag—Galion Iron Works & Mfg. Co., Galion, Ohio
UNIVERSAL angular bit stocks, hand drill machines—Millers Falls Co., 28 Warren, New York
UNIVERSAL asbestos gloves—Wheeler & Holcomb Co., 1360 Wells, Chicago, Ill.
UNIVERSAL automatic air squeezer—Berkshire Mfg. Co., Whitney Power blk, Cleveland, Ohio
UNIVERSAL automatic chucks—Potter & Johnston Machine Co., Pawtucket, R. I.
UNIVERSAL automobile bumpers, lamp brackets—L. P. Halladay Co., Streator, Ill.
UNIVERSAL babbitt metal—Merchants & Evans Co., 2036 Washington av & 21st, Philadelphia, Pa.
UNIVERSAL babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
UNIVERSAL bath room fixtures, cutlery, cooking utensils—Landers, Frary & Clark, New Britain, Conn.
UNIVERSAL battery repair parts—Universal Battery Co., 5410 S La Salle, Chicago, Ill.
UNIVERSAL belt shifters, pull & countershafts—Builders' Iron Foundry, 9 Codding, Providence R. I.
UNIVERSAL belting & rubber hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.

UNIVERSAL bibb reamers—C. H. Yonts & Co., Meadville, Pa.
UNIVERSAL bibb seat dressers—Wolverine Brass Works, Grand Rapids, Mich.
UNIVERSAL blue printing machines—Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
UNIVERSAL boiler injectors—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
UNIVERSAL bottle filling machines—Fowler Bottling Machine Co., 124 White, New York
UNIVERSAL box strap—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
UNIVERSAL bushings—New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
UNIVERSAL cable grips & guy anchors—Universal Cable Grip Co., Skaneateles, N. Y.
UNIVERSAL car window fixtures, sash locks—McCord Mfg. Co., Detroit, Mich.
UNIVERSAL cast iron pipe, pipe swing & universal joints, range boiler stands—Central Foundry Co., 90 West, New York
UNIVERSAL cement—Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.
UNIVERSAL cement post machinery—Cement Machinery Co., Jackson, Mich.
UNIVERSAL cigar lighters—Adjustable Lighter Assn., Newton, Mass.
UNIVERSAL circular folding machines—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
UNIVERSAL closet couplings—Hydraulic Specialty Co., 427 Walnut, Philadelphia, Pa.
UNIVERSAL coal crushers—Universal Crusher Co., Cedar Rapids, Ia.
UNIVERSAL compression stops—Peck Bros. & Co., New Haven, Conn.
UNIVERSAL cobblers' outfits, shoe cleaners—Root-Heath Mfg. Co., Plymouth, Pa.
UNIVERSAL corner beads—Rogers-Shear Co., Warren, Pa.
UNIVERSAL cranes—Universal Crane Co., H. Swetland bldg., Cleveland, Ohio.
UNIVERSAL cultivators—J. I. Case Plow Works, Racine, Wis.
UNIVERSAL drilling machine vises—Sellew Machine Tool Co., Pawtucket, R. I.
UNIVERSAL dry batteries—Universal Novelty Wks., 164 5th av, New York
UNIVERSAL electric cable hangers—National Telephone Supply Co., 5100 Superior av, Cleveland, O.
UNIVERSAL electric fans—Diehl Mfg. Co., Elizabeth, N. J.
UNIVERSAL electric fans, bench & center grinders, hair cutting machines & electric vibrators—Racine Universal Motor Co., 53 W. Jackson blvd, Chicago, Ill.
UNIVERSAL electric gas lighters—Adjustable Lighter Assn., Newton, Mass.
UNIVERSAL electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.
UNIVERSAL electric wire cord spools—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
UNIVERSAL electric weigher—Am. Machinery Co., 330 N 12th, Phila., Pa.
UNIVERSAL emery tool grinder—Gisholt Mach. Co., Madison, Wis.
UNIVERSAL equalizing vice jaws, etc.—Universal Equalizer Co., Opera Place, Cincinnati, Ohio
UNIVERSAL fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
UNIVERSAL fishing rod holders—General Phonograph Corp., 25 W. 45th, New York
UNIVERSAL flanging machines—Morgan Engineering Co., Alliance, Ohio
UNIVERSAL floor oilers—Geo. H. Garnet Co., Allentown, Pa.
UNIVERSAL flour sieves—Parker Wire Goods Co., Worcester, Mass.
UNIVERSAL fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.
UNIVERSAL furniture polish—American Metal Polish Co., West Somerville, Mass.
UNIVERSAL hack saw blades & frames, hack saw machines—West Haven Mfg. Co., West Haven, Conn.
UNIVERSAL hand oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
UNIVERSAL heel plates & stiffeners, cobblers' outfit & shoe stands—Fate-Root-Heath Co., Plymouth, Ohio
UNIVERSAL hog fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
UNIVERSAL hollow augers—A. A. Wood & Sons Co., Atlanta, Ga.
UNIVERSAL hollow augers—Jas. Swan Co., Seymour, Conn.
UNIVERSAL hook & eyelet setting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
UNIVERSAL hose nozzles—L. R. Nelson, Peoria, Ill.
UNIVERSAL hydraulic jacks—Richard Dudgeon, 24 Columbia, New York
UNIVERSAL index centers—Fred C. Dickow, 3504 W. Lake, Chicago, Ill.
UNIVERSAL insulated connectors—R. S. Mueller & Co., 423 High av, S. E., Cleveland, Ohio
UNIVERSAL insulator clamps, insulator supports—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
UNIVERSAL insulating paper—Standard Paint Co., 233 B'way, New York
UNIVERSAL kneading & mixing machines—Baker Sons, J. & Perkins Co., Inc., White Plains, N. Y.
UNIVERSAL lath tools—Myers Lathe Tool Co., 416 E. 9th, Los Angeles, Cal.
UNIVERSAL lawn mowers—Blair Mfg. Co., Springfield, Mass.
UNIVERSAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
UNIVERSAL lead pencils—American Lead Pencil Co., 220 5th av, New York.
UNIVERSAL lightning arresters—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
UNIVERSAL log skidding & loading machines—Clyde Iron Works Sales Co., Duluth, Minn.
UNIVERSAL lubricating oil & greases—W. P. Miller Co., 250 Greene, B'klyn, N. Y.
UNIVERSAL lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
UNIVERSAL lumber trimmers—Fox Machine Co., Jackson, Mich.
UNIVERSAL mechanical stokers—Oscar Barnet Foundry Co., Irvington, N. J.
UNIVERSAL metallic sash bars—Voltz Mfg. Co., 914 Penn., St. Joseph, Mo.
UNIVERSAL mucilage—Continental Mfg. Co., 4611 Girard, Phila., Pa.
UNIVERSAL nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.
UNIVERSAL oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
UNIVERSAL pasting machines—A. G. Prior, Inc., 665 B'way, Newark, N. J.
UNIVERSAL pipe hangers—Enoch Rutzler Co., 404 E. 49th, New York
UNIVERSAL pitching machines, preheaters—Henry Rauch & Son, Mt. Vernon, N. Y.
UNIVERSAL plow coulters—John Clayton Plow Co., Minneapolis, Minn.
UNIVERSAL plow coulters—Rock Island Plow Co., Rock Island, Ill.
UNIVERSAL post hole diggers—F. E. Kohler Co., Canton, Ohio
UNIVERSAL protractors—Chas. H. Besley & Co., 120 N. Clinton, Chicago, Ill.
UNIVERSAL radiator valves, stop & waste cocks—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
UNIVERSAL ratchet drills—Gallagher Mfg. Co., Lynn, Mass.
UNIVERSAL reamers—Schellenbach-Hunt Tool Co., Murdock bldg., Cincinnati, O.
UNIVERSAL refrigerator latches—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
UNIVERSAL puddling & road rollers—Universal Road Machinery Co., Kingston, N. Y.
UNIVERSAL rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.
UNIVERSAL rod packing—Johns-Manville, Inc., Madison av & 41st, New York.
UNIVERSAL rubber masticators—Baker Sons, J. & Perkins Co., White Plains, N. Y.
UNIVERSAL sash chains, plumber chains—E. Jencks Mfg. Co., Worcester, Mass.
UNIVERSAL saw benches—Colburn Machine Tool Co., 1024 H Ivanhoe rd, Cleveland, Ohio.
UNIVERSAL saw benches & tables—Oliver Machinery Co., Grand Rapids, Mich.
UNIVERSAL self-feeders & band cutters for threshers—Nichols & Shepard Co., Battle Creek, Mich.
UNIVERSAL sheet metal workers' machines & tools, automobile turntables, etc.—Canton Foundry & Machine Co., Canton, Ohio
UNIVERSAL shoe shining chairs—Buffalo Metal Furniture Co., Buffalo, N. Y.
UNIVERSAL sliding furniture shoes, stove trucks—Universal Caster & Foundry Wks, 574 Ferry, Newark, N. J. See The Bossick Co., Bridgeport, Conn.
UNIVERSAL sling hay carriers—Louden Machinery Co., Fairfield, Ia.
UNIVERSAL soldering fluid—Universal Fluxine Co., Urbana, Ohio
UNIVERSAL splitting shears—Bertsch & Co., Cambridge City, Ind.
UNIVERSAL lock joint steel ceilings—F. O. Schoedlinger, 142 N. 3d, Columbus, Ohio
UNIVERSAL steel ceilings—F. O. Schoedlinger, 326 H. Mt. Vernon, Columbus, Ohio.
UNIVERSAL steel shelving—Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
UNIVERSAL tenon & boring machines—Vulcan Iron Works, Mason City, Ia.
UNIVERSAL test indicators—L. S. Starrett Co. (The), Athol, Mass.
UNIVERSAL tool grinders—Universal Grinding Mach., Fitchburg, Mass.
UNIVERSAL tool grinders—Mummert-Dixon Co., Hanover, Pa.
UNIVERSAL trolley wire hangers—Electric Railway Equipment Co., Cincinnati, Ohio
UNIVERSAL tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
UNIVERSAL valve refacers & valve removers—Universal Equip. & Supply Co., 107 N Franklin, Syracuse, N. Y.
UNIVERSAL variety wood turning machines—C. Mattison Machine Works, Rockford, Ill.
UNIVERSAL window cleaners—Osborn Mfg. Co., 5401 Hamilton av, N. E., Cleveland, Ohio
UNIVERSAL wall finish & white trowel plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
UNIVERSAL washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
UNIVERSAL window ventilators—Universal Ventilating Co., 14 Oak, Kansas City, Mo.
UNIVERSAL wood boring machines—J. M. Nash, 842 30th, Milwaukee, Wis.
UNIVERSAL FLUXINE brazing compounds—Universal Fluxine Co., Urbana, Ohio
UNIVERSAL GIANT friction clutch couplings, giant friction clutches—T. B. Wood's Sons Co., Chambersburg, Pa.
UNIVERSAL-PEERLESS perforating machines—A. G. Burton Son, 118 S. Clinton, Chicago, Ill.
UNIVERSAL PULL countershafts—Diamond Machine Co., Providence, R. I.

UNIVERSITY lawn mowers—Phila. Lawn Mower Co., 3101 Chestnut, Phila., Pa.
UNIVERSITY tool makers' vises—Emmert Mfg. Co., Waynesboro, Pa.
U-NO metal polish—Grady Mfg. Co., 250 Ely av., Astoria, N. Y.
UNO metal polish—Uno Mfg. Co., 6433 E. Ravenswood Pk, Chicago, Ill.
UNO shade holders—Bryant Electric Co., Bridgeport, Conn.
UNO holders—General Electric Co., Schenectady, N. Y.
UNO ventilators—Uno Ventilator Co., Cliftondale, Mass.
UNXLD bicycles—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
UNXLD carbon paper, typewriter ribbons — E. A. Brecher & Co., 119 Lafayette, New York
UNXLD overalls—Co-Operative Overall Co., 819 Chestnut, Chattanooga, Tenn.
UPRESSIT bottle caps—U. S. Metal Cap & Seal Co., 107 W. 13th, New York
UPRITE coal ranges, steam & hot water boilers—Heating Supply & Repair Co., Elizabeth, N. J.
UPSON wall boards—Upson Co., Lockport, N. Y.
UPSON'S window blind adjusters—H. B. Ives Co., New Haven, Conn.
UP-TO-DATE clips—Argus Mfg. Co., 402 N. Paulina, Chicago, Ill.
UP-TO-DATE egg & cream beaters — Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
UP-TO-DATE garment hangers—Caldwell Mfg. Co., Rochester, N. Y.
UP-TO-DATE mechanical dust collectors—Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
UP-TO-DATE stationers' specialties—Ideal Specialties Mfg. Corp., 552 Pearl, New York
URANIUM high speed steel—Latrobe Steel Co., Latrobe, Pa.
URBAN mail boxes—Introstile Mfg. Co., Marietta, Ohio
URSA oil—Texas Company, 17 Battery pl, New York
URBAN trolley wheels—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
chine & Tool Works, Hartford, Conn.
URSUS garden hose—Hewitt Rubber Co., Buffalo, N. Y.
USA-CO. asbestos packing—United States Asbestos Co., Manheim, Pa.
U-SAV-YOUR polish—U-Sav-Your Mfg. Co., Warren, Mass.
USAMP mildewproof tents—Fulton Bag & Cotton Mills, Atlanta, Ga.
USARCO antimony, babbitt metal, fusible allows lead & block tin, pig lead, metals, solder, spelter, white metal alloys—Union Smelting & Refining Co., Inc., 63 Park row, New York.
USE-EM-UP drill sleeves—Lovejoy Tool Wks., 319 W Ohio, Chicago, Ill.
USE-EM-UP drill sockets—American Specialty Co., 319 H W Ohio, Chicago, Ill.
USEM push buttons—U. S. E. M. Co., 301 W. 37th, New York
USE'S PRIDE hand power & portable punches—Whitney Metal Tool Co., Rockford, Ill.
USHER automatic planer stops—Lamb Knitting Machine Co., Chicopee Falls, Mass.
USONA asphalt roofing, asphalt shingles—Usona Mfg. Co., Aurora, Ill.
USONA axes—American Axe & Tool Co., Glassport, Pa.
USUDURIAN packing—Revere Rubber Co., Chelsea, Mass.
UTAH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
UTAH cement—Portland Cement Co., Salt Lake City, Utah
UTAH centre trip adjustable slings—F. E. Myers & Bro., Ashland, Ohio
UTE waterproof belting—Smyth-Despard Co., Utica, N. Y.
UTICA cement—Utica Hydraulic Cement Co., Utica, Ill.
UTICA chemical fire engines & extinguishers—O. J. Childs Co., Utica, N. Y.
UTICA end cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
UTICA fire clay—Utica Fire Brick & Clay Co., Utica, Ill.
UTILAS urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
UTILITOR tractor—Midwest Engine Co., Dept. H, Indianapolis, Ind.
UTILITY army canteens—Hemp & Co., St. Louis, Mo.
UTILITY auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
UTILITY automobile accessories, rim wrenches, tire pumps, automobile heaters & ford pedals—Hill Pump Valve Co., 4001-21 Belmont av, Chicago, Ill.
UTILITY car ventilators, high pressure couplers, thermostats—Railway Utility Co., 721 Fulton, Chicago, Ill.
UTILITY cockeyes—Frazer & Jones Co., Syracuse, N. Y.
UTILITY corn poppers—Utility Mfg. Co., Sturgis, Mich.
UTILITY floor sanding, polishing & scrubbing machines—Kent Vacuum Cleaner Co., Rome, N. Y.
UTILITY folding stools, motorman's seats, elevator seats—C. A. Cook Co., Cambridge, Mass.
UTILITY gas ranges—Erie Stove & Mfg. Co., Erie, Pa.
UTILITY hack saw blades & frames—West Haven Mfg. Co., West Haven, Conn.
UTILITY hollow handle tool sets—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
UTILITY milling machine vises—Brown Engineering Co., Reading, Pa.
UTILITY pump governors, steam separators, exhaust heads, feed water heaters—Standard Steam Specialty Co., 542 W. Broadway, New York
UTILITY rubber aprons, rubber sheeting—Stern Specialty Co., 40 E. 22nd, New York
UTILITY sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
UTILITY spark plugs—Utility Co., 636 W. 44th, New York
UTILITY tools—J. C. Glenzer Co., 3 H 14th, Detroit, Mich.
UTILITY wall boards—Heppes Roofing Division, The Richardson Co., Lockland, Ohio.
UTILITY water meters—Pittsburgh Meter Co., East Pittsburgh, Pa.
UTSMAN cotton cleaning machy.—Terrell Machine Co., 1200H N Church, Charlotte, N. C.
V insulating tape—Revere Rubber Co., Chelsea, Mass.
V.-C. emery grinders—Valley City Machine Works, Grand Rapids, Mich.
V. E. M. W. ROTARY mine pumps—Virginian Electric & Machine Works, Charleston, W. Va.
V. F. M. dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
V V conduit fittings— V V Fittings Co., 1906 N. 6th, Phila., Pa.
V. & B. chisels, hammers, ice tongs, pliers, post hole augers, punches, scrapers, swages, wrenches—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
V. & K. gauges, pumps, valves, water motors—Vaile Kilmes Co., Dayton, Ohio
V. & O. presses—V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.
V. & P. SOLVENT paint & varnish remover—Eberson Paint Co., 1822 Morgan, St. Louis, Mo.
VAC gasoline underground storage self-measuring oil pumps & pumping outfits—Vac Liquid Equipment Co., Cedar Rapids, Ia.
VACATION baseballs—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
VAC-M lightning arresters—National Electric Specialty Co., Toledo, Ohio
VACO vacuum valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
VACUETTE vacuum cleaners—Scott-Fetzer Co., W 114th & Locust av, Cleveland, O.
VACUNA PORTABLE power vacuum cleaners—Kent Vacuum Cleaners Co., Rome, N. Y.
VACUUM cotton harvesters—Vacuum Cotton Picking Mach. Co., 705 H Market, St. Louis, Mo.
VACUUM fishing bait—Vacuum Bait Co., North Manchester, Ind.
VACUSTAT air valves—Bishop & Babcock Co., 1204 E. 55th, Cleveland, Ohio
VAK-KLEAN vacuum cleaners—Hanlon & Wilson, Wilkinsburg, Pa.
VAKUM lubricators—Wm. Powell Co., Cincinnati, Ohio
VALBESTINE packing—General Asbestos & Rubber Co., Charleston, S. C.
VALE drawn metal grease cups—Lindholm Metal Stamping Co., 107 Erie, Camden, N. J.
VALENS acid proof metal—Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
VALLEY beet pullers—Donaldson Bros., Mt. Clemens, Mich.
VALLEY screw drivers—Union Hardware Co., Torrington, Conn.
VALLEY CHIEF cider mills—S. R. White's Mills, Norfolk, Va.
VALLEY CITY shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
VALOR oil—Texas Company, 17 Battery pl, New York
VALSPAR marine varnishes—Valentine & Co., 456 Fourth av, New York
VALVETITE metallic packing—Akron Metallic Gasket Co., Akron, Ohio
VALVOLINE lubricating oils & greases—Valvoline Oil Co., 11 B'way, New York
VALVOLITE valve stem packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
VAN expansion shields, screw anchors & expansion bolts—Van Expansion Bolt Mfg. Co., 4845 N Lowell av, Chicago, Ill.
VAN razor stroppers & pipe hangers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
VANADIUM air hammer rivet sets—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.
VANADIUM high speed twist drills—New Process Twist Drill Co., Taunton, Mass.
VAN-AR-CO. closet seats—Van Arnam Mfg. Co., Ft. Wayne, Ind.
VAN AUKEN pump governors, oil extractors, separators, steam traps, valves, vacuum cleaners—Consolidated Engineering Co., 507 W. Jackson blvd., Chicago, Ill.
VANCE blow-off valves, steam traps—Geo. M. Newhall Engng. Co., 1421 Chestnut, Phila., Pa.
VANCE steam heaters—Jas. R. Vance, Geneva, N. Y.
VANCE steam traps—Vance & Vetter Co., Phipps Power bldg, Pittsburgh, Pa.
VANCOUVER row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
VANDA metallic packing—Vanda Co., 25th & Madison av, New York
VANDERBEEK BALL universal joints—Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
VANDERBEEK GIANT universal joints—Ainslie Machine & Tool Works, Hartford, Conn.
VANDERBILT brake beams—Buffalo Brake Beam Co., 30 Pine, New York Works, Buffalo, N. Y
VANDERBILT sash balances—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.

VAN DORN car ends—Van Dorn Coupler Co., 2325 S. Paulina, Chicago, Ill.
VAN DORN electric portable tools—Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
VAN DORN metallic lockers, post caps & bases—Van Dorn Iron Works Co., 2700 E. 79th, Cleveland, Ohio
VAN DYKE harrows & pulverizers—Janesville Machine Co., Janesville, Wis.
VANGUARD automobile wind shields—Motor Products Corp., Mack av & Outer Belt Line, Detroit, Mich.
VANGUARD oil—Texas Company, 17 Battery pl, New York
VANGUARD oil cups—Wm. Powell Co., Cincinnati, Ohio
VAN HOUTEN dough dividing machines—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
VAN NORMAN internal grinders—Van Norman Machine Tool Co., Springfield, Mass.
VAN SANDS blind fasteners—John Auer, Jr., 197 Middleton, Brooklyn, N. Y.
VAN-SEN carbon paper, typewriter ribbons—Typeribbon Mfg. Co., 711 S. Dearborn, Chicago, Ill.
VAN STONE pipe fittings—Lumsden & Van Stone Co., 1 Dorchester, Boston, Mass.
VAPO marine mufflers—Thos. Laughlin Co., Portland, Maine
VAPORITE packing—A. W. Chesterton Co., 64 India, Boston, Mass.
VAR cloth floor oil cloth—Geo. W. Blabon Co., Nicetown, Phila., Pa.
VARLEY duplex electro magnets—Acme Wire Co., New Haven, Conn.
VARNAM ox bow pins—O. C. Sawyer, Sharon, Vt.
VAR-NI-GO paint & varnish remover—A. S. Boyle & Co., 1934 Dana av, Cincinnati, Ohio
VARNISHEEN furniture polish—Puritan Soap Co., 496 Exchange, Rochester, N. Y.
VARNOIL metal polish—Frank J. Le Doyen Co., 827 Mangold, Baltimore, Md.
VARNOLIN varnish—Armstrong Paint & Varnish Works, 2522 S. Paulina, Chicago, Ill.
VARSITY bond paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
VASCO ash conveyors—Vacuum Ash & Soot Conveyor Co., Wilson av, Newark, N. J.
VASCO ferro-tungsten & steel—Vanadium-Alloys Steel Co., Latrobe, Pa.
VASELINE petrolatum—Chesebrough Mfg. Co., 17 State, New York
VASIL hand locomotive stoker—Vasil Steam Systems Co., Washington Loan & Trust bldg, Washington, D. C.
VASSAR steam heaters—Reading Stove Works, Reading, Pa.
VATER feed water heaters & purifiers & steam separators—Powers Plant Specialty Co., Monadnock bldg, Chicago, Ill.
VATUDRIP rust preventatives—Am Rust Proof Co., 8 W. 40th, New York
VAUGHAN anti-rail creepers—Belle City Malleable Iron Co., Racine, Wis.
VAUGHAN leather gauges—Turner & Tanning Machinery Co., Peabody, Mass.
VAUGHN PATTERN port hole augers—Eureka Digger Co., 227 W. Huron, Chicago, Ill.
VAUGHAN rail anchors & rail anti-creepers—P. & M. Co. (The), 80 E. Jackson blvd, Chicago, Ill.
VAUGHAN'S INDIVIDUAL key chain rings—Vaughan Novelty Mfg. Co., 703 Fulton, Chicago, Ill.
VAUGHAN'S NEVER CHIP stationary bottle openers—Vaughan Novelty Mfg. Co., 703 Fulton, Chicago, Ill.
VAUGHN'S post hole augers—Iwan Bros., South Bend, Ind.
VAUGHN post hole augers—Seymour Mfg. Co., Seymour, Ind.
VAUGHAN sight indicating flow meters—Spray Engineering Co., 93 Federal, Boston, Mass.
VAUGHN spring rail frogs—Marden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.
VECO sweaters—Morgan Knitting Mills, 457 18th av, Newark, N. J.
VEEDER cyclometers, odometers, speed counters, speed indicators, tachometer—Veeder Mfg. Co., Hartford, Conn.
VEEDOL automobile lubricants—Tidewaetr Oil Co., New York
VEELOS—Manheim Mfg. & Belting Co., Manheim, Pa.
VEGA axle grease—Texas Company, 17 Battery pl, New York
VEHISOTE fibre boards—Pantasote Co., 11 Broadway, New York
VELCO broaching machines & broaching presses—Velco Mfg. Co., Inc., 305 Wells, Greenfield, Mass.
V-E-L-O shaving soap—Geo. H. Schafer & Co., Fort Madison, Iowa
VELOCITY lubricating oils & greases—G. W. Gallaway, 322 Pearl, New York
VELOS tool steel—F. R. Phillips & Sons Co., Penna. bldg., Phila., Pa.
VELOX dry plates—Eastman Kodak Co., Rochester, N. Y.
VELOX grindstones, sickel grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.
VELOX metal polish—Manufacturers' Supplies Co., Juniper & Cherry, Phila., Pa.
VELOX phosphor bronze—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Pk. bldg., St. Louis, Mo.
VELVA rubber belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
VELVAPARA insulating compounds—Elect'l Mat'l Co., 618 N. Jackson blvd, Chicago, Ill.
VELVET automobile oils & cutting compounds—Advance Oil Co., Oil City, Pa.
VELVET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
VELVET belting—W. T. Shackley & Son Co., 49 High, Boston, Mass.
VELVET braided hose, air drill hose, chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
VELVET lead pencils—American Lead Pencil Co., 220 5th av, New York
VELVET rubber tile & rubber matting—W. H. Salisbury & Co., 308 N Madison, Chicago, Ill.
VELVET THREAD roller skates—Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.
VELVET BLACKING core wash—Smith Facing & Supply Co., 1857 Carter rd, Cleveland, Ohio
VELVETILE sanitary flooring—American Magnesia Products Co., 600 W. Austin av, Chicago, Ill.
VELVETINE lubricating oils & greases—Climax Refining Co., Williamson bldg, Cleveland, Ohio
VELVEX shingle stains—Barrett Co., 17 Battery pl, New York
VENEER wall ties—American Rolling Mill Co., Middletown, Ohio
VENO bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
VENTILITE fixtures for nitrogen filled lamps—Herwig Art Shade & Lamp Co., 2140 N. Halsted, Chicago, Ill.
VENTIPLEX horse collar pads—Burlington Blanket Co., Burlington, Wis.
VENTNOR lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
VENTO heaters—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
VENTURA electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.
VENTURI chemical feed of head & rate controllers, water waste detectors, loss gauges, & air, brine, chemical solutions, & sewage meters—Builders Iron Foundry, 9 Coddington, Providence, R. I.
VENTURI steam condensers—Howes & Phillips Iron Works, 8 Orange, Newark, N. J.
VENUS baths—Crane Co., 836 S Michigan av, Chicago, Ill.
VENUS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
VENUS electric sad irons—Phelps Mfg. Co., 49 W. Larned, Detroit, Mich.
VENUS lamp burners—Edw. Miller & Co., Meriden, Conn.
VENUS lead pencils—American Lead Pencil Co., 220 5th av, New York
VENUS radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
VENUS steam hose—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
VERIBEST V-crimp roofing—Delphos Mfg. Co., Delphos, Ohio
VERILIFE medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st, New York
VERNA baths—Crane Co., 836 S Michigan av, Chicago, Ill.
VERMINGO disinfectants—Worrell Mfg. Co., 212 N. Main, St. Louis, Mo.
VERMONT churns—Vermont Farm Machine Co., Bellows Falls, Vt.
VERMONT WHITE granite—Woodbury Granite Co., Hardwick, Vt.
VERMOREL spray nozzles—F. E. Myers & Bro., 900 4th, Ashland, Ohio
VERMOREL spray nozzle—Deming Co., Salem, Ohio
VERMOSITE spar varnishes—Devoe & Raynolds Co., 101 Fulton, New York
VERNON cotton hose—Mechanical Rubber Co., 73 Reade, New York
VERNON lavatories—Crane Co., 836 S. Michigan av, Chicago, Ill.
VERONA lock nuts & washers—Verona Tool Works, Dept. H, Oakmont, Pa.
VERONA lock washers—Riverside Steel Spring Co., Riverside, N. J.
VERONA seamless poles—Valley Forging Co., Verona, Pa.
VEROSENE FINISH wood stains—Armstrong Paint & Varnish Works, 2532 S. Paulina, Chicago, Ill.
VERSCHOYLE pocket transits—Taylor Instrument Companies, Rochester, N. Y.
VERSIES flexible conduits—Protectus Paint Co., N. Amer. bldg., Phila., Pa.
VERTASCOPE pole measuring instruments—United Electric Supply Co., Marion, Ohio
VERTICAL turret lathes—Bullard Machine Tool Co., Bridgeport, Conn.
VERYBEST loose leaf devices—Plew & Motter, 1200 W. Monroe, Chicago, Ill.
VERY BEST lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
VESTA stoves & ranges—Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.
VESTAL sunshine steam & hot water heaters—Reading Scale & Machine Co., Reading, Pa.
VESURESE wire rope & coating & lubricant—Swan & Finch Co., 165 Broadway, New York
VESUVIUS melting furnaces—Davis Mach. Tool Co., Rochester, N. Y.
VESUVIUS packing—Squires & Byrne Rubber Co., San Francisco, Cal.
VESUVIUS pyrites burners—Valley Iron Works Co., Appleton, Wis.
VESUVIUS spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
VETERAN oil—Texas Company, 17 Battery pl, New York
VEXEN fly swatters—U. S. Wire Mat Co., Decatur, Ill.
VIBRO-LIFE massage vibrators—Eureka Vibrator Co., 131 W. 42nd, New York
VIBROSIMPLEX massage vibrators—Universal Novelty Co., 164 5th av, New York

VICHEK chisels, punches, pliers, tools, wrenches, hatchets, riveting hammers—Vichek Tool Co., 3000H E 87th, Cleveland, Ohio
VICTOR adjustable standards & brackets—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
VICTOR air tight heaters—A. Geisel Mfg. Co., 219 So. 2nd, St. Louis, Mo.
VICTOR air, water, steam & suction hose & packing—Mulonroy Co., Inc., 54th & Jefferson, Phila., Pa.
VICTOR ale pumps—Victor Electric Co., 236 S. Robbey, Chicago, Ill.
VICTOR animal pokes—Hughes & Smythe, Galena, Ohio
VICTOR animal traps—Oneida Community (Ltd.), Oneida, N. Y.
VICTOR automobile headlights—Corcoran-Victor Co., Cincinnati, Ohio
VICTOR barbers hair clippers—Coates Clipper Mfg. Co., Worcester, Mass.
VICTOR barrows—Frank R. Prescott, Meredith, N. H.
VICTOR belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
VICTOR belt lacing—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
VICTOR belt lacing, belt cements—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
VICTOR safety fuse—du Pont de Nemours, E. I., Wilmington, Del.
VICTOR boiler tube cleaners—Liberty Mfg. Co., 718H Frick bldg, Pittsburgh, Pa.
VICTOR bolt clippers—Roberts Mfg. Co., Somerville, Mass.
VICTOR bottle stoppers—Taplin Mfg. Co., New Britain, Conn.
VICTOR capstans—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
VICTOR car movers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
VICTOR casters—Foster, Merriam & Co., Meriden, Conn.
VICTOR coal & gas stoves—Victor Stove Co., Salem, Ohio
VICTOR cold storage doors & ice recording chutes—R. E. Jones, Hagerstown, Md.
VICTOR corn shellers—Barnard & Leas Mfg. Co., Moline, Ill.
VICTOR cotton planters—Kingman Plow Co., Peoria, Ill.
VICTOR creamery churns—Oakes & Burger Co. Cattaraugus, N. Y.
VICTOR cultivators—Hayes Pump & Planter Co., Galva, Ill.
VICTOR desk telephone brackets—Stanley & Patterson, 23 Murray, New York
VICTOR dies & taps—Victor Tool Co., Waynesboro, Pa.
VICTOR door hangers, elevator safety devices, fire door fittings, fire tin clad doors—Victor Mfg. Co., Newburyport, Mass.
VICTOR door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
VICTOR electric bells—Electric Goods Mfg. Co., Canton, Mass.
VICTOR ensilage cutters—Foster & Williams Mfg. Co., Racine, Wis.
VICTOR feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.
VICTOR feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
VICTOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.
VICTOR flour sieves—Wickwire Spencer Steel Corp., Worcester, Mass.
VICTOR garden barrows—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
VICTOR garden cultivators—American Rake & Hoe Co., Swetland bldg, Cleveland, Ohio
VICTOR garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
VICTOR gate valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VICTOR grass catchers—R. F. Krause, Zion City, Ill.
VICTOR hack saw blades—Victor Saw Works, Springfield, Mass.
VICTOR hack saw machines—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
VICTOR ham presses—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
VICTOR hay carriers—Louden Machinery Co., Fairfield, Ia.
VICTOR hay presses—Geo. Ertel Co., Quincy, Ill.
VICTOR horse brushes—Jos. Lay Co., Ridgeville, Ind.
VICTOR hot air furnaces—Corning Mfg. Co., Corning, N. Y.
VICTOR hot air furnaces—W. G. McPherson Co., 19th & Wilson, Portland, Ore.
VICTOR ice creepers—Philip Rapp, Reading, Pa.
VICTOR insulators—Locke Insulator Mfg. Co., Victor, N. Y.
VICTOR lamp burners—Edw. Miller & Co., Meriden, Conn.
VICTOR lawn & balcony clothes dryers—Victor Dryer Co., Worcester, Mass.
VICTOR lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
VICTOR lawn mowers—S. P. Townsend & Co., Orange, N. J.
VICTOR lemon squeezers, magnetic tack hammers—Taplin Mfg. Co., New Britain, Conn.
VICTOR low pressure steam traps—Wright-Austin Co., 315 Woodbridge, Detroit, Mich.
VICTOR lubricating oils & greases—A. W. Harris & Co., 17 Battery pl, New York
VICTOR lubricating oils & grease—Swan & Finch Co., 165 Broadway, New York
VICTOR metal key faucets—Jorn Sommer Faucet Co., 355 Central av, Newark, N. J.
VICTOR mitre boxes—J. C. McCarty & Co., 29 Murray, New York
VICTOR natural gas burners—C. H. Yonk & Co., Meadville, Pa.
VICTOR night latches—Huber Mfg. Co., 417 E. 93d, New York
VICTOR oil cups, valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VICTOR packing & airdrill & cotton hose—Pioneer Rubber Mills, San Francisco, Cal.
VICTOR platform trucks & truck wheels—Victor Truck Co., Johnsonburg, Pa.
VICTOR paper caps—Standard Envelope Co., 296 Broadway, New York
VICTOR positive pressure blowers — Connersville Blower Co., Connersville, Ind.
VICTOR pressure regulators—Standard Regulator Co., 90 West, New York
VICTOR projectors—Victor Animatograph Co., Davenport, Ia.
VICTOR punches & shears—Armstrong Mfg. Co., Waterloo, Ia.
VICTOR railway track drills—Isaac G. Johnson & Co., Spuyten Duyvil, New York
VICTOR red oils—Manufacturers Paraffine Co., Chester, Pa.
VICTOR reducing wheels—Jas. L. Robertson & Son, 78 Murray, New York
VICTOR ring travelers—Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.
VICTOR road scrapers—American Steel Co., Sidney, Ohio
VICTOR rules, mitre boxes—Stanley Rule & Level Co., New Britain, Conn.
VICTOR saw gummers—Henry Disston & Sons, Tacony, Phila., Pa.
VICTOR scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
VICTOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
VICTOR sheepskin wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
VICTOR sliding furniture caster—Victor Caster Co., Bridgeport, Conn.
VICTOR solid tires—Victor Rubber Co., Springfield, Ohio
VICTOR steam separators—Steam Appliance Co., Milwaukee, Wis.
VICTOR steam shovels—Toledo Foundry & Machine Co., Toledo, Ohio
VICTOR step-ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
VICTOR storage batteries & spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
VICTOR tire air pumps—Judd & Leland Mfg. Co Clifton Springs, N. Y.
VICTOR track brooms & brushes, horse & window brushes—Jos. Lay Co., Ridgeville, Ind.
VICTOR TURBINE DRILL breast drills—Bonney Shanks Co., Chattanooga, Tenn.
VICTOR vacuum cleaners—Hugro Mfg. Co., 327 S La Salle, Chicago, Ill.
VICTOR vises—Chas. Parker Co., Meriden, Conn.
VICTOR wagon buffers & coil springs—Indianapolis Bolster Spring Co., 326 W Georgia, Indianapolis, Ind.
VICTOR wagon jacks—Covert Saddlery Works, Interlaken, N. Y.
VICTOR wagon jacks—Fernald Mfg. Co., North East Pa.
VICTOR water closets—Pierce, Butler & Pierce Mfg Corp., 437 E. 162nd, New York
VICTOR water heaters—S. V. Reeves, 45 N. 2d Phila., Pa.
VICTOR water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
VICTOR water wheels—Platt Iron Works Co., Dayton, Ohio
VICTOR well buckets—Richmond Cedar Works, Fulton, Richmond, Va.
VICTOR wire fences—Dwiggins Wire Fence Co., Anderson, Ind.
VICTOR wrenches—Bonner Drop Forge Co., 111 W. Washington, Chicago, Ill.
VICTOR wrenches—Kraeuter & Co., 583 18th av, Newark, N. J.
VICTOR BALATA belting, pump valves, lug & shuttle straps—Victor-Balata & Textile Belting Co., 38 Murray, New York
VICTOR GRAND fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
VICTOR WHITE polishing compound — General Plasters Supply Co., 489-493 Broome, New York
VICTORIA copying presses—Regina Co., 47 W. 34th, New York
VICTORIA Keene's cement—Clifford L. Miller & Co., 280 Madison av, New York
VICTORIA liquid soap—F. S. Walton Co., Orthodox & Del., Philadelphia, Pa.
VICTORIA paris white—H. F. Taintor Mfg. Co., 2 Rector, New York
VICTORIA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
VICTORIA row-locks—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
VICTORIA venetian blinds, window screens—Bostwick-Goodell, Norwalk, Ohio
VICTORIA GRAY marble—Victoria Marble Co., Knoxville, Tenn.
VICTORIA PINK marble—Victoria Marble Co., Knoxville, Tenn.
VICTORY axes—Dunn Edge Tool Co., Oakland, Me.
VICTORY core oils—Swan & Finch Co., 165 Broadway, New York

VICTORY cow milking machines—Starch Bros. Co., La Crosse, Wis.
VICTORY felt, buffing & polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.
VICTORY fertilizer distributors—Southern Plow Co., Columbus, Ga.
VICTORY lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
VICTORY padlocks—E. T. Fraim Lock Co., Lancaster, Pa.
VICTORY pipe bending machines—American Marine Iron Works, Portland, Ore.
VICTORY power sprayer—Deming Co., Salem, Ohio
VICTORY tool steel—Hy. Rossell, 24 S. Jefferson, Chicago, Ill.
VICTORY varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
VICTORY vellum tracing paper—Geo. Vincent, mfr., 422 E. 53d, New York
VICTORY JUNIOR power sprayer—Deming Co., Salem, Ohio
VICTROLINE automobile & furniture polish—Victroline Co., 39 Pearl, Boston, Mass.
VIDUET brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio
VIENNA bakers' oven doors—Chas. Robson & Co 8th & Washington av, Philadelphia, Pa.
VIENNA MOIRE blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.
VIGILANT electric bells—Edwards & Co., 140th & Exterior av, New York
VIGILANT feed water regulators—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
VIGILANT safety water columns—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VIGO belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
VIKING babbitt metal—Thos. F. Lukens Metal Co., 1105 Fairmont av, Phila., Pa.
VIKING belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
VIKING cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
VIKING lubricators—Wm. Powell Co., Cincinnati, Ohio
VIKING oil circulating pumps—Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, Ohio
VIKING packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
VIKING pig iron—Carbon Furnace Co., Ltd., Mauch Chunk, Pa.
VIKING shears—Viking Shear Co., Erie, Pa.
VIKING shears—Whitney Metal Tool Co., Rockford, Ill.
VIKING transformers—Viking Electric Co., 152 Chambers, New York
VILLAGE BLACKSMITH cutlery—Washington Cutlery Co., Watertown, Wis.
VILVCO sand & gravel heaters & dyers—Harry Vissering & Co., 14 E. Jackson blvd., Chicago, Ill.
VIM bronze metal bearings—Bronze Metal Co., 30 Church, New York
VIM corn brooms—Universal Broom Co., Dept. H, Chattanooga, Tenn.
VIM engines—Ames Iron Works, Oswego, N. Y.
VIM gas igniters, spark plugs—K-W Ignition Co., Chester av & E. 30th, Cleveland, Ohio
VIM mechanical leather goods—E. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.
VIM rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
VINCENT belting—L. H. Gilmer Co., Cottman & Keystone, Phila., Pa.
VINEYARD gang plows—Parlin & Orendorff Co., Canton, Ill.
VI-RAY-O therapeutic lamps—Western Coil & Electrical Co., Racine, Wis.
VIRGINIA cook stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
VIRGINIA oil cans—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
VIRTUE air pumps—Brown Co., Syracuse, N. Y.
VIRUCO packing—Victor Rubber Co., Springfield, Ohio
VISCO can filling machines—Kare Kiefer Machine Co., 919 Martin, Cincinnati, Ohio
VISCOL belt dressing—Viscol Co., Cambridge, Mass.
VISCOS lubricating oils & greases—Nat'l Oil & Sup. Co., 180 Frelinghuysen av, Newark, N. J.
VISCOSITY drawing compounds—Swan & Finch, 165 Broadway, New York
VISE CLIP paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
VISMERA rust resisting iron—Inland Steel Co., First Nat'l Bank bldg., Chicago, Ill.
VITAL spark plugs, vacuum cleaners—Vital Mfg. Co., 7500 Quincy av., Cleveland, O.
VITALIC rubber tires, inner automobile tubes, bicycle & motor cycle pedals, motorcycle grips—Continental Rubber Works, Erie, Pa.
VITEOSIL pyrometer tubes—Thermal Syndicate (Ltd.), 50 E. 41st, New York
VITIO closet seats—James M. Teahen, 43 Fort, W. Detroit, Mich.
VITRALITE enamels—Pratt & Lambert, Buffalo, N. Y.
VITRAWITE enamels—Flood & Conklin Co., 132 Chestnut, Newark, N. J.
VITRAY brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio
VITREO lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
VITREOSIL laboratory apparatus & supplies—Thermal Syndicate (Ltd.), 50 E. 41st, New York
VITRIBESTOS asbestos block & smoke stock lining—Johns-Manville, Inc., Madison av & 41st, New York
VITRIFIX floor hardener—Vitrifix Co., 133 W. Washington, Chicago, Ill.
VITRO water closets, water closet tanks—James M. Teahen, 43 Fort, W. Detroit, Mich.
VITROLAC varnishes for all purposes—du Pont E. I. de Nemours & Co. (Paint & Varnish Sales Div.), Wilmington, Del.
VITROLITE marble substitute—Vitrolite Co., Chamber of Commerce bldg, Chicago, Ill.
VIVIAN rate controllers—Norwood Engineering Co., Florence, Mass.
VIXEN files—Vixen Tool Co., Newark, N. J.
VIXEN tools—Vixen Tool Co., 50th & Lancaster av, Philadelphia, Pa.
VIXEN wrenches—Bonney Forge & Tool Works, Allentown, Pa.
VIZOR self closing oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
VOGEL ground connection clamps—Fairmount Elec. & Mfg. Co., 59th & Woodland av, Phila., Pa.
VOGT water tube boilers & grate bars—Henry Vogt Machine Co., Inc., Louisville, Ky.
VOGUE wall paper—Allen Higgins Paper Co., Worcester, Mass.
VOLBRATH sinks & trays—Volbrath Co., Sheboygan, Wis.
VOLCANIC kitchen enameled ware—Cleveland Stamping & Tool Co., E. 53d & Hamilton, Cleveland, O.
VOLCANO car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.
VOLCANO fire hose—O. C. Keckley Co., 318H Washington av, Chicago, Ill.
VOLCANO steam heaters, water tube heaters—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
VOLGER marking inks—B. C. Volger Mfg. Co., Passaic, N. J.
VOL-KA-NO paint—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio
VOLKI metal polish—Brewer & Co., Worcester, Mass.
VOLLER automobile horns—Post & Lester Co., Hartford, Conn.
VOLLRATH kitchen enameled ware—Vollrath Co., Sheboygan, Wis.
VOLT belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
VOLTALAC insulating varnish—Standard Varnish Works, 90 West, New York
VOLTA storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York
VOLTZ automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
VOLUNTEER lubricators—Nathan Mfg. Co., 416 E. 106th, New York
VOLUNTEER steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
VOLUNTEER steel ranges—Tenn. Stove Co., Chattanooga, Tenn.
VOLYUM COOLOUT PUMPS special machinery—Smith & Johnson Mfg. Co., 2031 Elam, Cincinnati, Ohio
VON BODEN-INGLES fuel oil burners—Sullivan Edward S. Co., Monad bldg, San Francisco, Cal.
VON DUPRIN emergency exit door locks & fire door latches—Vonnegut Hardware Co., Indianapolis, Ind.
VORCA paint—Vortex Mfg. Co., W. 77th, Cleveland, Ohio
VORITE rubber substitutes—Pierce Co., East Rochester, N. Y.
VORTEX carbureters—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
VORTEX centrifugal pumps—Lawrence Pump & Engine Co., Lawrence, Mass.
VORTEX dish washing machines—Hamilton-Low Co., 62 Van Winkle av, Jersey City, N. J.
VORTEX paint and whitewash spraying machine—Vortex Mfg. Co., W. 77th, Cleveland, Ohio
VORTEX paper cups—Vortex Mfg. Co., 421 N. Western av, Chicago, Ill.
VORTEX urinals—Crane Co., 836 S Michigan av, Chicago, Ill.
VOSBERG floor & ceiling plates—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
VOSPER pipe cutters—Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, Ohio
VOSS water motor washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
VRANE BRAND pocket knives—Max Klaas, 108 Fulton, New York
VROOMAN'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.
VUDOR porch saddles—Hough Shade Corporation, Janesville, Wis.
VULCABESTON paking, insulating compounds—Johns-Pratt Co., Hartford, Conn.
VULCABESTOS packing, insulating compounds, insulating washers, valves—Johns-Manville, Inc., Madison av & 41st, New York
VULCAFIBRON packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.
VULCAN anvils, tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
VULCAN auto tools, balance crank & machine handles, caliper gauges, chain pipe wrenches, lathe dogs, clamps, "C" machinist's strap, milling machine dogs, eye bolts, hoist hooks, swivels, tool holders, wire rope sockets & vises—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
VULCAN axe & scythe—Kelly Axe Mfg. Co., Charleston, W. Va.
VULCAN babbitt metal—North American Smelting Co., 9th & Thompson, Philadelphia, Pa.
VULCAN belt dressing—Goodyear Rubber Hose & Packing Co., 221 Chestnut, Philadelphia, Pa.
VULCAN coat & hat hooks—Wickwire Spencer Steel Corp., Worcester, Mass.

VULCAN coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.
VULCAN coffee percolators, soldering irons, wax melters—Vulcan Electric Heater Co., Buffalo, N. Y.
VULCAN compressed air locomotives, power hammers—Vulcan Iron Works, Mason City, Ia.
VULCAN drag road scrapers—Sidney Steel Scraper Co., Sidney, O.
VULCAN fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
VULCAN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
VULCAN foot power hammers—Vulcan Iron Works Co., Mason City, Ia.
VULCAN foundry blacking—J. S. McCormick Co., 25th & A. V. R. R., Pittsburgh, Pa.
VULCAN furnace pipes—Waverly Heating & Supply Co., 52 Union, Boston, Mass.
VULCAN gas engines—Vulcan Gas Engine Works, 1827 Bainbridge, Phila., Pa.
VULCAN gas soldering furnaces, sad irons, waffle irons, melting pots, heaters, ranges, cast iron griddles & gas logs—W. M. Crane Co., 16 W. 32d, New York
VULCAN gasoline blow torches—Otto Bernz, 17-37 Ashland, Newark, N. J.
VULCAN hand forks—Union Fork & Hoe Co., Columbus, O.
VULCAN high pressure gauge glass—Advance Packing & Supply Co., 54 E Lake, Chicago, Ill.
VULCAN horse nails—Fowler Nail Co., Seymour, Conn.
VULCAN hose, packing—Empire Tire & Rubber Corp., Trenton, N. J.
VULCAN iron—Lockhart Iron & Steel Co., McKees Rocks, Pa.
VULCAN linen ledger paper—Carew Mfg. Co., S. Hadley Falls, Mass.
VULCAN lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VULCAN packing—New York Belting & Packing Co., 91 Chambers, New York
VULCAN packings—Vulcan Asbestos Mfg. Co., W. North av., Westfield, N. J.
VULCAN pipe vises—Hilts Wrench & Mfg. Co., Richford, N. Y.
VULCAN roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
VULCAN screw drivers—Clement Mfg. Co., Northampton, Mass.
VULCAN shears—Merwin Mfg. Co., Erie, Pa.
VULCAN shears & punching machines—Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
VULCAN spelter, brass ingots — Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, Ill.
VULCAN tube cleaners—Vulcan Soot Co., Du Bois, Pa.
VULCANITE asphalt mastic—Barber Asphalt Paving Co., Land Title bldg., Philadelphia, Pa.
VULCANITE asphalt paints, roofing, shingles—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.
VULCANITE asphalt shingles—Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
VULCANITE cement—Vulcanite Portland Cement Co., Land Title bldg., Philadelphia, Pa.
VULCANITE emery wheels—New York Belting & Packing Co., 91 Chambers, New York
VULCANIZED fibre timer rings—Continental Fibre Co., Newark Centre, Del.
VUL-COT waste paper baskets—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.
W. cotton twine—Estes Mills, Fall River, Mass.
W. hollow mortising chisels—Star Bit & Tool Co., Rockford, Ill.
W. wire fences & gates—Wickwire Spencer Steel Corp., Worcester, Mass.
W-A cast iron exhaust heads—Wright-Austin Co., 315 Woodbridge W., Detroit, Mich.
W. A. 30 CAL smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
W. B. & C. lenses, watch crystals—Albert Berger & Co., 45 John, New York
W. C. auto-boat steerers—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
"W. C." marine steering gears—Wilcox, Crittenden & Co., Inc., Middletown, Conn.
W. C. C. antimony—Wah Chang Mining & Smelting Co., 233 Broadway, New York
W. D. paint—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
W. D. M. metal face packing—Walsh Packing Co., 304 New, Phila., Pa.
W. D. W. blacksmiths' nippers—H. D. Smith & Co., Plantsville, Conn.
W. E. POTHEAD insulating compounds—Western Electric Co., 463 West, New York
W. H. MORLEY & SONS shears & scissors—Adolph Kastor & Bro., 109 Duane, New York
W. J. switch stands—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
W. J. DENNIS window brushes—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
W. J. POLSON'S blow-out patches, leather-fan belts, tube patches, reliners & rubber cement—W. J. Polson Co., 18th & Indiana av, Kansas City, Mo.
W-L shingle stains—Woodlife Co., 262 Fulton, Brooklyn, N. Y.
W-M. iceless refrigerators—Metal Barrel Co., Galesburg, Ill.
W. P. H., packing—Crandall Packing Co., Palmyra, N. Y.
W. P. S. leather caps & fibrous packing—Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
W. P. S. metallic packing—Western Packing & Supply Co., 231 N. Wells, Chicago, Ill.
W-S. hydraulic jacks, machinery, presses—Watson-Stillman Co., 38 Church, New York
W. S. rivet sets, tap borers—P. Lowentrout Mfg. Co., 36 Brenner, Newark, N. J.
W. T. hot water supply boilers—H. B. Smith Co., Westfield, Mass.
W. U. C. voltage regulators—Portland Co., Portland, Me.
W. W. belt dressing—Duryea Mfg. Co., Bayonne, N. J.
W. W. wire poultry netting—Wickwire Bros., Cortland, N. Y.
W. & B. tool cases—Wedell & Boers, 157 Jefferson, Detroit, Mich.
W. & C. shock absorbers for Fords—P. H. Webber Co., Hoopeston, Ill.
W. & E. oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
W. & H. ROWLAND automobile springs—Wm. & Harvey Rowland, Tacony & Lewis, Phila., Pa.
W. & M. telephone wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
W. & McD. blow-off valves, steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
W. & P. paints—Vulcanite Roofing Co., 16th & Texas, San Francisco, Cal.
W. & P. self-oiling & buffing lathes & bench grinders—Webster & Perks Tool Co., Springfield, Ohio
W. & R. jewelers' machinery—Worthington & Raymond, 71 Murray, New York
W. & R. spray pumps—Rochester Spray Pump Co., Rochester, N. Y.
W. & T. chlorinators—Wallace & Tiernan Co., Inc., 349 B'way, New York
W. TYPE feed mills—C. S. Bell Co., Hillsboro, Ohio
WABASH cement—Wabash Portland Cement Co., 1824 Ford, Detroit, Mich.
WABASH horse collar pads—Harsh-Miller Mfg. Co., Wabash, Ind.
WABASH EXPRESS coaster wagons—Wabash Mfg. Co., Terre Haute, Ind.
WACO brick—Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
WADE precision bench lathes—American Tool Co., 311 Atlantic av, Boston, Mass.
WADE & BUTCHERS razors—Adolph Kastor & Bros., 109 Duane, New York
WADHAMS grease cups—Wadhams Oil Co., 359 Clinton, Milwaukee, Wis.
WADISCO closets—Crane Co., 836 S Michigan av, Chicago, Ill.
WADSWORTH kerosene traction engines—Detroit Engine Works, Kerchal & Connors, Detroit, Mich.
WAGENER steam pumps—Plant Engineering & Equipment Co., Inc., 192H Broadway, New York
WAGENHALS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
WAGGONER fire buckets—Northern Fire Apparatus Co., 2422 University av, S. E. Minneapolis, Minn.
WAGNER ALL-METAL fly traps—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER bar staples, gasoline engine trucks, cupboard catches, roof brackets, sash holders, screen door hangers, braces & hinges, hay rack clamps, door pulls, coil springs & lawn spuds, sliding door latches, steering coasters—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER cast aluminum & cast iron cooking utensils—Wagner Mfg. Co., Dept. H, Sidney, Ohio.
WAGNER cold-saw cutting-off machines, metal boring machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
WAGNER cast aluminum & cast iron cooking utensils—Wagner Mfg. Co., Dept. H, Sidney, Ohio.
WAGNER DAISY fly traps—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER DANGER ice chippers—Wagner Mfg. Co. Cedar Falls, Ia.
WAGNER LEADER door hangers—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER sausage stuffers—Silver Mfg. Co., No. 256, Salem, Ohio
WAGNER QUALITY electrical products—Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WAGNER & LOWE hoof parers—Lowe Mfg. Co., Enderlin, N. D.
WAGNER'S children's carriages—E. R. Wagner Mfg. Co., North Milwaukee, Wis.
WAGNER'S flue stops—Weber & Kirck Mfg. Co., Keokuk, Iowa
WAG'S vegetable soap—Wags Chemical Co., 312 W Jackson av, Knoxville, Tenn.
WAHL fountain pens—Wahl Co., 1800 Roscoe, Chicago, Ill.
WAIBEL'S pitching machines, rapid branders—Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
WAINWRIGHT expansion joints, steam condensers—Alberger Pump & Condenser Co., 140 Cedar, New York
WAINWRIGHT steel bound concrete curb—Steel Protected Concrete Co., Real Estate Trust bldg., Phila., Pa.
WAITE gasoline traction engines—Waite Tractor Co., Elgin, Ill.
WAKEFIELD adjustable wrenches & drop forged wrenches—Clarence E. Wakefield, Worcester, Mass.
WALCLOTH wall coverings—T. R. Goodlatte & Sons, Inc., Delawanna, N. J.
WALCOTT chain warpers—Draper Corp., Hopedale, Mass.
WALDA sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.
WALDEN-WORCESTER wrenches—Walden-Worcester, Inc., Worcester, Mass.
WALDKIRCHER'S oscillating force pumps—Klotz Machine Co., Sandusky, Ohio
WALDO ring packing—H. Johnson Co., ft Gates av, Jersey City, N. J.

WALDO shade holders—Waldo Co., 45 E. 20th, New York
WALDO JR., sanitary drinking fountains—Trenton Potteries Co., Trenton, N. J.
WALDORF gas ranges — Southard-Robertson Co., Peekskill, N. Y.
WALDRON hot air furnace—Brien Heater Co., Westfield, Mass.
WALDS door bumpers—Diehl Novelty Co., Glenbeulah, Wis.
WALES adding machines—Adder Machine Co., Wilkes-Barre, Pa.
WALKER automobile engines—Walker Motor Co., H, East 131st, Cleveland, Ohio
WALKER belt fasteners—R. & J. Dick, Passaic, N. J.
WALKER coal drills, mine cages, mine tipples—What Cheer Tool Co., What Cheer, Ia.
WALKER cold rolled shafting—Walker Mfg. Co., Denver, Colo.
WALKER farm wagons—Geo. S. Cady & Co., Moravia, N. Y.
WALKER fire hydrants—Norwood Engineering Co., Florence, Mass.
WALKER flexible joints—Crane Co., 836 S. Michigan av, Chicago, Ill.
WALKER grapple forks—G. A. Swineford Co., Canton, Ohio
WALKER hay carriers—Jackson-Byron Iron Works, Berkeley, Cal.
WALKER oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
WALKER steam heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
WALKER twine holders—Universal Winding Co., Boston, Mass.
WALKER'S mane combs—Rubber & Celluloid Products Co., 56 Ferry, Newark, N. J.
WALKOVER car seats, chairs & fittings—American Motor Body Co., 18th & Leigh av, Phila., Pa.
WALLABOUT rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
WALLACE angle benders, anti-rattlers, car racks, sign holders—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WALLACE carbureters—Lucas-Wallace Mfg. Co., Paducah, Ky.
WALLACE lemon squeezers—A. C. Williams Co., Ravenna, Ohio
WALLACE DECK openers — Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WALLIN baths—Crane o., 836 S Michigan av, Chicago, Ill.
WALLIS gasoline traction engines—Wallis Tractor Co., Racine, Wis.
WALLS engineers' oiling sets—P. Wall Mfg. Supply Co., 705 Preble av, N. S. Pittsburgh, Pa.
WALLWORKS portable lights—Wells Light Mfg. Co., 154 Chestnut av, Jersey City, N. J.
WALRINE leather wheels—Miller & Co., 12 William, Newark, N. J.
WALRUS asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
WALRUS oil pump lubricators—D. T. Williams Valve Co., Cincinnati, Ohio
WALRUS rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
WALSH safety lock snaps—Walsh Safety Lock Snap Co., Bellevue, Ohio
WALSH sugar cane carrier feeders—Henry Nadler, Plaquemine, La.
WALSH window tents—Cabinet Mfg. Co., Quincy, Ill.
WALSYN closets—Crane Co., 836 S Michigan av, Chicago, Ill.
WALTER A., Wood reapers—Walter A. Wood, Hoosick Falls, N. Y.
WALTERS gasoline blow torches—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
WALTERS metal working planing machines—Ketchum Tool Equipment Co., Bridgeport, Conn.
WALTERS metallic shingles—National Sheet Metal Roofing Co., 339 Grand, Jersey City, N. J.
WALTHAM bench lathes—Waltham Lathe & Mfg. Co., Waltham, Mass.
WALTHAM weather vanes—L. W. Cushing & Son, Waltham, Mass.
WALTON tap extractors—Walton Co., Hartford, Conn.
WALWORTH genuine stillson pipe wrenches, pipe cutters, pipe vises—Walworth Mfg. Co., Boston, Mass.
WALWORTH pipe vises—Oswego Tool Co., Oswego, N. Y.
WAMPUS rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
WAMSCO BRAND balls—Waterbury Steel Ball Co., 300 Aurora, Waterbury, Conn.
WAMSCO BRAND balls—Metal Specialty Mfg. Co., Inc., Waterbury, Conn.
WANDS hand vacuum cleaners—Standard Mfg. Co., Syracuse, N. Y.
WANG lubricating oils & greases—Van Tilburg Oil Co., 2424 University av, Minneapolis, Minn.
WANIGAS asphalt roofing, roofing paints—Asphalt Roofing Co., Saginaw, Mich.
WANTOPAIL collapsible buckets—Pillsbury Mfg. Co., 322 Hennepin av, Minneapolis, Minn.
WAPELLO rural mail boxes—C. L. Bettler & Son, Wapello, Ia.
WARD desk telephone brackets, orchestra lamps—McLeod, Ward & Co., 430 11th av, New York
WARD gasoline traction engines—Ward Tractor Co., Lincoln, Nebr.
WARD safety razors—Ward Safety Razor Co., Blue Island, Ill.
WARD LOW pumps, devises, hitching posts, hydraulic rams & grey iron castings—Ward Love Pump Co., Rockford, Ill.
WARDEN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
WARD'S high speed & tool steel—Ward's Edgar T. Sons, 304 Hudson, New York
WARDWELL stone channeling machines—New Albany Mfg. Co., New Albany, Ind.
WARING drainage systems—Waring, Chapman & Farquhar, 874 Broadway, New York
WARING washing machines—Ed. C. Waring, Huntsville, Mo.
WARKICK screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
WARLIC steam heaters—Warlic Heater Mfg. Co., Frisco bldg., St. Louis, Mo.
WARNER ammeters & voltmeters—Standard Electric Time Co., Springfield, Mass.
WARNER carriage & wagon wheels—P. Lebzelter, Son & Co., Lancaster, Pa.
WARNER cultivators—Racine-Sattley Co., Springfield, Ill.
WARNER door springs, screen door checks, wire stretchers—Arcade Mfg. Co., Freeport, Ill.
WARNER elevators, gasoline engines, pumping engines—Warner Elev. Mfg. Co. Warner, Ill.
WARNER hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
WARNER lantern holders—W. C. Ladd, Bristol, Conn.
WARNER pistols—Davis-Warner Arms Co., 96 Chambers, New York
WARNER speedometers, auto meters & speed indicators—Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
WARNOCK pipe vises, pipe & brass wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
WARNOCK SIMPLEX brass & pipe wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
WARREN feed mangers—Rockford Steel Fixture Co., Rockford, Ill.
WARREN hay racks—Harris Mfg. Co., Salem, Ohio
WARREN improved calender doctors. Ticonderoga Machine Works, Ticonderoga, N. Y.
WARREN metal bath—Youngstown Pressed Steel Co., Warren, O.
WARREN metal polish—Warren Refining & Chemical Co., 9420 Meech av, Cleveland, Ohio
WARREN tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
WARREN universal joints—Mutual Mach. Co., 27 Wells, Hartford, Conn.
WARREN'S pulley covering—Warren Co., Niles, Mich.
WARRINER cattle stanchions—W. B. Crumb, Forestville, Conn.
WARRINGTON pile drivers' hammers—Vulcan Iron Works, 327 N. Irving av, Chicago, Ill.
WARSAW elevators—Warsaw Elevator Co., Warsaw, N. Y
WARWICK dredge chains—Newhall Chain, Forge & Iron Co., 89 West, New York
WARWOOD coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.
WARWOOD mining picks—Wheeling Stove & Range Co., Wheeling, W. Va.
WASANTS lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
WASCO billiard supplies—Wm. A. Spinks Co., 362 W. Erie, Chicago, Ill.
WASCO garage heaters—Caloric Furnace Co., 1531H Locust, Phila., Pa.
WASCO garage self-regulating heating systems—W. A. Schleit Mfg. Co., Syracuse, N. Y.
WASCO spark plugs—Washington Auto Supply Co., Washington, Ill.
WASHABLE wall finish—Boydell Bros. White Lead & Color Co., 432H E. Lafayette, Detroit, Mich.
WASHASH metal frame window screens—Continental Co., Book bldg, Detroit, Mich.
WASHBURN vises—Barbour Stockwell Co., Cambridge, Mass.
WASHBURNE sliding door latches—National Mfg. Co., Sterling, Ill.
WASHBURNE'S O. K. paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.
WASHINGTON carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.
WASHINGTON cement—Washington Portland Cement Co., Concrete, Wash.
WASHINGTON NO. 2 fireplace heaters—E. C. Bibb Stove Co., 109 Light, Baltimore, Md.
WASHINGTON cider faucets—John Somner Faucet Co., 355 Central av, Newark, N. J.
WASHINGTON spark plugs—Washington Auto Supply Co., Washington, Ill.
WASHINGTON stoves & ranges—Gray & Dudley Hardware Co., Nashville, Tenn.
WASHINGTON SUPERIOR pulley covering—W. S. Raymond, Dept. H, Niles, Mich.
WASSON piston rings—Wasson Piston Ring Co., Plainfield, N. J.
WASSON wire reels—Wasson Reel Co., Clinton, Ill.
WATCH DOG water meters—Gamon Meter Co., Newark, N. J.
WATCHMAN'S time recorder—E. Imhauser Co., 212 B'way, New York
WATCHMEN'S time recorders—Holtzer Cabot Electric Co., 125 Amory, Boston, Mass.
WATCO red lead—Wm. Waterall & Co., Camden, N. J.
WATERBURY emery grinders—Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
WATERBURY hydraulic variable speed gears—Waterbury Tool Co., Waterbury, Conn.
WATERBURY lawn sprinklers—Noera Mfg. Co., Waterbury, Conn.
WATERBURY SEPARATE CYLINDER open batteries—Waterbury Battery Co., Waterbury, Conn.

WATERBURY TRACK wet batteries—Waterbury Battery Co., Waterbury, Conn.
WATERBURY UNIT CYLINDER open batteries—Waterbury, Conn.
WATERFORD motor-boat — Disappearing Propeller Boat Corp. of New York, North Tonawanda, N. Y.
WATERIDE flat belting—F. Raniville Co., Grand Rapids, Mich.
WATER KING waterproof belting—Bay State Belting Co., 349 Congress, Boston, Mass.
WATERLOO BOY cream separators, cow milking machines, gasoline engine, kerosene tractor, manure spreaders—Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
WATERMAN self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
WATER NYMPH cleanable collars & cuffs—The Arlington Works (E. I. du Pont de Nemours Co.), Wilmington, Del.
WATERPROOF belt cements—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
WATERPROOF FLAT FINISH bridge & concrete paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
WATERPROOF WHITE FINISH brick & concrete paints—Glidden Co., Madison av & Berea rd, Cleveland, O.
WATER SEAL air valves—Beaton & Cadwell Mfg. Co., Dept. H, New Britain, Conn.
WATERSEAL roofing cements—Thompson & Co., 857 W. North av, Pittsburgh, Pa.
WATERTIGHT battery holders—Stanley & Patterson, 23 Murray, New York
WATERSHEAD asphalt ready roofing—Safepack Mills, 727 Atlantic av, Boston, Mass
WATERTIGHT turbine water wheels—Wm. Bartley & Sons, Bartley, N. J.
WATER TITE asbestos fibre liquid—Wyoming Roofing Products Co., Wyoming, Pa.
WATERTITE PASTE waterproofing materials for concrete—Storm Waterproof Corp., 417 5th av, New York
WATERTOWN cylinder cocks, automatic oil valves, water gauges—Watertown Specialty Co., Watertown, N. Y.
WATERVLIET high speed reamers—Watervliet Tool Co., Inc., 1031 Broadway, Albany, N. Y.
WATER WEIGHT lawn & garden rollers—Dunham Co., Berea, Ohio.
WATER WITCH belting—N. Palmer & Co., Bridgeport, Conn.
WATERWITCH waterproof belting—Smyth-Despard Co., Utica, N. Y.
WATRES graphite lubricators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WATROUS bubbling cups, self-closing faucets, lavatory, fittings & flush pipes—Watrous Co., 524 S. Racine, Chicago, Ill.
WATROUS auger bits—C. E. Jennings & Co., 71 Murray, New York
WATROUS cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
WATROUS screen door catches, storm sash hangers —Watrous Acme Mfg. Co., Des Moines, Ia.
WATROUS urinals, flushing valves, liquid soap fixtures & water closets—Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill.
WATSON automatic barrel fillers, forge blowers, portable forges—Cleveland Steam Gauge Co., 1108 W. 9th, Cleveland, Ohio
WATSON clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
WATSON electric motors, electric disc fans—Mechanical Appliance Co., Milwaukee, Wis.
WATSON horse cards—L. S. Watson Mfg. Co., Leicester, Mass.
WATSON packing—M. T. Davidson Co., 151 Nassau, New York
WATSON pressure regulators—Watson & McDaniel Co., 146 N. 7th, Phila, Pa.
WATSON roof flanges—Davis-Watson Mfg. Co., Nashua, N. H.
WATSONITE sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
WATT gas radiators—Robt. Watt Mfg. Co., 1701 N. 20th, Phila., Pa.
WATT plows—Call-Watt Co., Richmond, Va.
WATTERS grab buckets—Whiting Foundry Equipment Co., 140 S. Dearborn, Chicago, Ill.
WATTS blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
WATTS corn shellers—Watts Mfg. Co., Jackson, Mich.
WATTS oil proof packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
WATTS governors, brass ferrules, sewing machines & pressure regulators, speed limit engine stops, valves, steam traps, shaking grates—Watts Regulator Co., Lawrence, Mass.
WATTS LAWRENCE damper regulators—Watts Regulator Co., Lawrence, Mass.
WAUGH draft gear—Waugh Draft Gear Co., Peoples Gas bldg., Chicago, Ill.
WAUGH pneumatic drills—Denver Rock Drill Mfg. Co., Denver, Colo.
WAUGHT circle & rotary shears—Thomas Machine Co., Elmira, N. Y.
WAUKEGAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
WAUPUN water motors—Althouse-Wheeler Co., Waupun, Wis.
WAUREGAN rubber hose—National India Rubber Co., Bristol, R. I.
WAUSAU flint paper & emery cloth—Wausau Abrasives Co., Wausau, Wis.
WAUSELE grinding discs, abrasive cloth & sheet rolls—Wausau Abrasives Co., 118 Clinton, Chicago, Ill
WAUSITE grinding discs, abrasive cloth & sheet rolls —Wausau Abrasives Co., Wausau, Wis.
WAXINE hard wax floor polish—I. H. Wiley Waxine Co., 68 Dover W., Boston, Mass.
WAXIT furniture polish—Van Tilburg Oil Co., Minneapolis, Minn.
WAX-O kraft waterproof paper—Brown Co., Portland, Me.
WAXOL carriage top dressing furniture polish—W. W. Reid Mfg. Co., 17 Caldwell, Boston, Mass.
WAXSTUFF cloth lined waterproof wrapping—Insurance Packing Mills, Brockton, Mass.
WAYCOTT brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
WAYLO seats—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
WAYMAKER automobile horns—Lee Tire & Rubber Co., Conshohocken, Pa.
WAYNE bell ringing & toy transformers—General Electric Co., Schenectady, N. Y.
WAYNE clothes washing machine—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
WAYNE countersinks & reamers—Wayne Tool Mfg. Co., Waynesboro, Pa.
WAYNE steel bins—Iron Crib & Bin Co., Wooster, Ohio
WEAND sprinkler nozzles, rotary screens—Merritt Hydraulic Co., 110 N. Broad, Phila., Pa.
WEAREBEST typewriter ribbons—Vacuo-Static Carbon Co., Rochester, N. Y.
WEARETTE varnish—Twin City Varnish Co., St. Paul, Minn.
WEAR-EVER aluminum hollow ware—Aluminum Cooking Utensil Co., New Kensington, Pa.
WEAR-PROOF galvanized steel mats—Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
WEARWELL braided cordage—Silver Lake Co., Newtonville, Mass.
WEAR WELL leather gaskets & washers—Detroit Leather Works, 683 E Lafayette, Detroit, Mich.
WEAR WELL packing, gaskets, clutch linings, leather cups, washers—Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
WEAR-WELL REGAL-leather specialties — Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
WEATHERBEST stained shingles—Transfer Stained Shingle Co., North Tonawanda, N. Y.
WEATHERED hot water heaters—Weathered Co., Orient & West End av, Jersey City, N. J.
WEATHER-QUEEN-windproof umbrellas — Wolfson Bros. Umbrella Co., 39 Broadway, New York
WEATHERITE elastic cements—Pecora Paint Co., 4th & Sedgely av, Phila., Pa.
WEATHERKING umbrellas—Wolfson Bros. Umbrella Co., 392 Broadway, New York
WEATHERPROOF rural mail boxes—Tharpe Hardware & Mfg. Co., Monroe, N. C.
WEATHER SHIELD spar varnishes & floor finish—Certain-teed Products Co., Boatmans Bank bldg, St. Louis, Mo.
WEAVER AUTO-TWIN automobile jacks—Weaver Mfg. Co., Springfield, Ill.
WEAVER feed water heaters—Jno. O'Brien Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
WEAVER automobile wrenching trucks, forcing presses—Weaver Mfg. Co., Springfield, Ill.
WEAVER'S jaw chucks—Weaver Mfg. Co., Springfield, Ill.
WEBB automobile & wire belts & flexible shafts—Webb Mfg. Co., ft. Centre, Newark, N. J.
WEBB printing presses—Ray Bros., Ashland, Mass.
WEBBER fanning mills, grain graders—Hirsch Bros., 267 Reed, Milwaukee, Wis.
WEBER subterranean compressed air systems—Weber Subterranean Pump Co., 50 E. 42d, New York
WEBCO unions—Am. Block & Mfg. Co., Warren, Ohio
WEBER concrete chimneys—Weber Chimney Co., McCormick bldg, Chicago, Ill.
WEBER electric rosettes, electric fuses, incandescent cut-outs, recepticles & pendant switches—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBER farm wagons—International Harvester Co. of Am., Inc., Harvester bldg, Chicago, Ill.
WEBER gas engines, gas producers—American Gas Engine Co., Kansas City, Mo.
WEBER logging & lumber trucks & oil & pipe wagons —International Harvester Co. of Am., Inc., Harvester bldg, Chicago, Ill.
WEBER rail joints—Rail Joint Co., 61 Broadway, New York
WEBER ELECTROLIER sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBER PORCELAIN sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBER UNIVERSAL sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBSTER lamp adjusters, lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
WEBSTER pencil sharpeners—F. S. Webster Co., 340 Congregational, Boston, Mass.
WEBSTER steam separators & vacuum heating systems—Warren, Webster & Co., Camden, N. J.
WEBSTER'S marine paint—William E. Williams, 62 Front, New York
WEBSTER MODULATION radiator valves—Warren Webster & Co., Camden, N. J.
WEBSTER NO. 7 radiator traps—Warren Webster & Co., Camden, N. J.
WEBSTER SYLPHON radiator traps—Warren Webster & Co., Camden, N. J.
WEDGE trolley wire clamps—Ohio Brass Co., The, Mansfield, Ohio
WEDGEWOOD gas, coal & wood stoves & ranges—James Graham Mfg. Co., 53 Mission, San Francisco, Cal.
WEDG-WAY cloth laying machines—Shuttle Machine Co., 18 E. 17th, New York

WEEBER automobile mufflers, wheel pullers, shock absorbers, valve removing tools—C. F. Weeber Mfg. Co., Albany, N. Y.
WEED anti-skid chains—American Chain Co., Bridgeport, Conn.
WEEKS fixture clusters—Dale Lighting Fixture Co., 107 W. 13th, New York
WE-FU-GO filtering & purifying systems—Wm. B. Scaife & Sons Co., First Nat'l Bank bldg, Pittsburgh, Pa.
WEHES dust absorbent sweeping compounds—Pioneer Mfg. Co., 3053H E 87th, Cleveland, O.
WEIGHTOMETER automatic weighing conveyor scales—Merrick Scale Mfg. Co., Passaic, N. J.
WEILER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
WEIMER blowing engine cylinders, gas stove burners, rolling mill trucks—Weimer Machine Works Co., Lebanon, Pa.
WEIR pipeless furnaces—Meyer Furnace Co., Peoria, Ill.
WEIS book cases, paper clips, postal scales, wood filing cabinets—Weis Mfg. Co., Monroe, Mich.
WEISS speed indicators—Greene, Tweed & Co., 109 Duane, New York
WEISS steam condensers—Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
WEITMYER smokeless furnaces—Harrisburg Foundry & Machine Works, Harrisburg, Pa.
WELBY SPECIAL valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
WELCO incandescent gas mantles—Welsbach Co., Gloucester City, N. J.
WELCOME toilet soap—Lever Bros. Co., Cambridge, Mass.
WELD hot water regulators—Geo. A. Weld Co., 79 Milk, Boston, Mass.
WELDAY railway braces—Signal Accessories Corp., Utica, N. Y.
WELDCO heaters—Cave Welding & Mfg. Co., Springfield, Mass.
WELDCO steam heaters & welding apparatus—Cave Welding & Mfg. Co., 32 Liberty, Springfield, Mass.
WELDEX tank heaters—Richmond Water Softener Co., Richmond, Ind.
WELDWELL welding compounds—Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
WELLBY special valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
WELLMAN electric car headlights—Dayton Mfg. Co., Dayton, Ohio
WELLMAN melting furnaces, open hearth charging machines—Wellman-Seaver & Morgan Co., Cleveland, Ohio
WELLS electric lighting systems—R. C. Wells Mfg. Co., Fond du Lac, Wis.
WELLS floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
WELLS multiple punching machines—Frank L. Wells Co., Kenosha, Wis.
WELLS emery tool grinders, grinders & lathes tapping machines, pipe cutters, threading dies, vises & die heads—Greenfield Tap & Die Corp'n, Greenfield, Mass.
WELL'S cutters, emery tool grinders, pipe threading dies, vises & wrenches, screw machines & die heads—Greenfield Tap & Die Corp'n, Greenfield, Mass.
WELL'S wood filing cabinets—Jos. S. Caldwell, Syracuse, N. Y.
WELLSTON pig iron blast furnace—Wellston Iron Furnace Co., Jackson, Ohio
WELSBACH incandescent gas mantles & gas lamps—Welsbach Gas Lamp Co., 392 Canal, New York
WELSH tile—Wm. H. Revis, Inc., 140 W. 42d, New York
WELTY fountain pens—Wm. A. Welty, Waterloo, Ia.
WEMAKA inner auto tubes—New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
WENCO fire brick & switches—W. E. Mushet Co., 502 Mission, San Francisco, Cal.
WENDELL centrifugal driers—Link-Belt Company, 300 W. 39th, Chicago, Ill.
WENDOVER silent syphon jet water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
WENSHAW kitchen sinks—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
WENTWORTH saw vises—Sargent & Co., New Haven, Conn.
WENTWORTH saw vises—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
WENTZ thermostats—Thomas Yoder Mfg. Co., Engineers' bldg, Cleveland, Ohio
WENZELMANN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
WENZELMAN portable grain elevator dumps—Wenzelman Mfg. Co., Galesburg, Ill.
WERNER player pianos—M. Schulz Co., 711 Milwaukee av, Chicago, Ill.
WERNICKE flue cutters—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
WERNICK flue cutters—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
WESCO armature coils, insulating compounds, trolley wheels—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
WESCO kalsomine, oil paints—West Coast Kalsomine Co., West Berkeley, Cal.
WESPAC canned goods—West Coast Packing Co., Long Beach, Cal.
WESTCO oil well drilling & fishing tools—Western Rope & Mfg. Co., Tulsa, Okla.
WEST hydraulic tire setters—West Tire Setter Co., Rochester, N. Y.
WESTCOTT chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT meters—Metric Metal Works, Erie, Pa.
WESTCOTT pipe wrenches—Keystone Mfg. Co., Buffalo, N. Y.
WESTCOTT COMBINATION lathe chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT LITTLE GIANT screw machine chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT S adjustable wrenches—Keystone Mfg. Co., Buffalo, N. Y.
WEST END trolley wheels—Albert & J. M. Anderson, Mfg. Co., 289 A, Boston, Mass.
WESTERFIELD gasoline engines—Dice Machine Co., Anderson, Ind.
WESTERN bob sleds, wire stretchers—Western Steel & Iron Works, De Pere, Wis.
WESTERN brake jaws, car doors & fittings, locomotive bell ringers—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
WESTERN clover bunchers, hay windrowers—Walker Mfg. Co., Council Bluffs, Ia.
WESTERN corn shellers, grain cleaning & grading machinery—Union Iron Works, Inc., Decatur, Ill.
WESTERN drag & wheel road scrapers—Western Wheeled Scraper Co., Aurora, Ill.
WESTERN dry batteries—Standard Carbon Co., Los Angeles, Cal.
WESTERN dry kilns, exhaust heads, mechanical dust collectors—J. K. Miller Co., Seattle, Wash.
WESTERN equalizers—Harvey Spring & Forging Co., Racine, Wis.
WESTERN laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
WESTERN lawn mowers—Dille & McGuire Co., Richmond, Ind.
WESTERN liquid polish—Western Robe Mills, 162 N. Desplaines, Chicago, Ill.
WESTERN oil & gas engines—Western Machy. Co., 900 N. Main, Los Angeles, Cal.
WESTERN oxide of iron—Western Oxide & Specialty Co., 2117 S. Jefferson, Chicago, Ill.
WESTERN safety cargo hooks—Thos. Laughlin Co., Portland, Ore.
WESTERN steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
WESTERN sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
WESTERN tubular radiators—Western Radiator Co., 410 N Western av, Chicago, Ill.
WESTERN BELLE riding drills, listers—Moline Plow Co., Moline, Ill.
WESTERN CHIEF blacksmiths' tools—Canedy-Otto Mfg. Co., Chicago Heights, Ill.
WESTERN CHIEF stitched canvas belting—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
WESTERN KING hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
WESTERN SPECIAL threshers—Huber Mfg. Co., Marion, Ohio
WESTERN UNION leather splitting machines—G. W. Baker Machine Co., Wilmington, Del.
WESTERN UNIVERSAL automobile wind shields—Western Mechanical Works, Los Angeles, Cal.
WESTFAHL rasps—Westfahl File Co., 467 31st, Milwaukee, Wis.
WESTFALIA mine rescue apparatus, respirators—S. F. Hayward & Co., 250 W. 54th, New York
WESTFIELD comealongs—Eureka Co., North East, Pa.
WESTFIELD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
WEST HAVEN machinists' scribers & spring leaf openers—West Haven Mfg. Co., West Haven, Conn.
WESTINGHOUSE automatic slack adjusters—American Brake Co., 1932 N. Broadway, St. Louis, Mo.
WESTINGHOUSE clover hullers, threshers, gas engines & pea—Westinghouse Co., Schenectady, N. Y.
WESTINGHOUSE electric interlocking signals—Union Switch & Signal Co., Swissvale, Pa.
WESTINGHOUSE gas meters—Pittsburgh Meter Co., East Pittsburgh, Pa.
WESTINGHOUSE prime movers & auxilliaries, steam turbines, electrical apparatus, arc lamps—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
WESTINGHOUSE valve testing device—Westinghouse Air Brake Co., Pittsburgh, Pa.
WESTLUND friction clutches, cut-off couplings, sash locks, engine & screw cutting lathes—C. G. Westlund Co., 498 Millbury, Worcester, Mass.
WESTMAN gasoline engines—Enterprise Machinery Co., 1600 8th, Minneapolis, Minn.
WESTMARK flue rattlers—Mann-McCann Co., Fisher bldg., Chicago, Ill.
WESTMINSTER paris white—H. F. Taintor Mfg. Co., 2 Rector, New York
WESTMORELAND sight feed lubricators—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
WESTON centrifugal dryers, hydro-extractors—American Tool & Machine Co., 10 High, Boston, Mass.
WESTON chain hoists—Jas. H. Channo Mfg. Co., 227H W Erie, Chicago, Ill.
WESTON chain hoists—Clinton E. Hobbs, 12 Pearl, Boston, Mass.
WESTON linen ledger paper, loose leaf paper—Weston Byron Co., Dalton, Mass.
WESTON ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
WESTON'S ratchet drills—Irving Mfg. & Tool Co., 157 Chambers, New York
WESTOVER draft gauges, combustion indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WESTOWL paper towels—West Disinfecting Co., 411 5th av, New York
WEST'S ENAMEL carriage top dressing—L. M. West's Sons, Rockford, Ill.

WEST SIDE cut-off saws—West Side Iron Works, Grand Rapids, Mich.
WEST TEXAS well drilling machinery—San Antonio Machine & Supply Co., San Antonio, Texas.
WETHRPRUFE cement bags—West Jersey Paper Mfg. Co., Camden, N. J.
WETITE waterproof belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
WETPRUFE belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
WETTING step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
WEW valves, check, cross, gate, relief, regrinding, snifting, & throttle—Wm. E. Williams, 62 Front, New York
WEXFORD motor taping & rubber coated cloth—L. C. Chase & Co., 89 Franklin, Boston, Mass.
WHALE belting—Moloney Belting Co., 130 N. Franklin, Chicago, Ill.
WHALE-BONE-ITE closet seats—Brunswick-Balke-Collender Co., 629 S. Wabash av, Chicago, Ill.
WHALEN planer tools—Cincinnati Planer Co., Cincinnati, Ohio
WHALL'S rail insulating joints—C. H. Whall Co., 170 Summer, Boston, Mass.
WHARTON standard guard rail clamps—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
WHARTON-O'BRIEN headrods, insulated operating & lock rods—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
WHAT CHEER axes, hand saws, hatchets, mining picks—What Cheer Tool Co., What Cheer, Ia.
WHATMAN filter paper—Eimer & Amend, 205 3d av, New York
WHEATCRAFT coffee roasters—Originator Manufacturing Co., 302 Broadway, New York
WHEATLEY belt dressing, carbon removers—Panama Oil & Grease Co., 159 W. 51st, New York
WHEATON wire rope clamps—C. M. Wheaton & Co., Sunbury, Ohio
WHECO drop forgings—Marine Hardware Equipment Co., S. Portland, Me.
WHEELER reflectors, electric lamp hoods, mirror shades—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
WHEELER sidewalk snow plows—Dyar Supply Co., Cambridge, Mass.
WHEELER steam condensers, steam engines, feed water heaters, vacuum pumps—Wheeler Condenser & Engng. Co., W Carteret, N. J.
WHEELER-BALCKE water cooling towers—Wheeler Condenser & Engineering Co., Carteret, N. J.
WHEELER-BARNARD water cooling towers—Wheeler Condenser & Engineering Co., Carteret, N. J.
WHEELER-PRATT water cooling towers—C. H. Wheeler Mfg. Co., Lehigh & N. 18th, Philadelphia, Pa.
WHEELER & WILSON carriage bows—Eureka Bending & Wheel Works, York, Pa.
WHEELER & WILSON carriage bows—Metropolis Bending Co., Metropolis, Ill.
WHEELER'S wood fillers—du Pont E. I. de Nemours & Co., Inc., Paint & Varnish Section, Wilmington, Del.
WHEELING oil cans, stove pipe dampers—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
WHICH WILL WIN plumbers' & miners' candles—Standard Oil Co., of N. Y., 555 W. 25th, New York
WHIPP metal shaping machines—Whipp Machine Tool Co., Sidney, Ohio
WHIRLPOOL basting spoons—Ira F. White & Son Co., Bloomfield, N. J.
WHIRLWIND air tire pumps—Coe-Stapley Mfg. Co., West Haven, Conn.
WHIRLWIND barn door hangers—J. E. Porter Co., Ottawa, Ill.
WHIRLWIND blast anti-clinker irons—Champion Blower & Forge Co., Lancaster, Pa.
WHIRLWIND feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
WHIRLWIND soot blowers—General Specialty Co., Buffalo, N. Y.
WHIRLWIND BLAST anti-clinker irons—Champion Blower & Forge Co., Lancaster, Pa.
WHISLER nut splitters—John Whisler, Gibson, Ia.
WHITAKER door hangers, garden cultivators, grapple forks—Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.
WHITCOMB barn door latches—Albany Hardware Specialty Mfg. Co., Albany, Wis.
WHITCOMB mining drills, lock valves—Geo. D. Whitcomb Co., Rochelle, Ill.
WHITE automobiles & trucks—White Co., 79th & St. Clair, Cleveland, Ohio
WHITE belting—Western Raw Hide & Belting Co., 600 So. Pierce, Milwaukee, Wis.
WHITE gasoline engines—Eau Claire Mfg. Co., Eau Claire, Wis.
WHITE'S CHILLED grub breaking plows—S. R. White's Sons, Norfolk, Va.
WHITE canoes, motor boats—E. M. White & Co., Old Town, Me.
WHITE enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
WHITE mop wringers—White Mop Wringer Co., Fultonville, N. Y.
WHITE paper cutting machines—E. C. Fuller Co., 28 Reade, New York
WHITE paper mill screens—J. & W. Jolly (Inc.), Holyoke, Mass.
WHITE saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
WHITE BEAR hydrated lime—Hannibal Lime Co., Hannibal, Mo.
WHITE BIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
WHITE BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
WHITE CEDAR cylinder churns—Richmond Cedar Works, Fulton, Richmond, Va.
WHITE CEMENT ENAMEL paints—Glidden Varnish Co., Madison av & Berea rd, Cleveland, O.
WHITE CITY ice picks & shavers & savings banks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
WHITE COPAL enamels—Newark Varnish Works, 111 Delancey, Newark, N. J.
WHITE CROSS electric hair dryers, motors, medical batteries, massage vibrators, electric sad irons & electric toasters—Lindstrom-Smith Co., 3212 W Lake, Chicago, Ill.
WHITE CROSS rubber hose—Home Rubber Co., Trenton, N. J.
WHITE CROSS surgical gauze—American Gauze & Cotton Co., Inc., 407 N. 8th, St. Louis, Mo.
WHITE DEER packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
WHITE DIAMOND buffing compositions—Matchless Metal Polish Co., 151 Varick, New York
WHITEDGE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
WHITE enamel rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
WHITE END open hearth steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
WHITEHALL cement—Whitehall Cement Mfg. Co., Cementon, Pa.
"WHITE HAT" fishing tackle—Treman, King & Co., Ithaca, N. Y.
WHITE HEN glass washbards—National Washboard Co., 72 W. Adams, Chicago, Ill.
WHITEHOUSE bread toasters—Roseland Can & Specialty Co., Rockford, Ill.
WHITE HOUSE kitchen cabinets—Cummings Jas. H., 53 W. Jackson blvd, Chicago, Ill.
WHITE KING fire hose—B. F. Goodrich Co., Akron, Ohio
WHITELEY'S CROMON steel castings—Whiteley Malleable Castings Co., Muncie, Ind.
WHITE LIGHT MANTLE kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
WHITE LILY washing machines—White Lily Mfg. Co., Dept. H, Davenport, Ia.
WHITE LILY pork products, hams & butter—Dunlevy Packing Co., Hamilton av & Enterprise, Pittsburgh, Pa.
WHITEMORE'S belt dressing—Plomo Specialty Mfg. Co., Belmont bldg., Cleveland, O.
WHITEMORE'S gear protective composition—Whitemore Mfg. Co., Iron Ct. & Erie Ry., Cleveland, O.
WHITE MOUNTAIN fruit & vegetable parers—Goodell Co., Antrim, N. H.
WHITE MOUNTAIN ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
WHITE OPALITE rolling pins—Imperial Mfg. Co., Cambridge, Ohio
WHITE PYRALIN bath room fixtures & furnishings—Church, C. F. Mfg. Co., Holyoke, Mass.
WHITE ROCK linen ledger paper—W. B. Oglesby Paper Co., Middletown, Ohio
WHITE ROCK wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
WHITE ROSE cold water paints—Columbia Refining
WHITE'S grate bar—Steam Appliance Co., Milwaukee, Wis.
WHITE SEAL canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
WHITE SEAL hydraulic packing—Hewitt Rubber Co., Buffalo, N. Y.
WHITE SEAL oxide of zinc—New Jersey Zinc Co., 160 Front, New York
WHITE SOUTHERN marble—Georgia Marble Co., Tate, Ga.
WHITE SQUADRON packing—Caucos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
WHITE STAR dry batteries—White Star Battery Co., 126 Chambers, New York
WHITE STAR hydrated lime—Louisville Cement Co., 315H Guthrie, Louisville, Ky.
WHITE STAR oil filters—Paul B. Huyette Co., 5H S 18th, Phila., Pa.
WHITE STAR valves—Wm. Powell Co., Cincinnati, Ohio
WHITE STAR white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
WHITE STAR BRAND wipers—Sanitary Bag Co., Kalamazoo, Mich.
WHITE STRIP belting—Chicago Belting Co., 125H Green, Chicago, Ill.
WHITE WAY cast iron columns—Beard Foundry & Machine Works, Arkansas City, Kans.
WHITE WAY washing machines—White Lily Mfg. Co., Dept. H, Davenport, Ia.
WHITFIELD carbon paper—Whitfield Carbon Paper Works, 33 Sullivan, New York
WHITING saw sets—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
WHITIRE automobile tire coating—Sam'l H. French & Co., 4th & Callowhill, Philadelphia, Pa.
WHITLOCK double lap joint pipe—Whitlock Coil Pipe Co., Hartford, Conn.
WHITMAN root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
WHITNEY car wheels—Enterprise Foundry & Machine Works, Bristol, Tenn.
WHITNEY car wheels—Sanford-Day Iron Works, Knoxville, Tenn.
WHITNEY cotton hooks—Sargent & Co., New Haven, Conn.
WHITNEY hand power & portable punches—Whitney Metal Tool Co., Rockford, Ill.
WHITNEY key-seating machines—Whitney Mfg. Co., Hartford, Conn.

WHITNEY lavatories—Crane Co., 836 S Michigan av, Chicago, Ill.
WHITNEY mailing boxes—Jencks Paper Box Co., 45 Waldo, Providence, R. I.
WHITNEY portable punches—Whitney Metal Tool Co., Rockford, Ill.
WHITNEY ratchet drill stock—Pratt & Whitney Co., Hartford, Conn.
WHITNEY traction engines—Ohio Mfg. Co., Upper Sandusky, Ohio
WHITNEY window casement adjusters—H. E. Holbrook Co., 49H Federal, Boston, Mass.
WHITON centering machines, gear cutting machines & lathe chucks—D. E. Whiton Machine Co., New London, Conn.
WHITTIER oven thermometers—Cooper Oven Thermometer Co., Pequabuck, Conn.
WHITTINGHAM quick break tank switch—Automatic Switch Co., 4 White, New York
WHITTINGHAM reversing motor switches—Automatic Switch Co., 4 White, New York
WHITTINGHAM rheostats—D. H. Darrin, 4 White, New York
WHITTINGTON pipe vises—Whittington-Vaughn Co., Easton, Pa.
WHITTLES cloth feeders—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
WHITTON bottle filling machines—U. S. Bottlers' Machy Co., 2511 Park, Chicago, Ill.
WHIZ automobile oil soap, auto top dressing, cutlery polish, lubricating oils & greases, valve grinding compounds—R. M. Hollingshead Co., Camden, N. J.
WHIZ hand soap—Davies, Young Soap Co., Dayton, Ohio
WIARD'S standard washing machines—Wiard Mfg. Co., E. Avon, N. Y.
WICCAPEE rubber belting—New York Rubber Co., 84 Reade, New York
WICHITA motor trucks & farm tractors—Wichita Motors Co., Wichita Falls, Tex.
WICK shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
WICKERSHAM American boiler oil feeders—John M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
WICKES water tube boilers—Wickes Boiler Co., Saginaw, Mich.
WICKS life boat releasing hooks—David Kahnweiler's Sons, 260 Front, New York
WICO gas & gasoline engine igniters—Wico Electric Co., 132H Liberty, Springfield, Mass.
WICO spark coils —. Witherbee Igniting Co., 1904 Broadway, New York
WIDDOWSON stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.
WIDE world barrel spray pumps—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
WIEDEKE flue cutters—Gustav Wiedeke & Co., Dayton, Ohio
WIEDERHOLDT concrete chimneys—Wiederholdt Constr. Co., Bank of Commerce bldg, St. Louis, Mo.
WIES shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
WIG-WAG crossing signals—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
WILBERN barn door hangers—Stowell Co., So. Milwaukee, Wis.
WILBERN ADJUSTABLE barn, car, elevator & fire door hangers—Stowell Co., S. Milwaukee, Wis
WILCO COLORINE for coloring incandescent lamps—Guy V. Williams Co., Inc., 686 11th av, New York
WILCO hardware—Williams Hardware Co., Clarksburg, W. Va.
WILCOX door hangers, manual training benches, sickle grinders, wagon jacks, vises—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILCOX fireproof doors & mouldings—Cal. Fireproof Door Co., 1931 So. Los Angeles, Los Angeles, Cal.
WILCOX gate valves, pipe fittings—Coldwell-Wilcox Co., Newburgh, N. Y.
WILCOX metallic gaskets—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
WILCOX STAY-ON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILCOX-TANDEM barn door hangers—Richard Wilcox Mfg. Co., Aurora, Ill.
WILCOX WORLD WIDE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILD rock & ore crushers, mining screens—Morse Bros., Machy. & Supply Co., Denver, Colo.
WILD DUCK black oil duck—Chandler Oil Cloth & Buckram Co., Taunton, Mass.
WILDE shoveling & end gate boards—Klondike Incubator Co., Des Moines, Ia.
WILDER thermometers—Wilder-Pike Thermometer Co., Troy, N. Y.
WILEY faucet tanks & oil cabinets—New York Oil Cabinet Co., 103 Walker, New York
WILDFIRE airtight stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
WILEY oil cabinets, oil filters, oil tanks—N. Y. Oil Cabinet Co., 103 Walker, New York
WILEY'S WAXENE floor finish—I. H. Wiley Waxene Co., 68 Dover W., Boston, Mass.
WILFLEY ore concentrators & slime tables—Mine & Smelter Supply Co., 42 B'way, New York
WILGUS fuel oil pumping systems, pump governors—Wilgus Mfg. Co., Los Angeles, Cal.
WILHELME range boilers—Hayes Mfg. Co., Paterson, N. J.
WILKE STUDIO china kilns—Lavelle Foundry Co., Anderson, Ind.
WILKINS gauge glass cutters—G. H. Wilkins, 57 W. Lake, Chicago, Ill.
WILKINS joint runners & gauge glass cutters—Leo H. Wilkins Co., 180 N. Market, Chicago, Ill.
WILKINSON SHEFFIELD, ENGLAND, IMP. sheep shears—Wiebusch & Hilger, 106 Lafayette, New York
WILKINSON steam turbines—American & British Mfg. Co., Charles, Providence, R. I.
WILKS hot water heaters—S. Wilks Mfg. Co., 3517 Shields av, Chicago, Ill.
WILLARD storage batteries—Willard Storage Battery Co., E. 31st & St. Clair, Cleveland, Ohio
WILLCOX feed water weighers—Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
WILLETT-BRUCE automatic whistle control—McNab Co., Bridgeport, Conn.
WILLEY brick ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.
WILLEY electric motors, portable electric drills—Jas. Clark, Jr., Electric Co., Louisville, Ky.
WM. BEATTY & SONS broad axes, hedge knives & picks—John B. Black Co., Chester, Pa.
WM. PENN reclaimed rubber—Manufactured Rubber Co., Franklin Bank bldg., Philadelphia, Pa.
WILLIAMS automobile wind shields—Twentieth Century Garage, South Bend, Ind.
WILLIAMS gasoline strainers—D. T. Williams Valve Co., Cincinnati, Ohio
WILLIAMS gauge cocks, pump governors, safety water columns, steam operated traps, water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
WILLIAMS hospital stretchers—Wheeling Tent & Awning Co., Wheeling, W. Va.
WILLIAMS maple sugar evaporators—Vermont Farm Machine Co., Bellows Falls, Vt.
WILLIAMS rivet sets—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
WILLIAMS CANTSLIP horseshoes, removable screw calks—Williams Drop Forging Co., Scranton, Pa.
WILLIAMSON cork screws, champagne taps—C. T. Williamson Wire Novelty Co., Badger av, Newark, N. J.
WILLIAMSON hoisting engines—American Engineering Co., Aramingo & Cumberland, Phila., Pa.
WILLIAMSON steam & water heaters—Williamson Foundry Co., Marburg av, Oakley, Cincinnati, Ohio
WILLIAMSPORT wire rope—Virginian Electric & Machine Works, Charleston, W. Va.
WILLIS planimeters—Jas. L. Robertson & Son, 78 Murray, New York
WILLIS sap spouts—Hunting Co., Watertown, N. Y.
WILLIS ventilators—Willis Mfg. Co., Galesburg, Ill.
WILLIS wattmeters—Federal Electric Co., 640 W. Lake, Chicago, Ill.
WILLMARC coffee hulling machinery—Wm. L. Dines, Jr., Co., Worcester, Mass.
WILLOWARE willow baskets—Burlington Willo-Ware Shops, Burlington, Ia.
WILLS axle gauges—Badger State Machine Co., Janesville, Wis.
WILLSON safety eye protectors for workmen & glasses—Willson Goggle, Inc., Reading, Pa.
WILLSTICK mucilage, photographers' paste—Continental Mfg. Co., 4611 Girard, Phila., Pa.
WILLYS-LIGHT electric light plants—Willys Light Der Electric Auto Lite Corp., Toledo, Ohio
WILMINGTON garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
WILMINGTON leather fleshing & slating machines—G. W. Baker Machine Co., Wilmington, Del.
WILMOT sewing machine oilers—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
WILPACO packing—Crandall Packing Co., Palmyra, N. Y.
WILSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
WILSON belt fasteners—W. O. & M. W. Talcott, 91 Sabin, Providence, R. I.
WILSON bung spouts & fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.
WILSON filters—Norwood Engineering Co., Florence, Mass.
WILSON fishing tackle boxes—Wilson F. Cortez Co., 159 W. Lake, Chicago, Ill.
WILSON motor trucks—J. C. Wilson & Co., 15th & Warren, Detroit, Mich.
WILSON pipe cutting & threading machinery—Universal Machine Co., Bowling Green, Ohio
WILSON portable fire escapes—S. F. Hayward & Co., 250 W. 54th, New York
WILSON railway crossing gates—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
WILSON railway track drills—Buda Co., Railway Exchange bldg., Chicago, Ill.
WILSON rolling doors—J. G. Wilson Corp., 8 W 40th, New York
WILSON rubber tires—Wilson Tire & Rubber Co., Springfield, Ill.
WILSON shaft springs—Robert P. Wilson, 320 Market, Newark, N. J.
WILSON shovels—Wood Shovel & Tool Co., The, Piqua, O.
WILSON shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
WILSON trace carriers—North & Judd Mfg. Co., New Britain, Conn.
WILSON trolley catchers & retrievers—Wilson & Co., 108 N. 6th, Brooklyn, N. Y.
WILSON water filters—E. L. Dean Machine Co., Holyoke, Mass.
WILSON BROS. bobbins & shuttles—Leigh & Butler, 232 Summer, Boston, Mass.
WILTBONCO water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
WILTON lavatories—Crane Co., 836 Michigan av, Chicago, Ill.
WILTON locking cocks—Wilton Mfg. Co., Wrightsville, Pa.

WILWEAR bathroom fixtures—Novelty Mfg. Co., Waterbury, Conn.
WINALL padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
WINCHESTER nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
WINCHESTER rifles, skates, knives, scissors, etc.—Winchester Repeating Arms Co., New Haven, Conn.
WINCROFT gas & coal stoves & ranges—Wincroft Stove Wks., Middletown, Pa.
WINDEJAMMER pumps—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
WINDJAMMER tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
WINDOWPHANIE stained glass substitutes—Windowphanie Co., 19 E. 14th, New York.
WINDSOR drop forged axle clips—Keystone Forging Co., Northumberland, Pa.
WINDSOR fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
WINDSOR rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
WINE freight car appliances—Wine Railway Appliance Co., The, Toledo, Ohio
WINFIELD electric welding machines—Winfield Electric Welding Machine Co., Warren, Ohio
WING turbine blowers—L. J. Wing Mfg. Co., 352 W. 13th, New York
WING HORTON mailing machines—Chauncey Wing's Sons, Greenfield, Mass.
WINGO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
WINIR steel sheet—Canton Sheet Steel Co., Canton, Ohio
WINKLEY oil hole covers & cups, dowel pins—Bowen Corp., Detroit, Mich.
WINN belt dressing, boiler compounds, cold water paints—Wm. R. Winn, 488 Cherry, New York
WINN door holder—B. B. Neal Hardware Co., 117 Leonard, New York
WINNDER currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.
WINNER boiler compound—Winner Co., 30 Church, New York
WINNER clothes lines—Estes Mills, Fall River, Mass.
WINNER clothes washing machines—New Favorite Mfg. Co., 183 W. Maple, Chicago, Ill.
WINNER cordage & twine—American Mills Co., Atlanta, Ga.
WINNER equalizers—Harvey Spring & Forging Co., Racine, Wis.
WINNER feed carriers—Owantonna Mfg. Co., Owantonna, Minn.
WINNER feed cookers—Star Tank Co., Goshen, Ind.
WINNER grain graders—American Grain Separator Co., Minneapolis, Minn.
WINNER lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
WINNER oil—Texas Company, 17 Battery pl, New York
WINNER seats—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
WINNER steam traps—Winner Co., 30 Church, New York
WINONA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.
WINONA farm wagons—Winona Wagon Co., Winona, Minn.
WINSLOW strength computing rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.
WINSLOW strength computing rules—Henry W. Tomlinson, 62 E Van Buren, Chicago, Ill.
WINSTON baths—Crane Co., 836 S Michigan av, Chicago, Ill.
WINSTON-SALEM rural mail boxes—Brickenstein, L. B., Winston-Salem, N. C.
WINTER wagon jacks—Pioneer Pole & Shaft Co., Piqua, Ohio
WINTERS wharf drop gearing—American Engineering Co., Aramingo & Cumberland, Phila., Pa.
WINTHROP stoves—Dighton Foundry Co., Taunton, Mass.
WINZE mine hoists—Wellman-Seaver-Morgan Co., Cleveland, Ohio
WIREDUCT non-metallic flexible conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.
WIRE HOOD saw guards—Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
WIRE LOCK joint poles—Elec. Railway Equipment Co., 2900H Cormany av, Cincinnati, Ohio
WIRELESS rubber vehicle tires—B. F. Goodrich Co., Akron, Ohio
WIRETOP muslin bags—Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
WIRT electric heating pads—Wirt Co., 5221-7 Greene Gtn., Phila., Pa.
WIRT'S fire hose reels—Wirt & Knox Mfg. Co., 23rd & York, Phila., Pa.
WISCO bath fixtures & plumbers' goods—J. B. Wise, Inc., Watertown, N. Y.
WISCONSIN concrete mixers, feed grinding mills, gasoline engine trucks & governor pulleys—Wisconsin Farm Implement Co., Beloit, Wis.
WISCONSIN fire extinguishers—Badger Chemical Mfg. Co., 221 Grant, Milwaukee, Wis.
WISCONSIN gas engines—Lauson-Lawton Co., De Pere, Wis.
WISCONSIN RUBY red granite—Anderson Bros. & Johnson Co., Wausau, Wis.
WISE hot air furnaces—Wise Furnace Co., Akron, Ohio
WISE iceless soda water fountains—Wise Soda Apparatus Co., Bellevue, Ohio
WISE sulphur burners—Carthage Machine Co., Carthage, N. Y.
WISS tinners' snips—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.
WITCH air tight stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
WITCH-ELK baseball & athletic shoes—Witchell-Sheill Co., 168 Brooklyn, Detroit, Mich.
WITHAM screen plate fasteners—Union Screen Plate Co., Fitchburg, Mass.
WITHAN battery charging rheostats—E. Marcuson, 70 Cortland, New York
WITHERBEE storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York
WITROLAC varnish—Harrison's, Inc., 35th & Gray's Ferry rd, Philadelphia, Pa.
WITMER cooking ranges—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
WITTINGHAM motor charging rheostats—Automatic Switch Co., 4 White, New York
WITT'S garbage pails—Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio
WIZARD adjustable wrenches—Clarence E. Wakefield, Worcester, Mass.
WIZARD airtight stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
WIZARD bag cleaning machines—T. G. White, Cedar Rapids, Ia.
WIZARD carbonators—H. G. Saal Co., 1800 Montrose, Chicago, Ill.
WIZARD cigar lighters—Eldred Mfg. Co., 46 W. Kinzie, Chicago, Ill.
WIZARD door hangers—Safety Door Hanger Co., Ashland, Ohio
WIZARD drill chucks, drill speeders, turret tap holders, twist drill collets—McCrosky Reamer Co., Meadville, Pa.
WIZARD dry batteries—Stackpole Carbon Co., St. Marys, Pa.
WIZARD electric bells—Ansonia Electrical Co., Ansonia, Conn.
WIZARD garden cultivator—Empire Plow Co., 3140 E. 65th, Cleveland, O.
WIZARD gas igniters—Hercules Electric Co., Indianapolis, Ind.
WIZARD hickory handles—Hartzell Handle Co., Harvey, Ill.
WIZARD insulating tape, suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
WIZARD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
WIZARD mops—Wizard Products Co., 1444 W. 37th, Chicago, Ill.
WIZARD numbering machines—Bates Mfg. Co., 50 Church, New York
WIZARD pasteurizers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
WIZARD spark plugs—Hampshire Mfg. Co., Hatfield, Mass.
WIZARD wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
WIZZARD seed corn dryers—J. Q. Clarke Tank Co., Crawfordsville, Ind.
WOLHAUPTER shoulder flange flat bottom combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill
WOLF cold tire setters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
WOLF miners' safety lamps—Wolf Safety Lamp Co. of America, 227 Grand av, Brooklyn, N. Y.
WOLF-TYPE miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WOLFRAM high speed steel—Vulcan Crucible Steel Co., Aliquippa, Pa.
WOLF'S head lubricating oils & greases—Wolverine Lubricants Co. of New York, 44 Whitehall, New York
WOLHAUPTER rail joints—Rail Joint Co., 61 B'way, New York
WOLVERINE belt lacing, clutch linings, shims—National Leather Mfg. Co., Niles, Mich.
WOLVERINE cement mfrs.—Wolverine Portland Cement Co., Coldwater, Mich.
WOLVERINE flexible pipe cleaning augers—centrifugal traps, flushing valves, tap plugs—Wolverine Brass Works, Grand Rapids, Mich.
WOLVERINE gas engines—Wolverine Motor Works, Bridgeport, Conn.
WOLVERINE hay presses—Ypsilanti Hay Press Co., Ypsilanti, Mich.
WOLVERINE hog rings—Heesen Bros. Co., Tecumseh, Mich.
WOLVERINE hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
WOLVERINE metallic discs—Strong Machinery & Supply Co., 21 Walker, New York
WOLVERINE motor trucks—American Commercial Car Co., Detroit, Mich.
WOLVERINE show cases—Michigan Show Case Co., 480 Fort W., Detroit, Mich.
WOLVERINE ventilating sash locks & pot cover racks—Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
WOMEN'S FRIEND clothes washing machines—Fosston-Carpenter Co., St. Paul, Minn.
WONDER ash sifters—H. E. Hessler Co., Syracuse, N. Y.
WONDER cement—Harrison Supply Co., 209 Washington, Boston, Mass.
WONDER chain attachments, drills—Grabler Mfg. Co., Cleveland, Ohio
WONDER coal drills, pneumatic rock drills, pneumatic chipping & calking hammers—pneumatic riveters, drill sharpening machines—Hardsocg Wonder Drill Co., Ottumwa, Ia.
WONDER copper floats—American Pin Co., Waterbury, Conn.
WONDER flush plugs—Bryant Electric Co., Bridgeport, Conn.
WONDER grain cleaning machinery—Ghent Mfg. Co., Ghent, Minn.
WONDER lubricators—D. T. Williams Valve Co., Cincinnati, Ohio

WONDER pipe bending machines—American Pipe Bending Mach. Co., 39 Pearl, Boston, Mass.
WONDER stove lids—Standard Utilities Corp., Scranton, Pa.
WONDER tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
WONDER washing machines—Victor Mfg. Co., Leavenworth, Kan.
WONDERFUL garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
WONDERFUL harness awls—C. A. Myers Awl Co., 6316 University av, Chicago, Ill.
WONDERFUL metal polish—Borsum Bros., 227 Fulton, New York
WONDERSEAL roofing cements—Republic Paint & Lead Wks., 5716 Euclid av, Cleveland, Ohio
WONDERTONE talking machines—Wondertone Phonograph Co., 19 W. Jackson blvd, Chicago, Ill.
WONDER TEN concrete mixers—Waterloo Cement Machinery Corp, Waterloo, Ia.
WONDER WORKER belt dressing, carbon removers, carriage top dressing, metal polish, valve grinding compounds—Hall-Thompson Co., Hartford, Conn.
WONT-BURN fry pans—New England Enameling Co., Middletown, Conn.
WONT-MAR floor finish—Wm. Harland & Son, Buffalo, N. Y
WONT ROLL punches & nail sets—West Haven Mfg. Co., West Haven, Conn.
WONT SLIP chair tips, rubber heels—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
WONT-SLIP removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.
WOOD gas producers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
WOOD BROS. traction engines—Wood Bros. Thresher Co., Des Moines, Ia.
WOOD pneumatic hose couplings—Wood Drill Works, Paterson, N. J.
WOOD shovels—Wood Shovel & Tool Co., The, Piqua, O.
WOOD water meter testing machines—A. P. Smith Mfg. Co., E. Orange, N. J.
WOODBERRY MT. VERNON EXTRA cotton duck—Mt. Vernon Woodberry Mills, Inc., Cont. bldg, Baltimore, Md.
WOODBRIDGE screw cutting dies—Pratt & Whitney Co., Hartford, Conn.
WOODBURY GRAY granite—Woodbury Granite Co., Hardwick, Vt.
WOOD CHOKER rat traps—Lovell Mfg. Co., Erie, Pa.
WOODHOUSE fire boat water towers—Woodhouse Mfg. Co., 64 W. Broadway, New York
WOODISON cupola linings—F. J. Woodison Co., 1621 St. Aubin, Detroit, Mich.
WOODLIFE shingle stains—Woodlife Co., 262 Fulton, Brooklyn, N. Y.
WOODMAN saw sets—Kilborn & Bishop Co., 194 Chapel, New Haven, Conn.
WOODMAN & HUDSON'S speed indicators—R. Woodman Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
WOODMANSEE office & library paste, writing inks—F. A. Woodmansee, 117 E. Pearl, Cincinnati, Ohio
WOODPECKER gas engines—Willard Middletown Machine Co., Covington, Ky.
WOODPECKER paint—Ajax Paint Co., Indianapolis, Ind.
WOODRUFF key seating machines—Union Twist Drill Co., Athol, Mass.
WOODS can openers—Ira F. White & Son, Bloomfield, N. J.
WOODS side bearings—Woods, Edwin S., & Co., 332 S. Michigan av, Chicago, Ill.
WOODSLEE drinking fountains—Crane Co., 836 S Michigan av, Chicago, Ill.
WOOD SPECIAL shovels—Wood Shovel & Tool Co., The, Piqua, O.
WOODSTOCK tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.
WOODWARD glass cutters—New England Novelty Works, Hill, N. H.
WOODWARD pig iron—Woodward Iron Co., Woodward, Ala.
WOODWARD truck units—Woodward Truck Attachment Co., Los Angeles, Cal.
WOODWIN electric lamps & lantern flash light—C. D. Wood Electric Co., 441 Broadway, New York
WOODWORTH automobile rugs, belts & tire sleeves—Woodworth Mfg. Co., Starr av., Binghamton, N. Y.
WOODWORTH tire protectors—Leather Tire Goods Co., Niagara Falls, N. Y.
WOOLSEY'S kalsomine—C. A. Woolsey Paint & Color Co., 490 Grand, Jersey City, N. J.
WOOLWORTH shower bath—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
WOOSTER paint brushes—Wooster Brush Co., Wooster, Ohio
WOOSTER potato sprayer pumps—Field Force Pump Co., Elmira, N. Y.
WOOSTER'S belting & belt dressing—Duryea Mfg. Co., Bayonne, N. J.
WORCESTER aluminum cap paper fastener—Pressed Aluminum Co., 3H Cypress., Worcester, Mass.
WORCESTER bird cage hooks—Parker Wire Goods Co., Worcester, Mass.
WORCESTER drill grinders, draughting tables—Washburn Shops, Worcester, Mass.
WORCESTER engine lathes—Worcester Lathe Co., Worcester, Mass.
WORCESTER flour sieves—Wickwire Spencer Steel Corp., Worcester, Mass.
WORCESTER knife switches, light switchboards—Worcester Electric & Mfg. Co., Worcester, Mass.
WORCESTER lawn mowers, grass catchers—Worcester Lawn Mower Co., Worcester, Mass.
WORCESTER locomotive sanders—Sault Mfg. Co., Worcester, Mass.
WORCESTER pipe hangers—Rockwood Sprinkler Co., Worcester, Mass.
WORCESTER steam gong whistles—Union Water Meter Co., Worcester, Mass.
WORCESTER tire vulcanizers—Worcester Mfg. Co., Worcester, Mass.
WORK ORGANIZER desk drawer files, etc.—Work Organizer Specialty Co., 87 Jefferson av, Detroit, Mich.
"WORKRITE" flush, push button switches—Frank W. Morse, 289 Congress, Boston, Mass.
WORKRITE push buttons—Frank W. Morse, 289 Congress, Boston, Mass.
WORKRITE push buttons—S. H. Couch Co., Quincy, Mass.
WORKWELL corn & cob mills—Marseilles Wks. of Deere & Co., East Moline, Ill.
WORLD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.
WORLD carbon lamps—F. J. Rooney Lamp Co., Hoboken, N. J.
WORLD clothes washing machines—C. E. Ross, Lincoln, Ill.
WORLD dynamo & motor generator sets—Bosnier Elec. Co., 81-89 Tenth, Long Island City, N. Y.
WORLD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
WORLD labeling machines—Economic Machinery Co., Worcester, Mass.
WORLD rubber hose—Home Rubber Co., Trenton, N. J.
WORLD soap powders—Beach Soap Co., Lawrence, Mass.
WORLD BEATER carpet beaters—Smith & Phillips Mfg. Co., 1008 W. Madison, Chicago, Ill.
WORLD'S BEST door hangers—Safety Door Hanger Co., Ashland, Ohio
WORLD'S BEST electric sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
WORLD'S CHAMPION tube expanders—Oswego Tool Co., Oswego, N. Y.
WORLD'S FAIR lemon squeezers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
WORM pulp washing machines—Baker Mfg. Co., Saratoga, N. Y.
WORRALL friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
WORRELL'S rotary dryers—S. E. Worrell, Hannibal, Mo.
WORTHINGTON invalid chairs—Colson Co., Elyria, Ohio
WORTHMOWER lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
WORTHY engine lubricators—D. T. Williams Valve Co., Cincinnati, Ohio
WOTTON battery charging rheostats—Electric Products Co., Clarkstone rd, Cleveland, Ohio
WRAPPED DUCK hose—Hewitt Rubber Co., Buffalo, N. Y.
WRAY floor scraping machines—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
WRENN'S BEST enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
WRENN'S RECORD enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
WREN'S mine car tips—Grant Iron Works, Mahanoy City, Pa
WRIGHT chain hoists—Wright Mfg. Co., Lisbon, Ohio
WRIGHT dieing & drilling machines & presses—Henry & Wright Mfg. Co., 760 Windsor, Hartford, Conn.
WRIGHT electric cable hangers—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
WRIGHT mica plugs—New York Mica & Mfg. Co., Auburn, N. Y.
WRIGHT parchment & twine cutters & twine holders—Cutter Mfg. Co., Oront av, Everett Station, Boston, Mass.
WRIGHT roller bearings—Penna. Shafting Co., Spring City, Pa.
WRIGHT safety alarm water columns, strainers & fittings—Wright-Austin Co., 315H Woodbridge W., Detroit, Mich.
WRIGHT truck units—Wright Truck Attachment Co., Seattle, Wash.
WRIGHT demand meters—General Electric Co., Schenectady, N. Y.
WRIGHT RELIABLE gas & gasoline engines—Wright Machine Co., 405 E 2nd, Owensboro, Ky.
WRIGHT'S wall boards—Wright-Barrett & Stilwell Co., St. Paul, Minn.
WRIGHT'S JENNING'S auger bits—Connecticut Valley Mfg. Co., Centerbrook, Conn.
WRIGLEY drain pipe cleaners—Sam'l Lewis, 73 Barclay, New York
WRIGLEY ticket printing presses & toggle bolts—Thos. Wrigley Co., 504 Sherman, Chicago, Ill.
WRITERPRESS duplicators—New Writerpress Co., Shelton, Conn.
W. S. D. grate bars—Thomas Grate Bar Co., Birmingham, Ala.
W.-S.-M. reversing valves, steel plant equipment, coke oven machy., gas producers, ore & coal handling machy., special cranes, mining machy., hydraulic turbines—Wellman-Seaver-Morgan Co., Cleveland, Ohio
WUNDERMOPS polish mops—Samuel Lewis, 73 Barclay, New York
WURKEZE bilge pumps—Thos. Laughlin Co., Portland, Me.
WYANDOTTE cement—Wyandotte Portland Cement Co., Ford bldg., Detroit, Mich.
WYANDOTTE DETERGENT cleaning compounds—J. B. Ford Co., Wyandotte, Mich.

WYANDOTTE metal cleaners—J. B. Ford Co., Wyandotte Co., Wyandotte, Mich.
WYDAWAKE damper regulators—L. J. Wing Mfg. Co., 352 W. 13th, New York
WYDLER bolting cloth—R. J. Howe, 320 Broadway, New York
WYDLER bolting cloth—A. P. Traler, 71 Murray, New York
WYE levels—Geier & Bluhm, Troy, N. Y.
WYE levels—Wm. Ainsworth & Sons, Denver, Colo.
WYE levels—Bausch & Lomb Optical Co., Rochester, N. Y.
WYLIE gas meters—Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
WYDESTEEL filing cabinets—General Fireproofing Co., Youngstown, Ohio
WYOMING curtain releasers, locomotive sanders—Railway & Traction Supply Co., 79 W. Monroe, Chicago, Ill.
WYOMING ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
WYOMING automatic eliminators, piston operated steam traps, weight operated steam traps, & steam separators—W. H. Nicholson & Co., Wilkes-Barre, Pa.
WYPAK yarn packing—Wyoming Yarn Co., Wyoming, R. I.
X adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
X garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
X-CEL-ALL iron & steel filler cements—Shanafelt Mfg. Co., Canton, Ohio
XCELSIOR boiler rivets—Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
X-F Swiss pattern files—Nicholson File Co., Providence, R. I.
X-I-96 boiler injectors—Wm. Powell Co., Cincinnati, Ohio
X, L, conductors' ticket & spring punches—Exell Mfg. Co., New Haven, Conn.
X-L fanning mills—American Grain Separator Co., Minneapolis, Minn.
X-L felt, buffing & polishing wheels—Eastern Felt Co., Canal, Winchester, Mass.
X. L. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
X L metallic shingles—Canton Art Metal Co., Canton, Ohio
X. L. C. R. maple & oak flooring—Osgood & Blodgett Mfg. Co., Duluth av & E. 7th, St. Paul, Minn.
X-L-C-R window cleaners—Standard Cleaner Co., 136 W. Lake, Chicago, Ill.
X. L. N. C. belt dressing, harness oils & water proofing—Commercial Chemical Co., 212 Essex, Boston, Mass.
XLENT metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
XL 96 boiler injectors—Peneberthy Injector Co., 346 Holden av, Detroit, Mich.
XLNT padlocks—Slaymaker Lock Co., Lancaster, Pa.
X. L. 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
XMPLR padlocks—Slaymaker Lock Co., Lancaster, Pa.
XMPLR 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
XPDITE permissible explosive—Hercules Powder Co., Wilmington, Del.
X-ALL ball bearings—Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio
X-RAY hot water radiators—H. B. Smith Co., Westfield, Mass.
X-RAY induction coils—E. S. Ritchie & Sons, Brookline, Mass.
X-RAY lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
X-RAY red rubber packing—Schultz Patent Rubber Co., 52 N. 13th, Phila., Pa.
X-RAY spark coils—Pfanstiehl Co., North Chicago, Ill.
X-RAY steam & hot water heaters—Samuel Sloan & Co., Rochester, N. Y.
XTEND-A-FORD truck units — Hayes-Diefenderfer Co., 1876 B'way, New York
XX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XX hoist, loading & steam shovel chains—U. S. Chain & Forging Co., Union Arcade, Pittsburgh, Pa.
X. X. lawn mowers—Philadelphia Lawn Mower Co., 3101 Chestnut, Philadelphia, Pa.
XX spark plug wrenches—Chas. Miller, Syracuse, N. Y.
XX step ladders—Belt Rung Ladder Co., Indiana, Pa.
XXTH CENTURY hot air furnaces—XXth Century Heating & Ventilating Co., Akron, Ohio
XX CENTURY oil extractors, damper regulators, exhaust heads, pump governors, steam separators, steam traps, valves—Atwood & Morrill, 48 Loring av, Salem, Mass.
XX CENTURY water coolers—Cordley & Hayes, 7 Leonard, New York
XX EXTRA fire hose—Empire Tire & Rubber Corp., Trenton, N. J.
XX oxide of zinc—New Jersey Zinc Co., 160 Front, New York
XXCY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
XXX can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
XXX electric bells—P. R. Mfg. Co., Detroit, Mich.
XXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XXX safety valves—J. E. Lonegran Co., 211 Race, Philadelphia, Pa.
XXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XXXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XYLOFORM paint, waterproof glue—Nash Engineering Co., South Norwalk, Conn.
XYNO artificial stone laundry tubs, refrigerator linings, stone burial cases & vaults, stone sanitary flooring, water closet tanks—Mineral Products Co., Rhinelander, Wis.
X YNO humidifying apparatus—Mineral Products Co., Rhinelander, Wis.
XYNO refrigerators—Rhinelander Refrigerator Co., Rhinelander, Wis.
XYZ padlocks—Slaymaker Lock Co., Lancaster, Pa.
Y blow-off valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Y brass ingots—Geo. S. Youngs, Bridgeport, Conn.
Y engines—Fairbanks, Morse & Co., 920 S. Wabash av, Chicago, Ill.
Y. B. wood-stains—Yarnall Paint Co., 1026 Race Phila., Pa.
Y Co. traps—Jos. H. Young Co., 82 High, Boston, Mass.
YYY safety valves—J. E. Lonegran Co., 211 Race, Phila., Pa.
Y. & E. fishing reels—Horrocks-Ibbotson Co., Utica, N. Y.
YACHT-AUTO bleached waste—Estes Mills, Fall River, Mass.
YAGER'S soldering flax—Alexander R. Benson Co., Hudson, N. Y.
YALA rachet wrenches—Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.
YALE air compressors—Superior Machine & Engineering Co., 51 Fort, E. Detroit, Mich.
YALE bicycles—Davis Sewing Machine Co., Dayton, Ohio
YALE hardware specialties—Yale & Towne Mfg. Co., Stamford, Conn.
YALE hose—Empire Tire & Rubber Corp., Trenton, N. J.
YALE lawn mowers—American Lawn Mower Co., Muncie, Ind.
YALE medicinal atomizers & hypodermic needles—Becton, Dickinson & Co., Rutherford, N. J.
YALE rubber belting, steam hose, water hose, hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
YALE rubber tires & inner tubes—Yale Tire & Rubber Co., New Haven, Conn.
YALE stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
YANKEE automobile mufflers—Yankee Co., Utica, N. Y.
YANKEE automobile mufflers & barrel spray pumps—D. B. Smith & Co., Utica, N. Y.
YANKEE babbitt metal—Lumen Bearing Co., 200 Lathrop, Buffalo, N. Y.
YANKEE can openers—Taylor Mfg. Co., Hartford, Conn.
YANKEE cold water paste—National Gum & Mica Co., 59th & 11th av, New York
YANKEE corn hooks—American Fork & Hoe Co., Swetland bldg., Cleveland, O.
YANKEE disc harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
YANKEE drills, drill chucks, screw drivers, vises, tap wrenches—North Bros. Mfg. Co., Lehigh & American, Phila., Pa.
YANKEE electric lamp flashlights—Strobel & Wilkens Co., 61 W. 23rd, New York
YANKEE calipers & dividers—L. S. Starrett Co. (The), Athol, Mass.
YANKEE feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
YANKEE fly swatters—U. S. Wire Mat Co., Decatur, Ill.
YANKEE garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
YANKEE lawn sprinklers—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
YANKEE gas & oil stove ovens—Connolly Mfg. Co., 123 Liberty, New York
YANKEE harness snaps—Covert Mfg. Co., Troy, N. Y.
YANKEE ice shavers—Gilchrist Co., 236 Bank, Newark, N. J.
YANKEE lawn mowers—Blair Mfg. Co., Springfield, Mass.
YANKEE levels—Frost & Adams Co., 25-29 Arch, Boston, Mass.
YANKEE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
YANKEE pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
YANKEE screw sticks—Chandler & Price Co., 6000 Carnegie av, Cleveland, O.
YANKEE screw sticks—Chandler & Price Co., Cleveland, Ohio
YANKEE side, tail & parking oil auto lamps—American Auto Lamp Co., 20 Desbrosses, New York
YANKEE soldering salts—C. W. Leveridge, 133 Liberty, New York
YANKEE stove pipe dampers—Detroit Register Co., 88 E. Jefferson av, Detroit, Mich.
YANKEE tack claws & pullers, wire pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
YANKEE tire pump—Apex Elec. Mfg. Co., 1410 W. 59th, Chicago, Ill.
YANKEE tissue paper machy., Beloit Iron Works, Beloit, Wis.
YANKEE wall plugs—Merwin Mfg. Co., Erie, Pa.
YANKEE FLYER hand cars—E. U. Scoville Co., Manlius, N. Y.
YANKEE-TOOTHED concrete shovels—B. B. Neal Hardware Co., 117 Leonard, New York
YARWAY pipe clamps, seatless valves—Yarnall-Waring Co., Chestnut Hill, Phila., Pa.
YARYAN multiple effects evaporators, distilling apparatus—Chas. Ordway, 25 Church, New York

YATES net locks—Alden Speare's Sons Co., Cambridge, Mass.
YEAKLEY vacuum hammers—Williams, White & Co., Moline, Ill.
YELLOW END open hearth steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
YELLOW FELLOW pea hullers, threshers—Avery Co., Peoria, Ill.
YELLOW JACKET sprayer pumps & potato sprayers —Field Force Pump Co., Elmira, N. Y.
YELLOW KID paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.
YE-OLDE-HOMESTEAD furniture polish—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
YEOMANS bilge pumps, sewage disposal plants—Yeomans Bros. Co., 1436 Dayton, Chicago, Ill.
YERDON cast brass hose bands—Wm. Yerdon, Port Plain, N. Y.
YORK corn planters & grain drills—Hench & Dromgold Co., York, Pa.
YORK coal & gas engines, gasoline traction engines, pumping jacks—Flinchbaugh Mfg. Co., Greencastle, Pa.
YORK gas ranges, water heaters—Abendroth Bros., Port Chester, N. Y.
YORK padlocks—Slaymaker Lock Co., Lancaster, Pa.
YORK GEM water heaters—Abendroth Bros., Port Chester, N. Y.
YORK PRODUCTS—York Metal & Alloy Co., York, Pa.
YORKLYNN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
YORKTOWN HEIGHTS lime—Palmer Lime & Cement Co., 103 Park av, New York
YOST typewriters—Union Typewriter Co., Bridgeport, Conn.
YOST vises, gas soldering furnaces—Yost Mfg. Co., Meadville, Pa.
YOUGH silicia brick—Ker Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
YOUGH steam pumps—Boyts Porter & Co., Connellsville, Pa.
YOUKIN oils—Frank L. Young Co., 111 Purchase, Boston, Mass.
YOUNG canopy insulators—Mica Insulator Co., 68 Church, New York
YOUNG FOUNTAIN lawn sprinklers—Spray Engng. Co., 93 Federal, Boston, Mass.
YOUNG gear cutting attachments—Mafreto Machine & Tool Co., Worcester, Mass.
YOUNG rain water cut-offs—Young Mfg. Co., Bellevue, Ia.
YOUNG water closet bends—Park & McKay, 55 Bagley av, Detroit, Mich.
YOUNG GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
YOUNG GIANT fire pumps—Hale Fire Pump Co., Conshohocken, Pa.
YOUNGSTOWN iron & steel pipe, corrugated iron & steel, merchant bars, iron & steel sheets, plates, wire hoops & nails, woven wire fences—Youngstown Sheet & Tube Co., Youngstown, Ohio
YOUNGSTOWN expanded metal, lath & metal studs—Youngstown Pressed Steel Co., Warren, Ohio
YOUNGSTOWN BUCKEYE conductors & conduits—Youngstown Sheet & Tube Co., Youngstown, O.
YOUNGSTOWN COPPEROID steel sheets—Youngstown Sheet & Tube Co., Youngstown, O.
YOUREX—Associated Silver Co., 5 S. Wabash av, Chicago, Ill.
YPSILANTI vegetable cutters—O. E. Thompson & Sons, Ypsilanti, Mich.
YULE BOX stoves—B. C. Bibb Stove Co., 109 Light, Baltimore, Md.
YUKON extension clothing carriers—Knape & Vogt Mfg. Co., Grand Rapids, Mich.
YUNCK store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
Z engines & wood sawing machines—Fairbanks, Morse & Co., 900 S. Wabash av., Chicago, Ill.
Z insulating tape—Revere Rubber Co., Chelsea, Mass.
ZACO lacquer—M. L. Barrett & Co., 233H W. Lake, Chicago, Ill.
ZANZIBAR writing fluid—B. Heller & Co., 3925 Calumet av, Chicago, Ill.
ZANZIBOLO floor finish—B. Binswanger & Co., 329 N. 3rd, Philadelphia, Pa.
ZAPON enamels & bronzing liquids, lacquer—Celluloid Zapon Co., 200 5th av, New York
See adv. index, end of book
ZAPON leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
ZAREMBA multiple effects evaporators—Zaremba Co., Niagara Life bldg, Buffalo, N. Y.
ZAREX roofing—Flintkote Co., 88 Pearl, Boston, Mass.
ZASTROW canning factory cranes—Geo. W. Zastrow, 1410 Thames, Baltimore, Md.
ZAUBITZ oven thermometers, revolution counters—August Zaubitz, 95 Cliff, New York
ZANGER bits—Lebanon Machine Co., Lebanon, N. H.
ZECHER foundry cupolas—Barry & Zecher Co., Lancaster, Pa.
ZEE metal lath—Youngstown Pressed Steel Co., Warren, O.
ZEE-ZEE rubber tire—Zee-Zee Tire & Rubber Co., 3301 Walnut, Philadelphia, Pa.
ZEIGLER steam condensers—Vertical Condenser Co., Gerke bldg., Cincinnati, Ohio
ZEISER curb forms—Zeiser Bros., Berwick, Pa.
ZEISS refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.
ZELCO tuyere cocks & unions—Lawrenceville Bronze Co., Bessemer bldg., Pittsburgh, Pa.
ZELNICKER car movers, fire buckets, rail benders, wood handles, car & switch locks—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.
ZELNICKER crayons—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.
ZELNICKER-EVER-TYTE piston rings—Ever-Tyte Piston Ring Div., Walter A. Zelnicker Supply Co., 1600 Kingsland av, St. Louis, Mo.
ZENA flap packing—Randolph Brandt, 70 Cortlandt, New York
ZENITH pig iron—Zenith Furnace Co., Duluth, Minn.
ZENITH carbonating powders—Church & Dwight Co., 27 Cedar, New York
ZENITH cement & wood fibre plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ZENITH electric desk lights—J. H. White Mfg. Co., 111 N. 3rd, Brooklyn, N. Y.
ZENITH hame chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
ZENITH lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
ZENITH lawn sprinklers—W. Dallent Mfg. Co., 566 W. Lake, Chicago, Ill.
ZENITH oil—Texas Company, 17 Battery pl, New York
ZENITH steam heaters—Coatesville Boiler Works, Coatesville, Pa.
ZENO wire connectors—Fort Dearborn Mfg. Co., Sterling, Ill.
ZENOBIA chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ZEPHYR carbureters—P. R. Mfg. Co., 621-59 Bellevue av, Detroit, Mich.
ZEPHYR fishing reels—General Phonograph Co., 25 W. 45th, New York
ZEPHYR lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
ZERO electric illuminated signs—Marx Zero Sign Works, 126 N. Peoria, Chicago, Ill.
ZERO lubricating oils—Zero Oil Co., Parkersburg, W. Va.
ZERO lubricators—Detroit Lubricator Co., Detroit, Mich.
ZERO refrigerators—Heinz & Munschauer, Buffalo, N. Y.
ZERO stove lid lifters—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
ZERO stove lid lifters, stove door knobs, stove pokers, stove trimmings, valve wire wheels—E. Lynd Mfg. Co., Mechanicsville, N. Y.
ZETROC oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
ZEUS arc welders—Gibbs Instrument Co., Highland bldg, Pittsburgh, Pa.
Z-RO hot air furnaces—Oakland Foundry Co., Belleville, Ill.
ZIEGLER electric mine signals, railway crossing signals—United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
ZIERMORE feed water regulators, gas pressure regulators, fan engine regulators—Ziermore Regulator Co., Johnsonburg, Pa.
ZIG ZAG rules—Stanley Rule & Level Co., New Britain, Conn.
ZIG ZAG safety razor blade strops—Zig Zag Sales Co., 217 Grand av, Chicago, Ill.
ZIMMERMAN fruit evaporators—Blymeyer Iron Works Co., Cincinnati, Ohio
ZIMMERMAN patent iron base post caps—S. Cheney & Son, Manlius, N. Y.
ZIMMERMAN pitless, wagon & stock scales—Zimmerman Steel Co., Bettendorf, Ia.
ZIMMERMAN MONARCH steel stump pullers—Zimmerman Steel Co., Bettendorf, Ia.
ZINC CITY glazier's points—W. H. Maze Co., Peru, Ill.
ZINKOTE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.
ZINNIS wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.
ZIP cigar cutter—Dean & Williams Co., 4317 Elston av, Chicago, Ill.
ZIP paint & varnish remover—Jas. H. Prince Paint Co., 5 Lancaster, Boston, Mass.
ZONE metal polish—Providence Oil Co., 10 Dorrance, Wharf, Providence, R. I.
ZOROZO grease—F. S. Walton Co., Orthodox & Delaware, Philadelphia, Pa.
ZUBIAN sealing wax—Dicks-Pontius Co., Dayton, Ohio
ZUG pig iron—Detroit Iron & Steel Co., Zug Island, Delray
ZULITE black paint—Bay Way Chemical Co., Elizabeth, N. J.
ZURN'S axle grease—O. F. Zurn Co., Broad & Le-
ZYMOLITE paint & varnish remover—Emil Calman & Co., 100 William, N. Y
ZYRO silos—Canton Culvert & Silo Co., Canton, Ohio

ALPHABETICAL SECTION

Contains the names of all firms and individuals appearing in the "Classified Trades Section" arranged alphabetically with particulars of their main industry.

The address of the head office or works only is given; branch office and works addresses will be found among the various classified lists.

While every effort has been made to insure the correctness of the information appearing herein, no responsibility can be assumed for any errors or omissions.

The publishers will be pleased to receive any information or suggestions which would add to the value of this section.

A-1 Mfg. Co., metal polish & hand soap, Front & Wharton, Phila., Pa.
A-1 Metallic Products Co., stamping, sheet metal, 711 Canal rd, Cleveland, O.
A-A Elec. Mfg. Co., ground connection clamps, 803 Center, Bridgeport, Conn.
A. & A. Rubber Co., rubber heels, Framingham, Mass.
A. A. Wire Co., insulated wire, 48 Nesbitt, Newark, N. J.
A. A. A. Spooling & Winding Co., fish line mfrs., Auburn, R. I.
A-Z Co. See Austed Co. (successors)
Aaball Mfg. Co., air & radiator valves, 815 Larabee, Chicago, Ill.
Aalbu Bros., mchsts. & fndrs., Everett, Wash.
Aaron Bros., flour mills, Martinsville, Va.
Aaron Elec. Co., generators, 15 S. Clinton, Chicago, Ill.
Aarens, Harry B., architect, 3145 Edgewood av, Chicago, Ill.
Abacus Constr. Co., Atlantic City, N. J.
Abadie, E. H., bldg. contr., Victoria bldg, St. Louis, Mo.
Abbaduska, E. T., masons' & bldrs. matls., Waldron, Mich.
Abbe, Paul O., Inc., crushing, grinding & pulverising mills, etc., 924 Johnston bldg, New York
See adv index at end of book
Abbe Engineering Co., ball & pebble mills, pulverizing machinery, 50 G Church, New York. *See adv at end of book*
Abbe Hardware Co., New Britain, Conn.
Abbeville Cotton Mill, cotton sheetings, Abbeville, S. C.
Abbey Effervescent Salt Co., 1382 B'way, New York
Abbey & Imbrie, fishing tackle mfrs., 15 Warren, New York.
Abbey, W. B., masons' & bldrs. matls., Essex Bldg., Newark, N. J.
Abbot Cornice Works, 6022 Wentworth av, Chicago, Ill.
Abbot Truck & Body, Concord, N. H.
Abbot Sheet Metal Wks., cornices, 816 S. Wabash av, Chicago, Ill.
Abbott, A. H., & Co., archts. & engrs. instruments & supplies, 208 S. Wabash av, Chicago, Ill.
ABBOTT BALL CO., bearing balls, steel, brass & bronze balls, burnishing balls, burnishing & tumbling barrels, burnishing & polishing machines, Elmwood Station, Hartford, Conn. *See adv index at end of book*
Abbott Bros., pckg. box mfrs., Springfield, Ill.
Abbott, C. T., mchsts. & fndrs., Woodstock, Ill.
Abbott, Chas. F., contractor, Oakville, Conn.
Abbott Coin Counter Co., 106 6th av, New York.
Abbott-Converse Co., high temperature cements, P. O. Box 1740H, Houston, Texas
Abbott & Co., mchsts. & fndrs., Hudson, Mich.
Abbott-Downing Truck & Body Co., automobiles, Concord, N. H.
Abbott, D. S., Co., see Abbott Mach. Co. (successor.)
Abbott, E. A., contractor, 185 Devonshire, Boston, Mass.
Abbott, E. T., Constr. Co., 1135 B'way, New York.
Abbott, Frank, architect, 140 E 39th, New York
Abbott, Frank B., architect, 140 S Dearborn, Chicago, Ill.
Abbott, Frank I., lbr., 2201 Loomis, Chicago, Ill.
Abbott Hdwe Co., 636 Columbus av, New York, & Los Angeles, Cal.
Abbott, John C., contractor, Plainfield, N. J.
Abbott, Jno. G. (est. of), children's cradles, mattresses, etc., Antrim, N. H.
Abbott, Johnson R., mach. & fdr., Greenfield, Ind.
Abbott Laboratories, chemicals, 4753 Ravenswood av, Chicago, Ill.
Abbott Machine Co., mill machy., Olean, N. Y.
See adv index at end of book
Abbott Mfg. Co., hangers, 4714 Central av, S E, Cleveland, Ohio.
Abbott Packing & Ice Co., meat packers, Carnegie, Pa.
Abbott Piano Action Co., Fort Lee, N. J.
Abbott, S. B., agricultural implements, Goshen, Ind.
Abbott, Sam'l, arc lamp pulleys, Cleveland, Ohio.
Abbott & Son, whe. hdwe., Marshalltown, Ia.
Abbott, W. H., mchsts. & fndrs., Hudson, Mich.
Abbott, W. H., signs, name plates, 46 Greenwich av, New York
Abbott, W. H., soap, fertilizer, Holyoke, Mass.
Abbott, Wm. G., ship bldrs., Milford, Del.
Abbott's, M., Sons, heating contrs., cornices, 137 8th av, New York.
A. B. & B. Specialty Co., brewers & maltsters & shavings washing machy., 3300 Fond du Lac av, Milwaukee, Wis.
A. B. C. Generator Co., automobile starters, 1107 S. Hill, Los Angeles, Cal.
A. B. C. Mfg. Co., camp furn., Kansas City, Mo.
A. B. C. Starter Co., 33 Woodbridge, Detroit, Mich.
Abeel, Addison J., bristles, 181 Pearl, New York.
Abel, A. F., contractor, 1 Wood, Ptg., Pa.
Abel & Bach Co., trunks, traveling bags, etc., Milwaukee, Wis.
Abel Bros., contractors, Am. Central Life Bldg., Indianapolis, Ind.
Abel Lime & Cement Co., Davenport, Ia.
Abel, T. W., mchsts., Fond du Lac, Wis.
Abel, Victor D, architect, 17th & Walnut, Phila., Pa.
Abel, W. A. Co., sporting gds., Syracuse, N. Y.
Abeles, Chas. T. & Co., glass, lumber, etc., Little Rock, Ark.
Abeles & Taussig, ties, poles, Commercial Bldg., St. Louis, Mo.
Abell Elev. Co., 114 N. 8th, Louisville, Ky.
Abell-Howe Co., high speed chains, 322 S. Michigan av, Chicago, Ill.
Abelson, A., scrap iron, Altoona, Pa.
Abenaqus Mach. Wks., Westminster Station, Vt.
Abendroth Bros., mchsts. & fndrs., Port Chester, N. Y.
Abendroth, G. Irving, Co., steel stacks, tanks, pumps, etc., 10 E. 43d, New York.
Abendroth & Root Mfg. Co., boilers & pipes, Newburgh, N. Y.
See adv. index at end of book.
Abercrombie, David T., Co., camp furniture, 17 Warren, New York.
Abercrombie & Fitch Co., motor boat bldrs.; gun holsters; buckets, Madison av & 45th, New York.
Abercrombie Stone Co., St. Joseph, Mo.
Aberdeen Granite Wks., West Quincy, Quincy, Mass.
Aberdeen Lumber & Shingle Co., Aberdeen, Wash.
Aberdeen Mill Co., flour, Aberdeen, S. D.
Abernathy Furn Co., Dept. H, Kansas City, Mo.
Abernethy, John F., lead linings for tanks, kettles, vats, etc., 708 Myrtle av, B'klyn, N. Y.
Abernathy Vise & Tool Co., 227 Englewood av, Chicago, Ill.
Aberogwen Mont'l Wks., Quincy, Mass.
Abertham Con't Co., West End Trust bldg, Phila., Pa.
Aberthaw Cons. Co., contrg. engrs., 27 School, Boston, Mass.
A. B. Fireproofing Co., 64 W. Randolph, Chicago, Ill.
Abingdon Cement Tile Wks., Abingdon, Ill.
Abingdon Milling Co., flour, Abingdon, Va.
Abingdon Paving Brick & Tile Co., Abingdon, Ill.
Abingdon Sanitary Mfg. Co., plumbers' sanitary earthenware, Abingdon, Ill.
Abingdon Trap Co., Abingdon, Ill.
Abingdon Wagon Co., Abingdon, Ill.
Able Bag & Burlap Co., 1214 Blue Island av, Chicago, Ill.
Able Mfg. Co., auto locks, 731 Folsom, San Francisco, Cal.
Abner Mfg. Co., gas machines, Wapakoneta, Ohio.
Aborn Steel Co., 22 Clarke, N. Y.
A. B. Polish Co., metal, furniture & stove polishes, 1515 Haddon av, Chicago, Ill.
Abrahams, Nathan, architect, 721 Olive, St. Louis, Mo.
Abraham, S. F. & Dixon Wood, architects, Kresge bldg, Detroit, Mich.
Abrahamson Brick Co., Seattle, Wash.
Abrahms, F. M., architect, Rockville Center, N. Y.
Abram Cement Tool Co., Marquette bldg, Detroit, Mich.
Abrames, Harvey, architect, Arcade Bldg., Norfolk, Va.
Abramowitz, Chas. H., architect, 42 Church, New Haven, Conn.
Abramovitz & Schwartz, trunk mfrs., 195 Wooster, New York.
Abrams Flooring Co., hardwood flooring, Buffalo, N. Y.
Abrams Furn. Co., Dept. H, Ennis, Tex.
Abrams Truck Co., 1234 W Chicago av, Chicago, Ill.
Abrams-Orton Mfg. Co., gas furnaces and burners, Wadsworth, O.
Abrams Paint & Glass Co., see Rubens Paint & Glass Co., Inc. (successors.)
Abramsen Engineering Co., rolling mill machinery, Union Bank Bldg, Pittsburgh, Pa.
Abramson, Louis A., architect, 46 W 46th, New York.
Abrasive Co., emery & corundum wheel mfrs., James & Fraley, Philadelphia, Pa.
Abrasive Material Co., grinding wheels, Bridesburg, Pa.
Abrasive Machine Co., whol. hdwe., 2211 Prospect, Newark, N. J.
Abrasive Mach. Tool Co., surface grinders, East Providence, R. I.
Abrasive Mining & Mfg. Co., corundum & emery mfrs., Plymouth, Ind.
Abresch, Chas., Co., wagons—brewers', bldrs, dairy, etc., 398 4th, Milwaukee, Wis.
Abrew, John L., masons' & bldrs. matls., Islip, N. Y.
Abronski Bros., cornices, 1615 Stiles, Philadelphia, Pa.
A. B. SEE ELECTRIC ELEVATOR CO. See A. B. Electric Elevator Co., 220 Broadway, New York
Absley Lbr. Mfg. Co., Scranton, Pa.
A. B. Stove Co., Battle Creek, Mich.
Abt, L., cornices, 2651 W. 12th, Chicago, Ill.
Abt, Ludwig, architect, Moberly, Mo.
Acadia Iron Works, Ltd., Crowley, La.
Acar Mfg. Co., railroad equipment, second hand, 30 Church, New York.
Acason Motor Truck Co., 431 Brooklyn, Detroit, Mich.
Accessible Press Co., woodworking mach., 5622 Dibble av, Cleveland, O.
Accesso Mfg. Co., auto accessories, 99H State, Boston, Mass.
Accident Cabinet Co., medicine cabinets, Kalamazoo, Mich.
Accidental Oil Mills, Belton, Texas
Accurate Engineering Co., 5401 Western av, Chicago, Ill.
Accurate Engineering Co., machinists, 150 E 4th, Plainfield, N. J.
Accurate Mach. Co., E 134th & Coit rd, Cleveland, Ohio
Accurate Measure Mfg. Co., advtg. tape, 25 Madison av, New York.

Acer & Whedon, sheet metal stamping, Medina, N. Y.
Acetylene Journal Pubg. Co., trade publications, 122 S. Michigan av, Chicago, Ill.
Acetylene Stove Mfg. Co., 1265 W 2nd, Cleveland, O.
Ach, Abraham & Son, tin plate, metals, etc., Dayton, Ohio.
Ach, David M., architect, 1 Madison av, New York.
Acheson Fdry. & Mach. Wks., Chattanooga, Tenn.
Acheson Graphite Co., pine joint compounds, Niagara Falls, N. Y.
Acheson Ink Co., printing ink mfrs., Niagara Falls, N. Y.
Acheson Mfg. Co., mfrs. of plumbers supplies, Rankin, Pa.
See adv index at end of book
Acheson Oildag Co., cutting compounds, Niagara Falls, N. Y.; and lub. oils, Port Huron, Mich.
Achey, Benj., masons' & bldrs. matls., Quakertown, Pa.
Achming, Chas. J., who. hdwe., Lawrence, Kans.
Acid Proof Clay Products Co., Akron, Ohio
Acid Proof Iron Prod. Co., acid resisting castings, 49 Herman, Newark, N. J.
Acieral Co. of America, alum. alloys, 26 Cortlandt, New York.
Acker, E. Augustus, architect, 686 Academy, New York
Acker, J. Fred, contractor, Glens Falls, N. Y.
Ackerly, Paul, cotton twine, Vernon, Conn.
Ackerman, Christ, & Sons, contrs., Sheboygan, Wis.
Ackerman, Frederick L., architect, 25 W. 44th, New York
Ackerman, Geo. & Sons Co., metal signs, Cincinnati, O.
Ackerman, Hy. I., brick, Morton, Pa.
Ackerman, Hy., Piano Co., Marion, Ohio.
Ackerman, H. R., Co., Inc., aniline color & dyestuffs, 65 Fulton, New York.
Ackerman & Johnson, slaters' tools, Bangor, Pa.
Ackerman-Johnson Co., expansion bolts, 625 W. Jackson Bl., Chicago, Ill.
Ackerman, Newton, architect, Eureka, Cal.
Ackerman Telephone Co., 631 W. Jackson, Chicago, Ill.
Ackerman Wheel Co., Rockefeller Bldg., Cleveland, O.
Ackerson, umbrella handles and sticks, 10 E. 15th, New York.
Ackley Brake & Supply Corp., 50 Church, New York.
Ackley & Brink Mfg. Co., belt dressing, etc., 123 E. Canal, Cincinnati, O.
Ackley & Luff, contractors, Ellensburg, Wash.
ACKLIN (THE) STAMPING CO., 1659 Dorr, Toledo, Ohio.
See adv. index at end of book.
Ackroyd & Best (Ltd.), miners' safety lamps, Arrott Power Bldg., Pittsburgh, Pa.
Ackroyd, Jas., & Sons, cornices and skylights, Albany, N. Y.
Acme Asbestos Covering & Supply Co., 234 N Elizabeth, Chicago, Ill. *See adv index at end of book*
Acme Barrel Co., 2235 W. Grand av, Chicago, Ill.
Acme Bedding Co., mattresses, 1511 Bates, Indianapolis, Ind.
Acme Belting Co., mfrs., Niles, Mich.
Acme Blue Print Paper Co., blue prints, 115 S. Dearborn, Chicago, Ill. *See adv index at end of book*
Acme Boiler & Tank Co., boilers & tanks, 48th & Morgan, Chicago, Ill.
Acme Box Co., 1401 W. 21st pl, Chicago, Ill.
Acme Box Co., Omaha, Neb.
Acme Box & Lumber Co., packing box, 3471 E. 49th, Cleveland, O.
Acme Brass Fdry Co. See Magnis Co. Inc (successor),
Acme Brass Wks., 147 Baxter, New York.
Acme Brick Co., shale face brick, Cayuga, Ind.
Acme Brick Co., 2320 S. Crawford av, Chicago, Ill.
Acme Brick Co., Fort Worth, Tex.
Acme Brick Co., Marietta, O.
Acme Brick Co., Milwaukee, Wis.
Acme Building Supply Co., lbr, Meridian, Miss.
Acme Canning Co., Midway, Tenn.
Acme Carbureter & Mfg. Co., Dayton, Ohio.
Acme Cement Corp., Catskill, N. Y.
Acme Cement Plaster Co., Frisco Bldg., St. Louis, Mo.
Acme Chandelier & Mfg. Co., 165 N. Wabash av, Chicago, Ill.
Acme Coal & Lime Co., masons' & bldrs. matls., Terre Haute, Ind.
Acme Coal, Wood & Builders' Supply Co., Toledo, O.
Acme Compound Mfg. Co., 102 N. 5th av, Chicago, Ill.
Acme Concretile Co., Milwaukee, Wis.
Acme Cornice, Skylight & Roofing Co., 30 Fernando, Pittsburgh, Pa.
Acme Diamond Tool Co., 12-16 John, New York.
Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.
Acme Die & Stamping Co., McKee's Rocks, Pa.
Acme Engine Co., Lansing, Mich.
Acme Engineering & Mfg. Co., special machy., 355 Union pk. ct., Chicago, Ill.
Acme Engng. Co., architects, 4430 Park, Kansas City, Mo.
Acme-Evans Co., flour mills, Indianapolis, Ind., & Louisville, Ky.
Acme Extract & Chemical Wks., varnish mfrs., Hanover, Pa.
Acme Fancy Wire Wks., archl. iron, Canfield & Moran, Detroit, Mich.
Acme Fence & Iron Co., 8506 Lake av, Cleveland, Ohio
Acme Fire Clay Wks., common brick, New Cumberland, W. Va.
Acme Fishing Tool Co., mchsts. & fndrs., Parkersburg, W. Va.
Acme Folding Boat Co., folding bath tubs, Miamisburg, Ohio.
Acme Forge & Machine Co., Bloomington, Ill.
Acme Forge Works, ship builder, 3614 E. Marguise way, Seattle, Wash.
Acme Fdry. Co., 308 N. Henry, Brooklyn, N. Y.
Acme Foundry Co., Isabel & M. C. R. R., Detroit, Mich.
Acme Freezer Co., 1626 Arch, Phila., Pa.
Acme Furnace Equipt. Co., 39 Cortland, New York.
Acme Gas & Electric Fixture. See Bridgeton Chandelier Co. (successor),
Acme Gear Works, Inc., mills,, Astoria, L. I., New York.
Acme Glass Co., glass bottles, Olean, N. Y.
Acme Glass Sand Co., Coxville, Ind.
Acme Gold Pen Co., 17 Vandewater, New York.
Acme Guard Co., 150 Nassau, New York.
Acme Handle Co., package handles, 228H Orient av., Jersey City, N. J.
Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
Acme Harvesting Machine Co., Peoria, Ill.
Acme Keystone Co., blind stitch & felling machy., Beaver Falls, Pa.
Acme Kitchen Furniture Co., cabinets; book cases, Chattanooga, Tenn.
Acme Knitting Machine & Needle Co., Franklin, N. H.
Acme Lamp Works, 55 Cambridge av., Jersey City, N. J.
Acme Level & Mfg. Co., racks, etc., Toledo, O.
Acme Lumber Co., sash, door & blind, New Castle, Pa.
Acme Lumber Co., Ltd., 1023 Hibernia, New Orleans, La.
Acme Lumber Co., 6th & Channel, San Francisco, Cal.
Acme Lumber & Mfg. Co. See Muscle Shoals Lbr. Co. (successor),
Acme Lbr. & Shingle Co., 20 W. Jackson blvd., Chicago, Ill.
Acme Mach. Co., St. Joseph, Mo.
Acme Machine Co., special machy. drop forgings & flanges, 316-26 N. 17th, Phila, Pa.
Acme Machine Tool Co., 4955 Spring Grove av, Cincinnati, Ohio
Acme Mach. Works. See Acme Motor & Mach. Co. (successor)
Acme Machinery Co., bolt & nut machinery, 4533 St. Clair, Cleveland, Ohio.
Acme Mfg. Co., cedar chests, South Bend, Ind.
Acme Mfg. Co., chains, Waterbury, Conn.
Acme Mfg. Co., dies, models, etc., 355 Howard, Detroit, Mich.
Acme Mfg. Co., fertilizer, Wilmington, N. C.
Acme Mfg. Co., ladders, 1806 East, Pittsburgh, Pa.
Acme Mfg. Co., pipe clamps, hammers, hangers, etc., Bangor, Me.
Acme Manicure & Novelty Co., 200 Fifth av, New York.
Acme Mattress Co., Kansas City, Mo.
Acme Metal Ceiling Co., cornices, 733 S. Halstead, Chicago, Ill.
Acme Metal Mfg. Co., window screens, 220 W. Huron, Chicago, Ill.
Acme Metal Stamping Co., junction boxes, 429 Prospect, N. W., Cleveland, Ohio.
Acme Mill Supply Co., 836 Guardian bldg, Cleveland, O.
Acme Mill Works, flour mill machy., Greensboro, N. C.
Acme Milling Co., buckwheat flour, Corry, Pa.
Acme Milling Co., flour, Oklahoma, Okla.
Acme Milling Co., flour, Talbott, Tenn.
Acme Mills, flour, Hopkinsville, Ky.
Acme Motor Truck Co., Haynes, Cadillac, Mich.
Acme Motor & Machine Co., cut gears, pistons & grinding cylinders, 4208 Natural Bridge av, St. Louis, Mo.
Acme Nail & Supply Co., 422 Frankfort av, Cleveland, O.
Acme Nov. Co., card tables, Jamestown, N. Y.
Acme Novelty Co., metal specialties, 430 N. Oakley av., Chicago, Ill.
Acme Oil Engine Co., machsts., Bridgeport, Conn.
Acme Packing Co., 2226 S La Salle, Chicago, Ill.
Acme, Palmers & De Mooy Foundry Co., 5217 Sweeney av, S E, Cleveland, Ohio.
Acme Paper Co., fancy paper box coverings, linings, etc., 52 Elizabeth, New York.
Acme Pattern & Mach. Co., Buffalo, N. Y.
Acme Pattern Wks., 52 Porter, Detroit, Mich.
Acme Paving & Crusher Co., contrs., Commerce Bldg., Kansas City, Mo.
Acme Pipe Strap Co., 944 Harper av, Detroit, Mich.
Acme Planing Mill Co., Portland, Ore.
Acme Plumbers' Supply Co., 185 John, Bridgeport, Conn.
Acme Polish Co., metal, 71 12th, Pittsburgh, Pa.
Acme Preserve Co., Adrian, Mich.
Acme Press Cloth Co., Frankford, Phila., Pa.
Acme Print Co., textile machy. supplies, Reading, Pa.
Acme Printing Ink Co., 548 W. Harrison, Chicago, Ill.
Acme Road Machy. Co., dumping wagons, Frankfort, N. Y.
Acme Roofing Co., cornices, 210 Moran, Detroit, Mich.
Acme Rubber Mfg. Co., Trenton, N. J.
Acme Rubber Heel Co., Elyria, O.
Acme Sales Corp., dyestuffs, 189 Clark, Chicago, Ill.
Acme Sanitary Pottery Co., Trenton, N. J.
Acme Shear Co., Bridgeport, Conn.
Acme Sheet Metal Co., Martins Ferry, O.
Acme Specialty Mfg. Co., heaters, Toledo, O.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Acme Stamping Co., steel kegs, Shamokin, Pa.
Acme Staple Co. (Ltd.), paper stapling machs., Camden, N. J.
Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Acme Steel & Malleable Iron Wks., 245 Military rd, Buffalo, N. Y.
Acme Storage Battery Corp., Poughkeepsie, N. Y.
Acme Stove & Range Co., gas stoves, Carnegie, Pa.
Acme Supply Co., masons' & builders' supplies, Newport News, Va.
Acme Tag Co., 2840 Fremont av, Minneapolis, Minn.
Acme Tank Company, 43 Cortlandt, New York
See adv index at end of book
Acme Tent & Awning Co., 1012 Market, St. Louis, Mo.
Acme Tool & Die Co., Syracuse, N. Y.
Acme Universal Joint Mfg. Co., Kalamazoo, Mich
Acme Veneer & Lumber Co., 8th & Harriet, Cincinnati, Ohio.
Acme Ventilator Corp., 399 Atlantic av, Boston, Mass.
Acme Wagon Co., Emigsville, Pa.
Acme White Lead & Color Works, St. Aubin M. C. R. R. av, Detroit, Mich.
Acme Wire Co., magnet wire & electro magnet mfrs., New Haven, Conn.
Acme Woodworking Co., display racks & stands, 562 W. 34th, New York
Acme Woolen Mill Co., felts cotton, 1294 W. 70th, Cleveland, O.
A. & C. Mill Co., lumber, Edmonds, Wash.
Acocella, J. B., architect, 9 Clinton, Newark, N. J.
Acocella, Michael A., architect, Mount Vernon, N. Y.
Acomb-Keller Bldg. Co., 2d & Natl. Bk. Bldg., Cincinnati, O.
Acomb, C. W., willow ware mfrs., 6014 Ridge av, Pleasant Ridge, Cincinnati, O.
Acorn Brass Mfg. Co., envelope sealing machines, etc., 426 South Clinton, Chicago, Ill.
Acorn Buggy Co., carriages, 5th & Eggleston av, Cincinnati, O.
Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.
Acorn Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Acorn Web Mills, North Wales, Pa.
A. & C. Stone & Lime Co., masons' & bldrs.' matl., 17 N. Pennsylvania, Indianapolis, Ind.
Active Glass Co., 740 S. Wabash av, Chicago, Ill.
Active Spinning & Sheet Metal Wks., 56 W. Kinzie, Chicago, Ill.
See adv index at end of book
Acton, John, steam traps, oil filters, machy., regulators, valves, etc., 118 John, Brooklyn, N. Y.
Acton Products Co., canned goods, Acton, Ind.
Acushnet Iron Co., mchsts. & fdrs., New Bedford, Mass.
Acushnet Mills Corp., cotton sheetings, New Bedford, Mass.
Acushnet Process Co., rubber goods, Acushnet, Mass.
Acushnet Sawmill Co., New Bedford, Mass.
Acushnet Saw Mills Co., box shooks, Acushnet, Mass.
Ada Clay Co., brick and tile, Ada, O.

Ada Coal & Lumber Co., masons' & bldrs. matls., Ada, O.
Ada Granite Co., Ada, O.
Adair, A. D., & McCarty Bros., phosphate acid, Atlanta, Ga.
Adair, Geo. B., & Son Co., mill & facty. supplies, 813 Western, S, Seattle, Wash.
Adair, Richard H., architect, Parkersburg, W. Va.
Adam Bros. Co., paint mfrs., Erie, Pa.
Adam, Frank, Elec. Co., Inc., cut-outs and switchboards, 914 Pine, St. Louis, Mo.
Adam, John, contractor, Lebanon, Ind.
Adamant Porcelain Co., E. Liverpool, O.
Adami Bros., contrs., Helena, Mont.
Adami Plumbing Supply Co., St. Louis, Mo.
Adams, A., Jr., canned goods, Sunland, Cal.
Adams, A. L., drill, anvil & vise combined, Cedar Rapids, Ia.
Adams, A. L., mchsts., Bridgeport, Conn.
Adams, A. L., Paper Co., Baldwinsville, Mass.
Adams, A. M., architect, 1012 Walnut, Phila., Pa.
Adams & Adams, architects, Gibbs Bldg., San Antonio, Tex.
Adams, Albert L., contractor, 217 E. 5th, New York.
Adams Bag Co., The, paper mills & paper bag mfrs., Euclid bldg, Cleveland, O.
Adams-Bagnall Electric Co., lighting equipment, Platt av, Cleveland, O.
Adams, Bertram, canned goods, Oakland, Cal.
Adams Brick Co., Martinsville, Ind.
Adams Bros., machsts., 224 Eddy, Providence, R. I.
Adams Bros. & Co., mchsts., 136 W. Lake, Chicago, Ill.
Adams Bros. Contr. Co., masons' & bldrs.' matls., Zanesville, O.
Adams Bros. Mfg. Co., elec. heaters, Fayette & Chartiers, Pittsburgh, Pa.
Adams Bros. Paynes Co., brick & lumber, Lynchburg, Va.
Adams, C. F., leather washers, etc., Fort Worth, Tex.
Adams, C. N., brick, Alexandria, La.
Adams, C. R., mchsts. & fdrs., Ventor, Va.
Adams, Campbell Co., machst., 1730 S. Los Angeles, Cal.
Adams Carriage Co., Dover & Lisbon, O.
Adams, Chas. J., & Sons, contractors, 24 Gold, New York.
Adams, Chas. S., contractor, Pleasantville, N. J.
Adams, Clyde S., architect, 1509 Arch, Phila., Pa.
Adams Co., hdwe. spec. gear hobbers, milling, stove sundries, vises, etc., Dubuque, Ia.
Adams Constr. Co., 137 S. La Salle, Chicago, Ill.
Adams County L'br. Co., Decatur, Ind.
Adams, Cushing & Foster, fountain pens, tablets & pads, 168 Devonshire, Boston, Mass.
Adams, D. C., Crayon Co., mfrs. all kinds of crayon, 125 Market, St. Louis, Mo.
Adams, D. E., Co., silk thread, 225 5th av, New York.
Adams, D. L., lumber, Portland, Ind.
Adams, Dan'l., sash, door & blind mfrs., 2940 Marshall, Philadelphia, Pa.
Adams & Duford Co., stone producers, Chaumont, N. Y.
Adams, E. B., & Son, machsts., Racine, Wis.
Adams, E. G., artificial stone laundry tubs, Kingston, N. Y.
Adams, E. P., Co., advtg. signs, 170 Summer, Boston, Mass.
Adams, Edward P., landscape architect, Exchange Bldg., Boston, Mass.
Adams & Elting Co., mfrs, paints, varnishes, enamels, etc., 726 Washington blvd., Chicago, Ill.
Adams, Enos, Co., quartz, soap, Bennington, Vt.
Adams, F. C., ship bldrs., East Boothbay, Me.
Adams, Frank, architect, 216 Boerum, Brooklyn, N. Y.
Adams, Fred C., Co., soap makers & mill & factory supplies, oils, etc., 118 N. La Salle, Chicago, Ill.
Adams, Fred M., masons' & bldrs.' matls., Elgin, Ill.
Adams, G. E., cornices, Glens Falls, N. Y.
Adams, Geo. H., Co., knitting & latch needles & machy., Hill, N. H.
Adams & Graham, lbr., Hamlet, N. C.
Adams, H., heating & ventilating engineer, 1263 Calvert Bldg., Baltimore, Md.
Adams Hardware & Paint Co., Lowell, Mass.
Adams & Hart, machy. dlrs., Grand Rapids, Mich.
Adams Heating Plumbing Co., Helena, Mont.
Adams-Holland Electric Co., switch boxes, Revere, Mass.
Adams Husker Co., agricultural implements, Marysville, Ohio.
Adams, J. A., & Sons Co., Ltd., lumber mfrs., Ruston, La.
Adams, J. D., & Co., road machs. & graders, Indianapolis, Ind.
Adams, J. E., architect, Johnstown, Pa.
Adams, J. H., & Sons, whol. hdwe., Tyler, Texas.
Adams, J. Howard, architect, Turks Head bldg., Providence, R. I.
Adams, J. M., parquet floors, 330 N. Charles, Baltimore, Md.
Adams, J. Q., telescopes, 22 N. May, Chicago, Ill.
Adams, J. R. M., whol. hdwe., Eutaw & Franklin, Baltimore, Md.
Adams, J. T., card feed rolls, Lowell, Mass.
Adams, J. T., contractor, Columbus Saving & Trust Bldg., Columbus, O.
Adams, Jacob A., & Son, contrs., Wilkinsburg, Pa.
Adams & Jewell, asbestos pipe coverings, Rome, N. Y.
Adams, John E. S., carriages, 28 Huneman, Boston, Mass.
Adams, John J., machsts., Worcester, Mass.
Adams & Johnson Co., harness, saddles & strap work, Galesburg, Ill.
Adams & Kelly Co., masons' & bldrs.' matls., Omaha, Nebr.
Adams & Langford, flour mills, Harrodsburg, Ky.
Adams Laundry Machy. Co., Troy, N. Y.
Adams, Lloyd P., architect, Geneva, N. Y.
Adams, Louis S., landscape architect, 1530 Walnut, Phila., Pa.
Adams Mfg. Co., mosquito netting, Shelton, Conn.
Adams Mfg. Co., stationers' specialties, 80 E. Plumstead, Phila., Pa.
Adams-Morgan Co., wireless instruments, Upper Montclair, N. J.
Adams, O. R. Mfg. Co. Inc., lathes, engine, Rochester, N. Y.
Adams Oil & Compound Co., 549 W Washington blvd, Chicago, Ill. *See adv index at end of book*
Adams, P. D., architect, Boothbay, Me.
Adams Paper Co., Wells River, Vt.
Adams, Payne & Gleaves, masons' & bldrs.' matls., Roanoke, Va.
Adams, Percy C., architect, Woodward Bldg., Washington, D. C.
Adams-Pond Co., contractors, 166 Debonshire, Boston, Mass.
Adams & Powers Co., sash, door & blind mfrs., Worcester, Mass.
Adams, R. T., & Co., parquet floors, 15 Milk, Boston, Mass.
Adams, Rayus, architect, 7 W. 42nd, New York.
Adams-Rogers Co sash, door & blind mfrs., Indianapolis, Ind.
Adams & Ruxton Construction Co., Springfield, Mass.
Adams, S. G., Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Adams, S. H., cooperage stock, Portland, Ind.
Adams, S. & Son, agricultural implements, Rome, N. Y.
Adams & Schneider, contractors, Chattanooga, Tenn.
Adams & Sullivan, contractors, Louisville, Ky.
Adams S. S. Co., jokers, novelties, puzzles, etc., Plainfield, N. J.
Adams, T. T., Co., lbr., Sevier, N. C.
Adams & Taylor Mach. Co., Fort Wayne, Ind.
Adams, Thos. J., & Co., varnish mfrs., 3605 N. 4th, Phila., Pa.
Adams, U. S., & Co., lumber, Townsend, Mass.
Adams, W. A., flour mills, Simpsonville, S. C.
Adams, W. T., Mach. Co., Corinth, Miss.
Adams, W. W., & Sons, heating contrs., No. Calhoun, Baltimore, Md.
Adams & Westlake Co., railroad specialties, 319 W. Ontario, Chicago, Ill.
Adams & White Co., archt. & engrs.' supplies, 94 Pearl, Buffalo, N. Y.
Adams, Wm., architect, 15 W. 38th, New York.
Adams, Wm., Co., contractors, 209 La Salle, Chicago, Ill.
Adams, Wm., Fdry. Co., 960 N. 9th, Phila., Pa.
Adams, Winfield, contrs., Pleasantville, N. J.
Adamson & Anderson, who. & retail plate & window glass, Terre Haute, Ind.
Adamson, G. H., contractor, 1325 Green, Salt Lake City, Utah.
Adamson, J. H., contractor 57 Ann, New York.
Adamson, Jos., & Co., elastic & cotton webbing, Columbia & Gtn. av, Phila., Pa.
Adamson Machine Co., rubber mill machinery, castings, etc., Akron, Ohio. *See adv. index at end of book.*
Adamson Mfg. Co., tire vulcanizers, East Palestine, Ohio.
Adamstown Canning & Supply Co., Adamstown, Md.
Adapt Machy. Co., 1624 Wabash av, Chicago, Ill.
Adapti Mfg. Co., conduit fittings, 919 West, Cleveland, Ohio.
Adbro Mfg. Co., massage vibrators, Phipps Power bldg, Pittsburgh, Pa.
Adco, Inc., advt. signs, 381 4th av, New York.
Adde & Co., machsts. & mill & facty. supplies, Portland, Me.
Adden & Parker, architects, 12 Bosworth, Boston, Mass.
Addenbrook's, J. U., Sons, contractors, Norfolk, Va.
Adder Mach. Co., Wilkes-Barre, Pa.
Addikson & Bauer, who. hdwe., Jackson, Miss.
Addison Bros., lumber, Lorane, Ore.
Addison Hill Lumber Co., Tacoma, Wash.
Addison Packing Co., canned goods, Southwest Harbor, Me.
Addressing Mach. Co., Buffalo, N. Y.
Addressograph Co., addressing & mailing machines, 901 W. Van Buren, Chicago, Ill.
Addy, Matthew, Co., iron ores, coal & coke, 1st National Bank Bldg., Cincinnati, Ohio.
Ade, Carl C., architect, 344 East av, Rochester, N. Y.
Adee, Fred., Co., plumbers' supplies-jobbers, 3 Cliff, New York.
Adelano Co., woolfat, 135 Front, New York.
Adelhurst Iron Co., New Haven, Conn.
Adell Canning Co., Adell, Wis.
Adell Mfg. Co., hdwe. & sheet metal stamping, Orange, Mass.
Adelsohn, E. M., architect, 1776 Pitkin av, Brooklyn, N. Y.
Adelson, Mose D., scrap iron, Pittston, Pa.
Adelsperger Rolland, architect, College Station, Tex.
Ader, Frank G., Construction Co., Newport, Ky.
Aderman, Wm., lbr., Gresham, Wis.
Adirondack Elec. Power Corp., Glens Falls, N. Y.
Adirondack Silo Co., Malone, N. Y.
Adirondack Steel Foundries Co., castings, Watervliet, N. Y.
Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.
Adjustable Fixture Co., 305 Mfrs. Home, Milwaukee, Wis.
Adjustable Lighter Assn., cigar & gas lighters, Newton, Mass.
Adjustable Table Co., adding mach. stands, Grand Rapids, Mich.
Adkins, E. S. & Co., lbr., sashes, etc., Salisbury, Md.
Adkins, Young & Allen Co., mill & facty. supplies & pumping machy., 561 Wash. blvd., Chicago, Ill.
Adkinson Bros. Co., lumber, Carrollton, Ky.
Adler Color & Chemical Wks., 100 William, New York.
Adler, Jacob, & Co., leather gloves, 315 4th av, New York.
Adler Mfg. Co., organs, pianos, Louisville, Ky.
Adler, Rudolph S., architect, 92½ N Forsyth, Atlanta, Ga.
Adler Underwear & Hosiery Mfg. Co., Harrison & Queen City avs, Cincinnati, Ohio.
Adler Veneer Seat Co., Payntar av, L. I. City, N. Y.
Adlerhurst Iron Co., West Haven, Conn.
A. D. Mfg. Co., traps, bath waste, 201 Piquette, Detroit, Mich.
Admiral Hay Press Co., Kansas City, Mo.
Admiral Petroleum Co., 215-16 Bessemer bldg., Pittsburgh, Pa. *See adv index at end of book*
Admiral Welding Mach. Co., Kansas City, Mo.
Adoil Agency (advertising counsellors), Oil City, Pa.
Adolph, Jos., contractor, Lancaster, N. Y.
Adovasio, Louis, & Co., contractors, Youngstown, Ohio.
Adrian Furnace Co., blast, Dubois, Pa.
Adrian Iron & Metal Co., scrap rubber, Adrian, Mich.
Adrian Steel Casting Co., Adrian, Mich.
Adrian Wire Fence Co., Adrian, Mich.
Adriance Mach. Wks., 80 Richards, Brooklyn, N. Y.
Adriance Plumbing & Heating Co., Poughkeepsie, N. Y.
Adro Co., metal polish, 247 Pearl, New York.
A. & D. Sheet Metal Wks., cornices, Kalamazoo, Mich.
A. D. Standard Contrg. Co., 225 Lexington av, New York.
Adt, Jno. B., Co., brewers' & tobacco machy. mfrs. & supplies, 340 N. Holliday, Baltimore, Md.
Advance Bag Co., Middletown, Ohio.
Advance Bedding Co., mattresses, La Crosse, Wis.
Advance Bronze & Aluminum Fdry. Co., Dept. H, E 99th & Meech av, Cleveland, Ohio
Advance Car Mover Co., Appleton, Wis.
Advance Co., ventilating apparatus mfrs., 542 N 14th, Richmond, Ind.
Advance Corrugated Box Co., 2837 S. La Salle, Chicago, Ill.
Advance Dairy Machy. Co., precision laths, Canton, O.
Advance Elec. Co., 6315 Maple, St. Louis, Mo.
Advance Elec. Co., mfrs. & repair elec. motors, 555 W. Monroe, Chicago, Ill.
Advance Elec. & Mfg. Co., junction boxes, switchboards, etc., Kansas City, Mo.
Advance Engineering Co., Metta av, Cleveland, Ohio.
Advance Felt & Cutting Co., felts, gaskets & washers, 380 S. Jefferson, Chicago, Ill.
Advance Fire Clay Co., Uhrichsville, Ohio.
Advance Fdry. Co., Dayton, Ohio.

Advance Furn. Co., Dept. H, Jamestown, N. Y.
Advance Glass Co., Newark, O.
Advance Lampworks, auto elec. bulbs, 361 W Superior, Chicago, Ill.
Advance Grease Co., lubricating oils & greases, 170 S. Water, Jackson, Mich.
Advance Lumber Co., Rockefeller Bldg., Cleveland, Ohio.
Advance Mach. Co., 4645 Ravenswood av, Chicago, Ill.
Advance Machine Co., Los Angeles, Cal.
Advance Machy. & Supply Co., Denver, Colo.
Advance Machy. Co., Van Wert, Ohio.
Advance Mfg. Co., hand vacuum cleaners, Kalamazoo, Mich.
Advance Mfg. Co., pumping & traction gasoline engines, Hamilton, Ohio.
Advance Mfg. Co. See Zurn, J. A., Mfg. Co., Erie, Pa.
Advance Mfg. & Tool Co., elec. ry. supplies & trolley wheels, 3741 E 93rd, Cleveland, Ohio
Advance Oil Co., Oil City, Pa.
Advance Packing & Supply Co., 54 E. Lake, Chicago, Ill.
Advance Paint Co., Indianapolis, Ind.
Advance Paper Box Co., 21st & Pine, St. Louis, Mo.
Advance Platers' Supply Co., metal cleaners & polishing wheels, 125 W. Illinois, Chicago, Ill.
Advance Pump & Compressor Co., Flint & Division, Battle Creek, Mich.
Advance Roofing & Sheet Metal Wks., cornices, 4830 Cottage Grove av, Chicago, Ill.
Advance Rumely Co., agricultural implement mfrs., engines, machsts., etc., La Porte, Ind.
Advance Spec. & Mfg. Co., harness tassels, St. Joseph, Mo.
Advance Stove Wks., Evansville, Ind.
Advance Terra Cotta Co., 29 So. La Salle, Chicago, Ill.
Advance Tool Co., special tools, Canal & Jackson, Cincinnati, O.
Advance Tool Mfg. Co., blow torches, Grand Central Terminal, New York.
Advance Tool Wks., mchy., 2304 Warren av, Chicago, Ill.
Advance Welding Mach. Co., 111 N Desplaines, Chicago, Ill.
Advertisers Paper Mill, Holyoke, Mass.
Advertising Laboratories (The), Canton, Ohio.
Advtg. Leather Spec. Co., 303 Mercer, New York.
Advtg. Novelty Co., Spokane, Wash.
Advtg. Pencil Co., 284 Pearl, New York.
Advtg. & Selling Magazine, 381 4th av, New York.
Ady, S. J., canned goods, Sharon, Md.
A. & E. Leather Goods Co., 362 5th av, New York.
Aeolian Co., pianos, 29 W. 42d, New York.
Aeolian Plastic Slate Roofing Co., 637 W. 42d, New York.
Aeppli & Smith, leather gloves, 4014 Parker av, Chicago, Ill.
Aerial Cutlery Mfg. Co., Marinette, Wis.
Aermotor Co., agricultural implements, 2500 West 12th, Chicago, Ill.
Aero Alarm Co., Seattle, Wash.
Aeromarine Plane & Motor Co., aeroplanes & supplies, Times Bldg., New York.
Aero-Motion Co. of Am., aero. motors, Wright Bldg., St. Louis, Mo.
Aero Pulverizer Co., coal pulverizers, pulverized coal burning equipments, 120 B'way, New York.
Aero Works, Inc., knives, saws, & steel products, 89 Warren, New York
Aeroshade Co., Waukesha, Wis.
Aetna Ball Bearing Mfg. Co., 227 Institute pl, Chicago, Ill.
See adv index at end of book
Aetna Boiler Compound Co., 6062 S. La Salle, Chicago, Ill
Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.
Aetna Brass Mfg. Co., machsts. & fdrs., 1631 E. 55th, Cleveland, Ohio.
Aetna Brick Co., Cohoes, N. Y.
Aetna Cabinet Co., bank fixtures, Indianapolis, Ind.
Aetna Construction Co., Merrill Bldg., Milwaukee, Wis.
Aetna Engine Wks., Menominee, Wis.
Aetna Fire Brick Co., Oak Hill, Ohio.
Aetna Foundry Co., 22nd & Allegheny av., Phila., Pa.
Aetna Foundry & Machine Co., Warren, O.
See adv index at end of book
Aetna Graphite Co., Cleveland av, Columbus, Ohio.
Aetna Life Insurance Co., Hartford, Conn.
Aetna Nut Co., Southington, Conn.
Aetna Paper Co., Dayton, Ohio.
Aetna Paving Co., 133 W. Washington, Chicago, Ill.
Aetna Plating Wks., 126 S Clinton av, Chicago, Ill.
Aetna Portland Cement Co., Union Trust bldg., Detroit, Mich.
Aetna Rubber Co., gloves, rubber, 815 E. 79th, Cleveland, Ohio.
Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill.
Affeld, J. S., contractor, Ford Bldg., Detroit, Mich.
Affleck Ruling & Stationery Co., tablets & pads, Holyoke, Mass.
A. F. S. Machine Co., compressors, 531 S. St. Clair, Toledo, O.
Aftel, Sidney E., architect, Ohio Bldg., Toledo, Ohio.
Aganite, Edw., contractor, Green Bay, Wis.
Agar, C. A., & Co., cardboard mfrs., 167 41st, Brooklyn, N. Y.
Agar Mfg. Co., corrugated paper products, 167 41st, Brooklyn, N. Y.
Agar Provision Co., meat packers, 310 N. Green, Chicago, Ill.
A. G. A. Railway Light & Signal Co., lighting systems, Elizabeth, N. J.
Agard Hardware Co., Torrington, Conn.
Agate Granite Co., St. Cloud, Minn.
Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.
Agawam Chemical Wks., acids, Grosvenor Bldg., Providence, R. I.
Agawam Co., woolen flannels, Agawam, Mass.
Agee Canning Co., Baldwin Station, Va.
Agee Screen Co., Ft. Worth, Tex.
Agens & Co., inc. lamp coloring, 219 Market, Newark, N. J.
Agents Supply Co., advtg. spec., Ft. Wayne, Ind.
Ager, C. Leonard J., paper, Lyonsdale, N. Y.
A. G. Mfg. Co., switches & panel board cabinets, Seattle, Wash.
Agne, Rushmer & Jennison, architects, Arcade Bldg., Utica, N. Y.
Agner, D. B., flour mills, Warm Springs, Va.
Agner, Raymond C., Co., wrenches, grease guns & cups, Burlington, Wis.
Agnew Electric Welder Co., Milford, Mich.
Agnew Hardware Co., Everett, Wash.
Agnew, John, Co., masons' & bldrs.' matls., Paterson, N. J.
Agnew, O. L., fertilizer, Canon, Ga.
Agricultural Chemical Wks., 901 Macy, Los Angeles, Cal.
Agricultural & Commercial Lime Co., Canton, Ohio.

Ahern, A. W., cornices, 8812 24th av, Brooklyn, N. Y.
Ahern Construction Co., Willimantic, Conn.
Ahern & Welch Co., contractors, 721 Main, Hartford, Conn.
Ahl, Frank Z., Sheet Metal Wks., Sacramento, Cal.
Ahl & McLaughlin, cornices & skylights, Sacramento, Cal.
Ahlberg Bearing Co., 317 E 29th, Chicago, Ill.
Ahlborg, Olaf, contractor, 17 Wildwood av, Providence, R. I.
Ahlborn, Wm., Const. Co., contrs., Hammond, Ind.
Ahlbrand Carriage Co., Seymour, Ind.
Ahlers & Gregoire, coppersmiths, Louisville, Ky.
Ahlgrim, F. H., architect, Michigan City, Ind.
Ahlschlaeger, Walter N., architect, 111 W. Wash., Chicago, Ill.
Ahlstrom, O. J., embroidery, sewing & plating machs., 711 B'way, New York.
Ahlstrom Piano Co., Jamestown, N. Y.
Ahlswede Mfg. Co., traveling bags, 126 N. Los Angeles, Los Angeles, Cal.
Ahmay, G. L. & Son, contractors, 423 11th av, N. W., Washington, D. C.
Ahnapee Veneer & Seating Co., Algoma, Wis.
Ahr & Rost Co., carriage bodies & rims, Cincinnati, Ohio.
Ahrens, Edward, architect, 100 State, Albany, N. Y.
Ahrens, Claus & Co., contractors, Rutherford, N. J.
Ahrens-Fox Fire Engine Co., Cincinnati, Ohio.
Aicher Machine Works, 1650 Stockton, San Francisco, Cal.
Aiello Bros. & Co., canned goods, Highland, N. Y.
Aiello, Gaetano, contractor, 1322 Webster av, Pittsburgh, Pa.
Aigner, G. J., & Co., index tabs, 554 W. Adams, Chicago, Ill.
Aiken Construction Co., Fargo, N. D.
Aiken, L. R. & Bro., lumber, Mount Pleasant, Ga.
Aiken Mills, sheetings, cotton, Bath, S. C.
Aiken, W. H., willowware mfrs., Liverpool, N. Y.
Aikin-Lambert Co., pen mfrs., 163 Front, New York
Aimone Mfg. Co., book cases, 430 E. 23d, New York.
Aimwell Lumber Co., Aimwell, Ala.
Ainsley, J. C., Packing Co., Campbell, Cal.
Ainslie Knitting Mach. Co., 281 Ainslie, Brooklyn, N. Y.
Ainslie Mach. & Tool Works. See Reising Arms Co. (Successors)
Ainslie-Martin Co., who. hdwe. & mills & facty. supplies, Lynchburg, Va.
Ainsworth Construction Co., Terre Haute, Ind.
Ainsworth & Dunn, canned goods, Seattle, Wash.
Ainsworth, Wm., & Sons, engineering & surveying instruments, Denver, Colo.
Air Device Co., pumps, 2975 Cottage Grove av, Chicago, Ill.
Air Friction Carbureter Co., Dayton, Ohio.
Air Reduction Sales Co., gas apparatus mfrs., 120 Broadway, New York
Air-Tight Steel Tank Co., Mansion & B. & O. R. R., Pittsburgh, Pa.
Air-Way Co., vacuum cleaners, 1501 W. Bancroft, Toledo, O.
Aird-Don Co., plumbers' supplies-jobbers, Troy, N. Y.
Aireys Packing Co., canned goods, Aireys, Md.
Aitcheson, J. & H., mchst. & fdrs., Alexandria, Va.
Aitken, David R., stone producers, Memphis, Tenn.
Aitken-Kynett Co. (advertising counsellors), 1328 Walnut, Philadelphia, Pa.
Aitken, Wm., architect, Lyon bldg, Seattle, Wash.
Aitkin & Bebbington, steel struct. wk., Trenton, N. J.
Ajax Auto & Aerosheet Metal Co., 245 W. 55th, New York.
Ajax Badge Co., badges & buttons, Kansas City, Mo.
Ajax Brass & Iron Wks., mchst. & fdrs., 47 Clementine, San Francisco, Cal.
Ajax Brass Mfg. Co., 218 W. Kinzie, Chicago, Ill.
Ajax Brick Co., Western av & M. C. R. R., Detroit, Mich.
Ajax Drainage Cons. Corp., 60 Herkimer, Brooklyn, N. Y.
Ajax Electric Co., elec. railway spec., 56 Baldwin av, Jersey City, N. J.
Ajax Elec'l Spec. Co., flashlights, 1011 Market, St. Louis, Mo.
Ajax Electrothermic Corp., electric furnaces, Trenton, N. J.
Ajax Enameling & Fdy. Co., Battle Creek, Mich.
Ajax Fire Engine Wks., 882 3d av, Brooklyn, N. Y.
Ajax Forge Co., 2503 Blue Island av, Chicago, Ill.
Ajax Foundry, archl. iron, 51 Clementine, San Francisco, Cal.
Ajax Rubber Co., druggists' & surgical goods, 1796 B'way, New York.
Ajax Hdwe. Mfg. Co., 1100 Military Rd., Buffalo, N. Y.
Ajax Iron Wks., mchsts. & fndrs., Corry, Pa. & Denver, Colo.
Ajax Lubricating Co., 108 S. La Salle, Chicago, Ill.
Ajax Metal Co., babbitt metal, castings, etc., 46 Richmond, Philadelphia, Pa.
Ajax Mfg. Co., agric. implements, 848 Jackson, Pittsburgh, Pa.
Ajax Mfg. Co., tube expanders, boring machines, etc., 848 Jackson, Pittsburgh, Pa.
Ajax Mfg. Co., bolt & nut machinery, 3830 Lakeside av, Cleveland, Ohio.
Ajax Oil & Grease Co., 170 W. 65th, New York.
Ajax Paint Co., Indianapolis, Ind.
Ajax Rubber Co., druggists' & surgical goods, 220 W. 57th, New York.
Ajax Trunk & Sample Case Co., 150 W. 18th, New York.
A. J. Contracting Co., Inc., 101 Park av, New York.
Ajello, Gaetan, architect, 1 W. 34th, New York.
A. & J. Mfg. Co., bicycle parts & sundries, 559 W. Lake, Chicago, Ill.
A. & J. Mfg. Co., hardware specialties, Binghamton, N. Y.
A. & J. Mfg. Co., machinists & founders, Gadsden, Ala.
A. J. Nipple & Pipe Cutting Co., 203 Lafayette, New York.
Akar Ignition Co., ignition apparatus, 149 W. Berkley, Phila., Pa.
Akerlund & Semmes, Inc., gas producers, 17 Battery pl, New York.
Akerly Hiram A., fire, tin clad doors, etc., 57 Prince, New York.
Akers & Harpham Co., cornices & skylights, Akron, Ohio.
Akersville Roller Mill Co., flour, Akersville, Ky.
Akin-Erskine Milling Co., flour, Evansville, Ind.
Akin, John A., architect, Hopkins, Mo.
Akin, W. F., canned goods, Galena, Mo.
Akro Agate Co., playing marbles, Clarksburg, W. Va.
Akron Belting Co., Akron, Ohio.
Akron Brick & Tile Co., Akron, Ohio.
Akron Coal Co., Akron, Ohio.
Akron Cultivator Co., Akron, Ohio.
Akron Equipment Co., rubber tire machy. & molds, Akron, O.
Akron File Co., Akron, Ohio.
Akron Fountain Pen Co., Akron, Ohio.
Akron Gas Lamp Co., gasoline lighting systems, Akron, Ohio.

Akron Gear & Engineering Co., Akron, Ohio.
Akron Lumber Co., 54 E. South, Akron, Ohio.
Akron Mfg. Co., button mfrs., Akron, N. Y.
Akron Mattress Mfg. Co., Akron, Ohio.
Akron Metal Products Co., stamping works, Akron, Ohio.
Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio.
See adv index at end of book.
Akron Paving & Plaster Co., masons' & bldr. matl., Akron, O.
Akron Pigment Co., Akron, Ohio.
Akron Roofing Co., cornices, Akron, Ohio.
Akron Roofing Tile Co., Brook, Akron, Ohio.
Akron Rubber Mold & Machine Co., Akron, Ohio.
Akron-Selle Co., wagons & gears, Akron, Ohio.
Akron Smoking Pipe Co., Mogadore, Ohio.
Akron Soap Co., Akron & Youngstown, Ohio.
Akron Standard Mold & Machine Co., Akron, O.
Akron Steel Casting Co., Akron, Ohio.
Akron Supply Co., masons' & bldrs.' matls., Akron, Ohio.
Akron Varnish Co., Akron, Ohio.
Akron Vitrified Clay Mfg. Co., Akron, Ohio.
A. K. Water Heater Mfg. Co., gas water heaters, 2196 Pitkin av, Brooklyn, N. Y.
A. L. A. Mfg. & Supply Co., oils, 72 Trinity pl, New York.
Alabama Brick & Tile Co., Hollywood, Ala.
Alabama Broom & Mattress Co., Huntsville, Ala.
Alabama Charcoal Co., Kansas City, Mo.
Alabama Chemical Co., Montgomery, Ala.
Alabama Cooperage Co., Calera, Ala.
Alabama Corn Mills Co., Mobile, Ala.
Alabama Cotton Mills, Speigner, Ala.
Alabama Dry Dock & Shipbuilding Co., Mobile, Ala.
Alabama & Florida Lumber Co., Noma, Fla.
Alabama-Georgia Syrup Co., canners, Montgomery, Ala.
Alabama Graphite Co., Ashland, Ala.
Alabama Hdwe Co., Anniston, Ala.
Alabama Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.
Alabama Oil & Guano Co., Opelika, Ala.
Alabama Pipe & Foundry Co., Anniston, Ala.
Alabama Power Co., Birmingham, Ala.
Alabastine Co., Grand Rapids, Mich.
Aladdin Co., port. houses, Bay City, Mich.
Aladdin Industries, Inc., vacuum bottles, lamp wicks, etc., 348 N Ashland, Chicago, Ill.
Alameda Sugar Co., Alaska Commercial Bldg., San Francisco, Cal.
Alamo Construction Co., San Antonio, Tex.
Alamo Iron Wks., San Antonio, Tex.
Alamo Mfg. Co., Mchsts. & fdrs., Hillsdale, Mich.
Alamosa Flour Mills, Alamosa, Colo.
Alarka Lbr. Co., Alarka, N. C.
Alart & McGuire Co., canned goods, 759 3rd av, Brooklyn, N. Y.
Alaska Fish Salting & By-Products Co., fertilizer mfrs., Portland, Ore.
Alaska Freezer Co., ice chippers, etc., Winchendon, Mass.
Alaska Pacific Navigation Co., shipbldrs, Seattle, Wash.
Alaska Packers' Assn., Wells Fargo Bldg., San Francisco, Cal.
Alaska Portland Packers' Assn., canned goods, Portland, Ore.
Alaska Refrigerator Co., Muskegon, Mich.
Alaska Salmon Co., 112 Market, San Francisco, Cal.
Alaska Sanitary Packing Co., canned goods, Seattle, Wash.
Alaska Treadwell Gold Mining Co., San Francisco, Cal.
Alba Mfg. Co., chemicals, Aurora, Ill.
Albach, Theo., cornices, 335 E. 133d, New York.
Alban, W. L. architect, Endicott bldg, St. Paul, Minn.
Alband, John, cornices, Streator, Ill.
Albano Mfg. Co., shoe blacking, Trenton, N. J.
Albany Belting & Supply Co., Albany, N. Y.
Albany Billiard Ball Co., Albany, N. Y.
Albany Boat Corp., motor boats, Watervliet, N. Y.
Albany Brass Fdry., Albany, N. Y.
Albany Canning Co., Albany, Wis.
Albany Car Wheel Co., Albany, N. Y.
Albany Casket Co., Albany, N. Y.
Albany Chemical Co., Albany, N. Y.
Albany Felt Co., Albany, N. Y.
Albany Foundry Co., Albany, N. Y.
Albany Furn. Co., Dept. H, Albany, Ore.
Albany Hardware & Iron Co., who. hardware, Albany, N. Y.
Albany Hdwe. & Mill Supply Co., Dept. H, Pine & Washington, Albany, Ga.
Albany Hardware Specialty Mfg. Co., drilling machines, concrete mixers, Albany, Wis.
Albany Iron Wks., machts. & fdrs., Albany, Ore.
Albany Knitting Co., sweaters, cardigans, etc., Albany, N. Y.
Albany Lbr. Co., Albany, Ore.
Albany Lbr. & Planing Mill Co., Inc., Albany, N. Y.
Albany Lubrg. Co., 708 Washington, New York.
Albany Machine & Tool Co., machinists, Industrial Bldg., Albany, N. Y.
Albany Malleable Iron Co. (Voorheesville), Albany, N. Y.
Albany Mill Supply Co., Albany, Ga.
Albany Paper Products Co., straw board mfrs., Albany, Ind.
Albany Phosphate Co., Albany, Ga.
Albany Planing Mill, Albany, Ore.
Albany Rubber Tire Co., packing mfrs., Albany, N. Y.
Albany Sand & Supply Co., Albany, N. Y.
Albany Steam Trap Co., Albany, N. Y.
Albany Warehouse Co., Albany, Ga.
ALBAUGH-DOVER CO., cut & worn gears, etc., 2100 Marshall blvd, Chicago, Ill. *See adv index at end of book*
Albee & Godfrey Co., archl. iron, Stewart av, Brooklyn, N. Y.
Albee, H. M. & Son, machsts., 201 Sussex av, Newark, N. J.
Albemarle Paper Mfg. Co., Richmond, Va.
Albemarle Pippin Products Corp., canned goods, Charlottesville, Va.
Albemarle Stove & Mach. Co., Charlottesville, Va.
Alberene Stone Co., soapstone products, 223 E. 23d, New York.
Alberger Heater Co., Buffalo, N. Y.
Alberger Pump & Condenser Co., pumps and condensers, 140 Cedar, New York.
Albers Bros. Milling Co., flour, farina, cereal foods, Portland, Ore., & Los Angeles, Cal.
Albers & Lorenz, mattresses, 635 E. Water, Milwaukee, Wis.
Albersmeier, Wm. H., architect. Rauh Bldg., Indianapolis, Ind.
Albert & Davidson, Inc., second-hand pipe, pipe fitting, etc., 256 Oakland, Brooklyn, N. Y.
Albert & Fischer Hdwe. & Sheet Metal Co., 2524 S. 7th. St. Louis, Mo.
Albert Furn. Co., Dept. H, Shelbyville, Ind.
Albert Gas Fixture Co., 707 3d av, New York.
Albert, Henry J., architect, 3801 W. Barrett, Seattle, Wash.
Albert, L., & Son, scrap rubber, Trenton, N. J.
Albert Lea Construction Co., Albert Lea, Minn.
Albert Lea Packing Co., meat, Albert Lea, Minn.
Albert Lea Sprayer Co., pumps, etc., Albert Lea, Minn.
Albert Lea Tractor & Mfg. Co., Albert Lea, Minn.
Albert, Matt S., contractor, Centralia, Wash.
Alberta Knitting Mills, bathing suits, Lena & Armat, Gtn., Phila., Pa.
Alberts, J. B., leaded glass, 307 1st, Louisville, Ky.
Alberts, W. E. & Son, contractors, 367 Lehigh av, Ptg., Pa.
Albertsoan, Dan J., architect, Kalamazoo, Mich.
Albertson & Co., Inc., valve grinders, Sioux City, Ia.
Albertype Co., advtg. post cards, 250 Adams, Bklyn, N. Y.
Albey Bros., straw, binders, & box boards, 149 Meeker av, Newark, N. J.
Albia Box & Paper Co., Troy, N. Y.
Albia Packing Co., meat, Albia, Iowa.
Albina Engine & Mach. Wks., ship bldrs., 28 Albina, Portland, Ore.
Albinson Construction Co., 1214 Marquette av, Minneapolis, Minn.
Albion Bangor Slate Co., Wind Gap, Pa.
Albion Chemical Wks., soap, Albion, Mich.
Albion Knit Goods Co., sweaters, cardigans, etc., Utica, N. Y.
Albion Lumber Co., Hobart bldg., San Francisco, Cal., mills at Albion, Cal.
Albion Malleable Iron Co., machts. & fndrs., Albion, Mich.
Albion Mfg. Co., asbestos paper mfrs., boiler compounds, Seattle, Wash.
Albion Medina Stone Co., Albion, N. Y.
Albion Milling Co., flour, Albion, Mich. & Albion, Neb.
Albion Shale Brick Co., Albion, Ill.
Albion Superior Slate Co., Wind Gap, Pa.
Albion Vein Slate Co., rfg. slate mfrs., Bangor, Pa.
Albion Vitrified Brick Co., Albion, Ill.
Albion Wood & Metal Products Co. Inc., boards, clothes drier, ladders, etc., **Albion, N. Y.**
Albrecht, A., & Co., contractors, Penobscot Bldg., Detroit, Mich.
Albrecht, Chas. R., architects' & engrs.' supplies, 62 Fulton, New York.
Albrecht, Francis J., heaters, & oven bldrs, etc., 1146 Penn av, Pittsburgh, Pa.
Albrecht, Fred'k., wooden kegs, Pratt & Smallwood, Baltimore, Md.
Albrecht, H. & Co., horse collars, E. St. Louis, Ill.
Albrecht, John, contractor, 167 Grace, Buffalo, N. Y.
Albright, A. A., & Son, contractors, Allentown, Pa.
Albright Aerating Filter Co., cistern filters, Muncie, Ind.
Albright, A., & Sons, flour mills, Elgin, Ky.
Albright, C. S., contractor, 6040 Hollywood, Los Angeles, Cal.
Albright, J. E., Co., playing marbles, Ravenna, Ohio.
Albright, J. H., architect, Fort Dodge, Ia.
Albright, J. H., & Sons, agricultural implements, Mifflinburg, Pa.
Albright Mfg. Co., plumbers woodwork & closet seats, Rural Hall, N. C.
Albright, Son & Co., pipe bends & coils, Allentown, Pa.
Albright & Shenton, textile machinery supplies, Reading, Pa.
Albro-Clem Elev. Co., D & Erie, Philadelphia, Pa.
Albro, Lewis C., architect, 2 W. 47th, New York.
Albuquerque Fdry. & Mach. Wks., Albuquerque, New Mexico.
Albuquerque Lumber Co., Albuquerque, New Mexico.
Albus, E. E., architects, 544 E. Market, Louisville, Ky.
Alcatraz Co., Inc., paint mfrs., 3200 Williamsburg av, Rich-mond, Va.
Alcemo Mfg. Co., tire cements, 12 Bridge, Newark, N. J.
Alco Foundry & Machine Co., barn door hangers a tracks, Hills-dale, Mich.
Alcock, John L. & Co., lumber mfrs., Munsey bldg, Baltimore, Md.
Alcohol Utilities Co., 27 William, New York.
Alcohol Products Co., chemical mfrs., Newark, N. J.
Alcott, W. K. & Co., hardwood doors, & sash, door & blind mfrs., 52nd & Lancaster, Phila., Pa.
Alcus, S. T. & Co., Ltd., packing box mfrs., Hagan av & New Basin, New Orleans, La.
Aldag, F. W. Co., masons' & bldrs.' matls., E. Washington & Belt, Indianapolis, Ind.
Aldag Paint & Varnish Co., plate glass, Indianapolis, Ind.
Alden, Chas. H., architect, 400 Boston block, Seattle, Wash.
Alden Coal Co., anthracite coal mines, Mauch Chunk, Pa.
Alden & Harlow, architects, 305 5th av, Pittsburgh, Pa.
Alden & Harris, architects, Exchange bk. Bldg, St. Paul, Minn.
Alden, Henry B., architect, Beverly, Mass.
Alden, Henry B., architect, 15 Exchange, Boston, Mass.
Alden, John, naval architect, 131 State, Boston, Mass.
Alden & Judson, mill & facty supplies, Grand Rapids, Mich.
Alden Lime Co., Clinton, Ia.
Alden Lime Co., Fulton, Ill.
Aldens' Successors (Ltd.), gutta percha, crude rubber, 290 B'way, New York.
Alder, Benj. S., Co., who. hdwe., 45 Warren, New York.
Alder Chemical Co., carriage Top Dressing, Mount Vernon, N. Y.
Alderfer Co., crates, Sharon Center, O.
Alderman, D. W., & Sons Co., lbr., Alcolu, S. C.
Alderman, Geo. P. B. & Co., architects, 439 High, Holyoke, Mass.
Alderman, J. W., lumber, Tarpon Springs, Fla.
Alderman, Wm., lbr., Gresham, Wis.
Alderson, Roy, architect, 1131 11th, San Diego, Cal.
Aldon Co., rail sawing machy., 3338 W. Ravenswood av, Chicago, Ill.
Aldrich & Aldrich, architects, Galesburg, Ill.
Aldrich, B. W. & Co., snow shovels, Wallingford, Vt.
Aldrich, Benj. F., contractor, Dunkirk, N. Y.
Aldrich, Chas. R., contractor, 3d & Jefferson, Seattle, Wash.
Aldrich, Elbert, cornices, Poughkeepsie, N. Y.
Aldrich, G. A., & Co., masons' & bldrs.' Hillsdale, Mich.
Aldrich, Leander S., architect, Uxbridge, Mass.
Aldrich Mfg. Co., tinware mfrs., Buffalo, N. Y.
Aldrich Paper Co., Watertown, N. Y.
Aldrich Publishing Co., trade publications, 6 E. 39th, N. Y.
Aldrich Pump Co., Allentown, Pa.
Aldrich, Wm. T., architect, 8 Beacon, Boston, Mass.
Aldridge, A. E., brick, Dutchess Junction, N. Y.

Aleen, M. W., Construction Co., Walpole, Mass.
Alemite Die-Casting Mfg. Co., 341 W. Chicago av, Chicago, Ill.
Alent Machine Tool Co., Inc., 479 St. Paul, Rochester, N. Y.
See adv index at end of book
Alert Mills, buckwheat flour, fountain City, Wis.
Alert Pipe & Supply Co. (jobbers), Bay City, & Saginaw, Mich.
Alert Plbrg. Supply Co., 788 Seneca, Buffalo, N. Y.
Alert Tool Co., knurl holders, 237 N. 6th, Philadelphia, Pa.
Alevoli, G., contractor, 88 Lanark rd, Stamford, Conn.
Alexalite Co., lighting fixtures, 432 E. 23d, New York.
Alexander, A. R., cornices, Portland, Me.
Alexander, Aaron, rural mail boxes, Newfield, N. Y.
Alexander & Bland, lbr., Lumpkin, Ga.
Alexander Bros., contractors, Williamson bldg., Cincinnati, O.
Alexander Bros., leather mfrs., belting, etc., 3d & Callowhill, Phila., Pa.
Alexander Bros. Lumber Co., Schofield Bldg., Cleveland, Ohio, & Belzona, Miss.
Alexander Car Replacer Mfg. Co., Scranton, Pa.
Alexander City Cotton Mills, Alexander City, Ala.
Alexander & Cox Co., confectioners' machy., vises, etc., 2358 Ogden, Chicago, Ill.
Alexander Crossing Co., Clinton, Ill.
Alexander, D. A., Co., concrete anchors, 272 State, Rochester, N. Y.
Alexander, F. C., contractor, Old South bldg., Boston, Mass.
Alexander, G. M., lumber, Claypool, Ind.
Alexander & Garsed, mill & facty. supplies, Charlotte, N. C.
Alexander, Geo. E., & Son, handles, rakes—garden or lawn, etc., Sunapee, N. H.
Alexander, Geo. F., Lumber Co., P. O. Box 1508, Springfield, Mass.
Alexander, H. N., & Sons, lumber, Greenville, Miss.
Alexander, H. T., & Co., jobbers, oils, 17 Battery pl, New York.
Alexander, J. M., & Co., mill & facty. supplies, Atlanta, Ga.
Alexander, J., Mfg. Co., desk lights, 1991 B'way, New York.
Alexander, James, Constr. Co., Memphis, Tenn.
Alexander, Jas. F., & Son, architects, Lafayette, Ind.
Alexander-Kramer Co., toys, games, etc., Dayton, O.
Alexander, Lester F., & Co., contrs., New Orleans, La.
Alexander Lumber Co., 104 S. Michigan av, Chicago, Ill.
Alexander, M., sash, door & blind mfrs., Joliet, Ill.
Alexander Mfg. Co., garden plows, Ames, Ia.
Alexander Molasses Co., canned goods, 614 W. Austin av, Chicago, Ill.
Alexander, R., furniture, 197 Island av, E., Minneapolis, Minn.
Alexander & Reid Co., tile & mosaics floor, 355 W. 36th, New York
Alexander, Robt., contractor, 130 W. 24th, New York.
Alexander Roman, furuiture, 197H Island av E, Minneapolis, Minn.
Alexander, Shumway & Utz Co., contrs., 16 State, Rochester, N. Y.
Alexander, W. H., stencil cutting machy., 42 Warren, New York
Alexander, W. J., masons' & bldrs.' matls., Steubenville, O.
Alexander, Warren, billiard & pool tables, 607 Main, Worcester, Mass.
Alexander Window-Ventilator Mfg. Co., Spartanburg, S. C.
Alexandria Oar & Handle Co., Alexandria, La.
Alexandria Cooperage & Lumber Co., Alexandria, La.
Alexandria Fertilizer & Chemical Co., Alexandria, Va.
Alexandria Halter Factory, Alexandria, O.
Alexandria Iron Works, machst. & fdrs., Alexandria, Va.
Alexandria Iron Works, Evans bldg., Washington, D. C.
Alexandria Lumber Co., Ltd., Alexandria, La.
Alexandria Paper Co., Alexandria, Ind.
Alexandria Preserving Co., canned goods, Alexandria, Ind.
Alexius Bros. & Co., brick, Covington, La.
Alfalfa Products Co., meal, Sunnyside, Wash.
Alfred Clay Co., terra cotta roofing tile, Alfred Station, N. Y.
Alford, D. C., masons' & bldrs.' matls., Hartwell, Ga.
Alford, H. C., architect, Madison, Wis.
Alford Mfg. Co., lbr., Ackerman, Miss.
Alford Motor & Machine Co., machts. & fndrs., Goshen, Ind.
Alfred, W. W., architect, Pensacola, Fla.
Alger Barrett, architect, Walton bldg., Atlanta, Ga.
Alger Clay Mfg. Co., Alger, O.
Alger, Smith & Co., lumber, Penobscot bldg., Detroit, Mich.
Alger-Sullivan Lumber Co., Century, Fla.
Algie, Robt., J., crushel stone, 2249 Broadway, New York.
Algiers Cornice & Plbg. Wks., 157 Delaronde, New Orleans, La.
Algiers Saw & Planing Mill, 429 Patterson, New Orleans, La.
Algoma Coal & Coke Co., Algoma, W. Va.
Algoma Lbr. Co., Algoma, Ore.
Algoma Panel Co., Algoma, Wis.
Algona Brick & Tile Works, Algona, Iowa.
Algonite Stone Mfg. Co., 4606 Chippewa, St. Louis, Mo.
Algonquin Co., woolen fiannels, Passaic, N. J.
Algonquin Leather Co., No. Woburn, Mass.
Alhambra Tile Co., Newport, Ky.
Alhin, Victor O., contractor, Joliet, Ill.
Alhorn & Waller, brick, Morganfield, Ky.
Alice Cotton Mills, sheetings, Easly, S. C.
Aliceville Oil & Mfg. Co., Aliceville, Ala.
Alkahn Silk Label Co., 116 W. 32d, New York.
All-American Truck Co., Grand & Natchez aves, Chicago, Ill.
All Paper Box Co., 125 S. 8th, St. Louis, Mo.
Allaire, P., contrs., Bristol, Conn.
Allaire Woodworkers Corp., toys, games & novelties, Farmingdale, N. J.
Allan, A., & Son, Babbitt metal mfrs., 6th & Bergen, Harrison, N. J.
Allan, Geo. & Co., contractors, 625 W. 69th, Chicago, Ill.
Allaway & Hancox, elec. signs, 5944 S. Halsted, Chicago, Ill.
Allbee, Geo. B. Co., steam fitters' supplies, Bellows Falls, Vt.
Allbright, C., architect, 6 Beacon, Boston, Mass.
Allbright-Nell Co., packing house machy, 5315 Western av, Chicago, Ill.
Allegan Brick Co., Allegan, Mich.
Allegan Fdry. & Mach. Co., Allegan, Mich.
Allegany Window Glass Co., Port Allegany, Pa.
Alleger's, E. W., & Son, masons' & bldrs.' matls., Washington, N. J.
Alleghany Ore & Iron Co., Buena Vista, Va.
Allegheny Box Co., 601 Byrd, Richmond, Va.
Allegheny College, engng. school & coll., Meadville, Pa.
Allegheny Forging Co., forgings (automobile, etc.), Keenan bldg, Pittsburgh, Pa.
Allegheny Foundry Co., Boquet & Grant, Pittsburgh, Pa.
Allegheny Fdry. & Mach. Co., Glassmere, Pa.
Allegheny Lumber Co., Ferguson bldg., Pittsburgh, Pa.
Allegheny Milling Co., flour, Covington, Va.
Allegheny Plate Glass Co., Glassmere, Pa.
Allegheny Slag Products Co., brick, Buena Vista, Va.
Allegheny Steel Band Co., see Am. Steel Band Co. (successors)
Allegheny Steel Co., machts. & fndrs., & rolling mills, Oliver bldg., Pittsburgh, Pa.
Allegheny Steel Tank Car Co., Warren, Pa.
Alleghany Valley Brick Co., Olean, N. Y.
Allegretti Mfg. Co., razor strops, Geneva, N. Y.
Allen, A. & Co., machts., 2001 Carpenter, Phila., Pa.
Allen, A. W., architect, Streator, Ill.
Allen, Albert, machsts., Livermore Falls, Me.
Allen, Alex., vacuum cleaners, 426 Pearl, Buffalo, N. Y.
Allen, Alonzo W., machsts., 2427 Mascher, Phila., Pa.
Allen, Alvan, Brick Co., Wilmington, Del.
Allen Anti-Rust Mfg. Co., paint, Dept. H, Covington, Ky.
Allen, A. P., architect, 189 W. Madison av, Chicago, Ill.
Allen, Augustus N., architect, 2 W. 45th, New York.
Allen Auto. Spec. Co., inner tube bags, 16 W. 61st, New York.
Allen, B. C., Machinery Co., 551 W Monroe, Chicago, Ill.
Allen, B. F., lumber, Tiro, O.
Allen, B. F. Co., machy dlrs., 104 S. Clinton, Chicago, Ill.
Allen & Bailey Tag Co., Caledonia, N. Y.
Allen-Blaisdell Co., church, lodge & school furniture, 12 Pearl, Boston, Mass.
Allen, Bona, collars, Buford, Ga.
Allen-Bradley Co., motor starters, rheostats, switches, etc., 286 Greenfield av, Milwaukee, Wis.
Allen Bros., stencils, 55 Cornhill, Boston, Mass.
Allen Bros., machs. & fdrs., Elkader, Ia.
Allen Bros., carriages, Nashville, Tenn.
Allen, C. J., contr., Builders' Exchange, San Francisco, Cal.
Allen, C. S. Co., contractors, Allston, Boston, Mass.
Allen Chair Co., furniture, Concord Junction, Mass.
Allen, Chas. G. Co., agricultural implements, Barre, Mass.
Allen, Chas. I., faucets, wooden handles & knobs, Pequabuck, Conn.
Allen, Chas. M., excelsior, Fulton, N. Y.
Allen, Claire, architect, Jackson, Mich.
Allen, Clement E., meat packers, Media, Pa.
Allen & Collens, architects, 40 Central, Boston, Mass.
Allen Crucible Co., 714 50th av, East Oakland, Cal.
Allen & Curtiss Co., boring tools, Benton Harbor, Mich.
Allen, D. C., & Co., cornices & skylights, Coldwater, Mich.
Allen, D. S., knives—oyster & clam, Port Lavaca, Tex.
Allen, David E., machsts. & fndrs., Yonkers, N. Y.
Allen Die Block Co., shoe machy., Haverhill, Mass.
Allen-Doane & Co., stencils, 29 Cornhill, Boston, Mass.
Allen, Dwyer Co., contrs., 106 N. La Salle, Chicago, Ill.
Allen, E. Philip & Co., mill & facty. supplies, Atlantic City, N. J.
Allen, Edgar & Co., Ltd., steel mfrs. & imptrs., 718 W. Lake, Chicago, Ill.
Allen, Edmund A., whol. lumber, 133 W. Wash., Chicago, Ill.
Allen Engng. & Mfg. Co., dust collecting systems, ventilators, etc., Dept. H, Savannah, Ga.
Allen, H., Co., exhaust & blow piping, 41 Beverly, Boston, Mass.
Allen Engineering Co., Inc., derrick irons & fittings, 14 N. 55th, Phila., Pa.
Allen Engineering & Contr. Co., Netcong, N. J.
Allen, F. B., machst. & fndrs., Salt Lake City, Utah.
Allen, F. H., machinist, Donaldsonville, La.
Allen, F. P., Jr., architect, 520 East, San Diego, Cal.
Allen & Fell, cornices, Wilkes-Barre, Pa.
Allen Filter Co., Toledo, Ohio.
Allen Fdry., Adams, Mass.
Allen Fire Dept. Supply Co., hose clamps & couplings, 159 Aborn, Providence, R. I.
Allen, Frank F., architect, 725 Putman, Fort Wayne, Ind.
Allen, Frank P., & Son, architects, Houseman Bldg., Grand Rapids, Mich.
Allen, Fred A., Sportsman's Specialty Co., duck calls, boat oars, Monmouth, Ill.
Allen, G. W., & Son, architects, Laporte, Ind.
Allen & Garcia Co., contractors, 21 E. Van Buren, Chicago, Ill.
Allen, Geo. C., architect, Berwyn, Pa.
Allen, Geo. R., patterns & models, 1214 Chestnut, Phila., Pa.
Allen, Geo. W., & Son, La Porte, Ind.
Allen, Gordon, architect, 248 Boylston, Boston, Mass.
Allen, H. E., Co., Inc., insectecides, Carthage, N. Y.
Allen, H. J. (Est. of), masons & bldrs. matls., Clinton, N. Y.
Allen, H. R., & Co., lumber mfrs., Commerce Bldg., Columbus, Ohio.
Allen, Harris, architect, Oakland, Cal.
Allen, Harris Campbell, architect, 2514 Hillegass av, Berkeley, Cal.
Allen, Hy., chemical glasswe., 138 William, New York.
Allen, Higgins, Wall Paper Co., Worcester, Mass.
Allen & Hinckle, brick & tile, Royalton, O.
Allen Iron & Steel Co., elec. cable hangers, 3d & Venango, Philadelphia, Pa.
Allen, Isaac A., Jr., architect, 904 Main, Hartford, Conn.
Allen, J. & S., fish line mfrs., Walpole, Mass.
Allen, J. W., spokes, Scottville, Ky.
Allen, J. W., & Co., ice cream freezers, 116 N. Peoria, Chicago, Ill.
Allen, Jas. Roy, architect, 64 Van Buren, Chicago, Ill.
Allen, Jas. T., Contr. Co., 8106 Quincy av, Cleveland, O.
Allen & Jemison Co., whe. hdwe., Tuscaloosa, Ala.
Allen, Jerome R., architect, 101 Park av, New York.
Allen, Jno., cornices, Schenectady, N. Y.
Allen, Jno. F., Co., riveting machines, 870 Gerard av, New York.
Allen, Jos. B., architect, Irvington, N. J.
Allen-Knight Construction Co., 610 S. Broadway, Los Angeles, Cal.
Allen, L. B., Co., soldering flux, etc., 4519 N. Lincoln, Chicago, Ill.
Allen, L. H., wire cloth, Amherst, Mass.
Allen, Lane & Scott, railroad staty., etc., 1211 Clover, Philadelphia, Pa.
Allen, Layton, architect, Lombard Bldg., Indianapolis, Ind.
Allen, Lester, cornices & skylights, Spokane, Wash.

Allen Lumber & Box Co., Nashville, Ark.
Allen Lumber Co., contrs., etc., Donora, Pa.
Allen Lumber Co., sashes, doors & blinds, Barre, Vt.
Allen Lumber Co., Berlin, Wis.
Allen & Moore Canning Co., Blades, Del.
Allen, McNerney & Co., horn hair pins, Attleboro, Mass.
Allen, M. M., Supply Co., masons' & bldrs.' matls., Newport, Ky.
Allen Machine Co., 1585 Columbus rd, Cleveland, Ohio.
Allen Machine Co., rubber machines, Erie, Pa.
Allen Machine Wks., Miamisburg, Ohio.
ALLEN MFG. CO. (THE), safety set screw mfrs., 133 Sheldon, Hartford, Conn. *See adv index at end of book*
Allen Mfg. Co., horse collars, Lawrenceville, Ga.
Allen Mfg. Co., mchsts. & fndrs., Nashville, Tenn.
Allen Mfg. Co., Ltd., Shreveport, La.
Allen Motor Car Co., Columbus, Ohio.
Allen, N. R., Sons Co., harness lthr., Kenosha, Wis.
Allen & Nelson Mill Co., lumber, Seattle, Wash., mills at Monohan, Wash.
Allen, Neyers & Co., cornices, Rock Island, Ill.
Allen, O. C., lumber, Knoblick, Ky.
Allen, Otis, & Son Co., lbr., Lowell, Mass.
Allen Packing Co., Collingswood, N. J.
Allen Paint & Putty Wks., 334 N. Ashland av, Chicago, Ill.
Allen, Paul R., architect, Gr. Central Station, New York
Allen, Percy Ira, architect, Cutler Bldg., Rochester, N. Y.
Allen Pitless Scale Co., mchsts. & fndrs., New Castle, Ind.
Allen, R. R., masons' & bldrs.' matls., Suffolk, Va.
Allen & Reed, architects, La Porte, Ind.
Allen & Reed, mill & facty. & steam fitters' supplies, 178 Dorrance, Providence, R. I.
Allen, Robert C., contractor, Park Bldg., Worcester, Mass.
Allen, Robt. T., shipping tags, Jackson, Mich.
Allen, S. L., & Co., agricultural implements, 5th & Glenwood, Philadelphia, Pa.
Allen, Sam'l. H., architect, Security bldg, St. Louis, Mo.
Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
Allen Shipbldg. Co., Seattle, Wash.
Allen-Smith Co., contractors, Niagara Falls, N. Y.
Allen & Son Co., sash cord & sash chain fastener mfrs., 904 Main, Hartford, Conn.
Allen-Sparks Gas Light Co., Lansing, Mich.
Allen Spool & Printing Co., tex. machy., supplies, etc., Mystic, Conn.
Allen, T. B., flour mills, Brundidge, Ala.
Allen, Thompson, contractors, Woodbury, N. J.
Allen, Truman A., architect, 860 Dewey av, Rochester, N. Y.
Allen Typewriter Co., Allentown, Pa.
Allen, W. D., heating contractor, Seattle, Wash.
Allen, W. D., Mfg. Co., mill & facty., steamfitters' supplies, 566 W. Lake, Chicago, Ill. *See adv index at end of book*
Allen, W. H., architect, 179a E Fair, Atlanta, Ga.
Allen, W. H. & G. W., who. hdwe., 113 Market, Philadelphia, Pa.
Allen, W. H., Jr., steel structural dirs., 110 State, Boston, Mass.
Allen, W. M., Son & Co., contractors, Peoria, Ill.
Allen, W. R., contractor, Pittston, Pa.
Allen, Wm., architect, Kaysville, Utah.
Allen, Wm. A., Co., lbr., Portland, Me.
Allen, Wm. H., architect, 82 Church, New Haven, Conn.
Allen, Wm., Sons Co., boilers, heaters, etc., Green, Plymouth & Washington, Worcester, Mass.
Allen, Wilson E., architect, Belmar, N. J.
Allen Wrench & Tool Co., wrench & tool mfrs., 189 Public, Providence, R. I.
Allen & Kendall, furniture, Ennis, Texas, Dept. H.
Allendorf Co., lenses, Cleveland, Ohio.
Allen's, S., Sons, mill & facty. supplies, Greenfield, Mass.
Allenson Bros., tin cylinders, 9 Steeple, Providence, R. I.
Allentown Bobbin Works, bobbin mfrs., Allentown, Pa.
Allentown Boiler Works, Allentown, Pa.
Allentown Construction Co., Allentown, Pa.
Allentown Experimental Works, models, Union & So. 3rd, Allentown, Pa.
Allentown Mfg. Co., paint, Allentown, Pa.
Allentown Portland Cement Co., Allentown, Pa.
Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
Allentown Spinning Co., jute, Allentown, Pa.
Allentown Testing Laboratory, chemists, Allentown, Pa.
Allerton-Clarke Co., who. hdwe. mfrs.' agents, 74 W. Lake, Chicago, Ill.
Alliance Brass & Bronze Co., castings, Alliance, Oh'o.
Alliance Brick Co., Alliance, Ohio.
Alliance Chemical Co., sulphur colors, 176 Federal, Boston, Mass.
Alliance Clay Product Co., Alliance, Ohio.
Alliance Co., plumbers' sanitary earthenware mfrs., 1924 Clybourn av, Chicago, Ill.
Alliance Fertilizer Co., Alliance, Ohio.
Alliance Foundry Co., Canton, Ohio.
Alliance Furn. Co., Dept. H., Jamestown, N. Y.
Alliance & Industrial Mfg. Co., fertilizer mfrs., Ellerson, Va.
Alliance Iron & Metal Co., scrap rubber, Alliance, Ohio.
Alliance Machine Co., traveling cranes, Alliance, Ohio.
Alliance Mfg. Co., auto. wood bodies, carriages, Streator, Ill.
Alliance Milling Co., flour, Denton, Texas.
Alliance Spec. Mfg. Co., desk tele. brackets, Lakewood, Ohio.
Alliance Structural Co., structural mills, Alliance, Ohio.
Alliance Supply Mfg. Co., boring devices, Alliance, Ohio.
Alliance Vitreous China Co., Alliance, Ohio.
Alliance Window Glass Co., window glass mfrs., Salem, W. Va.
Allied Bldg. Council, Sash & Door Div., 826 Perdido, New Orleans, La.
Allied Rubber & Mica Co., mill & facty. supplies, 1430 W. 3rd, Cleveland, O.
Alligator Oil Clothing Co., mechanics' aprons, Gravios & Bingham, St. Louis, Mo.
Allied Sugar Machy. Corp., 120 B'way, New York. See Allied Machy. Co. of Am. (successor).
Alliger Box & Lbr. Co., North Tonawanda, N. Y.
Allin Mach. Wks., Helena, Ark.
Alling & Cory Co., envelopes, adding mach. rolls, Rochester, N. Y.
Alling Rubber Co., mill & factory supp., Hartford, Conn., & Springfield, Mass.
Alling, Wm. H., Co., dock bldrs., New Haven, Conn.
Allington & Curtis Mfg. Co., mchsts. & fndrs., Saginaw, Mich.
Allino Switch Box Mfg. Co., St. Louis, Mo.
Allinson, Geo. A., architect, Burlington, N. J.
Allis-Chalmers Mfg. Co., mfrs. all kinds of machinery, Milwaukee, Wis.
Allison, A. W., architect, 748 Glenn av, Wilkinsburg, Pa.
Allison, B. J., & Co., brick, Haverstraw, N. Y.
Allison Bros., soap & soap powders, Middletown, Conn.
Allison Co., welders' rings, Chester, Pa.
Allison Contracting Co., 109 N. Dearborn, Chicago, Ill.
Allison Coupon Co., books, Indianapolis, Ind.
Allison & Doughty, stock mirrors & window glass, 559 W. 37th, New York.
Allison & Goldbeck, contractors, 109 N. Dearborn, Chicago, Ill.
Allison Lumber Co., Bellamy, Ala.
Allison Lumber Co., Inc., 729 Lady, Columbia, South Carolina.
Allison, Lyman J., architect, 115 S. Dearborn, Chicago, Ill.
Allison, R. W., patterns & models, Dayton, Ohio.
Allison, S., & Son, stone, 1354 Palmetto, Los Angeles, Cal.
Allison Steel Products Co., sashes, Dept. H, Chester, Pa.
Allison & Hadaway Corp., lamps, 42 W. 39th, New York.
Allison & Vervalen Coal & Lumber Co., masons' & bldrs.' matls., Haverstraw, N. Y.
Allison, W. D., Co., massage vibrators, Indianapolis, Ind.
Allison, Wm., machsts., Punxsutawney, Pa.
Allison & Wood, brick, Haverstraw, N. Y.
Allith-Prouty Co., hubs for Ford cars & hdwe. mfrs., Danville, Ill.
Allivine Co., canned goods, Norma, N. J.
Allman Gas Engine & Mach. Co., 461 Canal, New York.
Allman, N. R., & Sons, sashes, doors & blinds, Garrett, Ind.
Allmendinger, Louis, architect, 20 Palmetto, Brooklyn, N. Y.
Allmetal Weatherstrip Co., 126 W. Kinzie, Chicago, Ill.
Allmur Mfg. Co., elec. cooking app., Janesville, Wis., & Marion, Ind.
Allot Hardware Co., mill & factory supplies, Alliance, Ohio.
Alloy Elec. Steel Casting Co., Warren, Ohio.
Alloy Metal Wire Co., 154 Nassau, New York
See adv index at end of book
Alloyed Metal & Mfg. Co., aluminum & bronze castings, 4537 Pope av, St. Louis, Mo.
Allred, Wm. P., Jr., architect, Fergusson Bldg., Duluth, Minn.
Allsteel Scale Co., Inc., 25 West B'way, New York
Allsteelequip Co., steel fcty. equip., Aurora, Ill.
Allward-Bownan Glass Co., Des Moines, Ia.
Allwood, J. R., & Son, cornices, 39 Marshall, Newark, N. J.
Allwood Lime Co., 30 N. Dearborn, Chicago, Ill.
Allyn, Fred S. (Lawrence & Halford), architects, Chamber of Commerce bldg, Portland, Ore.
Allyndale White Marble & Lime Co., Hartford, Conn.
Allyne Brass Fndry Co., 207 Crawford, Detroit, Mich., & Buffalo, N. Y.
Allyne-Ryan Foundry Co., castings, Aetna rd & E. 91st, Cleveland, Ohio.
Alma Lumber Co., Alma, N. C.
Alma Mfg. Co., clothiers' hdwe., etc., 661 S. Monroe, Baltimore, Md.
Alma Standard Foundry Mfg. Co., Alma, Mich.
Almond, A. J., masons' & bldrs.' matls., Lithonia, Ga.
Almand, John Parks, architect, Little Rock, Ark.
Almar Mfg. Co., elec. light fix. mfrs., 47 W 34th, New York.
Almeda Canning Co., Wellston, Ohio.
Almetal Mfg. Co., 7227 Manchester av, St. Louis, Mo.
Almon Engng. & Contr. Co., 25 Church, New York.
Almirall & Co., htg. contrs., 1 Dominick, New York, & 58 W. Jackson blvd., Chicago, Ill.
Almiroty, Randolph H., architect, 46 W. 46th, New York
Almond, David, machst., 88 Warren, Newark, N. J.
Almond Mfg. Co., drilling machines, 1516 E. 32d, Cleveland, O.
Almond Roller Mills (O. Culver), buckwheat flour, Almond, Wis.
Almond, T. R., Mfg. Co., machsts. & fndrs., chucks, table lamps, etc., Ashburnham, Mass.
Almont Mfg. Co., mchsts. & fndrs., Almont, Mich.
Almquist, Carl M., architect, 118 N. La Salle, Chicago, Ill.
Almy, Arthur Lewis, architect, 42 Weybosset, Providence, R. I.
Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
Almyra Mach. Works, Almyra, Ark.
Aloe, A. S., Co., scientific instruments, 513 Olive, St. Louis, Mo.
Aloha Lumber Co., Aloha, Wash.
Alpena Excelsior Co., Alpena, Mich.
Alpena Woolen Mills Co., woolen blankets, Alpena, Mich.
Alperin, H. J., Co., sad irons, 720 Euclid av, Cleveland, Ohio.
Alpert Woodworking Co., sash, door & blind mfrs., 410 Snediker av, Brooklyn, N. Y.
Alpeter, Hall & Alpeter Co., contractors, Ferguson Bldg., Los Angeles, Cal.
Alpha Belt Dressing Co., 14 Cedar, New York.
Alpha Brick & Holding Co., Glasco, N. Y.
Alpha Brush Co., Troy, N. Y.
Alpha Electric Co., jobbers elec. materials, 116-18 W. 29th, New York.
Alpha Hdwe. & Supply Co., Grass Valley & Nevada City, Cal.
Alpha Lamp Co., 113 Grant av, Harrison, N. J.
Alpha Mirror Mfg. Co., 115 Spring, New York
Alpha Portland Cement Co., Easton, Pa.
Alpha Supply Co., plbrs. supplies, Pittsburgh, Pa.
Alphaduct Co., conduits, 136 Cator av, Jersey City, N. J.
Alphano Humus Co., 17 Battery Pl, New York
Alpine Evaporated Cream Co., canners, Gonzales, Cal.
Alpine Woolen Mills, Mount Airy, N. C.
Alpirn, A. R., scrap iron, Omaha, Neb.
Algonquin Slate Products Co., Worcester, Mass.
Already Box Co., Danville, Ill.
Alschuler, Alfred S., architect, 28 E. Jackson blvd, Chicago, Ill.
Alsen's Am. Portland Cement Wks., 277 B'way, New York.
Alsing, J. R., drug, ball & pebble mills, 75 Guernsey, B'klyn, N. Y.
Alsop, M. M., architect, Clarksdale, Miss.
Alsop & Peirce, contractors & engineers, Newport News, Va.
Alphano Humus Co., 17 Battery Pl., New York.
St. Louis, Mo.
Alsteel Mfg. Co., baling presses, Battle Creek, Mich.
Alston & Hoggan, contractors, Contl. Nat. Bk. Bldg., Salt Lake City, Utah.
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
Alston Saw & Steel Co., hack saw blades, Folcroft, Pa.
Alsup, J. D., architect, James Bldg., Chattanooga, Tenn.
Alt Box Mfg. Co., 174 Carroll, St. Louis, Mo.
Alt, Fred, mchst. & fndr., Effingham, Ill.
Alta Glass Beveling Wks., 1781 Mission, San Francisco, Cal.
Altamaha Fertilizer Co., Vidalia, Ga.

Altamaha Woodworking Co., Darien, Ga.
Altavista Dogwood Mfg. Co., lbr., Altavista, Va.
Altemus, Jacob K., mchst., 2824 N. 4th, Philadelphia, Pa.
Altenberg, George H., Lumber Co., Dancy, Wis.
Alteneder, Theo., & Sons, draftsman's tools, 1217 Spring Garden, Philadelphia, Pa.
Alter, C. A., cornices, Indiana, Pa.
Alter Light Co., mantles, 2307 Archer av, Chicago, Ill.
Alterson, L., & Co., shoe buckles, 162 W. 34th, New York.
Althaus, Jacob, & Co., contractors, 810 Olive, St. Louis, Mo.
Althouse Bros., brick, Sycamore, Ohio.
Althouse Chemical Co., dyes & dye stuffs, Reading, Pa.
Althouse & Jones, architects, Mansfield, Ohio.
Althouse, S. W., & Son, brick, Marseilles, Ohio.
Althouse-Wheeler Co., agricultural implements, Waupun, Wis.
Altieri Bros., contractors, 145 Bishop, Waterbury, Conn.
Altieri, M., & Sons, crushed stone, 363 Concord av, New York.
Altland, Alfred D., hammock mfrs., Dillsburg, Pa.
Altman, B., soap, 325 W. 21st, New York.
Altman, Harry W., architect, Uniontown, Pa.
Alton Box Board & Paper Co., Alton, Ill.
Alton Brick Co., Alton, Ill.
Alton Brick Co., Chemical Bldg., St. Louis, Mo.
Alton Bldrs. Supply Co., Alton, Ill.
Alton Canning Co., Alton, Ind.
Alton Iron & Metal Co., 2122 S. Loomis, Chicago, Ill.
Alton Lumber Co., Buckhannon, W. Va.
Altoona Brick Co., Altoona, Pa.
Altoona Coal & Coke Co., Altoona, Pa.
Altoona Concrete Constr. & Supply Co., Altoona, Pa.
Altoona Iron Co., Altoona, Pa.
Altoona Packing Co., Altoona, Wash.
Altoona Pipe & Supply Co., mill & facty. supplies, Altoona, Pa.
Altorfer Bros. Co., clothes washing machines, Peoria, Ill.
Altshuler Bros., umbrella mfrs., 345 4th av, New York
Alumina Shale Brick Co., Bradford & Lewis Run, Pa.
Alumina Soapalite Co., 625 3rd, San Francisco, Cal.
Aluminum Casting & Machine Co., 206 B'way, New York.
Aluminum Castings Co. See Aluminum Mfrs., Inc. successors)
Aluminum Co. of America, Oliver bldg., Pittsburgh, Pa.
Aluminum Container Corp., metal nov. & spec., Fulton, N. Y.
Aluminum Cooking Utensil Co., New Kensington, Pa.
Aluminum Flake Co., Akron, Ohio.
Aluminum Fdry. Co., Sebring, Ohio.
Aluminum Goods Mfg. Co., aluminum kitchen ware, Manitowoc, Wis.
Aluminum Mfrs., Inc., castings, gear blanks, etc., 2210H Harvard av, Cleveland, Ohio
Aluminum Ore Co., East St. Louis, Ill.
Aluminum Products Co., La Grange, Ill.
Aluminum Rolling Mill Co., aluminum sheets, Ivanhoe Rd, Cleveland, Ohio.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., small metal specialties, Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., hollow ware, Elmira, N. Y.
Aluminite Mfg. Co., 427 4th av, New York
Alva Roller Mills, flour, Alva, Okla.
Alvey-Ferguson Co., conveyors, 70 North av, Oakley, Cincinnati, Ohio.
Alvey Mfg. Co., chain conveyors, etc., 3201 S. B'way, St, Louis, Mo.
Alvin Mfg. Co., table silverware. Sag Harbor, N. Y.
Alvord Reamer & Tool Co., Millersburg, Pa.
Alvord & Burdick, consulting engrs., 8 S. Dearborn, Chicago, Ill.
Alward, B. R., flour mills, Camden, Mich.
Alwine Bros. Brick Co., New Oxford, Pa.
Alworth, F. C., lbr., Green Cove Springs, Fla.
Amalgamated Cornice Roofing Co., 161 Broome, New York.
Amalgamated Dyestuff & Chemical Works, Inc., 75 Hudson, New York.
Amalgamated Gum Co., casein, Troy, N. Y.
Amalgamated Machy. Corp., 72 W. Adams, Chicago, Ill.
Amalgamated Metals Selling Co., Ltd., 42 Broadway, New York
Amalgamated Motors Corp., Alhambra, Cal.
Amalgamated Oil Co., Pac. Elec. bldg, 608 S. Main, Los Angeles, Cal.
Amalgamated Paint Co., Pier 11, N. R., New York.
Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.
Amalgamated Sugar Co., Ogden, Utah.
Aman & Sandmann, packing box mfrs., 18 W. McMicken av, Cincinnati, Ohio.
Amana Society, blankets, Amana, Iowa.
Amarillo Hardware Co., wholesale, Amarillo, Texas.
Amason, T. E., contr., Thomasville, Ga.
Amazon Rubber Co., Akron, O.
Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Amberg, Louis, & Son, children's vehicles, dolls, 101 E. 16th, New York.
Ambler-Davis Co., contractors, Harrison Bldg., Philadelphia, Pa.
Ambler, Edwin P., heating contr., 2822 La Salle, St. Louis, Mo.
Ambler, H. C., Contracting Co., masons' & bldrs.' matls., 3717 Old York rd, Philadelphia, Pa.
Ambler Saw Mfg. Co., hand & circular saws, filing, brazing & setting machines, Natick, Mass.
Amboy Paper Co., cardboard, Bridgeport, Pa.
Amboy Products Co., canned goods, Amboy, Ill.
Amboy Wks., electric & gas light portables, Perth Amboy, N. J.
Ambroid Co., varnish mfrs., 227 Miller av, Brooklyn, N. Y.
Ambrose, C. P., & Bro., cornices & skylights, Berkeley Springs, W. Va.
Ambrose, F. O., mill & facty. supplies, Janesville, Wis.
Ambrose, J. T., canned goods, Oakland, W. Va.
Ambrose Mach. Co., 254 Eagle, Brooklyn, N. Y.
Ambrose, Thomas B., hardware, wholesale, Nashua, N. H.
Ambursen Const. Co., wire rope tramways, 61 B'way, New York.
A. M. Machine Wks., mfrs. & general machines wk., 721 W. Washington, Chicago, Ill.
Amendt Milling Co., flour, Monroe, Mich.
America Htg. & Supply Co., Rockford, Ill.
Am. Abrasive Co., Westfield, Mass.
Am. Abrasive Mfg. Co. See Worcester Abrasive Co. (successors).
Am. Abrasive Metals Co., 50 Church, New York.
Am. Adding Mach. Co., Mills Bldg., San Francisco, Cal.
Am. Agricult. Chemical Co., fertilizer mfrs., 2 Rector, New York.
Am. Air Compressor Wks., 26 Cortlandt, New York.
Am. Alkali & Acid Co., Bradford, Pa.
Am. Alloys Co., metals, American Bldg., Baltimore, Md.
Am. Aluminum Fdry. Co., castings & match plates, 6833H S Irving av, Chicago, Ill.
Am. Aluminum Mfg. Co., Lemont, Ill.
Am. Aluminum Ware Co., 374 Jeliff av, Newark, N. J.
Am. Aniline Products, Inc., aniline colors & dyes, 80 5th av, New York.
Am. Antiformin Co., disinfectants, 322 9th, Brooklyn, N. Y.
Am. Appliance Co., lamps, Indianapolis, Ind.
Am. Appraisal Co., setting valuations, Stroh Bldg., Milwaukee, Wis.
Am. Arch. Co., loco. brick arches, etc., 30 Church, New York.
Am. Architect, trade publications, 243 W. 39th, New York.
Am. Aromatic Disinfector Co., 428 Walnut, Philadelphia, Pa.
Am. Art Bronze Fdry., 4921 W. Lake, Chicago, Ill.
Am. Art Metal Wks., bronze doors, 13 Grace, San Francisco, Cal.
Am. Art Papier Mache Wks., 6311 N. Clark, Chicago, Ill.
Am. Art Sign Co., 201 37th, Brooklyn, N. Y.
Am. Art Works, Coshocton, Ohio.
American Artisan & Hardware Record, trade publications, 616 S Michigan av, Chicago, Ill.
Am. Asbestos Co., Norristown, Pa.
Am. Asbestos & Mfg. Co., 58 Sutter, San Francisco, Cal.
Am. Asphalt Assn., asphalt miners, Wainwright Bldg., St. Louis, Mo.
Am. Auto Accessories Co., Blue Rock & C. H. & D. R. R. Cum., Cincinnati, O.
Am. Auto Lamp Co., 20 Desbrosses, New York
Am. Atmos Corp., See Draeger Oxygen Apparatus Co. (successors).
Am. Auto Top Mfg. Co., 1451 Wash. blvd., Chicago, Ill.
Am. Auto Trimmings Co., auto bodies, Taft av, Cleveland, Ohio
Am. Automatic Device Co., 515 W. Monroe, Chicago, Ill.
Am. Automatic Scale Co., 448 Huffman, av, Dayton, O.
Am. Autopress Co., printing press mfrs., 261 W. 36th, New York.
Am. Automatic Mach. Co., self-closing cocks & bibbs, 22 Lovering, Boston, Mass.
Am. Auxiliary Heating Co., 6 Beacon, Boston, Mass.
Am. Axe & Tool Co., Glassport, Pa.
Am. Axle Works, 12th & Montgomery av, Philadelphia, Pa.
Am. Badge Co., advtg. nov. & spec., 143 W. Austin av, Chicago, Ill.
Am. Bag Co., dlrs. in bags, burlap & twine, 3rd & Harrison, Oakland, Cal.
Am. Bag Co., Memphis, Tenn.
Am. Bakers Machy. Co., 2121 N. 9th, St. Louis, Mo.
Am. Balance Valve Co. See Young, C. C. (successor)
Am. Ball Chain Wks., 12 Wooster, New York.
Am. Ball Co., ball bearings, steel balls mfrs., 115 Clifford, Providence, R. I.
Am. Ball Valve & Mfg. Co., 578-80 Franklin, Detroit, Mich.
Am. Ballast Co., ground or pulverized limestone, Holston Nat. Bk. Bldg., Knoxville, Tenn.
Am. Balsa Co., Inc., 50 E. 42nd, New York.
Am. Bank Protection Co., alarms, 1201 S. 3rd, Minneapolis, Minn.
Am. Bar Lock Co., vault & sidewalk lights, Borden av, Long Island City, N. Y.
Am. Battery Co., 1132 Fulton, Chicago, Ill.
Am. Bauxite Co., Oliver Bldg., Pittsburgh, Pa.
Am. Bearing & Die Casting Corp., 212 W. McCarthy, Indianapolis, Ind.
Am. Beauty Stove Co., Erie, Pa.
Am. Bed Co., 1820H Park av, St. Louis, Mo.
Am. Bedding Co., Superior, Wis.
Am. Beet Sugar Co., Denver, Colo.
Am. Bell & Foundry Co., Northville, Mich.
Am. Belting Co.'s., Texas, Md.
Am. Belting & Tanning Co., 135 Oliver, Boston, Mass.
Am. Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, Ohio.
Am. Bisque Doll Co., 181 Chestnut, Newark, N. J.
Am. Bitumastic Enamels Co., preservative paint mfrs., 17 Battery pl. New York.
Am. Blacksmith Co., trade publications. 775 Main, Buffalo, N. Y.
Am. Blakeslee Mfg. Co., engines, Birmingham, Ala.
Am. Blakeslee Mfg. Co., fruit & vegetable packages, veneer cutting machy., gas engines, etc., Birmingham, Ala.
Am. Blangas Corp., liquefied chemicals & gases, 19 W. 44th, New York.
Am. Blank Book Mfg. Co., 150 Lafayette, New York.
Am. Blind Stitch Mach. Co., 325 Lafayette, New York.
Am. Block & Mfg. Co., Warren, Ohio.
Am. Blower Co., mchsts. & fndrs., 1400 Russell, Detroit, Mich.
Am. Blue Print Co., 30 E. 42d, New York.
Am. Blue Print Paper Co., drawing materials,445 Plymouth ct, Chicago, Ill.
Am. Blue Stone Co., Warsaw, N. Y.
Am. Boat Co., motor boat, Detroit, Mich.
Am. Body Co., auto. bodies, 1200 Niagara, Buffalo, N. Y.
Am. Body Co., 2715H, Commerce, Dallas, Texas.
Am. Boiler Welding Co., welding, 310 N. Halsted, Chicago, Ill.
Am. Boiler Wks., Erie, Pa.
Am. Bolt Co., Birmingham, Ala.
Am. Bolt & Screw Case Co., Dayton, Ohio.
Am. Bonding Co. of Baltimore, insurance, Fidelity Bldg., Baltimore, Md.
Am. Boron Products Co. See Boron Products Co., (successors),
Am. Bosch Magneto Corp., H, N Main, Springfield, Mass.
Am. Bottle Cap Mfg. Co., 53 E. Illinois, Chicago, Ill.
Am. Bottle Co., 38 S. Dearborn, Chicago, Ill.
Am. Bottle Co., Newark, Ohio.
Am. Box Ball Co., bowling alley bldrs., 1545 Vanburen, Indianapolis, Ind.
Am. Box Board Co., Grand Rapids, Mich.
Am. Box Co., packing box, 1900 W. 3d, Cleveland, O.
Am. Box & Lumber Co., Nashua, N. H., and Norfolk, Va.
Am. Brake Co., 1932 N. B'way, St. Louis, Mo.
Am. Brake Shoe & Fndry. Co., 30 Church, New York.
AMERICAN BRASS CO., brass, copper & nickel silver in the form of sheets, rolls, wire, rods & tubes, mfrs., Waterbury, Conn. *For Branch offices see adv. index at end of book.*
Am. Brass & Copper Co., 138 Lafayette, New York.
Am. Brass Fix. Wks., machsts., 66 Greenpoint av, B'klyn, N. Y.
Am. Brass Fndry. Co., Milwaukee, Wis.

Am. Brass & Glass Co., elec. & gas light fixtures, 190 N. La Salle, Chicago, Ill.
Am. Brass & Iron Co., machsts. & fndrs., castings, etc., 1 Crystal, Detroit, Mich.
Am. Brass Mfg. Co., cocks, stops & waste, 1521 E. 49th, Cleveland, Ohio.
Am. Brass Mfg. Co., fndrs., 731 Folsom, San Francisco, Cal.
Am. Brass Novelty Co., plumbers' supplies, Grand Haven, Mich.
Am. Brass Products Co., forgings, stampings & specialties, Pottstown, Pa.
Am. Bread & Pastry Board Co. See Imperial Mfg. Co., (successors).
Am. Briar Pipe Co., 170 W. Randolph, Chicago, Ill.
Am. Brick Co., Berlin, Conn.
Am. Brick Co., common brick, Scranton, Pa.
Am. Brick & Tile Co., Oklahoma, Okla.
Am. Bridge Co., bridge bldg., steel structl. wk., etc., 30 Church, New York.
Am. & British Mfg. Co., motor fire engines, steel projectiles, etc., Charles, Providence, R. I.
Am. Bronze Corp., bearings, bushings, castings, bronze, Berwyn, Pa.
Am. Bronze Co., fndrs., Buffalo, N. Y.
Am. Bronze Powder Mfg. Co., 16 Warren, New York.
Am. Broom & Brush Co., Amsterdam, N. Y.
Am. Broom Mfg. Co., Ltd., Short & Edenburg, New Orleans, La.
Am. Broom Supply Co., St. Louis, Mo.
Am. Brush Corp., 1222 W. Madison, Chicago, Ill.
Am. Buckle Co., West Haven, Conn.
Am. Bldg. Fdry. Co., 2300 S. Springfield av, Chicago, Ill.
Am. Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
Am. Bureau of Inspection, inspecting & testing engineers, Monadnock Blk., Chicago, Ill.
Am. Butter Cutting Mach. Co., Elmsford, N. Y.
Am. Button Co., 70 Morris av, Newark, N. J.
Am. Button Wks., 48 W. 21st, New York.
Am. Cabinet Co., dental furn., Two Rivers, Wis.
Am. Cabinet Mfg. Co., phonographs, Newport News, Va.
Am. Calk Co., steel toe-calks, 1217 Forest, Detroit, Mich.
Am. Camphor Refining Co., 14 Fulton, Boston, Mass.
Am. Can Co., 120 B'way, New York. *See adv index at end of book.*
Am. Car Co., 1518 S. Vandeventer av, St. Louis, Mo.
AM. CAR & FOUNDRY CO., car supplies, machinists & founders & ship bldrs.; 165 Broadway, New York
See adv index at end of book
Am. Car Sprinkler Co., Worcester, Mass.
Am. Carbolite Co., calcium carbide, Duluth, Minn.
Am. Carbon & Battery Works of National Carbon Co., Inc., E. St. Louis, Ill.
Am. Carbonic Machinery Co., ice & refrigerating machines, Grand Rapids, Wis.
Am. Card Clothing Co., Worcester, Mass.
Am. Carpenter & Bldr. Publishing Co., 1827 Prairie av, Chicago, Ill.
Am. Carpet & Upholstery Journal, Drexel bldg, Phila, Pa.
Am. Carrara Marble Co., Los Angeles, Cal.
Am. Carriage Co., 1275 Budd, Cincinnati, Ohio.
Am. Carriage Co., Kalamazoo, Mich.
Am. Carton Sealing Mach. Co., 1060 W. Harrison, Chicago, Ill.
Amer. Case Co., hard rubber products, 600H State, New Haven, Conn.
Am. Cash Register Co., Saginaw, Mich.
Am. Cast Iron Pipe Co., Birmingham, Ala.
Am. Casting Co., fndrs., cast iron pipe, culverts, etc., Birmingham, Ala.
Am. Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
Am. Cement Mach. Co., Keokuk, Ia.
Am. Cement Plaster Co., Lawrence, Kans.
Am. Cement Tile Mfg. Co., Oliver Bldg., Pittsburgh, Pa.
Am. Cereal-Coffee Co., cereal foods, 319 W. Chicago av, Chicago, Ill.
Am. Cereal Co., 17 Battery pl, New York.
Am. Chain Co., chain mfrs., Bridgeport, Conn.
Am. Character Doll Co., Inc., 67 Spring, New York
Am. Chemical Co., 640 Carr, Cincinnati, Ohio.
Am. Chemical & Dyestuff Co., 97 Oliver, Boston, Mass.
Am. Chemical & Mfg. Co., paint mfrs., 617 Monticello av, Norfolk, Va.
Am. Chemical & Mining Co., polish, Atlanta, Ga.
Am. Chemical Paint Co., 1118 S. 11th, Philadelphia, Pa.
See adv. index at end of book.
Am. Chime Clock Co., 1665 Ruffner, Philadelphia, Pa.
AMERICAN CHIMNEY CONSTRUCTION CO., radical & common brick; repairing done while in use, 118 N. La Salle, Chicago, Ill.
Am. Chimney Corp., 147 4th av, New York.
Am. Circular Loom Co., interior conduits, 90 West, New York, and Boston, Mass.
Am. City, trade publications, 154 Nassau, New York.
American Clay Machy. Co. See Hadfield-Penfield Steel Co. (successors)
Am. Clay Products Co., 175 5th av, New York.
Am. Clay Products Mfg. Co., potteries, Stillwater, Minn.
Am. Clip Co., filing devices, Beebe av, Long Island City, N. Y.
Am. Clothes Dryer Co., 224 W. 26th, New York.
Am. Coal Chute Co., 14 Buffington av, Newark, N. J.
Am. Coal Co. of Allegheny Co., 1 B'way, New York.
Am. Coal Mining Co., Brazil, Ind.
Am. Coating Mills, cardboard, boxboard, etc., Elkhart, Ind.
Am. Coke Corp, mfrs., 1607H Oliver bldg, Pittsburgh, Pa.
Am. Cold Japan Co., paint mfrs., Pittsburgh, Pa.
Am. Color Co., dyes, Indianapolis, Ind.
Am. Colortype Co., calendars, 207 W. 25th, New York.
Am. Column Co., steel columns, Battle Creek, Mich.
Am. Column & Lumber Co., St. Albans, W. Va.
Am. Commercial Car Co., auto bldrs., Gratiot av & Detroit Terminal R. R., Detroit, Mich.
Am. Commercial Corp., bags, baskets, etc., 120 B'way, New York.
Am. Compound Co., case hardening compounds, 469 Atlantic av, Boston, Mass.
Am. Compressor & Pump Co., 801 E. Pratt, Baltimore, Md.
Am. Computing Co., cheese cutters, Indianapolis, Ind.
Am. Concrete Paving Co., 166 Georgia, Buffalo, N. Y.
Am. Concrete Filler Co., Hippodrome Annex, Cleveland, Ohio.
Am. Concrete Steel Co., 27 Clinton av, Newark, N. J.
Am. Condenser & Engng. Corp., 120 B'way, New York.
Am. Conduit Co., East Chicago, Ind.
Am. Conduit Mfg. Co., Keystone Bldg., Pittsburgh, Pa.
Am. Constr. Co., Falls City, Neb.
Am. Constr. Co., Castle Hall bldg, Indianapolis, Ind.
Am. Construction Co., dams, bulkheads, breakwaters, etc., Marion Bldg., Cleveland, Ohio.
Am. Contrg. Co., Title Guaranty Bldg., St. Louis, Mo.
Am. Contractor Publishing Co., 6 N. Mich., Chicago, Ill.
Am. Cooperage Co., Helena, Ark.
Am. Copper & Brass Wks., copper pans, stills, tanks, etc., 614 E. Front, Cincinnati, Ohio.
Am. Copper Products Corp., wire, Dept. H, Bayway & S Front, Elizabeth, N. J.
Am. Cork Co., 16 Blackstone, Boston, Mass.
Am. Corn Mill Co., Winston-Salem, N. C.
Am. Cornice Works, 966 E. 4th, Los Angeles, Cal.
Am. Cornice Wks., 3 Charles, Providence, R. I.
Am. Cotter Pin Co. See Am. Steel Co. (successors)
Am. Cotton Mills Co., cheese cloth, 353 B'way, New York.
Am. Cotton Oil Co., 65 B'way, New York.
Am. Crayon Co., 1300 Hayes av, Sandusky, Ohio.
Am. Creosote Works, Southport, New Orleans, La.
Am. Creosoting Co., Louisville, Ky.
Am. Creosoting Co., Bogalusa, La. *See adv. index at end of book.*
Am. Creosoting Co., creosoting works, 17 Battery pl, New York.
Am. Crucible Furnace Co., Elyria, O.
Am. Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Philadelphia, Pa.
Am. Culvert Co., steel coal bins, Albert Lea, Minn.
Am. Cutlery Co., 764 Mather, Chicago, Ill.
Am. Cyanamid Co., chemicals, 511 5th av, New York.
Am. Di-Electrics, Ltd., insulating cloth & varnish, 95 Liberty, New York
Am. Die & Tool Co., manufacturing machinists, Reading, Pa.
Am. Directory of the Knitting Trade, 334 4th av, New York
Am. Disinfectant Wks., Buffalo, N. Y.
Am. Disinfecting Co., Sedalia, Mo.
Am. Display Co., advtg. novelties, Dayton, Ohio
Am. Distilling Co. of N. Y., 49 Washington, New York.
Am. Distilling Co., Pekin, Ill.
Am. Distributing Co., distributors, 27 William, New York.
Am. District Steam Co., heating contrs. & steam fitters' supplies, North Tonawanda, N. Y.
Am. Doll Mfg. Co., 61 Wooster, New York.
Am. Drafting Furniture Co., 129 Mill, Rochester, N. Y.
Am. Dredge Building & Constr. Co., Seattle, Wash.
Am. Dredging Co., Mariners' & Merchants' Bldg., Phila., Pa.
Am. Dredging Co., 255 California, San Francisco, Cal.
Am. Dressler Tunnel Kilns, Inc., 1740 E 12th, Cleveland, Ohio
Am. Drop Forger, trade publication, 108 Smithfield, Pittsburgh, Pa.
Am. Dry Plate Co., Worcester, Mass.
Am. Duplicator Co., 3 Coenties sl, New York.
Am. Duralumin Co., 11 Pine, New York.
Am. Dust Absorbing Floor Oil Co., 100 Greene, New York.
Am. Dyewood Co., 80 Maiden la, New York.
Am. Dynalite Co., Amherst, Ohio.
Am. Electric Air Pump Co., compressors (air), Penn & Barbeau, Pittsburgh, Pa.
Am. Electric Battery Wks., 100 Grand, New York.
Am. Elec. Co., tele. apparatus & lightning arresters, 6401 S. State, Chicago, Ill.
Am. Elec. Cutting Mach. Co., 410 E. 32d, New York.
Am. Elec. Lamp Wks. of G. E. Co., Central Falls, R. I.
Am. Elec. Mach. & Elev. Co., 1706 N. 12th, St. Louis, Mo.
Am. Elec. Tool Co., machsts., drills, W. Newton, Mass.
Am. Elec. Welding Co., 200 5th av, New York.
Am. Elec'l. Heater Co., machst., Burroughs & Woodward av, Detroit, Mich.
Am. Electrical Works, cables, coils, wires, etc., Phillipsdale, R. I.
Am. Elevator Co., 117 Cedar, New York.
Am. Elevator & Electric Co., 511 Poydras, New Orleans, La.
Am. Elevator & Machine Co., Louisville, Ky.
Am. Emblem Co., Inc., advtg. novelties, 333 Columbia, Utica, N. Y.
Am. Emery Wheel Works, 325 Waterman, Providence, R. I.
Am. Enamel Co., wood turners & enamelers & enamel mfrs., Providence, R. I.
Am. Enameled Brick & Tile Co., brick mfrs., 52 Vanderbilt av, New York.
Am. Enameled Magnet Wire Co., Muskegon, Mich.
Am. Enameling Mfg. Corp., Rahway, N. J.
Am. Encaustic Tiling Co., tile mfrs., 16 E. 40th, New York.
Am. Engine & Boiler Wks., Tonawanda, N. Y.
Am. Engine Co., rowboat motors, 2d & Amsterdam, Detroit, Mich.
Am. Engine & Fdry. Co., farm elec. ltg. systems, Charles City, Ia.
Am. Engineering Co., shipbuilding machinery, Philadelphia, Pa.
Am. Envelope Co., 817 Washington blvd, Chicago, Ill.
Am. Envelope Co., West Carrollton, Ohio.
Am. Equipt. Co., bolts, nuts & rivets, Norristown, Pa.
Am. Evaporator Co., 222 N. Front, Philadelphia, Pa.
Am. Ever Ready Wks. of Nat. Carbon Co., electrical specialties, battery holders, Thompson av, L. I. City, N. Y.
Am. Expansion Bolt Co., 4077 Park, New York.
Am. Extract Co., 10H So La Salle, Chicago, Ill.
Am. Face Brick Assn., Fulton Bldg., Pittsburgh, Pa.
Am. Fastener Co., Waterbury, Conn.
Am. Feather Duster Co., 23 Great Jones, New York.
Am. Felt Co., 100 Summer, Boston, Mass.
Am. Fence Const. Co., steel, 96 Church, New York.
Am. Ferrofix Brazing Co., Perry Bldg., Philadelphia, Pa.
Am. Fertilizer, trade publications, 1010 Arch, Philadelphia, Pa.
Am. Fertilizer Co., Savannah, Ga.
Am. Fertilizing Co., Norfolk, Va.
Am. Fibre Chair Seat Corp., 540 Van Alst av, Long I. City, N. Y.
Am. Fibre Co., Jacksonville, Fla.
Am. Fiber Package Co., div. of Am. Box Board Co., Grand Rapids, Mich.
Am. Fidelity Co., insurance, Montpelier, Vt.
Am. File Renewing Co., 85 Kimball, Providence, R. I.
Am. Film Co., moving picture films, 6227 B'way, Chicago, Ill.
Am. Filter Co., 665 Buffum, Milwaukee, Wis.
Am. Fire Alarm Co., 967 Liberty av, Pittsburgh, Pa.
Am. Fire App. Co., 30 E. 42d, New York.
Am. Fire Brick Co., Spokane, Wash.
Am. Fire Clay Co., American Trust Bldg., Cleveland, Ohio.
Am. Fisheries Co., shipdldr., Bellingham, Wash.
Am. Fixture & Mfg. Co., Troy, Ohio.

Am. Flag Co., 73 Mercer, New York.
Am. Flag Mfg. Co., Easton, Pa.
Am. Flexible Bolt Co., Union Bank Bldg., Pittsburgh, Pa.
Am. Flint Co., silex, Iron City, Tenn.
Am. Floor Surfacing Machine Co., Toledo, Ohio.
Am. Flyer Mfg. Co., toys, games & nov., 2219 S. Halstead, Chicago, Ill.
Am. Folding Box Co., 21 W. 4th, New York.
Am. Folding Machine Co., paper folding machines, Warren, Ohio.
Am. Forge Co., 25 Tehama, San Francisco, Cal.
Am. Forge & Mach. Co., Canton, Ohio.
Am. Forge Wks., Denver, Colo.
Am. Forging & Socket Co., auto bow sockets, Pontiac, Mich.
Am. Forging Co., Clifton, N. J.
Am. Fork & Hoe Co., Swetland Bldg., Cleveland, Ohio.
Am. Fdry. & Casting Co., Dayton, Ohio.
Am. Fdry. Co., Indianapolis, Ind.
Am. Fdry. & Construction Co., steam heating contractors, expansion joints, etc., 2d av. & Longworth, Pittsburgh, Pa.
Am. Fdry. Equip. Co., 366 Madison av, New York
Am. Fdry. & Furnace Co., furnace & boilers, Bloomington, Ill.
Am. Fdry. & Mach. Co., Hamilton, Ohio.
Am. Fdry. & Mfg. Co., galvanizing works, Frederick, Md.
Am. Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Am. Fdry. & Pipe Co., Penn Station, Pa.
AMERICAN FROG & SWITCH CO. (THE), Hamilton, Ohio. *See adv. index at end of book.*
Am. Fuel Savings Corp., Fort Wayne, Ind.
Am. Funeral Director trade publication, Grand Rapids, Mich.
Am. Furn. Co., Dept. H, Batesville, Ind.
Am. Furn. Co., Dept. H. Martinsville, Va.
Amer. Furn. & Fixture Co., 2823H, Lester, Richmond, Va.
Amer. Furn. Novelty Co., 2004H, W Lake, Chicago, Ill.
Am. Furnace Co., 2725 Morgan, St. Louis, Mo.
Am. Galco, Inc., oil cups, Grand Central Palace, New York.
Am. Galvanizing Co., 3300 Grays Ferry av, Philadelphia, Pa.
Am. Gas Construction Co., Newtown, Iowa.
Am. Gas Engine Co., 11th & Winchester av, Kansas City, Mo.
Am. Gas Fixture Works, 1235 Filbert, Philadelphia, Pa.
Am. Gas Furnace Co., 24 John, New York.
Am. Gas Governor Wks., Inc., 81-33 E. 27th, New York.
Am. Gas Engng. Journal, 150 Nassau, New York
Am. Gas Machine Co., Inc., lamps, lighting systems, washing machines,, etc., Albert Lea, Minn. & 78 Reade, New York
Am. Gauge Co., Dayton, Ohio
Am. Gauze & Cotton Co., Inc., 407 N. 8th, St. Louis, Mo.
Am. German Boiler Compound Co., 30 N. Dearborn, Chicago, Ill.
Am. Glass Co., Ada, Okla.
Am. Glass Spec. Co., lantern globes, Monaca, Pa.
Am. Glass Wks., bottles, Richmond, Va.
Am. Glove Co., 2027 Churchill, Chicago, Ill.
Am. Glue Co., 121 Beverly, Boston, Mass.
Am. Glycerin Co., nitro glycerin & oil & gas well shooting, Dept. H, Wilmington, Del.
Am. Golf Glove Co., 5127 Lena, Gtn., Philadelphia, Pa.
Am. Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.
Am Granite Co., Hardwick, Vt.
Am. Granite Co., 15th & Cleveland avs, Milwaukee, Wis.
Am. Granite Saw Co., Worcester, Mass.
Am. Graphite Co., baking enamels, Cleveland, Ohio.
Amer. Graphite Co. See Consumers Graphite Co. (successors)
Am. Graphophone Co., fndrs., Bridgeport, Conn.
Am. Graphophone Co., Woolworth Bldg., New York.
Am. Grinder Mfg. Co., 718 Poplar, Milwaukee, Wis.
Am. Grocer, trade publication, 90 Broadway, New York.
Am. Grondal Co., furnaces, 120 Broadway, New York.
Am. Guard Rail Fastener Co. See M. W. Supply Co. (successors)
Am. Gum Products Co., core compounds, 200 5th av, New York.
Am. Gut String Mfg. Co., 5415 S. Ashland av, Chicago, Ill.
Am. Gypsum Co., wall plaster mfrs., Rochester, N. Y.
Am. Hair Cloth Co., Pawtucket, R. I.
Am. Hair Felt Co., 41st & Madison av, New York.
Am. Hame & Bit Co., mchsts. & fndrs., 59 N. J. R. R. av, Newark, N. J.
Am. Hammered Piston Ring Co., Bush & Hamburg, Baltimore, Md.
Am. Handle Co., Jonesboro, Ark.
Am. Hard Rubber Co., rubber goods mfrs., 9 Mercer, New York, & Akron, Ohio.
Am. Hard Wall Plaster Co., Utica, N. Y.
Am. Hardware Equipment Co. (wholesale), Charlotte, N. C.
AMERICAN HARDWARE JOBBERS DIRECTORY, 107 6th, Pittsburgh, Pa. *See adv index at end of book*
Am. Hdwe. Stores, Inc., hdwe., mill. facty., & auto supplies, Fairfield & Middle, Bridgeport, Conn.
Am. Hardware & Supply Co., 43 Terminal Way, Pittsburgh, Pa.
Am. Hardwood Lbr. Co., North Market & 1st, St. Louis, Mo.
Am. Hatter, trade publication, 1182 B'way, New York.
Am. Heater Co., 1100 N 6th, St. Louis, Mo.
Am. Heating Co., 7034 B'way, S. E., Cleveland, Ohio.
Am. Heating Co., Duluth, Minn.
Am. Heating Spec. Co., box 344, Peru, Ind.
Am. Heating & Supply Co., Rockford, Ill.
Am. Hide & Leather Co., 1330 Elston av, Chicago, Ill.
Am. High Speed Chain Co., Indianapolis, Ind.
Am. High Speed Press Co., 52 W. 23rd, New York.
Am. Hog Post Co., oilers, Peoria, Ill.
Am. Hoist & Derrick Co., hoists & derricks, St. Paul, Minn.
Am. Hollow Boring Co., hollow bored forgings & steel shifts, 1055 W 19th, Erie, Pa.
Am. Home Mixture Guano Co. See L. G. Council Fertilizer Wks. (successors).
Am. Hominy Co., Indianapolis, Ind.
Am. Hone Co., Olean, N. Y.
Am. Horse Shoe Co., iron rolling & steel bar mills, Phillipsburg, N. J.
Am. Hosiery Co., New Britain, Conn.
Am. Huhn Metallic Packing Co., 233 B'way, New York.
Am. Hydrating Co., lime hydrating machy., Md. Trust Bldg., Baltimore, Md.
Am. Ice Co., tongs, 6th & Arch, Philadelphia, Pa.
Am. Incandescent Heat Co., Inc. See Industrial Furnace Corp. (successors).
Am. Injector Co., machsts. & brass fndrs., injectors & ejectors, 173 14th av, Detroit, Mich.
Am. Industrial & Engng. Co., 53 W. Jackson blvd, Chicago, Ill.
Am. Institute of Architects, N. Y. av, Washington, D. C.
Am. Instrument Wks., Inc., jigs, machine screws, etc., 18 E Lacock, Pittsburgh, Pa.
Am. Insulated Wire & Cable Co., 954 W. 21st, Chicago, Ill.
Am. Insulating Machinery Co., wire winding & covering machinery, Fairhill & Huntingdon, Philadelphia, Pa.
Am. Insulation Co., pipe & boiler covering, Roberts av & Stokley, Philadelphia, Pa. *See adv index at end of book.*
Am. Insulator Co., Inc., New Freedom, Pa.
Am. International Shipbuilding Corp., Hog Island, Philadelphia, Pa.
Am. Iron & Metal Co., scrap rubber, 140 Oliver, Boston, Mass.
Am. Iron & Supply Co., scrap iron & steel, 110 S. Dearborn, Chicago, Ill.
Am. Iron & Supply Co., oil well supplies, Marietta, Ohio.
Am. Iron & Wire Wks., 1622 Carroll av, Chicago, Ill.
Am. Iron & Wire Wks., architect'l & ornamental, Seattle, Wash.
Am. Iron Works, Des Moines, Ia.
Am. Iron Wks., machsts., Louisville, Ky.
Am. Ironing Machine Co., 168 N. Michigan, Chicago, Ill.
Am. Jobbers' Supply Co., cross arms & pole line hdwe., 233H B'way, New York
Am. Kardex, filing devices, Tonawanda, N. Y.
Am. Kersey Co., woolen blankets, Litchfield, Minn.
Am. Key Can Co., 140 S. Dearborn, Chicago, Ill.
Am. Keyless Lock Co., 619 W. Jackson, Chicago, Ill.
Am. Knife Co., Baldwinsville, N. Y.
Am. Knitting Co., bathing suit mfrs., Honesdale, Pa.
Am. Knitting Co., bathing suits, Waltham, Mass.
Am. Knitting Mills, sweaters, etc., Cent'l Trust Bldg., Phila., Pa.
Am. Kron Scale Co., 430 E. 53rd, New York.
Am. Krupp System-Diesel Engine Co., machsts., 165 Broadway, Brooklyn, N. Y.
Am. Label & Advtg. Tape Co., 60 Cooper Sq., New York.
Am. Label Co., 216 W. 18th, New York.
Am. Label Mfg. Co., Cross & Covington, Baltimore, Md.
Am. Lace Leather Co., belt lacing, Richmond, Va.
Am. Lace Paper Co., 419 3rd, Milwaukee, Wis.
Am. Lacquer Co., Bridgeport, Conn.
Am. La France Fire Engine Co., Elmira, N. Y.
Am. Lamp Wks., 253 W. 47th, New York.
Am. Laundry Machy. Co., Cincinnati, Ohio.
Am. Lava Corp., acetyl. gas burner, tile mfrs. & miners, Chattanooga, Tenn.
Am. Lawn Mower Co., Muncie, Ind.
Am. Lead Burning Co., Inc., 30 Church, New York.
Am. Lead Co., bar, 3116 Penn av, Pittsburgh, Pa.
Am. Lead Pencil Co., 220 5th av, New York.
Am. Leather Mfg. Co., Newark, N. J.
Am. Leather Products Co., Indianapolis, Ind.
Am. Lightning Rod Co., Omaha, Neb.
Am. Lime & Stone Co., Tyrone, Pa.
Am. Line Materials Co., cross-arms & underground conduits, 332 S. Michigan, Chicago, Ill.
Am. Linoleum Mfg. Co., 366 5th av, New York.
Am. Linseed Co., 79 Milk, Boston, Mass.
Am. Linseed Co., Majestic Bldg., Detroit, Mich.
Am. Linseed Co., Woolworth Bldg., New York.
Am. Locknut Co., Peoples Gas bldg, Chicago, Ill.
Am. Lock Nut & Tool Co., mchsts. & fdrs., Oregon, Ill.
Am. Locomotive Co., mchsts. & fndrs., 30 Church, New York, & Beaver & Stanton, Pittsburgh, Pa.
Am. Logging Tool Co., Evart, Mich.
Am. Loom, Harness & Reed Co., Greenville, S. C.
Am. Loose Leaf Mfg. Co., 121 N. Green, Chicago, Ill.
Am. Lubricator Co., mchsts. & fndrs., Summit & Wabash Ry., Detroit, Mich.
Am. Lumber & Cedar Co., 209 Lumber exch., Minneapolis, Minn.
Am. Lumber Co., 901 S. Caroline, Baltimore, Md.
Am. Lumber Co., Merryville, La.
Am. Lbr. Co., 30 Church, New York.
Am. Lbr., Duluth, Minn.
Am. Lumber & Export Co., Birmingham, Ala.
Am. Lumber & Mfg. Co., Peoples Bank, Pittsburgh, Pa.
Am. Luminous Products Co., paint, powder, cardboard, radium, zinc salts, etc., Huntington Park, Cal.
Am. Luxfer-Prism Co., glass constructions, 1305 S. 55th, Chicago, Ill.
Am. McKenna Process, iron rail & rolling mills, 373 B'way, Milwaukee, Wis.
Am. Mach. Co., paper slitting & tagging machy., Newark, Del.
Am. Machine Co., Newark, Ohio.
Am. Machine Products Co., pistons, muffler cut outs, wheel-pullers & gauges, Marshalltown, Iowa
Am. Mach. Tool Engng. Wks., 21854 Kenzie, Chicago, Ill.
Am. Mach. & Foundry Co., cigar & cigarette packing, & tobacco machy., 5520 2d av, Brooklyn, N. Y.
Am. Mach. & Mfg. Co., cottonseed hullers, Atlanta, Ga.
Am. Mach. Works, dlrs., 518-24 4th, Oakland, Cal.
Am. Machy. Co., dlrs., Atlanta, Ga.
Am. Machy. Co., carton sealing machines, 330 N. 12th, Philadelphia, Pa.
Am. Machy. Co., mchsts. & fdrs., Port Huron, Mich.
Am. Machy. Co., steel split pulleys, 103 W. Water, Milwaukee, Wis.
Am. Machy. Exchange, machinery dlrs., 217 Centre, New York.
Am. Machinery & Supply Co., 1515 Jackson, Dallas, Texas
Am. Machsts., trade publication, 10th av & 36th, New York.
Am. Made Stuffed Toy Co., 123 Bleecker, New York.
Am. Magnesia & Covering Co., magnesia pipe coverings, Plymouth Meeting, Pa.
Am. Magnesia Products Co., sanitary flooring, 418 W. 12th pl, Chicago, Ill.
Am. Magnesium Corp., ferro-metals—magnesium, Niagara Falls, N. Y.
Am. Mailing Device Corp., 103 Park av, New York.
Am. Maize-Products Co., oils, 135 William, New York.
Am. Malleable Casting Co., Marion, Ohio.
Am. Malleable Co., machsts., Owosso, Mich.
Am. Malleables Co., malleable iron castings, Lancaster, N. Y.
Am. Malting Co., 120 B'way, New York.
Am. Manganese Bronze Co., bronze castings, 3501 Rhawn, Philadelphia, Pa.
Am. Manganese Mfg. Co., ferro-manganese, Bullitt Bldg., Philadelphia, Pa.
Am. Manganese Steel Co., Dept. H, 14th & State, Chicago Heights, Ill.
Am. Mangle & Roller Co., laundry machy., Racine, Wis.

Am. Mfg. Co., catalog envelopes & shipping tags, Battle Creek, Mich.
Am. Mfg. Co., cordage & twine mfrs., West, Brooklyn, N. Y.
Am. Mfg. Co., filters, Dayton, Ohio.
Am. Mfg. Co., grass catchers, Columbus, Ohio.
Am. Mfg. Co., hdwe-cabinet & saddlery, Chattanooga, Tenn.
Am. Mfg. Co., sashes, doors & blinds, 2101 Louisiana, New Orleans, La.
Am. Mfg. Co., soda water fountains, Memphis, Tenn.
Am. Mfg. Co., table silverware, Meriden, Conn.
Am. Mfg. Co., waterproofing materials & shingle stains, 114 Plymouth av N., Minneapolis, Minn.
Am. Mfg. Concern, advtg. novelties, Falconer, N. Y.
Am. Mfrs. Supply Co., wiping cloths, 1415 Orleans, Detroit, Mich.
Am. Marble Mosaic Co., floors, 534 Market, Milwaukee, Wis.
Am. Marine Brass Fdry. Co. 203 Diamond, Brooklyn, N. Y.
Am. Marine Iron Wks., Portland, Ore.
Am. Marine Supplies Co., whol. hdwe., 260 Market, Newark, N.J.
Am. Mason Safety Tread Co., safety stair treads, Lowell, Mass.
Am. Materials Co., sanitary flooring, 101 Park av, New York.
Am. Mattress Co., 5 Wey, Boston, Mass.
Am. Mechanical Toy Co., Dayton, Ohio.
Am. Mercantile Co., fishing poles, Tacoma, Wash.
Am. Metal Bed Co., 42 Clifton, Newark, N. J.
Am. Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.
Am. Metal Co., 61 Broadway, New York.
Am. Metal Furniture Co., dental & surgical furn., Indianapolis, Ind.
Am. Metal Fusing & Cutting Co., autogenous welding, 1004 Stunter, Long Island City, N. Y.
Am. Metal Form Co., concrete forms, 343 S. Dearborn, Chicago, Ill.
Am. Metal Hose Co., flexible metallic hose & tubing mfrs., Waterbury, Conn.
Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
Am. Metal Polish Co., W. Somerville, Mass.
Am. Metal Products Co., h'ware specialties, 72 W. Adams, Chicago, Ill.
Am. Metal Shoe Co., Racine, Wis.
Am. Metal Treatment Co., Elizabeth, N. J.
Am. Metal Ware Co., bedstead mfrs., sheet metal stamping, 368 W. Huron, Chicago, Ill.
Am. Metal Weather Strip Co., weather strips, Grand Rapids, Mich.
Am. Metal Works, metal stamping & dies, 1 Stenton & Rockland, Philadelphia, Pa.
Am. Metallic Packing Co., Lexington, Ky.
Am. Meter Co., fndrs., 2112 N. 17th, Philadelphia, Pa.
Am. Mica Co., Newton Lower Falls, Mass., and 52 B'way, New York.
Am. Mica Products Co., 32 N. Dearborn, Chicago, Ill.
Am. Milk Co., canned, 324 W. Kinzie, Chicago, Ill.
Am. Mill Co., lumber, Aberdeen, Wash.
Am. Mills Co., cordage & twine, Atlanta, Ga.
Am. Mills Co., woolen carriage cloth, Rockville, Conn.
Am. Mills Co., cotton & elastic webbing, Waterbury, Conn.
Am. Milling Mach. Co., Cincinnati, O.
Am. Mine Door Co., Canton, Ohio.
Am. Mineral Co., talc mfrs., soapstone, Johnson, Vt.
Am. Mining Tool Co., Ottumwa, Ia.
Am. Mirror Co., 160 Reed, Milwaukee, Wis.
Am. Mirror Wks., Butler, Pa.
Am. Moistening Co., mine sprayers, humidifying apparatus, 120 Franklin, Boston, Mass.
Am. Mold Co., 235 Cherry, Philadelphia, Pa.
Am. Moulding Machine Co., Terre Haute, Ind.
Am. Monolith Co., sanitary flooring, 97 Wisconsin, Milwaukee, Wis.
Am. Morocco Case Co., 217 E. 38th, New York.
Am. Mosaic & Tile Co., Louisville, Ky.
Am. Motor Body Co., ry. car seats, pressed steel specialties, etc., Dept. H, 18th & Lehigh av, Phila., Pa.
Am. Motor Equipment Co., mchsts. & fdrs., 181 Mass av, Boston, Mass.
Am. Motor Truck Co., Newark, Ohio.
Am. Motor Vehicle Co., Lafayette, Ind.
Am. Motorist, trade publication, 501 5th av, New York.
Am. Motors Corp., Plainfield, N. J.
Am. Motorcycle Mfg. Co., Inc., Louisville, Ky.
Am. Multiple Fabric Co., 183 Hartford av, Providence, R. I.
Am. Multigraph Sales Co., multigraphs, etc., 1832 E. 40th, Cleveland, Ohio.
Am. Name Plate Co., 352 Atlantic av, Boston, Mass.
Am. National Co., children's vehicles, doll & baby carriages, invalid chairs, velocipedes & coaster wagons, etc., Toledo, Ohio.
Am. Net & Twine Co., 575 Atlantic av, Boston, Mass.
Am. Nickel Wks., plating, show case & store fixture hdwe., 1415H Dayton, Chicago, Ill.
Am. Nickeloid Co., Peru, Ill.
Am. Nitrogen Products Co., Seattle, Wash.
Am. Novelty Paper Co., Saugerties, N. Y.
Am. Novelty Wks., dowels & wood handles, Wellsville, N. Y.
Am. Numbering Mach. Co., 224 Shepherd, Brooklyn, N. Y.
Am. Nut & Bolt Fastener Co., lock washers, Ontario & Doerr, Pittsburgh, Pa.
Am. Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, Ohio.
Am. Ocarina & Toy Co., Inc., 69 Bruen, Newark, N. J.
Am. Oil Co., lubrg. oils, American Bldg., Baltimore, Md.
Am. Oil Corp., lubrg., Jackson, Mich.
Am. Oil Co., 180 S. Water, Providence, R. I.
Am. Oil & Disinfectant Co., 196 Water, New York.
Am. Oil & Lubricant Wks., Rochester, N. Y.
Am. Oil & Paint Co., 284 Perry, San Francisco, Cal.
Am. Oil Products Co., lubricants, 1426-30 Seneca, Buffalo, N. Y.
Am. Oil Products Co., hydrogenated oils, Logansport, Ind.
Am. Oil Pump & Tank Co., Findley & Dalton, Cincinnati, Ohio
Am. Oil Refining Co., boiler compounds, 2066 Milwaukee, Chicago, Ill., and 325 Walton av, New York.
Am. Oil & Supply Co., 238 Wilson av, Newark, N. J.
Am. Oil & Tank Line Co., petroleum, St. Paul, Minn.
Am. Oil Treating & Hardening Co., lubrg. oils, Ivorydale, Cincinnati, Ohio.
Am. Oil Wks. (Ltd.), Titusville, Pa.
Am. Oleite Soles Co., belts, harness, shoe dressing & rust preventives, 1404 N. Park Pl, St. Louis, Mo.
Am. Olive Co., canned, Los Angeles, Cal.
Am. Optical Co., goggles & eye protectors, lenses & watch crystals, Southbridge, Mass.
Am. Ore Reclamation Co., 71 B'way, New York.
Am. Oven & Mach. Co., 111 W. Washington, Chicago, Ill.
Am. Oxhydric Co., oxygen gas, ft. 32d, Milwaukee, Wis.
Am. Oxygen Assn., 134 Eliot, Boston, Mass.
Am. Oxygen Co., gas, Perry Bldg., Philadelphia, Pa.
Am. Oxygen Co., oxy-acet. welding app., 2d & Elm, Cincinnati, O.
Am. Packing Co., canned goods, Everett, Wash.
Am. Pad & Ink Co., 22d & Glenwood av, Philadelphia, Pa.
Am. Pad & Paper Co., Holyoke, Mass.
Am. Pad & Textile Co., Greenfield, Ohio.
Am. Paint & Glass Co., 131 Fort, W., Detroit, Mich.
American Paint Journal, trade publication, American Paint Journal Co., Pontiac bldg, St. Louis, Mo.
American Paint & Oil Dealer, trade publication, American Paint Journal Co., Pontiac bldg, St. Louis, Mo.
Am. Paint Works, 428 Josephine, New Orleans, La.
Am. Paper Goods Co., Kensington, Conn.
Am. Paper Products Co., East Liverpool, Ohio.
Am. Paper Products Co., 2d & Bremen av, St. Louis, Mo.
Am. Paper Stock Co. See American Manufacturers Supply Co. (successors)
Am. Paper Tube Co., Woonsocket, R. I.
Am. Papeterie Co., envelopes, writing paper, etc., Albany, N. Y.
Am. Parlor Frame Co., Dept. H, Sheboygan, Wis.
Amer. Parlor Furn. Co., 421H N Lincoln, Chicago, Ill.
Am. Parquetry Floor Co., 802 Bailey Bl., Philadelphia, Pa.
Am. Pattern Co., 3336 Market, Philadelphia, Pa.
Am. Pattern Mfg. Co., Keystone, Youngstown, Ohio.
Am. Pattern Wks., Dubois & Clay, Detroit, Mich.
Am. Paving & Constr. Co., Marshall Bldg., Cleveland, Ohio.
Am. Paving & Contracting Co., Montebello av, Baltimore, Md.
Am. Pearl Button Co., Washington, Ia.
Am. Pearl Button Wks., 143 W. 19th, New York.
Am. Pedometer Co., New Haven, Conn.
Am. Perforated Metal Co., Belleville, N. J.
Am. Perforator Co., 621 W. Jackson blvd., Chicago, Ill.
Am. Pharmacal Co., tinc. of iodine, soap liniment, etc., 819 N. 2nd, Phila., Pa.
Am. Phonograph Co., talking machs., 322 E. 23rd, New York.
Am. Phonoparts Co., motors, 501 W. 35th, Chicago, Ill.
Am. Phosphorus Co., 3d & Dauphin, Philadelphia, Pa.
Am. Photographic Paper Co., 2304 Washington, Boston, Mass.
Am. Piano Co., 439 5th av, New York.
Am. Pickle & Canning Co., Wiggins, Miss.
Am. Pig Tail Co., St. Marys, Pa.
Am. Pile Driving Co., Everett, Wash.
Am. Pin Co., plbg. supplies, gas & elec. fixture parts, etc., Waterbury, Conn.
Am. Pipe Bending Mach. Co., 39 Pearl, Boston, Mass.
Am. Piston Ring Co., 704 S. 11th, Newark, N. J.
Am. Pitch Co., sealing wax, etc., 414 Water, Cincinnati, Ohio.
Am. Plaster Drill, 717 E. 140th, Brooklyn, N. Y.
Am. Plate Glass Co., Kane, Pa.
Am. Platinum Works, 231 N. J. R. R. av, Newark, N. J.
Am. Player Action Co., 122 Troop av, New York.
Am. Playground Device & Swing Co., Terre Haute, Ind.
Am. Plumbers' Supply Co., Toledo, Ohio.
Am. Plbg. & Steam Supply Co., Tacoma, Wash.
Am. Plumbing Mfg. Co., 164 Atlantic av, Brooklyn, N. Y.
Am. Pneumatic Chuck Co., 9 So. Clinton, Chicago, Ill.
Am. Pneumatic Service Co., 100 Boylston, Boston, Mass.
Am. Portable House Co., Seattle, Wash.
Am. Porcelain Co., East Liverpool, Ohio.
Am. Post Office Equipment Co., 343 S. Dearborn, Chicago, Ill.
Am. Postal Machines Co., 295 Congress, Boston, Mass.
Am. Powder Mills, Board of Trade Bldg., Boston, Mass.
Am. Power Co., fuel economizers, 630 Washington, Boston, Mass.
Am. Perforator Co., 621 Jackson, Chicago, Ill.
Am. Press Brick Co., 6500 Easton av, St. Louis, Mo.
Am. Press Cloth Co., Columbia, S. C.
Am. Pressed Steel Co., floor plates, Commercial Trust Bldg., Philadelphia, Pa.
Am. Pressing Iron Co., 48 E. 8th, New York.
Am. Pressweld Radiator Corp., auto radiators, G. T. R. R. & Euclid, Detroit, Mich.
Am. Printer, trade publication, 231 W. 39th, New York.
Am. Printers' Roller Co., printers' paste, glue, etc., 314 W. Grand av, Chicago, Ill.
Am. Printing Ink Co., 2314 W. Kinzie, Chicago, Ill.
Am. Printing Ink Co., 1127 W. 6th, Cincinnati, Ohio.
Am. Process Co., drying apparatus mfrs., 68 William, New York. *See adv index at end of book.*
Am. Products Sales Co., Grand Central Palace, New York.
Am. Propeller & Mfg. Co., airplane, Covington & Gittings, Baltimore, Md.
Am. Pulley Co., 114 S. Clinton, Chicago, Ill.
Am. Pulverizer Co., 1729 Austin, St. Louis, Mo.
Am. Pumice Co., 111 W. Monroe, Chicago, Ill.
Am. Radiator Co., boilers & radiators, vacuum cleaners, etc., 816 Michigan av, Chicago, Ill.
Am. Radiator Co., 124 Jefferson, Detroit, Mich.
Am. Radiator Co., mchsts. & fndrs., Kansas City, Mo.
Am. Radio & Research Corp., 21 Park Row, New York.
Am. Ry. Appliance Co., gas engines, Oil City, Pa.
Am. Railways Equipment Co., fareboxes, Dayton, Ohio.
Am. Railway Supply Co., 134 Charles, New York.
Am. Rattan & Reed Mfg. Co., 268 Norman av, Brooklyn, N. Y.
Am. Raveller Co., textile machy., Philmont, N. Y.
Am. Reduction Co., fertilizer mfrs., 1942 Forbes, Pittsburgh, Pa.
Am. Redwood Co., Gualala, Cal.
Am. Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
Am. Refractories Co., silica magnesite & chrome brick, ores, etc., Union Arcade bldg, Pittsburgh, Pa.
Am. Ribbon & Carbon Co., Rochester, N. Y.
Am. Rice Milling Co., Crowley, La.
Am. Ring Co., shade holders, 531 Bank, Waterbury, Conn.
Am. Rivet Co., New Haven, Conn.
Am. Road Mach. Co., stone bins, Commercial Trust pl, Phila., Pa.
Am. Road Machinery Co., Kennett Square, Pa.
Am. Roll Gold Leaf Co., 56 Pine, Providence, R. I.
Am. Roller Bearing Co., 428 Melwood av, Pittsburgh, Pa. *See adv index at end of book.*
Am. Rolling Mill Co., Middletown, Ohio.
Am. Roofing Co., cornices, 634 Gratiot av, Detroit, Mich.

Am. Rotary Pump Co., mchy., 67 Hampden, Boston, Mass.
Am. Rubber Co., 130 Essex, Boston, Mass.
Am. Rubber Mfg. Co., 356 Market, San Francisco, Cal.
Am. Rubber Reclaiming Co., 406 E. Rittenhouse, Phila., Pa.
Am. Rubber Stone Co., Floyd Knobs, Ind.
Am. Rule Mfg. Co., 127 Humboldt, Brooklyn, N. Y.
Am. Rust Proof Co., paint mfrs., 8 W. 40th, New York.
Am. Rutile Co., ilmenite & oxide concentrates, titanium, 622 F, N. W. Washington, D. C.
Am. Safe Co., Anderson, Ind.
American Safety Lamp & Mine Supply Co., machinists & founders, Scranton, Pa.
Am. Safety Razor Co., 303 Jay, Brooklyn, N. Y.
Am. Sales Book Co. (Ltd.), adding mach. rolls, Elmira, N. Y.
Am. Sales Co., Inc., auto accessories, 218H E Travis, San Antonio, Texas
Am. Sales Co., explosives, Godchaux Bldg., New Orleans, La.
Am. Sand & Gravel Co., Chamber of Com. Bldg., Chicago., Ill.
Am. Sand & Gravel Co., Erie, Pa.
Am. Sandstone Brick Machy. Co., Abingdon, Mich.
Am. Sanitary Mfg. Co., mchsts. & fdrs., Abington, Ill.
Am. Sanitary Wks., potteries, Washington, N. J.
Am. Sash & Door Co., Kansas City, Mo.
Am. Saw & Mfg. Co., hack saw blades & metal band saws, 69 Boylston, Springfield, Mass.
Am. Saw & Tool Wks., 2431 W. 14th, Chicago, Ill.
Am. Saw Mill Machy. Co., Hackettstown, N. J.
Am. Scale Co., Kansas City, Mo.
Am. Scientific Instrument Co., 50 John, New York.
Am. Scrap Iron Co., Akron, Ohio.
Am. Screen Co., Brookline, Mass.
Am. Screen Mfg. Co., Kansas City, Mo.
Am. Screw Co., wood & machine screws, stove & tire bolt mfrs., etc., 21 Stevens, Providence, R. I.
Am. Screw Propeller Co., wheels, Penfield Bldg., Philadelphia, Pa.
Am. Sea Green Slate Co., roofing slate mfrs., Granville, N. Y.
Am. Seal Co., Bridgeport, Conn.
Am. Seating Co., fndrs., furniture, etc., 14 E. Jackson blvd, Chicago, Ill.
Am. Seeding Machine Co., Springfield, Ohio.
Am. Separator Co., Bainbridge, N. Y.
Am. Sewer Pipe Co., Akron, Ohio.
Am. Sewer & Drain Constr. Co., 2816 N. Washtenaw av, Chicago, Ill.
Am. Shade Mach. Co., 19 Milk, Boston, Mass.
Am. Shade Roller Co., 151 33d, Brooklyn, N. Y.
Am. Shading Mach. Co., 693 Main, Buffalo, N. Y.
Am. Sharpening Machine Co., 184 W. Madison, Chicago, Ill.
Am. Shearer Mfg. Co., machst., Nashua, N. H.
Am. Sheet Metal Lath Co., see Fireproof Products Co. (successors).
Am. Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
Am. Sheet Metal Works, 3427 S. Carrollton, New Orleans, La.
Am. Sheet & Tin Plate Co., sheet steel mfrs., Frick bldg, Pittsburgh, Pa.
American Ship Building Co., ft. of W. 54th, Cleveland, Ohio.
Am. Shipbuilding Co., 11 B'way, New York.
Am. Shoe Polish Co., 20th & Troy, Chicago, Ill.
Am. Shovel & Stamping Co., Lorain, Ohio.
Am. Show Case Co., 289 Greenpoint av, Brooklyn, N. Y.
Am. Shuttle Co., Exchange Bldg., Boston, Mass.
Am. Sign Co., electric illuminated, Kalamazoo, Mich.
Am. Sign Wks., 109 N. Dearborn, Chicago, Ill.
Am. Silk Journal, 373 4th av, New York.
Am. Silk Label Mfr. Co., 116 W. 32nd, New York.
Am. Silk Mfg. Co., mach. wipers, cotton & wool waste & cotton mops, 4341 Orchard, Phila., Pa.
Am. Silver Co., Bristol, Conn.
Am. Sintering Co., furnaces, 80H E Jackson blvd, Chicago, Ill.
Am. Skate & Mgr. Co., Reading, Pa.
Am. Skein & Fdry. Co., Racine, Wis.
Am. Slag Co., Land Title Bldg., Philadelphia, Pa.
Am. Slate Co., Easton, Pa.
Am. Slate Co., plumbers, 17 Southampton, Boston, Mass.
Am. Slate Wks., Slatington, Pa.
Am. Slicing Machine Co., meat, 209 S. State, Chicago, Ill.
Am. Slide Co., Columbus, Ohio.
Am. Smelters Securities Co., ammunition, babbitt metal, lead products & shot, 201 1st, San Francisco, Cal.
Am. Smelting & Refining Co., 120 B'way, New York.
Am. Smokeless Powder Co., 131 State, Boston, Mass.
Am. Soap Co., 1986 Plum, Cincinnati, Ohio.
Am. Soap & Washoline Co., Cohoes, N. Y.
Am. Soapstone Finish Co., Chester Depot, Vt.
Am. Soda Fountain Co., 282 Congress, Boston, Mass.
Am. Soldier Co., toys, games & nov., Myrtle av & De Boo pl, Glendale, N. Y.
Am. Specialty Co., hwde. mfrs., Bridgeport, Conn.
Am. Spec. Co., advtg., 9 Vose, Rochester, N. Y.
Am. Specialty Mfg. Co., dressing rope, Iron & Erie Ry., Cleveland, Ohio.
Am. Specialty Co., drill sockets, 319 W. Ohio, Chicago, Ill.
Am. Specialty Stamping Co., kitchen enam. ware mfrs., Johnstown, Pa.
Am. Spectacle Co., 1328 B'way, New York.
Am. Speed Indicator Co., New London, Conn.
Am. Spelter Corp., 61 B'way, New York.
Am. Spike Co., Inc., 55 Liberty, New York.
Am. Spinning Co., cotton sheetings, Greenville, S. C.
Am. Spiral Pipe Works, lap welded pipe, forged steel pipe flanges, corrugated furnaces, 14th & S. Cicero av, Chicago, Ill.
See adv index at end of book.
Am. Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Am. Spirits Mfg. Co., distrs., 27 William, New York.
Am. Sports Publishing Co., 45 Rose, New York.
Am. Spring Needle Wks., New Britain, Conn.
Am. Spray Co., air cooling & purifying apparatus, 26 Cortlandt, New York.
Am. Stainless Steel Co., Oliver bldg., Pittsburgh, Pa.
Am. Stamping & Enamelling Co., Bellaire, O.
Am. Stamp Mfg. Co., stencils, presses, etc., 85 John, New York.
Am. Stamping & Manufacturing Co., metal stampings, 421 Park Bldg., Pittsburgh, Pa.
Am. Stamping Co., oil cups, Battle Creek, Mich.
Am. Stamping Co., toys, Elizabeth, N. J.

Am. Stationer & Office Outfitter, trade publications, 431 S Dearborn, Chicago, Ill.
Am. Stave & Cooperage Co., Chelsea, Mass.
Am. Steam Conveyor Corp., ash conveyors, 326 W. Madison, Chicago, Ill.
Am. Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Am. Steam Packing Co., 165 High, Boston, Mass.
Am. Steam Pump Co., Battle Creek, Mich.
American Steel Band Co., 886 Progress, Pittsburgh, Pa.
Am. Steel Chase Co., 38 Park Row, New York.
Am. Steel Co., iron & steel, Park Bldg., Pittsburgh, Pa.
Am. Steel & Copper Plate Co., 101 Fairmont av, Jersey City, N. J.
Am. Steel Dredge Co., Fort Wayne, Ind.
Am. Steel Export Co., Woolworth bldg, New York.
Am. Steel Fdrys. Co., steel castings, 30 Church, New York, & 332 S. Michigan av, Chicago, Ill.
Am. Steel Frame & Band Iron Co., 300 Water, New York.
Am. Steel Grave Vault Co., Galion, Ohio.
Am. Steel Package Co., machst., Defiance, Ohio.
Am. Steel Pipe & Tank Co., 608 S. Main, Los Angeles, Cal.
Am. Steel Scaffold Co., steel scaffold brackets, 550 Grand River, Detroit, Mich.
Am. Steel Scraper Co., road scrapers, Sidney, Ohio.
Am. Steel Spring Co., 2341 Keystone av, Chicago, Ill.
Am. Steel Tube Co., Toledo, Ohio.
Am. Steel & Tube Co., pipe & fittings, Lorain, Ohio.
Am. Steel Window Co., 334 S. Michigan av, Chicago, Ill.
Am. Steel & Wire Co., 208 S. La Salle, Chicago, Ill. *See adv index at end of book.*
Am. Steel Wool Mfg. Co., 451 Greenwich, New York.
Am Sterilizer Co., sterilizing & disinfecting apparatus, Erie, Pa.
Am. Swiss Magneto Co., Toledo, Ohio
Am. Rubbing Stone Co., Floyds Knobs, Ind.
Am. Stone Ballast Co., Prov. Bank Bldg., Cincinnati, Ohio.
Am. Stone Trade, trade publications, 537 S. Dearborn, Chicago, Ill.
Am. Stopper Co., machy., 19 Verona, Brooklyn, N Y.
Am. Storage Battery Co., Albro, Boston, Mass.
Am. Stove Co., water heaters, etc., St. Louis, Mo.
Am. Stove & Range Co., Keokuk, Ia.
Am. Straw Board Co., Akron, Ohio.
Am. Straw Board Co., wrapping paper, etc., Times Bldg., New York.
Am. Sugar Refining Co., 117 Wall, New York.
Am. Suit Case Mfg. Co., 17 Walker, New York.
Am. Supply & Machinery Co., machy. dlrs., Omaha, Neb.
Am. Supply Co., mill & facty. supplies, 135 Washington, Providence, R. I.
Am. Surety Co., indemnity bond insurance, 100 B'way, New York.
Am. Swiss File & Tool Co., machs., 24 John, New York.
Am. Synthetic Color Co., Stamford, Conn.
Am. Synthite Co., impregnating compounds, 30 Church, New York.
Am. Syrup & Preserving Co., canners, Terminal Trks. & E. Union, St. Louis, Mo.
Am. System of Reinforcing, concrete reinforcing matls., 10 S. La Salle, Chicago, Ill.
Am. Tag Co., 6133 State, Chicago, Ill.
Am. Tag Co. of N. J., 123 Sussex av, Newark, N. J.
Am. Tank & Pump Co., gasoline pumps, 404 Golden Gate, San Francisco, Cal.
Am. Tap Bush Co., 102 Iron, Detroit, Mich.
Am. Tap & Die Co., taps, dies & screw plates, mfrs., Greenfield, Mass. *See adv index at end of book.*
Am. Tar Products Co., 208 S. La Salle, Chicago, Ill
Am. Telegraph Typewriter Co., 251 W. 19th, New York.
Am. Tent & Awning Co., 307 Wash. av N. Minneapolis, Minn.
Am. Terra Cotta & Ceramic Co., 1808 Prairie av, Chicago, Ill.
Am. Textile Banding Co., Inc., Belfield av & Wister, Phila., Pa.
Am. Textile Dyestuffs Corp., sulphur colors, Belleville, N. J.
Am. Textile Soap Co., see Fisk Mfg. Co. (successor),
Am. Thermo-Ware Co., 16 Warren, New York.
Am. Thermos Bottle Co., Norwich, Conn.
Am. Thermometer Co., 3146 Lucas, St. Louis, Mo.
Am. Thermophone Co., telephones, 116 Bedford, Boston, Mass.
Am. Thermostat Co., heat regulators, 226 Jelliff av, Newark, N. J.
Am. Thread Co., 260 W. B'way, New York.
Am. 3-Way Prism Co., sidewalk lights & ventilator mfrs., etc., La Porte, Ind.
Am. Thresherman, trade publication, Madison, Wis.
Am. Tie & Timber Co., Brunswick, Ga.
Am. Tin & Terne Plate Co., 34th & Vine, Philadelphia, Pa.
Am. Tire Fabric Co., Newburyport, Mass.
Am. Tire & Rubber Co., Akron, Ohio.
Am. Tool & Mfg. Co., Urbana, Ohio.
Am. Tool & Machine Co., engineers, founders & machinists, sugar centrifugals a specialty, 10 High, Boston, Mass.
Am. Tool Works Co., lathes, planers, etc., Cincinnati, Ohio.
Am. Top Co., Jackson, Mich.
Am. Tower & Tank Co., Elgin, Ill.
Am. Toy Wks., 7 Chatham sq, New York.
Am. Track Barrow Co., Lowell, Mass.
Am. Tractor Corp., Peoria, Ill.
Am. Tractor & Fdy. Co., Charles City, Ia.
Am. Trading Co., importers, 25 Broad, New York.
Am. Transformer Co., 178 Emmet, Newark, N. J.
Am. Tripoli Co., Seneca, Mo.
Am. Tri-State Paper Box Co., Nashville, Tenn.
Am. Trona Corp., chloride potassium, Los Angeles, Cal.
Am. Trunk & Bag Co., 109 Federal, Pittsburgh, Pa.
Am. Trunk & Case Co., 29 Wells, Chicago, Ill.
Am. Trunk Co., 1039 Central av, Cincinnati, Ohio.
Am. Tube Bending Co., New Haven, Conn.
Am. Tube Co., steel tubing, 3703 S Rockwell, Chicago, Ill.
AMERICAN TUBE & PIPE BENDING CO., THE, 880 E 72d, Cleveland, O. *See adv at end of book*
Am. Tube & Stamping Co., hot & cold rolled strip steel & stampings, Bridgeport, Conn.
Am. Tube Wks., 10 Oliver, Boston, Mass.
Am. Tug Boat Co., Everett, Wash.
Am. Twist Drill & Tool Co., cutters, reamers, etc., W Jefferson av & 21st, Detroit, Mich.
Am. Type Fdrs. Co., type cases, 200 William, New York, & Communipaw av, Jersey City, N. J.
Am. Vacuum Cleaning Co., 17 Wadsworth, Buffalo, N. Y.
Am. Valve Co., Coxsackie, N. Y.
Am. Valve & Meter Co., Cincinnati, Ohio.

Am. Valve & Tank Co., machsts., Indianapolis, Ind.
Am. Varnish Co., 1140 N. Branch, Chicago, Ill.
Am. Varnish Wks., 425 Greenpoint av, Brooklyn, N. Y.
Am. Velvet Co., Stonington, Conn.
Am. Veneer Column Co., 913 Grand, Brooklyn, N. Y.
Am. Veneer Co., Hoboken, N. J.
Am. Viscose Co., artificial silk, Marcus Hook, Pa.
Am. Vitrified Conduit Co., B'way & 23d, New York.
Am. Vulcanized Fibre Co., 504 Equitable Bldg., Wilmington, Del.
Am. Wagon Co., carriage bodies, 1007H Lincoln, Dixon, Ill.
Am. Wagon Co., 8th & Sycamore, Cincinnati, Ohio.
Am. Wall Bed Co., 1339 W. 21st, Chicago, Ill.
Am. Wall Pocket Mfg. Co., 1021 Main, Buffalo, N. Y.
Am. Warehouse Co., Galveston, Texas.
Am. Warming & Ventg. Co., dry earth closets, Elmira, N. Y., & 1017 Summit, Toledo, O.
Am. Warp Drawing Machine Co., tex. machy. supplies, etc., 95 Milk, Boston, Mass.
Am. Washer Wks., 426-428 Smith, Brooklyn, N. Y.
See adv index at end of book.
Am. Watch Case Co., 15 Maiden la, New York.
Am. Watchman's Clock Co., 150 Nassau, New York.
Am. Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio.
Am. Water Motor Co., Columbus, Ohio.
Am. Water Softener Co., water filters, 10th & Chestnut, Phila., Pa.
Am. Water Supply Co., paper dishes, plates, spoons, 251 Causeway, Boston, Mass.
Am. Wax Co., 10 High, Boston, Mass.
Am. Welding Co., boilers, cylinders, kettles, tanks, etc., Carbondale, Pa.
Am. Welding & Mfg. Co., Warren, O.
Am. Well Prospecting Co., mill & factory supp., Los Angeles, Cal., & Corsicana, Tex.
Am. Well Works, The, well drilling machy., pumps, oil & gas, supplies, etc., 112 Broadway, Aurora, Ill.
See adv index at end of book.
Am. Whalebone Co., 920 B'way, New York.
Am. Whip Co., Westfield, Mass.
Am. Window Glass Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Am. Wire Fabrics Co., 208 S. La Salle, Chicago, Ill.
Am. Wire Fence Co., 10 S. La Salle, Chicago, Ill.
Am. Wood Board Co., Schuylerville, N. Y.
Am. Wood Carving Co., 2341 Greenview av, Chicago, Ill.
Am. Wood Pipe Co., 302 McDougal, Brooklyn, N. Y.
Am. Wood Pipe Co., Tacoma, Wash.
See adv index at end of book.
Am. Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
Am. Wood Rim Co., Onaway, Mich.
Am. Woodwork Mfg. Co., plumbers, Evansville, Ind.
Am. Woodworking Co., 19 Warren, New York.
Am. Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Am. Woodworking Machy. Co., dado & panel raising machs., Rochester, N. Y.
Am. Wool & Cotton Reporter, trade journal, 520 Atlantic av Boston, Mass.
Am. Woolen Co., woolen blankets, 245 Slate, Boston, Mass.
Am. Wrecking & Salvage Co. (scrap iron), 732 Harrison, Chicago, Ill.
Am. Wringer Co., 99 Chambers, New York.
Am. Writing Mach. Co., 339 B'way, New York.
Am. Writing Paper Co., specialties of all kinds, Holyoke, Mass.
Am. Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.
Am. Zinc & Chemical Co., 61 Broadway, New York.
Am. Zinc, Lead & Smelting Co., 120 B'way, New York, & 55 Congress, Boston, Mass.
Am. Zinc Products Co., Greencastle, Ind.
Americolite Co., lighting fixtures, 101 Park av, New York.
Americus Construction Co., Americus, Ga.
Americus Oil Co., Americus, Ga.
Amerlin Co., flax & tow, Yale, Mich.
Amerman, M. T., cornices & skylights, Onarga, Ill.
Amerman & Patterson, carbolic acid, etc., 21 State, New York.
Ames, A. T., Mfg. Co., machinists, Niles, Cal.
AMES, B. C., CO., bench lathes, drilling, milling & filing machines, dial gauges, etc.., North Station, Waltham, Mass.
See adv index at end of book.
Ames Bag Machine Co., mchsts. & fndrs., 5606 Euclid av, Cleveland, Ohio.
Ames Bending Co., Celina, Ohio.
Ames Body Corp., Owensboro, Ky.
Ames, Bonner Co., brushes, Toledo, Ohio.
Ames Bros., flour, Hutchinson, Minn.
Ames Canning Co., Ames, Ia..
Ames-Dean Carriage Co., wagons, Jackson, Mich.
Ames, F. A., Co., auto. wood bodies, Owensboro, Ky.
Ames & Filstead Co., typewriter parts, 607 S. Dearborn, Chicago, Ill.
Ames & Ginty, cornices & skylights, Hereford, Boston, Mass.
Ames-Harris-Neville Co., ore bags, bags & bagging, Potrero & Alameda, San Francisco, Cal., and Tents, Portland, Ore.
Ames Iron Works, engines & boilers, Oswego, N. Y.
Ames, J. C., Lbr. Co., masons' & bldrs.' matls., Streator, Ill.
Ames, J. K., lumber mfrs., Mexico, N. Y.
Ames, Merritt, Chemical Wks., Glens Falls, N. Y.
Ames Mill, flour, Northfield, Minn.
Ames Motor Car Co., Owensboro, Ky.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ames Shovel & Tool Co., Ames Bldg., Boston, Mass.
Ames Sword Co., polishing belts, key chains, rifles, swords, etc., Chicopee, Mass.
Ames Van Arch Mfg. Co., children's vehicles & toys, Syracuse, N. Y.
Ames W. & Co., bolt, nuts, spikes, Woodward, Jersey City, N. J.
Ames, Wm. O., contractor, Ellensburg, Wash.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Amesbury Top Co., Amesbury, Mass.
Amesbury, Wm. H., contractor, Wilkes-Barre, Pa.
Ameudt Milling Co., flour, Monroe, Mich.
Amherst Cut Stone Co., Amherst, Ohio.
Amherst Mfg. Co., cotton thread, Amherst, Mass.
Amidon, Frank, l'br., Richmond, N. H.
Amidon, G. F., l'br., West Chesterfield, N. H.
Amies Road Co., compounds, Easton, Pa.
Ammann & Co., brick, Decatur, Ill.
Ammann Mfg. & Const. Co., 155 Av D, New York.
Ammidon & Co., tin plate, metals, etc., 31 S. Frederick, Baltimore, Md.
Amole Products Co., soap, Pontiac Bldg., St. Louis, Mo.
Amory, F. D., Jr., architect, 10 E. 43rd, New York.
Amos, Chas. & Co., Inc., steel structural work, iron railways, fences, etc., 2990-3000 Hart av, Detroit, Mich.
Amoskeag Mfg. Co., tickings & denims, Manchester, N. H.
Amoskeag Paper Mill Co., Manchester, N. H.
Amphion Piano Player Co., pneumatic piano actions, Syracuse, N. Y.
Ampt, Chas. F., Co., shoe blacking, 112 E. Water, Cincinnati, O.
Amrein, Wm. R., contractor, 919 N. Fulton, Baltimore, Md.
Amron Mfg. Co., elec. portables, 506 S. Wells, Chicago, Ill.
Ams, Max, Inc., meat packers, 372 Greenwich, New York.
AMS. MAX MACHINE CO., can making & sheet metal working machinery & power presses mfrs., 101 Park av, New York.
Amsel Constr. Co., Inc., 927 B'way, Brooklyn, N. Y.
Amsler Blue Print Co., architects' & engineers' supplies, 30 Church, New York.
Amsler, C. (Est. of), meal, Hempstead, Tex.
Amsler, Jacob H., architect, 1616 Crosby av, New York.
Amsler, W. H., contractor, Franklin, Pa.
Amsler Morton Co., combustion engng., Hoboken, Pa.
Amsterdam Broom Co., Amsterdam, N. Y.
Amsterdam Bldg. Co., 140 W. 42d, New York.
Amsterdam Canning Co., Amsterdam, Mo.
Amsterdam Drop Forging Co., Amsterdam, N. Y.
Amusement Supply Co., moving picture machs., 5 S. Wabash av, Chicago, Ill.
Amy, W. S., cornices & skylights, Council Bluffs, Ia.
Anacoco Lbr. Co., Grabow, La.
Anaconda Copper Mining Co., coal mine, Anaconda & St. Regis, Mont.
Anacortes Fisheries Co., canned goods, Seattle, Wash.
Anacortes Glass Co., fruit jars, Anacortes, Wash.
Anacortes Lumber & Box Co., Anacortes, Wash.
Anadarko Milling Co., flour, Anadarko, Okla.
Analomink Paper Co., North Water Gap, Pa.
Ancarrow, Newton, E., contractor, Richmond, Va.
Ancho Brick Co., fire clay, hollow tile, etc., Ancho, N. Mex.
Anchor Blasting Mat & Rope Co., 245 E. 32d, New York.
Anchor Box Co., Western & Section Fairmt., Cincinnati, Ohio.
Anchor Bolt & Nut Co., Poughkeepsie, N. Y.
Anchor Brass & Aluminum Co., Cincinnati, Ohio.
Anchor Building Co., general contractors, Elizabeth, N. J.
See adv index at end of book.
Anchor Cap & Closure Corp., 81 Prospect, Brooklyn, N. Y.
Anchor Color & Gum Works, sulphonated oils, textile mill soap, Dighton, Mass.
Anchor Concrete Const. Co., Evansville, Ind.
Anchor Concrete Stone Co., Rock Rapids, Ia.
Anchor Core Economy Soap Co., 136 W. Lake, Chicago, Ill.
Anchor Corrugating Const. Co., port. fireproof garages, 140 Washington, New York.
Anchor Duck Mills, bags & bagging, Rome, Ga.
Anchor Electric Co., electrodes, 557 W. Jackson, Chicago, Ill.
Anchor Furn. Co., Dept. H, Jamestown, N. Y.
Anchor Knitting Mills, bathing suit mfrs., Cohoes, N. Y.
Anchor Milling Co., flour, Galveston, Tex.
Anchor Oil & Chemical Co., Cleveland, Ohio.
Anchor Packing Co., Lafayette Bldg., Philadelphia, Pa.
ANCHOR POST IRON WKS., ornamental iron, 50 Church, New York. *See adv index at end of book.*
Anchor Pottery, Trenton, N. J.
Anchor Refining Co., lubricating oils & greases, 82 Woodroad, Jersey City, N. J.
Anchor Sanitary Co., plumbers' supplies, jobbers, 123 3rd av, Pittsburgh, Pa.
Anchor Saw Mills Co., handles, oars, handle-blanks & golf shafts, 253 B'way, New York.
Anchor Saw Mills Co., golf heads & shafts, dowels, boat oars, wood handles, etc., Memphis, Tenn.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anchor Stone Co., 2937 Lyndale S., Minneapolis, Minn.
Anchor Stove & Range Co., New Albany, Ind.
Anchor Supply Co., machsts. contrs., tents, etc., Evansville, Ind.
Anchor Top & Body Co., auto bodies, C. H. & D. Ry., nr Gest, Cincinnati, O.
Anchor Webbing Co., cotton sleeving & webbing, Pawtucket, R. I.
Ancram Paper Mills, 150 W. 22nd, New York.
Andahl, John, lumber, South Bend, Wash.
Andalusia Fertilizer Co., Andalusia, Ala.
Anderes, John, & Son, contractors, Wausau, Wis.
Anders Constr. Co., Rockefeller Bldg., Cleveland, Ohio.
Anders, Geo. E., brick, 1886 Fairmount av, Fairmt., Cincinnati, Ohio.
Anders & Snyder, contractors, Heed Bldg., Philadelphia, Pa.
Anderson, D. Wiley, architect, 922 E. Main, Richmond, Va.
Andersen, John, contractor, Kewanee, Ill.
Andersen Spec. Co., wood fillers, extension planks, 6 E. Lake, Chicago, Ill.
Andersen-Winter Mfg. Co., furniture, Dept. H, Clinton, Iowa.
Anderson & Co., Franklin bldg, Philadelphia, Pa.
Anderson, A., granite producer, South Ryegate, Vt.
Anderson, A. & E., Co., contractors, 19 La Salle, Chicago, Ill.
Anderson, A. E., architect, House bldg., Pittsburgh, Pa.
Anderson, A. F. Iron Works, archl. iron, 5844 Loomis blvd, Chicago, Ill.
Anderson, A. H., brass castings, etc., 1213 Fulton, Chicago, Ill.
Anderson, A. J., & Co., contrs., Louisville, Ky.
Anderson, A. M., Co., 67 Algonquin, Providence, R. I.
Anderson, A. R., & Co., shoetrees, Arlington, N. J.
Anderson Bros., carriages, Colon, Mich.
Anderson, Aaron, contractor, Rock Island, Ill.
Anderson, Albert, contr., La Grange, Ill.
Anderson, Albert, contractor, Plymouth Bldg., Minneap., Minn.
Anderson, Albert & J. M., Mfg. Co., mfrs. time switches, plugs & receptacles, trolley line material, electric switches & circuit breakers, 289 A, Boston, Mass.
Anderson, Andrew G., stone, 5838 Justine, Chicago, Ill.
Anderson, Aug. E., contractor, Prudential Bldg., Buffalo, N. Y.
Anderson & Belcher, fertilizer, Starrsville, Ga.
Anderson Box & Basket Co., Henderson, Ky.
Anderson Bros., carriages, Colon, Mich.
Anderson Bros., contractors, Albert Lea, Minn.
Anderson Bros., fndrs, 1388 Fulton, Chicago, Ill.
Anderson Bros., machsts., Jamestown, N. Y.
Anderson Bros. Canning Co., Oskaloosa, Ia.

Anderson Bros. Co., contractors, Council Bluffs, Ia.
Anderson Bros. Co., cornices & skylights, 394 Grove, Jersey City, N. J.
Anderson Bros. & Johnson Co., granite, Wausau, Wis.
Anderson Bros. Mfg. Co., balancing tools & pneumatic rubbing machy, Rockford, Ill.
Anderson, C. F., & Co., machsts., 710 S. Clark, Chicago, Ill.
Anderson, C. J., architect, Ironwood, Mich.
Anderson, C. J., & Co., controllers, 212 W. Austin, Chicago, Ill.
Anderson, Carl, Co., machsts., 867 Larrabee, Chicago, Ill.
Anderson Carriage Co., Columbus, Ohio.
Anderson Carriage Mfg. Co., Anderson, Ind.
Anderson, Chas., hod elev., 983 Pacific, Brooklyn, N. Y.
Anderson, Chas. B., fndrs., 109 S. Clinton, Chicago, Ill.
Anderson, Chas. L., Machy Co., 2256 W. Walnut, Chicago, Ill.
Anderson, Chas. M., architect, 324 N. Charles, Baltimore, Md.
Anderson, Chas. M., machst., 1831 Blake, Denver, Colo.
Anderson Chemical Co., Wallington, N. J.
Anderson & Christiansen, carriages, Lincoln, Neb.
Anderson Co., agricultural implements, 2324 University av, St. Paul, Minn.
Anderson & Co., raincoats & mackintoshes, Trenton, N. J.
Anderson Computing Scale Co., Anderson, Ind.
Anderson Cotton Mills, sheetings, Anderson, S. C.
Anderson Coupling & Fire Supply Co., fire alarms, hose carriages & carts, Kansas City, Kan.
Anderson, D. G., architect, 472 Broadway, Bayonne, N. J.
Anderson-Darragh Co. (Ltd.), mchsts. & fndrs., 3206 Penn av, Pittsburgh, Pa.
Anderson Die Machine Co., die forming machines, tapping machines, etc., 544 Iranstan av, Bridgeport, Conn
Anderson, Donald G., architect, 28 E. 49th, New York.
Anderson & Dougherty, cornices & skylights, Salinas, Cal.
Anderson, E. D., Inc., label machs., etc., 101 Park av, New York.
Anderson, E. G., lbr., Kane, Pa.
Anderson, E. P., & Co., see Anderson-Hilliers Co., Inc. (successors).
Anderson, E. S., architects, Peoples' S. & T. Bldg., Akron, Ohio.
Anderson, E. W., Constr. Co., Newcastle, Pa.
Anderson Elec. Car Co., stor. battery trucks, Aberle, Detroit, Mich.
Anderson Elec. Spec. Co., lamp cord adjusters, 154 Whiting, Chicago, Ill.
Anderson Engine Co., 4036 N. Rockwell, Chicago, Ill.
Anderson Engineering & Supply Co., range boiler heaters, Peekskill, N. Y.
Anderson, Eric J., patterns & models, Hartford, Conn.
Anderson, F. W., & Co., auto. tops & windshields, Phila., Pa.
Anderson Fertilizing Co., Anderson, Ind.
Anderson Forge & Mach. Co., crankshafts, Jefferson & Connors Creek, Detroit, Mich.
Anderson Foundry & Machine Works, Anderson, Ind.
Anderson, Frank W., agricultural implements, Portland, N. Y.
Anderson & Frankel, architects, Lexington, Ky.
Anderson, Fred, Co., contractors, 2810 Bryant av, S., Minneapolis, Minn.
Anderson-Friberg Co., granite, Barre, Vt.
Anderson Furn. Co., Dept. H, Clinton, Iowa.
Anderson, G., contractor, Oconomowoc, Wis.
Anderson, G. A., & Co., stone producers, 16th av, S. E. Elm, Minneapolis, Minn.
Anderson, G. A., Manfg. Co., fire dept. supplies mfrs., Bush & Russell, Baltimore, Md.
Anderson, G. A., Piano Co., Rockford, Ill.
Anderson, G. L., brass works, Birmingham, Ala.
Anderson Gas Appliance Co., stoves, Anderson, Ind.
Anderson, Geo., architect, 6046 Lawton av, Berkeley, Cal.
Anderson, Geo., & Co., machsts., Newark, N. J.
Anderson, Geo. H., & Co., bath room fixtures, 1467 W. Austin av, Chicago, Ill.
Anderson, Geo. P., & Co., mill, facty. & steamfitters' supplies, 65 Oliver, Boston, Mass.
Anderson, Geo. S., Co., machsts. & fndrs., Jeffersonville, Ind.
Anderson & Gow., bldg. contrs., Duluth, Minn.
Anderson, Gus, brooms, Salina, Kans.
Anderson, Gustavus, contractor, Camden, N. J.
Anderson, H. A., architect, Long Beach, Cal.
Anderson, H. J., Co., lbr., Portland, Ore.
Anderson, H. O., & Son., sashes, doors & blinds, Sturgis, S. D.
Anderson, Hans, contractor, Racine, Wis.
Anderson, Hamill Constr. Co., Pueblo, Colo.
Anderson Hardware Co., Anderson, S. C.
Anderson Hardware Co., New Bethlehem, Pa.
Anderson Helge A., architect, 3116 Sunnyside av, Chicago, Ill.
Anderson-Hillier Co., Inc., chalk, copperas, soap bark, etc., 99H John, New York.
Anderson, Homer, wire measuring machs., Peekskill, N. Y.
Anderson & Ireland Co., whol. hdwe., 111 Light, Baltimore, Md.
Anderson, J. F., Lumber Co., Mitchell, S. D.
Anderson, J. H. & C. P., contractors, Piqua, Ohio.
Anderson, J. P., & Co., confectioners' mchy., 422 N. 6th, Philadelphia, Pa.
Anderson, Jas. E., masons' & bldrs.' matls., Woodland, Ill.
Anderson & Jensen, common brick, Roberts, Ill.
Anderson, John J., machinist, Cannon Falls, Minn.
Anderson & Johnson, contractors, 75 Roosevelt av., Jersey City, N. J.
Anderson & Jones, paper & pulp mill architects, Carthage, N. Y.
Anderson, Jos., contr., Delaware City, Del.
Anderson, K. A., cornices & skylights, Tacoma, Wash.
Anderson-Kenneth Co., mill & facty. supplies, 33 Atwater, Detroit, Mich.
Anderson, L., machinists' tools, 544 W. Lake, Chicago, Ill.
Anderson Lbr. Corp., Marion, S. C.
Anderson & Lind Mfg. Co., sash, door & blind mfrs., 2127 Iowa, Chicago, Ill.
Anderson Lumber Co., Charleston, S. C.
Anderson Lumber Co., Passaic, N. J.
Anderson Lumber Co., South Stillwater, Minn.
Anderson-McCutchon Co., water heaters, Peekskill, N. Y.
Anderson & McGregor Co., masons' & bldrs.' matls., Bellaire, O.
Anderson, M., Brick Co., Minneapolis, Minn.
Anderson Mach. & Fdry. Co., Anderson, S. C.
Anderson Mach. Wks., drilling & tapping machs., Peekskill, N. Y.
Anderson Mfg. Co., Elyria, Ohio.
Anderson Mfg. Co., fuel economizers, 1922 Arch, Philadelphia, Pa.
Anderson Mfg. Co., lightning rods & ventilators, Des Moines, Ia.
Anderson Mattress Co., Anderson, Ind.
Anderson Mattress & Spring Bed Co., Anderson, S. C.
Anderson & Middleton Lumber Co., Aberdeen, Wash.
Anderson Motor Co., Rock Hill, S. C.
Anderson, O. D., masons' & bldrs.' matls., Anderson, S. C.
Anderson & Osterman, elevators, 131 Washington, Providence, R. I
Anderson, P. J., lumber, Hardwood, Mich.
Anderson, Peter, Co., carriages, Lafayette, Ind.
Anderson Phosphate & Oil Co., Anderson, S. C.
Anderson Pierce, architect, 80 E. Jackson blvd., Chicago, Ill.
Anderson, R. C., contractor, Mount Vernon, Ohio.
Anderson, R. K., machinist, Fort Scott, Kans.
Anderson, R. M., & Co., building contr., Lyric bldg, Richmond, Va.
Anderson, Richard, heating contractor, 277 W. 117th, New York.
Anderson, Richard, stone producer, 3112 Osgood, Chicago, Ill.
Anderson & Ringrose, contractors, 320 Market, San Francisco, Cal.
Anderson Rolled Gear Co., worm gear rings, Berea Rd. & L. S., & M. S. Ry., Cleveland, Ohio.
Anderson Rubber Wks., Anderson, Ind.
Anderson Russell A., architect, 809 Lake av, Wilmette, Ill.
Anderson, S. J., flour mills, Burns, Tenn.
Anderson, Samuel, common brick, Taylorville, Ill.
Anderson & Slonaker, lbr. mfrs., Del. av & Poplar, Phila., Pa.
Anderson & Spilman, flour mills, Danville, Ky.
Anderson Supply Co., eng'ng. & surveying instrs., Seattle, Wash.
Anderson, T., masons' & bldrs.' matls., Milan, Minn.
Anderson, T. P., varnish, 304 Madison av, New York.
Anderson Tack Co., Rockland, Mass.
Anderson Tool Co., jigs, fixtures, machsts. dies, etc., Elyria, O.
Anderson-Tully Co., lumber, Memphis, Tenn.
Anderson, V. D., Co., air & steam traps, steam and oil separators, etc., W. 96th, Cleveland, O. *See adv index at end of book.*
Anderson & Veatch, architects, Evansville, Ind.
Anderson Vehicle Co., carriages, Fond du Lac, Wis.
Anderson Visible Pump & Tank Co., gasoline pumps, Savannah, Ga.
Anderson, W. A., & Co., advtg. nov., 83 Fulton, New York.
Anderson, W. H. Tool & Supply Co., Dept. H, Brush & Macomb, Detroit, Mich.
Anderson, W. J., & Co., sealing machy., tags, tapes, etc., 341 B'way, New York.
Anderson, W. L., architect, Lakeville, Mass.
Anderson, W. M., htg. contractor, 600 Schuylkill, Phila., Pa.
Anderson, Wm. B., Foundry Co., brass castings, 28 S. Clinton, Chicago, Ill.
Anderson, Wm. C., architect, Brunswick, Ga.
Anderson, Wm. C., architect, Central Station, Chicago, Ill.
Anderson & Winbald, contractors, 6235 S. Michigan av, Chicago, Ill.
Anderson Wrench Co., Portland, Conn.
Anderson's, John D., Sons, 952 Green av, Brooklyn, N. Y.
Anderson's, L. G., Sons, masons' & bldrs.' matls., Franklin, Ohio.
Anderton, E. K., metallic sash bars, 210 Grand, New York.
Andes, E. B., & Co., match plates, Lancaster, Pa.
Andler, Adam, cornices, 3028 Highland av, Mt. A., Cincinnati, Ohio.
Andrae, Julius, & Sons Co., telephones & apparatus, etc., 362 B'way, Milwaukee, Wis.
Andre, B., contractor, New London, Conn.
Andren Karl Co., machy. dlrs., 148H Pearl, Boston, Mass.
Andres, Eugene C., Co., cotton waste, 141 Milk, Boston, Mass.
Andres, Jos., grain cradles, Kelso, Ind.
Andres Stone & Marble Co., Keefe av & Richards, Milwaukee, Wis.
Andresen Hardware Co., 724 S. 6th, Minneapolis, Minn.
Andresen-Ivans Co., grab buckets, 80 E. Jackson blvd., Chicago, Ill.
Andresen, Jacob, Co., elec. & gas light fix., 314 S. 4th, Minneapolis, Minn.
Andress Mfg. Co., musical strings, Dept. H, Battle Creek, Mich.
Andrew, C. A., canned goods, Conowingo, Md.
Andrew, David M., Co., contractors, Mt. Vernon av, Baltimore, Md.
Andrew, Jno. Hy., & Co. (Ltd.), steel, 26 Cortlandt, New York.
Andrew, M. L., & Co., machsts., Cincinnati, Ohio.
Andrew Motor Mfg. Co., gas engines, Milwaukee, Wis.
Andrewartha, John, architect, 921½ Congress av, Austin, Tex.
Andrews, A. H., Co., bank, office, store & school fixtures, etc., 6 Wabash av, Chicago, Ill.
Andrews, Alfred B., architect, 847 Forest av, Evanston, Ill.
Andrews Asphalt Paving Co., Hamilton, Ohio.
Andrews, A. W., furniture, 300 H, Congress E, Detroit, Mich.
Andrews, B. B., lbr., Birnamwood, Wis.
Andrews Bros., contractors, B. of L. E. Bldg., Cleveland, Ohio.
Andrews Bros., masons' & bldrs.' matls., Jacksonville, Ill.
Andrews Bldg. Co., 1475 B'way, New York.
Andrews, Chas. M., architect, Bethlehem, Pa.
Andrews Engng. Co., constr. engrs. & steel fabricators, Bessemer bldg, Pittsburgh, Pa.
Andrews Heating Co., htg. systems, steel boilers & tanks, Minneapolis, Minn.
Andrews, Isaac W., & Sons, coffins, etc., So. Woodstock, Me.
Andrews, J. B., & Co., canned goods, Hurlock, Md.
Andrews, J. M., & Sons Co., bldg. contrs., Somerville, Mass.
Andrews, Jacques, & Rantoul, architects, 50 Congress, Boston, Mass.
Andrews, John T., & Co., paper & pulp mills, Penn Yan, N. Y.
Andrews, L. E., & Co., mill & facty. supplies, Gloucester, Mass.
Andrews' Loom Reed Harness Wks., tex. machy., Spartanburg, S. C.
Andrews Lumber Co., New Bethlehem, Pa.
Andrews, M. P., & Co., architects, Petersburg, Va.
Andrews Mfg. Co., hdwe. mfrs., 388 Harmony, Philadelphia, Pa.
Andrews Mfg. Co., lbr., Andrews, N. C.
Andrews, O. B., Co., corrugated paper boxes, cartons, etc., Chattanooga, Tenn.
Andrews & Peck Co., sash, door & blind mfrs., Hartford, Conn.
Andrews, R. P., Paper Co., 727 13th, N. W., Washington, D. C.
Andrews, Robert Co., textile fibre, 115 Franklin, New York.
Andrews, S. P., contractor, Chicago Junction, Ohio.
Andrews Steel Co., Newport, Ky.
Andrews, Thos. G., & Co., laundry tray wastes, 30-32 Wendell, Boston, Mass.

Andrews Tower & La Valle, architect, 274 Main, Springfield, Mass.
Andrews Tractor Co., 26th & University av, Minneapolis, Minn.
Andrews, W. A., & Son, flour, Necessity, Tex.
Andrews, Wm., Inc., boiler compound, 95 William, New York.
Andrews, Wm. P., Canned Goods Co., Crapo, Md.
Andrews, Wm. R., contractor, 3839 Ellis, Chicago, Ill.
Andrews Wire & Iron Works, Rockford, Ill.
Andreykovicz & Dunk, aniline colors, 58 N. Front, Phila., Pa.
Adrophy Elec. Co., contrs., Derby, Conn.
Androscoggin Fdry. Co., Auburn, Me.
Androscoggin Mills, cotton sheetings, bags, etc., Lewiston, Me.
Androscoggin Pulp Co., 50 State, Boston, Mass.
Androvette & Townsend, varnish, shellac, etc., 235 Water, New York.
Andrus & Bode, contractors, Lewis Bldg., Portland, Ore.
Andrus, Chas. B., & Son, contractors, Hartford, Conn.
Andrus, David, lumber mfrs., Perry, N. Y.
Andrus-Loveland Co., elevator safety devices, Moffat Bldg., Detroit, Mich.
Andry, Paul, architect, 510 Tulane Newcomb, New Orleans, La.
Angel, H. Reeve, & Co., importers & selling agents, 7 Spruce, New York.
Angeles Mattress & Feather Wks., 2218 Main, Los Angeles, Cal.
Angelina County L'br. Co., Keltys, Tex.
Angell, Arnold A., architect, 1017 County, Urbana, Ill.
Angell Belt Hook Co., 16 Warren av, Providence, R. I.
Angell, Chas. E., machst., 223 Aborn, Providence, R. I.
Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.
Angell, George Co., weather strips, Penobscot bldg., Detroit, Mich.
Angell, H. C., & Co., lbr. mfrs., Grand Rapids, Mich.
Angell, H. M., lumber, 49 Westminster, Providence, R. I.
Angell, Harry S., architect, Free Press Bldg., Detroit, Mich.
Angell Nail & Chaplet Co., 2657 E. 79th, Cleveland, Ohio.
Angell & Swift, architects, 87 Weybosset, Providence, R. I.
Angelus Couch & Furniture Mfg. Co., mattresses, Los Angeles, Cal.
Angelus Furn. Mfg. Co., 947H E. Pico, Los Angeles, Cal.
Angelus Rubber Co., mill & factory supp., Los Angeles, Cal.
Angelus Sanitary Can Mach. Co., 298 S. Fernando Blvd., Los Angeles, Cal.
Anger Engng. Co., 2525 State, Milwaukee, Wis.
Angers, J. A., & Bro., contractors, lbr., Springfield, Mass.
Angert Iron & Wire Wks., 6028 Grove av, Chicago, Ill.
Angier Mills, wrapping paper, cornices & skylights, etc., Ashland, Mass.
Angier Mechanical Laboratories, wrapping machines, Framingham, Mass.
Angle Hardware Co., Piqua, Ohio.
Angle Mfg. Co., ice cream freezers, 110 W. 40th, New York.
Angle Steel Sled Co., Otsego, Mich.
Angle Steel Stool Co., Otsego, Mich.
Anglers Co., fish bait, 913 W. Randolph, Chicago, Ill.
Anglev & Cole, boat oars, Brewer, Me.
Angildile Computing Scale Co., Elkhart, Ind.
Anglo-American Co., elec. lamp flashlights, 634 Smithfield, Pittsburgh, Pa.
Anglo Am. Mill Co., flour mill machy., Owensboro, Ky.
Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Anglo-Saxon Supply Co., steel, 290 Pearl, New York.
Angne Co., archl. wood turning, Cincinnati, Ohio.
Angola Brick & Tile Co., Angola, Ind.
Angola Gas Engine Co., Angola, Ind.
Angora Knitting Mill, sweaters, Detroit, Mich.
Angora Spec. Co., sweaters, cardigans, etc., 87 34th, Bklyn, N. Y.
Anguera Lbr. & Tie Co., 111 W. Washington, Chicago, Ill.
Angus Engineering Co., 87 Wall, New York.
Angus, Nelson E., packing box, Amherst, Mass.
Angus, Wm. J., contr., 3127 Shields av, Chicago, Ill.
Aniline Dyes & Chemicals, Inc., synthetic, indigo, diethylaniline, monochlor-benzol, 134 Cedar, New York.
Animal Oil Co., belt dressing, Ontario nr. Del. River, Phila., Pa.
Animate Toy Co., 31 E. 17th, New York.
Anis, Albert, architect, Ashland Blk., Chicago, Ill.
Ankenbauer, B., landscape architect, 5139 Inwalle av, Cincinnati, Ohio.
Ankeney Linseed Mfg. Co., Flaxseed, Des Moines, Ia.
Anker-Holth Mfg. Co., mchsts. & fndrs., cream separators, Port Huron, Mich.
Anketell Lumber & Coal Co., 2530 Gratiot, Detroit, Mich.
Ankyra Mfg. Co., bolt, nut & rivet mfrs., 144 Berkley, Wayne Junct., Phila., Pa.
Ann Arbor Carriage Wks., Ann Arbor, Mich.
Ann Arbor Machine Co., Ann Arbor, Mich.
Anna Lumber & Mfg. Co., Anna, Ill.
Annear, Wm., mill & facty. supplies, 57 N. 2d, Philadelphia, Pa.
Annenberg, J. D., & Co., scrap iron & steel, Aurora, Ill.
Anness, H. W., & Co., flag mfrs., 409 Pearl, New York.
Anness & Potter Fire Clay Co., Woodbridge, N. J.
Annett Box Co., East Jeffrey, N. H.
Annett & Bros., granite, 12 W. 141st, New York.
Annin & Co., flags & pennants, 99 Fulton, New York.
Annino, Jos. S., contractor, Middletown, Conn.
Anniston Cordage Co., sash cords, etc., Anniston, Ala.
Anniston Fertilizer Co., Anniston, Ala.
Anniston Foundry Co., Anniston, Ala.
Anniston Hardware Co., Anniston, Ala.
Anniston Mfg. Co., cotton sheetings, Anniston, Ala.
Anniston Steel Co., elec. steel castings, logging & mine cars, forgings, etc., Anniston, Ala.
Annito, Edw. M., architect, 333 4th av, New York.
Anno, W. O., contr., Havana, Ill.
Annville Stone Co., Annville, Pa.
Ankrom, Francis S., architect, Hicks bldg, San Antonio, Texas.
Ansbacher, A. B., & Co., color mfrs., 527 5th av, New York.
Ansco Co., photographic supplies, Binghamton, N. Y.
Ansel Anton, architect, 5047 Cullom av, Chicago, Ill.
Ansell, Oscar, machst., Springfield, Ill.
Anslinger Sheet Metal Wks. Co., Springfield, Mo.
Anson, Gilkey & Hurd Co., lumber, shooks, Merrill, Wis.
Anson Lbr. Co., Timmonsville, S. C.
Anson Shingle & Lbr. Co., Kansas City, Mo.
Ansonia Clock Co., 99 John, New York.
Ansonia Electrical Co., burglar alarms, electric bells, magnets, push buttons, wires, etc., Ansonia, Conn.
Ansonia Mfg. Co., mchsts. & fndrs., Ansonia, Conn.
Ansonia Mfg. Co., screw machine products, etc., 15 Park Row, New York.
Ansonia Mfg. Co., marine clocks, 71 8th av, New York.
Ansonia Novelty Co., metal nov. & spec., Ansonia, Conn.
Ansonia, O. & C., Co., laces, Ansonia, Conn.
Ansonia Trap Rock Co., stone producers, Ansonia, Conn.
Ansorge, Carl T., architect, 2011 Seminary av, Chicago, Ill.
Ansted & Burk Co., flour & feed mills, Springfield, Ohio.
Anstedt, C., Leather Co., 560 Commerce, Milwaukee, Wis.
Anstey, A. D., architect, Bridge Plaza, Long Island City, N. Y.
Anstice, Josiah, & Co., hardware specialties, 238 N. Water, Rochester, N. Y.
Anstine, W. W., & Co., contractors, 1218 Filbert, Philadelphia, Pa.
Ansul Chemical Co., sulphur dioxide, Marinette, Wis.
Antakwa Co., paints & waterproof matls. mfrs., 212 N. Jefferson, Chicago, Ill.
Anthe Mach. Works, Covington, Ky.
Anthe, Phil J., & Co., advtg. novelties, Cincinnati, Ohio.
Anthoine, Geo. A., steam fitters' supplies, Biddeford, Me.
Anthony, B. W. Co., mill & facty. supplies, Fall River, Mass.
Anthony Co., burners, forges, furnaces, etc., 138 West av, Long Islannd City, N. Y.
Anthony, D. S., trunk mfr., Sioux City, Ia.
Anthony, Frank P., heating contr., 280 Washington, Boston, Mass.
Anthony, Mark, masons' & bldrs.' matls., Streator, Ill.
Anthony, P. H., architect, Waldheim bldg, Kansas City, Mo.
Anthony Wilfred E., architect, 2 W. 47th, New York.
Anthracite Bridge Co., steel struct. wk., Scranton, Pa.
Anthracite Separator Co., Hazleton, Pa.
Anthracite Welding & Mach. Co., Scranton, Pa.
Anthrol Wood Preserving Co., 12 E. 15th, New York.
Anti-Borax Compound Co., Ft. Wayne, Ind.
Antic-Dust Chemical Co., sweeping compounds, 1001 Water, Denver, Colo.
Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Anti-Kalsomine Co., wall finish, Grand Rapids, Mich.
Anti-Stick Co., waterproofing materials, Westerville, Ohio.
Antietam Paper Co., Hagerstown, Md.
Antigo Canning Co., Antigo, Wis.
Antigo Mfg. Co., broom handles, Antigo, Wis.
Antill, James, contractor, Houston, Texas.
Antioch Lumber Co., Antioch, Cal.
Antiseptol Liquid Soap Co., 564 W. Randolph, Chicago, Ill.
Antoine & Son, machsts., Passaic, N. J.
Anton, Geo. T., & Bro., boxes, lamps, miners', Monongahela, Pa.
Antonori & Smith, contr., Newport News, Va.
Antox Paint Co., Indianapolis, Ind.
Antozone Chemical Co., soap, etc., 32 Old slip, New York.
Antrim Iron Co., lbr., Grand Rapids, Mich.
Antrim Lime Co., Grand Rapids, Mich.
Antrim Lbr. Co., Wright Bldg., St. Louis, Mo.
Antrim, Walter, architect, 225 S. Sydenham, Phila., Pa.
Antronus, John H., architect, Montrose, Colo.
Antwerp Naval Stores Co., turpentine, Savannah, Ga.
Anyan, Wm. S., contractor, Greenwich, Conn.
Anylite Electric Co., regulating sockets, Dept. H, Fort Wayne, Ind.
Anylite Electric Regulator Co., Fort Wayne, Ind.
A. O. K. Equipment Co., cover racks, 549 W. Washington blvd, Chicago, Ill.
Any Package Wrapping Co., machines, 42 Spring, Newark, N. J.
Apco Asphalt Roofing Co., 47 W. 34th, New York.
Apco Mfg. Co., automobile accessories, Providence, R. I.
Apel, Gustav E., htg. contr., 575 4th. av, Brooklyn, N. Y.
Apelt, Herman, oils, horse hair, 76 Wall, New York.
Apex Appliance Co., clothes washing machines, 3223 W. 30th, Chicago, Ill.
Apex Chemical Co., Inc., sulphonated oils, 61 Park Row, New York.
Apex Color Wks., 50 W. B'way, New York.
Apex Elec. Mfg. Co., various pumps, 1410 W. 59th, Chicago, Ill.
Apex Electrical Mfg. Co., vacuum cleaners & washing machines, 1067 E. 152d, st, Cleveland, Ohio.
Apex Equipt. Co., steam shovels, etc., 63 Wall, New York.
Apex Fish Co., canned, Anacortes, Wash.
Apex Motor Corp., Ypsilanti, Mich.
Apex Pulverizing Mills, Inc., grinding & pulverizing wks., 254 Eagle, Brooklyn, N. Y.
Apfelbach Henry J., architect, 2133 Fremont, Chicago, Ill.
Apffel, Philip, & Co., lenses, 50 John, New York.
Apgar, John A., architect, 246 N. 7th, Newark, N. J.
Apollo Metal Works, La Salle, Ill.
Apollo Steel Co., iron rolling mills, Apollo, Pa.
Apollo Woolen Mills, Apollo, Pa.
Apostilico, Alphonso, contractor, Scranton, Pa.
Apothecaries Hall Co., chemicals, Waterbury, Conn.
Appalachian Corp., canned gds., Tallulah Park, Ga.
Appalachian Marble Co., Knoxville, Tenn.
Appel, Henry L., Co., contractors, 931 W. North av, Chicago, Ill.
Appelber & Neuman, Inc., shoe button mfrs., 23 Greene, New York.
Appenheimer, Jno. L., stone, 75 Appenheimer av, Buffalo, N. Y.
Appenzeller, W. H., willow ware mfrs., R. R. 3, Greenville, O.
Apperson Bros. Auto. Co., Kokomo, Ind.
Apple Plumbing & Htg. Co., cornices, West Chester, Pa.
Applebee, B. L., architect, Ossining, N. Y.
Appleby Bros., canned goods, Fayetteville, Ark.
Appleby Bros. & Whittaker Co., plumbers' & steam fitters' supplies, Harrisburg, Pa.
Appleby, T. H., & Co., horse collars, Syracuse, N. Y.
Applegarth, C. L., Co., canned goods, ft. of Webster, Baltimore, Md.
Applegarth, G. A., architect, Claus Spreckels Bldg., San Francisco, Cal.
Applegate Chemical Co., indelible inks, 6322 Ellis av, Chicago, Ill.
Applegate, Jos. H., brick, Trenton, N. J.
Appleton, A., architect, 1st Nat'l B'k bldg, San Francisco, Cal.
Appleton Brass Co., ball cocks, 3 Appleton, Boston, Mass.
Appleton Car Mover Co., 547 Eldorado, Appleton, Wis.
Appleton, Chas. J., contractor, Heed Bldg., Philadelphia, Pa.
Appleton Coated Paper Co., Appleton, Wis.
Appleton Co., cotton flannels, Lowell, Mass.
Appleton Const. Co., contrs., Appleton, Wis.
Appleton Counter Co., Haverhill, Mass.
Appleton Elec Co., conduit fittings, clamps & hangers, Wellington & Paulina, Chicago, Ill.

Appleton, F. H., Son, reclaimed rubber, 185 Summer, Boston, Mass.
Appleton Hay Tool Co., Appleton, Wis.
Appleton Machine Co., paper & pulp mill, Appleton, Wis.
Appleton Mfg. Co., agricultural implements, Batavia, Ill.
Appleton Toy & Furniture Co., Appleton, Wis.
Appleton, W. Cornell, architect, Exchange Bldg., Boston, Mass.
Appleton Wire Works, Appleton, Wis.
Appleton Wood Products Co., butchers' blocks, Appleton, Wis.
Appleton Woolen Mills, Appleton, Wis.
Appleyard, Geo. T., architect, Widdicomb Bldg., Grand Rapids, Mich.
Appleyard, George T., architect, Muskegon, Mich.
Appman Cornice Works, 128 Valencia, San Francisco, Cal.
Apollo Magneto Corp., Kingston, N. Y.
Appomattox Box Shook Co., Petersburg, Va.
Appomattox Iron Wks. & Supply Co., Petersburg, Va.
APPRAISAL ENGINEERING CORPN., 428 Grand av, Milwaukee, Wis., & 53 W. Jackson Blvd, Chicago, Ill.
Apsley Rubber Co., rubber boots, Hudson, Mass.
Apter Bros. Mfg. Co., carbon paper & typewriter ribbons, 552 W. Harrison, Chicago, Ill.
A. P. W. Paper Co., toilet paper, holders & towels, Albany, N. Y.
Aqua Elec. Heater Co., Bridgeport, Conn.
Aquahar Co., waterproofing mtlrs., 844 Widener Bl., Philadelphia, Pa.
Aquapura Filter Mfg. Co., St. Louis, Mo.
Aquart Mfg. Co., furniture polish, Chemical Bldg., St. Louis, Mo.
Aquatic Cream Separator Co., Rochester, N. Y.
Arabol Mfg. Co., dextrine, glue, starch, etc., 100 William, New York.
Aragon Mills, cotton duck & canvas, Aragon, Ga.
Arapahoe Flour Mills, mill feed & meal, Arapahoe, Neb.
Arata & Co., trunk mfrs., 118 S. 13th, Philadelphia, Pa.
Arbenz Car Co., Chillicothe, Ohio.
Arbeson & Hansen, contrs., Joliet, Ill.
Arbetter Felling Machine Co., 242 Dover, Boston, Mass.
Arbogast & Bastian Co., meat packers, Allentown, Pa.
Arbogast, S. G., brick, Farmer City, Ill.
Arborio, John, contr., New Haven, Conn.
Arbuckle & Co., mchsts. & fndrs., Rushville, Ind.
Arbuckle Bros., sugar refineries, 71 Water, New York.
Arbuckle-Ryan Co., agricultural machy. dlrs., Toledo, Ohio.
Arbuckle, Wm. Irwin, whol. hdwe., Erie, Pa.
Arbuckle & Son, brick, Homer, Ind.
Arbuckle & Son, brick, Rays Crossing, Ind.
Arcade Machine Wks., New Milford, Conn.
Arcade Malleable Iron Co., Worcester, Mass.
Arcade Mfg. Co., mfrs. coffee mills, hdwe., toys, molding machines, etc., Freeport, Ill.
Arcade Planing Mill Co., Arcade, N. Y.
Arcade Steam Heating Co., 126 W. Kinzie, Chicago, Ill.
Arcadia Advt. Specialties Co., Inc., Newark, N. J.
Arcadia Canning Works, Arcadia, Ind.
Arcadia Cotton Oil & Mill & Mfg. Co., Arcadia, La.
Arcadia Mill Co., flour, Enterprise, N. C.
Arcadia Mills, cotton sheetings, Spartanburg, S. C.
Arcadia Trailer Corp., Newark, N. J.
Arch, Henry C., contr., Forest Park, Ill.
Archambault, Albert, granite, Holyoke, Mass.
Archard, Richard J., contractor, 60 Murray, Fall River, Mass.
Archbald, E. L., Co., contractors, 111 W. Washington, Chicago, Ill.
Archbold-Brady Co., steel structural wks., Syracuse, N. Y.
Archbold Brick & Tile Co., Archbold, Ohio.
Archcraft Wilkinson Co., chemicals, potash, sulphate, ammonia, etc., Atlanta, Ga.
Archdeacon & Sullivan, contractors, 5 E. Concord, Boston, Mass.
Archer & Allen, architects, Central Savings Bk. Bldg., Baltimore, Md.
Archer & Baldwin, machy. dlrs., 114 Liberty, New York.
Archer Blower & Pipe Co., Seattle, Wash.
Archer, C. S., canned goods, Pylesville, Md.
Archer, Chas. S., architect., 6849 Dorchester, Chicago, Ill.
Archer, Chris., contractor, West New Brighton, N. Y.
Archer-Daniels Linseed Co., 2901 S. E., Minneapolis, Minn.
Archer, Geo., brick, Haverstraw, N. Y.
Archer, Geo. F., sewerage disposal plants; tele. & app., 10 E. 43d, New York.
Archer, H. & Co., contractors, 314 S. 10th, Minneapolis, Minn.
Archer Iron Works, steel automobile truck bodies, 2436 W 34th pl., Chicago, Ill.
Archer, J. W., & Son, canned goods, Wilna, Md.
Archer, John, canned goods, Magnolia, Md.
Archer Lumber Co., Helena, Ark.
Archer Mfg. Co., dental, barber chairs, etc., Rochester, N. Y.
Archer & Pancoast Co., elec. & gas light fixtures, 507 W. 24th, New York.
Archer Piano Co., 549 W. 52d, New York.
Archer, Romulus C. J., architect, 628 Church, Norfolk, Va.
Archer Rubber Co., Milford, Mass.
Archer Strauss Rubber Co., soles, Framingham, Mass.
Archer Tire & Rubber Co., 711 15th av, N. E., Minneapolis, Minn.
Archey, Brant, Coal Co., masons' & bldrs.' matls., Frankfort, Ind.
Archery Co., toys, games & nov., Glen Falls, N. Y.
Archibald Co., 667 Howard, San Francisco, Cal.
Archibald, F., Co., boot counters, Haverhill, Mass.
Archibald Guilford Wheel Co., Guilford, Conn.
Archibald Mfg. Corp., shoe blacking, Rochester, N. Y.
Archibald Wheel Co., Lawrence, Mass.
Architect (The), trade publication, 245 Mission, San Francisco, Cal.
Architects' Card File Co., advtg. nov., 35 Montgomery, San Francisco, Cal.
Architects' & Engrs.' Supply Co., 913 Grand av, Kansas City, Mo.
Architectural Contrg. Co., 101 Park av, New York.
Architectural Decorating Co., decorations, plastic relief, 1600 S. Jefferson, Chicago, Ill.
Architectural Iron & Bronze Wks., 425 Potrero av, nr. 17th, San Francisco, Cal.
Architectural Metal Works, 157 E. 85th, New York.
Architectural Sales Co., architects, 36 N. Dela av, Phila., Pa.
Architectural Service Co., The, 165½ N. High, Columbus, Ohio.
Arch'l Cornice & Skylight Wks., 4077 Park av, New York.
Archl. Mold Co., Warren & Medrum avs, Detroit, Mich.
Arch'l Record, trade publication, 119 W. 40th, New York.
Architecture, trade publication, 597 5th av, New York.
Architecture & Bldg., trade publication, 23 Warren, New York.
Arco Co., paints, varnishes & enamels, etc., Euclid & E. 65th, Cleveland, Ohio.
Arctic Ice Machine Co., ice & refrigerating machines, Canton, Ohio.
Arden Bennett Corp., juvenile vehicles, 450 E. 148th, New York.
Arden Manufg. Co., toys, Guttenberg, N. J.
Ardis & Co., Ltd., masons' & bldrs.' matls., Shreveport, La.
Ardmore Brick & Tile Co., Ardmore, Okla.
Ardmore Milling Co., flour, Ardmore, Okla.
Ardmore Refining Co., petroleum & its products, Ardmore, Okla.
Ardrey, S. B. & Sons, mchsts. & fndrs, Bristol, Pa.
Arenander, Carl E., architect, 587 Summer av, Newark, N. J.
Arend, Ernest A., architect, 105 W. 40th, New York.
Arensberg & Clemence, cornices, 924 Moyamensing, Phila., Pa.
Arex Co., ventilators, 1591 Conway bldg, Chicago, Ill.
Argent Lumber Co., Hardeeville, S. C.
Argentine Coal Co., bituminous, Oliver bldg, Pittsburgh, Pa.
Arghis, E. J., & Co., bolts & lock nuts, 74 Wall, New York.
Argillo Wks., sewer pipe, Carbon Cliff, Ill.
Argillo Wks., brick, Rock Island, Ill.
Argo Milling Co., buckwheat flour, Charlevoix, Mich.
Argonne Motor Car Co., 113 Plymouth, Jersey City, N. J.
Argus Asbestos Co., Inc., textiles & packings, Port Chester, N. Y.
Argus Mfg. Co., pen clips, 402 N. Paulina, Chicago, Ill.
Argus Novelty Co., swings, La Porte, Ind.
Argus Smelting Co., 47 W. 34th, New York.
Arguto Oilless Bearing Co., non-metallic oilless, bearings, trade mark "Arguto," 149 Berkley, Wayne Junc., Phila., Pa.
Arioli, G., & Co., granite, Montpelier, Vt.
Arion Mfg. Co., talking machines, Boston, Mass.
Arista Mills Co., sheeting, Winston-Salem, N. C.
Aristo Co., perforated music rolls (Belleville), Newark, N. J.
Arithstyle Co., adding machines, 35 W. 39th, New York.
Arizona Copper Co., Clifton, Ariz.
Arizona Gypsum Plaster Co., Douglas, Ariz.
Arizona Hardware Supply Co., wholesale, Phoenix, Ariz.
Arizona Iron Works, Phoenix, Ariz.
Arizona Lumber & Mill Co., Tucson, Ariz.
Arizona Lumber & Timber Co., Flagstaff, Ariz.
Arizona Mine Supply Co., mill & factory supplies, whol. hdwe., Prescott, Ariz.
Arizona & Sonora Mfg. Co., machinists & fndrs., Nogales, Ariz.
Arkadelphia Milling Co., lumber, Arkadelphia, Ark.
Ark. Brick & Mfg. Co., Little Rock, Ark.
Ark. Bridge Co., contrs., Waldheim Bldg., Kansas City, Mo.
Ark Carpet & Furn. Co., Dept. H., Little Rock, Ark.
Ark. City Milling Co., flour, Arkansas City, Kan.
Ark. Coffin Co., South Fort Smith, Ark.
Ark. Cypress Shingle Co., Little Rock, Ark.
Ark. Fertilizer Co., Little Rock, Ark.
Ark. Fdry Co., Little Rock, Ark.
Ark. Land & Lumber Co., Malvern, Ark.
Ark. Lime Co., Ruddells, Ark.
Ark. Lumber Co., Warren, Ark.
Ark. Mill Supply Co., Pine Bluff, Ark.
Ark. & Miss. Hdwe. Co., Helena, Ark.
Ark. Oak Flooring Co., Pine Bluff, Ark.
Ark. Orchard Planting Co., canned goods, Highland, Ark.
Ark. Short Leaf Lbr. Co., Pine Bluff, Ark.
Ark. Short Leaf Lumber Co., oak flooring, etc., R. A. Long bldg., Kansas City, Mo.
Ark. Valley Fence Co., Wichita, Kan.
Ark. Zinc & Smelting Corp., spelter, Van Buren, Ark.
Arkell Safety Bag Co., paper bag mfrs., 120 B'way, New York.
Arkell & Smiths, paper bags, Canajoharie, N. Y.
Arkisen Bros., brick, Hudson, N. Y.
Arkmo Packing Co., Decatur, Ark.
Arkwright Mills, cotton sheetings, Fall River, Mass.
Arlington Art Glass Wks., Atlanta, Ga.
Arlington Canning Assn., Arlington, Minn.
Arlington, Claude L., architect, 507 Main, Worcester, Mass.
Arlington Coal & Coke Co., Lynchburg, Va.
Arlington Lumber Co., Arlington, Ky.
Arlington Machine Works, Arlington Heights, Mass.
Arlington Mfg. Co., paints, Canton, Ohio.
Arlington Milling & Lumber Co., Hillyard, Wash.
Arlington Refrigerator Co., Arlington, Vt.
Arlitt, Max., cornices, Austin, Tex.
Armand Mach. Wks., Inc., glass house equipt., 448 N. Wells, Chicago, Ill.
Armbruster, M., & Sons, scenic artists, 249 S. Front, Columbus, Ohio.
Armbruster, Otto, machsts & fndrs., Sheboygan Falls, Wis.
Armendinger, M., & Son, contractors, 1153 Myrtle av, Brooklyn, N. Y.
Armentrout & Sons, wholesale hdwe., 1710 14th, N. W., Washington, D. C.
Armer, Clarence H., & Bro., hogsheads, Augusta, Ky.
Armfield, G. W., architect, Greensboro, N. C.
Armiger Chemical Co., carriage dressing, 2155 Austin av, Chicago, Ill.
Armington Engineering Co., hand power housing equipment, Euclid, O. *See adv index at end of book.*
Arminius Chemical Co., 44 Pine, New York.
Armitage, Jno. L., & Co., wood fillers, 54 Dawson, Newark, N. J.
Armitage Manufg. Co., pitch, Richmond, Va.
Armleder, O., Co., automobile bldrs., 12th & Plum, Cincinnati, O.
Armor Bronze Co., decorative bronze, lighting fixtures & table lamps, 236 5th ave., New York.
Armor Clad Mfg. Co., filing cabinets, Canton, Ohio.
Armour Ammonia Wks., 1355 W. 31st, Chicago, Ill.
Armour, C. P., & Co., brick, Houston Station, Del.
Armour & Co., meat packers, Union Stock Yards, Chicago, Ill.
Armour Fertilizer Wks., United Stock Yards, Chicago, Ill.
Armour Curled Hair & Felt Wks., 3131 Benson, Chicago, Ill.
Armour Glue & Ammonia Wks., 22 Battery, San Francisco, Cal.
Armour Glue Wks., 49 Commercial Wharf, Boston, Mass.; 3130 Benson, Chicago, Ill.; & 120 B'way, New York.
Armour Institute of Technology, engng. school & college & testing laboratory, 3300 Federal, Chicago, Ill.
Armour, Judson, carriages, East Downington, Pa.
Armour Leather Co., 175 N. Franklin, Chicago, Ill.
Armour Sandpaper Wks., 1355 W. 31st, Chicago, Ill.
Armour Soap Wks., 1355 W. 31st, Chicago, Ill.
Arms, H. G., stone prod., Bristol, Conn.

Armspear Mfg. Co., lamps, 447 W. 53d, New York.
Armstrong, A., Co., carriages, 719 State av, Cincinnati, Ohio.
Armstrong, A. J., architect, 516½ Market, Shreveport, La.
Armstrong, A. R., contractor, 148 W. Kirby, Detroit, Mich.
Armstrong-Blum Mfg. Co., rod cutters, punches & shears, etc., 337 N. Francisco av, Chicago, Ill.
Armstrong Bros., cornices, Springfield, Ill.
Armstrong Bros. Tool Co., tool holders, etc., 339 N. Francisco av, Chicago, Ill.
Armstrong, C. E.. & Sons, wholesale hdwe., Clinton, Ia.
Armstrong Co., cements, putty, South & Post av, Detroit, Mich.
Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
Armstrong Cork Co., carpets & linoleum, 24th & A. V. R. R., Pittsburgh, Pa.
Armstrong & De Gelleke, architects, 122 E. 25th, New York.
Armstrong, Eliza J., packing box mrfrs., 513 Greenwich, New York.
Armstrong, F. A. W., & Co., screw machine products, 358 Atlantic av, Boston, Mass.
Armstrong & Fliesmam, mill & factory supplies, Dunkirk, N. Y.
Armstrong, Frank H., architect, Seward Bldg., Auburn, N. Y.
Armstrong, Fred A., switch blocks, 348 Court, Brooklyn, N. Y.
Armstrong, G. R., Mfrs. Supplies, Inc., mill & facty. supplies, 252 Franklin, Boston, Mass.
Armstrong, G. W., cornices, Shelby, Ohio.
Armstrong, Geo. W., & Co., Inc., iron & steel bars, Fort Worth, Tex.
Armstrong, H. J., & Co., loose leaf devices, 538 S. Clark, Chicago, Ill.
Armstrong, I., & Co., sash, door & blind, Danbury, Conn.
Armstrong, J. C., Mach. & Fdry. Co., Peoria, Ill.
Armstrong, Jno., Lime & Quarry Co., Alton, Ill.
Armstrong-Johnston Mfg. Co., auto. bodies, Columbus, Ohio.
Armstrong, Joseph M., architect, Annapolis, Md.
Armstrong & Koch, architect, Audubon bldg, New Orleans, La.
Armstrong, Landon Co., whol. hdwe, lbr., etc., Kokomo, Ind.
Armstrong & Latta Co., contractors; dock bldrs., Land Title Bldg., Philadelphia, Pa.
Armstrong, Les. R., bldg. contr., 1263 S. Figroa, Los Angeles, Cal.
Armstrong, M., Co., wood & metal auto. bodies, 433 Chapel, New Haven, Conn.
Armstrong Mach. & Well Wks. Co., Ltd., Welsh, La.
Armstrong Mach. Wks., Three Rivers, Mich.
Armstrong Machinery Co., ice & refrigerating machines, Spokane, Wash. *See adv index at end of book.*
Armstrong, Maitland & Co., glass stainers, etc., 58 W. 10th New York.
Armstrong Mfg. Co., brick, Hicksville, Ohio.
Armstrong Mfg. Co., corn racks, Ottumwa, Ia.
Armstrong Mfg. Co., mech. stokers, Springfield, Ohio.
Armstrong Mfg. Co., forgings and machsts. & fndrs., Waterloo, Iowa.
Armstrong Mfg. Co., saw tools. 42nd, Portland Ore.
Armstrong Mfg. Co., water, gas & steam fitters' tools, 278 Knowlton, Bridgeport, Conn.
Armstrong Oiler Co., car journal lubricators, Commonwealth Trust Bldg., Philadelphia, Pa.
Armstrong, P. M., & Co., tin plate, metals, Lisbon, Ohio.
Armstrong Packing Co., lubricating oils & greases, soap, meat, Dallas. Tex.
Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
Armstrong & Parker, bolts, screws, washers, etc., Guilford av, Baltimore, Md.
Armstrong, Paul, advtg. spec., 97 Ft. Washington av, New York.
Armstrong, R. S., & Bro., mill & facty. supplies, Atlanta, Ga.
Armstrong Rubber Co., heels, tubing, Garfield, N. J.
Armstrong Stove & Mfg. Co., Perryville, Md.
Armstrong Tanning Co., Hart & Charleroi, Detroit, Mich.
Armstrong-Thielman Lumber Co., Calumet, Mich.
Armstrong Truck Co., North Wales, Pa.
Armstrong & Veley, machsts., Kalamazoo, Mich.
Armstrong, W. H., Co., surgical instruments, 34 W. Ohio, Indianapolis, Ind.
Armstrong, Walter, machst., Springfield, Mass.
Armstrong, Wm., machst. & fndr., Maryville, Mo.
Armstrong, W. B., contractor, Everett, Boston, Mass.
Armstrong, William, knitted gloves, Needham Heights, Mass.
Armstrong, Wm. H., carriage wheels, South Coventry, Conn.
Armstrong-Wolfe-Zimmerman Co., mill & facty. supplies, 1st & Market, Pittsburgh, Pa.
Arndt Bros., rye & wheat flour, Sheboygan, Wis.
Arndt, Wm., cornices, Easton, Pa.
Arnell, Robt., lbr., Lewes, Del.
Arner, Fred C., chemicals, Buffalo, N. Y.
Arneson Fdry. Co., Kenosha, Wis.
Arnett, C. C., machst. & fndr., Gainesville, Tex.
Arnett, Edw. B., contractor, Sea Isle City, N. J.
Arnett, Lee, Co., road culverts, Lincoln, Neb.
Arnold, A. A., architect, Weston, W. Va.
Arnold, Adam, brick, Thomasville, Ga.
Arnold Bros., meat packers, 660 W. Randolph, Chicago, Ill.
Arnold, C. N., Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.
Arnold, Casper, & Son, sashes, doors & blinds, Cullman, Ala.
Arnold, Cheney & Co., ivory, gum arabic imprs., 82 Beaver, New York.
Arnold, Clinton C., architect, Scarboro-on-Hudson, N. Y.
Arnold & Co., lbr. mfrs., Albany, N. Y.
Arnold Co., contrs., 105 S. La Salle, Chicago, Ill.
Arnold Co., tex. machy., iron castings, etc., Norwalk, Conn.
Arnold, Conrad, stone prod., 1207 Orange, Syracuse, N. Y.
Arnold-Creager Co., machinery, New London, Ohio.
Arnold Damper, Inc., Goshen, Ind.
Arnold, Daniel, machst. & fndr., Warren, Ind.
Arnold E. J., contr., Macon, Ga.
Arnold, E. W., architect, Battle Creek, Mich.
Arnold Electric Co., drink mixers, hair dryers, electric motors, massage vibrators, etc., Racine, Wis.
Arnold Elec. Tool Co., Inc., see Lapointe, J. N., Co. (successor).
Arnold, Elmer H., Co., cornices, Superior, Wis.
Arnold-Evans Co., plbrs.' supplies, Spokane, Wash.
Arnold, H. H., Co., machsts. & fndrs., Rockland, Mass.
Arnold, Hoffman & Co., aniline colors, alkali & starch mfrs., 55 Canal, Providence, R. I.
Arnold, J. T., lbr., Elliott, Ark.
Arnold & Mabey, contrs., 121 5th, San Francisco, Cal.
Arnold & Murdock, machsts., Kenosha, Wis.
Arnold, N. B., metal polish, rust preventatives, 1 Sigourney, Brooklyn, N. Y.
Arnold & North, fireplace furnishings, wood mantels, 124 E. 41st, New York
Arnold Print Wks., machsts. & fndrs., North Adams, Mass.
Arnold, R. H., Co., contractors, 830 McGarry, Los Angeles, Cal.
Arnold, S. A., landscape architect, 50 Broomfield, Boston, Mass.
Arnold, Samuel, architect, 2996 Adeline, Berkeley, Cal.
Arnold, Schwinn & Co., bicycle mfrs., 1718 N. Kildare av, Chicago, Ill.
Arnold & Stern, architects, East. Av Bldg., Rochester, N. Y.
Arnold, Thos., cornices, Lancaster, Pa.
Arnold & Van House, architects, Daly Bk. Bldg., Butte, Mont.
Arnold, W. A., fertilizer mfr. Clio, Ala.
Arnold, W. B. & Co., mill & facty. supplies, Waterville, Me.
Arnold, W. E., rubber molds, Malden, Mass.
Arnold-Wagner Elec. Co., door key lights, South Bend, Ind.
Arnold, Walter, architect, Daly Bank Bldg., Butte, Mont.
Arnold, Wm. H., sash, door & blind, Adams, Mass.
Arnold & Zeiss, crude rubber, 347 Madison av, New York.
Arnolds, G. W., Son, agricultural implements, Ionia, Mich.
Arnold's, J. H., Son, labels, stamps, stencils, 47 Fulton, New York.
Arnot, A. M., cornices & skylights, Charleston, S. C.
Arnott & Co., machinery, 121 S. Los Angeles, Los Angeles, Cal.
Arnstein Eugene paints enamels, bronze powders etc., 3433 S. Racine, Chicago, Ill.
Arntzen Co., Inc., hospital stretchers, 808 N. Clark, Chicago, Ill.
Arny, C. W., & Son, mill & facty, supplies, Trenton & Somerset, Philadelphia, Pa.
Arny, Chas., iron, steel, Elizabeth, N. J.
Aronauer, Joseph, mattresses, 61 Chrystie, New York.
Aroner, J. S., architect, 25 E. Jackson blvd, Chicago, Ill.
Aronoff, Joseph J., canvas & leather bags & specialties, Trenton, N. J.
Aroostook Valley Starch Co,, Fort Fairfield, Me.
Arora Co., clothes washing machines, 46 E. 41st, New York.
Arp & Hammond Hardware Co., Cheyenne, Wyo.
Arpin, J. B., contractor, Houston, Tex.
Arpin, J. B., Dredging Co., Grand Rapids, Wis.
Arpin, John, Lumber Co., Grand Rapids, Wis.
Arpp, Simpson Co., contractors, Middletown, Ohio.
Arrah-Wanna Moccasin Co., hunting boots, Brockton, Mass.
Arras Cream Separator Co., machsts., Bluffton, Ohio.
Arrigoni, F., & Bro., contractors, Middletown, Conn.
Arrington Fdry. & Mach. Co., Brookhaven, Miss.
Arrington, H. J., Co., lumber, Claremont, Va.
Arrow Boiler Compound Co., Commonwealth Trust bldg, St. Louis, Mo.
Arrow Bottlers Machy. Co., 17 N. La Salle, Chicago, Ill.
Arrow Coal Co., bituminous, Oliver bldg. Pittsburgh, Pa.
Arrow Conductor & Mfg. Co., 1536 W. Adams, Chicago, Ill.
Arrow Electric Co. (The), electric wiring device mfrs., Hartford, Conn.
Arrow Flexible Conduit Co., Inc., 210 Canal, New York.
Arrow Forging & Tool Wks., boilermakers' & machinists' tools, 514H Laflin, Chicago, Ill.
Arrow Grip Mfg. Co., auto jacks, Glens Falls, N. Y.
Arrow Hdwe. Corp., 214 Fulton, New York
Arrow Head Mfg. Co., lime mfrs., 4025 Park av, St. Louis, Mo.
Arrow Mfg. Co., electric motors, etc., 618 B'way, Toledo, Ohio.
Arrow Tool Co., wrenches, 800 Kensington av, Buffalo, N. Y.
Arrowhead Mills, Inc., sulphite pulp, Fulton, N. Y.
Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Art Bedstead Co., 37th & Rockwell, Chicago, Ill.
Art Brass & Wire Wks., Forest & Ellery, Detroit, Mich.
Art Brass Co., 299 E. 134th, New York.
Art Castings Wks. 104 Verona, Newark, N. J.
Art Furn. Co., Dept. H, Sheboygan, Wis.
Art Furn Mfg. Co., Dept. H, Racine, Wis.
Art Gas & Electric Fixture Co., 329 Elmwood av, Buffalo, N. Y.
Art Glass Co., La Crosse, Wis.
Art Glass Studios, 374 E. 141st, New York.
Art Graphic Co., pennant mfrs., 129 Fulton, New York.
Art Hardware & Mfg. Co., Seattle, Wash.
Art Iron & Wire Works, Toledo, Ohio.
Art-in Buttons, Inc., mfrs., Rochester, N. Y.
Art Joinery Co. (furniture), Dept. H, 13th & Clay, Cincinnati, Ohio.
Art Lamp Mfg. Co., 521 S. Wabash, Chicago, Ill.
Art Marble Co., 2608 Flournoy, Chicago, Ill.
Art Metal Construction Co., steel office furniture, files & safes, Jamestown, N. Y.
Art Metal Fireproof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.
Art Metal Mfg. Co., lamps, E. 61st & Curtis av, Cleveland, Ohio.
Art Metal Mfg. Co., see Fiat Metal Mfg. Co. (successors).
Art Metal Products Co., metal furniture, bank fixtures, etc., 514 S. Green, Chicago, Ill.
Art Metal Wks., fndrs., 7 Mulberry, Newark, N. J.
Art Mosaic & Tile Co., Toledo, Ohio.
Art Novelty Co., music cabinets, Goshen, Ind.
Art Pattern Wks., 121 Lafayette av, Detroit, Mich.
Art Shade Co., 224 N. Desplaines, Chicago, Ill.
Art Stone Co., artificial bldg. stone, 240 Market, Hartford, Conn.
Art Stone Co., artificial marble, 52 N. Patomic av, Waynesboro, Pa.
Art Stone Co., Millers Falls, Mass.
Art Stone Construction Co., Miami, Fla.
Art-Stone Mfg. Co., 282 9th av, New York.
Art Stove Co., Russell & Milwaukee, Detroit, Mich.
Art Wall Paper Mills, 2414 W. 21st, Chicago, Ill.
Art Wares Mfg. Co., Indianapolis, Ind.
Arts Elec'l Co., lamp coloring, Troy, N. Y.
Arters, A., Son Co., saddles, Lisbon, Ohio.
Artesian Stone & Lime Wks., Grand & Campbell avs, Chicago, Ill.
Artesian Well & Supply Co., 195 Anthony, Providence, R. I.
Artisan Mfg. Co., belt shifters, Lockland, Ohio.
Arth Brass & Aluminum Castings Co., 1378 E. 33rd, Cleveland, O.
Arthur Co., machsts, 188 Front, New York.
Arthur, H. S. & Sons Co., cornices, Watertown, N. Y.
Arthur, W. H., contractor, Washington Bldg., Stamford, Conn.
Artificial Bldg. Products Co., Inc., flooring & stucco, Real Estate Exchange Bldg., Detroit, Mich.
Artillery Fuse Co., ammunition, Church & F, Wilmington, Del.

Artista Piano Player Co., Rock Island, Ill.
Artistic Bronze Co., brass & bronze hdwre., Bridgeport, Conn.
Artistic Medal & Badge Co., buttons, 1 Beekman, New York.
Artistic Nov. Co., 312 7th av, New York.
Artistic Wood Turning Wks., 515 N. Halsted, Chicago, Ill.
Artistic Weaving Co., cotton & silk woven labels, 141 W. 36th, New York.
Artley Bros., fndrs., Muncy, Pa.
Artley Co., contrs., Savannah, Ga.
Artman, Nichols & Co. Lbr. Co., Metropole, Ill.
Artos Eng'g. Co., 348 Milwaukee, Wis.
Arundel Sand & Gravel Co., sand, Pier 2, Pratt, Baltimore, Md.
Arvac Mfg. Co., universal joints, Anderson, Ind.
Arvonia-Buckingham Slate Co., Richmond, Va.
Arzinger, W. O., Machy Co., ore reduction, Nashville, Tenn.
Arwe, Carl H., Mfg. Co., irons, bowls, forging, stamping, 1348-52 De Kalb av, Brooklyn, N. Y.
Asbell, S. J., Co., mchsts. & fndrs., Paterson, N. J.
Asbestolith Mfg. Co., sanitary flooring, 1 Madison av, New York.
Asbestos Burial Casket Co., Lowville, N. Y.
Asbestos Co. of Cal., 16 Natoma, San Francisco, Cal.
Asbestos Copying Bath Co., 26 Barclay, New York.
Asbestos Felting Wks., 79 Maiden la, New York.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Mineral Corp., asbestos, 17 Battery pl, New York.
Asbestos & Rubber Wks. of Am., 58th & B'way, New York.
Asbestos & Rubber Wks. of N. J., packing mfrs., Camden, N. J.
Asbestos Shingle Co., Nashua, N. H.
Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.
Asbestos Supply & Mfg. Co., mill & facty supplies, 111 W. 3rd, Cincinnati, O.
Asbestos Textile Co., asbestos products, 233 B'way, New York.
Asbestos Wood Co., Nashua, N. H.
Asbury Glass Sign Co., 304 Greenwich, New York.
Asbury Graphite Mills, Asbury, N. J.
Asbury, Louis H., architect, Charlotte, N. C.
Asbury Marble Co., Knoxville, Tenn.
Asbury Park Mill Co., sashes, doors & blinds, Asbury Park, N. J.
Asbury, Otis K., architects, 110 N. 7th, Richmond, Va.
Ascension Red Cypress Co. (Ltd.), lumber & cypress shingles, 403 Whitney bldg., New Orleans, La.
Asch & Co., auto. towing ropes, 16 W. 61st, New York.
Asch, Edgar S., Co., metal buttons, 30 W. 36th, New York.
Aschauer, Chas. J., architect, Citizens' Bank Bldg., Decatur, Ill.
Aschenbach, Walter J., architect, 51 Wakeman av, Newark, N. J.
Ascher, Leopold Co., shaving brushes, 118 6th av, New York.
Ascher Supply Co., plumbers' supplies, jobbers, 236 N. Third, Columbus, O.
Asdahl & Nelson, masons' & bldrs. matls., Racine, Wis.
Asendorf, J. H., Co., lumber mfrs., Stewart Bldg., Baltimore, Md.
Asendorf, Wm. H., & Co., packing box mfrs., Russell & Stockholm, Baltimore, Md.
Aseptic Cotton Products Co., Chattanooga, Tenn.
Aseptic Furn. Mfg. Co., 131H, First av S., Seattle, Wash.
Aseptic Hospital Supply Co., furniture, 92 Fulton, B'klyn, N. Y.
Aseptico Laboratories, Inc., surgical gauze, 107 State, Rochester, N. Y.
Aseptic Products Co., surgical gauze mfrs., 237 Borden av, Long Island City, N. Y.
Ash, C., & Sons, contractors, 202 Maria av, St. Paul, Minn.
Ash, Chas. H., contractor, Coatesville, Pa.
Ash, Chas. W., lumber, Coatesville, Pa.
Ash, Claudius, Sons & Co. (Ltd.), rubber goods, 1 Union sq, New York.
Ash Grove Lime & Portland Cement Co., Grand av Temple, Kansas City, Mo.
Ash, Henry M., mill & facty. supplies, Paterson, N. J.
Ash, Percy, University of Illinois, architect, Toledo, Ill.
Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
Ashbaugh Co., paint mfrs., Columbus, Ohio.
Ashbery, Hy. C., stencils, rubber stamps, etc., 285 Washington, Buffalo, N. Y.
Ashboro Roller Mills, flour, Ashboro, N. C.
Ashboro Wheelbarrow Co., sashes, doors & blinds, ladders, Ashboro, N. C.
Ashbrook Elec. Co., storage batteries, 4111 Ravenswood av, Chicago, Ill.
Ashbrook, F. S., Dist. Co., Cynthiana, Ky.
Ashburn Lumber Co., Ashburn, Ga.
Ashburn Oil Mill, Ashburn, Ga.
Ashby Bros. Lbr. Co., Bethany, Mo.
Ashby, George Wm., architect., 178 W. Jackson blvd., Chicago, Ill.
Ashby, Jos., contractor, 1920 Oxford av (Fox Chase), Philadelphia, Pa.
Ashby, Wilbert B., architect, 178 W. Jackson blvd, Chicago, Ill.
Ashby & Sons, cereal & prepared foods, Leavenworth, Kans.
Ashcraft Cotton Mills, Florence, Ala.
Ashcraft-Wilkinson Co., chemicals, Candler Bldg., Atlanta, Ga.
Ashcroft Mfg. Co., alarms, clocks, gauges, indicators, recorders, etc., 119 W. 40th, New York.
Ashe-Carson Co., turpentine, Andalusia, Ala.
Asheim, Leonard, architect, 211 State, Bridgeport, Conn.
Ashenden, H. H., machy. dlr., Waterbury, Conn.
Asher, A. J., lumber, Pineville, Ky.
Asher Mfg. Co., ldry. machy., Irvington, N. J.
Asheville Constr. Co., Asheville, N. C.
Asheville Dray, Fuel & Constr. Co., Asheville, N. C.
Asheville, Mica Co., Asheville, N. C.
Asheville Milling Corp., flour, Asheville, N. C.
Asheville Packing Co., fertilizer mfrs., Asheville, N. C.
Asheville Supply & Fdry. Co., Asheville, N. C.
Ashfield, F. J., contractor, 350 Fulton, Brooklyn, N. Y.
Ashford Trunk & Bag Co., Atlanta, Ga.
Ashland Cement Constr. Co., Ashland, Ky.
Ashland Co., cotton sheetings, Ashland, R. I.
Ashland Co., lbr., Sheridan, Me.
Ashland Cotton Co., umbrella cloth, Jewett City, Conn.
Ashland Elec. Co., conduits, switches & wire cables, 1517 Haddon av, Chicago, Ill.
Ashland Fire Brick Co., Ashland, Ky.
See adv index at end of book.
Ashland Fdry. & Mach. Works, Ashland, Ky.
Ashland Graphite Co., Ashland, Ala.
Ashland Hardware Co., Ashland, Ohio.
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Iron Wks., Ashland, Ore., and 1604 W. Superior, Chicago, Ill.
Ashland Lime, Salt & Cement Co., masons' & bldrs. matls., Ashland, Wis.
Ashland Lumber Co., Ashland, Ky.
Ashland Mfg. Co., auto jacks, etc., Ashland, Ohio.
Ashland Mfg. Co., see Wilson, Thos. E. & Co. (successor).
Ashland Milling Co., Ashland, Ky.
Ashland Oil Mill & Fertilizer Co., Ashland, Ala.
Ashland Paint Co., Huntington, W. Va.
Ashland Paper Co., Ashland, Wis.
Ashland Products Co., auto jacks & tire savers, Ashland, Ohio.
Ashland Steel Co., Ashland, Ky.
Ashley, M. F., & Co., masons' & bldrs. matl., Attleboro, Mass.
Ashley Machine Wks., Rochester, N. Y.
Ashley Sewage Disposal Co., consulting & construction engineers, Morgan Park, Chicago, Ill.
Ashley Steel Building Co., Inc., portable building, 1790 B'way, New York.
Ashley, T. C., & Co., aniline colors, rubber substitutes, etc., Atlantic av, Boston, Mass.
Ashman, Geo., crushed stone, Osgood, Ind.
Ashman, S. A. & Son Co., iron forgings, 2300 E. Tioga, Phila., Pa.
Ashmore, Clifford, stencils, 210 Arch, Philadelphia, Pa.
Ashmusen Mfg. Co., aeronautical motors, 266 Pearl, Providence, R. I.
Ashoyton Knitting Co., knitted gloves, Shelburne Falls, Mass.
Ashtabula Corrugated Box Co., Ashtabula, Ohio.
Ashtabula Hide & Leather Co., Ashtabula, Ohio.
Ashtabula Pail Co., Ashtabula, Ohio.
Ashton Casket Co., Easton, Pa.
Ashton, J. B., flour mills, Columbia, Tenn.
Ashton, J. H., & Co., drinking fountains, 271 Franklin, Providence, R. I.
Ashton, Jos., Jr., mill supplies, Dept. H, New York av & Spruce, Trenton, N. J.
Ashton, Laird & Co., welding apparatus, 509 W. 45th, New York
Ashton Mfg. Co., burners, furnaces, torches, etc., 184 Emmet, Newark, N. J.
Ashton Valve Co., safety & relief valves, gauges, etc., 161 First, Cambridge, Mass.
Ashton, W. R., & Co., contrs., 9204 Pleasant av, Chicago, Ill.
Ashton, Wm. S., architect, 88 4th, Fall River, Mass.
Ashuelot Paper Co., Hinsdale, N. H.
Ashworth Bros., machsts., Fall River, Mass.
Ashworth's, J. E., Sons, horse blankets, West Brookville, N. Y.
Asiatic Petroleum Co. N. Y., Ltd., 233 B'way, New York.
Askam Rubber Co., reclaimed rubber, Milford, Conn.
Aske Automobile Voltage Regulator Co., Duluth, Minn.
Askew, W. S., Co., flour, lbr., Newnan, Ga.
Askew Saddlery Co., Kansas City, Mo.
Askins & Dircks Lumber Co., Union City, Tenn.
Askwith, H. A., architect, 292 E. 45th, Portland, Ore.
Aslop & Callanan, architect, Rand Bldg., Memphis, Tenn.
Asmus & Norton, see Asmus & Clark (successors).
Aspaugh, J. A., brick & tile, Payne, Ohio.
Asphalt Block Pavement Co., Toledo, Ohio.
Asphalt Constr. Co., Madison av & 137th, New York.
Asphalt Roof Coating Co., Ltd., 10 E. 43rd, New York.
Asphalt Roofing Co., Saginaw, Mich.
Asphaltum & Oil Refining Co., 2475 E. 9th, Los Angeles, Cal.
Asphaltum & Chemical Products Co., electro-platers' chemical, Park Row bldg, New York.
Aspinwall, Geo. H., Inc., paints, chemicals, etc., Cornelison av, Jersey City, N. J.
Aspinwall, J. Lawrence, architect, 8 W. 40th, New Yorfi.
Aspinwall Mfg. Co., agricultural implements, Jackson, Mich.
Aspromet Co., asbestos protected metal roofing, louvres, shingles, venitators, etc., 1st National Bank Bldg., Pittsburgh, Pa.
Assau, W. F., Canning Co., Boston, cor. Streeper, Baltimore, Md.
Assay, Wilbur, architect, Asbury Park, N. J.
Assenmacher, W. J., Co., contractors, Lincoln, Neb.
Assies, John, architect, Wilson Terrace, off 199 Lewis, Lynn, Mass.
Associate Architectural & Eng., Inc., architect, 145H State, Springfield, Mass.
Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.
Associated Buffalo Architects, 232 Delaware av, Buffalo, N. Y.
Associated Cooperage Co., Inc., 150 Nassau, New York.
Associated Mfrs. Co., machsts. & fndrs., Waterloo, Ia.
Associated Mfrs. Co. of N. Y., plbrs. supplies, 103 Varick, New York.
Associated Metal Lath Manufacturers, 901 Swetland Bldg., Cleveland, Ohio.
Associated Oil Co., Sharon Bldg., San Francisco, Cal.
Associated Rolling Mills, Ltd., copper ferrules, 145 Lafayette, New York.
Associated Silver Co., silver plated tableware, 5 S. Wabash av, Chicago, Ill.
Associated Supply Co., oil & gas well supplies, Sharon Bldg., San Francisco, Cal.
Associated Tanners' Machinery Co., hide & leather working machinery, mfrs., 424 Essex, Salem, Mass.
Associated Tile Mfrs., art, ceramic, enameled, etc., Masonic Bldg., Beaver Falls, Pa.
Associated Well Supply Co., Inc., 111 Broad, New York.
See adv index at end of book.
Astell, Hdwe. Co., cornices & skylights, Buffalo, Wyo.
Astle, H. J., & Co., exhaust fans, polishing machines, etc., 118 Orange, Providence, R. I.
Astlett, H. A., & Co., crude rubber imps., 113 Pearl, New York.
Astley, T. M., masons' & bldrs.' matls., Grand Ledge, Mich.
Astoria Boat Wks., & Marine Equipment Co., Inc., Astoria, L. I., N. Y.
Astoria Box Co., lumber, Astoria, Ore.
Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.
Astoria Mach. Wks., 54 Fulton av, Astoria, Long Island, N. Y.
Astoria Mahogany Co., Inc., 347 Madison av, New York.
Astoria Marine Iron Wks., marine boilers & engines, dry docks & farm tractors, Astoria, Ore.
Astoria & Puget Sound Canning Co., South Bellingham, Wash.
Astoria Silk Wks., plushes, 727 Steinway av, Long Island City, N. Y.
Astoria Timber & Lumber Co., Astoria, Ore.
Astoria Veneer Mills & Dock Co., ft. Blackwell, Long Island City, N. Y.
Astoria Wire Co., rubber covered wire, ft. of Court, Long Island City, N. Y.
At Last Washer Co., washing machs., Perry, Ia.

Ataglance Thermometer Co., St. Louis, Mo.
Atchison Optical Co., Atchison, Kan.
Atchinson Revolving Door Co., sash door & blind mfrs., Independence, Kans.
Atchison Saddlery Co., Atchison, Kan.
Atchley, P. S., flour mills, Ebenezer, Tenn.
Atee, W. L., architect, Arkansas City, Kansas.
Aten, Hy. F., machsts. & fndrs., Hope, N. J.
Aten Sewage Disposal Co., 286 5th av, New York.
Aten, Volda B., masons' & bldrs.' matls., Ashtabula, Ohio.
Aterite Co., non-corrosive plumbers' supplies, N. E. Cor. John & William, New York.
Atha Tool Co., mechanics' tools, ft. of Chapel, Newark, N. J.
Athenia Steel Co., 135 William, New York.
Athens Brick Co., Athens, Ohio.
Athens Brick & Tile Co., Athens, Tex.
Athens Brick & Tile Co., Athens, Wis.
Athens Foundry Co., Athens, Ohio.
Athens Foundry & Machine Works,, Athens, Ga.
Athens Furn. Co., Dept. H, Athens, Pa.
Athens Glass Co., Morgantown, W. Va.
Athens Hardware Co., Athens, Ga.
Athens Lumber Co., Athens, Ohio.
Athens Lumber Co., Morgantown, W. Va.
Athens Mach. Shop Co., Athens, N. Y.
Athens Mattress & Spring Bed Co., Athens, Ga.
Athens Roller Mills, flour mills, Athens, Tenn.
Athens Stove Co., mfrs., Athens, Ohio.
Atherton, Fred L., Mach. Co., textile machy. supplies, etc. (warpers), Paterson, N. J.
Atherton, G. W., masons' & bldrs.' matls., Livermore, Ky.
Atherton, Jesse, machy. dlr., 24 Calender, Providence, R. I.
Atherton, M., Sons, lbr., Anderson, Ind.
Atherton, Thos. H., Jr., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.
Atherton, Walter, architect, 15 Exchange, Boston, Mass.
Athey Co., mfrs. weather strips, 124 W. 24th, Chicago, Ill.
Athey Sanitary Equipment Co., 1907 Michigan av, Chicago, Ill.
Athol Comb Co., Athol, Mass.
Athol Machine & Foundry Co., vises, machy & fine tools, etc., Athol, Mass.
Athol Mfg. Co., blankets, cushions, leather, rubber sheeting, Athol, Mass.
Athol Pump Co., Athol, Mass.
Atkin, C. B., Co., sash, door & blind, Knoxville, Tenn.
Atkin, Wm. T., Jr., brick, Deerfield, Mich.
Atkins, Alfred, contractor, 1345 Montezuma, Pittsburgh, Pa.
Atkins Bros., hubs, spokes, etc., Attoway, Va.
Atkins, Chas. G., engrs., Monadnock bldg, Chicago, Ill.
Atkins & Co., toys, games, etc., 435 Market, Philadelphia, Pa.
Atkins & Durbrow, peat moss, hoof packing, 157 Water, New York.
Atkins, E. C., & Co., saws, tools & machinery, Indianapolis, Ind.
Atkins, Ed., contractor, 249 S. 24th, Philadelphia, Pa.
Atkins, H. C. Mfg. Co., pipe nipples & coupling, 745 S. 3rd, St. Louis, Mo.
Atkins, Kroll & Co., brick, 260 California, San Francisco, Cal.
Atkins Lbr. Co., Inc., Atkins, Va.
Atkins & Pearce Mfg. Co., cordage mfrs., 5th & Eggleston av, Cincinnati, Ohio.
Atkins, W. C., Machine Co., special machy, 1 Gleason Pl, Rochester, N. Y.
Atkinson, A. S. J., architect, 3801 Macomb, N. W., Washington, D. C.
Atkinson Box & Lumber Co., packing box mfrs., Hawley, Pa.
Atkinson, C. H., Paving Co., contrs., Watertown, S. D.
Atkinson Co., plumbers' brass goods, etc., 575 Lyell av, Rochester, N. Y.
Atkinson, Edw. G., architect, 434 State, Schenectady, N. Y.
Atkinson, Hugh., contractor, Carbondale, Pa.
Atkinson, J. F., contractor, 610 S. B'way, Los Angeles, Cal.
Atkinson, J. W., contractor, Richmond, Va.
Atkinson Mill Co., lbr., Atkinson, Ga.
Atkinson-Morse Destructor Co., 71 8th av, New York.
Atkinson, Oloff, brick, Rock Island, Ill.
Atkinson, P. W., canned goods, Berkeley Springs, W. Va.
Atkinson, R. Bruce, architect, 818 Conn. av, N. W., Washington, D. C.
Atkinson, W. E., contrs., Norfolk, Va.
Atkinson, W. H., architect, Mt. Vernon, Ill.
Atkinson, W. H., Co., steel structural wk., Hoboken, N. J.
Atkinson-Williams Hardware Co., Fort Smith, Ark.
Atkinson & Olston, architect, Tulsa, Okla.
Atlanta Brush Co., Atlanta, Ga. *See adv index at end of book.*
Atlanta Canning Co., Atlanta, Ind.
Atlanta Canning Co., Atlanta, N. Y.
Atlanta Casket Co., Atlanta, Ga.
Atlanta Cotton Oil Co., cottonseed meal, Atlanta, Ga.
Atlanta Envelope Co., Atlanta, Ga.
Atlanta Machy. Exchange, Atlanta, Ga.
Atlanta Marble & Granite Works, Atlanta, Ga.
Atlanta Milling Co., flour, Atlanta, Ga.
Atlanta Paper Co., Atlanta, Ga.
Atlanta Plow Co., Atlanta, Ga.
Atlanta Rubber Stamps & Stencil Wks., Atlanta, Ga.
Atlanta Show Case Co., Atlanta, Ga.
Atlanta Steam Heating Co., Atlanta, Ga.
Atlanta Stove Works, Atlanta, Ga.
Atlanta Table Co., desks, Atlanta, Ga.
Atlanta Tent & Awning Co., Atlanta, Ga.
Atlanta Terra Cotta Co., Atlanta, Ga.
Atlanta Textile Machy. Co., Anstell Bldg., Atlanta, Ga.
Atlanta Tile & Brick Co., Atlanta, Ohio.
Atlanta Utility Wks., machsts. & fndrs., East Point & Atlanta, Ga.
Atlanta Variety Works, cloth mops, Atlanta, Ga.
Atlanta Woodenware Co., wood handles, Atlanta, Ga.
Atlantic Asbestos Co., yarns & cloth, 132 N. 2nd, Philadelphia, Pa.
Atlantic Bag Co., second-hand bags, 243 Water, New York.
Atlantic Basin Iron Wks., machsts., 168 Van Brnt, Brooklyn, N. Y.
Atlantic Bithulithic Co., Richmond, Va.
Atlantic Boat Co., launch & yacht motor boat bldrs., Amesbury, Mass.
Atlantic Bottle Co., 90 W. B'way, New York.
Atlantic Box & Lbr. Co., 814 E. 5th, New York.
Atlantic Brick Mfg. Co., May's Landing, N. J.
Atlantic Brick Mfg. Co., 1218 Chestnut, Philadelphia, Pa.
Atlantic Can Co., 2126 Boston, Baltimore, Md.
Atlantic Canning Co., Atlantic, Ia.
Atlantic Canning Co., Eastport, Me.
Atlantic Canning Co., Rehoboth Beach, Del.
Atlantic Chain Corp., 73 Marion, Long Island City, N. Y.
Atlantic Chemical Co., fertilizer mfrs., Columbia, S. C., and Macon, Ga.
Atlantic City Plumbing Supply Co., Atlantic City, N. J.
Atlantic Coast Co., Inc., ship bldrs., Thomaston, Me.
Atlantic Coast Hardware Co., 169 A, Boston, Mass.
Atlantic Coast Lbr. Corp., 1700 B'way, New York.
Atlantic Coast Sand Co., 24 Stone, New York.
Atlantic Coffin & Casket Co., Rosehill, N. C.
Atlantic Communication Co., wireless tel. instruments, 241 Lafayette, New York.
Atlantic Co., sash chains, 470 17th, Brooklyn, N. Y.
Atlantic Constr. & Supply Co., Atlantic City, N. J.
Atlantic Creosoting & Wood Preserving Wks., Norfolk, Va.
Atlantic Dock Co., 1 N Pier, Atlantic Basin, Brooklyn, N. Y.
Atlantic Drier & Varnish Co., Meadow & Wolf, Philadelphia, Pa., and 3909 Sheridan, Chicago, Ill.
Atlantic Dyestuffs Co., colors, dyes & dyestuffs, Ames Bldg., Boston, Mass.
Atlantic Electric Vehicle Co., 893 Freylinghuysen av, Newark, N. J.
Atlantic Engine Co., emery grinders, Meadville, Pa.
Atlantic Excelsior Mfg. Co., Inc., 507 W. 30th, New York.
Atlantic Filter Co., Marine Nat. Bank Bldg., Buffalo, N. Y.
Atlantic Foundry Co., Akron, Ohio.
Atlantic Foundry Co., Morgan av & Groton, Cleveland, Ohio.
Atlantic Gulf & Pacific Co., contractors, Park Row Bldg., New York, and Houston, Tex.
Atlantic Importing Co., soldering flux, Providence, R. I.
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Atlantic Iron Wks., machsts., 441 11th av, Brooklyn, N. Y.
Atlantic Iron Wks., machsts. & fndrs., Norfolk, Va.
Atlantic Isinglass Co., Boston, Mass.
Atlantic Jute Mills, bagging sugar cloth mfrs., Norfolk, Va.
Atlantic Knitting Mills, sweaters, 1270 B'way, New York.
Atlantic Leather Co., Av A, Newark, N. J.
Atlantic Lumber Co., 70 Kilby, Boston, Mass.
Atlantic Machine Screw Co., 48 Binford, Boston, Mass.
Atlantic Machine & Mfg. Co., garden cultivators & lawn mowers, 429 W. Prospect av, Cleveland, Ohio.
Atlantic Mfg. Co., mill & facty. supplies, Wilmington, Del.
Atlantic Mfg. Co., screw mach. prod., Bridgeport, Conn.
Atlantic Metal Hose Co., 311 W. 59th, New York.
Atlantic Mills, woolen flannels, 120 Manton av, Providence, R. I.
Atlantic Paint Co., Cleveland, Ohio.
Atlantic Paper & Pulp Corp., Savannah, Ga.
Atlantic Radiator Co., Huntingdon, Pa.
Atlantic Refining Co., oil mfrs., 3144 Passyunk av, Phila., Pa.
Atlantic Rice Mills Co., Beaumont, Tex.
Atlantic Rubber Co., rubber mfrs., Boston, Mass.
Atlantic Rubber Co., Linden, Boston, Mass.
Atlantic Screw Wks., Hartford, Conn.
Atlantic Show Case Co., 438 73rd, Brooklyn, N. Y.
Atlantic Smelting & Refining Wks., 57 Richards, Brooklyn, N. Y.
Atlantic Southwestern Broom Co., 2d & Toone, Baltimore, Md.
Atlantic Stamping Co., hollow ware mfrs., 156-180 Ames, Rochester, N. Y.
Atlantic Starch Wks., Westport, Conn.
Atlantic Steel Casting Co., Chester, Pa.
Atlantic Steel Co., Atlanta, Ga.
Atlantic Supply Co., Inc., mill & facty. supplies, Norfolk, Va.
Atlantic Tank & Barrel Corp., Hoboken, N. J.
Atlantic Terra Cotta Co., 1170 B'way, New York.
Atlantic Tile Mfg. Co., ceramic, Matawan, N. J.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Atlantic Turpentine & Pine Tar Co., Savannah, Ga.
Atlantic Type Fdry. Co., 190 Congress, Philadelphia, Pa.
Atlantic Varnish Works, varnish mfrs., Richmond, Va.
Atlantic Wire Co., Branford, Conn.
Atlantic Wire & Iron Wks., 1638 Fulton, Chicago, Ill.
Atlantic Wood Heel Co., 322 Van Buren, Brooklyn, N. Y.
Atlantic Wks., mchsts. & fdrs., 80 Border, E. Boston, Mass.
Atlas Auto Supply Co., metal polish, 656 W. Austin av, Chicago, Ill.
Atlas Ball Co., limit gauges, brass & steel balls, 4th & Glenwood av, Philadelphia, Pa.
Atlas Bolt & Screw Co., 1130 Ivanhoe rd, Cleveland, O. *See adv. index at end of book.*
Atlas Brass Fdry., 155 A, S, B, Boston, Mass.
Atlas Brass Foundry Co., The, castings, circulating pumps, etc., Columbus, Ohio. *See adv index at end of book.*
Atlas Brass Mfg. Co., mchsts. & fdrs., 332 Lakeside av, N. W., Cleveland, Ohio.
Atlas Brass Works, 612 Bryant, San Francisco, Cal.
Atlas Brick Co., El Paso, Tex.
Atlas Building Co., 219 W. 7th, Los Angeles, Cal.
Atlas Building Material Co., Newburgh, N. Y.
Atlas Button Wks., 22 W. 22d, New York.
Atlas Car & Mfg. Co., cars & electric locomotives, Cleveland, O. *See adv. index at end of book.*
Atlas Cereal Co., 1200 W. 8th, Kansas City, Mo.
Atlas Chemical Co., sulphuret of antimony, Waltham, Mass.
Atlas Coal & Supply Co., masons' & bldrs. matls., Binghamton, N. Y.
Atlas Color Works, Inc., aniline colors, dyes & dyestuffs, 322 9th, Brooklyn, N. Y.
Atlas Co., roofing cements, asbestos, & compounds, Lincoln, N. J.
Atlas Constr. Co., Youngstown, Ohio.
Atlas Copper & Brass Mfg. Co., 2734 High, Chicago, Ill. *See adv index at end of book.*
Atlas Crucible Steel Co., Dunkirk, N. Y.
Atlas Drop Forge Co., Lansing, Mich.
Atlas Dryer Co., Citizens Bldg., Cleveland, Ohio.
Atlas Educational Film Co., 63 E. Adams, Chicago, Ill.
Atlas Electric Devices Co., 128 S. Clinton, Chicago, Ill.
Atlas Engng. Co., concrete mixers & traction wagon loaders, 3009 Lisbon av, Milwaukee, Wis.
Atlas Engng. Co., mill picks, rivets, snaps, tool holder bits, countersinks, steel hardening, high speed steel & tools, Lincoln, N. Y.
Atlas Elec. Storage Battery Co., Greenville, Mich.
Atlas Forgings Co., 2515 S. Artesian av, Chicago, Ill.
Atlas Foundry Co., 234 Artillery av, Detroit, Mich.

Atlas Foundry Co., Marion, Ind.
Atlas Fdry. Co., Irvington, N. J.
Atlas Foundry & Machine Co., Tacoma, Wash.
Atlas Furniture Co., Jamestown, N. Y.
Atlas Heating & Ventilating Co., 72 Freelon, San Francisco, Cal.
Atlas Imperial Engine Co., Oakland, Cal.
Atlas Laboratory Equipment Bureau, chemical apparatus, 731 N. Wells, Chicago, Ill.
Atlas Laundry Machy. Co., see Am. Laundry Machy. Co. (successor).
Atlas Lumber Co., Atlas Bldg., Seattle, Wash.
Atlas Mach. Co., 7 Eddy, Providence, R. I.
Atlas Mach. Co., power presses, wire-forming & rivet machinery, Waterbury, Conn.
Atlas Mfg. Co., auto crankshafts, etc., Fostoria, Ohio.
Atlas Mfg. Co., boiler flue cleaners, 154 1st, San Francisco, Cal.
Atlas Mfg. Co., cotton sheetings, Bessemer City, N. C.
Atlas Mfg. Co., hdware. mfrs., New Haven, Conn.
Atlas Mfg. Co., saw guards & window frame machy., Orlando, Fla.
Atlas Metal Parts Co., sheet metal stampings, 998 15th, Milwaukee, Wis.
Atlas Metal Wks., Dallas, Tex.
Atlas Mineral Products Co., slate flour, soapstone, talc, etc., Dept. H, Amertztown, N. J.
Atlas Oil Co., Rose Bldg., Cleveland, Ohio.
Atlas Paint Co., 101 Park av, New York.
Atlas Paint Co., Sharpsburg, Pa.
Atlas Paper Co., Indianapolis, Ind.
Atlas Portland Cement Co., 134 N. La Salle, Chicago, Ill.
Atlas Portland Cement Co., 30 Broad, New York.
Atlas Powder Co., dymamite, powder & explosives mfrs., Wilmington, Del.
Atlas Press Co., arbor presses, 323 N. Park, Kalamazoo, Mich.
Atlas Radiator Pedestal Co., 102 Williams, Norwich, Conn.
Atlas R. R. Supply Co., 431 S. Dearborn, Chicago, Ill.
Atlas Roofing Co., cornices, Newburgh, N. Y.
Atlas Rubber & Belting Co., mill & facty. supplies, 321 Walnut, Cincinnati, O.
Atlas School Supply Co., composition blackboards, 531 S. Peoria, Chicago, Ill.
Atlas Selling Agency, fuse plugs, 450 4th av, New York.
Atlas Shear Co., Bridgeport, Conn.
Atlas Shingle Co., Atlas, Idaho.
Atlas Soda Fountain Co., 119 S. Jefferson, Chicago, Ill.
Atlas Specialty Mfg. Co., inner tube bags, 18 E. 24th, Chicago, Ill.
Atlas Steel Casting Co., Buffalo, N. Y.
Atlas Steel Column Mfg. Co., 212 N. 10th, Brooklyn, N. Y.
Atlas Supply Co., cement & paste mfrs., 108 Ring, Phila., Pa.
Atlas Supply Co., mill & facty. & plumbers' supplies, Muskogee, Okla.
Atlas Tack Co., nails, rivets & tacks, Fairhaven, Mass.
Atlas Tie Co., railroad ties, Cœur D'Alene & Atlas, Idaho.
Atlas Tool Works, molds for electrical insulation work, special machinery, etc., 488 John, Bridgeport, Conn.
See adv index at end of book.
Atlas Wall Plaster Co., Louisville, Ky.
Atlas Wash Tray Co., cement wash tray mfrs., New Haven, Conn.
Atlas Welding Works, Rahway, N. J.
Atlastic Paint Mfg. Co., 1007 Marquette av, Minneapolis, Minn.
Atlee, S. & J. C., lumber mfrs., Fort Madison, Iowa.
Atmospheric Conditioning Corp., Dept. H, 5th & Chestnut, Phila., Pa.
Atsatt Bros., coffee & peanut roasters, Mattapoisett, Mass.
Attalla Foundry & Mach. Co., Attalla, Ala.
Atteaux, F. E., & Co., chemicals, 174 Purchase, Boston, Mass.
Atterbury Bros., casein, 145 Nassau, New York.
Atterbury Grosvenor, architect, 139 E. 53rd, New York.
Atterbury Motor Car Co., Buffalo, N. Y.
Atterbury & McKelvey, Inc., wood pulp, 145 Nassau, New York.
Attica Lbr. Co., Attica, Ind.
Attley, J. M., Co., lbr., 11 S. La Salle, Chicago, Ill.
Attracto Co., advtg. spec., Tretz bldg., Philadelphia, Pa.
Attwell Cornice Co., Ft. Worth, Tex.
Attwood Brass Wks., machsts., Grand Rapids, Mich.
Attwood & Trysell, architects, Temple bldg, Detroit, Mich.
Atwater, D., & Son, masons' & bldrs. matls., Massillon, Ohio.
Atwater & Dow, common brick, South Amherst, Mass.
Atwater, E. C., & Co., cornices, Springfield, Mass.
Atwater-Kent Mfg. Works, gas igniters, 4937 Stenton av, Philadelphia, Pa.
Atwater Mfg. Co., bolt, nut & rivet, Plantsville, Conn.
Atwater Mfg. Co., forgings, Southington, Conn.
Atwater, S. I., advtg. nov., 101 Lafayette, New York.
Atwater, W. H., & Sons, lumber mfrs., Garfield, N. Y.
Atwood Anthony, masons' & bldrs. matls., Plymouth, Mass.
Atwood, C. W., masons' & bldrs. matls., Watertown, Conn.
Atwood, Crawford Co., textile machy., Pawtucket, R. I.
Atwood Davis Sand Co., 112 W. Adams, Chicago, Ill.
Atwood, F. H., Lumber Co., Cairo, Ill.
Atwood, Frank W., aniline colors, Boston, Mass.
Atwood, Harrison H., architects, Dorchester, Boston, Mass.
Atwood-Jones Mfg. Co., machinists, Stillwater, Minn.
Atwood, L. O., lbr., Rock, Mass.
Atwood & McManus Box Co., Chelsea, Mass.
Atwood Machine Co., Stonington, Conn.
Atwood & Morrill, regulators, valves, etc., 48 Loring av, Salem, Mass.
Atwood River Canning Co., Valona, Ga.
Atwood-Robbins Lumber Co., masons' & bldrs. matl., Plymouth, Mass.
Atwood Vacuum Cleaner Co., Rockford, Ill.
Atyeo Bros., masons' & bldrs. matls., Sullivan, Ohio.
Aubeuf, Frank J., Inc., hand carts, Oneida, N. Y.
Aubel, F. & E., iron, 2505 Germtn., Philadelphia, Pa.
Aubertin, Jos. F., tex. machy., roll coverers, New Bedford, Mass.
Aubin, Wilfrid, contractor, Woonsocket, R. I.
Aubrey, C. H., flour mills, Stithton, Ky.
Auburn Automobile Co., Auburn, Ind.
Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
Auburn Brick Tile & Cement Co., Auburn, Ill.
Auburn Brick & Tile Co., Auburn, Ia.
Auburn Brush Co., cloth mops, etc., Auburn, Me.
Auburn Button Works, Auburn, N. Y.
Auburn Canning Co., Auburn, Neb.
Auburn Fndry., Auburn, Ind.
Auburn Handle Co., Auburn, Ind.
Auburn Hardware Co., Auburn, Ind.
Auburn Ignition Mfg. Co., Auburn, N. Y.
Auburn Leather Goods Co., packings, etc., Auburn, N. Y.
Auburn Lumber Co., Auburn, Ind.
Auburn Mach. & Auto. Garage, Auburn, Ind.
Auburn Mfg. Co., bodies & seats, wood (auto., carriages, etc.), Auburn, Ind.
Auburn Mills, flour, Auburn, Ky.
Auburn Post Card Mfg. Co., Auburn, Ind.
Auburn Shale Brick Co., Auburn, Pa.
Auburn Wagon Co., delivery, Martinsburg, W. Va.
Auburndale Hardware Co., Toledo, Ohio.
Auchey's, Abraham G. & Sons, machsts. & fndrs., Codorus, Pa.
Aucutt Bros., masons' & bldrs. matls., Aurora, Ill.
Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.
Audubon Canning Co., Audubon, Ia.
Audiffren Refrigerating Mach. Co., 90H West, New York.
Audubon Wire Coth Co., Audubon, N. J.
Aue Ferdinand Co., machsts., 401 E. 91st, New York.
Auer, C. A., leather, Corry, Pa.
Auer, F. E., cornices, 2528 Dodier, St. Louis, Mo.
Auer, John B., machsts., Trenton, N. J.
Auer, John, Jr., heavy hdwe., bolts, hinges, hooks, etc., 197 Middleton, Brooklyn, N. Y.
Auer Register Co., 403 Long av, N. W., Cleveland, Ohio.
Aufderheide, Fred, brick, New Ulm, Minn.
Aufrichtig, Alois, Copper & Iron Wks., 900 S. 3rd, St. Louis, Mo.
Aughenbaugh, B. A., carriages, Urbana, Ohio.
Aughinbaugh Canning Co., Fort av & Lawrence, Baltimore, Md.
Auginbaugh, H. C., masons' & bldrs.' matls., Wellsville, Ohio.
Auglaize Box Board Co., Saint Marys, Ohio.
Auglaize Cooperage & Lbr. Co., Minster, Ohio.
Auglaize Motor Car Co., New Bremen, Ohio.
Augmore Mfg. Co., see Sands Mfg. Co. (successor).
Augne Plow Co., Dayton, Ohio.
Augstein, S., & Co., gloves, sweaters, etc., 352 4th av, New York.
Augur, Chas. E., Co., contractors, 549 Elm, New Haven, Conn.
Augusta Bedding Co., hair mattresses, Augusta, Ga.
Augusta Broom Works, Augusta, Ga.
Augusta Factory, cotton duck & canvas, Augusta, Ga.
Augusta Hardware Co., Augusta, Ga.
Augusta Lbr. Co., Augusta, Me.
Augusta Milling Co., flour, Augusta, W. Va.
Augusta Milling & Mercantile Co., flour, Mossy Creek, Va.
Augusta Mutual Telephone Co., Augusta, Ill.
Augusta Stove Fdry., Augusta, Ky.
Augusta Trunk Factory, Augusta, Ga.
Augusta Veneer Co., Augusta, Ga.
Augusta Vitrified Shale Brick Co., Augusta, Ga.
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Augustine, Charles, architect, Kenosha, Wis.
Augustine, T. C., boilers, St. Joseph, Mo.
Auld Co., pressure reducing valves, Thompson & 12th, Phila., Pa.
Auld & Conger Co., ldry tubs, slate mantels, roofing slate, etc., 942 Prospect, Cleveland, Ohio.
Auld, Hampton, printing inks, 106 Verona av, Newark, N. J.
Auld, McQueen, architect, H, Candler bldg, Atlanta, Ga.
Aulds, J. F., Sons, carriages, Elberton, Ga.
Auler, Henry, architect, Oshkosh, Wis.
Auletta Constr. Co., 103 Park av, New York.
Aull Bros. Co., oyster & ice cream pails, paper pails, Dayton, O.
Aulsbrook & Jones Furn Co., Dept. H, Sturgis, Mich.
Aulson, J. W., & Son, tanning machy., Waukegan, Ill.
Ault & Wiborg Co., printing inks, etc., Cincinnati, Ohio.
Ault Wooden Ware Co., Cincinnati, Ohio.
Aultman & Locke, advtg. signs, 488 Jefferson av, Milwaukee, Wis.
Aultman, T. G., Steam Pump Wks., machsts. & fndrs., Fairmont, W. Va.
Aultman & Taylor Machinery Co., agricultural implements, Mansfield, Ohio.
Aumen Machy. Co., dir., 109 E. Lombard, Baltimore, Md.
Aumond Stump Machine Co., stump pullers, Cedar Springs, Mich.
Aurentz, Raymond J., architect, 1206 Hugh, Fort Wayne, Ind.
Aurora Brick Wks., Aurora, Ill.
Aurora Coffin Co., Aurora, Ind.
Aurora Cornice Wks., Aurora, Ill.
Aurora Cotton Mills, flannels, Burlington, N. C.
Aurora Cotton Mills Co., sheetings, Aurora, Ill.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Aurora Fdry. Co., Aurora, Ill.
Aurora Mantle & Lamp Co., Aurora, Ill.
Aurora Metal Co., machsts. & fndrs., Aurora, Ill.
Aurora Milling Co., flour, Aurora, Mo.
Aurora Pump & Mfg. Co., Aurora, Ill.
Aurora Steel Products Co., junction boxes, Aurora, Ill.
Aurora Steel Tank Co., see Steel Tank & Products Corp. (successor).
Aurora Tool Wks., Aurora, Ind.
Ausable-Essex Horse Nail Co., Keeseville, N. Y.
Ausfeld, Fred'k, architect, Bell Bldg., Montgomery, Ala.
Ausmus, W. Mc., Co., flour mills, La Follette, Tenn.
Austed Co., water cooling radiators, 600 W. 57th, New York.
Austell Swing & Ladder Co., Austell, Ga.
Austin, A. H., contractor, Webster City, Ia.
Austin Adding Machine Co., Baltimore, Md.
Austin Automobile Co., Grand Rapids, Mich.
Austin Bros., contractors, Atlanta, Ga.
Austin Bros., steel structural wk., Dallas, Tex.
Austin Bros., masons' & bldrs.' matls. & whol. hwde., Stockton, Cal.
Austin Cambridge Co., ammunition, Cleveland, Ohio.
Austin Canning Co., Austin, Ind.
Austin Co., contrs. & steel structural work, 16112 Euclid av, Cleveland, Ohio.
Austin Const. Co., Matthews Bldg., Milwaukee, Wis.
Austin Dog Bread & Animal Food Co., Chelsea, Mass.
Austin & Doten, wholesale hardware, 102 North, Boston, Mass.
Austin & Eddy, bldrs. hdwe. & machy., 117 Broad, Boston, Mass.
Austin, Ennis, architects, J. M. S. Bldg., South Bend, Ind.
Austin, F. A., Pattern Co., Syracuse, N. Y.
Austin Fdy. Co., Austin, Minn.
Austin, Frank, Co., lbr., Mendon, Mich.
Austin, Frank Lyman, architect, Burlington, Vt.
Austin, Frank W., contractors, Yonkers, N. Y.
Austin, G. W., & Co., soil pipe plugs, etc., 132 High, Boston, Mass.
Austin, Hall, Hdwe. Co., Brownwood, Tex.

Austin, H. N., architect, Jackson, Miss.
Austin Hdwe. Co., Terre Haute, Ind.
Austin, John, & Sons, smelter & refiner, 74 Clifford, Providence, R. I.
Austin Kelly Ink Co., printing inks, 570 Franklin, Detroit, Mich.
Austin, M. B., & Co., conduit bendors & junction boxes, 706 W. Jackson blvd., Chicago, Ill.
Austin, M. E., & Co., mill & facty. supplies, Lawrence, Mass.
Austin Mach. Wks., 1821 N. 5th, Philadelphia, Pa.
Austin Machinery Corporation, contrs. & drainage machy., Railway Exchange bldg, Chicago, Ill.
Austin Machy. Corp., dlrs., Dept. H, Toledo, Ohio.
Austin, Mason & Co., packing mfrs., 15 Park Row, New York.
Austin Mfg. Co., machsts., 910 S. Michigan av, Chicago, Ill.
Austin Mill & Grain Co., flour, Brownwood, Tex.
Austin Oil Mfg. Co., meal, Austin, Tex.
Austin Organ Co., pipe organ mfrs., 158 Woodland, Hartford, Conn.
Austin Powder Co., explosives, 1229 Rockefeller Bldg., Cleveland, Ohio.
Austin, W. D., architect, 50 Bromfield, Boston, Mass.
Austin, W. E., Machy. Co., concrete mixers, carts & diaphragm pumps, Atlanta, Ga.
Austin, W. H., architect, Long Beach, Cal.
Austin-Warren Co., whip mfrs., Westfield, Mass.
Austin Welding Works, special welding, 555 N. Quincy, Chicago, Ill.
Austin-Western Road Machinery Co., 910 S. Michigan, av, Chicago, Ill.
Austin White Lime Co., Austin, Tex.
Austin, Wm. E., architect, 46 W. 24th, New York.
Austin & Smith Co., small springs & hand screw machine products mfrs., 427 Quinnipac av, New Haven, Conn.
See adv index at end of book.
Autauga Oil & Fertilizer Co., Prattville, Ala.
Auth Elec'l Specialty Co., annunciators, Ansonia, Conn.
Auth Elec'l Spec. Co., push buttons, 422 E. 53d, New York.
Auto. Accessories Co., see No-Leak & Piston Ring Co. (successors).
Auto. Aero Sheet Metal Wks., cornices, New Haven, Conn.
Auto Bed Co., Bellingham, Wash.
Auto. Body Co., Lansing, Mich.
Auto. Brass Mfg. Co., 56 Friendship, Providence, R. I.
Auto. Compressor Co., Wilmington, Ohio.
Auto. Crankshaft Co., Jackson, Mich.
Auto Diesel Piston Ring Co., piston ring mfrs., 427 Quinnipac av, New Haven, Conn. *See adv index at end of book.*
Auto. Engine Wks., University & Griggs, St. Paul, Minn.
Auto. Equipment Co., compounds, valve grinding, East Orange, N. J.
Auto. Equipment Co., spark plugs, Detroit, Mich.
Auto-Fedan Hay Press Co., 1603 Wyoming, Kansas City, Mo.
Auto. Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto. Kamp Equipment Co., Saginaw, Mich.
Auto. Lamp & Radiator Co., auto. fenders, 1614 Prospect, Cleveland, Ohio.
Auto. Marine Engine Wks., machsts & fndrs., Tacoma, Wash
Auto. Oil Co., Jackson, Mich.
Auto. Parts Co., oil gauges, 702 Eddy, Providence, R. I.
Auto. Ped Co. of Am., Thompson av. & Orton, L. I. City, N. Y.
Auto. Plating & Mfg. Co., Cleveland, Ohio.
Auto. Pneumatic Action Co., 627 W. 50th, New York.
Auto. Remodeling Co., auto. wood bodies, 1505 S. Michigan av, Chicago, Ill.
Auto Sales Gum & Chocolate Co., see Autosales Corp. (successor).
Auto. Spec. Mfg. Co., Joliet, Ill.
Auto. Specialties Co., auto. wind shields, E. E. Jenkins Arcade, Pittsburgh, Pa.
Auto. Stove Works, New Athens, Ill.
Auto. Strop Safety Razor Co., 345 5th av, New York.
Auto. Supply Co., see Lurie, John, Inc. (successor).
Auto Supply Co., spark plugs, 1335 Mich. av, Chicago, Ill.
Auto Supply Mfg. Co., fire alarms, 220 Taaffe pl, Brooklyn, N. Y.
Auto Tire Exchange, auto accessories & tire vulcanizers, Burlington, N. C.
Auto Tire Vulcanizing Co., Lowell, Mass.
Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.
Auto Vacuum Freezer Co., 25 W. B'way, New York.
Auto Wheel Co., Lansing, Mich.
Auto. Wheel Coaster Co., Inc., formerly Buffalo Sled Co., North Tonawanda, N. Y.
Autocall Co., fire alarms, etc., Shelby, Ohio.
Autocar Co., automobile bldrs., Ardmore, Pa.
Autocoil Co., 136 7th av, Jersey City, N. J.
Autofiller Pen Co., Toledo, Ohio.
Autoforce Ventg. System, 53 Devonshire, Boston, Mass.
Autogenous Welding Equipment Co., see Cane Welding & Mfg. Co. (successor).
Autographic Register Co., machsts., Hoboken, N. J.
Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.
Autoine Lumber Co. (Ltd.), Jonesboro, La.
Automatic Adding Machine Co., adding machines, 148 Duane, New York.
Automatic Appliance Co., annunciators, machy. bells, etc., 172 Columbus av, Boston, Mass.
Automatic Bookkeeping Register Co., S. E. Cor. 18th & Wyandotte, Kansas City, Mo.
Automatic Box Machy. Concern, 270 Congress, Boston, Mass.
Automatic Buffing Mach. Co., lathes, Buffalo, N. Y.
Automatic Button Co., Muscatine, Ia.
Automatic Cable Clamp Co., Donora, Pa.
Automatic Call & Advg. Clock Co., advtg. spec., Portland, Ore.
Automatic Carrier Co., Juneau, Wis.
Automatic Chemical Closet Co., 1417 Wash av, N., Minneapolis, Minn.
Automatic Coin Wrapping Mach. Co., 80 Greenwich, New York.
Automatic Cradle Mfg. Co., Stevens Point, Wis.
Automatic Disinfectant Co., Box 252, Memphis, Tenn.
Automatic Door Catch Co., Harvey, Ill.
Automatic Elec. Co., tele. condensers & apparatus, 1001 W. Van Buren, Chicago, Ill.
Automatic Electric Heater Co., H, Lexington av, Warren, Pa.
Automatic Electric Pump Co., Davenport, Ia.
Automatic Electric Sterilizer Co., Hamilton, O.
Automatic Electric Washer Co., Newton, Ia.
Automatic Electric Welder Co., welding mach. mfrs., 618 W. Jackson blvd, Chicago, Ill.
Automatic Engraving & Mfg. Co., Inc., mchst., 2033 5th av, New York.
Automatic Enunciator Co., hospital signals, 1001 W. Van Buren, Chicago, Ill.
Automatic Faucet & Spigot Co., Saginaw, Mich.
Automatic File & Index Co., filing cabinets & devices, Green Bay, Wis.
Automatic Fire Alarm Co., Bradford, Pa.
Automatic Fire Alarm Co., 416 B'way, New York.
Automatic Furnace Co., 1st & Harshman, Dayton, Ohio.
Automatic Light Co., elec. light plants, Ludington, Mich.
Automatic Lock Cover Corp., 48 E. 12th, New York.
Automatic Machine Co., Bridgeport, Conn.
Automatic Mach. Co., 497 5th, San Francisco, Cal.
Automatic Mach. & Tool Co., 210 N. Ann, Chicago, Ill.
Automatic Metal Products Co., nuts, Springfield, Ohio.
Automatic Packing & Labeling Co., packing machines, 5520 2d av, Brooklyn, N. Y.
Automatic Pencil Sharpener Co., Rockford, Ill.
Automatic Pivot Gate Co., see Guth Gate Co. (successor).
Automatic Products Co., screw machine, 1145 W. Grand Blvd., Detroit, Mich.
Automatic Products Corp., screw mach. products, 203H 8th, Long Island City, N. Y.
Automatic Racking Mach. Co., Ft. 28th, Chicago, Ill.
Automatic Re-closing Circuit Breaker Co., Dept. H, 6th & Wesley, Columbus, Ohio.
Automatic Refrigerating Co., mchsts. & fndrs., Hartford, Conn.
Auto. Registering Mach. Corp., voting machs., Jamestown, N. Y.
Automatic Rotary Pump Co., Bible House, New York.
Automatic Sash Holder Mfg. Co., see Hardware Sales Co. (successors).
Automatic Saw Guide & Mach. Co., Irwin, Pa.
Automatic Screw Machine Products Co., 416 W. Grand av, Chicago, Ill.
Automatic Sealing Vault Co., burial cases, Peru, Ind.
Automatic Sprinkler Co., automatic sprinkler mfrs., 123 William, New York.
Automatic Stamping & Machine Co., mchsts. & fdrs., 7803 Madison, Cleveland, Ohio.
Automatic Steam Trap & Spec. Co., 316 Harper av, Detroit, Mich., & 2707 Vestry av, Cleveland, Ohio.
Automatic Switch Co., 4 White, New York.
Automatic Target Mach. Co., 203 Fulton, New York.
Automatic Tile Mach. Co., Cincinnati, Ohio.
AUTOMATIC TIME STAMP CO., automatic time recording & computing machines for all divisions of time & for all purposes, 164 Congress, Boston, Mass.
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.
Automatic Vacuum Pump Co., vacuum htg., 1901 S. Western av, Chicago, Ill.
Automatic Vent. Co., 2 Rector, New York.
Automatic Weighing Mach. Co., 138 Commerce, Newark, N. J.
Automatic Wire Goods Mfg. Co., 13-15 Canal Place, New York.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York.
Automobile Blue Book Publishing Co., The, trade publication, 243 W. 39th, New York.
Automobile Const. & Engng. Co., piston rings, 3325 Chestnut, Philadelphia, Pa.
Automobile Dealer & Repairer Co., 71 Murray, New York.
Automobile Journal Publishing Co., Pawtucket, R. I.
Automobile Mfg. & Eng. Co., Fort Wayne, Ind.
Automatic Parts Co., radiator cooling fans, 1509 Bates, Indianapolis, Ind.
Automobile Screw Products Co., E. 152nd & N. P. R. R., Cleveland, O.
Automobile Supply Mfg. Co., fire alarms, 80 B'way, Brooklyn, N. Y.
Automobile Topics, trade publication, 1790 B'way, New York.
Automobile Trade Journal, Market & 49th, Phila., Pa.
Automotive Industries, trade journal, 239 W. 39th, New York.
Automotive Mfr., trade publications, 55 Duane, New York.
Automotive Piston Ring Co., 4510H Manchester av, St. Louis, Mo.
Autoparts Mfg. Co., Trombly & Orleans, Detroit, Mich.
Autophone Co., mechl. organs, Ithaca, N. Y.
Autopiano Co., 653 W. 51st, New York.
Autopress Co., printing presses & machy., 95 Madison av, New York.
Autosales Corp., 96 Spring, New York.
Autoscrew Co., screw machine products, 356 W. Broadway, New York. *See adv index at end of book.*
Autotone Player Piano Co., 542 W. 52d, New York.
Autoyre Co., wire goods & metal novelties, Oakville, Conn.
Autrey, D. A. & Son, lumber, Autreyville, Ga.
Auxer, A. J., contractor, Lancaster, Pa.
Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.
Available Truck Co., 1539 N. Kilpatrick, Chicago, Ill.
Avalon Knitwear Co., sweaters, etc., Utica, N. Y.
Averbeck, M. J., silver novelties, 10 maiden la, New York.
Averill, F. L., engineer, Library of Congress, Washington, D. C.
Averill Paint Co., 240 Plymouth, Brooklyn, N. Y.
Avery, A. M., wholesale hardware, mill & factory supplies, Pensacola, Fla.
Avery, B. F. & Sons, agricultural implements, Louisville, Ky.
Avery Chemical Co., 88 Broad, Boston, Mass.
Avery Co., mill & facty. supplies, Atlanta, Ga., and Portland, Ore.
Avery & Co., motor, farming, threshing & road bldg. machy., motor trucks, Peoria, Ill.
Avery Drilling Machine Co., Cincinnati, O.
Avery, Frank F., mattresses, Framingham, Mass.
Avery, Geo. F., contrs., Oneida, N. Y.
Avery Lester, Clearwater, Fla.
Avery, M. E., Co., mill & facty. supplies, Watertown, N. Y.
Avery, Philip S., architect, 95 Milk, Boston, Mass.
Avery Rock Salt Mining Co., Scranton, Pa.
Avery & Saul, sheet metal dealers, 207 Dorchester av, Boston, Mass.
Avery, Walter B., contractor, 632 G., NW., Washington, D. C.
Avery, Wm., contr., Waldron, Ind.
Avery's, F. P., Sons, mchsts. & fndrs., Tukhannock, Pa.
Avis, A. B., see Avis Hardware Co. (successors).

Avis Hardware Co., fly traps, Pomona, Cal.
Avis Milling Co., buckwheat flour, Waldron, Mich.
Avis, S. R. & Sons, gun barrels, 198 Brown, New Haven, Conn.
Aviston Condensed Milk Co., Aviston, Ill.
Avlor Bros., flour mills, Culpeper, Va.
Avoca Mfg. Co., bobbins, spools, wire reels, Avoca, N. Y.
Avoca Wheel Co., Avoca, N. Y.
Avon Milling & Mfg. Co., flour, Avon, Ill.
Avon Mills, cotton sheeting, Gastonia, N. C.
Avon Mills Co., cotton damasks & towels, Lewiston, Me.
Avondale Mills, sheetings, Birmingham, Ala.
Avondale Sash & Door Co., 3515 Belmont av, Chicago, Ill.
Avondale Stove & Fdry. Co., Birmingham, Ala.
A. & W. Electric Sign Co., W. 3rd & Prospect av, Cleveland, O.
Axelson Machine Co., Boyle av & Huntington Park, Los Angeles, Cal.
Axtell Co., mill & facty. supplies, Fort Worth, Tex.
Axtell, Lewis D., elec. contr., Springdale, Conn.
Axtheim Mfg. Co., blind fasteners, 242 3d av, Pittsburgh, Pa.
Axtheim, August W., cornices, 1604 Tower Grove av, St. Louis, Mo.
Axwell Equipment Co., spark plugs, 208 Wood, Pittsburgh, Pa.
Ayars, Chas. A., architect, 2419 Lincoln av, Evanston, Ill.
Ayars, Clinton B., Canning Co., Bridgeton, N. J.
Ayars Mach. Co., Salem, N. J.
Ayer, Fred. H., Mfg. Co., machsts., Chicago Heights, Ill.
Ayer, N. W., & Son (advertising counsellors), 308 Chestnut, Philadelphia, Pa.
Ayer & Lord Tie Co., creosoting wks., ties, poles & posts, etc., 80 E. Jackson blvd, Chicago, Ill.
Ayer-McCarel, Reagan Clay Co., Brazil, Ind.
Ayers, C. E., mach. & fdr., Rockford, Ia.
Ayers-Cihlar-Ransom Co., bank fixtures, 726 S. Desplaines, Chicago, Ill.
Ayers, J. R., agricultural implements, Petersburg, Va.
Ayers, Jno. W. & Son, machsts., 88 Walker, New York.
Ayers Mineral Co., sand-clay, Zanesville, Ohio.
Ayers-Witmer Lumber Co., mfrs. interior hardwood wk., Niagara Falls, N. Y.
Ayes & Co., machsts, 1812 Ellen, Chicago, Ill.
Aykroyd Iron Works, Inc., structural steel & ornamental iron work, 564 W. Boyleston, Worcester, Mass.
Ayling & Reichert Co., copper floats, Toledo, Ohio.
Aylward Sons Co., mchsts. & fdrs., Neenah, Wis.
Aylward, R. C., cornices, Peoria, Ill.
Ayrdale Coal Co., 601 Trac. Term., Indianapolis, Ind.
Ayres, Altee B., architect, Bedell Bldg., San Antonio, Tex.
Ayres, Bridges & Co., cotton waste, bristles, wax, oils, etc., 200 Summer, Boston, Mass.
Ayres, C. M., architect, Tuscaloosa, Ala.
Ayres, J. F., fertilizer mfrs., Alloway, N. J.
Ayres, John T., carriages, Elmira, N. Y.
Ayres, Louis, architect, 50 E. 41st, New York.
Ayres, Wm. & Sons, carriage robes, 3d & Cumberland, Phila., Pa.
Aywon Toy & Novelty Corp., 494 B'way, New York.
Azadian Gauge Mfg. Co., Eastwood, N. Y.
B. L. P. Sales Co., sash locks, Charlestown, Mass.
B. & H. Fibre Mfg. Co. See Hall Mfg. Co. (successors).
Baab Bros., brick, Dover, Ohio.
Baab, Frank, wholesale hardware, Wilkes-Barre, Pa.
Baack, Fred W., architect, 11 Miller bldg, Cincinnati, Ohio.
Baars, H., & Co., lumber, Pensacola, Fla.
Babb, C. H., & Co., steam fitters' supplies, Bangor, Me.
Babb Mill Co., flour mills, Afton, Tenn.
Babbitt, B. B., contractor, 4 Hamilton pk, New Brighton, N. Y.
Babbitt, B. T., Inc., soap, metal polish, glycerine, etc., 15 W. 34th, New York.
Babbitt Bros., tex. machy. supplies (loom crank shafts), Fairhaven, Mass.
Babbitt, Chas. E., machsts. & fndrs., Portland, Me.
Babbitt, Edw. F., architect, Hayden bldg, Columbus, Ohio.
Babbitt, James P., taxidermists' supplies, Taunton, Mass.
Babbitt, L. L., wire, Clayville, N. Y.
Babbitt Steam Specialty Co., adjustable sprocket rim mfrs., New Bedford, Mass.
Babcock, Alex. L., contractor, Freeport, Ill.
Babcock Bros. Lumber Co., Frick Bldg., Pittsburgh, Pa.
Babcock, C. & Co., contractors, 36 Beverly, Boston, Mass.
Babcock Coal & Coke Co., Pittsburgh, Pa.
Babcock, Davis Corp., iron & steel work, 474 Dorchester av, Boston, Mass.
Babcock, Hinds & Underwood, hardware merch., 174 Washington, Binghamton, N. Y.
Babcock, H. H., Co., auto bldrs. & motor trucks, Watertown, N. Y.
Babcock, Jno., & Co., size & varnishes, Allston, Boston, Mass.
Babcock, John D. (Est. of), 401 S. Clinton, Syracuse, N. Y.
Babcock, L. H., architect, Bartlesville, Okla.
Babcock Lumber Co., Sedalia, Mo., and Frick Bldg., Pittsb'gh, Pa.
Babcock Lumber & Land Co., Maryville, Tenn.
Babcock Mfg. Co., agricultural implements, Leonardsville, N. Y.
Babcock, Milton, architect, Milton, Mass.
Babcock Printing Press Mfg. Co., New London, Conn.
Babcock Varnish Co., 144 High, Boston, Mass.
Babcock, W. W., Co., churns, ladders, Bath, N. Y.
Babcock & Wilcox, stone producers, Kasota, Minn.
Babcock & Wilcox Co., mechanical stokers, boilers, etc., 85 Liberty, New York
Babe, Jas., contractor, Chester, Pa.
Babin, A., architect, Beaumont, Tex.
Babois Lumber Co., Bonifay, Fla.
Babuê, F. X., & Sons, contractors, Sioux City, Ia.
Babson, Dow Mfg. Co., machsts. & fndrs., screws, etc., 60 Fulda, Boston, Mass.
Babyeat Mfg. Co., mattresses, Mansfield, Ohio.
Baccich & de Montluzin, 306 Baronne, New Orleans, La.
Bach Brick Co., 2647 Montrose av, Chicago, Ill.
Bach, J. O., architect, Superior, Wis.
Bach, M. W. & Co., horse collars, Ottawa, Ill.
Bacharach Industrial Instrument Co., indicators, meters, etc., Dept. H, Murtlord & Bennett, Pittsburgh, Pa.
Bache, Arthur J., contractor, 1225 11th, N. W., Washington, D. C.
Bache, Semon, & Co., polished plate glass, 636 Greenwich, New York
Bachelder & Co., bungs, plugs, taps, etc., 234 Mt. Vernon, Lowell, Mass.
Bachelder, A., & Co., wooden plugs, 234 Mt. Vernon, Lowell, Mass.
Bachelor Brick & Tile Co., Angola, Ind.
Bachler, C. F., htg. contrs., 152 N. 6th, Philadelphia, Pa.
Bachman, Adam, stone producer, 16 S. 22d, Pittsburgh, Pa.
Bachman Bros., celluloid novelties & optical gds, 609H Commerce, Phila., Pa.
Bachman, C. A., cornices, Newton, Kans.
Bachman, Conrad, sashes, doors & blinds, Vermillion, Ohio.
Bachman, F. M., Co., lbr. mfrs., Madison av. c. Lincoln, Indianapolis, Ind.
Bachman, R. K., & Bro., sash, door & blind mfrs., Phillipsburg, N. J.
Bachman-Veghte Co., masons' & bldrs.' matls., Roselle Park, N. J.
Bachmann Bros., heaters, La Porte, Ind.
Bachmann, Geo., contractor, Camden, N. J.
Bachmann, Geo. J., architect, Flint, Mich.
Bachmann, J., & Co., belting, 16 Reade, New York.
Bachmeier & Co., aniline colors & dyestuffs, 438 W. 37th, New York.
Bachrach & Co., advtg. signs, 577 Market, San Francisco, Cal.
Backbone Coal Co., McAlester, Okla.
Backer Machine Tool Supply Co., 39 Cortlandt, New York.
Backes, M., Sons, torpedoes, Wallingford, Conn.
Backes, Nicholas P., architect, M. &. M. Bank bldg., Milwaukee, Wis.
Backes & Pfaller, architect, M. &. M. Bank bldg., Milwaukee, Wis.
Backman Sheet Metal Wks., Des Moines, Iowa.
Backstay Machine & Leather Co., Union City, Ind.
Backus, A., Jr., & Son, packing box mfrs., 393 Lafayette, Detroit, Mich.
Backus, Albert, & Co., stone, Irvington, N. J.
Backus-Brooks Co., lumber mfrs., Bldrs.' Exchange, Minneapolis, Minn.
Backus Corp., see Backus Heater & Foundry (successor).
Backus Heater & Fdry Co., Inc., 63 Canal, Boston, Mass.
Backus Novelty Co., coat hooks, Smithport, Pa.
Backus, Peter B., heating contractor, Wilkes-Barre, Pa.
Backus & Sholes, common brick, Hampshire, Ill.
Backus Water Motor Co., gas engines, water motors, etc., 172 Penn av, Newark, N. J.
Bacon, A. S., & Sons, lumber, Savannah, Ga.
Bacon Bros., sheet metal work, Middletown, Conn.
Bacon, Chas. E. architect, Odd Fellow bldg, Indianapolis, Ind.
Bacon & Co., crates, ladders, etc., Gasport, N. Y.
Bacon & Co., steel structural dlrs., 107 Oliver, Boston, Mass.
Bacon, Earle C., Inc., machy. dlrs., 26 Cortlandt, New York.
Bacon, Ed. R., Co., contrs., tools & supplies, 165 E. Jefferson, Los Angeles, Cal.
Bacon Felt Co., felt wheels & mechanical felt mfrs., Winchester, Mass.
Bacon, H., architect, 228 Lexington av, New York City.
Bacon Heater & Mfg. Co., 2622 Franklin av, Cleveland, Ohio.
Bacon, Jonn F., architect, 475 5th av, New York.
Bacon, Lewis H., architect, 120 Boylston, Boston, Mass.
Bacon Mfg. Co., agricultural implements, Pontiac, Mich.
Bacon Milling Co., flour, Maysville, Ga.
Bacon-Taplin Co., machy. dlrs., Springfield, Mass.
Bacon-Underwood Veneer Co., gum heading, Stockton, Ala.
Bacon & Matheson Forge Co., 17H W. Lander, Seattle, Wash.
Bacterial Sewage Purification Co., 2 Wall, New York.
Bader, Daniel S., contractor, 1345 Arch, Philadelphia, Pa.
Bader, Frank L., architect, Park Hill av & Park Hill pl, Milwaukee, Wis.
Bader & Huebner, stone producers, Johnstown, Pa.
Bader, J. A., Co., contractor, Wilmington, Del.
Bader, John, Lumber Co., 2020 Clybourne av, Chicago, Ill.
Badger Auto. Body Co., 209 Hanover, Milwaukee, Wis.
Badger & Badger, lbr. mfrs., Toledo, Wash.
Badger Bag & Paper Co., 3737 S. Ashland av, Chicago, Ill., and Wausau, Wis.
Badger Belt & Rubber Co.,' mill & facty. supplies, Milwaukee, Wis.
Badger Box & Lumber Co., Grand Rapids, Wis.
Badger Brass Mfg. Co., see Hall, C. M., Lamp Co. (successor).
Badger Calendar Co., advtg. novelties, 790 Buffum, Milwaukee, Wis.
Badger Canning Co., Beaver Dam, Wis.
Badger Chemical Mfg. Co., fire extinguishers, 221 Grand, Milwaukee, Wis.
Badger Concrete Mixer Co., First Nat. Bk. Bldg., Milwaukee, Wis.
Badger Construction Co., Ry. Exch. Bldg., Milwaukee, Wis.
Badger, E. B., & Sons Co., plants, stills, evaporators, etc., 75a Pitts, Boston, Mass. *See adv index at end of book.*
Badger Fire Extinguisher Co., 34 Portland, Boston, Mass.
Badger Fdry Co., Racine, Wis.
Badger, Franklin L., machst. & fndr., East Concord, N. H.
Badger Furnace Co., machsts., Appleton, Wis.
Badger Gas & Gasoline Engine Co., power transmitting & wood sawing machy., Kansas City, Kan.
Badger Handle Co., halters, straps, belts, etc., 415 3rd, Milwaukee, Wis.
Badger Lbr. Co., 2401 E. 15th, Kansas City, Mo., and Tigerton, Wis., & Senino, Wash.
Badger Malleable & Mfg. Co., malleable iron castings & specialties, South Milwaukee, Wis.
Badger Mfg. Corp., automobile bumpers, steering wheels, etc., 313-317 Milwaukee, Milwaukee, Wis.
Badger Meter Mfg. Co., water meters, 841 30th, Milwaukee, Wis.
Badger Nail Co., 159 Muskego av, Milwaukee, Wis.
Badger-Packard Machy. Co., 133 W. Water, Milwaukee, Wis.
Badger Sash & Door Co., 594 Island av, Milwaukee, Wis.
Badger State Machine Co., Janesville, Wis.
Badger State Tanning Co., harness leather, Sheboygan, Wis.
Badger Steel Roofing & Corrugating Co., cornices & skylights, La Crosse, Wis.
Badger Tool Co., grinding machy., Beloit, Wis.
Badger Tool & Forge Co., cold forgings, cold & cape chisels, 707 Nebraska, Oshkosh, Wis.
Badger Wire & Iron Works, 25th av & Cleveland, Milwaukee, Wis.
Baechlin, Henry, architect, 665 Broad, Newark, N. J.
Baeck Wall Paper Co., 233 37th, Brooklyn, N. Y.
Baeder, Adamson & Co., paper & pulp mills & glue mfrs., Richmond & Allegheny, Philadelphia, Pa.

Baeder, J. L., elec. & gas light fixtures, 2849 Webster av, New York.
Baeder, Louis, architect, Securities bldg., Seattle, Wash.
Baehker, F., elec. light fixture mfrs., 2531 Milwaukee av, Chicago, Ill.
Baehring, H., brick, Schleisingerville, Wis.
Baekoff, Jones & Cook, arch., 9 Clinton, Newark, N. J.
Baenker, H. H., Motor Plow Co., St. Charles, Mo.
Baer, A. S., & Son, beer coolers, 106 Wall, New York.
Baer Bros., gold, silver & aluminum leaf, enamels, etc., 438 W. 37th, New York.
Baer, H., Co., contractors, 842 S. 19th, Newark, N. J.
Baer, Herbert M., architect, 101 Park av, New York.
Baer, R. P., & Co., lumber mfrs., Md. Casualty Tower, Balto., Md.
Baerresen, V. E., architect, Cham. Comm. bldg., Denver, Colo.
Baerresen & Wieger, architects, Cheyenne, Wyo.
Baerti Anti-Slip Cement Co., 97 Water, New York.
Baeseman, G. H., Mfg. Co., lbr., Rib Falls, Wis.
Baeuerle & Morris, condensers, evaporators, distilling app., etc., 932 N. Front, Philadelphia, Pa.
Bagby Furniture Co., desk mfrs., Eastern av & Exeter, Baltimore, Md.
Bagdad Land & Lumber Co., Bagdad, Fla.
Bagg, Egbert, architect, Clarendon Bldg., Utica, N. Y.
Baggot, E., Co., drainage systems, elec. light fixtures, 21 E. Lake, Chicago, Ill.
Bagley, Abraham, architect, Berne, Ind.
Bagley Canning Co., Talent, Ore.
Bagley Grader Co., railroad, reservoir graders, Tacoma, Wash.
Bagley & Sewell Co., machsts. & fndrs., Watertown, N. Y.
Bagnell Timber Co., Title Guaranty Bldg., St. Louis, Mo.
Bagshaw & Field, machsts., 145 N. 5th, Philadelphia, Pa.
Bagshaw, W. H., Co., textile machy., Lowell, Mass.
Bagues Freres Co., elec. & gas light fixtures, 705 5th av, New York.
Bagwell Mfg. Co., carriages, Gainesville, Ga.
Bahe, Edw., sash, door & blind mfrs., 2340 Nelson, Chicago, Ill.
Bahmann Iron Works Co., plantation machinery, Cincinnati, Ohio.
Bahn, Henry W., willow ware mfrs., Liverpool, N. Y.
Bahn, John & Sons, Liverpool, N. Y.
Bahn, Walter D., & Co., masons' & bldrs. matls., New Freedom, Pa.
Bahner, Geo., masons' & bldrs. matls., New Boston, Ohio.
Bahr Bros. Mfg. Co., machsts. & fndrs., Marion, Ind.
Bahr, Chas., contractor, Verona, N. J.
Bahr Demijohn Co., 901 Grand, Brooklyn, N. Y.
Baier Bros. Mfg. Co., poultry fountains, Cissna Park, Ill.
Baier & Conrad, cornices, 336 Hunterdon, Newark, N. J.
Bailey & Alling Lbr. Co., Ft. Clay, Newark, N. J.
Bailey & Bailey, architects, Lawrence Bldg., Okla. City, Okla.
Bailey & Blendinger Mfg. Co., knives, Woburn, Mass.
Bailey & Bowne, auto. wood bodies, Utica, N. Y.
Bailey-Burruss Mfg. Co., mill & factory supp. & oil mill machy., Atlanta, Ga.
Bailey, C., & Co., wagon spokes, Elimsport, Pa.
Bailey, C. J., & Co., rubber gds., druggists' & surgical, 22 Boylston, Boston, Mass.
Bailey, C. M. & Co., meat packers, 99 S. Orange av, Newark, N. J.
Bailey, C. T. & Co., glue mfrs., 123 W. Kinzie, Chicago, Ill.
Bailey, C. W., & Son, carriages, Windsor, Va.
Bailey, Chas. A., granite, Suncook, N. H.
Bailey, Chas. J., architect, Bank, Waterbury, Conn.
Bailey & Co., storage battery trucks, Amesbury, Mass.
Bailey, E., & Sons, masons' & bldrs. matls., Patchogue, N. Y.
Bailey, E. M., & Son, agricultural implements, Leraysville, Pa.
Bailey Elmer Smith, architect, 33 Cornhill, Boston, Mass.
Bailey Engine Co., machsts, Lima, N. Y.
Bailey, F. O., Carriage Co., Portland, Me.
Bailey, F. T., & Co., sink legs, North Scituate, Mass.
Bailey-Farrell Mfg. Co., plumbers' supplies, jobbers, 3d av & Ross, Ptg., Pa.
Bailey, Fred T., & Co., portable benches, North Scituate, Mass.
Bailey Furn. Co., Dept. H, Palestine, Tex.
Bailey, G. E., & Sons, oven bldrs., Mansfield, Mass.
Bailey, G. W., Co., auto, binding & gimps, shoe knives, Brockton, Mass.
Bailey, Geo. D. Co., thrustball bearing, 4500 Ravenwood av, Chicago, Ill.
Bailey, Geo. P., & Son, stencils, Rochester, N. Y.
Bailey Hardware Co., wholesale, Coatesville, Pa.
Bailey, J. Barnes, canned goods, Forest Hill, Md.
Bailey, J. W., & Co., masons' & bldrs. matls., Anderson, Ind.
Bailey, John T. Co., cordage & twine mfrs., 19th & Washington, Philadelphia, Pa.
Bailey Knitting Mills, sweaters, etc., Fort Plain, N. Y.
Bailey, L. R., & Co., architects, N. W. Bank Bldg., Portland, Ore.
Bailey & Lambert, contractors, Walla Walla, Wash.
Bailey-Lebby Co., mill & facty. supplies, Charleston, S. C.
Bailey-Lewis, Inc., mill supplies, 406H Bakewell bldg., Phila., Pa.
Bailey Lbr. Co., box shooks, Suncook, N. H.
Bailey-Lush Co., contractors, 201 N. Broad, Philadelphia, Pa.
Bailey, M. A., masons & bldrs. matls. Northampton, Mass.
Bailey Mach. Co., Hilderbran, N. C.
Bailey Mfg. Co., copying presses, Berlin, Conn.
Bailey Meter Co., recording meters mfrs., 2017 E 46th, Cleveland, O., and 139-141 Milk, Boston, Mass.
Bailey, Myron C., contractor, Northampton, Mass.
Bailey, Oscar L., & Co., knitted gloves & mittens, Everett, Mass.
Bailey Piano Co., Whitlock & Leggett avs, New York.
Bailey, R., & Son, contractors, 18 Lackman av, Mariners Harbor, N. Y.
Bailey Reflector Co., show case, 617 2nd, Pittsburgh, Pa.
Bailey-Reynolds Chandelier Co., Kansas City, Mo.
Bailey, Robert M., architect, 15 Beacon, Boston, Mass.
Bailey Spencer Hardware Co., Lynchburg, Va.
Bailey, W. A., masons' & bldrs. matls., Northampton, Mass.
Bailey, W. C., contractor, Omaha, Neb.
Bailey, W. J., Co., masons' & bldrs. matls. San Diego, Cal.
Bailey, W. T., & Co., cornices & skylights, Concord, N. H.
Bailey Wall Paper Co., 1915 W. 96th, Cleveland, O.
Bailey & Weston, window shade mfrs., 81 Wash'n, Boston, Mass.
Bailey, Wm., Co., mill & factory supplies, Bakewell bldg., Pittsburgh, Pa.
Bailey, Wm. D., Co., sash, door & blind mfrs., Matawan, N. J.
Bailey, Wm. J., & Co., machsts., 401 Mulberry, Newark, N. J.
Bailey, Wm. M., Co., contractors, 88 Broad, Boston, Mass.
Bailey, Wm. R., heating contrs., 96 Warren, New York.
Bailey & Koerner, contractors. See Koerner, C. A., & Co. (successors).
Bailey's, C. M., Sons & Co., oil cloth mfrs., Winthrop, Me.
Baille Basket Co., 82 Sudbury, Boston, Mass.
Baillard, E. V., Co., models & experimental wk., 24 Frankfort, New York.
Baillie, John M., architect, 145 N. Jefferson, Rockford, Ill.
Baillie Stone Co., The Arcade, Berlin Heights & Cleveland, O.
Ballor Plow Mfg. Co., Atchison, Kans.
Baily & Bassett, architects, 421 Chestnut, Philadelphia, Pa.
Baily Hardware Co., Pottstown, Pa.
Baily, Joshua L. & Co., cotton sheetings, 1508 Walnut, Philadelphia, Pa.
Baily, R. M., & Co., machinery dlrs., Commercial Trust Bldg., Philadelphia, Pa.
Bain Bros. Mfg. Co., dryers, seed corn, Cedar Rapids, Ia.
Bain & Co., fertilizer mfrs., Courtland, Va.
Bain, Fred B., advtg., Ins. Bldg., San Francisco, Cal.
Bain, H. H., Sheet Metal Works, Shreveport, La.
Bain, L. F., & Sons, fertilizer mfrs., Wakefield, Va.
Bain Wagon Co., wagon makers, Kenosha, Wis.
Bainbridge, Chas. J., advt. nov., Syracuse, N. Y.
Bainbridge Electrical Co., telephones & apparatus, 1613 Sansom, Philadelphia, Pa.
Bainbridge, Wm. M., brick, Rushville, Ind.
Bainbridge's, Chas. T., Sons, pads & tablets, 2 Cumberland, Brooklyn, N. Y.
Bains, G. B., & Son, trunk mfrs., 1028 Chestnut, Phila., Pa.
Bair, Harry S., architect, Vandergrift Bldg., Pittsburgh, Pa.
Bair, M. N., architect, 1911 Derry, Harrisburg, Pa.
Baird, A. D., & Sons, stone prod., 667 Wythe av, B'klyn, N. Y.
Baird Bros. & Co., metal polish, bicycle & sewing machine oils, 1435 W. 10th, Cleveland, Ohio.
Baird, C. K., Co., searchlights, 24 E. 23rd, New York.
Baird Co., surgical & dental instruments, Plainfield, N. J.
Baird, D. W., Lumber Co., 1026 W. 22d, Chicago, Ill.
Baird, David, Co., lbr., ties, poles, etc., Camden, N. J.
Baird Equipment Co., see King Lock Co. (successor).
Baird Hardware Co., Gainesville, Fla., and Charleston, W. Va.
Baird-Harper Lumber Co., Warland, Mont.
Baird Harvester Co., Decatur, Ill.
Baird, J. H. & Son, fertilzer mfrs., Marlboro, N. J.
Baird Machine Co., badge pin machy., etc., Bridgeport, Conn.
Baird Mach. & Mfg. Co., 265 Jefferson av, Detroit, Mich.
Baird Motion Picture Machine Co., 24 E. 23d, New York.
Baird, Motion Picture Mach. Co., 31 Runyon, Newark, N. J.
Baird Pneumatic Tool Co., drills, Rialto bldg., Kansas City, Mo.
Baird Rubber & Trading Co., 9 Murray, New York
Baird & Slinger, mchsts. & fdrs., Portage, Wis.
Baird, W. J., Machy. Co., dlrs., 265 E. Jefferson, Detroit, Mich.
Baird's, S. L. M., Sons, masons' & bldrs.' matls., Evansville, Ind.
Bairstow, Frederick, stone producers, Waukegan, Ill.
Baitelman, Sam'l, carriages, 211 Wooster, New York.
Baitinger, Wm. F., crushed stone, 1486 Mack av, Detroit, Mich.
Baizley, John, Iron Wks., mchsts. & fndrs., 514 S. Del. av, Philadelphia, Pa.
Bajohr, Carl, Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.
Bakeman, Geo. F., contractor, Benton Harbor, Mich.
Bakenridge Lbr. Co. (Ltd.), Springfield, La.
Baker, A. D., Co., agricultural implements, Swanton, Ohio.
Baker, A. F., Mach. Co., 135 Oliver, Boston, Mass.
Baker, A. T. & Co., plushes, Manayunk, Philadelphia, Pa.
Baker & Adamson Chemical Co., hydrofluoric acid, Easton, Pa.
Baker Advtg. Co., advtg. novelties, 428 Central Blk., Pueblo, Colo.
Baker, Alfred, buttons, 79 Orange, Newark, N. J.
Baker, Alfred M., architect, 8520 Concord pl, St. Louis, Mo.
Baker, Barron, Inc., contractors & road machy., 221 W. B'way, New York.
Baker-Bell Motor Co., 665 N. Broad, Philadelphia, Pa.
Baker, Benj., machsts., Oswego, N. Y.
Baker & Bennett Co., bob sleds, 873 B'way, New York.
Baker Box Co., Worcester, Mass.
Baker & Brinkley, contractors, Norfolk, Va.
Baker & Bro., carriages, Lexington, Ky.
Baker Bros., flour mills, Binghamton, N. Y.
Baker Bros., drilling, etc., machines, Toledo, Ohio.
Baker Bros. & Co., plate glass, 2 S. Gay, Baltimore, Md.
Baker Bros. Glass Co., Okmulgee, Okla.
Baker & Brown, fertilizer mfrs., Staunton, Va.
Baker-Brown Casket Co., Rochester, N. Y.
Baker Brush Co., 83 Grand, New York.
Baker, Carver & Morrell, mill & factory supplies, 39 Water, New York.
Baker, C. D., heating contrs., Raymond, Wash.
Baker, C. L., automobile bldrs., Norwalk, Conn.
Baker, C. O., canned goods, Fincastle, Va.
Baker, C. W. & Sons, canned goods, Aberdeen, Md.
Baker Castor Oil Co., 120 B'way, New York.
Baker, Cecil F., architect, 30 N. Michigan av, Chicago, Ill.
Baker, Cecil Frank, architect, University of Kansas, Kansas State Agri. College, Manhattan, Kan.
Baker, Charles, potteries, Rockville, Ind.
Baker, Chas. F., & Co., nails, 48 Lincoln, Boston, Mass.
Baker, Chas. H., architect, First National Bank bldg., Great Falls, Mont.
Baker City Packing Co., meat, Baker, Ore.
Baker & Co., fertilizer mfrs., Winchester, Va.
Baker & Co., furniture, Dept. H, Allegan, Mich.
Baker & Co., muffles, metal novelties & specialties, platinum sheet wire, etc., 54 Austin, Newark, N. J.
Baker, Cecil F., architect, 30 N. Michigan av, Chicago, Ill.
Baker-Dunbar-Allen Co., contractors, Citizens Bldg., Cleveland, O.
Baker, E. & Co., sheet metal work, 608-10 S. La Salle, Chicago, Ill. *See adv index at end of book.*
Baker, Edwin F., contractor, Warren, Pa.
Baker Elec. Co., massage vibrators, Hartford, Conn.
Baker, F. M., Apparatus Co., chemical & laboratory apparatus, Syracuse, N. Y.
Baker Fndry. & Mach. Co., Amesbury, Mass.
Baker, Frank L., architect, Portation Bldg., Seattle, Wash.
Baker, Fred, brick, Wilson Conn.
Baker, Fred K., Lumber Co., mfrs. & wholesalers, Everett, Wash.
Baker, G. D., ties, poles, etc., Washington C. H., Ohio

Baker, G. Harold, canned goods, Aberdeen, Md.
Baker, G. W., Mach. Co., Wilmington, Del.
Baker, Geo. M., Co., platinum, 91 Page, Providence, R. I.
Baker, Geo. W., masons' & bldrs.' matls., Loami, Ill.
Baker Gun & Forging Co., Batavia, N. Y.
Baker, H. H., & Co., yacht sails, Buffalo, N. Y.
Baker, H. J., & Bro., sulphate of ammonia, potash, camphor, etc., 81 Fulton, New York.
Baker, H. P., & Co., wood handles, Columbia, Va.
Baker, H. W., masons' & bldrs.' matls., Berryville, Va.
Baker Hamilton & Pacific Co., whol, hdwe., etc., 7th & Townsend, San Francisco, Cal.
Baker, Harry F., landscape architect, 4629 Lake Harriet blvd, Minneapolis, Minn.
Baker & Holmes Co., masons' & bldrs.' matls., Jacksonville, Fla.
Baker Ice Mach. Co., Omaha, Neb.
Baker Iron Wks., 912 N. B'way, Los Angeles, Cal.
Baker, J. A., canned goods, East New Market, Md.
Baker, J. E., Co., stone producers, York, Pa.
Baker, J. Edw., architect, Manchester, N. H.
Baker, J. K., & Sons Co., gasoline torches, Kendallville, Ind.
Baker, J. T., Chemical Co., hydrobromic acid, Phillipsburg, N. J.
Baker, Jas. M., patterns & models, 114 W. Exchange, Providence, R. I.
Baker, Jas. B., architect, 156 5th av, New York.
Baker, Jas. McF., architect, 225 5th av, New York.
Baker, John, Jr., asphalt dlrs. & imptrs., 17 Battery pl, New York.
Baker, John E., Jr., architect, 74 N. Fullerton av, Montclair, N. J.
Baker, John M., architect, 9 Jackson av, Long Island City, N. Y.
Baker, John S., brake handles, rachet wheels, Beverly, Mass.
Baker, Jos. W., architect, 111 N. 4th, Harrison, N. J.
Baker & Lasher, Inc., contractors, New Britain, Conn.
Baker Lead Mfg. Co., Worcester, Mass.
Baker & Lockwood Mfg. Co., contrs. tents, Kansas City, Mo.
Baker & McDowell Hardware Co., Natchez, Miss.
Baker, McMillen Co., handles, wood turning, Akron, Ohio.
Baker Mach. Co., New Bedford, Mass.
Baker Machinery Co., Des Moines, Ia.
Baker-Manchester Mfg. Co., silver & plated novelties, 100 Stewart, Providence, R. I.
Baker Mfg. Co., agricultural implements, Evansville, Wis.
Baker Mfg. Co., road machy., Harvard Park, Springfield, Ill.
Baker Mfg. Corp., paper mill machy., Saratoga Springs, N. Y.
Baker-Matthews Lumber Co., Bank of Commerce bldg., Memphis, Tenn.
Baker-Matthews Mfg. Co., lumber, Sikeston, Mo.
Baker & Mays, flour mills, Marion, Ky.
Baker, Milton O., contractor, New Britain, Conn.
Baker-Minter Lbr. Co., Inc., mfrs., Elmira, N. Y.
Baker, Moore & Co., lbr., Salkehatchie, S. C.
Baker-Nealey Co., lumber, Chesaw, Wash.
Baker & Norris, architect, 41 E. 4th av, Cincinnati, Ohio.
Baker, O. D., Co., mattresses, 60 Canal, Boston, Mass.
Baker, Owen, Constr. Co., Johnstown, Pa.
Baker & Price, contrs., Logansport, Ind.
Baker, R. D., Co., contrs., 1631-79 Elmhurst av, Detroit, Mich.
Baker, R. & L., Co., automobile body & industrial trucks bldrs., 2180 W. 25th, Cleveland, O.
Baker River Lumber Co., Concrete, Wash.
Baker & Smith, steamfitters' supplies, 408 N. Wells, Chicago, Ill.
Baker, Smith & Co., heating app., 576 Greenwich, New York.
Baker Specialty & Supply Co., plumbers' supplies—jobbers, Logansport, Ind.
Baker Stove Works, Belleville, Ill.
Baker, T. E. & Sons Co., elec. & gas light fixtures, San Jose, Cal.
Baker, Thos. N., Lbr. Co., Samson, Ala.
Baker Valve Co., piston rings, 1855 E. 28th, Minneapolis, Minn.
Baker-Vawter Co., loose leaf devices, Benton Harbor, Mich.
Baker, W. J., Co., metal screens & specialties, Newport, Ky.
Baker, W. S., canned goods, Bridgeton, N. J.
Baker, W. T., paints, cements, etc., 224 Suydam av, Jersey City, N. J.
Baker, W. W., Tanning Co., Sumac, Hallsboro, Va.
Baker-Wakefield Cypress Co., Ltd., Plattenville, La.
Baker White Pine Lbr. Co., Baker, Ore.
Baker, Wm., contractor, 137 South, Jersey City & Passaic, N. J.
Baker, Wm., masons' & bldrs.' matls., New Baltimore, Mich.
Baker, Wm. E., contractor, Scranton, Pa.
Baker, Wm. H., machst., Trenton, N. J.
Baker & Winsor, battery chemicals, 189 Eddy, Providence, R. I.
Bakers' Helper Co., trade publication, 327 S. La Salle, Chicago, Ill.
Bakers, Joseph, Ltd., machinery imp., 235 B'way, New York.
Bakers Products Co., corn & cottonseed oils, 1125 W. 11th, Cleveland, O.
Bakers' Review, trade publication, 233 B'way, New York.
Bakers' Sons, J., & Perkins Co., Inc., machy. mfrs., White Plains, N. Y.
Bakers' Weekly, trade publication, 41 Park Row, New York.
Bakersfield Iron Works, Bakersfield, Cal.
Bakersfield Sandstone Brick Co., Bakersfield, Cal.
Bakewell & Brown, architects, 251 Kearney, San Francisco, Cal.
Bakke, O., architect, Missoula, Mont.
Bakke, O. C., architect, Gibson block, Missoula, Mont.
Bakke, S. W. Lumber Co., Detroit, Mich.
Bal, Wm., Co., trunk mfrs., 14 Johnson, Newark, N. J.
Balbach Co., oxygen & hydrogen, Omaha, Neb.
Balbach Smelting & Refining Co., 280 Broadway, New York.
Balch Bros. & West, advtg. spec., Utica, N. Y.
Balch, H. F. & Co., contrctrs, Phoenix Bldg., Minneapolis, Minn.
Balch, Harold C., architect, Madison, Wis.
Balcomb, Edwin B., architect, 228 Sussex, Salem, Mass.
Baldauf, John, contractor, Marion, Ohio.
Baldensperger, S. G., contractor, Highland Bldg., Pittsburgh, Pa.
Balderston, Chas., architect, 411 Walnut, Philadelphia, Pa.
Balderston, H., & Son, archl. iron, 505 W. Franklin, Baltimore, Md.
Baldock & Co., flour mills, Dearborn, Va.
Baldoser & Pace Pottery Co., Roseville, Ohio.
Baldor Elec. Co., motors, 4351-55H Duncan av, St. Louis, Mo.
Baldridge Bros., contrs., Decatur, Ill.
Baldridge, E. R., & Co., stone producers, Hollidaysburg, Pa.
Baldridge, J. C., Lumber Co., Albuquerque, N. M.
Baldt Anchor & Chain Co., Chester, Pa.

Baldwin, A. & Co., Ltd., wholesale hdwe., Camp & Common, New Orleans, La.
Baldwin, Bert L., architect, 2d Natl. Bk. bldg., Cincinnati, Ohio.
Baldwin Brass Wks., fndrs., 411 S. Clinton, Chicago, Ill.
Baldwin Bros., contrs., Rose Bldg., Cleveland, Ohio, & Erie, Pa.
Baldwin Bros., wagon hubs & spokes, Ironton, Mo.
Baldwin Bros., machinists, Winona, Minn.
Baldwin & Brown, wholesale hdwe., masons' & bldrs.' matls., 1557 E. Main, Richmond, Va.
Baldwin, C. R., contractor, West Chester, Pa.
Baldwin Chain & Mfg. Co., chains & sprockets for trucks, tractors & machine drives, Worcester, Mass.
Baldwin, Chas. H., architect, East Orange, N. J.
Baldwin, Chas. P., architect, 45 Clinton, Newark, N. J.
Baldwin Co., organs, 142 W. 4th, Cincinnati, Ohio.
Baldwin County Fertilizer Co., Milledgeville, Ga.
Baldwin, Dwight M., Jr., flour, 2219 Pillsbury av, Minneapolis, Minn.
Baldwin, E. F., machsts. & fndrs., Gardner, Mass.
Baldwin, E. N., hdwe. mfrs. (carriage), Shelton, Conn.
Baldwin, Edwin L., masons' & bldrs.' matls., Lestershire, N. Y.
Baldwin, Frank C., architect, 816 Conn. av, N. W., Washington, D. C., & Fredericksburg, Va.
Baldwin, Frank, & Son, contrs.' tools, 33 South, New York.
Baldwin, H. A., & Co., masons' & bldrs.' matls., 14903 Saranac, Cleveland, Ohio.
Baldwin, H. J., & Son, ties, poles & posts, Waverly, N. Y.
Baldwin, H. N., canned goods, Chestertown, Md.
Baldwin, Homer (Est. of), flour mills, Youngstown, Ohio.
Baldwin, J. Frank, masons' & bldrs.' matls., Birmingham, Ala.
Baldwin, J. J., architect, Anderson, S. C.
Baldwin, J. P., htg. contr., 208 N. Wells, Chicago, Ill.
Baldwin, Jas., Co., textile machy. supplies., etc., Manchester, N. H.
Baldwin, Jas. L., & Co., cash carriers, 350 W. Madison, Chicago, Ill.
Baldwin & Lewis, turpentine, Jacksonville, Fla.
Baldwin, Linus, contractor, Middletown, Conn.
Baldwin Locomotive Works, Broad & Spring Garden, Philadelphia, Pa.
Baldwin Lumber Co., Ltd., Baldwin, La.
Baldwin, Martin, machsts. & fndrs., St. Clair, Mich.
Baldwin Mfg. Co., threshers, Sparta, Mich.
Baldwin, M. E., Construction Co., 140 S. Dearborn, Chicago, Ill.
Baldwin, N. T., & Son, contractors, Atlantic City, N. J.
Baldwin Lumber Co., Garfield av, Jersey City, N. J.
Baldwin Piano Co., Gilbert av, Cincinnati, Ohio.
Baldwin & Prisler Co., stone producers, Ottawa, Ill.
Baldwin Refrigerator Co., Burlington, Vt.
Baldwin Supply Co., mill & facty. supplies, Elkins, W. Va.
Baldwin, T. F., decorative art leathers, 16 W. 46th, New York.
Baldwin Tool Wks., mchsts. & fndrs., Parkersburg, W. Va.
Baldwin, Tuthill & Bolton, machsts., Grand Rapids, Mich.
Baldwyn Brick & Tile Co., Baldwyn, Miss.
Balestrieri, R., & Co., stone, Atlantic City, N. J.
Balf, Edw., Co., contractors, Hartford, Conn.
Balfour, Guthrie & Co., masons' & bldrs.' matls., Park & Oak, Portland, Ore.; Seattle, Wash., & San Francisco, Cal.
Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio.
Balke & Co., fndr., Louisville, Ky.
Balke & Krauss Co., sash, door & blind mfrs., Indianapolis, Ind.
Balkwell & Patch Furn. Co., 1000H Fullerton av., Chicago, Ill.
Ball-Bearing Shade Rolling Co. See Am. Shade Roller Co. (successor).
Ball Brothers Glass Mfg. Company, cans, fruit jars, bottle glass, sheet zinc, etc., Muncie, Ind.
Ball, Charles, architect, Lockhaven, Pa.
Ball Chemical Co., paint specialties, Fulton Bldg., Pittsburgh, Pa.
Ball Engine Co., Erie, Pa.
Ball, G. J., architect, Metropolitan bldg., Akron, Ohio
Ball Gear & Mach. Co., machsts., 56 Greenpoint av, Brooklyn, N. Y.
Ball Ground Oil & Fertilizer Co., Ball Ground, Ga.
Ball, I. M., & R. E., carriages, Bushnell, Ill.
Ball, J. F., & Bro. Lumber Co. (Ltd.), Alexandria & Pollock, La.
Ball & Jewell, machsts., 24 Franklin, Brooklyn, N. Y.
Ball, John R., Fdry. & Mach. Wks., Durango, Colo.
Ball, Phil. De C., machsts., 3003 N. B'way, St. Louis, Mo.
Ball & Maslach, contrs., Reedley, Cal.
Ball & Roller Bearing Co., 22 Maple av, Danbury, Conn.
Ball & Socket Mfg. Co., metal buttons, West Cheshire, Conn.
Ball Supply Co., whol. hdwe., Charleston, S. C.
Ballard, Agnes, architect, 312 Jefferson rd, West Palm Beach, Fla.
Ballard & Ballard Co., flour mills, Louisville, Ky.
Ballard Drop Forge Co., bolts, Seattle, Wash.
Ballard-Ford Hardware Co., Washington C. H., Ohio.
Ballard, J. W., Co., masons' & bldrs.' matls., Binghamton, N. Y.
Ballard Japanning Co., patent leather, Woburn, Mass.
Ballard Knitting Co., sweaters, etc., Norristown, Pa.
Ballard Packing Co., meat; fertilizer mfrs., Marion, Ind.
Ballard & Son, stone, Sioux Falls, S. D.
Ballard, Stephen, Rubber Co., 90 W. B'way, New York.
Ballard Vale Mills Co., woolen flannels, Ballard Vale, Mass.
Ballard, W. J., architect, 617 1st av, Seattle, Wash.
Ballard, Wm. M., contractor, Oneida, N. Y.
Ballet, Jacob, cornices & skylights, Edinburg, Ill.
Balley, W. T. Lbr. Co., Virginia, Minn.
Balliet, A. H., cigar box mfrs., Allentown, Pa.
Ballin, August E., brick, Lacarne, Ohio.
Ballin, F. A., naval arch., Worcester Bldg., Portland, Ore.
Ballin, R. C., brick, Lacarne, Ohio.
Ballin Water Tube Boiler Co., Portland, Ore.
Ballinger Co., architects, 1328 B'way, New York.
Ballinger, R. C., & Co., contractors, 218 N. 13th, Phila., Pa.
Ballman Cabinet Co., 314 Russell av, Cincinnati, Ohio.
Ballman Cummings Furn. Co., Dept. H, Fort Smith, Tex.
Balloffet-Baszanger Die Co., diamond draw plates, 108 Fulton, New York.
Ballou-Hutchins Elec. Co., time switches, Providence, R. I.
Ballou, J. C., granite, Quincy, Mass.
Ballou, Johnson & Nichols Co., wholesale hdwe., 128 Dorrance, Providence, R. I.
Ballou, M. E. & Son, Co., mill & clothes baskets, Becket, Mass.
Ballou Thread Co., 189 Charles, Providence, R. I.

Ballston Fibre Products Co., Ballston Spa., N. Y.
Ballweg & Co., packing box mfrs., Indianapolis, Ind.
Ballwood Co., pipe, bends & coils, 30 Church, New York.
See adv index at end of book.
Bally, Samuel H., contractor, Lancaster, Pa.
Balm Mfg. Co., mchsts. & fndrs., Canton, Ohio.
Balte, Ben & Son, lbr., Ferdinand, Ind.
Baltes, E. M. & Co., masons' & bldrs.' matls., Fort Wayne, Ind.
Baltes, H. A., lamp cord adjusters, Garwood, N. J.
Baltic Chemical Co., aniline dyes, dyewood extracts, etc., 169 Reade, New York
Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
Baltimore Brass & Plating Wks., castings, 118 E. Centre, Baltimore, Md.
Baltimore Broom Wks., 2105 Eastern av, Baltimore, Md.
Baltimore Buggy Top Co., 113 W. Mt. Royal av, Baltimore, Md.
Baltimore Canning Co., 110 E. York, Baltimore, Md.
Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Baltimore Chair & Furn. Co., 801H Madison av, Baltimore, Md.
Baltimore Chemical Co., soldering flux, 1901 Park av, Balti., Md.
Baltimore Cooperage Co., tank mfrs., Ostend & Leadenhall, Baltimore, Md.
Baltimore Copper Smelting & Rolling Co., Dept. H, Canton & end of Penn. car line, Baltimore, Md.
Baltimore Dry Docks & Ship Building Co., ship builders, ft. East Fort av., Baltimore, Md.
Baltimore Electro Alloys Co., ferro-chrome & ferro-silicon, H. Lexington bldg., Baltimore, Md.
Baltimore Enamel & Novelty Co., 4 E. Redwood, Baltimore, Md.
Baltimore Engine Co., 221 N. Calvert, Baltimore, Md.
Baltimore Fertilizer Co., 221 N. Calvert, Baltimore, Md.
Baltimore Gas Appliance & Mfg. Co., mchsts. & fndrs., Bayard & Hamburg, Baltimore, Md.
Baltimore Gas Light Co., 307 W. Redwood, Baltimore, Md.
Baltimore Hub-Wheel Mfg. Co., Fiswy & Gy, Baltimore, Md.
Baltimore Lumber Co., 1131 Watson, Baltimore, Md.
Baltimore Malleable Iron & Steel Castings Co., founders, So. Charles & Wells, Baltimore, Md.
Baltimore & Ohio R. R. Co., Baltimore & Charles, Baltimore, Md.
B. & O. R. R. Shops, mchsts. & fdrs., Newark, Ohio.
Baltimore Oil Engine Co., Eastern av & 31st, Baltimore, Md.
Baltimore Oil Co., 106 N. High, Baltimore, Md.
Baltimore Oxidized Nail Co., 215 S. Central av, Baltimore, Md.
Baltimore Peach Bottom Slate Corp., Delta, Pa.
Baltimore Pearl Hominy Co., Howard & Ostend, Baltimore, Md.
Baltimore Plbg. Supply Co., steam fitters' supplies, 3 N. Central av, Baltimore, Md.
Baltimore Polytechnic Institute, engng. schools & coll., North av & Calvert, Baltimore, Md.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Roofing & Asbestos Mfg. Co., Asbestos, Md.
Baltimore Sash & Door Co., Howard & West, Baltimore, Md.
Baltimore Ship Supply Co., 28 S. Charles, Baltimore, Md.
Baltimore Sign Co., sign mfrs., 522 Pierce, Baltimore, Md.
Baltimore Stamping & Enameling Co., tinware mfrs., 909 E. Pratt, Baltimore, Md.
Baltimore Terra Cotta Wks., fire clay, 1300 Covington, Baltimore, Md.
BALTIMORE TUBE CO., mfrs. of brass & copper tubing sheet brass & copper condenser tubes, etc., Baltimore, Md.
Baltimore Varnish Wks., Severn & Bayard, Baltimore, Md.
Baltuff, Jos. M., bldg contrs., Metropolitan Bank bldg., Minneapolis, Minn.
Balyeat Mfg. Co., mattresses, Mansfield, Ohio.
B. & A. Mach. Wks., 317 S. Clinton, Chicago, Ill.
Bamberg Cotton Mills Co. See Santee Mills (successors).
Bamberger, Alex., contr., 3945 Perrysville av, Pittsburgh, Pa.
Bamberger, Herman Co., umbrella mfrs., 877 B'way, New York.
Bambrick Bros.' Construction Co., 5229 St. Louis av, St. Louis, Mo.
Bambrook, A. W., fdrs., Jacksonville, Ill.
Bame & Cardell, contractors, 176 Warren, Albany, N. Y.
Bamford & Smith Co., textile machy., 9 Culver, Providence, R. I.
Bamforth & Co., advtg. post cards, 96 Warren, New York.
Bammerlin, Wm. A., pianos, Massillon, Ohio.
Bammerun, Oscar W., pianos, Massillon, Ohio.
Banar Cork Co., mfrs, 119-121 Water, Pittsburgh, Pa.
Banard, Lawrence, architect, 46 Lawton, New Rochelle, N. Y.
Bancroft & Barnard, mchsts. & fdrs., Gardner, Mass.
Bancroft, Francis W., architect, Bloomfield, N. J.
Bancroft, Fred'k. J., tennis racquet mfr., Pawtucket, R. I.
Bancroft, Jos. & Sons Co., shade cloth mfrs., Wilmington, Del.
Bancroft Textile Co., auto. & furniture binding & gimps, Worcester, Mass.
Bancroft, Wendell & Co., masons' & bldrs.' matls., Reading, Mass.
Banderob-Chase Co., washing mach., Oshkosh, Wis.
Bandler, Bernard, & Sons, carbons, 220 5th av, New York.
Bane & Hoffman, contractors, Joplin, Mo.
Bangert, Valentine, contractor, 34 Orchard, Jamaica, N. Y.
Bangor Brick & Const. Co., Bangor, Me.
Bangor Casket Mfg. Co., Bangor, Pa.
Bangor Granite Co., Bangor, Me.
Bangor Lumber Co., Bangor, Me.
Bangor School Slate Co., Bangor, Pa.
Bangor Stoneware Co., Bangor, Me.
Bangor Structural State Co., Bangor, Pa.
Bangs, C. H., Druggists' Fix. Co., store & bar fixtures, Reading, Mass.
Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
Bangs, Jno. D., & Co., cooking apparatus, 421 S. Wabash av, Chicago, Ill.
Banister, A. W., Co., exhaust & blow piping, 421 Dorchester av, S., Boston, Mass.
Banister Mills, flour, Houston, Va.
Banister & Pollard Co., whol. hdwe. & mill & facty. supplies, 206 Market, Newark, N. J.
Bank Designing Co., architects, Clinton bldg., Columbus, O.
Bank Furn. Co., Dept. H, 16th & Lew, Indianapolis, Ind.
Banker, A. M., contractor, Gloversville, N. Y.
Banker Mfg. Co., door checks & springs, New Brunswick, N. J.
Banker Wind Shield Co., automobile, 5722 Ellsworth av, Pittsburgh, Pa.
Bankers' Ink Co., Kansas City, Mo.
Bankers' Pen Co., 935 B'Way, New York.
Banks Bros., masons' & bldrs.' matls., Biddeford, Me.
Banks Bros. Construction Co., Salt Lake City, Utah.
Banks Bros. Packing Co., meat packers, Norfolk, Va.
Banks, F. S., & Co., protractors, 149 Church, New York.
Banks Hdwe. Co., mill & facty. supplies, Columbus, Miss.
Banks, John H., & Son, assayers, 26 John, New York.
Banks, Robert V., architect, 95 B'way, Brooklyn, N. Y.
Banks Supply Co., mill & facty. supplies, Huntington, W. Va.
Bannantine Galvanized Iron Mfg. Co., 117 Soulard, St. Louis, Mo.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Banner Clay Wks., brick, Edwardsville, Ill.
Banner Coal & Sand Co., masons' & bldrs.' matls., R. I. & Wabash & Euclid, St. Louis, Mo.
Banner Elec. Wks. of Gen. E. Co., incandescent elec. lamps, Youngstown, Ohio.
Banner Iron Works, bldrs.' iron wks., Shaw av & Oak Hill, St. Louis, Mo.
Banner Lumber Co., 7353 Manchester, St. Louis, Mo.
Banner Machine Co., Columbiana, Ohio.
Banner Mfg. Co., aqua ammonia, 373 Adelaide, Detroit, Mich.
Banner Mfg. Co., cradles, Mt. Airy, N. C.
Banner Mfg. Co., pipe couplings, basin calks, 109 Lafayette, New York
Banner Packing Co., Lebanon, Ohio.
Banner Rock Products Co., insul'n. cork, min'l, wool mfrs., Alexandria, Ind.
Banner Roller Mills, Lincolnton, N. C.
Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
Banner Sash & Door Co., 8025 S. B'way, St. Louis, Mo.
Banner Window Glass Co., So. Charleston, W. Va.
Banning Canning Co., Banning, Cal.
Banning, Cooper & Co., pig iron, Oliver Bldg., Pittsburgh, Pa.
Banning, L. G., lumber mfrs., 5th & Main, Cincinnati, Ohio.
Banning, W. E., Stamp & Stencil Wks., Syracuse, N. Y.
Bannister, A. F., & Co., cutlery mfrs., Newark, N. J.
Bannister, Geo. M., & Co., sweaters, etc., 3562 N. Marshall, Philadelphia, Pa.
Bannister Marble & Granite Wks., stone producers, Bristol, Pa.
Bannister & Schell, architects, 339 Lexington av, New York City.
Bannon Lbr. Co., Syracuse, N. Y.
Bannon, Michael E., architect, Fort Madison, Ia.
Bannon, P., Pipe Co., Louisville, Ky.
Bannon P., & Sons, masons' & bldrs.' matls., 129 Richards, Brooklyn, N. Y.
Bansmith, W. P., architect, Gerke bldg., Cincinnati, Ohio.
Banta & Bender Co., incubators & refrigerators, Ligonier, Ind.
Banta, Claude, contr., Elsmere, Del.
Banta Refrigerator Co., Clearfield, Pa.
Bantam Ball Bearing Co., ball, roll & thrust bearings, etc., Bantam, Conn.
Bantel, M., contractor, New Rochelle, N. Y.
Banting Machine Co., Toledo, Ohio.
Bantleon Bros. Co., sashes & doors, 97H Railroad, Rochester, N. Y.
Bantz Bros., wood handles, Hoboken, N. J.
Banzer Bros., lbr., Vader, Wash.
Baraga Lbr. Co., Baraga, Mich.
Baranowitz, M., machsts., 182 Centre, New York.
Barataria Canning Co., Chartres & Mozant, New Orleans, La.
Barbara & D'Aurio, contractors, Waterbury, Conn.
Barbaresi, A., & Son, contractors, Mt. Vernon, N. Y.
Barbeau & Werring, contractors, N. W. Bldg., Minneapolis, Minn.
Barbee Wire & Iron Works, 111 Washington, Chicago, Ill., & Lafayette, Ind.
Barber, A. H., Creamery Supply Co., machsts., 300 W. Austin av, Chicago, Ill.
Barber Asphalt Paving Co., 294 Washington, Boston, Mass., 7 S. Dearborn, Chicago, Ill., & Land Title Bldg., Phila., Pa.
Barber-Bradley Construction Co., 1824 E. 15th, Los Angeles, Cal.
Barber Bros., steam engines, etc., Syracuse, N. Y.
Barber, C. G., advtg. signs, Ithaca, N. Y.
Barber, Chas. L., sash, door & blind mfr., Orange, N. J.
Barber-Colman Co., textile machy., hobbing machy., hobs, milling cutters, etc., Rockford, Ill.
Barber & Co., conveyor chain & lock nuts, 2328 S. Western av, Chicago, Ill.
Barber Donn, architect, 101 Park av, New York.
Barber, Edgar J., architect, Dennison, Ia.
Barber, El., Mfg. Co., switches, North Attelboro, Mass.
Barber-Foster Engineering Co., cranes, Swetland bldg, Cleveland, O.
Barber-Greene Co., belt & portable conveyors, etc., Aurora, Ill.
Barber, G. L., fertilizer mfrs., Jacksonville, Tex.
Barber, H. J., contractor, 560 E. Grand blvd, Detroit, Mich.
Barber, H. S., masons' & bldrs.' matls., Penns Grove, N. J.
Barber, Joel D., architect, Grand Central Terminal, New York.
Barber, J. F., & Co., whol. hdwe., Hazleton, Pa.
Barber Leather Co., North Adams, Mass.
Barber & McMurray architects, Knoxville, Tenn.
Barber, M. A., mchsts. & fdrs., Norwich, Conn.
Barber Mfg. Co., bed springs, Anderson, Ind.
Barber Mfg. Co., cotton webbing, tapes, etc., Lowell, Mass.
Barber Mfg. Co., iron (architectural & ornamental), Ashtabula, Ohio.
Barber Milling Co., flour, 552 Cham. Commerce, Minneapolis, Minn.
Barber, O. C., Mining & Fertilizer Co., Akron, Ohio.
Barber-Paschal Lbr. Co., Maxton, N. C.
Barber & Ross, whol. hdwe., 11th & G., N. W., Washington, D. C.
Barber, T. P., architect, 1st Nat'l Bk. Bldg., Colorado Springs, Colo.
Barber Turpentine Co., Milton, Fla.
Barber, Wm., architect, Story bldg., Los Angeles, Cal.
Barbers' Journal, trade publications, 25 W. 42nd, New York.
Barbey, H. J., canned goods, 220 Front, Portland, Ore.
Barbon Slate Co., Slatington, Pa.
Barbour Bros., machsts., Trenton, N. J.
Barbour Chemical Co., acids barium, 50th av, East Oakland, Cal.
Barbour Chemical Works, 354 Pine, San Francisco, Cal.
Barbour Flax Spinning Co., packing, twine, etc., Paterson, N. J.
Barbour, J. E., Co., linen thread, Paterson, N. J.
Barbour, Love & Woodward, mach. tool dlrs., 149 B'way, New York.
Barbour Silver Co., Meriden, Conn.
Barbour Stockwell Co., mchsts. & fndrs., confectioners' machy., 205 B'way, Cambridge, Mass.
Barbourville Brick & Tile Co., Barbourville, Ky.
Barcalo Mfg. Co., bedsteads, small tools, etc., Buffalo, N. Y.

Barckley, A. J., cornices & skylights, Batavia, Ill.
Barcklow & Fulton, contractors, Camden, N. J.
Barclay, Alex. M., htg. contrs., 113 N. 6th, Philadelphia, Pa.
Barclay, Ayers & Bertsch Co., mill & facty. supplies, Grand Rapids, Mich.
Barclay Bros., granite, Barre, Vt.
Barclay, D., & Sons, blue prints, 1515 Sansom, Philadelphia, Pa.
Barclay, John E., contractor, Norfolk, Va.
Barclay Naval Stores Co. 60 Delevan, Brooklyn, N. Y.
Barclay, W. A., Jr., heating contractors, 314 Pacific av, Jersey City, N. J.
Barco Brass & Joint Co., 226 N. Jefferson, Chicago, Ill.
Barcroft, Fred, machsts., Madera, Cal.
Barcus Bros., saws, Muskegon, Mich.
Barcus, G. F., masons' & bldrs.' matls., Rochester, Ind.
Barcus Mfg. Co., tuyere irons, Wabash, Ind.
Barcy-Nicholson Co., battery connectors, sheet metal stampings, etc., 837 W. Fort, Detroit, Mich.
Bard, Chas. G., mill & facty. supplies, Kalamazoo, Mich.
Bard Hardware Co., hdwe., whol., Reading, Pa.
Bard Mfg. Co., screw machine products, Royersford, Pa.
Bard Union Co., Norwich, Conn.
Bardall, J. C., Co., corn brooms, Moundsville, W. Va.
Barde, M. & Sons, machy. dealers, contrs., loggers & mill supplies, 240 Front, Portland, Ore.
Bardeen Paper Co., see Otsego Coated Paper Co. (successor).
Bardeen Electric & Machinery Co., Houston, Tex.
Barden, Peter, granite, 326 Cranston, Providence, R. I.
Barden & Robeson Corp., carriage hubs, Penn Yan, N. Y.
Bardens & Oliver, lathes, etc., Cleveland, Ohio.
Bardes, E. H., Range & Fdry. Co., Cincinnati, Ohio.
Bardes Phillip, architect, 230 Grand, New York
Bardewyck, R., leather, 150 Nassau, New York.
Bardley, Chas. W., architect, Brown Bldg., Rockford, Ill.
Bardsley Bros. Co., elevator gates, doors, etc., 151 Baxter, New York.
Bardwell-Robinson Co., sashes, doors & blinds, 24th, av N, & 2d, Minneapolis, Minn.
Bareis, Geo. F., sash, doors & blinds, Canal Winchester, Ohio.
Barenfanger, C. W., Carriage Wks., Evansville, Ind.
Barfield, Wm. G., architect, 58 W. Washington, Chicago, Ill.
Barge & Lighter Repair Co., shipyard, dry dock & machine shops, ft. of Henderson, Jersey City, N. J.
Bargelt & Son, cornices, Hanover, Pa.
Bargman, Ewald F., architect, 1408 Jarvis av, Chicago, Ill.
Bariffi, Martin, architect, 746 Chapel, New Haven, Conn.
Barili, Alfredo, Jr., architect, Forsyth bldg., Atlanta, Ga.
Baringer, M. F., mill, dairy & corn feed, Bourse, Phila., Pa.
Bario Metal Corp., acid resisting, elec. metal furnaces, 167 W. 18th, New York.
Bark River Bridge & Culvert Co., Bark River, Mich.
Bark, Victor, Jr., architect, 505 5th av, New York
Barkelew Elec. Mfg. Co., cut-outs, machsts., Middletown, Ohio.
Barker, A. Iron Co., scrap iron & rubber, Springfield, Ill.
Barker-Bond Lbr. Co., 405 Lexington av, New York.
Barker, C. L., engines, Norwalk, Conn.
Barker, Chadsey & Co., wholesale hwde & mill & facty. supplies, 38 Westminster, Providence, R. I.
Barker Chemical Co., Inglis, Fla., & Savannah, Ga.
Barker & Co., lumber, 53 State, Boston, Mass.
Barker, F. H., flour, High Point, N. C.
Barker, Frank M., flour mills, Mendota, Va.
Barker, Fred, fndr., Paterson, N. J.
Barker, Fred. K., Lumber Co., lumber mfrs. & wholesalers, Everett, Wash.
Barker, G. S., & Son, mchsts., fndrs., Scranton, Pa.
Barker, Geo. M., masons' & bldrs.' matls., 649 New York av, N. W., Washington, D. C.
Barker, H. & Co., starch mfrs., Chamber of Commerce, Boston, Mass.
Barker, H. J., & Co., sheet metal stamping, 101 N. Jefferson, Chicago, Ill.
Barker, Henry, & Co., canned goods, Millsboro, Del.
Barker, Jas., castings, grate bar mfrs., etc., 6th & Cayuga, Philadelphia, Pa.
Barker-Jennings Hardware Co., Lynchburg, Va.
Barker, John W., contr., Maywood, Ill.
Barker Lumber Co., Milford, Me.
Barker Mfg. Co., machsts. & fdrs., David City, Neb.
Barker, Rose & Clinton Co., wholesale hwde., Elmira, N. Y.
Barker, Russell F., architect, 43 Ann, Hartford, Conn.
Barker, S. G., & Son, gray iron castings, Scranton, Pa.
Barker-Sweet Mfg. Co., file & rasp mfrs., 220 N. Y. av, Jamaica, N. Y.
Barker, W. P., masons' & bldrs.' matls., Batavia, Ill.
Barker, Wm., & Co., machsts., & screw cutting lathes, Wheeler & Pleasant av, Cincinnati, Ohio.
Barker, Wm., & Co., metal shaking machy., Covington, Ky.
Barker, Wm. G. Co., lumber, 141 Milk, Boston Mass.
Barkhausen, Carl, architect, 408 Iron block, Milwaukee, Wis.
Barkhausen, Henry A., masons' & bldrs.' matls., Green Bay, Wis.
Barkhorn, Wm. H., Co., sash, door & blind mfrs., 22 Sayre, Newark, N. J.
Barkley, A., Canning Co., Carlyle, Ill.
Barkley, N. Smith, contractor, 1324 W. 5th, Wilmington, Del.
Barkman, Geo., architect, Hamilton, Ohio.
Barler, A. C., Mfg. Co., document boxes, 341 E. Ohio, Chicago, Ill.
Barleson, Jas. A., contractor, Ambler, Pa.
Barley Mfg. Co., auto. bldrs., Kalamazoo, Mich.
Barley Motor Car Co., Streator, Ill.
Barley & Spencer Lbr. Co., Marion, Ind.
Barley, Thos. K., agricultural implements, mill & facty. supplies, Sedalia, Mo.
Barley, W. P., canned gds., Buchanan, Va.
Barlow, A. G. & Son, lumber, Westford, Conn.
Barlow Bros., R. R. stationery, Grand Rapids, Mich.
Barlow Bros., belting mfrs., 543 N. 64th, Philadelphia, Pa.
Barlow Bros., contractors, 614 Fellows av, Syracuse, N. Y.
Barlow Bros. Co., cornices & skylights, Waterbury, Conn.
Barlow Co., mchsts. & fdrs., advertising nov. & spec., Holyoke, Mass.
Barlow & Co., steam fitters' supplies, Ossining, N. Y.
Barlow, Edwin T., architect, North Adams, Mass.
Barlow Fndry. Co., 551 N. J. R. R. av, Newark, N. J.
Barlow Hardware Co., Corry, Pa.
Barlow, John W., Co., mill & facty. supplies, textile machy., Lawrence, Mass.
Barlow & Kent Co., carpet beaters, Urbana, Ohio.
Barlow, M. C., contractor, Columbus, Ga.
Barlow & Seelig Mfg. Co., clothes washing machines, Ripon, Wis.
Barlow, W. F., Jr., architect, Brockton, Mass.
Barlum, Jno. J., meat packers, 319 Lincoln av, Detroit, Mich.
Barlum, Thos. & Sons, meat packers, 354 Grand River, Detroit, Mich.
Barnaby, C. H., lbr., Greencastle, Ind.
Barnard, Arthur H., lumber, 206 Lumber Ex., Minneapolis, Minn.
Barnard, B. S., & Co., undergd. conduit tools, 50 Church, New York.
Barnard, Chas. A., woodworking machy., 210 Main, Gardner, Mass.
Barnard, Cope, Mfg. Co., Dept. H, 4th & Second av, N. E., Minneapolis, Minn.
Barnard, Edw., Co., harness mfrs., Rome, N. Y.
Barnard, F. A., & Son, printing inks, 529 S. Dearborn, Chicago, Ill.
Barnard, Geo. A., cornices, Worcester, Mass.
Barnard, Geo. D., & Co., handcuffs, etc., Laclede & Vandeventer, St. Louis, Mo.
Barnard, H. B., contractors, 140 S. Dearborn, Chicago, Ill.
Barnard, Houston, contractor, Rochester, N. Y.
Barnard, John, architect, 8 Beacon, Boston, Mass.
Barnard & Leas Mfg. Co., mchsts. & fndrs., & mill & facty. supplies, Moline, Ill.
Barnard Machinery Co., Enterprise, Kans.
Barnard Mfg. Co., mill & facty. supplies, Spokane, Wash.
Barnard, Porter & Remington, plate glass, Rochester, N. Y.
Barnard Stamp Co., 311 Olive, St. Louis, Mo.
Barnardi Walter A., architect, Dime Bank bldg., Detroit, Mich.
Barner-Mead Lumber Co., 1962 E. 107th, Cleveland, Ohio.
Barnes, A. S., contractor, 215 W. 7th, Los Angeles, Cal.
Barnes, Allen L., architect, 37 W. Van Buren, Chicago, Ill.
Barnes, Almond W., soap, 32 Eagle, Brooklyn, N. Y.
Barnes, Amos W., architect, 1507 Arch, Phila., Pa.
Barnes Bros., contractors, Logansport, Ind.
Barnes Bros., poultry supplies, Wellsville, N. Y.
Barnes, Chas., Co., machsts., 55 Main, Cincinnati, Ohio.
Barnes Drill Co., Rockford, Ill.
Barnes, E. H., Co., box shooks, 61 B'way, New York.
Barnes, F. C., Co., canned goods, Worcester Bldg., Portland, Ore.
Barnes, F. G., lumber, Silver Lake, Wash.
Barnes, Geo. H., elec. fixtures, 79 B'way, Detroit, Mich.
Barnes, H. N., contractor, South Bend, Ind.
Barnes, Harry A., contractor, Logansport, Ind.
Barnes, Henry K., Co., leather belting, mill & fire department supplies, 234 Devonshire, Boston, Mass.
Barnes & Irving, Inc., dealers electrical & steel mill supplies, Syracuse, N. Y.
Barnes, J. A., Mach. Co., Oshkosh, Wis.
Barnes, James I., contractor & masons' & bldrs.' matls., Logansport, Ind.
Barnes-Lindsley Mfg. Co., wood cross arms, Portland, Ore.
Barnes Mfg. Co., agricultural implements, Lanesboro, Pa.
Barnes Mfg. Co., pumps, Mansfield, Ohio.
Barnes Mfg. Co., sashes, doors & blinds, W. End, Jersey City, N. J.
Barnes Mfg. Co., washing mach., Susquehanna, Pa.
Barnes & Mixner, contractors, Bridgeton, N. J.
Barnes National Ink Co., 222 N. 5th, Philadelphia, Pa.
Barnes & Nuss Co., wholesale hdwe., Grand Forks, N. D.
Barnes Paper Mills, Rochester, Mich.
Barnes, Roderic B., architect, 70 5th av., New York
Barnes-Ross Co., match safes, Indianapolis, Ind.
Barnes, Rudolph & Co., wall paper, York.
Barnes Safe & Lock Co., bank vaults, 941 Liberty, Pittsburgh, Pa.
Barnes Safe & Vault Co., 1219 E. Main, Richmond, Va.
Barnes, Sam'l W., & Son, htg. contrs., 2104 N. 6th, Phila., Pa.
Barnes Sand & Gravel Co., Portsmouth, Ohio.
Barnes, T. M., bank railings, Bridgeport, Conn.
Barnes Tool Co., machsts., New Haven, Conn.
Barnes & Tucker Co., bituminous coal mine, Harrison bldg., Phila., Pa.
Barnes & Van Bergen, contractors, Elizabeth, N. J.
Barnes W. E., Inc., hdwe., Memphis, Tenn.
Barnes, W. F., & John, Co., mchsts. & fndrs., Rockford, Ill.
Barnes, W. O. & Co., saws & saw blade mfrs., 1216 Beaubien, Detroit, Mich. *See adv index at end of book*
Barnes, W. S., common brick, Onarga, Ill.
Barnes, The Wallace Co., flat & wire springs of every description, special screw machine products, stampings & washers, cold rolled spring steel, etc., 18 Wallace, Bristol, Conn. *See adv index at end of book.*
Barnes, Winfield S., & Co., steel struct. wk., 20th & Erie av, Philadelphia, Pa.
Barnes Wire Fence Co., partition & wire enclosures, 1930 Ferry Park av., Detroit, Mich.
Barnesville Mfg. Co., woolen blankets, Barnesville, W. Va.
Barnett Auto Body Co., 425 Golden Gate, San Francisco, Cal.
Barnett & Brown, janitors' supplies, 162 Pearl, New York.
Barnett Drop Forging Co., Easthampton, Mass.
Barnett, F. B., contractor, Frankfort, Ind.
Barnett Fdry. & Machy. Co., Irvington, N. J.
Barnett, G. & H., Co., file & rasp mfrs., 1076 Frankford av, Philadelphia, Pa.
Barnett, G. W., Hardware Co., Montgomery, Ala.
Barnett, Haynes & Barnett, architects, Century Bldg., St. Louis, Mo.
Barnett, Ira, fountain pens, pencils, 61 Beekman, New York.
Barnett, J. A., canned goods, Westminster, S. C.
Barnett, John, blower mfrs., Rochester, N. Y.
Barnett Lumber Co., Birmingham, Ala.
Barnett & Record Co., contractors, Duluth & Minneapolis, Minn.
Barnett, T. P., Co., architects, Arcade bldg, St. Louis, Mo.
Barnett, Wm., & Sons, starch mfrs., 730 S. Broad, Phila., Pa.
Barnewolt Construction Co., Peoria, Ill.
Barney-Ahlers Constr. Corp., 110 W. 40th, New York.
Barney, Chas J., contractor, Wilkes-Barre, Pa.
Barney & Colt, architects, 40 W. 38th, New York.
Barney, H. M., tubular boilers, Petrolia, Pa.
Barney, John M., architect, 250 W. 108th, New York.
Barney, M. C., & Son, stone producers, Flint, Mich.
Barney Marble Wks., Swanton, Vt.
Barney, Morgan, naval architect, 187 Greenwich av, Dayton, O.
Barney & Smith Car Co., ry. freight & passenger cars, Dayton, O.
Barney Ventg. Fan Wks., 25 Haverhill, Boston, Mass.

Barnham & Hofmann, architects, 530 E. Main, Richmond, Va.
Barnhart Bros. & Spindler, metal type fndrs., 32 Throop, Chicago, Ill.
Barnhart-Davis Co., mchsts. & fndrs., Warren, Pa.
Barnhill, J. F., turpentine, Homerville, Ga.
Barnicoat, Fred, granite, S. Quincy, Quincy, Mass.
BARNSTEAD MFG. CO., mfgs. of stills and sterilizers, 62 Washington, North, Boston, Mass.
See adv index at end of book.
Barnstead Still & Sterilizer Co., stills & sterilizing apparatus mfrs., Boston 30, Mass.
See adv index at end of book.
Barnum Bros. Co., mill & facty. supplies, Troy, N. Y.
Barnum, E. T., Iron & Wire Works, 4612 Woodward av., Detroit, Mich.
Barnum-Richardson Co., mchsts. & fdrs., Lime Rock, Conn.
Barnum, S. H., archl. iron, New Haven, Conn.
Barnum Trunk Co., 804 Nicollet, Minneapolis, Minn.
Barnum, Wm. T., arch'l photographers, 732 Federal, Chicago, Ill.
Barnwell & Barnwell, architects, Hamilton Natl. Bk. Bldg., Chattanooga, Tenn.
Barnwell, C. P., Contracting Co., 398 14th, Buffalo, N. Y.
Baron, Carol F., architect, 1365 Pembroke, Bridgeport, Conn.
Barr, A. B., & Co., steam htg. contrs., Yonkers, N. Y.
Barr, Andrew, common brick, Urbana, Ill.
Barr Bros. Co., needles & knives, Oakland, Cal.
Barr, C. D., flour, lbr., Leesville, S. C.
Barr Chemical Co., gelatine, glue, etc., 255 Douglas, Brooklyn, N. Y.
Barr Clay Co., brick, Streator, Ill.
Barr & Creelman Co., mill & facty. supplies, Rochester, N. Y.
Barr-Holaday Lbr. Co., Louise, Miss.
Barr, J. E., Pickling & Preserving Co., canned goods, St. Cloud, Minn.
Barr, J. Toner, contractor, 1600 Princess av, Pittsburgh, Pa.
Barr, John, masons' & bldrs.' matls., Ogdensburgh, N. Y.
Barr, John F., contr., 3447 Indiana av, Chicago, Ill.
Barr, L. L., cornices & skylights, Greenville, S. C.
Barr, N. W., lumber, Houston, Ohio.
Barr, Newton L., mchsts. & fndrs., Elba, N. Y.
Barr, Peter, stone producers, Shamokin, Pa.
Barr, T. M., cornices & skylights, Salem, Ore.
Barr, Thaw & Fraser Co., stone, Hoboken, N. J.
Barr, W. B., Co., contractors, 805 B'way, Cincinnati, Ohio.
Barr, W. L., lumber, Greenfield, Ohio.
Barralough, G. F., contr., East St. Louis, Ill.
Barre D. M. Paper Co., Roaring Springs, Pa.
Barre, Ferdinand, reinf. concrete steel const., Equitable Bldg., Baltimore, Md.
Barre Granite & Quarry Co., Barre, Vt.
Barre Medium Granite Co., Barre, Vt.
Barrel & Box. trade publications, 537 S. Dearborn, Chicago, Ill.
Barrell, Wm. L., Co., canvas goods mfrs., 8 Thomas, New York.
Barrett Adding Machine Co., Bulletin Bldg., Philadelphia, Pa.
Barrett Bindery Co., loose leaf devices, 732 Federal, Chicago, Ill.
Barrett Bros., mchsts. & fdrs., 43 Haverhill, Boston, Mass.
Barrett, C. T., architect, Logan, Utah.
Barrett Changer Co., counting machines, 36 S. State, Chicago, Ill
Barrett Chemical Co., insecticides, 233 37th, Brooklyn, N. Y.
Barrett, Christie Co., mill & factory supplies, 37 S. Clinton, Chicago, Ill.
Barrett Co., chemicals, paints & roofing mfrs., 17 Battery pl, New York.
Barrett-Cravens Co., elevating trucks, 169 N. Ann, Chicago, Ill.
Barrett, Denton & Lynn Co., flour, Dalton, Ga.
Barrett, Fred L., architect, 910 S. Michigan av., Chicago, Ill.
Barrett Fruit Kitchen, canned, Newark, N. J.
Barrett, Geo. O., Co., contrs., Atlanta, Ga.
Barrett Hardware Co., Joliet, Ill.
Barrett-Hicks Co., cornices & skylights, Fresno, Cal.
Barrett, J. S., Lbr. Co., Mobile, Ala.
Barrett, James A., architect, Real Estate bldg, Scranton, Pa.
Barrett, Jas., Mfg. Co., plumbing supplies & specialties, 117 Pearl, Boston, Mass.
Barrett, Jas., & Son, masons' & bldrs.' matls., Doylestown, Pa.
Barrett, Jas. T., contractor, Cambridge, Mass.
Barrett Line, ship bldrs, Cincinnati, Ohio.
Barrett, M. L., & Co., bronze powders & liquids; lacquer mfrs., 233 W. Lake, Chicago, Ill.
Barrett Mach. Tool Co., machsts., Meadville, Pa.
Barrett Motor Starter Co., 1777 B'way, New York
Barrett, Robert W., contractor, Hartford, Conn.
Barrett, Roswell F., architect, 8 W. 33d, New York
Barrett Sales Co., expansion bolts, etc., 568 W. Washington blvd., Chicago, Ill.
Barrett, Thos. A., architect, Eaton, Ohio.
Barrett Varnish Co., 233 W. Lake, Chicago, Ill.
Barrett, W. C., & Bro., curtain rods & hardware mfrs., 603 N. La Salle, Chicago, Ill.
Barrett, W. E., Co., whol. hdwe., 89 Canal, Providence, R. I.
Barrett, W. L., glass cutters' & soldering sets, mfrs., Bristol, Conn.
Barrett & Wall, steam htg. contrs., 40 Allyn, Hartford, Conn.
Barrett, Wm., contractor, 27 Hunneman, Boston, Mass.
Barrick, S. W., & Son, lime, Woodsboro, Md.
Barringer, Wm. C., cornices, Decatur, Ill.
Barrington Steam Brick Co., 10 Weybosset, Providence, R. I.
Barris-Kenyon Co., whol. hdwe. & mill & facty. supplies, Pittsfield, Mass.
Baron, Carol F., architect, 1365 Pembrooke, Bridgeport, Conn.
Barron, Jas. S., & Co., whol. hdwe., 221 W. B'way, New York.
Barron Red Pressed Brick Co., Barron, Wis.
Barron Woolen Mill Co., woolen blankets, Barron, Wis.
Barrott, E., & Son, masons' & bldrs.' matls., Lawrenceburg, Ind.
Barrow, A. G., Laboratories Co., chemists, Memphis, Tenn.
Barrow, J. K., lbr., Zebulon, N. C.
Barrow-Scott Milling Co., flour, Bristol, Tenn.
Barrow, W. B., contractor, Raleigh, N. C.
Barrows, Chas. S., architect, 344 East av, Rochester, N. Y.
Barrows, Geo. A., Lime Co., Denver, Colo.
Barrows, H. F., & Co., silver nov., N. Attleboro, Mass.
Barrows Lock Co., metal nov. & specialties, Lockport, Ill.
Barrows Mfg. Co., cordage & twine mfrs., Lansdale, Pa.
Barrows, Robert Y., architect, 10 E. 43d, New York
Barrus, Geo. H., consulting htg. engrs., Pemberton Bldg., Boston, Mass.
Barry, Bert B., second-hand railroad equip., Peoples Gas Bldg., Chicago, Ill.
Barry Co., mchsts. & fndrs., Muscatine, Iowa.
Barry, David J., contractor, 64 E. Manning, Providence, R. I.
Barry, E. J., paris green, 29 Cliff, New York.
Barry & Henneberger, masons' & bldrs.' matls., Paducah, Ky.
Barry & McAlister, horse collars, 233 Race, Philadelphia, Pa.
Barry Mfg. Co., filing machines, 515 W. Monroe, Chicago, Ill.
Barry, Smith & Withers, architects, Paris, Tex.
Barry-Wehmiller Machinery Co., bottles, machy. & supplies, 4660 Florissant av, St. Louis, Mo.
Barry-Wehmiller Mchy. Co., mill & facty. supplies, Ft. Worth, Tex.
Barry, Wm. E., architect, Kennebunk, Me.
Barry, Wm. J., contractor, 439 Ashland, Boston, Mass.
Barry & Zecher Co., machinists, Lancaster, Pa.
Barschi, Harry, ash cans, 209 E. 144th, New York.
Barse, C. V. B. Co. See Olean Hdwe Co. (successors).
Barshal Steel Equipment Co., filing cabinets, bank fixtures, bronze signs, tables, etc., 2031 Euclid av, Cleveland, O.
Barstow, J. P., & Co., steam fitters' supplies, Norwich, Conn.
Barstow Stove Co., combination heaters, 116 Point, Providence, R. I.
Barstow, W. S., & Co., Inc., contractors, 50 Pine, New York.
Bartberger, C. M., & Son, architects, Westinghouse bldg, Pittsburgh, Pa.
Bartelmann, R. W., Co., sash, door & blind mfrs., 910 Weed, Chicago, Ill.
Bartelme Co., lumber, National Life bldg, Minneapolis, Minn.
Bartelstone Bros., plate glass, 4179 3d av, New York.
Bartenslager, J. H., fertilizer mfrs., Stewartstown, Pa.
Barth, A. H., Sr., boxes—rural, mail, Lamar, Mo.
Barth, Herman, architect, Phelan bldg, San Francisco, Cal.
Barth, Jas. H., trunk mfr., 449 E. Water, Milwaukee, Wis.
Barth, John, contr., Evansville, Ill.
Barth, L., & Son, hotel & kitchen furnishings, H. Cooper Square, New York
Barth Mfg. Co., lifting jacks, 350 Milwaukee, Milwaukee, Wis.
Barthel, Bernard, brewery archt., 127 N. Dearborn, Chicago, Ill.
Barthold Builders' Supply Co., Houston, Tex.
Barthold & Casey. See Barthold Builders' Supply Co. (successor).
Bartholomael, Max, Son & Co., contractors, 466 Warren av, Detroit, Mich.
Bartholomew Co., auto. bldrs., mchsts. & fndrs., Peoria, Ill.
Bartholomew & Co., cornices & skylights, Michigan City, Ind.
Bartholomew, Edw. W., Lbr. Co., Buffalo, N. Y.
Bartholomew, H. M., architect, 39 E. Grant, Lancaster, Pa.
Bartholomew, M. L., floor plates, Phoenixville, Pa.
Bartholomew, Paul A., architect, Greensburg, Pa.
Bartholomew, R. C., lbr. mfs., Springfield, Mass.
Bartholomew Roofing Co., Memphis, Tenn.
Bartle, A. C., Lumber Co., Newark, N. Y.
Bartle Bros., stone, Plainfield, N. J.
Bartle, H. J., Mfg. Corp., tent, etc., mfrs., Troy, N. Y.
Bartlesville Supply Co., mill & facty. supplies, Bartlesville, Okla.
Bartlesville Vitrified Brick Co., Bartlesville, Okla.
Bartlesville Zinc Co., 61 B'way, New York.
Bartlett, A. F., & Co., mchsts. & fndrs., Saginaw, Mich.
Bartlett, A. L., Co., masons' & bldrs.' matls., Rockford, Ill.
Bartlett Box & Lumber Co., Westboro, Mass.
Bartlett Bros. Co., htg. contrs., regulators, etc., 178 Huron, Cleveland, Ohio.
Bartlett, C. O. & Snow Co., agrlt. implts., conveying machy., crushers, dryers, etc., French, Cleveland, Ohio
See adv index at end of book.
Bartlett & Co., masons' & bldrs.' matls., Binghamton, N. Y.
Bartlett & Dow Co., wholesale hdwe. & mill & facty supplies, Lowell, Mass.
Bartlett, E. E., machy., 326 A, Boston, Mass.
Bartlett, Edw., contractor, Watertown, Wis.
Bartlett, Edwin E., metal working mach'y, Nashua, N. H.
Bartlett Excelsior Co., excelsior, Melvin Mills, N. H.
Bartlett, Geo. M., architect, 103 Park av., New York.
Bartlett Hayward Co., mfrs. tanks, stoves, etc., Scott & McHenry, Baltimore, Md.
Bartlett, Herbert F. J., architect, Caldwell, N. J.
Bartlett, J. B. C., Iron Wks., 229 W. 36th, New York.
Bartlett, J. E. Co., masons' & bldrs.' matls., Jackson, Mich.
Bartlett, Joseph F., sash, door & blind, Turners Falls, Mass.
Bartlett, L. D. & Son, rakes—garden or lawn, etc., South Tamworth, N. H.
Bartlett Lbr. Co., Shelldrake, Mich.
Bartlett & McFarlane, masons' & bldrs.' matls., Waterloo, Ia.
Barlett Mfg. Co., pruning tools, tinners' siips, shears, 428 E. Lafayette av, Detroit, Mich.
Bartlett Mill Co., lumber, Machias, Wash.
Bartlett, O. L., butchers' blocks, Mound City, Ill.
Bartlett, R. R., architect, Astoria, Oreg.
Bartlett, Sam'l L., architect, Endicott bldg, St. Paul, Minn.
Bartlett, W. Orrin, architect, 738 Broad, Newark, N. J.
Bartlett, W. S., lbr., South Kingston, N. H.
Bartlett, W. T. S., machy. dealer & mill & facty. supplies, Lowell, Mass.
Bartlett, W. W., window screens, Leominster, Mass.
Bartley Bros. & Hall, horse clippers, 50 Warren, New York.
Bartley Graphite Products Co., 50 Church, New York.
Bartley, Jonathan, Crucible Co., crucible phosphorizers & plumbago stoppers, Trenton, N. J.
Bartley-Kennedy Co., heating contrs., 224 3d av, Pittsburgh, Pa.
Bartley Mfg. Co., bags & bagging, 261 South, New York.
Bartley, R. C., Co., mchsts. & fndrs., Bartley, N. J.
Bartley, Wm. & Sons, mchsts. & fndrs., Bartley, N. J.
Bartlum, Geo. L., sponges, Key West, Fla.
Barton & Bro., flour mills, Summers, Ark.
Barton, C. B., architect, 1st Trust & S. B. Bldg., Oakland, Cal.
Barton Coal Co., Rockefeller bldg, Cleveland, O.
Barton County Flour Mills Co., Great Bend, Kans.
Barton, Cyrus, masons' & bldrs.' matls., Lowell, Mass.
Barton, Durstine & Osborn (advertising counsellors), 25 W. 45th, New York
Barton, F. C., tapes, braids, webbings, etc., 65 Worth, New York.
Barton, Francis M., Co., architects, 304 S. Wabash av, Chicago, Ill.
Barton, Geo. H. W., cornices & skylights, Bath, Me.
Barton, George Edward, architect, Consolation House, Clifton Springs, N. Y.
Barton, Harry, architect, Greensboro, N. C.

Barton, H. H. & Son Co., flint paper, 109 S. 3d, Philadelphia, Pa.
Barton & Hite, contractors, Sacramento, Cal.
Barton, J. E., sash, door & blind, Anderson, S. C.
Barton, Jno. W., steam traps, 2707 Vestry av, Cleveland, Ohio.
Barton Lumber & Brick Co., Jonesboro, Ark.
Barton Mfg. Co., rubber stamps, 87 Duane, New York.
Barton Salt Co., Hutchinson, Kans.
Barton Spider-Web System, contrs., Kimball bldg., Chicago, Ill.
Bartsch, August, flour mills, Paris, Ark.
Bartsch, Valentine, glass stainers, Roslindale, Boston, Mass.
Bartz, Jno. J., steel structural wk., 249 15th, Milwaukee, Wis.
Barwel Spec. Co., advtg., Canton, Ohio.
Barwick Investment & Const. Co., Fullerton bldg, St. Louis, Mo.
Barwise, N. C., Packing Co., Denver, Colo.
Barwood, L. J., Mfg. Co., washers, gaskets & packings from leather, felt, fibre, cork, asbestos, paper, etc., Stoneham 80, Boston, Mass. *See adv index at end of book.*
Bashche-Sage Hardware Co., Baker, Ore.
Bascom & Co., mchsts. & fndrs., Troy, N. Y.
Bascom, D. C., masons' & bldrs.' matls., Ticonderoga, N. Y.
Basford, Ereckson & Co., cornices & skylights, 8018 Germantown av, Chestnut Hill, Phila., Pa.
Bash, C. E. & Co., masons' & bldrs.' matls., Huntington, Ind.
Bash, S. & Co., fertilizer mfrs., Fort Wayne, Ind.
Bashford, E. A., ties, poles & posts, Peebles, O.
Bashlin Co., steam, gas & water valve mfrs., Warren, Pa.
Basic Mfg. Co., lbr., Wilmington, Del.
BASIC MINERAL CO. (foundry fluxes & fluorspars), Box 276, N. S., Pittsburgh, Pa.
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Basic Products Co., dolomite, Oliver bldg., Pittsburgh, Pa.
Baskerville & Jones, flour mills, Champe, Va.
Basket Importing Co., 119 W. 23d, New York.
Baskin Lumber Co., Baskin, La.
Basman, A. M., & Co., cornices, 468 Fort W., Detroit, Mich.
Basnight, J. S., hdwe., Newbern, N. C.
Bason, Wm. & Son, contractors, Sayville, N. Y.
Bass Bros., mill & facty. supplies, 82 Walker, New York.
Bass, E. & J., silver novelties, 610 B'way, New York.
Bass, E. L. & Bros., contrs., 708 Bainbridge, Richmond, Va.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bass Furn & Carpet Co., Dept. H, Oklahoma, Okla.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Bass, Jos., wash boilers, 239 Race, Philadelphia, Pa.
Bass, Knowlton & Graham, architects, Hume-Mansur bldg, Indianapolis, Ind.
Bass, Knowlton, Graham & Reynolds, Kennedy bldg, Tulsa, Okla.
Bass & Pettigrew Timber Co., Morgan City, La.
Bass, Sam'l M., 38 Belleville av, Newark, N. J.
Bass, Smith Co., canned goods, Litwalton, Va.
Basse, Wm., Hardware Co., San Antonio, Tex.
Bassemir, John, & Son, machsts., 87 Frankfort, New York.
Bassett, A., Iron & Wire Wks. 42 Walworth, Brooklyn, N. Y.
Bassett & Courtney, brick, Beaver City, Ind.
Bassett, D. M., Bolt Wks., Shelton, Conn.
Bassett, David B., architect, 418 Perry bldg, Phila., Pa.
Bassett, E. C., bob sleds, farm wagons, Sterling, Ill.
Bassett Jewelry Co., silver novelties, 36 Garnet, Providence, R. I.
Bassett, Josiah G., common brick, Bridgewater, Mass.
Bassett, O. T. & Co., masons' & bldrs.' matls., El Paso, Tex.
Bassett Pattern Wks., 62 Central av, Cincinnati, Ohio.
Bassett, Robt. N., Co., corset wire, 220 5th av, New York.
Bassett Rose Supply Co., contrs., tools & mill & facty. supplies, 111 Market, Pittsburgh, Pa.
Bassett, Walter, soap, Taunton, Mass.
Bassford, E. P., & C. A., architects, Gilfillan blk., St. Paul, Minn.
Bassick Co., cabinet & auto hdwe., 38 Austin, Bridgeport, Conn.
Basseck Mfg. Co., auto lubricators, 361 W. Superior, Chicago, Ill.
Bassick, N. C., & Sons, granite, South Thomaston, Me.
Bassill, Louis, Co., mchsts. & fdrs., 100 Utica, Boston, Mass.
Bassindale, Lambert, architect, Capital Bk. Bldg., St. Paul, Minn.
Bassman & Oislander, scrap lead, brass, zinc, tin, 217 Front, New York.
Bast, T. W., architect, Sedalia, Mo.
Bast, W. H., architect, 2227 Sycamore, Terre Haute, Ind., & Afton, Okla.
Bastian-Blessing Co., safety devices, carbonators, etc., 125 W. Austin av, Chicago, Ill.
See adv. index at end of book.
Bastian Bros. Co., advertising novelties, signs, etc., Rochester, N. Y.
Bastian-Morley Co., water htrs., La Porte, Ind.
Bastress, D. G., architect, Sharon, Pa.
Bastress, J. N., & Co., contractors, Scranton, Pa.
Bastrop Cotton Oil Co., Bastrop, La.
Baszanger, carbons, 65 Nassau, New York.
Bataille, Achille & Co., bank railings, 587 Hudson, New York.
Batavia Brass & Iron Novelty Wks., oil can faucets, Batavia, N. Y.
Batavia Canned Goods Co., Batavia, N. Y.
Batavia Clamp Co., Batavia, N. Y.
Batavia Engineering Works, mchsts. & fdrs., Batavia, Ill.
Batavia Foundry Co., Batavia, Ohio.
Batavia Machine Co., bean separators, Batavia, N. Y.
Batavia & N. Y. Wood-Working Co., Batavia, N. Y.
Batavia Rubber Co., Batavia, N. Y.
Batavia Specialty Co., sheet metal stamping & tin cans, Batavia, N. Y.
Batchelder & Collins, masons' & bldrs.' matls., Norfolk, Va.
Batchelder, E. J., Co., Inc., granite, Barre, Vt.
Batchelder-Gallant Co., plugs, 106 Ferdinand, Boston, Mass.
Batchelder, R. C., mason's mat'ls., Albany, N. Y.
Batchelder & Snyder Co., meat packers, 55 Blackstone, Boston, Mass.
Batchelder-Wasmund Co., stone producers, 716 W. Jefferson av, Detroit, Mich.
Batcheller, E. S., & Co., wholesale hdwe & mill facty. supplies, Gloversville, N. Y.
Batchelor Timber Co., lbr. mfrs., Saginaw, Mich.
Batdorf & Co., brick, Burlington, Kans.
Bate, A. & Son, stone producers, Bay City, Mich.
Bate Boiler Efficiency Co., flue cleaners, Conshohocken, Pa.
Bate, Wm. T., & Son, machts. & fdrs., Conshocken, Pa.

Batalle & Renwick, chemicals, 80 Maiden la, New York.
Bateman, C. J., architect, 15 Exchange, Boston, Mass.
Bateman, J. B., Jr., lumber, Whitney Bldg., New Orleans, La.
Bateman, J. Paul, Co., auto. wood bodies, Bridgeton, N. J.
Bateman, John J., & Sons, contrs., 5138H Wayne av, Phila., Pa.
Bateman Mfg. Co., agricultural implements, Grenloch, N. J.
Bateman, W. M., contractor, Lexington, Ky.
Bates, A. B., Co., machsts., Oakland, Me.
Bates & Bacon, cigar cutters, Attleboro, Mass.
Bates, Borland & Ayer, contractors, Crocker Bldg., Oakland, Cal.
Bates Bros., Co., bank messengers' wallets, Athol, Mass.
Bates, C. E., Co., canned goods, Blanchester, Ohio.
Bates, C. J., & Son, manicure sets, Chester, Conn.
Bates, Chas. F., & Co., soap, Wollaston, Mass.
Bates, Chas. W., architect, Bd. of Tr. Bldg., Wheeling, W. Va.
Bates, Chas. W., contractor, Youngstown, Ohio.
Bates & Clark Co., contractors, Seattle, Wash.
Bates & Culley, organs, 1740 S. 19th, Philadelphia, Pa.
Bates, Delos, lbr. mfrs, Madison, Ohio.
Bates, E. E. & J. H., well curbing, Arlington, Providence, R. I.
Bates, E. V., Mach. Co., Lowell, Mass.
Bates & Edmonds Motor Co., mchsts. & fdrs., Lansing, Mich.
Bates, Edw., Co., steamfitters' supplies, Syracuse, N. Y.
Bates Elev. Co., 211 Preston, Baltimore, Md.
Bates Expanded Steel Truss Co., linemen's climbers, steel poles, 208 S. La Salle, Chicago, Ill.
Bates & Gamble, architects, Close Realty Bldg., Toledo, Ohio.
Bates, Geo. A., & Son, mchsts. & fdrs., Fall River, Mass.
Bates, H. C., architect, Berlin, N. H.
Bates, H. G., canned goods, Blanchester, Ohio.
Bates & How, architects 542 5th av, New York.
Bates, Howard M., soap, 1140 Fairmount av, Philadelphia, Pa.
Bates-Hundnell-Jetton Co., contrs., Tampa, Fla.
Bates, J. B., flour mills, McQuady, Ky.
Bates, J. E., & Co., rubbers, boots & shoes, 202 Church, New York.
Bates, John S., granite producers, Norwalk, Conn.
Bates, L. L. & Co., safe deposit locks, 150 Portland, Boston, Mass.
Bates Mach. Co., Joliet, Ill.
Bates Mfg. Co., machsts., numbering mach., Orange, N. J.
Bates, Orson C., lumber mfrs., Point Rock, N. Y.
Bates & Rogers Construction Co., 37 W. Vanburen, Chicago, Ill.
Bates Tractor Co., engines, Lansing, Mich.
Bates Valve Bag Co., bag fillers, 7310 So. Chic. Av, Chicago, Ill.
Bates, W. E., Mfg. Co., metal novelties, Waterbury, Conn.
Batesburg Cotton Oil Co., fertzr. mfrs., Batesburg, S. C.
Batesville Cabinet Co., Dept. H, Batesville, Ind.
Batesville Casket Co., Batesville Ind.
Batesville Excelsior Co., excelsior mfrs., Batesville, Ark.
Batesville Furn. Co., Dept. H, Batesville, Ind.
Batesville Lumber & Veneer Co., Lawrenceburg, Ind.
Bath Box Co., Bath, Me.
Bath, Cyril J., & Co., machy. dlrs., Cleveland, Ohio.
Bath Harness Co., horse collars, Bath, N. Y.
Bath Iron Works, Ltd., mchsts. & fndrs. Bath, Me.
Bath, John Co., Inc., spec. machy., precision tools, jigs, fixtures, etc., 8 Grafton, Worcester, Mass.
Bath Portland Cement Co., 31 Clinton, Newark, N. J.
Baton, Henry E., contractor, 12th & Sansom, Phila., Pa.
Baton Rouge Brickyard, Baton Rouge, La.
Batschy, Jno., architect, Wells Bldg., Quincy, Ill.
Batson, C. A., contractor, Brockton, Mass.
Batson-Cook Co., masons' & bldrs.' matls., Westpoint, Ga.
Batson-McGehee Co., lbr., Millard, Miss.
Battaglia Bros., scrap rubber, 381 Pearl, New York.
Battelle & Renwick, saltpetre, nitrate of soda, refined sulphur, 80 Maiden la, New York.
Batten, Geo., & Co., advertising counsellors, 343 S. Dearborn, Chicago, Ill.
Batterman, Henry C., mach. & fdr., Dyer, Ind.
Batterman Truitt Co., elec. disc fans, 136 W. Monroe, Chicago, Ill.
Batterson & Eisele, granite, marble, 101 Pk. av, New York.
Batterson & Eisele marble, Edgewater, N. J.
Batterson, Ernest S., architect, Kalamazoo, Mich.
Batterson, J. G., granite, 489 5th av, New York.
Battery Engng. & Constr. Co., contractors, 17 Battery Pl., New York.
Battey Machinery Co., Rome, Ga.
Battle Hardware Co., Dawson, Ga.
Battin & Co., silver nov., 3d av, Newark, N. J.
Battis Bros., mill & steam fitters' supplies, Oshkosh, Wis.
Battjes Fuel & Building Material Co., Grand Rapids, Mich.
Battle Creek Coal & Coke Co., Orne, Tenn.
Battle Creek Furnace & Roofing Co., cornices, Battle Creek, Mich.
Battle Creek Paper Co. (Ltd.), folding paper boxes, Battle Creek, Mich.
Battle Creek Roofing & Mfg. Co., varnish, Battle Creek, Mich.
Battle Laboratory, Montgomery, Ala.
Battle Lbr. Co., Sorrento, Fla.
Bauch, Walter, gas ranges, 8651 Vincennes, Chicago, Ill.
Bauder E., mchsts. & fdrs., Sterling, Ill.
Bauer, A., Construction Co., 227 W. Huron, Chicago, Ill.
Bauer & Beamer, stone prod., Muskegon, Mich.
Bauer & Black, elastic hosiery, 45 W. 25th, Chicago, Ill.
Bauer Bros., contrs., Belleville, Ill.
Bauer Bros. Co., oil mill & feed grinding machinery, Bauer Bldg., Springfield, Ohio.
Bauer Bros. Mfg. Co., carriage aprons, Richmond & Carr, Cincinnati, Ohio.
Bauer, C., Jr., architect, 781 Manhattan av, Brooklyn, N. Y.
Bauer, Chas., masons' & bldrs.' matls., Springfield, Ohio.
Bauer, E., cornices, Hamilton, Ohio.
Bauer, Jno. G., stone producers, 1 Quebec rd, nr Price Hill, Cincinnati, Ohio.
Bauer, Jos., cornices & skylights, Fergus Falls, Minn.
Bauer, Julius, & Co., pianos, 305 S. Wabash av, Chicago, Ill.
Bauer, Leo M., architect, 43 John R., Detroit, Mich.
Bauer Mach. Co., Jeffersonville, Ind.
Bauer Machine Wks. Co., Kansas City, Mo.
Bauer, Max, cameras, Jersey City, N. J.
Bauer, Philip, Co., manganese, varnish, gums, etc., 25 W. B'way, New York.
Bauer Trunk & Bag Co., Oshkosh, Wis.
Bauer, Walter S., contr., 5802 N. 5th, Phila., Pa.
Bauerle & Stark Co., tele. cabinet wk., 1147 W. Ohio, Chicago, Ill.

Bauer's, Chas., Sons, cornices, 159 William, Buffalo, N. Y.
Bauer's, Jacob, Sons, meat packers, 2932 Massachusetts, Camp Washington, Cincinnati, Ohio.
Baugh, Batten & Baugh, canned goods, Clarksville, Ohio.
Baugh, C. L., canned goods, New Vienna, Ohio.
Baugh Electric Co., elec. cable hangers, Hopkinsville, Ky.
Baugh & Sons Co., chemicals & fertilizer, 20 S. Delaware av, Phila., Pa.
Baugh & Sons Co., fertilizer, 25H S. Calvert, Baltimore, Md.
Baughman, J. H., & Co., Inc., flour mills, Stanford, Ky.
Baughman, N. C., clothes washing machs., York, Pa.
Baughman Bros., machy. dlrs., Taylorville, Ill.
Baughman & Son, brick, Broughton, Ohio.
Baughman Stationery Co., pads & tablets, 1322 W. Broad, Richmond, Va.
Bauhaf Bros., stone producers, Canton, Ohio.
Bauhn, R. W., architect, 47 Booraem av, Jersey City, N. J.
Bauholzer, Paul P., telegraph instruments, 2339 E. Huntington, Phila., Pa.
Baulard, V. L., & Co., glass, Galveston, Tex.
Baum Bros. Co., cups disinfectants, floor oils, polishes, soap, etc., Denver, Colo.
Baum, C. F., Co., silk fringes, 232 S. Franklin, Chicago, Ill.
Baum, Chas., mirror plateaux, 311 B'way, New York.
Baum, Dwight J., architect, Spuyten Duyvil Pkwy & Waldo av, New York.
Baum, Geo. G., architect, 1424 Arch, Philadelphia, Pa.
Baum, J., Safe & Lock Co., 617 E. Front, Cincinnati, Ohio.
Baum, M. J., stone prod., Springfield, Ill.
Baum & Schoel, bakers' machy., Waterloo, Ia.
Bauman Hardware Co., Wausau, Wis.
Bauman, Jos., & Son, cornices, 61 W. 4th, New York.
Baumann, Albert B., architect, Knoxville, Tenn.
Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.
Baumann, Ferdinand, Sons Co., sash, door & blind mfrs., 181 W. Main, Columbus, Ohio.
Baumann, H. C., architect, 251 Kearny, San Francisco, Cal.
Baumann, Jacob, stone, 1326 Altgeld, Chicago, Ill.
Baumann, L., landscape architect, 3233 Portis av, St. Louis, Mo.
Baumann Rubber Co., New Haven, Conn.
Baumeister, F., & Son, berry boxes, Rockwood, Mich.
Baumeister, Geo. E., architect, 201 E. 70th, Chicago, Ill.
Baumeister Piano Co., 549 W. 52nd, New York.
Baumeister, W. I., contractor, Bellingham, Wash.
Baumeister, Wm., Co., contractors, Pioneer Bldg., St. Paul, Minn.
Baumgardener Concrete Products Co., Tiffin, Ohio.
Baumgart, Fred, brick, Humphrey, Neb.
Baumgarten & Co., toys, games & nov., 213 E. Fayette, Baltimore, Md.
Baumgarten, Ernst Ch., machy dlrs & bronze monuments, Schulenburg, Tex.
Baumgarten, Wm., & Co., interior hardwood wk. mfrs., 715 5th av, New York.
Baumgarten & Wyler, machts. & brass fndrs., El Paso, Tex.
Baumgarth, John, Co., calenders, 1414 W. Randolph, Chicago, Ill.
Baumgartner Bros., brick, Chatfield, Ohio.
Baumgartner, Eugene, musical instrument strings, etc., 835 W. 50th, Chicago, Ill.
Baumgartner, Frank, contractor, Harrisburg, Pa.
Baumneckel, G., & O., meat packers, Dayton, Ohio.
Baum's Castorine Co., lubrg. oils, Rome, N. Y.
Baur Fdy. Co., Belleville, Ill.
Baur Window Glass Co., Eaton, Ind.
Bauroth Bros., machsts., Springfield, Ohio.
Baurotn, E. F., power presses, Toledo, Ohio.
Bausback, Robt. & Sons, fertilizer mfrs., Shelbyville, Ind.
Bausch & Lomb Optical Co., scientific instruments, Rochester, N. Y.
Baush Machine Tool Co., Springfield, Mass.
Baute, Henry, mchsts. & fdrs., Benton Harbor, Mich.
Bavaria Knitting Mills, sweaters, cardigans, etc., 121 S. Market, Chicago, Ill.
Bawden, J. H. & Co., mchsts. & fndrs., Freehold, N. J.
Baxter, A. E., Engng. & Appraisal Co., Buffalo, N. Y.
Baxter Bros., contractors, Huntsville, Ala.
Baxter Bros. Co., canned goods, Brunswick, Me.
Baxter, H. C., & Bro., canned goods, Brunswick, Me.
Baxter, Henry V., fertilizer mfrs., Chester, Pa.
Baxter, J. J., contractor, Jackson, Miss.
Baxter, Jas., Fdry. & Mach. Wks., Boise, Idaho.
Baxter, Kelley & Faust, plushes, 28 E. 19th, New York.
Baxter Lumber Co., Wildsville & Tylersburg, La.
Baxter, Odell & Halpin, archts., Hammond Bldg., Detroit, Mich.
Baxter Sash & Door Co., Duluth, Minn.
Baxter, T. W., Co., scrap iron & steel, Utica, N. Y.
Baxter, W. E., Mfr. portable stoves, Louisville, Ky.
Bay Chemical Wks., sal soda, 24 California, San Francisco, Cal.
Bay City Boiler Co., Bay City, Mich.
Bay City Box & Crate Co., Bay City, Mich.
Bay City Constr. Co., Bay City, Mich.
Bay City Dredge Wks., ditching machs., Bay City, Mich.
Bay City Forge Co., hammered steel forgings, 1820 Cranberry, Erie, Pa.
Bay City Fdy. & Mach. Co., Bay City, Mich.
Bay City Hardware Co., Bay City, Mich.
Bay City Iron Co., mchsts. & fndrs., Bay City, Mich.
Bay City Lumber Co., Aberdeen, Wash.
Bay City Packing Co., Apalachicola, Fla.
Bay City Plow Wks., beet lifters, Bay City, Mich.
Bay City Rice Milling Co., Bay City, Tex.
Bay City Stone Co., Bay City, Mich.
Bay City Wood Plaster Co., Bay City, Mich.
Bay De Noquet Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
Bay Development Co., gravel, 153 Berry, San Francisco, Cal.
Bal Elec. Co., elec. contr., Oakland, Cal.
Bay, Gottfried, machsts., 537 W. 50th, New York.
Bay, John C., & Son, brick, Cumberland, Ohio.
Bay, John W., & Co., canned goods, Stockley, Del.
Bay Park Lbr. Co., North Bend, Ore.
Bay Poplar Lumber Co., Cincinnati, Ohio.
Bay Ridge Specialty Co., bath room fixtures, 5613 First av, Brooklyn, N. Y.
Bay Side Canning Co., Alviso, Cal.
Bayside Iron Wks., mill & facty. supplies, Everett, Wash.
Bay State Belting Co., 349 Congress, Boston, Mass.
Bay State Brass Co., faucets, cocks, bibbs & valves, Haydenville, Mass.
Bay State Brick Co., Indian Orchard, Mass.
Bay State Brush & Mop Co., Woburn, Mass.
Bay State Chemical Co., aniline colors, 38 India, Boston, Mass.
Bay State Comb Co., Leominster, Mass.
Bay State Cotton Corp., tire fabrics, 60 Federal, Boston, Mass.
Bay State Crucible Co., Taunton, Mass.
Bay State Dredging & Contrg. Co., 247 Atlantic av, Boston, Mass.
Bay State Elev. Co., Springfield, Mass.
Bay State Emery Wheel Co., grinding, Worcester, Mass.
Bay State Fdy. Co., Westfield, Mass.
Bay State Htg. & Sprinkling Co., 49 Haverhill, Boston, Mass.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Bay State Iron Wks., machsts., Erie, Pa.
Bay State Metal Wheel Co., East Templeton, Mass.
Bay State Milling Co., feed, Winona, Minn.
Bay State Mop Co., Woburn, Mass.
Bay State Motor Wks., engines, Holyoke, Mass.
Bay State Optical Co., Attleboro, Mass.
Bay State Pump Co., tire pumps., 100 Purchase, Boston, Mass.
Bay State Stamping Co., grease & oil cups & sheet metal stampings, 380 Chandler, Worcester, Mass.
See adv. index at end of book.
Bay State Tap & Die Co., screw cutting tools, mfrs., Mansfield, Mass.
Bay State Thread Wks., Springfield, Mass.
Bay State Whe. H'dwe., 1321 Washington, Boston, Mass.
Bay Verte Machy Supply Co., Dept. H, Green Bay, Wis.
Bay View Fdry. Co., Sandusky, Ohio.
Bayview Furn Co., Dept. H, Holland, Mich.
Bay View Steel Casting Co., 132 S. Bay, Milwaukee, Wis.
Bayard, Jno. B., architect, Vincennes, Ind.
Bayard, M. L., & Co., contractors, Penna. Bldg., Phila., Pa.
Bayard, M. L., & Co., machsts., Woodbine, N. J.
Bayde Noguet Co., lbr., Nakmo, Mich.
Bayer Co., colors, dyes, disinfectants, etc., 117 Hudson, New York.
Bayer, Frank Co., typewriter ribbons, 119 Lafayette, New York.
Bayer, Gardner-Himes Co., mchsts., hdwe. mfrs., 101 Park av, New York.
Bayer, Hy. C., carriages, Leavenworth, Kan.
Bayer, J. C., cornices & sky lights, Portland, Ore.
Bayer Pattern Plate & Mfg. Co., Cleveland, Ohio.
Bayer Rothgeb Co., iron, brass & bronze fndrs., grilles, gates, fences, etc., Los Angeles, Cal.
Bayer Steam Soot Blower Co., 2828 La Salle, St. Louis, Mo.
Bayer Valve Co., 2828 La Salle, St. Louis, Mo.
Bayerson Oil Works, mfrs. & dealers—greases & petroleum products, Erie, Pa.
Bayles, D. T., & Son, masons' & bldrs.' matls., Stony Brook, N. Y.
Bayles shipyards bldrs., Port Jefferson, N. Y.
Bayles Shipyards, Inc., Port Jefferson, N. Y.
Bayles Vehicle Top & Trimming Co., Kansas City, Mo.
Bayless Mfg. Co., broom handles, Memphis, Tenn.
Bayless Mfg. Corp., pulp paper, Austin, Pa.
Bayless Pulp & Paper Co., Binghamton, N. Y.
Bayley Heating Supply Co., 131 Sycamore, Milwaukee, Wis.
Bayley Mfg. Co., elec. disc fans & heating apparatus, Milwaukee, Wis.
Bayley Mfg. Co., blowers, fans, ventilating systems, 732 Greenbush, Milwaukee, Wis.
Bayley & Son, lighting fixtures, 105 Vanderveer, Brooklyn, N. Y.
Bayley Structural Iron Co., 705 S. Pierce, Milwaukee, Wis.
Bayley, Wm., Co. agricultural implements, Springfield, Ohio.
Baylies, A., architect, 33 Bible House, New York.
Baylis Co., machsts., Bloomfield, N. J.
Baylis, I. B., architect, Hempstead, N. Y.
Baylor, C. M., & Co., lbr, mfrs., Norfolk, Va.
Bayne, C. M. & Co., masons' & bldrs.' matls., Norfolk, Va.
Bayne Co., mill & facty. supplies, 29 Sullivan, New York.
Baynes, Wm. J., Co., Inc., 143 Hampshire, Buffalo, N. Y.
Bayonet-Trolley-Harp Co., Springfield, Ohio.
Bayonne Bolt & Nut Co., Bayonne, N. J.
See adv. index at end of book.
Bayonne Cornice & Skylight Co., Bayonne, N. J.
Bayonne Scrap Iron & Metal Co., Bayonne, N. J.
Bayonne Steel Casting Co., Bayonne, N. J.
Bayonne Supply Co., mill facty. & plumbers' supplies (jobbers), Bayonne, N. J.
Bayou Blue Lumber Co., Hutchinson, La.
Bayou City Iron Wks., Houston, Tex.
Bayou Land & Lumber Co., 301 Neave Bldg., Cincinnati, Ohio.
Bayou Liberty Lumber Co., Bonfouca, La.
Bayshore Fdy. Co., Pensacola, Fla.
Bayside Iron Wks., mchsts. & fndrs., Everett, Wash.
Bayside Lumber Co., Eureka, Cal.
Bayside Sash & Door Co., 806 3d av., Brooklyn, N. Y.
Bayway Chemical Co., chemical mfrs., Elizabeth, N. J.
B. B. & B. Trunk Co., Ohio & Sandusky, Pittsburgh, Pa.
B. & B. Mfg. Co., automobile wrenches, tire holders & windshields, 6528 Carnegie av, Cleveland, O.
B. & B. Mfg. Co., children's vehicles, Racine, Wis.
B. & B. Mfg. Co., fndry. moulding machs., Indianapolis, Ind.
B. B. Spec. Co., plumbers' spec., 433 Liberty av, Pittsburgh, Pa.
B. B. W. Mfg. Co., spectacle frames, 251 W. 19th, New York.
B. & C. Elec. Co., elec. contrs., 207 Merc. Pl., Los Angeles, Cal.
B. & C. Mfg. Co., flashlights, 290 Church, New York.
B. C. Co., brass founders, Quincy, Mass.
B. & E. Mfg. Co., inner tube bags, 444 B'way, New York.
B. E. S. Tool & Mfg. Co., drill presses, Rockford, Ill.
Beach, A. Y., masons' & bldrs.' matls., Seymour, Conn.
Beach, C. M. Co., masons' & bldrs.' matls., New Milford, Conn.
Beach City Silica Sand Co., Beach City, Ohio.
Beach & Co., aniline colors, Hartford, Conn.
Beach Enameling Co., Coshocton, Ohio.
Beach, Fred F., patterns & models, Bridgeport, Conn.
Beach & Fuller Co., crates, veneer mfrs., Evansville, Ind.
Beach, H. B., & Son, tubular boilers, Hartford, Conn.
Beach, H. D., Co., signs (celluloid), Coshocton, Ohio.
Beach, J. W., Co., scrap brass, Bridgeport, Conn.
Beach, Jas., & Sons, soap, Dubuque, Iowa.
Beach Leather Co., advtg. novelties, Coshocton, Ohio.
Beach Mfg. Co., contractors, Charlotte, Mich.
Beach Mfg. Co., machsts. & fdrs., Montrose, Pa.
Beach Milling Co., flour, Holland, Mich.

Beach, Oliver B., mchsts. & fdrs., Stony Creek, Conn.
Beach, Rogers & Co., lumber mfrs., De Funiak Springs, Florida.
Beach-Russ Co., machinery, pumps, filter presses, etc., 50 G. Church, New York. *See adv. index at end of book.*
Beach, S. G., & Sons, sash, door & blind, Placerville, Cal.
Beach, S. Y., Paper Co., Seymour, Conn.
Beach Soap Co., Lawrence, Mass.
Beach, T. C., Auto Turntable Co., St. Johns, Mich., & 50 Church, New York.
Beach, Wm., Hardware Co., Columbus, Ga.
Beach, W. W., Co., architect, Motor Mart bldg., Sioux City, Ia.
Beacon Elec. Wks., elec. lanterns, 132 King, New York.
Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
Beacon Light Co., Los Angeles, Cal.
Beacon Mfg. Co., cotton blankets, New Bedford, Mass.
Beacon Mfg. & Supply Co., mill & facty. supplies, New Orleans, La.
Beacon Rectifier Co., Inc., Hyde Park, Mass.
Bead Chain Mfg. Co., Bridgeport, Conn.
Beadle, J. Grant architect, Galesburg, Ill.
Beagle Hame Wks., Freeland, Pa.
Beahm & Rice, contractors, 615 14th, NW, Washington, D. C.
Beal, A. B., contractor, 43 Tremont, Boston, Mass.
Beal, David, & Co., new & used machine tools, 370 Atlantic av, Boston, Mass.
Beal, Earl E., architect, Elyria, Ohio.
Beal, J. A., lumber mfr., Luverne, Ala.
Beal, J. William, architect, 62 Summer, Boston, Mass.
Beal, Jos., & Co., machy. dlrs., 465 Atlantic av, Boston, Mass.
Beall, Fred E., architect, 1335 N. Gilmore, Baltimore, Md.
Beale Bros., cornices & skylights, Rushville, Ind.
Beale, J. M. & Co., brick, West Brooklyn, Ill.
Beale, John R., contr., Granite City, Ill.
Beale, M. E., canned goods, Skowhegan, Me.
Beall Bros., machsts., Alton, Ill.
Beall, Fred E., architect, 1335 N. Gilmore, Baltimore, Md.
Beall Improvements Co., Inc., flour & corn mill machy., Decatur, Ill.
Beall, J. M., architect, Monessen, Pa.
Beall Tool Co., blacksmiths' drills, portable forges, East Alton, Ill.
Beals, McCarthy & Rogers, who. h'dware & mill & facty. supplies, 44 Terrace, Buffalo, N. Y.
Beals & Selkirk Trunk Co., Wyandotte, Mich.
Beals, S. M., Estate, mill & facty. supplies, Lawrence, Mass.
Beals, Thos. P., furniture, Dept. H, Portland, Me.
Beals, W. A., architect, Blaine, Me.
Beam, Jas. H., machinist, Martins Ferry, O.
Beam Lbr. Co., Godfrey, Ga.
Beaman & Smith Co., metal boring machs., Providence, R. I.
Beaman Trunk Co., Knoxville, Tenn.
Beamer & Wilhelm, caned goods, Eagle Rock, Va.
Beamont, R. H. Co., conveyors & hoists, Drexel Bldg., Philadelphia, Pa.
Bean Bros., brick, Hartford, Ky.
Bean, James W., contractor, NW cor. 4th & M, NE, Washington, D. C.
Bean, L. C., Co., masons' & bldrs.' matls., Lisbon, Ohio.
Bean, Lewis U., Co., paint & varnish mfrs., 922 Cherry, Philadelphia, Pa.
Bean, M. B., architect, Lansdale, Pa.
Bean, O. R., architect, Eugene, Ore.
Bean, O. R. (Lawrence Halford), architect, Chamber of Commerce bldg., Portland, Ore.
Bean, R. L., ship bldrs., Camden, Me.
Bean Ralph H., architect, 900 Wilson av, Chicago, Ill.
Bean Spray Pump Co., San Jose, Cal.
Bean Tool & Sales Co., Berea, Ohio.
Beans Springs Co., auto & truck springs, Masselon, O.
Bear Creek Canning Co., Stoutland, Mo.
Bear Creek Mill Co., lbr., Leaksville, Miss.
Bear Engng. & Constr. Co., Orn'l iron & structural steel, 1712-14H Ludlow, Phila., Pa.
Bear, G. H., Furn. Co., Dept. H, Allentown, Pa.
Bear Mfg. Co., engine starters, Rock Island, Ill.
Bear & Ruth Co., meat packers, Sandusky, Ohio.
Beard, B. C., machinist, Millen, Ga.
Beard, B. N., Co., contrs., Shelton, Conn.
Beard, C. S., see Beard Foundry & Machine Wks. (successors).
Beard, Campbell & Co., who. h'dwe., Port Huron, Mich.
Beard Constr. Co., Colonial Trust Bldg., Reading, Pa.
Beard Foundry & Machine Wks., Arkansas City, Kansas.
Beard, H. B., Co., horse collars, York, Pa.
Beard, J. H., masons' & bldrs.' matls., Geneva, N. Y.
Beard Machine Co., Inc., 350 Walton, New York
Beard, W. G. See Beard Machine Co., Inc (successors).
Beard, Wm. & Co., contractors, 59 Pearl, New York.
Bearden, C. E., architect, First Natl. Bk. Bldg., Chattanooga, Tenn.
Beardslee Chandelier Mfg. Co., elec. & gas light fixtures, 216 S. Jefferson, Chicago, Ill.
Beardslee-Graham Showcase Co., Seattle, Wash.
Beardsley, C., architect, Catskill, N. Y.
Beardsley Electric Co., Los Angeles, Cal.
Beardsley, J. E., mason bldr., Stratford, Conn.
Beardsley, L. S., architect, 38 W. 32d, New York.
Beardsley, Wm. J., architect, 49 Market, Poughkeepsie, N. Y.
Beardsley's, J. W., Sons, canned goods, 690 Frelinghuysen av, Newark, N. J.
Bearings Co. of America, ball bearing mfrs., Lancaster, Pa.
Bears, B., trunk mfrs., 1048 3d av, New York.
Bearse, Chester, architect, Centerville, Mass.
Bearse, O., & Son Co., lumber, 79 Milk, Boston, Mass.
Beasley & Miller, cornices & skylights, Pittsburg, Kan.
Beasley & Sons Co., sash, door & blind, Nashville, Tenn.
Beasman, F. B., & Co., contractors, Fidelity bldg, Baltimore, Md.
Beaton, A. J., Mfg. Co., floor & ceiling plates, New Britain, Conn.
Beaton & Cadwell Mfg. Co., steam specialists, New Britain, Conn.
Beaton & Corbin Mfg. Co., pipe hangers, plates, sleeves, Southington, Conn.
Beaton, D. T., cornices & skylights, Manchester, Mass.
Beatrice Brick Works, Beatrice, Nebr.
Beatrice Iron Wks., Beatrice, Nebr.
Beatrice Lumber Co., Lemonville, Tex.
Beatrice Milling Co., flour, Whitewright, Tex.
Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.
Beats All Mfg. Co., carpet heaters, Fairmont, Minn.

Beattie, Arthur A., architect, Gloversville, N. Y.
Beattie & Cornell, contractors, Fall River, Mass.
Beattie, John (Est. of), stone prod., Guilford, Conn.
Beattie Mfg. Co., machsts., Cohoes, N. Y.
Beattie & Wilcox, contractors, Fall River, Mass.
Beattie, Wm. H., granite & crushed stone, Fall River, Mass.
Beattie Zinc Works Co., battery coppers, Reading, Mass.
Beatty Bros., contrs., 2001 Metropolitan, Pittsburgh, Pa.
Beatty Const. Co., crushed stone, 66 Warren, Boston, Mass.
Beatty, E. T., mach. & fdry., Birmingham, Ala.
Beatty Felting Co., boots & shoes, Mishawaka, Ind.
Beatty, Fred W., blue & black prints & papers, 39 Ann, New York.
Beatty, J. B., architect, 15 N. Reid, Elizabeth, N. J.
Beatty, John L., architect, 146 Sixth, Pittsburgh, Pa.
Beatty & Jordan, machsts., Bolivar, N. Y.
Beatty, W. D., Co., contractors, 900 Burt, Pittsburg, Pa.
Beaty, C. N., architect, Hot Springs, Ark.
Beauchamp, I. D., flour mills, Taylorsville, Ky.
Beauchemin, Oscar, architect, City Natl. Bk. Bldg., Holyoke, Mass.
Beaudett, O. J., Co., carriages, Pontiac, Mich.
BEAUDRY & CO., INC., power hammer mfrs., 43 Bromfield, Boston, Mass. *See adv. index at end of book.*
Beaudry, Ralph L., architect, 7047 Princeton av, Chicago, Ill.
Beaudry, T. J., & Son, fndrs, Marlboro, Mass.
Beaufort County Iron Wks., Inc., Washington, N. C.
Beaufort Veneer & Package Co., cases, crates, Beaufort, S. C.
Beaumel, D. W., & Co., fountain pen mfrs., 17 Vandewater, New York.
Beaumier, Joe H., mach. & Fdr., Brenham, Tex.
Beaumont & Aughtie, glass stainers, 36 Columbus av, Boston, Mass.
Beaumont Co., elec. glassware, Morgantown, W. Va.
Beaumont, G. B., Co., contractors, 286 5th av, New York.
Beaumont, George, architect, 25 N. Dearborn, Chicago, Ill.
Beaumont Iron Works Co., Beaumont, Tex.
Beaumont Lbr. Co., Beaumont, Tex.
Beaumont Mfg. Co., cord & twine, sheetings, Spartanburg, S. C.
Beaumont, R. H. Co., conveyors, hoists & rock crushers, 319 Arch, Phila., Pa.
Beaumont Rice Mills, Beaumont, Tex.
Beaumont Ship Bldg. & Dry Dock Co., Beaumont, Tex.
Beaumont Valve & Hydrant Wks., Kankakee, Ill.
Beaumont, Wilbert, contractor, Atlantic City, N. J.
Beaupre Bros., machs. & fdrs., Franklin, N. H.
Beauvais Water Heater Co., Springfield, Mass.
Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.
Beaver Brook Paper Mills, Danbury, Conn.
Beaver Canning Co., Randolph, Wis.
Beaver Clay Mfg. Co., brick, New Galilee, Pa.
Beaver Co., plaster boards, etc., 956 Beaver rd, Buffalo, N. Y.
Beaver Dam Lumber Co., Cumberland, Wis.
Beaver Dam Mfg. Co., agricultural implements, Beaver Dam, Wis.
Beaver Dam Marble Co., Gunther Bldg., Baltimore, Md.
Beaver Dam Milling Co., flour, Beaver Dam, Ky.
Beaver Dam Roller Mill, Crouse, N. C.
Beaver Electric Construction Co., contracting engineers, 560 W. Monroe, Chicago, Ill.
Beaver Eng'rg & Contracting Co., 51 Chambers, New York.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Beaver Falls Planing Mill Co., sash, door & blind mfrs., Beaver Falls, Pa.
Beaver Lumber Co., Prescott, Ore.
Beaver Mach. & Tool Co., jigs, dies, etc., 625 N. 3rd, Newark, N. J.
Beaver Mfg. Co., machsts., 1st & Oklahoma av, Milwaukee, Wis.
Beaver Mills, pails, buckets & kits, Keene, N. H.
Beaver Mills, Inc., tire fabric yarn, 299 B'way, New York.
Beaver Motor Truck Co., Portland, Oregon.
Beaver Portland Cement Co., Portland, Ore.
Beaver Run Coal Co., bituminous, Mauch Chunk, Pa.
Beaver Silo & Box Mfg. Co., packing box, Beaver Dam, Wis.
Beaver Soap Co., Dayton, Ohio.
Beaver State Motor Co., Gresham, Ore.
Beaver Tile & Brick Co., Beaver, Ohio.
Beaver Tool & Eng. Co., Elkin, Ill.
Beaver Valley Boiler Wks., Beaver Falls, Pa.
Beaver Valley Glass Co., Rochester, Pa.
Beaver Valley Lime Co., Ellwood City, Pa.
Beaver Valley Mill Supply Co., Beaver Falls, Pa.
Beaver Valley Pot Co., glass house clay supplies, Rochester, Pa.
Beaver Valley Sandstone Co., New Castle & Wampum, Pa.
Beaver Varnish Co., Buffalo, N. Y.
Beaverville Brick & Tile Co., Beaverville, Ill.
Bebb, Chas. H., architect, Securities bldg, Seattle, Wash.
Bebee, Wm. G., marble, Manchester Center, Vt.
Bechard, Ephram, bldg. contr., Bristol, Conn.
Bechard Mfg. Co., silver novelties, 706 Townsend, Chicago, Ill.
Bechtel, A. A., contractor, Easton, Pa.
Bechtel, Jos., contractor, 200 N. 15th, Philadelphia, Pa.
Bechtel, W. A., contractor, 625 Market, San Francisco, Cal.
Bechtle, Otto elec. & gas light fixtures, Alameda, Cal.
Bechtold, E. E., canopy insulators, 1928 Wabash av, Chicago, Ill.
Bechtolt, Geo. E., agricultural implements, Urbana, Ohio.
Beck, Alexander, contractor, Kelline Bldg., Omaha, Nebr.
Beck, August C., Co., lock corner boxes, 1-30 East, Milwaukee, Wis.
Beck & Beck, granite, Barre, Vt.
Beck & Benedict, whol. hdwe., Waynesboro, Pa.
Beck Bros., mattresses, 260 Bruce, Newark, N. J.
Beck, C. F., & Son Co., sash, door & blind, Monroe, Mich.
Beck Cereal Co., cereal foods, 569 Fort, W., Detroit, Mich.
Beck, Chas., Machine Co., paper box machinery, 607 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Beck & Corbitt Iron Co., auto accessories, 1230 N. Main, St. Louis, Mo.
Beck & Dickinson, hypodermic syringes, Rutherford, N. J.
Beck Duplicator Co., 476 B'way, New York.
Beck, Edw. T., & Co., contractors, Warren, Pa.
Beck Electrical Repair Co., freight elev., 149 W. State, Columbus, Ohio.
Beck, Fr., & Co., wall coverings, 281 5th av, New York.
Beck & Gregg Hardware Co., Atlanta, Ga.
Beck, Guido, architect, 446 Hill, Dubuque, Ia.
Beck, H. A., contractor, Burlington, Ia.
Beck Hawkeye Motor Truck Works, automobile bldrs., Cedar Rapids, Ia.

Beck, Herman, contractor, 325 Winslow av, Buffalo, N. Y.
Beck, J. Philip, & Son, carriages, Saginaw, Mich.
Beck, Jno. W., brick, Vicksburg, Miss.
Beck, Jos. C., architect, Beaumont, Tex.
Beck, Oscar & Co., thermometers, 280 Manger, Bklyn, N. Y.
Beck, Vere W., contractor, 58 S. Water, Providence, R. I.
Beck, Willis J. architect, 1221 Leland av, Chicago, Ill.
Beck, Wm., cornices & skylights, Englewood, N. J.
Beck, Wm. & Chas., fire hose, Lawrence, Mass.
Becker, August, Engraving Co., name plates, 247 Atlantic av, Boston, Mass.
Becker, Bernhard, architect, Gardner Bldg., Toledo, Ohio.
Becker & Brisbois, cut glassware, 123 Middleton, Brooklyn, N. Y.
Becker Bro. & Son, packing box mfrs., Lexington & Fkd., Baltimore, Md.
Becker Bros., meat packers, 2692 3d av, New York.
Becker Bros., pianos, 767 10th av, New York.
Becker, C. D., cornices, Lestershire, N. Y.
Becker, C. L. & D. J., Co., lbr., 290 B'way, New York.
Becker, C., Milling Co., flour, Red Bud, Ill.
Becker, Chas. W., cotton waste, Amsterdam, N. Y.
Becker Chemical Co., car cleaning compounds, 19 Main, Cincinnati, Ohio.
Becker, Christian, see Torsion Balance Co. (successors).
Becker, Christian, carriages, Tamaqua, Pa.
Becker & Co., Ltd., machy. export, 90 West, New York.
Becker Constr. Co., 361 Grove, Newark, N. J.
Becker, David, furniture, 437H N. Amer,, Phila., Pa.
Becker, Emil, flour, Anderson, Texas.
Becker, F., cornices & skylights, Berwyn, Ill.
Becker, Geo., arch'l iron, 545 W. 22d, New York.
Becker, Geo. F., contractor, 160 W. 4th, St. Paul, Minn.
Becker Glass & Paint Co., 372 Pearl, Buffalo, N. Y.
Becker, Henry & Sons, contractors, South Orange, N. J.
Becker, Irvin H., contractor, Schuykill Haven, Pa.
Becker, J. C., masons' & bldrs. matls., Adrian, Minn.
Becker, Jno. L., cornices, Hamilton, Ohio.
Becker, K. J., contractor, Winona, Minn.
Becker, L. C., & Son, contractors, 415 13th, Newark, N. J.
Becker Mfg. Co., fndrs., Two Rivers, Wis.
Becker Milling Machine Co., vertical & horizontal type milling machines & milling cutters, mfrs., Hyde Park, Mass.
Becker-Moore Paint Co., 2nd & Soulard, St. Louis, Mo.
Becker, P. A., Co., show cases, 132 Cumberland, Brooklyn, N. Y.
Becker, P. & Co., trunk mfrs., 333 W. Monroe, Chicago, Ill.
Becker, R. A., Varnish Co., Harrison av & Garrard, Cincinnati, O.
Becker-Seidel Co., htg. contrs., 324 Prospect av, Cleveland, Ohio.
Becker, Smith & Page, wall paper mfrs., Snyder av. & Water, Phila., Pa.
Becker Steel Co. of Am., 154 Nassau, New York.
Becker & Thomas Co., umbrella mfrs., Cleveland, Ohio.
Becker, Wm., A., Co., masons' & bldrs.' matls., Monroe, Wis.
Beckert Needle & Supply Co., 4929 Green, Philadelphia, Pa.
Beckert Seed Store, fertilizer mfrs., 103 Federal, Pittsburgh, Pa.
Beckert, Wm., & Son, dumping wagons., 1003 E. Ohio, North Side, Pittsburgh, Pa.
Beckett, Harold C., architect, 406 Elks Temple, Detroit, Mich.
Beckett Paper Co., Hamilton, Ohio.
Becking, Geo., & Son, contractor, Chattanooga, Tenn.
Beckley-Cardy Co., school furniture, 312 W. Randolph, Chicago, Ill.
Beckley Coal & Coke Co., Macdonald, W. Va.
Beckley & Myers Ice & Fuel Co., masons' & bldrs.' matls., Springfield, Ohio.
Beckley Perforating Co., steel plate work, tanks, stacks, steel, Garwood, N. J.
Beckley-Ralston Co., auto hdwe. mfrs., 1801 S. Michigan av, Chicago, Ill.
Beckman Bros. mill. facty. & plbrs. supplies, Des Moines, Ia.
Beckman, Dawson Roofing Co., 19 S. La Salle, Chicago, Ill.
Beckman, L., Co., surveying instrs., Toledo, Ohio.
Beckman & Linden Engng. Corp., carbon electrodes & silico manganese, Balboa Bldg., San Francisco, Cal.
Beckman, N. O., Co., blankets—horse & cattle, Fulton rd, N. W., Cleveland, Ohio.
Beckman, Otto F., Co., glass stainers, New Haven, Conn.
Beckman & Sauer, lbr., Ferdinand, Ind.
Beckman Supply Co., masons' & bldrs.' matls., Hammond, Ind.
Beckman, Thomas J., Co., advrtg. novelties, 310-316 N. 11th, Philadelphia Pa.
Beckman, Wm., cornices, 15th & Republic, Cincinnati, Ohio.
Beckmann, L., Co., engng. & surveying instrumts, 1003 Jackson, Toledo, Ohio.
Beckstrom, Ross P. & Co., contrs., Rockford, Ill.
Beckwith Bros., contractors, Schenectady, N. Y.
Beckwith-Chandler Co., varnish mfrs., 203 Emmett, Newark, N. J.
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Beckwith, F. H., architect, P. O. Arcade, Bridgeport, Conn.
Beckwith, H. R., architect & contractor, Claremont, N. H.
Beckwith, Hira R., contractor, Claremont, N. H.
Beckwith, Joel, masons' & bldrs.' matls., Parkersburg, W. Va.
Beckwith Organ Co., Louisville, Ky.
Beckwith, P. D. (Est. of), mchsts. & fdrs., Dowagiac, Mich.
Becroft, Wm. E., architect, Wallingford, Conn.
Becton, Dickinson & Co., medicinal atomizers, Rutherford, N. J.
Bed Camp Mfg. Co., merchandise carriers, 1504 Grand av, Kansas City, Mo.
Bedard & Morency Mill Co., sash, door & blind, Oak Park, Ill.
Bedell, Andrew S., machsts. & fndrs., Elkland, Pa.
Bedell Mfg. Co., mattresses, 616 E. N. W., Washington, D. C.
Bedell Struct. Steel Wks., New Orleans, La.
Beder, Harold W., architect, 335 5th av, New York.
Bedford Aluminum & Spec. Co., 4 Reade, New York.
Bedford Cut Stone Co., contr., Bedford, Ind.
Bedford Fdry. & Mach. Co., Bedford, Ind.
Bedford Htg Co., 1233 Atlantic av, Brooklyn, N. Y.
Bedford, Nugent, Co., contractors, Evansville, Ind.
Bedford Pulp & Paper Co., Richmond, Va.
Bedford Safety Razor Co., Bedford, Mass.
Bedford Steam Stone Works, stone producers, Bedford, Ind.
Bedford Stone & Constr. Co., Indianapolis, Ind.
Bedortha Bros., levels, Windsor, Conn.
Bee Hive Paper Box Co., Indianapolis, Ind.
Bee Hive Paper Box Co., S. Delaware, Indianapolis, Ind.
Bee Tree Lbr. Co., Massies Mill, Va.
Beebe Co., mill & facty. supplies, Portland, Ore.
Beebe Cordage Co., Rockaway, N. J.
Beebe Glove Co., Richmond, Ind.
Beebe, H. P., architect, Fredonia, N. Y.
Beebe, H. R., contractor, Utica, N. Y.
Beebe, Hy. A., stone producers, 1116 Wabash, Detroit, Mich.
Beebe Stave Co., cooperage stock, Little Rock, Ark.
Beebe, W. S., Co., hdwe. mfrs., New Haven, Conn.
Beebe Laboratories, Inc., pharmaceuticals, St. Paul, Minn.
Beebe, W. S. Co., hdwe., machsts. & sheet metal stamping, 33 York, New Haven, Conn.
Beech Creek Truck & Auto Co., Beech Creek, Pa.
Beech, Is., Lbr. Co., Augusta, Ga.
Beecher & Barr, lumber, Pottsville, Pa.
Beecher Draught Spring Co., New Haven, Conn.
Beecher Falls Co., music cabinets, Beecher Falls, Vt.
Beecher Falls Co., furniture, Dept. H, Concord, N. H.
Beecher, Fowler, Mfg. Co., stencils, 244 3d, Louisville, Ky.
Beecher, Scott M., contractor, 1054 Lovejoy, Buffalo, N. Y.
Beecher, W. Gordon, architect, Calvert Bldg., Baltimore, Md
Beecher, Walter A., machsts., Mason City, Iowa.
Beechnut Packing Co., Canajoharie, N. Y.
Beede, N. W., & Son, lbr. mfrs., Jefferson, Ohio.
Beedenville Lbr. Co., Bruce, Wis.
Beedle, C. F., cornices, Greenville, Ohio.
Beegan, John B., cornices, 952 State, New Haven, Conn.
Beegee Co., ink erasers, 1133 B'way, New York.
Beehler Mfg. Co., hdwe. mfrs., St. Louis, Mo.
Beeker Mfg. Co., plumbers' wood work, Marietta, Ohio.
Beekman Sanitary Spec. Co. See Garrison Brass & Machine Wks. (successors).
Beekman Sash, Door & Woodworking Co., 259 B'way, New York.
Beekman, Wm. F., architect, 345 5th av, New York.
Beeland, W. J., contractor, Macon, Ga.
Beeler & Campbell Sup. Co., oil & gas well supplies, Independence, Kan.
Beeman & Cashin Mercantile Co., whol. hdwe., Evanston, Wyo.
Beeman Garden Tractor Co., traction engines, 311 6th av, Minneapolis, Minn.
Beer, Sandheimer & Co., Inc., see International Minerals & Metal Corp. (successors).
Beere, George W., aluminum, brass & bronze castings, railings, screens, etc., 294 Taaffe pl, Brooklyn, N. Y.
Beerline, J. W., & Sons, brick & tile, Cridersville, Ohio.
Beers Bros., machsts, Rochester, N. Y.
Beers Constr. Co., Fort Wayne, Ind.
Beers, Herbert P., architect, 38 S. Dearborn, Chicago, Ill.
Beers, Isaac, contractor, 123 E. 23d, New York.
Beers, J. L., & Sons, fndrs., Swales, Pa.
Beers, R. E., Lumber Co., Trenton, N. J.
Beers Sales Co., elec. portables, Bridgeport, Conn.
Beers, W. Harmon, architect, 333 4th av, New York.
Beers & Warfield, contrs., & masons' & bldrs.' matls., Cortland, N. Y.
Beerston Acetate Co., Olean, N. Y.
Beery, Jesse, Co., bits (bridle), Pleasant Hill, Ohio.
Bee's, John D., Sons, cornices, Lynn, Mass.
Beese, Chas., & Son, contractors, Lick Run rd, Cincinnati, Ohio.
Beeson, D. R., architect, Johnson City, Tenn.
Beeson, Fred C., veneer mfrs., 1032 Fulton, Chicago, Ill.
Beeson Hardware Co., High Pt., N. C.
Beeten Lumber & Mfg. Co., Carlisle, Pa.
Beezer Bros. See Beezer, M. J. (successor).
Beezer, Louis, architect, Seaboard bldg, Seattle, Wash.
Beezer, M. J., architect, Seaboard bldg, Seattle, Wash.
Beffel, Frank, Mfg. Co., machsts., Racine, Wis.
Begardus, C. E., testing lab., Seattle, Wash.
Beggs & Cobb Tanning Co., patent leather, Boston, Mass.
Beggs, E. J., & Co., mfg. chem., 92 William, New York.
BEGGS, JAMES & CO., mill & facty. supplies, boilers, engines, etc., 30 Warren, New York. *See adv. index at end of book.*
Beggs Motor Car Co., Michigan & Grumotte av, Kansas City, Mo.
Beggs Wagon Co., Kansas City, Mo.
Begnaud, J. W., masons' & bldrs.' matls., Breaux Bridge, La.
Behle, C. J., & Sons Co., contractors, Covington, Ky.
Behlen, Chas., Sons Co., carriages, 15th & Vine, Cincinnati, Ohio.
Behlen, H., & Bro., wood stains, shellac, oil—soluble colors, 37 Pearl, New York.
Behm, Gustav, classic wood carver, 715 North av, Chicago, Ill.
Behm, J., & Co., contractors, 141 Oak, San Francisco, Cal.
Behning Piano Co., 306 E. 133d, New York.
Behr, Frederick H., architect, 2 W. 47th, New York.
Behr, Henry J., architect, Cotton av, Macon, Ga.
Behr, Herman, & Co., flint paper, 61 B'way, New York.
Behrend, F., Inc., chemicals, pumice stone, etc., 170 Front, New York
Behrend, Jacob, blacking cases, 118 Allen, Philadelphia, Pa.
Behrend & Rothschild, match safes & rubber balloons, 353 B'way, New York.
Behrendt, Herman F., machsts., 22 Green, Newark, N. J.
Behrens & Bushnell, machsts., Ivoryton, Conn.
Behrens, H., Mfg. Co., wash boilers, Winona, Minn.
Behrens, O. J., & Son, contractors, Wilkes-Barre, Pa.
Behrensmeyer, Geo. P., architect, 403½ Main, Quincy, Ill.
Behrer, Arnold & Sons, plumbers' supplies, jobbers, 273 Pearl, New York.
Behrer & Benson, sash, door & blind mfrs., 1545 E 63d, Chicago, Ill.
Behrer & Co., mill, facty. & plumbers' supplies (jobbers), 8 Beekman, New York.
Behringer, Edw. A., Inc., mill & facty. supplies, 98 Park pl, New York.
Behrns, Elmer F., architect, 3429 N. Troy, Chicago, Ill.
Behrstock, L. (successors to Gross Star Gas Iron Co.), gas irons, 763 W. Van Buren, Chicago, Ill.
See adv index at end of book.
Beidleman, H. A., contr., Naperville, Ill.
Beidler, F., mill & facty. supplies, Upper Sandusky, Ohio.
Beidler, Francis, ties, poles & posts, 20 W. Jackson, Chicago, Ill.
Beidler, Henry S., masons' & bldrs.' matls., Doylestown, Pa.
Beigel, Hy., rattans, reed & chair canes, 154 Nassau, New York.
Beighlee Electric Co., 6523 Euclid av, Cleveland, Ohio.
Beilman, W. E., heaters, Buffalo, N. Y.
Beiler, Henry P., architect, 1924 Waveland av, Chicago, Ill.
Beimer, Anthony, architect, San Bernardino, Cal.
Bein, E. & Co., plate glass, 1632 Milwaukee av, Chicago, Ill.
Bein, Maurice L., architect, 1638 S. St. Louis av, Chicago, Ill.
Beisley, David, brooms, Wamego, Kans.

Beistle Co., cardboard novelties, Dept. H, Shippensburg, Pa.
Beitel L'br Co., San Antonio, Tex.
Beith & Reilly Co., mill & facty. & plumbers' supplies (jobbers), 2475 3rd av, New York.
Beiting, Edward, architect, 411 W. 10th, Newport, Ky.
Beitner, Geo. L., oven illuminators, Bridgeport, Conn.
Beitzel, Jacob, & Sons, sashes, doors and blinds, York, Pa.
Bel Air Packing Co., Bel Air, Md.
Bel, J. A., Lumber Co., Ltd., Lake Charles, La.
Belber Trunk & Bag Co., 1641 N. Hancock, Philadelphia, Pa.
Belcher & Loomis Hardware Co., 89 Weybosset, Providence, R. I.
Belcher Malleable Iron Co., Easton, Mass.
Belcher & Taylor Agricultural Tool Co., fertilizer distributors, Chicopee Falls, Mass.
Belcher, W. E., lbr., Centerville, Ala.
Belden, A. G., & Co., lubrg. oils & greases, 29 Burling Slip, New York.
Belden Brick Co., Canton, O.
Belden, E. S., & Sons, contractors, 217 Laurel, Hartford, Conn
Belden Machine Co., drop forgings, etc., New Haven, Conn.
Belden Mfg. Co., testing clamps, etc., 2316 S. Western av, Chicago, Ill.
Belding Bros. & Co., silk thread, 902 Broadway, New York.
Belding E. E. & Sons, contrs., West Chicago, Ill.
Belding-Hall Co., mchsts. & fdrs., Belding, Mich.
Belfast Slate Co., roofing slate mfrs., Nazareth, Pa.
Belfi Bros. & Co., terrazzo & mosaic flooring, 1923 Market, Philadelphia, Pa.
Belfield, H., Co., mill & facty. supplies & steam specialties, 435 N. Broad, Philadelphia, Pa.
Belfont Iron Works Co., Ironton, Ohio.
Belgium Cannery, Belgium, Wis.
Belgrade Glass Co., tumblers, Buckhannon, W. Va.
Belisle, Jos., brick, Fishkill Landing, N. Y.
Belknap Addressing Mach. Co., 46 W. 23d, New York.
Belknap, C. C., Glass Co., Seattle, Wash.
Belknap Hardware & Mfg. Co., 2nd & Washington, Louisville, Ky.
Belknap, John A., shovel mfrs., Anamosa, Ia.
Belknap Mfg. Co., mchsts. & fndrs., Bridgeport, Conn.
Belknap-Moran-Allen Co., glaziers' putty, 5 Ainslie, Brooklyn, N. Y.
Belknap & Phillips, common brick, St. Clair, Mich.
Belknap Wagon Co., Grand Rapids, Mich.
Bell, A. W., contractor, Spring Grove av, Cincinnati, Ohio.
Bell, Alexander, contr., Morris, Ill.
Bell, Algernon S., architect, 49 Irving pl, New York
Bell, Andrew (Estate of), rubber washers, balls, etc., 45 Commercial, Newark, N. J.
Bell Bag Co., 63 Front, New York.
Bell-Bockell Co., stone producers, Altoona, Pa.
Bell Boiler & Iron Co., Lancaster, Pa.
Bell Book & Stationery Co., 914 E. Main, Richmond, Va.
Bell Bros., mchsts. & fndrs., 27th & A. V. R. R., Pittsburgh, Pa.
Bell Bros. Piano Co., Muncie, Ind.
Bell, Bruce W., architect, Easton, Pa.
Bell, C., tile, Craigville, Ind.
Bell, C. S., Co., agricultural implements, Hillsboro, Ohio.
Bell, Clyde Chas., architect, Cranford, N. J.
Bell & Clairbone, contractors, 1240 Dauphine, New Orleans, La.
Bell Co., advtg. spec., 105 Public Sq, Nashville, Tenn.
Bell Co. (The), screw machine prod., aeroplane parts & tractor parts, 1555 Fillmore av, Buffalo, N. Y.
See adv. index at end of book.
Bell Copper Co., 681 Market, San Francisco, Cal.
Bell, E. A., sash, door & blind mfrs., Valparaiso, Ind.
Bell, Edwin, Co., cooperage stock, So. 17th, Pittsburgh, Pa.
Bell Electric Motor Co., Garwood, N. J.
Bell, Geo. A., Fertilizer Wks., Wheelersburg, Ohio.
Bell & Gossett, case hardening & tempering compounds, 609 W. 30th, Chicago, Ill.
Bell Herbert A., architect, Nat'l. Realty bldg, Tacoma, Wash.
Bell & Howell Co., battery charging rheostats, 1803 Larchmont av, Chicago, Ill.
Bell, J. W., flour mill, Spartanburg, S. C.
Bell, J. W. Co., eave-trough hangers, Mercer, Pa.
Bell, Jno., Co., masons' & builders' materials, E. 138th & Gerard av, N. Y. City.
Bell Knitting Co., sweaters, gloves, 352 4th av, New York.
Bell Locomotive Wks., 23 Water, New York.
Bell, Louis F., contractor, Wakefield, R. I.
Bell Lumber Co., Security Bank Bldg., Minneapolis, Minn.; Ashland, Wis., & Marion, S. C.
Bell, M. F., architect, Fulton, Mo.
Bell, M. T., contrs., Augusta, Ga.
Bell Mach. Wks., Anacortes, Wash.
Bell Mfg. Co., glass blowing machines, Fairmount, Ind.
Bell Mfg. Co., hand vacuum cleaners, Cleveland, Ohio.
Bell Mfg. Co., metal polishes, Main & Gratiot, St. Louis, Mo.
Bell Motor Car Co., York, Pa.
Bell, O. C., & Co., turpentine, Holley, Fla.
Bell, O. E., mchst. & fdr., Moscow, Idaho.
Bell Oil Co., 600 S. Vandeventer, St. Louis, Mo.
Bell Oil Corp., 111 Broad, New York
Bell Pump & Mfg. Co., 78 Fort E., Detroit, Mich.
Bell, Sam'l R., Jr., contractor, Chester, Pa.
Bell-Scott Co., contractors, Seattle, Wash.
Bell, W. E., architect, Shoaff bldg., Ft. Wayne, Ind.
Bell, W. H., contractor, Closter, N. J.
Bell, W. H., Co., plaster boards, 2582 Park av, New York.
Bell, W. R., Jr., architect, Murfreesboro, Tenn.
Bell & Wildman, 619 Upshur, machy. dealers, Portland, Ore.
Bell, Wm., contr., Elgin, Ill.
Bellaire Bottle Co., Bellaire, Ohio.
Bellaire, L. & Sons, willow ware mfrs., 17 Stephenson, Buffalo, N. Y.
Bellaire Stove Co., Bellaire, Ohio.
Bellbuckle Milling Co., flour, Bellbuckle, Tenn.
Belle City Incubator Co., Racine, Wis.
Belle City Malleable Iron Co., Racine, Wis.
Belle City Mfg. Co., agricultural implements, machsts. & fdrs., Racine, Wis.
Bellefontaine Bridge & Steel Co., Bellefontaine, Ohio.
Bellefontaine Hame Co., Bellefontaine, Ohio.
Bellefonte Brick Co., Bellefonte, Pa.
Bellefonte Eng'ng Co., mchsts. & fdrs., Bellefonte, Pa.
Bellefonte Lime Co., Bellefonte, Pa.
Belle Isle Boat & Engine Co., Detroit, Mich.
Belle Plaine Canning Co., Belle Plaine, Ia.

Belleville Brick & Tile Co., Belleville, Ill.
Belleville Fdry. Co., Belleville, Ill.
Belleville Implement & Motor Co., mchsts. & fdrs., Belleville, Ill.
Belleville Shock Mover Co., agricultural implements, Belleville, Ill.
Belleville Stove & Range Co., Belleville, Ill.
Bellevue Furnace Co., 703 Bellevue, Detroit, Mich.
Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.
Bellevue Mfg. Co., advtg. spec., Lee, Mass.
Bellgrade Lbr. Co., Memphis, Tenn.
Bellinger, A. A., lumber mfrs., Tonawanda, N. Y.
Bellingham Bedding Co., mattresses, Bellingham, Wash.
Bellingham Canning Co., Bellingham, Wash.
Bellingham Sheet Metal Works, cornices & skylights, Bellingham, Wash.
Bellis, Wm. L., horse collars, Cleveland, Ohio.
Bellmark Co., potteries, Trenton, N. J.
Bellows Bros., mchsts. & fdrs., Salem, Ind.
Bellows, Chas. H., Cut Stone Co., 233 B'way, New York.
Bellows, Elvin H., lumber, Frankfort, Mich.
Bell's, Sam'l, Sons, contractors, Lebanon, Pa.
Bellwood Mfg. Co., mchsts. & fdrs., Bellwood, Pa.
Belmar Mfg. Co., garment hangers, Canton, Pa.
Belmar Supply Co., Inc., plbrs. supplies, Belmar, N. J.
Belmer, H., Co., wire goods, 628 W. 3d, Cincinnati, Ohio.
Belmont Casket Mfg. Co., Columbus, Ohio.
Belmont Fdry., Toledo, Ohio.
Belmont Gurnee Stone Co., New Durham, N. J.
Belmont, Hy., & Son, heating contr., 103 Park av, New York.
Belmont Iron Wks., fences, steel structural work, etc., 22d & Washington av, Philadelphia, Pa.
Belmont Packing & Rubber Co., 133 N. 2nd, Philadelphia, Pa.
Belmont Stamping & Enameling Co., New Philadelphia, Ohio.
Belnap, H., Lbr. Co., sash door & blind mfrs., Ogden, Utah.
Beloit Box Board Co., Beloit, Wis.
Beloit Brass Works, Beloit, Wis.
Beloit Fdry. Co., Beloit, Wis.
Beloit Iron Works, paper mchy., Beloit, Wis.
Beloit Lumber Co., Beloit, Wis.
Belser, P. A., contr., 625 Market, San Francisco, Cal.
Belson, Henry C., contractors, Albion, N. Y.
Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
Belt Line Brick Co., Builders Exchange, Minneapolis, Minn.
Belt Line Crusher Co., stone, Kansas City, Mo.
Belt Line Shingle Co., Seattle, Wash.
Belt, P. P., machinist, Fredonia, Kans.
Beltine Chemical & Mfg. Co., belt dressings, soap, etc., 401 N. Sangamon, Chicago, Ill.
Belting & Machy. Co., Rochester, N. Y.
Belting & Transmission trade publications, Monadnock bldg, Chicago, Ill.
Belton Mills, sheetings, cotton, Belton, S. C.
Beltrail Tractor Co., St. Paul, Minn.
Beltz, J. W., Sons Co., sash, door & blind mfrs., Wheeling, W. Va.
Belvidere Milling Co., flour, Belvidere, Tenn.
Belvidere Screw & Mach. Co., Belvidere, Ill.
Belz, J. H., Provision Co., 3601 S. B'way, St. Louis, Mo.
Belzoni Hdwe. Lbr. Co., Belzoni & Carchings, Miss.
Beman Automatic Oil Can Co., Ltd., Box 375, Meadville, Pa.
Beman, J. Garfield, architect, Park av & 41st, New York.
Beman, Spencer S., architect, 332 S. Michigan av, Chicago, Ill.
B. E. Mfg. Co., mechanics' aprons, auto. tire holders, etc., 18 W. 18th, New York.
Bement Miles Wks., fndrs., 21st & Callowhill, Philadelphia, Pa.
Bement Stove Repair Co., grey iron castings, Lansing, Mich.
Bement's, E., Sons, cultivators, Lansing, Mich.
Bemis, A. L., manual training benches & pattern makers, Worcester, Mass.
Bemis, Addison L., architect, Worcester, Mass.
Bemis Bro. Bag Co., aprons, blankets, school bags, etc., 601 S. Fourth, St. Louis, Mo.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Bemis Car Truck Co., Springfield, Mass.
Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
Bemis, J. M., & Son, lumber, Bradford, Pa.
Ben Hill Co., fertilizer, Fitzgerald, Ga.
Ben Hur Vacuum Cleaner Co., Indianapolis, Ind.
Ben-Mohr Mfg. Co., bakers' molds, 51 Cliff, New York.
Benard, Thos. H., & Son, contractors, 39 Neponset, Boston, Mass.
Benazet Heddle Co. (Ltd.), tex. machy. supplies, etc., 214 W. Dauphin, Philadelphia, Pa.
Benbow Co., desk tel. brackets, 604 Arch, Philadelphia, Pa.
Benda, Geo., Inc., bronze powders, 112 E. 19th, New York.
Bender, C., & Sons, lbr., Houston, Tex.
Bender, Geo., machy dlrs., 128 Center, New York.
Bender, Hy., brick, Gardenville, N. Y.
Bender, Hy., platinum foil, rivets, etc., 42 Walnut, Newark, N. J.
Bender, J. W., Roofing & Paving Co., Monadnock blk, San Francisco, Cal.
Bender, L. W., & Son, contractors, Cape Girardeau, Mo.
Bender, Ph. J., & Sons, mchsts., 87 Frankfort, New York.
Bender, W. M., contractor, New Castle, Pa.
Bendinger, Louis, stone producers, Lockport, N. Y.
Bendit-Drey & Co., Inc., mirror mfrs., 188 Franklin, New York.
Bendus, J. V. & Co., waterproofing cloth, 39 Cortland, New York.
Bene, John, & Sons, peroxide of hydrogen, 645 Dean, B'klyn, N. Y.
Benecia Agric. Wks., horse hoes, Benecia, Cal.
Benecke, F. F., & Son, brick & tile, Corwin, Ohio.
Benedict & Burnham, machsts., Waterbury, Conn.
Benedict, C., Mfg. Co., dress shields, 591 Mission, San Francisco, Cal.
Benedict, E. E., architect, 51 Leavenworth, Waterbury, Conn.
Benedict, Eli, architect, 352 Convent av, New York.
Benedict, Frederick S., architect, 50 E. 41st, New York.
Benedict, J. B., architect, 1669 Broadway, Denver, Col.
Benedict, John, Co., brick, Davenport, Iowa.
Benedict, John S., Lumber Co., 419 N. Halsted, Chicago, Ill.
Benedict Mfg. Co., silver plated hollow ware, knives, etc., East Syracuse, N. Y.
Benedict & Swanson, contractors, Jamestown, N. Y.
Benedict, Wm. K., architect, 126 E. 59th, New York
Benefiel, C. E., Co., combination tools, Indianapolis, Ind.
Benesch, Jos. & Co., scrap iron, 126 S. Pierce, Milwaukee, Wis.
Benfield-Milne Mfg. Co., signs, 80 Homes, Newark, N. J.
Benford Mfg. Co. spark plugs, Mount Vernon, N. Y.
Bengstom, H. G., contr., Ansonia, Conn.
Bengue, Jules, ethyl chloride, W. Hoboken, N. J.
Benham & Noyes, corn syrup, 12 B'way, New York.
Benjamin Air Rifle Mfg. Co., 613 N. B'way, St. Louis, Mo.

Benjamin, C. W., wood handles, Sidney, Ohio.
Benjamin, Chas. H., architect, 772 E. 25th, Paterson, N. J.
Benjamin, Chas. K., contractor, Geneva, N. Y.
Benjamin Elec. Mfg. Co., general offices & works, 120-128 Sangamon, Chicago, Ill.
Benjamin Hdwe. Co. (wholesale), Phœnixville, Pa.
Benjamin, M. E., architect, St. Petersburg, Fla.
Benjamin, Michael, cornices, 1718 S. 4th, Philadelphia, Pa.
Benjamin, R. A., architect, Bisbee Bldg., Jacksonville, Fla.
Benjamin-Sellar Mfg. Co. See National Mechanical Corp. (successor).
Benjamin, T., & Sons, architects, Wenham Bldg., Grand Rapids, Mich.
Benjamin, W. A., switches, Los Angeles, Cal.
Benker, F. K., & Co., barrel machy., Millersburg, Pa.
Benneche, Edw., & Bro., fishing poles, 43 Gt. Jones, New York.
Benner, Elmer C., architect, Asbury Park, N. J.
Benner, J. H., & Co., contrs., Marion, Ind.
Benner Mach. Works, machinists, 5th & Oak, Oakland, Cal.
Benner Mfg. Co., toys, games, etc., Lancaster, Pa.
Benner Tool Co., oil well drilling & fishing tools, Swissvale, Pa.
Benners, E. H., Co., lubrg. oils, 32 Front, New York.
Bennes, John V., architect, Chamber of Commerce Bldg., Portland, Ore.
Bennett, A. J. T., architect, 38 S. Dearborn, Chicago, Ill.
Bennet, Jno. E., stone producers, Port Jefferson, N. Y.
Bennett-Barnes Co., contrs., Terre Haute, Ind.
Bennett, Benj. F., Bldg. Co., contractors, 123 S. Howard, Baltimore, Md.
Bennett Brick Co., Terre Haute, Ind.
Bennett & Brooks, Inc., steel mers., 226H Lafayette, New York. av, Bridgeport, Conn.
Bennett Bros., stone producers, Winston-Salem, N. C.
Bennett Bros. Co., machsts., Lowell, Mass.
Bennett Canning Co., Frankford, Del.
Bennett Carriage Co., Burlington, Ia.
Bennett Contracting Corp., Portland, Me.
Bennett, D. C., architect, McKnight bldg, Minneapolis, Minn.
Bennett, D., & Son, contractors, Schenectady, N. Y.
Bennett Dreyer Buss Belting Co., 3110 N. 11th, St. Louis, Mo.
Bennett, E. C., lumber mfr., Galena, Ohio.
Bennett, E. W., & Co., metal polish, tin cans, etc., 2000 16th, San Francisco, Cal.
Bennett, Edw. H., architect, 80 E. Jackson blvd, Chicago, Ill.
Bennett, Edwin, Pottery Co., Elen & Fleet, Baltimore, Md.
Bennett, Edwin T., architect, Mahwah, N. J.
Bennett, F. A., machinery dealer, 30 Church, New York.
Bennett, Frank H., contractors, Seattle, Wash.
Bennett, F. L., & Co., bronze tablets, emblems & pins, Rochester, N. Y.
Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio.
Bennett, G. S., & Co., plate glass, 114 N. 9th, Philadelphia, Pa.
Bennett, G. W., canned goods, Inverness Md.
Bennett, Geo. W., contractor, Franklin Bldg., Baltimore, Md.
Bennett, Geo. W., lumber mfrs., Pitcher, N. Y.
Bennett, H. E., & Co., brick, Sidney, Ohio.
Bennett, H. L., plate glass, Philadelphia Bourse, Phila., Pa.
Bennett, H. L., Box Factory, packing boxes, Seattle, Wash.
Bennett, H. L., & Co., agricultural implements, Westerville, O.
Bennett Hardwood Lbr. Co., see Bennett-Hooper Lbr. Co. (successor).
Bennett-Hooper Lbr. Co., Dept. H, Memphis, Tenn.
Bennett, I. A., Co., guy anchors, 112 W. Adams, Chicago, Ill.
Bennett, J. A., masons' & bldrs.' matls., Ravenna, Ohio.
Bennett, J. A., & Son, incubators, Gouverneur, N. Y.
Bennett, J. C., architect, Pasadena, Cal.
Bennett, J. W., canned goods, Auburn, Me.
Bennett, Jas. V., & Co., contractors, Williamsport, Pa.
Bennett, Jno. C., masons' & bldrs.' matls., Lowell, Mass.
Bennett & Lear, masons' & bldrs.' matls., West Chester, Pa.
Bennett & Lindenfield, architects, Benton Harbor, Mich.
Bennett Lumber & Mfg. Co., Hart, Mich.
Bennett, M., & Sons, contractors, Indiana, Pa.
Bennett Mfg. Co., machsts. & fndrs., Plymouth, Mich.
Bennett Mfg. Co., medicine cabinets, Alden, N. Y.
Bennett Mfg. Co., woodenware & nov. mfrs., Portland, Me.
Bennett & Mason Co., whol. hdwe., 154 State, Rochester, N. Y.
Bennett Metal Treating Co., hardening compound, Elmswood, Conn.
Bennett Montgomery Hdwe. Co., whol., 403 E. 3rd, Los Angeles, Cal.
Bennett, N. T., fertilizer mfr., New Windsor, Md.
Bennett, Nelson A., contr., Sterling, Conn.
Bennett-O'Connell Co., platers' & polishers' supplies, 3600 So. Morgan, Chicago, Ill.
Bennett Organ Co., Rock Island, Ill.
Bennett Paper Can & Tube Co., 291 10th, San Francisco, Cal.
Bennett, Paul, architect, 865 34th, Milwaukee, Wis.
Bennett, Perry, & Sons, stone producers, Stoneham, Mass.
Bennett, R. A., architect, Tuckahoe, N. Y.
Bennett & Seeley, Inc., fdry. & electro platers supplies, 823 Railroad av, Bridgeport, Conn.
Bennett & Smith Co., contractors, Greensburg, Pa.
Bennett & Talbott, contractors, Greensburg, Pa.
Bennett, Thos., architect, 5123 3rd av, Brooklyn, N. Y.
Bennett Varnish Co., 2215 Elston av, Chicago, Ill.
Bennett W. S., & Co., masons' & bldrs'. matls., 50th & Monon, Indianapolis, Ind.
Bennett, Wells E., architect, La Crosse, Wis.
Bennett-Wheeler Mer. Co., cornices & skylights, Butler, Mo.
Bennett & White, Inc., perforated music rolls, 67 Goble, Newark, N. J.
Bennett, Wm, Arthur, architect, 117 N. Dearborn, Chicago, Ill.
Bennett, Wm. B., contractor, 742 N. Negley av, Pittsburgh, Pa.
Bennett, Wm. H., Co., boot & shoe counters, Lynn, Mass.
Bennett Wire Co., Inc., wire cloth mfs., 405 Lexington av, New York. *See adv. index at end of book.*
Bennett & Witte, lumber mfrs., 222 W. 4th, Cincinnati, Ohio.
Bennetts Chem. Laboratory, Tacoma, Wash.
Benninghofers, C. Sons, gas engines, Hamilton, Ohio.
Bennington, S. B., contractor, Lynchburg, Va.
Bennington Scale Co., elec. cooking app., Bennington, Vt.
Bennington Wax Paper Co., Bennington, Vt.
Bennis, Edw. F., contractor, P. O. Bldg., Germantown, Phila., Pa.
Bennis, Richard P., contractor, 3d & Erie, Philadelphia, Pa.
Benns & Visscher Co., carriages, Schenectady, N. Y.
Benoit Clayton Lbr. Co., Chenière, La.
Benoit Constant A., baking enamels, Jerome av, Brooklyn, N. Y.
Benolite Co., insig. var., 331 4th av, Pittsburgh, Pa.
Benore, John, contractor, Scranton, Pa.
Benroth Bros., machinists, Columbus Grove, Ohio.
Bens, S. J., Mfg. Corp., toilet paper holders & toys, Herkimer, N. Y.
Bens, Wm., Co., manicure sets, silver novelties, shears, etc., 7 Beverly, Providence, R. I.
Bensinger, C. Co., duplicating app., 15 Whitehall, New York.
Benskin Mfg. Co., pattern making outfits, Canton, Ohio.
Benson, A. M., & Co., barrel machy., Cleveland, Ohio.
Benson, A. R., Co., soldering flux, Hudson, N. Y.
Benson, Arthur E., architect, 5520 Glenwood av, Chicago, Ill.
Benson & Barbot, architects, Charleston, S. C.
Benson, C. H., grain elevator builder, 406 Corn Exchange, Minneapolis, Minn.
Benson, Chas. A., & Co., contr., 1801 N. Fairfield av, Chicago, Ill.
Benson Coal Co., masons' & bldrs.' matls., Melrose, Mass.
Benson Dry Plate & Camera Co. 168½ Delancey, New York.
Benson, Edward, architect, 5520 Glenwood av, Chicago, Ill.
Benson, Emil, & Son, contractors, 340 Willard, Providence, R. I.
Benson Electric Co., Superior, Wis.
Benson, Fred S., machinist, Port Allegany, Pa.
Benson, Geo. S., & Sons, contractors, Stimpson Bldg., Los Angeles, Cal.
Benson, H. K. & F. S., rolling mills—brass & copper, Glen Ridge, N. J.
Benson Hardware Co., Andalusia, Ala.
Benson, J. P., architect, 331 Madison av, New York.
Benson, John A., Contr. Co., Des Moines, Ia.
Benson, L. A., machsts. tools & mill supplies, 8 E. Lombard, Baltimore, Md.
Besnon Lbr. Co., San Diego, Cal.
Benson Mines Co., iron ore mines, Benson Mines, St. Lawrence Co., N. Y.
Benson, Newman, contractor, 1625 Bedford av, Pittsburgh, Pa.
Benson, Oscar T., contractor, Hitchcock rd, Worcester, Mass.
Benson & Peterson, contractors, 437 Leclaire av, Chicago, Ill.
Benson-Phillips Co., mason & bldrs. mtls., Newport News, Va.
Benson, W. T., & Co., lubricating oils & greases, 232 N. Front, Philadelphia, Pa.
Bent Bros., cement contrs., Central bldg, Los Angeles, Cal.
Bent, F. H., architect, Bound Brook, N. J.
Bent, G. W., Co., machsts. & fndrs., 93 Causeway, Boston, Mass.
Bent, Geo. P., Co., pianos, 214 S. Wabash av, Chicago, Ill.
Bent Glass Nov. Co., 394 Canal, New York.
Bent, Jas. S., core compounds, fish oils, etc., 117 1st, S. Boston, Mass.
Bent, S., & Bros., combination step-ladder chairs, Gardner, Mass.
Bent, R. G. & Co., contractors, 904 Main, Hartford, Conn.
Bent Rung, Ladder & Mfg. Co., Indiana, Pa.
Bentel & Hyland, contractors, Cheviot, Ohio.
Benthall Mach. Co., coffee pickers, 115 Shoop, Suffolk, Va.
Bentley, A. P., lbr., Polonia, Wis.
Bentley, A., & Sons Co., contractors, etc., 201-241 Belmont av, Toledo, Ohio.
Bentley, F. A., machst. & fndr., West Point, Miss.
Bentley & Gerwig Furniture Co., Parkersburg, W. Va.
Bentley, Harry H., architect, Monroe Bldg., Chicago, Ill.
Bentley, J. A., Lumber Co., Zimmerman, La.
Bentley Lbr. Co., Brantley, Ala.
Benton, Arthur B., architect, 114 N. Spring, Los Angeles, Cal.
Benton & Benton, architects, S. W. corner Main & 10th, Richmond, Va.
Benton County Hardware Co., Rogers, Ark.
Benton County Lbr. Co., Philomath, Ore.
Benton, E. R., architect, 67 Milk, Boston, Mass.
Benton Electric Co., machsts. & fndrs., La Crosse, Wis.
Benton Harbor Malleable Foundry Co., castings, Benton Harbor, Mich.
Benton, L. F., Co., spark plugs, Vergennes, Vt.
Benton Mfg. Co., machinists, Monticello, Ga.
Benton Mfg. Co., machinists, 9 Bethune, New York.
Benton, Perry T., architect, Green Bay, Wis.
Benton Supply Co., fertilizer, Monticello, Ga.
Benton, Wm. H., architect, Bond Bldg., Washington, D. C.
Bentonville Milling Co., flour, Bentonville, Va.
Bentz, Frank B., machsts. & fndrs., Brunnerville, Pa.
Benzo Chemical Co. xeroform, 39 Cortland, New York.
Bentz, Harry, Engineering Co., Inc., air conditioning machy., 90 West, New York
Benz, Adam, & Son, machsts. & fndrs., Bank & Central, Cincinnati, Ohio.
Benzie & Campbell, granite, St. Cloud, Minn.
Berbecker, Julius, & Sons Co., hardware, Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., brass specialties & hardware mfrs., Waterville, Conn.
Berbert, A., & Bro., surgical instruments, 436 Powell, San Francisco, Cal.
Berchem, Julius, founders, 4921 W. Lake, Chicago, Ill.
Berdel, J. G., contractor, Canton, Ohio.
Berdon-Campbell Furn. Co., Dept. H, Lake Charles, La.
Berea Canning Co., Berea, Ky.
Bereda Mfg. Co., varnish mfrs., Zion City, Chicago, Ill.
Berendsen Sophus, Inc., iron & steel, etc., 15 Broad, New York.
Berenson & Moses, architects, 1026 Main, Hartford, Conn.
Berg Auto. Trunk & Spec. Co., 400 Lafayette, New York.
Berg & Beard Mfg. Co., rat exterminators, 100 Emerson pl, Brooklyn, N. Y.
Berg Bros., advg. nov., 480 B'way, New York
Berg Bros. Mfg. Co., air brushes, 3757 W. North av, Chicago, Ill.
Berg, Chas. I., architect, 331 Madison av., New York.
Berg Co., glue mfrs., Ontario below Richmond, Philadelphia, Pa.
Berg, David, Distilling Co., denatured alcohol, Delaware & Tasker, Philadelphia, Pa.
Berg, Edward J., architect, 223 Elizabeth, Utica, N. Y.
Berg, F. O., Co., contrs. tents, Spokane, Wash.
Berg, James, Mfg. Co., hydrometers & thermometers, 3707 12th av, Brooklyn, N. Y.
Berg, John, & Bro. See Berg, John Mfg. Co. (successor).
Berg, John Mfg. Co., ironing boards & tables, ladders, extension planks, stages & trestles, 5001 S. Wells, Chicago, Ill.
Berg, Louis O., machinist, Madison, Minn.
Bergami, F. Nicholas, granite producers, Milford, N. H.
Bergbom & Roberg, ironing machs., 218 N. Jefferson, Chicago, Ill.
Berge, J. & H., chemical app., crucible mfrs., etc., 95 John, New York.
Bergen, C. W., architect, Masonic Bldg., Savannah, Ga.

Bergen, E., & Sons, masons' & bldrs.' matls., Waterbury, Conn.
Bergen, J. D., Co., cut glassware, Meriden, Conn.
Bergen & Lindeman, contractors, 140 Liberty, New York.
Bergen Paper Co., Ridgefield Park, N. J.
Bergen Point Iron Wks., Bayonne, N. J.
Bergendahl-Knight Co., contractors, 111 W. Monroe, Chicago, Ill.
Berger, A. A., & Co., iron (architectural & ornamental), Houston, Tex.
Berger Aiken Coal Co., coke, H Oliver Bldg., Pittsburgh, Pa.
Berger, Albert, & Co., lenses, watch crystals, 45 John, New York.
Berger Bros., charcoal, 1186 Cherry av, Chicago, Ill.
Berger Bros., fertilizer mfrs., Easton, Pa.
Berger Bros. Co., tin plates & metals, 229 Arch, Phila., Pa.
Berger, Bruno W., & Son, architects, 121 Bible House, New York.
Berger, C. L. & Sons, engineering & surveying instruments, 35 Williams, Boston, Mass.
Berger, Carl P., architect, S. Penn Sq. Bldg., Philadelphia, Pa.
Berger & Carter Co. (owners of Pacific Tool & Supp. Co.), mach. shop equipt., tool & supps., main office at 365 Market, San Fransisco, Cal.
Berger, Chas., macnst. & fndr., Belleville, Ill.
Berger & Co., filing safes, Canton, Ohio.
Berger, Mrs. Chas. E., flour mills, Trout Run, Pa.
Berger, Edw. W., & Bro., mill, facty. & plumbers' supplies (jobbers), Weehawken, N. J.
Berger, Glose Co., wholesale hardware, Allentown, Pa.
Berger, Gustav, sash, door & blind mfrs., 1143 N. Front, Philadelphia, Pa.
Berger, H., Sons, stucco wk., papier mache mfrs., 346 E. 34th, New York.
Berger & Hawden Mfg. Co., egg automatic boilers, Homestead, Pa.
Berger, L. D., Co., tin plate, metals, etc., 59 N. 2nd, Phila., Pa.
Berger, Louis, & Co., architects, 1652 Myrtle av., Evergreen, N.Y.
Berger Mfg. Co., roofing, etc., Canton, Ohio.
Berger Mfg. Co. of Cal, corr. iron mfrs., 1120 Mission, San Francisco, Cal.
Berger Mfg. Co., elec. portables, 516 W 25th, New York.
Berger, Richard, architect, 309 B'way, New York.
Berger, S. K., plate glass, 414 S. Dearborn, Chicago, Ill.
Berger, William, & Co., bed springs, mattresses, etc., 392 Florida, Milwaukee, Wis.
Berger & Wirth, printing inks, 58 Columbia Hts., Brooklyn, N. Y.
Bergeron, H. J., machinist, Houma, La.
Bergeron, J. L., & Son, contractors, Burlington, Vt.
Bergesen, John, architect, 153 W. 126th, New York.
Bergey, Aaron E., architect, Bessemer Bldg., Pittsburgh, Pa.
Berggren & Pearson Mach. Co., 221 Canal, New York.
Bergh, W. H., furn., Dept. H, Redding, Calif.
Berghausen Machine Co., 2128 Colerain av, Cincinnati, Ohio.
Berghofer, Mitchell Co., machinists, Quincy, Ill.
Bergholtz, Edmund, architect, Spalding Bldg., Portland, Ore.
Bergholtz, Strodtz & Co., machinists, 2230 Ogden av, Chicago, Ill.
Bergie Nat'l Spark Plug Co., 7th & 19th av, Rockford, Ill.
Bergin, M. J., Lbr. Co., 225 Dennison av, Columbus, Ohio.
Bergland, G. A., lbr., Matthews bldg., Milwaukee, Wis., and Bergland, Mich.
Berglas, M. P., Mfg. Co., plumbers' wood wk., 10 Fulton, Brooklyn, N. Y.
Berglund, Chas., & Son, cornices, 236 E. 47th, New York.
Bergman, Andrew, contractor, Troy, N. Y.
Bergman, Harold A., architect, 331 Madison av, New York.
Bergman, Jos. A., & Son, contractors, 2610 Wylie av, Pittsburgh, Pa.
Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Bergman, W., Hardware Co., 44 Genesee, Buffalo, N. Y.
Bergmann, F. J., soap, 413 W. Morris, Indianapolis, Ind.
Bergner, Fred, & Co., jewelers' boxes, Paca & Cross, Baltimore, Md.
Bergougnan Rubber Corp., tires, Trenton, N. J.
Bergquist, B., dumb waiters, 534 Union, Brooklyn, N. Y.
Bergquist Bros., contractors, Duluth, Minn.
Bergstein Bros., mattresses, 208 Plymouth av, N., Minneapolis, Minn.
Bergstrom, A. B., machinist, Norfolk, Neb.
Bergstrom & Bass, machinists, 158 2d av, Brooklyn, N. Y.
Bergstrom, C. H., carriages, Neenah, Wis.
Bergstrom, Edwin, architect, Cit. Nat. Bk. Bldg., Los Angeles, Cal.
Bergstrom Paper Co., Neenah, Wis.
Bergstrom Stove Co., Neenah, Wis.
Berhard, Mercer, Co., masons' & bldrs.' matls., Burlington, Ia.
Bering, C. L. & Theo., Jr., wholesale hardware, Houston, Tex.
Bering-Cortes Hardware Co., Houston, Tex.
Bering Mfg. Co., sash, door & blind mfrs., Houston, Tex.
Beringer Hardware Co., Purcell, Okla
Berk Bros., bottle openers, 543 B'way, New York.
Berka, F., masons' & bldrs.' matls., Santa Rosa, Cal.
Berkebile Bros., contrs., Johnstown, Pa.
Berkefeld Filter Co., 162 William, New York.
Berkeley, Fourniss Co., machsts. & fndrs., Madison, Wis.
Berkeley Iron Works, Berkeley, Cal.
Berkely Mfg. & Supply Co., waist & packing, 640 Paronia av, Jersey City, N. J.
Berkheimer, J. E., Mfg. Co., asphalt, roofing, Tacoma, Wash.
Berkheimer & Laumers, stoves, Greenville, O.
Berkheiser, W. H., Planing Mill, Corinth, Miss.
Berkley Box & Lbr. Co., Inc., Norfolk, Va.
Berkley Chemical Co., fertilizer mfrs., Norfolk, Va.
Berkley & Gay Furn. Co., Dept. H, Grand Rapids, Mich.
Berkley Machine Works, Berkley, Va.
Berkley Mach. Wks. & Fdry. Co., Norfolk, Va.
Berkley, W. A. Furn. Co., Dept. H, Grand Rapids, Mich.
Berkowitz Envelope Co., Kansas City, Mo.
Berks Engineering Co., Reading, Pa.
Berkshire & Becket Silk Co., silk thread, Becket, Mass.
Berkshire Fertilizer Co., Bridgeport, Conn.
Berkshire Glass Sand Co., Cheshire, Mass.
Berkshire Hardware Co., Pittsfield, Mass.
Berkshire Hills Co., lime, Sheffield, Mass.
Berkshire Hills Paper Co., Adams, Mass.
Berkshire Iron Wks., 120 B'way, New York.
Berkshire Iron Wks., blast furnace, Cheshire, Mass.
Berkshire Lumber Co., Pittsfield, Mass.
Berkshire Mfg. Co., foundry molding machines, Whitney Power blk., Cleveland, Ohio.
Berkshire Mill Supply Co., Pittsfield, Mass.

Berla, Elias, cornices, 232 Mulberry, Newark, N. J.
Berlenbach, Francis J., architect, 260 Graham av, B'klyn, N. Y.
Berlin Aniline Wks., 213 Water, New York.
Berlin Brick Co., Berlin, Md.
Berlin Construction Co., 220 B'way, New York, and Berlin, Conn.
Berlin Fabric Mfg. Co., advtg. nov. & specialties, Berlin, Wis.
Berlin Fdry. & Mach. Co., Berlin, N. H.
Berlin & Jones Envelopes Co., 547 W. 27th, New York.
Berlin Knitting Mills, sweaters, cardigans, etc., 187 Broadway, Brooklyn, N. Y.
Berlin Machine Works, 261 B'way, New York.
Berlin, Robert C., architect, 19 S. La Salle, Chicago, Ill.
Berlinger, J. M., architect, 8 W. 40th, New York.
Berlinghof & George, architects, S. M. L. bldg., Lincoln, Neb.
Berman, Samuel, wholesale hardware, 14 Portland, Boston, Mass.
Bernard, A. M., machsts., New Iberia, La.
Bernard Bros., ties, poles & posts, Land Tile Bldg., Phila., Pa.
Bernard-Greenwood Co., steam fitters' supplies, 20 Desbrosses, New York.
Bernard, J. L. S., contractor, Oak Park, Ill.
Bernard, Phillip, Co., cupolas, Sioux City, Ia.
Bernard, W. J., soap, Seattle, Wash.
Bernardin Bottle Cap Co., Evansville, Ind.
Bernardin, J. M., Lbr. Co., Kansas City, Mo.
Bernd, G., Co., horse collars, Macon, Ga.
Berne Lumber Co., Berne, Ind.
Berne Milling Co., flour, Berne, Ind.
Berner & Freedman, trunk mfrs., 452 B'way, New York.
Berner, H. D., & Winterbauer Co., ale pumps, 380 Lafayette, New York.
Berners, E. C., mucilage pencils, 1404H 15th, Two Rivers, Wis.
Berney-Bond Glass Co., glass bottles, Bradford, Pa.
Bernham, Felix M., architect, 4630 Prairie av, Chicago, Ill.
Bernhard, F. A. & Co., badges & buttons, 275 W. 23d, New York.
Bernhard Mattress Co., 739 Mission, San Francisco, Cal.
Bernhardt, Chas. Wm., contractor, Atlanta, Ga.
Bernhardt, David, Paint Co., Ltd., 321 Camp, New Orleans, La.
Bernhardt, M. E., cigar holders, 148 Chambers, New York.
Bernhardt Mfg. Co., machsts., Edwardsville, Ill.
Bernhardt Niehaus & Co., mchsts. & fndrs., Collinsville, Ill.
Bernhardt-Seagle Co., mill & facty. supplies, Lenior, N. C.
Bernhard, Wilhelm, architect, 138 N. La Salle, Chicago, Ill.
Bernheimer & Blumenthal Co., Inc., wood specialties, 138 W. 14th, New York.
Bernheim Dist. Co., 218 Greenwich, New York.
Bernhisel Construction Co., 105 W. Monroe, Chicago, Ill.
Bernice Lumber Co., Ltd., Bernice, La.
Bernier, Napoleon M., carriages, 46 Point, Providence, R. I.
Bernier, Victor, contractor, 953 Baldwin, Waterbury, Conn.
Bernier & Vanasse, contractors, Northampton, Mass.
Bernreuther, Fred, cornices, Edwardsville, Ill.
Bernritter, Frank H., contractor, 127 N. Dearborn, Chicago, Ill.
Berns & Schlee mchsts. & fndrs., Lyons, N. Y.
Bernstein Mfg. Co., 3rd & Allegheny av, Philadelphia, Pa.
Bernstein, Mitchell, architect, 137 E. 41st, New York.
Bernz, Otto, furnaces & plumbers' tools, 17-37 Ashland, Newark, N. J.
Beronio, J. A., machsts. & fdrs., Memphis, Tenn.
Berrian, Edwd., architect, Hollands, Rockaway Beach, N. Y.
Berrick's, Chas., Sons Co., contractors, 1151 Main, Buffalo, N. Y.
Berridge Bldg. Co., contractors, Passaic, N. J.
Berridge Shear Co., Sturgis, Mich.
Berrigan, J. J., filter presses, Orange, N. J.
Berrigan, Wm. J., contractor, Little Falls, N. Y.
Berry, A. C. U., contractor, Selling Bldg., Portland, Ore.
Berry, A. Hall, 71 Murray, New York.
Berry, Addison C., & Co., architects, Hammond, Ind.
Berry, A., Hein Fan Co., exhaust fans, 92 1st, South Boston, Mass.
Berry & Beckel, contractors, Austin, Minn.
Berry Bros., contractors, Garfield bldg, Cleveland, O.
Berry Bros., bolts & nuts, Columbus, Ohio.
Berry Bros., paint & varnish, Detroit, Mich.
Berry, Chas. E., machsts., Somerville, Mass.
Berry, Chas. H., Supply Co., mill & facty. supplies, Wheeling, W. Va.
Berry, Chas. V., contractor, Mansfield, Ohio.
Berry & Davidson, architects, 29 Central, Boston, Mass.
Berry & Duke, steam fitters' supls., Duke Center, Pa.
Berry, Dernoville & Co., chemicals, drugs, etc., Nashville, Tenn.
Berry Engng. Co., machsts., Chester, Pa.
Berry & Ferguson, masons' & bldrs. matls., 159 Devonshire, Boston, Mass.
Berry Fdry. & Mfg. Co., St. Joseph, Mo.
Berry, Frank A., architect, Atlantic City, N. J.
Berry, Geo., packing box mfrs., North Tonawanda, N. Y.
Berry, Geo. O., brick, Columbus, Ga.
Berry-Glosser Co., junction boxes, Marion, Ohio.
Berry, H. N., machst. & fdr., Greenville, Miss.
Berry Iron & Steel Co., St. Joseph, Mo.
Berry, J. C., architect, Amarillo, Tex.
Berry, J. M. & L. C., iron, 325 W. Ohio, Chicago, Ill.
Berry, Jas. E., brick & fire clay, Woodbridge, N. J.
Berry, James, & Son, scrap rubber, Brockton, Mass.
Berry, Lewis D., machsts., Petrolia, Pa.
Berry Lumber Co., who., 30 Church, New York.
Berry, McKnight Clock Co., switches, Marine City, Mich.
Berry, O. P., Co., excelsior & wood wool mfrs., Wolfeboro Falls, N. H.
Berry Reeves Lbr. Co., Pine Belt, Ala.
Berry, S. H., Hardware Co., Dover, N. J.
Berry, Stephen R., architect, 445 Breckenridge, Buffalo, N. Y.
Berry Stone Co., Ellettsville, Ind.
Berry Union Co., flanged, boltless flanges, etc., unions, 400 Jodchaux bldg, New Orleans, La.
Berry, W. J., & Co., cornices & skylights, Tampa, Fla.
Berry-Wood Piano Player Co., Kansas City, Mo.
Berryman, C. M., masons' & bldrs. matls., Versailles, Ky.
Berryville Canning Co., Berryville, Ark.
Berryville Milling Co., flour mills, Berryville, Ark.
Bers, E. & Co., iron, steel & rubber scrap, 330 S. Del. av, Philadelphia, Pa.
Berschbach & Herz, cornices, 634 Gratiot av, Detroit, Mich.
Berst Mfg. Co., wood skewers, Saginaw, Mich.
Bersted Forming Tool Co., 771 Mather, Chicago, Ill.

Bertels, W. B. & Son Co., Inc., wash boilers, dinner pails, steel drums, tin, oil & plain & lithographed cans for every purpose, etc., Wilkes-Barre, Pa.
Bertelsen Adjustable Grille Co. 2117 S. Troy, Chicago, Ill.
Bertelsen, John, cornices, Rock Island, Ill.
Bertelsen & Petersen Eng. Co., engines, 256 Border, Boston, Mass.
Bertelsman, Glenn Co., screw mach. products, 1119 Hamilton av, Indianapolis, Ind.
Bertha Coal Co., bituminous, Chamber of Commerce bldg, Pittsburgh, Pa.
Bertha Mineral Co., zinc, Pulaski, Va.
Berthe, Albert, fndrs., 763 Patterson av, Jersey City, N. J.
Berthelet, H., Sewer Pipe Co., 4th & Montana avs. Milwaukee, Wis.
Berthold & Jennings Lbr. Co., Arcade bldg, St. Louis, Mo.
Bertholdt, H. C., cornices, Menominee, Mich.
Bertie Cotton Oil Co., Aulander, N. C.
Bertig Bros., ties, Paragould, Ark.
Bertke, H., & Son, contractors, Newport, Ky.
Bertler's, S., Sons Co., brick, Monitowoc, Wis.
Bertling, Paul C. & Son, Galvanizing & Sheet Metal Wks., cornices, Hancock & 18th, Detroit, Mich.
Bertolet & Hunter silica sand, Temple, Pa.
Bertolette Mach. Tool Co., machy. dlrs., new & sec. hd., 220-228 Orient av, Jersey City, N. J.
Bertrand & Chamberlin, architects, N. W. Bk. Bldg., Minneapolis, Minn.
Bertsch & Co., machs. & fdrs., Cambridge City, Ind.
Bertz, Earle A., architect, 68 Post, San Francisco, Cal.
Berube, Alfred A., architect, Grand Central Palace, New York.
Berwick Lumber Co., Ltd., Cleo & Freret, New Orleans, La.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Berwind Lbr. Co., Berwind, W. Va.
Berzen, Nat. E., scrap rubber, 232 South, New York.
Besarick, Wm. H., archit't, 64 Segamore, Boston, Mass.
Besarick, Wm. H., architect, 15 School, Boston, Mass.
Be Saw Tire & Rubber Co., Hartville, Ohio.
Beseler, Chas. Co., stereopticons, 131 E. 23d, New York.
Beseler Oxygen Co., 131 E. 23d, New York.
Beseman, E. J., cornices, 731 San Fernando, Los Angeles, Cal.
Beshers, Robt. L., canned goods, El Paso, Ill.
Beshore, Chas., & Co., cornices, Marion, Ind.
Besly, Chas. H., & Co., machst., mill & facty. tools & supplies, disc grinders, taps, etc., 128 N. Clinton, Chicago, Ill.
Bessel, Wesley, arch't, 56 W. 45th, New York.
Bessell, Wesley S., architect, 56 W. 45th, New York.
Bessman, Samuel P., architect, 20 Clinton, Newark, N. J.
Bessemer Fire Brick Co., Birmingham, Ala.
Bessemer Foundry Co., fndrs., Grove City, Pa.
Bessemer Fdry. & Mach. Co., Bessemer, Ala.
Bessemer Gas Engine Co., Grove City, Pa.
Bessemer Limestone Co., Youngstown, Ohio.
Bessemer Motor Truck Co., Grove City, Pa.
Bessemer Refining Co., petroleum, Titusville, Pa.
Bessemer Soil Pipe Works of the N. O. Nelson Mfg. Co., Bessemer, Ala.
Besser, Edwin E., Co., Inc., toys, 41 Union sq, New York.
Besser Mfg. Co., machy., Alpena, Mich.
Bessie Furnace Co., Oliver Bldg., Pittsburgh, Pa.
Bessler, Edw. W., architect, 504 Marengo av, Forest Park, Ill.
Best Brothers Keen's Cement Co., Medicine Lodge, Kans.
Best Builders' Supply Co., Marion Bldg., Cleveland, Ohio.
Best, C. L., Gas Traction Co., Oakland, Cal.
Best-Clymer Mfg. Co., canned goods, Virginia & Davis, St. Louis, Mo.
Best Co., power plant piping, steam fitters' supps., Arnott bldg, Pittsburgh, Pa.
Best, E., Plumbing, Htg. & Supply Co., Quincy, Ill.
Best, Edw. H., & Co., felt blankets, 222 Purchase, Boston, Mass.
Best Elec. Co., Vanadium Bldg., Pittsburgh, Pa.
Best Foundry Co., Bedford, Ohio.
Best, H. D., Co., contractors, 52 Vanderbilt av, New York.
Best, J. A., & Co., cornices & skylights, Allentown, Pa.
Best, John H., & Sons, display racks, Galva, Ill.
Best, Jos. B., contractor, Woodbury, N. J.
Best Karl I. & Co., architects, 6523 Euclid av, Cleveland, Ohio.
Best, L. Co., emery wheel mfrs., 75 Barclay, New York.
Best Light Co., machst. & fdrs., 479 2nd, N. E., Canton, Ohio.
Best Mfg. Co., advtg. nov. & spec., New Haven, Conn.
Best Mfg. Co., bank fixtures & sash doors, Peoria, Ill.
Best Mfg. Co., castings, A & 1st, Pittsburgh, Pa.
Best Mfg. Co., fly killers, Charlotte, Mich.
Best Mfg. Co., plumbers' supplies, jobbers, 4610 St. Clair av, Cleveland, Ohio.
Best Register Co., registers & grilles, 15th & Oklahoma Av, Milwaukee, Wis.
Best, Richard, lead pencils, 54 Lafayette, New York.
Best Stove Co., gas stoves and ranges, 39 Atwater av, Detroit, Mich.
Best, W. N., Inc., metal furnace mfrs., 11 B'way, New York.
Betaw Tire & Rubber Co., Hartville, Ohio.
Betcher, Chas., Lbr. Co., Red Wing, Minn.
Bethania Stock Co., flour, Bethania, N. C.
Bethany Canning Co., Bethany, Mo.
Bethel, Geo. D., sash, door & blind mfrs., Antwerp, N. Y.
Bethlehem Coal Co., Fairmont, W. Va.
Bethlehem Construction Co., fabricated structural steel for all purposes, Bethlehem, Pa.
Bethlehem Fabricators, Inc., steel structural wk. & coal breakers bldgs., Bethlehem, Pa.
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Bethlehem Lime & Stone Co., Bethlehem, Pa.
Bethlehem Motor Corp'n, Allentown, Pa.
Bethlehem Paint Co., Bethlehem, Pa.
Bethlehem Roofing & Metal Wks., Bethlehem, Pa.
Bethlehem Shipbldg. Corp., South Bethlehem, Pa.
Bethlehem Steel Bridge Corp., So. Bethlehem, Pa.
Bethlehem Steel Co., iron & steel mfrs., S. Bethlehem, Pa.
Bethlehem Snap Fastener Co., 1013 Myrtle av, Brooklyn, N. Y.
Bethman, August, willow ware mfr., Dublin, Pa.
Bethume & Fuchs, architects, 215 Franklin, Buffalo, N. Y.
Betkouskie, Martin F., plastic orna., Los Angeles, Cal.
Betson Plastic Fire Brick Co., Rome, N. Y.
Betsey Ross Flag Co., Newburgh, N. Y.
Bettcher, Geo. L., architect, Empire Bldg., Denver, Colo.
Bettcher Stamping & Mfg. Co., sheet metal stamping, 6120 Clark av, S. W. Cleveland, O.
Bettendorf Co., cars, Bettendorf, Ia.
Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.
Bettendorf Stone Co., Bettendorf, Ia.
Better, Jos., stone producer, New Philadelphia, Ohio.
Better Way Products Co., cereal foods, San Diego, Cal.
Betterman, Reinhold, boiler flue plugs, Johnstown, Pa.
Bettes, A. O., Mfg. Co., metal polish, 1208 E. 12th, Kansas City, Mo.
Bettes & Ebsen, automobile & mill & factory supplies, 152 Chambers, New York.
Bettes, H. S., Hardware Co., Paris, Tex.
Bettis, H., Co., cooperage stock, Wheeling, W. Va.
Bettler, C. L. & Son, boxes—rural mail, Wapello, Ia.
Betton, Chas. L., architect, 31 Exchange, Lynn, Mass.
Betton, J. M., sand blast machs., etc., 59 Pearl, New York.
Betts & Betts Corp., welding & cutting apparatus & signs, motors, etc., 513 W. 42nd, New York.
Betts, C. F., contr., Sioux City, Ia.
Betts, Chas. M., & Co., see Betts Lumber Co. (successors).
Betts Lbr. Co., Bailey Bldg., Phila., Pa.
Betts Machine Co., heavy duty machine tools, 420 Blossom rd, Rochester, N. Y. *See adv index at end of book*
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Betts Street Furn. Co., 920 H. Betts, Cincinnati, Ohio.
Betts Supply Co., mill & facty. supplies, 406 S. Franklin, Syracuse, N. Y.
Betts, W. L., machsts., Petroleum Center, Pa.
Betty & Sons, lbr., Montgomery, Ala.
Betz Bros., metal covered doors, 34 James av, Jersey City, N. J.
Betz, C. F., contractor Sioux City Ia.
Betz, Frank S., Co., machsts., Hammond, Ind.
Betz, Gerard W., architect, Kingston, N. Y.
Betz, Jacob, stone producers, Lancaster, Pa.
Betz-Pierce Co., airplane parts, nickel steel merchants, 2230 E. 9th, Cleveland, Ohio.
Betzler, Geo. J., contractor, 2622 Marshall, Minneapolis, Minn.
Beuchner & Orth, architects, Shubert Bldg., St. Paul, Minn.
Beucler, L. A., & Co., masons' & bldrs. matls., Mowrytown, O.
Beuerlein, F. X., mchsts. & fdrs., Lawrenceburg, Tenn.
Beutel, H. M., architect. First Nat'l Bk. Bldg., El Paso, Tex.
Beutel Pickling & Canning Co., Bay City, Mich.
Bentell, Russell L., architect, Peters Bldg., Atlanta, Ga.
Beuthin, Chas. F. W., mchsts. & fdrs., Prairie Du Chien, Wis.
Beuttell Hy., & Sons, linoleum mfrs., 114 5th av, New York.
Beuttler & Arnold, architects, Grain Exchange bldg, Sioux City, Ia.
Beuttler, John F., architect, Phelan Bldg., San Francisco, Cal.
Beveridge Paper Co., Indianapolis, Ind.
Beveridge, S. T. & Co., fertilizer mfrs., Richmond, Va.
Beveridge & Taylor, Inc., wagon spokes, Bristol, Tenn.
Beveridge, W. H., Jr., contractor, Richmond, Va.
Beverley, R. C., Heating Co., heating contractors, 9 N. 7th, Richmond, Va.
Beverly Mfg. Co., pennant mfrs., Staunton, Va.
Beverly Textile Mills, Beverly, N. J.
Beverly, W. E., lumber, Thomasville, Ga.
Beverstock, O. D., Co., plant sticks, rims—sieve & riddle, Keene, N. H.
Bevin Bros. Mfg. Co., mchsts. & fdrs., East Hampton, Conn.
Bevins, Chas. L., architect, Jamestown, R. I.
Bevis Rock Salt Co., Arcade bldg, St. Louis, Mo.
Bewley, Geo. P., lbr., Berwyn, Md.
Bewley Mills, flour, Ft. Worth, Tex.
Bexall, W. W. & Co., railroad contrs., Roanoke, Va.
Beyer, F. D., & Co., masons' & bldrs. matls., Tyrone, Pa.
Beyer, Max J., architect, 79 River, Hoboken, N. J.
Beyerle, J. J., Mfg. Co., dress shields, 81 S. 5th, B'klyn, N. Y.
Beyerlein, John N., carriages, 5336 South Park av, Chicago, Ill.
Beyster Bros., contractors, 1964 Fort W., Detroit, Mich.
Beyster Jno., lumber, 875 Fort, W. Detroit, Mich.
B. & H. Supply Co., whol. hdwe., contrs., mill & facty. supplies, 115 Mathewson, Providence, R. I.
Bialek, Wm., machsts., Terre Haute, Ind.
Bianchi, Chas., & Sons, granite, Barre, Vt.
Bianchi, G. R., Granite Co., Montpelier, Vt.
Bibb, B. C., Stove Co., 109 Light, Baltimore, Md.
Bibb Brick Co., Macon, Ga.
Bibb Mfg. Co., cordage & twine, Macon, Ga.
Bibb Sewer Pipe Co., Macon, Ga.
Biberstein, R. C., architect, Charlotte, N. C.
Bicalky Fan Co., Buffalo, N. Y.
Bichler Mfg. Co., boilers, stacks, steel plate wk., etc., St. Joseph, Mo.
Bick, J. N., concrete steel construction, Toledo, Ohio.
Bick, Jacob N., contractor, The Nasby, Toledo, O.
Bickel, Chas., architect, May Bldg., Pittsburgh, Pa.
Bickel, Chas. F., Co., Inc., dredging contrs., 30 Church, N. Y.
Bickel, Chas. H., architect, New York bldg, Seattle, Wash.
Bickel Hy., Co., contrs., Louisville, Ky.
Bickel, T. W., mach. & fdr., Alva, Okla.
Bickelhaupt, Geo., green house bldrs., 722 11th av, New York.
Bickerstaff Brick Co., Brickyard, Ala.
Bickett Machine & Mfg. Co., bench milling machines, Cincinnati, Ohio.
Bickford Bros. Co., hammock mfrs., Rochester, N. Y.
Bickford Fire Brick Co., see Crescent Refractories Co. (successor),
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Bickford, H., & Co., boring & turning mills mfrs., Lakeport, N. H.
Bickford, H. H., architect, 118 Lake, Elmira, N. Y.
Bickford, H. M., Co., lumber, 70 Kilby, Boston, Mass.
Bickford, John H. Co., architects, 40 Central, Boston, Mass.
Bickford Machine Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
Bickhardt, Andrew, cornices, 3540 Bronx blvd, New York.
Bickhaus File Co., Quincy, Ill.
Bicking Paper Co., presses, 111 N. 2nd, Philadelphia, Pa.
Bicking, S. Austin, Paper Mfg. Co., box bd mfrs. & indented paper, East Downingtown, Pa.
Bickmore Gall Cure Co., Old Town, Me.
Bicknell, Alfred H., architect, 3801 N. Hoyne av, Chicago, Ill.
Bicknell, Geo. H., Co., boot & shoe counters, Weymouth, Mass.
Bicknell Mfg. & Supply Co., wholesale hardware & mill & facty. supps., Janesville, Wis.
Bicknell-Thomas Co., tap chucks, tapping attachments, machy. & gauges, etc., mfrs., Greenfield, Mass.
Bickta, Chas. F., hair plastering, Wilmington, Del. ton, Del.
Bicycle Step Ladder Co., 6 W. Randolph, Chicago, Ill.
Biddeford Box Co., box shooks, Biddeford, Me.

Biddeford Variety Mfg. Co., wash boards, pastry boards, etc., Biddeford, Me.
Biddison Mfg. Co., lubricators, Madison, Wis.
Biddle-Gaumer Co., fndrs., 3846 Lancaster av, Philadelphia, Pa.
Biddle Hardware Co. (see Supplee Biddle Hdwe. Co.)
Biddle, Jas. G., instruments (electrical testing, etc.), 1211 Arch, Philadelphia, Pa.
Biddle Motor Car Co., Real Estate Trade bldg., Philadelphia, Pa.
Biddle Piano Co., 107 E. 128th, New York.
Biddle Purchasing Co., wholesale hardware, 105 Chambers, New York, & 208 S. La Salle, Chicago.
Biddle & Smart Co., automobile bodies, Amesbury, Mass.
Bidle, W. S., Co., steel hardening, 1411 E. 45th, Cleveland, O.
Bidtel Chemical Wks., Inc., 51 Front, New York.
Bidwell, Edmund, architect, Corbett Bldg., Portland, Ore.
Bidwell Foundry & Mach. Co., Sharon, Pa.
Bidwell, F. S., Co., masons' & bldrs. matls., Windsor Locks, Conn.
Bidwell, J. C., & Co., mill & facty. supplies, Hartford, Conn.
Bieber, Wm. S., flour mills, Clarkstown, Pa.
Biecker, Jos. H., contractor, First Nat. Bk. Bldg., Cincinnati, O.
Biefield, O., & Co., mchsts. & fdrs., Watertown, Wis.
Bieg, Fred, Box Co., 40 Gold, New York.
Bieg, Hy., sinks & trays, 50 Wallabout, Brooklyn, N. Y.
Biegert, J. C., Machine Wks., shingle saw collars, Seattle, Wash.
Biegler, Louis, Co., cornices, 167 N. Curtis, Chicago, Ill.
Biehl, Edward, common brick, Pana, Ill.
Biehl Iron Works, Inc., industrial cars & equipment, Reading, Pa. *See adv index at end of book*
Biehl's Carriage & Wagon Wks., Reading, Pa.
Bieker Bros. Co., masons' & bldrs.' matls., Hammond, Ind.
Biele, Chas. F. & Sons Co., drawn metal mouldings, etc., 381 W. 12th, New York.
Bielecky Bros., Inc., willow ware mfrs., 705 3d av, New York.
Billenberg, A. Co., color, paint & varnish, 18H Ash, Jersey City, N. J.
Bielhen Fdry. & Mach. Wks., St. Joseph, Mo.
Bien & Peters, masons' & bldrs.' matls., Belleville, Ill.
Bienville Lumber Co. (Ltd.), Alberta, La., & Forest, Miss.
Bier, Chas. W., architect, 219 6th, Pittsburgh, Pa.
Bierbaum-Dollar, heating & ventigating engrs., Buffalo, N. Y.
Bierman-Everett Fdry. Co., junction boxes, Irvington, N. J.
Bierman, F., & Sons, scrap rubber, St. Louis, Mo.
Bierman, John A., meat packers, Wilmington, Del.
Biersach & Niedermeyer Co., cornices, sheet metal doors, etc., 220 5th. Milwaukee, Wis.
Biertuempfel Bros. Cork Co., 37 Av L, Newark, N. J.
Biesanz Stone Co., gravel washers, Winona, Minn.
Biescar Bros., bank & office railings, Los Angeles, Cal.
Biesenger, Geo. L., contractor, 865 Downington av, Salt Lake City, Utah.
Bies, J., fnder., Michigan City, Ind.
Biever, A. W., Plumbing & Htg. Co., Aurora, Ill.
Big Bay Lumber Co., 2345 Loomis, Chicago, Ill.
Big Bend Milling Co., flour, Davenport, Wash.
Big Creek Coal Co., 122 S. Michigan av, Chicago, Ill.
Big Creek Shingle Co., lumber mfrs., Tacoma, Wash.
Big Creek Timber Co., lumber, Aberdeen, Wash.
Big Diamond Mills Co., feed, 922 Flour Exch., Minneapolis, Minn.
Big Falls Paper Co., Rock City Falls, N. Y.
Big Four Canning Co., Stanley, Wis.
Big Four Clay Co., Canton and Malvern, Ohio.
Big Four Crushed Stone Co., Ingalls, Ind., and Van Wert, Ohio.
Big Four Stone Co., New Point, Ind.
Big Lalkehatchie Cypress Co., lbr., Varnville, S. C.
Big Pine Lumber Co., Ltd., Colfax, La.
Big Rapids Furn. Mfg. Co., Dept. H, Big Rapids, Mich.
Big Rock Stone & Construction Co., Little Rock, Ark.
Big Run Mfg. Co., cooperage, Allentown, Pa.
Big Salkehatchie Cypress Co., lbr. mfrs., Varnille, S. C.
Big Sandy Hardware Co., Paintsville, Ky.
Big Sandy Lbr. Co., Hull, Ala.
Big Sandy Milling Co., flour, Louisa, Ky.
Big Savage Fire Brick Co., Frostburg, Md.
Big Vein Mining Co., coal, Terre Haute, Ind.
Bigelow Bros., lumber, Bowling Green, Ohio.
Bigelow Bros. & Walker Co., lumber mfrs., 5 N. La Salle, Chicago, Ill.
Bigelow, Cheney, Wire Wks., Springfield, Mass.
Bigelow Co., boilers, machsts., etc., New Haven, Conn.
Bigelow-Cooper Co., lbr., Bay City, Mich.
Bigelow, Donovan & Hettler, whol. hdwe. & mill & facty. supplies, 229 Franklin, Boston, Mass.
Bigelow & Dowse Co., whol. hdwe. & mill & facty. supplies, 229 Franklin, Boston, Mass.
Bigelow, F. A., & Son, masons' & bldrs.' matls., Peninsula, Ohio.
Bigelow, Kennard & Co., elec. & gas light fix. mfrs., 511 Washington, Boston, Mas.
Bigelow Varnish Co., 87 Oliver, Newark, N. J.
Bigelow, W. C., paper & pulp mill architect, Biddeford, Me.
Bigelow & Dadsworth, architects, 3 Hamilton pl, Boston, Mass.
Biger, Leonard, canned goods, Kenton, Del.
Bigger, C. H., architect, Bakersfield, Cal.
Biggar Bros., loose pulley oilers, Oneida, N. Y.
Biggar, J. W., architect, West Tampa, Fla.
Biggers, J. J. W., architect, Atlanta Trust Bldg., Atlanta, Ga.
Biggin, Chas. P. Co., arch'l iron, structural steel, etc., 1829 Harlin, Phila., Pa.
Biggin, Frederic, architect, Polytechnic Institute, Auburn, Ala.
Biggins Thos., contractor, Waynesburg, Pa
Biggs, B. F., Co., masons' & bldrs.' matls., Pomeroy, Ohio.
Biggs, B. F., Pump Co., Lafayette, Ind.
Biggs Boiler Works Co., boilers, tanks, vulcanizers, Case av & Williams, Akron, Ohio. *See adv index at end of book.*
Biggs, D. M., & Co., contractors, 60 Marsh, Boston, Mass.
Biggs, E. W., & Co., tallow, Kansas City, Mo.
Biggs Heating Co., heating contractors, 917 H, N. W., Washington, D. C.
Biggs Kurtz Hdwe. Co., whol., Grand Junction, Col.
Biggs & Son, contractors, Springfield, Ill.
Biggs, Wm., contractor, Ann Arbor, Mich.
Biggs-Watterson Co., machy. dlrs. & traveling cranes, 1237 W. 9th, Cleveland, Ohio.
Bigheart Producing & Refining Co., petroleum, Tulsa, Okla.
Biglow, E. Co., brick & tile, New London, Ohio.
Bignall Co., machsts. & fndrs., Medina, N. Y.
Bignall & Keeler Machine Works, dies, grinders, pipe & tube mill machy., Edwardsville, Ill.

Bigney, C. I. Construction Co., 898 Westminster, Providence, R. I.
Bigney, E. H., constr. See Bigney, C. I., Constr. Co. (successor).
Bigney, Marion E., wood handles, Moores Hill, Ind.
Bihn & Wolff Co., lamp black mfrs., Ash & Almond, Phila., Pa.
Bijur Motor Appliance Co., electric lighting systems & starters for automobiles & motor boats, 15th & Garden, Hoboken, N. J.
Bikel, Henry F., architect, 3301 Gough, Baltimore, Md.
Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.
Bilderbeck & Langdon, architects, 253 State, New London, Conn.
Bilek, Stephen, Co., embossed mouldings, 2117 S. Troy, Chicago, Ill.
Biles, N. D., & Co., masons' & bldrs.' matls., St. Joseph, Mo.
Bilger, Nicholas, Webbing Co., 2636 N. Hutchinson, Phila., Pa.
Bilger, S. L., contractors, Shamokin, Pa.
Bilgram Machine Wks., gears and gear cutting machinery, 1231 Spring Garden, Philadelphia, Pa.
Bilhorn Bros., organs, 133 W. Lake, Chicago, Ill.
Bill, Bell & Co., flour mills, Ogdensburg, N. Y.
Bille, Hans, & Co., sash, door & blind, Marshfield, Wis.
Biller, John, contractor, 460 Montgomery, San Francisco, Cal.
Biller & Spawn, cornices, 114 1st, New York.
Billingham Brass & Mach. Co., Trenton, N. J.
Billings,-Brown Co., belt dressing, Cleveland, Ohio.
Billings Canning Co., Billings, Mo.
Billings-Chapin Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.
Billings, D. L., & Co., pipe hangers, 762 Dudley, Boston, Mass.
Billings Hardware Co., Billings, Mont.
Billings Lbr. & Coal Co., sashes, doors, etc., Billings, Mont.
Billings, Paul, & Sons, masons' & bldrs. matls., & mill & facty. supplies, Tunkhannock, Pa.
Billings Sidewalk & Coal Co., Hartford, Conn.
Billings & Spencer Co., hdwe. mfrs.; machsts. tools; drop forging, etc., Hartford, Conn.
Billings Union Trowel Wks., Irvington, N. J.
Billingsley, R., contractor, Plymouth bldg, Minneapolis, Minn.
Billington, Jas. H., Co., mill & facty. supplies, 113 Chestnut, Philadelphia, Pa.
Billmeyer, A. F., architect, Grand Rapids, Wis.
Billmeyer Lbr. Co., Cumberland, Md.
Billow-Firestone Co., spring beds, Columbus, Ohio.
Billquist, T. E., architect, Vandergrift Bldg., Pittsburgh, Pa.
Billstrom, Nels J., machinist, Rockford, Ill.
Billups, C., Son & Co., agricultural implements, Norfolk, Va.
Biloxi Canning Co., Biloxi, Miss.
Biltmore Wheat Hearts Co., Asheville, N. C.
Bilton Machine Tool Co. (The), gear milling & plain horizontal milling, rivetting & drilling machines; mfrs., Bridgeport, Conn.
Bilt-Rite Baby Carriage Co., 40 Stockton, Brooklyn, N. Y.
Bilt-Well Sign System Elec. Co., 115 E. 15th, New York.
Bimel-Ashcroft Mfg. Co., wagon spokes, Poplar Bluff, Mo.
Bimel-Ashcroft Mfg. Co., wagon spokes, Dermoth, Ark.
Bimel Spoke & Auto. Wheel Co., Portland, Ind.
Binder Bros., common brick, Emaus, Pa.
Binder Elevator & Electric Co., Birmingham, Ala.
Binder, John F., kitchen boilers, 6 W. Lake, Chicago, Ill.
Binder & Binder, architects, 255½ S. 1st, San Jose, Cal.
Bindley Hdwe. & Mfg. Co., tin plate, metals, etc., Pittsb'gh, Pa.
Binford, Jos., & Sons, masons' & bldrs.' matls., Crawfordsville, Ind.
Bing & Bing Constr. Co., Inc., 119 W. 40th, New York.
Bing Bros., mechl. toys, games, etc., 381 4th av, New York.
Bing, John, churns, alcohol stoves, 381 4th av, New York.
Bingen Brick Co. (Ltd.), South Bethlehem, Pa.
Bingham Bros., masons' & bldrs.' matls., New Ulm, Minn.
Bingham Hdwe. Co., Superior, Wis.
Bingham, J. B., packing box mfr., Bennington, Vt.
Bingham, J. F., Mfg. Co., tinware, Lawrence, Mass.
Bingham Lbr. Co., Bingham, Me.
Bingham Mills, flour, Talladega, Ala.
Bingham Stamping & Tool Co., 1435 Dorr, Toledo, O.
Bingham & Taylor, founders, Ellicott sq., Buffalo, N. Y.
Bingham Trunk Co., 39 Mechanic, Buffalo, N. Y.
Bingham, W., Co., whol. hdwe. & mill & facty. supplies, 1278 W. 9th, Cleveland, Ohio.
Binghamton Boiler Compound Co., Binghamton, N. Y.
Binghamton Brick Co., Binghamton, N. Y.
Binghamton Flexible Shaft Co., Binghamton, N. Y.
Binghamton Glass Co., Binghamton, N. Y.
Binghamton Hdwe. Spec. Co., Binghamton, N. Y.
Binghamton Mach. Wks., centering machs., Binghamton, N. Y.
Binghamton Mfg. Co., coal chutes, Binghamton, N. Y.
Binghamton Metal & Paper Co., scrap rubber, Binghamton, N. Y.
Binghamton Oil Refg. Co., lubrg., Binghamton, N. Y.
Binghamton Paving Block Co., brick, Binghamton, N. Y.
Binghampton Washing Mach. Co., see Nineteen Hundred Washer Co. (successors).
Binghamton Whip Co., stocks & lashes, Binghamton, N. Y.
Bings Weedless Fish Hook Co., 84 Loan & Trust, Milwaukee, Wis.
Binkley Buggy Co., carriages, Tipton, Ind.
Binner, Theo., archl. decorators, 423 14th, San Francisco, Cal.
Binney, Arthur, naval architects, 70 Kilby, Boston, Mass.
Binney Machine Wks., Big Rapids, Mich.
Binney & Smith Co., clays, minerals, etc., 81 Fulton, New York.
Binns, Hy., fndrs., Passaic, N. J.
Binns Patent Band Co., tinsel cords, tex. machy (spindle hook bands), 1842 Gtn. av, Philadelphia, Pa.
Binns, Wm. H., machinist, 416 Harrison, San Francisco, Cal.
Binswanger, B. & Co., paint mfrs., 329 N. 3rd, Philadelphia, Pa.
Binswanger & Co., glass, Richmond, Va.
Binswanger, H. P., clays, ores, minerals, 7 W. 16th, New York.
Biograph Co., moving picture films, 807 E. 175th, New York.
Bippus, Jacob, & Son, contrs., Evansville, Ind.
Bippus Tile Co., Bippus, Ind.
Birch & Bassett, masons' & bldrs. matls., Dover, N. J.
Birch & Birch, machs. & fdrs., Crawfordsville, Ind.
Birch Bros., mill & facty. supplies, tex. mchy., Somerville, Mass.
Birch Hintz Mfg. Co., See Hintz Mfg. Co. (successor).
Birch, Jas. H., ambulances, carriages, Burlington, N. J.
Birch Mfg. Co., coal chutes & garbage receivers, 1276 Clybourn av, Chicago, Ill.
Birch Motor Car Co., 81 E. Madison, Chicago, Ill.
Birch, S., & Sons Constr. Co., concrete posts, Fargo, N. D.
Birch Valley Lbr. Co., Tioga, W. Va.
Birchard Construction Co., contractor, Lincoln, Neb.
Bircher, Geo., fndrs., 716 Cherry, Philadelphia, Pa.

Bird, A. J., lime Rockland, Me.
Bird-Archer Co., boiler compounds, 90 West, New York.
Bird, Christopher, contractor, 95 Greenwood pl, Buffalo, N. Y.
Bird Fastener Co., 225 5th av, New York.
Bird, Geo. W., architect, 814 First Nat'l Bank Bldg., Great Falls, Mont.
Bird, J. A. & W., & Co., chemical importers & mfrs. agts., 88 Pearl, Boston, Mass.
Bird Japanning Co., tinning & japanning, Boston, Mass.
Bird, Louis Francis, architect, South Orange, N. J.
Bird Machine Co., rotary screens for paper mills, E. Walpole, Mass.
Bird, Louis F., landscape architect, 156 5th av, New York.
Bird, Rymer Co., gas elect. fixtures, 332 12th, Oakland, Cal.
Bird & Son, building & roofing papers, floor coverings, fibre cases, and special paper products mfrs., E. Walpole, Mass.
Bird, Thos. J., arch'l engrs., 103 Park av, New York.
Bird & Van Leylingen, architects, Great Falls, Mont.
Bird Varnish Co., glue mfrs., 202 Main, Cincinnati, Ohio.
Bird, W. M., & Co., mill & facty. supplies, Charleston, S. C.
Bird, Wm. E., galvanizing wks., 17 Border, Boston, Mass.
Birdsall Bros. Co., blankets, flannels, woolen, Honesdale, Pa.
Birdsall Engine Co., saw mill machy., Newark, N. Y.
Birdsall-Griffith Constr. Co., Racine, Wis.
Birdsall, W. A., & Co., fndrs., 44 Mechanic, Newark, N. J.
Birdsboro Iron & Steel Breaking Co. (Ltd.), scrap iron, Birdsboro, Pa.
Birdsall, C. K., architect, 55 Liberty, New York.
Birdsboro Steel Fndry. & Mach. Co., Birdsboro, Pa.
Birdsboro Stone Co., Land Title bldg., Phila. & Birdsboro, Pa.
Birdsell Mfg. Co., mfrs. agricultural implements, So. Bend. Ind.
Birdsong, Mason, mchsts., Bolton, Miss.
Birge, Charles E., architect, 29 W. 34th, New York.
Birge, M. H., & Sons Co., wall paper mfrs., Buffalo, N. Y.
Birk, Jno., Co., surgical instruments, 310 S. 3d, Louisville, Ky.
Birkelbach, Frank U., contractor, Richmond Bldg., Phila. Pa.
Birkenmeier & Kuhm Co., whol. hdwe., 529 Clinton av, Newark, N. J.
Birkenstein, S., & Sons, brass ingots, etc., 377 W. Ontario, Chicago, Ill.
Birkett, A. S., mchsts. & fdrs., Clayton, Ill.
Birkett Mills, flour, Penn Yann, N. Y.
Birkle, John A., lumber, Williamsport, Pa.
Birkle Mach. Works countershafts, pulleys, etc., 1128 S. Clinton, Chicago, Ill.
Birkmeyer, Mescher & Co., brick & tile, Cold Water, Ohio.
Birkmire, Wm. H., architect, 1133 B'way, New York.
Birley, Geo. H., contractor, Hackensack, N. J.
Birmingham Blue Print Co., Birmingham, Ala.
Birmingham Buggy Co., Birmingham, Ala.
Birmingham Carriage & Wagon Co., Birmingham, Ala.
Birmingham Cooperage Co., Jefferson County Bank Bldg., Birmingham, Ala.
Birmingham Fertilizer Co., Birmingham, Ala.
Birmingham Hide & Tallow Co., Birmingham, Ala.
Birmingham Iron Fdry., Derby, Conn.
Birmingham, J. Edw., architect, Warburton Bldg., Yonkers, N. Y.
Birmingham Mach. & Fdry. Co., 3700H 10th av, Birmingham, Ala.
Birmingham Packing Co., Birmingham, Ala.
Birmingham Paint & Glass Co., Birmingham, Ala.
Birmingham Rail & Locomotive Co., Birmingham, Ala.
Birmingham Saw Works, Birmingham, Ala.
Birmingham Slag Co., Jeff. Co. Bk. Bldg., Birmingham, Ala.
Birmingham Steel Corp., Birmingham, Ala.
Birmingham Stove & Range Co., Birmingham, Ala.
Birmingham Supply Co., masons' & bldrs. matls., S. 17th, Ptg., Pa.
Birmingham Trunk Factory, Birmingham, Ala.
Birnbach, Geo., architect, 302 W. Main, Louisville, Ky.
Birnbaum Bros. & Sack, scrap tin, rubber & brass, 133 Roosevelt, New York.
Birnbaum, Wm., smoking pipes, 67 Nassau, New York.
Birnie & Diack, granite, S. Quincy, Quincy, Mass.
Birnie Paper Co., envelopes, Springfield, Mass.
Birt Bros., lumber, Burkettsville, Ohio.
Birtman, C. F., elec. hair dryers, 163 N. Wabash av, Chicago, Ill.
Birtman Elec. Co., Lake & Desplaines, Chicago, Ill.
Birtwell, H. B., mchy. dlrs., Chester, Pa.
Birtwell, W. L., machy. dlrs., Philadelphia, Pa.
Birtwistle, E. S., aluminum solder, 148 N. J. R. R. av, Newark, N. J.
Bisbee, Henry V., architect, Fairhaven, Mass.
Bisch, Geo. F., mchsts., Springfield, Ill.
Bischof's, Wm. Sons, masons' & bldrs. matls., Nebraska City, Neb.
Bischoff, C., & Co., chemical, color, & gelatine imptrs. & mfrs., 451 Washington, New York.
Bischoff, Jacob H., architect, 10 S. La Salle, Chicago, Ill.
Bisenius, G. L., Trunk Co., 360 Jackson, St. Paul, Minn.
Biser, G. W. & Co., canned goods, Berkeley Springs, W. Va.
Biset Brick Co., South River, N. J.
Bishop & Babcock Co., bottlers' machinery, vacuum pumps, etc., 1204 E. 55th, Cleveland, Ohio.
Bishop Bros., contractors, Northampton, Mass.
Bishop Bros. Quarry Co., Quincy, Mass.
Bishop Calculating Recorder Co., 233 B'way, New York.
Bishop, Chas., granite, S. Quincy, Quincy, Mass.
Bishop & Co., canned goods, Los Angeles, Cal.
Bishop, Dexter L., Co., lumber, Meriden, Conn.
Bishop & Dickinson, rattan furniture, Baldwinsville, Mass.
Bishop, E. K., Mill Co., lumber, Montesano, Wash.
Bishop, Geo. H., laundry mchy., 550 W. Washington, Chicago, Ill.
Bishop, George H., & Co., saws, Lawrenceburg, Ind.
Bishop-Gifford Co., Inc., canned goods, Baldwin, Long Island, N. Y.
Bishop Gutta-Percha Co., 420 E. 25th, New York.
Bishop, H. A., contractor, 208 S. La Salle, Chicago, Ill.
Bishop, J., & Co., electrodes, incinerators, platinum, etc., Malvern, Pa.
Bishop, John H., contractors, 171 John, Bridgeport, Conn.
Bishop, Jos., granite, S. Quincy, Quincy, Mass.
Bishop, J. W. Co., gnl. bldg. contrs., 101 Park av, New York & 109 Foster, Worcester, Mass.
Bishop Ladder Co., Hartford, Conn.
Bishop Leonard H., architect, Westhampton, N. Y.
Bishop & Lynes, masons' materials, Norwalk, Conn.
Bishop, R. & B., granite, Quincy, Mass.
Bishop, Robert, Mfg. Co., carpet linings, cotton & machine wipers, 157 W. 6th, Boston, Mass.
Bishop, Thos. R., architect, 35 S. Dearborn, Chicago, Ill.
Bishop, W. S., elec. plating dynamos, New Haven, Conn.
Bishop, Wilson & Co., machy. dlrs., 4121H Reliance Bldg., Kansas City, Mo.
Bishopric Mfg. Co., wall boards, roofing, 1415 Este av, Cincinnati, Ohio.
Bishopric Products Co., brewers' pitch, Spring Grove & Este av, Cincinnati, Ohio.
Bishopp Hominy Co., Sheldon, Ill.
Bishop's, William, Sons, marine plumbing fixtures, 724 3d av, Brooklyn, N. Y.
Bishops, Wm., Sons, pumps, ship vents., etc., 18 James, New York.
Bisler, G. A., Inc., paper boxes, 245 N. 6th, Phila., Pa.
Bismarck Mill Co., lumber mfrs., Tacoma, Wash.
Bison Mfg. Co., cutlery mfrs., Little Valley, N. Y.
Bison Storage Battery Co., 24 E. Ferry, Buffalo, N. Y.
Bissell Carpet Sweeper Co., carpet sweepers, Grand Rapids, Mich.
Bissell, Edw. J., potato scoops, Milford, Mich.
Bissell & Erter, tile & brick, Cecil, O.
Bissell, F., Co., electrical supplies, Toledo, Ohio.
Bissell, Frank H., architect, 103 Park av, New York.
Bissel, L. B., architect, Yakima, Wash.
Bissell Lbr. Co., Marshfield, Wis.
Bissell & Sinkler, architects, Otis Bldg., Philadelphia, Pa.
Bissett, R. J., steamfitters' supplies, Guardian Bldg., Cleveland, Ohio.
Bissinger & Co., tallow, 454 Eureka av, San Francisco, Cal.
Bisson & Jodoin, cornices & skylights, 124 Franklin, Manchester, N. H.
Bisson, P., & Son, stone producers, Athens, Ga.
Bitoslag Paving Co., 90 West, New York.
Bittel, Wm., mill & facty. supplies, Peoria, Ill.
Bittenbender Co., whol. hdwe., mill & facty. supplies, contrs. & machsts.' tools, Scranton, Pa.
Bittenbender, Geo. H., & Son, machsts., Plymouth, Pa.
Bittenbender, W. W., & Co., machsts., Nanticoke, Pa.
Bitter, Jos., cornices, Sandusky, Ohio.
Bitterman, E., cornices & skylights, Lexington, Ky.
Bittinger, E. M., lime, Bittinger, Pa.
Bitting, Edward R., architect, South Bethlehem, Pa.
Bittles, Raser, handles, Greencastle, Ind.
Bittner, G. C., Co., pharmaceuticals, Toledo, Ohio.
Bittner, Louis, Lumber Co., Bellevue, Iowa.
Bittner Slate Co., roofing slate mfrs., Allentown, Pa.
Bittners, G., Sons, furniture, Dept. H, Louisville, Ky.
Bitu-Mortar Waterproofing Co., 332 E. 27th, New York.
Bitu-Mo-Lin Products Co., Inc., glue & paint, Seattle, Wash.
Biturine Co., paints & enamels, 1 Drumm, San Francisco, Cal.
Bitzer, Chas., & Son, sweaters, cardigans, etc., 2513 E. Fletcher, Philadelphia, Pa.
Biwabik Mining Co., iron ores, Youngstown, Ohio.
Bix Janitor Supply Co., 116 N. 9th, St. Louis, Mo.
Bixby, B. B., architect, Union Oil Bldg., Los Angeles, Cal.
Bixby, Curtis W., architect, 8 Beacon, Boston, Mass.
Bixby, E. M., masons' & bldrs.' matls., Poultney, Vt.
Bixby, S. M., & Co., shoe blacking & polishes, 46th & 2d av, Brooklyn, N. Y.
Bixler Coal & Coke Co., Fulton Bldg., Pittsburgh, Pa.
Bixler, J. P., & Sons, masons' & bldrs.' matls., Carlisle, Pa.
Bizzozero, E., granite, W. Quincy, Quincy, Mass.
Bjorge, Chas. N., architect, Grand Forks, N. D.
Bjork, A. E., contr., 133 W. Washington, Chicago, Ill.
Bjork Bros., contractors, 3811 Forest av, Chicago, Ill.
Bjorlund, Chas. A., contractor, 682 Dewey, Bridgeport, Conn.
Bjornson Sheet Metal Wks., cornices & skylights, Omaha, Neb.
Bjur Bros., pianos, Whitlock & Leggett avs, New York.
Blabon, Geo. W., Co., linoleum mfrs., Nicetown, Philadelphia, Pa.
Blaby, Joseph H., architect, Palmyra, N. Y.
Black, A. S., burning brands, stencils, etc., 206 Longworth, Cincinnati, Ohio.
Black, A. W., & Son, architects, Security Bldg., St. Louis, Mo.
Black Bear Co., boiler compounds, 138 Temple, Long Island City, N. Y.
Black & Boyd Mfg. Co., iron, bronze, 432 E. 23d, New York.
Black Bros., flour, Beatrice, Neb.
Black Builders' Supply Co., Marietta, Ga.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Black-Clawson Co., paper mill machinery, Hamilton, Ohio.
Black Construction Co. see Black Peel Co. (successor).
Black & Coulter Co., contractors, Columbia, S. C.
Black & Decker Mfg. Co., air compressors, pumps, special machy., etc., 111 S. Calvert, Baltimore, Md.
Black Diamond Co., trade publication, 431 S. Dearborn, Chicago, Ill.
Black Diamond Lbr. Co., Winlock, Wash.
Black Diamond Mfg. Co., paint mfrs., belt dressing, etc., 1219 Bank, Cincinnati, Ohio.
Black Diamond Paint & Varnish Wks., 1219 Bank, Cincinnati, O.
Black Diamond Powder Co., Pittston, Pa.
Black Diamond Ribbon & Carbon Co., Rochester, N. Y.
Black Diamond Saw & Machine Wks., Natick, Mass.
Black Eagle Carriage Mfg. Co., Great Falls, Mont.
Black Furnace Co., Mount Vernon, Ohio.
Black & Gay, Inc., canners, Thomaston, Me.
Black, Geo., architect, Pawlet, Vt.
Black, W. H., & Son, contractor, Youngstown, Ohio.
Black Hdwe. Co., who. hdwe., Galveston, Tex.
Black Hawk Brick Co., Davenport, Ia.
Black Hawk Construction Co., Waterloo, Ia., & Freeport, Il.
Black Hawk Fdy. & Mach. Co., Black Hawk, Colo.
Black Hawk Mfg. Co., machsts. & fndrs., Waterloo, Ia.
Black Hills Lime Co., Pringle, S. D.
Black, J. B., Co., machsts. & edge tools, Chester, Pa.
Black, J. Fred, architect, Middleboro, Mass.
Black, Jas., Masonry & Contracting Co., Arcade Bldg., St. Louis, Mo.
Black, Jno., stone producer, Harrisburg, Pa.
Black, John H., Co., masons' & bldrs.' matls., Court & Pearl, Buffalo, N. Y.
Black, K. L. & Co., Inc., contrs., 110 N. 7th, Richmond, Va.
Black Lake Lbr. & Shingle Mill Co., Creston, La.
Black, Lee, architect, Lansing, Mich.
Black, M. J., & Sons, flour mills, Athens, Ala.
Black Mfg. Co., machinists & veneer presses, Mendota, Ill.
Black Mule Harness Co., 432H N. Main, Winston-Salem, N. C.
Black, P. F., Co., carriages, 2361 E. 14th, Cleveland, Ohio.

Black Planing Mill Co., 220 No. Church, West Chester, Pa.
Black Products Co., core compounds & flour, 135th & Calumet av, Chicago, Ill.
Black River Cypress Co., lbr., Gable, S. C.
Black River Falls Lumber & Mercantile Assn., masons' & bldrs. matls., Black River Falls, Wis.
Black, Robt., & Co., lbr. mfrs., Bay City, Mich.
Black Rock Mfg. Co., machinists, Bridgeport, Conn.
Black Rock Wallboard Co., Black Rock, N. Y.
Black Rock Wallboard Co., Military rd, Buffalo, N. Y.
Black & Sell, contrs., 1515 Waren, Pittsburgh, Pa.
Black Silk Stove Polish Works, Sterling, Ill.
Black, Sivalls & Bryson, tanks, Bartlesville, Okla.
Black Springs Lbr. Co., Womble, Ark.
Black Steel & Wire Co., Kansas City, Mo.
Black Warrior Lbr. Co., Knoxwood, Ala.
Black Star Coal Co., 76 W. Monroe, Chicago, Ill.
Black-Woods Mfg. Co., machinists, Peoria, Ill.
Blackall, Clapp & Whittemore, architects, 20 Beacon, Boston, Mass.
Blackburn, John H., & Son, contractors, Staunton, Va.
Blackburn, J. T. D., masons' & bldrs. matls., Albany, N. Y.
Blackburn-Smith Corp., The, feed-water filter, 107 W. 40th, New York.
Blackburn, S. P. & Co., mill & facty. supplies, 62 Broad, Boston, Mass.
Blackburn, S. P. Co., mill & facty. supplies, 15 Coenties slip, New York.
Blackburn Spec. Co., auto. locks, 3409 Perkins av, Cleveland, O.
Blackburn Varnish Co., Dana & Flora Evanston, Cincinnati, O.
Blacker & Shepard Co., lumber, 409 Albany, Boston, Mass.
Blackley, L. J., contractor, Lockport, N. Y.
Blackfoot Farmers' Milling Co., Ltd., flour, Blackfoot, Idaho.
Blackford, W. S. & A. V., mill & facty. supplies, Bonaparte, Ia.
Blackford Window Glass Co., Vincennes, Ind.
Blackfox Brick Co., fire, 7 Wood, Pittsburgh, Pa.
Blackhall Mfg. Co., machinery, 196 Seneca, Buffalo, N. Y.
Blackinton, R., & Co., silver nov., N. Attleboro, Mass.
Blackinton, V. H., & Co., emblems & badges, Attleboro Falls, Mass.
Blackiston Canning Co., Clayton, Del.
Blackledge, H., & Co., contractors, 25 Seventh, Norwich, Conn.
Blackledge, J. E., architect, 422 K. of P., Indianapolis, Ind.
Blackman, C. A., & Co., lumber, Everett, Wash.
Blackman-Hill-McKee Mach. Co., 1513 N. Broadway, St. Louis, Mo.
Blackman Mach. Tool Co., see Blackman-Hill-McKee Mach. Co., (successors).
Blackman, W. B., architect, Danbury, Conn.
Blackmer Cut Glass Co., New Bedford, Mass.
Blackmer & Post Pipe Co., vitrified sewer pipe, Boatmen's Bank Bldg., St. Louis, Mo.
Blackmer Rotary Pump Co., Petoskey, Mich.
Blackmore, John, machinist, Painesville, Ohio.
Blackmore Mfg. Co., mattresses, 309 S. Main, St. Louis, Mo.
Blackshear Mfg. Co., fertilizer, Blackshear, Ga.
Blacksher Co., lumber, Magazine & Mobile, Ala.
Blacksmith & Wheelwright, trade publication, 71 Murray, New York.
Blackstone Guano Co., fertilizer mfrs., Blackstone, Va.
Blackstone Mach. Co., Pawtucket, R. I.
Blackstone Mfg. Co., cotton sheetings, 50 S. Main, Providence, R. I.
Blackstone Mfg. Co., washing machines, Jamestown, N. Y.
Blackstone Plow Wks., Blackstone, Va.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Blackstone & Smith, contractors, Portland, Me.
Blackwell, J. E., architects, Northern Bk. & Trust Bldg., Seattle, Wash.
Blackwell Brick Co., Blackwell, Okla.
Blackwell, F. E., advtg. nov. & spec., 630 Mission, San Francisco, Cal.
Blackwell-Kaiser Lbr. Co., Park Falls, Wis.
Blackwell Lbr. Co., Cœur D'Alene, Idaho & Pardee, Va.
Blackwell Milling & Elevator Co., flour, Blackwell, Okla.
Blackwell, P. A., & Co., whol. hdwe. & mill & facty. supplies, Henderson, Ky.
Blackwood Coal & Coke Co., Blackwood, Va.
Blade Printing & Paper Co., Toledo, Ohio.
Bladen Tie & Lumber Co., Brunswick, Ga.
Blades, J. B., Lumber Co., Newbern, N. C.
Blaesi, C. W., Co., mill & facty. supplies, 238 E. Third, Cincinnati, Ohio.
Blaettnar's M., Sons, carriages, Pomeroy, Ohio.
Blaich, Alfred O. Co., case hardening compounds, 1954 Clybourn av, Chicago, Ill.
Blaisdell, S., Jr., Co., cotton waste, Chicopee, Mass.
Blaikie, Edwin K., architect, 67 Milk, Boston, Mass
Blaine Bros. & Krasnov, 25 W. 20th, New York.
Blaine-Mackay-Lee Co., flour mills, North East, Pa.
Blaine Mfg. Co., lbr., Blaine, Wash.
Blaine Shingle Co., lumber, Blaine, Wash.
Blair, Albert E., architect, Lawrence, Kans.
Blair, Alexander, architect, Macon, Ga.
Blair, Algernon, contrs., Montgomery, Ala.
Blair, Campbell & McLean, Inc., sugar evaporators, Colonial Trust bldg., Phila., Pa.
Blair Canning Co., Blair, Me.
Blair, D., & Bros., common brick, Stanton & Black, Pittsb'gh, Pa.
Blair, Edgar, architect, 1426 Jackson, Seattle, Wash.
Blair Engineering Co., 343 So. Dearborn, Chicago, Ill.
Blair, H. Crawford, archl. wood turning, 40 Clifford, Providence, R. I.
Blair Horse Collar Co., Blair, Neb.
Blair, J. C., Co., pads, Huntingdon, Pa.
Blair, J. F., cornices & skylights, Concordia, Kans.
Blair, J. H., architect, Boothbay, Me.
Blair, J. & J., Lumber Land Co., Placerville, Cal.
Blair, J. M., Brick Co., 409 Johnston Bldg., Cincinnati, Ohio.
Blair, J. T., Co., metal polish, Nashville, Tenn.
Blair, L. R., Inc., see Slocum, Avram & Slocum Laboratories, Inc. (successors).
Blair Limestone Co., Pittsburgh, Pa.
Blair Lbr. Co., Kregor, Pa.
Blair Mfg. Co., lbr., Camden, N. J.
Blair Mfg. Co., mchsts., Springfield, Mass.
Blair Milling Co., flour, Atchison, Kans.
Blair Mills, damasks, cotton, Belton, S. C.
Blair Motor Truck Co., Newark, Ohio.
Blair & Son, mchsts. & fndrs., Waukesha, Wis.
Blair, Thos. P., Sheet Metal Co., San Diego, Cal.
Blair Tool & Mach. Wks., 521 Greenwich, New York.
Blair Veneer Co., chair seats, North Troy, Vt.
Blair, W. F., contrs., Waynesburg, Pa.
Blair, W. H., architect, Janesville, Wis.
Blair, Walter D., architect, 154 E. 61st, New York.
Blairsville Enamel Ware Co., mchsts. & fndrs., Blairsville, Pa.
Blairsville Mach. Co., Blairsville, Pa.
Blairsville Sanitary Co., lavatories, Blairsville, Pa.
Blaisdel, Wm. E., architect, Toppenish, Wash.
Blaisdell, Frank M., architect, Little Rock, Ark.
Blaisdell Machine Works, machinists, Vineland, N. J.
Blaisdell Milling Co., feed, 204 Met. Natl. Bank Bldg., Minneapolis, Minn.
Blaisdell, N., & Sons, ship bldrs., Bath, Me.
Blaisdell, Nathaniel, architect, 255 California, San Fran., Cal.
Blaisdell Paper Pencil Co., 141 Berkeley, Philadelphia, Pa.
Blaisdell, S. S., Mach. Co., 228 Aborn, Providence, R. I.
Blaisdell, W. B., & Co., granite, Franklin, Me.
Blak, Edward, mica, Newdale, N. C.
Blake, Chas. G., & Co., granite columns & mausoleum, 108 So. La Salle, Chicago, Ill.
Blake, Edgar O., architect, Wilmette, Ill.
Blake, Edgar O., architect, 802 Davis, Evanston, Ill.
Blake Const. Co., contrs., Appleton, Wis.
Blake, Edwin J., fndrs., Hartford, Conn.
Blake Elec. Mfg. Co., light switchboards, 1 Rowes Wharf, Boston, Mass.
Blake, Frank W., lumber mfrs., Norfolk, Va.
Blake, G. F., Mfg. Co., mchsts. & fdrs., 200 Devonshire, Boston, Mass.
Blake, Geo. F., Jr., & Co., wholesale hardware, Worcester, Mass.
Blake, H. A., & Son, mchsts. & fdrs., Cheboygan, Mich.
Blake, H., & Son, turbine water wheels, East Pepperell, Mass.
Blake & Higgins, paper mills, Bellows Falls, Vt.
Blake, J. M., & Son, wagons, Buffalo, N. Y.
Blake & Johnson Co., bolt, nut, rivet, screw & screw machine products, etc., mfrs., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book.
Blake, John T., contractor, Madison, Wis.
Blake & Knowles Steam Pump Wks., 115 B'way, New York.
Blake-McFall Co., pads & tablets, Portland, Ore.
Blake Mfg. Co., name plates, Springfield, Mass.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
Blake Specialty Co., castings, couplings, ferrules, plugs, traps, etc., Rock Island, Ill.
Blake, T. E., architect, 52 Vanderbilt av, New York.
Blake, W. L., & Co., gasoline & kerosene engines, mill, factory, plumbers', steam & gasfitters' supplies, jobbers, Portland, Me.
Blakley Engine Co., rowboat motors, Muskegon, Mich.
Blakely Hdw. Lbr. Co., Blakely, Ga.
Blakely, John, & Son, cotton mops, 1089 Germantown av, Philadelphia, Pa.
Blakeley, Geo. C. S., Son, brick, Lynn, Mass.
Blakely, W. W., boring tools, 369 Edison, Detroit, Mich.
Blakeman, Chas., & Sons, pearl buttons, 236 Bank, Newark, N. J.
Blakemore Constructions Co., contrs., New Orleans, La.
Blaker, J. L., concrete cars, Blaker Mills, W. Va.
Blakeslee, C. W., & Sons, contractors, 58 Waverly, New Haven, Conn.
Blakeslee Forging Co., carriage hardware, forgings, etc., Plantsville, Conn.
Blakeslee, G. S., & Co., smoked beef shavers, W. 19th & S. 52nd av, Chicago, Ill.
Blakeslee Lumber Co., sash, door & blind, Pittsfield, Mass., & Albany, N. Y.
Blakeslee Mfg. Co., mchsts. & fdrs., Du Quoin, Ill.
Blakesley Novelty Co., cotton sleeving, Bristol, Conn.
Blakey-Clark Hardware Co., Ennis, Tex.
Blalock-Allen Hardware Co., Wadesboro, N. C.
Blanch Bros., contractors, Conshohocken, Pa.
Blanchard, A. H., cornices & skylights, Sacramento, Cal.
Blanchard Bros., advtg., nov., & spec., 19th, Brooklyn, N. Y.
Blanchard Bros., granite, Uxbridge, Mass.
Blanchard Bros., cornices & skylights, Napoleonville, La.
Blanchard Bros. & Lane, patent leather, 20 Bruen, Newark, N. J.
Blanchard Bros. Granite Co., Linwood, Mass.
Blanchard Building Co., contrs., 601 Rubold Bldg., Dayton, O.
Blanchard Co., advtg. post cards, Aurora, Ill.
Blanchard Coal Co., bituminous, Fulton bldg., Pittsburgh, Pa.
Blanchard-Crocker & Howell, contrs., 58 2nd, San Francisco, Cal.
Blanchard, Fred K., mill & facty. supplies, Troy, N. Y.
Blanchard, Geo. W., & Co., masons' & bldrs. matls., Winchester, Mass.
Blanchard, Hamilton Furn. Co., Dept. H, Shelbyville, Ind.
Blanchard, Humber & Co., fertilizer, Columbus, Ga.
Blanchard Huse Templeton, architects, 137 E. 46th, New York.
Blanchard, Isaac H., Co., advtg. spec., 418 W. 25th, New York.
Blanchard, James A., Co., insecticides, 30 Church, New York.
Blanchard Lumber Co., 126 State, Boston, Mass.
Blanchard Machine Co., high power vertical surface grinders, mfrs., Cambridge, Mass.
Blanchard Mfg. & Canning Co., Eastport, Me.
Blanchard, Wm. L., Co., contractors, 45 Poinier, Newark, N. J.
Blanchardville Lumber Co., Blanchardville, Wis.
Blanck, A. E., contractor, Battle Creek, Mich.
Blancke, A. C. & Co., steels, tools, etc., 602 W. Lake, Chicago, Ill.
Bland, Jeff, Lbr. & Bldg. Co., Houston, Tex.
Bland, John L., & Co., contractors, Harrison Bldg., Phila., Pa.
Blandin Co., bobbin painting machs. & mill & facty. supplies, Lawrence, Mass.
Blanding, H. O., architect, Corsicana, Texas.
Blandon Rolling Mills, Blandon, Pa.
Blandy Paper Co., cardboard, Schuylerville, N. Y.
Blaney, Cyril C., babbit metal, 16 Kingston, Boston, Mass.
Blank & Gottshall, flour mills, Sunbury, Pa.
Blanke Mfg. & Supply Co., bee keepers & dairy supplies, 3rd & Washington av, St. Louis, Mo.
Blanke, W. F., Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Blanke, E. G., architects, 213 N. Calvert, Baltimore, Md.
Blanke & Zink, architects, Equitable Bldg., Bolt, Md.
Blanks, H. E., Lbr. Co., Arcadia, Miss.
Blanks, J. C., flour mills, Woodbury, Tenn.
Blano Knoz Co., contrs., 366 E. 30th, Chicago, Ill.
Blanton Milling Co., flour, Indianapolis, Ind.

Blasauf, John, machinist, 81 City Hall, San Francisco, Cal.
Blase, Hans, cantractor, 5019 Pensacola av, Chicago, Ill.
Blaser Auto Body Co., see Globe Body Co. (successor).
Blaser, E. G., brick & tile, Upper Sandusky, Ohio.
Blaisier-Sanborn Mfg. Co., fndrs., Utica, N. Y.
Blasius Piano Co., Woodbury, N. J.
Blasius & Sons, pianos, 40 S. 16th, Philadelphia, Pa.
Blassberg, M., mchsts. & fdrs., Turners Falls, Mass.
Blast Furnace & Steel Plant, trade publication, 108 Smithfield, Pittsburgh, Pa.
Blatch, M. S., Inc., contr., 187H Greenwich av, Greenwich, Conn.
Blatchford Calf Meal Co., Waukegan, Ill.
Blatchford, E. W., Co., antimony, pipe, metals, etc., 230 N. Clinton, Chicago, Ill.
Blatchley, Burton N., contractor, 902 Chapel, New Haven, Conn.
Blatt, S. & Co., elec. & gas light fixtures, 49 Elizabeth, New York
Blattner, Fred'k, machsts., 984 Grand, Brooklyn, N. Y.
Blatz, Val, Paint & Varnish Co., Louisville, Ky.
Blauvelt Knitting Co., 280 Pine, Newark, N. J.
Blauvelt Wiley Paper Mfg. Co., 135 Charlton, New York.
Blaw, Knox, Co., pressed & welded steel, iron poles & transmission towers, Freeport rd, Hoboken, Pa.
Blayer, Chr., cornices, 161 W. 145th, New York.
Blayz Paint & Varnish Co. (The), 630-652 Spencer, Toledo, Ohio.
See adv. index at end of book.
Bleach Process Co., circular cells, Dept. H, Appleton, Wis.
Bleadon-Dun Co., surgical instruments, 15 S. Desplaines, Chicago, Ill.
Bleaman & Berg, bags and suit cases, 246 Spring, Paterson, N. J.
Bleazby Bros., toys, games & nov., 337 Woodward av, Detroit, Mich.
Blecher Bros., cornices, 43 1st, New York.
Blecher Bros. Co., cornices, 49 Northend av., Brooklyn, N. Y.
Blechner's, Albert, Sons, cornices, 677 Bergen av, New York.
Bleck, Wm. F., Co., sash, door & blind mfrs., 1846 N. Lamon av, Chicago, Ill
Bleckley Hariason, architect, Walton Bldg., Atlanta, Ga.
Bleecker, Aug., & Son, boat anchors, 5 Jones la, New York.
Bleecker, Rutger, & Co., peanut oils, 87 Wall, New York.
Bleecker, Wm. R., Oil Co., Albany, N. Y.
Blefgen, Hy. J., cornices, 868 N. 4th, Philadelphia, Pa.
Blehdon, V. R., tow. curled hair, Brisbane Bldg., Buffalo, N. Y.
Bleie, David, architect, 2366 Webster av, New York.
Bleier Contracting Co., Heath & Day, Boston, Mass.
Blendinger, Fred A., 824 O'Hara, Pittsburgh, Pa.
Blenio Products Corp., paints, 220 5th av, New York.
Bleno Knitting Works, sweaters, cardigans, etc., 6824 Superior av, Cleveland, Ohio.
Blesanz, Philip, brick, Winona, Minn.
Blesanz Stone Co., Winona, Minn.
Bleser, Jacob, machinist, Springfield, Ill.
Blesh, Alex., contractor & architect, Lock Haven, Pa.
Bless & Drake, founders, 175 N. J. R. R. av, Newark, N. J.
Blessed, G. A., Lbr. Co., Burnsville, Ala.
Blessing, C. A., plumbers' supplies, jobbers, 516 Montgomery av, Philadelphia, Pa.
Blessing, Emil K., musical instruments, Elkhart, Ind.
Blethen, Hugh R., hoists, traveling cranes, air compressors, etc., 21 Park row, New York.
Blevney Mach. Co., see Production Mach. Co. (successor).
Blewett, Geo. A., architect, Endicott Bldg., St. Paul, Minn.
Bley & Lyman, architects, 250 Delaware av, Buffalo, N. Y.
Bleyer, Alfred, & Co., paper dishes, plates, etc., 229 West, New York.
Bleyle Elec. Co., 84 Courtlandt, New York.
Blichert, P. A., Mfg. Co., shoe blacking, 190 13th, Jersey City, N. J.
Blick, Jos. J., architect, Pasadena, Cal.
Blickensderfer Mfg. Co., machsts. & fndrs., typewriters, Stamford, Conn.
Blickman, Isidor, sheet metal specialties, 479 1st av, New York.
Blickman, S., sheet metal stamping, Manley & Mount, Long Island City, N. Y.
Bliesener, W. J., machinists, Rock Island, Ill.
Blight, Sons & Co., caps, blasting fuse, Eagle River, Mich.
Blinn, L. W., Lbr. Co., Los Angeles & Pasadena, Cal.
Blish, F. T., Hardware Co., South Manchester, Conn.
Blish Milling Co., wheat flour, Seymour, Ind.
Blish, Mize & Silliman Hardware Co., Atchison, Kan.
Bliss, A. H., & Co., brass chains, North Attleboro, Mass.
Bliss Bros., hdwe. mfrs. (marine), 170 Commercial, Boston, Mass.
Bliss, Cook Oak Co., lumber, Blissville, Ark.
Bliss, E. A., Co., table silverware, Meridean, Conn.
Bliss, E. W., Co., sheet metal working machinery mfrs., 19 Adams, Brooklyn, N. Y. *See adv index at end of book.*
Bliss, J. H., architect, Little Rock, Ark.
Bliss, John, & Co., nautical instruments, etc., 128 Front, New York.
Bliss & Faville, architects, Balboa bldg., San Francisco, Cal.
Bliss, Jas. H. & Son, architect, Rand Bldg., Memphis, Tenn.
Bliss & Laughlin, machinists, Harvey, Ill.
Bliss School of Electricity, North Takoma, Md.
Bliss Supply Co., steam fitters' supplies, 815 Long av, Cleveland, Ohio.
Bliss & Van Auken, lbr. mfrs., Saginaw, Mich.
Blissfield Motor Works, machsts. & fndrs., Blissfield, Mich.
Blitch, T. N., turpentine, Blitchton, Ga.
Blithe, Wesley Lesher, architect, 608 Chestnut, Phila., Pa.
Blitz Bros., show cases, 450 N. Hermitage av, Chicago, Ill.
Blitz, L., crude rubber, 4 Stone, New York.
Blitven & Carrington, lubrg. oils, 29 Moore, New York.
Bloch Bros., carriages, Mobile, Ala.
Bloch Bros., machinery dlrs., Selma, Ala.
Bloch Go-Cart Co., invalid chairs, toys, etc., 1136 N. Am. Bldg., Philadelphia, Pa.
Bloch & Hesse, architects, 18 E. 41st, New York.
Bloch, Jos., sponges, chamois, 51 Cliff, New York.
Bloch, Jos., Co., cornices, 90 Bushwick av, Brooklyn, N. Y.
Bloch, L. D., & Co., paper shades, 157 5th av, New York.
Blocher, D., & Co., fertilizer mfrs., Gettysburg, Pa.
Block & Diemer, architects, Mercantile Bldg., Rochester, N. Y.
Block Gas Mantle Co., thorium nitrate, arc lamps, etc., Youngstown, Ohio.
Block, H. & L., leather gloves, 149 2nd, San Francisco, Cal.
Block, I. & Son, stoves, ovens, etc., 393 Pearl, New York.
Block, Mandel & Co., plumbers' supplies, 1151 W. 12th, Chicago, Ill.
Block, W. G., Co., masons' & bldrs.' matls., Davenport, Ia.
Blocki-Brennan Refining Co., paints for coating & preserving iron & steel, masons' & bldrs.' matls., 11 N. La Salle, Chicago, Ill.
Blocki, F., Co., agricultural implements, Sheboygan, Wis.
Blocksidge, Jas., glass stainers, 2 High, Albany, N. Y.
Blockson Bros. Construction Co., Marion, Ohio.
Blodgett, B. F., & Co., celluloid combs, Leominster, Mass.
Blodgett & Clapp Co., whol. hdwe., & mill & facty. supplies, 1417 Main, Hartford, Conn.
Blodgett Clock Co., 261 Franklin, Boston, Mass.
Blodgett, G. S., Co., ovens, Burlington, Vt.
Blodgett-Holmes Co., buckwheat & rye flour, Janesville, Wis.
Blodgett Lumber Co., crates, etc., Suncook, N. H.
Blodgett & Orswell Co., cotton thread, Pawtucket, R. I.
Bloede, Victor G., Co., dextrine, Caton av, Baltimore, Md.
Bloedel-Donovan Lbr. Mills, Bellingham, Wash.
Blohm, Chas. H., cornices, 1120 Emmet, St. Louis, Mo.
Blohme Milling Co., flour, Charleston, S. C.
Bloker Lumber Co., Lindsey, Ohio.
Blom, Peter H. C., soap, Keokuk, Iowa.
Blome, R. S., contractor, 139 N. Clark, Chicago, Ill.
Blome-Sinek Co., contractors, gen'l., 139 N. Clark, Chicago, Ill.
Blonck, W. A., & Co., boiler efficiency meters, 155 N. Clark, Chicago, Ill.
Blondin, Edward A., architect, 4 W. Garfield blvd., Chicago, Ill.
Blood Bros. Machine Co., machsts. & fndrs., Allegan, Mich.
Blood, L. A., architect, 2246 Morgan av, Morgan Park, Ill.
Blood, T. L., & Co., paints for coating, wood fillers, 413 Wacouta, St. Paul, Minn.
Bloodgood & Sugarman, architects, 17 E. 49th, New York.
Bloodgood, Wm. E., architect, 681 5th av, New York.
Bloom, Alfred, Co., sashes, doors & blinds, Omaha, Neb.
Bloom-Burns Mfg. Co., machinists, Freeport, Ill.
Bloom Flusher Co., Tiffin, Ohio.
Bloom & Godley Co., mattresses, Trenton, N. J.
Bloom, Henry, contractor, Beaver Falls, Pa.
Bloom, J. F., & Co., stone, Omaha, Neb.
Bloom Mfg. Co., agricultural implements, Nashua, Ia.
Bloom, Percy, & Co., cornices, 205 Washington, Brooklyn, N. Y.
Bloom, W., & Co., scrap iron, Williamsport, Pa.
Bloomberg, Sam'l, glass, Hoboken, N J.
Bloomdale Tile & Brick Co., Bloomdale, Ohio.
Bloomer Bros. Co., paper pails, boxes, etc., Newark, N. J.
Bloomer, E., & Co., cornices, 530 E. 39th, Chicago, Ill.
Bloomer Lime Co., 406 E. 149th, New York.
Bloomer Mach. Wks., Bloomer, Wis.
Bloomer Mill Co., flour, Bloomer, Wis.
Bloomfeldt & Rapp, machinists, 108 N. Jefferson, Chicago, Ill.
Bloomfield Brick Co., Bloomfield, Ind.
Bloomfield Clay Co., Metuchen, N. J.
Bloomfield Coal & Supply Co., masons' & bldrs.' matls., Bloomfield, N. J.
Bloomfield, David, architect, Meriden, Conn.
Bloomfield Mfg. Co., mchsts. & fndrs., Bloomfield, Ind.
Bloomfield Mill Co., Bloomfield, Ky.
Bloomingdale, F., fndrs., Voorheesville, N. Y.
Bloomingdale Milling Co., flour, Bloomingdale, Mich.
Bloomingdale Rubber Co., 501 5th av, New York.
Bloomington-Bedford Stone Co., Bloomington, Ind.
Bloomington Canning Co., Bloomington, Ill.
Bloomington Coal Co., masons' & bldrs. matls., Bloomington, Ind.
Bloomington Constr. Co. Bloomington, Ill.
Bloomington Crushed Stone Co., Bloomington, Ind.
Bloomington Pressed Brick Co., Bloomington, Ill.
Bloomsburg Brick Co., Bloomsburg, Pa.
Bloomsburg Car Mfg. Co., mchsts. & fdrs., Bloomsburg, Pa.
Bloomsburg, H., & Co., steam heating circulators, 425 N. Cary, Baltimore, Md.
Bloomsburg Paper Co., Bloomsburg & Lightstreet, Pa.
Bloomsbury Graphite Co., fdry. facings, Bloomsbury, N. J.
Bloomquist Eck Mach. Co., mach. tools, 1146 E. 152d, Cleveland, Ohio.
Bloss, O. J., archl. iron, 243 Monitor, Brooklyn, N. Y.
Blosser, John S., stone producer, Cloverdale, Ohio.
Blossom Bros., sash, door & blind, New Bedford, Mass.
Blossom Oil & Cotton Co., meal, Blossom, Tex.
Blossom-Provine Lumber Co., Seattle, Wash.
Blossvale Paper Co., Blossvale, N. Y.
Blouin, Alfred, contractor, Tarrytown, N. Y.
Blouin, Jos., Jr., architect, Tarrytown, N. Y.
Blount Carriage & Buggy Co., East Point, Ga.
Blount-Decker Lbr. Co., Alto, Texas.
Blount Engineering Co., engines, gears, etc., 100 High, Boston, Mass.
Blount, F. M., Constr. Co., Pensacola, Fla.
Blount, J. G., Co., grinders, polishing machines & speed lathes, mfrs., Everett, Mass.
Blount, J. I., mach. dealers, Birmingham, Ala.
Blount, J. J., masons' & bldrs. matls., Hawkinsville, Ga.
Blount Plow Wks., Evansville, Ind.
Blourke, Pierce, architect, 155 N. Clark, Chicago, Ill.
Blowers, F. L., contractors, Gloversville, N. Y.
Blue Ball Mach. Wks., gas engines, Blue Ball, Pa.
Blue Diamond Canning Co., Portland, Me.
Blue Earth City Mill Co., flour, Blue Earth, Minn.
Blue Grass Lumber Co., Lexington, Ky.
Blue Grass Milling Co., flour, Campbellsburg, Ky.
Blue Hill Quarry Co., West Quincy, Mass.
Blue Jay Lbr. Co., Blue Jay, W. Va.
Blue, J. J., & Son, woolen blankets, Ettrick, Wis.
Blue, Jno., machinist, Laurinburg, N. C.
Blue Label Safety Squib Co., Plymouth, Pa.
Blue Limestone Co., B'way & K, Minneapolis, Minn.
Blue Limestone Co., 605 Lumber exch., Minneapolis, Minn.
Blue Mountain Slate Co., Slatington, Pa.
Blue Print Co., 101 Park av, New York.
Blue & Queripel Co., plumbers' supplies, jobbers, 2360 3d av, New York.
Blue Ribbon Body Co., wood auto bodies, 1720 Fairfield av, Bridgeport, Conn.
Blue Ribbon Mfg. Co., metal polish, Boston, Mass.
Blue Ribbon Paint Co., Wheeling, W. Va.
Blue Ridge Cotton Oil Co., meal, Travelers Rest, S. C.
Blue Ridge Lime Co., Asheville, N. C.
Blue Ridge Locust Pin Co., Dillsboro, N. C.
Blue Ridge Marble Co., Nelson, Ga.
Blue Ridge Talc Co., Henry, Va.

Blue Seal Chemical Co., drain pipe solvents, 424 Broome, N. Y.
Blue Seal Supply Co. mchy. 12 Port, Boston, Mass.
Blue Stone Land & Lumber Co., Ridgway, Pa.
Blue Trap Rock Co., Little Rock, Ark.
Blue Valley Mfg. Co., mchsts. & fdrs., Manhattan, Kans.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Blue Vein Slate Co., Slatington, Pa.
Bluebaugh, W. F., machinists & founders, Arcanum, Ohio.
Bluefield Hardware Co., Bluefield, W. Va.
Bluff City Mills, Inc., flour, Bluff City, Tenn.
Bluffs City Lumber & Coal Co., Council Bluffs, Ia.
Bluffton Anchor Co., Bluffton, Ohio.
Bluffton Mfg. Co., washing mach., Bluffton, Ohio.
Bluffton Stone Co., Lima, Ohio.
Bluford, I., & Co., mchy. dealers, 501 N. 15th, Richmond, Va.
Bluine Mfg. Co., laundry blue, Dept. H, Concord, Mass.
Blum, Albert, cornices, 4244 Allison, Norwd., Cincinnati, Ohio.
Blum, Ben, & Co., wholesale hardware, Galveston, Tex.
Blum & Delbridge, stone producers, Bittern av & E. 73d, Cleveland, Ohio.
Blum & Dilbridge, stone producers, Amherst, Ohio.
Blum, Geo. & Edw., architects, 505 5th av, New York.
Blum, Julius, & Co., seamless steel tubing, etc., 540 W. 22nd, New York.
Blum & McNamara, Inc., Whitney Bldg., New Orleans, La.
Blum Mfg. Co., cow & sheep bells, Collinsville, Ill.
Blum, R., chamois importers, sponges, 108 Pearl, Boston, Mass.
Blum Roller Mills, flour, Blum, Tex.
Blum Shoe Mfg. Co., felt boots, Dansville, N. Y.
Blumberg, D., scrap rubber, 335 N. 4th, Philadelphia, Pa.
Blumberg, W. L. & Co., who'sale h'dwe, 31 Warren, New York.
Blume, Edwin H., architect, Riverhead, N. Y.
Blume, H., & Son, scrap iron & steel, 536 Myrtle av, B'klyn, N. Y.
Blumenkrohn, L., & Co., buttons, 13 W. 27th, New York.
Blumenstock & Reid Co., meat p'kers, 3261 W. 65th, Cleveland, O.
Blumenthal, B., & Co., buttons, 15 E. 26th, New York.
Blumenthal, F. Co., plbrs. supplies, Dept. H, Bayonne, N. J.
Blumenthal, H. G., Co., cornices & skylights, Provo, Utah.
Blumenthal-Kahn Elec. Co., contrs. & supplies, 505H Eutaw, Baltimore, Md.
Blumenthal & Co., brushes, 241 Centre, New York.
Blumenthal, Sidney, & Co., plushes & velvets, Shelton, Conn.
Blumer, Adam, mach. & fdr., Moss Point, Miss.
Blumer-Sartain Packing Co., meat packers, Columbus, Ohio.
Blumhard, C. A., Blue Paper Co., 38 S. 6th, Philadelphia, Pa.
Blumling, P., masons' & bldrs. matls., McKees Rocks, Pa.
Blums Adv. Agency, mail advertising in all its branches, 618 Mission, San Francisco, Cal.
Blundon & Hinton, canned goods, Reedville, Va.
Blundon & Margrie, electric contractors, 2000 Telegraph av, Oakland, Cal.
Bly Bros. & McGilliard Stone Co., 668 S. Utah, Los Ang., Cal.
Bly & Hamann, architects, 833 St. Johns, Brooklyn, N. Y.
Blycher, August W., contractors, 3128 Fairfield av, Bridgeport, Conn.
Blymer Bros. Co., tin plate, metals, Mansfield, Ohio.
Blymyer Iron Works Co., sugar, coffee & rice plantation mchy., Cincinnati, Ohio.
Blystone Mfg. Co., concrete mixers, Cambridge Springs, Pa.
Blystone, F. M., mattresses, Elmira, N. Y.
Blystone, W. C., & Son, lumber, Cambridge Springs, Pa.
Blystone, W. I., & Son, mattresses, Jamestown, N. Y.
Blyth, E. J., buckwheat flour, Walworth, N. Y.
Blythe Construction Co., 756 S. B'way, Los Angeles, Cal.
Blythe & Isenhour, contractors, Charlotte, N. C.
B. & M. Brick Co., Madison, Wis.
B. & M. Machine Co., Akron, Ohio.
Boal, Theo. D., architect, 1712 H, N. W., Washington, D. C.
Boal, Theodore Davis, Centre Co., architect, Boalsburg, Pa.
Boardman Co., mill & facty. supplies, Oklahoma, Okla.
Boardman, E. A., & Sons, lumber, Thorp, Wis.
Boardman, F. E., fertilizer mfrs., Middletown, Conn.
Boardman & Gray, pianos, Albany, N. Y.
Boardman, Robt., Co., mchsts., Oil City, Pa.
Boas, Francis J., contractor, 201 N. Broad, Philadelphia, Pa.
Boas Thread Co., Stamford, Conn.
Boas, Wm. J., Co., folding paper boxes, 1427 Vine, Phila., Pa.
Boatwright Furn. Co., Dept. H, Boatwright, Va.
Boaz Cotton Oil Co., Boaz, Ala.
Boaz Milling Co., flour, Boaz, W. Va.
Bobb, Peter E., & Co., lbr. mfrs., Thorp, Wis.
Bobbitt, James H., flour mills, Valley Oak, Ky.
Bobe, P., Glass Wks., tubes & syringes, 2711 Lemp av, St. Louis, Mo.
Bobrick Chemical Co., Los Angeles, Cal.
Bock Equipt. Co., contrs.' & mill & facty. supplies, 1900 Northwestern av, Indianapolis, Ind.
Bock, Leo, scrap iron, Olean, N. Y.
Bocklett-King Co., mill & facty. supplies, Xenia, O.
Bock, M., & Son, scrap iron & steel, Morgan bldg., Buffalo, N. Y.
Bock-Walker Co., wholesale hardware, Battle Creek, Mich.
Bockes & Mahan, lbr. mfrs., Kalkaska, Mich.
Bockhoven Bros. Co., lbr., 132 Astor, Newark, N. J.
Bockstege Furniture Co., Evansville, Ind.
Bodach, Chas., & Sons, show cases, 314 S. Franklin, Chicago, Ill.
Bodary Building Co., 759 Stanley av, Detroit, Mich.
Bodcaw Lumber Co., Stamps, Ark.
Bode, Geo., contractor, Youngstown, Ohio.
Bode Wagon Co., 1655 Central av, Cincinnati, Ohio.
Bodenstein, J. G., & Co., ice picks, planers, plows, etc., Staatsburg, N. Y.
Bodenstein & Kuemmerle, revolving chairs, Lawrence & Grand av, Philadelphia, Pa.
Bodenstein & Surmann, archt. & engr., 405 2nd Nat'l Bk., Cincinnati, Ohio.
Bodette, Edw., contractor, 704 Boalt, Toledo, O.
Bodholdt, Arne, architect, 159 E. Chicago av, Chicago, Ill.
Bodin, Eugene, brick, Franklin, La.
Bodine Electric Co., dynamo & motor mfrs., 2254 W. Ohio, Chicago, Ill.
Bodine, Geo. A., Co., whol. hdwe., 11 & 13 Mechanics, Bradford, Pa.
Bodine Roofing Co., Mansfield, O.
Bodine-Spanjer Co., backgrounds for show windows, 1160 Chatham Court, Chicago, Ill.
Bodker, A. J., architect, 63 W. 45th, New York.
Bodmer, A. W., stone producer, Portsmouth, Ohio.
Bodt, W. A., canned goods, Churchville, Md.
Bodwell Brick & Tile Co., Kansas City, Mo.
Bodwell Counter Co., Haverhill, Mass.
Bodwell, Cyrus F., architect, Gardner, Mass.
Bodwell Granite Co., Rockland, Me.
Boebinger Hardware Co., 315 E. Pearl, Cincinnati, Ohio.
Boeckeler Lumber Co., Hall & Mallinckrodt, St. Louis, Mo.
Boedtcher, Franz A., elevator safety devices, 355 W. 42d, New York.
Boegel, Wm. J., architect, 162 E. 37th, New York.
Boeger, John C., contractor, Arlington Heights, Ill.
Boehrer, J. Henry, archit., Thomson Bldg., Oakland, Cal.
Bolger-Meyer Mach. & Tool Co., coupling shaft, 59-65 McWhorter & Bruen, Newark, N. J.
Boehck-Lueck Co., metal specialties & door springs, 71 W. Water, Milwaukee, Wis.
Boehler, Chas. F., landscape archt., Kresge Bldg., Detroit, Mich.
Boehm, C. A., & Son, carriages, Camden, N. Y.
Boehm, Fred'k, Ltd., olive oils, 165 B'way, New York.
Boehm, Christian C., inc. lamps, Rochester, N. Y.
Boehm, Geo. A., & H., architects, 7 W. 42d, New York.
Boehm, H., & Co., incandescent miniature lamps, Youngstown, O.
Boehm, J. K., foundry sand, Huron, Ohio.
Boehme & Rauch Co., paper & pulp mills, Monroe, Mich.
Boehmer, A. L., paint, Covington, Ky.
Boehmer, Chas. & Son, contractors, 1904 Gang, Pittsburgh, Pa.
Boehmer, Otto J., architect, 3500 Palm, St. Louis, Mo.
Boeing Airplane Co., Seattle, Wash.
Boeke Constr. Co., 1818 Ann av, St. Louis, Mo.
Boekel, Wm. & Co., machsts, 518 Vine, Philadelphia, Pa.
Boekenkamp, E. G., Sr., architect, Norwood, Pa.
Boelhauwe, C. T., architect, State Bk. & Tr. Bldg., San Antonio, Tex.
Boelhauwe, Chas. G., contractor, San Antonio, Tex.
Boenisch & Kraus, architects, Ohio Bldg., Akron, Ohio.
Boer, Jas., masons' matls., Grand Rapids, Mich.
Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.
Boerum & Farrell, architects, Rockaway Park, N. Y.
Boerum Knitting Mills, sweaters, cardigans, etc., 105 Meserole, Brooklyn, N. Y.
Boes & Higman, contr., Wyanet, Ill.
Boesch Lamp Co., metal stamping, 962 Mission, San Francisco, Cal.
Boesch Mfg. Co., machsts, Danbury, Conn.
Boesch, Victor P. & Son, cornices, Linwood & Delta av, Cincinnati, Ohio.
Boese, Frederick D., architect, Call Bldg., San Francisco, Cal.
Boese, John, architect, 280 Broadway, New York.
Boeseke-Dawe Co., cornices & skylights, Santa Barbara, Cal.
Boettcher, Edward, lbr., Westfield, Texas.
Boetticher & Kellogg Co., wholesale hdwe.; machsts' tools, Evansville, Ind.
Boettiger & Co., paste, Erie, Pa.
Boettiger, Louis A., Co., key chains, cream dippers, tweezers, 48 Leonard, New York.
Boettler, Fred, carriages, 2621 Cass av, St. Louis, Mo.
Bofinger Bros., metal & elec. signs, 146 E. 42d, New York.
Bogalusa Mill & Supply Co., masons' & bldrs.' matls., Bogalusa, La.
Bogard, A., scrap iron & steel, Terre Haute, Ind.
Bogard, Noah, contr., Washington, Ind.
Bogardus, E. R., & Son, architects, Mason City, Ia.
Bogart, A. L., Co., elec. burners, torches, clocks, etc., 55 Barclay, New York.
Bogart, I. H. & Son, contractors, 414 Albany, Boston, Mass.
Bogart, J. S., contractor, Mills Bldg., San Francisco, Cal.
Bogart Piano Co., 9 Canal pl, New York.
Bogert, A. Z., & Bro., masons' & bldrs.' matls., River Edge, N. J.
Bogert, C. V. R., Esq., architect, 167 Main, Hackensack, N. J.
Bogert-Carlough Co., machsts., Paterson, N. J.
Bogert, Chas A., contractor, Englewood, N. J.
Bogert & Hopper, Inc., wood turning products, 57 Barclay, New York. *See adv index at end of book*
Boggs Auto Supply Co., Ft. Dodge, Ia.
Boggs Broom Corn Co., 1206 N. Main, St. Louis, Mo.
Boggs, Edw. T., architect, Norristown, & 136 S. 4th, Phila., Pa.
Bogota Paper & Board Co., Bogota, N. J.
Bogota Plumbing Supply Co., Bogota, N. J.
Bogue, Chas. J., Elec. Co., 513 W. 29th, New York.
Bogue Wensley Lead Co., see Wensly Metal Products Co. (successor).
Bohannan, Wilson, door locks, 760 Lexington av, Brooklyn, N. Y.
Bohem, A. & G., cornices, 15th & Federal, Philadelphia, Pa.
Bohem Mfg. Co., window ventilators, 15 & Federal, Phila., Pa.
Bohemia Lbr. Co., Dorena, Oregon.
Bohemian Pottery Co., Zanesville, Ohio.
Bohlen, D. A., & Son, archts., Majestic Bldg., Indianapolis, Ind.
Bohm, Albert, push buttons, 260 W. B'way, New York.
Bohm Cabinet Co., piano benches, 179 Magne, Rochester, N. Y.
Bohm, G. B., architect, Williamson Bldg., Cleveland, Ohio.
Bohm & Stuhr, sash, door & blind, B'way & W. & L. E. R. R., Cleveland, Ohio.
Bohn, Geo., & Sons, saddles & bridles, 613 W. Market, Louisville, Ky.
Bohn Refrigerator Co., 1340 Universal av, St. Paul, Minn.
Bohn Roofing & Cornice Co., Norfolk, Va.
Bohnard & Parsons, architects, Euclid Bldg., Cleveland, Ohio.
Bohner, M. J., see Bohnert Sheet Metal & Roofing Co. (successors).
Bohnert Sheet Metal & Roofing Co., 516H 11th av, Miami, Fla.
Bohnet, Jno. & Co., auto. tops, Lansing, Mich.
Bohrer, K. E., laundry tray legs, 347 Worth, Rochester, N. Y
Boice, Runyon Co., masons' & bldrs.' matls., Plainfield, N. J.
Boicourt Machine Co., fndrs., 93 Fort Worth, Tex.
Boig & Hill, steam fitters' supplies, 216 Fulton, New York.
Boileau, Paul, stone producers, 722 S. Kolmar, Chicago, Ill.
Boiler, Carl Henry, architect, Ridge Bldg., Kansas City, Mo.
Boiler Efficiency Engineers, see Chicago Incinerator Co. (successors).
Boiler-Kote Co., The, compounds, 343 Dearborn, Chicago, Ill.
Boiler Maker, trade publication, 6 E. 39th, New York.
Boiler & Radiator Sales Co., steam fitters' supplies, 126 W. Kinzie, Chicago, Ill.
Boiler Room Improvement Co., smoke indicators, 8 S. Dearborn, Chicago, Ill.
Boiler Tube Co. of America, 1228 Park Bldg., Pittsburgh, Pa. *See adv index at end of book.*
Bois D'Arc Canning Co., Bois D'Arc, Mo.
Boise-Iron Wks. & Fdry. Co., Boise, Idaho.
Boise Butcher Co., Ltd., Boise, Idaho.

Boise Payette Lbr. Co., Boise, Idaho.
Boise Valley Packing Co., meat, Eagle, Idaho.
Boissier Elec. Co., 205 W. 19th, New York.
Boissonnautt, G., Co., telephones, 26 Cortlandt, New York.
Boitnott, C. C. & Sons, canned goods, Naffs, Va.
Boker Cutlery & Hardware Co., Inc., 101 Duane, New York.
Boker, Frank L., architect, Pacific block, Seattle, Wash.
Boker, H., & Co., steel products, 101 Duane, New York.
Bokern, F. T., stove mfrs., 217 Market, St. Louis, Mo.
Boland Bros., contractors, Scranton, Pa.
Boland, C. P. & Co., bldg. & genl. contractors, 30 4th, Troy, N. Y.
Boland, Christ T., contractor, Scranton, Pa.
Boland, Jas., Rendering & Fertilizing Co., Jackson, Mich.
Boland, John V., Constr. Co., Chemical Bldg., St. Louis, Mo.
Boland Machine Co., 1006 Tchoupitoulas, New Orleans, La.
Bolce, Louis H., & Co., paint mfrs., 2435 Gilbert av, Cincinnati, O.
Bolcom Canal Lumber Co., cedar shingles, Seattle, Wash.
Bold, Wm. M., machsts., Decatur, Ill.
Boldt, Chas., Co., glass bottles, Davis la & Penn Ry., Cincinnati, Ohio.
Boldt, George, machsts. & fndrs., Tinley Park, Ill.
Boldt-Low Construction Co., Swetland Bldg., Cleveland, Ohio.
Bolduc, Leander, contractor, Fall River, Mass.
Boley, B., glass bottles, 157 10th av, New York.
Boley, C. H., Co., size, turpentine, varnish, etc., 3722 N. Randolph, Philadelphia, Pa.
Bolin-Hall Grain Co., Hutchinson, Kans.
Bolin Metallic Door Co., Kansas City, Mo.
Bolinders Co., Imp., marine engines, 30 Church, New York.
Bolivar Fdry. & Mach. Co., Bolivar, Pa.
Boll Bros. Mfg. Co., mattress mfrs., Harrisburg, Pa.
Bollard & Webster, architects, McCagne bldg, Omaha, Neb.
Bolle, R., Mfg. Co., celluloid combs, 99 Stewart, Providence, R. I.
Bollenbacher, J. Carlisle, architect, 108 S. La Salle, Chicago, Ill.
Boller, Chas. & Sons Co., sash, door & blind mfrs., lbr. 379 Chicago, Buffalo, N. Y.
Boller, Peter, Mach. Wks., 124 N. Curtis, Chicago, Ill.
Boller Piano Co., 2168 Milwaukee av, Chicago, Ill.
Bollerman, Arthur M., pianos, 337 E. 133rd, New York.
Bolles, Aerial E., window sash, 52 Duane, New York.
Bolles, E. E. & Co., lumber, Coleman, Wis.
Bolles, Edw. G., architect, 233 Post, San Francisco, Cal.
Bolles, J. E., Iron & Wire Wks., 288 E. Milwaukee, Detroit, Mich.
Bolles, Wm. B., emergency exit-door locks, P. O. Box 600M, Milwaukee, Wis. *See adv. index at end of book.*
Bollinger-Andrews Constr. Co., Empire Bldg., Pittsburgh, Pa.
Bollinger Bros., see Pittsburgh Coal Washer Co. (successors).
Bollinger & Rieley Mach. Co., Cleveland, Ohio.
Bollmann, Wilson, Fdry. Co., 506 E. Front, Cincinnati, Ohio.
Bollwerk, H., & Bro., auto. wood bodies, tank wagons, St. Louis, Mo.
Bolster Bros., stone producers, Ephrata, Pa.
Bolster, J. W., carriages, Peabody, Mass.
Bolte, Ben., & Son, Lbr. Mfrs., Ferdinand, Ind.
Bolte, Chas., Sales Organization, furniture, 47H W. 34th, New York.
Bolte Mfg. Co., incandescent portable lamps, 231 N. Desplaine, Chicago, Ill.
Bolte Mfg. Co., concrete mixers, Kearney, Neb.
Bolter's, A. Sons, fndrs., 2301 Ward, Chicago, Ill.
Bolton Bros., mill & facty. supplies, 416 E. Pratt, Baltimore, Md.
Bolton, Chas. W., architect, Witherspoon bldg, Phila., Pa.
Bolton, F. D., canned goods, Fincastle, Va.
Bolton, H. L., canned goods, Troutville, Va.
Bolton, John W. & Sons, Inc., machine knives, bed plates, paper & pulp mill machinery, Lawrence, Mass.
Bolton, R. P., exhaust heads, 55 Liberty, New York.
Bolton-Pratt Co., contractors, Columbia Bldg., Cleveland, Ohio.
Boltz, B. F., Mfg. Co., wood handles, Winchester, Ind.
Bolyard, Nelson, flour mills, Marquess, W. Va.
Bomar, B. F., machsts., Spartanburg, S. C.
Bolz Cooperage Corp., 7026H Title Guaranty Bldg., St. Louis, Mo.
Bolz, McBride, Cooperage Co., Title Guaranty Bldg., St. Louis, Mo
Bombayreed Willow Furnaure Co., 5155 Wakefield, Phila., Pa.
Bomberger Brick Wks., Lancaster, Pa.
Bomer-Blanks Lbr. Co., Blanks, La.
Bomer-Ferguson Co., Ltd., lumber, Lake Arthur, La.
Bomgardner Mfg. Co., invalid chairs, 1384 Hird av, Cleveland, Ohio.
Bommer Bros. Spring Hinge Co., 263 Classon av, Brooklyn, N. Y.
B. & O. Milk Co., canned, Carlyle, Ill.
Bon Air Coal & Iron Co., furnaces, Nashville, Tenn.
Bon Ami Co., soap powders, 17 Battery pl, New York.
Bonafide Mfg. Co., gaff hooks, minnows, etc., Plymouth, Mich.
Bonagur, Vincent, architect, 789 Horne, New York.
Bonar, James & Co., Inc., steam spec., Park Bldg., Pittsburg, Pa.
Bonas, E., & Sons, mchsts. & fndrs., Coulterville, Ill.
Bonazzi & Bonazzi, granite, Montpelier, Vt.
Bond, Alfred J., lumber, Bradford, Pa.
Bond Bldg. Co., contr's., Elizabeth, N. J.
Bond, B. F., Paper Co., blankets, 33 S. Hanover, Baltimore, Md.
Bond Bros., paper carton mach'y, Ednor, Md.
Bond Bros., ties & lumber, Elizabethtown, Ky.
Bond, Chas., Co., mill & facty. supplies & leather belting, 520 Arch, Philadelphia, Pa.
Bond, E. W., Co., lumber, Lake Helen, Fla.
Bond-Foley Lbr. Co., Bond, Ky.
Bond Foundry & Machine Co., power transmitting machinery, Manheim, Pa.
Bond, Geo. E., & Co., granite producers, Barre, Vt.
Bond, Geo. H., architect, Healy Bldg., Atlanta, Ga.
Bond, H. W., architect, Baker, Oregon.
Bond, H. W., Bros., contrs., New Orleans, La.
Bond Lumber Co., Glenwood, Fla.
Bond Lumber Co., Bond, Miss.
Bond Mfg. Co., caps, corks, washers, etc., Wilmington, Del.
Bond, Newton C., architect, North Adams, Mass.
Bond, Newton, architect, 476 Main, Springfield, Mass.
Bond Paint & Varnish Co., E. 81, Cleveland, O.
Bond, St. Georges, scriptographs, Crozer Bldg., Philadelphia, Pa.
Bond Sandstone Brick Co., Lake Helen, Fla.
Bond Steel Post Co., Adrian, Mich.
Bond Supply Co., mill & facty. supplies, Kalamazoo, Mich.
Bond Varnish Co., Fanwood, N. J.
Bond, Vivian & Co., ferre manganese, etc., 68 Beaver, New York.
Bond, W. C., wood handles, New Castle, Ind.
Bond, Walter J., contractor, 13 Haliett, Long Island City, N. Y.
Bond, Wm., & Son, chronometers, 22 Beacon, Boston, Mass.
Bonebrake Hardware & Implement Co., El Reno, Okla.
Bonell, Wm., carriages, Eau Claire, Wis.
Bonesteel, A. E. & Co., wholesale hdwe., 313 River, Troy, N. Y.
Boney, A. T., agricultural implements, Cairo, Mo.
Boney, Leslie N., architect, Goldsboro, N. C.
Bonfoev, B. C., architect, Tampa, Fla.
Bonfoey, F. L., architect, Charlotte, N. C.
Bonham Cotton Mills, sheetings, Bonham, Tex.
Bonham Lbr. Co., Akron, Ala.
Bonham Recorder Co., carfare registers, Hamilton, Ohio.
Bonham, Winchester, contractor, Wildwood, N. J.
Bonita Mfg. Co., elec. cable hangers, Hancock & Columbia, Philadelphia, Pa.
Bonitz, Henry E., architect, Wilmington, N. C.
Bonn, Sam., contrs., Syracuse, N. Y.
Bonnell, E. M., bed springs, Corry, Pa.
Bonnell, J. D., & Son, jewelers' tags, 311 Atlantic av, Boston, Mass.
Bonnell, J. V., landscape architect, 1 B'way, New York.
Bonnell, Jas. E., contractor, Tacoma, Wash.
Bonnell, W. A., bolts, cabinets, clamps, connectors, etc., 192 Chambers, New York.
Bonner & Barnewall, belting, 30 Church, New York.
Bonner Fruit Co., canners, Lankershim, Cal.
Bonner Furn. Co., Dept. H, Nashville, Tenn.
Bonner, J. H., & Sons, lumber, Heth, Ark.
Bonner & Marshall Brick Co., 133 W. Washington, Chicago, Ill.
Bonner Oil Co., Houston, Tex.
Bonner Portland Cement Co., Kansas City, Kans.
Bonners Ferry L'br. Co., Bonners Ferry, Idaho.
Bonnett, Nicholas, & Co., wood turners, 619 W. Adams, Chicago, Ill.
Bonney, E. L., Box Co., packing box, Brocton, Mass.
Bonney-Floyd Co., steel castings, etc., Columbus, Ohio.
Bonney Forge & Tool Works, wrenches, vises & forgings, Allentown, Pa.
Bonney-Shanks Co., drills, Chattanooga, Tenn.
Bonney Supply Co., contractors' machy., Livingston Bldg., Rochester, N. Y.
Bonney-Vehslage Tool Co., conductors' ticket punches, 60 N. J. R. R. av, Newark, N. J.
Bonney Vise & Tool Wks, see Bonney Forge & Tool Wks. (successors).
Bonnite Insulation Co., 225 Murray, Newark, N. J.
Bonniwell-Calvin Iron Co., wholesale hdwe., 1205 W. 10th, Kansas City, Mo.
Bonnot Co., brick, clay & cement machy., Canton, Ohio
Bonthron, Jas., architect, Beck Bldg., Portland, Ore.
Bonvallet's, P. A., Sons, canned goods, Wichert, Ill.
Bonville, Edw., slate for elec'l purposes, Fair Haven, Vt.
Bonyata Chemical Co., liquid, disinfectant & scrubbing soaps, Grinnell, Iowa.
Booden & Son, varnish mfrs., 243 N. 9th, Brooklyn, N. Y.
Book, E. W., contr., Sacramento, Cal.
Booker Box Co., pckg. box mfrs., Louisville, Ky.
Booker & Campbell, contractors, Bellingham, Wash.
Booker, H. R., & Co., wholesale hdwe. & plumbers' supplies (jobbers), Hampton, Va.
Booker, Kiehl & Whipple, contrs., Central Bldg., Seattle, Wash.
Bookhop, F. H., corn & whisk brooms, & brushes, 151 38th, Brooklyn, N. Y.
Books Trunk Co., 19 E. 8th, Kansas City, Mo.
Bookwalter Wheel Co., Miamisburg, Ohio.
Boomer, I. E., masons' & bldrs.' matls., New Telegram bldg., Detroit, Mich.
Boom Boiler & Welding Co. (The), 1615 Merivin av, Cleveland, Ohio.
Boon, N., bldg. contr., 291 Orange rd, Montclair, N. J.
Boone Brick Tile & Paving Co., Boone, Ia.
Boone Bros., see Boone, J. M. (successor).
Boone Construction Co., Lebanon, Ind.
Boone County Coal Corp., Charples, W. Va.
Boone, D. R., lime, Oglesby, Tex.
Boone Fork Lbr. Co., Shulls Mills, N. C.
Boone, J. M., flour mills, Erin, Tenn.
Boone, Robt. M., contractor, Alliance, Ohio.
Boone Timber Co., Clothier, W. Va.
Boone Trail Coal Co., Pineville, Ky.
Boonstra, L. A., architect, Lafayette, Ind.
Boonton Rubber Co., Boonton, N. J.
Boonville Brick Co., Boonville, Mo.
Booneville Brick & Tile Co., Booneville, Miss.
Boor & Davis, flour mills, Mannington, W. Va.
Boorse, Horace B., contractor, 665 N. 15th, Philadelphia, Pa.
Boortz, Fred, contractor, Waukesha, Wis.
Boorum & Pease Co., R. R. stationery; books, etc., 109 Leonard, New York.
Boorum & Pease Co., index tabs, Brooklyn, N. Y.
Boos, John, & Co., cutting benches, butchers' blocks, Effingham, Ill.
Booth, A. M., masons' & bldrs.' matls., Huntsville, Ala.
Booth, A. W., & Bro., masons' & bldrs.' matls., Bayonne, N. J.
Booth, Alexander, contractor, Newport, R. I.
Booth Art Glass Co., 84 W. Huron, Buffalo, N. Y.
Booth, A. W., lbr., Hamilton, Miss.
Booth, Benj. & Co. (Ltd.), card clothing, 1717 N. Bodine, Philadelphia, Pa.
Booth & Boyd Lbr. Co., Saginaw, Mich.
Booth Bros. Co., shoe machy., Rochester, N. Y.
Booth Bros & Hurricane Isle Granite Co., stone workers, 208 B'way, New York.
Booth & Chase Co., Inc., contractors, Fall River, Mass.
Booth, C. F., Co., talcum powder, Norwich, N. Y.
Booth Column Co., Toledo, Ohio.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Booth Fisheries Co., Astoria, Ore.
Booth & Flinn, contractors, 17 Battery pl, New York & 1942 Forbes, Pittsburgh, Pa.
Booth, Garrett & Blair, chemists, engineers & testing laboratories, 404 Locust, Philadelphia, Pa.
Booth, George E. Bldg. Co., contractors, B'way & Circus pk, Detroit, Mich.
Booth, Herbert L., architect, 722 Oakwood blvd, Chicago, Ill.
Booth, Irving D., Inc., hardware—wholesale, Elmira, N. Y.

Booth, J. B., Co., steel struct. wk., 216 E. Robinson, Pittsburgh, Pa.
Booth, J. R., lbr., Burlington, Vt.
Booth-Kelly Lbr. Co., Eugene, Ore.
Booth & Law Co., varnish mfrs., New Haven, Conn.
Booth & Lewis Lbr. Co., Grand Cen. Ter., New York.
Booth, Nickolson & Gilchrist, contrs., Gardner, Ill.
Booth Packing Co., ft. of Wolfe, Baltimore, Md.
Boothby & Tucker, canned goods, Portland, Me.
Boothe-Miller Co., lamps, 2210 S. Main, Los Angeles, Cal.
Boott Mills, cotton sheetings, duck, Lowell, Mass.
Booz Bros., ship bldrs, 815 Key Highway, Baltimore, Md.
Booze, G. C., canned goods, Springwood, Va.
Booze, G. W., machinist, Gueydan, La.
Boquin, L. O., contractor, Oil City, Pa.
Borbein Auto. Co., 2109 N. 9th, St. Louis, Mo.
Borbein, H. G., wagon bodies, 2109 N. 9th, St. Louis, Mo.
Borchers Carriage & Auto Co., Dayton, Ohio.
Borchers, Richard C., & Co., tex. machy, supplies, etc., Fkd., Philadelphia, Pa.
Bord Varnish Co., 202 Main, Cincinnati, Ohio.
Borden, B. F. & Co., Ltd., cooperage stock, Front Royal, Va.
Borden, Chas. W., lumber, Half Moon Bay, Cal.
Borden Co., The, "Beaver" easy working pipe threaders and "Beaver" square end pipe cutters, Warren, Ohio.
Borden, Cook & Co., sash, door & blind mfrs., Fall River, Mass.
Borden, Guiney & Kendall Co., masons' & bldrs.' matls., Fall River, Mass.
Borden, Jefferson & Son, mill & facty. supplies, Fall River, Mass.
Borden & Remington Co., mfrs. drugs & chemicals, jobbers of burlaps, bale rope, starches, lubricating oils, etc., Fall River, Mass.
Bordentown Forge & Mach. Co., Bordentown, N. J.
Bordentown Steel & Tube Corp., Bordentown, N. J.
Border City Industrial Co., step ladders, Border City, N. Y.
Bordo, L. J., Co., valve mfrs., & steam specialties, 12th & Thompson, Philadelphia, Pa.
Boren, John W., & Sons Co., contrs., Louie & Columbia, Dayton, Ohio.
Boren, Wm., masons' & bldrs.' matls., Ashland, Ohio.
Borg & Beck Co., machsts., Moline, Ill.
Borg, Emil, contractor, 1787 E. 45th, Los Angeles, Cal.
Borger Bros. Co., tubular boilers, tanks, etc., 257 W. Spring, Columbus, Ohio.
Borger, Valentine, machsts., 2035 N. 2d, Philadelphia, Pa.
Borgeson, C. E., wood handles, 1775 Wilson av., Chicago, Ill.
BORGESON MFG. CO., universal joints, Monroe St., Torrington, Conn. *See adv index at end of book*
Borgfeldt, Geo. & Co., aluminum hollow ware, alarm clocks, toys, etc., 16th & Irving pl, New York.
Borgfeldt Brass Co., Metuchen, N. J.
Borgfeldt, N. H., & Co., machsts., Metuchen, N. J.
Borgman, A. J., cornices, 765 Forest av, E. Detroit, Mich.
Borgner, Cyrus Co., masons' & bldrs.' matls., 234 N. 23d, Philadelphia, Pa.
Borgstrom, G. J., dies, 118 So. Clinton, Chicago, Ill.
Borgwald, John, contractor, Mount Vernon, N. Y.
Borgwald, Wm., contractor, Mount Vernon, N. Y.
Borgwardt & Ernst Co., tree moss, 1234 W. Chicago av, Chicago, Ill.
Borgzinner, S., Co., jewelry cases, Orange, N. J.
Borhek, R. E., architect, Savage-Scofield Bldg., Tacoma, Wash.
Borie, C. L., Jr., architect, 15th & Walnut, Philadelphia, Pa.
Boright, John W., Lumber Co., Chatham, N. Y.
Boring & Tilton, architects, 52 Vanderbilt av, New York.
Bork & Richard, sash, door & blind mfrs., Meadville, Pa.
Borkel, Jno., & Co., cornices, 42 E. Houston, New York.
Borkenhagen, A., & Son, contrs., 175 Norwalk av, Buffalo, N. Y.
Borkenstein, B., contractors, Fort Wayne, Ind.
Borland & Diamond Lumber Co., Oil City, Pa.
Born, Chas. A., plumbers' supplies—jobbers, Pensacola, Fla.
Born, H. A. Co., Inc., ice & refrigerating machines, 326 River, Chicago, Ill.
Born, L., masons' & bldrs.' matls., Hampton, Va.
Born, S. A., Bldg. Co., 37th av & Shoreview, San Francisco, Cal.
Born Steel Range Co., 3945 W. 25th, Cleveland, Ohio.
Borne, Chas. A., Co., machy. dlrs., 37 Wooster, New York.
Borne-Scrymser Co., oils, 80 South, New York.
Bornemann, Adolph, machinist, St. Peter, Minn.
Bornemann, Ed., lumbermen's socks, St. Peter, Minn.
Borneman & Sons, whol. hdwe. & mill & facty. supplies, Elkhart, Ind.
Bornwasser, Louis P., Co., meat packers, Louisville, Ky.
Boron Products Co., copper alloy wps., Reading, Pa.
Boroseptic Chemical Co., tooth paste, 1415 11th av, So. Minneapolis, Minn.
Borough Development Co., 186 Remsen, Brooklyn, N. Y.
Borres, Jos. & Sons, contractors, 4808 Kincaid, Pittsburgh, Pa.
Borreson Mfg. Co., hdwe.; machsts., St. Paul, Minn.
Borsum Bros., metal polish, 227 Fulton, New York.
Borthwick, Pringle, contractor, 8018 Germantown, Phila., Pa.
Bortner, Daniel G., architect, 203 Ashland av, R. P., Baltimore, Md.
Borton Coal & Trading Co., masons' & bldrs.' matls., Atlantic City, N. J.
Boryer, Harry F., contractor, 1300 F, N. W., Washington, D. C.
Borzner, Andrew C., architect, 717 Walnut, Philadelphia, Pa.
Bos, Jno. N., Sand Co., 118 N. La Salle, Chicago, Ill.
Bos & O'Brien, contrs., Hearst bldg., San Francisco, Cal.
Bescacer, Jos., machinist, Oakland, Cal.
Bosch, Hy., Co., wall paper mfrs., 485 5th av, New York.
Bosch, Hy., Co., window shade mfrs., 525 S. Wabash av, Chicago, Ill.
Bosch Magneto Co., magneto mfrs., 223 W. 46th, New York.
Boschen, W., architect, Lacy Natl. Bank bldg., St. Joseph, Mo.
Boseck, Otto M., contractor, 99 Marlemont av, Buffalo, N. Y.
Bosken Lumber Co., Evans & Erie, Cincinnati, Ohio.
Bosler, E. H., carriage dressing, 1935 Wabash av, Chicago, Ill.
Bosquit, Wm. C., contr., East St. Louis, Ill.
Bosley, D. W., Co., weather strips, 122 S. Mich. av, Chicago, Ill.
Bosley, L. W., cornices & skylights, Gainesville, Tex.
Boss, I. C., bldg. contr., Sacramento, Cal.
Boss, John C., Co., brick, Elkhart, Ind.
Boss Mfg. Co., agricultural implements, Kewanee, Ill.
Boss Mfg. Co., canvas gloves, 70 Washington, Brooklyn, N. Y.
Boss Nut Co., bolts, lock-nuts & washers, 1734 N. Kolman av, Chicago, Ill. *See adv. index at end of book.*
Boss Pulling Mach. Co., steel derricks, Vanburen, Ind.
Boss Tile Spade Co., Anamosa, Ia.
Boss Washing Mach. Co., Cincinnati, Ohio.
Bossert Corp., The, automobile stampings, etc., cor. Linden & West av, Utica, N. Y.
Bossert, Fred, masons' & bldrs.' matls., Grand Rapids, Wis.
Bossert, O. H., Co., contractors, 848 Jackson, Milwaukee, Wis.
Bossert, Louis & Son, stair bldrs.' supplies, 1335 Grand, Brooklyn, N. Y.
Bossom, Alfred C., architect, 680 5th av, New York.
Bosson & Lane, lubricating oils & greases, Atlantic, Boston, Mass.
Bossony, John, furniture, 534H W. 58th, New York.
Bossout, Frank J., architect, Havre, Mont.
Bost, C. F., contractor, Huntsville, Ala.
Bostick Lbr. & Mfg. Co., Meridian, Miss.
Bostick, P. E., contr., 1st Nat. Bk. Bldg., Birmingham, Ala.
Bostick Stove Co., Lapeer, Mich.
Bostock, Thos., & Sons, mchsts. & fdrs., Brockton, Mass.
Boston Armature Wks., railway supplies, 77 Washington, Boston, Mass.
Boston Auto Gage Co., fuel level indicators, 8 Waltham, Boston, Mass.
Boston Auto Top Co., 100 Massachusetts av, Boston, Mass.
Boston Auto Wrench Co., 31 State, Boston, Mass.
Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.
Boston Badge Co., buttons, 294 Waashington, Boston, Mass.
Boston Bamboo Co., bamboo furn., 117 Portland, Boston, Mass.
Boston Belting Corp., rubber belting, hose, packing and roller coverings, mfrs., 84 Linden pk, Roxbury, Boston, Mass.
Boston Belting Co., packing mfrs., 217 S. Peters, New Orleans, La.
Boston Blower Co., fan mfrs., Hyde pk, Boston, Mass.
Boston Blue Print Co., 12 India, Boston, Mass.
Boston Bonnet Wire Co., 38 India, Boston, Mass.
Boston Bottling, Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Boston Brass Co., ball cocks, floats, tank valves & lead traps & "Acme" Sewer valves, mfrs., 135 Bacon, Waltham, Mass. *See adv index at end of book.*
Boston Brazing Co., 465 Atlantic av, Boston, Mass.
Boston Brick Co., Boston, Mass.
Boston Bridge Works, steel bridges & structural steel work, 47 Winter, Boston, Mass.
Boston Building Materials Co., 370 Albany, Boston, Mass.
Boston Burial Case Co., Somerville, Mass.
Boston Chemical Co., disinfectants, 196 W. Canton, Boston, Mass.
Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.
Boston Consolidated Coal Co., Athens, Ohio.
Boston Contracting Co., 49 Medford, Boston, Mass.
Boston Copper Works Co., E. Boston, Mass.
Boston Corking Mach. Co., boat fenders, 18 Tremont, Boston, Mass.
Boston Coupling Co., 156 Pearl, Boston, Mass.
Boston Duck Co., canvas & cotton duck, Bondsville, Mass.
Boston Elevated Railway Co., mchsts. & fdrs., 101 Milk, Boston, Mass.
Boston Engng. Co., boilers, 308 Atlantic av, Boston, Mass.
Boston Engineers' Supply Co., 159 Pearl, Boston, Mass.
Boston Excelsior Co., excelsior mfrs., & packing and wrapping pads, 26 Canal, Boston, Mass., and 11th av & 29th, N. Y.
Boston Export Co., Inc., mill & facty. supplies, 113 State, Boston, Mass.
Boston Feather Duster Co., 74 Pearl, Boston, Mass.
Boston Felt Mfg. Co., mechanical, 110 Beach, Boston, Mass.
Boston Filter Co., water coolers & filters, Chelsea, Mass.
Boston Fire & Police Notification Co., fire alarms, 11 High, Boston, Mass.
Boston Food Products Co., canned goods, 16 New, Boston, Mass.
Boston Forge Co., E. Boston, Mass.
Boston Fountain Pen Co., 319 Washington, Boston, Mass.
Boston Galvanizing Wks., 121 W. 1st, Boston, Mass.
Boston Gear Works, gears, sprockets, chains & universal joints, Norfolk Downs, Quincy, Mass. *See adv. index at end of book.*
Boston Gore & Web Co., shoe goring & elastic webbing, Chelsea, Mass.
Boston Index Card Co., index cards, guides & vertical file folders, mfrs., 113 Purchase, Boston, Mass.
Boston Insulated Wire & Cable Co., Boston, Mass.
Boston Iron & Metal Co., scrap iron & steel, Pratt & Fremont av, Baltimore, Md.
Boston Last Co., elec. htg. & ironing outfits (shoe facty.), 44 Binford, Boston, Mass.
Boston Leather Stain Co., 109 Purchase, Boston, Mass.
Boston Light Supply Co., mill & facty. supplies, 91 Portland, Boston, Mass.
Boston Lightning Rod Co., Old South Bldg., Boston, Mass.
Boston & Lockport Block Co., tackle blocks, sheaves, etc., 100 Condor, E. Boston, Mass.
Boston Lumber Co., 79 Milk, Boston, Mass.
Boston Machine Screw Co., screw machine products, 17 Tudor, Cambridge, Mass.
Boston Machine Shop Co., Oroville, Cal.
Boston Mach. Wks. Co., Lynn, Mass.
Boston Mailing Co., 394 Atlantic av, Boston, Mass.
Boston Marine H'dwe. Co., whol., 259 Atlantic av, Boston, Mass.
Boston Mat & Basket Co., 94 Commercial Boston, Mass.
Boston Metal Ceiling & Mfg. Co., 27 Haymarket Sq., Boston, Mass.
Boston Metallic Bed Co., 90 Canal, Boston, Mass.
Boston Milling Co., flour, South Boston, Va.
Boston Mirror Co., 69 Sudbury, Boston, Mass.
Boston Nickel Plating Co., 160 Portland, Boston, Mass.
Boston Oil & Gasoline Co., lubrg. oils & greases, 24 Piedmont, Boston, Mass.
Boston Oregon Mast Co., 131 Coleridge, E. Boston, Mass.
Boston Packing Co., meat, Portland, Ore.
Boston Paper Mfg. Co., fancy printed, 15 Chardon, Boston, Mass.
Boston Paste Co., 81 Traverse, Boston, Mass.
Boston Piano Supply Co., piano key hammers, B'way, Boston, Mass.
Boston Pipe & Fittings Co., steam fitters' supplies, 273 Congress, Boston, Mass.
Boston Plumbing & Lighting Supply Co., Boston, Mass.
Boston Pocket Book Co., bk. messengers' wallets, 169 Massachusetts av, Boston, Mass.

Boston Pressed Metal Co., seamless drawn shapes & specialties from brass & steel, 170 Union, Worcester, Mass.
Boston Printing Press & Machy. Co., East Bridgewater, Mass.
Boston Roofing Co., cornices & skylights, 6 Beacon, Boston, Mass.
Boston Rubber Shoe Co., 130 Essex, Boston, Mass.
Boston Sand & Gravel Co., 88 Broad, Boston, Mass.
Boston Sash Weight Co., 79 Milk, Boston, Mass.
Boston Scale & Mach. Co., angle plate & scales, also tools, jigs, fixtures & special machy. mfrs., 100 Ruggles, Boston, Mass.
Boston Self-Locking Block Co., Waltham, Mass.
Boston Spec. Corp., pencil sharpeners, 261 B'way, New York.
Boston Stove Fdry. Co., 210 Borden, Boston, Mass.
Boston Thread Co., Lena & Armat, Philadelphia, Pa.
Boston Thread & Twine Co., 575 Atlantic av, Boston, Mass.
Boston Tool & Mfg. Company, Inc., die filing machines, special machinery, etc., 262 Dover, Boston, Mass.
Boston Tow Boat Co., submarine divers, 111 Devonshire, Boston, Mass.
Boston Vapor Heating Co., 52 Chauncy, Boston, Mass.
Boston Varnish Co., varnish mfrs., Everett, Mass.
Boston Willow & Willowcraft Shops, Inc., furniture, Cambridge, Mass.
Boston Willow & Willowcraft Shops, 42 Everett st, Allston District, Boston, Mass.
Boston Wire Stitcher Co., machsts., East Greenwich, R. I.
Boston Woven Hose & Rubber Co., mechanical rubber goods mfrs., Cambridge, Mass.
Bostrom-Brady Mfg. Co., levels, Atlanta, Ga.
Bostrom, R. E., architect, Pickering Bldg., Cincinnati, Ohio.
Bostwick-Braun Co., wholesale hdwe., Toledo, Ohio.
Bostwick Bros., masons' & bldrs.' matls., St. Albans, Vt.
Bostwick-Goodell, wooden specialties, Norwalk, Ohio.
Bostwick, Harley, & Co., turpentine Lawtey, Fla.
Bostwick, C. G., sheet steel ceilings, ventilator mfrs., etc., Hartford, Conn.
Bostwick & Goodell, advtg. novelties, Norwalk, Ohio.
Bostwick, J. R. & H. J., pipe joint & roofing cements, Clifton Springs, N. Y.
Bostwick, Jas. M. C., babbit metal, 372 Abbott, Detroit, Mich.
Bostwick Steel Lath Co., Niles, Ohio.
Boswick, Jas. R., contractor, Portsmouth, Va.
Bosworth-Ard Machine & Foundry Co., Anniston, Ala.
Bosworth, De Frenes & Felton, motion picture machines, Wilkes-Barre, Pa.
Bosworth Bag Co., Memphis, Tenn.
Bosworth, F. S., & Son, masons' & bldrs.' matls., Elgin, Ill.
Bosworth, F. Hunt, Jr., architect, 597 5th av, New York.
Bosworth, Geo. E., contractor, Amherst, Mass.
Bosworth, M. A., Lumber Co., Vincennes, Ind.
Bostworth, Walter S., machsts. & brass fndrs., Warren, R. I.
Bosworth, Wm. W., architect, 527 5th av, New York.
Botany Worsted Mills, machsts., Passaic, N. J.
Botfield Spec. Mfg. Co., fire brick cement, Swanson & Clymer, Philadelphia, Pa.
Bothe, J. G., Contr. Co., 1603 N. 18th, St. Louis, Mo.
Bothwell & Carson, contractors, 1523 Franklin, Pittsburgh, Pa.
Bothwell, J. H., architect, Tyler, Texas.
Bothwell, J. L., architect, 3012 Holmes, Dallas, Tex.
Botsford, Chas. H., contractor, 1515 Park av, Bridgeport, Conn.
Botsford Lbr. Co., Winona, Minn.
Bott Bros. Mfg. Co., cooperage stock, Alexandria, Mo.
Botte Mfg. Co., concrete mixers, Kearney, Neb.
Bottelli, Romolo, architect, 207 Market, Jersey City, N. J.
Bottiger, Christ, pipe joint paste, 23 Peach, Erie, Pa.
Bottle Capping Mach. Co., 949 B'way, New York.
Bottlers' & Mfrs.' Supply Co., 218 E. 37th, New York.
Bottom Creek Coal & Coke Co., Vivian, W. Va.
Bottomley Machine Co., Alliance, Ohio.
Bottomley, Wm. Lawrence, architect, 597 5th av, New York.
Bottoms, Abel, & Sons Co., contractors, 3611 Walnut, Phila., Pa.
Botts Marking Ink Co., 330 Pearl, New York.
Bottum Valve Co., vacuum valves, 211 W. Schiller, Chicago, Ill.
Botwin & Tunick, contractors, 1252 Lick Run, Cincinnati, Ohio.
Batzum Bros. Co., masons' & bldrs.' matls., Akron, Ohio.
Bouas & Sons, machsts & fndrs, Coulterville, Ill.
Bouchard, John, & Sons Co., mill & facty. supplies, Nashville, Tenn.
Bouchard, Louis C., & Co., architects, 64 W. Randolph, Chicago, Ill.
Boucher, H. E., Mfg. Co., machsts., 150 Lafayette, New York.
Boucher, Jos., brick, 180 Plantation, Worcester, Mass.
Boucher, Milton H., mchsts. & fndrs., Meyersdale, Pa.
Boucherle, L., & Son, archts., Stambaugh Bldg., Youngstown, O.
Boudreaux, L. S., lumber, New Orleans, La.
Boughton Door Co., self-closing fire & electric-operated doors, mfrs., 311 Atlantic av, Boston, Mass.
Bouker Contracting Co., 24 State, New York.
Boulden, Wm. M., & Son, iron fdrs., Chester, Pa.
Boulder Pressed Brick & Lumber Co., Boulder, Colo.
Boulet Fine Tool Wks., see Boulet, Jos. H. (successor).
Boulia-Gorrell Co., sashes, doors, etc., Lakeport, N. H.
Boulin, V. J., wire forming dies, 1 Union sq., New York.
Bound Brook Crushed Stone Co., Bound Brook, N. J.
Bound Brook Engine & Mfg. Co., steam, 1425 Chestnut, Philadelphia, Pa.
Bound Brook Oil-Less Bearing Co., Bound Brook, N. J.
Bounds, G. A., & Co., canned goods, Hebron, Md.
Bounds, J., lbr., Moss Point, Miss.
Bounetheau, Harold D., architect, 104 S. Michigan av, Chicago, Ill.
Bounty, A. E., Co., masons' & bldrs.' matls., Stamford, Conn.
Bour, J. C., cut glassware, 2346 Summerfield, Brooklyn, N. Y.
Bour, L. J. Refractories Co., cement & silica sand, Scranton, Pa.
Bour-Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.
Bourbon Copper & Brass Works, Cincinnati, Ohio.
Boureau, H. U. & Co., bldrs. iron wk., 3302 Ludlow, Phila., Pa.
Bourgois & Beaulieu, lumber, Jeanerette, La.
Bourgeois & Beaullieu, lumber, Jeannette, La.
Bourke-Rice Envelope Co., 511 W. Jackson blvd, Chicago, Ill.
Bourke, Robt. E., architect, 10440 S. Seeley av, Chicago, Ill.
Bourn Rubber Co., insulated wire, shoes, etc., 58 Warren, Providence, R. I.
Bourne, Frank A., architect, 70 Kilby, Boston, Mass.
Bourne-Fuller Co., concrete reinforcing bars & struct. steel dlrs., Hanna Bldg., Cleveland, O.
Bourne, Jno. R., machsts., Rochester, N. Y.
Bourne & Knowles Mfg. Co., nut mfrs., Cleveland, Ohio.
Bourne Magnetic Truck Co., Sedgley av & 79th, Phila., Pa.
Bourne, W. & Son, pianos, Boston, Mass.
Bourne, Wm., & Son Piano Co., Needham, Mass.
Bourneuf, Louis, Corp., steam fitters' & plumbers' supplies, Lynn, Mass.
Bournique Glass Co., Kokomo, Ind.
Bourque & Sears, shoe patterns, Haverhill, Mass.
Bourque Construction Co., Lawrence, Mass.
Bourquin Bros., brick, Archbold, Ohio.
Bourret-Kirkwood Co., laundry machy., 1128 Mission, San Francisco, Cal.
Bousfield Wooden Ware Co., lard tubs, Minneapolis, Minn.
Bousman Mfg. Co., gasoline strainers, Grand Rapids, Mich.
Boust, A. C., drilling mchs., Northumberland, Pa.
Boustead Elec. & Mfg. Co., dynamo & motor mfrs. & machy. dlrs., 18 E. Hennepin av, Minneapolis, Minn.
Boutan, Victor, contractor, 1519 Terry, Seattle, Wash.
Boutell Mfg. Co., evaporating machy., 558 Lyell, Rochester, N. Y.
Bouton, C. H., meat packers, Marathon, N. Y.
Boutwell Bros., wholesale hdwe., Lowell, Mass.
Boutwell Milling & Grain Co., corn feed & rye flour, Troy, N. Y.
Bouvier, J. C. N., contractor, Woonsocket, R. I.
Bovaird & Co., mchsts. & fdrs., Bradford, Pa.
Bovaird & Seyfang Mfg. Co., mchsts. & fdrs., Bradford, Pa.
Bovaird Supply Co., mill & facty. supplies, Sapulpa, Okla., & Independence, Kans.
Bovee Furnace Wks., Waterloo, Ia.
Bovers, John A., architect, 2818 Dalton av, St. Louis, Mo.
Bovey-Shute Lumber Co., 1210 McKnight Bldg., Minneapolis, Minn.
Bovyer & Sons, contractors, 2407 California, San Francisco, Cal.
Bowd, E. A., architect, Lansing, Mich.
Bowden Bros., cotton batting, Cedar Grove, N. J.
Bowden, Fred'k., masons' & bldrs.' matls., 213 Orange, Newark, N. J.
Bowden, Geo. M., contractor, Minerva, Ohio.
Bowden Lime Wks., see Wilway Lime Co. (successors).
Bowden, Miles C., contractor, Galveston, Texas.
Bowden, Thos., granite prod., New Haven, Conn.
Bowden, Thos J., & Son, lumber, Marblehead, Mass.
Bowditch, Arthur H., architect, 44 Bromfield, Boston, Mass.
Bowditch, Ernest W., landscape archt., 29 Central, Boston, Mass.
Bowditch, Jas. H., landscape archt., Tremont Bldg., Boston, Mass.
Bowditch, Walter, masons' & bldrs.' matls, Haines & Baynton, Gtn., Philadelphia, Pa.
Bowdle Bros., mchsts. & fndrs., Piqua, Ohio.
Bowdle, C. F., architect, Piqua, Ohio.
Bowdlear, W. H., Co., wax, 69 Broad, Boston, Mass.
Bowdoin & Webster, architects, 299 Madison av, New York.
Bowdon Oil & Fertilizer Co., Bowdon, Ga.
Bowdry, H. N., contractor, Empire Bldg., Birmingham, Ala.
Bowdry & McKinley Iron Wks., fndrs., Fort Worth, Tex.
Bowe, Burke Co., contractors, Duluth, Minn.
Bowe Carriage Co., Wilmington, Del.
Bowe Constr. Co., concrete roofing tile, Kokomo, Ind.
Bowen, C. E., contractor, Canton, Ohio.
Bowen Corp., carburetors, oil cup, lubr., oil hole covers & cups, Detroit, Mich.
Bowen & Davis, architects, G-McK. Bldg., Fresno, Cal.
Bowen, G. F., Machine Co., Inc., machinist, 24 Scott, Newark, N. J.
Bowen, Howard, architect, 30 N. La Salle, Chicago, Ill.
Bowen, J. B., architect, 32 N. Howard rd, Atlanta, Ga.
Bowen-Jewell Co., cotton bagging, Jewell, Ga.
Bowen, John Co., contractors, 184 Dudley, Boston, Mass.
Bowen Products Corp., grease cups, oil cups & stampings. Divisions: Auburn, N. Y.; Detroit, Mich.; Cleveland, O.; Minneapolis, Minn., and Windsor, Ont., Can.
Bowen, Richard T., contractor, Atlantic City, N. J.
Bowen, S. R., Co., contrs., Mason City, Ia.
Bowen, S. R., Co., machinists, Coalinga, Cal.
Bower, C. P., contractor, Tulip & Somerset, Philadelphia, Pa.
Bower, F. C., canned goods, Troutville, Va.
Bower, Henry, Chemical Mfg. Co., chemicals, Gray's Ferry rd & 29th, Philadelphia, Pa.
Bower, John, Co., meat packers, 24th & Brown, Philadelphia, Pa.
Bower Knitting Co., sweaters, etc., Hawley, Pa.
Bower, Lee & Son, canned goods, Troutville, Va.
Bower Mfg. Co., truck trailers, Fowler, Ind.
Bower Roller Bearing Co., 3040H Hart av, Detroit, Mich.
Bower, W. Frank, architect, 44 Harrison, East Orange, N. J.
Bowers Bros., contractors, Fargo, N. D.
Bowers Bros. & Co., heating contrs., 1629 Ludlow, Phila., Pa.
Bowers, Chas., contractor, Arcanum, Ohio.
Bowers, L. M., & Co., mchsts. & fndrs., Binghamton, N. Y.
Bowers Mach. Co., laboratory lathes & dental water motors, Lancaster, Pa.
Bower's Machine Works, Canon, Ga.
Bowers, M. B., machsts. & fndrs., Hackettstown, N. Y.
Bowers & Mower, naval architects, Chestnut & 5th, Phila., Pa.
Bowers Pottery Co., Mannington, W. Va.
Bowers, R. C., Granite Co., Montpelier, Vt.
Bowers, Robt. W., architect, York, Pa.
Bowers Rubber Works, see Pioneer Rubber Mills (successors).
Bowers, S. P., Co., lbr., Otis bldg, Philadelphia, Pa.
Bowers Southern Dredging Co., Galveston, Tex.
Bowers, U. R., & Sons, see Fuller, W. P., & Co. (successors).
Bowers, W. A., Heating Co., 484 Market, Milwaukee, Wis.
Bowers, Warren, machsts., Chicora, Pa.
Bowes, Frederick Wm., architect, 552 N. Vine, Crystal Lake, Ill.
Bowes, H. W., masons' & bldrs.' matls., Bath, N. Y.
Bowes, Thos. B., naval architect, 822 Lafayette bldg., Phila., Pa.
Bowie County Cotton Oil Co., meal, fertz. mfrs., New Boston, Tex.
Bowie Lumber Co., Bowie, La.
Bowie Stove Co., Rome, Ga.
Bowie Switch Co., 14 Montgomery, San Francisco, Cal.
Bowker Bros., trunk mfrs., 11 Columbia, Boston, Mass.
Bowker Chemical Co., oxide of iron, etc., 2 Rector, New York.
Bowker, F. S., ship bldr., Phippsburg, Me.
Bowker Fertilizer Co., 43 Chatham, Boston, Mass., & 60 Trinity pl, New York.
Bowker, Torrey Co., marble interior wk., 80 Granite, Boston, Mass.
Bowler Foundry Co., 1688 Columbus rd, Cleveland, Ohio.
Bowler & Jones, harness mfrs., Freeport, Ill.
Bowler Lbr. Co., Bowler, Wis.

Bowler, M. J., carriages, Holyoke, Mass.
Bowler, Robt. B., architect, 101 Park av, New York.
Bowler, T. J., 1315 S. Wabash, Chicago, Ill.
Bowles & Bals, mattresses, Corry, Pa.
Bowles Bros. Co., flour, Los Angeles, Cal.
Bowles Co., mill & facty. & plumbers' supplies—jobbers, Seattle, Wash.
Bowles, Harry, architect, Marsh Stg. Bldg., Los Angeles, Cal.
Bowling Green Mach. Co., Bowling Green, Ky.
Bowling Green Milling Co., flour, Bowling Green, Ky.
Bowling Green Motor Truck Co., Bowling Green, Ohio.
Bowlus Mfg. Co., low down combination water closets, Springfield, Ohio.
Bowman, A. W., & Co., wireless instruments, Boston, Mass.
Bowman, Ben., contractor, Newport, Ky.
Bowman-Blackman Mach. Tool Co., see Blackman Mach. Tool Co. (successors).
Bowman Bros. Co., masons' & bldrs.' matls., McKeesport, Pa.
Bowman, C. C., contractor, Bloomington, Ill.
Bowman Carriage Co., auto bodies, wheels, etc., Sacramento, Cal.
Bowman, C. P., Hardware Co., Staunton, Va.
Bowman, D. F., Co., waste cotton & wool, New Albany, Ind.
Bowman, E. R., htg. contrs., 3211 Lorain, Cleveland, Ohio.
Bowman, Geo. A., mill & facty. supplies, Utica, N. Y.
Bowman, Geo. H., Co., aluminum ware, etc., 224 Euclid av, Cleveland, Ohio.
Bowman-Hicks Lbr. Co., Kansas City, Mo., and Oakdale, La.
Bowman Lumber Co., Williamsport, Pa., & St. Albans, W. Va.
Bowman, M. K.-Edson Co., contractors, tools & supplies, 64 Dey, New York.
Bowman, Paul G., machsts., Bellefontaine, Ohio.
Bowman, S. H., Lbr. Co., 1121 Lbr. Ex., Minneapolis, Minn.
Bowman, Sidney B., Auto Co., 225 W. 49th, New York.
Bowman Supply & Mfg. Co., plumbers' & mill & facty. supplies, 890 Progress, Pittsburgh, Pa.
Bowman Technical School, engng., Lancaster, Pa.
Bowman, W. N., architect, Central Savings Bk., Denver, Colo.
Bowman, Walker, chemical engineer, 39 Cortlandt, New York.
Bowman, Wm., scrap iron, 1325 Eastern av, Baltimore, Md.
Bowman's, Ezra F., Sons, mchsts. & fdrs., Lancaster, Pa.
Bowman's Hdwe. & Implt. Co., whol., Sacramento, Cal.
Bown, Geo. G., & Sons, carriages, Fairport, N.
Bowser Furn. Co., Dept. H, Little Rock, Ark.
Bowser, R. M., & Son, display racks, Renfrew, Pa.
Bowser, S. F., & Co., oil tanks & pumps, Fort Wayne, Ind.
Bowser Sanitary Mfg. Co., water closets, Lafayette, Ind.
Bowsher, N. P., Co., machinery specialties, South Bend, Ind.
Bowstead, Henry G., architect, Marion, Ind.
Bowyer, O. M., mchsts. & fdrs., Fincastle, Va.
Box, Albert K., music cabinets, Pulaski, N. Y.
Box, Alfred & Co., cranes, hoists, etc., 813 N. Front, Phila., Pa.
Boxall, Geo. W., contractor, Montclair, N. J.
Boxill & Burel, carbon brushes, 1022 E. Michigan, Indianapolis, Ind.
Boxton, Geo. W., & Son, contractors, Hearst Bldg., San Francisco, Cal.
Boyce, Alex. R., machsts., ft. Front, Long Island City, N. Y.
Boyce Cotton Oil & Mfg. Co., Ltd., Boyce, La.
Boyce Hardware Co., Port Huron, Mich. & Wellsville, N. Y.
Boyce Lumber & Realty Co., Boyce, La.
Boyce, Myron J., models, gas regulators, 1 Bethune, New York.
Boyce, W. E., Bldg. & Mfg. Co., 1153 Wells, Chicago, Ill.
Boyd & Berry, contractors, 11 Crampion Way, Boston, Mass.
Boyd, C., Paper Co., Appleton, Wis.
Boyd, Chas. C., & Co., lumber mfrs., Glenn Bldg., Cincinnati, O.
Boyd, Chas. H., architect, Park bldg, Pittsburgh, Pa.
Boyd Construction Co., Ger. Life Bldg., St. Paul, Minn.
Boyd & Cook, contractors, Reibold Bldg., Dayton, O.
Boyd, D. Knickerbocker, architect, 139 S. 15th, Philadelphia, Pa.
Boyd, F. O., & Co., alcohol, 433 Washington, New York.
Boyd, F. Shirley, auto. springs, 903 Boylston, Boston, Mass.
Boyd, Fred., Co., masons' & bldrs.' matls., Seattle, Wash.
Boyd, Frederick S., architect, 579 Massachusetts av, Cambridge, Mass.
Boyd, Harry C., contractor, Coraopolis, Pa.
Boyd, J. S., Co., velvets, Williamstown, Mass.
Boyd, Jas., candles, 408 W. 26th, New York.
Boyd, Jas. & Bro., hose & fire couplings, 25th & Wharton, Philadelphia, Pa.
Boyd, Jno., Plumbing & H'tg Co., 284 Columbus av, New York.
Boyd, James, & Bro., fire dept. supplies, 25th & Wharton, Philadelphia, Pa.
Boyd, Lawrence V., architect, Harrison Bldg., Philadelphia, Pa.
Boyd Lbr. Co., Boydville, Ga.
Boyd, Lunham & Co., meat packers, 208 S. La Salle, Chicago, Ill.
Boyd, Paul L., architect, 5110 Warrington av, Phila., Pa.
Boyd & Stewart, architects, Ferguson Bldg., Pittsburgh, Pa.
Boydell Bros., White Lead & Color Co., 432H E. Lafayette, Detroit, Mich.
Boye & Emmes Machine Tool Co., Cincinnati, O.
Boyer, A., Broom Co., Galesburg, Ill.
Boyer, Campbell Co., mill & facty. supplies, H Boyer Bldg., Detroit, Mich.
Boyer Chemical Laboratory Co., 940H N. Clark, Chicago, Ill.
Boyer, E. W., architect, Ferguson Bldg., Pittsburgh, Pa.
Boyer, Geo. H., architect, Lebanon, Pa.
Boyer, Harry, Inc., contrs., Billings, Mont.
Boyer, J. Frank Co., htg. contrs., Norristown, Pa.
Boyer, Lynn H., architect, Wildwood, N. Y.
Boyer, Mahlon H., lumber, Pine Grove, Pa.
Boyer Oil Co., Inc., oils, 25 W. B'way, New York.
Boyer & Rogers, architects, Pocatello, Idaho.
Boyer, W. C., & Son, architects, Higginsville, Mo.
Boyer, W. W., & Co., canned goods, 2327 Boston, Baltimore, Md.
Boyers & Baldwin, machsts. & fndrs., Los Angeles, Cal.
Boyes & Blandford Co., contrs., Grand Rapids, Mich.
Boyertown Burial Casket Co., Boyertown, Pa.
Boyes, Hulshizer & Co., flour, Seward, Neb.
Boyeson, H. C., & Co., advtg. novelties, 350 Minnesota st., St. Paul, Minn.
Boylan, Wm. H., architect, 390 George, New Brunswick, N. J.
Boyland, Jno. P., architect, 4780 3rd av, New York.
Boyle, A. S. Co., paint & varnish remover, 1934 Dana av, Cincinnati, Ohio.
Boyle Bros., machsts. & fndrs., Woodward, Okla.
Boyle, C. A. & Co., enamel cleaner, 643 Washington blvd, Chicago, Ill.
Boyle Can Co., Wolfe & Thames, Baltimore, Md.
Boyle, Clarence, Inc., lbr., 11 S. La Salle, Chicago, Ill.
Boyle-Dayton Co., gasoline measuring pumps, 52nd & Santa Fe, Los Angeles, Cal.
Boyle, Frank, & Sons, contractors, 154 E. 40th, New York.
Boyle, Harry C., & Co., architects, Evansville, Ind.
Boyle, Harry E. & Co., architects, Furniture bldg., Evansville, Ind.
Boyle, J., & Co., canned goods, Wolfe & Thames, Baltimore, Md.
Boyle, Jas., cattle stanchions, Salem, Ohio.
Boyle, Jas. A., architect, 367 Fulton, Brooklyn, N. Y., & Bennett Bldg., Wilkes-Barre, Pa.
Boyle, Jas. W., contractor, Freeland, Pa.
Boyle, John & Co., canvas stitched belting mfrs., 112 Duane, New York.
Boyle, John, & Co., mchsts. & fdrs., Peabody, Mass.
Boyle, Jno., Co., mural decorators, New Britain, Conn.
Boyle, John, & Co., canvas roofing & tents, etc., 112 Duane, New York.
Boyle, John F., Co., paper & pulp mills, 500 Montgomery, Jersey City, N. J.
Boyle Mfg. Co., auto accessories, shipping drums, garbage cans, buckets & tubs, galvanized ware, etc., 5100 Santa Fe, Los Angeles, Cal.
Boyle, P. J., mach. & fdr., Mangum, Okla.
Boyle-Robertson Constr. Co., Evans bldg, Washington, D. C.
Boyle, Thos., cornices, La Salle, Ill.
Boyle, Thos., stone, 174 Riverside av, Newark, N. J.
Boylston Mfg. Co., shoe machy., 251 A, Boston, Mass.
Boylston Steam Specialty Co., pressure regulators, 116 W. Illinois, Chicago, Ill.
Boyne City Chemical Co., wood alcohol, Boyne City, Mich.
Boyne City Lumber Co., Boyne City, Mich.
Boynton, Chas. E., architect, Limerick, Me.
Boynton & Church, contractors, Merchants National Bk. Bldg., St. Paul, Minn.
Boynton & Co., mouldings, wood turnings, etc., 1725 Dickson, Chicago, Ill.
Boynton Furnace Co., mchsts. & fndrs., 106 W. 37th, New York.
Boynton, John H., parquet floors, 3 W. 14th, New York.
Boynton Land & Lbr. Co., 915 Olive, St. Louis, Mo.
Boytnon Lbr. Co., White City, Texas.
Boynton, Louis H., architect, Ann Arbor, Mich.
Boynton, W. J., turpentine, Havana, Fla.
Boyt, Walter Co., harness, Des Moines, Ia.
Boyts, Porter, & Co., machsts. & fdrs., Connellsville, Pa.
Bozarth Lbr. Co., Egg Harbor City, N. J.
Bozman, C. W., & Son, canned goods, Eden, Md.
Braas Bros. Co., contractors, Niagara Falls, N. Y.
Braasch, Walter, contrs., Manitowoc, Wis.
Braband, Frank J. E., architect, 901 Wrightwood av, Chicago, Ill.
Brabant, Gifford, architect, 2717 N. Kedzie av, Chicago, Ill.
Brabson Bros., mchsts. & fndrs., hdwe. mfrs., 47 Hamilton, Newark, N. J.
Brace, A. E., Constr. Co., Gloversville, N. Y.
Brace & Hergert Mill Co., lumber mfrs., Seattle, Wash.
Brace Leather Goods Co., auto. strans, Pontiac, Mich.
Brach L. S. Supply Co., railway signals, etc., 129 Sussex av, Newark, N. J.
Bracher Co., stones, razor hones, whetstones, Belleville, N. J.
Brackbill, T. L., carriages, Strasburg, Pa.
Bracken Lumber Co., Vicksburg, Miss.
Brackett Bridge Co., steel struct. wk., First Nat. Bank Bldg., Cincinnati, Ohio.
Brackett Construction Co., 1st Nat. Bk. Bldg., Cincinnati, Ohio.
Brackett, H. F., & Co., scrap iron & steel, 77 Newman, Boston, Mass.
Brackett, J. L. & Co., trunk mfrs., Portland, Me.
Brackett, Josiah, & Son, Sumac, 134 Summer, Boston, Mass.
Brackett, Shaw & Lunt Co., machsts. & fdrs., Somersworth, N. H.
Bradbury Bros., htg. contrs., Denver, Colorado.
Bradbury, Edwin H., contr., Sheidley Bldg., Kansas City, Mo.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Braddock Lumber Co., Braddock, Pa.
Braddock Manufacturing Co., machsts. & fdrs., Braddock, Pa.
Braden, A. R., lumber, Clarington, Pa.
Braden Mfg. Co., conductor pipe mfrs., cornices, Terre Haute, Ind.
Braden Printing Ink Co., 104 St. Clair, Cleveland, O.
Bradentown Hardware Co., Bradentown, Fla.
Bradford Belting Co., see Graton & Knight Mfg. Co. (successors).
Bradford Co., advtg. signs, St. Joseph, Mich.
Bradford Co., importer of aluminum products, 200 5th av, New York.
Bradford & Deruchie, cornices, 439 E. Water, Syracuse, N. Y.
Bradford Draft Gear Co., Atlanta, Ga.
Bradford & Elliott, flour mills, Sunrise, Ky.
Bradford Fireproofing Co., Bradford, Pa.
Bradford, G. M., pckg. box mfrs., Williamsburg, Mass.
Bradford Hdw. Lbr. Co., Bradford, Pa.
Bradford-Hicks Lumber Co., Shreveport, La.
Bradford, J. W., architect, Fort Dodge, Ia.
Bradford, James Co., paints, Wilmington, Del.
Bradford-Kennedy Co., lumber, Omaha, Neb.
Bradford, Kyle & Co., wire, Plymouth, Mass.
Bradford, Louis, Lumber Co., South Omaha, Neb.
Bradford Machine Tool Co., 657 Evans, Cincinnati, Ohio.
Bradford Machy. Co., new & used machy. dlrs., Bridgeport, Conn.
Bradford Milling Co., flour, Bradford, Tenn.
Bradford Motor Wks., mchsts. & fdrs., Bradford, Pa.
Bradford Oil Co., Lynn, Mass.
Bradford Pressed Brick Co., Bradford, Pa.
Bradford, R. E., auto gloves, Gloversville, N. Y.
Bradford Supply Co., oil well supplies, Bradford, Pa.
Bradford, Thos., machsts., Danielson, Conn.
Bradford, Wm. A., Co., soil, pipe, hooks, Chestnut Quincy, Mass.
Bradford, Geo. W. W., canned goods, Bel Air, Md.
Bradford Wool Comb Co., 1908 E. Westmoreland, Phila., Pa.
Bradford & Co., advtg. nov. & spec., St. Joseph, Mich.
Bradl, Frank, cornices & skylights, Ludington, Mich.
Bradlee & Chatman Co., machsts. & fndrs., 54 Canal, Boston, Mass.
Bradlee & Co., chain mfrs., 726 Richmond, Philadelphia, Pa.
Bradley, A. J., Mfg. Co., oil, stencil inks, stencil cutting machines, paper, etc., 101 Beekman, New York.
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Bradley Brick Co., Mooresville, Ind.

Bradley & Co., contrs., Portsmouth, O.
Bradley, C. C., architect, 4412 Olive, St. Louis, Mo.
Bradley, C. C. & Son, Inc., power hammers, etc., Syracuse, N. Y.
Bradley, C. E., Motor Co., spark plugs, 265 Diamond, Phila., Pa.
Bradley, Chas. S., canned goods, Preston, Md.
Bradley, Chas. S., metallurgical engr., 39 W. 38th, New York.
Bradley Co., cornices, New Haven, Conn.
Bradley Co., lumber, Tomahawk, Wis.
Bradley Contracting Co., 1 Madison av, New York.
Bradley, David, Machine Works, malleable & steel castings, Bradley, Ill.
Bradley & Farnham, can openers, locks, catches, etc., Middlefield, Conn.
Bradley Ford Co., ambulances, hearses, Cicero, Ill.
Bradley, G. W., Axe & Tool Mfg. Co., 119 Leonard, New York.
Bradley Gin Saw Filer Co., Dallas, Tex.
Bradley, H. C., machsts., Bridgeport, Conn.
Bradley, Harold S., architect, 5210 Cornell av, Chicago, Ill.
Bradley Heating Co., 3834 Olive, St. Louis, Mo.
Bradley & Hubbard Mfg. Co., mchsts. & fdrs., electric & gas light fixtures, Meriden, Conn.
Bradley Iron Wks., rust-proofing, 37 Ferris, Brooklyn, N. Y.
Bradley, John, tubular boilers, 317 Ferry, Newark, N. J.
Bradley, John C., contractor, Corning, N. Y.
Bradley, J. H., architect, Park Bldg., Pittsburgh, Pa.
Bradley, J. R., Co., mill & facty. supplies, Reno, Nev.
Bradley Knitting Co., sweaters, cardigans, Delavan, Wis.
Bradley & Lamphear, architects, Liberty Bldg., Buffalo, N. Y.
Bradley Lumber Co., Warren, Ark.
Bradley Mfg. Works, machts., brass & composition fdrs., Bradley, Ill.
Bradley, Miller & Co., lbr. mfrs., Bay City, Mich.
Bradley, Milton, Co., toys, games & nov., Springfield, Mass.
Bradley Motor Car Co., Cicero, Ill.
Bradley, N. B. & Sons, salt mfrs., Bay City, Mich.
Bradley, Osgood, Car Co., car axles, bldrs, wheels, etc., Worcester, Mass.
Bradley, P. & Sons, agricultural implements, Harrisonburg, Va.
Bradley, Perry, machinist, Oberlin, Kans.
Bradley, Peter, contr., 180 Jessie, San Francisco, Cal.
Bradley Polytechnic Institute, engng. schools & coll., Peoria, Ill.
Bradley Pulverizer Co., machy., Allentown, Pa.
Bradley, S. M., lumber, Morehead, Ky.
Bradley & Smith, mill brushes, etc., 251 Pearl, New York.
Bradley Stencil Mach. Co., 3745 Forest Pk. blvd., St. Louis, Mo.
Bradley, Thos. H., mill & facty. supplies, Watertown, N. Y.
Bradley & Vrooman Co., paints, enamels, etc., 2632 S. Dearborn, Chicago, Ill.
Bradley, W. B., Constr. Co., Richmond, Va.
Bradley, W. C., Co., fertilizer, Columbus, Ga.
Bradley, Walter T. Co., lime mfrs., 9th & Thompson, Phila., Pa.
Bradley, Wm. & Son, stone producers, 547 Vernon av, Long Island City, N. Y.
Bradney Mach. Co., Inc., brick conveyors, cranes, Middletown, N. Y.
Bradshaw, Alfred, contr., Oakville, Conn.
Bradshaw, C. B., architect, Orange, Cal.
Bradshaw & Co., brick, tile, Fort Dodge, Ia.
Bradshaw, Preston J., architect, Inter'l Life Bldg., St. Louis, Mo.
Bradsto Appliances, Inc., auto locks, paint spraying & sand blast machy, 65 Main, Buffalo, N. Y.
Bradstreet, Wm. H., plate glass, 165 S. Pearl, Albany, N. Y.
Bradt, Henry J., contractor, Jackson, Mich.
Bradt Paint Specialty Co., Troy, N. Y.
Bradway, C. P., Machine Wks., West Stafford, Conn.
Bradway Novelty Co., soap bubblers, 1 W. B'way, New York.
Brady, A. J., contractor, Marion, O.
Brady, Albert I., architect, 15 Broad, New York.
Brady Brass Co., mchsts. & fndrs., 170 14th, Jersey City, N. J.
Brady Bros., contractors, Bayonne, N. J.
Brady Bros., lbr. mfrs., Tonawanda, N. Y.
Brady & Co., heating contrs., 125 Curtis, Chicago, Ill.
Brady Elec. Mfg. Co., New Britain, Conn.
Brady, F. A., Inc., hdwre. who., 30 Church, New York.
Brady & Fitzpatrick, contractors, Troy, N. Y.
Brady, H. B., architect, 100 Sip av, Jersey City, N. J.
Brady, Jas., masons' & bldrs., matls., Lansdale, Pa.
Brady, Jas. A., Fdry Co., 45th & Western Blvd., Chicago, Ill.
Brady, Jas B., Co., crushed stone, 525 E. 118th, New York.
Brady, John T., & Co., contractors, 193 Park av, New York.
Brady, Jos. L., architect, Keokuk, Ia.
Brady, R. H., contractor, Wilmington, N. C.
Brady, S. D., architect, Franklin, Pa.
Brady, W. B., Const. Co., 111 W. Washington, Chicago, Ill.
Brady, Wm. M., architect, 15 Alexander av, Yonkers, N. Y.
Brady's, Jas., Sons Co., contractors, Bayonne, N. J.
Braeburn Steel Co., Braeburn, Pa.
Braecklein, J. G., archt., Victor Bldg., Kansas City, Mo.
Braemer Air Conditioning Corp., apparatus, Lafayette Bldg., Philadelphia, Pa.
Braender Bldg. & Constr. Co., 315 4th av, New York.
Braender, Philip, see Braender Bldg. & Constr. Co. (successors).
Braender Rubber & Tire Co., Rutherford, N. J.
Bragaw Fertilizer Co., Washington, N. C.
Bragdon, Claude F., architect, Cutler Bldg., Rochester, N. Y.
Bragdon, L. C., granite prod., Franklin & North Sullivan, Me.
BRAGDON, LORD & NAGLE, publishers, 334 4th av, New York.
Bragdon, Louis G., contractor, West Medford, Mass.
Brager, B., garment hangers, display racks, 84 5th av, New York.
Bragg, Jno. I., machsts., 24 Atwood, Providence, R. I.
Bragg, N. H., & Sons, wholesale hdwe., Bangor, Me.
Bragger, J. J., fndrs., Watertown, N. Y.
Braggins, John H., & Sons, cornices, Erie, Pa.
Bragonier, A. C., & Son, lubrg. oils, 343 N. Calvert, Balto., Md.
Bragstad Concrete Machy. Co., Canton, S. D.
Braid Electric Co., mchsts. & fdrs., Nashville, Tenn.
Brainard Bros., meat packers, 15 Exch. pl, Jersey City, N. J.
Brainard, Clarence H., architect, 456 Delaware av, Albany, N. Y.
Brainard Pulverizer Co., Old Colony Bldg., Chicago, Ill.
Brainard & Wilson Co., sliding furn. shoes, Danbury, Conn.
Brainerd & Armstrong Co., silk thread, New London, Conn.
Brainerd, J. W., Steel Co., rivet, etc., Warren, Ohio.
Brainerd, Leeds & Kellogg, architects, 89 Franklin, Boston, Mass.
Brainerd Mfg. Co., door bolts, holders, etc., E. Rochester, N. Y.
Brainerd, Shaler & Hall Quarry Co., stone producers, Portland, Conn.
Brainerd, Wm. L., architect, Paducah, Ky.
Braintree Rubber Cement Co., S. Braintree, Mass.
Braithwaite, C. W., Co., label & paint mfrs., 313 So. Canal, Chicago, Ill.
Braithwaite Bros., canned goods, Cross Junction, Va.
Braithwaite, Jesse, architect, Spanish Fork, Utah.
Brakeley, A., canned goods, Bordentown, N. J.
Brakeley, J., canned goods, Freehold, N. J.
Brakeman, Harvey, architect, Franklin, Pa.
Braman, Dow & Co., mill & facty. supplies, 239 Causeway, Boston, Mass.
Braman Mfg. Co., wood nov., Carthage, N. Y.
Brambach Piano Co., 643 W. 49th, New York.
Bramble, James A., canned goods, Joppa, Md.
Bramble, T. M., & Co., canned goods, Cambridge, Md.
Bramblet & Huseman, architects, Oklahoma Bldg., Oklahoma City, Okla.
Bramcote Fdry. & Mach. Co., Pottstown, Pa.
Bramer, E. L., contractor, Lyons, N. Y.
Bramhall, Arthur E., architect, 209 National Bank Bldg., Decatur, Ill.
Bramhall-Deane Co., cooking app., 261 W. 36th, New York.
Bramlage, Louis, l'br., Hamburg, Ind.
Brammer, H. F., Mfg. Co., machsts. & fndrs., Davenport, Ia.
Branagan, Jas. M., electric & gas light fixtures, 537 W. Erie, Philadelphia, Pa.
Branch Saw Co., 2323 N. 9th, St. Louis, Mo.
Branchland Supply Co., mill & facty. supplies, Huntington, W. Va.
Brand, August, carriages, Springfield, Ill.
Brand, Chas. F., burners, furnaces, garbage, etc., 16th & Jacob, Wheeling, W. Va.
Brand-Dunwoody Milling Co., flour, Joplin, Mo.
Brand, Gustave A., & Co., leaded glass, 1428 Michigan av, Chicago, Ill.
Brand & Hardin Milling Co., flour, Saginaw, Mich.
Brand, Herbert A., architect, 111 W. Washington, Chicago, Ill.
Brand, Herman, bone dealer, 404 E. 48th, New York.
Brand & Herrman, electro plating, 247 Centre, New York.
Brand, John T., stone producers, Lithonia, Ga.
Brand & Newmeyer Granite Co., Lithonia, Ga.
Brand, S. H., Co., mill & facty. supplies, 559 W. Lake, Chicago, Ill.
Brand Stove Co., 319 6th, Milwaukee, Wis.
Brand, William F., flour mills, Staunton, Va.
Brandano, Daniel, contractor, Malden, Boston, Mass.
Brandau Shoe Co., 1357H Sherman, Detroit, Mich.
Brandell Co., concrete stone machines, Union Central Tower, Cincinnati, O.
Brandeis Machinery & Supply Co., contractors' tools & supplies, 331 W. Main, Louisville, Ky.
Brandes, C., wireless tel. instruments, 32 Union sq., New York.
Brandes, Carl, machinist, 1327 Otto, Chicago, Ill.
Brandenberg Cobbling Supply Co., 1335 N. Clark, Chicago, Ill.
Brandin, Wm., architect, 55 Vanderveer av, Brooklyn, N. Y.
Brandis & Sons' Mfg. Co., engng. & surveying instruments, 754 Lexington av, Brooklyn, N. Y.
Brandis, Wm., cornices, 3109 Reading rd, Cincinnati, Ohio.
Brandner, Louis T., architect, 1432 Berteau av, Chicago, Ill.
Brandon, Alfred E., architect, 30 W. 134th, New York.
Brandon, D. F., contractor, Chattanooga, Tenn.
Brandon, D. S., brick, Huntsville, Ala.
Brandon, Isaac, & Bro., crude rubber, 17 Battery pl, New York.
Brandon Lime & Marble Co., Leicester Junction, Vt.
Brandon Lumber Co., Auburn, Ind., & St. Marys, Ga.
Brandon Mills, cotton sheetings, Greenville, S. C.
Brandsville Canning & Preserving Co., Brandsville, Mo.
Brandt, F. W., machsts. & fndrs., Carmi, Ill.
Brandt, A., Upholstering Co., bed springs, Fort Worth, Tex.
Brandt, Berkley, architect, 30 N. Michigan av, Chicago, Ill.
Brandt Bros., cornices & skylights, Spokane, Wash.
Brandt, C. H. W., chicory mfrs., Stockton, Cal.
Brandt, Christian W., architect, Kresge Bldg., Detroit, Mich.
Brandt Clay Products Co., drain tile, Binghamton, N. Y.
Brandt-Dent Co., machsts. & fndrs., Watertown, Wis.
Brandt, Harry, Constr. Co., Seattle, Wash.
Brandt, J. M., machst. & fndr., Bellevue, Ia.
Brandt, John, architect, 271 W. 125th, New York.
Brandt, Louis, architect, 1900 Euclid av, Cleveland, Ohio.
Brandt, L., architect, Park bldg, Pittsburgh, Pa.
Brandt Mfg. Co., adding mach., Watertown, Wis.
Brandt Mfg. Co., spray pumps, 310 3rd av, N., Minneapolis, Minn.
Brandt, Randolph, gum gaskets; packing mfrs.; pump valves, 70 Cortlandt, New York.
Brandt, W. H., & Co., masons' & bldrs.' matls., 3015 Walnut, Milwaukee, Wis.
Brandwein, A., mattresses, 2341 S. State, Chicago, Ill.
BRANDYWINE FIBRE PRODUCTS CO., 14th & Walnut, E. Wilmington, Del. *See adv. index at end of book.*
Branitzky, N. Thos., architect, 54 W. Randolph, Chicago, Ill.
Brann & Stuart Co., contractors, Commer. Trust Bldg., Philadelphia, Pa.
Branner, John K., architect, 251 Kearny, San Francisco, Cal.
Branning Mfg. Co., lbr., Edenton, N. C.
Brannum-Keene Lbr. Co., sash, door & blind mfrs., Indianapolis, Ind.
Brannum Lumber Co., Alexandria, Ind.
Branson Brick Co., Marlin, Tex.
Bransford, C. H., & Son, brick, Fulton, Ky.
Branson & Griswold Hdwe. Co., Trinidad, Colo.
Bransford Mills, flour, Owensboro, Ky.
Bransford, T. L., & Sons, brick, common, Union City, Tenn.
Brant, A. A., Lumber Co., Toms River, N. J.
Brant & Apple Co., ties, poles & posts, Lucasville, Ohio.
Branthoover & Johnston Co., mill & facty. supp., Cambridge, O.
Brantley & Doby, granite producers, Lithonia, Ga.
Brantley, W. L., lumber, Sylvania, Ga.
Branyon, M. L., & Bro., masons' & bldrs.' matls., Mansfield, Ohio.
Brasco Mfg. Co., brass door guards, thresholds, bank railings, copper store fronts, 1451 S. Michigan av, Chicago, Ill.
Brashears, W. I., lbr., Josephine, Miss.
Brasher, H. D., Lbr. Co., Columbus, Ohio.
Brass & Bronze Orna. Art Mfg. Co., see Brass & Bronze Lighting Fixtures Co. (successors).
Brass City Lbr. Co., sash, dor & blind mfrs., Waterbury, Conn.
Brass Fixtures Co., desk telephones, brackets, Southington, Conn.

Brass Fndrs. Supply Co., Wilson av, Newark, N. Y.
Brass Fdry. Co., Peoria, Ill.
Brass Goods Mfr. Co., 345 Eldert, Brooklyn, N. Y.
Brass Goods Mfg. Co., 107 Lafayette, New York.
Brass Industrial Wks., castings, Petersburg, Ill.
Brass Products Co., brass fndrs., 1067 Palmer, Detroit, Mich.
Brass Spec. Co., desk sets, 1645 N. 10th, Philadelphia, Pa.
Brass World Publishing Co., trade publication, 55 Duane, New York.
Brassart Fixture Co., elec. & gas light fixtures, 20 Warren, New York.
Brassington, Jno., Inc., advtg. spec., Milwaukee, Wis.
Braswell, S. G., flour mills, Boma, Tenn.
Brattain, E. C., lumber, Lena, Ind.
Braucher, Ernest M., architect, 6 N. Clark, Chicago, Ill.
Braudy, M., & Sons, mill & facty. supplies, Grand Rapids, Mich.
Brauer, A. G., Supply Co., machsts., 316 N. 3rd, St. Louis, Mo.
Brauer Acetylene Lighting Co., Marshalltown, Ia.
Brauer Bros. Mfg. Co., sporting goods, 204 N. 14th, St. Louis, Mo.
Brauer, Justus, & Son, life preservers, 129 Arch, Phila., Pa.
Braumuller Piano Co., 626 W. 43d, New York.
Braun Bros. & Co., lumber, Athens, Wis.
Braun Bros., contrs., Dubuque, Ia.
Braun, Chas., architect, 459 41st, Brooklyn, N. Y.
Braun Co., coffee mills, food choppers, etc., 1615 N. 23rd, Phila., Pa.
Braun Corporation, laboratory equipt., 363 New High, Los Angeles, Cal.
Braun Electric Mfg. Co., motors, Canal, Dover, Ohio.
Braun, Frank, 211 2nd av, Astoria, N. Y.
Braun Gear Corp., 1323 Gates av, Brooklyn, N. Y.
Braun, H. & Son, contrs., Atchison, Kan.
Braun & Howe, masons' & bldrs.' matls., 66 Huron, Brooklyn, N. Y.
Braun, Isadore H., architect, 19 S. La Salle, Chicago, Ill.
Braun, J. G., ornamental iron work, 609 So. Paulina, Chicago, Ill.
Braun, J. M., contractor, Sheboygan, Wis.
Braun, J., & Sons, machsts. & fndrs., 1615 N. 23d, Phila., Pa.
Braun-Knecht-Heimann Co., chemicals, 576-584 Mission, San Francisco, Cal.
Braun, Wm. & Co., elec. contrs., 30 Church, New York
Braun, Wm. T., architect, 64 E. Van Buren, Chicago, Ill.
Braunfels, Browning & Co., mill & facty. supplies, 1940 Park av, New York.
Braunlich, C. F. & Co., hdwe., Wheeling, W. Va.
Braunschweig-Briam-Reich Co., who. hdwe., 106 E. Commerce ct., San Antonio, Tex.
Braunschweiger Bros., machinists, Toledo, Ohio.
Braunsdorf, Geo. W., paper, fibre & felt washers, 430 E. 53d, New York.
Braunsdorf, John H., machinist, Pearl River, N. Y.
Braunsdorf-Mueller, machinists, Elizabeth, N. J.
Braunstein Bros., Co., shades, 124 Wooster, New York.
Braunton, Harold, contractor, 180 Jessie, San Francisco, Cal.
Brauman & Co., mattresses, Welkesburne, Pa.
Brawley, T. R., felt specialties, felt gaskets, washers, etc., 275 20th, Brooklyn, N. Y. *See adv index at end of book*
Brawn, Curtis & Brown, furniture, Dept. H, Syracuse, N. Y.
Braxmar, C. G., Co., fire trumpets, badges, etc., 10 Maiden la, New York.
Bray Bros., masons' & bldrs.' matls., Terre Haute, Ind.
Bray, G. H., contractor, Atlanta, Ga
Bray, J. N., Lumber Co., Cecil, Ga.
Bray, J., Slate Co., roofing slate, E. Banger, Pa.
Bray & Kates Co., cans, Arlington Heights, Ill.
Bray & Lukens Co., masons' & bldrs.' matls., 861 E. Eagle, Buffalo, N. Y.
Bray Lbr. & Box Co., Bray, Cal.
Bray, W. T., architect, Torrey Bldg., Duluth, Minn.
Bray, Wm., architect, Tucson, Ariz.
Brayer Bros., contractors, Smith Blk., Auburn, N. Y.
Brayer, Wm., machsts. & fndrs., South Haven, Mich.
Breault, M., Co., box shooks, Cohoes, N. Y.
Brayton, L., Fndry. Co., River Point, R. I.
Brazel Novelty Mfg. Co., advtg. nov., 1710 Ella, Cincinnati, O.
Brazelton Lumber Co., Waco, Tex.
Brazil Clay Co., Brazil, Ind.
Brazil Face Brick Co Brazil, Ind.
Brazil Hollow Brick & Tile Co., Brazil, Ind.
Brazil L'br. Co., Brazil, Ind.
Brazil Mach. & Fdry. Co., Brazil, Ind.
Brazilian Turpentine Co. (Ltd.), Glenshaw, Pa.
Brazillian, James A., architect, 458 B'way, Boston, Mass.
Brazos, A., & Sons, contractors, Middletown, Conn.
Brazos, Frank, contractor, 135 Foote, New Haven, Conn.
Brazos Valley Cotton Mills, West, Tex.
Bready, Geo. L., architect, 220 W. 42nd, New York.
Breaithwaite, Thos., knitted gloves, Vineland, N. J.
Breakey, L. I., gauge glass fitting, 712 N. State, Marshall, Mich.
Breathwaite, Wm., sweaters, etc., 4931 Gtn. av, Gtn., Phila., Pa.
Breakless Staybolt Co., Thompson av, Pittsburgh, Pa.
Breakwater Co., crushed stone, Cleveland, Ohio.
Brear, S. D., & Son, tubular boilers, Tacoma, Wash.
Brearley, H. P., machy. dlrs., 90 West, New York.
Breault, Geo., contractor, Woonsocket, R. I.
Breaux Bridge Brick & Milling Co., Ltd., Breaux Bridge, La.
Breaznell, J. H., battery connectors, 26 Court, Brooklyn, N. Y.
Brecher, E. A., & Co., carbon paper, etc., 119 Lafayette, New York.
Brecht Co., packing house equip., 1201 Cass av, St. Louis, Mo.
Breck, Jos., & Sons Corp., whol. hdwe., 55 Franklin, Boston, Mass.
Breck Photoplay Supply Co., Stereopticons, San Francisco, Cal.
Breckwoldt, J., & Co., sounding boards, Dolgeville, N. Y.
Bredell's Composition Co., paints, 521 Washington, New York, & 818 Mission, San Francisco, Cal.
Bredhoff & Grimley, tin cans, 344 Front, San Francisco, Cal.
Bredt, F. & Co., colors, dyes, tragancanth imprts., 240 Water, New York. *See adv. index at end of book.*
Breeall, Jas., architect, Hibbs Bldg., Washington, D. C.
Breece Mfg. Co., carriage & wagon wheels, Portsmouth, Ohio.
Breed, Edw. W., landscape arch., 340 Main, Worcester, Mass.
Breeding, W. R. & Son, canned goods, Federalsburg, Md.
Breedon, Geo. W., flour mills, Bolivar, Tenn.
Breedon's, Wm., Son, needles (spring knitting), Amsterdam, N. Y.

Breen Art Glass Co., 29 Martin, Milwaukee, Wis.
Breen, Leonard M., bldg. contrs., Paterson, N. J.
Breen, Martin, cornices, Galveston, Tex.
Breen, Michael, contractor, 1362 Inwood av, New York.
Breen & Rinn, contractors, 624 Madison av, New York.
Breen Stone & Marble Co., Kasota, Minn.
Breen, Wm. J., Co., coke & pig iron dlrs., 84 State, Boston, Mass.
Breese Bros. Co., cornices, 2347 Reading rd, Cincinnati, Ohio.
Breeze Carburetor Co., machsts. & fndrs., 250 South, Newark, N. J.
Breher, L. S., acetylene gas generators, 183-187 W. Third, St. Paul, Minn.
Brehmer, F. W., Machine & Tool Co., 815 B'way, Cincinnati, Ohio
Breig Bros., contractors, Scranton, Pa.
Breilmaier, E., & Sons Co., architects, 111 Mason, Milwaukee, Wis.
Breining, John A., & Son, lumber, Williamsport, Pa.
Breisinger, Chas., & Son, brick, Bucyrus, Ohio.
Breitung, C. Alfred, architect, 531 23rd av So., Seattle, Wash.
Breitung, E. N., & Co., iron ores, Cleveland, Ohio.
Breivogel, Geo., cornices, 46 Rose, New York.
B. R. Elec. Co., telephone app., etc., Kansas City, Mo.
B. R. E. Mfg. Co., plumbers' woodwork mfrs., Hyde Park, Mass.
Bremen Fdry. & Mach. Wks., Bremen, Ga.
Bremen Mfg. Co., machinists, Bremen, Ohio.
Bremer Cut Stone Co., 3100 Roanoke rd, Kansas City, Mo.
Bremer, Hy. F., cornices, 2227 Ogden av, Chicago, Ill.
Bremer, W. J., mason & bldrs. mtls., Savannah, Ga.
Bremmeyer & Bain Co., whol. hdwe., Petoskey, Mich.
Brenbunfus Engineering Co., Lorain, Ohio.
Brenckerhoff, Arthur F., landscape architect, 15 E. 40th, New York
Brendinger, P. F., contractor, Commer. Trust Bldg., Phila., Pa.
Breneman, Chas. W., & Co., window shade mfrs., 2045 Reading rd, Cincinnati, Ohio.
Breneman, H. N., & Co., file mfrs., Lancaster, Pa.
Breneman, Jos. P., contractor, Lancaster, Pa.
Brenet, Joseph P., architect, Oil City, Pa.
Brenham Compress Oil & Mfg. Co., meal, Brenham, Tex.
Brenizer, Warren F., Co., contractors, 141 Q, N. W., Washington, D. C.
Brenkert Light Projection Co., 49 Cortlandt av, Detroit, Mich.
Brennan Construction Co., 11 N. La Salle, Chicago, Ill.
Brennan, Frank, contractor, 1409 Ritner, Philadelphia, Pa.
Brennan, J. E., contractor, 180 Jessie, San Francisco, Cal.
Brennan, J. J. & Sons, mason bldrs., Shelton, Conn.
Brennan, Jno., & Co., boilers, steel plate wk., etc., 24th & M. C. R. R., Detroit, Mich.
Brennan, Joseph F., cornices & skylights, Jacksonville, Ill.
Brennan, J. W., Construction Co., Geneva, N. Y.
Brennan Packing Co., meat packers, 39th & Normal av, Chicago, Ill.
Brennan, Peter J., & Son, contractors, 624 Madison av, New York.
Brennan, Richard, iron wks., forgings, 33 River, Buffalo, N. Y.
Brennan Sand Co., Tullytown, Pa.
Brenneman, J. E., dock bldrs., 1523 S. Front, Philadelphia, Pa.
Brennen Motor Mfg. Co., 101 Grape, Syracuse, N. Y.
Brenner Bros. Mfg. Co., electric & gas light fixtures, Meriden, Conn.
Brenner, Ferd., Lumber Co., Alexandria, La.
Brenner, L., & Co., scrap iron, Lebanon, Pa.
Brenner & Weiner Co., scrap iron, Pottsville, Pa.
Brensike, John. & Son, machsts. & fndrs., Juneau, Wis.
Brent, W. F., contractor, Norfolk, Va.
Brenton, Jos. C., architect, Charleroi, Pa.
Brenton, T. H., brick, Neligh, Neb.
Brereton, W. H., contractor, Des Moines, Ia.
Bresch, B. P., & Bro., soap, 5100 N. 2nd, St. Louis, Mo.
Bresee Mfg. Co., contractors, Mattoon, Ill.
Breseman, E. J., architect, Perkins Bldg., Tacoma, Wash.
Breslauer, A., industrial chemicals, soda ash, caustic soda, bicarbonate soda, calcium chloride, cyanide potassium, eucalyptus oil, rosin & dyestuffs, American Nat'l Bank Bldg., San Francisco, Cal.
Breslauer-Lachicotte & Co., canned goods, Waverly Mills, S. C.
Breslin, Andrew, sash, door & blind, Summit Hill, Pa.
Breslin Boiler & Iron Wks., Fort Smith, Ark.
Bressler, C. O., & Co., cornices, Lebanon, Pa.
Bretand, J. V., Bessemer converters, 2917 W. Gd. blvd., Detroit, Mich.
Bretch, A., cornices, 20 Stone, Dayton, Ohio.
Brethauer, G. J., Planing Mill Co., 2250 Bogen, Cincinnati, Ohio.
Bretney, H. V., Co., harness leather, Springfield, Ohio.
Brett & Hall, landscape architects, 248 Boylston, Boston, Mass.
Brett, Wm. P., machinist, Decatur, Ill.
Bretting, C. G., Mfg. Co., mill & facty. supplies, Ashland, Wis.
Brettner, O. L., architect, Holland Bldg., Springfield, Mo.
Brettschneider Furn. Co., Dept. H, Appleton, Wis.
Bretz, John E., contractor, Springfield, Ill
Bretz, J. S., Co., ball bearings, 250 W. 54th, New York.
Breuninger, H. L., architect, Colorado bldg, Washington, D. C.
Breuninger, L. E. & Sons, contrs., Colorado bldg, Washington, D. C.
Bruer, C. R., Smelting & Refining Co., ingots, brass & copper, Beeekman & Hopple, Cinn., Ohio.
Breuscaud, Jules, contractor, 290 B'way, New York.
Breul, Fred G., machinery, Bridgeport, Conn.
Brew Mfg. Co., lbr., Puyallup, Wash.
Brewbaker, J. C., canned goods, Buchanan, Va.
Brewer, A. G., machsts. & fndrs., Natick, Mass.
Brewer Bag Co., 78 Pearl, New York.
Brewer Bros. Co., bldrs. hdwe., 2nd & Somerset, Phila., Pa.
Brewer, Chas. A., & Sons, vending machy., 6320 Howard av, Chicago, Ill.
Brewer & Co., boiler compounds, disinfectants, metal polish, etc., Worcester, Mass.
Brewer & Co., Inc., pharmaceuticals, 221 Commercial, Worcester, Mass.
Brewer, C. R., Metal Refining Co., ingots, brass & copper, 1312 Dayton, Cincinnati, O.
Brewer Elevator Co., 27 Bowker, Boston, Mass.
Brewer, F. P. & W. A., lbr. mfrs., Saginaw, Mich.
Brewer, G. H., contractors' tents, Shreveport, La.
Brewer, R. G., masons' & bldrs.' matls., Mamaroneck, N. Y.
Brewer-Titchener Corp., eyelets, top irons, etc., Cortland, N. Y.

Brewer, H., & Co., machinery, Tecumseh, Mich.
Brewer, J. H., machinist, Mount Vernon, Ohio.
Brewer, L. R., flour, Hickory, N. C.
Brewer & Maltster & Beverageur, trade publication, 326 W. Madison, Chicago, Ill.
Brewer-Nienstedt Lbr. Co., Miltonberg, La.
Brewer, W. L., architect, Greensboro, N. Y.
Brewer, Wm. W., candle machy., Troy, N. Y.
Brewers' Journal, trade publication, 1 Hudson, New York.
Brewing Appliance Spec. Co., machy., Hartford, Conn.
Brewster Bros., contractors, Independence, Kan.
Brewster & Co., automobile bldrs., Queensboro Bridge Plaza, Long Island City, N. Y.
Brewster, Geo. M., & Son, contractors, Tenafly, N. J.
Brewster, H. N., contractor, Ridgefield Park, N. J.
Brewster Lumber Co., Savannah, Ga., and Knowlton, Wash.
Brewster & Son, masons' & bldrs.' matls., Ridgefield, N. J.
Brewster, Wm., & Co., machsts. tools & marketing machy, 30 Church, New York.
Brewton Iron Works, Brewton, Ala.
Breyer Bros. Whiting Co., windmills, Waupun, Wis.
Breyman, G. H., & Bros., contractors, Marine Bldg., Toledo, Ohio.
Breyman, Geo. F., & Bros., contractors, Marine Bldg., Toledo, Ohio, and Boston, Mass.
Breyman Leather Co., Portland, Ore.
Brezee & Mallory, architects, Saratoga Springs, N. Y.
Briante Construction Co., Inc., White Plains, N. Y.
Brick & Clay Record, trade publications, 610 Federal, Chicago, Ill.
Brick, Terra Cotta & Tile Co., Corning, N. Y.
Brickell & Brickell, architects, Olean, N. Y.
Brickell Constr. Co., Watertown, S. D.
Brickell, Wm. S., architect, 732 Ellicott sq., Buffalo, N. Y.
Brickenstein, L. B., rural mail boxes, Winston-Salem, N. C.
Brickey, F. M., & Co., wheat flour, Prairie du Rocher, Ill.
Brickman, J. R., Mfg. Co., mill & facty supplies, St. Louis, Mo.
Brickschmitt Quarry & Const. Co., stone prod., 6509 Manchester av, St Louis, Mo.
Brictson Mfg. Co., tire protectors, Brookings, S. Dak.
Bridalveil Canning Co., Ronda, N. C.
Bridal Veil L'br'g Co., Portland, Ore.
Bride, Grimes & Co., htg. contrs., Lawrence, Mas.
Bridge & Beach Mfg. Co., 1st & Valentine, St. Louis, Mo.
Bridge, Jno., tex. machy. (roll coverers), Chester, Pa.
Bridge, Lewis, & Sons, cornices, Huntington, Ind.
Bridge Shingle Co., lumber, Lawrence, Wash.
Bridgeford Co., machsts. & fndrs., Louisville, Ky.
Bridgeport Art Glass Co., Bridgeport, Conn.
Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.
Bridgeport Body Co., 363 Fairfield av, Bridgeport, Conn.
Bridgeport Boiler Wks. Co., Bridgeport, Conn.
Bridgeport Brass Co., Dept. H, Bridgeport, Conn.
Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.
Bridgeport Chain Co., weldless wire chain, mfrs., 964 Crescent av, Bridgeport, Conn.
Bridgeport Coach Lace Co., Bridgeport, Conn.
Bridgeport Cornice Wks., Bridgeport, Conn.
Bridgeport Crucible Co., Bridgeport, Conn.
Bridgeport Cutter Co., Inc., milling cutter mfrs., Bridgeport, Conn
Bridgeport Deoxidized Bronze & Metal Co., fndrs., Bridgeport, Conn.
Bridgeport Die & Mach Co., Bridgeport, Conn.
Bridgeport Dredge & Dock Co., contrs., Bridgeport, Conn.
Bridgeport Electric Products Co., push buttons, telephones & apparatus mfrs., Bridgeport, Conn.
Bridgeport Engng Co., saw tables for metal, Bridgeport, Conn.
Bridgeport Hardware Mfg. Corp., machine tools & hardware specialties, Bridgeport, Conn.
Bridgeport Lamp Chimney Co., Bridgeport, W. Va.
Bridgeport Malleable Iron Wks. (branch of the Eastern Malleable Iron Wks.), malleable & gray iron castings, Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co., specialist in metal goods, Bridgeport, Conn.
Bridgeport Metal Treating Co., case & steel hardening, Bridgeport, Conn
Bridgeport Motor Co., Bridgeport, Conn.
Bridgeport Pattern & Model Co., Bridgeport, Conn.
Bridgeport Piston Ring Co., Bridgeport, Conn.
Bridgeport Plumbing Supply Co., Bridgeport, Conn.
Bridgeport Projectile Co., Union av, Bridgeport, Conn.
Bridgeport Rolling Mills, Inc., brass bars & strip & nickel silver sheets, Bridgeport, Conn.
Bridgeport Safety Emery Wheel Co., 88H Knowlton, Bridgeport, Conn.
Bridgeport Screw Co., Bridgeport, Conn.
Bridgeport Sewer Construction Co., 165 Lindley, Bridgeport, Conn
Bridgeport Testing Laboratory, assayers, Bridgeport, Conn.
Bridgeport Wire Goods Co., egg beaters, towel bars, etc., East Port Chester, Conn.
Bridgeport Wood Finishing Works (Du Pont), paints, stains, enamels, polishes, paint & varnish removers, etc., Philadelphia, Pa.
Bridgers, J. D., Co., radius rods, Dept. H, Florence, S. C.
Bridge's, A. D., Sons, contr., cloth boards, silos, etc., Hazardville, Conn.
Bridges, E. D., granite producer, Nevada City, Cal.
Bridges Mfg. Co., photo. mounts, Rochester, N. Y.
Bridges-Smith & Co., paint mfrs., Louisville, Ky.
Bridges & Webber, architects, Chamber of Commerce Bldg., Portland, Ore.
Bridgeton Brick Co., Bridgeton, N. J.
Bridgeton Chandelier Co., electric & gas light fixtures, Bridgeton, N. J.
Bridgeton Condensed Milk Co., canned, Bridgeton, N. J.
Bridgeton Construction Co., contractors, Bridgeton, N. J.
Bridgewater Brick Co., Bridgewater, Mass.
Bridgewater Machine Co., Akron, Ohio.
Bridgewater Mfg. Co., woolen blankets, Bridgewater, Va.
Bridgewater Plow Corp., Bridgewater, Va.
Bridgman Bros. Co., castings, connections, traps, etc., 131 S. 31, Philadelphia, Pa.
Bridgman, E. C., maps, 61 Warren, New York.
Bridgman Mattress Co., Knoxville, Tenn.
Bridgman, Smith, Co., mfrs. fine paper boxes, 487 Kent av., Brooklyn, N. Y.
Bridgton Mach. & Lbr. Co., Bridgton, Me.
Bridley-Fuhrman, Martin Co., wholesale hardware, Elmira, N. Y.
Brieck Bros. Co., contractors, McKeesport, Pa.
Bried, Jas. L., contractor, Englewood, N. J.
Brielmaier, B. A., architect, 432 B'way, Milwaukee, Wis.
Brielmaier, Jos. M., architect, 432 B'way, Milwaukee, Wis.
Brielmaier, Leo, architect, 432 B'way, Milwaukee, Wis.
Brielmaier & Son, architects, 19 S. La Salle, Chicago, Ill.
Brieman, Chas. G., machst. & fndr., Juneau, Wis.
Brien Heater Co., hot air furnace, mfrs., Westfield, Mass.
Brier, Fisher & Miller, traveling bags, 218 Arch, Phila., Pa.
Brier Hill Collieries Co., Montgomery, Tenn.
Brier Hill Co., bituminous coal mine, Brier Hill, Pa.
Brier Hill Steel Co., Youngstown, Ohio.
Brier, John T., lbr. mfrs., bath, Ind.
Brierley Machine Co., 1736 E. 22d, Cleveland, Ohio.
Brierly-Lombard Co., mill & facty. supplies, 663 Main, Boston Mass.
Brierly, Frank F., & Sons, masons' & bldrs.' matls. & mill & facty. supplies, Beaver Falls, Pa.
Brierly-Lombard Co., machsts.; mill & facty. supplies, etc., 663 Main, Worcester, Mass.
Briganti, Domenico, architect, Philipsburgh Bldg., Yonkers, N. Y.
Brigham, Coveney & Bisbee, architects, 184 Boylston, Boston, Mass.
Briggs, Abram T., contractor, Taunton, Mass.
Briggs & Allyn Mfg. Co., wood tanks; sash, doors, etc., Lawrence, Mass.
Briggs Auto Wood Saw Co., 281 Hawthorne av, Portland, Ore.
Briggs, Beckman, mill & facty supplies, New Bedford, Mass.
Briggs, Belmar, Edge Tool Co., Haverhill, Mass.
Briggs Body Co., Amesbury, Mass.
Briggs Carriage Co., auto. bodies, trolley wheels, Amesbury, Mass.
Briggs & Cooper Co. (Ltd.), lbr. mfrs., Saginaw, Mich.
Briggs Chemical Works, Naphthalene, Amherst, Ohio
Briggs Engineering & Constr. Co., 75 Westminister, Providence, R. I.
Briggs Engng. Co., machinists, ft. 24th, Brooklyn, N. Y.
Briggs, Geo. M., Inc., contrs., Newton, Mass.
Briggs, G. S., & Co., lumber mfrs., Norfolk, Va.
Briggs, Geo. T., contractor, Narragansett Pier, R. I.
Briggs Hardware Co., Neosha, Mo.
Briggs, J. E., architect, Parsons, Kan.
Briggs, John, & Co., color mfrs. & importers, 45 Purchase, Boston, Mass.
Briggs, Jno. D., architect, Raleigh, N. C.
Briggs Labor Saving Spec. Co., concrete spreading dump carts, Waterloo, Iowa.
Briggs Lumber Co., Oneonta, N. Y., and Walker, Ore.
Briggs, Marvin, Inc., machy. dlrs., 167 6th, Brooklyn, N. Y.
Briggs & McLaughlin Contrg. Co., 337 E. 134th, New York.
Briggs Machinery Co., mill & facty. supplies & wood working machy., 238 2nd av, Pittsburgh, Pa.
Briggs Mfg. Co., auto bodies, Taft av, Cleveland, Ohio.
Briggs Mfg. Co., tire fabrics, Voluntown, Conn.
Briggs & Nelson, architects, Rose Bldg., Cleveland, Ohio.
Briggs, Oliver L., & Son, billiard tables, 61 Essex, Boston, Mass.
Briggs Pump Co., Omaha, Neb.
Briggs-Shaffner & Co., machinists, Winston-Salem, N. C.
Briggs & Stratton Co., switches, 1047 Louis, Milwaukee, Wis.
Briggs, Thos. H., & Sons, wholesale hardware, Raleigh, N. C.
Briggs & Turivas, scrap iron, 110 S. Dearborn, Chicago, Ill.
Briggs, W. H., Hardware Co., Valdosta, Ga.
Briggs-Weaver Machinery Co., Dallas, Tex.
Brigham, Arthur A., mill & facty. supplies, Old South Bldg., Boston, Mass.
Brigham Bros., brick, East Kingston, N. Y.
Brigham, Charles, architect, Watertown, Mass.
Brigham City Canning Co., Brigham, Utah.
Brigham, N. R., architect, Keeline bldg, Omaha, Neb.
Brigham Sheet Gelatine Co., 276 Pearl, New York.
Bright Circle Mfg. Co., vacuum cleaners, Toledo, Ohio.
Bright & Co., mill & facty. supplies; masons' & bldrs.' matls., & wholesale hardware, Reading, Pa.
Bright, Geo., Hardware Co., Pottsville, Pa.
Bright, Geo., Co., architects, 103 Marq Bldg., Detroit, Mich.
Bright, H. F., lumber, Ashland, Pa.
Bright, H. V., machy., turnstiles, 1104 Prospect, Cleveland, Ohio.
Bright, J. H., Contr. & Bldg. Co., Arcade bldg, St. Louis, Mo.
Bright Star Battery Co., 316 Hudson, New York.
Brightman Bros., paint, New Bedford, Mass.
Brightman Furnace Co., 2570 B'way, Cleveland, Ohio.
Brightman Mach. Co., Quincy & C. & P. Ry., Cleveland, Ohio.
Brightman Mfg. Co., shafting & straightening machy., Columbus, Ohio.
Brightman Nut & Mfg. Co., Sandusky, Ohio.
Brighton Fire Brick Co., New Brighton, Pa.
Brighton Fdry. Co., 3306 Artesian av, Chicago, Ill.
Brighton Mills, cotton duck, Passaic, N. J.
Brighton Mills Co., lbr., Brighton, Ore.
Brigman Shingler & Co., turpentine, Milltown, Ga.
Briley, C. A., heating contractors, 1003 Forbes, Pittsburgh, Pa.
Brill, J. G., Co., auto. wood bodies, 62d & Woodland, Phila., Pa.
Brillhart, Jacob S., & Sons, brick, Porters Sideling, Pa.
Brilliant Mfg. Co., signs, 1035 Ridge av, Philadelphia, Pa.
Brilliant Searchlight Mfg. Co., 529 S. Dearborn, Chicago, Ill.
Brilliant Sign Co., 3531 Washington av, St. Louis, Mo.
Brilliant Sign Letter Co., 478 6th av, New York.
Brillion Brick & Tile Co., Brillion, Wis.
Brillion Iron Wks., Brillion, Wis.
Brillion Lumber Co., Brillion, Wis.
Brim, A. W., letters & figures, Seneca Falls, N. Y.
Brimberg, H., bags, burlap, etc., 546 Pearl, New York
Brimer & England Bros., contractors, Knoxville, Tenn.
Brinckloe, Wm. Draper, archit., Easton, Md., & Wilmington, Del.
Brindle, D. E., contractor, Carlisle, Pa.
Brineman M. D., architect, Huntington, Ind.
Brininstool Co., paint, Los Angeles, Cal.
Brink, C. L., Inc., Signs, 24 Gold, Boston, Mass.
Brink, E. P., & Son, architects, 817 11th, N. W., Washington, D. C.
Brinkerhoff, J. P., Sons, machsts. & fndrs., 57 Dey, New York.
Brinkerhoff Piano Co., 209 S. State, Chicago, Ill.
Brinkley Car Wks. & Mfg. Co., Brinkley, Ark.
Brinkley-Curd Hdwe. & Implement Co., Pueblo, Colo.

Brinkley Supply Co., mill & facty supplies, Seattle, Wash.
Brinkman, H., brick, Mount Vernon, Ind.
Brinkman, H. W., architect, Emporia, Kan.
Brinkmann Bros., cornices, 2617 Frankford, Philadelphia, Pa.
Brinkmann, J. H., & Sons, furnaces, 1913 Olive, St. Louis, Mo.
Brinks, Hy., & Sons, contractors, Quincy, Ill.
Brinley & Holbrook, landscape architects, 156 5th av, New York.
Brinly, Hardy Co., agric. implement mfrs., Louisville, Ky.
Brinser, E. C., Sons, baseball bats, handles, poles, etc., Richmond, Va.
Brinton, H., Co., knitting machy., 213H Race, Phila., Pa.
Brinton Motor Truck Co., 5805 Market, Philadelphia, Pa.
Briscoe, B. P., architect, Carter Bldg., Houston, Tex.
Briscoe Devices Co., carbureters, Jackson, Mich.
Briscoe Motor Corp., automobile builders, Jackson, Mich.
Briscie, W. D., machinist, 1818 E. N. W., Washington, D. C.
Brisentine Bros., canned goods, Prospect, Va.
Brislin Boiler & Iron Wks., Fort Smith, Ark.
Brison Bros., brick, Millersport, Ohio.
Brissey, W. L., Lumber Co., Anderson, S. C.
Brissman & Co., contractors, Moline, Ill.
Brister, B. E., Merc. Co., lumber, Bogue Chitto, Miss.
Brister & Knowles, contractors, Petersburg, Va.
Bristle, Jos. H., architect, 5660 Ridge av, Chicago, Ill.
Bristol Bay Packing Co., salmon packers, 112 Market, San Francisco, Cal.
Bristol Brass Co., brass sheets, rods, etc., Bristol, Conn.
Bristol Coffin & Casket Co., Bristol, Va.
Bristol Co. (The), "Bristol's" recording instruments for pressure, temperature, electricity, time, motion, speed, humidity, temperature control, etc., also patent belt fasteners & safety set screws, Waterbury, Conn.
See adv index at end of book
Bristol Co., steam fitters' supplies, St. Joseph, Mo.
Bristol Door & Lbr. Co., Bristol, Tenn.
Bristol & Gale Co., agricultural implements, 158 Carroll av, Chicago, Ill.
Bristol Mfg. Co., coffins, etc., Bristol, Vt.
Bristol-Myers Co., mfg. chemists, 281 Greene av, Brooklyn, N. Y.
Bristol Naval Stores Co., Bristol, Fla.
Bristol Patent Leather Co., 315 Arch, Philadelphia, Pa.
Bristol & Plainville Tramway Co., machst., Bristol, Conn.
Bristol & Sweet Harness Co., Fargo, N. D.
Bristow, John, contractor, Narragansett Pier, R. I.
British Aluminum Co., Ltd., metals, etc., 165 B'way, New York.
British-American Chemical Corp., 109 Beekman, New York
British-American Metal Co., Inc., brass & copper tubing, 52 Vanderbilt av, New York
British Xylonite Co., of N. Y., Inc. (imp. of Xylonite), 1133 B'way, New York.
Britt Bros., turpentine, Bonifay, Fla.
Britt, J. A., & Son, flour mills, Clay Pool, Ky.
Brittain, J. H., contractor, 345 Sherman av, Salt Lake City, Utah.
Brittingham & Hixon Lbr. Co., lbr., Madison, Wis.
Britton, Frank, architect, c/o Morris & Co., Arch'l Dept., Chicago, Ill.
Britton Lumber Co., Lakewood, Fla.
Britton Pressed Brick Co., Ann Arbor, Mich.
Britton, W. D., Hardware Co., Ogdensburgh, N. Y.
Broad Gauge Iron Wks., stable fix. & weather vanes, 77 Port, Boston, Mass.
Broad, Jas., contractor, Spokane, Wash.
Broadbent, J., & Son, absorbent cotton, Unionville, Conn.
Broaddus & Ives Lbr. Co., Newbern, N. C.
Broadhead, Jos., saws, Manistee, Mich.
Broadfoot Iron Wks., machsts., H ft. Church, Wilmington, Del.
Broadway Bedding Co., mattresses, Louisville, Ky.
Broadway Coal & Feed Co., masons' & bldrs.' matls., 6431 Broadway, Cleveland, Ohio.
Broadway Construction Co., 235 E. Washington, Los Angeles, Cal.
Broadway Contracting Co., Inc., 4925 B'way, New York.
Broadway Fdry. Co., 8001 Franklin, Cleveland, Ohio.
Broadway Iron Fndry Co., Cambridge, Mass.
Broadway Mfg. Co., sash, door & blind, Knoxville, Tenn.
Broadway Mchy. Co., mill and facty supplies, 236 B'way, Cinn., O.
Broadwell, C. H., contrs., Milford, Conn.
Broadwell, J. J., architect, German Bk. Bldg., Memphis, Tenn.
Broadwell, Wm. M., masons' & bldrs.' matls., Bangor, Mich.
Broas & Sage Co., refrigerating machy., 17 Alling, Newark, N. J.
Broaten & Mincy, architects, Mason City, Ia.
Broc Carriage & Wagon Co., auto. windshields, N. E. Cleveland, Ohio.
Brock, A. S., Rubber Co., 57 Broad, Boston, Mass.
Brock Bros., cornices, Cambridge, Mass.
Brock Bros., cornices & skylights, Melrose, Mass.
Brock Bros., lbr., Clatskamic, Ore.
Brock-Sharp Machy. Co., dealers, Jacksonville, Fla.
Brock, V. A., flour mills, Sparta, Ky.
Brockett, C. A., Cement Co., masons & bldrs. matl's, 121 W. 8th, Kansas City, Mo.
Brockett, F. A., architect, Cutler Bldg., Rochester, N. Y.
Brockett-Gorham Co., spark plugs, Marion, Ohio.
Brockett, L. B., & Son, mill & facty. supplies, Battle Creek, Mich.
Brockett, Lawrence B., lbr., Dept. H, Johnsonville, N. Y.
Brockett & Wood, architects, Powers Bldg., Rochester, N. Y.
Brockie Arthur H., architect, 1713 Samson, Phila., Pa.
Brockie & Hastings, architects. See Brockie Arthur H. (successor)
Brocklehurst, H., contractor, 512 W. Norris, Philadelphia, Pa.
Brocklehurst & Potter Co., contractors, 1328 B'way, New York.
Brockman, J. R., Mfg. Co., htg. contrs., 617 N. 2d, St. Louis, Mo.
Brockman, Sam'l J., contractor, 444 Milwaukee, Milwaukee, Wis.
Brockton Die Co., Brockton, Mass.
Brockton Gas Light Co., gas retort carbons, Brockton, Mass.
Brockton Heel Co., boot & shoe counters, Brockton, Mass.
Brockton Last Co., wooden shoe lasts, Brockton, Mass.
Brockton Mallet Co., Brockton, Mass.
Brockton Mop Wringer Co., Brockton, Mass.
Brockton Webbing Co., Brockton, Mass.
Brockton Welting Co., Brockton, Mass.
Brockway, A. L., and Dwight R. Collin, architects, Third Bk. Bldg., Syracuse, N. Y.
Brockway Brick Co., Brockway, N. Y.
Brockway Bros. Co., brick, Dutchess Junction, N. Y.
Broadway & McNeil & Feets Co, architects, Warren, Pa.

Brockway Mach. Bottle Co., Brockwayville, Pa.
Brockway & Meckensturn Mach. Co., cotton machy., Moodus, Conn.
Brockway Motor Truck Co., auto. bldrs., Cortland, N. Y.
Brockway-Smith Corp., sash, door & blind mfrs., 98 Canal, Boston, Mass.
Brockway, W. N., carriages, Homer, N. Y.
Brode, F. W., & Co., cottonseed oils, Memphis, Tenn.
Brode Iron Works, 37 Hawthorne, San Francisco, Cal.
Brode, W. M., Co., contractors, New Comerstown, Ohio.
Broderick & Bascom Loggers' Supply Co., mill & facty. supplies, 623 Western av, Seattle, Wash.
Broderick & Bascom Rope Co., cordage & twine mfrs., 805 N. Main, St. Louis, Mo.
Broderick Co., boilers, Muncie, Ind.
Brodorick Co., advtg. novelties, 464 Robert, St. Paul, Minn.
Broderick, Edmund D., contractor, 110 W. 40th, New York.
Broderick, John H., contractor, 44 Bromfield, Boston, Mass.
Brodesser Elev. Co., Burleigh & Weil, Milwaukee, Wis.
Brodhead-Ganett Co., Clay City, Ky.
Brodie Elec'l & Auto. Co., Manchester, N. H.
Brodie, Harry C., contractor, Portage, Wis.
Brodie, T. L., architect, Jefferson Co. Bk. Bldg., Birmingham, Ala.
Brodie, Walter M., metallurgical engrs., 49 Cedar, New York.
Brodie, Wm., cornices & mill & facty. supplies, 307 Jackson av, L. I. City, N. Y.
Brodie, Wm. H., Co., elevator doors, 38 Park pl, New York.
Brodin Pattern & Supply Wks., stove pipe ventilators, etc., 2420 W. 16th, Chicago, Ill.
Brodix & Malone, stone producers, 112 W. Adams, Chicago, Ill.
Brodner, K., plate glass, New Haven, Conn.
Brodt, T. E., sash, door & blind mfrs., Bagley, Wis.
Brody & Lipman, contrs., New London, Conn.
Brody, S., bags & bagging, South & Clinton, New York.
Brody, William, & Co., dental instruments, 1911 Park av, New York.
Broeker, Chas., & Co., corn & flour mills, Owensboro, Ky.
Broering & Meier, brick, Covington, Ky.
Brogan & Co., steam fitters' supplies, 810 Race, Phila., Pa.
Brogan, Edward, stone producers, 1215 Franklin, N. S., Pittsburgh, Pa.
Brogan, Jas. F., & Co., contractors, Commercial Trust Bldg., Philadelphia, Pa.
Brogan, P. F., architect, 36 8th av, New York.
Brogon Mills, flannels, cotton, Anderson, S. C.
Brohard Co., machinists, Lehigh & 3d, Philadelphia, Pa.
Brohl & Appell, heating contractors, Sandusky, Ohio.
Brohm & Molitor, file & stove mfrs., 257 S. Pearl, Albany, N. Y.
Brokaw-Eden Mfg. Co. See Gillespie Eden Corp. (successor)
Brokensword Stone Co., crushed stone & lime, Bucyrus, Ohio.
Brokhaus, Geo. C., architect, 402 Washington, Hoboken, N. J.
Broline, Nolan & Co., contrs., 8 S. Dearborn, Chicago, Ill.
Brom, Martin, contractor, Winona, Minn.
Brombacher, A. F., & Co., whol. hdwe., 31 Fulton, New York.
Brombacher, J., machinist, Los Angeles, Cal.
Bromich, Joseph, boilers, Topeka, Kan.
Bromley, H. C., contractor, Seattle, Wash.
Bromley-Merseles Mfg. Co., machinists, 1328 B'way, New York
Bromm, Fred, machinist, 2564 S. Halsted, Chicago, Ill.
Bromund, E. A., Co., wax; ceresine imprts., 258 B'way, New York.
Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, Ohio.
Bromwell Co., wire goods, 420 Main, Cincinnati, Ohio.
Bronson Bros., masons' & bldrs.' matls., Winsted, Conn.
Bronson, E. B., Co., machsts. & fndrs., Blue Island, Ill.
Bronson, Homer D., Co., brass hinges & metal novelties, Beacon Falls, Conn.
Bronson & Townsend Co., wholesale hdwe., New Haven, Conn.
Bronson-Walton Co., guy clamps, Cleveland, Ohio.
Bronson, Wm. & Hy., machsts. & fndrs., Roxbury, Conn.
Bronx Carbonate So., carbonic acid gas, 934 E. 165th, New York.
Bronx Cut Stone Co., 4177 3d av, New York.
Bronx Derrick & Tool Co., 143d & Southern Blvd., New York.
See adv. index at end of book.
Bronx Metal Wks., 1833 Washington av, New York.
Bronx Sash & Door Co., E. Tremont av & 180th, New York.
Bronzbaswyt Metals Co., mill bearing & castings, First Nat'l Bank bldg, Pittsburgh, Pa.
Bronz-Bras-Wyt Metals Co., mill bearing & castings, 4901 Butler, Pittsburgh, Pa.
Bronze Age Metal Co., tuyeres & coolers, 5323 Butler, Pittsburgh, Pa.
Bronze Metal Co., machsts. & fndrs., 30 Church, New York.
Bronze Powder Wks. Co., Elizabeth, N. J.
Bronze Weather Strip Co., 134 Milk, Boston, Mass.
Brook, Abraham, architect, 350 Fulton, Brooklyn, N. Y.
Brook-Bolshaw Co., cross ties, Savannah, Ga.
Brook Building & Supply Co., Brook, Ind.
Brook, John, stone producer, 2169 E. 28th, Cleveland, Ohio.
Brook Novelty Co., ironing boards, corn poppers, Brook, Ind.
Brook Terra Cotta, Tile & Brick Co., Brook, Ind.
Brooke, E. & G., Iron Co., iron nails, Birdsboro, Pa.
Brooke, Fred'k H., architect, 1218 Conn av, Washington, D. C.
Brooke Lumber Co., Pataskala, Ohio.
Brooke, Smith & French, advertising counsellors, Kresge Bldg., Detroit, Mich.
Brooker, Robt., contractor, Lancaster, Wis.
Brookfield Glass Co., glass insulators, 2 Rector, New York.
Brookhaven Cotton Oil & Fertz. Co., Brookhaven, Miss.
Brookhaven Gravel Co., Brookhaven, Miss.
Brookhaven L'br. & Mfg. Co., Hattiesburg, Miss.
Brookhaven Pressed Brick & Mfg. Co., Brookhaven, Miss.
Brookings, John C., contr., Pekin, Ill.
Brookins Co., electric & gas light fixtures, 1747 Euclid av, Cleveland, Ohio.
Brookline Contracting Co., Brookline, Mass.
Brooklyn Alloys Co., 17H Walton, Brooklyn, N. Y.
Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.
Brooklyn Brass Wks., machsts. & fndrs., 263 Scholes, Brooklyn, N. Y.
Brooklyn Brick Co., common, 506 Chamber of Comm., Indianapolis, Ind.
Brooklyn Cooperage Co., 142 Kent av, Brooklyn, N. Y.
Brooklyn Elec. Lamp & Nov. Co., 278 Fulton, Brooklyn, N. Y.
Brooklyn Elec. Supply Co., 56 Myrtle av, Brooklyn, N. Y.
Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.

Brooklyn Fire Brick Wks., 88 Van Dyke, Brooklyn, N. Y.
Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brooklyn, N. Y.
Brooklyn F'ndry Co., Astoria, N. Y.
Brooklyn Galvanizing & Mfg. Co., tin plate, 120 Liberty, New York.
Brooklyn Lthr. Belting Co., 42 S. 6th, Brooklyn, N. Y.
Brooklyn Lbr. Co., 452 Hamilton av, Brooklyn, N. Y.
Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
Brooklyn Navy Yard, fndrs., Brooklyn, N. Y.
Brooklyn Scratch Brush Co., steel wire brushes, 11 McKibben, B'klyn, N. Y.
Brooklyn Shield & Rubber Co., 397 Summer av, Brooklyn, N. Y.
Brooklyn St. F'ndry Co., North Adams, Mass.
Brooklyn Suit Case Mfg. Co., trav. bags, 76 Morgan av, Brooklyn, N. Y.
Brooklyn Tool Co., hoof parers, Brooklyn, Ind.
Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.
Brooklyn Vault Light Co., 254 Monitor, Brooklyn, N. Y.
Brooklyn Vitrified Tile Wks., ceramic & vitreous, 92 Third, Brooklyn, N. Y.
Brookman Mfg. Co., lye, 664 N. Wells, Chicago, Ill.
Brooks Brick Co., Brewer, Me.
Brooks Bros., cornices & skylights, Columbus, Ind.
Brooks Bros., lbr., 1923 University av, St. Paul, Minn.
Brooks Burner Stove Co., Ardmore, Okla.
Brooks, Chas. A., contractor, Augusta, Me.
Brooks, Chas. J., machinist, New Haven, Conn.
Brooks, Clarence, & Co., varnish, hard oil finish, 249 Chestnut, Newark, N. J.
Brooks, Clyde, mfrs. agts. pig iron, ferro alloys & nickel, H Farmers Bank Bldg., Pittsburgh, Pa.
Brooks & Co., sash, door & blind mfrs., Poughkeepsie, N. Y.
Brooks Construction Co., Fort Wayne, Ind.
Brooks, E. J., & Co., railway supplies, mfrs., 227 Fulton, New York.
Brooks, E. S., masons' & bldrs.' matls., Westbrook, Me.
Brooks Furniture Mfg. Co., Rochester, N. Y.
Brooks, Geo. B., cotton waste, 303 Canal, Providence, R. I.
Brooks, Geo., & Son Co., auto. & furniture binding & gimps, 5428 Wyalusing, Philadelphia, Pa.
Brooks, Geo. W., architect, Perth Amboy, N. J.
Brooks, Hall L., ties, poles & posts, Tomahawk, Wis.
Brooks Hardware Co., Augusta, Me.
Brooks & Hunt, contrs., Greensboro, N. C.
Brooks, I., architect, 215 Montague, Brooklyn, N. Y.
Brooks, John, Co., knives, Brockton, Mass.
Brooks, M. S., & Sons, wire goods, hammers, hooks, etc., Chester, Conn.
Brooks Machine Co., Wichita, Kan.
Brooks Machine Co., forgings, York, Pa. *See adv. index at end of book.*
Brooks Mfg. Co., jewelry cases, 221 High, Boston, Mass.
Brooks Mfg. Co., knocked-down boats, Saginaw, Mich., and lumber, Greensboro, N. C.
Brooks Mfg. Co., plumbing spec., 2946 W. Lake, Chicago, Ill.
Brooks, O. E., & Sons, contrs., 6711 Olstead av, Chicago, Ill.
Brooks Oil Co., C. & P. & Erie R. R., Cleveland, Ohio.
Brooks Packing Co., canned goods, Tillamook, Ore.
Brooks, Peter, & Son, contrs., 267 White, Hartford, Conn.
Brooks & Ross Lumber Co., 39 S. La Salle, Chicago, Ill.
Brooks, S., Furn. Co., Dept. H, Rochester, N. Y.
Brooks-Scanlon Lbr. Co., 1120 Plymouth Bldg., Minneapolis, Minn.
Brooks, T. C., & Sons Co., contractors, Jackson, Mich.
Brooks, T. H., & Co., fndrs., Cleveland, Ohio.
Brooks Tent & Awning Co., Denver, Colo.
Brooks Tomato Products Co., canners, Collinsville, Ill.
Brooks, W. F., architect, cor. Lewis & Gold, Hartford, Conn.
Brookside Brass Fdy. & Mfg. Co., self-closing cocks & bibbs, 2315 Selzer av, S. W., Cleveland, Ohio.
Brookside Mills, cotton duck & canvas, Knoxville, Tenn.
Brookside Paper Co., binders' boards, South Manchester, Conn.
Brookville Furn. Co., Dept. H, Brookville, Ind.
Brooksville Woolen Mill, blankets, Brooksville, Me.
Brookville Bridge Co., Brookville, Ohio.
Brookville Glass & Tile Co., Brookville, Pa.
Brookville Mfg. Co., farm wagons, Brookville, Pa.
Broome & Sterbing Co., advtg. spec., Coshocton, Ohio.
Broomhall, E. F., architect, Alworth Bldg., Duluth, Minn.
Broom Corn Review, Wichita, Kans.
Broome, W. P., & Son, lbr. mfrs., Dept. H, Peachland, N. C.
Brooms, Brushes & Handles, trade publication, Milwaukee, Wis.
Brophy Belting & Supply Co., Madison, Ind.
Brophy Bros., brick, Grassy Point, N. Y.
Brophy, Chas. A., button mfrs., Aurora, Ill.
Bros Wm., Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Brosche & Kenlay, 20th Century Injector & Supply Co., Attica, Ind.
Brose, Andrew, contractor, 42 E. 23d, New York.
Brose & Arnold, flour mills, Evansville, Ind.
Brosius, Edgar E., grab buckets, 1212 Benedum Trees Bldg., Pittsburgh, Pa.
Bross & Shearer, brick, Shippinsburg, Pa.
Brost Pattern Works, wood & metal, 5122 St. Clair av, Cleveland, Ohio.
Brothers, James W., lumber, Battle Creek & Lacenter, Wash.
Brothers Valley Coal Co., bituminous, 90 West, New York
Brotherton, Wm., Jr., sash, door & blind mfrs., Peekskill, N. Y.
Brotherton & Cooper, architects, Equity Bldg., Detroit, Mich.
Brotsch, F. V., Co., contractors, Rochester, N. Y.
Brott, H. R., contractor, Gloversville, N. Y.
Brougher, W. D., Net Co., fly nets, Wellsville, Pa.
Broughton, J. H., masons' & bldrs.' matls., Portsmouth, N. H.
Broughton, N. L., lbr., Pinewood, S. C.
Broughton & Wiggins Co., lbr., Portland, Ore.
Brounet, Arthur, decorative art tapestries, etc., 1133 B'way, New York.
Broussard Casket & Mfg. Co., New Iberia, La.
Broussard Oil Mill, Broussard, La.
Brousseau, H. P., brick, Shodack Landing, N. Y.
Broverman, Morris, & Son, bristles, 100 Maiden la, New York.
Brower & Best, common brick, Thompsonville, Conn.
Brower, John, heating contractors, 352 W. 13th, New York.
Brower, Roy L., Corp., whol. hdwe. & wire nails, 86 Front, New York.
Brown, A. B., Co., weather strips, 405 Lexington av, New York.
Brown, A. C., & Sons, contractors, Tottenville, N. Y.
Brown, A. & F., Co., machsts. & fndrs., 79 Barclay, New York.
Brown, A. R., bolts, nuts & rivets, Erwin, Tenn.
Brown, A. S., architect, Jaques Bldg., Macon, Ga.
Brown, A. Ten Eyck, architect, Realty Tr. Bldg., Atlanta, Ga.
Brown, A. V., architect, 8 S. Dearborn, Chicago, Ill.
Brown, Albert, common brick, Saranac, Mich.
Brown, Alfred, 127H S. Main, S. Norwalk, Conn.
Brown, Archibald N., architect, 140 E. 39th, New York
Brown, Arthur G., architect, 109 N. Dearborn, Chicago, Ill.
Brown, Arthur, contractor, South Vineland, N. J.
Brown, Arthur S., Mfg. Co., belting, solid cotton, Tilton, N. H.
Brown, Asahel C., & Son, flour mills, Waltersburg, Pa.
Brown, B. F., contractor, 5992 Centre av, Pittsburgh, Pa.
Brown, B. F., & Co., polishes & shoe blacking, 137 Fulton, Boston, Mass.
Brown Bache H., architect, 70 E. 45th, New York
Brown Bag Filling Machine Co. (The), mfrs., Fitchburg, Mass.
Brown & Bailey Co., folding paper boxes, 410 Franklin, Philadelphia, Pa.
Brown Bed Mfg. Co., Kansas City, Mo.
Brown, Bedford, architect, 806 17th, N. W., Washington, D. C.
Brown Beer Pump Co., 11 Chardon, Boston, Mass.
Brown, Benson, contractor, Faribault, Minn.
Brown, Blodgett & Sperry Co., architects' instruments, University & Wheeler, St. Paul, Minn.
Brown Brick Co., Dallas, Tex.
Brown Bros., castings, plating works, etc., Stamford, Conn. *See adv index at end of book*
Brown Bros., contractors, Kansas City, Kan.
Brown Bros., meat packers, 534 W. Ray, Indianapolis, Ind.
Brown Bros., tubular boilers, Spokane, Wash.
Brown Bros. & Carnahan, lbr., Louisville, Ky.
Brown Bros. Co., mill & facty. supplies, 62 Exchange pl, Providence, R. I.
Brown Bros. Co., lumber mfrs., Gainesville, Fla.
Brown Bros. Co., machsts. & fndrs., Gloucester, Mass.
Brown Bros. Fdry. & Mach. Co., Eldora, Ia.
Brown Bros. Lumber Co., Eskota, N. C., Rhinelander, Wis.
Brown & Brown Coal Co., masons' & bldrs.' matls., 269 Grand River, Detroit, Mich.
Brown Buggy Co., Waterloo, Ia.
Brown, C., lumber, Midland, Mich.
Brown, C. A., flour mills, Falls, Pa.
Brown, C. O., & Bro., masons' & bldrs.' matls., Columbia, S. C.
Brown-Camp Hardware Co., Des Moines, Ia.
Brown Car Wheel Wks., fndrs., 466 Howard, Buffalo, N. Y.
Brown Carriage Co., 1630 Gest, Cincinnati, Ohio.
Brown, Carroll & Co., granite, Barre, Vt.
Brown, Chas. D., masons' & bldrs.' matls., Emaus, Pa.
Brown, Chas. H., Paint Co., 262 Fulton, Brooklyn, N. Y.
Brown, Chas. R., contractor, sand & gravel dlrs., Syracuse, N. Y.
Brown, Chris. F., contractor, Dorchester, Boston, Mass.
Brown City Mfg. Co., mchsts. & fdrs., Brown City, Mich.
Brown, Clarence J., architect, Security Bk. Bldg., Minneapolis, Minn.
Brown, Clinton C., plate glass, Syracuse, N. Y.
Brown Clutch Co., Sandusky, Ohio.
Brown & Co., iron bar mills, 10th & Duquesne way, Pittsburgh, Pa.
Brown Co., paper, sulphite, lbr. & bldg. mtls., Portland, Me.
Brown Co., spark plugs, shacks bolts, Syracuse, N. Y.
Brown Corp., turpentine, Portland, Me.
Brown Cotton Gin Co., New London, Conn.
Brown, D. F., architect, Northmont, Reading, Pa.
Brown, D. P., & Co., mill & facty. supplies, 262 N 4th, Phila., Pa.
Brown, D. V., optical goods, 738 Sansom, Philadelphia, Pa.
Brown Dry Dock Co., ft. Morris, Jersey City, N. J.
Brown, E. B., architect, Stockton, Cal.
Brown, E. C., Co., spray pumps, etc., Rochester, N. Y.
Brown, E., & Co., cornices & skylights, 114 E. 9th, Los Angeles, Cal.
Brown, E. E., & Co., fndrs., McKean & Meadow, Philadelphia, Pa.
Brown, E. G., flour mills, Lascassas, Tenn.
Brown, E. H., Mfg. Co., ravelers & collar & cuff ldry. machy., Troy, N. Y.
Brown, E. M., Paper Co., Rock City Falls, N. Y.
Brown, E. W., Co., canned goods, South Portland, Me.
Brown, Ed. B., contractor, Verona, N. J.
Brown, Edmund K., landscape architect, 13 Park row, New York.
Brown, Edwin H., architect, Am. Red Cross, Camp Cody, Deming, N. Mex.
Brown, Elliot C., Co., contractors, 70 E. 45th, New York.
Brown, Elliott L., architect, 506 B'way, Yonkers, N. Y.
Brown Engine & Mach. Co., Fitchburg, Mass.
Brown Engineering Co., engineers & mfrs., 110 N. 3d, Reading, Pa.
Brown, F. B., lbr., Hampton, N. H.
Brown, F. G., aniline colors, 112 N. Delaware av, Phila., Pa.
Brown, F. H., Packing Co., steam, 623 Cherry, Philadelphia, Pa.
Brown, F. P., elec. light fix. mfrs., 45 N. 6th, Philadelphia, Pa.
Brown, F. S. & G. L., Machine Co., machy, mfrs., 20 E. Fort av Baltimore, Md.
Brown Fig Co., canned goods, Beaumont, Tex.
Brown Folding Mach. Co., Erie, Pa.
Brown, Frank C., architect, 9 Mt. Vernon sq., Boston, Mass.
Brown, Frank E., architect, 47 Orange, New Haven, Conn.
Brown, Frank Horton, architect, White Plains, N. Y.
Brown, Frank J., contr., Hanford, Cal.
Brown, Fred'k. L., archt., Real Estate Exch. Bldg., Scranton, Pa.
Brown Furn. Co., Dept. H, Dayton, Ohio.
Brown, G. H., & Bro., carriages, Kinderhook, N. Y.
Brown, G. S., architect & contr., Lafayette, Ind.
Brown, George, architect, Dover, N. H.
Brown, Geo., & Co., stone, 286 5th av, New York.
Brown, Geo. C., & Co., lumber, Memphis, Tenn.
Brown, Geo. W., contr., West Palm Beach, Fla.
Brown, Geo. L., & Son, contrs., Rialto Bldg., Kansas City, Mo.
Brown, Glenn, architect, 806 17th, N. W., Washington, D. C.
Brown, Gordon, lead pencils, 90 W. B'way, New York.
Brown, Grant, lbr. mfrs., Carlisle, N. Y.
Brown & Gregory, lbr., Sidon, Miss.
Brown Guano Co., Albany, Ga.
Brown & Hackney, Inc., lbr., Little Rock, Ark.
Brown, H. C., contractor, Duluth, Minn.
Brown, H. B., Co., machsts. & fndrs., East Hampton, Conn.

Brown, H. D., & Co., masons' & bldrs.' matls., Aurora, Ill.
Brown, H. L., Fence & Mfg. Co., Oakley, Cincinnati, Ohio.
Brown Hardware Co., Punxsutawney, Pa.
Brown, Harold P., concrete atomizer & cement guns, 120 Liberty, New York.
Brown, Harry H., contractor, 212 Clay, Baltimore, Md.
Brown Hdwe. Co., tools, cutlery & bldrs.' supplies, Asheville, N. C.
Brown Heating Co., 5972 Easton av, St. Louis, Mo.
Brown & Hedge, masons' & bldrs.' matls., Holton, Kans.
Brown, Henry, mchsts. & fdrs., Chippewa Falls, Wis.
Brown, Henry A., architect, Beverly, N. J.
Brown, Henry J., & Son, contrs., 1534 Fulton, Brooklyn, N. Y.
Brown, Henry L., contractor, 27th & Clearfield, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio.
Brown, Howard Curtis (Estate), paper & pulp mill, East Hampton, Conn.
Brown, Hunkle Corp., machy. dlrs., 26 Mechanic, Newark, N. J.
Brown & Hutchinson, shoe patterns, Haverhill, Mass.
Brown, I. N., contractor, Peters Bldg., Atlanta, Ga.
Brown Instrument Co., pyrometers, thermometers & recording instruments, Wayne & Windrim, Philadelphia, Pa.
Brown, J. C., Inc., acetyl salicylic acid, 15 Park Row, New York.
Brown, J. E., masons' & bldrs.' matls., Benton Station, Me.
Brown, J. Edgar, machsts., Chestnut Level, Pa.
Brown, J. F., brick, Hanford, Cal.
Brown, J. H., Co., contractors, Atlanta, Ga.
Brown, J. K. & Co., scaffold bldrs., 181 3d av, Brooklyn, N. Y.
Brown, J. O., contractor, Fort Wayne, Ind.
Brown, Jas. H., mill & facty. supplies, 139 3d av., B'klyn, N. Y.
Brown, Jas H., Co., contractors, 511 S. 3d, Minneapolis, Minn.
Brown, Jas., Jr., & Sons, textile machy. supplies, etc., Ring & Main, Philadelphia, Pa.
Brown, Jas. W., contractor, Wakefield, R. I.
Brown, John G., contractor, Witherspoon Bldg., Phila., Pa.
Brown, John I., mchsts. & fndrs., Roaring Spring, Pa.
Brown, John & Son, granite, Barre, Vt.
Brown, John W., Mfg. Co., automobile lamps, Columbus, Ohio.
Brown, Jos., faucets, New Orleans, La.
Brown, Jos. A., architect, 778 Genesee, Buffalo, N. Y.
Brown, Jos. E., Co., cornices, 1003 Race, Philadelphia, Pa.
Brown-King Constr. Co., Commercial Trust Bldg., Phila., Pa.
Brown Knitting Co., bathing suits & sweaters, Warsaw, N. Y.
Brown-Kunze Co., lumber, Arlington, Wash.
Brown, L. K., machsts., Asotin, Wash.
Brown, L. L., Paper Co., Adams, Mass.
Brown Land & Lbr Co., Parrish, Wis.
Brown, Lewis A., Co., baskets, brooms & brushes, Boston, Mass.
Brown-Lipe-Chapin Co., automobile gears, Syracuse, N. Y.
Brown-Lipe Gear Co., auto. gears, Syracuse, N. Y.
Brown, Louis L., Co., Inc., ship builders, 30 Church, New York.
Brown & Lowe Co., contractors, Schenectady, N. Y.
Brown Lbr. Co., Cottage Grove, Ore., & West Union, S. C.
Brown Lbr. Co., Shamrock, La.
Brown Mach. & Engine Co., gas engines, Lansing, Mich.
Brown-McDonald Marchy. Co., 2323 9th, N. St. Louis, Mo.
Brown, McLaren Mfg. Co., screw mach. products, 1523 W. Fort, Detroit, Mich.
Brown, M., Co., masons' & bldrs.' matls., Wapakoneta, Ohio.
Brown, M. G., masons' & bldrs.' matls., Edenton, N. C.
Brown-Manly Plow Co., Malta, Ohio.
Brown, M. M. & D. D., lbr., Elkins, W. Va.
Brown Mfg. Co., agricultural implements, Zanesville, Ohio.
Brown Mfg. Co., cotton flannel, Concord, N. C.
Brown, Martin B., Printing & Binding Co., R. R. stationery, 39 Chambers, New York.
Brown Milling Co., flour, Charlottesville, Va.
Brown Mining Co., iron ores, Cardiff, Tenn.
Brown, Moses W., & Co., pianos, Hampton, N. H.
Brown, O. A., Co., Inc., imp. essential oils, 246H Pearl, New York
Brown, O. W., machsts., Abilene, Kans.
Brown, Old., W. E., Co., distillers, Covington, Ky.
Brown, P. J., Constr. Co., Rockefeller Bldg., Cleveland, Ohio.
Brown Packing Co., meat packers, Blairsville, Pa.
Brown Paper Co., Fort Madison, Ia.
Brown Paper Co., Ithaca, N. Y.
Brown Paper Co., 1220 Spruce, St. Louis, Mo.
Brown & Patterson, mchsts. & fndrs., 33 Marcy av, B'klyn, N. Y.
Brown, Paul R., Co., babbitt metal, 11 Warren, New York.
See adv. index at end of book.
Brown, Peter, agricultural implements, Greeley, Colo.
Brown Pollard Construction Co., Niagara Falls, N. Y.
Brown & Poole, architects, Chapman bldg., New Bedford, Mass.
Brown Portable Conveying Machy. Co., 10 S. La Salle, Chicago, Ill.
Brown, Preston & Derrick, architects, Empire Bldg., Detroit, Mich.
Brown, R. A., & Co., contractors, Washington, Ind.
Brown, R. G., & Co., archs., Grand Theatre Bldg., Columbus, O.
Brown, R. H., & Co., machsts., New Haven, Conn.
Brown, R. L., cornices, Covington, Ky.
Brown, R. M., plate glass, 1252 7th, N. W., Washington, D. C.
Brown, Robt., contractor, 115 N. 10th, Seattle, Wash.
Brown-Roberts Hardware & Supply Co., Ltd., Alexandria, La.
Brown-Rogers Co., wholesale hdwe., Winston-Salem, N. C.
Brown, Rufus H., Inc., contractor, 350 Fulton, Brooklyn, N. Y.
Brown, S., & Co., cornices & skylights, 114 E. 9th, Los Angeles, Cal.
Brown, S. E., & Co., heating contrs., Seattle, Wash.
Brown, S. N., & Co., bows, shafts, etc., Dayton, Ohio.
Brown, Samuel J., architect, Main, cor. Gardner, Higham, Mass.
Brown & Sharpe Mfg. Co., mechanics' & metal working tools, mfrs., Providence, R. I.
Brown Shingle Co., Wimauma, Fla.
Brown & Shrepferman, contrs., Continental bldg, Denver, Colo.
Brown & Sites Co., industrial railway supplies, hoists, mixers, etc., 30 Church, New York
Brown-Sinramm Co., transfer ornaments, 1 W. 34th, New York.
Brown Spring Ice Skate Co., Webster City, Ia.
Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, O.
Brown Stamping Co., cans, Toledo, Ohio.
Brown Stave Co. (Ltd), cooperage stock, Monroe, La.
Brown Stone Store Co., Waltonville, Pa.
Brown, T. O., & Son, contractors, Augusta, Ga.
Brown, T. W., & Bro., mchsts & fdrs., Chattanooga, Tenn.
Brown-Talbot Machinery Co., gas engines, Salem, Mass.

Brown, Thos., Contracting Co., 1135 Niagara, Buffalo, N. Y.
Brown Traflog Co., traffic time recorders, 6538H Carnegie av, Cleveland, Ohio.
Brown Truck Mfg. Co., Ralston, Neb.
Brown Univ. Engng. School & Coll., Prospect, Providence, R. I.
Brown & Von Beren, architects, 185 Church, New Haven, Conn.
Brown, W. A., & Co., cornices & skylights, Decatur, Ala.
Brown, W. B., Co., electric & gas light fixtures, Bluffton, Ind.
Brown, W. E., elastic hosiery, 39 Broad, Providence, R. I.
Brown, W. F., & Sons, lumber, Denham Springs, La.
Brown, W. J., architect, Am. Tr. Bldg., Cedar Rapids, Ia.
Brown, W. N., architect, Marints Ferry, Ohio.
Brown-Wales Co., jobbers, iron & steel bars, sheets & shapes, steam fitters, plumbing supplies, & whol. hdwe., 489 C, Boston, Mass.
Brown, Walter E., cornices & skylights, Shelbyville, Ind.
Brown, Walter G., front brick, Ipswich, Mass.
Brown, Ward, architect, 1725 H, N. W., Washington, D. C.
Brown & Whiteside, architects, Du Pont Bldg., Wilmington, Del.
Brown, Will G., machsts., Danville, Pa.
Brown, Willard D., archt., 45 Milk, Boston, & Lexington, Mass.
Brown, Wm., Embossing Co., calendars & signs, B'way & Elm, St. Louis, Mo.
Brown, Wm. H. H. Co., mechanical rubber gds. & mill & facty supps., Buffalo, N. Y.
Brown, Wm. M., fertilizer mfr., Cedarville, N. J.
Brown, W. P. & Sons Lbr. Co., Louisville, Ky.
Brown, Wm. R., Co., emblem & eng. adv. j'lry, 33 Eddy, Providence, R. I.
Brown, Wm. R., contractor, 2145 E. Firth, Philadelphia, Pa.
Brown & Creary Supply Co., mill & facty. supplies & machy. dlrs., 8H St. Francis, Mobile, Ala.
Brown & White Co., carriages, Bangor, Me.
Brown & Wille, contrs., Niagara Falls, N. Y.
Brown & Zortman Machinery Co., machine tools, 325 Second av, Pittsburgh, Pa.
Browne & Borum Co., steam fitters, Memphis, Tenn.
Browne & Dowd Mfg. Co., awls, knives, picks, scrapers, can openers, etc., Meriden, Conn.
Browne, F. W., brushes—fdry., mach. & facty., & boiler cleaners, Farmington, N. H.
Browne, Fredk., Co., architect, 209 W. 102d, New York.
Browne, H. R., lumber mfrs., Fosdick Bldg., Cincinnati, Ohio.
Browne, J. A., & Co., carriage rims, North Manchester, Ind.
Browne, M. C., glue, Holyoke, Mass.
Browne-Morse Co., office furniture, filing cabinets & waste baskets, Muskegon Heights, Mich.
Browne, P. Chappel, architect, Mohawk Bldg., Portland, Ore.
Browne, W. G., Mfg. Co., egg beaaters, claws, hammers, knives, can openers, etc., Kingston, N. Y.
Brownell & Burt, auto. wood bodies, 10 Wash., Taunton, Mass.
Brownell, C. H., telephone cabinet wk., Peru, Ind.
Brownell Co., boilers & engines, Dayton, Ohio.
Brownell Co., cordage & twine mfrs., Moodus, Conn.
Brownell-Drews Lumber Co., Ltd., Morgan City, La.
Brownell, G. L., textile machy., Worcester, Mass.
Brownell Improvement Co., lime, stone, Cham. of Com. Bldg., Chicago, Ill.
Brownell Machy Co., 11 Eddy, Providence, R. I.
Brownell-Mason Co., htg. contrs., Fitchburg, Mass.
Brownfield, Jas. A., planing mill, 33 W. 8th, Covington, Ky.
Browning Co., cranes, E. 162nd, Waterloo rd, N. E., Cleveland, Ohio.
Browning Lumber Co., East Palatka, Fla.
Browning, S. W., flour mills, Wytheville, Va.
Browning, Wm., cornices, Warren, Ohio.
Brownlee Co., lumber, River Rouge, Detroit, Mich.
Brownlee-Lowry Co., lumber, Sawyerville, Ala.
Brownlee Lbr. Co., Shuberta, Miss.
Brownlee Mach. Wks., Shubuta, Miss.
Brown's, G., Sons, cottonades, Mount Joy, Pa.
Brown's Insecticide Co., 203 E. 44th, New York.
Brown's Mills Sand Co. in the Pines, Brown's Mill, N. J.
Brownsville Canning Co., Forest Grove, Ore.
Brownsville Cotton Oil & Ice Co., cottonseed meal, Brownsville, Tenn.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brownville Board Co., Brownville, N. Y.
Brownville Paper Co., Brownville, N. Y.
Brownwall Engine & Pulley Co., Holland, Mich.
Broxton Fertilizer Co., Broxton, Ga.
Broyles, W. & G. D., masons' & bldrs.' matls., Palestine, Tex.
Brubaker, B. F., masons' & bldrs.' matls., Freeport, Ill.
Brubaker, O. C., architect, Mishawaka, Ind.
Brubaker & Stern, architects, Aetna Bldg., Indianapolis, Ind.
Brubaker, W. L., & Bros., dies, reamers, taps, wrenches, etc., Millersburg, Pa.
Bruce, Alex., contractor, Yonkers, N. Y.
Bruce Bros., cornices & skylights, Fort Smith, Ark.
Bruce & Cook, tin plate, metals, etc., 190 Water, New York.
Bruce, E. L., Co., hardwood flooring, Little Rock, Ark.
Bruce, Jno. J., Fdry. Co., 2421 Colerain av, Cincinnati, Ohio.
Bruce, Lawrence, contractor, North Haven, Conn.
Bruce Lumber & Mill Co., Berkeley, Cal.
Bruce-Macbeth Engine Co., Cleveland, Ohio.
Bruce, Morris M., architect, Flood Bldg., San Francisco, Cal.
Bruce, Thos. P., fndrs., Los Angeles, Cal.
Bruce, Wm., architect, Busch Hotel, Seattle, Wash.
Bruceton Milling Co., flour, Bruceton Mills, W. Va.
Bruchhauser Bros., flour mills, Anna, Ill.
Bruchhauser, Henry & Son, contractors, 130 Ellery, B'klyn, N. Y.
Brucker, Chas., contractor, Englewood, N. J.
Brucker, Michael, mchsts. & fndrs., 820 N. Lincoln, Chicago, Ill.
Bruckman Lumber Co., Allegheny, Pa.
Brueggeman, G. F. A., archt., 3d Nat'l. Bk. Bldg., St. Louis, Mo.
Bruen & Morris, masons' & bldrs.' matls., Madison, N. J.
Bruer Bros. & Co., sashes, doors & blinds, 2836 Lyndale av, S., Minneapolis, Minn.
Bruggeman, J. F., Co., contractors, 502 Avery, Pittsburgh, Pa.
Brugh, R., canned goods, Nace, Va.
Brugler, J. H., architect, Danville, Pa.
Brumback, F. C., & Son, flour mills, Luray, Va.
Brumbaugh, G. Edwin, architect, Rl. Est. Tr. Bldg., Phila., Pa.
Bruml, Hy., Co., advtg. novelties, 110 Liberty, New York.
Brun, C. B., architect, 310 E. 10th, New York.
Brundage, Avery, contractors, 110 S. Dearborn, Chicago, Ill.
Brundidge Fertilizer Co., Brundidge, Ala.
Brunell & Despard, heating contrs., Worcester, Mass.

Brunelle, Arsene, contractors, Manchester, N. H.
Brunen, Wm. B., cornices, 651 Pike Cov., Cincinnati, Ohio.
Bruner, C. C., architect, San Bernardino, Cal.
Bruner, Owen M., Co., lbr., Colonial Trust bldg., Phila., Pa.
Bruner, P. M., Granitoid Co., Frisco Bldg., St. Louis, Mo.
Brunett, Frank O., asbestos pipe coverings, 396 Smith, Brooklyn, N. Y.
Brunette, N., stone, Duck Creek, Wis.
Brunger, S., & Co., blankets, flannels (woolen), Sullivan, Ind.
Brunhoff Mfg. Co., cigar lighters, 9th & Freeman av, Cincinnati, Ohio.
Brunig, Robt., machsts., 523 Brannan, San Francisco, Cal.
Brunk Machine & Forging Co., Lorain, Ohio.
Brunkhorst, A. F., cornices, Cape Girardeau, Mo.
Brunn & Co., wood & metal auto. bodies & auto. & carriage seats, 988 Ellicott, Buffalo, N. Y.
Brunnckow, C. G., Co., cornices, 223 Globe, Providence, R. I.
Brunner, Arnold W., architect, 101 Park av, New York.
Brunner Chemical Wks., soldering flux, etc., 17 E. 3d, Cincinnati, Ohio.
Brunner, F., & Son, billiard & pool tables, 671 Communipaw av, Jersey City, N. J.
Brunner Machy. Co., 508 Brunner, Peru, Ill.
Brunner, H. J., Hdwe. & Mach. Supply Co., 1306 Grand, Kansas City, Mo.
Brunner & Lay, stone cutters' tools, 570 W. Polk, Chicago, Ill.
Brunner Mfg. Co., air compressors, Utica, N. Y.
Brunn's Carriage Mfg. Co., 1140 Main, Buffalo, N. Y.
Bruno, C., & Son, musical instruments, 351 4th av, New York.
Bruno & Petitti, contractors, 18 Tremont, Boston, Mass.
Bruns, Benedict J., architect, 3952 N. Robey, Chicago, Ill.
Bruns, H. H., architect, 845½ 26th, Milwaukee, Wis.
Bruns, J. H., Fdry., Watertown, S. D.
Bruns, Kimball & Co., marine engines dlrs., 155 W. 15th, New York.
Brunswick-Balke-Collender Co., billiard tables & balls, 29 W. 32d, New York.
Brunswick-Balke-Collender Co., store fixtures, 629 S. Wabash av, Chicago, Ill.
Brunswick Brick & Tile Co., Brunswick, Mo.
Brunswick Furniture Co., Brunswick, Md.
Brunswick Mfg. Co., machsts., Brunswick, Me.
Brunswick Marine Const. Corp., ship bldrs., 63 Wall, New York.
Brunswick Refrigerating Co., pipe bends, tanks, valves, etc., New Brunswick, N. J.
Brunswick Shipbuilding Co., Brunswick, Ga.
Brunt Tile & Porcelain Co., Columbus, O.
Brunt, Walt. N., badges, etc., 880 Mission, San Francisco, Cal.
Brunton, M. J., Jr., cornices, Springfield, Mass.
Brusa Bros., granite, Barre, Vt.
Bruser, W. H., cornices & skylights, Vicksburg, Miss.
Brush Creek Coal Mining Co., bituminous, Punxsutawney, Pa.
Brush & Engel Bldg Co., contractors, 218 Shiloh, Pittsburgh, Pa.
Brush, G. W., contractor, Northport, N. Y.
Brush, Jos., masons' & bldrs.' matls., Greenwich, Conn.
Brushlite Co., elec. lgt. plant, 255 Greenwich, New York.
Brush-McCoy Pottery Co., Zanesville, O.
Brush Mop Co., 1133 B'way, New York.
Brusher, J. B., handles, tex. machy. supplies, Norristown, Pa.
Brust & Phillipp, architects, Free Press Bldg., Milwaukee, Wis.
Brust, W. G., architect, 727 New York Block, Seattle, Wash.
Bruston Automatic Electric Lighting & Power Co., 101 Park av, New York.
Bruty, John W., contractor, 209 Washington, Boston, Mass.
Bryan, A. J., architect, Chico, Cal.
Bryan & Bippus, tubular boilers, Wheeling, W. Va.
Bryan Brick Co., Bryan, Ohio.
Bryan, Chas. K., architect, 1808 Hanover av, Richmond, Va.
Bryan & Co., contractors, Jacksonville, Fla.
Bryan Coal Co., masons' & bldrs.' matls., Galion, Ohio.
Bryan Co., signs, 2120 E. 19th, Cleveland, Ohio.
Bryan Cotton Oil Co., fertilizer mfrs., Bryan, Texas.
Bryan Cotton Oil & Fertz. Co., meal, Bryan, Tex.
Bryan, E. S., architect, Henry Bldg., Portland, Ore.
Bryan, Frank, contractor, McKees Rocks, Pa.
Bryan, H. E., cornices & skylights, Cadiz, Ohio.
Bryan, H. F., architect, 1802 W. 50th, Los Angeles, Cal.
Bryan Hardware Co. (wholesale), Bryan, O., & Westfield, Mass.
Bryan, Jas. M., paint mfrs., Wilmington, Del.
Bryan-Marsh, Division, National Lamp Works of G. E. Co., 623 S. Wabash av., Chicago, Ill.
Bryan Mfg Co., barrows, Bryan, Ohio.
Bryan, N. C., turpentine, Monticello, Fla.
Bryan Nov. Mfg. Co., folding seats, display racks, etc., Bryan, O.
Bryan Pattern & Machine Co., Bryan, O.
Bryan Show Case Co., Bryan, Ohio.
Bryant & Austin, contrs., 1650 Compton av, Los Angeles, Cal.
Bryant & Berry Co., mchsts. & fndrs., 32 Atwater, W. Detroit, Mich.
Bryant Bros Co., memorial windows, 79 E. Main, Columbus, O.
Bryant Chucking Grinder Co., Springfield, Vt.
Bryant & Detwiler, contractors, Dime Bank Bldg., Detroit, Mich.
Bryant, Edw., Co., masons' & bldrs.' matls, 23 Central, Boston, Mass., & Rockport, Me.
Bryant Elec. Co., sleeve wire connectors, 1421 State, Bridgeport, Conn.
Bryant, E. R., porcelain spec., 81 High, Boston, Mass.
Bryant Fertilizer Co., Alexandria, Va.
Bryant Furniture Co., bedstead mfrs., Truxton, N. Y.
Bryant Heater & Mfg. Co., gas heaters, 952 E. 72d, Cleveland, O.
Bryant, J. E., contractor, Ripley, N. Y.
Bryant, J. R., architect, Sweetwater, Tex.
Bryant, J. W., Co., fndrs., 2601 University av, S. E., Minneapolis, Minn.
Bryant, L. A., architect, 369 Pine, San Francisco, Cal.
Bryant Lumber & Shingle Mill Co., Seattle, Wash.
Bryant & Masten, whol. lbr., 122 S. Michigan av, Chicago, Ill.
Bryant Mfg. Co., battery coppers & zincs, 456 W. Ontario, Chicago, Ill.
Bryant Mfg. Co., wood handles, Springfield, Ohio.
Bryant Uph. Furniture Co., 1622 W. 7th, Los Angeles, Cal.
Bryant, O., & Sons, machsts., 1407 West av, Buffalo, N. Y.
Bryant Paper Co., surface coated paper, Kalamazoo, Mich.
Bryant Supply Co., masons' & bldrs.' matls., Kansas City, Mo.
Bryant & Trott Co., cornices & skylights, Santa Maria, Cal.
Bryant, W. A., & Sons Co., masons' & bldrs.' matls., Waterloo, Ia.
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Bryant's, John, Sons, carriages, 15 Austin, Boston, Mass.

Bryce Bros. Co., glass tumblers, Mount Pleasant, Pa.
Bryce Bldg. Co., Fort Worth, Tex.
Bryce Heating & Ventilating Co., Toledo, Ohio.
Bryceland Lumber Co., Ltd., Bryceland, La.
Bryden Works, The, horse shoes, Catassauqua, Pa.
Brydges, E. M., architect, 64 E. Van Buren, Chicago, Ill.
Brydson Bros., contrs., Austin, Tex.
Bryer, A. E., Contracting Co., 461 Western av, Lynn, Mass.
Brylgon Steel Casting Co., connecting rods, New Castle, Del.
Bryne, A. W., & Sons, contrs., Hartford, Conn.
Bryne, W. A., contr., West Medford, Mass.
Bryson City Pump Works Co., Bryson City, N. C.
Bryson, D. A., lumber, Montpelier, Ind.
Bryson, Thos. B., contractor, 52 Vanderbilt av, New York.
B. & S. Engraving & Die Wks., steel stamps, etc., 625 W. Jackson blvd., Chicago, Ill.
Bubeck & Guerin, poker sets, humiditors, etc., 161 W. 18th, New York.
Buch Fdry. Equipment Co., molding machs., Bridgeport, Pa.
Buchan & Co., contractors, Peoples Bk. Bldg., Pittsburgh, Pa.
Buchan, P. F., turpentine, Manley, N. C.
Buchan Soap Co., 988 Hume av, N. W., Cleveland, Ohio.
Buchanan, A., Jr., soil pipe connections, 490 Sumner av, Brooklyn, N. Y.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Buchanan & Brockway, architects, Pasadena, Cal.
Buchanan & Burns Co., manicure files, 45 Austin, Newark, N. J.
Buchanan, C. G., Chem. Co., case hardening compounds, zinc salts, etc., 4650 Buker av, Cincinnati, Ohio
Buchanan, C. G., Co., stone crushing machy., magnetic separators, etc., 90 West, New York.
Buchanan Cabinet Co., Buchanan, Mich.
Buchanan Elec. Steel Co., steel truck wheels, 80 E. Jackson blvd, Chicago, Ill.
Buchanan Fndry. Co., Lebanon, Pa.
Buchanan, Geo. J. Co., cornices & skylights, 87 Commercial Wharf, Boston, Mass.
Buchanan, J. F., & Co., outlet bushings, 1719 Chestnut, Philadelphia, Pa.
Buchanan, Jos. W., carriages, 801 E. Market, Indianapolis, Ind.
Buchanan Lbr. Co., Olympia, Wash.
Buchannon River Coal Co., Uniontown, Pa.
Buchanan, S. G., carriages, Mays Lick, Ky.
Buchanan, Thos., Co. (The), case hardening compounds, 29 W. 3rd, Cincinnati, Ohio. *See adv. index at end of book.*
Buchanan, Washington T., Crawfordsville, Ind.
Buchanan, Wm., cornices, 488 Sumner av, Brooklyn, N. Y.
Buchanan, Wm., lumber, Texarkana, Tex.
Buchanan, Wm. D., contractor, Cohoes, N. Y.
Buchanan & Smock Lumber Co., Asbury Park, N. J.
Buchel Mach. Wks., regulators, New Orleans, La.
Bucher, E. Packing Co., meat packers, Cairo, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Bucher & Smith Co., key seaters, power hack saws & arbor presses, East Liverpool, Ohio.
Bucher, Wm. M., & Son, sash, door & blind, Harrisonburg, Va.
Buchheimer, Geo. H., sporting & athletic goods mfrs., 1004 Rutland av., Balto., Md.
Buchinger, Theobold, architect, 8320 Reuton, Seattle, Wash.
Buchholtz, C., Co., machsts., Hoboken, N. J.
Buchleins', Hy., Sons, stencils, 27 Green, Newark, N. J.
Buchman & Kohn, architect, 56 W. 45th, New York
Buch's, A., Sons Co., agricultural implements, Elizabethtown, Pa.
Buchtenkirk, Geo. C., architect, 1265 B'way, New York
Buchwald, Chas. A., Lumber Co., Marshalltown, Ia.
Buck Bros., mchsts. & fdrs., edge tools, Millbury, Mass.
Buck, C. H. & Co., signs—brass, electric, glass, etc., 411 Dorchester av, Boston, Mass.
Buck, Clyde D., & Co., wood handles, Kokomo, Ind.
Buck Creek Cotton Mills, Siluria, Ala.
Buck E. A. & Co., mill & factory supplies & wholesale hdwe., etc., Willimantic, Conn.
Buck & Gallagher, stone producers, 25th & Morris, Phila., Pa.
Buck Glass Co., glass bottles, Fort av & Lawrence, Balto., Md.
Buck, H. E., Brick Mfg. Co., Lake Charles, La.
Buck, J. F., turpentine, Apalachicola, Fla.
Buck, J. M., & Co., handles—wood, Bluffton, Ind.
Buck, Lawrence, architect & archl. water colorist, 64 E. Vanburen, Chicago, Ill.
Buck, Levin T., & Co., common brick, Weems, Va.
Buck & Mullen, contractors, Muskegon, Mich.
Buck, Niels, architects & contrs., 105 S. La Salle, Chicago, Ill.
Buck, Peter E., & Sons, wholesale hdwe, masons' & bldrs.' & mill & facty. supplies., Ashland, Pa.
Buck, R. B., brick, Morris, Ill.
Buck, T., & E. R., lumber, West Sterling, Mass.
Buck, T. S., Mfg. Co., rubber stamps, 535 B'way, New York.
Buck & Toole Milling Co., flour, Bloomfield, Mo.
Buck, Werden, masons' & bldrs.' matls., Joliet, Ill.
Buckbee, J. C., Co., complete stone crushing plants, etc., 38 S. Dearborn, Chicago, Ill.
Buckelew Hardware Co., Shreveport, La.
Buckett, Arthur C., architect, 1133 Lake av, Wilmette, Ill.
Buckeye Aluminum Co., Wooster, Ohio.
Buckeye Baler Co., presses, Findlay, Ohio.
Buckeye Bedding Co., mattresses, Dayton, Ohio.
Buckeye Belting & Supply Co., 1560 W. 3d, Cleveland, O.
Buckeye Blower Co., dust collecting systems, 425 W. Town, Columbus, Ohio
Buckeye Boiler Co., tanks (all kinds), etc., Dayton, Ohio.
Buckeye Boiler Skimmer Co., Toledo, Ohio.
Buckeye Brass & Mfg. Co., hand vacuum cleaners, 6410 Hawthorne, Cleveland, Ohio.
Buckeye Builders' Supply Co., Toledo, Ohio.
Buckeye Canning Co., Continental, Ohio.
Buckeye Chemical Co., boiler compounds, 1121 Chamber of Commerce, Detroit, Mich., & Akron, Ohio.
Buckeye Churn Co., elec. washing machy., Sidney, Ohio
Buckeye Clay Pot Co., Toledo, Ohio.
Buckeye Cotton Oil Co., Gwenne Bldg., Cincinnati, Ohio.
Buckeye Cream Separators Co., Oberlin, Ohio.
Buckeye Dredging Co., sand dlrs., Kimball & Mitchell, Columbus, Ohio.
Buckeye Drill & Lathe Co., Marion rd., Columbus, Ohio
Buckeye Dryer Co., 243 North High, Columbus, Ohio.
Buckeye Elec. Wks of G. E. Co., lamps, 1806 E. 45th, Cleveland, Ohio.

Buckeye Engine Co., Salem, Ohio.
Buckeye Engine & Fdry. Co., Joliet, Ill.
Buckeye Fireclay Co., Urichsville, Ohio.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, Ohio.
Buckeye Furn. Co., Dept. H, Toledo, Ohio.
Buckeye Furnace Co., heating, 1635 E. 55th, Cleveland, Ohio.
Buckeye Handle, Gear & Bending Co., Alliance, Ohio.
Buckeye Hdwe. Co., mill & facty. supps., Findlay, O.
Buckeye Incubator Co., Springfield, Ohio.
Buckeye Ink Co., 141 E. 4th, Cincinnati, Ohio.
Buckeye Iron & Brass Works, oil mill machy., etc., Dayton, Ohio.
Buckeye Jack Mfg. Co., Alliance, Ohio.
Buckeye Lumber Co., Seattle, Wash.
Buckeye Mach. Co., Lima, Ohio.
Buckeye Mfg. Co., automobile bldrs. & machsts, Anderson, Ind.
Buckeye Mfg. & Fdry Co., gauges, butt, 2046 W. 55th, Cleveland, Ohio.
Buckeye Mfg. & Fdry Co., Overpeck, O.
Buckeye Marble Co., Hamilton, Ohio.
Buckeye Mill & Lumber Co., Jackson, Ohio.
Buckeye Paint & Varnish Co., Toledo, Ohio.
Buckeye Paste Co., 270 S. Wall, Columbus, Ohio.
Buckeye Planing Mill Co., Baltimore, Ohio.
Buckeye Products Co., The, fndry. supplies & core & parting compounds, 919-929 W. 5th, Cincinnati, O.
Buckeye Pump & Mfg. Co., mchsts. & fndrs., Columbus, Ohio.
Buckeye Ribbon & Carbon Co., Cleveland, Ohio.
Buckeye Rolling Mill Co., Newark & Steubenville, Ohio.
Buckeye Salt Co. See Pomeroy Chem. Co. (successors)
Buckeye Saw Mfg. Co., Columbus, Ohio.
Buckeye Sewer Pipe Co., Akron, Ohio.
Buckeye Stave Co., lumber, Leipsic, Ohio.
Buckeye Stamping Co., boxes, Columbus, Ohio.
Buckeye Steel Castings Co., Columbus, Ohio.
Buckeye Steel Furnace Co., Dayton, Ohio.
Buckeye Stoneware Co., potteries, Buckeye Cottage, Ohio.
Buckeye Supply Co., scrap iron & steel, Marietta, Ohio.
Buckeye Tempered Copper & Brass Co., Mansfield, Ohio.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, Ohio.
Buckeye Tool & Machine Co., drilling machines, New Philadelphia, Ohio.
Buckeye Traction Ditcher Co., trench excavating machy., Findlay, Ohio.
Buckeye Twist Drill Co., drills, reamers & special tools, Alliance, Ohio.
Buckeye Window Glass Co., Bonham av, Columbus, Ohio.
Buckeye Wrecking & Salvage Co., second hand bldg. materials, 959 W. 7th, Cincinnati, Ohio.
Buckeystown Packing Co., Buckeystown, Md.
Buckham, C. W., architect, 19 E. 32nd, New York.
Buckhannon Chemical Co., wood alcohol, Olean, N. Y.
Buckhannon Woolen Mills, flannels, Buckhannon, W. Va.
Buckie Printers' Ink Co., 714 S. Clark, Chicago, Ill.
Buckingham, C. W., architect, Jacksonville, Ill.
Buckingham, Geo. W., contractor, Grand Forks, N. D.
Buckingham & Hair, masons' & bldrs.' matls., Milford, Ohio.
Buckingham, N., & Co., coffins, caskets, etc., Bridgeport, Conn.
Buckingham, Rae, Co., garment hangers, 208 S. La Salle, Chicago, Ill.
Buckingham-Routh Co., hot water radiators, New Haven, Conn.
Buckingham, W. H., linemen's climbers, Binghamton, N. Y.
Buckingham, W. J., & Son, handles—wood, Mathiston, Miss.
Buckler, Riggin, architect, 11 E. Pleasant, Baltimore, Md.
Buckley, A. H., architect, Gloyd Bldg., Kansas City, Mo.
Buckley, Dement & Co., addressing & mailing, 1300 W. Jackson blvd., Chicago, Ill.
Buckley & Douglas Lumber Co., Manistee, Mich.
Buckley, Ellwood, contractor, Atlantic City, N. J.
Buckley, Fred, cornices & skylights, Wichita, Kans.
Buckley, J., Co., meat packers, Chester, Pa.
Buckley, J. M., & C. J., Co., contractors, 164 Federal, Boston, & 128 Vernon, Worcester, Mass.
Buckley, J. N., brass & composition fndrs., Dalton, Mass.
Buckley, Jas. J., hod elevators, 303 5th av, New York.
Buckley, Jeremiah, contractor, 2233 Creston av, New York.
Buckley, John, Hub, Spoke & Wheel Co., 969 N. 2d, Phila., Pa.
Buckley, Roland C., archt., Plymouth Bldg., Minneapolis, Minn.
Buckley, Thos. J., Constr. Co., 303 5th av., New York.
Buckley, Walter F., fndrs., 627 Filbert, Philadelphia, Pa.
Buckley, W., Rubber Co., 69 Warren, New York.
Buckley, Washington, Inc., contractor, 94 Emerson, B'klyn, N. Y.
Buckley's, B., machsts., Paterson, N. J.
Bucklin, C. R., Belting Co., Pawtucket, R. I.
Buckman & Kean Co., patent leather, Woburn, Mass.
Bucknall, Scholtz & Co., corkwood imptrs., 193 Water, New York.
Bucknell Univ. Dept. of C. E., engng. school & coll., Lewisburg, Pa.
Buckner Bros. Lbr. Co., 332 S. Michigan av, Chicago, Ill.
Buck's Stove & Range Co., 3500 N. 2d, St. Louis, Mo.
Buckstaff Co., caskets, etc., Oshkosh, Wis.
Buckstaff-Sprague Lumber Co., Morris, Wis.
Buckwalter, J. A., wholesale hdwe. & masons' & bldrs.' matls., Royersford, Pa.
Buckwalter, J. R., Lbr. Co., Union, Miss.
Buckwalter Stove Co., stove mfrs., Royersford, Pa.
Bucley Lbr. Co., Yelgar, La.
Bucoda Shingle Co., Bucoda, Wash.
Bucy, Aldo, contractor, 3020 Allendale, Pittsburgh, Pa.
Bucyrus Co., mchsts. & fndrs.; conveying machy., South Milwaukee, Wis.
Bucyrus Copper Kettle Works, Bucyrus, Ohio.
Bucyrus Mach. & Tool Co. See Browarsky-Crum Mfg. Co. (successors)
Buda Co., special truck wk. mfrs.; cars, etc., 80 E. Jackson, Chicago, Ill.
Budd, B. F., & Son, contractors, Sharon, Pa.
Budd, Edward G., Mfg. Co., sheet metal stamping & steel auto bodies, 25th & Hunting Park, Phila., Pa.
Budd Grate & Fdy. Co., 2013 Letterly, Phila., Pa.
Budd, H. T., mchsts. & fdrs., Akron, Ohio
Budd, K. C., architect, 500 5th av, New York.
Budd & Ranney Mfg. Co., machsts., Chestnut & Water, Columbus, O.
Budd Wheel Corp., Lehigh av., & 22nd, Phila., Pa.
Budde Mfg. Co., plumbers' wood work, 4 Summer, San Francisco, Cal.
Budde & Weis Mfg. Co., bank, office & store fixtures, Jackson, Tenn.
Budde & Westermann, match mfrs., tin foil, 7th av & 29th, New York.
Buddenbaum Lbr. Co., Indianapolis, Ind.
Buddy, Phil. P., Bldg. & Constr. Co., St. Joseph, Mo.
Budge, Frank T., Co., wholesale hdwe., Miami, Fla.
Buebendorf Bros., flint pebbles, Produce Exch., New York.
Buecheé, Frank, & Co., contractors, 13 Lippincott, Cincinnati, O.
Buechele Iron & Tool Wks. Co., mchsts. & fndrs., 4127 Liberty av, Pittsburgh, Pa.
Buecker, Henry F., mach., Newport, Ky.
Buehler, G., & Co., furniture, Dept. H, Allentown, Pa.
Buehne Steel Wool Co., 93 Nassau, New York.
Buehner, A. Decorators' Supply Co., St. Louis, Mo.
Buehner Lbr. Co., North Bend, Ore.
Buehrle, German B., masons' & bldrs.' matls., Youngstown, Ohio.
Buell, Benning C., architect, 449 Main, Buffalo, N. Y.
Buell Bros., hdwe. mfrs., Clinton, Conn.
Buell Bros., radiator trucks, Fulton, N. Y.
Buell, C. S., Co., cornices, 198 4th av, Brooklyn, N. Y.
Buell Mfg. Co., woolen blankets & flannels, St. Joseph, Mo.
Buell, Ward S., contractor, Albion, N. Y.
Buena Vista Foundry Co., machsts. & fndrs., Buena Vista, Va.
Buemming & Guth, architects, 521 Jackson, Milwaukee, Wis.
Buente, Louis C., stone, 3656 Sp. Grove av, Cum., Cincinnati, O.
Buerkel & Co., mill & facty. supplies, 24 Union Park, Boston, Mass.
Buerkens Mfg. Co., machsts. & fndrs., Pella, Ia.
Buerkin & Kaempen, contractors, Quincy, Ill.
Buermann, Aug., Mfg. Co., machsts., hdwe. mfrs., 220 Jeliff av, Newark, N. J.
Buerger, A. J., Jr., architect, 4819 Gladys av, Chicago, Ill.
Buerstrin Constr. Co., 567 E. Water, Milwaukee, Wis.
Buescher Band Instrument Co., Elkhart, Ind.
Buesching & Hagerman, contractors, Fort Wayne, Ind.
Buess, Wm., marble interior wk., 312 E. 95th, New York.
Buettner Shelburne Mach. Co., machsts., Terre Haute, Ind.
Buff & Buff Mfg. Co., current meters; architects & engineers' instruments, 98 Green, Jamaica Plain, Mass.
Buffalo Asbestos Co., pipe covering, 64 Delaware av, Buffalo, N. Y.
Buffalo Automatic Mfg. Co., paper clips & fasteners, 165 Pearl, Buffalo, N. Y.
Buffalo Bath Cabinet Co., 435 William, Buffalo, N. Y.
Buffalo Belt Dressing Co., Buffalo, N. Y.
Buffalo Belting Wks., 18 Ellicott, Buffalo, N. Y.
Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
Buffalo Bolt Co., Buffalo, N. Y.
Buffalo Box Factory, Buffalo, N. Y.
Buffalo Brake Beam Co., machsts. & fndrs., 32 Nassau, New York.
Buffalo Brass Fdry., Buffalo, N. Y.
Buffalo Brick Co., Kansas City, Mo.
Buffalo Can & Bottle Filling Machine Co., 59-61 Terrace, Buffalo, N. Y.
Buffalo Car Wheel Fndry Co., Dun Bldg., Buffalo, N. Y.
Buffalo Cement Co., 110 Franklin, Buffalo, N. Y.
Buffalo Chemical Fire Extinguisher Co., 67 Carroll, Buffalo, N. Y.
Buffalo Contrs. Equip't Co., concrete mixers, 1443 Niagara, Buffalo, N. Y.
Buffalo Co-operative Stove Co., Buffalo, N. Y.
Buffalo Corr. Container Co., 25 Imson, Buffalo, N. Y.
Buffalo Crushed Stone Co., Ellicott sq., Buffalo, N. Y.
Buffalo Cut Glass Co., Batavia, N. Y.
Buffalo Davenport Bed Co., 15 Bradley, Buffalo, N. Y.
Buffalo-Dehn Co., picture books, 70 W. Chippewa, Buffalo, N. Y.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Buffalo Dredging Co., Morgan Bldg., Buffalo, N. Y.
Buffalo Dry Dock Co., machinists, Buffalo, N. Y.
Buffalo Eagle Coal Co., Braeholm, W. Va.
Buffalo Engine Co., machinists, Buffalo, N. Y.
Buffalo Engng. Co. Erie Co., Bank Bldg., Buffalo, N. Y.
Buffalo Envelope Co., 268 Mich. av, Buffalo, N. Y.
Buffalo Expanded Metal Co., 120 Hardwood pl, Buffalo, N. Y.
Buffalo Fertilizer Works, Marine Bank Bldg., Buffalo, N. Y.
Buffalo Fire Door Co., 15 W. Swan, Buffalo, N. Y.
Buffalo Flour Milling Co., Central Tr. Bl., Philadelphia, Pa.
Buffalo Forge Co., elec. disc fans; machsts. & fndrs., Buffalo, N. Y.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book.
Buffalo Galvanizing & Tinning Wks., 49 Jackson, Buffalo, N. Y.
Buffalo Gas Co., gas retort carbons, Buffalo, N. Y.
Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.
Buffalo Gasoline Motor Co., Buffalo, N. Y.
Buffalo Gear & Pattern Wks., machsts., 18 Elk, Buffalo, N. Y.
Buffalo Glass Co., 101 Seneca, Buffalo, N. Y.
Buffalo Grille Co., wood turning, 270 Court, Buffalo, N. Y.
Buffalo Hardwood Lbr. Co., 940 Seneca, Buffalo, N. Y.
Buffalo Hoist & Derrick Co., buckets, etc., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
Buffalo House Wrecking & Salvage Co., scrap iron, etc., Sycamore & Erie R. R., Buffalo, N. Y.
Buffalo Incubator Co., 543 Seneca, Buffalo, N. Y.
Buffalo Jewelry Case Co., Buffalo, N. Y.
Buffalo Knife Co., Buffalo, N. Y.
Buffalo Lamp Co., 110 B'way, Buffalo. N. Y.
Buffalo Last Wks., clogs, 4 Lock, Buffalo, N. Y.
Buffalo Litholite Co., stone, Main & Amherst, Buffalo, N. Y.
Buffalo Mach. Mfg. Co., Buffalo, N. Y.
Buffalo Mfg. Co., water cooler filters, etc., Buffalo, N. Y.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Buffalo Metal Goods Co., oil & grease cup lubricators, 196 Winchester av, Buffalo, N. Y.
Buffalo Meter Co., disc & water meters, 2921 Main, Buffalo, N. Y.
See adv index at end of book.
Buffalo Mill Supply Co., 210 Main, Buffalo, N. Y.
Buffalo Nipple & Mach. Co., Inc., 335 Glenwood av, Buffalo, N. Y.
Buffalo Non-Ferrous Casting & Mfg. Co., 45 Letchworth, Buffalo, N. Y.
Buffalo Oil & Compound Co., Buffalo, N. Y.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Buffalo Paragon Wall Plaster Co., Ellicott sq., Buffalo, N. Y.
Buffalo Pattern Wks., 830 Hertel av, Buffalo, N. Y.
Buffalo Pitts Co., agricultural implements, Buffalo, N. Y.
Buffalo Plumbing Supply Co., 665 Fillmore av, Buffalo, N. Y.

Buffalo Porcelain Enameling Corp., signs, etc., 1927 Elmwood av, Buffalo, N. Y.
Buffalo Pottery, Buffalo, N. Y.
Buffalo Pressed Steel Co., 800 Kensington av, Buffalo, N. Y.
Buffalo Printing Ink Wks., 348 Ellicott, Buffalo, N. Y.
Buffalo Refining Co., petroleum, 77 Main, Buffalo, N. Y.
Buffalo Refrigerating Mach. Co., 126 Liberty, New York.
Buffalo Sandstone Brick Co., Buffalo, N. Y.
Buffalo Scale Co., 1205 Niagara, Buffalo, N. Y.
Buffalo Sled Co. (See Auto-Wheel Co., Inc., successors), children's sleds, coaster wagons, etc., N. Tonawanda, N. Y., & 108 Chambers, New York
Buffalo Smelting Wks., 1 Austin, Buffalo, N. Y.
Buffalo Specialty Co., hdwe. mfrs., machsts., 375 Ellicott, Buffalo, N. Y.
Buffalo Springfield Roller Co., road machines & graders, Springfield, Ohio.
Buffalo Steam Pump Co., machsts. & fndrs., Buffalo, N. Y.
Buffalo Steel Co., Tonawanda, N. Y.
Buffalo Stretcher Mfg. Co., 1422 Niagara, Buffalo, N. Y.
Buffalo & Susquehanna Coal & Coke Co., bituminous, Du Bois, Pa.
Buffalo Structural Steel Co., Buffalo, N. Y.
Buffalo Thermometer Co., 297 B'way, Buffalo, N. Y.
Buffalo Tool & Supply Co., mill & facty supps., Buffalo, N. Y.
Buffalo Toy Co., 10 Elk, Buffalo, N. Y.
Buffalo Trunk Mfg. Co., Buffalo, N. Y.
Buffalo Union Furnace Co., ft. Hamburg, Buffalo, N. Y.
Buffalo Waste Paper Co. scrap iron, rubber, etc., 98 Terrace, Buffalo, N. Y.
Buffalo Weaving & Belting Co., rubber goods, cotton webbing, skate straps, etc., Buffalo, N. Y.
Buffalo Wholesale Hardware Co., 317 Washington, Buffalo, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv. index at end of book
Buffalo Woven Label Wks., 565 Washington, Buffalo, N. Y.
Buffelen Lbr. & Mfg. Co., Tacoma, Wash.
Buffington, Arthur E., contractor, New Bedford, Mass.
Buffington, C. A., & Co., auto. seats, Berkshire, N. Y.
Buffington, I. T., sash, door & blind, Elizabethville, Pa.
Buffington Wheel Co., Burlington, Ia.
Buffum Tool Co., bricklayers' chisels, South Side, Louisiana, Mo.
Buford Bros., wholesale hardware, Nashville, Tenn.
Bugbee, Arthur S., architect, Sharon bldg., San Francisco, Cal.
Bugbee, E. A., Co., granite, Barre, Vt.
Bugbee, H. A., fertilizer mfrs., Willimantic, Conn.
Bugbee, Newton A. K., & Co., contractors, Trenton, N. J.
Buhl, G. A., Co., steam dryers, 116 S. Green, Chicago, Ill.
Buhl Malleable Co., castings, Wight & Adair, Detroit, Mich.
Buhl, Sons Co., whol. hdwe. & mill & facty. supplies, 103-119 Woodbridge, W., Detroit, Mich.
Buhl Stamping Co., cans, tin plate mfrs., etc., Scotten & M. C. R. R., Detroit, Mich.
Buhler Mill & Elevator Co., Buhler, Kan.
Buhlmann, A. W., textile machy. & supplies, 200 5th av, New York.
Buhner, F. F., fertilizer, Seymour, Ind.
Buhner, Rudolph F., machsts. & fndrs., Seymour, Ind.
Buhr Mfg. Co., agricultural implements, Washington, Mo.
Buhr, Pfaff & Co., confectioners' machy., 2d & Race, Cincinnati, Ohio.
Buhring Water Purifying Co., 68 Murray, New York.
Buhrke, R. H., Co., tool bags, steel balls, jack-straps, etc., 1250 Fullerton av., Chicago, Ill.
Buhrman, J. B., & Son, canned goods, Gala, Va.
Buhrman, Pharr Hdwe. Co., Texarkana, Ark.
Buick Motor Co., Flint, Mich.
Buie, J. C., sashes, doors & blinds, Burnt Fort, Ga.
Builder & Contractor, trade publications, Los Angeles, Cal.
Builders' Brick Co., 118 N. La Salle, Chicago, Ill., and Seattle, Wash.
B'ldrs.' Brick Mfg. Co., Hooper, Neb.
Builders Brick & Mfg Co., Kansas City, Mo.
Builders' Brick & Supply Co., masons' & bldrs.' matls., 172nd & West Farms rd, New York.
Building Const. Co., 343 S. Dearborn, Chicago, Ill.
Builders' Construction Co., 540 N. Meridian, Indianapolis, Ind.
Builders' General Supply Co., masons' & bldrs.' matls., Darby & Scott, Columbus, O.
Builders' Guide (Building News Publishing Co.), H, Perry Bldg., Phila., Pa.
Builders' Iron Foundry, water pipe fittings, meters, controllers, guages, polishing machinery, pull counter shafts, etc., 9 Codding, Providence, R. I.
Builders' Iron & Steel Co., 262 Bridge, E. C., Boston, Mass.
Builders' Iron Wks. Co., bank railings, 1815 University av, Minneapolis, Minn.
Builders' Lime & Cement Co., Davenport, Ia.
Builders' Lumber & Supply Co., contrs., W. 73d & Denison, Cleveland, Ohio.
Builders' Lumber & Supply Co., Macon, Ga.
Builders' Mfg. Co., sash, door & blind mfrs., 828 N. Wells, Chicago, Ill.
Builders' Material Supply Co., Republic Bldg., Kansas City, Mo.
Builders' Material Supply Co., Center, Newark, N. J.
Builders' Mutual Supply Co., Savannah, Ga.
Builders' Steel Product Co., culverts, 1210 Fidelity, Philadelphia, Pa.
Builders' Supply Co., sash, door & blind mfrs., 2228 W. Mad., Chicago, Ill.
Builders' Supply Co., sash, door & blind, Everett, Wash.
Builders' Supply Co., Gaffney, S. C.
Builders' Supply Co., Los Angeles, Cal.
Builders' Supply Co., San Antonio, Tex.
Builders' Supply Co., Shreveport, La.
Builders' Supply Corp., door & house bells (rotary), 342 E Wash., Indianapolis, Ind.
Builders' Supply Depot, 42 8th, San Francisco, Cal.
Bldg. Age, trade publication, 912 Broadway, New York.
Building Material Co., 212 East av, Rochester, N. Y.
Building Products Co., builders' supplies, 67 E. Long, Columbus Ohio
Building Products Corp., masons' & bldrs.' mtls., Savannah, Ga.
Building Ser. Bureau, architect, 1336 Brush, Detroit, Mich.
Building Specialties Co., Inc., masons' & bldrs.' matls., Rochester, N. Y.
Building Supplies Corp., Norfolk, Va.
Building Supply News, trade journal, 610 Federal, Chicago, Ill
Building Pub. Co., News, Perry Bldg., Phila., Pa.
Building Service Bureau, architest, 210 Brush, Detroit, Mich.
Buildings Equipment Mfg. Co., elec. safety devices, 175 W. Jackson Blvd., Chicago, Ill.
Buissono Bros. Mfg. Co., machinists, 3351 Parnell, Chicago, Ill.
Bulasky, L., hatters' machy., 44 E. Houston, New York.
Bulger, C. W., & Son, architects, Praetorian Bldg., Dallas, Tex.
Bulger, Wm., Varnish Co., 3053 E. 87th, Cleveland, Ohio.
Bulis, J. C., Mfg. Co., paper boxes, 1122 S. 12th, St. Louis, Mo.
Bulkley, Dunton & Co., paper & pulp mills & wood pulp, importers, 75 Duane, New York.
Bulkley, Hy. W., heaters, Orange, N. J.
Bulman, E. O. Mfg. Co., bottle openers, Grand Rapids, Mich.
Bull, A. H. & Co., ship brkr., 40 West, New York.
Bull Dog Lock Washer Co., 269 S. 7th, Baltimore, Md.
Bull, Edward H., contractor, Waltham, Mass.
Bull, Edwin C., bldg. contractor, Waltham, Mass.
Bull, Norris L. (advertising counsellor), 721 Main, Hartford, Conn.
Bull Run Talc & Soapstone Co., Clifton Station, Va.
Bull Tractors, Madison Motors Corp., 620 S. 3rd, Minneapolis, Minn.
Bullard Brick Co., Jackson, Miss.
Bullard & Bullard, architects, Unity Bldg., Springfield, Ill.
Bullard, Clarke W., architect, Peoria Life Bldg., Peoria, Ill.
Bullard Co., maps, 326 Bacon, Boston, Mass.
Bullard, Elizabeth, landscape architect, 472 Park pl, Bridgeport, Conn.
Bullard & Gormley Co., whol. hdwe., 175 N. State, Chicago, Ill.
Bullard, George Wesley, architects, Provident Bldg., Tacoma, Wash.
Bullard, Hoagland & Benedict, lumber & masons' & bldrs.' matls., Omaha, Neb.
Bullard Machine Tool Co., boring & turning machines, Bridgeport, Conn.
Bullard, Robt. A., architect, Unity Bldg., Springfield, Ill.
Bullard, Samuel A., architect, Unity Bldg., Springfield, Ill.
Bullard Spec. Co., roof flanges, Tiffin, Ohio.
Bullard Spec. Co., speed indicators, Springfield, Mass.
Bullard, W. H., Thread Co., Holyoke, Mass.
Bullards, Rogers H., architect, 15 W. 38th, New York.
Bullderick, Fred E., mattresses, Dempsey & C. H. & D. R. R., N. Fairmount, Cincinnati, Ohio.
Bullen, H. B., Lumber & Coal Co., masons' & bldrs. matls., Stillwater, Okla.
Buller Brush Co., Hartford, Conn.
Bulley & Andrews, contractors, 25 N. Dearborn, Chicago, Ill.
Bullington Engineering Wks., Union av & East Ankeny, Portland, Ore.
Bullochville Home Mixture Guano Co., Bullochville, Ga.
Bullock, C. K., & Co., screw cutting dies, mill pick grinders, etc., 1357H Ridge av, Phila., Pa.
Bullock, E. C. A., architect, 190 N. State, Chicago, Ill.
Bullock, John S., Lime & Cement Co., masons' & bldrs.' matls., Westwood & Whitmore av, Baltimore, Md.
Bullock Mfg. Associates, jewelers' & hdwe. tools mfrs., Springfield, Mass.
Bullock, T. H., Mfg. Co., blacksmiths' bellows, Cleveland, Ohio.
Bullock Tractor Co., 1801 Diversey Parkway, Chicago, Ill.
Bull's Ferry Chemical Co., dyes & dyestuffs, Edgewater, N. J.
Bulls Gap Canning Co., Bulls Gap, Tenn.
Bulow Turpentine Co., Bulow, Fla.
Bultman, F. H., Co., gears, 2108 Superior via Cleveland, Ohio.
Bumby, H. E., scrap iron & steel, Bessemer, Ala.
Bumby, Jos., Hardware Co., Orlando, Fla.
Bumann Mfg. Co., oil cans, razor stroppers, traps, Litchfield, Ill.
Bumpass Coop Co., poultry coops, Bumpass, Va.
Bumps Paper Fastener Co., La Crosse, Wis.
Bumstead, F. E., machinists, Colorado Springs, Colo.
Bumstead, F. F., machinist, Ontario, Cal.
Bunce Art Glass Co., Richmond, Va.
Bunce, J. Oscar, architect, 101 Park av, New York.
Bunck, Jno. J., & Co., brushes, brooms, 155 Chambers, New York.
Bunday Lbr. Co., Linesville, Pa.
Bundo Bros., contractors, 1018 E. 75th, Chicago, Ill.
Bundy Mfg. Co., machinists, Endicott, N. Y.
Bundy, W. H., Recording Co., time recorders, 135 5th av, New York.
Bungalow Craftsman Co., portable houses, Seattle, Wash.
Bungardner, L. A., Co., contractors, Scandn.-Amer. Bk. Bldg., St. Paul, Minn.
Bunger & Scheidegger, machinists, Cleveland, Ohio.
Bungert, P. J., architect, Rockville Center, N. Y.
Bunker-Culler Lumber Co., Bunker, Mo.
Bunker, G. W., Co., contractors, Grand Rapids, Mich.
Bunker Hill Canning Co., Bunker Hill, Ind.
Bunker Hill & Sullivan, M. & Co., lead, Crocker bldg, San Fransisco, Cal.
Bunker Shingle Co., Bunker, Wash.
Bunker & Savage, architects, Augusta, Me.
Bunkie Brick Works, Ltd., Bunkie, La.
Bunn & Nase, contractor, 1123 B'way, New York.
Bunnecke, Geo., & Sons, contractors, 2 E. Lexington, Baltimore, Md.
Bunnell, J. H., & Co., batteries, alarms, etc., 32 Park pl, New York.
Bunnell, W. H., washers, plugs, cups, 178 Centre, New York.
BUNTING BRASS & BRONZE CO., finished bronze bushings & bearings, 738 Spencer, Toledo, Ohio.
See adv index at end of book.
Bunting Hardware Co., 810 Walnut, Kansas City, Mo.
Bunting Iron Works, 1st National Bk. Bldg., San Francisco, Cal.
Bunting, J. R., Bedding Co., 1505 Wharton, Philadelphia, Pa.
Bunting Publication, Inc., trade publication, 9 S. Clinton, Chicago, Ill.
Bunting & Shrigley, architects, 603 Chestnut, Philadelphia, Pa.
Bunting Stamps Co., 713 Liberty av, Pittsburgh, Pa.
Bunton & Bernard, contractors, Manchester, N. H.
Buob & Scheu, machsts. & auto. wood bodies, 216 Webster, Cincinnati, Ohio.
Buonanno & Marcello Co., contractors, 583 Laurel Hill av, Providence, R. I.
Buoy, Jno. Y., Co., wholesale hardware, mill & facty. supps., Milton, Pa.
Burbank, Ralph N., architect, 75 State, Boston, Mass.
Burbank & Ryder, paint & varnishes, Boston, Mass.
Burbank Thawing Mach. Co., 355 Warren, Box, Boston, Mass.
Burch, F. J., Mfg. Co., tents, Pueblo, Colo.

Burch, F. S., & Co., sheep dips, disinfectants, 152 W. Huron, Chicago, Ill.
Burch, Horace O., contractors, New London, Conn.
Burch Plow Wks. Co., Crestline, Ohio.
Burchartz Fireproofing Co., 26 Cortlandt, New York.
Burcher & Robinson, contractors, Scranton, Pa.
Burchett & Billings, lbr., Austin, N. C.
Burchfield, T. T., Co., machinery dlrs., 54 N. 6th, Phila., Pa.
Burchwell Mfg. Co., lamps, Pontiac Bldg., St. Louis, Mo.
Burckard Blacking & Oil Co., shoe blacking, 1322 Greenmount av, Baltimore, Md.
Burckard, Wm. A. & Co., elec. supp., Norfolk, Va.
Burckhardt & Co., tallow oils, Cincinnati, Ohio.
Burd, Chas. E., contractor, Red Bank, N. J.
Burd Construction Co., Canton, Ohio.
Burd High Compression Ring Co., Rockford, Ill.
Burden Iron Co., horse shoes, Troy, N. Y.
Burdett Chair Mfg. Co., furniture, rattan & reed, Keene, N. H.
Burdett Mfg. Co., cotton mops & rope, Kansas City, Mo.
Burdett Mfg. Co., oxy-acet. welding apparatus, 309 St. Johns Ct., Chicago, Ill.
Burdett-Rowntree Mfg. Co., dumb waiters, Hoboken, N. J.
Burdett, Smith & Co., hot air furnaces, Troy, N. Y.
Burdette Cooperage Co., Burdette, Ark.
Burdick, A. W., architect, Oskaloosa, Ia.
Burdick, A. W., & Co., cornices & skylights, Memphis, Tenn.
Burdick Cabinet Co., 15 E. Washington, Chicago, Ill.
Burdick Enamel Sign Co., 220 S. State, Chicago, Ill.
Burdick, L. F., Co., heating contractors, 2011 Adams, Toledo, O.
Burdick & Son, stove trimmings, stampings, etc., Albany, N. Y.
Burdick, W. T., contr., Rock Falls, Ill.
Burdie Bros., brick, Glasgow, Mo.
Burdin, J. J., & Bro., lumber & saw mill, St. Martinville, La.
Burditt Bros., masons' & bldrs.' matls., Rutland, Vt.
Burditt & Williams Co., whol. hdwe., 95 Summer, Boston, Mass.
Burdsal, A., Co., paint mfrs.; wood stains & fillers, etc., Indianapolis, Ind.
Burdsall, Wm. H., contractor, Lansdowne, Pa.
Bureau Bros., architect'l bronze fndrs., 23d & Westmoreland, Philadelphia, Pa.
Burg, L., Carriage Co., Dallas City, Ill.
Burgan, Wm. M., lumber mfrs., American bldg., Baltimore, Md.
Burgard, Henry P., Co., contractors, 1968 Fillmore av, Buffalo, N. Y.
Burge Mach. Wks., 230 N. Jefferson, Chicago, Ill.
Burge & Stevens, architects, Atlanta Trust Bldg., Atlanta, Ga.
Burger & Baumgard, whol. hdwe., 88 White, New York.
Burger Boat Co., motor boat, launch & yacht bldrs., Manitowoc, Wis.
Burger & Gohlke, cornices, 232 7th, Brooklyn, N. Y.
Burger, H. B., Jr., ship bldrs., Manitowoc, Wis.
Burger Iron Co., Akron, Ohio.
Burger, Wm., masons' & bldrs.' matls., Boonville, Mo.
Burgeson, C. F., contractors & dock bldrs., Tacoma, Wash.
Burgess Battery Co., dry batteries, Madison, Wis.
Burgess, C. F., Laboratories, chem. engineers & elec. lamp flashlights, Madison, Wis.
Burgess, C. H., stone producers, Euclid Quarries, Cleveland, O
Burgess, Chas. V., architect, Security Tr. Bldg., Lynn, Mass.
Burgess Co., aeroplanes & supplies, Marblehead, Mass.
Burgess & Co., potters' supplies, East Liverpool, Ohio.
Burgess Construction Co., Hartford, Conn.
Burgess, D. H., & Co., masons' mtls. & railroad equipt., Petersburg, Va.
Burgess, Fobes & Co., white lead & paint mfrs., Portland, Me.
Burgess-Granden Co., electric & gas light fixtures, Omaha, Neb.
Burgess, Jas., cornices, 254 Prairie av, Providence, R. I.
Burgess, Jas. S., lumber mfrs., Marathon, N. Y.
Burgess & Long, chemical engrs., Columbus Savings & Trust Bldg., Columbus, Ohio.
Burgess, M. W. & J. G., flour mills, Reader, W. Va.
Burgess Mach. Co., New Haven, Conn.
Burgess & Norton Mfg. Co., hardware & hatchets, Geneva, Ill.
Burgess, R. B., architect, Sanford, Maine.
Burgess Soldering Furnace Co., Columbus, Ohio.
Burgess, W. Starling, Co. (Ltd.), naval architects, Marblehead, Mass.
Burgett, L. A., & Co., contractors, Lorain, Ohio.
Burggraf, C. H., architect, Albany, Ore.
Burgin & Co., Inc., gauge glasses, fibre gaskets, packing, etc., 487 B'way, New York.
Burgin Packing Co., canned goods, Cincinnati, Ohio.
Burgin, W. Jay, bldg. contr., Long Beach, Cal.
Burglar Proof Lock & Hdwe. Corp., 75 Fulton, New York.
Burgmann, Feodor, packing mfr., 26 Cortlandt, New York.
Burgmaster, Daniel, heating contractor, 70 Del. av, Buffalo, N. Y.
Burgren, Albert W., architect, 30 Woodland av, San Francisco, Cal.
Burgy, F. F., machsts. & fndrs., Edgerton, Wis.
Burham Safety Razor Co., 388 Hudson, New York.
Burhans & Black Co., wholesale hdwe., mill & facty. supplies, Syracuse, N. Y.
Burhans, Lewis, contractor, Newburgh, N. Y.
Burhorn, Edwin, Co., water cooling towers, 71 Wall, New York.
Burk, Alan R. H., Mfg. Co., copper sinks, 2260 Philip, Phila., Pa.
Burk & Bottomley, architects, 34 School, Boston, Mass.
Burk Construction Co., New Castle, Ind.
Burk & Dufrechon, architects, 808 Perdido, New Orleans, La.
Burk, Frank, contractor, New Castle, Ind.
Burk, Louis, meat packers, Girard & 3d, Philadelphia, Pa.
Burk Machine Tool Co., Conneaut, Ohio.
Burk, Michael F., architect, 333 Union, Lynn, Mass.
Burk, Wm. B., & Co., sponges, chamois, 6th & Arch, Phila., Pa.
Burke, Andrus, Sand Co., Fort Smith, Ark.
Burke, Augustus, Roofing Co., roofing felts, 2621 N. Halsted, Chicago, Ill.
Burke Bros., granite, Barre, Vt.
Burke Construction Co., Fort Smith, Ark.
Burke County Oil & Fertilizer Co., Waynesboro, Ga.
Burke, D. F., contractor, 7 Alden, Boston, Mass.
Burke, E. J., architect, Eureka, Cal.
Burke Elec. Co., mfrs. of electrical machinery, Erie, Pa.
Burke Engng. Co., combustion engnrs., 49 Westminster, Providence, R. I.
Burke Furnace Co., locomotive stokers & smokeless furnaces, 320 N. Water, Chicago, Ill.
Burke Garden Mills, flour, Burke Garden, Va.
Burke Golf Co., Newark, Ohio.
Burke, John F., whole. lbr., 29 W. 42d, New York.
Burke, J. J., & Co., contractors, Kearns Bldg., Salt Lake City, Utah.
Burke, Jas. J., contractors, 336 Katherine, Buffalo, N. Y.
Burke, John R., contractor, 78 Devonshire, Boston, Mass.
Burke, Jos. F., Co., contrs., Plainfield, N. J.
Burke Mfg. Co., razor stroppers, Dayton, Ohio.
Burke & Olsen, architects, 32 Court, B'klyn, N. Y.
Burke, P. J., Monumental Works, Washington C. H., Ohio.
Burke Shingle Co., Anacortes, Wash.
Burke, Smith & Nelson, contractors, Muskegon, Mich.
Burke, T. C., masons' & bldrs.' matls., Macon, Ga.
Burke, Timothy, contractor, Scranton, Pa.
Burke, Wm. B., Steel Co., 3 Sherer, Rochester, N. Y.
Burke, W. J., contractor, Lyndhurst, N. J.
Burkett Lightning Rod Co., Fremont, Ohio.
Burkett Mfg. Co., oil engines & baling presses, 162 W. Spring, Columbus, Ohio.
Burkettsville Canning Co., Burkettsville, Ohio.
Burkeville Lbr. Co., Inc., Burkeville, Va.
Burkley Envelope & Printing Co., Omaha, Neb.
Burkhard, Thos., stills, 494 Flushing av, Brooklyn, N. Y.
Burkhardt Furn. Co., Dept. H, Miamisburg, Ohio.
Burkhardt, G., Mfg. Co., cornices, 2123 N. Clark, Chicago, Ill.
Burkhardt, Hy., Packing Co., meat packers, Dayton, Ohio.
Burkhardt, Jacob, common brick, Waterloo, Ill.
Burkhardt, John, bronze doors, gates, door hangers, 531 W. 55th, New York.
Burkhardt Packing & Provn. Co., Denver, Colo.
Burkhardt, W. A., flour mills, Vinegrove, Ky.
Burkhardts, Geo. J., Sons, wood tanks, Drexel Bldg., Phila., Pa.
Burkhart, E. F., elec. contr., Palo Alto, Cal.
Burkhartsmeir, Daniel, Cooperage Co., 7254 S. Chicago av, Chicago, Ill.
Burkhead, G. W., architect, Iowa Bldg., Sioux City, Ia.
Burkholder, I. C. & Son, canned goods, Buchanan, Va.
Burkholder Lumber Co., 917 Marquette av, Minneapolis, Minn.
Burkholder, Sam'l, Lbr. Co., Crawfordsville, Ind.
Burkley, Geo. F., canned goods, Belcamp, Md.
Burks, P. I., & Co., pianos, Louisville, Ky.
Burleigh, R., & Sons, wood handles, Dermott, Ark.
Burleson, J. E., Mica Co., Spruce Pine, N. C.
Burlew Hardware Co., Charleston, W. Va.
Burley Heater Co., Tyrone, Pa.
Burley, Jas. L., architect, 363 Lexington av, New York.
Burley Welding Wks., machsts., 20 Kosciusko, B'klyn, N. Y.
Burley & Winter Pottery Co., Crooksville, Ohio.
Burlingame, A., Co., mill & facty. supplies, Worcester, Mass.
Burlingame & Darby's Co., masons' & bldrs.' matls., mill & facty. supplies, & wholesale hdwe., North Adams, Mass.
Burlingame Mfg. Co., clothes washer, Syracuse, N. Y.
Burlingame, S. F., kerosene & gasoline engine mfrs., Worcester, Mass.
Burlingame, Walter E., assayers, Denver, Colo.
Burlington Basket Co., Burlington, Ia.
Burlington Blanket Co., Burlington, Wis.
Burlington Brass Works, mchsts. & fdrs., Burlington, Wis.
Burlington Brick & Tile Co., Burlington, Wis.
Burlington Buggy Co., Burlington, Ia.
Burlington Coffin Co., Burlington, N. C.
Burlington Construction Co., Burlington, Ia.
Burlington County Farmers' Exchange, fertilizer mfrs., Mt. Holly, N. J.
Burlington Flouring Co., Burlington, Vt.
Burlington Granite Co., Burlington, Vt.
Burlington Grocery Co., masons' & bldrs.' matls., Burlington, Vt.
Burlington Iron Store Co., Burlington, Ia.
Burlington Lumber Co., Burlington, Ia.
Burlington Rendering Co., Burlington, Vt.
Burlington Soap Co., Burlington, Ia.
Burlington Supply Co., fertilizer mfrs., Burlington, N. J.
Burlington Venetian Blind Co., Burlington, Vt.
Burlington Vinegar & Pickle Wks., Burlington, Ia.
Burlington Watch Co., 19th & Marshall blvd., Chicago, Ill.
Burlington Willow Ware Shops, baskets, Burlington, Ia.
Burmite Roofing Co., Argo, Ill.
Burms Co., contractors, 952 Main, Bridgeport, Conn.
Burn-Boston Battery & Mfg. Wks., 134 State, Boston, Mass.
Burnap, George, landscape architect, 808 17th, N. W., Washington, D. C.
Burner, Owen M., Co., lumber mfrs., Land Title Bldg., Phila., Pa.
Burnet Co., mill & facty. supplies, 69 South, New York.
Burnett Bag & Burlap Co., Bklyn, Baltimore, Md.
Burnett Bros., granite producers, Milford, N. H.
Burnett Canning Co., Burnett, Ind.
Burnett, E. architect, 405 Lexington av, New York.
Burnett Engineering & Constr. Co., 501 W. 145th, New York.
Burnett Foundry & Machine Works (Ltd.), Petoskey, Mich.
Burnett, Geo. B., & Son, palm leaf hats, 36 W. 4th, New York.
Burnett, J. H., Iron Wks., Fresno, Cal.
Burnett-Larsh Mfg. Co., elec. pumps; water supply systems., Dayton, Ohio.
Burnett & Klapper Furn. Co., Dept. H, Atlanta, Ga.
Burnett & Loggans, architects, Bristol, Tenn.
Burnett, Rollin P., contractor, Society for Savings Bldg., Cleveland, Ohio.
Burnett & Son, sashes, doors & blinds, Sacramento, Cal.
Burney Bros., mill & facty. supplies, Little Falls, N. Y.
Burnham, A. C., & F. G., brick, Montague City, Mass.
Burnham, Asa C., paper & pulp mills, Camden, N. Y.
Burnham Bros., marine R'ways & dry docks, Gloucester, Mass.
Burnham Bros. Brick Co., 68 Wisconsin, Milwaukee, Wis.
Burnham, C. G., masons' & bldrs. matls., Holyoke, Mass.
Burnham & Davis Lbr. Co., Lowell, Mass.
Burnham, D. H., architect, 209 S. LaSalle, Chicago, Ill.
Burnham, E. S. Co., canned goods, 16 Gansevoort, New York.
Burnham, Gilbert H., machsts., Newport, R. I.
Burnham, Hubert, architect, 209 S. LaSalle, Chicago, Ill.
Burnham, L. A. & Co., fish lines, Gloucester, Mass.
Burnham Mfg Co., children's vehicles & hay racks, Charles City, Ia.
Burnham & Morrill Co., canned goods, Portland, Me.
Burnham Phonograph Mfg. Co., 1929 S. Los Angeles, Los Angeles, Cal.
Burnham-Standeford Co., sashes, doors & blinds, Oakland, Cal.
Burnitol Mfg. Co., cups—paper, cuspidors, etc., Orient av, Boston, Mass.
Burnley Battery & Mfg. Co., North East, Pa.

Burnoil Engine Co., mfrs. of oil engines, South Bend, Ind.
Burnoor Heater Co., gas, Chattanooga, Tenn.
Burnot Mfg. Co., glue, 64 Gold, New York.
Burns, A. W., & Co., contractors, 55 E. State, Columbus, Ohio.
Burns & Bassick Co. (Division of The Bassick Co.), furniture trimmings & automobile h'dwe mfgrs., 38 Austin, Bridgeport, Conn.
Burns Bros., contrs., & masons' & bldrs.' matls., New Castle, Pa.
Burns Bros., mill & facty supps., Syracuse, N. Y.
Burns Bros., & Haley, contractors, Watertown, N. Y.
Burns & Bassick Co., see Bassick Co. (successors).
Burns & Campbell, granite producers, Petersburg, Va.
Burns Co., masons' & bldrs.' matls., Bridgeport, Conn.
Burns-Croft Co., die castings, 2239 Herndon, Chicago, Ill. *See adv. index at end of book.*
Burns, D. H., stone producers, Chester, Pa.
Burns, E. Reed, platers' supplies, 25 Jackson, Brooklyn, N. Y.
Burns Fire Brick Co., Williamsport, Pa.
Burns, Fleming & Co., heating contrs., 815 Forbes, Pittsburgh, Pa.
Burns, H. J., cornices & skylights, Spokane, Wash.
Burns & Hancock Fire Brick & Clay Co., Montezuma, Ind.
Burns, Harry, Lbr., Shippensburg, Pa.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Burns Iron Wks., 201 Commerce, Newark, N. J.
Burns, John, & Son, tin cans, 19 Fulton, New York.
Burns, J. W., masons' & bldrs.' matls., Watertown, Wis.
Burns, Jabez, & Sons, machsts, 567 11th av, New York.
Burns, Jas., architect, 64 W. Randolph, Chicago, Ill.
Burns, Jas. F., boxes, cleats, couplings, 713 Cherry, Phila., Pa.
Burns, Jno. E., Lumber Co., 700 W. Chicago av, Chicago, Ill.
Burns, John, Granite Co., 840 N. Main, Providence, R. I.
Burns, John, & Son, stone prod., 156 7th, Brooklyn, New York.
Burns, Jos. M., contractor, West Chester, Pa.
Burns Lbr. Co., Duluth, Minn.
Burns, M. A., Mfg. Co., lbr. & shingles, Eureka, Cal.
Burns, P., Saddlery Co., 713 Lucas, St. Louis, Mo.
Burns, Robt., Lbr. Co., Mitchell, S. D.
Burns & Russell Co., brick, American Bldg., Baltimore, Md.
Burns, Sam'l T., lumber mfrs., Alton, N. Y.
Burns & Schilling, glass house molds, 589 Kent av, B'klyn, N. Y.
Burns Knitting Co., gloves & sweaters—knitted, Nashua, N. H.
Burns Typewriter Co., Buffalo, N. Y.
Burns, W. F., Co., savings banks, 38 S. Dearborn, Chicago, Ill.
Burns, W. J., Co., contrs., Syracuse, N. Y.
Burnside Bros., lumber mfrs., Maryland, N. Y.
Burnside Excelsior Co., Burnside, Ky.
Burnside Roller Mills, flour, Burnside, Ky.
Burnside Steel Co., castings, Railway Exchange, Chicago, Ill.
Burnsville Mercantile Co., lbr., Burnsville, Miss.
Burpee Can Sealer Co., 215 W. Huron, Chicago, Ill.
Burpee & Letson, canning machy., Bellingham, Wash.
Burr Bros., lumber mfrs., Gloversville, N. Y.
Burr Co., castings, manhole covers, spiral fire escapes, etc., Champaign, Ill.
Burr, David & Co., soap, 28 E. Kinzie, Chicago, Ill.
Burr, Henry E., landscape architect, Orange, N. J.
Burr & Houston Co., fndrs., Franklin, Quay & Calyer, Brooklyn, N. Y.
Burr, Howard B., architect, Waterloo, Ia.
Burr Index Co., Hartford, Conn.
Burr, John T., & Son, machy. mfrs., 429 Kent av, B'klyn, N. Y.
Burr Mfg. Co., tackle blocks, stretchers, etc., Whitney Power blk, Cleveland, Ohio.
Burr & Munsing, masons' & bldrs.' matls., Ludlow, Mass.
Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio.
Burr-Vack Co., toys, games & novelties, 511 S. Wabash av, Chicago, Ill.
Burrage, H. E., & Co., cornices & skylights, Leominster, Mass.
Burrage, Robt. R., glue mfrs., 83 Gold, New York.
Burrell Belting Co., woven & conveyor belting, 413 S. Hermitage, Chicago, Ill.
Burrell, Clay N., architect, Albany Bldg., Oakland, Cal.
Burrell & Co., cornices, Duluth, Minn.
Burrell, D. H., & Co., mill & facty. supplies, cow milking, butter printing & cutting, & cheese facty. machy., etc., Little Falls, N. Y.
Burrell Engineering & Construction Co., 323 S. La Salle, Chicago, Ill.
Burrell, H. G., cornices & skylights, Stoughton, Mass.
Burrell, Horace H., contractor, 206 Quince, Philadelphia, Pa.
Burrell Mfg. Co., cement machy., Bradley, Ill.
Burridge, B. W., electro plating, 461 Bush, San Francisco, Cal.
Burrill, J. R., architect, Exchange Bk. Bldg., Spokane, Wash.
Burris, Jno. T., & Son, shingles—metallic, Anderson, S. C.
Burritt, A. W., Co., who. h'dwe., Knowlton, Bridgeport, Conn.
Burritt, O. W., & Bro., wholesale hdwe., Weedsport, N. Y.
Burroughs Adding Mach. Co., 2d & Burroughs av., Detroit, Mich.
Burroughs-Baldwin Co., who. h'dwe., 87 Warren, New York.
Burroughs Bros. Mfg. Co., chemicals, Coca Cola Bldg., Balto., Md.
Burroughs, G. C. & J. H. Deeken, architects, Union Trust bldg, Cincinnati, Ohio.
Burroughs, Geo., & Sons, trunk mfrs., 424 E. Water, Racine, Wis.
Burroughs, J. P., & Son, flour mills, Flint, Mich.
Burroughs & Mankin, brick, Richmond, Va.
Burroughs, R. A., & Co., coppersmiths, Norfolk, Va.
Burroughs-Ross-Colville Co., neck yokes, McMinnville, Tenn.
Burroughs & Taylor Co., woolen blankets, Cave, Tenn.
Burroughs Tool Co., 87 Warren, New York.
Burroughs-White Trunk Co., Los Angeles, Cal.
Burrowes, E. T., Co., screens, wood & all metal for windows, doors & porches; home billiard tables, folding card tables, cedar chests & furniture specialties, mfrs., Portland, Me.
Burrows Mfg. Co., regulators, traps, valves, etc., York, Pa.
Burrows Metal Mfg. Co., 521 W. 23d, New York.
Burrows, Sloan & Co., mfrs. agts., Real Estate Trust Bldg., Philadelphia, Pa.
Burrows, Thos. C., steel imptrs., 17 Burling Slip, New York.
Burrows, Walter R., track jacks, 80 Maiden la, New York.
Burrows, Wm., Mfg. Co., plumbers' wood wk., 430 Kent av, Brooklyn, N. Y.
Burrus Mill & Elevator Co., flour, Ft. Worth, Tex.
Burrus, O. M., & Bro., stone producers, Burlington, Ia.
Burruss Engng. Co., machy., Atlanta, Ga.
Burry & Markel Co., masons' & bldrs.' matls., Evans City, Pa.
Bursik & Krupka Co., sash, door & blind mfrs., 1919 S. Fairfield av, Chicago, Ill.
Burson Knitting Co., machy., Rockford, Ill.
Burson Mfg. Co., machsts., Rockford, Ill.
Burstein, Meyer, cotton waste, Neenah, Wis.
Burt Bros., furniture, 200H S. 9th, Phila., Pa.
Burt, F. N., Co., boxes, Buffalo, N. Y.
Burt & Hicks, lbr., Biscoe, N. C.
Burt Mach. Co., 403 E. Oliver, Baltimore, Md.
Burt Mfg. Co., mattresses, 226 Eddy, Providence, R. I.
Burt Mfg. Co., The, ventilators, 40 Main, Akron, O.
Burt & Mitchell Co., dry docks, etc., ft. Morris, Jersey City, N. J.
Burt Portland Cement Co., Bellevue, Mich.
Burt, W. A., & Son, flour, Simsboro, La.
Burtar, Adolph G., architect, 7616 Madison, Forest Park, Ill.
Burtchaell, John W., electric & gas light fixtures, 357 Ellis, San Francisco, Cal.
Burtis, D. H., cornices & skylights, Phoenix, Ariz.
Burton, A. & E., & Co., brooms & brushes, 73 Pearl, Boston, Mass.
Burton, A. G., Son, machsts., 118 S. Clinton, Chicago, Ill.
Burton, A. J., & Son, band saws, Quincy, Mass.
Burton, Alvah F., granite, Thomaston, Me.
Burton & Bendernagel, archts., Audubon Bldg., New Orleans, La.
Burton & Burton, contractors, Trenton, N. J.
Burton & Co., wholesale hdwe., Oxford, Ala.
Burton Constr. Co., Montgomery, Ala.
Burton, D. F., hosiery—elastic, Pythian Temple, Cleveland, O.
Burton-Dixie Corp., cotton felts & mattresses, 2024 S. Racine av, Chicago, Ill.
Burton, E., fertilizer, St. Joseph, Mich.
Burton Engng. & Machy. Co. (The), gasoline & kerosene locomotives, Spring Grove & Alabama avs, Cincinnati, O.
Burton, E. P., Lbr. Co., Charleston, S. C.
Burton & Fenton, masons' & bldrs.' matls., Mount Vernon, N. Y.
Burton, G. F., Co., mill & facty. supplies, Springfield, Ohio.
Burton Hdwe. & Mfg. Co., cornices & skylights, Knoxville, Tenn.
Burton, Howard, architect, 512 5th av, New York.
Burton, J. H., & Co., lbr., 38 Park Row, New York.
Burton & Johnson Co., mchsts. & fdrs., 2301 Center av, Cleveland, Ohio.
Burton-Lingo Co., masons' & bldrs.' matls., Fort Worth, & El Paso, Tex.
Burton Lumber Co., Lewisville, Ark.
Burton Range Co., 7 Sycamore, Cincinnati, Ohio.
Burton, Reuben, cornices, Richmond, Va.
Burton-Swartz Cypress Co. of Fla., lumber, Perry, Fla.
Burton-Townsend Co., molding sand & paving blocks, Ashtabula, Ohio.
Burton, T., & Son, canned goods, Millsboro, Del.
Burton, W. J., Co., copper wire, tin plate, ventilators, etc., Junction & Leavitt avs, Detroit, Mich.
Burtt Mfg. Co., machsts., Kalamazoo, Mich.
Burwak Elevator Co., 216 Fulton, New York.
Burwell, Elliot N., architect, 65 Griggs Road, Boston, Mass.
Burwell, J. C., masons' & bldrs.' matls., Winsted, Conn.
Bury Compressor Co., air & gas compressors, Erie, Pa.
Busch, A. H., Co., plumbers' & mill & facty. supplies, 150 N. Los Angeles, Los Angeles, Cal.
Busch, Adolphus, Glass Mfg. Co., Main & Dorcas, St. Louis, Mo.
Busch, J. C., Co., compressors, sprue cutters, cranes, hoists, etc., 140 Ferry, Milwaukee, Wis.
Busch & Percival, contractors, Brisbane Bldg., Buffalo, N. Y.
Busch, Russell & Gelts Co., stone, Muncie, Ind.
Busch & Stewart, contractors, Williamsport, Pa.
Busch-Sulzer Bros-Diesel Engine Co., 2d & Utah, St. Louis, Mo.
Buschle Sons, Mfg. Co., pipe wrenches, 1637 Central av, Cincinnati, Ohio.
Buschman Bros., steel merchants, Park Row Bldg., New York.
Buschner, A. C., & Co., silk tassels, 1253 Nostrand av, Brooklyn, N. Y.
Buschow Lbr. Co., Page, Okla.
Buse, Frederick, packing box mfrs., 421 E. 60th, New York
Buser, Nathaniel E., architect, Mount Morris, Ill.
Buser-Poston Tufting Mach. Co., Chillicothe, Ohio.
Busfield Machine Co., Haverhill, Mass.
Bush, Beach & Gent, chemicals, 80 Maiden la, New York.
Bush Bros., sash, door & blind mfrs., Royersford, Pa.
Bush Building Co., Nashville, Tenn.
Bush, C. P., Hardware Co., Columbus, Ga.
Bush, Chas. S., Co., lubricating oils & greases, 224 Weybosset, Providence, R. I.
Bush, Charles T., architect, 825 Julien av, Dubuque, Ia.
Bush Electric Co., safety tools, 6654 Broadway, Cleveland, Ohio.
Bush Elect. Corp., X-ray apparatus, 334 Sutter, San Francisco, Cal.
Bush, E. M., Hdwe. Co., Evansville, Ind.
Bush Fdry. & Metal Wheel Co., Quincy, Ill.
Bush & Gerts Piano Co., 1550 Dayton, Chicago, Ill.
Bush Glass Co., Lansing, Mich.
Bush & Handwerk, cornices, Joliet, Ill.
Bush, J. D. & Co., lbr. mfrs., Wilmington, Del.
Bush, Jas. S., store & bar fixtures, 239 B'way, New York.
Bush & Lane Piano Co., Holland, Mich.
Bush Mfg. Co., airplane radiators, 77 Commerce, Hartford, Conn.
Bush, Matt & Bros., contrs., Little Rock, Ark.
Bush Motor Co., auto bldrs., Bush Temple, Chicago, Ill.
Bush, Roberts, & Schaefer Co., contrs., Wrigley Bldg., Chicago, Ill.
Bush, Thos. G., & Co., contrs., Pulsen Bldg., Spokane, Wash.
Bush, W. J., & Co., essential oils & fruit flavors, etc., 100 William, New York.
Bush, W. R., contractor, Springfield, Ohio.
Busha, S. J., fertilizer, Buford, Ga.
Bushauer, Peter, brass fndr., 261 Elm, Newark, N. J.
Bushel, R., brick, Stamford, Texas.
Bushell, A. A., & Son, contrs., Peoria, Ill.
Bushnell, Carl, contr., 133 W. Washington, Chicago, Ill.
Bushey, G. M., & Son, lime mfrs., Cavetown, Md.
Bushey, N. C., contractor, Springfield, Mass.
Bushman, Thomas, architect, Altoona, Pa.
Bushnell, Alvah, Co., filing containers, 925 Filbert, Phila., Pa.
Bushnell, Clarence E., plumbers' & mill & facty. supplies, Buffalo, N. Y.
Bushnell, G. B., contractor, Elkhart, Ind.
Bushnell, John S., & Co., reducing wheels, etc., 146 Liberty, New York.
Bushnell, N. T., Co., wholesale hdwe., & mill & facty. supplies, New Haven, Conn.
Bushnell Novelty Co., wringers (mop), Mansfield, Ohio.

Bushnell Pump Co., Bushnell, Ill.
Bushnell Tank Works, coal chutes, Bushnell, Ill.
Bushwick Pork Pckg. Co., 29 Bushwick av, Brooklyn, N. Y.
Bushy, Geo., contractor, Lebanon, Ind.
Business Address Co., 23 Barclay, New York.
Business Men's Clearing House, 209 S. State, Chicago, Ill
Business Men's Paper Press Co., Wayland, Mich.
Business Reviving Co., advtg, novelties, Oblong, Ill.
Busk & Wind, contractors, Ramge Bldg., Omaha, Neb.
Buskirk Rutledge Lbr. Co., Quicksand, Ky.
Buss, Edw. A., paper archts., mill engrs., 85 Water, Boston, Mass.
Buss, H. & Co., small wares & harmonicas, 434 B'way, New York.
Buss Mach. Wks., Holland, Mich.
Busse Brick Co., Covington, Ky.
Busse, Henry, & Co., contrs., Main & Wabash, Pittsburgh, Pa.
Busselle, Alfred, architect, 347 Madison av, New York.
Bussmann Mfg. Co., enclosed fuses, 3819 N. 23d, St. Louis, Mo.
Buswell Paint Co., Oakland, Cal.
Butchart, W. A., concentrating tables, Mercantile Bldg., Denver, Cal.
Butcher, Edwin, heddles, Worcester, Mass.
Butcher & Gage, machsts., Jackson, Mich.
Butcher, L. H., Co., glue mfrs., 341 Montgomery, San Francisco Cal.
Butcher Polish Co., finishes for floors & other woodwork, mfrs., 356 Atlantic av, Boston, Mass.
Butcher, Thos., architect, 516 5th av, New York.
Butchers' Advocate Co., trade publication, 1328 B'way, New York.
Butcher's Packing Co., meat, 529 Poplar, Cincinnati, Ohio.
Butensky, I., elec. & gas light fixtures, 342 Bowery, New York.
Butke, Robert, contractor, Paxton Bldg., Omaha, Neb.
Butler Basket Co., Butler, Ind.
Butler Bolt & Rivet Co., Butler, Pa.
Butler Bottle Co., Butler, Ohio.
Butler Brick & Tile Co., Butler, Ind.
Butler & Brittain. See Sloss & Brittain (successors).
Butler Bros., Constr. Co., 228 W. 4th, Los Angeles, Cal.
Butler Bros., wholesale hdwe, Rand bridge, Chicago, Ill.
Butler Bros., contractors, Exchange Bank bldg, St. Paul, Minn.
Butler Bros. Piano Mfg. Co., 25 W. McMicken av, Cincinnati, O.
Butler Car Wheel Co., Pittsburgh, Pa.
Butler Co., machsts. & fdrs., Butler, Ind.
Butler Constr. Co., Waukesha, Wis.
Butler & Corse, architects, 2 W. 47th, New York.
Butler Cotton Oil Co., cottonseed meal, Albertville, Ala.
Butler-Dietzler Hdw. Co., cornices, Kaukauna, Wis.
Butler Doll Stand Co., Oak Park, Ill.
Butler, E. N., architect, Flint, Mich.
Butler, Edmund F., & Co., plumbers' supplies—jobbers, 80 Pearl, Boston, Mass.
Butler-Edwards Elec Co., dental engines, etc., Easton, Pa.
Butler Engine & Fdry Co., mchsts. & fdrs., Butler, Pa.
Butler, G. T., architect, St. Augustine, Fla.
Butler, Geo., architect, 62 W. 45th, New York.
Butler, Harry, cornices & skylights, Bloomington, Ill.
Butler, Henry, contractor, Long Island City, N. Y.
Butler, J. G., Bldrs.' Supply Co., 24 Congress, W., Savannah, Ga.
Butler, J. W., & Bro., Co., contractors, Amer. Bk. Bldg., St. Paul, Minn.
Butler-Kyser Oil & Mfg. Co., Birmingham, Ala.
Butler, Lawrence S., architect, 101 Park av, New York.
Butler Lumber Co., Belleville, Wash.
Butler Mfg. Co., barrels, pumps & tanks, Kansas City, Mo.
Butler Mfg. Co., music cabinets, 721 N. Clinton, Syracuse, N. Y.
Butler Mfg. Co., ventilator mfrs., 900 6th av, S. E., Minneapolis, Minn., & Indianapolis, Ind.
Butler Marble & Granite Wks., Greenville, S. C.
Butler, Philip H., & Co., soapstone laundry tubs, 197 B. S., Boston, Mass.
Butler Plating & Mfg. Co., desk lights, 370 Atlantic av, Boston, Mass.
Butler & Prevost, architects, 292 Main, Stamford, Conn.
Butler & Rodman, architects, 16 E. 23d, New York.
Butler & Saunders, architects, Tulsa, Okla.
Butler & Son, machinists, Seneca, Kans.
Butler Stone Co., Sandusky, Ohio.
Butler St. Fdry. & Iron Co., 3422 Normal av, Chicago, Ill.
Butler, Thos. & Co., scrap iron & steel, 23 Medford, Boston, Mass.
Butler, Thos F., back water traps, Lorain, O.
Butler, Victor K., Co., elec. light fix. mfrs., Charles & Centre, Baltimore, Md.
Butler, Wm. L., contractor, Beach Haven, N. J.
Butler, Wm. P., & Sons, wholsale hdwe., New Bedford, Mass.
Butler, W. T., & Son, contrs., Atlanta, Ga.
Butler, Wright, architect, Cumberland, Md.
Butsch, M. C., contractor, St. Marys, Pa.
Butt, Herbert G., models & patterns, 352 Atlantic av, Boston, Mass.
Butt, Jos. A., canned goods, 1111 N. B'way, Baltimore, Md.
Butte Carriage Wks., Butte, Montana.
Butte Engineering & Elec. Co., 530 Folsom, San Fransisco, Cal.
Butte Falls Lbr. Co., Butte Falls, Ore.
Butte Machy. Co., Butte, Montana.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Buttenbender, Jonas, cornices, 4154 Lincoln av, Chicago, Ill.
Butter County Canning Co., Monroe, Ohio.
Butter Drawbar Attachment Co., 110 Engineers Bldg., Cleveland, Ohio.
Butter, Gustav A., sasr, door & blind mfrs., 603 Mitchell, Milwaukee, Wis.
Butter, Sam'l, & Co., plumbers' solder, 284 Franklin, Boston, Mass.
Butter Serving Mach. Co., Ins., butter cutting machines, 89 Alton, Rochester, N. Y.
Butterfield, C. S., Co., lumber, Brookhaven, Miss.
Butterfield Canning Co., Muncie, Ind.
Butterfield & Co., machsts., Derbyline, Vt.
Butterfield Trunk Co., Seattle, Wash.
Butterfield, W. M., Co., architects, Manchester, N. H.
Butterfield, Wells D., archt., David Whitney Bldg., Detroit, Mich.
Butters Lbr. Co., Boardman, N. C.
Butterweck, H. A., contractor, Allentown, Pa.
Butterworth, H. W., & Sons Co., textile machy. supplies, etc., 2415 E. York, Philadelphia, Pa.
Butterworth-Judson Corp., chemicals, colors & dyestuffs, 61 B'way, New York. *See adv index at end of book*
Butterworth & Lowe, machsts. & fdrs., Grand Rapids, Mich.
Butterworth, S. D., architect, Lansing, Mich.
Butterworth Supply Co., plumbers' sundries, 4200 Kensington av, Philadelphia, Pa.
Butterworth, Wm. H., machsts., Trenton, N. J.
Buttgenbach, Jos., & Co., meat packers, 336 4th, San Francisco, Cal.
Buttler-Howell Co., sashes, doors & blinds, New Brunswick, N. J.
Button, L. H., architect, Fritzsimons bldg., Pittsburgh, Pa.
Button Machy. Co., machsts., Hoboken, N. J.
Buttress & McClellan, machy. dlrs., 205 N. Los Angeles, Los Angeles, Cal.
Buttrick Lbr. Co., Waltham, Mass.
Buttrill Guano Co., Jackson, Ga.
Butts, J. R., Sons Co., contractors, Wheeling, W. Va.
Butts, L. P., masons' & bldrs.' matls., Oneonta, N. Y.
Butts & Ordway Co., whol. hdwe., 33 Purchase, Boston, Mass.
Butz & Clader, contractors, Allentown, Pa.
Butz, Edw. M., lumber, Easton, Pa.
Butz, Frederick & Co., sashes, doors & blinds, Allentown, Pa.
Butz, Jas. F., & Co., masons' & bldrs.' matls., Allentown, Pa.
Buvinger, G. W., & E. E., cornices, Dayton, Ohio.
Buxton, Jos., steel scaffold brackets, 935 Scotten, Detroit, Mich.
Buxton Lbr. Co., Buxton, Ore.
Buxton, W. A., machinery dlr., Worcester, Mass.
Buys, Arthur Francis, architect, Nyack, N. Y.
Buysse, Eugene, & E. Hartwick, architects, 2958 W. Grand blvd, Detroit, Mich.
Buzby, C. M., & Sons, lbr. mfrs., 626 Wash. av, Phila, Pa.
Buzzell, E. H., lumber, 71 Kilby, Boston, Mass.
Buzzell, J. G., & Co., mchsts. & fdrs., 102 High, Boston, Mass.
Buzzini, Walter J., gas & elec. cooking app., 505 W. 21st, New York.
B. & W. Concrete Co., concrete, York av, Newark, N. J.
B. & W. Construction Co., 10 S. La Salle, Chicago, Ill.
Byerly, Fred J., architect, 11131 S. Irving av, Chicago, Ill.
Byerly & Sons, asphalt, 2489 W. 4th, Cleveland, Ohio.
Byers, A. M., Co., pipe & tube mills, 235 Water, Pittsburgh, Pa.
Byers Bros. Construction Co., Kalamazoo, Mich.
Byers, Clarkson, contractors, 806 Walnut, Philadelphia, Pa.
Byers & Craig, contractors, New Castle, Pa.
Byers Machine Co., The, auto cranes, hoists & derricks, 242 Sycamore, Ravenna, O.
Byers, Robt. S., architect, C. of C. Bldg., Rochester, N. Y.
Byers & Smith, mill & facty. supplies, 105 Haverhill, Boston, Mass.
Byesville Planing Mill Co., Byesville, Ohio.
Byfield, Chas. H., architect, Law Bldg., Indianapolis, Ind.
Byfield Woolen Co., Byfield, Mass.
Bynum, W. B., cooperage stock, Dermott, Ark.
By-Products Coke Corp., 332 S. Mich. av, Chicago, Ill.
Byram & Co., mchsts. & fndrs., 435 Guoin, Detroit, Mich.
Byram Fdry Co., grey iron castings, Indianapolis, Ind.
Byrd, Arlie C., & Co., flour mills, Ruddle, W. Va.
Byrd, D. M., flour mills, Franklin, W. Va.
Byrd, J. L., & Co., turpentine, Milltown, Ga.
Byrd, John, metallic window frame & sash, 1427 Catharine, Philadelphia, Pa.
Byrd Lumber Co., Marion, Ind.
Byrd Milling Co., flour, Cane River, N. C.
Byrd, P. A., ties, Little Rock, Ark.
Byrn, J. W., wagon spokes, Brownsville, Tenn.
Byrne Bros., cornices & skylights, Santa Cruz, Cal.
Byrne Bros. Dredging & Engineering Co., 208 S. La Salle, Chicago, Ill.
Byrne, C. E., Piano Co., 231 E. 41st, New York.
Byrne, Edward J., architect, 438 E. 158th, New York.
Byrne, Francis B., architect, 104 S. Michigan av, Chicago, Ill.
Byrne, Frank J., htg. contrs., 1429 E. 7th, Brooklyn, N. Y.
Byrne, Henry, contractor, 392 Mercer, Jersey City, N. J.
Byrne, J. M., Lbr. Co., sash, door & blind mfrs., Kansas City, Mo.
Byrne, Jno., cornices, Pittston, Pa.
Byrne, John B., Inc., contractor, Cambridge, Mass.
Byrne, Jos. T., common brick, 29th & Clearfield, Phila., Pa.
Byrne & Kincanon, canned goods, Lowry, Va.
Byrne, Kingston, & Co., carbureters, spark plugs, wheels, etc., Kokomo, Ind.
Byrne, Peter (Est. of), brick, 20th & Cambria, Philadelphia, Pa.
Byrne-Renfro Lumber Co., Kansas City, Mo.
Byrne, Thos. F., sweaters, etc., Phoenixville, Pa.
Byrne-Turner Co., wood pipe, Bellingham, Wash.
Byrnes Belting Co., 2109 Locust, St. Louis, Mo.
Byrnes, Michael, Bldg. Co., Elizabeth, N. J.
Byrnes, Thos. F., contractor, Utica, N. Y.
Byromville Mfg. Co. See Lester-Ricks Oil Co. (successors).
Byron, Forman & Riggs, Inc., contrs., Cohoes, N. Y.
Byron & Hall, Black Diamond carbons, 116 Broad, New York.
Byron Jackson Iron Works, power pumps & pumping engines, Sharon bldg, San Fransisco, Cal.
Byrum Hardware Co., Ensley, Ala.
Bywater & Groo., cornices & skylights, Salt Lake City, Utah.
Byxbee & Clark Co., lumber, Balboa Bldg., San Francisco, Cal.
C. J. Mfg. Co., coal meters, 3425 N 5th, Phila., Pa.
Cabaret, Paul E., & Co., arch'l bronze fndrs, 126 11th av, New York.
Cabarrus Cotton Mills, Concord, N. C.
Cabble, Wm., Excelsior Wire Mfg. Co., 88 Ainslie, B'klyn, N. Y.
Cabeen Richard M., architect, 614 N Woodbine av., Oak Park, Ill.
Cabin Creek Consolidated Coal Co., Rayford, W. Va.
Cabin Creek Lbr. Co., Easton, Wash.
Cabinet Makers' Union, furniture, Dept. H., Union Market & Pine, Indianapolis, Ind.
Cabinet Mfg. Co., bath cabinets, incubators, etc., Quincy, Ill.
Cabinola Co., filing cabinets for piano rolls, 35-45 Henry, Buffalo, N. Y.
Cable Co., pianos, 301 S. Wabash av, Chicago, Ill.
Cable Excavator Co., Comrl. Tr. Bl., Philadelphia, Pa.
Cable Flax Mills, cords, thread, twine, etc., Schaghticoke, N. Y.
Cable, G. W., Jr., masons' & bldrs.' matls., Fairfield, Ia.
Cable, Howard E., elec. contr., Darien, Conn.
Cable, Hobart M., Co., pianos, La Porte, Ind.
Cable, Max L., 415 N. Western av, Chicago, Ill.
Cable-Nelson Piano Co., 209 S. State, Chicago, Ill.
Cable Piano Co., 137 W. 4th, Cincinnati, Ohio.
Cable & Sons, pianos, 550 W. 38th, New York.

Cable, W. N., masons' & bldrs., matls., 200 5th av, New York.
Cabot, Edwin S. (Est. of), gold leaf, 103 Arch, Boston, Mass.
Cabot, Godfrey L., carbon black, Old South Bldg., Boston, Mass.
Cabot Mfg. Co., cotton sheetings, 70 Kilby, Boston, Mass.
Cabot, Samuel, Inc., mfg. chemists, building specialties, 141 Milk, Boston, Mass.
Cabott, P. M., Co., circular folding machy., 6 Church, New York.
Cabrow, Whenn & Lazewell, architects, New Monroe bldg, Norfolk, Va.
C. A. C. Axe Co., Holbrook, Mass.
Cache Knitting Wks., bathing suits, sweaters, etc., Logan, Utah.
Cadario, L. B., & Sons, contractors, 15 Court sq, Boston, Mass.
Cadden, Michael A., contractor, Scranton, Pa.
Caddo Oil & Refining Co. of Louisiana, Shreveport, La.
Caddo Rapides, Ltd., Lumber Co., Alexandria, La.
Caddo River Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Caddy Elec. Equip. Co., motors & generators, steam engines, etc., 77 Washington, N., Boston, Mass.
Cade, John R., & Son, sashes, doors & blinds, Guttenberg, N. J.
Caden Stone Co., Evansville, Ind.
Cadillac Can Co., 835 W. 6th, Cincinnati, Ohio.
Cadillac Casket Co., 360 Wabash, Detroit, Mich.
Cadillac Chemical Co., wood alcohol, Cadillac, Mich.
Caddilac Furniture Co., closets, seats, Smith Bldg., Detroit, Mich.
Cadillac Handle Co., Cadillac, Mich.
Cadillac Lumber Co., sash, door & blind, Cadillac, Mich.
Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.
Cadillac Plumbing & Heating Co., mill & facty supplies, Cadillac, Mich.
Cadillac Sand & Gravel Co., Nicholas Bldg., Toledo, Ohio.
Cadillac Tool Co., machy. dlrs. & mfrs., 268 Jefferson, Detroit, Mich.
Cadillac Turpentine Co., Cadillac, Mich.
Cadillac Varnish Wks, 31 Eastern pl, Detroit, Mich.
Cadillac Veneer Co., lumber, Cadillac, Mich.
Cadman, A. W., Mfg. Co., brass castings, 2816 Smallman, Pittsburgh, Pa.
Cadoo, John C. W., contractor, Flushing, N. Y.
Cadorette, Mapine, contrs., New Bedford, Mass.
Cadwallader, Dougherty & Co., boot & shoe counters, 113 N. 3rd, Philadelphia, Pa.
Cadwallader, Thos., poultry markers, Salem, Ohio.
Cadwell, Archie B., contractor, New Britain, Conn.
Cadwell, E. W., hdwe Co., whol, Newport News, Va.
Cadwell Fertilizer Works, Cadwell, Ga.
Cadwell-Vernon Co., tel. cabinet wk., Jamestown, N. Y.
Cady, A. J., machy dlrs. & mill & facty supplies, Troy, N. Y.
Cady, C. N., Co., machsts. & fndrs., Canastota, N. Y.
Cady, Geo. L., & Sons, machsts., mill supplies, lbr., Lowell, Mass.
Cady, Geo. S., & Son, farm wagons, Moravia, N. Y.
Cady & Gregory, architects, 40 W. 32d, New York.
Cady, H. F., Lumber Co., Omaha, Neb.
Cady, Jeremiah Kiersted, architect, 179 W. Washington, Chicago, Ill.
Cady, John Hutchins, architect, Hospital Trust bldg, Providence, R. I.
Cady, Jno. N., architect, Summit, N. J.
Cady Mach. Co., Cleveland, Ohio.
Cady Mfg. Co., wood handles & turnings, Auburn, N. Y.
Cady, W. M., Lumber Co., McNary, La.
Caffrey, Patrick, contrs., Springfield, Ohio.
Caflisch Lbr. Co., Albright, W. Va.
Cahaba River Lbr. Co., Brent, Ala.
Cahalane, Daniel J., contractor, New Brighton, N. Y.
Cahill & Co., carriages, Wilmington, Del.
Cahill, Edward, venetian blinds, 440 W. 42d, New York.
Cahill Iron Works, machsts. & fndrs., Chattanooga, Tenn.
Cahill, J. H., contractor, Louisville, Ky.
Cahill, Jos. P., corn brooms, 820 W. 51st pl, Chicago, Ill.
CAHILL, M. F., brass, iron & steel, ferrules, mfrs., 710 E. 2nd, Boston, Mass. *See adv index at end of book.*
Cahill, P. J., machinist, Leeds, Mass.
Cahill-Swift Mfg. Co., plumbers' supplies, jobbers, 1112 Market, St. Louis, Mo.
Cahill & Vensano Co., contrs., 110 Sutter, San Francisco, Cal.
Cahill, W. S., Co., machinists, Key Highway & Webster, Baltimore, Md.
Cahn Forster Elec. Co., motors & washing machy., 209 15th, Denver, Colo.
Cahn, Hugo, & Co., cork mfrs., 257 W. 17th, New York.
Cahoon & Hudgins, contractors, Norfolk, Va.
Caiazzo, C., contractors, 6441 Dean, Pittsburgh, Pa.
Caille Bros. Co., vending machines & machsts. & fndrs., 2d & Amsterdam av, Detroit, Mich.
Caille Perfection Motor Co., 2d & Amsterdam, Detroit, Mich.
Cain Construction Co., Gary, Ind.
Cain-Grimshaw Co., masons' & bldrs.' matls., Bellingham, Wash.
Cain, H., cornices, Connersville, Ind.
Cain Mach. Co., East Liverpool, Ohio.
Cain, Milo, cornices, Kokomo, Ind.
Cain-O'Berry Boiler Co., Orlando, Fla.
Caine, Chas. W., masons' & bldrs.' matls., Cleves, Ohio.
Caine, John J., iron scrap, N. American Bldg., Philadelphia, Pa.
Caine Stone Co., Warner rd. & C. & P. Ry., Cleveland, Ohio.
Caird Engineering Wks., Helena, Mont.
Caire Justinian Co., chemical apparatus, 573 Market, San Francisco, Cal.
Cairns, Bayard S., architect, Scimitar Bldg., Memphis, Tenn.
Cairns & Bro., fire trumpets, 186 Lafayette, New York.
Cairns, Jno., architect, Dreka Bldg., De Land, Florida.
Cairo Milling Co., flour, Cairo, W. Va.
Cairo Thread Works, 105 Wooster, New York.
Cairo Wood Products Co., contrs., etc., 11 S. La Salle, Chicago, Ill.
Cake, Chas. W., lbr., Norfolk, Va.
Calabrese, Ralph, architect, 97 Duncan, N. A., Arlington, N. J.
Calafati, Salvator S., architect, 224 Main, New Rochelle, N. Y.
Calahane, Jas. P., contractor, Jamestown, N. Y.
Calander, Jno., Mfg. Co., ladders, 629 Jackson, St. Paul, Minn.
Calcasieu Long Leaf Lumber Co., Lake Charles, La.
Calcasieu Lumber Co., Austin, Tex.
Calcite Quarry Co., stone producers, Annville, Pa.
Calcium Light Advtg. Co., advtg. spec., Newburgh, N. Y.
Calco Chemical Co., aniline colors, dyes, etc., Bound Brook, N. J.
Calculagraph Co., time recorders, etc., 30 Church, New York.
Calculator Corpn., calculating machines, 4th Nat. Bank Bldg, Grand Rapids, Mich.
Calcutt, N. W., Co., cooperage stock, Dyersburg, Tenn.
Caldabaugh Bros., cornices, Wheeling, W. Va.
Caldbeck-Cosgrove Corp., masons' & bldrs.' matls., St. Johnsbury, Vt.
Calder, Geo. H., emery wheel cutters, mfrs., Lancaster, Pa.
Calder, Robt., Co., cornices, 86 Exch., Rochester, N. Y.
Calder, Wm. M., contractor, 1648 11th av, Brooklyn, N. Y.
Caldwell, B. F., cornices & skylights, Pomona, Cal.
Caldwell, Chas. H., architect, 101 Park av, New York.
Caldwell & Drake Iron Works, Columbus, Ind.
Caldwell, Edward B., jr., architect, First Bridgeport Bk. Bldg., Bridgeport, Conn.
Caldwell, E. H., & Son, machy. dealers, Corpus Christi, Tex.
Caldwell, E. R., & Co., machsts. & fndrs., Bradford, Pa.
Caldwell, E. R., & Son Brass Co., fndry, Syracuse, N. Y.
Caldwell, Edw. F., & Co., elec. & gas light fixtures, 38 W. 15th, New York.
Caldwell Elec. Corp., Champaign, Ill.
Caldwell, Francis G., architect, Stephen Girard Bldg., Phila., Pa.
Caldwell, H. W., & Son Co., power transmitting machinery & mill & facty. supplies, 17th & Western av, Chicago, Ill.
Caldwell & Sons, Iseminger Co., contrs. & sash, door & blind mfrs., Middletown, Ohio.
Caldwell, J. D., Co., machy. dlrs., Oregonian Bldg., Portland, Ore.
Caldwell, Jos. S., filing cabinets & devices, Syracuse, N. Y.
Caldwell Lbr. Co., Metcalf, Ga.
Caldwell Lumber Co., Oil City, Pa.
Caldwell Mfg. Co., sash balances, etc., Rochester, N. Y.
Caldwell Milling Co., flour, Caldwell, Kan.
Caldwell Oil Mill Co., meal, Caldwell, Tex.
Caldwell, R. J., Co., felts, 13 Park Row, New York.
Caldwell, S. J., R. R. ties, Plain Dealing, La.
Caldwell Tool Mfg. Co., saws & sheet metal stamping, Springfield, Mass.
Caldwell, W. E., Co., mill & facty. supp., tanks, towers, wind mills, pumps, engines, power transmittting, machy., etc., Louisville, Ky.
Caldwell & Ward Brass Co., machsts. & fndrs., Syracuse, N. Y.
Caldwell-Watson Fdry. & Mach. Co., Birmingham, Ala.
Calebaugh Self-Lubricating Carbon Co., carbon brushes, 1503 Columbia av, Philadelphia, Pa.
Caledonia Bean Harvesting Wks., Caledonia, N. Y.
Caledonia Chemical Co., Caledonia, N. Y.
Caledonia Wagon & Iron Works, Caledonia, Minn.
Calendar Spec. Co., advtg. novelties, 113 South, New York.
Calhoun, Chas. L., architect, 16 E. 33rd, New York.
Calhoun, D. A., & Co., contractors, 52 Vanderbilt av, New York.
Calhoun Foundry Co., Anniston, Ala.
Calhoun Gas Co., gas retort carbons, Battle Creek, Mich.
Calhoun & Miller, contractors, 6200 Penn av, Pittsburgh, Pa.
Calhoun Mills, cotton sheetings, Calhoun Falls, S. C.
Calhoun Pattern Fdry. & Mach. Co., Houston, Tex.
Calhoun Roller Mills, flour, Calhoun, Ga.
Calhoun Timber Co., Port St. Joe, Fla.
Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Cal. Auto Top Co., 1019 Van Ness, San Francisco, Cal.
Cal. Barrel Co., 433 California, San Francisco, Cal.
Cal. Bellows Works, 416 Harriet, San Francisco, Cal.
Cal. Belting Co., 1459 Mission, San Francisco, Cal.
Cal. Boiler Works, 526 Howard, San Francisco, Cal.
Cal. Brass Wks., auto bushings, 444-448H Natoma, San Francisco, Cal.
Cal. Brick Co., 604 Mission, San Francisco, Cal.
Cal. Bldg. Material Co., sand & stone, New Castle bldg, San Francisco, Cal.
Cal. Burdett Oxygen Co., 52nd & Santa Fe av, Los Angeles, Cal.
Cal. Canneries Co., 600 Minnesota, San Francisco, Cal.
Cal. Card Mfg. Co., photographic mountings, Potrero av, Mariposa, San Francisco, Cal.
Cal. Casket Co., 959 Mission, San Francisco, Cal.
Cal. Citrus Products Co., 850 42nd av, Oakland, Cal.
Cal. Cornice Wks., Los Angeles, Cal.
Cal. Corr. Culvert Co., culverts, flumes, tanks, signs, etc., Berkeley & Los Angeles, Cal.
Cal. Cotton Mills Co., twine, etc., Oakland, Cal.
Cal. Cut Glass Mfg. Co., Pasadena, Cal.
Cal. Cut Stone Co., 2136 S. Sawyer av, Chicago, Ill.
Cal. Door Co., 43 Main, San Francisco, Cal.
Cal. Envelope Co., 31 Minna, San Francisco, Cal.
Cal. Exterminating Co., Inc., janitors' supplies, insecticides, disinfectants, polishes, etc., 121 Manhattan, New York.
Cal. Fertilizer Wks., 1332 Evans av, San Francisco, Cal.
Cal. Fire Proof Door Co., 1931 S. Los Angeles, Los Angeles, Cal.
Cal. Fixture Co., 1422 So. Main, Los Angeles, Cal.
Cal. Fdry. & Mach. Co., California, Pa.
Cal. Fresno Oil Co., Fresno, Cal.
Cal. Fruit Canners' Assn., 101 California, San Francisco, Cal.
Cal. Gear Works, 2132 Folsom, San Francisco, Cal.
Cal. Glue Wks., Fairfax av & Rankin, San Francisco, Cal.
Cal. Granite Co., Rocklin, Cal.
Cal. Hardware Co., 500 E. 1st, Los Angeles, Cal.
Cal. & Hawaiian Sugar Refining Co., 230 Cal., San Fran., Cal.
Cal. Hydraulic Engineering & Supply Co., 70 Fremont, San Francisco, Cal.
Cal. Ink Co., 33 Clementina, San Francisco, Cal.
Cal. Iron Works, Riverside, Cal.
Cal. Iron Yards Co., scrap iron, 554 Bryant, San Fransisco, Cal.
Cal. Mach. Wks., California, Mo.
Cal. Mfg. Co., sash, dor & blind mfrs., 2243 S. Troy, Chicago, Ill.
Cal. Metal Enam. Co., enam. iron signs, Los Angeles, Cal.
Cal. Mill Co., sashes, doors & blinds, 645 Bryant, San Fran., Cal.
Cal. Mission Furn. Co., Dept. H., Berkeley, Cal.
Cal. National Supply Co., oil well supplies, 147 N. Los Angeles, Los Angeles, Cal.
Cal. Notion & Toy Co., 555 Market, San Francisco, Cal.
Cal.-Oregon Lumber Co., 112 Market, San Francisco, Cal.
Cal. Ore Testing Co., 630 Sacramento, San Francisco, Cal.
Cal. Packing Corp., fruits, 101H, California, San Francisco, Cal.
Cal. Paint Co., 1797 12th, Oakland, Cal.
Cal. Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Cal. Pine Box & Lumber Co., 1st Natl. Bk. Bldg., San Fran., Cal.

Cal. Planing Mill & Lbr. Co., Los Angeles, Cal.
Cal. Plow Co., 140 Polhenus, San Jose, Cal.
Cal. Pole & Piling Co., wood cross arms, San Francisco, Cal.
Cal. Polytechnic School, engng. schools & coll., San Luis Obispo, Cal.
Cal. Portland Cement Co., 257 S. Spring, Los Angeles, Cal.
Cal. Pottery Co., Chronicle bldg, San Francisco, Cal.
Cal. Pressed Brick Co., Niles, Cal.
Cal. Purity Paper Bottle Co., Sacramento, Cal.
Cal. Redwood Assn., lbr. Exposition Bldg., San Fransisco, Cal.
Cal. Ripe Olive Co., canned, 24 California, San Francisco, Cal.
Cal. Salt Co., Mills Bldg., San Francisco, Cal.
Cal. Saw Wks., 721 Brannan, San Francisco, Cal.
Cal. Scagliola Co., artificial marble, San Francisco, Cal.
Cal. Shade Cloth Co., 2181 Bryant, San Francisco, Cal.
Cal. Shipbuilding Co., Long Beach, Cal.
Cal. Soap Co., 2437 E. 9th, Los Angeles, Cal.
Cal. Steam & Plumbing Supply Co., 671 5th, San Fran., Cal.
Cal. Steel Co., Inc., steel structural wk., Hobart Bldg., San Francisco, Cal.
Cal. Sugar & White Pine Co., 1st National Bank Bldg., San Francisco, Cal.
Cal. Tallow Works, 214 Front, San Francisco, Cal.
Cal. Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
Cal. Timber Co., Boulder Creek, Cal.
Cal. Tool Works, 181 Beale, San Francisco, Cal.
Cal. Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cal. Woolen Mfg. Co., woolen blankets & flannels, California, Mo.
Calima Canning Co., Los Angeles, Cal.
Calkins Co., machinery, 934 S. Main, Los Angeles, Cal.
Calkins, Milford, lumber mfr., Brant, N. Y.
Calkins & Pearce, gas heaters, 751 E. Long, Columbus, Ohio.
Call Bros. Hardware Co., Pikeville, Ky.
Call, Clarence, insulator pins & brackets, N. Wilkesboro, N. C.
Call., Geo. & Co., stone, L. I. City, N. Y.
Call, John A., sheet metal work, 122H N Franklin, Phila., Pa.
Call-Watt Co., agricultural implements, Richmond, Va.
Callaghan, J., & Son, fire doors, Cleveland, Ohio.
Callaghan & Laubacher Mach. Co., Canton, Ohio.
Callaghan Machine & Die Co., Canton, Ohio.
Callahan Constr. Co., Knoxville, Tenn.
Callahan Constr. Co., Omaha, Neb.
Callahan Constr. Co., Dallas, Tex.
Callahan, Cornelius, Co., Siamese connectors, couplings, etc., 127 Purchase, Boston, Mass.
Callahan, J. W., & Son, heating contr., steam fitters' supplies, Worcester, Mass.
Callahan Lumber Co., Ltd., Midland, La.
Callahan, M. J., architect, Panama Bldg., Portland, Ore.
Callahan, Michael J., htg. contrs., 343 W. 52d, New York.
Callahan & Schock, contractors, Indiana Harbor, Ind.
Callahan, Timothy E., granite, Montpelier, Vt.
Callahan, W. P., Co., gas & gasoline engines, oil mill mchy., etc., Dayton, Ohio.
Callahan, Wm., granite, Quincy, Mass.
Callam, John, & Co., masons' & bldrs.' matls., Kenton, Ohio.
Callam Mills, flour mills, Saginaw, Mich.
Callanan, Geo., & Co., mill & facty. supplies, 218 Front, New York.
Callanan, Martin, glass stainers, 421 N. 19th, Philadelphia, Pa.
Callander, G. F., & Son, masons' & bldrs.' matls., Painesville, O.
Callaway, C. M., Lumber Co., Huntington, W. Va.
Callaway Hardware Co., Fulton, Mo.
Callaway, Wm. E., shoe blacking & polishes, 61 Wilkinson av, Jersey City, N. J.
Callery, W. W., & Co., Pittsburgh, Pa.
Calleson, C. A., machinery dealer, 50 Church, New York.
Calley Lumber Co., Fresno, Cal.
Calligan, A. H., & Co., contrs., 1001 E. Main, Richmond, Va.
Callin, A. C., architect, Pittsburg, Kan.
Callis & Callis, architects, 2055 Kennedy av, Baltimore, Md.
Callis, D. Millard, naval architect, Munsey Bldg., Baltimore, Md.
Callis, Geo. R., Jr., architect, Melvin av, Baltimore, Md.
Callophone Co. of N. Y., loud speaking telephones, 151 Grand, New York.
Callossus & Rhodes, metallic packings, Shreveport, La.
Calman, Emil, & Co., paints, enamels, varnishes, etc., 100 William, New York.
Calmar Mfg. Co., glass, Calmar, Ia.
Calnan, T. C., contractor, Anaconda, Mont.
Calor, C. H., hardware mfr., Plainville, Conn.
Caloric Co., electric stoves & elec. cooking app., Janesville, Wis.
Caloric Furnace Co., 1531 Locust, Phila., Pa.
Calta Glass Wks., homeopathic vials, 460 E. Ohio, Chicago, Ill.
Calumet Brick Co., 111 W. Washington, Chicago, Ill.
Calumet Coal & Teaming Co., 9022 Commercial av, Chicago, Ill.
Calumet Concrete Construction Co., 100 W. 115th, Chicago, Ill.
Calumet Fertilizer Co., New Albany, Ind.
Calumet Fdry. Equipment Co., Harvey, Ill.
Calumet & Hecla Mining Co., copper refiners, etc., Calumet, Mich.
Calumet Iron Wks., steel structural work, 3 Hyatt av, Newark, N. J.
Calumet Steel Co., rolling & steel structural tubing mills, etc., 208 S. La Salle, Chicago, Ill.
Calumet Supply Co., mill & facty. supplies, Gary, Ind.
Calvano, S., Iron Wks., West Hoboken, N. J.
Calvert Aniline & Chemical Co., 28 W. 3d, Cincinnati, Ohio.
Calvert Hdwe. Co., Gary, Ind.
Calvert Mach. Co., 1606 Thames, Baltimore, Md.
Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.
Calvert Stove & Htg. Co., 512 S. Chester, Baltimore, Md.
Calvert's, J., Sons, masons' & bldrs.' matls., McGraw bldg, Detroit, Mich.
Calvet, Pablo & Co., crude rubber, ivory nuts, 99 Water, New York.
Cambre Bros., sashes, doors & blinds, Jackson, Miss.
Cambria Canning Co., Cambria, Wis.
Cambria Collieries Co. (The), Toledo, Ohio.
Cambria Fertilizer Co., Johnstown, Pa.
Cambria Junk Co., scrap iron, Johnstown, Pa.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Cambria Spring Co., auto. springs, Los Angeles, Cal.
Cambria Steel Co., Widener Bldg., Philadelphia, Pa.
Cambrian Limestone Co., Wampum, Pa.
Cambridge Brass Co., elec. fixtures, 50 Sudbury, Boston, Mass.
Cambridge City Casket Co., Cambridge City, Ind.
Cambridge Collieries Co., Rockefeller bldg, Cleveland, Ohio.
Cambridge Cornice & Sheet Metal Wks., 16 E. Dedham, Boston, Mass.
Cambridge Glass Co., Cambridge, Ohio.
Cambridge Iron Wks., Cambridge, Mass.
Cambridge Mfg. Co., lbr., Cambridge, Md.
Cambridge Milling Co., flour, Cambridge, Neb.
Cambridge Packing Co., canned goods, Cambridge, Ia.
Cambridge Plumbing Supply Co., Cambridge, Mass.
Cambridge Roofing Co., Cambridge, Ohio.
Cambridge Slate Co., roofing slate mfrs., Slatington, Pa.
Cambridge Starch Co., Cambridge, Minn.
Cambridge Tile Mfg. Co., Covington, Ky.
Camden Anchor-Rockland Mach. Co., Camden, Me.
Camden Boiler Wks., Inc., asphalt & oil boiling kettles, Welaware River & 26th, Camden, N. J.
Camden Canning Co., Camden, Ohio.
Camden Chem. Mfg. Co., auto. soaps, cements, etc., 1800 Mickle, Camden, N. J.
Camden City Glass Co., Camden, N. J.
Camden Coke Co., toluol, Camden, N. J.
Camden Cotton Oil Co., Camden, Ala.
Camden Copper Works, Inc., pans, evaporators, 559 S. 2nd, Camden, N. J.
Camden Elbow Co., elbows & shoes, conductor pipe, Camden, N. J.
Camden Forge Co., fndrs., Camden, N. J.
Camden Fndry. Co., machsts., Camden, N. J.
Camden Heating Co., Camden, N. J.
Camden Iron Wks. See Roanoke Iron & Bridge Co. (successors).
Camden Lime Co., Camden, N. J.
Camden Lumber Co., Brunswick, Ga.
Camden Lumber Co., Camden, Me.
Camden Packing Co., canned goods, Camden, N. Y.
Camden Pottery Co., Camden, N. J.
Camden Yacht Bldg. & Ry. Co., Camden, Me.
Came, J. E., Co., billiard tables, 114 Sudbury, Boston, Mass.
Camel Co., car doors, 332 S. Michigan av, Chicago, Ill.
Camenisch, John, cornices, La Salle, Ill.
Cameragraph Co., machsts., 906 Baltimore av, Kansas City, Mo.
Cameron, A., lbr., Vass, N. C.
Cameron, A. B., Piano Co., 267 E. 133d, New York.
Cameron, A. S., Steam Pump Works, Bowling Green Bldg., New York. *See adv index at end of book.*
Cameron Appliance Co., connectors, expansion bolts, testing clamps, etc., 48 Waters av, Everett, Mass.
Cameron & Barkley Co., mill & facty. & plumbers' supplies—jobbers, Charleston, S. C.
Cameron Bros., mattresses, 822 Federal, Pittsburg, Pa.
Caferon Clay Products Co., Cameron, Pa.
Cameron Can Machy Co., 240 N. Ashland av, Chicago, Ill.
Cameron Coal Co., real estate, Trust bldg, Phila., Pa.
Cameron & Co., contractors, Ryan Bldg., St. Paul, Minn.
Cameron-Davant Co., mill & facty. supplies, Houston, Tex.
Cameron & Disston, contractors, Hearst Bldg., San Fran., Cal.
Cameron Elec'l Mfg. Co., armatures, commutators, etc., Ansonia, Conn.
Cameron, G. V. & F. W., plate glass, 284 Central av, Albany, N. Y.
Cameron Glass Co., lamp chimneys, globes & shades, Cameron, W. Va.
Cameron, H. C., lbr., Olivia, N. C.
Cameron, J. D., & Son Co., lbr. mfrs., Mobile, Ala.
Cameron, J. E., packing box mfr., Golden Dale, Wash.
Cameron, James L., architect, 10406 Euclid av, Cleveland, Ohio.
Cameron, Joe T., flour mills, Washburn, Tenn.
Cameron, Joyce & Co., contractors, Keokuk, Ia.
Cameron Lbr. Co., Long Bldg., Kansas City, Mo.
Cameron Machine Co., paper slitting & rewinding & fabric cutting Machines, etc., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book.*
Cameron Oil Mill, meal, Cameron, S. C.
Cameron Picture Mach. Co., searchlights, Brooklyn, N. Y.
Cameron Powder Mfg. Co., Emporium, Pa.
Cameron Refining Co., gasoline, kerosene, naptha, gas & fuel oils, Ardmore, Okla.
Cameron, R. H., architect, State Bk. & Tr. Bldg., San Antonio, Tex.
Cameron, R. W., & Co., varnish gum imp., 23 So. William, New York.
Cameron, Schroth Co., steam fitters' supplies, 415 Rush, Chicago, Ill.
Cameron Septic Tank Co., Monadnock blk., Chicago, Ill.
Cameron Stove Co., iron forgings, Richmond, Va.
Cameron-Taylor Lbr. Co., Bull Run, Ore.
Cameron Tool Co., machsts. & fndrs., Cameron, W. Va.
Cameron, W. J., Co., contrs., 106 N. La Salle, Chicago, Ill.
Cameron, W. L., Co., buttons, 507 W. 50th, New York.
Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.
Cameron's, Jas., Sons, contrs. & masons' & bldrs.' matls., Keokuk, Ia.
Camillus Cutlery Co., Camillus, N. Y.
Camm, Geo. E. & Son, machinist, Johnstown, N. Y.
Camm & Hedges Co., sashes, doors & blinds, Petaluma, Cal.
Cammerer, H., & Son, cornices, Nashville, Tenn.
Camp Bros. & Co., agrlt. implts., portable elevators, washing machy., etc., Washington, Ill.
Camp Co., elec. hair dryers, La Crosse, Wis.
Camp & Du Puy, architects, 426 E. Alder, Portland, Ore.
Camp, E. N., & Sons Co., agricultural implements, Moreland, Ga.
Camp Glass Co., window, Huntington, W. Va.
Camp, H. B., Co., underground conduits, Fulton Bldg., Pittsburgh, Pa.
Camp, H. W., Co., fertilizer, Moreland, Ga.
Camp, Harry E., petroleum, Bradford, Pa.
Camp, J. M., carriages, Lincoln, Neb.
Camp, L. W., Co., brick, Akron, Ohio.
Camp Machine Shop, Atlanta, Ga.
Camp Mfg. Co., lumber, Franklin, Va.
Camp Spring Mill Co., flour, Nashville, Ill.
Campbell, A. D., fertilizer mfr., Chipley, Fla.
Campbell, A. S., Co., elec. lamps, lighting systems, etc., 276 Commercial, Boston, Mass.
Campbell, Alden W., architect, 34th J., Sacramento, Cal.
Campbell, Andrew C., spring cotters & keys, Waterbury, Conn.
Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.
Campbell Bros., contractors, Santa Fe, N. M.
Campbell Bros. Co., contractors, Youngstown, Ohio.

Campbell Bros. Co., meat packers, Danville, Ill.
Campbell Bros. Mfg. Co., agricultural implements, Harrison, O.
Campbell Building Co., Newhouse Bldg., Salt Lake City, Utah.
Campbell, C. H., Furn. Co., Dept H, Shelbyville, Ind.
Campbell, C. M., & Sons, masons' & bldrs.' matls., Temple, Tex.
Campbell, C. W., industrial chemicals, 11 Cliff, New York.
Campbell, Christopher, Inc., contractor, 286 5th av, New York.
Campbell & Clute Mach. Co., Cohoes, N. Y.
Campbell & Dann Mfg. Co., rims & felloes, carriage & wagon wheels, Tullahoma, Tenn.
Campbell & Dempsey Co., contractors, Kingston, N. Y.
Campbell, E. D., flour mills, Milford Square, Pa.
Campbell Electric Co., X-ray & electro-medical apparatus, automatic time switches, low voltage, etc., 17 Stewart, Lynn, Mass.
Campbell Fibre Co., Stanton, Del.
Campbell Glass & Paint Co., 816 N. 7th, St. Louis, Mo.
Campbell, H. C., advertising counsellor, Ariel bldg, Erie, Pa.
Campbell, H. L., Constr. Co., Hazleton, Pa.
Campbell Heating Co., Des Moines, Ia.
Campbell & Horigan, modelers & sculptors, 4718 Penn, Pittsburgh, Pa.
Campbell, Hugh, & Son, contractors, Bay City, Mich.
Campbell Iron Co., 821 Cass av, bet. 8th & 9th, St. Louis, Mo.
Campbell, J., Co., canned goods, Camden, N. J.
Campbell, J. E., sash, door & blind, Humboldt, Tenn.
Campbell, J. G. & W., whol. hdwe. & mill & facty. supplies, Butler, Pa.
Campbell, J. M., cooperage stock, Caldwell, Ark.
Campbell, J. M., lubrg. oils & greases, 54 2d, Milwaukee, Wis.
Campbell, Jas. F., & Son, machsts.; file & rasp mfrs., 13 Frost, Brooklyn, N. Y.
Campbell, Jas. I., architect, Woodycrest av & 163d, New York.
Campbell, Jas. N., Co., architects, Penn Bldg., Pittsburgh, Pa.
Campbell, John, & Co., aniline colors, 75 Hudson, New York.
Campbell, John F., contractor, 2440 16th, San Francisco, Cal.
Campbell & Kelly, Inc., machts. & fndrs., Tonopah, Nev.
Campbell & Keppen, clothes pins, Lamont, N. Y.
Campbell, Lewis, pipe supplies, Boyerstown, Pa.
Campbell & Lewis, consulting htg. engineers, Watertown, N. Y.
Campbell Lumber & Mfg. Co., Hoag nr. Dorr, Toledo, Ohio.
Campbell, M. R., rims & felloes, carriage & wagon, Tullahoma, Tenn.
Campbell Machine Co., San Diego, Cal.
Campbell Machy. Co., 35 W. 39th, New York.
Campbell, Manson & Sons Co., Ltd. See Monmouth Plow Factory (successors).
Campbell Mill Co., lbr., Redmond, Wash.
Campbell, Moore Lbr. Co., Glacier, Wash.
Campbell & Morgan, contrs., Appleton, Wis.
Campbell, Morrell & Co., masons' & bldrs.' matls., Passaic, N. J.
Campbell Motor Car Co., Kingston, N. Y.
Campbell Napoleon, lbr., 2453 W. 54th, Seattle, Wash.
Campbell, O. A., contractors' tents, 1252 W. 24th, Los Angeles, Cal.
Campbell, P. D., & Co., chemicals, minerals & woodflour, etc., 401 E. 36th, New York.
Campbell Paper Box Co., South Bend, Ind.
Campbell, Peter F., grinding mills, 51 Laurel, Phila., Pa.
Campbell & Price, contrs., Oklahoma, Okla.
Campbell Redwood Lbr. Co., Pescadero, Cal.
Campbell, Robert B. Co., mill & facty. supplies, 6 Beacon, Mass.
Campbell, S. K., Co., agricultural implements, Central Bridge, N. Y.
Campbell, Shiras, architect, 103 Park av, New York.
Campbell & Smiley, heating contr., 30 Church, New York.
Campbell-Smith-Ritchie Co., sash, door & blind, Lebanon, Ind.
Campbell Supply Co., mill & facty. & plumbers' supplies—jobbers, 570 Columbus av, New York.
Campbell, T. J., machy. dlrs., 974 Beach, Philadelphia, Pa.
Campbell, Thos. E., & Co., cut glassware, 42 S. 8th, Brooklyn, N. Y.
Campbell, Thos. M., architect, Augusta, Ga.
Campbell, W. A., architect, Cutler Bldg., Rochester, N. Y.
Campbell, W. H., contractor, Ithaca, N. Y.
Campbell, W. J., Lbr. Co. (Ltd.), Oshkosh, Wis.
Campbell, W. M., flour mills, Gillham, Ark.
Campbell, W. S., cornices & skylights, Carrollton, Ga.
Campbell & Wall., contractors, Troy, N. Y.
Campbell, Walter M., pen archl. water colorists, 8 Beacon, Boston, Mass.
Campbell, Wm., contractor, Troy, N. Y.
Campbell, Wm., Co., fireless cookers, 160 Merritt, Detroit, Mich.
Campbell, Wm., Wall Paper Co., Hackensack, N. J.
Campbell Wire Specialty Wks., South Bend, Ind.
Campbell, Wyant & Cannon Fdry. Co., Muskegon, Mich.
Campbellsville Canning Co., Campbellsville, Ky.
Campbellsville Lumber Co., Campbellsville, Ky.
Campbellsville Mfg. Co., woolen blankets, Campbellsville, Ky.
Campen Co., contractors, Omaha Natl. Bk. Bldg., Omaha, Neb.
Campen, Sam'l. M., lumber, Alliance, N. C.
Campf, Ralph, contractor, Paterson, N. J.
Campfield, Raggle, Black Co., Colonial Bldg., Richmond, Ind.
Campo, B., mason, Stafford Springs, Conn.
Campobello Oil Mills, meal, Campobello, S. C.
Campville Brick Co., Campville, Fla.
Canadian-Am. Cereal Products Co., Produce Exch., New York.
Canadian-Am. Lumber Co., Spokane, Wash.
Canadian Knitting Mills, sweaters, cardigans, etc., 86 Meserole, Brooklyn, N. Y.
Canadian-Leonard Const. Co., 332 So. Michigan av, Chicago, Ill.
Canadian Mill & Elevator Co., El Reno, Okla.
Canady-Blaisdell Corp., fuel economizers, 90 West, New York.
Canal Construction Co., 189 W. Madison, Chicago, Ill.
Canal Lumber Co., wood pipe, Seattle, Wash.
Canal Lbr. Co., Benmore, Miss.
Canal Mfg. Co., sash, door & blind, Seattle, Wash.
Canan Building Supply Co., Altoona, Pa.
Canan-Knox Supply Co., masons' & bldrs.' matls., Altoona, Pa.
Canandaigua Kraut Co., canned, Canandaigua, N. Y.
Canasawacta Knitting Co., bathing suit mfrs., Sherburne, N. Y.
Canastota Canning Co., Canastota, N. Y.
Canby, Hy. M., lbr., Wilmington, Del.
Cancos Mfg. Co., packing, Garden & Bridge, Philadelphia, Pa.
Canda, M. M., masons' & bldrs.' matls., 184 3d, Brooklyn, N. Y.
Candee Incubator & Brooder Co., Eastwood, N. Y.
Candee, Smith & Howland Co., masons' & bldrs.' matls., ft. E. 26th, New York.
Candelaria Fowler Timber Co., Arboles, Colo.
Candelet, J. E., & Co., contractors, 10 Warrington, Providence, R. I.
Candell, Wm. M., architect, 507 W Delavan av, Buffalo, N. Y.
Candler Dock & Dredge Co., Moffat Bldg., Detroit, Mich.
Candler, Duncan, architect, 105 W. 40th, New York.
Candler Elec. Lamp Co., 34 W. 37th, New York.
Candler, Geo. V., Co., cornices & port. fireproof garages, 1092 Jefferson av, Detroit, Mich.
Candler, J. D., Roofing Co., cornices, 179 High., E. Detroit, Mich.
Candler Radiator Co., Shoemaker rd, Lillibridge, Detroit, Mich.
Candler, Robt., Co., cornices & skylights, 963 Beaubien, Detroit, Mich.
Cando Implement Co., machsts. & fndrs., Cando, N. D.
Candor Blanket Co., Candor, N. Y.
Candvo & Grizzello, contrs., Toronto, O.
Candy & Co., beeswax, insulating compounds, etc., 403 N. Paulina, Chicago, Ill.
Candy & Nut Machine Co., Toledo, Ohio.
Cane Valley Mill Co., Cane Valley, Ky.
Cane, W. H. & F. W., contractors, 233 B'way, New York.
Canedy-Otto Mfg. Co., machsts. & fndrs., portable forges, Chicago Heights, Ill.
Canfield, Alfred, billiard tables, 199 Market, Newark, N. J.
Canfield, Chas., architect, Arlington, Vt.
Canfield, D. H., architect, Middletown, N. Y.
Canfield Gas Engine Co., Binghamton, N. Y.
Canfield, H. C., lawn swings, Batesville, Ind.
Canfield, H. O., Co., plumbers' rubber goods, Bridgeport, Conn.
Canfield, Lee, Lumber Co., Cedar Rapids, Ia.
Canfield Lumber Co., Waterloo, Ia.
Canfield Mfg. & Novelty Co., handles (wood), Canfield, Ohio.
Canfield, M. C., Sons Co., babbitt & solder, 93 Wilsey, Newark, N. J.
Canfield Oil Co., oils, wax, greases, varnishes, etc., 3210 E. 55th, Cleveland, Ohio.
Canfield Rubber Co., Bridgeport, Conn.
Canfield Supply Co., plumbers' supplies—jobbers, Kingston, N. Y.
Canham, Victor H. & Co., garment hangers, Buffalo, N. Y.
Canister Co. of N. Jersey, cans, cases, lacquering, etc., Broad, Phillipsburg, N. J.
Cann & Carrubia, architects, 119 N 7th, St. Louis, Mo.
Cann & Saul Steel Co., pipe straps, hangers, & iron & steel forgings, 516 Commerce, Philadelphia, Pa.
Cannella, Chas. P., architect, 60 Graham av, Brooklyn, N. Y.
Cannelton Coal & Coke Co., Cannelton, W. Va.
Cannelton Planing Mill Co., sashes, doors & blinds, Cannelton, Ind.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Cannelton Stoneware & Pottery Co., Cannelton, Ind.
Cannici, Harry S., architect, 42 Church, New Haven, Conn.
Canniff, W. C., & Co., granite, Quincy, Mass.
Canning Trade, publications, State Bk. of Md. Bldg., Baltimore, Md.
Cannon Die Tool & Machine Co., 86 W. Lynn, Columbus, Ohio.
Cannon, E. W., architect, Central Bk. Bldg., Oakland, Cal.
Cannon Falls Canning Co., Cannon Falls, Minn.
Cannon, Fermor, architect, 21 Virginia av, Indianapolis, Ind.
Cannon & Fetzer, architects, Templeton Bldg., Salt Lake City, Utah.
Cannon, H. P., & Son, canned goods, Bridgeville, Del.
Cannon, Lewis Telle, architect, 376 2nd av, Salt Lake City, Utah.
Cannon Lbr. Co., 5054 Garfield av, St. Louis, Mo.
Cannon Mfg. Co., shade cloth, Concord, N. C.
Cannon Oiler Co. (successor to R. E. Bloomer), Keithsburg, Ill.
Cannon-Swenson Co., alkali plants, consulting, designing & contr. engineers, 53 W. Jackson blvd., Chicago, Ill.
Cannon, T. J., & Sons Machine Co., designers & builders of special machinery, tools, etc., Lynn, Mass.
Cannon Valley Milling Co., flour, 822 Flour Ex., Minneapolis, Minn.
Cannon, Will A., architect, 311 Niagara, Niagara Falls, N. Y.
Canon Oil & Fertilizer Co., Canon, Ga.
Canonsburg Pottery Co., Canonsburg, Pa.
Canonsburg Steel & Iron Wks., Canonsburg, Pa.
Cantasano, Vito G., & Bros., cotton waste, 185 South, New York.
Canterbury, A. C., flour mills, Turtle Creek, W. Va.
Cantin, A. A., architect, 68 Post, San Francisco, Cal.
Cantine, Martin, Co., paper & pulp mills, Saugerties, N. Y.
Cantol Wax Co., Bloomington, Ind.
Canton, A. N., architect, Silvey bldg, Atlanta, Ga.
Canton Art Metal Co., cornices & skylights, Canton, Ohio.
Canton Auto Parts Mfg. Co., pistons, rings, Canton, Ohio.
Canton Box Co., packing, 2515 Boston, Baltimore, Md.
Canton Brass Foundry Co., Canton, Ohio.
Canton Bridge Co., Canton, Ohio.
Canton Bros., granite, Barre, Vt.
Canton Buggy Co., Canton, Ohio.
Canton Canning Co., Canton, Ohio.
Canton Cement Specialty Co., Canton, Ohio.
Canton Clay Products Co., crockery, Canton, Ohio.
Canton Cornice & Skylight Co., Canton, Ohio.
Canton Cotton Mills, Canton, Ga.
Canton Culvert & Silo Co., Canton, Ohio.
Canton Cutlery Co., Canton, Ohio.
Canton Drop Forging & Mfg. Co., Canton, Ohio.
Canton Elec-Cut Co., meat choppers & slicers, Canton, Ohio.
Canton Electric Sign Co., Canton, Ohio.
Canton Engineering & Electric Co., Canton, Ohio.
Canton Fertilizer & Chemical Co., Canton, Ohio.
Canton Feed & Milling Co., Canton, O.
Canton Fertilizer Co., Canton, Ga.
Canton Foundry & Machine Co., Canton, Ohio.
Canton Furniture Mfg. Co., revolving bookcases & desks, Canton, Ohio.
Canton Glass Co., stationers, chemical & druggists, etc., glassware, Marion, Ind.
Canton Grate Co., oil filters, Canton, Ohio.
Canton Grey Lime Co., Canton, Ohio.
Canton Hardware Co., Canton, Ohio.
Canton Incandescent Light Co., Canton, Ohio.
Canton Iron & Metal Co., Canton, Ohio.
Canton Ladder Co., Canton, Ohio.
Canton Lbr. Co., Boston, ft. of Kenwood av, Baltimore, Md., & Canton, Mo.
Canton Lumber Co., Canton, Ohio.

Canton Mach. Shop, spec. machy., Canton, Ohio.
Canton Malleable Iron Co., founders, Canton, Ohio.
Canton Mattress Co., Canton, Ohio.
Canton Metal Ceiling Co., Canton, Ohio.
Canton Paint & Glass Co., Canton, Ohio.
Canton Pattern & Mfg. Co., Canton, Ohio.
Canton Planing Mill Co., Canton, Mo.
Canton Pressed Brick Co. See Belden Brick Co. (successors).
Canton Provision Co., Canton, Ohio.
Canton Razor Strop Co., Inc., Canton, Ohio.
Canton Rubber Co., Canton, Ohio.
Canton Saw Co., circular saws, Canton, Ohio.
Canton Sash Weight Co., Canton, Ohio.
Canton Sheet Steel Co., Canton, Ohio.
Canton Sign Co., elec. signs, Canton, Ohio.
Canton Stamping & Enameling Co., Canton, Ohio.
Canton Steel Foundry Co., Canton, Ohio.
Canton Steel Roofing Co., sheet steel ceilings, Canton, Ohio.
Canton Supply Co., mill & facty. supplies, Canton, Ohio.
Canton Tent & Awning Co., Canton, Ohio.
Canton Tile Hollow Brick Co., New Bethlehem, Pa.
Canton Trunk Co., Canton, Ohio.
Cantor & Dorfman. See M. A. Cantor (successor).
Cantor, Jos., rubber substitutes, etc., 54 Stone, New York.
Cantor, M. A., architect, 373 Fulton, Brooklyn, N. Y.
Cantrell Constr. Co., 30th & Walnut, Philadelphia, Pa.
Cantrell, Fred. Co., Inc., mill & facty. supplies, Chattanooga, Tenn.
Cantslip Mfg. Co., rubber mats, 16 Cedar, New York.
Cantwell Hardware Co., Kenton, Ohio.
Canvas Glove Mfg. Works, 177-79 Stagg, Brooklyn, N. Y.
Canvass Decoy Co., Union City, Tenn.
Canyon Lime Co., crushed stone, etc., E. Las Vegas, N. Mex.
Canyon Lbr. Co., Everett, Wash.
Cap-Swivel-Let Co., conduit fittings, Warren, R. I.
Capac Paper Co., Capac, Mich.
Caparn, Harold A., landscape architect, 220 W. 42nd, New York.
Cape Ann Anchor Works, Gloucester, Mass.
Cape Ann Lumber Co., masons' & bldrs.' matls., Gloucester, Mass.
Cape Ann Tool Co., Rockport, Mass.
Cape Cod Shipbuilding Co. See Cape Cod Shipbldg. Corp. (successors).
Cape Cod Shipbldg. Corp., launch, motor boat & yacht bldrs., Wareham, Mass.
Cape Cod Specialty Co., canned goods, North Truro, Mass.
Cape County Milling Co., flour, Jackson, Mo.
Cape Fear Mach. Works. See Broadfoot Iron Works, Inc. (successors).
Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.
Cape Girardeau Press Brick Co., Cape Girardeau, Mo.
Cape, Hy., lbr., 52 Vanderbilt av, New York.
Cape, Jas., & Sons Co., contractors, Racine, Wis.
Cape Lime & Marble Co., Cape Girardeau, Mo.
Cape May Glass Co., Cape May Court House, N. J.
Cape May Sand Co., Cape May, N. J.
Capell Salt Co., Salt Lake City, Utah.
Capelle, A. J., architect, Woods Bldg., Evansville, Ind.
Capelle Hardware Co., Wilmington, Del.
Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.
Capen, G. W., architect, Canton, Mass.
Capen, John F., architect, 207 Market, Jersey City, N. J.
Capewell Horse Nail Co., Hartford, Conn.
Caphenin Chem. Co., soap, Waverly, Iowa.
Capital Box Factory, turned wood, Sacramento, Cal.
Capital Buggy Co., Henderson, N. C.
Capital Brass Fdry., castings, Salt Lake City, Utah.
Capital City Casket Co., Sacramento, Cal.
Capital City Culvert Co., Madison, Wis.
Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
Capital City Lime & Cement Co., Starkey & Indiana, St. Paul, Minn.
Capital City Vitrified Brick & Paving Co., masons' supplies, Topeka, Kans.
Capital Constr. Co., 415-18 E. Market, Indianapolis, Ind., Madison, Wis. & Portner, Washington, D. C.
Capital Contrs' Supply Co., 230H E. Ohio, Indianapolis, Ind.
Capital Die Tool & Mach. Co., 619 No. 4th, Columbus, O.
Capital Elec. Co., armatures, Springfield, Ill.
Capital Elec. Co., clothes washing machines, 321 Sheldon, Chicago, Ill.
Capital Elec. Co., incandescent elec. lamps, Denver, Colo.
Capital Electric Co., steps, poles, Salt Lake City, Utah.
Capital Fertilizer Co., Montgomery, Ala.
Capital Furn. Mfg. Co., Dept H, Sacramento, Cal.
Capital Gas Engine Co., Indianapolis, Ind.
Capital Hill Monument Co., Des Moines, Ia.
Capital Iron Works Co., Topeka, Kan.
Capital Lime Stone Co., Columbus, Ohio.
Capital Lumber & Mfg. Co., Frankfort, Ky.
Capital Mach. Co., Indianapolis, Ind.
Capital Mastic Co., contrs., Sacramento, Cal.
Capital Porcelain Mfg. Co., Trenton, N. J.
Capital Rattan Co., furniture, Naomi & Shelby, Indianapolis, Ind.
Capital Seat & Nov. Co., 369 3d av, New York.
Capital Stone Co., Atlanta, Ga.
Capital Wire Co., Madison, Wis.
Capitol Brass Wks., brass founders & finishers, 596 Franklin, Detroit, Mich.
Capitol Castings Co., machsts. & fndrs., Lansing, Mich.
Capitol City Iron Wks., Olympia, Wash.
Capitol City Lbr. Co., Hartford, Conn.
Capitol City Machine Works, Montgomery, Ala.
Capitol City Supply Co., mill & facty. supplies & steam fitters, Charleston, W. Va.
Capitol City Vitrified Brick & Paving Co., Topeka, Kan.
Capitol Constr. Co., Ruggery Bldg., Columbus, Ohio.
Capitol Foundry Co., Denver, Colo.
Capitol Fdry. Co., Hartford, Conn.
Capitol Knit Wks., sweaters, cardigans, etc., 133 Fulton, Brooklyn, N. Y.
Capitol Lbr. Co., Indianapolis, Ind.
Capitol Milling Co., flour, Los Angeles, Cal.
Capitol Paint & Varnish Co., Washington, Pa.
Capitol Refining Co., petroleum & its products, Stockyards, Cal.
Capitol Refining Co., 343 Sansome, San Francisco, Cal.
Caplan Galvanized Iron Cornice Co., 4414 Easton av, St. Louis, Mo.

Caplan, Julius H., scrap iron, Lebanon, Pa.
Caplan, Philip, architect, 16 Court, Rockaway Beach, N. Y.
Caplan, S., & Co., bristles, hair, 80 Pine, New York.
Capoli Button Works, Lansing, Ia.
Cappel, A., & Son, umbrella mfrs., Dayton, Ohio.
Capps, B. W., cornices & skylights, Memphis, Tenn.
Capps, J., & Sons (Ltd.), woolen blankets, Jacksonville, Ill.
Caprado, A. V., architect, 105 N. Clark, Chicago, Ill.
Caprio & Grieco, contractors, Lock Haven, Pa.
Capron Co., belt buckles, 70 Ship, Providence, R. I.
Caproni, P. P., & Bro., stucco wk., 1914 Washington, Boston, Mass.
Capstan Glass Co., tumblers, Connellsville, Pa.
Caputa & Sojka, contractors, Scranton, Pa.
Carabelli, Jos., Monumental Works, 12317 Euclid av, Cleveland, Ohio.
Caraleigh Phosphate & Fertilizer Works, Raleigh, N. C.
Caravel Co., chemicals, dyestuffs, etc. (brokers), 13-21 Park row, New York.
Carbaugh Brick & Tile Wks., Fort Smith, Ark.
Carbaugh, Wm. H., brick, New Oxford, Pa.
Carbic Mfg. Co., calcium carbide, Duluth, Minn.
Carbo Corp., posts (iron & steel), Chicago Heights, Ill.
Carbo-Hydrogen Co., of America, hydro-carbon gas & leadburning & welding-apparatus, Benedum Trees bldg., Pittsburgh, Pa.
Carbo Steel Products Co., 2600 W. 111th, Morgan Park sta., Chicago, Ill.
Carbola Chemical Co., Inc., talcum powder mfrs. & mixers, 5 E. 42nd, New York.
Carbolineum Importing Co., 76 Wall, New York.
Carbolineum Wood Preserving Co., of Oregon, Portland, Ore.
Carbolineum Wood Preserving Co. of Wis., Milwaukee, Wis.
Carbolineum Wood Preserving Co. of N. Y. See Protexol Corp. (successor).
Carbon Brush Supply Co., Weightman bldg, 1524 Chestnut, Phila., Pa.
Carbon Coal Co., Pittsburg, Kans.
Carbon Fuel Co., coal mine, Carbon, W. Va.
Carbon Furnace Co., Ltd., Mauch Chunk, Pa.
Carbon Iron & Steel Co., Ltd. See Carbon Furnace Co. (successors).
Carbon Limestone Co., Youngstown, Ohio.
Carbon Machy. & Equipment Co. (see Mayer Boating Machines Co.), Rochester, N. Y.
Carbon Paint Co., Felt bldg, Salt Lake City, Utah.
Carbon Slate Co., slate blackboards, Slatington, Pa.
Carbon Steel Casting Co., Lancaster, Pa.
Carbon Steel Co., bar mills, ft. 32nd, Pittsburgh, Pa.
Carbondale Mach. Co., machsts. & fndrs., Carbondale, Pa.
Carbondale Milling Co., flour, Carbondale, Pa.
Carbondale Sponge Co., 89 Fulton, New York.
Carborundum Co., emery wheels, stones, etc., Niagara Falls, N. Y.
Card, A. H., lbr., Pineville, Ky.
Card Board Toy Co., 1st Wis. Nat'l Bank bldg., Milwaukee, Wis.
Card. C. S., Iron Works Co., Denver, Colo.
Card, Earl J. M. See Earl J. M. Lumber Co. (successor).
Card, Earle, Lbr. Co., 1159 Wabash, Detroit, Mich.
Card, I. P., architect, Corona, N. Y.
Card, J. M., Lumber Co., Chattanooga, Tenn.
Card, S. W., Mfg. Co., dies, reamers, taps, etc., Mansfield, Mass.
Cardiff Green Marble Co., Cardiff, Md.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Cardinal Cabinet Co., Wabash, Ind.
Cardington Cabinet Co., Cardington, Ohio.
Cardo Bros. & Co., granite, 3167 E. Tremont av, New York.
Cardo Michael, architect, 158 W 45th, New York
Cards, M. A., architect, 2153 Belmont av, New York.
Cardwell Blue Print & Supply Co., Denver, Colo.
Cardwell Mach. Co., machy. mfrs., 1900 E. Cary, Richmond, Va.
Cardwell Mfg. Co., gear draft, etc., McCormick Bldg., Chicago, Ill.
Caretti, John, & Co., floor mosaics, 53 Austin, Chicago, Ill.
Carew, Henry, contractor, 210 Jos-Campau, Detroit, Mich.
Carew, Jos F., stone producers, Gerard & Mass. av, Boston, Mass.
Carew Mfg. Co., paper & pulp mills, & typewriter paper, S. Hadley Falls, Mass.
Carey Box & Lbr. Co., sash, door & blind mfrs., 634 1st, Brooklyn, New York.
Carey Brick Co., 133 W. Washington, Chicago, Ill.
Carey Bros., flour mills, Tatham Springs, Ky.
Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Philadelphia, Pa.
Carey Concrete Co., all kinds concrete products, Grand Rapids, Mich.
Carey Const. Co., concrete piles, Cleveland, Ohio.
Carey, G. H., comm. railroad supplies, 1H B'way, New York.
Carey, J. B., stone producers, Convoy, Ohio.
Carey, J. D., Co., contractors, Citizens Bldg., Cleveland, Ohio.
Carey, J. F., contr. & stone producer, Winsted, Conn.
Carey, Jas, sash, door & blind mfr., Copenhagen, N. Y.
Carey, Jas. L., mill engineers, 208 N. Laramie av, Chicago, Ill.
Carey, Jno. W., architect, Mer. Natl. Bk. Bldg., San Francisco, Cal.
Carey, Lawrence, contrs., Rome, N. Y.
Carey-Lombard, Young & Co., lumber mfrs., 332 S. Michigan av, Chicago, Ill.
Carey, McFall Co., auto body hdwe & lamps, 2154-8 E. Dauphin, Phila., Pa.
Carey Mach. Co., 5606 Curtiss av, Cleveland, Ohio
Carey Machinery & Supply Co., mill & facty. supplies, 119 E. Lombard, Baltimore, Md.
Carey, Owen, contr., Waterbury, Conn.
Carey, Philip, Mfg. Co., paper & pulp mills, roofing, asbestos felting, etc., 330 Wayne av, Lockland, Cincinnati, Ohio.
See adv index at end of book
Carey-Reed Co., contrs., Lexington, Ky.
Carey Salt Co., Hutchinson, Kans.
Carey, Thos. & Sons, Clinton, Iowa.
Carey, W. W., Co., woodworking machy., etc., Lowell, Mass.
Cargill-Cleveland & Co., whip mfrs., Westfield, Mass.
Cargo Shingle Co., Everett, Wash.
Carhart, A. L., contractor, 323 Penfield bldg, Philadelphia, Pa.
Carhart Constr. Co., Atlantic Highlands, N. J.
Carhartt, Hamilton, Cotton Mills, Rock Hill, S. C.
Caril, Jesse E., ship bldrs., Northport, N. Y.
Carkeek, Thos. T., architect, Lincoln Bldg., Dubuque, Ia.
Carl, Frederick, machsts., 623 H, Washington, D. C.
Carl J. Horn, archit., Logansport, Ind.

Carl, John H, sash, doors & blind mfrs., 510 1st av, New York
Carl, Max J., Machine Co., Blackstone bldg., Cleveland, O.
Carland, J. C., & Co., contractors, Spitzen Bldg., Toledo, Ohio.
Carlaw Bros., granite producers, Sacramento, Cal.
Carleton Canoe Co., Old Town, Me.
Carleton Co., contractors, 151 W. 42d, New York.
Carleton Co., elec. portable fans, 170 Summer, Boston, Mass.
Carleton, E. Everett & Co., varnish gums, shellac, 133 Front, New York.
Carleton Furn. Co, Dept H, Portland, Me.
Carleton & Moffat, oils, gambier, etc., 80 Maiden la, New York.
Carleton, Norwood & Co., ship builders, Rockport, Me.
Carley, C. R., patterns & models, 318 E. Water, Syracuse, N. Y.
Carley Heater Co., machsts. & fndrs., Olean, N. Y.
Carley, Ira, lumber, Ingalls, Mich.
Carlin, Anthony, Co., rivet mfrs., 2717 E. 75th, Cleveland, Ohio.
Carlin Calculator Co., machy., calculating machs., Chicago, Ill.
Carlin, D. N., Co., toys, 127 Denniston, Pittsburgh, Pa.
Carlin & Fulton Co., wholesale hdwe., 309 Redwood, Baltimore, Md.
Carlin Iron Wks., 310 W. 40th, New York.
Carlin, John H., Machine Co., Pittsburgh, Pa.
Carlin, John J., architect, Drexel Bldg., Philadelphia, Pa.
Carlin, John H., Mach. Co., mill & factory supplies, 161 E Lacock, Pittsburgh, Pa.
Carlin, P. J., Constr. Co., 1123 B'way, New York.
Carlin, Thos. F., contractor, West New Brighton, N. Y.
Carlisle-Ayer Co., sash, door & blind, 42 Washington, North, Boston, Mass.
Carlisle Brick Co., Carlisle, Pa.
Carlisle, E. A., & Pope Co., sash, door & blind mfrs., 98 Canal, Boston, Mass.
Carlisle & Finch Co., gas engines, motors, search lights, etc., 229 E. Clifton av, Cincinnati, Ohio.
Carlisle & Gale Co., exhaust & blow piping, 5 North, Boston, Mass.
Carlisle Hardware Co., hardware, mill & facty. supplies, 326 Main, Springfield, Mass.
Carlisle, Louis G., architect, Vicksburg, Miss.
Carlisle Milling Co., flour, Carlisle, Ky.
Carlisle Packing Co., canned goods, Seattle, Wash.
Carlisle-Pennell Lumber Co., sash, door & blind, Atchison, Kans.
Carlisle Rice Mill Co., Carlisle, Ark.
Carlisle & Schilling Bros., fndrs., Poplar av & Henry, Columbus, Ohio.
Carlisle & Sharrer, architects, Jenkins Arcade, Pittsburgh, Pa.
Carll Bros., canned goods, Waterboro, Me.
Carll Canning Co., Augusta, Me.
Carlls, C. W., Sons, metal cornices, etc., Warren & Front, Trenton, N. J.
Carlon Construction Co., Oskaloosa, Ia.
Carlon, F. K., ship chandlery & mill supplies, Norfolk, Va.
Carlsborg Mill & Timber Co., Carlsborg, Wash.
Carlson, Aaron, sash, door & blind, 15th av, nr Central av, Minneapolis, Minn.
Carlson, A. E., contractor, Kewanee, Ill.
Carlson, A. M. & Son, patent specialists, Dispatch Bldg., St. Paul, Minn.
Carlson, Arthur G., architect, 226 Henry, Brooklyn, N. Y.
Carlson & Barger, scrap iron & steel, Northampton, Mass.
Carlson Bros. Co., cornices, Superior, Wis.
Carlson, Ernest F., Co., contrs., Springfield, Mass.
Carlson Forgings Co., 733H Fulton, Chicago, Ill.
Carlson, Frank A., contractor, Duluth, Minn.
Carlson, John L., sash, door & blind mfr., Sioux City, Ia.
Carlson & Johnson, contrs., 4437 Stevens av, Minneapolis, Minn.
Carlson, J. P., contractor, Red Wing, Minn.
Carlson, J. S., & L. Co., contractors, Montclair, N. J.
Carlson, L. M., woven wire mattresses, Grand Island, Neb.
Carlson Lbr. Co., Mineral, Wash.
Carlson Hoist & Mach. Co., hod. elev., 1074 St. Marks av, Brooklyn, N. Y.
Carlson Operating Co. See Carlson Hoist & Machine Co. (successors).
Carlson, Oscar W., contractor, 86 Gallatin, Providence, R. I.
Carlson & Russ, machsts., 2319 Rich. ter, Port Richmond, N. Y.
Carlson & Torell Co., contractors, New Britain, Conn.
Carlson, Victor J., contrs., 445 Vancouver, Portland, Ore.
Carlson-Wenstrom Co. See Lippincott-Carwen Co. (successors).
Carlson & Wiseman, architects, 23 W 43rd, New York
Carlsted Bros., contractors, Bldrs. Exch., Minneapolis, Minn.
Carlton, Chas. W., architect, Chattanooga, Tenn.
Carlton Consolidated Lbr. Co., Carlton, Ore.
Carlton, E. G., & Sons, woolen flannels, Rochdale, Mass.
Carlton, F. W., contractor, Bath, Me.
Carlton, F. W., dock bldrs., Woolwich, Me.
Carlton Hardware Co., Calumet, Mich.
Carlton Machine Tool Co., drilling machines, Cincinnati, Ohio.
Carlton Mills Co., bathing suit mfrs., Coral & Adams, Phila., Pa.
Carlucci, Nicholas, stone prod., Scranton, Pa.
Carlyle Milling Co., flour, Carlyle, Ill.
Carlyle Paper Co., Carlyle, Ill.
Carlyle Paving Brick Co., Portsmouth, Ohio.
Carman & Fryer, freight elev., Indianapolis, Ind.
Carman Mfg. Co., ash cans, Columbus, Ohio.
Carman Mfg. Co., beds, matresses, Portland, Ore.
Carman Mfg. Co., furniture, Dept H, R. R. & Mass., Seattle, Wash.
Carman Mfg. Co., machsts. & fndrs., Tacoma, Wash.
Carman-Thompson Co., mill & facty supplies, Lewiston, Me.
Carmichael Constr. Co., Akron, Ohio.
Carmichael, D., furn., Dept. H, Sacramento, Cal.
Carmichael, D. G., contractor, 902 Chapel, New Haven, Conn.
Carmichael, Hy., chemical engrs., 88 Broad, Boston, Mass.
Carmichael Lumber Co., McDonough, Ga.
Carmichael, Wm. P., contractor, Rialto Bldg., St. Louis, Mo.
Carmichael, Wm. P., Co., contractors, Williamsport, Ind.
Carnahan Mfg. Co., hard wood doors, Loogootee, Ind.
Carnahan Tin Plate & Sheet Co., Canton, Ohio.
Carnation Milk Products Co., canned goods, Seattle, Wash.
Carneal & Johnston, architects, Chamber of Com., Richmond, Va.
Carnegie Brick & Stone Co., Carnegie, Pa.
Carnegie Coal Co., bituminous, Oliver bldg, Pittsburgh, Pa.
Carnegie Institute of Technology, engng. school & coll., Schenely pk, Pittsburgh, Pa.
Carnegie, John L., & Son, contrs., 189 N. Madison, Chicago, Ill.
Carnegie Steel Co., blast furnaces, iron rolling mills, machsts. & fndrs., etc., Carnegie Bldg., Pittsburgh, Pa.
Carnegie, Wm. G., architect, 189 W. Madison, Chicago, Ill.
Carnell, Geo., brick machinery, 1819 N. 5th, Philadelphia, Pa.
Carnell, Wm., & Son, machsts. & fndrs., Glassboro, N. J.
Carner & Lang, architects, 110 W. 34th, New York.
Carnesville Gin & Milling Co., Carnesville, Ga.
Carney, B. J., & Co., ties, poles & posts, Grinnell, Ia.
Carney, J., Coal Co., masons' & bldrs.' matls., Waltham, Mass.
Carney Lumber Co., 2335 Laflin, Chicago, Ill.
Carney Paper Co., Maumee, Ohio.
Carney, W. M., Mill Co., lumber, Atmore, Ala.
Carney's Cement Co., Mankato, Minn.
Carnham, Victor H., & Co., garment hangers, Buffalo, N. Y.
Carnick, R., scrap iron, Franklin, Pa.
Carnie-Goudie Mfg. Co., hammock mfrs., 613 Cherry, Phila., Pa. & Grand av, Kansas City, Mo.
Carnotite Reduction Co., sodium, acid, etc., E. 26th & So. Park av, Chicago, Ill.
Carnwath, Bell & Co., packing box mfrs., 613 Cherry, Phila., Pa.
Carola Co., talking machines, 118 Noble Ct., Cleveland, Ohio.
Carolin, R. B., brass & composition fndrs., 833 Superior, Detroit, Mich.
Carolina Bagging Co., Henderson, N. C.
Carolina, Barytes Co., 101 Pk. av, New York.
Carolina Brick Co., Kingston, N. C.
Carolina Buggy Mfg. Co., Henderson, N. C.
Carolina Cross Arm Co., Elkin, N. C.
Carolina Feldspar Co., Asheville, N. C.
Carolina Fdry. & Mach. Co., Winston-Salem, N. C.
Carolina Fibre Co., Hartsville, S. C.
Carolina Lumber Mfg. Co., Charlotte, N. C.
Carolina Mach. Co., Fayetteville, N. C.
Carolina Metal Co., babbitt metal, Shelby, N. C.
Carolina Mills, bags & bagging, Greenville, S. C.
Carolina Mineral Co., Penland, N. C.
Carolina Parlor Furn. Co., Dept H, Statesville, N. C.
Carolina Phosphate Co., fertilizer mfrs., Greenville, S. C.
Carolina Pine Products Co., tar mfrs., Cleveland, Ohio.
Carolina Portland Cement Co., Charleston, S. C.
Carolina Spruce Co., Pensacola, N. C.
Carolina Stave Co., Bethel, N. C.
Carolina Supply Co., mill & facty. supplies, Greenville, S. C.
Carolina Washboard Co., Raleigh, N. C.
Carolina Wood Products Co., lbr., Asheville, N. C.
Carolina Woodenware Co., lard tubes, Fayetteville, N. C.
Carolus Mfg. Co., models & experimental work, Sterling, Ill.
Caron, August S., contractor, Oak Park, Ill.
Caron Granite Co., Milford, N. H.
Carondelet Fndry Co., 2101 S. Kingshighway blvd, St. Louis, Mo.
Carondelet Packing Co., meat, 8000 Ivory av, St. Louis, Mo.
Carondelet Planing Mill Co., 5826 S. B'way, St. Louis, Mo.
Carothers, A. K., stone producers, Williamsport, Pa.
Carow, J. & Co., jewelry cases, 85 Warren, New York.
Carpeles Co., trunks, 1000 St. Paul av, Milwaukee, Wis.
Carpenter, A. L., lbr. mfrs., Cassville, N. Y.
Carpenter, A. N., landscape archt., Galesburg, Ill.
Carpenter, B. G., Co., htg. contrs., Wilkes-Barre, Pa.
Carpenter & Bayles, handle mfrs., 100 Walker, New York.
Carpenter, Ben L., architect, Puyallup, Wash.
Carpenter Bros., lumber, Crandon, Wis.
Carpenter, C. E., archit., 91 Cottage, Pawtucket, R. I.
Carpenter, C. I., architect, Administration bldg, Spokane, Wash.
Carpenter, C. N., Supply Co., mill & facty. supplies, Canton, O.
Carpenter, Chas. R., Mach. Co., disc grinders, Racine, Wis.
Carpenter Coal & Lumber Co., masons' & bldrs.' matls., Attleboro, Mass.
Carpenter & Co., architects, St. Cloud, Minn.
Carpenter, Cyrus, & Co., hot air furnaces, 177 Massachusetts av, Boston, Mass.
Carpenter, D. L. & Co., whol. hdwe., 652 Main, Cincinnati, Ohio.
Carpenter, Daniel, contractor, Ossining, N. Y.
Carpenter, Davis, Co., plain & prismatic vault, etc., lights., 216 E. 41st, New York.
Carpenter, Du Bois, architect, 45 Market, Poughkeepsie, N. Y.
Carpenter, E. W., Mfg. Co., jigs & fixtures, 515 Union av, Bridgeport, Conn.
Carpenter, F. A., architect, Brown Bldg., Rockford, Ill.
Carpenter, G. Albert, machsts., Muncie, Ind.
Carpenter, Geo. B., & Co., contractors, mill, facty. & steamfitters' supplies, etc., 440 North Wells, Chicago, Ill.
Carpenter, Geo. T., masons' & bldrs.' matls., 1001 S. Karlov av, Chicago, Ill.
Carpenter-Henderson Co., contrs., 118 N. La Salle, Chicago, Ill.
Carpenter, J. C., contractor, Chester, S. C.
Carpenter, J. C., Fig Co., canned goods, Houston, Tex.
Carpenter, J. M., Tap & Die Co., Pawtucket, R. I.
Carpenter, James E. R., architect, 681 5th av, New York.
Carpenter, John, architect, Marshall, Tex.
Carpenter, L. A., Press Metal Co., sheet metal, novelties, mfrs., 131 Munroe, Cambridge, Mass.
Carpenter, Martin R., architect, 107 N Clark, Chicago, Ill.
Carpenter-Morton Co., asphalt roofing, paints, varnishes, etc., 77 Sudbury, Boston, Mass.
Carpenter, O. A., architect, Montpelier, Ohio.
Carpenter, O. H., architect, Iowa City, Ia.
Carpenter & Patterson, plbrs. supplies, Boston, Mass.
Carpenter Steel Co., Reading, Pa.
Carpenter, T. A., & Sons, contractors, Bennington, Vt.
Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.
Carpenter, W. A., architect, 200 E. 13th, Portland, Ore.
Carpenter, W. B., Co., catalog envelopes, 422 Main, Cincinnati, Ohio.
Carpenter, W. D., Co., sweeping compounds, disinfectants, etc., Syracuse, N. Y.
Carpenter, W. I., Lumber Co., 504 Lbr. Ex., Minneapolis, Minn.
Carpenter & Weldon, architects, 3 N. La Salle, Chicago, Ill.
Carpenter, Wellington, sashes, doors & blinds, Concord, N. H.
Carpenter Wing Carrier Mfg. Co., 473 Cleveland, St. Paul, Minn.
Carper Fdry. & Machine Co., Mabscot, W. Va.
Carper, J. L., flour mills, Griffithsville, W. Va.
Carpp, S. M., canned goods, Hartford, Mich.
Carr & Baal Co., sashes, doors & blinds, Des Moines, Ia.
Carr, C. R., architect, Roswell, N. M.
Carr, Commodore, contractor, East St. Louis, Ill.
Carr-Cullen Co., sashes, doors, blinds, 10th av N. E. & Marshall, Minneapolis, Minn.
Carr, F. C., cornices, Waltham, Mass.
Carr, F. S., Co., curtain fasteners, Boston, Mass.

Carr Fastener Co., Boston, Mass.
Carr, Frank A., architect, 69 Douglas av, Yonkers, N. Y.
Carr, G. P., contractor, Shawnee, Okla.
Carr, Geo. W., Co., contractors, 518 Main, Worcester, Mass.
Carr, H. J., & Co., contractors, Atlanta, Ga.
Carr, H. W., architect, Green Bay, Wis.
Carr, Herbert V., contractors, East Norwalk, Conn.
Carr, J. B., Co., chain mfrs., Troy, N. Y.
Carr, J., Base Ball Co., 660 Pacific, Brooklyn, N. Y.
Carr, J. E., & Sons, cornices & skylights, Brockton, Mass.
Carr, Jas. W., foundry, 7 N. 25th, Richmond, Va.
Carr, Jno. D., contractor, Uniontown, Pa.
Carr, John, & Son, architects, Brookville, Pa.
Carr, Jos., Co., machsts., 132 N. 7th, Philadelphia, Pa.
Carr, L. W., landscape architect, 1432 Arthur av, Cleveland, O.
Carr, Loftus H. & Co., mattresses, 288 Flushing av, B'klyn, N. Y.
Carr Lowrey Glass Co., glass bottle mfrs., Westport, Baltimore, Md.
Carr Lbr. Co., Pisgah Forest, N. C.
Carr, M. M., canned goods, Aberdeen, Md.
Carr, M. W., & Co., silver nov., Somerville, Mass.
Carr & McClaskey, common brick, Chester, Pa.
Carr Mfg. Co., machsts., Kansas City, Mo.
Carr, Merrett L., architect, 656 Lemcke Annex, Indianapolis, Ind.
Carr Milling Co., flour, Hamilton, Ohio.
Carr Pail & Package Co., Ashby, Mass.
Carr, R. A., flour mills, Maysville, Ky.
Carr, Ryder & Adams Co., interior woodwork, Dubuque, Iowa.
Carr, Stuart R., & Co., fndrs., Boston & Montford av, Balto., Md.
Carr, W. C., & Son, contractors, Crawfordsville, Ind.
Carr, W. H., architect, Leesburg, Fla.
Carragan & Tilson, steel stamps, stencils, 88 Chambers, New York.
Carragher, F. J., sashes, doors & blinds, Belleville, N. J.
Carran, Lewis C., Co., lubricating oils & greases, Rockefeller Bldg., Cleveland, O.
Carran, Richard B. & Sons, Co., machist. & fndrs., Ludlow, Ky.
Carrara Paint Co., Barberton, Ohio.
Carre, W. W., Co. (Ltd.), lumber, 814 Hibernia Bldg., New Orleans, La.
Carrere & Hastings, architects, 45th & Vanderbilt av, New York.
Carretto Gustave, architect, Baldwin, N. Y.
Carriage Monthly, publications trade, 1010 Arch, Phila., Pa.
Carriage & Toy Co., children's carriage mfrs., 741 W. Lombard, Baltimore, Md.
Carriage Woodstock Co. See Ames Body Corp (successor).
Carrico Stone Co., Rockford, Ill.
Carrier Cutlery Co., Elmira, N. Y.
Carrier Eng'g. Corp., air cooling app., etc., 39 Cortlandt, New York.
Carrier E. T., cornices, South Manchester, Conn.
Carrier, F. P., machist., Edgerton, Wis.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Carrigan Jno., architect, Epler Bldg., Seattle, Wash.
Carrington & Co., match safes, 42 Walnut, Newark, N. J.
Carrington, Geo. S., Co., label mfrs., 2340 W. Van Buren, Chicago, Ill.
Carroll, A. P. Machine Co., machsts. & fndrs., 92 Broadway, Cambridge, Mass.
Carroll Box & Lumber Co., 629 E. 18th, New York.
Carroll Bros., canned goods, Havre de Grace, Md.
Carroll Bros., cornices, Lowell, Mass.
Carroll Bros., masons' & bldrs', matls., Ellicott sq., Buffalo, N. Y.
Carroll Bros. & Co., brush mfrs., 415 W. Baltimore, Baltimore, Md.
Carroll, Chas., tubular boilers, Oswego, N. Y.
Carroll Contracting Co., Wainwright bldg, St. Louis, Mo.
Carroll, E. H., & Son, lumber, Warner, N. H.
Carroll Engineering Co., machsts., Dayton, Ohio.
Carroll Foundry & Machine Co., Bucyrus, O.
Carroll, Guy H., masons' & bldrs.' matls., Aledo, Ill.
Carroll, H. C., & Sons, common brick, 67th & Gibson, Phila., Pa.
Carroll, J. Bruce, advtg. nov. & spec., 3057 Carroll, Chicago, Ill.
Carroll, J. E., Sand Co., White Bldg., Buffalo, N. Y.
Carroll, J. T., Lumber Co., Butte, Montana.
Carroll, Jamieson Machine Tool Co., Batavia, Ohio.
Carroll, Jos. L., mill & facty. supplies, Winsted, Conn.
Carroll, L. W., & Son, mill & facty. supp., Norwich, Conn.
Carroll, M. F., & Sons Co., carriages, Hillsboro, Ohio.
Carroll, Michael A., elec. contr., Waterbury, Conn.
Carroll Motor Car Co., Strasburg, Pa.
Carroll, Patrick, & Son, boilers (range, galvanized iron), 1406 Fairmont, Philadelphia, Pa.
Carroll-Porter Boiler & Tank Co., barge bldrs., foundry ladles, steel struct'l wk., etc., Empire Bldg., Pittsburgh, Pa.
Carroll, G. E. Sand Co., White bldg, Buffalo, N. Y.
Carroll Steel Co., steel products, 15 Park Row, New York.
Carroll, W. A., Co., mill & facty. supps., 67 Main, San Francisco, Cal.
Carroll, William A., carriages, New Bedford, Mass.
Carroll Wm. & Son, index centers, 4220 Main (Norwood), Cincinnati, Ohio.
Carrollton Nov. Co., mechl. toys, Carrollton, Ohio.
Carrollton Pottery Co., Carrollton, Ohio.
Carrolltown Coal Co., bituminous, St. Benedict, Pa.
Carrom Co., folding tables, piano benches, game boards, high grade cabinet wks., etc., Ludington, Mich.
Carron, A. M., Machine Co., air pumps, Penn & Barbeau, Pittsburgh, Pa.
Carrom Co., toy nov., Ludington, Mich.
Carron & Co., auto. gloves, 1777 B'way, New York.
Carruth, J. G., & Co., woolen flannels, Indiana av & Rosehill, Philadelphia, Pa.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Carruthers, Robt., Co., textile machy., Lowell, Mass.
Carscallen Bros., contractors, Coeur D'Alene, Idaho.
Carscallen Drainage & Const. Co. Coeur d'Alene, Idaho.
Carsley, Geo. H., architect, Helena, Mont.
Carson, Alexander W., architect, Charleston, W. Va.
Carson Bros., common brick, Vancouver, Wash.
Carson, C. A. Co., contrs, 7016H Euclid av, Cleveland, Ohio
Carson & Furman, contractors, Haverstraw, N. Y.
Carson & Hartwig, tool-post turrets, 25 Hackett, Newark, N. J.
Carson, L. A., architect, 7 E. 42nd, New York.
Carson Motor Co., gas engines, 519 Hillgeo, Detroit, Mich.

Carson, Nick H., contractor, El Paso, Tex.
Carson-Rowell & Co., babbit metal, Appleton, Wis.
Carson Trench Machine Co., sewer excavating machinery, 16 Dorrance, Boston, Mass.
Carson, Wm. & C. H., stone, Rochester, N. Y.
Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.
Carstens, H., Mfg. Co., surgical instruments, 567 W. Lake, Chicago, Ill.
Carstens Packing Co., meat, Tacoma, Wash.
Carswell, David, killers, fly swatters, St. Joseph, Mo.
Carswell, Wetmore & Co., granite, Barre, Vt.
Cartan & Delvin, masons' & bldrs.' matls., Matawan, N. J.
Carter, B. L., canned goods, Stone Mountain, Va.
Carter-Bell Mfg. Co., rubber substitutes, 150 Nassau, New York.
Carter Bros., contractors, Danville, Ill.
Carter Bros. Mattress Co., Chattanooga, Tenn.
Carter & Bucholz Co., Inc., disc grinders, 1234 S. State, Syracuse, N. Y.
Carter, C. C., & Sons, contrs., Nashville, Tenn.
Carter, C. E., Co., toys, Erie, Pa.
Carter, C. G., contractor, 27 W. 3d S., Salt Lake City, Utah.
Carter, C. J., Lumber Co., R. A. Long Bldg., Kansas City, Mo.
Carter, C. W. H., varnish, 8 Ferry, New York.
Carter & Campbell, children's carriages, Winchendon, Mass.
Carter Carburetor Co., 2840 N. Spring, St. Louis, Mo.
Carter, Chas. H., contr., Peotone, Ill.
Carter Coal Co., Coalwood, W. Va.
Carter Constr. Co., 42 Broadway, New York.
Carter, David T. & Co., lumber mfrs., West & Sterrett, Baltimore, Md.
Carter, Donlevy & Co., tin plate, metals, etc., 1012 Cherry, Philadelphia, Pa.
Carter, E. T., machst. & fndr., Plainville, Conn.
Carter Elec. Co., alternating current rectifiers, etc., Atlanta, Ga.
Carter, F. R., brick, Peoria, Ill.
Carter & Foster, brick & contractors, London, Ohio.
Carter, Frank, Co., lbr., Menomoine, Wis.
Carter, Fred N., contractor, Poughkeepsie, N. Y.
Carter, Geo. A., tacks, Brockton, Mass.
Carter, Geo. H., Co., wood mantels, 43 Beverley, Boston, Mass.
Carter, Geo. R., Co., auto. belts, Connersville, Ind.
Carter, Gough & Co., silver nov., 9 Maiden la, New York.
Carter, H. W., Paper Co., confetti, Springfield, Mass.
Carter, Horace A., carbonators & soda fountains, 400 E Marshall, Richmond, Va.
Carter & Hakes Machine Co., milling mach. & vises, Winsted, Conn.
Carter, Ira Calvin, archit., Lake Charles, La.
Carter Iron Co., staybolt, 307 5th av, Pittsburgh, Pa.
Carter, J. A., packing box, Petersham, Mass.
Carter, J. F., Co., oiled clothing, Beverly, Mass.
Carter, J. N., turpentine, Meigs, Ga.
Carter, J. W., Co., cornices & skylights, Manchester, Mass.
Carter-Kelley Lumber Co., Manning, Texas.
Carter, L. D., architect, 287 Salmon, Portland, Ore.
Carter-Lee Lumber Co., sash, door & blind mfrs., 1621 W. Washington, Indianapolis, Ind.
Carter Milling Co., flour, Democrat, N. C.
Carter, N. E., contractor, 2314 Main, S. Omaha, Nebr.
Carter Paint Co., paints, Liberty, Ind.
Carter Mfg. Co., lumber, wholesale mfrs. interior finish, Keokuk, Iowa.
Carter Mfg. Co., sash, door & blind mfrs., Keokuk, Ia.
Carter, R. K., & Co., wholesale hdwre., 66 Reade, New York
Carter, Ralph B., Co., pneumatic water supply systems, 152 Chambers, New York.
Carter, Rice & Co., Corp., insulating tape, 246 Devonshire, Boston, Mass.
Carter, S. C., Co., mchsts., Los Angeles, Cal.
Carter Sheet Metal Co., Omaha, Neb.
Carter, Shepherd Milling Co., flour, Hannibal, Mo.
Carter-Travis Co., sash, door & blind, Seymour, Ind.
Carter, W. G., contractors, 3301 Parnell av, Chicago, Ill.
Carter, W. T., & Bro., lumber, Camden, Tex.
Carter White Lead Co., 12042 Peoria, Chicago, Ill.
Carter, Wm. C., contractor, Fitchburg, Mass.
Carter, Wm. Co., knitted gloves, Needham Heights, Mass.
Carter, Wm. D., machsts., 1232 E. 3rd, Cleveland, Ohio.
Carter, Wm. P., architect, Springfield, N. J.
Carter Wire Fence Machine Co., Mt. Sterling, Ohio.
Carteret Lbr. Co., Beaufort, N. C.
Carter's Ink Co., carbon paper, inks, paste, etc., E. Cambridge, Boston, Mass.
Carter's, J. S., Sons, mchts. & fndrs, Danville, Va.
Carterville Brick & Tile Co., Carterville, Ill.
Carthage Board & Paper Co., Carthage, Ind.
Carthage Cotton Oil Co., Carthage, Tex.
Carthage Fdg. & Mach. Wks., Carthage, Mo.
Carthage Mach. Co., Carthage, N. Y.
Carthage Marble & White Lime Co., Chouteau & Vandeventer av, St. Louis, Mo.
Carthage Marble Wks., Carthage, Mo.
Carthage Quarry Co., Carthage, Mo.
Carthage Stone Co., Carthage, Mo.
Carthage Stone Yard, N. W. cor. 16th & Askew av, Kansas City, Mo.
Carthage Superior Marble & Limestone Co., Carthage, Mo.
Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.
Carthage Sulphite Pulp & Paper Co., Carthage, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Carter lbr. Co., Cotton Plant, Ark.
Cartier, A. E., Sons Co., carriage shafts & poles, lbr., sash door & blind mfrs., etc., Ludington, Mich.
Cartier, M. N., & Sons Co., building & roofing papers, 289 Canal, Providence, R. I.
Cartier, T. N., carriages, Fall River, Mass.
Cartmell, Thos. B., Paint & Glass Co., Wilmington, Del.
Carton Belting Co., 52 Everett, Allston, Mass.
Carton Corp., folding boxes, etc., 645H Brannan, San Francisco, Cal.
Cartside, W. N. See Diamond Clamp & Flask Co. (successor).
Cartwright Bros Co., crockery, East Liverpool, Ohio.
Cartwright, J. M., shears, Malaga, Cal.
Cartwright, Thos. Edgar, masons' & bldrs.' matls., Summitville, Ind.
Carty-Dever Co., meat packers, Rockford, Ill.
Carus Chem. Co., calcium permanganate & recovered manganese, La Salle, Ill.

Carvell, Herman & Co., masons' & bldrs.' matls., Helena, Ark.
Carver, C. R., Co., embossing, stationery & stamping presses, 20th & Clearfield, Philadelphia, Pa.
Carver Cotton Gin Co., machsts. & fndrs., East Bridgewater, Mass.
Carver, E. S., & Son, packing box mfrs., 914 W. Westmrlnd., Philadelphia, Pa.
Carver File Co., machsts., 3231 Frankford, Philadelphia, Pa.
Carver, J. C., & Co., canned goods, Marumoco, Md.
Carver, J. M., lbr., Gordo, Ala.
Carver, Jos., architect, Colfax, La.
Carver, Richard, masons' & bldrs.' matls., Skaneateles, N. Y.
Carver Tool Wks., Spring Valley, N. Y.
Carver Wagon Co., carriages, Morristown, Tenn.
Cary Brick Co., Mechanicsville, N. Y.
Cary & Co., masons' & bldrs.' matls., Pensacola, Fla.
Cary, F. S., & Co., granite producers, Zanesville, Ohio.
Cary, Geo., architect, 101 W. Huron, Buffalo, N. Y.
Cary, Jas. H., elec. drills, Portland, Me.
Cary, L. K., Co., wholesale h'dwe., Ft. Fairfield, Me.
Cary Lbr. Co., Durham, N. C.
Cary Mfg. Co., box strapping mfrs., Nassau & Jay, B'klyn, N. Y.
See adv. index at end of book.
Cary Safe Co., machsts., Buffalo, N. Y.
Cary Sand & Gravel Co., 127 N. Dearborn, Chicago, Ill.
Cary Spring Wks., 240 W. 29th, New York.
Caryl, A. H., lbr., 133 W. Washington, Chicago, Ill.
Casale, James E., architect, 128 E 58th, New York
Casavant Bros., organs, South Haven, Mich.
Casazza, Geo. J., architect, 1133 Broadway, New York.
Cascade Coal & Coke Co., bituminous, Buffalo, N. Y.
Cascade Fdry. Co., Erie, Pa.
Cascade Lumber Co., North Yakima, Wash.
Cascade Packg. Co., salmon, Anacortes, Wash.
Cascade Sheet Metal Works, cornices & skylights, Seattle, Wash.
Cascio, S., marble interior wk., 1259 Flushing av, B'klyn, N. Y.
Case, A. W., & Son, machsts. & fndrs., Highland Park, Conn.
Case, A. Willard, Co., paper & pulp mill, Manchester, Conn.
Case, Andrew J., contractor, Trenton, N. J.
Case Board Co., Andover, Conn.
Case Bros., paper & pulp mill, Highland Park, Conn.
Case Canning Co., Marshfield, Mo.
Case & Cothran, contractors, Atlanta, Ga.
Case Crane & Engineering Co., Columbus, Ohio.
Case & Crotser, lumber, Kingsley, Mich.
Case, Fowler, Lumber Co., Macon, Ga.
Case Furnace Co., hot air, Tacoma, Wash.
Case Hardening Service Co., compounds, 2279 Scranton rd., Cleveland, Ohio.
Case, J. I., Plow Works, plows, harrows, cultivators, planters, listers, etc., for tractors & horses, Racine, Wis.
Case, J. I., Threshing Machine Co., threshing machines, engines, automobiles, etc., Racine, Wis., & San Francisco, Cal.
Case, J. W., architect, David Whitney Bldg., Detroit, Mich.
Case, Jasper D., lumber, Rushville, Ind.
Case & Kroenlien, horse collars, Peoria, Ill.
Case, Levi, & Co., cornices, Schenectady, N. Y.
Case, Mfg. Co., paper & pulp mill, Unionville, Conn.
Case Mfg. Co., portable bldgs., 114 Liberty, Jackson, Mich.
Case & Marshall, paper, Hartford, Conn.
Case, Paul, architect, Westminster, Md.
Case & Risley Press Paper Co., binders' boards, Oneco, Conn.
Case School of Applied Science, engng. school & coll., Euclid av & Wade pk, Cleveland, Ohio.
Case Shingle & Lumber Co., Raymond, Wash.
Case, W. A., & Sons Mfg. Co., plumbers' & steam fitters' supplies, Buffalo, N. Y.
Case, W. J., & Son, contractors, Saratoga Springs, N. Y.
Case, W. R., & Sons Cutlery Co., Bradford, Pa.
Case, Walter, contractor, 817 G, N. W., Washington, D. C.
Case, Willard & Co., mill engnrs., 17 Battery pl, New York.
Casein Mfg. Co., 13 Park Row, New York.
Caseley & Neimes, corset eyelet mfrs., Taunton, Mass.
Casement Hardware Co., hdwe. specialties, 9 S. Clinton, Chicago, Ill.
Casenite Co., valve seats, 21 Warren, New York.
Casey & Broderick, stone prod., 523 State, Springfield, Mass.
Casey-Childs Shingle Co., Sedro Wooley, Wash.
Casey, D. L., Mach. Co., Springfield, Ohio.
Casey, Edw. P., architect, 149 Broadway, New York.
Casey, F. A., Co., automobile bldrs., Billerica, Mass.
Casey & Fant, architects, Anderson, S. C.
Casey-Hedges Co., blast furnaces, boilers, meter boxes, etc. & steel wks. constr., etc., Chattanooga, Tenn.
Casey & Hurley, contractors, 120 Pequonnock, Bridgeport, Conn.
Casey, Jno. A., Co., oil, turpentine, pitch, etc., 144 Maiden la, New York.
Casey, John F., Co., contractors, Oliver Bldg., Pittsburgh, Pa.
Casey Lbr. Co., Meacham, Ore.
Casey Mfg. Co., auto. bindings, 216 Monroe av, Detroit, Mich.
Casey, Richard H., Inc., contractor, 246 W. 16th, New York.
Casey Trunk Co., 224 W. 35th, New York.
CASH, A. W., CO., valves, regulators, etc., Decatur, Ill.
See adv. index at end of book.
Cash, Earl G., architect, Louis bldg, Portland, Ore.
Cash, J. & J., Ltd., woven labels, cotton towels, So. Norwalk, Conn.
Cash Mercantile Co., adding machs., 326 Market, San Francisco, Cal.
Cash, R. E., contractor, Lincoln Inn Ct., Cincinnati, Ohio.
Cash, W. F., & Co., machinists, Hiawatha, Kan.
Cashen, John J., & Son, steam fitters' supplies, Meriden, Conn.
Cashier Cash Register Co., Los Angeles, Cal.
Cashion, J. B., & Sons, mattresses, Cornelius, N. C.
Cashman Bros. Co., contractors, Newburyport, Mass.
Cashman, John J., contractor, 44 Court, Brooklyn, N. Y.
Cashman, John, & Sons Co., contractors, 247 Atlantic av, Boston, Mass.
Cashman & McCarthy, cornices, 372 W. Fayette, Syracuse, N. Y.
Cashman Tool Co., jigs & fixtures, Waynesboro, Pa.
Cashmere Lbr. Co., Cashmere, Wash.
Cashmore, Jonathan, brick, Wadsworth, Ill.
Casket Hdwe. Mfg. Co., 820 W. Warren, Detroit, Mich.
Casket Interment Box Co., 4854 N. Clark, Chicago, Ill.
Caskey, C. R., Lbr. Co., 1123 B'way, New York.
Caskey-Dupree Mfg. Co., aut. switches, Marietta, Ohio.
Caskey & Keen (Harmony Store Wks), grey iron casting, 6th & Berks, Phila., Pa.
Caskey & Keen, fndrs., 6th & Berks, Phila., Pa.
Caskey, Wm., & Son, castings (brass & bronze), York & Richmond, Philadelphia, Pa.
Casmento Specif Roofing Co., 103 Park av, New York.
Casna, J., & Co., granite, Quincy, Mass.
Cason-Monk & Co., hardware—wholesale, Nacogdoches, Tex.
Caspar, Chas. H., architect, N. W. cor 11th & Market, Philadelphia, Pa.
Casper, J. Burlap Bag Mfg. Co., Fitzgerald, Ga.
Caspar Lumber Co., Hobart Bldg., San Francisco, Cal.
Casparis Stone Co., Clinton Bldg., Columbus, Ohio.
C. A. S. Products Co., automobile gears, Columbus, Ohio.
Cass, B. T., & Co., picture frame mouldings, 2057 Emerson av, Chicago, Ill.
Cass., N. D., Co., nov., toys & games, Athol, Mass.
Cassady, D. L., & Bro., flour, Williamsport, W. Va.
Cassady-Fairbanks Mfg. Co., hdwe. specialties, 6126 S. La Salle, Chicago, Ill.
Cassard, Hamilton, sewing machines, Holliday & Pleasant, Baltimore, Md.
Cassaretto, John, contrs. & masons' & bldrs.' matls., 345 Berry, San Francisco, Cal.
Cassco Bar Metallic Packing Co., 3559 Lincoln av, Chicago, Ill.
Cassebeer, Walter H., architect, Sibley blk., Rochester, N. Y.
Cassel, A. A., Metal Co., scrap iron, 306 Milwaukee, Milwaukee, Wis.
Cassel, Jacob C., logs (gas), 2347 N. 7th, Philadelphia, Pa.
Cassell, Fred, wood carving tools, Grand Rapids, Mich.
Casselman, C. W., cornices, Alliance, Ohio.
Casselman, Paul L., architect, 1215 Locust, Philadelphia, Pa.
Casselton Hardware Co., heating contractors, Casselton, N. D.
Cassidy, Chas. J., Co., contrs., Southern bldg, Washington, D. C.
Cassidy, David D., architect, Amsterdam, N. Y.
Cassidy & Gallagher, contrs., 73 Elm, Albany, N. Y.
Cassidy, Jno., & Son, masons' & bldrs.' matls., Bangor, Me.
Cassidy Mfg. Co., plbrs. supplies, 1396 E. 65th, Cleveland, O.
Cassidy, S. W., architect, Herkimer, N. Y.
Cassidy & Co., Inc., machsts. & fndrs., 101 Park av, New York.
Cassini Mosaic & Tile Co., 1027 Broadway, Cincinnati, Ohio.
Casson, Robt. H., fndrs., Paterson, N. J.
Cassone, Joe H., architect, 506 Hamilton, Allentown, Pa.
Castagnos Cane Loader Co., Inc., Donaldsonville, La.
Castalia Portland Cement Co., Publication Bldg., Pittsburgh, Pa.
Castanedo Water, power plant contr., 1101 Hennen bldg., New Orleans, La.
Castle, A. M. & Co., boiler lugs, post caps, etc., 715 N. Morgan, Chicago, Ill.
Castle, A. M., & Co., of Wash., whol. hdwe, 32-34 Conn., Seattle, Wash.
Castle Bros., masons' & bldrs.' matls., Johnson pl, Brooklyn, N. Y.
Castle, C. E., contractor, Ogdensburg, N. Y.
Castle, Chas. L., billiard tables, Syracuse, N. Y.
Castle & Doyle, masons' & bldrs.' matls., Madison, Wis.
Castle, Gottheil & Overton, sulphite pulp, 200 5th av, New York.
Castle, Jas. M., Inc., fire extinguishers, Lincoln bldg, Phila, Pa.
Castle, Montague, London Co., glass stainers, 126 6th av., New York.
Castle Refrigerating Mach. Co., Indianapolis, Ind.
Castle, Wilmot, Co., sterilizers, Rochester, N. Y.
Castleberry & Flewellen Planing Mill Co., Longview, Tex.
Castner, J. P., stone, Changewater, N. J.
Castor, Horace W., architect, Stephen Girard bldg, Phila., Pa.
Casualty Co. of America, accident & employers' liability ins., 298 B'way, New York.
Caswell Constr. Co., Inc., 428 S. Salina, Syracuse, N. Y.
Caswell Mfg. Co., machsts. & fndrs., Cherokee, Ia.
Catalogue Equipment & Supply Co., advtg. novelties & spec., Allston, Boston, Mass.
Cataract City Milling Co., flour & feed mills, Niagara Falls, N. Y.
Cataract Refining & Mfg. Co., lubricating oils & greases, Buffalo, N. Y.
Catasauqua Gong & Stamping Wks., Catasauqua, Pa.
Catawba Fertz. Co., Lancaster, S. C.
Catchpole Boiler, Fndry. & Mach. Co., Geneva, N. Y.
Cate, James & Son, Co., flour mills, Hopkinsville, Ky.
Cate-La Nieve Co., cooperage stock, Bank of Commerce & Trust bldg, Memphis, Tenn.
Catelain, A. G., hose clamps, 1446 Indiana av, Chicago, Ill.
Cately & Ettling, auto. top & carriage bows, Cortland, N. Y.
Cates, H. M., & Son, machsts. & fndrs., Houlton, Me.
Cates Machine Works. See Auto Tire Exchange (successor).
Cathedral Candle Co., Syracuse, N. Y.
Cathell Bros. & Co., steel plate wk., etc., Fort av & Lawrence, Baltimore, Md.
Catholic University School of Technological Sciences, engng. schools and coll., Washington, D. C.
Cathrae, John H., & Son, engrs., Marquette Bldg., Chicago, Ill.
Cathrein Mfg. Co., skate straps, 1824 Linden, B'klyn, N. Y.
Cating Rope Wks., Maspeth, N. Y.
Catlin, Elmer, H., Co., 309 13th, N. W., Washington, D. C.
Catlin, R. H. Co., fire brick, lbr. & sewer pipe, Wilmington, Del.
Catlin, W. J., & Bro., dry docks, & marine rys., Whitehaven, Md.
Catrano & Federico, contrs., New Orleans, La.
Catskill Cement Co., Cementon, N. Y.
Catskill Fdry. & Mach. Co., Catskill, N. Y.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Cattie Bros. Co., galvanizing & tinning, 1706 N. Howard, Philadelphia, Pa.
Catz American Co., Inc., crude rubber imp., 59 Pearl, New York.
Cauble, H. W., cornices, 666 W. 63d, Chicago, Ill.
Caughlin, T. P., contractor, 30 N. La Salle, Chicago, Ill.
Cauldwell, Albert M., architect, 251 Kearney, San Francisco, Cal.
Cauldwell, Wingate Co., contractors, 381 4th av, New York.
Caulkins, H. J., & Co., china kilns, State & Griswold, Detroit, Mich.
Caulkins, W. E. & Son, contractors, Hartford, Conn.
Caummisar, T. C., & Sons, corn brooms, excelsior mfrs., Louisville, Ky.
Cauter, E. A., pocket knife cases, 204 Church, New York.
Cavagnaro, Jno. J., textile machy., etc., Harrison, N. J.
Cavanagh Bros. & Co., whol. hdwe. & signs, 89 Warren, New York
Cavanaugh, C., masons' & bldrs., matls., Carbondale, Pa.
Cavanaugh, J. H., & Sons, lumber, Anacortes, Wash.
Cavanaugh-Linn Co., contractors, Citizens Bldg., Cleveland, Ohio.
Cavanaugh Packing Co., meat, Muncie, Ind.
Cavanaugh, Thos. L., contractor, 288 Catherine, Detroit, Mich.

Cave Welding & Mfg. Co., oxy-acetylene welding app. & supps., 32 Liberty, Springfield, Mass.
Cavicchi Polishing Mach. Co., floor surfacing machs., Quincy, Mass.
Cavitt, J. H., lbr., Camas, Wash.
Caward, R. S., agricultural implements, grubbing machines, etc., Cresco, Ia.
Cawley, Clarke & Co., color mfrs. & imptrs., 272-280 Passaic, Newark, N. J.
Cawley, Edw., masons' & bldrs.' matls., Lowell, Mass.
Cawn Mining & Mfg. Co., paint mfrs., Canton, Ohio.
Cawood Novelty Mfg. Co., advtg. novelties, fly killers, Danville, Ill.
C-A-Wood-Preserver Co., Fullerton bldg., St. Louis, Mo.
Caw's Pen & Ink Co., 78 Reade, New York.
Caxton School Supply Co., school furniture & blackboards, 560 W. Monroe, Chicago, Ill.
Cayce Milling Co., flour, Cayce, Ky.
Cayuga Cement Corp., Portland Point, N. Y.
Cayuga Linen & Cotton Mills, Auburn, N. Y.
Cayuga Milling Co., feed, Cayuga, Ind.
Cayuga Packing & Mfg. Co., Cayuga, Ind.
Cayuga Tool Steel Co. See Crucible Steel Co. (successors).
Cayuta Mfg. Co., machsts. & fndrs., Sayre, Pa.
Cazanas, Nicholoas, contractor, Lowell, Mass.
Cazenovia Canning Co., Cazenovia, N. Y.
C. & B. Clay Co., fire brick, Canton, Ohio.
C. B. Lbr. & Shingle Co., Everett, Wash.
C. C. Collins Lbr. Co., Rhinelander, Wis.
C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.
C. & D. Machy. Exchange, dlrs. & laundry machy., Cinn., O.
Cecil, D. K., contractor, Lexington, N. Car.
Cecil Lbr. Co., Orvisburg, Miss.
Cedar Bluff Marble Co., Knoxville, Tenn.
Cedar Bluff Roller Mills, flour, Cedar Bluff, Va.
Cedar City Mills, flour, Lebanon, Tenn.
Cedar Falls Canning Co., Cedar Falls, Ia.
Cedar Glenn Canning Co., Bedford, Va.
Cedar Grove Mfg. Co., cotton towels, 65th av & 21st, Phila., Pa.
Cedar Hill Roller Mill, flour mills, Cedar Hill, Tenn.
Cedar Rapids Canning Co., Cedar Rapids, Ia.
Cedar Rapids Carriage Works, Cedar Rapids, Ia.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Cedar Rapids Fndry. & Mach. Co., Cedar Rapids, Ia.
Cedar Rapids Lumber Co., Cedar Rapids, Ia.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Cedar Rapids Sash & Door Co., Cedar Rapids, Ia.
Cedar River Lumber Co., 914 Plymouth Bldg., Minneapolis, Minn.
Cedar Shingle Co., lumber, Elbe, Wash.
Cedar Springs Mfg. Co., lumber, Adairsville, Ga.
Cedar-Sweep Co., sweeping compound, Los Angeles, Cal.
Cedar Tool & Gage Corp., designers & bldrs of special machy, jig & fixtures & gages, 1862 State, Bridgeport, Conn.
Cedarburg Canning Co., Cedarburg, Wis.
Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.
Cedarburg Woolen Mills, woolen blankets, Cedarburg, Wis.
Cedarine Co., furn. polish, Clinton, N. Y.
Cedarstrand, Aug., & Co., contractors, 984 Central av, Minneapolis, Minn.
Cedartown Fdry. & Mach. Co., Cedartown, Ga.
Cedartown Iron Co., blast furnaces, Cedartown, Ga.
Ceiro Pasco Mining Co., 15 Broad, New York.
Celina Brick Mfg. Co., Celina, Ohio.
Cefaratt, D., architect, 218 Columbus bldg, Cleveland, Ohio.
Celina Machine Works, Celina, Ohio.
Celina Mfg. Co., machinists, Celina, O.
Celina Specialty Co., metallic furniture, Celina, O.
Celina Stearic Acid Co., Celina, Ohio.
Celite Products Co., insulation, Van Nuys bldg., Los Angeles, Cal.
Cell Drier Machine Co., machsts. & fndrs., Taunton, Mass.
Cella, John B., architect, 738 Broad, Jersey City, N. J.
Celluloid Co., celluloid mfrs., 36 Washington pl., New York.
Celluloid Starch Co., 43 W. 36th, New York.
Celluloid Zapon Co., lacquers & enamels, 200 5th av, New York
Celmans Bros., furniture, Dept H, Chattanooga, Tenn.
Ceman, Julius F., contractor, Berlin, Wis.
Cement Casket Mfg. Co., Albion, Mich.
Cement & Engng. News, trade publication, 610 S. Dearborn, Chicago, Ill.
Cement-Gun Co., Allentown, Pa.
Cement-Gun Construction Co., 914 S. Michigan av, Chicago, Ill.
Cement & Lime Products Co., Denver, Colo.
Cement, Gypsum & Lime Mfrs. Dir., trade publication, Monadnock bldg, Chicago, Ill.
Cement Tile Machy. Co. See Stewart Mfg. Co. (successor).
Cement Mill & Quarry, trade publication, Monadnock bldg, Chicago, Ill.
Cement Machy. Co., Jackson, Mich.
Cement Products Co., tanks, septic, Wilmington, N. C.
Cement World. See Engineering World (successor).
Centadrink Filters Co., 1440 B'way, New York.
Centaur Lime Co., Centaur Station, Mo.
Centennial Cotton Gin Co., Dept H, Columbus, Ga.
Centennial Mill Co., farina, Seattle, Wash.
Centennial Mill Co., feed, Avoca, Ia.
Center Point Canning Co., Center Point, Ia.
Center Shaft Penholder Co., Hanover, Pa.
Centerpoint Roller Mill Co., flour, Centerpoint, Tex.
Centerville Brick Co., Centerville, Ia.
Central Archl. Iron Wks., 53 W. Jackson blvd, Chicago, Ill.
Central Asbestos & Magnesia Co., 214 W. Grand av., Chicago, Ill.
Central Auto Body Co., 15 Orchard, Hartford, Conn.
Central Bag Mfg. Co., burlap & cotton bags, 3622 Iron, Chicago, Ill.
Central Belting Co., 41 W. 21st, New York.
Central Boiler & Supply Co., Grand Rapids, Mich.
Central Boiler Works, tanks, smoke stacks, etc., 1297 Russell, Detroit, Mich.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Central Brass Co., fndrs., New Haven, Conn.
Central Brass & Fixture Co., auto accessories, Springfield, O.
Central Brass Fdry., 1229 W. Randolph, Chicago, Ill.
Central Brass Foundry, Toledo, O.
Central Brass Mfg. Co., plumbers' supplies, 6206 Cedar av, S. E., Cleveland, Ohio.
Central Brass & Stamping Co. See Nelson, L. R. (successor).
Central Brass Wks. Co., fndrs., Kansas City, Mo.
Central Bronze & Brass Fdry., 714-716 Cherry, Phila., Pa.
Central Broom Co., Jefferson City, Mo.
Central Building Co., contrs., 58 Front, Worcester, Mass.
Central Burglar Alarm Co., time switches, 501 Rush, Chicago, Ill.
Central California Canneries, San Francisco, Cal.
Central Casket Co., Buffalo, N. Y.
Central Chandelier Co., elec. light fixture mfrs., 1547 Fulton, Chicago, Ill.
Central Chandelier Co., 224 Centre, New York.
Central Chemical Co., 115 W. Washington, Chicago, Ill.
Central Chemical Co., fertilizer mfrs., Hagerstown, Md.
Central City Bolt Co., Syracuse, N. Y.
Central City Brick Mfg. Co., Central City, Ky.
Central City Bung Co., wooden plugs, Huntington, W. Va.
Central City Chemical Co., fumigators, 4250 N. Crawford av, Chicago, Ill.
Central City Lumber & Mfg. Co., Central City, Ky.
Central City Paving Co., contrs., Union Bldg., Syracuse, N. Y.
Central City Wheel Wks., Syracuse, N. Y.
Central Clay Products Co., brick, North Tonawanda, N. Y.
Central Coal & Coke Co., Keith & Perry Bldg., Kansas City, Mo.
Central Coal & Lbr. Co., Houston, Tex.
Central Commercial Co., asphalt, rosin, silica mfrs., 111 N. Market, Chicago, Ill.
Central Concrete Const. Co., contrs., Louisville, Ky.
Central Construction Co., 228 Southampton, Boston, Mass.
Central Constr. Co., Sheboygan, Wis.
Central Constr. & Supply Co., asphalt paving contrs., Harrisburg, Pa.
Central Contracting Co., contractors, Keystone Bldg, Pittsburgh, Pa.
Central Co-operative Union of Flax Industries, 136 Liberty, New York.
Central Cornice & Roofing Wks., Decatur, Ill.
Central Cornice & Skylight Wks., Irvington, N. J.
Central Cornice Wks., 336 W. 37th, New York.
Central Cornice Wks., 345 N. Frazer, Philadelphia, Pa.
Central Cornice Wks., Sioux City, Ia.
Central Cotton Oil Co., Jackson, Miss.
Center County Lime Co., Bellefonte, Pa.
Central Cut Glass Co., 1114 E. 63d, Chicago, Ill.
Central Cypress Co., lumber, Centralia, Fla.
Central Distributing Co., steam fitters' supplies, etc., 950H Harper av, Detroit, Mich.
Central Door & Lbr. Co., 481 Glisan, Portland, Ore.
Central Dredging Co., Swetland Bldg., Cleveland, Ohio.
Central Dry Plate Co., Orchard & McLaran, St. Louis, Mo.
Central Dyestuff & Chemical Co., Newark, N. J.
Central Electric Co., lighting systems, plugs & receptacles, 320 S. 5th av, Chicago, Ill.
Central Electric & Lock Co., elec. supp. jobbers, 12 N. 13th, Phila., Pa.
Central Engineering Co., Davenport, Ia.
Central Flatiron Mfg. Co., gas & sad irons, Johnson City, N. Y.
Central Fdry. Co., Ft. Wayne, Ind.
Central Fdry. Co., grey iron castings, 338 N. May, Chicago, Ill.
Central Fdry. Co., Hamilton, Ohio.
Central Foundry Co., Joplin, Mo.
Central Fdry. Co., Marshalltown, Ia.
Central Foundry Co., pipe mfrs., 90 West, New York.
Central Frog & Switch Co., Cincinnati, Ohio.
See adv. index at end of book.
Central Furn. Co. Dept H, Rockford, Ill.
Central Gas & Electric Fixture Mfg. Co., 805 Vincent av, N. E., Cleveland, Ohio.
Central Georgia Guano Co., Milledgeville, Ga.
Central Georgia Plumbing & Heating Co., Macon, Ga.
Central Glass Co., Inc., plate glass mirrors & bevelers, Evansville, Ind.
Central Glass Works, Wheeling, W. Va.
Central Granite Co., Barre, Vt.
Central Hdwe. Co., plbrs. supplies, St. Louis, Mo.
Central Hardware & Harness Co., Ironton, Ohio.
Central Hardware & Supply Co., Patton, Pa.
Central Illinois Light Co., 316 S. Jefferson, Peoria, Ill.
Central Iowa Fuel Co., coal min., Des Moines, Ia.
Central Iron & Coal Co., 90 West, New York.
Central Iron & Steel Co., steel plate mfrs., Harrisburg, Pa.
Central Iron Wks., 939 W. Lake, Chicago, Ill.
Central Iron Wks., 420 E. 48th, New York.
Central Iron Works, 2050 Bryant, San Francisco, Cal.
Central Ky. Carriage Co., Danville, Ky.
Central Knitting Co., sweaters, cardigans, etc., 772 Madison, Brooklyn, N. Y.
Central Lake Canning Co., Central Lake, Mich.
Central Leather Co., sole leather mfrs., 17 Battery pl, New York.
Central Loose Leaf Co., Benton Harbor, Mich.
Central Lumber Co., mouldings, brackets, etc., Chattanooga, Tenn.
Central Lumber Co., Williamson Bldg., Cleveland, Ohio.
Central Lumber Co., Hudson & Oshkosh, Wis.
Central Lumber Co., Jackson, Tenn.
Central Lbr. Co., Mentone, Ind.
Central Lbr. Co., 838 McKnight Bldg., Minneapolis, Minn.
Central Lbr. Co., Reading, Pa.
Central Mach. Co., paper cutting & printing press machs., etc., Niagara Falls, N. Y.
Central Machine Co., machsts., 7th & Wood, Philadelphia, Pa.
Central Mach. Elec'l Repair Shop, Portsmouth, Ohio.
Central Mach. & Fdry. Co., brass & iron castings & soot blowers, Marion, Ind.
Central Mach. & Supps. Co., terminals & tips, 148 Chambers New York.
Central Machine & Tool Co. (The), dies, tools, etc., 1214-1216 Dorr, Toledo, Ohio. *See adv index at end of book.*
Central Mach. Wks., Indianapolis, Ind.
Central Machine Works, Los Angeles, Cal.
Central Machine Works, St. Louis, Mo. See Clyne, R. E., Engineering Co. (successors).
Central Mach. Wks. & Auto Co., Sioux City, Iowa.
Central Machine Wks. Co., 1234 Central Av., Minneapolis, Minn.
Central Machy. Mfg. Co., machsts., Los Angeles, Cal.
Central Mfg. Co., auto. bodies & seats, Connersville, Ind.
Central Mfg. Co., desk mfrs., 454 Armour, Chicago, Ill.
Central Mfg. Co., masons' & bldrs.' matls., Macon, Ga., & Roanoke, Va.

Central Mfg. & Lumber Co. (Ltd.), S. Salcedo & Perdide, New Orleans, La.
Central Metal & Supply Co., plumbers supplies, wholesale, 611 E. Lombard, Baltimore, Md.
Central Mills Co., cordage & twine, Southbridge, Mass.
Central Mosaic & Tile Co., Memphis, Tenn.
Central Motor Co., machsts., Hamilton, Ohio.
Central Neb. Millwork Co., sashes, doors & blinds, Hastings, Neb.
Central N. Y. Concrete Co., Inc., 100 State, Albany, N. Y.
Central Oil & Gas Stove Co., Gardner, Mass.
Central Oolitic Stone Co., Bloomington, Ind.
Central Optical Co., optical goods, Southbridge, Mass.
Central Paint & Supply Co., Ry. Exch. Bldg., St. Louis, Mo.
Central Paper Co., Muskegon, Mich.
Central Paper & Tablet Co., Indianapolis, Ind.
Central Paving Co., contractors, 179 W. Washington, Chicago, Ill.
Central Penna. Lumber Co., Williamsport, Pa.
Central Planning Mill & Lumber Co., Louisville, Ky.
Central Plumbing Supply Co., Bridgeport, Conn.
Central Plumbers' Supply Co., 252 Pearl, New York.
Central Pocahontas Coal Co., Welch, W. Va.
Central Products Co., correction salts, 1352 Wells, Chicago, Ill.
Central Radiator Co., Lansdale, Pa.
Central Railway Signal Co., torpedoes, Diamond Bank bldg, Pittsburgh, Pa.
Central Refining Co., oils, petroleum & its products, Lawrenceville, Ill.
Central Rope Mfg. Co., 181 Scholes, Brooklyn, N. Y.
Central Rubber Co., mechanical rubber goods, 154 N. 7th, Philadelphia, Pa.
Central Rubber & Supply Co., mill supplies, 120 S. Meridian, Indianapolis, Ind.
Central Sash & Door Co., Topeka, Kans.
Central Scientific Co., laboratory equipment, 460 E. Ohio, Chicago, Ill.
Central Sewer Pipe & Supply Co., masons' supplies, Steubenville, Ohio.
Central Sheet Metal Wks., 260 E. 78th, New York.
Central Silica Co., Zanesville, Ohio.
Central Smelting & Refining Co., Borden av & Haywood, Long Island City, N. Y.
Central Soap Mfg. Co., 2671 E. 75th, Cleveland, Ohio.
Central Specialty Co., castings, 1653 St. Aubin av, Detroit, Mich.
Central Specialty Mfg. Co., machsts., 508 S. Peoria, Chicago, Ill
Central Sq. Hdwe. Co., mill & facty. supplies, Cambridge, Mass.
Central Stamping Co., enameled, galvanized & tinware mfrs., 172 Fulton, New York.
Central States Bridge Co., 601 Beecher, Indianapolis, Ind.
Central States Broom Corn Co., 45H W 6th, Cincinnati, Ohio
Central States Canning Co., Indianapolis, Ind.
Central Station Equipment Co., contrs, 114 Liberty, New York
Central Station Steam Co., meters, separators, traps, steam, etc., 710 Woodbridge, E. Detroit, Mich.
Central Steel Co., Massillon, O.
Central Supply Co., heating contr., steam fitters' supplies, Worcester, Mass.
Central Supply Co., janitors' supplies, 28 S. William, New York. York
Central Supply Co., mill & facy. supplies, Little Rock, Ark.
Central Supply Co., mill & factory & plumbers' supplies, jobbers, 312 S. 3rd, Minneapolis, Minn.
Central Supply Co., plumbers' supplies, jobbers, Indianapolis, Ind.
Central Tel. & Elec. Co., bicycle lamps, 310 N. 11th, St. Louis, Mo.
Central Tool & Die Co., Dayton, O.
Central Tool & Supply Co., tools, bolts, etc., 803 W. Madison, Chicago, Ill.
Central Tube Co., 1st Nat'l Bank Bldg., Pittsburgh, Pa.
Central Unadilla Silo Co., Des Moines, Ia.
Central Valley Machy., Well & Supply Co., Belleville, Ill.
Central Veneer Co., Indianapolis, Ind.
Central Warehouse Lumber Co., Phillsbury and Territorial, Minneapolis, Minn.
Central Wire & Iron Wks., Indianapolis, Ind.
Central Wire & Iron Wks., 309 Gratiot, St. Louis, Mo.
Central Wood Turning Co., book cases, 610 N. E. Main, Minneapolis, Minn.
Central Woodworking Co., sash door & blind mfrs., 113 Central av, Newark, N. J.
Centralia Coal Co., 343 S. Dearborn, Chicago, Ill.
Centralia Envelope Co., Centralia, Ill.
Centralia Pulp & Water Paper Co., Grand Rapids, Wis.
Centralized Ball Mill Co., Monadnock Bldg., San Francisco, Cal.
Centre Foundry & Machine Co., castings, Wheeling, W. Va.
Centrifugal Pump Co., 434 Canal, New York.
Century Button Wks., 25 W. 38th, New York.
Century Cement Mach. Co. See Willsea Wks. (successors)
Century Constr. Co., airplane parts & supps., Buffalo, N. Y.
Century Cork Co., 220 W. 19th, New York.
Century Electric Co., fans & motors, 19th & Pine, St. Louis, Mo.
Century Elec'l Co., armature & field testing instruments & devices, Syracuse, N. Y.
Century Fuel Co., silica sand, 328 W. 37th, Chicago, Ill.
Century Furn. Co., Grand Rapids, Mich.
Century Iron Co., 1453 Niagara, Buffalo, N. Y.
Century Machine Co., bakers' machinery, Oakley, Cincinnati, Ohio.
Century Mfg. Co., automobile bldrs., stor. battery trucks, 133 E. Canfield, Detroit, Mich.
Century Mfg. Co., carriages, East St. Louis, Ill.
Century Mfg. Co., draughting tables, Cleveland, Ohio.
Century Mfg. Co., fndrs., 453 Canal, New York.
Century Mfg. Co., waterproofing materials, varnish, 272 W. Genesee, Buffalo, N. Y.
Century Materials Co., cattle guards for rys., Monadnock Blk., Chicago, Ill.
Century Ornamental Glass Co., 5039 Delmar, St. Louis, Mo.
Century Pen Co., Whitewater, Wis.
Century Plainfield Tire Co., tires, North av, Plainfield, N. J.
Century Pump Co., 719 6th, Brooklyn, N. Y.
Century Pump Wks., Carthage, Mo.
Century Rubber Stamp Works, 551 Pearl, New York
Century Stained Glass Works, memorial windows, 212 S. 11th, Phila., Pa.
Century Stearic Acid Candle Wks., 380 South, New York.
Century Steel Co. of America., Poughkeepsie, N. Y.
Century Stove & Mfg. Co., Johnstown, Pa.
Century Telephone Const. Co., Buffalo, N. Y.
Century Tool & Metal Co., welding compounds & plates, 180 N. Market, Chicago, Ill.
Century Varnish Co., 272 W. Genesee, Buffalo, N. Y.
Century Ventilating Co., 257 3d av, New York.
Ceppi, A., Co., picture frame moldings, 101 B'way Exch., Boston, Mass.
Ceramic Equipt. Co., brick dryers, Trenton, N. J.
Ceramic Mach. Co., Hamilton, Ohio.
Ceramic Supply & Construction Co., gas producers, Columbus, Ohio.
Cereal Food Co., canned, Peoria, Ill.
Cereal Mills Co., flour, Wausau, Wis.
Cereghino, D., machsts., 4445 Mission, San Francisco, Cal.
Cerny, Jerry J., architect, 1444 S. Crawford av, Chicago, Ill.
Cerny-Pickas & Co., archl. iron, 3321 S. Crawford av, Chicago, Ill.
Cerro Gordo Mines Co., ores, San Jose, Cal.
Cerro de Pasco Mining Co., 15 Broad, New York.
Cerro Montoso Lbr. Co., Las Vegas, N. M.
Certain-teed Products Corp., roofing, paints, varnishes, etc., Boatman's Bank bldg, St. Louis, Mo.
Certus Cold Glue Co., 28 E. Hennepin av, Minneapolis, Minn.
Cervin, Olof Z., architect, Rock Island, Ill.
Cevasco, Cavagnaro & Ambrette, macaroni machinery manfrs., 156 6th, Brooklyn, N. Y.
Chace, Andrew R., granite, E. Providence, R. I.
Chace, Leonard S., mill & facty. supplies, Fall River, Mass.
Chace Mills, shade cloth mfrs., Fall River, Mass.
Chadborn & Coldwell Mfg. Co., lawn mowers & trimmers, Newburgh,N. Y.
Chadbourn Lbr. Co., Wilmington, N. C.
Chadbourne & Moore, webbing, Chelsea, Mass.
Chadbourne-Walker Machine Screw Co., 100 Sudbury, Boston, Mass.
Chadburn Economy Burner Co., water heaters, Savings Bank Bldg., Newburgh, N. Y.
Chadburn & Edwards, contractors, Yonkers, N. Y.
Chadburn, M. J., carriages, Yonkers, N. Y.
Chadeloid Chemical Co., paint remover, 100 William, New York
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Chadwick Engineering Wks., Pottstown, Pa.
Chadwick-Hoskins Co., cotton sheetings, Charlotte, N. C.
Chadwick, J. & Bros., cotton thread, ft. of Lembeck av, Jersey City, N. J.
Chadwick, L. L., contractor, 112 E. Lake, Minneapolis, Minn.
Chadwick & Morris, who. h'dwe., Lockport, N. Y.
Chadwick & Sykes, contractors, Crocker Bldg., San Francisco, Cal.
Chadwick & Trefethen, mill & facty. supplies, Portsmouth, N. H.
Chadwick, W. H., brick, Dayton, Ohio.
Chadwick, W. W., brick & tile, Condit, Ohio.
Chafer Co., htg. contrs., 431 Champlain av, N. W., Cleveland, Ohio
Chaffee Bros. Co., packing boxes & box shooks, cloth boards, store trunks, etc., Oxford, Mass.
Chaffee, Dudley, Co., architect, 316 N. Maywood av, Peoria, Ill.
Chaffee Mfg. Co., cable cords, fish line mfrs., Willimantic, Conn.
Chaffee, Thos. K., Co., paint mfrs., 115 Wickendon, Providence, R. I.
Chaffin Bros., stone prod., Kokomo, Ind.
Chaffiee's, F., Sons, lbr., Rutland, Vt.
Chaille, D., Jr., architect, Laredo, Tex.
Chain Belt Co., 736 Park, Milwaukee, Wis.
Chain Products Co., 3924 Cooper av, Cleveland, Ohio.
Chalfant, A. M., masons' & bldrs. matls., Sharpsburg, Pa.
Chalfin, Paul, architect, 597 5th av, New York
Challenge Co., agricultural implements, Batavia, Ill.
Challenge Cutlery Corp., Bridgeport, Conn.
Challenge Machine Co., dressers & guards (emory wheel), 5116 Springfield av, Phila., Pa.
Challenge Machy. Co., Grand Haven, Mich.
Challenge Refrigerator Co., Grand Haven, Mich.
Challenge Tube Cleaner Co., 63 Market, Lowell, Mass.
Challoner Co., machsts. & fndrs., Oshkosh, Wis.
Chalmers Chem. Co., paint & varnish remover, 115 Chestnut, Newark, N. J.
Chalmers, Harvey & Son, pearl buttons, Amsterdam, N. Y.
Chalmers Mfg. Co., castings, Lima, O.
Chalmers & Williams Mfg. Co., rock crushers, etc., Chicago Hghts., Ill.
Chalstrom, J. E., contrs., Joliet, Ill.
Chamberlain, A. P., stone, Denison, Tex.
Chamberlain Co., drain pipe cleaners, 305 Penn av, Pittsburgh, Pa.
Chamberlain Constr. Co., Seattle, Wash.
Chamberlain, F. R., & Co., masons' & bldrs.' matls., Wellsville, N. Y.
Chamberlain, G. Howard, architect, 18 S. B'way, Yonkers, N. Y.
Chamberlain, J., & Sons, contractors, Asbury Park, N. J.
Chamberlain, John G., masons' & bldrs.' matls., Bordentown, N. J.
Chamberlain Mach. Works, Waterloo, Ia.
Chamberlain, R. T., & Sons, contractors, 142 E. 5th, So., Salt Lake City, Utah.
Chamberlin Cartridge & Target Co., ammunition, 514 Prospect av, Cleveland, Ohio.
Chamberlin Co., advtg. counsellors, Kresge Bldg., Detroit, Mich.
Chamberlin, G. A., contr., Mobile, Ala.
Chamberlin, E. B., & Co., fertilizer mfrs., Highstown, N. J
Chamberlin, James B., architect, Newtown, Pa.
Chamberlin & Johnson, sealing wax, 1238 Voskamp, Pittsburgh, Pa.
Chamberlin Metal Weather Strip Co., 109 3d av, Detroit, Mich.
Chamberlin Rubber Co., Rochester, N. Y.
Chamberlyne (Inc.), furniture, 503H E 72nd, New York
Chambers, A. J., contractor, Millville, N. J.
Chambers, A. Reeder, fire brick, clay, etc., Trenton, N. J.
Chambers, B. W., contrs., 737 S. St. Clair, Toledo, O.
Chambers & Barnes, contrs., Rochester, N. Y.
Chambers, Bering, Quinlan Co., faucets, steel, slack barrels & hog rings & soldering irons, Decatur, Ill.
Chambers Bros. Co., brick & clay wkg. machy., 52nd below Lancaster av, Phila., Pa.

Chambers, F. M., contrs., Rock Island, Ill.
Chambers, Geo., contractors, Powers Bldg., Rochester, N. Y.
Chambers, Henry, contr,, 6475 Frankstown av, Pittsburgh, Pa.
Chambers, J. B., contractor, Youngstown, Ohio.
Chambers, J. H., lumber, Cottage Grove, Ore.
Chambers Mfg. Co., gas stoves & ranges, Shelbyville, Ind.
Chambers, M. W., broom corn, Dayton, Ohio.
Chambers, S. K., & Bro., masons' & bldrs.' matls., West Grove, Pa.
Chambers & Son, contractors, Chattanooga, Tenn.
Chambers, Walter B., architect, 111 E. 40th, New York.
Chambers, W. H., & Son, contrs., Newcastle, Pa.
Chambersburg Engng. Co., machinery mfrs., Chambersburg, Pa.
Chambersburg Fdry & Mach. Co., engines, Chambersburg, Pa.
Chambley, Alex., contractor, 2057 Sumner, Philadelphia, Pa.
Champaign Bros., machsts., Ithaca, N. Y.
Champion Bed Spring Co., E. 37th, Cleveland, Ohio.
Champion Blower & Forge Co., Lancaster, Pa.
Champion Brass Works, machsts. & fndrs., Coldwater, Mich.
Champion Brick Co., 110 Lexington, Baltimore, Md.
Champion Brick Co., Mechanicsville, N. Y.
Champion Bridge Co., Wilmington, Del.
Champion Button-Hole Mach. Co., 641 Atlantic av, Boston, Mass.
Champion Button Wks., 104 W. 30th, New York.
Champion Carbon Co., dry batteries, 1st National Bank Bldg., Cincinnati, Ohio.
Champion Chemical Wks., chloride of lime, lye, etc., 19 W Austin av, Chicago, Ill.
Champion Coated Paper Co., paper & pulp mills, Hamilton, Ohio.
Champion Compound Co., boilers, Lehigh av & Mutter, Phila., Pa.
Champion Cutter & Fixture Co., paper cutter, Piqua, O.
Champion Drill Co., Avon, N. Y.
Champion Engineering Co., The, electric traveling cranes, Columbus, Ohio. *See adv index at end of book.*
Champion Evaporator Co., Hudson, Ohio.
Champion Feed Milling Co., Clinton, Ia.
Champion Fibre Co., Hamilton, Ohio.
Champion Foundry Machinery Co., riddles, 2419 W. 14th, Chicago, Ill.
Champion Hdwe. Co., Geneva, Ohio.
Champion Horse Shoe Co., Pawtucket, R. I.
Champion Ignition Co., spark plugs, Flint, Mich.
Champion International Co., paper & pulp mills, Lawrence, Mass.
Champion Iron & Wire Wks., Omaha, Neb.
Champion & Levien, Inc., contrs., 48 E. 10th, New York.
Champion Machine & Forging Co. (The), drop forgings, 3690 E. 78th, Cleveland, O. *See adv index at end of book.*
Champion Machy. Co., Joliet, Ill.
Champion Mfg. Co., bolt, nut & rivet mfrs., 7332 Kimbark av, Chicago, Ill.
Champion Mfg. Co., machsts. & fndrs., Rocky Hill, Conn.
Champion Mfg. Co., water cooling radiators, 552 Golden Gate av, San Francisco, Cal.
Champion Metal Deather Strip & Parting Bead Co., 12 Columbia, Boston, Mass.
Champion Milk Cooler Co., Cortland, N. Y.
Champion Paper Co., Carthage, N. Y.
Champion Paper Cutter Co., Piqua, Ohio.
Champion Potato Machinery Co., Hammond, Ind.
Champion Rivet Co., Harvard av & E. 108th, Cleveland, Ohio.
Champion Shoe Machinery Co., 3727 Forest Pk. blvd., St. Louis, Mo.
Champion Silk Co., silk thread, Pottstown, Pa.
Champion Spark Plug Co., Toledo, Ohio.
Champion Stove Co., 4001 W. 25th, Cleveland, Ohio.
Champion, Thomas E., canned goods, Normal, Ill.
Champion Tool Co., hand tools, Meadville, Pa.
Champion Tool & Handle Co., log hooks, Evart, Mich.
Champion Tool Works, Div. Acme Machine Tool Co., lathes, 4955 Spring Grove av, Cincinnati, Ohio.
Champion Wagon Co., auto. wood bodies & storage battery trucks, Owego, N. Y.
Champion Wire & Iron Wks., bk. & office railings, Louisville, Ky.
Champlain Mfg. Co., interior finish, Burlington, Vt.
Champlin Hardware Co., Enid, Okla.
Champlin, Wm. H., lbr., packing boxes, Rochester, N. H.
Champney, E. F., architect, Henry Bldg., Seattle, Wash.
Chance, Geo. W., architect, 47 W. 34th, New York.
Chance, Geo. Whitefield, architect, Harrison Bldg., Phila., Pa.
Chance Mfg. Co., arresters & guy anchors, Centralia, Mo.
Chancellor, S. D., rims & felloes, Wilmington, Ohio.
Chance's, R. C., Sons, canned goods, 122 Pine, Philadelphia, Pa.
Chandlee, H. P., Sons Co., household specialties, mfrs., 114 W. Lombard, Baltimore, Md.
Chandlee, Ira W., canned goods, Slab, Pa.
Chandler & Ballard Co., canned goods, Exmore, Va.
Chandler & Barber Co., whol. hdwe., 124 Summit, Boston, Mass.
Chandler-Boyd Supply Co., mill & facty. supplies, 47 Terminal Wy., Pittsburgh, Pa.
Chandler Bros., lbr., New Gloucester, Me.
Chandler & Co., masons' & bldrs.' matls., Knoxville, Tenn.
Chandler Co., name plates & light stampings, Springfield, Mass.
Chandler Construction Co., 31 State, Boston, Mass.
Chandler & Farquhar Co., whol. hdwe., machsts., mill & facty. supplies, belt shifters, wire straightening machy., etc., 36 Federal, Boston, Mass.
Chandler, Francis W., archit., 195 Marlborough, Boston, Mass.
Chandler, Geo. M., ties, poles & posts, Onaway, Mich.
Chandler, Geo. M., Co., gen'l. contractors, 1523 W. Market, Indianapolis, Ind.
Chandler, H. S., architect, 755 Boylston, Boston, Mass.
Chandler Mach. Co., Ayer, Mass.
Chandler Mach. Co., Kokomo, Ind.
Chandler & Maps, masons' & bldrs.' matls., Long Branch, N. J.
Chandler & Morse, mill & facty. supplies, Putnam, Conn.
Chandler Motor Car Co., E. 131st & St. Clair av, Cleveland, O.
Chandler Oil Cloth & Buckram Co., East Taunton, Mass.
Chandler & Park, architects, 400 S. Main, Racine, Wis.
Chandler & Price Co., machy. (presses), 6000 Carnegie av, Cleveland, Ohio.
Chandler Pump Co., Cedar Rapids, Ia.
Chandler Pump & Supply Co., mill & facty. supplies, Kansas City, Mo.
Chandler Pumps Co., machinists, Kansas City, Mo.
Chandler, T. P., architect, 112 S. 16th, Philadelphia, Pa.
Chandler & Taylor Co., engines, Indianapolis, Ind.
Chandler, W. G., architect, Marshfield, Ore.
Chandley Co., mattresses, Worcester, Mass.

Chanel, A. B., architect, Battle Creek, Mich.
Chaney, J. H. & Son Co., contrs., 189 W. Madison, Chicago, Ill.
Chaney Mfg. Co., barometers, thermometers, Springfield, Ohio.
Channell Chemical Co., floor & furniture polish, 4501 Western blvd, Chicago, Ill.
Channon & Dufva Co., mill & facty., plumbers' & steam fitters' supplies, Rock Island, Ill.
Channon-Emery Stove Co., founders, Quincy, Ill.
Channon, H., & Co., contrs tools, mill & facty & steam fitters' supy, 339 W Randolph, Chicago, Ill.
Channon-Hughson Co., bounce absorbers, 227 W. Erie, Chicago, Ill.
Channon, James H., Mfg. Co., contractors' & railway supplies, 227 W. Erie, Chicago, Ill.
Chanslor & Lyon Co., auto. tops, Los Angeles, Cal.
Chantrell Hardware & Tool Co., hardware mfrs., Reading, Pa.
Chanute Brick & Tile Co., Chanute, Kan.
Chanute Lumber Co., Chanute, Kan.
Chaparra Sugar Co., 129 Front, New York.
Chapel, A. M., Machine Co., Pittsfield, Mass.
Chapel Mills Mfg. Co., woolen flannels, Cherry Valley, Mass.
Chapin, Benj. M., contr., Morgantown, W. Va.
Chapin, Chas. E., Co., brushes, 201 Fulton, New York.
Chapin Co., dairy feed, Hammond, Ind.
Chapin, E. T., Co., ties, poles, etc., Spokane, Wash.
Chapin, Edwin T., architect, State Mutual Bldg., Worcester, Mass.
Chapin & Gould Paper Co., Springfield, Mass.
Chapin, Louis S., leaded glass, Rochester, N. Y.
Chapin, R. E., Mfg. Wks., oil cabinets, cans, pumps, tanks, etc., Batavia, N. Y.
Chapin-Stephens Co., carpenters', coopers' tools, gauges, levels, screw drivers, etc., Pine Meadow, Conn.
Chapler, Elijah C., architect, Atkinson, Ill.
Chapin, Benj. M., Co., contrs., Morgantown, W. Vo.
Chaplin & Chaplin, architects, 374 Main, Springfield, Mass.
Chaplin-Fulton Mfg. Co., gas regulating valves, 34 Penn. av, Pittsburgh, Pa.
Chapline Construction Co., Post Dispatch bldg, St. Louis, Mo.
Chapline, John, architect, Clearfield, Pa.
Chapman & Bangs Co., wholesale hdwe., Bridgeport, Conn.
Chapman & Brooks Co., whol. hdwe. & mill & facty. supplies, Springfield, Mass.
Chapman, C. A., Inc., mill engineer & paper & pulp mill architect, 28 Jackson blvd., E., Chicago, Ill.
Chapman, C. L., Cream Separator Wks., Erie, Pa.
Chapman, C. W., Lumber Co., Waterloo, Ia.
Chapman, Chas., contractor, 118 N. La Salle, Chicago, Ill.
Chapman Co., cake moulds, cream dippers, egg beaters & measuring cups, etc., Geneva, N. Y.
Chapman-Cross Construction & Realty Co., Montgomery, Ala.
Chapman-Clark Co., Masons' mtls, Savannah, Ga.
Chapman & Dewey Lbr. Co., Rialto Bldg., Kansas City, Mo.
Chapman, E. R. B., architect, 44 Bromfield, Boston, Mass.
Chapman, Edgar, contractor, Plant City, Fla.
Chapman Elec. Neutralizer Co., Portland, Me.
Chapman Engng. Co., gas producers, Mount Vernon, Ohio.
Chapman, F. Burnham, architect, 4 E. 39th, New York.
Chapman, F. H., Contrg. Co., 103 Park av, New York.
Chapman, F. W., contractor, Waterloo, Ia.
Chapman Fertilizer Co., Central Bldg., Los Angeles, Cal.
Chapman & Frazer, architects, 112 Water, Boston, Mass.
Chapman, George A., architect, Auditorium Bldg., Minneapolis, Minn.
Chapman & Graham, Inc., contrs., Jamestown, N. Y.
Chapman, H. B., Co., sash, door & blind, 81 Bristol, Boston, Mass.
Chapman, H. K., architect, Candler Bldg., New York.
Chapman, H. L., mfrs. gas engines, Marcellus, Mich.
Chapman, H. T., lbr., Newton, Miss.
Chapman Hardware Co., Durango, Colo.
Chapman, Henry Otis, architect, 335 5th av, New York.
Chapman, Hiram W., htg. contractors, 331 Vanderbilt av, Brooklyn, N. Y.
Chapman, J. L., architect, 720 Robinson av, San Diego, Cal.
Chapman Jack Co., car, screw, loco. & truck lifting jacks, 45th & Lakeside av, Cleveland, Ohio.
Chapman, Jno. C., architect, Sioux Falls, S. D.
Chapman, Josephine W., architect, 46 Washington sq., New York.
Chapman Knitting Mills, 68 E. 131st, New York.
Chapman Lbr. Co., 1322 Carbon, Syracuse, N. Y.
Chapman Machine Corp., screw machine products, Terryville, Conn. *See adv index at end of book.*
Chapman Milling Co., flour, Sherman, Tex.
Chapman, P. E., armature & field coil winding machs., 10th & Walnut, St. Louis, Mo.
Chapman, P. Higbee, architect, 4061 Chouteau av, St. Louis, Mo.
Chapman Plumbing Supp. Co., 204-208 W. 3d, S. W., Canton, Ohio.
Chapman & Resnick, scrap rubber, 1361 S. Morgan, Chicago, Ill.
Chapman, Robt., & Co., contractors, 1874 Park av, New York.
Chapman, Sargent, woodenware & novelties, Piqua, Ohio.
Chapman Slate Co., roofing slate, Bethlehem, Pa.
Chapman & Smith Co., paste, 1017 Washington blvd, Chicago, Ill.
Chapman & Soden, roofing paper, 150 Oliver, Boston, Mass.
Chapman Stained Glass Studios, 222 Hudson av, Albany, N. Y.
Chapman Standard Slate Co., roofing slate, Philadelphia, Pa.
Chapman Steam Specialty Co., regulators, Canton, O.
Chapman-Storm Lumber Co., Morgan City, La.
Chapman & Tripp, masons' & bldrs.' matls., Jewett City, Conn.
Chapman Valve Mfg. Co., valve hydrant mfrs., Indian Orchard, Mass.
Chapman, W. H., foot presses, etc., 229 Mulberry, Newark, N. J.
Chapman, W. H., Co., hardware mfrs., Middletown, Conn.
Chapman, W. H., & Sons, masons' & bldrs.' matls., Wheeling, W. Va.
Chapman, W. R., & Sons, contrs., 1506 Washington av, Philadelphia, Pa.
Chapman, Wm., architect, 15 Ashburton pl, Boston, Mass.
Chapman, Wm. O., Co., stable, bank & office fix., 30 Church, New York.
Chapman's, T. M., Sons Co., machsts. & fndrs., Old Town, Me.
Chappel, Edw., Co., masons' & bldrs.' matls., Norwich, Conn.
Chappell & Bosworth, architects, 258 Broadway, New York.
Chappell, F. H. & A. H., Co., lumber mfrs., New London, Conn.
Chappell Shingle Co., lumber, Granite Falls, Wash.

Chappell-Warren Co., heating contrs., 1830 St. Clair, Cleveland, Ohio.
Chappell, Wayvell & Co., floor & wood surfacing machy, Waukegan, Ill.
Chappelle, Frank H., architect, 743 Ashland av, Buffalo, N. Y.
Chapper, F. A., iron wks, 652 E Fort, Detroit, Mich.
Charbeneau, J. C., acetylene gas generators, Mt. Clemens, Mich.
Charcoal Iron Co. of America, pig iron, Union Trust Bldg., Detroit, Mich.
Charcoal Supply Co., 1186 Cherry av, Chicago, Ill.
Chard & Howe, lubrg. oils, 250 Front, New York.
Chard Lathe Co., engine lathe, Newcastle, Ind.
Chard, Thornton & Walter G., architects, 101 Park av, New York.
Chard., Walter G., architect, 101 Park av, New York.
Chariott, Salvatore, contr., South Norwalk, Conn.
Charlebois Bros., contractors, Watertown, N. Y.
Charleroi Hard Wall Plaster Co., Speers, Pa.
Charleroi Iron Wks., Charleroi, Pa.
Charles, Geo. H. Sons, contrs., Wilmington, Del.
Charles Sign Co., 1458 W. Kinzie, Chicago, Ill.
Charles, U. G., architect, Schwelter Bldg., Wichita, Kans.
Charles, Valentine W., architect, 428 Jefferson, Milwaukee, Wis.
Charles, Walter E., architect, 155 N. Clark, Chicago, Ill.
Charles, Wm. B., cotton waste, Amsterdam, N. Y.
Charleston Canning Co., Charleston, Tenn.
Charleston Dry Dock & Mach. Co., Charleston, S. C.
Charleston Electrical Supply Co., H, Kanawha, Charleston, W. Va.
Charleston Engineering & Contr. Co., Charleston, S. C.
Charleston Excelsior M. & B. Wks., Charleston, S. C.
Charleston Galvanzed Iron Cornice & Steel Ceiling Wks., Charleston, S. C.
Charleston Hardware Co., Charleston, W. Va.
Charleston Lead Wks., Charleston, S. C.
Charleston Lumber Co., Charleston, W. Va.
Charleston Milling Co., flour, Charleston, Mo.
Charleston Milling & Produce Co., flour, Charleston, W. Va.
Charleston, S. C., Mining & Mfg. Co., phosphate rock, Richmond, Va.
Charleston Window Glass Co., Charleston, W. Va.
Charlesworth, G. A., machsts., Elmer, N. Y.
Charlotte Bros., machsts. & brass fndrs., Woonsocket, R. I.
Charlevoix Hardware Co., cornices & skylights, Charlevoix, Mich.
Charlevoix Lumber Co., Charlevoix, Mich.
Charlevoix Rock Products Co., lime mfrs., Charlevoix, Mich.
Charlotte Casket Co., Charlotte, N. C.
Charlotte Coal & Supply Co., masons' & bldrs. matls., Charlotte, N. Y.
Charlotte Consolidated Constr. Co., Charlotte, N. C.
Charlotte Furn. Co., Dept H, Charlotte, Mich.
Charlotte Hardware Co., Charlotte, N. C.
Charlotte Leather Belting Co., Charlotte, N. C.
Charlotte Mfg. Co., textile machy., Charlotte, N. C.
Charlotte Paving Co., contrs., Charlotte, N. C.
Charlotte Pipe & Fdry. Co., Charlotte, N. C.
Charlotte Roller Mills, flour, Charlotte, Tenn.
Charlotte Supply Co., mill & facty. supplies, Charlotte, N. C.
Charlotte Wagon & Auto Co., auto. wood bodies, Charlotte, N. C.
Charlotte Waste Co., Inc., Charlotte, N. C.
Charlottesville Hardware Co., Charlottesville, Va.
Charlottesville Lumber Co., Charlottesville, Va.
Charlton, Chas. H., Jr., architect, Baton Rouge, La.
Charlton, J. F., architect, 730 Gravier, New Orleans, La.
Charlton, J. J., lbr. mfrs., Kettle Falls, Wash.
Charlton & Kuenzli, architects, Marquette, Mich.
Charpiot & Mills Mfg. Co., stoves, Toledo, Ohio.
Charter Gas Engine Co., Sterling, Ill.
Charter Oak Milling Co., Blac River Falls, Wis.
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.
Chartiers Creek Coal Co., bituminous, Park bldg., Pittsburgh, Pa.
Charvat, Anton, architect, 2621 Millard av, Chicago, Ill.
Charyn, Al., plbrs' supplies, 430 W B'way, New York
Chase, A. B., Co., organs & pianos, Norwalk, Ohio.
Chase Bag Co., 8 N. Main, St. Louis, Mo.
Chase, Benj., Co., sticks (plant), Derry, N. H.
Chase, Chas. S., Co., masons' & bldrs. matls., Portland, Me.
Chase & Cooledge Co., mill & facty. supplies, Holyoke, Mass.
Chase, D. D., Lumber Co., Haverhill, Mass.
Chase, Edw. O., machsts., 171 Washington, Newark, N. J.
Chase Elec. Co., 105 S. Dearborn, Chicago, Ill.
Chase, F. A., & Co., mill & facty. supplies, 253 W. Exchange, Providence, R. I.
Chase Foundry & Mfg. Co., The, trucks & cars of all kinds, for all purposes, & improved road machinery, 2700 S Parsons av, Columbus, Ohio. *See adv index at end of book*
Chase, Frank D., Inc., architect, 645 N. Michigan av, Chicago, Ill.
Chase, Geo. E. & Co., marine hdwe., Jacksonville, Fla.
Chase-Granville Co., lbr., Baring, Me.
Chase, H. & L., bags & bagging, 267 Atlantic av, Boston, Mass.
Chase-Hackley Piano Co., Muskegon, Mich.
Chase-Hibbard Corp., flour mills, Elmira, N. Y.
Chase, L. C. & Co., upholstery & trimming materials, motor & railway & carriage materials mfrs., 89 Franklin, Boston, Mass. *See adv. index at end of book.*
Chase Machine Co., winches, capstans, etc., 2313 Elm, N. W., Cleveland, Ohio.
Chase Metal Works, rolling mill brass bronze, copper & nickel-silver rod, wire, sheets & tubing, Waterbury, Conn.
Chase, Parker & Co., wholesale hdwe. & mill & facty. supplies, 81 Pearl, Boston, Mass.
Chase, Roberts & Co., varnishes, enamels, lacquer, etc., West av, L. I. City, N. Y.
CHASE ROLLING MILL CO., rolling mill brass, bronze, copper & nickel-silver rod, wire, Waterbury, Conn.
Chase, S. H., Lumber Co., San Jose, Cal.
Chase-Shawmut Co., soldering flux, paste, salts & stick, Newburyport, Mass.
Chase, Stephen, lumber mfrs., Hagedorns Mills, N. Y.
Chase Turbine Mfg. Co., saw mill machy, & water wheels, Orange, Mass.
Chase, Wm. Co., architect, 8 Marlboro, Boston, Mass.
Chase, Wm. J. J., architect, Atlanta Trust Bldg., Atlanta, Ga.
Chase, Wm. R. S., architect, Holyoke Nat'l Bk. Bldg., Holyoke, Mass.
Chaska Brick & Tile Co., Ryan Bldg., St. Paul, Minn.
Chateaugay Pulp Co., Chateaugay, N. Y.
Chatfield Brass & Iron Wks. Co., Escanaba, Mich.
Chatfield Canning Co., Chatfield, Minn.
Chatfield & Chatfield, masons' & bldrs. matls., Waterbury, Conn.
Chatfield, E. S., machsts. & brass fndrs., Addison, N. Y.
Chatfield, Geo. S., Co., contractors & masons' & bldrs. matls., Waterbury, Conn.
Chatfield Mfg. Co., deadening felts, roofing & paving pitch, etc., Carthage, Cincinnati, Ohio.
Chatfield Paper Co., New Haven, Conn.
Chatfield & Sharp, fuel gas burners, Jamestown, N. Y.
Chatfield & Woods Co., paper, etc., 3rd & Plum, Cincinnati, Ohio.
Chatham Carriage Co., Savannah, Ga.
Chatham Die-Casting Co., 128 Mott, New York.
Chatham Mach. & Tool Wks., Inc., machts., jigs & fix., 128 Mott, New York.
Chatham Mfg. Co., wood turpentine, oils, pitch, tar, etc., Savannah, Ga.
Chatham Mfg. Co., woollen blankets, Elkin, N. C.
Chatham Oil & Fertilizer Co., Pittsboro, N. C.
Chatham Trunk Fcty., Savannah, Ga.
Chatillon, John & Sons, hdwe. specialties, scales & scrapers, 85 Cliff, New York.
Chatlos, William F., contractors, 1374 Barnum av, Bridgeport, Conn.
Chatsworth Brick & Tile Co., Chatsworth, Ga.
Chattahoochee Brick Co., Atlanta, Ga.
Chattanooga Armature Works, Chattanooga, Tenn.
Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
Chattanooga Broom & Mop Co. See Universal Broom Co. (successors)
Chattanooga Buggy Co., Chattanooga, Tenn.
Chattanooga Builders' Supply Co., Chattanooga, Tenn.
Chattanooga Coffin & Casket Co., Chattanooga, Tenn.
Chattanooga Electric Co., 329H E Main, Chattanooga, Tenn.
Chattanooga Electro Metals Co., pig iron & ferro-silicon, Chattanooga, Tenn.
Chattanooga Furn. Co., Dept H, Chattanooga, Tenn.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Iron Works, cornices & skylights, Chattanooga, Tenn.
Chattanooga Lumber Co., Chattanooga, Tenn.
Chattanooga Machy Co., key seaters, Chattanooga, Tenn.
Chattanooga Mattress Co., Chattanooga, Tenn.
Chattanooga Paint Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Chattanooga River Brick Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Chattanooga Sand & Supply Co., Chattanooga, Tenn.
Chattanooga Sash & Door Co., Chattanooga, Tenn.
Chattanooga Saw Wks., Chattanooga, Tenn.
Chattanooga Sewer Pipe & Fire Brick Co., flue linings, Chattanooga, Tenn.
Chattanooga Sewer Pipe Works, Chattanooga, Tenn.
Chattanooga Stamping & Enameling Co., plates, Chattanooga, Tenn.
Chattanooga Wagon Co., Chattanooga, Tenn.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Chatten, Harvey, architect, Wells Bldg., Quincy, Ill.
Chatten, Melville C., architect, 64 E Van Buren, Chicago, Ill.
Chatten, S. H., Lbr. Co., Inter State Bldg., Kansas City, Mo.
Chatterton Bros., bldg. contrs., Sacramento, Cal.
Chatterton File Wks., 38 Randall, Providence, R. I.
Chatterton, Jas. M., contractor, 108 S. 8th, Brooklyn, N. Y.
Chatterton, O. J., masons' & bldrs. matls., Hamersville, Ohio.
Chatwin, Alfred, Supply Co., mill & facty. supplies, 401 Broome, New York.
Chatwin Bros. Riprap & Contracting Co., Shreveport, La.
Chaudron & Co., plate glass, 1112 Cathedral, Baltimore, Md.
Chauncey Warehouse & Mfg. Co., Chauncey, Ga.
Chautauqua Photographic Co., Empire Bldg., Pittsburgh, Pa.
Chautauqua Planing Mill Co., sash, door & blind mfrs., Falconer, N. Y.
Chautauqua Refrigerating Co., masons' & bldrs. matls., Jamestown, N. Y.
Chautauqua Towel Mills, Jamestown, N. Y.
Chauvet & Coulter Co., lace machs., 245 7th av, New York.
Chazy Marble Lime Co., Chazy, N. Y.
Cheboygan Mfg. Co., sash, door & blinds, Cheboygan, Mich.
Cheek & Belvin, brick, Durham, N. C.
Cheek, J. U., sashes, doors & blinds, Dunwoody, Ga.
Cheek, M. B., machs. & fdrs., Aurora, Ind.
Cheeseboro & Sand, lumber mfrs., Berne, N. Y.
Cheesebrough, Thos. E., rakes, wood handles, etc., Freeport, Mich.
Cheesman-Elliot, paint mfrs., 233 Flatbush av, Brooklyn, N. Y.
Cheever Iron Ore Co., Port Henry, N. Y.
Chehalis Mill Co., Chehalis, Wash.
Chehalis Shingle Co., Chehalis, Wash.
Chehalis Fir Door Co., McCleary, Wash.
Chehalis Furn. & Mfg. Co., Dept. H, 13th & Hoyt Br., Portland, Ore.
Chellberg, Otto, stone producers, Oak Park, Ill.
Chelsea Clock Co., 16 State, Boston, Mass.
Chelsea Coal & Cement Co., masons' & bldrs. matls., Chelsea, Mass.
Chelsea Electro Plating & Polishing Co., 247 Centre, New York.
Chelsea Elevator Co., dumb waiters, etc., 213 W. 26th, New York.
Chelsea Fibre Mills, burlap, 212 5th av, New York.
Chelsea File Wks., Norwich, Conn.
Chelsea H'dwe. Co., who. h'dwe., Atlantic City, N. J.
Chelsea Lbr. Co., 87 Manhattan, New York.
Chelsea Mfg. & Supply Co., plbrs. supplies, 236 W. 20th, New York.
Chelsea Oil & Supp. Co., lubricants, 17 Battery pl., New York.
Chelton Elec. Co., electrical spec., junction boxes, enclosed fuses, etc., Stenton & Rockland, Philadelphia, Pa.
C. H. & E. Mfg. Co., gasoline & electric hoists & mortar mixers, 384 Clinton, Milwaukee, Wis.
Chemcraft Co., chemical imp., 101 W. 42nd, New York.
Chemey & Co., Inc., sanitary flooring, 134 W. 18th, New York.
Chemical Charcoal Co., 195 Fillmore av, Buffalo, N. Y.
Chemical Co. of Am., 28 Platt, New York.
Chemical Constr. Co., acid plants, Charlotte, N. C.

Chemical & Engng. Co., belt dressing, fillers, etc., Watertown, N. Y.
Chemical Equipment Co., engineers & manufrs., 2437 S Western av, Chicago, Ill.
Chemical Importing & Mfg. Co., chemicals, fireworks, dyes, etc., 90 West, New York.
Chemical Lime Co., Bellefonte, Pa.
Chemical Mfg. Co., Covington, Ky.
Chem. & Metallurgical Engng., trade publication, 10th av, at 36th, New York.
Chemical Paper Mfg. Co., Holyoke, Mass.
Chemical Pigments Corp., lithopone, Stock Exch. Bldg., Philadelphia, Pa.
Chemical Products Co., ferro molybdenum & ferro tungsten, Washington, D. C.
Chemical Products Co., soluble cotton, size, etc., 80 Charles River rd, Boston, Mass.
Chemical Products Co., 116 Christopher, New York.
Chemical (The) Pump & Valve Co., Perth Amboy, N. J.
Chemical Rubber Co., W. 112th, Cleveland, Ohio.
Chemical Supply Co., soaps, etc., 2450 Canal rd., Cleveland, Ohio.
Chemical Toilet Corp., Syracuse, N. Y.
Chenery & Co., mill & facty. supplies, Jamestown, N. D.
Cheney, A. C., Piano Action Co., Castleton, N. Y.
Cheney Bros., carriage & wagon wheel spokes, Jamaica, Vt.
Cheney Bros., plushes & velvets, So. Manchester, Conn.
Cheney, Frank P., lbr., Lowell, Mass.
Cheney, Hy., Hammer Co., Little Falls, N. Y.
Cheney, Howard L., architect, 208 La Salle, Chicago, Ill.
Cheney Lime Co., Allgood, Ala.
Cheney, S. H., cornices & skylights, Fond Du Lac, Wis.
Cheney, S., & Son, machsts. & fndrs., Manlius, N. Y.
Cheney Talking Mach. Co., 1107 B'way, New York.
Cheraw Brick Wks., Cheraw, S. C.
Cheraw Oil & Fertz. Co., Cheraw, S. C.
Cheraw Sash, Door & Lbr. Co., Cheraw, S. C.
Cherokee Brick Co., Macon, Ga.
Cherokee Fall Mfg. Co., bags & bagging, Cherokee Falls, S. C.
Cherokee Fertilizer Co., Macon, Ga.
Cherokee Mfg. Co., machsts. & fndrs., Cherokee, Iowa.
Cherokee Mfg. Co., masons' & bldrs. matls., Dalton, Ga.
Cherokee Ochre Co., clays, Cartersville, Ga.
Cherry Chandelier Co., electric & gas light fixture mfrs., 525 N. 9th, Philadelphia, Pa.
Cherry Chemical Co., boiler compounds, 1018 Callowhill, Philadelphia, Pa.
Cherry Creek Canning Co., Cherry Creek, N. Y.
Cherry Implement Co., machsts., Aurora, N. C.
Cherry, J. G., Co., paper & pulp mills, Cedar Rapids, Ia.
Cherry, John, contractor, Jacksonville, Ill.
Cherry, P. L. Co., masons' & bldrs,. matls., 2711 Hawthorne av, Portland, Ore.
Cherry Lbr. Co., St. Bernard, Cincinnati, Ohio.
Cherry River Boom & Lbr. Co., Scranton, Pa.
Cherry River Paper Co., Scranton, Pa.
Cherry Tree Machine Co., Cherry Tree, Pa.
Cherry Valley Shingle Co., Duvall, Wash.
Cherry, Wm. John, architect, Grand Cent. Term., New York.
Cherryvale Brick Co., Cherryvale, Kan.
Cherryvale Iron Wks. Co., Cherryvale, Kan.
Chesapeake Belting Co., belting mfrs., 823 McKim, Baltimore, Md.
Chesapeake Corp., paper & pulp mills, West Point, Va.
Chesapeake Iron Works, Westport, Baltimore, Md.
Chesapeake Mach. Co., 3903 Eastern av, Baltimore, Md.
Chesapeake Marine Ry. Co., machsts., Philpot cor. Point, Baltimore, Md.
Chesapeake & Ohio Railway Co., fuel mine operations, 61H B'way, New York
Chesapeake Packing Co., Sherwood, Md.
Chesapeake Paperboard Co., box board mfrs., Woodall & Claggett, Baltimore, Md.
Chesapeake & Virginia Coal Co., Inc., 710H, People's Nat. Bk. bldg, Lynchburg, Va.
Chesebro, Whitman, Co., scaffolding & ladders, 1167 1st av, New
Chesbrough, A. M., lbr., Thompson, Mich.
Chesbrough Mfg. Co., petrolatum, 17 State, New York.
Cheshire, J., & Son, machsts. & fndrs., Martinsville, Va.
Cheshire Lime Mfg. Co., Cheshire, Mass.
Cheshire Mills, woolen flannels, Harrisville, N. H.
Cheshire, R. L., contractor, 1118 Peabody av, Memphis, Tenn.
Chesley, A. C., Co., fireproof doors, 275 Rider av, New York.
Chesley Bros., machsts. & fndrs., Danville, Ill.
Chesley, Earl & Heimbach, Inc., contractors & dock bldrs., 20 Breckenridge, Buffalo, N. Y.
Chesley, J. L., machst. & fndr., Danville, Ill.
Chesnee Mills, cotton sheetings, Chesnee, S. C.
Chesnutt, Cooper & Co., bristles, 100 William, New York.
Chess & Wymond Co., cooperage stock, Louisville, Ky.
Chester Advtg. Co., advtg. novs., 202 W. 3d, Chester, Pa.
Chester Constr. & Contr. Co., Otis Bldg., Phila., Pa.
Chester County Motor Co., Coatesville, Pa.
Chester, F. E., Mfg. Co., fishing tackle, 3 Pine, Providence, R. I.
Chester General Contracting Co., East Liverpool, Ohio.
Chester Graphite Co., Chester Springs, Pa.
Chester Granite & Polishing Wks., Chester, Mass.
Chester Hardware Co., Chester, S. C.
Chester, Jacob N., teasels, 109 Broad, New York
Chester Knitting Wks., sweaters, cardigans, etc., 2103 Pitkin av, Brooklyn, N. Y.
Chester Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.
Chester Mach. & Lbr. C'o., Chester, S. C.
Chester Paper Co., Chester, Pa.
Chester Ry. Supply Co., trolley ears, Chester, Pa.
Chester Ship Building Co. (Ltd.). See Merchant Ship Bldg. Corp. (successor).
Chester Steel Castings Co., 407 Sansom, Philadelphia, Pa.
Chester, W. C., contractor, Wrightsville, Ga.
Chester, W. R., & Co., lumber, 89 State, Boston, Mass.
Chesterman & Streeter, elastic & surgical hosiery, 25 S. 11th, Philadelphia, Pa.
Chesterton, A. W., Co., gauge glass cutters, mill & facty. supplies & packing mfrs., etc., 64 India, Boston, Mass.
Chestnut Ridge White Brick Co., 7 W. 45th, New York.
Chestresmith, Ed B., architect, 259 W. 30th, New York.
Cheswold Canning Co., Aberdeen, Md.
Chetham Lbr. Co., 15 William, New York.
Chevalier Bros. Co., machsts. & fndrs., B'klyn, N. Y.

Chevallaz, Chas., architect, 405 Luzern apts., Seattle, Wash.
Cheves, Wm. R., granite producers, Lanesville, Mass.
Chevillot, Louis F., contractor, 68 Greenwood, Detroit, Mich.
Chevrolet Motor Co., Flint, Mich.
Chew, Joshua, & Co., contractors, Lafayette, Ind.
Cheyenne Brick Co., Cheyenne, Wyo.
Cheyney, Jno. H., & Co., machinists, Chester, Pa.
Cheyney, John K., sponges, Tarpon Springs, Fla.
Chiaro, John A., architect, 145 Broadway av, Melrose Park, Ill.
Chicago Addressing Co., 720 S. Dearborn, Chicago, Ill.
Chicago Aluminum Castings Co., fndrs., 2647 Ogden av, Chicago, Ill.
Chicago Apparatus Co., laboratory apparatus & supplies, 82 S. Clinton, Chicago, Ill.
Chicago Arch'l Photographing Co., Marquette Bldg., Chicago, Ill.
Chicago Art Metal Wks., monograms, 300 W. Lake, Chicago, Ill.
Chicago Asbestos Mfg. Co., asbestos cements, pipe coverings & roofing, 1909 W. 22d pl, Chicago, Ill.
Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
Chicago Auto. Supply House, carbon removers, 1351 S. Michigan av, Chicago, Ill.
Chicago Automatic Machine Co., screw mach., 400 N. Oakley blvd., Chicago, Ill.
Chicago Automatic Switch Co., 900 W. Lake, Chicago, Ill.
Chicago Baling Press Mfg. Co., 305 S. La Salle, Chicago, Ill.
Chicago Bearing Metal Co., 2234 W. 43d, Chicago, Ill.
Chicago Belting Co., 125 N. Green, Chicago, Ill.
Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.
Chicago & Bloomington Stone Co., Bloomington, Ind.
Chicago Boiler Tube Co., 190 N. State, Chicago, Ill.
Chicago Brick Co., 38 S. Dearborn, Chicago, Ill.
Chicago Brick Machinery Co., 20 W. Jackson blvd, Chicago, Ill.
Chicago Bridge & Iron Works, bridges, barges, boats, steel chimneys, dry docks, elevated water tanks, steel storage tanks & plate metal work, etc., 2105 Old Colony Bldg., Chicago, Ill. *See adv. index at end of book.*
Chicago Bronze Co., 110 W. Lake, Chicago, Ill.
Chicago Brush Mfg. Co., 412 W. Erie, Chicago, Ill.
Chicago Bldrs.' Specialties Co., benders, clamps, floor clips, etc., 11 S. La Salle, Chicago, Ill.
Chicago Building Constr. Co., 4770 Lincoln av, Chicago, Ill.
Chicago Building Glass Co., 3516 N. Clark, Chicago, Ill.
Chicago Butchers' Packing Co., 216 N. Peoria, Chicago, Ill.
Chicago Cabinet & Fixture Works, 2016 W. Van Buren, Chicago, Ill.
Chicago Calcium Light Co., 178 N. Green, Chicago, Ill.
Chicago Car Door Co., McCormick Bldg., Chicago, Ill.
Chicago Car Seal Co., 364 N. Green, Chicago, Ill.
Chicago Carbonic Gas Co., liquid carbon dioxide, 904 W. Superior, Chicago, Ill.
Chicago Case Mfg. Co., sample cases, 213 No. Morgan, Chicago, Ill.
Chicago Casket Co., 1106 So. Canal, Chicago, Ill.
Chicago Clamp Co., woodworkers' clamps, 253 Eliot, Detroit, Mich.
Chicago Cleveland Car Roofing Co., carlines, 80 E. Jackson blvd, Chicago, Ill.
Chicago Coach & Carriage Co., auto. seats, 1223 S. Michigan av, Chicago, Ill.
Chicago Coated Board Co., see Gair, Robert, Co. (successor).
Chicago Concentrated Food Co., 3059 Sheffield av, Chicago, Ill.
Chicago Concrete Post Co., 608 S. Dearborn, Chicago, Ill.
Chicago Conveyor Co., gravity, 2416 W. 22nd, Chicago, Ill.
Chicago Copper & Chemical Co., Western Union Bldg., Chicago, Ill.
Chicago Cork Wks. Co., 1243 S Wabash av, Chicago, Ill.
Chicago Cornice Co., 210 S. Western av, Chicago, Ill.
Chicago Creosoting Co., Waukegan, Ill.
Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
Chicago Decorated Leather Co., chair seats, 426 S. Clinton, Chicago, Ill.
Chicago-Detroit Bag Co., Marquette Bldg., Chicago, Ill.
Chicago Die & Mach. Wks., 415 N. Carpenter, Chicago, Ill.
Chicago Down Draft Furnace Co., 115-17 S. Clinton, Chicago, Ill.
Chicago Drainage Const. Co., 30 N. La Salle, Chicago, Ill.
Chicago Dryer Co., ironing & laundry machy., 630 S. Wabash av, Chicago, Ill.
Chicago Electrical Construction Co., electric motors, 740 W. Van Buren, Chicago, Ill.
Chicago Elec. Mfg. Co., automobile lamp, 2817 S. Halsted, Chicago, Ill.
Chicago Electric Meter Co., graphometers, 1045 W. Washington, Chicago, Ill.
Chicago Electric Sign Co., 18 S. Clinton, Chicago, Ill.
Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
Chicago Envelope Co., 59 E. Madison, Chicago, Ill.
Chicago Expansion Bolt Co., 324 W. Wash., Chicago, Ill.
Chicago Eyeshade Co., 128 S. Clinton, Chicago, Ill.
Chicago Eye Shield Co., goggles & eye protectors, etc., 2300 Warren av, Chicago, Ill.
Chicago Faucet Co., 2712 N. Crawford av, Chicago, Ill.
Chicago Feather Duster Co. See Weil-Ransom Co. (successor).
Chicago Ferrotype Co., cameras, photograph machy., 1455 W. Congress, Chicago, Ill.
Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.
Chicago Fertilizer & Chemical Wks., 7631 S. Green, Chicago, Ill.
Chicago File & Rasp Co., Grand Haven, Mich.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill. *See adv index at end of book.*
Chicago Fire Hose Co., 124 W. Lake, Chicago, Ill.
Chicago Fire Window & Cornice Co., 440 N. Halsted, Chicago, Ill.
Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago, Ill.
Chicago Flexible Shaft Co., 5600 Roosevelt rd, Chicago, Ill.
Chicago Floor Co., 730 S. Wabash av, Chicago, Ill.
Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.
Chicago Form Co., garment hangers, 411 S. Wells, Chicago, Ill.
Chicago Foundation Co., contrs., 105 W. Monroe, Chicago, Ill.
Chicago Fndry. Co.,, 2211 N. Major, Chicago, Ill.
Chicago Fountain Soda Water Co., 1140 W. Harrison, Chicago, Ill.
Chicago Furnace Supply Co., 549 W. Monroe, Chicago, Ill.
Chicago Fuse Mfg. Co., arresters, cut-outs, fuses, etc., 1014 W. Congress, Chicago, Ill. *See adv. index at end of book.*
Chicago General Fixture Co., elec. light fixture mfrs., 19 E. Lake, Chicago, Ill.
Chicago Glass Novelty Co., advertg. letter signs, 1206 Branson, Marion, Ind.

Chicago Glove & Mitten Co., 458 N. Halsted, Chicago, Ill.
Chicago Glue Co., 2012 W. Kinzie, Chicago, Ill.
Chicago Gold Coin Stove Wks., 2135 Loomis, Chicago, Ill.
Chicago Gold Enamel Co., Monadnock Blk., Chicago, Ill.
Chicago Granitine Mfg. Co., artificial stone ldry. tubs, 3619 Wall, Chicago, Ill.
Chicago Gravel Co., sand dlrs., 343 S. Dearborn, Chicago, Ill.
Chicago Gum Tape Co., sealing machs., 187 N. Dearborn, Chicago, Ill.
Chicago Hammock Co., 523 N. Union av, Chicago, Ill.
Chicago Handle Bar Co., Shelby, Ohio.
Chicago Hardware Foundry Co., North Chicago, Ill.
Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.
Chicago Heights Boiler Wks., Chicago Heights, Ill.
Chicago Heights Bottle Co., Chicago Heights, Ill.
Chicago Heights Constr. Co., Chicago, Ill.
Chicago Heights Oil Mfg. Co., dairy, horse & mule feed, Chicago Heights, Ill.
Chicago Hosiery Co., lumbermen's socks, 565 Michigan av, Detroit, Mich.
Chicago House Wrecking Co. of Minn., Inc., pumping jacks, farm trucks & machsts., 80 E. Fillmore av, St. Paul, Minn.
Chicago Hydraulic Press Brick Co., 133 W. Washington, Chicago, Ill.
Chicago Incinerator Co. (Garbage Disposal Plants, etc.), 320 E. No. Water, Chicago, Ill.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Chicago Iron Fdry Co., 2313 Austin av, Chicago, Ill.
Chicago Journal Bearing Co., machsts. & fndrs., 519 W. Vanburen, Chicago, Ill.
Chicago Knife Wks., 228 S. Clinton, Chicago, Ill.
Chicago Label & Box Co., 312 N. May, Chicago, Ill.
Chicago Lamp & Fixture Co., metallic shades, 309 S. Clinton, Chicago, Ill.
Chicago Laundry Machy. Co., collar seam dampening machines, 213 W. Grand av, Chicago, Ill.
Chicago Leather & Mercantile Co., leather gaskets & washers, 1848 W. 14th, Chicago, Ill.
Chicago Lumber & Coal Co., East St. Louis, Ill.
Chicago Lumber & Coal Co., R. A. Long Bldg., Kansas City, Mo.
Chicago L'br. Co., Omaha, Neb.
Chicago Mach. Tool Co., 649 Washington Blvd, Chicago, Ill.
Chicago Mach. & Washer Co., 2625 W. 15th, Chicago, Ill.
Chicago Machy. Exchange, 1217 Washington blvd., Chicago, Ill.
Chicago Mailing Tube Co., 425 S. Hoyne av, Chicago, Ill.
Chicago Malleable Castings Co., 120th & Racine av, Chicago, Ill.
Chicago Malleable Iron Co., founders, Blue Island & Western avs, Chicago, Ill.
Chicago Mfg. Co., truck radiators, fenders, hoods, etc., 1464 S. Michigan av, Chicago, Ill.
Chicago Mfg. Co., valves, Chicago Jct., Ohio.
Chicago Mat Board Co., 664 Washington blvd., Chicago, Ill.
Chicago Metal Covering Co., mouldings, 2835 Lake, Chicago, Ill.
Chicago Metal Mfg. Co., metal specialties, 313 S. Clinton, Chicago, Ill.
Chicago Metal Reduction Co., welding plates, 29 W. Jackson blvd Chicago, Ill.
Chicago Metal Sign Co., 20 N. Wells, Chicago, Ill.
Chicago Metal Treating Co., 4032 N. Rockwell, Chicago, Ill.
Chicago Metal Weather Strip Co., 1617 N. Troy, Chicago, Ill.
Chicago Mica Co., Valparaiso, Ind.
See adv. index at end of book.
Chicago Mill & Lumber Co., boxes, crates, etc., 111 W. Washington, Chicago, Ill.
Chicago Millwork Supply Co., 1404 W. 37th, Chicago, Ill.
Chicago Millwright & Pulley Co., mill & facty. supplies, 1759 Ogden av, Chicago, Ill.
Chicago Min. Lamp Wks., 652 Walker, Chicago, Ill.
Chicago Mirror & Art Glass Co., adv. purposes, 216 N. Clinton, Chicago, Ill.
Chicago Mission Furniture Co., 1929 Clybourn av, Chicago, Ill.
Chicago Motor Truck Co., 335 W. 28th pl, Chicago, Ill.
Chicago Motor & Vibrator Co., 163 N. Wabash, Chicago, Ill.
Chicago Nipple Mfg. Co., 908 W. Lake, Chicago, Ill.
Chicago & Northwestern Railway, 226 W. Jackson blvd, Chicago, Ill.
Chicago Nov. Co., steam cookers, 1314 Clybourne av, Chicago, Ill.
Chicago Nut Co., nut mfrs. & screw machine products, 2513 W. 20th, Chicago, Ill.
Chicago & Oak Park Cut Stone Co., Oak Park, Ill.
Chicago & Oak Park Supply Co., masons' & bldrs. matls., 637 Desplaines av, Forest Park, Chicago, Ill.
Chicago Oxygen Gas Co., 1742 W. Madison, Chicago, Ill.
Chicago Oyster Pail Co., ice cream boxes, paper cups, 504 S. Green, Chicago, Ill.
Chicago Packing Co., meat packers, 4535 Gross av, Chicago, Ill.
Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.
Chicago Pennant Co., 1310 E. 61st, Chicago, Ill.
Chicago Perforating Co., perforated metals, 208 S. La Salle, Chicago, Ill.
Chicago Plumbing Supply Co., 726 W. Grand av, Chicago, Ill.
Chicago Plush & Leather Case Co., jewelry cases, 110 N. Franklin, Chicago, Ill.
Chicago Pneumatic Tool Co., 6 E. 44th, New York.
See adv index at end of book.
Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.
Chicago Printing Ink Co., 24 S. Clinton, Chicago, Ill.
Chicago Pulley & Shafting Co., 40 S. Clinton, Chicago, Ill.
Chicago Pump Co., 2342 Wolfram, Chicago, Ill.
See adv index at end of book.
Chicago Ry. Equipment Co., 1928 W. 46th, Chicago, Ill.
Chicago Ry. Signal & Supply Co., elec. bells, 122 S. Michigan av, Chicago, Ill.
Chicago Raw Products Co., fertilizer mfrs., 2801 S. Ashland av, Chicago, Ill.
Chicago Rawhide Mfg. Co., gears & pinions, 1301 Elston av, Chicago, Ill.
Chicago Recording Scale Co., machsts. & fndrs., Waukegan, Ill.
Chicago Reed Ware Co., 1523 Carroll av, Chicago, Ill.
Chicago Retort & Fire Brick Co., Ottawa, Ill.
Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.
Chicago Rubber Clothing Co., blankets, mackintoshes, rubber goods, etc., Racine, Wis.
Chicago Rubber Co., mill & facty. supplies, 218 W. Mad., Chicago, Ill.
Chicago Sandoval Coal Co., McCormick bldg, Chicago, Ill.
Chicago Sash, Door & Blind Mfg. Co., 1249 W. North av, Chicago, Ill.
Chicago Scale Co., portable forges, 7740 S. Chi. av, Chicago, Ill.
Chicago Screw Co., Homar av & Fillmore, Chicago, Ill.
Chicago Sewer Pipe Co., 133 W. Washington, Chicago, Ill.
Chicago Ship Building Co., 101st & Calumet R., Chicago, Ill.
Chicago Show Card Wks., signs, cardboard, 406 Dearborn, Chicago, Ill.
Chicago Signal Co., 522 S. Clinton, Chicago, Ill.
Chicago Smelting & Refining Co., 25th & Loomis, Chicago, Ill.
Chicago Soda Fountain Co., 153 N. Jefferson, Chicago, Ill.
Chicago Solder Co., canning machy., solders, etc., 4201 Wrightwood av, Chicago, Ill.
Chicago Special Constr. Co., 53 W. Jackson blvd, Chicago, Ill.
Chicago Sporting Goods Mfg. Co., 211 N. Carpenter, Chicago, Ill.
Chicago Spring Butt Co., hinges, 1500 Carroll av, Chicago, Ill.
Chicago Springfield Coal Co., Springfield, Ill.
Chicago Stage. Ltg. Co., 112 N. La Salle, Chicago, Ill.
Chicago Steel Car Co., Harvey, Ill.
Chicago Steam Heating Co., 565 W. Washington, Chicago, Ill.
Chicago Steel Foundry Co., castings, etc., 3701 S. Kedzie av, Chicago, Ill.
Chicago Steel & Manufacturing Co. See Chicago Boiler Tube Co. (successor).
Chicago Steel Post Co., see Red Top Steel Post Co., (successors).
Chicago Steel Tank Co., Cicero, Ill.
Chicago Steel Tape Co., 6231 Cottage Grove av, Chicago, Ill.
Chicago Steel & Wire Co., 10257 Torrence av, Chicago, Ill.
Chicago Stone Conduit Co., Addison & Chi. River, Chicago, Ill.
Chicago Store & Office Fixture Co., 820 S. Clinton, Chicago, Ill.
Chicago Stove & Range Co., 2500 Cottage Grove, Chicago, Ill.
Chicago Surgical & Elec. Co., laboratory apparatus, etc., 324 W. Supr., Chicago, Ill.
Chicago Switchboard Mfg. Co., 426 S. Clinton, Chicago, Ill.
Chicago Tanning Co., leather gloves, 130 W. Austin av, Chicago, Ill.
Chicago Tape & Label Co., labels & measuring tape, 521 N. Spaulding av, Chicago, Ill.
Chicago Telephone Supply Co., Elkhart, Ind.
Chicago Temperature Regulator Co., 215 W. Illinois, Chicago, Ill.
Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.
Chicago Tin Co., 2005 S. State, Chicago, Ill.
Chicago Tool & Kit Mfg. Co., 12 N. Market, Chicago, Ill.
Chicago Tool Reclaiming Co., milling cutters, 147-9 Austin av, Chicago, Ill.
Chicago Tube & Iron Co., mill & facty. supplies, 1469 S. Jefferson, Chicago, Ill.
Chicago Tubing & Braiding Co., 216 N. Clinton, Chicago, Ill.
Chicago Union Lime Wks., McCook, Ill.
Chicago Union Lime Wks. Co., 1900 W. 19th, Chicago, Ill.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago Veneer Co., Burnside, Ky.
Chicago Wall Paper Mill, Steubenville, Ohio.
Chicago Waste Co., cotton & woolen waste, 319-331 W. Ohio, Chicago, Ill.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Chicago Watchman's Clock Wks., 1526 S. Wabash av, Chicago, Ill.
Chicago Well Supp. Co., cylinders & valves, 232 W. Ontario, Chicago, Ill.
Chicago Wheel & Mfg. Co., emery & corundum wheel mfrs., etc., 1101 W. Monroe, Chicago, Ill.
Chicago White Lead & Oil Co., 1454 S. Western av, Chicago, Ill.
Chicago, Wilmington & Franklin Coal Co., McCormick bldg, Chicago, Ill.
Chicago Wire Chair Co., 619 N. La Salle av, Chicago, Ill.
Chicago Wire, Iron & Brass Wks., 2411 Belmont av, Chicago, Ill.
Chicago Wire Rope Preserver Co., 315 S. La Salle, Chicago, Ill.
Chicago Wood Carving Co. See Zork Mfg. Co. (successor).
Chickamauga Fertilizer Works, Atlanta, Ga.
Chickamauga Quarry & Constr. Co., Chattanooga, Tenn.
Chickasaw Cooperage Co., Memphis, Tenn.
Chickasaw Lumber Co., Ardmore, Okla.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Chickasaw Tile Co., Chickasaw, Ohio.
Chickasha Iron Wks., machsts. & fndrs., Chickasha, Okla.
Chickasha Milling Co., flour, Chickasha, Okla.
Chickering Bros., pianos, 2250 S. Park av, Chicago, Ill.
Chickering, Geo. W., architect, 6 Beacon, Boston, Mass.
Chickering, H. L., masons' & bldrs.' matls., Joplin, Mo.
Chickering & Sons, pianos, 791 Tremont, Boston, Mass.
Chicopee Mfg. Corp., cotton blankets, duck, flannels & sheetings, Chicopee Falls, Mass.
Chief Kokomoko Spec. Co., furn. polish, Kokomo, Ind.
Chief Mfg. Co., carpet cleaning machy., looms, etc., Indianapolis, Ind.
Chief Tractor Mfg. Co., traction engines, 607½ Woodward, Detroit, Mich.
Child Acme Cutter & Press Co., paper cutting machines, 184 Summer, Boston, Mass.
Child, Edw. S., architect, 29 Broadway, New York.
Child G. Sherman, archit., Lake Worth, Florida.
Child, G. F., Chair & Wheel Co., invalid chairs, 1753 W. Van Buren, Chicago, Ill.
Child, Henry T., architect, 29 B'way, New York.
Child & Scott, heating contrs., 112 Wooster, New York.
Child, W. C. W., steel struct. wk., 355 Kingsland av, B'klyn, N. Y.
Child, W. T., architect, Evans blk, Denver, Colo.
Children's Vehicle Corp., East Templeton, Mass.
Childess Furn. Co., Dept. H, Fort Worth, Tex.
Childress Mills, flour, Childress, Va.
Childs Bros., contractors, Tallahassee, Fla.
Childs, Chas. M., & Co., paint mfrs., 43 Summit, B'klyn, N. Y.
Childs, Frank A., architect, 64 E. Van Buren, Chicago, Ill.
Childs, G. S., architect, Lake Worth, Fla.
Childs, Geo. S., architect, Law bldg, Baltimore, Md.
Childs, H. L., & Co., mill & facty. supplies, 249 Water, Pittsburg, Pa.
Childs, Jno., Sr., machy. dlrs., Smiths Ferry, Pa.
Childs, Neal T., l'dscape architect, 68 Post, San Francisco, Cal.
Childs, O. J., Co., fire apparatus, Utica, N. Y.
Childs, S. D., & Co., sheet metal stamping, etc., 136 S. Clark, Chicago, Ill.
Childs & Smith, architects, 64 E. Van Buren, Chicago, Ill.
Childsdale Paper Co., Childsdale, Mich.

Chiles, E. N. & Co., flour mills, Gilmores Mills, Va.
Chilhawie Extract Co., Newport, Tenn.
Chilhowie Milling Co., flour, Chilhowie, Va.
Chillicothe Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio
Chillicothe Hardware Co., Chillicothe, Ohio.
Chillicothe Iron Co., Chillicothe, Mo.
Chiloquin Lbr. Co., Chiloquin, Ore.
Chilson Furnace Co., Mansfield, Mass.
Chilton Canning Co., Chilton, Wis.
Chilton, Geo., cornices, Rouses Point, N. .
Chilton, Henry J., patent broker, 110 S. Dearborn, Chicago, Ill.
Chilton Paint Co., paint mfrs., College Point, L. I., N. Y.
Chilton Tractor Journal, Market & 49th, Phila., Pa.
China Grove Roller Mills, China Grove, N. C.
China & Japan Trading Co., loofahs, 80 Maiden lane, New York.
Chinn Mineral Co., Harrodsburg, Ky.
Chinook Lumber & Shingle Co., Seattle, Wash.
Chinook Packing Co., canned goods, Chinook, Wash.
Chioldi Bros., granite, Barre, Vt.
Chipley Home Mixture Guano Co., Chipley, Ga.
Chipman Chemical Engng. Co., 136 Liberty, New York.
Chippewa Falls Canning Co., Chippewa Falls, Wis.
Chippewa Falls Woolen Mills, woolen blankets, Chippewa Falls Wis.
Chippewa Foundry & Machine Co., Chippewa Falls, Wis.
Chippewa Milling Co., flour, Montevideo, Minn.
Chippewa Shale Brick Co., Chippewa Lake.
Chiquola Mfg. Co., cotton sheetings, Honeapath, S. C.
Chiris Antoine Co., oils, 20 Platt, New York.
Chisholm, A. C., archit., 801 Garrison av, Fort Smith, Ark.
Chisholm, Boyd & White Co., brick machy., 57th & Wallace, Chicago, Ill.
Chisholm Co., 178 Centre, New York.
Chisholm, J. O., & Co., contractors, New Orleans, La.
Chisholm-Moore Mfg. Co., chain hoists, etc., 5046 Lakeside av, Cleveland, Ohio.
Chisholm, R. A., contractor, 180 Jessie, San Francisco, Cal.
Chisholm-Scott Co., machinists, Cadiz, Ohio.
Chisholm's, Wm., Sons & Co., scoops and shovels, 1588 E. 40th, Cleveland, Ohio.
Chisom, C. R., contractor, Bellingham, Wash.
Chisos Mining Co., 51 Exchange, Portland, Me.
Chittenden, E. D., Co., fertilizer mfrs., Bridgeport, Conn.
Chittenden & Eastman Co., mattresses, Burlington, Ia.
Chittenden & Kotting, architects, Dime Bk. Bldg., Detroit, Mich.
Chivers, Herbert Chelsey, architect, Woolworth bldg, New York.
Chivvis, W. R., lbr. mfrs., ft. Lafayette av, St. Louis, Mo.
Chloride of Silver Dry Cell Bty. Co., 407 N. Paca, Baltimore, Md
Chmelik, Frank, architect, 796 2nd av, Long Island City, N. Y
Choate, Chas. Edward, Esq., archit., Candler Bldg., Atlanta, Ga
Chocolate Cooler Co., ice cream cabinets, Grand Rapids, Mich.
Choctaw County Lbr. Co., Ackerman, Miss.
Choctaw Lbr. Co., Kansas City, Mo.
Choctaw Lbr. Co., Silas, Ala.
Choctaw Lbr. Co., Wright, Okla.
Choctaw Portland Cement Co., Tulsa, Okla.
Choctaw Pressed Brick Co., McAlester, Okla.
Choice, J. I., flour, Kilgore, Tex.
Chopa Piston Ring Co., 404H E Jefferson av, Detroit, Mich.
Chowan Cotton Oil & Fertilizer Co., Edenton, N. C.
Chowning Regulator Corp., Corning, N. Y.
Chris Sign & Wall Paper Co., electric illuminated, Seattle, Wash.
Chrisman Fdry. Co., castings, rig irons, etc., Morgantawn, W. Va.
Chrisman's Const. Co., Christman, Ill.
Chrisney Canning Co., Chrisney, Ind.
Chrisp, Hugh P., architect, Cutler Bldg., Rochester, N. Y.
Chrispin, Jas. G., Lime & Cement Co., 2117 Monroe av, Norwood, Cincinnati, Ohio.
Christ Bros. Mfg. Co., tex. machy. supplies (tapes, braid & cords), 1303 Buttonwood, Philadelphia, Pa.
Christ, C. H. furniture, Dept. H, Stockton, Calif.
Christa Marble Co., marble & onyx workers, 1625 St. Aubin, Detroit, Mich.
Christen Bellows & Mfg. Co., see Christen, J. C. Mfg. Co., (successors).
Christen, Chas., architect, Decatur, Ind.
Christen, J. C. Mfg. Co., bellows, Main & Dock, St. Louis, Mo.
Christensen, Adolph, contractor, 1433 Brown, Phila., Pa.
Christensen, C. S., Co., flour, Madelia, Minn.
Christensen, Carl C., contractor, Perth Amboy, N. J.
Christensen, Chas. W., architects, 1818 Greenleaf, Chicago, Ill.
Christensen & Christensen, contrs., 869 Grand, Bridgeport, Conn.
Christensen Construction Co., Felt Bldg., Salt Lake City, Utah.
Christensen Engng Co., oil engines, Milwaukee, Wis.
Christensen, Fred, Constr. Co., Perth Amboy, N. J.
Christensen, Hans C. architect, 7258 Union av, Chicago, Ill.
Christensen, H. M., Co., shoe knives, Brockton, Mass.
Christensen, M. F., & Son Co., balls, marbles, Akron, Ohio.
Christensen, John C., architect, 3255 Evergreen av, Chicago, Ill.
Christensen, J. H., architect & contr., Benkelman, Neb.
Christensen Mach. Co., Racine, Wis.
Christensen, N., & Sons, wholesale hdwe., masons' & bldrs. matls & mill & facty. supplies, Beaufort, S. C.
Christensen, Oscar N., architect, Kenosha, Wis.
Christensen Rudolph, hdwe. mfr., 107 Chambers, New York.
Christenson Lbr. Co., lbr. mfg., 1950 3d, San Francisco, Cal.
Christenson, Wm., ornamental struct. iron & steel, York, Pa.
Christian Bros. Soap Co., 42 Delaware av, Albany, N. Y.
Christian Construction Co., Durham, N. C.
Christian, Geo. C., & Co., flour, 1004 New Ch. Com., Minneapolis, Minn.
Christian, Henry L., contr., Blythe, Cal.
Christian, J. E., & Co., contractors, 1119 Superior av, N. E., Cleveland, Ohio.
Christian, Jno., Mfg. Co., thresher teeth, San Jose, Cal.
Christian, L., & Co., flour, Shakopee, Minn.
Christian, T. S., contractor, Durham, N. C.
Christiana Mach. Co., Christiana, Pa.
Christiana Machine Co., machst., Wilmington, Del.
Christiano, Jos., contractor, Greenwich, Conn.
Christiansen Bros., contractors, 469 1st av, Milwaukee, Wis.
Christiansen, C., cabinet makers' benches, clamp, 2814 W. 26th, Chicago, Ill.
Christiansen, Chas., cornices, 276 Water, New York.
Christiansen, Eli, architect, 7047 Indiana av, Chicago, Ill.
Christiansen, L., automatic elev. gates, 254 Broad, Lynn, Mass.
Christianson, L., automatic elevator gates, 254 Broad, Lynn, Mass.
Christianson, Peter, contr., De Kalb, Ill.
Christie, Alex., & Co., automobile springs, Seattle, Wash.
Christie, B. B., fndrs., Dayton, Ohio.
Christie Cut Stone Co., Memphis, Tenn.
Christie, Kline Forging & Machine Co., iron & steel forgings, 2739 Guain, Detroit, Mich.
Christie Machine Works, 191 Fremont, San Francisco, Cal.
Christman, A. G., Co., washing machines, ironing boards, Reading, Pa.
Christman, B., lumber, Loyal, Wis.
Christman, H. G., Co., contractors, South Bend, Ind.
Christman Piano Co., 597 E. 137th, New York.
Christman Sons, pianos, 35 W. 14th, New York.
Christmann, Phillip, & Sons Co., doors, sheet metal, etc., 858 Virginia, Buffalo, N. Y.
Christofel's, A., Sons, scrapers, cleaners, boiler flue or tube, 277 Eldert, Brooklyn, N. Y.
Christopher, Geo. C., & Son, bank & office railings, Wichita, Kan.
Christopher, J. H., contractor, Ridgewood, N. J.
Christopher, G. Co., mill & facty. supplies, Jacksonville, Fla.
Christopher & Simpson Iron Wks., 9th & Pk. av, St. Louis, Mo.
Christy Co., razor mfrs., Fremont, Ohio.
Christy Knife Co., Fremont, Ohio.
Chrome Steel Wks., iron rolling mills, Chrome, N. J.
Chromister, V. H., soap, Decatur, Ill.
Chromos Chem. Co., Inc., 35 W. 42nd, New York.
Chrystal, Chas. B., clays, minerals, etc., 13 Cliff, New York.
See adv index at end of book.
Chryster & Koppler, store fixtures & refrigerators, 819 W. Warren av, Detroit, Mich.
Chubb, John D., architect, 109 N. Dearborn, Chicago, Ill.
Chubbuck Furnace Co., 1892 Washington, Boston, Mass.
Chumbley, J. E. & Co., wire measuring mach., Nashville, Tenn.
Chunn, C. H., architect, Brown Carter bldg, Asheville, N. C.
Chupka, Jno. & Son, contr., Berwyn, Ill.
Church Appliance Mfg. Co., coal chutes; joists, anchor wall ties, corner beads, etc., La Salle, Ill.
Church Art Work Co., archl. modelers, Mount Vernon, N. Y.
Church Bros., lumber mfrs., Afton, N. Y.
Church Bros., machsts. & fndrs., Adrian, Mich.
Church, C. F., Mfg. Co., plumbers' supplies & bathroom fixtures & fittings, mfrs., Holyoke, Mass.
Church & Coover, Shoaff Bldg., Fort Wayne, Ind.
Church, D. O., Co., contractors, 68 Post, San Francisco, Cal.
Church & Dwight Co., chemicals, 27 Cedar, New York.
Church, E. C., Co., whol. hdwe. & mill & facty. supplies, 5 Eddy, Providence, R. I.
Church, E. I., & Co., weather strips, West Hanover, Mass.
Church, Elmore, lbr. mfrs., Brasher Falls, N. Y.
Church, H. W., contractor, 494 Ashland av, St. Paul, Minn.
Church, expansion & toggle bolts, East Norwalk, Conn.
Church, J. Winfield, contractor, Narragansett Pier, R. I.
Church, Jas. A., Co., contractors, 262 Sherman av, New Haven, Conn.
Church, John, Co., pianos, 109 W. 4th, Cincinnati, Ohio.
Church Lumber Co., Ronda, N. C.
Church & Morse, whol. hdwe. & mill & facty. supplies, Meriden, Conn.
Church, Stephen B., mill & facty. supp., Seymour, Conn.
Church St. Machy. & Engrg. Corp., machy. & hdwe. exporters, 30 Church, New York.
Church, W. C., Lumber Co., Des Moines, Ia.
Church, Walter S., architect, 157 W. Division, Chicago, Ill.
Churchill & Allen, shoe tacks, nails, etc., Lynn, Mass.
Churchill Cabinet Co., tel. cabinet wk., 2119 Churchill, Chicago.
Churchill, Frank G., architect, Hennen bldg, New Orleans, La.
Churchill, Judson N., architect, Lansing, Mich.
Churchill-Milton Lbr. Co., Greenwood, Miss.
Churchman, C. Wharton, archt., 1424 Walnut, Philadelphia, Pa.
Chuse Engine & Mfg. Co., Mattoon, Ill.
Chute & Butler Co., organs & pianos, Peru, Ind.
Chytrans, Olaf, see Chytrans & Anderson, (successors).
Chytrans & Anderson, contrs., 555 E 8th, Salt Lake City, Utah.
Cianci, Joseph, & Son Co., contractors, 12 Ring, Providence, R. I.
Cibara Mfg. Co., vegetable glue, 1512 Clark, St. Louis, Mo.
Ciccarelli, Eugene G. Jr., architect, 402 Grape, Syracuse, N. Y.
Cicero Fuel & Building Material Co., Cicero, Ill.
Cicero Lumber Co., Cicero, Ind.
Cifax Packing Co., canned goods, Cifax, Va.
Cigar Mach. Corp. of Amer., 506 N. Eutaw, Baltimore, Md.
Cilley, W. W., & Co., machinists, Lynn, Mass.
Cincinnati Abattoir Co., meat packers, Spring Grove av nr. Stock Yards, Cincinnati, Ohio.
Cincinnati Advtg. Prod. Co., signs, glass, 1101 York, Cincinnati, Ohio.
Cincinnati Aluminum Casting Co., Norwood, Cincinnati, Ohio.
Cincinnati Artistic Wrought Iron Co., 2941 Eastern av, Cincinnati, Ohio.
Cincinnati Auto Specialty Co., auto tops, 426 Elm, Cleveland, O.
Cincinnati Automatic Machine Co., screw machines, 3120 South, Oakley, Cincinnati, Ohio.
Cincinnati Bag Co., 601 E. 5th, Cincinnati, Ohio.
Cincinnati Ball Crank Co., North Oakley, Cincinnati, Ohio.
Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, Ohio.
Cincinnati Bellows Wks., 2211 Norwood av, Norwood, Cincinnati, Ohio.
Cincinnati Beveling & Silvering Co., glass benders & bevelers, 430 Oliver, Cincinnati, Ohio.
Cincinnati Bickford Tool Co., Cincinnati, Ohio.
Cincinnati Brick Co., Addyston, Ohio.
Cincinnati Butchers' Supply Co., butchers' machy., meat choppers & slicers, 2008 Central av, Cincinnati, Ohio.
Cincinnati Cabinet Co., "Furniture," 2264H Bogen, Cincinnati, Ohio.
Cincinnati Can Co., oil, gasoline & pump cans, etc., 426 Culvert, Cincinnati, Ohio.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Cincinnati Cement Products Co., garden furniture, window refrigerators, 2016 Dana av, Cincinnati, Ohio.
Cincinnati Chemical Works, Inc., dyestuffs, Evanston Station, (Norwood), Cincinnati, Ohio.
Cincinnati Cigar Box Co., gum lumber mfrs., 2d & John, Cincinnati, Ohio.

Cincinnati Clay Products & Supply Co., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.
Cincinnati Cloth Button Co., 536 Main, Cincinnati, Ohio.
Cincinnati Coffin Co., Richmond, Carr & Fillmore, Cincinnati, O.
Cincinnati Cornice Wks., 637 W. Court, Cincinnati, Ohio.
Cincinnati Crushed Stone & Gravel Co., Union Central Bldg., Cincinnati, Ohio.
Cincinnati Cushion Co., mattresses, 116 Opera pl, Cincinnati, O.
Cincinnati Electrical Tool Co., Cincinnati, Ohio.
Cincinnati Elevator Wks., machinists, 212 W. 2d, Cincinnati, O.
Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, Ohio.
Cincinnati Engng. Tool Co., Winton pl., Cincinnati, Ohio.
Cincinnati Flag Pole Co., Bond Hill, Cincinnati, Ohio.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.
Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, Ohio.
Cincinnati Fdry. Co., Cincinnati, Ohio.
Cincinnati Frog & Switch Co., Madison rd, Oakley, Cincinnati, Ohio. *See adv index at end of book.*
Cincinnati Galvanizing Co., ash cans, galvanized iron & garbage pails, McMicken av & Tafel, Cincinnati, Ohio.
Cincinnati Gear Co., 1815 Reading rd, Cincinnati, Ohio.
Cincinnati Gear Cutting Machine Co., Elam & Garrard av, Cincinnati, Ohio.
Cincinnati Glue Heater Co., Cincinnati, O.
Cincinnati Granite Wks., 4043 Spring Grove av, Cincinnati, O.
Cincinnati Grinder Co., 3233 Colerain, Cincinnati, Ohio.
Cincinnati Hdwd. Lbr. Co., 2624 Colerain av, Cincinnati, Ohio.
Cincinnati Horse Shoe & Iron Co., Cleves, Ohio.
Cincinnati Iron Fence Co., 3300 Spring Grove av, Cincinnati, Ohio.
Cincinnati Iron & Steel Co., lathes, etc., Cincinnati, Ohio.
Cincinnati Lathe & Tool Co., Oakley, Cincinnati, Ohio.
Cincinnati Lubricant Pump Co., Blanchester, Ohio.
Cincinnati Machy. Exchange, 2nd hand machy., 324 E. 2nd, Cincinnati, Ohio.
Cincinnati Mfg. Co., ornamental iron & bronze work, fireproof doors, etc., Cincinnati, Ohio.
Cincinnati Metal Refining Co., Babbitt metal, 1314 Dayton, Cincinnati, Ohio.
Cincinnati Milling Machine Co., Cincinnati, Ohio.
Cincinnati Oil Wks. Co., lubrg. oils, 525 Eggleston av, Cincinnati, Ohio.
Cincinnati Panel Co., auto. & carriage bodies, 1938 W. 8th, Cincinnati, Ohio.
Cincinnati Pattern Wks., Front & Lawrence, Cincinnati, Ohio.
Cincinnati Planer Co., 3120 South, Oakley, Cincinnati, Ohio.
Cincinnati Plate Glass Co., 319 W. 2d, Cincinnati, Ohio.
Cincinnati Pulley Machy. Co. See Avery Drilling Mach. Co. (successor).
Cincinnati Pump Co., Liberty & Clay, Cincinnati, Ohio.
Cincinnati Ry. Supply Co., wire rope clips, 13 E. 2d, Cincinnati, Ohio.
Cincinnati Refrigerating Machinery Co., Lincoln av, Cincinnati, Ohio.
Cincinnati Regala Co., badges & flags, 4th & Elm, Cincinnati, O.
Cincinnati Rubber Mfg. Co., belting, hose, packing, etc., Cincinnati, Ohio.
Cincinnati Sash & Door Co., 942 W. 6th, Cincinnati, Ohio.
Cincinnati Screw Co., Twightwee, Cincinnati, Ohio.
Cincinnati Sewer Pipe Co., Elm & Water, Cincinnati, Ohio.
Cincinnati Shaper Co., Elam & Garrard, Cincinnati, Ohio.
Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio.
Cincinnati Soap Co., Sp. Grove & Clifton avs, Wn. pl, Cincinnati, Ohio.
Cincinnati Stamping Co., tinware, etc., 24 W. McMicken av, Cincinnati, Ohio.
Cincinnati Steel Castings Co., Queen City & Spring Grove avs, Cincinnati, Ohio.
Cincinnati Storage Battery Co., Moormann & Madison rd, Cincinnati, Ohio.
Cincinanti Tech. School, engng. schools & coll., Cincinnati, Ohio.
Cincinnati Tent & Awning Co., tool rolls, 232 E. 3d, Cincinnati, Ohio.
Cincinnati Time Recorder Co., 9 Church, New York.
Cincinnati Tool Co., chisels, clamps, linemen's tools, etc., Norwood, Cincinnati, Ohio. *See adv index at end of book.*
Cincinnati Truss Hoop Co., 115 W. 2d, Cincinnati, Ohio.
Cincinnati Varnish Co., 2111 South, Cincinnati, Ohio.
Cincinnati Veneer Co., 1285 W. 6th, Cincinnati, Ohio.
Cincinnati Wire Bound Box Co., Carthage Pike & Big 4 R. R. St. B., Cincinnati, Ohio.
Ciralsky, Abraham, & Son, scrap iron, South Bend, Ind.
Cire Bros., brick, Donaldsonville, La.
Cisco Mach. Tool Co., engine lathes, Cincinnati, Ohio.
Cisler & Morse, contrs., Marietta, Ohio.
Cisler, Thos., & Co., brick, Marietta, Ohio.
Cissell, J. R., meat packers, Perryville, Mo.
Citico Furnace Co., Chattanooga, Tenn.
Citizens' Canning Co., Spiceland, Ind.
Citizens' Coal Mining Co., Springfield, Ill.
Citizens' Construction Co., 133 W. Washington, Chicago, Ill.
Citizen's Gas Co., coke, 47 S. Penn., Indianapolis, Ind.
Citizens' Home Bldg. Co., Citizens' Bldg., Cleveland, Ohio.
Citizens' Lbr. Co., Asheville, N. C.
Citizens' Lumber Co., Pillsbury & Territorial rd, St. Paul, Minn.
Citizens' Lumber Co., Parkersburg, W. Va.
Citizens' Mill & Gin Co., flour, Alice, Tex.
Citizens' Sand & Gravel Co., Toledo, Ohio.
Citrus Soap Co., San Diego, Cal.
Cittenden, B. D., masons' & bldrs.' matls., Burton, Ohio.
City Boiler & Machine Co., 939 W. 8th, Kansas City, Mo.
City Brass Fdry. Co., castings, 5318 St. Clair av, Cleveland, O.
City Brass Wks., founders, Columbus, Ohio.
City Brass Wks., machsts. & fndrs., 1744 Carroll av, Chicago, Ill.
City Button Wks., 376 2d av, New York.
City Carriage Wks., Ft. Wayne, Ind.
City Coal Co., masons' & bldrs.' matls., Pawtucket, R. I.
City Coal & Wood Co., masons' & bldrs.' matls., New Britain, Conn.
City Concrete & Coal Co., masons' & bldrs.' matls., 936 Woodward av, Detroit, Mich.
City Constr. Co., Pereles Bldg., Milwaukee, Wis.
City Cornice Works, Seattle, Wash.
City Cornices & Skylight Co., 267 W. 35th, New York.
City Engineering Co., machinists, Dayton, Ohio.
City Flour Milling Co., Statesville, N. C.
City Forge & Iron Works, 424 E. First, Dayton, Ohio.
City Foundry Co., 45th & Hamilton av, Cleveland, Ohio.
City Foundry Co., 2585 Pawtucket av, Providence, R. I.
City Foundry Co., Toledo, Ohio.
City Fuel & Supply Co., masons' & bldrs.' matls., Hammond, Ind.
City Gas Co., coal tar products, Norfolk, Va.
City Iron Fndry., Lowell, Mass.
City Iron Wks., Grand Ledge, Mich.
City Iron Wks. & Mach. Co., 522 S. Del. av, Philadelphia, Pa.
City Lumber Co., Jackson, Tenn.
City Lumber Co., Woonsocket, R. I.
City Lbr. & Coal Co., 590 W. Main, Waterbury, Conn.
City Lumber Yard, sash, door & blind, Iron Mountain, Mich.
City Machine Co., 5321 St. Clair, Cleveland, Ohio.
City Mach. & Tool Wks., Dayton, Ohio.
City Machine & Tool Co., Toledo Factories Bldg., Toledo, O.
City Mill & Grain Co., flour, Columbia, Tenn.
City Mills Co., flour, Columbus, Ga.
City Ornamental Iron, Wire & Brass Wks., fndrs., San Diego, Cal.
City Ornamental Iron Works, 728 S. Main, Los Angeles, Cal.
City Paint & Varnish Co., 1419 Franklin, St. Louis, Mo.
City Paving & Constr. Co., 2064 W. 13th pl, Cleveland, Ohio.
City Point Concrete Co., 149 Greenwich av, New Haven, Conn.
City Sash & Door Co. See Smith Sash & Door Co. (successor).
City Street Improvement Co., contractors & dock bldrs., 3001 17th, San Francisco, Cal.
City & Suburban Buildings Co., Fort Wayne, Ind.
City Waste Disposal Co., 45 7th av, New York.
Civic Center Supply Co., masons' & bldrs.' matls., 603 Octavia, San Francisco, Cal.
Cizek Bros. Mfg. Co., portable grain elev., Clutier, Ia.
Clad, Victor V., Co., cooking app., 217-219 S. 11th, Phila., Pa.
C. J. Mfg. Co., coal meters, 3425 N. 5th, Phila., Pa.
Claflin, C. A., Co., boiler tube soot blowers & steam hose couplings mfrs., 60H Pearl, Boston, Mass.
Claflin Engng. Co., rubber molds, Lancaster, Ohio.
Claflin, H. B., architect, Phoenix, Ariz.
Claflin Machine Co., Waterville, Me.
Claflin Mill & Elevator Co., Claflin, Kan.
Claflin, Waldo M., shoes (baseball & athletic), 1107 Chestnut, Philadelphia, Pa.
Claggett Saddletree Co., Jeffersonville, Ind.
Claiborne Av Sash Factory Co., 2460 N. Claiborne, New Orleans, La.
Claiborne, Johnston & Co., contractors, Garrett Bldg., Baltimore, Md.
Cla Loid Mfg. Co., soap, Clermont, Ia.
Clampitt & Moss. See Rosco Moss (successor).
Clancy Hardware Co., Syracuse, N. Y.
Clancy, J. R., hose clamps, etc., Syracuse, N. Y.
Clancy, W. J., contractor, Ann Arbor, Mich.
Clapp & Abercrombie Co., architects, Greenfield, Mass.
Clapp, Alfred, lumber, 112 Water, Boston, Mass.
Clapp, B. P., Ammonia Co., Louisville, Ky.
Clapp, C. E., & Co., scrap iron & rubber, 170 Summer, Boston, Mass.
Clapp, Chalmers S., architect, Framingham, Mass.
Clapp, E. D., Mfg. Co., carriage hardware, etc., 300 Genesee, Auburn, N. Y.
Clapp, E. H., Rubber Co., reclaimed rubber, 49 Federal, Boston, Mass.
Clapp Eastham Co., wireless telegraph instruments mfrs., Cambridge, Mass.
Clapp Fire Resisting Paint Co., Bridgeport, Conn.
Clapp, H. D. B., & Co., burlap, 824 N. American, Phila., Pa.
Clapp, J. M., contractor, Seattle, Wash.
Clapp & Treat, whol. hdwe. & mill & facty. supplies, 68 State, Hartford, Conn.
Clapp, Z. C., steam htg. contractors, Springfield, Mass.
Clarage Fan Co., centrifugal fans, North & Porter, Kalamazoo, Mich.
Clare Knitting Mills, knitted gloves, Saginaw, Mich.
Clare, Wm. H., architect, 425 S. Maple av, Oak Park, Ill.
Claremont Knitting Co., sweaters, cardigans, etc., 206 Stagg, Brooklyn, N. Y.
Claremont Paper Co., Claremont, N. H.
Clarendon Cotton Oil Co., meal, St. Paul, S. C.
Clarendon Marble Co., West Rutland, Vt.
Clarendon Refining Co., petroleum products, Clarendon, Pa.
Clarendon Torpedo Co., Titusville, Pa.
Clarinda Lawn Mower Co., Clarinda, Ia.
Clarion Gas Co., Oil City, Pa.
Clark, A. C., & Co., boiler flue cleaners, 1035 E. 76th, Chicago, Ill.
Clark, A. F. Lumber Co., wood cross arms, Peabody, Mass.
Clark, A. L., Lumber Co., Glenwood, Ark.
Clark, A. L., Stone Co., Elizabeth, N. J.
Clark, A. N., & Son, machsts. & fndrs., Plainville, Conn.
Clark, A. R., & Co., contractors, 30 N. Michigan av, Chicago, Ill.
Clark, Adelbert D., architect, Cahill bldg, Syracuse, N. Y.
Clark, Allen, & Co., handles, New Britain, Ohio.
Clark, Allison P., Co., contractors, Montclair, N. J.
Clark, Alvan, & Sons Corp., telescopes, Cambridge, Mass.
Clark, Appleton P., Jr., architect, 816 14th, N. W., Washington, D. C.
Clark & Arms, architects, 29 Liberty, New York.
Clark & Bates Lbr. Co., sash, door & blind mfrs., Commerce Bldg., Kansas City, Mo.
Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
Clark Body Co., auto. metal bodies, Water, Amesbury, Mass.
Clark & Boice Lbr. Co., Dallas, Tex.
Clark Brick & Tile Co., Clark, N. C.
Clark Bros., flour, Troy, Kan.
Clark Bros., htg. contractors, 1228 Locust, Philadelphia, Pa.
Clark Bros., masons' & bldrs.' matls., Cambridge, Mass.
Clark Bros. Bolt Co., bolts, nuts, screws & rivets, mfrs., Milldale, Conn. *See adv index at end of book.*
Clark Bros. Co., machsts. & fndrs., Olean, N. Y.
Clark Bros. & Co., sash, door & blind, Plymouth, Pa.
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Clark Bros. Pottery Co., Cannelton, Ind.
Clark, Burton S., architect, 747 Main, Hartford, Conn.
Clark, C. C., & Son, fertilizer mfrs., Mt. Ephraim, N. J.
Clark, C. Everett, Co., contractors, 69 W. Washington, Chicago, Ill.
Clark, C. N., & Co., stone producers, Urbana, Ill.
Clark, C. W., architect, Cortland, N. Y.

Clark Cadle Harmon Corp., washing machines, Rochester, N. Y.
Clark Cameron, architect, 137 E. 46th, New York.
Clark Car Co., industrial, mine, ore & railroad cars, etc., 1624 Oliver bldg, Pittsburgh, Pa.
Clark Cast Steel Cement Co., elastic, iron & pipe joint cements, Shelton, Conn.
Clark, Chas., employment agencies, Kinney bldg., Chicago, Ill.
Clark, Chas. J., air meters, 1716 W. Adams, Chicago, Ill.
Clark, Chas. R., architect, Champaign, Ill.
Clark, Chas. S., architect, 443 E. Tremont av, New York.
Clark, Chester N., architect, Beverly, Mass.
Clark Co., iron & steel nipples, West Newton, Pa.
Clark & Co., contractors, 225 5th av, New York.
Clark & Co., lbr., sash, door & blind mfrs., 515 Hunterdon, Newark, N. J.
Clark & Co., stone producers, wkrs., dealers, 1912 N. 3rd, Philadelphia, Pa.
Clark Coal & Coke Co., Peoria, Ill.
Clark Construction Co., Danville, Ill.
Clark Construction Co., 928 B'way, Kansas City, Mo.
Clark County Construction Co., Winchester, Ky.
Clark County Lumber Co., Springfield, Ohio.
Clark County Lbr. Co., Smithton, Ark.
Clark & Craighead, contractors, 6346 Opal, Philadelphia, Pa.
Clark, Cyrus B., dowels, Grand Rapids, Mich.
Clark, D. M., cornices & skylights, Marquette, Mich.
Clark, D. N., masons' & bldrs.' matls., Shelton, Conn.
Clark, D. P., archit., Bay City, Mich.
Clark, D. W., & Co., aluminum castings, 280 First, Boston, Mass.
Clark-Danforth Handle Co., Cairo, Ill.
Clark, David H., Co., contractors, 166 Brewery, New Haven, Conn.
Clark Dust Collecting Co., Fisher Bldg., Chicago, Ill.
Clark, E. C., Motor Co., machinists, Jackson, Mich.
Clark, E. R., Co., machinists, Hartford, Conn.
Clark, Earl S., & Co., industrial engnrs., Turks Head Bldg., Providence, R. I.
Clark, Edw. S., auto. engines, Boston, Mass.
Clark Edwin H., architect, 8 E. Huron, Chicago, Ill.
Clark, Elbert N., contractor, Milford, Conn.
Clark Elec. & Mfg. Co., 149 B'way, New York.
Clark Elec. Meter Co., 1330 12th, Detroit, Mich.
Clark, Elizabeth B., landscape architect, 235 S. 11th Phila., Pa.
Clark Engine & Boiler Co., steam engines & boilers, Kalamazoo, Mich.
Clark Equipment Co., tools, Buchanan, Mich.
Clark, F. Alton, architect, Naugatuck, Conn.
Clark, F. C., petrolatum, wax, etc., 316 Kinzie, Chicago, Ill.
Clark, F. N., lbr. mfrs., Manton, Mich.
Clark, F. R., granite, Concord, N. H.
Clark & Flanagan, switchboards, Fair Haven, Vt.
Clark Flexible Coupling Co., 27 Walker, New York.
Clark Flexible Metallic Packing Co., Portland, Me.
Clark Fndry. Co., Rumford, Me.
Clark, Frank C., architect, Medford, Ore.
Clark, Fred G., Co., chemicals, 1081 W. 11th, Cleveland, Ohio.
Clark, G. A., Co., sash, door & blind mfrs., Sidney, N. Y.
Clark, G. Aldersey, landscape archt., 46 Cornhill, Boston, Mass.
Clark, Gardner, masons' & bldrs.' matls., Philadelphia, N. Y.
Clark, Gay, Mfg. Co., spokes, Little Rock, Ark.
Clark, Geo. A., & Son, mill & facty. supplies, Minneapolis, Minn.
Clark, Geo. C., Metal Last Co., machsts., Mishawaka, Ind.
Clark, Geo. D., masons' & bldrs.' matls., Blossburg, Pa.
Clark, Geo. H., & Co., hosiery boards, Meredith, N. H.
Clark, Geo. M., & Co., gas heaters, stoves, ovens, etc., 179 N. Michigan av, Chicago, Ill.
Clark, George P., Co. (The), trucks, casters, fans & wringing machines, mfrs., Windsor Locks, Conn.
Clark, Geo. W., tin cans, 252 Water, New York.
Clark-Graham Co., canned goods, Tacoma, Wash.
Clark Grain & Fuel Co., masons' & bldrs.' matls., Chippewa Falls, Wis.
Clark Grave Vault Co., burial vaults, Columbus, Ohio.
Clark, H. C., & Son Machine Co., paper mill machy., Lee, Mass.
Clark, H. E., & Bros., door lock, etc., mfrs., (Brighton), Rochester, N. Y.
Clark, H. F. Jr., paper fasteners, 900 F, N. W., Washington, D. C.
Clark, H. W., Co., machsts. & fndrs., Mattoon, Ill.
Clark, H. W., & Son, machsts. & fndrs., Denison, Tex.
Clark, Haniel, & Son, sash, door & blind, Union City, Pa.
Clark, Haniel, & Son Co., sash, door & blind mfrs., Corry, Pa.
Clark Hardware Co., Black Hawk, Colo.
Clark Hardware Co., Jamestown, N. Y.
Clark Harp Mfg. Co., gut strings, etc., 416 S. Salina, Syracuse, N. Y.
Clark, Harry C. & Co., contrs., Delaware City, Del.
Clark & Henery Construction Co., Stockton, Cal.
Clark, Henry N., Co., hot air furnaces, 56 Union, Boston, Mass.
Clark, Herd Mfg. Co., tables (billiard, pool), 2419 N. Front, Philadelphia, Pa.
Clark Implement Co., machsts. & fndrs., Council Bluffs, Ia.
Clark, J. A., sash, door & blind, Point Marion, Pa.
Clark, J. Alfred, machsts. & fndrs., 35th & Gray's Ferry rd, Philadelphia, Pa.
Clark, J. B., architect, Henry Bldg., Portland, Ore.
Clark, J. C., machsts. & fndrs., Atlanta, Ga.
Clark, J. G., lumber mfr., Beirne, Ark.
Clark, J. H., Hdwe. Co., mill & facty. supplies, 137 W. Lake, Chicago, Ill.
Clark, J. L., Mfg. Co., auto bodies & forgings, Oshkosh, Wis.
Clark, J. L., Mfg. Co., boxes, tin cans, flour sifters, etc., Rockford, Ill.
Clark, J. M., steam engines, Whitestone, L. I., N. Y.
Clark, J. N., masons' & bldrs.' matls., Milford, Ohio.
Clark, J. R., Co., packing box mfrs 71 av, N., & Aldrich av, Minneapolis, Minn.
Clark, J. S. H. Lumber Co., 208 S. Tryon, Charlotte, N. C.
Clark, Jas. F., cornices, 15 Grant ct, Detroit, Mich.
Clark, Jas., Jr., Electric Co., machsts., Louisville, Ky.
Clark, Jas. T., Co., machsts. & fndrs., 70 Adams, Newark, N. J.
Clark, John, & Sons, contrs., Nanticoke, Pa.
Clark, Jno., sash, door & blind mfrs., 231 Hopkinson av, Brooklyn, N. Y.
Clark, Jno., Saddlery Co., Portland, Ore.
Clark Jos. H., architect, 15 W. 38th, New York.
Clark, Josiah, stone producers, Quakertown, Pa.
Clarke, L. C., & Co., whol. hdwe., Danville, Va.
Clark, L. D., & Son, canned goods, Eastport, Me.
Clark & Lee Co., contractors, 201 Devonshire, Boston, Mass.
Clark, Leslie Doane, architect, 151 Winneshiek, Freeport, Ill.
Clark Lumber Co., Auburn, N. Y.
Clark Lbr. Co., Millwood, Ore.
Clark, M. F., contractor, Youngstown, Ohio.
Clark Machine Co., St. Johnsville, N. Y.
Clark Machy Co., boring tools, 1302 Ontario, Cleveland, Ohio.
Clark Mach. & Fdry. Co., see Clark, Wm. C. (successor).
Clark Mach. Wks., metal band saws, Belmont, N. Y.
Clark, MacMullen & Riley, heating & ventg. engrs., 101 Park av, New York.
Clark Mfg. Co., brick, Moseleyville, Ky.
Clark Mfg. Co., coffins, etc., 46 Mathewson, Providence, R. I.
Clark Mfg. Co., horse blankets, West Newton, Mass.
Clark, Melville, Piano Co., 25 E. Jackson Blvd., Chicago, Ill.
Clark Mesker Co., milling machine mfrs., 18511 Euclid av, Cleveland, Ohio
Clark Milling Co., flour, Augusta, Ga.
Clark & Mills Elec. Co., Cambridge, Mass.
Clark, N. & Sons, brick & tile, 116 Natoma, San Francisco, Cal.
Clark-Nickerson Lumber Co., Everett, Wash.
Clark & Norton Mfg. Co., machsts. & fndrs., Wellsville, N. Y.
Clark, O. L., architect, Bakersfield, Cal.
Clark Paint, Oil & Glass Co., Rochester, N. Y.
Clark Paper & Mfg. Co., Rochester, N. Y.
Clark & Pearce, granite, S. Quincy, Quincy, Mass.
Clark, Peter, Iron Wks., 406 W. 30th, New York.
Clark, R. F., Mfg. Co., husking hooks, pins & wrist bands, 169 N. Jefferson, Chicago, Ill.
Clark, R. S., & Son, labels & tags, Cohoes, N. Y.
Clark Robert C., architect, 7216 Harvard av, Chicago, Ill.
Clark, Robert C., architect, U. S. Yards, Chicago, Ill.
Clark, Robt. E., Thread Co., Chester, Pa.
Clark & Russell, architects, 110 Tremont, Boston, Mass.
Clark, S. L., & Son, lbr. mfrs., Larishville, N. Y.
Clark, Samuel Adam, architect, 108 E. 29th, New York.
Clark-Smith Hardware Co., Peoria, Ill.
Clark & Son Co., lbr. sashes & doors, Corry, Pa.
Clark Supply House, steam fitters' supplies, Noblesville, Ind.
Clark, T. B., & Co., cut glassware, Honesdale, Pa.
Clark Textile Co., knitted gloves, Saratoga Springs, N. Y.
Clark, Thos. A., molders bellows, 5873 Side av, N. W., Cleveland, Ohio.
Clark Thread Co., Clark, Newark, also East Newark, N. J.
Clark, Tom, architect, Fremont, Neb.
Clark, Turner Piston Co., 52H S. Los Angeles, Los Angeles, Cal.
Clark & Tunison, contractors, 17 Queens, Long Island City, N. Y.
Clark, W. Emery, architect, Bakewell Bldg., Pittsburgh, Pa.
Clark, W. E., architect, Bakewell bldg., Pittsburgh Pa.
Clark, W. J. Co., see Mullins Body Corp. (successors).
Clark, W. L., Co., advtg. signs, 115-117 Nassau, New York.
Clark, W. N., Co., canned goods, Rochester, N. Y.
Clark, Walter, mill & facty. supplies, Clarksdale, Miss.
Clark, Wm. C., textile machy. Dept. H, Franklin, Mass.
Clark, Wm. J., architect, 4850 Blackstone av, Chicago, Ill.
Clark, Wm. J., contractor, Carnegie, Pa.
Clark, Wm. L., architect, Alexandria, Va.
Clark & Wilson Lbr. Co., Linnton, Ore.
Clark & Wynne, contrs., 8 La Salle, Chicago, Ill.
Clarke, A. B., & Son Hardware Co., 510 E. Broad, Richmond, Va.
Clarke, Audley, Co., masons' & bldrs.' matls., 527 Smith, Brooklyn, N. Y.
Clarke Can Co., boxes & cans (sitho metal), 12th & Fitzwater, Philadelphia, Pa.
Clarke, Chas. A., masons' & bldrs.' matls., Jennings, La.
Clarke, Chas., & Co., contractors, Galveston, Tex.
Clarke Chem. Co., mfg. chemists, Wickliffe, Ohio.
Clarke-Conroy Co., stone producers, Norwich, N. Y.
Clarke Construction Co., Clinton, Ia.
Clarke & Courts, architects & engineers' instruments & supplies, Galveston, Tex.
Clark, E. N. & Son, road contr., Milford, Conn.
Clarke, F. H., Mfg. Co., concrete mixers, 10719 Superior av, Cleveland, Ohio.
Clarke Gas Engine Co., machsts., Evansville, Ind.
Clarke, Geo. W., Co., machy. dlrs., 149 B'way, New York.
Clarke & Harrison. See Clarke, G. W., Inc. (successor).
Clarke & Howe, architects, Turk's Head Bldg., Providence, R. I.
Clarke, J. J., Co., Ltd., masons' & bldrs.' matls., 1111 Julia, New Orleans, La.
Clarke, J. O., Tank Co., Crawfordsville, Ind.
Clarke, Martin, Shipbuilding Co., concrete barges, Catskill, N.Y.
Clarke, Robt., bath room fix. & furnishings, 100 Schermerhorn, Brooklyn, N. Y.
Clarke, T. A., Co., contractors, 122 Livingston, Brooklyn, N. Y.
Clarke, Wm., architect, 24 Lincoln Pl, Winthrop, Mass.
Clarke, Wm., & Sons, damasks (cotton), Cedar & Margaret, Philadelphia, Pa.
Clarke & Winston Co., contractors, 10th & Wharf, S. W., Washington, D. C.
Clarke's Brass Fdry., Kansas City, Mo.
Clarke's Saw & Mach. Wks., saw blades, 66 Alpine, Newark, N. J.
Clarks, A. H., Son, contractors, 275 High, Newark, N. J.
Clark's Foundry, grey iron castings, 1327 Osage, Denver, Colo.
Clark's Iron Fdry., Bayonne, N. J.
Clarksburg Casket Co., Clarksburg, W. Va.
Clarksburg Glass Co., benders, Clarksburg, W. Va.
Clarksburg Opalescent Glass Works, Clarksburg, W. Va.
Clarksdale Machinery Supply Mfg. Co., Clarksdale, Miss.
Clarkson Coal Mining Co., Rockefeller bldg, Cleveland, Ohio.
Clarkson College of Technology, engng. school & colleges, Potsdam, N. Y.
Clarkson & Ford Co., lubrg. oils., 55 Water, New York.
Clarkson Glue Co., 3259 Shields av, Chicago, Ill.
Clarkson, John T., contractor, Hagerstown, Md.
Clarkson Milling Co., flour, Clarkson, Ky.
Clarkson School of Technology, Potsdam, N. Y.
Clarksville Fdry. & Mach. Works, Clarksville, Tenn.
Charlotte Leather Belting Co., Charlotte, N. C.
Clary Bros., carriages, Troy, N. Y.
Clas, A. C., architect, Colby-Abbott Bldg., Milwaukee, Wis.
Clason Architectural Metal Wks., cornices, sheet metal work, etc., 428 Kinsle av, Providence, R. I.
Clason Map Co., Denver, Colo.
Classe, F. M., mattresses, 2727 S. B'way, St. Louis, Mo.

Clauberg, F. A., & Co., razor & cutlery mfrs., 27 Park pl, New York.
Claude & Starck, architects, Madison, Wis.
Claudius, Chas. W., architect, Richmond, Cal.
Claus Automatic Gas Cock Co., brass castings, 1614 Booth, Milwaukee, Wis.
Claus, J. S., architect, 1614 Blaine, Detroit, Mich.
Clausen, C. F., contr., 3153 Leland av, Chicago, Ill.
Clausen, Chas. O., architect, Hearst Bldg., San Francisco, Cal.
Clausen, H. C., Iron Wks., 433 E. 74th, New York.
Clausen & Kruse, architects, Central Office Bldg., Davenport, Ia.
Clausen, N. C., Arch. Iron Co., Albany, N. Y.
Clausen, S. A. architect, Decatur, Ill.
Clauser, W. H., & Sons, contractors, Delphi, Ind.
Clausmeier & Archer, machsts., Ft. Wayne, Ind.
Clausmitzer, John, architect, 55 Bay 34th, Brooklyn, N. Y.
Clauson, Harry M., architect, 331 Madison av, New York.
Clauss, N. J., meat packers, Sacramento, Cal.
Clauss Shear Co., Fremont, Ohio.
Clausse Mfg. Co., asphalt heaters, 535 15th, Detroit, Mich.
Claussen, H. Fred (Claussen & Claussen), architect, Macleay bldg, Portland, Ore.
Claussen & Claussen, architects, Macleary Bldg., Portland, Ore.
Claverie, A. J., & Co., tallow, New Orleans, La.
Claviola Co., pianos, 520 W. 48th, New York.
Clawson Chemical Co., Ridgway, Pa.
Clawson, L. E., Co., sewer pipes, chimney tops, 80 Page, San Francisco, Cal.
Clawson Mach. Co., Flagtown, N. J.
Clay Contrg. & Bldg. Matl. Co., 369 E. 167th, New York.
Clay County Mill & Elevator Co., Piggott, Ark.
Clay County Oil Mill & Fertilizer Co., Lineville, Ala.
Clay Cutlery Co., pocket knives, Andover, N. Y.
Clay Engine Mfg. Co., 864 E. 72nd, Cleveland, Ohio.
Clay, Jno. H., machsts. & fndrs., 1320 Ridge av, Philadelphia, Pa.
Clay Lumber Co., Middle Fork, W. Va.
Clay Product Co., 175 W. Jackson blvd., Chicago, Ill.
Clay, Wm. W. architect, 538 S. Dearborn, Chicago, Ill.
CLAY WORKER, THE, 211 Hudson, Indianapolis, Ind.
See adv index at end of book
Claybrook-Neale Packing Co., Bowlers Wharf, Va.
Claycraft Mining & Brick Co., Hartman Bldg., Columbus, O.
Claymont Brick Wks., common, New Cumberland, W. Va.
Clayson, Edw., contractors, 1307 N. Harding, Chicago, Ill.
Clayton Air Compressors Wks., 115 B'way, New York.
Clayton Canning Co., Clayton, Del.
Clayton, Geo. A., contractor, Atlanta, Ga.
Clayton, J. M., & Co., canned goods, Hoopersville, Md.
Clayton, John, Plow Co., Minneapolis, Minn.
Clayton & Lambert Mfg. Co., mfrs. of small tools and automobile accessories, 1371 Beaubien, Detroit, Mich.
Clayton Lbr. Co., masons' & bldrs.' matls., South River, N. J.
Clayton Mfg. Co., cutlery, shears, etc., Bristol, Conn.
Clayton-Marlborough Mfg. Co., vacuum cleaners, Rochester, N. Y.
Clayton Oil Mill, fertilizer, Clayton, N. C.
Clayton's, Frank B., Sons, auto racks, radiators, mud guards, etc., 1227H N. 11th, Phila., Pa.
Clayville Fndry. & Mach. Co., Clayville, N. Y.
Clayville Paper Mills Co., Clayville, N. Y.
Clayworker, trade publication, Indianapolis, Ind.
C. L. C. Toy, Novelty & Furniture Co., 711 Ohio, Augusta, Kansas.
Cleaner Mfg. Co., polishes, 2842 Olive, St. Louis, Mo.
Cleanola Co., metal polish, Fulton Bldg., Pittsburgh, Pa.
Cleanso Spec. Co., soap, Cambridge, Mass.
Clearfield Brick Mfg. Co., Clearfield, Pa.
Clearfield Bituminous Coal Corp., Clearfield, Pa.
Clearfield Clay Working Co., brick, Clearfield, Pa.
Clearfield Fire Brick Co., Clearfield, Pa.
Clearfield Hardware Co., Clearfield, Pa.
Clearfield Lbr. Co., Clearfield, Ky.
Clearfield Mach. Shops, sand sifters, Clearfield, Pa.
Clearfield Millwork & Lumber Co. (Ltd.), Clearfield, Pa.
Clearfield Sewer Pipe Co., Clearfield, Pa.
Cleary Bros., lumber, Bow, Wash.
Cleary, J. E., tubular boilers, Spokane, Wash.
Cleary, Peter, contractor, 115 Marton, Brooklyn, N. Y.
Cleary-White Construction Co., 105 W. Monroe, Chicago, Ill.
Cleaton, J. A., lbr. mfrs., Ruston, La.
Cleaver, G. C., bldg. & general contractor, Punxsutawney, Pa.
Cleaver & Leather, mill & facty. supplies, Paterson, N. J.
Cleburne Fdry. Co., Cleburne, Tex.
Cleerman Land & Lumber Co., Green Bay, Wis.
Cleese, John P., Co., 18th & York, San Francisco, Cal.
Clegg, F. A., & Co., steam htg. contrs., Louisville, Ky.
Clegg, Jno. W., & Son, heating contrs., Ottawa, Ill.
Clegg Mfg. & Tool Co., jigs, fixtures, gages, metal stampings & spec. machy. mfgrs., Attleboro, Mass.
Clegg, R. H., brick, Durham, N. C.
Cleghorn Co., htg. contrs., 54 Batterymarch, Boston, Mass.
Cleland, G. A., contractor, Kankakee, Ill.
Cleland Mfg. Co., agricultural implements, 280 Washington av, N., Minneapolis, Minn.
Clem Bros., masons' & bldrs.' matls., Staunton, Va.
Clem, John M., & Son, flour mills, Malvern, Ark.
Clemence, Geo. H., architect, 405 Main, Worcester, Mass.
Clemens Elect'l Corp., 725 Main, Buffalo, N. Y.
Clemens, John, machsts., 1922 S. 7th, St. Louis, Mo.
Clement, A. D., meat packers, Danville, Va.
Clement Coverall Co., baking enamels, Camden, N. J.
Clement, F. H., & Co., contractors, Land Title Bldg., Phila., Pa.
Clement, J. L., & Sons, lumber, Gobleville, Mich.
Clement, L. D., toys, Weave, N. H.
Clement Mfg. Co., cutlery mfrs., Northampton, Mass.
Clement Veneer & Lbr. Co., Dept. H, Pamlico, S. C.
Clement, W. D., machsts., Waltham, Mass.
Clements, A. J., & Son, masons' & bldrs.' matls., Massillon, O.
Clements, Chas., granite producers, Boston, Mass.
Clements, G. C., architect, Bishop, Cal.
Clements Lbr. Co., Ray City, Ga.
Clements Mfg. Co., hand vacuum cleaners, 609 Fulton, Chicago, Ill.
Clemetsen Co., desks, 2607 Flournoy, Chicago, Ill.
Clemm, Robert C., architect, 9 Clinton, Newark, N. J.
Clemons, C. B., Co., pianos, 1513 W. Madison, Chicago, Ill.
Clemons, Chas. H., lumber, Montesano, Wash.
Clemson Bros., saws, Middletown, N. Y.
Clemson College, engng. school & coll., Clemson College, S. C.
Clemson Knife Co., Woburn, Mass.
Clendenin Bros., copper products mfrs., Central av & Fawn, Baltimore, Md.
Cleophas, Chas., & Co., advtg. spec., Beloit, Wis.
Clepper, E. E., architect, Sharon, Pa.
Clerkin, Andrew J., cornices, New Haven, Conn.
Clermont Brick Co., Batavia, Ohio.
Clermont Sewer Pipe Co., Clermont, Pa.
Clermont Sewer Pipe Co., 50 Church, New York.
Clernand & Co., freight elevators, etc., 359 W. B'way, New York.
Cleveland-Akron Bag Co., Cleveland, Ohio.
Cleveland, Alden T., Mfg. Co., polishes & shoe blacking, 125 Broad, Boston, Mass.
Cleveland Alloys Co., babbit metal, Elm & Superior, Cleveland, O.
Cleveland Aluminum Casting Co., 905 Addison rd, 1886 E. 40th, Cleveland, Ohio.
Cleveland Armature Works, 4736 St. Clair av, Cleveland, O.
Cleveland Art Metal Co., bronze arch., bank & office railings, 3620 Superior, Cleveland, Ohio.
Cleveland Art Silk Co., Cleveland, Ohio.
Cleveland Auto Top & Trimming Co., 2084 E. 22d, Cleveland, O.
Cleveland Automatic Machine Co., 2269 E. 65th, Cleveland, O.
Cleveland Automobile Co., Arc & London, Cleveland, Ohio
Cleveland-Belmont Coal Co., Hickox bldg, Cleveland, Ohio.
Cleveland Belting & Machine Co., mchy. dealers, 1510 University rd, Cleveland, Ohio
Cleveland Billiard & Mfg. Co., 806 Prospect av, N. E., Cleveland, Ohio.
Cleveland Block Co., tackle, 1173 W. 11th, Cleveland, Ohio.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cleveland Bolt & Mfg. Co., Cleveland, Ohio.
Cleveland Box Co., lumber, shooks, Cleveland, Ohio.
Cleveland Brass & Copper Mills, Inc., Euclid, Ohio.
Cleveland Brass Mfg. Co., plumbers' brass goods, 4606 Hamilton av, Cleveland, Ohio.
Cleveland Brass Works, machsts. & fndrs., 1525 E. 49th, Cleveland, Ohio.
Cleveland Breathing Machine Co., 1856 Euclid av, Cleveland, Ohio.
Cleveland Brewers' Supply Co., mchy, 1506 W. 25th, Cleveland, Ohio.
Cleveland Brick & Clay Co., B. of L. E. Bldg., Cleveland, Ohio.
Cleveland Brick Machy. Co., Wickliffe, Ohio.
Cleveland Bldrs' Supply & Brick Co., Leader News bldg, Cleveland, Ohio.
Cleveland Burial Case Co., 2274 St. Clair av, N. E., Cleveland, O.
Cleveland Button Co., 211 High av, Cleveland, Ohio.
Cleveland Canning Co., Cleveland, Wis.
Cleveland Car Specialty Co., carlines, Lakeside, opp. E. 45th, Cleveland, Ohio.
Cleveland Castings Pattern Co., wood & metal patterns, 1930 E. 61st, Cleveland, Ohio.
See adv. index at end of book.
Cleveland Chain & Mfg. Co., hooks, shackle, chain, etc., Penn R. R. & Henry, Cleveland, Ohio.
Cleveland Chandelier & Mfg. Co., 1522 Brownell Court, Cleveland, Ohio.
Cleveland Chaplet & Mfg. Co., 1197 W. 67th, N. W., Cleveland, Ohio.
Cleveland City Forge & Iron Co., Cleveland, Ohio.
Cleveland Cliffs Iron Co., blast furnace, chemicals, coal & oils, Rockefeller bldg, Cleveland, Ohio.
Cleveland Coffin & Casket Co., Cleveland, Tenn.
Cleveland Column Co., 1826 Columbus rd, Cleveland, Ohio.
Cleveland Constr. Co., Citizens Bldg., Cleveland, Ohio.
Cleveland Co-Operative Stove Co., 2323 E. 67th, Cleveland, O.
Cleveland Crane & Engineering Co., Wickliffe, Ohio.
Cleveland Cream Separator Co., 6613 Hough, Cleveland, Ohio.
Cleveland Cutter & Reamer Co. (The), 1619 Merwin av, Cleveland, O.
Cleveland Cyclone Fence Co., steel, 1230 E. 55th, Cleveland, O.
Cleveland Dental Supply Co., instruments, 3307 Scranton rd, Cleveland, Ohio.
Cleveland Die & Mfg Co., 748 E. 82d, Cleveland, Ohio.
Cleveland Dock Engineering Co., Citizens Bldg., Cleveland, Ohio.
Cleveland Dustout Co., compounds, sweepings, 2100 E 55th, Cleveland, Ohio.
Cleveland Elbow Mfg. Co., stove pipe & elbow mfrs., 1615 Merwin, N. W., Cleveland, Ohio.
Cleveland Electric Motor Co., 5313 Windsor, Cleveland, Ohio.
Cleveland Electro Metals Co., machsts. & fndrs., 2397 W. 38th, Cleveland, Ohio.
Cleveland Engineering Agcy. Co., employment agency, Rose Bldg., Cleveland, Ohio.
Cleveland & Erie Machy. Co., dlrs., 4209 Euclid, Cleveland, O.
Cleveland Fabric Belting Co., 1471 W. 110th, Cleveland, Ohio.
Cleveland Fare Box Co., 4900 Lexington av, Cleveland, Ohio.
Cleveland Faucet Co., pumps, etc., 1205 E. 55th, Cleveland, O.
Cleveland Feed Water Regulator Co., Tennyson rd, Cleveland, O.
Cleveland Flue Cleaner Mfg. Co., emery wheel dressers, 321 Frankfort av., N. W., Cleveland, Ohio.
Cleveland Flush Meter Co., valves flushing, 118 Noble ct, Cleveland, Ohio.
Cleveland Folding Machine Co., mchy., 5200 Euclid av, Cleveland, Ohio.
Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
Cleveland Furnace Co., Clark av S. W. & Cuyahoga River, Cleveland, Ohio.
Cleveland Gas & Electric Supply Co., 940 Prospect av, S. E., Cleveland, Ohio.
Cleveland Gas Meter Co., 2180 E. 65th, Cleveland, O.
Cleveland Gear Works, Cleveland, Ohio.
Cleveland Hardware Co., hardware mfrs., Lakeside av & E. 45th, Cleveland, Ohio.
Cleveland Hardwood Floor Co., Cleveland, Ohio.
Cleveland Heater Co., 1905 W. 112th, Cleveland Ohio.
Cleveland Iron Ore Paint Co., Cleveland, Ohio.
Cleveland, J. W., Hardware Co., 81 B'way, Paterson, N. J.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio.
Cleveland Lathe & Machy. Co., Whitney Power Bldg., Cleveland, Ohio.
Cleveland Laundry Machinery Mfg. Co., 5184 Fowler av S. E., Cleveland, Ohio.
Cleveland Lawn Weeder Co., 1426 W. 3rd, Cleveland, Ohio.
Cleveland Leather Goods Co., traveling bags, 28 Noble ct, Cleveland, Ohio.
Cleveland Lumber Co., sash, door & blind, 8617 Buckeye rd, Cleveland, Ohio.

Cleveland Lbr. Co., Jasper, Ala.
Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
Cleveland Machine & Mfg. Co., iron forgings, nail & rolling mill machy, 4944 Hamilton av, Cleveland, Ohio.
Cleveland Machine Tool Co., Cleveland, Ohio.
Cleveland Machy. & Supply Co., drilling mach., etc., Union Bldg., Cleveland, Ohio.
Cleveland Machinery & Supply Co., Cleveland, Tenn.
Cleveland Magneto Watchman's Clock Co., 150 Nassau, N. Y.
Cleveland Mantel & Tile Co., laundry tubs, slate, 1426 E. 30th, Cleveland, Ohio.
Cleveland Mfg. & Supply Co., boiler compounds, Wade Bldg., Cleveland, Ohio.
Cleveland Material Co., masons' & bldrs.' mtls., Cleveland, Ohio.
Cleveland Metal Pattern Co., patterns & models, 728 Frankfort av, Cleveland, Ohio.
Cleveland Metal Products Co., cooking utensils, oil heaters, etc., 7609 Platt av, and C. & P. tracks, Cleveland, Ohio.
Cleveland Metal Roofing & Ceiling Co., cornices & skylights, 3105 Detroit av, Cleveland, Ohio.
Cleveland Metal Stamping Co., Cleveland, Ohio.
Cleveland Metal Treating & Welding Co., case hardening, 4829 Lexington av N. E., Cleveland, Ohio.
Cleveland Mill & Power Co., clothes lines, Lawndale, N. C.
Cleveland Mill Supply Co., power transmitting appliances, 1110H Walnut, Cleveland, Ohio.
Cleveland Milling Co., flour, Cleveland, Tenn.
Cleveland Milling Machine Co. See Shield Cutter Co. (successor).
Cleveland, Mortimer B., architect, Waterloo, Ia.
Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio.
Cleveland National Machine Co., 1366 W. 70th, Cleveland, O.
Cleveland Natural Gas Supply Co., fireless cookers, 222 High, Cleveland, Ohio.
Cleveland Nickel Wks., tumbling & cinder mills, etc., 1167 W. 67th, Cleveland, Ohio.
Cleveland Oak Belting Co., 1239 W. 9th, Cleveland, Ohio.
Cleveland-Oconee Lumber Co., Atlanta, Ga.
Cleveland Planer Works, 3150 Superior, Cleveland, Ohio.
Cleveland Plating Co., electroplating, 3610 Superior, Cleveland, Ohio.
Cleveland Pneumatic-Tool Co., 3734 E. 78th, Cleveland, Ohio.
Cleveland Power Transmission Co. See Rudolph Tool & Mfg. Co. (successor).
Cleveland Pressed Steel Co., stamping works, Harvard av, Cleveland, Ohio.
Cleveland Provision Co., 2527 Canal rd, Cleveland, Ohio.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E., Cleveland, Ohio.
Cleveland Puncture Proof Tire Co., Columbus, Ohio.
Cleveland Railbond Co., 3727 E. 78th, Cleveland, Ohio.
Cleveland Ry. Supply Co., clamps, creepers, fasteners, guardrails, switches, etc., Swetland Bldg., Cleveland, Ohio.
Cleveland Rock Drill Co., drills, 3734 E. 78th, Cleveland, Ohio.
Cleveland Rubber Mold Fdry. & Mach. Co., Warner rd, Cleveland, Ohio.
Cleveland Rule Co., 2190 W. 59th, Cleveland, Ohio.
Cleveland Salt Co., 5912 Central av, Cleveland, Ohio.
Cleveland Seating Co., school furniture, 554 Rose Bldg., Cleveland, Ohio.
Cleveland Shaft Spring Co., shaft, coupling bolts, Cleveland, O.
Cleveland Society for the Blind, corn brooms, 2275 E. 55th, Cleveland, Ohio.
Cleveland & Sons Co., contractors, Brockport, N. Y.
Cleveland Specialty & Mfg. Co., machsts., Cleveland, Ohio.
Cleveland Speed Indicator Co., W. 112th & Locust av N. W., Cleveland, Ohio.
Cleveland Stamping & Tool Co., kitchen enamelled ware, etc., E. 53rd & Hamilton, Cleveland, Ohio.
Cleveland Steam Gauge Co., portable forges, forge blowers, 1108 W. 9th, Cleveland, Ohio.
Cleveland Steel Barrel Co., steel shipping barrels, 9612 Meech av, Cleveland, Ohio.
Cleveland Steel Casting Co., Cleveland, Ohio.
Cleveland Steel Co., plates & sheets, Kirby bldg, Cleveland, Ohio.
Cleveland Steel Range Co., machsts. & fndrs., 2900 Detroit av, Cleveland, Ohio.
Cleveland Steel Scissors Co., cutlery, 2359 E. 67th, Cleveland, Ohio.
Cleveland Steel Stamp Works, Commercial Bldg., Cleveland, O.
Cleveland Steel Tool Co., punches, etc., 660 E. 82nd, Cleveland, O.
Cleveland Stone Co., grindstone mfrs., 1836 Euclid av, Cleveland, O.
Cleveland Stone Co., producers, 316 4th av, Pittsburgh, Pa.
Cleveland Store Fixture Co., refrigerators, 1305 E. 40th, Cleveland, Ohio.
Cleveland Switchboard Co., 2925 E. 79th, Cleveland, Ohio.
Cleveland Tack Works, nails, 1205 E. 55th, Cleveland, Ohio.
Cleveland Tanning Co., bindings & gimps, Denison av & B. & O. R. R., Cleveland, Ohio.
Cleveland Tensilite Co., fndry. flux, 1302 Ontario av, Cleveland, Ohio.
Cleveland Tool & Supply Co., machsts. tools & supplies, 1427 W. 6th, Cleveland, Ohio.
Cleveland Tractor Co., Euclid & Lamb av, Cleveland, Ohio.
Cleveland Trinidad Paving Co., 420 Lakeside av N. E., Cleveland, Ohio.
Cleveland Trunk Co., 1317 Euclid av, Cleveland, Ohio.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio.
Cleveland Varnish Co., 3111 E. 87th, Cleveland, Ohio.
Cleveland, W. L. Co., machinery, 211 N. Los Angeles, Los Angeles, Cal.
Cleveland Waterproof Paper Co., Cleveland, Ohio.
Cleveland Welding & Mfg. Co., machsts. & fndrs., W. 117th & Berea rd, Cleveland, Ohio.
Cleveland Window Glass & Door Co., shades & reflectors, 209 Champlain av N. W., Cleveland, Ohio.
Cleveland Wire Cloth & Mfg. Co. (The), 3574 E. 78th, Cleveland, Ohio. *See adv. index at end of book.*
Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, Ohio.
Cleveland Woolen Mills Co., Dresden, Ohio.
Cleveland Worm & Gear Co., 1667 E. 40th, Cleveland, Ohio.
Cleveland Wrought Products Co., cap & set screws & studs, 3580 W. 58th, Cleveland, Ohio.
Clevenger, C. R., & Co., architects, Columbus, Ind.
Clever Constr. Co., Charlotte, Mich.
Clever & Gulick, machinists, Fullerton, Cal.
Cleverdon, R. L., architect, 101 Park Row, New York
Cleverly Electrical Works, boxes, clamps, rods, push buttons, etc., 17 N. 7th, Philadelphia, Pa.
Clevidence, A. E., masons' & bldrs.' matls., Mount Morris, Ill.
Click, Jos., contractor, 1203 Voskamp, Pittsburgh, Pa.
Cliff & Guibert Co., fire hose reels, 460 W. B'way, New York.
Cliff Paper Co., Niagara Falls, N. Y.
Clifford, A. D., Co., Contrs., New Britain, Conn.
Clifford Bros., charcoal, Ft. Wayne, Ind.
Clifford, Geo. B., contractor, Martins Ferry, Ohio.
Clifford Hardware Co., Evansville, Ind.
Clifford, Jas. J., & Co., machsts., Green Island, N. Y.
Clifford, L. L., & Co., elec. cooking app., Marion, Ind.
Clifford, P. T., & Son, contractors, Valparaiso, Ind.
Clifford, S., & Co., contractors, 10 S. La Salle, Chicago, Ill.
Clifford, Wm., Co., contrs., 734 Vernon av, Long Isl. City, N. Y.
Clifford, Wm., & Sons Co., contractors, Elizabeth, N. J.
Clifford's, Jas., Sons, stone prod., Lenox, Mass.
Cliffs Chemical Co., Charcoal, Goodman, Wis.
Cliffwood Brick Co., Cliffwood, N. J.
Clifton-Applegate & Toole, contrs., Anaconda, Mont.
Clifton Bros., contractors, Zanesville, Ohio.
Clifton Chemical Co., 317 Greenwich, New York.
Clifton Forge Machine & Foundry Co., Clifton Forge, Va.
Clifton Forge Milling & Feed Co., Inc., flour mills, Clifton Forge, Va.
Clifton Mfg. Co., cotton sheetings, Clifton, S. C.
Clifton Mfg. Co., rubber clothing, 65 Brookside av, J. P., Boston, Mass.
Clifton Mfg. Co., tents, Waco, Tex.
Clifton Motor Wks., gas engines, 229 E. Clifton av, Cincinnati, O.
Clifton Paper Mills, Clifton, N. J.
Clifton Pratt Co., vacuum cleaners, 1224 W. 8th, Cincinnati, O.
Clifton Specialty Co., Inc., dish washing machy., 84 W. Mohawk, Buffalo, N. Y.
Clifton Springs Dist. Co., Ludlow av & B. & O. S. W. Cum., Cincinnati, Ohio.
Clifton Textile Co., umbrella cloth, Union Hill, N. J.
Clemalene Chemical Co., washing powder, Canton, Ohio.
Climax Cleaner Mfg. Co., 2080 W. 110th, Cleveland, Ohio.
Climax Co., machsts., 275 Passaic, Newark, N. J.
Climax Engng. Co., gas engines & kerosene tractors, Clinton, Ia.
Climax Fire Brick Co., Climax, Clarion Co., Pa.
Climax Lime & Stone Co., Wick, Pa.
Climax Lock & Ventilator Co., hdwe, mfrs., 656 Mich. av, Buffalo, N. Y.
Climax Lumber Co., Bunkie, La., & Underwood, Wash.
Climax Machine & Burner Co., gas burners, 133 3rd av, Newark, N. J.
Climax Machy. Co., canning & condensed milk machy., Indianapolis, Ind.
Climax Mfg. Co., machsts. & fndrs., Corry, Pa.
Climax Mfg. Co., machsts. & fndrs., East Hampton, Conn.
Climax Motor Devices, 5209 Prospect av, Cleveland, Ohio.
Climax Porcelain Co., door knobs, hdwe. specialties, Trenton, N. J.
Climax Refining Co., compounds, oils, greases, etc., Williamson Bldg., Cleveland, Ohio.
Climax Sanitary Co., water closets, 1167 E. Jefferson, Detroit, Mich.
Climax Smoke Preventer Co., smokeless furnaces, 261 Franklin, Boston, Mass.
Climax Tube Co., 89 State, Boston, Mass.
Climax Western Oil Co., 2824 10th av, Minneapolis, Minn.
Clinch, C. G., & Co., lubricating oils & greases, 144 Davis, San Francisco, Cal.
Clinch Clip Co., 196 Seneca, Buffalo, N. Y.
Clincher River Coal Co., St. Paul, Va.
Clinchfield Portland Cement Corp., Kingsport, Tenn.
Clinchfield Products Corpn., feldspar, 120 Broadway, New York.
Cline, A. J., elec. hoists, 343 S. Dearborn, Chicago, Ill.
Cline, Edgar H. architect, Douglas bldg, Los Angeles, Cal.
Cline, Edw. W., machinist, Marietta, Ohio.
Cline Electric Mfg. Co., controllers, electric motors & printing machy., Fisher Bldg., Chicago, Ill.
Cline, Hyman E., contractor, 43 Tremont, Boston, Mass.
Cline, L., Mfg. Co., towel bars, cans, holders, etc., 1239 S. Wabash av, Chicago, Ill.
Cline, Samuel S., flour mills, Bunkerhill, W. Va.
Cline, Tribolet Lbr. Co., Bluffton, Ind.
Clinedinst, Jno. W., carriages, New Market, Va.
Cling-Surface Co., saw vises, belt dressing, etc., Buffalo, N. Y.
Clinger's, D., Sons, lumber, Milton, Pa.
Clinkofstine, L. S., & Co., scrap iron, Saginaw, Mich.
Clinton Alfalfa Milling Co., meal, Clinton, Ohio.
Clinton Bridge Works, Clinton, Ia.
Clinton Canning Co., Rome, N. Y.
Clinton Coal Co., Clinton, Ind.
Clinton Concrete Co., Clinton, Mass.
Clinton Construction Co., 140 Townsend, San Francisco, Cal.
Clinton Contracting Co., West Hoboken, N. J.
Clinton Dry Docks, Inc., ft Clinton, Brooklyn, N. Y.
Clinton, E., & Co., brushes (fdr., mach. & facty., paint, varnish, etc.), 2119 Arch, Philadelphia, Pa.
Clinton Foundry Co., Clinton, Mass.
Clinton Furniture Co., Clinton, Ia.
Clinton Glass Co., 1000 W. 21st, Chicago, Ill.
Clinton Hardware Co., Clinton, Tenn.
Clinton Iron & Steel Co., blast furnaces, W. Carson, Pittsburgh, Pa.
Clinton Knitting Co., sweaters, cardigans, etc., Clinton, N. Y.
Clinton Lock Co., machsts. & fndrs., Clinton, Ia.
Clinton Lbr. Co., Clinton, N. C.
Clinton Mfg. Co., creamery machy., Clinton, Wis.
Clinton Mfg. Co., packings, 83 Grand av, Brooklyn, N. Y.
Clinton Mfg. Co., sashes, doors & blinds, Sabina, Ohio.
Clinton Metallic Paint Co., Clinton, N. Y.
Clinton Oil Mills., meal & fertz. mfrs., Clinton, S. C.
Clinton Paper Co., Clinton, Ia.
Clinton Paving Brick Co., Clinton, Ind.
Clinton Point Stone Co., 17 Battery pl, New York.
Clinton & Russell, architects, 32 Nassau, New York.
Clinton Saddlery Co., Clinton, Ia.
Clinton Sugar Refining Co., Clinton, Ia.
Clinton Supply Co., platers' supps., 117 S. Clinton, Chicago, Ill.
Clinton, Walter R., engines, West Haven, Conn.

Clinton Wire Cloth Co., see Wickwire Spencer Steel Corp. (successors).
Clinton-Wright Wire Co. (Morgan Spring Div.), see Wickwire Spencer Steel Corp. (successors).
Clintonville Baler Co., paper bailing presses, Clintonville, Wis.
Clio Lbr. Co., Clio, Cal.
Clio Oil & Fertz. Co., Clio, S. C.
Clip Bar Mfg. Co., concrete curb (steel bound), 26th & Penna., Philadelphia, Pa.
Clipless Paper Fastener Co., Newton, Ia.
Clipper Belt Lacer Co., belt laces, 974-1042 Front av, N. W., Grand Rapids, Mich.
Clipper Fountain Supply Co., ice cream dishers, & ice shavers, Troy, N. Y.
Clipper Lawn Mower Co., Dixon, Ill.
Clipper Shingle Co., lumber, Clipper, Wash.
Clipper Tool Co., saw vises, 284 Mills, Buffalo, N. Y.
Clippert, Geo. H., & Bro., Brick Co., 161 Virginia Park, Detroit, Mich.
Clippert Spaulding & Co., common brick, Lansing, Mich.
Clippinger, A. B., & Son, Mfg. Co., agricultural implts., hay racks, sweep rakes, wood tanks, Kansas City, Kans.
Clizbe Bros. Mfg. Co., machsts. & fdrs., Plymouth, Ind.
Cloak & Suit Button Co., 60 W. 27th, New York.
Clochessy, John, paper bags, 21 W. 4th, New York.
Clonin & Messenger, masons' & bldrs.' matls., ft. Camella, Long Island City, N. Y.
Clooney Const. & Towing Co., ship bldrs., Westlake, La.
Clopp, Geo. B., bridge railings, 3717 Filbert, Philadelphia, Pa.
Clopton, B. M., see Clopton Planing Mill Co., (successors).
Clopton Planing Mill Co., sashes, doors & blinds, Corsicana, Texas.
Cloquet Lbr. Co., Cloquet, Minn.
Cloquet Tie & Post Co., Cloquet, Minn.
Clore, Jos. O., & Son, lumber, Henderson, Ky.
Clore, Wm. H., Mfg. Co., agricultural implts., Washington, Ind.
Clos Construction Co., 721 Cramer, Milwaukee, Wis.
Close, Wm. A., Trading & Mfg. Co., brick, Matawan, N. J.
Closet Seat Bumper Co., rubber bumpers, Cincinnati, O.
Closser Bros., contractors, 777 Fort W., Detroit, Mich.
Clossman Hardware Co., Zanesville, O.
Closterman, H., chairs, 25 Atla. Bk. Bldg., Cincinnati, Ohio.
Closz, Chas., Co., threshing screens, Webster City, Ia.
Clot, E., Machine Wks., 940 Bryant, San Francisco, Cal.
Clothel Co., ice & refrigerating machines, 61 B'way, New York.
Clothier & Furnisher, trade publication, 13 Astor pl, New York.
Cloud, Newton H., architect, 2627 W. 8th Wilmington, Del.
Clough-Angell Mach. Co., machinists, 370 Atlantic av, Boston, Mass.
Clough & Co., mill supplies, Oshkosh, Wis.
Clough Concrete Const. Co., Quincy, Ill.
Clough, D. H., & Co., contractors, Duluth, Minn.
Clough-Hartley Co., lumber, Everett, Wash.
Clough, John H., clothes line pulleys, Corry, Pa.
Clough & Molloy, stone producers, Hartford rd & B. & O., Baltimore, Md.
Clough, R. M., chucks, cutters, drilling machs., etc., Tolland, Conn.
Clough, Theo., gasoline burners, Dobbs Ferry, N. Y.
Clough & Warren Co., pianos, 84 B'way, Adrian, Mich.
Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, Ohio.
Clover, Chas. S., fndrs., Muskegon, Mich.
Clover Creek Lbr. Co., Tacoma, Wash.
Clover Leaf Machine Co., hoisting machy., South Bend, Ind.
Clover Leaf Mfg. Co., tex. machy. (bobbins), Carbondale, Pa.
Clover Mfg. Co., grinding compound, Norwalk, Conn.
Cloverport Boat & Mfg. Co., machsts., Cloverport, Ky.
Clow, Fred, contr., Highland Pk., Ill.
Clow, Jas. B., & Sons, mill & facty. & plumbers' supplies—jobbers. Franklin & Harrison, Chicago, Ill.
Cloyes, Frederick O. architect, 310 S. Wabash av, Chicago, Ill.
Club, Andrew Jr., architect, Grebel bldg, Detroit, Mich.
Cluce, Robt. J., contractor, 3d av. & 148th, New York.
Cluley Multiplier Co., adding machines, Green Bay, Wis.
Clum Mfg. Co., auto. switches, 23 Exit, Milwaukee, Wis.
Clum, Wm. E., architect, 6 Elm, Elizabeth, N. J.
Clune, M., & Co., mattresses, 1407 S. Meridian, Indianapolis, Ind.
Cluster Alliance Gas Lamp Co., 444 Broome, New York.
Clute Bros., cotton batting, Cohoes, N. Y.
Clute Coal & Supply Co., masons' & bldrs.' matls., Bay City, Mich.
Clute, H. C., machsts., 380 Wayne, Jersey City, N. J.
Cluthe, G., Co., machsts., 28 E. Court, Cincinnati, Ohio.
Clyde Brick & Tile Works, Clyde, Ohio.
Clyde Cars Co., Clyde, O.
Clyde Casting Co., machsts. & fndrs., Seattle, Wash.
Clyde Coal Co., bituminous, Bessemer bldg, Pittsburgh, Pa.
Clyde Cutlery Co., Clyde, Ohio.
Clyde Equipment Co., mill factory supplies, etc., 17th & Thurman, Portland, Ore.
Clyde Glass Mfg. Co., Inc., jars, Clyde, N. Y.
Clyde Glass Wks., bottles, Clyde, N. Y.
Clyde Iron Works Sales Co., hoisting engines & logging machy., Duluth, Minn. *See adv index at end of book.*
Clyde Kraut Co., canned, Clyde, Ohio.
Clyde Milling & Elevator Co., Clyde, Kan.
Clyde River Pulp Co., Newport, Vt.
Clydesdale Brick & Stone Co., Oliver Bldg., Pittsburgh, Pa.
Clydesdale Stone Co., crushed, Oliver Bldg., Pittsburgh, Pa.
Clymer Brick & Fire Clay Co., Clymer, Pa.
Clymer, Harry G., architects, Wainwright Bldg., St. Louis, Mo.
Clymer, L. M., mill & facty. supplies, Greensboro, N. C.
Clyne, R. E., Engineering Co., special machy & tools, 12th & Tyler, St. Louis, Mo.
C. M. B. Wrench Co., bench legs, Garfield, N. J.
C. & M. Envelope Co., 535 Pearl, New York.
Coady, Edward, architect, Scott Thompson Bldg., Oklahoma City, Okla.
Coal Age, trade publication, 10th av & 36th, New York.
Coal & Coke Operator, trade publication, 108 Smithfield, Pittsburgh, Pa.
Coal Creek Lbr. Co., Chehalis, Wash.
Coal Run Mining Co., bituminous, Indiana, Pa.
Coal Stoker Corp., 1029 N. Clark, Chicago, Ill.
Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.
Coal Trade Bulletin, pubs., Park Bldg., Pittsburgh, Pa.
Coal Trade Journal, 20 Vesey, New York.
Coale Muffler & Safety Valve Co., valve mfrs., 325 E. Oliver, Baltimore, Md.
Coale, Thos. E., Lumber Co., lumber (wholesale), Bellevue Court Bldg., Philadelphia, Pa.
Coan, M. A., contractor, 185 Church, New Haven, Conn.
Coast Art Marble Co., 68 Clara, San Francisco, Cal.
Coast Bridge Co., contrs., ft. of E. Main, Portland, Ore.
Coast Culvert & Flume Co., Dept. H, Kenton Sta., Portland, Ore.
Coast Engine & Mach. Wks., auto bodies, hoists & trailers, E. Water & Taylor, Portland, Ore. *See adv. index at end of book*
Coast Fish Co., canned, Anacortes, Wash.
Coast Fishing Co., canners, Los Angeles, Cal.
Coast Folding Paper Box Facty, Inc., see Carton Corporation (successors).
Coast Fdry. Co., South, San Francisco, Cal.
Coast Iron & Machine Wks., machsts. & fndrs., Tacoma, Wash.
Coast Knitting Co., sweaters, Woodbine, N. J.
Coast Range Lbr. Co., Mabel, Ore.
Coast Ship Bldg. Co., Portland, Ore.
Coast Supply Co., machy. dlrs, mill & steam fitters supplies, 24 California, San Francisco, Cal.
Coastwise Ship Bldg. Co., ship builders, ft. of Andre, Baltimore, Md.
Coates, Bennett & Reidenbach, metals, Hague, Rochester, N. Y.
Coates Clipper Mfg. Co., drilling & sheep shearing machy., etc., Worcester, Mass.
Coates, F. C., flour mills, Horners, Va.
Coates Plumbing Supply Co., Tampa, Fla.
Coates & Traver, architects, Rowell Bldg., Fresno, Cal.
Coatesville Boiler Works, Coatesville, Pa.
Coatesville Fdry. & Mach. Co., Coatesville, Pa.
Coats, A. S., Shingle Co., Raymond, Wash.
Coats & Burchard Co., appraisers, engineers, inventories, 25 W. Elm, Chicago, Ill.
Coats-Fordney Logging Co., lumber, Aberdeen, Wash.
Coats, Fred R., watchmakers' tools, Springfield, Ill.
Coats, J. & P., cotton thread, Pawtucket, R. I.
Coats, J. R., machinist, Visalia, Cal.
Coats Mach. Tool Co., micrometer gauges, 110 W. 40th, New York.
Coats Shingle Co., lumber, Hoquiam, Wash.
Cobb Brick Co., Ft. Worth, Tex.
Cobb & Drew, rivet, staple & tack mfrs., Plymouth, Mass.
Cobb Electric Appliance Co., "Ceasco" automatic electric control & devices embodying its use; mfrs., Boston, 30 Mass.
Cobb, Francis, Shipbuilding Co., Rockland, Me.
Cobb, Henry Ives, architect, 1465 B'way, New York.
Cobb & Jenkins, patterns, 380 Atlantic av, Boston, Mass.
Cobb, John P., masons' & bldrs.' matls., Fredonia, N. Y.
Cobb & Mitchell Co., lbr., 705H Northwestern Bank bldg, Portland, Oreg.
Cobb Preserving Co., Fairport, N. Y.
Cobb & Webster, contractors, Portland, Me.
Cobb, Wm., fndrs., Jackson, Mich.
Cobb, Wm. H., architect, 2156 Sunnyside av, Chicago, Ill.
Cobbleick-Kibbe Glass Co., Oakland, Cal.
Cobbs & Mitchell, lumber, Cadillac, Mich.
Cobbs & Mitchell Co., lumber 705H Northwestern Bank Bldg., Portland Ore.
Coblentz Tool & Supply Co., Erie, Pa.
Coburn, C. B., Co., mill & facty. supplies, Lowell, Mass.
Coburn, Chas., contr., 180 John, San Francisco, Cal.
Coburn, Douglas F., architect, Sumpter Bldg., Dallas, Tex.
Coburn, Frank G., contractor, 294 Washington, Boston, Mass.
Coburn, Ira W., contractor, 180 Jessie, San Francisco, Cal.
Coburn Organ Co., 220 N. Washtenaw av, Chicago, Ill.
COBURN TROLLEY TRACK MFG. CO., sliding door hardware, metal covered doors, rolling ladders & overhead monorail mfrs., P. O. Box 127, Holyoke, Mass.
Coburn, Walter, Co., cotton waste, Lowell, Mass.
Cochise Machine Co., Los Angeles, Cal.
Cocheo Bros., "furniture," 667H 1st av, New York.
Cochran, A., & Co., sashes, doors & blinds, Quaker City, Ohio.
Cochran Cotton Mill Co., Cochran, Ga.
Cochran, Drugan & Co., potteries, Trenton, N. J.
Cochran Oil Mill & Ginnery, Cochran, Ga.
Cochran & Phillips, turpentine, McIntyre, Fla.
Cochran Pipe Wrench Mfg. Co., see Great Lakes Forge Co., (successors).
Cochran-Sargent Co., plumbers' supplies, 182, E. 6th, St. Paul, Minn.
Cochran, T. H., & Son, contractors, 415 S. Hayes, Portland, Ore.
Cochrane-Bly Co., cutting-off machines, Rochester, N. Y.
Cochrane Brass Fdry., York, Pa.
Cochrane Chemical Co., 148 State, Boston, Mass.
Cochrane Chemical Co., insulating materials, 221 Randolph av, Jersey City, N. J.
Cochrane, Geo. A., Co., contractors, 1210 Washington av, Pittsburgh, Pa.
Cochrane, H. S. B. W. Corp., feed water heaters, purifiers, values, etc., 3147 N. 17th, Phila., Pa.
Cochrane, J. A., Brass Mfg. Co., hardware, 1403 E. 40th, Cleveland, O.
Cochrane Packing Co., meat packers, Kansas City, Kan.
Cochrane, T. H., Co., masons' & bldrs.' matls., Westfield, Wis.
Cochrane, Witt K. Advertising Agency, 30 N. Dearborn, Chicago, Ill.
Cocker, J. C., architect, 43 W. 126th, New York.
Cocker Mach. & Fdry. Co., beamers, sizing & dyeing machy., Gastonia, N. C.
Cocker Saw Mfg. Co., Lockport, N. Y.
Cocker, Weber Brush Co., tex. machy. supplies (brushes mill), 10th & Spring Garden, Philadelphia, Pa.
Coco Bros., bk. & office railings, 13 Baxter, New York.
Cocking Cement Co., contrs., Jacksonville, Ill.
Cocozza, Louis H., contr., 1188 Main, Bridgeport, Conn.
Codd, E. J., Co., sheet metal work, 700 S. Caroline, Balto., Md.
Codd, Eliza, architect, Nantucket, Mass.
Codd Tank & Specialty Co., mill & facty. supplies, 117 S. Hanover, Baltimore, Md.
Codding & Heilborn Co., silver novelties, North Attleboro, Mass.
Coddington Engineering Co., 33d & Villard av, North Wilwaukee, Wis
Codman & Desyradelle, architects, 27 Kilby, Boston, Mass.
Codman, F. L. & J. C., Co., buffing wheels, 15 Elkins S., Boston, Mass.
Codman & Shurtleff, surgical instruments, air pumps, 120 Boylesston, Boston, Mass.

Codmus Bros., brass & composition fndrs., Bloomfield, N. J.
Codori, John A., contractor, 1235 Arch, Philadelphia, Pa.
Codorus Mfg. Co., wood handles, Codorus, Pa.
C. O. D. Tractor Co., 309 Washington av, N. Minneapolis, Minn.
Coduri, Joseph Granite Co., Westerly, R. I.
Cody, C. L., cornices, Ridgway, Pa.
Cody, C. Paxton, architect, Marine Bk. Bldg., Erie, Pa.
Cody, Jos., & Sons, tubular boilers; expansion tanks, Peoria, Ill.
Codyer & Cavanaugh, cornices, Waltham, Mass.
Coe Brass Branch, bolt, nut & rivet mfrs., Torrington, Conn.
Coe & Brown, mill & facty. supplies, New Haven, Conn.
Coe, C. T., Co., turbo blowers, 31 Clinton, Newark, N. J.
Coe, E. F., landscape architect, 103 Alden av, New Haven, Conn.
Coe, Elliott R., architect, 136 Washington, Paterson, N. J.
Coe, Ernest F., architect, Edgewood av, New Haven, Conn.
Coe, Jas. A., & Co., mill & facty. supplies, 106 Mulberry, Newark, N. J.
Coe Mfg. Co., key rings, straw dispensers, etc., 35 Warren, New York.
Coe Mfg. Co., machsts. & fndrs., Painesville, Ohio.
Coe-Mortimer Co., fertilizer mfrs., 51 Chambers, New York.
Coe-Stapley Mfg. Co., machsts., West Haven, Conn.
Coe, W. H., Mfg. Co., gold leaf, gilding wheels, 74 Weybosset, Providence, R. I.
Coefax Iron Wks., Coefax, Wash.
Coefield Mfg. Co., electric & gas light fixtures, 51 Shipley, San Francisco, Cal.
Coen Co., oil burners & heaters, 112 Market, San Francisco, Cal.
Coen & Conway, contractors, Davenport, Ia.
Coes, Loring & Co. (Inc.), mfrs, machine knives of all classes & special forged material for making cutting edges, Coes sq, Worcester, Mass. *See adv index at end of book.*
Coes Wrench Co., makers of adjustable screw wrenches, Coes sq., Worcester, Mass. *See adv index at end of book*
Coeur D'Alene Grain & Milling Co., Coeur D'Alene, Idaho.
Coeur D'Alene Hardware & Foundry Co., Wallace, Idaho.
Coe-Vogt Belting & Supply Co. 317 Magazine, New Orleans, La.
Coey Motor Co., 2010 S. Wabash av, Chicago, Ill.
Coffey, Alfred I., architect, Humboldt Bldg., San Francisco, Cal.
Coffey, C. D., lbr., N. Wilkesboro, N. C.
Coffey, D. L., contractor, Chattanooga, Tenn.
Coffey, Laurence J., mason bldr., New Haven, Conn.
Coffeyville Shale Products Co., Bldg. tile, Coffeyville, Kans.
Coffeyville Vitrified Brick & Tile Co., Coffeyville, Kansas.
Coffield Motor Washer Co., clothes washing machines, Dayton, O.
Coffin, Arthur S., architect, 39 W. Adam, Chicago, Ill.
Coffin Box & Lumber Co., Nicollet Island, Minneapolis, Minn.
Coffin, Isaac, Co., high pressure piping, 52 Sudbury, Boston, Mass.
Coffin, Lewis A. Jr., architect, 15 E. 40th, New York.
Coffin, M. C., landscape architect, 73 E. 92d, New York.
Coffin Packing & Prov. Co., Denver, Colo.
Coffin, Stanley H., cloth mops. 12 Pearl, Boston, Mass.
Coffin Valve Co., valves, sluice gates & adjustable elec. fixtures, Neponset, Boston, Mass.
Coffin & Coffin, architects, 25 W. 42nd, New York.
Coffman, J. H., Lbr. Co., Bon Wier, Texas.
Coffman, Jas. M. & Son, contrs., Anna, Ill.
Coffran Mfg. Co., masons' & bldrs.' matls., Washington C. H., Ohio.
Cogan, F. L. Co., contrs., 233 B'way, New York.
Coggleshall Co., boiler tube cleaners, 123 Liberty, New York.
Coggin, C. W., lbr., Rockingham, N. C.
Coggins Marble Co., Canton, Ga.
Coggins & Owens, machy. dlrs. & mill & factory supplies, 19 S. Charles, Baltimore, Md.
Coghlan, Jos. T., hair (curled), Drexel Bldg., Philadelphia, Pa.
Coghlan, W. J., mattresses, Kankakee, Ill.
Coghlin Machinery & Supply Co., Toledo, Ohio.
Cogswell, Chas. N., architect, Old South Bldg., Boston, Mass.
Cogswell-Koether Co., contractors, 406 Park av, Baltimore, Md.
Cogswell Polytechnic College, engng. schools & coll., 26th & Folsom, San Francisco, Cal.
Cohagen, Chandler C., architect, H Electric bldg, Billings, Mont.
Cohankus Mfg. Co., cordage & twine, Paducah, Ky.
Cohasset Canning Co., Cohasset, Va.
Cohee, A. F., Co., Frankfort, Ind.
Cohen Bros. Iron & Metal Co., Des Moines, Ia.
Cohen, Chas. J., envelopes, 510 Ludlow, Philadelphia, Pa.
Cohen, D., scrap rubber, iron, Danville, Ill.
Cohen, E. M., & Sons Iron & Metal Co., Des Moines, Ia.
Cohen, Frank L., contractor, Pearl & Church, Buffalo, N. Y.
Cohen, Hy., cornices, 1340 Fulton, Brooklyn, N. Y.
Cohen, Isaac H., scrap iron & steel, 111 Pratt, Buffalo, N. Y.
Cohen, Isadore, architect, 4933 Prairie av, Chicago, Ill.
Cohen, J., & Son, scrap iron & steel, Peoria, Ill.
Cohen, Jos., architect, 1206 S. Keeler av, Chicago, Ill.
Cohen, Jos. M., scrap iron, Sandusky, Ohio.
Cohen, Louis, mattresses, 232 E. 125th, New York.
Cohen, M., & Son Co., scrap iron & steel, 1252 E. 55th, Cleveland, Ohio.
Cohen, Michael, & Co., stone, 8 W. 40th, New York.
Cohen, Samuel, architect, 32 Union sq, New York.
Cohen-Schwartz Rail & Steel Co., iron & steel scrap, St. Louis, Mo.
Cohen, Simon, architect, 2205 5th av, New York, & 163 Springfield av, Newark, N. J.
Cohlgraff, Henry J., contr'tor, 133 W. Washington, Chicago, Ill.
Cohn, Adolph, lamp cord adjusters, West Hoboken, N. J.
Cohn & Bock Co., box shooks, insulator pins, wood cross arms, etc., Princess Anne, Md.
Cohn Bros., architects, 363 Stone av., Brooklyn, N. Y.
Cohn Cut Stone Co., 38th & 14th av., Brooklyn, N. Y.
Cohn & Goldberg, masons' & bldrs.' matls., Nashville, Tenn.
Cohn, Max, architect, 189 Grand, Brooklyn, N. Y.
Cohn, Wm., plumbers' supplies, jobbers, Stamford, Conn.
Cohocksink Brass Foundry, castings (brass & bronze), 5th & Berks, Philadelphia, Pa.
Cohocton Canning Co., Cohocton, N. Y.
Cohoes Iron Fdry. & Mach. Co., dumb waiters, freight elevators, etc., Cohoes, N. Y.
Cohoes Rolling Mill Co., pipe & tube mill, Cohoes, N. Y.
Cohoon, U. G., contractor, Parsons, Kans.
Cohutta Talc Co., Dalton, Ga.
Coil Spring Co., Inc., all kinds, 103-105 Mott, New York. *See adv. index at end of book.*
Coiled Wire Products Co., auto springs, Brown & Indiana, Toledo, Ohio.
Coin Controlling Lock Co., Traction Bldg., Indianapolis, Ind.
Coin Machine Mfg. Co., elec. water heaters, Portland, Ore.
Coiner, J. N., flour mills, Waynesboro, Va.
Coiner Milling Co., flour, Lynwood, Va.
Cointex Co., The, coin counting & stacking devices, St. Johns pl, Buffalo, N. Y.
Cokato Canning Co., Cokato, Minn.
Colbert County Oil & Fertilizer Co., Tuscumbia, Ala.
Colborne Mfg. Co., machsts., 157 W. Division, Chicago, Ill.
Colburn Bros. Co., flour, McPherson, Kans.
Colburn Gear & Mfg. Co., Inc., gears, automobile repairing, machine parts, etc., 1 Woodworth, Dorchester, Boston, 22, Mass. *See adv. index at end of book.*
Colburn Mach. Tool Co.,machsts., Ivanhoe rd, Cleveland, Ohio.
Colburn, Wilford, lumber mfrs., Middle Grove, N. Y.
Colby Cheese Box & Silo Co., Colby, Wis.
Colby, E. B., & Co., stoves & furnaces, Hoboken av, Jersey City N. J.
Colby, Frank A., architect, 70 5th av, New York.
Colby, Frank A., & Son, contractors, Brunswick, Me.
Colby-Hinkley Co., veneer, Benton Harbor, Mich.
Colby, Jn. A. & Sons "furniture," 129H N. Wabash av, Chicago, Ill.
Colby Mill Co., lumber, Colby, Wash.
Colby Milling Co., flour, Dowagiac, Mich.
Colby, N. H., cast-iron culverts, Granville, Ill.
Colclesser Bros., axe mfrs., El Dorado, Pa.
Colclough, C. A., machsts., Hollis Center, Me.
Colcord, Albert C., architect, 6143 St. Lawrence av, Chicago, Ill.
Colcord-Wright Machy. & Supply Co., 1223-1229 N. B'way, St. Louis, Mo.
Cold-Jess Mfg. Co., nut mfrs., Cleveland, Ohio.
Cold Light Mfg. Co., bulbs, Denver, Col.
Cold Springs Construction Co., 528 Ellicott sq., Buffalo, N. Y.
Cold Storage Refrigerator Co., Eau Claire, Wis.
Coldwater Ladder Co., Coldwater, Mich.
Cold Water Refining Co., belt dressing, Raymilton, Pa.
Coldwell Gildard Co., tex. machy., notions (warp stop), 95 Milk, Boston, Mass.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Coldwell-Wilcox Co., sluice gates, valves, etc., Newburgh, N. Y.
Cole, A. R. Co., contrs., Ann Arbor, Mich.
Cole, Arthur W. architect, 5143 Greenwood av, Chicago, Ill.
Cole, Arthur W., architect, 155 N. Clark, Chicago, Ill.
Cole Bros., machsts., Patton, Pa.
Cole Bros. Lightning Rod Co., 316 S. 7th, St. Louis, Mo.
Cole, Chester, architect, Chico, Cal.
Cole & Cole, granite, Quincy, Mass.
Cole & Dixon, truck units, etc., 236 W. 54th, New York.
Cole & Field, contrs., Joliet, Ill.
Cole, Geo., contractor, Stoneham, Mass.
Cole, H. C. and W. S., tacks, Kingston, Mass.
Cole, H., Co., architects' instruments, 68 E. Gay, Columbus, O.
Cole-Halstead Light & Sales Co. See Coleman Lamp Co. (successor).
Cole, Henry & Co., sockets, 54 Old Colony av, Boston Mass.
Cole, J. N., masons' & bldrs.' matls., Danville, Pa.
Cole, Jas., Co., organs, Melrose, Mass.
Cole, John W., mill & facty. supplies, Grosvenor bldg, Providence, R. I.
Cole Mfg. Co., agricultural implements, Charlotte, N. C.
Cole Mfg. Co., radiators, stove mfrs., etc., 3218 S. Western av, Chicago, Ill.
Cole Mfg. Co., sash, doors & blinds, Memphis, Tenn.
Cole Metal Products Co., 401 E. 23rd, New York.
Cole Motor Car Co., 730 E. Washington, Indianapolis, Ind.
Cole, N. S., & Son, Inc., contrs., Haverhill, Mass.
Cole, Percy J., contrs., 110 Pensee, San Francisco, Cal.
Cole-Phelps Heating Co., Inc., contrs, 196 Main, Holyoke, Mass.
Cole, R. D., Mfg. Co., agricultural implements, Newnan, Ga.
Cole, Robert, architect, Bellefonte, Pa.
Cole, Roscoe Mfg. Co., wire cloth, S. Norwalk, Conn.
Cole, S. B., contractor, Battle Creek, Mich.
Cole, S. B., cornices & skylights, Quincy, Mich.
Cole, S. M., Co., masons' & bldrs.' matls., Oberlin, Ohio.
Cole Toy & Trading Co., 324 Hill av, Los Angeles, Cal.
Cole Truckmobile Co., 48 Laflin, Chicago, Ill.
Cole, W. H., & Sons, whol. hdwe., 40 S. Charles, Baltimore, Md.
Cole, W. T., tubular boilers, Ishpeming, Mich.
Cole, W. V., contractor, Tampa, Fla.
Cole, Wm. A., Paper Co., Putney, Vt.
Cole, Wm., & Sons, granite, Barre, Vt.
Colebrookdale Iron Co., machsts. & fndrs., Pottstown, Pa.
Colebrook's, W. H., Sons, roofing & cements, Syracuse, N. Y.
Coleman, Adelbert E., architect & ornamental bronze & iron, 336 W. 37th, Chicago, Ill.
Coleman, Allan J., augers, 208 N. Wabash av, Chicago, Ill.
Coleman-Beil Co., mattresses, 1322 W. Monroe, Chicago, Ill.
Coleman Bros., contractors & crushed stone, Chelsea, Mass.
Coleman, Charles, mill & facty. supplies, 953 3rd av, Brookly N. Y.
Coleman Feed Roller Co., saw mill mchy., Vredenburgh, Ala.
Coleman, Galen, machsts. & fndrs., Middletown, N. Y.
Coleman, Green Lbr. Co., nr. McLain, Miss.
Cloeman Guano Co., Coleman, Ga.
Coleman, H. B., masons' & bldrs., Chippewa Falls, Wis.
Coleman Hardware Co., 122 S. Michigan av, Chicago, Ill.
Coleman, Harter & McCormick, lbr., Williamsport, Pa.
Coleman, J. C., auto windshields, 137 N. Grand blvd, Detroit, Mich.
Coleman, J. C., & Sons Co., contractors & crushed stone, 1620 Tremont, Rox., Boston, Mass.
Coleman & Jenkins, contrs., San Antonio, Tex.
Coleman, John, lumber, Williamsport, Pa.
Coleman, Jno. N., architect, 6257 St. Lawrence, Chicago, Ill.
Coleman Lamp Co., 120 S. Los Angeles, Los Angeles, Cal.
Coleman Lamp Co., Wichita, Kans.
Coleman Machy. & Tool Co., 38 Park Row, New York.
Coleman & Smith, flour mills, Weldon, Ky.
Coleman, W. C., Co., machy. dealers, 161 Summer, Boston, Mass.
Coleman, W. H., Co., lumber & cooperage stock, Jackson, Tenn.
Coles, C. B., & Sons Co., lbr., sashes, doors, etc., Camden, N. J.
Coles' Constr. Co., L. C. Smith Building, Seattle, Wash.
Coles Mfg. Co., see Braun Co., (successor).
Coles Picture Mach. Corp., 120 W. 41st, New York.
Coles Tool & Mach. Co., Oneida, N. Y.

Coles & Co., whol. woodenware, 115 Warren, New York.
Colfax Brick Co., common, Colfax, W. Va.
Colfax Pressed Brick Co., Denver, Colo.
Colfax Stone Co., Chippewa Falls, Wis.
Colgan, J. W., Co., harness ornaments, 4 Alden ct, Boston, Mass.
Colgan Machy. Supply Co., concrete bldg. & brich machy., Columbus, Ohio.
Colgan Mfg. & Supply Co., packing mfrs, lubricating oils, 118 Maiden la, New York.
Colgan, Wm. H., Co., switch boxes, clamps, etc., West Newton, Mass.
Colgate & Co., soap mfrs., 105 Hudson, Jersey City, N. J.
Colladay, Jos. O., Co., machsts., 626 Race, Philadelphia, Pa.
Collamer Mach. Wks., machsts, 1214 E. 152d, Cleveland, O.
Collapsable Joist Form Co., concrete forms, Finance Bldg Kansas City, Mo.
Collard, Frank, knitted gloves, 256 E. Ashmead, Gtn., Phila., Pa.
College Hill Press Brick Co., 1400 College av, St. Louis, Mo.
College Mill Co., flour, Franklin, Ky.
College Point Boat Corp., ship bldrs., College Point, L. I., N. Y.
Colles Heater & Specialty Co., water filters & feed water heaters, 14 E. Jackson Blvd., Chicago, Ill.
Colleton Cypress Co., Columbus, O.
Collett, Wm. C., architect, 50 Broomfield, Boston, Mass.
Colley, C. D., Co., architects, Century Bldg., Pittsburgh, Pa.
Colley, Chas. E., architect, South Orange, N. J.
Colley, Clarence K., architect, L. & C. Bldg., Nashville, Tenn.
Colley Elevator Co., 522 W. Monroe, Chicago, Ill.
Colley, J. H., architect, F. & F. Nat'l Bk. Bldg., Nashville, Tenn.
Collier-Adams Mfg. Co., sashes, doors, etc., St. Joseph, Mo.
Collier-Barnett Co., sashes, doors & blinds, Toledo, Ohio.
Collier, Eusebius, lbr., 494 Broad, Newark, N. J.
Collier, H. C., & Sons, varnish mfrs., Binghamton, N. Y.
Collier-Keyworth Co., children's carriages, Gardner, Mass.
Collier Motor Truck Co., Painesville, Ohio.
Collier, Thos. L., sashes, doors & blinds, Gibsonburg, Ohio.
Colliers-Adams Mfg. Co., lumber, St. Joseph, Mo.
Collin County Mill & Elevator Co., flour, McKinney, Tex.
Collin, Dwight R., architect, Union bldg, Syracuse, N. Y.
Collings Carriage Co., Camden, N. J.
Collingwood Brick Co., Toledo, Ohio.
Collins & Aikman Co., car plush, 4675 Nixon, Philadelphia, Pa.
Collins, Bartlett, carriages, Avon, Mass.
Collins Bros., brooms, Lawrence, Mass.
Collins Bros., machsts., Pawtucket, R. I.
Collins Bros. Lumber Co., Sullivan, Wis.
Collins, Chas., & Sons, contractors, Troy, N. Y.
Collins, Clarence H., Co., elec. & gas light fixtures, 4404 Euclid, Cleveland, Ohio.
Collins Colliery Co., coke, Macdonald, W. Va.
Collins Co., agricultural implements, Collinsville, Conn.
Collins, D. C., Newman, architect, 14 John, New York
Collins, Darrah, & Co., lumber, Nebraska, Pa.
Collins, E. F., & Sons, cotton waste, Springfield, Mass.
Collins, Frank, brick, Princess Anne, Md.
Collins, Frank C., architect, 2 W. 45th, New York
Collins, G. A., & Son, bodies—automobile, Akron, Ohio.
Collins, Edw. R., architect, Westfield, N. J.
Collins, Esslen Lbr. Co., Madison, Wis.
Collins Garage Mach. Wks., Opelika, Ala.
Collins, Geo., architect & contr., 1st & Berry, Hackensack, N. J.
Collins-Gordon Co., contractors, Ferguson Bldg., Pittsburgh, Pa.
Collins, H. F., Co., boxes, St. Paul, Minn.
Collins, Hilton, Co., lap links, neck yokes, etc., Louisville, Ky.
Collins, J. Frank, architect, Spartanburg, S. C.
Collins, J. H., Boiler Co., Amsterdam, N. Y.
Collins, J. S., & Son, fertilizer mfrs., Moorestown, N. J.
Collins, Jacob P., Co., lumber, South Seaville, N. J.
Collins, John, & Co., canned goods, American Corners, Md.
Collins, John D., contractor, Morristown, N. J.
Collins, Jno. M., contr., 82 State, Albany, N. Y.
Collins-Kirk, Inc. (advertising counsellors), 410 S. Michigan av, Chicago, Ill.
Collins Mfg. Co., paper & pulp mills, writing paper, N. Wilbraham, Mass.
Collins Mfg. Co. (Ltd.), oil filters, regulators, etc., 612 Chestnut, Philadelphia, Pa.
Collins Mfg. Co., pipe hangers, 1318 Farmers' Bank Bldg., Pittsburgh, Pa.
Collins Metallic Packing Co., 56 N. 2d, Philadelphia, Pa.
Collins, Michael J., duck coats, 24 Thayer, Boston, Mass.
Collins & Moore, plumbers' supplies, Paris, Tex.
Collins, O. C., & Co., architects, Frankfort, Ind.
Collins, Plass, Thayer Co., burlap, 26 Beaver, New York.
Collins Plow Co., Quincy, Ill.
Collins, R., contractor, Alpena, Mich.
Collins, R. L., & Sons, flour mills, Crittenden, Ky.
Collins, R. N., Vehicle Woodwork Co., auto. metal bodies, 3900 Chouteau av, St. Louis, Mo.
Collins, T. C. & Son, flour, Windom, Minn.
Collins, T. J., Furniture Co., Toledo, Ohio.
Collins, T. J., & Son, architects, Staunton, Va.
Collins, T. P., contractor, Kankakee, Ill.
Collins, Thos. & Sons, granite, Quincy, Mass.
Collins, Val. P., architect, Met. bldg., Louisville, Ky.
Collins, Walter L., architect, Milford, Mass.
Collins, Wm. P., & Co., mill & facty. supplies, 332 S. Dearborn, Chicago, Ill.
Collins, Wm. P., Co., tubular boilers, 134 Franklin, Long Island City, N. Y.
Collinson, Joshua, machst., East Orange, N. J.
Collinsville Chem. Co., methylene blue, Collinsville, Ill.
Collinsville Zinc Co., Collinsville, Ind.
Collinwood Fdry., 17004 Waterloo rd, Cleveland, O.
Collinwood Lumber Co., 14902 Darwin av, Cleveland, Ohio.
Collis Co., machsts. & fndrs., Clinton, Ia.
Colman, A. D., contrs., 110 Jessie, San Francisco, Cal.
Colmer Bros., machsts., South Bend, Ind.
Colum Mfg. Co., confectioners' machy., Hartford, Conn.
Collyer Insulated Wire Co., rubber wire, Pawtucket, R. I.
Col-Mac Co., flexible metallic hose, tubing, etc., 250 South, Newark, N. J.
Colman, C. L., Lumber Co., La Crosse, Wis.
Colman, J. M., Co., creosoting wks., Seattle, Wash.
Colombat, Henry & Co., fringes, 239 Geary, San Francisco, Cal.
Colon, Geo., & Co., contractors, 81 E. 125th, New York.
Colona Mfg. Co., thread protectors, Vandergrif bldg, Pittsburgh, Pa.
Colonial Bedding Co., mattresses, Fredericksburg, Va.
Colonial Board Co., Manchester, Conn.
Colonial Braid Co., shoe laces, So. Attleboro, Mass.
Colonial Building Co., Spokane, Wash.
Colonial Can Co., 120 Milk, Boston, Mass.
Colonial Carriage Co., Circleville, Ohio.
Colonial Chandelier Wks., 122 Centre, New York.
Colonial Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.
Colonial Colliery Co., Dept. H, Frackville, Pa.
Colonial Colliery Co., anthracite, No. Amer. bldg., Pittsburgh, Pa.
Colonial Co., adding mach. rolls, Mechanic Falls, Me.
Colonial Co., china, East Liverpool, Ohio.
Colonial Creosoting Co., Louisville, Ky.
Colonial Elec. Wks. of G. E. Co., Warren, Ohio.
Colonial File Co., Neponset, Boston, Mass.
Colonial Fireplace Co., fireplace goods, brass, bronze & aluminum castings & machy.—commercial platers of brass, copper, nickel & tin, 4631 W. 12th, Chicago, Ill.
Colonial Handle Co., Knoxville, Tenn.
Colonial Iron Co., 149 B'way, New York.
Colonial Iron Wks. Co., steel structural work, 881-885 E. 67th, Cleveland, O.
Colonial Knitting Mills, sweaters, cardigans, etc., 291 Essex, Brooklyn, N. Y.
Colonial Lubrg. Oil Co., 15 Storer, Boston, Mass.
Colonial Mfg. Co., acetylene gas burners, Chattanooga, Tenn.
Colonial Mfg. Co., elec. fix. mfrs., Alleghany & A, Phila., Pa.
Colonial Mfg. Co., English hall clocks, Zeeland, Mich.
Colonial Office Appliance Co., 98 Park pl, New York.
Colonial Pine Co., Wilson, N. C.
Colonial Pressed Brick Co., Mogadore, Ohio.
Colonial Red Cedar Chest Co., Lincoln, Neb.
Colonial Rubber Specialties Co., mill & facty. supplies, 35 Murray, New York.
Colonial Salt Co., Akron, Ohio.
Colonial Sign & Insulator Co., Akron, Ohio.
Colonial Stained Glass Wks., 161 High, Boston, Mass.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Colonial Sugars Co., 129 Front, New York.
Colonial Supply Co., mine, mill & facty. supplies, 217 Water, Pittsburgh, Pa. *See adv index at end of book.*
Colonial Towel Mfg. Co., Clifton Heights, Pa.
Colonial Wks., paint mfrs., 233 Norman av, Brooklyn, N. Y.
Colonna Marine Railway Corp., dry-docks, Norfolk, Va.
Colora Canning Co., Aberdeen, Md.
Colo. Badge & Novelty Co., Denver, Colo.
Colo. Bedding Co., Pueblo, Colo.
Colo. Brass Fdry. Co., Denver, Colo.
Colo. Concrete Mixer Co., Denver, Colo.
Colo. Condensed Milk Co., canned, Fort Lupton, Colo.
Colo. Fuel & Iron Co., Boston bldg., Denver, Colo.
Colo. Iron & Metal Co., Denver, Colo.
Colo. Iron Works Co., Denver, Colo.
Colo. Lime & Fluxing Co., 321 McPhee, Denver, Colo.
Colo. Packing & Provision Co., Denver, Colo.
Colo. Portland Cement Co., Denver, Colo.
Colo. Rubber Co., mill & facty supps., Denver, Colo.
Colo. Tent & Awning Co., Denver, Colo.
Colo. Wrecking & Building Co., 1426 Second, Denver, Colo.
Colo. Yule Marble Co., 334 5th av, New York.
Colorprint Label Co., 125 S. 8th, St. Louis, Mo.
Colpitts, S. B., carriages, Alliston, Boston, Mass.
Colquhoun, D., & Son, meat packers, Central Falls, R. I.
Colquitt Lumber Co., Moultrie, Ga.
Colson Co., bicycles, screw mach. products, Elyria, Ohio.
Colson, F. A., Pattern Wks., Buffalo, N. Y.
Colson-Hudson, architects, Dun Bldg., Buffalo, N. Y.
Colson U. O. Co., advtg. spec., 118-20-22 S. Main, Paris, Ill.
Colt & Dickson Packing & Mfg. Co., canned goods, Frederick, Md.
Colt, J. B. D., Co., gas machs.; auto. lamps, etc., 30 E. 42d, New York.
Colt, Robert, architect, 85 Water, Boston, Mass.
Colt, Samuel S., architect, Orange, N. J.
Colt, Stockton B., architect, 40 W. 38th, New York
Colter, A. W., Canning Co., Mt. Washington, Ohio.
Colter, Henry, lbr., Bobo, Ind.
Colton, Arthur Co., pharmaceutical machy., 2600H E. Jefferson, Detroit, Mich.
Colton Bros. Co., flour mills, Bellefontaine, Ohio.
Colton, Geo. S., Elastic Web. Co., Easthampton, Mass.
Colton, Reuben, landscape architect, 31 Mass. av, Boston, Mass.
Colt's Patent Firearms Mfg. Co., rifles, guns, etc., Hartford, Conn.
Columb Tyres Import Co., tires, 1 Madison av, New York.
C. & O. Lbr. Co., Brookings, Ore.
Columbia Arch'l Iron Wks., 1619 Clybourne av, Chicago, Ill.
Columbia Axle Co., 826 E. 72d, Cleveland, Ohio.
Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.
Columbia Bangor Slate Co., rfg. slate mfrs., Bangor, Pa.
Columbia Boiler Works, tanks & stacks, Columbia, Pa.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Columbia Box & Lumber Co., South Bend, Wash.
Columbia Brass Wks., shower baths, 740 N. Franklin, Chicago, Ill
Columbia Brick Wks., Portland, Ore.
Columbia Button Wks., 229 W. 28th, New York.
Columbia Can Co., Madison, 1st & 2d, St. Louis, Mo.
Columbia Canning Co., Columbia, Tenn.
Columbia Casting Co., brass fndrs., Ferdinand & Wabash R. R., Detroit, Mich.
Columbia Cedar Co., Skamokawa, Wash.
Columbia Chemical Co., Pittsburgh, Pa.
Columbia Chemical Wks., aqua ammonia, Bush Terminal, Brooklyn, N. Y.
Columbia Chuck & Tool Co., flue cutters, 140 S. Dearborn, Chicago, Ill.
Columbia Conserve Co., canned goods, Indianapolis, Ind.
Columbia Constr. Co., 425 E. Water, Milwaukee, Wis.
Columbia Contract Co., E. Water & Main, Portland, Ore.
Columbia Cornice Co., Cambridge, Mass.
Columbia Cotton Mill Co., bags & bagging, Columbia, Tenn.
Columbia Cotton Oil Co., Magnolia, Ark.
Columbia Counter Co., 349 Congress, Boston, Mass.
Columbia County Lbr. Co., St. Helens, Ore.
Columbia Digger Co., 180 Burnside, Portland, Ore.

Columbia Dist. Co., Waterloo, N. Y.
Columbia Engine Co., machsts., 1275 Jefferson av, Detroit, Mich.
Columbia Engng. Wks., ship bldrs., Portland, Ore.
Columbia Envelope Co., 349 W. Austin av, Chicago, Ill.
Columbia Fastener Co., snap fasteners, 3229 S. Ashland av, Chicago, Ill.
Columbia Feather Co., hair & cotton felt mattresses, 413 W. Huron, Chicago, Ill.
Columbia Fire Brick Co., Canton, Ohio.
Columbia Fire Extinguisher Co., 174 Centre, New York.
Columbia Gas & Elec. Fix. Co., 182 Grand, New York.
Columbia Gas Engine Co., Portland, Ore.
Columbia Gas Stove Co., Huntington, W. Va.
Columbia Granite Co., Milford, N. H.
Columbia Granite Co., Westerly, R. I.
Columbia Granite & Dredging Co., crushed stone & sand, 3036 K, N. W., Washington, D. C.
Columbia Granite Wks., Quincy, Mass.
Columbia Graphophone Co., 233 B'way, New York.
Columbia Guano Co., fertilizer mfrs., Norfolk, Va.
Columbia Hardwood Lumber Co., 2082 Dominick, Chicago, Ill.
Columbia Hdwood Lbr. Co. of Ark., Pinckney, Ark.
Columbia Heater Co., Paterson, N. J.
Columbia Lamp Division, the Nat'l Lamp Wks., Title Guarantee Bldg., St. Louis, Mo.
Columbia Iron & Wire Works Co., Canton, Ohio.
Columbia Iron Wks., 721 Reading rd, Cincinnati, Ohio.
Columbia Iron Works, 246 N. 5th, Philadelphia, Pa.
Columbia Knitting & Mfg. Co., sweaters, gloves, etc., 236 B'way, Milwaukee, Wis.
Columbia Knitting Mills, sweaters, etc., 116 W. 32nd, New York.
Columbia Lubricants Co., 126 Massachusetts av, Boston, Mass.
Columbia Lubricants Co., 1549 S. Michigan, Chicago, Ill.
Columbia Lubricants Co. of N. Y., 116 Broad, New York.
Columbia Lbr. & Mfg. Co., Columbia, S. C.
Columbia Machine Co., Zanesville, Ohio.
Columbia Machine & Stopper Corp., 414 W. 38th, New York.
Columbia Mach. Tool Co., Hamilton, O.
Columbia Machine Works, 284 Stewart, San Francisco, Cal.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbia Mantel Co., Louisville, Ky.
Columbia Mfg. Co., cotton sheeting, Ramseur, N. C.
Columbia Mfg. Co. See Willey Co., Inc. (successor)
Columbia Mfg. Co., children's bicycles & vehicles, 116 E. 3rd, Cincinnati, O.
Columbia Marble Co., 268 Market, San Francisco, Cal.
Columbia Metal Box Co., 226 E. 144th, New York.
Columbia Metal Hose Wks., 532 W. 22nd, New York.
Columbia Metal Stamping Co., dies stamping, Cleveland, O.
Columbia Mill & Elevator Co., flour, Columbia, Tenn.
Columbia Mills, Inc., shade cloth mfrs., 225 5th av, New York.
Columbia Mills, woolen blankets, Lewiston, Me.
Columbia Mineral Wool Co., 58 W. Washington, Chicago, Ill.
Columbia Motor Truck & Trailer Co., Pontiac, Mich.
Columbia Narrow Fabric Co., cotton & elastic webbing, Shannock, R. I.
Columbia Naval Stores Co., Savannah, Ga.
Columbia Novelty Co., 1431 N. 8th, St. Louis, Mo.
Columbia Nut & Bolt Co., Bridgeport, Conn.
Columbia Oil Co. of New York, 15 William, New York.
Columbia Paper Bag Co., 921 E. Fort av, Baltimore, Md.
Columbia Paper Bag Co., paper bag mfrs., Long Island City, N. Y.
Columbia Plate Glass Co., Blairsville, Pa.
Columbia Plow Wks., Copake Falls, N. Y.
Columbia Postal Supply Co., Silver Creek, N. Y.
Columbia Products Co., whiting & paris white mfrs., Garfield Bldg., Cleveland, Ohio.
Columbia Pump & Well Co., machy. dlrs., 522 12th, N. W., Washington, D. C.
Columbia Quarry Co., limestone, Fullerton Bldg., St. Louis, Mo.
Columbia Record Stove Co., 624 S. 2d, Philadelphia, Pa.
Columbia Refining Co., oils, paints, 90 West, New York.
Columbia Ribbon & Carbon Mfg. Co., 69 Wooster, New York.
Columbia River Canning & Produce Co., St. Helena, Ore.
Columbia River Door Co., lbr., Gasco bldg, Portland, Ore.
Columbia River Packers' Assn., Astoria, Ore.
Columbia River Shipbuilding Corp., Portland, Ore.
Columbia Rubber Co., 301 Congress, Boston, Mass.
Columbia Sanitary Mfg. Co., lavatories & fittings, Louisville, Ky.
Columbia School Supply Co., Indianapolis, Ind.
Columbia Smelting & Refining Wks., 366 West, New York.
Columbia Specialty Co., boxes, cans, etc., 1508 E. Fayette, Baltimore, Md.
Columbia Stained Glass Works, 866 N. 10th, Philadelphia, Pa.
Columbia Star Milling Co., flour, Columbia, Ill.
Columbia Steel Co., mfrs., Elyria, Ohio.
Columbia Steel Co., iron & steel rolling mills, 503 Market, San Francisco, Cal.
Columbia Steel & Shafting Co., rolling mills, Carnegie, Pa.
Columbia Stone Co., Soc. for Sav. Bldg., Cleveland, Ohio.
Columbia Sugar Co., Bay City, Mich.
Columbia Supply Co., mill & facty. supplies, Columbia, S. C.
Columbia Tire & Rubber Co., Mansfield, Ohio
Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
Columbia Typewriter Mfg. Co., 37 W. 116th, New York.
Columbia Univ. Engng. School & Coll., W. 116th nr. Amsterdam av, New York.
Columbia Valley Lbr. Co., Seattle, Wash.
Columbia Wagon Co., Columbia, Pa.
Columbia Wax Wks., 751 E. 137th, New York.
Columbia Western Mills, machsts. & fndrs., Wheeler & Ring, Saginaw, Mich.
Columbia Western Mills, shade cloth mfrs., Peoria & W. 121st, Chicago, Ill.
Columbia Wire & Iron Wks., 1933 W. Lake, Chicago, Ill.
Columbia X-Ray & Elec. Corp., 131 E. 23d, New York.
Columbian Bronze Corp., 522 5th av, New York
Columbian Canning Co., canned goods, Lubec, Me.
Columbian Carbon Co., black, Williamsport, Pa.
Columbian Construction Co., Muskegon, Mich.
Columbian Cutlery Co., Reading, Pa.
Columbian Enameling & Stamping Co., Terre Haute, Ind.
Columbian Granite Co., Montpelier, Vt.
Columbian Hdwe. Co., vises, anvils, drop forgings, etc., Cleveland, Ohio.
Columbian Iron Wks., flap valves, machsts. & fndrs., Chattanooga, Tenn.
Columbian Iron Works, Twining, District of Columbia
Columbian Mail Crane Co., Columbus, Ohio.
Columbian Mfg. Co., awning stripes, denims, tickings, Greenville, N. H.
Columbian Paper Co., Buena Vista, Va.
Columbian Paper Co., Bristol, Va.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
Columbian Steel Tank Co., auto. metal bodies, gasoline pumps, New England Bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, Ohio.
Columbiana Fdry. Co., Columbiana, Ohio.
Columbiana Mfg. Co., handles, Columbiana, Ohio.
Columbiana Pump Co., Columbiana, Ohio.
Columbus Anvil & Forging Co., Columbus, Ohio.
Columbus Aseptic Furniture Co., Columbus, Ohio.
Columbus Auto. Brass Co., 769 N. 4th, Columbus, Ohio.
Columbus Auto Parts Co., screw mach. prod., E. Russell, Columbus, Ohio.
Columbus Belting & Supply Co., mill & factory supplies, 195H E. Long, Columbus, Ohio.
Columbus Bolt Works Co., Columbus, Ohio.
Columbus Brass Co., structural brass & bronze work, 538 Dublin av, Columbus, Ohio.
See adv index at end of book.
Columbus Brick Co., Columbus, Miss.
Columbus Brick & Terra Cotta Co., Columbus, Ohio.
Columbus Builders' Supply Co., 145 N. Front, Columbus, O.
Columbus Canning Co., Columbus, Wis.
Columbus Chemical Co., green soap, 3725 Langley av, Chicago, Ill.
Columbus Clay Mfg. Co., Blacklick, Ohio.
Columbus Coal & Lime Co., masons' & bldrs. matls., 307 S. High, Columbus, Ohio.
Columbus Coffin Co., Columbus, Ohio.
Columbus Die, Tool & Mach. Co., 955 Cleveland av, Columbus, Ohio
Columbus Electrical Wks. Co., 247 N. Front, Columbus, Ohio.
Columbus Fdy. Co., Columbus, Ind.
Columbus Foundry Co., Inc., brass, bronze & aluminum castings, 451 Hicks, Brooklyn, N. Y.
Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus, Ohio.
Columbus Fire & Face Brick Co., general bldg. prods. & coal, 16 S. 3rd, Columbus, Ohio.
Columbus Forge & Iron Co., automobile forgings, etc., Columbus, Ohio. *See adv index at end of book.*
Columbus Fndry Co. soil pipe, Columbus, Ga.
Columbus Gas Engine & Machine Co., 303 Mt. Vernon av, Columbus, Ohio
Columbus Glass Co., Lancaster, Ohio.
Columbus Grove Brick & Tile Co., Columbus Grove, Ohio.
Columbus Handle & Tool Co., Columbus, Ind.
Columbus Hardware & Furniture Co., Columbus, Miss.
Columbus Htg. & Ventg. Co., machsts., Columbus, Ohio.
Columbus Incandescent Mantle Co., Columbus, Ohio.
Columbus Iron Works, Columbus, Ga.
Columbus Lift Truck Co., Columbus, Ohio.
Columbus Lbr. Co., Columbus, Miss.
COLUMBUS McKINNON CHAIN CO., mfrs. chains of every description, Columbus, Ohio. *See adv index at end of book.*
Columbus Macadam Co., crushed stone, contractors & masons' & bldrs. matls., 319 Dublin av, Columbus, Ohio.
Columbus Mach. & Fdry. Co., cottonseed oil machy., Columbus, O.
Columbus Mach. Works, pipe vises, Columbus, Ind.
Columbus Mailing Bag Co., 1178 Mt. Pleasant av, Columbus, O.
Columbus Malleable Iron Co., Columbus, Ohio.
Columbus Mfg. Co., cotton sheeting, Columbus, Ga.
Columbus Mfg. Co., webbing—cotton, Columbus, Miss.
Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.
Columbus Mining Co., coal, 332 S. Michigan av, Chicago, Ill.
Columbus Oil Cloth Co., 1280 N. Grant av, Columbus, Ohio.
Columbus Packing Co., meat packers, Columbus, Ohio.
Columbus Phaeton Co., carriages, Burlington, N. J.
Columbus Plate & Window Glass Co., 69 E. Long, Columbus, O.
Columbus Plow Co., Columbus, Ohio.
Columbus Pump Co., hydraulic rams, Columbiana, Ohio.
Columbus Pump Supply Co., mill & facty. supplies, 35 Vine, Columbus, O.
Columbus Scale & Repair Co., machsts., 142 W. Long, Columbus, Ohio.
Columbus Sewer Pipe Co., Columbus, Ga.
Columbus Show Case Co., 423 N. Grant av, Columbus, Ohio.
Columbus Slate Co., New Hayden Bldg., Columbus, Ohio.
Columbus Steam Boiler & Htr. Co., Columbus, Ohio.
Columbus Steam Pump Works Co., Columbus, Ohio.
Columbus Structural Steel Co. (The), structural steel & ornamental iron work, Columbus, Ohio.
Columbus Sucker Rod Co. The, oil well supplies, pumps & sucker rods, Columbus, O.
Columbus Supply Co., mill & facty. & plumbers' supplies—jobbers, 37 W. Spring, Columbus, Ohio.
Columbus Tent & Awning Co., Columbus, Ohio.
Columbus Tractor Co., Columbus, O.
Columbus Truck & Supply Mfg. Co., Columbus, Ga.
Columbus Varnish Co., Columbus, Ohio.
Columbus Washed & Sterilized Wiper Co., mach. wipers, 522 Parsons av, Columbus, Ohio.
Columbus Wire Fence Co., 827 Reynolds av, Columbus, Ohio.
Columbus Wire & Iron Works Co., Columbus, Ohio.
Colusa Milling Co., flour, Colusa, Cal.
Colusa Sandstone Co., Potrero av & Division, San Francisco, Cal.
Colvin, Albert Leslie, contr., Anderson, Ind.
Colvin Chase Fence Co., South Charleston, Ohio.
Colvin Fndry. Co., 185 Globe, Providence, R. I
Colvin, J B., machsts. & fndrs., Worcester, Mass.
Colvin-Robb Lumber Co., Bibawik, Minn.
Colvin, S. S., Stave Co., cooperage stock, Pemberville, Ohio.
Colwell Cooperage Co., 412 G'wich, New York.
Colwell, E. F., landscape architect, 6523 Euclid av, Cleveland, O.
Colwell Granite Co., producers, Farmers' Bank Bldg., Pitts., Pa.
Colwell Ideal Corp., plumbing goods, Grand River & Kirby, Detroit, Mich.
Colwell, Lewis, chemical engr., 25 E. Jackson, Chicago, Ill.
Colwell, Philip, contractor, 21 Gilbert, New Haven, Conn.
Colyer, Jos. H., & Son, masons' & bldrs. matls., 531 Nostrand av, Brooklyn, N. Y.
Comas Machine Co., machsts. & fndrs., Salem, Va.

Comb, David, & Son, contractors, 29 Ash, Minneapolis, Minn.
Combahee Fertz. Co., Charleston, S. C.
Combes, G. D., masons' & bldrs. matls., Rockville Center, N. Y.
Combination Door Co., windows & storm doors, Fond Du Lac, Wis.
Comey, R. H., Co., shades, porch, Camden, N. J.
Combination Engine Co., 3148 Penn av, Pittsburgh, Pa.
Combination Engine & Compressor Co., Bradford, Pa.
Combination Fountain Co., Decatur, Ill.
Combination Ladder Co., lawn settees, clothes bars, etc., 366 Fountain, Providence, R. I.
Combination Rubber Mfg. Co., beltings, hose, etc., Bloomfield, N. J.
Combined Locks Paper Co., Combined Locks, Wis.
Combined Supply & Equipment Co., fndry. facings, chaplets & supplies, 766 Grant, Buffalo, N. Y.
Combs, A. G., fertilizer, Locust Grove, Ga.
Combustion Engng. Corp., 11 B'way, New York.
Combustion Utilities Corp., fire controllers, 60 Wall, New York.
Combusto Devices Corp., fuel economizers, 250 W. 54th, N. York
Comeau, John F., architect, Elmhurst, Borough of Queens.
Comeaux Lumber Co., Broussard, La.
Comee Metallic Packing Co., Stevens Point, Wis.
Comer, A. F., architect, 23 Abercorn, Savannah, Ga.
Comer & Beals, flour mills, Gamaliel, Ky.
Comer, E. T., & Co., fertilizer mfrs., Millhaven, Ga.
Comer Mercantile Co., fertilizer, Comer, Ga.
Comer Oil Mill, Comer, Ga.
Comey & Frost, l'dscape architects, Abbott Bldg., Boston, Mass.
Comerer, W. M., lumber, Burnt Cabins, Pa.
Comerma Co., contractors, 114 Liberty, New York.
Comes & Imbs, architects, Columbia Bldg., St. Louis, Mo.
Comes, John T., architect, Renshaw Bldg., Pittsburgh, Pa.
Comet Automobile Co., Decatur, Ill.
Comet Welders, special weldings, 521 W. Jackson, Chicago, Ill.
Comfort Auto Robe Co., Inc., Waterloo, N. Y.
Comfort Chemical Closet Co., Factories Bldg., Toledo, Ohio.
Comfort, G. E., architect, Chronicle bldg, San Francisco, Cal.
Comfort, Ralph M., architect, 160 5th av, New York.
Comly, Frank T., stone producers, Edgehill, Pa.
Commander Mill Co., flour, 922 Flour Ex., Minneapolis, Minn.
Commander, T. A., & Son, lbr., Elizabeth City, N. C.
Commary, W. T., & Son, contractor, Crocker Bldg., San Francisco, Cal.
Commerce Brick & Lumber Co., Commerce, Ga.
Commerce Fertilizer Co., Commerce, Ga.
Commerce Motor Car Co., 26 Mackie, Detroit, Mich.
Commercial Acetylene Supply Co., 80 B'way, New York.
Commercial Acid Co., fertilizer, East St. Louis, Ill.
Commercial Auto Body & Mfg. Co., 5345 St. Clair, Cleveland, O.
Commercial Battery Co., 759 Boston av, Chicago, Ill.
Commercial Boiler Works, tubular, Seattle, Wash.
Commercial Box & Envelope Co., Chester, Pa.
Commercial Brass Corpn., lubricators, valves, etc., Detroit, Mich.
Commercial Camera Co., Rochester, N. Y.
Commercial Car Journal, Market & 49th, Phila., Pa.
Commercial Cars, Ltd., 40 Convent av, New York.
Commercial Cedar Co., lumber mfrs., Seattle, Wash.
Commercial Chemical Co., belt dressing & waterproof for shoes, 212 Essex, Boston, Mass.
Commercial Chemical Co., hydrofluoric acid, alums & ammonia, 5721 W. 66th, Chicago, Ill.
Commercial Constr. Co., 8 Bridge, New York.
Commercial Corundum & Emery Wheel Co., see Commercial Grinding Wheel Co., (successors).
Commercial Cylinder Co., acetylene cylinders, 80 B'way, New York.
Commercial Distilling Co., Terre Haute, Ind.
Commercial Drop Forge Co., Warren, Pa.
Commercial Electric Co., Ltd., 728 Poydras, New Orleans, La.
Commercial Elec. Sign Co., 440 W. 46th, New York.
Commercial Elec'l Supply Co., arc lamp insulators, B'way & Spruce, St. Louis, Mo.
Commercial Enclosed Fuse Co., Hoboken, N. J.
Commercial Engine Co., 2424 Porter, Los Angeles, Cal.
Commercial Engng Co., elec. contrs, 618H Clift bldg, Salt Lake City, Utah.
Commercial Fdry. Co., 97 Meldrum, Detroit, Mich.
Commercial Furniture Co., desk mfrs., 2718 W. Superior, Chicago, Ill.
Commercial Grinding Wheel Co., 922 W. Ohio, Chicago, Ill.
Commercial Iron Wks., 171 Globe, Providence, R. I.
Commercial Iron Wks., machsts., 497 5th, San Francisco, Cal.
Commercial Iron Wks. Co., fndrs., Penn Yan, N. Y.
Commercial Journal, 628 Chestnut, Philadelphia, Pa.
Commercial Lubricating Co., cor. Meadow & Jackson, Phila., Pa.
Commercial Lbr. Co., Shreveport, La.
Commercial Machine Co., cam shafts, Dunkirk, N. Y.
Commercial Milling Co., farina & flour, 229H Randolph, Detroit, Mich.
Commercial Oil Co., 17 Main, Buffalo, N. Y.
Commercial Paste Co., 504 Buttler, Columbus, Ohio
Commercial-Research Co., molybdenum wire, 18 E. 41st, New York
Commercial Sash & Door Co., 4914 S. Paulina, Chicago, Ill.
Commercial Sash & Door Co., Liberty & 33rd, Pittsburgh, Pa.
Commercial Sash & Door Co., Seattle, Wash.
Commercial Shearing & Stamping Co. The, Youngstown, O.
see adv. index at end of book.
Commercial Shingle Co., lumber, Bellingham, Wash.
Commercial Soap Co., Reno, Nev.
Commercial Steel Casting Co., The, open hearth steel castings, Marion, Ohio. *See adv index at end of book.*
Commercial Stone Co., Joliet, Ill.
Commercial Switchboard Mfg. Co., Denver, Colo.
Commercial Truck Co. of Am., 27th & Brown, Philadelphia, Pa.
Commercial Truckmobile Co. See Cole Truckmobile Co. (successor)
Commercial Utilities Mfg. Co., advtg. spec., 160 N. Wells, Chicago, Ill.
Commercial Utilities Mfg. Co., time stamps, 521 W. 26th, New York.
Commercial Vehicle, trade publication, 239 W. 39th, New York.
Commercial Welding & Mach. Co., Worcester, Mass. (tr.)
Common Sense Gas Tractor Co., 622 S. E. 9th, Minneapolis, Minn.
Common Sense Novelty Co., elec. illuminating signs, Sheffield av & Montana, Chicago, Ill.
Common Sense Tire Removers Co., Dowagiac, Mich.
Common Sense Truss Co., elastic hosiery, 306 W. Madison, Chicago, Ill.
Commonwealth Adding Mach. Co., Muskegon, Mich.
Commonwealth Brass Corp., lubricators, radiator valves, etc., 625 Commonwealth av & Ry., Detroit, Mich.
Commonwealth Chemical Corp., 15 Park row, New York.
Commonwealth Color & Chemical Co., Nevins, Brooklyn, N. Y.
Commonwealth Cotton Oil Co., meal, Cushing, Okla.
Commonwealth Felt Co., 74-78 Summer, Boston, Mass.
See adv index at end of book
Commonwealth Glue Co., Drexel Bldg., Philadelphia, Pa.
Commonwealth Mfg. Co., "furniture," Dept. H, Gardner, Mass.
Commonwealth Motors Co., 326 W. Madison av, Chicago, Ill.
Commonwealth Quarry Co., crushed stone, Summit, N. J.
Commonwealth Roofing Co., Grove c. 19th, Jersey City, N. J.
Commonwealth Steel Co., car trucks & platforms, Pierce bldg, St. Louis, Mo.
Commonwealth Supply Co., gear mfrs., Mutual Bldg., Richmond, Va.
Communipaw Steel Co., steel structural work, 95 Liberty, New York.
Commutator Co., armatures, machinists, 121 N. 1st, Minneapolis, Minn.
Comolli & Co., granite, Barre, Vt.
Compagnie Morana, oils, 118 E. 27th, New York.
Complete Mfg. Co., clothes washing machines, Kenosha, Wis.
Compo-Board Co., 44th & Lyndale av, Minneapolis, Minn.
Compound Door Co., St. Joseph, Mich.
Compound Injector & Specialty Co., plumbing specialties, 419 No. Laramie av, Chicago, Ill.
Compound Spec. Co., 156 West av, L. I. City, N. Y.
Compress Buckle Co., fly swatters, etc., Fort Worth, Tex.
Compressed Air Power Co., 110 Jessie, San Francisco, Cal.
Compressed Steel Shafting Co., Readville, Mass.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, Ohio.
Comptograph Co., see Felt & Tarrant Mfg. Co., (successor).
Compton, A. A., contractor, Springfield, Mo.
Compton, C. C., architect, Donora, Pa.
Compton, Demetrius, lumber, Elk Lick, Pa.
Compton, Ezra, brick, School, Ill.
Compton-Price Co., pianos, Coshhocton, Ohio.
Compton, W. H., Shear Co., 314 Camden, Newark, N. J.
Compton, W. R., Realty & Bldg. Co., Elmira, N. Y.
Computer Mfg. Co., scales, 268 Market, San Francisco, Cal.
Computing Appliances Co., machsts. & fndrs., Dayton, Ohio.
Computing Cheese Cutter Co., Anderson, Ind.
Computing Scale Co., Dayton, Ohio.
Computing Scale & Fixture Co., coffee & spice mills, 303 E. 4th, Cincinnati, Ohio.
Computing Tabulating Recording Co., scales, etc., 50 Broad, New York.
Comstedt, Joseph F. H., steel products, 120 B'way, New York.
Comstock, A. S., machst. & fndr., Evanston, Ill.
Comstock, C. H., Co., common brick, Ashkum, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Comstock, Corry B., architect, 110 W. 40th, New York.
Comstock, Edw., Co., Rome, N. Y.
Comstock, Geo. S., & Son, air compressors, hydraulic rams, Mechanicsburg, Ohio.
Comstock, L. H., lbr. mfrs., Louisville, Ky.
Comstock, L. K. & Co., contractors, 21 E. 40th, New York.
Comstock & Van Dreser, architects, Gloversville, N. Y.
Conable, Geo. W., architect, 46 W. 24th, New York.
Conan, C. A., contractor, No. American bldg., Philadelphia, Pa.
Conanicut Mills, cotton sheetings, Fall River, Mass.
Conant Bros. Co., medicine cabinets, Somerville, Mass.
Conant, Chas. P., building contractor, Lowell, Mass.
Conant & Co., elastic webbing, Littleton, Mass.
Conant & Donelson Co., machsts. & fndrs., Conway, Mass.
Conant, Edward F., flour, Conant, Idaho.
Conant, F. R., Co., packing box mfrs., Auburn, Me.
Conant, R. O., Co., canning machy., Portland, Me.
Conard, D. R., architect, Hartman Bldg., Columbus, Ohio.
Conard, Thos. P., railroad equipt. & machy. dlr., Harrison Bldg., Phila., Pa.
Conastee Mills, cotton sheetings, Greenville, S. C.
Conay Glove Co., 115 E. 23d, New York.
Concord Axle Co., machsts. & fndrs., Penacook, N. H.
Concord Fdy. Co., Elkhart, Ind.
Concord Fdry. & Mach. Co., Concord, N. H.
Concord Fdry. & Mach. Wks. Co., Concord, N. C.
Concord Granite Co., Concord, N. H.
Concord Mfg. Co., steam htrs., Dayton, Ohio.
Concord Pipe Co., Concord, N. H.
Concord Wheel Co., Concord, N. H.
Concord Woodworking Co., Concord, N. H.
Concordia Electric Co., miners' lamps, Union Arcade bldg, Pittsburgh, Pa.
Concordia Milling Co., flour, Concordia, Kan.
Concordia Oil Mills Co., cottonseed meal, Vidalia, La.
Concordia Safety Lamp Co., see Concordia Electri Co. (successor).
Concourse Blue Print Co., blue prints, 52 Vanderbilt av, New York.
Concrete-Cement Age Publishing Co., 310 Telegraph Bldg., Detroit, Mich.
Concrete Constr. Co., 1618 Thompson, Philadelphia, Pa.
Concrete Const. Co., Empire Bldg., Pittsburgh, Pa.
Concrete Engineering Co., Omaha, Neb.
Concrete Foundation Co., Sharp Bldg., Kansas City, Mo.
Concrete Hardening Co., Inc., 220 5th av, New York
Concrete Machy. & Supply Co., 2014 Sante Fe av, Los Angeles, Cal.
Concrete Products Co. of Am., sewer pipe, Diamond Bank bldg, Pittsburgh, Pa.
Concrete Products Co., concrete reinforcing matls., Finance Bldg., Kansas City, Mo.
Concrete Pipe & Constr. Co., Riverside, Cal.
Concrete Products, trade publications, Monadnock bldg., Chicago, Ill.
Concrete Ship Moulding Co., concrete barges, Seattle, Wash.
Concrete Steel Bridge Co., Clarksburg, W. Va.
Concrete Steel Co., 42 B'way, New York.
Concrete Steel Constr Co., Dept. H, Springfield, Ohio.
Concrete & Steel Const. Co., Joplin, Mo.
Concrete Steel Engng. Co., 13 Park Row, New York.

Concrete Stone & Sand Co., Poland av, Youngstown, Ohio.
Concrete Waterproof Paint Co., 329 N. 3rd, Philadelphia, Pa.
See adv index at end of book.
Condarjian, L. K., architect, 1942 Kern, Fresno, Cal.
Conde, W. W., Hardware Co., wholesale, Watertown, N. Y.
Condensite Co. of Am., baking enamels, insulating varnishes, Bloomfield, N. J.
Conder & Culbertson, contractors, Odd Fellows Bldg., Indianapolis, Ind.
Condie-Bray Glass Paint Co., B'way & Benton, St. Louis, Mo.
Condit Electrical Mfg. Co., elect'l protective devices, cut-outs, oil break switches, transformers, etc., 1st & L, Boston, Mass.
Condon, Geo. C., contractor, Wesley Roberts Bldg., Los Angeles, Cal.
Condon, Geo. W. Farron bldg, Omaha, Neb.
Condon, James, common brick, Mazon, Ill.
Condon, Wm. F., contractor, 218 Putnam av, Cambridge, Mass.
Condrad, J. B., bldg. contr., Orchard & Layton blvd., Milwaukee, Wis.
Condrin, Mrs. Wm. Marine, machinist, Oil City, Pa.
Condron Co., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.
Condron, J. B., masons' & bldrs.' matls., Hollidaysburg, Pa.
Conductor Fitting Co., rain water cut-offs, Marietta, Ohio.
Cone, Fred H., & Co., horse hair, 181 Front, New York
Cone, Harry A., architect, Schofield Bldg., Cleveland, Ohio.
Cone, J. H. & W. E., whol. hdwe., 87 Asylum, Hartford, Conn.
Cone, Jos. D., lumber, wagon spokes, North Vernon, Ind.
Cone, R. D., Co., whol. hrwe., mill & facty. supplies, Winona, Minn.
Cone, Robt. H., contr., West Hartford, Conn.
Conejos Co-operative Roller Mills & Mfg. Co., Antonio, Colo.
Conen, Stephen, cornices, 4305 Lincoln av, Chicago, Ill.
Cones & Menefee, lumber mfrs., 450 W. Broad, Columbus, Ohio.
Cones, Frank, contractor, 408 Lombard, Indianapolis, Ind.
Conestoga Glue Wks., Lancaster, Pa.
Conestoga Steam Cotton Mills, Lancaster, Pa.
Conewago Trap Rock Co., Williamsport, Pa.
Conewaugo Furn. Co., Dept. H, Warren, Pa.
Coney & Parker Co., masons' & bldrs.' matls., Brunswick, Ga.
Coneys, Jno. L., architect, 1513 Walnut, Philadelphia, Pa.
Confectioner's Gazette, trade publication, 366 B'way, New York.
Confer, Smith & Co., founders, Hamburg, Pa.
Congaree Fertilizer Co., Columbia, S. C.
Congdon, Alphonse, contrs., Narragansett Pier, R. I.
Congdon & Carpenter Co., whol. hdwe., 155 Canal, Providence, R. I.
Congdon, D. C., cornices & skylights. Fort Scott, Kan.
Congdon, Henry M., architect, 10 W. 23rd, New York.
Congdon, Herbert W., architect, 18 B'way, New York
Congdon, Z. T., Brass Fdry., Providence, R. I.
Congleton, J., brooms, New Philadelphia, Ohio.
Congoleum Co., Dept. of the Barrett Co., congoleum, 14 E. Jackson, Chicago, Ill.
Congress Varnish Wks., 114 Maiden Lane, New York.
Conkey, G. E., Co., insecticides, 3039 Woodland av, S. E., Cleveland, Ohio.
Conkle, John, Jr., lumber, Clark, Ohio.
Conklin Bros., dock bldrs., contractors, 2080 Richmond ter., Port Richmond, N. Y.
Conklin, Chas. W., architect, Mansfield, Ohio
Conklin, Claude C., architect, Patchogue, N. Y.
Conklin & Cummins, masons' & bldrs.' matls., Goshen, N. Y.
Conklin, H. King., architect, 665 Broad, Newark, N. J.
Conklin, H. R., bag filters, Joplin, Mo.
Conklin, Henry B., contractor, Belle Plaine, Ia.
Conklin Pen Mfg. Co., Toledo, Ohio.
Conklin, Reuling Co., contractors, masons' & bldrs.' matls. & sash, door & blinds, Pekin, Ill.
Conklin, S. P., mill & facty. supplies, 68 Jefferson av, Detroit, Mich.
Conklin & Sons Co., masons' & bldrs.' matls., Madison, Wis.
Conklin & Strong, masons' & bldrs.' matls., Warwick, N. Y.
Conklin, T. E. & Co., brass & copper angles, channels, etc., 61 Duane, New York.
Conklin Tin Plate & Metal Co., Atlanta, Ga.
Conklin, W. E. architect, 140 Peachtree, Atlanta, Ga.
Conkling-Armstrong Terra Cotta Co., terra cotta architectural, Wissahickon av & Juniata, Philadelphia, Pa.
Conkling, E. A., Box Co., packing box mfrs., 2001 Reading rd, Cincinnati, Ohio.
Conkling, Frank A., lumber mfrs., Memphis, Tenn.
Conkling, H. J., masons' & bldrs.' matls., 731 Hunt, Cincinnati, Ohio.
Conlan, Bernard, & Co., belt buckles, uniform buttons, etc., 87 Hamilton, Newark, N. J.
Conlan Elec. Co., 86 Walker, New York.
Conlee Lumber Co., Attalia, Wash.
Conley Camera Co., Rochester, Minn.
Conley, Frank E., Stone Co., masons' & bldrs. matls., Utica, N. Y.
Conley Frog & Switch Co., Memphis, Tenn.
Conley, Joseph A., brick, Harpster, Ohio.
Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.
Conley, T. F., tubular boilers, Tiffin, Ohio.
Conley Tinfoil Co., 521 W. 25th, New York.
Conlin & Co., crushed stone, crushed marble, marble-dust, Tuckahoe, N. Y.
Conlin, J. C., mill & fcty. & steam fitters' supplies, 361 Washington, Providence, R. I.
Conlin & Roberts, cornices & skylights, 414 Natoma, San Francisco, Cal.
Conlin, Thos., Plumbing & Htg. Co., 3978 Cottage Grove av, Chicago, Ill.
Conlon & Co., masons' & bldrs. matls., 270 Provost, Jersey City, N. J.
Conlon, Jas. W., stone, Av A & 68th, New York.
Conlon, John J., sashes, doors & blinds, Hannibal, Mo.
Conlon, Wm. J., brass fndrs., Albany, N. Y.
Conly Bros., masons' & bldrs.' matls., Wilmington, Del.
Conly, J. A., Button Co., 116 N. State, Chicago, Ill.
Conn, Chas. G. (Ltd.), musical instruments, Elkhart, Ind.
Conn-De Visser Co., mill & facty. supplies, Detroit, Mich.
Connally, Walter & Co., mill & facty. supplies, Tyler, Tex.
Connaughton, John P., tubular boilers, 540 S. Capitol av, Indianapolis, Ind.
Conneaut Can Co., Conneaut, Ohio.
Conneaut Leather Co., Conneaut, Ohio.
Conneaut Metal Wks., portables, aeroplanes, Conneaut, Ohio.
Conneaut Shovel Co., Conneaut, Ohio.
Conn. Adamant Plaster Co., New Haven, Conn.
Conn. Aircraft Co., aeroplanes, New Haven, Conn.
Conn. Blower Co., Inc., The, fans, blowers, dust collectors, etc., 133-39 Sheldon, Hartford, Conn.
Conn. Box Co., New Haven, Conn.
Conn. Brass Fdry. Co., Waterbury, Conn.
Conn. Brass & Mfg. Corp., brass sheets & bars, West Cheshire, Conn.
Conn. Chain Co., confectioners' machy., 236 Middle, Bridgeport, Conn.
Conn. Clasp Co., machsts., Bridgeport, Conn.
Conn. Concrete Co., 185 Church, New Haven, Conn.
Conn. Cord Iron Corp., Norwich, Conn.
Conn. Dynamo & Motor Co., Irvington, N. J.
Conn. Elec. Mfg. Co., enclosed fuses, Conn. av, Bridgeport, Conn.
Conn. Elec. Steel Co., Inc., elec. steel castings, tool steel & welding rods, 540 Flatbush av, Hartford, Conn.
Conn. Engineering & Contrg. Co., Norwich, Conn.
Conn. Fat Rendering & Fertilizing Corp., tallow mfrs,. New Haven, Conn.
Conn. Fireworks Co., West Haven, Conn.
Conn. Glue Co., Danbury, Conn.
Conn. Hassain Paving Co., 902 Chapel, New Haven, Conn.
Conn. Lime Co., Lee, Mass.
Conn. Marine Boiler Wks., Bridgeport, Conn.
Conn. Metal Treating Co., Inc., case hardening, steel heat treating, etc., Bridgeport, Conn.
Conn Metal & Chemical Co. dyestuff lead, paint, etc., East Berlin, Conn.
Conn. Mills Co., canvas & cotton duck, Danielson, Conn.
Conn. Oil Co., Waterbury, Conn.
Conn. Quarries Co., stone p'ducers, trap rock, New Haven, Conn.
Conn. Sash & Door Co., 248 Park, New Haven, Conn.
Conn. Shock Absorber Co., Meriden, Conn.
Conn. Steam Brownstone Co., Portland, Conn.
Conn. Steel & Wire Co., auto. trunk racks, Hartford, Conn.
Conn. Tele. & Elec. Co., fire alarms, elec. bells, etc., Meriden, Conn.
Conn. Turbine Mfg. Co., New London, Conn.
Conn. Valley Lumber Co., 147 Milk, Boston, Mass.
Conn. Valley Mfg. Co., bits, boring tools & gas engines, Centerbrook, Conn.
Conn. Valley Orchard Co., fertilizer, Berlin, Conn.
Conn. Web & Buckle Co., Bridgeport, Conn.
Conneen Constr. Co., 10 So. 18th, Philadelphia, Pa.
Connell & Dengler Mach. Co., siding saw machy., Rochester, N. Y.
Connell, Geo. E., architect, Newport News, Va.
Connell, J., architect, 208 9th, Hoboken, N. J.
Connellsville Central Coke Co., Empire Bldg., Pittsburgh, Pa.
Connellsville Coal & Coke Co., Connellsville, Pa.
Connellsville Constr. Co., Connellsville, Pa.
Connellsville Foundry, Machine & Steel Casting Co., Connellsville, Pa.
Connellsville Garbage & Fertilizer Co., Connellsville, Pa.
Connellsville Iron Wks., machsts. & fndrs., Connellsville, Pa.
Connellsville Mach. & Car Supply Co., Connellsville, Pa.
Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.
Connellsville Mutual Coke Co., Scottdale, Pa.
Connelly, Arthur, architect, 46 Breitnall pl, Newark, N. J.
Connelly Bros., mill & facty. supplies, Buffalo, N. Y.
Connelly, D., Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, Ohio.
Connelly, F. B., Co., machinery dealers, 423 North Broadway, Billings, Montana
Connelly Glass Co., window glass mfgrs., Caney, Kan.
Connelly Hardwood Lbr. Co., 180 Indiana av, Kansas City, Mo.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York.
Connelly, J., Constr. Co., Leader-News Bldg., Cleveland, Ohio.
Connelly, Joseph L. Co., contractors, 133 W. Washington, Chicago, Ill.
Connelly, P., contractor, 13 E. Hamilton pl, Jersey City, N. J.
Connelly, Thos., cement sewer pipe, 118 N. La Salle, Chicago, Ill.
Conner, Chas. H., & Co., tin plate, metals, etc., Louisville, Ky.
Conner & Hunt, machsts., 566 Folsom, San Francisco, Cal.
Conner, J. W., & Son, agricultural implements, Orangeville, Pa.
Conner Millwork Co., sash, door & blind, Trenton, N. J.
Conner, Theodore, architect, Erie Bldg., Cleveland, Ohio.
Conners Bros. Co., contractors, masons' & bldrs. matls., Lowell, Mass.
Connersville Blower Co., Connersville, Ind.
Connersville Buggy Co., Connersville, Ind.
Connersville Furn. Co., Dept. H, Connersville, Ind.
Connersville Lbr. Co., Connersville, Ind.
Connery, A. J., architects, 164 Broad, Newark, N. J.
Connery & Co. Inc., steel plate work, kettles, tanks etc., 4000 N. 2nd, Phila., Pa. *See adv. index at end of book.*
Connery Mach. & Tool Co., workers of spec. machy., jigs, fixtures, etc., 56 Harrison av, Springfield, Mass.
Connewango Refining Co., lubricating oils & greases, Warren, Pa.
Connley, J. H., brick, Berlin, Conn.
Connolly Bros., contractors, Beverly Farms, Mass.
Connolly Bros., toys, 329H Laurel av, Cheltenham, Pa.
Connolly, Jas., contractors, 355 Rivington, New York.
Connolly, M. T., Contrg. Co., 238 17th, Jersey City, N. J.
Connolly Mfg. Co., ovens, 123 Liberty, New York.
Connolly Steel Casting Co., Chelsea, Mass.
Connolly, Walter, & Co., mill & facty. supplies, Tyler, Texas.
Connolly, Wm. H., Co., contractors, 196 Market, Newark, N. J.
Connor Fdry. Co., Grand Rapids, Mich.
Connor, Francis, pianos, 343 Lexington av, New York.
Connor & Groger, Inc., lbr., Everett, Wash.
Connor Hdwe. Co. (Ltd.), cornices, Plymouth, Mich.
Connor, I. W., Co., masons' & bldrs. matls., Wayne, Pa.
Connor, Jas., contractor, 1317 Arch, Philadelphia, Pa.
Connor Lbr. & Land Co., Laona, Wis.
Connor, M. A., plumbers' specialties, Lockport, N. Y.
Connor, Martha L., stone producers, Walton, N. Y.
Connor & Poriss, Inc., contrs., Hartford, Conn.
Connor, R., Co., lumber, ties, poles & posts, Marshfield, Wis.
Connor, S. A., & Son, contrs., Newton, Ill.
Connor, Thos., contractor, 3329 N. 5th, Philadelphia, Pa.
Connor, W. B., Inc., feed water pumps & heaters, 90 West, New York.
Connors & Fitlin, contrs., Orange, N. J.
Connors, J. C., contrs., Schenectady, N. Y.

Connors Steel Co., Birmingham, Ala.
Connors, Wm., Paint Mfg. Co., mfrs., Troy, N. Y.
Conolly, Hy., Co., loose leaf devices, Rochester, N. Y.
Conococheague Brick & Earthenware Co., Williamsport, Md.
Conover, Allan D., architect, Madison, Wis.
Conover Bros., masons' & bldrs. matls., Orange, N. J.
Conover, J. Hallam, architect, 114 Liberty, New York
Conover, S. A. Co., advertising counsellors, 99 Chauncey, Boston, Mass.
Conover, Warren H., architect, 114 Liberty, New York.
Conquest, P. L., & Son, ties, poles & posts, Amer. Nat'l Bank Bldg., Richmond, Va.
Conrad Bros., 682 Commerce, Milwaukee, Wis.
Conrad, Earl W., carriages, Warsaw, Ind.
Conrad, Edw. J., lbr., Lisbon, N. H.
Conrad, Frank J., machsts., Toledo, Ohio.
Conrad Iron Works, machsts. & fndrs., Boyne City, Mich.
Conrad, J. B., & Son, contrs., 1028 National av, Milwaukee, Wis.
Conrad, John, & Co., corn brooms, Everett, Mass.
Conrad, Jno. F., Co., cleanouts, Elizabeth, N. J.
Conrad, Krammerer Glue Co., New Albany, Ind.
Conrad Mfg. Co., "furniture," 1942H N. 2nd St. Louis, Mo.
Conrad Piano Mfg. Co., 181 3d, Milwaukee, Wis.
Conrad, Wm. J., masons' & bldrs. matls., Marysille, Ohio.
Conrad Wood Preserving Co., shingle stain, paints, etc., 118 Plymouth av, Minneapolis, Minn.
Conradis, August, contractor, Magee Bldg., Pittsburgh, Pa.
Conrady, M. J., contrs., 475 Greenwich, New York.
Conran Standpipe Co., 305 Pearl, New York.
Conrey, D. L., Furniture Co., book cases, Shelbyville, Ind.
Conrey-Davis Mfg. Co., medicine cabinets, sewing tables, Shelbyville, Ind.
Conron-McNeal Co., ice skates, Kokomo, Ind.
Conron, Thos., Hdwe. Co., Danville, Ill.
Conroy-Prugh Co., plate glass mirrors, 1430 Western av, Pittsburgh, Pa.
Conshohocken Stone Quarry, mill & facty. supplies, Conshohocken, Pa.
Consolidated Belting Co., 3108 Germantown av, Philadelphia, Pa.
Consolidated Boat Store Co., mill & facty. supplies, 56 Main, Cincinnati, O.
Consolidated Brick Co., Horseheads, N. Y.
Consolidated Car Fender Co., trolley car fenders & snow brushes, mfrs., Foot Vale, Providence, R. I.
Consolidated Car Heating Co., heaters, signals, etc., Albany, N.Y.
Consolidated Carpet Sewing Mach. Co., Bridgeport, Conn.
Consolidated Chemical Co., Kane, Pa.
Consolidated Coal Co., Buxton, Iowa
Consolidated Coal Co. of St. Louis, 1155 Ry. Exchange, St. Louis, Mo.
Consolidated Coke Co., Oliver Bldg., Pittsburgh, Pa.
Consolidated Color & Chemical Co., 122 Hudson, New York.
Consolidated Construction Co., 827 Law Bldg., Indianapolis, Ind.
Consolidated Constr. Co., 34th & Bowman, Philadelphia, Pa.
Consolidated Dental Mfg. Co., 130 Washington pl, New York.
Consolidated Dressed Beef Co., meat packers, 30th & Race, Philadelphia, Pa.
Consolidated Electric Lamp Co., incandescent electric lamps, carbon & tungsten mfrs., Danvers, Mass.
Consolidated Elec. Mfg. Co., panel board cabinets, 223 N. 18th, Phila., Pa.
Consolidated Electric & Mfg. Co., machsts. & fndrs., Assumption, Ill.
Consolidated Elec. Sign Co., 115 N. Desplaines, Chicago, Ill.
Consolidated Engine Stop Co., 133 W. 19th, New York.
Consolidated Engng. Co., contractors & engineers, Calvert Bldg., Baltimore, Md.
Consolidated Engineering Co., heating contractors, 507 W. Jackson, Chicago, Ill.
Consolidated Eng. Co., elec. power machy. & switchboards, Jacksonville, Fla.
Consolidated Engng & Constr. Co., 622 E. McMillan, W. H., Cincinnati, Ohio.
Consolidated Expanded Metal Co., Rankin, Pa.
Consolidated Filters Co., 136 W. 65th, New York.
Consolidated Fireworks Co., 22 Park pl, New York.
Consolidated Fruit Jar Co., sheet metal products, New Brunswick, N. J.
Consolidated Fuel & Lumber Co., Ishpeming, Mich.
Consolidated Gas & Elec. Co., 554 Lake, Chicago, Ill.
Consolidated Gas & Gasoline Engine Co., 202 Fulton, New York.
Consolidated Indiana Coal Co., masons' & bldrs.' matls., Merchants Bank bldg, Indianapolis, Ind.
Consolidated Iron Wks., machsts., Hoboken, N. J.
Consolidated Knitting & Spinning Mills, lumbermen's socks, Reading, Pa.
Consolidated Lamp & Glass Co., Corapolis, Pa.
Consolidated Lamp & Glass Co., 66 West, New York.
Consolidated Lumber Co., Stillwater, Minn., Los Angeles, Cal., & Manistique, Mich.
Consolidated Machy. Exchange, machy. dlrs., 201 Mulberry, Newark, N. J.
Consolidated Machy. & Wrecking Co., 140 Nassau, New York
Consolidated Mfg. Co., ice cream freezers, Hartford, Conn.
Consolidated Mfg. Co., hose cleaners, 54 Belmont av, Newark, N. J.
Consolidated Mfg. Co., metal spinning, Dayton, Ohio.
Consolidated Marble & Stone Co., Carthage, Mo.
Consolidated Milling Elevator & Power Co., flour, Chippewa Falls, Wis.
Consolidated Naval Stores Co., Jacksonville, Fla.
Consolidated Oil Refining Co., gasoline, Boatman's Bank Bldg., St. Louis, Mo.
Consolidated Pacific Cement Plaster Co., Amboy, Cal.
Consolidated Packing & Supply Co., 21 Barclay, New York.
Consolidated Phosphate Co., Columbia, Tenn.
Consolidated Pipe Co., 2440 E. 9th, Los Angeles, Cal.
Consolidated Products Co., machy dlrs, 38 Park Row, New York.
Consolidated Pump Co., extension ladders & pumps, Toledo, O.
Consolidated Ry. Elec. Light'g & Equipt. Co., 61 B'way, New York.
Consolidated Railway & Mill Supply Co., mill & facty. supps., 327 S. La Salle, Chicago, Ill.
Consolidated Rendering Co., bone dlrs., oleo oils, etc., 40 N. Market, Boston, Mass.
Consolidated Rolling Mills & Foundries Co., Inc., 25 Broad, York
Consolidated Rosendale Cement Co., 50 Church, New York.
Consolidated Rubber Co., plumbers' goods, Trenton, N. J.
Consolidated Rubber Tire Co., 200 W. 57th, New York.
Consolidated Safety Pin Co., clips (paper, fountain pen), Bloomfield, N. J.
Consolidated Safety Valve Co., 119 W. 40th, New York.
Consolidated Saw Mills Co., lbr. mfrs., Arcade bldg., St. Louis, Mo.
Consolidated Sheet Metal Works, metal doors, windows, etc., 661 Hubbard, Milwaukee, Wis.
Consolidated Stamp Mfg. Co., 87 Maiden la, New York.
Consolidated Stone Co., Bedford, Ind.
Consolidated Stone & Mining Co., crushed, 307 5th av, Pittsburgh, Pa.
Consolidated Telegraph & Electrical Subway Co., 54 Lafayette, New York.
Consolidated Textile Co., sheeting, 11 Thomas, New York.
Consolidated Time Lock Co., 2268 Spring Grove, Cincinnati, O.
Consolidated Tramway Co., machsts. & fndrs., Roanoke, Va.
Consolidated Utilities Corp., elec. lgt. plants, 730 S. Michigan, Chicago, Ill.
Consolidated Water Power & Paper Co., Grand Rapids, Wis.
Consolidated Wheatland Plaster Co., Caledonia, N. Y.
Consolidated Window Glass Co., see Instate Window Glass Co. (successor).
Consolly, Robert G., architect, 114 N. Montgomery, Trenton, N. J.
Consolva & Overmeyer, contractors, Norfolk, Va.
Constable, Arnold S., architect, Seaboard bldg., Seattle, Wash.
Constable Bros. Co., contractors, Erie, Pa.
Constable, Robt. S., contractor, Youngstown, Ohio.
Constance Lumber Co., Mansfield, Ohio.
Constant, B. S., Mfg. Co., machy. dealers, machsts. & fndrs., grain machy., Bloomington, Ill.
Constant, C. L., Co., metallurgical engrs., 42 New, New York.
Constant, P. J., contractor, 277 B'way, New York.
Constantin Refining Co., petroleum, Tulsa, Okla.
Constantine Board & Paper Co., Constantine, Mich.
Constantine Casket Co., Constantine, Mich.
Constantine Construction Co., 240 Dewey av, Buffalo, N. Y.
Constantine Milling Co., flour, Constantine, Mich.
Constine, Carl, & Son, lbr., Peshtigo, Wis.
Constitution Stone Co., Constitution, Ohio.
Construction Service Co., 15 William, New York.
Consumer Glue Co., 176 Federal, Boston, Mass.
Consumers' Ammonia Mfg. Co., Camden, N. J.
Consumers' Box Board & Paper Co., Lititz, Pa.
Consumers' Box Mfg. Co., packing box mfrs., 925 Halsted, Chicago, Ill.
Consumers' Chemical Corp., 120 B'way, New York.
Consumers' Coal & Supply Co., masons' & bldrs.' matls., Asbury Park, N. J.
Consumers' Coal & Supply Co., masons' & bldrs.' matls., Elkhart, Ind.
Consumers' Cotton Oil Mills, 39 S. La Salle, Chicago, Ill.
Consumers Fuel Co., bituminous coal mine, Chamber of Commerce bldg., Pittsburgh, Pa.
Consumers' Fuel & Building Supply Co., Lima, Ohio.
Consumers Graphite Co., 3033 Doyle Place, Chicago, Ill.
Consumers' Lumber & Veneer Co., Apopka, Fla.
Consumers' Monument Co., Ball Ground, Ga.
Consumers' Power Co., 226 Main, Jackson, Mich.
Consumers' Refining Co., lubricating oils, etc., 76 W. Monroe, Chicago, Ill.
Consumers' Rubber Co., packing mfrs., 829 Superior av, Cleveland, Ohio.
Consumers' Salt Co., Los Angeles, Cal.
Contact Process Co., chemicals, Buffalo, N. Y.
Contentnea Guano Co., Wilson, N. C.
Contessa, Vita, contractor, 311 E. 119th, New York.
Contey, Frank, scrap iron, rubber, 451 Whiton, Jersey City, N. J.
Contey, Frank M., scrap iron, 317 Grand, Jersey City, N. J.
Conti Bros., granite producers, Milford, N. H.
Continental Aircraft Corp., 120 Liberty, New York.
Continental Asbestos Corp., 7 Summer, Worcester, Mass.
Continental Bedding Co., cotton felt mattresses, 86 Beverly, Boston, Mass.
Continental Bolt & Iron Wks., 2225 W. 43d, Chicago, Ill.
Continental Brass & Foundries Co., stoves, 21 S. 4th, St. Louis, Mo.
Continental Brick Co., Arcade bldg., St. Louis, Mo.
Continental Bridge Co., derricks, steel structural work, & contrs., Peotone, Ill.
Continental Can Co., cans & can closing machines, Syracuse, N. Y.
Continental Car Co. of Amer., Louisville, Ky.
Continental Chemical Co., boiler compounds, 119 S. 4th, Philadelphia, Pa.
Continental Co., screens, ventilators, etc., Book bldg., Detroit, Mich.
Continental Condensed Milk Co., Mill Hall, Pa.
Continental Constr. Co., Nat'l. Bank of Commerce Bldg., St. Louis, Mo.
Continental Contracting Co., Kearns Bldg., Salt Lake City, Utah.
Continental Desk Co., Dept. H, Rockford, Ill.
Continental Elec. Co., metal specialties, brass nuts, screws, washers, binding, posts, etc., 1883 Park av, New York.
Continental Felt Co. 66 E. 11th, New York.
Continental Fibre Co., Newark, Del.
See adv index at end of book
Continental Furn. Co., Dept. H, High Point, N. C.
Continental Furn. Mfg. Co., 1636H Bryant, San Fran., Calif.
Continental Gin Co., cotton ginning machy., Birmingham, Ala.
Continental Grate Co., Exchange Bldg., Boston, Mass.
Continental Heater Co., Dunkirk, N. Y.
Continental Iron & Steel Co., 2 Rector, New York.
Continental Iron Works, corrugated furnaces, welded cylinders, pipes, annealing pots, digesters, etc., West & Calyer, Brooklyn, N. Y.
Continental Knitting mills, sweaters, cardigans, etc., 860 Flushing av, Brooklyn, N. Y.
Continental Latch Needle Co., 120 Liberty, New York.
Continental Lbr. Co., Houston, Tex.
Continental Mach. & Fdry Co., grey iron & semi-steel, 175 W. Jackson Blvd., Chicago, Ill.
Continental Mach. Wks., Oakland, Cal.

Continental Metal Co., bearing, 57-61 Richards, Brooklyn, N. Y.
Continental Mfg. Co., disinfectants & furn. polish, Indianapolis, Ind.
Continental Mfg. Co., furniture frames, 585H Weed, Chicago, Ill.
Continental Mfg. Co., glue mfrs., 4611 Girard, Phila., Pa.
Continental Marble & Granite Co., Canton, Ga.
Continental Mexican Petroleum Co., 71 B'way, New York
Continental Mills, cotton sheetings, Lewiston, Me.
Continental Motor Mfg. Co., machsts., Muskegon, Mich.
Continental Oil Co., Denver, Colo.
Continental Paint & Mfg. Co., Cleveland, Ohio.
Continental Paper Bag Co., paper bag mfrs., 18 E 40th, New York.
Continental Paper Co., Bogota, N. J.
Continental Piling & Lumber Co., 112 W. Adams, Chicago, Ill.
CONTINENTAL PIPE MFG. CO., Seattle, Wash.
Continental Piston Ring Co., Memphis, Tenn.
Continental Portland Cement Co., cement mfrs., Arcade bldg., St. Louis, Mo.
Continental Prods. Co., cements, enamels, paints, etc., Quebec av, Cleveland, Ohio.
Continental Refining Co., Oil City, Pa.
Continental Rubber Works, cups, buckets, hose, etc., Erie, Pa.
Continental Sales Display Corp., elec. illuminated signs, 110 W. 40th, New York.
Continental Salt & Chemical Co., 16 California, San Francisco, Cal.
Continental Shipbuilding Corp., 103 Park av, New York.
Continental Steel & Supply Co., jobbers tool steel, 527H Howard, San Francisco, Cal.
Continental Steel & Supply Co., nails, Fulton Bldg., Pittsburgh, Pa.
Continental Sugar Co., Toledo, Ohio.
Continental Supply Co., oil & gas well supplies, 1139 Olive, St. Louis, Mo.
Continental Tie & Lumber Co., Denver, Colo.
Continental Truck Mfg. Co., Superior, Wis.
Continental Varnish Co., Newark, N. J.
Continental Wood Screw Co., saw grinders & screws, New Bedford, Mass.
Continuous Castings Corp. See Continuous Rolling Mills, Inc. (successors)
Continuing Rolling Mills, Inc., brass & copper rods & tubing, Garwood, N. J.
Contoocook Valley Paper Co., West Henniker, N. H.
Contra Costa Construction Co., Berkeley, Cal.
Contra Pole Electric Co. Inc., violet ray app., 1231H Prospect pl, Brooklyn, N. Y.
Contracting & Material Co., 10 S. La Salle, Chicago, Ill.
Contracting & Supply Co., masons' & bldrs.' matls., 816 Olive, St. Louis, Mo.
Contractor (The), trade publication, 87 W. Van Buren, Chicago, Ill
Contractors' Casting & Mach. Co., 743 Hertel av, Buffalo, N. Y.
Contractors' Equipment Co. See Clyde Equipment Co. (successor)
Contractors' Machy. Exchange, 38 Stanford, San Francisco, Cal.
Contractors' Machy. & Supply Co., mills & facty. supplies, Wabash Bldg., Pittsburgh, Pa.
Contractors' Supply Co., masons' & bldrs.' matls., Marion, Ind.
Contractors' Trading Co., contractors' tools & supplies, 232 Fulton, New York.
Contrexeville Mfg. Co., plushes, Manville, R. I.
Conver, S. S., architects, Lansdale, Pa.
Converse Bridge & Steel Corp., Chattanooga, Tenn.
Converse, D. E., Co., cotton sheetings, Glendale, S. C.
Converse, Emil P., contractor, Massillon, Ohio.
Converse, F. S., Co., rotary screens, Johnson City, N. Y.
Converse, H. P., & Co., contractors, 88 Broad, Boston, Mass.
Converse, J. N., architect, 215 W. Commerce, San Antonio, Tex.
Converse, M. E., & Son, toys, games & nov., Winchendon, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Converse, W. W. & Co., metal polish, Palmer, Mass.
Convertible Furn. Co., Dept. H, Louisville, Ky.
Convery, N. J., architect, 22 Central av, Newark, N. J.
Convery's, John P., Sons, masons' & bldrs.' matls., Newburgh, N. Y.
Conveying Weigher Co., 90 West, New York.
Conway Clutch Co., friction clutches, 1956 W 6th, Cincinnati, Ohio.
Conway Cotton Oil & Gin Co., Conway, Ark.
Conway Iron Wks., Conway, S. C.
Conway, John J., Co., shears & scissors, Bridgeport, Conn.
Conway, J. P., machst. & fndr., Winchester, Ky.
Conway, J. W., founder, Hartford, Conn.
Conway, L. Eugene, architect, New London, Conn.
Conway L'br. Co., textile machy., supplies, etc., Conway, N. H.
Conway Lumber Co., Fort Dodge, Ia.
Conway, Martin, contractor, New Brunswick, N. J.
Conway, Merritt C., architect, 211 Furnam, Syracuse, N. Y.
Conway, R. F., Co., contractors, 133 W. Washington, Chicago, Ill.
Conway Stove Co., mfrs., Bellevue, Ohio.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Conway, W. J., architect, 400 Union, Brooklyn, N. Y.
Conway, Wm., brick, 5800 Walnut, Philadelphia, Pa.
Conway, Wm. A., wholesale hdwe., 626 Forrest, Baltimore, Md.
Conway, Wm. H., architect, 104 E. Side sq., Springfield, Ill.
Conwell & Co., ties, poles, etc., Milton, Del.
Conwoy Towboat Co., Covington, Ky.
Conyers Walter P., contr., Glen Ellyn, Ill.
Cook, A. D., machst. & fndr., Lawrenceburg, Ind.
Cook, A. E., & Co., elec. contrs., Meriden, Conn.
Cook, A. J., & Co., masons' & bldrs.' matls., Memphis, Tenn.
Cook, Anderson, Co., masons' & bldrs.' matls., Beaver, Pa.
Cook, Asa S. Co., wood screw making machy. mfrs., Hartford, Conn.
Cook, Barron C., Chemical Mfg. Co., Charlotte, N. C.
Cook Bros. Pottery Co., Gadsden, Ala.
Cook & Brown Lime Co., Oshkosh, Wis.
Cook, C. J., Co., 275 16th, Portland, Ore.
Cook, C. Lee, Mfg. Co., machsts., mtlc. packing, etc., Louisville, Ky.
Cook Cane Mill & Evaporator Co., sugar evap. & mills, 200 N. 2d, St. Louis, Mo.
Cook Car Journal Cooler Co., machsts. & fndrs., Flint, Mich.
Cook Carriage Co., Bloomville, Ohio.
Cook, Chas. K., Co., advtg. novelties, 211-213 S. 2d, Camden, N. J.
Cook & Chick Co., mill & facty. supplies, 18 E. Kinzie, Chicago, Ill.
Cook & Coburn, dowels, West Fairlee, Vt.
Cook & Cokefair, lubrg. oils, 306 Pearl, New York.
Cook & Corswandt, elec. & gas light fixtures, 20 E. Lake, Chicago, Ill.
Cook, E. C., & Bro., contractors' tents, 1312 Arthington, Chicago, Ill.
Cook, Ernest L., common brick, Bridgewater, Mass.
Cook, F. A., & Son, 127 W. 40th, New York.
Cook, F. B., testing clamps, 162 N. Clinton, Chicago, Ill.
Cook, F. D., L'br. Co., Nashua, N. H.
Cook, F. H., & Co., machsts. & fndrs., Leominster, Mass.
Cook, Frank B., Co., telephones, 326 W. Madison, Chicago, Ill.
Cook, Fred, lumber, Dunn, La.
Cook & Genung Co., masons' & bldrs.' matls., 16 Jersey, Newark, N. J.
Cook, Geo., contr., Plattsburg, N. Y.
Cook, H. C., Co., machinists, Ansonia, Conn.
Cook, Harold I., architect, Dun bldg., Buffalo, N. Y.
Cook, H. N., Belting Co., 401 Howard, San Francisco, Cal.
Cook, H. R., cornices & skylights, Wilmington, Del.
Cook Iron Store Co., mill & facty. supplies, Rochester, N. Y.
Cook, J. W., common brick, Poneto, Ind.
Cook, J. W., & Sons, lbr., mason matrls., saw & planing mills, Platea, Pa.
Cook, Jas. M., lbrmen's socks, Somerset, Pa.
Cook, John, & Son, contractors, Brookline, Mass.
Cook, John, & Son, willow ware, 219 N. 10th, Reading, Pa.
Cook, L. D., Co., masons' & bldrs.' matls., Boundbrook, N. J.
Cook & Laurie Gravel Co., Montgomery, Ala.
Cook-Lewis Fdry. Co., Greensboro, N. C.
Cook, M. D. L., contractor, Little Rock, Ark.
Cook Milling Co., flour, Melvane, N. C.
Cook Motor Co., Delaware, Ohio.
Cook, Norman W., architect, 5665 Ridge av, Chicago, Ill.
Cook, O. S., & Sons Co., packing box mfrs., Fitchburg, Mass.
Cook & Parker, whip mfrs., Westfield, Mass.
Cook Pottery Co., insulators, porcelain specialties,, etc., Trenton, N. J.
Cook-Rankin-Wyckoff, architects, 112 W. 9th, Los Angeles, Cal.
Cook & Ripley, contractors, Schenectady, N. Y.
Cook, Robt. Allen, architect, Milford, Mass.
Cook, Simon Co., scrap iron, Wabash, Ind.
Cook & Smith, sash, door & blind mfrs., Redwood, N. Y.
Cook Spring Co., 420 E. 106th, New York.
Cook Standard Tool Co., cattle guards, Kalamazoo, Mich.
COOK & SWAN CO., INC., animal, fish & vegetable oils, 148 Front, New York. *See adv. index at end of book.*
Cook Tie & Pole Co., railroad ties, poles & cross arms, Commercial Trust bldg, Philadelphia, Pa.
Cook, Thos. W. G., presses, 83 Walker, New York.
Cook, Walter, architect, 3 W. 29th, New York.
Cook-Watkins & Co., granite producers, 223 Columbus av, Boston, Mass.
Cook, Wm. F., Supply Co., stone prod., 184 State, Springfield, Mass.
Cook, Wm. H., contrs., Rockford, Ill.
Cook, Wm. P., & Co., ties, Jacksonville, Fla.
Cooke, F. E., mason's & bldrs'. matls., Fredonia, N. Y.
Cooke, J. P., Co., stamps—rubber, steel—Omaha, Neb.
Cooke, Jno. K., & Son, Inc., steel structural work, Athenia, N. J.
Cooke, Jos. S., electroplating, 20 Jacob, New York.
Cooke-Wilson Co., elec. mine supplies, 220 Penn, Pittsburgh, Pa.
Cookeville Roller Mills, flour, Cookeville, Tenn.
Cook's, A., Sons Co., lumber, Cooksburg, Pa.
Cook's, Adam, Sons, lubrg. oils, 708 Washington, New York.
Cooks' Linoleum Co., Trenton, N. J.
Cook's Lbr. Co., Laconia, N. H.
Cookson, Walker & Callahan, naval architects & ship bldrs., San Pedro, Cal.
Cool Spring Canning Co., Cool Spring, Del.
Coolbaugh, C. C. & Son Co., sash, door & blind mfrs., 19th & Cambria, Phila., Pa.
Cooledge, F. J., & Sons, enamels, paints, Atlanta, Ga.
Cooley, A. E., & Co., steam fitters' supplies, Canandaigua, N. Y.
Cooley Bros. Lbr. Co., Mize, Miss.
Cooley, C. D., architect, Jones Law bldg, Pittsburgh, Pa.
Cooley, C. F., masons' & bldrs. matls., Madison, Wis.
Cooley Mfg. Co., carpet beaters, 551 W. Monroe, Chicago, Ill.
Cooley Mfg. Co., cheese boxes, West Bend, Wis.
Cooley Mfg. Co., packing mfrs., 98 Park pl, New York.
Cooley & Son, masons' & bldrs. matls., Montrose, Pa.
Cooley & Trevor Mfg. Co., machsts., Hartford, Conn.
Cooley Wright Mfg. Co., machsts. & fndrs., gas engines, Waterbury, Vt.
Coolidge & Carlson, architects, 89 State, Boston, Mass.
Coolidge Carriage Co., Woodville, Mass.
Coolidge & Hodgdon, architects, 134 S. La Salle, Chicago, Ill.
Coolidge, L. H., Co., naval architects, Seattle, Wash.
Coolidge, Roger E., mill engineer, Southbridge, Mass.
Coolidge & Schussler, lumber, Metropolitan Life Bldg., Minneapolis, Minn.
Coolidge & Shattuck, architects, Ames Bldg., Boston, Mass.
Cooling Carriage Co., Wilmington, Del.
Cooling Tower Co., 15 John, New York.
Coolridge, Chas. A., architect, 134 S. La Salle, Chicago, Ill.
Coombs, Harry S., architect, Lewiston, Me.
Coombs, R. D., & Co., steel struct'd work, 30 Church, New York
Coombs, Wm. A., Milling Co., flour, Coldwater, Mich.
Coomer & Small Co., contractors, Sioux City, Ia.
Cooney-Dunn Co., mill & facty. supplies, 72 Grand, New York.
Cooney Eckstein & Co., lbr., 302H B'way, New York.
Cooney, John H., heating contractor, Harrison, N. J.
Cooney & Smith, mattresses, Saginaw, Mich.
Coonley Mfg. Co., machsts. & fndrs., Cicero, Ill.
Cooper, A. A., Wagon & Buggy Co., Dubuque, Iowa.
Cooper, A. P., architect, Uniontown, Pa.
Cooper, A. & W., masons' & bldrs. matls., 1318 Gratiot av, Detroit, Mich.
Cooper, B., & Son, coppersmiths, 923 E. Baltimore, Baltimore, Md.
Cooper & Beckbissinger, architects, Saginaw, Mich.
Cooper-Bell Varnish Co., 2606 Federal, Chicago, Ill.
Cooper Brick Co., Akron, Ohio.

Cooper Bros., machsts. & fndrs., Cortland, N. Y.
Cooper, C. & G., Co., machinists, Mount Vernon, Ohio.
Cooper, C. M., ties, poles & posts, Paintsville, Ky.
Cooper, Chas., & Co., chemicals, 194 Worth, New York.
Cooper, Chas. (Est. of), knitting & textile machs., etc., Bennington, Vt.
Cooper, Chas. S., contractor, 20 Clinton av, Newark, N. J.
Cooper & Co., masons' & bldrs. matls., Belfast, Me.
Cooper & Cooper, chemicals, 23 Cliff, New York
Cooper, Dyer, machst., 615 N. Galloway, Philadelphia, Pa.
Cooper, E. B., contractor, Lumber Exch., Minneapolis, Minn.
Cooper, E. C., ties, Wilton, Ark.
Cooper, E. N., & Co., machst. & fndr., Harrisburg, Pa.
Cooper, F. A., architect, Conn. Nat'l Bk. Bldg., Bridgeport, Conn.
Cooper Flexible Transmission Co., Inc., universal joints, 8th av & 18th, Brooklyn, N. Y.
Cooper Foundry, Atchison, Kan.
Cooper, Francis W., architect, Pueblo, Colo.
Cooper, Frank Irving, Corp., architects, 33 Cornhill, Boston, Mass.
Cooper, Frank N., contractor, Penobscot bldg., Detroit, Mich.
Cooper, Geo. R., lbr., St. Regis, Mont.
Cooper, George S., architect, 1313 G, N. W., Washington, D. C.
Cooper, Geo. W., shingle stains, Denver, Colo.
Cooper, Gustave A., architect, 75 Whitestone, Flushing, N. Y.
Cooper, H. W., Saddlery Hardware Mfg. Co., Moline, Ill.
Cooper, Harry, Supply Co., plumbers', jobbers' & steam fitters' supplies, Springfield, Mo.
Cooper Heater Co., Carlisle, Pa.
Cooper Hewitt Electric Co., electric lamps for illumination of industrial plants & for photography, Hoboken, N. J.
Cooper, Hugh L., & Co., contractors, 101 Park av, New York.
Cooper, J. J., contractor, Andrus Bldg., Minneapolis, Minn.
Cooper, Jas. E., architect, District Nat'l Bank, Washington, D. C.
Cooper, Jno., cupola linings, 111 Clay, Brooklyn, N. Y.
Cooper, John S., & Co., canned goods, Columbia, Del.
Cooper Lumber Co., Columbus, Ga.
Cooper & McKee, refrigerators & water coolers, 119 Lorimer, Brooklyn, N. Y.
Cooper Madison Co., refrigeration engrs., Calcium, N. Y.
Cooper Mfg. Co., auto accessories, Marshalltown, Ia.
Cooper, Mark P., masons' & bldrs. matls., Christiana, Pa.
Cooper, Otway, halters & wholesale hdwe., Urbana, Ohio.
Cooper Oven Thermometer Co., oven thermometers & enamel dials, Pequabuck, Conn.
Cooper, P. B., architect, Annapolis, Md.
Cooper Sanitary Mfg. Co., cocks, plumbers' supplies, regulators, valves, etc., 34th & Chestnut, Philadelphia, Pa.
Cooper Spring Co., Leader-News Bldg., Cleveland, Ohio.
Cooper Union, engng. school & coll., Cooper sq, New York.
Cooper, W. J., architect, Boston Bldg., Salt Lake City, Utah.
Cooper, W. S., & Co., contractors, Toronto, Ohio.
Cooper, Wells & Co., lumbermen's socks, St. Joseph, Mich.
Cooper, Wm. J., & Co., sashes, doors & blinds, Camden, N. J.
Co-operative Concrete Constr. Co., molds, Oskaloosa, Ia.
Co-operative Electrical Supply Co., 314 So. Canal, Chicago, Ill.
Co-operative Engng. Co., 50 Church, New York.
Co-operative Enterprise Glass Co., lamp chimneys, North Vernon, Ind.
Co-operative Fertilizer Co., Braselton, Ga.
Co-operative File Co., Lawrence, Mass.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Co-operative Foundry Co., sewer manhole steps, 207 Junction av, Detroit, Mich.
Co-Operative Foundry Co., stoves, ranges & furnaces, Rochester, N. Y. *See adv. index at end of book.*
Co-operative Furniture Co., book-cases, Rockford, Ill.
Co-operative Machy. Co., mill & facty. supplies, 1227 W. 9th, Cleveland, Ohio.
Co-Operative Overall Co., 819 Chestnut, Chattanooga, Tenn.
Co-operative Plate Window Glass Co., 5914 S. Racine av., Chicago, Ill.
Co-operative Stove Co., Bloomington, Ill.
Co-operative Tin Shop, cornices & skylights, Lafayette, Ind.
Coopers Creek Chem. Co., toluol & loylol, W. Conshohocken, Pa.
Cooper's, Peter, Glue Factory, Gowanda, N. Y.
Coopersburg Bending Wks., carriage bodies, Coopersburg, Pa.
Coopersburg Casket Co., Coopersburg, Pa.
Coors Porcelain Co., beakers, casseroles & crucibles, Dept. H, Golden, Colo.
Coos Bay Iron Works, Marshfield, Ore.
Coos Bay Lumber Co., Oakland, Cal.
Coosa Pipe & Fdry. Co., Gadsden, Ala.
Coosa Portland Cement Co., N. Stock Exch. Bldg., Phila., Pa.
Coosa River Fertilizer Co., Wetumpka, Ala.
Coote, Arthur W., architect, 101 Park av, New York
Copalis Lbr. Co., Carlisle, Wash.
Cope, Hy., & Co., fertilizer mfrs., Lincoln University, Pa.
Cope, L. Lynden, architect, Oswego, N. Y.
Cope, L. N., & Son, contractors, Decatur, Ill.
Cope Pattern Works, 41 McDougall, Detroit, Mich.
Cope, T. J., manhole covers, underground tools & equipments, 1620 Chancellor, Philadelphia, Pa.
Copeland Bros. Realty Co., lbr., Tuscaloosa, Ala.
Copeland, G. T., corn poppers, Gloversville, N. Y.
Copeland, H. L., architect, Walla Walla, Wash.
Copeland, Hugh, & Sons, stone producers, Washington & 24th, Philadelphia, Pa.
Copeland-Inglis Shale Brick Co., Birmingham, Ala.
Copeland, J. F., cornices & skylights, Hampton, Va.
Copeman Electric Stove Co., Flint, Mich.
Copenhaver & Maloy, carriages, Denver, Colo.
Coplay Cement Mfg. Co., Copley, Pa.
Copley Bros., cornices & skylights, Riverside, Cal.
Copp, C. W., masons' & bldrs.' matls., James, Flushing, N. Y.
Copp, Geo. W., Co., Inc., curtain fasteners & auto tops, 557 W. 54th, New York.
Coppage Printing & Loose Leaf Co., Inc., 41 Rose, New York
Coppala Ra Faielo, architect, Pennyfield av, New York.
Copper Clad Malleable Range Co., Wainright bldg., St. Louis, Mo.
Coppersmith, J. M., machinist, Rockford, Ohio.
Coppes Bros. & Zook, cabinets, Nappanee, Ind.
Coppes, John, architect, Kaukauna, Wis.
Coppock-Warner Lbr. Co., Land Title Bldg., Philadelphia, Pa.
Coppola, D., landscape architect, Echester rd & Pelham Parkway, New York
Copps Bros., bldg. contractors, Madison, Wis.
Coppus Engineering & Equipment Co., turbo blowers, turbo boiler-feed pumps & steam turbines, Worcester, Mass.
Coquard, Leon, architect, 1247 First, Detroit, Mich.
Coral Concrete Culv. Mfg. Co., Coral, Mich.
Coral Ridge Clay Products Co., brick & tile, Inter-Southern bldg, Louisville, Ky.
Corbaley, Chas. W., Co., contractors, H. W. Hellman Bldg., Los Angeles, Cal.
Corbett & Co., clothes dryers, flag poles, ladders, etc., 429 E. 109th, New York.
Corbett, Edw. M., architect, 70 Bedford, Fall River, Mass.
Corbett Ella M., architect, Hayden bldg., Columbus, Ohio
Corbett, F. A., contractor, 148 Sutherland rd, Boston, Mass.
Corbett, Geo. E., & Co., boilers, 1336 Cortland, Chicago, Ill.
Corbett, Geo. W., contractor, 409 10th, N. W., Washington, D. C.
Corbett, J. Knox, Lumber Co., Tucson, Ariz.
Corbett, Lawrence, architect, 129 Weld, Rochester, N. Y.
Corbett Lumber Co., Moultrie, Ga.
Corbett, M. J., & Co., bronze powders, 24 State, New York.
Corbett, M. J., & Co., wood acids & alcohol, Binghamton, N. Y.
Corbett Mill Co., lumber, Anacortes, Wash.
Corbett & Rohe, mill & facty. supplies, Greensburg, Ind.
Corbett-Steeves Pattern Works, Rochester, N. Y.
Corbett & Stuart, wood acids, Binghamton, N. Y.
Corbett, T. R., & Sons, contractors, Woburn, Mass.
Corbett, Wm. H. See Corbett Planing Mill Co. (successors)
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin Disinfecting Co., Front & Walnut, Philadelphia, Pa.
Corbin, E. M., architect, Putnam, Conn.
Corbin & Guion, machsts., 310 S. Desplaines, Chicago, Ill.
Corbin, P. & F., bldrs. hdwe., New Britain, Conn.
Corbin, P. & F., hdwe., 101 Park av, New York.
Corbin Screw Corp., screws of every description and automatic screw machine products mfrs., New Britain, Conn.
Corbin Supply Co., mill & factory supplies & tools, Macon, Ga.
Corbin, W. S., masons' & bldrs. matls., Gouverneur, N. Y.
Corbitt Buggy Co., Henderson, N. C.
Corbitt Motor Truck Co., Henderson, N. C.
Corbusier, J. W. C., architect, Lennox Bldg., Cleveland, Ohio.
Corby Co., alcohols, Washington, D. C.
Corcoran, A. J., Inc., machsts. & fdrs., tanks, towers, windmills, etc., 745 Jersey av, Jersey City, N. J.
See adv index at end of book
Corcoran Constr. Co., West Chester, Pa.
Corcoran, J. G., Co., contractors, 4 Smithfield, Pittsburgh, Pa.
Corcoran Mfg. Co., automobile parts, Norwood, Cincinnati, O.
Corcoran Matt & Co., coppersmiths, Louisville, Ky.
Corcoran, P., & Son, packing box mfrs., D., S. Boston, Mass.
Corcoran Supply Co., plumbers', steam & gas fitters' supplies, jobbers, Brockton, Mass.
Corcoran-Victor Co., automobile lamps, etc., Cincinnati, O.
Cord Tire Corp., Chester, W. Va.
Cordage Trade Journal, 81 Fulton, New York.
Cordaville Woolen Co., Cordaville, Mass.
Corddry Co., Inc., sash, door & blind mfrs., Snow Hill, Md.
Cordele Sash, Door & Lumber Co., Cordele, Ga.
Cordes, Ayrault & Co., asphalt shingles, Tonawanda, New York.
Cordes, F. H., Bldg. Co., Union Trust Bldg., Cincinnati, Ohio.
Cordes, H. W., architect, Union Trust Bldg., Cincinnati, Ohio.
Cordes, L. H., & Co., common brick, Watertown, Wis.
Cordesman-Rechtin Co., dado & wood working machy., Butler, Cincinnati, Ohio.
Cordia Tie & Lbr. Co., Potosi, Mo.
Cordingley, W. S., & Son, cotton waste, 229 A. S., Boston, Mass.
Cordis Mills, tickings, Millbury, Mass.
Cordley & Hayes, paper fibre products, 7 Leonard, New York.
Cordner, J. G., architect, Bankers' Life Bldg., Lincoln, Neb.
Cordon, P. H., cooperage stock, 115 B'way, New York.
Cordova Leather Co., 176 Madison av, New York.
Core, W. T., dry docks, Norfolk, Va.
Corey, E., & Co., wholesale hdwe., mill & facty. supplies, 195 Commercial, Portland, Me.
Corey Mach. Co., machsts., Gloversville, N. Y.
Corey-Taylor Constr. Co., Ogden, Utah.
Corey, Wm., Co., textile machy., supplies, etc., Manchester, N. H.
Corinth Machy. Co., Corinth, Miss.
Cork Insert Co., cork insert frictions & tensions, pulleys, brake & clutch facings, 164 Federal, Boston, Mass.
Cork Insulation Co., Jersey City, N. J.
Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.
Cork & Zicha Marble Co., 813 Vernon av, L. I. City, N. Y.
Corken Machy. & Supply Co., mill & facty. supplies, Okla. City, Okla.
Corkery, Jno. J., stone producers, Yonkers, N. Y.
Corkey Bros. Logging Co., lumber, Hoquiam, Wash.
Corkran, Hill & Co., meat packers, Union Stock Yards, Baltimore, Md.
Corlett, W. W., oil & gas well supplies, Knox, Pa.
Corley, J. P., Lumber Co., Manchester, Ga.
Corley Mfg. Co., saw teeth, Chattanooga, Tenn.
Corliss, C. R., & Sons, oiled clothing, Gloucester, Mass.
Corliss Carbon Co., carbon brushes, Bradford, Pa.
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Corliss, J., Supply Co., manufacturers agents, 1906 Olive, St. Louis, Mo.
Corliss Mfg. & Supply Co., boiler compounds, belt cements, shoe stains, etc., 1906 Olive, St. Louis, Mo.
Corliss Motor Truck Co., Corliss, Wis.
Corn Belt Tractor Co., traction engines, 2701 Univ. av, S. E., Minneapolis, Minn.
Corn Products Refining Co., food products, 17 Battery pl, New York.
Corneby, F. G., sash, door & blind mfrs., Athens, Pa.
Cornelius, A. B., architect, Lumber Exchange bldg., Seattle, Wash.
Cornelius, A. W., architect, Merchants National Bank Bldg., San Francisco, Cal.
Cornelius, Chas. O., archt., 100 E. 17th, New York.
Cornelius, Henry D., Co., contractors, 3014 Calvelage, Indianapolis, Ind.
Cornelius Mill Furnishing Co., 1119 N. 6th, St. Louis, Mo.
Cornelius, T. Ed., architect, House Bldg., Pittsburgh, Pa.
Cornell Bros., contractors, Tacoma, Wash.
Cornell, Chas. J., glass stainers, 345 W. B'way, New York.
Cornell College, engng. school & coll., Mount Vernon, Ia.
Cornell, D. B. Co., medicines, Gt. Barrington, Mass.
Cornell, Frank T., architect, Grand Central Term., New York.
Cornell Iron Works, iron works, 26th & 11th av, New York.
Cornell, J. N. H., contractor, 29 B'way, New York.

Cornell, J. S., & Son, contractors, 1412 Morris bldg., Phila., Pa.
Cornell, Jos. H., architect, Mott av, Far Rockaway, N. Y.
Cornell Lumber Co., Pleasantville, N. Y.
Cornell-Searl Co., oil well & plumbers' supplies, Lincoln, Neb.
Cornell & Underhill, plumbers, mill & steam fitters' supplies, iron pipe jobbers, Greenwich & Spring, New York.
Cornell University, engng. school & coll., Ithaca, N. Y.
Cornell, W. G., & Co., heating contrs., 45 E. 17th, New York.
Cornell Wood Products Co., wall boards, 190 N. State, Chicago, Ill.
Cornell-Young Co., contractors, Macon, Ga.
Corner, Jas., & Sons, pine tar, E. Falls av & Fawn, Baltimore, Md.
Cornfoot, Wm., mach. & gdr., 28 Abina av, Portland, Ore.
Cornie Stave Co., lumber, Junction City, Ark.
Corning, Arthur W., lubrg. oils, 251 Front, New York.
Corning Building Co., Corning, N. Y.
Corning, Burt W., architect, Schofield Bldg., Cleveland, O.
Corning & Co., denatured alcohol, Peoria, Ill.
Corning, Edward, Co., contractors, Vanderbilt av & 45th, New York.
Corning Fdry., Inc., grey iron castings, Corning, N. Y.
Corning Glass Wks., Corning, N. Y.
Corning Mfg. Co., stove mfrs., Corning, N. Y.
Cornish, Alfred, & Co., harness, saddles, etc., Omaha, Neb.
Cornish Co., pianos, Washington, N. J.
Cornish, E. P., mill & facty. supplies, Manchester, N. H.
Corno Mills Co., flour, feed & oatmeal, International Life Bldg., St. Louis, Mo.
Cornplanter Lubrg. & Oil Co., Ft. Drake, St. Paul, Minn.
Cornplanter Refining Division, Warren, Pa.
Corns Conveying Belt Co., 53 W. Jackson blvd., Chicago, Ill.
Cornwall, E. & Co., see Fort Pitt Steel & Iron Wks., (successor).
Cornwall, J., & Sons, flour mills, Cadillac, Mich.
Cornwall Mfg. Co., sheet metal stampings & gasolene tanks, Penobscot av, Cleveland, O.
Cornwall Ore Bank Co., Cornwall, Pa.
Cornwall & Patterson Co., screw mach. prod., Bridgeport, Conn.
Cornwell Co., meat packers, Saginaw, Mich.
Cornwell, Fay D., architect, Indiana Harbor, Ind.
Cornwell, Lewis (Est. of), lbr. mfrs., Saginaw, Mich.
Corol Co., rust preventive, 127 No. Dearborn, Chicago, Ill.
Corona Chemical Co., color mfrs, etc., 213 Lake, Milwaukee, Wis.
Corona Coal Co., Birmingham, Ala.
Corona Cut Glass Co., Toledo, Ohio.
Corona Rubber Mfg. Co., golf balls, reclaimed rubber, etc., 400 E. Rittenhouse, Phila., Pa.
Corona Rubber Reclaiming Co., Germantown, Pa.
Corona Supply Co., carbon paper, etc., Rochester, N. Y.
Corona Typewriter Co., Groton, N. Y.
Coronaca Oil Mill, meal, Coronaca, S. C.
Coronet Phosphate Co., 99 John, New York.
Coronum Equipt. Co., valves, couplings, 89 Fulton, New York.
Corpus Christi Hdwe Co., Corpus Christi, Texas
Corr, Peter H., cotton waste, Taunton, Mass.
Corralline Drug & Chemical Co., 465 Greenwich, New York.
Correll, R. S., masons' & bldrs.' matls. & mill & facty. supplies, Pen Argyl, Pa.
Corrick Bros., contractors, Owen bldg., Detroit, Mich.
Corrigan & John, masons' & bldrs.' matls., Clyde, N. Y.
Corrigan, McKinney & Co., pig iron & coke dlrs., Cleveland, O.
Corrington, Wm. E., brick, Moweaqua, Ill.
Corr. Bar Co., concrete reinforcement, Boatman's Bank Bldg., St. Louis, Mo.
Corr. Bar Co., concrete steel construction, reinforcing materials, Mutual Life Bldg., Buffalo, N. Y.
Corr. Container Corp., corrugated paper boxes, etc., 520 Dublin av, Columbus, Ohio.
Corr. Culvert Co., Moberly, Mo.
Corr. Paper Co., Norfolk, Va.
Corr. Paper Products Co., 221 W. 26th, New York.
Corry Art Stone Co., cement bldg. tile, Corry, Pa.
Corry Bed Spring Co., Corry, Pa.
Corry Brick & Tile Co., Corry, Pa.
Corry Fibre Furn. Co., Dept. H, Corry, Pa.
Corry Metal Products Co., medicine cabinets, Corry, Pa.
Corry Pail Co., Corry, Pa.
Corry Steam Boiler Wks., Corry, Pa.
Corry Wrench Co., Corry, Pa.
Corse, Henry Jr., architect, 2 W. 47th, New York.
Corse, Montgomery, lumber, Jacksonville, Fla.
Corsett, L. E., contractor, Olean, N. Y.
Corsicana Brick Co., Corsicana, Tex.
Corsicana Cotton Mills, Corsicana, Tex.
Corskie, J. P., & Son, granite, Barre, Vt.
Corson, G. & W. H., lime mfrs., Plymouth Meeting, Pa.
Corson, Geo. W., & Sons, contractors, 210 E. 89th, New York.
Corson, Leander S., contractor, Ocean City, N. J.
Corthaus, A. C., Spec. Co. advtg, spec., 81 Michigan, Milwaukee, Wis.
Cortino Ross, contr., Melrose, Ill.
Cortland Cabinet Co., furniture, Dept. H, Cortland, N. Y.
Cortland Cart & Carriage Co., Sidney, N. Y.
Cortland Fdry. & Mach. Co., Cortland, N. Y.
Cortland Line Co., Inc., fish lines, Cortland, N. Y.
Cortland Specialty Co., bicycle oils, paints, soaps, etc., Cortland, N. Y.
Cortland Steel Tube Co., Dept. H, Cortland, Ohio.
Cortland Welding Compound Co., flux-oxy-acetylene welding, Cortland, N. Y.
Cortright Coal Co., Phila., Pa.
Cortright Metal Roofing Co., metallic shingles, 50 W. 23rd, Philadelphia, Pa.
Corvallis Lbr. Mfg. Co., Corvallis, Ore.
Corwin & Vail Lumber Co., Riverhead, N. Y.
Cory, Chas., & Son, brass finishers & fndrs, 290 Hudson, New York.
Cory, Herbert H., mill & facty. supplies, Norfolk, Va.
Cory-Patterson Mfg. Co., life-saving nets, Greenfield, Ohio.
Cory Shingle Co., Sedro Wooley, Wash.
Corydon Lumber Co., Corydon, Ia.
Corydon Milling Co., flour, Corydon, Ky.
Coryell, B. H., contractor, Williamsport, Pa.
Coryville Chemical Co., acetate of lime, alcohol, etc., Bradford, Pa.
Cosby, Clarence, scrap iron & steel, Richmond, Va.
Cosby, Overton, M., sash, door & blind, Washington, Ind.
Cosden & Co., petroleum & its products, Tulsa, Okla.

Coshocton Art Leather Co., Coshocton, Ohio.
Coshocton Brick Co., Coshocton, Ohio.
Coshocton Glass Co., bottles, Coshocton, Ohio.
Coshocton Iron Co., mchsts. & fndrs., Monongahela, Pa.
Coshocton Specialty Co., advertising, Coshocton, Ohio.
Coshocton Straw Paper Co., Coshocton, Ohio.
Cosmic Aniline Works, Inc., malachite green, 8 W. B'way, New York.
Cosmo Buttermilk Soap Co., Upper Sandusky, Ohio.
Costello, D. J., Co., contractor, North Andover, Mass.
Costello, John F., contractor, Spokane, Wash.
Costello, J. S., & Son Brush Co., brushes, 1108 Pine, St. Louis, Mo.
Costen, Moore & Co., brick common, McKenzie, Tenn.
Coster, August, contractor, Norfolk, Va.
Costigan, Lawrence, stone prod., Church la & Baynton, Gtn., Philadelphia, Pa.
Costmeter Co., mfrs. costmeters & installers of cost systems, 1000 Washington, Boston, Mass.
Coston Signal Co., 24 Water, New York.
Coston, W. L., contr., Bessemer, Ala.
Cote Piano Mfg. Co., Fall River, Mass.
Cothran, Thos. W., architect, Greenwood, S. C.
Coto-Col Co., armature & field coil winding mach., Auburn, Providence, R. I.
Cotta Transmission Co., transmission & gears for motor trucks & tractors, Rockford, Ill.
Cottage Building Co., sash, door & blind mfrs., Evansville, Ind.
Cottage Grove Mfg. Co., lumber mfrs., 3912 Langley av, Chicago, Ill.
Cottage Planing Mill Co., masons' & bldrs.' matls., Everett, Pa.
Cottageville Milling Co., flour, Cottageville, W. Va.
Cott-a-Lap Co., burlap, size & wall paper, Somerville, N. J.
Cotten Bros. Cypress Co., Ltd., Morgan City, La.
Cotter, E. J., stone producers, Hancock, N. Y.
Cotter, G. F., Supply Co., mill & facty. supplies, Houston, Tex.
Cotter, Jere., & Son, contractors, West Newton, Mass.
Cotter, T., contractor, 2364 Tiebout av, New York.
Cotter Transfer & Storage Co., Mansfield, Ohio.
Cotteral Bldg. Co., Blymyer Bldg., Cincinnati, Ohio.
Cottier, Chas., & Son, gold leaf, 65 Nassau, New York.
Cottingham, J. C., & Sons Co., tackle blocks, 118 N. Delaware av, Phila., Pa.
Cotto Waxo Co., sweeping compounds, 1308 N. Main, St. Louis, Mo.
Cotton Belt Lumber Co., Bearden, Ark.
Cotton & Co., Inc., architect, Call bldg, San Francisco, Cal.
Cotton, H. W., landscape architect, 406 Centre, Newbury, Mass.
Cotton, Lemuel, & Son, wood handles, Hiram, Me.
Cotton Manual Publishing Co., Atlanta, Ga.
Cotton Oil Co., meal, Bamberg, S. C.
Cotton Oil & Ginning Co., Scotland Neck, N. C.
Cotton States Belting & Supply Co., Atlanta, Ga.
Cotton States Seed & Fertilizer Co., Macon, Ga.
Cotton, Wm. E., & Co., cornices, 1600 Hartford av, Baltimore, Md.
Cottonwood Milling & Elevator Co., flour, Cottonwood, Idaho.
Cottrell, A. F., architect, Asbury Park, N. J.
Cottrell, C. B., & Sons Co., machsts. & fndrs., bag printing machy., Westerly, R. I.
Cottrell, J. T., Co., masons' & bldrs.' matls., Pawtucket, R. I.
Cottrell Saddlery Co., Richmond, Va.
Cottrell, W. Liance, architect, 200 5th av, New York
Couch, A. M., cornices, 236 S. Euclid av, Dayton, Ohio.
Couch Automatic Telephone Co., 150 Nassau, New York.
Couch Bros. Mfg. Co., sweat pads, Atlanta, Ga.
Couch Cotton Mills, Inc., cotton duck, Atlanta, Ga.
Couch & Heyle, mill & fcty. supplies, Peoria, Ill.
Couch Mills Co., cotton duck, Atlanta, Ga.
Couch, S. H., Co., annunciators & telephones, Quincy, Mass.
Couch, Wm., contractor, Main, Long Island City, N. Y.
Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.
Coughenour, E. C., Co., tubular boilers, Huntington, W. Va.
Coughlan, Jas. J., contractor, Carney Bldg., Boston, Mass.
Coughlan, John P., contractor, 1822 Main, Kansas City, Mo.
Coughlan, T. R., Co., lime mfrs., stone producers, Mankato, Minn.
Coughlen, Gardner C., architect, 127 N. Dearborn, Chicago, Ill.
Coulbourne & Parsons, canned goods, Marion Station, Md.
Coulson, Fred'k, architect, 405 Main, Worcester, Mass.
Coulson, J. W., & Bro., contractors, Hanover, Pa.
Coulston, J. W. Co., see Reichard Coulston Co., (successors).
Coulston, Brundage & Co., rural mail boxes, La Harpe, Ill.
Coulston, J. W., & Co., color mfrs. & imptrs., 80 Maiden la, New York.
Coulston, Wm. R., & Co., contractors, 2041 E. Charleston, Philadelphia, Pa.
Coulter, D. R., Lbr. Co., Avinger, Texas.
Coulter, D., & Son, masons' & bldrs.' matls., Andover, Ohio.
Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Coulter Mfg. Co., shoe lasts, 325 Arch, Phila., Pa.
Coulter, Norman R., architect, 46 Kearney, San Francisco, Cal.
Coulter's Rattan Wrks., children's carriages, 1141 Sutter, San Francisco, Cal.
Council Bluffs Concrete Co., contr., Council Bluffs, Ia.
Council Tool Co., Wanamish, N. C.
Counts, J. C. & Sons, grain cradles, Prosperity, S. C.
Coupe, Wm., Co., Ltd., textile machy., supplies, etc., South Attleboro, Mass.
Coupeville Lbr. Co., Coupeville, Wash.
Couple Gear Feight Wheel Co., auto. etc., Grand Rapids, Mich.
Courbat, Geo. A., sash, door & blind mfrs., Mallory, N. Y.
Courchesne, A., masons' & bldrs.' matls., El Paso, Tex.
Courland, Maurice, architect, 47 W. 34th, New York.
Courtade, Jos. N., & Sons, piano cases, 516 W. 24th, New York.
Courtenay Mfg. Co., cotton sheetings, Newry, S. C.
Courtman, Walter F., archl. iron, West Hoboken, N. J.
Courtney Co., masons' & bldrs.' matls., Charlston, W. Va.
Courtney, D. S., Co., tex. machy., supplies (bobbins), Chicopee, Mass.
Courtney Fire Brick Co., Monongahela, Pa.
Courtney, W. J., canned goods, Mundy Point, Va.
Courtral Mfg. Co., airplane fabrics, 115 Franklin, New York.
Courval & Co., lumber mfrs., Essexville, Mich.
Couse & Bolten, belting mfrs., 44 Lafayette, Newark, N. J.
Cousens & Pratt, yacht sails, Neponset, Boston, Mass.
Cousins, H. A., Co., artificial marble, 524 W. 25th, New York.
Cousins, J. D., & Son Boiler Wks., 326 Hopkins, Buffalo, N. Y.
Coutant, A. K., sash, door & blind mfrs., Kingston, N. Y.

Coutts, Thos., Co., contractor, stone producers, 3324 Smallman, Pittsburgh, Pa.
Couture Sales Promoting Service, Manchester bldg., Portland, Ore.
Covel Machine Co., Fall River, Mass.
Covel Mfg. Co., saw sharpening machines, trucks, Benton Harbor, Mich.
Covel & Osborn Co., mill & facty. supplies, Fall River, Mass.
Covell, Lyman T., lumber, Whitehall, Mich.
Covell, W., International Leather Belting Co., 412 So. 45th, Phila., Pa.
Cover, Peter J., & Son, wholesale hardware, Meyersdale, Pa.
Covert, H. W., Co., coal chutes, etc.,, 137 E. 46th, New York
Covert Mfg. Co., saddlery hardware, Troy, N. Y.
Covert Motor Vehicle Co., auto axles, Lockport, N. Y.
Covert Saddlery Wks., Interlaken, N. Y.
Covert & Stewart, masons' & bldrs.' matls., Sharpsville, Pa.
Covey Durham Co., charcoal, 431 S. Dearborn, Chicago, Ill.
Covington Arch'l Iron Works, Covington, Ky.
Covington Brick Co., Covington, Va.
Covington Machine Co., Covington, Va.
Covington Milling Co., flour, Covington, Tenn.
Covington Mills, shade cloth, Covington, Ga.
Covington, W. H., Co., turpentine, Belle Isle, Fla.
Covington Woolen Mills, Covington, Ohio.
Cowan, Andrew, & Co., belting mfrs., mill & factory & steam fitters' supplies, etc., 421 W. Main, Louisville, Ky.
Cowan Building Co., 106 W. Madison, Baltimore, Md.
Cowan, Edw., cornices, 175 Larned W., Detroit, Mich.
Cowan, Jos. S., contractor, 419 4th av, Pittsburgh, Pa.
Cowan Mfg. Co., closet seats, Fulton Bldg., Pittsburgh, Pa.
Cowan Truck Co., Holyoke, Mass.
Cowanshannock Coal & Coke Co., bituminous, Punxsutawney, Pa.
Cowden Brick & Tile Co., Lancaster, Ohio.
Cowden & Co., masons' & bldrs.' matls., Harrisburg, Pa.
Cowdery Coal Co., masons' & bldrs.' matls., Geneva Ohio.
Cowdrey, C. H., Machine Wks., builders of special machinery, Fitchburg, Mass.
Cowdrick, Wm. J. S., contractor, Niagara Falls, N. Y.
Cowe, Wm., architect, 1420 Humboldt, Denver, Colo.
Coweeman Driving & Rafting Co., lumber, Kelso, Wash.
Cowell, Arthur W., landscape architect, State College, Pa.
Cowell & Bedeson, architects, Merced, Cal.
Cowell, Henry, Lime & Cement Co., 2 Market, San Francisco, Cal.
Cowell, Herbert, architect, 1 Jefferson, Joliet, Ill.
Cowell, Levi, contractor, Marietta, Ohio.
Cowell Portland Cement Co., 2 Market, San Francisco, Cal.
Cowen, Chas. A., & Co., contractors, 30 E. 42nd, New York,
Coweta Cotton Oil Mill, Newnan, Ga.
Coweta Fertilizer Co., Newnan, Ga.
Cowger, W. A., & Co., contrs., Mount Vernon, Ill.
Cowgill & Hill Milling Co., flour, Carthage, Mo.
Cowin, J. N., & Co., masons' & bldrs.' matls., Medford, Mass.
Cowles, C., & Co., auto & carriage hdwe, lamps, etc., Water & Chestnut, New Haven, Conn.
Cowles, Geo. S., architect, 8 Getty sq, Yonkers, N. Y.
Cowles-Horan Whip Co., Westfield, Mass.
Cowles, Louis, architect, Santa Rosa, Cal.
Cowles & Mutscheller, architects, Saginaw, Mich.
Cowles Shipyards Co., tow or tug boats, Buffalo, N. Y.
Cowles Tool Co., milling cutters, etc., 2086 W. 110th, Cleveland, O.
Cowley, Arthur W., architect, Hyde bldg., Spokane, Wash.
Cowlitz Bridge Co., 48 1st, Portland, Ore.
Cowlitz Shingle Co., Castlerock, Wash.
Cowmatic Corp., barn equip, silos, etc., Lynchburg, Va.
Cowpens Mfg. Co., cotton sheetings, Cowpens, S. C.
Cowper, John W., & Co., contractors, Fidelity Bldg., Buffalo, N. Y.
Cox, A. F., architect, Chelan, Wash.
Cox, A. F., & Son, shoe polishes, Portland, Me.
Cox, A. G., buckwheat flour, Osseo, Wis.
Cox, A. H., & Co., machy. dealers, 307 1st, Seattle, Wash.
Cox, A. J., flour mills, Cleveland, Tenn.
Cox, Abram, Stove Co., American & Dauphin, Phila., Pa.
Cox Aero Wks., propellers, auto wheels, Bayonne, N. J.
Cox Brass Mfg. Co., oxy-acetylene welding apparatus, Albany, N. Y.
Cox Bros., contractors, 5th av & Lincoln way, San Francisco, Cal.
Cox Bros. Co., wholesale hardware, West Union, W. Va.
Cox, C. A., cornices & skylights, Savannah, Ga.
Cox, E. D., contractor, Minerva, Ohio.
Cox, G. F., contractor, Norfolk, Va.
Cox, G. W., stone producers, Osgood, Ind.
Cox, Geo. S., & Bro., hair cloth mfrs., Cambria & Ornes, Philadelphia, Pa.
Cox & Gordon, meat packers, 1019 S. 3d, St. Louis, Mo.
Cox, I. G., & Bro., machsts., Paulsboro, N. J.
Cox, J. Elwood, textile mach. supplies, Highpoint, N. C.
Cox, J. Fillmore, Engng. & Tube Bending Mach. Wks., Bayonne, N. J.
Cox, Jas. T., mill & facty. supplies, Paterson, N. J.
Cox, John, Jr., architect, 7 E. 42d, New York
Cox, John, & Son, masons' & bldrs.' matls., Vanceburg, Ky.
Cox, Justice, Jr., & Co., pig iron dlrs., Land Title Bldg., Philadelphia, Pa.
Cox Lightning Arrester, Eaton, Ohio.
Cox Lime & Stone Co., Plymouth Meeting, Pa.
Cox, P. T., Contracting Co., Inc., 154 Nassau, New York.
Cox, R. E., brick cutters, East Liverpool, Ohio.
Cox, S. S., Show Case Co., North Manchester, Ind.
Cox & Sons Co., machinery mfrs., tanks, etc., 5th & Chestnut, Philadelphia, Pa.
Cox & Stevens, naval architects, 15 William, New York.
Cox & Stone, heating contrs., 74 Richmond, Providence, R. I.
Cox, Thomas, & Son, machsts. & fndrs., Denver, Colo.
Cox, Thos., & Sons Machy. Co., Little Rock, Ark.
Cox, W. H., flour mills, Dover, Tenn.
Cox, W. S., wholesale hardware, Silver City, N. M.
Cox, Wm., architect, Bellingham, Wash.
Cox, Wm. H., architect, 53 State, Boston, Mass.
Coxe-Bennett Lbr. Co., Wadesboro, N. C.
Coxe Travelling Grate Co., 11 B'way, New York.
Coxhead & Coxhead, architects, Hearst bldg., San Francisco, Cal.
Coxheath Lbr. Co., Coxheath, Ala.
Cox's, C. A., Sons, masons' & bldrs.' matls., 2139 American, Philadelphia, Pa.
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
Coy, A. G., Hdwe & Implement Co., Anaconda, Montana
Coy Paper Co., West Claremont, N. H.
Coye, Chas. A., coal bags, Grand Rapids, Mich.
Coyle, Bartley, & Son, common brick, Easthampton, Mass.
Coyle Bros., contractors, Galveston, Tex.
Coyle, H. B., Iron Wks., 622 Filbert, Philadelphia, Pa.
Coyle, John E., architect, 821 Clay, Joliet, Ill.
Coyne Bros., broom corn, 119H W. South Water, Chicago, Ill.
Coyne Bros. Varnish Co., N. 2d & Pike, Philadelphia, Pa.
Coyne & Delany Co., machsts. & fndrs. & water-closet tanks, 832 Kent av, Brooklyn, N. Y.
Cozzens Heating & Const. Co., 1201 N. Vandeventer, St. Louis, Mo.
C. & P. Elec. Wks., panel board cabinets, Springfield, Mass.
Crabb, Everett H., architect, 1112 State, Indianapolis, Ind.
Crabb, Jas., contractor, Wilmette, Ill.
Crabb, Robert, architect, 5607 Euclid av, Cleveland, Ohio.
Crabb, Wm., & Co., frame pins drawing, mill & facty. supplies, 3d av, cor. 4th, Newark, N. J.
Crabbe, S. F., architect, Fargo, N. D.
Crabill Hose Clamp Co., lawn sprinklers, Battle Creek, Mich.
Crabtree & Havey, granite, North Sullivan, Me.
Crabtree Lbr. Co., Tuscaloosa, Ala.
Crabtree, Walter P., architect, New Britain, Conn.
Craddeck, Edw. S., machsts., 226 E. 144th, New York.
Craddock, James H., & Co., architect, Farnum bldg., Omaha, Nebr.
Craft Bros., canned goods, Springwood, Va.
Craft, J. Watson, masons' & bldrs.' matls., Ambler, Pa.
Craft, W. H., lbr., Summit, Miss.
Crafton Lumber & Supply Co., Crafton, Pa.
Crafts, Arthur A., & Co., diamond emery dressers, 125 Summer, Boston, Mass.
Craftsman Tool Co., Conneaut, Ohio.
Crager Wire & Iron Wks., Salt Lake City, Utah.
Cragg, H. C., Mfg. Co., machsts. & fndrs., 228 K. S. W., Washington, D. C.
Cragin, Calhoun, gut strings, 149 B'way, New York.
Cragin & Co., mill supplies, 932 1st av, So. Seattle, Wash.
Cragin, M. J., garbage disposal plants, 746 E. 43d, Chicago, Ill.
Crago's Practical Mach. Wks., Kansas City, Mo.
Craig Bros., boilers, heating contractors, Fargo, N. D.
Craig & Brown, cornices, 421 20th, Brooklyn, N. Y.
Craig, David, cleanouts, faucets, 70 Broad, Boston, Mass.
Craig, Forbes & Co., granite, Quincy, Mass.
Craig Fdry. Co., lead castings, 42 Sanford, Brooklyn, N. Y.
Craig, G. C., lead pipe couplings & pruning shears, Rumney Depot, N. H.
Craig & Harris, stone producers, Galesburg, Ill.
Craig & Huff Co., lbr., 1512H Walnut, Phila., Pa.
Craig, J. J., contractor, Covington, Ky.
Craig, Jas., engines, Garfield av, Jersey City, N. J.
Craig, Jno. J., Co., marble prod., Knoxville, Tenn.
Craig, Jno. M., fndrs., Hartford, Conn.
Craig Millard Co., smoke consumers, Detroit, Mich.
Craig Mills, flour, New Castle, Va.
Craig Mt. Lbr. Co., Winchester, Idaho.
Craig Oil Co., Toledo, Ohio.
Craig Plastering Co., Odd Fellows Bldg., St. Louis, Mo.
Craig-Reynolds Fdry. Co., steam heaters, Dayton, Ohio.
Craig, S. Daley, architect, Petersburg, Va.
Craig, Samuel A., architect, Warsaw, Ind.
Craig & Schoffner Hardware Co., Nashville, Tenn.
Craig Tractor Co., Bliss rd, Cleveland, Ohio.
Craig & Vrooman, cornices, Schenectady, N. Y.
Craig, Wm., Canning Co., Ogden, Utah.
Craighill, S. P., architect, People's Natl. Bk. Bldg., Lynchburg, Va.
Craigsville Woolen Mfg. Co., woolen blankets, Craigsville, Pa.
Crain, Jas. E., contractor, Logansport, Ind.
Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.
Craine Silo Co., Inc., silos, tanks, etc., Norwich, N. Y.
See adv index at end of book.
Cram & Ferguson, architects, 15 Beacon, Boston, Mass.; Scanlon Bldg., Houston, Tex., & 33 W. [illegible] New York.
Cram, Frank, & Sons, masons' & bldrs.' matls., Des Moines, Ia.
Cram, Geo. F., Co., maps, atlases, 107 N. Market, Chicago, Ill.
Cramer & Allen, whol. hdwe., Broad & Center, Trenton, N. J.
Cramer, Augustus, contractor, Atlantic City, N. J.
Cramer Bros., cornices & skylights, Grant's Pass, Ore.
Cramer-Force Co., paper bags, Rochester, N. Y.
Cramer, G., Dry Plate Co., Shenandoah & Lemp avs, St. Louis, Mo.
Cramer, Geo., cornices & skylights, Niles, Ohio.
Cramer Hdwe. Co., Inc., mill & facty. supplies, N. Tonawanda, N. Y.
Cramer & Johnston, contrs., Oxford, O.
Cramer-Kay Machy. Co., dealers, Newhouse Bldg., Salt Lake City, Utah.
Cramer, Philip L., contractor, 713 Euclid av, Pittsburgh, Pa.
Cramer & Sherr, trav. bags & suit cases, 429 E. Moyer, Philadelphia, Pa.
Cramer, Stuart W. See Parks-Cramer Co. (successor)
Cramer, W. F., canned goods, Gasport, N. Y.
Cramer & Willing, mill & factory supplies, 53 W. Jackson blvd., Chicago, Ill.
Cramp & Co., contractors, Denckla Bldg., Philadelphia, Pa.
Cramp, Wm., & Sons Ship & Engine Bldg. Co., Beach & Ball, Philadelphia, Pa.
Crampton-Farley Brass Co., valves, drams, etc., 221 Main, Kansas City, Mo.
Crampton, I. E., & Son Canning Co., Celina, Ohio.
Crampton & Son, boilers, Covington, Ohio.
Cranberry Creek Coal Co., anthracite, 437 Chestnut, Phila., Pa.
Cranberry Furnace Co., blast, Johnson City, Tenn.
Crancer Hardware Co., Leavenworth, Kans.
Cranch Hill Granite Wks., Quincy, Mass.
Crandal, Stone Division, The Brewer-Titchener Corp., carriage & automobile hardware, Binghamton, N. Y.
Crandall, A. I., architect, Lebanon, Ore.
Crandall Bros., contrs., Williamsport, Pa.
Crandall Bros., faucets (wood), N. Kingsville, Ohio.
Crandall & Brown, lumber mfrs., 3300 S. Racine av, Chicago, Ill.
Crandall & Brown Cypress Co., Pearl River, La.
Crandall, C. J., architect, The Dalles, Ore.

Crandall Can Filler Mach. Co., Buffalo, N. Y.
Crandall Carriage Co., 593 3d av, New York.
Crandall, Chas. F., architect, E. & B. Bldg., Rochester, N. Y.
Crandall, Chas. H., architect, Burlington, Vt.
Crandall, E. V., Oil & Putty Mfg. Co., 1105 Metropolitan av, Brooklyn, N. Y.
Crandall Eng'ng Co., dry docks, 102 Border, E. Boston, Mass.
Crandall, G. H., Co., sash, door & blind mfrs., Cohoes, N. Y.
Crandall, J. E., masons' & bldrs.' matls., Ripley, N. Y.
Crandall, Norris I., architect, 507 5th av, New York.
Crandall Packing Co., asbestos gaskets, Palmyra, N. Y.
Crandall Panel Co., Brockton, N. Y.
Crandall Pettee Co., oven bldrs., 135 Hudson, New York.
Crandell, W. W., flour mills, Brownsville, Tenn.
Crandley Rubber & Supp. Co., mill & facty. supps., San Francisco, Cal.
Crandon Mfg. Co., thermostats, Portland, Me.
Crane & Breed Mfg. Co., automobile bldrs, caskets, undertakers' supplies, 1227 W. 8th, Cincinnati, Ohio.
Crane Bros., cornices & skylights, Machias, Me.
Crane Bros., paper & pulp mills, Westfield, Mass.
Crane Bros., silk thread, Kingston, Pa.
Crane, C., & Co., lumber mfrs., 1739 Eastern av, Cincinnati, O.
Crane, C. H., contr., Rockbridge, Ill.
Crane, C. Howard, architect, Detroit bldg., Detroit, Mich.
Crane, Chas., architect, 1189 Madison av, New York.
Crane Co., automobile tools, Allston, Mass.
CRANE CO., gas, steam & water fittings, oil, gas well & plumbers supplies etc., 836 S. Michigan av, Chicago, Ill.
See adv index at end of book.
Crane & Co., paper & pulp mills, Dalton, Mass.
Crane, F. H., & Sons, masons' & bldrs.' matls., Quincy, Mass.
Crane Felt Mfg. Co., Belvidere, N. J.
Crane, Floyd H., sash, door & blinds, Passaic, N. J.
Crane, Fred M., & Co., contractors, Omaha, Nebr.
Crane, Geo. E., architect, 4568 Jamaica av, Richmond Hill, N. Y.
Crane Glass & Mfg. Co., 206 St. Clair av., Cleveland, Ohio.
Crane, H. A., & Bro., concrete reinforced construction, 28 Fairmount av, Jersey City, N. J.
Crane-Hamel Hardware Co., Yazoo City, Miss.
Crane Iron Wks., blast furnaces, Catasauqua, Pa.
Crane, James W., oils, grease, etc., 23-27 W. Pier, Hamilton Ferry, Brooklyn, N. Y.
Crane-Kreig Hardware Co., Newark, Ohio.
Crane, L. M., & Co., lubrg. oils, 91 Oliver, Boston, Mass.
Crane, M. H. (Est. of), htg. contrs., 189 W. Madison, Chicago, Ill.
Crane & MacMahon, carriage & wagon wheels, shafts, etc., 10 Bridge, New York.
Crane Mfg. Co., textile machy. supplies, etc., Lakeport, N. H.
Crane, Marcus S., lbr., Caldwell, N. J.
Crane & Milligan, mill & facty. supplies, 54 Mechanic, Newark, N. J.
Crane & Ordway, mill & facty., plumbers' & steamfitters' supplies, St. Paul, Minn.
Crane Oxygen Wks., 2 W. 90th, New York.
Crane, P. D., Co., clamps & masons' & bldrs.' matls., 10225 Meech av, Cleveland, Ohio.
Crane Packing Co., The, piston rod, 1800 Cayler, Chicago, Ill.
Crane, Theodore, architect, 15 W. 38th, New York.
Crane-Veeder Co., masons' & bldrs.' matls., Schenectady, N. Y.
Crane, W. B., & Co., ties, poles & posts, 913 W. 22d, Chicago, Ill.
Crane, W. & D. G., Co., lbr., Burlington, Vt.
Crane, W. F., & Co., high-pressure piping, 149 B'way, New York.
Crane, W. M., Co., stove mfrs., 16 W. 32d, New York.
Crane, W. T., Carriage Hdwe. Co., 165 Mulberry, Newark, N. J.
Crane, Z. & W. M., paper & pulp mills, Dalton, Mass.
Crane's, T. A., Sons Co., machsts. & fndrs & ship bldrs., ft. Columbia, Brooklyn, N. Y.
Craney & Spaulding, brick, Kenosha, Wis.
Cranford, Chas., contractor, 186 Remsen, Brooklyn, N. Y.
Cranford Colestone Works, Cranford, N. J.
Cranford Co., contractor, 52 9th, Brooklyn, N. Y.
Cranford Const. Co., cement piles, Gerke Bldg., Cincinnati, Ohio.
Cranford Paving Co., 2620 E, N. W., Washington, D. C.
Cranmer, H. A., & Sons, masons' & bldrs.' matls., Monroeton, Pa.
Crannell, Francis F., Lumber Co., Albany, N. Y.
Cranska Thread Co., Worcester, Mass.
Cranston, John A., Lbr. Co., Wilmington, Del.
Cranston, T. H., & Co., wholesale hdwe., 56 E. Randolph, Chicago, Ill.
Cranston Worsted Mills, harness twine, Bristol, R. I.
Crapper, Hedley, contractors, 5839 Ellsworth, Pittsburgh, Pa.
Crary, C. S., Co., canned goods, Streator, Ill.
Crary Machine Wks., Benton Harbor, Mich.
Crauder, Hy., brick, Germantown, Ohio.
Craun Bros., fire extinguishers, fly killers, Butler, Ind.
Craven Chemical Co., Newbern, N. C.
Craven Fdry. & Mach. Co., Newbern, N. C.
Craven, Frank T., Co., contrs. equipt., 50 Church, New York.
Craven & Lang, contractors, Hibernia blk, New Orleans, La.
Craven Lbr. Co., Dallas, Tex.
Craw, Wm. N. Mfg. Co., toys & coffee filters & strainers, South Norwalk, Conn.
Crawford, Archie, contractor, Port Huron, Mich.
Crawford Automobile Co., Hagerstown, Md.
Crawford Basket Co., Liverpool, N. Y.
Crawford, C. L., masons' mtls., 423H Hibernia Bank bldg., New Orleans, La.
Crawford Cedar Co., lber. ties, poles & posts, Menominee, Mich.
Crawford Co., steam fitters' supplies, 846 S. Canal, Chicago, Ill.
Crawford, D. F., Co., Ltd., contrs., 603 5th av, Pittsburgh, Pa.
Crawford, Daniel, Jr., contractor, 701 N. 63d, Philadelphia, Pa.
Crawford, David A., mchsts. fndrs., Emlenton, Pa.
Crawford & Deal, hdwe. dirs., Canton, O.
Crawford, F. S., architect, 18 Adams av, Endicott, N. Y.
Crawford, H. H., contr., Rochester, Minn.
Crawford, H. T., bldg. contr., Dothan, Ala.
Crawford, Harold E., architect, Walla Walla, Wash.
Crawford, J. L., contrs., Springfield, Ohio.
Crawford, L. M., Asbestos Co., asbestos pipe coverings, 1901 Clay, Denver, Colo.
Crawford Lumber Co., sash, door & blind, Jacksonville, Ill.
Crawford & McCrimmon Co., machsts. & fndrs., Brazil, Ind.
Crawford, McGregor & Canby Co., golf clubs, Dayton, Ohio.
Crawford Machine Tool Co., Inc., 21 Park Row, New York

Crawford, M. B., & Son, mill & facty. supplies, Oswego, N. Y.
Crawford Mfg. Co., lumber, Menominee, Mich.
Crawford Mfg. Co., machsts., New Brunswick, N. J.
Crawford Mill Supply Co., Winston-Salem, N. C.
Crawford-Morrow Co., railroad contrs., Atlanta, Ga.
Crawford, P. R., & Son, htg. contrs., Williamson Bldg., Cleveland, Ohio.
Crawford, Samuel, & Sons, lumber, Cedar River, Mich.
Crawfod Specialty Mfg. Co., oils, Blackstone Bldg., Cleveland, O.
Crawford Supply Co., steam fitters' supplies, Bucyrus, Ohio.
Crawford & Tyler, unions, North Dana, Mass.
Crawford, W. M., & Co., contrs., 70 Western Av., Minneapolis, Minn.
Crawford, Wm., contractors, 5 E. 42d, New York.
Crawford, Wm. (Est. of), stone producers, Newburgh, N. Y.
Crawfordsville Casket Co., Crawfordsville, Ind.
Crawfordsville Corrugated Culv. Co., Crawsfordsville, Ind.
Crawfordsville Ginning & Fertilizer Co., Crawfordsville, Ga.
Crawfordsville Hardware Co., Crawfordsville, Ind.
Crawfordsville Shale Brick Co., Crawfordsville, Ind.
Crawfordsville Wire Nail Co., Crawfordsville, Ind.
Crawley Book Machy. Co., Newport, Ky.
Crawn Bros., flour mills, North River, Va.
Crawshaw, J. M., machsts. & fndrs., Auburn, Me.
Cray Bros., carriage & wholesale hdwe., 1111 W. 11th, Cleveland, Ohio.
Craycroft, H. B., machsts., Vandalia, Ill. (tr.)
Craycroft-Herrold Brick Co., Fresno, Cal.
Craycroft Oil Co., 42 B'way, New York.
Crayen, G. A. & Co., magnalium, 81 New, New York.
Creager, H. A., architect, 2118 Francis, S. E., Grand Rapids, Mich.
Creaghead Engng. Co., arc lamp insulators, & electric railway supplies, 340 Main, Cincinnati, Ohio.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Cream City Boiler Co., 37th av & Lapham, Milwaukee, Wis.
Cream City Can Wks., 241 Oregon, Milwaukee, Wis.
Cream City Casket Co., 490 32d, Milwaukee, Wis.
Cream City Fndry. Co., 15th & Oklahoma av, Milwaukee, Wis.
Cream City Net Co., hammock mfrs., 1076 Grove, Milwaukee, Wis.
Cream City Sand Co., 601 Edison, Milwaukee, Wis.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
Cream Cone Mach. Co., 5800 Hough av, Cleveland, O.
Cream of Wheat Co., 5th & 1st av N., Minneapolis, Minn.
Cream Whip Co., 1276 W. 3rd, Cleveland, O.
Creamer, F. D., & Co., masons' & bldrs.' matls., 26 Court, Brooklyn, N. Y.
Creamer, W. G., & Co., hdwe., castings, 96 John, New York.
Creamery Package Mfg. Co., dairy equipment & supps., 61 W. Kinzie, Chicago, Ill.
Creamo Specialty Co., soap, Fairport, N. Y.
Creditors' Mercantile Guide, trade publication, 37 Liberty, New York.
Cree, D. W., camp stoves, Griggsville, Ill.
Cree, J. A., machinist, Utica, Ohio.
Creech & Walker Constr. Co., Aberdeen, Wash.
Creed, W. R., & Co., lbr., 110 W. 34th, New York.
Creedon, Michael, contractor, Dobbs Ferry, New York.
Creepcheck Co., anti-rail creepers, 81 Fulton, New York.
Crehore, Chas. F., & Son, paper & pulp mills, 87 Milk, Boston, Mass.
Creighton, Jas. A., & Co., lime, Thomaston, Me.
Creighton & McDonald, architects, Phoenix, Ariz.
Creighton, Thos., J., brass & composition finders, Fall River, Mass.
Creitz, W. A., Co., flour mills, Cambridge City, Ind.
Crelin Machine Co., Los Angeles, Cal.
Cremering Bros., corn brooms, 216 W. Pearl, Cincinnati, Ohio.
Cremo Milk Co., Valley Ford, Cal.
Cremoline Disinfecting Co., soaps, paper towels, etc., 121 S. Main, St. Louis, Mo.
Crenshaw-Gary Lbr. Co., Memphis, Tenn.
Creo Dipt Co., Inc., stained shingles, N. Tonawanda, N. Y.
Creosoted Material Co., Inc., ties, poles & posts, Q. & C. Bldg., New Orleans, La.
Creque & Thurston, cornices, Jackson, Mich.
Crerar, Adams & Co., mill & facty. supplies, 259 E. Erie, Chicago, Ill.
Crescent Advtg. Co., mirrors, Parsons, Kan.
Crescent Art Metal Co., electric & gas light fixtures, Bridgeton, N. J.
Crescent Bed Co. (Ltd.), machsts. & fndrs., 2662 Gravier, New Orleans, La.
Crescent Belt Fastener Co., belt fastener mfrs., 381 4th av, New York.
Crescent Bottle Co., McDonald, Pa.
Crescent Brass Mfg. Co., Reading, Pa.
Crescent Brass Products Co., electric light fixtures, 8410H Lake av, Cleveland, Ohio.
Crescent Brass & Pin Co., 5766H Trumbull, Detroit, Mich.
Crescent Brick Co., Red Bank, N. J.
Crescent Burner Mfg. Co., 116 E. 27th, New York.
Crescent Charcoal Co., Columbiana, Ala.
Crescent Chemical Co., 2314 Wood, Philadelphia, Pa.
Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.
Crescent City Mfg. Co. (Ltd.), sash, door & blind, 628 Tchoupcializein Div., New Orleans, La.
Crescent Color & Chemical Wks., 59th & 11th av, New York.
Crescent Co., bathing suits, sweaters, etc., 49 E. 21st, New York.
Crescent Co., Inc., saws, screws, bits, chisels, etc., Meriden, Conn.
Crescent Concrete Co., Erie Co. Bk. Bldg., Buffalo, N. Y.
Crescent Cotton Oil Co., Memphis, Tenn.
Crescent Electric Co., contrs., 511 W. Jackson blvd, Chicago, Ill.
Crescent Emery-Corundum Wheel Co., Indianapolis, Ind.
Crescent Engineering Co., Inc., screw mach. products, Phila., Pa.
Crescent Feather Co., 19th & Harrison, San Francisco, Cal.
Crescent Felt Mattress Co., 400 N. Hagen, New Orleans, La.
Crescent Fire Arms Co., Norwich, Conn.
Crescent Flexible Armour Co., rubber hose, Trenton, N. J.
Crescent Flour Mills, Denver, Colo.
Crescent Forge & Shovel Co., Havana, Ill.
Crescent Fndry. Co., Rochester, N. Y.
Crescent Furn. Co., Dept. H, Evansville, Ind.
Crescent Glass Co., lantern globes & tumblers, Wellsburg, W. Va.

Crescent Insulated Wire & Cable Co., Trenton, N. J.
Crescent Iron Works, Coalinga, Cal.
Crescent Leather Goods Co., 16 W. 19th, New York.
Crescent Linseed Oil Wks., lubrg. oils, 927 Blackhawk, Chicago, Ill.
Crescent Lbr. Co., Coushatta, La.
Crescent Lumber Co. (Ltd.), New Orleans, La.
Crescent Machine Co. The, wood working machinery 512 Oak, Leetonia, O. *See adv index at end of book.*
Crescent Machine & Engineering Co., machinists, Irvington, N. J.
Crescent Mach. Wks., South Bend, Ind.
Crescent Mfg. Co., bank fix, coffee mills, lawn swings, etc., Louisville, Ky.
Crescent Mfg. Co., carving & kitchen knives, etc., Fremont, O.
Crescent Mfg. Co., lubrs., machsts. & fndrs., etc., Scottdale, Pa.
Crescent Mfg. Co., plastering trowels, 129 Reade, New York.
Crescent Milling Co., corn meal & flour, Cynthiana, Ky.
Crescent Milling Co., flour, Fairfax, Minn.
Crescent Novelty Mfg. Co., 703 S. B'way, St. Louis, Mo.
Crescent Oil Co., lubrg. oils, 602 W. Pratt, Baltimore, Md.
Crescent Oil Co., lubrg., Indianapolis, Ind.
Crescent Oil Co., 50 Church, New York.
Crescent Oil & Supply Co., 303 N. Levee, St. Louis, Mo.
Crescent Paper Co., Marseilles, Ill.
Crescent Paper & Machine Co., Phoenix, New York.
Crescent Pk. Brass Fndry., Waltham, Mass.
Crescent Pavement Co., Erie Co. Bk. Bldg., Buffalo, N. Y.
Crescent Phosphorized Metal Co., 2314 Wood, Philadelphia, Pa. *See adv index at end of book*
Crescent Planing Mill Co., 3227 N. 9th, St. Louis, Mo.
Crescent Portland Cement Co., Wampum, Pa.
Crescent Refractories Co., fire brick & clay, Curwensville, Pa. *See adv index at end of book*
Crescent Roller Mills Co., flour, Taylorsville, Ky.
Crescent Shingle Co., Kelso, Wash.
Crescent Soap Co., 519 W. McCarthy, Indianapolis, Ind.
Crescent Stone Co., Bloomington, Ind.
Crescent Stove & Mfg. Co., Lehighton, Pa.
Crescent Stove Wks., Evansville, Ind.
Crescent Talking Mach. Co., 109 Reade, New York.
Crescent Tool Co., machsts. & fndrs., 2nd & Elm, Cincinnati, O.
Crescent Tool Co., pliers, wrenches, etc., Jamestown, N. Y.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Crescent Trunk Co., Ltd., 311 Girard, New Orleans, La.
Crescent Washing Machine Co., New Rochelle, N. Y.
Crescent Window Glass Co., Weston, W. Va.
Cresco Creamery Supply Co., dairy supplies, 52 W. Kinzie, Chicago, Ill.
Cresco, Robert, architect, Cresco Apts., Tacoma, Wash.
Cresol Chemical Co., camphor, 8 Van Buren, Brooklyn, N. Y.
Creson, Robt. F., contractor, Builders' Exch., Memphis, Tenn.
Cress, H. G., Co., toys, Troy, Ohio.
Cresskill Lumber Co., Cresskill, N. J.
Cressman, N. C., Co., mill & facty. & steam fitters' supplies, Drexel Bldg., Philadelphia, Pa.
Cresson & Morris Co., power transmitting machy, etc., 18th & Allegheny av, Phila., Pa.
Cressona Powder Co., Pottsville, Pa.
Crest Chemical Co., disinfectants, shingle stains, varnish, etc., Seattle, Wash.
Crestline Mfg. Co., pumps, Crestline, Ohio.
Creston Milling Co., flour, Creston, Wash.
Creston Roller Mills, Creston, N. C.
Creswell Fruit & Vegetable Growers' Assn., canned goods, Creswell, Ore.
Creswell, Samuel J., Iron Wrks, iron fndrs. & structural iron work, 23d & Cherry, Philadelphia, Pa.
Creswell, E. B., contractor, Saginaw, Mich.
Creta Creme Co., soap powders, 520 W. 27th, New York.
Crete Mills, flour, Crete, Nebr.
Cretors, C., & Co., coffee roasters, 620 W. 22d, Chicago, Ill.
Cretors, J. B., aprons (buggy), St. Paris, Ohio.
Creutzer, J. A., architect, Leary Bldg., Seattle, Wash.
Creveling, Whitfield, contractor, Newburgh, N. Y.
Crew, Levick Co., oil mfrs., 111 N. Broad, Phila., Pa.
Crewe Roller Mills, flour, Crewe, Va.
Crex Carpet Co., 1134 B'way, New York.
Cribben & Sexton Co., fndrs., 680 N. Sacramento blvd, Chicago, Ill.
Crichton, Alex. F., jute twine & yarn, Wilmington, Del.
Crichton-Curl Enamel Co., enam. iron signs, Ellwood City, Pa.
Crichton Lbr. Co., Mobile, Ala.
Crider, P. B., & Son, lumber, Bellefonte, Pa.
Cridland, Robt. B., landscape architect, Candler bldg, Atlanta, Ga.
Crie, H. H., & Co., wholesale hardware & mill & factory supplies, Rockland, Me.
Crim, C. M., & Son, lumber, Salem, Ind.
Crim, W. H., Jr., architect, 425 Kearney, San Francisco, Cal.
Crimm Bros. Lbr. Co., Melborne, Ala.
Crimmins, Thos., Contr. Co., 444 E. 69th, New York.
Cripe & Seamen, contrs., Goshen, Ind.
Cripple Creek Mine & Supply Co., Cripple Creek, Colo.
Crisman Hdwe. Co., whol., 511 Market, Chattanooga, Tenn.
Crisp, Herbert G., architect, 2709 St. Paul, Baltimore, Md.
Crisp, Jas., & Co., belting mfrs., Bloomfield, N. J.
Crisp, John, & Sons, contractors, Akron, Ohio.
Crissey & Carpenter, (advertising counsellors), 440 S. Dearborn, Chicago, Ill.
Crissey & Fowler Lumber Co., Colorado Springs, Colo.
Crist, G. D., contr., Columbia, Mo.
Cristy, Edward Buxton, architect, Albuquerque, N. M.
Criswell Furn. Co., Dept. H, Grand Rapids, Mich.
Criterion Slate Co., columns, mantels—marbleized slate—Hydeville, Vt.
Crites, F. H., contrs., 2136 Belleview av, Kansas City, Mo.
Crittall Casement Window Co., 685 Atwater, Detroit, Mich.
Crittenden, B. D., masons & bldrs. matls., Burton, O.
Crittenden Guano Co., Shellman, Ga.
Crittenden Lbr. Co., Providence, R. I.
Crittenden Mfg. Co., screw machine products, 3380 Washington, Boston, 30, Mass.
Crivel, Geo. F., & Co., fndry facings & supplies, Ellicott Sq., Buffalo, N. Y.
Crivitz Pulp & Paper Co., Crivitz, Wis.
Croake, James J., contractor, 2927 Fullerton av, Chicago, Ill.
Crobaugh & Dahm Hardware Co., masons' matls. & plumbers' supplies, Tiffin, Ohio.
Croce Auto Co., Asbury Park, N. J.
Crocker Bros., pig iron and coke dlrs., etc., 21 E. 40th, New York
Crocker, Burbank & Co., paper mills, Fitchburg, Mass.
Crocker Chair Co., lbr., Sheboygan, Wis.
Crocker, H. S., & Co., architects' instruments, 565 Market, San Francisco, Cal.
Crocker, Harry, contractor, Saratoga Springs, N. Y.
Crocker, L. O., Jr., conductors' ticket punches, East Braintree, Mass.
Crocker-McElwain Co., paper & pulp mills, Holyoke, Mass.
Crocker Nat'l Fire Prevention Engineering Co., fire protection supplies, 22 W. 30th, New York.
Crocker & Ogden Co., who. hdwe., Binghamton, N. Y.
Crocker-Wheeler Co., elec. disc fans, etc., Ampere, N. J.
Crockett, D. B., Co., paint mfrs., Bridgeport, Conn.
Crockett, F. A., brick, East Dover, Me.
Crockett Lumber & Pile Co., Norfolk, Va.
Crockett, W. & W. F., contractors, 306 E. 59th, New York.
Crockett, Wm. P., Co., pipe cutters, 411 S. Jefferson, Chicago, Ill.
Crockwell Mine & Mill Supply Co., Federal Reserve Bk. Bldg., St. Louis, Mo.
Crofoot Gear Works, medium & small gears in large quantities, mfrs. of, Cambridge, Mass.
Crofoot Nielsen & Co., blue prints, 172 W. Washington, Chicago, Ill. *See adv index at end of book*
Croft Lbr. Co., Alexander, W. Va.
Croft, Stephen P., contractor, 587 49th, Milwaukee, Wis.
Croft, T. E., ties, poles, etc., Trilby, Fla.
Crofts & Reed Co., soap, 2335 W. Austin av, Chicago, Ill.
Croley, Geo. H., Co., incubators, 8th & Townsend, San Fran., Cal.
Croley, Geo. H., mixed feed, Dept. H, 8th & Townsend, San Francisco, Cal.
Croll, Geo., contr., Brattleboro, Vt.
Croll, Geo. L., contractor, Rosemont, Pa.
Croll, Paul C., contr., Pueblo, Colo.
Cromble, W. M., & Co., lbr., 101 Park Av., New York.
Crompton & Knowles Loom Works, makers of looms for every known weave of fabric, Worcester, Mass.
Cromwell, Chas., S., contr., Mystic, Conn.
Cromwell, J. J., architect, Walsh av, Brooklyn, N. Y.
Cromwell, R. A., Mfg. Co., soap, metal polish, etc., 303 E. 29th, New York.
Cromwell Steel Co., mfrs., Lorain, O.
Cromwell, W. F., machsts. & fndrs., Bedford, Pa.
Cron, L. C. & W. L., Co., knocked down furniture, Piqua, Ohio.
Cron, Wm., Sons Co., carriages, Celina, Ohio.
Cron & Co., furniture, Piqua, Ohio.
Crona Bros. Constr. Co., Pensacola, Fla.
Crone, A. W., & Sons, contractors, 498 Central av, Jersey City, N. J.
Crone, D. A. architect, Cameraphone bldg, Pittsburgh, Pa.
Crone, Daniel A., architect, Oliver Bldg., Pittsburgh, Pa.
Crone, F. G., burners, 281 W. Ferry, Buffalo, N. Y.
Crone, J. W., architect, Winchester, Ky.
Cronenberg, L., & Sons, sash, door & blind mfrs., Mount Vernon, N. Y.
Cronin, Baker & Tindal, plbrs. supplies, Memphis, Tenn.
Cronin, Barth S., Co., contractors & dock bldrs., 573 Clinton, Brooklyn, N. Y.
Cronin, Daniel G., cornices & skylights, Morris, Ill.
Cronin, Jno. P., mill & facty. supplies, Paterson, N. J.
Cronin, M. F., horse collars, 369 Pearl, New York.
Cronin, P. J., Co., harness, saddles, etc., Portland, Ore.
Cronin, Thos. Co., contractors, S. 17th, cor. Muriel, Pittsburgh, Pa.
Croninger Packing Co., meat packers, Shamokin, Pa.
Cronise Bros., canned goods, Nace, Va.
Cronk & Carrier Mfg. Co., hardware specialties, 150 Lake, Elmira, N. Y. *See adv index at end of book*
Cronk, Charles E., architect, Herkimer, N. Y.
Cronk, F. S., Co., machsts. & fndrs., Waxahachie, Tex.
Cronk, Horace L., musical instru. strings, Battle Creek, Mich.
Cronk Mfg. Co., sash, door & blind mfrs., New Brunswick, N. J.
Cronkhite Co., Inc., mica electrical insulation, industrial chemicals & mill supplies, 185 Devonshire, Boston, Mass.
Cronkrite, L. R., corn brooms, Williamsport, Pa.
Crons-Kill Co., furniture, Dept. H, Piqua, Ohio.
Crook, H. E., Co., models & experimental work, 28 Light, Baltimore, Md. (tr.)
Crook-Horner Supply Co., mill & facty. & plumbers' supplies, 7 Balderson, Baltimore, Md.
Crook, J. A., bldg. contrs., Exchange bldg., Los Angeles, Cal.
Crook Son & Co., handles, Hicksville, Ohio.
Crooke Htg. & Vent. Co., 97 Warren, New York.
Crooke, Jno. J., Co., tin foil, 68 William, New York.
Crooker, B. I., Co., Builders Exchange, Buffalo, N. Y.
Crooks, F. McC., architect, Jones Law bldg., Pittsburgh, Pa.
Crooks & McLean Co., marble producers, Carthage, N. Y.
Crooks Pattern Works, 955 Cleveland av, Columbus, Ohio.
Crooks, R. E., architect, Lancaster, Ohio.
Crooks, W. D., & Sons, hard wood doors, Williamsport, Pa.
Crookston Brick & Tile Co., Crookston, Minn.
Crookston Lumber Co., First National Soo Line Bldg., Minneapolis, Minn.
Crookston Mfg. Co., agricultural implements, Crookston, Minn.
Crookston Milling Co., flour, Crookston, Minn.
Crookston Tool Co., Crookston, Minn.
Crookston, W. H., & Bro., pipe joint cement, 2449 3d av, New York.
Crooksville China Co., Crooksville, Ohio.
Crooksville Pottery Co., Crooksville, Ohio.
Cropp & Co., concrete mixers, 2334 W. Kinzie, Chicago, Ill.
Cropsey & Mitchell, sash, door & blind mfrs., Bay 35th, Brooklyn, N. Y.
Crosble, R. L., cornices & skylights, Ogden, Utah.
Crosby Bros. Co., lumber, Arrowsic, Me.
Crosby, C. P., lumber, Rhinelander, Wis.
Crosby Co., rubber buckets, Cuba, N. Y.
Crosby Co., sheet metal stamping, 914H Ford bldg., Detroit, Mich.
Crosby & Co., stove pipe enamels, Ford Bldg., Detroit, Mich.
Crosby, D., & Son, cat boats, Osterville, Mass.
Crosby, G. R., & Sons, contractors, Beverly, Mass.
Crosby, H. B., architect, 1st Nat'l Bk. Bldg., Paterson, N. J.
Crosby, Henry Barrett, architect, 50 Church, New York.
Crosby, H. W., Contr. Co., 4048 Evans av, St. Louis, Mo.

Crosby, J. D. Co., cold rolled strip steel, Dept. H, Dean & Farrel, Pawtucket, R. I.
Crosby Mfg. Co., carriages (children's), Frenchtown, N. J.
Crosby Navigation Co., shipbldrs., Richmond, Me.
Crosby Steam Gage & Valve Co., steam specialties mfrs., 40 Central, Boston, Mass.
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Crosby, W. S., architect, 179 W. Washington, Chicago, Ill.
Crosby, Wilton, cat boats, Osterville, Mass.
Crose, Jas., contrs., Racine, Wis.
Crosfield, Wm., wood handles, Berkeley Springs, W. Va.
Crosier, Geo. P., architect, White Plains av & 223d, New York.
Crosman, G. A., & Sons Co., box shooks, Portland, Me.
Cross, A. P., contractor, Mer. Trust Bldg., Los Angeles, Cal.
Cross, A. T., Pencil Co., fountain pen mfrs., 53 Warren, Providence, R. I.
Cross Anchor Oil Co., meal, Cross Anchor, S. C.
Cross Bros., cornices, 2330 Woodward, Detroit, Mich.
Cross Bros. Co., cutters' granite bldg. wk., Northfield, Vt.
Cross Bros. & Co., mill & facty. supplies, Rochester, N. Y.
Cross, C. C., & Son, architects, Santa Monica, Cal.
Cross, Chas. W., street contr., Oakland, Cal.
Cross, Clarence L., lbr., Monadnock Bldg., Chicago, Ill.
Cross & Cross, architects, 681 5th av, New York.
Cross, E. C., & Son, meat, Salem, Ore.
Cross, E. J., Co., contractors, 82 Foster, Worcester, Mass.
Cross Engng. Co., perforated metals, screens, etc., Carbondale, Pa.
Cross, Ezra M., Machine Co., Berlin, N. H.
Cross Gear & Engine Co., 800 Bellevue, Detroit, Mich.
Cross, Harold, architect, Mer. Nat. Bk. bldg, Los Angeles, Cal.
Cross, M. C., architect, Tulsa, Okla.
Cross Metal Products Corp., snap fastners, 2427 3rd Av., New York.
Cross Paper Feeder Co., machy., 185 Summer, Boston, Mass.
Cross & Parham, machsts. & fndrs., Sidell, Ill.
Cross Press & Sign Co., machsts., 1508 Dayton, Chicago, Ill.
Cross, W. D., machst. & fdr., Geneva, Ind.
Cross, W. W., & Co., insulated staples, tacks, etc., Brockton, Mass.
Crossan Constr. Co., Land Title Bldg., Philadelphia, Pa.
Crossan, Miner & Frees, lumber, Coffey, Mo.
Crosscup, I. O., boiler compounds, 24 California, San Fran., Cal.
Crossett Lumber Co., Crossett, Ark.
Crossett Western Lbr. Co., Wauna, Ore.
Crossington Knitting Mills, sweaters, etc., 243 Ashmead, Gtn. Philadelphia, Pa.
Crossley, G. R., lbr., 11 William, New York.
Crossley Lead & Mach. Co., net lifting machy., steam steering gears, etc., Erie, Pa.
Crossley Machine Co., State & Chestnut Av., Trenton, N. J.
Crossman Co., clays, South Amboy, N. J.
Crossman Tack Co., Dighton, Mass.
Crossroads Canning Co., Berkeley Springs, W. Va.
Crosta, C. A., cornices & skylights, Denver, Colo.
Crosta, Edward A., contractor, Atlantic City, N. J.
Crosta, John H., contrs., Lackawanna, N. Y.
Croswell, John, contractor, Wellesley Hills, Mass.
Crotch Island Granite Co., 26 Cortland, New York.
Crothersville Canning Co., Seymour, Ind.
Croton Chemical Co., 14 Cedar, New York.
Croton Mfg. Co., brass tubing, Croton on Hudson, N. Y.
Crotty, J. J. & Co., machsts & drilling tools, Parkersburg, W. Va.
Crouch Bros. Co., flour mills, Erie, Pa.
Crouch, E. M., contractor, Oil City, Pa.
Crouch & Fitzgerald, trunks, etc., 177 B'way, New York.
Crouch Lumber & Construction Co., Trinadad, Colo.
Crough, Geo. F., & A. W., naval architects, 2411 Sedgwich av, New York.
Crouse Clay Products Co., Akron, Ohio.
Crouse-Hinds Co., electrical goods, Syracuse, N. Y.
Crouse, Ira R., contractor, Perth Amboy, N. J.
Crouse, J. L., contrs., Greensboro, N. C.
Crouse Metal Mfg. Co., box fasteners, Williamsport, Pa.
Crout, J. M., fndrs., Saluda, S. C.
Crow-Elkhardt Motor Co., Elkhart, Ind.
Crow, Lewis & Wick, architects, 200 5th av, New York
Crow Motor Car Co., Elkhart, Ind.
Crow, Ralph W., architect, 1020 S. 2nd, Springfield, Ill.
Crow Stove Polish Co., 2520 Galena, Milwaukee, Wis.
Crow, Wm. L., Constr. Co., 103 Park av, New York.
Crow-Wynn Heating Co., 4070 East 82d, S. E., Cleveland, Ohio.
Crowder Bros., machsts., 2018 Locust, St. Louis, Mo.
Crowder, H. N., Jr., Co., electric contrs. & mill supplies, Easton, Pa.
Crowe, F. T., & Co., contractors' tools & supplies, Seattle, Wash.
Crowe, F. T., & Co., masons' & bldrs.' matls., Tacoma, Wash.
Crowe, J. H., architect, Getysburg, Pa.
Crowe, John Co., contractors, Fall River, Mass.
Crowe-Keane Button Co., Botsford, Conn.
Crowe, Michael J., masons' & bldrs.' matls., Lockport, N. Y.
Crowe Name Plate & Engraving Co., 1749 Grace, Chicago, Ill.
Crowe, R. B., architect, Columbus, Ind.
Crowe, Robt. E., architect, Gerke bldg., Cincinnati, Ohio
Crowe, Thos. W., contractor, New Britain, Conn.
Crowell, C. Parker, architect, Bangor, Me.
Crowell Chemical Co., metal polish, Beverly, Mass.
Crowell Corp., gummed paper, tape & moistening machy., 241 37th, Brooklyn, N. Y.
Crowell, D. J., machsts., 61 Terrace, Buffalo, N. Y.
Crowell, E. H., contractor, Crown Point, Ind.
Crowell, Fred C., sash, door & blind, Norwich, Conn.
Crowell, Jas., lbr., Ft. Cross, Newark, N. J.
Crowell, Jas. Addison, brick molds, Wallkill, N. Y.
Crowell & Little Constr. Co., 1951 E. 57th, Cleveland, Ohio.
Crowell Mfg. Co., blowers, pumps, air compressors, etc., 319-321 Franklin av, Brooklyn, N. Y.
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Crowell & Murray, chemical laboratories, 407 Perry-Payne Bldg., Cleveland, Ohio.
Crowell & Seward, contrs., Pasadena, Cal.
Crowell & Spencer Lumber Co., Ltd., Long Leaf, La.
Crowell, Wm. Co., contr., Pasadena, Cal.
Crowell, William, Co., oxyacetylene welding, Van Horne & Central R. R., Jersey City, N. J.
Crowen, Samuel N., architect, 30 N. La Salle, Chicago, Ill.
Crowl Lbr. Co., Harbor Springs, Mich.
Crowley, Arthur F., architect, 144 West av, Brooklyn, N. Y.

Crowley Boiler Wks., Jackson, Mich.
Crowley, Chas. O., contractor, Troy, N. Y.
Crowley Iron & Machy. Co., Crowley, La.
Crowley, Jno. A., Co., high speed steel, 120 Liberty, New York.
Crown Brass Fdy. Co., Los Angeles, Cal.
Crown Cap Mfg. Co., 201 37th, Brooklyn, N. Y.
Crown Chair Co., Evansville, Ind.
Crown Chemical Co., metal polish, Indianapolis, Ind.
Crown Commercial Car Co., machinists, North Milwaukee, Wis.
Crown Cork & Seal Co., crown cork mfrs., 1511 Guilford av, Baltimore, Md.
Crown Cotton Mills, Dalton, Ga.
Crown Cut Glass Co., Hancock, N. Y.
Crown Die & Tool Co., 553 W. Monroe, Chicago, Ill.
Crown Electrical Mfg. Co., St. Charles, Ill.
Crown Foundry Co., Belleville, Ill.
Crown Fuel Saver Co., fuel economizers, Richmond, Ind.
Crown Hardware Co., Pasadena, Cal.
Crown Iron Works Co., bridge railings, 1229 Tyler, Minneapolis, Minn.
Crown, J. F., & Son, carriages, 2115½ C, N. E., Washington, D. C.
Crown Jewel Milling Co., flour, Cynthiana, Ky.
Crown Lbr. Co., Mukilteo, Wash.
Crown Mfg. Co., agricultural implements, Phelps, N. Y.
Crown Mfg. Co., boiler compounds, Engineers Bldg., Cleveland, Ohio.
Crown Metal Co., babbitt metal, white metal, alloys & lead, 259 Wash., Milwaukee, Wis.
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Crown Oil Co., 804 Lakeside av, N. W., Cleveland, Ohio.
Crown Oil & Wax Co., lubrg., cor. Pratt & 8th, Baltimore, Md.
Crown Optical Co., Rochester, N. Y.
Crown Pipe & Foundry Co., Jackson, Ohio.
Crown Pipe Mfg. Co., Omaha, Neb.
Crown Pitter Co., strawberry hullers, Cleveland, Ohio.
Crown Potteries Co., crockery, Evansville, Ind.
Crown Rheostat & Supply Co., abrasives, 17 S. Desplaines, Chicago, Ill.
Crown Ribbon & Carbin Mfg. Co., typewriter ribbons, Rochester, N. Y.
Crown Roller Mills, flour, Morganfield, Ky.
Crown Sash, Door & Mill Co., 2416 McPherson, Los Angeles, Cal.
Crown Slate Co., Pen Argyl, Pa.
Crown Smelting Co., brass fndrs., Chester, Pa.
Crown Stove Works, machsts. & fndrs., Cicero, Ill.
Crown Surgical Instrument Co., 798 8th av, New York.
Crown Varnish & Enamel Co., 2322 N. Seeley av, Chicago, Ill.
Crown Ventilator Co., Milwaukee, Wis.
Crown Wall Plaster Co., Braddock, Pa.
Crown Welding Wks., 364 Willoughby av, Brooklyn, N. Y.
Crown Willamette Paper Co., 722 Montgomery, San Francisco Cal.
Crowninshield, B. B., naval architect, 75 State, Boston, Mass.
Crownshield Trading Corp., quick silver, 30 Church, New York
Crowther Hardware Co., wholesale, San Angelo, Tex.
Crowther, Harry, mach. wipers, Rorer & Ontario, Phila., Pa.
Crowther Motor Co., 27th & Diamond, Rochester, N. Y.
Crowther, T., & Co., gear cleaning machines, 170 Oliver, Boston, Mass.
Croze, Jos., dry docks, Houghton, Mich.
Crozer Coal & Coke Co., Phila., Pa.
Crozier, R. J., Co., mfrs. agents & mill & facty. supplies, North American Bldg., Philadelphia, Pa.
Cruben Machine & Steel Corp., mandrels, reamers & milling cutters, 63 Duane, New York.
Crucet Mfg. Co., portables, 256 W. 28th, New York.
Crucible Fuel Co., bitumionus, Empire bldg., Pittsburgh, Pa.
Crucible Steel Casting Co., Lansdowne, Pa., & Cleveland, Ohio.
Crucible Steel Casting Co., 612 Clinton, Milwaukee, Wis.
Crucible Steel Co. of America, rolling mills, Oliver bldg., Pittsburgh, Pa.
Cruickshank, A. G., masons' & bldrs.' matls., Port Huron, Mich.
Cruickshank, Clinton M., cont., 103 Park av, New York.
Cruickshank Engine Co., 286 Dyer, Providence, R. I.
Cruikshank Bros. Co., canned goods, Pittsburgh, Pa.
Cruickshanks Iron Works Co., steel structural work, Dineen & S. G. L. Ry., Richmond, Va. (tr.)
Cruise, Edwin, contractor, New London, Conn.
Cruise & Smiley Constr. Co., Pawtucket, R. I.
Cruise, Thos., contractor, Hudson, N. Y.
Crum, Lewis D., mill & facty. supplies, Helene, Ark.
Crumb Quarry Co., granite, Westerly, R. I.
Crumb, W. B., cattle stanchions, Forestville, Conn.
Crume Brick Co., Dayton, Ohio.
Crumley, Jones & Crumley Co., contractors, 536 Findlay, Cincinnati, Ohio.
Crumley-Sharp Hardware Co., Atlanta, Ga.
Crump, A. B., Contr. Co., Macon, Ga.
Crump, Benj. T., Co., harness mfrs., Richmond, Va.
Crump Bros., masons' & bldrs.' matls., Memphis, Tenn.
Crump, F. T., brick, Columbus, Ind.
Crunden, Martin, Mfg. Co., enameled, galvanized & japanned ware mfrs., 2d & Gratiot, St. Louis, Mo.
Crupper, Jos. L., sash, door & blind, 13th & Ohio av, N. W., Washington, D. C.
Cruse-Crawford Mfg. Co., crankshafts, forging & lathe spindles, 2101H av B, Birmingham, Ala.
Cruse, Frank, architect, Washington bldg, Seattle, Wash.
Cruse-Kemper Co., steel struc. wk., condensers, tanks, etc., Ambler, Pa.
Crush Brick & Tile Co., Sulphur Springs, Tex.
Crusier Motor Car Co., Madison, Wis.
Crutchfield Hardware Co., wholesale, Thomasville, N. C.
Cruver Mfg. Co., advertising novelties, button machy., glass paper weights, 2456 W. Jackson blvd, Chicago, Ill.
Cruver-Peters Co., cameras, 825 Washington blvd., Chicago, Ill.
Cryer Return Line System Co., 18 E. 41st, New York.
Cryer, T. B., heating contractors, 249 High, Newark, N. J.
Cryptofel Chain Co., electric light fixtures mfrs., 140 Boylston, Boston, Mass.
Crystal Brook Granite Co., Hardwick, Vt.
Crystal Carbonite Lime Co., Louisiana, Mo.
Crystal Coal & Coke Co., Crystal, W. Va.
Crystal Gelatine Co., 121 Beverly, Boston, Mass.
Crystal Mfg. Co., ink erasers, Syracuse, N. Y.
Crystal Oil Works, Oil City, Pa.
Crystal Palace Flouring Mills Co., Weatherford, Tex.

Crystal Paper Co., Middletown, Ohio.
Crystal Percolator Co., 44 E. 23d, New York.
Crystal Refrigerator Co., Fremont, Neb.
Crystal Sand Co., Bridgeton, N. J.
Crystal Soap Co., 60 5th, Milwaukee, Wis.
Crystal Spring Canning Co., Dixon, Mo.
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Crystal Springs Sand Co., Canal Fulton, Ohio.
Crystal Washing Machine Co., 1118 Gratiot, Detroit, Mich.
Crystalline Soap Co., Army & Hampshire, San Francisco, Cal.
Cuatt, Wm., contractor, Ossining, N. Y.
Cuba Specialty Mfg. Co., minnow traps, Houghton, N. Y.
Cuban-Am. Sugar Co., 129 Front, New York.
Cuban Eng. & Contr. Co., 17 W. 42d, New York.
Cuban Portland Cement Co., 347 Madison av, New York.
Cubberly, Leon, architect, Long Branch, N. J.
Cudahy Bros. Co., meat packers, Cudahy, Wis.
Cudahy Packing Co., meat packers, canned goods, compounds, etc., 111 West Monroe, Chicago, Ill.
Cudell, F. E., lead anti-siphon & backwater traps, 10013 Detroit av, Cleveland, Ohio.
Cudlipp Belting & Machy. Co., 317 Tchoupitoulas, New Orleans, La.
Cudworth & Thompson, architects, Norwich, Conn.
Cuero Cotton Oil & Mfg. Co., meal, Cuero, Tex.
Cuff, C. C., architect, Ochsner Bldg., Sacramento, Cal.
Cuff, J. W., & Co., htg. contrs., 2027 N. 23d, Philadelphia, Pa.
CUIRASS PRODUCTS LTD., paints, 1128 World Bldg, New York.
Culberts, Wm., Sons, tubular boilers, Nashville, Tenn.
Culbertson Bros., carriages, Mechanicsburg, Ohio.
Culbertson, H. E., Co., contractors, Citizens Bldg., Cleveland, O.
Culbertson Hardware Co., Auburn, Ind.
Culbertson & Kelly, contractors, Ford Bldg., Detroit, Mich.
Culicour, M., brushes, brooms, etc., 41 Fulton, New York.
Cull, Wm., & Sons, carriages, Marion, Ohio.
Cullen & Atkinson Co., core & enameling ovens, Hartford, Conn.
Cullen Co., expansion tanks & tubular boilers, Clinton, Ia.
Cullen, C. W, Machinery Co., dealers, Cleveland, Ohio.
Cullen, Chas. H., architect, 101 Park av, New York.
Cullen Frederick M., elec. contrs., Norwalk, Conn.
Cullen-Friestedt Co., contractors, 7 S. Dearborn, Chicago, Ill.
Cullen, Geo. P., contractor, 155 N. Clark, Chicago, Ill.
Cullen, J. P., Constr. Co., Janesville, Wis.
Cullen, John, contractor, East Hampton, Mass.
Cullen & Vaughn Co., archl. wood turning, contractors, interior wood finishing & masons' & bldrs.' matls., 450 Dayton, Hamilton, Ohio.
Culler Furniture Co., revolving chairs, Williamsport, Pa.
Cullihan, R. A., contr., Tremont, Ill.
Cullinan, Thos. F., Co., reinf. concrete steel const., Providence, R. I.
Cullman Wheel Co., roller sprockets, etc., 1346 Altgeld, Chicago, Ill.
Culloden Ginning & Fertilizer Co., Culloden, Ga.
Cullum & Boren Co., gun cleaning, camping outfits, rods, etc., Dallas, Tex.
Cullum, J., & Co., tubular boilers, Kingston, N. Y.
Cullum, W. J., Co., contractors, Portsmouth, Ohio.
Culmers Co., glass, Salt Lake City, Utah.
Culp, Chas. F., contrs., New Rockford, N. Dakota.
Culp, W. S. & A. M., contractors, Chestertown, Md.
Culpepper & Co., ties, poles & posts, 22 E. Lexington, Balti., Md.
Cutler Dry Kiln Co., 20 Churchill, Buffalo, N. Y.
Culter & Proctor Stove Co., Peoria, Ill.
Culver, A., Co., masons' & bldrs. matls., Rockland, Mass.
Culver, Irwin C., Co., window display fixtures, 60 E. 8th, New York.
Culver, M. A., & Son, lumber, Cedar, Mich.
Culver Mfg. Co., automobiles, Culver City, Cal.
Culver-Stearns Mfg. Co., lamp adapters & guards, storage batteries, etc., Detroit, Mich., & Worcester, Mass.
Cumberland Clay Co., Mount Holly Springs, Pa.
Cumberland Electric Mfg. Co., transformers & voltage regulators, Memphis, Tenn.
Cumberland Fertilizer Co., Cartersville, Ga.
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Cumberland Fruit Package Co., berry boxes, Cumberland, Wis.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
Cumberland Marble Mill Co., Knoxville, Tenn.
Cumberland Milling Co., flour, Cumberland, Md.
Cumberland Portland Cement Co., Cumberland, Md.
Cumberland Sash & Door Co., Cumberland, Md.
Cumberland Shipbuilding Co., wooden ship builders, 415 Congress, Portland, Me.
Cumberland Steel Co., Cumberland, Md.
Cumberland Valley Paper Box Co., mailing tubes, Hagerstown, Md.
Cumbler, Geo. W. (Est. of), stone producers, Steelton, Pa.
Cuming, Henry B., leather belting, 207 Center, New York.
Cuming, M. A., & Co., hatters' machy., 43 Bleeker, New York.
Cumings, H. P., Construction Co., 319 Washington, Boston, Mass.
Cumiskey, John H., contractor, Bridgeport, Conn.
Cummer Cypress Co., lumber, Sumner, Fla.
Cummer-Diggins Co., lumber mfrs., Cadillac, Mich.
Cummer, F. D., & Son Co., asphalt plant bldrs., dryers, etc., Superior Arcade, Cleveland, Ohio.
Cummer Lumber Co., Jacksonville, Fla.
Cummer Mfg. Co., woodenware & novelties, Cadillac, Mich.
Cummer Products Co., lubricating oils, 2150 W. 15th, Cleveland, Ohio.
Cumming Oil & Fertilizer Co., Cumming, Ga.
Cummings, Bevis & Levan, mill & facty. supplies, Lancaster, Pa.
Cummings Bros., carriages, Hudson, N. H.
Cummings Bros., stone prod., Voorheesville, N. Y.
Cummings & Downer, architects, Painesville, Ohio.
Cummings & Emerson, who. hdwe., Peoria, Ill.
Cummings, F. G., packing box mfrs., Lowell, Mass.
Cummings Filter Co., pressure, 2701 Liberty av, Pittsburgh, Pa.
Cummings, G. R., Jr., & Co., shoe blacking & polishes, 132 Reed, Milwaukee, Wis.
Cummings, Geo., & Son, tex. machy. (roll coverers), Fall River, Mass.
Cummings, H. P., Construction Co., Ware, Mass.
Cummings Iron Wks. & Supply Co., Walterboro, S. C.
Cummings, J. C., architect, Norwich, N. Y.
Cummings, J. C., contractor, Batavia, N. Y.
Cummings Josiah & Son, store trucks, 657 Atlantic av, Boston, Mass.
Cummings, M. F., cornices & skylights, Yazoo City, Miss.
Cummings, M. F., & Son, architects, Nat'l State Bk. Bldg., Troy, N. Y.
Cummings Machine Co., concrete mixers, Minister, Ohio.
Cummings Machine Wks., 110 High, Boston, Mass.
Cummings-Moberly Cypress Co., Moberly, La.
Cummings Moore Graphite Co., 670 Greene, Detroit, Mich.
Cummings Ship Instrument Works, marine specialties mfrs., 110 High, Boston, Mass.
Cummings Structural Concrete Co., Benedum Trees Bldg., Pittsburgh, Pa.
Cummings, T. A., Fdry. Co., 1338 Cortland, Chicago, Ill.
Cummings, W. H., & Sons, scrap rubber, 60 Harrison, New York.
Cummings, Wm. F., contr., 330 S. Paulina, Chicago, Ill.
Cummins, B. F., Co. See Cummins Perforator Co. (successors)
Cummins Canning Co., Conneaut, Ohio.
Cummins, Chas., flour mills, Cumminsville, Ky.
Cummins & Co., handles, Red Lick, Ky.
Cummins Perforator Co., 4760 W. Ravenswood av, Chicago, Ill.
Cunliff, Chas., contractor, Title Guaranty Trust Bldg., St. Louis, Mo.
Cunningham, A. J., Co., meat pkrs., 34 Blackstone, Boston, Mass.
Cunningham, A. W. & Co., builders' supplies, Atlantic City, N. J.
Cunningham, B., architect, 120 B'way, New York
Cunningham & Birdwood, shaft couplings, Lynn, Mass.
Cunningham Brick Co., Greensboro, N. C.
Cunningham Bros., contractors, Beloit, Wis.
Cunningham, C. S. & Son Co., contrs., 23 Central av, Lynn, Mass.
Cunningham, C. S., & Sons Constr. Co., 7 Water, Boston, Mass.
Cunningham, Christopher, Co., tubular boilers, 437 Greenpoint av, Brooklyn, N. Y.
Cunningham Construction Co., Martinsville, Ind.
Cunningham, D. O., Glass Co., bottles & window glass, Jane & 22nd, Pittsburgh, Pa.
Cunningham, F. H. & J. G., architects, Greenville, S. C.
Cunningham, F. W., & Sons, contractors, Portland, Me.
Cunningham & Foley, Inc., contrs., 219 W. 116th, New York.
Cunningham, Frank M., contractor, Atlantic City, N. J.
Cunningham, G. F., elec. contr., San Diego, Cal.
Cunningham Hardware Co., Mobile, Ala.
Cunningham, H. F., architect, 1742 M, N. W., Washington, D. C.
Cunningham, J. H., Co., fndrs., 269 Congress, Boston, Mass.
Cunningham, Jas., Son & Co., automobile bldrs., Rochester, N. Y.
Cunningham, M. E., Co., steel stamps, 625 Smithfield, Pittsburgh, Pa.
Cunningham Packing Co., meat packers, 84 S. Market, Boston, Mass.
Cunningham Paving & Constr. Co., 1345 Arch., Phila., Pa.
Cunningham Piano Co., 1101 Chestnut, Philadelphia, Pa.
Cunningham Plumbing Supply Co., plumbers' & steam fitters' supplies, 1234 Pennsylvania av, N. W., Washington, D. C.
Cunningham & Politeo, architects, First Nat'l Bk. Bldg., San Francisco, Cal.
Cunningham, Richard, brick, Russiaville, Ind.
Cunningham, T., Co., contractors, 608 E. 15th, New York.
Cuno Engng. Corp., auto lamps & cigar lighters, Meriden, Conn.
Cuozzo, D., contractor, 21 Park row, New York.
Cupples Adjustable Tooth Co., Tyrone, Pa.
Cupples Mercantile Co., Ltd., whol. hdwe., Caldwell, Idaho.
Cupples, Sam'l, Envelope Co., 6th & Cerre, St. Louis, Mo.
Cupples, Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.
Cuprite Sulphur Corp., 50 E. 42d, New York.
Cureton, Geo. W., flour, Rising Fawn, Ga.
Cureton, Wm., & Sons, castings, Dayton, Ohio
Curfman, F. S., Mfg. Co., electric flashlights, Marysville, Mo.
Curlett, W., & Son, architects, 548 S. Spring, Los Angeles, & Phelan Bldg., San Francisco, Cal.
Curley Bros., mason's & builder's materials, Wakefield, Mass.
Curley, J., & Bro., whol. hdwe., 87 Duane, New York.
Curnow, R. C., machinist, Sonora, Cal.
Curphey & Mundy, contractors, Vicksburg, Miss.
Curran Bros. & Murphy, stone prod., 305 Douglas, Brooklyn, N. Y.
Curran, Jas., cornices, Syracuse, N. Y.
Curran, Jas. H., Elevator Co., 114 W. 2d, Cincinnati, Ohio.
Curran Lumber Co., Lexington, Ky.
Curran Supply Co., steam fitters' supplies, 512 W. 36th, New York.
Curran-Swartout Co., Inc., contrs., Granite Bldg., Rochester, N. Y.
Currie Bros., Co., fertilizer mfrs., Milwaukee, Wis.
Currie Canning Co., Grand Junction, Colo.
Currie Co., mill & facty. supplies, Atlantic City, N. J.
Currie Hdwe. Co., Mason City, Iowa.
Currie, J. B., & Son, machsts., 72 Adams, Brooklyn, N. Y.
Currie, J. L., & Co., lumber, Carthage, N. C.
Currie Lbr. Co., Fayetteville, N. C.
Currie, Malcom, contractor, Attleboro, Mass.
Currie, Marvin & Son, contrs., Johnstown, N. Y.
Currie, Thos. E., contractor, Magraw Bldg., Detroit, Mich.
Currie Windmill Co., Topeka, Kans.
Currier-Cameron Co., auto. wood bodies, 85 Elm, Amesbury, Mass.
Currier, Chas. E. & Co., contractors, 10 High, Boston, Mass.
Currier, Cyrus, & Sons, leather & oilcloth, etc., machy., 365 Market, Newark, N. J.
Currier Lbr. Corp., Glamorgan, Va.
Currier Mfg. Co., filing cabinets, Boston Blk., Minneapolis, Minn.
Currier Needle Co., Manchester, N. H.
Currier, R. B., Co., lbr. mfrs., Springfield, Mass.
Curry Bros. Lbr. Co., Druid, N. C.
Curry Bros. Oil Co., lubrg. oils, 253 Franklin, Boston, Mass.
Curry Champion Fly Trap Co., Paducah, Ky.
Curry, J. P., Mfg. Co., bag tyers, 280 Madison av, New York.
Curry, J. W., Co., belting, harness, straps, etc., 2615 Cummins, Cincinnati, Ohio.
Curry, Robt. W., contractor, Newport, R. I.
Curry-Wagner Construction Co., 1900 Euclid av, Cleveland, O.
Curry's, Wm., Sons Co., masons' & bldrs. matls., Key West, Fla.
Curtain Supply Co., car curtains & trimmings, 320 W. Ohio, Chicago, Ill.
Curtainless Shower Co., shower baths, 25 W. B'way, New York.
Curtice Bros. Co., canned goods, Rochester, N. Y.
Curtice, J. E., lumber, Coleman, Mich.
Curtin, C. A., architect, 2501 W. Chestnut, Louisville, Ky.

Curtin & Clark Hardware Co., Kansas City, Mo.
Curtin, Hebert, Co., glove mach., Gloversville, N. Y.
Curtin, John (Inc.), yacht sails, 71 Front, New York
Curtin-Ruggles Co., contractors, 39 Cortlandt, New York.
Curtin, Wm. H., Mfg. Co., htg. contrs., 331 Adam, Brooklyn, N. Y.
Curtis, Albert B., oil extractions, Worcester, Mass.
Curtis, Booth & Bently Co., sash, door & blind, Oklahoma, Okla.
Curtis-Brislin Lbr. Co., sash, door & blind mfrs., 3290 Atlantic av, Brooklyn, N. Y.
Curtis & Bro., paper & pulp mills, Newark, Del.
Curtis Bros., sashes, doors & blinds, East Orange, N. J.
Curtis Bros. & Co., lumber mfrs., Clinton, Ia.
Curtis, C. H., cornices & skylights, Waldboro, Me.
Curtis, Chas. E., & Son, stone producers, Salem, Mass.
Curtis & Co., sashes, doors & blinds, 25 8th, Zanesville, Ohio.
Curtis & Co. Mfg. Co., mill & facty. supplies, 215 N. Desplaines, Chicago, Ill.
Curtis & Co. Mfg. Co., pneumatic machy, saws, clutch discs, etc. 1502H Kienlen av, St. Louis, Mo.
Curtis Corporation, canned goods., Long Beach, Cal.
Curtis & Curtis Co., steam fitters' supplies, mfrs., Bridgeport, Conn.
Curtis Dexter Co., horse collar pads, etc., Madison, Wis.
Curtis Espy & Co., automatic egg boilers, 158 N. Ashland bldg, Chicago, Ill.
Curtis, F. M., architect, Tampa, Fla.
Curtis, Fred W., plate glass, Troy, N. Y.
Curtis, Geo. R., paving contrs., 2440 E. 26th, Los Angeles, Cal.
Curtis & Gindall, contrs., Joliet, Ill.
Curtis & Haire, machsts., Woodsfield, Ohio.
Curtis, Henry Loomis, architect, Abington, Pa.
Curtis, Herman G., architect, 38 Wilby, Boston, Mass.
Curtis-Hosey Dryer Co., dryers, kilns, moisture scales & kiln drying apparatus, Lyle bldg., 23rd & Chestnut, Phila., Pa.
Curtis, J. A., cornices, Red Hook, N. Y.
Curtis, J. H., landscape archs., 220 Devonshire, Boston, Mass.
Curtis, Jas. C., & Co., coffins, etc., 1222 W. Van Buren, Chicago, Ill.
Curtis, John B., architect, Port Henry, N. Y.
Curtis, John, & Co., contractors, Wilkes-Barre, Pa.
Curtis-Leger Fixture Co., metallic shades, 235 W. Jackson blvd., Chicago, Ill.
Curtis, M. J., architect, Reno, Nev.
Curtis Machine Co., Milan, Ohio.
Curtis Machine Corp., wood working machy., Jamestown, N. Y.
Curtis & Marble Mach. Co., textile machy., Worcester, Mass.
Curtis, Mont G., Co., horse collars, Troy, N. Y.
Curtis, N. A., Mfg. Co., carpet sweepers, Columbus, Ohio.
Curtis & Pope Lumber Co., masons' & bldrs.' matls., 774 Albany, Boston, Mass.
Curtis, S. P., & Son ,masons' & bldrs.' matls., Rutland, Vt.
Curtis Sash & Door Co., Sioux City, Ia.
Curtis Screw Wks., Buffalo, N. Y.
Curtis & Spindell Co., elastic hosiery, Lynn, Mass.
Curtis Tire & Rubber Co., Muskegon, Mich.
Curtis T. I. & Son, contrs., Nashville, Tenn.
Curtis & Tompkins, chemists, 331 California, San Francisco, Cal.
Curtis, Towle & Paine Co., sashes, doors, blinds & store fixtures, Lincoln, Neb.
Curtis Truck & Forging Co., machinists, Decatur, Ill.
Curtis & Von Bernuth Mfg. Co., auto. & carriage robes & rugs, 88 W. B'way, New York.
Curtis, W. H., naval arch., Bates Bldg., Portland, Ore.
Curtis Wharf Co., masons' & bldrs.' matls., Anacortes, Wash.
Curtis, Wm., Sons Co., lumber, 30 Eustis, Boston, Mass.
Curtis-Willis Co., machy. dlrs., 30 Church, New York.
Curtis & Yale Co., masons' & bldrs.' matls., Wausau, Wis.
Curtis-Yale Howard Co., wood handles, 1805 S. E. 5th, Minneapolis, Minn.
Curtiss Aeroplane & Motor Corp., 1972 Elmwood, Buffalo, N. Y.
Curtiss Bros., sewing tables, Richland, N. Y.
Curtiss & Dean, contractors, Hartford, Conn.
Curtiss, Harold M., Coal Co., masons' & bldrs.' matls., Milford, Mass.
Curtiss, J. H., Co., ship water closets, 2 South, New York.
Curtiss, Louis, architect, 1118 McGee, Kansas City, Mo.
Curtiss & Pierpont Co., cornices, New Haven, Conn.
Curtiss, W. L., ties, poles, etc., Birge Bldg., Buffalo, N. Y.
Curtiss, Wm. M., Co., masons' & bldrs.' matls. & mill & facty. supplies, 5016 20th, N. W., Seattle, Wash.
Curtisville Tile & Brick Co., Curtisville, Ind.
Cusack, Andrew M., contractor, 319 Washington, Boston, Mass.
Cusack Hardware Co., wholesale hardware, 1004 Arch, Phila., Pa.
Cusacks, Philip Allain, archt., 12 E. 46th, New York.
Cusack, Thos., Co., signs, Harrison & Loomis, Chicago, Ill.
Cushen, P. J., contractor, 217 St. Paul, Baltimore, Md.
Cushing & Anderson, glass stainers, 155 Dudley, Rox., Boston, Mass.
Cushing, D., & Co., carnices, Lowell, Mass.
Cushing, G. W., contr., Richmond, Cal.
Cushing, L. W., & Son, weather vanes, Waltham, Mass.
Cushing Refining Co., petroleum and its products, Cushing, Okla.
Cushman Auto Tool Co., Champaign, Ill.
Cushman Chuck Co., Hartford, Conn.
Cushman & Denison Mfg. Co., stationers' spec., 240 W. 23d, New York.
Cushman Electric Co., machsts. & fndrs., Concord, N. H.
Cushman, H. T., Mfg. Co., music stands, North Bennington, Vt.
Cushman Motor Wks., engines, etc., Lincoln, Neb.
Cushman, Person W., steam htg. contr., 7516 Decker av, N. E., Cleveland, Ohio.
Cushman & Rankin Co., paper & pulp mills, Bath, N. H.
Cushman Sprayer Co., machsts. & fndrs., St. Joseph, Mo.
Cushman, W. D., masons' & bldrs.' matls., Poseyville, Ind.
Cushnoc Paper Co., Augusta, Me.
Cushwa, Victor, & Sons, masons' & bldrs.' matls., Williamsport, Md.
Cusick Cornice & Roofing Co., 2602 5th av, Pittsburgh, Pa.
Cussins, Chas. D., Co., wholesale hdwe., 170 N. 3d, Columbus, O.
Cussins & Fearn, whol. hdwe., 38-54H W. Spring, Columbus, Ohio.
Custen Bros., button mfrs., 111 5th av, New York.
Custer Coupling Co., Bradford, Pa.
Custer Lumber Co., Custer, Wash.
Custer Milling Co., flour, Custer, Okla.
Custer & Seltzer, architects, Camden, N. J.

Custer Specialty Co., aneroids, juvenile autos & aeroplane instruments, Dept. H, Dayton, Ohio.
Custer, W. F., & Son, carriage wrenches, hand power punch & shear combined, Summitville, Ind.
Custodis, Alphons, Chimney Const. Co., 95 Nassau, New York.
Custodis Chimney Co., contractors, 140 S. Dearborn, Chicago, Ill.
Cutaway Harrow Co., clod crushers, cutters, etc., Higganum, Conn.
Cuthbert Bros. Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Cuthbert, E. D., architect, 435 Kansas av, Topeka, Kan.
Cuthbert Oil Co., Cuthbert, Ga.
Cuthbertson, Elmer L., contractor, 334 Rox av, Philadelphia, Pa.
Cuthrell, John A., lbr. mfrs., Greentown, Ind.
Cuthrell, John, Box Co., lbr., Norfolk, Va.
Cutler Desk Co., filing cabinets, Buffalo, N. Y.
Cutler Dry Kiln Co., 20 Churchill, Buffalo, N. Y.
Cutler-Hammer Mfg. Co., electric controlling apparatus, lifting magnets & magnetic clutches, 12th & St. Paul av, Milwaukee, Wis. *See adv. index at end of book.*
Cutler Hardware Co., Waterloo, Ia.
Cutler, Magner Co., masons' & bldrs.' matls., Duluth, Minn.
Cutler Mail Chute Co., Rochester, N. Y.
Cutler Mills. See Reid Mills Co. (successors)
Cutler & Procter Stove Co., mchts. & fndrs., Peoria, Ill.
Cutler & Woodbridge, architects, 13th & N. Y. A., N. W., Washington, D. C.
Cutlers Pearl Mfg. Co., pocket knives, 55 Commercial, Newark, N. J.
Cutshall & Cutshall, contractors, Brazil, Ind.
Cutshall, Ira F., architect, Tarentum, Pa.
Cutsinger, F. M., lbr. mfrs., Evansville, Ind.
Cutter Elect'l & Mfg. Co., mfg. I-T-E circuit breakers (electrical), 19th & Hamilton, Phila., Pa.
Cutter & Cutter, auto trunks, 95 Bedford, Boston, Mass.
Cutter, George, Co., electrical lighting equipment, South Bend, Ind.
Cutter & Kirtland, architects, Sherwood bldg., Spokane, Wash.
Cutter, Leslie W., contractor, Bangor, Me.
Cutter Mfg. Co., rope cutters & twine holders, Orient av, Everett Station, Boston, Mass.
Cutter, Olin W., architect, 683 Atlantic av, Boston, Mass.
Cutter, Scott C., testing clamps, Oswego, Ill.
Cutter & Smith Co., sash, door & blind mfrs., 2176 Washington, Rox., Boston, Mass.
Cutter-Tower Co., toothpick mfrs., 405H Lexington av, New York.
Cutter, W. C., clay miners, Woodbridge, N. J.
Cutter & Wood Supply Co., machinists', foundry, metal polishers', & platers' & general factory supplies, 274 Friend, Boston, Mass. *See adv. index at end of book.*
Cutting, Carleton & Cutting, architects, 44 Front, Worcester, Mass.
Cutting, Frank R., masons' & bldrs.' matls., Lapeer, Mich.
Cuyahoga Boiler Works, 1206 Main av, Cleveland, Ohio.
Cuyahoga Builders' Supply Co., Schofield Bldg., Cleveland, Ohio.
Cuyahoga House Wrecking Co., bldg., materials, 6311 Kinsman rd, Cleveland, Ohio.
Cuyahoga Lumber Co., 1948 Carter rd, Cleveland, Ohio.
Cuyahoga Machine & Tool Co., 12416 Euclid av, Cleveland, Ohio
Cuyahoga Rendering & Soap Works, Denison av, S. W., Cleveland, Ohio.
Cuyahoga Roofing Co., cornices & skylights, Woodland & N. P. R R., Cleveland, Ohio.
Cuyahoga Spring Co., 10253 Berea rd., Cleveland, Ohio
Cuyahoga Tool Co., mchts., 103 E. Howard, Cleveland, Ohio
Cuyahoga Varnish Co., 8820 Bessemer av, Cleveland, Ohio
Cybur Lbr. Co., Cybur, Miss.
Cuyler & Mohler, mill & facty. & plumbers' supplies, 611 William, Baltimore, Md.
Cuyuna-Minneapolis Iron Co., 514 Plymouth Bldg., Minneapolis, Minn.
Cycle Hatcher Co., incubators, Elmira, N. Y.
Cycle Washing Mach. Co., 160 Ann, Chicago, Ill.
Cyclemotor Corp., 149 Cady, Rochester, N. Y.
Cyclomobile Mfg. Co., Toledo, O.
Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.
See adv index at end of book
Cyclone Fence Co., gates & iron fences, Waukegan, Ill.
Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.
Cyclone Mach. Co., coal drills, Pittston, Pa.
Cyclone Brush Co., hand vacuum cleaners, Bradford, Pa.
Cyclone Seeder Co.,, Urbana, Ind.
Cyclops Foundry Co., gray iron castings, Union Bk. Bldg., Pittsburgh, Pa.
Cyclops Iron Wks., 837 Folsom, San Francisco, Cal.
Cyclops Steel Co., steel mfrs., 120 Broadway, New York.
Cypher, J. L., fndrs., Connellsville, Pa.
Cyphers Incubator Co., 14 W. Bennett, Buffalo, N. Y.
Cypress Lumber Co.,, 88 Broad, Boston, Mass.
Cyr, John & Co., contrs., Lawrence, Mass.
Czar Ignition Co., spark plugs, 531 Ellicott, Buffalo, N. Y.
D & B Pump & Supply Co., 301H W av 26th, Los Angeles, Cal.
Daarf Contrg. Corp., 117 W. 25th, New York.
Dabbs & Wetmore, contrs., Meredien, Minn.
Dadant & Sons, bee keepers' supplies, Hamilton, Ill.
Dade Lumber Co., West Palm Beach, Fla.
Dadeville Cotton Oil Co., cottonseed meal, Dadeville, Ala.
Dadswell, Arthur L., contractor, 334 E. Ferry, Buffalo, N. Y.
Dady, M. J., contractor, 350 Fulton, Brooklyn, N. Y.
Daegling, A. V., contractor, 9000 Houston av, Chicago, Ill.
Daemicke, Paul J., Co., butchers' machy. & supplies, 321 W. South Water, Chicago, Ill
Dafoe-Eustice Co., canvas covers, 1164 W. Jefferson, Detroit, Mich.
Daggett & Curry Co., shades, Waltham, Mass.
Daggett, E. P., Canning Co., Coopersville, Mich.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Daggett, R. Frost, & Co., architects, Lemcke Annex, Indianapolis, Ind.
Daggett, R. P., & Co., architects, Lemcke Annex, Indianapolis, Ind.
Daggitts, Wm. K., & Sons, soap & soap yowders, 383 W. 12th, New York.
Daggetts & Ramsdell, shaving soap, 214 W. 14th, New York
D'Agostino, Jos., Co., contrs., 1834 Main, Bridgeport, Conn.
Dague, England D., architect, 836 N Church, Decatur, Ill.
Dahill, F. J., Co., contractors, 217 Water, New Haven, Conn.
Dahl, E. A., contractors, Duluth, Minn.

Dahl, Henry C., contractor, 231 S. 8th, Philadelphia, Pa.
Dahl Mfg. Co., heat regulators, Minneapolis, Minn.
Dahl Punctureless Tire Co., 1424 Hennepin av, Minneapolis, Minn.
Dahl-Stedman Co., contrs., 11 S La Salle, Chicago, Ill.
Dahlberg, John J., contr., Galesburg, Ill.
Dahlberg Office Supply Co., loose leaf devices, Des Moines, Ia.
Dahler Jerauld, architect, 320 5th av, New York
Dahlman Constr. Co., Majestic Bldg., Milwaukee, Wis.
Dahlquist Machy. Co., 240 S. Exchange, St. Paul, Minn.
Dahlquist Mfg. Co., coppersmiths, 40 W. 3rd, So. Boston, Mass.
See adv index at end of book.
Dahlstrom Metallic Door Co., 413 Buffalo, Jamestown, N. Y.
Dahmke, John J. A., Pkg. Co., meat, 2334 W. Lake, Chicago, Ill.
Dahnke-Walker Milling Co., flour, Union City, Tenn.
Daigger, A., & Co., laboratory supplies, 54 W. Kinzie, Chicago, Ill.
Daigle, A. F., & Son, lbr., Soldier Pond, Me.
Daigle Iron Works, 1967 W Lafayette, Detroit, Mich.
Daigneault, A., contractor, Woonsocket, R. I.
Dail Steel Products Co., stamping works, Lansing, Mich.
Dail, W. H., Jr., brick, Greenville, N. C.
Dailey, L. W., Stove Wks., Stillwater, Minn.
Dailey-Udell Co., canned goods, Brockport, N. Y.
Daily Building News, trade publications, Perry bldg, Phila., Pa.
Daily Mfg. Co., sporting goods, 432 E. 7th, St. Paul, Minn.
Dain Mfg. Co. of Iowa, agricultural implements & automobile bldrs., Ottumwa, Ia.
Dain & Vermilyea, M., masons' & bldrs.' matls., Flint, Mich.
Dains, N., Sons Co., masons' & bldrs.' matls., Peekskill, N. Y.
Dairy Cream Separator Co., Lebanon, Ind.
Dairy Machinery & Constr. Co., creamery machy., freezers, etc., Derby, Conn.
Davey Specialty Co. See Sharples Milker Co. (successor)
Dairymen's Supply Co. See Phila. Farmers' & Dairymen's Supply Co. (successors)
Daisy Mfg. Co., machsts. & fndrs., Plymouth, Mich.
Dake Engine Co., hoists, Grand Haven, Mich.
Dakota Construction Co., Grand Forks, N. D.
Dakota Iron Store, Sioux Falls, S. D.
Dakota Plaster Co., Rapid City, S. D.
Daland & Co., soap, 203 W. B'way, New York.
Dalby, H. L., canned goods, San Bernardino, Cal.
Dale, Chas. M., & Co., contrs., Lebanon, Ind.
Dale, Guy, architect, Corpus Christi, Tex.
Dale, John P., Machy. Co., Nashville, Tenn.
Dale Lighting Fixture Co., 107 W. 13th, New York.
Dalae Mach. Co., dlrs., 54 Lafayette, New York
Dale, Margaret, clothes lines, cotton mops, Arlington, Mass.
Dale-Rey Corp., machy. mfrs., 25 Church, New York.
Daleville Canning Co., Daleville, Ind.
Daleville Glass Co., bottles, Daleville, Ind.
Daley Bros. Constr. Co., Bolivar, Ohio.
Daley, Chas. & Co., contractors, Railway Exch. Bldg., Seattle, Wash.
Daley Geo. R., grading contr., San Diego, Cal.
Daley Ldry. Machy. Wks., 337 Butler, Brooklyn, N. Y.
Daley, R. A., sashes, doors & blinds, Rawlins, Wyo.
Daley, Robt. D., Co., contractors, 6 Church, New Haven, Conn.
Dalglish, Robert, contractor, Morristown, N. J.
Dalk & Lindberg, sash, door & blind mfrs., Seattle, Wash.
Dalkena Lumber Co., Dalkena, Wash.
Dall, Bowers, Inc., contractor, 348 Trumbull, Hartford, Conn.
Dall, J., Constr. Co., Grand Central Terminal, New York.
Dall, Wm., contractor, 1276 W. 3rd, N. W., Cleveland, Ohio.
Dallas, A. C., & Sons. See Dallas Brass & Copper Co. (successors)
Dallas, B. B., tubular boilers, Knoxville, Tenn.
Dallas & Bertram, mill & facty. supplies, New Iberia, La.
Dallas Brass & Copper Co., rods, sheets, tubes, etc., 820 Orleans, Chicago, Ill.
Dallas Coffin Co., Dallas, Tex.
Dallas Cooperage & Woodenware Co., Dallas, Tex.
Dallas Cotton Mills, Dallas, Tex.
Dallas Fertilizer Reduction Co., Dallas, Tex.
Dallas Fdy., Dallas, Tex.
Dallas Lime & Gravel Co., Dallas, Tex.
Dallas Mfg. Co., cotton sheetings, Huntsville, Ala.
Dallas Mill Supply Co., Dallas, Texas.
Dallas & Nardulli, stone producers, 608 Larimer av, Pitts., Pa.
Dallas Oil & Refining Co., Dallas, Tex.
Dallas Screen Co., Dallas, Tex.
Dallas Show Case & Mfg. Co., Dallas, Tex.
Dallas Waste Mills, cotton & wool, Dallas, Tex.
Dalleske, A. C., & Co., architect, Federal bldg, Youngstown, Ohio
Dallett & Co., elec. fy. supplies, Harrison Bldg., Phila., Pa.
Dallett, E. James, architect, Equitable Bldg., Wilmington, Del.
Dallett, Thos. H. Co., pneumatic tools, 1324 Federal, Phila., Pa.
Dalley, F. F., Co., shoe polishes, Buffalo, N. Y.
Dallis, P. A. (mill & engr.), architect, Candler Bldg., Atlanta, Ga.
Dallman, Chas. F., & Son, stone producers, 5816 Laflin, Chicago, Ill.
Dallman & Cooper Supply Co., mill & facty. supplies, Fond Du Lac, Wis.
Dally, S. W. R., masons' & bldrs. matls., Seattle, Wash.
Dalrymple, H. L., canned goods, Marshfield, Mo.
Dalsey, Harry L., architect, 2321 W. North av, Chicago, Ill.
Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.
Dalton Auto. & Machine Co., Dalton, Ga.
Dalton Bros. Brick Co., Hopkinsville, Ky.
Dalton Bros., hdwe, Winston-Salem, N. C.
Dalton Excelsior Co., Dalton, Ga.
Dalton Foundry, Warsaw, Ind.
Dalton Furn. Co., Dept. H, Highpoint, N. C.
Dalton, Henry, & Sons Co., machinist, Oakland, Cal.
Dalton-Ingersoll Mfg. Co., plumbers' supplies, jobbers, 52 Chauncy, Boston, Mass.
Dalton, J. D., & Son, masons' & bldrs.' matls., Aurora, Ill.
Dalton, John, electroplating, 20 Jacob, New York.
Dalton, Jno., Co., Ltd., masons' & bldrs' matls., Morgan City, La.
Dalton Mfg. Corp., lathes, 1915 Park av, New York.
Dalton, N. Hamilton, architect, 749 Madison av, New York
Dalton Pottery Co., Dalton, Ohio.
Dalton Supply Co., plbrs. supplies, etc., Dalton, Pa.
Dalton, V. N., architect, Foxcroft bldg., San Francisco, Cal.
Daly Bros., Sup. & Engng. Co., steam fitters' supp., Waterbury, Conn.
Daly Furn. Co., Dept. H, Fort Smith, Ark.
Daly & Hannan Dredging Co., Ogdensburg, N. Y.
Daly & Hopper, cornices & skyl'ts, 1802 11th, Washington, D. C.
Daly, J. A., brick, Nevada, Mo.
Daly, John J., Iron, Steel & Metal Co., 101 Nott av, Long Island City, N. Y.
Daly, M., stone producers, Conshohocken, Pa.
Daly, M. J., & Sons, mechanical & construction engineers, also jobbers in mill, steam & plumbing & factory supplies, 543 to 555 Bank, Waterbury, Conn.
Daly & Merritt, contrs., Portchester, N. Y.
Daly Plumbing Supply Co., 93 Cummings, Boston, Mass.
Daly & Rutherford, cornices, Jackson, Mich.
Daly, Samuel L., architect, Metropolis, Ill.
Daly, T. J., contractor, Augusta, Ga.
Dalzell Bros. Co., cornices, Youngstown, Ohio.
Dalziel-Moller Co., plumbers' supplies, jobbers, 556 Mission, San Francisco, Cal.
Damas & Francis, machsts., Sonora, Cal.
Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio.
Damascus Bronze Co., bronze castings and ingot metals, Pittsburgh, Pa.
Damascus Crucible Steel Casting Co., New Brighton, Pa.
Damascus Lbr. Co., Damascus, Va.
Damascus Mfg. Co., oils & greases, Cassius, Cleveland, Ohio.
Dambach, Edw., Co., lumber, Evans City, Pa.
Dame Furniture Co., Harriman, Tenn.
Dame Mantel Co. See Dame Furniture Co. (successors)
Dame, Melvin A., & Son Co., heaters, Lynn, Mass.
Dame, Stoddard, Co., who. hdwe., 374 Washington, Boston, Mass.
Dameron-Pierson Co., Ltd., mfg. stationery, 400 Camp, New Orleans, La.
Dameron, W. A., & Bro., canned goods, Weems, Va.
Damhorst, Wm. S., brick, Quincy, Ill.
Damm, Jos., stone producers, 1403 East, Pittsburgh, Pa.
Damon, Arlington, machsts. & fndrs., Buckfield, Me.
Damon Bros., axe mfrs., Carmel, Me.
Damon, C. Page, architect, Haverhill, Mass.
Damon Co., buttons & horn hair pins, Leominster, Mass.
Damon, E. O., Jr., architect, Fort Dodge, Ia.
Damon, Geo., & Sons, printing presses & machy., 44 Beekman, New York.
Damon & Glenn, general machsts. & die makers, 189 High, Boston, Mass.
Damon, J. F., machsts. & fndrs., Milford, Mass.
Damon Spec. Co., auto polish, 516 E 9th, Los Angeles, Cal.
Damon, W. F., flour mills, Elkton, Ky.
Damon, W. L., Co., masons' & bldrs.' matls., New Britain, Conn.
Damon, Walter S., packing boxes, State Line, N. H.
D'Amour Mach. Wks., 78 Cortlandt, New York.
Dan Patch Co., children's vehicles, Connersville, Ind.
Dan Valley Mills, flour, Danville, Va.
Dana, C. H., markers (poultry, cattle, etc.), West Lebanon, N. H.
Dana Canned Goods Co., Belpre, Ohio.
Dana Ca., machsts. & fndrs., Platteville, Wis.
Dana, Edward Percy, architect, 120 Tremont, Boston, Mass.
Dana, Geo. W., furniture, Dept. H, Camden, N. Y.
Dana Hardware Co., 28 Pearl, Boston, Mass.
Dana, Richard Henry, Jr., architect, 331 Madison av, New York
Dana Warehouse Co., masons' & bldrs.' matls., 271 Snelling av, N., St. Paul, Minn.
Dana Warp Mills, bags, etc., Westbrook, Me.
Danaher Lumber Co., Tacoma, Wash.
Danaher, R. E., Co., lumber, Majestic Bldg., Detroit, Mich.
Danahy Packing Co., meat, 25 Metcalf, Buffalo, N. Y.
Danberg C. A. Co., brass & composition fndrs, New Britain, Conn.
Danbury Hardware Co., Danbury, Conn.
Danbury Square Box Co., Danbury, Conn.
Dancyger Safety Pin Ticket Co., 4707 Detroit, Cleveland, Ohio.
Dane Machine Co., Salem, Mass.
Dane Mfg. Co., insulation, 333 6th av, Newark, N. J.
Danely, Paul, architect, 812 S Race, Urbana, Ill.
Danforth Chemical Co., insecticides, Leominster, Mass.
Danforth, Eugene, spool wood, Bangor, Me.
Danforth, John W., Co., contractors, 70 Ellicott, Buffalo, N. Y.
Dangel, David, & Sons, contractors, Wilmington, Del.
Dangler, Harold G., architect, 215 Montague, Brooklyn, N. Y.
Dangler Stove Co., 5017 Perkins av, Cleveland, Ohio.
Dangles, Jacob, & Son, meat packers, 722 Myrtle av, Bklyn., N. Y.
Daniel Contracting Co., 503 Market, San Francisco, Cal.
Daniel, G. W., canned goods, Amburg, Va.
Daniel, Jacob, Brick Co., 291 Clippert av, Detroit, Mich.
Daniel Sidney, architect, Peters bldg, Atlanta, Ga.
Daniel Sons & Palmer Co., fertilizer, Millen, Ga.
Daniel, W. H., Supply Co., fertz. mfrs., Mullins, S. C.
Daniell & Bentell, architects, Peters bldg, Atlanta, Ga.
Daniels, Arthur, Co., contrs., tools & supp., 13 Park Row, New York.
Daniels, C. R., Inc., sail makers, etc., 115 South, New York
Daniels, Chas. A., contrs., Adams, Mass.
Daniels, D. L., & Co., granite producers, Milford, N. H.
Daniels, Fred, fertilizer mfr., Johnsonburg, N. Y.
Daniels, Fred G., architect, Pawtucket, R. I.
Daniels, Geo. A., gas ranges, 100 William, New York.
Daniels, Geo. E., carriage wheels, Rowley, Mass.
Daniels, H. T., manhole covers, 171 Westminster, Providence, R. I.
Daniels & Lyst, contractors, Anderson, Ind.
Daniels Mach. Co., cutting machy., S. Royalton, Vt.
Daniels, Moses, cornices & skylights, Brunswick, Ga.
Daniels Motor Car Co., Reading, Pa.
Daniels, Oscar, Co., contractors, iron & steel, 325 W. 29th, Chicago, Ill.
Daniels Road Oiling Co. See Daniels, H. T. (successors)
Daniels, Sam'l A., machinist, Waterville, N. Y.
Daniels, Z. C., lbr., Beckville, Texas.
Danielson, B. J., bldg. contr., 638 Mineral, Milwaukee, Wis.
Danielson, Chas., contractor, Duluth, Minn.
Danielson, Daniel, contractor, 874 Layton blvd, Milwaukee, Wis.
Danielson Engine Works, 507 W. Jackson, Chicago, Ill.
Danielson, J. C., & Co., pliers, Jamestown, N. Y.
Danielson & Pierce, lbr., Rhinelander, Wis.
Danis, Hunt, Constr. Co., Main bet. 1st & 2nd, Dayton, Ohio.
Danker, Brunn, & Son, contractors, Johnstown, Pa.

Dann Bros. & Co., auto. bodies, fenders, seats, etc., New Haven, Conn.
Dann Products Co., bronze bearings, 1084 E. 152nd, Cleveland, O.
Dannehl, Valentine, machsts. & fndrs., Fredericksburg, Va.
Dannenhoffer Glass Wks., 330 Himrod, Brooklyn, N. Y.
Danner, Adam, Co., machinists, Yonkers, N. Y.
Danner, J., broom corn, Humboldt, Ill.
Danser Mfg. & Supply Co., mill & facty. supplies, Weston, W. Va.
Dantzler, L. N., Lbr. Co., Moss Point, Miss.
Dantzler Shipbldg. & Dry Dock Co., Moss Point, Miss.
Dant & Russell, Inc., lbr., Northwestern Bank bldg., Portland, Ore.
Danubil Co., Inc., packing mfrs., Postal Telegraph Bldg., New York.
Danver, R. H., machinist, 845 Pennsylvania av, N. S.,, Pittsburgh, Pa.
Danvers Leather Co., leather boards, 161 Devonshire, Boston, Mass.
Danversport Rubber Co., Danversport, Mass.
Danville Brick Co., Danville, Ill.
Danville Buggy Co., Danville, Ill.
Danville Canning Co., Danville, Ind.
Danville Hardware Co., Danville, Va.
Danville Iron & Steel Co., Danville, Pa.
Danville Lime & Cement Co., masons' & bldrs.' matls., Danville, Ill.
Danville Lounge & Mattress Co., Danville, Ill.
Danville Lbr. Co., Danville, Ill.
Danville Lumber & Mfg. Co., Danville, Ky.
Danville Lumber & Mfg. Co., Danville, Va.
Danville Malleable Iron Co., Danville, Ill.
Danville Stove & Mfg. Co., Danville, Pa.
Danville Struct. Tubing Co., Danville, Pa.
Danz, H., Jr., cornices & skylights, Green Bay, Wis.
Danzeisen Pckg. Co., meat packers, Decatur, Ill.
Danzer Lumber Co., Hagerstown, Md.
Danzer Metal Works, cornices & skylights, Hagerstown, Md.
Danzer, Wm. F., & Co., contractors, South Bethlehem, Pa.
Danziger Furn. Co., Dept. H, Shelbyville, Ind.
Danzis, G., watchmakers' tools, 47 Ann, New York.
Daprato Statuary Co., marble interior wk., 766 W. Adams, Chicago, Ill. *See adv. index at end of book.*
Darby, Edw., & Sons Co., wire goods, 412 N. 18th, Phila., Pa.
Darby, H. M., architect, Elkins, W. Va.
Darby & King Hdwe. Co., Florence, Ala.
Darby, Rezin W., contractor, 3009 O, N. W., Washington, D. C.
Darbyshire, A. J., brick, Sabina, Ohio.
Darbyshire, Harvie, Iron & Mach. Co., El Paso, Tex.
Darcey, D. J., contractor, West New Brighton, N. Y.
Darche Mfg. Co., elec. alarm clocks, 643 W. Washington, blvd, Chicago, Ill.
D'Arcy Advertising Co., International Life bldg, St. Louis, Mo.
D'Arcy & Sons Co., sash, door & blind, 61 Washington, N., Boston, Mass.
D'Arcy Spring Co., Kalamazoo, Mich.
Darden, J. M., contractor, Suffolk, Va.
Dare Lbr. Co., Elizabeth City, N. C.
Dargan Wagoner Co., lbr., Pamplico, S. C.
Dargent, Chas., glass floats, 360 Crescent, Brooklyn, N. Y.
Dark & Co., contractors, 654 Main, Buffalo, N. Y.
Dark, Stephen C., architect, 159 E. Market, Indianapolis, Ind.
Darling, C. H., mill & facty. supplies & whol. hdwe., Woonsocket, R. I.
Darling, C. Harry, machinist, Trenton, N. J.
Darling, C. P., Co., packing boxes & cloth boards, 415 Charles, Providence, R. I.
Darling, Chas., & Co., lbr., 1055 W. 22d, Chicago, Ill.
Darling & Co., tallow, 4201 S. Ashland av, Chicago, Ill.
Darling, F. W., Co., masons' & bldrs.' matls., Hyde Park, Mass.
Darling, J. W., Lumber Co., 2d National Bk. Bldg., Cincinnati, O.
Darling, Joseph E., architect, Bennett Bldg., Fall River, Mass.
Darling, Jos. M., contractor, Fall River, Mass.
Darling, L. B., Fertilizer Co., Worcester, Mass.
Darling Machine Co., machsts. & fndrs., 2110 Superior av, N. W., Cleveland, Ohio.
Darling, O. J., & Co., plumbers' pumps, 372 Kirby av, W. Detroit, Mich.
Darling-Slade Constr. Co., Newport, R. I.
Darling, H. J., architect, Empire bldg., Detroit, Mich.
Darling Valve & Mfg. Co. (Ltd.), Williamsport, Pa.
Darling, Walter S., masons' & bldrs.' matls., Kingston, N. Y.
Darling, Wm. P., masons' & bldrs.' matls., Kalamazoo, Mich.
Darlington Brick & Mining Co., Darlington, Pa.
Darlington Brick & Tile Co., Darlington, S. C.
Darlington Fertilizer Co., Darlington, S. C.
Darlington, Howard G., contractor, West Chester, Pa.
Darlington Iron Wks., Darlington, S. C.
Darlington's, M., Sons, canned goods, Pomeroy, Pa.
Darmer, C. A., architect, 1111½ B'way, Tacoma, Wash.
Darnell, R. J., Inc., lbr., Batesville, Miss.
Darr, J. M., & Sons Planing Mill Co., 1317 Kentucky av, St. Louis, Mo.
Darragh, Small & Co. (Ltd.), cocoanut oil, cocoa mats, 177 Water, N. Y. City.
Darrah Milling Co., flour, Big Rapids, Mich.
Darrah, R. F., Lbr. Co., Meridian, Miss.
Darrell, Geo. Chas., architect, 7944 Burnham av, Chicago, Ill.
Darrin, D. H., rheostats, 4 White, New York.
Darrow, Alfred L., architect, 8 Beacon, Boston, Mass.
Darrow & Comstock Co., mill & facty. supplies, New London, Conn.
Darrow, F. H., Steel Boat Co., Albion, Mich.
Darrow's, Rufus, Son, masons' & bldrs.' matls., 618 W. 49th, New York.
Darsh, Chas. H., architect, Westfield, N. J.
Darst, Otto C., architect, Brunson Bldg., Columbus, O.
Dart, D. C., architect, Judge bldg, Salt Lake City, Utah
Dart, E. M., Mfg. Co., pipe union mfrs., 134 Thurbers av, Providence, R. I. *See adv index at end of book*
Dart, H. W., lumber, Dartford, Wash.
Dart, Jas. A., & Son, cornices, Port Huron, Mich.
Dart Truck & Tractor Corp., Waterloo, Ia.
Darting & McGavren, canned goods, Glenwood, Ia.
Daru & Huffman, elec. light fix. mfrs., 18 Bergen, Brooklyn, N. Y.
Darwin & Milner, steel, 156 B'way, New York.
Dary Ring Traveler Co., tex. machy., supplies, etc., Taunton, Mass.
Dassau, Fred'k, architect, 1373 B'way, Brooklyn, N. Y.

Datz, Albert Co., advtg. novelties, Jersey City, N. J.
Datz, Chas. F., Co., packing box mfrs., Cabot & York, Philadelphia, Pa.
Daube & Hopken, balances, assay & analytical, 39 Carlton av, Jersey City, N. J.
Daubenmire, C. E., drain tile, Union City, Ind.
Daubenspeck, Chas. B., contractor, Allentown, Pa.
Dauber Bell Mach. Co., Oshkosh, Wis.
Dauber-Kratsch Co., machinists, Oshkosh, Wis.
Dauch Mfg. Co., traction engines, Sandusky, Ohio.
Dauchy, Chas. H., & Co., plate glass, Troy, N. Y.
Dauchy Iron Wks., 223 W. Illinois, Chicago, Ill.
Daudy, Oliver, contr., Findlay, Ill.
Daugherty, A. E., watchman's clocks, Penn Bldg., Pittsburgh, Pa.
Daugherty Bros. Brick Co., Kittanning, Pa.
Daugherty Bros.' Hdwe. Co., whol. hdwe., Wellington, Ohio.
Daugherty Foundry Co., Allentown, Pa.
Daugherty-Smith-Phillips Co., electricians' drills, 502 W. Division, Chicago, Ill.
Daugherty, W. E., gas machs., etc., Princeton, Ind.
Daugherty, W. H., & Son, petroleum, Petrolia, Pa.
Dauley & Wright, stone producers, Oneonta, N. Y.
Daum, A. F., fuses, plugs & shells, 1157 Hodgkiss, Pittsburgh, Pa.
Daum & Helm Hdwe. Co., whol., 623 Ohio, N. S., Pittsburgh, Pa.
Dauphin, Wm., Bronze & Iron Wks., 141 W. 33d, New York.
Dauplais, A., bldg. contr., Superior, Wis.
Dauplais, A. J., contractor, Superior, Wis.
Daus, Felix F., Duplicator Co., 111 John, New York.
Dautel, L., & Son Co., contractor, 5710 Hough av, N. E., Cleveland, Ohio.
Dautoff, J. D., architect, Stock Exch. Bldg., Portland, Ore.
Dautremont, Frank, brick, Monticello, Ia.
Davelaar, M., & Son Co., brick, 153 Pryor av, Milwaukee, Wis.
Davenport, A. H., Co., furniture, 573H, Boston, Mass.
Davenport Bedding Co., mattresses, Davenport, Iowa.
Davenport Brick & Tile Co., Davenport, Ia.
Davenport Granitoid Co., Davenport, Ia.
Davenport-Brown Co., sash, door & blind mfrs., Somerville, Mass.
Davenport, Harry C., founders, Blissfield, Mich.
Davenport Implement Co., 110 W. Los Angeles, Los Angeles, Cal.
Davenport, John, Co., machsts. & fndrs., Stamford, Conn.
Davenport & Keeler, chemists, New Britain, Conn.
Davenport, L. M., Co. See Davenport Implt. Co. (successors)
Davenport Ladder Co., Davenport, Ia.
Davenport Locomotive Works, Davenport, Ia.
Davenport Mach. & Fdry. Co., Davenport, Ia.
Davenport Machine Tool Co., clock pinions, drilling & automatic screw machy., New Bedford, Mass.
Davenport Mfg. Co., machsts. & fndrs., Davenport, Ia.
Davenport, Mart, & Co., htg. contrs., Lockport, N. Y.
Davenport-Paine Co., lbr. mfrs., Holquiam, Wash.
Davenport Pearl Button Co., Davenport, Ia.
Davenport, Peters Co., lumber, 70 Kilby, Boston, Mass.
Davenport Planter Co., Wheaton, Ill.
Davenport-Treacey Piano Co., 518 W. 55th, New York.
Davenport Wagon Co., Davenport, Ia.
Davenport & Williams, architects, Castle Hall, Indianapolis, Ind.
Daverman, J. & G., architects, Ass'n of Commerce Bldg, Grand Rapids, Mich.
Davey, E. H., Co., paper & pulp mills, Bloomfield, N. J.
Davey Fibre Products Co., cardboard, gaskets, 95 Boyd av, Jersey City, N. J.
Davey, John H., granite tools, New London, Conn.
Davey, W. O., & Sons, paper board mills, 169 Laidlaw, Jersey City, N. J.
Davia Bros., floor mosaics, 161 W. 24th, Chicago, Ill.
David, Lester W., lumber Co., Seattle, Wash.
David, P., Co., machinists, 19 Sharon bldg, San Francisco, Cal.
Davidheiser, F. B., brick, Pottstown, Pa.
Davidoff, J., mchy., guards & safety devices, 733 Lafayette av., Brooklyn, N. Y.
Davids Bros., Inc., sealing wax & wood cements, 79 Cortlandt, New York.
Davids, Thaddeus, Ink Co., 97 Vandam, New York.
Davidsen, Wayland F., architect, Charlestown, W. Va.
Davidson, A. C., contractor, Rochester, Ind.
Davidson, Alex., masons' & bldrs.' matls., Canandaigua, N. Y.
Davidson Benjamin H., architect, 7 Bloomfield, Lynn, Mass.
Davidson, Chas., elec. & gas light fixtures, 37 Rankin, Newark, N. J.
Davidson, Chas. E., portable grain elevator, Eureka,Ill.
Davidson Commission Co., fullers' earth, 140 W. Van Buren, Chicago, Ill.
Davidson Construction Co., 1445 E. 16th, Los Angeles, Cal.
Davidson, D. H., pckg. box mfrs., 2005 Washn. av, Phila., Pa.
Davidson-Dietrich Plow Co., Evansville, Ind.
Davidson-East-Molyneaux Co., flour mills, Rockwood, Tenn.
Davidson, F. F., architect, Monadnock Bldg., Chicago, Ill.
Davidson Fan Co., ventilating, Newton, Mass.
Davidson, Frank E., architect, 53 W. Jackson blvd, Chicago, Ill.
Davidson Granite Co., Lithonia, Ga.
Davidson, H. B., carriages, Springfield, Ill.
Davidson Hdwe. Co., Dept. H, Beaver Falls, Pa.
Davidson, Harry E., architect, 46 Cornhill, Boston, Mass.
Davidson Heating & Construction Co., heating appliances, 80 York, Hanover, Pa.
Davidson, Hicks & Greene Co., lumber, Nashville, Tenn.
Davidson, Jas., ship builders, Bay City, Mich.
Davidson, J. M., contractor, Akron, Ohio.
Davidson, J. W., & Co., elec. light fix. mfrs., 629 Main, Cincinnati, Ohio.
Davidson, John J., contr., Ansonia, Conn.
Davidson, Leroy S., & Co., lbr., Camden, S. C.
Davidson-Lewis Metal Products Co., Inc., mill & facty. supplies, 217 B'way, New York.
Davidson, M. I., Co., hair cloth mfrs., 1100 Shackamaxon, Philadelphia, Pa.
Davidson, M. T., Co., hair cloth mfrs., 1100 Shackamaxon, Phila., Pa.
Davidson Mill & Elevator, flour, Muskogee, Okla.
Davidson Ore Mining Co., White Bldg., Buffalo, N. Y.
Davidson, Peter, McLeod, contr., Galesburg, Ill.
Davidson Pipe & Iron Co., second-hand pipe, 436 Kent av, Brooklyn, N. Y.
Davidson, Richard Co., dock bldr., New London, Conn.

Davidson Rubber Co., Boston, Mass.
Davidson, S. M., Co., mason's & bldrs.' matls., Beacon, N. Y.
Davidson Steel & Forging Corp., 122 Maiden la, New York.
Davidson & Stevenson Porcelain Co., insulators, East Liverpool, Ohio.
Davidson Tool Mfg. Corp., 122 Maiden lane, New York.
Davidson, V., Furn. Co., 1114H 21st, S., Seattle, Wash.
Davidson, W. H., dry docks, New London, Conn.
Davidson, W. J., & Sons See Davidson Hdwe. Co. (successors)
Davie, J. T., Brick Co., common, Spokane, Wash.
Davie Tool Co., amplifying gauges, 1660 E. 118th, Cleveland, Ohio
Davies Box & Lbr. Co., Blairsden, Cal.
Davies, Edgar W., canned goods, Leesburg, N. J.
Davies, J. C., contractor, Saginaw, Mich.
Davies, John, architect, 177 Castleton av, Tompkinsville, N. Y.
Davies, John G., machinist, Sacramento, Cal.
Davies, John J., & Co., steel struct. dlrs., 20th & Clearfield, Philadelphia, Pa.
Davies, K. M., Co., canned goods, Williamson, N. Y.
Davies-Putnam Co., furniture, Dept. H, Grand Rapids, Mich.
Davies Supply Co., mill & facty. & plumbers' supplies, 412 W. Ontario, Chicago, Ill.
Davies & Thomas Co., machsts. & fndrs., Catasauqua, Pa.
Davies, Young Soap Co., Dayton, Ohio.
D'Avignon, Francis P., stone producers, New London, Conn.
Davin, J. J., drilling tools, Washington, Pa.
Davis, A., & Bros., crushed stone, Richmond, Va.
Davis, A. C., architect, Shawnee, Okla.
Davis, A. C., Lbr. Co., Columbus, Ohio.
Davis, A. L., Son, agric. imps., Binghamton, N. Y.
Davis, Abraham, architect, 13 Newark av, Jersey City, N. J.
Davis Acetylene Co.,, 90 Prospect, Elkhart, Ind.
Davis, Albert E., architect, 258 E. 138th, New York.
Davis & Andrews Co., flour mills, Memphis, Tenn.
Davis, B. F. & C. M. Co., contrs., Fort Worth, Tex.
Davis Bar Harbor Buckboard Co., carriages, Bar Harbor, Me.
Davis-Birely Table Co., Shelbyville, Ind.
Davis Boring Tool Co., 3722 Forest Pk. blvd., St. Louis, Mo.
Davis-Bournonville Co., oxyacetylene welding & cutting apparatus, Van Wagner av, Jersey City, N. J.
Davis Brake Beam Co., Johnstown, Pa.
Davis, Brinton B., architect, Starks bldg., Louisville, Ky.
Davis & Brooks. See Brooks W. F. (successors)
Davis Bros., concrete reinf. bars, spikes, etc., 29th & Bristol, Philadelphia, Pa.
Davis Bros., contractors, Richmond, Va.
Davis Bros., cornices & skylights, 204 Dilworth, Pittsburgh, Pa.
Davis Bros., flour mills, Smyrna, Tenn.
Davis Bros. & Co., masons' & bldrs.' matls., Saltsburg, Pa.
Davis Bros., monuments, Riverton, Vt.
Davis Bros. Lumber Co., Ltd., Ansley, La.
Davis Bros. Stone Co., Lannon, Wis.
Davis, C. A., contractor, 19th & Pierce, Minneapolis, Minn.
Davis, C. A., & Son, masons' & bldrs.' matls., Goshen, Ind.
Davis, C. E., Mach. Co., engine lathes, special mach. & key seating tools, 133 Andrews, Rochester, N. Y.
Davis, C. E., Packing Co., fertilizer mfrs., Fleeton, Va.
Davis, C. H., & Co., Inc., meat packers, Norwich, Conn.
Davis, C. L., elec. contr., Whittier, Cal.
Davis, C. M., & Co., woolen flannels, Northfield, Vt.
Davis, C. W., contractor, Champaign, Ill.
Davis Chair Co., Marysville, Ohio.
Davis, Chas. E., Fdry. Co., gray iron coatings, Rutland, Vt.
Davis, Chas. J., Bldg. Co., contrs., Albany, N. Y.
Davis Coal & Coke Co., Continental Bldg., Baltimore, Md.
Davis & Coleman Co., Inc., contrs., Binghamton, N. Y.
Davis Const. Co., htg. contrs., 56 W. Kinzie, Chicago, Ill.
Davis Construction Co., Plymouth Bldg., Minneapolis, Minn.
Davis & Dane, architects, 1024 Main, Bridgeport, Conn.
Davis, David, architect, 1st Nat'l Bank Bldg., Cincinnati, Ohio.
Davis, David R., architect, 526 S. Wisconsin, Racine, Wis
Davis & Davis, architects, 64 E. Van Buren, Chicago, Ill.
Davis, E. C., & Co., machinists, Seneca Falls, N. Y.
Davis, E. J., Machy. Works, mill & facty. supplies, Burlington, Vt.
Davis, E. T., & Son, contrs., Springfield, Mass.
Davis, Edw. H.-Lewis, George M. D., architects, Union Bank bldg., Scranton, Pa.
Davis, Ed. L., architect, 159 Clinton, Schenectady, N. Y.
Davis, Edward L., Lumber Co., Louisville, Ky.
Davis Ellery, architect, S. M. L. Bldg., Lincoln, Neb.
Davis, Emry, inks, inkstands, 298 B'way, New York.
Davis, F. H., machinist, Cambridge, Mass.
Davis & Farnum Mfg. Co., machsts. & fndrs., Waltham, Mass.
Davis Fire Brick Co., Oak Hill, Ohio.
Davis Foundry Co., Hornell, N. Y.
Davis Foundry Co., Lawrence, Mass.
Davis Foundry & Machine Works, Rome, Ga.
Davis, Frank A., mason contr., Danielson, Conn.
Davis, Fred'k L., architect, Leominster, Mass.
Davis & Furber Machine Co., North Andover, Mass.
Davis, G. M., & Son, tanks—wood, Palatka, Fla.
Davis, G. R., cornices & sylights, Paducah, Ky.
Davis & Geck, cat-gut, 221 Duffield, Brooklyn, N. Y.
Davis, Geo. A., Construction Co., South Bend, Ind.
Davis, Geo. C., chemists, engineers, 39 S. 10th, Philadelphia, Pa.
Davis, Geo. H., architect, 527 Moss av, Peoria, Ill.
Davis, Geo. H., stone, Blue Springs, Neb.
Davis, G. M., Regulator Co., 434 Milwaukee av, Chicago, Ill.
Davis, Geo. M., & Son, contrs., Equitable Bldg., Boston Mass.
Davis, Geo. W., carriage robes, Worcester, Mass.
Davis, Geo. W., Motor Car Co., Richmond, Ind.
Davis, H. B., Co., enamels, paints, varnishes, etc., Bayard & Severn, Baltimore, Md.
Davis-Hansen Co., lift pumps, Oshkosh, Wis.
Davis Hardware Co. See Superior Mfg. Co. (successor)
Davis & Hemphill, screw mach. products, Elkridge, Md.
Davis, Henry D., Lumber Co., Northwest Bank bldg., Portland, Ore.
Davis, Hy. J., & Co., lbr., Clarksdale, Miss.
Davis, Herbert S., architect, 200 5th av, New York
Davis, Herbert M., machsts. & fndrs., Dover, N. H.
Davis & Hopkins Lumber Co., Princeton, Ill.
Davis, Horwich & Steinman, bedstead mfrs., 2236 La Salle, Chicago, Ill.
Davis, Howe & Co., machsts. & fndrs., Salt Lake City, Utah.
Davis-Hunt Constr. Co., Schwind bldg., Dayton, Ohio
Davis, Hunt & Collister Co., hdwe. merchants, 2056 Ontario, Cleveland, Ohio.
Davis Instrument Mfg. Co., anemometers, 112 W. Fayette, Baltimore, Md.
Davis, J. C., contractor, Garfield Bldg., Cleveland, Ohio.
Davis, J. H., cream separators, Sparta, Wis.
Davis, J. H., & Son, lumber, Kathleen, Ga.
Davis, J. L., & D. M., lbr., Kerlin, Ark.
Davis, J. P., contractors, Owensboro, Ky.
Davis, J. W., architect, Warren, Ohio.
Davis, J. W., contractor, Newport News, Va.
Davis, Jas. & Son, machsts., 463 Pacific av, Jersey City, N. J.
Davis, Jno., cornices, 170 Court, Brooklyn, N. Y.
Davis, John B., ladders, ironing boards, curtain stretchers, Clinton, Me.
Davis, John C., contractor, Scranton, Pa.
Davis-Johnson Mfg. Co., machsts., 4811 W. Jackson, Chicago, Ill.
Davis, Jos. S., machsts. & fndrs., Omaha, Neb.
Davis-Klaber Co., wool pullers, 605 No. 3rd, Newark, N. J.
Davis, L. D., fndrs., Wilmington, Del.
Davis, L. E., machst. & fndr., Hinckley, Ill.
Davis, L. M., contractor, Pensacola, Fla.
Davis, L. O. & E. S., masons' & bldrs.' matls., Middleton, Conn.
Davis, Lewis T., contractor, Poughkeepsie, N. Y.
Davis & Lippincott, canned goods, Woodstown, N. J.
Davis, Louis N., machsts., West Chester, Pa.
Davis Lumber Co., Shamokin, Pa.
Davis Lumber & Planing Mill Co., sash, door & blind, Christiana, Pa.
Davis, McGrath & Kiessling, architects, 220 5th av, New York
Davis & McLane Mfg. Co., tex. machy., supplies, roll covers, Fall River, Mass.
Davis, M. B., turpentine, Farmdale, Fla.
Davis, M. L., lumber mfr., Oak Grove, Ala.
Davis, M. M., & Son, ship bldrs., Solomons, Md.
Davis, M., & Sons, machsts., Salem, Ohio.
Davis, M. Stuart, architect, Louisburg, N. C.
Davis Mach. & Motor Co., Inc., second hand motors, 59 Mechanic, Newark, N. J.
Davis Mach. Shop, Rock Island, Ill.
Davis Machine Tool Co., Rochester, N. Y.
Davis Mfg. Co., baling presses, 137 Freeman, Brooklyn, N. Y.
Davis Mfg. Co., tractor motors, 57th & Mitchell, Milwaukee, Wis.
Davis Marble Co., floor mosaics, 1450 W. North av, Chicago, Ill.
Davis Mill Co., flour, Galesville, Wis.
Davis, Millard F., architect, Hildreth Bldg., Lowell, Mass.
Davis & Millbery, contrs., Zanesville, Ohio.
Davis, Milton C., contractor, 902 W. 36th, Baltimore, Md.
Davis & Mowrey, masons' & bldrs.' matls., Spring City, Pa.
Davis, N. Frank, mill & facty. supplies, Fall River, Mass.
Davis, N. R., & Sons, machsts. & fndrs., Assonet, Mass.
Davis, Neal R., architect, Central Natl. Bank bldg., St. Louis, Mo.
Davis, Norris K., concrete mixers & machy., steam rollers, road machy., etc., 400H 7th, San Francisco, Cal.
Davis, O. C., Co., steam fitters' supplies, Racine, Wis.
Davis, O. L., canned goods, Park Rapids, Minn.
Davis, O. L., Lumber Co., Trinadad, Colo.
Davis Oil Co., tallow, 95 9th, Brooklyn, N. Y.
Davis, P. Pierpont, & Walters, architects, Exchange bldg., Los Angeles, Cal.
Davis Paper Co., lthr. boards, Contoocook, N. H.
Davis Paper Co., West Hopkinton, N. H.
Davis Planing Mill Co., sashes, doors & blinds, Springfield, Mo.
Davis, E., lbr., Hawes, Ark.
Davis, R. G., contractor, Carnegie, Pa.
Davis, Rodney, gears, 624 Race, Philadelphia, Pa.
Davis, S. H., Co., mill & facty. supplies & wholesale hdwe & auto motor supplies, 68 Portland, Boston, Mass.
Davis, S. & Paul A., 3d, architects, 1713 Sansome, Phila., Pa.
Davis & Sargent Lbr. Co., Lowell, Mass.
Davis Scott Belting Co., mill & facty. supplies, 108 Union, Portland, Ore.
Davis Sewing Machine Co., Dayton, Ohio.
Davis & Sherer Co., factory equipment, 113 So. Ludlow, Dayton, Ohio.
Davis & Siehl Co., iron fences, 4032 Hamilton av, Cincinnati, O.
Davis Slate & Mfg. Co., structural slate, 618 E. 40th, Chicago, Ill.
Davis Smith Co., business greeting cards, 530 Atlantic av, Boston, Mass.
Davis-Smith Co., contractors, 516 Federal, Pittsburgh, Pa.
Davis-Speyer Co., sashes, doors & blinds, Hoboken, N. J.
Davis Springs Co., Inc., flour, Hiddenite, N. C.
Davis Sulphur Ore Co., 65 Wall, New York.
Davis, T. E., architect, Asheville, N. C.
Davis, Thos., & Sons, buttons, 103 Oliver, Newark, N. J.
Davis & Thomas Co., catch basins, grey iron castings, manhole covers, plates, retorts, etc., Catasaqua, Pa.
Davis Trap Rock Works, stone producers, Parkway Bldg., Philadelphia, Pa.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Davis, W. A., Contrg. Co., Joliet, Ill.
Davis, W. Benj., Brick Co., Richmond, Va.
Davis, W. G., Coal Co., masons' & bldrs.' matls., Oak Park, Ill.
Davis, W. M., Stave Co., Memphis, Tenn.
Davis, W. M., & Son, brick, Common, Knoxville, Tenn.
Davis, W., & Sons, harness, saddles, mfrs., 333 Market, San Francisco, Cal.
Davis, W. T., & Co., machinists, Comstock, Mich.
Davis, W. W., glass stainers, 3922 Olive, St. Louis, Mo.
Davis Warehouse Co., Columbus, Ga.
Davis-Warner Arms Corp., gun, pistol & revolver mfrs., 96 Chambers, New York.
Davis-Watkins Dairymen's Mfg. Co., supplies, etc., N. Chicago, Ill. (tr.)
Davis-Watson Mfg. Co., flanges, flashings, roofs, Nashua, N. H.
Davis & Webb, contrs., Tampa, Fla.
Davis Welding & Mfg. Co., storage tanks, 1543 Queen City av, Cincinnati, Ohio.
Davis, Wm. A., Co., inks, mucilage, etc., 40 Batterymarch, Boston, Mass.
Davis, Wm. D., carriages, Lockport, N. Y.
Davis, Wm. E, & Co, brick, New Haven, Conn
Davis, Wm. F., Mach. Tool Co., Inc., 85 Liberty, New York.
Davis, Z. B., Corp., contractors, New Bedford, Mass.
Davis, Zachary T., architect, 64 E. Van Buren, Chicago, Ill.

Davis-Zirkle Lbr. Co., Zirkle, Ga.
Davisboro Fertilizer Co., Davisboro, Ga.
Davison Chemical Co., acid mfrs., Garrett Bldg., Baltimore, Md.
Davison Htg. & Cons. Co., Hanover, Pa.
Davison & Jones, contractors, Malden, Boston, Mass.
Davison, N. C., Gas Burner & Welding Co., 3145 Penn av, Pittsburgh, Pa.
Davison-Namack Fdry. Co., Ballston Spa, N. Y.
Davisson, O. J., machst. & fndr., Mechanicsville, Ia.
Davisson, R. R., Contracting Co., Monrovia, Cal.
Davitt Iron Fdry., Springfield, Mass.
Davock Building Co., Campau Bldg., Detroit, Mich.
Davol Mills, cotton sheetings, Fall River, Mass.
Davol Rubber Co., stationers' & druggists' rubber sundries, 69 Point, Providence, R. I.
Davoren Brass Finishing Wks., 1241- 12th, Denver, Colo.
Davy Automatic Fire Escape Co., 117 W. Taylor, Syracuse, N.Y.
Davy & Co., wood handles, Evart, Mich.
Dawes Electric Sign Mfg. Co., Arrott Power Bldg., Pitts'bg., Pa.
Dawkins Bros. Co., lbr., Ironton, Ohio.
Dawkins Lumber Co., Ashland, Ky.
Dawless, Frank S., contr., Stamford, Conn.
Dawley Furn. Co., Dept. H, Charleston, W. Va.
Dawn Lbr. Co., Auberry, Cal.
Dawson, Albert, corset laces, Pawtucket, R. I.
Dawson, Alex. A., contractor, Yonkers, N. Y.
Dawson & Archer, 15 E. 40th, New York.
Dawson, B. C., brick, Jefferson City, Mo.
Dawson Binder Co., 216 N. Main, St. Louis, Mo.
Dawson Brick & Tile Co., Springfield, Ill.
Dawson Bros., contractors, 3638 Central av, Minneapolis, Minn
Dawson Bros., contractors, Syracuse, N. Y.
Dawson Bros., fireplace furnishings mfrs., 523 N. Halsted, Chicago, Ill.
Dawson, Charles W., architect, Muskogee, Okla.
Dawson, Chas. W., machst. & fndr., Elwood, Ind.
Dawson Constr. Co., May Bldg., Pittsburgh, Pa.
Dawson, J. R., Mfg. Co., carpet & egg beaters, cork screws, etc., Fairhill Station, Philadelphia, Pa.
Dawson, M. C., brick, Rushville, Ind.
Dawson Milling Co., flour, Dawson Springs, Ky.
Dawson, Wm. E., masons' & bldrs.' matls., Batavia, N. Y.
Dawson, Wm. P., architect, Canton, Ohio
Day, B. T. & S. P., Co., varnish mfrs., 2394 Canal rd, Cleveland, Ohio.
Day, Beaner Wade, Esq., archit., Pioneer bldg., St. Paul, Minn.
Day, Bergwall Co., sweeping compounds, 289 E. Water, Milwaukee, Wis.
Day Chemical Co., Westline, Pa.
Day Co., mechanical dust collectors, 1004 Lyndale, Minneapolis, Minn.
Day, Dexter D., & Son, lime mfrs., Ira, Vt.
Day, E. H., lbr. mfrs., Independence, La.
Day-Elder Motors Co., 20 Cort, Newark, N. J.
Day & Frick, soap, 1760 N. Howard, Philadelphia, Pa.
Day, Geo. F., spark plugs, 21 Haverhill, Boston, Mass.
Day, H. L., Sons & Co., mattresses, Bangor, Me.
Day, H. P. & E., hard rubber, Seymour, Conn.
Day, Hiram, masons' & bldrs.' matls., Rensselaer, Ind.
Day & Holt Co., cornices, Catskill, N. Y.
Day, J. H., Co., bakers', etc., machinery, Cincinnati, Ohio
Day, J. Taylor, lumber, Hazel Green, Ky.
Day, Jas. B., & Co., varnish mfrs., 214 W. Ohio, Chicago, Ill.
Day, John Bagley, architect, 1265 Broadway, New York.
Day, John, Rubber & Supply Co., mill & facty. supplies, Omaha, Neb.
Day, John W., & Son, contractors, Gloucester, Mass.
Day & Klauder, architects, 925 Chestnut, Philadelphia, Pa.
Day & Lee Co., cornices, 107 Water, New Haven, Conn.
Day Light Co., paint mfrs., 24 S. 7th, Philadelphia, Pa.
Day Lumber Co., Big Lake, Wash.
Day Lumber Co., Seattle, Wash.
Day Lumber & Coal Co., Jackson, Ky.
Day Mach. Co., dlrs., Buffalo, N. Y.
Day, N. Curtis, masons' & bldrs.' matls., Fletcher Sav. & Trust Bldg., Indianapolis, Ind.
Day, Robert L., architect, Huntington, W. Va.
Day Rubber Co., mill supplies, 415 N. 4th, St. Louis, Mo.
Day, S. A., Mfg. Co., metal polish & plating supplies, 1483 Niagara, Buffalo, N. Y.
Day & Sachs, contrs., Dept. H, Farley bldg, Birmingham, Ala.
Day, Stephen, & Son, contractors, New Albany, Ind.
Day, T. J., stone, Butler, Mo.
Day, Thos., Co., elec., gas light fix. mfrs. & machsts. & fndrs., 725 Mission, San Francisco, Cal.
Day, W. J., screw machine products, Forestville, Conn.
Day, Warren W., architect, Peoria Life bldg, Peoria, Ill.
Day, Wm. M., lumber mfr., Salisburg, Md.
Day & Zimmerman, Inc., modernizing engineers, 611 Chestnut, Philadelphia, Pa.
Daydark Specialty Co., cameras, 2823 Benton, St. Louis, Mo.
Daykin Bros., machsts. & fndrs., 1606 W. 25th, Cleveland, Ohio.
Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.
Days, F. A., & Sons, masons' & bldrs.' matls., Provincetown, Mass.
Dayton Aero Motors Co., Dayton, Ohio.
Dayton Art Glass Wks., Dayton, Ohio.
Dayton Asphalt Roofing & Paving Co., Dayton, Ohio.
Dayton Automobile Wheel Co., Dayton, Ohio
DAYTON BEATER & HOIST CO., paper mill beating engines, rendering tanks, head gates and hoists, Dayton, Ohio.
See adv. index at end of book.
Dayton Body Co., Dayton, Ohio.
Dayton Brass Castings Co., founders, Dayton, Ohio.
Dayton Bronze Bearing Co., machinists, Dayton, Ohio.
Dayton Builders' Supply Co., Dayton, Ohio.
Dayton Car Wrench Co., 15 S. Brown, Dayton, Ohio.
Dayton Casket Co., Dayton, Ohio.
Dayton Castings Co., machsts. & fndrs., Dayton, Ohio.
Dayton D., Handle Co. See Dayton Handle & Golf Co. (successors)
Dayton-Dowd Co., engines, pumps, mills & tractors, etc., Quincy, Ill.
Dayton Elec. Car Co., stor. battery trucks, Dayton, Ohio.
Dayton Electrical Mfg. Co., dynamos, motors, etc., Dayton, Ohio.
Dayton Engine Wks., Dayton, Ohio.
Dayton Engineering Laboratories Co., automobile self-starters, Dayton, Ohio.

Dayton Fan & Motor Co., Dayton, Ohio.
Dayton Fare Recorder Co., registers, Dayton, Ohio.
Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
Dayton Friction Toy Wks., Dayton, Ohio.
Dayton Globe Iron Works Co., Dayton, Ohio.
Dayton Glove Co., 440 Maryland, Dayton, Ohio.
Dayton Grinding Wheel Co., emery wheel mfrs., Dayton, Ohio.
Dayton Handle & Golf Co., Dayton, Ohio
Dayton Hardware & Machy. Co., 1st & Taylor, Portland, Ore.
Dayton Iron & Metal Co., scrap iron & rubber, Dayton, Ohio.
Dayton Iron & Steel Co., Dayton, Ohio.
Dayton Last Wks., shoe lasts, Dayton, Ohio.
Dayton Lens & Glass Beveling Works, 612-614 Washington, Dayton, Ohio.
Dayton Lbr. & Mfg. Co., Dayton, Ohio.
Dayton Mach. Products Co., dies, tools, etc., Dayton, Ohio.
Dayton Malleable Iron Co., castings, Dayton, Ohio.
Dayton Mfg. Co., railway supplies, etc., Dayton, Ohio.
Dayton Milling Co., flour, Dayton, Tenn.
Dayton Milling Co., rye flour, Towanda, Pa.
Dayton Molding Machine Co., Dayton, Ohio
Dayton & Montgomery, htg. contrs., 9 Lafayette, Brooklyn, N. Y.
Dayton Motor Truck Co., Dayton, Ohio.
Dayton-Oldham Granite Wks., stone producers, Mason City, Ia. (tr.)
Dayton Paper Nov. Co., wood dishes, Dayton, Ohio.
Dayton Pipe Coupling Co., Dayton, Ohio.
Dayton Pitless Scale Co., Dayton, Ohio.
Dayton Plating & Mfg. Co., Dayton, Ohio.
Dayton Pneumatic Tool Co., Dayton, Ohio.
Dayton Pump & Mfg. Co., Dayton, Ohio.
Dayton Reliance Tool & Mfg. Co., Dayton, Ohio.
Dayton Rubber Mfg. Co., Dayton, Ohio.
Dayton Sawmill & Lbr. Co., Hall, Wash.
Dayton Screw Co., Dayton, Ohio.
Dayton & Smith, architects, Perth Amboy, N. J.
Dayton Specialty Mach. Co., Dayton, Ohio.
Dayton Stamping & Tool Co., Dayton, Ohio.
Dayton Standard Scale Co., Dayton, Ohio
Dayton Steel Constr. Co., Howell & Wilbur, Dayton, Ohio.
Dayton Steel Foundry Co., Dayton, Ohio.
Dayton Stencil Wks., Dayton Ohio.
Dayton Supply Co., plumbers' supplies—jobbers, Dayton, Ohio.
Dayton Tool Co., Dayton, Ohio.
Dayton Toy & Specialty Co., poultry fountains, Dayton, Ohio.
Dayton, W. B., & Son, htg. contrs., 291 Schermerhorn, Brooklyn, N. Y.
Dayton Washington Mach. Motor Co., Dayton, Ohio.
Dayton Welding & Mfg. Co., clothes washing machines, Dayton, Ohio.
Dayton, Wm. H., machst. & fndr., North Harpersfield, N. Y.
Dayton, Wm. H., disinfectants, 4108 E. 100th, Cleveland, Ohio.
Dayton Wire Wheel Co., Dayton, Ohio.
Dayton Wright Airplane Co., Dayton, Ohio.
Daytons' Soap Mfg. Co., Millville, N. J.
Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.
D. C. Mfg. Co., supply and waste (bath), Canton, Ohio.
D. & D. Electric Co., electric controllers, mfrs., 53 W 3d, New York.
Deacon Bros., granite, S. Quincy, Quincy, Mass.
Deacon, D. cornices & skylights, Stoughton, Mass.
Deacon, J. C., & Co., lumber mfrs., Loomis S. of 22d, Chicago, Ill.
Deacon, Walter, & Co., granite, S. Quincy, Quincy, Mass.
Deadwyler, A. B., fertilizer, Commerce, Ga.
Deady, P. F., cornices, Terre Haute, Ind.
Deakins, Herbert, contractor, 2311 Palm Beach, Pittsburgh, Pa.
Deal Curtiss Lbr. Co., Inc., Coal Fire, Ala.
Deal & Ginzel, architects, Lincoln, Ill.
Deal Island Packing Co., canned goods, Deal Island, Md.
Deal, L. K., Lumber Co., Des Moines, Ia.
Deal Lbr. Co., Buhl, Ala.
Dealano, E. A., Co., machinists, 1401 W. North, Chicago, Ill.
Dealers Elec. Light Co., 500 E. 40th, Chicago, Ill.
Dealers Steam Packing Co., Palmyra, N. Y.
De Alloqui V. Y. Co., mill and facty. supplies, Chicago, Ill.
Deamude Machine Co., machsts. & fndrs., 1591 Columbus rd, Cleveland, Ohio.
Dean, Arthur, architect, 137 S. La Salle, Chicago, Ill.
Dean, Arthur, landscape architect, 137 E. 55th, New York
Dean & Barry Co., paint mfrs., Locust & Ludlow, Columbus, Ohio.
Dean & Blake, htg. contractors, 668 Fulton, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W. 10th, Indianapolis, Ind.
Dean, C. P., Corp., store fixtures, Richmond, Va.
Dean, Danford W., contractor, Olean, N. Y.
Dean, E. Clarence, architect, 2 W. 47th, New York.
Dean, Edw., Co., architects, 2 W. 47th, New York.
Dean, F. W., mill engrs., 53 State, Boston, Mass.
Dean Forging Co., Muncie, Ind.
Dean, H. C., cornices & skylights, Vassar, Mich.
Dean, Harry, architect, 1035 Curtis av, Richmond Hill, N. Y.
Dean, Jno. M., Corp., talking machine needles, pins, Putnam, Conn.
Dean, Levi J., architect, Huntington, W. Va.
Dean Lbr. & Fuel Co., Spokane, Wash.
Dean, Marshall A., architect, Central bldg., Wenatchee, Wash.
Dean Mill Co., flour, Ava, Ill.
Dean, O. J., & Co., elec. ventilating app., Assn. Bldg., Chicago, Ill.
Dean, Olney J. & Co., steel bars, 19 S. La Salle, Chicago, Ill.
Dean, O. M., & Sons, corn brooms & steel wire brushes, Worcester, Mass.
Dean Reversible Window Co., 551 Brannan, San Francisco, Cal.
Dean, Ruth, landscape architect, 4 W. 40th, New York.
Dean, Silas, & Son, rye & buckwheat flour, Oak Hill, N. Y.
Dean Steam Pump Co., machsts. & fndrs., Holyoke, Mass.
Dean, W. J., contractor, 1861 10th, E., Salt Lake City, Utah
Dean, Walter R., hot air furnaces, Oakham, Mass.
Dean & Williams Co., children's vehicles & garment hangers, 4317 Elston av, Chicago, Ill.
Deane, A. M., & Co., granite, S. Quincy, Quincy, Mass.
Deane, E. L., Machine Co., water filters, T squares, Holyoke, Mass.
Deane Mach. Co., Fitchburg, Mass.
Dearborn Brass Co., Cedar Rapids, Ia.
Dearborn Canning Co., Dearborn, Mo.
Dearborn Concretetile Co., Aurora, Ind.

Dearborn Construction Co., Waterloo, Ia.
Dearborn Duster Co., 550 W. Harrison, Chicago, Ill
Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
Dearborn Desk Mfg. Co., Marion, Ind.
Dearborn Foundry Co., manhole covers, crestings & finials, 345 W. 23rd, Chicago, Ill.
Dearborn, H., & Sons, stone producers, Stone City, Ia.
Dearborn Mach. Wks., 410 S. Dearborn, Chicago, Ill.
Dearborn Truck Co., 2015 S. Mich., Chicago, Ill.
Dearhammer, A. L., contractor, Beloit, Wis.
Dearking, E. L., cornices, 1663 Iliff av, Cincinnati, Ohio.
Dearinger & Brunner, lumber, Addy, Wash.
De Arment, Carl, brick, Petoskey, Mich.
De Arment, F. H., & Co., architect, Everett bldg, Akron, Ohio
De Armond, Ashmead & Bickley, architects, 1102 Franklin Trust bldg., Philadelphia, Pa.
Deas, Chas., architect, Goodwyn Institute bldg., Memphis, Tenn.
Deatherage, Ben. S., Lumber Co., 403 R. A. Long Bldg., Kansas City, Mo.
Deatherage Lbr. Co., sash, door & blind mfrs., 403 R. A. Long Bldg., Kansas City, Mo.
Deaton, G. H., & Co., advtg. nov., 171 N. Green, Chicago, Ill.
Deats, Emley H., lbr., Pittstown, N. J.
Deats, Hiram, Jr., rollers—land & field, Pittstown, N. J.
Deavitt, H. M., chemist, 209 S. La Salle, Chicago, Ill.
Deavitt Laboratories, 209 So. La Salle, Chicago, Ill.
De Bar Co., oils, varnish, bronzing liquids, 58 Delavan, Brooklyn, N. Y.
De Bardeleben Coal Co., Birmingham, Ala.
De Been, Jacob & Son, baseball mfrs., Albany, N. Y.
Debevoise-Anderson Co., pig iron, coke, ores, 56 Liberty, New York.
Debevoise Co., paint mfrs., 968 Grand av, Brooklyn, N. Y.
Debo & McLain Canning Co., Goodview, Va.
Debrook Co., chemical dealers, 15 Park Row, New York.
Debs, Chas. H., Co., elec. light fix. mfrs., 170 W. Randolph, Chicago, Ill.
Debus, Wm., architect, 86 Cedar, Brooklyn, N. Y.
De Busk, John, flour mills, Glade Springs, Va.
De Buys, Rathbone, architect, Hibernia Bldg., New Orleans, La.
De Bruycker, August, chimney tops, 171 7th av, Brooklyn, N. Y.
Decalcomania Co., transfer ornaments, 20 W. Jackson blvd., Chicago, Ill.
De Camp Benj. C., architect, Gerks bldg., Cincinnati, Ohio.
De Camp, Lee, architect, Empress Theatre Bldg., Grand Rapids, Mich.
De Camp & Sloan Inc., contractors, 168 Pennington, Newark, N. J.
Decarbonated Lime & Stone Co., Waynesboro, Pa.
Decarie Incinerator Co., garbage disposal plants, McKnight Bldg., Minneapolis, Minn.
Decatur Brick Mfg. Co., Decatur, Ill.
Decatur Brick & Tile Co., Albany, Ala.
Decatur Bridge Co., steel struct. wk., Decatur, Ill.
Decatur Bldrs. Supply Co., masons' & bldrs.' matls., Decatur, Ill.
Decatur Coffin Co., Decatur, Ill.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Decatur Cornice & Roofing Co., Decatur, Ill.
Decatur Const. Co., contrs., Decatur, Ill.
Decatur Fertilizer Co., Decatur, Ala.
Decatur Fertilizer Co., Decatur, Ind.
Decatur Fdry. Co., Decatur, Ill.
Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
Decatur Fountain Co., Decatur, Ill.
Decatur Hoop & Lumber Co., Decatur, Mich.
Decatur & Hopkins Co., whol. hdwe., 120 High, Boston, Mass.
Decatur Lbr. & Mfg. Co., masons' & bldrs.' matls., Decatur, Ill.
Decatur Malleable Iron Co., castings, Decatur, Ill.
Decatur Mfg. Co., wire fences & gates, Decatur, Ill.
Decatur Novelty Wks., gasoline engines, calf weaners, special machy., smoke stacks, etc., Decatur, Ill.
Decatur Pump & Mfg. Co., circuit breakers, automatic controllers, valves, etc., Decatur, Ill.
Decatur Specialty Co., flue cleaners, Decatur, Ill.
Decatur Trunk Facty., Decatur, Ill.
Dececo Co., plumbers' supplies—jobbers, 157 High, Boston, Mass.
Decherd Mill Co., flour, Decherd, Tenn.
Deck Bros., machsts., Buffalo, N. Y.
Deckebach, F. C., Sons Co., fndrs., 123 W. Court, Cincinnati, O.
Decker, Adam, Hardware Co., 347 Jackson, St. Paul, Minn.
Decker Bros. Co., pianos, 1223 Miller, Chicago, Ill.
Decker, C. F., masons' & bldrs.' matls., Vermilion, Ohio.
Decker Co., billiard tables, 62 Cooper sq., New York.
Decker, E. S., sash, door & blind mfrs., Springfield, Mass.
Decker, E. F., saw works, Albany, N. Y.
Decker, Fred'k, & Son, contractors, 1209 E. Biddle, Balto., Md.
Decker, Harry M., architect, 609 B'way, Utica, N. Y.
Decker, Jacob E., & Sons, meat packers, Mason City, Ia.
Decker, John, architect, 19 Ridgeview av, West Orange, N. J.
Decker, John, & Son, cornices, 2704 Girard av, Philadelphia, Pa.
Decker, Louis, cornices, La Porte, Ind.
Decker Mfg. Co., hog ringers, hardware, Keokuk, Iowa.
Decker Mfg. Co., self-heating soldering irons, gasoline blow torches, 251 Elm, Newark, N. J.
Decker Moulding & Mfg. Co., filing cabinets, phonographs, etc., 9th & Monroe, Chicago, Ill.
Decker Moulding & Mfg. Co., wedges, etc., 9th & Monroe, St. Louis, Mo.
Decker, O. S., & Co., rolled steel floor plates, House Bldg., Pittsburgh, Pa.
Decker, R. A., architect, Rhinebeck, N. Y.
Decker & Son, pianos, 701 E. 135th, New York.
Deckert, W. D., Co., mill & facty. supplies, Dubuque, Ia.
Deckman-Duty Brick Co., Swetland Bldg., Cleveland, Ohio.
Decktar, H. C., architect, 740 Union, New Orleans, La.
Decorative Art Glass Co., Davenport, Ia.
Decorative Glass Co., 3248 Chestnut, Philadelphia, Pa.
Decorative Glass Studios, Inc., 152 W. 21st, New York.
Decorative Stone Co., artificial bldg. stone, New Haven, Conn.
Decorators Supply Co., architectural decorators, models, supplies, etc., Archer & Leo, Chicago, Ill.
Decorus Mfg. Co., sugar dispensers, 33 Union Sq., New York.
De Coster, Mills & Co., contractors, Morristown, N. J.
De Cou, Richard, Co., scrap iron, 12th & Noble, Philadelphia, Pa.
DeCourcy, A. B., & Co., organs, 634 Harrison av, Boston, Mass.
De Croupet Iron Wks., fndrs., 345 Monroe av, Detroit, Mich.
De Curtins, Andrew, architect, Lima, Ohio.
Dederichs, Peter, architect, Detroit Bk. bldg, Detroit, Mich.
Dederick, A. E., contractor, Kingston, N. Y.
Dedham Pottery Co., East Dedham, Mass.
De Dion-Bouton Auto Co., 110 W. 54th, New York.
Dedrick, N., machsts., Manitowoc, Wis.
Dee, Thos. J., & Co., smelters & refiners, 5 S. Wabash av, Chicago, Ill.
Dee, Wm. E., Co., castings, sewer pipes, gratings, etc., 30 N. La Salle, Chicago, Ill.
Deed, Wm. J., Jr., naval archt., 112 Water, Boston, Mass.
Deegan, E. J., Mfg. Co., The, damper regulators, 756 Whitlock av, New York.
Deeken, John Henri, archt., Trust Central Bldg., Cincinnati, O.
Deeks, Deeks & Smith, bldg., contrs., Exchange Bank Bldg., St. Paul, Minn.
Deeley, Robt., & Co., mach. dealer, 29 B'way, New York.
Deem, E. A., lbr., Dayton, Ohio.
Deemer, A. D., Furn. Co., Dept. H, Brookville, Pa.
Deemer Steel Casting Co., New Castle, Del.
Deen, C. Clarence, flour mills, Fowling Creek, Md.
Deen Loom Co., machsts. & fndrs., Harlan, Ia.
Deen Turpentine Co., Loughman, Fla.
Deep River Brick & Tile Co., Deep River, Ia.
Deep River Lbr. Co., Norfolk, Va.
Deer, A. J. Co., machsts., Hornell, N. Y.
Deer Park Lbr. Co., Deer Park, Wash.
Deere & Co., agricultural implements, Moline, Ill.
Deere & Mansur Wks., seeders, Moline, Ill.
Deere, John, Harvester Wks., binders, mowers, etc., East Moline, Ill.
Deere, John, Plow Co., silos, 130 Hickory, Kansas City, Mo.
Deere, John, Plow Co., wagons, 2294 B'way, N. St. Louis, Mo.
Deere, John, Plow Works, agricultural implements, Moline, Ill.
Deere, John, Wagon Works, Moline, Ill.
Deerfield Pulp Co., Wilmington, Vt.
Deering, G. G., & Co., ship bldrs., Bath, Me.
Deering, J. G., & Son, lbr., Biddeford, Me.
Deering, R. A., & Son, cornices & skylights, Newport, Me.
Deering Wks., mchts., fndrs., 1734 Fullerton av, Chicago, Ill.
Deeter, Isaac, brick, Pleasant Hill, Ohio.
Deetz Sheet Metal & Roofing Co., conices, Duluth, Minn.
Deeves, G. H., Lbr. Co., ties, poles, etc., Ry. Ecxh., Chicago, Ill.
Deeves, J. H., & Bro., contractors, 543 E. 117th, New York.
Deeves, Richard, & Son, contractors, 309 B'way, New York.
Defender Automatic Regulator Co., Howard bldg, St. Louis, Mo.
Defender Photo Supply Co., Rochester, N. Y.
Defendorf, Chas. J., bldg. contr., Auburn, N. Y.
De Fi Mfg. Co., carbon paper, etc., 150 Nassau, New York.
Defina, Rocco V., mason, Danbury, Conn.
Defiance Box Co., Defiance, Ohio.
Defiance Button Mach. Co., 43 W. 24th, New York.
Defiance Carriage Co., Defiance, Ohio.
Defiance Checkwriter Corp., Rochester, N. Y.
Defiance Glove & Mitten Works Co., Defiance, Ohio.
Defiance Lantern & Stamping Co., 15 Caledonia av, Rochester, N. Y.
Defiance Lumber Co., Tacoma, Wash.
Defiance Machine Works, Woodworking, Defiance, Ohio.
Defiance Mfg. Co., blue & black prints, drawing materials, 22 E 41st, New York
Defiance Paper Co., Niagara Falls, N. Y.
Defiance Pressed Steel Co., machsts., Defiance, Ohio.
Defiance Screw Machine Products Co., Defiance, Ohio.
Defiance Starch Co., Omaha, Neb.
Defiance Welding Co., machsts., Defiance, Ohio.
De Foe Boat & Motor Wks., Bay City, Mich.
Deford Co., lthr. belt butts, 42 S. Calvert, Baltimore, Md.
De Forest, Alling, architect, Sibley Bldg., Rochester, N. Y.
De Forest, E. G., architect, 280 Madison av, New York.
De Forest & Hotchkiss Co., lbr. mfrs., 115 Water, New Haven, Conn.
De Forest Radio Telephone & Tel. Co., 1391 Sedgwick av, New York.
De Forge, L. M., mill & facty. supplies, 83 Hixon pl, Newark, N. J.
De Frain Sand Co., Beach & Berks, Philadelphia, Pa.
Defrees, C. H., masons' & bldrs. matls., contractor, South Bend, Ind.
De Frehn, W. & Sons, revolving chairs, Johnstown, Pa.
Defreville, J., castings, 142 McWhorter, Newark, N. J.
De Garmo, Walter C., architect, Miami, Fla.
Degen, L. P., Belting Co., 258 Mission, San Francisco, Cal.
Degenhart & Co., cornices, 1846 Niagara, Buffalo, N. Y.
De Gerdsdorff, Geo. B., architect, 103 Park av, New York.
Degnon Contracting Co., 68 Hunters Pt. av, Long Isl. City, N. Y.
De Golyer, Robt. S., architect, 7 S Dearborn, Chicago, Ill.
De Golyer Varnish Wks., Troy, N. Y.
De Gouvela, Jos., contractor, Jacksonville, Ill.
De Graff Canning Co., De Graff, Ohio.
De Grasse Paper Co., Pyrites, N. Y.
De Grauw, Aymer & Co., cordage mfrs., boat oars, 34 South, New York.
De Groot, Wm. E., contractor, Bristol, Pa.
De Guere, L. A., architect, Grand Rapids, Wis.
De Haas, N. G., lumber, masons' & bldrs.' matls., Marquette, Mich.
De Hammel Construction Co., Swetland Bldg., Cleveland, Ohio.
De Hart, I. C., & Co., lbr. mfrs., Hartville, Va.
De Hart, I. N., & Son, sash, door & blind, Nashville, Tenn.
De Hart, John, architect, 1039 Fox, New York.
De Hart Mfg. Co., machsts., 418 W. 28th, New York.
De Haven, B. F., flour mills, Gainsboro, Va.
De Haven Mfg. Co., bands, box straps, pail clasps, bale ties box & crate fasteners, etc., 50 Columbia Hgts., B'klyn, N. Y
De Hertogh, Ruckaberle & Co., architects, 25 W. 42d, New York
Dehler Bros. Co., contrs.' supplies & whol. hdwe., 116 E Market, Louisville, Ky.
Dehli, Arne, architect, 116 W 32nd, New York
Dehls & Stein, Inc., chemical boiler compounds, etc., 239 South Newark, N. J.
Dehner & Wershey, cornices, Lincoln, Ill.
De Huff & Hopkins, sluice gates & hydraulic jacks, 5234 Chestnut, Phila., Pa.
Deible, H. C., carriages, Reynoldsville, Pa.
Deibler, Geo. H., contractor, McAlester, Okla.
Deil, Louis E., architect, 1133 Broadway, New York.
Deily & Fowler Mfg. Co., gas holders, 39 Laurel, Phila., Pa.
Deily, G. B. F., masons' & bldrs.' matls., Catasauqua, Pa.
Deinzer Mfg. Co., spring beds, mattresses, 57 Catherine, Detroit Mich.
Deisher, J. S., canned goods, Fincastle, Va.

Deisler, J. G., contractor, 105 W. 40th, New York.
Deissler, P. & Bro., metal casements, etc., 249 S. 6th, Phila., Pa
Deister Concentrator Co., Ft. Wayne, Ind.
Deister Machine Co., machsts., Ft. Wayne, Ind.
Deitering, Chas. H., architect, Central Nat'l Bk. Bldg., St. Louis Mo.
Deitrich, Wm. H., contractor, Danville, Va.
Deitsch Bros., traveling bags, 14 E. 17th, New York.
Deitz, Alonzo E., locks, 73 Clymer, Brooklyn, N. Y.
Deitz, R. E., Co., laterns, 60 Laight, New York.
De Jong, Chas., Bldg. Co., Paterson, N. J.
Dejonge, Louis, Co., fly catchers, 71 Duane, New York.
De Jute, Jas., contractor, Youngstown, Ohio.
De Kalb Mfg. Co., automobile bldrs., Auburn, Ind.
De Kalb, W. M., architect, James Bldg., Chattanooga, Tenn.
De Kalb Wagon Co., De Kalb, Ill.
Deknatel, J. A., & Son, scientific instrument jewels, 8 Heyward, Brooklyn, N. Y.
Delacour-Art Glass Works, glass stainers, 10th & Webster, Oakland, Cal.
De Lacroix, Louis, contractor, 2826 Vine, Cincinnati, Ohio.
Delahunty Dyeing Mach. Co., tex. machy., Pittston, Pa.
De Laittre & Anderson Co., lbr., Calderwood, Mich.
De Laittre-Dixon Lumber Co., 1301 20th av, N., Minneapolis, Minn.
Delamater Hardware Co., 8 Woodward av, Detroit, Mich.
De Lancey, Edw., sashes, doors & blinds, Lancaster, Ohio.
Delaney, Dan'l, & Son, auto. springs, etc., Hamilton, Newark, N. J.
Delaney, Edw. D., fndrs., Belleville, N. J.
De Laney Forge & Iron Co., 300 Perry, Buffalo, N. Y.
Delaney, J. P., contractor, Sea Isle City, N. J.
Delaney, M. B., tubular boilers, Hudson, N. Y.
Delaney Oil Co., 47 3d, Milwaukee, Wis.
De Laney, Thos. M., plumbers' supplies—jobbers, 576 Atlantic av, Brooklyn, N. Y.
Delaney, Wm., buttons, 79 Orange, Newark, N. J.
Delano & Aldrich, architects, 126 E. 38th, New York.
De Lano Bros., cornices & skylights, 70 Spear, San Fran., Cal.
Delano, C. F., cornices & skylights, Fairhaven, Mass.
De Lano, C. W., architect, Hutchinson, Kans.
Delano Granite Co., Rocklin, Ca.
Delanoy, F. W., machinist, Alameda, Cal.
Delany & Co., glue mfrs., Tacony, Phila., Pa.
Delany, P. & Co., tubular boilers, steel stacks & tanks, Newburgh, N. Y.
Delaplane, C. L., & Co., flour mills, Delaplane, Va.
Delapierre, Arthur, Inc., tool handles, 19 Warren, New York.
Delatour, A. J., lbr., 176 Cherry, New York.
Delatte & Lagrange, contractors, Lake Charles, La.
Delatush, Henry, Co., contrs., 562 Newark av, Jersey City, N. J.
Delatush, J. C., & G. A., architects, Red Bank, N. J.
De Laval Dairy Supply Co., cream saparators, 61 Beale, San Francisco, Cal.
De Laval Separator Co., 165 B'way, New York.
De Laval Steam Turbine Co., E. Trenton, N. J.
See adv index at end of book.
De La Vergne Machine Co., oil engines & refrigerating machy., 2101H E 138th, New York
Del. Brass & Aluminum Co., Muncie, Ind.
Delaware Clay Mfg. Co., drain tile, Delaware, Ohio.
Dela. Clay Products Co., Westinghouse bldg, Pittsburgh, Pa.
Delaware Coll., engng. schools & coll., Newark, Del.
Delaware Elec. & Supply Co., mill, plumbers', steam fitters' supplies, etc., Wilmington, Del.
Del. Fertilizer Co., Dover, Del.
Del. Fdry. & Mach. Co., Delaware, Ohio.
Del. Granite & Mining Co., stone producers, 14th & Pine, Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
See adv index at end of book.
Delaware Hardware Co., Wilmington, Del.
Del., Lackawanna & Western Railroad Co., anthracite coal mine, 90 West, New York.
Delaware Marine Mfg. Co., hdwe. mfrs., Wilmington, Del.
Delaware Metal Refinery, babbit metal, testing scales, spelter, etc., Washington & 18th, Philadelphia, Pa.
Delaware River Quarry & Construction Co., 390 George, Jersey City, N. J.
Delaware River Steel Co., blast furnaces, Chester, Pa.
Delaware Sash Weight Co., Wilmington, Del.
Delaware Seamless Tube Co., Auburn, Pa.
Delaware Terra Cotta Co., brick, Wilmington, Del.
Delaware Tool Co., Wilmington Del.
Delbare Mfg. Co., soap flakes, 720H S Dearborn, Chicago, Ill.
Delcampe Welding Co., Bridgeport, Conn.
Del Carlo, C., contractor, Norwich, Conn.
Delco Light Co., electric lighting systems for residence, etc., Dayton, Ohio.
Delehanty, Andrew L., architect, 17 Steuben, Albany, N. Y.
Delehanty, Bradley, architect, 2 W. 45th, New York.
Delehanty's, M., Son, plbrs. supplies, Albany, N. Y.
Delevan Mfg. Co., roofing cements, compounds & paints, etc., 65 Delevan, Brooklyn, N. Y.
Delgado Mills, tickings, Wilmington, N. C
Del Gaudio, Matthew W., architect, 160 W 45th, New York
Del Giudice, A., & Son, granite, 703 Atwells av, Providence, R. I.
Del Guercio, A., architect, 800 Broad, Newark, N. J.
Delhaye, Joseph, contr., Highland Park, Ill.
Delight Lumber Co., Delight, Ark.
Delion Tire & Rubber Co., see Bergounau Rubber Corp. (successor).
Delisle, Adrien, architect, Levy Bldg., Houston, Tex.
De Lisle & Cooper, contractors, Ford bldg., Detroit, Mich.
Del Isle, S. G., wooden columns, 337 Carondelet, New Orleans, La.
Delker Bros. Buggy Co., Henderson, Ky.
Delker, Geo., Co., carriages, Henderson, Ky.
Dell, Emerson C., architect, 65 Monticello av, Buffalo, N. Y.
Dell, Frank M., masons' & bldrs.' matls., S. E. cor. Cruse & Southeastern av, Indianapolis, Ind.
Dell, John C., & Son, counter scales, 422 Vine Philadelphia, Pa.
Della Valle & Vese, architects, 865 Chapel, New Haven, Conn.
Dellenbarger, C. E., confectioners' mchy., 1949 Fulton, Chicago, Ill.
Dellinger, A. M., agricultural implements, Lancaster, Pa.
Dellinger, Edward, contractor, Batavia, N. Y.
Dells Paper & Pulp Co., Eau Claire, Wis.
Delmonico Bros. Co., contractors, Syracuse, N. Y.

Delmonto Paving Co., 1537 Fillmore av, Buffalo, N. Y.
De Loach Mill Mfg. Co., mill & facty. supplies, Bridgeport, Ala.
De Long, G. T., canned goods, Lithia, Va.
De Long Hook & Eye Co., 21st & Clearfield, Philadelphia, Pa.
De Long Machinery Co., Morrillton, Ark.
De Long & Son, wholesale hrwe., Glens Falls, N. Y.
De Long, Wallace W., architect, Appleton, Wis.
De Longchamps, F. J., architect, Reno, Nevada.
Delowry, Thos. A., contractor, Waterbury, Conn.
Delp, Jacob, contractor, Bloomfield, N. J.
Delphi Lime Co., Delphi, Ind.
Delphi Straw Board Co., Delphi, Ind.
Delphos Bending Co., Delphos, Ohio.
Delphos Foundry, Delphos, Ohio.
Delphos Mfg. Co., cans, tanks, etc., First & Pierce, Delphos, O.
Delphos Printing Press Co., see Dwitcour & Eysenbach (successors).
Delph's, S., Sons, billiard tables, butchers store fixtures, 4th & Liberty, Pittsburgh, Pa.
Delta Cement & File Co., Greenvile, Miss.
Delta Chemical Co., Wells, Mich.
Delta Co., advtg. spec., 629-631 Main, Osage, Ia.
Delta Elec. Co., elec. lamp flashlights, Marion, Ind.
Delta File Works, 4837 James, Phila., Pa.
Delta Hardware Co., Escanaba, Mich.
Delta Land & Timber Co., Kansas City, Mo.
Delta Mfg. Co., spark plugs, 9 Delancy, Newark, N. J.
Delta Oil Co., Greenville, Miss.
Delta Shingle Co., Florence, Ore.
Delta-Star Electric Co., plugs & receptacles, 2433 Fulton, Chicago, Ill.
Delta Stave Co., cooperage stock, Sibley, La.
Deltour, John, willow ware mfrs., 901 Jefferson av, Hoboken, N. J.
Deltox Grass Rug Co., Oshkosh, Wis.
De Man Bros. Co., sash, door & blind mfrs., 416 Maybury av, Detroit, Mich.
Demar, Edward, architect, Sault Saint Marie, Mich.
De Marce, A., machst. & fndr., Texarkana, Tex.
Demarest, Chas. H., bamboo, cutch., 150 Water, New York.
Demarest, Edwin, masons' & bldrs.' matls., Tenafly, N. J.
Demarest Heater Co., Springfield, Mass.
Demattel, L. & Co., contractors, 8 Avery, San Francisco, Cal.
De Matteo M., contractor, 146 Dudley, Roslindale, Boston, Mass.
De Mattia Bros., machsts., Garfield, N. J.
Demco Machine Tool Co., drilling machines, 1706 Frankfort av, N. W., Cleveland, Ohio.
Dement Bros. Co., flour mills, Walla Walla, Wash.
Demeritt Co., canned goods, Waterbury, Vt.
Demers, Joseph C., contractors, Manchester, N. H.
De Mers, Magloir, machinist, Toledo, Ohio.
Demers & Mosley, architects, Union Natl. Bk. Bldg., Troy, N. Y.
De Michiel, John, & Bros., contractors, Torrington, Conn.
De Milt, H. R., Co., tin plate, 238 Water, New York.
Deming Apparatus Co., sugar machinery, 30 Church, New York.
Deming Co. (The), hand & power pumps, working heads, cylinders, etc, Salem, Ohio. *See adv index at end of book.*
Deming, F. G., Lumber & Shingle Co., Markham, Wash.
Deming Hardware Co., Montpelier, Vt.
Deeming, Wm. I., architect, 808 17th, Washington, D. C.
Deming & Thompson Co., sashes, doors & blinds, Frankfort, Ind.
Demmer, Chas., cornices & skylights, Santa Rosa, Cal.
Demmerle & Co., goggles & eye protectors, 45 W. 25th, New York.
Demmler Bros Co., wholesale hdwe., 109 Ross, Pittsburgh, Pa.
Demmler & Schenck Co., steel tables, 434 Penn av, Pittsbgh, Pa.
Demmler, Wm. & Bro., machsts., Kewanee, Ill.
DeMoney, Frank O., architect, 5 N. La Salle, Chicago, Ill.
Demoorjian, H. S., architect, 340 Main, Worcester, Mass.
Demopolis Cotton Mills, rope & twine, Montgomery, Ala.
Demorest Foundry & Machine Works, Demorest, Ga.
Demorest Mfg. Co., concrete mixers, Enid, Okla.
De Maulin Bros, Co., badges & buttons, Greenville, Ill.
Demourelle, Jas., & Sons, masons' & bldrs.' matls., 1035 Tolouse, New Orleans, La.
Dempcy-Degener Co., coal chutes & pockets, 708 Penn av, Pittsburgh, Pa.
Dempsey, Chas. J., contractor, 218 E. 87th, New York.
Dempsey Furnace Co., 15 Park row, New York
See adv index at end of book.
Dempsey, H. B., Furnace Co., Postal Telegraph bldg., New York.
See adv index at end of book.
Dempsey & Hardy, contrs., Princeton, N. J.
Dempsey, Jno. F., & Co., machsts., Lynn, Mass.
Dempsey Lbr. Co., Johnstown, Pa.
Dempsey Lumber Co., Tacoma, Wash.
Dempsey, Michael J., machsts. & fndrs., 548 W. 55th, New York.
Dempsey, W. J., contractor, 103 Park av, New York.
Dempster, Jas., see Dempster Mach. Co. (successor)
Dempster Mach. Co., Knoxville, Tenn.
Dempster Mfg. & Supply Co., Des Moines, Ia.
Dempster Mill Mfg. Co., steel tanks, & agricultural implements, Beatrice, Neb.
Dempwolf, C. H., & Co., fertilizer machy., York, Pa.
Dempwolf, J. A., architect, York, Pa.
Dempwolf, Reinhardt, architect, York, Pa.
Demster, W. R., machinists, 1316 Oak, Kansas City, Mo.
Demuth Glass Mfg. Co., bottles & tubing, Gardner av, Brooklyn, N. Y.
De Muth, W., & Co., smoking pipes, 230 5th av, New York.
Denault, Moses, & T. Arthur, masons' & bldrs.' matls., New Bedford, Mass.
Denburger, H., contractor, Bethlehem, Pa.
Denby Motor Truck Co., Holbrook av, Detroit, Mich.
Denby & Nute, architects, 333 4th av., New York.
Dendinger, Theo., lumber, Madisonville, La.
Dengel, F. R., Mfg. Co., plumbers' supplies, 342 4th, Milwaukee, Wis.
Denger, Fred, masons' & bldrs.' matls., Davenport, Ia.
Denholm & Co., contractor, 622 E. McMillan, Cincinnati, Ohio.
Denholm, J. M., Bros. & Co., meat packers, 5th & Frankstown avs, Pittsburgh, Pa.
Denick, Edwin V., architect, House Bldg., Pittsburgh, Pa.
Denier's Son, plate glass mirrors, 17 Crosby, New York.
Denie's, Jno. A., & Sons Co., lime, Memphis, Tenn.
Denio General Elec. Co., fire alarms, Rochester, N. Y.
Denio, E., butter tubs, Hyde Park, Vt.
Denison & Coerper, lumber, Hartford, Wis.
Denison Cotton Mill Co., Denison, Tex.
Denison, J. W., & Co., lbr., Helena, Ark.

Denison Lumber Co., Hagerstown, Md.
Denison Univ., engng. school & coll., Granville, Ohio.
Denivelle, Paul E., contr., 520 7th av, San Francisco, Cal.
Denke, A. Reinhold, architect, Nevada Bk. bldg., San Fran., Cal.
Denman & Davis, iron, steel, 85-91 Lafayette, New York.
Denman, W. M., brick, West Unity, Ohio.
Denmark Condensed Milk Co., Denmark, Wis.
Denmark Oil & Fertz. Co., meal, Denmark, S. C.
Denmead Rubber Co., heels, Akron, Ohio.
Denmire, L. E., canned gds., Montrose, Ia.
Denneen, C. A., Co., contractors, 42 B'way, New York.
Dennehy Bros., shoe blacking & polishes, Brockton, Mass.
Dennehy, Thos., contractor, Town of Union, N. J.
Denney Tag Co., West Chester, Pa.
Dennick, Wm., & Co., fndrs., Dayton, Ohio.
Denning, J. A., contractor, Janesville, Wis.
Denning Mfg. Co., tooth brush & towel holders, 1777 E 87th, Cleveland, Ohio
Denning Tractor Co., engines, plows, Cedar Rapids, Ia.
Dennins, O., Sons, brushes & hand mirrors, Troy, N. Y.
Dennis, A. L., Salt & Lumber Co., Grand Rapids, Mich.
Dennis, J. B., metal furn., etc., Monadnock Bldg., San Francisco, Cal.
Dennis, J. T., canned goods, Preston, Md.
Dennis, John, Mach. Co., Lowell, Mass.
Dennis, L. E. P., & Son, fertilizer mfrs., Crisfield, Md.
Dennis Mfg. Co., matresses, Waco, Tex.
Dennis, Martin, Co., tanning extracts, 859 Summer av, Newark, N. J.
Dennis, P. E., architect, Macon, Ga.
Dennis, V. R., Construction Co., Lewis Bldg., Portland, Ore.
Dennis, W. J., & Co., brushes, Weather strips, etc., 2120 W. Lake Chicago, Ill.
Dennison, A. D., Co., mill & facty. supplies, 1020 Superior, Cleveland, Ohio.
Dennison, E. A., architect, 122 S. Michigan av, Chicago, Ill.
Dennison Fire Proofing Co., Mason City, Ia.
Dennison Foundry & Machine Co., Dennison, Ohio.
Dennison, Hirous, architect, 288 Lexington av, New York
Dennison, Lee, contrs., Hornell, N. Y.
Dennison Mfg. Co., paper crepe, covers, cups, fasteners, etc., 26 Franklin, Boston, Mass.
Dennison Sewer Pipe Co., Dennison, Ohio.
Denny Bros., contractors, Zanesville, Ohio.
Denny, Chas. W., architect, Hale Bldg., Philadelphia, Pa.
Denny, Hillborn & Rosenback, paints, 230 N. 12th, Phila., Pa.
Denny-Renton Clay & Coal Co., acid proof brick, cupola linings, Seattle, Wash.
Denominator Adding Machine Co., 199 Cook, Brooklyn, N. Y.
De Noyelles Brick Co., Haverstraw, N. Y.
Denslow Heating Co., Waverly, N. Y.
Denslow, L. E., architect, 44 W. 18th, New York.
Densmore Brick Co., Lebanon, N. H.
Densmore & Le Clear, architects, 88 Broad, Boston, Mass.
Dent Hardware Co., refrigerator hardware mfrs., Fullerton, Pa.
Dent, J. H., contractor, Delaware, Ohio.
Dent, M. F., Co., machinists' tools, etc., dealers, 7 Blandina, Utica, N. Y.
Dent, R. K., lbr., Akron, Ala.
Denton Bros., meat packers, Columbus, Ohio.
Denton & Co., contractors, concrete steel constr., 7 E. 42d, New York.
Denton Lumber Co., Enville, Fla.
Denton Mfg. Co., canned gds., Denton, Md.
Denton Milling Co., flour, Denton, Tex.
Denton Roller Mills, Denton, N. C.
Denton & Son, carriages, Oswego, N. Y.
Denton & Waterbury, lumber mfrs., Whitesboro, N. Y.
Dentzel, Wm. H., carousels, organs, 3641 Germantown av, Philadelphia, Pa.
Denune Builders' Supply Co., Linden Heights, Ohio.
Denver Auto Goods Co., Denver, Colo.
Denver Bedding Co., Denver, Colo.
Denver Brass Wks. Co., see Davoren Brass Finishing Wks. (successors).
Denver Engineering Works Co., Denver, Colo.
Denver Fire Clay Co., Denver, Colo.
Denver, Frank, machist. & fndr., Washington, Ind.
Denver Gas & Electric Light Co., Denver, Colo.
Denver Iron Works & Fdry. Co., Denver, Colo.
Denver Marble & Granite Co., Denver, Colo.
Denver Metal & Machy. Co., Denver, Colo.
Denver Packing & Prov. Co., Denver, Colo.
Denver Pressed Brick Co., Denver, Colo.
Denver & Pueblo Construction Co., 3262 Blake, Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Denver Rock Drill Mfg. Co., Denver, Colo.
Denver Sewer Pipe & Clay Co., Denver, Colo.
Denver Shale Brick Co., Denver, Colo.
Denver Steel & Iron Wks. Co., steel structural work, Denver, Colo.
Denver Tent & Awning Co., Denver, Colo.
Denver Terra Cotta Co., Denver, Colo.
Denver Wrecking & Const. Co., 851 Delaware, Denver, Colo.
Denzi & Phillips, glass signs, ceilings, 24 Dey, New York.
De Pace, A. J., architect, 637 Rosewood, New York.
De Paola, Angelo, architect, 117 Summit av, West Hoboken, N. J.
De Paoli Mosaic Ass'n, 10 Damrell, S. Boston, Mass.
De Pasquale, Salvatore M., contr., 2975 Marion av, New York.
De Paul University College, engng. schools & coll., 1010 Webster, Chicago, Ill.
De Pere Mfg. Co., boilers, bins, coal conveyers, etc., West De Pere, Wis.
De Pere Tablet Co., De Pere, Wis.
De Planque, F. R., & Son, papier mache mfrs., 1349 Ridge av, Philadelphia, Pa.
Deport Cotton Seed Oil Co., Deport, Tex.
Deposit Lumber Co., Deposit, N. Y.
Deppe, A. H., Co., trunk mfrs., Minneapolis, Minn.
Deppisch, John L., contractor, 132 Pius, Pittsburgh, Pa.
De Pree Chemical Co., 123 W. Washington, Chicago, Ill.
De Pree, Wm. Co., mill & facty. supplies, Zeeland, Mich.
De Prefontaine, Chas., masons' & bldrs.' matls., Blue Bell, Pa.
De Prosse, Victor A., architect, Hudson, N. Y.
Depue Bros., farm tractors, Clinton, Ia.
Derby & Ball, agricultural implements, Bellows Falls, Vt.
Derby Gas Co., gas retort, carbons, Derby, Conn.
Derby & Robinson, architects, 20 Beacon, Boston, Mass.
Derby, S. L., masons' & bldrs.' matls., Lemont, Ill.
Derbyshire, F. W., machsts., Waltham, Mass.
Dercum & Beer, architects, 4500 Euclid av., Cleveland, Ohio.
Deremus, John T., Co., mill & facty. supplies, Paterson, N. J.
Derheimer & Co., contractors, Fort Wayne, Ind.
Derickson, G. P., Co., whol. hdwe., 18 N. 3d, Minneapolis, Minn.
De Riso Bros., contractors, Town of Union, N. J.
De Rivas & Harris Mfg. Co., pianos, 138 Willow av, New York.
Dermon Soap Co., 300 N. Beacon, Boston, Mass.
Dermott Land & Lumber Co., hardwood lumber mfrs., etc., Railway Exchange, Chicago, Ill.
Dernell, H. F., Co., ice axes, tongs & tools, Athens, N. Y.
De Rome, L., Bronze, Brass & Bell Fdy., Inc., Oakland, Cal.
De Ronde, Frank S., paint & varnish remover, 24 Stone, New York.
De Roo, P., Sons, corn brooms, Wade & Borton, Cincinnati, Ohio.
De Rosa, Eugene, architect, 110 W. 40th, New York.
De Rosa & Perevia, architects, 110 W. 40th, New York.
De Rose & Cavalieri, architects, 370 E. 149th, New York.
De Rose, Jos., architect, 119 Ellison, Paterson, N. J.
Derr, Walter, stone producers, Norristown, Pa.
Derrick, Warren A., architect, Electric Bldg, Billings, Mont.
Derry, A. L. & Co., machy. dlrs., Scranton, Pa.
Derry Glass Sand Co., Latrobe, Pa.
Derry Lbr. Co., Majestic Bldg., Detroit, Mich.
Derryfield Co., sashes, doors & blinds, Manchester, N. H.
Dershimer & Griffin, contractors, masons' & bldrs.' matls., Pittston, Pa.
Des Arc Hoop & Lumber Co., Des Arc., Ark.
Desch, J. W., masons' & bldrs.' matls., Celina, Ohio.
Deschand Engng. Corp., tools, 90 West, New York.
Deschauer, S., Co., plumbers' & steam fitters' supplies, 1345 Blue Island av, Chicago, Ill.
Deschauer Wire & Iron Wks., 2009 Larrabee, Chicago, Ill.
Deschler, August, machsts., Chillicothe, Ohio.
Des Cognets, Louis, & Co., masons' & bldrs.' matls., Lexington, Ky.
Desha Lumber Co., Lake Providence, La.
De Shay, D. H., agricultural implements, Elysburg, Pa.
Deshler Broom Factory, Deshler, Neb.
Deshler Foundry & Machine Wks., irons & feed grinders, Deshler, Ohio.
Deshler Mail Box Co., Deshler, O.
De Sibour, Jules H., architect, Hibbs Bldg., Washington, D. C.
Designers' Instrument Co., 3323 N. Clark, Chicago, Ill.
Desjardins Co., architects, Majestic Bldg., Denver, Colo.
Deslauriers Column Mould Co., Woolworth Bldg., New York.
Desloge Consolidated Lead Co., Rialto Bldg., St. Louis, Mo.
De Smet Quartz Tile Co., stucco work & mfrs., 133 W. Washington, Chicago, Ill.
Des Moines Bale Tie Co., Des Moines, Ia.
Des Moines Brick & Tile Co., Des Moines, Ia.
Des Moines Bridge & Iron Co., 9th & Tuttle, Des Moines, Ia.
Des Moines Broom Co., Des Moines, Ia.
Des Moines Building Material Co., Des Moines, Ia.
Des Moines Casket Co., Des Moines, Ia.
Des Moines Clay Co., Des Moines, Ia.
Des Moines Engineering & Construction Co., Des Moines, Ia.
Des Moines Fuel & Lime Co., Des Moines, Ia.
Des Moines Incubator Co., Des Moines, Ia.
Des Moines Iron Co., Des Moines, Ia.
Des Moines Marble & Mantel Co., Des Moines, Ia.
Des Moines Refining Assay Co., softeners—water, Des Moines, Iowa.
Des Moines River & Gravel Co., Harvey, Ia.
Des Moines Saddlery Co., Des Moines, Ia.
Des Moines Sand & Fuel Co., Des Moines, Ia.
Des Moines Sheet Metal Co., Des Moines, Ia.
Des Moines Silo & Mfg. Co., Des Moines, Ia.
Des Moines Slide Co., Des Moines, Ia.
Des Moines Steel Co., Des Moines, Ia.
Des Moines Stove Repair Co., Des Moines, Ia.
Des Moines Structural Steel Works, Des Moines, Ia.
Des Moines Tent & Awning Co., Des Moines, Ia.
Desmond, D. J., Commissary Co., contractors, Underwood Bldg., San Francisco, Cal.
Desmond & Lord, architects, 15 Beacon, Boston, Mass.
Desmond, M. Mfg. Co., machsts., Edwardsville, Ill.
Desmond, Owen E., contractor, 429 Plymouth ct, Chicago, Ill.
Desmond-Stephan Mfg. Co., machsts. & fndrs., Urbana, Ohio.
Desmond Supply Co., contrs., 525 Market, San Francisco, Cal.
Desmond, Theo. H., landscape architect, Hartford, Conn.
De Snell, Geo. E., architect, 1923H Delavana, Santa Barbara, Cal.
De Soto Brick Co., Ltd., Mansfield, La.
De Soto Brick & Tile Works, De Soto, Ia.
De Soto Co., turpentine, Quitman, Ga.
De Soto Cotton Oil Co., Mansfield, La.
De Soto Foundry & Machine Co., Ltd., Mansfield, La.
De Soto Hardwood Flooring Co., Memphis, Tenn.
De Soto Oil Co., Memphis, Tenn.
De Soto Paint Mfg. Co., Memphis, Tenn.
De Soto Roller Mills, flour, De Soto, Mo.
Despard, F. F., mill supplies, Utica, N. Y.
Despatch Mfg. Co., annealing furnaces, ovens & electric cooking app., 120 1st, N. W., Minneapolis, Minn.
Desper, H. A., pipe joint cements, water meters, plumber specialties, etc., 40 Shelby, Worcester, Mass.
Des Rivieres, Geo. R., baled shavings, 5444 S. Mich., Chicago, Ill.
Desrosier, Gilbert, carriages, Northampton, Mass.
Dessau, D., black diamond bortz importers, Printing Crafts Bldg, 33rd & 34th & 8th av, New York
See adv index at end of book.
Dessau, Maurice S., black diamond carbons, 6 Maiden la, New York. *See adv index at end of book.*
Dessert, Crystal Salt Co., White Plains, Nev.
Dessureau & Co., granite, Barre, Vt.
d'Este, Julian, Co., steam engineering specialties mfrs., 26 Canal, Boston, Mass. *See adv index at end of book.*
Destremps, Lewis E., architect, N-B Theatre Bldg., New Bedford, Mass.
Destremps, Louis G., & Sons, architects, 58 Bedford, Fall River, Mass.
Destruction Co., garbage burners, 111 Broadway, New York.
Desvoyan, Helia L., architect, Central Falls, R. I.
De Tamble Motors Co., Anderson, Ind.
Detjen, Henry, architect, 4268 Connecticut, St. Louis, Mo.
Detjen & Son, contrs., Sedalia, Mo.
Detlaff, A. J., Co., machsts. & fndrs., & plating wks., 121 E. Lafayette, Detroit, Mich.

Detmer, Hy., pianos, 158 S. Wabash av, Chicago, Ill.
Detmer Mfg. Co., gas machines, 2518 Archer av, Chicago, Ill.
Detraz Bros., masons' & bldrs., matls. & supplies, Vevay, Ind.
Detrick, M. H., Co., boiler & fire brick, 549 W. Washington, Chicago, Ill.
Detroit Alaska Knitting Mills, lumberman's socks & wool mittens, 1927 Michigan av, Detroit, Mich.
Detroit Arch'l Iron Wks., C., Book bldg, Detroit, Mich.
Detroit Auto Dash Co., wood rims, E. Philadelphia & G. T. R.R., Detroit, Mich.
Detroit Auto Piston Co., 1139 Baltimore av, Detroit, Mich.
Detroit Auto Specialty Co., water cooling radiators, 909 Greenwood av, Detroit, Mich.
Detroit Automatic Scale Co., machsts., 30 Antritan, Detroit, Mich.
Detroit Belt Lacer Co., 27 A, Detroit, Mich.
Detroit Blowpipe Co., dust collectors, 366 Grand River av, Detroit, Mich.
Detroit Boat Co., motor boats, Kerchol & Connors Cr., Detroit, Mich.
Detroit Brass Wks., see Detroit Brass & Malleable Works (successors).
Detroit Brass & Malleable Works, 1177H Holden, Detroit, Mich.
Detroit Bridge & Iron Wks., Steel Struct. Wk., Rouge river, Detroit, Mich.
Detroit Building & Construction Co., Free Press Bldg., Detroit, Mich.
Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.
Detroit Can Co., 1460 Russell, Detroit, Mich.
Detroit Carriage Goods Co., motor hoods, 288 E. Jefferson, Detroit, Mich.
Detroit Casket Co., 185 Congress W., Detroit, Mich.
Detroit Cedar & Lumber Co., Dime Bank bldg., Detroit, Mich.
Detroit Chair Mfg. Co., furniture, 1171H, Bellevue, Detroit, Mich.
Detroit Chandelier Lamp Co., Elec. Fix., 79 B'way, Detroit, Mich.
Detroit Chemical Works, alumina sulphate, nitric acid, etc., 100H Junction av, Detroit, Mich.
Detroit Coin Wrapper Co., 15 W. Milwaukee, Detroit, Mich.
Detroit Column & Mfg. Co., Holden & C, Detroit, Mich.
Detroit Copper & Brass Rolling Mills, Clark av, nr. Wabash, Detroit, Mich.
Detroit Cornice & Slate Co., 147 Antoine, Detroit, Mich.
Detroit Corrugated Box & Board Co., corrugated paper, 88 Isabella, Detroit, Mich.
Detroit Creamery Co., canned goods, 98 Grand River, Detroit, Mich.
Detroit Decorative Supply Co., 812-14th, Detroit, Mich.
Detroit Edge Tool Wks., machsts., 740 E. Woodridge, Detroit, Mich.
Detroit Electric Furnace Co., 645 Book Bldg., Detroit, Mich.
Detroit Elec. Heater Co., elec. sad irons, Detroit, Mich.
Detroit Engine Wks., Kerchol & Connors, Detroit, Mich.
Detroit Excelsior Wks., 2116 Russell, Detroit, Mich.
Detroit Flower Pot Mfg. Co., Lafferty & Howard, Detroit, Mich.
Detroit Forging Co., 120 Mount Elliott av, Detroit, Mich.
Detroit Foundry Co., stoves, wall torches, etc., Riopelle & Grand blvd., Detroit, Mich.
Detroit Furn. Exchange, 803H Bellevue, Detroit, Mich.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
Detroit Garage Equipment Co., 268 Jefferson av, Detroit, Mich.
Detroit Gas & Elec. Fix. Co., 68 W. Gd. River av, Detroit, Mich.
Detroit Gear & Mach. Co., 129 Franklin, Detroit, Mich.
Detroit Glove & Mfg. Co., 64 Congress W., Detroit, Mich.
Detroit Graphite Co., paints, 10-12th, Detroit, Mich.
Detroit Gray Iron Fdy. Co., 401 Wight, Detroit, Mich.
Detroit Grinding Wheel Co., see Detroit-Star Grinding Wheel Co. (successors).
Detroit Htg. & Lighting Co., machsts., Lieb & Wight, Detroit, Mich.
Detroit Htg. & Refrigerating Co., machsts, 631 Gratiot, Detroit, Mich.
Detroit Hoist & Machine Co., Detroit, Mich.
See adv index at end of book.
Detroit Insulated Wire Co., Wesson & Albert, Detroit, Mich.
Detroit Iron & Steel Co., blash furnaces, Zug Island Delray, Detroit, Mich.
Detroit Laundry Mach & Supply Co., 1450 21st, Detroit, Mich.
Detroit Lead Pipe Wks., 61 2nd, Detroit, Mich.
Detroit Leather Specialty Co., Inc., packing washers, etc., 275 Beecher av, Detroit, Mich.
Detroit Leather Works, belting, gaskets, washers, etc., 683H E. Lafayette, Detroit, Mich.
Detroit Lighting Fix. Co., elec. fixtures, 222 Jefferson av, E. Detroit, Mich.
Detroit Lubricator Co., Detroit, Mich.
Detroit Lumber Co., Jefferson & Junction avs, Detroit, Mich.
Detroit Mach Co., machsts., ft. of Hellger av., Detroit, Mich.
Detroit Machine Tool Co., 6545 St. Antoine, Detroit, Mich.
Detroit Marvel Brass Mfg. Co., plumbing traps, etc., 326-332 Rivard, Detroit, Mich.
Detroit Mausoleum Equip. Works, archl. & bronze workers, 175 W. Fort, Detroit, Mich.
Detroit Metal Refining Co., Book bldg, Detroit, Mich.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Detroit Metallic Casket Co., metallic burial cases, 862 Gratiot av, Detroit, Mich.
Detroit Mill Supply Co., 64 High, Detroit, Mich.
Detroit Milling Co., flour, 1908 Division, Detroit, Mich.
Detroit Mirror Wks., 4th & Porter, Detroit, Mich.
Detroit Model Mach. Wks., wrenches, Fremont, Ohio.
Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.
Detroit Nut Co., Hubbard av & M. C. R. R., Detroit, Mich.
Detroit Oak Belting Co., 3362H Wight, Detroit, Mich.
Detroit Oil & Cotton Co., meal, Detroit, Tex.
Detroit Paper Tube & Can Co., mfrs. of mailing tubes, 26 Griswold, Detroit, Mich.
Detroit Pattern Wks., 9 W. Woodbridge, Detroit, Mich.
Detroit Piston Ring Co., 53 Richmond, Detroit, Mich.
Detroit Plbg. Supply Co., water closets, seats & flushing valves, 617 Mack av., Detroit, Mich.
Detroit Pneumatic Chuck Co., pneumatic chucks, 516 F. P. Bldg., Detroit, Mich.
Detroit Pressed Steel Co., 660 Mt. Elliott, Detroit, Mich.
Detroit Publishing Co., post cards, 731 Vermont, Detroit, Mich.
Detroit Rack Co., umbrella stands, Elmwood & Hendrick, Detroit, Mich.

Detroit Range Boiler & Steel Barrel Co., 619 24th, Detroit, Mich.
Detroit Reamer & Tool Co., cutters, high speed drills, etc., 302 Congress, Detroit, Mich.
Detroit Refining Co., paints, Majestic Bldg., Detroit, Mich.
Detroit Register Co., 88 E. Jefferson av., Detroit, Mich.
Detroit River Iron Wks., steam engines, 661 E. Atwater, Detroit, Mich.
Detroit Rubber Stamp Co., steel stamps, 69 Shelby, Detroit, Mich.
Detroit Sanitary Bag Co., machine wipers, 27 Woodward av, Detroit, Mich.
Detroit Sanitary Supply Co., plumbers' supplies & bath room fix., 1191 2nd, Detroit, Mich.
Detroit Saw & Tool Co., 66 E. Fort, Detroit, Mich.
Detroit Scoop Truck Co., 2225 Jefferson av, W., Detroit, Mich.
Detroit Screw Works, 1477 Atwater E., Detroit, Mich.
Detroit Seamless Steel Tube Co., W. Warren & Wyoming, Detroit, Mich.
Detroit Shipbuilding Co., ft. Orleans, Detroit, Mich.
Detroit Show Case Co., 1670H Fort W, Detroit, Mich.
Detroit Soap Co., presses, Detroit, Mich.
Detroit Socket Co., 834 W. Jefferson, Detroit, Mich.
Detroit Soluble Oil Co., Beard & M. C. R.R. Detroit, Mich.
Detroit Stamping Co., spacers, 3445-59H W. Fort, Detroit, Mich.
Detroit-Star Grinding Wheel Co., oil stones, etc., 111 Cavalry, Detroit, Mich.
Detroit Starter Co., auto. lamps & mfrs. automobile starters, 32 E. Larned, Detroit, Mich.
Detroit Steam Appliance Co., power plant equipment, 500 Union Trust Bldg., Detroit, Mich.
Detroit Steel Casting Co., 4069H Michigan, Detroit, Mich.
Detroit Steel Cooperage Wks., Detroit, Mich.
Detroit Steel Products Co., springs, windows, etc., 2250 E. Grand blvd., Detroit, Mich.
Detroit Stoker Co., machsts. & fndrs., 2642 N. Grand blvd., Detroit, Mich.
Detroit Store Fixture Co., 16 Cathenne, Detroit, Mich.
Detroit Stove Works, 6900 East Jefferson av, Detroit, Mich.
Detroit Sulphite Pulp & Paper Co., 2607 W. Jefferson, Detroit, Mich.
Detroit Tech. Inst., engng. schools & coll., Adams & Witherell, Detroit, Mich.
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Detroit Tool Co., machy., 1487 St. Antoine, Detroit, Mich.
Detroit Torch & Mfg. Co., fire pots & torches, 15057 Cardoni av, Detroit, Mich.
Detroit Trailer Co., auto. truck trailers, 673 Atwater, E. Detroit, Mich.
Detroit Twist Drill Co., 555 Fort, W., Detroit, Mich. *See adv. index at end of book.*
Detroit Valve & Fittings & Detroit Brass, see Detroit Brass & Malleable Works (successors).
Detroit Vapor Stove Co., 1633 Kercheval, Detroit, Mich.
Detroit Varnish Co., 560 E. Milwaukee, Detroit, Mich.
Detroit Waste Wks., 112 Larned, W., Detroit, Mich.
Detroit Weatherproof Body Co., auto tops, Pontiac, Mich.
Detroit White Lead Wks., 560 E. Milwaukee, Detroit, Mich.
Detroit White Metal Co., Inc., 628 W. Jefferson av, Detroit, Mich.
Detroit Window & Stained Glass Co., Detroit, Mich.
Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.
Detroit Wire & Iron Wks., 1160 Jefferson av, E., Detroit, Mich.
Detroit Wire Wheel Corp., 337 Clayton, Detroit, Mich.
Detroit Wood Pulley Co., Detroit, Mich.
Detroit Wood Products Co., wood handles, etc., 4332 Horatio, Detroit, Mich.
Detroit Wks., builders, hdwe, mfrs., sash centers & window pivots, 238 E. Larned, Detroit, Mich.
Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.
Detroiter Motor Car Co., Stanley & Vermont avs, Detroit, Mich.
Dettman, Wm. C., cornices, Danville, Ill.
Dettmer & Handwerk, masons' & bldrs.' matls., Slatington, Pa.
Dettra, Jno. C., & Co., flag mfrs., Oaks, Pa.
Detweiler, Theo., masons' & bldrs.' matls., Brookville, Ohio.
Detwiler Monumental Works, Phoenixville, Pa.
Detwiller & Street Fireworks Mfg. Co., 22 Park pl, New York.
Deuel, Chas. C., Co., pipe bends, tanks, etc., 75 Jones, Detroit, Mich.
Deuer, C. H., lumber mfr., Misouri Valley, Ia.
Deuscher, H. P., Co., grey iron castings, Hamilton, Ohio.
Deuse, J. S., machsts. & fndrs. & bits, drills, ice picks, etc., Chester, Conn.
Deutch, Arthur, handles, Savannah, Ga.
Deutsch, Chas., mantles, 177 E. 87th, New York.
Deutsch, J. M. Co., furniture, Dept. H, Hornell, N. Y.
Deutsch, Jacob, cornices, 232 Chrystie, New York.
Deutsch, N. & Co., smelters and refiners, 540 W. 13th, Chicago, Ill.
Deutz, A., & Bro., masons' & bldrs.' matls. & wholesale hdwe., Laredo, Tex.
Devall Bluff Gin & Milling Co., Devall Bluff, Ark.
Devaney, Jno. J., Co., cornices & skylights, Bayonne, N. J.
De Vault, Jas., contractor, Canton, Ohio.
De Vaux, W. Vornz, architect, 635 Park av, New York.
De Ved & Sons Sash Weight Co., tin plate, metals, etc., 807 S. Howard, Baltimore, Md.
Develine Foundry & Machine Works, Boulder, Colo.
Deveney, J. B., & J., trunk mfrs., 126 N. 16th, Philadelphia, Pa.
Devenpeck Coal Co., masons' & bldrs. matls., Schenectady, N. Y.
Devereaux, Valentine, architect, 345½ Washington, Portland, Ore.
Devereaux, Ward, machsts. & fndrs., Bancroft, Mich.
Devere & Schloegel Lbr. Co., 606 Park, Milwaukee, Wis.
Deverell Perfection Mfg. Co., machsts., Caton av, B'klyn, N. Y.
Deverell, Spencer & Co., contractors, Garrett Bldg., Balto., Md.
Deverell, W. P., contractor, Ramge Bldg., Omaha, Neb.
De Vilbiss Mfg. Co., paint spraying machines, Toledo, Ohio.
Devilbiss, G. W., canned goods, Stewartstown, Pa.
Devillers Soap Co., 95 Cliff, New York.
Devine, J. C., Co., contractors, Alliance, Ohio.
Devine, J. P., Co., chemical & distilling apparatus, machy. & auto boxes, Buffalo, N. Y.
Devine, P., F., trunk mfr., Lowell, Mass.
Devitt, Paul J., mill & facty. supplies, 1101 S. 2nd, Phila, Pa.
Devlin, Chas., & Sons, Inc., cotton waste, 3219 Kensington, Philadelphia, Pa.
Devlin, Chas. J. I., architect, Pacific Bldg., San Francisco, Cal.
Devlin, Hary J., htg. contrs., 218 E. 43d, Chicago, Ill.

Devlin, John O., Constr. Co., 233 Broadway, New York.
Devlin, Leo J., architect, Pacific Bldg., San Francisco, Cal.
Devlin, Thos., Mfg. Co., machsts. & fndrs., & plumbing & steam-fitters' supplies, 3d & Lehigh av, Philadelphia, Pa.
Devney, H. J., marine ry. bldrs., Ashtabula, Ohio.
Devoe, A. S., architect, Endicott bldg, St. Paul, Minn.
Devoe & Raynolds Co., Inc., bronze powders, paint & oil paint mfrs., 101 Fulton, New York.
De Vogel Contr. Co., Passaic, N. J.
De Vore-McGormley Co., contractors, Toledo, Ohio.
De Voss, W. A., architect, Portsmouth, Ohio.
Devou, V. N., Supply Co., mill & facty. supplies, 506 Central av, Cincinnati, Ohio.
De Voursney Bros., lamps, 389 Broome, New York.
De Vries Bros., machsts., Passaic, N. J.
De Vries, S. J., & Co., lbr., 840 W. 47th, Chicago, Ill.
De Vry Corp., searchlights, 1248 Marianna, Chicago, Ill.
Dewar Bros., trunks, Denver, Colo.
Dewar Mfg. Co., mine lamps, 34-35th, Brooklyn, N. Y.
De Weerd, Geo., architect, Holland, Mich.
Dewees, Jno. W., machst., 640 Filbert, Philadelphia, Pa.
Deweese-Rogers Lbr. Co., Philadelphia, Miss.
Deweese, F. M. & Co., machinist, Chillicothe, Ohio.
Dewes, John-Gumbs Die Co., die cutting, 403 Broome, New York.
Dewey Bros., mill & facty. supplies, Goldsboro, N. C.
Dewey Column & Monumental Wks., granite, Barre, Vt.
Dewey Engng. Co., 25 Hancock pl, New York.
Dewey, F. E. & B. A., paper ruling machs., Springfield, Mass.
Dewey, F. H., & Son, architect, 175 5th av, New York City.
Dewey, F. O., Co., headlights, lamps, etc., 28 Canal, Boston, Mass.
Dewey Mfg. Co., machsts. & fndrs., Dewey, Okla.
Dewey Portland Cement Co., Scarritt Bldg., Kansas City, Mo.
Dewey, R. E., thermostats, Grand Rapids, Mich.
Dewing & Sons, masons' & bldrs.' matls., Kalamazoo, Mich.
De Witt Boag Co., silk thread, Hornell, N. Y.
De Witt, Davis, Jr., advtg. signs., White Bldg., Buffalo, N. Y.
De Witt, E. W., & Son, brass fndrs., Port Carbon, Pa.
De Witt, H. E., Lbr. Co., masons' materials, Lynchburg, Va.
De Witt Rice Mill Co., De Witt, Ark.
Dewitz, John H., architect, 433 N. Pulaski, Baltimore, Md.
Dewsberry, R. A., ice cream freezers, 1010 W. Lake, Chicago, Ill.
Dewsnap, Wm., architect, 334 5th av, New York.
Dexheimer, P., & Sons, contractors, Orange, N. J.
Dexter, A. M. (Est. of), mill & facty. supplies, Mattapoisett, Mass.
Dexter & Bowles, mill & facty. supplies, Springfield, Mass.
Dexter Bros. Co., waterproofing matls., 105 Broad, Boston, Mass.
Dexter, C. H., & Sons, paper & pulp mill, Windsor Locks, Conn.
Dexter Co., washing machines, Fairfield, Ia.
Dexter Engineering Co., Inc., vacuum valves, Providence, R. I.
Dexter, Everett O., contractor, Attleboro, Mass.
Dexter Farming Canning Co., Dexter, Iowa.
Dexter Folder Co., machsts. & fndrs., paper cutting & feeding machines, 200 5th av, New York.
Dexter, H. C., Chair Co., book cases, Black River, N. Y.
Dexter, H. H., contractor, Gary, Ind.
Dexter, I. H. Co., flexible couplings, 177 Greenwich av, Goshen, N. Y.
Dexter Lumber Co., sash, door & blind, 4765 Montg'y pk, Norwood, Cincinnati, Ohio.
Dexter & McCluer, architects, Canby Bldg., Dayton, Ohio.
Dexter Metal Mfg. Co., bank & office fixtures (metallic), 93 Arch, Camden, N. J.
Dexter & Newton, hdwe, mfrs., 543 W. 120th, Chicago, Ill.
Dexter Portland Cement Co., Nazareth, Pa.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Dexter Woodworking & Bldrs.' Supply Co., sash, door & blind mfrs., Dexter, N. Y.
Dexter Yarn Co., Pawtucket, R. I.
Dey, J. F., Co., contractors, 11 Highland av, Newark, N. J.
Deyo-Macey Engine Co., Binghamton, N. Y.
De Young, J. W. (De Young & Roald), architect, Spalding Bldg., Portland, Ore.
Deysher, Abner S., packing box mfrs., Reading, Pa.
De Zerg Standard Co., instruments, surgical & dental, Camden, N. J.
De Zouche Hanson & Co., see Hanson, E. M., & Co. (successors).
D. & G. Dial & Enameling Co., Waltham, Mass.
D. G. C. Valve Co., 18 E. 41st, New York.
Diadem Mfg. Co., horn combs, Fitchburg, Mass.
Diagraph Stencil Machine Co., 9th & Clinton, St. Louis, Mo.
Diamant Tool & Mfg. Co., Inc., machinists, 97 Runyon, Newark, N. J.
Diament, J. E., Co., canned goods, Cedarville, N. J.
Diamond Alkali Co., First Nat'l Bank Bldg., Pittsburgh, Pa.
Diamond, Bernard, contractor, 12 Bergen, Brooklyn, N. Y.
Diamond Boiler Works, 2200 N. 1st, Minneapolis, Minn.
Diamond Braiding Mills, shoe laces, Chicago Heights, Ill.
Diamond Brass Fdry. & Mach. Co., 1115 Washington blvd, Chicago, Ill.
Diamond Brick Co., Oak Hill, Ohio.
Diamond Cable Co., lightning rods, Bourbon, Ind.
Diamond Calk Horse Shoe Co., Duluth, Minn.
Diamond Carbon Co., mfrs. carbon black, Atlas Bank bldg, Cincinnati, Ohio.
Diamond Chain Co., York, Pa.
Diamond Chain & Mfg. Co., 502 Kentucky av, Indianapolis, Ind.
Diamond Clamp & Flask Co., Richmond, Ind.
Diamond Coal Co., Albuquerque, N. M.
Diamond Cork Co., 59 Pearl, New York.
Diamond Cupped Bearing Co., 130 Manhattan, New York.
Diamond Crystal Salt Co., St. Clair, Mich.
Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.
Diamond Dishwasher Co., Boatmen's Bk. bldg., St. Louis, Mo.
Diamond Drill Carbon Co., 59 Park Row, New York.
Diamond Drill Contr. Co., Spokane, Wash.
Diamond Drilling Co., contr., 768 Mission, San Francisco, Cal.
Diamond Elec. Soap Co., Greenfield, Mass.
Diamond Elec. Water Heater Co., Kohl Bldg., San Francisco, Cal.
Diamond Expansion Bolt Co., 89 West, New York.
See adv index at end of book.
Diamond Fire Brick Co., Canon City, Colo.
Diamond Fdry. Co., Akron, Ohio.
Diamond Furniture Co., 40 Taylor, Jamestown, N. Y.
Diamond Glass Co., 1447 W. 25th, Cleveland, Ohio.
Diamond Glass Co., bottle mfrs., Royersford, Pa.
Diamond Glue Co., gelatine mfrs., Ill. Mich. Canal, Chicago, Ill., & 213 N. Water, Philadelphia, Pa.
Diamond Huller Co., Winona, Minn.
Diamond, I., architect, 504 E., N. W., Washington, D. C.
Diamond Ink Co., glue, etc., 192 E. Water, Milwaukee, Wis.
Diamond Iron Works, 2d & 18th av, N., Minneapolis, Minn.
Diamond, L. J., boilers, Elwood, Ind.
Diamond Lbr. Co., Wilmington, Del.
Diamond Lumber Co., Green Bay, Wis.
Diamond, McConnell & Co., washing blue, 409 N. 4th, Phila., Pa.
Diamond Mach. Co., coal chutes, pumps, Monongahela, Pa.
Diamond Mach. Co., magnetic chucks, grinding & polishing machinery mfrs., Providence, R. I.
Diamond Match Co., match mfrs. & machsts. & fndrs., 111 B'way, New York.
Diamond Metal Weather Strip Co., Columbus, Ohio.
Diamond Mill Co., flour, Sherman, Texas.
Diamond Mills Paper Co., 44 Murray, New York.
Diamond Mountain Lbr. Co., Susanville, Cal.
Diamond, Nicholas & Co., sample cases, 616 W. Adams, Chicago, Ill.
Diamond Oil Co., core & paint oils, & turpentine substitute, Land Title bldg., Phila., Pa.
Diamond Paint & Varnish Co., 910 Champlain av, Cleveland, Ohio.
Diamond Paste Co., Albany, N. Y.
Diamond Point Pen. Co., 44 E. 23d, New York.
Diamond Pointed Tool Co., 141H Fulton, New York.
Diamond Portland Cement Co., 1313 Williamson, Cleveland, O.
Diamond Power Specialty Co., flue cleaners, Oakland & Caniff, Detroit, Mich.
Diamond Press Brick Co., Ferris, Tex.
Diamond Red Paint Co., 2750 N. Lincoln, Chicago, Ill.
Diamond Rubber Co., Akron, Ohio.
DIAMOND SAW & STAMPING WORKS, "Sterling" hack saws, machines, & frames, 357 7th, Buffalo, N. Y.
See adv index at end of book.
Diamond Service advertising counsellors, Waterbury, Conn.
Diamond Show Case Co., 2210 Superior, N. W., Cleveland, Ohio.
Diamond Spec. Co., carbon removers, Indianapolis, Ind.
Diamond Specialty & Supply Co., boring bars & gauge glasses, 1225 Arch, Phila., Pa.
Diamond State Fibre Co., advtg. nov. & spec. artificial leather, fibre goods, Bridgeport, Pa.
Diamond Steel Pole Co., Land Tile Bldg., Philadelphia, Pa.
Diamond Stone Co., Passaic, N. J.
Diamond T., Motor Car Co., 4501 W. 26th, Chicago, Ill.
Diamond Tack & Nail Wks., 89 Beach, Boston, Mass.
Diamond Textile Machine Wks., 1820 N. 10th, Philadelphia, Pa.
Diamond Tool & Die Co., lathes, tools, 438 Asylum, Hartford, Conn.
Diamond Veneer Co., Edinburg, Ind.
Diamond Wall Cement Co., wall plaster mfr., Williamsport, Pa.
Diamond Whip Co., axle & leather washers, 406 N. Curtis, Chicago, Ill.
Diamond Wire & Iron Wks., oven wire goods, 201 N West, Indianapolis, Ind.
Diana Oil & Grease Co., 554 Hamilton av, Brooklyn, N. Y.
Diana Paper Co., Watertown, N. Y.
Dibble, Chas. E., contractor, Adrian, Mich.
Dibble, S. B., Lumber Co., North Adams, Mass.
Dibble, Wallace E., architect, 317 Main, Springfield, Mass.
Dibelka, Jas. B., architect, 2743 W. 22nd, Chicago, Ill.
Dibert, Bancroft & Ross Co., Ltd., mill & facty. supplies, Tulane & Hagan av, New Orleans, La.
Dibert, L. C. Co., oat meal machy., 35 Minna., San Francisco, Cal.
Dibert, Stark & Brown Cypress Co., Ltd., Donner, La.
Di Blasi, Alfred, architect, Corona, N. Y.
Diboll & Owen, Ltd., archts., Interstate Bldg., New Orleans, La.
Di Bona, Luigi, granite, W. Quincy, Quincy, Mass.
Di Camillo, Raymond C., architect, 8101 Dower av, Cleveland, Ohio.
Dice Mach. Co., Anderson, Ind.
Dick, A. B., Co., duplicators, 736 W. Jackson blvd, Chicago, Ill.
Dick Bros. (Inc.), cocks (basin, bath), machsts. & fndrs., Reading, Pa.
Dick, D. D., & Sons, enamelers, 519 Cherry, Philadelphia, Pa.
Dick, David & Son, architects, Charleston, W. Va.
Dick, Gustav A., architect, 811 State, Milwaukee, Wis.
Dick, J. H., trunk mfrs., 645 W. Madison, Chicago, Ill.
Dick, J. I., Co., cornices, Scottdale, Pa.
Dick, Jos., Mfg. Co., mchsts. & fndrs., & agricultural implts., Canton, Ohio.
Dick & Maurer, architects, 811 State, Milwaukee, Wis.
Dick & Monaco, contrs., Bernardsville, N. J.
Dick, R. & J., Co., Inc., mill & factory supplies, 557 Mission, San Francisco, Cal.
Dick, R. & J., Ltd., belting, turned shafting & wrought steel pulleys, Passaic, N. J.
Dick Sand Co., Franklin, Pa.
Dick, W. W., heating contr., Box 260, Greensboro, N. C.
Dick, Wilmot, contractors, Camden, N. J.
Dickason, Goodman, Lbr. Co., K. & P. Bldg., Kansas City, Mo.
Dicke Tool Co., Downers Grove, Ill.
Dickelman Mfg. Co., cornices & skylights & conductor pipe & eaves troughs, Forest, Ohio.
Dickenson, H. G., machsts., Rockford, Ill.
Dickerman & Co., masons' & bldrs.' matls., Concord, N. H.
Dickerman, E. W., architect, Perry Bldg., Binghamton, N. Y.
Dickerman Hardware & Supply Co., Wallingford, Conn.
Dickerman, J. A., rattan furniture, Gardner, Mass.
Dickerson Bldg. Supply Co., sash, door & blind, Fairmont, W. Va.
Dickerson Cotton Cleaner Co., machines, Ft. Worth, Tex.
Dickerson, Edward, contractor, Chester, Pa.
Dickerson Lbr. Co., masons & bldrs. mtls. & sashes, Huntington, W. Va.
Dickerson, Van Dusen, & Co., tin, plate, 32 Cliff, New York.
Dickey, A., & Co., porch columns, rope mouldings, etc., 37 Bristol, Boston, Mass.
Dickey, A. F., architect, Huntington, W. Va.
Dickey, A. P., Mfg. Co., fanning mills, coffe, bean, pea & rice cleaners & graders, Racine, Wis.
Dickey Belting Co., Lewiston, Me.
Dickey, C. W., & Donovan, John J., architects, 414 15th, Oakland, Cal.
Dickey Grabler Wks. of the Bankers Savings & Credit System Co., dies, steel stamps, etc., W. Madison & 103d, Cleveland, Ohio.

Dickey, H. M., masons' & bldrs.' matls., Oldtown, Me.
Dickey, Leroy W., contractor, Lowell, Mass.
Dickey Mfg. Co., seals, Indiana Harbor, Ind.
Dickey, Robert & Co., broom corn, 25th & A. V. R. R., Pittsburgh, Pa.
Dickey, W. S., Clay Mfg. Co., masons' & bldrs. matls., N. Y. Life Bldg., Kansas City, Mo. *See adv index at end of book*
Dickhoff, Samuel, contractor, Schenectady, N. Y.
Dickie Construction Co., Syndicate Trust Bldg., St. Louis, Mo.
Dickie, D. W. & R. Z., naval architects, 112 Market, San Francisco, Cal.
Dickie, Jas., architect, 112 Market, San Francisco, Cal.
Dickinson Ball Bearing Wheel & Vehicle Co., Little Rock, Ark.
Dickinson Brick & Tile Co., Glasgow, Ky.
Dickinson Bros., masons' & bldrs.' matls., Glasgow, Ky.
Dickinson, Chas. W., hickory handles, Ypsilanti, Mich.
Dickinson, C. W. Jr., machst. Belleville, N. J.
Dickinson Co., canned goods, Oswego, Ore.
Dickinson & Co., canned goods, Eureka, Ill.
Dickinson, D. E., architect, Blissfield, Mich.
Dickinson Fire Brick Co., Buena Vista, Va.
Dickinson Fire & Pressed Brick Co., Dickinson, N. D.
Dickinson, Frank L., architect, Westville, N. J
Dickinson, Geo. A., contractor, Bellingham, Wash.
Dickinson, H. H., Builders' Supply Co., 1140 14th av, Detroit, Mich.
Dickinson & Hockenberry, contractors, Marietta, Ohio.
Dickinson, J. Q., & Co., bromine, Malden, W. Va.
Dickinson, Paul, round house smoke jacks, 3346 S. Artesian av, Chicago, Ill.
Dickinson, Thos. L., diamond tools mfrs., 36 Gold, New York.
Dickinson W. E., architects, 136 Washington, Paterson, N. J.
Dickinson's, A., Sons, lbr., pails, boxes, etc., Ashuelot, N. H.
Dickison, Guy B., contrs., Union Bldg., Syracuse, N. Y.
Dickover, Geo. T. & Son, contractors, Wilkes-Barre, Pa.
Dickover, M. A., contrs., Hammond, Ind.
Dickow, Fred C., machy. dir., 3504 W. Lake, Chicago, Ill.
Dicks, David, & Co., Inc., dyes, colors, etc., Varick & N. Moore, New York.
Dicks-Pontius Co., cements, wax, etc., Dayton, Ohio.
Dicks, Slosson Co., Inc., humidifying app., 302 B'way, New York.
Dickson, A. L., contrs., Jackson, Miss.
Dickson Bros., drain tile, Whiteland, Ind.
Dickson & Bull, mfrs. artificial limbs, 2116 Telegraph av, Oakland, Cal.
Dickson Car Wheel Co., Houston, Tex.
Dickson & Co., mill & facty. supplies, New Castle, Pa.
Dickson, J. W., machsts. & fndrs., Castle Rock, Wash.
Dickson, J. W. Co., lumber, Memphis, Tenn.
Dickson, Jas. C., lbr. mfrs., 936 E. Vermont, Indianapolis, Ind.
Dickson, R., architect, Virginia City, Nevada.
Dickson & Turnbull, contractors, 421 W. 54th, New York.
Dictograph Co., 220 W. 42d, New York.
Didier-March Co., mfrs. fire brick, all kinds, Perth Amboy, N. J.
Didier, Wm., Mfg. Co., machsts., Racine, Wis.
Didriksen, H. P., floor-finishing machs., 1826 Summit, Columbus, Ohio.
Die Cast Fibre Co., Wilmington, Del.
DIE CASTING COMPANY OF OHIO (THE), Toledo, Ohio. *See adv index at end of book*
Die Sinking & Mach. Co., rubber molds, Akron, Ohio.
Diebold Elec. Co., mach. dlrs., Salt Lake City, Utah.
Diebold, John, & Sons Stone Co., 1417 16th, Louisville, Ky.
Diebold Lumber & Mfg. Co., embossed mouldings, 93 Wabash av, Pittsburgh, Pa.
Diebold Products Co., machsts., 5333 St. Clair, Cleveland, Ohio.
Diebold Safe & Lock Co., Canton, Ohio.
Dieckman Hardwood Co., 350 Beach, San Francisco, Cal.
Dieckmann, Ferdinand, Co., conductor pipe, etc., 1182 Harrison av, Cincinnati, Ohio.
Diedrick, Aug., contractor, 97 Van Buren, Brooklyn, N. Y.
Diefenbacher, Philip, & Son., hollow bldg. blocks, Massillon, O.
Diefenderfer & Dinwiddie Co., who. h'dwe., Sheridan, Wyo.
Diefendorf Gear Corp., Syracuse, N. Y.
Diefenthaler & Co., brick & tile, Millbury, O.
Dieffenbach, C. F., architect, 84 Washington, Hoboken, N. J.
Dieffenbacher, P., & Sons, contractors, Massillon, Ohio.
Diehl, D. S. & Co., lbr. Colville, Wash.
Diehl, F. F., contractor, 3539 Shaw av, Cincinnati, Ohio.
Diehl, G. M., Mach. Wks., Wabash, Ind.
Diehl, H. P., Co., fireworks, Lawrenceburg, Ind.
Diehl, H. Robt., architect, 254 Granby, Norfolk, Va.
Diehl Mfg. Co., electric generators and motors, Elizabeth, N. J.
Diehl Novelty Co., mchsts. & fdrs., Glenbeulah, Wis.
Diehl, Omwake & Diehl, masons' & bldrs.' matls., Chambersburg, Pa.
Diehl, Pottery Co., Drexel bldg., Philadelphia, Pa.
Diehl, W. Neuton, architects, New Monroe Bldg., Norfolk, Va.
Dielectric Mfg Co., compounds, wood preservatives, paints, varnishes, etc., 224 S. Vandeventer av, St. Louis, Mo.
Dielmann, Jno. C., masons' & bldrs.' matls., San Antonio, Tex.
Dielmann, L. M. J., architect, 306 E. Commerce, San Antonio, Tex.
Dielmore Valve Co., Tacoma, Wash.
Diem & Wing Paper Co., Gilbert av, Cincinnati, Ohio.
Dieman & Co., architect, Granby bldg., Cedar Rapids, Iowa.
Diemer, John F., Co., envelopes, 107 Lafayette, New York.
Diemer, Julius J., architect, 1 Madison av, New York.
Dienelt & Eisenhardt, Inc., oil cloth printing & spec. machy. etc., 1304 N. Howard, Phila., Pa.
Diener, Geo. W., Mfg Co., cans, torches, fire extinguishers, etc., 400 Monticello av., Chicago, Ill.
Diener, T. C., & Co., stone producers, 1157 W. 21st, Chicago, Ill.
Dienst, A. P., Co., steam fitters', mill & facty. supplies, 2604 3d av, New York.
Diepress Co., folding boxes, cartons & labels, Dept. H, Cazenovia, N. Y.
Diercks-Blodgett Shipbldg. Co., Pascagoula, Miss.
Dierks Lbr. & Coal Co., masons' & bldrs.' matls., Gates Bldg., Kansas City, Mo.
Dierks & Sons Lbr. Co., sash, door & blind mfrs., 19th cor. Woodland av, Kansas City, Mo.
Diestel, John., contrs., 235 Montgomery, San Francisco, Cal.
Diestler Co., lumber, Hortonville, Wis.
Dieter Nut Co., 374 Madison av, New York.
Dieter & Wenzel Construction Co., contrs., Joplin, Mo.
Dieterler, Chas. T. E., architect, 15 W. 38th, New York.

Dietrich & Beutin, brick, Dubuque, Iowa.
Dietrich Bros., steel structural dealers, Pleasant & Davis, Baltimore, Md.
Dietrich, E. G. W., architect, 1 Madison av, New York.
Dietrich, H. A. R., htg. contrs., South Bethlehem, Pa.,
Dietrich, J., & Co., soap, San Antonio, Tex.
Dietrich, John H., carriages, Greenm't Gorsh av., Baltimore, Md.
Dietrich, Wm. A., contractor, Pottsville, Pa.
Dietrichs Valve-Oleum Oil Co., lubricating oils, 1252 W. 70th, Cleveland, O.
Diets, S. J., mchsts. & fdrs., Bloomington, Ill.
Dietsch, A. Co., sash, door & blind mfrs., 2640 Sheffield av, Chicago, Ill.
Dietz, C. N., Lbr. Co., Omaha, Neb.
Dietz, Fred, Co., wire bound boxes, 1102 Madison av, Indianapolis, Ind.
Dietz, H. Z., architect, Lafayette, Ind.
Dietz, H. Ziegler, architect, Public Sav. Ins. bldg., Indianapolis, Ind.
Dietz, J. F., Co., desk mfrs., Cincinnati, O
Dietz Machine Wks., envelope, cigarette & match box machy., 126 Fontaine, Phila., Pa.
Dietz, R. E., Co., lamps, lanterns, 60 Laight, New York.
Dietz, W. G., stone, Palmyra, Pa.
Dietze, Oscar, cornices, 208 E. 74th, New York.
Dietzgen, Eugene, Co., "T" squares, architects' & engineers' instruments, 166 W. Monroe, Chicago, Ill.
Diez & Roemer Brass Co., mchsts. & fndrs., 212 Fallsway, Baltimore, Md.
Diffany & Co., machsts., 436 Mulberry, Newark, N. J.
Diffenerfer, E. H., architect, Winchester, Va.
Differential Car Co., Inc., dumping cars, 141 B'way, New York.
Differential Clock Co., 209 S. State, Chicago, Ill.
Diffley, Thos., & Co., trunk mfrs., Louisville, Ky.
Diffor, John, bldg. contr., Superior, Wis.
Di Fiore, D., Canning Co., San Jose, Cal.
Digel, S. H., contractor, Elwood, Ind.
Digestive Ferments Co., 920 Henry, Detroit, Mich.
Diggins, G. F., contractor, Kendallville, Ind.
Diggs & Beadles, fertilizer mfrs., Richmond, Va.
Diggs, D. W., fire extinguishers, 156 Bway, N. Y.
Diggs, S., flour mills, Oliver Springs, Tenn.
Dighton Foundry Co., Taunton, Mass
Dighton Stove Lining Co., Dighton, Mass.
Digneo, Carlos, contractor, Sante Fe, N. M.
Dikeman Mfg. Co., awls, clamps, scrapers, vises, screw driver mfrs., wrenches, etc., Norwalk, Conn.
Dildine Bridge & Iron Co., Hannibal, Mo.
Dilg Mfg. & Trading Co., dynamo mfrs., elec. fans, ice breakers, polish, 27 E. 125th, New York.
Dilker, D. H., & Sons, contrs., Quincy, Ill.
Dill & Collins Co., paper & pulp mills, 140 N. 6th, Philadelphia, Pa.
Dill-Cramer-Truitt Corp., lbr. Suffolk, Va.
Dill-Crosett, Inc., chemical & steel importers, 235 Pine, San Francisco, Cal.
Dill, J. T. Co., mill & facty. supplies, 90 Walker, New York.
Dill, Jas. B., flour mills, Huntingdon, Tenn.
Dill, John W., architect, Idaho Falls, Idaho.
Dill, Lewis, & Co., lumber mfrs., Keyser Bldg., Baltimore, Md.
Dill Mfg. Co., junction boxes & metal stamping, etc., 684 E. 82d, Cleveland, Ohio.
Dill, T. C. Machine Co., slotting machines, Somerset & Mascher, Phila., Pa.
Dill, Wm., architect, Little Rock, Ark.
Dill, Wm. H., Co., contractors, 153 Masten av, Buffalo, N. Y.
Dillard Crawley Hardware Co., Blackstone, Va.
Dillard, Frank G., architect, 58 E. Washington, Chicago, Ill.
Dillard & Jones, flour mills, Mineral Springs, Ark.
Dille & Harris, masons' & bldrs.' matls., Valparaiso, Ind.
Dille & McGuire Mfg. Co., lawn mowers, Richmond, Ind.
Dillehay Brick Co., Danville, Ky.
Diller Clay & Stone Co., Lancaster, Pa.
Diller Mfg. Co., machinists, Bluffton, O.
Diller Tile Co., Bluffton, Ohio
Dilley, Clinton L., Co., masons' & bldrs.' matls., Logansport, Ind.
Dilley, Geo. E., & Son, mill & facty. supplies, logging cars, locomotives, etc., Palestine, Texas.
Dilley, Wm., janitors' supplies, 22 N. 5th av, Chicago, Ill.
Dilling Cotton Mills, Kings Mountain, N. C.
Dillingham Mfg. Co., ironing boards, ladders, refrigerators, etc., Sheboygan, Wis.
Dillman, I. M., sashes, doors & blinds, Long Beach, Cal.
Dilliner-Meyer Mfg. Co., turnbuckles for aircraft, W. Hoboken, N. J.
Dillom, J., & Co., contrs., 179 W. Washington, Chicago, Ill.
Dillon Box Iron Wks., see William A. Box Iron Works Co. (successor).
Dillon, C. E., architect, Mechanics Bldg., Petersburg, Va.
Dillon, D. M., Steam Boiler Wks., Fitchburg, Mass.
Dillon, Edward F., contractors, 5 N. First, Albany, N. Y.
Dillon Electric Grinder Co., Canton, Ohio.
Dillon Hardware Co., Denver, Colo.
Dillon, Jno., & Co., contractors, 179 W. Washington, Chicago, Ill.
Dillon, Jno. L., masons' & bldrs.' matls., Salem, N. Y.
Dillon, John R., architect, Grant Bldg, Atlanta, Ga.
Dillon, J. W., masons' & bldrs.' matls., Thomasville, Ga.
Dillon, McLellan & Beadel, architects, 149 B'way, New York.
Dillon Machine Co., Lawrence, Mass.
Dillon, Moses, Co., masons' & bldrs.' matls., Sterling, Ill.
Dillon Plow Works, Dillon, S. C.
Dillon Supply Co., mill & facty. supplies, Raleigh, N. C.
Dillon's, E., Sons, lime mfrs., Indian Rock, Va.
Dilts Machine Works, paper mill machinery, knives, etc., Fulton, N. Y.
Dilworth, Porter & Co., machsts. & fndrs., 4th & Bingham, Pittsburgh, Pa.
Dilzer, Fred, htg. contractor, 58 W. Kinzie, Chicago, Ill.
Dimler Mach. Tool Co., Dayton, Ohio.
Dimock & Fink Co., mill & facty. & plumbers' supplies—jobbers, 220 E. 125th, New York.
Dimock, Gould & Co., lbr. mfrs., Moline, Ill.
Dimond, J. H. E., & Son, carriages, Urbana, Ohio.
Dimond Milling Co., cereal foods, Keokuk, Ia.
Dimond-Union Stamp Wks., 175 Washington, Boston, Mass.
Dinan, Thos. (Est. of), brick, East Kingston, N. Y.
Dines, Wm. L., Jr., Co., machsts. & rice & coffee hulling machy., Worcester, Mass.

Ding & Teuscher, cornices, 11 Holland, Newark, N. J.
Dingee, M. H., & Co., lubrg. oils, 254 Water, New York.
Dingelstedt & Co., arsenic, 21 State, New York.
Dingfelder, W. S., lbr., sash, door & blind mfr., Hamilton, Ohio.
Dingley, E. S., Co., canned goods, West Farmington, Me.
Dings, Chas. W., mill & facty. supplies, Oswego, N. Y.
Dings Magnetic Separator Co., magnetic separators for all purposes, 672 Smith, Milwaukee, Wis. *See adv. index at end of book.*
Dini, Geo. L., papier mache mfrs., 483 Baltic, Brooklyn, N. Y.
Dinkel, J. S., lumber, Longwood, Fla.
Dinkel & Jewell Co., masons' & bldrs.' matls., Tarrytown, N. Y.
Dinkelberg, Frederick P., architect, 80 E. Jackson blvd., Chicago, Ill.
Dinkins-Davidson Hardware Co., Atlanta, Ga.
Dinn, P. J., & Co., archl. iron, 278 Dover, Boston, Mass.
Dinnebeil Bros., contractors, 200 5th av, New York.
Dinnie, J. A., Co., contractors & masons' & bldrs.' matls., Grand Forks, N. D.
Di Novo, Frank, contractor, Troy, N. Y.
Dinsmoore, Geo. W., packing box mfrs., Lawrence, Mass.
Dinsmore Mfg. Co., sewing machs. & machy., Salem, Mass.
Dinwiddie Constr. Co., Crocker bldg, San Francisco, Cal.
Dion, Geo. P., architect, Chicopee, Mass.
Diorio, Rocco & Co., sewer contrs., Waterbury, Conn.
Dipple, Geo. F., architect, Carbondale, Ill.
Dippold, A. P., architect, 4747 Cottage Grove av, Chicago, Ill.
Dippold, Fred M., stone, St. Marys, Pa.
Direct Advtg. Co., advtg. spec., Erie, Pa.
Direct Line Telephone Co., 450 Broome, New York.
Direct Separator Co., steam separators, Syracuse, N. Y.
Directory Cement, Gypsum & Lime Mfrs., trade publications, 53 W. Jackson blvd, Chicago, Ill.
Directory of the Architectural & Building Trades, trade publications, Perry Bldg., Phila., Pa.
Directory of Textile Brands, 334 4th av, New York.
Dirigo Packing Co., Machias, Me.
Dirks, Henry, lbr. Castlerock, Wash.
Dirksen, A. & Son, furniture, Dept. H, Springfield, Ill.
Dirksen, R. D., sash, door & blind mfrs., Freeport, Ill.
Di Roma, Tony, landscape architect, 33 Evelyn pl, New York.
Dirr, Geo. L., & Son, cornices, 3631 Warsaw av, P. H., Cincinnati, Ohio.
Disappearing Propeller Boat Corp. of New York, motor boats & gasoline engines, North Tonawanda, N. Y.
Disappearing Roller Screen Co., 2544 W. Pico, Los Angeles, Cal.
Disborough, Geo., contractor, Connersville, Ind.
Disbrow, M. A., & Co., glass & masons' & bldrs.' matls., Lyons, Ia.
Disbrow Sash & Door Co., Cedar Rapids, Ia.
Disc Grader & Plow Co., 400 N. E. Pierce, Minneapolis, Minn.
Dischert, Geo. C., Carriage & Wagon Co., 915 Washington, St. Louis, Mo.
Disco Elec. Starter Corp., 500 Howard, Detroit, Mich.
Disharoom, C. R., Co., lbr., Salisbury, Md.
Dishaw & Dishaw, machinists & founders, Canton, N. Y.
Disher, Anderson E., lumber, Dexter, Mo.
Dishman, A. T., common brick, Spokane, Wash.
Dismuke Fndry. Co., gray iron castings, Columbus, Ga.
Dispatch Motor Car Co., 1200 av S. E., Minneapolis, Minn.
Display Fountain Mfg. Co., elec. illuminated signs, 187 B'way, New York.
Dissinger Farm Co., machsts. & fndrs., Wrightsville, Pa.
Dissosway-Schad Co., Inc., bariem acetate, calcium oxide & cadium, 830 Humboldt St., Brooklyn, N. Y.
Disston, Henry, & Sons, saw sharpening & metal cutting-off machinery & screw rods, Tacony, Philadelphia, Pa.
Distler, John C., cornices, Mishawaka, Ind.
District of Columbia Paper Mfg. Co., 3255 K, N. W., Washington, D. C.
Ditch, Bowers & Taylor, carriages, Mt. Roy & North, Baltimore, Md.
Ditchitt, Thos. (Est.), roofing slate, Bangor, Pa. *See adv index at end of book.*
Dithey, Wm. J., architect, 1 Union sq., W., New York.
Ditmars, I. E., architect, 111 5th av, New York.
Dittlinger, H., Roller Mills Co., flour, New Braunfels, Tex.
Dittlinger Lime Co., New Braunfels, Tex.
Dittman, Fred, Hardware Co., cornices & skylights, La Crosse, Wis.
Dittmar Furn. Co., Dept. H, Williamsport, Pa.
Dittmar, John, & Son, wood handles, 800 E. Pratt, Baltimore, Md.
Dittmar Powder Wks., 102 W. 130th, New York.
Ditto, Chas. H., duck calls, Keithsburg, Ill.
Ditto, E. W., plbrs. supplies, Hagertown, Md.
Ditto, G. M., machinist, Joliet, Ill.
Dittoe Fahnestock & Ferber, architects, Central S. & T. Bldg., Akron, Ohio.
Dittoe, Fahnestock & Ferber, architects, Carew Bldg., Cincinnati, Ohio.
Dittrick, Henry C., architect, 1219 E. 30th, N. Portland, Ore.
Dittrick & Jordan Elec. Co., armature re-winding, 8700 Lorain av, Cleveland, Ohio.
Ditzel & Ward, contractors, Batavia, N. Y.
Ditzler Color Co., automobile paints, varnishes, fillers, etc., 40 Baltimore av W., Detroit, Mich.
Diulus, Guy, contractor, 389 Boquet, Pittsburgh, Pa.
Divekey Bros., machsts. & mill & facty. supplies, Aurora, Ill.
Diven Mfg. Co., filing cabinets & devices, Elmira, N. Y.
Diversey Fdry. Co., 1651 Wolfram, Chicago, Ill.
Divex Chemical Corp., 320 5th av, New York.
Divine Bros. Co., buffing & polishing wheels, Utica, N. Y.
Divine, Dwight, & Son, cutlery mfrs., Ellenville, N. Y.
Devine, Fred D., Co., fishing rods, Utica, N. Y.
Dix Bros., flour mills, Wytheville, Va.
Dix, Chas. B., machsts. & fndrs., Glens Falls, N. Y.
Dix, Chas. H., stone, 52 B'way, New York.
Dix, John C., Son & Co., carriages, Memphis, Tenn.
Dix Mfg. Co., hdwe. mfrs., Eager & Fallsway, Baltimore, Md.
Dix-Mason Brick Co., Marion, Ohio.
Dixey, W. V., & H. B. Smilie, architects, 585 Boylston, Boston, Mass.
Dixie Brass & Fdry. Co., castings, models, etc., Birmingham, Ala.
Dixie Brick & Tile Co., Puryear, Tenn.
Dixie Cotton Mills, La Grange, Ga.
Dixie Cotton Oil Co., Montgomery, Ala.
Dixie Cotton Oil Mill, cottonseed meal, Little Rock, Ark.
Dixie Culvert & Metal Co., pipe, dredge & pontoon, Atlanta, Ga.
Dixie Electro Magnet Co., magnetic separators, Memphis, Tenn.
Dixie Fertilizer Co., Dublin, Ga.
Dixie Guano Co., fertilizer mfrs., Suffolk, Va.
Dixie House Co., contrs., North Charleston, S. C.
Dixie Lime & Cement Corp., Norfolk, Va.
Dixie Logging Tool Co., Chattanooga, Tenn.
Dixie Lbr. Co., Pope's Ferry, Ga.
Dixie Mfg. Co., dust collectors, Russel & B. & O. R. R., Baltimore, Md.
Dixie Mattress Co., Hattiesburg, Miss.
Dixie Mill Supply Co., 901 Tchoupitoulas, New Orleans, La.
Dixie Milling Co., flour, Burlington, N. C.
Dixie Milling Co., flour, High Point, N. C.
Dixie Motor Car Co., 3d & K, Louisville, Ky.
Dixie Packing Co., Atlanta, Ga.
Dixie Portland Cement Co., Chattanooga, Tenn.
Dixie Seal & Stamp Co., stencils, Atlanta, Ga.
Dixie Vehicle Manufacturing Co., Ltd., 721 St. Joseph, New Orleans, La.
Dixon & Ballou, plumbers' supplies—jobbers, 321 Ellicott, Buffalo, N. Y.
Dixon, Chas. E., & Son, trench braces, 3027 Liberty av, Pitts., Pa.
Dixon, Chas. R., Co., machinists, Kingston, N. Y.
Dixon & Dixon, contrs., Martins Ferry, Ohio.
Dixon, Fred J., architect, 1188 Main, Bridgeport, Conn.
Dixon Glass Co., Los Angeles, Cal.
Dixon, H. L., Co., glass house moulds & machsts. & fndrs., Roslyn rd, Carnegie, Pa.
Dixon, John, & Son, cornices, Racine, Wis.
Dixon, Joseph Crucible Co., graphite products, Jersey City, N. J.
Dixon Lubricating Saddle Co., stirrups & levers, Bristol, R. I.
Dixon Lbr. & Mill Work Co., Weldon, N. C.
Dixon Mfg. Co., machsts. & fndrs., Austin, Tex.
Dixon, Robt. B., & Co., masons' & bldrs.' matls., Easton, Md.
Dixon, Robt. C., architect, 548 Park av, Trenton, N. J. & Weehawken, N. J.
Dixon Springs Milling Co., flour, Dixon Springs, Tenn.
Dixon Valve & Coupling Co., 11th & Race, Philadelphia, Pa.
Dixon, Wm., mill & facty. supplies, watchmakers' & jewelers' tools, etc., 39 John, New York.
Dixon, Wm. F., cotton & wool waste, 102 Leverington, Philadelphia, Pa.
D. & J. Co., machinists, West Lafayette, Ohio.
D. & M. Cord Tire Co., Warren, O.
D. & M. Lbr. C., Summer, Wash.
Djorup, Frank, sanitary flooring, concrete hardeners, 133 Washington, Chicago, Ill.
D. & L. Mach. & Mfg. Co., 1529 E. 49th, Cleveland, Ohio.
Dlouhy, Vincent, Sash & Door Co., 2138 Laflin, Chicago, Ill.
Doak, Albert, contractor, 2138 Arch, Philadelphia, Pa.
Doak Gas Engine Co., Oakland, Cal.
Doan, A. M., contractor, 318 Huron, Toledo, Ohio.
Doan, Israel, & Sons Co., contrs., Aurora, Ill.
Doan, T. E., Bellingham, Wash.
Doane & Bartlett Co., oils, Beaufort, N. C.
Doane, E. E., architect, 48 Corlton pl., Passaic, N. J.
Doane, G. E., mill & facty. supplies, Middleboro, Mass.
Doane, G. M., & Sons, contractors, Santa Maria, Cal.
Doane & Jones Lbr. Co., Elmira, N. Y.
Doane Mfg. Co., file handles, Allston, Mass.
Doane Motor Truck Co., 425 4th, San Francisco, Cal.
Dobbertin, A. C., corn brooms, Rochester, N. Y.
Dobbie Fdry. & Mach. Co., derricks & hoisting machinery, Niagara Falls, N. Y. *See adv. index at end of book.*
Dobbins, C. E., & Co., machinists, 460 N. Halsted, Chicago, Ill.
Dobbins Core Drill Co., Inc., 147 W. 42nd, New York.
Dobbins Mfg. Co., gasoline soldering iron, 127 S. 1st, Minneapolis, Minn.
Dobbins, Seward G., architect, Atlantic City, N. J.
Dobbins Soap Mfg. Co., 119 S. 4th, Philadelphia, Pa.
Dobbins, T. A., & Co., flour, Rusk, N. C
Dobbins, W. H., & Co., confetti, 48 N. Front, Philadelphia, Pa.
Dobbs, Jos., contractor, Bernardsville, N. J.
Dobbs, S. B., masons' & bldrs.' matls., 1218 Chestnut, Phila., Pa.
Dobeas, Louis, lumber, Ingalls, Mich.
Dobell, R. H., architect, Corvallis, Ore., & Aberdeen, Wash.
Doble, Abner, auto. bldr., Waltham, Mass.
Doble-Detroit Steam Motor Co., 408 McKerchy, Detroit, Mich.
Doble Motors, 714 Harrison, San Francisco, Cal.
Dobson, Frank, htg. contr., 319 E. 53d, New York.
Dobson, J. & J., woolen blankets, plushes, Falls Schuylkill, Philadelphia, Pa.
Dobson Mfg. Co., dairy app. & supplies, Rockford, Ill.
Dobson, R. P. & Co., heating contr., N. Paca & Saratoga, Baltimore, Md.
Dobson, W. H., contractor, Wilkes-Barre, Pa.
Dobson, Wm., spray cans, Canastota, N. Y.
Dock, Wm., & Co., soap, 2144 Colerain av, Cincinnati, Ohio.
Dockham Publishing Co., 6 Beacon, Boston, Mass.
Dockray, H. V., Brass & Iron Co., Zanesville, Ohio.
Dockstader, Otis, & Son, architects, 103 W. Church, Elmira, N. Y.
Dockwiler & Kingsbury Co., ground bone, Indianapolis, Ind.
Dodd, A. W., & Co., glue & fish oils, Gloucester, Mass.
Dodd & Carpenter, brick, Jamestown, Ohio.
Dodd City Oil Mill Co., meal, Dodd City, Tex.
Dodd Co., engng. & surveying instrs., 1936 E. 6th, Cleveland, O.
Dodd & Struthers, lightning rods, Des Moines,, Ia.
Dodd, Thos. J., contractor, Norwich, Conn.
Doddington Co., sash, door & blind mfrs., 451 W. Broad, Columbus, Ohio.
Doddridge Window Glass Co., West Union, W. Va.
Dodds, Alex., Co., machinists, Grand Rapids, Mich.
Dodds, Everett S., Co., architects, Brandeis Theatre Bldg., Omaha, Neb.
Dodds, Geo., & Sons Granite Co., Xenia, Ohio.
Dodds, John A., stone producers, 2929 Ellsworth, Phila., Pa.
Dodds L'br. Co., Omaha, Neb.
Dodge, Albert J., thermometers, Peterboro, N. H.
Dodge, August W., boilers, furnaces, etc., Springfield, Mass.
Dodge & Bliss Co., lbr. mfrs. & shooks, boxes, W. End, Jersey City, N. J.
Dodge Bros., Inc., motor vehicles, Bismarck & Jos., Campau av, Detroit, Mich.
Dodge, C. A., Co., contractors, Cambridge, Mass.
Dodge, Chas. S., machinists, Lowell, Mass.
Dodge Clothespin Co., wood dishes, Caudersport, Pa.
Dodge-Davis Mfg. Co., woolen flannels, Bristol, N. H.
Dodge-Dickinson Co., mattresses, Bloomington, Ill.
Dodge, Edwin L., htg. contr., 8 Friend, Boston, Mass.

Dodge, E. J., Co., lumber mfrs., 16 California, San Fran., Cal.
Dodge, F. W., trade publication, 119 W. 40th, New York.
Dodge, Geo. E., contr., Stamford, Conn.
Dodge, Haley Co., whle. heavy hrwe., machst., mill, facty., railroad & blacksmith supplies, also carriage woodwork, 218 High, Boston, Mass.
Dodge, H. B., & Co., sash, door & blind mfrs., 332 So. Michigan av, Chicago, Ill.
Dodge, H. C., Inc., turret lathes, 46 Alger, Boston, Mass.
Dodge, J., Bros., machsts. & fndrs., Campan av, Detroit, Mich.
Dodge Lumber Co., Monroe, Wis.
Dodge Lumber & Fuel Co., Rochester, Minn.
Dodge & Marrison, architects, 160 Pearl, New York.
Dodge & Olcott Co., oils, 87 Fulton, New York.
Dodge, Paul L., architect, Asbury Park, N. J.
Dodge, R. Irving, architect, 405 Lexington av, New York.
Dodge, Robt., glass stainer, 242 W. 14th, New York.
Dodge Sales & Engineering Co., power transmission machy., Mishawaka, Ind.
Dodge Scale Co., 126 11th av, New York.
Dodge Steel Pulley Corp., Oneida, N. Y.
Dodge, S. P., Co., carriages, Manchester, N. H.
Dodge Tool Co., Grinnel, Ia.
Dodgson, L. P., & Son, masons' & bldrs.' matls., McLean, Ill.
Dodson & Card Co., heating contractors, 699 Howard, Detroit, Mich.
Dodson, E., Saw Mill & Lbr. Co., 557 Cleveland av, Columbus, O.
Dodson, Fisher, Brockman Co., harness, 15 N. 3d., Minneapolis, Minn.
Dodson, H. C., Jr., architect, St. Michaels, Md.
Doe, F. A., contractor, Amesbury, Mass.
Doe, Frank P., Lumber Co., 16 California, San Francisco, Cal.
Doe Mountain Lbr. Co., Mountain City, Tenn.
Doe, Walter S., commutator compounds, Kent, Ohio.
Doehler Die-Casting Co., Huntington, Brooklyn, N. Y.
Doelger & Kirsten, machsts., 507 Cedar, Milwaukee, Wis.
Doeltz, W. F., & Sons, contrs., Plymouth bldg, Minneapolis, Minn.
Doerfinger Artificial Limb Co., 130 Anderson, Pittsburgh, Pa.
Doering, C., & Son, tinning & japanning, 1375 W. Lake, Chicago, Ill.
Doermann-Roehrer Co., mill & mine supplies, 318 E. 3rd, Cincinnati, Ohio.
Doernbecker Mfg. Co., lbr., New Era, Ore.
Doernbecker Mfg. Co., furniture, Dept. H, E. 28th & O. W. tracks, Portland, Ore.
Doerr, Burt O., architect, Battle Creek, Mich.
Doerr Glass Co., glassware, Vineland, N. J.
Doerr, Harold F., architect, 5210 Cornell av, Chicago, Ill.
Doerr, J. F., architect, 105 N. Clark, Chicago, Ill.
Doerr, Wm. P., architect, 28 E. Jackson blvd., Chicago, Ill.
Doerun Oil Mill Co., Doerun, Ga.
Doerzbach Bros., contractors, Sandusky, Ohio.
Doetsch & Bauer Co., furniture, 1534H Altgold, Chicago, Ill.
Doggett, Stanley, hydraulic lime & clay, minerals, etc., 11 Cliff, New York.
Doherty Bros., iron fndrs., Lowell, Mass.
Doherty, Eugene (Est. of), rubber goods, 110 Kent av, Brooklyn, N. Y.
Doherty, Frank E., contractor, 133 W. Washington, Chicago, Ill.
Doherty, Frank J., cornices & skylights, Lynchburg, Va.
Doherty Hardware Co., Ltd., Baton Rouge, La.
Doherty, Jos., & Bro., contractors, ft. of Hallam, Bridgeport, Conn.
Doherty, Peter J., architect, Leicester, Mass.
Doherty, Philip, Hardware & Supply Co., Latrobe, Pa.
Dohmen, Anton, architect, 68 Wisconsin, Milwaukee, Wis.
Dohn, Fischer & Beyer, sash, door & blind mfrs., Buffalo, N. Y.
Doig, Wm. S. (Est. of), machinist, 54 Franklin, Brooklyn, N. Y.
Dolan, Daniel J., masons' & bldrs.' matls., 1643 Market, San Francisco, Cal.
Dolan, Mrs. Ellen, contractor, Betehl, Conn.
Dolan, F. M., & Sons, architects, Globe bldg, St, Paul, Minn.
Dolan, Jos. M., contractor, 197 Sidney, Boston, Mass.
Dolan, Thos., Heating Co., Oklahoma, Okla.
Dolan, T. & J., stone producers, 316 S. 24th, Philadelphia, Pa.
Dolan, W. J., church decorations, 100 Boylston, Boston, Mass.
Dolan Wrecking Co., Oakland, Cal.
Doland, J. A., & Co., contractors, New London, Conn.
Dolbeer & Carson Lumber Co., Merchants' Exch. Bldg., San Francisco, Cal.
Dolby, S. W., Jr., canned goods, Whitehaven, Md.
Dolby, W. H., canned goods, Whitehaven, Md.
Dold, Jacob, Packing Co., meat, Buffalo, N. Y.
Dold-Walls Co., kitchen utensils, 417 Commerce, Phila., Pa.
Dole, E., & Co., woolen flannels, Campton, N. H.
Dole, Osgood & Co., carriages, Peabody, Mass.
Dole Valve Co., 1923 Carroll av, Chicago, Ill.
Doles, Edwin E., spokes, rims (carriage & wagon wheel), Greensburg, Ind.
Dolese Bros. Co., contractors, stone, 10 S. La Salle, Chicago, Ill.
Dolese & Shepard Co., contractors & masons' & bldrs.' matls., 108 S. La Salle, Chicago, Ill.
Dolezal, Jos., pearl buttons, Long Island City, N. Y.
Dolge, C. B., Co., compounds, disinfectants, etc., Westport, Conn.
Dolge, Ernest, Inc., lbr., Tacoma, Wash.
Dolgeville Felt Shoe Co., Dolgeville, N. Y.
Dolgoff, Jas. L., scrap brass, Bridgeport, Conn.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.
Dolinsky Bros., contractors, Cleveland, Ohio.
Doll, Jacob, & Sons, pianos, 100 Southern blvd, New York.
Doll, Wm., founders, Dresden, O.
Dollan, Jos., Contrg. Co., 25 W. 140th, New York.
Dollar, Robert, Co., lumber, 230 California, San Francisco, Cal.
Dollar, W. H., Mfg. Co., killers. fly swatters, Camden, N. J.
Dollard Const. Co., contrs., Syracuse, N. Y.
Dollard, Jas., Co., contractors, Troy, N. Y.
Dollard, M. F., contractor, Albany, N. Y.
Dolliff, L. P. & Co., lbr., 615 Lumber Ex. bldg., Minneapolis, Minn.
Dollinger, John, tubular boilers, Beaumont, Tex.
Dolliver, J. W., architect, 201 Sansome, San Francisco, Cal.
Dollman, Henry, 1207 N. Illinois, Indianapolis, Ind.
Dollman, J. W., cornices & skylights, Glendale, Ohio.
Dolloff, C. W., & Co., contractors, 20 Central, Boston, Mass.
Dolman, Chas., knitted gloves, 48 E. Court, Cincinnati, Ohio.
Dolomite Products Co., stone producers, 1110 Euclid av, Cleveland, Ohio.

Dolph, John C., Co., insulating compounds, 178 Emmett, Newark, N. J.
Dolph Mfg. Corp., impregnating compounds, 95 Liberty, New York.
Dolphin Cutlery Co., 3 W. 29th, New York.
Dolphin Jute Mills, cordage & twine mfrs., Paterson, N. J.
Dolphin White Lead & Color Wks., paint mfrs., Plainville, Ohio.
Doman, H. C., Co., marine engines, 5th, Oshkosh, Wis.
Dombrowski, F., founders, Neshkoro, Wis.
Dome, Geo., contractors, Middletown, Ohio.
Domestic Appliance Co., vacuum cleaners, Rochester, N. Y.
Domestic Chemical Corp., copper & zinc sulphate, Maspeth & Gardner avs, Brooklyn, N. Y.
Domestic Engine & Pump Co., Shippensburg, Pa.
Domestic Engng., trade publications, 37 W. Van Buren, Chicago, Ill.
Domestic Engineering Co., see Delco Light Co. (successors).
Domestic Laundry Equipment Corp., laundry machinery mfrs., 224 W. 26th, New York.
Domestic Nov. Co., 217 High, Newark, N. J.
Domestic Plating Wks. Co., 1121 Washington blvd., Chicago, Ill.
Domestic Sewing Mach. Co., 19 W. Jackson blvd., Chicago, Ill.
Domestic Soap Mfg. Co., scouring powders, 113 6th, Long Island City, N. Y.
Domestic Talking Machine Co., 33d & Arch, Philadelphia, Pa.
Domestic Tungsten Lamp Co., 418-420 Tenth, West New York, N. J.
Domestic Utilities Co., dish washing machines, Newark, N. J.
Domestic Vacuum Cleaner Co., Torrington, Conn.
Domhoff & Joyce Co., pig iron dlrs., 4th & Elm, Cincinnati, Ohio.
Dominick & Haff, silver nov., 545 W. 23d, New York.
Dominick, William F., architect, 3 W. 29th, New York.
Dominion Asbestos & Rubber Corp., packings, Tribune Bldg., 154 Nassau, New York. *See adv index at end of book*
Dominion Iron & Steel Co., Ltd., rolling mills, 15 John, New York.
Dominion Metal Products Co., road culverts & cornices & skylights, shingles, etc., Roanoke, Va.
Dommermuth, M., contractor, Avoca, Pa.
Domsohn, C. J., & Co., contractors, Coatesville, Pa.
Donaghmore Iron & Steel Co., scrap iron, Lebanon, Pa.
Donahoe Bros., contractors, Middletown, Conn.
Donahoe & Nolan, brick, Trenton, N. J.
Donahoo, J. D., contractors, Jacksonville, Fla.
Donahoo, J. F., Co., machy. dlrs., Birmingham, Ala.
Donahue & Co., bldg. contrs., 318 Bradford av, Milwaukee, Wis.
Donahue, Edw., contractor, Janesville, Wis.
Donahue Hardware Co., Sandusky, Ohio.
Donahue, J. E., Lumber Co., South Bend, Ind.
Donahue, J., & Son, bldg. contrs., 318 Bradford, Milwaukee, Wis.
Donahue, J. W., architect, 476 Main, Springfield, Mass.
Donahue, Robt., Iron & Hardware Co., Burlington, Ia.
Donald, Hy. R., Sales Co., fndry. lacings, etc., Milwaukee, Wis.
Donald, James, architect, 17 Battery pl, New York.
Donald, Wm. C., & Co., lamp black mfrs., printing inks, Andover, Mass.
Donalds Oil Mill Co., meal, Donalds, S. C.
Donaldson Art Sign Co., pennant mfrs., 21st & L. N. R. R., Cov., Cincinnati, Ohio.
Donaldson Bros., agricultural implements, Mt. Clemens, Mich.
Donaldson Concrete Constr. Co., Birmingham, Ala.
Donaldson & Fisher Co., machsts., 1654 Besley Ct, Chicago, Ill.
Donaldson Iron Co., machsts. & fndrs., Emaus, Pa.
Donaldson, J. S., contractor, Atlanta, Ga.
Donaldson & Meier, architects, Penobscot Bldg., Detroit, Mich.
Donaldson & Pearson, contractors, Atlanta, Ga.
Donaldson, W. W., contractor, Portsmouth, Ohio.
Donaldsonville Oil Mill, Donaldsonville, Ga.
Donchain, Sam'l, Rug Co., fasteners, Hartford, Conn.
Donegan, D., Co., contractors, 5904 14th av, Brooklyn, N. Y.
Donegan, J. W., architect, 39 Ann, New York.
Donegan & Swift, mill & facty. supplies, 6 Murray, New York.
Donegan, Thos. F., contractor, Trenton, N. J.
Dongan Elec. Mfg. Co., transformers and ammeters, 2987 Franklin, Detroit, Mich.
Donges, John, & Co., carriage bows, hubs, rims, shafts & spokes, Hamilton, Ohio.
Donigan & Nielson, fifth wheel, 743 3d av, Brooklyn, New York.
Donigan Todd Iron Co., mill & facty. supplies, Louisville, Ky.
Doniphan Lbr. Co., Kansas City, Mo.
Donk Bros. Coal & Coke Co., 314 N. 4th, St. Louis, Mo.
Donker & Williams Co., advtg. nov. & spec., 1322 Wabash av, Chicago, Ill.
Donley Brick Co., Washington, Pa.
Donley Bros. Co., concrete inserts, 3625 E. 74th, Ceveland, Ohio *See adv index at end of book*
Donlon, Thos., Co., contractors, 294 Butler, Brooklyn, N. Y.
Donn & Deming, architects, 808 17th, N. W., Washington, D. C.
Donn, J. M., architect, 1742 M, N. W., Washington, D. C.
Donnally, A. H., machst. & fndr., Fairmont, W. Va.
Donnan, W. S., Hardware Co., McDonough, Richmond, Va.
Donnell, Harry E., architect, 37 E. 28th, New York.
Donnell, W. J., Lumber Co., Perth Amboy, N. J.
Donnellan, James J., architect, Chronicle bldg, San Francisco, Cal.
Donnellan & McKenzie, stone producers, Tacoma, Wash.
Donnelley, Lee C., & Co., advertising counsellors, 818 Ulmer Bldg., Cleveland, Ohio.
Donnelley, Wm. T., naval architect, 17 Battery pl, New York.
Donnelly Blanthorn & Co., machsts., 526 W. 28th, New York.
Donnelly Brick Co., Berlin, Conn.
Donnelly & Co., iron bars & galvanized sheets, 319H Vine, Phila., Pa.
Donnelly, D. B., steam fitters' supplies, Fairfield, Me.
Donnelly, D. St. C., architect, New London, Conn.
Donnelly, Henry E., contr., Morrisville, Ill.
Donnelly, John, holders, Branford, Conn.
Donnelly, J. R., Co., plate & window glass, 54 Classon av, Brooklyn, N. Y.
Donnelly-Kelly Glass Co., furn. tops, Holland, Mich.
Donnelly Mfg. Co., valves, 10 High, Boston, Mass.
Donner Steel Co., 475 Abbott rd, Buffalo, N. Y.
Donoghue James, soldering presses, Cleveland, O.
Donnelly Machine Co., Brockton, Mass.
Donohue-Selover Construction Co., 699 Virginia av, St. Paul, Minn.
Donohue's, P. J., Sons, tubular boilers, 108 Wallabout, Brooklyn, N. Y.
Donovan & Crandall, architects, 600 Lexington av, New York.

Donovan, D. A., pipe hangers, Auburn, N. Y.
Donovan, D. F., cornices & skylights, 505 Newark av, Jersey City, N. J.
Donovan Iron & Supply Co., 812 N. Main, St. Louis, Mo.
Donovan, John E., contractor, 2205 Richmond ter, Port Richmond, N. Y.
Donovan, John F., contractor, West New Brighton, N. Y.
Donovan, John Jos., architect, 414-13th, Oakland, Cal.
Donovan Lumber Co., Aberdeen, Wash.
Donovan, Michael J., architect, Vicksburg, Miss.
Donovan, R. J., Co., of N. Y., Inc., valves, pipe fittings, etc., mill & facty. supplies, 217 Pearl, New York.
Donovan, Walter A., architect, Meriden, Conn.
Donovan, Wm., contractor, Austin, Minn.
Donovan, Wm. J., cornices, 1506 Ogden, Philadelphia, Pa.
Donovan Wire & Iron Co., Chicago & W. & L. E. Ry, Toledo, O.
Doody Vapor Heating Co., Inc., The, heating appliances, 46 Cornhill, Boston, Mass.
Dooley Bros. mfrs. of tools, jobbers, miners supplies, 1201 S. Washington, Peoria, Ill.
Dooley, C. L., Inc., contractor, 257 Adelphi, Brooklyn, N. Y.
Dooley Hardware Co., Rockville, Ind.
Dooley, Jas. J., & Sons, masons' & bldrs.' matls., Cohoes, N. Y.
Dooley, Killian, Co., Inc., contractors' supplies, 26 Cortlandt, New York.
Dooley Lightning Rod Co., Topeka, Kan.
Dooley & Robinson Bros., fertilizer mfrs., Cardiff, Md.
Doolittle, Hy. N., packing box mfr., 31 Bruen, Newark, N. J.
Doolittle, L. G., machinist, Binghamton, N. Y.
Dooly, Jno. E., Hdwe. Co., 5107 Delmar, St. Louis, Mo.
Dopp, H. W., Co., vacuum pans, Buffalo, N. Y.
Dopp, J. W., & Co., dealers, equipment, tools & machinery, 18 W. Columbia bldg., Detroit, Mich.
Doppes, J. B., Sons Lbr. Co., 1250 Gest, Cincinnati, Ohio.
Dopplier, Jos., contractors, Indiana Harbor, Ind.
Doran Bros., machsts. & fndrs., Danbury, Conn.
Doran & Co., ties, poles, etc., Bell Blk., Cincinnati, Ohio.
Doran, Jas. W., architect, Sidney, Ohio.
Doran Mfg. Co., gasolene pumps, etc., 612-620 W. Lake, Chicago, Ill.
Doran, Jno. A., cornices, Chester, Pa.
Doran, M. M., bldg. contr., Madison, Wis.
Doran Bros., brass fndrs., Seattle, Wash.
Dorchester Brass & Aluminum Fdry., Hyde Park, Mass.
Dorchester & Hughey, lumber mfrs., Bellevue, Ia.
Dorchester Lbr. Co., Badham, S. C.
Dorchester Pottery Wks., bean pots, 9 Preston, Boston, Mass.
Dorchester & Rose, mill & facty. supplies, Geneva, N. Y.
Doremus, J. T., Co., whol. hdwe., 66 Washington, Paterson, N. J
Doremus Machine Co., 302 13th, N. W., Washington, D. C.
Dorer, C. L., Fdry. Co., Bellaire, Ohio.
Dorer, John, contractor, Irvington, N. J.
Dorflinger, C., & Sons, glass tumblers & cut glassware, White Mills, Pa.
Dorfman & Sons, second hand bags, 269 South, New York.
Dorfmann Bros., thermometers, Corona, N. Y.
Dorhoffer, F. J., Co., cornices, Butte, Mont.
Dorian Demountable Rim Co., 223 W. 53rd, New York.
Doric Art Glass Co., shades, Minneapolis, Minn.
Doriot, H., architect, Bristol, Tenn.
Dorman & Co., mill & facty. supplies, Freeport, Ill.
Dorman, E. E., machsts. & fndrs., Cookeville, Tenn.
Dorman, H. W., cornices, 243 Congress av, New Haven, Conn.
Dorman, Jas., stone, Lawrence, Mass.
Dorman, J. F. W., Co., rubber stamp makers' supplies, mfrs., 526 N. Calvert, Baltimore, Md.
Dorman, Jno. H., machinist, 1 Bethune, New York.
Dorman & Smyth Hdwe. Co., cornices, Salisbury, Md.
Dorn & Marcellus Co., valve mfrs., Mascher & York, Phila., Pa.
Dorn, M. G. & J. J., lbr, McCormick, S. C.
Dornbaum Knitting Co., sweaters, etc., 3136 Lincoln av, Chicago, Ill.
Dornette, J., & Bro. Co., desk mfrs., 1250 Harrison av, Cincinnati, Ohio.
Dorney, C. A. Furn. Co., Dept. H, Allentown, Pa.
Dornfeld, J. F., architect, 2148 Washington blvd., Chicago, Ill.
Dornin, T. B., Adams Co., cornices & skylights, Lynchburg, Va.
Doron Bros. Elec. Co., Hamilton, Ohio.
Dorpfeld, Fred'k W., Co., files, 24 Kipp, Newark, N. J.
Dorr, C. M., Co., htg. contrs., Hoosick Falls, N. Y.
Dorr Co., cyanide plants & classifiers, slime, mining agitators, metallurgical engineers, Denver, Colo.
Dorr & Dorr, architects, Lumber Exchange, Minneapolis, Minn.
Dorr, John I., architect, 7120 Langley, av, Chicago, Ill.
Dorr, Wallie, Co., billiard tables, toys, etc., 35 Murray, New York.
Dorrance, Chas. J., grate bar mfrs., 5247 Ravenswood av, Chicago, Ill.
Dorries & Co., hdwe. mfrs., saddlery, Buffalo, N. Y.
Dorries, F., & Sons, machst. & fdrs. Buffalo, N. Y.
Dorris, E. A., & Sons, flour mills, Hendersonville, Tenn.
Dorris Lbr. & Box Co., Dorris, Cal.
Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.
Dorsch, John, & Sons, agricultural implements, 209 Wells, Milwaukee, Wis.
Dorschel, Krochne Lumber Co., Chilton, Wis.
Dorsel Co., flour mills, Newport, Ky.
Dorsett, T. W., Co., cornices & skylights, Hoboken, N. J.
Dorsey, Wm. C., contractor, Terre Haute, Ind.
Dorsey, Wm. C., sash, door & blind mfrs., Highland av & Philard, Baltimore, Md.
Dort Motor Car Co., Flint, Mich.
Dorward, D., Jr., engr. consulting, San Francisco, Cal.
Dosch Mfg. Co., pattern makers, lathes, Bridgeport, Conn.
Dossert & Co., wire connectors, terminals, etc., 242 W. 41st, New York.
Doster, S. J., trunk mfr., Phoenix, Ariz.
Doster & Hamilton, lbr., Fordyce, Ark.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Doten, S. H. & A. R., carved mouldings, Portland, Me.
Dothan Foundry & Machine Co., Dothan, Ala.
Dothan Guano Co., fertilizer mfrs., Dothan, Ala.
Dothan Milling & Mfg. Co., cooperage stock, Dothan, Ala.
Doty, A. M. & F. T., masons' & bldrs.' matls., Leavittsburg, Ohio.
Doty & Doty, masons' & bldrs.' matls., Grand Ledge, Mich.
Doty Lumber & Shingle Co., Doty, Wash.
Doty Mfg. Co., vacuum cleaners, Dayton, Ohio.
Doty, O. M., contractor, 1701 9th, Seattle, Wash.
Doub, J. W., & Bros., flour, East Bend, N. C.
Double Blast Mfg. Co., gasoline blast furnaces, firepots, North Chicago, Ill.
Double Drive Truck Co., 4826 W. Kinzie, Chicago, Ill.
Double Eccentric Piston Ring Corp., 1083 Tower Grove, St. Louis, Mo.
Double Fabric Tire Co., Auburn, Ind.
Double Service Packing Co., 244 Chestnut, Philadelphia, Pa.
Double Shoal Cotton Mill, Double Shoal, N. C.
Double Truss Cornice Brake Co., machinery, Buffalo, N. Y.
Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.
Doucette Bros., granite, Montpelier, Vt.
Doud Lighting Co., 172 N. Sangamon, Chicago, Ill.
Doud-MacFarlane Machy. Co., mill & facty. supplies, Tacoma, Wash.
Doud Sons & Co., lbr., Winona, Minn.
Douden, A., Planing Mill Co., sash, door & blind, Millersburg, Pa.
Douds, Frank C., & Co., machsts. & ejectors, jet pumps, syphons, etc., New Castle, Pa.
Dougan, J. M., Co., contractors, Portland, Ore.
Dougan, L. L. (Houghtaling & Dougan), architect, Elks Bldg., Portland, Ore.
Dougherty, Andrew, playing cards, 432 4th av, New York.
Dougherty Bros. Tent & Awning Co., 116 S. 4th, St. Louis, Mo.
Dougherty, Cornelius, masons' & bldrs.' matls., 1207 Passyunk av, Philadelphia, Pa.
Dougherty, Edw., brick, 5th & Wyoming av, Philadelphia, Pa.
Doughtery, Floyd E., architect, 35 N. Dearborn, Chicago, Ill.
Dougherty, H. D., & Co., hospital furniture, 17th & Indiana, Philadelphia, Pa.
Dougherty, J. M., contractor, Ottawa, Ill.
Dougherty, J. P., contractor, Globe Bldg., Minneapolis, Minn.
Dougherty, J. T., surgical instruments, 409 W. 59th, New York.
Dougherty, M. J., Co., pipe bends, flanging & piping, high pressure, Phila., Pa.
Dougherty & Moss Lumber Co., St. Joseph, Mo.
Dougherty, W. F., & Sons, cooking apparatus, 925 Arch, Philadelphia, Pa.
Dougherty, W. R., contractor, 1608 Sansom, Philadelphia, Pa.
Doughten, H. W., agricultural implements, Moorestown, N. J.
Doughty, C. L. Advertising Agency, 448 Main, Cincinnati, Ohio.
Doughty, D. J., sashes, doors & blinds, Farmington, Mo.
Douglas, A. R., architect, Magee bldg, Pittsburgh, Pa.
Douglas Bros., machsts. & fndrs., Aberdeen, Wash.
Douglas Co., oils, starch, Cedar Rapids, Ia.
Douglas Cut Stone Co., 2131 S. Troy, Chicago, Ill.
Douglas Fir L'br. Co., ties, Portland, Ore.
Douglas Foundry & Machine Works, Douglas, Ga.
Douglas, Geo. B., steel merchants, agents, etc., 29 B'way, New York.
Douglas, H. R., Inc., contractor, New London, Conn.
Douglas & Hartman, architects, Timken Bldg., San Diego, Cal.
Douglas, John, Co., plumbers' supplies, etc., Carthage, Cincinnati, O.
Douglas & Lomanson Co., carriage hdwe. mfrs., 642 Lincoln, Detroit, Mich.
Douglas Lumber Co., Douglas, Ariz.
Douglas Mach. Co., Luverne, Ala.
Douglas, Nathan, architect, 307 Harvard, Boston, Mass.
Douglas Motors Corp., Omaha, Neb.
Douglas Oil & Fertilizer Co., Douglas, Ga.
Douglas, Robt. D., tex. machy., supplies, paper cop tubes, Fall River, Mass.
Douglas & Rudd Mfg. Co., automobile accessories, Bronson, Mich.
Douglas, W. & B., pumps, garden engines, fire hydrants, etc., mfrs., & machsts. & fndrs., Middletown, Conn.
Douglas, Wm., & Co., contractors, 109 Waterman, Providence, R. I.
Douglas-Whisler Brick Co., Beaver Falls, Pa.
Douglass, A. C., contractor, Niagara Falls, N. Y.
Douglass, A. R., architect, Magee Bldg., Pittsburgh, Pa.
Douglass, Edwin D., packing box mfr., 443 N. 5th, Phila., Pa.
Douglass, J. E., steam fitters' supplies, 180 N. Dearborn, Chicago, Ill.
Douglass, J. E., & Son, flour mills, Aldie, Va.
Douglass, L. C., & Co., masons' & bldrs.' matls., Jefferson, Ohio.
Douglass, Thos. J., & Co., heating contrs., 441 N. Dearborn, Chicago, Ill.
Douglasville Roller Mill, flour, Douglasville, Ga.
Doullet & Williams, Inc., contrs., 816 Howard av, New Orleans, La.
Doup, L. G., Co., mattresses, Omaha, Neb.
Douse, William, contractor, 86 Fuller, Boston, Mass.
Dove, Wm. G., bldg. contrs., Geneva, N. Y.
Dover Boiler Wks., machsts. & boilers, tanks, etc., 50 Church, New York. *See adv. index at end of book.*
Dover Fire Brick Co., Cuyahoga Bldg., Cleveland, Ohio.
Dover, Geo. W., Inc., jigs, fixtures & special mach. 1012 Eddy, Providence, R. I.
Dover Iron Co., blast furnaces, Bear Springs, Tenn.
Dover L'br. Co., Dover, Idaho.
Dover Lumber Co., Dover, N. J.
Dover Lbr. Co., Dover, Ohio.
Dover Mfg. Co., machsts. & fndrs., Dover, Ohio.
Dover Milling Co., flour, Dover, Okla.
Dover Packing Co., canned goods, Dover, Ky.
Dover Pearl Button Co., Dover, Ky.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Do Ville Lake Sand & Gravel Co., Toledo, Ohio.
Dow Bos. & Horne Co., canned goods, East Dover, Me.
Dow Chemical Co., chemicals, Midland, Mich.
Dow, J., architect, Summit, N. J.
Dow, J. C., Co., fertilizer mfrs., 148 State, Boston, Mass.
Dow, J. K., architect, Paulsen Bldg., Spokane, Wash.
Dow, Jas. M., machinist, Kenton, Ohio.
Dow, John K., architect, 1705 10th av, Spokane, Wash.
Dow, L. B., Inc., Engineers, Keene, N. H.
Dow, L. B., mill & facty. supplies, 79 Milk, Boston, Mass.
Dow, Lewis A., architect, Melrose, Mass.
Dow Mfg. Co., spark timers & machsts. & fndrs., Braintree, Mass
Dow Pump & Diesel Engine Co., engines & pumps, Alameda, Cal.
Dow & Smith, chemical engineers, 133 E. 23rd, New York.
Dow, William H., Mfg. Co., sash, door & blind, Waukegan, Ill.
Dow Wire & Iron Works, Louisville, Ky.
Dowagiac Drill Co., Dowagiac, Mich.
Dowd, R. J., Knife Works, Beloit, Wis.
Dowdall, Chas. E., machinist, 152 W. B'way, New York.
Dowden Mfg. Co., Ltd., agricultural implements, Prairie City, Ia.
Dowell, H., machinist, Meadville, Pa.
Dowelley, Geo. B., lbr., Alexander, Me.

Dowler, Chas. L., hdwe. mfr., 108 N. 3d, Philadelphia, Pa.
Dowler, Press C., architect, Arrott Bldg., Pittsburgh, Pa.
Dowling & Bottomley Co., contractors, 119 Broad, Bridgeport, Conn.
Dowling, Edward F., architect, 6 N. Michigan av, Chicago, Ill.
Dowling, J. F., & Co., contractors, Russ Bldg., San Francisco, Cal.
Dowling & Rutherford, contractors, 128 N. La Salle, Chicago, Ill.
Dowling-Schultz Hardware Co., Danville, Ill.
Dowling-Shands Lbr. Co., Green Cove Springs, Fla.
Dowman-Dozier Mfg. Co., sheet metal gds., etc., Atlanta, Ga.
Down Tool Wks., twist drills, Fleetwood, Pa.
Downer, S. W., sand, Downer, N. J.
Downers Lbr. Yard, 1011 Whitesboro, Utica, N. Y.
Downes & Co., carbon paper, etc., 63 Wall, New York.
Downes, John E., contractor, New Britain, Conn.
Downey, Alois H., architect, 111 S. Franklin, Mobile, Ala.
Downey Heating & Supply Co., 615 Clybourn, Milwaukee, Wis.
Downey & Howland, mill & facty. supplies, Fall River, Mass.
Downey, John, contractor, 260 Natoma, San Francisco, Cal.
Downey, Jno. I., contractor, 410 W. 34th, New York.
Downey, Jos., contractor, 30 N. La Salle, Chicago, Ill.
Downey & McDermott, stone producers, Homewood av & Mt. Vernon, Pittsburgh, Pa.
Downey Shipbuilding Corp., New Brighton, N. Y.
Downey, T. F. Boiler Wks., grate bar mfrs., 2600 W. Grand av, Chicago, Ill.
Downey, W. C., & Co., bale ties, Springfield, Ohio.
Downey, Wallace, naval architect, 5 Nassau, New York.
Downey, Wm. H., htg. contr., 52 William, New York.
Downham, John A., & Son, canned goods, Wyoming, Del.
Downing E. E. Co., furniture, Dept. H, Marshalltown, Iowa.
Downing Grease Co., Boston, Mass.
Downing, Henry C., architect, Worcester Bldg., Portland, Ore.
Downing, J. E., contractor, Newport News, Va.
Downing, J. F., architect, 84 Peachtree, Atlanta, Ga.
Downing & Lawrence, dry docks, ft. Court, Brooklyn, N. Y.
Downing, R. F., & Co., shellac, bronze powder, 45 Pearl, New York.
Downing-Smith Co., armatures & machsts., 430 S. Green, Chicago, Ill.
Downing, T. D., machinist, Vermilion, Ill.
Downington Iron Works, tanks, stacks, etc., mfrs., East Downington, Pa.
Downingtown Mfg. Co., machsts. & fndrs., East Downingtown, Pa.
Downingtown Paper Box Co., (folding paper box), East Downingtown, Pa.
Downman, R. H., lumber, Hibernia pl, New Orleans, La.
Downs, B. J., brass composition founders, Everett, Mass.
Downs, Frank A., Constr. Co., Canton, Ohio.
Downs & Slater, founders, Wharton, N. J.
Downs, W. A., machinist & founder, Montour, Ia.
Downs, W. H., heating contractor, 337 W. 38th, New York.
Downton, Herbert E., architect, 1340 N. Central av, Chicago, Ill.
Downward, Alfred, contractor, Wilmington, Del.
Downward, Jas. G., Co., fertilizer mfrs., Coatesville, Pa.
Dowst Bros. Co., metal nov. & spec., 124 N. Ann, Chicago, Ill.
Dox, Hamilton, architect, 141 N. Jefferson, Peoria, Ill.
Doxey, N. D., welding compounds, Elmira, N. Y.
Doyen, Philip H., Shipbldg. Co., 40 Cottage South, South Portland, Me.
Doyle, A. E., architect, Worcester bldg, Portland, Ore., & Seattle Nat. Bank bldg, Seattle, Wash.
Doyle & Co., contractors, 1519 Sansom, Philadelphia, Pa.
Doyle-Dacosta Mfg. Co., wire, insulated & solenoids, Easton, Pa.
Doyle & Devereaux, machinists, Industrial Bldg., Syracuse, N. Y.
Doyle & Downey, boot counters, Newburyport, Mass.
Doyle, Frank J., cornices, Johnstown, Pa.
Doyle, Geo., Corp., stone producers, workers & dealers, 103 Park av, New York.
Doyle, J. & M., contractors, Erie, Pa.
Doyle, Jas. B., wholesale hardware, Scranton, Pa.
Doyle, John, contractor, New Rochelle, N. Y.
Doyle, John T., Co., canned goods, New Haven, Conn.
Doyle & Murphy Co., contractors, Willimantic, Conn.
Doyle Roller Mills, flour, Doyle, Tenn.
Doyle, Thomas, architect, Tarrytown, N. Y.
Doyle, Thos. F., cornices, Muncie, Ind.
Doyle, W. A., airplane propellers, Trenton, N. J.
Doyle, Wm. J., machinist & founder, Rome, N. Y.
Doylestown Agricultural Co., Doylestown, Pa.
Doylestown Aluminum Ware Co., Doylestown, Ohio.
Dozier & Gay Paint Co., Jacksonville, Fla.
Dozier, Miss H. C., architect, Jacksonville, Fla.
Drach, Gustave W., architect, Union Trust Bldg., Cincinnati, O.
Drackett, P. W., & Sons Co., lye, lime, etc., 5020 Spring Grove av, Cincinnati, Ohio.
Draft Regulator Co., Grosvenor Bldg., Providence, R. I.
Dragon Mfg. Co., leather packings, Marietta, O.
Dragon Paper Mfg. Co., waxed, 102 Prince, New York.
Draher, John, machinist, Waterbury, Conn.
Drake, A. W., Drilling Co., Hazelton, Pa.
Drake, A. W., Mfg. Co., fly killers, Hazelton, Pa.
Drake, B. M., architect, Reliance Bldg., Kansas City, Mo.
Drake, Bostedo Co., masons' & bldrs.' matls., Netcong, N. J.
Drake Bros., l'br., Barnstead, N. H.
Drake Clifton B., mill supplies, 23H N. 10th, Philadelphia, Pa.
Drake & Co., chemicals, 904 Trks. Hd. Bldg., Providence, R. I.
Drake Elec. Works, vibrators, 19 S. Wells, Chicago, Ill.
Drake, H. E., contractor, 180 Jessie, San Francisco, Cal.
Drake, H. R., & Sons., Inc., paper boxes, Palmyra, N. Y.
Drake Hardware Co., Burlington, Ia.
Drake Hdwe. Co., machsts. & fndrs. & hand vacuum cleaners, Friendship, N. Y.
Drake Lock-Nut Co., lock nuts & washers, 10th & Folsom, San Francisco, Cal.
Drake Lbr. Co., Princeton, Fla.
Drake Mfg. Co., cigar lighters, 221 Grand, Milwaukee, Wis.
Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.
Drake-Merritt Casket Co., Constantine, Mich.
Drake Non-Clinking Furnace Block Co., 5 Beekman, New York.
Drake, P. A., machinist, Eau Claire, Wis.
Drake, P., & Sons, contractors, Marion, Ohio.
Drake Process Machy. Co., automatic machy. & pulp containers, 2344 E 105th, Cleveland, Ohio.
Drake Realty Constr. Co., Dept. H, 4th & Prince, Omaha, Neb.
Drake, Thos., Lumber Co., Zanesville, Ohio.
Drake-Tucker Hdwe. Co., cornices, Rockford, Ill.

Drake, W. H., Co., machsts. & fndrs., 36 Clinton, Newark, N. J.
Drake & Wiers Co., monkey wrenches, Blackstone bldg., Cleveland, Ohio.
Drake-Williams-Mount Co., steel plate works, banks, etc., Omaha, Neb.
Drakenfeld, B. F., & Co., chemicals, colors & oxides & bronze powder & liquids, 50 Murray, New York.
Drane Foundry & Supply Co., Clarksville, Tenn.
Drapeau, Wm., contractor, Lowell, Mass.
Draper Bros. Co., felts, boots, sweaters, etc., Canton, Mass.
Draper Canneries Co., Salt Lake City, Utah.
Draper Canning Co., Milton, Del.
Draper & Co., sash, door & blind, Lancaster, Pa.
Draper Corporation, textile machinery mfrs., Hopedale, Mass.
Draper, Davis, Co., fertilizer mfrs., Milford, Del.
Draper, E. S., landscape architect, 507 5th av, New York.
Draper, G. H., canned goods, Milford, Del.
Draper & Hall Co., universal grinders, mfg., Middletown, Conn.
Draper, Hy. W., pkg. box mfrs., Albany, N. Y.
Draper & Hirsch, canned goods, Milford, Del.
Draper, James W., contractor, Camden, N. J.
Draper, J. O., Co., soap, cotton softeners, Pawtucket, R. I.
Draper, Luther O., Shade Co., adjustable shades, Spiceland, Ind.
Draper Mfg. Co., machsts. & fndrs., Port Huron, Mich.
Draper Mfg. Co., barometers, anemometers, thermometers, etc., 152 Front, New York.
Draper Mfg. Co., steel barrels, 3603 E. 82d, Cleveland, Ohio.
Draper, Maynard, Co., bags, sporting & athletic goods mfrs., Plymouth, N. H.
Draper & Slaughter, canned goods, Denton, Md.
Draper & Snape, wholesale hdwe., 16 N. Market, Chicago, Ill.
Draper, W. H., & Sons, cordage & twine mfrs., Troy, N. Y.
Drapery Hdwe. Mfg. Co., 87 35th, Brooklyn, N. Y.
Draver, E. R., machsts., Richmond, Ind.
Dravo Co., steam superheaters, 1195 13th, Milwaukee, Wis.
Dravo Contracting Co., diamond bk. bldg., Pittsburgh, Pa.
Dravo-Doyle Co., machy. dlrs., Diamond Bk. Bldg., Pittsburgh, Pa.
Dreadnought Flooring Co., 154 W. 18th, New York.
Dreadnaught Tire & Rubber Co., automobile tire mfrs., Eager & 5th, Baltimore, Md.
Dredge, A., Ruling Pen Co., 75 Gold, New York.
Dreer, Henry A., glaziers' points, 714 Chestnut, Phila., Pa.
Dreger, J. F., architect, Oshkosh, Wis.
Dregge, Groover Lbr. Co., Grand Rapids, Mich.
Dreher, Churchman, Paul & Ford, architects, 1424 Walnut, Phila., Pa.
Dreher, Ernest A., & Son, automatic cellar drainers, 42 Walnut, Newark, N. J.
Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.
Drehmer, H. G., contractor, Corning, N. Y.
Dreier, E., & Son, contractors, Kansas City, Kans.
Dreifus, Chas. Co., scrap iron & steel, Oliver Bldg., Pittsburgh, Pa.
Drein, Thos., & Son Co., life boats & preservers, Wilmington, Del.
Dreis & Krump Mfg. Co., cornice brakes, & sheet metal workers' machy., 2911 S. Halsted, Chicago, Ill.
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Drell Novelty Mfg. Co., shoe ornaments, 100 5th av, New York.
Drendell Electrical & Mfg. Co., 1345 Howard, San Francisco, Cal.
Drennan Hdwe. Co., Syracuse, N. Y.
Drenthe-Hamilton Canning Co., Hamilton, Mich.
Dresden Spoke Co., Dresden, Tenn.
Dresden Woolen Mills, Dresden, O.
Dresen, Jos., architect, Prairie Du Sac, Wis.
Dreses Machine Tool Co., 227 W. McMicken, Cincinnati, O.
Dresner, S., & Son, bags, traveling bags, 500 Peoria, Chicago, Ill.
Dresner & Wein, traveling bags, 1417 W. Austin av, Chicago, Ill.
Dress, Geo., architect, 116 W. 39th, New York.
Dressel Ry. Lamp Wks., 3860 Pk. av, New York.
Dressendorfer, Andrew, machsts. & fndrs., Fountain City, Wis.
Dresser, S. R., Mfg. Co., machsts. & fndrs., Bradford, Pa.
Drew, C., & Co., masons' & brick layers' tools, Kingston, Mass.
Drew Carrier Co., agricultural implements, Waterloo, Wis.
Drew-Daniels Granite Co., Waterbury, Vt.
Drew, E. F., & Co., oils, 120 Milk, Boston, Mass.
Drew Electric & Mfg. Co., 1016 E. Michigan, Indianapolis, Ind.
Drew, Fred, Co., contractor, Woodward Bldg., Washington, D. C.
Drew, George S., architect, 42 Warren av, Grantwood, N. J.
Drew, M. R., architect, Greenfield, Mass.
Drew, Miller & Co., turpentine, Kissimmee, Fla.
Drew Oil Mills, Monticello, Ark.
Drewry Bros., toys, North Weare, N. H.
Drexel Institute of Art, Science & Industry, engng. school & coll., Chestnut & S. 32d, Philadelphia, Pa.
Drexler, Wm. D., architect, 226 E. B'way, New York.
Dreyer, Anthony J., architect, Harlowton, Mont.
Dreyer, D. J., architect, Classic Bldg., Asheville, N. C.
Dreyer, G. H., & Son, archl. iron, Cleveland, Ohio.
Dreyer, H. D., & Co., packing box mfrs., Aliceanna & Spring, Baltimore, Md.
Dreyer, H. G., & Son Co., racks, Cleveland, Ohio.
Dreyer, Jno. G., architect, 75 Oakland, Brooklyn, N. Y.
Dreyfus Bros., contractors, 324 California, San Francisco, Cal.
Dreyfus, F. J., architect, Title Guarantee bldg, New Orleans, La.
Driesbach, F. C., & Son, masons' & bldrs.' matls., White Pigeon, Mich.
Driesbach's, C., Sons, wholesale hdwe. & masons' & bldrs.' matls., Lewisburg, Pa.
Driesler, Benj., architect, 153 Remsen, Brooklyn, N. Y.
Driggs, C. V., Inc., plumbers' supplies, 160 E. 56th, New York.
Driggs Ordnance Mfg. Corpn., autom., marine, etc., engines, lathes, etc., New Haven, Conn.
Driggs-Seabury Ordnance Co., forgings & pressed steel, Sharon, Pa.
Driscoll Bros. & Co., contractors, & masons' & bldrs.' supplies, Ithaca, N. Y.
Driscoll, Chas. F., architect, Pasadena, Cal.
Driscoll, Dennis, contractor, Brookline, Mass.
Driscoll & Fletcher, machsts., 75 Ellicott, Buffalo, N. Y.
Driscoll, Geo. F., Co., contractors, 548 Union, Brooklyn, N. Y.
Driscoll, Jas. J., architect, 326 Chestnut Hill av, Boston, Mass.
Driscoll, J., & Son Co., contractors, Brookline, Mass.
Driscoll, Jos. C., contractor, Weightman Bldg., Philadelphia, Pa.
Driscoll, John E., sewer contr., Torrington, Conn.
Driscoll, Timothy, contractor, Brookline, Mass.
Driscoll, T. J., & Co., contrs., Mers. Bk. Bldg., Indianapolis, Ind.

Drissel & Eberts, hardware—whol., S. Bethlehem, Pa.
Driver, C. H., & Kerr Co., machsts., Racine, Wis.
Driver-Harris Co., castings for annealing, carbonizing, hardening & tempering, Harrison, N. J. *See adv index at end of book*
Driver, John, flag pole fix. & step ladders, San Leandro, Cal.
Driver, Thos. & Sons Mfg. Co., Ltd., plate glass, Racine, Wis.
Droeger Hardware Co., Seymour, Wis.
Droescher, S. R., whol. hdwe. & razor mfrs., 79 Warren, New York.
Drof, Peter, masons' & bldrs.' matls., Petersburg, Ind.
Drolet, Emmet A., architect, Summit & Cherry, Market bldg, Toledo, Ohio.
Drop Die & Engineering Co., forging dies & tools, 5606 Curtis av, Cleveland, Ohio
Drop Forging Co. of New York, 301 West Side av, Jersey City, N. J.
Drop-a-Line Indicator Co., 523 Prairie, Milwaukee, Wis.
Drost, H., Box Mfg. Co., pckg. box mfrs., Manitowoc, Wis.
Drouvé, G. Co., skylights & sash operating devices, mfrs., Bridgeport, Conn., & Chicago, Ill.
Druckenmiller & Williams, architects, 1537 Chestnut, Phila., Pa.
Drucker Bros., buttons, 113 W. 31st, New York.
Drucker & Co., trunks, 6 W. 4th, Cincinnati, Ohio.
Druecker, Jos., Sons' Co., masons' & bldrs.' matls., Atwater rd, Milwaukee, Wis.
Druecker, N. J., & Co., masons' & bldrs.' matls., 2634 N. Artesian av, Chicago, Ill.
Drueding Bros. Co., chamois importers, 5th & Master, Philadelphia, Pa.
Druggists' Circular, trade publication, 100 William, New York.
Druid Oak Belting Co., belting mfrs., 111 E. Lombard, Baltimore, Md.
Drumm Construction Co., 332 S. Michigan av, Chicago, Ill.
Drummond Bros., brick, Asbury Park, N. J.
Drummond, E. L., architect, 16 Bryan, Savannah, Ga.
Drummond Mfg. Co., machsts. & fndrs., Louisville, Ky.
Drummond, M. J., & Co., gas & waterworks supplies, etc., 51 Chambers, New York.
Drummond-Miller Co., contractors, 4500 Euclid av, Cleveland, O.
Drummond Motor Co., Omaha, Neb.
Drummond Packing Co., meat, Eau Claire, Wis.
Drummond, T. B., & Co., masons' & bldrs.' matls., Buckhannon, W. Va.
Drury Brick & Tile Co., Essex Junction, Vt.
Drury & Kelley Hardware Co., Cadillac, Mich.
Dry Goods Economist, trade publication, 239 W. 39th, New York.
Dry Goods Publishing Co., 392 5th av, New York.
Dry Goodsman, trade journal, St. Louis, Mo.
Dry Goods Reporter, trade journal, 215 So. Market, Chicago, Ill.
Dry Kold Refrigerator Co., Niles, Mich.
Dryburgh, John, contractor, Helena, Mont.
Dryceil Pipe Sleeve Co., 351 Lexington, New York.
Dryden Rubber Co., 1014 S. Kildare av, Chicago, Ill.
Dryer, O. W., architect, Cutler Bldg., Rochester, N. Y.
Dryfus Packing & Provision Co., meat, Lafayette, Ind.
Drying Systems, Inc., dehydrators, etc., 11H S. Desplaines, Chicago, Ill.
D. & T. Mfg. Co., htg. & ventg. engrs., 1911 Pine, St. Louis, Mo.
Dubach Lumber Co., Ltd., Dubach, La.
Dubble & Zinn, fndrs., Myerstown, Pa.
Dubee, A. J., contractor, Glens Falls, N. Y.
Dubell, Furman, common brick, Mount Holly, N. J.
Du Bell Mfg. Co., mattresses, Bath, N. Y.
Dubied Machy. Co., knitting machy., 139H Franklin, New York.
Dubilier Condenser Co., 217 Centre, New York.
Dubin, Geo. H., architect, 724 W. Roosevelt rd, Chicago, Ill.
Dubin, Henry, architect, 139 N. Clark, Chicago, Ill.
Dublin Buggy Co., Dublin, Ga.
Dublin Lbr. Co., Dublin, Ga.
Dublin Mill & Elevator Co., flour, Dublin, Tex.
Dublin Roller Mills, flour, Dublin, Va.
Dubois, Chas. L., cornices & skylights, Englewood, N. J.
Dubois Clay Mfg. Co., brick, Dubois, Pa.
Dubois, F., cornices, Vincennes, Ind.
Du Bois, F. M., & Co., mill & facty. & lumber supplies—jobbers, 247 9th av, New York.
Du Bois Fdry. Co., machsts. & fndrs., Cold Springs, N. Y.
Du Bois Fertilizer Works, Inc., Du Bois, Pa.
Du Bois, Henry, Sons' Co., contractors, 17 State, New York.
Dubois Iron Works, Dubois, Pa. *See adv index at end of book.*
Du Bois, John E., lbr., Lake, Miss.
Dubois, Jno. E., masons' & bldrs.' matls., & sash, door & blind mfrs., DuBois, Pa.
Du Bois, L., & Co., wholesale hdwe., Ellenville, N. Y.
Du Bois Lumber Co., Vancouver, Wash.
Dubois Piston Ring Co., Albany, N. Y.
Dubois & McCoy Lumber Co., sash, door & blind, Bellaure, Ohio.
Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.
Du Bois, Wm., architect, Cheyenne, Wyoming.
Dubuar, C. L., Lbr. Co., tackle block sheaves, Northville, Mich.
Dubuque Boat & Boiler Wks., Dubuque, Ia.
Dubuque Casket Co., Dubuque, Iowa.
Dubuque Mattress Fcty., Dubuque, Ia.
Dubuque Pckg. Co., meat packers, Dubuque, Ia.
Dubuque Rubber & Belting Co., Dubuque, Ia.
Dubuque Sanitary Mfg. Co., plumbers' supplies, Dubuque, Ia.
Ducas, B. F., Co., aniline colors, dyes, etc., 25 S. William, New York.
Duchemin, Geo. W., plastic ornaments, classic wood carvers, 37 Wainwright, Newark, N. J.
Ducker Sectional Bldg. Corp., portable houses, 299 B'way, New York.
Ducktown Sulphur, Copper & Iron Co., copper ores & sulphuric acid, Isabella, Tenn.
Duckwall Belting & Hose Co., 201 N. West, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Duckworth-Crawford Co., contractors, 111 High, Newark, N. J.
Duckworth, J. S., architect, Coal Exch. Bldg., Scranton, Pa.
Duco Adding Machine Co., St. Louis, Mo.
Ducommun Hardware Co., 219 S. Central av, Los Angeles, Cal.
Dudely Tool Co., pumps, aircraft, Menominee, Mich.
Dudenhoeffer Co., brick, Erie, Pa.
Dudgeon Co., machsts. & fndrs., Cane Valley, Ky.
Dudgeon, Richard, machsts., 24 Columbia, New York.
Dudley, A. W., Co., cornices, Terre Haute, Ind.
Dudley, Chas. H., sporting & athletic goods, Hanover, N. H.
Dudley, D. T., & Co., shoe laces, Haverhill, Mass.
Dudley, D. T., & Son Co., tex. machy. (shuttles), Wilkinsonville, Mass.
Dudley Elec. & Mach. Co., machsts. & brass fundrs., Uniontown, Pennsylvania.
Dudley & Orr, stone, El Paso, Tex.
Dudley Paper Co., adding machine rolls, Lansing, Mich.
Dudley, S. A., tex. machy., shuttles, Taunton, Mass.
Dudley Sash, Door & Lumber Co., Columbus, Ga.
Dudley, S. W. R., masons' & bldrs.' matls., Seattle, Wash.
Dudley, W. E., mill & facty. supplies, Ashtabula, Ohio.
Dudley, Wm. N., architect, 8 Beacon, Boston, Mass.
Dudlo Mfg. Co., insulated coils, Fort Wayne, Ind.
Dudman Drug & Chemical Co., 44 Cannon, Charleston, S. C.
Due, A. L., Fireworks Co., Market & N. Readg., Cincinnati, O.
Duebel, Chas., & Co., contractors, 224 1st, San Francisco, Cal.
Dueber Watch Case Mfg. Co., Canton, Ohio.
Duemer, Louis, patternmaker, Hamilton, Ohio.
Duer, Jno., & Sons, whol. hdwe., 36 S. Charles, Baltimore, Md.
Duerr, Peter, & Bros., willow ware, 110 Willow, Liverpool, N. Y.
Dues, J. J., Machine Co., Minster, Ohio.
Duesenberg Motors Corp., see Willys Corp. (successor).
Duesing, Theodore, architect, 312 Garfield av, Chicago, Ill.
Du Fais, John, archt., 53 Everett, R. I.
Duff, Chas. H., fish line mfr., Rockland, Me.
Duff, Jas., Constr. Co., Marshall Bldg., Cleveland, Ohio.
Duff, John W., Inc., contractor, 146 Summer, Boston, Mass.
Duff Mfg. Co., lifting jacks, Preble av, Pittsburgh, Pa.
See adv index at end of book.
Duff Patents Co., gas producers, Frick Bldg., Pittsburgh, Pa.
Duff, Samuel E., consulting engr., Empire bldg, Pittsburgh, Pa.
Duff & Son, machsts., 175 Grand, New York.
Duff, Thos., contractor, Wyoming W. 7, Philadelphia, Pa.
Duff, Thos. J., architect, 407 W. 14th, New York.
Duff, Wm. E., Co., machinery dlrs. & mill & facty. supplies, York, Pa.
Duffee, W. F., & Co., contractors, Haverhill, Mass.
Dufficy, John, machst., Hamilton, Ohio.
Duffin Iron Co., 4837 S. Kedzie, Chicago, Ill.
Duffin, John, contr., Malone, N. Y.
Duffner & Stecker Const. Co., 722 Chestnut, St. Louis, Mo.
Duffy Bros. Contr. Co., Cambridge, Ohio.
Duffy Contrg. Co., 663 W. 46th, New York.
Duffy, J. F., Jr., banana knives, 563 Fulton, Chicago, Ill.
Duffy, J. P., Co., tile, & masons' & bldrs.' matls., 207 E. 138th, New York.
Duffy, John J., brush machy., Waterford, N. Y.
Duffy, L. B., canned goods, Haymakertown, Va.
Duffy, M. J., granite producers, Concord, N. H.
Duffy Mfg. Co., hdwe. mfrs., 214 W. Grand av, Chicago, Ill.
Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo.
Duffy Trunk Co., 141 Baronne, New Orleans, La.
Dufton Hardware Co., Clearfield, Pa.
Dufur, Baggott & Co., iron railings, 403 N. Paca, Baltimore, Md.
Dufur & Co., iron railings, wire cloth, etc., 311 N. Howard, Baltimore, Md.
Dufur Lbr. Co., Dufur, Ore.
Dugan, Dan A., contractor, Trenton, N. J.
Dugan, D. D., & Son, contrs., Olean, N. Y.
Dugan, Earl N., architect, National Realty bldg., Tacoma, Wash.
Dugan, Geo. A., Co., cornices, contractors, 200 5th av, New York.
Dugan, Geo. A., Sr., architect, 200 5th av, New York.
Dugan-Johnson Co., surgical instruments, 29 W. Ohio, Indianapolis, Ind.
Dugan, M., Concrete Co., Bldrs. & Trds. Exchange, Cincinnati, Ohio.
Duggan-Rider Co., waste paper baskets, Erie, Pa.
Dugger & Goshorn, plow handles, Memphis, Tenn.
Duguid, Jno. B., trunk mfr., Prospect av & M. C. R. R., Toledo, Ohio.
Dugwell Packing Co., Rocky Mount, Va.
Duhamel & Brueckner, carriages, 735 Bedford av, B'klyn, N. Y.
Duhamel Co., mill & facty. supplies, & whol. hdwe., Rapid City, S. D.
Duhlmeier Bros., lbr., Wad. Dalton av, Cincinnati, Ohio.
Duhring, Ziegler, architects, Bailey Bldg., Phila., Pa.
Duhrkop Oven Co., 15 Park Row, New York.
Duisdieker Foundry & Mfg. Co., machsts. & fndrs. Pekin, Ill.
Duke, C. A., architect, Failing Bldg., Portland, Ore.
Duke Chas. A., architect, 10 E. 43rd, New York.
Duke Oak Lumber Co., Wellsville, N. Y.
Duke, Frank M., architect, Vandergrift bldg, Pittsburgh, Pa.
Duke, Peterson, Hardware Co., 113 W. Redwood, Baltimore, Md.
Duke Steel Co., Inc., 191 Pearl, New York.
See adv index at end of book.
Dukedom Roller Mill Co., flour, Dukedom, Tenn.
Duker, J. H., Box Co., packing, Aliceanna, cor. Eden, Balto., Md.
Duker, Otto, & Co., lumber & furn. for public bldgs., Fleet & Albemarle, Baltimore, Md.
Dukerschien, L. W., Heating & Ventilating Co., radiator valves, Oshkosh, Wis.
Dukes Glass Works, 2217 Chestnut, Philadelphia, Pa.
Dulaney, W. F., & Sons, machy. dealers, Paris, Tex.
Dulany, J. H., canned goods, Fruitland, Md.
Dulbert, Robt. J., contractor, 141 Milk, Boston, Mass.
Duling, H. L., flour mills, Gormania, W. Va.
Dull, Raymond W., Co., conveyors & elevators & buckets, screens, etc., gravel washing plants, 111 W. Wash., Chicago, Ill.
Dullabahn, Geo. D., contrs., Lebanon, Pa.
Dulle, G. H., Milling Co., flour, Jefferson City, Mo.
Duluth Brass Wks. Co., Duluth, Minn.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duluth Crushed Stone Co., Duluth, Minn.
Duluth Diamond Drilling Co., Duluth, Minn.
Duluth Gas Engine Wks., Duluth, Minn.
Duluth Iron & Metal Co., mill & factory supplies, Duluth, Minn.
Duluth & Iron Range R. R. Co., Duluth, Minn.
Duluth Iron Works, Inc., marine engines, Duluth, Minn.
Duluth Log Co., ties, pole & posts, Duluth, Minn.
Duluth Lbr. Co., Duluth, Minn.
Duluth Machy. Co., Duluth, Minn.
Duluth Plumbing Supplies Co., Duluth, Minn.
Duluth Show Case Co., Duluth, Minn.
Duluth-Superior Dredging Co., Duluth, Minn.
Duluth Tie & Pulpwood Co., Duluth, Minn.
Duluth Trunk Co., Duluth, Minn.
Duluth Universal Milling Co., flour, Duluth, Minn.
Duluth Water Heater Co., Duluth, Minn.

Dumarest Bros., crude rubber, 66 Front, New York.
Dumbleton, Thos., & Son, brick oven bldrs., 619 Carlton av, Brooklyn, N. Y.
Du Mond, A. A., smoke test machines, 45 W. 34th, New York.
Dumond Mfg. Co., clothes washing machines, Cendar Falls, Ia.
Dumond, W. R., boiler compound, 39 South, New York.
Dumphy, Wm., Mfg. Co., sash, door & blind mfrs., Racine, Wis.
Dumrauf & Wicke, butchers' blocks, 406 E. 102d, New York.
Dun, Thos. F., architect, 953 Woodycrest av, New York.
Dunbar Auto. Body Co., 37th & Filbert, Philadelphia, Pa.
Dunbar Box & Lbr. Co., 282 11th av, New York.
Dunbar Bros., granite, Sullivan, Me.
Dunbar Brothers Co., makers of springs of all description, Bristol, Conn. *See adv index at end of book.*
Dunbar Brick Co., Augusta, Ga.
Dunbar & Co., machsts., 2652 W. Lake, Chicago, Ill.
Dunbar Construction Co., Sault Saint Marie, Mich.
Dunbar, F. W., & Co., imp. crude rubber, 280 B'way, New York.
Dunbar Flint Glass Co., chimney, Dunbar, W. Va.
Dunbar, Irwin, architect, Kirksville, Mo.
Dunbar, J., architect, Kirksville, Mo.
Dunbar, J. J., & Co., htg. contrs., 415 Milwaukee av, Chicago, Ill.
Dunbar, John D., contractor, Canton, O.
Dunbar Ledger & Binder Co., loose leaf devices, Minneapolis, Minn.
Dunbar, L. L., carriages, Linngrove, Ind.
Dunbar Mfg. Co., car flooring, 325 N. Leamongton av, Chicago, Ill.
Dunbar Mfg. Co., rubber balloons, finger cots, South River, N. J.
Dunbar Mill & Lumber Co., Cairo, Ill.
Dunbar, Noel S., archt., Farmers' Trust Bldg., South Bend, Ind.
Dunbar, R. M., architect, Monroe, Mich.
Dunbar Robt. A., architect, 52 Vanderbilt av, New York.
Dunbar Stone Co., see Dunbar & Sullivan Dredging Co. (successors).
Dunbar & Sullivan Dredging Co., contractors, Dime Bank Bldg., Detroit, Mich.
Dunbar & Wallace, whol. lbr., Washington, Pa.
Dunbar, Wm., Co., contrs., Fairfax rd & Lamberton dr, Cleveland, Ohio.
Duncan, Barron, architects, 120 Murray, Alexandria, La.
Duncan & Bro., fertz. mfrs., La Grange, Ky.
Duncan Bros. & Wray Co., machsts., Ludlow Falls, Ohio.
Duncan Electric Mfg. Co., machsts. & fndrs., watthour meters, transformers & wattmeters, Lafayette, Ind.
Duncan Co. (The), boilers, forgings, etc., 506 Water, Toledo, Ohio.
Duncan Foundry & Machine Works, Alton, Ill.
Duncan, Geo., & Co., burlap, 366 B'way, New York.
Duncan & Goodell Co., whol. hdwe. & mill & facty. supplies, Worcester, Mass.
Duncan, Henry J., automatic wood turning lathes, Alpena, Mich.
Duncan, J. C., lumber, Killbuck, Ohio.
Duncan, J., Co., overhead trolleys, 7 Fulton pl, Boston, Mass.
Duncan, Jno. G., Co., machy. dlrs., Knoxville, Tenn.
Duncan, John H., architect, 347 5th av, New York.
Duncan Lbr. Co., Cumberland, Ind.
Duncan & Miller Glass Co., Washington, Pa.
Duncan & Porter Co., masons' & bldrs.' matls., 310 Mendota, Pittsburgh, Pa.
Duncan, Roy F., architect, Dept. H, Columbus, Ohio.
Duncan & Sons, horse collars, Seattle, Wash.
Duncan Stewart & Co., Ltd., steam engines, presses, etc., Export Dept., 43 Cedar, New York.
Duncan, Wm., Est. of, mchst. & fndr., 156 Liverpool, E. B., Boston, Mass.
Duncan, W. C., & Co., contrs., Sharon Bldg., San Francisco, Cal.
Duncan, W. G., Coal Co., Greenville, Ky.
Duncan, W. H., Co., Inc., auto top fabrics, 70 Worth, New York.
Duncan's Mills Land & Lumber Co., 112 Market, San Fran., Cal.
Duncannon Flouring Mill Co., Duncannon, Pa.
Duncanson-Harrelson Co., contractors, Chronicle Bldg., San Francisco, Cal.
Dunck Tank Wks., wood, 878 30th, Milwaukee, Wis.
Dundas, E. H., contractor, 1501 E., Salt Lake City, Utah.
Dundee Canning & Preserving Co., Dundee, Mich.
Dundee Mfg. Co., signs, Boston, Mass.
Dundee Mills, towels, Hookset, N. H.
Dundee Textile Co., umbrella cloth, Passaic, N. J.
Dundon's Iron Works, 225 Folsom, San Francisco, Cal.
Dundore Mfg. Co., gear mfrs. 246 Orange, Reading, Pa.
Dunellen Lbr. & Stone Co., Dunellen, N. J.
Duner Co., car water closets, 101 S. Clinton, Chicago, Ill.
Dunford, S. H., architect, 38 S. Dearborn, Chicago, Ill.
Dungan Fertilizer Co., Doylestown, Pa.
Dungannon Lbr. Co., Dungannon, Va.
Dunham, Carrigan & Hayden Co., whol. hdwe., household gds., mill ry., electrical supplies, etc., Kansas & Division, San Francisco, Cal.
Dunham, Chas. B., architect, 6 Beacon, Boston, Mass.
Dunham Co., agricultural implements, Berea, Ohio.
Dunham, Crawford L., mill & facty. supplies, New Bedford, Mass.
Dunham, D. B., & Son, auto. & vehicle tops, Newark, N. J.
Dunham & Fiske, machsts., Whitewater, Wis.
Dunham, G. F., architect, N. W. Bank Bldg., Portland, Ore.
Dunham, H. E., masons' & bldrs.' matls., Chelan, Wash.
Dunham, J. M., architects, 721 Olive, St. Louis, Mo.
Dunham, John M., Co., architects, 20th & Clark avs, St. Louis, Mo.
Dunham Mills, sweaters, cardigans, etc., Hartford, Conn.
Dunham, O. E., contractor, Warren, Pa.
Dunham Piston Ring Co., 52 Vandeventer, New York.
Dunham, Thos. C., whiting, varnish, paint, plate glass, 68 Murray, New York.
Dunham, W. H., masons' & bldrs.' matls., Okanogan, Wash.
Dunigan Stave & Cooperage Co., Meridian, Miss.
Dunka River Lbr. Co., Fairbanks, Minn.
Dunkar-Dukate Co., canned gds., Blanche bldg, New Orleans, La.
Dunker & Perkins, distributors soaps & dyestuffs, 287 Atlantic av, Boston, Mass.
Dunkirk Brick & Tile Co., Dunkirk, N. Y.
Dunkirk Constr. Co., Dunkirk, N. Y.
Dunkirk Lbr. Co., Dunkirk, Ind.
Dunkirk Mach. & Boiler Co., Dunkirk, N. Y.
Dunkirk Mason & Contr. Co., Dunkirk, N. Y.
Dunkirk Window Glass Co., S. Charleston, W. Va.
Dunkle, Arthur J., Co., contractors & railroad supplies, 50 Church, New York.
Dunlap, C. C., lumber, Delaware, Ohio.
Dunlap-Coleman Co., contrs., Peoria, Ill.
Dunlap & Co., contrs., masons' & bldrs.' matls., Columbus, Ind.
Dunlap, Elmer E., architect., State Life Bldg., Indianapolis, & Kokomo, Ind.
Dunlap Francis E., architect, 1225 Chase av, Chicago, Ill.
Dunlap Hardware Co., Macon, Ga.
Dunlap, John, Co., oils, cans, Carnegie, Pa.
Dunlap, J. S., egg beaters, knives, etc., 334 S. Clinton, Chicago, Ill.
Dunlap, Louis E., Co., architects, Kokomo, Ind.
Dunlap Mfg. Co., cloths, metal polish, screens, Bloomington, Ill.
Dunleavy Bros., contractors, Coatesville, Pa.
Dunlevie Lumber Co., Allenhurst, Ga.
Dunlevy Packing Co., meat packers, Hamilton av & Enterprise, Pittsburgh, Pa.
Dunlop & Lisk Pottery Co., Matawan, N. J.
Dunlop Milling Co., flour, Clarksville, Tenn.
Dunlop Mills, flour, Richmond, Va.
Dunlop-Moore Co., masons' & bldrs.' matls., Duluth, Minn.
Dunn Brick Wks., Erie, Pa.
Dunn, Chas. J., contractor, 1328 Inca, Denver, Colo.
Dunn Connellsville Coke Co., Adamsburg, Pa.
Dunn Construction Co., Chamber of Commerce Bldg., Birmingham, Ala.
Dunn, Cooper M., landscape architect, State Life Bldg., Indianapolis, Ind.
Dunn, E. D. & J. C., architects, 527 5th av, New York.
Dunn Edge Tool Co., Oakland, Me.
Dunn, Edward D., architect, 303 5th av, New York.
Dunn & Eldridge Co., fndrs., 6 N. 6th, Philadelphia, Pa.
Dunn & Elliot Co., ship bldrs., Thomaston, Me.
Dunn, Geo. O., & Bros., contrs., Indianapolis, Ind.
Dunn Green Leather Co., 32 South, Boston, Mass.
Dunn Ink Wks., Buffalo, N. Y.
Dunn, J. C. & Co., oil cloth mfrs., Camden, N. J.
Dunn, J. Edward, Co., reboring tools for engine cylinders, metal stamping, spec. machy., etc., 9 Bethune, New York.
Dunn, J. M., & Son, contrs., Knoxville, Tenn.
Dunn, James, Box Co., packing box, 1952 W. 3d, Cleveland, Ohio.
Dunn, Jas. F., architect, 760 Market, San Francisco, Cal.
Dunn, Jas. J., contractor, Kearny, N. J.
Dunn, Jas. P., chain hoists, Cleveland, Ohio.
Dunn, Jno. A. Co., revolving chairs, Gardner, Mass.
Dunn, Jwly. Co., badges & buttons, 82 Nassau, New York.
Dunn & Kruse, talc, soapstone, clays, chalk, etc., 63 Park Row, New York.
Dunn, L. J., cornices, 1976 Lexington av, New York.
Dunn Loop Coal & Coke Co., Macdonald, W. Va.
Dunn Lumber Co., White Bldg., Seattle, Wash.
Dunn Mach. Co., Buffalo, N. Y.
Dunn Mfg. Co., oil well tools, Oxnard, Cal.
Dunn Mfg. Co., dish washing machines, 180 N. Dearborn, Chicago, Ill.
Dunn Mfg. Co., door check & spring mfrs., Mankato, Minn.
Dunn-McCarthy Co., contractors, 37 W. Van Buren, Chicago, Ill., & Fair, Indianapolis, Ind.
Dunn, M. E., machy. dlrs., Portland, Me.
Dunn Oil Mills Co., Dunn, N. C.
Dunn & Rodenberg, clutch pencils & pocket knives, Baker, Providence, R. I.
Dunn & Sheridan, contractors, 168 E. 32nd, New York.
Dunn Textile Engraving & Mfg. Co., 2011 Church, Philadelphia, Pa.
Dunn, Thos., contractor, Saratoga Springs, N. Y.
Dunn, Thomas, & Sons, hardware, who., & mill & factory supplies & mchsts., tools & supplies, Moline, Ill.
Dunn, T. W., Co., glue & gelatine, 248 Front, New York.
Dunn, W. C., Co., journal truing machy, 832 W. 6th, Cincinnati, Ohio.
Dunn, Walter E., automobile bldrs., Ogdensburg, N. Y.
Dunn, Walter T., architect, Hanover, Kans.
Dunn, Walter E., Mfg. Co., oil engines, etc., Ogdensburg, N. Y.
Dunn, W. H., cornices & skylights, Pasadena, Cal.
Dunn, Wm. J., scrap iron & steel, Fall River, Mass.
Dunn, Wm. J., & Son, granite prod., 331 S. 23d, Philadelphia, Pa.
Dunn, Wm. P., contr., Carlinville, Ill.
Dunn Wire-Cut Lug Brick Co., Conneaut, Ohio.
Dunnam & Robinson, lbr., Mer Rouge, La.
Dunnavant, C. E., Contracting Co., Norfolk, Va.
Dunne, Michael F., machsts., 223 West, New York.
Dunne, Thos, Co., advtg. nov., 415-417 Natchez, New Orleans, La.
Dunnebacke Co., masons' & bldrs.' matls., Kenosha, Wis.
Dunnewold & Sartell, sashes, doors & blinds, St. Cloud, Minn.
Dunnigan & Crumley, architects, 391 E. 149th, New York.
Dunning & Boschert Press Co., Inc., 379 W. Water, Syracuse, N. Y. *See adv index at end of book.*
Dunning, Carl, Supply Co., contrs. equipt. machy. & bldrs. supplies, Lemcke bldg, Indianapolis, Ind.
Dunning, Erich, Harvester Co., machsts. & fndrs, Harrington, Wash.
Dunning Iron Store Co., whol. hdwe., 473 E. 3d, Los Angeles, Cal.
Dunning, Max N., architect, 319 S. Wabash, Chicago, Ill.
Dunning, Neal M., architect, Prudential Bldg., Buffalo, N. Y.
Dunning, R. B., & Co., plumbers' supplies, Bangor, Me.
Dunning-Varney Corp., packing box mfrs., 99 Warren, New York.
Dunning, W. D. See Dunning & Baschert Press Co., Ins. (successor).
Dunningham, John, contractor, Elmira, N. Y.
Dunn's Service, gauge glass protectors, 608 S. Dearborn, Chicago, Ill.
Dunphy Boat Mfg. Co., motor boat bldrs., Eau Claire, Wis.
Dun's International Review, trade publications, 290 Broadway, New York.
Dunson Mills, cotton duck & canvas, La Grange, Ga.
Dunstane, T. H., granite, Concord, N. H.
Dunstan of Dunkirk, Inc., labels, Dunkirk, N. Y.
Duntley Co., belt dressings, 1416 S. Michigan av, Chicago, Ill.
Duntley Co., belt preservative, 295 5th av, New York.
Duntley-King Pneumatic Tool Co., 1143H Diversey pkwy, Chicago, Ill.
Duntley Products Co., hand vacuum cleaners, Erie, Pa.

Duntley Products Sales Co., humidifying app., 732 Michigan av, Chicago, Ill.
Duntley Pneumatic Sweeper Co., vacuum cleaners, 412-414 S. Market, Chicago, Ill.
Dunton Lumber Co., Rumford, Me.
Dunton, M. W., Co., insulating tapes, roofing paper, etc., Providence, R. I.
Dunzeller Constr. Co., contractor, Zanesville, Ohio.
Duparquet, Huot & Moneuse Co., cooking app., 110 W. 22d, New York.
Du Paul, Young Optical Co., Southbridge, Mass.
Duplex Elec. Co., 258 Broadway, New York.
Duplex Engine Governor Co., 36 Flatbush av ext., B'klyn, N. Y.
Duplex Hanger Co., anchors, bases, boxes, joist hangers, etc., E. 53d & Lakeside av, Cleveland, Ohio.
Duplex Hose Coupling Co., Wilkensburg, Pa.
Duplex Mach. Co., auto bumpers & whistles, 93 Lafayette, Newark, N. J.
Duplex Mach. Co., 1224 W. 6th, Cleveland, Ohio.
Duplex Mfg. Co., mchsts., fndrs. & agricultural impl., Superior, Wis.
Duplex Mfg. & Fdry. Co., catch basins & street drainage goods, brick clamps, Elyria, Ohio.
Duplex Mill & Mfg. Co., agricultural implements & feed mills, etc., Springfield, Ohio.
Duplex Moulding Sander Co., machy., Hornell, N. Y.
Duplex Printing Press Co., printing presses, Battle Creek, Mich.
Duplex Truck Co., auto mfrs., Lansing, Mich.
Duplicator Mfg. Co., 530 S. Dearborn, Chicago, Ill.
Dupont Land Co., lumber, Dupont, Fla.
Dupont, Henry H., architect, St. Petersburg, Fla.
Dupont Lbr. Co., Poplarville, Miss.
Du Pont, E. I. de Nemours & Co., Inc., chemicals, fabrikoid, pyralin, explosives, paint, dyestuffs, Wilmington, Del.
See adv index at end of book.
Du Pont Motors, Inc., Moore, Pa.
Dupre, Christian, contrs., Evanston, Ill.
Du Pree, J. F. & Sons Co., contrs, Rome, Ga.
Du Pree Mfg. Co., excelsior, wood wool, Atlanta, Ga.
Du Puy, A. L., architect, 424 E. Alder, Portland, Ore.
Duquesne Const. Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Duquesne Elec. & Mfg. Co., rebuilt motors & generators, Bessemer Bldg., Pittsburgh, Pa. *See adv. index at end of book.*
Duquesne Glass Co., bottles, Paden City, W. Va.
Duquesne Oil & Supply Co., lubrg., 3300 Smallman, Pittsburgh, Pa.
Duquesne Polish Co., metal, 53 S. 15th, Pittsburgh, Pa.
Duquesne Reduction Co., brass ingots, Farmers' Bank Bldg., Pittsburgh, Pa.
Duquesne Slag Products Co., concrete, Diamond Bank Bldg., Pittsburgh, Pa.
Duquesne Steel Foundry Co., loco. frames, Arrott Bldg., Pittsburgh, Pa.
Dupuis, A. J., Co., contractors & dock builders, Ford Bldg., Detroit, Mich.
Duquoin Constr. Co., Duquoin, Ill.
Durabla Mfg. Co., packing mfrs. paints, valve discs, etc., 114 Liberty, New York.
Durable Motor Truck Co., Hammond, Ind.
Durable Toy & Nov. Co., 44 Union Sq., New York.
Durable Wire Rope Co., wire rope and accessories, 93 Pearl, Boston, Mass.
Duraing, Ferd F., architect, 507 5th av, New York.
Dural Rubber Corp., airplane parts, rubber, Flemington, N. J.
Durametal Weather Strip Co., 226 W. Madison, Chicago, Ill.
Durand Hoop Co., Durand, Mich.
Durand Koering Glass Co., glass tubing & rods, Vineland, N. J.
Durand Steel Locker Co., 76 W. Monroe, Chicago, Ill.
Durang, Ferdinand F., architect, 1220 Locust, Phila., Pa.
Duranoid Mfg. Co., harness ornaments, molded insulation, etc., 213 Chestnut, Newark, N. J.
Durant Bros., canned goods, Clarksdale, Mo.
Durant Machy. & Iron Wks., Durant, Okla.
Durant Mfg. Co., speed indicators & counting machines, & manufacturers of counting devices for recording production & pole & revolution counters, 655 Buffum, Milwaukee, Wis.
Duratex Co., artificial leather, 768 Frelinghuysen av, Newark, N. J.
Durbin, J. S., architect, 80 Pine, New York.
Durbrow & Hearne, perforating machines, 12 Wooster, New York.
Duren & Co., milk bottle caps, 34 Summer, Boston, Mass.
Durex Chemical Corp., barium products, 320 5th av, New York, & Sweetland, Tenn.
Durfee, D. J., contr., Quincy, Ill.
Durfee Mfg. Co., disinfectants, Grand Rapids, Mich.
Durfee Mills, cotton sheetings, Fall River, Mass.
Durfee, Walter H., & Co., clocks, church bells, etc., 151 Pond, Providence, R. I.
Durfee, Winthrop C., mordants, 516 Atlantic av, Boston, Mass.
Durflinger, John W., contractor, Noblesville, Ind.
Durgin & Son, cornices, Minneapolis, Minn.
Durham Bros., architects, 1611 Sansom, Phila., Pa.
Durham Buggy Co., Durham, N. C.
Durham Coal & Iron Co., coke, Chattanooga, Tenn.
Durham Cotton Mfg. Co., East Durham, N. C.
Durham Duplex Razor Co., safety razors, Jersey City, N. J.
Durham Fdry. & Mach. Wks. See Kerr, J. T. (successor)
Durham Iron Works Co., Durham, N. C.
Durham, J. C., Co., sash, door & blind mfrs., Belfast, Me.
Durham Mfg. Co., fireless cookers, Muncie, Ind.
Durham Mill Co., flour, Durham, Cal.
Durham, W. W., architect, Leavenworth, Wash.
Durick, Keenan & Co., slate floor tile, etc., Fair Haven, Vt.
Durie & Davison, stone, Harrison, N. J.
Duriron Castings Co., acid proof castings, Dayton, Ohio.
Duriron Castings Co., condensers, fans, etc., 90 West, New York.
Duristo Paint Co., paint mfrs., Newport News, Va.
Durkee, Arthur R., architect., 6359 S. Peoria, Chicago, Ill.
Durkee-Atwood Co., auto chemical supplies, 40 Wilder, Minneapolis, Minn.
Durkee, Chas. D., & Co., who. hardware, pumps, sockets, hooks, etc., 2 South, New York.
Durkee Counter Co., Haverhill, Mass.
Durkee, E. L., & Co., whol. hdwe., Gloversville, N. Y.
Durkee, F. M., & Son, masons' & bldrs.' matls., Lake Geneva, Wis.
Durkin, Jno. J., contractor, 401 W. 59th, New York.
Durkin, Reeves & Co., duplicators, Schmidt Bldg., Pittsburgh, Pa.
Durlacque Mfg. Co., lacquer mfrs., etc., 1311 Chestnut, St. Louis, Mo.
Durland Counter Co., Lynn, Mass.
Durland, L. H. Son & Co., masons' & bldrs.' matls., Watkins, N. Y.
Durman, L. C., lbr. mfrs., Harris, Mo.
Durner, A. E., disc sharpeners, Evansville, Wis.
Durocher, Thos. L., contractor, Sault Sainte Marie, Mich.
Du Roy Mfg. Co., lumber, Park Lake, Mich.
Durr, C. A., Packing Co., meat packers, Utica, N. Y.
Durr, Sebastian, contr., Mount Vernon, N. Y.
Durrett, J. W., see Durrett & Spain (successors).
Durrett & Spain, flour mills, Cross Plains, Tenn.
Durrschimt, Max A., contractor, Derby, Conn.
Durst Milling Co., flour, Dayton, Ohio.
Durst Mfg. Co., plumbers' supps., 105 Chambers, New York.
Durston Gear Co., transmission gears, Syracuse, N. Y.
Duryea, C. E., Co., priming cups, Saginaw, Mich.
Duryea Mfg. Co., mfrs. belting oils, boiler compounds, Bayonne, N. J.
Duryea Motors, Inc., auto bldrs., 3528 W. 18th, Phila., Pa.
Duryea Motors, Inc., trucks, Wilmington, Del.
Duryee, Peter, & Co., who. hdwe., 66 Vesey, New York.
Dusenberry, H. C., disinfectants, 95 Gold, New York.
Dush, Louis, cornices & skylights, Memphis, Tenn.
Dushant, I. M., & Sons, contrs., Carnegie, Pa.
Dusing & Hunt, hdwe. mfrs., fire extinguishers, 386 Mich. av, Buffalo, N. Y.
Dussault Fdry. Wks., Lockport, N. Y.
Dussell Alex., Iron Works, boilers, 416 Erato, New Orleans, La.
Dussick, Jos. L., architect, 196 Bay,14th, Brooklyn, N. Y.
Dust Sprayer Mfg. Co., 1222 W. 9th, Kansas City, Mo.
Dustoline for Roads Co., road binders, Summit, N. J.
Duston, F. W., canned goods, Clarkston, Wash.
Dutch, A., & Co., show cases, 148 Seneca, Buffalo, N. Y.
Dutch Canning & Pickling Co., Cedar Grove, Wis.
Dutcher Mach. Co., engines, Fulton, N. Y.
Dutcher, Ogden, architect, Nampa, Idaho.
Dutchess County Lime Co., mfrs., Dover Plains, N. Y.
Dutchess Fdry. Co., Poughkeepsie, N. Y.
Dutchess Tool Co., machsts. & fndrs., bakers' mach., Fishkill-on-the-Hudson, N. Y.
Duthie, J. F., & Co., ship bldrs., Seattle, Wash.
Dutt Feed & Supply Co., masons' & bldrs.' matls., Wadsworth, Ohio.
Dutton, A. C., Lumber Corp., Springfield, Mass.
Dutton Dredge Co., contrs., 16 California, San Francisco, Cal.
Dutton, C. H., Co., boilers & engines, Kalamazoo, Mich.
Dutton, E. Q., & Co., agricultural implements, Cato, N. Y.
Dutton, Jas. E., granite, 42 E. 23d, New York.
Dutton & Jones Fdry. & Mach. Wks., Vicksburg, Miss.
Dutton, Willis H., machsts., Morristown, N. J.
Dutwiler, M. E., stoves, Los Angeles, Cal.
Duval, Geo. W., & Co., machsts. & fndrs., Norfolk, Va.
Duval Iron Works, Jacksonville, Fla.
Duval Lumber Co., Pensacola, Fla.
Duvall Co., lumber, Kewaunee, Wis.
Duvinage, Pierre, archl. iron, 253 B'way, New York.
Du Vivier, Ernest H. (Imp.), barometer recorders, thermometers, etc., 30 Church, New York.
Dux, Jos, archl. modelers, 2112 W. Van Buren, Chicago, Ill.
Duyer, Frank E., contractor, Chestertown, Md.
Dvorak, Jas., architect, 3219 W. 22nd, Chicago, Ill.
Dvorak, John, & Sons, buttons—pearl, Little Ferry, N. J.
Dvorsky Co., buttons, 411 E. 91st, New York.
Dwelle-Kaiser Co., glass stainers, 251 Elm, Buffalo, New York.
Dwen, Robt. G., architect, 76 W. Monroe, Chicago, Ill.
D. & W. Fuse Co., cut-outs, boxes, switches, wires, etc., Hathaway, Providence, R. I.
Dwiggins Wire Fence Co., Anderson, Ind.
Dwight Building Co., contrs., 24 Center, New Haven, Conn.
Dwight & Lloyd Metallurgical Co., mining engr., 29 B'way, New York.
Dwight, H. A., masons' & bldrs.' matls., Albany, N. Y.
Dwight Lumber Co., maple flooring, River Rouge, Detroit, Mich.
Dwight Mfg. Co., cotton sheetings, Exch. Bldg., Boston, Mass
Dwight Mfg. Co., indicators, 565 W. Washington blvd., Chicago, Ill.
Dwinell Hdwe. Co., mill & facty. supps., Montpelier, Vt.
Dwinnell & Laughlin, contrs., Waukesha, Wis.
Dwyer & Co., contractors, Weightman Bldg., Philadelphia, Pa.
Dwyer, Cornelius, cornices & skylights, Amsterdam, N. Y.
Dwyer, Jas. P., Co., htg. contrs., 183 Harrison av, Boston, Mass.
Dwyer, J. Frank, masons' & bldrs.' matls., Geneva, N. Y.
Dwyer, J. W., & Son, contractors, Ellicott sq, Buffalo, N. Y.
Dwyer Mach. Co., Lynn, Mass.
Dwyer & Mannix, contrs., 335 Shelton av, New Haven, Conn.
Dwyer, M. J., stone producers, Newburgh, N. Y.
Dwyer & Waldorf, architects, Three Forks, Mont.
Dwyer, W. E., architect, New York Bldg., Seattle, Wash.
Dwyer, Wm. J., contractor, Kirk blk, Syracuse, N. Y.
Dyar Supply Co., contractors' municipal equipment, mfrs., 66 Broadway, Cambridge, Mass. *See adv index at end of book*
Dye Bros., stone renovators, 100½ W. 54th, New York.
Dye, John K., contractor, Gloversville, N. Y.
Dye Lumber Co., Hamlet, Ind.
Dye, Milton, masons' & bldrs.' matls., Cumberland, Ohio.
Dye Products Co. of U. S., aniline colors, Krams & Wilde, Philadelphia, Pa.
Dye Products & Chemical Co., colors, 200 5th av, New York.
Dye, Walter F., contractor, Gloversville, N. Y.
Dyer, A. H., Co., architects, Fremont, Neb.
Dyer, B. H., & Co., masons' & bldrs.' matls., Provincetown, Mass.
Dyer Bros. Iron Works, 17th & Kansas, San Francisco, Cal.
Dyer, C. C., brick, Greenfield, Mass.
Dyer, Chas. N., shoe goring, cotton webbing, Haverhill, Mass.
Dyer Co., sugar machy., 2031 Euclid av, Cleveland, Ohio.
Dyer, G. H., Co., autogenous welding & garage tools, mfrs., Cambridge, Mass.
Dyer, Jno., Jr., dock bldr. & contractor, 6 S. Pearl, Albany, N. Y.
Dyer, John N., & Son, granite prod., Long Island City, N. Y.
Dyer, Jno. T., Quarry Co., stone producers., Norristown, Pa
Dyer, J. Milton, architects, 716 American Trust bldg., Cleveland, Ohio
Dyer Packing Co., Vincennes, Ind.

Dyer Saddlery Co., 419 3rd, Milwaukee, Wis.
Dyer, Scott C., architect, 38 S. Dearborn, Chicago, Ill.
Dyer, W. E. S., architect, Land Title Bldg., Philadelphia, Pa.
Dyer, W J., & Bro., pianos, N. St. Paul, Minn.
Dyer, William H., sashes, doors & blinds, 13th cor. Ohio av, N. W., Washington, D. C.
Dyersburg Hoop Co., Dyersburg, Tenn.
Dyett, Frank J., Co., machsts., Ilion, N. Y.
Dyke Bros., lumber mfrs., Fort Smith, Ark.
Dykema Co., rubber bands, 640 Smithfield, Pittsburgh, Pa.
Dykeman & Murray, architects, 15 Exchange, Boston, Mass.
Dykes Lbr. Co., 137H, W. 24th, New York.
Dymond, E. P., cornices, Plymouth, Pa.
Dymond-Simmons Hardware Co., Sioux City, Ia.
Dynes-Pohlman Lbr. Co., Indianapolis, Ind.
Dyneto Electric Corp., auto lighting systems, Syracuse, N. Y.
Dyno Utilities Mfg. Co., commutator compounds, 608 S. Dearborn, Chicago, Ill.
Dysart, Arthur, architect, G. N. Ry. Engr. Dept., Seattle, Wash.
Dysart Brick & Tile Co., Dysart, Ia.
Dyson Brick Co., Dyson, S. C.
Dyson, Jos., & Sons, drop forgings, 5125 St. Clair av, W. Cleveland, O.
Dyson Paper Board Co., 1506H N. Warnock, Phila., Pa.
Eacrett Mill Co., lumber, Port Angeles, Wash.
E-J. Electric Installation Co., engnrs., 221H W. 33rd, New York
E. V. B. Mfg. Co., automobile door locks & hinges & body fittings, New Haven, Conn.
Eadie Bldg. Supply Co., masons' & bldrs.' mtls., 316 Scarrit Bldg., Kansas City, Mo.
Eady, Geo. M., Co., contractors, Louisville, Ky.
Eagan & Dougan, contractors, Mutual Life Bldg., Buffalo, N. Y.
Eagan-Rogers Steel & Iron Co., mchsts. & fndrs., Crum Lynne, Pa.
Eagan, Seth S., machst., Lebanon, Ind.
Eagen, Jas. A., machsts., Wyoming, Pa.
Eager Elec. Co., plating generators, motors, Watertown, N. Y.
Eagle Badge & Button Co., 217 Grand, New York.
Eagle Beer Pump Co., 17 Chambers, New York.
Eagle Belting Co., leather, 558 W. Randolph, Chicago, Ill.
Eagle Bolt & Forging Co., 1435 E. 45th, Cleveland, Ohio.
Eagle Brass Foundry, machsts. & fndrs., Seattle, Wash.
Eagle Building & Constr. Co., 405 E. 117th, New York.
Eagle Button Wks., 55 Chrystie, New York.
Eagle Carriage Co., 1630 Gest, Cincinnati, Ohio.
Eagle Cordage Mills, Covington, Ky.
Eagle Cornice Co., 312 Blackstone, Providence, R. I.
Eagle Cornice & Roofing Co., 959 W. Fort, Detroit, Mich.
Eagle Cornice & Skylight Wks., Cambridge, Mass.
Eagle Cornice Wks., 2726 Sheffield av, Chicago, Ill.
Eagle Cotton Mills Co., bags & bagging, Madison, Ind.
Eagle Cotton Oil Co., Meridian, Miss.
Eagle Counter & Leather Co., 416 E. 8th, Cincinnati, Ohio.
Eagle Emery & Corundum Wheel Co., 715 S. Robey, Chicago, Ill.
Eagle Engineering Co. (The), special machinery, tools, etc., Springfield, O.
Eagle Envelope Co., 431 S. Dearborn, Chicago, Ill.
Eagle Flouring Mill Co., Sweetwater, Tenn.
Eagle Foundry Co., Belleville, Ill.
Eagle Foundry Co., gray iron castings, Muncie, Ind.
Eagle Fdry. & Mach. Co., Jamestown, N. Y.
Eagle Gray Granite Co., Fryeburg, Me.
Eagle Iron & Brass Fdry., Passaic, N. J.
Eagle Iron Co., blast furnaces, Curtin, Pa.
Eagle Iron Foundry, Salem, Mass.
Eagle Iron Works, Des Moines, Ia.
Eagle Iron Wks., Lykens, Pa.
Eagle Iron Wks., fndrs., Muskegon, Mich.
Eagle Iron Wks., Norfolk, Va.
Eagle Iron Wks., 850 De Kalb av, Brooklyn, N. Y.
Eagle Iron Wks., 403 E. 117th, New Yorok.
Eagle Iron Wks., arch't. iron, Wilkes-Barre, Pa.
Eagle Iron Wks. Co., 9 av S & 5th, Minneapolis, Minn.
Eagle Iron Wks. Co., screens, wheels, etc., Terre Haute, Ind.
Eagle, J. W. P., machsts. & fndrs., Ronceverte, W. Va.
Eagle Knife & Bar Co., Lawrence, Mass.
Eagle Knitting Mills, gloves, etc., 184 E. Water, Milwaukee, Wis.
Eagle Lithographing Co., label mfrs., 1672 Providence, Cincinnati, Ohio.
Eagle Lock Co., trunk, hardware, Terryville, Conn.
Eagle Lubricating Oil Co., 226 1st av, Pittsburgh, Pa.
Eagle Lumber Co., Eagle Mills, Ark.
Eagle Lye Wks., 28 Erie, Milwaukee, Wis.
Eagle Machine Co., Lancaster, Ohio.
Eagle Mach. Wks., Richmond, Ind.
Eagle Machy. Co., dlrs., Centre & Walker, New York
Eagle-Macomber Motor Car Co., Sandusky, Ohio.
Eagle Mfg. Co., grease buckets, Wellsburg, W. Va.
Eagle Mfg. Co., machsts. & fndrs., Appleton, Wis.
Eagle Milling Co., flour mills, Bentonville, Ark., & Tucson, Ariz.
Eagle Mills, flour, Pocomke City, Md.
Eagle Mills, plushes, Woonsocket, R. I.
Eagle Oil & Supply Co., 45 India, Boston, Mass.
Eagle-Ottawa Leather Co., 288 W. Lake, Chicago, Ill.
Eagle Paint & Varnish Co., 225 Galveston, Pittsburgh, Pa.
Eagle Paper Co., Richmond, Va.
Eagle Paving Co., contractors, Rosenbloom Bldg., Syracuse, N. Y.
Eagle Pencil Co., 703 E. 13th, New York.
Eagle & Phenix Mills, flannels, tickings, Columbus, Ga.
Eagle Picher Lead Co., lead products, 208 S. La Salle, Chicago, Ill.
Eagle Pipe Supply Co., 233 B'way, New York.
Eagle Point Lime Wks., Dubuque, Iowa.
Eagle Polishing Co., S. Quincy, Quincy, Mass.
Eagle Printing Ink Co., 83 Grand, New York.
Eagle Regalia Co., badges & buttons, 115 Nassau, New York.
Eagle Rock Mfg. Co., sashes, doors & blinds, Eagle Rock, N. C
Eagle Roller Mill Co., flour, New Ulm, Minn.
Eagle Roller Mills, flour, Greenville, S. C.
Eagle Roller Mills, flour, Lawrenceburg, Ky.
Eagle Roofing & Art Metal Works, cornices, Tampa, Fla.
Eagle Rubber Co., balloons, Ashland, Ohio.
Eagle Safety Razor Co., 66 W. Broadway, New York.
Eagle Saw Works, Chattanooga, Tenn.

Eagle Smelting & Refining Wks., 233 Broadway, New York.
Eagle Soap Co., Cooper & Turill, Cum., Cincinnati, Ohio.
Eagle Spec. Mfg. Co., sink brackets, mop sticks, etc., Jamestown, N. Y.
Eagle Square Mfg. Co., steel & iron bedsteads, machsts. & fndrs., etc., South Shaftsbury, Vt.
Eagle Talking Mach. Co., 75 Fulton, New York.
Eagle Tank Co., wooden tanks, 2426 N. Crawford av, Chicago, Ill.
Eagle Tool Wks., Bayonne, N. J.
Eagle Valley Canning Co., New Bridge, Ore.
Eagle Wagon Works, Auburn, N. Y.
Eagle Woodenware Mfg. Co., Hamilton, Ohio.
Eagle Wrought Iron Wks., Jackson av & 150th, New York.
Eagles, Israel C., architect, 153 N. 16th, East Orange, N. J.
Eaglesfield Hardwood Flooring Co., 920 Dorman, Indianapolis, Ind.
Eaglesfield & Shepard, lbr. mfrs., Indianapolis, Ind.
Eagleton Bros., shoe counters, Lynn, Mass.
Eakins, J. S. & W. R., paint, 12 Wallabout, Brooklyn, N. Y.
Eakland, C. O., & Son, contrs. & bldrs., Wilton, Conn.
E. A. Laboratories, elec'l horns, 80 Broadway, Brooklyn, N. Y.
Eames, Alfred M., & Co., carriage wheels, Framingham, Mass.
Eames, C. S., & Co., cornices, Bridgeport, Conn.
Eames & Young, architects, Arcade Bldg., St. Louis, Mo.
Eardley, Wm. F., & Bro., printing presses & machy., etc., 138 Centre, New York.
Eareckson, Wm. M., masons' & bldrs.' matls., 814 N. Stricker, Baltimore, Md.
Earhart, J. T., Brick Co., Louisville, Miss.
Earlhart, Chas., architect, Champaign, Ill.
Earl, Andrew, sash, door & blind mfrs., Hickory & Water, Columbus, Ohio.
Earl Auto. Wks., springs, windshields auto., Los Angeles, Cal.
Earl Cooperage Co., Earl, Ark.
Earl, J. W., architect, Rochester, Pa.
Earl, Jno., sash, door & blind mfrs., Champlain, N. Y.
Earl, Launcelot M., Jr., architect, Idaho Falls, Idaho.
Earl, M. J., pads & tablets, Reading, Pa.
Earl, W. D., Co., horn buttons, celluloid combs, etc., Leominster, Mass.
Earle Bros., crude rubber, 66 Broad, New York.
Earle Brush Co., Columbia, Pa.
Earle & Co., colors, dyes, etc., 20 W. 3d, New York.
Earle, E. P., ores, minerals, metals, etc., 165 Broadway, New York.
Earle, Edw. E., cornices & skylights, Sacramento, Cal.
Earle Gear & Machine Co., machinery mfrs., Stenton & Wyoming av, Philadelphia, Pa.
Earle, H. S., Mfg. Co., hooks, Ford Bldg., Detroit, Mich.
Earle, J. M., Lbr. Co., boxes & crates, 1159 Wabash, Detroit, Mich.
Earley, John H., brick, Nicetown La., Philadelphia, Pa.
Earley, Wm., combination & steam heaters, 1216 Ridge av, Philadelphia, Pa.
Earlham College, engng. schools & coll., Richmond, Ind.
Earlham Land Co., stone producers, Des Moines, Ia.
Earling, Johnson & Frake Co., contrs., Red Bank, N. J.
Earlington Mach. Wks., Earlington, Ky.
Earll, Chas. I., trolley catchers & retrievers, 11 B'way, New York.
Earlville Brick & Tile Mfg. Co., Earlville, Ill.
Early, Edw. E., Co., compounds, Canton, Ohio.
Early Fndry Co., Dicksen City, Pa.
Early Gas Engine Co., Williamsport, Pa.
Early, W. C., canned goods, Munford, Va.
Early W. J., & Sons, machsts. & fndrs., 812 Sarah, Pittsburgh, Pa.
Earp, Edwin, architect, 333 Union, Lynn, & Peabody, Mass.
Easiest Way Mfg. Co., clothes washing machines, Sandusky, Ohio.
Easley Cotton Mills, cotton sheetings, Easley, S. C.
Easley Oil Mill Co., meal, Easley, S. C.
Eason, Arthur N., architect, 228 Westlake, No. Seattle, Wash.
East Akron Machine Co., Akron, O.
East Arkansas Lumber Co., Paragould, Ark.
East Bangor Mfg. Co., hame clips, snap hooks, harness & hitching snaps, machsts. & fndrs., Bangor, Pa.
East Birmingham Iron Roofing Co., Birmingham, Ala.
East Brooklyn Box Co., East Brooklyn, Md.
East Carolina Lbr. Co., Newbern, N. C.
East Coast Hardware Co., hdwe. & bldrs.' supps., West Palm Beach, Fla.
East Coast Lumber Co., Watertown, Fla.
East Coast Lumber & Supply Co., Eau Gaille, Fla.
East End Brick Co., Louisville, Ky.
East Hamilton Tool Co., Hamilton, O.
East Hampton Bell Co., East Hampton, Conn.
East Hampton Lumber & Coal Co., masons' & bldrs.' matls., East Hampton, N. Y.
Easthampton Rubber Thread Co., Easthampton, Mass.
East Hartford Mfg. Co., paper pulp mill, Burnside, Conn.
East & Hobbs, contractors, Norfolk, Va.
East Hoquiam Shingle Co., lumber, Hoquiam, Wash.
East Iron & Machine Co., asphalt, paving, plant machinery, etc., 351 E. Market, Lima, Ohio.
East Jersey Pipe Corp., Boilers, cylinders, tanks, etc., Paterson, N. J.
East Jordan Furnace Co., blast, East Jordan, Mich.
East Jordan Lumber Co., maple flooring, East Jordan, Mich.
East Liverpool Brick Mfg. Co., East Liverpool, Ohio.
East Liverpool Potteries Co., East Liverpool, Ohio.
East Ohio Sewer Pipe Co., Irondale, Ohio.
East Oregon Lbr. Co., Enterprise, Ore.
East Pembroke Canning Co., East Pembroke, N. Y.
East Point Lumber Co., East Point, Ga.
East River Planing Mill Co., sash door & blind mfrs., Green Bay, Wis.
East Rochester Iron Wks., East Rochester, N. Y.
East St. Cloud Granite Co., St. Cloud, Minn.
East St. Louis Cotton Oil Co., East St. Louis, Ill.
East St. Louis Lbr. Co., 2022 State, East St. Louis, Ill.
East St. Louis Stone Co., East St. Louis, Ill.
East Shore Mach. Products Co., machsts., E. 140th & Aspinwell av, Cleveland, Ohio.
East Side Boiler Works, Portland, Ore.
East Side Canning Co., Los Angeles, Cal.
East Side Copper Works, 353 E. 31st, New York.

East Side Fdg. Co., Bridgeport, Conn.
East Side Iron Works, 448 E. 167th, New York.
East Side Machine Co., Los Angeles, Cal.
East Side Mill & Lumber Co., Portland, Ore.
East Side Pckg. Co., meat packers, East St. Louis, Ill.
East Stroudsburg Lumber Co., East Stroudsburg, Pa.
East Tacoma Mfg. Co., sash, door & blind, Tacoma, Wash.
East Tennessee Packing Co., meat packers, Knoxville, Tenn.
East Tennessee Woodworking Co., Morristown, Tenn.
East Texas Fertz. Co., Tyler, Tex.
East Trenton Mach. Wks., Trenton, N. J.
East, Wm. J., architect, Asheville, N. C.
East Windsor Hill Brick Wks., East Windsor Hill, Conn.
Eastburn, Chas. T., stone producers, Yardley, Pa.
Easterbrook, Wm., Jr., & Bro., cornices, steel hames, 311 Cherry, Philadelphia, Pa.
Easterday, Bros., brick & tile, Sparta, Ohio
Eastern Advtg. Co., advtg. spec., 8 W. 40th, New York.
Eastern Bedstead Co., Hoboken, N. J.
Eastern Bolt & Nut Co., E. Providence, Providence, R. I.
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Eastern Brass & Wood Type Co., 71 4th av, New York.
Eastern Bridge & Structural Co., fabrication of steel for buildings and bridges, 88 Cushing, Worcester, Mass. *See adv. index at end of book.*
Eastern Broom Corn Co., 137H Front, Newark, N. J.
Eastern Burlap Bag Co., 95 Commerce, Hartford, Conn.
Eastern Casket Co., 421 W. Camden, Baltimore, Md.
Eastern Cement Co., masons' & bldrs.' matls., Bangor, Me.
Eastern Chemical Co., feltilizer mfrs., 45 Union av, Boston, Mass.
Eastern Clay Goods Co., masons' & bldrs.' matls., 141 Milk, Boston, Mass.
Eastern Coal & Export Corp., mill & facty. supps., Richmond, Va.
Eastern Concrete Steel Co., D. S. Morgan Bldg., Buffalo, N. Y.
Eastern Constr. Co., 110 W. 40th, New York.
Eastern Constr. Co., Woonsocket, R. I.
Eastern Cornices & Roofing Co., 9 Rutgers, New York.
Eastern Cotton Oil Co., Hertford, N. C.
Eastern Engineering & Construction Co., Derby, Conn.
Eastern Expanded Metal Co., concrete binder, 65 Franklin, Boston, Mass.
Eastern Felt Co., felt polishing wheels, rubbing, buffing & polishing sheet felt mfrs., Canal, Winchester, Mass.
Eastern Handle Co., 36 Whittier, Boston, Mass.
Eastern Hardware & Supply Co., mill & facty. supps., 39 S. Charles, Baltimore, Md.
Eastern Ky. Lbr. Co., Hitchins, Ky.
Eastern Lumber Co., Tonawanda, N. Y.
Eastern Machy. Co., brick machy., freight elev., etc., New Haven, Conn.
Eastern Machy. & Equipt. Co., Commercial Tr. Bldg., Phila., Pa.
Eastern Mach. Screw Corp., screw mach. products, Truman & Barclay, New Haven, Conn.
Eastern Malleable Iron Co., malleable iron & semi-steel castings & fndrs., Naugatuck, Conn.
Eastern Mfg. Co., paper & pulp mill, Bangor, Me. Sales office, 501 5th av, New York.
Eastern Marble & Granite Works, stone producers, 2700 Diamond, Philadelphia, Pa.
Eastern Metal & Refining Co., Babbitt metal, 121 Beverly, Boston, Mass.
Eastern Nail Co., cement coated wire, shoe & special wire nails, mfrs., Providence, R. I.
Eastern Ohio Glass Co., window glass mfrs., Barnesville, Ohio.
Eastern Oil Tank Co., Lowell, Mass.
Eastern Papermakers Chemical Co., size, Watertown, N. Y.
Eastern Parts Mfg. Co., stamping, springs, etc., 135 Spring, New York.
Eastern Pattern Wks., Detroit, Mich.
Eastern Penna. Supply Co., whol. hdwe., plumbers' supplies, jobbers, mill & facty. supplies & masons' & bldrs.' matls., Wilkes-Barre, Pa.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eastern Plumbing Supply Co., Hartford, Conn.
Eastern R'way & Lumber Co., wood cross arms, Centralia, Wash
Eastern Range Boiler & Welding Co., expansion tanks, Conshohocken, Pa.
Eastern Rubber Co., tire vulcanizers, 1529 Ridge, Phila., Pa.
Eastern Salt Co., 186 State, Boston, Mass.
Eastern Shore Can Co., Hurlock, Md.
Eastern Signal & Supply Co., primary batteries, 30 Church, New York.
Eastern Specialty Co., jewels, 3409 N. 13th, Philadelphia, Pa.
Eastern Spec. Mfg. Co., bathroom fixtures, rubber tank blubs & furnishings, Scranton, Pa.
Eastern Steel Casting Co., 30 Kemble, Boston, Mass.
Eastern Steel Co., Pottsville, Pa.
Eastern Supply Co., masons' & bldrs.' matls., Phila. rd & 8th, Baltimore, Md.
Eastern Supply Co., soaps & lubricating oils & greases, 2 Canterbury, Worcester, Mass.
Eastern Tablet Co., writing pads, Albany, N. Y.
Eastern Talc Co., 45 Milk, Boston, Mass.
Eastern Tanner's Glue Co., Gowanda, N. Y.
Eastern Testing Laboratories, Allentown, Pa.
Eastern Tool & Mach. Co., Inc., machsts., 452 E. 148th, New York.
Eastern Tool & Mfg. Co., machsts., Bloomfield av, Bloomfield, N. J.
Eastern Tube & Tool Co., Inc., 594 Johnson av, Brooklyn, N. Y.
Eastern & Western Lbr. Co., Portland, Ore.
Eastern Zinc Refining Co., spelter, 255 Russell, Brooklyn, N. Y.
Easthampton Fdry. Co., Easthampton, Mass.
Easthampton Rubber Thread Co., Easthampton, Mass.
Eastlake Mfg. Co., auto. binding, silk fringes, Adams av & Leiper, Philadelphia, Pa.
Eastlake Sheet Metal & Cornice Wks., Seattle, Wash.
Eastman, C. E., architect, Observatory Bldg., Des Moines, Ia.
Eastman, Chas. H., architect, Eitel bldg., Seattle, Wash.
Eastman Co., canned goods, Fryeburg, Me.
Eastman Cotton Mills, Eastman, Ga.
Eastman, G. A., architect, Lewis Bldg., Portland, Ore.
Eastman, Gardiner, & Co., lumber mfrs. & wholesalers, Laurel, Miss.
Eastman, H. T., & Co., bldg. contrs. & archl. iron, East Cambridge, Mass.
Eastman, J. N., & Co., canned goods, Casco, Me.
Eastman Kodak Co., photo materials, Rochester, N. Y.
Eastman Lumber Co., Platteville, Wis.
Eastman Mach. Co., 779 Washington, Buffalo, N. Y.
Eastman Mfg. Co., dolls' furniture, Union City, Pa.
Eastman Oil Mills, meal—cottonseed, Jonestown, Miss.
Eastman Plastic Relief Co., 23d & Dickson, St. Louis, Mo.
Eastman, S. L., Flooring Co., Saginaw, Mich.
Eastman, Sam'l Co., hose nozzle mfrs., machsts. & fndrs., East Concord, N. H.
Eastmond & Co., crude rubber, cocoa mats, 128 Pearl, New York.
Easton Brass & Mach. Wks., Easton, Pa.
Easton & Burnham Machine Co., pine, machsts. & fndrs., Pawtucket, R. I.
Easton Car & Construction Car Co., 198 Fulton, New York *See adv. index at end of book.*
Easton Cypress Co., lbr. mfrs., Albany, N. Y.
Easton Lime Co., Easton, Pa.
Easton Mach. Co., case hardening, 24 Milk, Boston, Mass.
Easton Machinery Co., Easton, Pa.
Easton Packing Co., Easton, Md.
Easton Polishing Supply Co., plating supps., Easton, Pa.
Easton Printing & Mfg. Co., signs, cardboard, Dayton, Ohio.
Easton, Roland J., & Son, architects, Newport, R. I.
Easton, Thos. G., architect, New Kensington, Pa.
Easton, Vance & Co., contractors, Aberdeen, S. D.
Eastover Constrn. Co., 122 N. Genesee, Utica, N. Y.
Eastwood, B. D., architect, 405 Praetorian Bl., Waco, Tex.
Eastwood, Benj., Co., broad looms, & machsts. & fndrs., Paterson, N. J.
Eastwood Chemical Co., Belleville, N. J.
Eastwood Wire Mfg. Co., wire mfrs., Belleville, N. J.
Easum Bros., brick, Colfax, Wash.
Easy Fastener Co., Atlanta, Ga.
Eaton, A. A., architect, Ottumwa, Ia.
Eaton & Brownell, architects, Sherman Bldg., Watertown, N. Y.
Eaton, Brown & Simpson, Inc., contrs., 90 West, New York.
Eaton Builders' Supply Co., Niles, Ohio.
Eaton-Chase Co., mill & facty. supplies & whol. hdwe., Norwich, Conn.
Eaton Clark Co., soap mfrs., 28 Woodward av, Detroit, Mich.
Eaton, Crane & Pike Co., paper & pulp mills, Pittsfield, Mass.
Eaton-Dikeman Co., paper & pulp mills, Lee, Mass.
Eaton & Glover Co., machsts., Sayre, Pa.
Eaton Hardware Co., Brunswick, Me.
Eaton, Harry H., machinist, Jennings, La.
Eaton, H. F., & Sons, lbr. mfrs., Calais, Me.
Eaton, Hy. A., & Son, bobbins, Littleton, N. H.
Eaton, J. C., & Co., brooms, cornices & skylights, Lydonville, Vt.
Eaton, Jas. B., lbr., Bluffton, Ind.
Eaton, John A., machy. dlrs., Bridgeport, Conn.
Eaton, L., architect, 202 E. 18th, New York
Eaton Laboratories, chemists, 340 Sansome, San Fran., Cal.
Eaton Mach. Wks., 37 S. Scioto, Columbus, Ohio.
Eaton, Rhodes & Co., pig iron & coke dlrs., 1st Nat. Bank Bldg., Cincinnati, Ohio.
Eaton, Schlaich & Woll, hair, bristles, 97 Maiden la, New York.
Eaton & Smith, contractors, 715 Ocean, San Francisco, Cal.
Eaton, W. J., lbr. mfrs., Albany, N. Y.
Eaton, W. R., Lumber Co., Lockwood, Mo.
Eaton & Wilson, mill & facty. supplies, New London, Conn.
Eatonton Oil & Fertilizer Co., Eatonton, Ga.
Eatonville Lumber Co., Eatonville, Wash.
Eau Claire Bedding Co., Eau Claire, Wis.
Eau Claire Book & Stationery Co., Eau Claire, Wis.
Eau Claire Mfg. Co., marine gas & gasoline engines, Eau Claire, Wis.
Eau Claire Trunk Co., Eau Claire, Wis.
Eavenson, J., & Sons, soap, Camden, N. J., & Philadelphia, Pa.
Eavey Packing Co., canned goods, Xenia, Ohio.
Ebbecke, M. C., Hardware Co., Allentown, Pa.
Ebe Lumber & Shingle Co., Elbe, Wash.
Ebeling, Arthur H., architect, 1106 W. 15th, Davenport, Ia.
Ebenreiter Lbr. Co., masons' & bldrs.' matls., Sheboygan, Wis.
Eberbach & Son Co., refractometers, Ann Arbor, Mich.
Eberhard, Geo., metal spinning, 9 Calander, Providence, R. I.
Eberhard Mfg. Co., saddlery, hdwe. mfrs., C. & P. Ry. & Tennyson rd, Cleveland, Ohio
Eberhard & Swater, cooperage stock, Troy, Ind.
Eberhardt & Co., contrs. tents, Indianapolis, Ind.
Eberhardt, Henry W., architect & contr., Collinsville, Ill.
Eberhardt Hugo & Co., leaded glass, etc., 2409 W. Roosevelt rd., Chicago, Ill.
Eberhardt Lumber Co., Salina, Kan.
Eberhardt Mach. Wks., mill & facty. supps., Fort Valley, Ga.
Eberhardt & Podgur, contractors, 505 5th av, New York.
Eberhart, J. P., & Co., oils & wax, 15 William, New York
Eberhart, M., & Son, mill & facty. supp., 401 E. 76th, New York
Eberle Cornice Co., 4014 Laclede av, St. Louis, Mo.
Eberlee, T. J., cornices, Cattaraugus, N. Y.
Eberlin, Christ, & Son, cornices & skylights, Hermann, Mo.
Eberling Machy. Co., 1319 Williamson Bldg., Cleveland, Ohio.
Eberly & Orris Mfg. Co., wagon & carriage materials, Mechanicsburg, Pa.
Eberson, Lindsey, Paint Co., 1832 Morgan, St. Louis, Mo.
Ebert Furn. Co., Dept. H, Red Lion, Pa.
Ebert Tractor Co., 30 N. La Salle, Chicago, Ill.
Eberts Bros. Co., masons' & bldrs.' matls., Wyandotte, Mich.
Ebinger, D. A., Sanitary Mfg. Co., sanitary earthenware, 181 Lucas, Columbus, Ohio.
Eble, Chas., cornices, 1907 Vine, Cincinnati, Ohio.
Ebling, John D., stone, Myerstown, Pa.
Ebling, L. Allen, architect, 52 Vanderbilt av, New York
Ebstein Bros., twist drills, 127 Duane, New York.
Eby, Amos, & Co., fertilizer mfrs., Leaman Place, Pa.
Eby, H. H. Mfg. Co. (screw machine products & electric specialties, 1302 Wallace, Phila., Pa.). *See adv. index at end of book.*
Eby Machinery Co., 35 Main, San Francisco, Cal., & 438 E. 3rd, Los Angeles, Cal.
Eccles, John L., Co., htg. contrs., 1 W. 4th, New York.
Eccles Lumber Co., Ogden, Utah.
Eccles, Richard Co., vehicle special forgings, etc., Auburn, N. Y.
Eccles & Smith Co., machy. mill & factory supps., etc., 71 1st, San Francisco, Cal.
Eccles, W. H., Lumber Co., Austin, Ore.
Eccleston, Chas. P., contractor, Westerly, R. I.
Echota Cotton Mills, Calhoun, Ga.

Eck Dynamo & Motor Co., Belleville, N. J.
Eckam, Arthur G., umbrella mfrs., Rochester, N. Y.
Eckart, Fred, Packing Co., meat packers, Ft. Wayne, Ind.
Eckart Plumbing & Heating Co., Seattle, Wash.
Eckbold's, Wm., Sons, machy. dealers, Aramingo & Girard av, Philadelphia, Pa.
Eckel & Aldrich, architects, Corby-Forsee Bldg., St. Joseph, Mo.
Eckel, Louis P. J., architect, 191 York, Buffalo, N. Y.
Eckels-Nye Steel Co., rolling mills, high carbon steel & steel bars, Syracuse, N. Y.
Eckenrode Bros., contractors, Wilkes-Barre, Pa.
Eckenroth, F., & Son, lbr., 921 E. 5th, New York.
Eckerman, Oscar A., architect, Moline, Ill.
Eckerson Bedding Co., Mechanicville, N. Y.
Eckert, John A., packing box mfrs., 314 Pearl, New York, & 54 Hopkins, Brooklyn, N. Y.
Eckert Knitting Co., 923 20th av, N., Minneapolis, Minn.
Eckerts, John, Sons, cornices & skylights, Madison, Ind.
Eckhardt & Lennon Co., heading & staves, Monroe, La.
Eckhardt Mfg. Co., agricultural implements, 2300 University av, W., St. Paul, Minn.
Eckhardt Monumental Co., Toledo, Ohio.
Eckhart, A. J., Co., broom mfrs., W. 74th, Madison, Cleveland, O.
Eckhart Carriage Co., Auburn, Ind.
Eckland, Hy., architect, Moline, Ill.
Eckland, Fugard & Knapp, architects, 111 W. Monroe, Chicago, & Moline, Ill.
Eclat Mfg. Co., furniture polish, 3425 State, Chicago, Ill.
Eclat Rubber Co., Cuyahoga Falls, Ohio
Eckler, Henry, Mfg. Co., masons' & bldrs.' matls., & contrs., South Bend, Ind.
Eckles, W. G., architect, New Castle. Pa.
Eckliff Circulator Co., boiler circulator, Campau bldg., Detroit, Mich.
Ecklund, Fugard & Knapp, architects, Sterling, Ill.
Eckman, Chas. H., architect, Marshalltown, Ia.
Eckman Furniture Co., desk mfrs., Jamestown, N. Y.
Eckstorm, Christian A., architect, 5 N. La Salle, Chicago, Ill.
Eclipse Air Brush Co., 79 Orange, Newark, N. J.
Eclipse Box & Lbr. Co., Inc., 425H Greenpoint av, Brooklyn, N, Y.
Eclipse Brass Fdry. Co., Dayton, Ohio.
Eclipse Cement & Blacking Co., 1240H Belmont av, Phila., Pa.
Eclipse Co., bars, hangers, etc., North Girard, Pa.
Eclipse Elec. Mfg. Co., portables, St. Paul, Minn.
Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
Eclipse Gas Stove Co., Rockford, Ill.
Eclipse Lawn Mower Co., Prophetstown, Ill.
Eclipse Light Co., 583 B'way, New York.
Eclipse Machine Co., bicycle coaster brakes, auto & tractor starters, aeroplane & bicycle hubs, Elmira, N. Y.
Eclipse Mach. Co., power vacuum cleaners & paper folding machines, Sidney, Ohio
Eclipse Mach. Mfg. Co., concrete bldg. block mchy., Kendallville, Ind.
Eclipse Machine Tool Co., 7 Sherman, Charlestown, Mass.
Eclipse Mfg. Co., agrlt. implts. & steel structural wk., Hope, Ark.
Eclipse Mfg. Co., automobile accessories, spark plugs, etc., Indianapolis, Ind.
Eclipse Mfg. Co., bolt and screw cases, Wellston, Ohio.
Eclipse Metal Mfg. Co., stove pipe mfrs., Eden, N. Y.
Eclipse Mill Crayon Co., Lowell, Mass.
Eclipse Mill Co., lumber, Everett, Wash.
Eclipse Paint & Mfg. Co., 6408 Euclid, Cleveland, Ohio.
Eclipse Pulley Covering Co., 2028 W. Lake, Chicago, Ill.
Eclipse Railway Supply Co., car fenders & wheel guards, 4824 Payne av, Cleveland, Ohio.
Eclipse Sign & Advertising Co., Reading, Pa.
Eclipse Stove Co., Mansfield, Ohio.
Eclipse Tanning Co., 119 Sussex av, Newark, N. J.
Eclipse Valve Grinder Co., 1230 Lydia av, Kansas City, Mo.
Eclipse Wall Plaster Co., masons' & bldrs.' matl., Waynesboro, Pa.
Eclipse Wood Pulley Co., Berlin, Pa.
Eco Clock Co., electric & portable watchman's clock mfrs., 197 Congress, Boston, Mass.
Eco Mfg. Co., piston rings, Exchange Bldg., Boston, Mass.
Econometer Co., fabric measuring & price computing machs., Pontiac bldg., St. Louis, Mo.
Economic Machinery Co., labeling machy., Worcester, Mass.
Economical Elec. Lamp Wks. of G. E. Co., 25 W. Broadway, New York.
Economy Advtg. Co., glass signs, Centralia, Ill.
Economy Baler Co., machsts., Ann Arbor, Mich.
Economy Boiler Compound Co., Flatiron Bldg., New York.
Economy Box & Pie Plate Co., paper dishes, plates, etc., Marion, Ind.
Economy Concrete Co., laundry trays, 997 Dixwell, New Haven, Conn.
Economy Construction Co., 318 W. 10th, Kansas City, Mo.
Economy Drawing Table & Mfg. Co., Adrain, Mich.
Economy Elec. Co., sadirons, 211 Fulton, Brooklyn, N. Y.
Economy Elec'l Spec. Co., conduit benders & junction boxes, 37 W. Van Buren, Chicago, Ill.
Economy Engn'g Co., portable elevators & tiering mach., 415 So. Washtenaw av, Chicago, Ill.
Economy Engn'g Co, electric hoists, Willoughby, Ohio.
Economy Excavator Co., machines, Iowa Falls, Ia.
Economy Faucet Co., steam water heaters, 86 Weybosset, Providence, R. I.
Economy Furnace Co., Chicopee, Mass.
Economy Fuse & Mfg. Co., Greenview av. at Diversey pkway, Chicago, Ill. *See adv index at end of book*
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Economy Gas Mach. Co., Rochester, N. Y.
Economy Glove Co., Ft. Wayne, Ind.
Economy Hang-Up Soap Co., 180 N. Dearborn, Chicago, Ill.
Economy Heater Co., automatic water heaters and boilers, gas heating, 108 So. La Salle, Chicago, Ill.
Economy Iron Works, feed water purifiers, Chester, Pa.
Economy Lubrg. Co., Dorrance & Temple, Charlestown 29, Boston, Mass.
Economy Machinery Co., dealers, 428 E. Pearl, Cincinnati, Ohio.
Economy Mfg. Co., tool chests, 508 Commerce, Philadelphia, Pa.
Economy Metal Edge Box Co., 500 S. Peoria, Chicago, Ill.
Economy Mills, cotton & woolen waste, 2322 22d, Oakland, Cal.
Economy Pottery Co., Trenton, N. J.
Economy Pumping Mach'y Co., 122 Curtis, Chicago, Ill.
Economy Seat Co., Inc., upholstered chair seats, 3132 S. Canal, Chicago, Ill.
Economy Separable Switch Point Co., Louisville, Ky.
Economy Silo & Mfg. Co., Frederick, Md.
Economy Stay Co., handles, bags, Jefferson City, Mo.
Economy Stove Co., 2108 Superior, Cleveland, Ohio.
Economy Switchbox & Mfg. Co., Cleveland, Ohio.
Economy Toggle Co., 21 Storer, Boston, Mass.
Economy Tumbler Co., glass, Morgantown, W. Va.
Economy Vapor Heating Co., vacuum valves, Merchants' National Bank Bldg., Omaha, Neb.
Economy Welding Mach. Co., Kansas City, Mo.
Economy Wiping Materials Co., waste, 100 10th av, New York.
Ecorse Fdry. & Mach. Co., Ecorse, Mich.
Edbrooke, H. W. J., architect, Opera House blk., Denver, Colo.
Eddleman, Wm. H., & Sons, contractors, 453 Green La Rox, Philadelphia, Pa.
Eddy Brass Fndry. & Mach. Co., 301 N. Halsted, Chicago, Ill.
Eddy Bros. & Co., lbr. mfrs., Bay City, Mich.
Eddy, C. F., Co., masons' & bldrs.' matls., West Newton, Mass.
Eddy, C. K., & Sons, lbr. mfrs., Saginaw, Mich.
Eddy Co., razor strops, Worcester, Mass.
Eddy, D., & Sons Co., refrigerators, 326 Adams, Boston, Mass.
Eddy, E. A., Machy. Co., mill & facty. supps., 211 Eddy, Providence, R. I.
Eddy & Eddy, starch, Main & Market, St. Louis, Mo.
Eddy Eng'ng Co., Alpena, Mich.
Eddy, F. W., contractor, Wilkes-Barre, Pa.
Eddy, Geo. W., Co., wholesale hardware, Syracuse, N. Y.
Eddy Lbr. Co., Lake Linden, Mich.
Eddy Paper Co., Three Rivers, Mich.
Eddy, R. M., Fndry Co., 372 W. Grand av, Chicago, Ill.
Eddy Valve Co., fire hydrants, valves, etc., Waterford, N. Y.
Eddy, W., Plow Co., Greenwich, N. Y.
Eddy's, Titus, Son., lamp black mfr., Troy, N. Y.
Eddystone Mfg. Co., machsts. & fndrs., Eddystone, Pa.
Ede, G. A., machsts. & fdrs., Cobden, Ill.
Edelmann, E., & Co., automobile accessories mfrs., 341 E. Ohio, Chicago, Ill.
Edelstein, Carl, scrap brass, 279 Front, New York.
Edelstein, D., chemical imp., 340H Sansome, San Francisco, Cal.
Edelstone, Wm. W., mill & facty. supps., 25 Thorndike, East Cowbridge, Mass.
Eden, John, contractor, Attleboro, Mass.
Ederer, R. J., Co., cotton rope, fish nets, etc., 548 Orleans, Chicago, Ill.
Ederer, R. J., Thread Co., Elizabeth & Unity, Philadelphia, Pa.
Edes Mfg. Co., battery coppers, plates & zinc rods, Plymouth, Mass.
Edgar Bros. Co., clay, miners & shippers, Metuchen, N. J.
Edgar & Campbell, cornices & skylights, Seattle, Wash.
Edgar Canning Co., Edgar, Nebr.
Edgar, Chas. S., masons' & bldrs.' matls., Metuchen, N. J.
Edgar Lumber Co., Wesson, Ark.
Edgar Mfg. Co., nutmeg graters, Reading, Mass.
Edgar Plastic Kaolin Co., Metuchen, N. J.
Edgar Steel Seal & Mfg. Co., Lawrence, Kans.
Edgar Zinc Co., Boatmen's Bk. Bldg., St. Louis, Mo.
Edge, Benj. F., sash, door & blind mfrs., Grand Rapids, Mich.
Edge-Dowling Lbr. Co., Groveland, Fla.
Edge & Edwards Machy. Co., filing machines, 53 Gray, Newark, N. J.
Edge, Frank, & Co., machsts., Grand Rapids, Mich.
Edge Hill Silica Rock Co., cupola linings or blocks, New Brunswick, N. J.
Edge Moor Iron Co., Edge Moor, Del.
Edgecomb, W. H., & Sons, lumber, Knoxville, Pa.
Edgecombe Co., pipe joint compound, Cuyahoga Falls, Ohio.
Edgecumbe, J. C., & Co., packing mfrs., 149 Broadway, New York.
Edgecumbe-Parks Co., poles, Benton Harbor, Mich.
Edgemont Machine Co., friction clutches, etc., Dayton, Ohio.
Edgerton Mfg. Co., coal baskets, Plymouth, Ind.
Edgerton, William S., architect, 234 Lark, Albany, N. Y.
Edgett-Burnham Co., canned goods, Newark, N. Y.
Edgett & Ellis Co., lumber, Somerset, Ky.
Edgett & Patterson, contractors, Carbondale, Pa.
Edgewater Coal Co., Syracuse, N. Y.
Edgewater Sawmills Co., Tompkinsville, N. Y.
Edgewater Steel Co., car castings, etc., Edgewater Sta. & A. V. R. R., Pittsburgh, Pa.
Edgeworth, Jas J., stone, 2701 Stewart av, Chicago, Ill.
Edinburgh Cabinet Co., Dept. H, Edinburgh, Ind.
Edginton, Walter, pearl buttons, 210 Vine, Philadelphia, Pa.
Edible Products Co., cocoanut oil, 120 Broadway, New York.
Edinburg Milling Co., flour, Edinburg, Va.
Edinger, Ed. Co., contractors & stone producers, Cedar Rapids, Ia.
Edington Bros., cornices & skylights, Harriman, Tenn.
Edison Elec. Appliance Co., Inc., ranges, cooking app., etc., 5660 W. Taylor, Chicago, Ill.
Edison Elec. Illuminating Co., of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Edison International Corpn., xylol, 165 B'way, New York.
Edison, J. D., fertilizer mfrs., Johnston, S. C.
Edison Lamp Wks. of G. E. Co., x-ray app., Sussex, Harrison, N. J.
Edison Phonograph Wks., machsts., Orange, N. J.
Edison Portland Cement Co., Stewartsville, N. J.
Edison Storage Battery Co., Orange, N. J.
Edison, Thos. A., machsts., Orange, N. J.
Edisto River Lbr. Co., Embree, S. C.
Edlin, S. H., & Co., machsts., Indianapolis, Ind.
Edlund Machy. Co., Inc., drilling machine, Cortland, N. Y.
Edmands, Arthur B., Co., mill & facty. supplies, Slater av, Pawtucket, R. I.
Edmands, Walter S., elec. light baths, 134 Congress, Boston, Mass.
Edmonds Elev. Co., 519 Champlain av, Cleveland, Ohio.
Edmonds, F. E., cornices, Springfield, Ill.
Edmonds, J. Wesley, & Son, metal polish, 212 West, New York.
Edmonds, Thos. C., & Co., plate glass, 1826 Park av, New York.
Edmonds, W. A., & Co., brass castings, Norfolk, Va.
Edmondson, R. Q., & Bro., fertilizer mfrs., Eufaula, Ala.

Edmonston, Sam'l H., Co., contractors, 611 G, N. W., Washington, D. C.
Edmunds, Franklin D., architect, Real Est. Tr. Bldg., Phila., Pa.
Edmunds & Jones Corp., auto. lamps & whistles, 436 Lawton, Detroit, Mich.
Edmunds Mfg. Co., interior hardwood wk., 1220 S. Robey, Chicago, Ill.
Edmunds, W. C., & Co., whol. hdwe., 34 Charles, Baltimore, Md.
Edna Brass Mfg. Co., Cincinnati, Ohio.
Edna Cotton Mills, Reidsville, N. C.
Edson, Gilbert, architect, Connell Bldg., Scranton, Pa.
Edson Mfg. Co., diaphragm pumps, marine steering gears & bottle filling machines, mfrs., 257 Atlantic av, Boston, Mass.
Edson, Wyman L., agricultural implts., creamery testers, etc., Union Center, N. Y.
Edstrand & Olson, plating wks., 159 N. Jefferson, Chicago, Ill.
Edtbauer, E., & Co., automatic weighing machs., 1121 Washington blvd., Chicago, Ill.
Educational Exhibition Co., 26 Custom House, Providence, R. I.
Educational Film Corp., wood fillers, 729 7th av, New York.
Edward Bros., sea green rfg. slate, Granville, N. Y.
Edward Valve & Mfg. Co., East Chicago, Ind.
Edwards, B. W., & Sons, lumber mfrs., 17 S. Gay, Baltimore, Md.
Edwards & Bradford Lbr. Co., Elk, Wash.
Edwards Bros., sealing wax, Milton, Mass.
Edwards, C. D., agricultural implements, Albert Lea, Minn.
Edwards, C. J., Co., masons' & bldrs.' matls., Vicksburg, Miss.
Edwards & Chamberlain Hardware Co., whol. hdwe., Kalamazoo, Mich.
Edwards, Chas., architect, 129 Market, Paterson, N. J.
Edwards & Co., electrical specialties manfrs., Exterior & 140th, New York.
Edwards & Co., masons' & bldrs.' matls., Kingston, Pa.
Edwards, E. A., & Co., stone producers, Denver, Colo.
Edwards, E. Nelson, architect, 1012 Walnut, Phila., Pa.
Edwards, Edw. T., iron rolling mills, etc., Columbia, Pa.
Edwards Engng. Co., architects, 18 S. 7th, Phila., Pa.
Edwards & Edwards, scythe snaths, Waterbury, Vt.
Edwards Folding Box Co., 27 N. 6th, Philadelphia, Pa.
Edwards Furnace Co., Wellsboro, Pa.
Edwards, G. B., Lumber Co., Bessemer, Ala.
Edwards, Geo. B., cornices, Mendota, Ill.
Edwards, H. B., masons' & bldrs.' matls., Titusville, Pa.
Edwards, H. D., & Co., mill, facty. & steam fitters' supplies, 16 Woodward av, Detroit, Mich.
Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.
Edwards, J. R., & Co., contractors, Pottsville, Pa.
Edwards, Jas., pearl buttons, Newark, N. J.
Edwards, John H., stone, 5837 Justine, Chicago, Ill.
Edwards, Jos., & Co., steam pumps, 827 E. 9th, New York.
Edwards, L. T., consulting htg. engineers, 18th S. 7th, Phila., Pa.
Edwards Lighting Fixture Co., 20 E. Lake, Chicago, Ill.
Edwards Metal Structure Co., metal lath, Kansas City, Mo.
Edwards Mfg. Co., cotton sheetings, Augusta, Me.
Edwards Mfg. Co., machinists & founders, Laceyville, Pa.
Edwards Mfg. Co., metal ceilings, shingle, tile, 545-565 Eggleston av, Cincinnati, Ohio. *See adv index at end of book*
Edwards Mfg. Co., washing machs., Honey Creek, Ind.
Edwards & Monohan Co., contractors, 6 Beacon, Boston, Mass.
Edwards Motor C., kerosene engines, Springfield, Ohio
Edwards, O. D., masons' & bldrs.' matls., Ithaca, N. Y.
Edwards, O. M., Co., Inc., filing cabinets & railway sash fixtures, Syracuse, N. Y.
Edwards, R. M., cornices, Los Angeles, Cal.
Edwards, Robert C., architect, 579 Westfield av, Elizabeth, N. J.
Edwards & Sayward, architects, Chamber of Commerce Bldg., Atlanta, Ga.
Edwards, Thos. M., architect, 833 Market, San Francisco, Cal.
Edwards Vitrified Brick Co., sewer pipe, Albion, Ill.
Edwards, W. F., & Co., contractors, Orange, N. J.
Edwards, W. G., machinist, Plainview, Minn.
Edwards, W. Harry, architect, Denham Bldg., Denver, Colo.
Edwards, W. J., architect, Grand Forks, N. D.
Edwards & Walker Co., whol. hdwe., mill & facty. supplies, Portland, Me.
Edwards & Wildey Co., contrs., Black Bldg., Los Angeles, Cal.
Edwards, Wm., contractor, Ridgway, Pa.
Edwards X-Ray Mfg. Co., 111 New Jersey, Indianapolis, Ind.
Edwardsville Brass Co., machsts. & fndrs., Edwardsville, Ill.
Edwins & Edwins, architects, N. W. Bldg., Minneapolis, Minn.
Eefers, Wm. R., sheet metal stampings, 140 Sullivan, New York.
Eells & Mott Co., carriage & wholesale hdwe., Oneida, N. Y.
Effbee Co., manicure sets, traveling bags, etc., 306 S. Franklin, Chicago, Ill.
Efferding, T. G., contractor, Dubuque, Ia.
Effert & Gerisch, stone producers, West New York, N. J.
Efficiency Device Corpn., efficiency dogs & pipe wrenches, 199 8th, Long Island City, N. Y.
Efficiency Elec. Co., cable rocks & fixture hangers, E. Palestine, Ohio.
Efficiency Oil Corp., 2100 Kienlenar, St. Louis, Mo.
Efficient Contrs., Inc., open hearth furnaces, Perth Amboy, N. J.
Efland Milling Co., flour, Efland, N. C.
Efron, Jacob, steam fitters' supplies, 233 Broome, New York.
Egan & Co., contractors, 133 W. Washington, Chicago, Ill.
Egan, Martin J., 490 S. 13th, Newark, N. J.
Egan, K. Francis X., Corp., cotton waste, 20-22 Bergen, Brooklyn, N. Y.
Egan, Thos., contractor, New Orleans, La.
Egan, Thos. J., contractor, Greenwich, Conn., & 1721 Bluff, Pittsburgh, Pa.
Egan, Thos. P., contractor, Coxtan Bldg., Cleveland, Ohio.
Egan Waste Co., 19 Burling, New York.
Egbers, Geo. H., & Bro., iron, 228 E. 7th, Cincinnati, Ohio.
Egbert, W. V., & Co., plumbers' supplies—jobbers, 35 Mechanic, Newark, N. J.
Egerton, Wm. S., architect, 234 Lark, Albany, N. Y.
Egdorf, John, stone, 1227 Otto, Chicago, Ill.
Egg Harbor Brick Mfg. Co., Egg Harbor City, N. J.
Eggan, Fred. J., mill & facty. supplies, Ishpeming, Mich.
Eggers, Chas. F., & Co., contractors, Uniontown, Pa.
Eggers, Fred. Veneer Seating Co., Two Rivers, Wis.
Eggers & Heinlein, crude rubber, 59 Pearl, New York.
Eggers, Jno., Iron Wks., 219 N. Elizabeth, Chicago, Ill.
Eggers Milling Co., flour, Hermann, Mo.
Eggers, Wm. J., & Sons, rubber molds, 294 Taaffe pl, Brooklyn, N. Y.
Eggerss-O'Flying Co., boxes, trunks, Omaha, Neb.
Eggert, Chas., masons' & bldrs.' matls., North Milwaukee, Wis.
Eggert, G. S., lbr. mfrs., Getchell, Wash.
Egginton, O. F., Co., cut glassware, Corning, N. Y.
Egle Bros., Mfg. Co., china kilns, 169 Sylvester, Detroit, Mich.
Egry Register Co., Dayton, Ohio.
Egypt Canning Co., Fairport, N. Y.
Egyptian Chemical Co., disinfectants, 255 Atlantic av, Boston, Mass.
Egyptian Iron Wks., mine cars, cages, etc., Murphysboro, Ill.
Egyptian Laquer Mfg. Co., 23 Liberty, New York
Egyptian Lumber Co., St. Louis, Mo.
Egyptian Powder Co., East Alton, Ill.
Egyptian Tie & Timber Co., Railway Exchange Bldg., St. Louis, Mo.
Ehlers, A., architect, Carthage, Mo.
Ehlers, Robt. J., Co., refrigerators, furniture, 110 W. 40th, New York.
Ehlers, Wm. H., architect, Catonsville, Md.
Ehlert Hdwe. Co., 209 3d, Milwaukee, Wis.
Ehman Tire & Rubber Co., 176 N. Michigan, Chicago, Ill.
Ehmann Olive Co., canned, Oroville, Cal.
Ehmann, Wm. F., architect, 3748 Maple square, Chicago, Ill.
Ehren Pine Co., Ehrin, Fla.
Ehrensperger, J. J., machsts. & fndrs., Cullman, Ala.
Ehret Magnesia Mfg. Co., Land Title Bldg., Philadelphia, Pa.
Ehret Roofing & Mfg. Co., Drexel Bldg., Phila., Pa.
Ehrhart, Louis, & Son, sash, door & blind mfrs., 2415 Fullerton av, Chicago, Ill.
Ehrlich, A. B., & Co., scrap iron, Springfield, Mass.
Ehrlich, H., & Sons Mfg. Co., bk. & store fixtures, refrigerators, cold storage doors, etc., St. Joseph, Mo.
Erman Mfg. Co., celluloid signs, 170 Summer, Boston, Mass.
Ehrmann & Babisen, carbon & cortz, 2 Maiden la, New York.
Ehrmann & Co., meat packers, Terre Haute, Ind.
Ehrmann, Ludwig, color mfrs. & imptrs., 288 Bowery, New York.
Ehrsam, Fred, architect, 922 Reading, Reading, Pa.
Ehrsam, J. B., & Sons, Co., flour mills, cement & plaster mill machy., Enterprise, Kans.
Eich, Geo. B., architect, 39 S. State, Chicago, Ill.
Eichberg S., Milton, architect, 64 W. Randolph, Chicago, Ill.
Eichberg, W. L., cornices, Dept. H, Memphis, Tenn.
Eichelberger's, T. D., Sons, masons' & bldrs.' matls., Dayton, O.
Eichenbusch, J. W., Co., bags & suit cases, 120 Ann, Chicago, Ill.
Eichenfeld, Daniel, architect, Tulsa, Okla.
Eichenlaub, Geo. E., architect, Commerce Bldg., Erie, Pa.
Eichholtz, Geo. W., & Son, lbr. mfrs., Indianapolis, Ind.
Eichnorn, Augustus, architect, 81 Essex, Orange, N. J.
Eichleay, John, Jr., Co., contractors, Pittsburgh, Pa.
Eichman, J. C., Mfg. Co., plumbers' supplies, mfrs., Bush & Wicomico, Baltimore, Md.
Eichmann, Robt. W., contractor, 234 Summit av, Jersey City, N. J.
Eichorn, Mrs. Ludwig, cornices, New Orleans, La.
Eickoff, O. S., architect, Spring Valley, N. Y.
Eid, L., Concrete Steel Co., 1206 Liberty, Cincinnati, Ohio.
Eidel, Bernhard H., mill & facty. supps., 445 Canal, New York.
Eidlitz, Marc, & Son, contractors, 30 E. 42d, New York.
Eidlitz & Ross, steel structural wk., 110 W. 40th, New York.
Eielson, A., lbr. mfrs., Springfield, Ill.
Eifert, Hy. F., auto. & furn. binding, 42 Union sq., New York.
Eifert, J. & F., lbr., 199 Ave. D, New York.
Eifert, Paul, auto. trunks, Grand Rapids, Mich.
Eifert & Stochr, organs, 920 2d av, Long Island City, N. Y.
Eifler, Chris., organs, Darby, Pa.
Eilenberger, C. W., architect, Bloomfield, N. J.
Eilers, Henry, contractor, Burlington, Ia.
Eimer & Amend, chemicals, chemical apparatus, etc., 205 3d av, New York.
Einsiedel, Julius, brick, Egg Harbor City, N. J.
Einsweller, C. W., masons' & bldrs.' matls., Utica, Ohio.
Eisaman & Richer, lumber, Peru, Ind.
Eisbach, Peter, contractor, Dubuque, Ia.
Eiselt, Heinrich E., archt., 60 E. Broad, Columbus, Ohio
Eisemann, John Ed., cornices & skylights, Houston, Tex.
Eisemann Magneto Corpn., 32 23rd, Brooklyn, N. Y.
Eisen, Theo. A., architect, Wilcox Bldg., Los Angeles, Cal.
Eisenberg Bros., arch'l iron, 438 E. 10th, New York.
Eisenberg, M. & Son, fireplace furnishings, mfrs., 165 Grand, New York.
Eisenberg, S., architect, Chelsea, Mass.
Eisenbiegler, Wm., architect, 661 Springfield av, Newark, N. J.
Eisenbrandt, F. B., machinist, ft. of Light, Baltimore, Md.
Eisendrath Glove Co., leather gloves, Armitage & Elston, Chicago, Ill.
Eisendrath, Simon B., architect, 18 E. 41st, New York
Eisenla, Frederic W., architect, 186 Remsen, Brooklyn, N. Y.
Eisenman, Chas E., contr., 154 Linwood av, Bridgeport, Conn.
Eisemann, S. J., ironing boards, 369 Broadway, New York.
Eisenmayer Milling Co., flour, Springfield, Mo.
Eisenmenger, L., Meat Co., St. Paul, Minn.
Eisenstadt, Wm., soap, 1615 W. 42d, Chicago, Ill.
Eisenstark & Lipshitz, advtg. nov., 297 Mercer, New York.
Eisinger, L. W., architect, 52 Vanderbilt av, New York.
Eisler, Anthony & Co., paper clips, gummed labels, tags, tickets, etc., 227 Canal, New York.
Eisler Mfg. Co., spec. machy. & stamping works, Rochester, N. Y.
Eismann Magneto Co., spark plugs, 32 33d, Brooklyn, N. Y.
Eissler, J. Fred, carriages, Fostoria, Ohio.
Eiswerth Co., sash, door & blind, Williamsport, Pa.
Eitel, H. C., masons' & bldrs.' matls., Elberton, Wash.
Eizner & Anderson, architects, Citizens' National Bank Bldg., Cincinnati, Ohio.
Ekle, A. R., stone producers, Mankato, Minn.
Ekroth Piano Co., Rockford, Ill.
Ekstrand, Oscar, & Co., contractors, Evanston, Ill.
Ela, M. T., lbr., Warner, N. H.
Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.
Elam, Thos., & Son, contractors, 180 Jessie, San Francisco, Cal.
El Arco Radiators Co., airplane radiators, 252 W. 64th, New York.
Elastic Compound Paint Co., 5131 Kershaw, Phila., Pa.
Elastic Tip Co., small molded rubber goods, mfrs., 370 Atlantic av, Boston, Mass.
Elastoid Fibre Co., paper tubes & paper sleeves, Waltham, Mass.
Elaterite Paint & Mfg. Co., Des Moines, Ia.
Elba Mfg. Co., cottonseed meal, Charlotte, N. C.
Elba Products Co., canned goods, Batavia, N. Y.
Elbe File & Binder Co., 97 Reade, New York.

Elbel Co., saddlery hdwe., Dept. H, Canton, Ohio.
Elbert & Co., oils, etc., 27 William, New York.
Elbert County Fertilizer Co., Elberton, Ga.
Elberton Brick Co., Elberton, Ga.
Elberton Granite Corp., Elberton, Ga.
Elberton Guano Co., Elberton, Ga.
Elberton Machine Works, Elberton, Ga.
Elberton Oil Mills, Atlanta, Ga.
Elboeuf Knitting Co., bathing suit mfrs., Utica, N. Y.
Elcessor, Andrew, tubular boilers, Marietta, Ohio.
Elco Co., ship builders, Bayonne, N. J.
Elco Works, The, machsts., Bayonne, N. J.
Elcock & Sons, granite, W. Quincy, Quincy, Mass.
El Comercio, trade publication, 114 Liberty, New York.
Elden, T. G., bolt, nut & rivet mfr., 115 Sycamore, Cincinnati, O.
Elder Bros., see Elder Constr. Co. (successors).
Elder-Conroy Hardware Co., Clarksville, Tenn.
Elder Constr. Co., San Antonio, Texas.
Elder & Henry, founders, Columbus, O.
Elder, Hiram, architect, Marion, Ind.
Elder, J. E., Hardware Co., Clarksville, Tenn.
Elder, Jas., cordage mfrs., 230 W. Coulter, Germantown, Philadelphia, Pa.
Elder Mercantile Co., cornices & skylights, Ottawa, Kan.
Elder Paving & Contrg. Co., Montebello av, Baltimore, Md.
Elder, Robert L., contractor, 219 N. Delaware, Indianapolis, Ind.
Elder, W. F., Lumber Co., Macon, Ga.
Elderfield-Hartshorn Hardware Co., Niagara Falls, N. Y.
Eldora Pipe & Tile Co., Eldora, Ia.
Eldorado Brick Co., Eldorado, Ill.
Eldorado Foundry & Mach. Co., Eldorado, Ark.
Eldorado Lumber Co., Eldorado, Ark.
Eldorado Oil Mill & Fertilizer Co., Eldorado, Ark.
El Dorado Oil Works, 433 California, San Francisco, Cal.
Eldorado Packing Co., canners, Eldorado, Md.
El Dorado Sawmill Co., El Dorado, Ark.
Eldred, Anson, Co., paper & pulp mills, Stiles, Wis.
Eldred Mfg. Co., cigar lighters, 46 W. Kinzie, Chicago, Ill.
Eldred, Williard H., harness mfrs., Battle Creek, Mich.
Eldred Window Glass Co., Punxsutawney, Pa.
Eldredge Electric Mfg. Co., machinists, Springfield, Mass.
Eldredge, Geo. W., architect, Western Mutual Life Bldg., Los Angeles, Cal.
Eldridge Bros., sash, door & blind mfrs., Dexter, Me.
Eldridge, C. W., architect, Cutler Bldg., Rochester, N. Y.
Eldridge, T. H., fertilizer mfrs., Norwich, Conn.
Eldt, Geo. M., soap, Tiffin, Ohio.
Electra Lightning Rod Co., Cresco, Ia.
Electric Accumulator Co., rectifiers, 811 Penna., Pittsburgh, Pa.
Elec. Alkaline Co., "Clorox" disinfectant, East Oakland, Cal.
Elec. Alloy Steel Co., Youngstown, Ohio
Elec. Apparatus Co., mail boxes, 127 S. Green, Chicago, Ill.
Elec. Appliance Co., Burlington, Kan.
Elec. Appliance Co., automotive hdwe., 416 Canal, New Orleans, La.
Elec. Appliance Co., car bells, 701 W. Jackson blvd., Chicago, Ill.
Elec. Arc Cutting & Welding Co., elec. cutting & welding apparatus, 152 Jeliff av, Newark, N. J.
Elec. Auto-Lite Co., Toledo, O.
Elec. Automatic Appliance Co., fire alarms, 1749 Arapahoe, Denver, Colo.
Elec. Automatic Cigar Lighter Co., 556 W. 27th, New York.
Elec. Auto Sales Corp., auto frames & trucks, Central Park W. & 62d, New York.
Elec. Blower Co., electric forge blowers, electric blowers & exhausters & electric ventilating fans, mfrs., 350 Atlantic av, Boston, Mass.
Electric Boat Co., Groton, Conn.
Elec. Boiler Co., Rochester, N. Y.
Elec. Brazing & Welding Mach. Co., demagnetizers, 30 Church, New York.
Elec. Car & Locomotive Corp., 165 B'way, New York.
Elec. Carriage Call & Spec. Co., 311 W. 40th, New York.
Elec. Carrier Co., 165 B'way, New York.
Elec. City Bedding Co., mattresses, Scranton, Pa.
Elec. City Brick Co., Augusta, Ga.
Elec. City Fdry. Co., Schenectady, N. Y.
Elec. Cleanser Co., Canton, Ohio.
Elec. Compound Co., soap powders, 211 W. 16th, Los Angeles, Cal.
Elec. Const. & Machy. Co., Rock Island, Ill.
Elec. Construction & Motor Co., Findlay, Ohio.
Elec. Controller Co., heating pads, 317 W. Maryland, Indianapolis, Ind.
Electric Controller & Mfg. Co., switches, 2698 E. 79th, Cleveland, Ohio. *See adv. index at end of book.*
Elec. Cut Co., coffee or spice mills, Canton, O.
Elec. Dumbwaiter Co., 116 Morgan, Pittsburgh, Pa.
Elec. Emery Wheel Co., 827 Broad, Newark, N. J.
Elec. Engineering Co., 21 N. 6th, Minneapolis, Minn.
Elec. Engrs. Equipment Co., 711 Meridian, Chicago, Ill.
Elec. Fire Alarm Co., Sheboygan, Wis.
Elec. Flasher Co., 80 5th av, New York.
Elec. Floor Surfacer Co., 149 W. 36th, New York.
Electric Furnace Co., Alliance, O.
Elec. Furnace Construction Co., Fiance Bldg., Phila., Pa.
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Elec. & Glass Spec. Wks., Toledo, Ohio.
Elec. Goods Mfg. Co., Canton, Mass.
Elec. Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.
Elec. Heating Apparatus Co., electric furnaces, 121 Sussex av, Newark, N. J.
Elec. Heating & Mfg. Co., cigar lighters, radiators, etc., Westlake & Republican, Seattle, Wash.
Elec. Horn & Spec. Co., Utica, N. Y.
Elec. Hose & Rubber Co., 12th & Dure, Wilmington, Del.
Elec. Lustre Starch Co., 26 Central, Boston, Mass.
Elec. Mach. Co., corn poppers, New Albany, Ind.
Elec. Machinery Co., 14th av & N. E. Tyler, Minneapolis, Minn.
Elec. Machy. Sales Co., 327 S. La Salle, Chicago, Ill.
Elec. Mfg. Co., auto. supplies, 166 W. 6th, St. Paul, Minn.
Elec. Mfg. Co., curling iron heaters & hair dryers, 59H New Montgomery, San Francisco.
Elec. Materials Co., bearings, castings, forgings, etc., North East, Pa.
Elec. Novelty Works, 533 Mission, San Francisco, Cal.
Elec. Panelboard Co., junction boxes, 27 N. Water, Rochester, N. Y.
Elec. Porcelain & Mfg. Co., Trenton, N. J.
Elec. Power Equipment, corp, switches, etc., 13th & Wood, Phila., Pa.
Elec. Products Co., generators & battery charging rheostats, Clarkstone rd., Cleveland, Ohio
Elec. Railway Equipment Co., Cincinnati, Ohio.
Elec. Railway Improvement Co., 2070 E. 61st pl., Cleveland, Ohio.
Elec. Ry. Journal, 10 av & 36th, New York.
Elec. Railway & Mfrs. Supply Co., 36 2d, San Francisco, Cal.
Elec. Refining Co., lubricating oils & greases, Toledo, Ohio.
Elec. Review & Western Electrician, trade publication, 608 S. Dearborn, Chicago, Ill.
Elec. Rotary Mach. Co., 32 S. Clinton, Chicago, Ill.
Elec. Rubber Reclaiming Co., Barberton, Ohio.
Elec. Sales Co., electric fuses, 67 E. Gay, Columbus, O.
Elec. Service Co., commutator rings, 12th & Madison, Cincinnati, Ohio.
Elec. Service Supplies Co., clamps & trailer connectors, 17th & Cambria, Philadelphia, Pa.
Elec. Smelting & Aluminum Co., Lockport, N. Y.
Elec. Spark Appliance Co., auto. horns, 140 Imlay, Bklyn., N. Y.
Elec. Specialties Co., irons & toasters, Benton Harbor, Mich.
Elec. Specialty Co., condensers, testers, Cresco, Ia.
Elec. Specialty Co., generators, Stamford, Conn.
Elec. Steam Radiator Co., Portland, Me.
Elec. Steel Castings Co., 64th & R. R., Milwaukee, Wis.
Elec. Steel Co., W. 31st & S. Wood, Chicago, Ill.
Elec. Steel Co. of Ind., castings, Indianapolis, Ind.
Electric Steel & Forge Co., 6608 Grant av, Cleveland, O. *See adv. index at end of book.*
Elec. Steel Fdry., Portland, Ore.
Elec. Storage Battery Co., 19th & Allegheny av, Phila., Pa.
Elec. Storage Supply Co., batteries, Somerville, Mass.
Elec. Supply Co., armature rewinding & commutator refilling, Charleston, S. C.
Elec. Supply Co., sockets, incandescent lamps, Sioux City, Ia.
Elec. Supply Co., storage batteries, 1947 E. 9th, Cleveland, O.
Elec. Tachometer Corp., meters, 310H N. 11th, Phila., Pa.
Elec. Vacuum Cleaner Co., Inc., Ivanhoe rd., Cleveland, Ohio
Elec. Vulcanizer Co., 618 3d av, S., Minneapolis, Minn.
Elec. Water Sterilizer & Ozone Co., Scottdale, Pa.
Elec. Weighing Co., conveyor scales, 180 13th av, New York.
Elec. Welding Co., gear blanks, 2114 Superior Viaduct, Cleveland, Ohio.
Elec. Welding Co., machy., 764 Cort., New York.
Elec. Welding Co., reinforcing materials, Benedum Trees Bldg., Pittsburgh, Pa.
Elec. Wheel Co., metal wheels, cars, carts, etc., Station D, Quincy, Ill.
See adv index at end of book.
Electrical Age, trade publication, 233 B'way, New York.
Elec'l Alloy Co., resistance wire mfrs., Morristown, N. J.
Elec'l Appliance Mfg. Co., blind fasteners & oven thermometers, mfrs., Waterbury, Conn.
Elec'l Blue Book, trade publications, Monadnock bldg., Chicago, Ill.
Elec'l Decorative Flower Co., 140 W. 116th, New York.
Electrical Development & Machine Co., potheads, bus bar supporters & disconnecting switches, 221 N. 23rd, Phila., Pa.
Elec'l Engrs., trade journal, Woolworth bldg., New York.
Elec'l Engng. Co., instrs., 21 N. 6th, Minneapolis, Minn.
Elec'l Industries Mfg. Co., 328 W. 41st, New York.
Electrical Machy. Co., dlrs., 12th & Cherry, Erie, Pa.
Elec'l Mfg. Co., lugs, switchboards, light & power, 112 Hamilton av, Cleveland, Ohio.
Elec'l Mfrs. Equipment Co., armature machy., Postal Telegraph Bldg., Chicago, Ill.
Elec'l Material Co., elec. supp., 618 W. Jackson blvd, Chicago, Ill.
Elec'l Merchandising, trade publication, 10th av & 36th, N. Y.
Elec'l Products Corp., elec. illumn. signs, 941 W. 16th, Los Angeles, Cal.
Electric Record, trade publication, 461 8th av, New York.
Elec'l Repair Co., 548 W. 25th, New York.
Elec'l Review, trade publication, Monadnock block, Chicago, Ill.
Elec'l Sales Co., fire alarms, elec. bells & horns, 176 Federal, Boston, Mass.
Elec'l Specialty Mfg. Co., outlet bushings, 49 Beaufort, Providence, R. I.
Elec'l Testing Co., storage battery charging sets, Peoria, Ill.
Elec'l Testing Laboratories, 80th & E. End av, New York.
Elec'l World, trade publication, 10th av & 36th, New York.
Electro Bleaching Gas Co., monochlorbenzol, 18 E. 41st, New York.
Electro Call Signal Co., factory signals, 1591 Columbus rd, Cleveland, Ohio.
Electro Chemical Co., Dayton, Ohio.
Electro Chemical Engraving Co., advtg. novelties, etched metal signs, etc., 450 19th, Brooklyn, N. Y.
Electro Chem. Supply & Eng'ng Co., 21 So. 12th, Phila., Pa.
Electro Dental Mfg. Co., heaters, surgical instruments, etc., 33d & Arch, Philadelphia, Pa.
Electro-Dynamic Co., machs., Bayonne, N. J.
Electro Importing Co., 233 Fulton, New York.
Electro Magnetic Tool Co., 2902 Carroll, Chicago, Ill.
Electro-Metallurgical Co., 42d St. Bldg., New York.
Electro Silicon Co., metal polish, 30 Cliff, New York.
Electro Steel Co., elec. furnace, Curry Bldg., Pittsburgh, Pa.
Electro Sun Co., Inc., engineer's instruments & blue prints, 161 Washington, New York.
Electro Surgical Instrument Co., Rochester, N. Y.
Electrolabs Co., oxygen hydrogen apparatus, 2635 Penn av, Pittsburgh, Pa. *See adv. index at end of book.*
Electrolytic Engineering Corpn., electrolytic cells, 501 5th av, New York.
Electrolytic Sanitation Co., sewage disposal system, 53 W. Jackson blvd. Chicago, Ill.
Electromechanical Co., armatures, 530 N. Calvert, Balto., Md.
Electromobile Motor Car Co., Boatmen's Bank Bldg., St. Louis, Mo.
Electron Chemical Co., chemical machinery mfrs., Portland, Me.
Electrose Mfg. Co., arc lamp insulators, insulating compounds, etc., 70 Washington, Brooklyn, N. Y.
Electrova Co., pianos, 117 Cypress av, New York.
Ele-Kem Co., see Bell & Gossett Co. (successors).
Elektra Toy & Novelty Co., 400 Lafayette, New York.
Elenbrok, Caroline, masons' & bldrs.' matls., 2104 Fkd. av., Baltimore, Md.

Elevator Construction Co., freight elev., 327 Second av, Pittsburgh, Pa.
Elevator Roller Mills Co., flour, Columbus, Neb.
Elevator Signal Co., 116 West, New York.
Elevator Supplies Co., Inc., elevators supplies mfrs., Hoboken, N. J.
Eley, Frederick H., architect, Santa Ana, Cal.
Elford, Edw., contractor, 103 N. 3d, Columbus, Ohio.
Elfreth & Co., contractors, 1708 Sansom, Philadelphia, Pa.
Elgar, Jas., Inc., interior hardwood, Hornell, N. Y.
Elgin Brass Co., 21 Park row, New York.
Elgin Brass & Electrical Mfg. Co., machsts. & fndrs., Elgin, Ill.
Elgin-Butler Brick & Tile Co., Austin, Tex.
Elgin Butter Tub Co., Elgin, Ill.
Elgin Canning Co., Elgin, Ia.
Elgin Cotton Oil Co., meal, Elgin, Tex.
Elgin Gas Engine & Mach. Co., Elgin, Ill.
Elgin, Joliet & Eastern Ry. Co., 208 S. La Salle, Chicago, Ill.
Elgin Mfg. Co., machinists & founders, Elgin, Ill.
Elgin Metal Novelty Co., machinists, Elgin, Ill.
Elgin Motor Car Corp., automobile bldrs., McCormick Bldg., Chicago, Ill.
Elgin National Soap Co., Elgin, Ill.
Elgin Nat. Watch Co., 86 E. Randolph, Chicago, Ill.
Elgin Packing Co., Elgin, Ill.
Elgin Saddlery & Harness Co., Elgin, Ill.
Elgin Silver Plate Co., hardware, casket trimmings, Elgin, Ill.
Elgin Street Sweeper Co., machy., Elgin, Ill.
Elgin Tool Works, machinists & founders, Elgin, Ill.
Elgin Tractor Corp., Piqua, Ohio.
Elgin Wheel & Engine Co., Elgin, Ill.
Elgin Wind Power & Pump Co., Elgin, Ill.
Elias, G., & Bro., basswoood, ties, poles, etc., 965 Elk, Buffalo, N. Y.
Elias, Jos., & Co., plate glass, Jackson av, Long Island City, N. Y.
Eliason, J. T. & L. E., lumber, masons' & bldrs. matls.' New Castle, Del.
Eli Bridge Co., elec. lgt. plants, Roadhouse, Ill.
Eliot Mills, Inc., cotton & jute felt & cotton shoddy mfrs., 184 Summer, Boston, Mass.
Elite Button Co., 220 W. 19th, New York.
Elite Mfg. Co., auto jacks, etc., Ashland, Ohio.
Elite Mfg. Co., cut glassware, wood novelties, Aldenville, Pa.
Elite Polish Co., New Kensington, Pa.
Elite Pottery Co., Trenton, N. J.
Elite Vacuum Cleaner Mfg. Co., Kesner Bldg., Chicago, Ill.
Elitsac Mfg. Co., lumber mfrs., Castile, N. Y.
Elixman Paper Core Co., Inc., Corinth, N. Y.
Elizabeth City Brick Co., Elizabeth, N. C.
Elizabeth City Buggy Co., Elizabeth City, N. C.
Elizabeth City Iron Works & Supply Co., Elizabeth City, N. C.
Elizabeth Cornice Wks., Elizabeth, N. J.
Elizabeth Hardware Co., Elizabeth, N. J.
Elizabeth Iron Wks., Norfolk, Va.
Elizabeth Mach. & Iron Wks., castings, Elizabeth, N. J.
Elizabeth Mfg. Co., machinists, Elizabeth, N. J.
Elizabeth Mills, cotton thread, Hills Grove, R. I.
Elizabeth Sash, Door & Supply Co., Elizabeth, N. J.
Elizabeth Street Fndry., 5837 S. Elizabeth, Chicago, Ill.
Elizabethtown Gas Light Co., water, gas tar, Elizabeth, N. J.
Elizabethtown Milling Co., Elizabethtown, Ky.
Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.
Eljer Co., plumbers, Cameron, W. Va.
Elk Engng. Wks., machsts. & fndrs., St. Marys, Pa.
Elk Eve Milling Co., McConnellsville, Ohio.
Elk Fire Brick Co., St. Marys, Pa. *See adv. index at end of book.*
Elk Graphite Milling Co., St. Marys, Pa.
Elk Mfg. Co., terminals, 1926 B'way, New York.
Elk Ridge Coal & Coke Co., Northfolk, W. Va.
Elk River Mill & Lbr. Co., Falk, Cal.
Elk Tanning Co., machinists & founders, Ridgway, Pa.
Elkan, H., & Co., tallow, 10 W. Austin av, Chicago, Ill.
Elkan, M. M., contractor, Macon, Ga.
Elkhart Brass Mfg. Co., machinists & founders, Elkhart, Ind.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Elkhart Carriage & Motor Car Co., Elkhart, Ind.
Elkhart Fdry. & Mach. Co., Elkhart, Ind.
Elkhart Hdwe. Mfg. Co., Elkhart, Ind.
Elkhart Iron Wks., machinists, Elkhart, Ind.
Elkhart Junk Co., scrap iron, Elkhart, Ind.
Elkhart Mfg. Co., gas ignitors, Monroe, Mich.
Elkhart Rubber Works, plumbers' rubber goods, etc., Elkhart, Ind.
Elkhart Stamping & Tool Co., Montpelier, Ohio.
Elkhorn Coal Corp., Bankers Tr. bldg, New York.
Elkhoff, John, contractor, Grand Forks, N. D.
Elkhorn Piney Coal Mining Co., 425 E. Water, Milwaukee, Wis.
Elkhorn Lumber Co., Elkhorn, Wis.
Elkhorn Mill Co., lbr., Bluecreek, Wash.
Elkin Buggy Co., carriages, Elkin, N. C.
Elkin Canning Co., Elkin, N. C.
Elkin Roller Mills, Elkin, N. C.
Elkin Veneer & Mfg. Co., Elkin, N. C.
Elkins Box Co., Elkin, N. C.
Elkins Brick Co., common, Elkins, W. Va.
Elkins Fndry. & Mach. Co., Elkins, W. Va.
Elkins Milling Co., flour, Elkins, W. Va.
Elkins Refrigerator & Fixt. Co., Elkins, W. Va.
Elkinton, P. P., architect, Toms River, N. J.
Elkus Co., umbrellas, 729 Mission, San Francisco, Cal.
Ella Mfg. Co., cotton sheeting, Shelby, N. C.
Ellanam Adjustable Dress Form Co., 380 Throop av, Brooklyn, N. Y.
Ellard, W. B., masons' & bldrs.' matls., Cornelia, Ga.
Ellaville Guano Co., Ellaville, Ga.
Ellbacher, Chas., contractor, Elizabeth, N. J.
Elledge, M. M., Lbr. Co., Corinth, Miss.
Elledge & Norman Marble Co., Columbus, Ga.
Ellenberger & MacNeal, lumber, Towanda, Pa.
Ellensburg Lbr. Co., Ellensburgh, Wash.
Ellenton Fertilizer Co., Ellenton, S. C.
Eller, A. J., flour mills, Hillsdale, Tenn.
Eller, Chas., machst. & fndr., Fort Scott, Kan.
Eller Mfg. Co., steel roofing, etc., Canton, Ohio.
Ellerbe, F. H., architect, Endicott Bldg., St. Paul, Minn.
Ellerbe, Round & Moore, architect, Eau Claire, Wis.
Ellerman, E., Aug., architect, 4201 Magnolia av, St. Louis, Mo.
Ellerman & McLean, contrs., Yankton, S. Dak.
Ellers, H. P., Mfg. Co., nut tapping machs., Cleveland, Ohio.
Ellert, C. H., belt dressing, cements, mops, Evansville, Ind.
Ellert & Lahr, architects, World-Herald bldg, Omaha, Neb.
Ellery, Jos. E., wall pockets, 381 4th av, New York.
Ellery Knitting Mills, sweaters, cardigans, etc., 251 Stockton, Brooklyn, N. Y.
Ellfeldt Hdwe. & Machsts.' Supply Co., 1219 McGee, Kansas City, Mo.
Ellicott Brick Co., Jewettville, N. Y.
Ellicott Machine Co., hydraulic dredge mfrs., 1111 Bush, Baltimore, Md. *See adv index at end of book.*
Ellicottville Milling Co., lumber mfrs., Ellicottville, N. Y.
Ellin, Kitson & Co., carvers, arch'l modelers, marble interior wk., Madison av & 34th, New York.
Ellinger, Geo. E., architect, Havre, Mont.
Ellingson, E., machst., Canton, S. D.
Ellingson Lumber Co., Hawkins, Wis.
Ellington Elec. Co., storage battery charging sets, Quincy, Ill.
Ellington & Guy, lumber mfrs., 611 Times Dispatch Bldg., Richmond, Va.
Ellington Piano Co., Eden Park Entrance, Cincinnati, Ohio.
Ellingwood Turning Co., pike poles, West Paris, Me.
Elliot, F., & Co., knitted gloves, Waltham, Mass.
Elliot Woodworker Co., see Woodworker Mfg. Co. (successor).
Elliott Addressing Machine Co., 114H Sansome, San Francisco, Calif.
Elliott, B. K., Co., machsts. & fdrs. & power accessories, 126 6th, Pittsburgh, Pa.
Elliott & Barry Engng. Co., heating contrs., 1426H Olive, St. Louis, Mo.
Elliott Bay Dry Dock Co., Seattle, Wash.
Elliott, Ben. C., architect, Mexico, Mo.
Elliott, Blair Steel Co., New Castle, Pa.
Elliott Bros., machsts. & fndrs., Sacramento, Cal.
Elliott Cedar River Gravel Co., sand dlrs., Seattle, Wash.
Elliott Co., addressing machy., 143 Albany, Cambridge, Mass.
Elliott Co., machsts. & fndrs. & power accessories, 126 6th, Pittsburgh, Pa. *See adv index at end of book*
Elliott & Co., meat packers, Duluth, Minn.
Elliott Contracting Co., McKay Bldg., Portland, Ore.
Elliott, D. J., machst. & fndr., Monte Vista, Colo.
Elliott, D. J., & Son, canned goods, Salisbury, Md.
Elliott, E. A., ladders, Rumney, N. H.
Elliott Elec. Co., vacuum cleaners, 813 Superior av, Cleveland, Ohio.
Elliott-Fisher Co., adding, billing & bookkeeping mach., Harrisburg, Pa.
Elliott Fndry. & Mach. Wks., 1921 S. Fairfield av, Chicago, Ill.
Elliott Frog & Switch Co., 301 S. Main, E. St. Louis, Ill.
Elliott, G. W., & Co., machsts., De Smet, S. D.
Elliott & Hall, cloth folders, Worcester, Mass.
Elliott & Harman Engng. Co., htg. engnrs., 144 Fredonia av, Peoria, Ill.
Elliott, Hayden, & Co., masons' & bldrs.' matls., La Salle, Ill.
Elliott, J. & W. A., Co., contractors, Lumber Exchange, Minneapolis, Minn.
Elliott, J. Wilkinson, landscape architect, 336 4th av, Pittsburgh, Pa.
Elliott, Jno., arch'l iron, 356 Pearl, New York.
Elliott Mach. Co., Calais, Me.
Elliott Mach. Co., Grand Rapids, Mich.
Elliott & Reid Co., fence machs., Richmond, Ind.
Elliott, S. B., architect, Sherman, Texas.
Elliott Service Co., elec. illuminated signs, 141 W. 36th, N. Y.
Elliott, T. Albert, contractors, 625 Onondaga av, Syracuse, N. Y.
Elliott-Thompson Electric Co., armature & field coils, Ajax Bldg., Cleveland, Ohio.
Elliott Varnish Co., 1013 S. Kolmar av, Chicago, Ill.
Elliott-Wean Lbr. Co., Toledo, Ohio.
Elliott, Wm. J., contractor, Coatesville, Pa.
Ellis, A. Raymond, architect, 36 Pearl, Hartford, Conn.
Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.
Ellis Bros., masons' & bldrs.' matls., Kokomo, Ind.
Ellis, C. C., architect, Lorain, Ohio.
Ellis, C. R., architect, Macon, Ga.
Ellis Canning Co., Brant, N. Y.
Ellis Carriage Works, Kingston, N. C
Ellis, Chas. H., & Son, insecticides, Port Chester, N. Y.
Ellis, Clark & Sons, mill & facty. supplies, Milford, Mass.
Ellis & Cummings Oil Wks., Reading, Pa.
Ellis Drier & Elevator Co., drying mach., 140 W. Van Buren, Chicago, Ill.
Ellis, E. R., brick, Coatesville, Ind.
Ellis, E. W., Lumber Co., Grand Rapids, Mich.
Ellis Elec. Sign Co., signs, Denver, Col.
Ellis Flour Mills, Farmington, N. C.
Ellis & Ford Mfg. Co., chain pipe vises, pipe cutter wheels, Detroit, Mich.
Ellis, Frank M., architect, 231 S. Oak Park av, Oak Park, Ill.
Ellis, Frank Otis, lamp eye shields, Sandwich, Mass.
Ellis, Geo. D., & Sons Co., machsts. & fndrs., 309 N. 3d, Philadelphia, Pa.
Ellis, J. B., flour, Kittrell, N. C.
Ellis, J. Lewis, architect, Marion, Ohio.
Ellis, Jno. E., contractors, Troy, N. Y.
Ellis, John S., sweaters, 5241 Wakefield Gtn., Philadelphia, Pa.
Ellis Keystone Agricultural Wks., Pottstown, Pa.
Ellis, L. P., & Son, lbr., Orrville, Ala.
Ellis, L. R., contractor, Central Bldg., Seattle, Wash.
Ellis Mfg. Co., can openers, sheet metal stamping, etc., Milldale, Conn.
Ellis, R. E., Engng. Co., production mach. & tools, 621 Wash'n blvd, Chicago, Ill.
Ellis, R. S., flour mill, Steprock, Ark.
Ellis & Smith, broom & wood handles, Bleecker, N. Y.
Ellis, Sol., plbrs. supps., 2114 S. State, Chicago, Ill.
Ellis, T. M., & Co., flour mills, Russellville, Ky.
Ellis Time Stamp Co., 229 W. Ill., Chicago, Ill.
Ellis, W. H., & Son Co., dock bldrs. & contractors, 479 Meridian, Boston, Mass.
Ellis, Walter, sashes, doors & blinds, Stockport, Ohio.
Ellis, Wm. C., & Sons Iron Wks., agricultural implements, Memphis, Tenn.
Ellis, Wm. H., contractor, 344 N. 4th, Philadelphia, Pa.
Ellison Brass Mfg. Co., furniture trimmings, etc., Jamestown, N. Y.
Ellison Bros., machsts., 2213 Bridge, Fkd., Philadelphia, Pa.
Ellison & Co., htg. contrs., 211 E. 126th, New York.

Ellison Construction Co., 60 Prospect, Hartford, Conn.
Ellison Furn. & Carpet Co., Dept. H, Fort Worth, Texas.
Ellison, Lewis M., calorimeters, 214 W. Kinzie, Chicago, Ill.
Ellison, Wm., & Sons Mfg. Co., machsts., St. Louis, Mo.
Elliston Lime Co., Elliston, Montana.
Ell-Kay Mfg. Co., heaters, asphalt, etc., Kansas City, Mo.
Ellms, H. E., & Co., sash, door & blind, 22 Washington, N. Boston, Mass.
Ells, Irving B., architect, 47 W. 34th, New York.
Ellsworth Brass Fdry. Co., Bridgeport, Conn.
Ellsworth Collieries Co., bituminous, Lackawanna, N. Y.
Ellsworth & Filley, canned goods, Windsor, Conn.
Ellsworth Fndry. & Mach. Wks., Ellsworth, Me.
Ellsworth Hardwood Co., toys, games & nov., Ellsworth, Me.
Ellsworth, J. E., contractor, Elreno, Okla.
Ellsworth, M. D., & Co., lumber, Tavera, Wis.
Ellsworth, S. P., machsts., 40 S. 8th, Brooklyn, N. Y.
Ellsworth Stone Co., Iowa Falls, Ia.
Ellsworth & Thayer Mfg. Co., auto. gloves, 338 B'way, Milwaukee, Wis.
Ellsworth Woolen Mill, blankets, Ellsworth, Me.
Ellwood City Forge Co., Ellwood City, Pa.
Ellwood City Iron & Wire Co., Ellwood City, Pa.
Ellwood Foundry Co., Ellwood City, Pa.
Ellwood Stone Co., producers, House Bldg., Pittsburgh, Pa.
Elm City Cornice Wks., New Haven, Conn.
Elm City Cotton Mills, La Grange, Ga.
Elm City Lbr. Co., Newbern, N. C.
Elm City Mfg. Co., see Schneider, A. L., Co. (successors).
Elm Grove Milling Co., flour, Elm Grove, W. Va.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Elmer, H. M., contractor, 1593 Portland av, St. Paul, Minn.
Elmer & Moody Co., sash, door & blind mfrs., Seattle, Wash.
Emery, Chas. W., vacuum cleaners, 2036 N. 13th, Phila., Pa.
Elmes, Chas. F. Engineering Works, hydraulic machinery, pumps, accumulators, cor. Fulton & Sangamon, Chicago, Ill.
See adv. index at end of book.
Elmhurst-Chicago Stone Co., Elmhurst, Ill.
Elmira Arms Co., whol. sporting gds., Elmira, N. Y.
Elmira Boiler & Iron Wks., Elmira, N. Y.
Elmira Casket Co., Elmira, N. Y.
Elmira Commercial Motor Car Co., Owego, N. Y.
Elmira Cotton Mills Co., Burlington, N. C.
Elmira Fdry. Co., Elmira, N. Y.
Elmira Knitting Mills, Elmira, N. Y.
Elmira Storage & Supply Co., mill & facty. supp., Elmira, N. Y.
Elmire Lbr. Co., Elmire, Ore.
Elmore, G. H., centrifugal pumps, chem. engnr. & dryers, Colonial Trust bldg., Phila., Pa.
Elmore Ginning & Fertilizer Co., Laurinburg, N. C.
Elmore Milling Co., flour, Oneonta, N. Y.
Elmore Packing Co., Astoria, Ore.
Elmore Tool Mfg. Co., auger bits, Hartford, Conn.
Elmore Veneer Co., Conneaut, Ohio.
Elmore, Walter D., metal babbitt, Bessemer Bldg., Pittsburgh, Pa.
Elms, Jas., mill & facty. supplies, Auburn, Me.
Elmslie, Geo. C., architect, 122 S. Michigan av, Chicago, Ill.
Elmwood Box Co., 87 Willard av, Providence, R. I.
Elmwood Button Co., Bridgeport, Conn.
Elmwood Castings Co., Murray rd, Cincinnati, Ohio.
Elmwood Mills, shoe laces, Daboll, Providence, R. I.
Elnora Packing Co., Elnora, Ind.
El-Oso Asphalt Co., contrs., Victoria Bldg., St. Louis, Mo.
El Paso Brick Co., El Paso, Tex.
El Paso Bridge & Iron Co., El Paso, Tex.
El Paso Foundry & Machine Co., El Paso, Tex.
El Paso Gas Co., water-gas, tar, El Paso, Tex.
El Paso Grain & Milling Co., flour, El Paso, Tex.
El Paso Ice & Refrigerator Co., stone (crushed), El Paso, Tex.
El Paso Lumber Co., El Paso, Tex.
El Paso Sash & Door Co., El Paso, Tex.
El Reno Foundry & Machine Co., El Reno, Okla.
Elsberry Bros. & Miller, lbr., Mayo, Fla.
Elsemore & Jachos., contrs., Eureka, Cal.
Elsenhans Mach. Wks., 899 Main, Buffalo, N. Y.
Elsesser, Michael, machsts., ft Court, Brooklyn, N. Y.
Elsey Canning Co., Elsey, Mo.
Elsey, G. E., Carriage Co., Springfield, Mo.
Elsinghorst, John H., cornices, 574 Mich., Buffalo, N. Y.
Elsinore Paper Co., 131 W. 24th, New York.
Elsmere Granite Co., 1752 N. Spaulding Av., Chicago, Ill.
Elsmere Hdwe. Co., who. hdwe., Lexington Pike, Erlanger, Cincinnati, Ohio.
Elsner, C. C., mill & facty. supps., Harvey, Ill.
Elsner, G. W., canned goods, Aberdeen, Md.
Elson & Brewer, oils, 20 Gold, New York.
Elson Williams Construction Co., 830 Hennepin av, Minneapolis, Minn.
Elston Tel. & Mfg. Co., Muscoda, Wis.
Elterich, Chas., Co., machsts., 180 Lafayette, New York.
Elto Outboard Motor Co., 62 Mason, Milwaukee, Wis.
Elton Lbr. Co., Hutchinson, La.
Elux Miniature Lamp, Division of G. E. Co., 6 E. 39th, N. Y.
Elvin, Frank F., architect, 182 State, Springfield, Mass.
Elway Miller Co., heating contractors, Aberdeen, Wash.
Elwell, B. F., Glue Co., Rockport, Mass.
Elwell, C. A., seines & fish nets, Gloucester, Mass.
Elwell, H. F., Iron Wks., Springfield, Mass.
Elwell-Parker Electric Co., electric industrial & factory trucks, 4223 St. Clair av, Cleveland, Ohio.
Elwood, C. C., architect, Elkhart, Ind.
Edwood Fdry., grey iron castings, Elwood, Ind.
Elwood Lawn Mower Mfg. Co., Elwood, Ind.
Elwood Myers Co., advtg. spec., Springfield, Ohio.
Elwood, Robt., architect, New Canaan, Conn.
Elworthy, Helwick, Co., contractors, Wimson Bldg., Cleveland, O.
Ely, C. Upham, nickel anodes, 50 Vesey, New York.
Ely, Chas. H., architect, Sharon, Mass.
Ely Constr. Co., Augusta, Ga.
Ely, E. C., Co., machsts. & fndrs., Leona, Pa.
Ely, Ethelbert, assayer, Dover, N. J.
Ely, J. H. & W. C., architects, Fireman Bldg., Newark, N. J.
Ely Lumber Co., sash, door & blind, Holyoke, Mass.
Ely, Theo. J. Mfg. Co., wood handles, carpet beaters, etc., Girard, Pa.
Ely & Williams Co., cans, boxes, 257 B'way, New York.

Elyria Belting & Machinery Co., second-hand mach., etc., Elyria, Ohio.
Elyria Canning Co., Elyria, Ohio.
Elyria Concrete Co., masons' & bldrs.' matls., Elyria, Ohio.
Elyria Constr. Co., Elyria, Ohio.
Elyria Enameled Products Co., chemical apparatus, stills, tanks, etc., Elyria, Ohio.
Elyria Foundry Co., Elyria, Ohio.
Elyria Hdwe. Co., Elyria, Ohio.
Elyria Iron & Steel Co., 232 E. 131st, Cleveland, Ohio.
Elyria Mach. Co., rubber mill machy., Elyria, Ohio.
Elyria National Rubber Heel Co., Elyria, O.
Elzner & Anderson, architects, Citizens' Nat'l Bk. bldg., Cincinnati, Ohio.
Emack, John D., Co., rfg. slate mfrs., 112 S. 16th, Philadelphia, Pa.
Emanuel & Co., slag products, Catasauqua, Pa.
Emanuel Farm Co., lumber, Savannah, Ga.
Embalmers' Supply Co., disinfectants, Westport, Conn.
Embalming Burial Case Co., Burlington, Ia.
Embankment Co., contrs., Joliet, Ill.
Emblem Mfg. Co., machinists, Angola, N. Y.
Embossing Co., toys, Albany, N. Y.
Embree Co., paper doilies, Buena Vista, Va.
Embree Elevator & Millwright Co., Lynn, Mass.
Embroidery Hoop Co., Canton, Ohio.
Embry Box Co., Louisville, Ky.
Embury, Aymar 2d, architect, 132 Madison av, New York.
Embury Mfg. Co., lanterns, Warsaw, N. Y.
Embury-Martin Lumber Co., Cheboygan, Mich.
Em-Em Selling Co., portable benches, 422 E. 16th, New York.
Emenar Co., self-fluxing solder, 55 Liberty, New York.
Emerson, A. C., & Co., masons' & bldrs.' matls., Warrensburg, N. Y.
Emerson Apparatus Co., calorimeters, 251 Causeway, Boston, Mass.
Emerson-Brantingham Co., farm machy., buggies, tractors, wagons, etc., Rockford, Ill.
Emerson-Brantingham Co., lbr., Waynesboro, Pa.
Emerson Co., engineers, 30 Church, New York.
Emerson & Co., granite, Lancaster, N. H.
Emerson Dry Kiln Co., Flatiron Bldg., New York.
Emerson Elec. Mfg. Co., elec. disc. fans, 2024 Washington av, St. Louis, Mo.
Emerson, F. M., Co., contractors, 1570 Stowell av, Milwaukee, Wis.
Emerson, Frank N., architect, Peoria Life Bldg., Peoria, Ill.
Emerson & Germain, contrs., Pittsfield, Mass.
Emerson Hardwood Lbr. Co., Portland, Ore.
Emerson Mfg. Co., machinists, Lawrence, Mass.
Emerson & Norris Co., artificial bldg. stone, Boston, Mass.
Emerson Paper Co., adding mach. rolls, Sunapee, N. H.
Emerson Phonograph Co., talking machines, 3 W. 35th, New York.
Emerson Piano Co., 560 Harrison av, Boston, Mass.
Emerson Pump & Valve Co., foot valves, etc., Alexandria, Va.
Emerson, Sam'l W., Co., contractors, foot of Addison rd, Cleveland, Ohio.
Emerson, Smith & Co. (Ltd.), grinders, saws, tools, etc., Beaver Falls, Pa.
Emerson Steam Pump Co., see Emerson Pump & Valve Co. (successors).
Emerson & Stevens Mfg. Co., machinists & founders, Oakland, Me.
Emerson, Wm., architect, 597 5th av, New York.
Emerson & Bailey, granite, Lancaster, N. H.
Emery, Chas. W., elec. contr., Greenwich, Conn.
EMERY CANDLE CO., 115 E. 4th, Cincinnati, O.
Emery, Chas. W., & Sons, vacuum cleaners & electric blowers, 1304 Diamond, Phila., Pa.
Emery, Geo. D., Co., lbr., 220 11th av, New York.
Emery Hardware Co., Bradford, Pa.
Emery, Hy. G., architect, Bible House, New York, & Nyack, N. Y.
Emery, J. Paul, contractor, 4907 Wynnefield, Philadelphia, Pa.
Emery, L., Jr., oil well supplies, Bradford, Pa.
Emery Lumber & Coal Co., Williamsport, Pa.
Emery, M. L. & H. G., architects, 1 Clinton sq., Albany, N. Y.
Emery Mfg. Co., oils, etc., Bradford, Pa.
Emery, Marshall L., architect, Bible House, New York.
Emery & Nelson, Inc., lumber, Napavine, Wash.
Emery, Thompson, Machy. & Supply Co., 235 E. 41st, New York.
Emery, V. J., machinists, Quincy, Mass.
Emery, W. N., & Son, machinists & founders, Franklin, Pa.
Emery-Waterhouse Co., whol. hdwe., mill & facty. supplies, 143 Middle, Portland, Me.
Emery, Wm. S., seats, 118 E. 28th, New York.
Emich Box & Lbr. Co., Norfolk, Va.
Emig & Barth, mill & supplies, Dept. H, Geneva, N. Y.
Emig & Hatmaker, see Emig & Barth (successor).
Emigh-Winkell Hdwe. Co., whol., Sacramento, Cal.
Emigsville Quarry Co., lime mfrs., Emigsville, Pa.
Eminence Milling Co., Eminence, Ky.
Emio Mfg. Co., auto accessories, 1 Starr av, Binghampton, N. Y.
Emlenton Milling Co., Ltd., flour, Emlenton, Pa.
Emlenton Refining Co., lubrg. oils., Emlenton, Pa.
Emmart Packing Co., 5425 S. State, Chicago, Ill.
Emmart, Wm. W., architect, Union Trust bldg., Baltimore, Md.
Emmel, Chas. & Rose, Co. archl. modelers, 383 Albany, Boston, Mass.
Emmel Co., classic wood carvers, 81 Bristol, Boston, Mass.
Emmelman Bros. Mfg. Co., gasoline blow torches, Indianapolis, Ind.
Emmens & Abbott, architects, Stamford, Conn.
Emmer Products Co., prepared cereals, Denver, Colo.
Emmerich, Fred'k, machinist, 365 Flushing av, Brooklyn, N. Y.
Emmers Cornice Co., 1007 B'way, Cincinnati, Ohio.
Emmert Hdwe. Co., Hagerstown, Md.
Emmert Mfg. Co., draughting appliances, Waynesboro, Pa.
Emmitt, Albert, contrs., Ossining, N. Y.
Emmons Bros., mattresses, Meridian, Miss.
Emmons Coal Mining Co. of W. Va., Land Title Bldg., Phila., Pa.
Emmons Collins Mach. Co., air moistening machy. & humidifiers, Dept. H, Western Springs, Ill.
Emmons, E. G., scythe rifles, West Morris, Conn.
Emmons, Hawkins Hardware Co., Huntington, W Va.
Emmons Loom Harness Co., Lawrence, Mass.
Emory & Eisenbrey, mill & chemical engrs., Harrison Bldg., Philadelphia, Pa.
Emory, P. P., Mfg. Co., founders, Springfield, Mass.

Emory River Lbr. Co., Lansing, Tenn.
Emory, Robt. J., Co., machinists, 27 Runyon, Newark, N. J.
Emory & Webb, architect, Honolulu, Hawaii.
Emory, Wm. H., Jr., architect, Munsey Bldg., Baltimore, Md.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Empire Automobile Co., S. W. cor. Capitol & Michigan, Indianapolis, Ind.
Empire Axle Co., axle bldrs. for motor trucks, Dunkirk, N. Y.
Empire Bending Works, rim, shafts & bows, mfrs., Lancaster, Pa.
Empire Blower & Pipe Co., Rochester, N. Y.
Empire Braid Wks., 413 W. B'way, New York.
Empire Brass Co., 329 E. 26th, New York.
Empire Brass fdy., Binghamton, N. Y.
Empire Brass Mfg. Co., 10301 Berea Rd., Cleveland, Ohio.
Empire Brass & Metal Wks., 29 W. 34th, New York.
Empire Brass Works, 824 Fulton, Chicago, Ill.
Empire Brick & Supply Co., masons' & bldrs.' matls., 103 Park av, New York.
Empire Brush Wks., mach. brushes, 1311 N. Robey, Chicago, Ill.
Empire Buggy Co., Jackson, Ga.
Empire Button Mold Mfg. Co., 722 E. 11th, New York.
Empire Carbon Wks., 415 Locust, St. Louis, Mo.
Empire China Wks., porcelain spec., 156 Greene, Bklyn., N. Y.
Empire City-Gerard Co., sash, door & blind mfrs., 265 Greenpoint av, Brooklyn, N. Y.
Empire City Pearl Button Wks., 10th, Long Island City, N. Y.
Empire Coal & Coke Co., masons' & bldrs.' matls., Rock Island, Ill.
Empire Coarse Salt Co., Syracuse, N. Y.
Empire Coke Co., Geneva, N. Y.
Empire Co., bread boards, North Girard, Pa.
Empire Cotton Oil Co., Atlanta, Ga.
Empire Couch Co., Dept. H, Medina, N. Y.
Empire Cream Separator Co., machinists, Bloomfield, N. J.
Empire Cut Glass Co., Flemington, N. J.
Empire Electric & Mfg. Co., eyelets, ferrules & spec. elect'l goods, Plainville, Conn.
Empire Elec. Sign Co., 162 E. 118th, New York.
Empire Engineering Co., Inc., contrs., 6 Church, New York.
Empire Feather Duster Co., 203 Centre, New York.
Empire Foundry Co., Oakland, Cal.
Empire Foundry Co., Syracuse, N. Y.
Empire Fringe Co., 909 Faile, New York.
Empire Furn. Co., Dept. H, Brownwood, Texas.
Empire Furn. Co., Dept. H, Huntington, W. Va.
Empire Furn. Mfg. Co., 1671½H E. 37th, Los Angeles, Calif.
Empire Galvanizing Co., 2507 E. Cumberland, Philadelphia, Pa.
Empire Glass Co., Smethport, Pa.
Empire Grate Co., Chester, Pa.
Empire Guano Co., fertilizer mfrs., New Albany, Ind.
Empire Gypsum Co., wall plaster mfrs., Cutler Bldg., Rochester, N. Y.
Empire Hdwe. Co., 274 West B'way, New York.
Empire Implement Mfg. Co., grinders, Albany, N. Y.
Empire Ivory Button Wks., 826 B'way, New York.
Empire Knife Co., Winsted, Conn.
Empire Knitting Mills, sweaters, 1701 N. Ashland, Chicago, Ill.
Empire Knitting Mills, sweaters, etc., 236 Bank, Newark, N. J.
Empire Knitting Wks., sweaters, cardigans, etc., 10 Varet, Brooklyn, N. Y.
Empire Laboratory Supply Co., Inc., 405 Lexington av, New York.
Empire Laboratory Supply Co., 411 Lexington av, New York.
Empire Ladder & Pole Co., 154 1st, Newark, N. J.
Empire Laundry Machy. Co., 352 Western av, Boston, Mass.
Empire Lighting fixture Co., 224 Centre, New York.
Empire Lime Kilns, Bellefonte, Pa.
Empire Lime & Stone Co., Milwaukee, Wis.
Empire Limestone Co., 19 Hudson, Buffalo, N. Y.
Empire Lbr. Co., see Elliott-Wean Lbr. Co. (successors).
Empire Mach. Co., Corning, N. Y.
Empire Mach. & Stamping Co., 59 Terrace, Buffalo, N. Y.
Empire Mach. Wks., Berry, Brooklyn, N. Y.
Empire Mach. Wks., machinists, Mount Morris, N. Y.
Empire Machinery & Supply Corp., mill & facty. supplies, Norfolk, Va.
Empire Mfg. Co., furniture, Dept. H, Rockford, Ill.
Empire Mfg. Co., metal wheels, etc., Quincy, Ill.
Empire Mfg. Co., belting, hose, rubber goods, etc., Lockport, N. Y.
Empire Mfg. Co., hard fibre, 26th & Tatnell, Wilmington, Del.
Empire Mfg. Co., packing box mfrs., Goldsboro, N. C.
Empire Mattress Co., 2231 W. Madison, Chicago, Ill.
Empire Metal Co., Syracuse, N. Y.
Empire Metal Tank Wks., East, Rochester, N. Y.
Empire Mills Co., flour, Columbus, Ga.
Empire Nickel Plating Wks., Troy, N. Y.
Empire Nov. Co., badges & buttons, 3546 5th av, Chicago, Ill.
Empire Oil Works, oil refining, Oil City, Pa.
Empire Optical Co., Rochester, N. Y.
Empire Ornamental Glass Co., 437 Washington, New York.
Empire Paper Co., Ithaca, N. Y.
Empire Paper Tube & Box Co., 155 Bk., New York.
Empire Pipe Bending & Supply Co., see Empire Pipe Corp. (successors).
Empire Pipe Corp., mill & facty. supps., 253 Park av, Brooklyn, N. Y.
Empire Plow Co., agricultural implement mfrs., 3140 E. 65th, Cleveland, Ohio.
Empire Polishing Co., S. Quincy, Quincy, Mass.
Empire Provision & Beef Co., 247 Lewis, Buffalo, N. Y.
Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas, New Orleans, La.
Empire Refineries, Inc., gasoline, hub oils, etc., Bartlesville, Okla.
Empire Roller Fifth Wheel Wks., Quincy, Ill.
Empire Rolling Mill Co., Bessemer & C. & P. Ry, Cleveland, O.
Empire Rubber Co., 126 W. 22d, New York.
Empire Sash & Dooor Co., Friendship, N. Y.
Empire Smelting Co., Depew, N. Y.
Empire Soap Co., 203 W. B'way, New York.
Empire Spring Bed Wks., Elmira, N. Y.
Empire State Bag Co., 760 Wythe av, Brooklyn, N. Y.
Empire State Canning Co., Rome, N. Y.
Empire State Chemical Co., Athens, Ga.
Empire State Pickling Co., canned goods, Phelps, N. Y.
Empire State Silk Label Co., 218 Tyler, West New Brighton, N. Y.
Empire Steel & Iron Co., blast furnaces, Catasauqua, Pa.

Empire Stone Co., Bloomington, Ind.
Empire Tile Co., 5120 Sweeney, Cleveland, O.
Empire Tin Ware Co., ash, garbage, paint & varnish cans, etc., 29 S. 5th, Brooklyn, N. Y.
Empire Tire & Rubber Corp., Trenton, N. J.
Empire Transformer Co., elec. bells, irons, toasters, etc., 4642 Ravenwood av, Chicago, Ill.
Empire Tube & Steel Corp., tubing, College Point, N. Y.
Empire Varnish Co., 2638 E. 76th, Cleveland, Ohio.
Empire Wall Plaster Co., Utica, N. Y.
Empire Weaving & Belting Corp., solid woven belting & webbings, East Rochester, N. Y.
Empire Wheel Wks., auto. wheel pullers, Utica, N. Y.
Empire Wood Type Co., 31 Ferry, New York.
Empire Zinc Co., Denver, Colo.
Empkie-Shugart-Hill Co., wholesale hardware, Council Bluffs, Ia.
Employees' Indemnity Co. of Philadelphia, steam boiler insurance, 331 Walnut, Philadelphia, Pa.
Employers' Liability Assurance Corp. (Ltd.), insurance, 33 Broad, Boston, Mass.
Emporia Lumber & Coal Co., masons' & bldrs.' matls., Emporia, Kan.
Emporia Machine Co., Emporia, Va.
Emporium Forestry Co., lbr., Utica, N. Y.
Emporium Iron Co., blast furnaces, Emporium, Pa.
Emporium Lbr. Co., Utica, N. Y.
Emporium Machine Co., Emporium, Pa.
Emporium Milling Co., flour, Emporium, Pa.
Empson Packing Co., Longmont, Colo.
Emrath, Louis, machinist, 4236 N. Ashland av, Chicago, Ill.
Emrich, C., stove mfr., 371 S. High, Columbus, Ohio.
Emrich Furn. Co., 324H W. Morris, Indianapolis, Ind.
Emrich, Phil., tanners' tools, 824 Main, Cincinnati, Ohio.
Emrick, A. E., agricultural implements, Germantown, Ohio.
Emsley, John W., bags, burlaps, Adams & Emerald, Phila., Pa.
Emswiler, L. A., contractor, Cliftonforge, Va.
Enamel Products Co., Eddy rd. & Taft av, Cleveland, Ohio.
ENAMELED IRON SIGN CO., 18 W. 36th, New York.
Enameled Metals Co., interior conduits, 61 Bridge, Pittsb'g, Pa.
Enameled Steel Sign Co., 180 N. State, Chicago, Ill. *See adv. index at end of book.*
Endacott A., architect, Tulsa, Okla.
Enderes, Inc., punches, knives, chisels, etc., Albert Lea, Minn.
Enders, O., architect, Wright bldg, St. Louis, Mo.
Enders, P., & Son, contractors, Rochester, N. Y.
Enders Sales Co., safety razor mfrs., 17 Battery pl, New York.
Endicott Forging & Mfg. Co., Endicott, N. Y.
Endicott-Hammond Co., mill & facty. supps., 50 West, New York.
Endicott-Johnson & Co., fibre & leather boards, Endicott, N. Y.
Endner Lbr. Co., Gunnison, Colo.
End-Oxy Appliance Co., welding app., 29 N. Willow, Trenton, N. J.
Endres, H. W., landscape architect, Syndicate Tr. Bldg., St. Louis, Mo.
Endres, J. A., & Son, cornices & skylights, Leavenworth, Kan.
Endresen Spar & Timber Co., masts & spars, Hoquiam, Wash.
Endress & Watkin, architects, Littlefield Bldg., Austin, Tex.
Endsley, J. W., insulator pins, Somerfield, Pa.
Endura Mfg. Co., packing mfrs., 63d & Eastwick av, Phila., Pa.
Endurance Autoil Co., metal polish, Muncie, Ind.
Energine Refining & Mfg. Co., soap 242 Arcade, Cleveland, Ohio.
Energy Elevator Co., hand elevators, 214 New, Philadelphia, Pa.
Engberg Electric & Mechanical Works, dynamo & motor, St. Joseph, Mich.
Engel Bros., barrels, 1153 Center, Chicago, Ill.
Engel, G., & Bros., whol, hdwe., 301H Main, Norfolk, Va.
Engel Lbr. Co., Grand Rapids, Mich
Engle Mfg. Co., ball cocks, 143 Oneida, Syracuse, N. Y.
Engelberger, F. & W. V., Co., cornices, 159 Jeliff av, Newark, N. J.
Engelberg Huller Co., rice & coffee machinery, 831 W. Fayette, Syracuse, N. Y.
Engelhard, Chas., furnaces, chemical thermometers, etc., 30 Church, New York.
Engelhard, Frank, & Sons, copper floats, brass & bronze castings, 200 Franklin, Springfield, Mass.
Elgelhardt, C. P., architect, 905 B'way, Brooklyn, N. Y.
Engelhardt, Jno. W., Co., advtg. spec., 121 Carondelet, New Orleans, La.
Engelhardt, Theobald, brewery architect, 905 B'way, Bklyn., N. Y.
Engelhart Trunk Co., Cleveland, Ohio
Engeln & Co., coils, gas lighting sparks, 1904 Euclid, Cleveland, Ohio.
Engeln, M., & Son, machsts. & fndrs., McHenry, Ill.
Enger, Frank J., carriages, wagons, Marion & Dakota av, Avon, Cincinnati, Ohio.
Enger Motor Car Co., Cincinnati, Ohio.
Engerbretsen, John, contractor, San Diego, Cal.
Engine & Machinery Co., Canton, Ohio.
Engineer Co., mechanical draft, etc., 17 Battery pl, New York.
Engineering Agency, Monadnock Blk., Chicago, Ill.
Engineering Co., machinists, Ft. Wayne, Ind.
Engineering Co., milk condensing machy., steel tanks, etc., Fort Wayne, Ind.
Engineering Co. of Phila., Harrison Bldg., Philadelphia, Pa.
Engineering Const. Co., Scranton, Pa.
ENGINEERING & CONTRACTING, trade publication, 9 So. Clinton, Chicago, Ill. *See adv. index at end of book.*
Engng. & Fdy. Co., Stockton, Cal.
Engng. & Mining Journal, 10th av & 36th, New York.
Engineering News Record, trade publication, 10th av & 36th, New York. *See adv index at end of book.*
Engineering & Steam Supplies Co., Plymouth bldg, Minneapolis, Minn.
Engng. World, trade publications, Monadnock bldg, Chicago, Ill.
Engineering Wks., Van Buren, Ark.
Engineers Appliance Co., steam traps, valves, etc., Cleveland, O.
Engineers Corp., contrs., 43 Exchange pl, New York.
Engineers Equip. Co., mill & facty. supps., 4003 B'way, Chicago, Ill.
England Bros., flour mills, Springfield, Tenn.
England, S. B., cornices, Altoona, Pa.
England, Walton, & Co., leather belting, butts & harness, 3d & Vine, Philadelphia, Pa.
Englander Spring Bed Co., 88 35th, Brooklyn, N. Y.
Engle & Gohn, contractors, 50 Callahan av, Dayton, Ohio.
Englebert & Co., stone producers, Nashville, Tenn.
Englehardt, C. P., architect, 905 B'way, Brooklyn, N. Y.

Englehardt Piano Co., St. Johnsville, N. Y.
Englehart, Thos., contr., Eureka, Ga.
Engle's, Jno. S., Sons, masons' & bldrs.' matls., Hummelstown, Pa.
Englewood Chandelier Wks., 628 E. 63d, Chicago, Ill.
Englewood Desk Co., 58th & Lowe av, Chicago, Ill.
Englewood Sash & Door Co., 5935 Lowe av, Chicago, Ill.
Englis, Chas. M., ship bldrs., 34 Greenpoint, av, Brooklyn, N. Y.
Englis, Geo. H., contractor, White Plains, N. Y.
English Bros., contractors, Champaign, Ill.
English, C. R., Co., mill & facty. supplies, 167 Oliver, Boston, Mass.
English Canning & Mfg. Co., English, Ind.
English, Frank G., contractor, 1608 N. Carlisl, Philadelphia, Pa.
English Iron Wks. Co., boom swinging gears, Leeds, Mo.
English, Jno. J., cornices, Kenosha, Wis.
English Mfg. Co., wood pails & buckets., Antigo, Wis.
English & Mersick Co., lamps, hdwe, mfrs., Winchester av, New Haven, Conn.
English Mica Co., Insurance Bldg., Williamsport, Pa.
English & Miller Machy. Co., Majestic Bldg., Detroit, Mich.
English, R. W., Lumber Co., Denver, Colo.
English Tool & Supply Co., 408 W. 5th, Kansas City, Mo.
Engman-Matthews Range Co., South Bend, Ind.
Engravers' & Printers' Machy. Co., Sag Harbor, N. Y.
Eng.-Skell Co., essential oils, etc., extracts, syrups, colorings, 208 Mission, San Francisco, Cal.
Engstrom & Samuelson, contrs., Warren, Pa.
Enid Fdry. & Mach. Co., Enid, Okla.
Enid Milling Co., flour, Enid, Okla.
Enid Sash & Door Co., Enid, Okla.
Enid Vitrified Brick & Tile Co., Enid, Okla.
Enoch Mfg. Co., boxes, lunch, Mount Sterling, Ky.
Enochs Bros., lbr., Fernwood, Miss.
Enochs Lumber Co., Jackson, Tenn.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Enochs Yellow Pine Co., lumber, Jackson, Miss.
Enoree Mills, cotton sheetings, Greenville, S. C.
Enos Fire Escape Co., 522 N. Sangamon, Chicago, Ill.
Enos & Sanderson Co., whol. hdwe., 147 Bushnell, Buffalo, N. Y.
Enright, P. J., Co., cornices & skylights, Chicopee Falls, Mass.
Ensey, Orvis B., cornices, Indianapolis, Ind.
Ensign, Bickford, Co., blasting fuse, caps, etc., Simsbury, Conn.
Ensign Carburetor Co., Inc., 217 E. 17th, Los Angeles, Cal.
Ensign Cotton Mills, Forsyth, Ga.
Ensign, F. V., match safes, Elmira, N. Y.
Ensign Foundry Co., Toledo, Ohio.
Ensign, G. W., Inc., contractors, Harrisburg, Pa.
Ensign Mfg. Co., machsts. & fndrs., 19 brook, Fanueili, Boston, Mass.
Ensign Refining Co., lubricants, etc., 10703 Quebec av, S. E. Cleveland, O.
Ensinger Contr. Co., New Rochelle, N. Y
Ensley, G. W., cornices & skylights, Chariton, Ia.
Enslin, Franklin, & Co., cornices, Ashland, Mass.
Enstice Bros., contractors, 45 Clinton, Newark, N. J.
Ensworth, L. L., & Son, whol. hdwe., mill & facty. supplies, 344 Front, Hartford, Conn.
Entenman, A., sash, door & blind mfr., 669 73d, Brooklyn, N. Y.
Enterprise Aluminum Co., Massillon, Ohio.
Enterprise Art Glass Wks., Enterprise Bldg., Milwaukee, Wis.
Enterprise Bed Co., Hammond, Ind.
Enterprise Brass Fdry., machsts. & fndrs., Seattle, Wash.
Enterprise Brass Foundry Co., Tacoma, Wash.
Enterprise Brass & Plating Wks., 6th & Baymiller, Cincinnati, O.
Enterprise Brass Wks., machsts. & fndrs., Muskegon, Mich.
Enterprise Brick Co., Duluth, Minn.
Enterprise Brick Co., Mountainview, N. J.
Enterprise Brick Wks. Co., Kingsway & Oak Hill R. R. T'ks, St. Louis, Mo.
Enterprise Broom Works, 321 E. Grand av, Chicago, Ill.
Enterprise Carriage Wks., Piqua, Ohio.
Enterprise Coal Co., masons' & bldrs.' matls., East Liverpool, O.
Enterprise Coal & Supply Co., masons' & bldrs.' matls., Elizabeth, N. J.
Enterprise Co., agricultural implements, mill & facty. supplies, etc., Columbiana, Ohio.
Enterprise Contracting Co., dock bldrs., Bessemer Bldg., Pittsburgh, Pa.
Enterprise Cornice Wks., 759 N. Markol, Philadelphia, Pa.
Enterprise Cotton Mills, Enterprise, Ala.
Enterprise Cotton Oil Co., Enterprise, Ala.
Enterprise Cut Glass Co., Elmira Heights, N. Y.
Enterprise Electric Co., transformers, Warren, Ohio.
Enterprise Elec. Nov. Co., 107 Bleecker, New York.
Enterprise Elec. Supply Co., open batteries, Latrobe, Pa.
Enterprise Electric Works, 654 Mission, San Francisco, Cal.
Enterprise Fndry. Co., Auburn, N. Y.
Enterprise Foundry Co., castings, 6463 E. Warren av, Detroit, Mich.
Enterprise Fdry. Co., Kansas City, Mo.
Enterprise Foundry Co., Nixon & Manhattan, N. S., Pitts'bg, Pa.
Enterprise Fndry. Co., Rochester, N. Y.
Enterprise Fdry. Co., 20 Stewart, San Francisco, Cal.
Enterprise Fdry. & Mach. Co., Hattiesburg, Miss.
Enterprise Foundry & Machine Works, Bristol, Tenn.
Enterprise Garnetting Co., absorbent cotton, Cohoes, N. Y
Enterprise Hdwe. Mfg. Co., Frederick, Md.
Enterprise Iron & Fdry. Co., Fort Worth, Texas.
Enterprise Iron Wks., coal chutes & pumping jacks, Albert Lea, Minn.
Enterprise Iron Wks., fences, gates, posts, etc., Indianapolis, Ind.
Enterprise Lime & Ballast Co., Hyndman, Pa.
Enterprise Lumber Co., Ltd., Alexandria, La.
Enterprise Lbr Co., 677 Melish, Cincinnati, Ohio.
Enterprise Machinery Co., 1600 8th. Minneapolis, Minn.
Enterprise Mach. & Garage Co., Franklin, Ky.
Enterprise Machy. Co., Inc., punch & drill presses, 33-34 S. Clinton, Chicago, Ill.
Enterprise Mattress Co., 29 Beverly, Boston, Mass.
Enterprise Mfg Co., cotton sheeting, Augusta, Ga.
Enterprise Mfg. Co., sheet metal stampings, etc., 217 Ash, Akron, Ohio.
Enterprise Mfg. Co., grass catchers, hdwe. specialties, etc., 3d & Dauphin, Philadelphia, Pa.
Enterprise Mfg. & Cons. Co., gas ovens, 1706 Washington av, Kansas City, Mo.
Enterprise Mill Soap Wks., 2229 N. 12th, Philadelphia, Pa.
Enterprise Oil Co., 164 Chandler, Buffalo, N. Y.
Enterprise Optical Mfg. Co., 564 W. Randolph, Chicago, Ill.
Enterprise Paint Mfg. Co., 333 S. Peoria, Chicago, Ill.
Enterprise Paving & Constr. Co., 8444 B'way, S. E., Cleveland, Ohio.
Enterprise Planing Mill Co., Hillsboro, Ohio.
Enterprise Plumbing Supply Co., 10 E. Kinzie, Chicago, Ill.
Enterprise Rubber Co., mill & facty. supps., 284 Summer, Boston, Mass.
Enterprise Sand Co., Fulton Bldg., Pittsburgh, Pa.
Enterprise Soap Works, Nashville, Tenn.
Enterprise Steam & Hot Water Heating Co., 600 N. Howard, Baltimore, Md.
Enterprise Stone Co., contrs., Peoria, Ill.
Enterprise Tool & Metal Wks., 126 S. Clinton, Chicago, Ill.
Entin & Rubin, contractors, 1357 N. Rockwell, Chicago, Ill.
Entlich, Henry M., architect, 413 S. 5th, Brooklyn, N. Y.
Entorf Filter Co., Amboy, Ill.
Entrekin, J. H., masons' & bldrs.' matls., Greenfield, Ill.
Entress Brick Co., common, Bedford av & Duff Hill, Pittsb'h, Pa
Entwistle, T. C., Co., machsts., Lowell, Mass.
Enville Mill & Gin Co., flour, Enville, Tenn.
Enz Iron Fdry. Co., Denver, Colo.
Enzler, Jos. A., trunk mfrs., Dubuque, Iowa.
Epeneter, G. F., Cornice Wks., Omaha, Neb.
Ephraim Sanitary Canning Co., Ephraim, Utah.
Ephrata Fdry & Mach. Wks., Ephrata, Pa.
Ephrata Stove Works, Ephrata, Pa.
Epling, Emery, architect, Lewiston, Idaho.
Eppelsheimer & Co., bakers' molds, 34 Hubert, New York.
Epping-Carpenter Pump Co., deep well, ft. 43d, Pittsburgh, Pa.
Eppinger & Russell Co., lbr., etc., 165 B'way, New York.
Eppler's, Jno., Mach. Wks., 629 Filbert, Philadelphia, Pa.
Epps, Orlo, architect, Oneonta, N. Y.
Epstein, Sam'l (Inc.), auto tops, 109 8th av, New York.
Epstein & Vollweller, packing box mfrs., 814 E. 5th, New York.
Equipment Co., machy. dlrs., mill & facty. supplies, etc., 1531 Walnut, Kansas City, Mo.
Equipment Mfg. Co., factory trunks, Leader-News Bldg., Cleveland, Ohio.
Equip't Corp. of Am., rebuilt machy., Lumber Exchange bldg, Pittsburgh, Pa.
Equip't Mfg. & Supply Co., contrs.' supplies & wholesale hdwe., 26 N. 5th, Phila., Pa.
Equipoise Rivet Co., header products, light metal stamping, Waterbury, Conn.
Equitable Asphalt Maintenance Co., mixers, 1901 Campbell, Kansas City, Mo.
Equitable Brick Mfg. Co., Perry Bldg., Philadelphia, Pa.
Equitable Coke Co., bituminous coal mine, Oliver bldg, Pittsburgs, Pa.
Equitable Meter Co., machsts. & fndrs., 424 1st av, Pittsburgh, Pa.
Equitable Powder Mfg. Co., East Alton, Ill.
Equitable Window Glass Co., window glass mfgrs., Buckannon, W. Va.
Equitherm Control Corp., thermostats, 30 Church, New York.
Equity Equipment Co., contrs., Linwood rd & Penn. R. R., Cincinnati, O.
Erb, C. F., machsts. & brass fndrs., Youngstown, O.
Erb Hdwe. Co., Ltd., Lewiston, Idaho.
Erb, Isaac, architect, Port Huron, Mich.
Erb, W. B., & Co., machsts., 527 W. Van Buren, Chicago, Ill.
Erbeck, F. J., contractor, Homestead, Pa.
Erbelding, E. J., Co., heating contractors, Augusta, Ga.
Erbestos Brake Lining Co., 242 N. 17th, Philadelphia, Pa.
Erby, Wm., & Sons Co., carriages, 121 W. Grand av, Chicago, Ill.
Erd Motor Co., machsts., Saginaw, Mich.
Erda, Gustave, architect, 826 Manhattan av, Brooklyn, N. Y.
Erdle Perforating Co., perforated metals, 171 York, Rochester, N. Y. *See adv. index at end of book.*
Erdman, Geo. F., lumber, Williamsport, Pa.
Erdman Guider Co., wooden auto bodies, 10226 Woodward, Detroit, Mich.
Erhart, Chris., grey iron castings, 1237 W. 6th, Cincinnati, O.
Erhart, Fred, architect Norton Bldg., Louisville, Ky.
Erich, G. F., Co., masons' & bldrs.' matls., Allentown, Pa.
Ericka Mfg. Co., metal polish & hand soap, Springfield, Mass.
Ericksen, A. G., contractor, 404 N. Prior av, St. Paul, Minn.
Erickson, Allan E., architect 3011 Eastwood av, Chicago, Ill.
Erickson, Andrew L., machsts., Ladd, Ill.
Erickson, Aug., & Co., granite, St. Cloud, Minn.
Erickson & Bissell, lumber, Escanaba, Mich.
Erickson, C. E., & Co., advtg. specialties, Des Moines, Ia.
Erickson, Carl A., architect 104 S. Michigan av, Chicago, Ill.
Erickson Engng. Co., Inc., shipbldrs., Seattle, Wash.
Erickson, G., & Bro., lumber, Fall River, Mass.
Erickson, Herbert, architect, Gary, Ind.
Erickson, J. M., boxes—rural mail, Slater, Ia.
Erickson, John E., machst., Fillmore av & Walter, St. Paul, Minn.
Erickson, L., Elec. Co., reflectors, 6 Portland, Boston, Mass.
Erickson, Louis, & Son, contractors, Ishpeming, Mich.
Erickson & Petterson, contractors, railroad, Monadnock Bldg., San Francisco, Cal.
Erickson Soap Co., Hartford, Conn.
Ericson, J. R., contr., Orion, Ill.
Ericsson, Henry, Co., contractors, 139 N. Clark, Chicago, Ill.
Ericsson Mfg. Co., magnetos, Buffalo, N. Y.
Erickson, Phillip Norris, architect, 101 Park av, New York
Ericsson Screw Mach. Products Co., Inc., 609 Bergen, Brooklyn, N. Y.
Erickson, Walfred, architect, 1828 E. 65th, Cleveland, Ohio.
Erie Art Metal Co., Erie, Pa.
Erie Basin Dry Dock, ft. of Beard & Lond Dock, B'klyn, N. Y.
Erie Blue Stone Association, 341 5th av, New York.
Erie Bronze Co., 353 W. 19th, Erie, Pa.
Erie-Buffalo Tube Co., seamless tubes, Erie, Pa.
Erie Bldg. Co., 1175 Hertel av, Buffalo, N. Y.
Erie Burial Case Co., coffins, caskets, etc., Erie, Pa.
Erie Car Works, see Hamilton, Wm., Sons Car Co. (successors).
Erie City Iron Works, steam boiler engines & tanks, Erie, Pa.
Erie City Mfg. Co., carpet beaters, hangers, mops, etc., Erie, Pa.
Erie Clutch & Mach. Co., flanged pulleys, Cuyahoga Falls, Ohio.
Erie Clutch & Pulley Co., hoisting machinery, Erie, Pa.
Erie Concrete Steel Co., steel structural wk., etc., 13th & Cranberry, Erie, Pa.
Erie Constr. Co., Marine Natl. Bk. Bldg., Buffalo, N. Y.
Erie Contr. Co., D. S. Morgan Bldg., Buffalo, N. Y.

Erie Crucible Steel Co., Erie, Pa.
Erie Elec. Blue Print Co., Erie, Pa.
Erie Engine Works, engine & boiler builders, Erie, Pa.
Erie Forge Co., forgings in carbon & alloy steels, Erie, Pa.
Erie Foundry Co., drop hammers, 12th & Cranberry, Erie, Pa.
Erie Fndry. Co., Rochester, N. Y.
Erie Gas Mantle Mfg. Co., Erie, Pa.
Erie Hard Wall Plaster Co., Erie, Pa.
Erie Hardware Co., Erie, Pa.
Erie Hoist Co., Erie, Pa.
Erie Iron & Metal Co., Erie, Pa.
Erie Iron & Steel Co., iron & steel scrap, Erie, Pa.
Erie Lay Boy Co., paper stackers, Erie, Pa.
Erie Machine Shops, road rollers, Erie, Pa.
Erie Malleable Iron Co., automobile castings, Erie, Pa.
Erie Metal Products Co., stampings, etc., 644 W. 12th, Erie, Pa.
Erie Mfg. & Supply Co., mill & factory supplies, Erie, Pa.
Erie Mop & Wringer Co., Erie, Pa.
Erie Motor Co., auto bldrs., Painesville, Ohio.
Erie Motor Truck Co., Erie, Pa.
Erie Oil Co., lubrg., Erie, Pa.
Erie Pail Facty., Erie, Pa.
Erie Pump & Engine Works, 149 Glenwood av, Medina, N. Y.
See adv. index at end of book.
Erie Reduction Co., fertilizer mfrs., Erie, Pa.
Erie Sand & Gravel Co., Erie, Pa.
Erie Specialty Co., aircraft metal parts & screw mach. products, Erie, Pa.
Erie Steel Construction Co., elec. traveling & hand power cranes, Erie, Pa. *See adv. index at end of book.*
Erie Stone Co., Toledo, Ohio.
Erie Tire & Rubber Co., Sandusky, Ohio.
Erie Toe Calk Mach. Co., Erie, Pa.
Erie Tool Wks., machsts., Erie, Pa.
Erie Trailer Mfg. Co., auto. truck trailers, Erie, Pa.
Erie White Metal Co., fndrs., Erie, Pa.
Erie Window Glass Co., Erie, Pa.
Erieg, Wm. J., paint mfrs., Williamsport, Pa.
Eriez Stove & Mfg. Co., Erie, Pa.
Erikson, L., Elec. Co., lamp adapters, 6 Portland, Boston, Mass.
Erixson, Fred. A., contractor, Salem, Ore.
Erk Bros., cornices, Honesdale, Pa.
Erkenbrach, Geo. A., Co., soluble cotton, ammonia, acetone, etc., chem., 115 Maiden la, New York.
Erker, Adam M., cornices, 432 W. 37th, New York.
Erker, Walter S., Esq., architect, Henne Bldg., Los Angeles, Cal.
Erkins Studios, sun dials, 227 Lexington av, New York.
Erlandsen, Julius, machinist, 172 Centre, New York.
Erlbacher, B., machinist, Cape Girardeau, Mo.
Erler, Richard W., architect, 45 Clinton, Newark, N. J.
Ermelling, Ralph W., architect, 64 E. Van Buren, Chicago, Ill.
Ermold, Edw., Co., labeling machs., 656 Hudson, New York.
Ermold, Geo. Co., surgical instruments, 362 2d av, New York.
Ernecke & Salmstein Co., paints, enamels, etc., 944 W. North av, Chicago, Ill.
Erner Electric Co., knife switches, St. Clair av & E. 2d, Cleveland, Ohio.
Ernest Coal Co., Johnson City, Ill.
Ernsdorff, John, Iron Co., Dubuque, Ia.
Ernst, B., Bros., meat packers, 2920 N. 6th, Philadelphia, Pa.
Ernst, C. K., ash can conveyors, etc., Buffalo, N. Y.
Ernst, Chas., architect, Tiffin, Ohio.
Ernst, Chas. K., ash hoists, conveyors, etc., 1001 E. Ferry, Buffalo, N. Y.
Ernst, Frank, lumber mfrs., Bleecker, N. Y.
Ernst, Gustave, arch'l iron, 505 E. 165th, New York.
Ernst Hardware Co., 6th & Pike, Seattle, Wash.
Ernst, Louis, & Sons, whol. hdwe., mill & facty. supplies, etc., 43 South av, Rochester, N. Y.
Ernst's, Chas. F., Sons, iron fndrs. & machsts., Buffalo, N. Y.
Erny, Hy., ice cream machs., etc., 75 Fulton, New York.
Ero Mfg. Co., auto accessories, 753 W. Jackson blvd., Chicago, Ill.
Errington, F. A., machinist, 39 Cortlandt, New York.
Errington, Geo. E., contr., Napa, Cal.
Erskine, Alex., woolen blankets, 4th & Somerset, Phila., Pa.
Erskine, Jas. Lowe, Co., brushes, 462 Greenwich, New York.
Ertel, Geo., Co., agricultural implements, Quincy, Ill.
Erth Lithe Mfg. Co., acetylene gas machy., Charleston, Ill.
Ertz, C. W., architect, Pittock Blk., Portland, Ore.
Ervien, Chas. W. & Co., see Kensington Structural Steel Co. (successor).
Ervin Bros. Co., wholesale hardware, Jackson, Ohio.
Ervin, D. S., Co., lime, Cedarville, Ohio.
Ervin Mfg. Co., mattresses, El Paso, Tex.
Erving Paper Mills, Erving, Mass.
Erwin, Arch. B., stone producers, Port Kennedy, Pa.
Erwin & Co., machinists, 3736 Cottage Grv. av, Chicago, Ill.
Erwin Cotton Mills Co., West Durham, N. C.
Erwin, Hy., & Sons, mortar color mfrs., Bethlehem, Pa.
Erwin, J. M., flour, Byers, Tex.
Erwin Mfg. Co., fire extinguishers, mfrs., Montgomery Bldg., Milwaukee, Wis.
Esbjornsson, John, masons' & bldrs.' matls., Litchfield, Minn.
Escambia Land & Mfg. Co., see Escambia Mill Co. (successors),
Escanaba Hardware Co., Escanaba, Mich.
Escanaba Mfg. Co., paper & wood plates & handles, etc., St. Louis, Mo.
Escanaba Wood Fibre Co., paper, Escanaba, Mich.
Esche-Nelson Milling Co., wheat flour, Manawa, Wis.
Eschmann, B. & J., marble wk., 412 E. 37th, New York.
Eschweiler, Alex., Co., architect, Goldsmith Bldg., Milwaukee, Wis.
Esda Mfg. Co., hot water heaters, 280H Madison av, New York.
Esenwein & Johnson, architects, 775 Ellicott sq., Buffalo, N. Y.
Esenwine, Geo. W., founders, Salona, Pa.
Esfile Mfg. & Supply Co., hickory handles, Toledo, Ohio.
Eshelman, David, & Son, contractors, Anderson, Ind.
Eshelman, Jas. C., contractor, 35 N. Dearborn, Chicago, Ill.
Eshelman, U. H., contractor, Franklin, Pa.
Eskridge, Fred A., architect, 6654 Stewart av, Chicago, Ill.
Eskrigge, Frank T., architect, 17 Milk, Boston, Mass.
Esleeck Mfg. Co., paper & pulp mills, Turners Falls, Mass.
Esler, Samuel M., switches, 59 E. Adams, Chicago, Ill.
Eslien Sheet Metal Wks., 1001 30th, Milwaukee, Wis.
Esmeralda Canning Co., Circleville, Ohio.
Esmond Mills, blankets, carriage robes, Esmond, R. I.
Espedahl, Jacob, architect & contr., Daytona, Fla.
Espen-Lucas Machine Works, machinery mfrs., 21 Girard, Philadelphia, Pa.
Ess Bros., machinists, Chaska, Minn.
Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.
Essanbee Mine Co., coal, 808 Dearborn, Chicago, Ill.
Essebagger, C. M., architect, Empire Theatre Bldg., Grand Rapids, Mich.
Essen Aniline Wks., So. Middleton, Mass.
Essena, Chas., contractor, Somerville, Boston, Mass.
Essenkay Prod. Co., rubber substitutes & tire filler, Superior & Franklin, Chicago, Ill.
Essential Oil Specialties Co., Inc., terpine-hydrate, Grassland, Pa.
Essenwanger, Chas., & Son., cornices, 280 E. 148th, New York.
Esser, Curt A., architect, 1264 Montrose av, Chicago, Ill.
Esser, Herman J., architect, Camp Bldg., Milwaukee, Wis.
Esser, John F., storage batteries, 1206 2d av, New York.
Esser, Paul T., architect, 1304 Hood av, Chicago, Ill.
Esser & Schmidt, cornices & skylights, Hartford, Wis.
Essex Brass Fndry. Co., Cambridge, Mass.
Essex Construction Co., 87 Academy, Newark, N. J.
Essex Cornice Wks., 107 Houston, Newark, N. J.
Essex Engine Co., Lynn, Mass.
Essex Fndry., Murray, Newark, N. J.
Essex, G. B., Brass Co., dial cocks, lubricators, pumps, etc., 480 Franklin, Detroit, Mich.
Essex Gelatine Co., 40 N. Market, Boston, Mass.
Essex Glass Co., Mount Vernon, Ohio.
Essex Horse Nail Co. (Ltd.), Essex, N. Y.
Essex Mach. Co., Lynn, Mass.
Essex Motors, auto bldrs., Detroit, Mich.
Essex Packing Co., Tappahannock, Va.
Essex Pad & Paper Co., Holyoke, Mass.
Essex, Robt., Incubator Co., Buffalo, N. Y.
Essex Rubber Co., Trenton, N. J.
Essex Supply Co., mill & facty. supplies, 54 Polk, Newark, N. J.
Essex Tool Works, Newark, N. J.
Essex Varnish Co., 218 McWhorter, Newark, N. J.
Essex Wood Heel Co., Haverhill, Mass.
Essley Machinery Co., 551 Washington blvd., Chicago, Ill.
Essmueller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.
Estabrook, Geo. R., cornices, Springfield, Mass.
Estabrook's, R., Sons, plumbers' supplies—jobbers, 202 1st, Boston, Mass.
Estate Stove Co., elec. cooking app., Hamilton, Ohio.
Este, Chas., Co., lumber, 3d & Allegheny, Philadelphia, Pa.
Estep, Chas. A., & Son, masons' & bldrs.' matls., Portland, Mich.
Estep & Estep, architects, Century Bldg., Pittsburgh, Pa.
Estep, Harry S., architect, Empire Bldg., Pittsburgh, Pa.
Estep, Miles E., landscape arch., Paulsen Bldg., Spokane, Wash.
Ester, W. E., htg. contrs., Auburn, Wash.
Esterbrook, H. E., architect, 1463 Fulton, Brooklyn, N. Y.
Esterbrook Steel Pen Mfg. Co., machinists, Camden, N. J.
Estergreen, F. E., machinist, Hastings, Minn.
Esterline Co., wattmeters, tachometers, recorders, etc., Lemcke Annex, Indianapolis, Ind.
Estes, E. B., & Sons, wood turnings, wooden ware & novelties, etc., mfrs., 364 5th av, New York.
See adv index at end of book.
Estes Lbr. Co., Estes, Miss.
Estes, L. V., efficiency engineers, 202 S. State, Chicago, Ill.
Estes Mills, cordage, twine & waste mfrs., Fall River, Mass.
Estey Bros. Co., elevator gates & cabs, wire cloth & wire work, 270 Union av, Brooklyn, N. Y.
Estey Mfg. Co., furniture, Dept. H, Owasso, Mich.
Estey Organ Co., pianos, Brattleboro, Vt.
Estey Piano Co., So. Blvd. & Lincoln av, New York.
Estey Wire Wks. Co., wire goods mfrs., 34 Cliff, New York.
Estle & O'Brien Boiler Co., Portland, Me.
Esty Sprinkler Co., machsts. & fndrs., Laconia, N. H.
Etching Co. of Am., advtg. spec., 1521 Montana, Chicago, Ill.
Etchinson, J. W., contr., Casey, Ill.
Etheridge, J. E., Lumber Co., Norfolk, Va.
Etherton, E. E., Co., contractors, Monadnock Bldg., San Francisco, Cal.
Etiwan Fertz. Co., Charleston, S. C.
Etna Co., machinists & founders, Taunton, Mass.
Etna Forge & Bolt Co., House Bldg., Pittsburgh, Pa.
Etna Foundry Co., Etna, Pa.
Etna Machine Co., machsts. & fndrs., metal cutting-off machines, Maplewood av., Toledo, Ohio.
Etnyre, E. D., & Co., street sprinkling carts & wagons, Oregon, Ill.
Etsweiler, Wm., mill & facty. supplies, 230 N. 3d, Phila., Pa.
Etter Bros., brick, Dupont, Ohio.
Etting, A. E., flour, David City, Neb.
Ettinger, J. M., heaters, 70 W. Lake, Chicago, Ill.
Ettlinger, Louis, & Sons, jewelry cases, 65 Nassau, New York.
Ettlinger Sign Co., advtg., 440 S. Dearborn, Chicago, Ill.
Etuman, H. L., Sponge Co., 1112 Pine, St. Louis, Mo.
Etzel, M., & Sons, Inc., wood auto. bodies, 101 Fairmont av, New Haven, Conn.
Eubank Canning Co., Eubank, Ky.
Eubank Tankard Co., canned goods, Kilmarnock, Va.
Euclid Av. Electric Fixture Co., 5213 Euclid av, Cleveland, O
Euclid Av. Lumber Co., 11710 Euclid av, Cleveland, Ohio.
EUCLID CRANE & HOIST CO., THE, Euclid, Ohio.
See adv. index at end of book.
Euclid Furnace & Cornice Wks., 796 N. Euclid, St. Louis, Mo.
Euclid Mach. & Engng. Co., spec. machy., 40 Noble rd, Cleveland, O.
Euclid Mfg. Co., acid storage tanks, Paden City, W. Va.
Euclid Stone & Brick Co., Cleveland, Ohio.
Euell, Geo. Raymond, architect, 125 Sherman av, New York.
Eufaula Cotton Oil Co., cotton seed & peanut oils, Eufaula, Ala
Eugene Fruit Growers' Assn., canned goods, Eugene, Ore.
Eugene Woolen Mill Co., carriage robes, Eugene, Ore.
Eureka Blotter Bath Co., humidifying apparatus, 6221 Wentworth av, Chicago, Ill.
Eureka Art Glass Co., 2915 Lincoln, Chicago, Ill.
Eureka Automatic Elec. Signal Co., Tamaqua, Pa.
Eureka Bending & Wheel Works, wood bending, York, Pa.
Eureka Blotter Bath Co., 3732 S. Wallace, Chicago, Ill.
Eureka Boiler Works Co., 166 Fremont, San Francisco, Cal
Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.
Eureka Brass Wks., brass valves & unions, 1040 Hulbert av, Cincinnati, Ohio.
Eureka Brick Co., Norfolk, Va.

Eureka Button Co., 684 B'way, New York.
Eureka Calcium Wks., see Pomeroy Chem. Co. (successor).
Eureka Cedar Lumber & Shingle Co., Hoquiam, Wash.
Eureka Chemical Co., paint mfrs., 970 Grand av, B'klyn, N. Y.
Eureka Co., armatures, machsts. & fndrs., North East, Pa.
Eureka Co., carriages, Rock Falls, Ill.
Eureka Cotton Mills, cotton twine, Englewood Tenn.
Eureka Cotton Mills, sheetings, Lancaster, S. C.
Eureka Digger Co., machsts., 227 W. Huron, Chicago, Ill.
Eureka Fence Mfg. Co., Richmond, Ind.
Eureka Fire Brick Wks., Mount Braddock, Pa.
Eureka Fire Hose Mg. Co., 27 Barclay, New York.
Eureka Flint & Spar Co., silicia mfrs., Trenton, N. J.
Eureka Fluid Wks., chemicals, 1209 Valencia, San Francisco, Cal.
Eureka Foundry Co., Chattanooga, Tenn.
Eureka Granite Co., Hardwick, Vt.
Eureka Htg. & Ventg. Co., Saginaw, Mich.
Eureka Iron & Wire Works, 374 11th, San Francisco, Cal.
Eureka Lamp Co., 424 Columbia, Weehawken, N. J.
Eureka Machine Co., machsts. & fndrs., Lansing, Mich.
Eureka Machine Co., machy., Cleveland, Ohio.
Eureka Mfg. Co., drainage fittings & traps, Indianapolis, Ind.
Eureka Mfg. Co., oilers, Council Bluffs, Ia.
Eureka Mills Co., 711 S. Theresa av, St. Louis, Mo.
Eureka Mower Co., agricultural implement mfrs., 16 Hickory, Utica, N. Y.
Eureka Packing Co., sheet packing, 78 Murray, New York.
Eureka Paper Co., 265 W. B'way, New York, & Fulton, N. Y.
Eureka Planing Mill & Lumber Co., sash, door & blind, Fostoria, Ohio.
Eureka Paving Co., contrs., Houston, Tex.
Eureka Pneumatic Spray Co., 62 9th av, New York.
Eureka Rubbing Stone Co., 157 W. Austin, Chicago, Ill.
Eureka Sash, Door & Moulding Mills, 1715 Mission, San Francisco, Cal.
Eureka Silk Mfg. Co., silk thread, Putnam, Conn.
Eureka Slate Mfg. Co. (Ltd.), roofing slate mfrs., Slatington, Pa.
Eureka Slate Quarries, Fair Haven, Vt.
Eureka Spec. Printing Co., gummed labels & trading stamps, Scranton, Pa.
Eureka Spring Co., 150 Bleecker, New York.
Eureka Supply Co., archl. iron, Chattanooga, Tenn.
Eureka Supply Co., terminal blocks, nails, elec. cable hangers & battery holders, Sewell, N. J.
Eureka Tackle Block Co., 324 E. 2nd, Cincinnati, Ohio.
Eureka Vacuum Cleaner Co., 101 B'way, Detroit, Mich.
Eureka Vibrator Co., 131 W. 42d, New York.
Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.
Eurich, Frank, Jr., architect, 173 Main, Hackensack, N. J.
European Color & Chemical Co., Hoboken, N. J.
European Knitting Mills, sweaters, cardigans, etc., 80 Manhattan av, Brooklyn, N. Y.
Eustis, J. P., Mfg. Co., bathroom accessories mfrs., Cambridge, Mass.
Eutsler Bros., contractors, Grottoes, Va.
Euston Process Co., white & red lead mfrs., Scranton, Pa.
Euston White Lead Co., Wabash tracks, St. Louis, Mo.
Evangeline Iron Works, Evangeline, La.
Evans, A. E., contractor, 5 McIntyre av, Pittsburgh, Pa.
Evans, A. J., Canning Co., Fort Valley, Ga.
Evans, Andrew J., corn brooms, Terre Haute, Ind.
Evans, B. A., agricultural implements, Hammond, N. Y.
Evans, B., & Bro., masons' & bldrs.' matls., Norristown, Pa.
Evans Bros. & Co., Wilkes-Barre, Pa.
Evans Bros., contractors, Lafayette, Ind.
Evans Bros. Constr. Co., 2312H av F., Birmingham, Ala.
Evans, Burd P., & Co., contractors, 13th & Wallace, Phila., Pa.
Evans, C. H., & Co., crank & fly wheel steam pump mfrs., 179 Fremont, San Francisco, Cal.
Evans & Calloway, lbr., Fowler, Ind.
Evans, Chas., Jr., cardigans, sweaters, etc., Needham Heights, Mass.
Evans, Chas. P., sash, door & blind mrs., Rochester, N. Y.
Evans, Clark W., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.
Evans Clay Mfg. Co., Uhrichsville, Ohio.
Evans & Co., wool wadding, Lockport, N. Y.
Evans & Convery, rubber & steel stamps, stencils, etc., 24 N. 6th, Philadelphia, Pa.
Evans & Coppins Co., machsts., Princeton, Ill.
Evans Creek Lb. Co., Dorris, Cal.
Evans, Dan'l, Const. Co., Odd Fellows Bldg., St. Louis, Mo.
Evans Devices Corp., addressing machs., 745 Main, Buffalo, N. Y.
Evans & Eichner, oven bldrs., 29 W. Lake, Chicago, Ill.
Evans, Evan, contractor, 1226 Ida, Cincinnati, O.
Evans, F. H., Est. of, expansion bolts, heaters, etc., 31 Hewes, Brooklyn, N. Y.
Evans, Fred A., architect, Book bldg, Detroit, Mich.
Evans Friction Cone Co., pulleys, variable speed transmission, etc., Newton Centre, Mass.
Evans, G. H., Lumber Co., Chattanooga, Tenn.
Evans, H. C., & Co., toys, games & nov., 1522 W. Adams, Chicago, Ill.
Evans, H. R., & Son, contrs., 10 Mathewson, Providence, R. I.
Evans, I H., turpentine, Halcyon Dale, Ga.
Evans, John A., Co., ventg. app. for power plants, etc., Richmond, Ind.
Evans, John E., pump valves, Nutley, N. J.
Evans, Jno., & Co., archl. modelers & sculptors, 77 Huntington av, Boston, Mass.
Evans, John, Sons, machsts., 506 N. 13th, Philadelphia, Pa.
Evans, John, Stone & Lime Co., Marion, Ohio.
Evans, Jos. T., masons' & bldrs.' matls., Riverton, N. J.
Evans-Lee Co., masons' & bldrs.' matls., Eau Claire, Wis.
Evans & Liddle, corn brooms, Lockport, N. Y.
Evans Linseed Oil Co., Indianapolis, Ind.
Evans Mfg. Co. (Ltd.), machsts. & fndrs., Butler, Pa.
Evans Marble Co., marble producers, Ranstead Wharf, Baltimore, Md.
Evans, Melvern R., architect, 10½ E. Orange, Lancaster, Pa.
Evans Milling Co., cereal foods, Indianapolis, Ind.
Evans Mill Supply Co., 212 Summer, Boston, Mass.
Evans Mold & Fndry. Co., Uniontown, Pa.
Evans Oil Wks., 637 Elsinore, Cincinnati, Ohio.
Evans, Oscar E., & Co., architects, 2569 Mission, San Fran., Cal.
Evans Products Corpn., duplicators, 46 Murray, New York.
Evans, R. H., & Co., contractors, Columbus Savings & Trust Bldg., Columbus, Ohio.
Evans, S. T., contractor, Mount Vernon, N. Y.
Evans, S. W., & Son, machsts. & fndrs., 4623 Paul, Phila., Pa.
Evans & Son, masons' & bldrs.' matls., Thomasville, Ga.
Evans Stamping & Plating Co., marine gears & tapping machines, Taunton, Mass.
Evans, T. L., Sons, stone producers, Danville, Pa.
Evans, Thos. E., brick, Reynoldsville, Pa.
Evans, Wm. F., Jr., architect, Bremerton, Wash.
Evans, Victor J., & Co., patent attorney, Victory bldg, Washington, D. C.
Evans, W. L., vanishing door hinges, wardrobes & telephone booths, Washington, Ind.
Evans, W. P., granite prod., Lithonia, Ga.
Evans, W. S., & Son, lumber, Elba, La.
Evans & Warner, architects, Witherspoon Bldg., Phila., Pa.
Evans, Wylie H., architect, 612 Ohio, Terre Haute, Ind.
Evanston Bldg. Matl. Co., masons.' & bldrs.' matls., & contractors, Evanston, Ill.
Evansville Bookcase & Table Co., Dept. H, Evansville, Ind.
Evansville Brass Wks., Evansville, Ind.
Evansville Brick & Tile Co., Evansville, Ind.
Evansville Broom Co., Evansville, Ind.
Evansville Canning Co., Evansville, Wis.
Evansville Coffin Co., Evansville, Ind.
Evansville Desk Co., Evansville, Ind.
Evansville Furn. Co., Dept. H, Evansville, Ind.
Evansville Gas Engine Wks., Evansville, Ind.
Evansville Lthr. & Belting Co., Evansville, Ind.
Evansville Mattress & Couch Co., Evansville, Ind.
Evansville Metal Bed Co., Evansville, Ind.
Evansville Oil Co., lubrg., Evansville, Ind.
Evansville Packing Co., meat packers, Evansville, Ind.
Evansville Paint & Varnish Co., plate glass, Evansville, Ind.
Evansville Planing Mill Co., Evansville, Ind.
Evansville Sand & Gravel Co., Evansville, Ind.
Evansville Sash & Door Co., Evansville, Ind.
Evansville Stove Wks., Evansville, Ind.
Evansville Supply Co., machsts' tools & steam fitters' supplies, Evansville, Ind.
Evansville Surprise Bed Spring Co., Evansville, Ind.
Evansville Tool Wks., machsts. & fndrs., Evansville, Ind.
Evansville Trunk Co., Evansville, Ind.
Evansville Veneer Co., Evansville, Ind.
Evarts Machine Co., piston rings, Hartford, Conn.
Evatt Constr. Co., 161 Devonshire, Boston, Mass.
Eveland Electric Riveter Co., W. End Tr. Bldg., Phila., Pa.
Eveland, G. H., canned goods, Miamiville, Ohio.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Evenson-Utterberg, contrs., Bldrs'. Exch., Minneapolis, Minn.
Evensta, E. G., & Co., contrs., Blds'. Exch., Minneapolis, Minn.
EVEREADY MFG. CO., OF BOSTON, paper clip & fastener machine mfrs., 9 Knapp, Boston, Mass. *See adv. index at end of book.*
Ever-Ready Oil Co., Ridgewood, N. J.
Everal, F. H., & Co., tile, Westerville, Ohio.
Evered Fndry. & Mach. Wks., Superior, Wis.
Everest, W. S., carriages, Easthampton, N. Y.
Everett, A. F. N., architect, Candler Bldg., Atlanta, Ga.
Everett, A., & Son, letters & figures, Auburn, N. Y.
Everett & Barron Co., shoe blacking & marking inks, 359 Canal, Providence, R. I.
Everett Brick Co., common, Everett, Wash.
Everett Bros., fertilizer mfrs., Rockingham, N. C.
Everett Constr., Co., Everett, Wash.
Everett Fibre Products Corp., barrels, 347 Madison av, New York.
Everett Flour Mill Co., Everett, Wash.
Everett Hdwe. Co., whol., Rockingham, N. C.
Everett, J. A., hand seed sowers, Indianapolis, Ind.
Everett, J. F., architect, Boston Blk., Seattle, Wash.
Everett, J. Guy, Co., cornices, 1119 W. Market, Louisville, Ky.
Everett Mfg. Co., wagon dump boxes, Newark, N. Y.
Everett Marine Ways, Inc., dry docks, Everett, Wash.
Everett Mills, denims, 120 Franklin, Boston, Mass.
Everett Mutual Mill Co., Everett, Wash.
Everett Packing Co., canned goods, Everett, Wash.
Everett Piano Co., Albany, Boston, Mass.
Everett Pulp & Paper Co., Lowell, Wash.
Everett Sand & Gravel Co., Everett, Wash.
Everett Supply Co., mill supplies, Charters, New Orleans, La.
Everett Sash & Door Co., Everett, Wash.
Everett Shingle Co., lumber, Everett, Wash.
Everett, W. D. J., masons' & bldrs.' matls., West Milton, Ohio.
Everglades Cypress Co., Loughman, Fla.
Evergreen Lbr. Co., Puyallup, Wash.
Evergreen Stone Wks., Decatur & Myrtle, Brooklyn, N. Y.
Evergrip Gliding Caster Co., 261 Canal, New York.
Everham, Melville B., contractor, Chamber of Com., Detroit, Mich.
Everhard Co., brick, Massillon, Ohio.
Everhard Mfg. Co., ball bearings, Canton, Ohio.
Everhart, A. C., contractor, Williamsport, Pa.
Everhart Brass Works, 422 Penn. av, Scranton, Pa.
Everist, L. C., Inc., masons' & bldrs.' mtls., Sioux City, Ia.
Everitt Bros., auto. tops, 669 Mack av, Detroit, Mich.
Everlasbestos Flooring Co., composition flooring, 95 North Rochester, N. Y.
Everlastik, Inc., webbing mfrs., 395 B'way, New York.
Everlasting Valve Co., 2 Rector, New York.
Everly, Wm., contractor, 314 Newton Claypool Bldg., Indianapolis, Ind.
Everman, Walton, architect, Bartlesville, Okla.
Evers, Geo. C., cornices & skylights, Spokane, Wash.
Evers, Henry A., steel stamps, 44 Washington, Providence, R. I.
Evers Iron Works, machsts. & fndrs., 1569-71 Merwin, N. W., Cleveland, Ohio.
Evers, Jno., Estate, molding sand, Waterford, N. Y.
Eversharp Pencil Co., 1800 Roscoe, Chicago, Ill.
Eversole, A. B., ties & poles, Buckhorn, Ky.
Everson, C. G., & Co., elec. & gas light fixtures, 70 W. Lake, Chicago, Ill.
Everson & Co., granite, Rutland, Vt.
Everson Filter Co., 70 W. Lake, Chicago, Ill.
Everson Mfg. Co., hand vacuum cleaners, 271 Franklin, Boston, Mass.
Everson & Reed Co., rubber stamps, 88 Chambers, New York.

Everson, T. Bissell, machy. dlrs., Granite Bldg., Pittsburgh, Pa.
Everstick Anchor Co., handles, clamps, etc., 1624 N. 8th, St. Louis, Mo.
Ever Tyte Piston Ring Co., 3124 Locust, St. Louis, Mo.
Co., 1600 Kingsland av, St. Louis, Mo. *See adv. index at end of book.*
Everwear Mfg. Co., playground equipment, Springfield, Ohio.
Everybody's Vacuum Cleaner Co., 80 5th av, New York.
Eves, A. W., lbr., Iola, Pa.
Evick, Thomas A., flour mills, Ceredo, W. Va.
Evinrude Motor Co., gas engines, 279 Walker, Milwaukee, Wis.
Evrbest Milling Corp., flour & feed, Corry, Pa.
Ewald & Allen, architects, Rialto bldg, St. Louis, Mo.
Ewald, F. H., contractor, Morrisville, Pa.
Ewald Iron Co., Louisville, Ky.
Ewart, A. C., architect, Beck Building, Portland, Ore.
Ewbank Elec. Transmission Co., auto. bldrs., Portland, Ore.
Ewer, Warren B., architect, 1111 Ashland av, Chicago, Ill.
Ewers Bros., contractors, 189 W. Broad, Columbus, O.
Ewert & Kutscheid Mfg. Co., squaring shears, 921 W. 49th pl, Chicago, Ill.
Ewing & Allen, archits., 101 Park av, N. Y.
Ewing, B., flour mills, Springville, Ala.
Ewing & Brockenbrough, contractors, Lafayette, Ind.
Ewing & Chappell, architects, 101 Park av, New York.
Ewing, H. Norwood, Co., toilet paper, Woolworth Bldg., New York.
Ewing & Hooper, trunks, Nashville, Tenn.
Ewing, Jas., machst. & fndr., Fremont, Ind.
Ewing, Thomas L., furn., Dept. H, Springfield, Ill.
Ewing, W. R., Inc., contractor, 112 W. Adams, Chicago, Ill.
Ewing, Whitley L., architect, Lamar Bldg., Augusta, Ga.
Excel Mfg. Co., furniture, Dept. H, Rockgord, Ill.
Excel Mfg. Co., tool & machine work, 7 Sherman, Charlestown, Mass.
Excel Mfg. Co., machsts., fndrs. & feed grinding & oil cake mills, Pottersville, N. J.
Excel Safety Gas Valve Co., 5726 Euclid av, Cleveland, Ohio.
Excell Mfg. Co., conductors, ticket & spring punches, New Haven, Conn.
Excello Mfg. Co., asbestos products, 1836 Euclid av, Cleveland, Ohio.
Excelsior Bag & Mfg. Co., canvas bags, hammocks, etc., Troy, N. Y.
Excelsior Ball Clay Co., modeling & potters' supplies, Cincinnati, Ohio.
Excelsior Bobbin & Spool Co., Newtown, Pa.
Excelsior Box Co., 311 S. Jefferson, Chicago, Ill.
Excelsior Brass Wks., founders, 1517 Spring, Philadelphia, Pa.
Excelsior Brass Works, Reading, Pa.
Excelsior Brick Co., Benson av nr. Caton, Baltimore, Md.
Excelsior Brick Co., Denver, Colo.
Excelsior Brick Co., Fredonia, Kan.
Excelsior Brick Co., Haverstraw, N. Y.
Excelsior Brick Co., Menomonie, Wis.
Excelsior Brick Co., Montgomery, Ala.
Excelsior Buggy Co., carriages, Goshen, Ind.
Excelsior Car Roof Co., 207 N. 8th, St. Louis, Mo.
Excelsior Carriage Co., Watertown, N. Y.
Excelsior Cereal Milling Co., 726 Santa Fe av, Los Angeles, Cal.
Excelsior Cornice Wks., 1926 S. Colorado, Philadelphia, Pa.
Excelsior Cycle Store, machinists, 5340 B'way, Chicago, Ill.
Excelsior Cypress Co., Timberton, La.
Excelsior Drill Co., agricultural implements, Springfield, Ohio.
Excelsior Fire Clay Co., Lisbon, Ohio.
Excelsior Foundry Co., Belleville, Ill.
Excelsior Granite Co., Montpelier, Vt.
Excelsior Hardware Co., Stamford, Conn.
Excelsior Illustrating Co., Inc., slides, 218 6th av, New York.
Excelsior Knitting Machine Mfg. Co., Allentown, Pa.
Excelsior Leather Washer Mfg. Co., 323-329 Cedar, Rockford, Ill.
Excelsior Lock & H'dwe Co., Lancaster, Pa.
Excelsior Loom Reed Wks., Pawtucket, R. I.
Excelsior Mixer & Machy. Co., Milwaukee, Wis.
Excelsior Motor Mfg. & Supply Co., 3701 Cortland, Chicago, Ill.
Excelsior Nickel Plating Wks., 40 Clifford, Providence, R. I.
Excelsior Package Handle Co., 118 N. 2nd, Philadelphia, Pa.
Excelsior Pearl Wks., 178 Grand, New York.
Excelsior Plating Co., padlock locks, Lancaster, Pa.
Excelsior Pocahontas Coal Co., Excelsior, W. Va.
Excelsior Powder Mfg. Co., dynamite mfrs., Kansas City, Mo.
Excelsior Press Brick Co., 1010 Chestnut, St. Louis, Mo.
Excelsior Pulley Co., Cuba, N. Y.
Excelsior Seat Co., carriage bodies, 5th av & River rd, Columbus, Ohio.
Excelsior Slate Co., Pen Argyl, Pa.
Excelsior Steam Engine & Mach. Co., 32 Friendship, Providence, R. I.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y. *See adv index at end of book.*
Excelsior Steel Furnace Co., 118 S. Clinton, Chicago, Ill.
Excelsior Stove & Mfg. Co., Quincy, Ill.
Excelsior Supply Co., excelsior, 1732 Merwin rd, Cleveland, Ohio.
Excelsior Tool & Gauge Co., spec. tools, 1535 Temple av, Detroit, Mich.
Excelsior Tool & Machine Co., 32d & Ridge, E. St. Louis, Ill.
Excelsior Traveling Goods Co., 612 S. Canal, Chicago, Ill.
Excelsior Trunk Co., 606 Delaware, Kansas City, Mo.
Excelsior Umbrella Mfg. Co., 73 Summer, Boston, Mass.
Excelsior Valve Co., 108 Fulton, New York.
Excelsior Varnish Works, 1242 W. 74th, N. W., Cleveland, Ohio.
Excelsior Varnish Wks., 261 B'way, New York.
Excelsior Whiting Wks., York & Almond, Philadelphia, Pa.
Excelsior Wrapper Co., excelsior pads, Sheboygan, Wis.
Excelsior Wrapper Co., excelsior pads, 224 W. Kinzie, Chicago, Ill.
Excelsior Wrapper Co., excelsior pads, Grand Rapids, Mich.
Excelvalve Co., valves, etc., 1777 B'way, New York.
Exchange Lumber Co., Roanoke, Va.
Exchange Mill Co., flour, Grafton, W. Va.
Exclusive Advtg. Co., advtg. nov., Oak Park, Ill.
Exeter Brass Wks., Exeter, N. H.
Exeter Mach. Wks., Pittston, Pa.
Exeter Mfg. Co., cotton sheetings, Exeter, N. H.
Exline & Son, machinists, North Baltimore, Ohio.
Exner, Paul J., & Son, contractors, 109th & E. R., New York.
Exolon Co., abrasives, 156 6th, Cambridge, Mass.
Expanded Metal Engng. Co., 8 W. 40th, New York.
Export Am. Industries, trade publication, 30 Church, New York.
Export Cooperage Co., Leslie, Ark.
Export Lbr. Co., 15 William, New York.
Export Phosphate Co., 87 Milk, Boston, Mass.
Exportador Am., trade publication, 17 Battery pl, New York.
Exporters & Importers Journal, 17 State, New York.
Exporters' Review, trade publication, 80 Broad, New York.
Exposition Cotton Mills, cotton sheetings, Atlanta, Ga.
Express Spark Plug Co., 1367 Penn. av, Washington, D. C.
Eyelet Tool Co., leather & drive punches, 40 Lincoln, Boston, Mass.
Eyerman, Edw., contractor, Wilkes-Barre, Pa.
Eyermann, G., & Bro., bldg. contrs., 1216 S. Grand av, St. Louis, Mo.
Eynon-Evans Corp., castings, valves, etc., N. 15th & Clearfield, Phila., Pa.
Eyre-Shoemaker, contractors, Com. Trust Bldg., Philadelphia, Pa.
Eyre, Wilson, architect, 1003 Spruce, Philadelphia, Pa.
Eyre, Wilson & McIlvaine, architects, 317 Lexington av, New York.
Eyres, Jack, contrs., Le Mars, Ia.
Eyring, E., & Sons, contractors, 800 S. 3d, Baltimore, Md.
Eyssell, M., Const. Co., 3rd Nat'l Bank bldg, St. Louis, Mo.
Eyster, Weiser Co., machsts. & fndrs., York, Pa.
Ezell-Griffin Co., fertilizer, Eatonton, Ga.
E-Z Mfg. Co., animal traps, Galesburg, Ill.
E-Z Opener Bag Co., Decatur, Ill., & Fulton, N. Y.
Ezzell Mill & Stone Co., Newsoms Station, Tenn.
Faas, Chas. R., machsts., 34 S. 6th, Brooklyn, N. Y.
Fabbri, Frank, contractor, Litchfield, Conn.
Faber, A. W., lead pencils, rubber bands, 41 Dickerson, Newark N. J.
Faber, Eberhard, fountain pen & crayon mfr., 200 5th av, New York.
Faber, Eberhard Pencil Co., 37 Greenpoint av, B'klyn, N. Y.
Faber, Eberhard Rubber Co., erasers, Newark, N. J.
Faber Engineering & Constr. Co., Bessemer Bldg., Pittsburgh Pa.
Faber, F. H., & Co., slaughter house machy. dirs., Peoria, Ill.
Faber, H. C., & Son Co., trunk mfrs., Utica, N. Y.
Faber, Jacob, trunk mfrs., 1955 E. 9th, Cleveland, Ohio.
Faber, Johann, lead pencils, 54 Lafayette, New York.
Faber, L., Jr., & Sons, contractors, Carlisle, Pa.
Faber, Peter, bldg. contr., Madison, Wis.
Faber Piano Co., 351 Rider av, New York.
Faber Sulky Co., Rochester, N. Y.
Fabin, Robert W., architect, 147 Bradley, New Haven, Conn.
Fabre & Thayer, architect, 110 Sutter, San Francisco, Cal.
Fabreeka Belting Co., special process fabric belting mfrs., 30 India, Boston, Mass. *See adv index at end of book.*
Fabric Fire Hose Co., rubber goods, 127 Duane, New York.
Fabric Roll Protector Co., South Bend, Ind
Fabry, A. C., architect, Tulsa, Okla.
Fabry, T. P. J., wood carver, Rochester, N. Y.
Fabyan Woolen Co., Stafford Springs, Conn.
Face, E. W., & Son, brick, Norfolk, Va.
Fachule, J., Sons, carriages, Middleport, O.
Facile Window Co., 103 Park av, New York.
Factory Equip. Co., mill & facty. supps., 122 W. Water, Milwaukee, Wis.
Factory Magazine of Management, trade publication, Cass, Huron & Erie, Chicago, Ill.
Factory & Mill Supply Co., mach. tools, new & second hand, 137 Oliver, Boston, Mass.
Factory Supply Co., mill & fact'y supps., 40 E. Kinzie, Chicago, Ill.
Factory Supply & Hdwe. Co., 47 Mechanic, Newark, N. J.
Fadeley, Harrison, flour mills, Edinburg, Va.
Fadum, Fred'k, & Son, Machsts., 408 W. Redwood, Baltimore, Md.
Faessler, J., Mfg Co., mill & facty. supplies, Moberly, Mo.
Faeth Iron Co., whol. hdwe., 1125 N. 8th, Kansas City, Mo.
Fafnir Bearing Co. (The), ball bearings for automobiles, trucks, tractors, electric motors, machine tools, line shafting & machinery in general, New Britain, Conn.
Fagan & Gillis, contrs., Newport, R. I.
Fagan Iron Wks., 14th, Jersey City, N. J.
Fagan, Jas., & Son, packing box mfrs., 204 W. Houston, New York.
Fageol Motors Co., Oakland, Cal.
Fager, G. C., & Sons, cornices, Harrisburg, Pa.
Fager, John A., cornices, 213 E. 144th, New York.
Faget Engng. Co., mill & facty. supps., 541 Howard, San Francisco, Cal.
Fahnestock Elec. Co., testing clamps, & elect'l spec. mfrs., Meadow, Long Island City, N. Y.
Fahnestock, Frank G., Jr., architect, Harrisburg, Pa.
Fahnestock, L. W., architect, 18 W. 7th, Cincinnati, Ohio.
Fahnle & Dietrich, cornices, 537 Oliver, Cincinnati, Ohio.
Fahnstock & Miller, mattresses, Chambersburg, Pa.
Fahrig Metal Co., 34 Commerce, New York.
Fahrney, Edw. B., fruit evaporators, Waynesboro, Pa.
Fahys, Jos., & Co., 17 Maiden la, New York.
Failing, McCalman Co., whol. hdwe., 88-90 Front, Portland, Ore.
Fails, N. B., Lubricating Co., Prudential Bldg., Buffalo, N. Y.
Fain Knitting Mills, sweaters, cardigans, etc., 902 Park av, Brooklyn, N. Y.
Fair, D. J., Lumber Co., Sterling, Kans.
Fair, D. McClure, contractor, 6023 Hoevler, Pittsburgh, Pa.
Fair Foundry Co., Knoxville, Tenn.
Fair, Geo., & Son, agricultural implements, Blaine, Mich.
Fair Haven Foundry & Machine Co., hoisting engines, etc., Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fair, H. W., contr., Wheeling, W. Va.
Fair Mfg. Co., machinists, 617 Bryant, San Francisco, Cal.
Fair, Perry W., architect, Bass blk., Fort Wayne, Ind.
Fair Play Canning Co., Fair Play, Mo.
Fair, S., & Son, fndrs., Saginaw, Mich.
Fairbank & Co., pig iron & iron ore, Wade bldg., Cleveland, Ohio.
Fairbank, N. K., Co., soap, 111 W. Washington, Chicago, Ill.
Fairbanks Co., valves, scales, mill, facty. & plumbers' supplies, machy. dlrs., 416 Broome, New York.
Fairbanks Co., piano plates, Springfield, Ohio.
Fairbanks, E. & T., & Co., machsts., fndrs. & scales, St. Johnsbury, Vt.
Fairbanks, Geo. L., & Son, machsts., Worcester, Mass.

Fairbanks, Morse & Co., cars, cranes, engines, pumps & machy. mfrs., fndrs., machsts., tools & supplies, compressors, steam fitters' supplies, 900 S. Wabash av, Chicago, Ill.
Fairbanks, Morse & Co., Sheffield Plant, car wheels, Three Rivers, Mich.
Fairbanks-Morse Elec'l Mfg. Co., machsts. & fndrs., Indianapolis, Ind.
Fairbanks, R. J., & Sons, lumber mfrs., Hermon, N. Y.
Fairbanks Steam Shovel Co., Marion, Ohio.
Fairbault Furn. Co., Dept. H, Fairbault, Minn.
Fairbury Carriage Co., Fairbury, Ill.
Fairchild & Betts, machsts. & fndrs., Warren, Pa.
Fairchild, Chas. A., architect, Kalamazoo, Mich.
Fairchild, Gilmore & Wilton Co., contractors, 607 S. Main, Los Angeles, & San Diego, Cal.
Fairchild, L. C., corn brooms, Greene, N. Y.
Fairchild, M. H., & Bro., soap, metal polish, 6 W. Austin av, Chicago, Ill.
Fairchild & Shelton Co., soap, 305 Housatonic av, Bridgeport, Conn.
Fairdale Canning Co., Bridgeton, N. J.
Fairclough Stanley D., architect, 826 Forest av, Evanston, Ill.
Fairfacts Co., china for plumbing wk., 218 W. 14th, New York.
Fairfax Refining Co., lubrg. oils, 9420 Meach, Cleveland, Ohio.
Fairfield Auto Co., gas engines, Bridgeport, Conn.
Fairfield Glass Co., window glass mfrs., Lancaster, Ohio.
Fairfield Landscape & Nurseries Co., 103 Park av, New York.
Fairfield Lumber Co., Fairfield, Ill.
Fairfield Paper Co., Baltimore, Ohio.
Fairfield Plow Wks., North Fairfield, Ohio.
Fairforest Cotton Oil Co., fertz. mfrs., Fairforest, S. C.
Fairhall, Jos., Jr., machsts., Danville, Ill.
Fair Haven Fdry. & Mach. Co., castings, etc., Fair Haven, Vt.
Fairhaven Iron Foundry Co., Fairhaven, Mass.
Fair Haven Marble & Marbleized Slate Co., plumbers' slate, Fair Haven, Vt.
Fairlamb, P. H., Co., masons' & bldrs.' matls., 113 S. 30th, Philadelphia, Pa.
Fairley-Davidson Steel Co., Inc., 122 Maiden lane, New York.
Fairmont Box Co., Canajoharie, N. Y.
Fairmont Coal Co., 14 Wall, New York.
Fairmont Feed & Storage Co., flour mills, Fairmont, W. Va.
Fairmont Gas Engine & Ry. Motor Car Co., Fairmont, Minn.
Fairmont Grain & Milling Co., Fairmont, W. Va.
Fairmont Mining Machinery Co., machsts. & fndrs., mfrs. & jobbers, coal mine equipment, Fairmont, W. Va.
Fairmont Mold & Fndry. Co., Fairmont, W. Va.
Fairmont Window Glass Co., Fairmont, W. Va.
Fairmount Elec. & Mfg. Co., testing lamps, cable roller & cars, etc., 59th & Woodland, Phila., Pa.
Fairmount Fdr. Co., Duncannon & Clinton, Philadelphia, Pa.
Fairmount Glass Wks., bottles, Indianapolis, Ind.
Fairmount Mach. Co., 10 N. 19th, Phila., Pa.
Fairmount Tool & Forging Co., 10611 Quincy av, Cleveland, O.
Fairoaks Fruit Co., canners, Fairoaks, Cal.
Fairport Lumber & Coal Co., masons' & bldrs.' matls., Fairport, N. Y.
Fairton Canning Co., Fairton, N. J.
Fairview Brick Co., 80 Griswold, Detroit, Mich.
Fairview Cannery, Lockport, N. Y.
Fairview Coal Co., Rockefeller bldg, Cleveland, Ohio.
Fairview Foundry Co., ft. of Vanilla, Detroit, Mich.
Fairview Slate Co., roofing slate mfrs., Slatington, Pa.
Fairwater Canning Co., Markesan, Wis.
Fairwater Hemp Co., tow, Fairwater, Wis.
Fairweather, C. W., architect, Grantwood, N. J.
Fairweather, J. Stewart, architect, Balboa Bldg., San Fran., Cal.
Faith, S., & Co., high pressure piping, 2427 Penna. av, Phila., Pa.
Faitoute Iron & Steel Co., 180 Frelinghuysen av, Newark, N. J.
Falch, W. C., architect, Hearst bldg, San Francisco, Cal.
Falck, F. L., & Co., soap, 1400 High, Pittsburgh, Pa.
Falcon Bronze Co., Youngstown, Ohio.
Falcon, Jos. G., flexible joints, Evanston, Ill.
Falcon Mfg. Co., furniture, Dept. H, Big Rapids, Mich.
Falcon Steel Co., Niles, Ohio.
Falconer & Co., granite, Quincy, Mass.
Falconer Mirror Co., Falconer, N. Y.
Falconer Towel Mills, Falconer, N. Y.
Falconer, W. T., Mfg. Co., beekeepers' supplies, Falconer, N. Y.
Fales, C. E., Machy. Co., Kerr Bldg., Detroit, Mich.
Fales & Jenks Mach. Co., Pawtucket, R. I.
Fales, L. F., paper slitting & sewing machy., Walpole, Mass.
Fales, W. H., Co., calcium stearate, 62 Maiden lane, New York.
FALK CORP., gears, Ft. 30th, Milwaukee, Wis.
See adv index at end of book.
Falk, Frank, Co., contractors, 60 Old B'way, New York.
Falk, Geo L., architect, Brockton, Mass.
Falkemath Rudolph, architect, Deseret Bk. Bldg., Salt Lake City, Utah.
Falkenbach Mfg. Co., elec. & gas light fixture mfrs., 159 E. 54th, New York.
Falkenburg & Co., testing laboratories, chemists, 116 Yesler, Seattle, Wash.
Falkhill Constr. Co., Poughkeepsie, N. Y.
Falkingham, Percival E., quinine, 5 Church, New York.
Fall City Cornice & Roofing Co., Louisville, Ky.
Fall City Mill & Feed Co., Sunnyside, Wash.
Fall Creek Canneries, Pendleton, Ind.
Fall Creek Mfg. Co., lawn furniture, Mooresville, Ind.
Fall Creek Milling Co., wheat flour, Ithaca, N. Y.
Fall, J. H., & Co., steam fitters' supplies, Nashville, Tenn.
Fall River Bobbin & Shuttle Co., tex. machy., supplies, etc., Fall River, Mass.
Fall River Boiler Works, Fall River, Mass.
Fall River Canning Co., Fall River, Wis.
Fall River Foundry & Machine Co., Fall River, Mass.
Fall River Gas Works, water-gas tar, Fall River, Mass.
Fall River Rubber Co., Fall River, Mass.
Fall River Sheet Metal & Cornice Works, Fall River, Mass.
Fall River Steam & Gas Pipe Co., Corp., machsts. & fndrs., Fall River, Mass.
Fallas, Edwin, Canning Co., Lowell, Mich.
Fallin, T. H., canned goods, Coan, Va.
Fallis, E. O., architect, The Nasby, Toledo, Ohio.
Fallis, M. S., Architect Co., Ideal Bldg., Denver, Colo.
Fallon, T. F., & Co., brass fndrs., castings, Lawrence, Mass.
Fallon, W. J., shoe welting, 34 Norfolk av, Boston, Mass.
Fallows, E. T., archt., New York Life Bldg., Minneapolis, Minn.

Falls, Alexander S., architect, 4408 Oakenwald av, Chicago, Ill.
Falls City Bedding Co., mattresses, Louisville, Ky.
Falls City Lbr. & Logging Co., Northwestern Bank Bldg., Portland, Ore.
Falls City Plbg. Supply Co., steam fitters' supplies, Louisville, Ky.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio.
Falls Co., cotton duck & canvas, Norwich, Conn.
Falls Elec. Co., guy anchors, Lima, Ohio.
Falls Engng. & Mach. Co., Cuyahoga Falls, Ohio.
Falls Foundry Co., Chagrin Falls, Ohio.
Falls, Frank H., mill & facty. supplies, Rochester, N. Y.
Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio.
Falls Machine Co., wood planing, boring, etc., machines, Sheboygan Falls, Wis.
Falls Mfg. Co., paper & pulp mills, Oconto Falls, Wis.
Falls Motors Corp., automobile, truck & marine engines, Sheboygan Falls, Wis.
Falls Rivet Co., Kent, Ohio.
Falls Rubber Co., Cuyahoga Falls, Ohio.
Falls & Withers, machsts. & fndrs., Louisville, Ky.
Fallston Fire Clay Co., Oliver Bldg., Pittsburgh, Pa.
Falst, Adam G., carriages, Chelsea, Mich.
Falstrom & Tornquist Co., cornices, Passaic, N. J.
Falt, J. P., Co., stone prod., 33 Lynn, Springfield, Mass.
Falter, Geo. A., stone, 917 S. Keeler av, Chicago, Ill.
Falter, Herman, meat packers, Columbus, Ohio.
Falulah Paper Co., Fitchburg, Mass.
Falvey, John J., bldg. contr., Somerville, Mass.
Falvey, Michael J., granite producer, 602 11th, N. W., Washington, D. C.
Famiglietti Bros. Co., contractors, 166 B'way, Providence, R. I.
Famous Filter Co., oil filters, 308 N. Commercial, St. Louis, Mo.
Famous Mfg. Co., agric'l implements, automobile bldrs., machsts. & fndrs., etc., East Chicago, Ind.
Famous Players Film Co., moving picture films, 485 5th av, New York.
Famous Trucks, Inc., St. Joseph, Mich.
Fancher Furn. Co., Dept. H, Salamanca, N. Y.
Fancher, H. M. & Co., architects, Panama Bldg., Portland, Ore.
Fancleve Spec. Co., junction boxes, Boston, Mass.
Fancourt, W. F., & Co., Inc., drawing compounds & oils, 516 S. Del., Phila., Pa.
Fandango Mills, paper, Millburn, N. J.
Fan Flame Spark Plug Co., Yonkers, N. Y.
Fanger Beet Harvester Co., 421 Michigan, Toledo, Ohio.
Fanke, F., Steam Trap Co., Milwaukee, Wis.
Fanner Mfg. Co., stone trimm'gs & iron stairs, Cleveland, Ohio.
Fannin, G. W., contrs., Macon, Ga.
Fanning, Chas. G., & Co., cut stone contrs., Cicero, Ill.
Fanning, Geo. H., architect, 221 Essex, Salem, Mass.
Fanning, J. P., models wk., 678 Jefferson av, Br'klyn, New York.
Fanning, P., granite, Quincy, Mass.
Fanning, Wm. T., architect, Colt Bldg., Paterson, N. J.
Fansher Bros., platers & polishers' supplies, Dayton, Ohio.
Fanslow Bros., machsts. & fndrs., Yankton, S. D.
Fansteel Products Co., poppet valves, tungsten contact points, etc., 215 N. Michigan av, Chicago, Ill.
Fantoni, Chas., architect, 550 Montgomery, San Francisco, Cal.
Fanwood Stone Crusher & Quarry Co., Scotch Plains, N. J.
Far West Clay Co., brick hollow bldg. blocks, Tacoma, Wash.
Far West Lumber Co., Tacoma, Wash.
Farad Elec. Co., cooking app., Engineers Bldg., Cleveland Ohio.
Faragher, B. P., landscape arch., 10600 Euclid av, Cleveland, O.
Faragher, Jno., scaffolds, Madison, Wis.
Faraquhar, R. A. J. & Co., landscape architect, 6 S. Market, Boston, Mass.
Farber, Abraham, architect, 1746 Pitkin av, B'klyn, N. Y.
Farber Clay & Mining Co., Farber, Mo.
Farber & Markwitz, architects, 189 Montague, Brooklyn, N. Y.
Farber, S. W., elec. light portable, 147 S. 5th, Brooklyn, N. Y.
Farbstein, Jos., contractors, 908 Walnut, Philadelphia, Pa.
Fard & Donneley, machsts. & fndrs., Kokomo, Ind.
Fargo Bridge & Iron Co., Fargo, N. D.
Fargo Cornice & Ornament Co., Fargo, N. D.
Fargo, E. A. Corp., aluminum ware, metal nov. & spec. Taunton, Mass. *See adv index at end of book.*
Fargo Fdry. Co., Fargo, N. D.
Fargo Iron & Metal Co., Fargo, N. D.
Fargo Mfg. Co., grounding devices & lugs, Poughkeepsie, N. Y.
Fargo Motor Car Co., 1164 W. 22d, Chicago, Ill.
Faribault Canning Co., Faribault, Minn.
Faribault Engine Mfg. Co., Faribault, Minn.
Faribault Furniture Co., Faribault, Minn.
Faribault Woolen Mill Co., Faribault, Minn.
Faries Mfg. Co., electric fixtures, Decatur, Ill.
Farish & Gray, bldg. contrs., 3d Nat. Bk. Bldg., St. Louis, Mo.
Farist Steel Co., Bridgeport, Conn.
Farley, C. H., & Co., glass stainers, Portland, Me.
Farley, Ed. & Son, stone producers, Columbia, Mo.
Farley, Frank C., architect, 333 4th av, New York.
Farley, Jas. A., contractor, 569 5th av, New York.
Farley & Loetscher Mfg. Co., ornamental woodwk, Dubuque, Ia.
Farley, W. E., & Bro., plastic orna., 3635 Market, Phila., Pa.
Farm Engng. Co., gasoline tractors, Sand Springs, Okla.
Farm Implement News Co., trade publication, 159 N. State, Chicago, Ill.
Farm Implements Publishing Co., trade publications, 1018 Lumber Exch., Minneapolis, Minn.
Farm Machy.—Farm Power, trade journal, 806 Pine, St. Louis, Mo.
Farm Progress, trade publication, 7th & Olive, St. Louis, Mo.
Farmer Coal & Supply Co., masons' & bldrs. matls., Asbury Park, N. J.
Farmer, Jas. E., steel struct. wk., 41 Judson av, New Haven, Conn.
Farmer, L. A., architect, Anacortes, Wash.
Farmer Roller Mill Co., Farmer, N. C.
Farmers' & Builders' Supply Co., Owego, N. Y.
Farmers' Canning Co., Dunreith, Ind.
Farmers' Canning Co., Mt. Carmel, Ill.
Farmers' Canning Co., Red Lion, Pa.
Farmers' Cement Tile Mach. Co., machsts., St. Johns, Mich.
Farmers' Co-operative Fertilizer Co., Richmond, Va.
Farmers' Co-operative Warehouse & Gin Co., Troy, Ala.
Farmers' Cotton Oil Co., Americus, Ga.
Farmer's Cotton Oil Co., meal, Farmersville, Tex.
Farmers Cotton Oil Co., Madill, Okla.

Farmer's Cotton Oil Co., La Grange, Ga.
Farmers Cotton Oil Co., fertilizer, Wilson, N. C.
Farmers' Cotton Oil & Fertilizer Co., Huntsville, Ala.
Farmers Cotton Oil & Fertilizer Co., Toccoa, Ga.
Farmer's Cotton Seed Oil Mill, Martin, Ga.
Farmers E. & C. Union Warehouse Co., fertilizer mfrs., Dewey Rose, Ga.
Farmers' Exchange, flour mills, Romney, W. Va.
Farmers Exchange Co., fertilizer mfrs., Union Bridge, Md.
Farmers' Fertilizer Co., Columbus, Ohio.
Farmers' Fertilizer & Feed Co., Westminster, Md.
Farmers' Fertilizer Works, Byromville, Ga.
Farmers' Fertilizer Wks., Elizabethtown, Pa.
Farmers' Fertilizer Wks., Milan, Ga.
Farmers' Flour Mills, Berthoud, Colo.
Farmers' & Ginners' Oil Mill, Austin, Tex.
Farmers' & Ginners' Cotton Oil Co., fertz. mfrs., Sulphur Springs, Tex.
Farmers' Ginning & Milling Co., flour, Rich Square, N. C.
Farmers' Grain & Milling Co., masons' & bldrs. matls., Sidney, Ohio.
Farmers Guano Co., fertilizer mfrs., Norfolk, Va.
Farmers' Machine Shop, Gueydon, La.
Farmers Manfg. Co., basket mfrs., Norfolk, Va.
Farmers' & Merchants' Milling Co., flour, Brooksville, Ky.
Farmers' Milling Co., flour, Beaver Dam, Ky.
Farmers Milling Co., flour, Tree, Va.
Farmers Mutual Benefit & Trading Co., machsts. & fdrs., Brooklyn, Wis.
Farmers' Oil & Fertz. Co., Texarkana, Tex.
Farmers Oil & Fertilizer Co., Texarkana, Ark.
Farmers' Oil Mill, fertz. mfrs., Newberry, S. C.
Farmer's Oil Mill, Royston, Ga.
Farmers & Planters' Co., fertilizer mfrs., Salisbury, Md.
Farmers' Roller Mills, flour, Spencer, W. Va.
Farmers Storage & Fertz. Co., Aiken, S. C.
Farmers' Union Fertilizer Co., South Hill, Va.
Farmers' Union Warehouse Storage & Mfg. Co., Conyers, Ga.
Farmersburg Brick & Tile Wks., Farmersburg, Ind.
Farmersville Mill & Light Co., Farmersville, Tex.
Farmington Milling Co., flour, Farmington, Mo.
Farmville Lbr. Co., Farmville, N. C.
Farmville Mfg. Co., handles, Farmville, Va.
Farmville Mills, flour, Farmville, Va.
Farmville Oil & Fertilizer Co., Farmville, N. C.
Farnam Bros. Co., contractors, Plymouth Bldg., Minneapolis, Minn.
Farnam-Cheshire Lime Co., 39 Cortlandt, New York.
Farnan Brass Works Co., 1105 Center N. W., Cleveland, Ohio.
Farnham, H. F., Co., sash, door & blind mfrs., Portland, Me.
Farnham, J. F., excelsior & lbr. mfrs., Union, N. H.
Farnham Mfg. Co., textile machy. supplies, etc., 39 Indiana, Buffalo, N. Y.
Farnham & Nelson Co., trunk racks, auto metal bodies, 47 Union av, Jamaica pl, Boston, Mass.
Farnham Printing & Stationery Co., 806 Lbr. Exch., Minneapolis, Minn.
Farnsworth Co., steam traps, Conshohocken, Pa.
See adv index at end of book.
Farnsworth, Hoyt & Co., shoe buttons, 58 Lincoln, Boston, Mass.
Farnsworth Packing Co., Brooklin, Me.
Farnsworth, R. & P., contrs., Owensboro, Ky.
Farnum & Co., granite, 1088 Westminster, Providence, R. I.
Farnum, J. B., Co., mill & facty. supplies, Woonsocket, R. I.
Farnum, Jas. J., Sr., architect, Chester, Pa.
Farnworth Co., flannels-woolen, Lisbon Center, Me.
Farquhar, A. B., Co., Ltd., farm machy., hydraulic press & implement mfrs., York, Pa.
Farquhar Furnace Co., Wilmington, Ohio.
Farquhar Machy. Co., dlrs. & mill & facty. supplies, Jacksonville, Fla.
Farquhar, Robt. I., architect, Lee Bldg., Los Angeles, Cal.
Farquharson, D. B., contr., 1760 Ellis, San Francisco, Cal.
Farquharson, Robt., granite producers, South Ryegate, Vt.
Farr, Albert, architect, 68 Post, San Francisco, Cal.
Farr & Bailey Mfg. Co., oil cloth mfrs., Camden, N. J.
Farr-Barnes Lbr. Co., Columbia, S. C.
Farr, D., flour mills, Franklin, Tenn.
Farr Mfg. Co., soap, cutting & drilling oils & compounds, N. Tonawanda, N. Y.
Farra, Harry W., contractor, West Chester, Pa.
Farrand, Teo. S., contractor, Verona, N. J.
Farrar & Guy, lumber & contractors, 312 Quincy B., Denver, Colo.
Farrar Iron & Steel Co., Buffalo, N. Y.
Farrar Lumber Co., Dalton, Ga.
Farrar Lbr. Co., bldrs. mtls., Dept. H, Texas & Dowling, Houston, Tex.
Farrar Pump & Machy. Co., pumps, Granite Bldg., St. Louis, Mo.
Farrar, R. L., flour mills, Mulberry, Tenn.
FARRAR & TREFTS, INC., engineers, founders, etc., Buffalo, N. Y. *See adv index at end of book*
Farrar, Victor C., architect, 4 E. 39th, New York.
Farrel, John & Son, agric. impits., Newton, N. J.
Farrel Foundry & Machine Co., paper & pulp mill, rolling mill, rubber & stone working machy., etc., Ansonia, Conn.
Farrell, Andrew & Sons, granite, Westerly, R. I.
Farrell, C. H., & Co., sash, door & blind, 6 Northampton, Boston, Mass.
Farrell-Cheek Steel Foundry Co., Sandusky, Ohio.
Farrell & Conaton, steam fitters' supplies, Lowell, Mass.
Farrell, Francisco, Llado & Co., corkwood imptrs., Haw Tree Creek rd, Woodhaven, N. Y.
Farrell, James F., stone producer, Covington, Ky.
Farrell, Jas. P., & Co., contractors, 1621 Sansom, Phila., Pa.
Farrell, John, & Sons, drum hoists, Newton, N. J.
Farrell, M., & Sons, contractors, Hoboken, N. J.
Farrell, M. & T. E., contractors, West Chester, Pa.
Farrell & Reed, contractors, 3d & Mission, San Francisco, Cal.
Farrell Valve & Specialty Co., valves & cocks, Austin Bldg., Buffalo, N. Y.
Farrell, W. J., cork mfr., bottle openers, 325 Washington, New York.
Farrell, Wm., architect, 82 E. 236th, New York.
Farrend, Mrs. Beatrix, architect, 21 E. 11th, New York.
Farrer Thermometer Co., 1301 Boston rd, New York.
Farriby, J. N., machsts. & fndrs., Ubly, Mich.
Farrier, Clarence W., architect, 5700 S. Peoria, Chicago, Ill.
Farrin, M. B., Lumber Co., Station av & Winton pl, Cincinnati, Ohio.
Farrington Case Co., 116 Nassau, New York.
Farrington & Co., window springs, Mt. Vernon, N. Y.
Farrington, Frank, Co., contractors, Scherer Bldg., Detroit, Mich.
Farrington Mfg. Co., door stops, 23 Vale, Boston, Mass.
Farrington, Robt. M., architect, Grand Cent. Term., New York.
Farrington, W. U. (Est. of), soaps, East Greenwich, R. I.
Farris Bridge Co., steel struct. wk. & mine tipples, Charleston, W. Va.
Farris, Jos., grate bar mfrs., Springfield, Ill.
Farris Milling Co., flour, Cave City, Ky.
Farrish, Arthur, Lumber Co., Asotin, Wash.
Farrow Arms Co., mchsts., 210 2d N. W., Washington, D. C.
Fars, Fred. F., architect, Schmulbach Bldg., Wheeling, W. Va.
Farwell Cornice Co., 3935 Southport av, Chicago, Ill.
Farwell, J. B., & Co., masons' & bldrs.' matls., Oswego, N. Y.
Farwell, Mila S., architect, Northwestern Bk. Bldg., Portland, Ore.
Farwell Mills, cotton sheetings, Lisbon, Me.
Farwell, Ozmun, Kirk & Co., wholesale hdwe., St. Paul, Minn.
Farwell & Rhines, Inc., flour mills, Watertown, N. Y.
Faser Bros., elec. contrs., San Jose, Cal.
Fash, Robt. A., architect, 163 W. 20th, New York.
Fashion Button Wks., 344 W. 38th, New York.
Fashion Silk Mfg. Co., umbrella cloth, Paterson, N. J.
Fass, Jos., & Co., contractors, Madison, Wis.
Fasset, J. E., Boiler Works, Wellsville, Ohio.
Fassett, Fred W., lumber mfrs., Wellsville, N. Y.
Fassett, M. L., sashes, doors & blinds, Findlay, Ohio.
Fassler, Jacob, desk mfr., Utica, N. Y.
Fassnacht, A., & Sons, carriages, Chattanooga, Tenn.
Fastfeed Drill & Tool Corp., Toledo, Ohio.
Fate-Root-Heath Co., brick & clay machinery, Plymouth, Ohio.
Fath Construction Co., 5103 Euclid av, Cleveland, Ohio.
Fathauer, Theo., Co., lbr., 1428 Cherry av, Chicago, Ill., & Helena, Ark.
Fatzler, Fred, Co., contractors, 810 Broad, Newark, N. J.
Faucher Bros., contractors, 58 Front, Worcester, Mass.
Faudel, Henry J., stone producer, Independence, Ohio.
Faul & Timmins, metallic gaskets, seats, Buffalo, N. Y.
Faul, Wm. J., Co., lubrg. oils, 133 Front, New York.
Faulkenberry Fdry. & Mach. Co., Andalusia, Ala.
Faulkner, Chas. D., architect, 140 Dearborn, Chicago, Ill.
Faulkner, D. A., machinist, Woodland, Cal.
Faulkner, Frank G., contractor, Sedalia, Mo.
Faulkner Lumber Co., sash, door & blind, Pittsfield, Mass.
Faulkner & Mealing, lbr., North Augusta, S. C.
Faulkner, R. E., mill & factory supplies, Dept. H, Palmer, Mass.
Faulks, Jas. H., Co., cornices & skylights, Elizabeth, N. J.
Faultless Anchor & Mfg. Co., mop sticks, Centerburg, Ohio.
Faultless Caster Co., Evansville, Ind.
Faultless Engine Co., 1511 Cypress av, Kansas City, Mo.
Faultless Iron Works, machsts. & fndrs., St. Charles, Ill.
Faultless Rubber Co., rubber goods, Ashland, Ohio.
Faultless Starch Co., 1025 W. 8th, Kansas City, Mo.
Faunt Bros., brass castings, 1555 Fulton, Chicago, Ill.
Faust Bros. Lbr. Co., Jackson, Miss.
Faust, J. U., & Co., lumber, Paducah, Ky.
Faust, John K., & Son, contractors, Reading, Pa.
Faust Lbr. Co., Antigo, Wis.
Faust, Samuel, contractor, New Castle, Ind.
Faville, Wm. B., archit., Balboa Bldg., San Francisco, Cal.
Favor, Frank M., masons' & bldrs.' matls., Gardner, Mass.
Favor, Ruhl & Co., architects' instruments, 43 W. 23d, New York.
Favorite Boiler Compaund Co., 8568 Vine av, Chicago, Ill.
Favorite Mfg. Co., see New Favorite Mfg. Co. (successor).
Favorite Stove & Range Co., Piqua, Ohio.
Favret, Lionel F., contractor, 307 Tulane Newcourt, New Orleans, La.
Favrot & Livaudais, architects, Perrin Bldg., New Orleans, La.
Faw, J. H., Inc., auto. creepers, 27 Warren, New York.
Fawcett, C. E., mill & facty. supplies, Cedar Rapids, Ia.
Fawcett, Hughes, harness twine, 115 Franklin, New York.
Fawcett, Wm., bldg. contr., Duluth, Minn.
Fawcus Machine Co., cut gears & special mach., 2818 -2828 Smallman, Pittsburgh, Pa. *See adv index at end of book.*
Faxon & Gallagher Drug Co., whol. & retail plate & window glass, 80 B'way, Kansas City, Mo.
Fay Belting Co., leather, 151 Lafayette, New York.
Fay & Bowen Engine Co., Geneva, N. Y.
Fay Bros., machy. dlrs., Jeanerette, La.
Fay Bros. & Co., lumber mfrs., Cedar Rapids, Ia.
Fay, Edward, & Son, building contractors, 2 S. Mole, Phila., Pa.
Fay, Geo. H., Co., machy. dlrs., plbrs. & steamfitters' supplies, 599 Mission, San Francisco, Cal.
Fay Improvement Co., Phelan Bldg., San Francisco, Cal.
Fay, J. A., & Egan Co., wood working machinery, Cincinnati, Ohio.
Fay-Kultgen Fdy. Co., St. Joseph, Mich.
Fay Mach. Tool Co., 2d & Glenwood av, Philadelphia, Pa.
Fay, Robert, pianos, 567 Valencia, San Francisco, Cal.
Fay & Scott, engine lathes, mill & facty. supplies, Dexter, Me.
Fay, S. C., & Co., Inc., contrs., Springfield, Mass.
Fayette Canning Co., Fayette & Washington Court House, Ohio.
Fayette Coal Corp., bituminous, 1st Nat'l Bank bldg, Pittsburgh, Pa.
Fayette Coke Co., New Salem, Pa.
Fayette Lumber Co., Connellsville, Pa.
Fayetteville Canning Co., Fayetteville, Ark.
Fayetteville Mfg. Co., butchers' blocks, Fayetteville, N. Y.
Fayetteville Milling Co., flour, Fayetteville, Tenn.
Fayetteville Oil Co., Fayetteville, Ga.
Fayfield, Robert C., architect, Iroquois Bldg., Buffalo, N. Y.
Fead, John L., & Sons, knitted gloves, Port Huron, Mich.
Feaga, Gaylord W., contractor, Citizens' Bldg., Cleveland, Ohio.
Feagans, W. C., flour mills, Wheatland, W. Va.
Fear, Fred, Match Co., Bloomsburg, Pa.
Fearless Dishwasher Co., Rochester, N. Y.
Fearnley, Arthur J., tex. mach'y, supplies (slashers, reeds), Fall River, Mass.
Fearon Brown Co., camphor, oils, 96 Wall, New York.
Fearon, F. G., Co., contractors, 280 Madison av, New York.
Fearon Lumber & Veneer Co., Ironton, Ohio.
Fearon-Tillotson Fndry. Co., 1420 W. Kinzie, Chicago, Ill.
Feather, N. B., mercury testing columns, Hackett, Newark, N. J.
Feather River Lbr. Co., Chamber of Comm. bldg, Denver, Colo.

Featherbone Whip Co., Westfield, Mass.
Featheredge Rubber Co., rubber sponge mfrs., 408 W. Grand av, Chicago, Ill.
Featherley, Emmett R., Jr., architect, 443 11th, Niagara Falls, N. Y.
Featherweight Eyeshade Co., Merchantville, N. J.
Febrey, E. J., & Co., heating contractors, Pacific Bldg., Washington, D. C.
F. & E. Check Protecting System, 227 West Erie, Chicago, Ill.
Fechheimer, A. Lincoln, architect, Union Trust Bldg., Cincinnati, Ohio.
Fechheimer Steel & Iron Co., Allentown, Pa.
Fedders Mfg. Co., water cooling radiators, Buffalo, N. Y.
Fedeli, A F., Co., contractors, Vickers bldg, Baltimore, Md.
Federal Adding Mach. Corp., cutters, jigs, etc., 251 4th av, New York.
Federal Asbestos Co., Milwaukee, Wis.
Federal Bearings Co., ball bearings, Poughkeepsie, N. Y.
Federal Bearing & Bushing Corp., 1448 Trombly, Detroit, Mich.
Federal Body Co. of N. Y., 250 W. 54th, New York.
Federal Brass & Bronze Co., machsts.' & fndrs.' castings, Ridge, Astoria, N. Y.
Federal Brass Mfg. Co., plumbing, brass goods, 1000 Champlain av, N. W., Cleveland, Ohio.
Federal Brass Wks., 3100 S. Kedzie, Chicago, Ill.
Federal Bridge Co., Des Moines, Ia.
Federal Bridge & Structural Co., Waukesha, Wis.
Federal-Buster Corp., toys, 304 Lexington av, Pittsburgh, Pa.
Federal Button Co., 365 Market, Newark, N. J.
Federal Cement Tile Co., 920 Westminster Bldg., Chicago, Ill.
Federal Chemical Co., fertilizer mfrs., phosphate rock, Louisville, Ky.
Federal Clay Product Co., Mineral City, Ohio.
Federal Composition & Paint Co., Ltd., marine paint, 17 Battery Pl, New York.
Federal Concrete Co., 2675 Main, Buffalo, N. Y.
Federal Construction Co., Odd Fellows Bldg., St. Louis, Mo.
Federal Construction Co., Sharon Bldg., San Francisco, Cal.
Federal Constr. Co., Hartman bldg, Columbus, Ohio, & Dis. Nat'l Bank bldg, Washington, D. C.
Federal Container Co., corrugated fibre products, 25th & Locust, Phila., Pa.
Federal Creosoting Co., Louisville, Ky.
Federal Dyestuff & Chemical Corp., 2 Rector, New York.
Federal Elec. Co., 640 W. Lake, Chicago, Ill.
Federal Elec. Welder Co., Warren, Ohio.
Federal Enam. & Stamping Co., ash cans, Thompson & Chartiers, Pittsburgh, Pa.
Federal Equipment Co., bank fix., Carlisle, Pa.
Federal Export Corp., steel & machy. dlrs., 42 Broadway, New York.
Federal Felting Co., Westerly, R. I.
Federal Filter Co., 1364 Grand av, Chicago, Ill.
Federal Fdy. Co., Indianapolis, Ind.
Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio.
Federal Furnace Co., 108 & Calumet River, Chicago, Ill.
Federal Gear Co. of Cleveland, Cleveland, Ohio.
Federal Glass Co., Columbus, Ohio.
Federal Granite Brick Co., common brick, Scranton, Pa.
Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio.
Federal-Huber Co., machsts. & fndrs, plumbers' supplies—jobbers, 234 N. Halsted, Chicago, Ill.
Federal Knitting Mills Co., cardigans, sweaters, Detroit & W. 29th, Cleveland, Ohio.
Federal Lumber Co., Guardian Bldg., Cleveland, Ohio.
Federal Machy. Sales Co., 12 N. Jefferson, Chicago, Ill.
Federal Machy. Sales Co., mill & facty. supplies, 212 Sycamore, Milwaukee, Wis.
Federal Malleable Co., castings, West Allis, Wis.
Federal Mfg. Co., brass finishers, 168 W. Long, Columbus, O.
Federal Metal Weather Strip Co., 1238-1250 Fullerton av, Chicago, Ill.
Federal Metallic Packing Co., 48 Hanover, Boston, Mass.
Federal Milling Co., flour, Lockport, N. Y.
Federal Miniature Lamp Division Nat'l Lamp Wks. of G. E. Co., 920 S. Michigan av, Chicago, Ill.
Federal Motor Truck Co., motor fire engines, Federal & Campbell avs, Detroit, Mich.
Federal Packing Co., canned goods, Enosburg Falls, Vt.
Federal Paper Board Co., Inc., Bogota, N. J.
Federal Paper Stock Co., cotton waste, 1814 N. Main, St. Louis, Mo.
Federal Parquetry Mfg. Co., 3 W. 14th, New York.
Federal Plate Glass Co., Ottawa, Ill.
Federal Pressed Steel Co., Keefe av & N. Pierce, Milwaukee, Wis.
Federal Process Co., paint mfrs., Cleveland, Ohio.
Federal Record Corp., Albany, N. Y.
Federal Refractories Co., brick, ores, etc., Cleveland, Ohio.
Federal Rope Co., cordage & rope mfrs., Morgan av & Ten Eyck, Brooklyn, N. Y.
Federal Rubber Co., The, auto tires, Cudahy, Wis.
Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.
Federal Screw Corp., wood screw, 393 Harris av, Providence, R. I.
Federal Shipbldg. Co., Kearny, N. J.
Federal Sign System, fire alarms, elec'l horns, etc., 8700 S. State, Chicago, Ill.
Federal Signal Co., railway signals, etc., Albany, N. Y.
Federal Snap Fastener Corp., 27 W. 31st, New York.
Federal Stamping Co., damper clips, ash sifter cover, etc., Holland, Mich.
Federal Steam & Gas Supply Co., 36 Purchase, Boston, Mass.
Federal Steel Cement Mills, hardeners (concrete), 2639 E. 79th, Cleveland, Ohio.
Federal Steel Fixture Co., metallic lockers, etc., 8700 S. Halstead, Chicago, Ill.
Federal Steel Fdry. Co., Chester, Pa.
Federal Sugar Refining Co., 91 Wall, New York.
Federal Supply Co., mill & facty. supplies, Bridgeport, Ill.
Federal Terra Cotta Co., architectural, 101 Park av, New York.
Federal Tool & Alloy Steel Corp., 233 Broadway, New York.
See adv. index at end of book.
Federal Tool Co., 2512 W. Monroe, Chicago, Ill.
Federal Tool & Machine Co., thread gauges, Camden, N. J.
Federal Window Co., puttyless windows, 445 E. Water, Milwaukee, Wis.
Federated Glass Co., Point Marion, Pa.
Federation Constr. Co., Sioux City, Ia.
Fee-Crayton Harwood Lumber Co., Dermott, Ark.

Fee, Grant, contractor, 2440 16th, San Francisco, Cal.
Fee & Mason, plates, clamps, straps, hangers, etc., 81 Beekman, New York.
Feedingstuffs, trade journal, Woolworth bldg, New York.
Feeley, Wm. J., Co., The Art Metal Work, 169 S. Angell, Providence, R. I.
Feely, John, contractor, Ogdensburg, N. Y.
Feenaughty Mach. Co., road machy., Portland, Ore.
Feeney & Atherton, granite producers, Woodstock, Md.
Feeney & Bremer Co., Tillamook, Ore.
Feeney, Jno., cornices, 1 N. Grove, Boston, Mass.
Feeney & Sheehan Bldg. Co., building contractors, 164 Montgomery, Albany, N. Y.
Feeny Mfg. Co., clothes line reels, vacuum cleaners, Muncie, Ind.
Feeser, A. W., & Co., canned goods, Silver Run, Md.
Feeser, Frank S., Co., tool kits, auto. radiator covers, 1033 Shelby, Indianapolis, Ind.
Fegan, Owen J., contractor, Mount Vernon, N. Y.
Fegely, J., & Son, steam fitters' supplis., and whol. hdwe., Pottstown, Pa.
Fegley, Morris, lumber, Pine Grove, Pa.
Fehl, Henry, carriages, Springfield, Ohio.
Fehleisen, Rosacker, Lbr. Co., Boone, Ia.
Fehlig Bros. Box Mfg. Co., 1909 Washington, St. Louis, Mo.
Fehlig Const. Co., Theresa av & Hickory, St. Louis, Mo.
Fehn, Sidney M., archetct, College Point, N. Y.
Fehring Carriage Co., Columbus, Ind.
Feick Bros. Co., surg'l instru., 809 Liberty av, Pittsburgh, Pa.
Feick, Geo., & Sons, contractors, Sandusky, Ohio.
Feich, John A., contractor, Sandusky, Ohio.
Feidt, Geo. D., & Co., viscosimeters, 244 N. 5th, Philadelphia, Pa.
Feigel, M., & Bro., paint, varnish, etc., 185 Wooster, New York.
Feigenbaum Trunk & Bag Co., 1272 W. 6th, Cleveland, Ohio.
Feigenspan, C. & Co., advtg. nov. & calendars, Cincinnati, Ohio.
Feil, Chas. W., architect, Williamsport, Pa.
Feilbach Motor Co., machsts., Weil & Burleigh, Milwaukee, Wis.
Fein, J., architect, 215 Snedecker av, Brooklyn, N. Y.
Feinberg, Abe, scrap iron & steel, Muncie, Ind.
Feinberg & Feinberg, furniture tops, 433 4. 42d, New York.
Feinburg, David, Co., scrap rubber, 11 B'way, Chelsea, Mass.
Feindel, H. A., masons & bldg. materials, Wakefield, Mass.
Feine, August, & Sons Co., machsts., 140 Terrace, Buffalo, N. Y.
Feiner, I. G., architect, 505 5th av, New York.
Feiner, P., cornices, 335 W. 44th, New York.
Feis, Chas. J., Co., advtg. spec., 257 W. 17th, New York.
Feist, John, & Sons Co., sash, door & blind mfrs., 115 Ash, Buffalo, N. Y.
Feitel, Dan W., Bag Co., burlap bags, S. Claiborne & Erato, New Orleans, La.
Feitel, Maurice, masons' & bldrs.' matls., 3722 Tulane av, New Orleans, La.
Felber Sales Co., waste, wiping, rags, etc., Superior & 38th, Cleveland, Ohio.
Felch, L. G., lumber, Monroe Center, Ohio.
Feld, Geo. A., Co., tin plate, 162 E. 129th, New York.
Feldbake, J. J., cornices & skylights, Effingham, Ill.
Feldheim, Lyman, Co., sash, door & blind mfrs., Erie, Pa.
Feldman, Chas. H., cornices & skylights, St. Peter, Minn.
Feldman, H. & Co., scrap rubber, 324 S. Del., Philadelphia, Pa.
Feldman, Jno., archl. iron, 1323 Gates av, Brooklyn, N. Y.
Feldman, J., Co., steel wire, Jersey City.
Feldman, L. A., Fixture Co., 24 W. 30th, New York.
Feldman Mfg. Co., see Nat'l Elec. Water Heater Corp. (successors).
Feldman System Mfg. Co., loose leaf devices, 2308 Armitage av, Chicago, Ill.
Feldmann, L., & Co., brooms, 417 Montgomery, San Francisco, Cal.
Feldstein, Chas. H., Co., hair cloth mfrs., 1839 Madison, Philadelphia, Pa.
Felgemaker, A. B., Erie Organ Co., Erie, Pa.
Felgenhauer, Frank J., Co., contractors, 4 Court sq, B'klyn, N. Y.
Felger & Caston, brick, Arcola, Ind.
Felin, Chas. F. & Co., interior hardwood, lbr., window frames, etc., Old York rd. & Butler, Phila., Pa.
Felin, John J., & Co., meat packers, 4142 Germantown, Philadelphia, Pa.
Felix, Girard, Co., Inc., insecticides & gopher poison, 4th av So. & Franklin, Minneapolis, Minn.
Felker Bros., lbr., Rochester, N. H.
Felker Bros. Mfg. Co., steel tanks, Mansfield, Wis.
Felker, L. J., architect, Weiser, Idaho.
Fell, Adolph, mill & facty. supplies, Mt. Vernon, N. Y.
Fell, Hy. R., Co., reinf. concrete steel const., Trenton, N. J.
Fell, Jos. E., machsts. & fndrs., Ogdensburg, N. Y.
Fell, W. J., lbr. mfrs., Salt Lick, Ky.
Fellabom, L. H., contractor, Wellesley & Heberton av, Pittsburgh, Pa.
Fellers Bros., lumber, Harriette, Mich.
Fellheimer, Alfred, architect, 5 E. 42d, New York.
Felli, P. C., & Co., see Rossi Bros. Co. (successors).
Fellner, Geo. C., contr., Litchfield, Ill.
Fellows, Azro, mill & facty. supplies, Belvidere, Ill.
Fellows, C. A., contr., Central bldg, Los Angeles, Cal.
Fellows & Co., ladders, 234 Friend, Boston, Mass.
Fellows Gear Shaper Co., machsts. & fndrs., Springfield, Vt.
Fellows, Gertrude F., lbr., West Brentwood, N. H.
Fellows, J. B., & Co., lawn sprinklers, Boston, Mass.
Fellows, John N., contractor, Columbia, Mo.
Fellows & Son, packing boxes, Manchester, N. H.
Fellows & Stewart, Inc., shipbldrs., Wilmington, Cal.
Fellows, Wm. K., architect, 814 Lower Court, Chicago, Ill.
Felirath, John B., Co., wooden shoes, Fond Du Lac, Wis.
Fellsen Tire Co., 1995 B'way, New York.
Fellweck Auto. & Mfg. Co., windshields, Evansville, Ind.
Felmlee, Oscar R., architect, New Windsor, Colo.
Fels, Arthur B., heating contr., Portland, Me.
Fels & Co., soap, oxygen & hydrogen, 73rd & Woodland av, Philadelphia, Pa.
Fels Fibre Fabric Co., Lowell, Mass.
Felsberg, B. G., architect, 1328 B'way, New York.
Felsenthal, G., & Sons, advtg. spec., 446 Wells, Chicago, Ill.
Felson, J. M., architect, 1133 B'way, New York.
Felss Flour Milling Co., Cincinnati, Ohio.
Felsworth Lime Co., Staunton, Va.
Felt & Almy, masons' & bldrs.' matls., Randolph, N. Y.
Felt Lbr. Co., Salt Lake City, Utah.
Felt, J. H., & Co., architects, Grand av Temple, Kansas City, Mo.
Felt Specialty Mfg. Co., see Brawley, T. R. (successor).

Felt & Tarrant Mfg. Co., adding & computing machines, 1717 N. Paulina, Chicago, Ill.
Felters Co., felt mills, 103 Bedford, Boston, Mass.
Feltes & Donegan, machsts., 1410 Kansas av, Kansas City, Mo.
Felton, M., Sons Co., contractors, Covington, Ky.
Felton Packing & Mfg. Co., canned goods, Felton, Del.
Felton, S. A., & Son Co., brushes—fdry., mach., factory, etc., Manchester, N. H.
Felton, Sibley & Co., paint mfrs., 136 N. 4th, Philadelphia, Pa.
Felton & Son, gin distillers, 516 E. 2d, Boston, Mass.
Felton-Turner Heating Co., 34 Warren, Boston, Mass.
Felton, Wm. F., contractor, 1450 Michigan av, Buffalo, N. Y.
Feltus Bros., mill & facty. supplies, whol. hdwe., Natchez, Miss.
Femwick, C. C., contr., St. Joseph, Ill.
Fenderson, W. N., canned goods, Chebeague Island, Me.
Fenestra Constr. Co., Evans bldg, Washington, D. C.
Fenhagen, Geo. C., architect, 11 E. Pleasant, Baltimore, Md.
Fenimore, Edw. C., contractor, 8 E. Broad, Columbus, Ohio.
Fening-Stockman Iron Works Co., 1113 Gest, Cincinnati, Ohio.
Fenn, C. E., & Co., marble, granite, 38 S. Dearborn, Chicago, Ill.
Fenn Mfg. Co., post hole augers, Charlotte, Mich.
Fenn Mfg. Co., tapping & drilling machines, cutter grinders & special machinery mfrs., 385 Broad, Hartford, Conn.
Fenn Ventilator Co., rotary ventilator mfrs., 94 Blackstone, Boston, Mass.
Fenn, Wm. J., cornices, Johnstown, Pa.
Fennell, Geo. H., & Co., heating contractors, Newport, Ky.
Fennell, James S., contractor, 180 Jessie, San Francisco, Cal.
Fennell, John J., & Sons, horse lawn boots, Cynthiana, Ky.
Fenner, Brut L., architect, 101 Park av, New York.
Fenner, Geo. L., varnish mfrs., West av, Long Isl. City, N. Y.
Fenno, Ed. K., contrs., Esnblm Bldg., Syracuse, N. Y.
Fenollosa, White & Shufeldt, landscape archts., 101 Tremont, Boston, Mass.
Fensholt & Fechner, mill & facty. supplies, 16 S. Clinton, Chicago, Ill.
Fenske Bros., upholstered, furniture, Dept. H, 1666 McHenry, Chicago, Ill.
Fenter, S. R., architect, Albany, Ga.
Fensterer & Ruhe, elec'l glassware, 37 Murray, New York.
Fenton Art Glass Co., table, Williamstown, W. Va.
Fenton Construction Co., marble prod., Knoxville, Tenn.
Fenton, David, ship bldr., Manchester, Mass.
Fenton Fibre Box Co., North Tonawanda, N. Y.
Fenton Label Co., 9th & Thompson, Philadelphia, Pa.
Fenton Mach. Tool & Die Co., Fenton, Mich.
Fenton & Sons, Box & Lbr. Co., North Tonawanda, N. Y.
Fenwick-Reddaway Mfg. Co., belting, 46 Paris, Newark, N. J.
Fenwood Lumber Co., Wausau, Wis.
Ferber, C. H., architect, 18 W. 7th, Cincinnati, Ohio.
Ferber Constr. Co., Hackensack, N. J.
Ferdinand, L. W., & Co., marine glue and linoleum cement mfrs., 154 Kneeland, Boston, Mass. *See adv. index at end of book.*
Ferdon, architect, St. Petersburg, Fla.
Ferge, Hy., bldg. contr., 421 Milwaukee, Milwaukee, Wis.
Fergus Casket Works, Fergus Falls, Minn.
Fergus Falls Knitting Wks., Fergus Falls, Minn.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fergus Iron Works Co., machsts. & fndrs., Fergus Falls, Minn.
Fergus Mfg. Co., sashes, doors & blinds, Fergus Falls, Minn.
Fergus Packing Co., meat, Fergus Falls, Minn.
Ferguson Bros. Mfg. Co., Dept. H, Hoboken, N. J.
Ferguson, C. E., Saw Mill, lumber, Little Rock, Ark.
Ferguson, Chas. A., architect, Arcade, Nashville, Tenn.
Ferguson & Clarke, lbr. mfrs., 517 Flushing av, B'klyn, N. Y.
Ferguson, Cowan, S. J., Lbr. Co., nr. McLain, Miss.
Ferguson & Edmondson Co., contractors, Keystone Bldg., Pittsburgh, Pa.
Ferguson, F., & Son, machsts. & fndrs., Hoboken, N. J.
Ferguson Finlay F., architect, Law Bldg., Norfolk, Va.
Ferguson-Flanigan Co., contractors, Vickers Bldg., Cleveland, O.
Ferguson, Frank W., architect, 33 W. 42d, New York.
Ferguson Furnace Co., Toledo, Ohio.
Ferguson, G. B., trunk, McCall Bldg., Memphis, Tenn.
Ferguson, Geo. N., brass & composition fndrs., Bloomfield, N. J.
Ferguson, H. E., contractor, Richmond, Va.
Ferguson, H. K. Co., industrial engnrs., 6523H Euclid av, Cleveland, Ohio.
Ferguson, Hardy S., mill engr., 200 5th av, New York.
Ferguson Hardwood Co., Paducah, Ky.
Ferguson, Henry, canned goods, Elwood, Ind.
Ferguson, Hugh, concrete steel constr., Pittsburgh Life Bldg., Pittsburgh, Pa.
Ferguson & Hunt, masons' & bldrs.' matls., Rosedale, Ind.
Ferguson, J. B., & Co., consulting civil & mech. engnrs., Hagerstown, Md.
Ferguson, James, railroad ties, Montgomery City, Mo.
Ferguson, John W., & Co., contractor, 253 B'way, New York.
Ferguson, Jno. W., Co., contractors, Paterson, N. J.
Ferguson & Lange Fndry. Co., Clybourne av & Willow, Chicago, Ill.
Ferguson Lumber Co., Rockville, Ind.
Ferguson Mfg. Co., machsts., Dubuque & Waterloo, Iowa.
Ferguson Pub. Co., trade publications, 90 West, New York.
Ferguson, Robt. B., contractor, 254 Lee av, Brooklyn, N. Y.
Ferguson & Son, contractors, 1739 Union, San Francisco, Cal.
Ferguson Steel & Iron Co., shipbuilders, structural steel, whol. etc., Bailey av, B'way, Buffalo, N. Y.
Ferguson Supply Co., plumbers' supplies—jobbers, Grand Rapids, Mich.
Ferguson Synstone Co., concrete bldg. block machy., Century Bldg., Denver, Colo.
Ferguson, Thos., contractor, 192 Bradhurst av, New York.
Ferguson, W. T., Lbr. Co., Wright Bldg., St. Louis, Mo.
Ferguson & Wheeler, lumber, Poplar Bluff, Mo.
Ferguson, Wm. M., masons' & bldrs.' matls., Tipton, Mo.
Ferguson, Wm., & Son, contractors, 405 E. 21st, Phila., Pa.
Ferguson & Palmer Co., lumber, Memphis, Tenn.
Ferguson's, Wm. A., Sons, stone, Little Falls, N. J.
Fergusson, Alex. C., Jr., chemicals & dyestuffs, 474 Chestnut, Phila., Pa. *See adv index at end of book*
Fergusson Bros., chemicals, 109 Chestnut, Philadelphia, Pa.
Fern, Russel E., Co., contrs., Scranton, Pa.
Fernald Co., masons' & bldrs.' matls., 221 Tehama, San Francisco, Cal.
Fernald, Keene & True Co., canned goods, West Poland, Me.
Fernald Mfg. Co., machsts. & fndrs., North East, Pa.
Fernald, Willmont L., lumber, Logansport, Ind.
Ferndale Canning Co., Ferndale, Wash.
Ferndon, J. H., tuprentine, Homerville, Ga.
Fernekes, Max, architect, Ry, Exchange Bldg., Milwaukee, Wis.
Fernholtz Brick Machinery Co., machsts., Boyle & Vandeventer av, St. Louis, Mo.
Fernholtz Machy. Co., briquetting & clay working machy., 2053 E. 38th, Los Angeles, Cal. *See adv index at end of book.*
Fernschild, G. J., Jr., architect, 29H Broadway, New York.
Fernschild, Geo. J., Jr., architect, 192 Main, New Rochelle, N. Y.
Fernstenmaker, W. E., brick, Pickerington, Ohio.
Fernstrum, Frank G., tubular boilers, Menominee, Mich.
Fernwood Lbr. Co., Fernwood, Miss.
Fero Elec. Air Pump Co., Wilkinsburg, Pa.
Ferofilm Co., boiler compounds, Utica, N. Y.
Ferracute Mach. Co., Bridgeton, N. J.
Ferrary Bros. Co., tex. machy., hooks (reed), Paterson, N. J.
Ferree, E. H., Co., machsts., leather & metal novelties & notions, Lockport, N. Y.
Ferrehee, A. O., architect, 520 Crawford, Portsmouth, Va.
Ferrell, A. T., & Co., agricultural implements, Saginaw, Mich.
Ferrell Brake & Mfg. Co., Cassius av, S. E., Cleveland, Ohio.
Ferrell, C. A., architect, Little Rock, Ark.
Ferrell, M. F., & Son, canned goods, Haymakertown, Va.
Ferrenz, Tirrell John, architect, 645 N. Michigan av, Chicago, Ill.
Ferrier, E. L., & Co., contractors, Ellensburg, Wash.
Ferrin, F. M., wire cables, 3 Park, Boston, Mass.
Ferris Bros., cornices & skylights, South Manchester, Conn.
Ferris, Chas. S., sash, door & blind mfr., 232 McCullough, Cincinnati, Ohio.
Ferris, F. A., & Co., meat packers, 262 Mott, New York.
Ferris, Geo. A., architect, Reno, Nev.
Ferris, John, Jr., brushes, 400 B'way, Albany, N. Y.
Ferris, Jno. & Sons, lbr., Brookville, Ind.
Ferris, O. J., paint, Plainville, Ohio.
Ferris Pressed Brick Co., Ferris, Tex.
Ferris Steam Mortar Wks., masons' & bldrs.' matls., 632 Galloway av, Columbus, Ohio.
Ferris, Theo. E., naval architect, 30 Church, New York.
Ferro Brick Co., Watsontown, Pa.
Ferro Concrete Constr. Co., Dept. H, Third & Elm, Cincinnati, O.
Ferro Concrete Products Co., agrl. implt. steel, 53 W. Jackson blvd, Chicago, Ill.
Ferro Construction Co., 537 S. Dearborn, Chicago, Ill.
Ferro Enameling Co., Sweetland Bldg., Cleveland, Ohio.
Ferro Machine & Foundry Co., grey iron casting for automobiles, trucks & tractors, etc., E. 66th & Hubbard av, Cleveland, Ohio.
Ferro Products Co., tanks, pans, etc., W. 13th & Wythe av, B'klyn, N. Y.
Ferrochem Co., Ltd., feed water treatment for boilers, 30 Church, New York.
Ferrofix Brazing Co., brazing compounds, 225 S. 24th, Phila., Pa.
Ferrofix Brazing & Machine Wks., cast iron, Seattle, Wash.
Ferrosteel Co., 425 Prospect av, N. W., Cleveland, Ohio.
Ferry-Baker Lumber Co., Everett, Wash.
Ferry, C. S., & Son, sash, door & blind, Pittsfield, Mass.
Ferry Cap & Set Screw Co., bolts, studs, etc., Cleveland, O.
Ferry, John J., architect, Englewood, N. J.
Fersinger, Peter, contractor, 1 N, N. W., Washington, D. C.
Fertile Brick & Tile Co., Fertile, Minn.
Fertile Chem. Co., E. 4th & Prospect, Cleveland, Ohio.
Fesenfeld & Barber, machsts. & fndrs., Black Earth, Wis.
Fess Bros., willow ware mfrs., 412 Ames, Rochester, N. Y.
Fessenden, B. & A. D., Co., lumber, Townsend, Mass.
Fessenden & Co., silver novelties, 100 Friendship, Providence, R. I.
Fessler, David, cornices, 347 E. 105th, New York.
Festus Pressed Brick Co., Festus, Mo.
Feth, Wm. P., architect, Leavenworth, Kans.
Fetherston, Chas. E., architect, 101 Park av, New York.
Fetterolf, Edwin H., architect, 1524 Chestnut, Phila., Pa.
Fetter's, Jacob, Sons, sash, door & blind, Milton, Pa.
Fettig, Jos., scrap iron, steel & rubber, 1910 Plum, Cincinnati, Ohio.
Fetzer Bros., wholesale hdwe., Brookville, Pa.
Fetzer & Co., machsts. & fndrs. agric'l implements, Springfield, Ill.
Fetzer, G. W., turpentine, Eden, Ga.
Fetzer-Menger Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Feuchtwanger, L., & Co., acid, 74 Cortlandt, New York.
Feudtner, Wm., iron, 391 7th, Jersey City, N. J.
Feuerstein, S. B., & Co., printing presses & machy., 542 Jackson blvd, Chicago, Ill.
Feugill, Jno. H., architect, 316 Essex, Lawrence, Mass.
Fewlass-Leen Brass & Iron Co., brass fndrs., 610 E. Front, Cincinnati, Ohio.
Feyer Constr. Co., 277 Burgess, St. Paul, Minn.
Fezandie, Felix, color mfr. & imptr., 205 Fulton, New York.
Fiat Metal Mfg. Co., tubing, manifolds, partitions, etc., 223 W. Huron, Chicago, Ill.
Fiber Barrel Mach. & Mfg. Co., 2516 Jane, Pittsburgh, Pa.
Fiber Grand Co., cordage & paper, Grand Rapids, Mich.
Fiberide Sample Trunk Co., 252 Lafayette, New York.
Fiberlic Co., wall coverings, Camden, N. J.
Fiberloid Co., Indian Orchard, Mass.
Fiberoid Trunk Wks., 4621 B'way, Chicago, Ill.
Fibre Case & Nov. Co., 274 Church, New York.
Fibre Conduit Co., Orangeburg, N. Y.
Fibre Container Co. of Pa., cases & tubes, H Nixon, Manayunk, Phila., Pa.
Fibre Corp., paper & pulp mills, Lockport, N. Y.
Fibre Cushion Horse Shoe Co., 88 New Chambers, New York.
Fibre & Fabric, trade publications, 127 Federal, Boston, Mass.
Fiber Finishing Co., washers, 117 Lincoln, Boston, Mass.
Fibre Package Co., corrugated paper, 473 Clay, Detroit, Mich.
Fibre Rock Mfg. Co., packing mfrs., 4566 Silverwood, Phila., Pa.
Fibre Sample Case & Trunk Co., 535 B'way, New York.
Fibre Specialty Mfg. Co., sample cases, Kennett Square, Pa.
Fibre Trunk & Case Co., Nashville, Tenn.
Fibrestone & Roofing Co., 199 10th, San Francisco, Cal.
Fibro Mfg. Co., cane webbing, 9th & Chestnut, Philadelphia, Pa.
Fibro Products Co., candle tubes, New Bedford, Mass.
Fichtenberg, Hans H., soap powder, 216 W. Water, Milwaukee, Wis.
Fichter & Brooker, architects, 2 Nat'l. Bk. Bldg., Akron, Ohio.
Fichtner, Wm., willow ware mfrs., 723 North 2nd, Phila., Pa.
Ficken, H. Edwards, architect, 10 W. 22d, New York.
Ficken, Wm. H., htg. contrs., 232 Robinson, Brooklyn, N. Y.

Fickes, H., & Son, contractors, Altoona, Pa.
Fickett, O. A., Co., meat packers, Bangor, Me.
Fickincher, Fred, cornices, Lock Haven, Pa.
Ficks, Reed Co., furniture, 424H, Findlay, Cincinnati, Ohio.
Ficks-Reed Co., rattan & reed furniture, children's carriages, 424 Findlay, Cincinnati, Ohio.
Fidalgo Island Packing Co., Anacortes, Wash.
Fidalgo Lumber & Box Co., shooks, Anacortes, Wash.
Fiddelke, H. G., architect, Parkside Bldg., Oak Park, Ill.
Fidelity Brass Mfg. Co., brazing, soldering & oxy-acetylene equipt., 1001 W. Washington blvd., Chicago, Ill.
Fidelity Can Co., 600 S. Caroline, Baltimore, Md.
Fidelity & Casualty Co., insurance, 97 Cedar, New York.
Fidelity Chemical Corp., fertilizer mfrs., Houston, Tex.
Fidelity Coal & Supply Co., masons' & bldrs. matls., Lima, Ohio.
Fidelity Constr. Co., Heed Bldg., Philadelphia, Pa.
Fidelity & Deposit Co. (Develop. Dept.), bonding company, Fidelity Bldg., Baltimore, Md.
Fidelity Electric Co., dynamo & motor mfrs., Lancaster, Pa.
Fidelity Lbr. Co., Doucette, Tex.
Fidelity Mach. & Mfg. Co., tex. machy., cylinders & dials, knitting machines, etc., 4015 Paul, Fkd., Philadelphia, Pa.
Fidelity Mfg. Co., cotton damasks, Charlotte, N. C.
Fidelity Metal Co., babbit metal, 192 Diamond, Brooklyn, N. Y.
Fieber & Holmes, sashes, doors & blinds, Brookville, Ind.
Fiebing Chemical Co., oils, metal polish, etc., 240 Reed, Milwaukee, Wis.
Fiedler, A. B., & Sons, silk fringes, 305 W. Adams, Chicago, Ill.
Fiegel, Albert L., Co., architects, 28 E. Jackson blvd., Chicago, Ill.
Fiegle, Geo., contractors, Austin, Tex.
Fiego, Alex. J. R., instruments of precision, Lynn, Mass.
Fiehler, Aug. D., contractor, Youngstown, O.
Field, A. J., & Son, lbr. mfrs., Kings Creek, Ky.
Field Advertising Service, Indianapolis, Ind.
Field, Alfred & Co., core compounds, wholesale hdwe., etc., 93 Chambers, New York.
Field, Barker & Underwood, contractors, 14 S. Penn sq., Philadelphia, Pa.
Field-Brundage Engine Wks., machsts., Jackson, Mich.
Field, C. R., Mfg. Co., children's carriages, Greenfield, Mass.
Field, Chas. H., moulds, ladles & engraving machines, 118 Point, Providence, R. I.
Field & Clarkson, architects, Wheat Bldg., Fort Worth, Tex.
Field Contracting Co., 40 Manhattan av, New York.
Field, D. S., & Levi, lbr., Chattanooga, Tenn.
Field, David W., water filters, Builders' Exch., Philadelphia, Pa.
Field Force Pump Co., Elmira, N. Y.
Field, G. C., architect, Henry bldg, Seattle, Wash.
Fieled, Geo. C., contr., Madison, Conn.
Field, Jas., Co., tents, Rochester, N. Y.
Field, Julian, & Co., cottonseed oils, Atlanta, Ga.
Field, L. H., Jr., architect, Jackson, Mich.
Field & Lawrence, mill & facty. supplies, Bellows Falls, Vt.
Field, R. B., & Co., leather washers, packings & specialties, Worcester, Mass.
Field & Shorb Co., mill & fcty., plumbers' & steam fitters' supplies, Decatur, Ill.
Field, Walter W., & Son, machsts., Cambridge, Mass.
Field & White Co., felt, paper & pulp mills, 116 Nassau, New York.
Field, Wm. H., Co., mill & facty. supplies, 35 Washington, N., Boston, Mass.
Fielder, A. A., Lumber Co., Sherman, Tex.
Fielder & Allen Co., architects & engineers' instr. & supplies, Atlanta, Ga.
Fielder, Elbert O., contractor, Allenhurst, N. J.
Fielder, Fred A., architect, 4642 Woodlawn av, Chicago, Ill.
Fielding, A., & Bros., tassels, drapery, saddlery, etc., Hoboken, N. J.
Fielding, Fred A., architect, 117 Buffalo av, Paterson, N. J.
Fielding, Harry P., architect, 97 College av, Troy, N. Y.
Fielding, Mantle, architect, 518 Walnut, Philadelphia, Pa.
Fielding & Shepley, bldg. contrs., 216 W. University av, St. Paul, Minn.
Fieldner & Son, lumber, Ney, Ohio.
Fields Brick Co., Chester, Pa.
Field's, Chas. J., Sons, wholesale hdwe., 633 Market, Phila., Pa.
Fields, E. Stanley, architect, Reserve Bank Bldg., Kansas City, Mo.
Fields, L. C., flour, McHenry, Ga.
Fields Mfg. Co., woolen blankets, Mouth of Wilson, Va.
Fieldstein, J. Ethan, architect, Penfield bldg, Philadelphia, Pa.
Fiers, W. T., machsts., Red Key, Ind.
Fifer & Beatty, mill & facty. supplies, Front & Lehigh av, Philadelphia, Pa.
Fifield Bros. Co., mill & facty. supplies, Augusta, Me.
Fifield, E. L., whol. lumber, Monadnock Bldg., San Francisco, Cal.
Fifield Lumber Co., sash, door & blind, Janesville, Wis.
Fifth Avenue Coal Co., masons' & bldrs.' matls., 5th av & Big Four, Columbus, Ohio.
Figg, L. R., & Co., contractors, Louisville, Ky.
Figge, Fred, Co., meat packers, 285 Atlantic av, Brooklyn, N. Y.
Figge & Hutwelker Co., meat packers, 621 W. 40th, New York.
Figlinolo, J., contractor, 719 Union av, New York.
Figueria Cut Glass Co., Hammonton, N. J.
Fike, H. P., & Co., architects, Peru, Ind.
Filament Supply Co., Hoboken, N. J.
Filas, Thos. M., Co., contrs., Cicero, Ill.
Filas, Thos. M., architect, 175 Jackson blvd., Chicago, Ill.
Filas & Vittner, architects, 175 W. Jackson blvd., Chicago, Ill.
Filay, Wm. F., contr., Peoria, Ill.
File & Alexander, contrs., Decatur, Ill.
Filer, Edw. T., sash, door & blind mfrs., 5503 Washington Bl., Chicago, Ill.
Filer & Stowell Co., engines, pumps, saw mill machy., etc., Milwaukee, Wis.
Filer, W. H., brick, Grove City, Pa.
Filice & Perrelli Canning Co., Gilroy, Cal.
Filion Mill & Lumber Co., Port Angeles, Wash.
Filip, Meydrech & Co., sash, door & blind mfrs., 1420 W. 21st, Chicago, Ill.
Filkins, O. B., buckwheat flour, Stanton, Mich.
Fill, S. M., architect, Chula Vista, Cal.
Fillgrove, Louise A., cornices & skylights, Ironton, Ohio.
Fillion, Jos., cornices, North Platte, Neb.
Fillion, S. O., raw mica, 68 Murray, New York.
Fillmore Av. Fdry. & Iron Wks., Buffalo, N. Y.

Filoon, V. & F. W., Co., boot counters, Brockton, Mass.
Filson, A. R., & Son, contrs., Bellefontaine, Ohio.
Filter Fabrics Co., filter bags, clothes, cordage, etc., Salt Lake City, Utah.
Filtham, George, architect, 262 Central av, St. Petersburg, Fla.
Filtrine Mfg. Co., water filters, 53 Lexington, Brooklyn, N. Y.
Fimiani, Joseph, & Son, contrs., 483 Breckinridge, Buffalo, N. Y.
Finch, J. H., Co., machsts., 24 Beach, Boston, Mass.
Finch Mfg. Co., mining machry., Scranton, Pa.
Finch, Pruyn & Co., lime, lbr., marble, paper & pulp mills, Glens Falls, N. Y.
Finch, T. A., flour, Eupora, Miss.
Finck, J. C., Mine & Milling Co., barytes, 101 Barton, St. Louis, Mo.
Finck & Oldroyd, silver nov., Elizabeth, N. J.
Finck, Sidney C., architect, 1907 S. Sawyer av, Chicago, Ill.
Fincke, Oscar, bar fix., 1916 Bryant, San Francisco, Cal.
Findeisen & Kropf Mfg. Co., plumbers' wood work, 2559 W. 21st, Chicago, Ill.
Findeisen & Kropf Mfg. Co., plumbers' wood wk., auto. windshields, etc., 2559 W. 21st, Chicago, Ill.
Findlater Hardware Co., San Angelo, Tex.
Findlay Carriage Co., Findlay, Ohio.
Findlay Clay Pot Co., Findlay, Ohio.
Findlay Electric Porcelain Co., Findlay, Ohio.
Findlay Engng. & Mfg. Co., fndrs., Findlay, Ohio.
Findlay, Robt., Mfg. Co., elec. light fix. mfrs., 28 Warren, New York.
Findley Elec. Co., armatures, 215 S. 5th, Minneapolis, Minn.
Findley, H. L. Co., contractors, Noblesville, Ind.
Findling, H. M., cornices, Valparaiso, Ind.
Findorff, J. H., bldg. contr., Madison, Wis.
Fine, Horace E. Co., monograms, Trenton, N. J.
Finger & Bailey, architects, Kress Bldg., Houston, Tex.
Fingerle, Jno. C., machsts. & fndrs., Mason, Mich.
Fingles, W. A., cornices, 29 S. Howard, Baltimore, Md.
Finigan, Zabriskie Co., machsts., Paterson, N. J.
Fink, A., & Sons, meat packers, 129 Belmont av, Newark, N. J.
Fink, Adam, cotton damasks, Orthodox & Large, Phila., Pa.
Fink, Alexander W., mach. & fndr., Converse, Ind.
Fink Bros., contractors, 302 Central av, Albany, N. Y.
Fink, Chas. A., architect, 302 W. Water, Milwaukee, Wis.
Fink Instrument Co., 804 Pine, St. Louis, Mo.
Fink, Philip, & Sons, cornices, 213 S. 1st, Louisville, Ky.
Fink, W. A., architect, 426 Franklin Reading, Pa.
Finkbine Lbr. Co., Jackson, Miss.
Finke Bros., cooperage stock, Portland, Ore.
Finke, Engng. Co., contrs., 1533 Germantown, Dayton, Ohio.
Finke Mfg. Co., arch'l. modelers & sculptors, 83 Plane, Newark, N. J.
Finkel, Maurice H., architect, Chamber of Comm., Detroit, Mich.
Finkell-Hackmeister Chemical Co., nickel salts, 1910 Forbes, Pittsburgh, Pa.
Finkell, Wm. T., nickel salts, 103 Maiden la, New York.
Finkelstein & Co., window display fixtures, 48 Mangin, New York.
Finkelstein, M., cornices, 37 Spring, Boston, Mass.
Finkensieper, Benj., architect, 134 Broadway, Brooklyn, N. Y.
Finkl, A., & Sons, drop forgings, 1326 Cortland, Chicago, Ill.
Finkle, A. N., lumber, Spring Mills, Pa.
Finkle, J. J., contractor, Gloversville, N. Y.
Finlay & Robb, cornices & skylights, Seattle, Wash.
Finley Canning & Mfg. Co., Ozark, Mo.
Finn, Alfred G., architect, 716½ Main, Houston, Tex.
Finn, Geo. M., soap, 427 E. Water, Syracuse, N. Y.
Finn, Jas. E., bldg. & general contrs., Geneva, N. Y.
Finn, James J., & Son, contractors, 9 Cuyler av, Albany, N. Y.
Finn, John, & Co., contractors, 2375 Woodward, Detroit, Mich.
Finn, Jno., Metal Works, 384 2nd, San Francisco, Cal.
Finn, P. W., & Son, contrs., Altoona, Pa.
Finn, Robert, architect, 2631 Woodward, Detroit, Mich.
Finne & Gjarde, contractors, Northern Bk. Bldg., Seattle, Wash.
Finnegan, Thos. J., heating contractors, Jersey City, N. J.
Finnell, John H., contractor, Niagara Falls, N. Y.
Finney, C. H., & Sons, stone, 139 W. 53d, New York.
Finney, G. W., Lumber Co., Odessa, Wash.
Finney, Wm. W., canned goods, Bel Air, Md.
Finnigan, J. J., & Co., tubular boilers, Atlanta, Ga.
Finola Mfg. Co., floor scrubbing machs., Hannibal, Mo.
Finster, G. C., architect, Flint, Mich.
Finucane Boiler Wks., Houston, Tex.
Finver Bros. & Co., umbrella mfrs., 126 5th av, New York.
Finzer Bros. Clay Co., brick, Sugar Creek, Ohio.
Fir Tree Lbr. Co., Tacoma, Wash.
Fire Alarm Signal Co., 303 Congress, Boston, Mass.
Fire Creek Coal & Coke Co., Staunton, Va.
Fire Detecting Wire Co., thermostats, 2 W. 45th, New York.
Fire & Gas Appliance Co., valve mfrs., 1906 Wyandotte, Kansas City, Mo.
Fire Gun Mfg. Co., fire extinguishers, 115 4th av, New York.
Fire Prevention Fire Door Mfg. Co., 231 W. 19th, New York.
Fire Protection & Equipment Co., automatic fire sprinklers, 23 Minna, San Francisco, Cal.
Fire & Water Engng., trade publication, 154 Nassau, New York.
Firebaugh, D. W., canned goods, Fincastle, Va.
Firebaugh, W. H., canned goods, Troutville, Va.
Firedoor Contr. Co., Inc., 412 E. 23rd, New York.
Fireproof Products Co., metal lath, 257 E. 33rd, New York.
Firestone Park Bldrs. Supply Co., Akron, Ohio.
Firestone Steel Products Co., rims, Dept. H, South Akron, O.
Firestone Tire & Rubber Co., Akron, Ohio.
Firex Mfg. Co., fire extinguishers, 2039 S. Morgan, Chicago, Ill.
Firman, John A., contr., Prophetstown, Ill.
Firm Lbr. Co., Hattiesburg, Miss.
Firminger, Harry, architect, Oppenheim bldg, St. Paul, Minn.
Firsching, J. A., textile machinery, 614 Broad, Utica, N. Y.
First Avenue Brick & Tile Co., Evansville, Ind.
Firstenberg, J., advtg. spec., 332 East 48th, New York.
Firth-Sterling Steel Co., McKeesport, Pa.
Firth, Wm., tex. mach'y supplies, etc., 200 Devonshire, Boston, Mass.
Fischback Mfg. Co., machsts. & fndrs., Peoria, Ill.
Fischbeck Soap Co., 17th & Rhode Island, San Francisco, Cal.
Fischer, Adam E., architect, 373 Fulton, Brooklyn, N. Y.
Fischer-Bouten Lbr. Co., see Fischer, Carl E. Lbr. Co. (successors).
Fischer Bros., store fixtures, 5 E. 137th, New York.
Fischer Can Co., Hamilton, Ohio.

Fischer Carl E. Lbr. Co., Eugene, Ore.
Fischer, Chas., Spring Co., flexible shafts, metal nov. & specialties, wire springs, etc., 240 Kent av, Brooklyn, N. Y.
Fischer & Flohr, hog rings, Bucyrus, Ohio.
Fischer Foundry Co., 1615 Roland, Pittsburgh, Pa.
Fischer, Fred H., architect, 1240 Garden, Hoboken, N. J.
Fischer, Fred'k Wm., architect, 9129 Commercial av, Chicago, Ill.
Fischer Furn. Co., 406H N. May, Chicago, Ill.
Fischer, Geo., & Co., contractors, 406 12th av, Long Island City, N. Y.
Fischer, Geo. J., architect, 406 12th av, Astoria, N. Y.
Fischer, H. G., & Co., therapeutic lamps, 2341 Wabansic av, Chicago, Ill.
Fischer & Hayes Rope & Steel Co., 742-744 W. Van Buren, Chicago, Ill.
Fischer, J. A., contractors, Atlanta, Ga.
Fischer, J. & C., pianos, 417 W. 28th, New York.
Fischer, & Jirouch Co., archl. modelers, 4821 Superior av., Cleveland, Ohio.
Fischer, John B., architect, 140 S. Dearborn, Chicago, Ill.
Fischer, L. A., & Co., masons' & bldrs.' matls., Bradford, Pa.
Fischer Leaf Co., stove mfrs., Louisville, Ky.
Fischer Lime & Cement Co., Memphis, Tenn.
Fischer L'br. Co., Marcola, Ore.
Fischer Mach. Co., paper bag, special & oil grooving machy., 310 N. 11th, Phila., Pa.
Fischer Mach. Wks., 1845 Carroll av, Chicago, Ill.
Fischer Soap & Oil Co., 2715 Colerain av, Cincinnati, Ohio.
Fischer Special Mfg. Co., screw machine products, 2076 Reading rd, Cincinnati, Ohio.
Fischer-Sweeney Bronze Co., alum. castings & rods, Hoboken, N. J.
Fischer, Wm. G., Stove & Range Co., 326 McFarland, Cincinnati, Ohio.
Fiscus, W. J., cornices & skylights, Findlay, Ohio.
Fish, A. E., & Co., machsts., Denver, Colo.
Fish, A. E. & Co., screens—window & door, Keene, N. H.
Fish Brush Factory, 4700 Lorain av, Cleveland, Ohio.
Fish, Charles R., & Co., architects, Worcester, Mass.
Fish, Chas. W., Lbr. Co., Elcho, Wis.
Fish, E. M., Co., bldg. contrs., Eau Claire, Wis.
Fish, Ferd, architect, Larchmont, N. Y.
Fish, G. R., wood handles, Hancock, N. Y.
Fish, H. A., & Co., masons' & bldrs.' matls., Elmira, N. Y.
Fish & Horton Co., cabinets, panelboard, 133-135 Mill, Rochester, N. Y.
Fish & Hunter Co., sashes, doors & blinds, Deadwood, S. D.
Fish, James, contrs., Stapleton, N. Y.
Fish Net Twine Co., 310-312 Bergen av, Jersey City, N. J.
Fish River Mfg. Co., lbr., Eagle Lake, Maine.
Fish Rotary Oven Co., Walworth, Wis.
Fish Stone Co., West of Canal, Columbus, Ohio.
Fishbein Bros., 85 Mercer, New York.
Fishel & Marks Co., The, iron & steel, foot of Krakow av, Cleveland, O. *See adv index at end of book*
Fishel-Nessler Co., silver nov., 184 5th av, New York.
Fisher, A., machsts. & fndrs., Macomb, Ill.
Fisher, A. B., Co., machsts. & fndrs, 18 Dunham pl. B'klyn, N. Y.
Fisher, A. J., & Son, architect, 4011 N. Robey, Chicago, Ill.
Fisher-Adam Mfg. Co., household spec., signs & tire vulcanizers, 3624 Enright, St. Louis, Mo.
Fisher & Aitken, architects, Idaho Falls, Idaho.
Fisher, Albert, carriages, 460 E. Grand blvd., Detroit, Mich.
Fisher, Alfred, furnaces, 76 W. Adams, Chicago, Ill.
Fisher Auto Top Co., Norwalk, Ohio.
Fisher Bagasse Furnace Co. (Ltd.), New Orleans, La.
Fisher Body Corp., auto bodies, Oakland & Piquette, Detroit, Mich.
Fisher Box Co., packing, Menominee, Mich.
Fisher Brass Fdry. Co., Milwaukee, Wis.
Fisher Bros., architects, Pontiac, Mich.
Fisher Bros. Co., steam fitters' supplies, Astoria, Ore.
Fisher Bros. Paper Co., pads & tablets, Fort Wayne, Ind.
Fisher, C. W., iron & steel, 52 Broadway, New York.
Fisher, Charles H., masons' & bldrs.' materials, Reading, Pa.
Fisher, Chase Mfg. Co., fuse boxes & disconnecting switches, 118 Parsons av, Columbus, Ohio.
Fisher, Churchill Co., masons' & bldrs.' matls., Dedham, Mass.
Fisher, Clellan Waldo, architect, 58 Front, Worcester, Mass.
Fisher Co., store & bar fixtures, Charles City, Ia.
Fisher & Davis Mfg. Co., mill & facty. supplies, 934 N. 1st, St. Louis, Mo.
Fisher-De Vore Construction Co., builders, etc., 35-36 Blymyer Bldg., Cincinnati, Ohio.
Fisher, E. J., & Co., scrap iron, Wilkes-Barre, Pa.
Fisher Electrical Works, dynamo mfrs., 32 Lynn, Detroit, Mich.
Fisher, Elmer, Co., lbr., Ironton, Ohio.
Fisher, Francis J., masons' & bldrs.' matls., Denver, Colo.
Fisher, Fred. W., architect, 1476 B'way, New York.
Fisher, Geo. A., Co., contractors, 600 W. 144th, New York.
Fisher, Geo. H., Jr., architect, 224 Manson pl, Plainfield, N. J.
Fisher, Geo. L., architect, City Nat'l Bank bldg, Omaha, Neb.
Fisher, Governor Co., machsts. & fdrs., Marshalltown, Ia.
Fisher, Gurdon R., architect, Newton Highlands, Mass.
Fisher, Henry, architect, 97 Main av, Vineland, N. J.
Fisher, H. Messinger, architect, 483 Bloomfield av, Montclair, N. J.
Fisher, Homer, architect, Anaconda, Mont.
Fisher, Jacob, architect, 25 Av. A, New York.
Fisher, John S., elec. contr., Danbury, Conn.
Fisher Jos. G., architect, 4011 N. Robey, Chicago, Ill.
Fisher Knitting Machine Co., 19 Whitesboro, Utica, N. Y.
Fisher, L., Co., contractors, Waltham, Mass.
Fisher & Lambie, contractors, Austin, Tex.
Fisher Leather Belting Co., 221 N. 3d, Philadelphia, Pa.
Fisher, M., contractor, 687 Mission, San Francisco, Cal.
Fisher Mach. & Tool Co., 102 Broadway, Buffalo, N. Y.
Fisher Machine Works Co., Leavenworth, Kans.
Fisher, Mahlon Leonard, architect, Williamsport, Pa.
Fisher Mfg. Co., ball bearings, East Liverpool, Ohio.
Fisher Mfg. & Fuel Co., masons' & bldrs. matls., Wilmington, O.
Fisher Mfg. Co., tire repair patches, Lincoln, Neb.
Fisher, Martin, architect, 2156 Central av, Cincinnati, O.
Fisher, Martin & Sons, cornices, 438 Pearl, Buffalo, N. Y.
Fisher Mine Equip. Co., mine cars & fans & roller bearing mine car wheels, W. Newton, Pa.
Fisher, Nicholas E., architect, Williamsport, Pa.
Fisher & Norris, anvils, vises, etc., Trenton, N. J.
Fisher, Philip, cornices, 1066 Central av, Cincinnati, Ohio.
Fisher, R. H., contractor, Cedar Rapids, Ia.
Fisher, Richard A., architect, 45 Bromfield, Boston, Mass.
Fisher, Richards & Todd, hardware (whol.), Hazleton, Pa.
Fisher & Rohleder, elec. light fix. mfrs., 219 W. Saratoga, Baltimore, Md.
Fisher, S. J., masons' & bldrs.' matls., Union City, Ind.
Fisher, S. L., & Son, contrs., Elizabeth, N. J.
Fisher Specialty Co., plbrs'. supplies, 326 Ogden av, Milwaukee, Wis.
Fisher & Stables, flour mills, Hebron, Va.
Fisher, Thorsen & Co., paint, glass, Portland, Ore.
Fisher Tool & Supply Co., mill & facty. supplies, 112 Woodward, Detroit, Mich.
Fisher, W. H., fndrs., Rebuck, Pa.
Fisher, W. O., brick, Basco, Ill.
Fisher & Wilson Co., lumber, 819 Rockefeller Bldg., Cleveland, O.
Fisher, Wm. E. & Arthur, architects, United States National Bldg., Denver, Colo.
Fishers Canning Co., Fishers, Ind.
Fishman, M. Maurice, architect, 1342 S. Halsted, Chicago, Ill.
Fisk, E. W., cream separators, Newark, N. Y.
Fisk Mfg. Co., see Am. Textile Soap (successors).
Fisk Paper Co., Hinsdale, N. H.
Fisk Rubber Co., Chicopee Falls, Mass.
Fiske Bros. Refining Co., oil & grease, 24 State, New York.
Fiske-Carter Construction Co., 11 Foster, Worcester, Mass.
Fiske & Co., masons' & bldrs mtlrs. & brick, 30H Franklin, Boston, Mass.
Fiske Corp., sash, door & blind mfrs., hdwe., Natick, Mass.
Fiske, J. W., Iron Wks., 111 Park pl, New York.
Fiske & Meginnis, architects, Bankers' Life Bldg., Lincoln, Neb.
Fissell, Wm. H., & Co., contractors, 1328 Broadway, New York.
Fitall, John C., Co., contractors, 181 Putnam av, Brooklyn, N. Y.
Fitch Dustdown Co., sweeping compounds, 1028 W. Front, Cincinnati, Ohio.
Fitch Gear Co., Rome, N. Y.
Fitch, John & Son, cornices & skylights, Millersburg, Ohio.
Fitch, R. F. & W. B. Co., harness mfrs., Oskaloosa, Ia.
Fitch, W. & E. T. Co., fndrs., New Haven, Conn.
Fitch, Will A., & Co., contrs., Shelbyville, Ky.
Fitchburg Automatic Mach. Wks., see Springfield Automatic Screw Mach. Corp. (successors).
Fitchburg Brick Co., Fitchburg, Mass.
Fitchburg Duck Mills, Fitchburg, Mass.
Fitchburg Enamel Co., Fitchburg, Mass.
Fitchburg Fndry Co., Fitchburg, Mass.
Fitchburg Grinding Machine Co., Universal grinders mfrs., Fitchburg, Mass.
Fitchburg Hardware Co., whol. hdwe., masons & bldrs. material, contrs. supplies, Fitchburg, Mass.
Fitchburg Htg. & Plumbing Co., Fitchburg, Mass.
Fitchburg Horn Goods Co., hair pin mfrs., Fitchburg, Mass.
Fitchburg Machine Wks., turning lathes mfrs., Fitchburg, Mass.
Fitchburg Paper Co., Fitchburg, Mass.
Fitchburg Steam Engine Co., Fitchburg, Mass.
Fite Hardware Co., wholesale, Dalton, Ga.
Fitler, Edwin H., Co., cordage & twine mfrs., 517 Arch, Philadelphia, Pa.
Fitton, Harry R., architect, 540 N. Meridian, Indianapolis, Ind.
Fitts, Frank E., Mfg. & Supply Co., mills & facty. supplies, 88 Purchase, Boston, Mass.
Fitwell Knitting Co., Cohoes, N. Y.
Fitzberger, Thos. F., cornices, 202 Clay, Baltimore, Md.
Fitzdale Paper Co., Fitzdale, Vt.
Fitz-Dana & Brown, tin plate, 441 Pearl, New York.
Fitz Dana & Co., wholesale hdwe., 110 North, Boston, Mass.
Fitzgerald, Chas., architect, Hathaway Bldg., Milwaukee, Wis.
Fitzgerald Cotton Mills, Fitzgerald Ga.
Fitzgerald Cotton Oil Co., Fitzgerald, Ga.
Fitzgerald, D. F., granite, Quincy, Mass.
Fitzgerald, David, cornices, Yonkers, N. Y.
Fitzgerald, Edward P., architect, 340 Main, Worcester, Mass.
Fitzgerald, F. H., architect, Alworth Bldg., Duluth, Minn.
Fitzgerald, J. E., Co., contractors, New London, Conn.
Fitzgerald, J. P., contractor, Saratoga Springs, N. Y.
Fitzgerald, J. W., Co., sand dlrs., Savannah, Ga.
FitzGerald, Jas. H., packing box mfr., 532 W. 20th, New York.
Fitzgerald, John J., & Co., masons' & bldrs.' matls., 2d & Butler, Philadelphia, Pa.
Fitz Gerald, John L., journal bearings, castings, etc., Albany, N. Y.
Fitzgerald Laboratories, Niagara Falls, N. Y.
Fitzgerald, M. J., Co., mill & facty. supplies, 252 Lafayette, New York.
Fitzgerald Mfg. Co., battery connectors, auto horns, etc., Torrington, Conn.
Fitzgerald-Speer Co., sash, door & blind, Pen Argyl, Pa.
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fitzgerald, W. H. J., Co., dealers in metal, trades machinery, 165 High, Boston, Mass.
Fitzgerald, W. & Son, contractors, Salem, Mass.
Fitzgerald, Wm. J., contractor, Beloit, Wis.
Fitzgibbon Boiler Co., Oswego, N. Y.
Fitzgibbon & Crisp, wood & metal auto bodies, carriages, Trenton, N. J.
Fitz-Gibbon, J. D., contractor, Gravel & Windsor, St. Louis, Mo.
Fitzgibbons Bros., carriages, Monroe, Wis.
Fitzgibbons, Jas., contractor, Ogdensburg, N. Y.
Fitzgibbons, P. F., lbr., Reynolds, Ga.
Fitzhenry, E. L. & Co., machsts. & fndrs., 49 Washington, N. Boston, Mass.
Fitzhenry-Guptill Co., spray pumps, 135 First, Boston, Mass.
Fitzhugh, L. M., architect, Phoenix, Ariz.
Fitzhugh, Thornton, architect, Story Bldg., Los Angeles, Cal.
Fitz-Mahony, Michael J., architect, 109 Broad, New York.
Fitzpatrick Bros., cleaning compounds, 1319 W. 32d pl, Chicago, Ill.
Fitzpatrick, F. W., architect, 101 S. Dearborn, Chicago, Ill.
Fitzpatrick & Hoepfner, contractors, 63 E. Gay, Columbus, Ohio.
Fitzpatrick, J. J., & Sons, contractors, Plattsburg, N. Y.
Fitzpatrick, John, architect, 271 E. 198th, New York.
Fitzpatrick, John, Co., soap, 28th & Western av, Chicago, Ill.
Fitzpatrick Products Corp., stump pullers, 99 John, New York.
Fitz Simmons, A. Burch, architect, Bond Bldg., Washington, D. C.
Fitzsimmons & Connell Dredge & Dock Co., 2431 S. Paulina & 10 S. La Salle, Chicago, Ill.
Fitzsimmons, Frank, contrs., Springfield, Ill.

Fitzsimmons, Thos. E., brick, Phoenix, Ariz.
Fitzsimmons, Wm. J., architect, 207 Market, Newark, N. J.
Fitzsimons Co., cold drawn steel mfrs., Youngstown, Ohio.
Fitzsimons & Richards-Arch, 207 Market, Newark, N. J.
Fitz Water Wheel Co., Hanover, Pa.
Five & Ten Store Magazine & Variety Review, trade publications, Gerke Bldg., Cincinnati, Ohio.
Fizer, W. E., canned goods, Bedford, Va.
Fix's, S., Sons, steam flue welding, Leonard & Winter, Cleveland, Ohio.
Flaccus, C. L., Glass Co., bottles, tex. machy., spinning frames, Empire Bldg., Pittsburgh, Pa.
Flaccus, E. C., Co., canned goods, Wheeling, W. Va.
Flaccus, Wm., Oak Leather Co., blacksmiths' bellows, 1228 River av, Pittsburgh, Pa.
Flach, Ernest, flour, Comfort, Tex.
Flack Bros., masons' & bldrs., matls., East Chicago, Ind.
Flagg, Ernest, architect, 111 E. 40th, New York.
Flagg, Geo. A., architect, 665 Newark av., Jersey City, N. J.
Flagg, L. G. & Co., glass mosaic wk., Sudbury Bldg., Boston, Mass.
Flagg, Montague, architect, 244 Madison av, New York.
Flagg, Stanley G., & Co., machsts. & fndrs., Morris Bldg., Phila., Pa.
Flagler & Allen, brick, Arlington, N. Y.
Flagler Co., contractors, Atlanta, Ga.
Flagstaff Lbr. Co., Flagstaff, Ariz.
Flaherty, C. J., Granite Works, St. Cloud, Minn.
Flaherty, E. J. Contracting Co., 76 Montgomery, Jersey City, N. J.
Flaherty, W. N., cement contr., Daly City, Cal.
Flaks, Francis A., architect, 2743 W. 22nd, Chicago, Ill.
Flambeau Lbr. Co., Lac De Flambeau, Wis.
Flambeau Paper Co., Park Falls, Wis.
Flambeau River Lbr. Co., Ladysmith, Wis.
Flamboe, A. G. H., architect, Keokuk, Ia.
Flanagan & Beidenweg Co., glass stainers, 312 W. Illinois, Chicago, Ill.
Flanagan, Geo. J., school supplies, 515 S. 5th av, Chicago, Ill.
Flanagan, John, Buggy Co., Greenville, N. C.
Flanagan, Jno. J., Jr., stone producers, Lannon, Wis.
Flanagan, M. C., file mfrs., New Haven, Conn.
Flanagan, Stephen, & Sons, contractors, Scranton, Pa.
Flanagan, Wm. contractor, 118 E. 28th, New York.
Flanders, A. F., Mfg. Co., display racks, Buffalo, N. Y.
Flanders, Chas., lbr., Brentwood, N. H.
Flanders Co., auto horns, Owen bldg, Detroit, Mich.
Flanders, Geo. L., lbr., Lebanon, N. H.
Flanders Hdwe. Co., North Weare, N. H.
Flanders, J. E., architect, 1320 Puterbough, San Diego, Cal.
Flanegin Hdwe. Co., cornices, Logansport, Ind.
Flanigan, P., & Sons, contractors, Harford rd & B. & O. R. R., Baltimore, Md.
Flanner-Steger Land & Lbr. Co., Blackwell, Wis.
Flanner Water Tube Boiler Co., Second National Bank Bldg., Akron, Ohio.
Flannery Bolt Co., Vanadium Bldg., Pittsburgh, Pa.
Flannery, P. J., Co., steam cocks, fndrs., New Britain, Conn.
Flannery, P. J., & Son, contractors, Yonkers, N. Y.
Flannery, P., & Son, masons' & bldrs.' matls., State & Belt Line, East St. Louis, Ill.
Flash Chemical Co., soaps, cleansers, polishes & disinfectants, mfrs., 160 2d, Cambridge, Mass.
Flashtric Sign Wks., 216 N. Clinton, Chicago, Ill.
Flat-Slab Patent Co., concrete floors & arches, 332 So. Michigan av, Chicago, Ill.
Flat-Top Fuel Co., coke, Bluefield, W. Va.
Flater, H., & Son, pumps, Findlay, Ohio.
Flather Mfg. Co., gear cutting, special machy., lathes, etc., Nashua, N. H.
Flather, E. J., Mfg. Co., gear cutting machines & machine tools, Nashua, N. H.
Flather Fdry. Co., Nashua, N. H.
Flatley Bros. Co., masons' & bldrs.' matls., Green Bay, Wis.
Flavell Co., tallows, soap powders, Asbury Park, N. J.
Flavell, Geo. W. & Bro., elastic hosiery, 1011 Spring Garden, Philadelphia, Pa.
Flavin, W. H., & Co., plating wks., 247 Centre, New York.
Fleck Bros. Co., plumbers' supplies—jobbers, 44 N. 5th Philadelphia, Pa.
Fleck Carbon Co., 71 W. B'way, New York.
Fleck, Chas. W., cornices, 2016 Cherokee, St. Louis, Mo.
Fleck, M., clothes dryers, cans, etc., 338 E. 124th, New York
Fleckenstein, Geo. J., brick, Anna, Ohio.
Fleckenstein, V., machsts. & fndrs., Dorchester, Wis.
Fleet, Frank E., Co., patent leather, 112 Beach, Boston, Mass.
Fleet-McGinley Co., R. R. stationery, cor. South & Water, Baltimore, Md.
Fleetwood Metal Body Co., Fleetwood, Pa.
Fleig, L. L., & Co., 212 W. Austin av, Chicago, Ill.
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Fleischbein, Alan C., architect, Endicott bldg, St. Paul, Minn.
Fleischer, Ernst, Knitting Co., sweaters, etc., 379 11th av., Milwaukee, Wis.
Fleischhauer, F., & Son, thermometers, barometers & hydrometers, Hollis, Long Island, N. Y.
Fleischman, Jno L., lbr. mfrs., Saginaw, Mich.
Fleischmann Co., yeast, 419 Plum, Cincinnati, Ohio.
Fleischmann Constr. Co., 531 7th av, New York.
Fleisher Constr. Co., 606H Bldrs. Ex., Minneapolis, Minn.
Fleisher, W. L., & Co., Inc., coolers, dryers, regulators, etc., 31 Union Square W., New York.
Fleisher & Hoffman, contrs., Kasota bldg, Minneapolis, Minn.
Fleishhacker, A., & Co., folding paper boxes, 401 2d, San Francisco, Cal.
Fleissner, Chas., leather embossing plates, 121 N. J. R. R. av, Newark, N. J.
Fleming, Alfred J., stone, sand & gravel dlrs., 109 Broad, New York.
Fleming, Arch, flour mills, Fairmont, W. Va.
Fleming Bros. Lbr. Co., masons' & bldrs.' matls., Denver, Colo.
Fleming & Co., canned goods, S. W. cor. Cross & Race, Baltimore, Md.
Fleming & Co., Masons' & bldrs.' matls., 253 B'way, New York.
Fleming, E. L., flour, Middleburg, N. C.
Fleming Fdry. Co., Springfield, Mass.
Fleming, J. H., & Son, stone producers, Henderson, Ky.
Fleming, Jas., cornices & skylights, Lansing, Mich.
Fleming, John G., & Son, paper & pulp mills, Dallas, Tex.

Fleming, J. R. & Son Co., mine car equipment, Scranton, Pa.
Fleming, John S., porch swings, etc., Plymouth, Ohio.
Fleming Lumber & Merc. Co., Red Cliff, Colo.
Fleming, N. B., architect, Tulsa, Okla.
Fleming & Sons Mfg. Co., agricl. implements, Huntsville, Mo
Fleming, S. K., contr., Montgomery, Ala.
Fleming, T. B., Dearing Hardware Co., Athens, Ga.
Fleming Tank Co., Inc., wooden tanks, 315 Liberty, Pittsburgh, Pa.
Fleming, Wm. H. Irwin, architect, 1504 H, N. W., Washington, D. C.
Fleming, Willis N., architect, Natick, Mass.
Fleming's, Wm., Sons, tubular boilers, New Castle, Pa.
Flemington Mill Co., flour, Flemington, W. Va.
Flemish Lynn Phonograph Co., talking machs., 269 37th, Brooklyn, N. Y.
Flemming Tank Co., wood, 3115 Liberty, Pittsburgh, Pa.
Flentje, Ernest, shock absorber mfrs., 1643 Cambridge, Cambridge, Mass.
Flesher, Chas. H., machsts., Dunkirk, N. Y.
Fleshman, H. P., canned goods, Troutville, Va.
Fletcher, Arthur G. C., architect, Park av & 41st, New York.
Fletcher, E. F., architect, Independence, Kans.
Fletcher, E. R., granite producer, Hardwick, Vt.
Fletcher, E. R., machsts., Bloomington, Ind.
Fletcher, Geo. N., & Sons, lbr. mfrs., Alpena, Mich.
Fletcher, H. E., Co., crushed stone, contractors, West Chelmsford, Mass.
Fletcher, H. N., granite producers, Graniteville, Mass.
Fletcher-Lahey Co., contractors, 31 State, Boston, Mass.
Fletcher Lumber Co., Ottumwa. Ia.
Fletcher Mfg. Co., brackets, guy clamps, insulators, pulleys, etc., Dayton, Ohio.
Fletcher Mfg. Co., machsts. & fndrs., Newport, Ky.
Fletcher Paper Co., Alpena, Mich.
Fletcher, R. E., contrs., Plant City, Fla.
Fletcher, Robert C., architect, 179 W. Washington, Chicago, Ill.
Fletcher, Terry Co., glass cutters, putty knives, can openers, etc., Forestville, Conn.
Fletcher-Thompson, Inc., architects, 1089 Broad, Bridgeport, Conn.
Fletcher, W. A., machst. & fndr., Clarksville, Mo.
Fletcher, W. & A., Co., machsts. & fndrs., Hoboken, N. J.
Fletcher, W. B., & J. A., meal, McColl, S. C.
Fletcher Works, friction clutches, Glenwood av, Phila., Pa.
Fleurant, J. F., & Son, contractors, Woonsocket, R. I.
Flexible Armored Hose Co., Buffalo, N. Y.
Flexible Bolt Co., Thompson av, Pittsburgh, Pa.
Flexible Co., motorcycle side cars, Dept. H, Loudonville, O.
Flexible Compound Co., paint & varnish mfrs., 3607 Haverford, Philadelphia, Pa.
Flexible Paint Co., Huntington, Ind.
Flexible Steel Lacing Co., lamp guards, 522 S. Clinton, Chicago, Ill.
Flexitallic Gasket Co., Camden, N. J.
Flexlume Sign Co., 1472 Niagara, Buffalo, N. Y.
Flexner-Taylor Co., Ltd., fireproofing & waterproofing materials, 786 E. B'way, S. Boston, Mass.
Flexo Coupling Co., Montclair, N. J.
Flexo Mfg. Co., airplane radiators, 1312 E. 12th, Los Angeles, Cal.
Flexotile Floor Co., Rockford, Ill.
Fli-Bac Screen Corp., weather strips, etc., H Circle, Rochester, N. Y.
Flick, Ira C., architect, Snow Bldg., Syracuse, N. Y.
Flick & Simons, contrs., Nazareth, Pa.
Flickinger Bros., machsts., Hanover, Pa.
Flickinger, J. H., Co., canned goods, San Jose, Cal.
Flickinger, Jno. D., machsts., Hanover, Pa.
Flickinger & Miller, carriages, Fort Scott, Kans.
Flickner, J. O., & Sons, horse collars, Evansville, Ind.
Flickwir & Bush, contractors, 1 Madison av, New York.
Flierl, Christian, Co., Inc., lbr. & sash doors, 1352 Genesee, Buffalo, N. Y.
Fligeltaub, Hy., scrap iron & steel, Evansville, Ind.
Flinn & Breneman, htg. contrs., Lancaster, Pa.
FLINN & DREFFEIN CO., furnaces, gas producers, etc., 431 S. Dearborn, Chicago, Ill. *See adv index at end of book*
Flinn, Raymond W., architect, 8 S. Dearborn, Chicago, Ill.
Flinn, Richard J., steam traps, W. Roxbury Sta., Boston, Mass.
Flinn & Treacy, contractors, 1st Natl. Bk. Bldg., San Fran., Cal.
Flint, A. A., lbr. mfrs., Tyngsboro, Mass.
Flint, A. W., & Co., ladders, New Haven, Conn.
Flint Brick Co., Des Moines, Ia.
Flint & Chester, mill & facty. supplies, 237 Lafayette, New York.
Flint Coal Co., masons' & bldrs.' matls., Flint, Mich.
Flint Elec. & Mfg. Co., snap switches, Denver, Colo.
Flint, Eaton Co., pharmaceuticals, Decatur, Ill.
Flint, F. W., architect, Brandon, Vt.
Flint Fdry. Co., Flint, Mich.
Flint, Geo. C., Co., interior hardwood wk., 20 W. 36th, New York.
Flint Hill Cooperage & Lbr. Co., Flint Hill, Va.
Flint Hollow Canning Co., Seymour, Mo.
Flint Lumber Co., Flint, Mich.
Flint Pattern & Foundry Co., Flint, Mich.
Flint River Brick Co., Albany, Ga.
Flint River Lbr. Co., Bainbridge, Ga.
Flint River Cotton Mills, cotton sheetings, Albany, Ga.
Flint Sandstone Brick Co., Flint, Mich.
Flint Specialty Co., whip sockets, Flint, Mich.
Flint Varnish & Color Wks., Flint, Mich.
Flint & Walling Mfg. Co., mill & factory supplies & agri'l implements, Kendallville, Ind.
Flint, Warren F., Co., makers of steel wires, brushes, 74 India, Boston, Mass.
Flintkote Co., asphalt shingles & prepared roofing mfrs., 88 Pearl, Boston, Mass.
Flippo, H. O., canned goods, Buchanan, Va.
Flizikowski, John S., architect, 3044 Belmont av, Chicago, Ill.
Flocken, Chas., contractor, Elizabeth, N. J.
Flocker, Jno., & Co., mill & facty. supplies, 957 Liberty, Pittsburgh, Pa.
Floete Lbr. Co., Spencer, Iowa.
Floeter, P. C., architect, Bay City, Mich.
Flohr, G., Co., cornices & skylights, Mansfield, Ohio.
Flomaton F'ndry, Flomaton, Ala.
Flood City Mfg. Co., machsts., Johnstown, Pa.

Flood & Conklin Co., enamels, varnishes, etc., 132 Chestnut, Newark, N. J.
Flood, Edw. F., & Co., caskets, etc., 24 Essex, Newark, N. J.
Flood, Geo. S., & Co., masons' & bldrs.' matls., Waterville, Me.
Flood & Hall, Inc., sand, lime, brick, Detroit, Mich.
Flood & Van Wirt Co., contractors, Hudson Falls, N. Y.
Flood, Walter H., chemical engr., 22 Quincy, Chicago, Ill.
Floodberg & McCaffery, contractors, Monadnock Bldg., San Francisco, Cal.
Floor-Shine Mfg. Co., 2744 Olive, St. Louis, Mo.
Flor, Edw., saddletrees, Demorest, Ga.
Flora American Plywood Co., Ltd., plywood box shooks & veneers, 165 B'way, New York.
Flora, G. B., & Sons, canned goods, Wirtz, Va.
Flora Saw Mill Co., lbr., Flora, Ind.
Florala Saw Mill Co., Paxton, Fla.
Florance Bros. Mfg. Co., sash, doors & blinds, Paterson, N. J.
Florasynth Laboratories, Inc., 15 Beekman, New York.
Florence, B. D., & Son, flour mills, New Haven, Ky.
Florence Mfg. Co., machsts. & fndrs., Florence, Mass.
Florence Furniture Co., caskets, coffins, Florence, Mass.
Florence Ginning & Milling Co., flour, Florence, S. C.
Florence Iron Co. of Wisc., 25 Broad, New York.
Florence Iron Wks., machsts. & fndrs., 400 Chestnut, Phila., Pa.
Florence Knitting Mills, sweaters, etc., 1849 E. Venango, Philadelphia, Pa.
Florence Mach. Co., polishing machs., Florence, Mass.
Florence Mach. & R. R. Supply Co., Florence, Ala.
Florence Mfg. Co., metal nov. & specialties, Florence, Mass.
Florence Mills, cotton sheeting, Forest City, N. C.
Florence Silver Plate Co., 108 W. Lombard, Baltimore, Md.
Florence Table & Lbr. Co., Memphis, Tenn.
Florence Thread Co., Florence, N. J.
Florence Wagon Co., Florence, Ala.
Florentine Art Plaster Co., 2208 Chestnut, Philadelphia, Pa.
Florentine Brotherhood, brass fndrs., 842 Exchange av, Chicago, Ill.
Florentine Pottery Co., Cambridge, Ohio.
Florey Bros., pianos, Washington, N. J.
Florey's Brick Wks., East Downington, Pa.
Florian, Paul A., Jr., advertising counsellor, 200 E. Erie, Chicago, Ill.
Florida Auto & Gas Engine Co., plbrs. supplies, Tampa, Fla.
Florida Cotton Oil Co., cottonseed meal, Chattanooga, Tenn.
Florida Fertilizer Co., Gainesville, Fla.
Florida Hardware Co., Jacksonville, Fla.
Florida Lime Co., Ocala, Fla.
Florida Mach. Wks., brass castings, Jacksonville, Fla.
Florida Metal Products Co., Jacksonville, Fla.
Florida Moss Products Co., Dept. H, Jacksonville, Fla.
Florida Phosphate Mining Corp., Bartow, Fla.
Florida Pine Co., lumber, Jacksonville, Fla.
Florida Pitch Pine Lumber Co., Fernandina, Fla.
Florida Spring Bed Mfg. Co., Jacksonville, Fla.
Florida Wood Products Co., Jacksonville, Fla.
Florida Woodenware Co., Palatka, Fla.
Floridin Co., fullers earth, Warren, Pa.
Florin, Philip, advtg. nov., 465 Broome, New York.
Florists' Exchange, trade publication, 448 W. 37th, New York.
Florsblom, Ed., architect, Witchita, Kan.
Flory, S. Mfg. Co., slate & stone machinery & hoisting engines, Bangor, Pa.
Flosson Lunch Wagon Co., Westfield, N. Y.
Fostoria Stave & Barrel Co., cooperage stock, Fostoria, Ohio.
Flota Mica Sales Co., lubricants, 214 Moffat, Detroit, Mich.
Floto Bros. Constr. Co., Steubenville, Ohio.
Floto, Julius, architect, 189 W. Madison, Chicago, Ill.
Flounders Bros., contrs., Media, Pa.
Flounders, Jas. B., contractor, 1329 Arch, Philadelphia, Pa.
Flounders, Newton, architect, Media, Pa.
Flour City Ornamental Iron Co., 27th & 27th av, Minneapolis, Minn.
Flour City Trunk Co., 115 2d av, S. E., Minneapolis, Minn.
Flournoy, Addison H., landscape architect, McClean Bldg., Washington, D. C.
Flournoy, David, brick, Evergreen, La.
Flournoy, Parke, Jr., architect, 1417 John, Baltimore, Md.
Flower City Brick Co., 446 Powers Bldg., Rochester, N. Y.
Flower City F'dry Co., Rochester, N. Y.
Flower City Plant Food Co., Rochester, N. Y.
Flower City Tissue Mills Co., Rochester, N. Y.
Flower, D. B., brush holders, 1217 Spring Garden, Phila., Pa.
Flower, Stephen, Mfg. Co., machst. & fndrs., 107 Parkinson, Detroit, Mich.
Flower Valve Mfg. Co., fire hydrants, 10 Parkinson, Detroit, Mich.
Flower, Walter L., Co., oil filters, 307 S. 8th, St. Louis, Mo.
Flowers, E. P., & Co., lumber mfrs., Montgomery, Ala.
Flowers Fndry. Co., Harmony, Pa.
Flowers Welding & Cutting Co., Canton, O.
Floyd Cotton Mills, Rome, Ga.
Floyd-Wells Co., stove mfrs., Royersford, Pa.
Fluck, Hugh W., stone, 7306 Kimbark av, Chicago, Ill.
Fludder, A. J., contractor, Newport, R. I.
Fluegel, Anton, archl. iron, 219 Cook, Brooklyn, N. Y.
Fluhrer Bros., lbr., Mayger, Ore.
Fluke, J. B., & Son, contractors, Altoona, Pa.
Fluor Bros. Const. Co., bldg. contrs., Oshkosh, Wis.
Flurie, E. E., brick, New Cumberland, Pa.
Flurschutz, H. W. F., & Son, furniture, Dept. H, Cumberland, Md.
Flury, Geo. B., contractor, 1138 S. 22d, Philadelphia, Pa.
Flushing Canning Co., Flushing, Mich.
Fluskey, J. B., tubular boilers, Pier 4, Pratt, Baltimore, Md.
Fly Swatter Mfg. Co., Canton, Ohio.
Flygare & Barnes, machsts. & fndrs., Connell, Wash.
Flynn Bros., brass fndrs., Hoboken, N. J.
Flynn Bros. Brush Mfg. Co., Troy, N. Y.
Flynn & Doyle Co., carriages, Bantam, Conn.
Flynn & Emrich Co., machinery mfrs., 305 N. Holliday, Baltimore, Md.
Flynn, John J., Co., contractors, Washington, Salem, Mass.
Flynn Lbr. Co., Swiss, W. Va.
Flynn, M. W., granite, Westerly, R. I.
Flynn, T. J., Metal Wks., Cambridge, Mass.
Flynn, W. S., clarifiers, condensers & stills, 76 Hudson, Jersey City, N. J.
Flynn, Wm. F., & Son, cornices & skylights, Attleboro, Mass.
Flynn, Wm. H., Machy Co., mill & facty. supplies, 404 E. 2d Cincinnati, Ohio.
Flynt Building & Construction Co., Palmer, Mass.
Flynt, W. N., Granite Co., crushed stone, Monson, Mass.
F. & N. Lawn Mower Co., Richmond, Ind.
Foale, F. A. S., architect, Ochsner Bldg., Sacramento, Cal.
Foamite Extinguisher Co., see Foamite Firefoam Co. (successors).
Foard-Barstow Ship Chandlery Co., mill & facty. supps., San Francisco, Cal.
Foard, S. B., canned goods, Rocks, Md.
F. & O. Cedar Wks. (Ltd.), 40 Murray, New York.
Fobes Supply Co., elec. supplies, 560H 1st av, Seattle, Wash.
Focht, Geo., Sons, fndry. barrows, machsts., 117-119 Adams, Hoboken, N. J.
Focht, L. H., & Son, contractors, Reading, Pa.
Focke's, Wm., Sons Co., meat packers, Dayton, Ohio.
Foco Oil Co., lubrg., Franklin, Pa.
Foehringer, Fred, architect, 2672 Orchard, Chicago, Ill.
Foell Architectural Co., architects, 3349 California av, St. Louis, Mo.
Foell Supply Co., canned goods, 331 W. 22d pl, Chicago, Ill.
Foerst, John, & Sons, fuel oil burners, Bayonne, N. J.
Foery & Kastner, contractors, Rochester, N. Y.
Fogarty, Jas. H., traps, heaters, regulators, 126 Liberty, New York.
Fogarty, M. J., machsts., 40 Harrison, Brooklyn, N. Y.
Fogarty, Michael, tubular boilers, 531 W. 33d, New York.
Fogarty, Philip, & Co., sink brushes, 49 Wyona, Brooklyn, N. Y.
Fogel Constr. Co., Sioux City, Ia.
Fogel, R. W., architect, 1839 Warner av, Chicago, Ill.
Fogerty, Wm. J., heating contr., 26 Peck, Providence, R. I.
Fogg, Alman H., Co., whol. hdwe., Houltan, Me.
Fogg, Ezra D., Co., lbr. mfrs., New Haven, Conn.
Fogg & Hires Co., canned goods, Salem, N. J.
Fogg, M. W., boat cushions, mattresses, 202 Front, New York.
Fogle Bros. Co., contractors, masons' & bldrs.' matls., Winston Salem, N. C.
Fogle Const. Co., contrs., Reliance Bldg., Kansas City, Mo.
Fogliasso-Clement Bldg. Co., 197 Bleecker, New York.
Foidel, S., canned goods, Knoxville, Ia.
Folberth Auto Specialty Co., carbureters, 7914 Lake av, Cleveland, Ohio.
Fold Easy House Mfg. Co., chairs, swings, etc., McClure, Pa.
Folding Mattress Co., New Haven, Conn.
Folding Partition Co., see Wilson, J. G., Corp. (successor).
Folding Sawing Mach. Co., 161 W. Harrison, Chicago, Ill.
Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.
Foley Bros., bldg. contrs., Gilfillan Blk., St. Paul, Minn.
Foley Bros. Co., stone producers, Olean, N. Y.
Foley Contracting Co., Wabash & Violet, Pittsburgh, Pa.
Foley, D. A., & Co., contractors, Aitkin, Minn.
Foley, F. W., brass wire, Dollar Bay, Mich.
Foley Fertilizer Co., Foley, Ala.
Foley Greenhouse Mfg. Co., bldrs., 3260 W. 31st, Chicago, Ill.
Foley, John F., stationers' specialties, Attleboro, Mass.
Foley, M., Co., contractors, Evanston, Ill.
Foley, T. F., contractor, S. Norwalk, Conn.
Foley, W. E., architect, Baker Blk., Springfield, Mo.
Foley & Williams Piano Co., 19 W. Jackson blvd, Chicago, Ill.
Foley-Williams Supply Co., machsts. & fndrs., 19 W. Jackson blvd, Chicago, Ill.
Foley-Young & Peabody, contrs., Merchants' Nat'l bldg., St. Paul, Minn.
Folger, Jacob, meat packer, Toledo, Ohio.
Folk Bros., contractors, Findlay, Ohio.
Folk, E. L., Co., whol. hdwe., mill & facty. supplies, masons' & bldrs.' matls., Suffolk, Va.
Folks, T. John, architect, 452 Market, Paterson, N. J.
Follansbee Brothers Co., tin plate & sheet metals, 3rd & Liberty, Pittsburgh, Pa.
Follery, O. H., & Co., lbr., Sumter, S. C.
Folleson, T. E., Fdy. Co., Rockford, Ill.
Follett Time Recording Co., 9 W. Broadway, New York.
Follmer, C. C., & Co., lbr. mfrs., Grand Rapids, Mich.
Follmer, Clogg & Co., umbrella mfrs., 114 5th av, New York.
Follrath, W. D., & Co., cornices, Springfield, Ohio.
Folsom, C. G., Mfg. Co., rural mail boxes, South Bend, Ind.
Folsom, H. & D., Arms Co., whol. h'dwe., 314 B'way, New York
Folsom Morris Mining Co., Lehigh, Okla.
Folsom, R. L., heating boilers, 235 Congress, Boston, Mass.
Folsom Snow Guard Co., 4 P. O. sq., Boston, Mass.
Folsom & Stanton, architects, 1328 Walnut, Philadelphia, Pa.
Folsom & Tillman Hardware Co., Helena, Ga.
Foltmer, Peter M., sash, door & blind, St. Cloud, Minn.
Folts, H. C., elec. contr., Pasadena, Cal.
Foltz, Cyrus, contractor, Swayzee, Ind.
Foltz, D. C., common brick, Dunbar, Pa.
Foltz, Frederick Co., architects, 111 W. Washington, Chicago, Ill.
Foltz, Herbert, architect, Lemcke Annex, Indianapolis, Ind.
Foltz Manufg. & Supply Co., mill & facty. supplies, whol., Hagerstown, Md.
Folwell-Ahlskog Co., contrs. & engnrs., McCormick Bldg., Chicago, Ill.
Folz, Frank W., & Co., contractors, Dayton & Freeman av, Cincinnati, Ohio.
Foncar, Mary M., patent lthr., Woburn, Mass.
Fond du Lac Church Furniture Co., Fond lu Lac, Wis.
Fonda, F. A., agricultural implements, East Galway, N. Y.
Fonda, W. B. (Est. of), lime mfrs., Saint Albans, Vt.
Fonder, Edw. F., contractor, Land Title Bldg., Philadelphia, Pa.
Fones Bros. Hardware Co., Little Rock, Ark.
Fontaine, B., Hardware Co., Green Bay, Wis.
Fontaine, Walter F., architect, Woonsocket, R. I.
Fontein, M. H., Piano Co., Columbus, Neb.
Foohey, Timothy, Dredging Co., Fort Wayne, Ind.
Fooks Lumber Co., Paducah, Ky.
Foos Gas Engine Co., 800 Monroe, Springfield, Ohio.
Foot, Homer, & Co., mill & facty. supplies & whol. h'dwe., Springfield, Mass.
Foote & Becker, whol. h'dwe., Scranton, Pa.
Foote Bros. Gear & Machine Co., 213 N. Curtis, Chicago, Ill.
See adv. index at end of book.
Foote-Burt Co., drilling machines, 4101 St. Clair, Cleveland, O.
Foote, C. H., Lumber Co., Scranton & Girard av, Cleveland, O.
Foote Concrete Machinery Co., 1324 S. Michigan av, Chicago, Ill.
Foote, D. E., & Co., canned goods, 2023 Aliceanna, Baltimore, Md.

Foote, Headley & Carpenter, architects, Cutler Bldg., Rochester, N. Y.
Foote, J. B., Foundry Co., Fredericktown, Ohio.
Foote & Jones, contrs., Pittsfield, Mass.
Foote, machsts., Nunda, N. Y.
Foote Mfg. Co., combination tools, Dayton, Ohio.
Foote Mineral Co. (mineral products mfrs.), 107 N. 19th, Phila., delphia, Pa.
Foote, Pierson & Co., elec'l testing instruments, etc, 160 Duane, New York.
Foote, R. W., architect, 185 Church, New Haven, Conn.
Foote Reynolds Co., furniture, Dept. H, Grand Rapids, Mich.
Footes Trunk & Bag Fcty., Atlanta, Ga.
Foran Fndry. & Mfg. Co., Flemington, N. J.
Forbach, Christ, contractor, 204 French, Buffalo, N. Y.
Forbes, A. J., & Son, bank fix., 1530 Filbert, San Francisco, Cal.
Forbes, Benj. P., Co., metal polish, 409 Superior, Cleveland, O.
Forbes Boiler & Iron Wks., Peoria, Ill.
Forbes Brass Co., Rochester, N. Y.
Forbes, Chas. M., chemicals, Crocker Bldg., San Francisco, Cal.
Forbes, Chas. W., architect, 837 Elmwood av, Fort Worth, Tex.
Forbes Co., water sterilizers, 1234 Callowhill, Philadelphia, Pa.
Forbes, D. H., cornices & skylights, Topeka, Kans.
Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.
Forbes E. M., contractor, Norfolk, Va.
Forbes, John R., machsts. & fndrs., Jersey City, N. J.
Forbes, J. P., coupon books, Coshocton, Ohio.
Forbes Mfg. Co., wholesale hdwe., Hopkinsville, Ky.
Forbes & Myers, electric grinder mfrs., 169 Union, Worcester, Mass. *See adv index at end of book.*
Forbes, Rich'd J. H., concrete constrn., Monadnock Bldg., San Francisco, Cal.
Forbes, Robt. R., ground connection clamps, Mt. Holly, N. J.
Forbes Silver Co., Meriden, Conn.
Forbes Varnish Co., West Park, Ohio.
Forbes, W. H. Co., advtg. nov., Gloversville, N. Y.
Forbes, W. S., & Co., meat packers, Richmond, Va.
Forbis, Clarence J., architect, Missoula, Mont.
Forburger Stone Co., Lincoln, Neb.
Forbush Planing Mill Co., Gowanda, N. Y.
Force, Chas. C., & Son, mill & facty. supplies, Madison, N. J.
Force, W. A., & Co., hand stamp makers' machy., machsts., etc. 535 Pearl, New York.
Forchelmer, Hugo, lumber, Whitney Bldg., New Orleans, La.
Ford, A. H., stone producers, Hulberton, N. Y.
Ford, Bacon & Davis Corp., contrs., 115 B'way, New York.
Ford, Boos & Schoof, contractors, Janesville, Wis.
Ford Bros., canned goods, Syracuse, N. Y.
Ford Bros., machsts., 23 Illinois, Buffalo, N. Y.
Ford Bros. & Co., machsts. & fndrs., 1610 S. Front, Phila., Pa.
Ford Bros. Glass Co., 207 Washington av N., Minneapolis, Minn.
Ford, Butler & Oliver, architects, 101 Park av., New York.
Ford Chain Block & Mfg. Co., hoists (chain), 2nd & Diamond, Philadelphia, Pa.
Ford-Clark Co., bolts & exhaust valves, 3125 Perkins av, Cleveland, Ohio.
Ford Collieries Co., bituminous, Ford bldg, Detroit, Mich.
Ford & Co., wheels, Tippecanoe City, Ohio.
Ford, Edw., Plate Glass Co., Rossford, Ohio.
Ford, F. Codman, masons' & bldrs.' matls., front brick, 738 Union, New Orleans, La.
Ford Flour Co., Nashville, Tenn.
Ford Fdry. Co., stoves, Concord, N. H.
Ford Fndry. & Htg. Co., Cuyahoga Falls, Ohio.
Ford, Geo., machst. & fndr., Mystic, Ia.
Ford, G. W., lbr., Louisburg, N. C.
Ford, H. E., lbr., Matlock, Wash.
Ford, H. L., architect, 314 W. Wood, Youngstown, Ohio.
Ford, Hamilton E., architect, Lorain, Ohio.
Ford Hardware Co., Washington C. H., Ohio.
Ford Hardware Co., Inc., 404 4th av., New York.
Ford, Henry & Son, machsts. & brass fndrs., Dearborn, Mich.
Ford, J. B., Co., metal cleaners, Wyandotte, Mich.
Ford, J. W., flour mills, Hartford, Ky.
Ford-Johnson Chair Co., 801 S. Wabash av, Chicago, Ill.
Ford & Kendig Co., mill facty., plbrs.' & steamfitters' supplies, 1428H Callowhill, Phila., Pa.
Ford & Kimball, machsts. & fndrs., Concord, N. H.
Ford Lbr. Co., sash, door & blind mfrs., Princeton, Ind.
Ford Lumber Co., Sioux City, Ia.
Ford, Luther & Co., bluing, 260H 1st av, Minneapolis, Minn.
Ford, M. L., Co., contractors, Binghamton, N. Y.
Ford Mfg. Co., machsts., Rockford, Ill.
Ford Mfg. Co., pot covers, Newark, N. J.
Ford Mfg. Co., weather strips, Holyoke, Mass.
Ford Meter Box Co., Wabash, Ind.
Ford Motor Co., auto builders & gas engine mfrs., Highland Pk, Detroit, Mich.
Ford Paving Co., Cedar Rapids, Ia.
Ford-Perry Co., silver novelties, 70 Ship, Providence, R. I.
Ford & Phillips Co., contractors, 723 S. 5th av, Chicago, Ill.
Ford Pulley & Hdwe. Co., see Ford Hdwe Co., Inc. (successors).
Ford Roofing Products Co., 1134 N. Third, St. Louis, Mo.
Ford, S. N., & Co., sashes, doors & blinds, Mansfield, Ohio.
Ford, Sherwood D., architect, Lyon Bldg., Seattle, Wash.
Ford, Stephen W., architect, Clarksburg, W. Va.
Ford, Thos. P., Co., machsts., 407 Broome, New York.
Ford, W. B., canned goods, Van Bibber, Md.
Ford, W. F., Surgical Instrument Co., 80 Lafayette, New York.
Ford, William B., machsts. & fndrs., Royal Center, Ind.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Fordham Cornice Wks., 1004 Tremont av, New York.
Fordham Stone Renovating Co., 417 E. 34th, New York.
Fordland Canning & Packing Co., Fordland, Mo.
Fordney Fassett Co., lbr. mfrs., Franklinton, La.
Fordney, J. F., architect., Schmitz Bldg., Fort Wayne, Ind.
Fordney, J. W., lbr. mfrs., Saginaw, Mich.
Fords Porcelain Works, Perth Amboy, N. J.
Fordyce Lumber Co., Fordyce, Ark.
Fore Elec'l Mfg. Co., charging sets, magnetizers, ammeters & piston rings, 5355 N. Market, St. Louis, Mo.
Foreggor Co., surgical apparatus, 47 W. 42nd, New York.
Foreign Crucibles Corp., Ltd., Church & Fulton, New York. *See adv index at end of book.*
Foreign Languages Translation Bureau, 38 S. Dearborn, Chicago, Ill.
Foreman-Blades Lbr. So., Elizabeth City, N. C.
Foreman-Derrickson Veneer Co., Elizabeth City, N. C.
Foreman & Putman, contrs., Marietta, Ohio.
Foreman, Wm. A., architect, Foster lane nr. Nicoll av, Balt., Md.
Forest Box & Lbr. Co., 405 E, 4th, New York.
Forest Chemical Co., alcohol, acetate of lime, Sheffield, Pa.
Forest City Bedstead Co., 1197 W. 67th, Cleveland, Ohio.
Forest City Bit & Tool Co., Rockford, Ill.
Forest City Box Co., packing box, 723 Stone's Levee, Cleveland, Ohio.
Forest City Canning Co., Forest City, Ia., and Forest City, Mo.
Forest City Fdry. & Mfg. Co., mail boxes, etc., 2202 Elm av, Cleveland, Ohio.
Forest City Furniture Co., Rockford, Ill.
Forest City Mach. Co., Rockford, Ill.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio.
Forest City Provision Co., meat packers, 2773 E. 37th, Cleveland, Ohio.
Forest City Rubber Co., mill & facty. supplies, 1276 Ontario av, Cleveland, Ohio.
Forest City Steel & Iron Co., 110th nr Detroit av, Cleveland, O.
Forest City Woolen Mills Co., lumbermen's socks, Cleveland, O.
Forest Constr. Co., Forest, Ohio.
Forest Grove Fruit Growers' Assn., see Brownsville Canning Co. (successors).
Forest Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Forest Lbr. Co., Fulton Bldg., Pittsburgh, Pa.
Forest Products Co., charcoal, pine oil, rosin, turpentine mfrs., 1212 Whitney, New Orleans, La.
Forest Products Co., lbr., Red Wing, Minn.
Foresters Landscape, Ltd., 71 B'way, New York.
Forg, Peter, Mfg. Co., portables, 50 Park, Somerville, Mass.
Forged Products Co., machsts. & fndrs., Conway Bldg., Chicago, Ill.
Forged Steel Wheel Co., Pittsburgh, Pa.
Forgeson, J., & Son, architects, Findlay, Ohio.
Forhan, H. L., canned goods, Portland, Me.
Fork Township Oil Mill, meal, Townville, S. C.
Forked Deer Mfg. Co., flour mills, Trenton, Tenn.
Forked Deer Milling Co., flour, Dyersburg, Tenn.
Forman-Breen Mfg. Co., harness, saddles & strap wk. mfrs., Louisville, Ky.
Forman Co., signs, etc., 48 W. Bway, New York.
Forman, Ford & Co., glass, 111 S. 2d, Minneapolis, Minn.
Forman, Geo. A., stucco wk., 654 Gates av, Brooklyn, N. Y.
Forman H. M., lbr., Tionesta, Pa.
Forman & Light, architects, 63 William, New York.
Forman, Thos., Co., maple flooring, 121 Forman, Detroit, Mich.
Formhals & Son, carriages, Ottawa, Ill.
Formica Insulating Co., 4614 Spring Grove av, Cincinnati, O.
Forney Cotton Oil & Ginning Co., meal, Forney, Tex.
Forney, J. H., boxes, Burlington, Ia.
Fornwald Bros., sash, door & blind, Berlin, Pa.
Forrest, A. Lowther, architect, 11 E. Pleasant, Baltimore, Md.
Forrest, C. S., architect, Concord, N. H.
Forrest, Chas., contr., 46 Mohawk, Buffalo, N. Y.
Forrest City Box Co., Forrest City, Ark
Forrest, E. W., cornices and skylights, Fairhaven, Mass.
Forrestal, Chas., contractor, 2908 Chestnut, Milwaukee, Wis.
Forrester Bros. Stone Co., 35th & Roanoke blvd, Kansas City, Mo.
Forrester-Nace Box Co., pckg. box mfrs., 80 Wyoming, Kansas City, Mo.
Forrester Plaster Co. ft. E. 49th, Cleveland, Ohio.
Forsberg, Carl T., architect, 17 Battery pl, New York.
Forsberg, Gustave W., machst., 8th & Water, S. W., Washington, D. C.
Forschler Motor Truck Mfg. Co., New Orleans, La.
Forschner, Chas., & Sons, spring balances, 206 E. 19th, New York.
Forschner, R. H., Co., spring balances, 230 3d, New York.
Forster, Frank J., architect, 33 W. 42nd, New York.
Forster, J., cornices, 413 E. 53d, New York.
Forster, John G., patterns, Indianapolis, Ind.
Forster, Jno, M., Co., belting, wood pulleys & mill supplies, Rochester, N. Y.
Forster Lbr. Co., 428 E. Water, Milwaukee, Wis.
Forster Mfg. Co., tooth pick mfrs., Dixfield, Me.
Forster Paint & Mfg. Co., Winona, Minn.
Forster-Mueller Lbr. Co., Hiles, Wis.
Forsyth Chair Co., Dist. H, Winston Salem, N. C.
Forsyth, Chas. N., contractor, 3417 N. 16th, Philadelphia, Pa.
Forsyth Dining Room Furn. Co., Dept. H, Winston Salem, N. C.
Forsyth, Edward A., architect, 220 Woodworth av, Yonkers, New York.
Forsyth Electric Co., commutators, Seattle, Wash.
Forsyth Furn. Co., Dept. H, Winston Salem, N. C.
Forsyth Iron Bed Co., Winston-Salem, N. C.
Forsyth Mfg. Co., furniture, Dept. H, Winston Salem, N. C.
Forsyth Metal Goods Co., hdwe. specialties, East Aurora, N. Y.
Forsyth Roller Mills, Winston-Salem, N. C.
Forsyth, W., & Sons Co., auto engines & ironing boards, Lynn, Mass.
Forsythe Coal Co., Cambridge, Ohio.
Forsythe, Jas., masons' & bldrs.' matls., Clyde, Ohio.
Forsythe, John R., architect, 232 St. Paul., Baltimore, Md.
Fort Atkinson Canning Co., Fort Atkinson, Wis.
Fort Bragg Growers' Ass'n., canned goods, Fort Bragg, Cal.
Fort Dearborn Fndry. Co., grey iron castings, 23rd & Stewart av, Chicago, Ill.
Fort Dearborn Mfg. Co., sleeve wire connectors, etc., Sterling, Ill.
Fort Dodge Brick & Tile Co., Fort Dodge, Ia.
Fort Dodge Culv. Co., Fort Dodge, Ia.
Fort Dodge Fndry. Co., Fort Dodge, Iowa.
Fort Gaines Fertilizer Co., Fort Gaines, Ga.
Fort Harrison Mining Co., Terre Haute, Ind.
Fort Henry Mining Co., iron ores, Cleveland, Ohio.
Fort Jennings Stone Co., Fort Jennings, Ohio.
Fort Miller Pulp & Paper Co., Fort Miller, N. Y.
Fort, O. M., architect, Camden, S. C.
Fort Orange Const. Co., 61 Columbia, Albany, N. Y.
Fort Orange Paper Co., Dept. H, Castleton-on-Hudson, N. Y.
Fort & Parslow, architects, Tampa, Fla.
Fort Pitt Bedding Co., mattresses, Liverpool & Preble, Pittsburgh, Pa.
Fort Pitt Bridge Wks., steel struct'l wks., House Bldg., Pittsburgh, Pa.
Fort Pitt Chemical Co., liquid soap, 3134 Penn av, Pittsburgh, Pa.
Fort Pitt Hdwe. Co., 807 Liberty av, Pittsburgh, Pa.

Fort Pitt Malleable Iron Co., castings, machsts. & fndrs., Thompson & Crawford, Pittsburgh, Pa.
Fort Pitt Oil & Paint Co., 3206 Penn av, Pittsburgh, Pa.
Fort Pitt Spring & Mfg. Co., John, Pittsburgh, Pa., & Hobart Bldg., San Francisco, Cal.
Fort Pitt Steel Casting Co., McKeesport, Pa.
Fort Pitt Steel & Iron Works, 802H Fulton Bldg., Pittsburgh, Pa.
Fort Pitt Stone & Brick Co., Carnegie, Pa.
Fort Pitt Supply Co., plumbers' supplies—jobbers, 332 2d av, Pittsburgh, Pa.
Fort Recover Stirrup Co., stirrups—wooden, Ft. Recovery, Ohio.
Fort Recovery Tile Co., Fort Recovery, Ohio.
Fort Scott Hydraulic Cement Co., Ft. Scott, Kans.
Fort Scott Sorghum Syrup Co., canned, Fort Scott, Kans.
Fort Smith Chair Co., Fort Smith, Ark.
Fort Smith Folding Bed & Table Co., Dept. H, Fort Smith, Ark.
Fort Smith Furn. Co., Dept. H, Fort Smith, Ark.
Fort Smith Handle Co., Fort Smith, Ark.
Fort Smith Lumber Co., Plainview, Ark.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Fort Smith Spelter Co., Greencastle, Ind.
Fort Smith Wagon Co., Fort Smith, Ark.
Fort Stanwix Canning Co., Rome, N. Y.
Fort Valley Oil Co., Fort Valley, Ga.
Fort Wayne Box Co., Ft. Wayne, Ind.
Fort Wayne Brick Co., Fort Wayne, Ind.
Fort Wayne Builders' Supply Co., Fort Wayne, Ind.
Fort Wayne Corrugated Paper Co., Ft. Wayne, Ind.
Fort Wayne Electric Works of Gen. Elec. Co., Ft. Wayne, Ind.
Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
Fort Wayne Fdry. & Mach. Co., Ft. Wayne, Ind.
Fort Wayne Iron Steel Rolling Mills, W. Taylor, Ft. Wayne, Ind. *See adv. index at end of book.*
Fort Wayne Iron Store Co., Fort Wayne, Ind.
Fort Wayne Lumber Co., Fort Wayne, Ind.
Fort Wayne Oil & Supply Co., Fort Wayne, Ind.
Fort Wayne Rolling Mills Corp., concrete reinforcing materials, Ft. Wayne, Ind.
Fort Wayne Roofing & Paving Co., Fort Wayne, Ind.
Fort Wayne Saddlery Co., Ft. Wayne, Ind.
Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.
Fort Worth Feather & Mattress Factory, Fort Worth, Tex.
Fort Worth Packing Co., meat, Fort Worth, Tex.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Fortado, J. L., Co., stone prod., Springfield, Ill.
Fortenbacher, J., & Son, cornices & skylights, 538 E. Ohio, Pittsburgh, Pa.
Fortenbaugh, Chas., packing box mfrs., 636 W. Pratt, Baltimore, Md.
Forth, W. J., stone producers, Manistee, Mich.
Fortier, Theo., lawn furn., 1971 B'way, B'klyn, N. Y.
Fort-ified Mfg. Co., elec. htg. devices, Gumbel Bldg., Kansas City, Mo.
Fortin-Chambers Co., contrs., Ry. Exch. Bldg., Portland, Ore.
Fortin, Jos. T., architect, 600 Blue Island av., Chicago, Ill.
Fortner, L. B. Co., aniline colors, 235 Dock, Phila., Pa.
Fortner, S. A., canned goods, Smyrna, Del.
Fortson Shingle Co., lumber, Fortson, Wash.
Fortuna Mach. Co., 127 Duane, New York.
Fortville Canning Co., Fortville, Ind.
Forve-Pettebone Co., elec. & gas light fixtures, Los Angeles, Cal.
Fosburgh Lumber Co., Norfolk, Va.
Fosdick Machine Tool Co., Cincinnati, Ohio.
Foshee, J. M., lumber, Cohasset, Ala.
Foskett & Bishop Co., steam fitters, mill & facty. supps., New Haven, Conn.
Foss, Al., fishing bait, 1722 Cumberland rd, Cleveland, Ohio.
Foss & Bump, Inc., leather belting, 67 Taylor, Springfield, Mass.
Foss Designing & Bldg. Co., contrs., Pasadena, Cal.
Foss, E. B., lbr. mfrs., Bay City, Mich.
Foss Engine Wks., machsts., Kalamazoo, Mich.
Foss, F. W., Co., masons' & bldrs.' matls., Berkeley, Cal.
Foss, Geo. F., Machy. & Supp. Co., 30 Church, New York.
Foss & Janes, contractors, Fitchburg, Mass.
Foss, M. L., mill & facty. supp., Denver, Colo.
Foss & Pevear, architects, 71 Brimmer, Boston, Mass.
Foss, W. J., Co., mill & facty. supplies, Springfield, Mass.
Fosseen, A. B., & Co., masons' & bldrs.' matls., North Yakima, Wash.
Fossett, Geo. W., & Son, cornices, 10 N Vogdes, Philadelphia, Pa.
Fossler, E., bldg. contr., Hollywood, Cal.
Fossol, John, & Co., sponges, Tarpon Springs, Fla.
Fosston-Carpenter Co., agricultural implements, washing mach., etc., St. Paul, Minn.
Fossum, Geo. F., architect, Aberdeen, S. D.
Foster, A. M., & Co., glass bottles & jars, 6 E. Lake, Chicago, Ill.
Foster, Arthur, architect., 155 N. Clark, Chicago, Ill.
Foster, B. D., Mrs., stone producer, Carter, Ky.
Foster Bolt & Nut Mfg. Co., Union av. & E. 72d, Cleveland, O.
Foster Box Board Co., Utica, N. Y.
Foster Bros., architects, Danbury, Conn.
Foster Bros., mill & facty. supplies, 293 Market, Newark, N. J.
Foster Bros. & Chatillon Co., cutlery mfrs., Fulton, N. Y.
Foster Bros. Mfg. Co., bedstead mfrs., mattresses, 320 N. Holliday, Baltimore, Md.
Foster Bros. Mfg. Co., bedsteads, mattresses, etc., Utica, N. Y.
Foster-Brown Co., machsts. & fndrs., Westbrook, Me.
Foster, C. A., architect, 2810 Newkirk av, Brooklyn, N. Y.
Foster, C. H., Accessories Co., auto. lamps, Chicago, Ill.
Foster, C. M., architect, 112 E. 4th, Cincinnati, Ohio.
Foster Const. Co., Caswell blk., Milwaukee, Wis.
Foster Creek Lbr. & Mfg. Co., Stephenson, Miss.
Foster & Creighton Co., contractors, stone producers, Nashville, Tenn.
Foster, David S., Sons & Co., whol. hdwe., mill & factory supplies, Utica, N. Y.
Foster Engng. Co., belt shifters, regulators, etc., 109 Monroe, Newark, N. J.
Foster, F. B., & Co., corrugated fibre products, see Federal Container Co. (successors).
Foster, Fountain & Co., canned goods, Biloxi, Miss.
Foster Gear Co., machsts., 246 Kaiser, Columbus, Ohio.
Foster, Geo. L., & Son, architects, Mansfield, Mass.
Foster, H. M., Co., railway equipment, Baltimore & Calvert, Baltimore, Md.
Foster, Harry H., soap spouts, Cabot, Vt.
Foster Heating Co., 15 Palmer, Rox, Boston, Mass.
Foster & Hosler, granite, 431 S. Dearborn, Chicago, Ill.
Foster, Jacob R., pegs—shoe, Plymouth, N. H.
Foster, Jas. P., & Co., sash, door & blind mfrs., 115 S. Frederick, Baltimore, Md.
Foster, L. B., Co., second hand pipe, Park Bldg., Pittsburgh, Pa.
Foster-Latimer Lumber Co., Mellen, Wis.
Foster & Loftus, contrs., Bangor, Me.
Foster, Lothman Mills, sash, door & blind mfrs., Oshkosh, Wis.
Foster, Louis H., Turkish towels, D & Tioga, Philadelphia, Pa.
Foster Lumber Co., Long Bldg., Kansas City, Mo.
Foster Lumber Co., Tacoma, Wash.
Foster, M. A., & Son, machsts. & brass fndrs., Altoona, Pa.
Foster Mach. Co., turret lathes, Elkhart, Ind.
Foster Mach. Co., textile machy., supplies, etc., Westfield, Mass.
Foster Mfg. & Supply Co., bolts, nuts, rivets, spikes, boiler tubes, tie rods, wire rope, washers & contrs'. supplies, 20th & Venango, Phila., Pa.
Foster Marine Boiler Corp., 111 B'way, New York.
Foster, Merriam & Co., machsts. & fndrs., Meriden, Conn.
Foster, Morgan, Lumber Co., Henry Bldg., Seattle, Wash.
Foster, Mortimer, architect, 15 W. 38th, New York.
Foster-Munger Co., sash, door & blind mfrs., etc., see Chicago Millwork Supply Co. (successors).
Foster, N. C., Lumber Co., Fairchild, Wis.
Foster Pump Wks., Inc., mfrs. of pumps and pumping machinery, 37 Bridge, Brooklyn, N. Y.
Foster, R. S., Lbr. Co., Indianapolis, Ind.
Foster-Richardson Co., bedstead mfrs., Westboro, Mass.
Foster, Robt. W., machsts. & fndrs., New Bedford, Mass.
Foster Rubber Co., 105 Federal, Boston, Mass.
Foster, S. A., Lumber Co., Lincoln, Neb.
Foster Sheet Metal Co., ceilings, cornices, ornaments, etc., Springfield, Ill.
Foster-Songer Co., mill & facty. supplies, Park Bldg., Pittsburgh, Pa.
Foster, Stevens & Co., wholesale hardware, 157 Monroe av, N. W., Grand Rapids, Mich.
Foster Stove Co., Ironton, Ohio.
Foster, Sydney H., architect, Wilkinson bldg, Omaha, Neb.
Foster, Theo. W., & Bro. Co., shears, scissors, silver novelties, 100 Richmond, Providence, R. I.
Foster-Thornburg Hdwe. Co., Huntington, W. Va.
Foster, Tobias, machinist, Spencerville, Ohio.
Foster, W. R., contr., Boston, Ga.
Foster, Walter H., Co., milling machines, 50 Church, New York.
Foster Winslow H., architect, 9238 Pleasant av, Chicago, Ill.
Foster, Wm., architect, Butler, Pa.
Foster, Wm. G., architect, Streator, Ill.
Foster & Williams Mfg. Co., agricultural implements, machsts. & fndrs., Racine, Wis.
Fostoria Battery Co., Fostoria, Ohio.
Fostoria Glass Co., 60 Pearl, Buffalo, N. Y.
Fostoria Glass Co., lamp chimney, Moundsville, W. Va.
Fostoria Incandescent Lamp Div. of G. E. Co., Fostoria, Ohio.
Fostoria Mach. & Tool Co., Fostoria, Ohio.
Fostoria Pressed Steel Co., sheet metal stampings, Fostoria, Ohio.
Fostoria Provision Co., meat packers, Fostoria, Ohio.
Fostoria Screw Co., Fostoria, Ohio.
Fothergill, Thos. W., cornices & skylights, Houston, Tex.
Fotheringham, John, contractor, 3367 Fkd. av, Philadelphia, Pa.
Foucart, J. E., machsts., Williamsport, Pa.
Fougera, E., & Co., filter paper, 90 Beekman, New York.
Foughner Concrete Ship Bldg. Co., 50 Pine, New York.
Fougner Concrete Steel Co., concrete steel materials, 29 B'way, New York.
Fougner, E. H., architect, 764 Broad, Newark, N. J.
Fouke, Geo. W., Lbr. Co., Louin, Miss.
Foulds, I., & Son, belting, Hudson, Mass.
Foulds, Wm., Co., paper & pulp mill, Manchester, Conn.
Foulk, Frank H., architect, New Castle, Pa.
Foulk, Walter L., contractor, Vineland, N. J.
Foulkes Contracting Co., Terre Haute, Ind.
Foulkes, Edw. T., architect, Crocker Bldg., San Francisco, Cal.
Foulks, Wm., machsts., fndrs., Moorhead, Minn.
Foundation Co., contrs, dock bldrs, etc., 120 Liberty, New York
Foundries Co., Orrville, Ohio.
Foundry, trade publications, E. 12th & Chester, Cleveland, Ohio
Foundry Equipment Co., Buffalo, N. Y.
Foundry Equipt. Co., tumbling barrels, 1833 Columbus rd, Cleveland, Ohio.
Foundry & Mach. Products Co., 8263 H Fordyce, Detroit, Mich.
Foundry Manganese Co., ferro alloys, etc., Harrison Bldg., Philadelphia, Pa.
Foundry Specialty Co., fdry. flux, Cincinnati, Ohio.
Fountain-Campbell Lbr. Co., Ladysmith, Wis.
Fountain & Choate, contractors, 113 E. 23d, New York.
Fountain Faucet Co., 61st av. W. & Polk, Duluth, Minn.
Fountain, J., Lbr. Co., Appleton, Wis.
Fountain, Jno., Jr., cable joints, 510 Broome, New York.
Fountain Spec. Co., Grand Haven, Mich.
Four Drive Tractor Co., Big Rapids, Mich.
Four Oaks Motor Car Co., Dept. H, Four Oaks, N. C.
Four States Lbr. Co., Texarkana, Ark.
Four Wheel Drive Auto Co., Clintonville, Wis.
Four Wheel Drive Motor Truck Co., Webberville, Mich.
Fourche River Lbr. Co., 5 N. La Salle, Chicago, Ill.
Fourman Bros., lumber mfg., Arcanum, Ohio.
Fournier, Auguste, archit., 4 Ashburnham, W. Fitchburg, Mass.
Fouts, C. C. Co., silos & tanks, 650 Woodlawn av, Middletown, O.
Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.
Fow Mfg. Co., furnace pipe, 123 N. 2nd, Philadelphia, Pa.
Fowble, Chas. A., contractor, Germ. Life Bldg., St. Paul, Minn.
Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Philadelphia, Pa.
Fowden, Wm. T., blow-off valves, Chester, Pa.
Fowell, Wm., & Son, contractors, Nashua, N. H.
Fowle, John L., belt knives, Reading, Mass.
Fowler Airplane Corpn., 128 12th, San Francisco, Cal.
Fowler Bottling Mach. Co., 124 White, New York.
Fowler Bros., Co., fertilizer, Covington, Ga.
Fowler Canning & Mfg. Co., Fowler, Colo.
Fowler & Capelle, architects, Amer. Trust & Savings Bank Bldg., Evansville, Ind.
Fowler, Chas. S., lbr., Grass Valley, Cal.
Fowler, Clarence, architect, 15 E. 40th, New York.
Fowler & Co., curtain rods, Worcester, Mass.
Fowler, D., Jr., & Co., brick, Haverstraw, N. Y.
Fowler, E. S., ophthalmoscopes, 31 State, Chicago, Ill.
Fowler, Everett, brick, Haverstraw, N. Y.
Fowler, F. S., mill & facty. supplies, Amesbury, Mass.

Fowler, Frank H., architect, L. C. Smith bldg, Seattle, Wash.
Fowler Fndry. Co., machsts. & brass fndrs., Bradford, Pa.
Fowler, Fred H., architect, 329 Carson av, Rochester, N. Y.
Fowler, G. W., & Co., commutator compounds, North Tonawanda, N. Y.
Fowler, Geo. W., Co., machsts. & fndrs., West Palm Beach, Fla.
Fowler, J. L., Co., billiard tables, 1812 W. Lake, Chicago, Ill.
Fowler, J. M., lbr., Benson, Vt.
Fowler, J. P., Mfg. Co., machsts. & fndrs., Salt Lake City, Utah.
Fowler, J. Sumner, architect, 15 Exchange, Boston, Mass.
Fowler, L. A., & Sons, contrs., 1409 Walnut, Kansas City, Mo.
Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
Fowler, Lawrence H., architect, 347 N. Charles, Baltimore, Md.
Fowler & McVitie, masons' & bldrs.' matls., Galveston, Tex.
Fowler-Manson-Sherman Cycle Mfg. Co., 1447 Austin av, Chicago, Ill.
Fowler Nail Co., Seymour, Conn.
Fowler Net & Twine Co., fish nets, 107 S. 2d, Philadelphia, Pa.
Fowler-Norwood-Greene Co., packing boxes, Keene, N. H.
Fowler, O. L., contractor, New London, Conn.
Fowler Packing Co., meat packers, Kansas City, Kans.
Fowler & Pay, masons' & bldrs.' matls., Mankato, Minn.
Fowler & Seaman, architects, H Broad, Trenton, N. J.
Fowler & Sellars Co., cornices, White Plains, N. Y.
Fowler, W. J., lumber, Bowdon, Ga.
Fowler & Wolfe Mfg. Co., hot water radiators, Bulletin Bldg., Phila., Pa.
Fowles, Harry I., & Son, contrs., 188 Poplar, New Haven, Conn.
Fowles, J. H., & Son, contractors, Holyoke, Mass.
Fownes Bros. & Co., gloves, 119 W. 40th, New York.
Fox, A. H., Gun Co., 4700 N. 18th, Philadelphia, Pa.
Fox, Arthur W., stereopticons, 83 Schermerhorn, Brooklyn, N. Y.
Fox, Benj., Inc., contractor, 15 Exchange, Boston, Mass.
Fox, Benj., Sons, machsts. & fndrs., 513 W. 34th, New York.
Fox-Borden Mfg. Co., desk tele. brackets, 103 Station A, Hartford, Conn.
Fox Bros. & Co., mill & facty. supplies, 126 Lafayette, New York.
Fox Bros. Hardware Co., Pine Bluff, Ark.
Fox, C. M., Silica Sound, Ridgway, Pa.
Fox, Chas. E., architect, 721 N. Michigan av, Chicago, Ill.
Fox, Chas. H., arch'l iron, 369 W. 11th, New York.
Fox, Chas. J., heating contr., 1208 Grand av., Milwaukee, Wis.
Fox, Chas. J., soap, 313 S. Philip, Philadelphia, Pa.
Fox, Chas. K., Heel Co., wooden shoe heels, Haverhill, Mass.
Fox Chemical Co., fertilizer mfgs., Louisville, Ky.
Fox, E. S., & Co., brick, stove linings, Reading, Pa.
Fox Electrical Corpn., 119 42nd, New York.
Fox, Elmer J., architect, 39 S. State, Chicago, Ill.
Fox & Engle, mill & facty. supplies, 253 B'way, New York.
Fox Furnace Co., Elyria, Ohio.
Fox Furn. Co., Dept. H, Ashland, Ohio.
Fox & Gale, architects, 3 Park, Boston, Mass.
Fox, Geo. E., Co., plate glass desk pads, stationers' specialties, 35 W. Kinzie, Chicago, Ill.
Fox, Geo. S., see Horst Bros. (successors).
Fox, Gustav, Co., advtg. nov., Cincinnati, Ohio.
Fox, H. K. C., htg. contrs., Frederick, Md.
Fox, H. W., & Co., contractors, 2917 Greenmount av, Baltimore, Md.
Fox, Henry E., Const. Co., 81 E. 125th, New York.
Fox, J. H., & Son, toys, Berea, Ohio.
Fox, J. M., Iron Wks., brass fndrs., Peekskill, N. Y.
Fox, J. W., Excelsior Co., Grand Rapids, Mich.
Fox, Jas., & Sons, contractors, Richmond, Va.
Fox, John A., architect, 126 Tremont, Boston, Mass.
Fox, Jno., & Co., cast iron pipes, 253 B'way, New York.
Fox, John J., architect, 38 S. Dearborn, Chicago, Ill.
Fox, Jno. M., & Co., battery coppers, washers, Portland, Me.
Fox, Jno. O., & Co., masons' & bldrs.' matls., Putnam, Conn.
Fox, L. C., masons' & bldrs.' matls., Irwin, Pa.
Fox, L. E., brick, Medina, Ohio.
Fox Lake Canning Co., Fox Lake, Wis.
Fox Lime & Stone Co., Racine, Wis.
Fox, M. Ewing Co., paint mfrs., 241 E. 136th, New York.
Fox Mach. Co., Jackson, Mich.
Fox, Max, scrap iron, New Bedford, Mass.
Fox Paper Co., Lockland, Ohio.
Fox Pioneer Scrap Iron Co., Racine, Wis.
Fox River Boiler & Sheet Iron Wks., machsts. & fndrs., Aurora, Ill.
Fox River Cornice Works, Green Bay, Wis.
Fox River Iron Co., machsts. & fndrs., Aurora, Ill.
Fox River Paper Co., Appleton, Wis.
Fox River Screen Plate Co., Appleton, Wis.
Fox River Valley Knitting Co., lumbermen's socks, Appleton, Wis.
Fox Supply Co., floor surfaces, Brooklyn, Wis.
Fox, T. R., & Son, contractors, Hartford, Conn.
Fox, Thos., granite, Concord, N. H.
Fox Typewriter Co., Grand Rapids, Mich.
Fox, W. H., & Sons, paper & pulp mills, Penn Yan, N. Y.
Fox, Wm., brick, Peoria, Ill.
Fox, Wm., freight elev., 71 Larned, W. Detroit, Mich.
Fox, Z. F., & Son, clamps, gauges, trucks, etc., Freeport, Mich.
Fox & Fox, architects, 111 W. Washington, Chicago, Ill.
Fox, Wm. Paul, architect, 38 S. Dearborn, Chicago, Ill.
Foxboro Co., indicating & recording instruments for temperature, pressure, speed, time & combustion, mfrs., Foxboro, Mass.
See adv index at end of book.
Fox's, Geo., Sons, boilers, 511 W. 34th, New York.
Foy, Edw. A., Co., lightning rods, etc., 815 B'way, Cincinnati, Ohio.
Foy, Edw. L., & Co., plastic slate roofers, 16 W. Camden, Baltimore, Md.
Foy Paint Co., plate glass, 230 E. 5th, Cincinnati, Ohio.
Foy-Proctor Co., contractors, Nashville, Tenn.
Foy, Wm. D., architect, 104 S. Michigan av, care of Holabird & Roche, Chicago, Ill.
Foyer, Chas. A., & Co., typewriter ribbons, 1104 Prospect av, Cleveland, Ohio.
Fradley, J. F., & Co., silver nov., 312 E. 23d, New York.
Frahm, L., Co., bldg. contrs., 29th av & Mitchell, Milwaukee, Wis.
Frahn, Harry J., architect, Ind. Life Bldg., Nashville, Tenn.
Frailey Advertising Co., Youngstown, Ohio.
Frailey, J., & Bro., contractors, 451 Pearl, Buffalo, N. Y.
Fraim, E. T. Lock Co., night latches, hardware specialties & padlocks, Lancaster, Pa.
Fraine Bros. & Haigley, contrs., 18 Clay, Baltimore, Md.

Fraley's, S. C., Sons, scrap iron & steel, 515 Richmond, Philadelphia, Pa.
Fralick, S. R., & Co., conduit hangers, 15 S. Clinton, Chicago, Ill.
Fralin, J. L., canned goods, Blue Ridge Springs, Va.
Framburg, H. A., & Co., elec. & gas light fixtures, 24 S. Clinton, Chicago, Ill.
Framing Foundries, grey iron castings, Framingham, Mass.
Framingham Coal Co., Framingham, Mass.
Framingham Constr. & Supp. Co., Framingham, Mass.
Framingham Lumber Co., Framingham, Mass.
Framingham Screw Wks., schew mach. prod., Framingham, Mass.
Frampton-Foster Lbr. Co., Bessemer Bldg., Pittsburgh, Pa.
France Co., stone producers, Toledo & Van Wert, Ohio.
France, David Co., masons' & bldrs.' matls., Tasker St. Wharf, Philadelphia, Pa.
France Mfg. Co., rectifiers, 10360 Berea rd, Cleveland, Ohio.
France Milling Co., buckwheat flour, Cobleskill, N. Y.
France Packing Co., metallic packing, 6512 State road, Tacony, Phila., Pa.
France Quarries Co., crushed stone, Second National Bank Bldg., Toledo, Ohio.
France, Roy F., architect, 155 N. Clark, Chicago, Ill.
France Slag Co., concrete, slag & crushed stone, 2nd Nat'l Bank, Toledo, Ohio.
France Stone Co., 2nd Nat'l Bank bldg, Toledo, Ohio.
Frances, L. M., mach. & fdr., Reading, Pa.
Francesconi, J. C., & Co., imps., oils, etc., 23 Beaver, New York.
Francesville Clay Product Co., brick, Francesville, Ind.
Franche, C. E., & Co., wood finishing materials, 440 Orleans, Chicago, Ill.
Francini, C., marble imptrs., Lexington av & 35th, New York.
Francis Bros & Jellett (Inc.), htg. contrs. & machy. dlrs., 31 Madison av, New York, & Real Estate Trust Bldg., Philadelphia, Pa.
Francis, Chas. E., Co., factory trucks, glue machy., Rushville, Ind.
Francis Chemical Co., 131 Washington, Providence, R. I.
Francis & Co., diamond tools, 50 State, Hartford, Conn.
Francis, Henry M., & Sons, architects, Fitchburg, Mass.
Francis, Loutrel, & Co., R. R. stationery, 21 Cliff, New York.
Francis Machy. Co., St. Louis, Mo.
Francis Mfg. Co., dress hooks, Niagara Falls, N. Y.
Francis & Nygren Fndry. Co., 2542 Fillmore, Chicago, Ill.
Francis, Philip S., trolley pole brackets, 115 N. 6th, Phila., Pa.
Francis Vitric Brick Co., Boynton, Okla.
Francis, W. P., contractor, Atlanta, Ga.
Francis, W. R., & Bros., lumber mfrs., 1422 W. Cary, Richmond, Va.
Francis, Wm. C., architect, 64 Pearl, Buffalo, N. Y.
Francisco, Ferris L., architect, 39 S. La Salle, Chicago, Ill.
Francisco, Geo. M., contractor, 3639 Stettinius av, Cincinnati, O.
Franciscus Co., masons' & bldrs.' matls., Lewiston, Pa.
Franciscus Hardware Co., Tyrone, Pa.
Francke Co., flexible couplings, New Brunswick, N. J.
Franco-Am. Chemical Co., 8 Gold, New York.
Franco Am. Chem. Wks., Carlstadt, N. J.
Franco-American Food Co., canned, Franklin, Jersey City, N. J.
Frand, M. J. & Co., mchsts., Camden, N. J.
Frandsen Construction Co., 64 W. Randolph, Chicago, Ill.
Frandsen, H. J., contractor, 510 Rice, St. Paul, Minn.
Frank, Aug. C., die sinkers, 732 Sansom, Philadelphia, Pa.
Frank, Benjamin, architect, 328 N. Charles, Baltimore, Md.
Frank Chicory Co., Bay City, Mich.
Frank, De Keyser, bathroom fittings, 33 Park pl, New York.
Frank & Gutmann, jewelry cases, 25 W. 8th, New York.
Frank, H. J., Fdry & Mach. Co., Davenport, Ia.
Frank & Hedden Co., machsts, 183 1st, Jersey City, N. J.
Frank, Henry, Jr., mill & facty. supplies, whol. hdwe., 374 Hudson, New York.
Frank, Howard C., architect, House Bldg., Pittsburgh, Pa.
Frank, J. H., architect, Real Est. Tr. Bldg., Philadelphia, Pa.
Frank, L., Saddlery Co., San Antonio, Tex.
Frank, L. & S., advtg. spec., St. Louis, Mo.
Frank, L. & Son Co., meat packers, 644 Market, Milwaukee, Wis.
Frank, L. & Sons, fertilizer mfrs., Zanesville, O.
Frank, M. K., railroad equipt., steel bridges, etc., 917H Frick Bldg., Pittsburgh, Pa.
Frank Mfg. Co., concrete mixers, Des Moines, Ia.
Frank, Nathan, & Sons, scrap iron, 1404 Mullikin, Baltimore, Md.
Frank Oil Co., lubrg., Titusville, Pa.
Frank, P. M., Disinfecting Co., 91 Bleecker, New York.
Frank, Peter H. & Son, contractors, Prudential bldg, Buffalo, N. Y.
Frank Pure Food Co., canned goods, 288 E. Water, Milwaukee, Wis.
Frank, R. E., Steam Boiler Co., 6714 S. Chicago av, Chicago, Ill.
Frank, S. M., & Co., smoking pipes, 928 B'way, New York.
Frank-Wagner & Mitchell, architects, Permanent Title Bldg., Akron, Ohio.
Frank, Walter G., architect, Clarendon Bldg., Utica, N. Y.
Frank, Wm. F., architect, Scott bldg., Erie, Pa.
Frankau, Adolph, & Co., smoking pipes, 175 Front, New York.
Franke, C. D. Co., mill & facty. supplies, & whol. hdwe., Charleston, S. C.
Franke, F., & Co., machsts., Louisville, Ky.
Franke, George, Sons Co., Christmas novelties mfrs., 112 S. Eutaw, Baltimore, Md.
Franke, H., lumber mfrs., Ft. Wayne, Ind.
Franke, H. E., elec. & gas light fixtures, 421 B'way, Milwaukee, Wis.
Franke, H., Steel Range Co., Harvard & E. 103rd, Cleveland, O.
Frankel, A. B., architects, Vogel Bldg., St. Louis, Mo.
Frankel, Albert B., architect, East St. Louis, Ill.
Frankel Bros. & Co., scrap rubber, Rochester, N. Y.
Frankel Connector Co., 177 Hudson, New York.
Frankel Display Fixture Co., 177 Hudson, New York.
Frankel, Max Co., bottlers' machy., 290 Pearl, New York.
Frankenmuth Woolen Mill Co., knitted gloves, Frankenmuth, Mich.
Frankford Brick Wks., Torsdle av, Philadelphia, Pa.
Frankford Coal & Lime Co., 4430 Penn, Philadelphia, Pa.
Frankford Fdry. & Mach. Wks., power presses, Widener Bldg., Philadelphia, Pa.
Frankford Gas Fixture Co., 4273 Frankford, Phila., Pa.
Frankford Mach. Co., Inc., 4099 Frankford av, Phila., Pa.

Frankford Waste Co., waste cotton & wool, Van Dyke & orchard, Philadelphia, Pa.
Frankfort Broom Co., Frankfort, Ky.
Frankfort Construction Co., Frankfort, Ind.
Frankfort & Kirschner, architects, 820 Westchester av, New York.
Frankfurth, Wm., Hdwe. Co., 119 W. Water, Milwaukee, Wis.
Frankham, Wm., Brass & Bronze Works, Canton, Ohio.
Franklin, A. J., masons' & bldrs.' matls., Statesboro, Ga.
Franklin, B. A., Stone, Laporte, Ind.
Franklin, H. H., Mfg. Co., autos, 302 S. Geddes, Syracuse, N. Y.
Franklin Board & Paper Co., Franklin, O.
Franklin Brass & Bronze Co., Franklin, Pa.
Franklin Brass Co., fndrs., Battle Creek, Mich.
Franklin Brass Foundry, 100 Young, Long Island City, N. Y.
Franklin Brass Fdry. Co., Reading, Pa.
Franklin Brick & Tile Co., 8 E. Long, Columbus, Ohio.
Franklin Bros., contractors, Akron, O.
Franklin Buggy Co., Barnesville, Ga.
Franklin Builders' Supply & Coal Co., 400 W. Broad, Columbus, Ohio.
Franklin Button Wks., 1023 Vine, Philadelphia, Pa.
Franklin, Chas., contractor, Iowa City, Ia.
Franklin Coffin Wks., 1326 Syramore, Cincinnati, Ohio.
Franklin Coil Hoop Co., Franklin, Ind.
Franklin & Co., architects, Crozer Bldg., Philadelphia, Pa.
Franklin Coal & Coke Co., Royalton, Ill.
Franklin Contracting Co., 52 Vanderbilt av, New York, & 1504 W. Sara, Baltimore, Md.
Franklin Core Rod & Gagger Co., Franklin, Pa.
Franklin Cotton Mill Co., cordage, twine & belting mfrs., etc., Plum & Charles, Cincinnati, Ohio.
Franklin Cotton Oil & Fertilizer Co., Franklin, Va.
Franklin County Mining Co., coal mine, Benton, Ill.
Franklin Crayon Co., Rochester, N. Y.
Franklin Die Casting Corp., 101H Magnolia, Syracuse, N. Y.
Franklin Die & Tool Co., The, tools, dies, gauges & fixtures, Columbus, Ohio.
Franklin Engng. & Const. Co., 403H Flanders Bldg., Phila., Pa.
Franklin Fndry Co., Franklin, Pa.
Franklin Fountain Pen Co., 51 N. 10th, Philadelphia, Pa.
Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
Franklin, Geo., contractor, Sandwich, Ill.
Franklin Guano Co., fertz. mfrs., Liberty, S. C.
Franklin, H. H. Mfg. Co., autos, Gifford & Magnolia, Syracuse, N. Y.
Franklin Hdwe. Co., mill & facty. supplies, Franklin, Ky.
Franklin Hdwe. Co., mill & facty. supplies, 37 Howard, New York.
Franklin Incandescent Lamp Works of Westinghouse Lamp Co., Hartford, Conn.
Franklin Iron Works, machsts. & fndrs, La Crosse, Wis., & Mt. Vernon, Wash.
Franklin Knitting Mills, sweaters, 511 E. 72d, New York.
Franklin, L. Murray, Jr., architect, 50 E. 41st, New York.
Franklin Lbr. Co., Columbus, Ohio.
Franklin Lumber Co., Franklin, Pa.
Franklin Machine Co., Harris-Corless engines, textile & power transmitting machy., ball winders, etc., 1 Park, Providence, R. I. *See adv. index at end of book.*
Franklin Mach. Co., 126 Folsom, San Francisco, Cal.
Franklin Mach. & Steam Boiler Wks., 21 Franklin, Brooklyn, N. Y.
Franklin Machine & Tool Co., valve grinders, 61 Franklin, Springfield, Mass.
Franklin Mfg. Co., asbestos matls., cements, packing mfrs., etc., Franklin, Pa.
Franklin Mfg. Co., wire straightening & cutting machinery mfrs., New Haven, Conn.
Franklin Mills, cotton sheetings, Greenville, S. C.
Franklin Mills Co., flour, Batavia, N. Y.
Franklin Mills Corp., towels, Unionville, Mass.
Franklin Needle Co., Franklin, N. H.
Franklin Oil & Gas Co., Bedford, Ohio.
Franklin Oil Works, Franklin, Pa.
Franklin Paper Co., Holyoke, Mass.
Franklin Park Foundry Co., malleable & gray iron castings, Herrs Island, Pittsburgh, Pa.
Franklin Pipe & Fndry. Co., 2438 S. Paulina, Chicago, Ill.
Franklin Plbg. & Tinning Co., cornices & skylights, Atlanta, Ga.
Franklin Portable Crane & Hoist Co., Franklin, Pa.
Franklin Process Co., dyeing machy., 291 Promenade, Providence, R. I.
Franklin Quality Refining Co., oils, Franklin, Pa.
Franklin Ry. Supply Co., railway spec. mfrs., 30 Church, New York.
Franklin, Robert L., architect, 64 E. Van Buren, Chicago, Ill.
Franklin Rubber Co., clothing, 134 Federal, Boston, Mass.
Franklin Silica Sand Co., Franklin, Pa.
Franklin Silver Plate Co., Greenfield, Mass.
Franklin Specialty Mfg. Co., see Localized Lighting Corp. (successors).
Franklin Steel Wks., concrete reinfg. materials, Franklin, Pa.
Franklin Steel Wks., toe-calks, Joliet, Ill.
Franklin Stone Co., Nicholson, Pa.
Franklin Sugar Refining Co., 125 S. Orianna, Philadelphia, Pa.
Franklin Tool Wks., logging, 1049 Railroad av S., Seattle, Wash.
Franklin Valveless Engine Co., working barrels, etc., Franklin, Pa.
Franklin, Ward, architect, 901 Gerke bldg, Cincinnati, Ohio.
Franklinville Canning Co., lock corner boxes, Franklinville, N. Y.
Franklinville Mfg. Co., bags & bagging, Franklinville, N. C.
Frankman Bros. Bridge & Construction Co., Metropolitan Life Bldg., Minneapolis, Minn.
Franks Canning Co., Franks, Mo.
Franks, F. C., contractor, Phelan Bldg., San Francisco, Cal.
Franks, J. W., & Sons, advtg. & nov., Peoria, Ill.
Franke Mfg. Co., elec. fixtures, Rock Island, Ill.
Frankton Canning Co., Frankton, Ind.
Fransen, Nels P., & Co., bldg. contrs., Endicott Bldg., St. Paul, Minn.
Franssens, J. M., harness, saddles, etc., Green Bay, Wis.
Frantz, Chas., contractor, 365 Kosciusko, Brooklyn, N. Y.
Frantz International Refrigeration Co., 212-214 Penn, Reading, Pa.
Frantz, J. J., contractor, New York Blk., Seattle, Wash.
Frantz Mfg. Co., hdwe., door hangers, hinges, hooks, etc., Sterling, Ill.
Frantz, Wm. H., & Son, contractors, Geneva, N. Y.
Franz Bros.Packing Co., meat packers, Springfield, Ill.
Franz Hardware Co., Webb City, Mo.
Franz, Val., contractor, 180 Jessie, San Francisco, Cal.
Franzen, Wm., & Son, glass bottles, Chase & George, Milwaukee, Wis.
Franzheim, E. B., architect, Schmulbach Bldg., Wheeling, W. Va.
Franzheim, H. Kenneth, architect, 127 N. Dearborn, Chicago, Ill.
Franzke, Arthur, cornices & skylights, Bellingham, Wash.
Franzmeier, Louis, clover bunchers, grain lifter guards, Timothy, Wis.
Fraprie-Douglas Co., tex. machy., supplies (paper cop tubes), Fall River, Mass.
Frary Mfg. Co., mfrs. burned goods, & variety burning lathes, Charlemont, Mass.
Frary Spool Co., Berlin, N. Y.
Fraser, A. L., cornices, Salem, Oregon.
Fraser & Berau, contractors, 1761 Fulton, Brooklyn, N. Y.
Fraser-Brace & Co., contractors, 1328 Broadway, New York.
Fraser Brick Co., masons matls., tile, etc., Dallas, Tex.
Fraser Co., engines & Milling machs., 667 E. Water, Milwaukee, Wis.
Fraser, E. L., machsts, tools, etc., 141 N. 3rd, Phila., Pa.
Fraser Granite Co., Mansfield, Ohio.
Fraser, H. A. & D. M., contractors, Ardmore, Pa.
Fraser, J. C., & Sons Co., contractors, 5 Providence, Boston, Mass.
Fraser Lubricator Co., 2412 S. 7th, St. Louis, Mo.
Fraser Lbr. Co., Fraser, Idaho.
Fraser Mfg. Co., machsts, 573 Henderson, Jersey City, N. J.
Fraser, Robt. M., granite, Montpelier, Vt.
Fraser & Ross, contractors, 64 Dexter, Providence, R. I.
Frasier & Frasier, contractors, 180 Jessie, San Francisco, Cal.
Frasse, Peter A., & Co., Inc., machinists' tools & supplies, 417 Canal, New York.
Frautz, Wm. H., & Son, bldg. contrs., Geneva, N. Y.
Fray, John S., Co., brace bits, tool sets, etc., Bridgeport, Conn.
Frazee, H. E., flour, Pelican Rapids, Minn.
Frazee, Jas., Milling Co., flour, Baldwinsville, N. Y.
Frazer Bros. Co., machsts., Adams, N. Y.
Frazer & Co., dynamos & motors, 50 Church, New York.
Frazer, G. M., mach. & fdr., Eugene, Ore.
Frazer & Jones Co., saddlery hardware & malleable iron castings, Syracuse, N. Y.
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.
Frazeur Lime Wks., Bridgeton, N. J.
Frazier, C. E., architect, Chandler Bldg., Atlanta, Ga.
Frazier Bros., contrs., Chester, Pa.
Frazier-Evans Constr. Co., Weightman Bldg., Philadelphia, Pa.
Frazier, J. H., marine r'ways & dry docks, Marblehead, Mass.
Frazier Packing Co., canned goods, Elwood, Ind.
Frazier, R. H., & Son, contractors, 224 W. Mulbery, Baltimore, Md.
Frazier, W. S., & Co., auto. wood bodies, Aurora, Ill.
Freas, Francis L., barometers, hydrometers, thermometers, etc., Conshohocken, Pa.
Fredella, Jos., contractor, Glens Falls, N. Y.
Fredenberg, M. D., machinist & founder, Alexandria, Minn.
Fredenburg & Lounsbury, masons' & bldrs.' matls., 381 4th av, New York.
Frederick, Adam, lumber, Woodbury, Pa.
Frederick Brick Co., Kingston, N. Y.
Frederick Brick Wks., Frederick, Md.
Frederick Bros., brick, Allentown, Pa.
Frederick Bros., contractors, 1910 Beaver av, Pittsburgh, Pa.
Frederick, Chas., contractor, Chambersburg, Pa.
Frederick City Packing Co., Frederick, Md.
Frederick Disinfectant Co., floor dressings & insecticides, Atlanta, Ga.
Frederick-Elder Co., elec. light fix. mfrs., Bridgeville, Pa.
Frederick Iron & Metal Co., scrap rubber, 235 Harrison, Baltimore, Md.
Frederick Iron & Steel Co., Frederick, Md.
Frederick Machine Works, milling mach., vises, 460 Foster av, Norwalk, Ohio.
Frederick Piano Co., 125 Cypress av, New York.
Frederick, S. Y., & Son, masons' & bldrs.' matls., Hazleton, Pa.
Frederick, W. C., architect, Pensacola, Fla.
Frederick, W. F., Piano Co., 635 Smithfield, Pittsburgh, Pa.
Fredericks, Chas. C., masons' & bldrs.' matls., Wayne av, e Reading Ry., Gtn., Philadelphia, Pa.
Fredericks, Wm. H., sashes, doors & blinds, Camden, N. J.
Frederickson, A. D. & J. V., bldg. contrs., Madison, Wis.
Frederickson, C. G., bldg. contr., Duluth, Minn.
Frederickson, Christian, arcnitect, Lehi, Utah.
Fredericktown Lumber Co., Fredericktown, Mo.
Fredonia Brick Co., Fredonia, Kans.
Fredonia Canning Co., Fredonia, Wis.
Fredonia Portland Cement Co., Fredonia, Kans.
Fredonia Preserving Co., Fredonia, N. Y.
Fredonia Window Glass Co., Fredonia, Kans.
Free & Mutchler, sash, door & blind, Paw Paw, Mich.
Free Sewing Machine Co., Rockford, Ill.
Freeburg, A. S., stone prod., Hartford, Conn.
Freed Heater Co., Bourse, Philadelphia, Pa.
Freedlander, Jos. H., architect, 244 5th av, New York.
Freeman, F. W., Co., sheet metal, stamping dies, etc., mfrs., 160 Portland, Boston, Mass.
Freedman, Louis, contractor, Trenton, N. J.
Freedman, Small & Co., plumbers' supplies—jobbers, 623 S. 6th, Philadelphia, Pa.
Freedner & Co., contractors, Wallace, Idaho.
Freedom Casket Co., Freedom, Pa.
Freedom Lbr. Co., Freedom, Me.
Freedom Oil Wks. Co., petrolatum, Freedom, Pa.
Freehof, Mortimer E., architect, 405 Lexington av, New York.
Freela, D., Sons Co., tanks, steel, Sturgis, Mich.
Freeland, B. F., Sons Co., agricultural implements, oil pumps, machsts. & fndrs. Sturgis, Mich.
Freeland Furn. Co., 970H Macadam, Portland, Ore.
Freeland Mfg. Co., woolen blankets & flannels, Freeland av & Walnut la. Philadelphia, Pa.
Freeland Plumbing & Plumbing Supplies Co., steam fitters' supplies, Freeland, Pa.
Freeland Robert & Co., engnrs., Independent Life Bldg., Nashville, Tenn.
Freeland Steel Tank Co., farm boilers, feed cookers, Portage, Wis.

Freeman, A. W., hdwe. mfr., 229 Mulberry, Newark, N. J.
Freeman, Alfred, architect, 29 W. 34th, New York.
Freeman, Anthony, hdwe. mfr., 54 W. Lake, Chicago, Ill.
Freeman & Brooks, contractors, Champaign, Ill.
Freeman, Chas. A., Mfg. Co., window screens, weather strips, 294 Washington, Boston, Mass.
Freeman Coal Mining Co., Herrin, Ill.
Freeman, E. B., lumber mfrs., Norfolk, Va.
Freeman, E. G., & Co., cornices, Binghamton, N. Y.
Freeman, E. H., Elec. Co., machinists, Trenton, N. J.
Freeman Fire Brick Co., New Cumberland, W. Va.
Freeman Fdy. & Mach. Wks., Seymore, Mo.
Freeman, Frank, architect, 132 Nassau, New York.
Freeman, G. C., architect, 1111 N. 11th, Reading, Pa.
Freeman, George A., architect, 292 Main, Stamford, Conn.
Freeman, H. C., & Co., belt conveyors, 141 Milk, Boston, Mass.
Freeman, J. Eugene, architect, Kohl Bldg., San Francisco, Cal.
Freeman, L. D., machst. & fndr., Seymour, Mo.
Freeman, Leon, woven labels, 404 S. Wells, Chicago, Ill.
Freeman, Louis G., Co., machsts., 909 Sycamore, Cincinnati, O.
Freeman Mach. Co., Lawrence, Mass.
Freeman, Manning & Son, masons' & bldrs.' matls., Metuchen, N. J.
Freeman Mfg. Co., agr. imp. mfrs., Racine, Wis.
Freeman Mfg. Co., surgical hosiery, 2427 Cass Av, Detroit, Mich.
Freeman Pattern Supply & Mfg. Co., Toledo, Ohio.
Freeman Perfume Co., almond meal, Cincinnati, Ohio.
Freeman, Philip, & Bros., elec. & gas light fixtures, 92 Bowery, New York.
Freeman-Smith Lumber Co., Millville, Ark.
Freeman & Wasgatt, granite, Barre, Vt.
Freeport Brass Fdry., Freeport, Ill.
Freeport Clay Products & Mineral Co., brick, Freeport, Pa.
Freeport Fndry Co., Freeport, Ohio.
Freeport Gas Mach Co., Freeport, Ill.
Freeport Sulphur Co., crude sulphur miners, 61 B'way, New York.
Freese Bros., brick, Janesville, Wis.
Freese, E. M. & Co., machsts. & fndrs., Galion, Ohio.
Freese, F. E., sash, door & blind mfr., 3925 Armitage av, Chicago, Ill.
Freese, J. D., & Sons Co., furniture, 250H Homer, Chicago, Ill.
Frei Emil Art Glass Co., 3934 S. Grand av, St. Louis, Mo.
Frei Pickle Works, canned, Portland, Ore.
Freiberg Lbr. Co., lbr., Dalton & Findlay, Cincinnati, Ohio.
Freidus, B. & Co., machine tools, 453 Atlantic av, Boston, Mass.
Freidus, M., machy. dlrs., 210 Centre, New York.
Freijs, Chas. T., architect, Fletcher Sav. & Tr. Bldg., Indianapolis, Ind.
Frein Masonry & Contrg. Co., 3802 Forest Park blvd, St. Louis, Mo.
Freitag, Weinhardt & Co., mill & facty. & steam fitters' supplies, Terre Haute, Ind.
Freling & Steinle, trunks, Omaha, Neb.
Frelinger, J. G., Iron Wks., 115 W. 2d, Cincinnati, Ohio.
Fremont Canning Co., Fremont, Mich.
Fremont Fdry. & Mach. Co., Fremont, Neb.
Fremont Kraut Co., canned goods, Fremont, Ohio.
Fremont Mfg. Co., incubators, refrigerators, etc., Fremont, Neb.
Fremont Mfg. Co., pipe cutters & threaders, Fremont, Mich.
Fremont Milling Co., flour, Fremont, Neb.
Fremont Oil Co., Fremont, N. C.
Fremont Steam Boiler Wks., Fremont, Ohio.
Fremont Stove Co., Fremont, Ohio.
Fremont Tile & Brick Co., Fremont, Ohio.
French, Arthur, common brick, Polo, Ill.
French Battery & Carbon Co., elec. lamp flashlights, Madison, Wis.
French, Burt L., architect, Marion, Ind.
French Button Wks., 108 N. Franklin, Philadelphia, Pa.
French, C. B., architect, 19 W 44th, New York.
French Cabinet Co., tele. cabinet wk., Metropolitan av nr. Flushing av, Brooklyn, N. Y.
French, Chas. G., landscape architect, 50 Church, New York.
French China Co., Sebring, Ohio.
French Creek Fndry. Co., elec. steel castings, Franklin, Pa.
French Creek Granite Co., St. Peters, Pa.
French, E. W., Co., advtg. spec., 1 Beekman, New York.
French, Edw. V., architect, 143 North av, Plainfield, N. J.
French, F. W., Oxygen Co., Oakland, Cal.
French Fndry Co., Piqua, Ohio.
French, Fred F., Co., architects, 299 Madison av, New York.
French, G. Herbert, architect, 1108 E. Main, Richmond, Va.
French, G. N., & Son, carriages, Bellows Falls, Vt.
French, H. P., Co., Inc., wholesale hardware, 320 B'way, New York.
French, H. Q. & Son, granite, 15 E. 40th, New York.
French & Hecht, machsts. & fndrs., Davenport, Ia.
French, James F., Brookston, Ind.
French, Jesse Piano & Organ Co., St. Louis, Mo.
French, Jesse, & Sons Piano Co., New Castle, Ind.
French, Leigh, Jr., architect, 599 5th av, New York.
French Lubrg. Oil Co., 400 Pearl, New York.
French Mfg. Co., fndrs., Waterbury, Conn.
French, O. P., & Sons Co., cornices, Woonsocket, R. I.
French Oil Mill Machinery Co., Piqua, Ohio.
French Paper Co., Niles, Mich.
French & Pleuthner, architects, 599 5th av, New York
French, R. T., flour mills, Middleville, Mich.
French, Richard, Iron Wks., Worcester, Mass.
French, Samuel H., & Co., paints, masons' & bldrs.' matls. & cement, York av, 4th & Callowhill, Philadelphia, Pa.
French, W. C., machsts. & brass compositing fndrs., Alpena, Mich.
French, W. F., mill & facty. supplies, Milford, N. H.
French, Walter S., contractor, Moorestown, N. J.
French, William S., flour mills, Woodstock, Va.
Frenchmen's Bay Packing Co., South Gouldsboro, Me.
Freney & Jackson, architects, 51 Leavenworth, Waterbury, Conn.
Frenier, Maxime O., mechanical engineer, 58 Union, Springfield, Mass.
Frenier & Son, machsts., Rutland, Vt.
Frerk, Henry, Sons, masons' & bldrs.' matls., 3135 Belmont av, Chicago, Ill.
Frescoat Co., cold water paints, Grand Rapids, Mich.
Freshley, N. S., machsts. & brass fndrs., Lebanon, Pa.
Freshour, Hy. C., paper clips, float valves, etc., Bridgeport, Conn.
Fresno Agricultural Wks., Fresno, Cal.
Fresno Brick & Tile Co., Fresno, Cal.
Fresno Flume & Lumber Co., Clovis, Cal.
Fresno Lumber Co., Fresno, Cal.
Fresno Soap Co., Fresno, Cal.
Fretwell, John, architect, Adrian, Mich.
Fretwell & Winburn, architects, Idaho Falls, Idaho.
Fretz, A. L., & Son, contractors, Chancellor Bldg., Phila., Pa.
Fretz, Gross & Co., steel umbrella parts, 22d & Sedgley av, Philadelphia, Pa.
Fretz, S. S., Jr., pipe nipples, 23d & Sedgley av, Phila., Pa.
Freund Constr. Co., Bulletin Bldg., Philadelphia, Pa.
Freund, Ernst, meat packer, 1215 W. Liberty, Cincinnati, Ohio.
Freund, Frank, contractor, Galveston, Tex.
Freund, H. H., malt mills, 7 W. 45th, New York.
Freund, John, architect, 1307 St. Paul, Baltimore, Md.
Freund Packing & Mfg. Co., meat, St. Joseph, Mo.
Frevert Machinery Co. See Peter A. Frasse & Co., Inc. (successor).
Frey, F. E., contr., Sacramento, Cal.
Frey, Joseph, masons' & bldrs.' matls., Norwalk, Ohio.
Frey, Louis, & Co., blue prints & papers., 50 John, New York.
Frey Planing Mill Co., sash, door & blind mfrs., Louisville, Ky.
Frey & Thomas, wholesale hdwe., York, Pa.
Freyberg, C. B., Lbr. Co., Sheboygan, Wis.
Freyberg, Richard H., cornices, 2308 2d av, New York.
Freyder, F. X., architect & contr., Iowa City, Ia.
Freyermuth & Maurer, archts., Warner Bldg., South Bend, Ind.
Freyhof, John D., masons' & bldrs.' matls., Glendale, Ohio.
Freyman's Tool Co., mill & facty. supplies, 309 Prospect, Cleveland, Ohio.
Freyn & Co., gen'l. contrs., Peoples Gas Bldg., Chicago, Ill.
Frick & Borwick Granite Co., St. Cloud, Minn.
Frick Co., machinery & agricul. implts., mfrs., Waynesboro, Pa.
Frick Grate Bar Co., steel stacks, 421 Chestnut, Phila., Pa.
Frick, H. C., Coke Co., Carnegie Bldg., Pittsburgh, Pa.
Frick, Howard A., architect, Hermiston, Ore.
Frick, Julius C., cornices, 3040 Baltimore av, Indianapolis, Ind.
Frick & Lindsay Co., mill & facty. supplies, Sandusky & Robinson, Pittsburgh, Pa. *See adv index at end of book*
Frick-Reid Supply Co., oil well supplies, Sandusky & Robinson, N. S., Pittsburgh, Pa.
Fricke, Adolf. See Ritzenthaler, John (successor).
Fricke, J. E., Co., cords, rope, twine, etc., 247 Market, Phila., Pa.
Fricker, Fred., elec. signs, 428 11th av, New York.
Fricker, John, Co., cornices, 10 Ely, Rochester, N. Y.
Frictionless Metal Co., fndrs. & mchsts., Chattanooga, Tenn.
Friday Bros. Canning Co., Coloma, Mich.
Friday Harbor Packing Co., Friday Harbor, Wash.
Friday Mach. & Supp. Co., elec. light plants, Sigourney, Iowa.
Fridley, Seymour, lumber mfrs., Phelps, N. Y.
Fridlund, A. J., contractor, Moorhead, Minn.
Fridman Lumber Co., furniture for public bldgs., New Richmond, Ohio.
Frieberg Lbr. Co., Harahan, La.
Friebus, G. S., masons' & bldrs.' matls., Norfolk, Va.
Fried, Chas., artificial eyes, 110 E. 23rd, New York.
Fried, Jos., contractor, 530 E. 71st, New York.
Fried-Ostermann-Meyer Co., auto. gloves, 623 Reed, Milwaukee, Wis.
Fried & Reineman, meat packers, Spring Garden av, Pittsburgh, Pa.
Friedberger-Aaron Mfg. Co., tapes, braids & cords, 18th & Courtland, Philadelphia, Pa.
Friedberg, R. J., architect, Guth Otis Bldg, Akron, Ohio.
Friedberg, R. J., architect, Farmers' Bank bldg., Pittsburgh, Pa.
Friedburg & Son, cornices, 278 Division av, Brooklyn, N. Y.
Friedel, J. F., Paper Box Co., Syracuse, N. Y.
Friedel, W. R., Co., lbr., Memphis, Tenn.
Friederich, A., & Sons, contractors, Rochester, N. Y.
Friedhoff & Mahaffey, cornices, Johnstown, Pa.
Friedl, Herman, architect, 154 W. Randolph, Chicago, Ill.
Friendland, B. Co., show case, store fixtures, etc., 281 Butler, Brooklyn, N. Y.
Friedland, Louis H., architect, 177 Penn, Brooklyn, N. Y.
Friedlander Box Co., 1300 W. Lake, Chicago, Ill.
Friedlander-Brady Knitting Mills, 501 S. Green, Chicago, Ill.
Friedlander, Jos. B., Co., plate & window glass, 233 Washington, Brooklyn, N. Y.
Friedlander, Julius, & Co., carriages, Columbus, Ga.
Friedlander, Paul N., brushes, 337 Broadway, New York.
Friedlaender, Oscar O., elec. portables, 40 Murray, New York.
Friedley-Voshardt Co., sheet metal moldings, ornaments, etc., 733 S. Halsted, Chicago, Ill.
Friedline, Wm., rye flour, Sipesville, Pa.
Friedlund Bros., architects, Moorehead, Minn.
Friedman, A. J. Co., whol. plbrs. & steam fitters supplies, Passaic, N. J.
Friedman Blau Farber Co., gloves & mittens, sweaters, caps, gans, Perkins & E. 37th, Cleveland, Ohio.
Friedman Bros., plate glass, 461 Valcenia, San Francisco, Cal.
Friedman Bros., whol. plbrs. & steam fitters supplies, Passaic, N. J.
Friedman, Chas., scrap iron, rubber, 5 Beacon, Newark, N. J.
Friedman, F. J., & Son, contractor, 53 Fox, Buffalo, N. Y.
Friedman, Jos., elec. portables, casseroles, etc., 114 5th av, New York.
Friedman, M. A., iron, 226 Hillside, Newark, N. J.
Friedman, R. N., architect, 521 E. 60th, Chicago, Ill.
Friedman, S. M., Co., cornices, 95 Cedar, Brooklyn, N. Y.
Friedrich, Aloysius, contractor, 3427 East, Pittsburgh, Pa.
Friedrich, E. H., Co., cornices & skylights, Holyoke, Mass.
Friedrich, H., furniture, 2147-2169H Folsom, San Francisco, Cal.
Friedrichs, Carl, machsts., Hoboken, N. J.
Friend Bros., cornices & skylights, Sioux City, Ia.
Friend, Chas., & Son, harness, saddles, etc., 343 Jackson, St. Paul, Minn.
Friend & Co., masons' & bldrs.' matls., Petersburg, Va.
Friend, Henry P., contractor, Norristown, Pa.
Friend, Jno. H., architect, 148 Alexander av, New York.
Friend, John M., mason & bldrs. matl., Newport, R. I.
Friend Mfg. Co., machsts., Gasport, N. Y.
Friend & Terry Lumber Co., Sacramento, Cal.
Friendsville Roller Mills, flour, Friendsville, Tenn.
Fries, A. G., Plating Co., 200 Terrace, Buffalo, N. Y.
Fries, A., & Sons, brick, Connersville, Ind.

Fries, Anthony J., stencils, soap & box printing dies, 717 Sycamore, Cincinnati, Ohio.
Fries, Beall & Sharp Co., tin plate, 734 10th, N. W., Washington, D. C.
Fries & Bros., ethyl chloride, 92 Reade, New York.
Fries & Co., mchsts. & fndrs., 91 Main, Buffalo, N. Y.
Fries, Geo., Sons, wash boilers, egg beaters, etc., 222 S. Front, Philadelphia, Pa.
Fries, W. E., brick, Milton, Pa.
Friese, G. M., masons' & bldrs.' matls., Rahway, N. J.
Friesleben & Armstrong, Inc., labels, 124 White, New York.
Frietchen, Edward, & Bro., soap, Mansfield, Ohio.
Frigidaire Corp., iceless refrigerators, 2435 Scotten av, Detroit, Mich.
Frindt, O. K. A., paper file & chisel handles, 3932 N. Kedzie av, Chicago, Ill.
Fringer, C. F., canned goods, Lithia, Va.
Frings, Martin, parquet floors, 3639 N. 11th, Philadelphia, Pa.
Frink, I. P., Inc., reflector mfrs., 10th av & 24th, New York.
Frink Pyrometer Co., Lancaster, O.
Frisbee Hardware Co., Connellsville, Pa.
Frisbie Engine & Mach., Co., 33 E. Water, Cincinnati, Ohio.
Frisbie, L. T., Co., fertilizer mfrs., New Haven, Conn.
Frisbie Motor Co., machsts. & fndrs., Middletown, Conn.
Frisch Bros., patterns & models, Wilmington, Del.
Del.
Frischkorn, Hunter B., mill & facty. supplies, 801 E. Cary, Richmond, Va.
Fristedt, H. F. Co., contrs., 327 S. La Salle, Chicago, Ill.
Fritch, Alfred R., architect, Trust Bldg., El Paso, Tex.
Fritch, D. D. & N. D., flour mills, Macungie, Pa.
Fritchey, J. U., & Son, contractors, Lancaster, Pa.
Fritchle Elec. Co., storage battery trucks, Denver, Colo.
Frith's Union Slaughter House, meat packers, Dubuque, Iowa.
Fritschy, A. J., Corp., arch'l iron, 604 Greenwich, New York.
Fritts, D. H., & Co., carved mouldings, 414 N. Wood, Chicago, Ill.
Fritz, Andrew R., architect, 220 W. 121st, New York.
Fritz Bros., dog collars, Meriden, Conn.
Fritz, C. B. & A. K., bldg. contrs., Madison, Wis.
Fritz, Geo., stone producer, 1213 East, N. S., Pittsburgh, Pa.
Fritz, Geo. E., patterns & models, 4 Howard, New York.
Fritz, Geo. J., Fndry. & Mach. Co., 2018 S. 3d, St. Louis, Mo.
Fritz, Herman, architect, 237 Main av, Passaic, N. J.
Fritz, John T., architect, Linton, Ind.
Fritz Mfg. Co., blue print cars & draughting tables, Grand Rapids, Mich.
Fritz, N., contractor, 62 Maywood, Boston, Mass.
Fritz-Rumer-Cooke-Grant Co., contractors, Inter Term bldg, Columbus, Ohio.
Fritz, W. G., Co., contractors, Essex Bldg., Newark, N. J.
Fritz, W. H., masons' & bldrs.' matls., Berwyn, Pa.
Fritz, Wm. H., & Co., lumber, Crozer Bldg., Philadelphia, Pa.
Fritzsche Bros., oils, 82 Beekman, New York.
Fritzche & Kleason, glass, 197 E. Genesee, Buffalo, N. Y.
Fritzell, Oscar, brass fdrs., 51 Chestnut, New Haven, Conn.
Fritzinger, Wm. A., masons' & bldrs.' matls., Slatington, Pa.
Frix, J. J., flour mills, Walnut Grove, Ala.
Friz, Clyde N., architect, Lexington bldg., Baltimore, Md.
Frizell Ladder Co., 135 Granite av, Boston, Mass.
Frizlen Cut Glass Co., Mt. Holly, N. J.
Frobes & Smith, contractors, Wellsville, Ohio.
Frodin, Rube S., architect, 30 N. Michigan av, Chicago, Ill.
Froehlich, Chas. M., heating contrs., Harrisburg, Pa.
Froelich Bros., plumbers' supplies—jobbers, 142 N. 7th, Philadelphia, Pa.
Froerning Bros. Quarry Co., Milwaukee, Wis.
Frog-Switch & Mfg. Co., railroad supplies mfrs., Carlisle, Pa.
Frohe, Leo. P., glass stainers, 220 B'way, Buffalo, N. Y.
Frohlich Glass Co., sash, doors & blinds, Larned & Shelby, Detroit, Mich.
Frohman & Martin, architects, Pasadena, Cal.
Frohman & Robb, architects, 29 Pemberton sq, Boston, Mass.
Fromberg & Drennan, contrs., Q. & C. Bldg., New Orleans, La.
Froment & Co., iron & steel, 150 Bank, New York.
Fromm, G. A., radiation calculators, 85 Hawthorn, Brooklyn, N. Y.
Fromm, S., sweaters, cardigans, etc., 93 Underhill av, Brooklyn, N. Y.
Frommann, Emil H., architect, 64 W. Randolph, Chicago, Ill.
Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.
Front Supply Co., whol. elec. supplies, Wheeling, W. Va.
Frontenac Motor Co., Plainfield, N. J.
Frontier Brass Fdry., Niagara Falls, N. Y.
Frontier Brick Wks., Niagara Falls, N. Y.
Frontier Chuck & Tool Company, Inc., 30 Letchworth, Buffalo, N. Y.
Frontier Contr. Co., Morgan Bldg., Buffalo, N. Y.
Frontier Cut Glass Co., Buffalo, N. Y.
Frontier Engine Wks., mchsts., 9 Perry, Buffalo, N. Y.
Frontier Iron Wks., 36 Letchworth, Buffalo, N. Y.
Frontier Mfg. Co., lubricating oils, Dept. H, North Tonawanda, N. Y.
Frontier Meter Wks., Buffalo, N. Y.
Frontier Plumbing & Heating Co., 353 Ellicott, Buffalo, N. Y.
Frontier Stone Co., 1003 Fillmore av, Buffalo, N. Y.
Frontier Water & Steam Sup. Co., Buffalo, N. Y.
Frosch, Berthold, landscape architect, 1200 Chislet, Pitts'bg, Pa.
Frost & Adams Co., architects', engineers' & artists' supplies, 25-29 Arch, Boston, Mass.
Frost, C. L., & Son, forming machs., Grand Rapids, Mich.
Frost, C. S. & C. H., machsts. & brass fndrs., Watkins, N. Y.
Frost & Chamberlain, architects, 390 Main, Worcester, Mass.
Frost, Chas. S., architect, 105 S. La Salle, Chicago, Ill.
Frost, Chas. S., architect, Capital Bk. Bldg., St. Paul, Minn.
Frost & Cundill, Inc., importers, Asiatic products, camphor, 60 Wall, New York.
Frost Engng. Co., farm elec. lighting plants, Evansville, Wis.
Frost Frederick, architect, 144 E. 54th, New York.
Frost Gear & Forge Co., automobile forgings & gears, Jackson, Mich.
Frost, Geo. T., & Sons, mill & facty. supplies, Paterson, N. J.
Frost, Hy. A., architect, Brattle Bldg., Cambridge, Mass.
Frost Insecticide Co., Arlington, Mass.
Frost-Johnson Lumber Co., Boatsmen Bank Bldg., St. Louis, Mo.
Frost-Johnson Lbr. Co., Nacogdoches, Tex.
Frost, Jos., contractor, Gary, Ind.
Frost Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Frost Mfg. Co., plumbers' brass goods, Kenosha, Wis.
Frost, N. E., Co., heat generators, 175 W. Jackson blvd, Chicago, Ill.
Frost Paint & Oil Co., 1209-11 Tyler, N. E., Minneapolis, Minn.
Frost Ry. Supply Co., friction draft springs, weather strips, Penobscot Bldg., Detroit, Mich.
Frost-Sibley Lumber Co., Lamison, Ala.
Frost Superior Fence Co., E. 131st, Cleveland, Ohio.
Frost & Raymond, architects, 1278 Mass. av, Boston, Mass.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Froud, H. P., & Son, Inc., button mfrs., 271 Douglas, Brooklyn, N. Y.
Fruchey Mfg. Co., machsts., 429 Bagg, Detroit, Mich.
Fruchthendler, L., & Co., bathing suit mfrs., 616 E. 5th, N. Y.
Frudden Lumber Co., Ackley, Ia.
Fruehauf Mfg. Co., thermometers, Bedford av, Brooklyn, N. Y.
Fruehauf Trailer Co., auto. truck trailers, 1371 Gratiot av, Detroit, Mich.
Frudelle, M. E., architect, 2nd Natl. Bldg., Akron, Ohio.
Fruen Cereal Co., Western av, S. W. cor. Thomas av, Minneapolis, Minn.
Fruhling, A. G., machinist, Los Angeles, Cal.
Fruin-Bambrick Const. Co., contrs., 800 S. Spring av, St. Louis, Mo.
Fruin-Colnon Contr. Co., Merchant-Laclede bldg, St. Louis, Mo.
Fruin Drop Forge Co., 347 Root, Chicago, Ill.
Fruit Belt Preserving Co., canned goods, East Williamson, N. Y
Fruit Farm Preserving Co., Cedarville, N. J.
Fruit-Ohl Co., mill & facty. supplies, whs. hdwe., Sharon, Pa.
Frush, J. P., & Son, contractors, Warsaw, Ind.
Fry, A. M., contractor, Piqua, Ohio.
Fry Art Co., color mfrs., Great Neck Station, N. Y.
Fry Bros. & Co., soap, 111 E. Canal, Cincinnati, Ohio.
Fry Bros. Mfg. Co., lawn swings, Richmond, Ind.
Fry Constr. Co., Erie, Pa.
Fry, E. Y., lumber, Stockton, Ga.
Fry, Edw. G., machsts., Lebanon, Pa.
Fry, Frank L., architects, 140 S. Dearborn, Chicago, Ill.
Fry, H. C., Glass Co., auto. lamp lenses, Rochester, Pa.
Fry, J. W., cornices, 1021 Pike, Seattle, Wash.
Fry, Jas. W., contractor, Greenfield, Ind.
Fry, John W., flour mills, Melber, Ky.
Fry, L. E., & Co., motor boat, launch & yacht bldrs., Clayton, N. Y.
Frye & Chesterman, architects, Roanoke, Va.
Frye & Co., meat packers, Seattle, Wash.
Frye, J. Marshall, Co., cross arms (wood), Hattiesburg, Miss.
Frye, Phipps Co., wholesale hdwe., 114 Purchase, Boston, Mass.
Fryer, D. E., & Co., masons' & bldrs.' materials, H Paulsen Bldg., Spokane, Wash.
Fryer, R. D., turpentine, Sumatra, Fla.
Frymier & Hanna Co., contractors, 25 W. 45th, New York.
F. & S. Motors Co., 219 Becher, Milwaukee, Wis.
Fuca Shingle Co., Port Angeles, Wash.
Fuchs, Geo. D., contractor, Scranton, Pa.
Fuchs & Lang Mfg. Co., machsts. & fndrs., 119 W. 40th, New York.
Fuchs, Louis, cornices, 76 Vermont, Brooklyn, New York.
Fuchs, Max, Co., sponges, chamois, 244 Pearl, New York.
Fuchs, Wm. L., architect, 193 Ashland av, Buffalo, N. Y.
Fudge, F. E., turpentine, Colquitt, Ga.
Fuehrer, Wm. J., architect, 127 Clifford av, Rochester, N. Y.
Fuel Saver Stove Co., mfrs., Alliance, Ohio.
Fuerst Bros. & Co., chemicals, 2 Stone, New York.
Fuerst-Friedman Co. (The) motors, etc., 1251 W. 3rd, Cleveland, Ohio.
Fuerst Robt., contractor, 2704 Vine, Cincinnati, Ohio.
Fugard, John Reed, archit., 64 E. Van Buren, Chicago, Ill.
Fugere, Geo. H., architect, 67 Main, Chicopee Falls, Mass.
Fuhrer-Ford Milling Co., flour, Mount Vernon, Ind.
Fuhs, Adolph, architect, 302 E. 87th, New York.
Fulcher Brick Co., Nashville, Tenn.
Fuld, Wm., toys, games & nov., 1228 N. Central av, Balto., Md.
Fuldner Constr. Co., Majestic Bldg., Milwaukee, Wis.
Fuldner Ry. & Sons, furniture, 404H E. 14th, New York.
Fulflo Pump Co., lubricating, 128 Opera pl, Cincinnati, Ohio.
Fulghum, S. L., & Co., contractors, Pensacola, Fla.
Fulkerson Bros. Handle Co., Puxico, Mo.
Fulkerson, J. C., masons' & bldrs.' matls., Cedar Rapids, Ia.
Fullam Constr. Co., 103 Park av, New York.
Fullenwider, Arthur E., architect, 6 N. Michigan av, Chicago, Ill.
Fuller, A. W., flour, Fullers, N. C.
Fuller Alex. A., architect, 1435 E. 60th, Chicago, Ill.
Fuller, Andrew D., Co., contractors, 3 Hamilton pl, Boston, Mass.
Fuller, Aug. P., Co., varnish mfrs., Portland, Me.
Fuller Auto. & Wagon Wks., Chattanooga, Tenn.
Fuller Bros., contractors, Frostburg, Md.
Fuller Bros., lumber, Vermontville, Mich.
Fuller Bros., masons' & bldrs.' matls., Charleston, Ill.
Fuller Bros. Co., wrenches, pipe, 139 Greenwich, New York.
Fuller Buggy Co., wagons, Jackson, Mich.
Fuller Canneries Co., Rockefeller Bldg., Cleveland, Ohio.
Fuller Co., dynamo mfrs., 1565 Russell, Detroit, Mich.
Fuller & Co., masons' & bldrs.' matls., Albany, N. Y.
Fuller & Cooper, machsts., Williamson, N. Y.
Fuller & Delano Co., architects, 44 Front, Worcester, Mass.
Fuller, E. C., Co., machsts., 28 Reade, New York.
Fuller, E. H., canned goods, Stanton, Ky.
Fuller, Elam H., contractor, 416 W. B'way, New York.
Fuller (The) Engineering Co., Allentown Natl. Bank Bldg., Allentown, Pa.
Fuller, Foley & Co., granite, W. Quincy, Quincy, Mass.
Fuller, Frank W., mason bldr., Torrington, Conn.
Fuller, Frederic, bell fndr., 277 Brook, Providence, R. I.
Fuller & Fuller Co., turmeric, 540 W. Randolph, Chicago, Ill.
Fuller, G. W., Co., auto. baskets & trunks, Hartford, Conn.
Fuller, Geo. A., Co., contractors, Penobscot Bldg., Detroit, Mich.
Fuller, Geo. A. Co., contrs., 949H B'way, New York.
Fuller, Geo. A., Constr. Co., Dwight Bldg., Kansas City, Mo.
Fuller, Geo. A. Co., ship bldr., Wilmington, N. C.
Fuller, Geo. H., contractor, 80 E. Rand, Chicago, Ill.
Fuller, Geo. H., & Son Co., band saw & gold solder, Pawtucket, R. I.
Fuller, Geo. R. Co., artificial limbs, 230H Andrews, Rochester, N. Y.
Fuller & Goepf, plate glass, 32H Page, San Francisco, Cal.
Fuller-Goodman Co., lumber, Oshkosh, Wis.

Fuller, H. B., Co., adhesives, 188 W. 3d, St. Paul, Minn.
Fuller & Hiller Hdwe. Co. (wholesale), Muscatine, Ia.
Fuller Iron Wks., founders, 40 Tockwotton, Providence, R. I.
Fuller, J. D., bldrs.' matls., Mountville, Ga.
Fuller, J. J., mfgr. & contr. in gen'l. & spec'l. woodwork, Westfield, Mass.
Fuller, J. N., Co., architects, Winfield, Kan.
Fuller & Johnson Mfg. Co., gasoline & kerosene engines, Madison, Wis.
Fuller-Lehigh Co., dryers, pulverizing machy., castings & wheel mfrs., Fullerton, Pa. *See adv. index at end of book.*
Fuller, Lemuel, lbr., Amherst, N. H.
Fuller, Louis E., inks, 226 W. 75th, New York.
Fuller, M. W., architect, Fort Collins, Colo.
Fuller Mfg. Co., machsts. & fndrs., New Haven, Conn.
Fuller, Otis L., Co., shear mfrs., Goshen, Ind.
Fuller, Ralph L., & Co., Inc., chemicals, 81 Fulton, New York.
Fuller, Ravillo Franklyn, architect, 1001 N. Dearborn, Chicago, Ill.
Fuller & Robinson Co., architects, 95 State, Albany, N. Y.
Fuller, Samuel B., architect, Pawtucket, R. I.
Fuller-Saxton Co., paper bag machy., Drexel Bldg., Phila., Pa.
Fuller & Sons Mfg. Co., auto clutches & transmissions, Kalamazoo, Mich.
Fuller Steel & Iron Co., brkrs., Park bldg, Pittsburgh, Pa.
Fuller, W. C., Co., mill & facty. supplies, Mansfield, Mass.
Fuller, W. P., & Co., plate glass, varnish, 301 Mission, San Francisco, Cal.
Fuller-Warren Co., stove mfrs., 32nd & Wright, Milwaukee, Wis., & Troy, N. Y.
Fuller & Warren Co., warm air furnaces, gas ranges, etc., 256 Water, New York.
Fuller, Wm., contractor, 83 Adams, Rochester, N. Y.
Fuller, Wm. A., masons' & bldrs.' matls., sash, door & blind, Clinton, Mass.
Fuller's Elec. Stone Wks., Utica, N. Y.
Fuller's, G., Sons, steam engines, machsts. & fndrs., Hallowell, Me.
Fullerton, D., & Co., meat packers, Paterson, N. J.
Fullerton Krueger Lumber Co., 915 Lbr. Ex., Minneapolis, Minn.
Fullerton Lumber Co., Minneapolis, Minn.
Fullerton-Powell Hardwood Lumber Co., East St. Louis, Ill.
Fullington, E. M., masons' & bldrs.' matls., Clearfield, Pa.
Fullman, John G., contractor, E. E. Trust Bldg., Pittsburgh, Pa.
Fullwider & Kernodle, contractors, Lebanon, Ind.
Fulmer, Bennett R., contractor, Greensburg, Pa.
Fulmer, C. F., timers, spark, Plainfield, N. J.
Fulmer & Henderson, masons' & bldrs.' matls., Stenton av., Gtn., Philadelphia, Pa.
Fulmer, J. H., roof snow guards, Nazareth, Pa.
Fulper, Edw. B., hydro-carbon, caustic soda, oils, etc., Dept. H, Trenton, N. J.
Fulper Pottery Co., water filters & coolers, Flemington, N. J.
Fulton, Allan W., & Co., naval archs., 602 E. Pratt, Balto., Md.
Fulton Asphalt Co., 53 W. Jackson blvd., Chicago, Ill.
Fulton Bag Co., Fulton, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Fulton Bell Co., drink mixers, 451 Greenwich, New York.
Fulton Brick & Tile Co., Fulton, Ohio.
Fulton Brick Wks., Richmond, Va.
Fulton Bros., contractors, 19 Warren, Albany, N. Y.
Fulton & Butler, architects, Uniontown, Pa.
Fulton, C. E., ship builders, Wilmington, Cal.
Fulton, C. K., & Co., sash, door & blind, 1428 2d, N., Minneapolis, Minn.
Fulton Co., auto. horns, 742 75th av, Milwaukee, Wis.
Fulton Co., machsts. & fndrs., Knoxville, Tenn.
Fulton-Conway & Co., wholesale hardware, Louisville, Ky.
Fulton Cornice & Skylight Wks., 5 Rivington, New York.
Fulton County Silk Mills, knitted gloves, Gloversville, N. Y.
Fulton Drop Forge Co., Canal Fulton, Ohio.
Fulton Fire Brick Co., Fulton, Mo.
Fulton Foundry Co., 1209 Marquette av, Cleveland, Ohio.
Fulton Fdry. & Mach. Co., 21 Furman, Brooklyn, N. Y.
Fulton, H. K., corn brooms, Wilmington, Del.
Fulton Harwood Brass Fdry. Co., South Bend, Ind.
Fulton Iron Works, anvil, blocks, upsetters, etc., 39 Franklin, Detroit, Mich.
Fulton Iron Works Co., sugar machy., St. Louis, Mo. *See adv. index at end of book.*
Fulton Lumber Co., Fulton, Kan.
Fulton Mach. Co., pulleys, vises, etc., Canal Fulton, Ohio.
Fulton Mach. Tool Co., lathes, 1422 W. Randolph, Chicago, Ill.
Fulton Mach. & Vise Co., machsts. & fndrs., Lowville, N. Y.
Fulton Mfg. Co., children's carriages, 130 N. Wells, Chicago, Ill.
Fulton Mfg. Co., machinists, Erie, Pa.
Fulton, Mehring & Hauser Co., whol. hdwe., York, Pa.
Fulton Metal Bed Mfg. Co., Atlanta, Ga.
Fulton Motor Truck Co., Webster av, L. I., N. Y.
Fulton Packing Co., meat, 820 Fulton, Chicago, Ill.
Fulton Pit Car Co., Canal Fulton, Ohio.
Fulton Shipbuilding Co., Wilmington, Cal.
Fulton Shoe Polish Co., 289 Pearl, New York.
Fulton Spec. Co., rubber type, Elizabeth, N. J.
Fulton Stone Co., Fulton, Ohio.
Fulton Supply Co., mill supplies & machy., Atlanta, Ga.
Fulton Supply Co., plumbers' supplies—jobbers, 1600 Fulton, Chicago, Ill.
Fulton Tool Co., drills, etc., 313 6th av, Pittsburgh, Pa.
Fulton & Walker Co., ambulances, police wagons, 20th & Filbert, Philadelphia, Pa.
Fulwider, W. A., Co., lbr. mfrs., Bloomington, Ind.
Fulwood, C. W., Jr., architect, Commercial Bldg., Moultrie, Ga.
Funck, Philip, Corp., machinists, Rochester, N. Y.
Funda, Henry, contractor, 201 Edison, Syracuse, N. Y.
Funk Bros. Mfg. Co., machinists, Chicago Heights, Ill.
Funk, J. M., sash, door & blind mfr., Waynesburg, Pa.
Funk, Jos. P., & Co., meat packers, 1024 N. Main, St. Louis, Mo.
Funk & Wilcox Co., architects, Old South Bldg., Boston, Mass.
Funke, Ferdinand, Sons, paper & pulp mills, Evansville, Ind.
Funkhouser, R. J., & Co., ties, poles & posts, Hagerstown, Md.
Funsten Clay Products Co., 55 New Montgomery, San Fran., Cal.
Funston, Edmund B., Co., architects, Robinson Bldg., Racine, Wis.
Fuqua Hardware Co., Baton Rouge, La.
Fuqua, J. J., flour mills, Milan, Tenn.
Fuquay, D. F., archit., Daytona Beach, Fla.
Fur Trade Review, 1181 B'way, New York.
Furber, Stockford & Co., lumber, 89 State, Boston, Mass.
Furber, Wm. C., architect, 418 Walnut, Philadelphia, Pa.
Furhman, Louis P., meat packer, 1010 Clinton, Buffalo, N. Y.
Furlong, Andrew J., scrap iron, Norristown, Pa.
Furlong, Jas., contractor, Monadnock Bldg., San Francisco, Cal.
Furlong, Jno. W., & Co., contrs., 46 Benevolent, Providence, R. I.
Furlow Pressed Brick Co., Los Angeles, Cal.
Furman Farm Improvement Co. See Furman Fertilizer Wks. (successors).
Furnald, John C., machsts. & fndrs., Rochester, N. H.
Furnam, Edw., brick, Sayreville, N. J.
Furnas Office Furn. Co., 124 H S. Liberty, Indianapolis, Ind.
Furness Bros. Co., machsts. pumps, etc., 1613 W. Walnut, Chicago, Ill.
Furness, Evans & Co., architects, Franklin Bk. Bldg., Phila., Pa.
Furniture Journal, trade publication, 610 S. Dearborn, Chicago, Ill.
Furniture Mfr. & Artisan, trade publications, Grand Rapids, Mich.
Furniture Studios, Inc., Dept. H, Grand Rapids, Mich.
Furniture World, trade publication, 15 W. 38th, New York.
Furr & Kerr, flour mills, Broad Run, Va.
Furrow, Edw., architect, I. O. O. F. Bldg., Springfield, Ill.
Furrow, Edw., architect, Broadwell Bldg., Springfield, Ill.
Furst, John E. K., architect, 624 Madison av, Chicago, Ill.
Furst, Wm. H., architect, 140 S. Dearborn, Chicago, Ill.
Furst-Kerber Cut Stone Co., 2301 S. La Salle, Chicago, Ill.
Furstenau, Martin C., naval architect, 308 Walnut, Phila., Pa.
Furstenberg Bros., lbr. mfrs., Saginaw, Mich.
Furtman, Aug. J., cornices, 2453 Walnut, Milwaukee, Wis.
Furukawa & Co., Ltd., metal imp., 120 B'way, New York.
Fusco, Donato, contractor, Montclair, N. J.
Fuss, J. C., grain cradles, Kauffman, Pa.
Futgoye-Paterson Co., lbr., Shugualak, Miss.
Futurity Investment Co., lumber, Bellingham, Wash.
Fyans, Fraser & Blackway Co., mill & facty. supplies, Fall River, Mass.
Fyfe, Alex. C., machinist, 652 W. 44th, New York.
Fyle, Jas. L., architect, 316 S. Euclid av, Oak Park, Ill.
Fyr-Fyter Co., fire extinguishers, Dayton, Ohio.
Fyricide Mfg. Co., fire extinguishers, 74 W. 85th, New York.
Fyster, Weiser & Co. (Ltd.), bark mills, York, Pa.
G. A. Ball Bearing Mfg. Co., 3051 W. Lake, Chicago, Ill.
G. G. G. Metal Stamping Co., casters & hame fasteners, Warren, Pa.
Gabbert Lumber Co., Mattoon, Ill.
Gabel Mfg. Co., poppers (corn), Hawkeye, Ia.
Gabel Packing Co., meat, 221 N. Peoria, Chicago, Ill.
Gabell, W. T., masons' & bldrs.' matls. 2308 N. 29th, Phia., Pa.
Gable, Geo. E., architect, 1415 1st av, N., Seattle, Wash.
Gable, H. A., Co., whol. hdwe., Harrisburg, Pa.
Gabler Constr. Co., 402 Hudson, New York.
Gabler, Ernest, & Bro., pianos, 347 Rider av, New York.
Gabriel Mfg. Co., horns, shock absorbers, 1407 E. 40th, Cleveland, Ohio.
Gabriel Reinforcement Co., concrete reinfg. matls., Penobscot Bldg., Detroit, Mich.
Gabriel & Schall. See Uhlich, Paul & Co. (successors).
Gabriel, W. H., Carriage & Wagon Co., 315 Prospect av, N. W., Cleveland, Ohio.
Gaddis, John W., architect, Vincennes, Ind.
Gade Bros. Mfg. Co., engines, Iowa Falls, Ia.
Gade, C. L., drainage excavators, farm gates & tile ditching mchy., Iowa Falls, Ia.
Gadfield, C. L., machinist, Millersburg, Ohio.
Gadsden Contracting Co., Savannah, Ga.
Gadsden Fertilizer & Gin Co., Gadsden, Ala.
Gadsden Foundry Co., Gadsden, Ala.
Gadsden Pipe Co., Gadsden, Ala.
Gaenslen, Fred'k B., architect, Alamo Bk. Bldg., San Antonio, Tex.
Gaertner, Otto, architect, 339 Palmer av, Yonkers, N. Y.
Gaertner, Wm. & Co. laboratory app. & supplies, 5345 Lake Pk. av, Chicago, Ill.
Gaetjens, Chas. F., embossing inks, 626 4th av, Brooklyn, N. Y.
Gaffga, J. S., & Co., gas engines, Greenport, N. Y.
Gaffney, B., & Sons, contractors, Saratoga Springs, N. Y.
Gaffney Constr. Co., 1927 Poplar, Philadelphia, Pa.
Gaffney & Epping, architect, 437 S. 2nd, Louisville, Ky.
Gaffney, J. W., Son, contractors, masons' & bldrs.' matls., 427 E. Main, Waterbury, Conn.
Gaffney Mfg. Co., cotton sheetings, Gaffney, S. C.
Gaffney Wood Products Co., wood alcohol, Bradford, Pa.
Gage, C. A., architect 1624 Harmon pl, Minneapolis, Minn.
Gage, E. E., Mfg. Co., knives, Gardner, Mass.
Gage, Elbridge G., brick, Dover, N. H.
Gage, G. L., Co., masons' & bldrs.' matls., Lawrence, Mass.
Gage & Gemin, architects, 220 E. 6th, Dayton, Ohio.
Gage, John S., netting, 510 B'way, New York.
Gage, L. H., Lbr. Co., 32 Westminster, Providence, R. I.
Gage, Robt. Coal Co., Bay City, Mich.
Gage Roller Mills, flour, Gage, Okla.
Gage, S. Edson, architect, 28 E. 49th, New York.
Gage Structural Steel Co., 3141 S. Hoyne av, Chicago, Ill.
Gage, Thos. G., Co., contractors, 111 W. Monroe, Chicago, Ill.
Gage Tool Co., machsts., Vineland, N. J.
Gage, W. M., lbr. mfrs., 735 W. Green, Louisville, Ky.
Gagen Lbr. & Cedar Co., Gagen, Wis.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Gaggin & Gaggin, architects, University blk, Syracuse, N. Y.
Gagnier Bros., contrs., Springfield, Mass.
Gagnon & Co., contractors, Billings, Mont.
Gahagan, Walter H., caisson foundations & contr., 147 Remsen, Brooklyn, N. Y.
Gahagan's, J., Sons, sashes, doors & blinds, Hoboken, N. J.
Gaidry, L. R. concrete flooring, Title Guarantee Bldg., New Orleans, La.
Gain, Ed C., contr., E. St. Louis, Ill.
Gainer, F. H., stamping, Plainville, Conn.
Gaines, Joseph K., shoe display firms, 467 C, N. W., Washington, D. C.
Gaines, L. P., flour, Cave, Ga.
Gaines, Thos. P., masons' & bldrs.' matls., Sherburne, N. Y.
Gainesville Brick Co., Gainesville, Tex.
Gainesville Fdry. & Mach. Wks., Gainesville, Fla.
Gainesville Iron Wks., Gainesville, Ga.
Gainesville Planing & Coffin Co., Gainesville, Fla.
Gainesville Roller Mills Co., flour, Gainesville, Ga.
Gair & Binderup, Denver, Colo.

Gair, Robert, Co., packing & corrugated paper & boxes, labels, etc., 50 Washington, Brooklyn, N. Y.
Gaiser, W. H., carriages, Wichita, Kans.
Gaites, Peace & Co., elec. light fix. mfrs., 204 Willoughby, Brooklyn, N. Y.
Galansky, Thos., scrap iron, Alliance, Ohio.
Galard Co., bath room fix., 327-341 6th av, Newark, N. J.
Galban, Noecker & Co., Inc., mill & facty. supplies, 82 Beaver, New York.
Galber, John, contractor, Seattle, Wash.
Galbert, Thos., brick, West Farmington, Me.
Galbraith, B. G., asphalt paving contrs., Harrisburg, Pa.
Galbraith, Bacon & Co., masons' & bldrs.' matls., Seattle, Wash.
Galbraith, C. C. & Son, mill & factory supplies, life boats, preservers, clinch rings, etc., 117 West, New York.
Galbraith, John, pckg. box mfrs., 619 Commerce, Phila., Pa.
Galbraith Paving Co., 3732 Old York rd, Philadelphia, Pa.
Galbraith, W. A., cornices & skylights, Opelika, Ala.
Gale, Conrad H., packing box, Tully, Mass.
Gale Elec. Co., contrs., Bridgeport, Conn.
Gale Mfg. Co., agricultural implements, Albion, Mich.
Gale, O. Milton, machsts., Syracuse, N. Y.
Gale-Sawyer Co., cutter & reamer mfrs., 36 Oliver, Boston, Mass.
Galena Clay Products Co., Galena, Ohio.
Galena Foundry & Machine Co., Galena, Kans.
Galena Iron Works Corp., machsts. & fndrs., Galena, Ill.
Galena Signal Oil Co., Franklin, Pa.
Galesburg Coulter Disc Co., agric. implts., Galesburg, Ill.
Galesburg Machine Works, Galesburg, Ill.
Galesburg Malleable Castings Co., Galesburg, Ill.
Galesburg Sheet Metal Works, ventilators, Galesburg, Ill.
Galesburg Spec. Wks., lawn mower oilers, Galesburg, Ill.
Galesburg Writing Mach. Co., machsts. & fndrs., Galesburg, Ill.
Galet, A., plate and window glass, 121 Mission, San Francisco, Cal.
Galewski, A., & Son, bags, boxes, belts, straps, etc., 453 Broome, New York.
Galewski, David, traveling bags, 181 Mercer, New York.
Galewski, S., traveling bags, 261 Canal, New York.
Galey Hardware Co., Chester, Pa.
Galigher Machinery Co., Salt Lake City, Utah.
Galion Brass & Bronze Fndry. Co., Galion, Ohio.
Galion Dynamic Motor Truck Co., Galion, Ohio.
Galion Handle & Mfg. Co., Galion, Ohio.
Galion Iron Works & Mfg. Co., machsts. & fndrs., Galion, Ohio.
Galion Lumber Co., Galion, Ohio.
Galion Metallic Vault Co., Galion, Ohio.
Gall, Chas. H., granite, 127 N. Dearborn, Chicago, Ill.
Gall Cure Collar Pad Co., Richmond, Ind.
Gall, Jas. E., machsts. & fndrs., Wakarusa, Ind.
Gall, Wm., stone producers, Ableman, Wis.
Gallagher, B., & Son, contractors, 134 B'way, Brooklyn, N. Y.
Gallagher, Bernard, drills, Lynn, Mass.
Gallagher Bros., masons' & bldrs.' matls., Wallingford, Conn.
Gallagher Bldg. Co., contractors, 257 Courtland, Bridgeport, Conn.
Gallagher & Co., contractors, 501 W. 145th, New York.
Gallagher, D. F., & Co., arch. iron, 37 Commercial whf., Boston, Mass.
Gallagher, Dan'l J., Mfg. Co., cotton waste, 513 S. Clinton, Chicago, Ill.
Gallagher, E. J., contractor, Crocker Bldg., San Francisco, Cal.
Gallagher, Frank J., contractor, 490 Park pl., Brooklyn, N. Y.
Gallagher, John, Co., contr. tents, Madison, Wis.
Gallagher Mfg. Co., machsts., Lynn, Mass.
Gallagher, P. J., glass, mirrors, etc., 24 New Chambers, New York.
Gallagher's, Jas., Sons, brass fndrs., 87 Centre, New York.
Gallaher, Louis, Co., masons' & bldrs.' matls., Savannah, Ga.
Gallaher & Speck, freight elevators & heating contrs., 215 W. Congress, Chicago, Il.
Galland-Henning Mfg. Co., hydraulic presses, etc., Railway Exchange Bldg., Milwaukee, Wis.
Gallaway, G. W., lubrg. oils, 322 Pearl, New York.
Galbraith, C. C., & Son, life boats & preservers, clinch rings, etc., 49 West, New York.
Gallery, John J., contractor, 133 W. Washington, Chicago, Ill.
Galle, W. F., & Co., lbr., 1262 Budd, Cincinnati, Ohio.
Galley Bros., carriages, Mount Pleasant, Pa.
Gallick, Jos., contractor, 469 Concord av, New York.
Gallie Machine Works, 429 Tehama, San Francisco, Cal.
Galligan, Thos., Inc., contractor, 518 E. 23rd, New York.
Galliher, C. F., architect, First Nat'l Bank Bldg., Montgomery, Ala.
Gallin, Jno., & Son, contractors, 6 Gold, New York.
Gallison, F. L., fndr. & castings, Lawrence, Mass.
Gallison, Wm. H., Co., mill & facty. supplies, plumbers' supplies, jobbers, 399 Atlantic av, Boston, Mass.
Gallivan Building Co., Greenville, S. C.
Gallivan, Jerry A., Co., heating contrs., Muncie, Ind.
Gallo Bros., contrs., Netcong, N. J.
Galloup Pipe & Supply Co., mill supplies, Battle Creek, Mich.
Galloway Coal Co., Memphis, Tenn.
Galloway, Jas., Co., wholesale hdwe., 121 W. Pratt, Balto., Md.
Galloway, Kennedy Co., plow beams & wagon wheels, Clarendon, Ark.
Galloway, P. W., contractor, Racine, Wis.
Galloway-Pease Co., lbr. mfrs., Saginaw, Mich.
Galloway Terra Cotta Co., fountains, etc., 3216 Walnut, Philadelphia, Pa.
Galloway & Wagner, carriages, 303 W. 53d, New York.
Galloway, Wm., Co., agricultural implements, Waterloo, Ia.
Galloy & Van Etten, stone, 11756 S. Halsted, Chicago, Ill.
Gallum, Wm., cornices, 932 Kinnic av, Milwaukee, Wis.
Gallup Hdwe. Co., mill & facty. supplies, Cortland, N. Y.
Gallup & Lewis, mattresses, Jackson, Mich.
Gallup Ruffling Handle Co., Norwalk, Ohio.
Galpin's, Alfred, Sons, wholesale hdwe., Appleton, Wis.
Galusha Stove Co., 167 Court, Rochester, N. Y.
Galva Heater Co., Galva, Ill.
Galvanized Products Co., steel trunks, etc., 8410H Lake av, Cleveland, Ohio.
Galvanized Products Co., hardware mfrs., bolts, etc., Phillipsburg, N. J.
Galvanizing Corp. of Am., Inc., 252 Eagle, Brooklyn, N. Y.
Galveston Wharf Co., Galveston, Tex.
Galvin, A. J., contractor, Lennox Bldg., Cleveland, Ohio.
Gamage, J. W., & Co., masons' & bldrs.' matls., Norfolk, Va.
Galvin, Jas., contr., 58 W. Washington, Chicago, Ill.
Gamage, J. C., & Co., masons' & bldrs.' matls., Norfolk, Va.
Gamble Bros., lumber, Highland Park, Ky.
Gamble & Bryan, contrs., East Liverpool, Ohio.
Gamble Const. Co., 620 Chestnut, St. Louis, Mo.
Gamble, Geo. M., & Co., flour mills, Bellefonte, Pa.
Gamble, Jas., contractor, 15 William, New York.
Gamble, L. M. F., contrs., Mexico, Mo.
Gamble Lumber Co., Brewster, Wash.
Gamble, R. L., architect, Topeka, Kans.
Gamble, Samuel, Co., contractors, Carnegie, Pa.
Gamble & Stockton Co., brick, Jacksonville, Fla.
Gambrill, C. A., Mfg. Co., flour mills, 104 Commerce, Baltimore, Md.
Games Fndry. Co., Ensley, Ala.
Gamewell Co., jigs & fixtures, Newton Upper Falls, Mass.
Gamewell Fire Alarm Tele. Co., elec. bells, fire alarm insts., machsts. & fndrs., 70 E. 45th, New York.
Gammeter, W. F., furnaces, Cadiz, Ohio.
Gammill Lbr. Co., Pelahatchee, Miss.
Gammino, Frank A., contrs., 331 B'way, Providence, R. I.
Gamon Meter Co., mchsts. & fndrs., 282 South, Newark, N. J.
Gamp, Hy. S., contractor, 1935 Clinton av, New York.
Gamwell, C. C., masons' & bldrs.' matls., Pittsfield, Mass.
Ganahl, C., Lumber Co., Los Angeles, Cal.
Ganal Lumber Co., Newstead & Duncan, St. Louis, Mo.
Gander, A., & Sons, constrs., 14 Osborn, Albany, N. Y.
Gander, Jos. J., architect, 17 Steuben, Albany, N. Y.
Gancher, Abraham I., adding machs., 148 Duane, New York.
Gandy (The) Belting Co., belting manfrs., 740 W. Pratt, Baltimore, Md.
Gandy, Wm. H. (Estate of), paper-cotton tissue, Lambertville, N. J.
Gangelhoff Bros., bedsteads, 909 S. 2d, Minneapolis, Minn.
Gangewere, Wm. H., & Co., contractors, Allentown, Pa.
Gangwer & Co., machsts., La Porte, Ind.
Gannaway, Jno. E., & Co., wholsale hardware, Lynchburg, Va.
Gannett Electrical Co., facty. trucks, 55 Pine, Providence, R. I.
Gannon Bros., contractors, West Newton, Mass.
Gano, Moore & Co., pig iron dlrs., Land Title Bldg., Phila., Pa.
Gans Bros., umbrella mfrs., 100 S. Hanover, Baltimore, Md.
Ganschinetz, F., contr., E. St. Louis, Ill.
Ganschow, Wm., Co., gears, 1001 Washington blvd, Chicago, Ill.
See adv. index at end of book.
Gant, E. M., Mfg. Co., Inc., air tire pumps, Ethridge, Tenn.
Ganter, F. X., & Co., store fixtures, cor. Sharp & Ostend, Baltimore, Md.
Ganther & Kroyer, contrs., Oshkosh, Wis.
Gantner & Mattern Co., sweaters, etc., Grant av & Post, San Francisco, Cal.
Gantner, Wm., Co., cornices & skylights, 9 Del Ray, Pittsburgh, Pa.
Gantt Mfg. Co., agricultural implements, Macon, Ga.
Gara-McGinley Co., steel awnings, ceilings, cornices & skylights, etc., 23 S. 17th, Philadelphia, Pa.
Garage Constr. Co., Grand & Oliver, Pittsburgh, Pa.
Garber, Jos. S., brick, Pottstown, Pa.
Garber & March Lbr. Co., Dover, Ohio.
Garber Mill & Elevator Co., flour, Garber, Okla.
Garber & Wilbarger Co., machsts., Harrisonburg, Va.
Garber & Woodward, architects, Union Central Bldg., Cincinnati, Ohio.
Garbisch, Herman, contr., Barrington, Ill.
Garbutt, A. G., Lbr. Co., Statenville, Ga.
Garbutt & Weidner, architects, Casper, Wyo.
Gard Pattern Co., Denver, Colo.
Gardam, Wm., & Son, machsts., 114 Park pl., New York.
Garden City Chandelier Co., 552 W. Jackson blvd., Chicago, Ill.
Garden City Fan Co., blowers, exhaust fans, etc., machsts. & Fndry., 332 S. Michigan, Chicago, Ill.
Garden City Feeder Co., Pella, Ia.
Garden City Laboratory, soldering flux, etc., 2455 Archer av, Chicago, Ill.
Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
Garden City Pottery Co., San Jose, Cal.
Garden City Sand Co., Chamber of Commerce Bldg., Chicago, Ill.
Garden City Spring Wks., 2300 Archer, Chicago, Ill.
Garden City Tablet Co., pads, Elkhart, Ind.
Garden, Edw. G., architect, Phelan Bldg., San Francisco, Cal.
Gardiner, Beardsell & Co., shoe counters, 50 Lincoln, Boston, Mass.
Gardiner, Clarence H., architect, Rensselaer, N. Y.
Gardiner, E. W., mill & facty. supplies, Amsterdam, N. Y.
Gardiner Hdwe. Co., mill & facty. supplies, Gardiner, Me.
Garden, Hugh M. G., architect, 104 S. Michigan av, Chicago, Ill.
Gardiner, Hy., granite producers, Millstone, Conn.
Gardiner Metal Co., 1364 W. Lake, Chicago, Ill.
Gardiner Mill Co., lumber, 16 California, San Francisco, Cal.
Gardiner Paint Co., 258 Broadway, New York.
Gardiner Storage Battery Co., 50 East 51st, Chicago, Ill.
Gardiner, Thos. W., & Sons, wooden shoe lasts, Lynn, Mass.
Gardiner, W. B., Co., masons' & bldrs.' matls., Annapolis, Md.
Gardner, A. D., flour, Stayton, Ore.
Gardner, B. M., Co., brass, copper, bronze rods, sheets & tubes, Guardian Bldg., Cleveland, Ohio.
Gardner Broom Co., Amsterdam, N. Y.
Gardner Bros., flour mills, Leetown, W. Va.
Gardner-Bryan Co., machsts. & fndrs., 419 Frankfort, Cleveland, Ohio.
Gardner Carburetor & Brass Works, Shreveport, La.
Gardner, Clarence, architect, Penn Mutual Bldg., Phila., Pa.
Gardner & Co., soap, 222 E. 34th, New York.
Gardner, David P., & Son, sash, door & blind mfrs., 49 Fleet pl, Brooklyn, N. Y
Gardner & Doughtie, contractors, Columbus, Ga.
Gardner, E. C. & G. C., architects, 33 Lyman, Springfield, Mass.
Gardner, E. J., Axle & Mach. Co., Carlisle, Pa.
Gardner, Everett M., architect, 198 Holyroad av, Lowell, Mass.
Gardner General Foundry Co., Gardner, Mass.
Gardner Governor Co., engines, governors, pumps, air compressors, etc., 23 Williamson, Quincy, Ill.
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Gardner Grate Co., gauge glass protectors, 21 Burgess, Boston, Mass.
Gardner, H. S., architect, Ackerman Bldg., Binghamton, N. Y.
Gardner Hdwe. Co., mill & facty. supplies, Gardner, Mass.
Gardner Hardware Co., 304 Henn av, Minneapolis, Minn.
Gardner-Harvey Paper Co., Middletown, Ohio.
Gardner, Horace C., architect, 140 S. Dearborn, Chicago, Ill.

Gardner, I. E., masons' & bldrs.' matls., Hackensack, N. J.
Gardner, J. H., architect, Fort Scott, Kans.
Gardner, Jas. Jr., Co., fire brick, gas retort benches, etc., Bollvar, Pa.
Gardner, Jos., cornices, Indianapolis, Ind.
Gardner, M. B. & L. B., brick, Hackensack, N. J.
Gardner Mach. Co., Beloit, Wis.
Gardner Machine Works, Gardner, Mass.
Gardner & Meeks Co., masons' & bldrs.' matls., Guttenburg, N. J.
Gardner Mill Co., sash, door & blind mfrs., 2415 Elston av, Chicago, Ill.
Gardner, O. C., lumber mfrs., West Burlington, N. Y.
Gardner & Parry, architect, Guardian Trust Bldg., Denver, Colo.
Gardner, Peterman & Co., lumber mfrs., Saginaw, Mich.
Gardner, R., Electrical Works, forge blowers, 1712 Columbus rd, Cleveland, Ohio.
Gardner, Robt. W., 43 Cedar, New York.
Gardner, S. J., Fdry. & Machine Co., New Albany, Ind.
Gardner Sash Pulley Co., hdwe. mfrs., 15 N. Jeff., Chicago, Ill.
Gardner-Stedman Co., transformers, 160 N. 5th, Chicago, Ill.
Gardner, T. W., architect, Stahlman Bldg., Nashville, Tenn.
Gardner, William, & Co., naval architects, 1 B'way, New York.
Gardner Wire Co., auto belts, 520 N. Parkside av, Chicago, Ill.
Gardner Wood Co., lumber, 3 West 14th, New York.
Garetson-Greason Lbr. Co., cypress & gum, St. Louis, Mo.
Garetson Mfg. Co., mattresses, San Diego, Cal.
Garey & Co., canned goods, Denton, Md.
Garfield, Abram, architect, Garfield Bldg., Cleveland, Ohio.
Garfield Bronze & Iron Works, Garfield, N. J.
Garfield & Co., constr. & industrial equipment concrete plants, 1323 Hearst Bldg., San Francisco, Cal.
Garfield Fire Clay Co., Robinson, Pa.
Garfield Mach. Wks., screw machine products, Garfield, N. J.
Garfield Mfg Co., moulded heat proof insulation, Garfield, N. J.
Garfield Smelting Co., Salt Lake City, Utah.
Garford Engineering Co. See Garford Foundries Co. (successors).
Garford Motor Truck Co., Lima, Ohio.
Garl Electric Co., Akron, O.
Garland, F. V., Co., trunks, 42 E. 6th, St. Paul, Minn.
Garland, M., Co., machsts. & fndrs., Bay City, Mich.
Garland Mfg. Co., textile machy., supplies, Saco, Me.
Garland Mfg. Co., chains, rivets, nuts & armored conductors, 1st National Bank bldg, Pittsburgh, Pa.
Garland, R. J., architect, 340 Main, Worcester, Mass.
Garlock Packing Co., Palmyra, N. Y.
Garman, A. St. Clair, lbr., 8th, Bel. Diamond, Philadelphia, Pa.
Garman, Frank E., architect, N 1521 Maple, Spokane, Wash.
Garman, N. H., & Bro., contractors, Reading, Pa.
Garmen, C., & Sons, contractors, New Brighton, Pa.
Garmen & Forkenbrock, cornices & skylights, New Hampton, Ia.
Garmroth, Geo., brick, Payne, O.
Garner Brick Wks., Haverstraw, N. Y.
Garner Bros., canned goods, Lewisetta, Va.
Garner, J. J., cornices & skylights, Seattle, Wash.
Garner Shingle Co., Everett, Wash.
Garner Ventg. Co., 72 Trinity pl, New York.
Garnet Co., special oil manfrs., Allentown, Pa.
Garnet, Geo. H., Co., soaps and disinfectants, Allentown, Pa.
Garnett Bros., hdwe., Medford, Ore.
Garnich, Emil, & Sons Hardware Co., Ashland, Wis.
Garnier, Emile, masons' & bldrs'. matls., 1601 N. Robertson, New Orleans, La.
Garnier, Joe I., heating contractor, Chattanooga, Tenn.
Garnjost Constr. Co., Yonkers, N. Y.
Garnjost, F. A., contractor, Yonkers, N. Y.
Garns, W. H., architect, Fletcher Sav. & Trust Bldg., Indianapolis, Ind.
Garnsey, Geo. O., architect, 25 N. Dearborn, Chicago, Ill.
Garnsey, Leigh G., contractor, 108 W. 6th, Los Angeles, Cal.
Garon, I., sweaters, etc., Duluth, Minn.
Garot Bros., heating contractors, Green Bay, Wis.
Garot, Edw., contractor, Green Bay, Wis.
Garrabrandt, Wm. E., architect, 7343 Main, East Orange, N. J.
Garrahan Canning Co., Luzerne, Pa.
Garrahan, P. F., cornices, Altoona, Pa.
Garrard Milling Co., flour, Lancaster, Ky.
Garratt-Callahan Co., packing mfrs., boiler compounds & metal polish, 30 Fremont, San Francisco, Cal.
Garratt, L. W., mfrs. agt—packing & air compressor lubricators, 358 Union Arcade, Philadelphia, Pa.
Garratt, W. T., & Co., engines, 299 Fremont, San Francisco, Cal.
Garraty & Co., cornices, 1629 Ransted, Philadelphia, Pa.
Garren & Hines, boilers, Muscatine, Ia.
Garrett Attachment Co., key seating machy., Nashville, Tenn.
Garrett, Bryant, flour, Lena, Miss.
Garrett, C. S., & Son Co., paper & pulp mills, 20 S. Marshall, Philadelphia, Pa.
Garrett, E., paper & pulp mills, Chester, Pa.
Garrett, Edwin T., Co., paper & pulp mills, Lansdowne, Pa.
Garrett-Elliott Hdwe. & Heating Co., Denver, Colo.
Garret Go-Cart & Carriage Co., 1728 Arcade pl, Chicago, Ill.
Garrett, J. G., & Son, architects, Gainesville, Tex.
Garrett, J. T., bldg. contr., Fullerton Bldg., St. Louis, Mo.
Garrett, Miller & Co., elec. supplies, Wilmington, Del.
Garrett, Sylvester S., & Co., confetti & paper blankets, 259 S. 3d, Phila., Pa.
Garrett, T. H., Lumber Co., Chemical Bldg., St. Louis, Mo.
Garrett, Urias E., architect, Danville, Ill.
Garrett, W. D., & Co., mill & facty. supplies, 126 Liberty, New York.
Garrett, Wilbur R., contractor, 1416 F. N. W., Washington, D. C.
Garrett, Wm., wagon spokes, Canandaigua, N. Y.
Garretts, Hy. G., & Son, plate glass, Quincy, Ill.
Garrigue, Wm., & Co., chem. engnrs., in oils, fats, etc., 154 Nassau, New York, & W. 45th & Western av, Chicago, Ill.
Garrigues, Chas. F., Co., chem. brokers, 54H Wall, New York.
Garrison, A., Fdry. Co., hot sawing machs., 901 Bingham, Pittsburgh, Pa.
Garrison Brass & Mach. Wks., 107 W. 13th, New York.
Garrison Brass & Mach. Wks., plbrs.' supplies, 103 E. 41st, New York.
Garrison Bros. Co., tobacco transplanters, Bridgeton, N. J.
Garrison Co., Inc., mfg. engrs. & sheet metal developments, 188 John, Bridgeport, Conn.
Garrison, G. B., contractor, Rochester, N. Y.
Garrison, J. H. (Est. of), masons' & bldrs. matls., Tully, N. Y.
Garrison, J. H., & Son, lbr., Garrison, Tex.
Garrison, John D., contractor, 1435 Chestnut, Phila., Pa.
Garrison Mach. Wks., grinder chucks, Dayton, Ohio.
Garrity, Ralph E., elec. machy. dealers, Wabash bldg, Pittsburgh, Pa.
Garrity, Thos. F., mason bldr., Hartford, Conn.
Garry Iron & Steel Mfg. Co. of N. Y. See Brien Hill Steel Co. (successor).
Garsztecki, Walter F., architect, 4701 Chene, Detroit, Mich.
Gartelmann, Herman, & Co., machsts., 246 Canal, New York.
Gartenberg, M. Co., cornices, 426 6th av, Brooklyn, N. Y.
Gartland Fdry. Co., Terre Haute, Ind.
Gartland, P. J., contractor, 74 Spencer, San Francisco, Cal.
Gartland Toledo Fndry. Co., Toledo, Ohio.
Gartman, C. E., mach. & fndr., Denver, Colo.
Gartman, W. D., cornices & skylights, Columbus, Ga.
Garton Toy Co., Sheboygan, Wis.
Gartrell, J. Burgess & Co., contractors, 621 S. Pulaski, Baltimore, Md.
Gartside, Benj. W., Jr., architect, Lane Bldg., Davenport, Ia.
Gartside, W. N., fndry. supplies, Richmond, Ind.
Gartside's Iron Rust Soap Co., 4054½ Lancaster, Phila., Pa.
Garver, Wm. L., architect, Neosho, Mo.
Garvey Bros., contractors, 1911 White Plains rd, New York.
Garvey, James, contractor, New Castle, Ind.
Garvin & Co., cornices, Elkhart, Ind.
Garvin Machine Co., machinery mfrs., 147 Varick, New York.
Garvis, Benj. E., patterns & models & genl. woodwk., 113-115 Mechanic, Newark, N. J.
Garwood Gas Lamp & Heater Co., Canton, Ohio.
Garwood Bronze & Iron Wks., bench legs, boxes, pots, etc., Garwood, N. J.
Gary Construction Co., Gary, Ind.
Gary Fdry. & Mach. Co., East Gary, Ind.
Gary, James S., & Son, cotton duck mfrs., Equitable Bldg., Baltimore, Md.
Gary Motor Truck Co., Gary, Ind.
Gary Sand Lime Brick Co., Hammond, Ind.
Gary Screw & Bolt Co., Gary, Ind.
Gary, Theo. H., Co., chair seats, porch shades, 67 Irving pl, New York.
Garysburg Mfg. Co., Burgaw, N. C.
Gas Age, trade publication, 52 Vanderbilt av, New York.
Gas Appliance Co., The, furnaces, 713 Frankfort av, Cleveland, Ohio.
Gas Consumers' Assn., elec. light fix. mfrs., 467 O'Farrell, San Francisco, Cal.
Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, New York.
Gas Engng. Co., gas apparatus, etc., Trenton, N. J.
Gas Fraction Fdy. Co., Minneapolis, Minn.
Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio.
Gas Power Engng. Co., 213 North av, Milwaukee, Wis.
Gas Record, trade publication, 443H So. Dearborn, Chicago, Ill.
Gasau-Thompson Co., bedstead mfrs., 10 Ashland pl, Bklyn., N. Y.
Gascoigne & Goddard. See Gascoigne & Linenthal, Inc. (successors).
Gascoigne & Linenthal, Inc., bldg. contrs., 43 Tremont, Boston, Mass.
Gascoyne & Co., chemists, 27 S. Gay, Baltimore, Md.
Gaskell, Wm., & Son, bolt, nut & rivet mfrs., 59 Freeman, Brooklyn, N. Y.
GASKET SUPPLY CO., gaskets, washers & sheet metal stampings, 1927 Ludlow, Philadelphia, Pa.
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Gaskin, Edw., naval architect, Buffalo, N. Y.
Gaskins Fdry. Co., New Bern, N. C.
Gasner, Simon, & Sons Co., Inc., plbrs. supplies, 1872 Pitkin av, Brooklyn, N. Y.
Gasoline Engine Equipment Co., electric light plant, 347 Madison av, New York.
Gasparello Bros., granite, Barre, Vt.
Gass, Anthony, cornices & skylights, La Crosse, Wis.
Gass, John, architect, 600 Hastings, Pittsburgh, Pa.
Gass, John H., sash, door & blind mfr., 601 Sackett, Bklyn., N. Y.
Gasser, Chas., contractor, 814 W. Cary, Richmond, Va.
Gassmann, Andrew P., architect, 143 N. Lorel av, Chicago, Ill.
Gassner, A., & Son, contractors, Utica, N. Y.
Gast, A. A., & Son, brick, Akron, Ind.
Gastine Co., gasoline economizers, Bridgeton, N. J.
Gastmeyer, Chas., architect, 1652 Myrtle av, Brooklyn, N. Y.
Gaston Canning Co., Gaston, Ind.
Gaston, G. G., lumber, Tionesta, Pa.
Gaston Mfg. Co., cotton sheeting, Cherryville, N. C.
Gaston, S. B., lbr., Heflin, Ala.
Gastonia Cotton Mfg. Co., Gastonia, N. C.
Gaston's, N. B., Sons Co., pitless scales, Beloit, Wis.
Gaswell Co., acetylene gas generator, 68 Summit av, Brooklyn, N. Y.
Gatchett, A., & Son, contractors, New Philadelphia, Ohio.
Gate City Coffin Co., Atlanta, Ga.
Gate City Fence Works, Atlanta, Ga.
Gate City Fdy. Co., Kansas City, Mo.
Gaterman Mfg. Co., agricultural implements, machsts., Manitowoc, Wis.
Gates, Chas. M., architect, Ideal Bldg., Denver, Colo.
Gates, Ernest H., architect, Twin Falls, Idaho.
Gates, F. C., & Co., mill & facty. supplies, Guyahoga Bldg., Cleveland, Ohio.
Gates Fdry. Co., machsts. & fndrs., Wilkes-Barre, Pa.
Gates, J. J., common brick, Ashland, Ky.
Gates Lumber Co., Wilmar, Ark.
Gates Mfg. Co., auto. tops, Indianapolis, Ind.
Gates, N. S., & Son, cornices, Findlay, Ohio.
Gates, Peace & Co., machsts. & brass fndrs., 665 Manhattan av, Brooklyn, N. Y.
Gates Rubber Co., tires, Denver, Colo.
Gatlin, W. R., architect, Hopkinsville, Ky.
Gatterdam, Fred E., brewery architect, 154 W. Randolph, Chicago, Ill.
Gattis Chem. Co., chemists, Nashville, Tenn.
Gaudalupe Valley Cotton Mills, sheetings, Cuero, Tex.
Gauger, Jno. A., & Co., sash, door & blind mfrs., etc., 1434 W. 22d, Chicago, Ill.
Gauger, Wm., architect, 36 W. Randolph, Chicago, Ill.
Gaul, Hermann, architect, 111 W. Washington, Chicago, Ill.
Gaul Lithographic Co., 440 Pearl, New York.
Gauld Supply Co., see Walworth Mfg. Co. (successor).
Gault, Edw. E., architect, Lafayette, Ind.

Gault, Wm. A., & Son, masons' & bldrs.' matls., 9 E. Lexington, Baltimore, Md.
Gaumer, E. B., & Sons, carriages, Urbana, Ohio.
Gaumont Co., moving picture films, Congress av, Brooklyn, N. Y.
Gaunt, Newton C., architect, 108 Irving, Portland, Ore.
Gaus, Hy., & Sons Mfg. Co., sash, door & blind mfrs., Main & Clinton, St. Louis, Mo.
Gauthier, August, contractor, Hancock, Mich.
Gautier, J. H., & Co., crucible clay & fire brick, gas retorts, etc., 1 Greene, Jersey City, N. J.
Gavigan, Jas. J. F., architect, Grand Central Terminal, New York.
Gavin & Doris, contractors, 273 Grand, Jersey City, N. J.
Gavin Hardware Co., Leominster, Mass.
Gavin, Jos., mattresses, 1133 S. 8th, Philadelphia, Pa.
Gavin Mirror & Art Glass Wks. mfrs., 275 W. Water, Milwaukee, Wis.
Gavin, Stephen J., Lbr. Co., 6500 Easton av, St. Louis, Mo.
Gawthrop, Allen, Jr., hydraulic rams, Wilmington, Del.
Gawthrop, Jos. R., fertilizer mfr., Kennett Square, Pa.
Gay, David S., tow, Winchester, Ky.
Gay, E. L., Mach. Co., auto. tools, Southbridge, Mass.
Gay, Geo. E., machst. & fndr., Augusta, Me.
Gay, Henry Lord, architect, McNeece Bldg., San Diego, Cal.
Gay, J. E., & Co., carriages, Easthampton, N. Y.
Gay Mfg. Co., lamp cord adjusters, Rochester, N. Y.
Gay Oil Co., Little Rock, Ark.
Gay & Proctor, architects, 50 Bromfield, Boston, Mass.
Gay, S. C., Co., spring wagons, Ottawa, Ill.
Gay, Willard W., landscape architect, 70 E. 45th, New York.
Gaydoul Gold Pen Co., 50 John, New York.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Gayle, M. W., & Sons, Inc., masons' & bldrs.' matls., Newport News, Va.
Gayler, Julius F., architect, 15 E. 40th, New York.
Gaylord Bros., bags & bagging, Syracuse, N. Y.
Gaylord & Butler Co., steam fitters' supplies, Scranton, Pa.
Gaylord, Chas. E., mechanical draftsman, Marquette Blk., Chicago, Ill.
Gaylord & Eitepence Co., machinery dealers, mill & facty. supplies, 179 Washington, Binghamton, N. Y.
Gaylord Engineering & Constr. Co., Binghamton, N. Y., & Scranton, Pa.
Gaylord Sanitary Mfg. Co., plumbing fixtures, El Dorado, Kan.
Gayner Glass Wks., glass bottles, Salem, N. J.
Gaynor Contracting Co., wood block paving contrs., Scranton, Pa.
Gaynor Elec. Bulb Manipulator Co., incandescent lamp replacers, 24 Wooster, New York.
Gaynor, J. M. & Co., contrs., Wilkes-Barre, Pa.
Gaynor Mfg. Co., machinists, Bridgeport, Conn.
Gaynor, Michael, brick, 30th & Moris, Philadelphia, Pa.
Gaynor, P. F., brass castings, Albany, N. Y.
Gaysoso Lbr. Co., Memphis, Tenn.
Gayoso Oil Works, Memphis, Tenn.
Gazzam, H. P., Machine Co., machsts. & fndrs., 32d & Penn av, Pittsburgh, Pa.
G. B. Garage & Mfg. Co., valve reseating tools, Hempstead, N. Y.
G. & C., Foundry Co., Sandusky, Ohio.
G. & D. Mfg. Co., machinists, Streator, Ill.
Geaber, Jos. F., & Bro., fertilizer mfrs., Narragansett Pier, R. I.
Geake, Wm., stone producers, Ft. Wayne, Ind.
Gealy, G. M., car wrenches, Grove City, Pa.
Gear Grinding Mach. Co., 2296 E. Gd. Blvd., Detroit, Mich.
Geare, R. W., architect, Woodward Bldg., Washington, D. C.
Gearhart Knitting Mach. Co., tex. machy., supplies, etc., Clearfield, Pa.
Gearhart, Wm. L., & Son, founders, McEwensville, Pa.
Gearing Bros. Co., Ltd., contractors, Penobscot bldg, Detroit, Mich.
Gearless Automatic Pump Co., machinists, Rock Island, Ill.
Geary, Andrew J., plumbers' supplies, jobbers, 9311 Baltimore av, Chicago, Ill.
Geary County Lumber Co., Junction City, Kan.
Geary, Jas., contractor, Perrin Bldg., New Orleans, La
Geary, L. E., naval arch., Pier 1, Seattle, Wash.
Geary Milling & Elevator Co., flour, Geary, Okla.
Geary, W. J., Lbr. Co., Lexington, Ky.
Geauga Silica Sand Co., Schofield Bldg., Cleveland, Ohio.
Gebauer Chem. Co., ethyl chloride, Erie Bldg., Cleveland, Ohio.
Gebhardt Chili Powder Co., canned goods, San Antonio, Tex.
Gebhardt, H. J., machinist, 343 S. Dearborn, Chicago, Ill.
Gebhardt, John, & Son, contractors, 1825 Orchard, Chicago, Ill.
Gebhardt, Morow & Co., contractors, Alpena, Mich.
Gebhart, S. T. & G. A., Co., wholesale hdwe., Dayton, Ohio.
Gebhart-Wiuchet Lbr. Co., Dayton, Ohio.
Gebhart & Schaeffer, architects, U. B. bldg, Dayton, Ohio.
Gebert Shingle Co. (Ltd.), New Iberia, La.
Geddes, Jas., & Co., coffee mills, 353 Market, San Fran., Cal.
Geddes, Jos., vent. mfrs., Rochester, N. Y.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Gedge-Gray Co., paint mixers, Lockland, Ohio.
Gedney, M. A., Co., canned goods, Minneapolis, Minn.
Gedney, Wm. N., contrs., 24 Linwood av, Kansas City, Mo.
Gee, Chas. E., machsts., Lowell, Mass.
Gee Elec. Co., elec. supplies for mines and industrial plants, Wheeling, W. Va.
Gee, John W., & Son, contractors, Syracuse, N. Y.
Geele, F., Hardware Co., Sheboygan, Wis.
Geer, Harry R., Co., 858 McLaren av, St. Louis, Mo.
Geerin Bros. & Co., steam fitters' supplies, 422 E. 8th, Cincinnati, Ohio.
Geesenheimer & Co., chemicals, 134 Cedar, New York.
Geeslin, Jos., contractor, Bellevue, Ky.
Geforer, C., & Son, machsts., 1017 Ridge, Philadelphia, Pa.
Gehl Bros. Mfg. Co., agricultural implements, West Bend, Wis.
Gehr, H. W., machsts. & fndrs., Wadena, Minn.
Geher, Fischer & Co., cornices, 227 S. 2d, Louisville, Ky.
Gehl, M. C., Co., creamery machy., 3002 Meinecke av, Milwaukee, Wis.
Gehlman, F., contr., Springfield, Ill.
Gehnrich Indirect Oven Co., ovens for japanning, enameling, lacquering & drying, Spillman av & Honeywell, Long Island City, N. Y.
Gehres, Anna, stone, 1968 Fillmore av, Buffalo, N. Y.
Gehres Bros., sashes, doors & blinds, Waverly, Ohio.
Gehret Bros., steel struct. wk., Bridgeport, Pa.
Gehron, Jacob, & Sons, contractors, Williamsport, Pa.
Geib, E. L., Machine Co., Akron, Ohio.
Geib, Frank, contractor, Sheboygan, Wis.
Geib, Wm. H., masons' & bldrs.' matls., East Aurora, N. Y.
Geier August, architect, Palm Beach, Fla.
Geier & Bluhm, architects & engineers' instruments & castings, Troy, N. Y.
Geier, P. A., Co., special machinery, etc., Cleveland, Ohio.
Geiffert, Alfred J., landscape architect, 527 5th av, New York.
Geigand, Joseph J., architect, 346 Herman, Buffalo, N. Y.
Geiger, A. M., Cement Co., masons' & bldrs.' matls., Leavenworth, Kans.
Geiger Bros., advtg. spec., 17-23 Nevada, Newark, N. J.
Geiger, J., machinist, Stockton, Cal.
Geiger, J. I., contractor, 1533 Germantown, Dayton, Ohio.
Geiger Lbr. & Mill Co., sash, door & blind mfrs., Mount Carmel, Pa.
Geiger & Peters, archl. iron, Indianapolis, Ind.
Geigy Co., aniline colors, 89 Barclay, New York.
Geijsbeck Engineering Co., Burke Bldg., Seattle, Wash.
Geilfuss, H., & Son, architects, 46 Kearny, San Francisco, Cal.
Geiras Mfg. Co., dies, jigs, tools, etc., 417 E. 156th, New York.
Geis, Gustave, tubular boilers, Kansas City, Mo.
Geis, Jno. H., & Co., masons' & bldrs.' matls., Brooklyn, Md.
Geise Mann Hardware Co., Greenville, Miss.
Geise, Martin J., architect, 800 Main, Quincy, Ill.
Geisel, A., Mfg. Co., sheet metal goods, 219 S. 2nd, St. Louis, Mo.
Geiser, Albert A., architect, 525 New York block, Seattle, Wash.
Geiser, Jos., & Son, contractors, 557 Academy, L. I. City, N. Y.
Geisler Bros., cornices, Dubuque, Iowa.
Geissel, A., & Sons, carriages, 485 N. 3d, Philadelphia, Pa.
Geissel & Richardson, lumber, Ridge av, c Master, Phila., Pa.
Geissler Bros., furnaces, Reading, Pa.
Geissler, Chas. C., show cases, 62 N. 4th, Philadelphia, Pa.
Geissler, Rudolph, glass stainers, 56 W. 8th, New York.
Geister Bros., masons' & bldrs.' matls., Elgin, Ill.
Gelb, J., & Co., second hand machy. dlrs., 203 Centre, New York.
Gelgand, Joseph J., architect, 346 Herman, Buffalo, N. Y.
Gelien & Co., paints, 120 Liberty, New York.
Gelinas, A., & Sons, contractors, Saginaw, Mich.
Geller-Ward & Hasner Hdwe. Co., 414 N. 4th, St. Louis, Mo.
Gelser, L. S. & Son, concrete pipe, Fillmore, N. Y.
Gem City Acet. Generator Co., Dayton, Ohio.
Gem City Boiler Co., 331 Leo, Dayton, Ohio.
Gem City Elev. Wks., Dayton, Ohio.
Gem City Machine Co., machinists, Dayton, Ohio.
Gem City Pattern Wks., Dayton, Ohio.
Gem City Press Brick Co., Quincy, Ill.
Gem City Stove Co., Dayton, Ohio.
Gem City Stove Mfg. Co., Quincy, Ill.
Gem City Trunk Mfg. Co., Quincy, Ill.
Gem Cutlery Co., 11th av & 25th, New York.
Gem Fountain Pen Corp., 59 Pk. pl, New York.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gem Mfg. Co., incubators, Greenville, Ohio.
Gem Mfg. Co. See Allen Mfg. Co. (successors).
Gem Mfg. Co., children's outdoor swings, etc., N. Girard, Pa.
GEM MANUFACTURING CO., "Gem" oil cans—machine, engine & locomotive oilers—scrapers, "Pyramid" torches are best for factories & mines; made of heavy brazed steel—"Gem" flexible shafts, rope or motor driven, Goebel, nr Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book.
Gem Stamped Steel Co., metal stamping & drawings, Chelsea, Mass.
Gem Stopper Co., sheet metal stamping, etc., 2120 Nicholas, Phila., Pa.
Gem Supply Co., dustless dust cloths, Waterbury, Conn.
Gem Toothpick Co., Adrian, Mich.
Gem Wire Fence Co., Pontiac, Mich.
Gemco Mfg. Co., automobile access., Milwaukee, Wis.
Gemmel Bros., stone producers, 902 Catharine, Richmond, Va.
Gemmer Mfg. Co., 740 Merrick, Detroit, Mich.
Gemmi Bros. Co., pearl buttons, 125 N. 5th, Philadelphia, Pa.
Gemmill & Billmeyer, architects, York, Pa.
Gemrig, J. H., & Son, surgical instruments, 109 S. 8th, Philadelphia, Pa.
Gendreau, H. L., architect, Willimansett, Mass.
Gendreau, Hubert L., architect, 736 Grattan Alexander, Chicopee, Mass.
Gendron, A. D., architect, Astoria, Ore.
Gendron Wheel Co., Toledo, Ohio.
General Abrasive Co., emery mfrs., Niagara Falls, N. Y.
General Accident Insurance Co., 421½ Walnut, Philadelphia, Pa.
General Acetylene Co., gas generators, 80 Broadway, New York.
General Adhesive Mfg. Co., Inc., paste, etc., 469 Greenwich, New York.
General Advertising Co., signs, Reading, Pa.
General Aluminum & Brass Mfg. Co., bearings, castings, St. Aubin av, Detroit, Mich.
General American Tank Car Corp., Harris Trust Bldg., Chicago, Ill.
General Apparatus Co., spec. mach'y, Aspinwall, Pa.
General Appraisal Co., 408H Marion, Seattle, Wash.
General Asbestos & Rubber Co., metallic packing, Charleston S. C.
General Bakelite Co., 2 Rector, New York.
General Briquetting Co., 25 Broad, New York.
General Bronze Fdry. Co., 4800 Hamilton av, Cleveland, Ohio.
General Builders' Supply Co., Indianapolis, Ind.
General Building Supply Co., Savannah, Ga.
General Carbonic Co., Bridge, Albany, N. Y.
General Castings Corp., Buffalo, N. Y.
General Ceramics Co., clay & stoneware products, 50 Church, New York.
General Chemical Co., 25 Broad, New York.
General Combustion Co., furnaces, Monadnock Bldg., Chicago, Ill.
General Commercial Co., Ltd., of U. S., imp. materials, colors & chemicals, 295 B'way, New York.
General Compressed Air & Vacuum Machy. Co., pumps, vacuum cleaners, etc., St. Louis, Mo.
General Concrete Construction Co., 431 S. Dearborn, Chicago, Ill.
General Construction Co., Union Trust Bldg., Detroit, Mich.
General Construction Co., Fort Worth, Tex.
General Construction Co., 995 30th, Milwaukee, Wis.
General Construction Co., Gary, Ind.

General Contracting Co., Laconia, N. H.
General Contracting Co., Plymouth Bldg., Minneapolis, Minn.
General Contracting Co., 1218 Chackmaxon, Philadelphia, Pa.
General Contracting Corp., Columbia Bk. Bldg., Pittsburgh, Pa.
General Contracting & Engineering Co., 29 B'way, New York.
General Cooperage & Timber Co., Whitney Central Bldg., New Orleans, La.
General Crushed Stone Co., Easton, Pa.
General Devices & Fittings Co., cable supporting clamps, 803 W. Madison, Chicago, Ill.
General Drop Forge Co., Buffalo, N. Y.
General Eclipse Co., stationers' spec., Danielson, Conn.
General Electric Co., electric lighting plants, etc., Schenectady, N. Y. *See adv index at end of book.*
General Engineering Co., automobiles, Marquette Bldg., Detroit, Mich.
General Engng. Co., machsts., 717 S. Front, Philadelphia, Pa.
General Engng. & Const. Co., contrs., Rockford, Ill.
General Equipt. Co., R. R. equipt., 30 Church, New York.
General Erecting Co., steel struct. wk., Maltbie & West Shore R. R., Syracuse, N. Y.
General Etching & Mfg. Co., advtg. spec., 312-14-16 S. Hamilton av, Chicago, Ill.
General Export & Commission Co., crude rubber, 8 Bridge, New York.
General Filtration Co., filters, Rochester, N. Y.
General Fire Extinguisher Co., automatic fire sprinklers, cast iron pipe & fittings, valves, fire alarms, etc., 275 W. Exchange, Providence, R. I.
General Fireproofing Co., steel office furniture, expanded metal lath, etc., Youngstown, O. *See adv. index at end of book.*
General Fdry. Co., machsts. & brass fndrs., Williamsport, Pa.
General Gas Appliance Co., stoves, ranges, heaters, 103 Park av, New York.
General Gas Electric Co., elec. lgt. plants, Hanover, Pa.
General Gas Light Co., Kalamazoo, Mich.
General Gas Mantle Co., Camden, N. J.
General Glass Mfg. Co., signs, 355 Union Park ct, Chicago, Ill.
General Grinding Wheel Corp., Clementine, Thompson & Mercer, Phila., Pa.
General Hardware Co., whol., 91 Reade, New York.
General Illuminating Co., 47 Greene, New York.
General Incandescent Lamp Wks. of G. E. Co., 214 Electric Bldg., Cleveland, Ohio.
General Insulate Co., insulators, dies, tools, etc., 1008 Atlantic av, Brooklyn, N. Y.
General Iron Works Co., architectural iron, Front & Harriet, Cincinnati, Ohio.
General Insulating & Mfg. Co., compounds & cold storage insulation, Central National Bank Bldg., St. Louis, Mo.
General Iron Works. See Potthoff Constr. Co. (successors).
General Kompolite Co., composition flooring mfrs., 325 Borden av, Long Island City, N. Y.
General Laboratories, disinfectants, Madison, Wis.
General Lead Batteries Co., 4 Lister av, Newark, N. J.
General Leather Co., 414 Frelinghuysen, Newark, N. J.
General Lighting Fixture Co., 28 W. Lake, Chicago, Ill.
General Mach. Co., 3440 Summit av, Toledo, Ohio.
General Mach. Co., 417 E. 156th, New York.
General Mach. & Mfg. Co., dies, jigs, models, etc., Bridgeport, Conn.
General Machy. Co., machy. dlrs., mill & fcty. supplies, Spokane, Wash.
General Mach. Wks., York, Pa.
General Machinery Co., Chattanooga, Tenn.
General Machinery & Supply Co., electrical & transmission machy., 382 Atlantic av, Boston, Mass. *See adv. index at end of book.*
General Machy. & Supply Co., machy. dealers, mill & facty. supplies, 39 Stevenson, San Francisco, Cal.
General Machy. & Supply Co., mill & facty. supplies, Pittsburg, Kan.
General Machy. & Supply Co., mill supplies, 302 B'way, New York.
General Magnesite & Magnesia Co., Dept. H, Venango Balfour & Kingston, Phila., Pa.
General Malleable Co., machsts. & fndrs., Warren, Ohio.
General Manifold & Printing Co., 727 S. Dearborn, Chicago, Ill., & Franklin, Pa.
General Metal Products Co., 2400H So. Jefferson, St. Louis, Mo.
General Mfg. Co., screw mach, prod., Waterbury, Conn.
General Mfg. Co., leather belting & fire extinguishers, 1804 Pine, St. Louis, Mo.
General Motors Corp., machsts. & fudrs, Flint, Mich.
General Motors Truck Co., Pontiac, Mich.
GENERAL NAVAL STORES CO., INC., 90 West, New York; Chicago, Ill., 1236 McCormick Bldg.; Cincinnati, O., 2213 Union Central Bldg.
General Oil Furnace Corp., 233 B'way, New York.
General Oil Wks. Co., lubrg., Indianapolis, Ind.
General Ordinance Co., aeroplane guns & rifles, machsts. & fndrs. Derby, Conn.
General Package Co., box hinging machs., 99 Warren, New York.
General Pattern & Model Co., 215 Centre, New York.
General Petroleum Co., Higgins bldg., Los Angeles, Cal.
General Phonograph Corp., supplies, fishing reels, etc., 25 W. 45th, New York.
General Phonograph Mfg. Co., auto horns, etc., Elyria, Ohio.
General Pipe & Fdry. Co., machsts. & Fndrs., Atlanta, Ga.
General Platers' Supply Co., 489-493 Broome, New York.
General Porcelain Co., Parkersburg, W. Va.
General Pressed Metal Co., stampings, 1524 N. Hancock, Philadelphia, Pa.
General Radio Co., wireless telegraph apparatus mfrs., 11 Windsor, Cambridge, Mass.
General Ry. Signal Co., Rochester, N. Y.
General Refractories Co., bricks, 1512 Chestnut, Philadelphia, Pa.
General Repair Mach. Shop, Hamilton, Ohio.
General Rim Co., St. Mary's Pa.
General Rubber Co., 1790 B'way, New York.
General Screw Co., screw machine products, Cincinnati, O.
General Sheet Metal Works, ventilators, etc., Bridgeport, Conn.
General Slate Co., roofing slate, 148 State, Boston, Mass.
General Specialty Co., boiler tube cleaners, Buffalo, N. Y.
General Spring & Wire Co., 550 Marstun, Detroit, Mich.
General Steel Co., ingots, ft 40th, Milwaukee, Wis.
General Storage Battery Co., 2005 Locust, St. Louis, Mo.
General Supply Co., masons' & bldrs.' & mill & factory supplies, Easton, Pa.
General Supply Co., mill & facty. supplies, Danielson, Conn.
General Supply Co., platers' & polishers' supplies, 1314 St. Clair av, Cleveland, Ohio.
General Supply Co., plumbers' supplies—jobbers, Atlanta, Ga.
General Supply & Construction Co., York, Pa.
General Supply & Equip. Co., plumbers' supplies—jobbers, 207 Hudson, New York.
General Supply & Machy. Co., Meridian, Miss.
General Tire & Rubber Co., Akron, Ohio.
General Utility Co., pumps, air tires, 1326 Ogden, Philadelphia, Pa.
General Vehicle Co., motor wagon mfrs., Borden & star av, Long Island City, N. Y.
General Welding Co., Hoboken, N. J.
General Welding & Equipment Co., 107 Massachusetts av, Boston, Mass.
General Woodwork Co., auto & carriage, 1225 Budd, Cincinnati, Ohio.
Generator Valve Co., carbureters, 47 Dinsmore pl, Brooklyn, N. Y.
Genessee Chemical Co., perchloric acid, Batavia, N. Y.
Genessee Cooperage Co., Elba, N. Y.
Genesee Iron Wks., machsts. & fndrs., Flint, Mich.
Genesee Lime Co., Honeoye Falls, N. Y.
Genesee Lime Co., Lima, N. Y.
Genesee Lumber Co., Genesee, La.
Genesee Metals Co., Rochester, N. Y.
Genesee Optical Co., Rochester, N. Y.
Genesee Plating Wks., Rochester, N. Y.
Genesee Tack Co., Rochester, N. Y.
Genesee Textile Co., Rochester, N. Y.
Genesee Valley Mfg. Co., agric. implts., Mount Morris, N. Y.
Geneseo Canning Co., Geneseo, N. Y.
Geneva Boiler Wks., Geneva, N. Y.
Geneva Canning Co., Geneva, Ohio.
Geneva Cutlery Corp., Geneva, N. Y.
Geneva Fdry. & Mach. Co., Geneva, Ill.
Geneva Mfg. Co., woodenware mfrs., Geneva, Ill.
Geneva Metal Wheel Co., Geneva, Ohio.
Geneva Mill Co., lbr., Geneva, Ala.
Geneva Milling Co., masons' & bldrs.' matls., Geneva, Ohio.
Geneva Preserving Co., canned goods, Geneva, N. Y.
Geneva Tractor Co., Geneva, Ohio.
Geneva Wagon Co., Geneva, N. Y.
Gennert, G., cameras, moving picture machs., 24 E. 13th, New York.
Genovese Bros., contractors, 290 W. Main, Stamford, Conn.
Gens, Chas., Jr., architect, 1015 E. 2nd, Brooklyn, N. Y.
Genseke, Merman, soap, Streator, Ill.
Gensel, Frederick, & Co., founders, 911 Vine, Philadelphia, Pa.
Gensman Bros. & Co., wholesale hardware, Enid, Okla.
Gent, Wm., Vending Mach. Co., weighing machy., etc., 846 E. 93rd, Cleveland, Ohio.
Genter, J. H., Co., projection screens, Newburgh, N. Y.
Genfile Bros., contractors, 617 Abbott rd, Buffalo, N.
Gentz, A. G., canned goods, Lineboro, Md.
Gentz Bros., contractors, Grand Rapids, Mich.
Genuine Washington Slate Co., Slatington, Pa.
Genung, C. W., agricultural implements, machinist, Madison, O.
Geographical Publishing Co., 621 Plymouth, Chicago, Ill.
Geometric Stamping Co., 221 E. 131st, Cleveland, Ohio.
Geometric Tool Co., New Haven, Conn.
George, A. H., Co., fertz. mfrs., Meridian, Miss.
George & Barker Salmon Packing Co., Point Roberts, Wash.
George & Borst, contractors, 277 S. 11th, Philadelphia, Pa.
George Bros., machinists, Grass Valley, Cal.
George Bros. & Co., Winchester, Ky.
George Bros., Griffith Co., rubber stamps, Lincoln, Neb.
George, Claude, Co., machy. dlrs., Omak, Wash.
George & Co., meat packers, 404 S. Charles, Baltimore, Md.
George, E. A., architect, American Nat'l Bank Bldg., Shreveport, La.
George, E. J., flour, Lexington, S. C.
George, J. R., & Bro., canned goods, Irvington, Va.
George, M. & R. L., machinists, New Lisbon, N. Y.
George & MacLucas, architects, Lemcke Annex, Indianapolis, Ind.
George & O'Connor Co., contractors, 207 Market, Newark, N. J.
George, R. W., flour, Francisco, N. C.
George, Richard A., architect, 69 Genesee, Utica, N. Y.
George, S., Co., paper & pulp mills, Wellsburg, W. Va.
George & Sherrard Paper Co., Wellsburg, W. Va.
George, Thomas J., architect, 32 Nassau, New York.
George Washington University, engng. schools & coll., Washington, D. C.
George, Wm. H., contractor, Atlanta, Ga.
George's Creek Coal Co., Cumberland, Md.
Georgeson, F. T., architect, Eureka, Cal.
Georgi, Edwin C., architect, Woodhaven, Long Island, N. Y.
Georgia Agricultural Wks., see Centennial Cotton Gin Co. (successors).
Georgia Belle Fertilizer Co., Newnan, Ga.
Georgia Brick & Tile Co., Adairsville, Ga.
Georgia Car & Locomotive Co., Atlanta, Ga.
Georgia-Carolina Brick Co., Augusta, Ga.
Georgia-Carolina Lumber Co., Pottsville, Pa.
Georgia Chemical Wks., fertilizer mfrs., Augusta, Ga.
Georgia Fertilizer Co., Nashville, Tenn.
Georgia Fertilizer & Oil Co., Valdosta, Ga.
Georgia Handle Co., Savannah, Ga.
Georgia Hardware Co., wholesale, Brunswick, Ga.
Georgia Iron Works, supplies, Augusta, Ga.
Georgia Kaoline Co., Macon, Ga.
Georgia Lumber Co., Bluefield, W. Va.
Georgia Mfg. Co., fertilizer, Camilla, Ga.
Georgia Marble Co., Tate, Ga.
Georgia Marble Finishing Wks., Canton, Ga.
Georgia Milling Co., flour, Fort Valley, Ga.
Georgia Paint & Glass Co., Atlanta, Ga.
Georgia Paving & Constr. Co., Columbus, Ga.
Georgia-Peruvian Ochre Co., clays, 165 B'way, New York.
Georgia Phosphate Co., Athens, Ga.
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York.
Georgia Plow & Fdry. Co., Athens, Ga.
Georgia Products Co., fertilizer mfrs., Fort Gaines, Ga.
Georgia Quincy Granite Co., Macon, Ga.
Georgia School of Technology, arch. & engng. schools, Atlanta, Ga.

Georgia Ship Building Co., Savannah, Ga.
Georgia Supply Co., mill & facty. supplies, Savannah, Ga.
Georgia Supply House, mill & facty. supplies, Griffin, Ga.
Georgia Syrup Co., Atlanta, Ga.
Georgia Talc Co., crayon, Asheville, N. C.
Georgia Veneer & Package Co., Brunswick, Ga.
Georgia Vitrified Brick & Clay Co., Augusta, Ga.
Georgia Webbing & Tape Co., Dept. H, Columbus, Ga.
Georgs, C. W., Mfg. Co., sashes, doors & blinds, Beaumont, Tex.
Geraghty Bros. Elevator Co., 416 S. 6th, St. Louis, Mo.
Geraghty & Co., badges & buttons, 3035-37 W. Lake, Chicago, Ill.
Gerard, Michael, machsts. & fndrs., Cissna Park, Ill.
Gerber, A. F., Stone Co., 153 Ridgewood av, Newark, N. J.
Gerber, Arthur W., architect, 72 W. Adams, Chicago, Ill.
Gerber, Fred, architect, 131 E. 87th, New York.
Gerber, J. J., cornices & skylights, 128 6th av, S., Minneapolis, Minn.
Gerber, Louis, & Son, mining mach. picks, 66 Walter av, Pittsburgh, Pa.
Gerbig, J. C., & Son, soap, Chambersburg, Pa.
Gerdau, Otto, Co., rattans, 83 Murray, New York.
Gerdes & Co., machinery mfrs., 42 Church, New York.
See av index at end of book.
Gerdes, T. N., window ventilators, 105 Bank, New York.
See adv index at end of book
Gerding & Aumann, cornices, Ft. Wayne, Ind.
Gerding Bros., machsts., 3rd & Main, Cincinnati, Ohio.
Gerding, Geo. W., traveling bags, 405 Commerce, Phila., Pa.
Gereke-Allen Cartoon Co., paper folding boxes, etc., Chouteau, St. Louis, Mo.
Geretz, Martin, architect, Lexington, Ky.
Gerhard, E. C., Bldg. Co., Post Dispatch bldg, St. Louis, Mo.
Gerhard, F. J., drain tile, 110 Belmont av, Newark, N. J.
Gerhard, G. L., & Son, architects, 619 Penn, Reading, Pa.
Gerhardstein Bros., brick & tile, Bellevue, Ohio.
Gerhardt, C., brooms, brushes, cleaners, 591 Hudson, New York.
Gerhardt, Paul, architect, Garrick bldg, Chicago, Ill.
Gerkensmyer, H., brick, Martin, Ohio.
Gerkin, J. D., & Co., cornices & skylights, Toledo, Ohio.
Gerlach, H. C., architect, Mankato, Minn.
Gerlach, J. H., loose leaf devices, College Point, N. Y.
Gerlach, Peter, Co., barrel, stave & heading machinery, 1712 Winter, Cleveland, Ohio.
Gerline Brass Fdry. Co., Kalamazoo, Mich.
Gerling Toy Co., 64 Grand, New York.
Gerlinger Steel Casting Co., steel castings, West Allis, Wis.
Gerloch, H. W., machsts. & fndrs., Huntingdon, Pa.
Gerloff, Sylvester, architect, New Monroe Bldg., Norfolk, Va.
Germain & Boyd Lbr. Co., Saginaw, Mich.
Germain Co., lumber, Farmers' Bank Bldg., Pittsburgh, Pa.
Germain, Louis, naval architect, Saginaw, Mich.
Germain Piano Co., Saginaw, Mich.
Germain Seed & Plant Co., 560 Main, Los Angeles, Cal.
Ger.-Am. Bronze Powder Mfg. Co., 38 W. 32d, New York.
German-Am. Button Co. See Art in Button Co., Inc. (successor).
German-Am. Cinematograph & Film Co., 219 2d av, New York.
German-Am. Glass Wks., see Diamond Specialty & Supply Co. (successors).
German-Am. Lbr. Co., Rochester, N. Y.
German-Artistic Weaving Co., 141 W. 36th, New York.
German-Compound Co., boiler compounds, 20 N. Market, Boston, Mass.
German, Howard W., architect, Schwind Bldg., Dayton, Ohio.
German & Jenssen, architects, Exchange bldg., Duluth, Minn.
German Rock Asphalt Co., Morgan Bldg., Buffalo, N. Y.
Germania Cedar Wks., pencil timber, Christiana, Tenn.
Germania Imptg. Co., linoleum mfrs., 41 Union sq, New York.
Germania Knitting Wks., 440 Canal, New York.
Germania Mills, flour, Fredericksburg, Va.
Germania Supply & Fdry. Co., Covington, Ky.
Germanow, Simon Mach. Works, vises, 58 Mill, Rochester, N. Y.
Germantown Milling Co., flour, Germantown, Ky.
Germantown Steam Co., heating contrs., 349 W. Hortter, Philadelphia, Pa.
Germantown Tool Wks., see Griffith Tool Wks. (successors).
Germer Stove Co., Erie, Pa.
Germproof Cup Mach. Co., Inc., 136 Liberty, New York.
Gernandt, W. F., architect, Keeline bldg, Omaha, Neb.
Gernert Bros. Lbr. Co., Louisville, Ky.
Gernshyn, Hy., & Bro., sweaters, cardigans, etc., 32 Stockton, Brooklyn, N. Y.
Gernt, Hugo & Arthur, lbr., Gernt, Tenn.
Gerock Bros. Mfg. Co., zinc castings, cornices, metal doors, etc., 1252 S. Vandeventer av, St. Louis, Mo.
Gerold, Frank Co., barrels, 453 N. Green, Chicago, Ill.
Geronimo Motor Co., auto bldrs., Enid, Okla.
Gerow, Emma, pckg. box mfrs., 450 11th av, New York.
Gerrard, Barclay Granite Co., Barre, Vt.
Gerrard Wire Tying Machines Co., Inc., box strapping machs, 538 S. Dearborn, Chicago, Ill.
Gerrick & Gerrick Co., steel structural work, Seattle, Wash.
Gerrish Dredging Co., 101 Tremont, Boston, Mass.
Gerritsen, Henry, architect, Garfield, N. J.
Gerry, F. R., Co., sash, door & blind, 1835 Market, Phila., Pa.
Gerry, Geo., & Son, textile machinery, supplies, Athol, Mass.
Gersix Mfg. Co., autos, Seattle, Wash.
Gersmann, Rudolf, arch'l iron, 1431 Bryant av, New York.
Gerson & Carey, brass castings, Lansing, Mich.
Gerson, I., & Son, scrap iron & steel, Toledo, Ohio.
Gerson, Sam'l, scrap iron, Coatesville, Pa.
Gerst Bros. Mfg. Co., machsts. & fndrs., 800 Cass av, St. Louis, Mo.
Gerstein Bros. & Cooper, coppersmiths, etc., 3 W. 3d, S. Boston, Mass.
Gerstendorfer Bros., enamels, paints, furniture polish, etc., 221 E. 42d, New York.
Gerstenslager Co., carriages, Wooster, Ohio.
Gerstner, A. W., Co., wholesale hdwe., 634 8th av, New York.
Gerstner, H., & Sons, tools, cases & chests, Dayton, Ohio.
Gertig, E. A., contractor, Albuquerque, N. M.
Gerts, Lumbard & Co., varnish & paint brushes, 154 W. Randolph, Chicago, Ill.
Gervais, Henry, contrs., 1727 Mission, San Francisco, Cal.
Gery & Peters, contractors, Allentown, Pa.
Gerwig, Jacob F., architect, 1028 N. Fulton av, Baltimore, Md.
Gescheidt, Jacob Co., architects, 142 E. 43rd, New York.
Geske, C., & Co., dock bldrs. & contrs., Seattle, Wash.
Gessner, David, Co., textile machy., Worcester, Mass.
Gesswein, F. W., Co., jewelers' machy., etc., 16 John, New York.
Gesswein, Paul H., & Co., watchmakers' tools, 35 Maiden la, New York
Gest, G. M., underground conduits, 237 B'way, New York.
Gestring Wagon Co., 1718 N. B'way, St. Louis, Mo.
Getchell, Seth S., & Son, mill & facty. supplies, tin cylinders, Woonsocket, R. I.
Gethmann Brick Co., Gladbrook, Ia.
Getman & Judd Co., lumber, Stamford, Conn.
Gette, O., architect, 103 Park av, New York.
Gettier Studios, glass stainers, 855 N. Howard, Baltimore, Md.
Gettings Bros., contractors, Mansfield, Ohio.
Gettings-Kopitke Co., contractors, Masby bldg., Toledo, Ohio.
Getty, F. I., machinist, Jennings, La.
Getty, Hugh, contractor, 359 W. 26th, New York.
Gettys, M. E., Co., lbr., Jeffersonville, Ga.
Gettys, M. H., contractor, Harrisburg, Pa.
Getz, M., & Co., bakers' & confectioners' supplies, 162 First, San Francisco, Cal.
Getz Power Washer Co., clothes washing machines, Morton, Ill.
Getz-There Soap Co., Conshohocken, Pa.
Getz, W. F., architect, Lancaster, Ohio.
Getzen, J. C., turpentine, Webster, Fla.
Geuder, Paeschke & Frey Co., pressed steel parts, 1314-1790 St. Paul, Milwaukee, Wis. *See adv. index at end of book.*
Geving Bros., machsts., Lake Mills, Iowa.
Geyer, Ed. J., tailors' pressing machs., Rochester, N. Y.
Geyer, John, sash, door & blind mfrs., Prescott, Wash.
Geyer's Stationer, trade publication, 318 B'way, New York.
Geyler Furn. Co., Dept. H, Hillsboro, Md.
Geyser Elec. Co., washing mach., 5008 Bloomingdale av, Chicago, Ill.
Gfell, John H., & Co., mill, facty. & plumbers' supplies, jobbers, Norwalk, Ohio.
Ghent Canning Co., Ghent, Ky.
Ghent Mfg. Co., grain separators, Ghent, Minn.
Ghirardi, P. B., architect, Morgan City, La.
Gholstin Spring & Mattress Co., Atlanta, Ga.
Gholston Bros., masons' & bldrs.' matls., Comer, Ga.
Ghriskey's, Chas. M., Sons, wholesale hdwe., 508 Commerce, Philadelphia, Pa.
Giannini, G. W., mill & Facty. supplies, 437 W. 42d, New York.
Giannini & Hilgart, glass stainers, 222 W. Madison, Chicago, Ill.
Giant Furn. Co., Dept. H, High Point, N. C.
Giant Grip Horse Shoe Co., Oshkosh, Wis.
Giant Mfg. Co., pipe pushers & textile machy., Council Bluffs, Iowa.
Giant Portland Cement Co., Penn bl, Philadelphia, Pa.
Giant Powder Co., dynamite, powder and explosives Mfrs., San Francisco, Cal.
Giaver & Dinkelberg, archits, 80 E. Jackson blvd, Chicago, Ill.
Gibb, Arthur N., architects, Trust Co. Bldg., Ithaca, N. Y.
Gibb, Frank W., & Co., architects, Little Rock, Ark.
Gibb Instrument Co., pyrometers, Highland Bldg., Pittsb'h, Pa.
Gibb, Wm. R., architect, 160 W. Jackson blvd., Chicago, Ill.
Gibbens-Finney-Gordon Co. See Standard Supply Co. of New Orleans, La. (successor).
Gibbins, T. C., lumber, Washington, La.
Gibboney, A. R., & Co., blankets, flannels, woolen, Reedsville, Pa.
Gibboney, Jacob, lumber, Bradford, Ohio.
Gibbons, A. J., Metropolis, Ill.
Gibbons, E. F., architect, Erie Bldg., Cleveland, Ohio.
Gibbons, Edward, contractor, 203 Montgomery av, Providence, R. I.
Gibbons, Ernest A., Co., mill & facty. supplies, 27 Montgomery, Jersey City, N. J
Gibbons, J. E., stone producers, Williamsport, Pa.
Gibbons, Jno. V., mill & facty. supplies, 133 Greenwich, New York.
Gibbons, M. J., Supply Co., plumbers' supplies, jobbers, Dayton, Ohio.
Gibbons Mach. & Fdry. Co., Des Moines, Ia.
Gibbons, Martin, contractor, Dunmore, Pa.
Gibbons, N. L., steam heaters, Norristown, Pa.
Gibbons, Patrick F., contractor, Scranton, Pa.
Gibbons, Robt. E. architect, 1116 N. 9th, Terre Haute, Ind.
Gibbons & Stone, pianos, Rochester, N. Y.
Gibbs Bros., machinists, Commerce, Ga.
Gibbs-Brower Co., angle straightening machs., 261 B'way, New York.
Gibbs, Chas. E., machsts., Honesdale, Pa.
Gibbs, Chas. M., contrs. tents, Syracuse, N. Y.
Gibbs, Fred W., contractor, Montclair, N. J
Gibbs Gas Engine Co of Fla., Jacksonville, Fla.
Gibbs Heddle Co., tex. machy., Leicester, Mass.
Gibbs, Mrs. J. L., lumber, Mayfield, Mich.
Gibbs, John, contractor, Carbondale, Pa.
Gibbs, John W., contractor, Morgan Bldg., Buffalo, N. Y.
Gibbs, L. Y., Son & Co., fertilizer, Savannah, Ga.
Gibbs Loom Harness & Reed Co., tex. machy., supplies, Clinton, Mass.
Gibbs Mfg. Co., toy mfrs., Canton, Ohio.
Gibbs Preserving Co., 2301 Boston, Baltimore, Md.
Gibbs & Pulsifer, architects, Lewiston, Me.
Gibbs & Sanders, masons' & bldrs.' matls., Albion, Mich.
Gibbs, W. F., Mfg. Co., handles, name plate & organ stop knobs, New Haven, Conn.
Gibbs, W. H., & Co., cut glassware, Stroudsburg, Pa.
Gibbs, Wm. H., Cornices and skylights, 2498 W. Pico, Los Angeles, Cal.
Gibbud, M. J., Co., contractors, 107 Water, New Haven, Conn.
Gibby Foundry Co., steam heaters, 96 Condor, E. Boston Mass.
Giberson, E. D., & Co., mill & facty. supplies, 52 B'way, New York.
Gibey Tire & Rubber Co., 215 N. Broad, Philadelphia, Pa.
Gibford Specialty Co., razor stroppers mfrs., 217 W. Grand av Chicago, Ill.
Gibford-Weiffenbach Co., knives, Adrian, Mich.
Giblin & Co., machsts. & fndrs., Utica, N. Y.
Giblin, Peterson & Screen, contra., 39 S. La Salle, Chicago, Ill.
Gibney Iron & Steel Co., Phillipsburg, N. J.
Gibney Tire & Rubber Co., Conshohocken, Pa.
Gibout, L. E., sash, door & blind, Menominee, Mich.
Gibraltar Concretile Co., Indianapolis, Ind.
Gibraltar Knitting Mills, 1010 W. 12th, Chicago, Ill.
Gibsland Oil Mills & Fertilizer Co., Gibsland, La.

Gibson, A. C., Co., steel stamps, rubber type, stencils, etc., Buffalo, N. Y.
Gibson, Albert J., architect, Missoula, Mont.
Gibson Art Co., advtg. post cards, 416 Elm, Cincinnati, Ohio.
Gibson, B. K., architect, 608 S. Dearborn, Chicago, Ill.
Gibson Bros. Mfg. Co., cocks & bibbs, N. Chicago, Ill.
Gibson Canning Co., Gibson City, Ill.
Gibson & Cole, contractors, Pendleton, Ore.
Gibson Co., carbon removers, 424 N. Capitol blvd., Indianapolis, Ind.
Gibson Co., Inc., surgical instr., 310 Eutaw, Baltimore, Md.
Gibson, David, machst. & fndr., Waterloo, Ia.
Gibson, G. N., & Son, lumber mfrs., West Stockholm, N. Y.
Gibson, G. P., & Son, lbr. mfrs., 468 Genesee, Utica, N. Y.
Gibson, Geo. H. Co. (advertising counsellors for steam and mechanical engineering, etc.), 100 Gold, New York.
Gibson, H. B., Co., millers, 123 Liberty, New York.
Gibson, Hollister Mfg. Co., auto lamps, spark plugs, etc., Springfield, Mass.
Gibson-Homans Co., paint mfrs., 2366 Woodhill rd, S. E., Cleveland, Ohio.
Gibson Iron Works, machsts. & fndrs., Gibson City, Ill.
Gibson Iron Wks. Co., blowers, kettles, etc., 168 1st, Jersey City, N. J.
Gibson, J. A., contractor, 1611 Fort, W, Detroit, Mich.
Gibson, J. L., masons' & bldrs.' matls., North Conway, N. H.
Gibson & King, contrs., Warren, Pa.
Gibson & Kirk Co., machsts. & fndrs., 217 Key Highway, Baltimore, Md.
Gibson & Knopp, contrs., Uniontown, Pa.
Gibson Mfg. Co., warm air furnaces, 415 Niles, Waterloo, Iowa.
Gibson Musical String Co., Belleville, N. J.
Gibson, Porter E., contractor, Cambridge, Ohio.
Gibson & Price Co., lead pipe, Sweetland Bldg., Cleveland, Ohio.
Gibson Refrigerator Co., Greenville, Mich.
Gibson, Richard, contractor, 65 Long Wharf, Boston, Mass.
Gibson & Robertson, architects, Herald Bldg., El Paso, Tex.
Gibson Slide Rule Co., Niles, Mich.
Gibson, W. E., sash, door & blind mfr., 3527 Market, Phila., Pa.
Gibson-Whitaker Co., lbr., Memphis, Tenn.
Gibson, Wm. D., Co., springs, 1800 Clybourn av, Chicago, Ill.
Gibsonite Constr. Co., Dallas, Tex.
Gichner, Ernest, cornices & skylights, 1107 E, N. W., Waterbury, D. C.
Gichner, Fred S., founders, 1214 D, N. W., Washington, D. C.
Giclas, H. J., cornices & skylights, 1134½ S. W., Washington, D. C.
Giddings, Burt & Sons, fertilizer mfrs., Baldwinsville, N. Y.
Giddings & Lewis Mfg. Co., machsts. & fndrs., Fond du Lac, Wis.
Gideon-Anderson Lbr. & Merc. Co., Gideon, Mo.
Gideon Cooperage Co., 812 Olive, St. Louis, Mo.
Gideon, Samuel Edward, archit., University of Texas, Dept. Architecture, Austin, Tex.
Gidon, Jos. E., auto. lamps, 794 10th av, New York.
Giebisch & Joplin, contractors, Rothchild Bldg., Portland, Ore.
Giele, Louis H., architect, 1123 Broadway, New York.
Gielow & Orr, naval architects, 52 B'way, New York.
Gier, E. F., architect, Conrad, Ia.
Gier, E. F., architect, Des Moines, Iowa.
Gier, F. B., & Co., contractors, 517 Riddle rd, Cincinnati, Ohio.
Gier Pressed Steel Co., steel stampings, Lansing, Mich.
Gierhart, J. B., architect, Huntington, Ind.
Gies Gear Co., Boydell Bldg., Detroit, Mich.
Gies, Rowland C., architect, David Whitney Bldg., Detroit, Mich.
Giese, Frank, stone, Viaduct & Big 4, Cincinnati, Ohio.
Giese Mfg. Co., metal spinning, 260 S. 5th, Philadelphia, Pa.
Giesen, Wm. A., architect, 316 W. 42nd, New York.
Giesey, M. F., architect, German Bk. Bldg., Wheeling, W. Va.
Gieske, J. R., architect, Ceredo & Huntington, W. Va.
Gieske, Walter M., architect, Gunther Bldg., Baltimore, Md.
Giesler & Co., machsts. & fndrs., Muscatine, Ia.
Giessing Milling Co., flour, Farmington, Mo.
Gifford, A. W., Co., hdwe. mfrs., Worcester, Mass.
Gifford, C. M., & Son, canned goods, San Diego, Cal.
Gifford, Chas. A., architect, 60 Park pl, New York.
Gifford Engine Co., Lansing, Mich.
Gifford, H. L., architect, Rookery bldg, Seattle, Wash.
Gifford, Jno. A., & Son, whol. hdwe., 25 Park pl, New York.
Gifford, Prince, sash, door & blind mfrs., Wareham, Mass.
GIFFORD-WOOD CO., machsts. & fndrs., Hudson, N. Y.
Gift, J. W., & Co., flour mills, Peoria, Ill.
Gigrich, A. A., & Co., umbrella sticks, Amityville, N. Y.
Giguere, Peter C., & Son, contractors, 410 7th av., N. E., Minneapolis, Minn.
Gila Valley Milling Co., flour, Safford, Ariz.
Gilb, V., & Son, machsts. & fndrs., Birmingham, Ala.
Gilbane Building Co., Calverley, Providence, R. I.
Gilbert, A. C., Co., elec. portable fans, Fox, New Haven, Conn.
Gilbert, A. F., architect, 80 Maiden la, New York.
Gilbert, A., & Sons, newspaper files & specialties (wood), Derby, Conn.
Gilbert, A., & Sons Brass Foundry Co., 4019 Forest Pk. Blvd., St. Louis, Mo.
Gilbert & Barker Mfg. Co., oil storage systems for mills, factories, railways, mines, etc., hand and power-driven self-measuring and non-measuring pumps; storage tanks, fuel oil-burning equipment, gas & oil fired furnaces for hardening, tempering, annealing, etc., Springfield, Mass.
Gilbert & Bennett Mfg. Co., wire brushes, lath stretchers, cloth, etc., Georgetown, Conn.
Gilbert, Calvin, machsts. & fndrs., Gettysburg, Pa.
Gilbert, Chas., architect, 11 E. 24th, New York.
Gilbert, Chas. P. H, architect, 1124 Broadway, New York.
Gilbert & Co., gauge glass gaskets, Hyattsville, Md.
Gilbert, E. T., Mfg. Co., brushes, cleaners, etc., Rochester, N. Y.
Gilbert, Earl R., architect, 396 Grant, Atlanta, Ga.
Gilbert, Frank, Paper Co., Waterford, N. Y.
Gilbert, Fred H., contr., Jewett City, Conn.
Gilbert, G. W., & Son, cornices, Detroit, Mich.
Gilbert, Geo. H., architect, 109 Fulton av, Hyde, Ill.
Gilbert, Geo. W., contractor, York, Pa.
Gilbert-Grant Co., mfrs. cranes, hoists, winches & windlasses, Grand Central Terminal, New York.
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Gilbert, H., & Son, whol. hdwe., 400 S. 2d, Harrisburg, Pa.
Gilbert, Harry W., masons' & bldrs.' matls., Hatchinson & Venaugh, Philadelphia, Pa.
Gilbert, Hedge Lumber Co., Burlington, Ia.
Gilbert, J. L., & Bro., Lbr. Co., East Falls & Eastern avs, Baltimore, Md.
Gilbert, J. O., Furn. Co., Dept. A., Wichita, Kans.
Gilbert, John, contr., Viola, Ill.
Gilbert Knitting Co., sweaters, cardigans, etc., Little Falls, N. Y.
Gilbert, L. B., bldg. contr., Madison, Wis.
Gilbert Mfg. Co., carbureters, auto. tire holders, etc., New Haven, Conn.
Gilbert Mill Supply Co., 50 Exchange Pl, Providence, R. I.
Gilbert & Nichols Co., buckwheat & rye flour, Fulton, N. Y.
Gilbert Paper Co., Menasha, Wis.
Gilbert, Perley F., architect, 53 Central, Lowell, Mass.
Gilbert Trunk Factory, Birmingham, Ala.
Gilbert, V. P., contractor, 453 S. Spring, Los Angeles, Cal.
Gilbert, W. L., Clock Co., Winsted, Conn.
Gilbert Wall Paper Co., York, Pa.
Gilbert, Wright L., contractor, 133 Chambers, New York.
Gilbertson, J., cornices & skylights, Bayonne, N. J.
Gilbreth, G. W., & Co., contractors, 606 S. Hill, Los Angeles, Cal.
Gilchrist, A. D., architect, Rock Hill, S. C.
Gilchrist Co., hdwe. mfrs., 236 Bank, Newark, N. J.
Gilchrist, David D., contractor, Summit, N. J.
Gilchrist, Edmund B., architect, 1627 Sansom, Philadelphia, Pa. Pa.
Gilchrist-Fordney Co., lumber, Laurel, Miss.
Gilchrist, Geo. B., Co., mill, facty. & plumbers' supplies—jobbers, 106 High, Boston, Mass.
Gilchrist, H. D., architect, Frick Bldg., Pittsburgh, Pa.
Gilchrist, James, contr., 233 Stevenson, San Francisco, Cal.
Gilchrist, John G., founders, South Bend, Wash.
Gilchrist, M. D., masons' & bldrs.' matls., Oskaloosa, Ia.
Gilchrist, Robt., Co., manganese dioxide carbon, Elizabeth, N. J.
Gilchrist, W. Irwin, steam fitters' supps., 681 Market, San Francisco, Cal.
Gilcrest, F. H., Lumber Co., Kearney, Neb.
Gilcrest, J. K. & W. H., Co., lumber mfrs., Des Moines, Ia.
Gildard, W. H., architect, Knoxville, Tenn.
Gildersleeve Ship Building Co., Gildersleeve, Conn.
Gile, J. M., architect, Pueblo, Colo.
Gile Tractor & Engine Co., gas engines, Ludington, Mich.
Giles, Albert E., brick, Peoria, Ill.
Giles, Alfred, Co., architect, F. Bldg., San Antonio & Laredo, Tex.
Giles Bay Lbr. Co., Florence, S. C.
Giles Drilling Co., Inc., core boring contrs., 30 Church, New York.
Giles Lbr. Co., Darrington, Wash.
Giles & Nielsen Nickel Wks., ice cream dishes, spoons, etc., Troy, N. Y.
Giles, Son & Hubbard, flour mills, Toshes, Va.
Gilfillan, F. C., machinists, Ebenezer, N. Y.
Gilger, Frank B., plbrs. supplies, San Jose, Cal.
Gilinson, E. C., architect, Torrey Bldg., Duluth, Minn.
Gilkerson Construction Co., 26 Richards, Salt Lake City, Utah.
Gilkey, Jarboe, Hardware Co., Chickasha, Okla.
Gill-Andrews Lbr. Co., Wausaw, Wis.
Gill Bros. Co., lamp globes & chimneys, Steubenville, Ohio.
Gill, C. P., & Co., granite, Montpelier, Vt.
Gill Clay Pot Co., Muncie, Ind.
Gill & Co., lamp reflectors, globes, etc., E. York & Thompson, Philadelphia, Pa.
Gill, D. A., mill & facty. supplies, Meadville, Pa.
Gill, David, Jr., masons' & bldrs.' matls., Kingston, N. Y.
Gill, Howard W., fertilizer mfrs., Avalon, Va.
Gill, John M., cornices, Waterbury, Conn.
Gill, Jno. N., & Co., contractors, 1215 Filbert, Philadelphia, Pa.
Gill, John P., contractor, Princeton, N. J.
Gill, Jno., & Sons Co., contractors, Citizens' Bldg., Cleveland, O.
Gill Lumber Co., Hippodrome Bldg., Cleveland, Ohio.
Gill Mfg. Co., mining picks, Phillipsburg, Pa.
Gill Mfg. Co., piston rings, 8300 S. Chicago av, Chicago, Ill.
Gill & Mulholland, masons' & bldrs.' matls., Jacksonville, Fla.
Gill, P. H., & Sons, machinists, 2 Lorraine, Brooklyn, N. Y.
Gill Railway Supply Co., Peoria, Ill.
Gill, Rudolph Z., architect, Moweaque, Ill.
Gill, Thos., Soap Co., 711 Kent av, Brooklyn, N. Y.
Gill, W. E., machsts. & fndrs., Lake Geneva, Wis.
Gillam, H. C., mill & facty. supplies, Centralia, Wash.
Gillam, M. M., elec. illuminated signs, 110 W. 34th, New York.
Gillaspie, J. W., canned goods, Bedford, Va.
Gille Mfg. Co., tinware mfrs., 1423 W. 9th, Kansas City, Mo.
Gillen, Chambers Co., gaskets, pipe & boiler coverings (asbestos), etc., 66 N. Front, Portland, Ore.
Gillen, Edw., Dock, Dredge & Const. Co., contrs., Racine, Wis.
Gillen, Edw. E., Co., bldg. contrs. & dock bldrs., Wells Bldg., Milwaukee, Wis.
Gillen, Edw. G., dredging contrs., ft. Nock, Milwaukee, Wis.
Giller, Louis, architect, 395 Broadway, New York.
Gilles, Campbell Co., contractors, 101 Park av, New York.
Gillespie, Adam, contractor, Greenfield, Ind.
Gillespie Bros. & Co., crude rubber, 11 B'way, New York.
Gillespie & Carrel, architects, 1123 Broadway, New York.
Gillespie, Chas. H., archit., 149 Broadway, New York, sey City, N. J.
Gillespie, D. L., & Co., lumber, Oliver Bldg., Pittsburgh, Pa.
Gillespie & Daly, contractors, International Life Bldg., St. Louis, Mo.
Gillespie, E. W., machy. dlrs., Knoxville, Tenn.
Gillespie, Earl A.; sash, door & blind mfrs., Ozone Park, N. Y.
Gillespie Edw. Corp., clothes washing machy., 50 Church, New York.
Gillespie, G. Curtis, architect, 19 Liberty, New York.
Gillespie, Jas., lumber mfr., North Tonawanda, N. Y.
Gillespie, Jno., Lbr. Co., sash, door & blind mfrs., W. 22d & Laflin, Chicago, Ill.
Gillespie, L. C., & Sons, oils, 6 Fletcher, New York.
Gillespie, Lowell, contractor, Danville, Ill.
Gillespie Machine Co., stamping dies, Phipps Pr. Bldg., Pittsburgh, Pa.
Gillespie Mfg. Co., machsts. & fndrs., 810 Brocket, Pittsburgh, Pa.
Gillespie, T. A., Co., contractors, 50 Church, New York.
Gillespie, W. D., architects, Fargo, N. D.
Gillet, Eaton & Squire, machinists, Lake City, Minn.
Gillett Building Supply Co., sash, door & blind mfrs., Gillett, Wis.
Gillett Canning Co., Gillett, Wis.
Gillett, Charles A., canned goods, Auburn Junction, Ind.

Gillett, E. A., & Sons, carriage rims, Charlestown, Boston, Mass.
Gillette, C. H., bent wood, Indianapolis, Ind.
Gillette Clipping Mach. Co., 129 W. 31st, New York.
Gillette, Edwin F., architect, 8 S. Dearborn, Chicago, Ill.
Gillette Elec. Street Clock Co., 728 Buckingham pl, Chicago, Ill.
Gillette Light Projector Co., 10710 Clifton Blvd, Cleveland O.
Gillette Motors Co., Mishawaka, Ind.
Gillette Roller Bearing Co., factory trucks, Grand Rapids, Mich.
Gillette Rubber Co., tires & tubes, Eau Claire, Wis.
Gillette Safety Razor Co., 41 W. 1st, Boston, Mass.
Gillette, Thurber J., architect, 811 Park, Syracuse, N. Y.
Gillette-Vibber Co., junction boxes, bushings, couplings, etc., New London, Conn.
Gilliam Coal & Coke Co., Lynchburg, Va.
Gillam Co., saddlery goods, Canton, Ohio.
Gillick Bros., bldg. contrs., 319 W. Stein, St. Louis, Mo.
Gillie Machine Co., boilers, tanks, etc., Tonawanda, N. Y.
Gillies, Jas., & Sons, stone prod., 177 13th, L. I. City, N. Y.
Gillinder & Sons, chemical & druggists' glassware & engng. spec., State & Devereaux, Philadelphia, Pa.
Gillingham Co., lbr., Norris & Richmond, Phila., Pa.
Gillingham, H. F., & Co., scrap iron, 1013 N. Front, Phila., Pa.
Gillings, Peter, Co., stone, 737 E. 219th, New York.
Gillinsky, M., scrap rubber, Trenton, N. J.
Gilliom Lbr. Co., sash, door & blind mfrs., Berne, Ind.
Gillis, Chas. H., & Son, contractors, Battle Creek, Mich.
Gillis & Co., lbr., 29 E. Madison, Chicago, Ill.
Gillis & Dashiell, canned goods, Quantico, Md.
Gillis & Geohegan, boiler feeders, hoists, 537 W. B'way, New York.
Gillis, Russell A., architects, Fairmont, W. Va.
Gillon, Edw. E., masons' & bldrs.' matls., 3944 Geary, San Francisco, Cal.
Gilman Canning Co., Gilman, Ia.
Gilman, J. W., & Son, contractors, 911 W. Clay, Richmond, Va.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Gilman, Roger, architect, Gloyd Bldg., Kansas City, Mo.
Gilman & Son, machsts, Springfield, Vt.
Gilman, Wm. D., Co., sulphide soda, 22 S. 3d, Philadelphia, Pa.
Gilmartin, Edw., & Sons, lumber mfrs., Ft. Wayne, Ind.
Gilmer, Alexr, Lbr. Co., Remlig, Tex.
Gilmer, L. H., Co., cotton belting mfrs., Cottman & Keystone, Phila., Pa.
Gilmore, A. L., structural engineer, Binghamton, N. Y.
Gilmore Bros., contractors, Toledo, Ohio.
Gilmore, D. M., Co., mill, facty., plumbers' supplies, jobbers, 515 S. 3d, Minneapolis, Minn.
Gilmore, Jas., architect, 802 Gerke bldg, Cincinnati, Ohio.
Gilmore-Puckett Co., fertz. mfrs., Amory, Miss.
Gilmore, R. E., Post, Tex.
Gilmore, S., calcined & wall plaster mfrs., Indian Falls, N. Y.
Gilmore Tube Scraper Wks., boiler cleaners, Buffalo, N. Y.
Gilmour, G. R. Howard, architect, 2415 Guilford av, Baltimore, Md.
Gilmour Hogshead Mach. Co., Owensboro, Ky.
Gilmour, J. A., pckg. box mfrs., 23 Bond, New York.
Gilpin, Chas., contractors, Harrison Bldg., Philadelphia, Pa.
Gilroy, Jas. J., tubular boilers, 347 39th, Brooklyn, N. Y.
Gilson Bros. Co., machsts. & fndrs., Fredonia, Wis.
Gilson, J. E., contractor, 180 Jessie, San Francisco, Cal.
Gilson Mfg. Co., machsts. & fndrs., Port Washington, Wis.
Gilson Slide Rule Co., Niles, Mich.
Gilsonite Contrg. Co., general contractors, Wainwright Bldg., St. Louis, Mo.
Giltmer & Lee, contrs., Pasadena, Cal.
Gimbel, Geo., & Co., Inc., enamels, paints & varnishes, 24 Stone, New York.
Gindele, Chas. W. Co., contractors, 4217 Belleplaine av, Chicago, Ill.
Gingras, Edward F., belt dressing, 202 Main, Buffalo, N. Y.
Ginn Co., masons' & bldrs.' matls., Ironton, Ohio.
Ginn, E. R., sashes, doors & blinds, Varnville, S. C.
Ginn, I. L., & Co., fertilizer, Bowman, Ga.
Ginnold, Harold H., architect, Boston block, Seattle, Wash.
Ginns, H. L., Broom Corn Co., Wichita, Kan.
Ginsburg, Abraham, architect, 11 Bloomfield, Passaic, N. J.
Ginsburg, R. L., Sons Co., scrap iron, Dime Bank Bldg., Detroit, Mich.
Ginter-Wardein Co., sash, door & blind mfrs., Alton, Ill.
Ginther, Wm. P., architect, Everett Bldg., Akron, Ohio.
Ginther's, J., Sons Co., iron arch'l, Buffalo, N. Y.
Ginzburg, M., billiard tables, 134 Bowery, New York.
Ginzel, John, Co., dock bldrs., Buhl blk, Detroit, Mich.
Giometti Bros., cut glassware, Corning, N. Y.
Giordana, P., & Co., willow ware mfrs., 600 Paterson av, West Hoboken, N. J.
Giordanni & Co., granite, Quincy, Mass.
Giorla Giuseppe, architect, 19 Madeleine av, New Rochelle, N. Y.
Gipson Bros., sash, door & blind mfrs., Brandon, Vt.
Gipson Lumber Co., 405 Lbr. Ex., Minneapolis, Minn.
Gipson, W. A., masons' & bldrs.' matls., Upper Sandusky, Ohio.
Girard Canning Co., North Girard, Pa.
Girard Chemical Co., core oil, 24 Maurice, Buffalo, N. Y.
Girard Cornice & Roofing Co., 1022 Ridge, Philadelphia, Pa.
Girard Iron Co., blast furnaces, Girard, Ohio.
Girard Iron & Metal Co., scrap iron, E. York & Aramingo av, Philadelphia, Pa.
Girard Iron Works, fndrs., 22nd & Master, Philadelphia, Pa.
Girard Lumber Co., Menominee, Mich.
Girard Machine & Tool Co., 491 N. 3d, Philadelphia, Pa.
Girard Model Wks., Girard, Pa.
Girard Wrench Mfg. Co., Girard, Pa.
Girdletree Packing Co., Girdletree, Md.
Girnau Mfg. Co., cement mixers, Eau Claire, Wis.
Girrbach, Paul, cornices, St. Johns pl, Tompkinsville, N. Y.
Girtanner-Vavies Engng. & Contrg. Co., Chemical Bldg., St. Louis, Mo.
Girten Belting & Packing Co., Houston, Tex.
Girton & Perry, contrs., Logansport, Ind.
Gisholt Machine Co., machine tools, Madison, Wis.
Gisselbrecht & Sator, sash, door & blind mfrs., 2025 N. Mozart, Chicago, Ill.
Git Mfg. Co., soap, Westfield, Mass.
Githens, Alfred Morton, architect, 52 Vanderbilt av, New York.
Gits Brothers Mfg. & Specialty Co., oil cups, grease caps, oil hole covers, 1901 S. Kilbourne, Chicago, Ill.
Gits Elec'l Co., hand vacuum cleaners, 1121 Washington blvd, Chicago, Ill.
Gittner Coal & Supply Co., masons' & bldrs.' matls., Waukesha, Wis.
Gitzendanner Muller Co., machsts., 15 Vandewater, New York.
Giudici Bros. & Co., granite, Barre, Vt.
Given & Given, architects, Charleston, W. Va.
Given, R., & Son Co., harness mfrs., Sidney, Ohio.
Givens, G. O., canned goods, Buchanan, Va.
Givin, Herbert, Co., contrs., tools & supplies, 50 Church, New York
Givin, O. M., Constr. Co., 812 Hennen Bldg., New Orleans, La.
Givinner, Joseph M., architect, 14 Mariner, Buffalo, N. Y.
G. & J. Tire Co., Indianapolis, Ind.
Glacier Metal Co., packing mfrs., Hull & 22d, Richmond Va.
Gladbrook Pressed Brick & Tile Co., Gladbrook, Ia.
Gladden, C. S., lumber, Memphis, Tenn.
Gladding, B. F., & Co., chalk lines, S. Otselic, N. Y.
Gladding, C. B., spokes, hubs (wagon), Geneva, Ohio.
Gladding, McBean & Co., clay products mfgrs., Crocker Bldg, San Francisco, Cal.
Glade, Henry, Milling Co., flour, Grand Island, Neb.
Glade, John, & Sons, contractors, Batavia, N. Y.
Glade Lbr. Co., Erwin, W. Va.
Glade Valley Milling Co., flour, Walkersville, Md.
Glader, Wm., machsts., 210 N. Ann, Chicago, Ill.
Gladfelter & Chambers, contractors, 36th & Roland av, Baltimore, Md.
Gladium Co., tool steel saws, drills, etc., 127 Duane, New York.
Gladstone Mattress Co., Huntington, W. Va.
Gladwin & Lane, masons' & bldrs.' matls., Westfield, Mass.
Gladys Canning Co., Gladys, Va.
Glaenzer & Co., electric magnets, 33 W. 34th, New York.
Glafey, F. A., Keenan Bldg., Pittsburgh, Pa.
Glaize Bros., saw mill & bldg. materials, Winchester, Va.
Glamorgan Pipe & Foundry Co., machsts. & fndrs., Lynchburg, Va.
Glander & Co., Inc., machy. dlrs., 615 B'way, New York.
Glandorf, C. H., contractor, 8th & Plum, Cincinnati, Ohio.
Glanton, J. A., furn., Dept. H, Columbus, Ind.
Glasby, J. F., Lbr. Co., 9 Badger av, Newark, N. J.
Glascock Bros. Mfg. Co., washing machines, children's carriages, Muncie, Ind.
Glaser, A., metal spinning, 61 Frankfort, New York.
Glaser Co., fertilizer mfrs., Plainfield, N. J.
Glaser-Crandell Co., canned goods, 2006 S. Western av, Chicago, Ill.
Glaser, Jos., architect, 556 32nd, Milwaukee, Wis.
Glaser, Rohrer & Co., store fixtures, 502 E. 74th, New York.
Glaser & Schwartz, brewery archs., Cincinnati, Ohio.
Glaser, Wm. A., cornices & skylights, Covington, Ky.
Glasgow Canning Co., Glasgow, Mo.
Glasgow Clay Prod. Co., brick, Glasgow, Va.
Glasgow Iron Co., steel struct. mills, Pottstown, Pa.
Glasgow Iron Wks. & Supply Co., 28 West, New York.
Glasgow Milling Co., flour, Glasgow, Mo.
Glasow, Fred, agricultural implements, Fond du Lac, Wis.
Glass & Austin, architects, Grand Theatre bldg, Columbus, Ohio.
Glass Brick Co., brick mfrs., 1st Nat. Bk. Bldg., Cincinnati, O.
Glass & Butner, architects, Cory Bldg., Fresno, Cal.
Glass & Butner, architects, Hearst bldg, San Francisco, Cal.
Glass, J. E., Lumber Co., 1129 Plymouth Bldg., Minneapolis, Minn.
Glass, Jas. A., archl. iron, 167 Congress, Boston, Mass.
Glass, Robt., & Co., Troy, N. Y.
Glass Window Ventilator Wks., 333 S. Dearborn, Chicago, Ill.
Glasscock Stove & Mfg. Co., Greensboro, N. C.
Glassford & Dodd, masons' & bldrs.' matls., 6th, Jersey City, N. J.
Glatfelter, P. H., Co., paper & pulp mills, Spring Grove, Pa.
Glatt, Jacob, cornices, 3640 Dickens av, Chicago, Ill.
Glauber Brass Mfg. Co., plumbers' goods, etc., 49th & Superior, Cleveland, Ohio.
Glauber, M., & Co., basin wrenches, traps, chains, washers, plugs, etc., 103 Varick, New York.
Glauber, Sam S., plumbers, mill & facty. supplies, jobbers, 242 E. 79th, New York.
Glaubitz, R. B., ties, poles & posts, Wittenberg, Wis.
Glaze, Robert, contractor, Humboldt Bk. Bldg., San Francisco, Cal.
Glazier Mfg. Co. (headlights), Rochester, N. Y.
Gleason, Frederick, contractor, Rochester, N. Y.
Gleason, J. L., & Co., electric drills, 241 Franklin, Boston, Mass.
Gleason, James, & Co., switches, 560 W. Monroe, Chicago, Ill.
Gleason Lumber Co., Van Wert, Ohio.
Gleason-Peters Co., screw mach. prod., etc., 384 Classon av, Brooklyn, N. Y.
Gleason, Thos. E., fourdrinier wire, cylinder molds, etc., E. Newark, N. J.
Gleason, Thos. Jay, baseball score bks., 1552 Bergen, Brooklyn, N. Y.
Gleason, Thos. L., architect, 45 Maiden la., Albany, N. Y.
Gleason-Tiebout Glass Co., bottles, arc lamps, etc., 93 Commercial, Brooklyn, N. Y.
Gleason, W. J., Co., contractors, Aitkin, Minn.
Gleason Wks., iron founders, gears, gear planers, etc., 1000 University av, Rochester, N. Y. *See adv index at end of book.*
Gleckler, Fred, brick & tile, Oak Harbor, Ohio.
Gleckler, Geo., brick & tile, Elmore, Ohio.
Gledhill, A. C., sashes, doors & blinds, Galion, Ohio.
Gledhill, Chas. F., Co., chemical imp., 41 Park Row, New York.
Gledhill & Co., machy. dlrs., Bridgeport, Conn.
Gledhill Wall Paper Co., 541 W. 34th, New York.
Gleek, Albert, & Son, contractors, Paterson, N. J.
Gleenor, C. M., architect, Bowling Green, Ky.
Gleeson, William A., contr., Torrington, Conn.
Gleich, Abraham, architect, 203 E. 13th, New York.
Gleitsman, L. A., architect, Peoples S. & T. Bldg., Akron, Ohio.
Glen, Allen, Oil Mill, meal, Glen Allen, Miss.
Glen Alpine Milling Co., flour, Glen Alpine, N. C.
Glen, Blair Redwood Co., lumber, Monadnock Bldg., San Francisco, Cal.
Glen-Gery Shales Brick Co., Reading, Pa.
Glen Gerry Shale Brick Co., 9H N. 5th, Reading, Pa.
Glen, H. Thomas, architect, 606 Caldwell Murdock, Wichita, Kans.
Glen Mfg. Co., sashes, doors & blinds, Glen Rock, Pa.
Glen Mills Paper Co., Stephen Girard Bldg., Philadelphia, Pa.
Glen Raven Cotton Mills, awning stripes, Glen Raven, N. C.
Glen & Stiteler, power pumps, 421 N. 19th, Phila., Pa.

Glen Union Supply Co., lbr. mfrs., Pottsville, Pa.
Glen View Brick Co., common, Clarksburg, W. Va.
Glencairn Mfg. Co., shoe laces, Pawtucket, R. I.
Glencoe Cotton Mills, twine, Columbia, S. C.
Glencoe Fdry. & Machine Co., Glencoe, Minn.
Glencoe Granite Co., W. Quincy, Quincy, Mass.
Glencoe Lime & Cement Co., Syndicate Tr. Bdg., St. Louis, Mo.
Glencoe Mills, cotton flannels, Burlington, N. C.
Glencoe Turpentine Co., New Smyrna, Fla.
Glendale Elastic Fabrics Co., elastic webbing, Easthampton, Mass.
Glendale Lbr. Co., Glendale, Ore.
Glendale Mfg. Co., clothes line reels, & ice picks, 1 Madison av, New York.
Glenn Canning Co., Prospect, Va.
Glenn, Hugh, & Co., masons' & bldrs.' matls., The Dalles, Ore.
Glenn Lbr. Co., Ltd., Red Fish, La.
Glenn Mfg. Co., iron plumbing goods, St. Charles, Ill.
Glenn-Martin Co., aeroplanes & supplies, Los Angeles, Cal.
Glennie, John, soap, North Andover, Mass.
Glennon, C. F., mill & factory supplies, Dept. H, Dalton, Mass.
Glenny, Wm., Glass Co., fruit jar wrenches, 10 W. Commerce, Cincinnati, Ohio.
Glens Falls Brick Co., contrs., Glens Falls, N. Y.
Glens Falls Lantern Co., Glens Falls, N. Y.
Glens Falls Mach. Wks., Glens Falls, N. Y.
Glens Falls Portland Cement Co., Glens Falls, N. Y.
Glenshaw Glass Co., glass bottles, Glenshaw, Pa.
Glenside Core Oil Co., 138 S. 4th, Phila., Pa.
Glenside Woolen Mills, woolen carriage cloth, Skaneateles Falls, N. Y.
Glenwood Lumber & Mfg. Co., Glenwood Springs, Colo.
Glenzer, J. C. Co., adjustable reamers, counterbores & core drills, 3H 14th, Detroit, Mich.
Glesenkamp, L. E., carriages, 319 Liberty, Pittsburgh, Pa.
Glessener, A. J. Co., whol. hdwe., 354 Howard, San Francisco, Cal.
Gleye Hardware Co., wholesale, Grand Rapids, Mich.
Glick, Harris, waste cotton & wool, Worcester, Mass.
Glick, Jacob, architect, 112 E. 6th, Newport, Ky.
Glick & Weitzel, contractors, Lorain, Ohio.
Glidden Co., paints, varnishes, etc., Madison av & Berea rd, Cleveland, Ohio.
Glidden, Edw. H., architect, American bldg, Baltimore, Md.
Glidden, Homer W., architect, Story Bldg., Los Angeles, Cal.
Glidden Mfg. Co., butter printing & cutting machs., Beverly, Mass.
Glidden, W. L., ladders, 1035 Atlantic av, Brooklyn, N. Y.
Glidden, Wilmot, & Son, hand & power vacuum cleaners, Oak Park, Ill.
Glide Road Machine Co., 501 S. E. Huron, Minneapolis, Minn.
Gliesman, F., contr., Hinsdale, Ill.
Globe Automatic Sprinkler Co., 2035 Washington av, Phila., Pa.
Globe Body Co., automobile bodies, Fostoria, Ohio.
Globe Boiler Compound Co., Binghamton, N. Y.
Globe-Boose World Furn. Co., Dept. H, Evansville, Ind.
Globe Brass Fndry., 60 Elm, Cincinnati, Ohio.
Globe Brass Mfg. Co., machsts. & fndrs., 5532 Perkins ct, N. E., Cleveland, Ohio.
Globe Bldg. Co., contractors, 443 Broad, Newark, N. J.
Globe Bldg. Co., contractors, 756 S. B'way, Los Angeles, Cal.
Globe Canning Co., Eastport, Me.
Globe Casket Mfg. Co., Kalamazoo, Mich.
Globe Chair Co., Dept. H, Hillsboro, Ohio.
Globe Chemical Co., battery chemicals & nitric acid, etc., 727H Ridgeway av, Cincinnati, Ohio.
Globe Co., agrl. implts., emery grinders, saw machy., etc., Sheboygan, Wis.
Globe Cotton Mills, Augusta, Ga.
Globe Counter Co., Haverhill, Mass.
Globe Decalcomanie Co., 263 Sussex, Newark, N. J.
Globe Dredging Co., Savannah, Ga.
Globe Ear Phone Co., audiphones, 88 Tremont, Boston, Mass.
Globe Elec. Co., machsts., 6340 Stony Island av, Chicago, Ill.
Globe Elec. Co., storage batteries, 195 B'way, Milwaukee, Wis.
Globe Fertilizer Co., Louisville, Ky.
Globe Foundry & Machine Co., Globe, Ariz.
Globe Foundry & Machine Works, Niles, Ohio.
Globe Furniture Co. (Ltd.), Northville, Mich.
Globe Gas Light Co., gasoline, alcohol & kerosene specialties, 25 Union, Boston, Mass.
Glabe Grain & Milling Co., 913 E. 3d, Los Angeles, Cal.
Globe H'dwe Co., wholesale hardware, Globe, Ariz.
Globe Inventing Co., grinders, 4877 N. Hermitage av, Chicago, Ill.
Globe Iron Co., blast furnaces, Jackson, Ohio.
Globe Iron Fndry. Co., Johnstown, Pa.
Globe Iron & Metal Co., scrap iron & rubber, 116 Key Highway, Baltimore, Md.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Globe Iron Wks., Duluth, Minn.
Globe Iron Wks., fndrs., Erie, Pa.
Globe Iron Wks., machsts. & fndrs., Sacramento, Cal.
Globe Jewelry Case Co., 127 Spring, New York.
Globe Leather Belting Co., 519 Atlantic av, Boston, Mass.
Globe Lumber Co., Globe, Wash.
Globe Mach. & Fdry. Co., Tackawana & Church, Fkd., Phila., Pa.
Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio.
Globe Machy. & Supply Co., Des Moines, Ia.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Globe Mfg. Co., machsts., Battle Creek, Mich.
Globe Mfg. Co., towels, Gaffney, S. C.
Globe Mfg. Co., screw & washing machs., Perry, Ia.
Globe Mfg. Co., paint & varnish mfrs., Peoria, Ill.
Globe Mattress Mfg. Co., 145 North, Boston, Mass.
Globe Metal Co., fndrs., 1970 Clybourn av, Chicago, Ill.
Globe Milling Co., flour, Watertown, Wis.
Globe Motor Truck Co., Brady av, East St. Louis, Ill.
Globe Nickel Plating Co., 15 Chardon, Boston, Mass.
Globe Optical Co., goggles, 403 Washington, Boston, Mass.
Globe Packing Box Co., Washington & I. C. R. R. crossing, New Orleans, La.
Globe Paper Box Co., 223 W. Huron, Chicago, Ill.
Globe Paper Co., Evansville, Ind.
Globe Parlor Furn. Co., Dept. H, High Point, N. C.
Globe Polish Co., metal polish, Lincoln, N. J.
Globe Porcelain Co., Trenton, N. J.
Globe Pressed Brick Co., Ferris, Tex.
Globe Razor Co., Fremont, Ohio.
Globe Refining Co., lubricating oils, 934 Rose Bldg., Cleveland, O.
Globe Register Co., 2412 Reading rd, Cincinnati, Ohio.
Globe Rubber Tire Mfg. Co., Trenton, N. J.
Globe Rubber Works, Inc., mill & facty. supplies, 45 High, Boston, Mass.
Globe Seamless Steel Tubes Co., People's Gas Bldg., Chicago, Ill.
Globe Shipbldg. Co., Superior, Wis.
Globe Silk Works, thread, New Haven, Conn.
Globe Soap Co., glycerine, etc., United Bank Bldg., Cincinnati, O.
Globe Steam Boiler & Iron Wks., 349 Eddy, Providence, R. I.
Globe Steel Co., steel chilled shot, Mansfield, Ohio.
Globe Stove & Range Co., elec. cooking app., Kokomo, Ind.
Globe Supply & Machine Co., 627 S. Peters, New Orleans, La.
Globe Teddy Bear Co., 501 Christopher av, Brooklyn, N. Y.
Globe Ticket Co., 112 N. 12th, Philadelphia, Pa.
Globe Trimming & Button Co., 149 W. 23d, New York.
Globe Varnish Co., Inc., Kelly & La Schall, Pittsburgh, Pa.
Globe Ventilator Co., Troy, N. Y.
Globe Vise & Truck Co., Grand Rapids, Mich.
Globe-Wernicke Co., office equipment, 25 Carthage av, Cincinnati, Ohio.
Globe Wire Co. (Ltd.), rods—drill, Sharpsburg, Pa.
Globe Wire & Iron Wks., Atkinson av, Milwaukee, Wis.
Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.
Glockner, Alexander M., cornices & skylights, Portsmouth, Ohio.
Gloekler, Bernard, Co., butchers' machy. & supplies, 1127 Penn av, Pittsburgh, Pa.
Glogau & Co., cutlery, Great Lake Bldg., Chicago, Ill.
Glokner & Blue Co., tinsmiths' supplies, 2474 3rd av, New York.
Glometti Bros., cut glass, Corning, N. Y.
Gloninger & Co., front brick, Arrott Bldg., Pittsburgh, Pa.
Glor Bros. & Willis Mfg. Co., stalls, machsts., Attica, N. Y.
Gloria Light Co., gasoline lamps, 1100 Wash. blvd, Chicago, Ill.
Gloria Mfg. & Supp. Co., pipe, cement, 354 W. 17th, New York.
Gloster Lbr. Co., Gloster, Miss.
Gloucester Block Co., mfrs. tackle blocks & marine fittings, Gloucester, Mass.
Gloucester Isinglass & Glue Co., Gloucester, Mass.
Gloucester Lbr. Co., Rosman, N. C.
Gloucester Net & Twine Co., Gloucester, Mass.
Gloucester Oiled Clothing Co., Gloucester, Mass.
Glove Creek Canning Co., Montvale, Va.
Glover Bros., machsts. & fndrs., Paul & Vandyke, Phila., Pa.
Glover, Geo. J., contractor, 1022 Whiting, New Orleans, La.
Glover, Geo. J., contr., 1022H Whitney Bldg., New Orleans, La.
Glover, H. W., wood handles, West Millbury, Mass.
Glover, Horatio N., & Son, gum substitutes, Mattapan, Boston, Mass.
Glover, J. G., architect, 222 Navy, Brooklyn, N. Y.
Glover Machine Works, Marietta, Ga.
Glover Machine Wks., Export Dept., 43 Cedar, New York.
Glover, W. G., architect, Topeka, Kan.
Glover, W. H., Co., masons' & bldrs.' matls., Rockland, Me.
Gloversville Auto Glove Co., Gloversville, N. Y.
Gloversville Knitting Co., knitted gloves, Gloversville, N. Y.
Gloversville Silk Mills, knitted gloves, Gloversville, N. Y.
Glowacki, John B., Co., cornices, 1440 W. 47th, Chicago, Ill.
Gloyd, James R., Co., contrs., Hipp. Annex Bldg., Cleveland, O.
Glucroft & Glucroft, architects, 729 Flushing av, Brooklyn, N. Y.
Glunz Saddlery Co., Fort Scott, Kans.
Glynn Canning Co., Brunswick, Ga.
Glysson, Eugene C., granite, Barre, Vt.
Gminer, C., brick, Waupaca, Wis.
Gmj Mfg. Co., mine safety devices, Apollo Bldg., Pittsburgh, Pa.
Goad Water Filter & Purifier Mfg. Co., Allentown, Pa.
Goat, Fred, Co., book binders' machy., 10 Reade, New York.
Goble, Floyd S., contractor, Port Jervis, N. Y.
Goble, Frank N., contractor, 1 E. 42d, New York.
Goble, J. H., & T. C., ship bldrs., Oswego, N. Y.
Goby Engine Co., machsts., Cleveland, Ohio.
Godart, Jules, architect, 328 Montgomery, San Francisco, Cal.
Godbeer, Hy., granite, Fitchburg, Mass.
Godby, W. H., & Bro., cornices & skylights, Harrison, N. J.
Godchaux Brick Co. (Ltd.), Abbeville, La.
Goddard & Co., flour mills, Estill Springs, Tenn.
Goddard, F. A., & Co., shoe counters, Lynn, Mass.
Goddard, F. H., masons' & bldrs.' matls., 520 Franklin, Detroit, Mich.
Goddard, Fred A., architect, Plymouth, Mass.
Goddard & Goddard, milling cutters, 4724H Hastings, Detroit, Mich.
Goddard, John E., machsts. & fndrs., Spencer, Mass.
Goddard, Louis H., architect, 86 State, New London, Conn.
Goddard Packing Co., canned goods, Ogden, Utah.
Goddard, Simon, architect, Sheridan, Wyo.
Goddard Tool Co., cutters, jigs, gauges, etc., 351 W. Chicago, Chicago, Ill.
Goddard, Vallis V., contractor, Holyoke, Mass.
Goddard, Wm. M., architect, Cohoes, N. Y.
Godel, E., & Sons, meat packers, Peoria, Ill.
Godfrey, B. C., & Sons, masons' & bldrs.' matls., Elkhart, Ind.
Godfrey & Bolger, roll coverers, textile machy., Adams, Mass.
Godfrey, Chester N., architect, 15 Beacon, Boston, Mass.
Godfrey Conveyor Co., Elkhart, Ind.
Godfrey, E. E., machsts. & fndrs., Ithaca, N. Y.
Godfrey, E. J., Co., tex. machy., roll coverers, No. Adams, Mass.
Godfrey, G. R., harness, saddles & strap wk., Gardner, Mass.
Godfrey, H. M., agricultural implements, Jonesburg, Mo.
Godfrey, J. H., contr., Equality, Ill.
Godfrey, Jas. A., & Co., bldg. contrs., Wainwright Bldg., St. Louis, Mo.
Godfrey, John F., coal conveying machy., Elkhart, Ind.
Godfrey-Keeler Co., mill & facty. supplies, engines, boilers, etc., 70 Warren, New York. *See adv index at end of book.*
Godfrey, L. N., Co., lumber, 60 Congress, Boston, Mass.
Godfrey Packing Co., canned goods, Benton Harbor, Mich.
Godkin, John, lbr. mfrs., Bay City, Mich.
Godley, Fredk. A., architect, 15 E. 40th, New York.
Godley & Haskell, architects, 244 Madison av, New York.
Godley, S. S., architect, Neave Bldg., Cincinnati, Ohio.
Godley & Sedwick, architects, 244 Madison av, New York.
Godsey & Fry, armature rewinding, Richmond, Va.
Godwin Constr. Co., 251 4th av, New York.
Godwin, F. M., architect, 4 E. 43rd, New York.
Goebel, J., & Co., clays, crayons, etc., 129 Maiden la, New York.
Goebert, John, willow ware mfrs., 127 Church, Phila., Pa.
Goecke, Jos., brick, Maria Stein, Ohio.

Goedde, B. & Co., lbr. mfrs., Weber & Illinois av, East St. Louis, Ill.
Goehner, Chas., archl. iron, Racine, Wis.
Goelitz, Henry G., contractor, Oak Park, Ill.
Goeller, Chas., Constr. Co., 45 Clinton, Newark, N. J.
Goeller, H. R., fndr., 406 Frelinghuysen av, Newark, N. J.
Goeller, J. F., & Son, sashes, doors & blinds, Klamath Falls, Ore.
Goeller's, M. G., Sons, corn brooms, Circleville, Ohio.
Goepel, C. F., & Co., felt, gaskets & washers, 137 E. 13th, New York.
Goepper, Fred, masons' & bldrs.' matls., N. Michigan & C. I. & W. R. R., Indianapolis, Ind.
Goeppinger, L. & H., horse collars, Boone, Ia.
Goertz, Aug., & Co., metal nov. & spec., 276 Morris av, Newark, N. J.
Goerz, C. P., Am. Optical Co., cameras, etc., 317 E. 34th, New York.
Goes Lithographing Co., calendar pads, 42 W. 61st, Chicago, Ill.
Goes, Oscar, & Co., saws, knives, 1822 W. Lake, Chicago, Ill.
Goesse & Remmers Bldg. & Constr. Co., 805 Cass av, St. Louis, Mo.
Goessling, Wm. F., Box Co., Blair av & Mullanphy, St. Louis, Mo.
Goethe Lumber Co., Sapp, Fla.
Goethel, Alex. G., cornices, 815 Winnebago, Milwaukee, Wis.
Goethel, Alfred C., Co., ventilators, 301-303 4th, Milwaukee, Wis.
Goetjen & Workman, canned goods, 906 Webster, San Francisco, Cal.
Goetsch & Son, machsts. & fndrs., Naperville, Ill.
Goette, Rudolph F. A., machst., Rochester, N. Y.
Goettmann, O. J. transformers, 525 Ohio, Pittsburg, Pa.
Goetz Brass Co., plumbers' supp., 630 N. Franklin, Chicago, Ill.
Goetz Box Anchor Co., New Albany, Ind.
Goetz, Chas., & Co., wire springs, 2548 S. Kedzie av, Chicago, Ill.
Goetz-Coleman Mfg. Co., machsts. & fndrs., New Albany, Ind.
Goetz Co., architects, Yankton, S. Dak.
Goetz Const. Co., Yanktown, S. D.
Goetz Pressed Brick Co., New Albany, Ind.
Goetze Gasket & Packing Co., New Brunswick, N. J.
See adv. index at end of book.
Goetzman, H. W., sash, door & blind mfrs., Rochester, N. Y.
Goff, D., & Sons, car plush, tapes, braids, etc., Pawtucket, R. I.
Goff, E. W., masons' & bldrs.' matls., Cumberland Mills, Me.
Goff, Garner T., contractor, Atlantic City, N. J.
Goff, Jas. C., Co., masons' & bldrs.' matls., 31 Point, Providence, R. I.
Goff-Kirby Coal Co., masons' & bldrs.' matls., Electric Bldg., Cleveland, Ohio.
Goff, Louis J., Jr., architect, 20 Lettney pl., New Haven, Conn.
Goff Lumber Co., Wilkes-Barre, Pa.
Goff, T. J., machst., Arcadia, La.
Goff, W. H., masons' & bldrs.' matls., Broadway, Ohio.
Goffin & Zeifang, gas engines, Niagara Falls, N. Y.
Gogebic Steam Boiler Wks., Duluth, Minn.
Gogel Mfg. Co., heaters, Toledo, Ohio.
Goggin Constr. Co., Arcola, Ill.
Goggin, Patrick, contrs., Fredonia, N. Y.
Gohde Nov. Co., advtg. spec., Virqua, Wis.
Goheen Corp., paints, 25 W. 43d, New York.
Gohl, Christian, & Sons, carriages, Williamsport, Pa.
Gohmann Bros. & Kahler Co., machsts. & fndrs., New Albany, Ind.
Goller, Chas. H., sash, door & blind, Hicksville, Ohio.
Going Mfg. Co., pearl buttons, Amsterdam, N. Y.
Gokey, Wm. J., & Co., dry docks, Erie Basin, Brooklyn, N. Y.
Golbert Last Co., wooden shoe lasts, Worcester, Mass.
Golbranson & Co., granite, S. Quincy, Quincy, Mass.
Gold Bar Lbr. Co., Gold Bar, Wash.
Gold Bros. Brick Co., Big Stone City, S. D.
Gold Car Htg. & Lighting Co., 220 36th, Brooklyn, N. Y.
Gold Coin Stove Co., Troy, N. Y.
Gold Coin Stove & Fdy Co., grey iron castings, sewer inlets, etc., Albany, N. Y.
Gold Furn. Co., 2238H S. Union, Chicago, Ill.
Gold Medal Camp Furn. Mfg. Co., Racine, Wis.
Gold Medal Polish Co., floor & furniture polish, etc., Racine, Wis.
Gold Medal Waterproofing Co., East Oakland, Cal.
Gold, P., & Co., masons' & bldrs.' matls., Elizabeth, N. J.
Gold, Walter C., belt dressing, emery wheel mfrs., 235 Race, Philadelphia, Pa.
Goldbar Lumber Co., Goldbar, Wash.
Goldberg, Adolph, architect, 354 State, Brooklyn, N. Y.
Goldberg, Carl I., architect, 437 B'way, Bayonne, N. J.
Goldberg, Chas. H. & E. S., whol. h'wre, 114 Reade, New York.
Goldberg-Davidson & Co., buttons, 1161 B'way, New York.
Goldberg Display Fixtures Co., 135 W. 23d, New York.
Goldberg, E., Iron Works, 165 W. Kinney, Newark, N. J.
Goldberg, J., & Son, steel struc. wk., 7500 Independent av, Kansas City, Mo.
Goldberg & Kavadlo, arch'l iron, 245 E. 110th, New York.
Goldberg Ozone Mach. Co., generators, Indianapolis, Ind.
Goldberger & Greisen, architects, Perth Amboy, N. J.
Goldblatt, H., Tool Co., 213 E. 15th, Kansas City, Mo.
Goldcamp Bros. & Co., masons' & bldrs.' matls & wholesale h'wre, Ironton, Ohio.
Goldcamp Mill Co., flour, Ironton, Ohio.
Golden-Anderson Valve Specialty Co., Fulton Bldg., Pittsburgh, Pa.
Golden-Belknap & Swartz Co., gasoline engines, 5432 Grand River av, Detroit, Mich.
Golden Belt Mfg. Co., cloth, hosiery, bags, etc., Durham, N. C.
Golden & Crick, contractors, 3512 5th av, Pittsburgh, Pa.
Golden Eagle Milling Co., flour, Petaluma, Cal.
Golden Elevator & Mill Co., cereal foods ,Golden, Ill.
Golden Fire Brick Co., Denver, Colo.
Golden Gate Brass & Mfg. Co., fndrs., 48 Tehama, San Francisco, Cal.
Golden Gate Mfg. Co., brewers' mchy., 9 Desbrosses, New York.
Golden Gate Packing Co., San Jose, Cal.
Golden Hdwe. Co., mill & facty. supplies, Tifton, Ga.
Golden Novelty & Brush Co., medicine cabinets, lamps, racks, etc., Goshen, Ind. (tr)
Golden, P., & Son, brick, Catskill, N. Y.
Golden Rule Cutlery Co., advtg. nov., 212 N. Sheldon, Chicago, Ill.
Golden State Asparagus Co., canned, 16 California, San Francisco, Cal.
Golden State Canning Co., Ontario, Cal.
Golden State & Miners' Iron Wks., 249 1st, San Francisco, Cal.
Golden State Portland Cement Co., 112 W. 9th, Los Angeles, Cal.
Golden West Motors Co., Sacramento, Cal.
Golden West Plating Wks., electro plating, 131 Mission, San Francisco, Cal.
Golden West Pump Co., 311H Harriet, San Francisco, Cal.
Goldenblum, Wm., & Co., whol. h'dwe, 17 Murray, New York.
Goldendale Garage, machsts., Goldendale, Wash.
Goldendale Milling Co., feed mill, Goldendale, Wash.
Golden's Foundry & Machine Co., Columbus, Ga.
Goldfein, E. H., architect, Reserve Trust Bldg., Cleveland, Ohio.
Goldhammer, Albert, architect, 32 Union sq, New York.
Goldie, Robert, Co., contractors, 19 S. La Salle, Chicago, Ill.
Goldie, Wm., Jr., lbr. mfrs., Bay City, Mich.
Golding Mfg. Co., machsts. & fndrs., Franklin, Mass.
Golding Sons Co., potters' supplies, feldspar miners, Trenton, N. J.
Goldingay Bros. Co., sash, door & blind mfrs., 88 E. Kinney, Newark, N. J.
Goldman, A., masons' & bldrs.' matls., Victoria, Tex.
Goldman, A., & Co., scrap iron & steel, 2580 W. Jefferson, Detroit, Mich.
Goldman, Philip, plate glass, 36 E. 9th, New York.
Goldmark, Jas., Co., staples, brushes, compounds, 81 Warren, New York.
Goldner, David, architect, Highland Bldg., Pittsburgh, Pa.
Goldner, Henry, Boiler & Tank Works, Water & Muffin, Philadelphia, Pa.
Goldner, Jacob, architect, 823 E. 165th, New York.
Goldrich, Phillip, architect, 326 E. 98th, New York.
Goldrick, Philip, brick, Kingston, N. Y.
Goldsboro Furn. Mfg. Co., Dept. H, Goldsboro, N. C.
Goldsboro Lumber Co., Dover, N. C.
Goldschmidt, M., & Co., machsts., 542 S. Clark, Chicago, Ill.
Goldsmith Bros. Smelting & Refining Co., Heyworth Bldg., Chicago, Ill.
Goldsmith, C. A., brass fndr., 270 Thomas, Newark, N. J.
Goldsmith & Chatfield, contractors, 672 W. Main, Waterbury, Conn.
Goldsmith, Franklin, & Son, contractors, Catasauqua, Pa.
Goldsmith, Goldwin, architect, 306 Marvin Hall, Lawrence, Kan.
Goldsmith, L., & Son, hdwe. mfrs., Cherry, Newark, N. J.
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio.
Goldsmith, N. W., lbr., Chester, N. H.
Goldsmith, Stern & Co., sewing thimbles, 33 Gold, New York.
Goldsmith & Tuthill, masons' & bldrs.' matls., Cutchogue, N. Y.
Goldsmith's, P., Sons, base ball mfrs., etc., John, Findlay & Charlotte, Cincinnati, Ohio.
Goldstein Bros., elect. & gas light fixtures, Indianapolis, Ind.
Goldstein Eng. Co., fire alarms, 45 Maiden la., New York.
Goldstein, I. J., Co., architects, Ohio Bldg., Akron, Ohio.
Goldstein, Irwin, contractor, Plymouth Bldg., Minneapolis, Minn.
Goldstein, Jos. (Est. of), washboards, 323 Pearl, New York.
Goldstein, Louis, plate glass, 231 Bowery, New York.
Goldstein, Molse H., architect, Title Guarantee Bldg., New Orleans, La.
Goldstein's, L., Sons, scrap brass, iron & steel, Allegheny bet. Richmond, Philadelphia, Pa.
Goldston, J. J., architect, Ohio Bldg., Akron, Ohio.
Goldstone, Jos., horse & coat hair, 335 B'way, New York.
Goldstone, Lafayette, architect, 512 5th av, New York
Goldstrom Bros., furniture, 118H N Paca, Baltimore, Md.
Goldwaite, C. D., contractor, Marsh-Strong Bldg., Los Angeles, Cal.
Goldwater, J. M., scrap rubber, 943 N. American, Philadelphia, Pa.
Goll, John, & Co., building contractors, 1539 Filbert, Philadelphia, Pa.
Goller, H. C., architect, 2736 Kingsbridge Terrace, New York
Golley & Finley Iron Wks., machsts & fndrs., Lima, Ohio.
Gollmar, E. T., machsts. & fndrs., Baraboo, Wis.
Gollner, Phillip, Co., plumbers', mill & facty. supplies, W. 33d & Archer av, Chicago, Ill.
Golucke, C. H. & Son, masons' & bldrs.' matls., Crawfordville, Ga.
G. & O. Mfg. Co., airplane radiators, New Haven, Conn.
Gomber, John, mill & facty. supplies, Frederick, Md.
Gompert, Wm. H., architect, 171 Madison av, New York.
Gomperts, Chas. W., contractors, 503 Market, San Francisco, Cal.
Gomph, Hy. G., & Co., hdwe. mfrs., Albany, N. Y.
Gondert & Lienesch, packing box mfrs., Dayton, Ohio.
Gong Bell Mfg. Co., East Hampton, Conn.
Gonnell, A., architect, 74 Cutler, Newark, N. J.
Gonnerman, A. W., elec, contrs., 336 S. B'way, Los Angeles, Cal.
Gonsalves, R. L., contr., Hubbard Wood, Ill.
Gonser, Jno. R., lumber, Kutztown, Pa.
Gonzales Cotton Mill Co., Gonzales, Tex.
Gonzales Cotton Oil & Mfg. Co., meal, Gonzales, Tex.
Gonzalez, Andres, beeswax, crude rubber, 82 Pine New York.
Goo & Hopkins, lumber, machy., Delevan, N. Y.
Gooch, Arthur M., mchsts. & fndrs., Newton Center, Mass.
Gooch-Edenton Hardware Co., Jackson, Tenn.
Gooch Milling & Elevator Co., flour, Lincoln, Neb.
Good, A. H., architect, 7 E Center, Akron, Ohio
Good Bros., brick, South English, Ia.
Good Bros. Leather Co., 142 Frelinghuysen av, Newark, N. J.
Good, Charles, architect, Grand Island, Neb.
Good & Craft, elec. light fix. mfrs., 514 N. Eutaw, Baltimore, Md.
Good, Geo. S., Fire Brick Co., Patton, Pa.
Good, J. R., & Co., sash, door & blind, Colfax, Wash.
Good, Jas., Inc., mfg. chemists, etc., Amber & Susquehanna av, Phila., Pa.
Good & Lee, contractors, Frankfort, Ind.
Good Mfg. Co., ins. tape, 160 N. Wells, Chicago, Ill.
Good Mfg. Co., pipe straps, tank balls, etc., 305 E. 134th, New York.
Good Pine Lumber Co., Goodpine, La.
Good Roads, trade publication, 11 Waverly pl, New York.
Goods Roads Constr. Co., Galveston, Tex.

Good Roads Machy. Co., Kennett Square, Pa.
Good Tool & Supply Co., mill, factory & steamfitters' supplies, Lima, Ohio.
Goodale Co., machsts. & fndrs., Kalamazoo, Mich.
Goodall Hammock Co., Westbrook, Me.
Goodall, J. B., & Sons Co., masons' & bldrs.' matls. & contr., Goodall Rubber Co., 11th & Arch, Phila., Pa.
Goodbody, Wm., envelopes, 505 W. B way, New York.
Goode, L. M., Lbr. Co., Springfield, Ohio.
Goodell, J. H., & Son, machsts., Marseilles, Ill.
Goodell Mfg. Co., boring tools, machsts., Greenfield, Mass.
Goodell-Pratt Co., 2000 kinds of carpenters' and machinists' hand tools, Greenfield, Mass.
Goodell Co., agricultural implements, Antrim, N. H.
Goodell Granite & Marble Co., Burlington, Vt.
Goode, R. L., canned goods, Buchanan, Va.
Goode, W. P., Brush Co., 136 North, Boston, Mass.
Goode Canning Co., Henry, Va.
Goodell, Skiles Lumber Co., Chandlerville, Ill.
Goodell Tool Co., machsts. & fndrs., Shelburne Falls, Mass.
Goodell, Zina, mill & facty. supplies, Salem, Mass.
Goodenow-Brookfield Knitting Co., sweaters, cardigans, etc., 420 B'way, Kansas City, Mo.
Goodenow & Ginn, contractors, 520 Penobscot, Detroit, Mich.
Goodfarb, Chas., elec. & gas light fixtures, 219 Grand, New York.
Goodfellow, J. P., can salting machines & transfer cars, Blaine, Wash.
Goodfellow's, W. H., Sons, wholesale hdwe., Altoona, Pa.
Goodhue, Bertram G., architect, 2 W. 47th, New York.
Goodin, R. G., brick, Lebanon, Ky.
Goodin, Reid & Co., cloth, 4th & Main, Cincinnati, Ohio.
Goodjohn Sash & Door Co., Leavenworth, Kans.
Goodlander, Geo. W., contrs., Mass. Bldg., Kansas City, Mo.
Goodlander Milling Co., flour, Fort Scott, Kans.
Goodlander-Robertson Lumber Co., Memphis, Tenn.
Goodlatte & Sons, oil cloth mfrs., Delowanna, N. J.
Goodlatte, T. R. & Sons, Inc., wall coverings, oil cloth & oiled cotton goods, Delawanna av, Delawanna, N. J.
See adv index at end of book
Goodlin, J. O., Son & Co., masons' & bldrs.' matls., Toronto, O.
Goodline Mfg. Co., index cards & brackets, Kent, Ohio.
Goodman, Benj. J., architect, Baton Rouge, La.
Goodman Contracting Co., 263 E. 133d, New York.
Goodman, E. & Co., contrs., La Salle, Ill.
Peru, Ind.
Goodman Engine & Machine Co., machsts. & fndrs., S. 15th & Muriel, Pittsburgh, Pa.
Goodman & Gavin, pckg. box mfrs., 248 Metropolitan av, Brooklyn, N. Y.
Goodman, John, contractor, 2133 Florence av, Cincinnati, Ohio.
Goodman, K. S., Co., lbr., 80 E. Jackson blvd, Chicago, Ill.
Goodman, K., & Son, cornices, Chester, Pa.
Goodman Lumber Co., Goodman, Wis.
Goodman Machine & Tool Co., variable speed transmission, 50 Church, New York.
Goodman Mfg. Co., mining machy., Halsted & 48th pl, Chicago, Ill.
Goodman, Patrick, contr., 943H Fulton, Brooklyn, N. Y.
Goodman, W. A., fndrs., Waterloo, Ia.
Goodman, W. W., contractor, Canton, Ohio.
Goodman, Wm. C., architect, 2932 W Adams, Chicago, Ill.
Goodmiller, Preston V., architect, Stockton, Ill.
Goodner Pump & Mfg. Co., Rocky Ford, Colo.
Goodnow & Blake Mfg. Co., carbureter floats, 4th & Porter, Detroit, Mich.
Goodnow, E. J., lbr., Parkhill, N. H.
Goodnow, L. H., Foundry Co., emery grinders, fly wheels, etc., Fitchburg, Mass.
Goodpasture & Tenison, harness, saddles, etc., Nashville, Tenn.
Goodrich, A., Inc., emery & corundum wheels, 1500 Madison, Chicago, Ill.
Goodrich, B. F., Co., rubber belting, Akron, Ohio, and Broad & Spring Garden, Philadelphia, Pa.
Goodrich, B. F., Rubber Co., belting mfrs., 1925 Michigan av, Chicago, Ill.
Goodrich, C. E., stone, Auburn, N. Y.
Goodrich, C. L., architect, Abington Bldg., Portland, Ore.
Goodrich, Chas. W., brick, Wheatland, Wyo.
Goodrich & Clark, architects, Augusta, Ga.
Goodrich & Goodrich, architects, Abingdon Bldg., Portland, Ore.
Goodrich, H. M., saws, Bellingham, Wash.
Goodrich, J. F., & Co., carriages, New Haven, Conn.
Goodrich, W. J. See Walter, W. H. Lbr. Co. (successor).
Goodrich, W. S., brick, Epping, N. H.
Goodrich, Wm., & Co., linseed oil & cake mills, 30th & Hopkins, Milwaukee, Wis.
Goodrum, John W., contractor, Seguin, Tex.
Goodsell, B. J., Hdw. Co., cornices & skylights, Ludington, Mich.
Goodsell Mfg. Co., sashes, doors & blinds, Toledo, Ohio.
Goodspeed Machine Co., Winchendon, Mass.
Goodwill Elec. Co., htg. pads, 59 E Van Buren, Chicago, Ill.
Goodwillie Bros., packing box & box shooks mfrs., 10 La Salle, Chicago, Ill.
Goodwillie, D. M. Co., packing box mfrs., 22nd & Racine av, Chicago, Ill.
Goodwin-Bradley Pattern Co., 227 Eddy, Providence, R. I.
Goodwin Bros., common brick, Minonk, Ill.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Goodwin, C. E., & Sons, woolen blankets, Cumberland Gap, Tenn.
Goodwin Car & Mfg. Co., Inc., 17 Battery Pl, New York.
Goodwin, E. S., architect, 29 Weybosset, Providence, R. I.
Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York.
Goodwin, H. C., Inc., advertising counsellor, Union Trust bldg., Rochester, N. Y.
Goodwin, John A., brick, 27th & Tioga, Philadelphia, Pa.
Goodwin, L. B., canned gds., Olaf, Va.
Goodwin, L. P., wood handles, Erin, Tenn.
Goodwin Lumber Co., Pleasant Lake, Ind.
Goodwin Mfg. Co., plumbers' candles, 3332 Chouteau, St. Louis, Mo.
Goodwin & Mitchell, contractors, Brookline, Mass.
Goodwin Preserving Co., canned goods, Louisville, Ky.
Goodwin Tile & Brick Co., Des Moines, Ia.
Goodyear, A. B., binders—lumber, load, Bloomdale, Ohio.
Goodyear Bros., masons' & bldrs.' matls., Carlisle, Pa.
Goodyear, C. A., Lumber Co., Tomah, Wis.
Goodyear Cotton Mills, tire fabrics, Killingly, Conn.
Goodyear Lbr. Co., Marine Nat. Bank Bldg., Buffalo, N. Y.
Goodyear Redwood Co., Elk, Cal.
Goodyear Rubber Co., fire extinguishers, rubber belting, hose, packing, 539 Mission, San Francisco, Cal.
See adv index at end of book
Goodyear Rubber Co., 787 B'way, New York.
Goodyear Rubber Hose & Packing Co., belt dressing, 241 Chestnut, Philadelphia, Pa.
Goodyear Rubber Insulating Co., 105 E. 131st, New York.
Goodyear Tire & Rubber Co., Akron, Ohio.
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn.
Googins & Clark, bldg. contrs., Portland, Me.
Goold & Johns, elec. contrs., Stockton, Cal.
Gooley & Edlund, machsts., Cortland, N. Y.
Gooley, W. F., cornices, 1911 W. Fayette, Syracuse, N. Y.
Gopher Envelopes Co., 500 S. 5th, Minneapolis, Minn.
Gopher Hardware Co., 212 N. 1st, Minneapolis, Minn.
Gordon, A. D., heaters, 231 Franklin, Buffalo, N. Y.
Gordon, Balch & Lippert, architects, Madison, Wis.
Gordon Bros., cotton waste, Hazardville, Conn.
Gordon Bros., curled hair, Pierce & Orthodox, Philadelphia, Pa.
Gordon, Chapman Co., mattresses, 1245 W. 14th pl., Chicago, Ill.
Gordon Eng. Corpn., dryers, 39 Cortlandt, New York.
Gordon & Finkheimer, machy. dlrs., 224 Pine, Portland, Ore.
Gordon, Franklin, architect, Charlotte, N. C.
Gordon, G. M., contr., 166 11th, Portland, Ore.
Gordon-Hauss-Folk Co., flour, St. Marys, Ohio.
Gordon Hollow Blast Grate Co., Greenville, Mich.
Gordon, J. P., Co., tire covers, etc., Columbus, Ohio.
Gordon, J. Riley, architect, 507 5th av, New York.
Gordon, Jas. L., cornices, Lowell, Mass.
Gordon, L. S., pea pickers, Elizabeth City, N. C.
Gordon-Lawless Co., sheet metal goods, Omaha, Neb.
Gordon Lumber Co., Middletown, N. Y.
Gordon, M. E., architect, 160 N. Wells, Chicago, Ill.
Gordon Mach. Co., 650 Evans, Cincinnati, O.
Gordon & Madden, architects, 300 Sibley blk., Rochester, N. Y.
Gordon Metal Co., tin plate, metals, etc., whol., 14th & Dock, Richmond, Va.
Gordon, Orville E., fire extinguishers, Rays Crossing, Ind.
Gordon Piano Co., 709 Whitlock av, New York.
Gordon Plumbing & Heating Co., 6236 Cottage Grove av, Chicago, Ill.
Gordon Propeller & Mfg. Co., 9901 Desmond av, Cleveland, Ohio.
Gordon Sand Co., Conneaut, Ohio.
Gordon Supply Co., cotton duck, 537 Albany, Boston, Mass.
Gordon Supply Co., mill & facty. supplies & machy. dlrs., Chicago Heights, Ill.
Gordon Tire & Rubber Co., Canton, Ohio.
Gordon, Van Tine Co., grille work, sash, doors & blinds, Davenport, Ia.
Gordon, Wm. F., architect, 136 Washington, Paterson, N. J.
Gordon, Wm. M., & Son, woolen blankets, Galax, Va.
Gordonsville Milling Co., flour, Gordonsville, Tenn.
Gordy, Geo. G., flour, Cusseta, Ga.
Gore, D. B., Co., Inc., New Orleans, La.
Goreczky, A., sashes, doors & blinds., Boise, Idaho.
Gorham Bros. Co., machsts. & fndrs., Mount Pleasant, Mich.
Gorham Co., Architectural Bonze, 5th av & 36th, New York.
Works: Providence, R. I.
Gorham, D. F., stone producers, Mount Kisco, N. Y.
Gorham Fire Apparatus Co., 127 Mission, San Francisco, Cal.
Gorham, H. E., machsts., Oneonta, N. Y.
Gorham, H. W., cribbage boards, East Norwalk, Conn.
Gorham-Revere Rubber Co., insulating tape, 50 Tremont, San Francisco, Cal.
Gorlitz, S., cornices, 65 Reid av, Brooklyn, N. Y.
Gorman, Chas. B., trunk mfrs., 329 N. Howard, Baltimore, Md.
Gorman Elec. Co., 315 Minn., St. Paul, Minn.
Gorman, Jas. J., cornices, Albany, N. Y.
Gorman, M. B., Co., masons' & bldrs.' matls., Defiance, Ohio.
Gorman, Thos. C., cotton damasks, Adams & Church, Phila., Pa.
Gorman, Thos. J., contr., South Manchester, Conn.
Gormley, Jas. R., architect, 239 N Austin av, Chicago, Ill.
Gormley, P. F., Co., bldg. contractors, Union Trust Bldg., Washington, D. C.
Gorndt, C. A., & Co., oven bldrs., 189 W. Madison, Chicago, Ill.
Gornell, E., Sons Co., platers' brushes, 179 N. Wells, Chicago, Ill.
Gorning & Luey, patterns & models, 1112 N. B'way, St. Louis, Mo.
Go-Ro Mfg. Co., roof flanges, 826 Baronne, New Orleans, La.
Gorrell, H. E., canned goods, Bel Air, Md.
Gorse, F. W., Co., elastic hosiery, Needham Heights, Mass.
Gorse, Wm., & Co., elastic hosiery, Needham Heights, Mass.
Gorsline & Swan Const. Co., Rochester, N. Y.
Gorton, Geo., Machine Co., Racine, Wis.
Gorton & Lidgerwood Co., steam & hot water heaters, valves, etc., 96 Liberty, N. Y.
Gosa Brockman Co., jigs & fixtures, 1027 Schiller, Phila., Pa.
Goseh Bros. & Sons, sash, door & blind mfrs., 6436 Wentworth av, Chicago, Ill.
Goshen Buggy Top Co., Goshen, Ind.
Goshen Central Coal Co., Massillon, Ohio.
Goshen Churn & Ladder Co., Goshen, Ind.
Goshen Eyelet Co., Goshen, Ind.
Goshen Lightning Rod Co., Goshen, Ind.
Goshen Lumber Co., Goshen, Wash.
Goshen Mfg. Co., mfrs. of lawn swings, ladders & agricultural implements, Goshen, Ind.
Goshen Milk Condensing Co., canned, Goshen, Ind.
Goshen Milling Co., flour, Goshen, Ind.
Goshen Novelty & Lamp Co., Goshen, Ind.
Goshen Sash & Door Co., Goshen, Ind.
Goshen Sweeper Co., Grand Rapids, Mich.
Goshen Veneer Co., Goshen, Ind.
Goshorn Hardware Co., Charleston, W. Va.
Gosnell, W. H., furniture, 207 N 2d, Phila., Pa.
Goss Bros., clothes line, Fall River, Mass.
Goss, C. B. & F. H., masons' & bldrs.' matls., Melrose, Mass.
Goss, F. H., Brick Co., common, Tacoma, Wash.
Goss, J. C., Co., flag mfrs., 16 E. Woodbridge, Detroit, Mich.
Goss, J. & E., tex. machy., supplies (Reeds), Fall River, Mass.
Goss, John L., Corp., granite, Stonington, Me.
Goss Printing Press Co., 1535 S. Paulina, Chicago, Ill.
Goss Supply Co., plbrs. supplies, St. Johnsbury, Vt.
Goss, Wm. Howard, lumber, Paintersville, Pa.
Gossard, A. R., mill & facty. supplies, Austin, Tex.
Gossert, Hy, classic wood carver, 320 Harmon, Philadelphia, Pa.
Gossett, A. F., & Son, fertilizer, Griffin, Ga.
Gosso Co., army cots, etc., 14 E. Jackson, Chicago, Ill.

Gotham Advertising Co., 95 Liberty, New York.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Gotham Knitting Mills, sweaters, bathing suits, 30 W. 21st New York.
Gotham Pearl Button Wks., 45 E. 17th, New York.
Gothberg, H. & E., machsts. & fndrs., 139 Cator av, Jersey City, N. J.
Gotshall Mfg. Co., lumber & cooperage stock, Hawthorne & L. S. & M. S. Ry., Toledo, Ohio.
Gott, Francis H., architect, Carter Bldg., Rochester, N. Y.
Gotten, D. H., flour mills, Bartlett, Tenn.
Gottesleben, Oscar C., architect, Dime Bk. Bldg., Detroit, Mich.
Gottfried, A., & Co., organ pipes, Erie, Pa.
Gottko, J., & Sons, contractors, Bayonne, N. J.
Gottlieb, A., & Sons Co., confetti, 54 S. 2d, Brooklyn, N. Y.
Gottlieb, I., ale pumps, 332 W. 52d, New York.
Gottlieb, M., & Sons, packing box mfrs., 20 Clarke, New York.
Gotto, O. W., masons' & bldrs. matls., Michigan City, Ind.
Gottron Bros., Co., masons' & bldrs.' mtls., Fremont, Ohio.
Gottschalk, Andrew, brick, Berne, Ind.
Gottschalk, Chas. E., architect, Phelan Bldg., San Fran., Cal.
Gottschalk & Co., pan cleaning machines, Reedsville, Pa.
Gottschalk & Co., furniture, Dept. H, Chattanooga, Tenn.
Gottschalk, F. S., Furnace & Roofing Co., Covington, Ky.
Gottschalk, J. W., Mfgr. Co., magnet & telephone wire, 2726 Mascher, Phila., Pa.
Gotwald, Robert C., architect, Gotwald Bldg., Springfield, Ohio.
Goubert, A. A., hammers, 90 West, New York.
Gouge & Ames, architects, 70 Genesee, Utica, N. Y.
Gough, Richard, & Co., china wood & soya bean oils, 69 Ball, New York.
Gough, Richard, architect, Okanogan, Wash.
Gough, W. L., Co., balata; crude rubber, 16 Exchange pl., New York.
Gould, Aaron H. & Son, architects, Empire bldg, Detroit, Mich.
Gould, A. H., architect, Henry Bldg., Portland, Ore.
Gould, A. R., & Sons, carriages, Scranton, Pa.
Gould & Ash, chemical engrs., 216 Pine, San Francisco, Cal.
Gould, Augustus, machst., Norwich, Conn.
Gould Balance Valve Co., Kellogg, Ia.
Gould Co., plumbers supplies, jobbers, 69 N. 12th, Portland, Ore.
Gould Constr. Co., Davenport, Ia.
Gould Coupler Co., machsts. & fndrs. & steel car platforms, 30 E. 42d, New York.
Gould & Cutler, paints, 45 Sudbury, Boston, Mass.
Gould & Eberhardt, gear hobbing & metal shaping machines, etc., 97 N. J. R. R. av, Newark, N. J.
Gould, F. P., & Son, contractors, City Nat. Bk. Bldg., Omaha, Nebr.
Gould, G. E., carriages, Lake Grove, N. Y.
Gould, Geo. C., architect, 172 Summit av, Buffalo, N. Y.
Gould Grain Co., 600 Flour Ex., Minneapolis, Minn.
Gould, H., sewer contr., Sacramento, Cal.
Gould, Lee, H. & Co., cornices & skylights, 251 Arcade, Cleveland, Ohio.
Gould Mfg. Co., lbr., Oshkosh, Wis.
Gould-Mersereau Co., hdwe.; machsts. & fndrs., 52 W. 38th, New York.
Gould & Nowlen, mill & facty. supplies, Bath, N. Y.
Gould Packing Co., Cambridge, Mass.
Gould Paper Co., Lyons Falls, N. Y.
Gould Storage Battery Co., 30 E. 42d, New York.
Gould & Taylor Cut Stone Co., 312 3rd av, Brooklyn, N. Y.
Gould's, M. Son & Co., machsts. & fndrs., 115 Lafayette, Newark, N. J.
Goulds Mfg. Co., pumps, 71 W. Fall, Seneca Falls, N. Y. *See adv index end of book.*
Goulet & Co., sashes, doors & blinds, Toledo, Ohio.
Gourlay Granite Wks., Westerly, R. I.
Gourley, Arthur, & Co., lbr., 11 S. LaSalle, Chicago, Ill.
Gouverneur Marble Co., Gouverneur, N. Y.
Gouze, Ferdinand, wood tanks, Jersey av & 15th, Jersey City, N. J.
Gove & Aaron, M., architects, Boston Bldg., Denver, Col. (tr.)
Gove, George, architect, National Realty bldg, Tacoma, Wash.
Gove, Hartley, glass tubing, Vineland, N. J.
Gove, S. H., archit. & contr., Daytona, Fla.
Gow, Chas. R., Co., contractors, 166 Devonshire, Boston, Mass.
Gow, Geo., contractor, Carnegie, Pa.
Gowanda Agricultural Wks., Gowanda, N. Y.
Gowdey, J. A., Reed & Harness Mfg. Co., 1226 N. Main, Providence, R. I.
Gower, Fielding, contractor, Yonkers, N. Y.
Gowing, D. H. Veneer Co., Portsmouth, Va.
Gowing, Dietrick, Co., dairy app. & supplies, 207 W. Water, Syracuse, N. Y.
Gowing, Frederick H., architect, 18 Tremont, Boston, Mass.
Goyne Steam Pump Co., Ashland, Pa.
G. & P. Engraving Co., name plates, Wollaston, Mass.
Grabe & Helleberg, architects, Columbus, Nebr.
Graber, Francis, cornices, 2306 N. 4th, Philadelphia, Pa.
Graber Supply Co., mill & facty. supplies, Hutchinson, Kan.
Grabler Mfg. Co., conduit hangers & malleable iron castings, Cleveland, Ohio.
Grabo, E. O., Machine Works, machinery mfrs., 180 Center, New York.
Grace & Bernieri, contrs., Claus Spreckels bldg., San Frsco., Cal.
Grace, C. M. & Co., castings, machy., etc., Huntsville, Ala.
Grace Constr. & Supp. Co., Fort Wayne, Ind.
Grace, E. J., gas engines, 2811 Raspberry, Erie, Pa.
Grace Harbor Lumber Co., ties, ft. Western blvd, Detroit, Mich.
Grace, J. Watson, willow ware mfr., 139 N. Front, Phila., Pa.
Grace Varnish Co., 1014 Larrabee, Chicago, Ill.
Grace, W. R., & Co., crude rubber, 7 Hanover Sq., New York.
Grace, Wm., onyx importers, 123 Liberty, New York.
Grace, Wm., Co., contractors, 519 S. Oakley, Chicago, Ill.
Gracey, R., & Sons Co., pile shoes, 115 1st av, Pittsburgh, Pa.
Gracie, Chas. R., portables, 309 W. 41st, New York.
Grad, Frank, architect, 245 Springfield av, Newark, N. J.
Grade Casket Co., 734 E. 17th, Los Angeles, Cal.
Gradin Bros., scrap iron & rubber, Cleveland, Ohio.
Grady, F. M., carriages, Butte, Montana.
Grady, J. E., & Co., mill & facty. supp., Apalachicola, Fla.
Grady, Jas. L., contractors, Beverly, Mass.
Grady, John, & Son, contractors, Bangor, Me.
Grady, M. J., Mixture Mfg. Co., shade or glove holders, 608 1st av. N., Minneapolis, Minn.
Grady Mfg. Co., metal polish, 250 Ely av, Astoria, L. I. C., N. Y.
Grady, T., contractor, Yonkers, N. Y.
Graebert & Sons, machsts. & brass fndrs., 12 Sherman, Detroit, Mich.
Graef, Christ, sweaters, etc., 2261 N. 2d, Philadelphia, Pa.
Graef & Schmidt, whol. hdwe. & cutlery mfrs., etc., 107 Chambers, New York.
Graeser Mfg. Co., advtg. novelties, 55 Taggart, Pittsburgh, Pa.
Graf, Frank H., Mfg. Co., fireplace fixture mfrs., 322 7th av, New York.
Graf, Fred, architect, 807 Grand, Milwaukee, Wis.
Graf, Henry C., contractor, Baraboo, Wis.
Graf, Jos., machst. & fndr., 886 Park av, Brooklyn, N. Y.
Graf Lense Co., South Bend, Ind.
Graf, Martin, archit'l iron, 279 Avenue B, New York.
Graf-Morsbach Co., harness, saddles & strap wk., Flint & Wade, Cincinnati, Ohio.
Graf Stove & Range Co., Silverlake, Wis.
Graf-Webb Iron Mfg. Co., fndrs., Louisville, Ky.
Graff, A., & Sons, bank railings, 39 Shipley, San Francisco, Cal.
Graff Constr. Co., Seattle, Wash.
Graff Engineering Corp., 150 Nassau, New York.
Graff Furnace Co., 61H Wooster, New York
Graff, Geo. B., Co., office devices, mfrs., 294 Washington, Boston, Mass.
Graff, P., & Co., blankets, flannels, woolen, Worthington, Pa.
Graffa & Son, contrs., Columbus, Ind.
Graffin, S. H., contr., Fall Brook, Cal.
Graffiin, John C., Co., bags & burlap, 1 South, Baltimore, Md.
Grafried, W. F., flour mills, Danville, Tenn.
Graft-Pelle Co., machy. dlrs. & mill & facty. supplies, 111 N 3d, Louisville, Ky.
Grafton Coal & Coke Co., Grafton, W. Va.
Grafton Foundry Co., Grafton, Wis.
Grafton Quarry Co., Wright Bldg., St. Louis, Mo.
Grafton, R. E., canned goods, Forest Hill, Md.
Grafton Roller Mill Co., Grafton, N. D.
Grafton Stone Co., Hickox Bldg., Cleveland, Ohio.
Graham, Anderson, Probst & White, archits., 120 Broadway, New York.
Graham, Anderson, Probst & White, architects, Railway Exchange Bldg, Chicago, Ill.
Graham & Berwin, key rings, knobs, dog collars, etc., 107 Lafayette, New York.
Graham Bros., gin distillers, Rockford, Ill.
Graham Bros., & Co., soap, 1319 W. Lake, Chicago, Ill.
Graham Bros., Inc., farm tractors & trucks, Evansville, Ind.
Graham, Chas., Chemical Pottery Wks., 986 Metropolitan av, Brooklyn, N. Y.
Graham & Cummins, lbr., Reform, Ala.
Graham, Dwight, machst. & fndr., Hamilton, N. Y.
Graham, Edward T. P., architect, 20 Beacon, Boston, Mass.
Graham, Ernest R, architect, 80 E Jackson blvd, Chicago, Ill.
Graham, F. J., brick, Lynn, Mass.
Graham, F. M., & Co., masons' & bldrs. matls., Fitzgerald, Ga.
Graham, Geo. D., printing inks, 523 Commercial, San Francisco, Cal.
Graham Glass Co., glass makers' sand, Evansville, Ind.
Graham, J. W., & Co., architects & engrs.' instrs. & supplies, Spokane, Wash.
Graham, James, & Co., brass fndrs., New Haven, Conn.
Graham, James, Mfg. Co., stoves & ranges, 531 Mission, San Francisco, Cal.
Graham, Jno., architect, L. C. Smith bldg, Seattle, Wash.
Graham, John B., contractors, 8 Beacon, Boston, Mass.
Graham, Jno. H., & Co., whol. hdwe., 113 Chambers, New York.
Graham, John, Jr., architect, 130 S. 15th, Phila., Pa.
Graham King Constr. Co., Galesburg, Ill.
Graham, L. L., scenic artist, Brooklyn, N. Y.
Graham Lumber Co., 41 E. 4th, Cincinnati, Ohio.
Graham Lumber Co., Wright, Bldg., St. Louis, Mo.
Graham & McKeon, contractors, Perth Amboy, N. J.
Graham Mfg. Co., drill speeders, knurl holders, drill vises, etc., mfrs., 96 Point, Providence, R. I.
Graham Mfg. Co., fruit packages, Longview, Tex.
Graham Mfg. Co., key blanks, Derby, Conn.
Graham Mattress Co., Graham, Va.
Graham Mill & Elevator Co., flour, Graham, Tex.
Graham Milling Co., Lancaster, Ohio.
Graham Nut Co., bolt ends, 1317 W. Carson, Pittsburgh, Pa.
Graham Paper Co., 11th & Spruce, St. Louis, Mo.
Graham Roller Bearing Co., Coudersport, Pa.
Graham & Ross Mercantile Co., masons' & bldrs.' matls., Great Falls, Mont.
Graham, Mrs. S. C., & Son, turpentine, Baxley, Ga.
Graham, S. P. Lbr. Co., 810 Magazine, Louisville, Ky.
Graham & Schenck, masons' & bldrs.' matls., West Union, Ia.
Graham, Thos., & Co., wood singletrees, doubletrees & whiffletrees, Madison, Ind.
Graham, Wm. Henry, contr., Aurora, Ill.
Graham, W. M., & Co., contractors, Erie, Pa.
Grahamton Mfg. Co., twine, yarn, Grahamton, Ky.
Grahman Granitoid Co., bldg. contrs., 4952 Lotus av, St. Louis, Mo.
Grainger & Co., grey iron castings, arch iron, structural steel, machy., etc., Louisville, Ky.
Grain Belt Mfg. Co., Fargo, N. Dak.
Gram, Edmund, pianos, 414 Milwaukee, Milwaukee, Wis.
Gramercy Brass & Iron Wks., 615 10th av, New York.
Gramm-Bernstein Co., motor trucks, Lima, Ohio.
Grammes, L. F. & Sons, office supplies, metal novelties & specialties, Allentown, Pa.
Grams, Wm., sashes, doors & blinds, Sturgis, S. D.
Granam, Chas., lumber, Scotia, Wash.
Granberg, Emil, baseball bats, St. Louis, Mo.
Granby Mining & Smelting Co., St. Louis, Mo.
Grand Canyon Lime & Cement Co., Los Angeles, Cal.
Grand Central Construction Co., architects, 142 E 43d, New York
Grand Central Iron Wks., 212 E. 52d, New York.
Grand Corr. Paper Co., 30 Crosby, New York.
Grand Crossing Boiler Wks., 1244 E. 73d, Chicago, Ill.
Grand Crossing Tack Co. See Interstate Iron & Steel Co. (successors).
Grand Detour Plow Co., Dixon, Ill.
Grand Forks Fndry. & Mach. Co., Grand Forks, N. D.
Grand Haven Brass Fndry, Grand Haven, Mich.
Grand Island Culvert & Metal Wks., Grand Island, Neb.
Grand Knitting Wks., sweaters, cardigans, etc., 291 Essex, Brooklyn, N. Y.
Grand Lake Co., paper bags, 280 Madison av, New York.

Grand Ledge Chair Co., piano benches, Grand Ledge, Mich.
Grand Ledge Clay Product Co., underground conduits, Grand Ledge, Mich.
Grand Parlor Suit Co., 1011H Flushing av, Brooklyn, N. Y.
Grand Rapids Art Glass Co., Grand Rapids, Mich.
Grand Rapids Bedding Co., mattresses, Grand Rapids, Mich.
Grand Rapids Belting Co., leather belting, 1-3 Ionia av, Grand Rapids, Mich.
Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
Grand Rapids Bookcase & Chair Co., Hastings, Mich.
Grand Rapids Brass Co., machsts. & fndrs., Grand Rapids, Mich.
See adv. index at end of book.
Grand Rapids Brick Co., Grand Rapids, Wis.
Grand Rapids Brush Co., Grand Rapids, Mich.
Grand Rapids Calender Co., advtg. Spec., 572-576 Division av, S. Grand Rapids, Mich.
Grand Rapids Casket Co., Grand Rapids, Mich.
Grand Rapids Chair Co., music cabinets, Grand Rapids, Mich.
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.
Grand Rapids Consol. Brick & Tiling Co., Grand Rapids, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Grand Rapids Fibre Furniture Co., Grand Rapids, Mich.
Grand Rapids Fire Proofing Co., Grand Rapids, Mich.
Grand Rapids Foundry Co., coal chutes, Grand Rapids, Mich.
Grand Rapids Furn. Co., Dept. H, Grand Rapids, Mich.
Grand Rapids Furn. Co., 417H Madison av, New York.
Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
Grand Rapids Glue Co., Grand Rapids, Mich.
Grand Rapids Grinding Mach. Co., 30 Ottawa av, N. W., Grand Rapids, Mich.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Grand Rapids Hardware Co., Grand Rapids, Mich.
Grand Rapids Label Co., gummed advertising stickers, Grand Rapids, Mich.
Grand Rapids Lbr. Co., Grand Rapids, Mich.
Grand Rapids Malleable Wks., fndrs., Grand Rapids, Mich.
Grand Rapids Milling Co., flour, Grand Rapids, Wis.
Grand Rapids Orna. Iron & Wire Wks., Grand Rapids, Mich.
Grand Rapids Panel Co., wood graining machs., Grand Rapids, Mich.
Grand Rapids Paper Box Co., Grand Rapids, Mich.
Grand Rapids Pearl Button Co., Grand Rapids, Mich.
Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Grand Rapids Salvage Co., mill & facty. supplies, Grand Rapids, Mich.
Grand Rapids School of Equipment Co., Grand Rapids, Mich.
Grand Rapids Screen Co., Grand Rapids, Mich.
Grand Rapids Sheet Metal & Rfg. Co., cornices, Grand Rapids, Mich.
Grand Rapids Shingle Co., lbr. mfrs., Sedro Woolley, Wash.
Grand Rapids Show Case Co., show cases & fixtures, Ottawa av & Coldbrook, N. W., Grand Rapids, Mich.
Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.
Grand Rapids Supply Co., mill & facty. supplies, Grand Rapids, Mich.
Grand Rapids Tex. Machy. Co., Grand Rapids, Mich.
Grand Rapids Trunk Co., Grand Rapids, Mich.
Grand Rapids Upholstering Co., Dept. H, Grand Rapids, Mich.
Grand Rapids Varnish Co., Grand Rapids, Mich.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Grand Rapids Wood Finishing Co., Grand Rapids, Mich.
Grand River Canning Co., Markesan, Wis.
Grand Saline Salt Co., Grand Saline, Tex.
Grand Tool & Mch. Wks., Inc., jigs & fixtures, 161 Grand, New York.
Grande, Andrew, contractor, Virginia, Minn.
Grande Brick Co., Grand Rapids, Mich.
Grande Ronde Lbr. Co., Perry, Ore.
Grander Stove Co., Royersford, Pa.
Grandfather Falls Co., paper & pulp mills, Merrill, Wis.
Grandgent & Elwell, architects, 44 Bromfield, Boston, Mass.
Grandview Cotton Oil Mill, cottonseed meal, Grandview, Tex.
Grandy, John, bldg. contr., Duluth, Minn.
Grandy, N. G., & Co., fertilizer, Elizabeth City, N. C.
Graner-Mahoney Contrg. Co., 2317 Tennessee av, St. Louis, Mo.
Grange Commercial Stores, fertilizer mfrs., Bridgeton, N. J.
Grange, Garrett S. de, architect architect, Frederick, Md.
Grange & Sloan, bldg. contrs., 527H 5th av, New York
Granger, A. D., Co., boiler breechings & machy. dlrs., 15 Park row, New York.
Granger, Alfred, architect, 72 W. Adams, Chicago, Ill.
Granger Brick & Tile Co., common, Granger, Wash.
Granger Lime & Marble Co., West Stockbridge, Mass.
Granger, Merton E., architect, 474 S. Salina, Syracuse, N. Y.
Grangers Lime Co., masons' & bldrs.' mtls., W. Stockbridge, Mass.
Granite Bituminous Paving Co., Railway Exchange Bldg., St. Louis, Mo.
Granite City Granite Co., St. Cloud, Minn.
Granite City Iron Works Co., St. Cloud, Minn.
Granite City Lime & Cement Co., Granite City, Ill.
Granite City Soap Co., Newburgh, N. Y.
Granite Clay Co., Akron, Ohio.
Granite Cordage Co., Granite Falls, N. C.
Granite Linen Co., linen towels, Wortendyke, N. J.
Granite Ry. Co., Quincy, Mass.
Granite State Mfg. Co., toys, games & novelties, Concord, N. H.
Granite State Mowing Machine Co., Hinsdale, N. H.
Granite States Mica Co., 294 Washington, Boston, Mass.
Granitine Wall Plaster Co., Lebanon, Pa.
Granolithic Co., concrete hardeners, 471 N. Snelling av, St. Paul, Minn.
Grant, Alex., & Son, wholesale hdwe., Syracuse, N. Y.
Grant Bros., contractors, Attleboro, Mass.
Grant Bros. Foundry Co., 697 Beaufait av, Detroit, Mich.
Grant Canning Co., Grant, Mich.
Grant, Chas. C., architect, 37 E. 28th, New York.
Grant, Chas M., stone producers, Troy, N. Y.
Grant Contracting Co., 7 E. 42d, New York.
Grant & Crammer, contractors, Beach Haven, N. J.
Grant-Davis Lumber Co., Cabool, Mo.
Grant, Edw. E., architect, 397 Washington av, Newark, N. J.
Grant & Fanning, contractors, 49 Smith, Bridgeport, Conn.
Grant, Francis W., architect, Mehlhorn Bldg., Seattle, Wash.
Grant, G. J., Construction Co., Exchange Block Bldg., St. Paul, Minn.
Grant, G. M., Co., contractors, 865 Chapel, New Haven, Conn.
Grant Gear Works, mfrs. chains, gears & sprockets, Pearl & Purchase, Boston, Mass. *See adv index at end of book*
Grant, Geo. J., Const., Co., Exchange Bank Bldg., St. Paul, Minn.
Grant, Geo. M., & Co., lbr. mer., 30 Church, New York.
Grant Granite Co., Brattleboro, Vt.
Grant Gravel Co., Flatiron Bldg., San Francisco, Cal.
Grant Iron Wks., Mahanoy City, Pa.
Grant, J. C., Chemical Co., E. St. Louis, Ill.
Grant, J. W., contractor, Bayonne, N. J.
Grant, John H., architect, Round Up, Mont.
Grant Iron & Steel, 233 Broadway, New York.
Grant, Jno., & Son, contractors, 4500 Euclid av, Cleveland, Ohio.
Grant-Lees Gear Co., auto. gear transmission, 2367 E. 69th, Cleveland, Ohio.
Grant Locomotive & Car Wks., Houston, Tex.
Grant Mfg. & Machine Co., riveting machine mfrs., Bridgeport, Conn.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Grant Motor Car Corp., Coit rd & Kirby av, Cleveland, Ohio.
Grant, P. S., machinist, St. Helena, Cal.
Grant Planing Mill, sash, door & blind mfrs., Kenosha, Wis.
Grant Pulley & Hdwe. Co., 101 Park av, New York.
Grant, Robert, mill & facty. supplies, 233 B'way, New York.
Grant, R. W., architect, Beatrice, Nebr.
Grant, Smith, Porter Ship Bldg. Co., Portland, Ore.
Grant, Thos., brick, Freeport, Ill.
Grant Timber & Mfg. Co., Taxarkana, Ark.
Grant Tool & Gauge Co., 1362 E. 3rd, Cleveland, Ohio
Grant, Wm. R., architect, Seaboard bldg, Seattle, Wash.
Grant Yarn Co., warps, Fitchburg, Mass.
Grantham Bros., lbr., Gatesville, Miss.
Grants Pass Hardware Co., Grants Pass, Ore.
Grants Pass Iron & Steel Wks., Grants Pass, Ore.
Grantville Cotton Oil Co., Grantville, Ga.
Grantwood Moulding & Trim. Co., sashes, doors & blinds, Grantwood, N. J.
Granum, Martin, architect, Montivideo, Minn.
Graphite Metallizing Corp., brushes, Yonkers, N. Y.
Grapholl Lubricating Co., 71 Clymer, Brooklyn, N. Y.
Graphoscope Co., projectors, searchlights, 712 11th, N. W., Washington, D. C.
Graphoscope Development Co., moving picture machs., 49 Mechanic, Newark, N. J.
Grasberger, B. A., & Co., paper dishes, 920 W. Moore, Richmond, Va.
Grass Valley Hardware Co., Grass Valley, Cal.
Grasselli Chemical Co., chemicals & fertilizers, Guardian Bldg., Cleveland, Ohio.
Grasselli Powder Co., Guardian Bldg., Cleveland, Ohio.
Grasser Contracting Co., 912 Hennon, New Orleans, La.
Grasser Motor Co., Toledo, Ohio.
Grassler & Gezelschap, lighting fixtures, 214 3d, Milwaukee, Wis.
Graston, G. W., Milling Co., Dupont, Ind.
Grater-Bodey Co., lumber, Norristown, Pa.
Grater, Ursinus, architect, Norristown, Pa.
Gratke, G. E., architect, Strawberry Point, Ia.
Graton & Knight Mfg. Co., leather belting, straps, etc., Worcester, Mass., & 247 Mission, San Francisco, Cal.
Grattan & Lattimer, contractors, ft. of Main, Buffalo, N. Y.
Grattan, T. F., Co., contractors, Cohoes, N. Y.
Gratz, Geo. E., Jr., archl. iron, 1143 DeKalb av, Brooklyn, N. Y.
Grau Bros., brooms, brushes, 1662 Central av, Cincinnati, Ohio.
Grau-Curtis Co., furniture, 613H, 1st av, Minneapolis, Minn.
Grau, H. E., Co., contractors, 1707 Sansom, Philadelphia, Pa.
Grau & Lehmann, silk fringes, 537 W. B'way, New York.
Grauer, A. & Co., contractors, 216 E. Columbia, Detroit, Mich.
Grauer, Albert, & Co., cornices, 318 Long av, N. W., Cleveland, Ohio.
Graulick, Casper & Co., furniture, Dept. H, Evansville, Ind.
Grauman, L., Fixture Co., bank railings, Denver, Colo.
Grave, R., Co., carriages, 732 Brannan, San Francisco, Cal.
Graveley, Frank P., & Co., architects, Board of Trade Office Bldg., New Orleans, La.
Gravely, John, architect, 64 E. Van Buren, Chicago, Ill.
Gravely, B. F. & R. P., insulator, pins & brackets, etc., Martinsville, Va.
Graven, Auker S., architect, 8 E Pearson, Chicago, Ill.
Gravenhorst & Co., varnish gums, etc., 96 Wall, New York.
Graver, H. A., brick, Lehighton, Pa.
Graver Corp., East Chicago, Ind.
See adv. index at end of book.
Gravert, Wm. J., Inc., heat resisting cement, 246 Jackson av, Long Island City, N. Y.
Graves, A. A., lumber, Loyal, Wis.
Graves, B. S., architects, Hammond, Ind.
Graves Bros., contractors, West Medford, Mass.
Graves Bros. Co., turpentine, Hosford, Fla.
Graves Bros. Lbr. Co., McNeil, Ark.
Graves, E. M., contractor, Swetland Bldg., Cleveland, Ohio.
Graves, F. E., Construction Co., 2520 Nicollet av, Minneapolis, Minn.
Graves File Co., file mfrs., 67 N. J. R. R. av, Newark, N. J.
Graves, Frank R., Co., absorbent & cotton waste, Albany, N. Y.
Graves, Frank, Sash. Door & Mill Co., Los Angeles, Cal.
Graves, Geo. P., architect, 570 Jackson av, Glencoe, Ill.
Graves, Geo. Wm., architect, Rowland Bldg., Detroit, Mich.
Graves, Harold S., architect, 120 Tremont, Boston, Mass.
Graves, Harry Prescott, architect, 18 Shattuck, Lowell, Mass.
Graves Heating Co., 162 N. Desplaines, Chicago, Ill.
Graves-Humphreys Hardware Co., Roanoke, Va.
Graves, L. C., & Co., carriages, Springboro, Pa.
Graves, L. L., machsts., Streator, Ill.
Graves Machy. Co., 2nd hand, Atlanta, Ga.
Graves Machin'y Exchange, 50 Church, New York.
Graves, Manbert Geo., & Co., lbr. packing box mfrs., Ft. Hertel av, Buffalo, N. Y.
Graves & Marshall Co., feed water heaters, etc., Dayton, Ohio.
Graves, N. Z., Corp., paint & varnish mfrs., 22 S. 3d, Philadelphia, Pa.
Graves & Patenotte, Inc., lbr., Robert, La.
Graves, Robt., Co., wall paper mfrs., 169 Madison av, New York.
Graves-Smith Co., fertilizer manufacturers, Camp Hill, Ala.
Graves & Stamp, lumber, Des Arc, Mo.
Graves, W. D. & Son, bldrs. & contrs., Stafford Springs, Conn.
Gravity Carbureter Co., Woodland av, Cleveland, Ohio.
Gravois, Fdry. & Mfg. Co., 3800 Delor, St. Louis, Mo.
Gravois Mach. Shop Co., 712 N. 10th, St. Louis, Mo.

Gravois Planing Mill Co., Minnesota & Juniata, St., Louis, Mo.
Gray-Aldrich Co., mchsts. & fdrs., 33 Commercial Wharf Boston, Mass.
Gray, Arthur F., architect, Watertown, Mass.
Gray, Arthur F., mill engrs., 509 Exchange Bldg., Boston, Mass.
Gray Bros., contractors, Rosemont, Pa.
Gray Bros., flour, Graysville, Ga.
Gray Bros., wholesale hdwe., Seattle, Wash.
Gray, C. L., Lbr. Co., Meridian, Miss.
Gray, Chas. M., Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.
Gray Constr. Co., Watertown, S. D.
Gray & Davis, lamps, Boston, Mass.
Gray & Dudley Hardware Co., Nashville, Tenn.
Gray, E. W., Lumber Co., Dagsboro, Del.
Gray Eagle Marble Co., Knoxville, Tenn.
Gray, Edw., contractor, Ft. Continental, Detroit, Mich.
Gray Elec. Co., electric light plants, Springfield, Ohio.
Gray, F. E., machst. & fndr., Middletown Springs, Vt.
Gray Fndry., Inc., castings, Poultney, Vt.
Gray, Frank B., architect, 1st Natl. Bank bldg., Antioch, Ill.
Gray, Frank E., architect, 86 Michigan, Milwaukee, Wis.
Gray, Fred E., machst., Middletown Springs, Vt.
Gray, G. A., Co., machine tools, Cincinnati, Ohio.
Gray, G. G., contractor, 51½ W. 3d, South, Salt Lake City, Utah.
Gray, Geo. H., architect, 367 Prospect, New Haven, Conn.
Gray, Geo. H., architect, Sweet Springs, Monroe County, W. Va.
Gray, Geo. H., & Son, lumber, Entiat, Wash.
Gray Hardware Co., Coshocton, Ohio.
Gray, Hawley, Mfg. Co., auto mufflers, 3123 E. Jeff. av, Detroit, Mich.
Gray Iron Casting Co., Springfield, Ohio.
Gray Iron Foundry Co., hardware mfrs., Reading, Pa.
Grey Iron Fdry Co., Muskegon, Mich.
Gray, J. A., Co., machsts., 18th & Bryant, San Francisco, Cal.
Gray, J. C., & Co., sash, door & blind mfrs., Lyondville, N. Y.
Gray, J. J., Jr., ferro-phosphorus, Rockdale, Tenn.
Gray, John M., architect, 112 Water, Boston, Mass.
Gray, Joshua, & Sons, lbr., Gardiner, Me.
Gray Lbr. Co., Waverly, Va.
Gray Mach. Tool Co., Inc., cut gears, gear & milling machy., 2661 Main, Buffalo, N. Y.
Gray Motor Co., engines, Detroit Term. R. R. & Mack, Detroit, Mich.
Gray, Peter, & Sons, special stampings & railway sheet metal ware mfrs., 286 Third, East Cambridge, Mass.
GRAY & PRIOR MACH. CO., universal joints, gasoline, kerosene, marine engines, 96 Suffield, Hartford, Conn.
See adv index at end of book
Gray, R. A., architect, Phoenix, Ariz.
Gray, Ralph W., architect, 19 Congress, Boston, Mass.
Gray & Ring, Inc., architects, 280 N Broad, Elizabeth, N. J.
Gray-Robinson Constr. Co., Manitowoc, Wis.
Gray, Russell T., advertising agency, 616 S. Michigan, Chicago, Ill.
Gray, S. & Co., cotton thread & twine, Walpole, Mass.
Gray, Sidney T., cornices, Lapeer, Mich.
Gray & Son, masons' & bldrs.' matls., Wooster, Ohio.
Gray & Son Glass Co., Falls Creek, Pa.
Gray Spec. Co., compounds, 148 Avon av, Newark, N. J.
Gray Summit White Sand Co., Boatmen's Bank Bldg., St. Louis, Mo.
Gray Telephone Pay Station Co., Hartford, Conn.
Gray Tractor Co., farm tractors, 30th av, S. E., & N. P. tracks, Minneapolis, Minn.
Gray, W. I., & Co., heating contractors, 914 Mary pl, Minneapolis, Minn.
Gray, Wm. S., & Co., acetone, denatured & wood alcohol, 80 Maiden la, New York.
Gray, Wm., & Sons Co., granite producers, 30th bel. Walnut, Philadelphia, Pa.
Grayling Dowel Co., dowel pins, Grayling, Mich.
Grayling Lumber Co., Ford Bldg., Detroit, Mich.
Grays Ferry Abattoir Co., meat packers, 36th & Gray's Ferry rd, Philadelphia, Pa.
Grays Harbor Commercial Co., lumber mfrs., ft. of 3d, San Francisco, Cal.
Grays Harbor Hardware Co., Aberdeen, Wash.
Grays Harbor Iron & Steel Co., mchsts & fdrs., Hoquiam, Wash.
Grays Harbor Logging Co., lumber, Aberdeen, Wash.
Grays Harbor Lumber Co., Hoquiam, Wash.
Grays Harbor Shingle Co., lumber, Aberdeen, Wash.
Gray's Harbor Shipbuilding Co., Aberdeen, Wash.
Gray's River Shingle Co., Roseburg, Wash.
Grayson Fertz. Co., Leitchfield, Ky.
Grayson Home Mixture Co., Grayson, Ga.
Grayson-McLeod Lbr. Co., Wright Bldg., St. Louis, Mo.
Grayson, Owen, Co., meat packers, Oakland, Cal.
Grazier Bros., masons' & bldrs.' matls., Tyrone, Pa.
Grazier Elec. Sign Products Co., flashers, Johnstown, Pa.
Greacen & Co., monograms & hdwe. mfrs., 480 Washington, Newark, N. J.
Grear, P. L., contractor, Albion, N. Y.
Grearson & Lane Co., granite, Barre, Vt.
Greason Mfg. Co., mill & facty. supplies, 108 W. 99th, New York.
Great American Chem. Products Co., Inc., salicylic acid, 640 B'way, New York.
Great Barrington Mfg. Co., Turkish towels, Great Barrington, Mass.
Great Eastern Clay Products Co., 175 5th av, New York.
Great Eastern Veneer Panel Co., 47th & 2d av, Brooklyn, N. Y.
Great Falls Iron Wks., Great Falls, Mont.
Great Falls Lumber Co., Great Falls, Mont.
Great Falls Mfg. Co., cotton sheetings, Somersworth, N. H.
Great Falls Meat Co., Great Falls, Mont.
Great Falls Chemical Co., boiler compounds, Appleton, Wis.
Great Lakes Boat Bldg. Corp., 333 Becher, Milwaukee, Wis.
Great Lakes Brass Fdry., castings, Bay City, Mich.
Great Lakes Chemical Wks., boiler compound, Appleton, Wis.
Great Lakes Dredge & Dock Co., 104 S. Mich. av, Chicago, Ill.
Great Lakes Elec. Mfg. Co., generators, 11-17 S. Desplaines, Chicago, Ill.
Great Lakes Engng. Works, Real Estate Exchange Bldg., Detroit, Mich.
Great Lakes Forge Co., drop forges & pipe wrenches, Racine av & 119th, Chicago, Ill.
Great Lakes Mfg. Co., hdwe., North Chicago, Ill.
Great Lakes Mining Co., Spahr bldg, Columbus, Ohio.
Great Lakes Pressed Steel Corp., 1400 Niagara, Buffalo, N. Y. (Succ. to Eagle Stamping Co. & Buffalo Metal Prod. Co.)
Great Lakes Refining Co., paints, 5716 Euclid av, Cleveland, O.
Great Lakes Steel Products Co., Inc., 431 S. Dearborn, Chicago, Ill.
Great Lakes Welding Co., 937 West, N. W., Cleveland, Ohio.
Great Northern Lbr. Co., Leavenworth, Wash.
Great Northern Mfg. Co., aluminum ware, 215 W. Rand, Chicago, Ill.
Great Northern Pail Co., Gillett, Wis.
Great Northern Paper Co., 30 E. 42d, New York.
Great Northern Sand & Stone Co., New Castle, Pa.
Great Northern Sewer Pipe Co., Empire, Ohio.
Great Southern Lumber Co., Bogalusa, La.
Great Western Canning Co., Delphi, Ind.
Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.
Great Western Fixture Wks., 211 W. Schiller, Chicago, Ill.
Great Western Electro Chemical Co., bleach, 9 Main, San Francisco, Cal.
Great Western Knitting Co., gloves, 110 Buffalo, Milwaukee, Wis.
Great Western Lbr. Co., box shooks, 268 Market, San Francisco, Cal.
Great Western Machinery Co. See Western Machy. Exchange (successors).
Great Western Mfg. Co., agrlt. implts., mill & facty. supplies, etc., Leavenworth, Kans.
Great Western Mfg. Co., bicycles & motorcyles, Pa Porte, Ind.
Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio.
Great Western Portland Cement Co., Kansas City, Mo.
Great Western Re-Fillable Fuse Co., 326 3d, Pittsburgh, Pa.
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
Great Western Stove Co., Leavenworth, Kans.
Great Western Stove Repair Co., 312 Hennepin av, Minneapolis, Minn.
Great Western Sugar Co., Denver, Colo.
Greater N. Y. Bedding Co., 39 East, New York.
Greater New York Brick Co., 103 Park av, New York.
Greater N. Y. Metal Box Co., 143 W. 19th, New York.
Greathouse, David B., brick, Lewisport, Ky.
Greaves-Klusman Tool Co., engine lathes, Cincinnati, Ohio.
Greaves, Robt. K. & Co., steel tool, 1336 W. Washington blvd, Chicago, Ill.
Greaves Spec'ty Co., centrifugal pumps, 44 E. 23d, New York.
Grebb, L., canned goods, Key Highway & Lawrence, Balto., Md.
Grebenzik, H., & Son, dyers' copper wks., N. Paterson, N. J.
Grecht, W. Co., canned goods, 1330 S. Sharp, Baltimore, Md.
Greco Canning Co., San Jose, Cal.
Greece Constr. Co., Rochester, N. Y.
Greeff, R. W., & Co., chem. importers, 80 Maiden lane, New York
Grede, Geo., & Bro. Co., carriages, 248 Reed, Milwaukee, Wis.
Gredig, Albert E., architect, Knoxville, Tenn.
Greek-Am. Sponge Co., 300 W. Randolph, Chicago, Ill.
Greek Products Impt. Co., olive oil, 804 W. Polk, Chicago, Ill.
Greely Stone Co., St. Paul, Ind.
Greeley, A. P., patent attorney, Wash. Loan & Trust bldg., Washington, D. C.
Green, A. H., Co., wood turner, 97 Warren, New York.
Green, A. P., Fire Brick Co., Mexico, Mo.
Green, Adolph, contractor, Green Bay, Wis.
Green, B. G., archl. iron, 213 Pacific, Brooklyn, N. Y.
Green, B. S., Co., horse collars, Bloomington, Ill.
Green & Bauer, X-ray app., Hartford, Conn.
Green Bay Barker Co., machsts. & fndrs., Green Bay, Wis.
Green Bay Brick Co., Green Bay, Wis.
Green Bay Canning Co., Green Bay, Wis.
Green Bay Carriage & Wagon Co., Green Bay, Wis.
Green Bay Cornice & Corrugating Co., Green Bay, Wis.
Green Bay Drive Calk Co., Green Bay, Wis.
Green Bay Foundry & Machine Co., Green Bay, Wis.
Green Bay Lumber Co., Des Moines, Ia.
Green Bay Paper & Fibre Co., Green Bay, Wis.
Green Bay Planing Mill Co., sash, door & blind, Green Bay, Wis.
Green Bay Soap Co., Green Bay, Wis.
Green Bay Trunk & Bag Co., Green Bay, Wis.
Green Bros., canned goods, Ball Ground, Ga.
Green Bros., lumber mfrs., Blockville, N. Y.
Green Bros., machsts. & fndrs., Lewisburg, Tenn.
Green Bros. Box & Lbr. Co., Rockford, Ill.
Green, C. E., & Son, brass & wire ferrules, 95 Passaic, Newark, N. J.
Green, Casper, & Son, flour mills, Morgan, Minn.
Green, Cyrus P., architect, Alva, Okla.
Green, D. D., cornices, 215 6th, Milwaukee, Wis.
Green, Daniel, Felt Shoe Co., Boston, Mass.
Green, Edw. B. & Sons, Inc., architects, 75 Niagara, Buffalo, N. Y.
Green Elevator Co., freight elevators, Wilmington, Del.
Green Engineering Co., machsts. & fndrs., East Chicago, Ind.
Green Fdry. & Furnace Works, Des Moines, Ia.
Green, Fred C., granite producer, Freeport, Me.
Green Fuel Economizer Co., Beacon, N. Y.
Green, G. S., Co., hdwe., whol., 74 Warren, New York.
Green, Geo., Lbr., Co., 22d & S. Canal, Chicago, Ill.
Green, H. H., architect, 30 N. Michigan av, Chicago, Ill.
Green, H. L., elec. fix. mfrs., Los Angeles, Cal.
Green, H. M., contractors, Kansas City, Mo.
Green-Haas-Schwartz Co., sweaters, cardigans, &c., Euclid av & E. 57th, Cleveland, Ohio.
Green Halter Co., Urbano, Ohio.
Green, Hy. J., barometers, gauges, recorders, thermometers, etc., 1191 Bedford av, Brooklyn, N. Y.
Green, Herbert H., architect, 155 N. Clark, Chicago, Ill.
Green, Herbert S., architect, Alamo Bk. bldg, San Antonio, Tex.
Green Hill Fire Brick Co., North East, Md.
Green Insulation Co., paper, Cleveland, Ohio.
Green, Isaac H., architect, Sagville, N. Y.
Green, Jas. C., architect, 2 Columbus Circle, New York.
Green (John C.) School of Science, Engng. Schools & Coll., Princeton, N. J.
Green, John, & Sons, machsts., Hoopeston, Ill.
Green, Jordan, architect, 27 Clinton, Newark, N. J.

Green, L. A., rails, machinery & equipment (never used), 1st Natl. Bank Bldg., Pittsburgh, Pa.
Green, L. S., architect, 1818 F, Galveston, Tex.
Green, M. A., & Co., hot air furnaces, Bridgeport, Conn.
Green Machy. & Mfg. Co., Salt Lake City, Utah.
Green Mfg. Co., automobiles, Cobleskill, N. Y.
Green Mfg. Co., furniture, 1500H N Halsted, Chicago, Ill.
Green Mill Co., Inc., lbr., Quilcene, Wash.
Green Mountain Lime Corp., Worcester, Mass.
Green Mt. Packing Co., canned goods, Portland, Me.
Green Mt. Slate Co., roofing slate, Poultney, Vt.
Green Oil Soap Co., 166 N. Curtis, Chicago, Ill.
Green Piano Co., Louisville, Ky.
Green & Pierson, masons' & bldrs.' matls., Madison, N. J.
Green, Richard T., Co., ship bldrs., Chelsea, Mass.
Green River Chair Co., Livermore, Ky.
Green River Lbr. Co., Memphis, Tenn.
Green River Woolen Mills, Phil, Ky.
Green, Robt. M., & Sons, soda water fountains, 1413 Vine, Philadelphia, Pa.
Green, Robt. S., masons' & bldrs.' matls. & twine mfrs., 3232 Fkd. av ext., Baltimore, Md.
Green, S. M. Co., architect, 293 Bridge, Springfield, Mass.
Green, Sam'l M., Co., engineers, architects & contractors, Springfield, Mass.
Green, Samuel M. Co., architect, Stearns bldg., Bridgeport, Conn.
Green & Sons Co., contractors, Orland, Chicago, Ill.
Green, Thos. L., & Co., bakers' machy., Indianapolis, Ind.
Green, W. E. E., architect, Luverne, Minn.
Green, W., Elec. Co., 81 Nassau, New York.
Green, Warren E., Co., contractors, 29 W. 38th, New York.
Green Watchmakers' Guild, Time Hill, Cincinnati, Ohio.
Greenabaum Bros., canned goods, Seaford, Del.
Greenbaum, I., plbrs. supplies, 64 E. 116th, New York.
Greenberg, A. Benton, architect, 8 W. 64th, New York.
Greenberg & Bartlett, contractors, 103 Park av., New York.
Greenberg, Chas. F., soap, Scranton, Pa.
Greenberg Guarantee Roofing Co., cornices, 22 Catherine, New York.
Greenberg, Louis, mill, factory & plbrs. supplies, 43 Suffolk, New York.
Greenberg's, M., & Sons, castings, 225 Beale, San Francisco, Cal.
Greenbrier Milling Co., flour, Alderson, W. Va.
Greencastle Cabinet Co., Greencastle, Ind.
Greencastle Fdry. & Mach. Co., Greencastle, Ind.
Greene Aeronautical Co., aeroplane stabilizers, Elyria, Ohio.
Greene Bros., htg. contrs., 417 Hanover, Boston, Mass.
Greene, Byron W., Jr., Co., bldg. matls., 309 av B, New York.
Greene & Daniels Co., warps, thread, twine, Pawtucket, R. I.
Greene, Ernest, architect, 52 Vanderbilt av, New York.
Greene, F. J., Engineering Wks., Racine, Wis.
Greene & Greene, architects, Pasadena, Cal.
Greene, Henry M., architect, Pasadena, Cal.
Greene, H. W., Constr. Co., 8 S. Dearborn, Chicago, Ill.
Greene, J. E., architect, American Trust Bldg., Birmingham, Ala.
Greene, J. W., architect, Ravenna, Ohio.
Greene Mfg. Co., furniture, Dept. H, Greene, N. Y.
Greene Mineral Paste Co., metal polish, Keene, N. H.
Greene, Nelson (Est. of), machsts., Edmeston, N. Y.
Greene, Philip, contractors, Pawtucket, R. I.
Greene, Robinson, architect, Williamson Bldg., Cleveland, Ohio.
Greene, Robinson, architect, 36 State, Detroit, Mich.
Greene & Sons, stone, 3403 Lowe av, Chicago, Ill.
Greene, Tweed & Co., hardware mfrs., 109 Duane, New York.
Greene-Wolf Co., steel merchants, 30 Church, New York.
Greene & Wood, masons' & bldrs' matls., New Bedford, Mass.
Greeneville Packing Co., meat packers, Greeneville, Tenn.
Greenfield, Arthur, Inc., concrete steel const., 204 E. 26th, New York.
Greenfield Box Co., 21 Gold, New York.
Greenfield Constr. Co., Hornell, N. Y.
Greenfield, Geo. H., architect, 4351 Oakenwald av, Chicago, Ill.
Greenfield, Jas L., landscape architect, 1 B'way, New York.
Greenfield Tap & Die Corp., screw cutting, tools, taps, dies, screw plates, reamers, pipe tools, gages & machine tool mfrs., Greenfield, Mass. *See adv. index at end of book.*
Greengard, Bernhard C., architect, 175 W. Jackson blvd, Chicago, Ill.
Greenhalg Bros., cotton & Turkish towels, 2218 Martha, Philadelphia, Pa.
Greenhalgh, Geo. H., screw machine products, 5th av, Newark, N. J.
Greenlaw, A. E., architect, Camden, Me.
Greenlaw Lbr. Co., Flagstaff, Ariz.
Greenlaw Mfg. Co., flexible joints, 141 Milk, Boston, Mass.
Greenleaf, E. T., architect, Upland, Cal.
Greenleaf, Jas. L., landscape architect, 1 B'way, New York.
Greenleaf, Jno. C., architect, 15 W. 38th, New York.
Greenleaf-Johnson Lbr. Co., Norfolk, Va.
Greenleaf, L. C., architect, 101 Tremont, Boston, Mass.
Greenleaf Stone Co., Green Bay, Wis.
Greenlee Bros. & Co., machsts. & fndrs., Rockford, Ill.
Greenlee Fndry. Co., 664 W. 12th, Chicago, Ill.
Greenlee Stone & Bldg. Co., Denver, Colo.
Greenley, Howard, architect, 175 5th av, New York
Greenlie-Halliday Co., machsts., 499 Water, New York.
Greenlie, Wyatt & Co., nut mfrs., 499 Water, New York.
Greenman, Wm. B., contractor, 350 Fulton, Brooklyn, N. Y.
Greenmount Iron & Mfg. Co., fndrs., 889 Greenmount av, Baltimore, Md.
Greeno, C. C., ties, poles & posts, Burnside, Ky.
Greenpoint Brass Fdry., 38 Franklin, Brooklyn, N. Y.
Greenpoint Chemical Wks., 425 Greenpoint av, Brooklyn, N. Y.
Greenpoint Fire Brick Co., 111 Clay, Brooklyn, N. Y.
Greenpoint Metallic Bed Co., 226 Franklin, Brooklyn, N. Y.
Greenport Basin & Const. Co., machsts., Greenport, N. Y.
Green's Car Wheel Mfg. Co., 3000 N. B'way, St. Louis, Mo.
Green's, Hannibal Son, & Co., whol. hdwe., Troy, N. Y.
Greensboro Hdwe. Co., whol., Greensboro, N. C.
Greensburg Coal Co., bituminous, Greensburg, Pa.
Greensburg-Connellsville Coal & Coke Co., bituminous, 1st Nat'l. Bk. bldg, Pittsburgh, Pa.
Greensburg Fdry. & Mach. Co., Jeannette, Pa.
Greensburg Glass Co., bottles, jars—milk, Greensburg, Pa.
Greensburg Limestone Co., Greensburg, Ind.
Greenslade, John, fndry,, 172 Corcoran av, Milwaukee, Wis.
Greenspan, Wolf & Sons, willow baskets & furniture, 686 Grand, Brooklyn, N. Y.
Greenspon's, Jos., Sons Iron & Steel Co., oil well supplies, etc., 67 Branch, St. Louis, Mo.
Greenstein, L., architect, Prudential Bldg., Buffalo, N. Y.
Greenstein, S. & Son, furniture, 206H W 29th, New York
Greentown Canning, Ice & Mfg. Co., Greentown, Ind.
Greenup Milling Co., flour, Greenup, Ky.
Greenville Gravel Co., Greenville, Ohio.
Greenville Cotton Oil & Mfg. Co., Greenville, Ga.
Greenville Implement Co., Greenville, Mich.
Greenville Iron Wks., aluminum, brass & grey iron castings, Greenville, S. C.
Greenville Mfg. Co., galv. steel tanks, Greenville, Ohio
Greenville Mill & Elevator Co., flour, Greenville, Tex.
Greenville Milling Co., lumber, Greenville, Ky.
Greenville Silica Co., silica sand, Greenville, Pa.
Greenville Spool & Mfg. Co., Greenville, S. C.
Greenville Steel Car Co., underframes, Greenville, Pa.
Greenville Textile Supply Co., mill supplies, Greenville, S. C.
Greenwald Display Fixture Co., window display fix., 234 5th av, New York.
Greenwald Packing Co., meat packers, Brunswick nr Wilkens av, Baltimore, Md.
Greenwald & Pollak, contractors, 30 E. 42d, New York.
Greenwell, N., Lumber Co., New Haven, Ky.
Greenwich Sash & Door Co., Greenwich, Conn.
Greenwood Advertising Co., electric illuminated signs, Knoxville, Tenn.
Greenwood Advtg. Co., elec. sign flashers, 1942 S. Main, Los Angeles, Cal.
Greenwood Associates, revolving chairs, Gardner, Mass.
Greenwood-Atkinson-Armstrong Co., employees' uniforms, flag mfrs., 75 Woodward, Detroit, Mich.
Greenwood, Chester & Co., boring & special machy., Farmington, Me.
Greenwood China Co., Trenton, N. J.
Greenwood Coal Co., McAlester, Okla.
Greenwood & Co., masons' & bldrs.' matls., Warren, Ohio.
Greenwood Constr. & Supply Co., 48 Terminal wy, Pittsburgh, Pa.
Greenwood Cotton Mills, sheetings, Greenwood, S. C.
Greenwood Lbr. Co., Ass'n Bldg., Chicago, Ill., & Ontonagon, Mich.
Greenwood Mfg. Co., water closet bends, 5140H Greenwood, Detroit, Mich.
Greenwood Pottery Co., Trenton, N. J.
Greenwood, S. J., contr., Bridgeport, Conn.
Greenwood System, advtg. signs, Knoxville, Tenn.
Greer-Beatty Clay Co., Magnolia, Ohio.
Greer Chemical Co., emery grinders, 20 N. Jackson blvd, Chicago, Ill.
Greer Cotton Seed Oil & Fertz. Co., Greer, S. C.
Greer, Edwin K., masons' & bldrs.' matls., Wareham, Mass.
Greer Fertz. Co., Greer, S. C.
Greer, Fredric, screw mach. products, 525 W. Vanburen, Chicago, Ill.
Greer, J. L., lumber, Greer, Fla.
Greer & Laing, wholesale hdwe., Wheeling, W. Va.
Greer, Lloyd, architect, Valdosta, Ga.
Greer Steel Co., cold rolled strip steel, Dover, Ohio.
Greever, J. A., wholesale hdwe., Tazewell, Va.
Gregerstsen Bros. Co., lumber, McCormick Bldg., Chicago, Ill.
Gregg Co., Ltd., cars, Hackensack, N. J.
Gregg Fertilizer Co., Doerun, Ga.
Gregg Hardware Co., 44 Cadillac sq, Detroit, Mich.
Gregg & Leisenring, architects, 1320 New York av, N. W., Washington, D. C.
Gregg & Pletcher, contractors, Zanesville, Ohio.
Gregg & Son, sashes, doors & blinds, Nashua, N. H.
Gregg Varnish Co., Grand & McKissock av, St. Louis, Mo.
Gregg, Wm. D. Rogers, Co., carriages, & auto. wood bodies, 1926 Arch, Philadelphia, Pa.
Gregori, Raymond, architect, 1236 Eddy, Chicago, Ill.
Gregorio, Nicholas, & Co., contractors, 860 E. 228th, New York.
Gregory Coke, Coal & Lime Co., Marshalltown, Ia.
Gregory, E. R., contractor, 60 W. Dedham, Boston, Mass.
Gregory Elec. Co., machy., 1601 S. Lincoln, Chicago, Ill.
Gregory, Frank M., contractor, Zionsville, Ind.
Gregory Fruit Co., canned, Colton, Cal.
Gregory Furn. Mfg. Co., Dept. H, Tacoma, Wash.
Gregory, Julius, architect, 56 W. 45th, New York
Gregory, M., lbr., Marydell, Ky.
Gregory Rubber Co., Akron, Ohio.
Gregory & Sherman, masons' & bldrs.' matls., Nyack, N. Y.
Gregory, T. J., Handle Wks., Cookeville, Tenn.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Gregory, Thos., Galvanizing Wks., 263 N. Henry, Brooklyn, N. Y.
Gregory, W. T., contractor, Norfolk, Va.
Gregoy, Wm., machinist, Los Angeles, Cal.
Gregory, Wm. S., architect, 40 W 32d, New York
Greif Bros. Cooperage Co., 1937 Willey av, Cleveland, Ohio.
Greig, George, lumber, Arnaudville, La.
Greilick Mfg. Co., lbr., sash, door & blind mfrs., Traverse City, Mich.
Greilling Bros. Co., dock bldrs. & contr., Green Bay, Wis.
Grein, Geo., contractor, Youngstown, Ohio.
Greiner, Emil, Co., chemical app., etc., 55 Fulton, New York.
Greiner, Gottlieb, laboratory app., 81 John, New York.
Greiner, T., Bldg. & Cont. Co., contractors, Louisville, Ky.
Greisler, Fred N., architect, Lafayette Bldg., Phila., Pa.
Greist Mfg. Co., machsts., New Haven, Conn.
Greiwe, E., & Bro., cornices, 1128 B'way, Cincinnati, Ohio.
Grell, Jacob W., elec. light fix. mfrs., 812 Noble, Phila., Pa.
Grendel Mills, cotton sheetings, Greenwood, S. C.
Grenier, Albert J., architect, 204 Beech, Fitchburg, Mass.
Grenier, Francis G., architect, Rowland bldg, Detroit, Mich.
Gresham Fruit Growers' Assn., canned, Gresham, Ore.
Gresham Mfg. Co., machinists, Griffin, Ga.
Gress Mfg. Co., lumber, Jacksonville, Fla.
Greth Machine Works, Reading, Pa.
Grether Fire Equip Co., flood light projectors, Dayton, Ohio.
Grettenberger Sons, machsts., Tidioute, Pa.
Gretter H. A., oil burners, Frankfort, Ky.
Grewe, John, Construction Co., Century Bldg., St. Louis, Mo.
Grey, Elmer, archt., Wright & Callender Bldg., Los Angeles, Cal.
Grey Iron Casting Co., Mount Joy, Pa.
Greylock Mill Supply Co., Adams, Mass.
Gribben Lbr. Co., Chicago & Walker, St. Paul, Minn.

Grid-Iron Grip Wheel Co., Toledo, Ohio
Greynalds & Monroe, Inc., contrs., West Palm Beach, Fla.
Gribble Advtg. Co., advtg. nov., 78 Main, Galena, Ill.
Gridley-Fuhrman-Martin Co., whol. hdwe., Elmira, N. Y.
Griebel, E. G., machsts. & fndrs., Woodstock, Ill.
Griebel Instrument Co., thermometers, Carbondale, Pa.
Griebel & Ebeling, architects, E. 17th & Chestnut av, Cleveland, Ohio
Grieco, Chas. P., & Co., contractors, Lock Haven, Pa.
Grieme, H. C., Co. (Est. of), masons' & bldrs.' matls., Amsterdam, N. Y.
Grieme, Henry W., architect, Amsterdam, N. Y.
Grier Bros. Co., miners' lamps, 124 2d av, Pittsburgh, Pa.
Grier, F. A., & Sons, machsts., Salisbury, Md.
Grier, R. D., & Sons Co., Salisbury, Md.
Grier, Robt. D., & Sons Co., mill & facty. supplies, Salisbury, Md.
Gries Bros., hardness testing & marking machy., 450 E. 148th, New York.
Griesbaum, Wm. J., contractor, Pottsville, Pa.
Griesemer Graphite Co., Anniston, Ala.
Grieshaber, Carl F., architect, 4 E. 39th, New York.
Grieshaber Pen Co., fountain pen mfrs., 118 N. State, Chicago, Ill.
Grieshaber, Wm., scrap iron, steel & rubber, Reading, Pa.
Griesler, Abramson & Co., architects, Lafayette Bldg., Phila., Pa.
Griesser, Richard, brewery architect, 64 W. Randolph, Chicago, Ill.
Grieves, C. S., Paint Co., Amesbury, Mass.
Griffen, Benjamin, plate glass, 40 Vestry, New York.
Griffin, A. J., architect, North Bend, Ore.
Griffin & Boehme, cornices, 350 W. University av, St. Paul, Minn.
Griffin Broom Co., Chanute, Kans.
Griffin Bros., contrs., Norfolk, Va.
Griffin Bros., school slates, Bangor, Pa.
Griffin Button Co., Shelton, Conn.
Griffin-Cantrell Hdwe. Co., Rome, Ga.
Griffin, C. N., Co., contractors, 3111 Carnegie av, S. E., Cleveland, Ohio.
Griffin, C. W. See Griffin Broom Co. (successors).
Griffin, Chas., mill engrs., 1 Arch, Lowell, Mass.
Griffin & Co., masons' & bldrs.' matls., Gloucester, Mass.
Griffin Construction Co., Atlanta, Ga.
Griffin, D. F., & Bros., contractors, Portland, Me.
Griffin Envelope Co., 25 Fremont, San Francisco, Cal.
Griffin, F. W., architect, Porterville, Cal.
Griffin Fndry. & Mfg. Co., Rome, Ga.
Griffin, G. W., Co., machsts. & fndrs., Franklin, N. H.
Griffin, Geo. B. & C. M., broom corn, Charleston, Ill.
Griffin, Geo. W., architect, Concord, N. H.
Griffin, H., & Bro., contractors, Nashville, Tenn.
Griffin, H. F., steel struct. wk., Mennen Annes, New Orleans, La.
Griffin, H. M., architect, Connersville, Ind.
Griffin, Henry O., & Co., mill & factory supplies, 143 Varick, New York.
Griffin, J. De F., architect, Chehalis, Wash.
Griffin, J. M., lbr., Blodgett, Miss.
Griffin, John F., Co., contractors, 17 Milk, Boston, Mass.
Griffin, John J., & Co., machsts., 1513 Race, Philadelphia, Pa.
Griffin Lumber Co., Sandy Hill, N. Y.
Griffin, M. J., contractor, 169 Stanton av, Detroit, Mich.
Griffin Mfg. Co., cottonades & tickings, Griffin, Ga.
Griffin Mfg. Co., hardware mfrs., Erie, Pa.
Griffin Oil Mill Co., Griffin, Ga.
Griffin Roofing Co., 506 W. 26th, New York.
Griffin & Satterwhite, wholesale hdwe., Roanoke, Ala.
Griffin & Skelley Co., canned goods, San Francisco, Cal.
Griffin Specialty Co., clamps, 506 W. 26th, New York.
Griffin Transfer Co., masons' & bldrs.' matls., Tacoma, Wash.
Griffin, W. D., contr., Macon, Ga.
Griffin, Walter Burley, architect, 175 W. Jackson blvd., Chicago, Ill.
Griffin Wheel Co., machsts. fndrs., 332 S. Michigan, Chicago, Ill.
Griffin & Wynkoop, architects, 30 Church, New York.
Griffith & Boyd Co., fertilizer mfrs., Keyser Bldg., Baltimore, Md.
Griffith Bros., Slate Co., roofing slate mfrs., Slatington, Pa.
Griffith, C. A., & Co., advtg. nov., Bellingham, Wash.
Griffith, C. H., cornices & skylights, Bernardsville, N. J.
Griffith Cornice Wks., 2441 Indiana av, Chicago, Ill.
Griffith, David, granite producer, Penryn, Cal.
Griffith, E. R., & W. M., contractors, West Chester, Pa.
Griffith, E. S., broom corn, 749H Washington, Minneapolis, Minn.
Griffith, Edwin, St. John, architect, 2014 Franklin av, Seattle, Wash.
Griffith & Fair, architects, 505-6 Bass Blk., Fort Wayne, Ind.
Griffith, Frank H., masons' & bldrs.' matls., Kingston, N. Y.
Griffith, G. V., & Son, wood handles, Muncie, Ind.
Griffith, Geo. D., & Co., lbr., 11 S. La Salle, Chicago, Ill.
Griffith, Geo. J., archl. iron, Johnstown, Pa.
Griffith, Geo. T., architect, Crawfordsville, Ind.
Griffith & Goodrich, architects, Mo. Am. Bldg., Fort Wayne, Ind.
Griffith Hdwe. Co., cornices, Girardville, Pa.
Griffith, Harry C., architect, Canby Bldg., Dayton, Ohio.
Griffith, Jas. E., contractor, Freeland, Pa.
Griffith, Jas., & Sons Co., contractors, Reading rd & E. 12th, Cincinnati, Ohio.
Griffith Lumber Co., Santa Ana, Cal.
Griffith Mfg. & Supply Co., machsts. & fndrs., Griffith, Ind.
Griffith, Robt. C., cooperage stock, Terre Haute, Ind.
Griffith, T. A., sashes, doors & blinds, Okla. Okla.
Griffith Tool Works, 321 Market, Phila., Pa.
Griffith, W. F. & Bro., canned goods, Emmerton, Va.
Griffith, Webster, lumber, Ebensburg, Pa.
Griffith & Wedge Co., machsts. & fndrs., Zanesville, Ohio.
Griffith, Wm., roofing slate, Poultney, Vt.
Griffith, Wm. M., architect, Sapulpa, Okla.
Griffiths, A. J., & Son, boiler compounds, 3526 Gtn. av, Philadelphia, Pa.
Griffiths Charcoal Iron mills, Washington, Pa.
Griffiths & Co., masons' & bldrs.' matls., Dallas, Tex.
Griffiths, E. T. (Smith & Griffiths), architect, Gerlinger bldg, Portland, Ore.
Griffiths, Jas. A., boiler castings, brass castings, 1315 Buttonwood, Philadelphia, Pa.
Griffiths, John, & Son Co., contractors, 112 W. Adams, Chicago, Ill.
Griffiths, K. F., & Co., abrasives, cyanide, etc., 81 Fulton, New York.
Griffiths Machine Works, 22 Clementina, San Francisco, Cal.
Griffiths & Pierce, contractors, Utica, N. Y.
Griffoul, A., & Bros. Co., machsts. & fndrs, 280-286 Chestnut, Newark, N. J.
Grigg-Hanna Co., packing box mfrs., 1262 Michigan av, Detroit, Mich.
Griggs & Ball, masons' & bldrs.' matls., East Aurora, N. Y.
Griggs, D. B., & Sons, box shooks, Chicopee Falls, Mass.
Griggs, G. W., architect, San Bernardino, Cal.
Griggs, Ichabod N., & Son, masons' & bldrs.' matls., Holland, N. Y.
Griggs Packing Co., meat packers, Roanoke, Va.
Grigsby & Co., fertilizer mfrs., Bardstown, Ky.
Grimes Bros., feed, Lexington, N. C.
Grimes Canning & Preserving Co., Grimes, Ia.
Grimes, G. W., Co., well drilling machy., machsts. & fndrs., Bluffton, Ind.
Grimes & Harris, machsts. & fndrs., Leominster, Mass.
Grimes, J. O., turpentine distillers, Wilmington, N. C.
Grimes Milling Co., flour, Salisbury, N. C.
Grimes, P. G., jigs, fixtures, gages & small tools, Milford, Conn.
Grimm, G. H., machst., Rutland, Vt.
Grimm Iron Works, architectural iron, etc., Cincinnati, Ohio.
Grimm, John A., masons' & bldrs, matls., Hartford, Wis.
Grimm, Max, masons' & bldrs.' matls., Troy, N. Y.
Grimm, Nichoas R., architect, McLean Bldg., Washington, D. C.
Grimm, Paul, scrap brass & rubber, 284 Front, New York.
Grimond, J. & A. D. (Ltd.), burlap bagging, etc., 320 B'way, New York.
Grimshaw, Young & Co., fruit pickers, Lowell, Mass.
Grinberg Bros., stoves, 154 South, New York.
Grindan Mfg. Co., grinding preparations, Albany, N. Y.
Grinden Art Metal Co. See Lawton-Stephens Co. (successor).
Grindle, Alf., architect, Nashville, Ind.
Grindol, W. H., & Sons, stone prod., Decatur, Ill.
Grinels, M. P., canned goods, Bushy, Va.
Gring, J. M., Co., masons' & bldrs.' matls., Reading Pa.
Grinnan, J. C., masons' & bldrs.' supplies, Arcade Bldg., Norfolk, Va.
Grinnell Canning Co., Grinnell, Ia.
Grinnell Clay Products Co., Grinnell, Iowa.
Grinnell Elec. Car Co., stor. battery trucks, 473 Woodward av, Detroit, Mich.
Grinnell Electric Heater Co., Grinnell, Ia.
Grinnell Washing Machine Co., Grinnell, Ia.
Grip Nut Co., McCormick Bldg., Chicago, Ill.
Grip-Tite Co., belt dressing, New Brunswick, N. J.
Grippin Mfg. Co., wood fillers, Newark, N. J.
Griscom-Russell Co., machinery mfrs., 92 West, New York.
See adv index at end of book.
Griser, Keith L., architect, 2109 Leland av, Chicago, Ill.
Grisham, C. S., & Co., flour mills, Newbern, Tenn.
Grismore-Hyman Co., cooperage stock, Memphis, Tenn.
Grissel, J. P., Cornice Co., Cedar Rapids, Ia.
Griswold, Geo., architect, Middletown, Conn.
Griswold, Geo. M., Mach. Co., New Haven, Conn.
Griswold Mfg. Co., aluminum & iron cooking utensils & stoves, Erie, Pa.
Griswold Mfg. Co., machsts., Rock Island, Ill.
Griswold, Richmond & Glock Co., cornices & skylights, Meriden, Conn.
Griswold-Sohl Co., whol. hdwe., 79 N. Front, Columbus, Ohio
Griswoldville Mfg. Co., crinoline, Griswoldville, Mass.
Groah, B. A., Constr. Co., 847 W. North, Pittsburgh, Pa.
Grob-Gamsby Hdwe. Co., Inc., whol. hdwe., 100 Maiden lane, New York.
Grobert, Henry, contractor, East Orange, N. J.
Groce, Charles E., meat packer, Circleville, Ohio.
Groch, Fred'k, Coal Co., masons' & bldrs.' matls., Sandusky, O.
Groch, Max, machst., 41 Av L, Newark, N. J.
Grodin Bros., scrap rubber, 1233 E. 38th, Cleveland, Ohio.
Groendyke, J. C. Co., cordage and twine mfr., 8 S. Dearborn, Chicago, Ill.
Groening Bros., flour, Lehigh, Kans.
Groeninger, J. J., Co., cornices, Evansville, Ind.
Groeschel, Jacob, heating contr., 1513 Lloyd, Milwaukee, Wis.
Groezinger's, G., Sons, leather & belting mfrs., Lancaster, Pa.
Groff, Aaron, carriages, Oakbottom, Pa.
Groff, F. A., & Son, cow milking machines, St. Johnsville, N. Y.
Groff & Weaver, carriages, New Holland, Pa.
Grogan, Chas. P., canned goods, Los Angeles, Cal.
Grogan Mfg. Co., lbr., Gladstell, Texas.
Groll, P. J., Constr. Co., 145 E. 53rd, New York.
Groman Bros. (Ltd.), brick, South Bethlehem, Pa.
Gromann, Hy F., yacht sails, 320 Pearl, New York.
Grona, A., mattresses, San Antonio, Tex.
Gronborg, C. C., cornices, West New York, N. J.
Grone, Louis H., contractor, Benvist Bldg., St. Louis, Mo.
Gronenberg, H., architect, 1857 63rd, Brooklyn, N. Y.
Gronen & Cowan, lumber mfrs., Waterloo, Ia.
Gronenberg & Leuchtag, architects, 303 5th av, New York.
Groner & Rowell Co., lbr., Scholls, Ore.
Groomes, Thos. C., architect, Rockville, Md.
Grosback, Wm., & Co., archl. iron, 37 Maspeth av, Brooklyn, N. Y.
Groscup Co., heating contractors, St. Paul & 26th, Baltimore, Md.
Groseclose, J. C., flour mills, Crockett, Va.
Grosklaus, John, & Son, contractors, 299 Old Bergen rd, Jersey City, N. J.
Groskopf Bros., trunk mfrs., Grand Rapids, Mich.
Grosline, W., lumber mfrs., Millers Mills, N. Y.
Gross, A., & Co., candles, oils, etc., 90 West, New York.
Gross Bros., machsts. & fndrs., Eugene, Ore.
Gross Bros., sashes, doors & blinds, Homeworth, Ohio.
Gross Chandelier Co., 1107 Locust av, St. Louis, Mo.
Gross Co., agricultural implements, Carroll, Ia.
Gross, Conrad, carriages, Richmond, Va.
Gross, F. C., & Bros. Co., meat packers, Muskego av, Milwaukee, Wis.
Gross, F. H., cornices & skylights, Washington, Ind.
Gross-Feibel Co., machsts., Hillsboro, Ohio.
Gross, Fred B., & Son, brick, Orland, Me.
Gross, Fred E., & Son, Inc., contrs., Yonkers, N. Y.
Gross, G. V., & Co., essential oils, 30 Old Slip, New York.
Gross, Geo., & Son, pipe brackets, cast iron basins, Rockaway Beach, L. I.

Gross, H. E., & Co., mattresses, 823 Rebecca, Pittsburgh, Pa.
Gross & Herman, contractors, 529 W. 158th, New York.
Gross & Kleinberger, architects, Bible House, New York.
Gross Mfg. Co., machsts. & brass fndrs., Hazelton, Pa.
Gross, Otto, oils, ore, plumbago, etc., 66 Beaver, New York.
Gross, Philip, Hdwe. Co., 218 3d, Milwaukee, Wis.
Gross Star Gas Iron Co., 12 N. Market, Chicago, Ill.
Gross, W. H., marble producers, Lee, Mass.
Grossberg, H. T., & Co., mattresses, 4658 B'way, Chicago, Ill.
Grosscup & Sons, contractors, Bridgeton, N. J.
Grosse, R. E., masons' & bldrs.' matls., Mason, Tex.
Grosser Knitting Mach. Co., 260 W. B'way, New York.
Grossius, Jno., Furnace Co., machsts. & fndrs., 318 E. 8th, Cincinnati, Ohio.
Grosskopf, Fred A., lumber, Pella, Wis.
Grossman Bros. & Rosenbaum, elevators, vault lights, archl. iron, Willow av & 133d, New York.
Grossman, Emil, Mfg. Co., spark plugs, 167 41st, B'klyn, N. Y.
Grossman & Hooe Saddlery Co., 221 Main, Cincinnati, Ohio.
Grossman, M., scrap iron, brass, copper, 560 Maxwell, Chicago, Ill.
Grosso, Flavio B., architect, 126 Market, Paterson, N. J
Grosso, James, contr., Bridgeport, Conn.
Grosswiller, Jos. F., Co., plumbers' supplies, 430 Huron, Toledo, Ohio.
Grosvenor-Dale Co., cotton sheetings, Grosvenor Bldg., Providence, R. I.
Grotbe, Wm. H., brick, York, Pa.
Grote, F., & Hubbell Co., mirrors, monograms, buttons, etc., 82 4th av, New York.
Grote, F., Mfg. Co., machsts. & fndrs., Evansville, Ind.
Grote, Geo. W., & Co., cement, paints, putty, etc., 430 E. 102d, New York.
Groth, Adam, & Co., Inc., stone prod., Joliet, Ill.
Groth, J. F., & Son, lime, Cedarburg, Wis.
Grothe, John J., snow plows, Woburn, Mass.
Grotnes, Chas., machst., 128 N. Jefferson, Chicago, Ill.
Groton Bridge Co., steel tract. wk., Groton, N. Y.
Groton Electrical Devices, Inc., air drying mach., Groton, N. Y.
Groton Iron Wks., shipbldrs., Noank, Conn.
Groton Leatherboard Co., 16 State, Boston, Mass.
Groton & Lidgerwood Co., steam boilers & valves, 96 Liberty, New York.
Groton Milling Co., wheat, flour & feed, Groton, S. Dak.
Grotz, Chas. J., architect, 2618 N. Sawyer av, Chicago, Ill.
Grove City Brass & Bronze Co., Grove City, Pa.
Grove City College Dept. of Mech. & C. E. Engng. School & Coll., Grove City, Pa.
Grove City Limestone Co., Grove City, Pa.
Grove Feed & Storage Co., flour mills, Elkins, W. Va.
Grove, Geo. H., architect, 213 Walnut, Harrisburg, Pa.
Grove, Isaac, machst., Rheems, Pa.
Grove Linseed Oil Co., Del. av & Bigler, Philadelphia, Pa.
Grove, M. J., Lime Co., Lime Kiln, Md.
Grove, O. S., architect, 2911 Telegraph av, Berkeley, Cal.
Groveland Coal Mining Co., McCormick Bldg., Chicago, Ill.
Groveland Mills, woolen flannels, South Groveland, Mass.
Grover, C. L., architect, Willmar, Minn.
Grover File Co., file makers & moving truck mfrs., Nashua, N. H.
Grover, John D., & Son, cattle, plastering & curled hair, Somerset & Tulip, Philadelphia, Pa.
Grover, R. A., handles, dowels, skewers, etc., Andover, Me.
Groves, Albert B., architect, 314 N. 4th, St. Louis, Mo.
Groves, Eugene G., architect, A. C. Foster Bldg., Denver, Colo.
Groves, L. M., contractor, 7 Rockwood av, Worcester, Mass.
Groveton Paper Co., Inc., Groveton, N. H.
Grow, F. J., lumber, Napoleon, Ind.
Growall, J. P., sash, door & blind, Rockwood, Pa.
Growers' Canning Co., Council Bluffs, Iowa.
Grozier, Jas. H., Co., contractors, Hartford, Conn.
Grubb, Geo. W., sashes, doors & blinds, Greencastle, Ind.
Grubb & Kosegarten Bros., fndrs., Nassau, N. Y.
Grube, Adam, & Son, brick, Springfield, Ohio.
Grube, E. A., contractor, Youngstown, Ohio.
Grube, H. L., lumber whol., Baltimore & South, Baltimore, Md.
Gruber & Co., masons' & bldrs.' matls., St. Cloud, Minn.
Gruber & Doss, masons' & bldrs.' matls. & architects, Shelbyville, Ky.
Gruber, E. Wm., brick, Ord, Neb.
Gruber, Rupert & Co., cornices, 541 Sherman, Buffalo, N. Y.
Grueby Faience & Tile Co., art & decorative tile, Perth Amboy, N. J.
Gruen, D., Sons & Co., watch case mfrs., McMillan & Iowa, Cincinnati, Ohio.
Gruen, Wm. H., architect, 1520 Chestnut, St. Louis, Mo.
Gruendel, Geo., Mach. Wks., 440 N. Peoria, Chicago, Ill.
Gruendler, A. H., cornices, 1018 Cass av, St. Louis, Mo.
Gruendler Patent Crusher & Pulverizer, 912 Main, St. Louis, Mo. Mo.
Gruhl Sash & Door Co., 195 Stewart, Milwaukee, Wis.
Gruhler, Wm. J., Co., contractors, 219 E. High av, Phila., Pa.
Gruman Ice Tool Wks., machsts, plows, Branchville, Conn.
Grumb Bros., stone, Lowell, Mass.
Grund-Graham Co., contrs., Freeport, Ill.
Grundfor, M., architect, Pocatello, Idaho.
Grundy Brass Wks., floor plates, Boston, Mass.
Grundy, J. E., & Co., machsts. & fndrs., 82 Sudbury, Boston, Mass.
Gruner, Phillip, & Bro. Lbr. Co., 4006 N. B'way, St. Louis, Mo.
Grunert, James E., architect, 2409 Rich. rd, New Dorp, N. Y.
Gruninger, F. H., architect, Warren, Pa.
Grunkemeyer, John C., architect, 3717 Eastern av, Cincinnati, Ohio
Grupe Drier & Boiler Co., drying apparatus, 317 E. 2nd, Davenport, Iowa.
Grupe, John P., boilers, Davenport, Ia.
Grunelli, Eney, contractor, Morristown, N. J.
Grupp, Edw., & Son, contractors, 125 Glenwood av, Buffalo, N. Y.
Grush, Chas. E., architect, Beverly, Mass.
Gruss Bros., contrs., Bridgeport, Conn.
Grussing, Geo. H., architect, 154 W. Randolph, Chicago, Ill.
Guadulpe River Navigation Co., sand & gravel dlrs., Victoria, Tex.
Guantanamo Sugar Co., 129 Front, New York.
Guarantee Ash Can Co., 203 E. 101st, New York.
Guarantee Co. of N. Am., indemnity bond insurance, 111 B'way, New York.
Guarantee Construction Co., 140 Cedar, New York.
Guarantee Construction Co. (engrs. & contractors of complete power & industrial plants), 92 West, New York
Guarantee Elec. Co., 430 S. Green, Chicago, Ill.
Guarantee Heatg. & Plumbg. Supply Co., 2127 S. State, Chicago, Ill.
Guarantee Liquid Measure Co., air tire pumps, Union Arcade, Pittsburgh, Pa.
Guarantee Mach. Co., drilling machs., Grand Rapids, Mich.
Guarantee Roofing Co., 61 E. 4th, New York.
Guarantee Sheet Metal Wks., 439 E. 23d, New York.
Guarantee Spec. & Nov. Co., advtg., Rochester, N. Y.
Guarantee Tire & Rubber Co., spark plugs, Indianapolis, Ind.
Guaranteed Appliance Co., radiator valves, 14 E. Jackson blvd, Chicago, Ill.
Guaranty Iron & Wire Co., firedoors & iron stairs, 2847 W. Lake, Chicago, Ill.
Guard, Roy, architect, Norwich, N. Y.
Guard, Shirley R., architect, 8 W. 40th, New York.
Guardian Gas Appliance Co., gas furnaces & garbage incinerators, 3409 Superior, Cleveland, Ohio.
Guarino Contracting Co., Inc., Mt. Vernon, N. Y.
Gubbins, Wm. F., architect, 155 N. Clark, Chicago, Ill.
Gubser Bros., contractors, Newport, Ky.
Guckenheimer, A., & Bros. Co., 125 1st av, Pittsburgh, Pa.
Gude & Co., contractors, Atlanta, Ga.
Gude, O. J., & Co., advtg. signs, 220 W. 42nd, New York.
Gudeman & Co., decorative elec. lighting, 19 W. 36th, New York.
Guenscht, L., buttons, 182 Centre, New York.
Guenther, Emil, architect, Ry. Exchange Bldg., Seattle, Wash.
Guenther, C. H., & Son, flour mills, San Antonio, Texas.
Guenther, Fred W., contractor, Burlington, Ia.
Guenther Hardware Co., Owensboro, Ky.
Guenzel, Louis, architect, 111 W. Washington, Chicago, Ill.
Guerdan, F., & Son, iron, 829 S. 7th, St. Louis, Mo.
Guerin, P. E., Inc., hdwe., machsts., 21 Jane, New York.
Guernsey Earthenware Co., crucibles, Cambridge, Ohio.
Guernsey, R. T., contractor, 253 S. Quince, Philadelphia, Pa.
Guerriere, Daniel A., architect, 647 Main, Hartford, Conn.
Guest & Co., wholesale hdwe., New London, Conn.
Guest, G. M., contr., Dept. H, Anderson, S. C.
Guest, Geo., Son, fndrs., 4423 Ludlow, Philadelphia, Pa.
Gugert, Francis A., architect, Wayne, Pa.
Guggenheim Bros., meat packers, 46th & Packers av, Chicago, Ill.
Gugler, Eric, architect, 101 Park Row, New York
Gugler Lithographic Co., maps, Milwaukee, Wis.
Guhl, E., architect, 19 Charles, Jersey City, N. J.
Guide Motor Lamp Co., W. 114th, Madison, Cleveland, Ohio.
Guidone, A. L., & Son, contractors, 52 Vanderbilt av, New York.
Guie, Jas., & Sons, paper & pulp mills, Downingtown, Pa.
Guignon, E. E., cornices, Corry, Pa.
Guignon, H. A., cornices, Corry, Pa.
Guilbert & Betelle, architects, 665 Broad, Newark, N. J.
Guilbert & Funston, architects, Robinson Bldg., Racine, Wis.
Guild & Co., contractors, Chattanooga, Tenn.
Guild & Garrison, pump mfrs., 463 Kent av, Brooklyn, N. Y.
Guilderland Fdry. Co., Guilderland, N. Y.
Guile & Windnagle, grape baskets, Penn Yan, N. Y.
Guilford Lbr. Mfg. Co., Greensboro, N. C.
Guilford & Waltersville Granite Co., Law Bldg., Baltimore, Md.
Guilfoy Cornice Works, 209 8th, San Francisco, Cal.
Guillott Metal Gasket & Supply Co., 24 S. Clinton, Chicago, Ill.
See adv. index at end of book.
Guiou Lbr. Co., masons mtls., Omaha, Nebr.
Guiou & Ledwich, see Guiou Lbr. Co. (successors).
Guiterman, Rosenfield & Co., platinum, iridium, sheet alum., 35 S. William, New York.
Gulbransen-Dickinson Co., pianos, 36 S. State, Chicago, Ill.
Guldaman & Son, tubular boilers, Wichita, Kans.
Guldberg, Chris. A., architect, 29 W. 34th, New York.
Gulf Arm & Creosoting Co., Hattiesburg, Miss.
Gulf Bag Co., 330 Notre Dame, New Orleans, La.
Gulf Boiler Works, Tampa, Fla.
Gulf Chemical Co., Marianna, Fla.
Gulf Coast Brick & Tile Co., Brownsville, Tex.
Gulf Coast Timber Co., ties, Morgan City, La.
Gulf Cooperage Co., oil barrels, Frick Annex, Pittsburgh, Pa.
Gulf Fertilizer Co., Tampa, Fla.
Gulf Galvanized & Metal Works, cornices & skylights, 2845 Magazine, New Orleans, La.
Gulf Iron Works, Tampa, Fla.
Gulf Lbr. Co., Fullerton, La.
Gulf Mach. Wks., Pensacola, Fla.
Gulf Packing Co., canned goods, Biloxi, Miss.
Gulf Paving Co., contrs., Chattanooga, Tenn.
Gulf Pipe Line Co., Frick Bldg. Annex, Pittsburgh, Pa.
Gulf Red Cedar Co., lumber mfrs., Richmond, Va.
Gulf Refining Co., petroleum products, Frick Bldg. Annex, Pittsburgh, Pa.
Gulf Shingle Co., Mobile, Ala.
Gulf Smokeless Coal Co., Tains, W. Va.
Gulf States Belting & Hose Co., Shreveport, La.
Gulf States Steel Co., Birmingham, Ala.
Gulf States Lbr. Co., Meridian, Mass.
Gulfport Creosoting Co., Gulfport, Miss.
Gulfport Fertz. Co., Gulfport, Miss.
Gulick-Henderson Co., chemists, 21 Park Row, New York.
Gulick-Henderson Co., metallurgical engrs., 145 W. 36th, Pittsburgh, Pa.
Gullberg & Smith, book gathering machs., 187 Lafayette, New York.
Gulledge Lbr. Co., Mendenhall, Miss.
Gulledge Lbr. & Stave Co., Inc., Bastrop, La.
Gullett Gin Co., Amite City, La.
Gulliver, John W., bldg. contr., Portland, Me.
Gumbinsky Bros. Co., cotton waste & wiping rags, 2261 S. Union av, Chicago, Ill.
Gumbinsky, Oscar & Bros., scrap iron & rubber, Kalamazoo, Mich.
Gumm Aluminum Castings Co., Manitowoc, Wis.
Gummell, Edw. G., contractor, 36 P, N. W., Washington, D. C.
Gummey, McFarland & Co., tin plate, 147 N. 10th, Phila., Pa.
Gump, B. F., Co., flour mill machy., mill & facty. supplies & machsts., 431 S. Clinton, Chicago, Ill.

Gump, Chas. A., mill & facty. supplies, Dayton, Ohio.
Gumser, A. W. & Co., willow ware mfrs., Holland, Mich.
Gumz, Gutknecht & Wussow, bldg. contrs., M. & N. Bk. Bldg., Milwaukee, Wis.
Gumz, Herman, Boiler Wks., 7 Greenwood Lake R. R., av, Newark, N. J.
Gumz, R., & Co., meat packers, Muskego av, Milwaukee, Wis.
Gun Barrel Mfg. Co., New Haven, Conn.
Gunby, L. W., Co., mill & facty. supplies & cornices, Salisbury, Md.
Gunckel, Frank, contractor, Germantown, Ohio.
Gund Mfg. Co., guy anchors, adjusters, etc., E. R., La Crosse, Wis.
Gund Mfg. Co., mechanical toys, 440 W. 42d, New York.
Gunderman, Geo. J., contractors, South Bend, Ind.
Gunderson Milling Co., flour, Kenyon, Minn.
Gundlach, B., architect, 150 Nassau, New York
Gundlach, Chas., cornices, Sandusky, Ohio.
Gundlach, H., contractor, Houghton, Mich.
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Gunlach, P. M., Sons, agricultural implements, Belleville, Ill.
Gundling, B. V., Co., sash, door & blind, West New York, N. J.
Gunlocke, W. H., Chair Co., Wayland, N. Y.
Gunkel, Otto F., cornices, Ft. Wayne, Ind.
Gunn, E. G., lumber mfrs., 2211 E. Main, Richmond, Va.
Gunn, Carl, & Co., steel mers., 444 Market, San Francisco, Cal.
Gunn Furniture Co., Grand Rapids, Mich.
Gunnell Manitowoc Shipbldg. Co., Manitowoc, Wis.
Gunning Boiler & Machine Co., steel plate constr. tanks, etc., New Bedford, Mass.
Gunset, Louis E., htg. contr., 2259 Ryer av, New York.
Gunster Bros., plumbers' & steamfitters' supplies & wholesale hdwe., Scranton, Pa.
Gunther Bros., common brick, Port Washington, Wis.
Gunther & Cannon, architects, Deseret Bk. Bldg, Salt Lake City, Utah.
Gunther, F. W., Co., canned goods, Racine, Wis.
Gunther Hardware Co., Quincy, Ill.
Gunther, Harry H., contr., Galesburg, Ill.
Gunzelman & Cramer, contrs., Somerville, N. J.
Gurd, John A., architect, 101 Park av, New York.
Gurda, Leon M., architect, 920 2d av, Milwaukee, Wis.
Gurley, A. L., & Co., corn brooms, Clovis, N. M.
Gurley, W. & L. E., architects & engineers & instruments & supplies, Troy, N. Y.
Grunee, Daniel S., architect, 1426 E 67th, Chicago, Ill.
Gurney, Ansel S., & Co., masons' & bldrs.' matls., Wareham, Mass.
Gurney Ball Bearing Co., Jamestown, N. Y.
Gurney, D. B., Co., tacks, Whitman, Mass.
Gurney Co., elevators, Honesdale, Pa.
Gurney Elevator Co., 62 W. 45th, New York.
Gurney Heater Mfg. Co., steamfitters supp., 93-95 Oliver, Boston, Mass.
Gurney Refrigerator Co., Fond Du Lac, Wis.
Gurney, Wm. H., htg. contrs., Paterson, N. J.
Gurzdowski, Jos. J., architect, 901 Russell, Detroit, Mich.
Guss, E. M., & Sons, whol. hdwe. Mifflin, Pa.
Guss, Walter G., architect, Maryland Bldg., Washington, D. C.
Gussaroff Realty & Constr. Co., 601 W. 149th, New York.
Gussett Boiler Wks., 1140 Marion av, S. W., Canton, O.
Gussman Key Cutting Mach. Co., 1 Madison av, New York.
Gust, G. W., rural mail boxes, Morenci, Mich.
Gustafson, J. H., leaded glass, Rochester, N. Y.
Gustafson Mfg. Co., car brasses, machsts. & fndrs., Chattanooga, Tenn.
Gustafson & Scott Mfg. Co., saw clamps, 4325 Wabansia av, Chicago, Ill.
Gustave Linseed Co., pump oilers, Chicago, Ill.
Gustaveson, P., machsts., Chehalis, Wash.
Gustin-Bacon Mfg. Co., mill & facty. supplies, fuel oil burners, machy., etc., 1604 Grand, Kansas City, Mo.
Gustin, N., & Son, machsts., Johnstown, N. Y.
Gutfleish, A. A., htg. contrs., Lancaster, Pa.
Guth, Alex. Co., architect, 521 Jackson, Milwaukee, Wis.
Guth, C. J., contr., Sacramento, Cal.
Guth Gate Co., Waverly, Ohio
Guth, J. P., architect, Paxton Bldg., Omaha, Nebr.
Guth Mfg. Co., curtain poles & stretchers, 116 E. 24th, New York.
Gutherless, J. E., common brick, Leavenworth, Wash.
Gutherman, J. J., masons' & bldrs.' matls., 32 Chester, Brooklyn, N. Y.
Guthrie, A., & Co., bldg. contrs., 336 Jackson, St. Paul, Minn.
Guthrie, B. B., lumber, Carbon Hill, Ala.
Guthrie, Jones & Co., carriages, Wilmington, Del.
Guthrie, Keith O., contrs., Schenectady, N. Y.
Guthrie Mill & Elevator Co., Guthrie, Okla.
Guthrie-Thompson Co., contractors, Lemcke Bldg., Indianapolis, Ind.
Guthrie, Wm. A., lumber, Indianapolis, Ind.
Guthy, Peter, contractor, 926 B'way, Brooklyn, N. Y.
Gutleben Bros., contractors, New Call Bldg., San Francisco, Cal.
Gutlius, Jno., & Son, carriages, Mifflinburg, Pa.
Gutman, Chas., diamond imp., 35 Nassau, New York
Gutmann, Ferdinand, Co., bottle sealing machs., 134 W. 29th, New York.
Gutradt, Jos., Co., soap, San Francisco, Cal.
Gutschmidt, W. H., cornices, West Hoboken, N. J.
Gutta Percha & Rubber Mfg. Co., rubber goods mfrs., 126 Duane, New York.
Guttenberg Canning Co., Guttenberg, Ia.
Guttenberg, S. A., architect, Proctor Bldg., Mount Vernon, N. Y.
Gutterson & Gould, scrap iron, Lawrence, Mass.
Gutterson, Harry H., architect, 278 Post, San Francisco, Cal.
Guttmann, Henry, furn., Dept. H, Amsterdam av & 169th, New York
Guttmann, Paul H., & Co., contractors, 1536 N. Gay, Baltimore, Md.
Guy Furn. Co., 51H Main, Worcester, Mass.
Guy & McClintock Co., contrs., Oak Park, Ill.
Guyan Lbr. Co., Herndon, W. Va.
Guyan Mach. Shops, armature coils, oxy-acetylene welding, etc., Logan, W. Va.
Guyton & Cumfer Mfg. Co., roofing machs., 4451 Fillmore, Chicago, Ill.
Guzman, A. J., elec. contr., Rockville, Conn.
G. V. Sales Co., polishing cloths, 132 Nassau, New York.
Gwathmey Mfg. Co., Inc., machsts. & fndrs., Harrisonville, Mo.
G. & W. Electric Specialty Co., junction boxes, switches, etc., 7440 So. Chicago av, Chicago, Ill.
Gwilliam Co., The, ball and roller bearings, 23 Flatbush av, Brooklyn, N. Y. *See adv index at end of book.*
Gwilliam Supply Co., pipe fittings, 828 N. Hancock, Phila., Pa.
Gwin, O. G., Constr. Co., Hennon Bldg., New Orleans, La.
Gwinn Bros. & Co., flour mills, Huntington, W. Va.
Gwynn-Bacon Vulvanizer Co., 2502 Cass, St. Louis, Mo.
Gwynn, Jas., Burner & Engineering Co., Empire Bldg., Pittsburgh, Pa.
Gwynn Island Fish & Oyster Co., canned, Grimstead, Va.
Gyllenberg, J. A., mach. & fndr., Baker, Ore.
Gypsum Canning Co., Port Clinton, Ohio.
Gypsum Fireproofing Co., 205 W. Monroe, Chicago, Ill.
Gypsy Oil Co., gasoline, H. Frick bldg annex, Pittsburgh, Pa.
Gyro Motor Co., 744 Girard, N. W., Washington, D. C.
Haack, Louis, gas fixtures, 619 10th av, New York.
Haag, A. W., & Co., bucket & freight elevators, air tanks, clothes washing, chroming & dyeing machy., Reading, Pa.
Haag Bros. Co., clothes washing machs., Peoria, Ill.
Haag, Jacob, contractor, Mount Vernon, N. Y.
Haagen, Paul T., architect, 155 N. Clark, Chicago, Ill.
Haag's Cutting Die Wks., glove machy., Gloversville, N. Y.
Haak, Wm. A., contractor, Flushing, N. Y.
Haak, Wm., Jr., mill & facty. supplies, Madison, Wis.
Haaker, W., Co., canned goods, 182 Franklin, New York.
Haarmann, G., & Co., Inc., steel structural wk., Holyoke, Mass.
Haartz, J. C., Inc., artificial leather, New Haven, Conn.
Haas Bros., quicksilver, 61 B'way, New York.
Haas, Chas. C., contractor, Jamestown, N. Y.
Haas, G. M., ornamental iron, Union Hill, N. J.
Haas, Geo. J., architect, Kresge Bldg., Detroit, Mich.
Haas, Harvey B., machst. & fndr., East Greenville, Pa.
Haas, Herman, Hdwe. & Imp. Co., whol. hdwe., Weiser, Idaho.
Haas & Hohmann, cornices & skylights, Kaukauna, Wis.
Haas, Morris, cornices & skylights, 1817 Mary, Pittsburgh, Pa.
Haas, Philip, Co., water closets, Dayton, Ohio.
Haas, R., Elec. & Mfg. Co., transformers, Springfield, Ill.
Haas, R. Julius, Sons, 436 E. 67th, New York.
Haas, S. H., architect, 208½ Central av, Great Falls, Montana.
Haas, W. D., & Co., masons' & bldrs.' matls., Bunkie, La.
Haase-Bohle Carriage Co., 3958 Laclede av, St. Louis, Mo.
Haase Mach. Wks., milling mach. attachmts, Minneapolis, Minn.
Haase Motor Wks., machsts., Milwaukee, Wis.
Haas's, Julius, Sons', contractors, 436 E. 67th, New York.
Habenicht & Howlett, plate glass, 525 Clay, San Francisco, Cal.
Haber, C. A., architect, Monadnock Bldg., San Francisco, Cal.
Haberer & Co., carriage & wagon bodies & seats, Gest & Summer, Cincinnati, Ohio.
Haberer, Felix H., architect, 1510 High, Utica, N. Y.
Haberhorn, J. H., Co., contractors, 384 14th av, Detroit, Mich.
Haberkamp, Wm., Mach. Wks., 442 Wells, Chicago, Ill.
Haberkorn, C. H., & Co., tea wagons, 393 W. Elizabeth, Detroit, Mich.
Haberle, J. B., machinist, South Bend, Ind.
Haberling, Chas., water heaters, Columbus, Ohio.
Haberman Hardware Co., Marion, Ohio.
Habhegger, Fred, brick, Wrenshall, Minn.
Habig, Geo., iron, 2819 Stanford av, Los Angeles, Cal.
Habirshaw Elec. Cable Co., rubber goods, 10 E. 43d, New York.
Hach, Richard G., urinal strainers, 159 E. 26th, New York.
Hachenberg Turbine Co., steam turbines, 66 Myrtle av, Flushing, N. Y.
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Hack, W. C., & Sons Hdwe. Co., Shamokin, Pa.
Hackdorn Contracting Co., Board of Trade Bldg., Indianapolis, Ind.
Hacke, H. C., soda ash, 244 California, San Francisco, Cal.
Hackenburg, W. E., & Co., silk thread, 1211 Arch, Phila., Pa.
Hackendahl & Schmidt Co., machts., 16th & Canal, Milwaukee, Wis.
Hackensack Brick Co., Haskensack, N. J.
Hackensack Coal & Lumber Co., Hackensack, N. J.
Hacker, C., Co., sash, door & blind mfrs., Joliet, Ill.
Hacker, C. E., contractors, Brunswick, Me.
Hacker Mfg. Co., machsts., 312 N. May, Chicago, Ill.
Hackett Brass Foundry, castings, 242 Lillibridge, Detroit, Mich.
Hackett-Gates-Hurty Co., hdwe., tin plate, 4th & Rosabel, St. Paul, Minn.
Hackett, J. Fndry. Co., Charlotte, N. C.
Hackett, L. K., & Co., canned goods, Finchville, Md.
Hackett, M., & Sons, contractors, 224 Griffith, Jersey City, N. J.
Hackett Motor Car Co., Jackson, Mich.
Hackett, P., Hardware Co., Ogdensburgh, N. Y.
Hackett, R., & Co., cornices, Richmond, Va.
Hackley, A. C., lumber mfrs., West Winfield, N. Y.
Hackley-Phelps-Bonnell Co., lbr. mfrs., Grand Rapids, Mich.
Hackman, Klehfoth & Co., masons' & bldrs.' matls., Richmond, Ind.
Hackner, E., Co., church furniture, La Crosse, Wis.
Hackney Mfg. Co., agricultural implements, St. Paul, Minn.
Hackney Ventilating Co., blowers, Prior & University, St. Paul, Minn.
Hackney Wagon Co., Wilson, N. C.
Hackwell, E. A., & Co., lbr., Worcester, Mass.
Hackworthy Const. Co., contrs., Appleton, Wis.
Haddock Co., Inc., machy. dlrs. 343H N. 3rd, Philadelphia, Pa.
Haddock, Taliferro & Co., turpentine, Damascus, Ga.
Haddock, Wm. D., & Co., contrs., Wilmington, Del.
Haddorff Piano Co., Rockford, Ill.
Hadentine Lbr. Co., Camden, N. J.
Hadesty, J. M., & Son, gas tapping machs., Tamaqua, Pa.
Hadfield-Penfield Steel Co., (The), clay working machy., engines, foundry pans, etc., Bucyrus, Ohio.
See adv index at end of book.
Hadler, W. E., architect, 1414 Oxford, Richmond Hill, N. Y.
Hadley, Chas. R., Co., loose leaf devices, Los Angeles, Cal.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Hadlock, W. E., & Co., binnacles & nautical instruments, 152 State, Boston, Mass.
Hadlow, W. T., contr., Jacksonville, Fla.
Hadsell Bros. Co., lumber mfrs., Worcester, N. Y.
Haeberle Lumber Co., sash, door & blind, Niagara Falls, N. Y.
Haefell, Walter, architect, 229 W. 42d, New York
Haeger Brick & Tile Co., Coal City, Ill.
Haeger, Leonard, architects, 3644A Utah pl., St. Louis, Mo.
Haenichen Bros. Silk Co., umbrella cloth, Paterson, N. J.
Haenke, J. M., architect, Chronicle bldg., San Francisco, Cal.
Haese Track Sander Co., sand boxes, Milwaukee, Wis.

Haeseler, A. M., Bldg. & Contr. Co., Wainwright Bldg., St. Louis, Mo.
Haenser, H. C., architect, 445 Milwaukee, Milwakuee, Wis.
Hafer, C., Lumber Co., Council Bluffs, Ia.
Hafer Foundry & Machine Works, boiler cleaners, Chambersburg, Pa.
Hafer, J. D., cornices & skylights, Reading, Pa.
Hafers, Chris., Iron Wks., archl. iron, 407 W. 37th, New York.
Haffner Bros. Co., harness leather, 1130 Hopple, C. W., Cincinnati, Ohio.
Haffner, Chas., cornices & skylights, Burlington, Ia.
Haffner, Chas., Co., boilers, 2246 S. Halsted, Chicago, Ill.
Haffner-Veder Cut Stone Co., 1024 Peralta, Pittsburgh, Pa.
Hafker, Bryan, archl. iron, 73 N. Portland av, Brooklyn, N. Y.
Hafleigh & Co., case hardening compounds, Cambria & N. America, Philadelphia, Pa.
Hafner Mfg. Co., lbr., Dept. H, ft. of Dock, St. Louis, Mo.
Haftenkamp, G., cornices, 34th & Prospect av, Kansas City, Mo.
Hagaman, Andrew, contractor, Port Richmond, N. Y.
Hagaman, F. L., Co., contractors, Rochester, N. Y.
Hagan & Co., cornices & skylights, Huntington, W. Va.
Hagan & Cushing, meat, Moscow, Idaho.
Hagan, Geo. J. Co., combustion eng., Peoples' Bank bldg., Pittsburgh, Pa.
Hagan, G. W., turpentine, Iron City, Ga.
Hagan Gas Engine Mfg. Co., Winchester, Ky.
Hagan, Jas. A., stone, 1620 S. Laramie av, Chicago, Ill.
Hagan, John, & Co., stone, Comly Ab. Del., Philadelphia, Pa.
Hagan, L. T., belt shifters, Winchester, Ky.
Hagans & Isleman, flour mills, Cameron, W. Va.
Hagar Hdwe. & Paint Co., Burlington, Vt.
Hagar Straw Board Paper Co., Xenia, Ohio.
Hagelberg, W., Inc., wall pockets, 5 E. 17th, New York.
Hagelskamp Bros. & Haverkamp, canned goods, Indianapolis, Ind.
Hageman Sign Co., 14 E. Commerce, Youngstown, O.
Hagemeyer & Brunn, crude rubber, 82 Beaver, New York.
Hagemeyer Trading Co., cochineal imps., 17 Battery pl., New York
Hagen, Geo. J., Co., combustion eng., Peoples Bank Bldg., Pittsburgh, Pa.
Hagen, Henry, contractor, Fort Benton, Mont.
Hager, C. & Son, Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.
Hager, Chas., & Son, grease bags, 1876 B'way, New York.
Hager, E. M., & Sons Co., contractors, 141 Elm, Buffalo, N. Y.
Hager, Howard, Co., contractors, 6101 Penn av, Pittsburgh, Pa.
Hager, Julius, contractor, Janesville, Wis.
Hagerman & Phillips, masons' & bldrs.' matls., Findlay, Ohio.
Hagerstown Fdry & Mach. Co., castings, electric welding & fdry. molding machy., Hagerstown, Md.
Hagerstown Furn. Co., Dept. H, Hagerstown, Md.
Hagerstown Heating Co., Hagerstown, Md.
Hagerstown Lounge Co., Dept. H, furn., Hagerstown, Md.
Hagerstown Mantel & Furniture Co., bank fix., Hagerstown, Md.
Hagerstown Metal & Refining Co., brass castings, Hagerstown, Md.
Hagerstown Shoe & Legging Co., Hagerstown, Md.
Hagerty Bros. & Co., chemical glassware, 10 Platt, New York.
Hagerty Bros. Co., machsts & mill & facty. supplies, Peoria, Ill.
Hagerup, Leonard O., architect, 1462 Carmen av, Chicago, Ill.
Hagg Constr. Co., 1634 Sansom, Philadelphia, Pa.
Haggard & Marcusson Co., iron bedsteads, bunks, cots, chairs, etc., 1109 W. 37th, Chicago, Ill.
Haggerty, J. Hy., contrs.' tools, 50 South, New York.
Haggerty Refining Co., lubrg. oils, 50 South, New York.
Hagglund, H. E., mop sticks & holders, 410 W. Elm, Chicago, Ill.
Haggus, Edwin L., architect, Drexel Bldg., Phila., Pa.
Haglin, Stahr Co., contractors, Lumber Exch., Minneapolis, Minn.
Haglock, Fred W., architect, Akron Sav. & Loan Bldg., Akron, O.
Hagstedt, Chas., arc flaming lamps, 139 E. 54th, New York.
Hagstoz, T. B., & Son, gold alloys, Babbitt metal, etc., 709 Sansom, Philadelphia, Pa.
Hagstrom, Chas. E., & Co., contractors, 1514 Emerson av, N., Minneapolis, Minn.
Hague Box & Lumber Co., Tacoma, Wash.
Hague, Walter E., & Son, electro plating, Barker pl, Pittsburgh, Pa.
Hagy, Clayton L., & Son, mach. wipers, waste cotton & wool, 16th & Carpenter, Phila., Pa.
Hagy, J. Milton, Waste Works, cotton & wool waste, 836 Swanson, Phila., Pa.
Hagy, John, contr., Dept. H, San Antonio, Tex.
Hahn, A., & Co., traveling bags, 69 5th av, New York.
Hahn, A. F., contractor, Chattanooga, Tenn.
Hahn, Alfred A., architect, Close Realty Bldg., Toledo, Ohio
Hahn, Arthur W., brushes, 7 Dominick, New York.
Hahn, F. P., contractor, Nazareth, Pa.
Hahn, Frank E., architect, 1112 Chestnut, Philadelphia, Pa.
Hahn, Granville, slate, Walnutport, Pa.
Hahn, Henry, contractor, 247 Summit av, Jersey City, N. J.
Hahn, Howard H., architect, Kenosha, Wis.
Hahn, J. N., Co., corrugated paper boxes, Cuyahoga & W. 3d, Cleveland, Ohio.
Hahn Mfg. Co., jigs & fixtures, 5332 Hamilton av, Cleveland, Ohio.
Hahn, Max, Packing Co., meat, Dallas, Tex.
Hahn Motor Truck & Wagon Co., Hamburg, Pa.
Hahne, Frank, cornices & skylights, Savannah, Ga.
Haibach Contracting Co., 1261 N. 26th, Philadelphia, Pa.
Haigermoser, Jos., archl. modelers, 459 Beaubien, Detroit, Mich.
Haigh, Jos., & Sons Co., contractors, 140 S. Dearborn, Chicago, Ill.
Haight, Chas. C., architect, 52 Vanderbilt av, New York.
Hailey, C. M., lbr., Ontario, Va.
Hain, G. E., Co., cornices & skylights, Fremont, Mich.
Hain, Geo. M., carriages, Reading, Pa.
Hain, Wm. T., cornices & skylights, Reading, Pa.
Hainer Bookkeeping Mach. Co., adding, 45 Willard av., Providence, R. I.
Haines, A., cornices, 100 Fulton, Brooklyn, N. Y.
Haines Co., exhaust & blow piping, etc., 1933 W. Lake, Chicago, Ill.
Haines, E. C., lumber, Portageville, Mo.
Haines Gauge Co., 119 S. 4th, Philadelphia, Pa.
Haines, Geo. S., Co., trunk, 610 Wood, Pittsburgh, Pa.
Haines, Jones & Cadbury Co., plumbers', mill & facty. supplies—jobbers, machsts. & fndrs., 1136 Ridge av, Philadelphia, Pa.
Haines Jos. H., & Sons, fertilizer mfrs., Medford, N. J.
Haines Lumber Co., North Tonawanda, N. Y.
Haines, O. J., & Son, cornices, East St. Louis, Ill.
Haines, W. P., & Co., pianos, 113 E. 138th, New York.
Haines, William, architect, 814 Main, Waltham, Mass.
Haines, Wm. S., & Co., vacuum controllers & steam traps, Dept. H, 12th & Buttonwood, Phila., Pa.
Hainesport Mining & Transportation Co., machsts., 804H Finance Bldg., Phila., Pa.
Hainline Bros., common brick, Blandinsville, Ill.
Hair, C. E., & Co., architects, Terminal Bldg., Oklahoma City, Okla.
Haire, C. S., & J. G. Link, architects, Helena, Mont.
Haire, James A., machst. & fndr., Weyauwega, Wis.
Haire, Chas. S., architect, Porner Block, Helena, Mont.
Haisler Bros. Co., brooms, brushes, 740 N. Franklin, Chicago, Ill.
Haiss, Geo., Mfg. Co., machsts. & wagon loaders, 141st & Rider av, New York.
Haist, Edw. R., contractor, 1701 Main, Buffalo, N. Y.
Hak, Anton, pearl buttons, West Willington, Conn.
Hake, A. M., & Co., contractors, York, Pa.
Hake, Harry, architect, Telephone Bldg., Cincinnati, Ohio.
Hakemeyer Mach. Co., Paterson, N. J.
Hakes, H. W., Mfg. Co., textile machy., supplies, etc., Millbury, Mass.
Hakill-Hunter Co., hardware—wholesale, 35 Terminal way, Pittsburgh, Pa.
Hal Motor Mfg. Co., automobiles, E. 72d, Cleveland, Ohio.
Haladay Motor Car Co., Mansfield, Ohio.
Halback, C. E., & Co., arch. iron, 189 Banker, Brooklyn, N. Y.
Halbeisen, F., brick, Fremont, Ohio.
Halbert, Geo., & W., church & theatre decorations, 134 Livingston, Brooklyn, N. Y.
Halcomb Steel Co., Syracuse, N. Y. *See adv. index at end of book.*
Halcrow, Wm. J., Co., contractors, 88 Cliford, Providence, R. I.
Hald, Emil, Blow Pipe Wks., 84 Oak, Brooklyn, N. Y.
Haldy Marble & Granite Wks., stone producers, Lancaster, Pa.
Hale, Alfred, Rubber Co., diving apparatus, 17 Covington, S. B., Boston, Mass.
Hale-Boardman, John M., Inc., shoe pegs & tooth picks, 120 Liberty, N. Y.
Hale Bros., Co., brass & jack chains, Worcester, Mass.
Hale Buggy Mfg. Co., carriages, Anniston, Ala.
Hale Co., desks, etc., 14 Stone, New York.
Hale Elec. & Engry. Co., pumps, 1232 E. 3rd, Cleveland, Ohio.
Hale, F. E., Mfg. Co., book cases, Herkimer, N. Y.
Hale Fire Pump Co., Conshohocken, Pa.
Hale, Fred A., architect, Continental blk., Salt Lake City, Utah.
Hale Co,, furniture, 681I William, New York
Hale Gas Co., natural gas valve, Neodesha, Kans.
Hale, Geo. C., steel hames, ladders, Kansas City, Mo.
Hale, J. H., & Son, flour mills, Litton, Tenn.
Hale, J. I., architect, Defiance, Ohio.
Hale, Jno., & Sons, buckwheat flour, Lyons, Mich.
Hale & Cameron, contrs., 7 E. 42nd, New York
Hale & Kelsey, steam fitters' supplies, Middletown, Conn.
Hale & Kilburn Corp., see Am. Motor Body Corp. (successors).
Hale Motor & Mach. Co., machsts., 654 Franklin, Detroit, Mich.
Hale, Mylrea Co., lbr. mfrs., Wausau, Wis.
Hale, Perley, architect, 6 N. Clark, Chicago, Ill.
Hales, Jas., contractor, 1431 Milburn, Toledo, Ohio.
Hales, W. W., aniline colors & dyestuffs, 100 William, New York.
Haley & Blanch Elevator Co., 53 Sabin, Providence, R. I.
Haley-Hammond Co., mangrove bark, valonea imprts., etc., 129 Pearl, New York.
Haley, Michael S., contractor, Chelsea, Mass.
Haley Patent Leather Co., Winchester, Mass.
Haley, Philip J., contractor, Willmar, Min.
Haleyville Oil & Fertilizer Co., Haleyville, Ala.
Half Fleix & Bro., furniture, Century Bldg., Pittsburgh, Pa.
Halfhill Tuna Packing Co., canned, Los Angeles, Cal.
Halford, Wm. G. (Lawrence & Halford), architect, Chamber of Commerce Bldg., Portland, Ore.
Halkett, J. H., machst., Bridgton, Me.
Hall, A. G., fish line mfrs., Highland Mills, N. Y.
Hall, A. M., Co., machsts., Indianapolis, Ind.
Hall, A. W., & Co., machsts., 633 Plymouth ct, Chicago, Ill.
Hall, Amos H., & Sons, beer coolers, wood tanks, 2915 N. 2d, Philadelphia, Pa.
Hall & Barr, masons' & bldrs.' matls., Cedartown, Ga.
Hall, Benjamin M., architect, Warren, R. I.
Hall-Borchert Dress Form Co., 101 Park av, New York.
Hall Bros., carriages, Jacksonville, Ill.
Hall Bros., contrs., New Britain, Conn.
Hall Bros., dock bldrs., Gloucester, Mass.
Hall Bros., Co., churns, West Acton, Mass.
Hall Bros., Marine Ry. Co., 312 California, San Francisco, Cal.
Hall Bros. & Wood, sash, door & blind, 54th & Lancaster av, Philadelphia, Pa.
Hall & Brown Wood Working Machine Co., wood working machy., 1929-33 N. B'way, St. Louis, Mo.
Hall, C. F., Milling Co., lbr., Standish, Mich.
Hall, C. M., Lamp Co., 363 E. Hancock, Detroit, Mich.
Hall, C. R., Lbr. Co., 407 Com. Tribune Bldg., Cincinnati, Ohio.
Hall, C. W., Carriage Co., 191 John, Bridgeport, Conn.
Hall & Carlton, masons' & bldrs.' matls., Elizabeth, N. J.
Hall & Carpenter, tin plate, etc., 518 Race, Philadelphia, Pa.
Hall, Chas., brick, Cass City, Mich.
Hall, Chas. A., Hdwe. Co., Urbana, Ill.
Hall, Chas. Ward, contractor, 130 Nassau, New York.
Hall China Co., East Liverpool, Ohio.
Hall & Chowning, masons' & bldrs.' matls., Shelbyville, Ky.
Hall Concrete Products Co., flower pots, Grassland, Pa.
Hall-Crawford Contrg. Co. See Crawford Morrow Co.
Hall-Curry Construction Co., City Trust Bldg., Indianapolis, Ind.
Hall & Donahue Coffin Co., Knoxville, Tenn.
Hall, Douglas P., architect, 749 5th av, New York.
Hall, E. N., lye, 320 B'way, New York.
Hall, E. R., contr., 34 S. 17th, Philadelphia, Pa.
Hall, Eric E., architect, 123 W. Madison, Chicago, Ill.
Hall, Ernest S., contractor, Brattleboro, Vt.
Hall, Fessenden, veneer mfrs., 218 S. 2d, Philadelphia, Pa.
Hall, Frank A., & Sons, machsts., 120 Baxter, New York.
Hall, Frank B., Co., croquet sets and cross arms, Newton Falls, Ohio.
Hall, G. R., & Co., cornices & skylights, Marlboro, Mass.
Hall, Gardiner, Jr., & Co., cotton thread, S. Willington, Conn.
Hall Gas Engine Co., Garden Bldg., Philadelphia, Pa.
Hall, George B., contrs., Macon, Ga.

Hall, Gen. F., architect, Union Trust Bldg., Providence, R. I.
Hall, Geo. M., Co., contractors, Homestead, Pa.
Hall Hardware Co., 608 N. 3d, Minneapolis, Minn.
Hall, Harold, architect, Sarastoa, Fla.
Hall, Harry J., & Son, contractors, Findlay, Ohio.
Hall, Herman R., architect, Norwich, N. Y.
Hall-Holmes Mfg. Co., machsts., etc., Jackson, Mich.
Hall, Howard H., Const. Co., contractors, East St. Louis, Ill.
Hall & Hurlbert, machsts., ft. of 24th, Brooklyn, N. Y.
Hall, I. A., & Co., mill & facty. supplies, Paterson, N. J.
Hall Iron Wks., machsts. & fndrs., Lockport, N. Y.
Hall, Irving, stone producer, Norwalk, Conn.
Hall, J. C., Co., R. R. stationery, 68 W. Exchange, Providence, R. I.
Hall, J. F., turpentine, Hazelhurst, Ga.
Hall, J. F., Martin Co., contractors, Stimson Bldg., Los Angeles, Cal.
Hall, J. L. & Son, brick, Derby, Ohio.
Hall, J. P., masons' & bldrs.' matls., 588 Central av, Jersey City, N. J.
Hall, Jas. B., cooperage stock, Lexington, Ky.
Hall, Jas. H., Plow Co., Maysville, Ky.
Hall, John L., lumber, Williamsport, Pa.
Hall, John L., architect, Stuart Bldg., Seattle, Wash.
Hall, Jos., contractor, Logansport, Ind.
Hall & Knight Hardware Co., Lewiston, Me.
Hall-Leeper Hardware Co., Denison, Tex.
Hall & Legan Lbr. Co., Morton, Miss.
Hall & Lethly, architects, Fairbanks Bldg., Springfield, Ohio.
Hall, Lincoln W., architect, 5251 Winthrop, Chicago, Ill.
Hall, Lincoln & Co., cotton duck, mops, twine, 154 Milk, Boston, Mass.
Hall, Louis, ties, Heidelberg, Ky.
Hall Lumber Co., 101 Milk, Boston, Mass.
Hall Machine Works, Sebring, Ohio.
Hall, Mackay Construction Co., Chemical Bldg., St. Louis Mo.
Hall Mammoth Incubator Co., Little Falls, N. Y.
Hall Mfg. Co., machsts., fndrs. & fillers, Harrison, N. J.
Hall Mfg. Co., talking machine needles, 33 W. Kinzie, Chicago, Ill.
Hall Organ Co., pianos, West Hartland, Conn.
Hall & Ostergren, architects, 11 S. La Salle, Chicago, Ill.
Hall Paint & Hardware Co., Lawrence, Mass.
Hall-Patterson Bldg. Co., lumber exch., Minneapolis, Minn.
Hall, Peter, contr., Pasadena, Cal.
Hall Printing Press Co., machsts. & fndrs., Dunellen, N. J.
Hall, R. L. & W. H., Newton, Ga.
Hall, R. S., & Co., turpentine, Ocala, Fla.
Hall, Robt. H., architect, Seymour, Ind.
Hall, S. L., Co., oven bldrs., 20 W. Jackson blvd, Chicago, Ill.
Hall, S. P., architect, 67 E. Song, Columbus, O.
Hall Scott Motor Car Co., Crocker Bldg., San Francisco, Cal.
Hall Sherwood Co., whol hardware, Grand Rapids, Mich.
Hall Sidney Carriage Wks., Huntington, Ind.
Hall & Sons, brick, stove linings, etc., Buffalo, N. Y.
Hall Steam Pump Co., gas & air compressors, 213 Galveston, Pittsburgh, Pa.
Hall Switch & Signal Co., machsts., 50 Church, New York.
Hall, T. J., & Co., masons' & bdrs.' matls., sand, gravel, 450 E. Pearl, Cincinnati, Ohio.
Hall-Thompson Co., belt dressing, carbon removers, soap, etc., Hartford, Conn.
Hall & Torrey, mill & facty. supplies, Rockland, Mass.
Hall, W. A., Mfg. Co., elastic hosiery, St. Louis, Mo.
Hall, W., & Co., filter cloths, etc., Lansdowne, Pa.
Hall, W. D., masons' & bldrs.' matls., Harvard, Ill.
Hall, W. L., brick, Madisonville, Ky.
Hall, W. L. Furn. Co., Dept. H., Knoxville, Tenn.
Hall, W. N., sash, door & blind mfrs., Alleghany, N. Y.
Hall, W. P., Stove Co., cooperage stock, Memphis, Tenn.
Hall, W. S., Co., marine steering wheels, Rochester, N. Y.
Hall-Welter Co., check writing machs., Rochester, N. Y.
Hall & Whittington, canned goods, Marion Station, Md.
Hall, Wilbur B., metal nov. & spec., Meriden, Conn.
Hall, Wm. M., Co., steamfitters' supps., North Attleboro, Mass.
Hallack & Howard Lumber Co., packing box mfrs., Denver, Colo.
Hallahan, P. O., contractor, Plymouth bldg., Minneapolis, Minn.
Halladay, L. P., Co., shock absorbers, lamp brackets & hdwe. mfrs., Streator, Ill.
Hallagan & Thompson Co., furn. mfrs., Dept. H, Newark, N. J.
Hallahan & Ahearn, contractors, 271 W. 125th, New York.
Hallam, F. W., & Co., ice & refrig. machy., 379-380 Harmon, Brooklyn, N. Y.
Hallberg, J. H., rheostats, transformers, etc., 1604 B'way, New York.
Hallberg, L. G., architect, 116 S. Michigan av, Chicago, Ill.
Hallenberg, Adolph, architect, Keller Bldg., Louisville, Ky.
Haller-Cunningham Elec. Co., wireless instruments, 428 Market, San Francisco, Cal.
Haller, Joseph F. See McKenna Brass & Mfg. Co. (successor)
Haller Wagon & Carriage Co., Louisville, Ky.
Hallerman, G., contractor, Schneller av, Price Hill, Cincinnati, Ohio.
Hallet & Davis Piano Co., 146 Boylston, Boston, Mass.
Hallett Bros Co., paper & pulp mills, Mellenville, N. Y.
Hallett, H. D., contr., Aurora, Ill.
Hallett, H. H., architect, 4864 Woodward, Detroit, Mich.
Hallett Iron Wks., Harvey, Ill.
Hallett, Marcus, architect, 909 E. Main, Richmond, Va.
Hallettsville Hardware Co., Hallettsville, Tex.
Halliday, H. H., Milling Co., wheat flour, Cairo, Ill.
Halliday, H. L., masons' & blds.' matls., sand & gravel dlrs. Cairo, Ill.
Hallidie Co., mfgrs. of marine steam turbines & reciprocating engines & mining machinery, Spokane, Wash.
See adv. index at end of book
Hallidie Machinery Co., 300H 1st av S., Seattle, Wash.
Halligan, Thos., meat packers, 629 W. 40th, New York.
Hallin Gas Engine & Boat Co., machsts. & fndrs., Tacoma, Wash.
Hallinan Bros., contractors, Little Falls, N. Y.
Halliwell Bros., 317 W. Pico, Los Angeles, Cal.
Halliwell & Co., elec. hair dryers, 64 E. 12th, New York.
Hallman, Oliver F., fndrs., Mont Clare, Pa.
Hallman, Wm., masons' & bldrs.' matls., Pottstown, Pa.
Hallock, Allanson E., carriages, Smithtown Branch, N. Y.
Hallock, F., Co., mill & facty. supplies & whol. hdwe., Derby, Conn.
Hallock, L. G., Son & Co., contractors, Wheeling, W. Va.
Halloran, Matthews W., stone prod., New Britain, Conn.
Halloran, Thos., fndrs., 890 Metropolitan av, Brooklyn, N. Y
Halloren, J., Lumber Co., Ottawa, Kans.
Hallowell, Chas. T., contractor, 1231 N 61st, Philadelphia, Pa
Hallowell Granite Wks., Hallowell, Me.
Hallowell & Souder, ties, poles & posts, Harrison Bldg., Philadelphia, Pa.
Hall's, Ellis, Sons Co., dynamite, torpedoes, Oil City, Pa.
Hall's Safe Co., The, P. O. 846, Cincinnati, Ohio.
See adv. index at end of book.
Hall's, Sidney, Sons, boilers, Rochester, N. Y.
Hall's, Wm. A., Sons, mill & facty. supplies, 111 Broad, New York
Halltown Canning Co., Halltown, Mo.
Halltown Paper Board Co., box boards, Halltown, W. Va.
H. & A. Lock Co., trunk & bag hdwe. mfrs., 243 44th Brooklyn, N. Y.
Halogen Chemical Co., Bay City, Mich.
Haloid Co., photo. paper, Rochester, N. Y.
Halperin Casriel, architect, 19 S. La Salle, Chicago, Ill.
Halpern Bros., elec. signs, 115 E. 107th, New York.
Halpern, Isaac, Bros. & Co., scrap iron, 1333 N. Front, Philadelphia, Pa.
Halpin-Boyle Const. Co., contrs., Kansas City, Mo.
Halpin, Jas., cornices, 1719 Fulton, Brooklyn, N. Y.
Halpin, John B., Co., contractors, Elyria, Ohio.
Halpin, Nicholas F., Sr., corn brooms, Deerfield, N. Y.
Hals, John, lbr., Florence, Wash.
Halsall, Geo., boiler compounds, Jamestown, N. Y.
Halsam Products Co., toys, 4114 Ravenswood av, Chicago, Ill
Halseman, J. C., Mfg. Co., sashes, doors & blinds, Jacksonville, Fla
Halsey, H. B., Co., masons' & bldrs.' matls., South Orange, N. J.
Halsey, J. H., & Smith, patent lthr., New, Newark, N. J.
Halsey Lbr. Co., Charleston, S. C.
Halstead, J. N., Lumber Co., Brazil, Ind.
Halstead Milling & Elev. Co., wheat flour, Halstead, Kans.
Halsted Brush Co., 71 Park pl., New York.
Halsted & Co., machsts. & fndrs., 1129 Cherry, Phila., Pa.
Halsted, E. S., & Co., bags, burlap, 64 Pearl, New York.
Halsted, Jos. Co., architectl. & ornamental iron, 1233 W. Randolph, Chicago, Ill.
Halsted Lbr. Co., 529 84th, Brooklyn, N. Y.
Halsted, W. D., Oil Co., 320 E. Water, Milwaukee, Wis.
Halteman, J. L., masons' & bldrs.' matls. & contr., Pottstown, Pa.
Halter Cut Glass Co., 489 De Kalb av, Brooklyn, N. Y.
Halton's, Thos., Sons, tex. machy., dobbies, card repeaters (Jacquard), Allegheny av & C, Philadelphia, Pa.
Halverson Bros., steamfitters' supplies, Ogden, Utah.
Halyard Hardware Co., Joplin, Mo.
Halyard Mfg. Co., shoe eyelets, Providence, R. I.
Ham, E. A., masons' & bldrs.' matls., Hunter, N. Y.
Ham, E. W., Elec. Co., Worcester, Mass.
Ham, L. M., Co., machsts. & fndrs., 158 Portland, Boston, Mass.
Hamachek, Frank, agricultural implements, Kewaunee, Wis.
Hamann, J. Henry, architect, 109 Forest av, Brooklyn, N. Y.
Hamar, Alex., common brick, West Lebanon, Ind.
Hamblen, C. F., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., St. Augustine, Fla.
Hamblet Brick Co., Portland, Me.
Hamblet, Geo. W., castings, Lawrence, Mass.
Hamblet Hardware Co., Peabody, Mass.
Hamblet & Hayes Co., mill, fact'y & tanners supplies, 284 Devonshire, Boston, & Peabody, Mass.
Hamblet Machine Co., Lawrence, Mass.
Hamblin & Russell Mfg. Co., wire specialties, Worcester, Mass.
Hamburg Boiler Wks., tanks, Hamburg, Pa.
Hamburg Broom Wks., Hamburg, Pa.
Hamburg Bros., machsts. & fndrs., Mt. Vernon, Wash.
Hamburg Button Co., 1140 B'way, New York.
Hamburg Canning Co., Hamburg, New York.
Hamburg Knitting Mills, sweaters, cardigans, etc., 685 Park av, Brooklyn, N. Y.
Hamburg Lbr. Co., Lemonville, Texas.
Hamburg Planing Mill Co., Hamburg, N. Y.
Hamburg Plow Wks., Hamburg, Pa.
Hamburger Cotton Mills, Columbus, Ga.
Hamburger, E., & Co., mfrs interior hardwood wk., 139 Emerson pl, Brooklyn, N. Y.
Hamburger, Felix, arc lamps, 44 E. 23rd, New York.
Hamburger, Geo., Tool & Supply Co., mill & fcty. supps., Denver Colo.
Hamburger, H., goat & horse hair, bristles, 86 John, New York.
Hamby, A. W., architect, Columbia, S. C.
Hamel, J. J., & Co., lubrg. oils, Union Bk. Bldg., Pittsburgh, Pa.
Hamel Shoe Machinery Co., Bridgeport, Conn.
Hamer, Fred, cornices, 938 W. North av, Chicago, Ill.
Hamer, Hiram J., architect, 2903 Montgomery, Detroit, Mich.
Hamer, J. W., common brick, Armstrong, Ill.
Hamersley Mfg. Co., paper & pulp mills, 232 Greenwich, New York.
Hamersville Canning Co., Hamersville, Ohio.
Hamill, Alex., Iron Wks., machsts., 426 Montgomery, Jersey City, N. J.
Hamill, D. L., Co., plumbers' supplies, jobbers, 60 Delaware av, Buffalo, N. Y.
Hamill, R. H. Co., contrs., Dept. H, R. & P. Bldg., Huntington, W. Va.
Hamilton, A., & Son, contractors, 2490 Tiebout av, New York.
Hamilton, A. R., & Co., coal mine, Commonwealth Bldg., Pittsburgh, Pa.
Hamilton, Alex. D., contractor, Atlanta, Ga.
Hamilton, Alfred O., furnaces, 820 E. 43d, Chicago, Ill.
Hamilton Autographic Register Co., Hamilton, Ohio.
Hamilton, Bacon, Sign Co., advtg., 2440 W. 22d, Chicago, Ill.
Hamilton Bank Note Engraving & Printing Co., street ry. tickets, etc., 142 Adams, Brooklyn, N. Y.
Hamilton-Beach Mfg. Co., electrical labor saving devices & small motors, Racine, Wis.
Hamilton Brick Co., Hamilton, Ohio.
Hamilton Bros., contractors, Lynchburg, Va.
Hamilton Bros. Co., spools, bobbins, Goffstown, N. H.
Hamilton, C. E., contrs., Odd Fellows Bldg., St. Louis, Mo.
Hamilton, C. J., & Son, machsts. & fndrs., Plymouth, Mich.
HAMILTON CASTER & MFG. CO., THE, Hamilton, Ohio.
See adv. index at end of book.

Hamilton & Chambers Co., steel structural wks., 29 Broadway, New York.
Hamilton Co., casein, ferro manganese, castor oil, imp., etc., 50 Church, New York.
Hamilton Constr. Co., Hamilton, Ohio.
Hamilton Copper & Brass Wks., machsts. & fndrs., Hamilton, O.
Hamilton Corp., speedometer mfrs., Lancaster, Pa.
Hamilton Cotton Oil Mill, Hamilton, Tex.
Hamilton Emery & Corundum Co., Chester, Mass.
Hamilton, F. B., architect, City Hall, Kansas City, Mo.
Hamilton Fdry. & Mach. Co., Hamilton, Ohio.
Hamilton, Frank H., architects, City Hall, Springfield, Ill.
Hamilton, G. H., Mfg. Co, canvas gloves, etc., Beaver, Pa.
Hamilton, Geo., jewelers' rolls, 144 Pine, Providence, R. I.
Hamilton, Geo. A., architect, Jefferson Co. Bk. Bldg., Watertown, N. Y.
Hamilton, H. R. P., architect, 1127 Guardian Trust Bldg., Cleveland, Ohio
Hamilton & Hamilton, cornices & skylights, Oskaloosa, Ia.
Hamilton & Hamilton, Jr., silver nov., Providence, R. I.
Hamilton & Hansell, elec. furnaces, 13 Park row, New York.
Hamilton Hdwe. Co., whol. hdwe., 74 Cortlandt, New York.
Hamilton Hardware Corp., mill & factory supplies, builders' hardware & sporting goods, wholesale, Waterbury, Conn.
Hamilton Hosiery Mills, sweaters, cardigans, etc., Hamilton, N. Y.
Hamilton, J. A., & Sons, lumber, Conyers, Ga.
Hamilton, J. E., lbr., Anacortes, Wash.
Hamilton, J. H., & Co., tapes, braids, 25 White, New York.
Hamilton, J. L., architect, 814 Tower ct., Chicago, Ill.
Hamilton, J. M., stone producers, Marion, Ohio.
Hamilton, J. T. & A., glass bottles, 26th & A. V. R. R., Pittsburgh, Pa.
Hamilton, Jas. M., packing box mfrs., Chester, Pa.
Hamilton, John A., architect, 32 B'way, New York.
Hamilton, John A., contractor, Manticoke, Pa.
Hamilton, Jno., Brass Wks., fndrs., Bridgeport, Conn.
Hamilton, Joseph H. (Est. of), stone producers, Lowell, Mich.
Hamilton, Jos. S., contractor, Wilmington, Del.
Hamilton Knitting Mills, sweaters, cardigans, &c., 70 3d, Brooklyn, N. Y.
Hamilton Lbr. & Box Co., Chattanooga, Tenn.
Hamilton Lbr. Mfg. Co., glass, Paterson, N. J.
Hamilton-Low Co., dish washing & knife cleaning machy., 62 Van Winkle av, Jersey City, N. J.
Hamilton Machine Tool Co., lathes, etc., Hamilton, Ohio.
Hamilton Mfg. Co., advtg. nov., Portland, Me.
Hamilton Mfg. Co., tickings, 77 Franklin, Boston, Mass.
Hamilton Mfg. Co., window shades, Anderson, Ind.
Hamilton Mfg. Co., printers' wooden furniture, Two Rivers, Wis.
Hamilton Metal Products Co., graters, Hamilton, Ohio
Hamilton Motor Car Co., York, Pa.
Hamilton, N. S., architect, 84 Peachtree, Atlanta, Ga.
Hamilton Organ Co., Chicago Heights, Ill.
Hamilton, Otto Coke Co., ammonia & tar mfrs., Hamilton, Ohio.
Hamilton-Parker Fuel & Supply Co., masons' & bldrs' matls., 491 Kilbourne, Columbus, Ohio.
Hamilton, R. A., flour, Beaver Creek, N. C.
Hamilton Ridge Lbr. Co., Richmond, Va.
Hamilton, Robt., & Son, soap, 709 Tasker, Philadelphia, Pa.
Hamilton, Robt., & Sons, fndrs., 56 Water, Brooklyn, N. Y.
Hamilton Rubber Mfg. Co., 1229 S. Michigan, Chicago, Ill.
Hamilton, S. M., Co., masons' & bldrs.' matls., Dunkirk, N. Y.
Hamilton-Sargent Co., architects, Clearwater, Fla.
Hamilton Sheet Metal Co., safe deposit boxes, Hamilton, Ohio
Hamilton Smithing & Mfg. Co., dumping wagons, Hamilton, O.
Hamilton Supply Co., mill & facty. supplies, Hamilton, Ohio.
Hamilton Supply Co., plbrs. supplies, 495 W. 145th, New York.
Hamilton, Thomas H., architect, 11 N. Market sq, Harrisburg, Pa.
Hamilton, W. C., & Sons, writing paper, Wm. Penn, Pa.
Hamilton, W. C. T., heating contractors, 2948 Nicollet, Minneapolis, Minn.
Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.
Hamilton Watch Co., Lancaster, Pa.
Hamilton Web Co., cotton webbing, woven labels, Hamilton, R. I.
Hamilton Welding Mfg. Co., Hamilton, O.
Hamilton, Wm., Sons Car Co., Newark, Ohio.
Hamilton's, T., Sons, steel wire, 1340 E. Berks, Phila. Pa.
Hamlen, J. H., & Son, lbr. & shooks, Portland, Me.
Hamler Boiler & Tank Co., Dept. H, W 66th & S 60th av, Chicago, Ill.
Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.
Hamlet Mills, cotton batting, Otter River, Mass.
Hamlin, E. F., Brass Co., Union, N. H.
Hamlin & Emery Brass Co., castings, 49 Island, Boston, Mass.
Hamlin & Morrison, chemical engrs., 119 S. 4th, Phila., Pa.
Hamlin & Sons, contrs., Lake Vela, Ill.
Hamlyn, W. H. & Son, contractors, 35 Greenwich, Providence, R. I.
Hamm, C. E., contractor, Warren, Pa.
Hamm, M., Co., fertilizer, Washington C. H., Ohio.
Hammacher, Schlemmer & Co., mill & facty. supplies, wholesale hdwe., 133 4th av, New York.
Hammann, Wm., ventg. caps, 1057 5th, Milwaukee, Wis.
Hammant & Shoop, machsts. & fndrs., Vassar, Mich.
Hamme, John B., architect, York, Pa.
Hammel Oil Burner Co., Los Angeles, Cal.
Hammel Oil Burning Equip. Co., Inc., burners & furnaces, 409 Pine, Providence, R. I.
Hammel Riglander & Co., watch crystals, 47 Maiden la. New York.
Hammer, Bray, Co., stoves & ranges, Ft. Harrison, Oakland, Cal.
Hammer Bros., White Lead Co., E. St. Louis, Ill.
Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.
Hammer, H. H., machinist, Red Bluff, Cal.
Hammer, Harry G., architect, Glenside, Pa.
Hammer Iron Wks., Fort Smith, Ark.
Hammer Lumber Co., Liberty Bl., Philadelphia, Pa.
Hammer, Thos. B., lumber, Franklin Bk. Bldg., Philadelphia, Pa.
Hammermill Paper Co., Erie, Pa.
Hammet, A., & H. G. Co., masons' & bldrs.' matls., Newport, R. I.
Hammett, H. G., railroad specialties, Troy, N. Y.
Hammett, J. L., Co., school supplies mfrs., Kendall sq, Cambridge, Mass. *See adv index at end of book*
Hammill, A., fndrs., Beloit, Wis.
Hammill & Gillespie, clays, minerals, etc., 240 Front, New York.
Hammill, Wm. S., Co., contractors, Troy, N. Y.

Hammon Coupler Co., pipe, Farmers Bk. Bldg., Pittsburgh, Pa.
Hammond Lumber Co., Van Buren, Me.
Hammond Asphalt Products Co., paints, Hammond, Ind.
Hammond Bedding Co., cotton felt mattresses, Hammond, Ind.
Hammond, Benj., fertilizers, paints, shingle stains, etc., mfrs., Beacon, N. Y.
Hammond Brass Wks., machsts. & fndrs., Hammond, Ind.
Hammond Brick Co. (Ltd.), Hammond, La.
Hammond Bros., contrs., 1732 Grand av, Kansas City, Mo.
Hammond Byrd Iron Co., pig iron dlrs., Birmingham, Ala.
Hammond, C. S., & Co., maps, 30 Church, New York
Hammond, C. & Son, archts., 179 N. Water, New Bedford, Mass.
Hammond, C., & Son, machsts., Ogontz, Pa.
Hammond, Chas. H., architect, 64 E. Van Buren, Chicago, Ill.
Hammond Cornice Wks., Hammond, Ind.
Hammond, E. L., & Son, files, key rings, Sayre, Pa.
Hammond, Edw. J., Co., lumber, 79 Milk, Boston, Mass.
Hammond Engng. Co., vacuum dryers, etc., Warren, Pa.
Hammond Fire Brick Co., Fairmont, W. Va.
Hammond & Freeman, brick, Dutchess Junction, N. Y.
Hammond, G. H., Co., meat packers, Union Stock Yards, Chicago, Ill.
Hammond, Geo. F., archt., 4220 Prospect av, S. E., Cleveland, O.
Hammond Glue Co., Hammond, Ind.
Hammond, H. G., architect, 4507 W. Trenton, Seattle, Wash.
Hammond Hardware & Supply Co., Ltd., Hammond, La.
Hammond, Harold, architect, Hale Bldg., Philadelphia, Pa.
Hammond Heating Co., 130 E. Pearl, Cincinnati, Ohio.
Hammond-Homberger Co., silk bolting cloth, Silver Creek, N. Y.
Hammond Iron Works, steel plate construction, Warren, Pa. *See adv index at end of book.*
Hammond, J. T., & Son, toys, games & nov., 4534 Hedge, Philadelphia, Pa.
Hammond, J. W., machst., Fredonia, N. Y.
Hammond, John, Co., contractor, 68 N. Washington, Chicago, Ill.
Hammond, Knowlton & Co., silk thread, Putnam, Conn.
Hammond Lumber Co., 260 California, San Francisco, Cal.
Hammond Mach. Co., Haverhill, Mass.
Hammond Mach. & Forge Wks., steel struct. wk., Hammond, Ind.
Hammond Malleable Iron Co., castings, Hammond, Ind.
Hammond Mfg. Co., drilling & tapping machine, 6545 Carnegie av, Cleveland, O.
Hammond Mfg. Co., mill & facty. supplies, Kamm Bldg., Portland, Ore.
Hammond Packing Co., meat, Cheyenne, Wyo.
Hammond Packing Co., machsts. & fndrs., St. Joseph, Mo.
Hammond Process Co., paints, Norwich, Conn.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Hammond, Standish Co., meat packers, 20th & Standish, Detroit, Mich.
Hammond Steel Co., Inc., Syracuse, N. Y.
Hammond, Theo. C., cornices, 13 Ferry, Newark, N. J.
Hammond Typewriter Co., 537 E. 69th, New York.
Hammond, W., & Co., whol. lbr., 112 Market, San Francisco, Cal.
Hammond & Yardley, masons' & bldrs.' matls., Stockton, Cal.
Hammons, Geo. L., Inc. See United Asbestos & Packing Co. (successors)
Hammons Land & Lbr. Co., Stuttgart, Ark.
Hampden Brass Co., fndrs., Springfield, Mass.
Hampden Cornice Wks., Springfield, Mass.
Hampden Corundum Wheel Co., Springfield, Mass.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Hampden Lbr. Co., sash, door & blind mfrs., Springfield, Mass.
Hampden Mfg. Co., hooks, tacks, fasteners, 108 Fulton, New York.
Hampden Paint & Chemical Co., Springfield, Mass.
Hampden Toy Co., Westfield, Mass.
Hampden Watch Co., Canton, Ohio.
Hamper & Basket Mfg. Co., fruit & vegetable packages, Bridgeton, N. J.
Hampshire Mfg. Co., spark plugs, Hatfield, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Hampshire Pearl Button Co., Amsterdam, N. Y.
Hampshire Pottery Co., Keene, N. H.
Hampshire Slate Co., Fair Haven, Vt.
Hampson, Jas. A., stone, 3529 S. Leavitt, Chicago, Ill.
Hampson, Walter M., architect, 115 E. 25th, Baltimore, Md.
Hampstead Fertilizer Co., Hampstead, Md.
Hampton & Branchville R. R. Lbr. Co., Hampton, S. C.
Hampton Bros. Co., contractors, Atlantic City, N. J.
Hampton Elec. & Mach. Co., machy. dlrs., 518 Mission, San Francisco, Cal.
Hampton, Geo. O., contr., E. St. Louis, Ill.
Hampton Guano Co., fertilizer mfrs., Norfolk, Va.
Hampton, J. H., Buggy Co., Leaksville, N. C.
Hampton-Kelley Canning Co., Hampton, Ia.
Hampton Lumber Co., Omaha, Neb.
Hampton Lumber Co., Southampton, N. Y.
Hampton Mfg. Co., auto. reliners, Indianapolis, Ind.
Hampton, Ralph L., baling presses, Honeybrook, Pa.
Hampton Stave Co., lumber & cooperage stock, Fordyce, Ark.
Hampton Stock Farm Co., lumber, Glenwood, Mich.
Hampton, Thomas, contractor, Union Savings Bank Bldg., Washington, D. C.
Hampton, W. E., Co., contractors, San Diego, Cal.
Hamrick Mills, cotton sheetings, Gaffney, S. C.
Hamrick Tank & Barrel Hardshell Enameling Co., 5831 Wissahickon av, Philadelphia, Pa.
Hamson, J., & Son, soap, Lynn, Mass.
Hanak Conveyor Co., Houston, Texas.
Hance, J. W., Foundry Co., Westerville, Ohio.
Hance, Wallace E., architect, Equitable Bldg., Wilmington, Del.
Hanchett Swage Works, Big Rapids, Mich.
Hancock Brick & Tile Co., Findlay, Ohio.
Hancock Bros., architects, Fargo, N. D.
Hancock Bros., flour mills, Albany, Ky.
Hancock, C. W., & Son, contractors, Lynchburg, Va.
Hancock, E. J., architect, 216 Boston block, Seattle, Wash.
Hancock, Flora L., canned goods, Salem, N. J.
Hancock Fdry. Mach. Wks., Hancock, Md.
Hancock, Harbin & Hancock, contractors, Mobile, Ala.
Hancock Inspirator Co., machsts. & fndrs., valve mfrs., etc., 119 W. 40th, New York.
Hancock, J. B., masons' & bldrs.' matls., Cookstown, N. J.
Hancock, Jas., dist., Ludlow, Ky.

Hancock, Lewis, Jr., architect, Coal Exch. bldg., Scranton, Pa.
Hancock, L. W., contrs., Louisville, Ky.
Hancock Mfg. Co., machsts. & fndrs., Charlotte, Mich.
Hancock Payne Advertising Agency, 403 Drexel bldg, Philadelphia, Pa.
Hancock S. O., lbr., Casco, Me.
Hancock Shale Brick Co., Hagerstown, Md.
Hancock Stone Co., Findlay, Ohio.
Hancock, W. C., machsts., Concord, Mass.
Hand, B. A., Co., wholesale hdwe., Ottumwa, Ia.
Hand, Edw. L., & Co., 722 Arch, Philadelphia, Pa.
Hand, John E., & Sons Co., binnacles, compasses, indicators, etc., 208 Chestnut, Philadelphia, Pa.
Hand, Jos. A., contractor, 8029 Frankfort av, Philadelphia, Pa.
Hand Knit Hosiery Co., lumbermen's socks, Sheboygan, Wis.
Hand Made Furniture Shop, 426 Armour, Chicago, Ill.
Han-D Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
Hand, Robt. E., ties, poles & posts, Erma, N. J.
Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.
Hand Trading Co., fertilizer, Pelham, Ga.
Hand, W. H., Jr., naval architect, New Bedford, Mass.
Handel Co., machsts. & fndrs., Meriden, Conn.
Handel, Louis, Co., screw mach. products, 138 Center, New York.
Handifold Toilet Paper Co., Leominster, Mass.
Handlan-Buck Mfg. Co., whol. hdwe., mill, facty. & railway supplies, 210 N. 3d, St. Louis, Mo.
Handle & Excelsior Co., Picture Rocks, Pa.
Handley & Co., badges & buttons, 50 John, New York.
Handley, W. A., Mfg. Co., canvas & cotton duck, Roanoke, Ala.
Handlowitch, J., contractor, 579 S. 19th, Newark, N. J.
Handshy, C. E., architect, Zanesville, Ohio.
Handshy, Wm. C., & Son, contractors, Zanesville, Ohio.
Handy Bros., contractors, 106 Field pl, New York.
Handy Bros., lbr. mfrs., Bay City, Mich.
Handy & Harman, gold anodes, 59 Cedar, New York.
Handy Ladder Wks., Cleveland, Ohio.
Handy Light Co., elec. desk lights, 215 Butler, Cincinnati, Ohio.
Handy Mfg. Co., pipe threading dies, stocks, etc., Bridgeport, Conn.
Handy Mfg. Co., screws, clamps, 29 E. Madison, Chicago, Ill.
Handy, N. B., Co., wholesale hdwe., Lynchburg, Va.
Handy Sack Baler Co., Cedar Rapids, Ia.
Handy Specialty Co., hotel silver, 189 W. Madison, Chicago, Ill.
Handy Supply Co., commutator compounds, 11737 Detroit av, Cleveland, Ohio.
Handy Things Mfg. Co., woodenware & novelties, Ludington, Mich.
Hane, F. O., contractor, Bradford, Pa.
Hanel, A. B., Co., contractors, 118 Locust, Milwaukee, Wis.
Hanemann, J. Theo., architect, 50 E. 42nd, New York
Hanes, Jos. H., contractor, Cape May City, N. J.
Hanes, Murray S., architect, 205 S. 6th, Springfield, Ill.
Hanes Roller Mills, State Road, N. C.
Hanes, Samuel J., & Son, archts., 205½ S. 6th, Springfield, Ill.
Haney Carriage & Mach. Co., machsts., Center Hall, Pa.
Haney, J. H., & Sons, harness, saddles, etc., Omaha, Neb.
Haney School Furn. Co., Grand Rapids, Mich.
Haney-White Co., sashes & doors, 17th & Glenwood av, Phila., Pa.
Hanford Iron Works, San Bernardino, Cal.
Hanger, C. F., Co., carriages, 6520 Carnegie av, Cleveland, Ohio.
Hanging Rock Iron Co., Hanging Rock, Ohio.
Hanifen, John, architect, Tribune Bldg., La Salle, Ill., & Ottawa, Ill.
Hanifin, Arthur C., architect, 4161 Byron, Chicago, Ill.
Hanify, J. R., Co., ties, poles & posts, 24 Market, San Fran., Cal.
Hanify Lbr. Co., Raymond, Wash.
Hank Bros., mill & facty. supplies, whol. hdwe., Paducah, Ky.
Hanke Iron & Wire Wks., 803 N. Albany av, Chicago, Ill.
Hanker & Cairns, architects, Scimitar Bldg., Memphis, Tenn.
Hanker, Chas., architect, Toledo, Ill.
Hankey, A., & Co., machsts. & fndrs., Rochdale, Mass.
Hankey, A., & Co., machsts.' tools, Bourse, Philadelphia, Pa.
Hankey Lumber Co., Bowling Green, Ohio.
Hankey Milling Co., flour, Petoskey, Mich.
Hankin, John, & Bro., machsts., 550 W. 25th, New York.
Hankins, H. H., & Bro., masons' & bldrs.' supplies, Bridgeton, N. J.
Hankinson Brick Co., North Augusta, S. C.
Hanks, A. A., assayers, chemists, 630 Sacramento, San Francisco, Cal.
Hanks, Fred. W., meter discs, 10624 St. Clair av, Cleveland, O.
Hanks, O. G., & Co., silk thread, Mansfield Center, Conn.
Hanks Stove & Range Co., Rome, Ga.
Hanky Lumber Co., Bowling Green, Ohio.
Hanlein, Hy., & Son, stone, 417 E. 103d, New York.
Hanley-Casey Co., htg. contrs., 1607 Olive, St. Louis, Mo.
Hanley, John, contractor, McGraw Bldg., Detroit, Mich.
Hanley, R. H., machsts., Palatka, Fla.
Hanley, S. V., vehicle washers, 235 Cambridge av, Milwaukee, Wis.
Hanley, Wm. T., dry dock & marine ry., ft. of Washington, Jersey City, N. J.
Hanline Bros., paint mfrs., 25 S. Howard, Baltimore, Md.
Hanlon Dry Dock & Shipbuilding Co., Oakland, Cal.
Hanlon & Goodman Co., brushes, holders, dusters, etc., 270 Pearl, New York.
Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.
Hanlon, John J., architectural iron, Allentown, Pa.
Hanlon & Oakes, Sioux City, Ia.
Hanlon, Thos. H., contractor, 1817 Dorchester av, Boston, Mass.
Hanlon & Wilson, hand vacuum cleaners, Wilkinsburg, Pa.
Hanna Bros., masons' & bldrs.' matls., Denison, Tex.
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Hanna, F. C., contractor, Cambridge, Ohio.
Hanna, John Paul, architect, 111 W. Washington, Chicago, Ill.
Hanna, Jno., & Sons, contractors, Chester, Pa.
Hanna, M. A., & Co. iron ores & coke, Leader News Bldg., Cleveland, Ohio.
Hanna Paint Mfg. Co., Columbus, Ohio.
Hanna Stone Co., Chester, Pa.
Hanna & Todd, masons' & bldrs.' matls., Aurora, Ill.
Hanna & Young Handle Co., Poplar Bluff, Mo.
Hannaford, S., & Sons, architects, Hulbert blk., Cincinnati, Ohio.
Hannah Bros., contrs., 142 Sansome, San Francisco, Cal.
Hannah, J. S., contractor, Williams Bldg., San Francisco, Cal.
Hannah & Lay Co., wheat flour, Traverse City, Mich.
Hannah & May Mercantile Co., masons' & bldrs.' matls., Traverse City, Mich.
Hannah, Thomas, architect, 209 9th, Pittsburgh, Pa.
Hannahass, R. L., canned goods, Goodview, Va.
Hannan, F. H., Supply Co., masons' & bldrs.' mtls., Bridgeport, Conn.
Hannan & Finton Co., machy. dlrs., Springfield, Mass. (tr.)
Hannan, P. J., Co., contractors, 3921 Palm, St. Louis, Mo.
Hanneman, Aug., sash, door & blind mfrs., Milton av & Monument, Baltimore, Md.
Hanner & Fredericks, htg. contrs., 824 Amsterdam av, New York.
Hanni, Nicholas, flour, Troy, Mo.
Hannibal Car Wheel & Fdry. Co., Hannibal, Mo.
Hannibal Gas Mach & Mfg. Co., Hannibal, Mo.
Hannibal Lime Co., Hannibal, Mo.
Hannibal Milling Co., flour, Hannibal, Mo.
Hannibal Wagon Co., Hannibal, Mo.
Hanniffin Mfg. Co., chucks, countershafts & dies, 621 S. Kolmar av, Chicago, Ill.
Hannon, F. J., masons' & bldrs.' matls., 146 Summer, Boston, Mass.
Hannum, H. A., & Co., pinking & scalloping machy., 303 Wallace, Syracuse, N. Y.
Hannum, Philip G., contractor, Atlantic City, N. J.
Hanny, Chas. G., & Co., archl. iron, 856 W. North, Pittsburgh, Pa.
Hano, Philip, advtg. nov., 806 Greenwich, New York.
Hanover Bending & Mfg. Co., carriage rims, Hanover, Pa.
Hanover Brick Co., Morristown, N. J.
Hanover Cabinet Co., furniture, Dept. H, Hanover, Pa.
Hanover Chem. Wks., Inc., chemicals, aniline dyes & colors, 72 Cliff, New York.
Hanover Cordage Co., Hanover, Pa.
Hanover Heel & Innersole Co., boot counters, Hanover, Pa.
Hanover Red Pressed Brick Co., Hanover, Ohio.
Hanover Wire Cloth Co., Hanover, Pa.
Hanovia Chemical & Mfg. Co., thermometers, pyrometers & artists' materials, 100 Chestnut, Newark, N. J.
Hanpeter, F. W., furniture, 111 H & Palm, St. Louis, Mo.
Hanrahan Brick & Ice Co., Kingston, N. Y.
Hanrahan, Thos. M., & Co., contractors, Schenectady, N. Y.
Hanreddy, Jos., contractor & brick, 127 N. Dearborn, Chicago, Ill.
Hansbrough-Johnston Co., contractors, Monadnock Bldg., San Francisco, Cal.
Hanscom Construction Co., 70 Kilby, Boston, Mass.
Hanscom Cutter Wks., milling, 1297 River H. P., Boston, Mass.
Hanscom, Frank W., boot counters, Haverhill, Mass.
Hanscom Hardware Co., Haverhill, Mass.
Hansell-Elcock Co., mchsts. & fndrs., Archer & Normal avs, Chicago, Ill.
Hansell, Wm. S., & Sons, horse collars, 131 Market, Phila., Pa.
Hanselman, Herman, architect, 57 N. Delaware pl, Chicago, Ill.
Hansen, A., motor boat bldrs., ft. Bay 35th, Brooklyn, N. Y.
Hansen, A. E., consulting engrs., 2 Rector, New York
Hansen, A. M., mchsts. & fndrs., Waupaca, Wis.
Hansen & Bain, machsts. & fndrs., San Francisco, Cal.
Hansen Bros., common brick, Princeton, Ill.
Hansen, Christian, brass & composition fndrs., Bridgeport, Conn.
Hansen Constr. Co., First Nat'l. Bank Bldg., Milwaukee, Wis.
Hansen, Cornelius, masons' & bldrs.' matls., Bessemer, Mich.
Hansen, C. O., architect, 1037 N. Dearborn, Chicago, Ill.
Hansen, F. L., contr., 2000 Polk, San Francisco, Cal.
Hansen, Gunnard A., architect, 7915 Evans av, Chicago, Ill.
Hansen, H. C., Type Foundry, 190 Congress, Boston, Mass.
Hansen, Harold M., architect, 112 N. La Salle, Chicago, Ill.
Hansen, Joe, contractor, Council Bluffs, Ia.
Hansen, John F., contractor, Albert Lea, Minn.
Hansen, John & Sons, soap, 824 30th, Milwaukee, Wis.
Hansen, Marvin W., elec. lamp flashlights, 38 11th, Toledo, Ohio.
Hansen, O. C., Mfg. Co., leather gloves, 291 Milwaukee, Milwaukee, Wis.
Hansen & Olsen, brass & composition fndrs., 506 S. Green, Chicago, Ill.
Hansen, Otto, contractor, 1220 11th av, Spokane, Wash.
Hansen, Otto E., gas logs, Perth Amboy, N. J.
Hansen, Paul, architect, 830 Lawrence av, Chicago, Ill.
Hansen & Peterson Co., contractors, Joliet, Ill.
Hansen, Richard, contractor, Duluth, Minn.
Hansen's Chr. Laboratory, butter colors, Little Falls, N. Y.
Hanshaft, Max, scrap iron, rubber, brass, etc., 262 Front, New York.
Hanson, Albert, Lumber Co., Ltd., Garden City, La.
Hanson, Alfred, & Son, contractors, Augusta, Me
Hanson, Andrew, machsts. & fndrs., Alpena, Mich.
Hanson Bros., scales, 525 N. Ada, Chicago, Ill.
Hanson Bros., screw mach. products, Plainville, Conn.
Hanson, C. H., Co., name plates, rubber stamps, stencils, etc., 178 N. Clark, Chicago, Ill.
Hanson, Chas., bldg. contr., Portland Me.
Hanson, Chas. A., contractor, Portland, Me.
Hanson Clutch & Machy. Co., friction clutches, pulleys, etc., Tiffin, Ohio. *See adv. index at end of book.*
Hanson, E. M., & Co., mill & factory supplies, etc., 130H N 4th, Phila., Pa.
Hanson, F. C., shavings & steel wool, Southbridge, Mass.,
Hanson, Fred, bldg. contr., Madison, Wis.
Hanson Furniture Co., 600H Railroad, Janesville, Wis.
Hanson, H. M., architect, Gloucester, Mass.
Hanson, Hy., metallurgical engrs., 85 2nd, San Francisco, Cal.
Hanson, J. L., Co., stationery, 552 W. Adams, Chicago, Ill.
Hanson & Lantz, canned goods, Edgewood, Md.
Hanson, Louis Co., barbers' chairs, 1500 N. Kostner av, Chicago, Ill.
Hanson Mach. Co., Somerville, Mass.
Hanson Mfg. Co., clocks, Princeton, Ind.
Hanson Motor Co., auto bldrs, Atlanta, Ga.
Hanson, O. L., mason, Hartford, Conn.
Hanson, R., & Sons, lbr., Grayling, Mich.
Hanson Tool & Die Co., 1330 12th, Detroit, Mich.
Hanson & Van Winkle Co., platers' machy. & supplies, 269 Oliver, Newark, N. J.
Hanson-Ward Veneer Co., Bay City, Mich.
Hanssel, Frank G., contractor, Eliott sq., Buffalo, N. Y.

Hanssen's, Louis, Sons, mill & facty. supplies, wholesale hdwe., Davenport, Ia.
Hanstetter, A., airplane parts & supps., 308 Madison av, New York.
Hanten Mach. Co., Watertown, S. D.
Hapgood, Frost & Co., contractors, Wellesley, Mass.
Hapgood, J. J., & Co., lbr., Peru, Vt.
Hapgood Plow Co., Alton, Ill.
Happ, Louis, stone producer, 1315 Penna av, Pittsburgh, Pa.
Happ & Shelverton, architects, Macon, Ga.
Happell, Adam, arch'l iron, 408 E. 93d, New York.
Happell, Otto Gottlieb, architect, 568 Arlington pl, Chicago, Ill.
Happy, Harrison G., architect, Eau Claire, Wis.
Harbach's, L., Sons Co., mattresses, Des Moines, Ia.
Harbater & Silk, contractors, 106 W. 13th, New York.
Harbauer Co., canned goods, Toledo, Ohio.
Harbaugh, A. G., Co., axle greases & oils, Hipp Annex Bldg., Cleveland, Ohio.
Harbaugh Constr. Co., Akron, Ohio.
Harber & Kaufman, contractors, Chamber of Commerce, Detroit, Mich.
Harbin Constr. Co., Lexington, N. C.
Harbin, Sam'l P., contr., 326 W. 13th, Washington, D. C.
Harbison & Gathright, harness, saddles & strap wk. mfrs., Louisville, Ky.
Harbison Mfg. Co., mill & facty. supplies & machstts., 1001 Mulberry, Kansas City, Mo.
Harbison-Walker Refractories Co., fire & silica brick, Farmers' Bk. Bldg., Pittsburgh, Pa.
Harbor Mach. Co., makers of fine tools, 183 High, Boston, Mass.
Harbor Springs Lumber Co., Harbor Springs, Mich.
Harburger & Stack, crude rubber, beeswax, horse hair, 27 Ferry, New York.
Harby Abrams, Melius, contrs., 15H E. 40th, New York
Harcus, Adam H., contractor, Racine, Wis.
Harcus & Co., contractors, 774 Russell, Detroit, Mich.
Hard Mfg. Co., bedstead mfrs., 117 Tonawanda, Buffalo, N. Y.
Hardaway, Cargill Co., canned goods, Columbus, Ga.
Hardaway Contracting Co., Columbus, Ga.
Hardcastle, Mrs. K. N., Co., canned goods, Denton, Md.
Harde, Herbert S., architect, 1 E. 42nd, New York
Harden, Frank, contractor, Camden, N. J.
Hardenburg, H. B., & Co., metal novelties, 70H Washington, Brooklyn, N. Y.
Hardenbergh, Henry J., architect, 47 W. 34th, New York.
Hardenbergh, P. R. L., & Co., fly nets, 237 E. 8th, St. Paul, Minn.
Harder, A. P., cornices, Rockford, Ill.
Harder, Ad & Boesenberg, wall pockets, 377 B'way, New York.
Harder Auto. Truck Co., 149 W. 62d, Chicago, Ill.
Harder, H. J., machsts. & fndrs., Beaver Dam, Wis.
Harder, Julius, architect, 120 W. 32d, New York.
Harder Mfg. Co., agricultural implements, Cobleskill, N. Y.
Hardesty Mfg. Co., iron flumes, Denver, Colo.
Hardesty Mfg. Co., machsts. & fndrs., Dover, Ohio.
Hardgrove, Wm., contractor, Somerville, N. J.
Hardie Mfg. Co., machsts. & fndrs., Hudson, Mich.
Hardie-Tynes Mfg. Co., machsts. & fndrs., Birmingham, Ala.
Hardin Construction Co., 3220 E. Michigan, Indianapolis, Ind.
Hardin, D., Co., interior finish mfrs., Saginaw, Mich.
Hardin-Lavin Co., steam fitters' supps., 4543 Cottage Grove av. Chicago, Ill.
Hardin, M. T., architect, Muskogee, Okla.
Harding, B. W., boilers, Sioux Falls, S. D.
Harding, C. L., architect, 729 15th, N. W., Washington, D. C.
Harding, E. R., Co., contractors, Racine, Wis.
Harding & Fancourt, oils, soap, cotton softeners, etc., 516 S. Del., Philadelphia, Pa.
Harding, H. C., mill soaps, Sedgley W. 17th, Philadelphia, Pa.
Harding, H. W., Lumber Co., Hamilton blvd & Midland av, Detroit, Mich.
Harding, J. W., flour mills, Claysville, Ky.
Harding, J. W., & Co., mill & facty. supplies, Lynn, Mass.
Harding, L., & Sons, scrap iron, steel & rubber, Omaha, Neb.
Harding, Malcolm B., architect, Westfield, Mass.
Harding Mfg. Co., screw driver & knife mfrs., Mansfield, Mass.
Harding, P. E., Constr. Co., Industrial Trust Bldg., Providence, R. I.
Harding & Seaver, architects, 7 North, Pittsfield, Mass.
Harding, Slattery & Buchanan, contractors, Crawfordsville, Ind.
Harding, Walter J., architect, Lawrence, Mass.
Harding, Wm., Jr., roofing slate mfrs., Pen Argyl, Pa.
Hardinge Bros., watchman's portable clocks & watchmakers' & jewelers' tools, 4203 Ravenswood av, Chicago, Ill.
Hardinge Conical Mill Co., grinding mills, etc., 120 B'way, New York.
Hardison, W. T., & Co., masons' & bldrs.' matls., 11 S. Front, Nashville, Tenn.
Hardisty & Co., auger bits, etc., Garland Linwood, Cincinnati, O.
Hardito Metals, Inc., annealing boxes & pyometer tubes, 3 Park Row, New York.
Hardman Button Co., Beverly, Mass.
Hardman, C. C., Co., sashes, doors & blinds, Shreveport, La.
Hardman Lbr. Co., Elkins, W. Va.
Hardman, Peck & Co., pianos, 433 5th av, New York.
Hardman Rubber Corp., automobile tubes, New Brunswick, N. J.
Hardman Tire & Rubber Co., 207 W. 76th, New York.
Hardner, Geo. H., contractor, Allentown, Pa.
Hardock, Benj., mattresses, 531 N. 2d, Philadelphia, Pa.
Hardsocg Mfg. Co., adze mfrs., Ottumwa, Ia.
Hardsocg, Martin Co., spike pullers & tool mfrs., 922 South av, Pittsburgh, Pa.
Hardsog Wonder Drill Co., drill sharpening machines, Ottumwa, Ia.
Hardt Generator Co., Easton, Pa.
Hardware Age, trade publication, 239 W. 39th, New York.
Hardware Agency Co., 159 High, Boston, Mass.
Hardware Dealers' Magazine, trade publication, Grand Central Palace, New York
Hardware House of Am., Inc., wholesale, 78 Warren, New York.
HARDWARE NEWS, 1315 Fulton bldg., Pittsburgh, Pa.
See adv index at end of book
Hdwe. Review, trade publication, Woolworth Bldg., New York.
Hardware Sales Co. (Inc.), sash holders, 500 5th av, New York
Hdwe. Spec. Mfg. Co., Anderson, Ind.
Hardware & Supply Co., hardware, automobile & electrical supp., 21-29 W. Market, Akron, Ohio
Hdwe. Supply Co., Grand Rapids, Mich.
Hardware & Supply Co., 215 Canal, New York.
Hardwick, C. H., & Co., granite, Quincy, Mass.
Hardwick Polishing Co., granite prod., Hardwick, Vt.
Hardwick Stove Co., cast iron hollow ware, Cleveland, Tenn.
Hardwick, W. M., machy. dlrs., Dalton, Ga.
Hardwicke-Etter Co., whol. hdwe. & mill & facty. supps., Sherman, Tex.
Hardwood Finish Co., sash, door & blind mfrs., Athens, Ohio.
Hardwood Flooring Co. See Harris Hardwood Co., Inc. (successors)
Hardwood Interior Co., flooring, 446 6th, San Francisco, Cal.
Hardwood Mfg. Co. See Northern Bag Co. (successors)
Hardwood Mine Roller Co., Punxsutawney, Pa.
Hardwood Package Co., barrels, Finance bldg, Phila., Pa.
Hardwood Products Co., sash, door & blind, Neenah, Wis.
Hardwood Record, trade publication, 537 S. Dearborn, Chicago, Ill.
Hardy Buggy Co., Paducah, Ky.
Hardy, Chas., Inc., mineral broker, 50 Church, New York
Hardy, Chas. H., contractor, Ayer, Mass.
Hardy County Milling Co., flour, Moorefield, W. Va.
Hardy & Day, contractors, Beverly Farms, Mass.
Hardy & Dischinger Co., mill & facty. supplies, Toledo, Ohio.
Hardy, F. A., & Co., 10 S. Wabash av, Chicago, Ill.
Hardy, Frank H., mill baskets, foundry brushes, Andover, Mass.
Hardy Furn. Co., Dept. H, Lincoln, Neb.
Hardy, Geo. F., architect & mill engr., 309 B'way, New York.
Hardy, H. K., contractor, Jackson, Miss.
Hardy, Harry E., contractor, 148 Burrill, Lynn, Mass.
Hardy, L., Co., machsts., Worcester, Mass.
Hardy Mach. Co., N. Baltimore, Ohio.
Hardy Paint & Varnish Co., Toledo, Ohio.
Hardy & Streeter, contractors, 95 Milk, Boston, Mass.
Hardy & Tierney, pipe & boiler coverings, etc., 410 E. 23d, New York.
Hardy, Voorhees & Co., sash, door & blind mfrs., Met. av, Brooklyn, N. Y.
Hardy, Wallace L., machst., Joliet, Ill.
Hardy, W. F., machst., Champaign, Ill.
Hardy, Wm. A., & Sons Co., Babbitt metal, auto & brass castings, etc., Fitchburg, Mass.
Hare, A. A., hot air furnaces, 300 Woodward av, Detroit, Mich.
Hare & Hare, landscape archs., Gumbel Bldg., Kansas City, Mo.
Hare, J. M., machsts. & fndrs., Noblesville, Ind.
Hare, Lou G., contr., Salinas, Cal.
Hare, Robinson-Hughes, lumber mfrs., 15th, Richmond, Va.
Hare, W., & Son, carriages, Noblesville, Ind.
Harer, G. V., contractors, Lykens, Ohio.
Hargett, P. L., & Co., wholesale hdwe., Frederick, Md.
Hargrave, W. T., sash, door & blind, Petersburg, Va.
Hargrove & Ruth Lumber Co., Poplar Bluff, Mo.
Harig, Henry, & Co., contractors, 31 E. 4th, Cincinnati, Ohio.
Haring, D., contractor, Clinton, Ia.
Haring, Ellsworth, iron & steel merchant, 114 Liberty, New York.
HARKER MANUFACTURING CO., fire appliances, 121-123 W. Third, Cincinnati, Ohio *See adv index at end of book*
Harker Pottery Co., East Liverpool, Ohio.
Harkins, M. T., contr., Lewiston, Me.
Harkins, T. B., Fdry. Co., Bristol, Pa.
Harkness, Albert, architect, Grosvenor Bldg., Providence, R. I.
Harkness & Cowing Co., stearic acid, candles, Murray av & Carthage Pike St. B., Cincinnati, Ohio.
Harl, David G., architect, Punxsutawney, Pa.
Harl, McKean, contractor, Punxsutawney, Pa.
Harlan & Hollingsworth Corpn., ship builders, Wilmington, Del.
Harlan, J. M., Lumber Co., Indianola, Ia.
Harlan Morris Mfg. Co., cooperage stock, Jackson, Tenn.
Harland, Wm., & Son, varnishes, Buffalo, N. Y.
Harleigh-Brookwood Coal Co., anthracite, N. A. Bldg., Philadelphia, Pa.
Harleigh Iron Wks. Co., machsts., Hazleton, Pa.
Harlem Mfg. Co., valves, 518 W. 55th, New York.
Harlem River Lbr. & Wood Working Co., 138th & Gerard av, New York.
Harlem Supply Co., plumbers' supplies—jobbers, 116 E. 124th, New York.
Harley, Alvin E., architect, 2631 Woodward, Detroit, Mich.
Harley Bros., mill & facty. supplies, Geneva, Ohio.
Harley Burglar Proof Ventg. Sash Lock Mfg. Co., hdwe. mfrs., 3341 Ogden av, Chicago, Ill.
Harley, C. & G. P., lime, Delphi, Ind.
Harley, Chas., Co., scrap iron, 650 7th, San Francisco, Cal.
Harley Co., machts. & fndrs., Springfield, Mass.
Harley-Davidson Motor Co., motor cycles & bicycles, 3732 Chestnut, Milwaukee, Wis.
Harley, J. S., fly nets, Quakertown, Pa.
Harley, P. N., Hardware Co., Waycross, Ga.
Harley, Wm. H., Jr., architect, 565 W. Washington, Chicago, Ill.
Harlow Lbr. Co., Hartford, Conn.
Harlow, William H., & Sons, masons' & bldrs.' matls., 95 Pierce, Boston, Mass.
Harman Bros., machsts., 1915 Washington av, Phlidelphia, Pa.
Harman & de Rundeau, flour mills, Crimora, Va.
Harman Eave Trough Hanger Co., New Philadelphia, Ohio.
Harman, Ed F., posts (steel), Rosewood, Ohio.
Harman Engng. Co., see Southern Ice Machine Co. (successors).
Harman & Hassert, machsts. & fndrs., Bloomsburg, Pa.
Harman, John B., architect, 56 N. Duke, Lancaster, Pa.
Harman, Jno. H., architect, Uniontown, Pa.
Harman & Moyer, machsts. & fndrs., Freeburg, Pa.
Harmer Laboratories Co., acid monochloracetic & ethyl bromide, 1704 Market, Phila., Pa.
Harmon, Arthur Loomis, architect, 3 W. 29th, New York.
Harmon, C. A., & Son, grey iron castings & diaphragm screens, Watertown, N. Y.
Harmon Color Works, Inc., color mfrs., College Point, L. I., N. Y.
Harmon Creek Coal Co., Oliver Bldg., Pittsburgh, Pa.
Harmon & Dixon, whol. hdwe., 117 Chambers, New York.
Harmon, F. L., & Co., mattresses. Tacoma. Wash.
Harmon, L. S., & Co., furniture, Dept. H, Tacoma, Wash.
Harmon Paper Co., Brownville, N. Y.
Harmon & Reid, flour, Kernersville, N. C.
Harmon & Son, stone producers, Lannon, Wis.
Harmon, William H., & Son, architects, Beverly, Mass.
Harmond, A. H., contr., 130 N. Wells, Chicago, Ill.
Harmony Grove Mills, cotton sheetings, Commerce, Ga.
Harmony Mills, cotton sheetings, Cohoes, N. Y.
Harms Bros., machsts., 1730 Thames, Baltimore, Md.
Harn, Willard E., Co., contractors, 2314 Oak, Baltimore, Md.
Harnden, Jas. H., Co., stone prod., 991 Grand, Brooklyn, N. Y.

Harney Bros., contrs., Aledo, Ill.
Harney, G. E., architect, 320 5th av, New York.
Harney, Jos. G., contractor, 3619 18th, San Francisco, Cal.
Harney, Wm., range boilers, 1349 N. Warnock, Philadelphia, Pa.
Harnisch, Ad. A., archl. modelers, Syracuse, N. Y.
Harnois, F. Louis, architect, 100 E. 16th av, Denver, Colo.
Harper Brick Co., Harrison, N. J.
Harper Brush Wks., mop handles, Fairfield, Ia.
Harper Buggy Co., Columbia City, Ind.
Harper & Buttendorff Co., contractors, Oak Park, Ill.
Harper, C. M. C., masons' & bldrs. matls., Boston, Pa.
Harper, David, masons' & bldrs.' matls. & contr., Harison, N. J.
Harper, F. C., Screw Works, 29 S. Clinton, Chicago, Ill.
Harper, Fred D., dry batteries, Everett, Mass.
Harper, G. H., Co., veneer mfrs., Orange, N. J.
Harper-Hill Brick Co., common, Seattle, Wash.
Harper Lumber & Bldg. Co., Meadville, Pa.
Harper & McIntire Co., wholesale hdwe., Ottumwa, Ia.
Harper Machy. Co., 50 Church, New York.
Harper, M. I., lbr., Reform, Ala.
Harper Mfg. Co., mill & facty. supplies, Chester, Pa.
Harper Oriphone Co., audiphones, 294 Washington, Boston, Mass.
Harper & Reynolds Co., mill & facty. supplies, 152 N. Main, Los Angeles, Cal.
Harper, Thos., brass fndrs., 204 Lafayette, New York.
Harper, W. E., Co., silver nov., New Britain, Conn.
Harper, Walter, stone, Ridley Park, Pa.
Harperly Hall Co., Central contractors, P. N. & 64th, New York.
Harpers Brass Wks., Portland, Ore.
Harpers Ferry Paper Co., Harpers Ferry, W. Va.
Harpham Bros., Co., horse collars, harness, etc., Lincoln, Nebr.
Harpold Bros., wholesale hdwe., Ravenswood, W. A.
Harpole, John A., brick, Clinton, Ky.
Harpring, L. H., & Bro., cornices, 1236 S. Shelby, Louisville, Ky.
Harps, J. A., Mfg. Co., oil cans, automobile tanks, Greenfield, O.
Harpster & Bliss, architects, Nantucket bldg., Akron, Ohio.
Harrah Mfg. Co., tools, Bloomfield, Ind.
Harrah & Stewart Mfg. Co., brooms, soap, Des Moines, Ia.
Harral Soap Co., 136 Havemeyer, Brooklyn, N. Y.
Harrell, H. D., architect, Bennettsville, S. C.
Harrell, R. A., Buggy Co., carriages, South Boston, Va.
Harrigan, J., & Son, cornices & skylights, 111 Liverpool, E. Boston, Mass.
Harrigan, John J., masons' & bldrs.' matls., Beverly, Mass.
Harrigan Safe Co., Kansas City, Mo.
Harriman Fdy. & Mach. Wks., industrial & mine cars & equipment, Harriman, Tenn.
Harriman Industrial Corp., contrs., Harriman, N. Y.
Harriman, L. P., brass fndrs., Lyndonville, Vt.
Harriman Mfg. Co., agricultural implements & plow stocks, Harriman, Tenn.
Harriman Milling Co., flour, Harriman, Tenn.
Harriman Motors Co., South Glastonbury, Conn.
Harriman, S. H., dowels, Fryeburg, Me.
Harring, F. J., & Co., fndrs., Grand Rapids, Mich.
Harrington, B. E., & Sons, canned goods, Taylors Island, Md.
Harrington Bros., bldg. contrs., 3919 Flad av, St. Louis, Mo.
Harrington, C. W., Co., contrs., Branford, Conn.
Harrington Canning Co., Harrington, Del.
Harrington Cutlery Co., Southbridge, Mass.
Harrington, E. G. & Co., pianos, 433 5th av, New York.
ping machines, etc., 17th & Callowhill, Philadelphia, Pa.
Harrington, Geo. S., Co., tex. machy., pickers (hair), 77 Washington, N. Boston, Mass.
Harrington & Howard, architects, Dubois, Pa.
Harrington, Hubert, mill & facty. supplies, Fargo, N. D
Harrington, Jno. (Est. of), stone, Chambridge, Mass.
Harrington, King & Co., mill & facty. supplies, 79 Commercial, Boston, Mass.
Harrington & King Perforating Co., mining screens, 614 N. Union av, Chicago, Ill.
Harrington, Edwin, Son & Co., drilling, staybolt threading tap-
Harrington, L., Co., architects, Frost Bldg, San Antonio, Tex.
Harrington Mach. Co., Erie, Pa.
Harrington Milling Co., lumber, Harrington, Wash.
Harrington, P. J., stone producers, Norwich, Conn.
Harrington-Peters Co., contractors, Oriental Bldg., Seattle, Wash.
Harrington & Richardson Arms Co., gun & pistol mfgrs., Worcester, Mass.
Harrington-Robinson & Co., steel structural dlrs., 45 Bromfield, Boston, Mass.
Harrington, T. J., knives, shoemakers' tools, Southbridge, Mass.
Harrington, T., & Sons, contractors, 558 Montgomery, Jersey City, N. J.
Harrington, W. H., architect, 19 E. 48th, New York.
Harris, A. H., sash, door & blind, Pittston, Pa.
Harris, A. J., & Co., scrap iron, Lowell, Mass.
Harris, A. W., & Co., lubrg. oils & greases, 17 Battery pl., New York
Harris, A. W., Oil Co., boiler compounds, lubricating oils, etc, 326 S. Water, Providence, R. I.
Harris Air Pump Co., 421 W. South, Indianapolis, Ind.
Harris, Alfred & Co., cotton & wool waste, 146 Summer, Boston, Mass.
Harris, Alfred W., architect, Schofield Bldg., Cleveland, Ohio.
Harris, Arthur, & Co., fndrs., 212 N. Curtis, Chicago, Ill.
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Harris Automatic Press Co., E. 71st, Cleveland, Ohio.
Harris Bag Co., 508 Caxton, Cleveland, Ohio.
Harris, Benj., Co., badges & buttons, 229 Bowery, New York.
Harris, Benj., & Co., smelters & refiners & scrap dealers, 21st & Loomis, Chicago, Ill.
Harris Brick Co., Cincinnati, Ohio.
Harris-Brockman Mfg. Co., pumps, Greenville, S. C.
Harris Bros., masons' & bldrs.' matls., Zanesville, Ohio.
Harris Bros., whol. hrwe., 226 S. Main, Los Angeles, Cal.
Harris Bros., Co., second hand bldg. matls. & machy. dlrs., 35th & Iron, Chicago, Ill.
Harris, Burt, scrap iron, 30 Church, New York.
Harris, C. E., Hardware Co., Rockville, Conn.
Harris, C. F., contractor, Youngstown, O.
Harris, C. P., masons' & bldrs.' matls., Meadville, Pa.
Harris, C. S., contractor, Price, Utah.
Harris, C. S., cornices, Shelter Island Heights, N. Y.
Harris, C. S., Co., machsts, Rome, N. Y.
Harris Calorific Co., 2828 Wash. av, Cleveland, Ohio.
Harris Carriage Co., Lynchburg, Va.
Harris, Chas., architect, Moweaque, Ill.
Harris, Chas. E., auto wheels, Easthampton, Mass.
Harris, Chas. F., & Co., carriages, Littleton, N. H.
Harris-Clark Co., machsts,, Westfield, N. J.
Harris Clay Co., Dillsboro, N. C.
Harris Creek Lbr. Co., Horseshoe Bend, Idaho.
Harris, Delancey P., Hardware Co., 24 Murray, New York.
Harris, D. D., Jr., contr., Mound City, Ill.
Harris, Dell W., architect, 1015 Union, Seattle, Wash.
Harris, Edgar T., contractor, South Hadley Falls, Mass.
Harris Emery Co., cariage cloth, flannels—woolen, Penacook, N. H.
Harris Engine Co., Front & Orange, Wilmington, Del.
Harris, F. T., architect, Redlands, Cal.
Harris Fire Apparatus Co., fire extinguisher & supps., 39 E. 19th, New York.
Harris, Franklin M., & Co., contractors, 1820 Wylie, Phila., Pa.
Harris, Frederick T., wire, 69 Sprague, Providence, R. I
Harris, G. H., Co., poker sets, 61 Clymer, Brooklyn, N. Y.
Harris, Geo. D., contractor, Albion, N. Y.
Harris, Geo. W., Co., loom harness, Lowell, Mass.
Harris, C. J., Granite Quarries Co., Salisbury, N. C.
Harris Engng. Co., jigs & fixtures, tapping machs., hob grinding machs., multiple slide presses, offset drilling attachments, gauges of all descriptions & spec. machy., models, etc., 1047 Broad, Bridgeport, Conn.
Harris, H. P., cornices & skylights, Monticello, Ill.
Harris Hardware Co., Washington, N. C.
Harris, Hardwood Co., Inc., flooring, Roanoke, Va.
Harris & Harrington, English hall clock, 29 Park pl, New York.
Harris, Harvey E., architect, 20 Montgomery, San Francisco, Cal.
Harris, Herman A., contr., 5001 Lexington av, N. E., Cleveland, Ohio.
Harris, I. H., lumber, Woodstock, Va.
Harris Ice Mach. Wks., Portland, Ore.
Harris Iron & Supply Co., Memphis, Tenn.
Harris, J., Co., gas stoves, Cleveland, Ohio.
Harris, J. P., canned goods, Preston, Md.
Harris, J. W., mill & facty. supplies, whol. hdwe., Americus, Ga.
Harris Knitting Mills, knitted gloves, Armat & Lena, Gtn., Philadelphia, Pa.
Harris, L., contr., Benton, Ill.
Harris, L., & Sons, plate glass, 177 Greenwich, New York.
Harris, L. W., contr., Bakersfield, Cal.
Harris Laboratory, Inc., rubber tests, 26 Cortlandt, New York.
Harris, Leonard B., architect, 233 B'way, New York
Harris, M. R., masons' & bldrs.' matls., Ottawa, Kans.
Harris Machinery Co., Washington & University, S. E., Minneapolis, Minn.
Harris, Mandel H., architect, 1533 S. Central Park, Chicago, Ill.
Harris Mfg. Co., feed carriers, bowls, cattle stanchions, etc., Salem, Ohio.
Harris Mfg. Co., lumber, Johnson City, Tenn.
Harris Mfg. Co., machinists, Stockton, Cal.
Harris & Merritt, architects, Erie Co. Bk. Bldg., Buffalo, N. Y.
Harris Milling Co., flour, Mt. Pleasant, Mich.
Harris, Morgan, contractor, Carnegie, Pa.
Harris Municipal Garbage Incinerator & Steam Generator Co., Nashville, Tenn.
Harris Oil & Grease Wks., lubrg., Titusville, Pa.
Harris, P. E., & Co., canned goods, Seattle, Wash.
Harris, P. S., bank & office railings, Wheeling, W. Va.
Harris Player Piano Co., Binghamton, N. Y.
Harris Pump & Supply Co., water supply systems, 320 2d av, Pittsburgh, Pa.
Harris, R., traveling bags, 4824 S. Main, Los Angeles, Cal.
Harris, R. F., & Co., agricultural implements, Charlottesville, Va.
Harris, R. H., & Sons, carriages, Pulaski, Tenn.
Harris, Ralph C., architect, 79 W. Monroe, Chicago, Ill.
Harris, Ralph W., architect, 190 N. State, Chicago, Ill.
Harris, Robt. L., architect, Calvert Bldg., Baltimore, Md.
Harris, S. H., Co., archl. iron, 2424 W. 22nd, Chicago, Ill.
Harris Safety Co. (of Youngstown, O.), archl. iron, 39 E. 19th, New York.
Harris, Samuel, & Co., machsts., mill, facty. supplies & tools, 114 N. Clinton, Chicago, Ill.
Harris-Smith Coal & Coke Co., Uniontown, Pa.
Harris Smokeless Furnace Co., Nashville, Tenn.
Harris Soap Co., 18 Stetson, Buffalo, N. Y.
Harris Trunk Mfg. Co., Portland, Ore.
Harris, W. E., architect, Portsmouth Bldg., Kansas City, Mo.
Harris, W. H., lbr., East Sullivan, N. H.
Harris-Wheaton Co., boot counters, 157 Pearl, Boston, Mass.
Harris, William & Sons, mason bldrs., Seymour, Conn.
Harris, Wm. M., Jr., masons' & bldrs.' matls., 546 Atwells av, Providence, R. I.
Harris Wood Fibre Mantle Co., 1569 Columbus, N. W., Cleveland, Ohio.
Harris & Alden, architects, Exchange Bk. bldg., St. Paul, Minn.
Harris & Reed, ball & roller bearing auto. hubs, bicycle parts & sundries, 1500 W. 15th, Chicago, Ill.
Harris & Richards, architects, Drexel Bldg., Philadelphia, Pa.
Harrisburg Bag & Box Co., paper flour bags, Harrisburg, Pa.
Harrisburg Brass & Bronze Foundry, Harrisburg, Pa.
Harrisburg Burial Case Co., Harrisburg, Pa.
Harrisburg Foundry & Machine Co., engine builders, Harrisburg, Pa.
Harrisburg Fdry. & Mach. Shop, Harrisburg, Ill.
Harrisburg Hdwe. Co., whol. hdwe., Harrisburg, Pa.
Harrisburg Iron & Steel Co., scrap, Harrisburg, Pa.
Harrisburg Mfg. & Boiler Co., hot air furnaces & steam heaters, Harrisburg, Pa.
Harrisburg Pipe & Pipe Bending Co., rolling mill, Herr nr. 10th, Harrisburg, Pa.
Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.
Harrisburg Stamping Co., Harrisburg, Pa.
Harrisburg Warehouse & Lbr. Co., Harrisburg, Ore.
Harrison, B. J., Mfg. Co., folding camp & steamer chairs, Arkville, N. Y.
Harrison, B. J., Son Co., piano benches, Winsted, Conn.
Harrison Bolt & Nut Co., Harrison, N. J.
Harrison Bros. & Co., chemicals, 35th & Grays Ferry av, Philadelphia, Pa.
Harrison Bros. & Co., carriages, Jersey, Ohio.
Harrison Bros. Co., sand & gravel dlrs., Tacoma, Wash.
Harrison Bros. Contrg. Co., Western Port, Md.
Harrison Bros., Inc., abrasives, Amesburg, Mass.
Harrison Co., cardboard signs, Union City, Ind.
Harrison & Co., key cutting machs., 81 New, New York.

Harrison Constr. Co., Petersburg, Va.
Harrison & Craig Co., contractors, 23 Clinton, Newark, N. J.
Harrison & Curtis, masons' & bldrs.' matls., Newburgh, N. Y.
Harrison, D. A., carriages, Clarksville, Tenn.
Harrison & Dean, Inc., conts., Huntington, W. Va.
Harrison Dust Guard Co., Toledo, Ohio.
Harrison Elec. Co., Van Brunt, Brooklyn, N. Y.
Harrison Engineering & Constr. Corp., Elicott sq., Buffalo, N. Y.
Harrison Fertilizer Co., Harrison, Ga.
Harrison, E. L., architect, Memphis, Tenn.
Harrison Granite Co., 200 5th av, New York.
Harrison, H. H., & Co., engrs., employment agencies, Assn. Bldg., Chicago, Ill.
Harrison, Jas. S., & Co., wood handles, Addison, N. Y.
Harrison, John (Est. of). See Harrison, John, Corp. (successors)
Harrison, John, Corp, tarpaulins, 169 South, New York
Harrison, John F., cooperage stock, Bienville, La.
Harrison, M. Joseph, architect, 63 Park Row, New York.
Harrison, M., & Son, cornices, 214 E. 52d, New York.
Harrison Machine Wks., Belleville, Ill.
Harrison Machine Works, 717 N. Main, Los Angeles, Cal.
Harrison Mfg. & Boiler Co., boilers, pipe, etc., Harrisburg, Pa.
Harrison, Merritt, architect, Bd. of Trade Bldg., Indianapolis, Ind.
Harrison & Meyer, contrs., Oliver Bldg., Pittsburgh, Pa.
Harrison, R. C., & Co., stone, 3d & Allegheny, Philadelphia, Pa.
Harrison Radiator Corp., Lockport, N. Y.
Harrison, Robt., Co., auto. wood bodies, 330 W. 1st, So. Boston, Mass.
Harrison Safety Boiler Works Corp., see Cochrane, H. S. B. W. Corp. (successors)
Harrison Sq. Fndry. Co., Boston, Mass.
Harrison Supply Co., abrasives, granite marble polishing machy., polishers' supps. & granite cutters' tools, 209 Washington, Boston, Mass.
Harrison, T. P., contractor, Lincoln, Neb.
Harrison, W. H., Co., masons' & bldrs.' matls., Grand Island, Neb.
Harrison, W. R., & Co., agricultural implements, Massillon, Ohio.
Harrison, Walter H., landscape architect, La Mott, Pa.
Harrison, Wm. H., brick, E. 49th, opp. Guy av, Cleveland, Ohio.
Harrisonburg Milling Co., flour, Harrisonburg, Va.
Harris's, J. M., Sons, flour mills, Glen Easton, W. Va.
Harrman & Son, brick, Antwerp, Ohio.
Harrold Tool & Forge Co., Columbiana, Ohio.
Harron, Rickard & McCone, jobbers, machinery, supplies & machsts.' tools, 139 Townsend, San Francisco, Cal.
Harroun, J. E., & Son, lumber mfrs., Watertown, N. Y.
Harroun Motors Corp., Wayne, Mich.
Harrow Spring Co., rolling mills & mfrs. of implement springs, Milwaukee, Wis.
Harroway, M. W., masons' & bldrs.' matls., Richmondville, N. Y.
Harry Bros. Co., corrugated galvanized iron lawn rollers, Carr & I. C. R. R., New Orleans, La.
Harry Bros. Mfg. Co., dies & metal stamping, 282 E. Woodbridge, Detroit, Mich.
Harry, C. F., lbr., Grover, N. C.
Harry, I. H., flour mills, Falls Mills, Va.
Harry, L. C., Co., bolts, spikes, etc., 114 Liberty, New York
Harry, O. K., Steel Wks., Dallas, Tex.
Harry, O. K., Steel Co., 2333 Papen, St. Louis Mo.
Harry, S. J., Co., contractors, Connellsville, Pa.
Harryman Brothers, see Harryman, H. & H. (successors).
Harryman, Geo., & Bro., Dept. H, broom corn, Spring & Fleet, Baltimore, Md.
Harryman, R. E., Mach. Co., Louisville, Ky.
Harryman, R. & H., broom corn, Wichita, Kansas.
Harsch, John Co., brass fndrs., Madison av, Cleveland, Ohio
Harsh-Miller Mfg. Co., hdwe. mfrs., Wabash, Ind.
Harsha, L. R., Mfg. Co., weather strips, mouldings, 2010 Carroll av, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., chemical mfrs. & dealers, Elec. Bldg., Cleveland, Ohio
Harshbarger Milling Co., flour, Milton, W. Va.
Harshfield, Fred, canned goods, Shepherdsville, Ky.
Harshman, John F., & Sons, machsts. & founders, Saratoga, Ind.
Harstick Heating Co., Memphis, Tenn.
Hart, B. F., Jr., & Co., water cooling towers & contractor, 50 Church, N. Y.
Hart & Bailey, contractors, 16th & Louden, Philadelphia, Pa.
Hart & Bro. Co., meat packers, Wilmington, Del.
Hart Bros., bldg. contrs., 36 Pacific, Lynn, Mass.
Hart Bros. Machine Co., Clarksburg, W. Va.
Hart Cedar & Lumber Co., Hart, Mich.
Hart, Charles F., contractor, 71 Lafayette av, New Brighton, N. Y.
Hart, Chas. H., cornices, Aurora, Ill.
Hart, Chas. M., architect, 12 E. 44th, New York
Hart & Co., brushes, commutator compounds, Fostoria, Ohio.
Hart & Cooley Co., Inc., wrought steel hot air registers, New Britain, Conn.
Hart & Crouse Co., furnaces, Utica, N. Y.
Hart, Donald P., architect, 27 E. 40th, New York.
Hart, Dow J., lock corner boxes, Marlboro, N. H.
Hart, E. W., architect, East Las Vegas, N. M.
Hart Edison Packing Co., 234 State, Boston, Mass.
Hart, Edward, contr., Norfolk, Va.
Hart Fndry. Co., Lawrence, Mass.
Hart Fndry. Co., Peoria, Ill.
Hart, Frank J. W., architect, Hot Springs, Ark.
Hart, Fdk., & Co., designers & makers special machy., 837 Main, Poughkeepsie, N. Y.
Hart Glass Mfg. Co., bottles, Dunkirk, Ind.
Hart Grain Weighter Co., Eaton, Water & Hancock, Peoria, Ill.
Hart, H. C., Implement Co., La Crosse, Wis.
Hart, H. C., Mfg. Co., die sinkers, letter openers, cutlery, etc., Unionville, Conn.
Hart & Hegeman Mfg. Co., junction boxes, clamps, machsts., etc., 342 Capitol av, Hartford, Conn.
Hart & Hutchinson Co., steel lockers & factory equipment mfrs., Corbin av, New Britain, Conn.
Hart, I. S., sash, door & blind, Sayre, Pa.
Hart, Jas. A., Co., contractors, 256 B'way, New York.
Hart, Jas. J., Constr. Co., Yonkers, N. Y.
Hart, J. L., Lbr. Co., Meridian, Miss.
Hart, Jno. N., Lbr. Co., Portsmouth, Va.
Hart Lumber & Mfg. Co., Inc., spokes, handles & whipstock, Martinsville, Va.
Hart Mfg. Co., belt fasteners, St. Louis, Mo.
Hart Mfg. Co., desk mfrs., Findlay, Ohio.
Hart Mfg. Co., die stocks, Cleveland, Ohio.
Hart Mfg. Co., machsts. & fndrs., 352 Atlantic av, Boston, Mass.
Hart Mfg. Co. (The), "Diamond H" switches, mfrs., 230 Hamilton, Hartford, Conn. *See adv. index at end of book.*
Hart Mirror Plate Co., Grand Rapids, Mich.
Hart, P. A., contractor, 71 Lafayette av, New Brighton, N. Y.
Hart Packing Co., 144 High, Boston, Mass.
Hart & Page, mason's & bldrs.' matls., Rockford, Ill.
Hart-Parr Co., machsts. & fndrs., Charles City, Ia.
Hart, Patrick, scrap iron, Newburgh, N. Y.
Hart, Patrick J., cornices, Fitchburg, Mass.
Hart, R. A., machsts., Battle Creek, Mich.
Hart, R. E., architect, Watkins bl., Nashville, Tenn.
Hart, S. W., & Son, masons' & bldrs.' matls. & contr., Minerva, Ohio.
Hart, Sanford P., architect, Carroll, Ia.
Hart Sash Holder Co., Lexington, Mo.
Hart, T. T., Paper Co., Albany, Ind.
Hart, Thos. H., Co., machsts. & fndrs., 364 Atlantic av, Boston, Mass.
Hart-Ward Hardware Co., Raleigh, N. C.
Hart, Wm., coffee roasters, cooking apparatus, etc., 34 Catherine, New York
Hart-Wood Lbr. Co., Northwestern Bk. Bldg., Portland, Ore.
Hart-Wood Mill Co., lbr., Raymond, Wash.
Hartbauer, Dan'l, stone producers, 4109 Liberty av., Pittsburgh, Pa.
Harte, J. H., contractor, Omaha, Nebr.
Hartel Bros. & Co., steel merchants, 307 Atlantic av, Boston, Mass.
Harter Co., lamp cord adjusters, Waukegan, Ill.
Harter Mfg. Co., fixture clusters, shade holders, 524 S. Clinton, Chicago, Ill.
Hartford Auto. Parts Co., Hartford, Conn.
Hartford Blower Co., shavings collecting systems, Hartford, Conn.
Hartford Board Co., Hartford, Conn.
Hartford Bros., machsts. & fndrs., 102 South, Boston, Mass.
Hartford Burial Case Co., Hartford, Conn.
Hartford Canning Co., Hartford, Wis.
Hartford Clamp Co., Hartford, Conn.
Hartford City Paper Co., Hartford City, Ind.
Hartford Constr. Iron Wks., steel centering, Hartford, Conn.
Hartford Contractors' Supply Co., mill & facty. supps., Hartford, Conn.
Hartford Drop Forge Co., Hartford, Conn.
Hartford, Edw. V., auto. brakes, shock absorbers, 141 Morgan, Jersey City, N. J.
Hartford Engine Wks., mtlc. packing, Hartford, Conn.
Hartford Faience Co., archl. faience, Hartford, Conn.
Hartford & Hausler, architects, Pioneer Bldg., St. Paul, Minn.
Hartford Lbr. Co., Hartford, Conn.
Hartford Lumber Co., sash, door & blind, Hartford, Wis.
Hartford Machine Screw Co., Hartford, Conn.
Hartford Mattress Co., Hartford, Conn.
Hartford Mill Supply Co., Hartford, Conn.
Hartford Paper Co., Hartford, Conn.
Hartford Shingle Co., Arlington, Wash.
Hartford Special Machny. Co., dynamometers, Hartford, Conn.
Hartford Stained Glass Wks., Hartford, Conn.
Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.
Hartford Sterling Co., table silverware, 24th & Locust, Phila., Pa.
Hartford Time Switch Co., 71 Murray, New York.
Hartford Wire Wks., bed springs, Hartford, Conn.
Hartig, Louis, masons' & bldrs.' matls., wholsale hdwe., 1001 7th, N. W., Washington, D. C.
Hartig Standard Gas Engine Co., machsts., 69 Commercial, Newark, N. J.
Hartig, W. F., Plow Co., Evansville, Ind.
Hartigan, W. B., architect, 22 S. Albany av, Chicago, Ill.
Harting, S., contractor, 20 S. Johnson, Gtn., Philadelphia, Pa.
Hartje Paper Mfg. Co., Columbia Bank bldg., Pittsburgh, Pa.
Hartley Boiler Wks., Montgomery, Ala.
Hartley, C. J., Co., machsts., Peoria, Ill.
Hartley, Geo., brass, copper, broom & brush wire, Waterbury, Conn.
Hartley, John H., cornices, 3402 H., Philadelphia, Pa.
Hartley, Jno. J., Agency, contrs., Muncie, Ind.
Hartley-Rose Belting Co., 425 1st av, Pittsburgh, Pa.
Hartley Screw Products Co., Poinier, Newark, N. J.
Hartley Shingle Co., lumber, Everett, Wash.
Hartley, T., machst., 75 Delevan, Brooklyn, N. Y.
Hartley, W. H., Sons & Co., cornices & skylights, Cambridge, O.
Hartline Mill & Elevator Co., flour, Hartline, Wash.
Hartlove Packing Co., canned goods, 14 N. Schroeder, Baltimore, Md.
Hartman, Albert, architect, Dunmore, Pa.
Hartman Broom Co., Clay Center, Kans.
Hartman Bros., contractors, Williamsport, Pa.
Hartman Bros., Inc., importers, oil, hair, crude rubber, etc., 641 Atlantic av, Boston, Mass.
Hartman Bros., mattresses, Quincy, Ill.
Hartman Co., fndrs., 1231 N. Front, Philadelphia, Pa.
Hartman, E. F., Co., pads & tablets, Springfield, Ill.
Hartman Electrical Mfg. Co., circuit breakers & elec. specialties, Mansfield, Ohio.
Hartman-Franz Co., tin plate, metals, etc., Dayton, Ohio.
Hartman, G. W., Htg. Co., 12th & Oxford, Philadelphia, Pa.
Hartman-Greiling Co., tubular boilers, Green Bay, Wis.
Hartman, H. J., Fdry. Co., castings, Grand Rapids, Mich.
Hartman Hardware Co., McKeesport, Pa.
Hartman Ingot Metal Co., 2511 W. 21st, Chicago, Ill.
Hartman, J., architect, 106 W. 96th, New York.
Hartman, J. H. B., Co., machsts. & fndrs., Millheim, Pa.
Hartman, John H., & Bros., contractors, Williamsport, Pa.
Hartman Mfg. Co., agricultural implements, Vincennes, Ind.
Hartman, Wm. T., cornices, Lyons, N. Y.
Hartmann, G., Contracting Co., Chemical Bldg., St. Louis, Mo.
Hartmann-Malcolm Co., classic wood carvers, 847H N. Troy, Chicago, Ill.
Hartmann, Neubert Lumber Co., cedar shingles, Seattle, Wash.
Hartmann Pacific Co., Inc., imprs. burlap, kapok, hemp, etc., 80H Wall, New York

Hartmann, Robt., Co., cardboard signs, 409 Pearl, New York (tr.
Hartmann-Sanders Co., porch columns, etc., 2155 Elston av, Chicago, Ill.
Hartmann Trunk Co., Racine, Wis.
Hartnett, J. A., & Bro sash, door & blind mfrs., Dover, Del.
Hartnett, W. J., cornices, Easton, Md.
Harton, Pembroke D., Co., machsts. & fndrs., Lawrence & Leigh, Philadelphia, Pa.
Hartranft, Frank, fertilizer mfrs., Coatesville, Pa.
Hartranft, Wm. G., Co., masons' & bldrs.' matls., Real Estate Tr. Bldg., Philadelphia, Pa.
Hartsburg & Hawksley Co., sash, door & blind, North Aurora, Ill.
Hartsells Mach. Co., Hartsells, Ala.
Hartshorn, C. H., reed & rattan wks., children's carriages & rattan furniture, Gardner, Mass.
Hartshorn, F. E., lbr. mfrs., New Haven, Conn.
Hartshorn, Stewart Co., shade rollers, Grand av, Newark, N. J.
Hartsig, Jacob, common brick, Warren, Mich.
Hartson, L. M., Co., mill & facty. supplies & tex. machy., supplies, etc., N. Windham, Conn.
Hartsook, L. P., architect, Am. National Bank Bldg., Richmond, Va.
Hartsville Fertz. Co., Hartsville, S. C.
Hartsville Milling Co., flour, Hartsville, Tenn.
Hartsville Oil Mill, meal, Hartsville, S. C.
Hartsville Supply Co., mill & facty. supplies, Hartsville, S. C.
Hartwell Bros., wood, handles, wagon spokes, etc., Chicago Heights, Ill.
Hartwell, C. C., Co., Ltd., mill & facty. supplies, New Orleans, La.
Hartwell, C. L., & Co. See Hartwell Handle Co. (successors)
Hartwell Handle Co., Harvey, Ill.
Hartwell, Henry W., architect, 147 Summer, Waltham, Mass.
Hartwell Iron Wks., Houston, Tex.
Hartwell Mills, cotton sheetings, Hartwell, Ga.
Hartwell, Richardson & Driver, architects, 68 Devonshire, Boston, Mass.
Hartwell, Walter A., bldg. contr., Fitchburg, Mass.
Hartwick, E. F., & Co., landscape archs., Ford Bldg., Detroit, Mich.
Hartwig, Harry F., contractor, 7403 J, Philadelphia, Pa.
Hartwig & Kemper, chair manfrs., 405 W. Barre, Baltimore, Md.
Hartwig, Wm. J., Co., soldering flux, 205 E. Jefferson, Detroit, Mich.
Harty Bros. & Harty Co., sash, door & blind mfrs., 2100 Loomis, Chicago, Ill.
Harty, Geo. M., Lbr. Co., Tacoma, Wash.
Hartz, H. V., Co., machy., Cuyahoga & Mahoming av, Cleveland, Ohio.
Hartzell, Geo. W., lumber mfrs., Dayton, Ohio.
Hartzell, Walnut Propeller Co., Pipua, Ohio.
Hartzfeld, Clarence, architect, 7 S. Dearborn, Chicago, Ill.
Harum, David, Canning Co., Homer, N. Y.
Harvard Co., dental chairs, Canton, Ohio.
Harvard Elec. Co., testing clamps & elec. cable hangers, 525 W. Van Buren, Chicago, Ill.
Harvard Engng. School, Cambridge, Mass.
Harvard Knitting Mills, sweaters, cardigans, etc., 19 E. 24th, New York.
Harvard Piano Co., Dayton, Ky.
Harvard-Pioneer Motor Car Co., Troy, N. Y.
Harvey, Arthur C., Co., steel & iron, 506 Cambridge, Allston dist., Boston, Mass.
Harvey Brick & Tile Co., Harvey, Ia.
Harvey-Burden Const. Co., Central Natl. Bank Bldg., St. Louis, Mo.
Harvey Chemical Co., metal polish & carbon removers, Lafayette, Ind.
Harvey Coal & Coke Co., Macdonald, W. Va.
Harvey Co., mill & facty. supplies, 113 South, Baltimore, Md.
Harvey Fibre Carpet Co., Trenton & Allegheny av, Phila., Pa.
Harvey Furnace Co., 337 W. 38th, New York.
Harvey, Geo. E., machst., Lewiston, Me.
Harvey, Geo. L., architect, 105 S. Dearborn, Chicago, Ill., & Port Huron, Mich.
Harvey, Geo. W., Co., contractors, 201 Devonshire, Boston, Mass.
Harvey, John, Fuel & Feed Co., Leadville, Colo.
Harvey Lbr. Co., Valdosta, Ga.
Harvey Mfg. Co., Inc., piano hdwe., 1902 State, Bridgeport, Conn.
Harvey Mill Co., lumber, Etna, Wash.
Harvey Milling Co., feed, Harvey, N. D.
Harvey Motor Truck Wks., auto. bldrs., Harvey, Ill.
Harvey & Outerbridge, cod oil, 11 B'way, New York.
Harvey Paper Co., rope, Wellsburg, W. Va.
Harvey Spring & Forging Co., Racine, Wis.
Harvey, W. A., elec. toys & auto. lamps, Scranton, Pa.
Harvey, W. T., Lumber Co., Columbus, Ga.
Harvey, W. W., & Son, machsts. & fndrs., Constantine, Mich.
Harvey & Watts, smoking pipes, 1822 E. Venange, Phila., Pa.
Harvey, Wm., mattresses, Norristown, Pa.
Harvey, Wm. A., contractor, New London, Conn.
Harvey, Wm. H., architect, Fiskdale, Mass.
Harvey's, A., Sons Mfg. Co., plumbers', steam fitters' & engineers', mill & facty. supplies, 28 1st, Detroit, Mich.
Harveysburg Fertilizer Co., Harveysburg, Ohio.
Harvie, Harry R., architect, 408 9th, Brooklyn, N. Y.
Harward, C. F., canned goods, Halls, Tenn.
Harward Mfg. Co., piston rings, 3939 Magnolia av, St. Louis, Mo.
Harwi, A. J., Hardware Co., Atchison, Kans.
Harwood-Barley Mfg. Co., machsts. & fndrs., Marion, Ind.
Harwood Counter Co., Lynn, Mass.
Harwood, F. W., & Son, gold leaf, 30 Guilford av, Baltimore, Md.
Harwood, Geo. S., & Son, tex. machy., supplies, etc., Exchange bldg., Boston, Mass.
Harwood, H., & Sons, base ball, Natick, Mass.
Harwood, L. A., machsts. & fndrs., Goshen, Ind.
Harwood, Lamm & Weindorf, architects, 350 B'way, New York.
Harwood & Moss, contractors, Newport News, Va.
Harwood & Quincy Mach. Co., Worcester, Mass.
Harwood, S. F., lbr., Rockbridge, Mo.
Harwood & Son, contrs. tents, 175 W. B'way, New York.
Harwood, W. S., Lumber & Coal Co., Bloomington, Ill.
Harwood's, H. J., & Sons, furnitture, 10H Friend, Boston, Mass.
Haryd Coal Co., anthracite, Land Title Bldg., Phila., Pa.
Hasam Box Facty., packing, 621 N. Rochblave av, New Orleans, La.
Hasard, Wm., masons' & bldrs.' matls. & baling hay, Trumansburg, N. Y.
Hasbrouck-Bergen Co., elec. & gas light fixtures, 223 E. 38th, New York.
Hasbrouck, Chas. A., & Son, sash, door & blind mfrs., 863 3d av, New York.
Hasbrouck, Conrad E., whol. hdwe., Kingston, N. Y.
Hasbrouck Flooring Co., 501 E. 70th, New York.
Hasbrouck, Garrett, contractor, Dobbs Ferry, N. Y.
Hasbrouck, J. J., & Co., buhr-stones buggies, New Paltz, N. Y.
Hascall Paint Co., W. 70th, Cleveland, Ohio.
Hase & Weiher, bldg. contrs., 2916 McKinley blvd, Milwaukee, Wis.
Hasecoster, J. A., architect, 2nd Nat. Bk. Bldg., Richmond, Ind.
Haselbarth, C. R., & Son, machsts., Elk Lick, Pa.
Haselmire, John J., masons' mtls., Union City, Ind.
Haseltine, J. E., & Co., whol. hdwe., 43 2d, Portland, Ore.
Haserot, Francis H., Co., canned foods, 527 Woodland av, S. E., Cleveland, Ohio.
Hasey Heating Co., Wilmac Bldg., Minneapolis, Minn.
Haskard, John S., scrap iron, Plainfield, N. J.
Haskel, J. H., elec. contr., Oakland, Cal.
Haskelite Mfg. Corpn., veneer mfrs., automobile bodies & tops, waterproof plywood, 120 B'way, New York.
See adv. index at end of book.
Haskell & Barker Car. Co., Michigan City, Ind.
Haskell & Barnes, architects, 301 N. Charles, Baltimore, Md.
Haskell Bros., trunk mfrs., 165 N. Green, Chicago, Ill.
Haskell-Carpenter Co., lbr., Cherry Grove, Ore.
Haskell, C. S., pianos, 1520 Kater, Philadelphia, Pa.
Haskell Dawes Mach Co., cordage machy., 176 Federal, Boston, Mass.
Haskell, Fitch H., architect, 244 Madison av, New York.
Haskell, J. B., machst. & fndr., East Waterford, Me.
Haskell Quarry Co., Haskell, N. J.
Haskell, Wm. C., architect, 1328 B'way, New York.
Haskell, Wm. H., Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.
Haskew Lumber Co., So. Pittsburgh, Tenn.
Haskew, S. T., & Co., broom handles, Dept. H, Jackson, Tenn.
Haskin, Chas. A., contractor, Boston, Mass.
Haskins Art Glass Co., Rochester, N. Y.
Haskins Bros. & Co., soap, Sioux City, Ia.
Haskins, R. G., flexible shafts, portable grinders, 27 S. Des Plaines, Chicago, Ill.
Haskins, Wm., & Son, lumber, 110 State, Boston, Mass.
Haslam Lime & Chemical Co., Scranton, Pa.
Haslett Spiral Chute Co., special chutes & beet & roller conveyor systems, 510-512 N. 61st, Phila., Pa.
See adv index at end of book.
Hasley, Geo., & Sons, soap, 1540 East, Pittsburgh, Pa.
Hass Bros., quicksilver, 61 Broadway, New York.
Hass, Hy., & Son, hdwe. mfrs., 1909 Pk. av, New York
Hass, Jonah, contractor, Johnstown, N. Y.
Hass, W. J., Mfg. Co., sheet metal wk., St. Paul, Minn (tr.)
Hassall, John (Inc.), wire, nails, machine screws, rivets & escutcheon pins mfrs., Clay & Oakland, Brooklyn, N. Y.
See adv. index at end of book.
Hasselbarth, C. O., spring beds & mattresses, Albany, N. Y.
Hasselbarth-Whiton Co., bedsteads & woven-wire mattresses, Utica, N. Y.
Hasselfeldt, Chas., & Co., contrs., La Porte, Ind.
Hassell, C., contractor, Burlington, Ia.
Hassell Iron Wks. Co., Colorado Springs, Colo.
Hasselman, Francis G., architect, 53 W. 39th, New York
Hasselman, Fredk. R., architect, 10 R. R. pl, East Orange, N. J.
Hassenbruch, Herman, Co., wholesale hdwe., 8 N. 5th, Phila., Pa.
Hasserles, Carl, grass catchers, B'way & E. 55th, Cleveland, O.
Hassinger Lbr. Co., Konnarock, Va.
Hassler, Fred'k, archl. iron, 2 Sullivan, Brooklyn, N. Y.
Hassler, S. R., flour, Rocky Face, Ga.
Hasson, Holt & Nance, whol, hdwe., Morristown, Tenn.
Hastings, A. W., & Co., sash, door & blind, 134 Friend, Boston, Mass.
Hastings Cabinet Co., Hastings, Mich.
Hastings Casket Mfg. Co., Hastings, Minn.
Hastings & Co., gold leaf, 819 Filbert, Philadelphia, Pa.
Hastings & Co., saw mfrs., 49 Commercial, Newark, N. J.
Hastings Cut Stone Co., Main c. 7th av, S. E., Minneapolis, Minn.
Hastings Equity Grain Bin Mfg. Co., chutes, portable houses, Hastings, Neb.
Hastings, F. L., architect, Hastings-on-Hudson, N. Y.
Hastings Foundry & Iron Works, Hastings, Neb.
Hastings Industrial Co., refrigeration engrs., 326 W. Madison, Chicago, Ill.
Hastings, J. M., Lumber Co., 541 Wood, Pittsburgh, Pa.
Hastings, J. W., & Son, flour mills, Big Sandy, Tenn.
Hastings, M. E., cornices, New York Mills, N. Y.
Hastings Mfg. Corp., cream separators, Dept. H, Goshen, Ind.
Hastings & Morrison, stone producers, 1510 Washington av, Philadelphia, Pa.
Hastings Packing Co., Laurel, Del.
Hastings Pavement Co., 25 Broad, New York.
Hastings Sporting Goods Wks., Hastings, Mich.
Hastings, T. Mitchell, Shadycroft, Haverford, Pa.
Hastings, Thomas, architect, 52 Vanderbilt av, New York.
Hastings, W. S., & Sons, fertilizer mfrs., Atglen, Pa.
Hastings Wool Boot Co., Hastings, Mich.
Hastings & Yeakel, contrs., Fillmore, Cal.
Hasty, J. F., & Sons, box shooks, 21st & Standish, Detroit, Mich.
Haswell Steel Range & Furnace Co., Circleville, Ohio.
Hatch, A. S., Lbr. Co., Half Moon Bay, Cal.
Hatch & Bailey Co., masons' & bldrs.' matl., S. Norwalk, Conn.
Hatch & Barnes Co., sash, door & blind mfrs., Worcester, Mass.
Hatch, E. W., metallic packing, 14 L., Boston, Mass.
Hatch, F. W., & Son, corn brooms, Union City, Pa.
Hatch, Edw. G., architect, 859 Lakeview, Cleveland, Ohio
Hatch, Edwin G., wire connectors, 120 Broadway, New York.
Hatch, F. E., Co., machsts., 93 Crosby, New York.
Hatch Hdwe. Co., cornices, Union City, Pa.
Hatch, Hugh, brick, Camden, N. J.
Hatch, J. E., masons' & bldrs.' matls., Garrettsville, O.
Hatch, Southmayd, naval architect, Ft. Fordham, New York.
Hatch, Wm. W., architect, 251 Broadway, Troy, N. Y.
Hatch's, W. W., & Son's Co., contractors, Goshen, Ind.
Hatfield Coal Co., masons' & bldrs.' matls., Middletown, Ohio.

Hatfield Rail Joint Mfg. Co., Macon, Ga.
Hatfield & Scott, steam fitters' supplies, Troy, Ohio.
Hathaway, O. H., Co., roll coverers, Central Falls, R. I.
Hatheway Mfg. Co., metal stampings, Bridgeport, Conn.
Hatheway & Reynolds, sweaters, cardigans, etc., Oriskany Falls, N. Y.
Hathorne, A. C., Co., cornices, Burlington, Vt.
Hattaway & Co., turpentine, Bluffton, Ga.
Hatten, I. E., Lumber Co., csks, door & blinds, Springfield, Mo.
Hatten Lumber Co., New London, Wis.
Hatten, Owen, brick, Fisher's la & 9th, Philadelphia, Pa.
Hatter, T. A., & Son, lumber mfr., Creola, Ala.
Hatteroth, Wm., surgical instruments, 228 Powell, San Francisco, Cal.
Hattersley, A., & Sons, fndrs., Ft. Wayne, Ind.
Hattersley Constr. Co., Spitzer Bldg., Toledo, O.
Hatton & Co., architects, 1200 U, N. W., Washington, D. C.
Hatton, Ed. T., contractor, Kokomo, Ind.
Hatton, Horace T., architect, Cutler Bldg., Rochester, N. Y.
Hatton, John M., architect, 347 Madison av, New York
Hatzell & Buehler, contractors, 373 4th av, New York.
Hauber, Carl, architect, 10 S. La Salle, Chicago, Ill.
Haubtman & Loeb Co., Ltd., mill & facty. supplies, 618 Magazine, New Orleans, La.
Hauck, A. B., stone producers, Lebanon, Pa.
Hauck Bros., wholesale hardware, Mechanicsburg, Pa.
Hauck, Chas. F., & Co., cornices, Springfield, Ohio.
Hauck Mfg. Co., furnaces, torches & heaters, etc., 136 10th, Brooklyn, N. Y. *See adv index at end of book.*
Hauck, Michael, cornices, 1351 Walnut, Cincinnati, Ohio.
Haucke, Geo., Co., wholesale hardware, Springfield, Ohio.
Hauenstein, Alfred G., Lbr. Co., 3050 Main, Buffalo, N. Y.
Hauenstein & Co., linseed oil & cake mills, 39 Vincennes, Buffalo, N. Y.
Hauer, Harvey T., architect, 311 Columbus av, Phila., Pa.
Hauer, J. B., panel board cabinets, 23 Richardson, Brooklyn, N. Y.
Haugaard, Henry E., architect, Hillside Bk. Bldg., Richmond Hill, N. Y.
Haugaard, William E., architect, 185 Madison av, New York
Haugh, J. G., & Co., baling presses, Bassom, Ohio.
Haugh, T. M., tubular boilers, Mannington, W. Va.
Haughton Elev. & Mach. Co., 679 Spencer, Toledo, Ohio.
Haumerson, F. H., & Sons, brick, Racine, Wis.
Haupt Constr. Co., 307 W. 8th, Los Angeles, Cal.
Hauptman, A., cup strainers, 23 Leonard, New York.
Hauptmann, Wm., arch'l iron, 410 E. 104th, New York.
Haury Hardware Co., 470 Broadway, Cleveland, O.
Hausaner, Jacob S., architect, 92 Wallace av, Buffalo, N. Y.
Hausburg, E. O., watchman's clocks, 45 Maiden la, New York.
Hauschildt & Ekins, leather belting, 222 Center, New York.
Hause, Chas. F., Mfg. Co., plbrs. supplies, Omaha, Neb.
Hausen Const. Co., Caswell blk., Milwaukee, Wis.
Hausen & Yorke Co., h'dwe, whol., 88 Warren, New York.
Hauser Bros. Fdry. Co., 1859 E. 28th, Minneapolis, Minn.
Hauser, Edgar F., architect, 9 Clinton, Newark, N. J.
Hauser Lumber Co., Franklin, Minn.
Hauser-Owen-Ames Co., contractors, Grand Rapids, Mich.
Hauser Packing Co., 2300 E. 9th, Los Angeles, Cal.
Hauser Shade Cloth Co., Chicago Heights, Ill.
Hauser-Stander Tank Co., wood tanks, Cincinnati, Ohio.
Hauser & Weil, advtg. nov., 142 5th av, New York.
Hauserman, E. F., Co., steel lockers, shelving, partitions & tote boxes, & steel facty equipt., Fenestra Bldg., Cleveland, O.
Hausfeld Co., burners, furnaces & fdry. equipt., Harrison, Ohio.
Hausle, Frank, architect, 81 E. 125th, New York.
Hausle, Max, architect, 3307 3rd av, New York
Hausleiter, Julius, & Co., glass stainers, 298 Fulton, Brooklyn, N. Y.
Hausling, F. M., waterproofing materials, 9 Orchard, Newark, N. J.
Hausman & Wimmer Co., scrap iron & steel & rubber, 111 2d av, Pittsburgh, Pa.
Hausmann, Geo., & Sons, meat packers, 51st & Westminster av, Philadelphia, Pa.
Hausmann Mfg. Co., binder attachments, Long Prairie, Minn.
Hausmann, Otto, & Co., organs, 1208 Kinnickinnic, Milwaukee, Wis.
Haussmann & Dunn Co., surgical & dental instruments, 708 S. Clark, Chicago, Ill.
Hausse, Aug., & Co., furniture, 869H Weed, Chicago, Ill.
Haut, Gustave, brick, Perham, Minn.
Hauthaway, C. L., & Sons, polishes, 346 Congress, Boston, Mass.
Havana Mfg. Co., mchsts. & fdrs., Havana, Ill.
Havana Metal Wheel Co., Havana, Ill.
Havard, O. D., Co., coal meters, Scranton, Pa.
Havell Mfg. Co., hdwe, mfrs., 284 Washington, Newark, N. J.
Haven & Hoyt, architects, 220 Devonshire, Boston, Mass.
Haven Malleable Castings Co., Cincinnati, Ohio.
Haven Mfg. Co., floor scrapers, Racine, Wis.
Haven, R. H., & Son, copper wire, Bridge & Front, Grand Rapids, Mich.
Havens Bros. Mfg. & Supply Co., machsts., Denver, Colo.
Havens, Fred A., & Co., contractors, 845 N. 19th, Phila., Pa.
Havens, Harold A., cable grips, Syracuse, N. Y.
Havens Oil Co., Washington, N. C.
Haverford Coll., engng. school & coll., Haverford, Pa.
Haverhill Box Board Co., Haverhill, Mass.
Haverhill Construction Co., Haverhill, Mass.
Haverhill Fire Appliance Co., Haverhill, Mass.
Haverhill Tack Co., Haverhill, Mass.
Haverhill Wood Heel Co., Haverhill, Mass.
Haverly Bros., lumber mfrs., Gallupville, N. Y.
Haverstick, Albert, & Son, paper bags, 11 S. Lititia, Phila., Pa.
Haverstick & Co., mill, factory & steam fitters' supplies, 66H Exchange, Rochester, N. Y.
Haverstick Construction Co., Noblesville, Ind.
Haviland Clay Works, Haviland, O.
Haviland, L. P., canned goods, Camden, N. Y.
Haviland Shade Roller Co., 407 Broome, New York.
Haw Hardware Co., Ottumwa, Ia.
Hawaiian Fertilizer Co., 256 California, San Francisco, Cal.
Hawbolt, Chas. H., sheet metal doors, Portland, Me.
Hawes & Dodd, mosaic floor, mantels, 59 E. Adams, Chicago, Ill.
Hawes, E. A., Jr., lumber, Atkinson, N. C.
Hawes, Edwin Co., heating contr., 726 Main, Worcester, Mass.
Hawes, Henry F., architect, Urban Bldg., Louisville, Ky.
Hawes, J., Mfg. Co., toys, games & nov., Towanda, Pa.
Hawes, R. H., Const. Co., Witherspoon Bldg., Philadelphia, Pa.
Hawes, S. H., & Co., masons' & builders' materials, 1801 E. Cary, Richmond, Va.
Hawes, Willard, & Co., lumber, Lewis & 7th, New York.
Hawesville Hub Mfg. Co., Hawesville, Ky.
Hawgood Tire Equipment Co., rubber vulcanizers, Indianapolis, Ind.
Hawk, A. J., Sons, cooperage stock, Rockford, O.
Hawk, A. T., architect, 714 La Salle RR. Station, Chicago, Ill.
Hawk-Eye Compound Co., bailer compounds, 357 W 63d, Chicago, & 140th & Seeley av, Blue Island, Ill.
Hawk, J. W., architect, Security Bldg., Oklahoma City, Okla.
Hawk, O. E., & Co., architects, 522 Williamson av, Youngstown, Ohio.
Hawk, Otis E., & Co., contractors, Youngstown, Ohio.
Hawker, W. S., Mfg. Co., wood working machy., portable, 458 E. Bacon, Dayton, Ohio.
Hawkes Boiler Co., 140 S. Dearborn, Chicago, Ill.
Hawkes, E. M., granite, Rochester, N. H.
Hawkes-Jackson Co., thumb tacks, 38 Murray, New York.
Hawkes, L. W., & Co., mattresses, Lowell, Mass.
Hawkes, Levi, & Co., furniture, Dept. H, Lowell, Mass.
Hawkes, T. G., & Co., glass tumblers, Corning, N. Y.
Hawkeye Adtg. Co., spec., Clarinda, Ia.
Hawkeye Compound Co., boiler compounds, Blue Island, Ill.
Hawkeye Ltg. Rod Co., Cedar Rapids, Iowa.
Hawkeye Fdry Co., machsts & fdrs., Waterloo, Ia.
Hawkeye Lumber & Coal Co., masons' & bldrs.' matls., Cedar Rapids, Ia.
Hawkeye Lumber Co., Oskaloosa, Ia.
Hawkeye Mfg. Co., machy., Waterloo, Ia.
Hawkeye Mfg. & Repair Co., automobiles, Sioux City, Ia.
Hawkeye Oil Co., Waterloo, Ia.
Hawkeye Pearl Button Co., Muscatine, Ia.
Hawkeye Portland Cement Co., Des Moines, Ia.
Hawkeye Pump Co., poultry coops, Farfield, Ia.
Hawkeye Supply Co., plumbers' supplies, jobbers, Mason City, Ia.
Hawkeye Wrench Co., Marshalltown, Ia.
Hawkins, Alfred W., & Son, glass stainers, 1823 S. 19th, Philadelphia, Pa.
Hawkins Co., tacks, animal traps, South Britain, Conn.
Hawkins, H. J., machsts. & fndrs., Downers Grove, Ill.
Hawkins Hardware Co., Hattiesburg, Miss.
Hawkins, J. H. W., architect, 28 Stockton, Jacksonville, Fla.
Hawkins, O. J., & Son, contractors, Newark, Ohio.
Hawkins, Rollyn, hot air furnaces, Indianapolis, Ind.
Hawkins, Wilson Co., machsts., 712 Sansom, Philadelphia, Pa.
Hawkinson, Carl N., architect, 332 S. Michigan av, Chicago, Ill.
Hawkridge Bros., Co., steel merchants, 303 Congress, Boston, Mass. *See adv. index at end of book.*
Hawks Hardware Co., Goshen, Ind.
Hawks-Maupin Co., hdwe. & bldrs.' matls., Portsmouth, Va.
Hawley & Cheadle Construction Co., Clinton, Ia.
Hawley Down Draft Furnace Co., Easton, Pa.
Hawley, E. J. & C. H., machsts. & fndrs. & stone working machy., Manchester, Vt.
Hawley Glass Co., bottles, glass, Hawley, Pa.
Hawley Hardware Co., Bridgeport, Conn.
Hawley, Hughson, arch'l water colorists, 1 Union sq, New York.
Hawley, John, lbr., Ontonagon, Mich.
Hawley, John F., contractor, Hostetter Bldg., Pittsburgh, Pa.
Hawley Mfg. Co., cork pullers, Stepney, Conn.
Hawley Produce & Storage Co., masons' & bldrs.' matls., Perry, N. Y.
Hawley Pulp & Paper Co., Oregon City, Ore.
Hawley School of Engng., Boston, Mass.
Hawley, W. O., contractor, Savannah, Ga.
Haws, A. & J., & Sons (Ltd.), brick, saddle sleeves, etc., Johnstown, Pa.
Haws, Dan'l B., glue mfrs., 30 N. 5th, Philadelphia, Pa.
Haws, Geo. A., lubrg. oils, 135 Front, New York.
Haws, Harvey, architect, Ardmore, Pa.
Haws, Samuel R., & Sons, contractors, Ardmore, Pa.
Haws, Wm., pckg. box mfrs., 154 9th, Brooklyn, N. Y.
Hawthorn Pottery Co., Hawthorn, Pa.
Hawthorn, W. S., masons' & bldrs.' matls., Dayton, O.
Hawthorne Hardware Co., Elgin, Ill.
Hawthorne, Lewis Co., sash, door & blind mfrs., New Haven, Conn.
Hawthorne Paper Co., Kalamazoo, Mich.
Hawxhurst, O. B., & Sons, elec. light fix. mfrs., 162 Pine, Providence, R. I.
Hay-Budden Mfg. Co., anvils, forgings, rings, etc., 254 N. Henry, Brooklyn, N. Y.
Hay Fndry. & Iron Wks., Plum Point la, Newark, N. J.
Hay Hdwe. Co., Oskosh, Wis.
Hay, Houston Axle Co., Coshocton, Ohio.
Hay, Jas. P., Lbr. Co., Murray, Ky.
Hay, John, granite prod., Hardwick, Vt.
Hay Lbr. Co., Spring Grove av & June, Cincinnati, Ohio.
Hay, Mark, architect, Annawan, Ill.
Hay & Peabody Casket Co., Portland, Me.
Hay, Thos., & Sons Co., contractors, Racine, Wis.
Hay Tool Mfg. Co., alfalfa stackers, Council Bluffs, Iowa.
Hay Trade Journal Publishing Co., Canajoharie, N. Y.
Hay, Wm. A., contractor, Orange, N. J.
Hayde, S. J., Const. Co., contrs., Cliff dr & Woodland av, Kansas City, Mo.
Hayden, A. W., contractor, Albuquerque, N. M.
Hayden Automatic Block Mach. Co., Columbus, Ohio.
Hayden Bros., lbr., Hollis, N. H.
Hayden Co., interior hardwood work, 450 Park av, New York.
Hayden & Derby Mfg. Co., heaters, injectors, etc., 119 W. 40th, New York.
Hayden, E. W., Co., polishing mops & furniture polish, Toledo, O.
Hayden, G. W., brass castings, Cambridge, Mass.
Hayden Hardware Co., Windsor, Mo.
Hayden, J. M., Co., mill & facty. supplies, Grand Rapids, Mich.
Hayden, L. S., machsts. & fndrs., Essex, Conn.
Hayden Mach. Co., Alton, Ill.
Hayden, Samuel H., shoe patterns, Haverhill, Mass.
Hayden Supply Co., mill & factory supplies, Grand Rapids, Mich.
Hayden, W. B., & Sons Co., masons' & bldrs.' matls., Cassopolis, Mich.
Hayden & Westcott Lbr. Co., 80 E. Jackson blvd., Chicago, Ill.
Hayden, Wm., Milling Co., wheat flour, Tecumseh, Mich.
Haydenville Button Co., Haydenville, Mass.
Haydenville Co., cocks, faucets, pumps, valves, etc., machsts. & fndrs., Haydenville, Mass.

Haydon, A. & M., bolts, 304 N. 22d, Philadelphia, Pa.
Hayek, Andrew A., architect, Edgewater, N. J.
Hayes, A. L., Co., lumber, Nashville, Tenn.
Hayes, A. W., masons' & bldrs.' matls., Joliet, Ill.
Hayes Bros., Inc., steam htg. contrs., Indianapolis, Ind.
Hayes, C. H., Corporation, lbr., Haverhill, Mass.
Hayes, C. I., elec. ovens, 9 King av, Providence, R. I.
Hayes, Chas. A., architect, Terminal Sta., Mobile, Ala.
Hayes Constr. Co., Dunkirk, Ind.
Hayes-Defenderfer Co., truck units, 1876 B'way, New York.
Hayes Duster Co., 5 W. 4th, New York.
Hayes, E. B., Machy. Co., mill & facty. supplies, Marshall, Tex.
Hayes, E. B., Machy. Corp., Oshkosh, Wis.
Hayes, E. L. S., bldg. contr., 1019 Chestnut, St. Louis, Mo.
Hayes Equipment Co., machinery, mill & factory supplies, Engineers Bldg., Cleveland, O.
Hayes File Co., 1986H Franklin, Detroit, Mich.
Hayes, Geo., Co., cornices, metal lath, 311 E. 23d, New York.
Hayes-Ionia Co., auto. metal bodies, Ionia, Mich.
Hayes, J. L., & Co., masons' & bldrs.' matls., Lewiston, Me.
Hayes, John, heating contr., 806 N. 14th, St. Louis, Mo.
Hayes, Jos. A., escutcheons, 284 Devonshire, Boston, Mass
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Hayes-Lucas Lbr. Co., Winona, Minn.
Hayes & McFerrin, flour mills, Readyville, Tenn.
Hayes Mfg. Co., fenders, forgings, mufflers, auto, 480 Maybury, Detroit, Mich.
Hayes Mfg. Co., range boilers, Paterson, N. J.
Hayes & Miller Co., auto. wood bodies, 518 W. 57th, New York.
Hayes, Norman B., contractor, Watertown, N. Y.
Hayes, Oser C., contr., Call Bldg., San Francisco, Cal.
Hayes, Paul J., architect, Austin, Minn.
Hayes Pump & Planter Co., Galva, Ill.
Hayes, R. L. & M. H., carriages, 203 E. Town, Columbus, & Cleveland, Ohio.
Hayes Run Fire Brick Co., Orviston, Pa.
Hayes Textile Co., underwear, Oswego, N. Y.
Hayes Track Appliance Co., machsts., Richmond, Ind.
Hayes Wheel Co., Jackson, Mich.
Hayman, Jos. C., masons' & bldrs.' matls., Racine, Ohio.
Hayman, Mich'l, & Co., tin, spelter, ingots, etc., Buffalo, N. Y.
Hayman & Stegkamper, contractors, 3250 Euclid av, Cleveland, Ohio.
Haymond & Howard, contractors, Waldron, Ind.
Hayner, Geo. M., paper twine, 541 W. 56th, New York.
Hayner, J. M., & Co., canned goods, South Lebanon, Ohio.
Hayner, Norman C., Co., boiler compounds, Rochester, N. Y.
Haynes, A. F., architect, Watertown, Mass.
Haynes Auto. Co., Kokomo, Ind.
Haynes Bros. Co., sashes, doors & blinds, Cadillac, Mich.
Haynes, C. A., architect, Aberdeen, Wash.
Haynes & Chalmers Co., whol. hdwe., Bangor, Me.
Haynes, Chas., architect, Mehlhorn Bldg., Seattle, Wash.
Haynes & Co., numbering machs., steel stamps, etc., 75 Westminster, Providence, R. I.
Haynes Construction Co., 42 Court, Boston, Mass.
Haynes, Geo. E., architect, Miller Bldg., Pittsfield, Mass.
Haynes Hardware Co., Emporia, Kans.
Haynes-Langenberg Mfg. Co., htg. contrs., 4045-57 Forest Park blvd, St. Louis, Mo.
Haynes Lumber Co., Port Huron, Mich.
Haynes Mach. Co., Vanburen, Ind.
Haynes Mattress Factory, Sealy, Tex.
Haynes Stellite Co., stellite, Kokomo, Ind.
Haynes-Thompson Co., plumbers' supplies, jobbers, 2107 Vine, Philadelphia, Pa.
Haynes-Walker Co., lbr., Paden, Miss.
Hays, Alden F., masons' & bldrs.' matls., Sewickley, Pa.
Hays, E. F., & Sons, whol. hdwe., Chicora, Pa.
Hays, G. W., & Son, cornices, Washington, Pa.
Hays, Geo. W., ladders, 228 5th, Milwaukee, Wis.
Hays & Hoadley, architects, 2010 B'way, New York.
Hays, Jos. W., Corp., gas analysis apparatus, Mich. City, Ind.
Hays, L., harness, Wichita, Kans.
Hays Mfg. Co., brass & iron products for plumbing, gas, water & steam, Erie, Pa.
Hays, O. G., lumber, Kell, Ill.
Hay's, Sam'l W., Sons, machy. dlrs., Phipps Power Bldg., Pittsburgh, Pa.
Hays, Wm. C., architect, First Nat. Bk. Bldg., San Fran., Cal.
Haysler Mfg. Co., machsts., Clinton, Mo.
Hayslip & Dear, lumber, Alexandria, La.
Hayssen Mfg. Co., bakers' machy., Sheboygan, Wis.
Hayt, S. T. (Est. of), flour mills, Corning, N. Y.
Hayward Co. (The), digging, ditching, dredging & excavating machinery, etc., 50 Church, New York.
See adv index at end of book.
Hayward, S. F., & Co., fire extinguishers, mine rescue app., etc., 250 W. 54th, New York.
Hayward, S. F., & Co., mill & facty. supplies, 104 W. 8th, Philadelphia, Pa.
Hayward Wrench Co., St. Louis, Mo.
Haywood Bros. & Wakefield Co., willow ware mfrs., Wakefield, Mass.
Haywood Implement Co., Indianapolis, Ind.
Haywood Tire & Equipment Co., machsts., Indianapolis, Ind.
Haywood, Wm. T., architect, Mt. Gilead, N. C.
Hazard Advertising Corp., advertising counselors, 7 E. 42nd, New York
Hazard Gould & Co., machy. dlrs., San Diego, Cal.
Hazard Lead Wks., paint mfrs., Hazardville, Conn.
Hazard Mfg. Co., insulated wires & cables, Wilkes-Barre, Pa.
Hazard Motor Co., mchsts., Hazard, Ky.
Hazel Atlas Glass Co., Wheeling, W. Va.
Hazel Brick & Tile Co., Hazel, Ky.
Hazel Dell Slate Co., roofing slate mfrs., Slatington, Pa.
Hazel Hill Canning Co., Fredericksburg, Va.
Hazel Mill Co., lbr. mfrs., Blanchard, Wash.
Hazell, A. M., dock bldrs., 26 Cortlandt, New York.
Hazelwood & Clauson, contrs., Cumberland, Md.
Hazen-Brown Co., metal polish, 727 Atlantic av, Boston, Mass.
Hazen-Brown Co., rubber goods, Brockton, Mass.
Hazen, H. C., Contr. Co., 2070 Reading rd., Cincinnati, Ohio.
Hazen Mfg. Co., machsts. & fndrs., Hudson, Mich.
Hazen, Wyane S., agricultural implements, Ripon, Wis.
Hazledine, E. T., Co., machsts., Terre Haute, Ind.
Hazlehurst Mach. Shop, Hazlehurst, Miss.
Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.
Hazleton-Fitch Co., mill & facty. supplies, Pontiac, Mich.
Hazleton Hardware Co., Hazleton, Pa.
Hazleton Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.
Hazleton Machy. & Supply Co., contractors' tools & supplies, Hazleton, Pa.
Hazleton Mfg. Co., coffins, Hazleton, Pa.
Hazleton Steam Htg. Co., Hazleton, Pa.
Hazlett, Hugh, & Son, contractors, 1701 N. 20th, Phila., Pa.
H. & B. Amer. Mach. Co., cotton machy., Pawtucket, R. I.
H. C. Tack Co., Cleveland, Ohio.
Heaby, Wm., architect, 288 Hawthorne av, Yonkers, N. Y.
Heacock & Hokanson, architects, Bailey Bldg., Philadelphia, Pa.
Head Lumber Co., Prescott, Ariz.
Headfort Bros. & Hitchins Fdry. Co., Waterloo, Ia.
Headland Fertilizer Works, Headland, Ala.
Headley & Adams, sash, door & blind mfrs., Ocean City, N. J.
Headley Good Roads Co., 301 S. 30th, Philadelphia, Pa.
Headley, Samuel H., contractor, Atlantic City, N. J.
Headlund, architect, Dooly Bldg., Salt Lake City, Utah.
Headman, Aug. G., architect, New Call Bldg., San Fran., Cal.
Headrick, F. E., common brick, Bellingham, Wash.
Heafey, John, contr., Oakland, Cal.
Heald, Jno. H., & Co., tanning & bark extracts, Lynchburg, Va.
Heald Machine Co., surface internal cylinder & ring grinders, magnetic chucks, Worcester, Mass.
Heale, J. A. & Co., typewriter ribbons, oils, rubber stamp inks, etc., 96 John, New York.
Heakin, Harold L., architect, 4801 B'way, Kansas City, Mo.
Healey & Co., stor. battery trucks & carriages, 1652-58 Broadway, New York.
Healey, P. J., foundation, boring & sewer cleaning contractors, 41 Cortlandt, New York.
Healey, Peter, fndrs., Evansville, Ind.
Health Hog Oiler Co., Kenton, Ohio.
Health Merry-Go-Round Co., carousels, organs, etc., Quincy, Ill.
Healy, Geo., machst., 11 Ailing, Newark, N. J.
Healy, Henry J., architect, 320 5th av, New York.
Healy, John E., & Son, Wilmington, Del.
Healy, Michael, boilers, Toledo, Ohio.
Healy-Tibbitts Constr. Co., 9 Main, San Francisco, Cal.
Healy, Wm. F., contractor, 82 W. Washington, Chicago, Ill.
Healy's, S. A., Sons, wood handles, West Chesterfield, Mass.
Heames, W. E. & Co., masons' & bldrs.' matls., Detroit, Mich.
Heaney Mfg. Co., metal polish, 164 State, Boston, Mass.
Heaney, Nicholas L., stone producers, Point Pleasant, Pa.
Heaney, P. J. Co., masons' & bldrs'. malts, West Farms rd & 172d, New York.
Heap, Thos., masons' & bldrs.' matls., Urbana, Ohio.
Heap, Wm., & Sons, plumbing mat'l, Grand Haven, Mich.
Heaphy, A. C., bldg. contr., 301 W. 103rd, New York
Heaphy, Wm. A., masons' & bldrs'. matls., Lee, Mass.
Heaps, Clarence E., contractor, Moline, Ill.
Heard Bros., fertilizer, Macon, Ga.
Heard & Cardwell, architects, Peoples Nat'l Bk. Bldg., Lynchburg, Va.
Heard, Cardwell & Craighill, architects, Danville, Va.
Hearn, H. B., Co., Inc., disinfectants, soaps, etc., 101 S. Frederick, Baltimore, Md.
Hearn, J. C., mach. wks., 38 W. Swan, Columbus, Ohio.
Hearn, John J., Constr. Co., 65 W. 46th, New York.
Hearne Bros. & Co., coffins, Whitakers, N. C.
Hearne, Robt. J., see Durbrow & Hearne (successors).
Hearne Timber Co., Times Bldg., St. Louis, Mo.
Hearsch-Wesson Mfg. Co., lbr., Flint, Mich.
Hearsey, H. T., Co., auto accessories (jobbers), 408 N. Capitol, Indianapolis, Ind.
Heartick, E. G., cornices, 915 E. B'way, Louisville, Ky.
Heartley Machine, Variety, Iron & Tool Wks., 900 Summit, Toledo, Ohio.
Heat & Power Corp., heating contractors, 30 Light, Baltimore, Md.
Heath Chemical Co., fertilizer mfrs., Yonkers, N. Y.
Heath, Gove & Bell, architects, Nat'l Realty Bldg., Tacoma, Wash.
Heath, Edmund F., & Son, rubber & enamel carriage cloth, 225 Warren, Newark, N. J.
Heath, F. L., feed & flour mills, Corry, Pa.
Heath, Frederick, architect, Natl. Realty Bldg., Tacoma, Wash.
Heath, Geo. W., & Co., fountain pen mfrs., 208 1st, Newark.
Heath Grate Bar Co., 12 Pearl, Boston, Mass.
Heath, Grove & Gill, architects, Nat'l Realty Bldg., Tacoma, Wash.
Heath, J. S., Co., Franklin & Ontario, Chicago, Ill.
Heath-Johnson Co., ornamental iron workers, 300 W. Ontario, Chicago, Ill.
Heath & Milligan Mfg. Co., mfrs. paints & waterproofing matls., 1833 Seward, Chicago, Ill.
Heath, Robt., machst, Binghamton, N. Y.
Heath Samuel Co., masons' & bldrs.' matls., Trenton, N. J.
Heath Stove & Heating Co., 503 W. Franklin, Baltimore, Md.
Heath Unit Tile Co., fireproof hollow tile, National Realty Bldg., Tacoma, Wash.
Heath, W. A., Mach. Co., Lestershire, N. Y.
Heath, Wm. G., & Co., heating contrs., 60 Friendship, Providence, R. I.
Heathcock-Rush Mach. Co., Jackson, Tenn.
Heathcote, John, & Son, 212 Eddy, Providence, R. I.
Heathcote, S. E., & Co., flannels, blankets, woolens, Glen Rock, Pa.
Heather, R., Co., elec. & gas light fixtures, 19 W. 36th, New York.
Heatherman, Patrick, stone producer, Urbana, O.
Heating Supp. Co., gas heating boilers, 421 Wood, Pittsburgh, Pa.
Heating Supply & Repair Co., cooking appliances, Elizabeth, N. J.
Hgt. & Ventg. Magazine, 1123 B'way, New York.
Heaton, Butler & Bayne (Ltd.), glass stainers, 437 5th av, New York.
Heaton & Ellison, contractors, 1818 4th av, S. Minneapolis, Minn.
Heaton, J. M., common brick, Manchester, Ill.
Heaton, Jno., architect, Xenia, Ohio.
Heaton Mfg. Co., shoe buttons, 77 Cromwell, Providence, R. I.
Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
Heaton, S. W., parquet floors, weather strips, etc., 1802 Chestnut, Phila., Pa.
Heaton & Senft, harness, saddles, etc., Waco, Ga.

Heaton & Vierling, trunk mfrs., 21 W. 3d, New York.
Heatwole, J. S., & Co., architects, Harrisonburg, Va.
Heavner, Frank R., contractor, Norristown, Pa.
Heavner, R. A., architect, Jackson, Tenn.
Heavy Hardware Co., Toledo, Ohio.
Hebard, Chas., & Sons, lumber, Pequaming, Mich.
Hebard-Cypress Co., lbr. mfrs., Scranton, Pa.
Hebb, Geo. A., machsts., 70 William, Newark, N. J.
Hebb, H. W., Supply Co., marine hdwe., mill supplies & tin plate, Jacksonville, Fla.
Hebb Motors Co., auto bldrs., Lincoln, Neb.
Hebbard & Wenz, archl. iron, 240 N. 10th, Brooklyn, N. Y.
Hebendahl, J. P., Co., clamps & insulators, Elizabeth, N. J.
Hebert Mfg. Co., piston rings, Franklin, N. H.
Hebing, Henry, & Sons, who. hdwe., 107 North, Rochester, N. Y.
Hebrew Tech. Inst., engng. schools & coll., 34 Stuyvesant, New York.
Hebron Mfg. Co., cotton sheetings, 21 S. Main, Providence, R. I.
Hechler, V., Packing & Commission Co., meat packers, Richmond, Va.
Hecht, Albert S., architect, 64 W. Randolph, Chicago, Ill.
Hecht, Jere M., brass fndr., 320 W. Grand av, Chicago, Ill.
Heck, A. B., canned goods, Buchanan, Va.
Heck, G. J., machst., St. Paul, Minn.
Heck Motor Car Co., Hamilton, Ohio.
Heck, Wm., harness, saddles, California, Mo.
Heckard, M., & Sons, common brick, Canton, Ill.
Heckart, W. O., contractor, Eugene, Ore.
Heckenhauer, C. F., carriages, Muncie, Ind.
Heckenlively, J. L., architect, Landers Bldg., St. Louis, Mo.
Hecker Cereal Co., 40 Corlears, New York.
Hecker-Jones-Jewell Milling Co., farina, 40 Corlears, New York.
Heckert, Sidney F., architect, Bessemer Bldg., Pittsburgh, Pa.
Heckert, S. F., Jr., architect, Bessemer bldg, Pittsburgh, Pa.
Hecla Coal & Coke Co., bituminous, Olive Bldg., Pittsburgh, Pa.
Heckla Iron Works, posts, Brooklyn, N. Y.
Heckler, Chas. J., contractor, 3001 N. Craskey, Phila., Pa.
Heckler, Leidy B., contractor, Ambler, Pa.
Heckman & Co., soap, Covington, Ky.
Heckman, H. R., & Co., architects, 1604 Mineral Springs rd, Reading, Pa.
Hecla Iron Works, iron & bronze, architectural & ornamental, 118 N. 11th, Brooklyn, N. Y.
Hedason Mfg. Co., screw mach. products, spring motors, etc., 1041 State, New Haven, Conn.
Hedden, Chas. R., Co., contrs., Prudential Bldg., Newark, N. J.
Hedden, E. J., contractor, 14 S. Broad, Philadelphia, Pa.
Hedden Iron Const., steel constr., W. Elizabeth, N. J.
Heddles Lumber Co., Madison, Wis.
Heddon, Jas., & Son, fishing rods, Dowagiac, Mich.
Heddenberg, James W., maps, 40 N. Dearborn, Chicago, Ill.
Hedgecock Brick Co., Walnut Cove, N. C.
Hedgecock, R. W., brick, Winston-Salem, N. C.
Hedges-Atkins Supply Co., plumbers' supplies, Denver, Colo.
Hedges & Bro., brass fndrs., 10 R. R. pl., Newark, N. J.
Hedges, C. E., mach. & fdr., Lincoln, Neb.
Hedges Construction Co., Springfield, Mo.
Hedges, Geo. L., contractors, 330 Norton, New Haven, Conn.
Hedges, Sam'l P., machsts, Greenport, N. Y.
Hedman, Axel S., architect, 112 E. 19th, New York.
Hedman Mfg. Co., check protectors, 227 W. Erie, Chicago, Ill.
Hedrick, W. C., Constr. Co., Dallas, Tex.
Heebner, Geo. K., contractor, 1231 Vine, Philadelphia, Pa.
Heebner & Sons, agricultural implements, Lansdale, Pa.
Heekin Can Co., 6th, New & Culvert, Cincinnati, Ohio.
Heer Bros., htg. contrs., Lexington Bldg., Baltimore, Md.
Heer Engine Co., Portsmouth, Ohio.
Heer, Frid. J., Jr., architect, B. & I. Bldg., Dubuque, Ia.
Heer, L. L., machsts & fndrs., North Yakima, Wash.
Heer, Peter, Paper Box Co., 56 W. Kinzie, Chicago, Ill.
Heeren Bros. & Co., mill & facty. supplies, Penn & 8th, Pittsburgh, Pa.
Heers, C. A., architect, New Ulm, Minn.
Hees, MacFarlane Co., window shade mfrs., 957 Hubbard, Detroit, Mich.
Heeson Bros. Co., agricultural implements, Tecumseh, Mich.
Heeter, C. M., Sons & Co., machinists, Butler, Pa.
Heffelfinger Co., masons' & bldrs.' matls., Hampton, Va.
Hefferman Engine Wks., Seattle, Wash.
Heffernan, Jas. P., Paper Co., 25 Water, New York.
Heffly Inst., engng. schools & coll., Brooklyn, N. Y.
Heffner, Dietrich & Co., masons' & bldrs'. matls., Kutztown, Pa.
Heffner Lbr. & Coal Co., Elwood, Ind.
Heffron & Fitzgerald, contrs., Rochester, Minn.
Heffron Trenching Co., sewer excavating machs., Cleveland, O.
Heflin, E. G., contractor, Fredericksburg, Va.
Hefman, John, Co., office wardrobes, Rochester, N. Y.
Hefner & Maysills, machsts. & brass fndrs., Grafton, W. Va.
Hefner, O. V., cornices & skylights, Bluefield, W. Va.
Hegan-Magruder Co., wood mantels, Louisville, Ky.
Hege & Co., masons' & bldrs.' matls., Columbus, Ind.
Hegeler Zinc Co., Danville, Ill.
Hegeman-Castle Corp., railway supplies, Fisher bldg, Chicago, Ill.
Hegemann & Peets, architects, 68 Wisconsin, Milwaukee, Wis.
Hegeman & Ward, mill & facty. supplies, 43 South, New York.
Hegener, Rudolph, Co., sash, door & blinds mfrs., 9246 Harbor av, Chicago, Ill.
Hegewald, Chas., Co., mchsts & fdrs., New Albany, Ind.
Heggie, Jas. G., & Sons, cylinders, ladles, tanks, etc., Joliet, Ill.
Heggie, Wm., steel plate wks., Joliet, Ill.
Heginbottom, S. H., & Sons, locomotive bell ringers, Saginaw, Mich.
Hegner Const. Co., contrs., Appleton, Wis.
Hehle, B., Malt Milg. System Co., 208 Lawrence, Cincinnati, O.
Hehnke, O. J., architect, Scottsbluff, Nebr.
Heibel, P., & Sons, packing box mfrs., 1452 S. 2nd, St. Louis, Mo.
Heidbreder Bros. & Co., plate glass, Quincy, Ill.
Heidecker Brick Co., Brecon, Ohio.
Heidelbach Lumber Co., sash, doors, blinds, Danville, Va.
Heidelmeier Art Glass Wks., 4613 N. Clark, Chicago, Ill.
Heidemann Lbr. Co., masons' & bldrs.' matls., Quincy, Ill.
Heidenkamp Plate Glass Co., Springdale, Pa.
Heider Mfg. Co., engines, Carroll, Ia.
Heidig, Jno. B., stone producers, Lancaster, Pa.
Heidinger, Frank, machsts, Fairfield, Ill.
Heidrich, Chas. A., architect, 11 Woodlawn av, Albany, N. Y.
Heidt, C., & Son, cooperage stock, 64 Fairmount, Jersey City, N. J.
Heidt, W., Cornice Works, 152 1st, San Francisco, Cal.
Heierman, John, & Son, mill & facty. supplies, Austin, Texas.
Heights Plumbing Supply Co., 495 W. 145th, New York.
Heikes, E. K., flannels, woolens, York Springs, Pa.
Heil Co., hydraulic hoists & truck bodies, steel tanks, 26th & Montana avs, Milwaukee, Wis.
Heil, Henry, Chemical Co., chemicals, St. Louis, Mo.
Heil, John C., cornices, 1204 N. Gay, Baltimore, Md.
Heil Packing Co., meat, 2216 La Salle, St. Louis, Mo.
Heil, Valentine, contractor, Lima, O.
Heiland, Geo. W., mercury testing columns, 107 W. 13th, New York.
Heilbron, Fred. A., cornices & skylights, San Diego, Cal.
Heilman, A. H., & Co., furniture, Dept. H, Williamsport, Pa.
Heilman Boiler Works, steel tanks & stacks, Allentown, Pa.
Heilman Machine Wks., Evansville, Ind.
Heim Cement Products Co., brick, North Liberty, Ind.
Heim, Jacob, architect, 211 N. 7th, St. Louis, Mo.
Heim, John & Son, brick, Dubuque, Iowa.
Heim, L. J., & Co., tin plate, Park Bldg., Pittsburgh, Pa.
Heim Mach. Co., Danbury, Conn.
Heim, R. F., architect, Bartlett Bldg., St. Joseph, Mo.
Heimann, Morris A., Mfg. Co., window fixtures, 1402 Washington av, St. Louis, Mo.
Heimann, S., architect, 57 Post, San Francisco, Cal.
Heimbach Lbr. Co., Duluth, Minn.
Heimbach Rubber Heel Co., Duluth, Minn.
Heimbeck, Walter C., architect, 1736 W. 102nd, Chicago, Ill.
Heimbrodt, C. E., architect, 1736 W. 102nd, Chicago, Ill.
Heimerdinger, W. C., safety razors & shears, Louisville, Ky.
Heimerl, Julius E., architect, 220 34th, Milwaukee, Wis.
Heimlich, John, stone prod., LeRoy, N. Y.
Hein Furniture Co., Toledo, Ohio
Hein, John, Co., lumber, Tony, Wis.
Heine (The) Chimney Co., 123 W. Madison, Chicago, Ill.
Heine & Co., oils, 7 Platt, New York.
Heine, Jno. F., & Son, cornices & skylights, Hooper, Neb.
Heine Safety Boiler Co., 5319 E. Marcus av, St. Louis, Mo.
Heineke & Co., agric. implement mfrs., Springfield, Ill.
Heineman, B., Lbr. Co., Wausau, Wis.
Heineman Lbr. Co., Merrill, Wis.
Heineman, O., Co., silk thread, 2701 Armitage av, Chicago, Ill.
Heinemann Chemical Co., wood alcohol, Olean, N. Y.
Heinemann, Geo., fuse blocks, clamps, switches, etc., 728 W. Girard av, Philadelphia, Pa.
Heinfeldt Mfg. Co., sashes, doors, blinds, New Bremen, Ohio.
Heinhart, Jno., & Son, stone producers, Massillon, Ohio.
Heinicke, H. R., Inc., chimneys, 147 4th av, New York.
Heinigke & Smith, glass mosaic wks., 24 E. 13th, New York.
Heinisch, Geo. H., brick, Portsmouth, Ohio.
Heinisch's, R., Sons' Wks., snips, 109 Bruce, Newark, N. J.
Heinke, Chas. A., contractor, 160 W. Sharpnack Gtn., Phila., Pa.
Heinlein, John, Cut Stone Co., 555 President, Brooklyn, N. Y.
Heinman, John, contractor, St. Cloud, Minn.
Heinman & Stern, meat packers, 1040 McAllister, San Francisco, Cal.
Heinn Co., loose leaf devices, 354 Florida, Milwaukee, Wis.
Heinrichs, Joseph, furniture, 948H Broadway, New York.
Heins, Alex., Belting Co., 2441 Harrison, San Francisco, Cal.
Heins, Daniel, mach. & fdr., Carrollton, Mo.
Heins, W. F., mach. & fdr., Carrollton, Mo.
Heins, Wm. R., & Co., contractors, 1713 Moravian, Phila, Pa.
Heintz, W. H., cornices, New Rochelle, N. Y.
Heintzelman-Earle-Wickeren Co., machinists, Los Angeles, Cal.
Heinz, C., Stove Co., 100 N. 2d., St. Louis, Mo.
Heinz, H. J., Co., canned goods, Pittsburgh, Pa.
Heinz, Lorenz H., architect, 128 N. LaSalle, Chicago, Ill.
Heinz & Munschauer, bird & animal cages; refrigerators, etc., Buffalo, N. Y.
Heinze Elec. Co., Lowell, Mass.
Heinze, John O., Co., automobile engine starters & lighting systems, Springfield, Ohio
Heinzelman Bros. Carriage Co., Belleville, Ill.
Heinzkill, John, Soap, Appleton, Wis.
Heinzmann, G. W., & Son, contractors, Lemcke Bldg., Indianapolis, Ind.
Heipershausen Bros., marine & tubular boilers, 43 Tomkins, New York.
Heise & Bruns Mill & Lbr. Co., 600 S. Caroline, Baltimore, Md.
Heise, Wm. F., Mfg. Co., metal specialties, 355 Union pk. ct., Chicago, Ill.
Heisel, C. (Est. of), feed, flour, Plattsmouth, Neb.
Heiser, H. J., & Co., who. hdwe., Mahanoy City, Pa.
Heiser, J. B., handles (hammer), Atwater, Ohio.
Heiser, Jno., & Son, masons' & bldrs.' matls., Sidney, Ohio.
Heiser, Wm., Sons Co., machsts., Buffalo, N. Y.
Heisey, A. H., & Co., glassware, Newark, Ohio.
Heiskell, Jas. M., R. R. ties, Galveston, Tex.
Heisler, Frank, contractor, Sikeston, Mo.
Heisler Locomotive Wks., Erie, Pa.
Heissler Storage Battery Co., 2506 Cottage Grove av, Chicago, Ill.
Heist, Harry H., contractor, 65th & Limekiln pk., Phila., Pa.
Heister, W., architect, Union Sav. Bank Bldg., Washington, D. C.
Heitger, Julius, brick common, Bedford, Ind.
Heitland Grate & Mantel Co., fireplace heaters, heat deflectors, 120½ W. 5th, Quincy, Ill.
Heitler, Kurt, display racks, wire & brass easels, 221 4th av, New York.
Heitmann, F. W., Co., mill & facty. supplies, who. hdwe., Houston, Tex.
Heitmann Lbr. Co., cash, door & blind mfrs., 5852 S. Ashland av, Chicago, Ill.
Heitz, Louis R., mach. & fdr., Muscatine, Ia.
Hektograph Mfg. & Dup. Co., 46 Murray, New York.
Helb, Edw., levels, Railroad, Pa.
Helbock, C., contractor, 633 Wales av, New York.
Helbostad, H. K., architect, Kellogg, Idaho.
Held, A., ivory nuts, crude rubber, 11 William, New York.
Held, Albert, architect, Realty Bldg., Spokane, Wash.
Helder, Arthur H., landscape arch., Kansas City, Mo.
Helderberg Cement Co., Albany, N. Y.
Heldmyer Hardware Co., Elyria, Ohio.
Helen Lbr. Co., Helen, Fla.
Helena Hardware Co., Helena, Mont.

Helena Hardwood Lbr. Co., Helena, Ark.
Helena Job Wks., cornices & skylights, Helena, Ark.
Helfensteller, Hirsch & Watson, architects, Chemical Bldg., St. Louis, Mo.
Helfrich Lbr. & Mfg. Co., Evansville, Ind.
Helfrich, N. J., & Co., masons' & bldrs.' matls., Carthage, Ill.
Helfrich Pottery Co., Evansville, Ind.
Helgason Bros., contractors, Vicksburg, Miss.
Helgerson Bros., Iron Wks., Green Bay, Wis.
Helios Mfg. Co., storage batteries, lamps, etc., 2530 N. Broad, Phila., Pa.
Helios Metal Wks., Inc., sheet metal stamping, 437 11th av, New York.
Hell Gate Sheet Metal Wks., 236 E. 95th, New York.
Hellenberg, J. B., Co., turned wood novelties, Coldwater, Mich
Heller-Aller Co., agricultural implements & machsts, Napoleon, Ohio.
Heller, B., & Co., writing inks, 3925 Calumet av, Chicago, Ill.
Heller & Brightly, mfrs. engineering & surveying instruments, Dept. H. 1122 Spring Garden, Philadelphia, Pa.
Heller Bros., Co., contractors, Logan av, Youngstown, Ohio.
Heller Bros. Co., iron rolling mills, files & rasps, 870 Mt. Prospect av, Newark, N. J.
Heller, C. B., elec. fix. mfrs., 622 Arch, Philadelphia, Pa.
Heller, C., Sons, sashes, doors & blinds, 49 Cambridge av, Jersey City, N. J.
Heller, H. F., architect, Fond du Lac, Wis.
Heller, Jno. M., contractor, South Orange, N. J.
Heller, Jos. S., potash, ammoniates, phosphate rock, etc., 62 William, New York.
Heller & Merz Co., color mfrs., 503 Hudson, New York.
Heller, S., machsts, 250 Milwaukee, Wis.
Heller, Sam'l, trunk mfrs., 345 N. 2d, Philadelphia, Pa.
Heller, W. C., & Co., hardware, shelf boxes, Montpelier, Ohio.
Hellman Bros., brick, Tiffin, Ohio.
Hellmer, M., sweaters, cardigans, etc., 311 Poplar, Phila., Pa.
Hellminger Bros., mchsts. & fdrs., Adell, Wis.
Hellmuth, Chas., printing inks, 154 W. 18th, New York.
Hellmuth & Hellmuth, architects, De Menil Bldg., St. Louis, Mo.
Hellrung & Grim House Furnishing Co., mattresses, 906 Washington av, St. Louis, Mo.
Helm Brick Mach. Co., Caddillas, Mich.
Helm, S. D., Mfg. Co., fountains, stock, Crawfordsville, Ind.
Helman, D. L., lumber mfrs., Warren, Ohio.
Helmbacher Forge & Rolling Mills Co., crankshafts, Syndicate Trust Bldg., St. Louis, Mo.
Helmbold, Fritz, meat packers, Troy, N. Y.
Helme & McIlhenny, machsts, 1339 Cherry, Philadelphia, Pa.
Helmer, Robert, architect, 235 5th av, New York.
Helmerich, W. H., & Co., leaded & stained glass, 719H Fulton, Chicago, Ill.
Helmera, Jno. G., architect, 814 Union, West Hoboken, N. J.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Helming, Wm., brick, Ferdinand, Ind.
Helmle & Corbett, architects, 190 Montague, Brooklyn, N. Y.
Helmle, Geo. B., architect, Ferguson bldg, Springfield, Ill.
Helmle, Geo. H., architect, Ferguson bldg, Springfield, Ill.
Helmle, Geo., & Helmle, architects, Ferguson Bldg., Springfield, Ill.
Helmle, Henry R., architect, Ferguson bldg, Springfield, Ill.
Helmold, J. F., & Bro., machsts., 1462 Hamburg, Chicago, Ill.
Helmrich, Geo., cornices, New Rochelle, N. Y.
Helms Butler Co., bldg. contrs., Portland, Me.
Helm's, D. D., Sons, meat packers, Camden, N. J.
Helms, F. W., contractor, Summit, N. J
Helmsky, John, furniture, 208H E. 120th, New York.
Helmus, Gabriel, silk tassels, 142 Greene, New York.
Helrich, Otto A., architect, Everett, Mass.
Helsby Machinery Co., steel rails, Smith bldg, Seattle, Wash.
Helsty & Corbet, machy. dlrs. & steel rails, Smith Bldg., Seattle, Wash.
Helson, Richard, contractor, 121 Columbia W., Detroit, Mich.
Heltzel Steel Form & Iron Co. (The), Warren, Ohio.
Helvetia Milk Condensing Co., canners, Highland, Ill.
Helvetia Silk Mill, velvets, Paterson, N. J.
Helwig Mfg. Co., pneumatic tools & labor-saving devices, St. Paul, Minn.
Helwig, Wm., & Co., badges & buttons, Cincinnati, Ohio.
Hely, Edw., stone, crushed, Cape Girardeau, Mo.
Heman Constr. Co., Title Guarantee Trust Bldg., St. Louis, Mo.
Hemenway Furniture Co., Alexandria, La.
Hemeon Bros., contractors, Somerville, Boston, Mass.
Hemet Canning Co., Hemet, Cal.
Hemingray Glass Co., Muncie, Ind.
Hemingway Bros., brooms, Stockton, Cal.
Hemingway, H. C., & Co., canned goods, Syracuse, N. Y.
Hemingway, H. F., & Co., canned goods, 2315 Orleans, Baltimore, Md.
Hemingway Mach. Co., Lynn, Mass.
Heminway & Bartlett Silk Co., silk thread, Watertown, Conn.
Hemlock Mfrs., lumber, Oshkosh, Wis.
Hemme, Charles, architect, DeSoto, Mo.
Hemmendinger, S., plbrs. supplies, Elizabeth, N. J.
Hemmer, Michael, contractor, 215 Sunset av, Syracuse, N. Y.
Hemmerdinger, John H., & Son, razor strops, Vandervoort av, Brooklyn, N. Y.
Hemmerdinger, L., & Co., paints, bronze powders, 438 E. 123d, New York.
Hemmerle, Frank J., cornices, Sandusky, Ohio.
Hemmi-Nygren Mfg. Co., lumber, Everson, Wash.
Hemming Bros. Co., automatic grinding & polishing machinery mfrs., New Haven, Conn.
Hemming Mfg. Co., insulators, battery covers, etc., Garfield, N. J.
Heming Wagon Co., Meridian, Miss.
See adv index at end of book
Hemmings, E. C., architect, 1203 J, Sacramento, Cal.
Hemp, C. E., draughting room equipment, Hamilton, Ohio.
Hemp & Co., stoves, army canteens, etc., Vandeventer, nr. Shaw, St. Louis, Mo.
Hempel, Max, cornices, 3016 E. 91st, Chicago, Ill.
Hempelman & Hector, machsts, 120 Longworth, Cincinnati, O.
Hempfield Foundry, Greensburg, Pa.
Hemphill, A. J., Co., Inc., hrdwe. whol. mill & facty. supp., 161 Washington, New York.
Hemphill Lbr. Co., Kennett, Mo.
Hemphill Mfg. Co., knitting machy, Central Falls, R. I.
Hemple, C. H., & Bro., contractors, Braddock, Pa.
Hemple Co., hosiery machy., Pawtucket, R. I.
Hempstead, John, second-hand barrels, Waterford, N. Y.
Hemsing & Son, sash, door & blind, Sonderton, Pa.
Hemstreet, W. F., architect, Woolworth Bldg., New York.
Hench & Dromgold Co., see York Mill Machy. Co. (successors).
Hendee, C. C., Co., brushes, 501 B'way, Milwaukee, Wis.
Hendee-Connor Co., mill & facty. supplies, 60 Pearl, Buffalo, N. Y.
Hendee Mfg. Co., motorcycles, Springfield, Mass.
Henderer's, A. L., Sons, pumps & punching machines, Wilmington, Del.
Henderich, F. A., architect, St. Augustine, Fla.
Henderson, A. P., roof brackets, Assinippi, Mass.
Henderson, Alex., contractor, 305 W. 21st, New York.
Henderson-Ames Co., machsts. & fdrs., Kalamazoo, Mich.
Henderson & Baird Hardware Co., Greenwood, Miss.
Henderson & Bro. Co., Ltd., contractors, S. 25th, below Spruce, Phila, Pa.
Henderson Bros., automobile bldrs., N. Cambridge, Mass.
Henderson Bros., carriages & automobiles, Cambridge, Mass.
Henderson Bros., glass stainers, 317 E. 64th, New York.
Henderson Bros., contractors, Coshocton, Ohio.
Henderson Bros. Co., tumbling barrels, 133 S. Leonard, Waterbury, Conn.
Henderson Buggy Mfg. Co., Henderson, N. C.
Henderson, C. A., architect, Coffeyville, Kan.
Henderson Canning Co., Aberdeen, Md.
Henderson, Chas. G., architect, 1405 Forrest av, Wilmette, Ill.
Henderson Cotton Mills, sheetings, Henderson, N. C.
Henderson Cotton Mills, see Consolidated Textile Co. (successors).
Henderson Cotton Oil & Gin Co., meal, Henderson, Tex.
Henderson, Edwin, contractor, Port Washington, N. Y.
Henderson Elec. Co., conduit benders, boring machy. & portable benches, Ampere, N. J.
Henderson Elec. Co., joist boring machy., Charlottesville, Va.
Henderson, Frank, hot air furnaces, Troy, N. Y.
Henderson Iron Wks. See Henderson Shipbuilding Co.. (successor).
Henderson, F. R. & Co., crude rubber, 111 B'way, New York.
Henderson, J. G., sheet metal stamping, 65 Main, Buffalo, N. Y.
Henderson, James G., stone, Ft. Worth, Tex.
Henderson, John T., contractor, 139 Beltzhoover, Pittsburgh, Pa.
Henderson & Johnson, paints, Gloucester, Mass.
Henderson, L. P. See Henderson, Mrs. W. C. (successor).
Henderson Land & Lbr. Co., Tuscaloosa, Ala.
Henderson Lithograph Co., advtg. post cards, Norwood, O.
Henderson Lumber Co., Ocilla, Ga.
Henderson Lumber Co., ties, poles & posts, 316 4th av, Pittsburgh, Pa.
Henderson Machine Co., 5032 Germantown av, Phila, Pa
Henderson Mfg. Co., carriages, Henderson, Ky.
Henderson Molpus Co., lbr., Philadelphia, Miss.
Henderson Motor Cycle Co., 584 Franklin, Detroit, Mich
Henderson, P. J., heating contr., 171 Foster, Worcester, Mass.
Henderson, Peter, & Co., fertilizer mfrs., 35 Cortlandt, New York.
Henderson Roller Mills Co., Monroe, N. C.
Henderson Rubber Co., rubber compound mfrs., 102 Commerce, Baltimore, Md.
Henderson Shipbuilding Co., Mobile, Ala.
Henderson, Thos., & Co., Inc., confectioners' colors, 14 Cliff, New York.
Henderson, W. D., contractors, Monadnock bldg, San Francisco, Cal.
Henderson, W K., Iron Wks. & Supply Co., steam fitters' supplies, Shreveport, La.
Henderson Wagon Wks., dumping wagons, Henderson, Ky.
Henderson-Waites Lbr. Co., Caryville, Fla.
Henderson, Walter P., architect, 755 Boylston, Boston, Mass.
Henderson-Willis Welding & Cutting Co., 2305 N. 11th, St. Louis, Mo.
Hendey Chem. Co., Inc., chemicals, cod liver oils, etc., 72 Trinity pl, New York.
Hendey Machine Co., engine lathes, milling machines, shapers & centering machine mfrs., Torrington, Conn.
Hendley & Whittemore Co., wood-working machy., Beloit, Wis.
Hendrick Mfg. Co., cars, screens, steel tanks, etc., Carbondale, Pa.
Hendricks Brick Co., East Kingston, N. Y.
Hendricks Bros., copper bolts, rivets, etc., 49 Cliff, New York.
Hendricks & Class, wholesale hdwe., 30 Church, New York.
Hendricks, G. C., architect, Winston-Salem, N. C.
Hendricks, Martz Bros., Co., mirrors & glass shelves, Shelby & Larned, Detroit, Mich.
Hendricks-Moore Co., masons' & bldrs.' matls., Lexington, Ky.
Hendricks, O. H., cornices, 1466 Lamar, Memphis, Tenn.
Hendricks, Wm. M., machist. & fndr., Watervalley, Miss.
Hendrickson & Dilatush, fertilizer mfrs., Robbinsville, N. J.
Hendrickson, E. D., machts. & fndrs., Demorest, Ga.
Hendrickson Lumber Co., 112 Market, San Francisco, Cal.
Hendrickson-McCabe Constr. Co., O. C. S. Bank Bldg., Syracuse, N. Y.
Hendrickson Motor Truck Co., 3538 S. Wabash av, Chicago, Ill.
Hendrickson Roofing Co., cornices, Springfield, Ohio.
Hendrie & Bolthoff Mfg. & Supply Co., mill & facty. supplies, Denver, Colo.
Hendrie, W. C., Rubber Co., Torrance, Cal.
Hendrix Hdwe. Co., whol., Columbia, S. C.
Hendrix, J. A., flour mills, Milligan College, Tenn.
Hendry, Alex., contractors, 320 W. Grand av, Chicago, Ill.
Hendry, C., architect, Elmhurst, N. Y.
Hendryx, Andrew B., Co., chains, bird cages, wire picture cord, etc., 86 Audubon, New Haven, Conn.
See adv index at end of book.
Hendryx Cyanide Machy. Co., 136 Liberty, New York.
Hendy, Joshua, Iron Works, 75 Fremont, San Francisco, Cal.
Henebry, Thos. F., machsts. & fndrs., Danbury, Conn.
Henes & Keller Co., machsts. & fndrs., Menominee, Mich.
Henes, Louis G., machy. dlr., 75 Fremont, San Francisco, Cal.; Title Insurance Bldg., Los Angeles, Cal.
Hengels, Henry C., architect, 425 E. Water, Milwaukee, Wis.
Henion & Hubbell, machy. dlrs., contrs.' tools & supplies, & wholesale hdwe., 219 N. Jefferson, Chicago, Ill.
Henis, Wm. G., Sons & Co., weather vanes, 1347 Ridge av, Philadelphia, Pa.

Henke, D. E., & Co., contractors, Zanesville, Ohio.
Henke, Robt., gold leaf, 175 Park Row, New York.
Henkel & Brown, contractors, Mason City, Ia.
Henkel Co., cutlery mfrs., Fremont, Ohio.
Henkel & Sullivan, contractors, Mercantile Library Bldg., Cincinnati, Ohio.
Henkle & Joyce Hardware Co., Lincoln, Neb.
Henley, Francis E., architect, 42 Weybosset, Providence, R. I.
Henley, S., Inc., oils, greases, wax, 23 Beaver, New York.
Henley Skate Co., toys & coaster wagons, Richmond, Ind.
Henne & Meyer Co., wholesale hdwe., Rockdale, Tex.
Henneberry & Co., meat packers, Arkansas City, Kans.
Henneberry & Halligan, granite producers, Concord, N. H.
Hennebique Const. Co., 1170 B'way, New York.
Hennebohle, Frank, machst., 81st & S. Chicago av, Chicago, Ill. *See adv. index at end of book*
Hennecke, C., Co., structural steel, 1353 N. Pierce, Milwaukee, Wis.
Hennen, Joseph E., architect, Fond Du Lac, Wis.
Hennepin Bridge Co., 968 Laurel, Minneapolis, Minn.
Hennepin Paper Co., Plymouth Bldg., Minneapolis, Minn.
Hennepin Sash, Door & Lumber Co., Emerson av, & 29th, Minneapolis, Minn.
Hennesey, D. R., machst. & fndr., Bellefontaine, Ohio.
Hennessey Bros., contractors, Brookline, Mass.
Hennessey Foundry Co., Springfield, Ohio.
Hennessey, J. M., & Bro., contractors, Troy, Ohio.
Hennessey, Wm. E., stone producers, Amsterdam, N. Y.
Hennessy, Dennis, tubular boilers, steel stacks & tanks, etc., Syracuse, N. Y.
Henney Buggy Co., Moline, Ill.
Hennigan, J. G. E., lunch wagons, Worcester, Mass.
Henning Bros., cornices, cans, 3924 Indiana av, Chicago, Ill.
Henning, E., Inc., cooperage stock mfrs., 105 S. La Salle, Chicago, Ill.
Henning, Julius, cornices & skylights, 315 Plymouth, N., Minneapolis, Minn.
Henning, V., & Sons, smelters & refiners; alloys, ingots, etc 330 Belmont av, Brooklyn, N. Y.
Henning, Wm., brick, Newton, Ia.
Henning, Wm., Co., canned goods, 1260 W. Division, Chicago Ill.
Henninger, F. A., architect, Security bldg, Omaha, Neb.
Henningsen Bros, contractors, Irvington, N. J.
Hennon, Paul T., Jr., architect, Fuller bldg, Phila., Pa.
Henon & Boyle, architects, Fuller Bldg., Philadelphia, Pa.
Henrich, Geo. A., heating contr., 5650 B'way, Chicago, Ill.
Henrich's, Wm., Sons Co., contractors, 193 Spring, Buffalo, N. Y.
Henrick, John, contractor, Oswego, N. Y.
Henricks, C. R., architect, Norristown, Pa.
Henricks Magneto & Elec. Co., electric lighting outfits, 1225 S. Paul, Indianapolis, Ind.
Henrickson & Co., contracors, Globe Bldg., Seattle, Wash.
Henrie, C. B., cornices, Xenia, Ohio.
Henrietta Mills, cotton sheeting, Caroleen, N. C.
Henrikson, Bernard T., & Co., wood working mach. knives, 664 W. Austin, Chicago, Ill.
Henrix, Luebbert Mfg. Co., tents, 326 Howard, San Francisco, Cal.
Henrotin, A., Co., soap, 447 Wells, Chicago, Ill.
Henry, A. L., contractor, Gloversville, N. Y.
Henry Airtight Weather Strip Co., Crawfordsville, Ind.
Henry & Allen, flat spring keys, garden tools, etc., Auburn, N. Y.
Henry-Bonnard Bronze Co., archl. & ornamental iron work & castings, 20 Exchange pl, New York.
Henry Bros., canned goods, Poage's Mill, Va.
Henry Bros., gas burners, Massillon, Ohio.
Henry, C. P., Nov. Co., curtain rods, 184 Early, Providence, R. I.
Henry, Chas., tubular boilers, Madison, Ind.
Henry, Chas. D., architect, Kankakee, Ill.
Henry Contracting Co., 633 W. 47th, New York.
Henry, David, Bldg. Co., Paterson, N. J.
Henry, Edw. P., contractor, Woodbury, N. J.
Henry Engng. Co., machsts., 116 27th, Brooklyn, N. Y.
Henry, Frank N., masons' & bldrs.' matls., Wilkes-Barre, Pa.
Henry Furnace & Foundry Co., 825 Long av, Cleveland, Ohio.
Henry, J. G., contractor, Geneva, N. Y.
Henry, J. W., architect, Aberdeen, S. D.
Henry, Jas. M., contractor, Fort Wayne, Ind.
Henry, John T., Mfg. Co., pruning knives, hdwe. mfrs., Hamden, Conn.
Henry Mfg. & Grease Cup Co., oil lubricators, Terre Haute, Ind.
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Henry, Millard & Henry Co., gas engines, York, Pa.
Henry-Miller Foundry Co., hot air furnaces, 825 Long av, Cleveland, Ohio.
Henry & Murphy, architects, 2d Natl. Bk. Bldg., Akron, Ohio.
Henry, Robt., brick, Lancaster, Ohio.
Henry & Sheffler Mach. & Auto Co., Greensburg, Pa.
Henry, T. A., brick, Gastonia, N. C.
Henry, Walter C., & Son, contractors, St. Petersburg, Fla.
Henry, Wm., stone, 5837 Justine, Chicago, Ill.
Henry & Wright Mfg. Co., drilling machines, dieing machines & press mfrs., 760 Windsor, Hartford, Conn. *See adv. index at end of book.*
Henryetta Spelter Co., zinc, Henryetta, Okla.
Henryson, L. P., & Co., umbrella mfrs., 20 W. 20th, New York.
Henschien, H. P., architect, 37 W. Van Buren, Chicago, Ill.
Henschel, Chas. J. & Co., Inc., marine fittings & accessories, 111 Dobbin, Brooklyn, N. Y.
Hensel, E. R., Steel & Copper Co., Security Bldg., St. Louis, Mo
Hensel, Henry C., architect, 766 8th, Milwaukee, Wis.
Hensel & Meyer, metal polish, 2149 Belmont av, Chicago, Ill.
Hensel, Samuel, contractor, New Philadelphia, Ohio.
Hensel Silk Mfg. Co., silk fringes, 1015 Diamond, Phila., Pa.
Hensgen, Herman, contractor, Camden, N. J.
Henshaw, G., & Sons Co., furniture, Elm ct., Dept. H, Cincinnati, Ohio.
Henshaw, Gorham, architect, 87 Weybosset, Providence, R. I.
Hensil, Y. D., architect, Eugene, Ore.
Hensley, Jas. W., & Co., dredging buckets, Indianapolis, Ind.
Hensley Trolley & Mfg. Co., trolley wheels, machsts. & brass fndrs., 370 Holden av, Detroit, Mich.
Henson, Edw. F., & Co., packing box mfrs., 921 N. Delaware av, Philadelphia, Pa.
Henson, P., contractor, Huntington, W. Va.
Henson, R. W., contractor, Geneva, N. Y.
Henton, John R., contractor, Decatur, Ill.
Hentschel, P. J., Mach Co., jigs & fixtures, 703 Hillen, Baltimore, Md.
Hentschke, Albert & Son, machsts. & fndrs., 731 Race, Philadelphia, Pa.
Hentz, Reed & Adler, architects, Candler Bldg., Atlanta, Ga.
Henzel, J. G., fish hooks & bait, 415 W. Van Buren, Chicago, Ill.
Henzmann & Richard, archl. & orna. iron, Louisville, Ky.
Hepburn Telephone Mfg. Co., 325 S. Dearborn, Chicago, Ill.
Heppe, Christopher J., & Son, pianos, 1117 Chestnut, Phila., Pa.
Heppe, Wm., & Sons Co., soap, Logansport, Ind.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., automobile forgings, 47th & Hatfield, Pittsburgh, Pa.
Heppenstall & Marquis, masons' & bldrs.' matls., 32d, Pittsburgh, Pa.
Hepperle, J. & Son, stone, 4008 W. Taylor, Chicago, Ill.
Heppert, Jos., lumber mfrs., 906 Catherine, Richmond, Va.
Heppes-Nelson Roofing Co., see Heppes Roofing Division, The Richardson Co. (successors).
Heppes Roofing Division, The Richardson Co., Lockland, Ohio.
Heps, Henri C., architect, 358 N. Y. av, Brooklyn, N. Y.
Hepworth, Jno. W., & Co., tex. machy. (knitting machy.), loopers, Lehigh av & Mascher, Philadelphia, Pa.
Hepworth, S. S., Co., sugar centrifugals & mixers, 2 Rector, New York.
Herbert Boiler Co., 140 Root, Chicago, Ill.
Herbert Brush Mfg. Co., Kingston, N. Y.
Herbert, Derrick, architect, Menominee, Mich.
Herbert, M., Co., portables, 8 W. 22d, New York.
Herbert Machy. & Supply Co., 401 E. 3rd, Los Angeles, Cal.
Herbert, Thos., & Sons, contractors, Bayonne, N. J.
Herbert, T. L., & Sons, masons' & bldrs.' matls., Nashville, Tenn.
Herbert, Wm. A, & Co., lbr., 11 S. La Salle, Chicago, Ill.
Herberts Engrg. Co., elec. illuminated signs, 500 5th av, New York.
Herbertson, John, Sons, machsts. & fndrs., Brownsville, Pa.
Herbrand Co., machines, Fremont, Ohio.
Herbst & Kuerzli, architects, 114 Grand av, Milwaukee, Wis.
Hercules Belt Lace Mfg. Co., 6725-6731 Clyde av, Chicago, Ill.
Hercules Buggy Co., Evansville, Ind.
Hercules Car Mover Co., 860 Clark, Appleton, Wis.
Hercules Chemical Co., chemical plumbing pipe cleaner, 347 Broadway, New York.
Hercules Chemical Wks., metal polish, 1452H N. Wells, Chicago, Ill.
Hercules Elec. Co., gas igniters, Indianapolis, Ind.
Hercules Elec. Steel Corp., 145 Lafayette, New York.
Hercules Eng'ng Corp., chemical machy., 501 5th av, New York.
Hercules Fdry. Co., Bayle & Slawson avs, Los Angeles, Cal.
Hercules Float Works, seamless copper floats, mfrs., 200 Franklin, Springfield, Mass.
Hercules Gas Engine Co., machsts. & fndrs., Evansville, Ind.
Hercules Instrument Co., ammeters, Mount Vernon, N. Y.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hercules, Jacob, architect, Peoria Life bldg, Peoria, Ill.
Hercules Mfg. Co., agricultural implements, Centerville, Ia.
Hercules Mfg. Co., labels—woven, Midvale, N. J.
Hercules Mfg. Co., machy., Chattanooga, Tenn.
Hercules Metal Corner Co., Kingston, N. Y.
Hercules Metal Wks., brass fndrs., Castasauqua, Pa.
Hercules Motor Mfg. Co., Canton, Ohio.
Hercules Oil Refining Co., petroleum, E. 30th, Los Angeles, Cal.
Hercules Paper Bag Co., Reading, Pa.
Hercules Powder Co., Wilmington, Del.
Hercules Sandstone Co., stone producers, Tenino, Wash.
Hercules Waterproof Cement Co., Buffalo, N. Y.
Herding & Boyd, architects, Title Guaranty Bldg., St. Louis, Mo.
Herdman Sash, Door & Lumber Co., Zanesville, Ohio.
Herdrick, B. F., brick, Lebanon, Ind.
Herf & Frerichs Chemical Co., 932H Pierce bldg, St. Louis, Mo.
Herff, A. A., architect, S. A. Loan & Trust Bldg., San Antonio, Tex.
Herfort, F., Canning Co., Baraboo, Wis.
Hergert, Theo., sheet metal ornaments, etc., 422 E. 53d, New York.
Herhold Chair Co., 1025H W. Erie, Chicago, Ill.
Hering, Oswald C., & Fitch, architerts, 8 W. 33d, New York.
Herkimer Fibre Co., 51 Lincoln, Boston, Mass.
Herkimer Fdry. Co., Herkimer, N. Y.
Herkless, A. R., contractor, Rushville, Ind.
Herlan, Geo. J., heating contr., 132 Northampton, Buffalo, N. Y.
Herlihy, J. J., heating contr., 751 W. Van Buren, Chicago, Ill.
Herlth, O. B., Mfg. Co., Inc., special machinery & tools, 32 Union pl, Hartford, Conn. *See adv index at end of book.*
Herman, A. F., architect, Owen bldg, Detroit, Mich.
Herman, B. C., plbrs. supplies, 1441 E. Baltimore, Baltimore, Md.
Herman, F. J., contractor, Toledo, Ohio.
Herman, Geo., contractor, 28 Hillside av, Buffalo, N. Y.
Herman, Geo. G., Antigo, Wis.
Herman Iron Wks., machsts., West New York, N. J.
Herman, K. I., Co., packing box mfrs., 111 W. Washington, Chicago, Ill.
Herman, M. S., & Bros., canned goods, Savannah, Ga.
Herman Pneumatic Mach. Co., Zellenople, Pa.
Herman, Q. E., architect, Hickory, N. C.
Herman, R. L., architect, 64 W. 38th, New York.
Herman Safe Co., 216H Fremont, San Francisco, Cal.
Herman, Sanford, Saddlery Co., Springfield, Mo.
Hermance Mach. Co., Williamsport, Pa.
Hermandsen, Hans, contractors, West New Brighton, N. Y.
Hermann, E. A., architect, 2567 A. Mission, San Francisco, Cal.
Hermann Eng. Co., machsts., 654 Franklin, Detroit, Mich.
Hermann, F. W., Co., mill & facty. supplies, Guttenberg, N. J.
Hemann & Grace Co., fire proof doors, 671 Bergen, B'klyn, N. Y.
Herrmann, H., Lumber Co., Ashland, Ky.
Hermann, John, horse collars, Lawrence, Kans.
Hermann, M., & Son, carriages, Honesdale, Pa.
Hermann, Martin, lumber mfrs., Callicoon, N. Y.
Hermanson, Severin S., sweaters, cardigans, etc., Marinette, Wis.
Hermitsge Cotton Mills, cotton sheetings, Camden, S. C.
Hermitage Hardware Co., Nashville, Tenn.
Herne, J. F., Co., sweeping compounds, Sanford, Boston, Mass.
Hernke, Bernard, machsts. & fndrs., Wausau, Wis.
Hero Mfg. Co., metal novelties & specialties, Westmoreland av & Stokeley, Phila., Pa.
Hero Snap Fastener Co., 100 5th av, New York.
Herog Art Furn. Co., Dept. H, Saginaw, Mich.
Herold Bros. Co., brushes, 741 Euclid av, Cleveland, Ohio.
Herold China & Pottery Co., capsules, etc., Golden, Colo.

Herold, P. J., architect, Forum Bldg., Sacramento, Cal.
Herold, R. A., architect, Forum Bldg., Sacramento, Cal.
Heron Iron Bedstead Co., Chattanooga, Tenn.
Heron Mfg. Co., casters, Utica, N. Y.
Heron, Thos. J., architect, 1012 Fordham bldg, Pittsburgh, Pa.
Herow Granite Co., Willow av & 133d, New York.
Herpel Bros., machinists, Reynoldsville, Pa.
Herr & Co., who. hardware & mill & factory supplies, Lancaster, Pa.
Herr John, Mfg. Co., floor scrubbing & polishing machines, 44 N. 4th, Phila., Pa.
Herr Mfg. Co., mattresses, Lancaster, Pa.
Herr, Wm., cornices, 1625 W. 15th, Chicago, Ill.
Herreshoff Mfg. Co., ship builders, mchsts & fndrs., Bristol, R. I.
Herrfeldt, J. H., & Co., cut glassware, 48 Lexington av, Brooklyn, N. Y.
Herrick, A. H., & Son, buckwheat flour, Watertown, N. Y.
Herrick Bros., machsts & fndrs., Bethel, Me.
Herrick, C. W., Mfg. Co., furniture, Dept. H, Jamestown, N. Y.
Herrick, Chas. E., mchsts. & fdrs., Northampton, Mass.
Herrick Co., who. hdwe., 49 Broad, Boston, Mass.
Herrick & Cowell, machsts, New Haven, Conn.
Herrick, F. R., & Co., brushes, brooms, 3843 W. Lake, Chicago, Ill.
Herrick, Geo. S., grate bar mfrs., Syracuse, N. Y.
Herrick Hardware Co., Waco, Tex.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Herrick & Voight, chemicals for the textile & leather trades, 68 Maiden lane, New York
Herring Buggy Co., Mansfield, O.
Herring, G. B., & Son, contractors, Mansfield, O.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Herrington, Ed., masons' & bldrs'. matls., Hillsdale, N. Y.
Herriott Shoe Polish Co., 2801 N. B'way, St. Louis, Mo.
Herrlein & Henrich Co., glass stainers, metal & glass signs, 37 Greene, New York.
Herrlinger & Co., paper bags, 206 Walnut, Cincinnati, O.
Herrlinger Paper Co., 211 Main, Cincinnati, O .
Herrman, F. W., Co., mill & factory supplies, Guttenberg, N. J. (tr.)
Herrmann Bros., cornices, 6th & Clay Day, Cincinnati, O.
Herrmann, Edmund, architect, Massillon, O.
Herrmann & Grace Co., fireproof doors & roofing, 671 Bergen, Brooklyn, N. Y.
Herrmann, H., Furniture Co., music cabinets & desks, 370 Broome, New York.
Herrmann, H., Lbr. Co., E. 125th, New York.
Herrmann, Jos. F., & Co., fertilizer, mtls, glue, axle grease & tallow, Fisher Bldg., Chicago, Ill.
Herrmann, Morris, & Co., clays, color mfrs., 200 5th av, New York.
Herrmann, T. C., architect, 17 Exchange, Providence, R. I.
Herron Mfg. Works, Dir. of the Bossick Co. (Bridgeport, Conn.), jigs & fixtures, dies, gages & special machry., Utica, N. Y.
Herron, P. M., Hardware Co., mill & facty. supplies, 34 Genesee, Auburn, N. Y.
Herron, R. H. Co., oil & gas well supplies, 934 N. Alameda, Los Angeles, Cal.
Hersch, Leo., masons' & bldrs. matls., Sante Fe, N. M.
Herschel, R., Mfg. Co., agricultural implements & mchsts, Peoria, Ill.
Herschel-Roth Mfg. Co., mill & factory supplies, Minneapolis, Minn.
Herschell-Spillman Co., amusement park devices, North Tonawanda, N. Y.
Herschler, L.C., contractor, Schultz Bldg., Columbus, O.
Hersee & Co., furniture, 303H Ellicott, Buffalo, N. Y.
Hersey, A. A., dock bldrs., 362 Border, E. B., Boston, Mass.
Hersey, Ira G., & Sons Co., contractors, 53 Wareham, Boston.
Hersey Mfg. Co., sugar machy, pumps, etc., 314 W. 2d, S. Boston, Mass.
Hersh, A. J., contractor, Altoona, Pa.
Hersh & Bros., heating contractors, Allentown, Pa.
Hersh, F., Hardware Co., Allentown, Pa.
Hersh, Harvey M., mchsts & fndrs, Locust Valley, Pa.
Hersh & Hersh, architects, Altoona, Pa.
Hershew-Hall Clock Co., McMillan & Essex pl., Cincinnati, Ohio.
Hershey-Leaman Co., contrs., Lititz, Pa.
Hershey Machine & Fndry. Co., Manheim, Pa.
Hershey, P. H., canned goods, Spring Grove, Pa.
Hershey & Rohrer, masons' & bldrs'. matls., Ritman, O.
Hershey & Sexton Co., dish washing machs., 1221 Filbert, Philadelphia, Pa.
Hersom, Thos., & Co., tex. mach'y., mill soaps, New Bedford, Mass.
Hertenstein, C. A., Lumber Co., Chillicothe, O.
Hertenstein, M., Co., stove mfrs., 1409 S. High, Columbus, O.
Hertford Hardware & Supply Co., Hertford, N. C.
Herthel, John W., architect, 119 N. 7th, St. Louis, Mo.
Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
Hertlein, J. P. A., landscape architect, Louisville, Ky.
Hestner Elec. & Mfg. Co., battery charging outfits, W. 112th, Cleveland, Ohio.
Herts Bros. Co., interior hardwood work, 20 W. 57th, New York.
Herts & Robertson, architect, 331 Madison av, New York.
Herty Turpentine Cup Co., Jacksonville, Fla.
Hertz, Samuel A., architect, 14 Maiden lane, New York.
Hertzberg, H., & Son, bottle brushes, 15 Mercer, New York.
Hertzler & Zook Co., mchsts & fdrs., Belleville, Pa.
Hervey, F. L., & Co., belting mfrs., Fall River, Mass.
Hervey Mach. Works, machsts., 209 Oaks, Kansas City, Mo.
Herwig Art Shade & Lamp Co., lighting fixtures, 2140 N. Halsted, Chicago, Ill. *See adv. index at end of book.*
Herz Mfg. Co., cigar lighters, sad irons, 241 W. 7th, St. Paul, Minn.
Herzburn, Bernard, architect, 220 W. 42d, New York.
Herzler & Henninger Machine Works, coal mining machy., Belleville, Ill.
Herzog Art Furniture Co., music cabinets, Saginaw, Mich.
Herzog Bros., carriages, 220 Wendell, Chicago, Ill.
Herzog, Geo. P., contractor, Lafayette, Ind.
Herzog Iron Works, ornamental & structl. iron & steel wks., St. Paul, Minn.
Herzog, Jno., & Son, lime mfrs., Patterson, O.
Heslop, J. W. C., brass castings, Point Pleasant, W. Va.
Hess, A. E., lbr. mfrs., Conyngham, Pa
Hess, Adam, arch'l iron, 417 E. 156th, New York.
Hess, Arthur P., architect, 597 5th av, New York.
Hess & Barker, damper regulators, tablet machines, 618 Chestnut, Phila., Pa.
Hess, Barney. See Van Dyke Smelting & Refining Wks. (successor).
Hess-Bright Mfg. Co., bearings, Front & Erie av, Phila., Pa.
Hess, C. E., lumber mfrs., Cherry Creek, N. Y.
Hess Carriage Co., wagon builders, Hagerstown, Md.
Hess, Chas., Co., bath tub seats, etc., 96 Wall, New York.
Hess, D. S., & Co., interior hardwood wks., 3 E. 40th, New York.
Hess, Daniel T., carriages, Quarryville, Pa.
Hess, E. C., contractor, Sterling, Ill.
Hess, Ernest J., architect, 3226 Magnolia av, St. Louis, Mo.
Hess, Frank, & Sons, sash, door & blind mfrs., 2339 N. Cal. av., Chicago, Ill.
Hess, G. B., Co., flour mills, farina, Green Bay, Wis.
Hess, Geo. F., & Son, contractors, Youngstown, O.
Hess, Hy P., architect, 4811 Cote Brilliante, St. Louis, Mo.
Hess & Hopkins Lthr. Co., harness mfrs., Rockford, Ill.
Hess, John, masons' & bldrs'. matls., Steelton, Pa.
Hess Machine Works, 4951 Lancaster, Phila., Pa.
Hess Planing Mill Co., Waynesboro, Pa.
Hess & Rau, mach. & fdr., Watertown, S. D.
Hess, S. M., & Bro., fertilizer mfrs., 328 Chestnut, Phila., Pa.
Hess-Snyder Co., pumps & stoves, Massillon, Ohio.
Hess & Son, blow torches & solder, 2910 N. 16th, Phila., Pa.
Hess Steel Corpn., carbon, chromes, manganese, nickel, steel, etc., Loney's lane & Biddle, Baltimore, Md.
Hess, W. J., machst., Green Bay, Wis.
Hess Warming & Ventilating Co., 1206 B, Tacoma Bldg., Chicago, Ill.
Hess, Wm. H., metal novelties, Oneida, N. Y.
Hess, Wm. T., mattresses, York, Pa.
Hesse Building Material Co., St. Joseph, Mo.
Hesse Envelope & Lithograph Co., 501 N. 1st, St. Louis, Mo.
Hesse Mfg. Co., cotton webbing, Valley Falls, R. I.
Hesse-Martin Iron Wks., saw mill machy. & winches, 468 E. Taylor, Portland, Ore.
Hesse, Walter, architect, 18 E. 41st, New York.
Hesse, W. G., & Son, Mfg. Co., carriages, Leavenworth, Kas.
Hessenbruch, H., Co., hdwe., who., razor mfrs., 8 N. 5th, Phila.
Hession Bros., mason contrs., Derby, Conn.
Hessler Foundry & Mfg. Co., grey iron castings, Oswego, N. Y.
Hessler, H. E., Co., hdwe. mfrs. who., Syracuse, N. Y.
Hessler, H. H., elastic, surgical hosiery, 38 Arcade, Cleveland, O.
Hessner, Hy., & Son, truck trailers, 33 Bartlet, Brooklyn, N. Y.
Hester Mfg. Co., brass door guards, grilles, railings & thresholds, etc., 1455 S. Michigan av, Chicago, Ill.
Hetherington & Berner, mchsts. & fndrs., Indianapolis, Ind.
Hetherington Co., special machy., Piqua, O.
Hetherington, J. T., architect, 38 S. Dearborn, Chicago, Ill.
Hetherington, Jno., & Sons, Ltd., mchsts. & fndrs., 10 High, Boston, Mass.
Hetherington, Murray D., architect, 38 S. Dearborn, Chicago, Ill.
Hetrick, Wilson, & Co., flour mills, Indiana, Pa.
Hettinger, C. F., & Co., brewery architects, 1140 Columbus av Boston, Mass.
Hettinger, E. A., contr., Palo Alto, Cal.
Hettinger Engine Co., engine builders & mchsts, Bridgeton, N. J
Hettinger, Hy. C., landscape arch., McHenry, Ill.
Hettinger, John P., architect, 4708 Dover, Chicago, Ill.
Hettler, Herman H., Lbr. Co., 2601 Elston av, Chicago, Ill.
Hettrick Mfg. Co., canvas goods of all kinds, belting, etc., Toledo, Ohio.
Hetzel & Co., meat packers, 1743 Larrabee, Chicago, Ill.
Hetzel, J. G., Est. of, contractor, cements, compound, paints, etc., 67 Main, Newark, N. J.
Hetzell, John G., & Son, cornices, Paca & Mulberry, Baltimore, Md.
Heubeck, Geo. F., Jr., heating contr., 128 N. Fremont av, Baltimore, Md.
Heuckeroth, Jno., brick, Quakertown, Pa.
Heughes, F. L., & Co., structural steel & iron work, Rochester, N. Y.
Heumader, Chris., trunks, St. Joseph, Mo.
Heun, Arthur, architect, 64 E. Van Buren, Chicago, Ill.
Heusinger Hardware Co., San Antonio, Tex.
Heweet, Lea, Lbr. Co., Bellevue, Wash.
Hewell, T. J., Jr., fertilizer, Dewey Rose, Ga.
Hewes, Geo. D., contractor, Chester, Pa.
Hewes & Phillips Iron Wks., 8 Orange, Newark, N. J.
Hewes, Sam'l, contractor, Chester, Pa.
Hewett, C. G., cotton damasks, Unity & Leiper, Phila., Pa.
Hewett, Jas. A., contractor, Elyria, O.
Hewit, D. E., Lbr. Co., Kermit, W. Va.
Hewitt, Arthur C., architect, 597 5th av, New York.
Hewitt & Ash, architects, 52 Walnut, Phila., Pa.
Hewitt Bearing Metal Co., Inc., 209 Berkeley av, Newark, N. J.
Hewitt Bros., machsts. & fndrs., Punta Gorda, Fla.
Hewitt Bros. Soap Co., Dayton, Ohio.
Hewitt, C. B., & Bros., Inc., pattern boards, etc., 20 Ferry, New York. *See adv index at end of book*
Hewitt, Chas. W., architect, 604 Academy, Astoria, N. Y.
Hewitt, Edward S., architect, 597 5th av, New York.
Hewitt & Emerson, architects, Peoria Life bldg, Peoria, Ill.
Hewitt, Ernest C., contractor, Bay City, Mich.
Hewitt & Granger, architects, Bullitt Bldg., Philadelphia, Pa.
Hewitt, Jno., machsts. & fndrs., East Newark, N. J.
Hewitt, L. & R. T., mattresses, South Wethersfield, Conn.
Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
Hewitt Mfg. Co., fndrs., 241 Greenfield av, Milwaukee, Wis.
Hewitt Motor Co., 252 W. 64th, New York.
Hewitt Rubber Co., hose, valves, etc., Buffalo, N. Y.
Hewitt Sales Co., babbitt metal, 1325 12th, Detroit, Mich.
Hewitt Steel Corp., Newark, N. J.
Hewitt, Thos. J., vent. mfr., 57 Ann, New York.
Hewitt & Warden, light switchboards, Newburgh, N. Y.
Hewitt White Co., corset, shoe laces, Paterson, N. J.
Hewitt, Wm. S., architect, Atlantic City, N. J.
Hewlett Bros., lubrg. oils, 32 Front, New York.
Hewlett, Geo. B., blue & black prints, 32 Front, New York.
Hewlett, Wm. A., architect, 129 E. 27th, New York.
Hews, A. H., & Co., potteries, Cambridge, Mass.
Hexter & Co., stoves, tinware, crockery, 480 Hoyt, Portland, Ore.
Hey, M., Mfg Co., mchsts. & fndrs., 633 N. 3d, Phila., Pa.

Hey, Richard, & Son, woolen blankets, Main Bl. Walnut lane, Philadelphia, Pa.
Heybrook Lbr. Co., Heybrook, Wash.
Heyden Chemical Wks., Garfield, N. J.
Heyden, F., telephone cabinet wks., 517 N. Halsted, Chicago, Ill.
Heye, Irving F., architect, 14 E. 46th, New York.
Heyer, A. Lester, meat packer, 318 E. 38th, New York.
Heyer, Henry, & Sons, furniture, Dept. H, Milwaukee, Wis.
Heyer, T. A., Duplicator Co., 160 N. Wells, Chicago, Ill.
Heyl, Bros. Co., canned goods, 101 S. Front, Phila., Pa.
Heyl & Patterson, conv. troughs, 51 Water, Pittsburgh, Pa.
Heyl, Philip F., lbr., 1215 W. 6th, Cincinnati, Ohio.
Heyman, N. H., anhydrous ammonia & brewers' machy., 488 E. 59th, New York.
Heyman-Weil Co., who. hdwe., 720 Mission, San Fransisco, Cal.
Heystek, Baker, Constr. Co., Kalamazoo, Mich.
Heyward, Thos. R., Co., ferro, alloys, pigiron, fluorspar, Farmers Bank Bldg., Pittsburgh, Pa.
Heywood Bros. & Wakefield, furniture, 174H Portland, Boston, Mass.
Heywood Mfg. Co., envelopes, 420 N. 3d, Minneapolis, Minn.
Heywood Milling Co., flour, Jackson, Mich.
Heyworth, Jas. O., contractor, 606 S. Michigan av, Chicago, Ill.
H. G. Chemical Products Co., Inc., boiler compound, 3778 E. 91st, Cleveland, Ohio.
H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
Hibbard Basket Wks., South Butler, N. Y.
Hibbard, Frank W., contractor, 108 Fargo av, Buffalo, N. Y.
Hibbard Gas Engine Co., Machsts, Hudson Falls, N. Y.
Hibbard, Spencer, Bartlett & Co., wholesale hardware, cutlery, tin plate, woodenware, paints, oils, etc., 303 N. State Street Bridge, Chicago, Ill.
Hibbard, W. E., Mfg. Co., machsts., 79 Washingotn, B'klyn, N. Y.
Hibben & Co., steel plate wks., 9376 Ewing av, Chicago, Ill.
Hibberd Brick Co., Kearney, Neb.
Hibbs, E. A., cupolas, range boilers, expansion tanks, etc., Bread & Quarry, Philadelphia, Pa.
Hibbs, H. C., architect, F. & F. Nat'l. Bank Bldg., Nashville, Tenn.
Hibbs Hardware Co., Portsmouth, Ohio.
Hibner-Hoover Hardware Co., Dubois, Pa.
Hickerson Roller Mill Co., flour, Grantsburg, Wis.
Hickey & Baker, cornices & skylights, Englewood, N. J.
Hickey Bros., contractors, Railway Exch. Bldg., St. Louis, Mo.
Hickey Contracting Co., 841 B'way, New York.
Hickey Fdry. Co., Buffalo, N. Y.
Hickey M. F. Co., stone prod., 83 9th, Brooklyn, N. Y.
Hickey, M. H., arch'l iron, 36 W. Randolph, Chicago, Ill.
Hickey, Michael & Co., boot & shoe counters, Haverhill, Mass.
Hickey & Schneider, electrical specialties, Elizabeth, N. J.
Hickler Bros., contractors, Sault Sainte Marie, Mich.
Hickman, C. F., architect, Columbus, Ga.
Hickman, Charles L., architect, Clarksburg, W. Va.
Hickman, Franklin P., machsts, Wilmington, Del.
Hickman Milling Co., flour, Hickman, Tenn.
Hickman, V. Q., steam fitters' supls., Union Bk. Bldg., Pittsburgh, Pa.
Hickman Wagon Co., Hickman, Ky.
Hickman, Williams & Co., Coke Mfrs., Ferro-Phosphorus, Louisville, Ky.
Hickmott, R., Canning Co., 320 California, San Francisco, Cal.
Hickok Const. Co., grain elev. bldrs., 818 Flour Exch., Minneapolis, Minn.
Hickok Electric Instrument Co., shunt ammeters, 10514 Dupont, Cleveland, Ohio.
Hickok, Horatio, Co., lbr. & packing box mfrs., Burlington, Vt.
Hickok Mfg. Co., belt buckles, 299 State, Rochester, N. Y.
Hickok, W. O., Mfg. Co., bookbinders mach., Harrisburg, Pa.
Hickory Carriage Co., Sp. Grove av. & Rawson, Cincinnati, Ohio.
Hickory Gas Mantle Mfg. Co., University & Griggs, St. Paul, Minn.
Hickory Handle & Mfg. Co., Conover, N. C.
Hickory Lbr. Co., Danielsville, Pa.
Hickory Mfg. Co., sashes, doors & blinds, Hickory, N. C.
Hickory Novelty Co., sashes, doors & blinds, Hickory, N. C.
Hickory Run Mfg. Co., cooperage, Allentown, Pa.
Hickory Steel Grip Glove Co., 2418 Diversey av, Chicago, Ill.
Hicks, A. C., contractor, Cole Brook, N. H.
Hicks, A. P., paint mfr., Phelps, N. Y.
Hicks, Burt, mach. & fdr., Portland, Ore.
Hicks, C. W., machst. & fndr., Lynchburg, Va.
Hicks Co., Ltd., masons' & bldrs.' matls., Shreveport, La.
Hicks & Harper, architecs, Florence, S. C.
Hicks, Harry, machsts & fndrs., North Vernon, Ind.
Hicks, Howard W., Co., Auto Washing Brushes, Denver, Colo.
Hicks, J. C., Sheet Metal Works, cornices & skylights, Knoxville, Tenn.
Hicks, J. Howard, architect, Ariel bldg, Erie, Pa.
Hicks, Jas. L., engines, tools, etc., 967 Howard, San Francisco, Cal.
Hicks, Jewell, architect, Durant, Okla.
Hicks, John H., lbr., Avondale, Pa.
Hicks, S. D., & Sons, cornices & skylights, 9 Bowker, Boston, Mass.
Hicks, W. R., contractor, Elwood, Ind.
Hicks, Wm. Mather, gold pens, 235 Greenwich, New York.
Hickson Lbr. Co., Lynchburg, Va.
Hickson-Rogers Mfg. Co., dowel pins, spokes, etc., Paragould, Ark.
Hickson, Stephen A., gold leaf, 559 Broome, New York.
Hicksville Handle Co., Three River, Mich.
Hico Milling Co., flour, Burlington, N. C.
Hico Oil Mill, meal, Hico, Tex.
Hidalgo Steel Co., 253 B'way, New York.
Hidden Otis Co., wholesale hardware, Louisville, Ky.
Hide & Leather, trade publication, 136 W. Lake, Chicago, Ill.
Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
Hide & Leather Working Mach. Co., 4215 Meinecke av, Milwaukee, Wis.
Hieatt, F. L., Brick & Tile Co., San Diego, Cal.
Hieb Box Mfg. Co., dowels, handles, etc., Merrill, Wis.
Hiener Hardware Co., Wheeling, W. Va.
Hieronymus, C. H., lbr. mfrs., Monica, Ky.
Hierspiel Bros., cornices, Peoria, Ill.
Hiertz, Theo., Metal Co., Alaska & Tesson, St. Louis, Mo.
Hiestand & Co., masons' & bldrs.' matls., Salunga, Pa., & Eaton, Ohio.

Higbee, Wilbur S., contractor, Atlantic City, N. J.
Higbie Oats Cleaner Co., 2036 N. Clybourn, Chicago, Ill.
Higbie, R. W., Co., lbr., New Bridge, N. Y.
Higby, Gilbert C., architect, 207 Market, Newark, N. J.
Higganum Hardware Co., Higganum, Conn.
Higgin Mfg. Co., hardware, buttons, etc., Newport, Ky.
Higginbotham & Knapp, architects, Charleston, W. Va.
Higgins, A. G., Lbr. & Export Co., Whitney bldg., New Orleans, La.
Higgins, Alvah E., dowels, Jamaica, Vt.
Higgins, Chas. H., architect, 19 W. 44th St., New York.
Higgins, Chas. M., & Co., mucilage, paste and ink mfgs., 271 9th, Brooklyn, N. Y.
Higgins & Co., machsts. & fndrs., Holyoke, Mass.
Higgins Dental Mfg. Co., Bellevue, Ohio.
Higgins, E. L., architect, 95 Exchange, Portland, Me.
Higgins, F. J., 154 W. Randolph, Chicago, Ill.
Higgins, Frank B., metal doors, 203 N. 12th, St. Louis, Mo.
Higgins, G. F., Co., heating contrs., Wabash Bldg., Pittsburgh, Pa.
Higgins, J. F., & Co., cornices, 5751 Eastern av, St. Louis, Mo.
Higgins, J. H., Co., scrap iron, 198 Globe, Providence, R. I.
Higgins, J. J., contractor, 349 Main, Worcester, Mass.
Higgins, J. T., & Co., furniture, Dept. H, Athol, Mass.
Higgins, Jas., brick, Marshall, Tex.
Higgins, John C., machsts., 812 W. Kinzie, Chicago, Ill.
Higgins, Joseph I., architect, Borden Blk., Fall River, Mass.
Higgins-Jung Kleinau Co., stone & granite producers, Bloomington, Ill.
Higgins Lbr. Co., 423 6th, San Francisco, Cal.
Higgins, M. C., contrs., Terre Haute, Ind.
Higgins Machinery Co., belt clamps, Seattle, Wash.
Higgins, Olstin M., architect, Hyde Park, Boston & Attleboro, Mass.
Higgins, Ralph B., architect, 19 W. 44th, New York.
Higgins, Robt., contractor, 4642 Lancaster av, Philadelphia, Pa.
Higgins, Robt. J., lubrg. oils, Albany, N. Y.
Higgins Spring & Axle Co., Racine, Wis.
Higgins Stone Co., Bellevue, Ohio.
Higgins, Thos. H., contractor, Glen Ridge, N. J.
Higgins, W. R., sash, door & blind, Chelan, Wash.
Higgins, W. S., contractor, Newtonville, Mass.
Higgins, Wm., Dry Docks & Marine Rys., Bayonne, N. J.
Higgins, Wm. E., architect, Santa Clara, Cal.
Higginson-Gibson Mfg. Co., sockets, 76 Atherton, Boston, Mass.
Higginson Mfg. Co., cements, mortar, plaster, etc., Newburgh, N. Y.
Higginson, Wm., architect, 186 41st, New York.
Higginsville Milling Co., flour, Higginsville, Mo.
Higgs, P. F., architect, Pomona, Cal.
High Falls Mfg. Co., flour, High Falls, N. C.
High Falls Pulp & Paper Co., Chateaugay, N. Y.
High Point Brick Co., High Point, N. C.
High Point Buggy Co., High Point, N. C.
High Point Furn. Co., Dept. H, High Point, N. C.
High Point Lbr. Co., Dept. H, High Point, N. C.
High Point Metallic Bed Co., High Point, N. C.
High Point Mill Co., lumber, High Point, Wash.
High Point Milling Co., flour, High Point, N. C.
High Point Veneer & Panel Co., High Point, N. C.
High Shoals Co., cotton sheetings, Charlotte, N. C.
High Shoals Mfg. Co., cotton sheetings, High Shoals, Ga.
High Speed Engine Corp., marine engines, 9 Clinton, Newark, N. J.
High Speed Hammer Co., Inc., riveting machines, 313 Norton, Rochester, N. Y.
High Speed Metallic Packing Co., 115 E. S. Water, Chicago, Ill.
High Speed Tools Corp. See U. S. High Speed Steel & Tool Corp.
High Tension Elec. Spec. Co., cut out hangers & arc lamp insulators, Newton, Mass.
High, W. M., architect, Reading, Pa.
Highby, H. A., lumber mfrs., Willsboro, N. Y.
Highfield, John W., chemicals, 248 N. 10th, Brooklyn, N. Y.
Highgate Mfg. Co., brass fndrs., Highgate, Vt.
Highhouse's, E., Sons, brick, Warren, Pa.
Highland Body Mfg. Co., carriage bodies & seats, Center Hill av & C. H. & D. R. R., Elmwood, Cincinnati, Ohio.
Highland Chemical Products Co., cast iron pipe coatings, Connellsville, Pa.
Highland Cherry Farm Co., canned, Clyde, Ohio.
Highland Coal Co., masons' & bldrs. matls., Somerville, Mass.
Highland Coal & Lbr. Co., Davidson, Tenn.
Highland Cordage Co., Hickory, N. C.
Highland Electro Chemical Mfg. Co., soldering flux, Connellsville, Pa.
Highland Engraving Co., 256 Sherman, Passaic, N. J.
Highland Fndrs. & Mach. Co., Somerset, Pa.
Highland Glass Co., Washington, Pa.
Highland Iron & Steel Co., Terre Haute, Ind.
Highland Knitting Mill, knitted gloves, Highland, N. Y.
Highland Machine Co., 56 Kemble, Rox, Boston, Mass.
Highland Mfg. Co., tablets & pads, Holyoke, Mass.
Highland Milk Condensing Co., Elkland, Pa.
Highland Mill Co., flour, Willette, Tenn.
Highland Milling Co., flour, Highland, Ill.
Highland Oil Co., gasoline, Clarion, Pa.
Highland Orchards Co., canned goods, Highland, N. Y.
Highland Paper Co., Johnsonburg, Pa.
Highland Park Mfg. Co., meal, cottonseed, Charlotte, N. C.
Highland Slate Co., roofing slate mfrs., Slatedale, Pa.
Highland Stone Co., Olive Hill, Ky.
Highland Worsted Mills, sweaters, etc., Camden, N. J.
Highlander Machine Co., washing machines, Spencerport, N. Y.
Highlands Fire Clay Co., Mackind & Berthold av., St. Louis, Mo.
Highton, Wm., & Sons Co., builders' & cabinet hardware, brass bronze & iron castings, mfrs., Nashua, N. H.
Hightower Box & Tank Co., Atlanta, Ga.
Hightower Planing Mill, Cedartown, Ga.
Highway Engng. & contr., trade publication, Monadnock bldg., Chicago, Ill.
Highwood Mfg. Co., masons' & bldrs.' matls., Highwood, Ill.
Higley Mach. Co., Croton Falls, N. Y.
Higley, W. C., bldg. contr., Branford, Conn.
Higman, John W. Co., china clays, flint pebbles, chalk, 29 Broadway, New York.
Higrade Belting & Weaving Co., woven cotton, Paris, Newark, N. J.

Higrade Motor Co., Harbor Springs, Mich.
Higrade Slate Co., roofing, Granville, N. Y.
Hihn, F. A., Co., Lbr. Mfrs., Santa Cruz, Cal.
Hilb & Bauer, scrap iron & steel, Union Tr. Bldg., Cincinnati, O.
Hilb, L., Smelting & Refining Co., 1250 W. 8th, Cincinnati, Ohio.
Hilbert Mach. Co., radial drills, 2116 Colerain av, Cincinnati, Ohio.
Hild Canning Co., Pierre, S. D.
Hild, Edward G., architect, 58 W. Washington, Chicago, Ill.
Hildbrandt, Frank, contractor, Houghton, Mich.
Hildebrand, A. M., contractor, Wilkes-Barre, Pa.
Hildebrand Buggy & Auto Co., carriages, Terre Haute, Ind.
Hildebrand, E. H., architect, 68 Post, San Francisco, Cal.
Hildebrand, Fred, contractor, Forest Home av, Milwaukee, Wis.
Hildebrandt, John J., Co., fishing tackle, Logansport, Ind.
Hildebrandt Provision Co., meat packers, 3620 Clark av, Cleveland, Ohio.
Hildred, John W., & Co., mill & factory supplies, St. Paul, Minn.
Hildreth & Beckman, architects, 311 W. 17th, Cincinnati, Ohio, & First Natl. Bk. Bldg., Covington, Ky.
Hildreth Bros., machsts. & fdrs., Harvard, Mass.
Hildreth & Co., testing laboratories, 15 Broad, New York.
Hildreth Granite Co., 31 State, Boston, Mass.
Hildreth, H. V., granite, Graniteville, Mass.
Hildreth, Herbert L., Co., confectioners' machy., 67 Batterymarch, Boston, Mass.
Hildreth Iron Wks., Hildreth, Neb.
Hildreth, J. D., & Son, contractors, 514 Elm, New Haven, Conn.
Hildreth Varnish Co., 90 West, New York.
Hilf Bros., contractors, 9½ Norton, Pittsburgh, Pa.
Hilfinger Bros., plow clamps, potteries, etc., Fort Edward, N. Y.
Hilgard Lumber Co., Houston, Texas.
Hilgartner Marble Co., 223 N. Charles, Baltimore, Md.
Hilgeman, Henry, contractor, Fort Wayne, Ind.
Hilgen Mfg. Co., lumber, Cedarburg, Wis.
Hilgen, Wm. F., architect, Cedarburg, Wis.
Hilgendorf, C. F., whol. hdwe., 303 3rd, Milwaukee, Wis.
Hilker Bros. Brick Mfg. Co., Racine, Wis.
Hilker, Charles, & Sons, lbr., Fort Wayne, Ind.
Hilker, H. A., brick, Racine, Wis.
Hilkert, A. B., contractor, Geneva, N. Y.
Hill, A. E., Mfg. Co., machsts. & fdrs., Atlanta, Ga.
Hill, A. R., & Co., masons' & blds.' matls., Willoughby, Ohio.
Hill, Arthur, & Co. (Ltd.), lbr. mfrs., Saginaw, Mich.
Hill, Arthur E., architect, 75 Westminster, Providence, R. I.
Hill, Behan Lbr. Co., 6500 Page, St. Louis, Mo.
Hill & Bosley, fndrs., Winchendon, Mass.
Hill Bros. & Co., turned wood novelties, Williamsburg, Mass.
Hill Brunner Fdry. Supply Co., see Hill John Fdry. Supply Co. (successors).
Hill Button Wks., 230 W. 17th, New York.
Hill, C. V., & Co., refrigerators, stove trucks, etc., Trenton, N. J.
Hill, C. W., masons' & bldrs.' matls., Walden, N. Y.
Hill, C. W., Chemical Co., 623 S, San Pedro, Los Angeles, Cal.
Hill-Canton Dryer Co., Canton, Ohio.
Hill City Machine Shop, Rome, Ga.
Hill-Clarke & Co., Inc., machy. dlrs., 156 Oliver, Boston, Mass., and 625 Washington blvd, Chicago, Ill.
Hill, Clemens F., carriages, Easton, Pa.
Hill, Clinton M., architect, 50 E. 42nd, New York.
Hill Clothes Dryer Co., clothes dryer & ash sifter mfrs., 40 Central, Worcester, Mass.
Hill Clutch Co. (The), friction clutches, W. 65th, Cleveland, O.
Hill, Curtis, Co., saw mill machy., Kalamazoo, Mich.
Hill & Cutler, cotton waste, 176 Federal, Boston, Mass.
Hill, Dan L., machsts., Keene, N. H.
Hill & Dixon Co., cotton waste, Hearst Bldg., Chicago, Ill.
Hill Dredging Co., Atlantic City, N. J.
Hill-Drummond Lbr. Co., Saginaw, Mich.
Hill, E. W., wagons, dumping, 24 Pollock av, Jersey City, N. J.
Hill, Edwin M., lumber mfgs., 2601 Penn av, Pittsburgh, Pa.
Hill & Evans, cornices, Nanticoke, Pa.
Hill, F. H., Co., coffins, etc., 944 Wash'n blvd, Chicago, Ill.
Hill, Mrs. Florence M., architect, 202 W. 74th, New York.
Hill, Frank E., architect, Empire Bldg., Detroit, Mich.
Hill, Frank L., masons' & bldrs.' matls., Danville, Ill.
Hill, Geo., architect, 25 Church, New York.
Hill, Geo., arch'l engrs., 31 E. 27th, New York.
Hill, Geo. H., architect, Bluefield, W. Va.
Hill, Geo. Q., Co., metal nov. & spec., nuts, screws, etc., 37 Wellington av, Framingham, Boston, Mass.
Hill, Geo. W., masons' & bldrs.' matls., Rockville, Conn.
Hill, Geo. W., & Sons, stone producers, Pittsburgh, Kans.
HILL & GRIFFITH CO. (THE), foundry supplies, 1248 State av, Cincinnati, Ohio, and Birmingham, Ala.; Chicago, Ill.; *See adv index at end of book.*
Hill Hdwe. & Paint Co., mill & facty. supplies, Nashua, N. H.
Hill, Harry A., architect, 40 E. State, Trenton & Princeton, N. J.
Hill, I. Edgar, architect, Geneva, N. Y.
Hill, I. H., architect, Perkins bldg., Tacoma, Wash.
Hill-Independent Mfg. Co., copying baths, Adams & Emerald, Philadelphia, Pa.
Hill Insulating & Mfg. Co., plugs, 511 W. 42nd, New York.
Hill, J. C., Lumber Co., Houston, Texas.
Hill, J. H., & Sons, line tags, Coventry, R. I.
Hill, J. R., architect, Winston-Salem, N. C.
Hill, Jas., Mfg. Co., cans, tin cylinders, stovepipe mfrs., etc., 52 Westfield, Providence, R. I.
Hill, John Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.
Hill, John, Fdry. Supply Co., 637 Evans, Cincinnati, Ohio.
Hill & Karnes Brick Co., Paducah, Ky.
Hill & Langstroth, hdwe. mfrs., 79 Beekman, New York.
Hill, Lodowick J., Jr., architect, Atlanta Nat. Bk. Bldg., Atlanta, Ga.
Hill Logging Co., Bunker, Wash.
Hill, M. B., Mfg. Co., lathe dogs, Worcester, Mass.
Hill Mfg. Co., auto. seats, tops, wooden bodies & windshields, 23 Fuller, Buffalo, N. Y.
Hill Mfg. Co., cotton sneetings, Lewiston, Me.
Hill Mfg. Co., machinist, New Madison, Ohio.
Hill Mfg. Co., radiator shields, 2127 Railway Exchange Bldg., St. Louis, Mo.
Hill, Martin & Hill, cornices & skylights, Independence, Mo.
Hill, N. N., Brass Co., bell founders, gongs, toys, etc., East Hampton, Conn.
Hill, Norman H., architect, 601 Lombard, Indianapolis, Ind.
Hill, Peter W., contractor, 97 Proctor, Boston, Mass.
Hill Pump Valve Co., 4001-21 Belmont ave, Chicago, Ill.
Hill, Richard F., Mfg. Co., sporting goods, 219 High, Newark, N. J.
Hill, Robt. H., architect, Ambridge, Pa.
Hill Rubber Heel Co., Elyria, Ohio.
Hill, S., & Son, cornices & skylights, Santa Ana, Cal.
Hill, Samuel, Hardware Co., Prescott, Ariz.
Hill-Smith Metal Goods Co., for automobiles, 82 Brookline av, Boston, Mass.
Hill-Standard Mfg. Co., crank turning device, etc., Anderson, Ind.
Hill & Stout, architects, 299 Madison av, New York.
Hill, Thomas, common brick, Edgar, Wis.
Hill, Thos., machsts., Bridgeport, Ohio.
Hill-Thomas Lime & Cement Co., masons' & bldrs.' matls., East St. Louis, Ill.
Hill, W. C., flour mills, Dandridge, Tenn.
Hill, W. H., cornices & skylights, Marlboro, Mass.
Hill, W. H., elec. fixtures, Cambridge Springs, Pa.
Hill, W. V., stone, Morton, Pa.
Hill, Walter E. & Co., htg. contrs., 203 N. Liberty, Baltimore, Md.
Hill, Wm. C., churns, wood pumps, Brasher Falls, N. Y.
Hill, Wm. D., architect, Pottsville, Pa.
Hill, Wm. F., contractor, Superior, Wis.
Hill, Wm. J., struct'l slate, 70 Wall, New York.
Hilland, W., mach. & fdr., Greensburg, Ind.
Hillard, C. J. Co., ornamental iron, 19th & Minnesota, San Francisco, Cal.
Hillard, W. B., architect, 366 5th av, New York.
Hillen, Frank, cornices & skylights, Burlington, Ia.
Hillen Mfg. Co., mchsts. & fndrs., Louisville, Ky.
Hillenbrand Co., lbr., Batesville, Ind.
Hillenbrand, Edw. F., glass stainers, 257 W. 29th, New York.
Hiller, J. G., cardboard megaphone, 112 N. 4th av, Louisville, Ky.
Hillerich & Bradsby Co., golf clubs, sporting & athletic goods mfrs., 725 S. Preston, Louisville, Ky.
Hilles & Jones Co., machine tools, punching & shearing machy., etc., E. Wilmington, Del. *See adv index at end of book.*
Hillger, Samuel E., architect, Seward blk, Auburn, N. Y.
Hillgreen, Lane & Co., organs, Alliance, Ohio.
Hillhouse & Taylor, masons' & bldrs.' matls., Willimantic, Conn.
Hilliard Clutch & Machinery Co., clutches, etc., Elmira, N. Y.
Hillick, James, Co., contrs., Ithaca, N. Y.
Hillier's, R., Son Co., see Anderson-Hillier Co., Inc. (successors).
Hilliker, C. M., & Sons, machsts. & fndrs., Akron, Ia.
Hillinger, R. J., & Co., fountain pen mfrs., 10 S. Wabash av, Chicago, Ill.
Hillis, J. W., & Son, machsts. & fndrs., Ladoga, Ind.
Hillje Bros., fertilizer mfrs., Weimar, Tex.
Hillman Auto Supply Mfg. Co., auto windshields, 98 Massachusetts av, Boston, Mass.
Hillman, Chas. L., & Son, architects, Provident Bldg., Phila., Pa.
Hillman Coal & Coke Co., 1st. Natl. Bank bldg, Pittsburgh, Pa.
Hillman, F. G., mill & facty. supplies, New Bedford, Mass.
Hillman, Jos., machy. dlrs., Minneapolis, Minn.
Hillmann, Gustav F. C., naval architects, 470 Green av, Brooklyn, N. Y.
Hillock & Pitman Co., wood handles, Logansport, Ind.
Hills, Alfred L., contractor, Hartford, Conn.
Hills, Chas. L., machy. dlrs., Wheeling, W. Va.
Hills, Charles W., 1523-33 Monadnock bldg, Chicago, Ill. *See adv index at end of book.*
Hill's, Edw., Sons & Co., antimony, oils, soda ash, etc., 64 Wall, New York.
Hills, Edwin, saddlery hardware, shovels, trowels, etc., Plainville, Conn.
Hill's, F. J., Sons, machsts., 6 Howard, New York.
Hills, F. O., machsts. & fndrs., Milroy, Ind.
Hills, McCanna Co., castings, pumps, etc., 2025 Elston av, Chicago, Ill.
Hills, Robt. E., see Hills, McCann Co. (successors).
Hillsboro Brick & Tile Co., Hillsboro, Ill.
Hillsboro Coal Co., Hillsboro, Ill.
Hillsboro Condensed Milk Co., canned, Hillsboro, Wis.
Hillsboro Cotton Mills, Hillsboro, Tex.
Hillsboro Dredging Co., Tampa, Fla.
Hillsboro Hdwe. Lbr. Co., Hillsboro, Wis.
Hillsby & Perkins, contractors, 1825 Sansom, Philadelphia, Pa.
Hillsdale Granite Co., Roslyn, Pa.
Hillsdale Plow Co., fndrs., Hillsdale, N. Y.
Hillsdale Screen Co., Hillsdale, Mich.
Hillside Canning Co., Port Townsend, Wash.
Hillson, Hyman M., ovens, Somerville, Mass.
Hilltop Pure Food Co., Ltd., canned goods, Pittsburgh, Pa.
Hillview Shingle Co., Montesano, Wash.
Hillyard Lbr. Co., Hillyard, & Lake City, Wash.
Hillyard Mfg. Co., disinfectants, St. Joseph, Mo.
Hilo Gum Co., vending mach., 1516 W. Van Buren, Chicago, Ill.
Hilo Varnish Corp., enamels, japan lacquer, etc., Marcy & Flushing avs, Brooklyn, N. Y.
Hils, Chas. L., Co., scrap iron, rubber, 832 Reedy, Cincinnati, O.
Hilsenbeck, H. C., mill & facty. supplies, Greeley, Ia.
Hiltebrant, C., Dry Dock Co., Kingston, N. Y.
Hilton & Briggs, contractors, Battle Creek, Mich.
Hilton, J. D., canned goods, Fincastle, Va.
Hilton Hdwe. Co., Harrisonburg, Va.
Hilton Lbr. Co., Wilmington, N. C.
Hilton & Sadler, architects, Janesville, Wis.
Hilton, Sam'l, fndrs., Paterson, N. J.
Hilts, Wm. H., Co., cornices, 82 W. 3d, New York.
Hilts Wrench & Mfg. Co., boiler flue cleaners, Richford, N. Y.
Hilty, J. H., & Son, brick, Ada, Ohio.
Hilty, M., Lbr. Co., ft. 12th, Milwaukee Wis.
Hiltz, John, & Sons, contractors, 3 Clay, Baltimore, Md.
Hime, L. L., contr., Freeport, Ill.
Hime, J. R., Sand Co., sand producers, Junction City, Ga.
Himebaugh Bros., army cots, Jamestown, N. Y.
Himebaugh, C. M., architect, Astoria, Ore.
Himelblau, A. L., architect, 179 W. Washington, Chicago, Ill.
Himes, Albert, Coal Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Himmel, M. L., & Son, show cases, 113 Gay, Baltimore, Md.
Himmelberger-Harrison Lumber Co., Cape Girardeau, Mo.
Himmelien & Bailey, belting mfrs., 248 Chestnut, Phila., Pa.
Himoff Mach. Co., mills, Astoria, Long Island, N. Y.
Hinamon, D. M., stone producers, Marion, Ohio.

Hincher Mfg. Co., folding chairs, garment hangers, Washington, Ind.
Hinchey, Patrick F., & Co., slate mill stock, tubs, mantels, etc., Hydeville, Vt.
Hinchliff, Geo., Co., contractors, 189 W. Madison, Chicago, Ill.
Hinchliff Lumber Co., Galesburg, Ill.
Hinchman, E. G., Co., htg. contrs., 1263 Atlantic av, Brooklyn, N. Y.
Hinchman & Pilat, architects, 52 B'way, New York.
Hinchman-Renton Fireproofing Co., Denver, Colo.
Hinckey, Jos. F., architects, Savings Bank Bldg., Ithaca, N. Y.
Hinckley, Chas. C., machsts., Aurora, Ill.
Hinckley-Dwight Lbr. Co., Gest & Dalton, Cincinnati, Ohio.
Hinckley Fibre Co., Hinckley, N. Y.
Hinckley, H. M., architect, Vineyard Haven, Mass.
Hinckley, Henry N., architect, Savings Bk. Bldg., Ithaca, N. Y.
Hinckley Machine Works, milling mach. attachments, Hinckley, Ill.
Hinckley, W. R., architect, Bluehill, Me.
Hincks, Jos. L. S., caskets, coffins, etc., Old Town, Me.
Hind, Thos. J., contractor, 49 Milk, Boston, Mass.
Hinde Brick & Tile Co., Sandusky, Ohio.
Hinde & Dauch Paper Co., Sandusky, Ohio.
Hindee, Franklin, architect, Union Trust bldg, Prondere, R. I.
Hinderer's Iron Wks., machsts., 118 Camp, New Orleans, La.
Hindle, Walter E., machst., 149 Lafayette, New York.
Hindley, Edwin B., & Co., mill & facty. supplies, Paterson, N. J.
Hindley Gear Co., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book.
Hindley Mfg. Co., screw eyes, cotters, keys, etc., Valley Falls, R. I.
Hindley & Pendleton Co., riveted pipe, etc., 74 Greenpoint av, N. Y.
Hinds & Coon, mill & facty. supplies, 126 Pearl, Boston, Mass.
Hinds, J. A., & Co., flour mills, Rochester, N. Y.
Hinds, Thomas, Co., machsts. & fndrs., Malone, N. Y.
Hine Bros., mfrs. of colors & dyes, 80 Maiden lane, New York.
Hine Bros. Co., soap, fertilizer mfrs., 4023 S. Ashland av, Chicago, Ill.
Hine, Cicero, architect, 3221 Broadway, Chicago, Ill.
Hine Concretetile Co., Grand Rapids, Mich.
Hine-Watt Mfg. Co., auto lamps, track jacks, gasoline blow torches, 180 N. Market, Chicago, Ill.
Hineline, J. M., & H. H., contrs., Freeport, Ill.
Hiner, Lewis E., architect, Gary, Ind.
Hines Bros. Lbr. Co., lumber mfrs., Kinston, N. C.
Hine, C. C., & Co., patent attorneys, Washington Loan & Trust bldg, Washington, D. C.
Hines, Edward, Lumber Co., sash, door & blind mfrs., 2431 Lincoln, Chicago, Ill.
Hines, Frank H., contractor, 128 W. 124th, New York.
Hines, Frank, Jr., lumber, Ellsworth, Wis.
Hines, Frank & Son, contrs., Muncie, Ind.
Hines, H. C., & Co., cornices, 354 Humboldt av, Detroit, Mich.
Hines Lbr. Co., Rutherfordton, N. C.
Hines & Ritchey, coppersmiths, Louisville, Ky.
Hingley, J. A., Mach. Co., Denver, Colo.
Hinkel, J. K., Mfg. Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.
Hinkle, E. P., & Co., mattresses, 488 Maine av, S. W., Washington, D. C.
Hinkle, H. G., Inc., contractor, Altoona, Pa.
Hinkle Iron Co., 534 W. 56th, New York.
Hinkson Bros., machsts., East Brook, Pa.
Hinman, Clarence G., architect, McKnight Bldg., Minneapolis, Minn.
Hinman, D. A., & Co., machsts. & fndrs., Sandwich, Ill.
Hinman Milking Mach. Co., Oneida, N. Y.
Hinner's, E. H., Sons, masons' & bldrs.' matls., Edgewater, N. J.
Hinners Organ Co., Pekin, Ill.
Hinsdale, Reynold H., architect, Erie Bldg., Cleveland, Ohio.
Hinsdale Woolen Mills, Hinsdale, Mass.
Hinsdill Elec. Co., fixtures, Troy, N. Y.
Hinshaw, J. M., & Co., flour Yadkinville, N. C.
Hinshaw, S. T., & Co., flour, Yadkinville, N. C.
Hinsman Machine & Tool Co., builders of special machinery tools, etc., Westfield, Mass.
Hinson, C., & B. Co., auto. belts, 1511 Chase, Cincinnati, Ohio.
Hinson, C., & Co., turpentine, Williston, Fla.
Hinton, Fdry., Mach. & Plumbing Co., Hinton, W. Va.
Hinton Milling Co., flour, Hinton, W. Va.
Hinton, W. C., contractor, Cordele, Ga.
Hintz Mfg. Co., molds, rubber & machy., etc., 1108 S. Kilbourn, Chicago, Ill.
Hinz, Albert, cornices, 403 E. 16th, New York.
Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
Hipolito Screen & Sash Co., Los Angeles, Cal.
Hippey, Edw., mach. & fndr., Portland, Ore.
Hipple Planing Mill Co., sash, door & blind mfrs., Lock Haven, Pa.
Hipple, W. B., machst., San Pedro, Cal.
Hipskind, Alois F., contractor, Wabash, Ind.
Hipskind, Chas., contr., Wabash, Ind.
Hipskind, Geo. C., contr., Wabash, Ind.
Hipskind Heating & Plumbing Co., Wabash, Ind.
Hipskind, John F., contractor, Richmond, Ind.
Hipskind, Philip, & Son, contrs., Huntington, Ind.
Hipwell, Chas. G., cornices & skylights, Davenport, Ia.
Hipwell Mfg. Co., dry batteries, lamp guards, etc., 831 North W. av, Pittsburgh, Pa.
Hiram Co-operative Canning Ass'n., Hiram, Me.
Hire Stave & Tile Co., cooperage stock, Mark Center, Ohio.
Hires Condensed Milk Co., Drexel Bldg., Philadelphia, Pa.
Hires, Turner Glass Co., 30th & Walnut, Philadelphia, Pa.
Hirons, F. C., architect, 22 S. Michigan av, Chicago, Ill.
Hirons, J. A., architect, Dover, Del.
Hirsch, Adolph, & Co., crude rubber, 63 Park Row, New York.
Hirsch Bros., agricultural implmts, 267 Reed, Milwaukee, Wis.
Hirsch Bros. & Co., canned goods, Louisville, Ky.
Hirsch Bros. Co., canned goods, Pittsburgh, Pa.
Hirsch Bros.' Mer. & Prov. Co., meat, Cape Girardeau, Mo.
Hirsch, Cal., & Son, Mercantile Co., machinery dealers, 300 S. Broadway, St. Louis, Mo.
Hirsch Cooperage Co., Houston, Tex.
Hirsch Cotton & Linter, cottonseed linters, Macon, Ga.
Hirsch, D., & Bro., canned goods, Milford, Del.
Hirsch Elec. Mine Lamp Co., 314 N. 12th, Phila., Pa.
Hirsch, G., & Co., scrap iron, etc., 437 Prospect, Cleveland, O.
Hirsch, G., & Co., scrap iron, etc., Cleveland, Ohio.
Hirsch, G., Sons, silk fringes, 890 Broadway, New York.
Hirsch, H. O., contractor, Wainwright Bldg., St. Louis, Mo.
Hirsch, I. L., cornices & skylights, Tacoma, Wash.
Hirsch, John, smoking pipes, 524 S. Spring, Los Angeles, Cal.
Hirsch, K., cornices, 2016 W. Division, Chicago, Ill.
Hirsch, L. C., & Co., tin plate, metals, etc., 220 W. 19th, New York.
Hirsch, Leo. H., & Co., buttons, 300 E. 22d, New York.
Hirsch, Louis, knitting machs., 220 5th av, New York.
Hirsch Lbr. Co., 26 Beaver, New York.
Hirsch, Max, architect, 391 Fulton, Brooklyn, N. Y.
Hirsch Rolling Mill Co., Ecoff & Manchester, St. Louis, Mo.
Hirsch & Schoneld, brewers & supplies, 76 Greenwich, New York.
Hirsch & Spitz Mfg. Co., mattresses, Atlanta, Ga.
Hirschberg, Chas. A., Inc., advertising counsellors, 150 Nassau, New York.
Hirschberger, H., Co., cornices & skylights, Portland, Ore.
Hirschfeld, A., soap, Winona, Minn.
Hirschfelder, Chas. M., architect, 62 State, Rochester, N. Y.
Hirschfelder & Meaney, trunks, 36 Battery, San Francisco, Cal.
Hirschfeldt, Jules, & Co., chemicals, dyes, etc., 154 Nassau, New York.
Hirschfield, H., & Son, scrap iron, Bay City, Mich.
Hirchfield, Leo. S., architect, 139 N. Clark, Chicago, Ill.
Hirschfields, Theo., Sons Co., contractors, 1036 Straight, Cincinnati, Ohio.
Hirschl & Bendheim, smoking pipes, Washington, Mo.
Hirschman, J. C., Co., mattresses, 1201 E. Maryland, Indianapolis, Ind.
Hirschman, W. F., Inc., ventilator mfrs., 92H Main, Buffalo, N. Y.
Hirschorn, Schoenberger & Krieger, arch'l iron, 608 E. 133d, New York.
Hirschy Co., washing mach., Minneapolis, Minn.
Hirsh, Leon, & Son, ammonia, potash, etc., 368 Greenwich, New York.
Hirsh & Schofield, brewers' & malsters' machy & supplies, 50 Broad, New York.
Hirshberg Paint Co., paint mfrs., 106 W. Pratt, Baltimore, Md.
Hirshfeld, Herman, pearl buttons, New Milford, N. J.
Hirshtein, J. M., architect, 5777 De Giverville, St. Louis, Mo.
Hirst & Begley Linseed Co., 2013 Mendel, Chicago, Ill.
Hirt Bros., cornices, 2013 Elm, Cincinnati, Ohio.
Hirth, F. H., stone producers, Grand Rapids, Mich.
Hiscox, Jas. A., architect, Norwich, Conn.
Hisey-Wolf Mach. Co., mach. tools, Cincinnati, Ohio.
Hislop, Jas. W., machsts, Troy, N. Y.
Hi-Speed Trailer Car, East Rochester, N. Y.
Hiss, Phillip, decorative architect, 452 5th av, New York.
Hiss & Weekes, architects, 452 5th av, New York.
Hist Potato Machinery Co., potato diggers, Alliance, Ohio.
Histand, H. H., architect, Doylestown, Pa.
Hitchcock, A. H., publisher, 508 S. Dearborn, Chicago, Ill.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Hitchcock F F., cornices & skylights, Woodbury, Conn.
Hitchcock Hardware Co., Watertown, Conn.
Hitchcock, L., canned goods, Eagle Harbor, N. Y.
Hitchcock, L. H., & Son, wholesale hdwe., Nashville, Tenn. (tr.)
Hitchcock, W. A., architect, Laramie, Wyo.
Hitchens, Chas. P., architect, Keenan Bldg., Pittsburgh, Pa.
Hitchings, Ben G., sash, door & blind mfrs., E. 34th nr. Av H., Brooklyn, N. Y.
Hitchings & Co., horticultural architects, Dept. H, Elizabeth, N. J.
Hitchings & Hitchings, architects, 953 Washington, Boston, Mass.
Hitchner & Bassett, masons' & bldrs'. matls., Woodstown, N. J.
Hitchner & Hitchner, cedar tree posts, etc., Sand Point, Idaho.
Hitchner Wall Paper Co., elec. wiring moldings, Camden, N. J.
Hite, W. W., & Co., mill & facty. supplies, 523 W. Main, Louisville, Ky.
Hiteshew & Co., masons' & bldrs.' matls., Chambersburg, Pa.
Hitners, Hy. A., Sons Co., scrap iron & steel, 4501 Richmond, Phila., Pa.
Hitz, C., Foundry Co., Girard, Kas.
Hitz, Chas., cornices, Providence, R. I.
Hitz, Chas. R., brass fndrs., Phila., Pa.
Hitzeroth, Edw., archl. iron, 3120 Market, Phila., Pa.
Hixon, Thomas, architect, 3 Park, Boston, Mass.
Hjermstad, J. M., machinist, Red Wing, Minn.
Hjorth Lathe & Tool Co., precision bench lathes, spring winding machs. & reamers, mfg., 27 School, Boston, Mass.
Hjorth, Wm., & Co., pliers & nippers, Jamestown, N. Y.
Hjul, Jas. H., contractors, California & Davis, San Francisco
H. K. H. Silk Co., Watertown, Conn.
H. K. Toy & Nov. Co., Indianapolis, Ind.
Hladik, J. C., architect, Monadnock blk., San Francisco, Cal.
H. & L. Mfg. Co., carbon brushes & magneto parts, 300 B'way, New York.
H. & N. Carburetor Co., 1675 Broadway, New York.
Hoadley, J., & Sons' Co., stone producers, Stinesville, Ind.
Hoadley Stone Co., Bloomington, Ind.
Hoag, C. F., Co., knitted gloves, Poughkeepsie, N. Y.
Hoag, D. F., & Co., engrs., Corn Exchange Bldg., Minneapolis, Minn.
Hoag Duster Co., Monticello, Ia.
Hoag & Houseman, cash, door & blind, Springport, Mich.
Hoag, Wm. M., masons' & bldrs.' matls., 120 Liberty, New York.
Hoagland, E. L., contractor, Portsmouth, Va.
Hoagland, G. A., & Co., masons' & bldrs.' matls., Omaha, Neb.
Hoagland, J. M., & Co., contrs., Sharon, Pa.
Hoagland-Thayer, Inc., automobiles & stor. battery trucks, 300 Washington, Newark, N. J.
Hoagland's, M., Sons' Co., mchsts. & fndrs., Rockaway, N. J.
Hoaglin, F. L., gasoline funnels, Waupaca, Wis.
Hoaglin Mfg. Co., fly killers, Waupaca, Wis.
Hoare, J., & Co., cut glassware, Corning, N. Y.
Hoban Brass Fdry. Co., Dayton, Ohio.
Hoban & Roach, contractors, South Bend, Ind.
Hobart Bros. Co., stor. battery charging sets, Troy, Ohio.
Hobart-Lee Tie Co., lumber, Springfield, Mo.
Hobart, Lewis P., architect, Crocker Bldg., San Francisco, Cal.
Hobart Mfg. Co., food choppers, etc., Troy, Ohio.
Hobart Mill & Elevator Co., flour, Hobart, Okla.
Hobaugh & Weiner, stone, Butler, Pa.
Hobbes, Jno. A., architect, Stewart Bldg., Utica, N. Y.

Hobbs, Clinton E., Co., chain, chain hoists & jack screw, 33 Pearl, Boston, Mass. *See adv. index at end of book.*
Hobbs Drain Tile Co., Hobbs, Ind.
Hobbs & Dunn, landscape archs, State Life Bldg., Indianapolis.
Hobbs Hardware Co., Raton, N. Mex.
Hobbs Mfg. Co., canned goods, Denton, Md.
Hobbs Mfg. Co., paper box machy., Worcester, Mass.
Hobbs, Raymond, architect, Pasadena, Cal.
Hobbs, Robt., Wall Paper Co., Hackensack, N. J.
Hobbs, W. H., Supply Co., cornices & mill & facty. supplies, Eau Claire, Wis.
Hobbs, Wall & Co., lumber, Fife Bldg., San Francisco, Cal.
Hobensack, Wm., machsts., Ivyland, Pa.
Hoberg, John, Co., paper & pulp mills, Green Bay, Wis.
Hoboken Bluestone Co., Hoboken, N. J.
Hoboken Paper Mill Co., Hoboken, N. J.
Hoboken Sanitary Co., sulphur candles, 249 Clinton av, W. Hoboken, N. J.
Hoboken White Lead & Color Works, Willow av & 14th, Hoboken, N. J.
Hobson & Co., agricultural implements, Easton, Pa.
Hobson-De Lone Co., Inc., advg. Signs, 15th & Wallace, Phila., Pa.
Hobson-Houghton & Co., steel, 83 Beekman, New York.
Hobson & Lawler Co., mill, facty. & plmbrs. supp., Lowell, Mass.
Hoch Bros., who. hdwe., Chicora, Pa.
Hoch, Hames Co., Hazelton, Pa.
Hoch, Oscar S., contractor, Allentown, Pa.
Hochenauer, Jos., machsts., Pueblo, Colo.
Hochgesand, A. M., & Sons, common brick, Jasper, Ind.
Hock, Chas., contractor, 180 Jessie, San Francisco, Cal.
Hockaday Co., paint mfrs., 1831 Carroll, Chicago, Ill.
Hockaday, E., & Co., who. hdwe., Kingfisher, Okla.
Hockenjos, J. J., Co., plate glass., 829 Broad, Newark, N. J.
Hockensmith Wheel & Mine Car Co., Penn. Station, Pa.
Hocker Bros., common brick, De Pere, Wis.
Hocker, E. W., & Co., contractors, Springfield, Ill.
Hockett, J. A., & Co., broom corn, Wichita, Kans.
Hocking Glass Co., opal & decorative, Lancaster, Ohio.
Hocking Valley Brick Co., Columbus, Ohio.
Hocking Valley Fire Clay Co., Nelsonville, O.
Hocking Valley Mfg. Co., agricultural implements, Lancaster, O
Hocking Valley Products Co., front brick mfrs. & colliery owners, Columbus, Ohio.
Hocking Valley Ry. Shops, mchsts. & fndrs., Columbus, Ohio.
Hockman, Maurice Allen, architect, Watertown, S. D.
Hockwald Chemical Co., liquid soap, disinfectants & insectitudes, 2211 Bush, San Francisco, Cal.
H-O Co., oatmeal, feed, etc., Buffalo, N. Y.
Hoctor, P., & Son, stone producers, Hudson, N. Y.
Hodapp Hominy Co., Seymour, Ind.
Hodapp & Miller, harness, saddles & strap wk. mfrs., Louisville, Ky.
Hodder Constr. Co., Braddock, Pa.
Hoddick, August O., architect, 117 W. 58th, New York.
Hodell Furn. Co., Dept. H, Shelbyville, Ind.
Hodes & Sullivan, advtg. spec., 142 Fulton, New York.
Hodgdon Bros., motor boat, launch & yacht bldrs., East Boothbay, Me.
Hodgdon, Chas., architect, 134 S. La Salle, Chicago, Ill.
Hodgson, Fred M., architect, 1409 Greenleaf, Chicago, Ill.
Hodge, A. L., & Son, masons' & bldrs.' matls., Roxbury Station, Conn.
Hodge Boiler Wks., steel plate wks., 99 Summer, E. Boston, Mass.
Hodge Fence & Lumber Co., Ltd., Lake Charles, La.
Hodge & Graves Co., auto & folding seats, Amesbury, Mass.
Hodge & Homer Co., machsts.' tools & supplies, 549 W. Madison, Chicago, Ill.
Hodge, Jeremiah, Co., packing boxes, sashes, doors, etc., Manchester, N. H.
Hodge Mfg. Co., mchsts. & fndrs., Greenville, Pa.
Hodge Ship Co., Moss Point, Miss.
Hodge & Stone, valve wheels, Middleton, Conn.
Hodge, Wm. & Co., glass churns, 11 S. 2d, Phila., Pa.
Hodgeden & McDonald, lumber, Aitkin, Minn.
Hodgenville Roller Mills, flour, Hodgenville, Ky.
Hodges Broom Works, Atlanta, Ga.
Hodges Bros., lumber, Olathe, Kans.
Hodges, C. S., lumber, Cyrene, Ga.
Hodges Fibre Carpet Co., 212 5th, New York.
Hodges, Frederick G., mattresses, Reading, Pa.
Hodges, R. R., lbr., York, Ala.
Hodges Stucco Mach. Wks., 3618 Coleraine, Cincinnati, Ohio.
Hodges, W. W., Co., architects, Schofield Bldg., Cleveland, O.
Hodges Water Still Co., Penna. Bldgs., Phila., Pa.
Hodgin Constr. Co., 1237 Selby av, St. Paul, Minn.
Hodgins, Victor, architect, Bangor, Me.
Hodgkins, Howard G., architect, 179 W. Washington, Chicago, Ill.
Hodgkins, J. F., Co., machsts. & fndrs., Gardiner, Me.
Hodgkinson, J., & Son, sash, door & blind mfrs., Hyde Park, Mass.
Hodgman Rubber Co., 8 W. 40th, New York.
Hodgson, Chancey, W., architect, Martin bldg, Pittsburgh, Pa.
Hodgson, Ernest F., Co., portable houses, 116 Washington, Boston, Mass.
Hodgson Fndry. Co., 2012 W. 13th, Chicago, Ill.
Hodgson, G. C., & Co., contractors, Reibold Bldg, Dayton, Ohio.
Hodgson, Leslie S., architect, Ogden, Utah.
Hodgson, Oliver, contractor, 275 E. 7th S., Salt Lake City, Utah.
Hodkinson, S. M., htg. contr., 410 W. 125th, New York.
Hodson, F. Garvin, architect, Pasadena, Cal.
Hodson, G. & A., machsts., 226 Arch, Philadelphia, Pa.
Hodson, John M., pearl buttons, twine, tex. mchy., etc., Boone & Markle, Philadelphia, Pa.
Hodson, O. O., cornices & skylights, McMinnville, Ore.
Hoe, J. R., & Sons, brass & iron castings, coal mine cars & equipment, Middlesboro, Ky.
Hoe, R., & Co., printing presses, saws, etc., 504 Grand, New York.
Hoe, Richard J. C., sash door & blind mfr., 78 Lake, Jersey City, N. J.
Hoefel, Frederick, cornices, Pottsville, Pa.
Hoefer Mfg. Co., machsts., Freeport, Ill.
Hoeffer & Co., contractors, 133 W. Washington, Chicago, Ill.
Hoeffken Bros., contrs., Belleville, Ill.
Hoeffler, Conrad, architect, 703 W. 5th, Fort Worth, Tex.
Hoeffler, J., & Co., printing wks., 18 E. 138th, New York.
Hoefner, A., & Sons, soap, 160 Van Rensselaer, Buffalo, N. Y.
Hoeft & Co., drop forgings, dies, tools, etc., 1600 W. Kinzie, Chicago, Ill.
Hoegee, Wm. H., Co., filter cloths & gun holsters, Los Angeles, Cal.
Hoegg, D. W., Co., canned goods, Portland, Me.
Hoehn, Fred, sad iron handles, Cleveland, Ohio.
Hoehn, R., Co., hydrometers, 31 Union sq, New York.
Hoehn, Wm., Co., arch'l iron, 218 W. 20th, New York.
Hoehne, Ferdinand, machst., Kaukauna, Wis.
Hoehne, R. B., & Associates, brick & continuous kilns, St. Louis, Mo.
Hoellerer, Jos., cornices, 91 Union av, Brooklyn, N. Y.
Hoelscher Bros., plumbers' supplies, 1310 W. Division, Chicago, Ill.
Hoen, Rudolph G., architect, Joliet Nat'l Bk. Bldg., Joliet, Ill.
Hoenigsberger, A., automobile robes, 16 S. Market, Chicago, Ill.
Hoepner Automatic Scale Co., 1401 W. Jackson blvd, Chicago, Ill.
Hoeppner-Bartlett Co., contractors, Eau Claire, Wis.
Hoeppner, Richard, contractor, 3602 Kilburn av, Milwaukee, Wis.
Hoerlein, F. G., gas stoves, 200 Nostrand av, Brooklyn, N. Y.
Hoerman, Carle, architect, 8 S. Dearborn, Chicago, Ill.
Hoernel Hardware Co., Racine, Wis.
Hoerner, H. J., & Sons, stone, 30 Lister av, Newark, N. J.
Hoersting & Holtmann, cornices, 1133 W. 3d, Dayton, Ohio.
Hoertz, Chas., & Son, contractors, Grand Rapids, Mich.
Hoeschen Mfg. Co., railway crossing signals, Omaha, Neb.
Hoevel Mfg. Corp., sand blast machs., 166 Ogden av, Jersey City, N. J. *See adv. index at end of book.*
Hoey, Edw. D., contractor, McKeesport, Pa.
Hoey & Gallaher Fndry. & Mach. Co., Kittanning, Pa.
Hoey, John & Co., mattresses, Alameda & Rhode Island, San Francisco, Cal.
Hofer, A. E., architect, 2120 E. 58th, Kansas City, Mo.
Hofer, G., & Sons Co., cornices & skylights, Toledo, Ohio.
Hoff & Bro., wholesale hardware, Reading, Pa.
Hoff & Brown, lbr., McCall, Idaho.
Hoff Magnesite Co., Monadnock bldg, San Francisco, Cal.
Hoffecker Bros. & Hall Co., Smyrna, Del.
Hoffecker, J. H., Canning Co., Smyrna, Del.
Hoffeld-Henry Upholstering Co., Dept. H, Richmond & Car, Cincinnati, Ohio.
Hoffeld, R., & Co., mill & facty. supplies, 61 Carroll, Buffalo, N. Y.
Hoffer, Allen R., & Co., scrap iron, Penna. Bldg., Phila., Pa.
Hoffer, W., Furniture Co., music cabinets, Cohoes, N. Y.
Hoffman-Ahlers Co., brewers' & malsters' machy. & supplies, 828 E. Pearl, Cincinnati, Ohio.
Hoffman, B., Mfg. Co., mill, facty. & plumbers' supplies, 257 6th, Milwaukee, Wis.
Hoffman & Baur, cornices, 279 Lake, Milwaukee, Wis.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, Ohio.
Hoffman Bros., contractors, Punxsutawney, Pa.
Hoffman Bros. Co., lumber mfrs., Ft. Wayne, Ind.
Hoffman & Bryan, cornices & skylights, Findlay, Ohio.
Hoffman, C. J., & Sons, contractors, Rochester, N. Y.
Hoffman, Chas., contractor, Jamaica, N. Y.
Hoffman, Chas., Co., cornices & skylights, Mansfield, Ohio.
Hoffman, Chas. V., Co., Inc., fire brick, cements, etc., 95 Liberty, New York.
Hoffman-Corr Mfg. Co., tex. machy. (tapes, braids & cords), 312 Market, Philadelphia, Pa.
Hoffman, De Witt & McDonough Co., Cheltenham, Pa.
Hoffman Engineering & Contracting Co., Penna. Bldg., Phila., Pa.
Hoffman, F. Burrall, Jr., architect, 120 W. 32nd, New York.
Hoffman, F., Co., contractors, Wilkinsburg, Pa.
Hoffman, F. S., & Co., silver nov., 223 E. 23d, New York.
Hoffman Furniture Co., mattresses, 37 Market, Newark, N. J.
Hoffman, Geo. J., & Co., architects, Rochester, Minn.
Hoffman, Geo. J., Co., contractors, South Bend, Ind.
Hoffman, Geo. W., Co., metal polish, 557 E. Washington, Indianapolis, Ind.
Hoffman, H. C., & Co., pckg. box mfrs., Bridgeport, Conn.
Hoffman, H. H., & Co., loose leaf devices, 712 Federal, Chicago, Ill.
Hoffman Hardware Co., 229 S. Los Angeles, Los Angeles, Cal.
Hoffman Hardware Co., Texarkana, Ark.
Hoffman Heater Co., water heaters, Washington, Lorain, Ohio.
Hoffman-Henon Co., architects, 70 W. 45th, New York.
Hoffman, Henry, contractor, Millville, N. J.
Hoffman, J. C., & Bro., cornices, Sharon, Pa.
Hoffman, J. C., Inc., spools, mailing tubes, etc., 2595 3rd av, New York.
Hoffman, J. H. B., cornices, Albany, N. Y.
Hoffman, Jas., contractor, Millville, N. J.
Hoffman, John F., Jr., soap, Sedalia, Mo.
Hoffman-La Roche Chemical Wks., 440 Washington, New York.
Hoffman, M. J., Const. Co., contrs., Evansville, Ind.
Hoffman-Marquard Mach. Co., machst. tools, 1523 N. B'way, St. Louis, Mo.
Hoffman Motor Truck Co., Minneapolis, Minn.
Hoffman, Muiry, architect, 2 E. 41st, New York.
Hoffman, Oliver D., & Son, stone, Bechtelsville, Pa.
Hoffman, Oscar, architect, Decatur, Ind.
Hoffman, P., & Bro., fertilizer mfrs., Raubsville, Pa.
Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
Hoffman, Paul, horse collars, Dubuque, Iowa.
Hoffman, Peter, cornices & skylights, Madison, Ind.
Hoffman, R. C., & Co., steel structural dlrs., Continental bldg, Baltimore, Md.
Hoffman, R. S., Co., paper & pulp mill, Baldwinsville, N. Y.
Hoffman, S. C., cornices & skylights, Leavenworth, Kan.
Hoffman & Scofield, tin plate, 100 Beekman, New York.
Hoffman Spec. Co., radiator valves, 130 N. Wells, Chicago, Ill.
Hoffman, W. L., & Co., contractors, 133 W. 47th, Chicago, Ill.
Hoffman, Wm., auto. wood bodies, 51 3d, Milwaukee, Wis.
Hoffman, Wm. L., Jr., architect, 44 W. 47th, Chicago, Ill.
Hoffman, W. R., furniture, Dept. H, Norfolk, Neb.
Hoffmann & Billings Mfg. Co., mill, factory & plbrs.' supplies, 100 2nd, Milwaukee, Wis.
Hoffmann, W. A., cornices & skylights, Galveston, Tex.
Hoffman's, John, Sons Co., meat packers, 2148 Colerain av, Cincinnati, Ohio.
Hoffman's, P., Son, cornices, Sharon, Pa.
Hoffmeyer Bros., contractors, 308 Dearborn, Buffalo, N. Y.
Hoffner, Adam, contractor, Butler, Pa.

Hoffistetter & Dawson, contractors, Marion, Ohio.
Hofft, M. A., Co., stoker grates, Indianapolis, Ind.
Hofherr, Geo. W., glass stainers, 409 E. Fayette, Baltimore, Md.
Hofius-Ferris Equipment Co., mill & factory supplies, Spokane, Wash.
Hofias Steel & Equipment Co., structural dlrs., Seattle, Wash.
Hofman, A. C., & Sons, meat packers, Syracuse, N. Y.
Hofmann, John, cornices, Dixon, Ill.
Hofstatter, Theo., & Co., interior hardwood wk., 668 5th av., New York.
Hog-Joy Co., oilers, Springfield, Ill.
Hogan & Di Genno, sash, door & blind mfrs., 1616 Webster av, New York.
Hogan, Jas. H., contr., 138 Davenport av., New Haven, Conn.
Hogan Mfg. Co., water closet combination, 74 Grove, Hartford, Conn.
Hogan Milling Co., flour, Junction City, Kan.
Hogan Sheet Metal Wks., cornices, East St. Louis, Ill.
Hogan, Wm. A., architect, Rockaway Park, N. Y.
Hogarth, Jas., machsts. & brass fndrs., Deadwood, S. D.
Hogarty, Edw., machsts. & fndrs., Unionville, Conn.
Hogberg & Ludwig, contractors, 180 Jessie, San Francisco, Cal.
Hogberg Oven Co., 37 W. Van Buren, Chicago, Ill.
Hoge, H. H., cooperage stock, New Knoxville, Ohio.
Hoge Mfg. Co., clutch pencils; thumb tacks, 45 John, New York.
Hogenson, Edward A., architect, 5818 Magnolia av, Chicago, Ill.
Hogg Constr Co., Inc., 1634 Sansom, Phila., Pa.
Hogg, Geo., Co., contractors, Braddock, Pa.
Hogg-Lynn Co., Inc., mill & factory supplies, Elmira, N. Y.
Hoggson Bros., contractors, 485 5th av, New York, & 129 Church, New Haven, Conn.
Hoggson & Pettis Mfg. Co. (The), small tools, dies, molds, etc., mfrs., 161 Brewery, New Haven, Conn.
Hoggson, S. H., & Co., models & experimental wk., 27 Thames, New York.
Hogin, McKinney & Co., mill & fcty. supplies, Marion, Ind.
Hogle, Albert P., Co., htg. contrs., 1522 Flatbush av, B'klyn, N. Y.
Hoglund, G. E., Foundry Co., Gardner, Mass.
Hogshire, E., Son & Co., ship chandlery, 133H West, Norfolk, Va.
Hogue, S. D., & Son, machinists, Baton Rouge, La.
Hohauser, Wm. I., architect, 206 W. 42nd, New York.
Hohenadel, P., Jr., Co., canned goods, H, Spring Brook, Janesville, Wis.
Hohenschild, H. H., architect, Odd Fellows bldg, St. Louis, Mo.
Hohensee, Herman's contractor, Oakland & Linwood, Milwaukee, Wis.
Hohlfeld Mfg. Co., hammock mfrs., 10th & Allegheny, Phila., Pa.
Hohlfelder, F., Co., chaplets (foundry), 1197 W. 67th, Cleveland, Ohio.
Hohlock, J. F., contractor, Youngstown, Ohio.
Hohman, C., & Sons, meat packers, 2038 E. Monument, Baltimore, Md.
Hohmann & Maurer Mfg. Co., thermometers, Ames, nr West av, Rochester, N. Y.
Hohnsbehn Creamery Supply Co., Waverly, Ia.
Hohulin Bros., woven wire fences, Goodfield, Ill.
Hoier, Wm. V., Co., htg. contrs., 707 N. Wells, Chicago, Ill.
Hoigaard, C. J. Co., contractors' tents, 30 Wash. av, N. Minneapolis, Minn.
Hoil Mfg. Co., pumps, grinders, stamps, etc., 45 N. Division, Buffalo, N. Y.
Hoisting Engin. Sales Co., Grand Central Terminal, New York.
Hoisting Machinery Co., buckets, cranes & hoists, 50 Church, New York
Hoit, Henry F., architect, Reliance Bldg., Kansas City, Mo.
Hoke Oil & Fertilizer Co., Raeford, N. C.
Hoke Plumbing & Heating Co., Shreveport, La.
Hoke Tractor Co., traction engines, South Bend, Ind.
Holabird, John Augur, architect, 104 S. Michigan av, Chicago, Ill.
Holabird-Reynolds Elec. Co., Los Angeles, Cal.
Holaday & Bailey, cornices & skylights, Tacoma, Wash.
Holahan, Thos., contractor, 164 Lewis, Rochester, N. Y.
Holben, M. W., contractor, Gary, Ind.
Holbert & Spedden Co., contractors, Fairmont, W. Va.
Holbrook-Armstrong Iron Co., machsts. & fndrs., Racine, Wis.
Holbrook Bros., plate glass, 89 Beekman, New York.
Holbrook, Cabot & Rollins Corp., contractors, 6 Beacon, Boston, Mass.
Holbrook Co., auto. metal bodies, West End & 67th, New York.
Hogg-Harris Lbr. Co., Fullerton bldg, St. Louis, Mo.
Holan, James, Mfg. Co., auto bodies, 3809 Clark av, Cleveland, Ohio.
Holan Metal Products Co., The, stampings, tanks, etc., W. 40th & Clark av, Cleveland, Ohio. *See adv index at end of book.*
Holbrook, Erwin G., architect, Whitaker Bldg., Davenport, Ia.
Holbrook, H. E., Co., window casement adjusters, 49 Federal, Boston, Mass.
Holbrook, M. G., steam htg. contrs., The Arcade, Cleveland, O.
Holbrook Mfg. Co., textile machy. & supplies, 18th, Jersey City, N. J.
Holbrook, Merrill & Stetson, whol. hdwe., & plumbers' supplies, 6th & Bluxome, San Francisco, Cal.
Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.
Holcker Bros. Buggy Co., carriages, Crestline, Ohio.
Holcker-Elberg Mfg. Co., auto. bodies, tops & windshields, N. E cor. 16th & MeGee, Kansas City, Mo.
Holcomb Bros., masons' & bldrs.' matls., Sycamore, Ill.
Holcomb Co., auto. bodies, wood, New Haven, Conn.
Holcomb, D. S., & Co., machy. dlrs., 243 Canal, New York.
Holcomb & Hoke Mfg. Co., pop corn machs., Indianapolis, Ind.
Holcomb, J. I., Mfg. Co., bottle brushes, & brooms, 1543 Van Buren, Indianapolis, Ind.
Holcomb, W. A., mill & factory supplies, machst. & fndrs., Poplar Bluff, Mo.
Holcroft & Co., core ovens, annealing & melting furnaces, Book Bldg., Detroit, Mich.
Holcroft, W. H., & Co., contractors, Chester, Pa.
Holden, A. C., Lbr. Co., Port Allegany, Pa.
Holden, Arthur C., architect, 101 Park av, New York.
Holden, B. E., architect, Main, Aurora, Ill.
Holden Clay Products Co., brick, Mineral City, Ohio.
Holden, E. M., contractor, Brattleboro, Vt.
Holden, Frank, architect, 56 W. 45th, New York.
Holden, Jas., cordage & twine mfr., Fall River, Mass.
Holden, Lansing C., architect, 103 Park av, New York.
Holden Lumber Co., Gloversville, N. Y.
Holden, M. J., Lumber Co., sash, door & blind, Adams, Mass.
Holden & Martin Lbr. Co., sashes, doors & blinds, Brattleboro, Vt.
Holden, N. E., masons' & bldrs.' matls., Danville, Ill.
Holden Paper Co., Newburgh, N. Y.
Holden & Quick, shoe patterns, 120 Centre, New York.
Holden & White, overhead matl. (electric ry.), 1508 Fisher Bldg., Chicago, Ill.
Holdener, Frank A., bldg. contr., Sacramento, Cal.
Holder Hardware Co., Bloomington, Ill.
Holder, Henry, Jr., architect, 242 Franklin av, B'klyn, N. Y.
Holderbaum, Jas. B., & Son, whol. hdwe., Somerset, Pa.
Holderfield Supply Co., masons' & bldrs.' matls., Muncie, Ind.
Holdridge, G. W., & Co., contractors & stone producers, Catskill, N. Y.
Holdridge, Hiram A., Co., flour mills, Lima, Ohio.
Holes Bros., granite, St. Cloud, Minn.
Holesworth, Geo. E., architect, Reno, Nev.
Holfeltz, J. R., Co., masons' & bldrs.' matls., Iron Mountain, Mich.
Holgan Bros., machsts., 9 Baxter, New York.
Holgate Bros. Co., broom blocks, wood handles, Kane, Pa.
Holladay, E. G., & Co., contractors, Nashville, Tenn.
Holladay, Henry T., Jr., flour mills, Rapidan, Va.
Holland Aniline Co., Holland, Mich.
Holland-Blow Stave Co., Decatur, Ala.
Holland Brass Wks., 616 W. Monroe, Chicago, Ill.
Holland Bros., meat packers, Albany, N. Y.
Holland Canning Co., Holland, Mich.
Holland & Co., wholesale hdwe., Mendota, Ill.
Holland Constr. Co., San Diego, Cal.
Holland-Cook Mfg. Co., porch columns, Tacoma, Wash.
Holland Core Oil Co., core oils, 4608 W. Huron, Chicago, Ill.
Holland, E. J., Constr. Co., contractors, Atlantic City, N. J.
Holland, Frank, & Son, machsts., 683 Lorimer, B'klyn, N. Y.
Holland Furnace Co., Holland, Mich.
Holland Furn. Co., Dept. H, Holland, Mich.
Holland & Glover, architects, Mills Bldg., Topeka, Kan.
Holland, H. Osgood, architect, 108 Highland av, Buffalo, N. Y.
Holland Hardware Co., wholesale, Newburgh, N. Y.
Holland-Horr Mill Co., lumber, Spokane, Wash.
Holland Instrument Co., rubber syringes & paint sprayers, 2314 N. 11th, Phila., Pa.
Holland, John, Gold Pen Co., 129 E. 4th, Cincinnati, Ohio.
Holland Launch & Engine Co., machsts., Holland, Mich.
Holland Leather Board Co., Hop River, Conn.
Holland Mach. Co., elec. pumps, 147 W. 35th, New York.
Holland Mfg. Co., nails, tacks, staple mfrs., etc., Central av & Bank, Baltimore, Md.
Holland Mfg. Co., silk thread, Willimantic, Conn.
Holland Piano Mfg. Co., 205 Metropolitan Life Bldg., Minneapolis, Minn.
Holland Torpedo Boat Co., Groton, Conn.
Holland, S. G., Stave Co., cooperage stock, Nashville, Tenn.
Holland-St. Louis Sugar Co., Holland, Mich.
Holland, Stephen, & Sons, masons' & bldrs.' matls., Hornell, N. Y.
Holland Supply Corp., fertilizer mfrs., Holland, Va.
Holland, Thos., & Sons, dumb waiters, 211 E. 84th, New York.
Holland Trolley Supply Co., boxes, trolley bases, etc., 1623 E. 43d, Cleveland, Ohio.
Holland, William H., flour mills, Seale, Ala.
Hollander & Johnson, drop forging dies, rubber molds, Worcester, Mass.
Hollander Machin'y Co., Inc., second hand, 3 Howard, New York.
Hollander & Morrill, wood auto. bodies, Amesbury, Mass.
Hollands Mfg. Co., bench vices, 352 E. 18th, Erie, Pa.
Hollatz Bros., parlor furniture, 2315H Grand av, Chicago, Ill.
Hollenbach, Frank H., flour mills, Schnecksville, Pa.
Hollenback, Edwin E., Inc., contractor, 200 N. 15th, Phila., Pa.
Hollenbeck, Bush Planing Mill Co., Fresno, Cal.
Holler, Chas., masons' & bldrs.' matls., Hummelstown, Pa.
Hollerbach & May Contract Co., contrs., Evansville, Ind.
Hollerlith Building & Contracting Co., 1298 Union av, New York.
Hollern & Johnson, contractors, St. Cloud, Minn.
Holley, C. B., contractor, Augusta, Ga.
Holley Carburetor Co., carburetors, 145 Willis av, E., Detroit, Mich.
Holley Co., knife sharpeners, 21 Elm, Rochester, N. Y.
Holley Mfg. Co., cutlery mfrs., Lakeville, Conn.
Holley-Mason Hardware Co., Spokane, Wash.
Holley Milling Co., Ogden, Utah.
Holliday-Kemp Co., chemicals, aniline colors, 90 William, New York.
Holliday, Lewis J., architect, Laramie, Wyo.
Holliday Lbr. Co., Reform, Ala.
Holliday, Read & Sons, Ltd., aniline colors, 160 Franklin, New York.
Holliday, W. H., Co., whol. hdwe. & masons' & bldrs.' matls., Laramie, Wyo.
Holliday, W. J., & Co., mill & facty. supplies, heavy iron, steel & whol. hdwe., etc., 326 W. Georgia, Indianapolis, Ind.
Hollihan & Milostan, cornices, Duluth, Minn.
Hollinger Cutlery Co., Fremont, Ohio.
Hollinger, Jacob F., harness, Lowell, Ohio.
Hollinger Job Construction Co., New Nelson Bldg., Kansas City, Mo.
Hollinger, M. G., & Co., cornices, Marion, Ind.
Hollinger Planing Mill Co., sash, door & blind, Chambersburg, Pa.
Hollingshead, J. D., Co., cooperage stock, 208 S. La Salle, Chicago, Ill.
Hollingshead-Kernan Co., sash, door & blind mfrs., Homestead, N. J.
Hollingshead, R. M., Co., lubricating oils & greases, Camden, N. J.
Hollingshurst & Co., bone dlrs., etc., 66 Beaver, New York.
Hollingsworth & Bragdon, architect, 17 W. 45th, New York.
Hollingsworth, J. E., & Co., contractors, Memphis, Tenn.
Hollingsworth, Jos., masons' & bldrs.' matls., Temple, Tex.
Hollingsworth Mach. Tool Co., Covington, Ky.
Hollingsworth, Wm., machinist, 229 N. Holliday, Baltimore, Md.
Hollingsworth & Peterson, chemicals, Lafayette Bldg., Philadelphia, Pa.
Hollingsworth & Vose Co., paper & pulp mills, 141 Milk, Boston, Mass.
Hollingsworth & Whitney Co., paper & pulp mills, 185 Devonshire, Boston, Mass.

Hollis, A. M., & Co., masons' & bldrs.' matls., Canandaigua, N. Y.
Hollis & Co., mill & facty. supp., Little Rock, Ark.
Hollis & Duncan, paper bags, 732 W. Lake, Chicago, Ill.
Hollis, H., Co., architectural & interior woodwork, Hartford City, Ind.
Hollis, H. L., metallurgical engrs., 122 S. Michigan av, Chicago, Ill.
Hollis, J. A., & Son, lbr. mfrs., Reynoldsville, Pa.
Hollis, N. F., machsts. & fndrs., Taylorsville, Ill.
Hollister, Amos, & Co., lumber & masons' & bldrs.' matls, Oshkosh, Wis.
Hollister & Bryant, lbr. mfrs., Cheningo, N. Y.
Hollister, F. W., architect, Saginaw, Mich.
Hollister Lbr. Co. (Ltd.), Rochester, N. Y.
Hollister-Whitney Co., freight elevators, mill & facty. supplies, etc., Quincy, Ill.
Holliston Mills, book cloth & bookbinders' glue, Dept. H, Norwood, Mass.
Hollivan & Parker, cornices, Portland, Me.
Holloman, J. W., lbr., Kennedy, Ala.
Hollow Cable Mfg. Co., box bands, wire clothes lines, beaters, etc., Hornell, N. Y.
Hollow Center Packing Co., packing mfrs., 608 S. Dearborn, Chicago, Ill.
Hollow Rock Roller Mill, flour, Hollow Rock, Tenn.
Holloway Expanded Metal Co., 515 2d, San Francisco, Cal.
Holloway, J. F., lumber, 312 Commercial Terrace blvd., Philadelphia, Pa.
Hollowell & Bunch, flour, Selwin, N. C.
Hollowell & Wise Co., wholesale hdwe., Penn Yan, N. Y.
Holly Condensed Milk Co., canned goods, Amity, Ore.
Holly Pneumatic Systems, Inc., air purifiers, etc., 145H W. 45th, New York.
Holly Ridge Lbr. Co., Louisville, Ky., & Monroe, La.
Holly Springs Stoneware & Fire Brick Co., Holly Springs, Miss.
Holly Sugar Corp., Denver, Colo.
Hollywell Mills, paper, Chambersburg, Pa.
Hollywood Mfg. Co., woolen blankets, Hollywood, W. Va.
Holm, G. A., & Bros., pads & tablets, Mansfield, Ohio.
Holm, Gust., contractor, Rockford, Ill.
Holm, Jas. M., contractor, 5566 Arch, Philadelphia, Pa.
Holm & Merchant, contractor, 68 Post, San Francisco, Cal.
Holman, F. C., machinist, Tuolumne, Cal.
Holman, Hugh B., contractor, Rochester, Ind.
Holman, Jason R., machts. & fndrs., Hinsdale, N. H.
Holman, Jno., & Co., spring beds, mattresses, 134 Richmond, Boston, Mass.
Holman, R., & Co., desk mfrs., Chelsea, Mass.
Holman Soap Co., 3104 Fox, Chicago, Ill.
Holmberg, Chas., & Co., vacuum & steam revolving pans, etc., 1439 Austin av, Chicago, Ill.
Holmberg, Salomon, contractor, Warren, Pa.
Holmboe, Leonard C. B., architect, 2034 E. 72nd, Chicago, Ill.
Holmboe & Lafferty, architects, Clarksburg, W. Va.
Holmen Canning Co., Holmen, Wis.
Holmes, A. E., & Bro. Co., cornices, Superior, Wis.
Holmes Advertising Service, 541 Wood, Pittsburgh, Pa.
Holmes, Alfred H., architect, Hyde Bldg., Spokane, Wash.
Holmes Automobile Co., Canton, Ohio.
Holmes & Binkley, contractors, Tampa, Fla.
Holmes & Blanchard Co., machsts. & fndrs., 31 State, Boston, Mass.
Holmes Bros., contractors, 256 B'way, New York.
Holmes Bros., machinists, 440 N. Sacramento, Chicago, Ill.
Holmes Bros., stone producers, Wilkinsburg, Pa.
Holmes, Chas., Leather Working Machy. Co., Cambridge, Mass.
Holmes Co., canned goods, Robbinston, Me.
Holmes & Co., contractors, Nantucket, Mass.
Holmes, D. H., architect, Timken Bldg., San Diego, Cal.
Holmes, D. H., Co., mattresses, New Orleans, La.
Holmes & Dawson, fertilizer mfrs., Norfolk, Va.
Holmes, D. W., Co., mattresses, 819 Canal, New Orleans, La.
Holmes Disappearing Bed Co., Pacific Electric bldg, Los Angeles, Cal.
Holmes, E. A., Packing Co., Eastport, Me.
Holmes, E. & B., Machy. Co., Buffalo, N. Y.
Holmes, E. J., & Co., auditors, 110 S. Dearborn, Chicago, Ill.
Holmes, E. M., machinist, Lynn, Mass.
Holbes, E. W., contr., Princeton, Ill.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Holmes & Ehmann, architects, 135 E. Bay, Jacksonville, Fla.
Holmes Elec. Protective Co., burglar alarms, 26 Cortlandt, New York.
Holmes Eureka Lbr. Co., Eureka, Cal.
Holmes, F. B., & Co., fire brick & masons' & bldrs.' matls., 3rd & York, Detroit, Mich.
Holmes, G. H., knitted gloves, Gloversville, N. Y.
Holmes, Geo. H., & Co., lumber, Alpena, Mich.
Holmes & Gilfillan, lbr., Smethport, Pa.
Holmes Hdwe. Co., Pueblo, Colo.
Holmes, H. E., & Co., carriages, 744 Folsom, San Francisco, Cal.
Holmes, Harold, architect, 30 N. Michigan av, Chicago, Ill.
Holmes, Howard C., consulting & civil engr., 112 Market, San Francisco, Cal.
Holmes Iron Co., Rutland, Vt.
Holmes, Isaac, elastic surgical hosiery, 411 Elm, Cincinnati, O.
Holmes, J. A., Lbr. Co., 10th, Spruce, St. Louis, Mo.
Holmes, J. Lester, architect, Burke bldg, Seattle, Wash.
Holmes, J. S., & Son, contrs., Wilkinsburg, Pa.
Holmes, Jas., & Son, turpentine, Perry, Fla.
Holmes, John, architect, Marathon, N. Y.
Holmes, John G., elastic hosiery, 111 S. 8th, Philadelphia, Pa.
Holmes, Jno. W., brick, New Britain, Conn.
Holmes & Johnson, sashes, doors & blinds, Berea, Ohio.
Holmes, L. T., lumber, Longstreet, La.
Holmes-Landwehr Heating Co., Toledo, Ohio.
Holmes Lime & Cement Co., Postal Tel. Bldg., San Francisco, Cal.
Holmes, M. C., Canning Co., Eastport, Me.
Holmes, M. D., & Son Co., heating contr., Salem sq., Worcester, Mass.
Holmes Mfg. Co., advtg. spec., 161 N. Harrison, Chicago, Ill.
Holmes Metallic Packing Co., Wilkes-Barre, Pa.
Holbes, Morris G., architect, 8 S. Dearborn, Chicago, Ill.
Holmes, O. H., hosiery & elastic webbing, Conshohocken, Pa.
Holmes, Pyott & Co., machsts. & fndrs., 159 N. Jefferson, Chicago, Ill.
Holmes, Robt., & Bros., mill & facty. supplies, mine hoists, screens, chutes & loaders, Danville, Ill.
See adv. index at end of book
Holmes, Rutledge, architect, Duval Bldg., Jacksonville, Fla.
Holmes Tractor Co., engines, Port Clinton, Ohio.
Holmes, Wm G., Bronze Co., Bedford, Ohio.
Holmes, Willis B., architect, Macomb, Ill.
Holmes & Winslow, architects, 103 Park av, New York.
Holmesburg Granite Co., Commercial Trust Bldg., Philadelphia, Pa.
Holmgren, Eric O., architect, 373 Fulton, Brooklyn, N. Y.
Holmquist & Co., ladders, ironing boards, etc., 2814 W. 26th, Chicago, Ill.
Holmquist & Swanson, curtain stretchers & porch gates, Superior & California av, Chicago, Ill.
Holophane Glass Co., shades & reflectors, 340 Madison av, New York.
Holophane Glass Wks. of Gen. Elec. Co., Newark, Ohio.
Holpuck, Jos., A., Co., contrs., Conway bldg, Chicago, Ill.
Holsinger, Paul, & Son, canned goods, Downes, Md.
Holsman, Henry K., architect, 175 N. Jackson Blvd., Chicago, Ill.
Holst, W. O., Builders' Supply Co., Toledo, Ohio.
Holstead & Sullivan, architects, Palladio Bldg., Duluth, Minn.
Holstead, W. W., advtg. novelties, Scimiter Bldg., Memphis, Tenn. (tr.)
Holstein, Aug., contractor, 1726 Chestnut, Milwaukee, Wis.
Holston Box & Lumber Co., packing box, Knoxville, Tenn.
Holston, E. A., lbr., Marcus, Wash.
Holt & Beebe Co., auto annunciators, lamps, etc., 104 Brookline, Boston, Mass.
Holt Bros. Mfg. Co., carriage & wagon bodies, Concord, M. H.
Holt, Duane F., & Son, architects & contractors, Nashua, N. H.
Holt Elec. Co., 379 S. Pierce, Milwaukee, Wis.
Holt-Fairchild Co., contractors, Old South Bldg., Boston, Mass.
Holt, G. L., Co., hdwe. mfrs., Hartford, Conn.
Holt, Gant & Holt Cotton Mfg. Co., Elon College, N. C.
Holt & Gregg Co., lime mfrs., Redding, Cal.
Holt & Gregg Co., masons' & bldrs.' matls., Red Bluff, Cal.
Holt, Jared, Co., shoemakers' wax, Albany, N. Y.
Holt & Jeffery, contractors, Seattle, Wash.
Holt, John, contractor, 950 E. 1st So., Salt Lake City, Utah.
Holt, Jno., & Co., glue mfrs., Lowell, Mass.
Holt Lumber Co., 431 S. Dearborn, Chicago, Ill.
Holt-Lyon Co., carpt. & egg beaters, Tarrytown, N. Y.
Holt Mfg. Co., mill & facty. supplies & agricultural implements, Stockton, Cal.
Holt Mfg. Co., turkish towels, Paterson, N. J.
Holt Mfg. Co., caterpillar tractors & harvesters & agric. machy., Peoria, Ill.
Holt, O. C., contractor, 110 Jessie, San Francisco, Cal.
Holt, Sam'l (Est of), brick, Concord, N. H.
Holt, Samuel T. H., common brick, Philippi, W. Va.
Holt, Thos. S., contr., Federalsburg, Md.
Holt-Williamson Mfg. Co., tickings, Fayetteville, N. C.
Holter, A. M., Hardware Co., Helena, Mont.
Holter Hdwe. Co., whol., Spokne, Wash.
Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.
Holtkamp, E. E., cornices & skylights, Houston, Tex.
Holton-Abbott Mfg. Co., valve handles & wheels, 59 Goram, W. Somerville, Mass.
Holton & Adams, almond meal, 29 E. 22d, New York.
Holton, Alfred J. S., architect, 32 Nassau, New York.
Holton Brick Co., Holton, Mich.
Holton, Frank, & Co., musical instruments, 317 S. Wabash av, Chicago, Ill.
Holtum Mfg. Co., concrete finishing tools, Freeport, Ill.
Holtz Co., machsts. & fndrs., Evansville, Ind.
Holtz, F., Co., tubular boilers, Evansville, Ind.
Holtz Fdry. & Mfg. Co., Fremont, Ohio.
Holtzlaw, C. Taylor, architects, Hampton, Va.
Holtzer-Cabot Elec. Co., fire alarms, factory signal, industrial indicating system, charging sets, etc., 125 Amory, Boston, Mass.
Holtzman, Hy., & Sons Co., piano benches, Columbus, Ohio.
Holtzman, W. D., Jr., architect, Adel, Ia.
Holub-Dusha Co., machsts., 1799 1st av, New York.
Holwick, B. C., meat choppers & slicers, Canton, Ohio.
Holyoke Bar Co., machsts. & fndrs., Holyoke, Mass.
Holyoke Belting Co., Holyoke, Mass.
Holyoke Brick Co., Holyoke, Mass.
Holyoke Card & Paper Co., R. R. stationery, etc., Springfield, Mass.
Holyoke Envelope Co., Holyoke, Mass.
Holyoke Halter Mfg. Co., Holyoke, Mass.
Holyoke Heater Co., water heaters, Holyoke, Mass.
Holyoke, Jemne & Davis, architects, Endicott bldg., St. Paul, Minn.
Holyoke Machine Co., paper & pulp mill machy., Holyoke, Mass.
Holyoke Plush Co., Holyoke, Mass.
Holyoke Supply Co., steam, water, gas & plumbing supplies, Holyoke, Mass.
Holyoke, Thos. G., architect, Endicott Bldg., St. Paul, Minn.
Holyoke Valve & Hydrant Co., engineers & contractors for heating & automatic sprinkling systems, mill, facty. & steam fitters' supplies, Holyoke, Mass.
Holz & Co., Inc., metal testing equipment, filter paper & filtration equipt., purchasing engineers & commission merchants, 18 Madison av, New York.
See adv. index at end of book
Holzapfels Am. Composition Co., see International Composition Co. (successor).
Holzbog, G. H., & Bro., carriages, Jeffersonville, Ind.
Holzer, R. G. (Est. of), fire doors, New Orelans, La.
Holzinger, F. F., brick, Huntington, Ind.
Holzmueller, C. J., theatre switchboards, 4063 Mission, San Francisco, Cal.
Homan, J. & E., machsts., 435 W. B'way, New York.
Homan Mfg. Co., silverware, etc., Findlay Western & Hulbert av, Cincinnati, Ohio.
Homan, Vandever S., machsts., Pennsgrove, N. J.
Home Art Glass Wks., signs, 290 14th, San Francisco, Cal.
Home Building & Financing Co., Youngstown, Ohio.
Home Bldg. & Material Co., Asboro, N. C.
Home Canning Co., Blissfield, Mich.
Home Canning Co., Kempton, Ind.
Home Chemical Co., fire extinguishers, 107 Adams, Rochester, N. Y.

Home Construction Co., 1507 Walnut, Kansas City, Mo., & Lexington, Ky.
Home Cotton Mills, sheeting, 2d & Barton, St. Louis, Mo.
Home Devices Corp., clothes washing machines, 33 35th, Brooklyn, N. Y.
Home Development Corp., contrs., New Albany, Ind.
Home Embroidering Mach. Co., Denver, Colo.
Home & Export Duplicator Co., 228 W. B'way, New York.
Home Fertilizer & Chemical Co., Calvert Bldg., Baltimore, Md.
Home Fertilizer & Cotton Oil Co., Headland, Ala.
Home Fuel Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Home Furnace Co., machsts., Holland, Mich.
Home Furn. Co., Dept. H, Battle Creek, Mich.
Home Furn. Co., Dept. H, York, Pa.
Home Guano Co., fertilizer mfrs., Dothan, Ala.
Home Industry Iron Wks., Mobile, Ala.
Home Light Co. of Am., 1955 Park av, New York.
Home Lumber Co., Carthage, Mo., & Parnell, Ia.
Home Mfg. Co., paper balers, Mattoon, Ill.
Home Mfg. Co., sash, door & blind, Port Huron, Mich.
Home Milling Co., flour, Greenville, Ky.
Home Mixture Guano Co., Columbus, Ga.
Home Packing & Ice Co., Terre Haute, Ind.
Home Roofing Co., cornices, 263 Winder, Detroit, Mich.
Home Rubber Co., Trenton, N. J.
Home Specialty Mfg. Co., clothes washing machines, 1015 Power av, Cleveland, Ohio
Home Stove Co., Indianapolis, Ind.
Home Stove Wks., 2622 W. 18th, Chicago, Ill.
Home Supply Co., kerosene oil lamps, 1411 N. Wyandotte, Kansas City, Mo.
Homegardner Sand Co., Sandusky, Ohio.
Homelius, Frank H., architect, Batavia, N. Y.
Homer Brass Wks., machsts. & fndrs., 231 Race, Phila., Pa.
Homer Bros. & Muir Co., duster mfrs., 66 Pearl, Boston, Mass.
Homer Commutator Co., armatures, 4748 Hough av, N. E., Cleveland, Ohio.
Homer Cotton Oil Co., Homer, La.
Homer, Eleazer B., architect, 87 Weybosset, Providence, R. I.
Homestake Mining Co., machsts. & fndrs., Lead, S. D.
Homestead Brick Co., Homestead, Pa.
Homestead Iron Works Co., machinists, Homestead, Pa.
Homestead Lbr. Co., Sacramento, Cal.
Homestead Valve & Mfg. Co., Homestead, Pa.
Hommel, Ludwing & Co., elec. lamps, 947 Penn av, Pittsburgh, Pa.
Hommel, O., Co., bronzing liquids, Hope & Maple, Pittsburgh, Pa.
Homochitto Lbr. Co., Bude, Miss.
Hondo Gin & Milling Co., flour, Hondo, Tex.
Honeoye Falls Furniture Co., desk mfrs., Honeoye Falls, N. Y.
Hones, Chas. A., gas soldering furnaces, 91 Noble, Brooklyn, N. Y.
Honesdale Union Cut Glass Co., Honesdale, Pa.
Honess, Frank C., architect, 24 S. Sprague av, Pittsburgh, Pa.
Honey Clark Canning Co., Aurora, Mo.
Honeyman Hardware Co., 9th & Hoyt, Portland, Ore.
Honeywell, A. A., Co., architects, Kokomo, Ind.
Honeywell Heating Specialty Co., Wabash, Ind.
Honhorst, Jos., Co., ore wagons, watering troughs, steel tanks & stacks, etc., 1016 W. 6th, Cincinnati, Ohio.
Honkamp Bros., pig lead, brass ingots, 3951 Wentworth av, Chicago, Ill.
Honolulu Iron Wks., sugar plant constr., 233 B'way, New York.
Honolulu Plantation Co., sugar refinery, Hooker & Lent Bldg., San Francisco, Cal.
Hood, B. Mifflin, brick, Atlanta, Ga.
Hood Bros., mechanics tools, Palethorp & Oxford, Phila., Pa.
Hood Canning Wks., Portland, Ind.
Hood Furnace & Supply Co., Corning, N. Y.
Hood, R. H., Co., contractors & dock bldrs., 111 B'way, New York & 1842 Gtn. av, Philadelphia, Pa.
Hood, Raymond M., architect, 7 W. 42d, New York.
Hood Rubber Co., rubber boots & goods, Watertown, Mass.
Hood, W. H., & Chester P., fertilizer mfrs., Mt. Airy, Md.
Hood & Wright, lumber, Big Rapids, Mich.
Hoodwin, J. W., Co., adverts. specialties, 2494 W. Van Buren, Chicago, Ill.
Hook, Chas. C., architect, Charlotte, N. C.
Hook & Hastings Co., organs, Kendal Green, Mass.
Hook, Jacob W. & C. H., & Co., lubrg. oils, 3700 Bank, Baltimore, Md.
Hook, Jno. H., contractor, Lancaster, Pa.
Hook Patent Kiln Co., Columbus, Ohio.
Hooke, Geo. H., canned goods, 203 California, San Francisco, Cal.
Hooker, O. V., & Son, mill & facty. supplies, St. Johnsbury, Vt.
Hooker Crushed Stone Co., Chattanooga, Tenn.
Hooker Electrochemical Co., 40 Wall, New York.
Hooker, H. M., Glass & Paint Co., 651 Washington blvd, Chicago, Ill.
Hooker Hardware Co., Muskogee, Okla.
Hooker, O. V., & Son, machy., Perkins, St. Johnsbury, Vt.
Hooker Steam Pump Wks., 318 Granite Bldg., St. Louis, Mo.
Hookey, W. T., & Sons Co., masons' & bldrs.' matls., 227 E. 129th, New York.
Hookless Fastener Co., machsts., Meadville, Pa.
Hookway, C. T., Constr. Co. (The), Bastable, Syracuse, N. Y.
Hoole Mach. & Engraving Wks., 29 Prospect, Brooklyn, N. Y.
Hoole Tool & Supply Co., mill & factory supplies, 101 Lafayette, New York.
Hooley, I. A., cement contrs., Topeka, Ind.
Hoonah Packing Co., canned goods, Port Townsend, Wash.
Hooper, C. A., & Co., wood tanks, Balboa Bldg., San Francisco.
Hooper & Co., brewery architects, 118 Market, Newark, N. J.
Hooper-Dombrink Art Glass Co., Oakland, Cal.
Hooper, Francis X., Co., box board printing machines, Glenarm, Md.
Hooper, Henry N., architect, 308 Neave bldg, Cincinnati, Ohio.
Hooper, Parker Morse, architect, 15 W. 38th, New York.
Hooper, S. F., & Co., contractors, 101 Tremont, Boston, Mass.
Hooper Sons' Mfg. Co., tex. machy., (tapes, braids & cords), Juniper & Cherry, Phila., Pa.
Hooper, Wm. E., & Sons Co., cotton duck mfrs., 3502 Parkdale av, Baltimore, Md.
Hooper, Wm. F., architect, 2721 S. Michigan av, Chicago, Ill.
Hoopes Bros. & Darlington, wagon spokes, wheels, etc., West Chester, Pa.
Hoopes, Isaac W., meat packers, Mount Cuba, Del.
Hoopes, J. Willard, architect, Lansdowne, Pa.
Hoopes, Ralston R., masons' & bldrs.' matls., West Chester, Pa.
Hoopes, Rufus C., masons' & bldrs.' matls., Fernwood, Pa.
Hoopes & Townsend Co., bolts, iron rolling mills, rivets, screws, washers, etc., Broad & Buttonwood, Philadelphia, Pa.
Hoopeston Canning Co., Hoopeston, Ill.
Hoopeston Planing Mill Co., cash, door & blind, Hoopeston, Ill.
Hoornbeek's, John C., Sons, paper & pulp mills, wood, flour, etc., Napanoch, N. Y.
Hoos, Jno., Co., whol. hdwe., 308 S. Hanover, Baltimore, Md.
Hoosac Marble Co., marble dust, silica, North Adams, Mass.
Hoosac Valley Lime Co., Adams, Mass.
Hoose & Person Construction Co., Iron Mountain, Mich.
Hoosier Auto Parts Co., see Hoosier Clutch Co. (successor).
Hoosier Brick Co., New Albany, Ind.
Hoosier Casting Co., Connersville, Ind.
Hoosier Cluth Co., Muncie, Ind.
Hoosier Drilling Machine Co., Goshen, Ind.
Hoosier Fence Co., Frankton, Ind.
Hoosier Mfg. Co., kitchen cabinets, grain separators, New Castle, Ind.
Hoosier Mfg. Co., soap, 523 N. McCarthy, Indianapolis, Ind.
Hoosier Motor Co., machsts., Goshen, Ind.
Hoosier Specialty Co., Veneer, Ladoga, Ind.
Hoosier Storage Battery Co., Evansville, Ind.
Hoosier Stove Co., Marion, Ind.
Hoosier Supply Co., fdry. & platers' supplies, 178 S. Delaware, Indianapolis, Ind.
Hooten, Chas. B., lbr. mfrs., Danville, Ill.
Hooton Lbr. Co., Terre Haute, Ind.
Hooton & Son, contractors, Greenfield, Ind.
Hooven & Allison Co., cordage & twine mfrs., Xenia, Ohio.
HOOVEN, OWENS, RENTSCHLER CO., steam engines, Hamilton, Ohio. *See adv. index at end of book*
Hoover, A. L., & Co., lbr., Winston-Salem, N. C.
Hoover, Chas., masons' & bldrs.' matls., Ashland, Ohio.
Hoover, F. L., & Sons, contractors, 1023 Cherry, Phila., Pa.
Hoover, G. W., lumber, Williamsport, Pa.
Hoover, H. J., sash, door & blind, Marcellus, Mich.
Hoover, J. B., machsts., 619 N. Fourth, Columbus, Ohio.
Hoover Mfg. Co., agricultural implements, Avery, Ohio.
Hoover & Mason, contractors, coal & ore handling machy., etc., 80 E. Jackson blvd, Chicago, Ill.
Hoover Radiator Co., see Western Radiator Co. (successors).
Hoover Spring Co., 201-223H Franklin, San Francisco, Cal.
Hoover Steel Ball Co., steel balls, Ann Arbor, Mich.
Hoover Suction Sweeper Co., N. Canton, Ohio.
Hoover, W. H., Co., harness, N. Canton, Ohio.
Hoover Wagon Co., automobile bodies mfrs., York, Pa.
Hoover, Wallace A., sash, door & blind, Riverside, Pa.
Hope Brick Works, Hope, Ark.
Hope Bros., optical goods, Knoxville, Tenn.
Hope Building Co., 87 Weybosset, Providence, R. I.
Hope Canning Co., Hope, Ind.
Hope Co., cotton sheetings, Hope, R. I.
Hope Engng. & Supply Co., gas engines, 803-06 Farmers Bank Bldg., Pittsburgh, Pa., and Mt. Vernon, Ohio.
Hope Fan & Blower Co., driers, Kansas City, Mo.
Hope Fertilizer Co., Hope, Ark.
Hope Forge & Machine Co., Mount Vernon, Ohio.
Hope Foundry Co., Auburn, R. I.
Hope, Geo. D., Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Hope Glass Wks., 161 Dorrance, Providence, R. I.
Hope Hardware Co., Hope, Ark.
Hope, Henry, & Sons, window casements, 103 Park av, New York.
Hope, John, & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.
Hope Lumber Co., Hope, Ark.
Hope Lbr. Mfg. Co., Hope, Idaho.
Hope Mill Supply Co., 31 Snow, Providence, R. I.
Hope Rubber Co., mill & factory supplies, 97 Westminster, Providence, R. I.
Hope Webbing Co., insulating tape, etc., 1005 Main, Providence, R. I.
Hope, Wm. H., Co., bolts, screws, Lowell, Mass.
Hopedale Mfg. Co. (Roper Dept.), oil pump mfrs., Milford, Mass.
Hopeman, A. W., & Sons Co., contractors, Rochester, N. Y.
Hopeman Bros. Lbr. & Mfg. Co., Rochester, N. Y.
Hopes Combustion Engng. Co., gray iron & semi-steel castings, Glens Falls, N. Y.
Hopewell Bros., inner tube bags, Watertown, Mass.
Hopewell Lumber Co., Hopewell Junction, N. Y.
Hopewell Valley Canning Co., Hopewell, N. J.
Hopkins, Albert Hart, architect, 447 Main, Buffalo, N. Y.
Hopkins, Alfred, architect, 101 Park av, New York.
Hopkins' & Allen Arms Co., Br. of Marlin Rockwell Corp., machsts. & fndrs., Norwich, Conn.
Hopkins Bros., contractors, Youngstown, Ohio.
Hopkins & Co., bk. & office railings, 199 Franklin, New York.
Hopkins Fertilizer Co., New Albany, Ind.
Hopkins, Frank, & Co., clothes bars, North Girard, Pa.
Hopkins, Harold V., mill & facty. supplies, South Attleboro, Mass.
Hopkins, J. L., & Co., powdered licorice, 100 William, New York.
Hopkins, Johns, Oil Co., lubrg., Stewart Bldg., Baltimore, Md.
Hopkins, Jonathan L., canned goods, Vernon, Del.
Hopkins, L., Mfg. Co., gates, swings, racks, etc., North Girard, Pa.
Hopkins & McEntee, architects, 37 E. 28th, New York.
Hopkins, P. B., contractor, Atlanta, Ga.
Hopkins, Patrick F., Est. of, carriages, Waco, Tex.
Hopkins, R. C., shoe counters, Lynn, Mass.
Hopkins, S. H., masons' & bldrs.' matls., Newton, N. J.
Hopkins, W. F., ice tongs, Groton, N. Y.
Hopkinson, Chas. W., architect, Rose Bldg., Cleveland, Ohio.
Hopkinson Leather Co., Woburn, Mass.
Hopkinson Mach. Wks., Springfield, Mass.
Hopkinsville Lime Wks., Hopkinsville, Ky.
Hopkinsville Milling Co., flour, Hopkinsville, Ky.
Hopler Bros., machsts. & fndrs., Naughright, N. J.
Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.
Hopp, J. W., Construction Co., Cedar Rapids, Ia.
Hoppe, Chas., Co., brass castings, 121 Opera pl, Cincinnati, O.
Hoppe, J. P., architect, Mitchell, S. D.
Hoppe, Paul F., Co., clocks, gauges, 123 Liberty, New York.
Hoppen, J. E., & Sons, mfg. machinists, 78 Main, Belleville, N. J. *See adv. index at end of book.*
Hoppenberg Machine Co., Findlay, Ohio.
Hopper, C. T., Furniture Co., mattresses, Sioux City, Iowa.
Hopper, Daniel A., architect, Irvington, N. J.

Hopper, Falkenau Eng. Co., architects, Woolworth Bldg., New York.
Hopper, Havey & Co., granite, North Sullivan, Me.
Hopper, James C., architect, Leaksville, N. C.
Hopper, Jno. J., Inc., contractor, 217 W. 125th, New York.
Hopper Paper Co., pads, Johnsonburg, Pa.
Hopper, Thos. T., Co., contractors, 280 Madison av, New York.
Hopper, Wm. E., hand fids., Paterson, N. J.
Hoppes Mfg. Co., heaters & purifiers, Springfield, Ohio.
Hoppin & Field, architects, 32 Westminster, Providence, R. I.
Hoppin & Koen, architects, 244 5th av, New York.
Hoppinger Co., loose leaf devices, 118 St. Clair av, N. E., Cleveland, Ohio.
Hopson & Chapin Mfg. Co., htg. contrs.; castings, etc., New London, Conn.
Hopson, Chas. H., architect, Healey Bldg., Atlanta, Ga.
Hopson, W. C., Co., cornices & skylights, shingles, etc., Grand Rapids, Mich.
Hoquiam Lumber & Shingle Co., Hoquiam, Wash.
Hoquiam Packing Co., Hoquiam, Wash.
Hoquiam Sash & Door Co., Hoquiam, Wash.
Hoquiam Steam Boiler Wks., tubular, Hoquiam, Wash.
Horan, Jas. J., & Co., mill & facty. supplies, Troy, N. Y.
Horan Stay Hanger Co., tin circles, etc., 1932H W. Jefferson, Louisville, La.
Horan, W. J., furniture, Dept. H, Stockton, Calif.
Horatt, Joseph, piston rings, Lafayette, Ind.
Hord Bros., contrs., 1015 Eastlake av, Seattle, Wash.
Hord Color Products Co., alpha, naphthol, Sandusky, O.
Hord, T. B., Alfafa Meal Co., Central City, Neb.
Horenburger, Herrman, & Son, architects, 656 E. 163d, New York.
Horicon Wind Mill Co., Horicon, Wis.
Horigan Supply Co., mill & facty. & plumbers' supplies, St. Joseph, Mo.
Horine, John T., & Sons, masons' & bldrs.' matls., Delphos, Ohio.
Horizontal Freezer Co., 18 W. Kinzie, Chicago, Ill.
Horizontal Hydraulic Hoist Co., 605 Gratiot bldg, Detroit, Mich.
Horlick's Malted Milk Co., cereal foods, Racine, Wis.
Hormeister, Leo, Co., lubrg. oils & greases, Frest Hill & Hofmeister av, Wilwaukee, Wis.
Hormel, Geo. A., & Co., meat packers, Austin, Minn.
Horn, A. C., Co., paints, waterproof materials, etc., Horn bldg, Long Island City N. Y.
Horn & Brannen Mfg. Co., fndrs., 427 N. Broad, Phila., Pa.
Horn Bros. Mfg. Co., bed-room furniture, 1144 W. Superior, Chicago, Ill.
Horn, Carl A., 1035 Myrtle av, Baltimore, Md.
Horn, Carl J., architect & contractor, Logansport, Ind.
Horn, Edward C., Sons, architects & contractors, 1476 B'way, New York.
Horn Elec. Co., 110 S. Desplaines, Chicago, Ill.
Horn, Geo. J., architect & contractor, Findlay, Ohio.
Horn-Holland Co., varnish mfrs., Hancock, Long Island City, N. Y.
Horn, J. G., architect, Hot Springs, Ark.
Horn-Lowden Co., cornices, New Haven, Conn.
Horn, M. T., Co., fountain pen mfrs., 114 Park pl, New York.
Horn, Philip, machsts. & fndrs., Shelton, Wash.
Horn Products Co., horn combs, Leominster, Mass.
Horn, T. L., Trunk Co., 1101 Washington, St. Louis, Mo.
Horn, W. C., Bro. & Co., post card albums, 541 Pearl, New York.
Horn, W. J., Posting Sign System, Springfield, Ill.
Horn, Wm., Structural Iron Wks., 336 N. Leavitt, Chicago, Ill.
Horn, Wm. H., & Bro., tools, harness, etc., 451 N. 3rd, Phila., Pa.
Hornbeak Milling Co., flour, Hornbeak, Tenn.
Hornbeck, J. K., & Son, excelsior mfrs., Hancock, N. Y.
Hornberger, J. A., & Son, masons' & bldrs.' matls., Vermilion, Ill.
Hornblower & Marshall, architects, Wilkins bldg, Washington, D. C.
Hornbrook-Price Co., poultry coops, 1970 Madison av, Indianapolis, Ind.
Horne, Geo. W., Co., cornices, Lawrence, Mass.
Horne & Hall, contractors, Concord, N. H.
Horne, J. H., & Sons Co., machsts. & fndrs., Lawrence, Mass.
Horne, J. K., & Son, masons' & bldrs.' matls., Struthers, Ohio.
Horne-Johnson Co., flour, Mocksville, N. C.
Horne, L. D., contr., Portland, Ore.
Horne Mfg. Co., elec. & mechanical equipts. for ships, 4 College pl, Brooklyn, N. Y.
Horner, Jas. B., imp. essential oils, 3H Platt, New York.
Horner, W. S., & Co., steel bars, sheets, plates, etc., Oliver Bldg., Pittsburgh, Pa.
Horner, Wm., lumber, Reed City, Mich.
Horner, Wm. J., burlap, 62 Beaver, New York.
Hornet Mantel Co., 1112 Market, St. Louis, Mo.
Horning Electric Mfg. Co., machsts., Cleveland, Ohio.
Hornthal & Co., coffins, etc., 1339 S. Wabash av, Chicago, Ill.
Hornum, Louis A., architect, 405 Lexington av, New York.
Hornung, J. C., steam traps, 343 S. Dearborn, Chicago, Ill.
Hornung, Jacob, cooperage stock, New Batavia, Ohio.
Horowitz, Max R., architect, 25 W. 32d, New York.
Horridge & Hinman, machsts., 628 Race, Philadelphia, Pa.
Horrocks Desk Co., Herkimer, N. Y.
Horrocks-Ibbotson Co., fishing tackle, Utica, N. Y.
Horrocks Iron Wks., 234 N. Broad, Philadelphia, Pa.
Horrocks, Pierce, architect, Mehlhorn bldg, Seattle, Wash.
Horrum, W. H., brick, Auburn, Neb.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, Ohio.
Horsburgh & Scott Co., gears & pinions, 5114 Hamilton av, N. E., Cleveland, Ohio.
Horsch, Philip, contractor, Irvington, N. J.
Horse Shoe Lbr. Co., River Falls, Ala.
Horse Whip Co., whip mfrs., Westfield, Mass.
Horseless Age, trade publication, 95 Madison av, New York.
Horseshoers' Journal, trade publication, 142 Lafayette, Detroit, Mich.
Horsey, Roe, & Co., fertilizer mfrs., Greensboro, Md.
Horsford Bros. Co., mill & facty supplies, 235 Mission, San Francisco, Cal.
Horsman, E. I., Co., toys, games, etc., 11 Union sq, New York.
Horst Bros., ladders, 139 N. 6th, Phila., Pa.
Horst, Henry W., Co., contractors, Horst Bldg., Rock Island Ill.
Horstmann, F. W., Co., feed water heaters & machy., Irvington, N. J.
Horstmann, John, Co., silicate of soda & soda ash, 685 Bryant, San Francisco, Cal.
Horstman, Wm. H., Co., leg & foot protectors, military supplies, etc., 5th & Cherry, Philadelphia, Pa.
Horstmeier Lbr. Co., Stiles & E. Falls av, Baltimore, Md.
Hortman Co., contractors, 3110 S. Carr, New Orleans, La.
Horton, D. E., Construction Co., Prudential Bldg., Buffalo, N. Y.
Horton, E., & Son Co., chucks, mfrs., Windsor Locks, Conn.
Horton, F. L., cork, asbestos brake lining, 36 Whittier, Roxbury, Boston, Mass.
Horton, F. T., bird gravel, chloride of lime, Hoboken, N. J.
Horton, Fred L., contractor, Conneaut, Ohio.
Horton, H. R., Co., masons' & bldrs.' matls., 459 S. Water, Providence, R. I.
Horton, Harvey S., architect, Prudential bldg, Buffalo, N. Y.
Horton & Horton, contractors, Houston, Tex.
Horton & Hubbard Mfg. Co., traveling bags, Somerville, Mass.
Horton, John F., cableways, derricks, hoisting machy., wrenches, etc., 157th & 8th av, New York.
Horton Lime Co., Monadnock Bldg., San Francisco, Cal.
Horton Lumber Co., Altmar, N. Y.
Horton, M. V. B., lumber mfrs., Warwick, N. Y.
Horton Machine Wks., Elmira, N. Y.
Horton Mfg. Co., fishing rods & tackle, Bristol, Conn.
Horton Mfg. Co., ironing machs., Ft. Wayne, Ind.
Horton Mfg. Co., truck bodies & variable speed pulleys, 3008 Univ. av, S. E., Minneapolis, Minn.
Horton & Moseley, contractors, 140 S. Dearborn, Chicago, Ill.
Horton Stone Co., Springfield, Mo.
Horvath, Geo., brass fndrs., 8209 Holton, Cleveland, Ohio.
Horvath, M. H., landscape architect, 649 Leader, Cleveland, O.
Horvay, Chas. Z., architect, 1808 Marmion av, New York.
Horwich, Louis J., architect, 1425 S. Clifton Park av, Chicago, Ill.
Horwich, Vitkin, Co., curled & horse hair, 2301 S. Paulina, Chicago, Ill.
Horwitz, Bernhard, architect, 18 E. 41st, New York.
Hosford, Edward C., architect, Eastman, Ga.
Hosford, R., contractor, Lebanon, Ind.
Hosie, Horace W., mill & facty. supplies, Franklin, Mass.
Hosket, Chas. F., contractor, 662 E. Richard, Dayton, Ohio.
Hoskins & Hundley, flour mills, Essex Mill, Va.
Hoskins, J. S., Lumber Mfg. Co., Md. Casualty Tower, Baltimore, Md.
Hoskins, John M., architect, 2837 W. Madison, Chicago, Ill.
Hoskins Mfg. Co., elec. cooking apparatus, 453 Lawton, Detroit, Mich.
Hosley, M. B., & Son, lumber mfrs., Wells, N. Y.
Hosmer, C. C., architect, 53 W. Jackson, Chicago, Ill.
Hosmer, G. A., Co., lubricating oils & greases, 601 Northland av, Buffalo, N. Y.
Hosmer, W. A., lbr., Bellaire, Mich.
Hospital Rubber Co., medicinal atomizers, Attleboro, Mass.
Hospital Supply Co., 153 E. 23rd, New York.
Hossack Bros., contractors, 62 Schermerhorn, Brooklyn, N. Y.
Hossafous, H. C., lumber mfrs., Dayton, Ohio.
Hossman, Henry, steel structural work, Portsmouth, Ohio.
Hosteter, O. H., Hanover, Pa.
Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
Hot Blast Feather Co., mattresses, Grand Rapids, Mich.
Hot Springs Plumbing & Machine Co., Hot Springs, Ark.
Hot Springs Sanitary Fertilizer Co., Hot Springs, Ark.
Hotchkin, R. B., architect, Rowell Bldg., Fresno, Cal.
Hotchkiss, Blue & Co., machsts., 80 E. Jackson blvd, Chicago, Ill.
Hotchkiss Bros. Co., masons' & bldrs.' matls., sash, door & blind mfrs., etc., Torrington, Conn.
Hotchkiss, E. H., Co., machy., Norwalk, Conn.
Hotchkiss, Edw. S., hdwe. mfrs., Bridgeport, Conn.
Hotchkiss Metal Form Co., Binghamton, N. Y.
Hotchkiss, Robert J., architect, 233 S. Jefferson av, Peoria, Ill.
Hotchkiss, Roy Jas., architect, 115 N. Oak Park av, Oak Park, Ill.
Hotchkiss, Sam., contractor, St. Joseph, Mo.
Hotchkiss & Son, mattresses, Lawrenceville, Pa.
Hotchkiss, T. D., Co., nippers, Deep River, Conn.
Hotchkiss Co., mill & facty. supplies & whol. hdwe., Waterbury, Conn.
Hotchkiss, Vall & Garrison Co., see Garrison Brass & Machine Wks. (successor).
Hotchkiss, William L., mason, Derby, Conn.
Hotopp Varnish Co., Hoboken, N. J.
Hotstream Heater Co., 1385 E. 17th, Cleveland, Ohio.
Hottel, Benj. K., wood handles, Passer, Pa.
Hotton, B. J., architect, 1113 Drummond pl, Chicago, Ill.
Hotz Lbr. Co., masons' & bldrs.' matls., Edwardsville, Ill.
Houchin-Aiken Co., machy. dlrs., etc., 113 53rd, Brooklyn, N. Y.
Hotel Equipt. Co., kitchen utensils, Atlanta, Ga.
Houchin, Thos. W., Co., vegetable slicers, corers, graters, etc., 36 E. 12th, New York.
Houck, W. O., heating contrs., Bangor, Pa.
Houde Construction Co., Kankakee, Ill.
Houdeshell & Stover, contractors, Bradford, Ohio.
Houdlette, Fred A., & Son, steam fitters' supplies, 93 Broad, Boston, Mass.
Houff, A. Dale, & Co., contractors, Terre Haute, Ind.
Hough Cash Recorder Co., Indian Orchard, Mass.
Hough, Chas. N., Mfg. Co., oil well supps., Franklin, Pa.
Hough, Ed. S., consulting engnr., Bureau Veritas Engnr. Surveyor, 16 California, San Francisco, Cal.
Hough, H. H., soap, Burlington, Vt.
Hough, Sam'l L., contractor, 344 Roebling, Brooklyn, N. Y.
Hough Shade Corporation, Janesville, Wis.
Hough, W. S., Jr., Co., brass & copper rods, sheet & seamless tubing wire, gold & silver alloys, etc., 61 Peck, Providence, R. I.
Houghland Bros. Canning Co., Underwood, Ind.
Houghland, O. A., architect, Chariton, Ia.
Houghtaling & Dougen, architect, Henry Bldg., Portland, Ore.
Houghton-Anderson, contrs., Hollingsworth Bldg., Los Angeles, Cal.
Houghton, Chas. T., & Co., canvas gloves, Metropolis, Ill. (tr.)
Houghton Constr. Co., 544 Market, San Francisco, Cal.
Houghton, E. F., & Co., mill & facty. supplies, 240 W. Somerset, Philadelphia, Pa.
Houghton, E. W., Lbr. Co., masons' & bldrs.' matls., Galva, Ill.
Houghton, E. W., Lumber Exchange, architect, Seattle, Wash.
Houghton, F. O., heating contr., Worcester, Mass.
Houghton, G. T. A., architect, Lumber Exchange, Seattle, Wash.
Houghton, L. T., steel threads, boards, Worcester, Mass.
Houghton Mfg. Co., delivery wagons, Marion, Ohio.
Houghton Mfg. Co., sheet metal stamping, Worcester, Mass.
Houghton & Richards, iron & sheet, 145 Oliver, Boston, Mass.
Houghton, Shirley, contr., Phelan bldg, San Francisco, Cal.

Houghton Sulky Co., carriages, Marion, Ohio.
Houlihan, Michael J., contr., Grosvenor Bldg., Providence, R. I.
Houlton Fndry. & Mach. Co., Houlton, Me.
Houlton Lumber Co., Houltonville, La.
Houlton, Sam'l P., stone prodcrs, Lagonda Creek, Springfield, O.
Houlton Woolen Mill, blankets, sweaters, etc., Houlton, Me.
Houma Brick Mfg. Co., Houma, La.
Houma Cypress Co., Ltd., lbr. mfrs., Houma, La.
Houpert Mach. Co., piston rings, 351 W. 52d, New York.
Houpt, Irvin B., contractor, Norristown, Pa.
Housatonic Machine & Tool Co., rubber straining & tubing machy., Bridgeport, Conn.
Housatonic Rubber Wks., Bridgeport, Conn.
Housatonic Ship Bldg. Co., Stratford, Conn.
House, Chas. W., & Sons, felt mills, Unionville, Conn.
House Cold Tire Setter Co., 4143 Laclede av, St. Louis, Mo.
House Furnishing Journal, trade publication, 200H 5th av, New York.
House Furnishing Review, trade publication, 253 B'way, New York.
House-Hasson Hardware Co., Knoxville, Tenn.
House, John H., Jr., architect, 503 5th av, New York.
Household Appliance Co., clothesline fasteners & holders and smoke consumers, Neenah, Wis.
Household Equipment Co., fireless cookers, 171 27th av, S. E., Minneapolis, Minn.
Household Granite Tub Co., ldry. tub covers, New Haven, Conn.
Household Mfg. Co., carpet, vacuum sweepers, 1221 Filbert, Philadelphia, Pa.
Household Mfg. Co., household specialties, Royersford, Pa.
Housekeeper, Benj., masons' & bldrs.' matls., 1526 N. American, Philadelphia, Pa.
Houser Elev. Co., Syracuse, N. Y.
Houser, O. E., machinist, Chillicothe, Ohio.
Houser & Son, flour mills, Pataha City, Wash.
Houser, W. L., Canning Co., Fort Valley, Ga.
Houser, Wm. H., architect, Pottsville, Pa.
Housman, C. G., canned goods, Troutville, Va.
Housman, C. H., jwlry cases, 78 Bedford, Boston, Mass.
Houston, A. C., & Son, contractors, Richmond, Va.
Houston Armature Wks., Houston, Tex.
Houston Bros., lumber, Vicksburg, Miss.
Houston Bros. Co., masons' mtls., Chamber of Commerce bldg, Pittsburgh, Pa.
Houston, C. B., & Co., steel struct. dlrs., Franklin Bank Bldg., Philadelphia, Pa.
Houston, C. Fred, architect, 126 E. 59th, New York.
Houston, C. S., contractor, Astoria, Ore.
Houston Car Wheel & Mach. Co., Houston, Texas.
Houston Coal & Coke Co., Elkhorn, W. Va.
Houston Co-operative Mfg. Co., sashes, doors & blinds, Houston, Tex.
Houston Cotton & Fertilizer Co., Dothan, Ala.
Houston County Oil Mill & Mfg. Co., Crockett, Tex.
Houston, E. C., Lumber Co., masons' & bldrs.' matls., Tekamah, Neb.
Houston, Geo. T., & Co., lbr., 80 E. Jackson, Chicago, Ill.
Houston Guano Co., fertilizer mfrs., Dothan, Ala.
Houston Iron Wks., Houston, Tex.
Houston, J. E., butter tubs, Stowe, Vt.
Houston Mfg. Co., machsts., Rockford, Ill.
Houston Mill Supply Co., Houston, Tex.
Houston Packing Co., Houston, Tex.
Houston Planing Mill, interior hardwood wk., Houston, Tex.
Houston, R. R., architect, 101 Park av, New York.
Houston Show Case & Mfg. Co., Houston, Tex.
Houston, Stanwood & Gamble Co., boilers, engines & lathes, 3rd & Phila., Cincinnati, O.
Houston Structural Steel Co., Houston, Tex.
Houston, Tom. Mfg. Co., peanut machinery, etc., Dept. H, Columbus, Ga.
Houx, Frank T., & Son, contractor, Sioux City, Ia.
Hovasse, A., willow ware mfr., 100 Clinton, Chelsea, Mass.
Hove, Clinton, architect, Glens Falls, N. Y.
Hovey, Geo. Walter, architect, Marietta, Ohio.
Hovorka, John D., elec. & gas light fixtures, 3509 W. 12th, Chicago, Ill.
Howard, A. Co., automobiles, Galion, Ohio.
Howard, A. L., contractor, 19 S. La Salle, Chicago, Ill.
Howard, Albert, contractor, Lexington, Ky.
Howard, Alonzo, cornices & skylights, Shelbyville, Ind.
Howard Brick Co., Claremore, Okla.
Howard Brick Co., Howard, Pa.
Howard Broom Co., 4437 N. Lincoln, Chicago, Ill.
Howard Bros., contractors, 412 Dorchester av, Boston, Mass.
Howard Bros. Boiler Wks., 23 Indiana, Buffalo, N. Y.
Howard Bros. Mfg. Co., textile machy., Worcester, Mass.
Howard, C. B., Co., lumber, Emporium, Pa.
Howard, C. T., poultry, feed, Mulino, Ore.
Howard, C. W., contractor, 3318 E. 10th, Indianapolis, Ind.
Howard Co., masons' & bldrs.' matls., New Haven, Conn.
Howard Creek Mill Co., flour, Reepsville, N. C.
Howard Dustless Duster Co., mnfrs.; also dry dust mops, 290 Franklin, Boston, Mass.
HOWARD, E., CLOCK CO., makers for 78 years of the famous "E. Howard & Co., Boston," Clocks, 373 Washington, Boston, Mass. *See adv index at end of book.*
Howard, E. D., Broom Co., Columbus, Ohio.
Howard, E., Watch Wks., Waltham, Mass.
Howard, Edw. A., & Son, archts., Bastable Bldg., Syracuse, N. Y.
Howard, Emmons, Organ Co., Westfield, Mass.
Howard, Francis, landscape architect, 7 W. 47th, New York.
Howard & Euphrosine, steam fitters' supplies, New Orleans, La.
Howard, Frank, machy. dlr. & masons' & bldrs.' matls., Pittsfield, Mass.
Howard, G. A., Jr., architect, 610 S. B'way, Los Angeles, Cal.
Howard, Gaylord & Co., sash, door & blind, South Hadley, Mass.
Howard, Geo. B., & Sons Co., contractors, Brockton, Mass.
Howard, Geo. H., architect, Lich bldg, San Francisco, Cal.
Howard Glass Wks., 104 Chambers, New York.
Howard, H. C., Jr., contr., Champaign, Ill.
Howard, H. J. N., Mfg. Co., hose racks, fire extinguishers, 148-150 Pierce, N. W., Washington, D. C.
Howard Handle & Spoke Co., Howard, Pa.
Howard Hardware Co., wholesale, Bellows Falls, Vt.
Howard, Herbert C., architect, B'way Central bldg, Los Angeles, Cal.
Howard & Howard, archts., O'Kane Bldg., Far Rockaway, N. Y.
Howard Iron Works, bolt heading machines, etc., Buffalo, N. Y.
Howard, J. M., & Sons, carriages, Uniontown, Pa.
Howard, J. W., pavement testing analyzer, 1 B'way, New York.
Howard, Jas. L., & Co., machsts. & fndrs., Hartford, Conn.
Howard, Jno. G., architect, 1st Natl. Bk. bldg, San Francisco, Cal.
Howard, John T., Co., tin plate, metals, etc., Norfolk, Va.
Howard Lumber & Coal Co., masons' & bldrs.' matls., Franklin, Pa.
Howard Mfg. Co., elastic webbing, 97 Monument, Boston, Mass.
Howard & Merriam, architects, 8 E. Broad, Columbus, Ohio.
Howard Metal Co., brass castings, Reading, Pa.
Howard, Michael E., machst., Indianapolis, Ind.
Howard Miniature Lamp Co., elec. toys, 338 Main, E. Orange, N. J., & 487 Orange, Newark, N. J.
Howard & Morse, wire screens, etc., 45 Fulton, New York.
Howard, Norman B., architect, Century bldg, St. Louis, Mo.
Howard Paper Co., Urbana, Ohio.
Howard Park Brick Co., Chattanooga, Tenn.
Howard, Paul J., architect, 1521 W. 7th, Los Angeles, Cal.
Howard Plumbing & Supply Co., 133 Howard, Newark, N. J.
Howard, R. S., Co., pianos, 35 W. 42d, New York.
Howard Shipyards Co., machsts. & fndrs., Jeffersonville, Ind.
Howard Stove Co., Beaver Falls, Pa.
Howard Stove Co., Ralston, Neb.
Howard, Theo. F., architect, Pendleton, Ore.
Howard University, engng. school, 6th & Howard pl, Washington, D. C.
Howard, W. B., Jr., landscape architect, 15 Broad, New York.
Howard's, S. E., Son & Co., razon strops, 1150 B'way, New York.
Howarth, A., & Son, woolen flannels, Oxford, Mass.
Howarth, G. H., & Son, contractors, Johnstown, N. Y.
Howarth & Rogers Co., auto. bodies, Amesbury, Mass.
Howatt, C. B., & Son, contractors, Portland, Me.
Howden, J. J., Co., mill & facty. supplies, Muskegon, Mich.
Howden, Jas., & Co., steam engines, Wellsville, N. Y.
Howe, A. J., cornices, Streater, Ill.
Howe & Basset Co., steamfitters' supps., Rochester, N. Y.
Howe-Baumann Balloon Co., 187 Murray, Newark, N. J.
Howe Chain Co., elevator chains & buckets, Muskegon, Mich.
Howdumac Timber Co., Merryville, La.
Howe Comb Co., celluloid combs, horn hair pins & novelties, Leominster, Mass.
Howe Co., clothes washing machines, Wheeling, W. Va.
Howe Engine Co., fire engines, Indianapolis, Ind.
Howe & French Isinglass Co., 110 State, Boston, Mass.
Howe, Geo., architect, 205 S. Juniper, Philadelphia, Pa.
Howe, H. M., Co., carriages, 417 Fountain, Providence, R. I.
Howe Lamp & Mfg. Co., 123 E. Ontario, Chicago, Ill.
Howe, Lois L., & Manning, archts., 101 Tremont, Boston, Mass.
Howe, Louis W. S., feldspar miners, Glastonbury, Conn.
Howe Mill Crayon Co., 442 Merrimack, Lowell, Mass.
Howe, N. L., sash, door & blind, Clinton, Mass.
Howe, Oliver R., mill & facty. supplies, Lynn, Mass.
Howe, R. J., belting cloth, 320 B'way, New York.
Howe Rubber Co., tubes—inner auto., New Brunswick, N. J.
Howe Scale Co., Rutland, Vt.
Howe Scale Co. of Ill., industrial & portable rys., 1315 S. Wabash av, Chicago, Ill.
Howe Scale Co. of N. Y., 341 B'way, New York.
Howe Varnish Co., 253 Norman av, Brooklyn, N. Y.
Howe, W. B., Supply Co., mill & facty. & plumbers' supplies, St. Joseph, Mo.
Howell, C. H., & Co., paints, varnish mfrs., etc., 212 Race, Philadelphia, Pa.
Howell, C. K., architect, 35 Poplar, Atlanta, Ga.
Howell, Chas. M., buttons, Waltham, Mass.
Howell, E. F., Mfg. Co., plbrs. supplies, Hackensack, N. J.
Howell, E. W., contractor, Babylon, N. Y.
Howell, F. M., Co., cigar boxes, Elmira, N. Y.
Howell Fertilizer Co., Newark, Ohio.
Howell, Field & Goddard, metal windows & doors, Review av, Long Island City, N. Y.
Howell, Geo. W., Co., cornices, Nashville, Tenn.
Howell, H. W., architect, Lewisohn Bldg., Butte, Mont.
Howell-Hill Mill Co., lumber mfrs., Tacoma, Wash.
Howell-Hinchman Co., patent leather, Middletown, N. Y.
Howell, J. E., lbr., Moundville, Ala.
Howell, J. L., & Son, contrs., Nashville, Tenn.
Howell, J. W., contractor, Danville, Ill.
Howell, John Mead, architect, 367 Lexington av, New York.
Howell Lumber Co., New Brunswick, N. J.
Howell, M. H., lbr., Pocahontas, Tenn.
Howell, R. R., & Co., well machy., feed mills & mill & factory supplies, 31st av, Minneapolis, Minn.
Howell, R. M., flour mills, Fincastle, Va.
Howell Shingle Co., Ry. Exch. Bldg., Portland, Ore.
Howell, T. P., & Co., patent leather, New st, Newark, N. J.
Howell & Murray, machinists' clamps, Waverly, N. Y.
Howell & Scott, Inc., architects, 15 E. 40th, New York.
Howell & Thomas, architects, 2032 Euclid av, Cleveland, & 151 E. Broad, Columbus, Ohio.
Howell, Thos. H., flour mills, Camden, Del.
Howell, W. H., Co., machsts. & fndrs., Geneva, Ill.
Howell's, D. J., Sons, stone producers, Easton, Pa.
Howells, John Mead, architect, Henry bldg., Seattle, Wash.
Howells Mining Drill Co., machsts. & fndrs., Plymouth, Pa.
Howend, Frank, architect, 42 Mack bldg, Milwaukee, Wis.
Hower, Henry, architect, Bloomsburg, Pa.
Hower, J. K., slate, Danielsville, Pa.
Hower & Stender, contractors, Scranton, Pa.
Howery-Taylor Milling Co., flour, Roanoke, Va.
Howes, Edward T., architect, 503 5th av, New York.
Howes, Forest E., machy. bldg. pattern & mach. jobbing, 263 Northampton, Boston, Mass.
Howes & Howes, architects, 199 High, Holyoke, Mass.
Howes Lbr. Co., 545 W. 71st, Chicago, Ill.
Howes, R. H., Constr. Co., 105 W. 40th, New York.
Howes, S., Co., grain cleaning machinery, Silver Creek, N. Y.
Howes, S. M., Co., fire place furnishings mfrs., 42 Union, Boston, Mass.
Howie, A., & Son, granite, Quincy, Mass.
Howie Roofing Co., fireproof doors, 370 4th av., Detroit, Mich.
Howison, Charles, architect, Sandwich, Ill.
Howland, B., architect, Brandon, Vt.
Howland Bag & Paper Co., Dexter, N. Y.
Howland, E. H., Lumber & Coal Co., masons' & bldrs.' matls., South Omaha, Neb.
Howland, F. L., machy. dlrs., 90 West, New York.
Howland, Henry R., architect, 103 Park av, New York.

Howland Mfg. Co., incandescent electric lamps, Malden, Mass.
Howland Pulp & Paper Corp., Howland, Me.
Howland & Son, masons' & bldrs.' matls., Athens, N. Y.
Howland, Wm. O., mill & facty. supplies, Chester, Pa.
Howler Mfg. Co., alcohol stoves, Cleveland, Ohio.
Howlet, J. & Co., seals & sealing presses, car, Irvington, N. J.
Howlett Constr. Co., locomotive coaling stations, Moline, Ill.
Howley, Jno. J., architect, Traders Bk. Bldg., Scranton, Pa.
Howrey, Marion E., common brick, Kingman, Ind.
Hoxie Ammunition Co., Chicago, Ill.
Hoxie, C. E., contractors, Augusta, Me.
Hoy & Co., plumbers' supplies—jobbers, Albany, N. Y.
Hoy, W. J., Co., contractors, Metropolitan Bldg., St. Paul, Minn.
Hoye, Thos. E., Heating Co., 509 E. Water, Milwaukee, Wis.
Hoyer Engng. Co., 281 Grove, Milwaukee, Wis.
Hoyle, Chas. R., architect, Slater Bldg., Worcester, Mass.
Hoyle & Scott, lumber, Cambridge, Ohio.
Hoyler Envelope Co., 411 S. Jefferson, Chicago, Ill.
Hoyles, J. T., brick, Marion, Ohio.
Hoynes Safety Powder Co., Leader-News Bldg., Cleveland, O.
Hoysradt & Case, machsts., Kingston, N. Y.
Hoyt Bros. & Co., bottle washing machs., Lynn, Mass.
Hoyt, C. H., & Son, wood preservatives, Citizens' bldg, Cleveland, Ohio.
Hoyt, Canner & Co., machsts. & fndrs., Ellenville, N. Y.
Hoyt, Dudley E., architect, South Norwalk, Conn.
Hoyt, E. S., landscape architects, 38 W. 11th, New York.
Hoyt Elec. Instrument Wks., Penacook, N. H.
Hoyt, Fred C., carbureters, 15 Union av, Boston, Mass.
Hoyt, Fred'k M., & Bro., brushes, Troy, N. Y.
Hoyt, H. M., architect, Colorado National Bank bldg, Denver, Colo.
Hoyt, H. P., Co., contractors, Monadnock Bldg., San Fran., Cal.
Hoyt Hdw. Co., cornices, Wellsville, N. Y.
Hoyt Heater Co., Los Angeles, Cal.
Hoyt, J. M., lumber, Prairie, Wash.
Hoyt, John, Co., carriage & wagon shafts, poles, etc., Delaware, N. J.
Hoyt & Lebourveau Co., see Batchelder, E. J., Inc. (successor).
Hoyt Metal Co., mfrs. Babbit metals, solder, type metal, sheet lead, lead pipe & all mixed alloys, Boatmen's Bank Bldg., St. Louis, Mo.
Hoyt & Miles, contractors, Yonkers, N. Y.
Hoyt & Milne, Inc., granite producers, Barre, Vt.
H. P. B. Elec. Co., snap switches & automobile headlight dimmers, 30 E. 42nd, New York.
H. P. Co., abrasive wheel treeing devices, 45 Fort, E., Detroit, Mich.
Hradilek, Henry, architect, 901 Park bldg, Cleveland, Ohio.
Hron, John B., architect, 25 W. 42d, New York.
Hrovda, Jos., & Co., buttons, 439 E. 59th, New York.
H. & T. Constr. Co., 105 W. 40th, New York.
Hub, The, trade publication, 55 Duane, New York.
Hub City Iron Wks., Aberdeen, S. D.
Hub Cornice & Roofing Co., 184 Endicott, Boston, Mass.
Hub Cornice & Skylight Co., 43 Bristol, Boston, Mass.
Hub Elec. Co., benders, 2219 W. Grand av, Chicago, Ill.
Hub Furniture Co., Fort Worth, Tex.
Hub, J. C., Mfg. Co., office supplies, 2041 E. 3rd, Cleveland, Ohio.
Hub Metal Welding & Contg. Co., machsts., 450 N. 12th, Philadelphia, Pa.
Hub Mfg. Co., spokes, Jonesboro, Ark.
Hub Wire Cloth & Wire Work Co., bank railings, 108 Portland, Boston, Mass.
Hubard Fdry. & Machine Works, brass & bronze castings, Lynchburg, Va.
Hubbard, Archie H., architect, 38 S. Dearborn, Chicago, Ill.
Hubbard, Bert Charles, architect, 79 E. Adams, Chicago, Ill.
Hubbard & Carmichael Bros., lumber, San Jose, Cal.
HUBBARD & CO., Hubbard pole line hardware & bow arrow arms, Peirce forged steel pins, house brackets, mast arms, clamp pins, expansion bolts & hammer drills & Universal lightning arresters, for electric light overhead pole lines, shovels, spades and scoops, railroad track tools, washers & Co-z barrel plates, Pittsburgh, Pa.
Hubbard, Eldredge & Miller, chairs, Rochester, N. Y.
Hubbard, F. F., canned goods, Canastota, N. Y.
Hubbard Fertilizer Co., Keyser Bldg., Baltimore, Md.
Hubbard, Floyd, Co., Inc., contrs'. equipt., 90 West, New York.
Hubbard, Geo. W., Hardware Co., Flint, Mich.
Hubbard, H. V., landscape architect, 101 Tremont, Boston, Mass.
Hubbard, James, Co., canned goods, Ottoman, Va.
Hubbard & McClary, machsts. & fndrs., & hdwe. spects., Windsor, Vt.
Hubbard, M. D., Spring Co., Pontiac, Mich.
Hubbard, M. P. & Co., fertilizer mfrs., Calvert Bldg., Balto., Md.
Hubbard, Melvin H., architect, Paul Bldg., Utica, N. Y.
Hubbard Motor Co., machsts. & fndrs., Middletown, Conn.
Hubbard, O. W., canned goods, East New Market, Md.
Hubbard Portable Oven Co., 1130 Belden av, Chicago, Ill.
Hubbard Pressed Steel Co., Niles, O.
Hubbard, Robt. M., brick, San Diego, Cal.
Hubbard, S. B., Co., whol. hdwe., mill, facty. & plumbers' supplies, etc., Jacksonville, Fla.
Hubbard Sash, Door & Lbr. Co., Manchester, N. H.
Hubbard Steel Foundry Co., castings, machine molded gears & rolls, East Chicago, Ind.
Hubbard, W. B., & Sons Co., mill & facty. & plumbers' supplies, 176 Oliver, Boston, Mass.
Hubbard, W. J., canned goods, Teagues, Mo.
Hubbard, Willis W., architect, Robeson bldg, Antioch, Ill.
Hubbard's, Norman, Sons, soldering machs., 265 Water, Brooklyn, N. Y.
Hubbell & Benes, architects, 4500 Euclid av, Cleveland, Ohio.
Hubbell & Benninger, hat blocks, 324 Lafayette, New York.
Hubbell, C. T., & Co., lbr. mfrs., Albany, N. Y.
Hubbell Construction Co., Davenport, Ia.
Hubbell, Hall & Randall Co., masons' & bldrs.' matls, Norwalk, Conn.
Hubbell, Harvey, screws, Bridgeport, Conn.
Hubbell, J. L., horse blankets, Ganado, Ariz.
Hubbell & Merwin Co., contrs., 19 Artizan, New Haven, Conn.
Hubbell, Ray, & Co., ice creepers, Northville N. Y.
Hubbell, S. W., Bldg. Co., 589 Knowlton, Bridgeport, Conn.
Hubbell & Staples Hardware Co., Norwalk, Conn
Hubbell, W. W., & Co., dock bldrs., 886 Main, Bridgeport, Conn.
Hubbert, B. & H., steam-jacketed kettles, 3601 E. Pratt, Baltimore, Md.
Huber Builders' Material Co., 50 Vine, Cincinnati, Ohio.
Huber, E. S., lbr. mfrs., Charlotte, Mich.
Huber, H. F., & Co., furniture, 13H E. 40th, New York.
Huber, J. M., color mfrs. & imptrs., 602 62d, Brooklyn, N. Y.
Huber, Jacob & Co., contractors, 4332 Tower av, Cincinnati, O.
Huber, Jos. C., Jr., architect, Nasby bldg, Toledo, Ohio.
Huber, Julius H., architect, 6712 N. Clark, Chicago, Ill.
Huber Lumber Yard, Moultrie, Ga.
Huber Machy. Co., 261 46th, Brooklyn, N. Y.
Huber Mfg. Co., key blanks, night latches, etc., 417 E. 93d, New York.
Huber Mfg. Co., traction engines, 170 N. Greenwood, Marion, Ohio.
Huber & Richardson, cornices, 3744 St. Louis av, St. Louis, Mo.
Huber, Thos. F., architect, Spitzer bldg, Toledo, Ohio.
Huber Victor, Marble & Granite Co., Scott & St. Louis, New Orleans, La.
Hubert, Jno., coppersmith, 1714 Thames, Baltimore, Md.
Huberty, Ernest, archt., 8017 Whitethorn av, N. E., Cleveland, O.
Hubinger, J. C., Bros. Co., corn oils, starch mfrs., New Haven, Conn.
Hubley, Gordon A., woolen felts, 134 Exchange, Worcester, Mass. *See adv. index at end of book.*
Hubley Mfg. Co., toy mfrs., Lancaster, Pa.
Huck Mfg. Co., store & bar fix., Quincy, Ill.
Hucke, Geo., & Sons Building Co., Railway Exchange Bldg., Kansas City, Mo.
Hucke Hardware Co., Belleville, Ill.
Huckins, P. S., Co., lumber, 40 Central, Boston, Mass.
Hucknall, Thos., contractor, Albion, N. Y.
Huddart, John J., architect, Bank blk, Denver, Colo.
Huddleston Canning Co., Thaxton, Va.
Huddleston, J. S. F., thermometers, 132 Hanover, Boston, Mass.
Huddleston-Marsh Mahogany Co., see Astoria Mahogany Co., Inc. (successor).
Hudnut & Montgomery, architects, 51 W. 10th, New York.
Hudnutt, Geo. D., Inc., bldg. contrs., Sacramento, Cal.
Hudson Bag Mfg. Co., Bayonne, N. J.
Hudson Belt Fastener Co., 149 Church, New York.
Hudson Belting Co., leather belts & washers mfrs., 3 Eaton pl., Worcester, Mass.
Hudson Boiler Mfg. Co., 359 W. 42d, New York.
Hudson Brass Fdry., 352 Pearl, New York.
Hudson Brass Wks., elec. light fix. mfrs., 16 Nassau, Brooklyn, N. Y.
Hudson, C. F., & Son, canned goods, Rocky Mount, Va.
Hudson, C. H., contrs., Marsh-Strong bldg, Los Angeles, Cal.
Hudson Cement & Supply Co., Westwood & Whitmore, Baltimore, Md.
Hudson & Chester Granite Co., Chester, Mass.
Hudson Coal Co., anthracite, Scranton, Pa.
Hudson, Collins & Hammerich, contractors, Rock Island, Ill.
Hudson Companies, contractors, 111 B'way, New York.
Hudson & Co., canned goods, Holley, N. Y.
Hudson Concrete Constr. Co., 452 Montgomery, Jer. City, N. J.
Hudson Counter Co., Hudson, Mass.
Hudson & Dugger Co., cooperage stock, Memphis, Tenn.
Hudson, E. A., Furn. Co., Dept. H, Houston, Texas.
Hudson, E. E., architect, Amer. Bank bldg, Seattle, Wash.
Hudson Export & Import Co., auto. springs, ball bearings, 1737 Broadway, New York.
Hudson Fibre Co., cotton felts, Hudson, N. Y.
Hudson Fdry. Co., 173 2d, Jersey City, N. J.
Hudson, Frank D., architect, Stimson bldg, Los Angeles, Cal.
Hudson, H. L., Co., litho metal boxes, 56 Pearl, B'klyn, N. Y.
Hudson Hose Mender Co., Melrose, Mass.
Hudson, Houston Lbr. Co., Ardmore, Okla.
Hudson Iron & Metal Co., scrap iron & steel, ft. E. 33rd, Bayonne, N. J.
Hudson, J. L., & Co., mill & facty. supplies, Springfield, Ill.
Hudson, John S., architect, Amer. Bank bldg, Seattle, Wash.
Hudson, M. D., Jr., & Co., brick, Gainesville, Ga.
Hudson, M. M., masons' & bldrs.' matls., Holly, Mich.
Hudson Machy. Co., Passaic, N. J.
Hudson Mfg. Co., barn equipts. & whol. hdwe., 324 3rd av, N. Minneapolis, Minn.
Hudson Metal Mfg. Co., stamping dies, 141 Railroad av, Jersey City, N. J.
Hudson Mechanical Rubber Co., 50 Church, New York.
Hudson Metal Bed Co., 116 W. 39th, New York.
Hudson Motor Car Co., automobile builders, 2901 Jefferson av, Detroit, Mich.
Hudson Motor Spec. Co., radius rods, 1932H Arch, Phila., Pa.
Hudson Oil Co., lubrg., 109 Broad, New York.
Hudson Oil & Supply Co., 49 Hudson, Jersey City, N. J.
Hudson Packing Co., sheet, 67H E. 21st, Bayonne, N. J.
Hudson Parer Co., Leominster, Mass
Hudson-Pillar Hdw. Co., whol., Ironton, Ohio.
Hudson Products Co., goggles & eye protectors, 19 Madison av, New York.
Hudson, R. M., Co., contrs., Atlanta, Ga.
Hudson River Blue Stone Co., Kingston, N. Y.
Hudson River Fdry. Co., Poughkeepsie, N. Y.
Hudson River Lumber Co., De Ridder, La.
Hudson-Sharp Machine Co., Green Bay, Wis.
Hudson Sheet & Tin Plate Co., Hickok Bldg., Cleveland, Ohio.
Hudson Supply Co., machsts.' tools, mill & facty. supplies, etc., Front & Market, Wilmington, Del.
Hudson Wood Working Co., 1616 Webster av, New York.
Huebel, C. J., Co., lumber, Menominee, Mich.
Huebel Mfg. Co., oilers, 103 Monroe, Newark, N. J.
Hueber Bros., contrs., Syracuse, N. Y.
Huebner, Bleistein Patents Co., machsts., 1200 Niagara, Buffalo, N. Y.
Huebner, E., & Sons, pearl buttons, 123 Van Buren, Newark, N. J.
Huebner Mfg. Co., sash, door & blind, 1728 Mt. Elliott, Detroit, Mich.
Huebner Screen Door Co., 1961 Farnsworth, Detroit, Mich.
Huegly Milling Co., flour, Nashville, Ill.
Huelsman & Moore, lights, 134 Longworth, Cincinnati, Ohio.
Huenefeld Co., stoves, Cincinnati, Ohio.
Huenerberg, William, architect, 1114 Forest av, New York.
Huenergardt Mfg. Co., clothes, washing mach., Lincoln, Neb.
Huesmann & Co., bristles, 47 Cliff, New York.
Huestis & Huestis, architects, 145 Chestnut, Springfield, Mass.
Huethwohl, Louis, fndr., 513 Flushing av, Brooklyn, N. Y.
Huetteman & Cramer Co., machsts., Mack & Beaufait, Detroit, Mich.

Huetter Constr. Co., Ex. Bk. Bldg., Spokane, Wash.
Huetter Mach. & Tool Co., Indianapolis, Ind.
Huey Co., blue prints, 59 E. Adams, Chicago, Ill.
Huey, Geo. D., architect, N. Y. Life Bldg., Minneapolis, Minn.
Huey & Philip Hardware Co., Dallas, Tex.
Huff, C. E., architect, 1481 Union blvd, St. Louis, Mo.
Huff, Chas. B., architect, 1715 Park av, Shreveport, La.
Huff & Cook, flour mills, Roanoke, Va.
Huff, Daland & Co., Inc., aeroplanes & motor-boats, Dept. H, Ogdensburg, N. Y.
Huff Electrostatic Separator Co., 60 India, Boston, Mass.
Huff & Findley, ties, poles & posts, Buckhorn, Ky.
Huff, James A., cornices & skylights, Northville, Mich.
Huff, John P., umbrella mfrs., Troy, N. Y.
Huff, K. E., contractor, Canton, Ohio.
Huff, S. E., & Co., masons' & bldrs.' matls., Urbana, Ill.
Huff, Walter S., & Co., architects, Fort Scott, Kan.
Huffington, F. A., & Sons, Normal, Ill.
Huffins, Chas. C., & Co., contractors, Frankfort, Ind.
Huffman Bros. Motor Co., auto bldrs., Elkhart, Ind.
Huffman, W. D., Co., canned goods, Indianapolis, Ind.
Huffmans, W. H. C., Sons, contractors & masons & bldrs'. matls., Williamsport, Pa.
Hufford & Harding, canned goods, South Lebanon, Ohio.
Huffschmidt-Dugan Iron Wks., Bend, Ore.
Hufschmidt, L. A., Mfg. Co., elec. & gas light fixtures, 773 Mission, San Francisco, Cal.
Hug, A. C., machinist, Chambersburg, Pa.
Hug, R., & Son, sashes, doors & blinds, Navarra, Ohio.
Hugaboom, S. G., architect, Malone, N. Y.
Hugel, Fred, & Son, brooms, Lawrence, Mass.
Hugger Bros. Constr. Co., 910 Bell bldg, Montgomery, Ala.
Huggins, Jas., & Son, coal tar products, Malden, Mass.
Hughart & Kendal, lbr. mfrs., Grand Rapids, Mich.
Hughart, W. O., Jr., lbr. mfr., Grand Rapids, Mich.
Hughes, Andrew F., architect, 7012 Eggleston av, Chicago, Ill.
Hughes & Aaron, brick, Natchitoches, La.
Hughes, B. & T., masons' & bldrs.' matls., Hudsonville, Mich.
Hughes-Bozarth-Anderson Co., harness, saddles, etc., Oklahoma, Okla.
Hughes Bros., contractors, 1123 B'way, New York.
Hughes Bros., miners' lamps, Scranton, Pa.
Hughes Bros. Co., masons' & bldrs.' matls., Bloomington, Ind.
Hughes Buggy Co., carriages, Lynchburg, Va.
Hughes, C. H., naval architect, 82 Beaver, New York.
Hughes & Chipman, billiard tables, 1405 Main, Kansas City, Mo.
Hughes, Clifton D., contractor, Altoona, Pa.
Hughes & Curren Co., Inc., auto tops, Rochester, N. Y.
Hughes Co., masons' & bldrs.' matls., Charleston, S. C.
Hughes & Co., plumbers' supplies—jobbers, Spokane, Wash.
Hughes, D. C., architect, Buckhannon, W. Va.
Hughes, D. E., architect, Espy, Pa.
Hughes, E. F., cornices, furnaces, Titusville, Pa.
Hughes, E. G., contractor, Scranton, Pa.
Hughes, Edw. S., Co., whol. hdwe., Abilene, Tex.
Hughes Electric Heating Co., cooking apparatus, 5660 W. Taylor, Chicago, Ill.
Hughes, Elwood, architect, 342 W. 42nd, New York.
Hughes-Evans Co., Inc., bath room accessories, 502 W. 32nd, New York.
Hughes Eyelet Co., Taunton, Mass.
Hughes, F. Omar, architect, 816 Riverside av, Seattle, Wash.
Hughes-Foulkrod Co., contrg. engnrs., 624 Oliver bldg, Pittsburgh, Pa.
Hughes Furn. Mfg. Co., Dept. H, Haubert & Blason, Baltimore, Md.
Hughes, G. Skaife, architect, 223 W. Franklin, Baltimore, Md.
Hughes, G. V., lumber, Mount Orab.
Hughes, Geo. J. & William, contrs., 2124 I, N. W., Washington, D. C.
Hughes, Geo. M., contractor, 211 E. Utica, Buffalo, N. Y.
Hughes Granite Co., Clyde, Ohio.
Hughes, Horton, architects, 154 Central av, Newark, N. J.
Hughes, Hugh, sash, door & blind mfrs., Turin, N. Y.
Hughes, J. D., Lumber Co., Highbridge, Ky.
Hughes, J. W., Co., massage vibrators, 110 E. 23d, New York.
Hughes, James T., cornices & skylights, Fall River, Mass.
Hughes, Job, contr., Lewiston, Ill.
Hughes, Jno., machst. & fndr., Mount Morris, Mich.
Hughes, John F., Constr. Co., 211 Post, Utica, N. Y.
Hughes, Jno., Hardware Co., Fond Du Lac, Wis.
Hughes, Jno. R., & Co., trunk mfrs., 40 N. High, Columbus, O.
Hughes, John, & Son., contractors, Muskegon, Mich.
Hughes & Johnson, granite, Quincy, Mass.
Hughes-Keenan Co., structural steel, etc., Mansfield, Ohio.
Hughes Mfg. Co., dress hooks & eyes, etc., Rome, N. Y.
Hughes, N. R., Co., see Hughes-Evans Co., Inc. (successor).
Hughes & O'Rourke Constr. Co., Dallas, Tex.
Hughes & Patterson, fndrs., iron rolling mills, etc., 800 Richmond, Philadelphia, Pa.
Hughes, R. H., contractor, Long Branch, N. J.
Hughes, Richard, contractor, Wilkes-Barre, Pa.
Hughes & Russum, textile machy., supplies, etc., Oxford & Hedge, Philadelphia, Pa.
Hughes & Smythe, agricultural implements, Galena, Ohio.
Hughes & Son Piano Mfg. Co., Foxcroft, Me.
Hughes Steel Equipment Co., factory stools, Allegan, Mich.
Hughes Supply Co., mill, facty. & plumbers' supplies, Mansfield, Ohio.
Hughes, Thos. R., architect, 141 Milk, Boston, Mass.
Hughes Tool Co., rotary drill bits, Houston, Tex.
Hughes Universal Arc Lamp Co., 628 Race, Philadelphia, Pa.
Hughes, W. J., & Sons Co., plate glass, lbr. mfrs., etc., Louisville, Ky.
Hughes, Wm., Co., machinists, Bough, Providence, R. I.
Hughey, Wm. J., & Son, auto. wood bodies, 2518 Michigan av, Chicago, Ill.
Hughson & Co., lbr. mfrs., Albany, N. Y.
Hughson Steam Spec. Co., see Ill. Engineering Co. (successors).
Hugo Mfg. Co., gas regulators & burners, screw drivers, etc., Duluth, Minn.
Hugo Milling Co., flour, Hugo, Okla.
Hugro Mfg. Co., clothes line reels, vacuum cleaners, etc., 327 S. La Salle, Chicago, Ill.
Huil-Hodge Lbr. Co., Ltd., Hodge, La.
Huke, Wm., Mfg. Co., willow ware, baskets, etc., 1007 S. 7th, St. Louis, Mo.
Hukill, Hunter Co., mill & factory supplies, 35 Terminal Way, Pittsburgh, Pa.
Hulbert Bros., trunks, Salt Lake City, Utah.
Hulbert Electro-Steam Mfg. Co., elec. radiators & melting pots, 205 Tehama, San Francisco, Cal.
Hulburt, C., & Co., lubrg. oils, 240 Arch, Philadelphia, Pa.
Hulen, Taylor A., Carriage & Wagon Wks., Denver, Colo.
Hulett, Ralph M., architect, Erie Bldg., Cleveland, Ohio.
Huling, Lundy, & Sons, sashes, doors & blinds, Myrtle Point, Ore.
Huling, Tom B., mach. & fndr., Lampasas, Tex.
Hull, A. E., Pottery Co., Crooksville, Ohio.
Hull Bros. Umbrella Co., Toledo, Ohio.
Hull, C. W., Co., masons' & bldrs.' matls., Omaha, Neb.
Hull & Dillon Packing Co., meat, Pittsburgh, Kan.
Hull, Ernest H., architect, 10 E. 47th, New York.
Hull, F. A., & Son, whol. hdwe. & mill, facty., plumbers' & steamfitters' supplies, Danbury, Conn.
Hull, Grippen & Co., mill & factory supplies, 310 3rd av, New York.
Hull, Jno. L., common brick, Cambridge, Ill.
Hull-Longnecker Co., lumber, Traverse City, Mich.
Hull Mfg. Co., boiler water feeders, 208 Dime Bank Bldg., Scranton, Pa.
Hull Vehicle Mfg. Co., Savannah, Ga.
Hull, W. S., architect, Jackson, Miss.
Hulla, John, architect, 140 S. Dearborn, Chicago, Ill.
Hulley Fdry. & Mach. Wks., 802 S. Adams, Marion, Ind.
Hullsick, K. L., & Co., architects, Flatiron Bldg., Norfolk, Va.
Hulman, Israel J., mattresses, Binghampton, N. Y.
Hulme, Norman, architect, 1524 Chestnut, Philadelphia, Pa.
Hulse Bros. & Daniel Co., umbrella mfrs., 16 W. 22d, New York.
Hulse Mfg. Co., steel type, 165 William, N. Y.
Hulse, W. E., & Co., architects, Hutchinson, Kan.
Hulsebus, Bernhard L., architect, Jefferson Bldg., Peoria, Ill.
Hulsander, John D., architect, Park Bldg., Worcester, Mass.
Hulson Grate Co., grate bar mfrs., Keokuk, Ia.
Hulst & Van Heulen Fuel Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Hult Lbr. Co., Mulino, Ore.
Hultgreen, C. O., architect, Jamestown, N. Y.
Hultgren, W. P., architect, 1314 Marquette av, Minneapolis, Minn.
Hultquist Bros., machsts. & fndrs., Holdridge, Neb.
Hults, Ellsworth H., Inc., paper bags, sacks, cartons, towels, etc., 218 Walnut, Phila., Pa.
Hum & Leatherman, lightning rods, 103 Market, Pitts'bg., Pa.
Human Co., A., platen press feeder, 56 Summer av, Newark, N. J.
Humane Restraint Co., furniture, Madison, Wis.
Humason Mfg. Co., screw machine products & coil springs, Forestville Station, Bristol, Conn.
Humber, R. L., Mach. Wks., Greenville, N. C.
Humbert & Andrews, canned goods, 646 Dean, Brooklyn, N. Y.
Humbert, C. S., canned goods, Troutville, Va.
Humbert, J. S., machy. dlr., 114 Liberty, New York.
Humbert, Wm. S., masons' & bldrs.' matls., Niagara Falls, N. Y.
Humbird Lbr. Co., Sand Point, Idaho.
Humbird Supply Co., mill & facty. supplies, Cumberland, Md.
Humble, Albert, architect, 223 W. 33rd, New York.
Humble, W. H., stoves, Holly Grove, La.
Humboldt Brick Mfg. Co., Humboldt, Kan.
Humboldt Cooperage Co., Arcata, Cal.
Humboldt Cotton Mills, cordage mfrs., Humboldt, Tenn.
Humboldt, Gravel & Tile Co., Humboldt, Iowa.
Humboldt Mach. & Stamping Co., Vernon av & 10th, L. I. City, N. Y.
Humboldt Mfg. Co., scientific instruments, 2014 Nebraska av, Chicago, Ill.
Humboldt Milling Co., sashes, doors & blinds, Fortuna, Cal.
Hume, G. W., Co., canned goods, 311H California, San Francisco, Calif.
Hume Mfg. Co., gray iron castings, machsts., sash, doors, etc., Amarillo, Tex.
Hume Mfg. Co., laundry marking machines, Kansas City, Kan.
Hume Mfg. Co., traction engines, Hume, Ill.
Hume Mill Co., flour, Bowling Green, Mo.
Hume, Raphael, architect, 477 5th av, New York.
Humes, Albert H., architect, Pawtucket, R. I.
Humes Construction Co., 76 Dorrance, Providence, R. I.
Humes Mfg. Co., mill & facty. supplies, East Providence, R. I.
Humidity Engng. Co., humidifiers, 208 S. La Salle, Chicago, Ill.
Humlston, Edgar, contractor, Sandwich, Ill.
Hummel, A. E., architect, Sheridan, Wyo.
Hummel, David, Bldg. Co., 2629 Spring Grove av, Cincinnati, O.
Hummel & Downing Co., paper & pulp mills, N. Cambridge av, Milwaukee, Wis. & 343 S. Dearborn, Chicago, Ill.
Hummel, Geo. J., Saddletree Co., Madison, Ind.
Hummel & Hillebrand, contractors, Toledo, Ohio.
Hummel, J. F., & Sons, stone producers, Huntsville, Ala.
Hummel & Robinson, lanolin, oxalate titanium potassium, 26 Cortlandt, New York.
Hummel, W. F., Knitting Wks., sweaters, etc., 936 3rd, Milwaukee, Wis.
Hummell, Wm. W., contractor, Toledo, Ohio.
Hummelstown Brownstone Co., brick, Waltonville, Pa.
Hummerch, Benj., brick, Freelandville, Ind.
Hump Hair Pin Mfg. Co., 1918 Prairie av, Chicago, Ill.
Humphreville, W. E., contractor & masons' & bldrs.' matls., Houston, Tex.
Humphrey Brick & Tile Co., Brookville, Pa.
Humphrey Bros., lumber, Gaylord, Mich.
Humphrey Co., water heaters, Kalamazoo, Mich.
Humphrey, E. C., contractor, Hackensack, N. J.
Humphrey Gas Pump Co., 401 S. A. & K. Bldg., Syracuse, N. Y.
Humphrey, H. W., washers, Unionville, Conn.
Humphrey, John, contractor, 56 Perkins, New Haven, Conn.
Humphrey Machine Co., see Dow, L. B., Inc. (successors).
Humphrey Mfg. Co., machsts. & fndrs., Elkins, W. H., & Towanda, Pa.
Humphrey Pipe & Foundry Co., Bellefontaine, Ohio.
Humphrey, R. H., & Co., lbr., New Albany, Ind.
Humphrey, R. T., htg. contrs., 811 Flatbush av, Brooklyn, N. Y.
Humphrey & Son, agricultural implements, Joliet, Ill.
Humphrey-Widman Bookcase Co., Kirby & 14th, Detroit, Mich.
Humphrey & Young, paper & pulp mills, Napanoch, N. Y.
Humphreys, C. Gilbert, architect, Winston-Salem, N. C.
Humphreys, Geo., dock bldr., 575 Clinton, Brooklyn, N. Y.
Humphreys, H., & Co., lbr., Camden, N. J.

Humphreys, John S., Esq., architect, 24 Avon, Cambridge, Mass.
Humphries, C. J., sash, door & blind, Ogden, Utah.
Humphryes Mfg. Co., pumps, plbrs. supplies, jobbers, etc., Mansfield, Ohio.
Humphry's, R. A., Sons, contractors' tents, tool bags, flag mfrs., etc., 1021 Callowhill, Philadelphia, Pa.
Humpton-Scott Co., toys, games & nov., Columbus, Ohio.
Humrickhouse, Samuel J., architect, Shepherdstown, W. Va.
Hundley, J., architect, Pittock Blk., Portland, Ore.
Hundley, Jack, B., architect, Stombaugh bldg, Youngstown, O.
Hundred Milling Co., flour, Hundred, W. Va.
Huner, John T., match mfr., Evergreen, N. Y.
Hungarian Flour Mills Co., Denver, Colo.
Hunger, H. J., Brass Works, 928 Champlain, Cleveland, Ohio.
Hunger & Scheidegger, machsts. & fndrs., Cleveland, Ohio.
Hungerford, Darius, architect, 842 Broadway, Nashville, Tenn.
Hungerford, J. A., cornices, Auburn, N. Y.
Hungerford, P. B., sash, door & blind, Lincoln, Ill.
Hungerford & Terry, water fitters, Penna. Bldg., Phila., Pa.
Hungerford, U. T., Brass & Copper Co., 80 Lafayette, New York.
Hunkin, Conkey Construction Co., Cuyahoga Bldg., Cleveland, O.
Hunkins-Willis Lime & Cement Co., Century Bldg., St. Louis, Mo.
Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.
Hunnicutt, Chas., Co., seed corn graders, Wilmington, Del.
Hunsader, John, Mach. Co., Sturgeon Bay, Wis.
Hunsicker Engineering Co., forgings & special machy., Lebanon, Pa.
Hunsicker Engng. Co., machsts. & fndrs., Lebanon, Pa.
Hunt, A. C., & Co., meat packers, Springfield, Mass.
Hunt Bros., contractors, Kingston, N. Y.
Hunt Bros. Co., canned goods, San Francisco, Cal.
Hunt & Burns, architects, Laughlin Bldg., Los Angeles, Cal.
Hunt, C. H., Co., mining screens, Wilkes-Barre, Pa.
Hunt, C. Howard, Pen Co., machsts., Camden, N. J.
Hunt, C. W., Co., industrial trucks, etc., West New Brighton, New York. *See adv index at end of book.*
Hunt-Crawford Co., paper, Coshocton, Ohio
Hunt & Dorman Mfg. Co., stamping wks., 1600 E. 24th, Cleveland, Ohio.
Hunt, E. Hamilton, machsts.' tools & supplies, 136 W. Lake, Chicago, Ill.
Hunt, E. J., Mfg. Co., oil fitters, Ordway Bldg., Newark, N. J.
Hunt, Edmund S., & Sons Co., fireworks, Weymouth, Mass.
Hunt, Edw. J., transformer oils, 707 Ordway Bldg., Newark, N. J.
Hunt Engineering Co., Republic Bldg., Kansas City, Mo.
Hunt, F. Albert, architect, 1 W. 34th, New York.
Hunt, Gilbert J., contractor, Richmond, Va.
Hunt Glass Co., Corning, N. Y.
Hunt, Helm, Ferris & Co., agricultural implements & barn equipments, Harvard, Ill.
Hunt, Henry, glass stainers, 114 Wabash, Pittsburgh, Pa.
Hunt, Henry C., Co., mill & facty. supplies, 135 Oliver, Boston, Mass.
Hunt & Hunt, architects, 28 E. 21st, New York.
Hunt, J. Osborn, architect, 114 N. Montgomery, Trenton, N. J.
Hunt, J. T., & Co., contractors, Greensboro, N. C.
Hunt, Jarvis, architect, 30 N. Michigan av, Chicago, Ill.
Hunt, Jas. B., Mfg. Co., masons' & bldrs.' matls., Trenton, N. J.
Hunt, Jasper, Mfg. Co., typewriter ribbons, 536 S. Clark, Chicago, Ill.
Hunt, L. F., contractor, Decatur, Ill.
Hunt, Leigh, architect, 209 Grand av, Milwaukee, Wis.
Hunt, M. A., Co., mattresses, Dempsey & C. H. & D. Ry., Cincinnati, Ohio.
Hunt, M. J., machy. dlrs., 1316 Beach, Philadelphia, Pa.
Hunt, M. N., contractor, Sault Sainte Marie, Mich.
Hunt Mfg. Co., disinfectants, 3335 Broadview, Cleveland, Ohio.
Hunt & Mottet Co., whol. hdwe. & mill & facty. supplies, Tacoma, Wash.
Hunt, Myron, architect, Hibernian Bldg., Los Angeles, Cal.
Hunt Packing Co., Beaufort, S. C.
Hunt, Pen. C., Howard, Co., spring washers, Camden, N. J.
Hunt, Philip A., Co., gold leaf, 225 5th av, New York.
Hunt, R. H., architect, James Bldg., Chattanooga, Tenn.
Hunt, R. J., mill & factory supplies, Derby Line, Vt.
Hunt, Robert W., & Co., inspecting engrs., 175 W. Jackson blvd., Chicago, Ill. *See adv index at end of book.*
Hunt, Rodney, Machine Co., machsts. & fndrs., Orange, Mass.
Hunt-Spiller Mfg. Corp., air furnaces, locomotive, castings, 383 Dorchester, Boston, Mass.
Hunt Spring Bed Co., Chattanooga, Tenn.
Hunt, W. A., sashes, doors & blinds, Cambridge, Ohio.
Hunt, W. W., & Co., landscape archt., 24 State, Hartford, Conn.
Hunt & Washburn, buckwheat flour, Delanson, N. Y.
Hunt, Wm., floor drains, 1512 S. Grand av, St. Louis, Mo.
Hunt, Wm. E., architect, Torrington, Conn.
Hunter, A. J., machst. & fndr., Knobnoster, Mo.
Hunter, Alfred, & Son Co., brick, Albany, N. Y.
Hunter, Allen & Co., lumber, Winchester, Ill.
Hunter Arms Co., rifles, guns, etc., Fulton, New York.
Hunter, Benn & Co., lumber mfrs., Mobile, Ala.
Hunter Bros. Stone Co., Bloomington, Ind.
Hunter, Chas. E. Farmer's Friend Plow Wks., Freder'ksburg, Va.
Hunter Constr. Co., Youngstown, Ohio.
Hunter, D. H., contractor, 1820 N. 11th, Reading, Pa.
Hunter, Dexter, lbr. mfrs., Albany, N. Y.
Hunter & Dickson Co., steam fitters' supplies, 241 Arch, Philadelphia, Pa.
Hunter Dry Kiln Co., E. 26th & Cornell av, Indianapolis, Ind.
Hunter-Everett Boat Co., launch & yacht motor boat bldrs., McHenry, Ill.
Hunter Fan & Motor Co., Fulton, N. Y.
Hunter, Frank B., architect, State Life Bldg., Indianapolis, Ind.
Hunter, Harry Edgar, archt., Security Bldg., Cedar Rapids, Ia.
Hunter & Havens, whol. hdwe. & mill & facty. supplies, Bridgeport, Conn.
Hunter Illuminated Car Sign Co., Linden av, Flushing, N. Y.
Hunter, J. Duncan, architect, 501 5th av, New York.
Hunter, Jas., Htg. & Contrg. Co., Albany, N. Y.
Hunter, Jas., Machine Co., North Adams, Mass.
Hunter, Jas. S., machst. & fndr., Ashland, Ohio.
Hunter, John S. V., pipes, smoking, Camden, N. J.
Hunter, K. C., contractor, Grand Forks, N. D.
Hunter, L. L. (Est. of), lumber, Tidioute, Pa.
Hunter, L. L., architect, Charlotte, N. C.
Hunter Lumber Co., Berkeley, Cal.
Hunter, M. W., contractor, Bedford, Ind.
Hunter, Malcolm, life saving nets, 32 Dutchkill, Long Island City, N. Y.
Hunter Milling Co., flour, Wellington, Kans.
Hunter, Paul C., architect, 191 9th av, New York.
Hunter Pressed Steel Co., cor. Orthodox & Horrocks, Phila., Pa.
Hunter, P. C. & Bro., architects, 501 5th av, New York.
Hunter, R. Malcolm, architect, Annapolis, Md.
Hunter, S. M., & Co., contractors, 5643 Harper av, Chicago, Ill.
Hunter & Saner, lumber, Prosperity, S. C.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Hunter & Son, stone producers, Gloversville, N. Y.
Hunter, Stevens & Co., lumber mfrs. & masons' & bldrs.' matls., La Salle, Ill.
Hunter & Strehlow Co., cornices, Peoria, Ill.
Hunter, W. E. N., architect, 1436 Wash blvd., Detroit, Mich.
Hunter, W. H., masons' & bldrs.' matls., Wingate, Ind.
Hunter, Wm., Mach. Co., Hoboken, N. J.
Hunters Point Dry Docks, 1 B'way, New York.
Hunting Co., whol. hdwe., Watertown, N. Y.
Hunting Co., plumbers' supplies—jobbers, Rochester, N. Y.
Hunting-Davis Co., architects, Century Bldg., Pittsburgh, Pa.
Huntingburg Dry Pressed Brick Co., Huntingburg, Ind.
Huntingburg Wagon Wks., Huntingburg, Ind.
Huntington, Alfred, machsts., Ripley, N. Y.
Huntington Brick Co., Huntington, Ind.
Huntington, Chas. W., lumber, Washington, Vt.
Huntington Chemical Co., 970H Tipton, Huntington, Ind.
Huntington, G. W., Architect Co., McPhee Bldg., Denver, Colo.
Huntington & Guerry, elec. contrs., Greenville, S. C.
Huntington, H. J., cornices & skylights, 1010 Superior av, Cleveland, Ohio.
Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.
Huntington Machy. & Supply Co., Wilkes-Barre, Pa.
Huntington Piano Co., Shelton, Conn.
Huntington Roofing Tile Co., Huntington, W. Va.
Huntington Seating Co., church furniture, Huntington, W. Va.
Huntington & Son, sash, door & blind, Ladoga, Ind.
Huntington Spring Bed Co., Huntington, W. Va.
Huntington Steel Fdry. Co., castings, Huntington, Ind.
Huntington Stove & Foundry Co., Huntington, W. Va.
Huntington Tumbler Co., glass, Huntington, W. Va.
Huntley, B. F., Furn. Co., Dept. H, Winston-Salem, N. C.
Huntley & Derdinger Corp., contractors, Electric Bldg., Buffalo, New York.
Huntley, J. G., machsts., Pittston, Pa.
Huntley Machy. Co., Holland, Mich.
Huntley Mfg. Co., canning coffee, polishing, flour, mill grain, cleaning machy., etc., Silver Creek, N. Y.
Hunton & Weeks, lumber, 1015 Russell, Detroit, Mich.
Huntsinger, J. H., Advtg. & Mfg. Co., spec., 2615-19 Walnut, Kansas City, Mo.
Huntsville Brick Co., Huntsville, Ala.
Huntsville Coffin Co., Huntsville, Ark.
Huntsville Cotton Oil Co., meal, fertz. mfrs., Huntsville, Tex.
Huntsville Fibre & Veneer Works, Huntsville, Ala.
Huntsville Foundry & Machine Co., see Grace, C. M., & Co. (successor).
Huntsville Handle Mfg. Co., Huntsville, Mo.
Huntsville Lumber & Mfg. Co., Huntsville, Ala.
Huntsville Warehouse Co., fertilizer mfrs., Huntsville, Ala.
Hunzicker, John, architect, Eugene, Ore.
Hunzinger, Geo., & Son, card tables, 323 W. 16th, New York.
Hunzinger, J. H., & Co., contractors, Iowa City, Ia.
Hupfauf, Herman, contractor, 7 E. 42d, New York.
Hupp Motor Car Co., 1049 E. Milwaukee, Detroit, Mich.
Hupp-Yeats Electric Car Co., Lycaste & Detroit ter, Detroit, Mich.
Hurck Indian Motor Co., 109 N. 12th, St. Louis, Mo.
Hurd Bros., lbr., 719 Bailey av., Buffalo, N. Y.
Hurd, Geo. R., Co., masons' & bldrs.' matls., Monroe, Mich.
Hurd, Geo. B., & Co., paper & writing paper & pads & tablets, 425 Broome, New York.
Hurd & Gore, architects, 8 Beacon, Boston, Mass.
Hurd, Jos. A., Lumber Co., 53 State, Boston, Mass.
Hurd, T. P., & Son, masons' & bldrs.' matls, Clyde, Ohio.
Hurd, W. F., Co., sash doors, 200 Campbell av, Detroit, Mich.
Hurlburt Motor Truck Co., 2421 3rd av, New York.
Hurlbut, W. M., Co., contrs., Waterbury, Conn.
Hurlbut, Rogers Machinery Co., South Sudbury, Mass.
Hurley Bros., contractors, Newton Center, Mass.
Hurley-Grant Co., mill & facty. supplies, Willimantic, Conn.
Hurley, J. W., canned goods, Urbana, Va.
Hurley, John E., boilers, 1219 Ohio av, Washington, D. C.
Hurley, Jno. H., contractor, Trenton, N. J.
Hurley Machine Co., electric labor driving machines, Cicero, Ill.
Hurley-Mason Co., contractors, Tacoma, Wash.
Hurley, P. J., contractor, 1233 Cherry, Philadelphia, Pa.
Hurley & Wainwright, brass ingots, 81 Fulton, New York.
Hurline, Henry, contractor, Old York rd, Baltimore, Md.
Hurlock, C. S., canned goods, Massey, Md.
Hurmus Paper Co., West Dudley, Mass.
Huron Canning Co., Port Austin, Mich.
Huron Chem. Co., Bushwick av, Brooklyn, N. Y.
Huron Implement Co., Bad Axe, Mich.
Huron Milling Co., flour, Huron, S. D.
Huron Milling Co., starch, Harbor Beach, Mich.
Huron Portland Cement Co., Ford Bldg., Detroit, Mich.
Huron Rubber Co., pneu. tel. cushions, Cleveland, Ohio.
Hurricane Creek Lumber Co., Guy, La.
Hursh, Jos., & Son, architect & contractor, Mansfield, O.
Hurst, A. (Est. of), lime mfrs., Maquoketa, Ia.
Hurst, Leo., contractor, Pocatello, Idaho.
Hurst, L. J., Mfg. Co., toys, 716 W. 24th, Indianapolis, Ind.
Hurt, R. D., canned goods, Salem, Va.
Hurwitz, H., architect, 270 Grand, New York.
Hurst Sash & Door Co., Grand Island, Neb.
Hurwitz Bros. Iron & Metal Co., scrap iron, Syracuse, N. Y.
Huse, Jos., & Son, mica chimneys, 91 Blackstone, Boston, Mass.
Huse, W. D., & Sons, mill & facty. supplies, Laconia, N. H.
Huselton Automobile Co., Butler, Pa.
Huseman, Augustus, common brick, Pittsfield, Ill.
Huseman, Fred, contrs., Winona, Minn.
Huss Bros. Fixture Co., 25 W. Baker, Cincinnati, Ohio.
Huss Mfg. Co., cotton damasks, Bessemer City, N. C.
Hussa, Theo. F., singeing machs., 50 Church, New York.
Hussander, Arthur F., architect, 646 S. Clark, Chicago, Ill.

Husselrath Importing Co., rattans, bamboo, 37 Liberty, New York.
Hussey, C. G., & Co., copper anodes, mitres, spikes, etc., 2850 2d av, Pittsburgh, Pa.
Hussey, John R., dry kiln doors, Indianapolis, Ind.
Hussey, McCann & Co., machsts.' tools & supplies, 87 Warren, New York.
Hussey, M. M., & E. T., lime mfrs., Palmyra, Tenn.
Hussey Plow Co., North Berwick, Me.
Hussey, W. H., & Son, plumbers' supplies—jobbers, 148 W. 35th, New York.
Hussman, Harry L., tool grinders, 911 N. B'way, St. Louis, Mo.
Hussman Lbr. Co., Cottonwood, Idaho.
Hussong Dyeing & Mach. Co., Groveville, N. J.
Hustead-Semans Coal & Coke Co., Uniontown, Pa.
Husted, A. P., Co., masons' & bldrs.' matls., Tarrytown, N. Y.
Husted-Hall Mould Wks., glass molds, Bridgeton, N. J.
Hustisford Canning Co., Hustisford, Wis.
Huston, Darbee & Co., fertilizer mfrs., Seaford, Del.
Huston, Sanford K., Jr., architect, 5468 Woodlawn, Chicago, Ill.
Hutchens, Chas. E., contractor, Huntsville, Ala.
Hutchens, Ed., rubber plant engnrs., 866 Superior, Milwaukee, Wis.
Hutchens & Sampson, flour mills, Yadkinville, N. C.
Hutcheson Mfg. Co., rope, Banning, Ga.
Hutcheson, Wm., machsts., 212 N. Holliday, Baltimore, Md.
Hutchings & Co., horticultural archts., Penna. Bldg., Phila., Pa.
Hutchings, E. T., architect, Columbus Bldg., Louisville, Ky.
Hutchings, Geo. T., granite producers, Milford, Mass.
Hutchings, John F., contractor, Muncie, Ind.
Hutchins, A. W., & A. B., brick, Orland, Me.
Hutchins, Arthur L., contractor, Watertown, Mass.
Hutchins Car Roofing Co., Ford Bldg., Detroit, Mich.
Hutchins, Geo. E., mill & facty. supplies, Lowell, Mass.
Hutchins, H. Wesley Co., lbr., Auburn, Me.
Hutchins, S. B., Jr., contractor, Portsmouth, Va.
Hutchins, W. E., Furn. Co., Dept. H, Kansas City, Kans.
Hutchins, W. P., architect, Conestoga bldg, Pittsburgh, Pa.
Hutchins, Wallace J., architect, 58 Mt. Globe, Fitchburg, Mass.
Hutchins & French, architects, Amoskeag Bk. Bldg., Manchester, N. H.
Hutchins & French, architects, 8 Winter, Boston, Mass.
Hutchinson Box Board & Paper Co., Hutchinson, Kans.
Hutchinson Bros., hotel cooking apparatus mfrs., 5 S. Howard, Baltimore, Md.
Hutchinson Bldg. Co., Concord, N. H.
Hutchinson Coal Co., Fairmount, W. Va.
Hutchinson Co., contractors, Oakland, Cal.
Hutchinson & Cutler, architects, Cutler Bldg., Rochester, N. Y.
Hutchinson, D. W., oils, 94 John, New York.
Hutchinson, Forman S., contractor, Belmar, N. J.
Hutchinson Foundry & Machine Wks., Hutchinson, Kans.
Hutchinson, Frank G., architect, E. 1515 13th av, Spokane, Wash.
Hutchinson, Homer H., saw bucks & frames, Bristol, N. H.
Hutchinson, Jno., Mfg. Co., ball wheels, Jackson, Mich.
Hutchinson, John, & Sons, stone, 2383 1st av, New York.
Hutchinson Leather Machine Co., Winchester, Mass.
Hutchinson Lbr. Co., Lynn, Mass.
Hutchinson Lumber Co., Huntington, W. Va.
Hutchinson Lumber & Planing Mill Co., Hutchinson, Kans.
Hutchinson Lumber & Supply Co., Cordele, Ga.
Hutchinson, P. F., elec. contr., Walnut Creek, Cal.
Hutchinson, Robert C., architect, 261 B'way, New York.
Hutchinson, Sam'l R., stone producers, Trenton, N. J.
Hutchinson, W. B., & Co., contractors, Michigan City, Ind.
Hutchinson, W. H., & Son, tin foil, 2101 Walnut, Chicago, Ill.
Hutchinson, W. Henry, whol. hdwe., 49 Monroe, Lynn, Mass.
Hutchison, Frank, machst., Jackson, Mich.
Hutchison Office Specialties Co., stapling machine, 501 5th av, New York.
Hutchison, T. T., & Co., harness mfrs., Wheeling, W. Va.
Hutchisson, C. L., architect, Enamel Bldg., New Orleans, La.
Huth, N. G., Dredging Co., Franklin, La.
Huther Bros. Saw Mfg. Co., 1190 University av, Rochester, N. Y. *See adv. index at end of book.*
Hutkoff, Nathan, & Co., plate glass, 80 Greene, New York.
Hutsinpillar, Sheridan Co., see Hudson-Pillar Hdwe. Co. (successor).
Hutt, J. E., Contracting Co., Railway Exchange Bldg., Kansas City, Mo.
Hutt & Knod, contractors, Pottstown, Pa.
Hutter Constr. Co., Fond Du Lac, Wis.
Hutter, Frank, masons' & bldrs.' matls., Cle Elum, Wash.
Hutter, Karl, bottle stoppers, 241 Lafayette, New York.
Huttig Mfg. Co., sashes, doors & blinds, Muscatine, Ia.
Huttig Mill Work Co., Kansas City, Mo.
Huttig Sash & Door Co., 1200 S. Vanderventer, St. Louis, Mo.
Hutton & Bourbonnais Co., lbr., Hickory, N. C.
Hutton & Buys, architects, 103 Park av, New York.
Hutton Co., brick, Kingston, N. Y.
Hutton, Isaac E., sash, door & blind, Ridgewood, N. J.
Hutton, J. M., & Co., coffins, etc., Richmond, Ind.
Hutton, Jos. T., & Son, architects, Hammond, Ind.
Hutton, L. Percival, architect, Orlando, Fla.
Hutton Mfg. Co., bathing suit mfrs., 315 Arch, Philadelphia, Pa.
Hutton, Robt. Co., cornices, 116 Fort, E. Detroit, Mich.
Hutton & Lane, contrs., Rapid City, So. Dak.
Huxley, Frank S., contractor, Northampton, Mass.
Huxtable, Jno., contr., Le Mars, Ia.
Huyck, F. C., & Sons, papermakers, felts, Albany, N. Y.
Huyette, Paul B., Co., steamfitters' supplies, 5 S. 18th, Philadelphia, Pa.
Hvass, Chas., & Co., machsts., 511 E. 18th, New York.
Hyatt, F. H., stone, Columbia, S. C.
Hyatt Roller Bearing Co., roller bearing mfrs., Harrison, N. J.
Hyatt-Wise Mfg. Co., mantles, Columbus, Ohio.
Hyde, Albert, & Son, msns.' & bldrs.' matls., Grand Rapids, Mich.
Hyde Bros. & Co., water tube boilers, Commonwealth Bldg., Pittsburgh, Pa.
Hyde, C. L., Construction Co., San Diego, Cal.
Hyde Carbon Black Co., Ridgway, Pa.
Hyde, Chas. J., agricultural implements & mill & facty. supplies, Meridian, Miss.
Hyde, Clinton N. C., ranges, 592 Clinton av, Albany, N. Y.
Hyde, E. Belcher, maps, 97 Liberty, Brooklyn, N. Y.
Hyde, E. H., machst. & fndr., Lancaster, Wis.
Hyde, Frank D., contractor, 90 West, New York.
Hyde, Geo. E., & Co., canned goods, Campbell, Cal.
Hyde, Harjes & Co., contractors & dock bldrs., 110 Market, San Francisco, Cal.
Hyde, Maxwell, architect, 32 Vanderbilt, New York.
Hyde Mfg. Co., knives, broom needles, shoemakers' blades, etc., Southbridge, Mass.
Hyde-Murphy Co., masons' & bldrs.' matls. & sash, door & blind mfrs., Ridgway, Pa.
Hyde Park Foundry & Mach. Co., Hyde Park, Pa.
Hyde, Robt. M., architect, 8 S. Dearborn, Chicago, Ill.
Hyde, W. F., Co., contractors, 1008 Scoville av, Cleveland, Ohio.
Hyde, W. H., & Co., masons' & bldrs.' matls., Ridgway, Pa.
Hyde, W. L., & Co., blackboard erasers, 94 Blackstone, Boston, Mass.
Hyde Windlass Co., machsts. & fndrs., Bath, Me.
Hydeville Slate Wks., for elec. purposes, Hydeville, Vt.
Hydrated Lime Bureau, Arrott Bldg., Pittsburgh, Pa.
Hydraulic Constrg. Co., Watertown, N. Y.
Hydraulic Engng. Wks., machsts., 708 Fulton, Chicago, Ill.
Hydraulic Hoist Mfg. Co., St. Paul, Minn.
Hydraulic Iron Works, water motors, Erie, Pa.
Hydraulic Press Brick Co., St. Louis, Mo.
Hydraulic Press Mfg. Co., hydraulic pressure pumps, etc., Mt. Gilead, Ohio.
Hydraulic Pressed Steel Co., 3152 E. 61st, Cleveland, Ohio.
Hydraulic Spec. Co., plumbers' supplies, 427 Walnut, Phila., Pa.
Hydraulic Steelcraft Co. (The), steel buildings, etc., Cleveland, Ohio.
Hydraulic Supply Mfg. Co., riveted steel pipe, Seattle, Wash.
Hydraulic Turbine Corp., machsts. & fnrds., Camden, N. Y.
Hydrex Felt & Engng. Co., 120 Liberty, New York.
Hydro Bar Waterproofing Co., cement waterproofing materials, 328 E. 23d, New York.
Hydro Construction Co., Mutual Life Bldg., Buffalo, N. Y.
Hydro Heater Co., gas, Oliver Bldg., Pittsburgh, Pa.
Hydro-Hoist Co., dump truck bodies, etc., 26th & Montana avs, Milwaukee, Wis.
Hydro Mfg. Co., water level gauges, Bullitt Bldg., Phila., Pa.
Hydro Palm Soap Co., Neponset, Boston, Mass.
Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York.
Hydro Stone Products Co., 175 W. Jackson Blvd., Chicago, Ill.
Hydro Storage Battery & Mfg. Co., whistles, 802 Plum, Cincinnati, Ohio.
Hydrofluoric Mfg. Co., acid, York, Pa.
Hydrolith Co., sanitary flooring, 25 Dean, Brooklyn, N. Y.
Hydrometic Co., water meters, 953 N. Main, Los Angeles, Cal.
Hyer, David B., architect, Charleston, S. C.
Hyett, Robert L., architect, 5008 Forrestville av, Chicago, Ill.
Hyfield Mfg. Co., safety razor blade sharpening machs., 292 Church, New York.
Hygeia Antiseptic Toothpick Co., 160 W. 14th, New York.
Hygeia Can. Co., 25 Elm, New York.
Hygeia Filter Co., 338-348 Denton, Detroit, Mich.
Hygeia Medicine Cabinet Co., 246 Middle, Bridgeport, Conn.
Hygenia Brush Co., auto washing brushes, 15 Hermon, Worcester, Mass.
Hygeno Disinfectant Co., sheep dips, Cleveland, Ohio.
Hygenol Co., soap, 2837 Henn, Minneapolis, Minn.
Hygienic Blanket Mills, Hubbardston, Mass.
Hygienic Fibre Co., absorbent cotton & gauze, ersailles, Conn.
Hygienic Fleeced Underwear Co., 2415 Howard, Phila., Pa.
Hygienic Products Co., enamel cleaner, 233 Broadway, Canton, Ohio.
Hygrade Belting & Oil Co., mill & factory supplies, 436 W. B'way, New York.
Hygrade Engng. Co., incandescent lamp making machy., 391 Mulberry, Newark, N. J.
Hygrade Knitting Mills, sweaters, 777 S. 18th, Newark, N. J.
Hygrade Lamp Co., Salem, Mass.
Hygrade Mach. & Equipment Co., jigs & fixtures, 245 N. J. R. R. av, Newark, N. J.
Hyland Bag Co., 243 Sacramento, San Francisco, Cal.
Hyland, Paul V., architect, 29 S. La Salle, Chicago, Ill.
Hyland, R. H., Co., mill & factory & contrs. supplies, 323 N. Wells, Chicago, Ill.
Hyland, W. J., Mfg. Co., ball cocks, Springfield, Mass.
Hyland Wm. A., Jr., fndr., Galena, Md.
Hyman Bros. & Co., furniture, 47H N. 34th, New York.
Hyman, E., plbrs. supplies, Louisville, Ky.
Hyman, Frank, mattresses, 1329 Clybourn av, Chicago, Ill.
Hyman, Henry & Co., mfrs. metal goods, 77 Chambers, New York.
Hyman, Louis P., & Co., scrap iron & steel, Louisville, Ky.
Hyman-Michaels Co., scrap iron, People's Gas Bldg. Chicago, Ill. *See adv index at end of book*
Hyman, S. L., architect, Crocker bldg., San Francisco, Cal.
Hyman Supply Co., mill & facty. supplies, Newbern, N. C.
Hymera Canning Co., Hymera, Ind.
Hymes Bros. Co., oils, 235 Pearl, New York.
Hyndman Roofing Co., corrugated iron roofing, etc., 318 E. 2d, Cincinnati, Ohio.
Hyne, F. T., & Son, masons' & bldrs.' matls., Brighton, Mich.
Hynes, Frank R., machst., Camden, N. Y.
Hynes, John, granite prod., Bond & Union, Brooklyn, N. Y.
Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
Hyper-Humus Co., Newton, N. J.
Hy-Sil Mfg. Co., tinsel cord, Revere, Mass.
Hyslop, W. W., architect, Anaconda, Mont.
Hysor, C. H., archt., Wright & Callender Bldg., Los Angeles, Cal.
Hyssong, C. A., potteries, Bloomsburg, Pa.
Hytee's Factories, Inc., elec. lanterns, Indianapolis, Ind.
Iatt Lumber Co., Ltd., Colfax, La.
Ibberson, T. E., contractor, Corn Exchange, Minneapolis, Minn.
Iber, Conrad, Jr., contr., Peoria, Ill.
Iberia Canning Co., Iberia, Mo.
Ibsen & Co., gauges, 404 Keefe av, Milwaukee, Wis.
Icard Mfg. Co., lbr., Icard, N. C.
Ice & Cold Mach. Co., 3003 N. B'way, St. Louis, Mo.
Ice Cream Trade Journal, 150 Nassau, New York.
Ice, F. P., & Son, lumber, Mount Summit, Ind.
Ice & Refrigeration, trade publication, 5707 W. Lake, Chicago, Ill.
Iceless Mach. Co., refrigerating mach., 12014 Iowa av, Cleveland, Ohio.
Ickelheimer Bros. Co., elec. & gas light fixtures, 439 Sutter, San Francisco, Cal.
Icy-Hot Bottle Co., 122 W. 2d, Cincinnati, Ohio.
Ida Canning Co., Ida, Mich.
Idaho Canning Co., Payette, Idaho.
Idaho Fire Brick Co., Troy, Idaho.

Idaho Fdry. & Mach. Co., Lewiston, Idaho.
Idaho Hardware & Plumbing Co., Ltd., Boise, Idaho.
Idaho Lime Co., masons' & bldrs.' matls., Spokane, Wash.
Idaho Nat. Harvester Co., machsts. & fndrs., Moscow, Idaho.
Idaho Portland Cement Wks., Spokane, Wash.
Idaho Prov. & Packing Co., meat, Boise, Idaho.
Idaho Soap Co., Boise, Idaho.
Ide, A. L., & Sons, steam engines, iron castings, machinery, Springfield, Ill.
Ide, E. T., & H. K., masons' & bldrs.' mtls., St. Johnsbury, Vt.
Ide Lumber Co., packing boxes, Southbridge, Mass.
Ideal Acetylene Co., gas mach'y & lgtng. plants, Johnstown, Pa.
Ideal Aeroplane & Supply Co. toys, 84 W. B'way, New York.
Ideal Air Brush Co., 18 Franklin, New York.
Ideal Art Bent Glass Co., shades, 407 Broome, New York.
Ideal Auto Co., Fort Wayne, Ind.
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Ideal Book Mailing Corner Co., Worcester, Mass.
Ideal Bronze Co., fndrs., 1265 E. 55th, Cleveland, Ohio.
Ideal Case Hardening Compound Co., 27 Thames, New York.
Ideal Chemical Co., boiler compound, Indianapolis, Ind.
Ideal China Kiln Co., Port Huron, Mich.
Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.
Ideal Coated Paper Co., Brookfield, Mass.
Ideal Commutators, Dresser Co., stones, 8 S. Dearborn, Chicago, Ill.
Ideal Concrete Constr. Co., Joliet, Ill.
Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, O.
Ideal Constr. Co., N. Milwaukee, Wis.
Ideal Cornice Co., 1040 Howard, San Francisco, Cal.
Ideal Cut Glass Co., Canastota, N. Y.
Ideal Desk Co., book cases, Auburn, Me.
Ideal-Die Casting Co., castings in gold, silver, brass & compositions, 756 Eddy, Providence, R. I.
Ideal Elec. & Mfg. Co., dynamos, motors, etc., Mansfield, Ohio.
Ideal Engine Co., gas & gasoline, Lansing, Mich.
Ideal Fire Detector Co., 374 Plane, Newark, N. J.
Ideal Fishing Float Co., Richmond, Va.
Ideal Floor Sander Co., floor surfacing machines, 440 N. Peoria, Chicago, Ill.
Ideal Fdry. Co., Grand Rapids, Mich.
Ideal Foundry & Machinery Corp., Desler machines, Beaver Falls, Pa.
Ideal Furnace Co., Chester, Pa.; 88 Jefferson av, Detroit, Mich.
Ideal Gas & Electric Fixture Co., electric & light fixture mfrs., 433 B'way, New York.
Ideal Hanger Co., stone & wall anchors, etc., Cleveland, Ohio.
Ideal Heat & Draft Regulator Co., 419 E. 22d, New York.
Ideal Htg. Co., 915 Gates av, Brooklyn, N. Y.
Ideal Heating Co., 6312 Wentworth av, Chicago, Ill.
Ideal Htg. Co., 16 E. First av, Columbus, Ohio.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
Ideal Lamp Mfg. Co., Fairbault, Minn.
Ideal Leather Goods Co., 326 Dean, Providence, R. I.
Ideal Lbr. & Coal Co., masons' & bldrs.' matls., Appleton, Wis.
Ideal Machine & Tool Co., dies, etc., 128 Longworth, Cincinnati, Ohio.
Ideal Machy. Co., dlrs., Plainville, Conn.
Ideal Mfg. Co., bottle capping machs., Kewanee, Ill.
Ideal Mfg. Co., meat slicers, cheese cutters, Anderson, Ind.
Ideal Mfg. Co., plumbers' wood wk., closet pulls, Franklin & Dubois, Detroit, Mich.
Ideal Mfg. Corp., stationers' specialties, 436 E. 9th, New York.
Ideal Mfg. & Supply Co., heaters, Oskaloosa, Ia.
Ideal Metallic Furniture Co., racks (hat & clothes), 1259 Military, Detroit, Mich.
Ideal Metallic Packing Co., So. Stillwater, Minn.
Ideal Oil Co., 931 Clinton, Buffalo, N. Y.
Ideal Packing Co., Baymiller, nr. Central, Cinn.
Ideal Power Lawn Mower Co., Lansing, Mich.
Ideal Reversible Hinge & Cabinet Co., 3666 Pk, av, St. Louis, Mo.
Ideal Roller Mills, flour, Falmouth, Ky.
Ideal Sad Iron Mfg. Co., 211 High, Cleveland, Ohio.
Ideal Spec. Co., post cards, Albums, 552 Adams, Chicago, Ill.
Ideal Stencil Machine Co., stencil cutting machy. & shipping room supplies, Belleville, Ill.
Ideal Supply Co., plumbers' supplies—jobbers, Somerville, Mass.
Ideal Switch & Machy. Co. See Ideal Machinery Co. (successors)
Ideal Tank & Supply Co., Inc., mill & facty. supplies, & plumbers' supplies, Peoria, Ill.
Ideal Tire & Rubber Co., Warner rd, Cleveland, Ohio.
Ideal Tire Setter Co., McGehee, Ark.
Ideal Tool & Mfg. Co. See Ideal Foundry & Machinery Co., (successors)
Ideal Ventilator Co., window ventilators, 99 Stewart, Providence, R. I.
Ideal Window Glass Co., West Union, W. Va.
Ideal Wrapping Mach. Co., Middletown, N. Y.
Idealite Co., fire proof floors, Cincinnati, Ohio.
Idealo Co., metal polish, Bourse Bldg., Philadelphia, Pa.
Idell, Geo. S., architect, 34 S. 16th, Philadelphia, Pa.
Iden, Wm. A., Co., mill & facty. supplies, 564 Wash. blvd, Chicago, Ill.
Igelstroem, Jno., Co., advtg. spec., Massillon, Ohio.
Iglehart Bros., flour mills, Evansville, Ind.
Igo, Jno., & Co., granite, Quincy, Mass.
Igoe Bros., wire products, nails, rivets, etc., 67-73 Metropolitan av, Brooklyn, N. Y. *See adv index at end of book*
Igou Mfg. Co., confectioners' machy., Springfield, Ohio.
Ihling Bros., Everard Co., bookholder, Kalamazoo, Mich.
Ikeler, Roland R., flour mills, Bloomsburg, Pa.
Ikenberry Bros., canned goods, Daleville, Va.
Ikenberry, H. C., & Co., canned goods, Cloverdale, Va.
Iler Co., crucible furnaces & cupel machy., 6605H, St. Clair, Cleveland, Ohio
Iles, Edw., machsts. & fndrs., Lincoln, Ill.
Ilg Elec. Ventg. Co., elec. disc. fans, blowers, etc., 154 Whiting, Chicago, Ill.
Ilgentritz, E. C., & Co., landscape architects, 30 Prentiss av, Detroit, Mich.
Iliff Bros., contractors, London, Ohio.
Iliff-Bruff Chem. Co., Hoopeston, Ill.
Iliff, Glen H., architect, N. O. Box 1121H, Billings, Mont.
Iliff, John W., & Co., map tacks, 54 W. Lake, Chicago, Ill.
Iliffe, Wm. H., contractor, Watertown, Mass.
Ilfelder, B., & Co., slate pencils, 29 Union sq, New York.
Illig & Hartmann, burning brands, 211 Pine, St. Louis, Mo.

Illingsworth, Fred., contractor, Muncie, Ind.
Illingworth, John, Steel Co., high speed steel, Tacony & Lewis, Philadelphia, Pa.
Ill. Art Metal Co., tin plate, metals, etc., Springfield, Ill.
Ill. Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.
Ill. Brick Co., 111 W. Washington, Chicago, Ill.
Ill. Bridge Co., Monadnock Bldg., Chicago, Ill.
Ill. Bronze Powder Co., 162 W. Randolph, Chicago, Ill.
Ill. Cabinet Co., Dept. H, Rockford, Ill.
Ill. Canning Co., Hoopeston, Ill.
Ill. Car Co., Urbana, Ohio.
Ill. Car & Mfg. Co., machsts., 20 W. Jackson blvd., Chicago, Ill.
Ill. Casket Co., 2330 W. Van Buren, Chicago, Ill.
Ill. Clay Products Co., fire clay, Oglesby, Ill.
Ill. Concrete Machine Co., steel centering, Buda, Ill.
Ill. Condensed Milk Co., canners, White Hall, Ill.
Ill. Corr. Metal Co., road culverts, Springfield, Ill.
Ill. Die & Tool Wks., 162 N. Desplaines, Chicago, Ill.
Ill. Electric Porcelain Co., Macomb, Ill.
Ill. Elec'l Mfg. Co., Peoria, Ill.
Ill. Elevator Co., 224 N. Union av, Chicago, Ill.
Ill. Engng. Co., W. 21st & So. Racine av, Chicago, Ill.
Ill. Fire Proof Covering Co., 216 W. Kinzie, Chicago, Ill.
Ill. Flower Box Co., 180 N. Dearborn, Chicago, Ill.
Ill. Foundry & Machine Co., Belleville, Ill.
Ill. Fndry & Specialty Co., Morris, Ill.
Ill. Glass Co., Alton, Ill.
Ill. Granite & Stone Wks., Springfield, Ill.
Ill. Hydraulic Stone & Construction Co., Elgin, Ill.
Ill. Iron & Bolt Co., Carpentersville, Ill.
Ill. Kaolin Co., fire clay, Anna, Ill.
Ill. Knitting Mills, 1107 Broadway, New York.
Ill. Leather Co., 930 N. Halsted, Chicago, Ill.
Ill. Lumber, Grain & Coal Co., Hoopeston, Ill.
Ill. Maintenance Co., machsts., 72 W. Adams, Chicago, Ill.
Ill. Malleable Iron Co., iron fndrs., pipe fittings & plumbers, gas & water work supplies; conduit hangers, etc., 1801 Diversey blvd, Chicago, Ill.
Ill. Mfg. & Supply Co., dust arresters, feed & fireless cookers, sand blast machy., tumbling & water cinder mills, Quincy, Ill.
Ill. Mineral Milling Co., flint, color mfrs. & importers, East St. Louis, Ill.
Ill. Modern Button & Mach. Co., 2407 W. Ohio, Chicago, Ill.
Ill. Mosaic Tile Co., 3601 S. Ashland av, Chicago, Ill.
Ill. Moulding Co., 2411 W. 23d, Chicago, Ill.
Ill. Nail Co., 826 Dix, Chicago, Ill.
Ill. Nat. Supply Co., mill & facty. supplies, Lawrenceville, Ill.
Ill. Nat. Supply Co., oil & gas well supls, machy. dlrs., Casey, Ill.
Ill. Oil Co., of Rock Island, Rock Island, Ill.
Ill. Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Ill. Packing Box Co., 925 N. Halsted, Chicago, Ill.
Ill. Pipe & Iron Mfg. Co., 3465 So. Lawndale av, Chicago, Ill.
Ill. Printing Co., pads & tablets, Danville, Ill.
Ill. Pump & Brass Co., machsts. & fndrs., Peoria, Ill.
Ill. Pure Aluminum Co., cooking apparatus mfrs., Lemont, Ill.
Ill. Razor Strop Co., 2035 Charleston, Chicago, Ill.
Ill. Refrigerator Co., Morrison, Ill.
Ill. School Furniture Co., Rockford, Ill.
Ill. Sewing Mach. Co., Rockford, Ill.
Ill. Show Case Wks., 1735 N. Ashland av, Chicago, Ill.
Ill. Silo & Tractor Co., Bloomington, Ill.
Ill. Smelting & Refining Co., 410 N. Peoria, Chicago, Ill.
Ill. Spring & Stamping Co., 2341 N. Keystone av, Chicago, Ill.
Ill. Steel Bridge Co., steel structural work, Jacksonville, Ill.
Ill. Steel Co., 208 S. La Salle, Chicago, Ill.
Ill. Stoker Co., Alton, Ill.
Ill. Stone Co., 29 S. La Salle, Chicago, Ill.
Ill. Terra Cotta Lbr. Co., 119th & Calu. Lake, Chicago, Ill.
Ill. Testing Laboratories, electrical engineers, 430 S. Green, Chicago, Ill.
Ill. Thresher Co., Sycamore, Ill.
Ill. Tool Wks., die filing machines, 154 E. Erie, Chicago, Ill.
Ill. Valley Silica Co., silica sand, Ottawa, Ill.
Ill. Watch Case Co., Elgin, Ill.
Ill. Watch Co., machsts., Springfield, Ill.
Ill. Zinc. Co., spelter & zinc mfrs., etc., Peru, Ill.
Illustrated Postal Card & Novelty Co., 160 5th av, New York.
Illustrated World, trade publication, 58th & Drexel, Chicago, Ill.
Ils, John G., & Co., cooking apparatus, 839 Mission, San Francisco, Cal.
Ilsley, Doubleday & Co., paint mfrs. & greases, 229 Front, New York.
Imbler Fence & Mfg. Co., Alexandria, Ind.
Imboden Harrow & Roller Co., Cleona, Pa.
Imboden, I. C., Mfg. Co., bit brace chucks, Cleona, Pa.
Imbs, J. F., Milling, flour, Belleville, Ill.
Imbs, Thomas F., architect, 2442 N. Grand av, St. Louis, Mo.
Imex Corp., cerium & alloy, 23 Beaver, New York.
Imhauser, E., Co., watchman's clocks & time recorders, 212 B'way, New York
Imhoff, J. S. C., architects, 76 Montgomery, Jersey City, N. J.
Immaculate Kaolin Co., Easton, Pa.
Immel Co., auto bodies, 1687 S. High, Columbus, Ohio.
Immel Constr. Co., Fond Du Lac, Wis.
Immel, Jno., & Sons Co., see Immel Co. (successor).
Impellitier, Jos., architect, 156 Elmwood av, Buffalo, N. Y.
Imperato, F. P., architect, 106 De Graw, Brooklyn, N. Y.
Imperial Art Glass & Lamp Wks., glass shades, etc., 205 W. 19th, New York.
Imperial Bagging Co., Norfolk, Va.
Imperial Bearing Co., 1217 Forest av, E., Detroit, Mich.
Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
Imperial Bit & Snap Co., saddlery hdwe. mfrs., N. W. cor 14th, Racine, Wis.
Imperial Brass Mfg. Co., 1200 W Harrison, Chicago, Ill. *See adv index at end of book*
Imperial Broom Wks., 172 N. May, Chicago, Ill.
Imperial Button Co., 27 N. 7th, Philadelphia, Pa.
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
Imperial Carving Co., caskets, ornaments, Allegan, Mich.
Imperial Chemical Co., boiler compounds, 514 N. American, Philadelphia, Pa.
Imperial Color Works, Inc., extracts & colors, dry & pulp colors, dyestuffs, etc., Glens Falls, N. Y.
Imperial Co., fertilizer mfrs., Norfolk, Va.
Imperial Construction & Real Estate Co., 29 Kensington, New Haven, Conn.

Imperial Cotton Mills., Eatonton, Ga.
Imperial Desk Co., Evansville, Ind.
Imperial Dyewood Co., Inc., hyperin extracts, Glens Falls, N. Y.
Imperial Elec. Clock Co., St. Louis, Mo.
Imperial Electric Co., motors & generators, Akron, Ohio.
Imperial Elec. Co., rectifiers, Union City, Ind.
Imperial Filter Mfg. Co., water filters, 1010 Olive, St. Louis, Mo.
Imperial Floor Co., Rochester, N. Y.
Imperial Furn Co., Dept. H, Rockford, Ill.
Imperial Furn. Co., Grand Rapids, Mich.
Imperial Furn. Mfg. Co., Dept. H, Statesville, N. C.
Imperial Gas Engine Co., 60 Clementina, San Francisco, Cal.
Imperial Glass Co., Bellaire, Ohio, Charleroi, Pa., 29 E. Madison, Chicago, Ill.
Imperial Glue Co., 1 Drumm, San Francisco, Cal.
Imperial Knitting Co., sweaters, etc., 1075 3d, Milwaukee, Wis.
Imperial Leather Mfg. Co., 847 W. Harrison, Chicago, Ill.
Imperial Lbr. Co., Palmer, W. Va.
Imperial Machy. Co., Grand Rapids, Mich., & 1611 Central av, Minneapolis, Minn.
Imperial Mfg. Co., aprons (canvas, duck, mechanics'; waterproof), Dayton, Ohio.
Imperial Mfg. Co., carbon paper, typewriter ribbons, 297 Washington, Newark, N. J.
Imperial Mfg. Co., piano cases, Stamford, Conn.
Imperial Mfg. & Trading Co., corn brooms, 253 B'way, New York.
Imperial Methods Co., filing cabinets & devices, 312 W. Madison, Chicago, Ill.
Imperial Oil & Gas Products Co., carbon black, Harrisville, W. Va.
Imperial Packing Corp., steam packing, 191 Greenwich, New York.
Imperial Paint Co., 80 10th, Long Island City, N. Y.
Imperial Pearl Button Co., 131 W. 23d, New York.
Imperial Polish Co., 54 N. 2d, Philadelphia, Pa.
Imperial Porcelain Wks., porcelain specialties, Trenton, N. J.
Imperial Shipbldg. Corp., Ft. Dubois, Detroit, Mich.
Imperial Steel Cabinet Co., 2144 Fulton, Chicago, Ill.
Imperial Steel Range Co., 2900 Detroit av, Cleveland, Ohio.
Imperial Stone Co., Bedford, Ind.
Imperial Sugar Co., Sugarland, Tex.
Imperial Tool Co., Bloomington, Ill.
Imperial Valley Hdwe. Co., Holtville, Cal.
Imperial Wall Paper Co., Glens Falls, N. Y.
Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.
Imperial Wheel Co., Flint, Mich.
Imperial Wire & Iron Wks., bank & office railings, Louisville, Ky.
Imperial Woolen Co., blankets, Main & Rector, Phila., Pa.
Impervious Package Co., cans, kegs, Keene, N. H.
Impervious Varnish Co., lacquering & japanning for the trade and mfrs. of varnishes, japans, lacquers & enamels, 421 Wood, Pittsburgh, Pa.
Implement Trade Journal Co., publications, graphic arts bldg., Kansas City, Mo.
Imports & By Products Co., Inc., whiting mfrs., Trenton, N. J.
Import Sales Co., dec. elec. lighting, 27 W. 20th, New York.
Imprint Pencil Co., advtg. pencils, 530 B'way, New York.
Improved Aluminum Gasco Protector Co., respirators, protectors, etc., 1103 North av, Waukegan, Ill.
Improved Appliance Co., furnaces, brazing tables, 413 Kent av, Brooklyn, N. Y.
Improved Brick Co., Salt Lake City, Utah.
Improved Dodge Guano Co., Eastman, Ga.
Improved Equipment Co., gas wks. app., 60 Wall, New York
Improved Gauge Mfg. Co., 105 Canal, Syracuse, N. Y.
Improved Mailing Case Co., 309 B'way, New York.
Improved Office Partition Co., Broome & Clark, New York.
Improved Paper Machy. Co., Nashua, N. H.
Improved Sanitary Fixture Co., bath & lavatory, 612 Metropolitan Bldg., Los Angeles, Cal.
Improved Sewer Cleaning Mach. Co., 1720 Cedar, Milwaukee, Wis.
Improvement Bulletin, trade publications, 610 Exchange, Minneapolis, Minn.
Imse-Schilling Sash & Door Co., 21st & Papin, St. Louis, Mo.
Incandescent Burner Co., Arc, gas lamps, 395 Claremont av, Brooklyn, N. Y.
Incandescent Light Mfg. Co., Council Bluffs, Ia.
Incandescent Light & Stove Co., machsts. & fndrs., Madisonville, Cincinnati, Ohio.
Incandescent Supply Co., gas & elec. fixtures, 726 Mission, San Francisco, Cal.
Indelli & Conforti Co., contractors, 847 Bryant av, New York.
Independence Canning Corp., Independence, Ia.
Independence Corrugated Culv. Co., Independence, Ia.
Independence Electric & Milling Co., flour, Independence, Va.
Independence Elevator Co., 7th & Wood, Philadelphia, Pa.
Independence Iron Works Co., Independence, Kan.
Independence Shale Brick Plant, Independence, Mo.
Independence Stove & Fdry. Co., mfrs., Independence, Mo.
Independence Veneer & Box Mfg. Co., Ltd., Independence, La.
Independent Aetna Sprinkler Co., Phila., Pa., & 78 Clinton, Chicago, Ill.
Independent Asphalt Paving Co., Seattle, Wash.
Independent Brass Foundry, Louisville, Ky.
Independent Brick Co., Md. Trust Bldg., Baltimore, Md.
Independent Bridge Co., steel constn., May Bldg., Pittsburgh, Pa.
Independent Chair Co., 32 Pitts, Boston, Mass.
Independent Chemical Co., nitric acid, 122H West, New York
Independent Coal & Coke Co., Salt Lake City, Utah.
Independent Construction Co., Davenport, Ia., & Terre Haute, Ind.
Independent Cork Co., 574-76 Hamilton av, c. 17th, Brooklyn, N. Y.
Independent Die Co., Brockton, Mass.
Independent Elec. Machy Co., stor. abttery charging sets, 1917 Central, Kansas City, Mo.
Independent Fertilizer Co., Jacksonville, Fla.
Independent Fdry. Co., 743 York, Portland, Ore.
Independent Glass Co., window, Sistersville, W. Va.
Independent Gravel Co., Webb City, Mo.
Independent Guano Co., fertz. mfrs., Greenville, S. C.
Independent Harvester Co., Plano, Ill.
Independent Iron & Steel Co., 24 California, San Francisco, Cal.
Independent Lamp & Wire Co., 1733 B'way, New York.
Independent Lime & Stone Co., Druecker, Wis.
Independent Lumber & Coal Co., Sauk Center, Minn.
Independent Metal Strap Co., 56 Prince, New York.
Independent Motor Co., Youngstown, Ohio.
Independent Oil Co., Mansfield, Ohio.
Independent Oil & Fertz. Wks., Columbus, Miss.
Independent Oil & Grease Co., 268 S. Water, Milwaukee, Wis.
Independent Packers Fertilizing Co., Columbus, Ohio.
Independent Packing Co., meat, 41st & Halsted, Chicago, Ill., & Tulsa, Okla.
Independent Pneumatic Tool Co., pneumatic & electric tools, 600 W. Jackson blvd., Chicago, Ill.
Independent Refining Co., Ltd., Rouseville, Pa., and Oil City, Pa.
Independent Register & Mfg. Co., machsts. & fndrs., 713 Frankfort, Cleveland, Ohio.
Independent Roller Milling Co., flour, North Mountain, W. Va.
Independent Salt Co., 44 Whitehall, New York.
Independent Sheet Metal Co., corn. & skylights, Seattle, Wash.
Independent Steel Corp., nails, iron & steel sheets, etc., 111 Broad, New York.
Independent Stove Co., Owosso, Mich.
Independent Supply Co., mill & facty. supplies, 36 South, New York.
Independent Tack Co., Oil City, Pa.
Independent Whip Co., Westfield, Mass.
Inderrieden Canning Co., 336 River, Chicago, Ill.
Indestructible Ash Can Co., 495 Broome, New York.
Indestructible Sign Co., H Schultz bldg, Columbus, Ohio
Indestructible Wheel Co., Lebanon, Ind.
Index-Galena Lumber Co., Index, Wash.
Index Republican Co., advtg. nov., Bellefontaine, Ohio.
Index Visible, Inc., filing devices & visible card systems, 441 Chapel, New Haven, Conn.
Indexo Co., tooth brushes, 33 W. 42d, New York (tr.)
India Alkali Wks., soap powders & cleaning compds., 28 India Wharf, Boston, Mass.
India Cocoa Matting Mfg. Co., 86 Butler, Brooklyn, N. Y.
India Palmette Brush Co., 1274 12th, Detroit, Mich.
India Rubber Co., hard rubber, New Brunswick, N. J.
India Rubber Co., tires, Mogadore, Akron, O.
India Rubber Tire Co., 1512 S. Mich. av, Chicago, Ill.
India Rubber World, trade publication, 25 W. 45th, New York.
Indiahoma Refining Co., petroleum & its prod., E. St. Louis, Ill.
Indian Furn. Co., Dept. H, Louisville, Ky.
Indian Head Mills of Ala., Cordova, Ala.
Indian Head Table Co., Dept. H, Nashua, N. H.
Indian Orchard Co., cable cords, tex. machy., warps, Indian Orchard, Mass.
Indian Refining Co., asphalt miners, oils, wax, etc., 244 Madison, New York.
Indian Sand, Lime, Brick Co., Greenfield, Ind.
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
Ind. Air Pump Co., Indianapolis, Ind.
Ind. Asphalt Paving Co., contrs., Indianapolis, Ind.
Ind. Bedford Stone Co., Bedford, Ind.
Ind. Board & Filler Co., Vincennes, Ind.
Ind. Box Co., Elwood, Ind.
Ind. Brass Co., plbrs. brass gds., Frankfort, Ind.
Ind. Brass & Iron Bed Co., Mooresville, Ind.
Ind. Brick Co., Anderson, Ind.
Ind. Bridge Co., steel struct. wk., Muncie, Ind.
Ind. Canning Co., Evansville, Ind.
Ind. Car & Equipment Co., 20 W. Jackson blvd., Chicago, Ill.
Ind. Chemical & Mfg. Co., printing inks, 135 S. East, Indianapolis, Ind.
Ind. Collar Co., Evansville, Ind.
Ind. Concrete Mold Co., curb forms, Peru, Ind.
Ind. Condensed Milk Co., canned, Sheridan, Ind.
Ind. Creosoting Co., Louisville, Ky.
Ind. Die Casting Co., machy., Indianapolis, Ind.
Ind. Drain Tile Co., Brooklyn, Ind.
Ind. Dredging Co., Royal Center, Ind.
Ind. Engng. & Constr. Co., Fort Wayne, Ind.
Ind. Feather Stamping Co., Williamsport, Pa.
Ind. Fan Co., 40 E. South, Indianapolis, Ind.
Ind. Flooring Co., 232 Rider av, New York.
Ind. Foundry Co., Indiana, Pa.
Ind. Furn. Co., Dept. H, Evansville, Ind.
Indiana Fuel Supply Co., smoke consumers, Indianapolis, Ind.
Ind. Glass Co., Dunkirk, Ind.
Ind. Handle Co., Vincennes, Ind.
Ind. Heading & Stave Co., Huntingburg, Ind.
Ind. Hollow Ware Co., machsts. & fndrs., Jeffersonville, Ind.
Indiana Illinois Coal Corp., 10 S. La Salle, Chicago, Ill.
Ind. Indestructible Paint Co., 1247 Belmont av, Chicago, Ill.
Indiana Laboratories Co., Inc., metallurgical engrs., Hammond, Ind.
Ind. Lamp Co., Connersville, Ind.
Ind. Limestone Co., Bedford, Ind.
Ind. Lumber Co., Kokomo, Ind. & Nashville, Tenn.
Ind. Lumber & Mfg. Co., interior woodwork mfrs., South Bend, Ind.
Ind. Mach. Co., middling mills, feed governors, Hagerston, Ind.
Ind. Machine Shop Co., Oroville, Cal.
Ind. Mfg. Co., agricultural implements, Merchants' Bank Bldg., Indianapolis, Ind.
Ind. Match Corp., Crawfordsville, Ind.
Ind. Mould & Mach. Wks., Muncie, Ind.
Ind. Paper Co., pads & tablets, Indianapolis, Ind.
Ind. Paving Brick & Block Co., Brazil, Ind.
Ind. Quarries Co., stone prod., 280 Madison av, New York., & 112 W. Adams, Chicago, Ill.
Ind. Rolling Mill Co., New Castle, Ind.
Ind. Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Ind. Sewer Pipe Co., Mecca, Ind.
Ind. Shovel Co., New Castle, Ind.
Ind. Silo Co., Anderson, Ind.
Ind. Steel Co., 208 S. La Salle, Chicago, Ill.
Ind. Steel Co., rolling mills, Gary, Ind.
Ind. Steel Products Co., 127 N. Peoria, Chicago, Ill.
Ind. Steel & Wire Co., Muncie, Ind.
Ind. Stove Wks., Evansville, Ind.
Ind. Tank Heater Co., Argos, Ind.
Ind. Tie Co., Evansville, Ind.
Ind. Truck Co., Marion, Ind.
Ind. Veneer & Lbr. Co., Indianapolis, Ind.
Ind. Veneer & Panel Co., New Albany, Ind.
Ind. Wagon Co., Lafayette, Ind.
Ind. Wood Products Co., broom handles, Spencer, Ind.
Ind. Zinc Creosoting Co., Terre Haute, Ind.

Indianapolis Abattoir Co., meat packers, W. Morris & White River, Indianapolis, Ind.
Indianapolis Alumn. Casting Co., fndrs., Indianapolis, Ind.
Indianapolis Belting & Supply Co., 32 S. Capitol av, Indianapolis, Ind.
Indianapolis Bleaching Co., cotton sheetings, Indianapolis, Ind.
Indianapolis Blue Print & Supply Co., Century Bldg., Indianapolis, Ind.
Indianapolis Bolster Spring Co., 326 W. Georgia, Indianapolis, Ind.
Indianapolis Brass Co., mchsts. & fndrs., Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Indianapolis Cable Excavator Co., Indianapolis, Ind.
Indianapolis Casket Co., 521 W. North, Indianapolis, Ind.
Indianapolis Chemical Co., boiler compounds, 1444 Madison av, Indianapolis, Ind.
Indianapolis Coal Co., masons' & bldrs.' matls., 234 Newton, Indianapolis, Ind.
Indianapolis Concrete Co., contrs., Indianapolis, Ind.
Indianapolis Cordage Co., 1959 S. Meridian, Indianapolis, Ind.
Indianapolis Corrugating Co., sheet steel ceilings, incubators & brooders, etc., Indianapolis, Ind.
Indianapolis Dash Co., auto. tops, 2116 S. Meridian, Indianapolis, Ind.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Indianapolis Drug Cabinet Co., Indianapolis, Ind.
Indianapolis Excelsior Machy. Co., Indianapolis, Ind.
Indianapolis Fdry. Co., Indianapolis, Ind.
Indianapolis Glove Co., Indianapolis, Ind.
Indianapolis Machinery Co., 462 W Washington, Indianapolis, Ind.
Indianapolis Mfrs. & Carpenters' Union, lbr. mfrs., Indianapolis, Ind.
Indianapolis Mortar & Fuel Co., 407 Odd-Fellow, Indianapolis, Ind.
Indianapolis Paint & Color Co., Indianapolis, Ind.
Indianapolis Paste Co., Indianapolis, Ind.
Indianapolis Roofing Co., cornices, 155 Kentucky av, Indianapolis, Ind.
Indianapolis Saddlery Co., horse collars, 237 S. Meridian, Indianapolis, Ind.
Indianapolis Sawed Veneer Co., Indianapolis, Ind.
Indianapolis Stove Co., Indianapolis, Ind.
Indianapolis Switch & Frog Co., Springfield, Ohio.
Indianapolis Tent & Awning Co., Indianapolis, Ind.
Indianapolis Terra Cotta Co., Indianapolis, Ind.
Indianapolis Tool & Mfg. Co., machsts., Indianapolis, Ind.
Indianapolis Varnish Co., Indianapolis, Ind.
Indianapolis Wire Bound Box Co., 1300 Bucher, Indianapolis, Ind.
Indianola Cotton Oil Co., Indianola, Miss.
Indicating Calipers Co., 506 E. 19th, New York.
Indicator Instruction Co., engng. school & coll., Newark, N. J.
Indispensable Mfg. Co., lump cord adjusters, San Francisco, Cal.
Individual Drinking Cup Co., paper cups, 220 W. 19th, New York.
Individual Key Ring Co., Hartford, Conn.
Industrial Brick Co., Mount Vernon, Ind.
Industrial Brick Wks., Boonville, Ind.
Industrial Chemical Co., dyestuffs and intermediates, East Providence, R. I.
Industrial Chemical Co., filtchar, blacks, alba, whiting & super, 200 5th av, New York.
Industrial Chem. Co., Massasoit av, Providence, R. I.
Industrial Controller Co., electric controllers & specialties, 890 Greenbush, Milwaukee, Wis.
Industrial Cotton Oil Properties, Houston, Tex.
Industrial Distilling Co., Waterloo, N. Y.
Industrial Elec. Mfg. Co., cooking app., 139 Beanhien, Detroit, Mich.
Industrial Filtration Corp., 115 Broadway, New York.
Industrial Foundry Co., cow watering bowls, St. Johns, Mich.
Industrial Fdry. & Mach. Co., Pottstown, Pa.
Industrial Furnace Corp., 10 Postoffice sq, Boston, Mass.
Industrial Glass Co., glass bottles, Lancaster, N. Y.
Industrial Iron Co., iron & steel wks., 1 Madison av, New York
Industrial Iron Wks., Clinton, Mo.
Industrial Iron Works., machsts. & fdrs., Ludington, Mich., & Union City, Pa.
Industrial Laboratories, Inc., sweeping compounds, Ft. Smith, Ark.
Industrial Lbr. Co., Elizabeth, La.
Industrial Machinery Corp., 147 Provost, Jersey City, N. J.
Industrial Management, The Engineering Magazine, trade publication, 116 W. 32nd, New York.
Industrial Mfg. Co., machsts.—sewing machines, Camden, N. J.
Industrial Products Co., machsts., 334 N. Irving av, Chicago, Ill.
Industrial Requirements Co., Mill & Facty. supplies, 136 Chestnut, Philadelphia, Pa.
Industrial Research Co., assayers & research chemists, 28 Belden pl, San Francisco, Cal.
Industrial Research Corp., engnrs., P. O. Box 1633H, New Haven, Conn.
Industrial Rice Mill, Houston, Tex.
Industrial & Sales Corp., wiping cloth & waste, 4 South, New York
Industrial Starch Co., 185 Devonshire, Boston, Mass.
Industrial Steel & Brass Corp., jobbers, 602 W. Lake, Chicago, Ill.
Industrial Supply Co., mill & facty. supplies, Jenkins Arcade, Pittsburgh, Pa., Brazil, Ind., & Keokuk, Iowa, & 41 Broad, New York.
Industrial Supply & Equipment Co., rail benders, braces, joints, etc., 407 Sansom, Phila., Pa.
Industrial Tape Mills Co., tex. machy., supplies, etc., Jasper & Huntington, Phila., Pa.
Industrial Truck Co., storage battery locomotives, tractors & trucks, Holyoke, Mass.
Industrial Welding Co., welded products mfrs., 207 Guilford av, Baltimore, Md.
Industrial Wire & Metal Wks., 95 High, Newark, N. J.
Industrial Works, wrecking cranes, 11th & Wash., Bay City, Mich.
Industry File Works, Cleveland, Ohio.
Infanger, Chas., architect, 2634 Atlantic av, Brooklyn, N. Y.
Ingalls, Arthur R., architect, 7207 Yale av, Chicago, Ill.
Ingalls & Co., binders' board, Castleton, N. Y.
Ingalls, Harry C., architect, 347 Madison av, New York.
Ingalls Iron Wks. Co., struct'l and steel, Birmingham, Ala.
Ingalls & Kendricken, htg. contrs., 47 Bowker, Boston, Mass.
Ingalls-Shepard Forging Co., 322 S. Mich. av, Chicago, Ill.
Ingalls Stone Co., Belford, Ind.
Ingemann Co., contractors, 1930 St. Anthony av, St. Paul, Minn.
Ingersoll Constr. Co., 324 Fourth av, Pittsburgh, Pa.
Ingersoll Engng & Constr. Co., 70 E. 45th, New York.
Ingersoll, J. H., & Co., canned goods, Exeter, N. H.
Ingersoll Milling Machine Co., Rockford, Ill.
Ingersoll, O. W., paint mfrs., 243 Plymouth, Bklyn, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Ingersoll-Rand Co., fndrs. & pneumatic machy. mfrs., 11 B'way, New York. *See adv. index at end of book.*
Ingersoll-Rand Drill Co., 300 N. B'way, St. Louis, Mo.
Ingersoll, Robt. H., & Bro., watches, toys, tire pumps, etc., 315 4th av, New York.
Ingersoll Shingle Mfg. Co., Shelton, Wash.
Ingersoll Stouffer Engng. Co., Marshalltown, Iowa.
Ingerson & Glaser Co., stained glass, 1739 Sacramento, San Francisco, Cal.
Ingham & Boyd, architects, Vandergrift Bldg., Pittsburgh, Pa.
Ingham Lumber Co., Long Bldg., Kansas City, Mo.
Ingle Bros. Broom Corn Grain & Supply Co., H North, Kansas City, Mo.
Ingle Machine Co., gear tooth rounding & special machy., 175H Winton Road, Rochester, N. Y.
Ingle Mfg. Co., stove mfrs. & mchsts., San Diego, Cal.
Inglee, Lewis, architect, Amityville, New York.
Inglis Mfg. Co., gasoline pumps, 285 5th av., Milwaukee, Wis.
Inglis, Wm., Wire & Iron Wks., 61 Woodbridge av, Detroit, Mich.
Ingold, F. B., masons & bldrs. matls., Hickory, N. C.
Ingomar Lumber Co., 526 Federal, Pittsburgh, Pa.
Ingraham, A. S. Co., plating works, Attleboro, Mass.
Ingraham, E. Co., alarm clocks, Bristol, Conn.
Ingraham, George Hunt, architect, 1127 Guardian bldg, Cleveland, Ohio.
Ingraham Waste & Supply Co., mill & facty. supplies, 1539 Columbus rd, Cleveland, O.
Ingraham, Wm. B., contractor, Uniontown, Pa.
Ingram, A. P., lbr., Lewes, Del.
Ingram & Co., brick, New Brighton, Pa.
Ingram-Day Lbr. Co., Lyman, Miss.
Ingram, J. D., lbr., McBee, S. C.
Ingram-Richardson Mfg. Co., Enameled Iron Signs, Beaver Falls, Pa. *See adv index at end of book*
Ingram, W. H., cooking apparatus, coppersmiths, 106 N 3d, Philadelphia, Pa.
Ingram, W. T., sand & gravel, Jeffersonville, Ind.
Ink Ribbon Mfg. Co., typewriter ribbon & carbon paper, 635 Howard, San Francisco, Cal.
Inlaid Floor Co., mfrs. of ornamental floors, interior woodwork, grills & weather strips, 600 Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Inlaid Slate Co., roofing, Pen Argyl, Pa.
Inlaid Slate Co., Wickliffe, Newark, N. J.
Inland Casket Co., Spokane, Wash.
Inland Coal Co., bituminous, Greensburg, Pa.
Inland Crystal Salt Co., Salt Lake City, Utah.
Inland Delray Salt Co., Murphy bldg, Detroit, Mich.
Inland Elec. Co., 211 Chestnut, St. Louis, Mo.
Inland Iron Co., mill & facty. supplies, & whol. hdwe., Fresno, Cal.
Inland Knitting Works, Knitted Gloves, Green Bay, Wis.
Inland Machine Works, 17th & Locust, St. Louis, Mo.
Inland Malleable Iron & Steel Co., castings, Terre Haute, Ind.
Inland Portland Cement Co., see Lehigh Portland Cement Co. (successor).
Inland Printer, trade publication, 632 Sherman, Chicago, Ill.
Inland Steel Co., steel works, 38 S. Dearborn, Chicago, Ill.
Inland Supply Co., mill & fcty. & plbrs.' supplies, Danville, Ill.
Inland White Lead Co., paint mfrs., 741 Boston av, Chicago, Ill.
Inman Box Co., pckg. box mfrs., 2d & Delaware, Kansas City, Mo.
Inman Mfg. Co., mchsts. & fndrs., Amsterdam, N. Y.
Inman Mills, cotton sheetings, Inman, S. C.
Inman Poulsen Lbr. Co., ft. of E. Caruthers, Portland, Ore.
Inman Tile Co., common brick, Milligrove, Ind.
Inner Braced Furniture Co., desks, Elkhart, Ind.
Innes & Co., congogum, 132 Front, New York.
Innis, Speiden & Co., Inc., chemicals, 46 Cliff, New York *See adv. index at end of book.*
Innovation Electric Co., hand & power vacuum cleaners, 585 Hudson, New York.
Innovation Trunk Co., trunk mfrs., 3 Canal pl, New York.
Insecticide Co., Phelan Bldg., San Francisco, Cal.
Insinger Co., machsts., Stenton av, Phila., Pa.
Inskeep Mfg. Co., gloves, Washington, Ohio.
Insley, G. C., canned goods, Lakesville, Md.
Insley Mfg. Co., derricks, hoists, etc., bldrs., 3500 E. St. Clair, Indianapolis, Ind.
Insley & Mitchell, canned goods, Salisbury, Md.
Instantaneous Glue Converter Co., glue heaters, 3752 Montgomery av, Norwood, Cincinnati, Ohio.
Instantaneous Water Htg. Co., Kalamazoo, Mich.
Institute of Applied Arts, engng. schools & coll., Cincinnati, O.
Insulatine Co., wax, insulating compounds, 1 B'way, New York.
Insulating Materials Co., commutator compounds, 805 Wesson av, Detroit, Mich.
Insulation Co., Inc., insulating, fireproofing & waterproofing comp'ds, 190 Culver av, Jersey City, N. J.
Insulator Arrester Co., Duluth, Minn.
Insulite Chemical Co., waterproof mtls., Aurora, Ill.
Insull, Thos., coil, spiral & elliptic springs, 1439 Hutchinson, Philadelphia, Pa.
Insurance Fdry. Co., Covington, Ky.
Insurance Packing Mills, case linings, Brockton, Mass.
Integral Waterproofing Co., cement waterproofing material, 80 Front, New York.
Interboro Medal & Bodge Co., 16 Maiden Lane, New York.
Interborough Plumbing Supply Co., 3923 3d av, New York.
Interborough Sash & Door Co., 340 Junius, Brooklyn, N. Y.
Inter-Continental Machy. Corp., 165 B'way, New York.
Interior Lumber Co., Keenan Bldg., Pittsburgh, Pa.
Interior Woodwork Co., 523 Park, Milwaukee, Wis.
Interlaced Parquetry Co., parquet floors, 13 Lawrence, New York.
Interlake Pulp & Paper Co., Appleton, Wis.

Interlaken Mills, book cloth, shade cloth mfrs., Turks Head Bldg., Providence, R. I.
Interlocked Metallic Hose Co., Orchard & Scott, Newark, N. J.
Interlocking Fence Co., Morton, Ill.
Intermountain Bridge & Constr. Co., Tecumseh, Neb.
Intermountain Concrete Co., contrs., cement silos, water tanks, etc., Ogden, Utah.
International Agricultural Corp., fertilizer mfrs., 61 Broadway, New York.
International Arms & Fuse Co., annunciators, Bloomfield, N. J.
International Art Publishing Co., 1201 Race, Phila., Pa.
International Asphalt Co., 133 W. Washington, Chicago, Ill.
International Ball & Roller Bearing Co., machsts., 1283 Niagara, Buffalo, N. Y.
International Battery Co., 453 Broome, New York.
International Bedding Co., mattresses, Guilford & Charles av, Baltimore, Md.
International Boiler Cleaning Co., 343 N. Calvert, Balto., Md.
International Boiler Compound Co., 3028 S La Salle, Chicago, Ill.
International Boiler Wks. Co., tanks, etc., East Stroudsburg, Pa.
International Braid Co., 47 Charles, Providence, R. I.
International Brass & Elec. Co., 76 Beekman, New York.
International Brick Mach. Co., Binghamton, N. Y.
International Button Co., Rochester, N. Y.
International Cable Directory Co., publishers, 17 State, New York.
International Carbon Co., typewriter ribbons, 100 Grand, New York.
International Casement Co., window frame & sash, Jamestown, N. Y.
International Chemical Co., Camden, N. J.
International Cigar Machy. Co., 5520 2d av, Brooklyn, N. Y.
International Clay Machinery Co., Dayton, Ohio.
International Coal Products Corp., South Clinchford, Va.
International Composition Co., marine paints, 18 B'way, New York.
International Concentrator Co., ore, 149 B'way, New York.
International Confectioner, trade publication, 109 Lafayette, N. Y.
International Cooperage Co., Inc., Dept. H, Niagara Falls, N. Y.
International Cork Co., 99 Sutton, Brooklyn, N. Y.
International Cotton Mills, tire fabrics, 60 Federal, Boston, Mass.
International Couplers Co., 239 Fourth av, Pittsburgh, Pa.
International Creosoting & Canstr. Co., Galveston, Tex.
International Diamond Drill Contracting Co., Spokane, Wash.
International Distilling Co., Ltd., Pine & Gent'l Hood, New Orleans, La.
International Ditching & Road Machy. Co., Owensboro, Ky.
International Elec. Mfg. Co., melting pots, Indianapolis, Ind.
International Engineering Co., painting & spraying machines, air compressors, etc., 42 Exchange, Malden, Mass.
International Engng. Wks., machy. dlrs., 15 Park Row, New York.
International Engineering Wks., machsts., grate bars, steel tanks, etc., Framingham, Mass.
International Equip't Co., centrifugals, 352 Western av, Boston, Mass.
International Extract & Color Co., Utica, N. Y.
International Fabricating Corp., auto & spec. machy., 99 John, New York.
International Filter Co., 38 So. Dearborn, Chicago, Ill.
International Fire Proofing Paint Corp., 61 B'way, New York.
International Floor Mach. Co., 149 W. 36th, New York.
International Fdry., 6601 Morgan av, Cleveland, O.
International Glass Co., Millville, N. J.
International Glue Co., 201 Devonshire, Boston, Mass.
International Harness Machy. Co., 708 B'way, Cincinnati, Ohio.
International Harvester Co. of America, Harvester Bldg., Chicago, Ill.
International Heater Co., Utica, N. Y.
International High Speed Steel Co., tool steel, hollow & solid rock drill steel, 99 Nassau, New York. Works, Rockaway, N. J.
International Incandescent Lamp Works, 80 Bergenline av, Union Hill, N. J.
International India Rubber Corp., see Odell Rubber Co. (successors).
International Instrument Co., 23 Church, Cambridge, Mass.
International Insulating Corp., 25 W. 45th, New York.
International India Rubber Corp., South Bend, Ind.
International Insulation Co., insulating materials, International Falls, Minn.
International Lead Refining Co., pig lead, East Chicago, Ind.
International Leather & Belting Corp., Atlanta, Ga.
International Lime Co., Sumas, Wash.
International Lbr. Co., Builders' Exchange, Minneapolis, Minn.
International Mach. & Screw Co., Springfield, Mass.
International Machine Tool Co., 1124 W. 21st, Indianapolis, Ind.
International Mach. Tool Co., tapping mach., milling cutters, etc., Society for Savings Bldg., Cleveland, O.
International Mailing Tube & Wrapper Co., 212 Concord, Brooklyn, N. Y.
International Mfg. Co., machsts., seed cleaners, Crestline, Ohio.
International Marine Engin'g, trade publication, 6 E. 39th, New York.
International Metal Polish Co., Quill & Belt Ry., Indianapolis, Ind.
International Metal Reclaiming Co., 220 B'way, New York.
International Mill & Timber Co., house manufactures, Salzburg & M. C. R. R., Bay City, Mich.
International Minerals & Metals Corp., 61 B'way, New York.
International Molding Mach. Co., 2614 W. 16th, Chicago, Ill.
International Money Machine Co., Reading, Pa.
International Motor Co., machsts., 252 W. 64th, New York.
International Nickel Co., monel metal, 67 Wall, New York.
International Oil Refining Co., 1001 S. Wabash av, Chicago, Ill.
International Oxygen Co., gas mfrs., 796 Frelinghuysen av, Newark, N. J.
International Package Co., Inc., barrels, cans, drums & kegs, 111 Broad, New York. *See adv. index at end of book.*
International Packing Mach. Co., 434 E. 71st, New York.
International Paper Box Mach. Co., Nashua, N. H.
International Paper Co., 30 Broad, New York.
International Portland Cement Co., Spokane, Wash.
International Postal Supply Co., machsts., 634 Prospect pl, Brooklyn, N. Y.
International Pottery Co., Trenton, N. J.
International Process Co., digesters, paper & pulp mill machy., 5 Beekman, New York.
International Products Co., paint, 69 Church, Buffalo, N. Y.
International Provision Co., 33 Degraw, Brooklyn, N. Y.
International Pulp Co., clays, minerals, etc., 41 Park Row, New York.
International Refining Co., naphtha, Columbus, Ohio.
International Register Co., badges, punches, car fittings, etc., 15 S. Throop, Chicago, Ill.
International Rice Mills Co., Eagle Lake, Tex.
International Roll Paper Co., North Manchester, Ind.
International Roofing Mfg. Co., 5301 S. Western av, Chicago, Ill.
International Rubber Co., 120 B'way, New York.
International Safety Razor Corp., Bloomfield, N. J.
International Salt Co., Scranton, Pa.
International Scale Co., Dayton, Ohio.
International Seal & Knot Protector Co., 133 Mercer, New York.
International Seal & Lock Co., Hastings, Mich.
International Seed Co., Rochester, N. Y.
International Ship Fittings & Supply Corp., 212-214 Fulton, Brooklyn, N. Y.
International Shipbldg. & Marine Engng. Corp., Nyack, N. Y.
International Sign Co., glass, 1276 W. 3rd, Cleveland, O.
International Silica Co., miners & millers, Cairo, Ill.
International Silo Co., Linesville, Pa.
International Silver Co., sterling silver ware, Meriden, Conn.
International Slate Co., Slatington, Pa.
International Smelting Co., 42 B'way, New York.
International Sprinkler Co., automatic fire sprinklers, 123 William, New York.
International Steel & Iron Co., Evansville, Ind.
International Steel Tie Co., 16702 Waterloo av, Cleveland, Ohio.
International Stereograph Co., lantern slides, Decatur, Ill.
International Sugar Feed Co., 15 Av, S. E. & Rollins, Minneapolis, Minn.
International Supply Co., soap makers, Second & Bent, Cambridge, Mass.
International Tag Co., 325 N. Whipple, Chicago, Ill.
International Ticket Co., calendars, etc., 50 Grafton av, Newark, N. J.
International Time Recording Co., self-winding clocks, Endicott, N. Y.
International Trade Developer, publications, 168 N. Michigan av, Chicago, Ill.
International Trade Press, Inc., publications, Monadnock Bldg., Chicago, Ill.
International Ultramarine Wks., ultramarine blues, 115 Leonard, New York.
International Vegetable Oil Co., Atlanta, Ga.
International Window Mfg. Co., 2007 W. Allegheny av, Philadelphia, Pa.
Interocean Barge & Transport Co., Seattle, Wash.
Interocean Cabinet Co., special cabinet work, 320 S. Pauline, Chicago, Ill.
Interocean Oil Co., 90 West, New York.
Inter-Ocean Oil Co., lubricating oils, 171 N. Green, Chic., Ill.
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
Interstate Bridge Forge & Mfg. Co., mine cars, hoisting machy., railing, cranes, trucks, etc., 207 Market, Newark, N. J.
Interstate Building Material Co., Union City, Ind.
Inter-State Car Co., Indianapolis, Ind.
Interstate Chem. Co., soap, compounds, 657 Garfield av, Jersey City, N. J.
Interstate Constr. Co., Derby, Conn., & 29 Weybosset, Providence, R. I.
Interstate Contract Co., Bates Bldg., Portland, Ore.
Interstate Contrg. & Supply Co., stone prod., East St. Louis, Ill.
Interstate Cooperage Co., 56 New, New York.
Inter-State Cornice Wks., Sioux City, Iowa.
Interstate Drop Forge Co., forgings, 2100 27th, Milwaukee, Wis. *See adv. index at end of book.*
Interstate Electric Co., 356 Baronne, New Orleans, La.
Interstate Elec. Nov. Co., elec. lamp flashlights, 104 S. 4th, Brooklyn, N. Y.
Inter-State Engine & Tractor Co., farm implements, Waterloo, Ia.
Interstate Equip't Co., concrete mixers, South Bend, Ind.
Interstate Equip't Corp., wire rope, tramways, 7 Pine, New York.
Interstate Fire Clay Co., Citizens Bldg., Cleveland, Ohio.
Interstate Foundry Co., E. 61st & Erie R. R., Cleveland, Ohio.
Interstate Hardware & Supply Co., Bristol, Tenn.
Interstate Iron & Steel Co., 104 S. Mich. av, Chicago, Ill.
Interstate Limestone Co., Youngstown, Ohio.
Interstate Lumber Co., Quitman, Ga., Stillwater, Minn., & The Arcade, Cleveland, Ohio.
Interstate Machine Products Co., force feed lubricators, fire horns, 56 Allen, Rochester, N. Y.
Interstate Machinery Co., Troy, N. Y.
Interstate Material Co., masons' & bldrs.' matls., Davenport, Ia.
Interstate Motor Co., Muncie, Ind.
Interstate Packing Co., meat, Winona, Minn.
Interstate Roofing & Foundry Co., Anniston, Ala.
Interstate Rubber Co., Spokane, Wash.
Interstate Shade Cloth Co., Hoboken, N. J.
Interstate Stone Co., Lima, Ohio.
Interstate Supply Co., oil well supplies, 1432H Oliver Bldg., Pittsburgh, Pa.
Interstate Tractor Co., gas engines, Waterloo, Ia.
Intertype Corp., typesetting machines, 50 Court, Brooklyn, N. Y.
Introstile Mfg. Co., nail boxes, twine holders, Marietta, Ohio.
Invader Oil Co., graphite lubricants & greases, 76 Pearl, New York.
Inverness Mills Co., cotton sheetings, Winston-Salem, N. C.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Invincible Grain Cleaner Co., grain cleaning machy., Silver Creek, N. Y.
Invincible Mfg. Co., belt dressing, Central Nat'l Bank Bldg., Columbus, O
Invincible Metal Furn. Co., filing cabinets & devices, Manitowoc, Wis.
Invincible Vacuum Clnrs. Mfg. Co., Canal Dover, O.
Invisible Roll Screen Co., East av, Long Island City, N. Y.
In-Vu Mfg. Co., mail receptacles, Rochester, N. Y.
Iola Brick Co., Iola, Kan.
Iona Ventilator Co., 2319 N. Laura, Philadelphia, Pa.
Ione Firebrick Co., Monadnock Bldg., San Francisco, Cal.
Ionia Fine Art Pottery, domestic china, Trenton, N. J.

Ionia Pottery Co., Ionia, Mich.
Iowa Boiler Works, Des Moines, Ia.
Iowa Brass Fdry., Waterloo, Ia.
Iowa Bridge Co., Des Moines, Ia.
Iowa Builders' Supply Co., 730H Higley Bldg., Cedar Rapids, Ia.
Iowa Canning Co., Vinton, Ia.
Iowa City Canning Co., Iowa City, Ia.
Iowa City Iron Wks., mill & facty. supplies, Iowa City, Ia.
Iowa Coffin Co., Dubuque, Ia.
Iowa Constr. & Engineering Co., Engng. Co., Davenport, Ia.
Iowa Fdry. Co., Sioux City, Ia.
Iowa Fdry. & Mfg. Co., Fort Dodge, Ia.
Iowa Gasoline Engine Co., Waterloo, Ia.
Iowa Gate Co., Cedar Falls, Ia.
Iowa Lumber Co., Waterloo, Ia.
Iowa Mach. Works, Works, Clinton, Ia.
Iowa Machy. & Supply Co., Des Moines, Ia.
Iowa Malleable Iron Co., Fairfield, Ia.
Iowa Motor Truck Co., Ottumwa, Ia.
Iowa Packing Co., meats, Des Moines, Ia.
Iowa Paint Mfg. Co., truck units, Fort Dodge, Ia.
Iowa Pipe & Tile Co., flue linings, Des Moines, Iowa.
Iowa Pure Iron Culvert Co., Des Moines, Ia.
Iowa Soap Co., Burlington, Ia.
Iowa Soda Products Co., Council Bluffs, Ia.
Iowa Spreader & Engine Co., Waterloo, Ia.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Iowa Stone Co., Cedar Rapids, Ia.
Iowa Sugar Co., Waverly, Ia.
Iowa Tank & Silo Co., silos & fixtures, Waterloo, Iowa.
Iowa Valley Canning Co., Marengo, Ia.
Iowa Valve Co., Oskaloosa, Ia.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Iredell, Leslie N., architect, Littlefield Bldg., Austin, Tex.
Ireland, Bertram, architect, Atlantic City, N. J.
Ireland, C. L., contractor, Van Wert, Ohio.
Ireland & Helfrich, agricultural implements, Spencerport, N. Y.
Ireland Machine & Foundry Co., wood sawing machines, saw mills & hoists, Norwich, N. Y.
Ireland Mfg. Co., machinery, Washington, C. H., Ohio.
Ireland & Matthews Mfg. Co., machsts. & sheet metal goods mfrs., Beard & Chatfield, Detroit, Mich.
Ireland, Robt. D., & Co., elec. fix., 278 Boylston, Boston, Mass.
Ireland & Rollings, sashes, doors & blinds contr., Fort Scott, Kans.
Ireland, W. H., stone producers, 1220 Filbert, Philadelphia, Pa.
Irene Mills, towels, damasks, cotton, Gaffney, S. C.
Ireson, Chas. L., mill & facty. supplies, 221 High, Boston, Mass.
Irey, John H., cement silos & block molds, West Liberty, Ia.
Irish Bros. Co., die, blocks & cutting boards, Buckfield, Me.
Irish, Geo., Paper Co., Buffalo, N. Y.
Irish, W. F., Elec. Supplies, conduit pipe hanging clamps, road oilers, tank switches, etc., 130 W. 32nd, New York.
Iron Age, trade publications, 239 W. 39th, New York.
Iron City Brick & Stone Co., common, Stanton & McCandless av, Pittsburgh, Pa.
Iron City Electric Co., mine supplies, Pittsburgh, Pa.
Iron City Foundry Co., Lebanon, Pa.
Iron City Grate Bar Co., Warren, Ohio.
Iron City Heating Co., contrs., 843 Jackson, Pittsburg, Pa.
Iron City Lumber Co., Birmingham, Ala.
Iron City Oil & Varnish Co., Inwood & Frankstown, Pittsburgh, Pa.
Iron City Products Co., auto jacks, 7511 Thomas blvd., Pittsburgh, Pa.
Iron City Roofing Co., cornices & skylights, 6943 Frankstown av, Pittsburgh, Pa.
Iron City Sand Co., Bessemer Bldg., Pittsburgh, Pa.
Iron City Sanitary Mfg. Co., bath tubs, Oliver Bldg., Pittsburgh, Pa.
Iron City Spring Co., carriage, 2920 Smallman, Pittsburgh, Pa.
Iron City Stone & Constr. Co., Wilkinsburg, Pa.
Iron City Stove & Fdry. Co., grey iron castings, Bristol, Va.
Iron City Tool Wks., Ploe anvils, spike pullers, 3201 Smallman, Pittsburgh, Pa.
Iron Clad Gas Mantle Co., Canton, Ohio.
Iron Clad Mfg. Co., waste cans, 178 Cook, Brooklyn, N. Y.
Iron Crib & Bin Co., Wooster, Ohio.
Iron Hydroxide Co., oxide of iron, Philadelphia, Pa.
Iron Ledge Co., contrs., 320 North av, Bridgeport, Conn.
Iron Ore Corp., mineral imps., 11 B'way, New York.
Iron Products Co., sheet metals, stamping, Columbus, Ohio.
Iron Ridge Canning Co., Iron Ridge, Wis.
Iron Spec. Co., junction boxes, 2098 3rd av, New York.
Iron Trade Review, trade publication, E. 12th & Chestnut, Cleveland, Ohio.
Iron & Steel Products Co., machsts.' tools & mill supplies, 2337 S. Michigan av, Chicago, Ill. *See adv index at end of book.*
Ironbound Hdwe. & Supply House, 228 Ferry, Newark, N. J.
Ironclad Incubator Co., Racine, Wis.
Ironclay Brick Co., Columbus, Ohio.
Irondequoit Coal & Supply Co., masons' & bldrs.' matls., Irondequoit, N. Y.
Ironite Co., waterproof matl. mfrs., 111 W. Washington, Chicago, Ill.
Irons & Todd, contractors, 101 Park av, New York.
Ironsides Co., lubricants, etc., Columbus, Ohio.
Ironsides Pottery Co., sanitary earthenware, Bordentown, N. J.
Ironton Cross Tie Co., Ironton, Ohio.
Ironton Engine Co., Ironton, Ohio.
Ironton Incandescent Light & Supply Co., gas stoves, Ironton, Ohio.
Ironton Lumber Co., Ironton, Ohio.
Ironton Portland Cement Co., Ironton, Ohio.
Ironton Punch & Shear Co., Ironton, Ohio.
Ironton Roofing & Corrugating Co., Ironton, Ohio.
Ironton Wood Mantel Co., Ironton, Ohio.
Iroquois Auto. Top Co., bow separators, Utica, N. Y.
Iroquois Bag Co., Buffalo, N. Y.
Iroquois Canning Co., Onarga, Ill.
Iroquois China Co., Solvay, N. Y.
Iroquois Door Co., sash, door & blind mfrs., Buffalo, N. Y.
Iroquois Fndries, Inc., white metal, aluminum, brass & bronze castings, 474 Genesee, Utica, N. Y.
Iroquois Iron Co., 3267 E. 95th, Chicago, Ill.
Iroquois Nipple Wks., iron pipe nipples, 306 Genesee, Buffalo, N. Y.
Iroquois Pulp & Paper Co., Thomson, N. Y.
Irwin Fuel Co., coke mfrs. & Coal mines, Latrobe, Pa.
Irvin, Jewell & Vinsen Co., plate glass, paint mfrs., Dayton, Ohio.
Irvin, R. J. Mfg. Co., auto. windshields, Indianapolis, Ind.
Irvin, Richard, architect, Union Bk. Bldg., Pittsburgh, Pa.
Irvin, Willis, architect, Lamar Bldg., Augusta, Ga.
Irvine & Jachens, badges & emblems, 1027 Market, San Francisco, Cal.
Irvine & Muir Lbr. Co., Willets, Cal.
Irvine, Robt. C., lumber, Hollidaysburg, Pa.
Irving, Robert M., hack saws, forgings, T squares, etc., Syracuse, N. Y.
Irving & Ackert, contrs., Poughkeepsie, N. Y.
Irving Canning Co., La Conner, Wash.
Irving & Casson, wood mantels, 573 Boylston, Boston, Mass.
Irving Cut Glass Co., Honesdale, Pa.
Irving, E. A., contractor, 3821 Spring Grove av, Cincinnati, Ohio.
Irving Iron Works Co., grating-subway, 3d, Long Island City, N. Y.
Irving, J. S., masons' & bldrs.' matls., Westfield, N. J.
Irving Mfg. Co., crinoline, book cloth, 23 Jersey, New Brighton, S. I., N. Y.
Irving Mfg. & Tool Co., 157 Chambers, New York.
Irving, Newell, Constr. Co., Watervliet, N. Y.
Irving Park Sash & Door Co., 4254 N. Crawford av, Chicago, Ill.
Irving-Pitt Mfg. Co., loose leaf devices, Kansas City, Mo.
Irving, W. A., packing box mfrs., Salem, Mass.
Irvington Bldg. Co., Law Bldg., Indianapolis, Ind., & Irvington, N. J.
Irvington Coal & Lime Co., masons' & bldrs.' matl., 5643 Bonna av. (Irvington), Indianapolis, Ind.
Irvington Mfg. Co., machsts., Irvington, N. J.
Irvington Mill & Elevator Co., Irvington, Ky.
Irvington Packing Co., canned goods, Irvington, Va.
Irvington Smelting & Refining Wks., Irvington, N. J.
Irvington Varnish & Insulator Co., Irvington, N. J.
Irvona Coal & Coke Co., bituminous, Rosebud, Pa.
Irwin Auger Bit Co., Wilmington, Ohio.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Irwin Fuel Co., coke mfrs. & coal mines, Latrobe, Pa.
Irwin Gas Coal Co., bituminous, Greensburg, Pa.
Irwin, H. C., masons' & bldrs.' matls., Springfield, Ill.
Irwin, John B., contractor, Sault Ste. Marie, Mich.
Irwin, Jno. W. (Est. of), lbr. mfrs., Goshen, Ind.
Irwin Leather Gds. Co., razor strops, 30 W. Monroe, Chicago, Ill.
Irwin & Leighton, contractors, 126 N. 12th, Philadelphia, Pa.
Irwin Mfg. Co., clothes washing machs., Front & Pike, Cincinnati, Ohio.
Irwin, Paul W., architect, Renshaw Bldg., Pittsburgh, Pa.
Irwin, R. J., machinist, Steubenville, Ohio.
Irwin, S. C., architect, Chamber of Com. Bldg., Tacoma, Wash.
Irwin, Thos. W., Mfg. Co., cornices & skylights, 307 Cremo, Pittsburgh, Pa.
Irwin, Wm. R., contractor, Mason City, Ia.
Isaac, Hyman, Sons Co., scrap iron & steel, Elizabeth, N. Y.
Isaacs, A., & Co., sponges & chamois imp., 58 Beekman, New York.
Isaacs, R. D., & Son, contractors, Wilkes-Barre, Pa.
Isaacs, S., & Co., glue & gelatine mfrs., 100 William, New York.
Isaacson, L. G., Co., mill & facty. supplies, wholesale hdwe., Aberdeen, Wash.
Isakson, P. A., contractor, Ogden, Utah.
Isbell, J. A., wood handles, Baxter, Tenn.
Isbell-Porter Co., gas works apparatus & contr., 46 Bridge, Newark, N. J.
Isco-Bautz Co., silicia, 46 Cliff, New York.
Isco Chemical Co., chemical mfrs., 46 Cliff, N. Y.
Isear, Meyer, contractor, 481 E. 174th, New York.
Isecovitz, Morris, scrap iron & steel, Reading, Pa.
Isele, A. W., & Son, hammers, tools, etc., 51 Pitt, Boston, Mass.
Isely, Samuel, contractor, Monroe, Wis.
Isenberg Bedding Co., mattresses, Wilmington, Del.
Isenberg Bros., Baraboo, Wis.
Isenberg & Krevitzkin, contractors, 54th & Springfield, Philadelphia, Pa.
Isensee, Frederic M., architect, 6417 Minerva av, Chicago, Ill.
Isensee, Wm., & Co., machsts. & fndrs., Portland, Ore.
Isenstein, Otto, & Co., essential oils, varnish gums, etc., 132 Front, New York.
Isgrigg, W. H., & Son, brick contractors, Greensburg, Ind.
Isham H'dwe Co., who. h'dwe., Burlington, Vt.
Isham, Norman M., architect, Grosvenor Bldg., Providence, R. I.
Isham, Phillips, pig iron & coke dlrs., 55 Liberty, New York.
Isherwood, J. W., architect, 17 Battery pl., New York.
Ising, C. E., Corp., chemicals, 70 Warren, New York.
Isko Co., elec. refrigerating machinery, 2525 Clybourn av, Chicago, Ill.
Island Box Co., packing, Haverhill, Mass.
Island Creek Coal Co., Holden, W. Va.
Island Lake Lbr. Co., Northome, Minn.
Island Mfg. Co., lumber, Couperville, Wash.
Island Mill Lbr. Co., Alpena, Mich.
Island Paper Co., Carthage, N. Y., & Menasha, Wis.
Island Petroleum Co., lubrg. oils, Keyser Bldg., Baltimore, Md.
Isley Lbr. Co., Tacoma, Wash.
Isolated Plant Publish. Co., trade, 366 5th av, New York.
Israel Bros. Iron & Metal Co., scrap, Dayton, Ohio.
Isseks, David, wood tanks, 94 Mangin, New York.
Issenhuth, George, architect, Huron, S. D.
Iszard-Warren Co., see Warren-Knight Co. (successors).
Italian Marble Mosaic Co., mosaic mantels, 431 Spruce, Philadelphia, Pa.
Italian Mosaic & Marble Co., Buffalo, N. Y.
Italy Cotton Oil Co., meal, Italy, Tex.
Itasca Cooperage Co., Grand Rapids, Minn.
Itasca Cotton Mfg. Co., Itasca, Tex.
Itasca Lbr. Co., 827 Lbr. Ex., Minneapolis, Minn.
Itasca Paper Co., Grand Rapids, Minn.
Itasca Roller Mills & Elevator Co., flour, Itasca, Tex.
Ithaca Calendar Clock Co., Ithaca, N. Y.
Ithaca Glass Mfg. Co., Spring City, Pa.
Ithaca Gun Co., shot guns, Ithaca, N. Y.
I. T. S. Rubber Co., heels, Elyria, Ohio.

Ittenbach, G., & Co., stone producers, 916 Harrison, Indianapolis, Ind.
Itter, Chas., contractor, Hazleton, Pa.
Ittner, Anthony, Brick Co., Odd Fellows Bldg., St. Louis, Mo.
Ittner, Wm. B., architect, Bd. of Education Bldg., St. Louis, Mo.
Ivanhoe-Regent Works of G. E. Wks., lamp reflectors, 5716 Euclid av, Cleveland, Ohio.
Ivens, Wm. H., Sons Co., terra cotta, clayworking, pottery machinery, etc., Trenton, N. J.
Iver Glass Co., milk bottle caps, Columbus, Ohio.
Iver, John, & Co., contractors, Bradford, Pa.
Ivers, F., & Son, carriages, Cambridge, Mass.
Ivers & Pond Piano Co., 114 Boylston, Boston, Mass.
Iverson Bros., machinists, Salinas, Cal.
Iverson, E., & Sons, contractors, 175 W. Jackson Blvd., Chicago, Ill.
Iverson, J. B., lumber, Forks, Wash.
Ivery, Edwin J., archit., Boston Bldg., Seattle, Wash.
Ives, H. B., Co., hdwe. mfrs., New Haven, Conn.
Ives, L. D., mattresses, Binghamton, N. Y.
Ives, Loyal T., Co., textile machy. supplies, New Brunswick, N. J.
Ives Mfg. Co., elec. pumps, 203 Hanover, Baltimore, Md.
Ives Mfg. Co., motorcycle parts & connecting rods, Oswego, N. Y.
Ives Mfg. Corp., mechl. toys, Bridgeport, Conn.
Ives, Raymond H., elec. contr., Fairfield, Conn.
Ives, W. A., Mfg. Co., machsts. & fndrs., auger bits, screw drivers, etc., Wallingford, Conn.
Ives, Wallace L., machsts. & fndrs., Sturgeon Bay, Wis.
Ivins, Ellwood, Tube Wks., Oak Lane Sta., Philadelphia, Pa.
Ivory Handle Co., Hope, Ark.
Ivory, J. C., contractor, Altoona, Pa.
Ivoryloid Co., Inc., dice, dominoes, etc., 200 5th av, New York.
Ivy, Ernest D., architect, 92½ N. Forsyth, Atlanta, Ga.
Iwan Bros, bush hooks, Streator, Ill.
Iwan Bros., machsts., South Bend, Ind.
I. X. L. Furniture Co., kitchen cabinets, Goshen, Ind.
I. X. L. Handle Mfg. Co., Dexter, Mo.
I. X. L. Pump & Mfg. Co., 957 N. 9th, Philadelphia, Pa.
Izmirian, Chas., Cornice & Roofing Co., cornices & skylights, 4417 3rd av, New York.
Jaburg Bros., dough mixing machines, 10 Leonard, New York.
Jack & Jill Co., seesaws, 211 Calumet, St. Louis, Mo.
Jackes-Evans Mfg. Co., stove pipes, currycombs, Main & Tyler, St. Louis, Mo.
Jackman, W. J., guy anchors, Lima, Ohio.
Jacksboro Mill & Elevator Co., flour, Jacksboro, Tex.
Jacksboro Oil & Milling Co., meal, Jacksboro, Tex.
Jackson, A. D., Saddlery Co., horse collars, Benton, Ill.
Jackson, A. R., Kansas City Show Case Wks. Co., 620 E 3d, Kansas City, Mo.
Jackson, Allen W., architect, Equitable Bldg., Boston, Mass.
Jackson, Arthur C., architect, 25 Madison av, New York.
Jackson Automobile Co., Jackson, Mich.
Jackson Bangor Slate Co., roofing, Pen Argyl, Pa.
Jackson Brass Fdry. Co., machsts. & fndrs., Jackson, Mich.
Jackson Bros. Co., lbr., Salisbury, Md.
Jackson, C. D., & Co., marble, onyx, etc., 140th & Locust av, New York.
Jackson, C. E., & Co., machsts. & fndrs., 518 Prospect, N. W., Cleveland, Ohio.
Jackson, C. P., lumber, Lawrenceville, Ga.
Jackson, C. W., & Sons, canned goods, E. 10th & Belt, Indianapolis, Ind.
Jackson Casket & Mfg. Co., Jackson, Miss.
Jackson Chair Co., 4401H W. North av, Chicago, Ill.
Jackson, Chas. H., mill & facty. supplies, Rome, N. Y.
Jackson & Church Co., machsts. & fndrs., Saginaw, Mich.
Jackson, Church & Wilcox Co., machsts., Saginaw, Mich.
Jackson Coal Co., Connellsville, Pa.
Jackson Coal Mining Co., Knoxville, Tenn.
Jackson Co., flannels & sheetings, cotton, Nashua, N. H.
Jackson & Co., machsts. & fndrs., Rochester, Mich.
Jackson Compressor Co., 235H S. Cherokee av, Denver, Colo.
Jackson Contr'ng Co., Inc., 113 Vesey, Newark, N. J.
Jackson Cushion Spring Co., cushion springs & assemblies, 710 Water, Jackson, Mich.
Jackson, E. E., Lbr. Co., Keyser Bldg., Baltimore, Md.
Jackson, E. S., & Co., talc, 224 E. 2d, Cincinnati, Ohio.
Jackson-Eagleton Brick Co., Maryville, Tenn.
Jackson, Edwin A., & Bros. (Inc.), mantels and grates, 50 Beekman, New York. *See adv index at end of book.*
Jackson, F. Ellis, architect, Turks Head bldg., Providence, R. I.
Jackson, Emmitt T., architect, Chandler Bldg., San Antonio, Tex.
Jackson Fence Co., Jackson, Mich.
Jackson Fertz. Co., Jackson, Miss.
Jackson Fibre Co., bags, Bemis, Tenn.
Jackson Fire Brick Co., Jackson, Tenn.
Jackson Fire Brick Co., 20 W. Jackson Blvd., Chicago, Ill.
Jackson Foundry & Machine Co., Paducah, Ky.
Jackson, Francis E., x-ray fluoroscopes, Orange, N. J.
Jackson Furn. Co., Dept. H, Oakland, Calif.
Jackson, G. Edwin, architect, Clarendon Bldg., Utica, N. Y.
Jackson Gas Engine Co., clothes washing machs., Jackson, Mich.
Jackson, Geo., carriages, Pueblo, Colo.
Jackson Glass Wks., Jackson, Mich.
Jackson & Green, contrs., 500 Park, Bridgeport, Conn.
Jackson Hardware Co., Aberdeen, S. D.
Jackson, Harold N., elec. contr., Monrovia, Cal.
Jackson Iron & Bronze Wks., Jackson, Tenn.
Jackson Iron & Steel Co., Jackson, Ohio.
Jackson, Isaac, Belt Fastner Co., 51 Barclay, New York.
Jackson, J. A., canned goods, Goldsboro, Md.
Jackson, J. E., lbr., Oxford, N. C.
Jackson, J. M., Lumber Co., Parkersburg, W. Va.
Jackson, J. Richard, contractor, Perry Bldg., Philadelphia, Pa.
Jackson, J. T., Lumber Co., Lexington, Ky.
Jackson, J. W., contractor, Noblesville, Ind.
Jackson, J. W., oilers, cans, Sharpsville, Pa.
Jackson, John F., architect, 141 E. 45th, New York.
Jackson, John H., Tile Co., Albany, N. Y.
Jackson, John J., Co., granulated gold & silver, silver chloride, nitrate, etc., 158 Astor, Newark, N. J.
Jackson, John W. & C. R., flour, Kirwin, Kans.
Jackson, Jos. A., architect, 1123 B'way, New York.
Jackson, L. A., lbr., Crystal, N. H.
Jackson-Lansing Brick Co., River Junction, Mich.
Jackson Lumber Co., Lockhart, Ala., & Jackson, Miss.
Jackson Lumber & Supply Co., Waterloo, Ia.
Jackson, M. J., & Son Co., contrs., Troy, N. Y.
Jackson, M. L., contractor, Lorain, Ohio.
Jackson Mach. Tool Co., die sinking machs., Jackson, Mich.
Jackson Mfg. Co., machsts., Rockford, Ill., & Jackson, Ohio.
Jackson Mfg. Co., wheel barrows & small car mfrs., Fourth & Boyd, Harrisburg, Pa. *See adv index at end of book*
Jackson & Maurice, contractors, Ford Bldg., Detroit, Mich.
Jackson Mill & Lumber Co., Jackson, Ohio.
Jackson Milling Co., flour, Stevens Point, Wis.
Jackson Mills, cotton sheetings, Iva., S. C.
Jackson Mills Emery Co., Easton, Pa.
Jackson Motor Shaft Co., Jackson, Mich.
Jackson & Newton Co., sash, door & blind, 105 Portland, Boston, Mass.
Jackson, O., machsts. & fndrs., Greenwood, N. Y.
Jackson Organ Co., Burlington, Ia.
Jackson, P. H., & Co., vault & sidewalk lights, 237 1st, San Francisco, Cal.
Jackson Potteries Co., Inc., vitreous china plumbing fixtures, Fulton Bldg., Pittsburgh, Pa.
Jackson Repairing Co., carriages, Washington, Pa.
Jackson, Rich., Slate Co., roofing, Pen Argyl, Pa.
Jackson-Richter Iron Wks. Co., Denver, Colo.
Jackson, Robertson & Adams, architects, Turk's Heat Bldg., Providence, R. I.
Jackson, Rosencrans & Waterbury, architects, 1328 B'way, New York.
Jackson, S. R., levels, etc., Watertown, N. Y.
Jackson, S., Tube Co., Inc., tubing, 29 Rodney, Brooklyn, N. Y.
Jackson, Sam'l, Co., steam fitters' supplies, Pawtucket, R. I.
Jackson Sand Mining Co., Jackson, Ohio.
Jackson Shear Co., Fremont, Ohio.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jackson Stone Co., Bridgeport, Conn., & Covington, Ohio.
Jackson Supply Co., plbrs.' supplies, 241 N. Delaware, Indianapolis, Ind.
Jackson, Thos., & Co. (Ltd.), sash, door & blind mfrs., Saginaw, Mich.
Jackson, Thos. F., Co., stone prod., Waterbury, Conn.
Jackson, Thos., & Son Co., cord & twine, Reading, Pa.
Jackson, Thos. W., masons' & bldrs.' matrls., Middleport, N. Y.
Jackson Tile & Brick Co., Jackson, Minn.
Jackson & Tindle, lbr., Buffalo, N. Y.
Jackson-Tinney Lbr. Co., Talledega, Ala.
Jackson, W., & Co., adv. novelties & specialties, 29 S. La Salle, Chicago, Ill.
Jackson-Walker Coal & Mining Co., Commerce bldg., Kansas City, Mo.
Jackson, Willard F., architect, Brockton, Mass.
Jackson, Wm. E., architect, 1003 Spruce, Philadelphia, Pa.
Jackson, Wm. H., Co., galvano-bronze wks., fire-places & mantels, 2 W 47th, New York.
Jackson's Mantel & Grate Wks., fire-place furnishings mfrs., 2 W. 33d, New York.
Jackson's, Sam'l, Sons, ry. signal torpedoes, 1129 S. 15th, Philadelphia, Pa.
Jacksonville Concrete Products Co., Jacksonville, Fla.
Jacksonville Cotton Oil Co., fertz. mfrs., Jacksonville, Tex.
Jacksonville Fertilizer Co., Jacksonville, Fla.
Jacksonville Fdy. Co., Jacksonville, Ill.
Jacksonville Lbr. Co., Jacksonville, N. C.
Jacksonville Packing Co., meat packers, Jacksonville, Ill.
Jacksonville Ship Chandlery Co., hdwe. & mill supplies, Jacksonville, Fla.
Jacksonville Tent & Awning Co., Jacksonville, Fla.
Jacob Bros., scrap brass & iron, babbit metal, etc., Bridgeport, Conn.
Jacob Bros. Co., pianos, 539 W. 39th, New York.
Jacob, Chas. W., & Allison, wax, powdered licorice, grass matting, ultramarine blues, 18 Cedar, New York.
Jacob, Robt., motor boat, launch & yacht bldrs., City Island, N. Y.
Jacob, Robt., Engine & Mach. Co., 211 Chouteau av, St. Louis, Mo.
Jacob & Youngs, contractors, 116 W. 32d, New York.
Jacobberger & Smith, architects, Board of Trade, Portland, Ore.
Jacobi, Alex., cornices, Saginaw, Mich.
Jacobi Lbr. Co., Moline, Fla.
Jacobs Mfg. Co., drill chuck mfrs., 894 Park, Hartford, Conn.
Jacobi, N., Hardware Co., Wilmington, N. C.
Jacobowitz, Chas. S., brewers' supps., 1382 Niagara, Buffalo, N. Y.
Jacobs, Alfred Henry, architect, 110 Sutter, San Francisco, Cal.
Jacobs, Arthur, architect, 128 N. La Salle, Chicago, Ill.
Jacobs Asbestos Mining Co., 8 W. 40th, New York.
Jacobs, Barney, contractor, Ashland, Wis.
Jacobs Bros., machsts. & fndrs., Avoca, Ia.
Jacobs Bros. Co., counter & platform scales & slicing machs., 71 Warren, New York.
Jacobs, C. B., elec. & gas light fixtures, 5241 W. Chicago, av, Chicago, Ill.
Jacobs, Chas., & Co., heaters, purifiers & separators, 258 Franklin, Boston, Mass.
Jacobs, Chas. J., Co., contractors, 107 Terrace, Boston, Mass.
Jacobs, Constr. Co., 356 S. Spring, Los Angeles, Cal.
Jacobs, David H., & Son, contractors, 166 Devonshire, Boston, Mass.
Jacobs, E. H., Mfg. Co., mill & facty. supplies & loom pickers, Danielson, Conn.
Jacobs, Edgar A., cornices & skylights, Port Angeles, Wash.
Jacobs, Elmer F., architect, Morgantown, W. Va.
Jacobs, F. M., mill & facty. supplies, Columbus, Miss.
Jacobs, Geo. Nelson, architect, 9 Hamilton pl, Boston, Mass.
Jacobs, Geo. P., & Co., plumbers', mill & facty. supplies, jobbers, 276 S. 9th, Brooklyn, N. Y.
Jacobs, Harry A., architect, 320 5th av, New York.
Jacobs-Hutchinson Hardware Co., Fairmont, W. Va.
Jacobs, Jacob J., contractor, Toledo, Ohio.
Jacobs, Julius, masons' & bldrs.' matls., 276 W. McMicken av, Cincinnati, Ohio.
Jacobs, Kenneth W., Co., barrel heaters, 1901 St. Paul, Milwaukee, Wis.
Jacobs Mfg. Co. (The), drill chuck mfrs., 894 Park, Hartford, Conn. *See adv index at end of book.*
Jacobs, S., & Sons, green house bldrs. & materials, 1365 Flushing av, Brooklyn, N. Y.
Jacobs, Theodore R., architect, Yakima, Wash.
Jacobs, W. N. B., contr., Murphysboro, Ill.

Jacobs, W. S., architect, Puyallup, Wash.
Jacobsen Constr. Co., McKay Bldg., Portland, Ore.
Jacobsen-Jenson Co., contrs., Portland, Ore.
Jacobsen, W. H., heating contractors, Belleville, N. J.
Jacobson, A. C., & Sons, lbr. mfrs., 81 Bridge, Brooklyn, N. Y.
Jacobson, Anton, contractor, Racine, Wis.
Jacobson Bros., contractors, Duluth, Minn.
Jacobson Bros., auto. windshields, 254 Central, Newark, N. J.
Jacobson Gas Engine Co., Dept. H, Renesselaer, N. Y.
Jacobson, I. M., & Sons Co., ingots, metals, etc., 70 Catherine, Detroit, Mich.
Jacobson, John, contractor, Marshalltown, Ia.
Jacobson-Peterson-Peltz & Kaufer Co., corn brooms, South Bend, Ind.
Jacobson, R. A., contractor, 1114 Russell, Minneapolis, Minn.
Jacobson, S. A., Co., Inc., willow ware mfrs., 217 Mercer, New York.
Jacobson, Silas, architect, Cap. Bk. Bldg., St. Paul, Minn.
Jacobson Supply Co., mill & facty. supplies, 1252 E. 55th, Cleveland, O.
Jacobus, A. G., Sons, tex. machy. brushes (mill), Verona, N. J.
Jacobus, Wm. H., wholesale hdwe., 79 Walker, New York.
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Jacoby, J. H., & Co., trunk mfrs., Burlington, Ia.
Jacoby & Son, contrs., Helena, Mont.
Jacoby & Son Co., marble interior work, 2025 Market, Philadelphia, Pa.
Jacot, A. H., music boxes, 29 John, New York.
Jacques, Jno., & Son, machsts., Worcester, Mass.
Jacques, Urgel, architect, 311 Main, Worcester, Mass.
Jaeck, Hector C., battery chemicals, 215 Russell, Brooklyn, N. Y.
Jaeck, Louis, Co., dyestuffs & mill soaps, 257 Front, New York.
Jaeger Automatic Machine Co., 2238 N. 9th, Philadelphia, Pa.
Jaeger Furn. Co., Dept. H, Des Moines, Iowa.
Jaeger, H. J., Co., lamps, 280 Park av, Weehawken, N. J.
Jaeger Machine Co., concrete mixers, 490 Dublin av, Columbus, Ohio.
Jaehnig Gas Fixture Co., 221 13th av, Newark, N. J.
Jaekle, W. L., architect, U. B. Bldg., Dayton, Ohio.
Jaenecke-Ault Co., printg. ink & dry colors, Newark, N. J.
Jaeschke Bros. Fndy. Co., 3026 Locust, Milwaukee, Wis.
Jaeshn, Frank, Constr. Co., Huron, S. D.
Jagenberg Machinery Co., labeling machy., 131 W. 24th, New York.
Jager, Chas. J., Co., mill & facty. supplies, 15 Custom House, Boston, Mass.
Jagger Brick Co., Minneapolis, Minn.
Jahn, Rudolph B., architect, Sheboygan, Wis.
Jahn, Wm. R., archl. iron, 3239 Germantown av, Phila., Pa.
Jahncke, Fritz, masons' & bldrs.' matls., 814 Howard, New Orleans, La.
Jahncke Service, Inc., bldrs. matrls., 814 Howard av, New Orleans, La.
Jahncke Shipbldg. Co., Madisonville, La.
Jahn's, Robt., Sons, cornices, Scotch Plains, N. J.
Jaicks, A., Co., contrs., Amer. Bank Bldg., Kansas City, Mo.
Jaite Co., paper & pulp mills, Jaite, Ohio.
Jakes Fdry. Co., Nashville, Tenn.
Jakobson & Peterson, ship bldrs., ft. of 24th, Brooklyn, N. Y.
Jakoby, Anton, cornices, 3122 Kensington, Philadelphia, Pa.
Jakway-Motor Cone Vacuum Cleaning Mfg. Co., 135 Wood av, Syracuse, N. Y.
Jallade, Lindsay & Warren, architects, 129 Lexington av, New York.
Jamaica Dyewood & Chemical Co., 50 Church, New York.
Jambor Mfg. Co., eng'nrs' specialties, 911 Center, Milwaukee, Wis.
James & Abbott Co., lumber, 155 Milk, Boston, Mass.
James, Alfred, machsts. & fndrs., La Crosse, Wis.
James, B. L., Mercantile & Mfg. Co., Denver, Colo.
James Bros., cornices & htg. contr., West Chester, Pa.
James, D. B., architect, Campton, N. H.
James, D. O., Mfg. Co., machsts. & fndrs., 1120 W. Monroe, Chicago, Ill.
James, E. B., Lumber Co., 20 Central, Boston, Mass.
James, E. L., fertilizer mfrs., Warrenville, Conn.
James Fertilizer Co., James, Ala.
James, Fred J., architect, Tampa, Fla.
James, Geo. A. Co., see Industrial Research Co. (successors).
James & Graham Wagon Co., Memphis, Tenn.
James, Harry H., Am. B'k. Bldg., Seattle, Wash.
James, Henry, & Son, tallow, 15 Exchange, Boston, Mass.
James & Holmstrom, pianos, 23 E. 14th, New York.
James, J. T., canned goods, Roanoke, Va.
James, John E., contractor, Wilkes-Barre, Pa.
James Lbr. Co., 921 Aliceanna, Baltimore, Md., & Franklin, Pa.
James Mfg. Co., cattle stanchions, pens, barn equipments, Fort Atkinson, Wis.
James Mfg. Co., closet seats, etc., Canton, O.
James Mfg. Co., hose couplings, rubber heels, flexible fabric tubing, Cleveland, Ohio.
James Mfg. Co., wood alcohol, charcoal, Kane, Pa.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
James Patent Bender Co., Arcade Bldg., St. Louis, Mo.
James River Furn. & Mattress Co., 312H Hull, Richmond, Va.
James River Furniture & Mattress Co., mattress mfrs., Richmond, Va
James, S. H., architect, Gary, Ind.
James Supply Co., plumbers, mill & facty. supplies & wholesale hdwe., Chattanooga, Tenn.
James, Thos. M., architect, 3 Park, Boston & Sherborn, Mass.
James, W. J., tics, Franklin, Pa.
James & Shinn, contrs., Mattoon, Ill.
Jameson, Rabinovitch & Jameson, scrap rubber, 1510 Newberry av, Chicago, Ill.
Jamestown Boiler Wks., Jamestown, N. Y.
Jamestown Cabinet Co., Jamestown, N. Y.
Jamestown Canning Co., Jamestown, Ind.
Jamestown Car Parts Mfg. Co., radiators, Jamestown, N. Y.
Jamestown Construction Co., masons' & bldrs.' matls., Jamestown, N. Y.
Jamestown Curtain Rod Co., towel racks, Jamestown, N. Y.
Jamestown Die & Tool Corp., Jamestown, N. Y.
Jamestown Gas Stove Corp., Corry, Pa.
Jamestown H'dwe Co., who. h'dwe, Jamestown, N. Y.
Jamestown Iron Wks. Co., machsts. & fndrs., Jamestown, N. Y.
Jamestown Lounge Co., Dept. H, Jamestown, N. Y.
Jamestown Mantel Co., Falconer, N. Y.
Jamestown Metal Desk Co., Jamestown, N. Y.
Jamestown Milling Co., flour, Jamestown, Ark.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Jamestown Panel Co., Jamestown, N. Y.
Jamestown Shale Paving Brick Co., Jamestown, N. Y.
Jamestown Upholstery Co., Dept. H, Jamestown, N. Y.
Jamestown Wood Finishing Co., paints & stains, Jamestown, N. Y.
Jamestown Worsted Mills, woolen flannels, Jamestown, N. Y.
Jamieson & Bond Co., masons' & bldrs.' matrls., Bond av, Oceanus, N. Y.
Jamieson, Jas. P., architect, Security Bldg., St. Louis, Mo.,
Jamieson, M. W., & Co., machsts. & fndrs., Warren, Pa.
Jamieson Mach. Co., St. Joseph, Mo.
Jamieson's, D., Sons, towels, Trenton & Sergeant, Phila., Pa.
Jamison Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.
Jamison Cold Storage Door Co., Hagerstown, Md.
Jamison & Hallowell, contractors, Montgomery, Ala.
Jamison, I. M., fndrs., Swales, Pa.
Jamison Mill Co., lumber, Everett, Wash.
Jamison & Morris, contractors, Greenville, S. C.
Jamison Spring & Mattress Co., Nashville, Tenn.
Jamison, T. H., natural gas burners, Claysville, Pa.
Jamison, W. L., contractor, 42 W. Town, Columbus, Ohio.
Janes, Elisha Harris, architect, 105 W. 40th, New York
Janes, Franklin Hawley, architect, 154 Nassau, New York.
Janes & Kirtland, hot air furnaces, 133 W. 44th, New York.
Janes & Leo, architects, 124 W. 45th, New York.
Janesville Barb Wire Co., Janesville, Wis.
Janesville Batting Mills, cottin batting, Janesville, Wis.
Janesville Brick Works, Janesville, Wis.
Janesville Carriage Works, Janesville, Wis.
Janesville Cement Co., cement shingle machinery, Janesville, Wis.
Janesville Contracting Co., Janesville, Wis.
Janesville Fence & Post Co., 326H S. Franklin, Janesville, Wis.
Janesville Machine Co., agricultural implements, Janesville, Wis.
Janesville Products Co., spark plugs, children's vehicles, etc., Janesville, Wis.
Janesville Sand & Gravel Co., Janesville, Wis.
Janette Mfg. Co., circuit breakers, air compressors, etc., 617 W. Jackson blvd., Chicago, Ill.
Janeway Button Co., New Brunswick, N. J.
Janeway & Carpenter, wall paper mfrs., New Brunswick, N. J.
Jangblut, Aug., Co., pool tables, 833 Filmore, San Francisco, Cal.
Janisch, John L., contractor, 530 Ravenswood av, Chicago, Ill.
Janney Aircraft Co., aeroplanes, Monroe, Mich.
Janney & Co., machsts. & fndrs., Montgomery, Ala.
Janney, Jos. W., lumber, Pier 52, North Wharves, Phila., Pa.
Janney-Semple, Hill & Co., wholesale hdwe., mill & facty. supplies, 1st av, S., & 2d, Minneapolis, Minn.
Janney, Steinmetz & Co., indicators, etc., 1421 Chestnut, Philadelphia, Pa.
Janos Asbestos Co., packing, 26 Cortlandt, New York.
Janows-Kramer Range Co., 640 W. Randolph, Chicago, Ill.
Jansen, Ed., rattan & reed furniture, 110 W. 18th, New York.
Jansen, F. W., Clock Co., elec. alarm clocks, 217 W. Randolph, Chicago, Ill.
Jansen & Joosten, organs, Flanagan, Ill.
Jansen, T. E., cornices, Kenosha, Wis.
Janson Iron Works, Oakland, Cal.
Janson & Schaefer, contrs., common brick, Pekin, Ill.
Janson Steel & Iron Co., iron bar mill, Columbia, Pa.
Janssen Bemo, architects, Century Bldg., Pittsburgh, Pa.
Janssen, Bernard H., archl. iron, 135 Huron, Brooklyn, N. Y.
Janssen, Ernest C., architect, Chemical Bldg., St. Louis, Mo.
Janssen, H., pianos, 82 Brown pl, New York.
Janssen J. H., fndr., Woonsocket, S. D.
Janssen, Wm. H., contractor, Galveston, Tex.
Janton, A. & J., coffins, etc., 1410 11th, Philadelphia, Pa.
Janton, Geo., & Sons Co., soap, 272 W. Mound, Columbus, Ohio.
Jantz & Leist Electric Co., dynamos for isolated electric light & power plants, Cincinnati, Ohio.
January & Wood Co., cordage & twine, Maysville, Ky.
Janusch Mfg. Co., colonial candlesticks, machsts. & fndrs., 496 E. 134th, New York.
Janvier, Walter, soap, 417 Canal, New York.
Japanese Tissue Mills, Holyoke, Mass.
Japanese Water Color Co., water color paints, 31 Exchange, Rochester, N. Y.
Japes, Frank, Co., sash, door & blind, 8th & Plum, Detroit, Mich.
Japs, Frank A., machst., Redwood Falls, Minn.
Jaquith Machy. Bureau, Inc., efficiency engrs., 148 Pearl, Boston, Mass.
Jarboe, E. R., Canning Co., Mechanicsville, Md.
Jarden Brick Co., Land Title bldg, Philadelphia, Pa.
Jarden, C. J., architect, 1760 81st, Brooklyn, N. Y.
Jarden Lithographing Co., labels, 310 N. 10th, Phila., Pa.
Jardine, Hill & Murdock, architects, 50 E. 42d, New York.
Jardine, Matheson & Co., tallow & oils, 25 Mad. av, New York.
Jardine, Walter S., & Sons Co., fireplace furnishings mfrs., 29 Central, Arlington Heights, Mass.
Jarecki Chemical Co., Sandusky, Ohio.
Jarecki Mfg. Co., brass & malleable iron, Erie, Pa.
Jarl, C. O., contractor, Great Falls, Mont.
Jarratt, J. S., & Co., lumber, Savannah, Ga.
Jarratt Lbr. Corp., Marianna, Fla.
Jarrell, B. C., & Co., sash, door & blind, Humboldt, Tenn.
Jarrell Bros., flour mills, Standardsville, Va.
Jarrell, R., & Son, canned goods, Marydel, Md.
Jarrell, R., & Sons, canned goods, Goldsboro, Md.
Jarrell, W. G., Machine Co., Charlotte, N. C.
Jarrett, Chas. L., architect, North Wales, Pa.
Jarrett Construction Co., Springfield, Mo.
Jarrett, F. H., stone producers, Bethayres, Pa.
Jarrett-Richardson Paving Co., Springfield, Mo.
Jarvis, Charles L., Co., drilling, tapping attachments, hdwe, spec., Gildersleeve, Conn.
Jarvis Engine & Mach. Wks., machsts. & fndrs., Lansing, Mich.
Jarvis Engineering Co., refrigeration, 261 Franklin, Boston, Mass.
Jarvis & Jarvis, casters, Palmer, Mass.
Jarvis, Jos. T., models & patterns, 73 Haverhill, Boston, Mass.
Jarvis Paper Mills, West Claremont, N. H.
Jarvis, T. P., Mach. Wks., refrigerating machs., 275 Connecticut, San Francisco, Cal.
Jarvis, W. B., Co., sporting goods mfrs., Grand Rapids, Mich.
Jasper, Chas., contractor, Hyde Bldg., Spokane, Wash.

Jasper Desk Co., Jasper, Ind.
Jasper Lumber Co., Newton, Ia.
Jasper Machine Works, machsts. & fndrs., Jasper, Ind.
Jasper Veneer Mills, Jasper, Ind.
Jasperson Supply Co., plumbers, Mill & facty. supplies, jobbers, St. Marys, Ohio.
Jastrum, Fred'k., machsts., Freeport, Ill.
Jaxon Co., tools, dies, etc., 1010-12-14 Jackson, Toledo, Ohio.
See adv. index at end of book.
Jay, C. L., architect, 6777 Hollywood blvd., Los Angeles, Cal.
Jay Mary R., landscape architect, 101 Park av, New York
Jay Printing Ink Co., 250 Plymouth, Brooklyn, N. Y.
Jayn, W. T., flour mills, Gate City, Va.
J. C. H. Galvanizing Co., 1110 N. Front, Philadelphia, Pa.
Jean, Augustine, sash, door & blind, Nadeau, Mich.
Jean, C. W., Co., copying baths, 116 Nassau, New York.
Jeandron, W. J., carbon brushes, 172 Fulton, New York.
Jeanerette Lumber & Shingle Co., Ltd., Jeanerette, La.
Jeanesville Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.
Jeannette Glass Co., glass bottles, Jeannette, Pa.
Jeannette Mach. Co., Jeannette, Pa.
Jeannette Window Glass Co., Point Marion, Pa.
Jeaume, Jean, architect, 196 Centre, New York.
Jeavons, A. N., spring lubricators, 1603 Prospect av, Cleveland, Ohio.
Jeeckel, Philip F., architect, 569 Arlington, Chicago, Ill.
Jefferies, W. P., Co., advtg. nov., 117-21 Winston, Los Angeles, Cal.
Jefferis, Joshua C., architect, 1001 Chestnut, Philadelphia, Pa.
Jefferis, P. E., contractor, West Chester, Pa.
Jefferis, Richard W., Co., bins lockers (metallic), Camden, N. J.
Jefferis, W. W., cornices & skylights, Wilmington, Ohio.
Jeffers Bros., bldg. contrs., Montgomery, Ala.
Jeffers, F. K., lumber, Custer, Wash.
Jeffers, J. Allen, contractor, Schenectady, N. Y.
Jeffers, J. H., architect, Mason City, Ia.
Jeffers, Lewis, contractor, Schenectady, N. Y.
Jeffers, Wm., cornices & skylights, 77 Joy, Boston, Mass.
Jefferson Brass Fdry., 209 King, Brooklyn, N. Y.
Jefferson Brick & Tile Mfg. Co., Jefferson, Wis.
Jefferson, Christ D., die sinkers, 25 N. 7th, Philadelphia, Pa.
Jefferson Co., elec. portables, Follansbee, W. Va.
Jefferson Construction Co., Q. & C. Bldg., New Orleans, La.
Jefferson Distilling & Denaturing Co., cologne spirits, Harvey, La.
Jefferson, E. D. & Son, kiers, 53 State, Boston, Mass.
Jefferson, Edw., textile machy. & supplies, 23H S. 2nd, Phila., Pa.
Jefferson Elec. Mfg. Co., 847 W. Harrison, Chicago, Ill.
Jefferson Fertilizer Co., Birmingham, Ala., & Jefferson, S. C.
Jefferson Fdry. & Mach. Shops, Jefferson, Texas.
Jefferson Glass Co., arc lamp globes, table, etc., 5 S. Wabash av, Chicago, Ill.
Jefferson Iron Co., Oak Hill, Ohio.
Jefferson Iron Wks. Co., machsts., 7 Jefferson av, Detroit, Mich.
Jefferson Lbr. Co., Birmingham, Ala.
Jefferson Mach. Co., Denckla Bldg., Philadelphia, Pa.
Jefferson Plumbers' & Mill Supply Co., Birmingham, Ala.
Jefferson & Thomas, architects, 1146 11th, San Diego, Cal.
Jefferson Union Co., unions, flanges, pipe fittings & specialties, etc., Lexington, Mass.
Jefferson Woodworking Co. (table slides), Dept. H, Louisville, Ky.
Jefferson & Clearfield Coal & Iron Co., bituminous, Punxsutawney, Pa.
Jeffersonville Canning Co., Jeffersonville, Ind.
Jeffersonville Mfg. Co., kitchen cabinets, Jeffersonville, Ind.
Jeffery-Dewitt Co., porcelain specialties, Butler av & Grand Trunk Ry., Detroit, Mich.
Jeffery, H. J., architect, Union Bldg., Cleveland, Ohio.
Jeffery & Schaefer, architects, 560 S. Main, Los Angeles, Cal.
Jeffrey, A. L., sashes, doors & blinds, Marengo, Ohio.
Jeffrey, Dan'l, & Sons, tubular boilers, Jeanerette, La.
Jeffrey-Dewitt Insulator Co., Kenova, W. Va.
Jeffrey, H. T., Jr., architect, Fulton, Brooklyn, N. Y.
Jeffrey, Henry T., Jr., architect, Butler Bldg., Richmond Hill, N. Y.
Jeffrey Hydro Mfg. Co., vacuum cleaners, 824 Columbus Bldg., Cleveland, Ohio.
Jeffrey, John, Co., contractors, 127 N. Dearborn, Chicago, Ill.
Jeffrey Louis, Mfg. Co., catalog envelopes, 78th & Brunswick av, Philadelphia, Pa.
Jeffrey Mfg. Co., conveying, mining, pulverizing, etc., machinery, 961 N. Fourth, Columbus, Ohio.
See adv index at end of book.
Jeffrey, W. A., & Sons, contractors, Ottawa, Ill.
Jeffreys-Spaulding Mfg. Co., box shooks & lbr., Chase City, Va.
Jeffries, A. H., architect, Estherville, Ia.
Jeffries, Wm., machinist, Thibodaux, La.
Jeffris D. K. Lbr. Co., 11 So La Salle, Chicago, Ill.
Jelbmann, Harry, willow ware mfrs., Orenco, Ore.
Jelin, Abraham, contrs., New Brunswick, N. J.
Jelke, John F., Co., canned goods, 759 S. Washtenaw av, Chicago, Ill.
Jelks, W. A., & Co., fertilizer, Hawkinsville, Ga.
Jellico Foundry Co., Jellico, Tenn.
Jellico Hardware Co., Jellico, Tenn.
Jelliff, C. O., Mfg. Corp., agricultural implements & wire goods mfrs., Box 68, Southport, Conn. *See adv. index at end of book.*
Jelliff, Geo. H., & Son, sieves, New Canaan, Conn.
Jellow T., architect, Braintree, Boston, Mass.
Jeltes, Stuck, & Son, sash, door & blind mfrs., Grand Rapids, Mich.
J-E-M Shade Holder Co., 221 W. 33d, New York.
Jemne Magnus, architect, Endicott bldg., St. Paul, Minn.
Jenckes Knitting Mach Co., Pawtucket, R. I.
Jenckes Spinning Co., tire fabrics, Pawtucket, R. I.
Jencks, E., Mfg. Co., machsts., Worcester, Mass.
Jencks, H. F., Co., tapping & threading mach., drinking & sanitary fountains, etc., Pawtucket, R. I.
Jencks Paper Box Co., 45 Waldo, Providence, R. I.
Jenison, L. & L., Co., flour mills, Jenison, Mich.
Jenkins, A. C., architect, Albany, Ore.
Jenkins Austin D., architect, 6 N. Michigan av, Chicago, Ill.
Jenkins, Branscombe & Romberg, architects, Grand Junction, Colo.
Jenkins Brick Co., Montgomery, Ala.
JENKINS BROS., sole manufacturers of genuine Jenkins valves; also sheet packing, gaskets, & other mechanical rubber goods, 80 White, New York. Branch stores & offices: Boston, Philadelphia, Chicago. Foreign: Jenkins Bros., Limited, Montreal, Canada; London, England.
Jenkins, C. C., masons' & bldrs.' matls., Willoughby, Ohio.
Jenkins, Charles B., architect, Newkirk, Okla.
Jenkins, D. C., Glass Co., Kokomo, Ind.
Jenkins, Daniel, contractor, Streator, Ill.
Jenkins, Geo. O. Co., leather boards & paper & pulp mills, Whitman, Mass.
Jenkins, Geo. R., & Co., lubricating oils & greases, 608 S. Dearborn, Chicago, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Jenkins, J. E., flour, Central City, Neb.
Jenkins, J. W., lumber, Macon, Ga.
Jenkins, Jas. H., granite, Quincy, Mass.
Jenkins, John W., stone producers, Springfield, Ohio.
Jenkins, L. Chastine, contractor, Richmond, Va.
Jenkins Lumber Co., Birmingham, Ala.
Jenkins-McKay Hdwe. Co., Central City, Colo.
Jenkins Machine Co., woodworking machy., Sheboygan, Wis.
Jenkins Mfg. Co., machs. & Fdrs., Bloomfield, N. J.
Jenkins Mfg. Co., sewage ejectors, plugs, etc., Bloomfield, N. J.
JENKINS PAINT & OIL CO., paint manufrs., Norfolk, Va.
Jenkins-Phipps Co., rattan & reed wks., Wakefield, Mass.
Jenkins Rubber Co., Elizabeth, N. J., & 80 White, New York.
Jenkins Vulcan Spring Co., Richmond, Ind.
Jenkins, W. M., Machine Works, 18th & Treat av, San Francisco, Cal.
Jenkins, W. S., & Sons, machsts., Portland, Mich.
Jenkins & Wells, contractors, Sacramento, Cal.
Jenkins & Bogert Mfg. Co., wood turning, Kingfield, Me.
Jenkinson, John, see Jenkinson Brass Fdry. Co. (successor).
Jenkinson, R. C., & Co., hdwe. mfrs., 293 Washington, Newark, N. J.
Jenks, A. Murray, architect, Mt. Vernon, N. Y.
Jenks, Edw. B., dock bldrs., 143 Liberty, New York.
Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.
Jenks & Muir Mfg. Co., brass & iron bedsteads and mattresses, 1441 Hastings, Detroit, Mich.
Jenks & Plume, contractors, Mount Vernon, N. Y.
Jenks & Son, machsts. & fndrs., Prairie City, Ia.
Jenks, W. H., machsts. & fndrs., Brookville, Pa.
Jenne, Geo., cornices & skylights, Yazoo City, Miss.
Jennens, W. H., composition & plastic ornaments, archl. decorators, etc., 1811 Baltimore av, Kansas City, Mo.
Jenner, John H., machsts. & fndrs., Leavenworth, Ind.
Jennings, John T. W., architect, Natl. Bk. Bldg., Joliet, Ill.
Jennet Bridge & Iron Works, steel bridge bldrs., 3541 Shields av, Chicago, Ill.
Jennett Bros. Co., fertilizer mfrs., Elizabeth City, N. C.
Jennings Automatic Dump. Body Co., Roanoke, Va.
Jennings Bros., lbr., Jennings, Md.
Jennings Bros. Mfg. Co., machsts. nut crackers, etc., Bridgeport, Conn.
Jennings, C. E., & Co., hdwe. mfrs. 71 Murray, New York.
Jennings Cypress Tank Co., Shreveport, La.
Jennings, E. M., machsts., Webster, N. Y.
Jennings Graphite Co., Lineville, Ala.
Jennings & Griffin, machsts. & fndrs., Meriden, Conn.
Jennings & Griffin Mfg. Co., saws, Port Jervis, N. Y.
Jennings, J. B., lbr., Reform, Ala.
Jennings & John, ornamental architectural iron, 83 Manhattan, New York.
Jennings, Martin, & Bros., contractors, 902 E. Triggs av, Memphis, Tenn.
Jennings Pump Dredge Co., centrifugal pumps with adjustable liners, 180 N. Dearborn, Chicago, Ill.
Jennings, R. J., Yarn Clearing Machine Co., Elmira, N. Y.
Jennings & Ross Co., contractors, B'way & Chicago, Milwaukee, Wis.
Jennings-Russell Mfg. Co., machsts. & fndrs., augers & mach. bits, Chester, Conn
Jennings, S. P., & Sons, wood handles, New Castle, Ind.
Jennings Silver Co., Irvington, N. J.
Jennings, W. G., & Son, brick, Greensboro, N. C.
Jennings & Welstead Corp., contractors, 237 E. 41st, New York.
Jennison Co., engineers & contrs. for supplying & installing power, heating & ventilating equipt., Fitchburg, Mass.
Jennison Hardware Co., mill & facty. supplies, Bay City, Mich.
Jennison, O. M., lbr., Peacham, Vt.
Jennison, W. J., Co., flour, 922 Flour Exch., Minneapolis, Minn.
Jennison-Wright Co., flooring blocks, wood, Toledo, Ohio.
Jenny, Alex S., architect, 491 Boyton, Boston, Mass.
Jensen Bros. Co., contractors, Council Bluffs, Iowa.
Jensen, C. E., cornices, 3331 W. North av, Chicago, Ill.
Jensen, Clarence A., architect, 3637 N. Kedvale av, Chicago, Ill.
Jensen Construction Co., Fort Dodge, Ia.
Jensen Creamery Machinery Co., Blvd. & 13th, Long Island City, N. Y.
Jensen, Elmer C., architect, New York Life Bldg., Chicago, Ill.
Jensen, Emil, contractor, Kenosha, Wis.
Jensen, G. P. W., contractor, 320 Market, San Francisco, Cal.
Jensen, J. C., & Co., contractors, 7022 St. Lawrence av, Chicago, Ill.
Jensen, J. Chris., architect, Council Bluffs, Ia.
Jensen, Jens J., architect, 4815 N. Lawndale av, Chicago, Ill.
Jensen-King-Byrd Co., mill & facty. supplies, whol. hdwe., Spokane, Wash.
Jensen-Kohlert Mfg. Co., machsts., St. Charles, Ill.
Jensen, O. C., machst., 1922 Park av, New York.
Jensen & Krage, contractors, Sioux City, Ia.
Jensen, P. C., mach. & fndr., Central City, Neb.
Jensen Trunk Facty., 102 W. 9th, Kansas City, Mo. (tr.)
Jensen's Facty. Store, closet tanks & seats, Evansville, Ind.
Jenson, Louis, contractor, Lincoln, Neb.
Jeppener, Paul, molds, models & experimental wks., 114 Center, New York.
Jepson, John W., Inc., machsts., 2665 Main, Buffalo, N. Y.
Jerald, S. E., Sulky Co., carriages, Waterloo, Ia.
Jerauld County Milling Co., flour, Dept. H, Wessington Springs, S. Dak.
Jergens, Andrew, Co., soap mfrs., Spring Grove av, Cincinnati, O.
Jergens, Andrew, Co., hand soap, 599 Broadway, New York.
Jerguson Gauge & Valve Co., mfrs. water gauges & valves for steam, gas & water, Mystic av & Fellsway, Somerville, Mass.
Jermyn & Co., anthracite coal mine, Scranton, Pa.
Jerns, Nicholas, lumber, Bellingham, Wash.

Jerome, Edgar, contractor, Rockville, Ind.
Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.
Jerome, Hy., carriage rims, Worcester, Mass.
Jerome Paper Co., toilet paper, 314 W. 53d, New York.
Jersemann, Max, jewelry cases, 105 Maiden la, New York.
Jersey, Albert, canned goods, Belcamp, Md.
Jersey Button Wks., 134 W. 26th, New York.
Jersey City Galvanizing Co., pipe straps, iron & steel roofing & ventilator mfrs., 74 Morgan, New York.
Jersey City Machine Co., shell tools, chucks, mandrels, multiple parts, turret lathe work, etc., 113 Plymouth, Jersey City, N. J.
Jersey City Supply Co., plumbers', mill & facty. supplies—jobbers, 12 Mercer, Jersey City, N. J.
Jersey Forging Works, Dept. H, 16th & Jersey av, Jersey City.
Jersey Oil Mill Co., Jersey, Ga.
Jerslid Knitting Co., sweaters, cardigans, etc., Neenah, Wis.
Jerus, N., lbr., Bellingham, Wash.
Jervis Foundry & Machine Co., Decatur, Ala.
Jeschke, Edw., machinist & founder, agric'l implements, Bellevue, Ohio.
Jeske, Gust. J., & Son., bldg. contr., 1089 Richards, Milwaukee, Wis.
Jeske, R., & Bro. Co., cornices, metal doors, 119 Reservoir av, Milwaukee, Wis.
Jesnig, C., scientific instruments, 714 Sansom, Philadelphia, Pa.
Jesse, August, machinist, Stillwater, Minn.
Jesseman Granite Co., North Haverhill, N. H.
Jesson, Jno. B., machsts., 424 Vine, Philadelphia, Pa.
Jessop Steel Co., steel sheet rolling mills, Washington, Pa.
Jessop, Wm., & Sons, Inc., steel, 91 John, New York.
Jessup & Moore Paper Co., Commercial Trust Bldg., Phila., Pa.
Jessup, Stephen C., Pattern Wks., Salem, Ohio.
Jester-Cooper Co., telegraph app., Houston, Tex.
Jesup F. W. & Co., Inc., shovels, spades & picks, 90 W. B'way, New York
Jeter, A. H., & Co., cornices & skylights, 91 Webster av, Long Island City, N. Y.
Jeter Hdwe. Co., mill & facty. supplies, Jonesboro, Ark.
Jett, Muths, Constr. Co., Inc., Mobile, Ala.
Jetter & Co., machsts., 861 Jefferson, Buffalo, N. Y.
Jewel Cut Glass Co., 200 5th av, New York.
Jewel Elec. Co., 4714 B'way, Chicago, Ill.
Jewel Mfg. Co., metal polish, wall paper cleaners, etc., 2863 W. 22d, Chicago, Ill.
Jewel Supply & Equipment Co., mill, facty., contrs. & supplies, 34H So. Calvert, Baltimore, Md.
Jewel Vacuum Cleaner Co., 226 N. Jefferson, Chicago, Ill.
Jewelers' Circular, trade publication, 11 John, New York.
Jewelers' Technical Advice Co., jewelers' & refiners' platinum melting outfits, 14 John, New York.
Jewell Belting Co., Hartford, Conn.
Jewell & Co., plain envelopes, 1302 Filbert, Philadelphia, Pa.
Jewell Electric Co., electrical controller mfrs., Munsey bldg., Baltimore, Md.
Jewell Electrical Instrument Co., ammeters & voltmeters, 1650 Walnut, Chicago, Ill.
Jewell-Loudermilk Co., Gainesville, Ga.
Jewell Mfg. Co., heat regulators, etc., Auburn, N. Y.
Jewell Polar Co., 24 S. Clinton, Chicago, Ill.
Jewell Steel & Malleable Co., Buffalo, N. Y.
Jewell, Thos., architect, 3113 Dalton av, Los Angeles, Cal.
Jewell, Umbrecht, architect, Kilmer Bldg., Binghamton, N. Y.
Jewell Water Improvement Co., 9 S. Clinton, Chicago, Ill.
Jewett, A. B., architect, Durant, Okla.
Jewett Car Co., see Hamilton, Wm. Sons Car Co. (successors).
Jewett & Co., stove mfrs., Buffalo, N. Y.
Jewett Cornice & Roofing Co., San Antonio, Texas.
Jewett, Geo. H., Co., auto. wood bodies, Worcester, Mass.
Jewett, Grace, architect, 57 Post, San Francisco, Cal.
Jewett Lumber Co., Des Moines, Ia.
Jewett Piano Co., Leominster, Mass.
Jewett Refrigerator Co., Buffalo, N. Y.
Jewett & Sowers Oil Co., 20 W. Jackson blvd, Chicago, Ill.
Jewett Stamping & Enameling Co., Jewett, Ohio.
Jewettville Brick Co., Builders' Exchange, Buffalo, N. Y.
Jewkes, Jos., & Sons, contractors, 676 Montgomery, Jersey City, N. J.
Jex Lumber Co., Spanish Fork, Utah.
Jeysen, Geo. L., & Son, contrs., West Newton, Mass.
J. H. M. Constr. Co., 54 Maiden la, New York.
Jidas, J. D., Bros. & Co., soap powders, 906 W. North av, Chicago, Ill.
Jiffy Fire Hose Rack Co., hose nipples, reels & drain boxes, 727 7th av, New York.
Jiffy Jack Mfg. Co., 10209 Quincy, Cleveland, Ohio.
Jiffy Water Heater Co., 1000-02 N. Vandeventer av, St. Louis, Mo.
Jiles, Jas., Co., masons' & bldrs.' matls., Stayton, Pittsburgh, Pa.
Jillson, B. H., architect, 9111 S. Robey, Chicago, Ill.
Joannes, Francis Y., architect, 52 Vanderbilt av, New York.
Job, Fred'k, watchmakers' & jewelers' tools, Wilkes-Barre, Pa.
Jobbers' Mfg. Co., belt dressing, 327 S. La Salle, Chicago, Ill.
Jobbins, Wm. F., chemicals, Aurora, Ill.
Jobes, Emmor W., machsts., Minerva, Ohio.
Jobes Milling Co., flour, St. Johns, Oreg.
Jobson, C. Frank, architect, Pullman Bldg., Chicago, Ill.
Jobson-Gifford Co., steel struct. wk., 30 E. 42d, New York.
Jobst, Jacob J., contr., Peoria, Ill.
Jobst, V., & Sons, contrs., Peoria, Ill.
Jochim, J. W., Hardware Co. (Ltd.), cornices & skylights, Ishpeming, Mich.
Joe Creek Lbr. Co., Comfort, W. Va.
Joe Creek Shingle Co., Aloha, Wash.
Joerns Bros. Mfg. Co., sewing cabinets, 2362 University av, St. Paul, Minn.
Joesting & Schilling Co., hotel supplies, 379 Sibley, St. Paul, Minn.
Johannes, H. J., Pickling Co., canned goods, Clintonville, Wis.
Johannesburg Mfg. Co., lumber, Johannesburg, Mich.
Johannesen Mfg. Co., bank fixtures, Erie, Pa.
Johanning, Chas., cornices, Richmond, Ind.
Johannsen, H. S., marine engines, 50 Church, New York.
Johansson C. E., Inc., gauges, Poughkeepsie, N. Y.
Johanson, A., & Co., arch. iron, 529 Dorchester av, Boston, Mass.
John, J. T., Co., fertilizer, Johns, N. C.
John, R. H., Jr., trunks, Galveston, Tex.
John Mfg. Co., paper cups, Springfield, Ohio.
Johnck, Frederick, architect, 122 S. Michigan av, Chicago, Ill.
Johnetta Brick Co., 1203H Chamber of Commerce Bldg., Pittsburgh, Pa.
Johnetta Fndry. & Mach. Co., Marianna, Pa.
Johns Alfred Milling Co., flour, Henshaw, Ky.
Johns & Brown Co., sash, door & blind mfrs., Aurora, Ill.
Johns Engineering Co., models, dies, tools, etc., 625 Champlain av, Cleveland, Ohio. *See adv. index at end of book.*
John's Hanger Mfg. Co., hdwe. mfrs., 709 Harrison, San Francisco, Cal.
Johns Hopkins Univ. Dept. of Eugng., engng. schools & coll., Homewood, Baltimore, Md.
Johns-Manville, Inc., asbestos, insulation, etc., Madison av & 41st, New York.
Johns-Pratt Co., fuse insulators & packing mfrs., Hartford, Conn
Johns, S. P., & Sons, masons' & bldrs.' matls., Sedalia, Mo.
John's Stamping & Machine Works Co. (The), 1715 Leonard, Cleveland, Ohio.
Johnson, A. A., cornices, Altoona, Pa.
Johnson, A. E., pipe repair clamps, 211 N. Exchange, Providence, R. I.
Johnson, A. J. & Sons Furn. Co., 517 Noble, Chicago, Ill.
Johnson, A., & Sons, brick, Mediapolis, Ia.
Johnson, A V., & Co., contractors, 1123 B'way, New York.
Johnson, A. W. V., chemicals, disinfectants, oxygen apparatus, etc., Merchants Exchange Bldg., San Francisco, Cal.
Johnson Acetylene Gas Co., Crawfordsville, Ind.
Johnson, Albert, & Co., bank fix., 131 Border, E. Boston, Mass.
Johnson, Alfred, & Son, contractors, Boston, Mass.
Johnson, Algot, contractor, Burlington, Ia.
Johnson, Arland W., architect, 469 5th av, New York
Johnson, Arthur, & Co., badges & buttons, 45 John, New York.
Johnson, August N., machsts. & fdrs., Manistee, Mich.
Johnson Automatic Sealer Co. (Ltd.), machsts., Battle Creek, Mich.
Johnson, B. J., Soap Co., 42 4th, Milwaukee, Wis.
Johnson, B., & Son, contractors, Richmond, Ind.
Johnson Ben Co., contr., Miami, Fla.
Johnson & Thompson, steel tanks & structural wk., Birmingham, Ala.
Johnson & Bassett, textile machy., Worcester, Mass.
Johnson & Baum, contrs., Superior, Wis.
Johnson Belt'g Co., mfrs., 342 E. 38th, New York.
Johnson & Berntson, sash, door & blind mfrs., Corona, N. Y.
Johnson & Briggs, ties, poles & posts, Mutual Bldg., Richmond, Va.
Johnson Bronze Co., bearings & bushings, New Castle, Pa.
Johnson Bros., cornices & skylights, 4 Industry, Pittsburgh, Pa.
Johnson Bros., flour mills, Gate City, Va. (tr.)
Johnson Bros. Co., mill & facty. supplis, who. hdwe., Bath, Me.
Johnson Bros. Motor Co., machsts., Terre Haute, Ind.
Johnson & Brown, contrs., Centralia, Wash.
Johnson, C. A., & Co., cloth folding machs., 55 Pine, Providence, R. I.
Johnson, C. H., architect, Citizens Nat'l Bk. Bldg., Sedalia, Mo.
Johnson, C. H., mill & facty. supplies, Chicora, Pa.
Johnson, C. H., sashes, doors & blinds, Burton, O.
Johnson, C. I., Mfg. Co., machsts., 48 E. 3d, St. Paul, Minn.
Johnson, C. J., contractor, Railway Exch. Bldg., Seattle, Wash.
Johnson, C. O., stone, Salt Lake City, Utah.
Johnson C. R., architect, Humboldt B'k. bldg., San Francisco, Cal.
Johnson, C., Upholstering Co., Youngstown, Ohio.
Johnson-Carey Co., contractors, Metropolitan Bldg., St. Paul, Minn.
Johnson, Carl J., architect, 5135 Bernard, Chicago, Ill.
Johnson, Carl P., architect, 30 E. 42d, New York.
Johnson & Carlson, wood tanks, 848 Eastman, Chicago, Ill.
Johnson-Carlson Cut Glass Co., 30 E. Randolph, Chicago, Ill.
Johnson Carlyle Machine Co., friction & gas engine clutches, marine gears, etc., Manchester, Conn.
Johnson, Chas. E., & Co., color mfrs., 509 S. 10th, Phila., Pa.
Johnson, Chas. H., shoe counters, Lynn, Mass.
Johnson, Chas. H., cornices, Jacksonville, Fla.
Johnson, Chas. Hdwe. Co., Peoria, Ill.
Johnson, Chas. O., contractor, 240 10th av, 240 10th av, New York.
Johnson, Chas., & Son, arch'l iron, 320 W. Grand, Chicago, Ill.
Johnson, Chris., & Son, contractors, Oshkosh, Wis.
Johnson City Boiler & Tank Co., Johnson City, Tenn.
Johnson City Coal Co., Conway bldg, Chicago, Ill.
Johnson City Fdry. & Mach. Co., Johnson City, Tenn.
Johnson City Washer Coal Co., White Ash, Ill.
Johnson, Clarence, architect, 417 33rd, Milwaukee, Wis.
Johnson Coin Counting Mach. Co., 237 Lafayette, New York.
Johnson & Co., htg. contrs., 1477 Flatbush av, B'klyn, N. Y.
Johnson & Co., buckwheat flour, Franklin, Pa.
Johnson Compound & Supply Co., Rochester, N. Y.
Johnson Constr. Co., 38 S. Dearborn, Chicago, Ill.
Johnson Constr. Co., Fargo, N. D.
Johnson & Crowley, printers' machinists, 182 Centre, New York.
Johnson, D. E., Co., stencils, steel stamps, etc., 140 William, New York.
Johnson & De Lano, contrs., 3231 Harrison, Kansas City, Mo.
Johnson, E. E., pump sockets; well screens, etc., St. Paul, Minn.
Johnson, E. E., lbr., Coquille, Ore.
Johnson, E. F., machsts, Kalkaska, Mich.
Johnson, E. G., Co., contractors, Portland, Me.
Johnson, E. P. Piano Co., Ottawa, Ill.
Johnson, E. P., Rule Mfg. Co., 565 Wash. Blvd., Chicago, Ill.
Johnson Eads M. E., Inc., naval architects, 115 B'way, New York
Johnson-Edens Lumber Co., Ivanhoe, N. C.
Johnson Educator Food Co., 100 Sidney, Cambridge, Mass.
Johnson Edwin A., contr., Bridgeport, Conn.
Johnson Elec. Washer Co., clothes washing machines, 2074 market, San Francisco, Cal.
Johnson, Elmer C., whol. & retail plate glass, Evansville, Ind.
Johnson Engng. Wks., see Marathon Mills & Machy. Wks. (successors)
Johnson Evers & Co., hdwe., lbr., etc., Laurel, Neb.
Johnson Excelsior & Mfg. Co., Indianapolis, Ind.
Johnson, Ezra, Novelty Co., advtg. nov., Newnan, Ga.
Johnson, F., & Co., contractors, 1943 N. Cal. av, Chicago, Ill.
Johnson, F. E., architect, Superior, Wis.
Johnson, F. S., Co., harness saddle & strap mfrs., 576 Howard, San Francisco, Cal.
Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.

Johnson & Field Mfg. Co., agric. implement mfrs., cleaners, separators, etc., Racine, Wis.
Johnson, Folger, Esq., architect, 693 Marshall, Portland, Ore.
Johnson-Fortnum mchsts. & fndrs., Berlin, Wis.
Johnson Foundry & Machine Shops, Madison, Ind.
Johnson Fdry. & Mach. Wks., Los Angeles, Cal.
Johnson, Frank H., alloy & cold drawn steel, etc., 208 South La Salle, Chicago, Ill.
Johnson, Frank L., & Co., contractors, Duluth, Minn.
Johnson, Fred, architect, 46 Prospect av, Flushing, N. Y.
Johnson, Fred R., contractor, 179 Kenilworth, Detroit, Mich.
Johnson Fuel Co., coal mine, Fairfax, S. D.
Johnson Furn. Co., Dept. H, Grand Rapids, Mich.
Johnson, G. A., & Son, contractors, 1335 N. Clark, Chicago, Ill.
Johnson, G. M., Mfg. Co., cages & mine car caging machines, Jeanette, Pa.
Johnson Gas Appliance Co., Cedar Rapids, Ia.
Johnson Gear Co., 735 Folsom, San Francisco, Cal.
Johnson, Geo. T., & Co., scrap iron & steel, Widener Bldg., Philadelphia, Pa.
Johnson, Geo. T. Co., toilet paper, 76 Batterymarch, Boston, Mass.
Johnson, Geo. W., Limestone Co., New Castle, Pa.
Johnson, Geo. W. Mfg. Co., doors—elevator, fireproof, etc., 4226 Page pl, St. Louis, Mo., and Kansas City, Mo.
Johnson, Grafton, canned goods, Greenwood, Ind.
Johnson Granite Co., Lithonia, Ga. & Montpelier, Vt.
Johnson Graphite Lubricator Corp., 50 Church, New York.
Johnson-Greenleaf Lumber Co., Norfolk, Va.
Johnson, Greenleaf & Son, lumber mfrs., Marine Bk. Bldg., Baltimore, Md.
Johnson & Gustafson, granite, Barre, Vt.
Johnson, H., architect, Farrell, Pa.
Johnson, H., Co., packing, ft Gates av, Jersey City, N. J.
Johnson, H. F., & Sons, cornices, Kingston, Pa.
Johnson, H. H., panel board cabinets, 277 Minna, San Francisco, Cal.
Johnson, H. H., Lbr. Co., Haughton, La.
Johnson, H. S., sashes, doors & blinds, 18th av, N. E., & Marshall, Minneapolis, Minn.
Johnson, H. S., Co., meat packers, Pawtucket, R. I.
Johnson Hardware Co., Lafayette, Ind.
Johnson Hardware & Implement Co., Greenville, Ala.
Johnson Heat Regulating Co., 14 N. 12th, St. Louis, Mo.
Johnson, Henry Hall, architect, Great Falls, Mont.
Johnson & Hibbard, auto. wood bodies, trucks, etc., Westfield, Mass.
Johnson, I. H., Jr., Co., Inc., spec. machy., 337 N. 15th, Phila., Pa.
Johnson, I. M., Co., architects, 3245 22d av, S., Minneapolis, Minn.
Johnson Ice Co., masons & bldrs.' matls., Jamestown, N. Y.
Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.
Johnson, Isaacs G., & Co., malleable iron & steel castings, railway track drills, Spuyten Duyvil, New York.
Johnson Isham B., architect, Empire bldg., Seattle, Wash.
Johnson, Israel H., Jr., Co., machsts., 337 N. 15th, Phila., Pa.
Johnson, J. A., cornices, Middletown, Ohio.
Johnson, J. A., & Co., contractors, 115 S. 6th, Minneapolis, Minn.
Johnson, J. C., architect, Columbia, S. C.
Johnson, J. C., Lbr. Co., Addy, Wash.
Johnson, J. D., Co., machsts. & fndrs., 43 Boerum pl, Brooklyn, N. Y.
Johnson, J. F., contr., Littlefield Bldg., Austin, Texas.
Johnson, J. G., Co., masons' & bldrs.' mtls., Manitowoc, Wis.
Johnson, J. H., architect, Sumter, S. C.
Johnson, J. Henry, architect, 95 State, Albany, N. Y.
Johnson, J. J., contractor, Denton, Tex.
Johnson, J. R., & Co., car axles, Richmond, Va.
Johnson, J. T., mill & facty. supplies, who. hdwre., Kingston, N. Y.
Johnson, J. T., & Co., architects, State Life Bldg., Indiana, Ind.
Johnson & Jenning Co., spec. machy., Cleveland, Ohio.
See adv. index at end of book.
Johnson, Joel, contractor, 110 Jessie, San Francisco, Cal.
Johnson, John, lumber, Monroe, Wash.
Johnson, John, Co., pumps, mixers, filter presses, etc., 37th & 2nd av, Brooklyn, N. Y.
Johnson, John, Co., tents & pipe & boiler covering, 1314 Gratiot av, Detroit, Mich.
Johnson, John, Constr. Co., 765 Abbott rd, Buffalo, N. Y.
Johnson, John H., contractor, 133 W. Washington, Chicago, Ill.
Johnson, Jno. L., sash, door & blind mfr., 4250 Lincoln av, Chicago, Ill.
Johnson, John S., & Son, agricultural implements, Waukon, Ia.
Johnson, John W., granite, Burlington, Vt.
Johnson & Johnson, auto. tops, 422 E. Saratoga, Baltimore, Md.
Johnson & Johnson Constr. Co., McKnight Bldg., Minneapolis, Minn.
Johnson, Jos. B., mach. dealer, Tampa, Fla.
Johnson, Kirk, & Co., pianos, Lebanon, Pa.
Johnson Knitting Mach. Co., St. Johnsville, N. Y.
Johnson, L. H., contractor, 922 Laurel av, Minneapolis, Minn.
Johnson, L. W., machy dealer, Lake City, Fla.
Johnson, Lawrence, & Co., crude rubber, 209 S. 3d, Phila., Pa.
Johnson Lthr. Co., decorative art lthrs., 43 W. 16th, New York.
Johnson, Lindley, architect, Harrison Bldg., Philadelphia, Pa.
Johnson, Louis, lumber, Bayou Chicot, La.
Johnson, Louis, Bldg. Co., contrs., Yonkers, N. Y.
Johnson Lumber Co., Erie, Pa.
Johnson Lumber Co., 1st Nat'l Bk. Bldg., Milwaukee, Wis.
Johnson Lumber Co., masons & bldrs.' matls., Kewanee, Ill.
Johnson, M. H., Jr., architect, Brazil, Ind.
Johnson, M. L., & Sons, sashes, doors & blinds, 1311 Yale av, S. E., Minneapolis, Minn.
Johnson, M. M., Co., cornices & skylights; incubators & brooders, Colton, Cal. & Clay Centre, Neb.
Johnson Mach. & Tool Co., sensitive drills, Gouverneur, N. Y.
Johnson Magnus, contr., Santa Barbara, Cal.
Johnson-Mandeville Co., mill & facty. supplies, 496 Broad, Newark, N. J.
Johnson Mfg. Co., asparagus bunchers, 314 Cherry, Phila., Pa.
Johnson Mfg. Co., soldering fluid, 729 W. Washington, Chicago, Ill. *See adv. index at end of book*
Johnson, Meier, fndr., 155 Wendell, Chicago, Ill.
Johnson & Miller, architects, 105 S. 7th, Terre Haute, Ind.
Johnson & Miller, test indicators, 42 Murray, New York.
Johnson & Morris, steam & hot water heating contractors, 538 W. 23d, New York.
Johnson-Morse Can Co., lard, tin can mfrs., Wheeling, W. Va.
Johnson, Nestor, Mfg. Co., ice skates, 1237 N. Cal. av, Chicago, Ill.
Johnson, O., cornices, 1002 W. Randolph, Chicago, Ill.
Johnson, O. A., & Sons, die stocks, 6522 S. Winchester av, Chicago, Ill.
Johnson, O. C., architect, Butler, Pa.
Johnson, Ole, Sons, Co., machsts., Milwaukee, Wis.
Johnson, Oliver & Co., plate glass, paint, 24 Custom House, Providence, R. I.
Johnson, Oscar, architect, 4937 N. Talmar av, Chicago, Ill.
Johnson, Otto, bldg. contr., Duluth, Minn.
Johnson, P., childrens' cradles, 856 W. Erie, Chicago, Ill.
Johnson, P. P., & Son, contractors, Henderson, Ky.
Johnson, Paul S., can filling machs., 1906 E. 93d, Cleveland, O.
Johnson, Peter B., contrs., Racine, Wis.
Johnson, Peter, & Sons, mill & facty. supplies, Decorah, Ia.
Johnson-Pollock Lbr. Co., Mt. Hebron, Cal.
Johnson, Reginald D., architect, Pasadena, Cal.
Johnson, Richard H., Co., contractors, Wayne, Pa.
Johnson & Ritz, masons & bldrs.' matls., Napoleon, Ohio.
Johnson, Robt., Inc., contractor, 204 E. 58th, New York.
Johnson, Robt. W., architect, Corona, N. Y.
Johnson, Robt. W., architect, 6809 N. Hillsdale av, Oak Park, Ill.
Johnson, S. C., & Son, auto. & floor polish, carbon & varnish removers, etc., Racine, Wis.
Johnson, S. N., masons' & bldrs.' matls., Laredo, Tex.
Johnson, S. T., Co., machsts., 1334 Mission, San Francisco, Cal.
Johnson, S. S., archit., People's Bank Bldg., Lynchburg, Va.
Johnson, S. W., masons & bldrs.' matls., Watertown, N. Y.
Johnson Service Co., heat regulating appliances, 153 Michigan, Milwaukee, Wis.
Johnson & Law, contrs., Anaconda, Mont.
Johnson, Sherrane, Co., contractors, 103 Park av, New York.
Johnson Shipyards Corp., W. New Brighton, S. I., N. Y.
Johnson Shuttle Co., sewing machines parts, 217 W. Superior, Chicago, Ill.
Johnson, T. C., & Sons, shoe counters, Lynn, Mass.
Johnson, T., Co., barrel leveling machs., 108 S. La Salle, Chicago, Ill.
Johnson, Thos., architect, Bemidji, Minn.
Johnson, Thos. (Est. of), tex. machy. (hosiery bands & labels), Lawrence & Clearfield, Philadelphia, Pa.
Johnson, Thos. H., contractor, Sedalia, Mo.
Johnson, Thos. J., & Co., sash, door & blind, 896 Washington, Boston, Mass.
Johnson, Thos. W., Co., contrs., Lowell, Mass.
Johnson & Thompson, tanks & steel str'l wk., Birmingham, Ala.
Johnson & Tomek Co., carved mouldings, 1855 W. Lake, Chicago, Ill.
Johnson, V. C., machinist, Kasson, Minn.
Johnson, V. E., janitors' supplies, Tacoma, Wash.
Johnson-Van Vlaanderen Mach. Co., Paterson, N. J.
Johnson W. C., contr., Belleville, Ind.
Johnson, W. D., architect, 174 Bond, Hartford, Conn.
Johnson, W. E., common brick, Augusta, Wis.
Johnson, W. F., Lbr. Co., Natchitoches, La.
Johnson, W. H., & Son Co., radiator shields, 330 St. Joseph, Indianapolis, Ind.
Johnson, W. J., cornices, Wilmington, Del.
Johnson W. S., fertilizer mtls., Atlanta, Ga.
Johnson, W. Templeton, architect, Timken Bldg., San Diego, Cal.
Johnson, W. V., Fndry., machsts. & fndrs., St. Paul, Minn.
Johnson & Walters Mfg. Co., stamping, etc., 53 Baltimore av, Detroit, Mich.
Johnson-Washburn Co., steam fitters, mill & facty. supplies, 91 Haverhill, Boston, Mass.
Johnson & Wells Machine Co., Neenah, Wis.
Johnson-Wentworth Lumber Co., Cloquet, Minn.
Johnson, Wm. (Hedenberg Works), plumbers' & tinners' tools, etc., mfrs., Newark, N. J.
Johnson, Wm. C., & Sons Machy. Co., 1001 N. 6th, St. Louis, Mo.
Johnson, Wm., & Co., masons & bldrs.' matls., Charleston, S. C.
Johnson, Wm. J., machsts. & fdrs., Mayville, Mich.
Johnson, Wm. R., & Co., duck decoys, Seattle, Wash.
Johnson & Biddle Tool Co., hdwe. mfrs., sawing & filing machines, tools, dies, jigs & fixtures, Elkhart, Ind.
Johnson & Johnson, surgical dressing & supplies, New Brunswick, N. J.
Johnson & Wimsatt, lbr., 1212 Water, S. W., Washington, D. C.
Johnson-Woodbridge Co., plate glass, Indianapolis, Ind.
Johnson Wrecking Frog Co., car replacers, Cleveland, Ohio.
Johnson, Z. T., htg. contrs., 19 Myrtle, Boston, Mass.
Johnsonburg Mach. Co., Johnsonburg, Pa.
Johnson's Iver Arms & Cycle Wks., revolvers, sporting & athletic gds., etc., Fitchburg, Mass.
Johnson's, Jos., Sons, contractors, West New Brighton, N. Y.
Johnston A., Jr., & Co., contrs., 111 W. Monroe, Chicago, Ill.
Johnston Brokerage Co., window glass, 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Johnston Bros., steel plate wk., Ferrysburg, Mich.
Johnston Bros., Clay Works, brick, Clay Works, Iowa.
Johnston & Chapman Co., perforated metals, screen plates, 2925 Carroll av, Chicago, Ill.
Johnston, Clarence H., architect, Capital Bk. Bldg., St. Paul, Minn.
Johnston & Co., cable & cotton cords, 35 Worth, New York.
Johnston, Frederick G., machsts., 74 State, Detroit, Mich.
Johnston, Geo., cornices, Fulton, N. Y.
Johnston Glass Co., Hartford City, Ind.
Johnston, Guy, Contr. Co., Toronto, Ohio.
Johnston, H. M., Lumber Co., Baraboo, Wis.
Johnston & Hamilton, machsts. & fdrs., Morgan City, La.
Johnston Htg. Co., steam & hot water htg. contrs., 131 E. 26th, New York.
Johnston-Hicks Mill Co., flour, Altamont, Ill.
Johnston, J. D., contractor, Newport, R. I.
Johnston, J. W., marking fluids, New Arts bldg., Rochester, N. Y.
Johnston & Jennings Co., hammered steel forgings, cranes, oil engines, electric hoists, large nuts, rolling mill machinery, shafting, weldless rings, etc., Addison rd, N. Y. C. R. R., Cleveland, Ohio. *See adv index at end of book.*
Johnston, John, & Co., tin plate, etc., 311 W. Lake, Chicago, Ill.
Johnston, John F., Co., mill & facty. supplies, Fall River, Mass.

Johnston & Klare Mfg. Co., furniture, Dept. H, Lawrenceburg, Ind.
Johnston Mfg. Co., oilers & torches, Urbana, Ohio.
Johnston-Morehouse-Dickey Co., brattice cloth, 106 Market St., Pittsburgh, Pa.
Johnston Optical Co., 314 State, Detroit, Mich.
Johnston, P. M., Co., contractors, St. Elmo, Ill.
Johnston Pattern Co., wood patterns, Canton, O.
Johnston Planing Mill Co., masons & bldrs.' matls., Johnstown, Pa.
Johnston, R. F., Paint Co., Pearl & Main, Cincinnati, Ohio.
Johnston, R. W., Studios, archl. photographers, 241 5th av, Pittsburgh, Pa.
Johnston, Robt., measuring tapes, Wilkes-Barre, Pa.
Johnston, Robt. C., & Co., steam traps, 620 Lodge, Cincinnati, O.
Johnston & Sharp Mfg. Co., machsts. & fdrs., Ottumwa, Ia.
Johnston & Son, paper & pulp mills, Port Leyden, N. Y.
Johnston, Thos. H., stencils, Harrisburg, Pa.
Johnston Tin Foil & Metal Co., 6106H S. B'way, St. Louis, Mo.
Johnston, Wm. G., Co., loose leaf devices, 429 Wood, Pittsburgh, Pa.
Johnston, Wm. K., architect, 6805 Yale av, Chicago, Ill.
Johnston, Wm. T., Co., mill & facty. supplies, machry. dlrs., 3d & Vine, Cincinnati, O.
Johnston & Walters Mfg. Co., carriage hdwe., sheet metal stamping, 101 Baltimore av, Detroit, Mich.
Johnstone Auto Lock Co., Cleveland, Ohio.
Johnstone, J. T., & Co., crude rubber imps., 22 William, New York.
Johnstone, Percy T., architect, 1254 Pratt blvd., Chicago, Ill.
Johnstone, Wm. O., architect, No. Tonawanda, N. Y.
Johnstown Clay Products Co., common brick, Johnstown, Pa.
Johnstown Rubber Co., pneumatic tires, Johnstown, Pa.
Johnstown Tribune Publishing Co., pads, Johnstown, Pa.
Jointless Fire Brick Co., 30 N. La Salle, Chicago, Ill.
Jointless Refrigerator Mfg. Co., Milwaukee, Wis.
Joliet Bridge & Iron Co., 122 S. Mich. av, Chicago, Ill.
Joliet Flux Co., stone prod., Joliet, Ill.
Joliet Forge Co., auto. crankshafts, Joliet, Ill.
Joliet Fndry. Co., Joliet, Ill.
Joliet Mfg. Co., agricultural implement mfrs., Joliet, Ill.
Joliet Oil Tractor Co., gasoline & kerosene traction engines, Joliet, Ill.
Joliet Quarries Co., stone prod., Joliet, Ill.
Joliet Railway Supply Co., brake beams, center plates & side bearings, 4052 Princeton av, Chicago, Ill.
Joliet Sand & Gravel Co., 343 S. Dearborn, Chicago, Ill.
Joliet Sash & Door Co., Joliet, Ill.
Joliet Wall Paper Mills, Joliet, Ill.
Joliet Wrought Washer Co., Joliet, Ill.
Jolley, J. H., & Co., tin plate, metals, etc., 42 N. 5th, Phila., Pa.
Jolly, J. & W., machsts. & fdrs., Holyoke, Mass.
Jolly, Weiland & Richardson Co., cornices & skylights, Olney, Ill.
Jomieson Ninian, Inc., contrs., Yonkers, N. Y.
Jonah & George, machsts. & fdrs., Merrimac, Mass.
Jonas, Chas. S., & Bros., perforating machs., 541 Pearl, New York.
Jonason, S. W., & Co., contrs., Aberdeen, S. D.
Jones, A. H., Co., silver novelties, Meriden, Conn.
Jones, A., Sons, masons & bldrs.' matls., Catlin, Ill.
Jones, Aaron, brick, Burkettsville, Ohio.
Jones & Alexander, lbr., Lyons, Ga.
Jones, Arthur D., contractors, 76 Kinston, Boston, Mass.
Jones & Auerbacher, mill & facty. supp., 26 Mechanic, Newark, N. J.
Jones Automatic Measuring Pump Co., Shelbyville, Ind.
Jones, B. E., Mfg. Co., broom & wood handles, Alba, Mich.
Jones, Ball, Co., Arlington Heights, Mass.
Jones-Beers Co., contractors, Binghamton, N. Y.
Jones of Binghamton, scales, Binghamton, N. Y.
Jones, Brainerd, architect, Petaluma, Cal.
Jones Bros., contractors, Hazlewood, Ohio.
Jones Bros., masons & bldrs.' matls., Milford, Ill.
Jones Bros. & Co., cornices & skylights, Memphis, Tenn.
Jones Bros. Co., granite producers, 10 High, Boston, Mass.
Jones Bros. & Parker, lumber mfrs., Bath, N. Y.
Jones Bros. Structural Steel Co., Ravena, Ohio
Jones & Bubb, architects, Riggs Bldg., Washington, D. C.
Jones Buggy Co., Madisonville, Ky.
Jones, C. T., architect, James Bldg., Chattanooga, Tenn.
Jones, C. T. & W. A., carriages, London, Ohio.
Jones Car Door Co., Monadnock Bldg., Chicago, Ill.
Jones, Chas. D., machst., Leroy, Ill.
Jones, Chas. Dorrance, soap, 429 Locust, Philadelphia, Pa.
Jones, Chas. G., architect, 280 Broadway, New York.
Jones, Chas. H., machinist, Zanesville, Ohio.
Jones, Chas. R., architect, Georgetown, Del.
Jones, Coates & Bailey, packing box mfrs., 1014 Hooker, Chicago, Ill.
Jones & Co., masons & bldrs.' matls., Norfolk, Va.
Jones & Co., auto. wood bodies, Syracuse, N. Y.
Jones Construction Co., 1748 W. Madison, Chicago, Ill.
Jones, D. M., Co., mill & facty. supplies, who. hdwe., Elizabeth City, N. C.
Jones, David, organs, Jersey City, N. J.
Jones Decorative Glass Co., 231 Hudson av, B'klyn, N. Y.
Jones & Dillingham, paint, Spokane, Wash.
Jones & Dunn, lbr., Jennie, Ark.
Jones, E., lumber mfrs., Globe, Ore.
Jones E. D., & Son, soap, Newport, R. I.
Jones, E. D., & Sons Co., machsts. & fdrs., Pittsfield, Mass.
Jones, E. G., Iron Works, Rock Hill, S. C.
Jones, E. J., & Co., sash, door & blind mfrs., 406 W. Spring, Columbus, Ohio.
Jones, E. L., & Co., machsts. & fdrs., Dover, Del.
Jones, E. T., canned goods, Pittsville, Md.
Jones, Edw. J., Lumber Co., Morris, Minn.
Jones, Eli, & Sons, nippers & parers, Luverne, Minn.
Jones, Enos F., Chemical Co., 51 Jay, New York.
Jones, Evan, Jr., architect, Wichita Falls, Tex.
Jones-Everett Machine Co., Ardmore, Okla.
Jones, F. O., & Co., cornices, Springfield, Ohio.
Jones, Faulk & Sons, roofing slate mfrs., Slate Hill, Pa.
Jones Fndry. Co., Meadville, Pa.
Jones Frank Bowne, naval architects, 29 B'way, New York
Jones, Fred D., machst. & fdr., Port Townsend, Wash.
Jones Fred R. Co., ry. contrs., 139 N. Clark, Chicago, Ill.
Jones & Furbinger, architect, Porter Bldg., Memphis, Tenn.
Jones, G. W. Lbr. Co., Appleton, Wis.
Jones Gauge Co., 5 Broad, Boston, Mass.
Jones, Geo. E., architect, 9 Clinton, Newark, N. J.
Jones, Geo. W., brick, Arba, N. C.
Jones & Green, sash, door & blind, Big Rapids, Mich.
Jones, H. C., Co., cottonades, Conshohocken, Pa.
Jones, H. H., Belt Fasteners, Lancaster, N. H.
Jones, H. N., Constr. Co., San Antonio, Tex.
Jones, H. O., architect, Greenville, S. C.
Jones Hardware Co., Greenville, S. C., Lima, Ohio, Richmond, Ind., & Shamokin, Pa.
Jones Hardwood Co., 10 High, Boston, Mass.
Jones & Hardy, mill & facty. supplies, Hudson, N. Y.
Jones, Harlan, architect, Gallon, Ohio.
Jones & Hartley, stone producers, 829 S. 17th av, Minneapolis, Minn.
Jones, Harvey A., architect, Georgitso Bldg., Utica, N. Y.
Jones Hollow Ware Co., 1012 Ashland av, Baltimore, Md.
Jones & Hotchkiss Co., steam fitters' supplies, Norwalk, Conn.
Jones, Howard K., architect, Farmers' Bk. bldg., Pittsburgh, Pa.
Jones, I. G., Co., see Betts Supply Co. (successors)
Jones, I. W., architect, Milton, N. H.
Jones Iron Wks., machsts., Buffalo, N. Y.
Jones, J. A., contractor, Charlotte, N. C.
Jones, J. A. & O. L., Mill & Elevator Co., flour, Nashville, Tenn.
Jones, J. B. & Co., scrap iron & steel, r. r. equipments, 712 Lacock, Pittsburgh, Pa.
Jones, J. C. Co., who. hdwe., Newark, Ohio.
Jones, J. E., machinist, Richmond, Ind.
Jones, J. F., Sons, handles (wood), Columbus Grove, Ohio.
Jones, J. H., flour mills, Petercreek, Ky.
Jones, J. H., lumber, Temperanceville, Va.
Jones, J. H., & Son, common brick, Metcalf, Ill.
Jones, J. W., machst. & fdr., Watsontown, Pa.
Jones, Jas., Co., machinists, 201 Leroy, Los Angeles, Cal.
Jones, Jas. E., lumber, Maple Rapids, Mich.
Jones, James H. S., show case mfrs., 39 William, Bridgeport, Conn.
Jones, Jno. C. Fremont, packing mfrs., Braddock, Pa.
Jones, John P., bldg. contr., 386 Kenilworth pl, Milwaukee, Wis.
Jones, John S., lumber mfrs., Porter Corners, N. Y.
Jones, John T., Sons, canning machy., 734 E. Lombard, Baltimore, Md.
Jones, John W., contractor, Berkley, Va.
Jones, John W., contractor, Bellaire, Ohio.
Jones, Jos. C., Sons, iron, Emporia, Kans.
Jones & Kerry Lumber Co., St. Ignace, Mich.
Jones & Kuhlke, rubber molds, Akron, Ohio.
Jones, L. E., archl. iron, 321 N. Calvert, Baltimore, Md.
Jones & Lamb Co., meat packers, 106 South, Baltimore, Md.
Jones & Lamson Mach. Co., machsts. & fdrs., Springfield, Vt.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Jones Lumber Co., Portland, Ore.
Jones Lbr. Co., Reform, Ala.
Jones, M. D. Co., sun dials, iron settees, lawn sprinklers, etc., 73 Portland, Boston, Mass.
Jones, MacNeal & Co., electric portable drills, 522 So. Clinton, Chicago, Ill.
Jones Machine & Foundry Co., Chattanooga, Tenn.
Jones Machine Tool Co., 435 E. Pearl, Cincinnati, Ohio.
Jones Mfg. Co., machsts. & fdrs., 243 Franklin, Boston, Mass.
Jones Motor Car Co., Wichita, Kans.
Jones Motrola Co., tachometers & talking Mach. motors, 29 W. 35th, New York.
Jones Oil Engine Corp., Syracuse, N. Y.
Jones Packing Co., steam, 50 Church, New York.
Jones Paint Co., Rome, N. Y.
Jones, Phineas, & Co., carriage & wagon wheels, etc., 305 Market, Newark, N. J.
Jones & Pickett, turpentine, Covington, La.
Jones Positive Nut Lock Co., 2812 S. Wabash av, Chicago, Ill.
James, Post & Co., incubators, Racine, Wis.
Jones, R. A., soap machy., Covington, Ky.
Jones, R. E., cold storage doors, Hagerstown, Md.
Jones, R. E., & Co., tubular boilers, Franklin, Pa.
Jones, R. H., ties, poles, Callahan, Fla.
Jones, R. T., Lumber Co., North Tonawanda, N. Y.
Jones, Richard F., contractor, Hartford, Conn.
Jones, Robt. L., Slate Mfg. Co., roofing slate mfrs., Delta, Pa.
Jones, Robt. Ross, consulting engineer, Harrisburg, Pa.
Jones & Roessle, architects, Maison Blanche Bldg., New Orleans, La.
Jones, Roy Childs, architect, McKnight Bldg., Minneapolis, Minn.
Jones, S. A., granite, St. Cloud, Minn.
Jones, S. M., Co., engines, Toledo, Ohio.
Jones Sam'l & Sons, packing box mfrs., 3207 Sp. Garden, Philadelphia, Pa.
Jones & Schumacher, machsts, gas engines, 1100 West, Wilmington, Del.
Jones Speedometer, 590 Jackson av, Brooklyn, N. Y.
Jones Superior Mach. Co., 1264 W. North av, Chicago, Ill.
Jones, T. B., contractor, Fidelity Bldg., Baltimore, Md.
Jones, T. J., architect, 334 E. 3d, Portland, Ore.
Jones & Tabor, architects, Binz Bldg., Houston, Tex.
Jones, Thos. C., elec. portable, 114 E. 59th, New York.
Jones, Thos. P., & Sons, contractors, Manticoke, Pa.
Jones, Thomas W., sheet metal ornaments, 153 Maiden Lane, New York.
Jones, Trevor F., & Co., metallic sash bars, 374 W. Broadway, New York.
Jones, Underwood & Fletcher, Brazil, Ind.
Jones, Virgie E., contractor, Youngstown, Ohio.
Jones, W. A., architect, Vallejo, Cal.
Jones, W. B., flour mills, Crossville, Ala.
Jones, W. C., masons & bldrs.' matls., Watertown, N. Y.
Jones, W. Davenport, architect, 31 Clinton, Newark, N. J.
Jones, W. E., stamp'g dies, 14 Water, Brooklyn, N. Y.
Jones, W. R. & Co., plate glass, Outlook Bldg., Columbus, Ohio.
Jones, Wm., machst., Lakeland, Fla.
Jones, Wm. A., & Son, lbr., Ft. Center, Newark, N. J.
Jones, Wm. B., Boiler Co., Streator, Ill.
Jones, Wm. C., architect, 30 N. La Salle, Chicago, Ill.
Jones, Wm. C., plain envelopes, 154 W. 18th, New York.
Jones, Wm. E., contractor, Port Huron, Mich.
Jones, Wm. H., contractor, West Chester, Pa.
Jones, Wm. H., Contracting Co., 823 Shipley, Wilmington, Del.
Jones, Wm. J., architect, 422 New York Block, Seattle, Wash.

Jones, Wm. J., contractor, 2927 W. 5th, Philadelphia, Pa.
Jones, Wm. M., sash, doors & blinds, Asheville, N. C.
Jones, Wm. Potts, masons & bldrs.' matls., Conshohocken, Pa.
Jones, Willis H., archl. iron, settees, railings, etc., Utica, N. Y.
Jones Yacht Agency, naval architects, 29 B'way, New York.
Jones & Winter, contractors, 53 W. Jackson blvd, Chicago, Ill.
Jonesboro Handle Co., shovel handles—ash, Jonesboro, Ark.
Jonesboro Mach. Wks., Jonesboro, Ark.
Jonesboro Roller Mill Co. flour, Jonesboro, Ark.
Jonesboro Yarn Mills Co., seine twine, Jonesboro, Tenn.
Jonesville Oil Mill, meal, Jonesville, S. C.
Jonson, J. G., architect, 6727 17th, Seattle, Wash.
Joost Bros., Inc., whol. hdwe., 1053 Market, San Francisco, Cal.
Joplin Advertg. Sign Co., Joplin, Mo.
Joplin Cornice Wks., Joplin, Mo.
Joplin Fdry Co., Joplin, Mo.
Joplin Hardware Co., Joplin, Mo.
Joplin Mchy. & Renting Co., mill & facty. supps., Joplin, Mo.
Joplin & Meeks, contractors, 33d & Halsey, Portland, Ore.
Joplin Stove Co., Joplin, Mo.
Joplin Supply Co., mill & facty. supplies, Joplin, Mo.
Jopling, R. C., Co., architect, Tulsa, Okla.
Joppa Mattress Co., Little Rock, Ark.
Joralemon, Edgar E., architect, 482 Delaware, Buffalo, N. Y.
Jordan, Adolph M., sun dials, 37 E. 5th, Cincinnati, Ohio.
Jordan, B. C., lumber, Alfred, Me.
Jordan Bros. Lbr. Co., mooring buoys, 300 Main, Norfolk, Va.
Jordan Bros., testing clamps, 74 Beekman, New York.
Jordan Cabinet Wks., 129 Degraw, Brooklyn, N. Y.
Jordan Co., contractors, Columbus, Ga.
Jordan, Edward E., architect, Melrose, Mass.
Jordan, G. J., machsts. & fndrs., Dalton, Mass.
Jordan, Gernaah, architect, Coopersburg, Pa.
Jordan Hardware Co., Willimantic, Conn.
Jordan, Henry, architect, Healy Bldg., Atlanta, Ga.
Jordan, J. P., & Co., sashes, doors & blinds, Memphis, Tenn.
Jordan Lumber Co., mason & bldrs.' matl., Malden, Mass.
Jordan Lumber Co., Old Town, Me.
Jordan Mfg. Co., textile, Monticello, Ga.
Jordan, Millinor, & Co., turpentine, Moseley Hall, Fla.
Jordan Motor Car Co., 1070 E. 152d, Cleveland, Ohio.
Jordan, O. F., Co., contractors, 332 S. Michigan av, Chicago, Ill.
Jordan Oil Co., E. 28th, Los Angeles, Cal.
Jordan & Parker, lbr., Winton, N. C.
Jordan, Paul R., Co., ventilators, 28 S. Meridian, Indianapolis, Ind.
Jordan, R. C., agricultural implts., Ottawa, Ill.
Jordan, R. P., & Son, masons' & bldrs.' matls., Royston, Ga.
Jordan River Lbr. Co., Kiln, Miss.
Jordan, Rufus K., mach. & fndrs., Westbrook, Me.
Jordan Seed & Fertilizer Co., Dublin, Va.
Jordan, W. H., & F., Jr., Inc., chemicals & oils, 124 Water, New York.
Jordan, W. M., contractor, Greenville, S. C.
Jordan Wheelbarrow Co., Jordan, N. Y.
Jordan, William E., Inc., coal tar products, 15 Cliff, New York.
Jordis, John, iron works, 354 Jackson av, New York.
Jordon Co., masons' & bldrs.' matls., New Haven, Conn.
Jorgensen-Bennett Mfg. Co., packing box mfrs., Memphis, Tenn.
Jorgensen, C., lbr., Onalaska, Wash.
Jorgeson, F. C., & Co., show cases, 159 N. Ann, Chicago, Ill.
Jorss, A. F., iron, 315 13th, N. W., Washington, D. C.
Jory, Herbert G., architect, Munsey Bldg., Baltimore, Md.
Josam Mfg. Co., roof & floor drains, 3063 E. 61st, Cleveland, O.
Jose-Balz Co., contractors, Lemcke Annex, Indianapolis, Ind.
Josef, E. E., Mfg. Co., machsts., 14 Perry, Buffalo, N. Y.
Josenhaus T. J., architect, 4524 Lowman Drive, Seattle, Wash.
Joseph, B. J., architect, 74 New Montgomery, San Francisco, Cal.
Joseph Bros. Lbr. Co., 1737 Wellington av, Chicago, Ill.
Joseph Iron Co., scrap iron & steel, Aurora, Ill.
Joseph, Isaac, Iron Co., scrap iron, 332 S. Michigan, Chicago, Ill., & 528 Reading rd., Cincinnati, Ohio.
Joseph & Joseph, architects, Francis bldg., Louisville, Ky.
Joseph, Joseph & Bro. Co., scrap iron & steel, Cincinnati, Ohio.
Josephie, Geo., Co., broom corn, 227 Water, New York.
Josey, N. B., Guano Co., Tarboro, N. C.
Joslin, A. D., Mfg. Co., time stamps, 223 W. Erie, Chicago, Ill.
Joslin Mfg. Co., corset & shoe laces, 610 Manton av, Providence, R. I.
Joslin-Schmidt Co., fertilizer mfrs., chemicals, 3223 Sp. Grove av, Cincinnati, Ohio.
Joslyn Filter Co., water filters, 63 5th av, New York.
Joslyn Mfg. & Supply Co., pole line construction material, Chamber of Com. Bldg., Chicago, Ill.
Joss Bros. Co., granite, Quincy, Mass.
Josselyn, Edgar A., architect, 137 E. 46th, New York.
Josselyn & Taylor Co., architects, Security Savings Bk. Bldg., Cedar Rapids, Ia.
Josts', Edmund, Sons, brass castings, cocks, hose nipples, steam engine indicators, machsts. & fndrs., 58 1st, Newark, N. J.
Joubert & Goslin Machine & Fdy. Co., Birmingham, Ala.
Joullian, E. C., Packing Co., canned goods, Lake Shore, Miss.
Jourdan, C. R., & Son, canned goods, Darlington, Md.
Jourdan, I., cement constr., Selma, Cal.
Jourdan Packing Co., meat, 814 W. 20th, Chicago, Ill.
Journal Oil Co., lubrg., Bradford, Pa.
Joy, A. W., Co., meat packers, Bangor, Me.
Joy Bros., cornices, Johnstown, Pa.
Joy, Chas. E., architect, 113 Church, New Haven, Conn.
Joy, Chas. H., machsts., 407 Aberdeen, Chicago, Ill.
Joy, Edward, Co., htg. contrs., mill & facty. & steam fitters' supplies, Syracuse, N. Y.
Joy, Leander F., stone producers, Peabody, Mass.
Joy Mach. Co., coal augers, conveyors, drills, car loaders & reloaders & rail testing instr., Union Arcade, Pittsburgh, Pa.
Joy, S., architect, 2001 W. 39th, Chicago, Ill.
Joy, Sam'l S., jacks, wrenches, carriage & wagon, Rockingham, N. H.
Joy, T. B., lbr., Bodega, Cal.
Joy, Walter A., stone producers, Poughkeepsie, N. Y.
Joyce Bros. & Co., contrs., Keokuk, Ia.
Joyce-Cridland Co., The, jack mfrs., Dayton, Ohio. *See adv. index at end of book.*
Joyce, John T., contractor, Newton, Mass.
Joyce Watkins Co., ties, poles & posts, Brunswick, Ga.
J. R. Baker & Sons Co., machsts. & fndrs. (specialty mfrs.), Kendallville, Ind.
Jubilee Mfg. Co., windshield cleaners Dept. H, Omaha, Nebr.

Judd, Burritt, contractor, South Hadley Falls, Mass.
Judd Coal Co., masons' & bldrs.' matls., Bristol, Conn.
Judd, H. L., Co., binding, hooks, poles, tassels, hdwe. mfrf., etc., 87 Chambers, New York.
Judd Laundry Mach. Co., 1221 S. Michigan av, Chicago, Ill.
Judd & Leland Mfg. Co., leather cups, pumps, etc., Clifton Springs, N. Y.
Judd Paper Co., tablets & pads, Holyoke, Mass.
Judd, R. D., hdwe. mfrs., New Britain, Conn.
Judd, Walter S., granite, Swanton, Vt.
Judd, Wm. F., masons' & bldrs.' matls., Dowagiac, Mich.
Judell & Bogner, architects, 445 Milwaukee, Milwaukee, Wis.
Judelshon, Oscar I., machsts., 36 E. 8th, New York.
Judevins, A. & H., contractors, Baraboo, Wis.
Judge, Harry W., machsts., 236 Pearl, Brooklyn, N. Y.
Judkins, J. B., Co., auto. metal bodies, carriages, Merrimac, Mass.
Judlin, Peter, masons' & bldrs.' matls., 2331 N. Ramport, New Orleans, La.
Judsen, Carl A., rubber horse shoe pads, 214 W. Erie, Chicago, Ill.
Judson, C. P., & Co., mill & facty. supplies, Big Rapids, Mich.
Judson Cutlery Co., oil cloth knives, 41 Union Sq, New York.
Judson Governor Co., Rochester, N. Y.
Judson Mfg. Co., iron & steel, 819 Folsom, San Francisco, Cal.
Judson Pin Co., Rochester, N. Y.
Judson, W. H., architect, 1121 Washington, Oakland, Cal.
Judson & Williams, machsts. & fndrs., Holyoke, Mass.
Judy & Cook, common brick, Mackinaw, Ill.
Juengst, Geo., & Son, machsts., Croton Falls, N. Y.
Julian, Jas., stone producers, Madisonville, Ohio.
Julian Milling Co., flour, Julian, N. C.
Julian, W. A., Co., cornices & skylights, Tucson, Ariz.
Jullien, P. M., architect, New Com'l B'k bldg, Washington, D. C.
Jumbo Plaster & Cement Co., Sigurd, Utah.
Jump House Wrecking Co., 210 W. 14th, New York.
Junction City Lbr. Co., Urbana, Ark.
Junction City Mfg. Co., coffins, caskets, Junction City, Ga.
Junction City Sewer Pipe Co., Junction City, Ohio.
June, D., Machinery Co., Waco, Tex.
Jung Carriage Co., Sheboygan, Wis.
Jung, Fred'k., contractor, Evergreen av, Brooklyn, N. Y.
Jungelaus, W. P., Co., contractors, 827 Mass. av, Indianapolis, Ind.
Jungers Stove & Range Co., Grafton, Wis.
Juniata Furnace & Fdy. Co., Newport, Pa.
Junior Monarch Hay Press Co., San Leandro, Cal.
Juniper Lbr. Co., Inc., Ivanhoe, N. C.
Junkune Bros., padlock locks, 1145 W. Garfield, Chicago, Ill.
Junod, P., & Co., fishing tackle mfrs., Celina, Ohio.
Jurack, Chas., patterns & models, cut gears, etc., 201 Oregon, Milwaukee, Wis.
Jurras Granite Co., Montpelier, Vt.
Jury, A. C., contractors, Bloomsburg, Pa.
Jury, W. U., architect, Shamokin, Pa.
Just, Geo. A., Co., contractors, 239 Vernon av, Long Island City, N. Y.
Juster Harry, mason, Hartford, Conn.
Justice, A. R. Co., silver polish, 612 Chestnut, Phila., Pa.
Justice Coal & Lime Co., masons' & bldrs.' matls., Camden, N. J.
Justice, F. T., & Co., masons' & bldrs.' matls., Lexington, Ky.
Justice, J. H., flour mills, Hillsboro, Tenn.
Justice, Philip S., & Co., jacks, hammers, etc., 421 Chestnut, Philadelphia, Pa.
Justin Mill & Elevator Co., flour, Justin, Tex.
Justis, J. G., Co., masons' & bldrs.' matls., Newport, Del.
Justrite Mfg. Co., cans, fire extinguishers, lamps, 2061 Southport av, Chicago, Ill.
Justus Plumbing & Heating Co., Massillon, Ohio.
Juul & Sixta, architects, Manitowoc, Wis.
Jyrch, Karl, architect, Petite Park, Antioch, Ill.
K. L. P. Furn. Co., Ltd., Dept. H, Carry, Pa.
K. W. Ignition Co., Chester av & E. 30th, Cleveland, Ohio.
Kaaz Mfg. Co., sashes, doors & blinds, Atchison, Kans.
Kabureck, Geo., metal lockers & steel shelving, 1123 B'way, New York.
Kadel, L. J., cornices & skylights, Nashville, Tenn.
Kadow, Stanley, architect, 97 Wisconsin, Milwaukee, Wis.
Kaebin, Ludwig, contrs., Landsdale, Pa.
Kaestner, August J., carriages, 412 Cedar, Milwaukee, Wis.
Kaestner & Hecht Co., machsts., brewers' & malsters' machy., agric'l implements, etc., 500 Throop, Chicago, Ill.
Kafloff, Otto H., architect, 254 Elizabeth, E., Detroit, Mich.
Kagel Bros., fndrs., 1208 St. Paul, Milwaukee, Wis.
Kahan Mach. Wks., 12 N. Market, Chicago, Ill.
Kahl, Fred'k., Iron Foundry, 2111 E. Atwater, Detroit, Mich.
Kahl-Holt Co., tin plate, metals, etc., 111 S. Charles, Baltimore, Md.
Kahl Iron Foundry, gray iron castings, 537 Atwater, E. Detroit, Mich.
Kahl Pattern Wks., Detroit, Mich.
Kahle, Wm., jwlry. cases, 21 Broomfield, Boston, Mass.
Kahlenberg Bros. Co., engines (gas & gasoline), Twin Rivers, Wis.
Kahler Co., automobile dashes, New Albany, Ind.
Kahley, Joseph, 733 East Edison, York, Pa.
Kahn, A., masons' & bldrs.' matls., Petaluma, Cal.
Kahn, Albert, architect, Marquette bldg., Detroit, Mich.
Kahn Bros., old metal, smelters & refiners, 785 Humboldt, Brooklyn, N. Y.
Kahn, Ely Jacques, architect, 56 W. 45th, New York
Kahn, Jacques, wholesale window & plate glass, 533 W. 37th, New York.
Kahn, Leopold, & Co., paint mfrs., Philadelphia, Pa.
Kahn Mfg. Co., machsts., 598 Clinton, Milwaukee, Wis.
Kahn, Sam, brick, Blakeley, Minn.
Kahn's, E., Sons Co., meat packers, 519 Livingston, Cincinnati, Ohio.
Kahnweiler's David, Sons, life boats, fenders, hooks, etc., 260 Front, New York.
Kahoka Evaporated Milk Co., Kahoka, Mo.
Kahrs, G. W., architect, Long Beach, Cal.
Kailen, M., & Son, soap, Madison, Wis.
Kain, C. H., architect, Arcade Bldg., Harrisburg, Pa.
Kain, Jas. R., contractor, Mount Vernon, N. Y.
Kainer & Co., machsts. & founders & marine hardware, 761 Mather, Chicago, Ill.

Kaiser, Chas. S., architect, Mech. Inst. Bldg., San Francisco, Cal.
Kaiser, F. C., & Son, mach. knives, Muncie, Ind.
Kaiser, Geo. J., tin cans & canisters, 194 Duane, New York.
Kaiser, H., Buggy Co., Kenton, Ohio.
Kaiser, Jacob, Mfg. Co., 3d & Elm, St. Louis, Mo.
Kaiser, John, & Bros. Co., contractors, Elyria, Ohio.
Kaiser, Jno. H., Lbr. Co., Eau Claire, Wis.
Kaiser Knitt'g Wks., sweaters, cardigans, etc., 260 Stone av, Brooklyn, N. Y.
Kalama Lbr. & Shingle Co., Corbett bldg., Portland, Ore.
Kalamazoo Advtg. Co., spec., Kalamazoo, Mich.
Kalamazoo Folding Canvas Boat Co., Kalamazoo, Mich.
Kalamazoo Fdry. & Mach. Co., 586 E. Main, Kalamazoo, Mich.
Kalamazoo Loose Leaf Binder Co., loose leaf devices, Kalamazoo, Mich.
Kalamazoo Mach. & Tool Co., Kalamazoo, Mich.
Kalamazoo Malleable Iron Co., Kalamazoo, Mich.
Kalamazoo Match Plate & Fdry. Co., Kalamazoo, Mich.
Kalamazoo Motors Corp., Kalamazoo, Mich.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kalamazoo Plating Wks., Kalamazoo, Mich.
Kalamazoo Pump Co., water supply outfits, Kalamazoo, Mich.
Kalamazoo Ry. Supply Co., machsts. & fndrs., Kalamazoo, Mich.
Kalamazoo Rendering & Fertilizer Co., Kalamazoo, Mich.
Kalamazoo Sanitary Mfg. Co., plbrs. earthenware, Kalamazoo, Mich.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kalamazoo Sled Co., Kalamazoo, Mich.
Kalamazoo Soap Co., Kalamazoo, Mich.
Kalamazoo Specialty Co., lawn clothes dryers, Kalamazoo, Mich.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Kalamazoo Stationery Co., pads & tablets, Kalamazoo, Mich.
Kalamazoo Steel Goods Co., 412 E. Runson, Kalamazoo, Mich.
Kalamazoo Stove Co., Kalamazoo, Mich.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kalamazoo Vegetable Parchment Co., paper & pulp mills, Kalamazoo, Mich.
Kalb, Adam, machy. dlrs., 162 Grand, New York.
Kalbach Lumber Co., Oskaloosa, Ia.
Kalbert, Adolph, & Son, cornices & skylights, 170 E. 3d, New York.
Kalbfleisch Corp., battery acid, chemicals, acids, etc., 31 Union Sq, New York
Kalbfleisch Supply Co., mill & facty. supplies, Watertown, N. Y.
Kalbfleisch, Theo. F., mill & facty. supplies, Glens Falls, N. Y.
Kalbitzer Packing Co., meat packers, Wheeling, W. Va.
Kalbperry Corp., chemical engnrs., 31 Union Sq. W., New York.
Kalchbrenner, John, contractor, 133 W. Washington, Chicago, Ill.
Kaldenberg Trad'g. Co., billiard & pool balls, ivory imptrs., etc., 433 Broome, New York.
Kale Canning Co., Everson, Wash.
Kale Stamping Co., auto horns, conduit hangers, washers, etc., 1657 W. Lafayette blvd., Detroit, Mich.
Kalem Co., films, 235 W. 23d, New York.
Kaley, L. J., architect, City Hall, Binghamton, N. Y.
Kali Mfg. Co., chemicals, 1406 N. Front, Philadelphia, Pa.
Kalish Chem. Prod. Co., 63 Park Row, New York.
Kalispell Lbr. Co., Kalispell, Mont.
Kalispell Mercantile Co., wholesale hdwre. & mill & fcty. supplies, Kalispell, Mont.
Kall, P. J., contractor, Moorhead, Minn.
Kallal, Chas. W., architect, City Hall, Chicago, Ill.
Kalle Color & Chem. Co., mfrs. & imp. of indigo, dyes & dyestuffs, 530 Canal, New York.
Kallenbach, Henry, Jr., architect, 3428 N. Hamilton av, Chicago, Ill.
Kallich Isaac, architect, 2208 Bath av., B'klyn, N. Y.
Kallman, Schaffer Co., contrs., Schenectady, N. Y.
Kallmerten & Baer, contractors, Mansfield, Ohio.
Kalman, Jos., & Son, cornices, 361 Chelsea, E. B., Boston, Mass.
Kalman, Paul J., Co., Inc., concrete reinforcement, Merchants Nat'l, 22 W Monroe, Chicago, Ill.
Kalmath River Packers Ass'n, canned goods, Requa, Cal.
Kalo Brick & Tile Co., Fort Dodge, Ia.
Kalor, Fred. N. H., architect, Plattsburgh, N. Y.
Kalsa, Rudolph, elec. & gas light fixtures, 2320 S. Kedzie av, Chicago, Ill.
Kalsch, John, architect, 5400 Euclid av, Cleveland, Ohio.
Kalt Lbr. Co., lbr. mfrs., 324 E. 64th, New York.
Kaltenbach & Griess, steel struct. wk., Chamber of Commerce Bldg., Cleveland, Ohio.
Kaltenthaler, H. J., machsts., 234 Cherry, Philadelphia, Pa.
Kalter & Rolnick Iron Wks., 415 Dumont av, Brooklyn, N. Y.
Kaltzan & Myers, contractors, Davenport, Iowa.
Kam, John, Malting Co., 377 Genesee, Buffalo, N. Y.
Kamargo Supply Co., mill & facty. supplies, Watertown, N. Y.
Kamerer, Andrew, contrs., Harrisburg, Pa.
Kamerman, I., plumbers' & steam fitters' supplies, 1660 Park av, New York.
Kamerman, Israel, plbrs. supplis., 1642 Park av, New York.
Kaminski Hardware Co., Georgetown, S. C.
Kaminsky, Louis, Co., scrap iron and steel, Houston, Tex.
Kamlee Co., auto trucks, 448 E. Water, Milwaukee, Wis.
Kamman, Hy. A., meat packers, 447 Bailey av, Buffalo, N. Y.
Kamman Walter Mfg. Co., elevator cars, enclosure, fire doors, 3258 Spring Grove av, Cincinnati, Ohio.
Kammer, Friedman & Co., 3018 E. 55th, Cleveland, Ohio.
Kammer & Ertle, cornices & skylights, Massillon, Ohio.
Kammerer, Edward W., architect, Lebanon, Ore.
Kamowski, Jos., contractor, Nanticoke, Pa.
Kamper, Louis, architect, Book bldg, Detroit, Mich.
Kampfe Bros, shaving brushes, razor strops, etc., 3303 Atlantic av, Brooklyn, N. Y.
Kankakee Automobile Co., Kankakee, Ill.
Kanapaux, C., & Co., contractors, Charleston, S. C.
Kanawha Brick Co., common, Charleston, W. Va.
Kanawha Mfg. Co., tipples mine, Charleston, W. Va.
Kanawha & Hocking Coal & Coke Co., Union Nat'l B'k bldg., Cleveland, Ohio.
Kandel Concrete Co., contrs., 100 W. 117th, New York.
Kandem Elec. Co., elec. motors, lamps, etc., 152 Chambers, New York.
Kane Blind & Screen Co., Kane, Pa.
Kane Brick Co., Kane, Pa.
Kane Brick & Tile Co., St. Marys, Pa.
Kane, Ed. J., contractor, Youngstown, Ohio.
Kane Glass Co., Kane, Pa.
Kane, H. S., canned goods, Brooklin, Me.
Kane, John, tubular boilers, Nyack, N. Y.
Kane, John P., Co., masons' & bldrs.' matrls., 103 Park av, New York.
Kane-Kelly Contrg. Co., Audubon, New Orleans, La.
Kane & Keyser Hardware Co., Belington, W. Va.
Kane Mfg. Co., screens, weather strips, etc., Kane, Pa.
Kane, Michael B., architect, Edwardsville, Ill.
Kane, Michael, Brick Co., Hartford, Conn.
Kane, Michael J., contractor, 9 Wade, Worcester, Mass.
Kane, Robert L., architect, 6643 Stewart av, Chicago, Ill.
Kane & Roach, carriage builders' machinery, Syracuse, N. Y.
Kane Supply Co., mill & facty. supplies, Kane, Pa.
Kane, Wm., Mfg. Co., heaters, 1909 Adams, Philadelphia, Pa.
Kangaroo Mfg. Co., children's vehicles, 10 S. La Salle, Chicago, Ill.
Kankakee Foundry Co., Kankakee, Ill.
Kankakee Tile & Brick Co., Kankakee, Ill.
Kann, Robt., chemist, 124 Front, New York.
Kanner, Sam'l,, razor stroppers, 556 B'way, New York.
Kanouse, H. W., Lumber Co., Ford Bldg., Detroit, Mich.
Kanoy, C. E., lbr., Biscoe, N. C.
Kansas Buff Brick & Mfg. Co., Buffville, Kans.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kansas City Bridge Co., contrs., Orear-Leslie Bldg., Kansas City, Mo.
Kansas City Construction Co., 120 Spring, Kansas City, Mo.
Kansas City Elevator Mfg. Co., S. E. cor. 26th & Madison, Kansas City, Mo.
Kansas City Engine Works, 1613 Crystal av, Kansas City, Mo.
Kansas City Engineering Co., machsts., Scarritt Bldg., Kansas City, Mo.
Kansas City Fibre Box Co., Kansas City, Kansas.
Kansas City Flushing & Drain Co., roof flushing & floor drain, 1433 Main, Kansas City, Mo.
Kansas City Foundry Co., Kansas City, Kans.
Kansas City Furnace Co., 326 W. 6th, Kansas City, Mo.
Kansas City Galvanizing & Mfg. Co., Park & Edgar av, Kansas City, Mo.
Kansas City Hay Press Co., Kansas City, Mo.
Kansas City Htg. Co., 15th & Grand av, Kansas City, Mo.
Kansas City Mach. Wks., Kansas City, Mo.
Kansas City Packing Box Co., Kansas City, Kans.
Kansas City Printing Ink Co., 400 Broadway, Kansas City, Mo.
Kansas City Pump Co., mill & facty., plumbers' & steam fitters' supplies, 1314 W. 10th, Kansas City, Mo.
Kansas City Radiator Co., steam & hot water, 31st, Kansas City, Mo.
Kansas City Rubber & Belting Co., pckg. mfrs., 710 Delaware, Kansas City, Mo.
Kansas City Scale & Supply Co., Kansas City, Mo.
Kansas City Sheet Metal & Furnace Co., cornices, 1318 St. Louis av, Kansas City, Mo.
Kansas City Slide Co., moving picture films & lantern slides, 1017 Central av, Kansas City, Mo.
Kansas City Soap Co., Kansas City, Kans., & Shawanee & R. R., Kansas City, Mo.
Kansas City Stained Glass Wks. Co., 1514 Wyandotte, Kansas City, Mo.
Kansas City Structural Steel Co., Kansas City, Mo.
Kansas City Terra Cotta & Faience Co., 19th & Manchester av, Kansas City, Mo.
Kansas City Testing Laboratory, Kansas City, Mo.
Kansas City Wire & Iron Wks., fndrs., Kansas City, Mo.
Kansas Co-operative Refining Co., Kansas City, Mo.
Kansas Milling Co., flour, Wichita, Kans.
Kanter & Altman, contractors, 1125 Commonwealth av, Boston, Mass.
Kanter, R. J., Co., lubricating oils, 647 Water, New York.
Kantor Bros., plbrs. & steam fitters supplies, 134 Lillie, Newark, N. J.
Kantrowitz, Morris, contractors, 20½ Market, Albany, N. Y.
Kantslip Co., cabinet benches, clamps, gauges, trucks, etc., Freeport, Mich.
Kanzler, Chris., & Son, contractors, Evansville, Ind.
Kaolin Mining Co., Franklin Bank Bldg., Philadelphia, Pa.
Kapailo Mfg. Co., artificial bldg. stone, 103 Park av, New York.
Kaplan Furn. Co., Dept. H, Cambridge, Mass.
Kaplan, L., scrap rubber, Salem, Ohio.
Kaplan Louis H., architect, 1457 B'way, New York.
Kaplan, Morris Co., furniture, Dept. H, Scranton, Pa.
Kapowsin Mill Co., lbr., Kanpowsin, Wash.
Kapp, A. Jos., Sons Ivory Co., billiard & pool balls, 124 E. 14th, New York.
Kappen, F. H., & Son, mill & facty. supps., 93 W. Water, Milwaukee, Wis.
Kapple, Andrew C., contractor, Racine, Wis.
Kappler-Fox Fdry. Co., stove mfrs., York & Thompson, Phila.-delphia, Pa.
Kaps Bros., contractors & masons' & bldrs.' matls., Portsmouth, Ohio.
Kar Engineering Co., Inc., machsts, 79 E. 130th, New York.
Karamin Lbr. Co., Republic, Wash.
Karas Elec. Co., machsts., 215 W. Ill. Chicago, Ill.
Karus, Sigmund, machsts. & fndrs., Wausau, Wis.
Karbatzki, J. B., & Son, machsts., 1302 W. 22d, Chicago, Ill.
Karcher, Jacob, mattresses, Castorland, N. Y.
Karcher & Rehn Co., furniture, 1608H Chestnut, Phila., Pa.
Karcher & Smith, architects, 34 S. 17th, Philadelphia, Pa.
Kardell Tractor & Truck Co., St. Louis, Mo.
Kardong Bros., metal bending machy., Minneapolis, Minn.
Karelsen, E., glass cutters, 68 Nassau, New York.
Karge, Frank, stone, 5831 Bishop, Chicago, Ill.
Karges Furn. Co., Dept. H, Evansville, Ind.
Karges, H. Gilbert, architect, Furniture Bldg., Evansville, Ind.
Karges Wagon Co., Evansville, Ind.
Karle, A., carriages, St. Joseph, Mo.
Karle Litho. Co., 444 Central av, Rochester, N. Y.
Karle & Sons, saws, joiners, 142 Chicago, Buffalo, N. Y.
Karnes Bros., canned goods, Buchanan, Va.
Karnes, Howard, harness, etc., Knoxville, Tenn.
Karnes, W. M., & Sons, contractors, Paducah, Ky.
Karol, B., & Sons Co., plbrs. & steamfitters' supplies, 800 S. Kedzee av, Chicago, Ill.
Karpen, S., & Bros., revolving chairs, 900 S. Mich., Chicago, Ill.
Karper's, Charles, & Sons, furniture, 307H W. Pearl, Cincinnati, Ohio.

Karr, Francis, Co., bed springs, mattresses, 1322 W. Monroe, Chicago, Ill.
Karr Portable House Co., 2554 W. Irving Pk. blvd., Chicago, Ill.
Karr Supply Co., mill & facty. supplies, Belleville, Ill.
Karr, Thos. H., contractor, Troy, N. Y.
Karr, Wallace V., architect, Westfield, Mass.
Karry Lode Industrial Truck Co., 100 Nott, Long Island City, N. Y.
Karstadt, J. G., contractor, Lemcke Bldg., Indianapolis, Ind.
Karstens, August, brick, Moline, Ill.
Kartheiser, Frank, sash, door & blind, Menominee, Mich.
Kasch Roofing Co., Akron, Ohio.
Kasdorf, Walter O., contractor, 1099 Halton, Milwaukee, Wis.
Kasebier Chatfield Shellac Co., 175 Pearl, New York.
Kasenit Co., case hardening compounds, 11 Water, New York.
Kashner C. D. & Son, architects, Lafayette, Ind.
Kasoff L., architect, 1441 Bryant av, New York.
Kasoff, Louis, architect, 145 6th av, New York.
Kasota Marble & Tile Co., Kasota, Minn.
Kasper & Koetzle Hdwe. Co., Inc., mill & facty. supplies, 565 Bushwick, Brooklyn, N. Y.
Kasper Stamp & Seal Co., 1103 Locust, St. Louis, Mo.
Kassing, Henry, contractor, Utica, N. Y.
Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Kast, M. I., architect, Commonwealth Tr. Bldg., Harrisburg, Pa.
Kasten & Schmuke Pressed Brick Co., Jackson, Mo.
Kastens H'y., time recorders & stamps & numbering mach., 418 W. 27th, New York.
Kaster, P. M., agricultural implements, Rimersburg, Pa.
Kastler, J. G. & Co., architect, Det. Bk. Bldg., Detroit, Mich.
Kastner, A. & J. B., cornices & skylights, Tacoma, Wash.
Kastner, Chas., cornices & skylights, Salina, Kans.
Kastner Cut Stone Co., Memphis, Tenn.
Kastner, Julius, architect, 600 E. 18th, Brooklyn, N. Y.
Kastor, Adolph, & Bros., cutlery mfrs., razors, scizzors,etc., 109 Duane, New York.
Kasurin Bros., architect, Hotel Statler, Detroit, Mich.
Katchen, Barnett Iron Wks., 107 Hunterdon, Newark, N. J.
Kates, Geo. W., contractor, Avalon, N. J.
Kattelle, W. R., architect, 17 Addison, Riverside, Ill.
Katterjohn, F. W., Cons. Co., masons' & bldrs.' matls., Paducah, Ky.
Katterjohn, G. W., contractor, Paducah, Ky.
Kattmann & Kneeland Tent Co., Houston, Tex.
Katz Bros. Leather Goods Co., 135 W. 20th, New York.
Katz Construction Co., Brandeis Theatre Bldg., Omaha, Nebr.
Katz & Feiner, architects, 505 5th av, New York.
Katz S. Walter, architects, 505 5th av, New York
Katz, Saml., cornices & skylights, 439 E. 23d, New York.
Katz, Wm., & Co., thermometers, 1368 De Kalb, Brooklyn, N. Y.
Katz, Wm. P., architect, 12 N. B'way, Yonkers, N. Y.
Katzenbach & Bullock Co., chemicals, 440 Washington, New York
Katzenbach, F. S., & Co., wholesale hdwe., electrical, mill & facty. & plumbers' supplies, Trenton, N. J.
Katzenstein, Leopold, & Co., mill & facty. supplies, 358 West, New York.
Katzinger, Edw., Co., confectioners' gas furnaces, dough dividing machs., 122 N. Peoria, Chicago, Ill.
Kaucher, Hodges & Co., contrs., Memphis, Tenn.
Kauffman Engng. Co., machsts., St. Louis, Mo.
Kauffman, F. A., Mfg. Co., canned goods, 106 S. 2d, St. Louis, Mo.
Kauffman, Harry M., machsts., Windom, Pa.
Kauffman, J. L., machsts. & fndrs., Garden City, Mo.
Kauffman Pasteurizer Co., Three Rivers, Mich.
Kauffman, William, architect, Conestoga Bldg., Pittsburg, Pa.
Kaufherr & Co., patent leather, 42 Garden, Newark, N. J.
Kauflie, John, contractor, Landsdale, Pa.
Kaufman, A. G., Mfg. Co., stoves, heaters, etc., 210 5th av, New York.
Kaufman, Benj., & Sons, prepared cereal foods, etc., 178 Stanton, New York.
Kaufman, David, & Sons Co., scrap iron & steel, Elizabeth, N. J.
Kaufman, E. & Co., steel brkrs., 2 Rector, New York.
Kaufman, E. L., & Co., plate glass, Liberty & Fayette, Baltimore, Md.
Kaufman-Haas Heating Co., 1117 23d, Milwaukee, Wis.
Kaufman Hardware Co., Anderson, Ind.
Kaufman, Jacob, Co., fertilizer mfrs., Seattle, Wash.
Kaufman, Jos., cereal foods, 148 Ludlow, New York.
Kaufman, Lewis R., architect, 12 E. 54th, New York.
Kaufmann, Killan & White, architects, 110 E. 23d, New York
Kaufman, M., scrap rubber, 347 N. Sheldon, Chicago, Ill.
Kaufman Mach'y Co., dealers, 89 Center, New York.
Kaufman Mfg. Co., spring beds, etc., Ashland, Ohio.
Kaufman Mill'g Co., prepared cereal foods, etc., 148 Ludlow, New York.
Kaufman, W. R., architect, Amarillo, Tex.
Kaufman, Wm. S., & Son, architects, Kelly & Hutchinson Bldg., Richmond, Ind.
Kaufmann Bros. & Bondy, smoking pipes, 33 E. 17th, New York.
Kaufmann, K., & Co., bags & suit cases, 169 Murray, Newark, N. J.
Kaufmann & Strauss Co., metal signs, litho., 54 W. 21st, New York.
Kaukauna Lumber & Mfg. Co., Kaukauna, Wis.
Kaukauna Machine Works, paper mill machy., Kaukauna, Wis.
Kaukauna Pulp Co., Kaukauna, Wis.
Kaul Clay Mfg. Co., Toronto, Ohio.
Kaul & Hall Lumber Co., St. Marys, Pa.
Kaul, J. & A., machsts. & fndrs., St. Mary's Pa.
Kaul Lumber Co., Birmingham, Ala.
Kaumagraph Co., trade mark transfers, 209 W. 38th, New York.
Kaumier, John C., architect, Port Huron, Mich.
Kaulback, W. S., masons' & bldrs.' matrls., Malden, Mass.
Kausel, John, machinist, Minneapolis, Minn.
Kaustine Co., dry earth closets, Buffalo, N. Y.
Kautz, Fred. C., & Co., name plates, rubber stamps, stencils, etc., 2633 W. Lake, Chicago, Ill.
Kauzor Bros., architects, Dol. Sav. & Tr. bldg., Pittsburgh, Pa.
Kavanagh Bros. & Co., corn brooms, 1234 W. Kinzie, Chicago, Ill.
Kavanagh Bros. Co., crushed stone & granite, Quincy, Mass.
Kavanagh, Hugh I., architect, 913 N. Calvert, Baltimore, Md.
Kavanagh, Jos., Co., coppersmiths, Pratt & Central av, Baltimore, Md.
Kavanaugh, Daniel, lumber, Williamsport, Pa.
Kavanaugh, Edward F., contr., Wallingford, Conn.
Kavanaugh, Geo. W., mill & facty. supplies, Cohoes & Utica, N. Y.
Kavanaugh, Jas. F. & Co., contrs., 25D, Boston, Mass.
Kavanaugh, Patrick H., cornices, Peoria, Ill.
Kavanaugh Sand Co., Memphis, Tenn.
Kaw Boiler Works Co., Kansas City, Kansas.
Kaw Milling Co., flour, Topeka, Kans.
Kaw Paving Co., Topeka, Kans.
Kawin, Chas. C., Co., chemists, 417 S. Dearborn, Chicago Ill.
Kawnear Cabinet Co., chemical closets, 1766 Wabash av, Kansas City, Mo.
Kay & Ess Co., paint mfrs., varnishes, etc., Dayton, Ohio.
Kay, H. E. (Est. of), machsts. & fndrs., Fall River, Mass.
Kay Lbr. Co., H Liberty Bldg., Phila., Pa.
Kay, T., Woolen Mill Co., Salem, Ore.
Kayline Co., elec. & gas fixtures, 312 High av, Cleveland, Ohio.
Kaylor, John, brick, McClure, Ohio.
Kaysee Co., factory trucks, 519 W. Monroe, Chicago, Ill.
Kayser & Allman, wall paper mfrs., 1522 Chestnut, Phila., Pa.
Kayser, Julius, & Co., knitted gloves & mittens, 353 4th av, New York.
Kayser Tanning Co., belt lacing, 3914 N. B'way, St. Louis, Mo.
Kaysing Iron & Fndry. Co., ornamental iron & structural steel, 2521 Montgomery, St. Louis, Mo.
Kaysville Brick Co., Salt Lake City, Utah.
Kaysville Canning Corp., Kaysville, Utah.
Kazoo Go-Bang Co., toys, Kalamazoo, Mich.
Kazoo Co., musical instruments, 535 E. Utica, Buffalo, N. Y.
K. & B. Co., tel. cord weights, 497 N. 3rd, Philadelphia, Pa.
K. & B. Packing & Prov. Co., Denver, Colo.
K.-B. Pulverizer Co., Inc., crusher machy., etc., 92 Lafayette, New York
K. C. Elevator Mfg. Co., 2601 Madison av, Kansas City, Mo.
K. & C. Mfg. Co., rims—auto., carriage & wagon wheel. Henniker, N. H.
K. D. Carburetor Co., Hamilton & Marquette, Cleveland, Ohio.
Keafer, L., billiard & pool tables, 329 W. Girard av, Phila., Pa.
Keagy, Henry W., lumber, Hagerstown, Ind.
Keagy & Lear Machine Co., mill & facty. supplies, Coshocton, O.
Keane, P. J., & Son, contractors, Manchester, N. H.
Kear, H. J., contractor, St. Clair, Pa.
Kearby, E. J., & Co., advtg. spec., St. Joseph, Mo.
Kearfott, Clarence B., architect, Bristol, Tenn.
Kearney Flour Mills, Kearney, Neb.
Kearney Fdry., Mach. & Auto. Co., Kearney, Neb.
Kearney Hardware Co., cornices & skylights, Kearney, Neb.
Kearney, J. Watts, & Sons, masons' & bldrs.' matls., 514 S. Peters, New Orleans, La.
Kearney, John, & Co., steam htg. contrs., 523 Ringgold, Cincinnati, Ohio.
Kearney, P. H., & Sons, coppersmiths, 1102 Clinton, Hoboken, N. J.
Kearney, Thos., contractor, Meriden, Conn.
Kearney & Trecker Co., milling machines, W. Allis, Milwaukee, Wis.
Kearns Furn. Co., Dept. H, Highpoint, N. C.
Kearns, Gorsuch Bottle Co., Zanesville, Ohio.
Kearns Motor Truck Co., Beavertown, Pa.
Kearns, P. J., Contracting Co., 2306 Creston av, New York.
Kearns, Patrick, contractor, Orange, N. J.
Kearns, T. A., Co., contractors & dock bldrs., 343 S. Dearborn, Chicago, Ill.
Kearns, W. F., Co., concrete steel const., John Hancock Bldg., Boston, Mass.
Kearsarge Peg Co., Bartlett, N. H.
Keasbey & Mattson Co., asbestos gds., etc., Ambler, Pa.
Keasbey, Robt. A., Co., mill & facty. supplies, 445 West, New York.
Keasey Mfg. Co., see S. C. Regulators Mfg. Co. (successors).
Keasey, N. T., Lbr. Co., Brazil, Ind.
Keating, E. F., Co., plumbers' supplies—jobbers, 446 Water, New York.
Keating, J. L., Co., sand & gravel dlrs., 236 E. 35th, New York.
Keating, Jas. A., & Co., steam fitters' supplies, 105 Christopher, New York.
Keating, John S., contractor, Poughkeepsie, N. Y.
Keating, M., & Son Co., floor mosaics, 4046 Wentworth av, Chicago, Ill.
Keating Wm. Co., contr., Sacramento, Cal.
Keaton Bros., cooperage stock, Memphis, Tenn.
Keays, A. A., cornices & skylights, 317 E. 7th, Los Angeles, Cal.
Keck, Bert D., architect, Crookston, Minn., & Grand Forks, N. D.
Keck & Co., meat packers, Pottstown, Pa.
Keck-Gonnermann Co., agricultural implts., Mount Vernon, Ind.
Keckley, O. C., Co., steamfitters' supplies, 318 W. Washington, Chicago, Ill.
Keckonen Hardware Co., Calumet, Mich.
Kedzie Fdy. Co., 3234 W. 31st, Chicago, Ill.
Kee Lox Mfg. Co., Rochester, N. Y.
Keeber C. H., architect, 109 N. Dearborn, Chicago, Ill.
Keeble, Alex. K., machsts. & fndrs., Lawrence, Mass.
Keefe Construction Co., Sioux City, Ia.
Keefe, Chas. S., architect, 368 Lexington av, New York.
Keefe, John J., Co., see Keefe Constr. Co. (successors.)
Keefe, Lawrence (Est.), machsts. & fndrs., Thibodeaux, La.
Keefer & Bailey, contractors, Huntington, Ind.
Keefer, Elisha H., & Son, contrs., 1321 Rodman, Philadelphia, Pa.
Keefer, Geo. H., contractor, Mt. Carmel, Pa.
Keefer, Hy., crushed stone, Huntington, Ind.
Keefer, John S., contractor, Sunbury, Pa.
Keefer & Maxwell, sweaters, etc., Camillus, N. Y.
Keefer, Peter R., contractor, Sunbury, Pa.
Keeber, Thomas F., contractor, Newport, R. I.
Keeler Brass Co., machsts. & fndrs., Grand Rapids, Mich.
Keeler, E., Co., mill & facty. supplies, Williamsport, Pa.
Keeler Fred. B., contr., Earlville, Ill.
Keeler Fred S., architect, 203 W. 13th, New York
Keeler Lumber & Fuel Co., masons' & bldrs.' matls., Beloit, Wis.
Keeler, Peter, Bldg. Co., 425 Orange, Albany, N. Y.
Keeler, W. P., cornices & skylights, Spokane, Wash.
Keeley, Jas. J., waste closet tanks, Jackson, Mich.
Keeley, Jerome, & Co., scrap iron & steel, 421 Chestnut, Philadelphia, Pa.
Keeley, John, & Patrick, contrs., East St. Louis, Ill.
Keeley Stove Co., Columbia, Pa.
Keely, S. S., & Son, sash, door & blind mfrs., Main & Umbria, Philadelphia, Pa.
Keeman, Otto A., architect, Stafford & Trainor, Wilkes-Barre, Pa.

Keen, C. C., lbr., Redding, Cal.
Keen, Chas. Barton, landscape archt., 1218 Chestnut, Phila., Pa.
Keen-Kleener Mfg. Co., soap, Ottawa, Ill.
Keen, W. B., & Son, carriages, Malden, Mass.
Keen, W. F., & Co., sash, door & blind mfrs., 4317 York rd, Baltimore, Md.
Keenan, Samuel, contractor, Parkersburg, W. Va.
Keenan Structural Slate Co., Bangor, Pa.
Keenan, Walter C., architect, Strand bldg., New Orleans, La.
Keenan, Walter F., & Bros., pipe valves, fittings, etc., 120 Worth, New York
Keene-Belvidere Canning Co., Belvidere, Ill.
Keene Bros. Mach. Co., Elkhart, Ind.
Keene Canning Co., Freeport, Ill.
Keene, Chas. A., emblem & eng. adv. jlry, 180 B'way, New York.
Keene Fred H., steel figures & letters, 152 Chambers, New York.
Keene, Geo. C., & Co., machsts., 2327 Florence av, Cincinnati, O.
Keene Glue Co., Keene, N. H.
Keene, R. A., & Son, canned goods, Poland, Me.
Keene & Simpson, architects, Reliance Bldg., Kansas City, Mo.
Keene Woodenware Co., pails & buckets, Keene, N. H.
Keener, Geo. I., common brick, Weston, W. Va.
Keener, S. N., Co., sash, door & blind mfrs., Newark, N. Y.
Keener Sand & Clay Co., Hartman bldg., Columbus, Ohio.
Keeney, H. M., architect, Winston-Salem, N. C.
Keenoh Co., razor stroppers, 82 First, Detroit, Mich.
Keep Bros., mill & facty. supplies, 225 Sansom, Phila., Pa.
Keeport, A. B., & Co., masons' & bldrs.' matls., 620 N. Senate, Indianapolis, Ind.
Keery Chemical Co., Hancock, N. Y.
Keery, Thos., Co., chemicals, Hancock, N. Y.
Kees, F. D., Mfg. Co., machsts. & fndrs., Beatrice, Neb.
Kees, G. A., Domestic Engineering Co., contrs., St. Paul, Minn.
Kees, Wm. J., pckg. box mfrs., 113 N. Orianna, Philadelphia, Pa.
Kees & Colburn, architects, Plymouth bldg., Minneapolis, & Lowery Annex, St. Paul, Minn.
Keese & Chamberlin Bros., common brick, Litchfield, Ill.
Keesing & Son, flour mills, Cedar Springs, Va.
Keeveny, T. W., Lbr. Co., 1045 W. 8th, Cincinnati, Ohio.
Keever Starch Co., Chamber of Commerce Bldg., Columbus, O.
Keevil, A. S., envelopes, 4331 Sacramento, St. Louis, Mo.
Kefauver & McLaran, contractors, Equitable Bldg., Balto., Md.
Keffer & Jones, architect, Hubbel Bldg., Des Moines, Ia.
Keffer, Wm., smoking pipes, 1128 N. Orianna, Philadelphia, Pa.
Keffler Bros., machinists, Malvern, Ohio.
Kegler, G. F., granite producers, Plymouth, Wis.
Kehl, G., & Son Co., contractors, 1225 N. Maplewood av, Chicago, Ill.
Kehl Mercantile Co., lbr., Northport, Mich.
Kehm, A. O., Castings Co., Birmingham, Ala.
Kehm Bros. Co., heating contrs., high & low pressure, 15 W Kenzie, Chicago, Ill.
Kehm, Jno. R., Co., heating contrs., 8 E. Austin, Chicago, Ill.
Kehoe, Alfred L., & Co., architects, 657 W. 183d, New York.
Kehoe, C. C., machsts., Schenectady, N. Y.
Kehoe & Co., stone producers, Hazelton, Pa.
Kehoe Display Fixture Co., bank railings, 541 Market, San Francisco, Cal.
Kehoe Iron Wks., Savannah, Ga.
Kehoe & Mowery Co., contractors, Wilkes-Barre, Pa.
Kehr, A. P., Co., stone, Buffalo, N. Y.
Kehr Packing Co., meat, 3832 Cote Brillante av, St. Louis, Mo.
Keich, R. J., architect, Warren, Ohio.
Keidel, Hy., & Co., whol. hdwe., 405 W. Redwood, Baltimore, Md.
Keighley, Chas., & Sons, machsts., Vineland, N. J.
Keighley, S., Metal Ceiling & Mfg. Co., metal ceiling & lockers, 124 3d av, Pittsburgh, Pa.
Keil-Dedlow Mfg. Co., saw filing machinery, Plainview, Neb.
Keil, Francis, & Son, hdwe. mfrs., 401 E. 163d, New York.
Keim Brick & Tile Co., Louisville, Ohio.
Keimig, L. J., architect, 299 Madison av, New York.
Keimig, Louis J., architect, 299 Madison, New York
Kein, Reuben, contractor, Easton, Pa.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Keiper, Howard O., contractor, Easton, Pa.
Keiser Bros., machsts. & fndrs., Hamburg, Pa.
Keiser, F. H., & Co., contractors, Pottstown, Pa.
Keiser, Geo., & Co., mill, facty. & plbrs.' supplies, etc., Muncie, Ind.
Keiser Mfg. Co., machsts. & fndrs., Reading, Pa.
Keiser-Van Leer Co., whol. hdwe., mill, facty. & plumbers' supplies, Bloomington, Ill.
Keister, A. L., & Co., coke mfrs., Scottdale, Pa.
Keister, Geo., architect, 56 W. 54th, New York.
Keith Bros., flour mills, Buffalo, Ky.
Keith Car & Mfg. Co., Sagamore, Mass.
Keith, Fred W., architect, Bismark, N. D.
Keith Furnace Co., Des Moines, Ia.
Keith Geo. H., architect, Hutton bldg., Spokane, Wash.
Keith Herbert C., consulting engnr., 13 Park Row, New York.
Keith & Hiles Lumber Co., Crandon, Wis.
Keith, Irving L., mill & facty. supps., Haverhill, Mass.
Keith, J. M., & Co., wood handles, Eastford, Conn.
Keith Lumber Co., Beaumont, Tex., & 2350 Lafiin, Chicago, Ill.
Keith Mfg. Co., elec. fixtures, Clinton, N. Y.
Keith Paper Co., Turners Falls, Mass.
Keith, R., Furniture & Carpet Co., mattresses, Kansas City, Mo.
Keith, Simmons & Co., whol. hdwe., mill & facty. supplies, Nashville, Tenn.
Keith, Walter J., archt., 1722 Hennepin av, Minneapolis, Minn.
Keith, Wm. S., soap, Milford, N. H.
Keithly Co., plumbers' supplies—jobbers, Houston, Tex.
Kelham, Geo. W., archt., Sharon Bldg., San Francisco, Cal.
Kelk Carriage Wks., Sedalia, Mo.
KELKER BLOWER CO., INC., 2383 Fillmore av, Buffalo, N. Y. *See adv. index at end of book.*
Kelker, Thos. M., architect, 16 N. 2d, Harrisburg, Pa.
Kell Bros., masons' & bldrs.' matls., Lexington, Ohio.
Kell Milling Co., flour, Vernon, Tex.
Kellar, O. J., Lime Co., Frederick, Md.
Kellar-Thomason Co., see Martin Iron Wks. (successors).
Kellaway, Herbert J., landscape archt., 12 West, Boston, Mass.
Kelleher, John J., scrap iron & steel, 89 Tomkins, New York.
Keller, A. C., Collar Co., Council Bluffs, Ia.
Keller, A. E., oven bldrs., 136 Beekman, New York.
Keller, Andrew, machst, Tiffin, Ohio.
Keller Brick Co., Cuyahoga Falls, Ohio.
Keller Bros., masons' & bldrs.' matls., 6347 Station, Pittsburgh, Pa.
Keller, C., Co., contractors, 210 Moran, Detroit, Mich.
Keller, Chas. J., architect, 221 Grand, Milwaukee, Wis.
Keller, C. M., machst. & fndr., Columbus, Ind.
Keller-Crescent Co., advtg. novelties, Princeton, Ind.
Keller-Dunham Piano Co., Scranton, Pa.
Keller, Frank P., architect, Monongahela, Pa.
Keller, G. M., & Son, brick & tile, Attica, Ohio.
Keller, G. P., balances (assay & analytical), Salt Lake City, Utah.
Keller, Geo., architect, 24 Park Terrace, Hartford, Conn.
Keller, George, coppersmith, 1051 Wyckoff av, Brooklyn, N. Y.
Keller, Geo., Pottery Co., 2618 Herndon, Chicago, Ill.
Keller Glove Mfg. Co., Inc., Plumsteadville, Pa.
Keller, H. P. S., architect, Raleigh, N. C.
Keller, Hy., & Sons, pianos, Whitlock av & 156th, New York.
Keller & Jeffirs, machsts. & fndrs., Plymouth, Ind.
Keller, John, glass stainers, 742 Macon, Brooklyn, N. Y.
Keller, John H., flour mills, Fisher's Hill, Va.
Keller Knitting Co., sweaters, cardigans, 5100 Euclid av, Cleveland, Ohio.
Keller, Luther, lime mfrs., masons' & bldrs.' matls., Scranton, Pa.
Keller Mfg. Co., agricultural implements, 1325 N. E. Quincy, Minneapolis, Minn.
Keller Mfg. Co., case hardening, 21st, Allegheny, Phila., Pa.
Keller Mfg. Co., wagons, Corydon, Ind.
Keller Mechanical Engineering Co., dies & die cutting machines, 70 Washington, Brooklyn, N. Y.
Keller & Milliken, masons' & bldrs.' matls., Braddock, Pa.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Keller Pottery Co., Norristown, Pa.
Keller Printing Co., street ry. tickets, 295 Lafayette, New York.
Keller, Robt., Irish moss, brewers' machy., 334 N. 3d, Phila., Pa.
Keller, Robert Ink Co., paste, etc., 1441H Brooklyn, Detroit, Mich.
Keller & Sons, stone producers, Ft. Wayne, Ind.
Keller & Tamm Mfg. Co., wagon spokes; handles, etc., Victor & Leeve, St. Louis, Mo.
Keller, Walter S., architect, Timken Bldg., San Diego, Cal.
Keller, Walter S., Esq., archit., 720 Jefferson av, East, Detroit, Mich.
Keller, Wm. H., & Son, pianos, Easton, Pa.
Kellerman Contracting Co., general contrs., Victoria Bldg., St. Louis, Mo.
Kellermann, I., auto & furniture polish, 674 9th av, New York.
Kellerstrauss Dist. Co., 320 N. 2nd, St. Louis, Mo.
Kelley Bros., contractors, Haverhill, Mass.
Kelley Bros., willow ware mfrs., Gardner, Mass.
Kelley Bros. & Spielman, whiting & Paris white mfrs., Swanson & Moore, Philadelphia, Pa.
Kelley Canning Co., Waverly, Ia.
Kelley-Clark Lbr. Co., Gradyville, Ga.
Kelley, E. B., Co., machy. dlrs., Grand Central Bldg., New York.
Kelley Elec. Co., interior telephones, 120 Opera pl., Cincinnati, Ohio.
Kelley Electric Mach. Co., Buffalo, N. Y.
Kelley, Frederic P., architect, 477 5th av, New York.
Kelley, H. M., & Co., masons' & bldrs.' matls., Harrisburg, Pa.
Kelley-How-Thomson Co., whol. hdwe., mill & facty. supplies, Duluth, Minn.
Kelley, Irving W., architect, 1536 Otto bldg., Chicago Heights, Ill.
Kelley Island Lime Co., Duluth, Minn.
Kelley Island Lime & Transport Co., mfg. of lime & limestone products, Leader News Bldg., Cleveland, Ohio.
Kelley, J. A., & Bros., furniture, Dept. H, Clinton, Iowa.
Kelley, Jas. F., & Sons Co., granite, Quincy, Mass.
Kelley, James T., architect, 57 Mt. Vernon, Boston, Mass.
Kelley, John, contrs., S. Sal. & Brighton av, Syracuse, N. Y.
Kelley, John A., Co., contractors, Penna Bldg., Phila., Pa.
Kelley, John M., contractor, Camden, N. J.
Kelley, Jos., sash, door & blind, Reedsville, Pa.
Kelley, Koetl Mfg. Co., X-ray apparatus, Covington, Ky.
Kelley, M. A., Broom Co., Leavenworth, Kans.
Kelley, Samuel Dudley, architect, 46 Cornhill, Boston, Mass.
Kelley & Shefchik, architect, Alsworth Bldg., Duluth, Minn.
Kelley, Samuel Dudley, architect, 209 Washington, Boston, Mass.
Kelley-Spear Co., ship builders, Bath, Me.
Kelley, Thos. F., architect, 107 Wall, Bridgeport, Conn.
Kelling, H. C., Constr. Co., 885 7th, Milwaukee, Wis.
Kellner Piano Co., Hazleton, Pa.
Kellock, Jas. A., Cut Stone Co., Yonkers, N. Y.
Kellogg, Alfred K., architect, 6 N. Clark, Chicago, Ill.
Kellogg Brick & Tile Works, Kellogg, Ia.
Kellogg Bros., teasels, Skaneateles, N. Y.
Kellogg Bros. & Co., machsts. & fndrs., Jacksonville, Ill.
Kellogg Bros. Lumber Co., Grand Rapids, Wis.
Kellogg & Buck, flour mills, Morenci, Mich.
Kellogg-Burlingame Co., mill & facty. supps., Grand Rapids, Mich.
Kellogg, Chas. C., & Sons Co., plate glass, Utica, N. Y.
Kellogg, E. H., Co., oils & greases, 243 South, New York.
Kellogg-Food Co., Battle Creek, Mich.
Kellogg, H., harness, saddles & strap wk., Hudson, Mich.
Kellogg, Harold Field, architect, 93 Federal, Boston, Mass.
Kellogg Lbr. & Mfg. Co., Long Pond, Maine.
Kellogg, M. W., Co., piping mfrs., 90 West, New York. *See adv index at end of book.*
Kellogg, Mackey Co., heating contrs., plumbers & steamfitters' supplies, 419 W. 18th, Chicago, Ill.
Kellogg Marble Co., Carthage, Mo.
Kellogg, P. P., & Co., plain envelopes, Springfield, Mass.
Kellogg, Spencer, & Sons, linseed oil & cake mills, Buffalo, N. Y.
Kellogg Structural Steel Co., 31 Stone, Buffalo, N. Y.
Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
Kellogg, T. D., Lumber & Mfg. Co., carriage hubs, Antigo, Wis.
Kellogg Toasted Corn Flake Co., cereal foods, Battle Creek, Mich.
Kellogg, W. H., machsts. & fndrs., Sebewaing, Mich.
Kelloggs & Miller, linseed oil mills, Amsterdam, N. Y.
Kells Mill & Lbr. Co., Java & Provost, Brooklyn, N. Y.
Kells, W. J., Mfg. Co., auto. hoods, tanks, radiators, etc., 521 W. 45th, New York.
Kelly-Atkinson Construction Co., 189 W. Madison, Chicago, Ill.
Kelly Auto. Co., wire wheels, 4560 W. Congress, Chicago, Ill.
Kelly Axe Mfg. Co., Charleston, W. Va.
Kelly, Benj. F., & Son, see Patterson Kelly Co. (successors).
Kelly & Boland, contrs., Summit, N. J.
Kelly & Boland, contrs., East Orange, N. J.
Kelly Brass Wks., 226 W. Ontario, Chicago, Ill.

Kelly Bros., children's carriages, rattan furn., Gardner, Mass.
Kelly Bros., contrs., Frankfort, Ind.
Kelly Bros., contractors, Portsmouth, Ohio.
Kelly Bros., stone prod., 93 Charter Oak, Hartford, Conn.
Kelly Bros. Coal Co., bituminous, Snow Shoe, Pa.
Kelly, C., & Son, contrs., Everett, Wash.
Kelly, Christopher, brick, Fisher's av & Clinton, Olney, Philadelphia, Pa.
Kelly-Cohen Fdry. Co., gray iron castings, Canton, Ohio.
Kelly Constr. Co., Bryan, Ohio.
Kelly, D. B., wood handles, Lucas, Mich.
Kelly-Derby Co., store trucks, steam traps, etc., People's Gas Bldg., Chicago, Ill.
Kelly, F. Co., paper fasteners, Derby, Conn.
Kelly, F. G., Lumber Co., Warrenton, Ore.
Kelly Foundry & Machine Co., 614 Ninth, Goshen, Ind.
Kelly Fdry. & Mach. Wks., Mount Gilead, Ohio.
Kelly, Frank E., architect, 16 Court, Brooklyn, N. Y.
Kelly, G. A., Plow Co., Longview, Tex.
Kelly, H., & Co., mill & facty. supplies, Plymouth bldg., Minneapolis, Minn.
Kelly Graphite Mills, 355 W. 26th, New York.
Kelly, Geo. T., contractor, Yonkers, N. Y.
Kelly, H. M., architect, Broad & 5th, Columbus, Ga.
Kelly Handle Bar Dept. Am. Stove Co., 5017 Perkins av, N. E., Cleveland, Ohio.
Kelly Handle Co., wood, Charleston, W. Va.
Kelly, Hugh A., architect, 38 Park av, New York.
Kelly, J. K., & Co., turpentine, Griffin, Fla.
Kelly, J. W., & Son, carriages, Marietta, Ohio.
Kelly, John C., & Sons, carriages, 5215 Gtn. av, Phila., Pa.
Kelly, John E., Jr., architect, Empire bldg., Seattle, Wash.
Kelly, John F., architect, P. O. Bldg., Passaic, N. J.
Kelly, John H., contractor, 1208 E. Biddle, Baltimore, Md.
Kelly, John J., contractor, Newport, R. I.
Kelly, Jno., & Son, sash, door & blind mfrs., Malone, N. Y.
Kelly & Jones Co., pipe fittings & plumbers' supplies—jobbers, 135 Water, Pittsburgh, Pa.
Kelly & Kelly, Inc., contrs., Long Island City, N. Y.
Kelly & Kennedy, fndrs., Oneida, N. Y.
Kelly, L. J., Mfg. Co., lifting jacks, Albany, N. Y.
Kelly, Leonard & Forrester Co., corn brooms, Ogdensburg, N. Y.
Kelly-Linehan Belting Co., 33 Minna, San Francisco, Cal.
Kelly Lbr. Co., Sault Ste. Marie, Mich.
Kelly, M. B., aluminum sheets, rods, Park Bldg., Pittsburgh, Pa.
Kelly & McLaughlin, patent leather, 93 Golden, Newark, N. J.
Kelly Machine Co., Troy, Ohio.
Kelly Mfg. Co., tubular boilers, burial vaults, etc., Bucyrus, O.
Kelly, Michael, machst. & fndr., Parkersburg, W. Va.
Kelly Mill Co., feed, Kansas City, Mo.
Kelly Nail & Iron Co., Ironton, Ohio.
Kelly, Nicholas, & Son, glass molds, 1704 Wharton, Phila., Pa.
Kelly, O. S., Co., machsts. & fndrs., Springfield, Ohio.
Kelly, P. H., contractor, Lippincott Bldg., Philadelphia, Pa.
Kelly, Patrick, & Son, stone producers, Easton, Pa.
Kelly, R. A., Co., cordage & twine mfrs., Xenia, Ohio.
Kelly Reamer Co., Kelly reamers & boring tools, 1553 Columbus rd, Cleveland, Ohio.
Kelly-Springfield Motor Truck Co., Springfield, Ohio.
Kelly-Springfield Tire Co., B'way & 57th, New York.
Kelly & Steinman, cut glassware, Deposit, N. Y.
Kelly, T. P., & Co., foundry supplies, 355 W. 26th, New York.
Kelly, Timothy J., architect, 707 Morris Pk. av, New York
Kelly, Thos., & Bros., machinists, 404 S. Kelmar av, Chicago, Ill.
Kelly, Thos., & Co., horse blankets, 89 Chauncy, Boston, Mass.
Kelly, Thos. P., contrs., Anderson, Ind.
Kelly, W. D., Co., contrs., Canton, Ohio.
Kelly, Wm. J., sheet metal ornaments, 446 Adelphi, Bklyn., N. Y.
Kelly's, James T., Sons, scrap iron & steel, 249 Greene, Brooklyn, N. Y.
Kelman Elec. & Mfg. Co., circuit breakers & switches, 1650H Naud, Los Angeles, Cal.
Kelmorgen, Leo, contr., Kamiah, Ia.
Kelsay, Newton, hame chains, machsts, etc., Evansville, Ind.
Kelsey, Albert, architect, Perry Bldg., Philadelphia, Pa.
Kelsey, F. W., Nursery Co., landscape architect, 150 B'way, New York.
Kelsey & Freeman, lumber, Toledo, Ohio.
Kelsey, Harlan P., architect, Salem, Mass.
Kelsey Htg. Co., steam & hot water contr., 103 Park av, New York.
Kelsey Heating Co., warm air furnaces, Syracuse, N. Y.
Kelsey, Horatio, handles & wagon spokes, Clinton, Conn.
Kelsey Press Co., machsts. & fndrs., Meriden, Conn.
Kelsey, W. E., & Son, lumber mfrs., North Tonawanda, N. Y.
Kelsey Wheel Co., brake drums, 1203 Military av, Detroit, Mich.
Kelsh, Hy., machst., South River, N. J.
Kelso & Co., fruit & veg. pulp rubbing machy., 559 W. Quincy, Chicago, Ill.
Kelso & Co., pianos, 16 Horatio, New York.
Kelso Lbr. Co., Kelso, Wash.
Kelso Mfg. Co., brake linings & clutch facings, Trenton, N. J.
Kelting, Alb. J., machst. & fndr., 459 Carroll, Brooklyn, N. Y.
Kelton, Aurand Co., furniture, Dept. H, Bay City, Mich.
Kelton's, M. M., Son, printing presses & machy., 76 S 8th, Brooklyn, N. Y.
Kelty, S. L., canned goods, Quinton, N. J.
Kelvin Engng. Co., sugar plant construction, 32 B'way, New York.
Kelvin & Wilfred O. White Co., navigation equipt., 112 State, Boston, Mass.
Kelvinator Corp., refrigerating machy., 621 W. Fort, Detroit, Mich.
Kelwin, H. J., architect, Babylon, N. Y.
Kemco Elec. Mfg. Co., auto starters, Salem, Ohio.
Kemlein & Leahy, marble interior wk., Onyx, Long Island City, N. Y.
Kemler Lbr. Co., 1168 N. Halsted, Chicago, Ill.
Kemmer, Alva E., contractor, Lafayette, Ind.
Kemmerer, C. J., contractor, Ambler, Pa.
Kemmerer Coal Co., Kemmerer, Wyo.
Kemmeter, Gottlieb, brick, Jefferson, Wis.
Kemnitz, Geo., architect, 1107 Island av, Milwaukee, Wis.
Kemp, Alex., granite, S. Quincy, Quincy, Mass.
Kemp, C. M., Mfg. Co., fuel gas machines & burners, mfrs., Balto., Md.
Kemp, F. H., architect, Beloit, Wis.
Kemp, J. W., flour, Wynnewood, Okla.
Kemp, Jas. F., & Bro., cornices, McKeesport, Pa.
Kemp, Jas. N., Mach. Wks., Albany, N. Y.
Kemp, John F., & Co., machsts., Quincy, Mass.
Kemp, Lysander & Sons, soap, Cambridge, Mass.
Kemp Machinery Co., dlrs., 215 N. Calvert, Baltimore, Md.
Kemp Mach. Wks., Muncie, Ind.
Kemp, N. J., Co., lime and manure spreaders, Batavia, N. Y.
Kemp Rubber Co., 246 Washington, Buffalo, N. Y.
Kemp, W. H., Co., bronze powders, gold leaf, aluminum, etc., 165 Spring, New York.
Kempe, H. F., & Co., belt lacing, 565 Washington Blvd., Chicago, Ill.
Kemper, B. F., architect, Marshall town, Ia.
Kemper Constr. Co., 905 Walnut, Philadelphia, Pa.
Kemper, H. S., Estate, furniture, 922H Betts, Cincinnati, Ohio.
Kemper-Odee Engine Co., Albert Lea, Minn.
Kempert, A. F., brick, contractor, 245 S. Morton av, Dayton, O.
Kempert & Sherer, brick, Dayton, Ohio.
Kempf, Geo., Sons, contractors, 823 Virginia, Buffalo, N. Y.
Kempsmith Mfg. Co., milling machines, tools & vises, West Allis, Wis.
Kenan, McKay & Speir, Inc., cotton waste, Atlanta, Ga.
Kenbridge Mfg. Co., lbr., Kenbridge, Va.
Kencina, John, architect, 1932 S. 57th, Clyde, Ill.
Kendall, Frank A., & Frederic M., architect, 45 Bromfield, Boston, Mass.
Kendall, Hadley, & Co., sash, door & blind mfrs., Goffstown, N. H.
Kendall Heating Co., 24 Front, Portland, Ore.
Kendall, J. B. Co., whol. hdwe., mill & facty. supplies, 485 Missouri av, Washington, D. C.
Kendall & Little, canned goods, Copalis, Wash.
Kendall Lbr. Co., Oliver bldg., Pittsburgh, Pa.
Kendall, M. K., & Co., contractors, 110 Pearl, Boston, Mass.
Kendall Mfg. Co., glycerine, soap, powder, etc., 90 Friendship, Providence, R. I.
Kendall Mfg. Co., Inc., office specialties, 79 Sudbury, Boston, Mass.
Kendall, R. C., & Co., pulleys and belt tighteners, 749 First National Bank Bldg., Chicago, Ill.
Kendall Refining Co., belt dressing, oils, etc., Bradford, Pa.
Kendall & Smith, architects, Union Tr. bldg., Washington, D. C.
Kendall, Taylor, & Co., architects, 93 Federal, Boston, Mass.
Kendall, William C., flour mills, Berry, Ky.
Kendall, Wm. Mitchell, architect, 101 Park av, New York.
Kenderline, T. S., & Sons, fertilizer mfrs., Newtown, Pa.
Kendrick & Brown Co., lumber mfrs., Glens Falls, N. Y.
Kendrick, Davis, Co., dynamo & motor mfrs., tools, toys, etc., Lebanon, N. H.
Kendrick, J. H. & M. B., masons & bldrs.' matls., Thomson, Ga.
Kendrick, James R., Co., elastic hosiery, Dept. H, Germantown av & Pastorius, Germantown, Phila., Pa.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Kenefick, Wm., contractor, Bryant Bldg., Kansas City, Mo.
Kenehan Steel Belt Fastener Co., 1252 W. 3d, N. W., Cleveland, Ohio.
Kenfield-Lamoreaux Co., lumber, packing boxes, etc., Washburn, Wis.
Kenilworth Tile Co., Newell, W. Va.
Keniston, Geo. D., & Son, handles, Rumney, N. H.
Kenkor, Fred. & Sons, packing box mfrs., 3904 N. Bend rd, Cheviot, Cincinnati, Ohio.
Kenn-Well Contracting Co., 841 B'way, New York.
Kennard Canning Co., Kennard, Ind.
Kennard, F. H., landscape architect, 220 Devonshire, Boston, Mass.
Kennard, Francis J., architect, Tampa, Fla.
Kennebec Lbr. Co., Augusta, Maine.
Kennebunk Mfg. Co., megaphones, lunch boxes, suit cases, etc., Milton, New Hampshire.
Kennedy Bros., contractors, Midland Bldg., Kansas City, Mo. & Youngstown, Ohio.
Kennedy Bros., Inc., contrs., 2400 16th, N. W., Washington, D.C.
Kennedy Bros., sashes, doors & blinds, Sumter, S. C.
Kennedy Car Liner & Bag Co., paper shipping covers, Shelbyville, Ind.
Kennedy Co., advtg. spec., Seattle, Wash.
Kennedy Co., plumbers & steam fitters' supplies, Euclid av, Cleveland, Ohio.
Kennedy & Co., stoves, Rochester, N. Y.
Kennedy, D., & Sons, woolen blankets, Monticello, Wis.
Kennedy, D. J., Co., masons & bldrs.' matls, 6366 Frankstown av, Ptg., Pa.
Kennedy, D. V., & Co., see T. P. Spoonamore (successor).
Kennedy, David E., sanitary flooring & cork tile, 53 5th av, New York.
Kennedy, Ernest, architect, Essex Bldg., Minneapolis, Minn.
Kennedy, F. H. jr., architect, Pasadena, Cal.
Kennedy Foundry Co., grey iron castings, S. Charles & Wells, Baltimore, Md.
Kennedy & Forbes, architects, Missoula, Mont.
Kennedy & Greig, machsts., 209 2d av, Detroit, Mich.
Kennedy, J. D., & Co., masons & bldrs.' matls., Dime Bk. Bldg., Detroit, Mich.
Kennedy, J. E., pumps, 30 E. 42d, New York.
Kennedy, J. E., Co., contrs., Atlanta, Ga.
Kennedy, J. E., & Co., surgical & dental instruments, 201 E. 23d, New York.
Kennedy, J. J., masons & bldrs.' matls., Zellenople, Pa.
Kennedy, J. M., architect, Raleigh, N. C.
Kennedy, J. Sarsfield, architect, 157 Remsen, Brooklyn, N. Y.
Kennedy, Jas., contractor, Fargo, N. D.
Kennedy, Jno., & Co., contractors, 1133 B'way, New York.
Kennedy, John J., architect, Ford Bldg., Wilmington, Del.
Kennedy, Jno. W., architect, Cohokie Bldg., East St. Louis, Ill.
Kennedy, Joseph, architect, 6 N. 4th, Harrison, N. J.
Kennedy, Julian, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.
Kennedy, L. J., & Sons, contractors, Port Chester, N. Y.
Kennedy Packing Co., Biloxi, Miss.
Kennedy Mfg. Co., tool kits, 14 E. Jackson blvd, Chicago, Ill.
Kennedy, P. J., & Co., contractors, Holyoke, Mass.
Kennedy, P. W., tubular boilers, 1201 Beecher, Indianapolis, Ind.
Kennedy & Peterson Co., contrs., Nashua, N. H.
Kennedy, Ralph M., saws, 117 N. 7th, Philadelphia, Pa.
Kennedy Refractories Co., dolomite, Bettsville, Ohio.
Kennedy Valve Mfg. Co., Elmira, N. Y.
See adv. index at end of book.

Kennedy Van Saun Mfg. & Eng. Corp., crushing, mining, cement machinery, etc., 120 B'way, New York.
See adv. index at end of book.
Kennedy, W. A., Hardware Co., whol., Canton, Ohio.
Kennedy Wall Cabinet Co., 4439 N. Clark, Chicago, Ill.
Kennedy, Walter, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.
Kennedy-Webster Co., time switches, 536 S. Clark, Chicago, Ill.
Kennedy, Wm., Construction Co., 215 Montague, B'klyn, N. Y.
Kennehan, P. E., Son & Co., agricultural implements, Brasher Falls, N. Y.
Kennel Food Supply Co., canned, Fairfield, Conn.
Kennelly, Jno. J., machsts., 826 10th av, New York.
Kennerly Hardware Co., Palatka, Fla.
Kennerly, S. J., hardware, whol., Gainesville, Tex.
Kennerly & Stiegmeyer, architects, Benoist Bldg., St. Louis, Mo.
Kenneth, W. D., architect, 258 B'way, New York.
Kennett, A. C., lumber, Conway, N. H.
Kennett Engine & Boiler Wks., Kennett, Mo.
Kennett Fndry. & Mach. Co., Kennett Square, Pa.
Kenney, B. E., Lumber Co., Frankfort, Ky.
Kenney, Basil E., Lumber Co., Guin, Ala.
Kenney Bros., sashes, doors & blinds, Fort Smith, Ark.
Kenney Bros., stone producers, Long Eddy, N. Y.
Kenney, F. Mfg. Co., tex. machy. (mill soaps), 368 Dorchester av, Boston, Mass.
Kenney, J. R., cornices, 251 S. Wayne av, Dayton, Ohio.
Kenney Machinery Co., 124 S. Capitol av, Indianapolis, Ind.
Kenney, R. S., brick, Hebron, Ind.
Kenney, Wm. F., plumbers' supps., 63 Mechanic, Newark, N. J.
Kennington Iron Wks., 414 3d av, Brooklyn, N. Y.
Kennon, Chas. C., contractor, 814 18th, N. W., Washington, D. C.
Kenny Boiler & Mfg. Co., 6th & Locust, St. Paul, Minn.
Kenny, J. T., & Co., soap & scouring powders, St. Paul, Minn.
Kenny, Wm. F., & Co., stone producers, wkrs. & dlrs., 347 Columbia, Brooklyn, N. Y.
Kenosha Knitting Co., sweaters, cardigans, etc., Kenosha, Wis.
Kenova Hardwood Flooring Co., Kenova, W. Va.
Kenower, John, & Sons, lumber mfrs., Huntington, Ind.
Kensington Engine Wks., Co., see Hainsport Mining & Transport, Co. (successors).
Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.
Kensington Hdwe. & Tool Mfg. Co., 410 Mechanic, Germantown, Philadelphia, Pa.
Kensington Iron & Metal Co., machy. dlrs., 1011 E. Susquehanna av, Phila., Pa.
Kensington Structural Steel Co., steel plate works, stacks, tanks, etc., Dept. H, Venango & G, Phila., Pa.
Kent, Amos, Lumber & Brick Co., Hammond, La.
Kent, Atwater, Mfg. Wks., auto. horns, 4937 Stenton, Philadelphia, Pa.
Kent, Charles Nelson, architect, 108 Jamaica av, New York, N. Y.
Kent, E., & Co., masons & bldrs.' matls., Clinton, Ill.
Kent, F. C., & Co., talking machine supplies, 359 Mulberry, Newark, N. J.
Kent, Geo. W., contractor, Arlington Heights, Mass.
Kent, J. S. Co., lumber, Harrison Bldg., Philadelphia, Pa.
Kent Light Store, incandescent lamps, Newark, N. J.
Kent, Lindley C., Co., mill & facty. supplies, Wilmington, Del.
Kent Lubricating Co., Waukesha, Wis.
Kent Lumber Co., Barneston, Washington.
Kent Machine Co., chocolate, paint grinding & varnish makers, machinery, etc., 39 Gold, Brooklyn, N. Y.
Kent Machine Co., concrete, Kent, Ohio.
Kent Mfg. Co., woolen blankets, Clifton Heights, Pa.
Kent Mill Co., mfrs. grinding & crushing mills, 10 Rapelyea, Brooklyn, N, Y.
Kent Milling Co., flour, Kent, Ind.
Kent-Owens Machine Co., Toledo, Ohio.
Kent, Percy, Co., second hand bags, burlap, etc., 33 Pearl, New York.
Kent & Purdy Paint Co., 307 N. Main, St. Louis, Mo.
Kent Vacuum Cleaner Co., Rome, N. Y.
Kent, W. W., architect, Lawrence Park, Bronxville, N. Y.
Kent, Willard, architect, Woonsocket, R. I.
Kent, Wm. P., & Co., printing & lithographic inks, 49 Rose, New York.
Kenton Carriage Co., Kenton, Ohio.
Kenton Hardware Co., iron & steel toys, Kenton, Ohio.
Kenton Marble & Granite Co., Kenton, Ohio.
Kenton Supply Co., masons & bldrs.' matls., Covington, Ky.
Kentucky Bedding Co., mattresses, Louisville, Ky.
Kentucky Bluestone Co., Freestone, Ky.
Kentucky Consumers' Oil Co., boiler compounds, Louisville, Ky.
Kentucky Electrical Co., Owensboro, Ky.
Kentucky Fertilizer Co., Louisville, Ky.
Kentucky Fire Brick Co., Portsmouth, Ohio.
Kentucky Fluor Spar Co., Marion, Ky.
Kentucky Freestone Co., stone producers, 2629 Spring Grove av, Cincinnati, Ohio.
Kentucky Lumber Co., Burnside, Ky. & Sulligent, Ala.
Kentucky Mine Supply Co., Middlesboro, Ky.
Kentucky Oxygen-Hydrogen Co., welding apparatus, Louisville, Ky.
Kentucky Portland Cement & Coal Co., Pine Hill, Ky.
Kentucky River Mills, cordage & twine, Frankfort, Ky.
Kentucky River Stone & Sand Co., Lawrenceburg, Ky.
Kentucky Saw Wks., 1004 W. Main, Louisville, Ky.
Kentucky Silica Co., sand, Louisville, Ky.
Kentucky Stamping Co., rural mail boxes, fountains, lamps, etc., Louisville, Ky.
Kentucky Stove Co., Louisville, Ky.
Kentucky Tobacco Product Co., Louisville, Ky.
Kentucky Veneer Wks., 13th & Magnolia, Louisville, Ky.
Kentucky Wagon Mfg. Co., carts, storage battery trucks & trailers, 3d & K, Louisville, Ky.
Kenway, P., pipe hanger, steam pump conduits, 248 Boylston, Boston, Mass.
Kentucky Wall Plaster Co., Louisville, Ky.
Kentucky Whip & Collar Co., Eddyville, Ky.
Kenvil Lumber & Store Co., Kenvil, N. J.
Kenwood Heating Co., 4825 St. Lawrence, Chicago, Ill.
Kenworthy, Bros., felts, Stoughton, Mass.
Kenworthy, Chas. F., furnaces, Waterbury, Conn.
Kenworthy's, Thos., Sons, hair imps., 130H Arch, Phila., Pa.
Kenyon, A. P., ship builders, Marine City, Mich.
Kenyon Canning Co., Kenyon, Minn.
Kenyon, Chas. F., mattresses, Ocean Grove, N. J.
Kenyon Co., advtg. spec., 303 Grand av, Des Moines, Iowa.
Kenyon, D. R., & Son, machsts. & fndrs., Raritan, N. J.
Kenyon, Geo. G., Lbr. Co., 601 E. Water, Syracuse, N. Y.
Kenyon, H. T., & Co., contractors, masons' & bldrs.' matls., Westerly, R. I.
Kenyon, J. J., Mfg. Co., shoe laces, Pawtucket, R. I.
Kenyon, Jas. S., contractor, Bremerton, Wash.
Kenyon Lumber Co., Sandy Hill & Hudson Falls, N. Y.
Kenyon Printing & Engraving Co., maps, Des Moines, Iowa.
Kenyon, R. L., Co., camp furniture, Waukesha, Wis.
Kenyon & Stanley, stone producers, Bethany, Mo.
Kenyon, Wm. M., & Maine, Maurice F., architects, Essex Life Bldg., Minneapolis, Minn.
Keogh, John W., & Co., tow, 133 W. Washington, Chicago, Ill.
Keokuk Brick & Tile Co., Keokuk, Ia.
Keokuk Canning Co., Keokuk, Ia.
Keokuk Electro-Metals Co., ferro chrome, ferro-phosphorus, & ferro-silicon, Keokuk, Ia.
Keonig, D. B., & Co., garment hangers, Hazleton, Pa.
Keough Bros., contractors, 2653 Mississippi, St. Paul, Minn.
Kepec Co., The, tanners chemicals, 4764 4th, Milwaukee, Wis.
Kepler, H. A., contractor, 700 N. 12th, Kansas City, Kan.
Kepner, Arthur S., architect, Pottstown, Pa.
Kepner & Smith, architects, Frederick, Md.
Keppler Glass Constr. Co., plain & prismatic vault & sidewalk lights, 101 Park av, New York.
Kepplinger, Geo. J., floor scraping machines, Dwight, Ill.
Ker, Norman, Co., gen'l contrs., 1123 B'way, New York.
Keramic Studio Pub. Co., Syracuse, N. Y.
Keratol Co., artificial leather, 348 Van Buren, Newark, N. J.
Kerbaugh Lime Co., Washington av, c. 15th, Philadelphia, Pa.
Kerber Packing Co., meat packers, Elgin, Ill.
Kerby & Bro., tailors' squares & glass cutters' rules, 51 Fulton, New York.
Kerby & Call, architects, 470 E. Tremont av, New York.
Kerchoff-Cuzner Mill & Lbr. Co., 560 S. Main, Los Angeles, Cal.
Kerckhoff-Cuzner Lumber Co., Pasadena, Cal.
Kerens Cotton Oil Co., meal, Kerens, Tex.
Kerens-Donnewald Coal Co., 12th & Lucas av, St. Louis, Mo.
Kerite Insulated Wire & Cable Co., insulated wire mfrs., 30 Church, New York.
Kerkeslager, M. W., mill soaps, 17th & Sedgley av, Phila., Pa.
Kerkow, Inc., architect, 125 E. 56th, New York.
Kermath Mfg. Co., marine engines, 45 Fort, E. Detroit, Mich.
Kern, A., picks, mattocks, etc., Fleetwood, Pa.
Kern Burner Co., arc & gas lamps, 217 & 125th, New York.
Kern Commercial Co., imptrs. of wax & gauge glasses, 115 Broad, New York.
Kern, F. C., architect, 14 Gladstone av, Newark, N. J.
Kern, Geo., meat packer, 350 W. 38th, New York.
Kern, J. B. A., & Sons, wheat flour, 31 Cherry, Milwaukee, Wis.
Kern, Jno., & Son, meat packers, Portland, Me.
Kern, S. Y., & Son, carriages, Coopersburg, Pa.
Kern & Son, mailing tubes, etc., 409 Pearl, New York.
Kern, Thos., Lumber Co., sash, door & blind, Slatington, Pa.
Kern, Wm. S., machinists, Wilkes-Barre, Pa.
Kernan, John F., mattresses, Oswego, N. Y.
Kernan, R. H., contractor, South Orange, N. J.
Kernan, W. J., & Co., contractors, 425 S. Cincinnati, Dayton, O.
Kernchen Company, ventilator mfrs. and engrs., 332 S. Michigan av, Chicago, Ill.
Kerner Contr. Co., 405 Lexington av, New York.
Kerner Incinerator Co., 596 Clinton, Milwaukee, Wis.
Kerner, P., & Sons, contractors, Utica, N. Y.
Kerner W. R. & Co., felt wheels, 139 N. Clark, Chicago, Ill.
Kerney Mfg. Co., asbestos table pads & mats, 184 W. 62nd, Chicago, Ill.
Kerney & Trecker Co., milling machines, Milwaukee, Wis.
Kernochan & Co., whol. hdwe., mill, facty. & plumbers' supplies, Titusville, Pa.
Kerns & Carroll, architects, Coatesville, Pa.
Kerns, Geo. M., architect, Corn Club Bldg., Ottumwa, Iowa.
Kerns, Jas. S., & Son, contrs., Saginaw, Mich.
Kerns, John A., architect, Washington, Pa.
Kerns & Reese, flour mills, Jamestown, Ky.
Kerns, T. A., machst. & fndr., Sutherlin, Va.
Kernshaw, C. G., Contracting Co., Woodward Bldg., Birmingham, Ala.
Kerr, A. H., & Co., bottles, glass, Portland, Ore.
Kerr, Alex., & Son, contractors, Elizabeth, N. J.
Kerr Bros. Co., cornices & skylights, Coldwater, Mich.
Kerr, C. H., Co., contractors, 2565 5th av, Pittsburgh, Pa.
Kerr & Co., belt lacing & fasteners, 114 Liberty, New York.
Kerr, Gifford & Co., masons' & bldrs.' matls., Seattle, Wash.
Kerr Glass Mfg. Co., 70 Portland av, Sand Springs, Okla.
Kerr & Ingram, sash, door & blind mfrs., Homestead, Pa.
Kerr, J. E., & Co., Annatto, 25 Beaver, New York.
Kerr, J. M., Co., wholesale hardware, Gallipolis, Ohio.
Kerr, L. S. D., rims, spokes, wheels, etc., wagon & carriage, Frenchtown, N. J.
Kerr Machinery & Supply Co., Beaubien, 100 Detroit, Mich.
Kerr Paper Mill Co., East Downingtown, Pa.
Kerr, R. J., Co., contractors, Farmers Bank Bldg., Pitts'bg., Pa.
Kerr Turbine Co., Wellsville, N. Y.
Kerredge, Wm., mill & facty. supps., Hancock, Mich.
Kerrick Construction Co., 607 3d av, N. E., Minenapolis,, Minn.
Kerrihard Co., machsts. & fndrs., Red Oak, Ia.
Kerry & Hanson Flooring Co., Grayling, Mich.
Kerschamp Bros., frdrs., Sheboygan Falls, Wis.
Kershaw, John W., Co., Turkish towels, 1734 N. 5th, Philadelphia, Pa.
Kershaw, Nelson, Turkish towels, Clifton Heights, Pa.
Kershaw Oil Mill, fertilizer mfrs., Kershaw, S. C.
Kershaw, W. B., carriages, New Rochelle, N. Y.
Kershaw, W. F., lumber mfr., Marianna, Ark.
Kershner, Matthias, & Fritch, hardware, whol., Reading, Pa.
Kerskamp Bros., fndrs., Sheboygan Falls, Wis.
Kerste Aug. & Co., contrs., Ottawa, Ill.
Kersten, S., heating contr., 554 W. Jackson blvd., Chicago, Ill.
Kersting, J. H., embossing dies, stencils, etc., 75 Fulton, New York.
Kertscher & Co., interior finish mfrs., Elmira, N. Y.
Kertz, Herman, architect, Com. Bldg., St. Paul, Minn.
Kerwin, Andrew J., Jr., contractor, 1133 B'way, New York.
Kerwin Mach. Co., Detroit, Mich.
Kescot Mfg. Co., 86 Page, Providence, R. I.
Keshin, Blithstein & Co., sash, door & blind mfrs., Burroughs av, Brooklyn, N. Y.
Kesl Joseph & Son, contrs., Edwardsville, Ill.

Kesler Mfg. Co., cotton sheeting, Salisbury, N. C.
Kesler, P. W., canned goods, Roanoke, Va.
Kessawayne Lumber Co., Waynesville, N. C.
Kessel, Henry A., Co., mill & facty. supplies, 38 Pearl, New York.
Kesselman & Co., machinists, Butler, Pa.
Kessler-Barkow Saddlery Co., Atchison, Kan.
Kessler, F. M., & Son, canned goods, Buchanan, Va.
Kessler, Fred., cornices, Denver, Col.
Kessler, Geo., Contr. Co., Drexel Bldg., Philadelphia, Pa.
Kessler, J., lbr., Daggett, Mich.
Kessler, Jos. G., & Co., spelter, 65 Ingraham, Brooklyn, N. Y.
Kessler, P., & Son, canned goods, Butler, Md.
Kessler, S. E., masons' & bldrs.' matls., Columbia City, Ind.
Kessling, Edw., clinical thermometers, 96 Suydam, Bklyn., N. Y.
Kester Elec. Co., machinists, Terre Haute, Ind.
Kester Machy. Co., dlrs., Winston-Salem, N. C.
Kesti & Son, granite producers, Rocklin, Cal.
Kestler, John A., machinist, Lynchburg, Ohio.
Kestner Evaporator Co., 18th & Allegheny, Philadelphia, Pa.
Ketcham, Howard, lumber, 1160 N. 3d, Philadelphia, Pa.
Ketcham Iron Co., Fort Smith, Ark.
Ketcham & McDougall, sewing thimbles, 15 Maiden la, New York.
Ketcham & McQuade, contractors, 1029 Brown, Philadelphia, Pa.
Ketcham, O. W., front brick & terra cotta mfrs., 24 So. 7th, Philadelphia, Pa.
Ketcham & Rothchild, furniture, 208H W. Seigel, Chicago, Ill.
Ketcham, Tredwell, contractor, 424 E. 165th, New York.
Ketcheson, J. C., pads & tablets, Leavenworth, Kan.
Ketchin A. J. & Son, contrs., Tariffville, Conn.
Ketchum, D. A. (Est.), masons' & bldrs.' matls., Middletown, N. Y.
Ketchum Tool Equipment Co., milling machines, & drill press vises, Bridgeport, Conn.
Ketchum, W. E., architect, Littlefield Bldg., Austin, Tex.
Ketler-Elliott Co., forged rods, 31st & California, Chicago, Ill.
Ketler-Elliott Co., contrs., 155 N. Clark, Chicago, Ill.
Kettenhofen, N., stone prod., Manitowoc, Wis.
Ketter Buggy Co., Ironton, Ohio.
Ketterlinus Lithographic Mfg. Co., advtg. novelties, 4th & Arch, Philadelphia, Pa.
Kettle River Co., stone producers, Madison, Ill.
Keuffel & Esser Co., barometers, measuring rods, Hoboken, N. J.
Kevorkian Stephen A., architect, 23 S. 52nd, Phila., Pa.
Kevil, R. U., & Sons, flour mills, Princeton, Ky.
Kewanee Boiler Co., Kewanee, Ill.
Kewanee Mfg. Co., coal chutes & sleeping berths, Kewanee, Ill.
Kewanee Private Utilities Co., mfrs. engines, pumps, tanks, etc., Kewanee, Ill.
Kewaunee Mfg. Co., laboratory wood work, Kewaunee, Wis.
Key City Decorative Glass Wks., Dubuque, Ia.
Key City Packing Co., canned goods, Port Townsend, Wash.
Key City Roofing Co., Dubuque, Ia.
Key, E. H., sweaters, etc., Fort Hunter, N. Y.
Key-Hold Lath Co., wall boards, patent lathes, dampproofing mat'l, San Francisco, Cal.
Key, James, Brick Co., Chattanooga, Tenn.
Key West Hdwe. Co., Key West, Fla.
Keyes-Davis Co., metal novelties, etc., Battle Creek, Mich.
Keyes Fibre Co., wood & paper dishes, Waterville, Me.
Keyes, Henry F., architect, 78 Devonshire, Boston, Mass.
Keyes, Jas. A., machst. & fndr., 652 Hudson, New York.
Keyes, Jas. H., eyelet machs., 658 Hudson st, New York.
Keyes, L. D., contractor, Des Moines, Ia.
Keyes Products Co., artificial lumber, paper & pulp mills, veneer panels, etc., 120 Broadway, New York.
Keyes, W. H., & Co., contractors, 101 Tremont, Boston, Mass.
Keyless Auto Clock Co., 246 W. 59th, New York.
Keyless Lock Co., Indianapolis, Ind.
Keyo Bros. & Co., thermometers, Catasqua, Pa.
Keyoke Ry. Equipment Co., Monadnock Bldg., Chicago, Ill.
Keyport Dry Dock Co., Keyport, N. J.
Keys & Miller Lumber Co., sash, door & blind mfrs., Elkton, Md.
Keys Piston Ring Co., 3049 Olive, St. Louis, Mo.
Keys, T. W., contractor, La Salle, Ill.
Keys-Walker Lumber Co., lumber, Roanoke, Va.
Keyser Clarence A., architect, 41 S. 15th, Philadelphia, Pa.
Keyser Hardware Co., Keyser, W. Va.
Keyston Bros., harness, saddles, etc., 120 2d, San Francisco, Cal.
Keystone Albumen & Paint Co., 1346 N. Marston, Phila., Pa.
Keystone Axle Works, car, 33d & A. V. R. R., Pittsburgh, Pa.
Keystone Blue Paper Co., 910 Filbert, Philadelphia, Pa.
Keystone Bobbin Wks., Allentown, Pa.
Keystone Boiler & Fdry Co., Landisville, Pa.
Keystone Boiler Works, 163 Main, San Francisco, Cal.
Keystone Bone Fertilizer Co., 15 N. 5th, Philadelphia, Pa.
Keystone Bottle Mfg. Co., Uniontown, Pa.
Keystone Box Co., packing, 26th & Liberty av, Pittsburgh, Pa.
Keystone Box Mfg. Co., packing, 701 E. Girard av, Phila., Pa.
Keystone Brass Works, machsts. & fndrs., Erie, Pa.
Keystone Brick Co., Godfrey, E. 2d, St. Park, Philadelphia, Pa.
Keystone Bronze Co., railway & marine castings, bronze, copper & aluminum, 39th & A. V. R. R. Pittsburgh, Pa.
Keystone Calendar & Printing Co., advtg. spec., Wilkes-Barre, Pa.
Keystone Chemical Co., boiler compounds, water filters, etc., 2222 N. Marshall, Philadelphia, Pa.
Keystone Clay Products Co., common brick, Greensburg, Pa.
Keystone Coal & Coke Co., Greensburg, Pa.
Keystone Construction Co., Meadville, Pa.
Keystone Contracting Co., Keystone Bldg., Pittsburg, Pa.
Keystone Cut Glass Co., Hawley, Pa.
Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.
Keystone Driller Co., steam shovels, well drilling machines & deep well pumps, 8th av & 20th, Beaver Falls, Pa.
See adv. index at end of book.
Keystone Elec. Mfg. Co., switches, Cleveland, O.
Keystone Emery Mills, 4325 Paul, Philadelphia, Pa.
Keystone Fibre Co., mill boxes, Yorklyn, Del.
Keystone Film Co., 1459 Broadway, New York.
Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.
Keystone Fireproofing Co., Chester, Pa.
Keystone Flour Co., cereal foods, 1534 Ridge av, Phila., Pa.
Keystone Forging Co., Northumberland, Pa.
Keystone Fdry. Co., Pottstown, Pa.
Keystone Fndry. Supply Co., Ellicott Sq., Buffalo, N. Y.
Keystone Friction Hinge Co., Williamsport, Pa.
Keystone Furnace Construction Co., blast, Farmers' Bk. Bldg., Pittsburgh, Pa.
Keystone Furn. Co., Dept. H, Williamsport, Pa.
Keystone Gas Fixture Wks., Reading, Pa.
Keystone Glue Co., Williamsport, Pa.
Keystone Grinder & Mfg. Co., 220 Penn av, Pittsburgh, Pa.
Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.
Keystone Handle Co., Corydon, Pa.
Keystone Heating Co., Reading, Pa.
Keystone Hindley Gear Co., gears & pinions, 20th & Ind., Philadelphia, Pa.
Keystone Iron & Metal Co., Bessemer Bldg., Pittsburgh, Pa.
Keystone Iron Works, Los Angeles, Cal.
Keystone Lantern Co., screw caps, etc., Tacony & Cottman, Philadelphia, Pa.
Keystone Latch Needle Co., textile machy., supplies, etc., 543 W. Lehigh av, Philadelphia, Pa.
Keystone Leather Packing Co., 38-40 Market, Auburn, N. Y.
Keystone Lime Co., Charleston, S. C.
Keystone Lubricating Co., 21st & Clearfield, Philadelphia, Pa.
Keystone Lumber Co., sash, door & blind mfrs., Tacoma, Wash.
Keystone Mach. Co., jigs & fixtures, 206 Commercial, Rochester, N. Y.
Keystone Mach. Wks., Sunbury, Pa.
Keystone Mfg. Co., lumber, Elkins, W. Va.
Keystone Mfg. Co., wrenches, etc., Buffalo, N. Y.
Keystone Mills Co., lumber, Waukegan, Tex.
Keystone Minerals Co., rotten stone, iron & steel fillers, etc., 41 Union Sq., New York.
Keystone Mining Co., bituminous coal mine, East Brady, Pa.
Keystone Motor Mfg. Co., East Greenville, Pa.
Keystone Oil & Mfg. Co., 111 N. Market, Chicago, Ill.
Keystone Ornamental Iron & Bronze Wks., 830 Howard, San Francisco, Cal.
Keystone Ornamental Iron Co., Homestead, Pa.
Keystone Paint & Filler Co., Muncy, Pa.
Keystone Paint & Oil Co., lubricating, Columbus, Ohio.
Keystone Paper Mills Co., Upper Darby, Pa.
Keystone Pipe & Supply Co., mill & facty. supplies, Butler, Pa.
Keystone Planing Mill, sash, door & blind, Lancaster, Pa.
Keystone Plaster Co., Chester, Pa.
Keystone Pottery Co., Trenton, N. J.
Keystone Printed Specialties Co., gummed labels, 325 Pear, Scranton, Pa.
Keystone Roofing Mfg. Co., York, Pa.
Keystone Rubber Mfg. Co., inner tubes, patches, reliners, rubber goods, etc., Erie, Pa.
Keystone Screw Co., 17th & Lehigh, Philadelphia, Pa.
Keystone Seal & Press Co., meter seals, 30 Main, Brooklyn, N. Y.
Keystone Solether Corp., floor tile gasket sheeting, synthetic bags & leather, 320 B'way, New York.
Keystone Specialty Co., plbg. & htg. supplies, Scranton, Pa.
Keystone Spring Wks., machsts., 13th & Buttonwood, Philadelphia, Pa.
Keystone State Const. Co., 210H S. 13th, Phila., Pa.
Keystone Stationery Mfg. Co., rubber stamp ink pads, 539 Wood, Pittsburgh, Pa.
Keystone Steel Co., floor plates & stair treads, 4 Commercial Trust Bldg., Phila., Pa.
Keystone Steel & Wire Co., Peoria, Ill.
Keystone Stove Fdry., Spring City, Pa.
Keystone Structural Co., steel structural work, Royersford, Pa.
Keystone Supply & Mfg. Co., plumbers' supplies, jobbers, 917 N. 9th, Philadelphia, Pa.
Keystone Tag Co., West Chester, Pa.
Keystone Type Fdry., 300 Chestnut, Philadelphia, Pa.
Keystone Underwear Co., sweaters, Lititz, Pa.
Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
Keystone Vehicle Co., auto. metal bodies, Reading, Pa.
Keystone Watch Case Co., 1411 Walnut, Philadelphia, Pa.
Keystone Wire Matting Co., Beaver Falls, Pa.
K. F. Textile Mills, Inc., knitted gds., Utica, N. Y.
K. G. Welding & Cutting Co., 556 W. 34th, New York.
Khalizog Silk Co., silk thread, 91 5th av, New York.
Khin Trunk & Bag Co., 215 Bergen, Newark, N. J.
Khourn, Amin N., portables elect., New York, N. Y.
K-H Sign Co., elec., Aiken av, & P. R. R., Pittsburgh, Pa.
Kiamensi Clay Co., clay, miners & shippers, Wilmington, Del.
Kiamensi Woolen Co., blankets, Stanton, Del.
Kibbee, A. S., & Son, lumber mfrs., Albany, N. Y.
Kibele, Cuno, architect, Muncie, Ind.
Kibler, Fred W., masons & bldrs.' matls., Mount Orab, Ohio.
Kickapoo Sand & Gravel Co., Attica, Ind.
Kidd-Bossinger Hdwe. Co., Little Rock, Ark.
Kidd Drawn Steel Co., Aliquippa, Pa.
Kidd, Mrs. E. G., Inc., pickles, Richmond, Va.
Kidd F. J. & W. A., architects, 232 Delaware av, Buffalo, N. Y.
Kidd, Jos., & Son, naval architects, Palladio Bldg., Duluth, Minn.
Kidd, Russ, Trunk & Bag Co., Shreveport, La.
Kidd-Scruggs Co., contrs., Insurance Bldg., Dallas, Texas.
Kidde, Walter & Co., Inc., contrs., 140 Cedar, New York.
Kidder, J. F., Mfg. Co., cutting & punching machy., Burlington, Vt.
Kidder, Oswald, Co., dies, Fifth & Norwood, Dayton, Ohio.
Kidder Press Co., machsts. & fndrs., Dover, N. H.
Kidder, R. E., Co., auto parts, woodworking & special machinery, pattern & model making & envelope cutting presses, Worcester, Mass.
Kidder, R. E., Flour Mills, Kansas City, Mo.
Kiddle, Richard H., machinist, Kinseman, Ohio.
Kidds, Alex., Son, cornices, York, Pa.
Kidney, Geo., packing box mfrs., 7 Walker, New York.
Kidney, Jas., Co., auto. wood bodies, 429 E. 2d, Cincinnati, O.
Kidwell Boiler & Engineering Co., 288 E. Water, Milwaukee, Wis.
Kiechler Mfg. Co., exhaust & blow piping, etc., Wade & Denman, Cincinnati, Ohio.
Kieckhefer, A., Elevator Co., St. Paul av, Milwaukee, Wis.
Kieckhefer Box Co., 16th, Viaduct, Milwaukee, Wis.
Kiefaber, W. H., Co., plbrs.' supplies, Dayton, Ohio.
Kiefer, Albert, architect, Jefferson Bldg., Peoria, Ill.
Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
Kiefer, Edgar S., Fanning Co., 216 W. Lake, Chicago, Ill.
Kiefer Emil N., contr., E. St. Louis, Ill.
Kiefer, Karl, Machine Co., bottlers' machinery, 919 Martin, Cincinnati, Ohio.
Kiefer, W. L., iron, Reading, Pa.
Kieff, D. D., architect, 335 Sterling, Watertown, N. Y.

Kieffer Bros., cooking apparatus, steam fittters' supplies, Syracuse, N. Y.
Kieffer Paper Co., Brownstown & Ewing, Ind.
Kieffer, R. J., architect, 610 S. B'way, Los Angeles, Cal.
Kieft, Chas., architect, 9 Pike pl Middletown, Conn.
Kiehm, Chas., architect, Gardner Bldg., Utica, N. Y.
Kiehnel & Elliott, architects, 245 4th av, Pittsburgh, Pa.
Kiel & Daues Bricklaying & Contracting Co., 2621 Clark av, St. Louis, Mo.
Kiel, J. F., machsts. & brass frdrs., Wayland, N. Y.
Kiel Machine Co., Kiel, Wis.
Kiel Mfg. Co., washing machines, Albert Lea, Minn.
Kieley & Gleason, contrs., Northampton, Mass.
Kieley & Mueller, valves, traps, separators, regulators, etc., 34 W. 13th, New York.
Kienle & Co., printing inks, 109 S. 5th, Brooklyn, N. Y.
Kientz, John, stone producers, 464 W. State, Columbus, Ohio.
Kienzie-Merrick Mfg. Co., bank & office railings, 12-14 S. 3d, Minneapolis, Minn.
Kienzie, Wm. F., hdwe. mfrs., plating wks., etc., 4855 N. Paulina, Chicago, Ill.
Kier, A. H., plate glass, Paterson, N. J.
Kier Fire Brick Co., Oliver Bldg., Pittsburgh, Pa.
See adv index at end of book.
Kies, Wolfgang, stone, 3310 Vliet, Milwaukee, Wis.
Kiesler, Jos. F., Co., machsts., N. Sangamon & W. Huron, Chicago, Ill.
Kiesling, Homer, architect, 7 Water, Boston, Mass.
Kiesslich, Ed. R., contractor, Sherman blvd & Wright, Milwaukee, Wis.
Kiessling Calvin, architect, 220 5th av, New York
Kieswetter, Jos. F., vacuum cleaners, Toledo, Ohio.
Kift Milling Co., flour, Sunbury, Pa.
Kilberer, F., & Son, contrs., Niagara Falls, N. Y.
Kilborn Bros., confetti, New Haven, Conn.
Kilborn & Bishop Co., forged hdwe. mfrs., 194 Chapel, New Haven, Conn.
Kilborn, Sauer Co., auto lamps, Fairfield, Conn.
Kilbourn, R. A., lumber mfrs., Harrisville, N. Y.
Kilbourne & Jacobs Mfg. Co., barrows, cars, trucks, etc., Columbus, Ohio. *See adv. index at end of book.*
Kilbourne, M., & Co., machy. dlrs., 24 W. Mound, Columbus, O.
Kilbourne Mfg. Corpn., knitting machy., New Brunswick, N. J.
Kilburn, Edw., machinist, Spring Valley, Minn.
Kilburn, Lincoln, Machine Co., Fall River, Mass.
Kilby Car & Foundry Co., Anniston, Ala.
Kilby Frog & Switch Co., Birmingham, Ala.
Kilby Mfg. Co., sugar & wire machy., etc., 4623 Lakeside av, Cleveland, O.
Kilby Pipe & Foundry Co., Birmingham, Ala.
Kildust Co., sweeping compounds, Rome, Ga.
Kile & Morgan Co., lbr., R. I. H. Tr. Bldg., Providence, R. I.
Kileen, Thos., & Co., contrs., Duluth, Minn.
Kiley, Jas. A., carriages, Somerville, Mass.
Kiley, Thos. W., & Co., whol. hdwe., mill & facty. supplies, 57 Grand, Brooklyn, N. Y.
Kilgen, Geo., & Sons, organs, 3825 Laclede av, St. Louis, Mo.
Kilgore, L. W., contractor, Canton, Ohio.
Kilgore Mfg. Co., iron toys, Homestead, Pa.
Kilgore, W. B, contractor, 1272 W. North av, Chicago, Ill.
Kilgus, Fred, contractor, 13 S. 6th, Newark, N. J.
Kilgus, Jacob, contr., Pottsville, Pa.
Kilham & Hopkins, architects, 9 Park, Boston, Mass.
Killam, Chas., W., architect, Harvard University, Cambridge, Mass.
Killam, O. W. & W. T., flour, Grove, Okla.
Killark Elec. Mfg. Co., enclosed fuses, 3940 Easton, St. Louis, Mo.
Killeen's Foundry & Iron Works, 774 S. Liberty, New Orleans, La.
Killefer Mfg. Co., agricultural implements, 2209 Santa Fe, Los Angeles, Cal.
Killen-Strait Mfg. Co., traction engines, machsts., Appleton, Wis.
Killen, W. N., packing box, Cato, Wis.
Killgreen, J. G., contractor, Lewis Bldg., Portland, Ore.
Killiam, Charles F., archit., 51 Avon Hill, North Cambridge, Mass.
Killian, A., architect, Owensboro, Ky.
Killian Lumber Co., Valdosta, Ga.
Killion Rubber Co., 26 Clayton, Boston, Mass.
Killman & Challe, masons' & bldrs.' matls., Green Bay, Wis.
Killoch, David, Co., elec. lights (desk), 57 Murray, New York.
Killorin Contracting Co., Wakefield, Mass.
Killough, Robt., contractor, Wayne & Dunae, Philadelphia, Pa.
Kilmer, M. D., & Co., ties, bale, 6001 Quinby, Cleveland, Ohio.
Kilmer, Roy, architect, Greenville, Tex.
Kilmer & Sons Co., whol. hdwe., 1001 1st av, Spokane, Wash.
Kilo Elec. Meter Co., 10th & Canal, Indianapolis, Ind.
Kilpatrick, A., & Sons Fndry. Co., Carrie & Bulwer av, St. Louis, Mo.
Kilpatrick, B. H. & Co., Inc., marine hdwe. & machy. dlrs., 308H Water, Norfolk, Va.
Kilpatrick Bros. & Collins Contracting Co., Beatrice, Neb.
Kilpatrick, S. F., lumber manufacturer, Carrolton, Ala.
Kilroy, John G., architect, 4435 Indiana av, Chicago, Ill.
Kilroy, Wm. E., Co., contractors, Pawtucket, R. I.
Kilthan, Gustave, architect, Tuckahoe, & 1 Neptune Island, New Rochelle, N. Y.
Kilty, Jno. J., masons' & bldrs.' matls., Stillwater, Minn.
Kim, Geo. A., & Co., plate glass, 318 1st av, Pittsburgh, Pa.
Kimball, A., Co., pin tickets, 307 W. B'way, New York.
Kimball, A. M., & Son, machy. dlrs., Pine River, Wis.
Kimball, Allen, Holmes, archit., 129 E. 7th, Ames, Iowa.
Kimball, B. F., & Co., patent leather, Woburn, Mass.
Kimball Bros. Co., carriages, 112 Sudbury, Boston, Mass.
Kimball Bros. Co., elevators, P. O. Box 154, Council Bluffs, Ia.
Kimball Bros. & Sprague, machy. dlrs., Brockton, Mass.
Kimball, C. E., & Son, dumb waiters, 178 High, Boston, Mass.
Kimball, C. J., Co., oil cloth knives, Bennington, N. H.
Kimball, C. M., Co., metal polish, Winthrop, Mass.
Kimball, C. P., & Co., autos. & wood & metal bodies, 3900 S. Michigan av, Chicago, Ill.
Kimball Carriage Co., Manchester, N. H.
Kimball-Clark Co., lbr., Oshkosh, Wis.
Kimball & Colwell Co., meat packers, 461 Washington, Providence, R. I.
Kimball & Combe Co., granite, 96 Westminster, Providence, R. I.
Kimball-Dietrich Hardware Co., gas ovens, Elgin, Ill.
Kimball, E. D., & Co., whol. hdwe., 159 N. Market, Chicago, Ill.
Kimball, E. P., & Son, masons' & bldrs.' matls., Troy, N. H.
Kimball-Eisenberg Co., plumber, mill & steam fitters' supplies, 153 E. Jefferson av, Detroit, Mich.
Kimball Elec. Lamp Co., 42 E. 23d, New York.
Kimball, F. J., Co., Inc., engineers, 1860 E. 15th, Los Angeles, Cal.
Kimball, Francis H., theatre arch's, 71 B'way, New York.
Kimball, Frank J., Co., pumps, 1860 E. 15th, Los Angeles, Calif.
Kimball, Geo. E., masons' & bldrs.' matls., Hingham, Mass.
Kimball & Kopcke, lumber, Knoxville, Tenn.
Kimball, L. S., loom pickers, Lowell, Mass.
Kimball Milling Co., wheat flour, 223 Board of Trade, Kansas City, Mo.
Kimball Lbr. & Mfg. Co., Laark, La.
Kimball, Phin., lbr., Ry. Exch. Bldg., St. Louis, Mo.
Kimball & Prince Lumber Co., Vineland, N. J.
Kimball, Smallman & Frazee Organ Co., 101 B'way, Ext., Boston, Mass.
Kimball & Son, lumber mfrs., Harrisville, N. Y.
Kimball, Thos. R., architect, World-Herald Bldg., Omaha, Neb.
Kimball Tire Case Co., Council Bluffs, Ia.
Kimball, Tyler Co., wood kegs & tanks, 261 S. 8th, Balto., Md.
Kimball-Upson Co., sporting gds. & auto accessories, Sacramento, Cal.
Kimball, W. W., Co., pianos, organs, 304 S. Wabash av, Chicago, Ill.
Kimball, Wm. H., lbr., Stratford, N. H.
Kimball's, S. G., Son, brass founders, Newburgh, N. Y.
Kimbel, A., & Son, interior hardwood wk., 12 W. 40th, New York.
Kimbell, S. S., Brick Co., 133 W. Washington, Chicago, Ill.
Kimber, G. A., machinist, 1326 N. Hamlin, Chicago, Ill.
Kimberlin, C. W., architect, Owensboro, Ky.
Kimberly, C. B., Co., engineers & contrs., Wheeling, W. Va.
Kimberly-Clark Co., paper & pulp mills, Neenah, Wis.
Kimble Elec. Co., elec. disc fans & motors, 634 N. Western, Chicago, Ill.
Kimble, G. A., & Bro., canned goods, Abingdon, Md.
Kimble Glass Co., tubing, vials, 402 W. Randolph, Chicago, Ill.
Kimble, Walter S., contr., Williamsport, Pa.
Kimbrough Hardware Co., Muncie, Ind.
Kimche, F., plbrs. supps., 11 B'way, Detroit, Mich.
Kimes, J. B., & Co., slate burial cases, 24th & Callowhill, Philadelphia, Pa.
Kimmel, J. W., lumber, Bluffton, Ohio.
Kimmey, Frank M., contractor, 1007 W. Onondaga, Syracuse, N. Y.
Kimpton, Edw., Co., stationers' specialties, 60 John, New York.
Kimsley Mfg. Co., steam whistles, 42 South & R. R., Bridgeport, Conn.
Kincade, C. C., & Co., lumber, Spickard, Mo.
Kincaid Bros., boiler injectors, 211 Water, Pittsburgh, Pa.
Kincaid Mfg. Co., towels, tickings, Griffin, Ga.
Kind & Landesmann, gelatine mfrs., Camden, N. J.
Kindel Bedding & Renovating Co., Denver, Colo.
Kinder, Paul P., contractor, Fort Wayne, Ind.
Kinderhook Knitting Co., knitted gloves, Kinderhook, N. Y.
Kindler & Collins, pianos, 520 W. 48th, New York.
Kindling Machine Co., street flushing machines, Milwaukee, Wis.
Kindlund & Drake, naval architects, 17 Battery pl, New York
Kinetic Elec. Co., machsts., 16 S. Schell, Philadelphia, Pa.
Kinetic Elec. Co., storage batteries, Norfolk, Va.
Kinetic Engng. Co., organ blowers, 60th & Baltimore av, Philadelphia, Pa.
King, A. R., Mfg. Co., automobile bldrs., Kingston, N. Y.
King Alex Stone Co. of Kansas, Kansas City, Mo.
King Bedding Co., 2119-25 W. Toronto, Phila., Pa.
King, Beverly S., architect, 36 W. 40th, New York.
King Bridge Co., Cleveland, Ohio.
King Bronze & Aluminum Fdry Co., 1734 E. 37th, Cleveland, Ohio.
King Bros., brick, Colchester, Ill.
King Bros., cornices, Danville, Ill.
King & Burham, architects, Jefferson Co. Bk. Bldg., Birmingham, Ala.
King, C. W., lumber, Bowdon, Ga.
King Cereal & Mfg. Co., 559 W. Rand., Chicago, Ill.
King, Chas. S., masons' & bldrs.' matls., Dayton, Ohio.
King, Chas. T., & Co., htg. contrs., 523 N. Charles, Balto., Md.
King Chemical Co., Bound Brook, N. J.
King, Clarence W., architect, 1st Nat'l Bk. Bldg., Shreveport, La.
King Coil & Mfg. Co., Schofield bldg., Cleveland, Ohio.
King Construction Co., greenhouse bldrs., North Tonawanda, N. Y.
King Construction Co., Knoxville, Tenn.
King Construction Co., 113 State, Boston, Mass.
King Counter Co., Salem, Mass.
King & Dexter Co., mill & facty. supplies, plate glass & whol. hdwe., Portland, Me.
King Drill Mfg. Co., Nebraska City, Neb.
King, E. & F., Co., Inc., chemicals, paints, etc., 367 Atlantic av, Boston, Mass.
King Elec. & Mfg. Co., lifting magnets, Cleveland, Ohio.
King & Estridge, contractors, Bedford, Ind.
King, F. E., Co., heating contrs., Norfolk, Va.
King Fifth Wheel Co., 5027 Beaumont av, Philadelphia, Pa.
King-Fisher Mattress Co., Portland, Ore.
King Folding Canvas Boat Co., Kalamazoo, Mich.
King Furn. Co., Dept. H, Warren, Pa.
King, Geo. M., Construction Co., Des Moines, Ia.
King, Geo. R., contractor, Duluth, Minn.
King & Gerber Co., machinists, Paterson N. J.
King, Graham, architect, South Orange, N. J.
King, H C., Lumber Co., Marion, Ohio.
King, H. P., Foundry & Machine Works, Osgood, Ind.
King, H. R., heating contr., 617 10th, N. E., Washington, D. C.
King & Hamilton Co., agricultural implements, farm trucks, etc., Ottawa, Ill.
King Hardware Co., Atlanta, Ga.
King-Hasse Furn. Co., Dept. H, Memphis, Tenn.
King, Henry J. & John V., architect, 9 Clinton, Newark, N. J.
King, Hugh D., contractor, Bloomfield, N. J.
King Investment & Lumber Co., Pueblo, Colo.
King Iron Wks., 226 Ohio, Buffalo, N. Y.
King, J. B., & Co., wall plaster mfrs., etc., 17 State, New York.

King, J. M., architect, Ashland, Ky.
King, John, machsts., Oakland, Me.
King, Jno. F., architect, Bank blk., Fort Wayne, Ind.
King, John J., architect, 1600 Morningside av, Pittsburgh, Pa.
King, John P., Mfg. Co., cotton sheeting, Augusta, Ga.
King, Jno. V., architect, 9 Clinton, Newark, N. J.
King, Jos., brick, Eliot, Me.
King, Jos., Mfg. Co., hdwe. mfrs., Troy, N. Y.
King, Julius, Optical Co., goggle mfrs., 10 Maiden la, New York.
King-Karbo Products Corp., paints, 208 6th av, Pittsburgh, Pa.
King Klip Co., finger nail clippers & cigar cutters, 1328 B'way, New York.
King L. B., contr., Champaign, Ill.
King, L. D., Lumber Co., Evergreen, Ala.
King Level Works, Brighton, Mich.
King Light Co., machsts., Peoria, Ill.
King Lock Co., 319 W. Ohio, Chicago, Ill.
King Lumber Co., Prentice, Ala., & Charlottesville, Va.
King, M. D., Milling Co., flour, Pittsfield, Ill.
King, M. L., architect, Snow Bldg., Syracuse, N. Y.
King Mach. & Mfg. Co., Los Angeles, Cal.
King Machine Tool Co., Clifton & B. & O. S. W. R. R., Cincinnati, Ohio.
King, Mantel & Furn. Co., masons & bldrs.' matls., Knoxville, Tenn.
King Mfg. Co., bags & bagging, Front & Main, Cincinnati, Ohio.
King Mfg. Co., emery grinders, Piqua, Ohio.
King Mfg. Co., lamp posts, etc., St. Joseph, Mo.
King Mfg. Co., radiator brushes, 103 Oliver, Newark, N. J.
King Milling Co., buckwheat flour, Lowell, Mich.
King Motor Car Co., Jefferson & Concord av, Detroit, Mich.
King, Murry S., architect, Bank of Orange Bldg., Orlando, Fla.
King Paint Mfg. Co., varnish, iron & steel fillers, 449 Kent av, Brooklyn, N. Y.
King Paper Co., Kalamazoo, Mich.
King, Patrick J., sash, door & blind mfr., N. Crawford av & Bloomingdale, Chicago, Ill.
King Piano Co., 288 S. La Salle, Chicago, Ill.
King Powder Co., 1st Nat. Bank Bldg., Cincinnati, Ohio.
King, R. Barfoot, architect, 140 W. 34th, New York.
King, R. C., agricultural implements, Carlisle, Ky.
King, R. D., mech. draftsman & engineer, special machy., etc., 51 West Jackson, Chicago, Ill.
King, R. M., Lumber Co., Lebanon, Fla.
King Refining Co., asphalt, 58 Sutter, San Francisco, Cal.
King, Robt., contractor, Youngstown, Ohio.
King-Ryder Lumber Co., Bonami, La.
King Sash, Door & Lumber Co., Spokane, Wash.
King Sawmill Co., King, Ark.
King Sewing Mach. Co., Buffalo, N. Y.
King Stove & Range Co., Sheffield, Ala.
King-Trailer Co., truck trailers, Ann Arbor, Mich.
King Ventilating Co., Owatonna, Minn.
King, W. F., & Co., contractors, Duluth, Minn.
King, W. H., machinist, Coshocton, Ohio.
King, W. H., masons & bldrs.' matls., Geneva, Ohio.
King, W. H., & Co., brick, Rockford, Ohio.
King, W. O., & Co., lumber, 2453 Loomis, Chicago, Ill.
King, W. P., & Son, canned goods, Peach Bottom, Pa.
King, Walter, architect, Stockton, Cal.
King, Walter E., Co., plumbers' supplies, jobbers, 115 W. 3d, Cincinnati, Ohio.
King, Wm. H., paint mfrs., 124 Greene, Brooklyn, N. Y.
King, Wm. H., Jr., architect, House Bldg., Pttg., Pa.
King, Wm. P., metal nov. & spec., Syracuse, N. Y.
King & Winge Ship Yard, bldrs., Seattle, Wash.
Kingan & Co., Ltd., canned meats, W. End, Maryland & Blackport, Indianapolis, Ind.
Kingan Provision Co., meat packers, 626 W. 35th, New York, & Callowhill & 8th, Philadelphia, Pa.
Kingery Mfg. Co., peanut roasting machines, 420 E. Pearl, Cincinnati, Ohio.
Kingfisher Mill & Elevator Co., flour, Kingfisher, Okla.
Kingham, R. L., machst., Enid, Okla.
Kinghorn, Alex., contractor, Reliance Bldg., Kansas City, Mo.
Kingler, C. P., brick, Paulding, Ohio.
Kingman & Co., fanning mills, Peoria, Ill.
Kingman, E. B., Co., celluloid combs, Leominster, Mass.
Kingman Plow Co., Peoria, Ill.
Kings A. J. & Son, contrs., Mitchell, S. D.
Kings', B. V., mach. shop & fdry., Sault Ste. Marie, Mich.
Kings County Iron Fdry. (Inc.), sash weights, Garden & Meserole, Brooklyn, N. Y.
Kings County Packing Co., canned goods, Armona, Cal.
Kings County Rich Cut Glass Wks., 174 N. 4th, Brooklyn, N. Y.
Kings Creek Quarry Co., stone producers, New Cumberland, W. Va.
King's Crown Plaster Co., Cedar Rapids, Ia.
Kings Mountain Cotton Oil Co., Kings Mountain, N. C.
Kingsbridge Iron Works, 405 E. 99th, New York.
Kingsbury, A. W., stone producers, Stafford Springs, Conn.
Kingsbury Constr. Co., Hudson Falls, N. Y.
Kingsbury Mfg. Co., toys, Keene, N. H.
Kingsbury & Davis Machine Co., South Coventry, Conn.
Kingsdale Lbr. Corp., Lumberton, N. C.
Kingsford Foundry & Machine Works, engines, boilers & pumps, Oswego, N. Y.
Kingsley, E. B., shoe pegs, Salisbury Center, N. Y.
Kingsley Chas. E., contractor, St. Joseph, Mich.
Kingsley, George S., architect, 109 N. Dearborn, Chicago, Ill.
Kingsley, H. B., lubricating oils, 325 St. Clair av, N. W., Cleveland, Ohio.
Kingsley Paper Co., 321 St. Clair av, N. W., Cleveland, Ohio.
Kingsley, W. M., architect, Syracuse, Ind.
Kingsley & Wescott, contractors, Scranton, Pa.
Kingsport Brick Corp., Kingsport, Tenn.
Kingsley, L. J., Co., whol. hdwe., Binghamton, N. Y.
Kingsley & Maxwell, contractors, Yonkers, N. Y.
Kingston & Campbell, contrs., Poughkeepsie, N. Y.
Kingston Fdry. Co., Kingston, N. Y.
Kingston Granite Tub Wks., artificial stone laundry tubs, Kingston, N. Y.
Kingston, J. B., & Co., flour mills, Shelbyville, Tenn.
Kingston, Jno., soap, 300 N. Beacon, Boston, Mass.
Kingston, John P., & Son, architects, 518 Main, Worcester, Mass.
Kingston Knitting Co., sweaters, etc., 37 Kingston, Boston, Mass.
Kinkston Machine & Fdry. Co., 82 Prince, Kingston, N. Y.
Kingston Milling Co., flour & corn, Kingston, Ark.
Kingston Ship Bldg. Co., Kingston, N. Y.
Kingston Spoke Mfg. Co., Kingston, Ark.
Kingston's, Paper Co., Inc., Little Falls, N. Y.
Kingsville Lumber Co., Kingsville, Tex.
Kingwell, L., brass & bronze castings, 450 Natona, San Francisco, Cal.
Kinkead Mfg. Co., apparatus for aligning & leveling shafting, 45 High, Boston, Mass.
Kinkel's, P. H., Sons, miners feldspar, Bedford, N. Y.
Kinkerter & Sheppard Co., mill & facty. supplies, 4669 Frankford, Philadelphia, Pa.
Kinnard & Sons Mfg. Co., kerosene tractors, 44th av, N. & Bryant, Minneapolis, Minn.
Kinne, Linn, architect, Mayro Bldg., Utica, N. Y.
Kinne Mfg. Co., stoves, 1401 Central av, Minneapolis, Minn.
Kinne, W. A., fndrs., New Britain, Conn.
KINNEAR MFG. CO. (THE), fireproofing & steel rolling doors & shutters, 716-766 Field av., Columbus, Ohio.
See adv. index at end of book.
Kinney, A. C., contractor, Norwalk, Ohio.
Kinney, F., tubular boilers, Oakdale, Pa.
Kinney Lumber Co., Orrville, Ohio.
Kinney Mfg. Co., road oiler, tar pumps, 3529 Washington, Boston, Mass.
Kinney, Myron, & Son, masons & bldrs.' matls., Putnam, Conn.
Kinney, R. W., Co., plumbers' supplies, jobbers, San Francisco, Cal.
Kinney-Rome Co., spring beds, 3617 S. Racine av, Chicago, Ill.
Kinnison Bros., steam fitters' supplies, Dallas, Tex.
Kinockton Apparatus Corp., moving picture machines, Bridgeton, N. J.
Kinsella Varnish Co., Springfield, Ill.
Kinsella, Walter A., Co., tennis rackets, 304 Madison av, New York.
Kinser B. M., contr., Eustis, Fla.
Kinsey, E. A., Co., contrs. tools, mill & facty. supplies, 331 W. 4th, Cincinnati, Ohio.
Kinsey, Howard P., cornices, Easton, Pa.
Kinsey & Johnson, paint mfrs.' color cards, 230 Pearl, Cincinnati, Ohio.
Kinsey & Mahler Co., machsts. & fndrs., mill, facty. & plumbers' supplies, Peoria, Ill.
Kinsey, Wm. A., steel structural wk., 192 Market, Newark, N. J.
Kinsila, Ed. B., architect, 41 W. 27th, New York.
Kinsler-Bennett Co., universal joints, Hartford, Conn.
Kinsley, John R., fndrs., 115 E. 6th, Cincinnati, Ohio.
Kinsman & Wagner, carriages, Calumet, Mich.
Kinston Iron & Mantel Wks., sashes, doors, blinds, etc., Kinston, N. C.
Kinter, F. D., masons' & bldrs.' matls., Athens, Pa.
Kintz, P. C., & Sons, contractors, Terre Haute, Ind.
Kinum, Henry, contractor, Schenectady, N. Y.
Kinyon, E. H., masons' & bldrs.' matls., Quincy, Mich.
Kinyon, Willis, machst., Amber, N. Y.
Kinzel Lbr. Co., Merrill, Wis.
Kinzelberg Benj., architect, 1819 2nd av, New York.
Kinzie, T. D., canned goods, Troutville, Va.
Kinzig Tool Co., dies, etc., 1239 W. 3rd, Cleveland, O.
Kiorboe Vilhelm, architect, 280 Madison av, New York
Kipp, A. B., & Co., masons' & bldrs.' matls., Minonk, Ill.
Kipp, B. A., & Co., lumber, 818 W. 6th, Cincinnati, Ohio.
Kipp Engine Works, machinists, Ossining, N. Y.
Kipp, John, contractor, Lorain, Ohio.
Kipp, Ralph P., freight elevators, Ossining, N. Y.
Kipp, S. C., Jr., & Son, damper & pressure regulators, Ossining, N. Y.
Kipp, W. A., fndr., Bronson, Mich.
Kirby-Bonner Lbr. Co., Chicago, Ill.
Kirby Canning Co., Trappe, Md.
Kirby, Clement S., architect, Baker Block, Erie, Pa.
Kirby, Clement, S., architect, 757 E. 6th, Erie, Pa.
Kirby, Edgar L., architect, 169 W. Tremont av, New York.
Kirby, Edmund B., metallurgical engrs., Security Bldg., St. Louis, Mo.
Kirby, G. J., Co., optical goods, Willimantic, Conn.
Kirby & Gallop, canned goods, Oxford, Md.
Kirby, Geo., Jr., Paint Co., Gloucester & New Bedford, Mass.
Kirby Lumber Co., Houston, Tex.
Kirby Mfg. Co., toys, Middletown, Conn.
Kirby & Naber, cornices & skylights, Springfield, Mo.
Kirby Planing Mill Co., Thomasville, Ga.
Kirby, Thos. H., & Sons, ship bldrs., St. Michaels, Md.
Kirby, Walter B., architect, 527 5th av, New York.
Kirby-Wood Lumber Co., Muncie, Ind.
Kirchberger, M., & Co., glass shades, gas burner tips, 116 E. 27th, New York.
Kirchheimer Bros. Co., paper bags, 433 W. Ohio, Chicago, Ill.
Kirchhof, Frank, Lumber Co., contractor, 7th & Lawrence, Denver, Colo.
Kirchhoff Piano Co., 250 E. 139th, New York.
Kirchner Constr. Co., 221 W. 9th, Cincinnati, Ohio.
Kirchner, H. Wm., architect, 722 Chestnut, St. Louis, Mo.
Kirchner Iron & Wire Co., 1149 Norwood rd, Cleveland, O.
Kirchoff, A. G. J., contractor, New Rochelle, N. Y.
Kirchoff Bros., masons & bldrs.' matls., Hampshire, Ill.
Kirchoff & Rose, architects, Majestic Bldg., Milwaukee, Wis.
Kirjham & Parlett, architects, 25 Harrison av, Springfield, Mass.
Kirk, Bimpson, steam & hot water htg. contr., 441 W. 50th, New York.
Kirk, C. H., architect, Montana Club, Helena, Mont.
Kirk Cogeshall Co., label mfrs., 1740 Huron, Milwaukee, Wis.
Kirk, E. W., Soap Cleanser Co., glycerine, Edina, Mo.
Kirk, Geo. H., htg. contrs., 6711 Wentworth av, Chicago, Ill.
Kirk, Halbicht, Co., skylight ventilating apparatus, 108 S. Calvert, Baltimore, Md.
Kirk, Harry D., inks, mucilage mfr., 2316 W. Harrison, Chicago, Ill.
Kirk, Hutton & Co., whol. hdwe., New Castle, Pa.
Kirk, J. B., mach. & fndr., The Dalles, Ore.
Kirk, Jas. S., & Co., glycerine, soaps, etc., 1232 W. North av, Chicago, Ill.
Kirk, John P., ship bldr., Toms River, N. J.
Kirk, Joseph H., Co., barrels, 725 W. 31st, Chicago, Ill.
Kirk-Latty Mfg. Co., bolt, nut, rivet, etc., imp., 1871 W. 85th, Cleveland, Ohio.

Kirk, Sam'l, & Son Co., silver nov., 108 E. Baltimore, Baltimore, Md.
Kirk Supply Co., mill & facty. supplies, Farmers' Bk. Bldg., Ptg., Pa.
Kirk, W. J., architect, 2nd Nat'l Bk. Bldg., Akron, Ohio.
Kirk, W. P., Co., cornices, Bridgeport, Conn.
Kirk, Walter R., chemicals & glycerine, 327 S. La Salle, Chicago, Ill.
Kirk & Blum Mfg. Co., dust collectors, sheet metal specialties, etc., 2850 Springgrove av, Cincinnati, Ohio.
Kirker, L. C., & Son, contractors, Beaver Falls, Pa.
Kirkland, F. W., architect, Rome, N. Y.
Kirklin Clay Mfg. Co., brick, Kirklin, Ind.
Kirkman Engng. Corp., talking mach. spec., 484 Broome, New York.
Kirkman Engng. Corp., elec. fuses, 237 Lafayette, New York.
Kirkman & Son, soap & soap powders, etc., 215 Water, Brooklyn, N. Y.
Kirkpatrick Bros., stone prod., Hancock, N. Y.
Kirkpatrick Christian M., contractor, Greenfield, Ind.
Kirkpatrick Hardware Co., Atlanta, Ga.
Kirkpatrick, J. O., & Sons, masons & bldrs.' matls., Nashville, Tenn.
Kirkpatrick Lumber Co. (Ltd.), Glenmora, La.
Kirkpatrick Mfg. Co., see Hitchner Wall Paper Co. (successors).
Kirkpatrick Norton, architect, Gluck Bldg., Niagara Falls, N. Y.
Kirkpatrick Sand & Cement Co., Birmingham, Ala.
Kirkpatrick, W. J., masons & bldrs.' matls., Battle Creek, Mich.
Kirkup, Robt., & Co., brass fndrs., 616 Lodge, Cincinnati, Ohio.
Kirkwood Wind Engine Co., machsts. & fndrs., Arkansas City, Kans.
Kirn, G. C. Adv. Sign Co., elec., 1303 Pine, St. Louis, Mo.
Kirn, M. L., & Bro., fndrs., 2135 N. Lawrence, Philadelphia, Pa.
Kirner, Philip, contrs., St. Marys, Pa.
Kirsch, Jacob Co., cornices & skylights, 3234 Penn av, Pittsburgh, Pa.
Kirsch, K., cornice & sheet metal work, 1619 N. Claremont av, Chicago, Ill.
Kirsch Mfg. Co., curtain rods, Sturgis, Mich.
Kirsch, Peter, sashes, doors & blinds, Decatur, Ind.
Kirsch, Robt. G., architect, 4068 Magnolia pl, St. Louis, Mo.
Kirsch, Sellemeyer, & Sons Co., masons & bldrs.' matls., Decatur, Ind.
Kirschbraun, Lester, testing engineer, 160 N. Wells, Chicago, Ill.
Kirschke, Oscar R., architect, Grand Island, Nebraska.
Kirschner Bros., contractors, Erie, Pa.
Kirsh, Frank W., cornices & skylights, Everett, Wash.
Kirst, J. Wilfred, architect, 12 N. Broadway, Yonkers, N. Y.
Kirstein, E., Sons Co., optical goods, Rochester, N. Y.
Kirstin, A. J., Co., stump pullers, Escanaba, Mich.
Kirtland Bros., & Co., safety razors mfrs., 96 Chambers, New York.
Kirtland, W. H., slate slabs, stairs, threads, etc., 1123 B'way, New York.
Kirwan Bros., lumber mfrs., Fulton & Adams, Louisville, Ky.
Kirwan Constr. Co., H Munsey Bldg., Baltimore, Md.
Kirwan, J. E., Co., canned goods, Atlantic Wharf, Baltimore, Md.
Kirwan, Wm. T. A., & Son, cornices, Barney & Westphal, Baltimore, Md.
Kirwin Bros., contractors, Newport, R. I.
Kiskiments Coal Co., bituminous, Blairsville, Pa.
Kisner, John M., & Bro., Lumber Co., Fairmont, W. Va.
Kissam, Henry Snyder, decorative architect, 25 Madison av, New York.
Kissel Motor Car Co., Hartford, Wis.
Kisselstein, Will, willow ware mfrs., R. D. No. 3 Central Square, New York.
Kissinger's, Benj., Sons, brick, York, Pa.
Kissinger's, Jacob, Sons, machsts., 75 Fulton, New York.
Kissner, R. D., masons & bldrs.' matls., Delaware, Ohio.
Kister, F. L., Jr., lumber, Bowling Green, Ky.
Kistler, Lesh & Co., leather belting butts, 332 Sumner, Boston, Mass.
Kistler & Steppstedt, machsts. & fndrs., Odebolt, Ia.
Kistler, W. H., Stationery Co., Denver, Colo.
Kistner, Geo. C., contractor, Elkhart, Ind.
Kistner, Theodore C., architect, Amer. Nat'l Bk. Bldg., San Diego, Cal.
Kitchell, Bruce P., architect, 207 Market, Newark, N. J.
Kitchen Specialty Mfg. Co., pot covers, Reading, Pa.
Kitfield, Edw. H., mill engrs., 85 Waters, Boston, Mass.
Kitko, Chas., cornices, 2923 Olive, St. Louis, Mo.
Kitner, F. H., common brick, Woodson, Ill.
Kitselman Bros., fence machines, metal fence posts, etc., Muncie, Ind.
Kitson Hydro-Carbon Htg. & Incandescent Lighting Co., cocks & machsts. & fndrs., 2819 Oakford, Philadelphia, Pa.
Kittanning Brick & Fire Clay Co., common, Empire Bldg., Pittsburgh, Pa.
Kittanning Clay Mfg. Co., brick, Kittanning, Pa.
Kittanning Clay Products Co., brick, Bradford, Pa.
Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.
Kittinger Furniture Co., portables, 1893 Elmwood av, Buffalo, N. Y.
Kittinger & Stock, sash, door & blind mfrs., Canal Fulton, Ohio.
Kittitas Lumber Co., Ellensburg, Wash.
Kittle, H. M., & Co., trunk mfrs., 197 Jefferson av, Detroit, Mich.
Kittoe Boiler & Tank Co., Inc., Canton, Ohio.
Kittredge Quarries, Milford, N. H.
Kittredge, R. J., & Co., label mfrs., 812 W. Superior, Chicago, Ill.
Kittredge-Waters Supply Co., Ltd., mill & facty. supplies, 422 Common, New Orleans, La.
Kitts Mfg. Co., steam specialties—regulators, taps, etc., Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Kitz, Joseph, brewers' pitch & shellac, 333 Jefferson, Hoboken, N. J.
Kitzelman & Dilley Co., cornices, 5918 Lowe av, Chicago, Ill.
Kivette, W. R., lbr., La Grande, Ore.
K. & K. Brick Co., Los Angeles, Cal.
Klaas, Max, shears, knives, etc., 108 Fulton, New York.
Klaber, A., & Son, plumbers' marble wks., 211 Vernon av, Long Island City, N. Y.
Klaber, Eugene H., architect, 101 Park av, New York.
Klaber, S., & Co., brass fndrs., Carlstadt, N. J.
Klaber, S. & Co., bronze fndrs., 21 W. 39th, New York.
Klafter, David Saul, architect, 64 W. Randolph, Chicago, Ill.
Klaine, F. A., Co., stove mfrs., Front & Central, Cincinnati, Ohio.
Klamer-Goebel Furn. Co., Dept. H, Evansville Ind.
Klamer, O. A., Furn. Co., Dept. H, Evansville, Ind.
Klamiter, Frederick C., architect, 2077 Fairmont av, St. Paul, Minn.
Klant, Edward A., architect, 304 S. Wabash av, Chicago, Ill.
Klappert's, C. W., Sons, contractors, 328 E. 25th, New York.
Klapproth, Wm. C., architect, Oshkosh, Wis.
Klarer Provision Co., meat packers, Louisville, Ky.
Klarquist, S. M., & Son, contractors, Security Bk. Bldg., Minneapolis, Minn.
Klatt, W. C., & Sons, lumber mfrs., Goldendale, Wash.
Klauberg, C., & Bros., razors mfrs., Woolworth Bldg., New York.
Klauder-Weldon Dyeing Mach. Co., machsts. & fndrs, Yardley, Pa.
Klauer Mfg. Co., metal ceilings, etc., Dubuque, Ia.
Klauner, Hugo, willow furniture, Berkeley, Cal.
Klaus & Baxter, contractors, 1745 S. Conestoga, Phila., Pa.
Klaus & Co., machsts., 541 Ferry, Newark, N. J.
Klause, Chas., fndrs., 460 N. 12th, Philadelphia, Pa.
Klause, Jos. P., elec. light fix. mfrs., 11th & Ridge, Phila., Pa.
Klausmann, Henry W., contractor, 35 W. 36th, Indianapolis, Ind.
Klaxon Co., fire alarms, 194 Wright, Newark, N. J.
Klean-Wel Mfg. Co., wall paper cleaner, soaps, & cleaning specialties, Superior Viaduct, Cleveland, Ohio.
Kleban, Louis E., contractor, 1714 Crotona Park E., New York.
Klebansky, Wolf, bristles, horse hair, 246 S. 3d, Phila., Pa.
Kleber Piano Co., 237 5th av., Pittsburgh, Pa.
Kleber Truck Co., 2308 Josephine, Pittsburgh, Pa.
Kleck, J. W., mattresses, San Antonio, Tex.
Klee-Thomson Co., archl. decorators, 327 E. 40th, New York.
Kleeb Lumber Co., South Bend, Wash.
Kleeman, August M., architect, 735 Springfield av, Irvington, N. J.
Kleeman, Emil H., architect, 23 22nd, Irvington, N. J.
Kleeman, L. F., Mfg. Co., archl. & orna. Iron, 1923 Central, Kansas City, Mo.
Kleeman, Wm., & Co., interior hardwood work (mfrs. & erectors), 101 Park av, New York.
Kleemann, Otto, architect, 155 E. 14th, Portland, Ore.
Klehm, John & Sons, landscape archs, 428 Jefferson, Milwaukee, Wis.
Kleiber & Co., automobile bldrs., 1426 Folsom, San Francisco, Cal.
Klein, A., cornices & skylights, 383 E. 34th, New York.
Klein Bros., bamboo furniture, Paynstar av, Long Island City, N. Y.
Klein Bros., Co., contractors, Dallas, Tex.
Klein Bros. Packing Co., meat packers, Presto, Pa.
Klein, C. H., Brick Co., Chaska, Minn.
Klein & Cohn, scrap iron, rubber, 518 Hannibal, Cincinnati, O.
Klein Edward A., architect, 112 E. 19th, New York.
Klein, Ernest, & Bro., ground connect. clamps, 44 Fulton, New York.
Klein, Fred, cornices & skylights, Findlay, Ohio.
Klein, Fred J., architect, 331 Main, Peoria, Ill.
Klein, J. B., Iron Fdry. Co., Oklahoma, Okla.
Klein-Logan Co., stone axes & railroad supplies, 13th & Breed, Pittsburgh, Pa.
Klein, Max, bags & bagging, 38 Park Row, New York.
Klein Mfg. Co., rfg. cements, Am. Trust Bldg., Cleveland, Ohio.
Klein, Mathias, & Sons, guy anchors, seats & expansion bolts, etc., 3200 Belmont av., Chicago, Ill.
Klein, Murray, architect, 116 Grove, Brooklyn, N. Y.
Klein, Nathan, & Co., machy. dlrs., 208 Center, New York.
Klein, Oscar, paper, Clinton, Ia.
Klein, Paul, masons' & bldrs.' matls., Iola, Kan.
Klein, Wm. J., architect, 111 W. Washington, Chicago, Ill.
Kleine & Daumeyer, carriages, 14 W. 12th, Cincinnati, Ohio.
Kleine, Geo., films, 63 E. Adams, Chicago, Ill.
Kleine Optical Co., moving picture machs., 207 S. Wabash av, Chicago, Ill.
Kleine, Wm. E., & Co., whol. hdwe., 120 W. B'way, New York.
Kleinert, Albert E., contractor, 316 Flatbush av, Bklyn, N. Y.
Kleinert, I. B., Rubber Co., rubber bath curtains & rubber goods, 725 Broadway, New York.
Kleinhammer, H., architect, Plattville, Wis.
KLEINHANS, H., CO., machy. dlrs., railroad equipments, Union Arcade, Pittsburgh, Pa. *See adv. index at end of book.*
Kleinhenz, J. G., architect, 1839 E. 12th, Brooklyn, N. Y.
Kleinke, Aug., contractor, West Hoboken, N. J.
Kleinman, R. F., wrought iron pipe couplings, 4508 n. 8th, Philadelphia, Pa.
Kleinpell, W. E., architect, 618 Aldama ter, Los Angeles, Cal.
Kleinschmidt Elec. Co., tele. instruments, 36 Flatbush av, Brooklyn, N. Y.
Klemann & Fowler, architects, First Nat'l Bk. Bldg., Trenton, N. J.
Klemann, Wm. A., architect, First Nat'l Bank Bldg., Trenton, N. J.
Klemm & Co., lamps, shades, etc., 132 N. 5th, Philadelphia, Pa.
Klemm, E. R., auto bldrs., 1447 W. Austin av, Chicago, Ill.
Klemint, M. O., architect, 730H Broad, Newark, N. J.
Klemp, H. W., Furn. Co., Dept. H, Leavenworth, Kans.
Klenk, August, billiard & pool tables, 483 Alfred, Detroit, Mich.
Klenk, Martin, carriages, Sandusky, Ohio.
Klenke, F. J., Co., plbr's. traps, & brass tubing, Sharon bldg., San Francisco, Cal.
Kleno Mfg. Co., soap, North Weymouth, Mass.
Klenzendorf, Geo., architect, 121 Wisconsin, Milwaukee, Wis.
Klepach, John, contractor, Cedar Rapids, Ia.
Kierner, Peter, Furn. Co., Dept. H, Albany, Ind.
Klesius, Geo. A., cornices, 609 12th, Altoona, Pa.
Klett, Jacob, & Sons, lumber mfrs., Ft. Wayne, Ind.
Klett, H. G., machsts., 1883 Park av, New York.
Kletting, R. K. A., architect, Felt Bldg., Salt Lake City, Utah.
Klewer, Arthur, architect, 4507 Dover, Chicago, Ill.
Kleymeyer-Klute Brick & Tile Wks., Henderson, Ky.
Klicka, Jos., Co., mouldings, W. 20th & S. California av, Chicago, Ill.
Klieves Lumber Co., sash, door & blind, Wheeling, W. Va.
Klimpl Medal Co., emblems & pins, 14 John, New York.
Klinck Bros., meat packers, 588 Howard, Buffalo, N. Y.
Klinck, C., Packing Co., meat, 50 Depot, Buffalo, N. Y.
Klincke, Wm. C., contractor, 1715 W. Venango, Philadelphia, Pa.

Klindt, Geiger Canning Co., Cassville, Wis.
Kline Car Corp., Richmond, Va.
Kline & Co., machinists & founders, Reading, Pa.
Kline & Co., masons' & bldrs.' matls., & whol. hdwe., Williamsport, Pa.
Kline, D. Milton, brick, Reading, Pa.
Kline, Dan'l M., contractor, Wilkes-Barre, Pa.
Kline, Mrs. Eliz., flour mills, Brookville, Pa.
Kline Hdwe. Co., machsts. & fndrs., Allentown, Pa.
Kline, Geo. W., architect, Butler, Pa.
Kline, Jas. M., hydraulic rams, Beavertown, Pa.
Kline, John, Brick Co., Wickliffe, Ohio.
Kline Kar Corp., auto. builders, Richmond, Va.
Kline, Lewis T., mill, machsts. & facty. supplies, etc., Alpena, Mich.
Kline Lumber & Constr. Co., New Castle, Pa.
Kline, M. L., Co., mill, facty., plumbers' & steam fitters' supplies, 84 Front, Portland, Ore.
Kling Bros. Engng. Wks., drilling, punching & shearing machs., etc., 1300 N. Kastner av., Chicago, Ill.
Kling Co., contrs., 1605 E. 15th, Los Angeles, Cal.
Kling Mfg. Co., fly nets, 2425 Fond du Lac av, Milwaukee, Wis.
Kling & Zenk, architects, Davis blk, Youngstown, Ohio.
Klingberg, W., & Son, contractors, 50 Church, New York.
Klingensmith, A., architect, Merchant's Nat'l Bk. Bldg., Fort Smith, Ark.
Klingensmith, H. A., & Son, masons' & bldrs.' matls., New Kensington, Pa.
Klingler, H. J., & Co., buckwheat flour, Butler, Pa.
Klinkart, A. J., architect, Hagerstown, Md.
Klintz, A., & Co., elec. signs, 905 W. Randolph, Chicago, Ill.
Klipfel Mfg. Co., machinists, 2651 W. Harrison, Chicago, Ill.
Klip-Klip Co., nail clippers, Rochester, N. Y.
Klipper Mfg. Co., machsts. & fndrs., Beaver Dam, Wis.
Klipstein, A., & Co., chemicals, 644 Greenwich, New York.
Klipstein & Rathmann, architects, Chemical Bldg., St. Louis, Mo.
Klipstine, Wm., Lumber Co., Sidney, Ohio.
Klise Mfg. Co., carved mouldings, Grand Rapids, Mich.
Klitz & Koisgaard, contrs., Dwight, Ill.
Kloak Bros. & Co., store fixtures, 12 E. 3rd, Cincinnati, Ohio.
Klock, A. B., machinist, Herkimer, N. Y.
Kloepfer, Fred., architect, Healey Bldg., Atlanta, Ga.
Kloes, F. J., window shades, 243 Canal, New York.
Klondike Incubator Co., Des Moines, Ia.
Klopfer, Fred'k, carriages, Muncie, Ind.
Klopp, John F., contractor, Ellicott sq, Buffalo, N. Y.
Klopping, A. C., stampings, etc., Toledo, Ohio.
Klose, A., semi-continuous kilns, 277 Hawthorn av, Portland, Ore.
Klose, C., & Co., brick, Aurora, Neb.
Klose, J. Chas., landscape architect, West Hoboken, N. J.
Klostermeier Bros. Hardware Co., Atchison, Kan.
Klostermeier, Louis, brick, Boonville, Ind.
Klotz, A., concrete floors & arches & flue linings, 2517 Washington av, New York.
Klotz, E. L., masons' & bldrs.' matls., Little Falls, N. J.
Klotz Machine Co., wood working machy., Sandusky, Ohio.
Klubertanz Bros. Co., cornices, 889 23d, Milwaukee, Wis.
Kluegel, T. J., Carriage & Wagon Mfg. Co., 827 S. B'way, St. Louis, Mo.
Klufkee, H. E., Saddlery Co., hdwe. mfrs., 109 N. 3d, Phila., Pa.
Kluge, E. H., Weav'g Co., labels, 33 W. 34th, New York.
Kluin, E., & Sons, machsts. & brass fndrs., Elizabeth, N. J.
Klumpp's, Jno. G., Sons, bowling alley bldrs., etc., 13 Baxter, New York.
Klung, H. G., architect, 16 S. Virgil av, Los Angeles, Cal.
Klunk, Wm. J., contractor, Hanover, Pa.
Klutho, H. J., architect, St. James Bldg., Jacksonville, Fla.
Klutho, Victor J., architect, Syndicate Tr. Bldg., St. Louis, Mo.
Kluyskens, G. J., autos, 220 B'way, New York.
Klyce, H. A., contractors, 72H New Montgomery, San Francisco, Cal.
K. & M. Brass & Aluminum Co., castings, Harvard & E. 108th, Cleveland, Ohio.
Knabb, A. & Co., cooperage stock, Warren, Pa.
Knabb, L., turpentine, Moniac, Ga.
Knape, E. P., machsts. & fndrs., Twin Falls, Idaho.
Knape & Vogt Mfg. Co., Grand Rapids, Mich.
Knapheide, Hy., Wagon Co., Quincy, Ill.
Knapp, Arthur P., arch'l iron, Lowell, Mass.
Knapp Bros. Mfg. Co., metal studs, grounds, concrete inserts, etc., 2419H E. 14th, Chicago, Ill.
Knapp & Bosworth, architects, 15 S. Franklin, Wilkes-Barre, Pa.
Knapp, C. H., machinist, Paterson, N. J.
Knapp Co., desk calendars, 52 E. 19th, New York.
Knapp, E. J., & Co., paint, Belding, Mich.
Knapp, Edw. J., Candle Co., Syracuse, N. Y.
Knapp Elec. & Nov. Co., elec. portable fans, 509 W. 51st, New York.
Knapp, Fred H., Co., labeling mach. mfrs., Lexington bldg., Baltimore, Md.
Knapp, Gardner & Co., machsts. & fndrs., 62 Sudbury, Boston, Mass.
Knapp, Geo. E., lbr., Tilton, N. H.
Knapp, Geo. S., mfrs. paper boxes, Bridgeport, Conn.
Knapp, Herbert E., architect, Waterville, Me.
Knapp, Homer, contractor, Rochester, N. Y.
Knapp, Horace Greeley, architect, 235 Fulton, New York.
Knapp, Jacob, willow ware mfrs., 133 Brow, Liverpool, N. Y.
Knapp, John, & Sons, Foundry Co., Akron, Ohio.
Knapp Mfg. Co., dust pans, regulating sockets, tack molds, etc., 48 Warren, New York.
Knapp Mfg. & Supply Co., brass trays, lamps, oilers, torches, etc., 241 Water, New York.
Knapp, O. H. P., cornices & skylights, Emporia, Kan.
Knapp, O. P., & Son, carriages, Aurora, Ill.
Knapp & Ronneberger, machsts. & fndrs., Anacortes, Wash.
Knapp Rubber Bind'g Co., stair nos'g & carpet bind'g, 31 E. 17th, New York.
Knapp & Spencer Co., whol. hdwe., Sioux City, Ia.
Knapp Supply Co., mill, facty. & plumbers' supplies, Union City, Ind.
Knappe, I. Jay, archit., Griffith, McKenzie bldg., Fresno, Cal.
Knappmann, Wm., & Co., chalk & whit'g mfrs., Grand, Brooklyn, N. Y.
Knappton Mills & Lumber Co., Knappton, Wash.
Knauer, Newton W., contractor, Atlantic City, N. J.
Knaur & Howe, machsts. & fndrs., Denison, Tex.
Knaur, W. E., machst. & fndr., Denison, Tex.

Knauth Bros., surgical & dental instruments, 220 4th av, New York.
Kneass, Geo. W., motor boat bldrs., 18th & Illinois, San Francisco, Cal.
Knecht, M., & Sons, machsts. & fndrs., West Salisbury, Pa.
Knecht Milling Co., flour, Mill Hall, Pa.
Knecht & Thomas Pump Co., Union City, Ind.
Kneedler & Co., awning stripes, tickings, Eadom & Kennedy, Philadelphia, Pa.
Kneeland-Bigelow Co., lbr. mfrs., Bay City, Mich.
Kneeland-McClurg Lumber Co., Phillips, Wis.
Kneeskern, J. H., & Sons, sash, door & blind mfrs., St. Johnsville, N. Y.
Kneezel, Edward, architect, State Nat'l Bk. Bldg., El Paso, Tex.
Knell, W. W. & H. H., furniture, 229H S. 54th, Phila., Pa.
Knelling, A., architect, Union Trust Bldg., San Francisco, Cal.
Knepper, Jno. H., & Son, heating contractors, 501 Washington, Buffalo, N. Y.
Knerr, H. E., contractor, Stimson Bldg., Los Angeles, Cal.
Knetzger, Chas., Lbr. Co., Peoria, Ill.
Knibbs, Benj. R., mason contrs., Unionville, Conn.
Knickerbocker Annunciator Co., 116 West, New York.
Knickerbocker Bag Co., second-hand bags, 7 Front, New York.
Knickerbocker Case Co., sample cases, traveling bags & suit cases, Fulton & Clinton, Chicago, Ill. *See adv. index at end of book.*
Knickerbocker Chandelier & Elect'l Supply Co., gas light fixture mfrs., 325 W. 42d, New York.
Knickerbocker Co., dust collectors & concrete mixers, cor. Park & Liberty, Jackson, Mich.
Knickerbocker Elec. Co., annunciators & elev. indicators, 116 West, New York.
Knickerbocker Elev. Gate Co., automatic, 116 West, New York.
Knickerbocker Lthr. & Nov. Co., advtg. nov. & spec., 79 5th av, New York.
Knickerbocker Lime Co., 364 N. 24th, Philadelphia, Pa.
Knickerbocker Mach. Works., machsts. & fndrs., 161 Perry, New York.
Knickerbocker Mfg. Co., hrwe. mfrs., Belleville, N. J.
Knickerbocker Metallic Bed Co., machinists, Bayonne, N. J.
Knickerbocker Paint Co., mfrs., 185 Madison av, New York.
Knickerbocker Portland Cement Company, Inc., 30 E. 42nd, New York.
Knickerbocker Silver Co., Port Jervis, N. Y.
Knickerbocker Slate Corp., slate, 153 E. 38th, New York.
Knickerbocker Supply Co., mill & factory supplies, 149 Church, New York.
Knickerbocker Valve Co., heat generators, Oneida, N. Y.
Knickerbocker Watch Co., Woolworth Bldg., New York.
Knight, A. C., contr., Albany, Ga.
Knight, Arthur J., lbr., Dublin, N. H.
Knight-Brinckerhoff Piano Co., Brazil, Ind
Knight Bros., brass castings, Portland, Me.
Knight & Co., machinists, Sutter Creek, Cal.
Knight Co., screw products, David Whitney bldg., Detroit, Mich.
Knight & De Micco, contractors, 2353 Washington av, New York.
Knight, Eugene H., architect, 1607 Empire Bldg., Birmingham, Ala.
Knight, F. C., & Co., architects instruments & supplies, 400 Locust, Philadelphia, Pa.
Knight, Geo. C., machsts., Woonsocket, R. I.
Knight, Geo., & Co., machsts. & fndrs., Brockton, Mass.
Knight, H. W., & Sons, metal numbers & letters, Seneca Falls, N. Y.
Knight Iron & Metal Co., scrap metal merchts., 27th to 28th, & 1st av, Birmingham, Ala.
Knight, J. T. & Son, scrap metal merchants, Columbus, Ga.
Knight & Jilson Co., water heaters, Indianapolis, Ind.
Knight Light & Soda Fountain Co., 351 W. Chicago, av, Chicago, Ill.
Knight Mfg. Co., saw mill machy., Canton, Ohio.
Knight, Maurice A., acid & chem. stoneware, Akron, Ohio.
Knight, Maurice L., stone producers, 1025 W. Mulberry, Baltimore, Md.
Knight Packing Co., canned goods, Portland, Ore.
Knight, Quayle & Gamper, architects, 306 S. Main, Akron, Ohio.
Knight, R. W. B., brass pipe fittings, 169 Dorrance, Providence, R. I.
Knight & Thomas, fire extinguishers, etc., 212 Summer, Boston, Mass.
Knight Tire & Rubber Co., Canton, Ohio.
Knight, W. B., Machinery Co., 3920 W. Pine Blvd., St. Louis, Mo.
Knight, W. E., contractor, Decatur, Ill.
Knight & Wall Co., whol. hdwe., masons & bldrs.' matls. & mill & facty. supplies, Tampa, Fla.
Knight Woolen Mills, Provo, Utah.
Knightley Milling Co., flour mills, Fort Defiance, Va.
Knighton, W. C., architect, Tilford Bldg., Portland, Ore.
Knights, W. R., htg. contrs., 1224 E. Lake, Minneapolis, Minn.
Knightstown Buggy Co., carriages, Knightstown, Ind.
Knightstown Conserve Co., Knightstown, Ind.
Knipp, J. C., & Sons, furniture, 218H Clay, Baltimore, Md.
Knisely Bros., cornices, fireproof windows & metallic window frames, 2799 S. 5th av, Chicago, Ill.
Knisely, H. C., Co., cornices & fireproof sashes & windows, 1908 S. Western av, Chicago, Ill.
Knit Goods Mfg. Co., sweaters, cardigans, etc., 196 Palmeto, Brooklyn, N. Y.
Knit Goods Specialty Co., mantle knittings machy., Chicopee Falls, Mass.
Knitted Padding Co., Canton Junction, Mass.
Knittel, Jos., Show Case Co., Quincy, Ill.
Knoble Filter Co., 1587 Clybourn av, Chicago, Ill.
Knoblock & Kapper, contrs., Massillon, Ohio.
Knoburn Co., doors, window frames, etc.—metallic, Hoboken, N. J.
Knobview Canning Co., Knobview, Mo.
Knodle, B. C., cornices & skylights, De Kalb, Ill.
Knoedler, Fred J., tin plate, metals, etc., 68 N. 2d, Phila., Pa.
Knoek, L. S., & Co., whol. hdwe., 188 State, Hartford, Conn.
Knoell Bros., contractors, 1211 S. L., Tacoma, Wash.
Knoell, John, & Sons, refrigerators, 179 Jefferson, Phila., Pa.
Knoell Mfg. Co., advtg. spec., Tonawanda, N. Y.
Knoeller Elect. Co., light switches & rheostats, De Pere, Wis.
Knoeppel C. E. & Co., engnrs., 52 Vanderbilt av, New York
Knoff Mfg. Co., machinists, Mankato, Minn.

Knoke, O. E., lbr., Hatley, Wis.
Knoll A. H., architect, Hearst bldg., San Francisco, Cal.
Knoll, Carl A., & Son, contrs., 59 Sherman av, New Haven, Conn.
Knoll, J. H., washing machines (clothes), Reading, Pa.
Knoll, Janas L., Mfg. Co., clothes washing machines, Lebanon, Pa.
Knollenberg Milling Co., flour, Quincy, Ill.
Knopp, Otto, Lumber & Realty Co., 1217 Julia, New Orleans, La.
Knopel-Mappa Co., machists., Louisville, Ky.
Knopf, Chas., architect, 523 Springfield av, Newark, N. J.
Knopp, Bernard, contractor, 401 W. 41st, New York.
Knopp Bros. Co., contractors & masons & bldrs.' matls., Toledo, Ohio.
Knopp, Geo. A., architect, 111 W. Monroe, Chicago, Ill.
Knopp, John, contractor, Winona, Minn.
Knorr, Edwin B., & Bro., plate glass, 1817 Orthodox, Fkd., Phila., Pa.
Knott, E. R., Mach. Co., 32 Dorchester, Boston, Mass.
Knott & Harker Co., see Ideal Foundry & Machinery Co. (successors).
Knott, L. & Co., sash, door & blind mfrs., Cassadaga, N. Y.
Knott, L. E., Apparatus Co., scientific & chemical apparatus mfrs., 79 Amherst, Cambridge, Mass.
Knott Mfg. Co., plumbers' woodwork, Tell City, Ind.
Knott's, David N., Sons, second hand bags, 104 Callowhill, Philadelphia, Pa.
Knowlan Mach. & Supply Co., Victoria, Tex.
Knowles, A. E., carriages, North Chesterville, Me.
Knowles, Adam, machst., Woodstown, N. J.
Knowles, Edwin M., China Co., East Liverpool, Ohio.
Knowles, Harry P., architect, 21 W. 49th, New York.
Knowles-Lombard Co., canned goods, Guilford, Conn.
Knowles & Mathewson, contractors, Call Bldg., San Francisco, Cal.
Knowles, Morris, modernizing engrs., Oliver Bldg., Pittsburgh, Pa.
Knowles Mushroom Ventilator Co., 9 Church, New York.
Knowles & Peck, cornices, Rochester, N. Y.
Knowles Scale & Supply Co., mill & fcty. supplies, Lowell, Mass.
Knowles Scale Works, Lowell, Mass.
Knowles Steam Pump Wks., pumping machy., 115 B'way, New York.
Knowles, Taylor & Knowles Co., crockery, East Liverpool, Ohio.
Knowles W., architect, Hearst bldg., San Francisco, Cal.
Knowles, W. H., Foundry & Machine Co., machsts. & fndrs., Ottawa, Ill.
Knowles W. W., architect, Bridge Plaza, Long Island City, N. Y.
Knowles, Wm. H., & Co., mill & facty. supplies, New Bedford, Mass.
Knowles, Wm. W., architect, 35 W. 39th, New York.
Knowlson, A. B., Co., masons & bldrs.' matls., Grand Rapids, Mich.
Knowlson & Kelley Co., engineers, etc., Troy, N. Y.
Knowlton, A. T., Co., toasters, 99 Congress, Detroit, Mich.
Knowlton, B. E., lumber, Burnett, Wash.
Knowlton Bros., machsts. & fndrs., Camden, Me.
Knowlton Bros., paper & pulp mills, Watertown, N. Y.
Knowlton, Geo. W., Rubber Co., packing, 60 Pearl, Boston, Mass.
Knowlton, Harry B., carriages, North Chesterville, Me.
Knowlton, M. D., Co., paper box machinery, 26 Elizabeth, Rochester, N. Y.
Knowlton Mach. Co., Westbrook, Me.
Knowlton & Stone Co., masons & bldrs.' matls., Keene, N. H.
Knox, A. N., architect, Security bldg., Seattle, Wash.
Knox & Allen, metallurgical engineers, 17 Madison av, New York.
Knox, Arthur Howell, architect, 14 W. Washington, Chicago, Ill.
Knox, C. B., Co., glue mfrs., Johnstown, N. Y.
Knox & Elliott, architects, Rockefeller Bldg., Cleveland, Ohio.
Knox, Geo. S., Co., hand vacuum cleaners, Wilkinsburg, Pa.
Knox, J. E., & Co., rubber & cutting dies, Lynn, Mass.
Knox Lumber Co., Aitkin, Minn.; Cogdell, Ga.; Hemphill, Tex.
Knox & Maier Co., concrete roofing tile, Atlanta, Ga.
Knox Mfg. Co., hose clamps, couplings, cocks & valves, 821 Cherry, Phila., Pa.
Knox Metal Wheel Co., Knox, Ind.
Knox & Morse Co., shellac, 96 High, Boston, Mass.
Knox Motors Co., builders of "Knox" tractors, Springfield, Mass.
Knox Stove Works, Knoxville, Tenn.
Knox, Strouss & Bragdon, masons & bldrs.' matls., Juniata & Preble, Ptg., Pa.
Knox, W. E., masons' & bldrs.' matls., Wakefield, Mass.
Knox, W. & J., Net & Twine Co., Johnson & Barney, Baltimore, Md.
Knox Woolen Co., wood felts, etc., Camden, Me.
Knoxville Abbatoir Co., meat packers, Knoxville, Tenn.
Knoxville Brick Co., Knoxville, Tenn.
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Knoxville Furniture Co., wood mantels, Knoxville, Tenn.
Knoxville Glove Mfg. Co., Knoxville, Tenn.
Knoxville Iron Co., Knoxville, Tenn.
Knoxville Lumber & Mfg. Co., masons & bldrs.' matls., Knoxville, Tenn.
Knoxville Table & Chair Co., furniture, Dept. H, Knoxville, Tenn.
Knoxville Tinware Mfg. Co., Knoxville, Tenn.
Knoxville Veneer Co., Knoxville, Tenn.
Knubel, John H., architect, 305 W. 43d, New York.
Knudson, H. P., contractor, Waupaca, Wis.
Knudsen, Johan F., architect, 5122 Hutchinson, Chicago, Ill.
Knudson, Knud P., contrs., Kenosha, Wis.
Knudson & Mercer Lumber Co., 28 E. Jackson blvd, Chicago, Ill.
Knutzen Bros., lbr., Burlington, Wash.
Kny-Scheerer Co., surgical instrs. & X-ray app., 404 W. 27th, New York.
Koban Mfg. Co., rowboat motors, 241 S. Water, Milwaukee, Wis.
Koberlein Fred'k, machst. & fndr., 508 W. 24th, New York.
Kobert, H. G., contractor, 1212 McGee, Kansas City, Mo.
Koblitz-Kohn Co., scrap rubber, 2374 Canal rd, Cleveland, Ohio.
Kobmann, Chas., cornices, 1919 Central av, Cincinnati, Ohio.
Koch, A. D., architect, 120 Wisconsin, Milwaukee, Wis.
Koch, Alfred S., & Sons, machsts., Lancaster, Pa.
Koch, Ands., musical instruments (strings, etc.), 296 B'way, New York.
Koch Bros., fndrs., Harvey, Ill.
Koch Bros. Co., carriages, New Waterford, O.
Koch Butcher Supply Co., racks for cold storage rooms, 519 Wyandotte, Kansas City, Mo.
Koch, C. L., Co., masons & bldrs.' matls., Maumee, Ohio.
Koch, G. W., & Son, parquet floors, 537 W. 53d, New York.
Koch, E. B., contractor, 28 4th, E., Salt Lake City, Utah.
Koch, Edward A., & Co., cornices, 427 W. Front, Cincinnati, O.
Koch, F. A., & Co., surgical & veterinary instruments, cutlery mfrs., etc., 524 B'way, New York.
Koch, Geo. A., contractor, Reading, Pa.
Koch, Gustav, & Co., badges & emblems, stencils, etc., 120 S. Clark, Chicago, Ill.
Koch, H. C., & Son, architect, Wells Bldg., Milwaukee, Wis.
Koch, Henry A., architect, 722 Thrusch av, Peoria, Ill.
Koch, Hy., test indicators, Nyack, N. Y.
Koch, Rupert W., architect, Book bldg., Detroit & Ann Arbor, Mich.
Koch & Son Mfg. Co., bob sleds, St. Cloud, Minn.
Koch, Theo. B. & Son, contrs., Pottsville, Pa.
Koch, W. W., lbr., Wilmington, N. C.
Koch & Wagner, architects, 26 Court, Brooklyn, N. Y.
Kocher, A. L., architect, State College, Pa.
Kochler, J., architect, 806 W. 79th, Chicago, Ill.
Kochring Machine Co., concrete mixers, Milwaukee, Wis.
Kochtitzky, Otto, contr., Cape Girardeau, Mo.
K. & O. Co., cigar cutters & bottle openers, 366 Butler, Brooklyn, N. Y.
Kodak, Stephen J., architect, 34 Warburton av, Yonkers, N. Y.
Koebig, P. W., Estate, 116 Broad, New York.
Koechl, Otto R., architect, 15 E. 40th, New York.
Koegel, Chas., & Son, paper wire mill & coating mill, machinery mfrs., Holyoke, Mass.
Koehl, J. W., & Son, screens, 658 S. Anderson, Los Angeles, Cal.
Koehl, Wm., architect, Park Bldg., Cleveland, Ohio.
Koehler, A., Co., masons' & bldrs.' matls., Geneva, Neb.
Koehler Bros., 68 Court av, Memphis, Tenn.
Koehler Bros., machinists, Saginaw, Mich.
Koehler, F. A., contractor, Peru, Ill.
Koehler, F. D., htg. contrs., 560 Richard ter., New Brighton, N. Y.
Koehler, Fred., cornices, Hazleton, Pa.
Koehler, H. J., Motors Corp., automobile bldrs., Bloomfield, N. J.
Koehler, Hy. L., Mfg. Co., lbr. mfrs., rubber stamps, stencils, etc., Louisville, Ky.
Koehler & Hinrichs Co., billiard tables, etc., St. Paul, Minn.
Koehler, J. P., Co., scrap iron & steel, 2837 Smallman, Pittsburgh, Pa.
Koehler Mfg. Co., miners' safety lamps, Marlboro, Mass.
Koehler, Paul J., contrs., 68H Court av, Mehphis, Tenn.
Koehler & Streng Co., scrap iron & steel, Noblestown rd, Pittsburgh, Pa.
Koehler, V. Hugo, brewery architect, 2 Columbus Cir., New York.
Kochring Machine Co., concrete mixers, 31st & Concordia av, Milwaukee, Wis.
Koelble, Henry A., architect, 114 E. 28th, New York.
Koelle, Aug., contractor, 61 Bissell av, Buffalo, N. Y.
Koellen, Henry, contractor, Michigan City, Ind.
Koenig, Adolph G., architect, 405 Lexington av, N. Y.
Koenig, Chas. J. U., contractor, 110 Jessie, San Francisco, Cal.
Koenig, Edw. L., steel lockers, industrial trucks & factory equipment, 23 W. Kinzie, Chicago, Ill.
Koenig, F. C., architect, 4920 Parkside av, Philadelphia, Pa.
Koenig, Fred, architect, 2252 Clifton av, Chicago, Ill.
Koenig, H. B., cornices, Tonawanda, N. Y.
Koenig & Luhrs Wagon Co., Quincy, Ill.
Koenig, Wm., Jr., lamp auto., Brooklyn, N. Y.
Koenigkramer, F. & F., spraying machines, 1914 Western av, Cincinnanti, Ohio.
Koenigsberg, Nathan, architect, 8 S. Dearborn, Chicago, Ill.
Koenigsberger, F. H., architect, 665 Broad, Newark, N. J.
Koenigsmark Mill Co., flour, Waterloo, Ill.
Koeppen Mould Wks., Marion, Ind.
Koepsell, J. J., Co., mill & facty. supplies, Sheboygan, Wis.
Koering Cyaniding Process Co., Hammond Bldg., Detroit, Mich.
Koerner, C. A., & Co., contractors, Louisville, Ky.
Koerner, C. A., & Co., contractors, Louisville, Ky.
Koerner, Harry C., architect, 164 State, Bridgeport, Conn.
Koerner, Robert A., architect, 681 Ohio, Terre Haute.
Koetting & Sons, brick, Muscatine, Ia.
Kofoed, Aug., contractor, Silver Creek, N. Y.
Koft, J. Edwin, & Woolling, architects, Indiana Pythian Bldg., Indianapolis, Ind.
Koger Pea & Bean Thresher Co., Morristown, Tenn.
Kohaut, John C., engravers' chucks, wooden mallets, etc., 117 Green, Newark, N. J.
Kohberger & Hoyles, contrs., Marion, Ohio.
Kohfeldt, Walter G., architect, 64 E. Van Buren, Chicago, Ill.
Kohl & Madden Mfg. Co., inks, 124 Polk, Chicago, Ill.
Kohlbusch, Herman, assay balances, 149 N. Y. av, Jersey City, N. J.
Kohler Brick Co., Toledo, Ohio.
Kohler Bros., artificial eyes, 129 E. 23rd, New York.
Kohler & Campbell, pianos, 601 W. 50th, New York.
Kohler Co., cast iron enamel & sanitary ware, Dept. H, Kohler, Wis.
Kohler Die & Specialty Co., weather strips, De Kalb, Ill.
Kohler, F. E., Co., hdwe. specialties, Canton, Ohio.
Kohler, F. F., rims & felloes, South Zanesville, Ohio.
Kohler & Liebich, machinists, 1751 Addison, Chicago, Ill.
Kohlhaas Co., card system & files, 183 N. Dearborn, Chicago, Ill.
Kohlman, Nathan, architect, Godchaux Bldg., New Orleans, La.
Kohlmann Moss & Cotton Felt Co., 3101 Chartres, New Orleans, La.
Kohlmetz, Chas. E., iron; elevators, Rochester, N. Y.
Kohlmetz, H. L., iron; elevators, Rochester, N. Y.
Kohlmeyer, Geo. E., cornices, 8222 N. B'way, St. Louis, Mo.
Kohls, Wm., machinists, Cologne, Minn.
Kohn, Alfred, contractor, 110 Jessie, San Francisco, Cal.
Kohn, Jacob & Josef, revolving chairs, 507 W. 26th, New York.
Kohn, Paul, architect, 21 S. Orange av, Newark, N. J.
Kohn, Robert D., architect, 56 W. 45th, New York.
Kohner, Henry, architect, Kresge Bldg., Detroit, Mich.
Kohnstamm, H., & Co., starch & color mfrs. & imp., 89 Park Pl, New York.
Kohrs Packing Co., meat packers, Davenport, Iowa.
Kokensberger, F. H., contractor, Hazleton, Pa.
Koken Barbers' Supply Co., poles, Sidney & Texas, St. Louis, Mo.
Kokomo Bale Tie Co., Kokomo, Ind.
Kokomo Brass Wks., machinists & founders, Kokomo, Ind.
Kokomo Construction Co., Kokomo, Ind.
Kokomo Elec. Co., machinists, Kokomo, Ind.
Kokomo Fence Mach. Co., Kokomo, Ind.

Kokomo Fertilizer Co., Kokomo, Ind.
Kokomo Hardware Co., Kokomo, Ind.
Kokomo Nail & Brad Co., Kokomo, Ind.
Kokomo Opalescent Glass Co., Kokomo, Ind.
Kokomo Oscillating Fan Co., Kokomo, Ind.
Kokomo Rubber Co., Kokomo, Ind.
Kokomo Sanitary Mfg. Co., plumbers' sanitary earthenware mfrs., Kokomo, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Kokomo Stone Co., Kokomo, Ind.
Kokomo Supply Co., mill & facty. supplies, Kokomo, Ind.
Kokomo Trunk Co., Kokomo, Ind.
Kola Lumber Co., Kola, Miss.
Kolar Bros., window display fixtures & poles (curtain, etc.), 9 Baxter, New York.
Kolb, Edw., machinist, Lockport, N. Y.
Kolb Portable Building Co., portable bldg. & contrs., 30 Church, New York City.
Kolb, Wm. A., cornices, Tacoma, Wash.
Kolbe, John, Co., glass, paint, 229 W. 5th, Cincinnati, Ohio.
Kolenik, John, Jr., & Co., Inc., grille, fret & lattice, 430 Hancock, Long Island City.
Kolesch & Co., engineering & surveying instruments, 138 Fulton, New York.
Koll, A. J., wooden columns, Los Angeles, Cal.
Koll, Henry C., architect, 2155 Elston av, Chicago, Ill.
Koller, E. L., Mfg. & Coal Chute Co., sand screens, etc., 276 Sussex av, Newark, N. J.
Koller Fertilizer Co., Seitzland, Pa.
Koller, J. B., & Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.
Koller & Smith Co., filing cabinets & devices, 21 Howard, New York.
Kolling Husker Works, Arlington Heights, Ill.
Kollmyer & Talbot, machsts. & fndrs., Keokuk, Ia.
Kollock, L. R., & Co., masons & bldrs.' matls., Mtrl. Ry. Ex. Bldg., Portland, Ore.
Kolloge Hdwe. Co., whol., 3rd & Chestnut, Milwaukee, Wis.
Komada Bros., fruit pickers, 1008 Vine, Philadelphia, Pa.
Komp Machy. Co., Hattiesburg, Miss.
Konigslow, E., Stamping & Tool Wks., Cleveland, Ohio.
Konigslow, Otto, Mfg. Co., stamping works, 3506 Perkins av, Cleveland, Ohio.
Konold, M. J., Co., valves, steam traps, etc., Bessemer Bldg., Pittsburgh, Pa.
Koochook Co., auto accessories, 1120 Pine, St. Louis, Mo.
Koon, E. B. & H. J., contractors, 31 Mill, Auburn, N. Y.
Koons, E. W., & Co., steamfitters' supplies, 911 Filbert, Philadelphia, Pa.
Koons, Fred'k S., stone producers, Schwenkville, Pa.
Koons, Wm. U., hot air furnaces, Danville, Ill.
Koos, N. S., & Son Co., fertilizer mfrs., Kenosha, Wis.
Kopelent, Hy., cornices, 2723 Vine, Cincinnati, Ohio.
Kopelson Bros., arch'l & ornamental iron, 4118 Park av, New York.
Kopf Bros. Co., canned goods, New Haven, Conn.
Kopf, J. Edwin, architect, Indiana Pythian bldg., Indianapolis, Ind.
Kopp, J. K., granite producers, New London, Conn.
Kopp, Jos. D., architect, 154 W. Randolph, Chicago, Ill.
Kopp Motor Truck Co., Buffalo, N. Y.
Kopp, Williams, Co., furniture, Dept. H, Louisville, Ky.
Koppe & Steinichen, sculptors & modelers, architectural, Atlanta, Ga.
Koppel Car Repair Co., Dept. H, Koppel, Pa.
Koppel Industrial Car & Equipment Co., Dept. H, Koppel, Pa.
Koppelman, Wm. H., contractor, Louisville, Ky.
Kopperman, Jos., & Sons, coppersmiths, 307 Florist, Phila., Pa.
Koppers Co., The, coke, ovens, etc., Union Arcade, Pittsburgh, Pa.
Koppers Products Co., benzol, naphtha, paints, etc., 800H Union Arcade, Pittsburgh, Pa.
Kopperud A. H., contr., Oakland, Cal.
Koppitz-Smith Mill Co., lumber, Pacific, Mo.
Kopps, Jno. I., Sons, cornices & skylights, Boonton, N. J.
Kopriwa, E., Co., classic wood carvers, 2220 Ward, Chicago, Ill.
Kops, J. deBruyn, architect, 47 Drayton, Savannah, Ga.
Kops, Julian D., architect, 47 Drayton, Savannah, Ga.
Korber, Albert, & Son, dec. architects, 42 Hanson pl, Brooklyn, N. Y.
Korber, Herbert W., architect, 42 Hanson pl, Brooklyn, N. Y.
Korber, J., & Co., hardware, wholesale, Albuquerque, N. Mex.
Kordes, Hy. E., contractor, 243 Moffat, Brooklyn, N. Y.
Korell, Emil, architect, 1234 S. Preston, Louisville, Ky.
Korell, J. A., cornices & ventilators, 39 Isis, San Francisco, Cal.
Koretke, F. H., Brass Mfg. Co., Ltd., 922 Magazine, New Orleans, La.
Korff, Alfred, architect, 47 W. 42nd, New York.
Korff, F. W., Elec. Co., machinists, Lockport, N. Y.
Korff Mfg. Co., sink frames, Lansing, Mich.
Korsmeyer Co., elect. light plants, Lincoln, Neb.
Korn, Geo. W., Razor Mfg. Co., Little Valley, N. Y.
Korn, Wm., crayons & pencils, 120 Centre, New York.
Kornmeyer Bros., brick, Decorah, Ia.
Korns, C. C., Co., insulator clamps, Johnstown, Pa.
Kortick Falls Mfg. Co., cross arm braces, 335 1st, San Francisco, Cal.
Kortlang, Chas., sash, door & blind mfr., Hoboken, N. J.
Korver, Albert, & Son, decorative architects, 56 Lafayette av, Brooklyn, N. Y.
Koschig, Julius C., glass stainers, 717 6th av, New York.
Koshollek, Paul F., & Son, machsts. & fndrs., Stevens Point, Wis.
Kosicky Patent Bake Oven Co., 1079 Mt. Ell, Detroit, Mich.
Kosmalite Mfg. Co., electric lights, 5 E. 16th, New York.
Kosmos Portland Cement Co., Kosmosdale, Ky.
Koss Construction Co., Des Moines, Ia.
Koss & German Co., sash, door & blind, Fostoria, Ohio.
Kostelecky, Jos., carriages, Hoboken, N. J.
Koster, John L., architect, 6243 Ingleside av, Chicago, Ill.
Kostuba, Chas. J., Furn. Co., 900H S. 7th, St. Louis, Mo.
Kotcher, C. W., lumber, 649 Gratiot av, Detroit, Mich.
Kotten Mach. Co., pneumatic tools, 57 Academy, Jersey City, N.J.
Kotting, Charles, archit., Dime Bank Bldg., Detroit, Mich.
Kottolowski, Ernest F., & Co., contractors, 1123 Olive, Indianapolis, Ind.
Kouns, Wesley, agricultural implements, Salina, Kan.
Kovalsky Bros., contractors, 7 E. 42d, New York.

Koven, L. O., & Bro., boilers, tanks, etc., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Koym, H. W., flour, East Bernard, Tex.
K. P. F. Elec. Co., switches, San Francisco, Cal.
Kraan, H., Furn. Co., Master & 6th, Phila., Pa.
Krabbenschmidt, E. A. P., architect, Newark, N. J.
Krack, Gust., & Son, cornices, Erie, Pa.
Kracke & Flanders,, masons' & bldrs.' matls., 819 Julia, New Orleans, La.
Kraemer Bros., masons' & bldrs.' matls., College Point, N. Y.
Kraemer Mfg. Co., cigar, range & gas lighters, 148 Chambers, New York.
Kraetke Bros., machsts, E. Grand Blvd., St. Aubin, Detroit, Mich.
Kraetzer Co., sash, door & blind mfrs., 1034 W. 22d, Chicago, Ill.
Kraetzer Cured Lumber Co., Moorhead, Miss.
Kraeuter & Co., carpenters' & upholsterers' tools, 583 18th av, Newark, N. J.
Krafft & Sons, architects, Phelan Bldg., San Francisco, Cal.
Kraft, A. B., contractors, bldg. & gen., York, Pa.
Kraft, A. C., measures, mill & facty. supplies, outing goods, pumps, etc., 323 W. Lake, Chicago, Ill.
Kraft, Bates & Spencer, pianos, 156 Boylston, Boston, Mass.
Kraft, Theo., & Sons, jewelry cases, 458 W. B'way, New York.
Krag, Franz K., jigs & fixtures, 542 W. Jackson, Chicago, Ill.
Krager, J., cotton damasks, 1543 Ruan, Philadelphia, Pa.
Krager Turpentine Cup Co., Daisy, Tenn.
Krahl Const. Co., 350 N. Clark, Chicago, Ill.
Krahn Mfg. Co., air pumps, 598 Clinton, Milwaukee, Wis.
Krais, William, architect, 146 Vista pl, Mount Vernon, N. Y.
Krajewski-Pesant Corp., sugar machy. & fndrs., 50 Broad, New York.
Krakauer Bros., pianos, 125 W. 42d, New York.
Krakauer, Zork & Moye's, Successors, Inc., whol. hdwe., mill & facty. supplies, El Paso, Tex.
Kral, Wm., & Co., pearl buttons, Franklin, Long Island City, N. Y.
Kramb Brick & Tile Co., Oak Harbor, Ohio.
Kramer Automatic Tamper Co., Peoria, Ill.
Kramer Bros. Co., masons & bldrs.' matls., Frankfort, Ind.
Kramer Bros Co., sashes, doors & blinds. Elizabeth City, N. C.
Kramer Bros. Fdry. Co., Dayton, Ohio.
Kramer, C. & W., Co., lumber, Richmond, Ind.
Kramer, Geo. W., & Son, architects, 1 Madison av, New York.
Kramer, H., & Co., smelters & refiners, Loomis & 21 pl, Chicago, Ill.
Kramer-Hadeler & Co., whol. hdwe., Dayton, Ohio.
Kramer, I. N., carriages, Goodville, Pa.
Kramer, J. B., architect, Elizabeth City, N. C.
Kramer, J. & Sons Mfg. Co., coal & coke wagons & chutes, 675 Water, New York.
Kramer, Ludwig, contractor, Hazleton, Pa.
Kramer Mfg. Co., furniture, 602H S. New Jersey, Indianapolis, Ind.
Kramer Rotary Harrow Co., agricultural implements, Morton, Ill.
Kramer, W. J., Oil Co., 216 Reed, Milwaukee, Wis.
Kramer Wagon Co., Oil City, Pa. *See adv. index at end of book.*
Kramer, Wm. F., architect, 64 E. Van Buren, Chicago, Ill.
Kramer Woodworking Co., Dept. H, 4th & Lehigh, Phila., Pa.
Kramer, X. A., architect, Magnolia, Miss.
Kramig, R. E. & Co., pipe covering, asbestos paper, wall board & marble mosaic, 8th & Eggleston av, Cincinnati, Ohio.
Kramp, A. J., contr., Berlin, Wis.
Kranich & Bach, pianos, 235 E. 23d, New York.
Krantz, John J., contractor, 283 Walden av, Buffalo, N. Y.
Krantz & McCoy, contractors, 365 Soho, Ptg., Pa.
Krantz Mfg. Co., electrical instruments, 160 7th, Brooklyn, N. Y.
Krantz & Sell Co., cut glassware, Honesdale, Pa.
Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd, St. Louis, Mo.
Krapp, Herbert J., architect, 114 E. 16th, New York.
Krasin, Gustav A., architect, Madison, Wis.
Krasser, F., & Co., archl. iron, 31 George, Rox. Boston, Mass.
Kratt & Agnew, contrs., Lorain, Ohio.
Kratt, George, lumber, Lorain, Ohio.
Kratz, A. S., Co., folding paper boxes, Richmond, Va.
Kratz, C. F., contrs., Portland, Ore.
Kratz, E. V., architect, Champaign, Ill.
Kratzer Carriage Co., Des Moines, Ia.
Kratzer, W. N., Co., structural iron & steel, 3212 Smallman, Pittsburgh, Pa.
Krauch, Walter T., architect, La Grange, Ill.
Krauel H. B., contr., Danville, Ill.
Kraus, J. C., Cast Stone Works, garden furniture, 363 Lexington av, New York.
Kraus Research Laboratories, Inc., 130 Pearl, New York.
Krause, C. A., Milling Co., corn feed & flour, 37th & Burnham, Milwaukee, Wis.
Krause, C. H., Lumber Co., crates, Antigo, Wis.
Krause, Edmund R., architect, 22 W. Monroe, Chicago, Ill.
Krause, Ernest, architect, 906 N. Stanton, El Paso, Tex.
Krause, F. A., flour, Gayhill, Tex.
Krause, F. W., contractor, Wausau, Wis.
Krause, Geo., Hardware Co., Lebanon, Pa.
Krause, J. S., Hardware Co., Bethlehem, Pa.
Krause-Managan Lumber Co., Ltd., Westlake, La.
Krause, R. F., grass catchers, Zion City, Ill.
Krause & Stone, lumber, Marshfield, Wis.
Krause, Wm., masons & bldrs.' matls., 1621 N. 5th, Phila., Pa.
Kraushaar Brass Mfg. Co., St. Louis, Mo.
Kraushar, Geo., Liverpool, N. Y.
Krauss & Co., willow, wire & trout baskets, 11 W. Houston, New York.
Krauss, O., & Sons, whol. saddlery hdwe., Topeka, Kans.
Krauss & Roberts, plumbers' supplies—jobbers, 1314 E. Baltimore, Baltimore, Md.
Kraut & Bohnal, mill & factory supplies, 325 S. Clark, Chicago, Ill.
Krauter, Sigmund, olive oils, 74 Wall, New York.
Krauth & Benninghofen, machsts., Hamilton, Ohio.
Krautheim, Ed., landscape architect, 5335 Westminster av, Philadelphia, Pa.
Kravik, G. H., machst. & fndr., Everett, Wash.
Krawiec, I., architect, Baldwin, N. Y.
Kreamer, A., Inc., coal hods, tin, copper, japanned ware & urns, 307 Kent av, Brooklyn, N. Y.
Krebbs, Allen, Jr., contr., Atlanta, Ga.
Krebs Commercial Car Co., Clyde, Ohio.

Krebs, Emil, & Son, machinists, Elwood, Ind.
Krebs Mfg. Co., jigs & fixtures, special tools, dies, stamping, 341-9 E. Ohio, Chicago, Ill.
Krebs Pigment & Chemical Co., lithopone, Newport, Del.
Kregel Casket Co., 18th & Cass av, St. Louis, Mo.
Kregel Windmill Co., Nebraska City, Neb.
Kreidler Auto Top Co., Trenton, N. J.
Kreig, M. A., & Co., sashes, doors & blinds, Nelsonville, Ohio.
Kreimer & Bro. Co., furn., Dept. H, 9th & Carr, Cincinnati, Ohio.
Krein Chain Co., Wapakoneta, Ohio.
Kreis, H., & Sons, contractors, Knoxville, Tenn.
Kreis & Hubbard, umbrella mfrs., 320 S. Franklin, Chicago, Ill.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
Kreisle Edwin C., architect, Scarbrough Bldg., Austin, Tex.
Kreiter Mfg. Co., pianos, 1043 Winnebago, Milwaukee, Wis.
Kreitler, Chas., twine, Newark, N. J.
Kreitzburg, Ernest J., contractor, Broad & Arch, Phila., Pa.
Kreitzer Buggy Co., Wapakoneta, Ohio.
Krell Piano Co., 9th & Harriet, Cincinnati, Ohio.
Krelle, F. W., architect, Omaha Nat'l Bk. Bldg., Omaha, Neb.
Krema Mfg. Co., vending machines, 544 W. Washington, Chicago, Ill.
Krembs & Co., brazing compounds, 173 N. Green, Chicago, Ill.
Krementz & Co., gold collar buttons, 49 Chestnut, Newark, N. J.
Kremer-Cummins Mach. Co., 1833 E. 55th, Cleveland, Ohio.
Kremer & Voirol Contr. Co., Century Bldg., St. Louis, Mo.
Krempel & Erkes, architects, Bradbury Bldg., Los Angeles, Cal.
Krenz, Oscar, Copper & Brass Works, 612 Bryant, San Francisco, Cal.
Kress Bros. Carriage Co., carriages, Lawrence, Mass.
Kress & Co., bolting cloth, testing sieves, etc., 29-33 Lafayette, New York.
Kress, F. J., Box Co., packing, 2930 Liberty av, Pittsburgh, Pa.
Kress, Frank F., horse collars, Green Bay, Wis.
Kress, O. F., & Son, fire extinguishers, Lawrence, Mass.
Kretchmer Mfg. Co., bee & poultry supplies, Council Bluffs, Ia.
Kretschmer Mfg. Co., plumbing & heating supplies, Dubuque, Ia.
Kretz, Adolph H., contractor, Reading, Pa.
Kretz, Joseph, common brick, Washington, Ind.
Kreusler & Co., Ltd., bldg. mtls., 3301 Penna av, Pittsburgh, Pa.
Kreuzberger, Bartie, masons & bldrs.' matls., Sacramento, Cal
Krewson, T. C., ladders, 801 Master, Philadelphia, Pa.
Krey Packing Co., meat, 21st & Breman av, St. Louis, Mo
Kreymborg, Chas, architect, 2534 Marn av, New York.
Krick, P. Monroe, contractor, Reading, Pa.
Krick, Tyndall, & Co., brick, Decatur, Ind.
Krickwell Motor Co., 1373 E. 55th, Chicago, Ill.
Krider, C. V., architect, Paris, Tenn.
Kriebel & Co., pipe hangers, 822 Green, Phila., Pa.
Krieg, Otto J., architect, 4460a Arsenal, St. Louis, Mo.
Krieg, Wm. G., architect, 111 W. Washington, Chicago, Ill.
Krieger, Ed., contractor, Clinton, Ia.
Krieger, J. P., Saddlery Co., Louisville, Ky.
Krieghoff Co., contrs., 1187 Bellevue, Detroit, Mich.
Kriegshaber, V. H., & Son, masons & bldrs.' matls., Atlanta, Ga.
Kriel, Chas. G., meat packers, 7 W. Henrietta, Baltimore, Md.
Krier Preserving Co., canned goods, Belgium, Wis.
Kries, Henry A., & Sons Co., heating contractors, machy. dlrs., mill supplies, tanks, etc., 8 W. Lombard, Baltimore, Md.
Kries, Michael A., elec. light fix. mfrs., 303 W. Lombard, Baltimore, Md.
Krietenstein, Geo. W., & Son, whol. & retail plate & window glass, Terre Haute, Ind.
Krietenstein, John, contractor, 35 N. Dearborn, Chicago, Ill.
Krippene Hardware Co., Oshkosh, Wis.
Kriring, L. J., architect, 400 Linden av, Elizabeth, N. J.
Kritenbrink, J. H., & Son, brick, South Omaha, Neb.
Kritzer Co., lime hydrating machinery, 503 S. Jefferson, Chicago, Ill.
Kroder, John. & Hy. Reubel Co., hdwe. mfrs., Meeker av, Brooklyn, N. Y.
Kroeger Bros., wood stains, 880 McKim, Baltimore, Md.
Kroeger Piano Co., Stamford, Conn.
Kroehler Mfg. Co., furn., Dept. H, Kankakee, Ill.
Kroehler Bros., cornices & skylights, Plattsmouth, Neb.
Kroehles', A., Sons Co., leather harness, Jennings rd, S. W., Cleveland, Ohio.
Kroening Constr. Co., Majestic Bldg., Milwaukee, Wis.
Kroepke, W. H., steam & hot water htg. contr., 383 College av, New York.
Kroeschell Bros. Co., heating contrs. & steam litters supplies, 440 W. Erie, Chicago, Ill.
Kroeschell Bros. Ice Machine Co., 472 W. Erie, Chicago, Ill.
Krogh Pump & Machy. Co., 147 Beale, San Francisco, Cal.
Kroh, C. Irving, canned goods, Silver Run, Md.
Kroh, C. Z. Mfg. Co., auto. tops—dashes, Toledo, Ohio.
Kroll Bros., mchsts. & fndrs., 97 Essex, New York.
Kromholz, L., architect, 1765 Townsend av, New York.
Kronauer, Chas., & Co., harness mfrs., 844 Fulton, Chicago, Ill.
Kronbrodt Kornice Kompany, 1811 Troost av, Kansas City, Mo.
Kroncke, H. G., Hardware Co., Madison, Wis.
Krone, Chas., machinist, Davenport, Ia.
Krone, Kreutz F., Co., patterns & models, 204 1st, San Francisco, Cal.
Kronenberg, F. L., architect, Madison, Wis.
Kroner, Ernest, architect, Worcester Bldg., Portland, Ore.
Kroner, Fred., Hardware Co., La Crosse, Wis.
Kronheimer & Oldenbusch Co., silver nov., 362 5th av, New York
Kronman, E., cabinets, urns, etc., 248 Lafayette, New York.
Kronmiller, Geo., & Son, umbrella mfrs., 139 N. Gay, Baltimore, Md.
Kronnick Bros., contrs., 1659 O'Farrell, San Francisco, Cal.
Kronquest, August C., gas heaters, Maywood, Ill.
Kroonen, Leo., architect, Corona, Cal.
Kroot, Jos., scrap iron, Edinburg, Ind.
Kropp, Carl, contractor, St. Cloud, Minn.
Kropp, E. C., & Co., advtg. post cards, Milwaukee, Wis.
Kropp Forge Co., forgings, etc., 2512 W. 21st, Chicago, Ill.
Kroske, Paul C., architect, David Whitney Bldg., Detroit, Mich.
Krouse, Geo., castings, bronze, brass, etc., 150 Morgan, Jersey City, N. J.
Krouse, P. J., architect, Meridian, Miss.
Krouse, W. E., & Bro., white metal castings, Bridgeport, Conn.
Krouskop, A. H., masons & bldrs.' matls., Richland Center, Wis.
Krout & Fite Mfg. Co., tex. machy. (tapes, braids & cords), Allegheny av & Emerald, Philadelphia, Pa.
Kruckemeyer, Edward H., & Chas. R. Strong, architect, St. Paul bldg., Cincinnati, Ohio.
Kruecke Bros. Mfg. Co., brass castings, 515 Park, Milwaukee, Wis.
Krueger, A. L., Lumber Co., 130 1st av, N., Minneapolis, Minn.
Krueger, C. A., architect, 610 S. B'way, Los Angeles, Cal.
Krueger, E. F., mchst. & fndr., Glenwood City, Wis.
Krueger & Lachmann Milling Co., wheat flour, Neenah, Wis.
Krueger, Wm., Co., whol. hdwe., mill & facty. supplies, Neenah, Wis.
Krug, G., & Son, archl. iron, 415 W. Saratoga, Baltimore, Md.
Krug, Geo. Edw., architect, Orlando, Fla.
Krug Paint Mfg. Co., 449 Kent av, Brooklyn, New York.
Krug, Wm., & Son Co., contractors, 6529 S. State, Chicago, Ill.
Kruger & Blind Co., boiler feed pumps, 511 Master, Phila., Pa.
Kruger, Philip J., mchst. & fndr., Greenville, Ill.
Kruger, Roy, contr., Gustine, Cal.
Krulewitch, E. M., contractor, 30 E. 42d, New York.
Krumbhaar, W. B., archit., 618 South, New Orleans, La.
Krumm, Martin, archl. iron, Columbus, Ohio.
Krumsiek, Hy., brick, Shackelford, Mo.
Krupp Foundry Co., Lansdale, Pa.
Kruse & Bahlmann Hardware Co., The, 410 Pioneer St., Cincinnati, O.
Kruse & Banks, ship bldrs., North Bend, Ore.
Kruse & Dewenter, hot air furnaces, 427 E. Washington, Indianapolis, Ind.
Kruse Hardware Co., 518 Baymiller, Cincinnati, Ohio.
Kruse & Murphy Mfg. Co., sew'g mach., 100 E. 130th, New York.
Kruse Printing Ink Co., duplicator inks, typewriter ribbon & carbon paper, 437 Pearl, New York.
Kruse Shingle Co., Marysville, Wash.
Kruse, Wm., & Co., cornices, 523 Wade, Cincinnati, Ohio.
Krusing, Geo. G., contractor, Jefferson, Wis.
K. & S. Specialty Mfg. & Sales Co., drinking fountains, Cleveland, Ohio.
Kubach, C. J., Co., contrs., Merchants National Bank bldg., Los Angeles, Cal.
Kubias, F., & Co., steamfitters' supplies, Cedar Rapids, Ia.
Kubias, J. C., canned goods, Redlands, Cal.
Kubik Karl, pearl buttons, 88 Warren, Newark, N. J.
Kubitz, D. E. Otto, architect, 807 Gorsuch av, Baltimore, Md.
Kucharo W. F. & Co., contrs., Des Moines, Ia.
Kuder, Chas. V., & Co., camp stoves, 5315 Wentworth av, Chicago, Ill.
Kuder, Millard A., masons' & bldrs.' matls., Allentown, Pa.
Kudorff, Irving, architect, 432 4th av, New York.
Kuebler Foundries, Easton, Pa.
Kuebler, J. M., Co., sash, door & blind, Wausau, Wis.
Kuehl Clock Co., 125 N. Wabash av, Chicago, Ill.
Kuehl, L., & Co., mfrs., Saginaw, Mich.
Kuehn, F. C. W., architect, Huron, S. D.
Kuehn, Jordan Co., contrs., South Bend, Ind.
Kuehn & Metz, stor. batteries, 559 W. 54th, New York.
Kuehne, Carl Oscar, architect, 1572 N. Halsted, Chicago, Ill.
Kuehne, Chasey & Geisecke, architects, Littlefield Bldg., Austin, Tex.
Kuehnle, Jno., & Son, machinists, 2110 Colerain, Cincinnati, O.
Kuenzel Bros., brick & tile, Nevada, Ohio.
Kuenzel Mills Co., blankets, New Bremen, Ohio.
Kuenzli, Hy., & Co., masons' & bldrs.' matls., Milwaukee, Wis.
Kuert Contracting Co., Majestic Bldg., Indianapolis, Ind.
Kugler, Clarence B., Jr., & Co., masons' & bldrs.' matls., Land Title Bldg., Philadelphia, Pa.
Kugler, Geo. W., & Sons Co., lumber, 921 New Market, Philadelphia, Pa.
Kugler, Layton T., machinist, Lambertville, N. J.
Kugler Lbr. Co., Washington, N. C.
Kuh Bros., brooms, corn, Sioux Falls, S. D.
Kuh, E. S., & Valk Co., stearic acid, glue, tallow & wax, etc., Produce Exchange, New York.
Kuhl & Bent Co., advtg. counsellors, 331 W. Washington, Chicago, Ill.
Kuhl, Chas., Artificial Stone Co., 573 Reading rd, Cincinnati, O.
Kuhlke, M. D., see Kuhlke Machine Co. (successors).
Kuhlke Machine Co., Akron, Ohio.
Kuhlman Elec. Co., transformers, Bay City, Mich.
Kuhlman Engrg. Co., light switches & panel board cabinets, Toledo, Ohio.
Kuhlman, G. C., Car Co., trucks (car, steam & elec.), Adams av & L. S. & M. S. Ry., Cleveland, Ohio.
Kuhlmann Hardware Co., 1320 Main, Cincinnati, Ohio.
Kuhlmann & Meyer, flour mills, California, Mo.
Kuhls, H. B. Fred, paints, 6413 3d av, Brooklyn, N. Y.
Kuhmarker Mfg. Co., paper cups, 260 West, New York.
Kuhn, A., architect, 833 Market, San Francisco, Cal.
Kuhn, E. C., umbrella mfr., 8 W. 4th, Cincinnati, Ohio.
Kuhn, J. L., & Co., contrs., Harrisburg, Pa.
Kuhn Sash & Door Co., 204 N. E. 7th, Minneapolis, Minn.
Kuhn & Jacob Mach. & Tool Co., Trenton, N. J.
Kuhne-Libby Co., lubrg. oils & greases, 51 Front, New York.
Kuhne, Paul, architect, 165½ E. 33d, Portland, Ore.
Kuhne, Wm. C. F., contr., Rantoul, O.
Kuhner Packing Co., meat, Muncie, Ind.
Kuhnert, L. C., Jr., Co., gas engines, 139 N. Wabash av, Chicago, Ill.
Kuhnla, August, cornices, skylights, 10 Lorimer, Brooklyn, N. Y.
Kuhns Bros., machsts. & fndrs., Dayton, Ohio.
Kuhn's Paint & Varnish Wks., Houston, Tex.
Kulage Brick Wks., Hobart, Ind.
Kulas, Henry, architect, 883 Windlake av, Milwaukee, Wis.
Kullmann, Salz & Co., leather, Benicia, Cal.
Kulm Mill Co., flour, Kulm, N. D.
Kulp Bros. Brick Co., Columbus, Ohio.
Kulp, Chas. P., & Co., plbrs. supplies, 1607 S. State, Chicago, Ill.
Kulp Lbr. Co., Shamokin, Pa.
Kulzer, Jno. G., lumber, Valley, Wash.
Kump, E. J., architect, Rowell Bldg., Fresno, Cal.
Kumpf, C. R., contractor, Canton, Ohio.
Kunde, J. A., architect, Ripon, Wis.
Kundert Bros., cornices, Monroe, Wis.
Kundtz, Theo., Co., auto. wood bodies, school furniture, etc., Winslow & Elm, Cleveland, Ohio.
Kuney, M. D., architect, Diamond, W. Va.
Kunkel Carriage Works, Galion, Ohio.
Kunkle Valve Co., relief valves, 821 Barr, Fort Wayne Ind. *See adv index at end of book.*

Kunst J. E., architect, 108 W. 2nd, Los Angeles, Cal.
Kunst, John, children's vehicles, 70 Murray, New York.
Kuntz-Johnson Co., lumber mfrs., Dayton, Ohio.
Kuntz, Jos. F., architect, Westinghouse Bldg., Pittsburgh, Pa.
Kuntz, Peter, Co., lumber mfrs., Dayton, Ohio.
Kuntzendorf, C., & Co., trunk mfrs., 160 W. Van Buren, Chicago, Ill.
Kunz, Anthony, Jr., architect, 955 W. Court, Cincinati, Ohio.
Kunz Bros. & Messinger, machsts., Phoenix, Ariz.
Kunz Oil Co., 12 Wilder, Minneapolis, Minn.
Kunze, A. E., contractor, McKeesport, Pa.
Kunzi, Albert C., architect, 31 Winifred, Brooklyn, N. Y.
Kunzi & Waillant, architects, 394 Graham av., Brooklyn, N. Y.
Kupfer, Emil F., cut glassware, 239 Greenpoint av, Brooklyn, N. Y.
Kupfer, Otto A., architect, 1865 Millard av, Chicago, Ill.
Kupfer, Theo., machsts. & fndrs., Madison, Wis.
Kupferle Bros. Mfg. Co., brass fndrs., 600 N. 2d, St. Louis, Mo.
Kupferle, Jno. C., Fndry. Co., 1st & Wright, St. Louis, Mo.
Kupka & Follimel, pearl buttons, West New York, N. J.
Kupler, Theo., archl. iron, Madison, Wis.
Kurdle, Thos. J., meat packers, 3811 Eastern av, Baltimore, Md.
Kurfees, C. F., flour, Rockford, N. C.
Kurfees, J. F., Paint Co., Louisville, Ky.
Kurfiss, Selby H., archit., Scarritt bldg., Kansas City, Mo.
Kurke, W. F., architect, Fargo, N. D.
Kurrle Packing Co., meat packers, 23 Taylor, Baltimore, Md.
Kurst, J. E., architect, Higgins Bldg., Los Angeles, Cal.
Kurth, Otis E., architect, 220 8th av, Brooklyn, N. Y.
Kurtz, A. E., canned goods, Forest Hill, Md.
Kurtz Action Co., see Thayer Action Co. (successor).
Kurtz Bag Co., 414 B'way, New York.
Kurtz Brass Bed Co. (Ltd.), Corry, Pa.
Kurtz Bros., interior woodwork & finish, Bethlehem, Pa.
Kurtz Coal Lumber & Supply Co., Punxsutawney, Pa.
Kurtz Furn. Co., Dept. H, Fullerton, Catasauque, Pa.
Kurtz Furn. & Mfg. Co., 2181H E. 55th, Cleveland, Ohio.
Kurtz, L. H., Co., whol. hdwe. & plumbers' supplies, Des Moines, Iowa.
Kurtz, Langbein & Swartz, arch. engrs.' instrs. & supplies, 535 Wood, Pittsburgh, Pa.
Kurtz, N. M., Rattan Co., 155 Valencia, San Francisco, Cal.
Kurtz, W. W., canned goods, Moclips, Wash.
Kurtzer, William, architect, 1385 Crotona av, New York
Kurtzman, C., & Co., pianos, 526 Niagara, Buffalo, N. Y.
Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, Ohio.
Kurz-Downey Co. of Ark., lbr., Helena, Ark.
Kurz, Robt., architect, 324 Fulton, Brooklyn, N. Y.
Kurz & Root, switches, Appleton, Wis.
Kurzon, Bernard R., architect, 5845 N. Clark, Chicago, Ill.
Kusel, D., & F. Co., cornices & skylights, & whol. hdwe., Watertown, Wis.
Kusel Telephone & Elect. Supply Co., 2212 Olive, St. Louis, Mo.
Kusener, Casper, architect, 1907 Washington av, Antioch, Ill.
Kush, Gustave, printers' blankets, 3 Park Row, New York.
Kushakow, Jacob, archl. & ornamental iron, 74 3rd av, New York.
Kushequa Brick Co., Kushequa, Pa.
Kushequa Keramic Co., promenade roofing tile, Kushequa, Pa.
Kusske, H. P., canned goods, Mayer, Minn.
Kuster, J. A., floor scrapers, Plymouth, Wis.
Kutner-Goldstein Co., cornices & skylights, Fresno, Cal.
Kutsche, A. W., & Co., 623 Ford bldg., Detroit, Mich.
Kutsche, C. H., whol. hdwe., Grand Rapids, Mich.
Kuttawa Milling Co., flour, Kuttawa, Ky.
Kuttroff, Pickhardt & Co., Inc., chemicals, colors, paper makers' colors & dyestuffs, 128 Duane, New York.
Kutz & Gift, machsts. & fndrs., Allentown, Pa.
Kutztown Foundry & Machine Co., fndrs. & machsts., 1421 Chestnut, Philadelphia, Pa. *See adv index at end of book.*
Kutztown Lime & Crushed Stone Co., Kutztown, Pa.
Kvenild, B., archit., Brandeis Theatre, Omaha, Neb.
K-W Ignition Co., Chester av & E. 30th, Cleveland, Ohio.
K. & W. Rubber Co., tube reliners, Ashland, Ohio.
Kyle Advtg. Co., spec., Louisville, Ky.
Kyle, Geo., masons' & bldrs.' matls., 73d c Grays av, Phila., Pa.
Kyle Lumber Co., Ltd., Franklin, La.
Kyle Oil & Gin Co., meal, Kyle, Tex.
Kyle & Purdy, motor boat, launch & yacht bldrs., City Island, N. Y.
Kyle, R. W., Co., steam heating contrs., Wheeling, W. Va.
Kyle, W., & Sons Co., canned goods, Florence, Ore.
Kynoch, Chas., & Co., mill & facty. supplies, St. Ignace, Mich.
Kyoto Mfg. & Trading Co., harness rings, lanterns, dice, etc., 31 E. 17th, New York.
L. A. Paving Co., Inc., 2900 Sta. Fe, Los Angeles, Cal.
L. G. Council Fertilizer Wks., Americus, Ga.
La Beaume & Klein, Architects, 315H N. 7th, St. Louis, Mo.
La Belle Box Co., pckg., Muskegon, Mich.
La Belle, Edw. C., architect, 410 Wisconsin av, Oak Park, Ill.
La Belle Iron Works, Steubenville, Ohio.
Laberge, Alphonse, contrs., Manchester, N. H.
La Boiteaux, C. L., Co., paper boards, etc., First Nat'l Bank Bldg., Cincinnati, Ohio.
Labouisse, S. S., architect, Hennen Bldg., New Orleans, La.
Labovich, B., cornices & skylights, 1250 Tremont, Boston, Mass.
Lacchi, Primo, architect, 448 N. Potomac av, Baltimore, Md.
Lacene Mfg. Co., machs. & fndrs., Manchester, N. H.
Lacerenza, W. A., architect, 172 Pennsylvania av, Brooklyn, N. Y.
Lacey, Adin Benedict, architect, 1012 Walnut, Philadelphia, Pa.
Lacey, Carlos, architects, Main, Niagara av, Niagara Falls, N.Y.
Lacey, Geo. E., machinist, Salinas, Cal.
Lacey, Sanford O., architect, Phelps Bk. Bldg., Binghamton, N. Y.
Lacey, T. I., & Son, architects, Kilmer Bldg., Binghamton, N. Y.
Lacey & Lacey, patent attorneys,, 639 F. N. W., Washington, D. C.
Lachman & Murphy, architects, Witherspoon Bldg., Phila., Pa.
Lachmund Lumber & Coal Co., Sauk City, Wis.
Lachowsky, A. L., mach. & fndr., Morrillton, Ark.
Lack Mfg. Co., machsts., Paducah, Ky.
Lack Singletree Co., Paducah, Ky.
Lackawanna Bridge Co., Buffalo, N. Y.
Lackawanna Chemical Co., wood alcohol, Straight, Pa.
Lackawanna Coal Coke Co., bituminous, Lackawanna, N. Y.
Lackawanna Leather Co., Hackettstown, N. J.
Lackawanna Lbr. Co., Scranton, Pa.
Lackawanna Mfg. Co., machsts., Ballston Spa, N. Y.
Lackawanna Steel Co., toluol, Buffalo, N. Y.
Lacke Elect. Mfg. Co., heat regulators, 8229 Blackstone, Chicago, Ill.
Lackey, H. A., contractors, Carlisle, Pa.
La Clair & McNulty, granite, Barre, Vt.
La Claire & Eggleston, carriages, Big Rapids, Mich.
Lackland, L. C., & Sons, canned goods, Lithia, Va.
Laclede Brass Wks., 307 Cedar, St. Louis, Mo.
Laclede-Christy Clay Products Co., Railway Ex. Bldg., St. Louis, Mo.
Laclede Gas Light Co., toluol, St. Louis, Mo.
Laclede Iron Wks., 1547 N. 9th, St. Louis, Mo.
La Clede Mfg. Co., paint mfrs.' color cards, Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bk. Bldg., St. Louis, Mo.
Lacombe Lbr. Co., Lacombe, La.
Laconia Car Co., 60 Congress, Boston, Mass.
Laconia Needle Co., Laconia, N. H.
Lacoste Hdwe. Co., Ltd., Lafayette, La.
Lacour, Crammer & Co., masons' & bldrs.' matls., Long Branch, N. J.
Lacquer-All Co., 1262 Military, Detroit, Mich.
La Crescent Canning Co., La Crescent, Minn.
La Croix Duhaime Co., contrs. and bldrs., Waterbury, Conn.
Lacroix, W. & E. W., shoe counters, Lynn, Mass.
La Crosse Boiler Co., La Crosse, Wis.
La Crosse Bridge & Steel Co., La Crosse, Wis.
La Crosse Hammock Works, La Crosse, Wis.
La Crosse Knitting Co., knitted gloves, La Crosse, Wis.
La Crosse Lumber Co., Louisiana, Mo.
La Crosse Monument Co., La Crosse, Wis.
La Crosse Motor Truck Co., La Crosse, Wis.
La Crosse Plumbing Supply Co., La Crosse, Wis.
La Crosse Rubber Mills Co., La Crosse, Wis.
La Crosse Scrap Iron & Metal Co., Marietta, Ohio.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
La Crosse Stone Co., contractors, La Crosse, Wis.
La Crosse Tractor Co., La Crosse, Wis.
La Crosse Well Drill Works, well drilling machy., La Crosse, Wis.
La Crosse Woolen Mills, wool batting, La Crosse, Wis.
Lacy, Jas. J., Co., propeller wheels, Block & Wills, Baltimore, Md.
Lacy Mfg. Co., steel plate work, 300 S. Spring, Los Angeles, Cal.
Ladd, C. M., lbr., Worcester, Vt.
Ladd, Carroll W., architect, 140 E. 39th, New York.
Ladd, Geo. T., Co., watertube boilers, Farmers Bank bldg., Pittsburgh, Pa.
Ladd, Geo. W., Co., elastic hosiery, 34 Columbus, Boston, Mass.
Ladd, John W. Co., creamery machy, 2016H W. LaFayette, Detroit, Mich.
Ladd, W. C., telephone bells, lantern holders, etc., Bristol, Conn.
Lade, Rudolph, heating contrs., 1730 Galena, Milwaukee, Wis.
Ladel Mfg. Co., rolling mill warehouse, trucks, etc., New Philadelphia, Ohio.
Ladew, Edw. R., Co., belting mfrs., mill & facty. supplies, etc., 54 Franklin, New York, & at Boston, Chicago & Philadelphia.
Ladew, Jones Co., leather bends, etc., 105 South Boston, Mass.
Ladewig Stock Co., casseroles, crucibles, cups & milk pasteurizer & machsts., Waukesha, Wis.
Ladish Drop Forge Co., Cudahy, Wis.
Ladner, C. F., Hardware Co., cornices & skylights, St. Cloud, Minn.
Ladoga Canning Co., Ladoga, Ind.
Ladysmith Brick & Tile Co., Ladysmith, Wis.
Laechle, W. C., & Co., granite producers, 30 N. La Salle, Chicago, Ill.
La Farge, C. Grant, architect, 101 Park av, New York.
Lafarge Lumber Co., Lafarge, Wis.
Lafave, J. R., Lbr. Co., Croghan, N. Y.
La Favorite Rubber Co., packing mfrs., Hawthorne, N J.
Lafaye, Geo. E., architect, Columbia, S. C.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lafayette Brush & Mfg. Co., Lafayette, Pa.
Lafayette College, engng. school & coll., Easton, Pa.
La Fayette Corn Flour Mills, grits, Lafayette, Ind.
Lafayette, Cornwell, architect, Connersville, Ind.
Lafayette Cotton Mills, Lafayette, Ga.
Lafayette Cotton Oil Mills, Lafayette, Ala.
Lafayette Elec. & Mfg. Co., lightning arresters, telephones, etc., Lafayette, Ind.
Lafayette Engineering Co., Lafayette, Ind.
Lafeyette Fence Works, ornamental bronze & iron gates, Lafayette, Ind.
Lafayette Fertilizer Co., Lafayette, Ga.
Lafayette Lbr. Co., interior hardwood work, Lafayette, Ind.
Lafayette Mill & Lbr. Co., Lafayette av & P. B. & W. R. R., Baltimore, Md.
Lafayette Mills Co., turkish towels, Howard & Lehigh av, Philadelphia, Pa.
Lafayette Mirror Co., furniture tops, 173 Grand, New York.
Lafayette Roller Mills, flour, Lafayette, Ga.
Lafayette Stamping & Enameling Co., West Lafayette, Ohio.
Lafayette Sugar Refining Co. (Ltd.), New Orleans, La.
Lafayette Window Glass Co., Clarksburg, W. Va.
Laferty, J. E., architect, 11 E. Pleasant, Baltimore, Md.
Laffargue Co., pianos, E. 134th & Cypress av, New York.
Laffer, Harry, architect, 2938A Herbert, St. Louis, Mo.
Lafferty, Sam'l J, & Sons, cornices, Springfield, Ohio.
Laflamme, Frank X,, contractor, Manchester, N. H.
Laflan Paper Co., roof sheathing & bldg. paper, York, Pa.
La Follette Coal & Iron Co., blast furnaces & iron ores, La Follette, Tenn.
Lafond, T., & Son, sewer pipes, Kankakee, Ill.
Lafontaine Handle Co., Decatur, Ind.
La Fountain-Woolson Co., mill & factory supplies, Springfield, Vt.
La France, L. A., contractor, Holyoke, Mass.
La France, Ward, Truck Co., Inc., auto bldrs., Elmira, N. Y.
Laganke, Chas. F., machsts., 116 St. Claire av, N. E.,, Cleveland, Ohio.
Lagarde, J. J., architect, 730 Union, New Orleans, La.
Lagasse, Paul, contractor, 826 9th, New Orleans, La.
Lage, B. H., artistic tile & floor mosaics, 484 Greenwich, New York.
Lagergren, Gustav P., architect, 7708 S. Hermitage av, Chicago Ill.
Lagervuist, Gust., elevators, 516 N. 3rd, Minneapolis, Minn.

Lageschulte & Hager, masons' & bldrs.' matls., Barrington, Ill.
Lagonda Mfg. Co. see Elliott Co. (successors).
Lagoon Co., turpentine, Apalachicola, Fla.
La Grande Milling Co., flour, La Grande, Ore.
La Grange, A., contractor, Schenectady, N. Y.
La Grange Fdry. Co., Quincy, Ill.
La Grange Mach. Repair Co., La Grange, Ind.
La Grange Mills, flour, Red Wing, Minn.
La Grange Pearl Button Co., La Grange, Mo.
Lagrange Specialty Co., brick, Lagrange, Ind.
Lahan Stove & Mfg. Co., Quincy, Ill.
La Haye Mfg. Co., burial cases, auto radiators, metal spinning & sheet metal work, 298 11th, San Francisco, Cal.
Lahr, W. B., & Co., architects, 112 Lennox bldg., Cleveland, Ohio
Lahue, M. M., & Co., machsts., Lowell, Mass.
Laib, Arthur J., architect, Russ Bldg., San Francisco, Cal.
Laib Co., plumbers, mill & factory supplies, & jobbers, Louisville, Ky.
Laidig, Clinton J., architect, 4346 Clay av, St. Louis, Mo.
Laidlaw, Adam, & Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Laidlaw-Dunn Gordon Co., see Worthington Pump & Machy. Works (successor).
Laidlaw, R., Lbr. Co., Buffalo, N. Y.
Laimbeer, John, Jr., contractor, 103 Park av, New York.
Lain, Ira D., contr., Bloomington, Ill.
Laing, Harrar & Chamberlin, heel plates, 42 N. 3d, Phila., Pa.
Laing Mach. Auto. Repair Co., Plainfield, N. J.
Lainhart, Fred A., architect, 628 Devon, Arlington, N. J.
Lainhart & Potter, masons' & bldrs.' matls. & lumber, West Palm Beach, Fla.
Lair, John M., contractor, Gloversville, N. Y.
Laird, E. M. Co., aeroplanes, Dept. H, Wichita, Kans.
Laird, Pierre, architect, 6 E 46th, New York.
Laird & Sons, marine ry. bldrs., Ashtabula, Ohio.
Laird, Warren P., archit., Univ. of Pa., Philadelphia, Pa.
Laird & Wilson Mfg. Co., excelsior, Crandon, Wis.
Laist, Theodore F., architect, 910 S. Michigan av, Chicago, Ill.
Lake Breeze Motor Co., fans, oil or alcohol driven, 560 West Monroe, Chicago, Ill.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Lake Charles Carriage & Implement Co., Lake Charles, La.
Lake Charles Planing Mill Co., Lake Charles, La.
Lake Charles Rice Milling Co., Lake Charles, La.
Lake Chelan Box Factory, Chelan, Wash.
Lake City Stone Co., Dunkirk, N. Y.
Lake County Canning Co., Ukiah, Cal.
Lake Creek Shingle Co., Morten, Wash.
Lake Erie Boiler Wks., Buffalo, N. Y.
Lake Erie Bolt & Nut Co., 915H E. 63rd, Cleveland, Ohio.
Lake Erie Builders' Supply Co., Schofield bldg., Cleveland, Ohio.
Lake Erie Dredging Co., Morgan Bldg., Buffalo, N. Y.
Lake Erie Dry Dock & Mill Co., Sandusky, Ohio.
Lake Erie Forge & Machine Co., Cleveland, Ohio
Lake Erie Fndry. Co., Buffalo, N. Y., & Girard, Pa.
Lake Erie Iron Co., (see Lake Erie Bolt & Nut Co., successor).
Lake Erie Limestone Co., Youngstown, Ohio.
Lake Erie Lumber & Supply Co., 5459 Hamilton av, Cleve., O.
Lake Erie Mfg. Co., pumps, valves, etc., Buffalo, N. Y.
Lake Erie Ore Co., 1025 Rockefeller Bldg., Cleveland, Ohio.
Lake Erie Provision Co., meat packers, Clark av & C. C. C. & St. L. Ry., Cleveland, Ohio.
Lake Erie Rubber Co., packing mfrs., Erie, Pa.
Lake Erie Sand Co., Sandusky, Ohio.
Lake Erie Smelting & Refining Co., 7900 Bessemer av, Cleve., O.
Lake, Frank G., lumber, Atlanta, Ga.
Lake, Frederick, architect, 9 Clinton, Newark, N. J.
Lake & Harris, masons' & bldrs.' matls., Harvard, Ill.
Lake Independence Lbr. Co., 623 So. Wabash av, Chicago, Ill.
Lake, Lily, Canning Co., Mountain Grove, Mo.
Lake Mfg. Co., knife sharpeners, 58 R. I. av, Washington, D. C.
Lake Mills Canning Co., Lake Mills, Ia.
Lake Odessa Milk Co., canned, Lake Odessa, Mich.
Lake Placid Lumber & Supply Co., masons' & bldrs.' matls., Lake Placid, N. Y.
Lake Riley Mill Co., lumber, Hazel, Wash.
Lake & Risley Co., masons' & bldrs.' matls., Pleasantville, N. J.
Lake, Robert, Co., masons' & bldrs.' matls., Jackson, Mich.
Lake Sammamish Shingle Co., Inglewood, Wash.
Lake Shingle Co., Bellingham, Wash.
Lake Shipbuilding Co., Buffalo, N. Y.
Lake Shore Canning Co., Sheboygan, Wis.
Lake Shore Construction & Supply Co., Dunkirk, N. Y.
Lake Shore Elec. Ry. Co., machsts. & fndrs., Fremont, Ohio.
Lake Shore Engine Works, Marquette, Mich.
Lake Shore Lbr. Co., Washburn, Wis.
Lake Shore Sand & Gravel Co., Cuyahoga & W. 3d, Cleveland, O.
Lake Shore Shale Brick Co., see Burton-Townsend Co. (successor).
Lake Shore Stone Co., 1406 1st Nat. Bk. Bldg., Milwaukee, Wis.
Lake Superior Brass Fdry., Laurium, Mich.
Lake Superior Knitting Wks., sweaters, cardigans, etc., Appleton, Wis.
Lake Superior Lumber Co., Ellsworth & McPherson, Kans.
Lake Superior Piling Co., ties, poles & posts, 961 22d, Chicago, Ill.
Lake Superior Stone Brick Co., Calumet, Mich.
Lake Torpedo Boat Co., machsts., Bridgeport, Conn.
Lake Union Brick Co., common, Seattle, Wash.
Lake Union Shingle Co., Seattle, Wash.
Lake View Brick Co., 2756 Irving pk, Chicago, Ill.
Lakeside Bridge & Steel Co., engrs., cranes, derricks, hoists, machy, etc., 402 Villard av, N. Milwaukee, Wis.
Lakeside Craft Ships, see United Phonographs Corp., (successor).
Lakeside Dist. Co., 140 W. Water, Milwaukee, Wis.
Lakeside Dredging Co., contrs., Penobscot Bldg., Detroit, Mich.
Lakeside Forge Co., Erie, Pa. *See adv. index at end of book.*
Lakeside Fdry., Muskegon, Mich.
Lakeside Foundry Co., engine pistons, Lycaste av & Det. Terminal Ry., Detroit, Mich.
Lakeside Malleable Castings Co., Racine, Wis.
Lakeside Paper Co., Menasha, Wis.
Lakeview Milling Co., flour, Lakeview, Mich.
Lakewood Chemical Co., carbon removers, Hird, Cleveland, O.
Lakewood Engineering Co., construction & industrial equipment, Cleveland, Ohio. *See adv index at end of book.*
Lakewood Lumber Co., sash, door & blind, 10217 Beria rd, Cleveland, Ohio.
Lakey, A. L., Co., paint mfrs., Kalamazoo, Mich.
Lakey, C. T., roll coverers, Georgiaville, R. I.
Lakey Foundry & Mche Co., Muskegon, Mich.
Lakin, Bruce, machsts., Sidney, N. Y.
Laks & Zucker, trunk mfrs., 386 W. B'way, New York.
Lalance & Grosjean Mfg. Co., machsts. & fndrs.—seamless stamped metal & enamel wares, 299 B'way, New York.
La Liberte Bros., contractors, Holyoke, Mass.
Lallie Surveying Instrument & Supply Co., Denver, Colo.
Lalor, W. M., water stills, 208 S. La Salle, Chicago, Ill.
Lally Column Co., 4001H Wentworth av, Chicago, Ill.
Lally Commercial Body Co., auto hoists, Everett, Mass.
Lalley Electro Lighting Co., 759 Bellevue, Detroit, Mich.
Lally, Jas. H., masons' & bldrs.' matls., Olyphant, Pa.
Lally, M., & Co., coffee roasters, 29 W. 3d, Cincinnati, Ohio.
Lam Building Co., 1001 Wood, Philadelphia, Pa.
Lamar Ginning & Cottonseed Exchange, fertilizer mfrs., Lamar, S. C.
La Marche & Brault, contractors, Plattsburg, N. Y.
Lamb Bros. & Greene, electric portables, Nappanee, Ind.
Lamb, F. W., Co., htg. contrs., 24 E. Kinzie, Chicago, Ill.
Lamb-Fish Lumber Co., Charleston, Miss.
Lamb, Frank H., Timber Co., lbr., Hoquian, Wash.
Lamb, Geo. L., piano benches, Nappanee, Ind.
Lamb, J. K., machy. dlrs., 246 Chestnut, Philadelphia, Pa.
Lamb, J. & R., furn., stained glass, etc.—decorative architects, 25 6th av, New York.
Lamb, John J., contractor, Summit, N. J.
Lamb Knit Goods Co., gloves & mittens, Colon, Mich.
Lamb Knitting Machine Co., planer stops, knitting machy., etc., Chicopee Falls, Mass.
Lamb Machine Co., dlrs., Hoquiam, Wash.
Lamb, Maskell T., glass stainers, 233 Berrgen, Brooklyn, N. Y.
Lamb & Richie Co., speaking tubes, stainers, pipe, etc., Cambridge, Mass.
Lamb, Thos. W., architect, 1323 Euclid av, Cleveland, Ohio.
Lamberg, A., & Co., machy. dlrs., 243 Centre, New York.
Lamberson, C. A., & Co., flour mills, Colon, Mich.
Lambert Bros. & Wirt, contractors, Delaware, Ohio.
Lambert Chemical Co., anthracene & napthanene flakes, 400 N. 3rd, St. Louis, Mo.
Lambert Gas Engine Co., Anderson, Ind.
Lambert Gas & Gasoline Engine Co., Anderson, Ind.
Lambert-Grisham Hardware Co., Henderson, Ky.
Lambert, H., Co., masons' & bldrs.' matls., Beaverville, Ill.
Lambert, H. T., Co., contrs.' tools, machy. dlrs., & railroad equipt., Huntington, W. Va.
Lambert Hoisting Engine Co., machsts., 117 Poinier, Newark, N. J.
Lambert Lumber Co., Leavenworth, Kans.
Lambert Machine Co., Marshall, Mich.
Lambert Multiplus Co., belting mfrs., 110 Union av, Portland, Ore.
Lambert, P. W., Co., advert. nov. & specialties, 64 Lispenard, New York.
Lambert, R. R., Co., common brick, Taggart & Crispen, Ptg., Pa.
Lambert & Todd Mach. Co., Camden, N. J.
Lambert, Wm. A., architect, Woolworth Bldg., New York.
Lamberton, W. W., carriages, Brainerdsville, N. Y.
Lambertville Iron & Steel Co., Lambertville, N. J.
Lambertville Pottery Co., Lambertville, N. J.
Lambertville Rubber Co., shoes, balls, etc., Lambertville, N. J.
Lambertville Stone Quarry Co., 1218 Filbert, Philadelphia, Pa.
Lamberty & Co., cornices, 4917 S. Ashland av, Chicago, Ill.
Lambeth Rope Corp. Co., New Bedford, Mass.
Lamble, C. S., & Co., contractors, Tramway Bldg., Denver, Colo.
Lamble, Jas B., Co., machsts., 1415 N. Y. av, N. W., Wash., D. C.
Lambou & Noel Lbr. & Mfg. Co., New Orleans, La.
Lamb's, Daniel, Son, whol. hdwe., Saugerties, N. Y.
Lamdin, Wm. D., archit., 11 E. Pleasant, Baltimore, Md.
Lamey & Co., masons' & bldrs.' matls., Barrington, Ill.
Laminated Shim Co., 533 Canal, New York.
Lamm, Edw. C., sash, door & blind mfrs., Danville, Ill.
Lammerding, John, contractor, Elizabeth, N. J.
Lammers Bros., lbr., Cottage Grove, Ore.
Lammert & Mann, machsts., 221 N. Wood, Chicago, Ill.
La Moine Lbr. & Trading Co., La Moine, Cal.
Lammond & Robertson Co., cocoa mats, Paterson, N. J.
La Mont, A. G., architect, Clarksburg, W. Va.
La Mont Chemical Co., Kane, Pa.
Lamneck W. E. Co., furnace fittings, W. 5th av & H. V. R. R. Crossing, Columbus, Ohio.
Lamont, Alex, marine engines, 1470 Jefferson, Detroit, Mich.
Lamont, Matthew, Sons Co., lbr. mfrs., Bay City, Mich.
La Monte, Geo., & Son, paper, 61 B'way, New York.
Lamoreaux Bros. Co., contrs., Omaha, Neb.
Lamoureux, F. & Co., cornices, 39 Friendship, Providence, R. I.
Lamos, Chas. A., Co., sash, door & blind mfrs., Peekskill, N. Y.
Lamp, John J., architect, Orange, N. J.
Lamp & Miller Mfg. Co., machsts. & fndrs., 382 4th, Milwaukee, Wis.
Lamparter, Geo., Sons, glue mfrs., Lancaster, Pa.
Lampe, W. C., architects, 155 N. Clark, Chicago, Ill.
Lampel, F. L., chamois importers, 315 Locust, St. Louis, Mo.
Lamper, J. B., & W. A., masons' & bldrs.' materials, Lynn, Mass.
Lamphear, Henry L., contractor, Rahway, N. J.
Lampitt, Ed. F., contrs.,' masons' & bldr.' matls, Pekin, Ill.
Lampman, J. T., & Co., buckwheat flour, Claverack, N. Y.
Lamprey Co., arch. boiler plates, 283 Elm, Westfield, Mass
Lampson Lbr. Co., New Haven, Conn.
Lamson Co., telegraph instruments, 15 W. 44th, New York.
Lamson Co., carriers, conveyors, light elevators, etc., 100 Boylston, Boston, Mass.
Lamson Cutter Head Co., machsts., 30 N. Jefferson, Chicago, Ill.
Lamson, E. F., machsts. & fndrs., Abington, Mass.
Lamson & Goodnow Mfg. Co., knives, Shelburne Falls, Mass.
Lamson-Gray Construction Co., Fergus Falls, Minn.
Lamson, J. H., & Sons, masons' & bldrs.' matls., Randolph, Vt.
Lamson, John S., & Bro., waterproofing mats., etc., 347 Madison av, New York.
Lamson & Sessions Co., bolt & nut mfrs., 2188 Scranton rd, S. W., Cleveland, Ohio.
Lana Construction Co., Council Bluffs, Ia.
Lanark Canning Co., Lanark, Ill.
Lancaster, A., & Co., blankets, woolen, Chester, N. J.
Lancaster Bone fertilizer Co., Lancaster, Pa.
Lancaster Brick & Tile Co., Builders Exch., Buffalo., N. Y.

Lancaster, C. G., architect, Marshall, Tex.
Lancaster Cement Paving Co., Lancaster, Pa.
Lancaster Chemical Co., fertilizer mfrs., Lancaster, Pa.
Lancaster Clamp Window Shade Pull Co., hardware mfrs., Lancaster, Pa.
Lancaster Cork Works, Lancaster, Pa.
Lancaster Cotton Mills, sheetings, Lancaster, S. C.
Lancaster Flour Mills, Lancaster, Pa.
Lancaster Foundry Co., castings, Lancaster, Pa.
Lancaster Glass Co. Lancaster, Ohio.
Lancaster, Harry, contractor, Utica, N. Y.
Lancaster, Harry, & Co., flooring, hard wood, Lebanon, Ky.
Lancaster Iron Wks., brake shoes & tank mfrs., Lancaster, Pa.
Lancaster-Johnson Lbr. Co., Wetumpka, Ala.
Lancaster Leather Co., Lancaster, Ohio.
Lancaster Lens Co., Lancaster, Ohio..
Lancaster Lime & Supply Co., masons' & bldrs.' matls., Lancaster, Pa.
Lancaster Lumber & Mfg. Co., Lancaster, Ky.
Lancaster Mach. & Knife Wks., Lancaster, N. Y.
Lancaster Mach. & Structural Wks., see Lancaster Structural & Foundry Wks. (successor).
Lancaster Paint & Glass Co., Lancaster, Pa.
Lancaster Roller Mills, flour, Kilmarnock, Va.
Lancaster, Roy P., architect, Havre, Mont.
Lancaster Steel Products Co., steel & rods, Lancaster, Pa. *See adv. index at end of book.*
Lancaster Structural & Fdry Wks., Lancaster, Pa.
Lance, Arch., contractor, Washington, N. J.
Lance, Geo. A., machsts. & bldrs., Watertown, N. Y.
Lance, L. D., architect, Hill Crest, Reading, Pa., & Wyomissing, Pa.
Lanctot, Clyde H., contractors, 700 Ellicott sq., Buffalo, N. Y.
Land, Chas. D., contractor, 28th & Cambria, Philadelphia, Pa.
Land Construction Co., St. Joseph, Mo.
Land, Herbert Henry, architect, 5410 Cortez av, Chicago, Ill.
Land Improvement & Supply Co., sand & gravel dlrs., Diamond B'k bldg, Pittsburgh, Pa.
Land Milling Co., flour, Neodesha, Kans.
Land, Mose H., flour mills, Marshall, Mo.
Landa, A., & Sons Co., advtg. nov. & spec., 1706 Foster av, Chicago, Ill.
Landan Bros., contractors, 311 2d av, Pittsburgh, Pa.
Landau Cabinet Co., cedar chests & kitchen cabinets, 1545 Tower Grove, St. Louis, Mo.
Landau, Henry W., fire extinguisher, 104 N. J. Railroad av, Newark, N. J.
Lande, S., & Co., corn brooms, 160 W. Kinzie, Chicago, Ill.
Landeck Lbr. Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.; Tampa, Fla.
Landenbach, H. L., architect, Sidney, Ohio.
Lander & Ayer, lbr. mfrs., Bingham, Mo.
Lander, Isaac, & Son, marble prod., Binghamton, N. Y.
Landerburn, D. E., landscape architects, 156 5th av., New York
Landers & Barker Co., lbr., Mountain Grove, Mo.
Landers Bros. Co., artificial leather oil cloth, Toledo, Ohio.
Landers, Frary & Clark, fruit presses, hdwe. mfrs., machsts. & fndrs, etc., New Britain, Conn.
Landers Lumber & Cement Co., Springfield, Mo.
Landers, Morrison & Christenson Co., masons' & bldrs.' matls., Builders Exchange, Minneapolis, Minn.
Landers, W. E., Co., fndrs., Syracuse, N. Y.
Landes & Co., mill & facty. supplies, Salt Lake, Utah.
Landgraff, Frank, brick, Albion, Ind.
Landis Brick Co., New Cumberland, Pa.
Landis, E. M., machinist, Toledo, Ohio.
Landis Engng. & Mfg. Co., clocks, all kinds, Waynesboro, Pa.
Landis, Jerome S., architect, Souderton, Pa.
Landis Machine Co., bolt & nut threading mach., Waynesboro, Pa., and 258 Mullanphy, St. Louis, Mo.
Landis Milling Co., flour, Landis, N. C.
Landis, S. H., & Bro., handles, carriage hubs, etc., Quakerstown, Pa.
Landis Tool Co., grinders, Waynesboro, Pa.
Landis, Wm. G., masons' & bldrs.' matls., Norristown, Pa.
Landon, E. R., iron works, 166 N. May, Chicago, Ill.
Landon, Walter C., & Co., masons' & bldrs.' matls. & wholesale hdwe., Rutland, Vt.
Landor, Edward J., contractor, Canton, Ohio.
Landreth Machinery Co., dealers, Joplin, Mo.
Landreth, W. H., machsts. & fndrs., Ritzville, Wash.
Landsberger, Hugo, Co., ivory imp., 260 W. B'way, New York.
Landshaft, Wm., & Sons, automobile bldrs., 2336 Milwaukee av, Chicago, Ill.
Landsman, S., architect, 1380 Prospect av., New York
Landvoigt, Albert E., architect, 1403 N. Y. av, Washington, D. C.
Lane, A. W., contractor, 19 La Salle, Chicago, Ill.
Lane, Alb. A., Jacquard cards, 73 Warren, New York.
Lane, B. R., machsts., St. Louis, Mich.
Lane & Bodley Co., gas compressors, engines, etc., Tennessee av & Paddock rd, Cincinnati, Ohio.
Lane Bros., contractors, Melrose, Mass.
Lane Bros., stone, 302 W. 9th, Los Angeles, Cal.
Lane Bros. Co., machsts. & fndrs., Poughkeepsie, N. Y.
Lane, C. L., pails & buckets, wood, East Swanzey, N. H.
Lane, C. M., Life Boat Co., 250 Huron, Brooklyn, N. Y.
Lane, C. W., & Co., contractors, Atlanta, Ga.
Lane, Chas. R., mill & facty. supplies, masons' & bldrs.' matls., Haverstraw, N. Y.
Lane, Chas. W., carriages, Butte, Mont.
Lane Construction Corp., Meriden, Conn.
Lane, D. T., & Sons, machsts. & fndrs., Franklin, Pa.
Lane, F. M., machsts. & fndrs., Memphis, Tenn.
Lane, G. W. & C. A., mill & facty. supplies, Exeter, N. H.
Lane, Geo. W., & Co., contractors, Lewiston, Me
Lane, H. M., Co., mill engnrs., Owen bldg., Detroit, Mich.
Lane, Horace H., architect, Dime Bank Bldg., Detroit, Mich.
Lane, Ira G., Co., htg. contrs., pipe hangers, 1077 3d av, New York.
Lane, J. H., & Co., filter cloths, bags, cotton duck, etc., 334 4th av, New York.
Lane, J. L., & Co., lumber mfrs., 11 S. La Salle, Chicago, Ill.
Lane, Jno. S., & Son, stone producers, Meriden, Conn.
Lane & Maloney Contr. Co., Newton Center, Mass.
Lane Mfg. Co., power transmitting & wood cutting machy., Montpelier, Vt.
Lane Mfg. Co., clothing fasteners, buttons, etc., Waterbury, Conn.
Lane, Maurice F., contrs., Syracuse, N. Y.
Lane-Pyke-Werkhoff Co., htg. contrs., Lafayette, Ind.
Lane Quarry Co., stone producers, Meriden, Conn.
Lane, Roy E., archit., Chamber of Commerce Bldg., Waco, Tex.
Lane & Sutliff, machsts., Eureka, Cal.
Lane, T. J. Equipment Co., Springfield, Ohio.
Lane, T. W., carriages & auto. bodies, Amesbury, Mass.
Lane, Thos., Co., ornamental iron work, Farmers' Bank Bldg., Pittsburgh, Pa.
Lane, W. T., & Bro., canvas baskets, trucks, etc., Poughkeepsie, N. Y.
Lane & Wyman, architects, 576 Quinnipiac av, Bridgeport, Conn.
Laner, True & Co., sashes, doors & blinds, Byesville, Ohio.
Lanesboro Canning Co., Lanesboro, Minn.
Lanese Co., contractors, Guardian Bldg., Cleveland, Ohio.
Lanett Cotton Mills, West Point, Ga.
Lang Body Co., automobile bodies, W. 106th, Cleveland, Ohio.
Lang Broom Co., corn, 2029 Chateau, Pittsburgh, Pa.
Lang & Bro. Mfg. & Mercantile Co., masons' & bldrs.' matls., Farmington, Mo.
Lang, C. E., Co., cornices, Mishawaka, Ind.
Lang, C., & Son, stone, Vine & Ehrman av, Avon, Cincinnati, Ohio.
Lang Canning & Preserving Co., Beatrice, Nebr.
Lang Chemical Co., boiler compound, 307 Grand River av, Detroit, Mich.
Lang & Cochran, machinists, Wasca, Minn.
Lang, David S., architect, 110 34th, New York
Lang, E. & C., stone producers, Columbus, Ohio.
Lang, E. D., stone producers, Canton, Ohio.
Lang, E. M., Co., soldering, canning & sizing machs., etc., Portland, Me.
Lang, Eugene J., architect, 477 5th av, New York.
Lang, F. S., Mfg. Co., stove mfrs., Seattle, Wash.
Lang, Hy., Co., patent lthr., 17th av, Newark, N. J.
Lang, J. A., & Sons, mach'y, 280 Dover, Boston, Mass.
Lang, J. B., Engine & Garage Co., machsts. & fndrs., Ithaca, N. Y.
Lang, J. M., & Co., acid phosphate, Savannah, Ga.
Lang, John, Paper Co., 24th & Vine, Philadelphia, Pa.
Lang Propeller Co., airplane propirs., 527 5th av, New York.
Lang, R. B., Mfg. Co., machsts., Racine, Wis.
Lang, Robt. A., architect, Eau Claire, Wis.
Lang & Scharmann, machsts. & fndrs., Marshfield, Wis.
Lang-Smith, lbr., Lovelady, Texas.
Lang, Wm., & Sons Co., iron, Patterson nr. Bank, Cincinnati, Ohio.
Lang & Witchell, architects, Southwestern Life Bldg., Dallas, Tex.
Langan, P. T., Lumber Co., Cairo, Ill.
Langan, Thos., Lumber Co., Perth Amboy, N. J.
Langdon, C. S., lbr. mfrs. & wholesale dlrs., 71 Beaver, New York.
Langdon & Hohly, architects, Nicholas Bldg., Toledo, Ohio.
Langdon, Horace, machinist, Monterey, Cal.
Langdon, Jas. G., landscape arch., Munsey Bldg., Baltimore, Md.
Lange, August K., pipe hooks, clamps & hangers, 606 E. 15th, New York.
Lange & Bergstrom, contractors, Tinken bldg, San Diego, Cal.
Lange Bros., contrs., Champaign, Ill.
Lange Canning Co., Eau Claire, Wis.
Lange, Ferdinand, contractor, Wilkes-Barre, Pa.
Lange, H. G., machst., 162 N. May, Chicago, Ill.
Lange Machine Works, cutter heads & stove rejoining machy Aurora, Ill.
Lange Motor Truck Co., 5th & Hamilton av, Pittsburgh, Pa.
Lange Soap Co., oils, San Antonio, Tex.
Langelier Mfg. Co., builders of multiple drilling, hammering & swaging machines, Arlington, Providence, R. I.
Langenau Mfg. Co., hdwe. mfrs., 8403 Franklin av, N. W., Cleveland, Ohio.
Langenberg, Wm. E., common brick, Stevens Point, Wis.
Langenberger Const. Co., 302 6th, Milwaukee, Wis.
Langenbrunner & Son, horse collars, 315 Hammond, Cincinnati, Ohio.
Langenfeld, Jno., machst., Marytown, Wis.
Langer, Nathan, architect, 81 E. 125th, New York.
Langfeld Bros. & Co., advtg. nov., 1421 Wallace, Phila., Pa.
Langford, Geo. W. Co., contractors, Louisville, Ky.
Langguth Olson Co., elect. irons, 120 Liberty, New York.
Langham, Wm., masons' & bldrs.' matls., Keysport, Ill.
Langille, Louis E., architect, 1657 Juneway Tr, Chicago, Ill.
Langlade Lbr. Co., Antigo, Wis.
Langland Mfg. Co., pckg. box, sash, door & blind mfrs., Muskegon, Mich.
Langley, Chas. A., contractor, 310 12th, N. W., Washington, D. C.
Langley, Edward, architect, Connell Bldg., Scranton, Pa.
Langley, Geo. H., Lbr. Co., Rochester, N. H.
Langley & Scampini, granite, Concord, N. H.
Langlois Co., mill & facty. supplies, Racine, Wis.
Langmaid, J. P., & Son, masons' & bldrs.' matls., 311 Derby, Salem, Mass.
Langrall, J., & Bro., canned goods, 2105 Aliceanna, Baltimore, Md.
Langsenkamp, F. H., faucets, pipe bends, etc., Indianapolis, Ind.
Langsenkamp-Wheeler Brass Wks.. machsts. & fndrs., Indianapolis, Ind.
Langslow, Fowler Co., school furniture, Rochester, N. Y.
Langstad & Meyer Co., elec. light plants, Appleton, Wis.
Langstaff-Orm Lumber Co., Paducah, Ky.
Langston Lime & Cement Co., Salt Lake City, Utah
Langston, Sam'l M., Co., textile machy. supplies, etc., Camden, N. J.
Langstroth, T. W., horse feed bags, blankets, halters, surcingles, etc., 77 Warren, New York.
Langtry Mach. & Tool Co., 700 Commonwealth av, Detroit, Mich.
Langville Woolen Mills, blankets, flannels, woolen, Langville, Pa.
Langworthy, Leslie P., architect, 37 Weybosset, Providence, R. I.
Lanigan Bros., contractors, Bronx River & 165th, New York.
Laning, Geo. D., canned goods, Bridgeton, N. J.
Laning, W., & Son Co., canned goods, Bridgeton, N. J.
Lankford, Robt., dry docks & marine rys., Bayonne, N. J.
Lanman, E. B. Co., iron washers, hot pressed nuts, East Chicago, Ind.
Lanman, Wm. H., contractor, 165 B'way, New York.
Lann & Carter Hardware Co., Aberdeen, Miss.
Lannert Co., machsts., Cleveland, Ohio.

Lannert Mfg. Co., carriages, Evansville, Ind.
Lanning, W. L., architect, Wilson bldg, Yakima, Wash.
Lannon, John, stone producers, Plainfield, N. J.
Lanoix, Alphonse, brick, Gonic, N. H.
Lanpher Carriage & Auto. Co., Carthage, Mo.
Lanpher, H. S., & Co., granite paving blocks, 90 West, New York.
Lanquist & Illsley Co., contractors, 1100 N. Clark, Chicago, Ill.
Lansburgh, G. Albert, architect, 709 Mission, San Fran., Cal.
Lansdale Fndry. Co., heating boilers, Lansdale, Pa.
Lansdale Pure Food Co., canned goods, 1227 Germantown av, Philadelphia, Pa.
Lansden Co., stor. battery trucks, & auto. bldrs., 2211 Nostrand av, Brooklyn, N. Y.
Lansdowne Constr. Co., Lansdowne, Pa.
Lansdowne, J. T., canned goods, Stone Mountain, Va.
Lansing, A. F., architect, Sherman Bldg., Watertown, N. Y.
Lansing, Bley & Lyman, archts., Prudential Bldg., Buffalo, N. Y.
Lansing Co., lbr., Parkin, Ark.
Lansing Co., machsts. & fndrs., Lansing, Mich., & 348 Brannan, San Francisco, Cal.
Lansing Elec. Engng. Co., 123H E. Ottawa, Lansing, Mich.
Lansing Foundry Co., Lansing, Mich.
Lansing Lbr. Co., sash, door & blind mfrs., 824 N. Main, Providence, R. I.
Lansing Motor & Pump Co., machsts. & fndrs., Lansing, Mich.
Lansing Silo Co., tanks, Lansing, Mich.
Lansing Stamping & Tool Co., Lansing, Mich.
Lansing & Oakley, architects, 70 W. Chippewa, Buffalo, N. Y.
Lansing Body Co., Lansing, Mich.
Lansing Wheelbarrow Co., Lansing, Mich.
Lanski, I., & Son Scrap Iron Co., 2117 S. Jefferson, Chicago, Ill.
Lanston Monotype Mach. Co., type setting machines, 24th & Locust, Philadelphia, Pa.
Lanterman, Wm., contractor, Easton, Pa.
Lantz, Edw., architect, 1139 Olive, St. Louis, Mo.
Lantz, Fred, brick, Pioneer, Ohio.
Lantz, I. M., sashes, doors & blinds, McArthur, Ohio.
Lantz, W. R., Mfg. & Supply Co., carriages, truck bodies, etc., Muskogee, Okla.
Lanum, S. O., Planing Mill Co., sash, door & blind mfrs., Bloomington, Ind.
Lanyon, D. N., brick, Hillsdale, Ind.
Lanyon, Robert, Zinc & Acid Co., Hillsboro, Ill.
Lanz, A., & Sons, machsts. & fndrs., Monroe, Wis.
Lanz, Louis, soap, Oakland, Cal.
Lanz, M. Bolt Co., 2907 Carson, Pittsburgh, Pa.
Lanz, Owen, & Co., laundry & school bags, 392 Florida, Milwaukee, Wis.
Lanzit Corrugated Paper Co., boxes, 2039 S. Morgan, Chicago, Ill.
Lanzon Furniture Co., elec. portables & silk shades, Grand Rapids, Mich.
Lanzuis Aircraft Co., aeroplanes & supplies, Woolworth Bldg., New York.
Lapachet, A. L., architect, 110 Sutter, San Francisco, Cal.
Lapat, L., scrap iron, Paterson, N. J.
Lape, John F., architect, 36 State, Albany, N. Y.
Lapel Bottle Co., Lapel, Ind.
Lapel Canning Co., Lapel, Ind.
Laphan, John G., Engineering Co., refrigeration engrs., 30 New York.
Lapi, Salvatore L., architect, 81 Johnson Pk, Buffalo, N. Y.
Lapides & Kalison, elec contrs., New Haven, Conn.
Lapierre, A. A., & Co., granite producers, Concord, N. H.
La Pierre H. M. ("Dudie") Co., auto steering wheels, 1314 W. 21st, Chicago, Ill.
La Pierre, Lester S., architect, 101 Park av., New York
La Pierre Mfg. Co., silver nov, Newark, N. J.
La Pierre-Sawyer Handle Co., Jackson, Mo.
La Plant-Choate Mfg. Co., capstans, movers' rollers, trucks & stump pullers, Cedar Rapids, Ia.
La Point Foundry Co., grey iron & semi steel castings, Schleisingerville, Wis.
Lapoint & Sullivan, bldg. contrs., Burlington, Vt.
La Pointe, Henry, architect, Miami, Fla.
Lapointe, J. N., Co., machsts., New London, Conn.
Lapointe Machine Tool Co., machsts. & fndrs.—broaching machy., Hudson, Mass.
La Porte Braiding Mills Co., laces, La Porte, Ind.
La Porte Canning Co., La Porte, Ind.
La Porte Fdy. & Furnace Co., La Porte, Ind.
La Porte Harness Co., La Porte, Ind.
La Porte Mat & Mfg. Co., La Porte, Ind.
La Porte Sash & Door Co., La Porte, Ind.
Lapp Insulator Co., LeRoy, N. Y.
Laopan, Jas., Mfg. Co., steel stacks, 20th & Pike, Pittsburgh, Pa.
Lapworth Webbing Co., Brockton, Mass.
Laoworth, Wm., & Sons, elastic webbing, Milford, Mass.
Larabee, Chas. P., contr., Mendota, Ill.
Laragy, P., fndrs., Hartford, Conn.
Laramore, O. O., machsts., Portage, Ohio.
Larendon, M. W., & Co., pitch, turpentine & rosin mfrs., 82 Wall, New York.
Large Bros. Lbr. Co., N. Tonawanda, N. Y.
Large, Dail, Mfg. Co., panel board cabinets & switchboard, 606 Cherry, Phila., Pa.
Large, J. E., architect, Bay City, Tex.
Large, Wm. H., machst., Pottstown, Pa.
Larick-Stough Co., pipe threaders, Frankfort, Ind.
Lariew, J. R., mattresses, Elmira, N. Y.
Larimer County Co-operative Milk Condensing Co., Loveland, Colo.
Larimer, E. K., Hardware Co., Cedar Rapids, Ia.
Larke, Simon, architect, 719 Main, Niagara Falls, N. Y.
Larkin-Carey Co., contrs., New Haven, Conn.
Larkin, C. J., contrs., Rock Island, Ill.
Larkin & Co., contrs., Memphis, Tenn.
Larkin & Co., machsts., sand pumps, etc., Butler, Pa.
Larkin Co., soap, glycerine, etc., 663 Seneca, Buffalo, N. Y.
Larkin, E. L., architect, 209 W. 34th, New York.
Larkin, J. J., machst. & fndr., Bartlesville, Okla.
Larkin, J. J., oil & gas well packers, Bartlesville, Okla.
Larkin, J. K. & Co., whol. hdwe., 253 Broadway, New York.
See adv. index at end of book.
Larkin, M. D., Supply Co., mill & facty. supplies, Dayton, Ohio.
Larkin Mfg. Co., coupling expanding machs. & fire extinguishers, Dayton, Ohio.
Larkin, Michael, & Son, contractors, 519 E. 16th, New York.
Larkin, P. J., submarine divers, 3 Coenties Slip, New York.
Larkin Reed Co., tex. machy., supplies, etc., Danielson, Conn.
Larkins, John P., architect, Downs bldg, Seattle, Wash.
Larmon, L. M., flour mills, Alvaton, Ky.
Larmon, Philip, architect, care of Libby, McNeil & Libby, U. S. Yards, Chicago, Ill.
Larner-Johnson Valve & Engng. Co., Widener bldg, Philadelphia, Pa.
La Roche, E. B., architect, Jefferson Co. Bank Bldg., Birmingham, Ala.
Larrabee, Albert S. (Est. of), Lakewood, N. J.
Larrabee, C., Jr., stone producers, Willimantic, Conn.
Larrabee-Deyo Motor Truck Co., Binghamton, N. Y.
Larrabee, John E., Co., whol. hdwe., Amsterdam, N. Y.
Larrivee, Sam'l, contractor, Williamsport, Pa.
Larrowe Buckwheat Flour Corp., Cohocton, N. Y.
Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.
Larrowe Milling Co., buckwheat flour, Cohocton, N. Y.
Larsen, Adolph C., contr., 7701 Oglesby av., Chicago, Ill.
Larsen, Anton, & Son, dumb waiters, Brook av & 134th, New York.
Larsen, C., & Co., mouldings, 401 N. Leavitt, Chicago, Ill.
Larsen, Chris., contractor, 110 Jessie, San Francisco, Cal., & Hennen Bldg., New Orleans, La.
Larsen, Clarence H., architect, Terminal Bldg., Lincoln, Neb.
Larsen Constr. Co., Oshkosh, Wis.
Larsen Contr. Co., Stone Harbor, N. J.
Larsen, Fred, contrs., Kenosha, Wis.
Larsen, Hans, sashes, doors & blinds, Rawlins, Wyo.
Larsen, Holger E., machsts., Janesville, Wis.
Larsen, Ivert, machsts., 221 N. Elizabeth, Chicago, Ill.
Larsen Lumber Co., Jeffris, Wis.
Larsen-Sampson Co., contrs., Crocker Bldg., San Francisco, Cal.
Larsen, Wm., Canning Co., Green Bay, Wis.
Larson Bros., ventilator mfrs., Johnsonburg, Pa.
Larson, C. A., cornices & skylights, Sioux City, Ia.
Larson, Chas. E., die forgings, case hardening & heat treating, 111 N. Desplaines, Chicago, Ill.
Larsen, C. F. & Sons, contrs., Orion, Ill.
Larsen, Nils, contr., Danbury, Conn.
Larson, O. F., contractor, Prov. Bldg., Tacoma, Wash.
Larson & Carlson, granite, Concord, N. H.
Larsen-Danielson Const. Co., contrs., La Porte, Ind.
Larson Hardware Co., Sioux Falls, S. D.
Larson, L. P., architect, Chicasha, Okla.
Larson, Oscar, contrs., 515 Quinnipiac av, New Haven, Conn.
Larson, Peter, brick, Barronett, Wis.
Larsen, Peter A., contr., Geneseo, Ill.
Larson, Thos., brick, Shawano, Wis.
La Rue Tile Co., La Rue, Ohio.
Larzelere, H. L., architect, Mercantile Bldg., Rochester, N. Y.
La Salle Cement Co., see Alpha Portland Cement Co., (successors).
La Salle County Carbon Coal Co., La Salle, Ill.
La Salle Mach. & Tool Co., La Salle, Ill.
La Salle Paper Co., South Bend, Ind.
La Salle Portland Cement Co., La Salle, Ill.
La Salle Pressed Brick Co., La Salle, Ill.
La Salle Steel Co., alloy & automobile, S. Halsted & 23d, Chicago, Ill.
Lasar Mfg. Co., machsts. & fndrs., 1313 16th, St. Louis, Mo.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Las Camas Mill & Flume Co., lbr., Camas, Wash.
Lasche, Alfred, Co., mattresses, 960 N. 2nd, Phila., Pa.
Lash, A. F., masons' & bldrs.' matls., 25 D, Boston, Mass.
Lash Lee Studios, scenic artists, 308 E. 48th, New York.
Lash, David H., contractor, 720 Grandview av, Pittsburgh, Pa.
Lasker & Bernstein, sponges & chamois imp., 161 William, New York.
Lasker & Minck, castings, steel structural work, etc., 220 B'way, New York.
Lasley, W. M., contractor, Temple ct, Minneapolis, Minn.
Laspia & Salvati, architects, 525 Grand, Brooklyn, N. Y.
La Spina, Peter Co., granite & stone prod., 2 Canal pl, New York.
Lassiter, A. L., & Bro., architects, Paducah, Ky.
Lassiter, C. J., corn & flour mills, Raleigh, N. C.
Lassiter, Robert G., & Co., contractors, Oxford, N. C.
Las-Stik Patch Mfg. Co., Hamilton, Ohio.
Lasure Friction Clutch Pulley Co., Madison, Wis.
Latane & Watson, canned goods, Munford, Va.
Latenser, Jno., & Sons, architects, Peters Trust bldg, Omaha, Neb.
Latham & Co., spray pumps, Sandusky, Ohio.
Latham & Crane, contractors, Willimantic, Conn.
Latham, E. B., & Co., incandescent lamp replacers, 4 Murray, New York.
Latham, Edgar H., contrs., Columbus Saving & Trust Co., Columbus, Ohio.
Latham, M., architect, 542 Montgomery, San Francisco, Cal.
Latham Machy. Co., 1153 Fulton, Chicago, Ill.
Latham & Walters, contrs., State Life Bldg., Indianapolis, Ind.
Lathbury, B. B., testing laboratories, Franklin Bank Bldg., Philadelphia, Pa.
Lather & Carlton, architects, O'Neil Bldg., Binghamton, N. Y.
Lather, Geo., contractor, Traverse City, Mich.
Lathey Steel Type Co., see Lovejoy Tool Works (successor).
Latrobe Die & Casting Co. Latrobe, Pa.
Latrobe Tool Co., drills & reamers, Latrobe, Pa.
Lathrop, C. P., & Co., masons' & bldrs.' matls., 1600 E. Marshall, Richmond, Va.
Lathrop, C. S., contractor, Lima, Ohio.
Lathrop, H. R., & Co., crude drugs, stearate zinc, etc., 116 Beekman, New York.
Lathrop, J. W., Co., machsts. & fndrs., Mystic, Conn.
Lathrop Lumber Co., Birmingham, Ala.
Lathrop, Noah, & Son, lbr., Bristol, Vt.
Lathrop & Shea Co., contractors, 185 Church, New Haven, Conn.
Lathrop, Shea & Henwood Co., contractors, Scranton, Pa.
Lathrop, T. A., contractor, 418 Central av, S. E., Minneapolis, Minn.
Lathwood Foundry Co., 30th & Wayne, Pittsburgh, Pa.
Latimer & Lawrence Packing Co., canned goods, Biloxi, Miss.
Latimer, R. L., & Co., mill & facty. supplies, 24 N. Front, Philadelphia, Pa.
La Tosca Knitting Co., sweaters, cardigans, etc., Utica, N. Y.
Latourette-Fical Co., cornices, Sacramento, Cal.
Latourrette-Fical Co., machsts., Oak Park, Cal.
Latrobe Brick Co., Latrobe, Pa.
Latrobe-Connellsville Coal & Coke Co., bituminous, Greensburgh, Pa.

Latrobe Elec. Steel Co., Latrobe, Pa.
Latshaw Belting & Supply Co., mill & factory supplies, Omaha, Neb.
Latta-Martin Pump Co., Hickory, N. C.
Latterner, Arthur, plumbers' & steam fitters' supplies, wholesale, 602 Pennsylvania av, N. W., Washington, D. C.
Lattig-Shimer Mfg. Co., school furn., Bethlehem, Pa.
Lattimer Fndry. & Mach. Co., Lattimer Mines, Pa.
Lattimer-Stevens Co., swivels & meter seals, 74 E. Gay, Columbus, Ohio
Lattimer Stove Co., fndrs., Columbus, Ohio.
Lattimer Supply & Machy. Co., mill & factory supplies, Lattimer, Pa.
Lattimer, W. H., & Sons, rattan furniture, Orwell, N. Y.
Lattner, P. M. Mfg. Co., steam generators, garage heaters, etc., Cedar Rapids, Ia.
Latz, Hy., contrs., Joliet, Ill.
Laub Bros., trunk mfrs., Louisville, Ky.
Laubenheimer, Geo. E., Co., brewers' machy., 17 N. La Salle, Chicago, Ill.
Laubenstein Mfg. Co., perforated metals, screens, Ashland, Pa.
Laubenthal Lbr. Co., Sunflower, Ala.
Lauber, Alb., cornices & skylights, 433 W. 42d, New York.
Lauber, J. C., & Co., cornices, South Bend, Ind.
Laub's, Geo., Sons, shoe thread, Buffalo, N. Y.
Lauby, C. W., cornices & skylights, Vincennes, Ind.
Laucks, I. F. Inc., testing laboratories, chemists, etc., 99H Marion, Seattle, Wash.
Laud, Mrs. E. A., lumber, New Madrid, Mo.
Laue Mfg. Co., boiler flue blowers, Chicago Heights, Ill.
Lauer Bros., contrs., ft. of Chestnut, St. Paul, Minn.
Lauer, J. J., cornices, Ashland, Pa.
Lauer, J., & Sons, contractors, 10 Portland, Pittsburgh, Pa.
Lauer, Jno., Mach. Co., crankshafts, 110 St. Antoine, Detroit, Mich.
Lauer, M. P., architect, Hamilton Bldg., Akron, Ohio.
Lauer, N., masons' & bldrs.' matls., Ottoville, Ohio.
Lauffer, W. A., Co., granite producers, 2319 Liberty av, Pittsburgh, Pa.
Laughlin, Alex., & Co., furnaces & gas producers, 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Laughlin & Barney, mill & factory supplies, Union Arcade, Pittsburgh, Pa.
Laughlin, Homer, China Co., East Liverpool, Ohio.
Laughlin Homer, Engineers Corp., 2652 Long Beach av, Los Angeles, Cal.
Laughlin, John, mill & facty. supplies, Cohoes, N. Y.
Laughlin Mfg. Co., fountain pen mfrs., Fine Arts Bldg., Detroit, Mich.
Laughlin, Thos., Co., marine hdwe., & galvanized iron & brass, Portland, Me.
Laughlin, W. F., & Son, contractors, Altoona, Pa.
Laughlin, Wm. M., architect, New Kensington, Pa.
Laughton Pad Co., Westfield, Mass.
Lauhoff Bros., machsts., 35 Chene, Detroit, Mich.
Lauk Bros., contractors, 3257 Granshaw, Chicago, Ill.
Laun, J. B., lumber, Kiel, Wis.
Laun Mach. Co., mixers, 715 Root, Chicago, Ill.
Laundryette Mfg. Co., clothes washing machines, H. E. 152nd, Cleveland, Ohio.
Laura, John, & Co., plastic slate roofers, 101 Park av, New York.
Lauraine Magneto Co., Inc., spark plugs, etc., 181 13th, Long Island City, N. Y.
Laurel Canning Co., Laurel, Del.
Laurel Cut Glass Co., Jermyn, Pa.
Laurel Mach. & Fdry. Co., Laurel, Miss.
Laurel Mfg. Co., cornices, 627 N. 3d, Philadelphia, Pa.
Laurel Mills, sheetings & tickings, Laurel, Miss.
Laurel Motor Car Co., Richmond, Ind.
Laurel Motor Corp., auto bldrs., Anderson, Ind.
Laurel Oil & Fertz. Co., Laurel, Miss.
Laurel River Lumber Co., Jennings ton, W. Va.
Laurel Co., rubber goods, Garfield, N. J.
Laurel Soap Mfg. Co., Inc., 1528 Frankford av, Phila., Pa.
Laurence Belting Co., belting mfrs., 111 Chambers, New York.
Laurent Cherry Pulley Block Co., wire pullers & tackle block, Trenton, N. J.
Laurents & Hartshorn Packing Co., meat packers, Ft. Wayne, Ind.
Laurie, Jas., brick, Scranton, Pa.
Laurinburg Oil Co., Laurinburg, N. C.
Lauritzen Construction Co., Waterloo, Ia.
Lauritzen, John, Co., contractor, Fergus Falls, Minn.
Lauritzen, L., architect, 65 DeKalb av, Brooklyn, N. Y.
Laursen Automatic Pump Co., hydraulic, water driven, & deep well, Menomonie, Wis.
Lausberg & Macke, church furniture, Louisville, Ky.
Lauson, C. E., Brass Fdy., Briston, Conn.
Lauson, John, Mfg. Co., machsts. & fndrs.—traction engines, New Holstein, Wis.
Lauson-Lawton Co., machsts. & fndrs.—clutches, elec. light plants, De Pere, Wis.
Lauter Co., pianos, 593 Broad, Newark, N. J.
Lauter, H., Co., music cabinets, W. Wash. & Harding, Indianapolis, Ind.
Lauth, Philip, contractor, 29 S. La Salle, Chicago, Ill.
Lautz Bros. & Co., glycerine, Buffalo, N. Y.
Lautz Co., Onyx, etc., Buffalo, N. Y.
Lautz Missouri Marble Co., Carthage, Mo.
Lautz, Wm. H., architect, 64 E. Van Buren, Chicago, Ill.
Lavaller, Theophile, contractor, Watervliet, N. Y.
Lavanburg, Fred. L., arsenate of lead, Paris green, etc., 100 William, New York.
La Vante, N. H., architect, Syracuse Saving B'k bldg., Syracuse, N. Y.
Lavelle Fndry. Co., Anderson, Ind.
Lavelle Rubber Co., mill & factory & plumbers supplies, 413 W. Franklin, Chicago, Ill.
Lavender, Jas. B., architect, Hinton, W. Va.
Lavenson Bureau, signs, metal litho., 308 Walnut, Phila., Pa.
La Vergne Pump Co., 284 N. 5th, Newark, N. J.
Lavey, James B., potter, Milan, Ohio.
Lavine Gear Co., Racine, Wis.
Lavino, E. J., & Co., ores, Bullitt Bldg., Philadelphia, Pa.
Lavo Co., soap, 48 7th, Milwaukee, Wis.
Law & Burwell, granite producers, Union & Ogden, Phila., Pa.
Law, Ernest, & Co., pig iron & coke dlrs., Harrison Bldg., Philadelphia, Pa.
Law, F. A., Mach. Co., Hartford, Conn.
Law, J. Douglas, Co., hdwe—wholesale, mill & facty. supplies, Springfield, Mass.
Law, Jas. R., architect, Madison, Wis.
Law, John H., masons' & bldrs.' matls., Hollidaysburg, Pa.
Law, Martha, common brick, Chester, Pa.
Law & Co., chemists, Atlanta, Ga.
Lawder, Arthur A., & Sons, carriages, 6910 Lafayette, Chicago, Ill.
Lawler, Allen J., canned goods, Southwest Harbor, Me.
Lawler Bros., contractors—dock bldrs., 16 City sq, Chan., Boston, Mass.
Lawler Iron Wks., 44 Gull, Buffalo, N. Y.
Lawler Regulator Co., boiler couplings, water, feeders, etc., apparatus, 55 W. Houston, New York.
Lawler Rubber & Supply Co., mill supplies, Canton, Ohio
Lawler Water Feed & Damper Regulator Co., regulators, steam traps, etc., 55 W. Houston, New York.
Lawless Bros., contractors, 1072 3d av, New York.
Lawless Paper Co., Rochester, N. Y.
Lawley, Geo., & Son Corp., yacht & motor boat bldrs., Neponset, Boston, Mass.
Lawlor, Jno. J., architect, 360 W. 23d, New York.
Lawlor & Haase architects, 15 W. 38th, New York
Lawn, Jno. A., washboard mfrs., Lewiston, Pa.
L. A. W. Nov. Co., garment hangers, Springfield, Mass.
Lawrence, A. I., architect, Burlington, Vt.
Lawrence, A. J., architect, 123 W. Madison, Chicago, Ill.
Lawrence Airplane Model & Supply Co., toys, 567 West Van Buren, Chicago, Ill.
Lawrence Belting Co., 111 Chambers, New York.
Lawrence, Bostwick Mfg. Co. (Ltd.), tinware mfrs., Phelps, N. Y.
Lawrence Bros., machsts. & fndrs., Sterling, Ill.
Lawrence Bros., masons' & bldrs.' matls., Yonkers, N. Y.
Lawrence Bros. Co., lbr., South Gardiner, Me.
Lawrence Canning Co., Rockland, Me.
Lawrence Construction Co., Augusta, Ga.
Lawrence Contrg. Co., 2409 Walton av, New York.
Lawrence Duck Co., Lawrence, Mass.
Lawrence, Ell, Jr., heating contractors, Burlington, N. J.
Lawrence, F. D., Elec. Co., elec. mine supplies, 219 W. 4th, Cincinnati, Ohio.
Lawrence Felting Co., Millville, Mass.
Lawrence Fdry. Co., Grove City, Pa.
Lawrence, Geo., Co., harness, saddles, etc., Portland, Ore.
Lawrence, Geo. E., speedometers, Bullitt Bldg., Philadelphia, Pa.
Lawrence Granite Co., Lawrence, Mass.
Lawrence, Harry A., & Co., sash, door & blind mfrs., Fitchburg, Mass.
Lawrence & Hill, machsts., Watertown, N. Y.
Lawrence & Holford, architects, Chamber of Com., Portland, Ore.
Lawrence, I. G., contractor, Durham, N. C.
Lawrence Iron Works, Lawrence, Kans.
Lawrence, J. Custis, architect, East Hampton, N. Y.
Lawrence, L., & Co., brass fndrs., 252 Halsey, Newark, N. J.
Lawrence, Lewis M., architect 125 Tremont, Boston, Mass.
Lawrence Limestone Co., New Castle, Pa.
Lawrence Lumber Co., Lawrence, Mass.
Lawrence-McFadden Co., iron fillers, varnish mfrs., etc., 1400 Fkd. av, Philadelphia, Pa.
Lawrence Machine Co., steam & motor driven centrifugal pumps, mfrs., 42 Island, Lawrence, Mass.
See adv. index at end of book.
Lawrence Mfg. Co., gasoline lamps, & talking machine specialties, 704 N. Sangamon, Chicago, Ill.
Lawrence, P. M., & Co., porch columns, Augusta, Me.
Lawrence Paint Co., plate glass, Binghamton, N. Y.
Lawrence Paper Co., 151 Spring, New York.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Lawrence Portland Cement Co., Siegfried, Pa.
Lawrence Pump & Engine Co., Marston, Lawrence, Mass.
Lawrence Rubber Co., mill & factory supplies, Lawrence, Mass.
Lawrence Sand Co., New Castle, Pa.
Lawrence Shot & Lead Co., pipes, Omaha, Neb.
Lawrence Steel Construction Co., structl. wk., 3324 Smallman, Pittsburgh, Pa.
Lawrence, W. E., architect, Glens Falls, N. Y.
Lawrence, W. W., & Co., enamels, W. Caron, Pittsburgh, Pa.
Lawrence, Warrington G., architect, 37 E. 28th, New York
Lawrenceburg Lumber Co., Lawrenceburg, Ind.
Lawrenceburg Milling Co., flour, Lawrenceburg, Tenn.
Lawrenceburg Roller Mills Co., flour & feed, Lawrenceburg, Ind.
Lawrenceville Bronze Co., babbit metal, Bessemer Bldg., Pittsburgh, Pa.
Lawrenceville Fertilizing Co., Lawrenceville, Ga.
Lawrenceville Mill & Ice Corp., flour, Lawrenceville, Va.
Lawrie, Harry, architect, Paxton blk, Omaha, Neb.
Lawry, E H., canned goods, Lawry, Me.
Lawson Aircraft Co., aeroplanes & supplies, Green Bay, Wis.
Lawson, C. E., machsts., brass & composition fndrs., Bristol, Conn.
Lawson & Co., Inc., boring & drilling heads, 416 W. 33d, New York.
Lawson, C. K., Hardware Co., Hastings, Neb.
Lawson, F. A., railroad equipt., 525 Market, San Francisco, Cal.
Lawson, F. H., Co., tin plate, ovens, etc., Cincinnati, Ohio.
Lawson, H. J., cornices & skylights, Manchester, N. H.
Lawson Hardware Co., Newburgh, N. Y.
Lawson, J. F., contractor, Jamestown, N. Y.
Lawson, Jacob, Bag Co., burlap, 264 Water, New York.
Lawson Mfg. Co., heaters, Lexington & Thomas, Pittsburgh, Pa.
Lawson Mfg. Co., hinges & door butts, 230 W. Superior, Chicago, Ill.
Lawson & Nelson Sash & Door Co., 160 Western av, Minneapolis, Minn.
Lawson, O. P., heaters, stoves, Homestead, Pa.
Lawson Piano Co., 372 E. 149th, New York.
Lawson, T. D., masons' & bldrs.' matls., Tullahoma, Tenn.
Lawsonham Coal Co., St. Mary's, Pa.
Lawton & Bushman, machsts. & fndrs., Burlington, Wis.
Lawton, Chas. A., Co., machsts. & fndrs., De Pere, Wis.
Lawton, Geo. W., archit., Alaska Bldg., Seattle, Wash.
Lawton, Lewis, & Sons, contractors, Trenton, N. J.
Lawton Spinning Co., cotton thread, Woonsocket, R. I.
Lawton-Stephens Co., fire proof doors, mouldings, etc., 427 Marcy av, Brooklyn, N. Y.
Lawton Tractor Co., St. Marys, Ohio.
Lawton, Wm., machst. & fndr., Kingston, N. Y.
Lawton, W. M., mill & factory supplies, Utica, N. Y.

Lay, Chas., Downing, landscape archt., 15 E. 40th, New York.
Lay, Jos., Co., brooms, brushes, scrapers, Ridgeville, Ind.
Laycock-Brossman Mfg. Co., bicycles, Indianapolis, Ind.
Laycock Lbr. Co., 863 Eagle, Buffalo, N. Y.
Laycock, T. B., Son & Co., juvenile bicycles, Indianapolis, Ind.
Laycock, W., Co., machsts. & fndrs., Libertyville, Ill.
Layer, Robt., architect, 19 N. La Salle, Chicago, Ill.
Layman, A. C., Mach. Co., Wilmington, Del.
Layman Bros. Co., canned goods, Daleville, Va.
Layman, C. A., canned goods, Troutville, Va.
Layman, J. W., canned goods, Troutville, Va.
Layman Pressed Rod Co., Inc., connecting rods, 25 Broad, New York.
Layman, Wm. F., canned goods, Roanoke, Va.
Layne & Bowler Co., pumps—turbine, 37 N. Van Buren, Chicago, Ill., & Memphis, Tenn.
LAYNE & BOWLER CORP., wall screens & pumps, 900 Santa Fe av, Los Angeles, Cal.
See adv. index at end of book.
Lays Bros., contractors, Brockton, Mass.
Layton Co., meat packers, Muskego av, Milwaukee, Wis.
Layton Elastic Glue Co., 703 Fulton, Chicago, Ill.
Layton Fire Clay Co., brick, McKeesport, Pa.
Layton, Fred'k W., contractor, Haller Bldg., Seattle, Wash.
Layton, J. R., architect, Johnstown, Pa.
Layton, Jos., contractor, Far Hills, N. J.
Layton Milling & Elevator Co., flour, Layton, Utah.
Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.
Layton & Smith, archts., Majestic Bldg., Oklahoma City, Okla.
Lazansky, Emil, wholesale plate & window glass, 324 Myrtle av, Brooklyn, N. Y.
Lazar & Lazarus, trunk mfrs., 1230 S. Jefferson, Chicago, Ill.
Lazard Godchaux Co., chemical imps., 100 William, New York.
Lazarides Mfg. Co., arc lamps, 56 Beekman, New York.
Lazarus, Edgar M., architect, Chamber of Com., Portland, Ore.
Lazarus, J. & Co., umbrella mfrs., 74 Franklin, New York.
Lazarus, Lewis, & Sons, tin importers, 61 Broadway, New York.
Lazarus, M. H., Co., whol. hdwe., Charleston, S. C.
Lazarus Mfg. Co., hand vacuum cleaners, 750 Prospect av, Cleveland, Ohio.
Lazenby, F. A., & Co., cotton machy., winders, etc., 414 Key Highway, Baltimore, Md.
Lazere & Kaplan Iron Wks., archl. & ornamental, 434 E. 124th, New York.
Lazier Gas Engine Co., machsts., 190 Main, Buffalo, N. Y.
L. B. Brass Co., ball cocks, relief valves, Peabody, Mass.
Lea-Courtenay Co., centrifugal pumps, 5 Main, Newark, N. J.
Lea, David M., & Co., packing box mfrs., 1923 E. Maine, Richmond, Va.
Lea, J. Tatnall & Co., coal mines, St. Girard bldg, Phila., Pa.
Lea Lumber Co., box mfrs., Richmond, Va.
Lea Milling Co., flour, Wilmington, Del.
Leabarjan Mfg. Co., music roll perforating machy., Hamilton, O.
Leach, Alfred C., architect, 323 N. Charles, Baltimore, Md.
Leach-Beltwell Motor Co., 4800 Santa Fe av, Los Angeles, Cal.
Leach Bros., machsts. & fndrs., 614 Hood, Portland, Ore.
Leach, Frank. Hdwe. Co., Oshkosh, Wis.
Leach & Garner Co., silver wire, Dept. H, Attleboro, Mass.
Leach & Greene, surgical instruments, 100 Boylston, Boston, Mass.
Leach, Hy., steam & hot water htg. contr., 1103 Fulton Brooklyn, N. Y.
Leach, I. M., Jr., contractor, Wilkes-Barre, Pa.
Leach, J. M. Mfg. Co., stone prod., Kokomo, Ind.
Leach, L. D., & Co., lbr., ties, poles & posts, etc., 343 S. Dearborn, Chicago, Ill
Leach Lbr. & Tie Co., Poplar Bluff, Mo.
Leach, O. G., Hardwood Lbr. Co., Lottie, La.
Leach, Otis, brick, Penobscot, Me.
Leach, Roy, contr., Owaneco, Ill.
Leach Windmill & Tank Co., Joliet, Ill.
Leacock, A. M., armatures, 85 Columbia, Newark, N. J.
Leacock Sporting Goods Co., 921 Locust, St. Louis, Mo.
Lead Lined Iron Pipe Co., fittings & valves, Wakefield, Mass.
Lead Products Co., 3215 Papin, St. Louis, Mo.
Leadbetter, G. E., & Son, Inc., contrs., Leominster, Mass.
Leader Brass Fdry. & Mfg. Co., Cleveland, Ohio.
Leader Buggy Co., Marysville, O.
Leader Button Co., 48 W. 27th, New York.
Leader Iron Works, pumps, tanks, water supply systems, Decatur, Ill.
Leader Machine Co., grain cleaning & grading machy., 2841 N. Francisco av, Chicago, Ill.
Leader Mfg. Co., self-inking stamps, 536 Main, Cincinnati, Ohio.
Leader Plow Co., Staunton, Va.
Leader Tractor Mfg. Co., Des Moines, Ia.
Leading Brass & Metal Co., 2715 Hickory, St. Louis, Mo.
Leadite Co., Land Title Bldg., Phila., Pa.
Leaf, E. B. Co., scrap iron, Real Estate Trust Bldg., Phila., Pa.
Leaf, E. B., Co., machy. dlrs. & railroad equipment & scrap iron, 50 Church, New York.
Leafgreen, Hans A., contractor, 133 W. Washington, Chicago, Ill.
Leahy John J., tank alarms, conduit hangers, 48 Dey, New York.
Leahy, M. H., contractor, 1446 Prospect av, New York.
Leahy Mfg. Co., bee keepers' supplies, etc., Higginsville, Mo.
Leahy, Thos. Bldg. Co., 137 E. 25th, New York.
Leak-Cure Metal Cement Co., pipe joint, 89 Fulton, New York.
Leak, Wall & McRae, mattresses, Rockingham, N. C.
Leake, A. G., Erecting Co. (The), Inc., erectors & riggers, structural steel, ornamental iron, bridges, boilers, machinery, also fabricators of structural steel & ornamental iron work, Ash & Holland av, Bridgeport, Conn.
Leake, Boudinot G., architect, Fort Worth, Tex.
Leake, T. S., & Co., contractors, 608 S. Dearborn, Chicago, Ill.
Leaman, Lafayette, contractor, 1214 N. Y. av, Washington, D. C.
Lean, Roderick, Mfg. Co., agricultural implements, Mansfield, O.
Lear, W. H., lumber, 979 N. Front, Phila., Pa.
Leard & Massey, fertilizer, Hartwell, Ga.
Leard, Wm. Co., machine keys, crankshafts, forgings, rods, strap joints, etc., 16th & 5th av, New Brighton, Pa.
Learman, Frank J., machsts., 150 Ellicott, Buffalo, N. Y.
Learned, A. C. J., contractor, 7 Charles, Providence, R. I.
Learned, Chas. H., architect, Lonesdale, R. I.
Learned Lbr. Co., 711 Lbr. Ex., Minneapolis, Minn.
Learned, R. F. & Son, lumber, Natchez, Miss.
Lears, C. H. & Sons, mattresses, 934 W. Baltimore, Baltimore, Md.
Leary, W. J., Mfg. Co., brick conveyors & machy., 411 Rhode Island, Buffalo, N. Y.
Leas & McVitty, lthr. belting belts, 303 Vine, Phila., Pa.
Leasburg Canning Co., Leasburg, Mo.
Lease, G. D. & W. J., boat oars, Jeffersonville, Vt.
Lease, M. T., contractor, Great Falls, Mont.
Leasure Vacuum Cleaner Co., Bradford, Pa.
Leath, A., & Co., mattresses, Elgin, Ill.
Leather, Geo. E., mosquito netting, 1543 Ruan, Phila., Pa.
Leather & Smith Towing & Wrecking Co., boat bldrs., Sturgeon Bay, Wis.
Leather Tire Goods Co., auto belts, chains, anti-skid chains & tire protectors, Niagara Falls, N. Y.
Leatherbest Co., belting, Dept. H, Trenton, N. J.
Leathers, A. H., Handle Co., Dickson, Tenn.
Leatherstcel Products Co., mats, runners, etc., 73 Long Wharf, Boston, 9, Mass.
Leavens, Frank A., mill & facty. supplies, Neenah, Wis.
Leavenworth Bag Mfg. Co., Leavenworth, Kans.
Leavenworth Bridge Co., steel struct. wk., Leavenworth, Kans.
Leavenworth, J. H., & Son, lbr., Greenville, Miss.
Leavenworth Milling Co., flour, Leavenworth, Kans.
Leaver, P. J. & Co., bldg contr., 1670 E. 20th, Los Angeles, Cal.
Leavery Htg. & Ventilating Co., 306 E. Water, Syracuse, N. Y.
Leavitt, C. W. & Co., ores, metals & alloys, 34 Church, New York.
Leavitt, Chas. W., landscape architect, 220 B'way, New York.
Leavitt, Louis, paint mfrs., 454 Driggs av, Brooklyn, N. Y.
Leavitt Machine Co., valve reseating machy., Orange, Mass.
Leavitt Mfg. Co., machsts. & fndrs., Urbana, Ill.
Leavitt, W. C. Co., cornices & skylights, Norway, Me.
Leavitt & Hayes., contrs., 9H Court, New Britain, Conn.
Leaw Bros., contractors, Ocean Grove, N. J.
Lebam Mill & Timber Co., lumber, Lebam, Wash.
Lebanon Boiler Works, Lebanon, Pa.
Lebanon Chain Wks., Lebanon, Pa.
Lebanon Engineering & Supply Co., Lebanon, Pa.
Lebanon Fertilizer Wks., Lebanon, Pa.
Lebanon Gear & Machine Works, machinists & founders, 17th & Forge, Lebanon, Pa. *See adv index at end of book.*
Lebanon Hdwe Co., whol., 217H 8th, Lebanon, Pa.
Lebanon Iron Co., Lebanon, Pa.
Lebanon Lumber Co., Lebanon, Ky., & Lebanon, Ore.
Lebanon Mach. Co., electricians' drills & auger bits, Lebanon, N. H.
Lebanon Milling Co., flour, Lebanon, Pa.
Lebanon Nov. Co., toys, Lebanon, Pa.
Lebanon Paper Co., see Crown Willamette Paper Co. (successors).
Lebanon Steel Foundry, Lebanon, Pa.
Lebanon Stove Co., fndrs., Lebanon, Pa.
Lebanon Stove Co., Pottstown, Pa.
Lebanon Valley Iron & Steel Co., see Lebanon Iron Co.
Lebanon Woolen Mills, woolen blankets, Lebanon, Tenn.
Le Baron, E. L., Foundry Co., Brockton, Mass.
Lebby Engng Co., supplies, Charleston, S. C.
Lebeck, Leander, contractor, Astoria, Ore.
Lebedjeff, V. V., Eng. & Supply Co., machinery dirs., 227 Fulton, New York.
Lebeis, Edward H., architect, 2 W. 45th, New York
Leber, Edward, architect, York, Pa.
Lebknecher, L., cornices & skylights, Belleville, Ill.
Le Blanc, C. J., fndrs., Franklin, La.
Le Blond, R. K., Machine Tool Co., Cincinnati, Ohio.
Lebo, E. N., contrs., Harrisburg, Pa.
Lebran Co., air compressors, Phila., Pa.
Le Brun, P. L., archit., 111 Joralemon, Brooklyn, N. Y.
Lebzelter, P., & Son Co., rims, bows & shafts mfrs., Lancaster, Pa.
Leck, H. A. Co., contractors, 2511 5th, Minneapolis, Minn.
Leck, Jas., Co., contractors, 311 S. 7th, Minneapolis, Minn.
Le Clair, Fred, lbr., Waterford, Vt.
Leclaire Cabinet Wks., plumbers' woodwork, Edwardsville, Ill.
Leclaire Mfg. Co., fndrs., Edwardsville, Ill.
Le Claire, Marcisse & Co., graphite W. Quincy, Quincy, Mass.
Le Compte Mfg. Co., auto tire holders, bridle bits, 44 Elm, Newark, N. J.
Lecomte & Co., tin cans, Wolcott, Brooklyn, N. Y.
Le Coney, Wm. G., architect, Moorestown, N. J.
Le Count, Wm. G., clamps, wrenches, mandrels, etc., So. Norwalk, Conn.
Lecouteur Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Lecroix, Wm., brick, Colfax, La.
Ledbetter & Greathouse, contractors, Austin, Tex.
Leddell Metals Co., babbit, 281 Borden av, Long Island City, N. Y.
Ledder & Probst, engng. instruments, 21 Pearl, Boston, Mass.
Leddy & Moore, contractors, 105 W. 40th, New York.
Ledebrink, Fred C., architect, 615¼ Hampshire, Quincy, Ill.
Leder Oil Co., Demopalis, Ala.
Lederer Bros. Co., screw mach. products, 100 Stewart, Providence, R. I.
Lederer, S. & B., Co., silver novelties, 100 Stewart, Providence, R. I.
Lederer, Sam'l & Son, fertilizer mfrs., New Brunswick, N. J.
Lederle, Robt. B., steel structural dies, Witherspoon Bldg., Phila., Pa.
Ledger, Jno., stone producer, Ravenrock, N. J.
Ledlie, David B., & Son, contractors, Saratoga Springs, N. Y.
Lednum, J. F., canned goods, Preston, Md.
Lednum, R. I., & Co., canned goods, Pocomoke City, Md.
Ledoux, Augustus D., sulphur ores, 15 William, New York.
Ledoux, J. W., 112 N. Broad, Phila., Pa.
Ledoux & Co., assayers & chemists, 99 John, New York.
Le Doyen, Frank J., Co., metal polish, 827 Mangold, Baltimore, Md.
Lee, Benj., archl. iron, 628 N. 5th, Phila., Pa.
Lees-Bradner Co., milling machines, Cleveland, Ohio.
Lee & Brinton, naval architects, Seattle, Wash.
Lee, Broom & Duster Co., Lincoln, Neb.
Lee Bros., agricultural implements, Watertown, S. D.
Lee Bros., lbr., Rhinelander, Wis.
Lee Canning Co., Hamilton, N. Y.
Lee, Chester A., canned goods, Easton, Md.
Lee-Colt Andreesen Hardware Co., Omaha, Nebr.
Lee, Conrad, sash, door & blinds, Wilkes-Barre, Pa.
Lee, D. J., contractor, Atlanta, Ga.
Lee, Edward B., architect, Chamber of Commerce Bldg., Pittsburgh, Pa.

Lee, Edwin S., flour mills, Coshocton, Ohio.
Lee Elec. Co., desk tel, brackets, 219 N. Calvert, Baltimore, Md.
Lee, Frank H., Co., general contract machsts., Danbury, Conn.
Lee, Geo., masons' & bldrs.' matls., South Whitley, Ind.
Lee, Geo. E., cornices, Piqua, Ohio.
Lee, Geo. E., Co., gas governors, Caxton Bldg., Cleveland, O.
Lee, Geo. H., Co., insecticides, Omaha, Neb.
Lee, H. D., Flour Mills Co., Salina, Kans.
Lee, H. K., machst., Hartford, Conn.
Lee Hardware Co., Salina, Kans.
Lee Hardware Co. Ltd., Shreveport, La.
Lee, Harry C., & Co., sporting & athletic goods mfrs., 97 Chambers, New York.
Lee Htg. Co., steam htg. contr., 3536 B'way, New York.
Lee & Hewitt, architects, 25 W. B'way, New York.
Lee & Hoff Mfg. Co., freight elev. & mach. wk., 65 E. Water, St. Paul, Minn.
Lee, J. Sidney, architect, 5205 Page bldg, St. Louis, Mo.
Lee, James S., architect, 6 Beacon, Boston, Mass.
Lee, Jas W., architect, Seaboard Bk. Bldg., Norfolk, Va.
Lee, John D., soap, Denver, Colo.
Lee, Harry V., architect, Boonton, N. J.
Lee, L. V., brick, Morenci, Mich.
Lee & Lee, architects, 918½ E. Main, Richmond, Va.
Lee Lime Co., Lee, Mass.
Lee Lbr. Co., Tioga, La.
Lee & Lyman Lbr. Co., sash, door & blind mfrs., 2425 E. 18th, Kansas City, Mo.
Lee, M. J., Drain Tile Co., Colfax, Ind.
Lee Marble Wks., Lee, Mass.
Lee Milling Co., flour, Toshes, Va.
Lee Paper Co., Vicksburg, Mich.
Lee & Porter Mfg. Co., machsts. & fndrs., Buchanan, Mich.
Lee, R. E., architect, Clemson College, S. C.
Lee Radtke Hardware Co., cornices & skylights, Baraboo, Wis.
Lee, Rus., brick, Bellmore, Ind.
Lee & Rush, architects, Syndicate Tr. bldg, St. Louis, Mo.
Lee, S. A., flour mills, Lexington, Va.
Lee Spring Co., 353 Classon av, Brooklyn, N. Y.
See adv. index at end of book.
Lee, Stanton P., architect, 55 Third, Troy, N. Y.
Lee, Thomas & Son Co., fireproof doors, ventilators, etc., 129 W. 2nd, Cincinnati, O.
Lee, Thos. Co., architect, 1917 Clarendon, St. Louis, Mo.
Lee, Thos. P., contractor, 5629 Cherry, Philadelphia, Pa.
Lee Tire & Rubber Co., Conshohocken, Pa.
Lee Trailer & Body Co., 2343 S. La Salle, Chicago, Ill.
Lee, W. D., architect, Travelers' Bldg., Richmond, Va.
Lee, W. H., architect, Shamokin, Pa.
Lee W. H., wholesale hdwe., Sutton, W. Va.
Lee, W. J., hubs, carriage & wagon wheel, Arcadia, Mo.
Lee-Warren Milling Co., see Lee, H. D. Flour Mills Co. (successor).
Lee, William, knitted gloves, Needham Heights, Mass.
Lee, Wm. M., cotton batting, Athol, Mass.
Lee-Zurich Alloy Corp., white metals, 35 Calyer, Brooklyn, N. Y.
Leeby, Victor H. Co., machinery dlrs, etc., Fargo, North Dakota.
Leece-Neville Co., auto. starting devices, 5363 Hamilton av, Cleveland, Ohio.
Leech, Austin, architect, 214½ Texas, El Paso, Tex.
Leech, J. C., flour mills, Arden, Pa.
Leech Lake Lbr. Co., 1128 Plymouth Bldg., Minneapolis, Minn.
Leech & Leech, architects, Lima, Ohio.
Leedom, W. F., masons' & bldrs.' matls., Bristol, Pa.
Leeds & Northrup Co., laboratory apparatus & supplies, 4901 Stenton av, Philadelphia, Pa.
Leeds Packing Co., canned goods, Easton, Md.
Leefers, J. F., Co., contractors, Cedar Rapids, Ia.
Leeming & Uptown, archit, 381 4th av, New York.
Leenhouts & Guthrie, architects, 424 Jefferson, Milwaukee, Wis.
Leeper, A. S., architect, Kent, Wash.
Leerburger Bros., essential oils, 170 B'way, New York.
Lees, Daniel (Est. of), plushes, Glen Riddle, Pa.
Lees International Gas Governor Co., 128 N. Main, Providence, R. I.
Lees, John, dies, machsts., etc., Indianapolis, Ind.
Lees Mfg. Co., cordage & twine mfrs., Westport, Conn.
Lees, R. E., contractor, 303 6th av, S. E., Minneapolis, Minn.
Lees, Wm., htg. contrs., 548 W. Washington, Chicago, Ill.
Leesburg Canning Co., Leesburg, Ohio.
Leesburg Lime Co., Leesburg, Va.
Leesville Coffin & Casket Co., Leesville, S. C.
Leesville Iron Wks., machsts. & fndrs., Leesville, La.
Leesville Oil Mill Co., meal, Leesville, S. C.
Leet, H., Lumber Co., Portsmouth, Ohio.
Leete, Chas. H., machsts. & fndrs., Potsdam, N. Y.
Leeton Lbr. Co., Leeton, Mo.
Leetonia Boiler Co., Leetonia, Ohio.
Leetonia Tool Co., coal mining tools, Leetonia, O.
See adv. index at end of book.
Leetsdale Fdy. & Mfg. Co., castings & patterns, Leetsdale, Pa.
Lefebure Ledger Co., loose leaf devices, Cedar Rapids, Ia.
Lefebvre, A. H., paper & pulp mills, Felts Mills, N. Y.
Le Fevre, A. P., masons' & bldrs.' matrls., New Paltz, N. Y.
Lefevre, Edw. Y., paper & pulp mills, Fallsburg, N. Y.
Leffel, James, & Co., turbine water wheels, engines, boilers, etc., East St., Springfield, Ohio
Lefferts, Chas. A., & Co., machsts. & fndrs., 109 2d av, Brooklyn, N. Y.
Lefferts Galvanizing Wks., 508 E. 20th, New York.
Leffler, A., Co., fertilizer, Savannah, Ga.
Leffler & Bland, masons' & bldrs.' matls. contr., Marion, Ohio.
Leffler, Chas., & Co., mfrs. sheet metal workers machines & tools, 59 Clymer, Brooklyn, N. Y.
See adv index at end of book.
Leffler, John A., contractor, Hazelton, Pa.
Leftwich, W. M., Co., contractors, Nashville, Tenn.
Legalite Corp., auto, lamp lenses, 120 Boylston, Boston, Mass.
Leger Mill Co., flour, Altus, Okla.
Leger, Supplein J., bldg. contr., Fitchburg, Mass.
Legg Brick Co., Calhoun, Ga.
Legg, Fred. A., architect, Salem, Ore.
Leggett & Bro., insecticide dusters, drug, paint, etc., spec., 301 Pearl, N. Y.
Leggett, Clarence F., architect, 179 Troup, Rochester, N. Y.
Leggett & Duryea, cement sidewalk name plates, Princeton, N. J.
Leggett & Platt Spring Bed & Mfg. Co., Carthage, Mo.
Leggett, Wm. T., Co., masons' & bldrs.' matls., 2621 Liberty, Pittsburgh, Pa.
Legier, Mell & Son, masons' & bldrs.' matls., Valley Falls, Kans.
Legler-Eilerman Co., white metal castings, Dayton, Ohio.
Legnard, A. B., Co., plugs, Waukegan, Ill.
Le Gore Combination Lime Co., Le Gore, Md.
Le Goullon, P., roofing tile, 27th & Liberty, Pittsburgh, Pa.
Le Grand Mine Drill Wks., Wilkes-Barre, Pa.
Leh, A. W., architect, South Bethlehem, Pa.
Lehde, H. E., surgical instruments, 8 S. B'way, St. Louis, Mo.
Lehi Canning Co., Lehi, Utah.
Lehigh Chemical Co., Allentown, Pa.
Lehigh Clay Product Co., Lehigh, Ia.
Lehigh Coal & Navigation Co., 437H Chestnut, Phila., Pa.
Lehigh Coal & Supply Co., masons' & bldrs.' matls., Hoboken, N. J.
Lehigh Fire Brick Wks., Catasauqua, Pa.
Lehigh Paper Mills, Inc., Pittston, Pa.
Lehigh Portland Cement Co., Allentown, Pa.
Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.
Lehigh Star Bedding Co., mattresses, Allentown, Pa.
Lehigh Stone Co., Kankakee, Ill.
Lehigh Stoker Co., mechanical stokers, Fullerton, Pa.
Lehigh Stove & Mfg. Co., Lehighton, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Lehigh Structural Steel Co., Allentown, Pa.
Lehigh Thermometer Co., Catasaqua, Pa.
Lehigh Valley Cornice Wks., Bethlehem, Pa.
Lehigh & Wilkes-Barre Coal Co., anthracite, Wilkes-Barre, Pa.
Lehlbach, Edward, architect, 507 5th av, New York.
Lehle, Louis, brewery architect, 3810 B'way, Chicago, Ill.
Lehmaier, Schwartz & Co., tin foil, 207 E. 22d, New York.
Lehman Bros., elec. portables & hollow ware, 10 Bond, New York.
Lehman Bros., babbitt metal, solders, smelters, etc., Hoboken, N. J.
Lehman, Chas. T., machy. dlr., Birmingham, Ala.
Lehman, Edward A., architect, 40 Cedar, New York
Lehman, Ludwig, jewelry cases, 72 Beekman, New York.
Lehman, Max, Metal Co., scrap metal, 507 Newark, Hoboken, N. J.
Lehman Mfg. Co., grey iron castings, Cannelton, Ind.
Lehman & Schmitt, architects, Electric Bldg., Cleveland, Ohio.
Lehman, Wm. E., architect, 738 Broad, Newark, N. J.
Lehmann, J. M., Co., cocoa & chocolate machy., 101 Varick, New York.
Lehmann Machine Co., engines, lathes, Grant & Chouteau, St. Louis, Mo.
Lehmann & Schaefer, machsts. & fndrs., 321 Palmetto, Brooklyn, N. Y.
Lehn & Fink, disinfectants & tooth paste, 120 William, New York.
Lehne-Miller Co., willow ware mfrs., Liverpool, N. Y.
Lehne, Rudolph, willow ware mfrs., 109 2nd, Liverpool, N. Y.
Lehnert & Co., machsts. & fndrs., 334 E. 23rd, New York.
Lehon Co., waterproofing materials, etc., 4451 S. Oakley av, Chicago, Ill. *See adv. index at end of book.*
Lehr Agricultural Co., Fremont, Ohio.
Lehr, H., & Co., pianos, Easton, Pa.
Leibfried, C. H., blacksmiths tongs, iron staples & pipe hooks, 97 Guernsey, Brooklyn, N. Y.
Leibig, Chas. P., contractor, Ashland, Pa.
Leibold Gott Bldg. Co., contrs., 134 E. 4th, Cincinnati, Ohio.
Leich Elec. Co., lightning arresters, switchboards & transmitters, Genoa, Ill
Leidecker Tool Co., Marietta, Ohio.
Leidich, W. H., htg. contrs., Pottsville, Pa.
Leidigh & Havens Lbr. Co., R. A. Long bldg, Kansas City, Mo.
Leies, J. & Son, pianos, 1956 Larrabee, Chicago, Ill.
Leif Buggy Co., Attica, Ind.
Leigh & Butler, tex. machy., supplies, etc., 232 Summer, Boston, Mass.
Lehigh Chemical Co., Allentown, Pa.
Leigh, J. W., architect, Odd Fellows Bldg, St. Louis, Mo.
Leigh, John, Co., cotton waste, 241 A, Boston, Mass.
Leighton, A. J., contractor, Lorain, Ohio.
Leighton, Arthur, Co., wood acids, Methol, N. Y.
Leighton, H. J., machsts., Syracuse, N. Y.
Leighton, H. N., & Co., contractors, 127 S. 10th, Minneapolis, Minn.
Leighton Mach. Co., winders, Manchester, N. H.
Leighton-Mitchell Co., contractors, 95 Milk, Boston, Mass.
Leighton Supply Co., plumbers, mill & facty. supplies, jobbers, Fort Dodge, Ia.
Leikauf Packing Co., meat packers, Ft. Wayne, Ind.
Leiman Bros., machy., 81 Walker, New York
Leimann, Wm., & Bro., contractors, 2303 Clifton, Cincinnati, Ohio.
Leinbaugh, W. F., masons' & bldrs.' matls., Iowa City, Ia.
Leiper, Callender I., stone producers, Chester, Pa.
Leiper, E., stone producers, Chester, Pa.
Leiper, G. A., & Co., masons' & bldrs.' matls., Little Rock, Ark.
Leipold, Gustave H., architect, 160 Martin, Milwaukee, Wis.
Leippe's, Jacob A., Sons, carriage & wagon shafts, poles & wheels, Reading, Pa.
Leipzig, A., porch shades, wires, willow, etc., baskets, 127 W. 17th, New York.
Leisen, John H., fire clay, Woodbridge, N. J.
Leisenring, L. M., architect, 1320 N. Y. av, N. W., Washington, D. C.
Leiser & Holst, architect, Brumder bldg, Milwaukee, Wis.
Leising, Jos. F., & Co., masons' & bldrs.' matls., Chicago Heights, Ill.
Leister, Frank H., masons' & bldrs.' matls., North Wales, Pa.
Leistner, Paul, Sons Mfg. Co., plumb bobs, St. Charles, Mo.
Leisure Packing Co., canned goods, Elwood, Ind.
Leisy-Patton Co., screw machines, 7033 St. Clair av, Cleveland, O.
Leitch, J. N., Co., auto. bodies, Amesbury, Mass.
Leitchfield Milling Co., flour, Leitchfield, Ky.
Leitelt, Adolph, Iron Works, iron forgings, Grand Rapids, Mich.
Leitelt Bros., brass fndrs., 7731 S. Chicago, Chicago, Ill.
Leiter, E. T., & Sons, contractors, Call Bldg., San Francisco, Cal.
Leitner, Frank V., contractor, Scranton, Pa.
Leitner, Jos. F., architect, Flatiron bldg, Atlanta, Ga.
Leitz, Ernest, condensers, photo-micrographic app., etc., 30 E. 18th, New York.
Leix, Joseph W., contr., Ottawa, Ill.
Lekko Soap Co., 925 S. Wells, Chicago, Ill.

Leland Bros. Co., mill & factory supplies, 304 E 3rd, Los Angeles, Cal.
Leland Equipment So., see Worden, W. H. (successor).
Leland Fruit & Packing Co., canned goods, Leland, Wash.
Leland-Gifford Co., crank shafts & drilling machines, Worcester, Mass.
Leland, H. G., lumber, McClellanville, S. C.
Leland, Joseph D., architect, 185 Devonshire, Boston, Mass.
Leland, M. J. O., architect, 185 Devonshire, Boston, Mass.
Leland, Stanford, Jr., Univ., engng. school & coll., Stanford University, Cal.
Le Laurin, A. A., machst. & fndr., Pine Bluff, Ark.
Lelong, L., & Bro., smelters & refiners, 345 Halsey, Newark, N. J.
Lema Mattresses Co., Lema, O.
Lemann, B., & Bro., masons' & bldrs.' matls., Donaldsonville, La.
Lembke, Chas. F., architect, Valparaiso, Ind.
Lemcke, Meyer, Novelty Co., 4931 Carthage av, Cincinnati, Ohio.
Leming, M. E., Lumber Co., Cape Girardeau, Mo.
Lemke, E., contractor, Albuquerque, N. M.
Lemke Elec. Co., 509 Cedar, Milwaukee, Wis.
Lemkin, S., mill & factory supplies, 172 Center, New York.
Lemmer, Fredk., architect, Irvington, N. J.
Lemmerman & Hoffman Granite Co., Mount Airy, N. C.
Lemmers Umbrella Co., 39 The Arcade, Cleveland, Ohio.
Lemon Milling Co., flour, Bedford, Ind.
Lemoyne Brass Fdry, Lemoyne, Pa.
Lempert, Leon H., & Son, architects—theatre, Cutler Bldg., Rochester, N. Y.
Lena Casket & Supply Co., Lena, Ill.
Lenahan, Frank, & Son, machy., scrap iron, etc., 53 Fulton, Buffalo, N. Y.
Lenahan, J. B., stone, granite, 140th & Rider av, New York.
Lenahan, R., & Co., ship bldrs., Kingston, N. Y.
Lenderking, P. H., Jr., cornices, Linwood av & Dillon, Balto., Md.
Lendrim, H. C., Co., cornices, Paterson, N. J.
Lenehan, Pat. H., contractor, Malden, Mass.
Lengacher, Wm., cornices, 2046 Larrabee, Chicago, Ill.
Lengel, Jonathan D., contractor, Wayne, Pa.
Lenges, Philip, Iron Wks., 309 E. 122d, New York.
Lengfelt, F. H., & Co., dyes & dyestuffs, 100 Maiden la, New York.
Leng's, John S., Son & Co., syphon pumps, 33 Murray, New York.
Lenhart, I. S., masons' & bldrs.' matls., Hamburg, Pa.
Lenhart, J. J., cotton waste, 236 N. Delaware av, Philadelphia, Pa.
Lenhart Wagon Co., machsts. & fndrs., 2600 University av, Minneapolis, Minn.
Lenherd, C. M., willow ware mfrs., 21 Welcher, Rochester, N. Y.
Lenker, Frank K., & Co., machsts., Millersburg, Pa.
Lenmar Mfg. Co., baling presses, Saginaw, Mich.
Lennan, John, Son Co., contractors, Niagara Falls, N. Y.
Lennane Bros., contractors, Union Trust Bldg., Detroit, Mich.
Lennig, Chas. & Co., acetic acid & ores, 40 North Front, Phila., Pa.
Lennon, Adelbert J., contractor, Watervliet, N. Y.
Lennon, Jas. E., Lime & Cement Co., 352 Church, San Fran., Cal.
Lennox Chemical Co., liquid carbon dioxide, 1205 E. 55th, Cleveland, Ohio.
Lennox Furnace Co., Marshalltown, Ia.
Lennox, Jos. W., contractor, New Orleans, La.
Lennox Mach. Co., corn mills, 2558 W. 16th, Chicago, Ill.
Lenoir Mills, Inc., flour, Lenoir, N. C.
Lenoir Oil & Ice Co., Kingston, N. C.
Lenox, Inc., domestic china, Trenton, N. J.
Lenox Brick Co., Cliffwood, N. J.
Lenox Building Supply Co., 27 Clinton, Newark, N. J.
Lenox Knitting Wks., sweaters, cardigans, etc., 400 Nostrand av, Brooklyn, N. Y.
Lenox Mfg. Co., machsts., Catasauqua, Pa.
Lenox Motor Car Co., 18 Columbus av, Hyde Park, Mass.
Lenox Sawmill Co., Lenox, Ky.
Lenox Shear Co., Brookfield, Conn.
Lenox Shops, furniture, Dept. H, Canastota, N. Y.
Lenox Sprayer Mfg. Co., 302 8th av, New York
Lens Co., cereal foods, 3d av & Ross, Pittsburgh, Pa.
Lensed Elec. Shade Co., 101 Warren, New York.
Lensing Bros., masons' & bldrs.' matls., Evansville, Ind.
Lenske, Chas. H., architect, 3755 Irving Park blvd, Chicago, Ill.
Lentz, Chas., & Sons, surgical & dental instruments, 33 S. 17th, Philadelphia, Pa.
Lentz, Hy., fndr., Mount Pleasant, Pa.
Lentz, Robt. A., contractor, Freeland, Pa.
Lenwil Sawmill Co., Monroe, La.
Lenz, Jas., oval turning chucks, 199H Franklin, New York.
Lenz Apparatus Co., glass quartz, 9 E. 16th, New York.
Lenz Machine Wks., dies, grinders, stampings, etc., 199 Franklin, New York. *See adv. index at end of book.*
Lenzen, Theo. W., architect, Humboldt Bk. Bldg., San Fran., Cal.
Leo, Jas., Co., paper & pulp mills, 231 Varick, Jersey City, N. J.
Leola Mach. Co., Leola, Pa.
Leominster Hardware Co., Leominster, Mass.
Leominster Shell Goods Mfg. Co., celluloid combs, hair brushes, etc., Leominster, Mass.
Leona Mills Lbr. Co., Leona, Ore.
Leonard, B. A., contractor, 4170 Mad Anthony, Cincinnati, Ohio.
Leonard & Baker Stove Co., Taunton, Mass.
Leonard-Bundy Elect. Co., rheostats, switches, switch boards, etc., 433 Champlain av, Cleveland, Ohio.
Leonard, Chas., Hardware Co., Petersburg, Va.
Leonard Co., masons' & bldrs.' matls., Albany, N. Y.
Leonard Construction Co., 332 S. Michigan, Chicago, Ill.
Leonard, Elizabeth, architect, Abbott Bldg., Cambridge, Mass.
Leonard, F. B., contr., Albany, Ga.
Leonard, F. B., & Co., neck yokes, Metropolis, Ill.
Leonard, F. J., contractor, Lewis Bldg., Portland, Ore.
Leonard, G. Francis, architect, 5 Beekman, New York.
Leonard Hi-Oven Range Co., stove mfrs., Cedar Rapids, Ia.
Leonard, J. J., contractor, Phelan Bldg., San Francisco, Cal.
Leonard, J. M., machsts. & fndrs., Osterville, Mass.
Leonard, J. N., & Co., contractors, 902 Chapel, New Haven, Conn.
Leonard & Lally, cornices & skylights, Maysville, Ky.
Leonard & McCoy, mill & facty. supplies, 161 Washington, New York.
Leonard Mach. Wks., 1222 Race, Philadelphia, Pa.
Leonard Machy. & Tool Co., Inc., 609 S. Paulina, Chicago, Ill.
Leonard Mfg. Co., dinner pails, Scranton, Pa.
Leonard, Rodney W., architect, Rea Bldg., Terre Haute, Ind.
Leonard Rooks Co., shower bath valves, 486 Broad, Providence, R. I.
Leonard Sheet Metal Wks., Hoboken, N. J.
Leonard, Thos. F. Co., whol. hdwe., Scranton, Pa.
Leonardis, Peter, & Sons, scrap iron, rubber, etc., 57 River, Newark, N. J.
Leonardt & Peck, contractors, 356 S. Spring, Los Angeles, Cal.
Leonhardt, Chas., machinist, New Ulm, Minn.
Leonhardt, Louis, rubber stamps & stencils, 111 Warren, New York.
Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.
Leopold Desk Co., Burlington, Ia.
Leopold, J., & Co., china imptrs. & jobbers, 101 Hanover, Baltimore, Md.
Leopold, J., & Co., paving contractors, Woolworth Bldg., New York
Leotaud, A. B., picture frames & lbr., 137H Glen, Glens Falls, N. Y.
Leousi, Clonney & Co., chamois imp. & sponges, 39 Walker, New York.
Lepley, Matthew G., architect, 3509 New Hampshire av, Washington, D. C.
Le Poidevin, A., & Co., granite producers & wkrs., 286 5th av, New York.
Lepper & Laisy, contractors, 356 S. Broadway, Los Angeles, Cal.
Leppert, Chas. H., machst., Hartford, Conn.
Leppin, Wm. F., architect, 1335 St. Marks av, Brooklyn, N. Y.
Lerch Bros., harness & saddlery mfrs., 114 Hanover, Baltimore, Md.
Lerch, F. J., & Co., contractors, Easton, Pa.
Lercher, A., trunk mfrs., 435 Broome, New York.
Lerio Patent Cup Co., Mobile, Ala.
Le Roi Co., gas engines—Mitchell & Co., 60th av, Milwaukee, Wis.
Leroi Furn. Mfg. Co., furn., 1432H Mullanphy, St. Louis, Mo.
Le Roy Canning Co., Le Roy, N. Y.
Leroy Plow Co., Leroy, N. Y.
Le Roy, Rockwell A., architect, Kalamazoo, Mich.
Leroy Salt Co., Leroy, N. Y.
Lesch, Henry & Co., contrs., Washburn, Ill.
Leschen, A. & Sons Rope Co., Kennerly & Hamilton, St. Louis, Mo.
Lescher, J. G., Constr. Co., 4237 Linton av, St. Louis, Mo.
Lescher & Kibbey, architects, Pheonix, Ariz.
Lescher, T. H., architect, 920 Monroe, Topeka, Kans.
Lesh, C. P., Paper Co., pads & tablets, Indianapolis, Ind.
Lesh & Matthews Lumber Co., 140 S. Dearborn, Chicago, Ill.
Lesher & Roess, stone producers, Oil City, Pa.
Lesinski-Leszezynski Co., contractors, 715 Forrest av, Detroit, Mich.
Leslie Co., machsts. & fndrs., Lyndhurst, N. J.
Leslie, Elliott & Co., boilers, caissons, stills, tanks, etc., Paterson, N. J.
Leslie, Jno., carved mouldg. & blind mfrs., 138 W. 15th, New York.
Leslie, John, Paper Co., 3d av S. & 5th, Minneapolis, Minn.
Leslie Sheet Metal Works, Bristol, Tenn.
Leslie & Tracy, Inc., heating contrs., 1790 B'way, New York.
Le Sourd, A., & Sons, sashes, doors & blinds, Bellefontaine, Ohio.
Lesselyong Hardware Co., Ironwood, Mich.
Lesser, Chas. L., architect, West Allis, Wis.
Lesser & Schutte, architects, 68 Wisconsin, Milwaukee, Wis.
Lessig, Geo. B., Co., iron & steel rolling mills, Pottstown, Pa.
Lessig, Geo. D., & Son, agricultural implements, Reading, Pa.
Lessig, J., cornices & skylights, East Stroudsburg, Pa.
Lessig, John, & Son, common brick, Grand Rapids, Wis.
Lessley, A. L., soap, Lebanon, Pa.
Lester, A. W., meat packers, Albany, N. Y.
Lester Clay Co., Jacksonville, Fla.
Lester Co., aluminum solder, Fayetteville, N. Y.
Lester Piano Co., 1308 Chestnut, Philadelphia, Pa.
Lester-Ricks Oil Co., Byromville, Ga.
Lester, W. C., architect, Scimitar bldg, Memphis, Tenn.
Lester & Wasley Co., machsts. & fndrs., Norwich, Conn.
Lestershire Lumber & Box Co., Lestershire, N. Y.
Lestershire Spool Mfg. Co., spools, Lestershire, N. Y.
Le Sure-Fuller Co., landscape architects, Peoria Life Bldg., Peoria, Ill.
Lesueur, W. D., & C. H., brick, Nashville, Tenn.
Letcher, R. J., & Son, plumbers' supplies—jobbers, 191 Morgan, Jersey City, N. J.
Letellier, F., & Co., lbr. mfrs., Grand Rapids, Mich.
Letteney, C. F., contractor, 11 Central, Boston, Mass.
Letter-Pack-It-System, envelopes, 1258 Holden av, Detroit, Mich.
Letts, E. M., stove pipe mfrs., Waverly, N. Y.
Letts, R. G., lumber, Bannister, Mich.
Letts, W. T., Box & Cooperage Co., St. Joseph, Mo.
Letz Mfg. Co., agricultural implements, Crown Point, Ind.
Letzgus, Anton A., Jr., architect, Bailey Bldg., Phila., Pa.
Leuckel, A. K., & Co., sash, doors & blinds, Trenton, N. J.
Leukart, J., Co., lock mortising machines, 44 E. Columbus, Columbus, Ohio.
Leupold, Voelpel & Co., scientific instruments, 107 E 70th, Portland, Oregon.
Leuton Brick Co., 25th & Passy'k av, Philadelphia, Pa.
Leutwiler, J. H., machsts. & fndrs., Trenton, Ill.
Lentwiller Bros., machsts. & fndrs., Highland, Ill.
Leutz, C. F., Sons, handles (wood), Maryville, Ohio.
Le Valley, Frank J., contractor, Lockport, N. Y.
Le Valley-McLeod-Kinkaid Co., plumbers' suppls, Elmira, N. Y.
Le Valley Vital Carbon Brush Co., carbon brushes, 521 W. 23rd, New York.
Levandowski, Peter, contractor, Lafayette, Ind.
Levaur System Constr. Co., Inc., portable vldgs., 50 Broad, New York.
Levensaler-Speir Corp., magnesite & manganese, Monadnock Bldg., San Francisco, Cal.
Levenson & Zenitz, Howard & Ostend, furniture, Dept. H, Baltimore, Md.
Lever Bros. Co., glycerin & soap, Cambridge, Mass.
Lever, Oswald, Co., textile machy., supplies, etc., 13th & Cumberland, Philadelphia, Pa.
Leverer, J. S., & Co., cornices, Saginaw, Mich.
Leveridge, Chas. W., elec. & gas light fixtures, fire alarm signal boxes, lamp guards, etc., 133 Liberty, New York.
Levering Mfg. Co., sash weights, castings, etc., 210 Key Highway, Baltimore, Md.
Levering & Garrigues Co., machsts., fndrs., steel & iron wks., 552 W. 23d, New York.

Leveson, S., scrap iron, 13 Center, Jersey City, N. J.
Levesque, J. T., & Co., architects, Great Falls, Mont.
Levett, Walker M., Co., fndrs., 417 E. 23d, New York.
Levey, Fred H., Co., inks, 59 Beekman, New York.
Levi, B., & Co., scrap iron, brass & copper, Scranton, Pa.
Levi, Benjamin, machy., tools, etc., 355 W. Broadway, New York.
Levi, Louis, architect, Munsey bldg, Baltimore, Md., & Real Estate Tr. bldg, Philadelphia Pa.
Levi, M. A., scrap rubber, Rochester, N. Y.
Levick's, Richard, Son & Co., mill & facty. supplies, 720 Chestnut, Philadelphia, Pa.
Levien, Louis, Cut Glass Co., 164 5th av, New York.
Levin, Kroneneberg & Co., sash, door & blind mfrs., Van Sinderen av, Brooklyn, N. Y.
Levin, Wm., sweaters, cardigans, etc., 204 Canal, New York.
Levine, A., & Co., scrap iron, 1461 S. State, Chicago, Ill.
Levine, Abram, carbons, black diamonds, etc., 14 John, New York.
Levine & Co., sweaters, bath'g suits, etc., 291 Essex, Bklyn, N. Y.
Levine Contr. Co., 332 S. Michigan av, Chicago, Ill.
Levine, P., & Co., umbrella handles, 247 Center, New York.
Levingson, S., architect, 405 Lexington av, New York
Levinson Packing Co., meat, Newport News, Va.
Levinson, Schubb & Caplan, scrap iron & steel, 35 Pride, Pittsburgh, Pa.
Levinstein, I., & Co., aniline colors, 74 India, Boston, Mass.
Levinthal Plumbing Supply Co., 1637 W. Div., Chicago, Ill.
Levis, Henry & Co., railroad equipment, second hand, 303 Commercial Trust bldg, Phila., Pa.
Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Levitan, Benj. W., architect, 7 W. 45th, New York.
Leviton, Morton, architect, 53 W. Jackson blvd., Chicago, Ill.
Levy, A., mfr. of uniform caps, also cloth hats & caps, 693 Mission, San Francisco, Cal.
Levy, Albert D., fndrs., Cleveland, Ohio.
Levy, Alex. L., architect, 111 W. Washington, Chicago, Ill.
Levy & Clarke, architects, Germania Bldg., Savannah, Ga.
Levy, Emilio, archit., 331 Madison av, New York.
Levy, M. & Co., plbrs. supplies, 2125 S. State, Chicago, Ill.
Levy, Max & Co., cullet, 845 Rees, Chicago, Ill.
Levy & Merzbach, advert. nov. & spec., 1255 B'way, New York.
Levy Rice Milling Co., 448 Julia, New Orleans, La.
Levy, Robt., Co., cigar cutters, 119 Sussex, Newark, N. J.
Levy, S., duster mfr., 618 New Market, Phila., Pa.
Levy, Wm., architect, Arcade Bldg., St. Louis, Mo.
Lewald, F., & Co., garment hangers, 500 S. Wells, Chicago, Ill.
Lewery, L. J. & Co., Inc., engnrs.' supplies, 12 Battery pl, New York
Lewes Packing Co., canned goods, Lewes, Del.
Lewin, A. M., Lbr. Co., Bank & McLean, Cincinnati, Ohio.
Lewin, Frank C., contr., 618 12th, N., Washington, D. C.
Lewis, Albert William, architect, 2 E. 41st, New York
Lewis, A. E., architect, Miami, Fla.
Lewis & Bennett Hardware Co., whol. hardware, Wilkes-Barre, Pa.
Lewis Bros., Co., contractors, Nashville, Tenn.
Lewis & Burroughs Co., contrs., Schenectady, N. Y.
Lewis Canning Co., Westport, Cal.
Lewis, Chas. C., Co., whol. hardware, Springfield, Mass.
Lewis, Chas. M. architect, 509 Temple, Danville, Ill.
Lewis Comyn, mattresses, Charleston, W. Va.
Lewis Contr. Co., 327 1st, Pittsburgh, Pa.
Lewis County Canning Assn., Chehalis, Wash.
Lewis, D. W., Co., masons' & bldrs.' mtls., 24 Milk, Cambridge, Mass.
Lewis & Davis, steam htg. contrs., 412 E. 31st, Kansas City, Mo.
Lewis & Dick, contrs., Zanesville, Ohio.
Lewis Drilling Compound Co., Sauquoit, N. Y.
Lewis, E. J., machst., Middleport, N. Y.
Lewis, Edward, architect, Grant bldg, Atlanta, Ga.
Lewis, Edwin B., architect, Lansdowne, Pa.
Lewis, Edwin J., Jr., architect, 9 Park, Boston, Mass.
Lewis & Egginton, machsts. & fndrs., Meserole, Brooklyn, N. Y.
Lewis Electric Welding & Mfg. Co., Toledo, Ohio.
Lewis & Ellery, architects, Reno, Nev.
Lewis Engng & Supply Co., see Bailey-Lewis, Inc. (successors).
Lewis, F. C., canned goods, Hopkins, Va.
Lewis, F. H., lumber, ties, poles, posts, 636 Lumber Exch. Bldg., Minneapolis, Minn.
Lewis, F. J., Mfg. Co., roofing materials, Moline, Ill.
Lewis Felling Mach. Co., blind stitch sewing machy., 3763 Forest Park Blvd., St. Louis, Mo.
Lewis File Mfg. Co., Beach City, Ohio.
Lewis Foundry & Mach. Co., Farmers Bank bldg, Pittsburgh, Pa.
Lewis, G. B., Co., bee keepers' supplies, Watertown, Wis.
Lewis-Geer Mfg. Co., children's vehicles, Ypsilanti, Mich.
Lewis, Geo. A., contractor, 1115 Midland av, Syracuse, N. Y.
Lewis, H., Co., boiler compounds, 832 Washington blvd, Chicago, Ill.
Lewis-Hall Iron Wks., Ferry av & G. T. Ry., Detroit, Mich.
Lewis Hardware Co., Rhinelander, Wis.
Lewis, Harry I., lbr. mfrs., 62 Beaver, New York.
Lewis, Hy. B., steel struct. wk., Ferry av & G. T. Ry., Detroit, Mich.
Lewis, I. M., architect, Congress bldg, Detroit, Mich.
Lewis, Ion, archit., Wilcox Bldg., Portland, Ore.
Lewis Institute, engng. schools & coll., Chicago, Ill.
Lewis, J. E., architect, New Philadelphia, O.
Lewis, J. L., photographic paper, 522 6th av, New York
Lewis, J. P., Co., jute boards, paper & pulp mills, Beaver Falls, N. Y.
Lewis, J. R., machst. & fndr., Weatherford, Tex.
Lewis, Jacob, architect, 5712 Indiana Av, Chicago, Ill.
Lewis, Jno. D., aniline colors, dyes, starch, etc., 63 Charles, Providence, R. I.
Lewis, John L., contractor, Binghamton, N. Y.
Lewis, John T. & Bros. Co., color mfrs., babbitt metal, lead, solder, etc., Lafayette bldg., Phila., Pa.
Lewis, Jos. E., pipe bends & coils, 1218 Warner, Baltimore, Md.
Lewis, Le Roy, Jr., architect, 104 S. Michigan av, Chicago, Ill.
Lewis Lumber Co., Asbury Park, N. J
Lewis Machine Co., straighteners & cutters, 6303 Central, Cleveland, Ohio.
Lewis Mfg. Co., cotton, Walpole, Mass.
Lewis Mfg. Co., milk & cream coolers, Cortland, N. Y.
Lewis Mfg. Co., lbr. mfrs., Bay City, Mich.
Lewis Mill Supply Co., Dept. H, Helena, Ark.
Lewis, Mirt E., htg. contrs., Binghamton, N. Y.
Lewis Motor Mfg. Co., auto & marine engines, Fastoria, Ohio
Lewis & Neville Mfg. Co., carriages, Goshen, Ind.
Lewis Robt., Co., car curtains, Richmond & Brill, Phila., Pa.
Lewis & Roth Co. see Electric Power Equip. Corp. (successor).
Lewis Run Mfg. Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Lewis, Sam'l, janitors' supplies, 73 Barclay, New York.
Lewis-Shepard Co., elevating trucks, 577 East 1st, Boston 27, Mass. *See adv. index at end of book*
Lewis, Slocum & Lefevre Co., paper & pulp mills, Beaver Falls, N. Y.
Lewis Spring & Axle Co., Chelsea, Mich.
Lewis, Stanford B., architect, Stephen Girard bldg, Phila., Pa.
Lewis Steam Specialty & Valve Co., 1533 Cherry, Phila., Pa.
Lewis Steel Products Co. See Toledo Steel Products Co. (successors).
Lewis, Tom, fertilizer mfrs., Sacramento, Cal.
Lewis-Weller Mfg. Co., bed & coil or spiral springs, Utica, N. Y.
Lewis, Wm. A., common brick, Knox, Ind.
Lewis-Wilson-Hicks Co., lumber, Glasgow, Ky.
Lewis & Valentine Co., landscape architects, 47 W. 34th, New York
Lewisburg Chair Co., Lewisburg, Pa.
Lewisburg Mill & Elevator Co., flour, Lewisburg, Tenn.
Lewisburg Stone Co., Lima, Ohio.
Lewisburg, Stove Co., Lewisburg, Tenn.
Lewisport Mill Co., flour, Lewisport, Ky.
Lewiston Handle Co., Lewiston, Me.
Lewistown Foundry & Mach. Co., Lewistown, Pa.
Lewisville Canning Co., Lewisville, Ind.
Lewthwaite, Geo. A., Co., machsts. & fndrs., 116 Walker, N. Y.
Lewthwaite, T. H. Mach. Co., 413 E. 31st, New York.
Lewy Chemical Co., camphor, 26 E. 22d, New York.
Lexington Brick Co., Lexington, Ky.
Lexington Engine & Boiler Works, Lexington, Ky.
Lexington Flouring Mills, Lexington, Mo.
Lexington-Howard Co., automobile bldrs., Connersville, Ind.
Lexington Instrument Wks., calorimeters & machsts., Lexington, Richmond Co., Ohio.
Lexington Mfg. Co., cotton sheetings & tickings, Lexington, S. C.
Lexington Mill & Elevator Co., feed, flour, Lexington, Neb.
Lexington Roller Mills Co., feed, flour, Lexington, Ky.
Lexington Triumph Press Brick Co., Lexington, Mo.
Ley Construction Co., 442H, Boggs av, Pittsburgh, Pa.
Ley, E. T. Co., contractors, 1024 Main, Bridgeport, Conn.
Ley, Fred. T., & Co., Inc., general contractors, 499 Main, Springfield, Mass., 185 Devonshire, Boston, Mass., 19 W. 44th, New York.
Ley, Jno., machsts. & fndrs., Bradford, Pa.
Leyare Boat Works, Ogdensburg, N. Y.
Leybold Smith Shingle Co., lbr., Tacoma, Wash.
Leyden, Ortseifen Co., contractors, 53 W. Jackson, Chicago, Ill.
Leygrand & Co., aluminum for airplanes, 120 B'way, New York
Leyland, Thos., & Co., aniline colors, textile machy., etc., Readville, Boston, Mass.
Leyner, J. Geo., Engng. Wks. Co., pneumatic pile drivers, Littleton, Colo.
L'Hommedieu, Chas. F., & Sons, platers' & polishers' supplies, etc., 4521 Ogden av, Chicago, Ill.
L'Hommedieu's, J. H., Son & Co., contractors, 132 Madison av, New York.
Lian, Henry S., archit., 512 5th av, New York.
Libbey, C. A. Co., barn equipts., Oshkosh, Wis.
Libbey Glass Co., Toledo, Ohio.
Libbey, H. S. & Co., contractors, 46 Cornhill, Boston, Mass.
Libbey, W. S., Co., woolen carriage cloth, Lewiston, Me.
Libby, C. A., Co., stable fixtures, feed truck mfrs., etc., Oshkosh, Wis.
Libby, Chas. A., lbr., Sanders, Idaho.
Libby, E. D., & Son, contractors, Portland, Me.
Libby, E. & Sons Co., lumber mfrs., Gorham, N. H.
Libby-Harlow & Co., collars, 250 Devonshire, Boston, Mass.
Libby, J. H., Co., contractors, 4500 Euclid av, Cleveland, Ohio.
Libby & Libby Co., contractors, 244 2d av S, Minneapolis, Minn.
Libby Lbr. Co., Minneapolis, Minn.
Libby-McNeill & Libby, canned goods, 300 W. S. Water, Chicago, Ill., & Honolulu, Hawaii.
Libby, T., & L. D. Co., contractors, Temple ct, Minneapolis, Minn.
Liberman, M., bags & bagging, 11 Lewis, New York.
Liberman Mfg. Co., cigar machy., 248 N. 8th, Phila., Pa.
Liberty Bell Co., auto bells, 428 Arc, Cleveland, Ohio.
Liberty Brand Canning Co., Dover, Del.
Liberty Brass Works, automobile specialties, etc., 557 Quincy, Chicago, Ill.
Liberty Brass Works, machsts. & fndrs., 305 W. Lombard, Baltimore, Md.
Liberty Coppersmithing Co., 170 N. Howard st, Phila., Pa.
Liberty Cut Glass Wks., Egg Harbor City, N. J.
Liberty Elec. Co., incandescant elec. lamps., 543 4th, Pittsburgh, Pa.
Liberty Fdry. Co., grey iron castings, 7600 Vulcan, St. Louis, Mo.
Liberty Glass Sign Co., 543 4th av, Pittsburg, Pa.
Liberty Hoisting Engine Co., 283 Hudson, New York.
Liberty Incandescent Light Co., 7 Chatham sq, New York
Liberty Iron Pipe & Nipple Wks., 138 Center, New York
Liberty Iron Wks., 462 10th av, New York.
Liberty Lbr. Co., Willow, Ark.
Liberty Machine Tool Co., Hamilton, Ohio.
Liberty Machine Tool & Die Co., machsts., 1206 S. Grove, Irvington, N. J.
Liberty Mfg. Co., tube cutters, 718 Frick bldg, Pittsburgh, Pa.
Liberty Milling Co., flour, Liberty, N. C.
Liberty Mills, flour, Nashville, Tenn.
Liberty Mirror Wks., hand, 6615 Kelly, Pittsburgh, Pa.
Liberty Motor Car Co., Ft. Lycaste av, Detroit, Mich.
Liberty Paper Co., sealing machs., 52 Vanderbilt av, New York.
Liberty Screw Co., Inc., screw mach. prod. cap & set screws, 80 N. Warren Foster, Worcester, Mass.
Liberty Shipbuilding & Transport Co., concrete barges, Cleveland, Ohio.
Liberty Steel Products Co., 233 Broadway, New York.
Liberty Stove Co., machsts. & fndrs., 308 Chestnut, Phila., Pa.
Liberty Tool Corp., 1321H Munsey bldg, Baltimore, Md.
Liberty Tool Mfg. Co., pneumatic tools, Hagerstown, Md.
Liberty Tool & Production Co., machsts., Dayton, Ohio
Liberty Tractor Co., Minneapolis, Minn.

Libman Constr. Co., 112 W. 46th, New York.
Libman, Wm., corn brooms, 1229 W. Grant av, Chicago, Ill.
Library Bureau, 43 Federal, Boston, Mass.
Licata, A., architect, 324 E. 14th, New York
Licht, Adam, contractor, 80 Alyea, Newark, N. J.
Licht, Geo. A., architect, 126 E. 38th, New York.
Lichtenstein's, L., Sons, fish nets, Richmond, Va.
Lichtman, S., & Son, second hand bags, 9 Randall, Buffalo, N. Y.
Lichty, B. F., & Son Co., cupolas, barns, cornices & skylights, Waterloo, Ia.
Lick Branch Coal Co., Coxton, Ky.
Licking Window Glass Co., Utica, Ohio.
Liddell Co., saw mill machy., agric'l implements, mill & facty. supplies, Charlotte, N. C.
Liddell, G. J., canned goods, Liberty Grove, Md.
Lidderdale, A. E., machst., Junction City, O.
Lidgerwood Mfg. Co., steam & elec. hoists, etc., 96 Liberty, New York. *See adv index at end of book.*
Lidgerwood Co-op. Milling Co., flour, Lidgerwood, N. D.
Lidseen, Gustave, machst. & engine oilers, etc., 832 S. Central av, Chicago, Ill.
Liebau, Hans, architect, Fulton, Jamaica, N. Y.
Liebbe, Nourse & Rasmussen, architect, Utica Bldg., Des Moines, Iowa.
Liebel-Flarsherm Co., transformers, 410 Home, Cincinnati, Ohio.
Lieber, H., & Co., incandescent light chem., 14 Platt, New York.
Lieberman, Jos. L., Iron Co., scrap iron, 110 S. Dearborn, Chicago, Ill.
Lieberman, Loveman & O'Brien, lumber, Nashville, Tenn.
Lieberman & Sanford Co., architect'l & ornament. iron, 623 W. 57th, New York.
Lieberman Trunk Co., Saginaw, Mich.
Liebert, Eug. R., architect, 432 B'way, Milwaukee, Wis.
Liebert, Hans L. architect, 425 E. Water, Milwaukee, Wis.
Liebert, Hans T., architect, Wausau, Wis.
Liebhardt, Wm. L., & Co., flannels, blankets, woolen, Middletown, Ind.
Liebig, Wm., & Co., mchsts., 96 Leland, Detroit, Mich.
Liebke Lbr. Co., Inc., Plaquemine, La.
Liebman, Ernest F., contractor, Fort Wayne, Ind.
Liebmann, R., Mfg. Co., metal buttons, 73 Bruen, Newark, N. J.
Liebrick, Fred., concrete sockets, Monadnock Bldg., Chicago, Ill.
Liebstein, J., & Sons, scrap iron & steel, 1226 Broad, Newark, N. J.
Liebstein, T. B., scrap iron & steel, 72 Chestnut, Newark, N. J.
Liedberg, Hugo J., architect, 154 W. Randolph, Chicago, Ill.
Lieker, Fred'k, contractor, Chattanooga, Tenn.
Liese, Geo. C., architect, Temple bldg, Danville, Ill.
Liese Lumber Co., Belleville, Ill.
Liesinger, R. T. G., machsts., Ellicott sq, Buffalo, N. Y.
Lietz, A., Co., engineers' chronometers, 61 Post, San Francisco, Cal.
Life Saving Devices Co., 710 W. Madison, Chicago, Ill.
Liggett, J W., & Son, machy. dlrs., 601 W. 5th, Kansas City, Mo.
Liggett Spring & Axle Co., Monongahela, Pa.
Light, A. L., scrap iron, Punxsutawney, Pa.
Light Draft Harrow Co., machsts. & fndrs., Marshalltown, Ia.
Light Finder Sales Corp., pull chain bulbs, 162 W. 34th, New York.
Light Mfg. & Foundry Co., castings mfrs., Pottstown, Pa.
Light Railway Equipment Co., Commercial Tr. Bldg., Phila., Pa.
Lighthiser, C. H., canned goods, 602 William, Baltimore, Md.
Lightman, M. A., Co., contrs., Nashville, Tenn.
Lightner Bros., contractors, Cedar Rapids, Ia.
Lightner, N., granite producers, Gettysburg, Pa.
Lightning Letter Opener Co., Rochester, N. Y.
Lightning Mfg. Co., belt dressing, Orchard & Lordsdale, Philadelphia, Pa.
Lightning Mfg. Co., compounds, Cornish Flat, N. H.
Lightning Studio Co., elec. illuminated signs, 220 W. 42nd, New York.
Lightolier Co., elec. light fixtures, 569 B'way, New York.
Lignell, A. Werner, architect, Alworth Bldg., Duluth, Minn.
Lignistra Fibre Products Co., paper & pulp mills, Barberton, O.
Lignum Chem. Wks., sawdust, Morgan av, Brooklyn. N. Y.
Ligonier Carriage Co., Ligonier, Ind.
Ligonier Lbr. Co., Ligonier, Pa.
Liken & Bach, lumber, Sebewaing, Mich.
Liken, John C., & Co., mill feed, Sebewaing, Mich.
Likly, Hy., & Co., trunks, traveling bags, Rochester, N. Y.
Likly & Rackett Trunk Co., 1365 Euclid av, Cleveland, Ohio.
Liles Bros., spokes, Forest, Miss.
Lilien & Charyn see Charyn, Al. (successors).
Lilienthal Crockery Co., Atlanta, Ga.
Liljequist, W. A., contr., Freeport, Ill.
Lillard Milling Co., flour, Decatur, Tex.
Liller, W. A., contrs., plg. mill, etc., Keyser, W. Va.
Lilley, M. C., & Co., military goods, 6th & Long, Columbus, Ohio.
Lillie, Dexter P., Co., cotton waste, Indian Orchard, Mass.
Lillie Granite Co., Montpelier, Vt.
Lillie, O. E., brooms, Hiawatha, Kans.
Lilliston, Morris, & Co., lbr., Accomac, Va.
Lilly, Arthur L., machsts., Rixford, Pa.
Lilly Bros. Foundry, Los Angeles, Cal.
Lilly Carriage Co., Memphis, Tenn.
Lilly, Chas. H., Co., fertilizer mfrs., Seattle, Wash.
Lilly, Eli, & Co., pharmaceuticals, Indianapolis, Ind.
Lilly-Fletcher Co., contrs., 756 S. B'way, Los Angeles, Cal.
Lilly Hardware Co., 114 E. Washington, Indianapolis, Ind.
Lilly Varnish Co., Indianapolis, Ind.
Lillyblad, Gust., lime mfrs., Red Wing, Minn.
Lily Cup Co., 120 B'way, New York.
Lima Brass Fdry, Lima, Ohio.
Lima Cleaning Mach. Co., hand vacuum cleaners, Lima, Ohio.
Lima Cut Stone Co., Lima, Ohio.
Lima Locomotive Corp., locomotive bldrs., 106 3rd, Lima, Ohio.
Lima Metals Fdry. Co., Lima, Ohio.
Lima Packing Co., meat packers, Lima, Ohio.
Limbacher Paint & Color Wks., 162 E. 35th, New York.
Limback Lumber Co., Cedar Rapids, Ia.
Limberg Enameling Co., sinks, etc., Florence av, Cincinnati, O.
Limbert, Chas. P., Co., mission lamps, Holland, Mich.
Limbert, Geo. B., & Co., pipe fittings, 558 Fulton, Chicago, Ill.
Limeburner, J. E., Co., optical instruments, 1720 Chestnut, Philadelphia, Pa.
Limerick, J. Arthur, Co., name plates, 960 N. Howard, Baltimore, Md.
Limestone Mfg. Co., lbr., Limestone, Fla.
Limestone Mills, cotton sheetings, Gaffney, S. C.
Limeton Lime Co., Limeton, Va.
Limoges China Co., Sebring, Ohio.
Limousine-Carriage Mfg. Co., auto. bodies, 3515 S. Michigan av, Chicago, Ill.
Linch, T. O., masons' & bldrs.' matls., Flovilla, Ga.
Linck, Jacob H., wholesale hdwe., Williamsport, Pa.
Lincoln Advtg. Co., novelties, Lincoln, Neb.
Lincoln Archl. Iron Co., Rockaway, N. J.
Lincoln Auto. Top Co., Lincoln, Neb.
Lincoln Bonding Co. See Rail Welding & Bonding Co., Inc. (successor).
Lincoln & Boss Lumber & Coal Co., masons' & bldrs.' matrls., Willimantic, Conn.
Lincoln Casket Co., Lincoln, Ill.
Lincoln, Chas. H., architect, 6 Park av, Worcester, Mass.
Lincoln Coal & Coke Co., bituminous, Scottdale, Pa.
Lincoln Cornice & Metal Wks., Lincoln, Neb.
Lincoln Cotton Mills Co., Evansville, Ind.
Lincoln Creek Lumber Co., Centralia, Wash.
Lincoln Electric Co., electric welding machines, dynamos & motors Dept. H, E. 38th & Kelby, Cleveland, Ohio.
Lincoln Feed & Fuel Co., paste, Lincoln, Neb.
Lincoln Fixture & Supply Co., metal polish, Lincoln, Neb.
Lincoln Furn Co., Dept. H, 19th & Lehigh, Phila., Pa.
Lincoln Gas & Electric Light Co., Lincoln, Neb.
Lincoln, Geo. H., Co., machsts. & fndrs., 191 Old Colony av, S. B., Boston, Mass.
Lincoln, Ill., Collar Co., Lincoln, Ill.
Lincoln Iron Wks., Rutland, Vt.
Lincoln, J. N., & Son, contrs., Ware, Mass.
Lincoln, L., & Co., paper & pulp mills, North Dighton, Mass.
Lincoln Metal Products Co., elec'l horns, Lincoln, Ill.
Lincoln Milling Co., flour, Lincolntown, N. C.
Lincoln Mills, Inc., flour, Lincoln, Neb.
Lincoln Monument Co., stone producers, Lincoln, Ill.
Lincoln Motor Co., Warren & Livermois, Detroit, Mich.
Lincoln Packing Co., meat, Lincoln, Neb.
Lincoln Paint & Color Co., Dallas, Tex.
Lincoln Paint & Color Co., floor polish, Lincoln, Neb.
Lincoln Paper Co., Lincoln, Neb.
Lincoln Paving Block Co., Canton, Ohio.
Lincoln Rail Welding Co., rail joints, etc., Williamson Bldg., Cleveland, Ohio.
Lincoln Rubber Co., druggists' sundries, Akron, Ohio.
Lincoln State School & Colony, willow ware mfrs., Lincoln, Ill.
Lincoln Steel & Forge Co., roller bearings, underframes, car trucks, etc., 5701 Natural Bridge av, St. Louis, Mo.
Lincoln Storage Battery Co., Troy, N. Y.
Lincoln Stove Co., Fremont, Ohio.
Lincoln Tent & Awning Co., Lincoln, Neb.
Lincoln Tool Co., machinists, Dayton, Ohio.
Lincoln Twist Drill Co., cutters, drills, reamers, etc., Tauntor, Mass.
Lind, C. E., contractor, Bellingham, Wash.
Lind, J., contractor, Galva, Ill.
Lindahl, Hy., Mach. Co., 954 W. Lake, Chicago, Ill.
Lindale Canning Co., Lindale, Tex.
Lindale Mills, box boards, North Adams, Mass.
Lindauer-O'Connell Co., wood pulp, Little Rapids, Wis.
Lindauer Pulp Co., Kaukauna, Wis.
Lindbeck, Chas., contractor, Jamestown, N. Y.
Lindblad, K. F. M., elec. fixtures, 65 Sudbury, Boston, Mass.
Lindbland, Emil, contr., Joliet, Ill.
Linde Air Products Co., oxygen mfrs., 30 E. 42nd, New York.
Linde, Carl L. architect, 637 Pittock Block, Portland, Ore.
Linde & Griffith Co., contractors, ft. 4th av, Newark, N. J.
Lindell Die & Tool Co., Lansing, Mich.
Lindeman & Sons Piano Co., 599 11th, New York.
Lindemann, A. J., & Hoverson Co., stoves, Milwaukee, Wis.
Lindemann, O., & Co., animal cages, etc., 35 Wooster, New York.
Lindemans, Henry J., architect, McKeesport, Pa.
Lindemuth Engng. Co., heating contrs., York, Pa.
Linden Co., glass stainers, 1216 S. Michigan av, Chicago, Ill.
Linden Construction Co., Duluth, Minn.
Linden Lumber Co., Linden Heights, Ohio.
Lindenberg Piano Co., Columbus, Ohio.
Lindenhurst Mfg. Co., button mfrs., Lindenhurst, N. Y.
Lindenschmidt Co., archl. iron, machsts, etc., Evansville, Ind.
Linder Grader Co., road machs., Matthews, Ind.
Linder, H. J., machy., 50 Church, New York.
Linderman Steel & Mach. Co., Muskegon, Mich.
Lindermann Box & Veneer Co., Eau Claire, Wis.
Lindgren Co., contractors, Monadnock Bldg., San Francisco, Cal.
Lindholm Furn Co., Dept. H, Sioux City, Iowa.
Lindholm Metal Stamping Co., lubricators, oil & grease cups, 107 Erie, Camden, N. J.
Lindke, John, contr., Medina, N. Y.
Lindl, Joseph, architect, Kenosha, Wis.
Lindley Box & Paper Co., coin wrappers, Marion, Ind.
Lindley, Chas. D., machsts. & fndrs., Olympia, Wash.
Lindley, Geo. W., tex. machy. (lace machines), (winders hosiery), 5122 Wakefield, Gtn., Philadelphia, Pa.
Lindley, Harry, architect, Candler bldg, Atlanta, Ga.
Lindley Mfg. Co., mosquito netting, Tusculum & A, Phila., Pa.
Lindley, Thomas F., drain tile, Kempton, Ind.
Lindley, W. H., Co., gasoline strainers, Canastota, N. Y.
Lindner, P. S., & Co., masons' & bldrs.' matls., Sandwich, Ill.
Lindner & Phillips, architects, A. N. B'k bldg, Richmond, Va.
Lindner & Vradenburgh, machsts. & fndrs., textile machy., 239 Centre, New York.
Lindow, W. J., machinist, Napa, Cal.
Lindsay, Andrew, architect, 37 Liberty, New York.
Lindsay Bros., agricultural implements, 78 Reed, Milwaukee, Wis.
Lindsay Chaplet & Mfg. Co., Harrison bldg, Phila., Pa.
Lindsay, D. M., wagon & carriage spokes, Newport, Tenn.
Lindsay, F. L., architect, Long Beach, Cal.
Lindsay, Hyde & Co., machsts., 2130 E. York, Philadelphia, Pa.
Lindsay, J. C., Hardware Co., 12 8th, Pittsburgh, Pa.
Lindsay, J. L., mill & facty. supplies, 1321 E. Main, Richmond, Va.
Lindsay, James, architect, Bridgeport, Ohio.
Lindsay, Jas. G., & Co., steel struct. dlrs., Commercial Trust. Bldg., Philadelphia, Pa.
Lindsay, John C., & Co., fndrs., Burlington, N. J.

Lindsay Light Co., mantles, 161 E. Grand av, Chicago, Ill.
Lindsay Lbr. Co., Miami, Fla.
Lindsay Mfg. Co., handles—wood, Ottumwa, Ia.
Lindsay, W. W. & Co. Inc., furnaces, tanks, etc., Harrison bldg, Phila., Pa.
Lindsay, Wm. A., fndrs., Dept. H, Krams & Wilde, Phila., Pa.
Lindsay, Wm. P., lime, Texas, Md.
Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, Ohio.
Lindsborg Milling & Elevator Co., Lindsborg, Kans.
Lindsey, Geo., architect, Greenville, Tex.
Lindsey, Jas. C., Hardware Co., 12 8th, Ptg., Pa.
Lindsey, John, Lumber Co., Laurel, Miss. & Pollard, Ala.
Lindsay Lbr. Co., Miami, Fla.
Lindsey, Robinson, & Co., flour mills, Roanoke, Va.
Lindsey Wagon Co., log skidders, etc., Laurel, Miss.
Lindskog Auto Carriage & Wagon Wks., 3522 Vinc av, Chicago, Ill.
Lindsley Bros. Co. (The), ties, poles & posts, cross arms, etc., 611 Peyton bldg, Spokane, Wash.
Lindsley, Hy. A., gaskets, 1610 W. 116th, Cleveland, Ohio.
Lindsley, John N., steam fitters' supplies, Orange, N. J.
Lindstrand, John A. architect, 800 N. Clark, Chicago, Ill.
Lindstrom Die, Tool & Gauge Works (Inc.), special machinery & tools, Bridgeport, Conn.
Lindstrom-Handforth Lumber Co., Tacoma, Wash.
Lindstrom & Oren, contractors, Billings, Montana.
Lindstrom, R. S., architect, 175 W. Jackson blvd, Chicago, Ill.
Lindstrom Ship Building Co., Aberdeen, Wash.
Lindstrom-Smith Co., elec. cooking app., 3212 W. Lake, Chicago, Ill.
Line-a-Time Mfg. Co., copy holders, Rochester, N. Y.
Lineaweaver, H. H. & Co. Inc., coal mines, 32H S. Broad, Phila., Pa.
Line Material Co., guy anchors & wire connectors, pole line, hdwe., etc., South Milwaukee, Wis.
Linebaugh, W. A., flour mills, Clinton, Tenn.
Linebury Fdry. & Mach. Co., North Wilkesboro, N. C.
Linehan, Chas., contractor, Cambridge, Mass.
Linemen Protector Co., shields, shoes & cross arm protectors, Penobscot Bldg., Detroit, Mich.
Linen Thread Co., twine, etc., 96 Franklin, New York.
Linenfelser Brick & Tile Co., Maybee, Mich.
Lineograph Co., duplicators, 112 Fulton, New York.
Lines, Flynn Co., railway & contrs. equipment, 30 Church, New York.
Lines, H. Wales, Co., masons & bldrs.'—contrs., Meriden, Conn.
Lingerman Bros., brick, Brownsburg, Ind.
Lingham, John, contr., Starling, Ill.
Lingle Mfg. Co., elec. cable hangers, Clinton, Mo.
Lingo-Leeper Co., masons & bldrs.' matls., Denison, Tex.
Lingo, R. D., & Co., canned goods, Dagsboro, Del.
Lingsweiler, J. G., flour mills, Lebanon, Mo.
Linhart, S. A., sash, door & blind, Bloomdale, Ohio.
Linhoff, Peter J., architect, Guar. Life bldg, St. Paul, Minn.
Linihan, M. E., machinist, Kalamazoo, Mich.
Link, Anthony, Sons, contractors, 654 South av, Rochester, N. Y.
Link-Belt Co., buckets, chains, conveyors & cranes, etc., 300 W. 39th, Chicago, Ill. *See ad. index at end of book.*
Link Belt Supply Co., 410 S. 3d, Minneapolis, Minn.
Link Chain Co., Williamsport, Pa.
Link, David C., & Co., oils & tallow, Produce Exch., New York.
Link, H. W., contractor, Dallas, Tex.
Link, J. G., architect, H, Electric bldg, Billings Mont.
Link, J., & Son, cornices & skylights, 1918 East, Pittsburgh, Pa.
Link Mfg. Co., babitt ladles & grain elevators, Kansas City, Mo.
Link Mfg. Co., grease cup lubricators, Kansas City, Mo.
Link Milling Co., flour, Springfield, Mo.
Link, Newcomb Mill & Lumber Co., Bentonia, Miss.
Linke, T., water portable filters, 235 W. 46th, New York.
Linkenheil Planing Mill Co., 182 E. Columbus, Columbus, Ohio.
Linker, Wm., Co., contractors, 831 Cherry, Philadelphia, Pa.
Linkman, M., & Co., pipes, 323 Wells, Chicago, Ill.
Linn-Benton Fruit Growers' Assn., canned goods, Albany, O.
Linn County Lumber & Coal Co., masons' & bldrs.' matls., Cedar Rapids, Ia.
Linn, John N., architect, 300 12th, Brooklyn, N. Y.
Linn Mills Co., twine, Landis, N. C.
Linn, V., & Son, carriages, 49 Bergen, Brooklyn, N. Y.
Linney, W. T., cornices, Fort Plain, N. Y.
Lino Paint Co., 16908 Waterloo rd, Cleveland, Ohio.
Linograph Co., machy., Davenport, Ia.
Linsell Co., contractors, 370 Fort W., Detroit, Mich.
Linstrom, R. S., architect, 171 W. Washington, Chicago, Ill.
Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
Lin-Stun Co., switch bases, 5010 Gloster, Pittsburgh, Pa.
Linthicum, Hill C., & H. Colvin, architects, Durham, N. C.
Linton Collieries Co., Fletcher Trust bldg, Indianapolis, Ind.
Linton & Co., gold & plumbers' solder, etc., 95 Pine, Providence, R. I.
Linton Mach. Co., 26 Cortlandt, New York.
Linton Mill Co., rivet, Linton, Ind.
Lintz, Henry, & Son, Fort Branch, Ind.
Lineville Graphite Co., Lineville, Ala.
Linville Lime Co., Linville, Va.
Linwood Construction Co., Marine Nat. Bk. Bldg., Buffalo, N. Y.
Linwood Quarries Co., Davenport, Ia.
Lion Buggy Co., auto. truck trailers, etc., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio.
Lion Hardware Co., Springfield, Ohio.
Lion Match Co., Inc., safety matches, 91 Grand, New York.
Lion Tractor Co., engines, 638 Sec Bk. Bldg., Minneapolis, Minn.
Lion Varnish Wks., Glendale Station, N. Y.
Lionel Mfg. Co., elec. toys, games & nov., 48 E. 21st, New York.
Lipe, W. C., machsts., Syracuse, N. Y.
Lipe & Walrath Co., 208 S. Geddes, Syracuse, N. Y.
Lipman Refrigerator Car & Mgr. Co., pumps, Beloit, Wis.
Lippard-Stewart Motor Car Co., Buffalo, N. Y.
Lippe & Co., picture frame moulding, 329 E. 29th, New York.
Lippe Contrg. Co., 52 Vanderbilt av, New York.
Lippert, E. T., Saw Co., Millvale, Pa.
Lippert, F. G., architect, 5 Beekman, New York
Lippert & Rhenstrom, machsts., Kenosha, Wis.
Lippincott, A. C., high pressure boilers, East Orange, N. J.
Lippincott, A. H., & F. H., soda water fountains, 24th & Locust, Philadelphia, Pa.
Lippincott-Carwen Co., special machy, Erie av & Richmond, Phila., Pa.
Lippincott, Clement G., masons' & bldrs.' matls., Salem, N. J.
Lippincott Co., canned goods, 42 Main, Cincinnati, Ohio.
Lippincott, Edwin, brick, Farmindale, N. J.
Lippincott, Mrs. J. W., canned goods, Salem, N. J.
Lippincot, Thos. B., architect, 1505 Arch, Phila., Pa.
Lippman & Sugarman, chemists, 135 Stockton, San Fran., Cal.
Lippman, Herbert, architect, 126 E. 59th, New York.
Lippold Valve Co., Erie, Pa.
Lipscomb, H. G., & Co., wholesale hdwe., Nashville, Tenn.
Lipscomb, Wm. P. & Co., contractors, District National Bank bldg, Washington, D. C.
Liptak Fire Brick Arch Co., 846 Builders Exchge. bldg, Minneapolis, Minn.
Liptak, John N., architect, 753 5th av, New York
Liquid Carbonic Co., pneu. spray brushes, 3100 S. Kedzie av, Chicago, Ill.
Liquified Petroleum Gas Co., gasoline, Tulsa, Okla.
Liquornik, Herman, architect, 255 Concord, Brooklyn, N. Y.
Lisbon Cement Co., Lisbon, Ohio.
Lisbon Lime Co., Lisbon, Ohio.
Lisby & Masten, contractors, Coatesville, Ind.
Lisenby Mfg. Co., machinery, Fresno, Cal.
Lisk Mfg. Co. (Ltd.), baskets, cans, lanterns, etc., Canandaigua, N. Y.
Liska, Chas. O, Architect, 9601 prospect av, Chicago, Ill.
Liska, Emil, architect, 9601 Prospect av, Chicago, Ill.
Lisle Mfg. Co., machsts. & fndrs., Clarinda, Ia.
Lissa, Hy., & Co., trunk mfrs., 595 B'way, New York.
Lissberger, Marks, & Son, smelters & refiners, 281 Borden av, Long Island City, New York.
List, Alex., & Sons, contractors, Grand Cent. Term., New York.
List, E. J., Mfg. Co., clutch couplings, Havana, Ill.
List & Gifford Construction Co., Ry. Exch. Bldg., Kansas City, Mo.
List, J., & Son, soap, 1776 N. Hancock, Philadelphia, Pa.
List & Weatherby Contr. Co., Ry. Exch. Bldg., Kansas City, Mo.
Lister & Fee, archtl. & ornamental iron, 42 S. 8th, B'klyn, N. Y.
Lister's Agricultural Chem. Wks., glue, fertilizer mfrs., Lister av, Newark, N. J.
Listman Mill Co., wheat flour, La Crosse, Wis.
Litch, L. D., Building Co., 7 Berkeley, Lynn, Mass.
Litchfield Bros., lumber, North Vernon, Ind.
Litchfield Bros., masons' & bldrs.' matls., Flanagan, Ill.
Litchfield, Electus D., architect, 477 5th av, New York.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Litchfield Mfg. Co., agricultural implements, Waterloo, Ia.
Litchfield, Metzner & Co., contractors, Louisville, Ky.
Litchfield, Orin E., granite, Fitchburg, Mass.
Litchfield Shuttle Co., tex. machy., supplies, etc., Southbridge, Mass.
Litchfield, Wm. E., lumber, 70 Kilby, Boston, Mass.
Litchfield Woolen Mills Co., Litchfield, Minn.
Litherland & Abrey Co., contractors, Beck Bldg., Portland, Ore.
Litho Stove & Machy. Co., 494 Broome, New York
Lithograph & Mfg. Co. of U. S., maps, 82 Duane, New York.
Litquick Gas Lamp Co., screw machine prod., 310 Conalle, Defiance, Ohio.
Lit-Silver Plbg. Supply Co., 109 Fallsway, Baltimore, Md.
Littejohn, L., & Co., crude rubber, 138 Front, New York.
Littell, F. J. Machine Co., (power presses), 4125-7 Ravenswood av, Chicago, Ill. *See adv. index at end of book.*
Littell, Geo. S., brick, Greensburg, Ind.
Litterer Bros. Mfg. Co., sinks & sheet metal goods, 154 Whiting, Chicago, Ill.
Littig Construction Co., Davenport, Ia.
Little, A. P., carbon paper, etc., Rochester, N. Y.
Little Androscoggin Water Power Co., cotton sheetings, Auburn, Me.
Little, Arthur D., Inc., chemists, 30 Charles River, Boston, Mass.
Little Chute Paper & Fibre Co., see Combined Locks Paper Co. (successor).
Little & Coffin Oil Co., Portland, Me.
Little & Craig, contrs., Gloversville, N. Y.
Little Falls Felt Shoe Co., Little Falls, N. Y.
Little Falls Fibre Co., wood felts, Little Falls, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
Little, G. H., machsts., Peabody, Mass.
Little Giant Co., floor scrapers & surfacing machy, 511-513 Madison, Maywood, Ill.
Little Giant Co., agr., impits. & clothes reels, Mankato, Minn.
Little Giant Mfg. Co., pruning shears, Saugatuck, Mich.
Little & Browne, architects, 70 Kilby, Boston, Mass.
Little Bros. Fdy. Co., Port Huron, Mich.
Little, Chas. H., Co., masons' & bldrs.' matls., Dock River Rouge, Detroit, Mich.
Little, Jos., spokes (wagon), Kennett, Mo.
Little Giant Punch & Shear Co., Sparta, Ill.
Little Giant Starter Co., auto self-starters, Canton, Ohio.
Little, J. H., tubs—butter, Arlington, Ia.
Little, J. R., Metal Wheel Co., Quincy, Ill.
Little, J. W., spokes, Paducah, Ky.
Little, Jno. J., lumber, Land Title Bldg., Philadelphia, Pa.
Little, M. S., Manufacturing Co., plumbers' supplies, Allyn & High, Hartford, Conn.
Little Mountain Oil Mill & Fertilizer Co., Little Mountain, S. C.
Little & O'Connor, architects, 103 Park av, New York.
Little & Phillips, contractors, Cordele, Ga.
Little & Preuss, advtg. signs, 309 E. 22nd, New York.
Little River Lumber Co., Star, N. C. & Townsend, Tenn.
Little River Redwood Co., Bulwinkle, Cal.
Little River Redwood Co., 112 Market, San Francisco, Cal.
Little Rock Furniture Mfg. Co., Little Rock, Ark.
Little Rock Lbr. Co., Little Rock, Ark.
Little Rock Mattress Co., Little Rock, Ark.
Little Rock Tent & Awning Co., Little Rock, Ark.
Little & Russell, architects, 45 Bromfield, Boston, Mass.
Little, Thos. A., water motors, Wheeling, W. Va.
Little, Thos., & Son, contractors, 1713 Moravian, Phila., Pa.
Little, Wm., concrete slag, Conshohocken, Pa.
Little Wolf River Lumber Co., Manawa, Wis.
Little & Zenzen, contractors, 284a Quail, Albany, N. Y.
Littlefield-Corbett, Furniture, Dept. H, Stockton, Calif.
Littlefield, H. A., & Co., armatures West Lynn, Mass.
Littlefield, R. W., contr., Oakland, Cal.
Littlefield, Sidney, lumber mfr., Centralia, N. Y.
Littlefield, Walter T., architect, 9 Hamilton pl, Boston, Mass.
Littleford Bros., steel tanks, etc., 444 E. Pearl, Cincinnati, O.
Littleford, Geo., lbr., 1768 Central av, Cincinnati, Ohio.
Littlejohn, Odgers & Milne, granite, Barre, Vt.
Littleton Lbr. Co., sashes, doors & blinds, Littleton, N. H.

Littleton, T. R., & Son, machsts. & fndrs., Fredericktown, Mo.
Littlestown Hdwe. & Fdry. Co., Littlestown, Pa.
Liver, C. B., & Co., refrigerators, Omaha, Neb.
Liveright Bros., file & rasp mfrs., 20th & Allegheny av, Phila., Pa.
Livermore Falls Pulp Co., see Parker Young Co. (successor).
Livermore Fire Brick Co., 604 Mission, San Francisco, Cal.
Livermore, H. F., Co., mill & factory supplies, Cummington, Boston, Mass.
Livermore, Hy. H., lbr., Wilton, N. H.
Livermore, Homer F., Inc., bicycle & motorcycle tire pumps, metals & metal products, 85 Pearl, Boston, Mass.
Livermore & Knight Co., advg. spec., 36 Pine, Providence, R. I.
Livick, A. J., sash doors & blinds, Staunton, Va.
Living-Stone Co., bond concrete, Baltimore, Md.
Livingston, Jas., machsts. & fndrs., Marathon, N. Y.
Livingston, J. & Co., Inc., elec. contractors, 104 E 41st, New York
Livingston Lbr. Co., Buck, Texas.
Livingston Mfg. Co., machsts. & fndrs., Rockland, Me.
Livingston Radiator Corp., airplane radiator, 75th & Amsterdam av, New York.
Livingston Roller Mill Co., flour, Livingston, Tenn.
Living-Stone Co., bond concrete, 1 East Lee, Baltimore, Md.
Livingstone Grain Co., Lowell, Mass.
Llewellyn & Doyle, machsts., Pearl & Hickory, Syracuse, N. Y.
Llewellyn Iron Wks., mill & facty. supplies, Los Angeles, Cal.
Llewellyn, Jos. C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.
Llewellyn, Ralph C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.
Lloyd, A., centrifugal pumps & steam engines, Erie, Pa.
Lloyd Bros. Co., stone producers, W. Central & Auburs avs, Toledo, Ohio.
Lloyd, C. Howard, architect, Telegraph Bldg., Harrisburg, Pa.
Lloyd Co., mill & facty. supplies, Everett, Wash.
Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.
Lloyd-Garrett Co., elec. light fix mfrs., 15th & Locust, Phila., Pa.
Lloyd, Geo. H., tin plate, metals, etc., 131 State, Boston, Mass.
Lloyd, H., Bldg. & Constr. Co., Odd Fellows Bldg., St. Louis, Mo.
Lloyd, J. E., & Sons, carriages, Rockford, Ohio.
Lloyd Mfg. Co., fireworks, 22 Park pl, New York.
Lloyd Mfg. Co., machsts. & fndrs., Menominee, Mich.
Lloyd Metal Co., Houston, Tex.
Lloyd & Moore Canning Co. see Allen & Moore Canning Co. (successors).
Lloyd, Percival N., landscape archt., Poughkeepsie, N. Y.
Lloyd, Richard G., & Co., contractors, Utica, N. Y.
Lloyd, Sam'l, & Co., lbr., Girard Bldg., Philadelphia, Pa.
Lloyd, T. C., contractor, Oxford, Ohio.
Lloyd, W. H. S., Co., wall paper jobbers, enamel, etc., 105 W. 40th, New York.
Lloyd, W. H. S., Co., wall paper importers, 125 N. Wabash av, Chicago, Ill.
Lloyd, Wm. G. & Co., loose leaf devices, 626 S. Clark, Chicago, Ill.
Lloyd, Wm. M., Co., lumber, Ridge av, c. N. 29th, Phila., Pa.
Lloyds Packing Co., canned goods, Lloyds, Md.
L. & M. Rubber Co., gloves, Corrollton, Ohio.
Lobb, C. A., & Sons, masons' & bldrs.' matls., Devon, Pa.
Lobb, Perry & Co., roofing slate mfrs., Danielsville, Pa.
Lobdell Car Wheel Co., chilled rolls, etc., Wilmington, Del.
Lobdell, Emery, Mfg. Co., lumber, Onaway, Mich.
Lobee Pump & Machy. Co., East Buffalo, N. Y.
Lobenstein, Geo. J., architect, 230 Martense, Brooklyn, N. Y.
Lober Radiator & Mfg. Co., 128 11th, Toledo, Ohio.
Loberg Milling Co., flour, Nelsonville, Wis.
Lobinger, Martin, contractor, Youngstown, O.
Lobnitz Co., sash, door & blind, 1714-22 Cleneay av., Norwood, O.
Lobo, Arthur, architect, 8 W. 33rd, New York
Localized Lighting Corp., electric fixtures, holders, etc., 540 11 58th, New York.
Locatelli, J. E., Co., contractors, 46 Cornhill, Boston, Mass.
Lochridge, H. H., architect, Long Beach, Cal.
Lock City Mfg. Co., sash, door & blind mfrs., Sault Sainte Marie, Mich.
Lock, H. & A. Co., mach'y guards, 243 44th, Brooklyn, N. Y.
Lock Haven Fire Brick Co., Lock Haven, Pa.
Lock Haven Silk Co., umbrella cloth, Lock Haven, Pa.
Lock Joint Pipe Co., East Orange, N. J.
Lock, Leonard L. architect, 4 W. 56th, New York.
Lock-Lite Mfg. Co., waste & garbage cans, Battle Creek, Mich.
Lock Rail Iron Bedstead Co., mchsts. & fndrs., Tacoma, Wash.
Lock-Stub Check Co., 253 36th, Brooklyn, N. Y.
Lockard, E. M., contractor, Indiana, Pa.
Locke, A. W. S., masons' & bldrs.' matls., Eldorado, O.
Locke & Black, fertilizer mfrs., Swedesboro, N. J.
Locke Coal Co., masons' & bldrs.' matls., Malden, Mass.
Locke Cotton Mills Co., Concord, N. C.
Locke, H. E., & Co., Inc., 225 Fourth av, New York.
Locke Insulator Mfg. Co., clamps, Victor, N. Y.
Locke, John, contr., Greenwich, Conn.
Locke, L. E., & Son, contractors, Lawrence, Mass.
Locke Mach. Works, Bradford, Pa.
Lock, Moore & Co., Ltd., lumber, Westlake, La.
Locke, R. A., flour mills, Lynchburg, Tenn.
Locke Regulator Co., engine stops, damper regulators, fire pump regulators, reducing valves, etc. mfrs., Salem, Mass.
Locke Steel Belt Co., Bridgeport, Conn.
Locke, Stevens & Co., plumbers' supplies, jobbers, 94 Warrenton, Boston, Mass.
Lockett, A. M., & Co., Ltd., contractors, Houston, Tex.
Lockett Crimping Mach. Co., 77 Summer, Boston, Mass.
Lockhart, Geo. L., archit., 417 S. Dearborn, Chicago, Ill.
Lockhart, Geo. L., architect, Endicott Bldg., St. Paul, Minn.
Lockhart-Hodge Co., guards & safety devices, White Bldg., Buffalo, N. Y.
Lockhart Iron & Steel Co., McKees Rocks, Pa.
Lockhart Oil & Gin Co., meal, Lockhart, Tex.
Lockhart, R. James, pipe grips, 201 Millvale, Pittsburgh, Pa.
Lockland Lumber Co., Benson & Mill, Lockland, O.
Locknane, G. E., architect, E. 226 High, Portsmouth, Va.
Lockport Canning Co., Lockport, N. Y.
Lockport Central Sugar Refining Co., Lockport, La.
Lockport Chemical Works, Lockport, Ill.
Lockport Cotton Batting Co., Lockport, N. Y.
Lockport Fdries. Corp., malleable iron castings, Lockport, N. Y.
Lockport Glass Co., milk jars & bottles, Lockport, N. Y.
Lockport Machine Co., paper bag machinery, Lockport, N. Y.
Lockport Paper Co., Lockport, N. Y.
Lockward, Lynn G., architect, Caldwell, N. J.
Lockwood & Almquist, self winding clocks, 112 E. 19th, New York.
Lockwood, Arth. J., steel struct'l dlrs., 304 Hudson, New York.
Lockwood, Arthur G. C. (Medford), architects, Boston, Mass.
Lockwood Ash Motor Co., marine engines, Jackson, Mich.
Lockwood, B. F., masons' & bldrs.' matls., Lyons, N. Y.
Lockwood, Brackett & Co., soap, 222 State, Boston, Mass.
Lockwood, Chas. H., architect, 171 Westminster, Providence, R. I.
Lockwood Co., cotton sheetings, Waterville, Me.
Lockwood Co., wholesale hardware, 16 Reade, New York.
Lockwood, David T., stone producers, workers & dealers, 280 Broadway, New York.
Lockwood, Frank, architect, 121 Adams, Montgomery, Ala.
Lockwood-Greene & Co., architects, Healey bldg, Atlanta, Ga.
Lockwood, Jesse H., architect, 114 Watchung av, Montclair, N. J.
Lockwood, Gus, contractor, Paducah, Ky.
Lockwood, John B., cornices & skylights, North Manchester, Ind.
Lockwood & Poundstone, architects, Healey bldg, Atlanta, Ga.
Lockwood & Strickland Co., sash, door & blind mfrs., 49th & Halsted, Chicago, Ill.
Lockwood, T. F., architect, Columbus, Ga.
Loco Light Co., locomotive headlights, 139 S. East, Indianapolis, Ind.
Locomobile Co. of America, automobile bldrs., Bridgeport, Conn.
LOCOMOTIVE CRANE CO., Bucyrus, Ohio.
See adv index at end of book.
Locomotive Finished Material Co., Atchison, Kans.
Locomotive Stoker Co., 30 General Robinson, Pittsburgh, Pa.
Locomotive Super Heater Co., 17 E 42nd, New York.
Locomotive Superheater Co., 30 Church, New York.
Locust Pin Co., insulator & brackets, Front Royal, Va.
Lodge Mfg. Co., mchsts. & fdrs., So. Pittsburg, Tenn.
Lodge, Martin P., stone producers, wkrs. & dlrs., 532 W. 44th, New York.
Lodge & Shipley Machine Tool Co., Cincinnati, Ohio.
Lodge, W. F., masons' & bldrs.' matls., Monticello, Ill.
Loeb Bros., contractors, Dubois, Pa.
Loeb Hardware Co., Montgomery, Ala.
Loeb, Leopold, & Sons, masons' & bldrs.' matls., Morgan City, La.
Loeber, H. G., Co., soda water fountains, 151 E. 126th, New York.
Loeble, Herman G., cornices, Troy, N. Y.
Loeck, Dorothy F. Mrs., architect, 1542 N. St. Andrews Pl, Los Angeles, Cal.
Loeffelholz Co., brass foundry, 170-182 Clinton, Milwaukee, Wis.
Loeffler, A., Provision Co., Bennings, D. C.
Loeffler, Louis J., telephone switchboards, 20 Fulton, New York.
Loeffler, Otto, architect, 14 Jackson, Stapleton, N. Y.
Loeffler, Theo. J. M., cornices & skylights, Toledo, O.
Loegler & Ladd, Inc., mill & factory supplies, Buffalo, N. Y.
Loehler, G. G., Co., contractors, Franklin Natl. Bank Bldg., Washington, D. C.
Loehlein & Diezel, furn., 2811H Vermont av, Cleveland, Ohio.
Loeper, Anton, & Sons, store fixtures, Ashland, Pa.
Loesch, H. C., carriages, Colo. Springs, Colo.
Loescher, J., Tannery Co., harness ltr., Muskegon, Mich.
Loeser, John, & Co., mattresses, 1625 Wabash av, Chicago, Ill.
Loesser, E., & Son, screw mach. prod., 48 Spring, Newark, N. J.
Loetscher & Burch Mfg. Co., sash, door & blind mfrs., Des Moines, Ia.
Loetscher-Ryan Mfg. Co., h'dwe. specialties, Jones, Dubuque, Ia.
Loew Mfg Co., bottle cleaning machy., etc., 9100 Madison av, N. W., Cleveland, O.
Loewenbach, B., & Sons Co., loose leaf devices, 2005 Clybourn, Milwaukee, Wis.
Loewenberg, Israel S. architect, 29 S. La Salle, Chicago, Ill.
Loewenstein & Sons, wholesale hardware, Charleston, W. Va.
Loewenthal Co., scrap iron, steel & rubber, 23 Heyward, Brooklyn, N. Y.
Loewenthal, Gustav, Co., sash, door & blind, Middletown, Conn.
Loewer, John E., Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Loew's, John A., Sons, cornices, Braddock, Pa.
Loffland Bros., machinists, Woodsfield, O.
Lofgren, Wm. R., architect, Quincy, Mass.
Lofquist, Jno., architect, 742 Market, San Francisco, Cal.
Loftus, John, contractor, 283 May, Worcester, Mass.
Loftus, Martin, brick, Jefferson, O.
Logan, A. F., & Co., contractors, Youngstown, O.
Logan, A. J., Co., mattresses, 29th & Liberty, Pittsburgh, Pa.
Logan Bros., contractors, Tampa, Fla.
Logan, C. A., architect, Beaumont, Tex.
Logan Carriage & Auto Co., Parkersburg, W. Va.
Logan Clay Product Co., Logan, O.
Logan Coal Co., bituminous, Harrison bldg, Phila., Pa.
Logan Coal & Supply Co., masons' & bldrs.' matls., Jacksonville, Fla.
Logan County Cotton Oil Co., Paris, Ark.
Logan, Edw., Mach. Co., machsts., Trenton, N. J.
Logan Fdry. & Machine Co., Logan, O.
Logan & Gertz Construction Co., Elgin, Ill.
Logan-Gregg Hardware Co., 121 9th, Ptg., Pa.
Logan Iron & Steel Co., rolling mills, St. Girard Bldg., Phila., Pa.
Logan Iron Wks., steel wk. & boilers, 54 Commercial, Brooklyn, N. Y.
Logan Bros., contractors, Clinton, Ia.
Logan, J. M., Lumber Co., Knoxville, Tenn.
Logan, J. W., & Sons Co., lumber, Parnassus, Pa.
Logan, John A. & W. B., masons' & bldrs.' matls., Paris, Ill.
Logan Machine & Mfg. Co., metal specialties, 222 S. Clinton, Chicago, Ill.
Logan Mfg. Co., furn., Dept. H, Logan, Ohio.
Logan-Moore Lumber Co., R. A. Long Bldg., Kansas City, Mo.
Logan Pottery Co., Logan, O.
Logan, Swift & Brigham Envelope Co. Division, Worcester, Mass.
Logan & Whaley, cornices & skylights, Marshall, Tex.
Logan, Wm. S., masons' & bldrs.' matls., Paris, Ill.
Logansport Boiler & Mach. Wks., Logansport, Ind.
Logansport Carriage Works, Logansport, Ind.
Logansport Furniture Co., piano benches, Logansport, Ind.
Logansport Oxygen Co., Logansport, Ind.
Logansport Radiator & Equipment Co., Logansport, Ind.
Logansport Stone & Const. Co., Huntington, Ind.
Logeman, F. H., Chair Mfg. Co., 10th & Mulhanply, St. Louis, Mo.

Logeman Bros. Co., baling presses, 3130 Burleigh, Milwaukee, Wis.
Loggie, A. & R., canned goods, Columbia Falls, Me., & Island Pond, Vt.
Loggers Oil Equipment Co., fuel oil burners, 230 Ash, Portland, Ore.
Loggers & Contrs. Machy. Co., 70 4th, Portland, Ore
Logie, Jas., & Co., bags & bagging, 42 B'way, New York.
Logue, Chas., Building Co., 18 Tremont, Boston, Mass.
Logue James, contr., Wilmington, Del.
Lohman, H. J., architect, McKeesport, Pa.
Lohman, J. A., architect, Monessen, Pa.
Lohrey, Henry, meat packers, 2234 E. N. Side, Pittsburgh, Pa.
Lohrey & Moellering, meat pkrs., 2151 Kendel av, Cincinnati, O.
Lohrey Packing Co., meat, 2827 Mass., C. W., Cincinnati, O.
Lohse Brick Co., Common, Seattle, Wash.
Lohse, H., Co., cornices, Evansville, Ind.
Lohse, John, contractor, Winona, Minn.
Lohse, M., & Son, masons' & bldrs.' matls., Boonville, Mo.
Lohse Patent Door Co., St. Louis, Mo.
Loisel, Jos., sash, door & blind mfrs., Cloquet, Minn.
Loiseaux, Joshua D., Lumber Co., Plainfield, N. J.
Loma Prieta Lumber Co., New Bank Bldg., San Francisco, Cal.
Loma Ranch Co., canned goods, Fall Brook, Cal.
Lombard Brick & Tile Co., Lombard, Ill.
Lombard & Co., grindstones & pulp stones, 236 A, Boston, Mass.
Lombard Governor Co., Ashland, Mass.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lombard, John T., lumber, Hastings, Mich.
Lombard & Ludwig, decorators, 309 14th, N. W., Washington, D. C.
Lombard Mach. Co., Worcester, Mass.
Lombard Traction Engine Co., mchsts., Waterville, Me.
Lombard-White Co., clothes washing machines, H Harlow, Worcester, Mass.
Lombardi Constr. Co., Lincoln Bldg., Philadelphia, Pa.
Lombardi Motor Car Co., battery connectors, Derby, Conn.
Lomm Lbr. Co., Modoc Point, Ore.
Londeluis, C. A., & Sons Co., water heaters, wall ties, joist hangers, etc., 847 W. 63d, Chicago, Ill.
London Auto Supply Co., windshields, 2540 S. Wabash av, Chicago, Ill.
London, Geo. G., Mfg. Co., shoe counters, Lynn, Mass.
London Guarantee & Accident Co., employers' liability ins., 55 John, New York.
London Guarantee & Accident Co., insurance, 134 La Salle, Chicago, Ill.
London Knitting Mills, sweaters, cardigans, etc., 371 Quincy, Brooklyn, N. Y.
London Mfg. Co., masons' & bldrs.' mtls., London, Ky.
London, N., brass, copper, iron & steel scrap, 263 Front, New York.
London & Sack, electrotype metals, etc., 259 Front, New York.
London-Savannah Naval Stores Co., Savannah, Ga.
Lone Mountain Milling Co., flour, Lone Mountain, Tenn.
Lone Oak Oil Mill Co., Lone Oak, Tex,
Lone Star Pressed Brick Co., Ferris, Tex.
Lone Star Shipbldg. Co., Beaumont, Texas.
Lonek, Adolph, architect, 1867 S. Avers av, Chicago, Ill.
Lonergan, J. E., Co., mchsts & fndrs., 211 Race, Phila., Pa.
Loney, Samuel, & Co., masons' & bldrs.' matls., Walla Walla, Wash.
Long, A. G., fire apparatus, Portland, Ore.
Long, Adam A., Machine Works, special machinery, tools & dies, Rochester, N. Y.
Long, Albert, architect, 7 W. Madison, Chicago, Ill.
Long & Allstatter Co., punch & shear machy., Hamilton, O.
Long-Arm System Co., mchsts., Lakeside & E. 38th, Cleveland, O.
Long Beach Brick Co., Long Beach, Cal.
Long Beach Tuna Packing Co., see West Coast Packing Co. (successors).
Long-Bell Co., lbr., Quitman, Miss.
Long-Bell Lumber Co., Kansas City, Mo.
Long-Bell Naval Stores Co., Doucette, Tex.
Long Bros., canned goods, Westover, Md.
Long Bros., mchsts. & fndrs., Kokomo, Ind.
Long, C. E., architect, 665 Newark av, Jersey City, N. J.
Long, C. R., Jr., Co., paint mfrs., Louisville, Ky.
Long, C. W., brick, Washington, Ia.
Long, Clifford, brick, Columbus Junction, Ia.
Long Const. Co., contrs., Rialto Bldg., Kansas City, Mo.
Long Distance Telephone Mfg. Co., So. Bend, Ind.
Long, E. B. & H. J., architects, 804 Penn av, Pittsburgh, Pa.
Long, E. C., Mfg. Co., machsts. & fdrs., Hannibal, Mo.
Long, E. H., brick, Sturgis, Ky.
Long, E. M., & Sons, masons' & bldrs.' matls., sashes, doors & blinds, Cadiz, O.
Long, E. T., & Co., contractors, Wilkes-Barre, Pa.
Long, F. R., W. G. Broadhurst Co., contractors, dock bldrs., Hackensack, N. J.
Long, Fred W., & Co., contractors, Jacksonville, Fla.
Long Fruit Products Co., canned goods, Portland, Ore.
Long Furn. Co., Dept. H, Hanover, Pa.
Long, Geo. A., Cabinet Co., Hanover, Pa.
Long, Geo., Contracting Co., 13th & 1st av, Baltimore,, Md.
Long Grate Bar Co., Buffalo, N. Y.
Long, Harry W., contractor, Franklin, Pa.
L. I. Brick Co., Inc., 280 Madison av, New York.
L. I. Charcoal Co., 212 24th, Brooklyn, N. Y.
Long Island Hdwe Co., mill & facty supplies, 68 Jackson av, Long Island City, N. Y.
Long Island Fdry. Co., L. I. City, N. Y.
L. I. Knitting Mills Co., bathing suit mfrs., 335 Throop av, Brooklyn, N. Y.
L. I. Mach. & Marine Const. Co., ft. E. av, Long Island City, N. Y.
L. I. Soap Co., 27 Bridgewater, Brooklyn, N. Y.
Long, J. B., brick, common, Jackson, Tenn.
Long, J. H., Machine Co., 184 High, Boston, Mass.
Long, J. K., & Son, contractors, Punxsutawney, Pa.
Long, Jas. Lee, architect, Hopkinsville, Ky.
Long, John A., architect, Germania Bank bldg, Pittsburgh, Pa.
Long-Knight Lumber Co., 1025 Lewis, Indianapolis, Ind.
Long, Landreth, Schneider Co., gas water heaters, New Brunswick, N. J.
Long, Lewis, Hardware Co., Bessemer, Ala.
Long & McAuliffe, contractors, Brockton, Mass.
Long, M. A., Co., archit., Munsey bldg, Baltimore, Md.
Long, M. D., stone producers, Brockton, Mass.

Long Mfg. Co., water cooling radiators, 2768 E. Gd. blvd., Detroit, Mich.
Long & Oldfield, lbr., Elkatawa, Ky.
Long, P. Beauregard, flour mills, Alaska, W. Va.
Long-Pasley Lbr. Co., Williston, Fla.
Long Pine Lbr. Co., Alexandria, La.
Long, S. M., & Son, flour mills, Shelbyville, Ky.
Long & Saunders Co., granite, S. Quincy, Mass.
Long Syrup Refining Co., 16th & Division, San Francisco, Cal.
Long, T. C., stone producers, Allentown, Ohio.
Long-Thompson Co., masons' & bldrs.' matls., Knox, Ind.
Long, V. W. Lbr., Birmingham, Ala.
Long, W. H., flour mills, Howard, Pa.
Long, W. O., architect, 108 W 2nd, Los Angeles, Cal.
Long, W. Z., Co., confectioners' machy., Springfield, Ohio.
Long, Walter Mfg. Co., tubular boilers, 1312 Muriel, Pittsburgh, Pa.
Longacre Constr. Co., Widener Bldg., Philadelphia, Pa.
Longaker, H. G., & Co., canned goods, Federalsburg, Md.
Longbridge Cotton Oil Co., cottonseed meal, Longbridge, La.
Longcor, W. J., contractor, 709 5th, Minneapolis, Minn.
Longdin Brugger Co., solid tires, Fond du Lac, Wis.
Longest Bros. Co., automobile bldrs., Louisville, Ky.
Longfellow, A. W., architect, Tremont Bldg., Boston, Mass.
Longfellow, A. W., lbr., Linden, Idaho.
Longford Co. of America, Truck Units, Cambridge, Mass.
Longman & Martinez, paints, varnish mfrs., etc., 54 Maiden la., New York.
Longmont Brick & Tile Co., Longmont, Colo.
Longmont Flour Mills, Longmont, Colo.
Longshore James, trunk mfr., Sacramento, Cal.
Longstreet Lumber Co., Longstreet, La.
Longview Cotton Oil Co., meal, fertz. mfrs., Longview, Tex.
Longview Lime Wks., Longview, Ala.
Longview Mattress Co., Longview, Tex.
Longville Lumber Co. Longville, La.
Longwell-Cummings Co., tablets & pads, Logansport, Ind.
Longwell Teaming & Storage Co., masons' & bldrs.' matls., 2245 Lumber, Chicago, Ill.
Longworth, I. R., Co., spokes, Somerset, Ky.
Longwood, Inc., contr., Wilmington, Del.
Longworth, W. P., Heating Co., htg. contrs., 416 E. Main, Richmond, Va.
Longyear, E. J., Co., drills, 710 Sec. Bk. Bldg., Minneapolis, Minn.
Lonoke Rice Mill Co., Lonoke, Ark.
Lonsdale Brick & Pottery Co., Knoxville, Tenn.
Lonsdale Bros., contrs., Bryant Bldg., Kansas City, Mo.
Lonsdale Co., shade cloth mfrs., 50 S. Main, Providence, R. I.
Lonsdale Foundry Co., Knoxville, Tenn.
Lontz, S. C., & Sons, masons' & bldrs.' matls., South Bend, Ind.
Lonyo-Harsha Brick Co., Larkin rd, nr. Mich., Detroit, Mich.
Lonyo & M. C. R. R., brick, Detroit, Mich.
Looby, Wm. H., paint brushes, Centerbrook, Conn.
Loogootee Fire Clay Products, Loogootee, Ind.
Look & Lincoln, machsts. & fndrs., Marion, Va.
Lookout Boiler Mfg. Co., boiler breechings, Chattanooga, Tenn.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Lookout Planing Mills, cedar chests, Chattanooga, Tenn.
Looman, W. J., cornices, 856 E. Gd. blvd, Detroit, Mich.
Loomer & Allen, contractors, Belmont, Mass.
Loomis, A. C., contr., Mattoon, Ill.
Loomis Bros., contractors, Cedar Rapids, Ia.
Loomis, C. D., architect, 143 Liberty, New York.
Loomis & Hart Mfg. Co., lumber, Chattanooga, Tenn.
Loomis & Hartman, architect, Todd Bldg., Louisville, Ky.
Loomis, J. H., & Sons, silos, Phoenix, N. Y.
Loomis, John S., Lumber Co., sash, door & blind mfrs., Baltic & Nevins, Brooklyn, N. Y.
Loomis Machine Co., well drilling & prospecting machinery, Tiffin, Ohio.
Loomis-Manning Filter Distributing Co., 1421 S. 37th, Philadelphia, Pa.
Loomis, W. & H., Contracting Co., Lansford, Pa.
Loonah Lumber Co., Sioux Falls, S. D.
Looney & Bloess Lumber Co., Sedalia, Mo.
Looney Rivers Lumber Co., Boyce, La.
Loos, Adam, boilers, Toledo, Ohio.
Loos & Dilworth, lubrg. oils, paraffine wax, etc., 134 S. Front, Philadelphia, Pa.
Loos & Dothard, contractors, Commercial Tr. Bldg., Phila., Pa.
Loos, E. D., mchsts. & fndrs., Colby, Wis.
Loos, Richard C., architect, 1017 Chestnut, Philadelphia, Pa.
Loose, Chas. C., sash, door & blind, Myerstown, Pa.
Loose, Sam'l A., & Son, mchsts. & fndrs., Hamburg, Pa.
Loper Bros., sash, door & blind mfrs., Port Jefferson, N. Y.
Loper, Eli & Son, sashes, doors & blinds, Bridgeton, N. J.
Loper Fire Alarm Co., Stonington, Conn.
Lopez, M. F., contr., Tampa, Fla.
Loptein Bros., carriages, Sycamore, Ill.
Loptien, G., & Sons (est. of), carriages, Sycamore, Ill.
Lorain Brass & Bronze Foundry Co., Lorain, Ohio.
Lorain Casting Co., Lorain, Ohio.
Lorain Coal & Dock Co., Huntington Bk. bldg, Columbus, Ohio
Lorain Hardware Co. (whol), Lorain, Ohio.
Lorain Lumber & Mfg. Co., Lorain, Ohio.
Lorain Sand & Gravel Co., Lorain, Ohio.
Lorain Steel Co., iron forgings, rolling mills, etc., Johnstown, Pa.
Loraine Smelting & Refining Co., 25 N. Dearborn, Chicago, Ill.
Loray Mills, sheeting, Gastonia, N. C.
Lorch, Emil, architect, Ann Arbor, Mich.
Lord Bowler Co., carbonizers & indigo mills, Cleveland, Ohio.
Lord & Burnham, greenhouse heating apparatus, 30 E. 42nd, New York.
Lord & Burnham Co., contrs., 208 S. La Salle, Chicago, Ill.
Lord & Burnham Co., steam heaters, Little bldg, Boston, Mass.
Lord & Bushnell Co., lumber mfrs., 2424 Lafin, Chicago, Ill.
Lord & Caswell, coffins, etc., Skowhegan, Me.
Lord Elec. Co., brake handles, 105 W. 40th, New York.
Lord, F. K., architect, 120 B'way, New York.
Lord, F. T., Polish Co., Cambridge, Mass.
Lord, Fred. K. architect, 105 Lord, Bayonne, N. J.
Lord, Geo. W. Co., boiler compounds, 2238 N. 9th, Phila., Pa.
Lord, Hewlett & Tallant, architects, 345 5th av, New York.
Lord, Hord Hdwe Co., Knoxville, Tenn.
Lord, L. L., boiler cleaners, Meadville, Pa.
Lord, Lee H., & Co., whol. lbr., Peoria, Ill.
Lord Lumber Co., hardwood doors, La Grange, Ill.

Lord Mfg. Co., elec. instr., light'g. arresters, etc., 105 W. 40th, New York.
Lord, Rufus E., bldg. contr., Waltham, Mass.
Lord Stone & Co., stove, Otter River, Mass.
Lord, W. M., Co., excelsior, Union, N. H.
Lord & Waterman, contractors, Scranton, Pa.
Lord, Wm. Henry, architect, Asheville, N. C.
Lorehn, Olle J., architect, Light & Power Co. Bldg., Houston, Tex.
Lorenc, Joseph A., architect, 6712 Imlay, Chicago, Ill.
Lorentzen, H. K., sheet metal stamping, 60 Grand, New York.
Lorenz Bros. Co., contractors, 4540 W. Madison, Chicago, Ill.
Lorenz, Chas., cornices, 1018 Callowhill, Philadelphia, Pa.
Lorenz, P. H., contractor, Moline, Ill.
Lorenz, Wm., Trunk Works, Inc., tool cases, 212 Marquette av, Minneapolis, Minn.
Lorenzen, Chas. F., & Co., grille work, 105 N. Clark, Chicago, Ill.
Loretto Iron Co., ores, 1400 Fulton, Chicago, Ill.
Lorick Bros., cornices & skylights, Columbia, S. C.
Lorick & Lowrance, masons' & bldrs' supplies, whol hdwe & mill supplies, Columbia, S. C.
Lorillard Refrigerator Co., stretchers—portable, 25 W. 32d, New York.
Lorimer & Gallagher Co., contractors, 226 La Salle, Chicago, Ill.
Lorimer Mfg. Co., phonographs, Troy, Ohio
Lorimer Mach. Co., Ontario & Lawrence, Philadelphia, Pa.
Loring, Chas. G., architects, 7 Water, Boston, Mass.
Loring, Ralph S., architect, Lewiston, Idaho.
Loring, Sanford, mchst. & fndr., Coldwater, Mich
Lorio, Jacob, sweaters, etc., Dedham, Mass.
Lorraine Car Co., ambulances, Richmond, Ind.
Los Angeles Brick Co., Los Angeles, Cal.
Los Angeles Can Co., 303 San F'ndo rd, Los Angeles, Cal.
See adv. index at end of book
Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.
Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.
Los Angeles Creamery Auto & Machine Co., 1020 Towne av, Los Angeles, Cal.
Los Angeles Engineering & Mfg. Co., dies, special machy, models, etc., 1212 E. 6th, Los Angeles, Cal.
Los Angeles Fertilizer Co., 2643 E. Edwin, Los Angeles, Cal.
Los Angeles Foundry Co., 2444 S. Alameda, Los Angeles, Cal.
Los Angeles Furn. Co., Dept. H, Los Angeles, Calif.
Los Angeles Heavy Hdwe. Co., 218 N. Los Angeles, Los Angeles, Cal.
Los Angeles Ladder Co., Los Angeles, Cal.
Los Angeles Mfg. Co., machinists, Los Angeles, Cal.
Los Angeles Olive Growers' Assn., canned, Los Angeles, Cal.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
Los Angeles Planing Mill Co., Los Angeles, Cal.
Los Angeles Pressed Brick Co., 145 S. B'way, Los Angeles, Cal.
Los Angeles Rubber Co., mill factory supplies, Los Angeles, Cal.
Los Angeles Saddlery & Finding Co., Los Angeles, Cal.
Los Angeles Smelting Co., babbitt & solder, 739 N. Main, Los Angeles, Cal.
Los Angeles Soap Co., Los Angeles, Cal.
Los Angeles Stone Co., Baker Detwiler Bldg., Los Angeles, Cal.
Los Angeles Telescope Co., Los Angeles, Cal.
Los Angeles Tuna Canning Co., Long Beach, Cal.
Los Angeles Valve & Fittings Co., 2741 Compton, Los Angeles, Cal.
Lose, W. S., Co., contrs., Wilkinsburg, Pa.
Losch, C. E., architect, Union City, Ind.
Losee, F. E., brick, Newton, N. J.
Losekann, Joseph, architect, Stockton, Cal.
Losey & Co., whol. hdwe., Easton, Pa.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Losie, C. S., architect, Hornell, N. Y.
Loth, C., furn. 520H E. Pearl, Cincinnati, Ohio.
Loth, Edw. W., architect, 253 B'way, Troy, N. Y.
Loth, Joseph, & Co., woven labels, Norwalk, Conn.
Loth, W. J., Stove Co., mchsts. & fndrs., Waynesboro, Va.
Loth & White, architects, 130 State, Albany, N. Y.
Lothman Cypress Co., lumber mfrs., ft. of Angelica, St. Louis, Mo.
Lothrop, F. B., Co., ferrules, South Acton, Mass.
Lothrop, H. A., & Co., cutlery, Sharon, Mass.
Lothrop, John M., contractor, 2381 Boulevard, Jersey City, N. J.
Lothrop, L. D., & Son, fish hooks, fog horns, Gloucester, Mass.
Lothrop Mfg. Co., steel benches, 15 W. Kinzie, Chicago, Ill.
Lott, K. F., & Co., masons' & bldrs.' matls., 101 E. 8th, St. Paul, Minn.
Lotter Bros. Mfg. Co., mchsts. & fndrs., Seymour, Wis.
Lotter, Henry G., architect, 427 Milwaukee, Milwaukee, Wis.
Lotter, Hy. G., architect, 427 Milwaukee, Milwaukee, Wis.
Lottman, C. F., & Sons, mattresses, Houston, Tex.
Lotus Cut Glass Co., Barnesville, Ohio.
Lotz, August, & Co., bee keepers' supplies, Boyd, Wis.
Lotz, Philip, & Co., contractors, 56 E. Randolph, Chicago, Ill.
Lotze's, A., Sons Co., laundry dryers, 8th & B'way, Cincinnati, Ohio.
Louck & Hill Co., sash, door & blind mfrs., Richmond, Ind.
Loucks & Clarke Corp., contractors, Wallingford, Conn.
Loucks, Elmer E., carriages, Schenectady, N. Y.
Loucks Hardware Co., Scottsdale, Pa.
Loucks, J. H., lbr., Colville, Wash.
Loud, H. M., Sons Co., ties, poles, etc., Osceola, Mich.
Louden & Hill, sponges, 624 Arch, Philadelphia, Pa.
Louden Machine Works, Lebanon, Pa.
Louden Machinery Co. (The), barn equipments, Fairfield, Ia.
Loudenslager, H., Fdry. Co., 465 S. Canal, Columbus, Ohio.
Loudon Packing Co., canned goods, Terre Haute, Ind.
Louderback, A. E., varnish mfrs., 75 Murray, New York.
Loudoun Valley Milling Co., flour, Purcellville, Va.
Louer, W. D., & Co., contrs.' equipt., 415 S. Dearborn, Chicago, Ill.
Lougeay, John M., contractor, 5822 Douglas, Pittsburgh, Pa.
Lougee, Wm. S., architect, Marshall Bldg., Cleveland, Ohio.
Lough Bros., die & grey iron castings, 90 West, New York.
Lough, W., & Son, contrs., Marion, Ill.
Loughran Machine Co., Ames, Iowa.
Loughron, Thomas J., contr., Warren, R. I.
Louis, Hy. D., packing box mfrs., Leadenhall & B. & O. R. R., Baltimore, Md.
Louis, J. H., Carriage & Wagon Co., 314 W. Court, Cincinnati, O.
Louis, Jno. C., contrs. tools & supp. 31 So. Howard, Baltimore, Md.
Louis, Jno. C., contrs. tools & supp. 221 S. Eutaw, Baltimore, Md.
Louis, Romine, contr., East St. Louis, Ill.
Louise Lumber Co., Lexington, Ky.
Louisiana Building & Contr. Co., see Orleans Demolishing & Supply Co. (successor).
Louisiana Central Lumber Co., Clarks, La.
Louisiana Cooperage Co., Plaquemine, La.
Louisiana Cornice Works, New Orleans, La.
Louisiana Creosoting Co., Winnifield, La.
Louisiana Cypress Lumber Co., Ltd., Harvey, La.
Louisiana Distillery Co. (Ltd.), 865 S. Peters, Harvey, La.
Louisiana Fibre Board Co., Bogalusa, La.
Louisiana Glass & Mirror Works, 309 Lafayette, New Orleans, La.
Louisiana Grain & Milling Co., Ltd., Lake Charles, La.
Louisiana Long Leaf Lumber Co., Fisher, La.
Louisiana Lumber Co., Bogalusa, La.
Louisiana Metal Cabinet Works, emblems, booths, junction boxes, letters, signs, etc., New Orleans, La.
Louisiana Oil Refining Co., petroleum products, Shreveport, La.
Louisiana Paper Co., Ltd., Shreveport, La.
Louisiana Red Cypres Co., 814H Perdido, New Orleans, La.
Louisiana Red Cypress Lumber Co., Wichita, Kans.
Louisiana Rice Milling Co., New Orleans, La.
Louisiana Saw Mill Co., Glenmora, La.
Louisiana Scale Co., mchsts., New Orleans, La.
Louisiana State Rice Milling Co., Montegut & Chartress, New Orleans, La.
Louisiana State University, Engng. Schools & Coll., Baton Rouge, La.
Louisville Auto. Supply Co., spark plugs, Louisville, Ky.
Louisville Axe & Tool Co., Highland Park, Ky.
Louisville Bedding Co., mattresses, Louisville, Ky.
Louisville Belting Co., Louisville, Ky.
Louisville Brick Co., Louisville, Ky.
Louisville Brick & Tile Co., Louisville Ohio.
Louisville Bridge & Iron Co., steel struct. wk., Louisville, Ky.
Louisville Car Wheel & Ry. Supply Co., Louisville, Ky.
Louisville Cement Co., 315H Guthrie, Louisville, Ky.
Louisville Cereal Mill Co., flour mills, Louisville, Ky.
Louisville Coal & Coke Co., Goodwill, W. Va.
Louisville Cornice & Roofing Co., Louisville, Ky.
Louisville Cotton Mills Co., twine, Louisville, Ky.
Louisville Drying Mach. Co., Louisville, Ky.
Louisville Fertilizer Co., Louisville, Ky.
Louisville Fire Brick Works, Highland Park, Ky.
Louisville Fdry. Co., Louisville, Ohio.
Louisville Frog & Switch Co., Louisville, Ky.
Louisville Lead & Color Co., Louisville, Ky.
Louisville Machine Mfg. Co., concrete block, Louisville, Ohio.
Louisville Paint Mfg. Co., Louisville, Ky.
Louisville Pillow Co., see Louisville Bedding Co. (successors)
Louisville Planing Mill Co., oak flooring Dept. H, Beech & Woodland, Louisville, Ky.
Louisville Point Lumber Co., 1146 Fulton, Louisville, Ky.
Louisville Pottery Co., Floyd & Bloom av, Louisville, Ky.
Louisville Provision Co., meat packers, Louisville, Ky.
Louisville Silo & Tank Co., Louisville, Ky.
Louisville Soap Co., Shelby & Ormsby, Louisville, Ky.
Louisville Tin & Stove Co., whol. hdwe., Louisville, Ky.
Louisville Varnish Co., Louisville, Ky.
Louisville Veneer Mills, Louisville, Ky.
Lounsbery, A. P., artificial leather & upholsterers' tacks, 11 W. 5th, Cincinnati, Ohio.
Lounsberry, Geo. H., contractor, Duluth, Minn.
Lounsberry, H. C., heating contractors, Camden, N. J.
Lounsbury & Bissell Co., wood felts, Winnipauk, Conn.
Loup Creek Colliery Co., coal mine, Page, W. Va.
Lourie Hydraulic Press Co., presses etc. Springfield, Ill.
See adv. index at end of book.
Loutre Lumber Co., Cargile, Ark
Lovatt, Geo. I., architect, 416 Walnut, Philadelphia, Pa.
Lovdall, Geo. F., architect, 25 N. Dearborn, Chicago, Ill.
Love, Boyd & Co., masons & bldrs.' matls., Nashville, Tenn.
Love Bros., brass, grey iron & mach. castings, Aurora, Ill.
Love Bros., Inc., heat resisting castings, Aurora, Ill.
Love, Edgar L., architect, Huntsville, Ala.
Love Fdry. & Mach. Co., Winchester, Ky.
Love, J. P., stone producers, Webster, Mass.
Love, Jos. V., & Co., rubber stamps, stencils, Galveston, Tex.
Love, M. A. Mfg. Co., see Ward-Love Pump Corp. (successors).
Love Mfg. Co., mchsts. & fndrs., Corry, Pa.
Love Piket & Nulsen Co., heating contr., 8th & B'way, Cincinnati, Ohio.
Love, Robt. Jas., architect, Willdon bldg, Hoopeston, Ill.
Love Thompson Co., whol. hdwe., 209 1st av, Pittsburgh, Pa.
Love Wagon Co., Durant, Miss
Lovegrove & Co., machy dlrs., Bourse bldg, Phila., Pa.
Lovegrove Milling & Feed Co., flour, Charlottesville, Va.
Lovejoy, C. H., Chaplet Co., Cambridge, N. Y.
Lovejoy, D., & Son, mach. knives, etc., Lowell, Mass.
Lovejoy, Ellis, dry kilns, Columbus, Ohio.
Lovejoy Granite Co., Milford, N. H.
Lovejoy, J. E., contractor, Des Moines, Ia.
Lovejoy Planing Mill Co., sash, door & blind mfrs., 823 E. 17th, Kansas City, Mo.
Lovejoy, R. N., carriages, North Chesterville, Me.
Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
See adv index at end of book
Lovekin Pipe Expanding & Flanging Mach. Co., 421 Chestnut, Philadelphia, Pa.
Lovekin Water Heater, 39 Laurel, Philadelphia, Pa.
Lovelace Lumber Co., Brewton, Ala.
Loveland, A. C., & Co., scrap rubber, Hartford, Conn.
Loveland, Arthur L., archit., Colman Bldg., Seattle, Wash.
Loveland, J. E., masons & bldrs.' matls., Moscow, Pa.
Loveland, L. H., Co., picker sticks, Rumney, N. H.
Loveland, L. L., contractor, Cranford, N. J.
Loveland, M. E., mill & facty. supplies, Gouverneur, N. Y.
Loveland Plaster & Mfg. Co., Denver, Colo.
Loveland, Wm. H., Co., toilet articles, Binghamton, N. Y.
Loveless, L. W., Mfg. Co., razor strops, Lafayette, Ind.
Lovell, Alfred, consulting engineer, 619 Harrison bldg, Philadelphia, Pa.
Lovell, F. H., & Co., mail boxes & conduit hangers, Arlington, N. J.
Lovell-McDonald, architects, 30 N. Michigan av, Chicago, Ill.
Lovell Mfg. Co., clothes' wringers, Erie, Pa.
Lovell, Sidney, theatre architect, 30 N. Michigan, Chicago, Ill.
Lovering, Robert H., htg. Contrs., 37 Savin, Rox., Boston, Mass.

Lovett, Solon, boot & shoe counters, Beverly, Mass.
Lovewell-Henrici Co., laundry machy. & screw presses, Chelsea, Mass.
Lovingood Co., bale ties, H Haynes, Atlanta, Ga.
Lo Vis Co., can openers, Kalamazoo, Mich.
Lovitt, C. W., contractor, 1015 E. 33rd, Kansas City, Mo.
LOVSTED, C. M. & CO., steam whistles, 316 1st av, So., Seattle, Wash. *See adv. index at end of book*
Lovvorn, W. J., flour mills, Cedartown, Ga.
Low Bros., & Co., lime mfrs., Limeridge, Pa.
Low, F. Eliot, & Co., mill & facty. supplies, Paterson, N. J.
Low Moor Iron Co., blast furnaces, Low Moor, Va.
Low, N. S., & Co., surgical instruments, 44 ave. A, New York.
Lowden, G. W., canned goods, Savannah, Ga.
Lowe, Albert G., architect, Furguson Bldg, Pittsburgh, Pa.
Lowe Bros. Co., technical paints, Dayton, Ohio.
Lowe Bros., Mach. & Engine Works, Columbus, Ohio.
Lowe & Co., whol. hdwe., Weatherford, Tex.
Lowe, E. E., & Co., lumber, Atlanta, Ga.
Lowe, Elmer C., architect, 108 S. La Salle, Chicago, Ill.
Lowe, Geo., architect, Kingston, N. Y.
Lowe, Geo. A., Co., whol. hdwe., mill & facty. supp., masons & bldrs.' matls., Ogden, Utah.
Lowe, Hy. A., test indicators, 1874 E. 66th, Cleveland, Ohio.
Lowe-Hord Hardware Co., fertilizer, Knoxville, Tenn.
Lowe Lbr. Co., bldrs' mtls., H, S. Main, Mishawaka, Ind.
Lowe, Lloyd C., architect, Huntington, W. Va.
Lowe Mfg. Co., parers—hoof, Enderlin, N. D.
Lowe, Perley, & Co., lumber, 332 S. Mich. av, Chicago, Ill.
Lowe, S. C., Supply Co., mill & facty. supp., cabinet oil, New Bedford, Mass.
Lowe, T. F., machinist, Buford, Ga.
Lowe, T. J., fertilizer, Mableton, Ga.
Lowe, Willis C., architect, Crocker Bldg., San Francisco, Cal.
Lowekamp Bros., canned goods, Jessups, Md.
Lowell Bldg. & Supply Co., contrs., baskets, hampers, crates, bldg. mtls., sash mfrs., etc., Lowell, Ohio
Lowell Canning Co., Lowell, Wis.
Lowell Casket Co., Lowell, Mass.
Lowell Crayon Co., crayons & pencils, Lowell, Mass.
Lowell Cutter Co., carriage bodies & seats, Lowell, Mich.
Lowell Felt Co., Lowell, Mass.
Lowell Fertilizer Co., 40 N. Market, Boston, Mass.
Lowell Furnace Co., Lowell, Mass.
Lowell, Guy, architect, 225 5th av, New York.
Lowell, Guy, architect, 12 West, Boston, Mass.
Lowell Insulated Wire Co., flexible cords, rubber covered & telephone wires, Lowell, Mass.
Lowell-Meservey Hardware Co., Colorado Springs, Colo.
Lowell Paper Tube Corp., Lowell, Mass
Lowell Planing Mill Co., see Lowell Building & Supply Co. (successor).
Lowell Polish Co., Lowell, Mass.
Lowell Rendering Co., soap, Lowell, Mass.
Lowell Shuttle Co., Lowell, Mass.
Lowell Specialty Co., mchsts. & fndrs., Lowell, Mich.
Lowell Textile Co., towels, North Chelmsford, Mass.
Lowell Waste Co., Lowell, Mass.
Lowell Wrench Co., mfrs. reversible ratchet wrenches, 54 Commercial, Worcester, Mass. *See adv index at end of book.*
Lowenhein's A. & Sons, furniture, 581H Maiden av, New York.
Lowenstein Radio Co., Inc., 397 Bridge, Brooklyn, N. Y.
Lowenthal Co., scrap iron, 947 W. 20th, Chicago, Ill.
Lowenthal, Max, & Sons, gloves, sweaters, Rochester, N. Y.
Lowenthal, W., & Co., cotton batting, Cohoes, N. Y.
Lowentraut, P., Mfg. Co., hdwe. mfrs., 36 Brenner, Newark, N. J.
Lower California Fisheries Co., canned, San Diego, Cal.
Lower Vein Coal Co., Terre Haute, Ind.
Lowerator Co., gravity conveyors, 110 W. 40th, New York.
Lowerstor Co., Inc., conveying machy., 631 Kent av, Brooklyn, N. Y.
Lowery Bros., contractors, 1631 S. Salina, Syracuse, N. Y.
Lowinson, Oscar, 5 W. 31st, New York.
Lowman & Hanford Co., pads & tablets, Seattle, Wash.
Lown, David A. Co., architects, Central Trust bldg, San Antonio, Tex.
Lown & Son, buckets, churns, pails, etc., Poughkeepsie, N. Y.
Lowndes & Butler, machinists, Norristown, Pa.
Lowndesville Cotton Oil Co., meal, fertz. mfrs., Lowndesville, S. C.
Lowrance Bros., & Co., contractors, Memphis, Tenn.
Lowres, G. J., & Co., optical goods mfrs., 344 Mulberry, Newark, N. J.
Lowrie, C. N., landscape architect, 101 Park av, New York.
Lowrie & Robinson Lumber Co., sash, door & blind, 2569 Jefferson av, W. Detroit, Mich.
Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd, Chicago, Ill.
Lowry Co., plumbers', mill & facty. supp.—jobbers, Atlanta, Ga.
Lowry, Curtis W., potteries, Roseville, Ohio.
Lowry, F. S., potter, Roseville, Ohio.
Lowry, I. B., architect, Phoenixville, Pa.
Lowry, John, Jr., contr., 8 W. 40th, New York.
Lowry Top & Body Co., 1211 Vine, Philadelphia, Pa.
Lowry Wagon Works, Augusta, Ga.
Lowy, A., travel'g bags & suit cases, 18 Greene, New York.
Lowy & Co., travel'g bags & suit cases, 79 Grand, New York.
Lowy, D., & Co., scrap iron & steel, 66 10th av, New York.
Loy-Lange Box Co., pckg. box mfrs., 3d & Russell, St. Louis, Mo.
Loy & Nawrath Co., machinists, 25 Runyon, Newark, N. J.
Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.
Loyd, H. C., canned goods, Goodview, Va.
Loyd, John, Co., dies, knives, machy., etc., 124 Baxter, New York.
Loyola University Engineering Dept., Engng. Schools & Coll., Chicago, Ill.
Lozier, Ad-Service, advertising counsellors, 343 S. Dearborn, Chicago, Ill.
Lozier Motor Co., machsts. & fndrs., Plattsburg, N. Y.
Lozier Motor Co., Mack & Belt Line, Detroit, Mich.
L. P. C. Motor Co., mchsts., Racine, Wis.
L. & P. Knitting Co., sweaters, etc., Hawley, Pa.
L. S. & M. S. Ry. Shops, mchsts. & fndrs., Elkhart, Ind.
L. S. P. Calking Mach. Co., Wyalusing, Pa.
Lubbers & Bell Mfg. Co., chair seats & fly swatters,, Clinton, Ia.
Lubec Sardine Co., canned, Lubec, Me.
Lubenow Mfg. Co., mach. screws, 592 1st av, Milwaukee, Wis.
Luber Button Works, 1265 B'way, New York.
Lubin Mfg. Co., moving picture films, Indiana & 20th, Phila., Pa.

Lublin, B., & Son, scrap rubber, Hartford, Conn.
Lubricating Metal Co., 976 Newark av, Jersey City, N. J.
Lubricating Metal Co., metallic packing, 2 Rector, New York.
Lubrication World, trade publication, Monadnock bldg, Chicago, Ill.
Lubron Co., packing mfrs., Everett, Mass.
Lubroth, J., architect, 2210 Bath av, Brooklyn, N. Y.
Lubschez, Ben J., architect, 601 W. 177th, New York.
Luby, Wm. J., stone producers, Meriden, Conn.
Lucas, A., & Sons, mine cages, coal chutes, 1329 S. Washington, Peoria, Ill.
Lucas, A. T., contractor, Houston, Tex.
Lucas Bros., flour mills, Shinnston, W. Va.
Lucas, Chas. O., & Co., rotary bake ovens, Dayton, Ohio
Lucas, D. A., & Co., architects, 98 3rd, Brooklyn, N. Y.
Lucas, H. N., cornices, Negaunee, Mich.
Lucas, Herbert, architect, 117 E 60th, New York.
Lucas, I. L., brick, Dover, N. H.
Lucas, J. Craig, sash, door & blind, Brookville, Pa.
Lucas, J. S. & Son Inc., machy dlrs., Bridgeport, Conn.
Lucas, John, & Co., enamels, paints, varnishes, etc., 322 Race, Philadelphia, Pa.
Lucas Land & Lumber Co., Paducah, Ky.
Lucas Mach. Co., sand papering, Jamestown, N. Y.
Lucas Machine Tool Co., 524 E. 99th, Cleveland, O.
Lucas Miner Tool & Production Co., air compressors, pumps & jigs, 427 Valley, Dayton, Ohio.
Lucas Supply & Equipt Co., mill supplies, 109H N. George, York, Pa.
Lucas-Tuttle Mfg. Co., school rulers, Silver Springs, N. Y.
Lucas-Wallace Mfg. Co., carbureters, Paducah, Ky.
Lucas, Wm., brick, Portland, Me.
Lucas, Wm., contractor, Galveston, Tex.
Lucas, Wm. A. architect, 3411 Halliday av, St. Louis, Mo.
Luce Bros., sashes, doors & blinds, 214 19th av, N., Minneapolis, Minn.
Luce, Cortlandt F., architect, 36 Pearl, Hartford, Conn.
Luce Furn. Co., Dept. H, Grand Rapids, Mich.
Luce, Geo. D., tree moss, Hagan av & St. Peters, New Orleans, La.
Luce-Redmond Chair Co. Ltd., Dept. H, Big Rapids, Mich.
Luce Trunk Factory, 1026 Maine, Kansas City, Mo.
Lucey Foundry & Mach. Co., see Lucey Mfg. Co., (successors).
Lucey Manufacturing Corp., oil & gas well supplies, 233 B'way, New York.

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Los Angeles Cal., Telephone Bldg.
San Francisco, Cal., Kohl Bldg.
Denver, Colo., First Nat'l Bank Bldg.
Shreveport, La.
Pittsburgh, Pa., Oliver Bldg.
Chattanooga, Tenn.
Beaumont, Tex.
Fort Worth, Tex.
Houston, Tex.
Ranger, Tex.
London, England, 1-5 Broad St. House.
Tampico, Mex., Apartado No. 248

Luchte, Jos. L., mach. & fdr., Greensburg, Ind.
Lucik, A., furniture, Dept. H, New Albany, Ind.
Lucius, W. W. architect, Lewis bldg, Portland, Ore.
Luck, C. H., Envelope Co., 701 La Salle, Chicago, Ill.
Luckel King & Cake Soap Co., Portland, Ore.
Luckenbach, D. & A., flour mills, Bethlehem, Pa.
Luckett, Fred'k, light fixture mfrs., 266 State, Brooklyn, N. Y.
Luckhardt, C. A., Co., assayers, 53 Stevenson, San Francisco, Cal.
Luckhardt, Louis, cornices, 85 Sweetbriar, Pittsburgh, Pa.
Lucy, G. R., & Co., soap, 100 San Bruno, San Francisco, Cal.
Ludeman, Edwin H., mach'y, 165 B'way, New York.
Luden, J. J. W., & Co., mill & factory supplies, Charleston, S. C.
Luders Marine Constr. Co., motor boat, launch & yacht bldrs., Stamford, Conn.
Ludgin, Jos. G., architect, 53 W. Jackson blvd., Chicago, Ill.
Ludington Cigarette Mach. Co., Waterbury, Conn.
Ludington, Ira M., Sons, contractors, Powers Bldg., Rochester, N. Y.
Ludington, J., & Co., canned goods, 2211 Boston, Baltimore, Md.
Ludington Lumber Co., Ludington, La.
Ludington, N., Co., masons' & bldrs.' matls., Marinette, Wis.
Ludlam, Fred'k, Co., fertilizer mfrs., 2 Rector, New York.
Ludlow, L. V., & Co., masons' & bldrs.' matls., Far Hills, N. J
Ludlow Mfg. Associates, bags & bagging, 111 Devonshire, Boston, Mass.
Ludlow Mfg. Co., oil cans & sheet metal ware, Ludlow, Ky.
Ludlow, Saylor Wire Co., wire cloth, etc., 319 Pine, St. Louis, Mo.
Ludlow & Squier, mill & facty. supplies, 97 Market, Newark, N. J.
Ludlow Valve Mfg. Co., machsts. & fdrs., 141 Milk, Boston, Mass.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Ludlum Steel Co., magnet, steel, 2 Rector, New York, and Watervliet, N. Y.
Ludowici-Celadon Co., roofing tile mfrs., Monroe Bldg., Chicago, Ill.
Ludvigsen Bros., steel toes, calks, Jackson, Minn.
Ludwig, A., & Co., brass goods mfrs., 75 Spring, New York.
Ludwig & Co., pianos, 136th & Willow av, New York.
Ludwig, Geo. W., architect, Temple bldg, Danville, Ill.
Ludwig, L. O., starch mfr., Cary, Me.
Ludwig Piano Co., 1103 Chestnut, Philadelphia, Pa.
Ludwig, Rudolph, architect, 9 Jackson av, Brooklyn, N. Y.
Ludwig, Wm. H., architect, 801 Eastern P'way, Brooklyn, N. Y.
Ludy, J. W., cornices & skylights, Zanesville, O.
Luebkert, Otto, architect, 643 Wellington av, Chicago, Ill.
Luecders, Geo., & Co., soap colors & oils, 218 Pearl, New York.
Luedinghaus Bros., lumber, Dryad, Wash.
Luedinghaus-Espenschied Wagon Co., 1717 N. B'way, St. Louis, Mo.
Luehrmann, Chas. F., Hardwood Lumber Co., 150 Carroll, St. Louis, Mo.
Luetkemeyer Co., whol. hdwe., mill, facty. & steam fitters' supplies, 725 Superior av, N. W., Cleveland, Ohio.
Luenzmann, Frank, Co., bldg. contrs., 1912 Prairie, Milwaukee, Wis.
Luer Bros. Packing & Ice Co., meat packers, Alton, Ill.
Luetke, Oscar, architect'l & ornament. iron, 328 7th av, New York.
Luetscher, Jacob J., contractor, Madison, Wis.
Luffbarry, Andrew, architect, 547 Drexel bldg, Phila., Pa.

Lufkin, C. F., tackle blocks, Gloucester, Mass.
Lufkin Foundry & Machine Co., Lufkin, Tex.
Lufkin, Jno. W. & R. H., machy, 38 Chardon, Boston, Mass.
Lufkin Land & Lumber Co., Lufkin, Tex.
Lufkin Rule Co., rules & measuring tapes, Hess, Saginaw, Mich.
Lugar, C. W., canned goods, Troutville, Va.
Lugasch, J. P., architect, 21 Bline Ave., West York, N. J.
Lugger, F. W., & Son, machinists, Delaware, O.
Luick Bros. & Co., lbr. mfrs., Ann Arbor, Mich.
Luitink & Sons Mfg. Co., mchsts, 775 18th av, Milwaukee, Wis.
Luitwieler Pumping Engine Co., 125 Ames, Rochester, N. Y.
Lukehart, A. L., architect, Falls Creek, Pa.
Lukemeyer, Wm. H., & Son, brick, Huntingburg, Ind.
Lukens Bros., lumber, 9th & Girard, Philadelphia, Pa.
Lukens Milling Co., flour, Atchison, Kans.
Lukens Steel Co., boiler braces & steel plate manfrs., Coatesville, Pa.
Lukens, Thos. F. Metal Co., soldering flux, etc., 1105 Fairmount av, Phila., Pa.
Lukens, Wm. A., contractor, Clearfield, Pa.
Lukens & Yerkes, masons' & bldrs.' matls. & lime mfrs., Stephen Girard Bldg., Philadelphia, Pa.
Lukes, Wm., hdwe. mfr., 857 S. 19th, Newark, N. J.
Lukomski Bros., plumbers' supplies, 2480 East Grant blvd, Detroit, Mich.
Luley Abattoir Co., meat packers, St. Paul, Minn.
Lull Carriage Co., delivery & spring wagons, Kalamazoo, Mich.
Lum, A. L., & Co., plumber supp., Norfolk, Va.
Lum, Geo. E., machst., Birmingham, Ala.
Lum Hdwe. & Plbg. Supply Co., mill & factory supplies, Norfolk, Va.
Lum, L. C., masons' & bldrs.' matls., Barker, N. Y.
Lum Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.
Lum, Wm. H., & Son, cut glassware, 508 Broome, New York.
Lumach Coal Co., 613 Locust, St. Louis, Mo.
Lumbs, Levi, Son, masons & bldrs.' matls., Poughkeepsie, N. Y
Lumber (Commercial Journal Co.), trade publication, H Arcade bldg, St. Louis, Mo.
Lumber Mfrs. Agency, Centralia, Wash.
Lumber Mfg. Co., Gainesville, Fla.
Lumber Mineral Co., Arbo, Miss.
Lumber & Supply Co., masons' & bldrs.' matls., Logan, O.
Lumber Trade Journal, New Orleans, La.
Lumber Transit Co., Centralia, Wash.
Lumber World Review, trade publications, 608 S. Dearborn, Chicago, Ill.
Lumbermen's Service Ass'n., architects, 326 W. 3rd, Los Angeles, Cal.
Lumberman's Supply Co., Topeka, Kans.
Lumen Bearing Co., bearings, castings, etc., 200 Lathrop, Buffalo, N. Y. *See adv. index at end of book.*
Luminous Specialty Co., elect. light reflectors, Indianapolis, Ind.
Luminous Unit Co., electric fixtures, Jefferson & Washington av, St. Louis, Mo.
Lummi Bay Packing Co., canned goods, Green Bay, Wis.
Lummus Cotton Gin Co., Columbus, Ga.
Lummus, Walter E., Co., chemical distilling & rectifying apparatus mfrs., 171 Milk, Boston, Mass.
Lumpkin Hardware Co., Cartersville, Ga.
Lumpkin Home Mixture Guano Co., Lumpkin, Ga.
Lumsden & Van Stone Co., mill & facty. supplies, Dorchester, Boston, Mass.
Lunan, J., & Sons, packing box, Fall River, Mass.
Lunbeck Bros., lumber, South Salem, O.
Lund, A., Construction Co., 19 S. La Salle, Chicago, Ill.
Lund, Anders G., architect, 453 W. 63d, Chicago, Ill.
Lund, J. B. & Sons, machsts. & fndrs., Sheboygan, Mich.
Lund, Jas. B., consulting engnr., 19 S. La Salle, Chicago, Ill.
Lund & Nelson, see Lund, Jas. B. (successor).
Lundahl Bros. Fuel & Contracting Co., Moline, Ill.
Lundberg, Gustaf, Swedish iron, Board of Trade Bldg., Boston, Mass.
Lundberg & Mahon, architects, Provident Bldg., Tacoma, Wash.
Lundblad, Claus D., architect, New Telegraph bldg, Detroit, Mich.
Lunde & Childs, brass fndrs., La Crosse, Wis.
Lundgren, Edward, brick, Warren, Minn.
Lundie, Elwin H., architect, Endicott bldg, St. Paul, Minn.
Lundin Elec. & Mach. Co., arc lamp insulators, 10 Thatcher, Boston, Mass.
Lundin Steel Casting Co., Neponset, Boston, Mass.
Lundquist, C. A., & Co., wholesale hardware, Jamestown, N. Y.
Lundquist, C. W., & Co., contractors, 712 15th av, N. E., Minneapolis, Minn.
Lundstrum, A., architect, Yakima, Wash.
Lundstrom, C. J., Mfg. Co., filing cabinets, Little Falls, N. Y.
Lunenberg Mfg. Co., coffins, etc., Lunenberg, Vt.
Lungwitz, Emil E., pulp filters, 90 West, New York.
LUNKENHEIMER CO. (THE), engineering appliances, Beekman & Waverly, Cincinnati, O. *See adv index at end of book.*
Lunsford, G. A., & Sons, machy. dlrs., Elberton, Ga.
Lunt Moss Co., mill & facty. supp., 43 S. Market, Boston, Mass.
Lupfer, Geo. B., Co., mattresses, Columbus, O.
Lupien, A., architect, 1204 Carroll, Brooklyn, N. Y.
Lupprain, Chas. A., architect, 180 Main, New Rochelle, N. Y.
Lupton's, David, Sons Co., cornices & skylights, etc., Allegheny av & Tulip, Philadelphia, Pa.
Lurch Piano Co., 127 East 23rd, New York.
Luria Bros. & Co., scrap iron & steel, Reading, Pa.
Luria Rag Co., scrap rubber, iron & steel, York, Pa.
Lurie, Aaron, cornices, Hartford, Conn.
Lurie, John, Inc., auto supplies, etc., 1789 Broadway, New York
Lurz, Frank, Co., contractors, Elmhurst, N. Y.
Lushbaugh, W. H., contrs., tents, Covington, Ky.
Lusher & Rockett, contractors, Fort Worth, Tex.
Lusk Bros. Fdry. Co., Jackson, Mich.
Lusse Bros., machsts., 2807 N. Fairhill, Phila., Pa.
Lust, Wm., traveling bags, 927 Van Ness av, San Fran., Cal.
Lustbader Constr. Co., 328 E. 103d, New York.
Luster-Jordan Co., Inc., box makers' machy., Finance bldg., Philadelphia, Pa.
Luster Machy. Co., mach. tools, 917 Arch, Phila., Pa.
Lustig & Weil, contractors, 103 Park av, New York.
Lustre Creme Mfg. Co., metal polish, Rock Island, Ill.
Lustre Mfg. Co., polish, 16 W. Kinzie, Chicago, Ill.
Lutcher & Moore Cypress Lbr. Co., Ltd., Lutcher, La.
Lutcher & Moore Lumber Co., Orange, Tex.
Luten, Daniel B., consulting engnr., Indianapolis, Ind.
Lutes-Sinclair Co., machsts. & fndrs., Benton Harbor, Mich.
Luth Carriage Co., 1275 Budd, Cincinnati, Ohio.
Luthe Hardware Co., Des Moines, Ia.
Luther, B. G., Co., machsts., Worcester, Mass.
Luther, C. A., & Co., textile machy., Pawtucket, R. I.
Luther, Frederick P., Co., railroad equip., 14 E. Jackson blvd., Chicago, Ill.
Luther Grinder Mfg. Co., tool sharpeners, vises & post drills, 285 S. Water, Milwaukee, Wis.
Luther, Jno., & Sons, contractors, 176 North, Rochester, N. Y.
Luther Mfg. Co., machsts. & fndrs., Olean, N. Y.
Luthy & Co., port. grain elev., corn planters, clothes washing machs., etc., Peoria, Ill.
Luthy Hydrometer Co., 97 Woodward, Detroit, Mich.
Lutke Mfg. Co., show cases, Portland, Ore.
Lutter Brick Co., 1503 Wellington av, Chicago, Ill.
Lutter & Gies, machsts., 258 Lake, Milwaukee, Wis.
Lutton, Wm. H., horticultural architect, 70 E. 45th, New York.
Luttrell Hardware Co., Brewton, Ala.
Luttrell, S. B., & Co., whol. hdwe., Knoxville, Tenn.
Luttrell & Unger, canned gds., Unger's Store, W. Va.
Lutz, Alois M., machsts., Hoboken, N. J.
Lutz & Boaz, contractors, Easton, Pa.
Lutz Co., Inc., quilting mach., wrenches, drill holders, etc., 31st & Gray's Ferry av, Philadelphia, Pa.
Lutz, D. E., lbr., Mill Creek, W. Va.
Lutz File Co., hack saw blades, etc., 806 B'way, Cincinnati, O.
Lutz, Ferdinand, flushings, valves, 555 W. B'way, New York.
Lutz, Isadore, canned gds., Bloomington, Ill.
Lutz, J. C., architect, Thief River Falls, Minn.
Lutz, J. H., machinist, Circleville, Ohio.
Lutz, Robt., stone, Oshkosh, Wis.
Lutz, Robt. J., contr., Mahanoy City, Pa.
Lutz & Schramm Co., canned goods, Pittsburgh, Pa.
Luverne Auto Co., Luverne, Minn.
Luverne Oil Mills, Luverne, Ala.
Lux, L. A., Co., boiler compound, 2187 E. 2nd, Cleveland, Ohio.
Lux Mfg. Co., tungsten lamps, 123 E. Kinney, Newark, N. J.
Luxam Electrical Supply Co., 225 E. Columbia, Ft. Wayne, Ind.
Luxenberg & Haskell, umbrella handles, 122 Centre, New York.
Luyster, Cornelius W., Jr., contractor, 35 Nassau, New York.
Luzerne Chemical Co., wood acids, Pittston, Pa.
Luzerne Mfg. Co., machsts. & fndrs., Luzerne, Pa.
Luzerne Rubber Co., Trenton, N. J.
L.-W.-F. Engineering Co., aeroplane mfrs., College Point, L. I., N. Y.
L. & W. Spring Co., machy. springs, 210 Centre, New York.
Lyall, J., & W., machsts., Passaic, N. J.
Lycoming Bedding Co., mattresses, Williamsport, Pa.
Lycoming Calcining Co., gypsum, stucco & wall plaster mfrs., Williamsport, Pa.
Lycoming Fdry & Mach. Co., see Lycoming Motors Corp., (successor).
Lycoming Motors Corp., gasoline engines, Williamsport, Pa.
Lycoming Timber & Lumber Co., Pottsville, Pa.
Lydall & Foulds Paper Co., Manchester, Conn.
Lydall, H., & Foulds, machsts. & fndrs., Manchester, Conn.
Lyddon, B. R., contr., Rockford, Ill.
Lydia Cotton Mills, sheetings, Clinton, S. C.
Lydon, M. J., contractor, Elgin, Ill.
Lyknu Polish Mfg. Co., 916 Forbes, Pittsburgh, Pa.
Lyle Corr. Culv. Co., 171 27th av, S. E., Minneapolis, Minn.
Lyle Lbr. & Mfg. Co., Lyle, Wash.
Lyle & Reynolds, machsts. & fndrs., Crawfordsville, Ind.
Lyle Rock Co., stone prod., Kansas City, Mo.
Lyles, J., architect, 734 8th N. W., Washington, D. C.
Lyman, Abner A., contractor, New Britain, Conn.
Lyman Gun Sight Corp., Middlefield, Conn.
Lyman, H. B., conductor pipe, Southampton, Mass.
Lyman, Harry B., masons' & bldrs.' matls., Lafayette, Ind.
Lyman, Hawkins Lumber Co., Akron, Ohio.
Lyman, John R., Co., platers' supplies, Springfield, Mass.
Lyman, Jno. T., sash, door & blind mfr., Montclair, N. J.
Lyman Mfg. Co., candy pails, Warren, Ohio.
Lyman Mills, cotton sheetings, Holyoke, Mass.
Lyman Richery Sand Co., Omaha, Neb.
Lyman, Wm. H., contractors, 155 N. Clark, Chicago, Ill.
Lynch, Alonzo K., belt dressing, 310 Flushing av, B'klyn, N. Y.
Lynch, Austin J., Co., contractors, 111 W. Monroe, Chicago, Ill.
Lynch Brick Co., Haverstraw, N. Y.
Lynch Bros. Brick Co., Holyoke, Mass.
Lynch Bros., & Co., brick, East Kingston, N. Y.
Lynch-Clarksey Co., boiler compounds, 3211 S. Wood, Chicago, Ill.
Lynch-Cannon Eng. Co., Dooly Bldg., Salt Lake City, Utah.
Lynch Construction Co., Inc., 52 Vanderbilt av, New York.
Lynch Construction Co., McIntyre Bldg., Salt Lake City, Utah.
Lynch, Edw., & Co., mill & facty. supplies, 31 S. Clinton, Chicago, Ill.
Lynch, Elliott, architect, 341 5th av, New York.
Lynch, Geo. C. Co., see Plant Mfg. Corp., (successor).
Lynch Glass Machy. Co., bottle blowing machy., Anderson, Ind.
Lynch, J. Hal, & Son, architects, Dolph bldg, St. Louis, Mo.
Lynch James H., contractor, 501 River av, Providence, R. I.
Lynch, Hubert T., contrs., 180 Jessie, San Francisco, Cal.
Lynch & Larkin, contractors, Yonkers, N. Y.
Lynch-McDonald Construction Co., Moberly, Mo.
Lynch, Michael, Constr. Co., Paterson, N. J.
Lynch & O'Brien, brick, Haverstraw, N. Y.
Lynch, P. J., contractor, 110 Jessie, San Francisco, Cal.
Lynch, V., & Co., contractors, 13 Park row, New York.
Lynch, W. B., lumber, Darlington, Ind.
Lynch, Wm., boiler compounds, 32 Bay, Brooklyn, N. Y.
Lynch, Wm. H., contractor, West New Brighton, N. Y.
Lynch & Woodward, htg. contrs., 287 Atlantic av, Boston, Mass.
Lynchburg Brick Co., Lynchburg, Va.
Lynchburg Coal & Coke Co., Lynchburg, Va.
Lynchburg Cotton Mills, cotton sheetings & tickings, Lynchburg, Va.
Lynchburg Foundry Co., cast iron pipes, plows, etc., Lynchburg, Va.
Lynchburg Lumber Mfg. Co., sash, door & blind, Lynchburg, Va.
Lynchburg Milling Co., flour, Lynchburg, Va.
Lynchburg Plow Wks., Lynchburg, Va.
Lynch's, Jno. R., Sons, cornices, Binghamton, N. Y.
Lynd-Farquhar Co., machine tool dealers, 419 Atlantic av, Boston, Mass.
Lynd, Leonard E., Mfg. Co., stove lid lifters, & door knobs, Mechanicsville, N. Y.
Lynden Mill & Light Co., lumber, Lynden, Wash.

Lyndonville Canning Co., Lyndonville, N. Y.
Lyne, C. H., castings, Miami, Fla.
Lyne, S. T., contractor, Fredonia, N. Y.
Lynn Bros., contrs., Wabash, Ind.
Lynn, Elliott C., contractor, Youngstown, Ohio.
Lynn Gas & Electric Co., water-gas, tar, Lynn, Mass.
Lynn Stall Co., hinges, Lynn, Mass.
Lynn Tile & Brick Works, Lynn, Ind.
Lynnhaven Lbr. Co., Norfolk, Va.
Lynnport Slate Wks., roofing slate mfrs., Lynnport, Pa.
Lynott Stove & Churn Wks., Louisiana, Mo.
Lynwood Mfg. Co., machsts., Hancock & Westmoreland, Philadelphia, Pa.
Lyon, A., contr., Ithaca, N. Y.
Lyon, A. S., lumber, West Bridgewater, Mass.
Lyon & Billard Co., masons' & bldrs.' matls., Meriden, Conn.
Lyon Bros., masons' & bldrs.' matls., Menominee, Mich.
Lyon, C. B., & Son, brick, Memphis, Tenn.
Lyon, C. S., flour mills, Stanford, Ky.
Lyon, Conklin & Co., Inc., tin plate, metals, etc.—wholesale, 19 Balderston, Baltimore, Md.
Lyon & Edwald, wholesale hdwe, New London, Conn.
Lyon, G. S., & Sons Lbr. & Mfg. Co., Decatur, Ill.
Lyon-Gray Lbr. Co., Sherman, Tex.
Lyon, H. F., Co., machy. dlrs., 24 California, San Francisco, Cal.
Lyon & Healy, organs, pianos, 245 S. Wabash av, Chicago, Ill.
Lyon Iron Wks., Greene, N. Y.
Lyon, J. W., brass castings, 46 Clifford, Providence, R. I.
Lyon, John C., soap, Newark, N. J.
Lyon, Julian W., drug importer, 101 Beekman, New York.
Lyon Lumber Co., 208 S. La Salle, Chicago, Ill.
Lyon Lumber Co., Odessa, Fla.
LYON METALLIC MFG. CO., Aurora, Ill.
Chicago Branch, 122 South Michigan av
New York Branch, 299 Broadway
Detroit Branch, 812 Penobscot bldg
Cincinnati Branch, 2305 Union Central bldg
Pittsburgh Branch, 629 Oliver bldg
Philadelphia Branch, 519 Bulletin bldg
Rochester Branch, 1101 Granite bldg
Boston Branch, 161 Devonshire
Lyon Lumber Co., Odessa, Fla.
Lyon Rubber Co., Akron, Ohio.
Lyon, W. E., & Co., masons' & bldrs.' matls., Carthage, Ill.
Lyon, W. E., Iron Works, 202 E. 46th, New York.
Lyons, A. H., storage batteries, S. Girard Bldg., Phila., Pa.
Lyons, A. J., Sons, lbr. mfrs., Binghamton, N. Y.
Lyons, Andrew C., architect, Fairmont, W. Va.
Lyons Atlas Co., farm tractors, 19th & Martindale av, Indianapolis, Ind.
Lyons Counter Co., Lynn, Mass.
Lyons, Edw. S., belt knives, Woburn, Mass.
Lyons Felt Co., gaskets, washers, etc., 338H Myrtle av., Brooklyn, N. Y.
Lyons, F. P., Iron Wks., 319 Elm, Manchester, N. H.
Lyons, G. E., Granite Co., West Dummerston, Vt.
Lyons, Geo. P., Excelsior Co., Woodford, Va.
Lyons Handle & Furniture Co., Lyons, Mich.
Lyons, Hugh, & Co., show cases, Lansing, Mich.
Lyons, J. C., Sons Co., contractors, 30 E. 42d, New York.
Lyons, Jas. J., contrs., Morristown, N. J.
Lyons, Jas. T., contractor, Swampscott, Mass.
Lyons, John H., pckg. box mfrs., 548 Canal, Syracuse, N. Y.
Lyons, John P., brooms, 2016 26th av, S., Minneapolis, Minn.
Lyons Lumber Co., Hume, Ill.
Lyons Lumber Co., Ltd., Lake Charles, La.
Lyons, Michael F., & Co., contractors, 10 Pond, Lynn, Mass.
Lyons Milling Co., flour, Lyons, Kans.
Lyon's Mills, lumber mfrs., Solsville, N. Y.
Lyons-Morgan Co., carriages, Fresno, Cal.
Lyons, Robt. T., architect, 52 Vanderbilt av, New York.
Lyons, S. C., & Bros., ochres, Bennington, Vt.
Lyons Stoneware & Pottery Co., Lyons, N. Y.
Lyons Storage Battery Co. Inc., Stephen Girard bldg, Phila., Pa.
Lyons, T. H., architect, East Setauket, N. Y.
Lyons, Thos., & Co., broom corn, Arcola, Ill.
Lype Bros., cornices, Oneida, N. Y.
Lyraphone Co. of America, talking machines, 12 W. 37th, New York.
Lysle, J. C., Milling Co., flour, Leavenworth, Kans.
Lysle, Wilson (Est. of), paper & pulp mills, Landenberg, Pa.
Lyster Sheet Metal Co., cornices, 1220 Filbert, Philadelphia, Pa.
Lyth, A., & Sons Co., masons' & bldrs.' matls., 48 W. Eagle, Buffalo, N. Y.
Lyth Tile Co., 202 Pearl, Buffalo, N. Y.
Lytle Construction Co., Sioux City, Ia.
Lytle Logging & Mercantile Co., lumber, Hoquiam, Wash.
Lytle Lumber Co., Deshler, Ohio.
Lytton Mfg. Corp., air regulators, valves, etc., Franklin, Va.
Lytton Rowe Mfg. Co., steam traps, Norfolk, Va.
L. & Z. Suit Case Co., traveling bags, 644 5th av, Pittsburgh, Pa.
McAbee, G. R., Powder & Oil Co., dynamite & powder mfrs., Oliver Bldg., Pittsburgh, Pa.
McAdam, R. B., contractor, Everett, Wash.
McAdamite Aluminum Co., 57 Isabella av, Detroit, Mich.
McAdams, Jno., & Sons, machsts. & fndrs., 978 Kent av, Brooklyn, N. Y.
McAden, Hugh F., contr., Jacksonville, Fla.
McAden Mills, denims, McAdenville, N. C.
McAdoo & Allen, lthr. belting butts, 329 N. 3d, Phila., Pa.
McAlear Mfg. Co., heating systems, 1901 S. Western av, Chicago, Ill.
McAleenan Boiler Co., riveted steel pipe, Peoria, Ill.
McAleenan Bros. Co., tanks (all kinds), 25th & A. V. R. R., Pittsburgh, Pa.
McAleer, E. J., & Co., tinware mfrs., 1422 N. 8th Phila., Pa.
McAleer Lime Co., Walkersville, Md.
McAlister, Glenn C., architect, Billings, Mont.
McAllaster & Bennett, naval archts., Central Bldg., Seattle, Wash.
McAllaster, J. E., & Sons, flour mills, Gouverneur, N. Y.
McAllister & Bell, flour mills, Covington, Va.
McAllister Dry Dock & Shipyard Co., machsts. & fndrs., marine rys. & ship bldrs., 24 State, New York.
McAllister & Kline, cornices & skylights, Lancaster, Pa.
McAllister Lbr. & Supply Co., mill & factory supplies, Boulder, Colo.
McAllister, R. H., Co., mill & factory supplies, Grand Island, Neb.
McAllister, T. H.-Keller Co., stereopticons, 176 Fulton, New York.
McAllister, W. B., Co., contractors, 2165 E. 31st, Cleveland, O.
McAlpine, A., machsts. & fndrs., Lincoln, Neb.
McAlpine, Geo. M., contr., Sarasota, Fla.
McAlpine, W. J., contractor, Dixon, Ill.
McAnelly Hardware Co., Huntsville, Ala.
McAnespie, J., & Co., woolens, Lancaster, Ohio.
McArdle & Co., 2nd hand barrels, 38th pl & Gage, U. S. Yards, Chicago, Ill.
McArdle & Cooney, steam fitters' supplies, 519 Arch, Phila., Pa.
McArdle, James W., contractor, 166 Devonshire, Boston, Mass.
McArdle, P. H., machy dlrs., 822 Poydras, New Orleans, La.
McArdle, Wm. H., & Son, archl. iron, 511 Bainbridge, Phila., Pa.
McArthur, Albert C., architect, 39 W. Adams, Chicago, Ill.
McArthur Brick Co., McArthur, Ohio.
McArthur Cut Stone Co., 4650 Iowa, Chicago, Ill.
McArthur, Geo., & Son, towels, Baraboo, Wis.
McArthur, J. G., architect, Keeline bldg, Omaha, Neb.
McArthur Portable Fire Escape Co., Cleveland, Ohio.
McArthur, W. T., turpentine, McGregor, Ga.
McAtee, Jno. C., contractor, Clearfield, Pa.
McAuley Automatic Trap Co., steam, Imperial Power bldg., Pittsburgh, Pa.
McAuley, J. B., contractor, Galesburg, Ill.
McAuliffe & Co., carriages, 108 W. 53d, New York.
McAuliffe & Mehegan, contrs., 720 Main, Hartford, Conn.
McAuliffe Non-Siphoning Trap Co., see Boston Brass Co., (successors).
McAuliffe, T. G., plumbers' supplies—jobbers, Augusta, Ga.
McAvoy Vitrified Brick Co., Phila., Pa.
McBee Binder Co., Athens, Ohio.
McBrady, Jno. E., & Son, cornices, Portland, Me.
McBratney, Robert, & Co., airplane linen, 121 Franklin, New York.
McBrayer Canning Co., McBrayer, Ky.
McBride, C. L., Mfg. Co., canvas gloves & glove stretchers, Toledo, Ohio.
McBride, Jas., Flooring Corp., 2417 Valentine av, New York.
McBride, Michl. J., cornices, South Bethlehem, Pa.
McBride, R. L., architect, Independence, Mo.
McBride, T., & Son, masons' & bldrs.' matls., Elgin, Ill.
McBride, Thomas, lamp chimneys, Industrial, W. Va.
McCabe, Benj., Bro., cocoa mats & matting, 37 E. 18th, New York.
McCabe, Bernard, Carriage Co., Pawtucket, R. I.
McCabe Boiler Wks., steam boilers, tanks, 195 Commerce, Newark, N. J.
McCabe Bros., contractors, Bayonne, N. J.
McCabe, Chas. A., conduit couplings, Wilkes-Barre, Pa.
McCabe Constr. Co., 1758 Central av, Cincinnati, Ohio.
McCabe, E., & Co., boiler makers, Lawrence, Mass.
McCabe, E. R., & Co., flour mills, Jackson, Tenn.
McCabe, Edw., stone producers, New Baltimore, N. Y.
McCabe Fertz. Co., Charleston, S. C.
McCabe, Geo. M., architect, 96 6th av, New York.
McCabe, Geo., & Son, tubular boilers, Richmond, Va.
McCabe-Hanger Mfg. Co., door hanger mfrs., 426-428 W. 25th, New York. *See adv. index at end of book.*
McCabe, J., & Co., photographic mounts, 215 Pearl, New York.
McCabe, J. J., Lathe & Machy Corp., machy dlrs., 149 B'way, New York.
McCabe, Jas. F., Co., contractors, Equitable Bldg., Balto., Md.
McCabe Mfg. Co., flanging mach. mfrs., Water, Lawrence, Mass.
McCabe, Peter, masons' & bldrs.' matls., Albany, N. Y.
McCabe-Powers Carriage Co., 1217 N. B'way, St. Louis, Mo.
McCabe, W. F., Contr. Co., White Plains, N. Y.
McCabe, Walter, lumber, Knoxville, Tenn.
McCadden Machine Works, engine pistons, 316 6th av, N., St. Cloud, Minn.
McCafferty, J. H., Co., machsts. & fndrs., 434 Harrison av, Boston, Mass.
McCafferty, Jas. A., & Sons Mfg. Co., paint mfrs., 505 Driggs av, Brooklyn, N. Y.
McCaffrey File Co., 5th & Berks, Philadelphia, Pa.
McCaghey, P. B., Co., contrs., Little Falls, N. Y.
McCahan, W. J., Sugar Refining Co., Chestnut & Front, Philadelphia, Pa.
McCahill Soda Fountain Co., 407 W. 59th, New York.
McCairns Fdry. Co., Connellsville, Pa.
McCall, C. W., architect, Central Bk. Bldg., Oakland, Cal.
McCall Constr. Co., 327 S. La Salle, Chicago, Ill.
McCall Incinerator Co., Memphis, Tenn.
McCall Machine Works, dies, etc., Rochester, N. Y.
McCall, Thos., architect, 843 Ridge av, Evanston, Ill.
McCalla, Harold Co., tin plate metals, etc., Pier 56, No. Wharves, Delaware River, Phila., Pa.
McCallip Mfg. Co., wire crimping & cutting machines, 62 W. Naghten, Columbus, O.
McCallister, Wm. H., masons' & bldrs.' matls., Hurricane, W. Va.
McCallum, John, contractor, 323 E. 22d, New York.
McCallum, Wm., cornices, Battle Creek, Mich.
McCalman Const. Co., contrs., Decatur, Ill.
McCalmont & Co., masons' & bldrs.' matls., Bellefonte, Pa.
McCambridge Co., brass pipe fittings, 315 N. 20th, Phila., Pa.
McCammon, L. H., Bros., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.
McCandless, Chas. W., contr., 1208 Palo Alto, Pittsburgh, Pa.
McCandless, H. W., & Co., decorative elec. lighting, 406 W. 31st, New York.
McCann Bldg. Co., 68 State, Albany, N. Y.
McCann Co., contractors, Evanston, Ill.
McCann, E. G., architect, Maryville, Ohio.
McCann, H. K. Co., advertising counsellors, 625 National City Bldg., Cleveland, Ohio.
McCann, J. J., masons' & bldrs.' matls., Poughkeepsie, N. Y.
McCann's, D. E., Sons, carriages, Portland, Me.
McCants, J. J., flour, Butler, Ga.
McCardell & Co., carriages & trolley wagons, Trenton, N. J.
McCardell, R. W., cornices & skylights, Little Rock, Ark.
McCargar, L. B., Mfg. Co., agrl. implts., North Kansas City, Mo.
McCarroll Bros., cornices & skylights, stoves, etc., Ottumwa, Ia.
McCarroll Lumber Co., Ltd., Holden, La.
McCarroll, W. W., machsts., Geneva, N. Y.
McCarten, A. J., contractor, Mount Vernon, N. Y.
McCarthy Bros., contractors, 10 S. La Salle, Chicago, Ill.
McCarthy Bros., masons' & bldrs.' supplies, Auburn, N. Y.
McCarthy Bros. & Ford, dynamo & motor mfrs., Buffalo, N. Y.

McCarthy, Joseph L. D., architect, 722 Chestnut, St. Louis, Mo. Bldg., Los Angeles, Cal.
McCarthy, D. F., cornices, Waterbury, Conn.
McCarthy Drill & Tool Corp. See Fastfeed Drill & Tool Corp. (successor).
McCarthy, Felix, expansion joints, Pottstown, Pa.
McCarthy, Geo. T., contr., 929 Ironistan av, Bridgeport, Conn.
McCarthy Improvement Co., contractors, Davenport, Ia.
McCarthy, Jas., stone producers, wkrs. & dlrs., 439 W. 47th, New York.
McCarthy, Jas F., contractor, 80 N. Chambers, New York.
McCarthy, John A., & Bro., masons' & bldrs.' matls., 551 Exterior, New York.
McCarthy, John J., architect, New Britain, Conn.
McCarthy, Jos. W., architect, 139 N Clark, Chicago, Ill.
McCarthy, Joseph L. D., architect, 722 Chestnut, St. Louis, Mo
McCarthy Lumber & Constr. Co., Farmington, Mo.
McCarthy, M. C., contractor, Bloomington, Ill.
McCarthy & Malinski, mill & facty. supplies, Cairo, Ill.
McCarthy, Michael J., contr., 2910 Woodburn av, Cincinnati, O.
McCarthy, Patrick, mason contr., Bridgeport, Conn.
McCarthy, R. Jr., architect, Hennen bldg, New Orleans, La.
McCarthy, Richard, Jr., contr., 518 Carondelet, New Orleans, La.
McCarthy & Sons Co., contractors, Princeton, N. J.
McCarthy, T. C., contractor, Madison, Wis.
McCarthy, T. F., felt & axle washers, 255 A, S. Boston, Mass.
McCarthy, W. B., scrap iron, Rose Bldg., Cleveland, Ohio.
McCarthy, W. T., architect, 16 Court, Brooklyn, N. Y.
McCarthy, Wm. J., Co., bldg. contrs.—stone, Somerville, Mass.
McCarty, Chas. J., & Co., mill & factory supplies, 48 Pearl, Boston, Mass.
McCarty, Chas. O., mill & facty. supplies, 300 W. Water, Syracuse, N. Y.
McCarty, J. C., & Co., nitre boxes & whol. hdwe., 29 Murray, New York.
McCarty, Merrell S., contr., 7107 Manchester, St. Louis, Mo.
McCarty & Moore, machsts. & fndrs., Leadville, Colo.
McCaskey Register Co., Alliance, Ohio.
McCaskill, J. J., Co., lbr. & turpentine, Freeport, Fla.
McCaslin, Jas. R., contractor, Youngstown, Ohio.
McCathron Boiler Wks. Co., Bridgeport, Conn.
McCaughey Mill Co., lumber, Fortson, Wash.
McCaul, Chas., Co., contractors, 1715 Sansom, Philadelphia, Pa.
McCauley Belting Co., leather belting, 412 Orleans, Chicago, Ill.
McCauley, Chas., scrap iron & steel, Montpelier, Ind.
McCauley, Geo. A., masons' & bldrs.' matls., Anoka, Minn.
McCauley, J. L., architect, New York Block bldg, Seattle, Wash.
McCauley, J., & W., packing box mfrs., 636 Filbert, Phila., Pa.
McCauley, W. H., & Son, contrs., 1018 Mrymns av, Balto., Md.
McCauliff, F. A., granite, Fitchburgh, Mass.
McCaulley, Harry, contractor, 42 Helen, New Haven, Conn.
McCauly Storage Battery Co., 1060 St. Clair, Cleveland, Ohio.
McCausland Bros., brick, Akron, Ohio.
McCausland, J. N., & Co., cornices & skylights, Charlotte, N. C.
McCausland, John, paper sleeves, East Providence, R. I.
McCausland, W. H., Son, contrs., 116 Larned W., Detroit, Mich.
McCavick Constr. Co., Dallas, Tex.
McCay, H. B., cornices & skylights, Bozeman, Mont.
McCherry Co., wooden handles, 81 Walker, New York.
McChesney, J. S. & Co., hose couplings & clamps, 105 N. Clark, Chicago, Ill.
McChesney & Tracy Lbr., Co., 120 Plum, Syracuse, N. Y.
McClanahan & Shea, cornices & skylights, Maysville, Ky.
McClanahan & Terry, architects, Columbus, Miss.
McClary-Jemison Machine Co., Birmingham, Ala.
McClatchy, John H., contr., H, Land Title Bldg., Phila., Pa.
McClave, Brooks Co., mechanical stokers, grate bars & castings, Poplar, Scranton, Pa.
McClave Grate Bar Co., grate bar mfrs., 30 Warren, New York.
McClave Mining Co., bituminous coal mine, Washington, Pa.
McClay, A. W., contractor, Richmond, Va.
McClay, John H., contr., Hammond, Ind.
McClean, C. & W. Merc. Co., fish nets & seines, 1019 Washington av, St. Louis, Mo.
McClean, Geo. H., Co., steam htg. contrs., Springfield, Mass.
McCleary, Henry, Timber Co., McCleary, Wash.
McCleland, Thos., Hardware Co., Jackson, Miss.
McClellan, A. H., machinist, Montague, Cal.
McClellan, Chas. P., auto. tops, Fall River, Mass.
McClellan Edward G., architect, 7439 Cottage Grove av, Chicago, Ill.
McClellan & Gotwalt, Ltd., masons' & bldrs.' matls., York, Pa.
McClellan, James A., turpentine, Monticello, Fla.
McClellan, Jos. B., contractors, 131 State, Boston, Mass.
McClellan Paper Co., 700 S. 4th, Minneapolis, Minn.
McClellan Refrigerating Mach. Co., 570 W. Adams, Chicago, Ill.
McClellan, Wm., Co., files, 3444 Hamilton rd, Cleveland, Ohio.
McClelland, N. E., & Co., Ltd., naval architects, 2 Stone, New York
McClelland, R. H., cornices, 4220 E. 56th, Kansas City, Mo.
McClelland, T. W., Co., lumber mfrs., Davenport, Ia.
McClelland Tile Co., brick, Laurelville, Ohio.
McClellanville Canning Co., McClellanville, S. C.
McCleman, H. A., & Bro., contractors, 13th & Shunk, Phila., Pa.
McClenahan, H. J., & Co., machsts., 617 Water, Baltimore, Md.
McClenahan, T. W., & Co., contrs., Rialto Bldg., San Fran., Cal.
McClernan & Co., cabinets, 122 S. Michigan av, Chicago, Ill.
McCleverty, Jas., duster mfrs., 148 Wildey, Philadelphia, Pa.
McClintic-Marshall Co., machsts. & fndrs., Lexington & P. R. R., Pittsburgh, Pa.
McClintic-Marshall Construction Co., bridges, Oliver bldg, Pittsburgh, Pa.
McClintock, A., steam htg. contrs., 1937 Ridge av, Phila., Pa.
McClintock & Craig, architects, 33 Lyman, Springfield, Mass.
McClintock, John T., architect, 15 Exchange, Boston, Mass.
McClintock, O. B., Co., switches, Minneapolis, Minn.
McClintock & Weaver, contrs., 24 N. Phila., Ellena, Germantown, Philadelphia, Pa.
McClinton & Co., carriages, 309 Sandusky, Pittsburgh, Pa.
McClinton Mfg. Co., drilled well buckets, Ft. Smith, Ark.
McClory, Howard, architect, 4th Natl. Bk. bldg, Cincinnati, O.
McCloskey & Bahls, contractors, 1820 Thompson, Phila., Pa.
McCloskey Varnish Co., S. 30th, c Locust, Philadelphia, Pa.
McCloud River Lbr. Co., McCloud, Cal.
McCloud, Wm. J., & Co., contractors, Elizabeth, N. J.
McClung, C. M., & Co., plumbers', mill & facty. supplies & wholesale hardware, Knoxville, Tenn.
McClunie, J. A., naval archt., 177 Asylum, Hartford, Conn.
McClure Co., silos, Saginaw, Mich.
McClure Contracting Co., 61 E. 6th, St. Paul, Minn.
McClure, G. W., Son & Co., open hearth furnace, Bessemer Bldg., Pittsburgh, Pa.
McClure, Geo. W., & Son, archts., 34 Gates Circle, Buffalo, N. Y.
McClure, J. W., machst. & fndr., Assumption, Ill.
McClure, Jas., bldg. contr., McClure Bldg., St. Paul, Minn
McClure, John C., patterns & models, 21 Hackett, Newark, N. J.
McClure, Johnston & Co., tin plate & metals, 1143 Liberty av, Pittsburgh, Pa.
McClure Lumber Co., Wagar, Ala.
McClure Mfg. Co., kitchen cabinets, Marion, Ind.
McClure, R. P., Constr. Co., 2601 N. Union, St. Louis, Mo.
McClure-Taylor Co., fertilizer, Duluth, Ga.
McCluskey, H. & T., & Sons, wire & wire screening, New Haven, Conn.
McClymont, Jas. W., architect, 15 W. 38th, New York.
McCoig, Harry L., & Co., contractors, 348 McKnight, Minneapolis, Minn.
McColgan, J. W., cooperage stock mfrs., Dexter, Mo.
McColl & Abare, granite, Barre, Vt.
McCollam, H. C., contr., Redding Ridge, Conn.
McCollan, Wm., stone, Wayne, Pa.
McCollum, Earl E., contr., Downers Grove, Ill.
McCollum, J. M., architect, Berger Bldg., Pittsburgh, Pa.
McComas Bros., fertilizer mfrs. & masons' & bldrs.' matls., Bel Air, Md.
McComas, G. W., & Co., canned goods, Monrovia, Md.
McComas, Geo. W., & Sons, canned goods, Singer, Md.
McComb Bros., harness, Wichita, Kans.
McComb Supply Co., whol. hdwe., Jellico, Tenn.
McComb, Thos., mill & facty. supplies, 209 Shipley, Wilmington, Del.
McComeskey, T., harness twine, fish lines, etc., 3731 Frankford, Philadelphia, Pa.
McConegly, Frank P., contractor, 6023 St. Maria, Pittsburgh, Pa.
McConley, Chas. H., architect, 418 St. James pl, Chicago, Ill.
McConnell & Bro., cornices, Ashland, Pa.
McConnell-Browning Eng. Co., machsts., 1015 E. Cary, Richmond, Va.
McConnell Hardware Co., steam fitters' supplies, Hurley, Wis.
McConnell Slate Co., plumbers' slate, 2445 Pacific, Brooklyn, N. Y.
McConnell, Wm. H., elec. contr., Monterey, Cal.
McConnell, S. R., & I. C., Co., horse collars, Burlington, Ia.
McConnell & Watterson Co., masons' & bldrs.' matls., Kittanning, Pa.
McConnochie, Wm. & Sons, contrs, Rock Island, Ill.
McConway & Torley Co., car couplers, steel bars & ingots, Dept, H, 48th & A. V. R.R., Pittsburgh, Pa.
McCook Brick Co., McCook, Neb.
McCord & Co., journal boxes, dust guards, 122 S. Michigan av, Chicago, Ill.
McCord, Horace M., & Co., carboy rockers, Lumber Exchange, Minneapolis, Minn.
McCord & Ives, architects, Powers Bldg., Rochester, N. Y.
McCord Mfg. Co., carburetors, metallic gaskets, sash locks, etc., 2587 E. Gd. blvd, Detroit, Mich.
McCorkell & Hurd, machsts. & fndrs., Flint, Mich.
McCormack, Chas. B., & Son, contrs., Columbia Bldg., St. Louis, Mo.
McCormack-Combs Constr. Co., Columbia Bldg., St. Louis, Mo.
McCormack, P. H., Co., stone producers, Columbus, Ind.
McCormick, A. D., contractor, Holyoke, Mass.
McCormick Bros., harvesters—blue grass, Winchester, Ky.
McCormick Bros. Iron Works, Main & Folsom, San Fran., Cal.
McCormick Co., advertising novelties, Coshocton, Ohio.
McCormick Co., Inc., architect, 41 Park row, New York
McCormick, D. G., Co., turpentine, Edge, Fla.
McCormick, D., & Son, stone, Holyoke, Mass.
McCormick, E. H., & Sons, patent leather, Av C, Newark, N. J.
McCormick, E. J., Rubber Co., dental rubber, Lodi, N. J.
McCormick, Eugene, architect, Brookhaven, Miss.
McCormick & French, archts., 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
McCormick, Geo. H., Son & Co., brick, Gallipolis, Ohio.
McCormick, Harry E., archt., 270 Main, New Rochelle, N. Y.
McCormick, J. S., Co., pattern letters & figures, 25th & A. V. R. R., Pittsburgh, Pa.
McCormick, John C., contractor, Ottawa, Ill.
McCormick, Jos., contractor, East Providence, R. I.
McCormick, Jos. M., & Bro., contractors, Erie, Pa.
McCormick Laboratories Co., Dayton, Ohio.
McCormick Lumber Co., McCormick, Wash.
McCormick, M. L., & Bro., carriages, Penna av & Retreat, Baltimore, Md.
McCormick Mfg. Co., machsts., Dayton, Ohio.
McCormick, P. J., architect, 84 Peachtree, Atlanta, Ga.
McCormick Plumbing Supply Co., 179 Baker, Detroit, Mich.
McCormick, S. O., masons' & bldrs.' matls., New Salem, Pa.
McCormick-Saeltzner Co., mill & facty. supplies—wholsale hdwe., Redding, Cal.
McCormick, Thos. E., contractor, 810 Lincoln rd, Brooklyn, N. Y.
McCormick, W. H., & Son, mill & facty. supplies, Perth Amboy, N. J.
McCormick, Wm. D., architect, Century Bldg., Pittsburgh, Pa.
McCormick Wks., machsts. & brass fndrs., Blue & Western avs, Chicago, Ill.
McCormick & Co., glue mfrs., McCormick bldg, Baltimore, Md.
McCorquodale, W. M., contr., Lake Charles, La.
McCosh & Co., masons' & bldrs.' matls., Davenport, Ia.
McCourt Label Cabinet Co., Bradford, Pa.
McCoy-Brandt Mach'y Co., 210-214 Penn av, Pittsburgh, Pa.
McCoy Brick & Tile Co., Augusta, Ga.
McCoy Canning Co., Urbana, Ohio.
McCoy, Henry J., mill & facty. supplies, 65 Dey, New York.
McCoy, J. B., & Son, elec. & gas light fixture mfrs., machsts. & fndrs., 114 W. 30th, New York.
McCoy, John F., architect, Dale Bldg., Danville, Ill.
McCoy, Jos. F., Co., shears, miners' safety lamps, hygrometers & wholesale hardware, 157 Chambers, New York.
McCoy-Linn Iron Co., Milesburg, Pa.
McCoy Lumber Co., 847 Sec. Bk. Bldg., Minneapolis, Minn.
McCoy, P. J., & Co., Inc., talking machines, 70 Ferry, Newark, N. J.
McCoy-Nelson Sanitary Stoneware Co., Roseville, Ohio.
McCoy, S. Howard, contr., Wilmington, Del.
McCoy Silo Form Co., concrete forms, Bakewell Bldg., Pittsburgh, Pa.

McCoy, Thos., & Sons, fndrs., San Diego, Cal.
McCracken, J., Co., masons' & bldrs.' matls., Blake-McFall Bldg., Portland, Ore.
McCracken, J. E., Supply Co., masons' & bldrs.' matls., 629 E. Front, Cincinnati, Ohio.
McCracken, J. S., & Co., furn., 212H, Church, Phila, Pa.
McCracken, M. J., flour mills, Waynesville, N. C.
McCrady, A. C., cornices, Watertown, N. Y.
McCrady Bros. Co., masons' & bldrs.' matls.—contrs., Braddock, Pa.
McCrary, H. S., Jr., architect, Artillery Bldg., Savannah, Ga.
McCrary, J. B., Co., contractors, Atlanta, Ga.
McCray, J. Henry, architect, Rockville, Conn.
McCray, R. H., Co., contrs., Am. Bank Bldg., Los Angeles, Cal.
McCray Refrigerator Co., 6055 Lake, Kendallville, Ind.
McCray, Wm. H., contractor, Evans bldg, Washington, D.C.
McCrea, A. Wallace, architect, 23 E. 15th, New York
McCrea, G. E., archit., 1st Nat. Bank Bldg., Oakland, Cal.
McCrea, Jas., & Co., clamps, reseaters, etc., 562 W. Washington, Chicago, Ill.
McCready, J. B., machst., Parksley, Va.
McCready, John, lumber, Twining, Mich.
McCready, R. W., Cork Co., 344 W. Illinois, Chicago, Ill.
McCready & Webster, canned goods, Chance, Md.
McCreary, Edw., machsts., Cohoes, N. Y.
McCreary Lumber Co., Franklinton, La.
McCreary Mfg. Co., mailing tubes, Erie, Pa.
McCreary & Willard, contractors, Spokane, Wash.
McCred, Jas. & Co., see Skinner, M. B. Co. (successors).
McCredie, Jas., masons' & bldrs.' matls., Aurora, Ill.
McGreevy & Ortman Co., masons' & bldrs.' matls., Dayton, O.
McCrillis Handle Co., Norwalk, Ohio.
McCrimmon, W. C., lbr., Mt. Vernon, Ga.
McCrosky Reamer Co., elec. fixtures, Meadville, Pa.
McCubbin, Wm. M., brick, Braymer, Mo.
McCue, John J., cut glassware, 683 Lorimer, Brooklyn, N. Y.
McCue, Thos. J. ,contrs., Watertown, Mass.
McCulloch, A. P., Machine Co., machinists, 216 High, Boston, Mass.
McCulloch, M., canned goods, Buchanan, Va.
McCulloch & Moss Lbr. Co., 310 Lbr. Ex., Minneapolis, Minn
McCulloh, R. N., & Co., contractors, 118 E. Lexington, Balto., Md.
McCullom, Geo., pipe hangers, Muskegon, Mich.
McCullough & Cheney, contrs., Temple ct, Minneapolis, Minn.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
McCullough, H., masons' & bldrs.' matls., Swedesboro, N. J.
McCullough, Herbert M., architect, Ferguson Bldg., Ptg., Pa.
McCullough Iron Co., iron sheets & roofing, Equitable Bldg., Wilmington, Del.
McCullough, Jas. A., architect, 1631 M, Sacramento, Cal.
McCullough, Jas., Jr., masons' & bldrs.' matls., Kittanning, Pa.
McCullough, John, scrap iron & steel, New Bedford, Mass.
McCullough Lumber & Coal Co., Monmouth, Ill.
McCullough Lbr Co., 112 Market, San Francisco, Cal.
McCullough Mfg. Co., lubricators, oil pumps, 2636 Central av, Minneapolis, Minn. *See adv index at end of book.*
McCullough, Richard H., sash, door & blind, Plainfield, N. J.
McCullough, W. J., Co., machsts. & fndrs., Ypsilanti, Mich.
McCully & Miles Co., glass mosaic wk., 202 N. Wabash av, Chicago, Ill.
McCully, R. P. & C. H., Inc., sheet metal stamping, screw mach. products, etc., 331 Van Buren, Brooklyn, N. Y.
McCumber, C. W., & Son, contrs., 140 S. Dearborn, Chicago, Ill.
McCumber, Wm., & Son, contrs., 140 S. Dearborn, Chicago, Ill.
McCun, Thos., & Son, contractors, Brookline, Mass.
McCurdy, Bernard, steel flag poles, 9th & Arch, Phila., Pa.
McCurdy-Miller Co., elec. & gas light fixtures, Van Nuys Bldg., Los Angeles, Cal.
McCutcheon Bros. & Quality, printing inks, 1130 Callowhill, Philadelphia, Pa.
McCutcheon, C. H., mill & facty. supplies, 27 Washington, Buffalo, N. Y.
McDade, Chas. A., & Co., fndrs., Wilkes-Barre, Pa.
McDade Pottery, McDade, Tex.
McDaniel, A. H., masons' & bldrs.' matls., Augusta, Ga.
McDaniel, C. E., domestic water works, boilers, Ottumwa, Ia.
McDaniel, J. L., lbr. Fernbank, Ala.
McDaniel Milling Co., flour, Carthage, Mo.
McDaniel, R. B., Co., contractors, New Brighton, Pa.
McDaniel & Son, steel tanks, windmills, Litchfield, Ill.
McDaniels, Wm., lumber, Conconully, Wash.
McDavid, Vener Co., lbr., Brewton, Ala.
McDermaid, J., churns, dog power treads, Rockford, Ill.
McDermott Bros., contractors, 18 Cedar, Worcester, Mass.
McDermott Bros., tanks & dryers mfrs., Allentown, Pa.
McDermott, Chas., Co., contractors, Penna. Bldg., Philadelphia, Pa.
McDermott, Edward, Co., archts., 582 Spring, W. Hoboken, N. J.
McDermott Engineering Co., tubular boilers, Jordan & Whitehall, Allentown, Pa.
McDermott & Hanigan, contrs., 120 W. 165th, New York.
McDermott, Jno., Co., contractors, Schenectady, N. Y.
McDermott, P. J., machsts., Martin's Ferry, Ohio.
McDermott Stone Co., McDermott, Ohio.
McDermott Surgical Instrument Co., 734 Poydras, New Orleans, La.
McDermott, Wm., contractor, Stapleton, N. Y.
McDonald, A. H., gas engines, 547 W. Monroe, Chicago, Ill.
McDonald, A. Y., Mfg. Co., mill & facty., plumbers' & steam fitters' supplies, 12th & Pine, Dubuque, Iowa.
McDonald, Alex., stone producers, Trenton, N. J.
McDonald, Alex., trunks, 15 Beacon, Boston, Mass.
McDonald, Andrew W., contractor, Steubenville, Ohio.
McDonald Bros., lumber mfrs., Helena, Ark.
McDonald, C. C., archt., 1st Nat. Bk. Bldg., Houston, Tex.
McDonald, Chas. W., contractor, 3923 B'way, New York.
McDonald, D., & Co., gas meters, Albany, N. Y.
McDonald, E. L., & Son, contractors, Lebanon, Ind.
McDonald Educational Inst., engng. schools & coll., 7th & Walnut, Cincinnati, Ohio.
McDonald Elec. Co., watch demagnetizers, Chenoa, Ill.
McDonald Fdry., iron castings, Columbus, Ohio.
McDonald & Hartman, masons' & bldrs.' matls., Rochester, Pa.
McDonald, J., & Co., contractors, 37 S. Clinton, Chicago, Ill.
McDonald, J. A., Co., masons' & bldrs.' matls., Miami, Fla.
McDonald, J. C., & Son, brick, Hammond Bldg., Detroit, Mich.
McDonald, J. S., Co., loose leaf devices, 638 Federal, Chicago, Ill.
McDonald, J. W., Sons, flour mills, Rogersville, Tenn.
McDonald, Jas., contractor, Delaware, Ohio.
McDonald, Jas. A., architect, 1630 Surf av, Brooklyn, N. Y.
McDonald, Jas., & Sons Co., plumbers' supplies—jobbers, lead pipe, 9th & Sycamore, Cincinnati, Ohio.
McDonald, John & Allen, architects, Omaha Bk. bldg, Omaha, Neb.
McDonald, John F., Lumber Corp., Lumber Exch., Minneapolis, Minn.
McDonald, John S., machst., New Orleans, La.
McDonald, Jno. W., & Son, lbr. mfrs., 106 Wall, New York.
McDonald, Kenneth, Sr., architect, Call Bldg., San Fran., Cal.
McDonald & Kivell, contractors, 10 High, Boston, Mass.
McDonald, Luther W., architect, 849 73rd, Chicago, Ill.
McDonald Mach. Co., can making machy., 7600 So. Racine av, Chicago, Ill.
McDonald Mfg. Co., lbr., Portland, Me.
McDonald Paint & Glass Co., 140[illegible] Grand av, Kansas City, Mo.
McDonald-Robinson, Inc., whol. hdwe., 33 Main, Gouverneur, N. Y.
McDonald & Weaver, fertilizer, Cuthbert, Ga.
McDonald, Wm., Sons, agricultural implements, Lapeer, Mich.
McDonnell, J., Harold, architect, Glens Falls, N. Y.
McDonnell Boiler & Iron Wks., tanks & boilers, 121 E. Court av, Des Moines, Ia.
McDonnell & Brannen, machsts. & fndrs., Bolivar, N. Y.
McDonnell Brick Co., Middletown, Conn.
McDonnell, D. P. J., stone producer, Clinton, Ia.
McDonnell Foundry & Machine Co., Jackson, Miss.
McDonnell, J. Philip, architect, Ford Bldg., Detroit, Mich.
McDonnell, J. W., Lbr. Co., Seattle, Wash.
McDonnell Odemeter Co., speed indicators, etc., 3501-3 S. Kedzie av, Chicago, Ill.
McDonnell, P., contractor, Duluth, Minn.
McDonnell & Sons, stone, 858 Main, Buffalo, N. Y.
McDonnell, T. F., & Co., contractors, Waterloo, Ia.
McDonough Automatic Regulator Co., machsts., 716 Grand River av, Detroit, Mich.
McDonough, E. J., & Co., meat packers, Peoria, Ill.
McDonough, H., contractor, 265 Bergen av, Jersey City, N. J.
McDonough Iron Wks., Galveston, Tex.
McDonough, J. J., machinist, Savannah, Ga.
McDonough, John, contractor, 394 Bleecker, New York.
McDonough Mfg. Co., machsts., woodworking machy. & fndrs., Eau Claire, Wis.
McDonough, Mich'l, Co., contractors, Swampscott, Mass.
McDougald, Outland & Co., turpentine, Clito, Ga.
McDougal, Victor, brick, North Robinson, Ohio.
McDougald, J. A., turpentine, Statesboro, Ga.
McDougall, Benj. G., architect, 381 Marke, San Francisco, Cal.
McDougall Bros., architects, Russ Bldg., San Francisco, Cal.
McDougall Co., kitchen cabinets, Frankfort, Ind.
McDougall-Duluth Co., steel shipbuilders, Duluth, Minn.
McDougall, G. M., Co., landscape archts., 45 Monument pl, Indianapolis, Minn.
McDougall, Geo. B., archit., 1416 11th, Sacramento, Cal.
McDougall & Potter Co., machsts. & fndrs., 606 W. 55th, New York.
McDougall Varnish Co., 24 Evans, Buffalo, N. Y.
McDougall, Walter A., architect, 7006 South Park av, Chicago, Ill.
McDowell, Alfred H., contr., Marshallton, Del.
McDowell, Chas., masons' & bldrs.' matls., Mansfield, Pa.
McDowell & Co., 2d hand pipe, Galveston & Western, Pittsburgh, Pa.
McDowell, E. O., fixture joints, 30 Church, New York.
McDowell & Henderson, architects, Burlington, Vt.
McDowell, John Kenyon, lbr. mfr., 211 Wilkinson, Syracuse, N. Y.
McDowell Mfg. Co., stamping inks, dies, water heaters, etc., Stanton av, Pittsburgh, Pa.
McDowell Oven Co., 282 State, Boston, Mass.
McDowell Paper Mills, Main & Levering, Philadelphia, Pa.
McDowell, R. G., & Co., architects, Good blk, Des Moines, Ia.
McDowell, W. B., architect, Lexington, Va.
McDowell, W. I., oil & gas well supplies, Knox, Pa.
McDuff, Wm. J., gas, gasoline & oil engines, Lakeport, N. H.
McDuffie-Emerson, machsts. & fndrs., Marion, S. C.
McDuffie Oil & Fertilizer Co., Thomson, Ga.
McEachern, J. A., Co., dock & ship bldrs., Seattle, Wash.
McEachern-McNair Lbr. Co., Meredith, Fla.
McEachern, W. D., Lbr. Co., Hawkinsville, Ga.
McElfatrick, Wm. H., theatre archt., 701 7th av, New York.
McElliott, D. P., medical batteries, 175 N. State, Chicago, Ill.
McElnea, David, contractor, Orange, N. J.
McElnea, Henry, contractor, West Orange, N. J.
McElraevy & Hauck Co., plumbers', mill & facty. supplies—jobbers, 440 Broadway, Brooklyn, N. Y.
McElroy, Clifford T., Esq., architects, Palace bldg, Minneapolis, Minn.
McElroy & Holmden, contrs., Billings, Mont.
McElwaine Mfg. & Auto Co., machsts. & fndrs., Bradford, Pa.
McElwee Bros., contractors, 1629 South, Philadelphia, Pa.
McEnhill Bros., contractors, 637 Baker, Detroit, Mich.
McEntee, Geo. H., contractor, 1123 B'way, New York.
McEntire Brothers, mattresses, Topeka, Kans.
McErlain & Jackson Co., masons' & bldrs.' matls., South Bend, Ind.
McEvoy Bros., contrs., Harrison, N. J.
McEvoy, Chas. H., cords, elec. card tips, Lowell, Mass.
McEvoy, J. H., & Co., oil & gas well supplies, Houston, Tex.
McEwan Bros., paper & pulp mills, Whippany, N. J.
McEwen Bros., oil & gas well supplies, Wellsville, N. Y.
McEwen Bldg. & Mfg. Co., sash, door & blind mfrs., 828 Wells, Chicago, Ill.
McEwen, Joseph, Jr., contrs., Woodbridge, N. J.
McEwan Lbr. Co., Azalea, N. C.
McEwen Mfg. Co., gas engines, Tulsa, Okla.
McEwing & Thomas Clay Products Co., hollow brick, Fullerton Bldg., St. Louis, Mo.
McFadden, John, cornices & skylights, Santa Ana, Cal.
McFadden Plumbing & Heating Co., New Brunswick, N. J.
McFaddin Rice Milling Co., Beaumont, Tex.
McFaddin, H. G., & Co., lamps & lighting fixtures, 38 Warren, New York.
McFarlan Motor Co., auto. bldrs., Connersville, Ind.
McFarland Bros., tubular boilers, 5527 S. State, Chicago, Ill.
McFarland, C. T., & Herbert, architects, 162 Newbury, Boston, Mass.

McFarland, E. H., architect, Valley City, N. D.
McFarland Foundry & Machine Co., castings, patterns & models & rubber molds, Trenton, N. J.
McFarland, J. & C. Co., cornices, 3551H Parnell, Chicago, Ill.
McFarland, Jesse D., architect, 721 Olive, St. Louis, Mo.
McFarland Meade Co., metallic window frame, Woodland av & 46th, Philadelphia, Pa.
McFarlane & Co., machsts. & fndrs., Black Hawk, Colo.
McFarlane, Eggers Mach'y Co., mining & milling machy., Denver, Colo.
McFarlane Mfg. Co., wire rope tramways—machsts. & fndrs., & mill & facty. supps., Denver, Colo.
McFaul-Perkins Co., lumber mfgrs., Chronicle Bldg., San Francisco, Cal.
McFeely Brick Co., Latrobe, & 1st Nat. Bk. Bldg., Pittsburgh, Pa.
McFeely Bros., masons' & bldrs.' matls.—contrs., Steubenville, O.
McFeeters, Chas., contractor, 586 Orchard, New Haven, Conn.
McFell Signal Co., fire alarms, 2857 S. Halsted, Chicago, Ill.
McFerran, J. W., canned goods, Fincastle, Va.
McFerson & Foster Co., lbr. mfrs., Evansville, Ind.
McFetrick Lumber & Coal Co., masons' & bldrs.' matls., Valparaiso, Ind.
McFie, W. T., Supply Co., machinists' tools & supplies, 213 N Los Angeles, Los Angeles, Cal.
McGaffey Co., contrs., Albuquerque, N. Mexico.
McCaghey, P. B., & Co., contractors, Little Falls, N. Y.
McGahey & O'Connor, contractors, 166 Devonshire, Boston, & Cambridge, Mass.
McGANN, THOS. F., & SONS CO., architectural & sculptural bronze, 117 Portland, Boston, Mass.
See adv index at end of book
McGarigle Mach. Co., miniature locomotives, Niagara Falls, N. Y.
McGarry, John A., & Co., contrs., 189 W. Madison, Chicago, Ill.
McGarry, W. P., Co., contractors, 306 Freeman, Brooklyn, N. Y.
McGarvey, G. A., architect, New Richland, Minn.
McGarvey, John N., contr., 61st & Oxford, Philadelphia, Pa.
McGavick, J. P., architect, 1036 E. 46th, Chicago, Ill.
McGaughey Bros. Hdwe. Co., Pine Bluff, Ark.
McGavic Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.
McGavic, S. L., Lumber Co., Ottumwa, Ia.
McGavock Bros., masons' & bldrs.' matls., Beloit, Wis.
McGee, D. W., Constr. Co., 142 1st, Newark, N. J.
McGee, Hubert, architect, Scimitar Bldg., Memphis, Tenn.
McGee, Jos., Iron & Brass Fdry. Co., 51 6th, L. I. City, N. Y.
McGee Mfg. Co., woolen blankets, Greenville, S. C.
McGee, O. G., & Son, foundry, 2312 E. Main, Richmond, Va.
McGee, Percy, Jr., architect, Mills Bldg., El Paso, Tex.
McGee-Ross Hardware Co., Jackson, Tenn.
McGee, W. J., contractor, Jackson, Miss.
McGeoy, Frank R., architect, Greenwood, Miss.
McGhee Rubber Co., mill & factory supplies, Dallas, Tex.
McGhee's Geo., Sons, stone, Elizabeth, N. J.
McGibbon Engng. & Iron Wks., tubular boilers, 14 Columbia, Brooklyn, N. Y.
McGill, E. G., contractor, Cumberland, Md.
McGill, H., architect, 635 St. Marks av, Brooklyn, N. Y.
McGill, Irvin H., contractor, 347 5th av, Pittsburgh, Pa.
McGill Mfg. Co., elec'l. specialties, lamp guards, etc., 77 Oak, Valparaiso, Ind. *See adv index at end of book.*
McGill Metal Products Co., 1640 Walnut, Chicago, Ill.
McGill Ticket Punch Co., see McGill Metal Products Co. (successor).
McGillivray Construction Co., Sacramento, Cal.
McGillivray, J. J., architect, Black River Falls, Wis.
McGillivray Lbr. & Mfg. Co., sash, door & blind, Black River Falls, Wis.
McGilvray Stone Co., 634 Townsend, San Francisco, Cal.
McGinley Cut Stone Co., Altoona, Pa.
McGinley, Howard J., & Co., cornices, 1719 Ludlow, Phila., Pa.
McGinn, G. W., & Co., contrs., Phelan Bldg., San Fran., Cal.
McGinnes Bros., contractors, 202 Milvale, Pittsburgh, Pa.
McGinness Co., heating contrs., 320 Liberty, Pittsburgh, Pa.
McGinnis & Co., sash, door & blind, Nashville, Tenn.
McGinnis, N. C., & Co., contractors, Memphis, Tenn.
McGirr, Edw. B., architect, 6 Beacon, Boston, Mass.
McGlashan, Norman, architect, 1123 B'way, New York.
McGlone Bros., spokes, Morehead, Ky.
McGlone, E. Q., staves, Ulvah, Ky.
McGlone, W. T., staves, McGlone, W. Va.
McGloughlin Iron & Brass Fdry Co., Laconia, N. H.
McGoldrick Lumber Co., Spokane, Wash.
McGonegal, Frank E., machsts. & fndrs., Holly, Mich.
McGoodwin, Robt. R., architect, 34 S. 16th, Philadelphia, Pa.
McGoogan, J. J., machsts., St. Louis, Mo.
McGookin, D. H., bolt, nut & rivet mfrs., 1630 N. 9th, Phila., Pa.
McGovern, M. H., contractor, 332 S. Michigan av, Chicago, Ill.
McGovern, P. E., & Co., contrs., Punxsutawney, Pa.
McGovern & Smith, tubular boilers, 2046 E. Lehigh av, Philadelphia, Pa.
McGowan Bros. Hardware Co., Spokane, Wash.
McGowan, Jas., & Co., sash, door & blind mfrs., 14 Exchange pl, Providence, R. I.
McGowan, John H. Co., pumps, etc., Cincinnati, Ohio.
See adv index at end of book.
McGowan, P. J., & Sons, canned goods, McGowan, Wash.
McGowin-Foshee Lbr. Co., Falco, Ala.
McGowin-Lyons Hardware & Supply Co., Mobile, Ala.
McGowin, W. G., lbr., Jackson, Ala.
McGranor, Jas. G., contractor, 1900 Enoch, Pittsburgh, Pa.
McGrath Bros., granite, S. Quincy, Mass.
McGrath, Daniel W., contractor, New First Nat. Bk. Bldg., Columbus, Ohio.
McGrath, H. J., Co., canned goods, Atlantic Wharf, Baltimore, Md.
McGrath, J. H., Hardware Co., Hastings, Neb.
McGrath, J. T., & Son, machsts. & fndrs., Bloomington, Ill.
McGrath, Jas. E., lumber, Stillwater, Minn.
McGrath, John J., cotton waste, 1338 N. Front, Phila., Pa.
McGrath, Jno. L., stone producers, Phoenicia, N. Y.
McGrath, Michael, & Co., granite prod., B'way, L. I. City, N. Y.
McGrath, Paul J., architect, 845 Lakeside pl, Chicago, Ill.
McGrath, Robert H., machsts. & fndrs., Lafayette, Ind.
McGratty & Sons, marble interior wk., 313 Butler, B'klyn, N. Y.
McGratty & Wheeler, sash, door & blind, Haverhill, Mass.
McGraw Co., mill & facty. supplies, Sioux City, Ia.
McGraw & Crone, cornices, Jackson, Mich.
McGraw, Jas., Inc., mill & factory supplies—whol. hdwe., 1442 E. Main, Richmond, Va.
McGraw, Jas., Co., contrs., Commercial Trust Bldg., Phila., Pa.
McGraw, John H., & Sons, contractors, Bellaire, Ohio.
McGraw Plaster Co., masons' & bldrs.' matls., Free Press Bldg., Detroit, Mich.
McGraw, R., ball cocks, Syracuse, N. Y.
McGraw & Stevenson, archts., Kokomo, Ind.
McGraw Tire & Rubber Co., East Palestine, Ohio.
McGraw-Yarbrough Co., plumbers' supplies—jobbers, Richmond, Va.
McGreece, Jas. P., & Co., hdwe. mfrs., 262 Dover, Boston, Mass.
McGreevy, McGuigen & Baum Constr. Co., Elmira, N. Y.
McGregor, J. F., & Co., hdwe. mfrs., Chattanooga, Tenn.
McGregor, James, landscape architect, Pelham Bay Park, New York
McGregor-Noe Hardware Co., Springfield, Mo.
McGregor & Sons, tex. machy., supplies (slasher combs, reeds), Fall River, Mass.
McGregor Working Barrel Co., Bradford, Pa.
McGregory & Casman, stone prod., 531 Main, Springfield, Mass.
McGrew, C. T., contr., Long Beach, Cal.
McGrew, F. L., architect, Idaho Falls, Idaho.
McGrory, Philip, scrap rubber, Trenton, N. J.
McGuffick, J. R., & Co., lubricating oils & greases, 148 Stewart, San Francisco, Cal.
McGuigan, John, & Co., coal hole covers, 144 Stillman, San Francisco, Cal.
McGuigan, T., contractor, Meadville, Pa.
McGuinness, J. F., tin plate, metals, etc., Worcester, Mass.
McGuire, B. A., cornices, Rockford, Ill.
McGuire, B. C. J., grain cradles, Wilmore, Pa.
McGuire, Chas. F., steam fitters' supplies, Hornell, N. Y.
McGuire-Cummings Mfg. Co., machsts. & fndrs., Harris Trust & Savings Bldg., Chicago, Ill.
McGuire, F. J., contractor, Norfolk, Va.
McGuire, H. J., contractor, Coppe Bldg., Los Angeles, Cal.
McGuire, J. G., & Co., contractors, New Brighton, Pa.
McGuire, J. J., contractor, 546 W. Van Buren, Chicago, Ill.
McGuire, L. C., conduit & pipe benders, 414 37th, Brooklyn, N. Y.
McGuire, Milton H., architect, 101 Park av, New York.
McGuire Nat. Lubrg. Oil & Supply Co., 2924 Locust, St. Louis, Mo.
McGuire & Shook, architects, Indiana Pythian Bldg., Indianapolis, Ind.
McGuire & Tymeson Co., mill & facty. supplies, Johnstown, N. Y.
McGunigle & Tounge, contractors, 34 Colberg av, Boston, Mass.
McGurk, B. L., carriages, Hartford, Conn.
McHale, Martin, contractor, Logansport, Ind.
McHale, T. H. & Son, contractors, Syracuse, N. Y.
McHarg-Barton Co., contractors, 171 Madison av, New York.
McHatton Foundry Co., 1500 Washington av, Phila., Pa.
McHenry Mfg. & Mchy. Co., McHenry, Ky.
McHenry-Millhouse Mfg. Co., paint mfrs. (asphaltum), So. Bend, Ind., & Fulton, N. Y.
McHlynn, Owen, architect, Simon Long Bldg., Wilkes-Barre, Pa.
McHose, L. H., fire clay, Perth Amboy, N. J.
McHose & Pardoe, mattresses, Fargo, N. D.
McHose, S. M., brick, Nevada, Ia.
McHugh Bros., contractors, Springfield, O.
McHugh Fdry. Co., grey iron castings, 90 Sargent, Holyoke, Mass.
McHugh, Jno., stone producer, 5816 Normal av, Chicago, Ill.
McHugh & Johnson Co., Tacoma, Wash.
McHugh, J. P., & Sons, willow ware mfrs., 9 W. 42nd, New York
McHugh, M. & J. B., contractors, 892 N. Market, Phila., Pa
McHugh Mfg. Co., tent contrs., 242 W. 41st, New York.
McHugh, Owen, contractor, Russ Bldg, San Francisco, Cal.
McHugh, P. A. Chair Co., 1892H W. 3rd, Cleveland, Ohio.
McHugh, P. J., Paving & Constr. Co., Seattle, Wash.
McIlhenny Co., canned goods, Avery Island, La.
McIlroy Belting & Hose Co., Hammond, Ind.
McIlroy, J. D., & Sons, cornices & skylights, 508 2d av, Pittsburgh, Pa.
McIlvain Bros., drugs, 1500 Hamilton, Phila., Pa.
McIlvain, J. Gibson, & Co., lumber, Crozer Bldg., Phila., Pa.
McIlvain & Roberts, architects, Land Title Bldg., Phila., Pa.
McIlvain & Speigel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, Ohio.
McIner, Angus V., architect, Electric Bldg., Billings, Mont.
McInnes, Chas. E., & Co., tin plate, metal, etc., Mariners & Merchants Bldg., Philadelphia, Pa.
McInnes Steel Co. (Ltd.), Corry, Pa.
McInnis Lumber Co., Petal, Miss.
McIntire, C., Co., miscellaneous elec. fuses, etc., 35 Vesey, Newark, N. J.
McIntire Coal & Builders' Supply Co., Zanesville, Ohio.
McIntire & Co., staple drivers, Port Chester, N. Y.
McIntire, Walter C., & Co., freight elevators, 12 N. 5th, Phila., Pa.
McIntosh, A. L., contr., Narragansett Pier, R. I.
McIntosh, A., Co., granite, Quincy, Mass.
McIntosh & Alberts, corn brooms, 550 W. 39th, Chicago, Ill.
McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.
McIntosh, Jno. L., tablets & pads, 185 Franklin, Boston, Mass.
McIntosh Lbr. Co., Moss Point, Miss.
McIntosh, Samuel Fraser, engineer, Turks Head Bldg., Providence, R. I.
McIntosh & Seymour Corp., Diesel type oil engines, Auburn, N. Y.
McIntosh Stereopticon Co., 30 E. Randolph, Chicago, Ill.
McIntosh, Terrio & Co., mill & factory supplies, 58 Pearl, New York.
McIntyre & Ahern, contractors, Hartford, Conn.
McIntyre, Archibald, contractor, New Brighton, N. Y.
McIntyre Bros. Paper Co., Inc., tissue paper, Fayetteville, N. Y.
McIntyre-Burrall Co., horse collars, Green Bay, Wis
McIntyre, C. F., hay rakes, Maine, N. Y.
McIntyre & Henderson, tubular boilers, 821 Key Highway, Baltimore, Md.
McIntyre, J. F., & Sons, lbr. mfrs., Pine Bluff, Ark.
McIntyre, J. M., & Co., bituminous coal mine, Comm. Tr. bldg, Philadelphia, Pa.
McIntyre, Jas., architect, Clifford Bldg., New Bedford, Mass.
McIntyre Lumber Co., Millville, Ark.
McIntyre Mfg. Co., piston rings, 172 W. Locust, Columbus, O.
McIntyre & Walter, cornices, Binghamton, N. Y.
McIntyre, William M., architect, Corona, N. Y.
McIntyre, Wm., & Son, brick, Equality, Ill.
McIntyre, Wm., & Sons, contractors, Sharon, Pa.

McIver, Cohagen & Marshall, architects, Billings, Mont., & Great Falls, Mont.
McIver, E. R., architect, 208 Bankers' Trust Bldg., Waco, Tex.
McIver, J. M., flour, Gulf, N. C.
McIver & McKay, see MacKay, Geo., & Co. (successors).
McJoynt Jas., contractor, 414 Floral av, Cincinnati, Ohio.
McJunkin Machine Co., machsts. & fndrs., Sisterville, W. Va.
McKaig-Hatch, Inc., forgings & pliers, 1590 Niagara, Buffalo, N. Y.
McKaig, Merwin, mill & facty. supplies, Cumberland, Md.
McKane-Lins Co., auto trunks, 81 Wisconsin, Milwaukee, Wis.
McKann, M., & Co., lmb. mfrs., Norfolk, Va.
McKanna Cut Glass Co., Honesdale, Pa
McKay, Angus Co., embossed moulding, grille work, etc., 724 S. Desplaines, Chicago, Ill.
McKay Carriage Co., Grove City, Pa.
McKay & Co., lumber, 311 California, San Francisco, Cal.
McKay, Geo. G., machst., Youngstown, Ohio.
McKay, Geo. W., contr., Sacramento, Cal.
McKay, Jno. A., Mfg. Co., machy dealers, Dunn, N. C.
McKay & Morris, contrs., 715 14th, N. W., Washington, D. C.
McKay Spec. Co., advtg., Anderson, Ind.
McKay-Storer Co., stone producers, 5 N. La Salle, Chicago, Ill.
McKean Chemical Co., Williamsport, Pa.
McKean, J. S., & Sons Co., Ltd., masons' & bldrs.' matls., New Kensington, Pa.
McKecknie, Frosh, architect, Floyd bldg, Kansas City, Mo.
McKee, Arthur G. Co., blast furnace constr., 2422 Euclid av, Cleveland, Ohio.
McKee & Bliven Button Co., Muscatine, Ia.
McKee Const Co., contractors, Springfield, Ill.
McKee Glass Co., water coolers, Jeannette, Pa.
McKee, J. L., Supply Co., machy. dlrs. & mill & factory supplies, Cortland, N. Y.
McKee, J. S., architect, 815 E. San Antonio, El Paso, Tex.
McKee, R. D., whol. hdwe., Hagerstown, Md.
McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.
McKee & Shade, carriages, Bloomington, Ill.
McKee, W. I., Lbr. Co., Quincy, Ill.
McKee, W. S., glass house molds, 107 Carson, Pittsburgh, Pa.
McKeefrey & Co., crushed stone & coke, Leetonia, Ohio.
McKeefrey, John, contractor, 1416 B'way, New York.
McKeel-Richardson Hardware Co., Washington, N. C.
McKeen Motor Car Co., Omaha, Neb.
McKeesport 8-in Plate Co., iron rolling mills, McKeesport, Pa.
McKeesport Steel Constr. Co., McKeesport, Pa.
McKeesport Tin Plate Co., McKeesport, Pa.
McKeever, A. Boyd, flour mills, Wardensville, W. Va.
McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.
McKeever Electric Co., 244 S. High, Columbus, Ohio.
McKeithan, D. T., Lbr. Co., Lumber, S. C.
McKell Coal & Coke Co., Glen Jean, W. Va.
McKelvey Bros., lbr., Hollidaysburg, Pa.
McKelvy, J. A., contractor, Harrisburg, Pa.
McKenan's, Wm., Sons, contractors, 200 E. 37th, New York.
McKendall, Frank D., masons' & bldrs.' matls.—Contr., 519 Charles, Providence, R. I.
McKenna Brass & Mfg. Co., Inc., castings, brass specialties, pipe tubing, railings, grilles, etc., 1st av & Ross, Pittsburgh, Pa.
McKenna Co., machsts., 1851 E. 38th, Cleveland, Ohio.
McKenna, J. L., & Co., dyewood extracts, 524 W. B'way, New York.
McKenna, Jas. H., plumbers' supplies—jobbers, Savannah, Ga.
McKenna Lbr. Co., McKenna, Wash.
McKenney, Chas. H., lbr., Bar Mills, Me.
McKenny & Waterbury Co., electric fixtures & fire place furnishings, 181 Franklin, Boston, Mass.
McKenzie, Alex., contractor, Superior, Wis.
McKenzie, B., htg. contrs., Greensboro, N. C.
McKenzie Brick Co., Augusta, Ga.
McKenzie Mfg. Co., machsts. & fndrs., potato machy., La Crosse, Wis.
McKenzie Bldg. Co., contrs., Augusta, Ga.
McKenzie, C. C., contr., Rome, Ga.
McKenzie, Chas. S., architect, Bank of San Jose Bldg., San Jose, Cal.
McKenzie Constr. Co., San Antonio, Tex.
McKenzie, Donald, contractor, Middletown, Conn.
McKenzie, Donald N., architect, 2107½ Post Office, Galveston, Tex.
McKenzie, F. L., contractor, 7 Water, Boston, Mass.
McKenzie Lumber Co., Delaware, Ohio.
McKenzie, M. A., carriages, Wichita, Kans.
McKenzie Milling Co., flour, McKenzie, Tenn.
McKenzie, Voorhees & Gmelin, architects, 1123 B'way, New York.
McKenzie, W., contractor, 734 Washington, San Francisco, Cal.
McKeon & Blake, mason contrs., Bridgeport, Conn.
McKeown Bros., contractors, 4817 Cot. Grove, Chicago, Ill.
McKeown, Thos., Inc., 103 Park av, New York.
McKeown, W. O., & Sons, machsts. & fdrs., Cornwell, S. C.
McKernan, Hugh, sash, door & blind, Washington, Ind.
McKesson & Robbins, oils, acids, chalk, etc., 91 Fulton, New York.
McKibban, E. E., architect, Muskagee, Oklahoma.
McKibben, G. N., auto switches, veneer seating, So. Norwalk, Conn.
McKibbin, David, contractor, 2900 Frankford av, Phila., Pa.
McKie Shipbuilding Co., machsts. & fndrs, 100 Border, E. B., Boston, Mass.
McKIERMAN-TERRY DRILL CO., machsts., 17 Park row, New York. *See adv. index at end of book*
McKiernan & Bergin, contractors, Paterson, N. J.
McKiernan, Geo. F., & Co., loose leaf devices, 430 S. Green, Chicago, Ill.
McKillop, Jas., archit., 154 India, Brooklyn, N. Y.
McKim & Co., machsts. & fdrs., Baker, Ore.
McKim & Cochran Furn. Co., Dept. H, Madison, Ind.
McKim Fdry. & Machine Co., castings, engines, plows, etc., Lockport, N. Y.
McKim, Mead & White, architects, 101 Park av, New York.
McKinlay, P., Jr., lime mfr., Garfield, Ark.
McKinney & Co., masons' & bldrs.' matls., El Paso, Ill.
McKinney-Harrington Co., portable conveyors, loaders, etc., N. Chicago, Ill.
McKinney, J. T., constr., Co., Lynchburg, Va.
McKinney, Jas., & Son, builders' iron work, Albany, N. Y.
McKinney Mfg. Co., hinge mfrs., Liverpool & Metropolitan, Pittsburgh, Pa.
McKinney Steel Co., blast furnaces & iron ore, Perry Payne Bldg., Cleveland, Ohio.
McKinnon Constr. Co., 70 Water, Providence, R. I.
McKinnon Dash Co., camp chairs, auto. covers, etc., Buffalo, N. Y.
McKinnon, H. A., cornices & skylights, Helena, Mont.
McKinnon Iron Works Co., Ashtabula, O.
McKinnon, L. T., & Co., turpentine, Fendig, Ga.
McKinnon & McCarthy, turpentine, White Oak, Ga.
McKinnon Rockaway Axe Co., Rockaway, N. J.
McKinsey & Jenkins, contractors, Frankfort, Ind.
McKnight, C. C., & Bros., fertilizer, Senoia, Ga.
McKnight, L. G., & Son Co., mchsts. & fdrs., Gardner, Mass.
McKnight, Samuel, Hardware Co., 225 Federal, Pittsburgh, Pa.
McKnight & Son, masons' & bldrs.' matls., Brookville, Pa.
MacKormack Co., petroleum products, Roberts Bldg., Tulsa, Okla.
McKown & Beattie, contractors, Coraopolis, Pa.
McKune, C. S., Co., contractors, 409 W. 55th, New York.
McKusick, J. C., contr., Hibling, Minn.
McLachlan Bldg. Co., 112th & Pullman, Chicago, Ill.
McLachlen, John M., mfrs.' distributors, McLachlen bldg, Washington, D. C.
McLagon Fdry. Co., mchsts. & fdrs., New Haven, Conn.
McLain-Carter Furnace Co., open hearth, Goldsmith Bldg., Milwaukee, Wis.
McLain Fire Brick Co., Fulton Bldg., Pittsburgh, Pa.
McLain-Hadden-Simpers Co., advertising counsellors, 210 S. 7th, Philadelphia, Pa.
McLain's System, semi-steel castings, Goldsmith Bldg., Milwaukee, Wis.
McLanahan Stone Mach. Co., Hollidaysburg, Pa.
McLanathan, F. W., & Son, belting, roll coverers, Lawrence, Mass.
McLane, Cyrus D., architect, 127 N. Dearborn, Chicago, Ill.
McLane & Hepburn, contractors, Lisbon, O.
McLane, John B., & Co., contractors, Newport, Ky.
McLane Mfg. Co., plumbers' woodwork, Milford, N. H.
McLaren & Hetherington, architects, Hagerman Bldg., Colorado Springs, Colo.
McLaren Iron Works Co., Cleveland, O.
McLaren, R. J., architect, 37 W. Van Buren, Chicago, Ill.
McLaren & Sons, stone producers, workers & dealers, Court & Bay, Brooklyn, N. Y.
McLaren & Wommer, stone producers, Marietta, O.
McLaughlin & Burchill, contrs., Bastable Blk, Syracuse, N. Y.
McLaughlin Co., Inc., pails, washtubs & oil cans, Brockport, N. Y.
McLaughlin Contracting Co., Germania Bk. Bldg., Pittsbgh, Pa.
McLaughlin, D., & Sons, contractors, Woburn, Mass.
McLaughlin, Daniel F., architect, 7251 Oglesby, Chicago, Ill.
McLaughlin, Geo. G., Mfg. Co., boiler cleaners, machy., 24 Washington, N. Boston, Mass.
McLaughlin & Hulsken, architects, Lima, Ohio.
McLaughlin, J. L., contractor, 244 Kearney, San Francisco, Cal.
McLaughlin, J. L., & Sons, wood handles, Bedford, Pa.
McLaughlin, J. T., archit., Peoples Nat. Bk .Bldg., Lynchburg, Va.
McLaughlin, Jas. E., architect, 88 Tremont, Boston, Mass.
McLaughlin, John J., architect, Burlington, Vt.
McLaughlin, K. M., lbr., Salem, N. H.
McLaughlin & McLaughlin, contractors, 7309 Finance, Ptg., Pa.
McLaughlin, Peter F., architect, 24 North, Pittsfield, Mass.
McLaughlin-Taylor Co., lbr., Seattle, Wash.
McLaughlin, Thos., machsts., 53 Essex, Jersey City, N. J., & 3016 Poplar, Richmond, Va.
McLaughlin, Thomas S., architect, Union Tr. bldg, Providence, R. I.
McLaughlin, Wm. F., architect, Meriden, Conn.
McLaughlin, W. T., Co., mill & factory supplies, West Roxbury, Mass.
McLaughlin's Sons Co., babbit metal, brass ingots, white bronze, spelter & caulking lead, 230 No. 12th, Brooklyn, N. Y.
McLaurin, H. J., Jr., lbr., Sumter, S. C.
McLaury, D. H., Tile Co., marble wk. & flooring, 103 Park av, New York.
McLauthlin, Geo. T., Co., elevators, pulverizing machy., etc., 120 Fulton, Boston, Mass.
McLay, John H., contractor, Hammond, Ind.
McLean, Andrew, Co., buckram, shade cloth, etc., Passaic, N. J.
McLean Bros., lbr. mfrs., Tonawanda, N. Y.
McLean Contracting Co., Fidelity bldg, Baltimore, Md.
McLean & Cousens Co., htg. contrs., 204 Purchase, Boston, Mass.
McLean, D., contractor, Newport, R. I.
McLean, Frank, & Co., cornices, Jackson, Mich.
McLean, Geo. A., & Co., scrap iron & steel, 915 Beaver, Ptg., Pa.
McLean Hardwood Lbr. Co., Memphis, Tenn.
McLean, Hugh, Lbr. Co., Buffalo, N. Y.
McLean, I. F., cooperage stock, Nashville, Tenn.
McLean, J. A., contractor, Walla Walla, Wash.
McLean, Jno., cemetery railing & iron & lawn settees & chairs, 440 Water, New York.
McLean, Jno., peanut blanchers, Lockport, N. Y.
McLean-Jones Oil & Supply Co., Inc., 40 Court, Boston, Mass.
McLean, M. H., contr., 4233 Park av, Chicago, Ill.
McLean, Neil A., contractor, Chronicle Bldg, San Francisco, Cal.
McLean Tire & Rubber Co., East Liverpool, Ohio.
McLean, W. B., Mfg. Co., bank fixtures, 729 Herron av, Pittsburgh, Pa.
McLean, W. H., architect, 110 Tremont, Boston, Mass.
McLeannan Bros., contractors, Pickering Bldg., Cincinnati, O.
McLee, John, contrs., Rockford, Ill.
McLellan, Frank X., contractor, Seattle, Wash.
McLellan, J. L., architect, San Marcos, Tex.
McLellan Mfg. Co., belt dressing, 265 W. 23rd, New York.
McLellan, Wm. L., mill & facty. supplies, Norwalk, Conn.
McLelland Buck & Wise Co., furniture, Dept. H, La Porte, Ind.
McLelland, Jno. C., flour, Thornton, Tex.
McLendon Hardware Co., Waco, Tex.
McLendon, R. R., turpentine, Blakeley, Ga.
McLennan Construction Co., 3105 Caen av, Chicago, Ill.
McLeod, D. N., Lbr. Co., Garnet, Mich.
McLeod & Henry Co., brick, cupola & stove linings, 360 1st, Troy, N. Y.
McLeod, John, contractor, 517 Hope, Providence, R. I.
McLeod, R. A., Plastering Co., Inc., contrs., 1625 1st av, N. Birmingham, Ala.
McLeod & Smith, furniture, 700H Central av, Minneapolis, Ind.
McLeod & Sparks Furn. Co., Dept. H, Fort Smith, Ark.
McLeod, W. J., & Co., granite, Quincy, Mass.

McLeod, Ward & Co., desk lights, lamps, elec. portables, brackets, etc., 430 11th av, New York.
McLeran & Peterson, contrs., Sharon Bldg., San Francisco, Cal.
McLoughlin Bros., toys & nov., 890 B'way, New York.
McLoughlin, Bundy & Sinsbaugh, sporting goods, 545 S. Spring, Los Angeles, Cal.
McLoughlin Supply Co., plumbers' supplies—jobbers, 47 Cliff, New York.
McLouth, Sidney C., shipbldr., Marine City, Mich.
McMahan, Jas., cornices & skylights, Chattanooga, Tenn.
McMahen, Wm. H., mattresses, 242 S. 2nd, Philadelphia, Pa.
McMahon, Bernard H., machinery dlr., Worcester, Mass.
McMahon & Co., friction clutches, gears & pulleys, Water cor Ledge, Worcester, Mass. *See adv index at end of book.*
McMahon, D., contractor, P. O. Bldg., Phila., Pa.
McMahon & Hickey, shoe lasts, Ellicottville, N. Y.
McMahon, J. L., & Son. See McMahon & Son (successor).
McMahon, Jas. T., Constr. Co., contrs., 1543 Farragut, St. Louis, Mo.
McMahon, Jno. F., contractor, Title Guaranty bldg, St. Louis, Mo.
McMahon, Wm. P., architect, Title Guaranty bldg, St. Louis, Mo.
McMahon & Son, cornices & skylights, State Center, Ia.
McManis & Tarnoski, contrs., Endicott Bldg., St. Paul, Minn.
McMann, Jas. R., Co., valves, etc., 56 Gold, New York.
McMann Supply Co., mill & factory supplies, 319 Pearl, New York.
McMann & Taylor Co., pipe, boiler tubes, fittings, valves, etc., 104 John, New York. *See adv index at end of book.*
McMannamy, Wm. P., sashes, doors & blinds, Kalispell, Mont.
McManus, C. H., & Co., shoe counters, Lynn, Mass.
McManus, Edw., masons' & bldrs.' matls., Waterbury, Conn.
McManus, P., contractor, Commercial Tr. Bldg., Phila., Pa.
McManus Quarries Co., stone producers, wkrs. & dlrs., Keokuk, Iowa.
McManus, W. L., Lumber Co., Petoskey, Mich.
McMaster, C. W., contr., Richmond, Cal.
McMaster-Carr Supply Co., mill & facty. supplies, 174 N. Market, Chicago, Ill.
McMaster, L. W., contractor, Zanesville, Ohio.
McMaster, R. C. plow points, Adamsville, Pa
McMeekan, David, steel merchants, 145H S. 30th, Phila., Pa.
McMeikan, Robert & Son, mill & factory supplies, 805 Light, Baltimore, Md.
McMenamin & Sims, contrs., Commercial Tr. Bldg., Phila., Pa.
McMenemy, R. A., bldg. contr., 645 Endicott Bldg., St. Paul, Minn.
McMichael, Abner, machst., 22 Armat, Gtn., Philadelphia, Pa.
McMichael, J. M., architect, Charlotte, N. C.
McMichael, J. P., & Co., flour, Madison, N. C.
McMillan, B. F., & Bro., lbr., McMillan, Wis.
McMillan Book Co., loose leaf devices, Syracuse, N. Y.
McMillan Bros., lumber mfrs., Stockton, Ala.
McMillan, C. W., & Son, granite, Barre, Vt.
McMillan Co., contractors, 1794 E. 55th, Cleveland, Ohio.
McMillan Contracting Co., 37 W. Van Buren, Chicago, Ill.
McMillan, F. G., contractor, 2 S. E. 5th, Minneapolis, Minn.
McMillan & Harrison, fertilizer mfrs., Mobile, Ala.
McMillan, J. T., Co., meat packers, St. Paul, Minn.
McMillan, Jas. & Co., smokeless furnaces, 114 Clarkson, Chicago, Ill.
McMillan & Johnson, turpentine, Helena, Ga.
McMillan Metal Co., coppersmiths, Savannah, Ga.
McMillan, Robt., masons' & bldrs.' matls., Painesville, Ohio.
McMillan, Samuel, contractor, 250 W. 106th, New York.
McMillan, W., & Son, stone producers, 910-920 Otis Bldg., Chicago, Ill.
McMillan & Werner, machsts. & fndrs., 516 Pearl, New York.
McMillan's, W. H., Sons, marine hdwe. mfrs.; ten pins, tackle, blocks, etc., 153 South, New York.
McMillen & Pitz, contrs., Manitowoc, Wis.
McMillen, R., Co., hardwood doors, Oshkosh, Wis.
McMiller & Taft, contractors, Hulbert blk., Cincinnati, Ohio.
McMonies, W. H., & Co., harness, saddles, etc., Portland, Ore.
McMorran, Edw. E., & Co., fire extinguishers, dies, metal novelties, etc., 126 N. Union, Chicago, Ill.
McMorrow Co., contractors, 271 W. 125th, N. Y. City.
McMorrow, Jno., contractors, 322 Adams, Dor., Boston, Mass.
McMullen, Arthur, Co., contractors, caisson bridge foundations, 149 B'way, N. Y. City.
McMullen & Co., masons' & bldrs.' matls., Seattle, Wash.
McMullen, Harry, contractor, Kankakee, Ill.
McMullen, Leo A., architect, Jenkins Bldg., Pittsburgh, Pa.
McMullen Machy. Co., Grand Rapids, Mich.
McMullen, Snare & Triest, Inc., contractors, Lexington & 131st, N. Y. City.
McMurray, A. R., contr., Knoxville, Tenn.
McMurray, Louis, Pkg. Co., Pontiac, Ill.
McMurray Sulky Co., carriages, Marion, Ohio.
McMurry J. W., Contracting Co., Sharp Bldg., Kansas City, Mo.
McMurry, Oscar L., architect, 1710 W. 104th, Chicago, Ill.
McMurtie Milling Co., flour, Belvidere, N. J.
McMurtrie, Harry G., architect, 1012 Walnut, Philadelphia, Pa.
McMurtry, A. J. & G. H., contractors, crushed stone, 16 Shepard, Boston, Mass.
McMurtry Mfg. Co., paint mfrs., Denver, Colo.
McMyler-Interstate Co., cranes, etc., Bedford, Ohio.
McNab Co., clocks, nautical & engng. appliances, Bridgeport, Conn.
McNab-Grimsley Co., Inc., bldrs. mtls., Savannah, Ga.
McNab & Harlin Mfg. Co., brass bushings, posts, plugs, etc., 55 John, N. Y. City.
McNabb, John, contractor, Bound Brook, N. J.
McNabb, Jno., & Son, contractors, Grand Rapids, Mich.
McNabb, Wm. O., architect, Decatur, Ill.
McNair, Alex. & Co., blue print paper, 5 N. La Salle, Chicago, Ill.
McNair Phosphate Co., fertilizer, Laurinburg, N. C.
McNair-Young Co., fertilizer, Wrens, Georgia.
McNairy, A. B., & Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.
McNalby, W. A., & Co., elec. contrs., Pasadena, Cal.
McNally, C. W., Co., plumbers' supplies, jobbers, 199 E. Water, Milwaukee, Wis.
McNally Construction Co., Fall River, Mass.
McNally, D. E., & Co., cornices, 24 Houghton, Worcester, Mass.
McNally Ranch, canned goods, La Mirada, Cal.
McNally, Robert J., water filters, 5618 Germantown av., Philadelphia, Pa.
McNally & Son, masons' & bldrs.' matls., St. Marys, Ohio.
McNamar, Julius J. P., engines, Newark, Ohio.
McNamar Mach. Wks., Newark, Ohio.
McNamara Bros., slate for electrical purposes, Fair Haven, Vt.
McNamara Bros. Co., tank & boiler work, Westport, Baltimore, Md.
McNamara, C. B., & Co., contractors, Dubuque, Ia.
McNamara, Henry L., cornices & skylights, Janesville, Wis.
McNamara, J. H., Trunk Co., 109 W. Monroe, Chicago, Ill.
McNamara-Koster Fdry. Co., Indianapolis, Ind.
McNamara, L. F., boot counters, Haverhill, Mass.
McNamara, M., stamp & stencil wk., 85 Nassau, New York.
McNamara, Michael, Varnish Wks., Clark & M. C. R. R., Detroit, Mich.
McNamara, Thos. J., Co., meat packers, Bridgeport, Conn.
McNatt Coffin & Casket Co., Vidalia, Ga.
McNaughton, Angus J., stone products, Battle Creek, Mich.
McNaughton Mfg. Co., grate bar mfrs., Maryville, Tenn.
McNaughton, Wm. D., paint mfrs., 185 Oakland, Brooklyn, N. Y.
McNaul Tire Co., Ohio Bldg., Toledo, Ohio.
McNaull Boiler Mfg. Co., Toledo, Ohio.
McNeal Machinery Co., mill & factory supplies, Joplin, Mo.
McNear Brick Agency, Monadnock Bldg., San Francisco, Cal.
McNeel Marble Co., Marietta, Ga.
McNeil Boiler Co., 96 Crozier, Akron, Ohio.
McNeil Bros., contractors, 57 Stanley, Boston, Mass.
McNeil Cooperage Co., Phillipsburg, N. J.
McNeil, Daniel C., architect, 80 W. Genesee, Buffalo, N. Y.
McNeil, H. C., & Son, masons' & bldrs.' matls., Sioux City, Ia.
McNeil, J. V., contr, 356 S. Spring, Los Angeles, Cal.
McNeil, Jas. & Bro., Co., steel plate wk., Pittsburgh, Pa.
McNeil, Lawrence W., cornices, Paterson, N. J.
McNeil Lbr. Corp., 1767 Filmore, Buffalo, N. Y.
McNeil & Son, contrs., Framingham, Mass.
McNeill, Henry T., architect, 331 S. 13th, Philadelphia, Pa.
McNeill, Lauff & McNeill, packing box mfrs., 925 N. Halsted, Chicago, Ill.
McNeill Milling Co., flour, Fayetteville, N. C.
McNichol Paving & Construction Co., 1923 Cherry, Phila., Pa.
McNicholl, John, machinists, Washington, La.
McNichols, H. J., contr., 924 S. Kilbourn av, Chicago, Ill.
McNicol-Corns Co., china, Wellsville, Ohio.
McNicol, D. E., Pottery Co., East Liverpool, Ohio.
McNiece, Wm., & Son, machinists, 515 Cherry, Philadelphia, Pa.
McNierney Bros., stone products, Utica, N. Y.
McNown Mfg. Co., kitchen cabinets, Columbia City, Ind.
McNulty, C. W., Co., contractors, Huntington, W. Va.
McNulty, F. D., contractor, Columbia, S. C.
McNulty, Joseph A., colors, dry paints & litharge importers, 114 Liberty, New York. *See adv index at end of book.*
McNulty & Whittier Co., lbr., Stillwater, Me.
McNut, Lewis, sewer pipes & fittings, Brazil, Ind
McNutt Can Sales Co., non-explosive can, 83 Chambers, New York.
McNutt, Hubert C., machinists, Woodston, Kans.
McNutt & McConnell Co., brick & sewer pipe, Brazil, Ind.
McPhail, A. M., Piano Co., 120 Boylston, Boston, Mass.
McPhee, D. A., contractor, 403 Newbury, Boston, Mass.
McPhee & McGinnity Co., lumber mfrs., Tacoma, Wash.
McPhee & McGinnity Co., masons' & bldrs.' matls., Denver, Colo.
McPherson, C. D., contractors, Evanston, Ill.
McPherson, J. W., & Sons, paints, Shippinsburg, Pa.
McPherson, Jos. C., cornice & skylights, Asheville, N. C.
McPherson, W. G., Co., hot air furnaces, Portland, Ore.
McQuade & Bannigan, masons' & bldrs.' matls., Utica, N. Y.
McQuade, J. W., contractor, Albuquerque, N. M.
McQuade, Jas. H., & Sons Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
McQuade, John, & Co., wood stains & paint mfrs., 134 Classon av, Brooklyn, N. Y.
McQuade, Walter, architect, 47 W. 34th, New York.
McQuady Milling Co., flour, McQuady, Ky.
McQuaker, Andrew, architect, Mehlborn bldg, Seattle, Wash.
McQuay-Norris Mfg. Co., piston rings, Cooper & Southwest avs, St. Louis, Mo.
McQuesten, Geo., Co., lumber, 27 Kilby, Boston, Mass.
McQuesten Hardware Co., Muscatine, Ia.
McQuilkin, Geo., machsts., Elkton, Md.
McQuillan, Bernard, Co., contractors, 437 E. 65th, New York.
McQuillen & Chave, Inc., heat contrs., 198 11th av, New York.
McQuinn, Robt., & Co., trunk mfrs., 23 S. 8th, Phila., Pa.
McQuirk, Wm. H., contractors, Norwich, Conn.
McRae & Roberts Co., brass goods, steam, water & gas, 100 S. Campbell av, Detroit, Mich.
McRainey & Bridges, lumber, Wildwood, Fla.
McRee & McNeil, turpentine, Camilla, Ga.
McReynolds, A. V., contractor, Kennewick, Wash.
McReynolds, R., & Sons, carriages, 1423 L. N. W., Washington, D. C.
McReynolds, Robert, contr., 254 4th St. Arcade, Dayton, Ohio.
McShaffrey, E., & Son, contractors, Akron, Ohio.
McShain, John, contractor, 1610 North, Philadelphia, Pa.
McShane Bell Fdry. Co., 50 Church, New York.
McShane, Jas., contractor, 251 E. 62d, New York.
McShane, Wm. J., contractor, 413 S. 13th, Philadelphia, Pa.
McSheehy Bros., contractors, 47 Langdon, San Francisco, Cal.
McSherry Mfg. Co., mach'y, Pittsburgh, Pa.
McSorley, John, contractor, 1912 Wightman, Pittsburgh, Pa.
McSpirit, John & Jos., contractors, 118 Wayne, Jersey City, N. J.
McSweeney, A. McF., architect, Pocatello, Idaho.
McTague, Martin F., scrap rubber, 1221 Bainbridge, Phila., Pa.
McTernan & Halpin Const. Co., contrs., 2500 Grand av, Kansas City, Mo.
McTernan Rubber Mfg. Co., Reading, Mass.
McVay-Walker Co., lavatories & fittings, Braddock, Pa.
McVey, Hugh, fndrs., Syracuse, N. Y
McVicar, Thos., cornices, Yonkers, N. Y.
McVicar, Wm. H., cornices, Yonkers, N. Y.
McVoy Sheet & Tin Plate Co., 1042 W. 36th, Chicago, Ill.
McVoy Tub, Pail & Package Co., 11th av, N. E., & Water, Minneapolis, Minn.
McWade, Wm. J., speaking tubes, 3140 S. Canal, Chicago, Ill.
McWain Canning & Packing Co., East Waterford, Me.
McWalters, Jas., & Sons, contractors, 1493 B'way, New York.
McWayne Co., contrs., 138 W. Washington, Chicago, Ill.
McWhinnie, Thos., wooden barrows, Poughkeepsie, N. Y.
McWhirter, W. H., Co., stone products, 82 Woolsey, Long Island City, N. Y.
McWhorter Mfg. Co., agricultural implements, Riverton, N. J.

McWhorter, Weaver & Co., wholesale hardware, Nashville, Tenn.
McWilliams Co., contrs., Dept. H, Memphis, Tenn.
McWilliams, Frank, dry docks & marine ry, 1 B'way, New York.
McWilliam Dredging Co., contrs., 232 S. Michigan av, Chicago, Ill.
McWilliams, Frank, mchsts. & fndrs., Burgher av, West New Brighton, N. Y.
McWilliams, R. H., & G. A., contractors, 332 S. Michigan, Chicago, Ill.
McWilliams & Schulte, packing box mfrs., McLean av & Richmond, Cincinnati, Ohio.
McWilliams, Thos., polishing & wire drawing machines, jewelers' tools, etc., 237 Eddy, Providence, R. I.
M. W. Supply Co., rail benders, guard rail clamps & fasteners, Real Estate Trust Bldg., Phila., Pa.
Maag, August, Co., bakers & confectioners' utinsels mfrs., 509 W. Lombard, Baltimore, Md.
Maas, Chas. W., architect, Houghton, Mich.
Maas-Neimeyer Lumber Co., Indianapolis, Ind.
Maas & Waldstein, oils, lacquer mfrs., etc., 91 William, New York.
M. & B. Chemical Co., Dept. H, Johnson City, Tenn.
Maack, Henry, architect, 1742 Chouteau av, St. Louisc, Mo.
Maas Carbonator Co., 2228 Clybourn, Milwaukee, Wis.
Mabbs Hydraulic Packing Co., 421 Manhattan bldg, Chicago, Ill.
See adv. index at end of book.
Mabie, Todd & Co., fountain pen mfrs., 17 Maiden la, New York.
Mabie, Wm. I., & Co., contractors, 15 Federal, Boston, Mass.
Mabscott Coal & Coke Co., Macdonald, W. Va.
Macalaster-Wiggin Co., time switches, 66 B'way, Boston, Mass.
Macallen Co., trolley line materials, 16 Macallen, S. Boston, Mass.
Macan, Jr., Co., mill & facty. supplies, Easton, Pa.
MacAndrews & Forbes Co., box board, Camden, N. J.
MacAndrews & Forbes Co., wall boards, 200 5th av, New York.
MacArthur Bros. Co., contractors, Equitable Bldg., New York.
MacArthur Concrete Pile & Foundation Co., contrs., 120 B'way, New York.
MacArthur, Jas., Co., contractors, 22 Ormond pl, Brooklyn, N. Y.
Mac Arthur & Kauffman, lumber, 461 Market, San Francisco, Cal.
MacArthur, Perks & Co., Ltd., contractors, 120 B'way, New York.
Macatee, W. L., & Sons, masons' & bldrs.' matls., Houston, Tex.
Macauley Bros., meating contractors, Grand Rapids, Mich.
Macauley, C. R., Co., sash, door & blind mfrs., 255 18th, Brooklyn, N. Y.
Macauley, H. C., Foundry Co., Berkeley, Cal.
Macbeth-Evans Glass Co., C of C bldg, Pittsburgh, Pa.
Macbeth Arc Lamp Co., 1524 Chestnut, Philadelphia, Pa.
MacBride, E. E., architect, 64 E. Van Buren, Chicago, Ill.
MacBride, Owen Carl, architect, 5637 Drexel av, Chicago, Ill.
Maccar Truck Co., Scranton, Pa.
MacCarthy & Harper, who. hdwe., 345 N. Calvert, Baltimore, Md.
MacCleary, J. H., railroad equipments, Suffolk, Va.
MacClure & Spahr, architects, 320 4th av, Pittsburgh, Pa.
MacCordy Button Mach., Co., Amsterdam, N. Y.
MacCormack, W., fertilizer mfrs., Wolcott, Conn.
Macdiarmid & Co., masons' & bldrs.' matls., Newport, Vt.
MacDonald, Angus, contractor, 79 Milk, Boston, Mass.
MacDonald, Chas. A., architect, Tulsa, Okla.
Macdonald Colliery Co., coke, Macdonald, W. Va.
Macdonald Engng. Co., coal machy., 53 W. Jackson blvd, Chicago, Ill.
MacDonald Hay Co., die cast castings, Syracuse, N. Y.
MacDonald & Joslin Co., contractors, 161 Devonshire, Boston, Mass.
Macdonald & Kahn, contrs., Rialto bldg., San Francisco, Cal.
MacDonald, Murdo F., granite, South Ryegate, Vt.
Macdonald Ticket & Ticket Box Co., 5015 Wellesley av, Cleveland, Ohio.
MacDonell, Francis J., archt., Hennen bldg, New Orleans, La.
Macdonough, A. J., archit., Kissimmee, Fla.
MacDowell, Sam'l B., & Son, contractors, 1927 Montgomery av, Philadelphia, Pa.
MacDuff, Robt. A., & Co., contractors, 376 Richmond, Providence, R. I
MacEachron, J. R., architect, 124 Ely, Atlanta, Ga.
Mace, Chas. G., contr., Jefferson City, Mo.
Mace, Edw., building contractor, Oshkosh, Wis.
Mace, L. H., & Co., refrigerators, 55 E. 150th, New York.
Mace & Mansfield, fertilizer mfrs., Greenville, Ohio.
MacElroy Engine Co., kerosene engines, Newark, N. J.
Macey Co., book cases (wood), Grand Rapids, Mich.
Macfarlane, Maul & Lentz, architects, David Whitney Bldg., Detroit, Mich.
MacGillis & Gibbs Co., ties, poles, Wells Bldg., Milwaukee, Wis.
MacGovern & Co., Inc., second hand mach., 114 Liberty, New York.
MacGowan & Cooke Printing Co., loose leaf devices, Chattanooga, Tenn.
Macgowan & Finegan Cordage Co., twine, Pierce bldg, St. Louis, Mo.
MacGregor Co., John, spark plugs, 756 South, Boston, Mass.
MacGregor, Thos. F., cornices, Schenectady, N. Y.
Mach Mfg. & Engineering Co., Council Bluffs, Ia.
Machamchik & Ruderman, contrs., Waterbury, Conn.
Machen, Thos. G., architect, Fidelity Bldg., Baltimore, Md.
Machenheimer Bros., machsts. & fndrs., Port Angeles, Wash.
Machine Appliance Corporation, paper, hand punches, fasteners & eyelet machinery, 351 Jay, Brooklyn, N. Y.
Machine Products Co., E. 179th & St. Clair, Cleveland, Ohio
Machine Shop Equipment Corp., mill & factory supplies, 170 Olive, Boston, Mass.
Machine Steel Casting Co., Alliance, Ohio
Machineless Refrigerating Corp., 71 Jamaica av, Brooklyn, N. Y.
Machinery, trade publications, 140 Lafayette, New York.
Machinery Co. of America, saw, knife fitting machy. & tools, Big Rapids, Mich.
Machinery Designing & Mfg. Co., soap wrapping machinery & Presses, 656 Hudson, New York.
Machy. Equipment Co., mill & factory supplies, Boston, Mass.
Machinery Forging Co., Hamilton av & Marquette, Cleveland, O.
Machinery Sales Agency, 593 Market, San Francisco, Cal.
Machinery Sales Co., 327 S. La Salle, Chicago, Ill.
See adv index at end of book.
Machy. Sales & Electric Co., mill & factory supplies, 5 E. Fort, Detroit, Mich.
Machy. Supply Co., San Diego, Cal.
Machinery Utilities Co., machy. dealers, 501 Fifth av, New York.
Machy. Warehouse, mill & factory supplies, 1705 W. 37th, Chicago, Ill.
Machinery & Equipment Co., Inc., scrap metals & second hand mach'y., 225 Sherman av, Newark, N. J.
Machinists Foundry Co., Muncie, Ind.
Machinists Supply Co., mill & factory supplies, 19 N. Jefferson, Chicago, Ill., & 325H 2nd av, Pittsburgh, Pa.
Machler, Paul, Co., ovens, 807 W. Lake, Chicago, Ill.
Machod Signal Co., Inc., Louisville, Ky.
Machold & Riddell (dredge pipe & fittings), Stephen-Girard Bldg., Philadelphia, Pa.
Machover, S., second hand bags & bagging, 113 Mercer, New York.
Machwirt Bros. Co., cornices & skylights, metallic window sashes, etc., 201-9 Oak, Buffalo, N. Y.
Mac-It Parts Co., set hollow screws, Lancaster, Pa.
Mack Automatic Heat Regulator Co., 120 E. Woodbridge, Detroit, Mich.
Mack Ave. Building Co., 185 Division, Detroit, Mich.
Mack Bros., tubular boilers, 409 Marcellus, Syracuse, N. Y.
Mack Bros. Motor Car Co., Allentown, Pa.
Mack & Co., picks, mattocks, etc., Rochester, N. Y.
Mack, E. T., architect, Perkins bldg, Tacoma, Wash.
Mack Fdry. & Mach. Co., Wilkinsburg, Pa.
Mack, Henry, traveling bags & suit cases, 104 Prospect, Jersey City, N. J.
Mack Iron & Wire Works, machsts., Sandusky, O.
Mack, Jas., & Co., advtg. spec., 18 So. 5th av, Chicago, Ill.
Mack & Kountz, architects, Hagerstown, Md.
Mack Mfg. Co., common brick, New Cumberland, W. Va.
Mack Mfg. Co., rail blocks, bricks, sewer pipes, etc., Lincoln Bldg., Philadelphia, Pa.
Mack, Miller Candle Co., beeswax, Syracuse, N. Y.
Mack & Moore, contractors, 101 Tremont, Boston, Mass.
Mack Paving & Construction Co., 20th & Sedgley av, Phila., Pa.
Mack Trunk Co., Memphis, Tenn.
Mack Trunk Co., Ltd., 157 Baronne, New Orleans, La.
Mack Ventilator Co., Swetland Bldg., Cleveland, Ohio.
Mack, W. A., & Co., cornices, etc., Lowell, Mass.
Mack & Winkle, saws, 172 Skillman av, Brooklyn, N. Y.
MacKay, Geo., architect, Ocala, Fla.
MacKay, Geo. & Co., W. hdwe., Dept. H, Ocalo, Fla.
Mackay, Kenneth, & Co., contractors, Yonkers, N. Y.
Mackay Mfg. Co., steam & hot water heaters & radiators, 234 Water, New York.
Mackay, W. M., consulting heating & ventilating engineers, 234 Water, New York.
Mackay, W. R., bldg. contr., Owasco Terrace, Auburn, N. Y.
Macke Marble & Granite Works, Birmingham, Ala.
Mackee & Williams, architects, Newport News, Va.
MacKellar's, R., Sons Co., fdry. facings, Peekskill, N. Y.
Mackemer, J. W., & Co., masons' & bldrs.' matls., Peoria, Ill.
MacKenzie, Clinton, architect, 15 Broad, New York.
MacKenzie, Geo. M., dumb waiters & freight elev., New Haven, Conn.
Mackenzie, J. P., lumber mfrs., North Tonawanda, N. Y.
Mackenzie, Jas. C., architect, 4 E. 39th, New York.
MacKenzie, Murdoch, contractor, 346 Belgrade av, Boston, Mass.
MacKenzie, Quarrier & Ferguson, steam engines, 2 Rector, New York.
MacKenzie, R., contr., Rockford, Ill.
Mackenzie, R. H., contractor, Englewood, N. J.
MacKenzie & Wiley, architects, 806 Liberty, bldg, Philadelphia, Pa.
MacKenzie's, Duncan, Sons Co., mchsts. & fndrs., Trenton, N. J.
Mackey Brick & Tile Mfg. Co., San Antonio, Tex.
Mackey, Leroy B., contractor, Altoona, Pa.
Mackey, M. E., brick, Verplanck, N. Y.
Mackin Oil Gauge Co., 33 N. Foster, Worcester, Mass.
Mackin, Stephen, mach. & jobbing, etc., 33 North Foster, Worcester, Mass.
MacKinnon, F., Mfg. Co., wagons, Grand Rapids, Wis.
Mackinnon & Nicholson, contractors, Attleboro, Mass.
Mackintosh, Alexander, architect, Bible House, New York.
Mackintosh, D., & Sons Co., absorbent cotton, Holyoke, Mass.
Mackintosh-Hemphill Co., engine builders, 12th & Etna, Pittsburgh, Pa. *See adv index at end of book.*
Mackle Construction Co., Atlanta, Ga.
Macklin & Faught, architects, Chickasha, Okla.
Macklin, H. B., architect, Greenville, Tex.
Macknet, Dan, masons' & bldrs.' matls., Dectaur, Ill.
Macknet & Doremus, who. h'dwe, machinists' tools, mill, facty. & steamfitters' supplies, 796 Broad, Newark, N. J.
Macknet Grate Bar Co., mfrs., 32 Nassau, New York.
Macksburg Tool Co., Macksburg, Ohio.
MacLac Co., shellac, 9 Cliff, New York.
MacLagan, Peter T., architect, 552 Summer av, Newark, N. J.
MacLane, Edw., marble & granite, 1937 Grace, Chicago, Ill.
MacLean Box Factory, Buffalo, N. Y.
MacLean Construction Co., 76 W. Monroe, Chicago, Ill.
Maclean, J. S., store fixtures, Spring & Water, Columbus, Ohio.
MacLean & McCurdy, dumping carts, Dorchester, Boston, Mass.
Maclear Mfg. & Supply Co., mchsts. & fndrs., Denver, Colo.
MacLeod & Co., hemp & jute imptrs., 82 Beaver, New York.
Macleod Co., metallurgical furnaces & equipment, 2227 Bogen, Cincinnati, O. *See adv. index at end of book.*
MacLeod Mfg. Co., window cleaners, jigs, spec. machy., etc., 2640 Greenview av, Chicago, Ill.
MacLeod & Smith, bldg. contrs., Duluth, Minn.
Maclure, A. J., architect, Lewis Bldg., Portland, Ore.
MacMelth Co., ticket punchers, 146 Lafayette, Newark, N. J.
MacMullen & Co., plbrs. supplies, 1037 Race, Phila., Pa.
Macmurphy Fertilizer Co., Charleston, S. C.
MacNab, John, Machy. Co., machy. dlrs., 90 West, New York.
MacNaughton & Robinson, architects, Paddock Bldg., Boston, Mass.
Macneal, Jas. B., & Co., varnish & color mfrs., Warner & Wooster, Baltimore, Md.
MacNichol Packing Co., Eastport, Me.
Macs Products Co., plumbers supplies, 154 Nassau, New York
Macomb Sewer Pipe Works, Macomb, Ill.
Macomber Bros. Co., brick, Toledo, Ohio.
Macomber, Geo. B. H., Co., contractors, 44 Bromfield, Boston, Mass.
Macomber, Grant J., architect, Flint, Mich.
Macomber, Hy. S., & Co., lubrg. oils, 150 Milk, Boston, Mass.
Macomber & Whyte Rope Co., see Macwhyte Co. (successors).
Macomber, Wm. K., architect, McKnight Bldg., Minneapolis, Minn.

Macon County Oil Co., Tuskegee, Ala.
Macon Mattress Mfg. Co., Macon, Ga.
Macon Sewer Pipe Wks., Macon, Ga.
MacQueen, J., architect, 560 Walnut, Elizabeth, N. J.
Macqueen, James M., Esq., archit., 217 Bank, Sewickley, Pa.
MacQuiddy, D. H., bldg contrs., Pittsburgh, Pa.
MacPhee Bros., contractors, 1045 Bergen, Newark, N. J.
Macrae Bros., contractors, Seattle, Wash.
MacRae, Hector C., machinist, 316 St. Paul, Baltimore, Md.
Macrodi, F., Fibre Co., bobbins, spools, etc., Woonsocket, R. I.
MacRorie-McLaren Co., landscape architects, 141 Powell, San Francisco, Cal.
Mac-Sim-Bar Paper Co., Otsego, Mich.
MacTavish, Archibald, contractor, 1515 Pine, Philadelphia, Pa.
Macungie Brass & Mfg. Co., mchsts. & fndrs., Macungie, Pa.
MacWatly Belting Co., belting & packing, 7 Beverly, Providence, R. I.
Macwatty, D., & Co., mill & facty. supplies, 103 Chambers, N. Y. City.
Macwell Milling Corp., flour, Fulton, N. Y.
Macwhyte Co., wire rope, Kenosha, Wis.
Macy, Chas. W., Co., masons' & bldrs.' matls., Hudson, N. Y.
Macy, Frank R., cornices, Hudson, N. Y.
Madarys Planing Mill, Fresno, Cal.
Madco Foundry & Machinery Co., castings mfrs., Phoenixville, Pa.
Madden Boiler Wks., Hollidaysburg, Pa.
Madden Bros. Co., mchsts. & fdrs., Rushville, Ind.
Madden Glass Co., Aberdeen, S. D.
Madden & Gaskill, fndrs., Millville, N. J.
Madden, Jerry, Shingle Co., lumber, Rapid River, Mich.
Madden, John J., furn., Dept. H, Sherman Drive & 16th, Indianapolis, Ind.
Madden Lbr. Co., sash, door & blind mfrs., Troy, N. Y.
Madden & Morrison File Co., Middletown, N. Y.
Madden, Thomas & Sons Co., lounges, Fletcher & C. C. C. & St. L., Indianapolis, Ind.
Maddock & Co., steam fitters' supplies, 40 N. 6th, Phila., Pa.
Maddock, John, & Sons, potteries, Trenton, N. J.
Maddock Textile Co., cotton mops, Milford Centre, Ohio.
Maddock's, Thomas, Sons Co., potteries & plumbers' earthenware supplies, Trenton, N. J.
Maddox Fdry. & Mach. Co., Archer, Florida.
Maddox Machine Co., wood-working machinery, Jamestown, N. Y.
Maddox Table Co., 101 Harrison, Jamestown, N. Y.
Mader Bros. & Co., tanks, Lebanon, Pa.
Madera Sugar Pine Co., Madera, Cal.
Madeira-Hill Coal Mining Co., bituminous, No. America bldg. Philadelphia, Pa.
Madigan, G. Harry, architect, 243 Withers, Brooklyn, N. Y.
Madigan Lumber Co., Dunkirk, N. Y.
Madill Grain & Elevator Co., flour, Hadill, Okla.
Madill Oil & Cotton Co., see Farmers Cotton Oil Co. (successor).
Madison Auto & Machine Co., Madison, Ga.
Madison Basket Co., willow ware mfrs., Madison, Ohio.
Madison Brass Wks., Madison, Wis.
Madison Brick Co., Madison, Ind.
Madison Coal Corp., 910 S. Michigan blvd, Chicago, Ill.
Madison Construction Co., Anderson, Ind. & 212 Clay, Baltimore, Md.
Madison Fertilizer Co., Madison, Ga.
Madison Foundry Co., Cleveland, Ohio.
Madison Glue Mfg. Co., Inc., 97 Beekman, New York.
Madison Iron Wks., arch'l & ornamental, 449 E. 120th, New York City.
Madison-Jackson-Estill Lumber & Development Co., Panola, Ky.
Madison-Kipp Corp., lubricators, Madison, Wis.
Madison Machine Co., mchsts. & fdrs., Madison, Ind.
Madison Mfg. Co., milling cutters, Spring & Elton, Muskegon, Mich.
Madison Mill & Grain Co., Madison, S. D.
Madison Motors Corp., Anderson, Ind.
Madison Plow Co., Madison, Wis.
Madison Saddlery Co., Madison, Wis.
Madison Tent & Awning Co., Madison, Wis.
Madison Wheel Co., Madison, Ohio.
Madisonville Flouring Mills, Madisonville, Tenn.
Madisonville Milling Co., flour, Madisonville, Ky.
Madisonville Saw & Planing Mill, Madisonville, La.
Madmar Quality Co., toys, Utica, N. Y.
Madry, J. W., brick, Scotland Neck, N. C.
Madsen Construction Co., Builders Exchange, Minneapolis, Minn.
Madsen, M. C., brick, Hutchinson, Minn.
Madsen & Wistoft Constr. Co., Poughkeepsie, N. Y.
Madson, Christensan & Ingbretson, bldg. contrs., 379 31st, Milwaukee, Wis.
Maeglin, Gustave, brick, Muscatine, Ia.
Maeher, Paul, Co., cornices, 2210 W. Lake, Chicago, Ill.
Maene, Edw., archl. modelers, 309 S. Lawrence, Phila., Pa.
Maer Knitting Mills, sweaters, cardigans, etc., 392 Broadway, New York.
Maerky, Emil, machsts., 218 Arch, Philadelphia, Pa.
Maes, Jacob, brick, 2703 Meramec, St. Louis, Mo.
Maescher, Chas. V., & Co., contractors, 617 Hunt, Cincinnati, O.
Maescher & Co., meat packers, 1754 Central av, Cincinnati, O.
Maestri, Francis & Paul Furn. Co., Dept. H, Custom House & Rampart, New Orleans, La.
Maettig, Fred, architect, 2812 North av, Milwaukee, Wis.
Mafreto Mach. & Tool Co., Worcester, Mass.
Magaril, Morris, mattresses, 19 Moore, Brooklyn, N. Y.
Magazine Hardwood Sawmill Co., Mobile, Ala.
Magaziner & Eberhard, 603 Chestnut, Phila., Pa.
Magaziner & Potter, architects, 603 Chestnut, Philadelphia, Pa.
Magee, Alonzo H., radiator valves, 136 Beekman, New York.
Magee Bros., packing box, Janesville, Wis.
Magee Carpet Co., 230 Fifth av, New York.
Magee Furnace Co., 38 Union, Boston, & Chelsea, Mass.
Magee, J. A., architect, Phelan bldg, San Francisco, Cal.
Magee, Jno. A., Co., wholesale hardware, Clarion, Pa.
Magee, M., & Son, flag mfrs. & tents (cont., eac.), 147 Fulton, New York.
Magee Mfg. Co., brass & iron bedsteads, 1518 Tchoupt, New Orleans, La.
Magee & Richards, tailors' squares, 223 Grand, New York.
Magee Steam Specialty Corp., 136 Beekman, New York.
Mager, C., ale & beer pumps, 314 W. 39th New York.
Mager & Gouglemann, artificial eyes, 104 E. 12th, New York.
Mager & Newman Tinware Co., ash & garbage cans, stove pipe & elbow mfrs., 160 Monroe, New York.
Maggard, L. D., & Co., cross ties, Paintsville, Ky.
Magic-Keller Soap Works, 1583 Washington, Louisville, Ky.
Magie Bros., lubrg. oils, 110 S. Clinton, Chicago, Ill.
Magill Hardware Co., Chattanooga, Tenn.
Magill, J. R., canned goods, Bellingham, Wash.
Magill, W., contractor, Beloit, Wis.
Maginn, Chas., stained glass window mfrs., 17 E. 14th, New York.
Maginn, P. F. & Co. See McLear Mfg. Co. (successor).
Maginnis & Walsh, architects, 30 E. 42d, New York, & 100 Boylston, Mass.
MaGirl, P. H., hot air furnaces, Bloomington, Ill.
Maglathlin, F. W., & Co., tacks, Kingston, Mass.
Magley Bros., machsts. & fndrs., Columbia City, Ind.
Magna Machine Co., tool posts, 626 Driggs av, Brooklyn, N. Y.
Magnan, N. J. Co., tennis rackets, North Attleboro, Mass.
Magnesia Covering Co., see Keasbey & Mattison (successor).
Magness, R. L., & Co., canned goods, Emmorton, Md.
Magnet Cement & Dressing Co., glue mfrs., Primos, Pa.
Magneta Co., clocks, time recorders & stamps, 37 E. 28th, New York.
Magnetic Mfg. Co., magnetic separators, 279 23rd av, Milwaukee, Wis. *See adv index at end of book.*
Magnetic Separator Co., Troy, N. Y.
Magneto Parts Co., 1790 B'way, New York.
Magnetol Printing Ink Co., 461 8th av, New York.
Magney, G. Renatus, archit,, Builders Exchange, Minneapolis, Minn.
Magnis Co., Inc., castings, 860 N. Main, Los Angeles, Cal.
Magnolia Cotton Mills Co., Magnolia, Miss.
Magnolia Metal Co., babbitt metal mfrs., 113 Bank, New York *See adv. index at end of book.*
Magnolia Petroleum Co., Galveston, Tex.
Magnus, A., sons Co., bottlers' machy. & supplies, 327 W. Randolph, Chicago, Ill.
Magnus, Andrew, crushed stone, Elgin, Ill.
Magnus Co. See Magnus Metal Co. (successor).
Maganus Constr. Co., 294 Washington, Boston, Mass.
Magnus, Henry, cornices & skylights, Winona, Minn.
Magnus, Mabee & Reynard, soap makers' supplies, 257 Pearl, New York.
Magnus Metal Co., mchsts. & fndrs., 80 E. Jackson blvd., Chicago, Ill., & 111 Bway., New York.
Magnus, Wm. J., mchsts., Webster, S. D.
Magnuson, Hugo E., architect, 52 Vanderbilt, New York.
Magnusson, Fred., architect, Marshfield, Ore.
Magonigle, H. Van Burne, architect, 101 Park av, New York.
Magoon, M. A., architect, Logan, Ohio.
Magor Car Corp., 30 Church, New York.
Magosy & Buscher, metal spinning, 118 Walker, New York.
Magruder, Benj. E., brick, tile, Winfield, Mo.
Mague, Wm. H., architect, West Newton, Mass.
Maguire Bros. Co., second-hand barrels, 820 Girard av, New York.
Maguire, Chas. B., Co., contractors, Turks Head Bldg., Providence, R. I.
Maguire, Edward J., contractor, 1263 Atlantic av, Brooklyn, N. Y.
Maguire, John P., contr., New Brittain, Conn.
Maguire Rubber Co. belting, hose, packing, etc., 200 5th av, New York.
Maguire, W. J., cornices & skylights, 46 Cornhill, Boston, Mass.
Maguire, Wm. G., fringes, silk upholstery, etc., Camden, N. J
Mahaffey, David, architect, 118 N. La Salle, Chicago, Ill.
Mahaffy Bros., woolen flannels, Pulaski, N. Y.
Mahan & Broadwell, architects, 144 Madison av, Memphis, Tenn.
Mahan Co., mill & factory supplies, Winchester, Ky.
Mahan Co., stone producers, 2132 S. Kedzie av, Chicago, Ill.
Mahan, Frank H., contractor, Ardmore, Pa.
Mahan, Jas., machsts., Canastota, N. Y.
Mahanna, William, common brick, Lenox, Mass.
Mahar Bros. Slate Co., Fair Haven, Vt.
Mahar, M. A., masons' & bldrs.' matls., Greenville, Ohio.
Masher Bros. Co., furniture, Dept. H, Medina, N. Y.
Maher Bros. Corp., masons' & bldrs.' matls., Greenwich, Conn.
Maher & Flockhart, founders, 76 Polk, Newark, N. J.
Maher, Frank W., contractor, 501 5th av, New York.
Maher, Geo. W., architect, 157 E. Erie, Chicago, Ill.
Maher, Harry E., architect, 6611 Minerva av, Chicago, Ill.
Maher, J. J., lightning rods, Preston, Ia.
Maher, Jas. S., architect, 431 W. 14th, New York.
Maher & McNicholas, contractors, Kearny, N. J.
Maher, Patrick, mchsts. & fndrs., Jamestown, N. Y.
Maher, Philip, & Son, stone producers, Burmont, Pa.
Maher, Thos. F., contractor, 883 Orange, New Haven, Conn.
Maher & O'Connell, masons, New Haven, Conn.
Maher & Winchester, architects, 8 Beacon, Boston, Mass.
Maher's, Edw., Sons, mchsts. & fndrs., 216 Berlin, Newark, N. J.
Mahl, Herman, contractor, Hartford, Conn.
Mahle, C. A., & Son, Ltd., broom blocks, wood handles, Corry, Pa.
Mahler, H. H., architect, Tulsa, Oklahoma.
Mahler, P., & Sons, brushes (steel, wire, etc.), 299 Pearl, New York.
Mahlke, R. H., mchsts. & fndrs., Wheeling, W. Va.
Mahlow & Wyckoff, rubbers, dies molds, Trenton, N. J.
Mahlstedt, J. A., Lumber & Coal Co., masons' & bldrs.' matls., New Rochelle, N. Y.
Mahnken Bldg. Material Co., Varick av, Brooklyn, N. Y.
Mahon, M. J, & C. M., canned goods, Ellendale, Del.
Mahon, R. C., Co., cornices & skylights, & sheet metal workers, St. Aubin & E. Grand blvd, Detroit, Mich.
Mahoney & Coffey, contrs., 29 Weybosset, Providence, R. I.
Mahoney Construction Co., Portland, Me.
Mahoney, Daniel, & Sons, mill & facty. supplies, 17 Main, Buffalo, N. Y.
Mahoney, E. H., Chair Co., Gardner, Mass.
Mahoney, John, mason bldr., South Manchester, Conn.
Mahoney, P. J., masons' & bldrs.' matls., Westfield, Mass.
Mahoney, Pat'k F., brass castings, 552 W. Lake, Chicago, Ill.
Mahoney Railroad Ditching Machine Co., Vincennes, Ind.
Mahoney & Swanson, contractors, Jamestown, N. Y.
Mahoney, Wm., Mattress Co., Walpole, Mass.
Mahoney, Wm. P., contractor, Harrison Bldg., Philadelphia, Pa.
Mahoning Foundry Co., Youngstown, Ohio.
Mahoning Fdry. & Mach. Co., Punxsutawney, Pa.
Mahoning Limestone Co., New Castle, Pa.
Mahoning Ore & Steel Co., Widener Bldg., Philadelphia, Pa.
Mahoning Steel Products Co., stamping works, Warren, Ohio.

Mahoning Valley Steel Co., Niles, Ohio.
Mahony Bros., contractors, Hobart Bldg., San Francisco, Cal., & 473 W. 153d, New York.
Mahony Mfg. Co., mchsts & fndrs., Troy, N. Y.
Mahony, T., willow ware mfrs., 819 E. 5th, New York.
Mahood, Alex B., architect, Bluefield, W. Va.
Mahr Mfg. Co., oil & gas burning equipt., 1300 N. E. Quincy, Minneapolis, Minn.
Mahurin & Mahurin, architects, 124 W. Jefferson, Fort Wayne, Ind.
Maibohm Motor Co., Racine, Wis.
Maibohm Motors Co., Sandusky, Ohio.
Maiden American Toy Mfg. Co., toys & dolls, 101 Varick, New York.
Maiden, Wm. M., corn brooms, Muscatine, Ia.
Maier, Fred., & Sons, masons' & bldrs.' matls., Seneca Falls, N. Y.
Maier, Geo., & Bros., contrs., Bridgeton, N. J.
Maier, Martin, & Co., trunk mfrs., 102 Woodward, Detroit, Mich.
Maier, Marx, Inc., cotton waste, 200 5th av, New York.
Maier, Sebastian, stone, St. Joseph, Mo.
Maier, Wm., machsts., 2720 N 13th, St. Louis, Mo.
Maiers, G. F., machinist, Goleta, Cal.
Maier's, John G., Sons, lacquer mfrs., 153 N. Gay, Baltimore, Md.
Mail Wrapper Tube Co., 162 E. 118th, New York.
Mailander Co., show cases, fixtures, Waco, Tex.
Mailloux, J. C., & Sons Co., mill & factory supplies, Woonsocket, R. I.
Mailometer Co., machy., dies, gauges, etc., 1093 Jefferson av, Detroit, Mich.
Maimin, H., Co., mach., 251 W. 19th, New York.
Main Belting Co., 1219 Carpenter, Philadelphia, Pa.
Main Bros. Box & Lumber Co., Karnak, Ill.
Main, Chas. T., engineer, textile mills, industrial plant, steam and water power developments, 201 Devonshire, Boston, Mass.
Main Electric Co., Portland, Ore.
Main Elec. Mfg. Co., storage batteries, lightning plants, etc., Cleveland, Ohio.
Main Iron Works, boilers, mining machy., etc., 16th & Daggett, San Francisco, Cal.
Main Island Creek Coal Co., Omar, W. Va.
Main, Lucius Clark, architect, Maplewood, N. J.
Main Paper Stock Co., Inc., cotton waste, 81 Peck Slip, New York.
Main Street Iron Works, 163 Main, San Francisco, Cal.
Main, Thos. B., archl. engineers, Stephen Girard Bldg., Philadelphia, Pa.
Maine Electric Co., Portland, Me.
Maine, H. A., & Co., contractors, Waterloo, Ia.
Maine Iron Works, centrifugal pumps, 2036 Dominick, Chicago, Ill.
Maine, Jas., & Sons Co., contractors, Des Moines, Ia.
Maine Machine works, 701 N. Main, Los Angeles, Cal.
Maine Mfg. Co., refrigerators & cooling rooms, Nashua, N. H.
Maine & N. H. Granite Corp., North Jay, Me.
Mainstream Lumber Co., Gorham, N. H.
Maintenance Co., freight elev., 417 Canal, New York.
Mainzer, H. R., architect, 105 W. 40th, New York.
Maire Paint Co., 329 Boston block, Minneapolis, Minn.
Mairs, W. H., & Co., wall paper mfrs., 68 Sackett, Brooklyn, N. Y.
Mais Motor Truck Co., Indianapolis, Ind.
Maisey & Dion, lumber mfrs., 2349 Loomis, Chicago, Ill.
Maish, Chas. A., Co., packing pads, 1125 Bank, Cincinnati, O.
Maish Mfg. Co., mchsts. & fndrs., Warsaw, Ind.
Maitland, Robert, & Son, cornices & skylights, Clinton, Mass.
Maiwurm, Arthur B., architect, 82 W. Washington, Chicago, Ill.
Majert, Emil, Co., transfer graining paper, 9 E. 37th, New York
Majestic Co., mfrs. refuse cans, coal chutes, dumps, furnaces, etc., 610 Erie, Huntington, Ind.
Majestic Doll Co., 41 Greene, New York.
Majestic Elec. Appliance Co., arc lamps, 5 E. 14th, New York.
Majestic Electric Development Co., heaters, etc., 656H Howard, San Francisco, Cal.
Majestic Mfg. Co., mchsts. & fndrs., 2014 Morgan, St. Louis, Mo.
Majestic Milling Co., flour, Aurora, Mo.
Majestic Rubber Co., Akron, Ohio.
Major Bros. Packing Co., fertilizer mfrs., Mishawaka, Ind.
Major, Chas. M., architect, Portsmouth, Va.
Major, Howard, architect, 154 E. 61st, New York City.
Major & Loomis Co., lumber, Hertford, N. C.
Major, M. E., Elec. Co., armatures, Wilkes-Barre, Pa.
Major Mfg. Co., cements & water coolers, 461 Pearl, New York.
Major, R. H., & Co., lumber, Smithville, Mo.
Major, S. C., & Co., lumber, Memphis, Tenn.
Major-Sowers Sawmill Co., Enley, Miss.
Major Stave Co., cooperage stock, Dept. H, Monroe, La.
Make, A., Motor Truck Co., 1508 Michigan av, Chicago, Ill.
Makel, John, contractor, Camden, N. J.
Makepeace, B. L., archs. instruments, 387 Washington, Boston, Mass.
Makepeace, C. R., & Co., mill engrs., 429 Butler Exch., Providence, R. I.
Makin Heating Co., furnaces, 1827 Filbert, Phila., Pa.
Makley Bros., carriages, St. Mary's, O.
Makutchan Roller Bearing Co., see Pratt, Wm. E. Mfg. Co. (successors).
Malbin, Mayer, plumbers' supplies, jobbers, 303 E. 60th, New York.
Malbon, P. J., hdwe., 109 Commercial pl., Norfolk, Va.
Malcolm & Dyer Co., cornices & skylights, Augusta, Me.
Malcolm, J. B., & Co., canned goods, Marion, N. Y.
Malcolm, Thos., contractor, Hartford, Conn.
Malcolmson Briquet Engng. Co., Old Colony Bldg., Chicago, Ill.
Malcolmson, Higginbotham & Palmer, 404 Moffatt, Detroit, Mich.
Malcom, A. G., & Bro., lumber, Crawfordville, Ga.
Malcomb, B. H., & Bro., lumber, Fairplay, Ga.
Malden, C. C., & Mattress Co., Malden, Mass.
Malden City Lumber Co., masons' & bldrs.' matls., sash, door & blind mfrs., Malden, Mass.
Malden Knitting Mills, lamp wicks & sweaters, Malden, Mass.
Malecot, P. B., & Co., cornices, West Hoboken, N. J.
Males Co., steam shovels, 2226 Fulton av, Cincinnati, Ohio.
Maley, Hy., Lbr. Co., Jackson, Miss.
Maley & Kelly Contracting Co., Mass. Bldg., Kansas City, Mo.
Maley, R. S., masons' & bldrs.'s matls., Daytona, Fla.
Maley & Wertz, lbr. mfrs., Evansville & Vincennes, Ind.
Malin & Co., belt lacing, beaters, insulated wire, 2514 Vestry av, Cleveland, O.
Malin, S. L., & Son, lumber mfrs., Painesville, Ohio.
Malkin, A. R., & Co., contractors, Norwalk, Conn.
Malkind, Samuel L., architect, 1270 54th, Brooklyn, N. Y.
Mallander, Herman, contractor, Wilkes-Barre, Pa.
Malleable Iron Fittings Co., mchsts. & fndrs., Branford, Conn.
Malleable Iron Range Co., stove, Beaver Dam, Wis.
Malleable Iron Works, mchsts. & fndrs., New Britain, Conn.
Malleable Steel Range Mfg. Co., So. Bend, Ind.
Mallen, H. Z., & Co., furn., 346 St. Johns Court, Chicago, Ill
Mallery, S. W., reducing wheels, 123 Liberty, New York.
Mallery, W. A., Jr., agricultural implements, Hillsdale, N. Y.
Mallett Contracting & Supply Co., Walker av & Kirk, New York.
Mallett, Geo. A. Co., architect, 95 Catherine, Bridgeport, Conn.
Mallett & Nutt, fertilizer, Jackson, Ga.
Malley, Mary, brick, Haverstraw, N. Y.
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Mallinger, John, architect, 3626 N. Racine, Chicago, Ill.
Mallis, William, architect, Lyon bldg, Seattle, Wash.
Mallison Braided Cord Co., Athens, Ga.
Malloch, J. S., contractor, 110 Jessie, San Francisco, Cal.
Mallory Bros. & Turner, turpentine, Fenholloway, Fla.
Mallory, C. M., ladders, Albion, N. Y.
Mallory, T. B. Co., loggers machy., 235 Pine, Portland, Ore.
Mallory Machy. Co., 522 Light, Baltimore, Md.
Mallory Mfg. Co., shutter workers, Flemington, N. J.
Mallory, W. A., & Bro., lumber, Sylvania, Ga.
Mallow & Kadditz, contrs., Watertown, Wis.
Malloy, D. C., & Co., turpentine, Hahira, Ga.
Malloy, Smith & Co., turpentine, Hampton Springs, Fla.
Malm, C. A., & Co., trunks, 2199 Folsom, San Francisco, Cal.
Malmed, A. T. & Co., concrete & waterproofing material, Penn Square Bldg., Philadelphia, Pa.
Malmer, Eugene, architect, 97 W Park, Antioch, Ill.
Malmgren, K. G., archit., Rookery bldg, Spokane, Wash.
Malmsten, Theo. E., advtg. spec., 3517 North av, Strass Bldg., Milwaukee, Wis.
Malm & Stahl Tool Works, special machinery, 561 Washington, Chicago, Ill.
Malnati, A., & Co., granite, S Quincy, Mass.
Malnati Bros., granite, Barre, Vt.
Malone, Bernard, contractor, 163 Corey rd, Boston, Mass.
Malone Bros., carriages, Cadiz, Ky.
Malone Excelsior Co., Malone, N. Y.
Malone Hardware Co., Malone, N. Y.
Malone Oil Co., 2197 E. 18th, Cleveland, Ohio.
Malone Paper Co., Malone, N. Y.
Malone Stone Co., Union Bldg., Cleveland, Ohio.
Malone, Watson, & Sons, lumber, Laurel St. Wharf, Phila., Pa.
Maloney, J. A., & Co., lbr. mfrs. & wholesale dlrs., 16 Beaver, New York.
Maloney, John, stone producers, Skykomish, Wash.
Maloney, Michael, contractor, Springfield, Mass.
Maloney Oil & Mfg. Co., masons' & bldrs.' matls., Scranton, Pa.
Maloney, T. J., scrap iron & steel, A. V. R. R. & 29th, Phila., Pa.
Maloney Tank Mfg. Co., Tulsa, Okla.
Maloney, Wm. S., steam htg. contrs., 4632 Olive, St. Louis, Mo.
Malott & Peterson, Inc., flooring & roofing, Monadnock Bldg., San Francisco, Cal.
Malpass Bros., mchsts. & fndrs., East Jordan, Mich.
Malsby Co., mill & factory supplies, Atlanta, Ga.
Malsby Machy. Co., mill & factory supplies, Jacksonville, Fla.
Malt-Diastase Co., de-sizing agent, 79 Wall, New York.
Malta Mfg. Co., sashes, doors & blinds, Malta, Ohio.
Maltby, Geo. W., & Sons Co., contractors, 21 Maryland, Buffalo, N. Y.
Maltby Prism Co., cornices & skylights, Flatiron Bldg., New York.
Maltby, W. H., & Sons, masons' & bldrs.' matls., Corning, N. Y.
Malthiessen & Hegeler Zinc Co., spelter & zinc, La Salle, Ill.
Malvern Fire Clay Co., Malvern, O.
Malvern Lumber Co., Chemical Bldg., St. Louis, Mo.
Malz, Herman, glass stainers, 19 E. 14th, New York.
Mamer Bros., common brick, Campus, Ill.
Mammele, C. C., & Son, meat packers, Wilmington, Del.
Mammoth Spring Milling Co., Mammoth Spring, Ark.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, Ohio.
Mampoteng, Fred., architect, 103 Park av, New York.
Manahan Bros. Heating Co., Town of Union, N. J.
Manahan, Edwin F., architect, North Bergen, N. J.
Manahan Moth Paper Co., moth proof bags, 370 Pearl, New York.
Manard, Robt. P., architect, 220 Iowa, Oak Park, Ill.
Manashaw, Chas. C., fringes (silk upholstery, etc.), 131 W. 31st, New York.
Manatee Fuller's Earth Corp., 141 Broadway, New York.
Manatee Lbr. Co., Manatee, Fla.
Manayunk Coal & Lime Co., masons' & bldrs.' mtls., Main & Umbria, Philadelphia, Pa.
Manbeck, W. H., & Co., masons' & bldrs.' matls., Mifflin, Pa.
Mancha Storage Battery Locomotive Co., 1909 S. Kingshighway, St. Louis, Mo.
Manchester, Albert C., Co., contractors, 136 Dorrance, Providence, R. I.
Manchester Board & Paper Co., Richmond, Va.
Manchester, C. B., Gas Furnace Co., 60 Friendship, Providence, R. I.
Manchester & Co., tubular boilers, 3108 Smallman, Pittsburgh, Pa.
Manchester Cotton Mills, cotton sheetings, La Grange, Ga.
Manchester Cotton Mills, Manchester, Ga.
Manchester Cotton Mills, tickings, Rock Hill, S. C.
Manchester, E., & Sons, fertilizer mfrs., Winsted, Conn.
Manchester & Forbes Co., mill & factory supplies, Easthampton, Mass.
Manchester, Geo. L. Co., see Manchester & Forbes (successor).
Manchester Hardware Co., Manchester, N. H.
Manchester & Hudson Co., masons' & bldrs.' matls., 55 Point, Providence, R. I.
Manchester, J. B., Co., coppersmiths, 190 Eddy, Providence, R. I.
Manchester Mfg. Co., cedar chests, table lamps, etc., 1210H S. Vandeventer av, St. Louis, Mo.
Manchester Mfg. Co., cotton twine, Macon, Ga.
Manchester Mfg. Co., mchsts. & fndrs., North Manchester, Ind.
Manchester Mfg. Co., rims & felloes, Manchester, Tenn.
Manchester Mills, flour, Richmond, Va.
Manchester Real Estate & Mfg. Co., brick & contrs., Manchester, N. H.

Manchester Sawmills, Manchester, Ala.
Manchester Shale Brick Co., drain, tile, etc., Harrisburg, Pa.
Manchester Supply Co., plumbers, mill & factory supplies, jobbers, Manchester, N. H.
Mandalian Mfg. Co., bags, mesh, North Attleboro, Mass.
Mandel, A. J., gloves & mittens, 1220 W. 6th, Cleveland, O.
Mandel Bros., contractors, 1109 Plymouth av, Minneapolis, Minn.
Mandel Mfg. Co., talking machines, 501 Laflin, Chicago, Ill.
Mandeville Co., contractors, Wilkes-Barre, Pa.
Mandeville Mills, fertilizer, Carrollton, Ga.
Mandl, Bernard, gymnasium clothing, 212 W. Madison, Chicago, Ill.
Mandt Wagon Co., Stoughton, Wis.
Maneely, John, mill & factory & steam fitters' supplies, 300 Arch, Philadelphia, Pa.
Manegold, A. F. & L., stone, 766 Jefferson, Milwaukee, Wis.
Manegold Contr. Co., Navarre Bldg., St. Louis, Mo.
Manehan, F. T., landscape architect, 12 Fairview av, Spokane, Wash.
Manor, J. D., & Co., flour mills, New Market, Va.
Manetta Mills, blankets, flannels—cotton, Lando, S. C.
Maney Bros., contractors, Oklahoma, Okla.
Maney, M. J., wooden baskets and basket handles, Geneva, N. Y.
Maney Milling Co., flour, Omaha, Neb.
Mang, Gustavus A., architect, Erie Co. Bk. Bldg., Buffalo, N. Y.
Manganese Steel Safe Co., machsts., High Bridge, N. J.
Mangels, Wm. F., Co., miniature organs, r'ys., etc., 2863 W. 8th, Brooklyn, N. Y.
Manger, E. C., & Son Co., coffins, caskets, etc., Green Bay, Wis.
Mangin, Thos. F., architect, 332 S. Salina, Syracuse, N. Y.
Mangini, Nicholas, contractor, Yonkers, N. Y.
Mangold Stave & Cooperage Co., wooden kegs, tanks and water coolers, Weber rd & Grand av, St. Louis, Mo.
Mangrum & Otter, cooking apparatus, 561 Mission, San Francisco, Cal.
Mangrum & Otter Co., cornices & skylights, San Jose, Cal.
Mangum Cotton Oil Mill Co., Mangum, Okla.
Mangum Milling Co., flour, Mangum, Okla.
Mangum Pressed Brick Co., Mangum, Okla.
Mangus, C. B., & S. D., canned goods, Vesuvius, Va.
Manhard, M. R., & Son, mill & facty. supplies—whol. hdwe., Marquette, Mich.
Manhasset Mfg. Co., tire fabrics, Putnam, Conn.
Manhattan Auto Parts & Lamp Wks. Co., 162 W. 56th, New York.
Manhattan Bedding Co., Anable av, L. I. City, N. Y.
Manhattan Belting Co., 329 Lafayette, New York.
Manhattan Box Co., pack'g box mfrs., 410 E. 32d, New York.
Manhattan Brass Co., 332 E. 28th, New York.
Manhattan Briar Pipe Co., 425 Greenpoint av, Brooklyn, N. Y.
Manhattan Brush Mfg. Co., brooms (bamboo, rattan, etc.), 629 E. 16th, New York.
Manhattan College, engng. school & coll., 131st & B'way, New York.
Manhattan Color Wks., paint, kalsomine & size mfrs., etc., 1035 Kelly, New York,
Manhattan Constr. Co., Muskogee, Okla.
Manhattan Contracting Co., Seattle, Wash.
Manhattan Dental Co., imitation platinum, & non-fus'g platinoid, Times Bldg., New York.
Manhattan Dial Mfg., Co., 40 Lex. av, Brooklyn, N. Y.
Manhattan Distributing Corp., elec. portables, 608 S. Dearborn, Chicago, Ill.
Manhattan Drug Co., cuttlefish bone, 50 Warren, New York.
Manhattan Elec'l Supply Co., mfrs. electrical goods, 17 Park pl, New York. *See adv. index at end of book.*
Manhattan Fire Alarm Co., 44 E. 23rd, New York.
Manhattan Gas Htg. Co., stoves, htrs. & ranges, 909 7th av, New York.
Manhattan Hickory Broom Co., 171 3d av, New York.
Manhattan Iron & Steel Sales Co., 122 E. 132d, New York.
Manhattan Lime Co., 1325 37th, Brooklyn, N. Y.
Manhattan Lumber Co., 8338 Coml. av, Chicago, Ill.
Manhattan Machine & Tool Works, Grand Rapids, Mich.
Manhattan Machy. Exchange, 30 Church, New York.
Manhattan Metallic Casket Co., 2426 1st av, New York.
Manhattan Paint Co., 1348 W. 70th, Cleveland, Ohio.
Manhattan Pearl Button Mfg. Co., 195 Park pl, L. I. City, N. Y.
Manhattan Perfected Ventilator Co., 11 Baxter, New York.
Manhattan Perforated Metal Co., 237 Centre, New York.
Manhattan Repair & Supply Co., machsts., 108 Lawrence, New York.
Manhattan Roll Label Co., 31 Beekman, New York.
Manhattan Roofing Co., cornices & skylights, 133 E. 118th, New York.
Manhattan Rubber Mfg. Co., centrifugal baskets, fan blowers, etc., Passaic, N. J.
Manhattan Shoe Polish Co., 367 Hamilton av, B'klyn, N. Y.
Manhattan Soap Co., 426 W. 38th, New York.
Manhattan Spring Bed Co., 9 Elizabeth, New York.
Manhattan Straw Board Co., B'way & 42d, New York.
Manhattan Trunk Box Factory, 505 E. 18th, New York.
Manhattan Washboard Co., 323 Pearl, New York.
Manhattan Wood Nov. Co., jewelry cases, 40 Fulton, New York.
Manhattan Wood Working Co., sash, door & blind mfrs., 281 Rider av, New York
Manheim Mfg. & Belting Co., belting mfrs., Manheim, Pa.
Manheim Milling Co., flour, Manheim, Pa.
Manheimer, J., essential oils, 28 Gold, New York.
Manick Hdwe. Co., whol., 160 Lafayette, New York.
Manicure Nov. Mfg. Co., 49 E. 21st, New York.
Manierre Engng. & Mach. Co., Colby-Abbott Bldg., Milwaukee, Wis.
Manifold, J. H. C., masons' & bldrs.' matls., Dillonville, Ohio.
Manifold Supplies Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.
Manion & Co., plumbers' supplies—jobbers, 618 Baronne, New Orleans, La.
Manistee Iron Works Co., machsts. & fndrs., Manistee, Mich.
Manistique Lumbering Co., Ford Bldg., Detroit, Mich.
Manitowoc Boiler Works Co., locomotive, marine return tubular & tubular boilers, Manitowoc, Wis.
Manitowoc Bldg. Supply Co., sash, door & blind mfrs., Manitowoc, Wis.
Manitowoc Church Furniture Co., Waukesha, Wis.
Manitowoc Clay Products Co., Manitowoc, Wis.
Manitowoc Electric Implement Co., vibrators—foundry, Manitowoc, Wis.
Manitowoc Engng. Works, digestors, dryers, heavy tanks, heavy plate fabricators, Manitowoc, Wis.
Manitowoc Fdry. & Mach. Co., Manitowoc, Wis.
Manitowoc Land & Fuel Co., masons' & bldrs.' matls., Manitowoc, Wis.
Manitowoc Ship Building Co., steel ship builders, Manitowoc, Wis.
Mankato Mfg. Co., steam & hot water contrs., Mankato, Minn.
Manke, B. C., Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Mankoff, L. G., boxes, Verden, Okla.
Manley Carriage Co., 1319 N. 9th, St. Louis, Mo.
Manley, F. J., architect, Lexington, Ky.
Manley-Moore Lumber Co., Tacoma, Wash.
Manley & Sons, lumber mfrs., Bellingham, Wash.
Manley & Young, architects, Knoxville, Tenn.
Manly Jail Works, Dalton, Ga.
Mann Bros., scrap iron, Norristown, Pa.
Mann Bros. Co., linseed oil, etc., 340 Ohio, Buffalo, N. Y.
Mann, Chas. A., engine lathes, watchmakers' tools, etc., 166 Doyle av, Providence, R. I.
Mann Corp., domestic ironing machines, etc., 72 W. Adams, Chicago, Ill.
Mann Edge Tool Co, machsts, Lewistown, Pa.
Mann, F. R., & Son, plate glass, 437 St. Peter, St. Paul, Minn.
Mann, F. W., Co., agricultural implements, Milford, Mass.
Mann, Fred'k M., architect, McKnight Bldg., Minneapolis, Minn.
Mann & Garanflo Land & Lumber Co., New Madrid, Mo.
Mann & Gattling, architects, Scimitar Bldg., Memphis, Tenn.
Mann, Geo., stone producers, Columbia av & B. & O. R. R., Baltimore, Md.
Mann & Stern, architects, Little Rock, Ark.
Mann & Gerow, architects, Hutchinson, Kans.
Mann, H. D., Co., disinfectants, 124 N. Warren, Syracuse, N. Y.
Mann, Herbert R., & Co., pads & tablets, Troy, N. Y.
Mann & Hunter Lbr. Co., 834 S. Salina, Syracuse, N. Y.
Mann, Jas. H., Co., machsts., Lewiston, Pa.
Mann, Joseph, fertilizer, Stockbridge, Ga.
Mann, Lewis M., & Son, wood handles, West Paris, Me.
Mann Lbr. Co., Henderson, Mont.
Mann-McCann Co., cars, rattlers, smoke jacks, etc., 305 S. La Salle, Chicago, Ill.
Mann & MacNeille, architects, Book bldg, Detroit, Mich. & 70 E. 45th, New York.
Mann Mfg. Co., lavatories, slop sinks, etc., 17 W. Parkway, N. S., Pittsburgh, Pa.
Mann, Paul F., architect, 222 Ellicott sq, Buffalo, N. Y.
Mann & Pinault, architects, St. Cloud, Minn.
Mann, V., fringes (silk, upholstery, etc.), 484 6th av, New York.
Mann, Wm., Co., paper & pulp mills, 529 Market, Phila., Pa.
Mann, Wm. G., archit., 402 Boston Blk., Seattle, Wash.
Mann, Wm. D., architect, Ashland blk., Austin Sta., Chicago, Ill.
Mannan-Smith Supply Co., masons' & bldrs.' matls., St. Joseph, Mo.
Manne, L., Upholstering & Carpet Cleaning Co., mattresses, St. Louis, Mo.
Mannen, John E., Co., cornices, dust collectors, furnaces, etc., 2247 St. Clair, Cleveland, Ohio.
Manning Abrasive Co., Troy, N. Y.
Manning-Bowman & Co., machsts. & fdrs.—elec. cooking app., plated silver ware, etc., Pratt, Meriden, Conn.
Manning Bros., conrs., Fresno, Cal.
Manning, Chas. W., lbr. mfrs. & wholesale dlrs., 66 Broad, New York.
Manning, Harry J., architect, Majestic Bldg., Denver, Col.
Manning, Jas. C., contractor, Plainfield, N. J.
Manning, Jas. E., contractor, 26 Beacon Hill av, Lynn, Mass.
Manning, John A., Paper Co., Troy, N. Y.
Manning, L. H., Co., contractors, Tuscon, Ariz.
Manning, L. L., & Son, stone producers, Plainfield, N. J.
Manning Mfg. Co., dairy app., Rutland, Vt.
Manning, Maxwell & Moore, Inc., Putnam Machine Wks., grinders, lathes, Dept. H, Fitchburg, Mass.
Manning Oil Mill, meal, fertz. mfrs., Manning, S. C.
Manning Shingle Co., Spokane, Wash.
Manning, Warren H., landscape archt., Tremont Bldg., Boston, Mass.
Mannix Bros., stone, Portland, Me.
Mannix, Jas., contractor, 25 Gilchrist, Jersey City, N. J.
Mannix, Patrick W., granite, W. Quincy, Quincy, Mass.
Manny, Anthony, & Co., stone producers, Hankins, N. Y.
Manogue, Edw. Co., cornices, Troy, N. Y.
Manown Mfg. Co., fire brick, Oliver Bldg., Pittsburgh, Pa.
Manross, F. N., & Sons, clock hairsprings, Forestville, Conn.
Manrow Sheet Metal Works, Goshen, Ind.
Mans, Nicholas A., masons' & bldrs.' matls., Trenton, Mich.
Mansel, Jas., lumber, Williamsport, Pa.
Mansel & Metzger, lumber, Williamsport, Pa.
Mansell-Hunt-Catty & Co., paper cups, 22 Reade, New York.
Mansfield Brass Foundry, Mansfield, Ohio.
Mansfield & Co., glass signs & ceilings, 229 West, New York.
Mansfield, E., Corp., machsts. & fndrs., Orono, Me.
Mansfield Electric Hardware Co., Mansfield, Ohio.
Mansfield Engineering Co., Fletchers Trust Bldg., Indianapolis, Ind.
Mansfield Fndry. Co., grey iron castings, Mansfield, Mass.
Mansfield, Fred C., Co., canned goods, Johnson Creek, Wis.
Mansfield Furnace & Coal Co., machsts. & fndrs., Mansfield, Mass.
Mansfield, G. H., & Co., fish line, Canton, Mass.
Mansfield, Geo. W., architect, 906 Main, Richmond, Ind.
Mansfield Hardwood Lumber Co., Winnfield, La.
Mansfield, Jos. W., knitted gloves, 1527 Ridge av, Phila., Pa.
Mansfield Lock Washer Co., Mansfield, Ohio.
Mansfield Lumber Co., Mansfield, Ohio.
Mansfield Lumber & Constr. Co., Mansfield, Ga.
Mansfield Novelty Co., toys, Mansfield, Pa.
Mansfield Packing Co., canned goods, Jonesport, Me.
Mansfield Pattern Works, Mansfield, Ohio.
Mansfield Piano Co., Willow av. & E. 135th, New York
Mansfield, R., & Son, store & bar fix., Louisville, Ky.
Mansfield Sheet & Tin Plate Co. (The), Mansfield, Ohio.
Mansfield Specialty & Machine Co., Mansfield, Ohio.
Mansfield Tire & Rubber Co., Mansfield, Ohio.
Mansfield, Walter C., lbr., Menominee, Mich.
Manson-Campbell & Sons Co., incubators, 45 Federal, Detroit, Mich.
Manson Campbell & Sons Co., fanning mills, Kansas City, Mo.

Manson Co., contractors, The Arcade, Cleveland, Ohio.
Manson Hdwe. Co., Burlington, Vt.
Mansur, Wilfred E., architect, Bangor, Me.
Mansure, E. L., Co., fringes, 1601 Indiana av, Chicago, Ill.
Manteca Canning Co., Manteca, Cal.
Manteno Brick & Tile Co., Manteno, Ill.
Manter Carlton H., architect, 387 Main, Springfield, Mass.
Manternach Co., advertising counsellors, Hartford, Conn.
Manthey Mfg. Co., steel tanks, Milwaukee, Wis.
Manticoke Constr. Co., Manticoke, Pa.
Mantle & Co., machsts., 1907 Park av, New York.
Mantle Lamp Co., 609 W. Lake, Chicago, Ill.
Mantle Machy. & Patents Co., 150 Lafayette, New York.
Manton, John, tubular boilers, ft. of Court, Brooklyn, N. Y.
Manton & Smith Co., architectural iron, etc., 1709 W. Austin av, Chicago, Ill.
Mantorville Stone Co., Mantorville, Minn.
Manufactured Rubber Co., Franklin Bank Bldg., Philadelphia, Pa.
Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
Manufacturers' Broom & Brush Co., Memphis, Tenn.
Manufacturers' Brush Co., 1950 W. 114th, Cleveland, Ohio.
Manufacturers' Can Co., Harrison, N. J.
Manufacturers' Charcoal Co., Bradford, Pa.
Manufacturers' Contracting Co., Law Bldg., Wilmington, Del.
Manufacturers' Distributing Co., plumbers' supplies, 325 Penn av, Pittsburg, Pa.
Manufacturers' Equipment Co., tools, Waller av & Fillmore, Chicago, Ill.
Manufacturers' Fdry. Co., 15th & Oklahoma av, Milwaukee, Wis., & Sinking Spring, Pa., & Waterbury, Conn.
Manufacturers Furn. Co., Dept. H, Manistee, Mich.
Manufacturers' & Inventors' Elec. Co., models & experimental wk., batteries, etc., 29 Gold, New York.
Manufacturers' Iron Fdry, Bridgeport, Conn.
Manufacturers' Iron & Steel Co. See Neverslip Works (successor).
Manufacturers Mach. Prod. Co., 1320 Mt. Elliott av, Detroit, Mich.
Manufacturers' Oil & Grease Co., Century Bldg., Cleveland, O.
Manufacturers' Paraffine Co., oils, Chester, Pa.
Manufacturers' Publicity Co., advertising counsellors, 30 Church, New York.
Manufacturers Record, business publication, Baltimore, Md.
See adv index at end of book.
Mfgs. Rubber & Supply Co., mill & factory supplies, Akron, Ohio.
Manufacturers' Selling Co., mill & facty supplies, Trenton, N. J.
Manufacturers' Supplies Co., mill & facty. supplies, Juniper & Cherry, Philadelphia, Pa.
Manufacturers' Supply Co., mill & facty. supplies, 2407 Univ. av, S. E., Minneapolis, Minn., & New Bedford, Mass.
Manufacturing Equipment & Engineering Co., stock room racks, cast iron & caustic soda kettles, Framingham, Mass.
Manufacturing Jeweler, trade publication, 42 Weybosset, Providence, R. I.
Manumators Co., chains, mitre boxes, marine motors & children's vehicles, Manitowoc, Wis.
Manville Co., cotton sheeting, Board of Trade Bldg., Providence, R. I.
Manville, E. J., Machine Co., Waterbury, Conn.
Manville, J. A., pianos, Grand Rapids, Mich.
Manwell, J. W., heating contr., East Downington, Pa.
Manweiler, A. C., Co., Inc., lamps, Ft. Wayne, Ind.
Manwell, F. P., & Co., packing box dlrs., 190 A, Boston, Mass.
Manz, Jos., stone, 1609 Clark, Milwaukee, Wis.
Manzel Bros. Co., lubricators, 315 Babcock, Buffalo, N. Y.
Manzel, Chas. W., Mfg. Co., oilers, 89-93 Main, Buffalo, N. Y.
Manzelmann, Chas., brooms & brushes, 3106 Bellevue av, Detroit, Mich.
Mapes, E. B., & Co., machsts., South Haven, Mich.
Mapes Formula & Peruvian Guano Co., fertilizer mfrs., 143 Liberty, New York.
Maple City Furnace Co., Monmouth, Ill.
Maple City Glass Co., Honesdale, Pa.
Maple Flooring Mfrs. Ass'n, Stock Exchange Bldg., Chicago, Ill.
Maples Lumber Co., Knoxville, Tenn.
Maplewood Mills, absorbent cotton mfrs., Fall River, Mass.
Maplewood Planing Mill & Stair Co., sash, door & blind mfrs., 2718 Sutton av, St. Louis, Mo.
Mar, Jno. E., & Son, ship bldrs., West Haven, Conn.
Mara, P. J., contractor, Flushing, N. Y.
Marangelo, W. J., architect, 524 Hudson, West New York, N. J.
Marask, Chas., steam htg. contrs., Ozone Park, N. Y.
Marathon Granite Co., Wausau, Wis.
Marathon Lumber Co., Wausau, Wis.
Marathon Mill & Machy. Co., 38 S. Dearborn, Chicago, Ill.
Marathon Motor Car Co., machsts. & fndrs., Nashville, Tenn.
Marathon Paper Mills Co., Rothschild, Wis.
Marathon Theatre Stores Co., transformers, Wausau, Wis.
Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio.
Maravigli, John, & Co., granite, Quincy, Mass.
Marble Arms & Mfg. Co., machsts. & fndrs., Gladstone, Mich.
Marble, B. L., Chair Co., Bedford, Ohio.
Marble Card Elec. Co., dynamos, motors & generators, Gladstone, Mich.
Marble Cliff Quarries Co., Hartman Bldg., Columbus, Ohio.
Marble, E. W., & Co., tex. machy. (shuttle irons), Wilkinsonville, Mass.
Marble, J. Russell & Co., mill & facty. supplies & chemicals, Worcester, Mass.
Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.
Marble, W. A., & Co., canned goods, West Farmington, Me.
Marble, W. P., Co., valve wheels, 15 Chardon, Boston, Mass.
Marblehead Lime Co., 159 N. State, Chicago, Ill.
Marbleoid Co., tile, pipe joint compounds, cements, etc., 47 W. 34th, New York.
Marburg Bros., gas igniters, lamps, spark plugs, etc., 90 West, New York.
Marbury Lbr. Co., Wadley, Ala.
Marcellus, Geo. A., masons' & bldrs.' matls.—contr., Oneida, N. Y.
Marcellus Paper Co., Syracuse, N. Y.
March, A. H., Packing Co., meat, Bridgeport, Pa.
March-Brownbach Stove Co., Pottstown, Pa.
March-Tenny Co., drinking fountains, Muskegon, Mich.
Marchant Calculating Machine Co., calculating & computing machines, Oakland, Cal.
Marchant, Geo. F., Co., machsts., 1420 S. Rockwell, Chicago, Ill.
Marchant, Wm. T., architect, 36 Pearl, Hartford, Conn.
Marchetti, J. E., architect, 736 Main, Hartford, Conn.
Marchman, J. W., contr., Milledgeville, Ga.
March's, I. F., Sons, masons' & bldrs.' matls., Bridgeport, Pa.
Marcil & Smith, machsts., Springfield, Mass.
Marco Mills, cereals, Pine Bluff, Ark.
Marcott, O. J., & Son, lbr., Randolph, Vt.
Marcum, S. M., & Bro., flour mills, Sulphur Well, Ky.
Marcus, Bertram N., architect, 347 5th av, New York.
Marcus Bros., glass stainers, 866 N. 10th, Phila., Pa.
Marcus Bros., ground connection clamps, 135 Pearl, Boston, Mass.
Marcus, Harris & Sons Co., insulator pins & brackets, Muscoda, Wis.
Marcus, Harry, Iron Wks., 237 Van Sinderen av, B'klyn, N. Y.
Marcus, M., Bldg. Co., 2023 Reading rd. Cincinnati, Ohio.
Marcuson, E., flashlight, etc., 70 Cortland, New York.
Marcussen, Marcus, contractor, Am. National Bk. Bldg., San Francisco, Cal.
Marcy, Geo. L., architect, Dorranceton, Pa.
Marcy Stove Repairing Co., machsts. & fndrs., 340 Grove, Jersey City, N. J.
Marcy Tool Wks., Putnam, Conn.
Marden, Orth & Hastings Co., chemicals, dyes & oils mfrs., 136 Liberty, New York.
Marden, P. L., & Bro., contrs., Oshkosh, Wis.
Marean & Norton, architects, Ch. of Com. Bldg., Denver, Colo.
Marengo Canning Co., Marengo, Ind.
Marengo Foundry & Machine Co., Marengo, Ill.
Marentette, J. E., contractor, 137 W. Larned, Detroit, Mich.
Maresh, Wm., cornices, Iowa City, Ia.
Maret & Kauger, cornices, Paducah, Ky.
Marf Machine & Die Casting Co., Inc., 17 Vandewater, New York.
Margerison, W. H., & A. E. & Co., towels, Jasper & Huntington, Phila., Pa.
Margerum, H. W., cornices, Princeton, N. J.
Margon, Irving, architect, 355 E. 149th, New York.
Margraff Mfg. Co., machsts. & fndrs., Augusta, Ky.
Marianna Spoke Co., Marianna, Ark.
Marienthal Co., glue, 1709 John, Cincinnati, Ohio.
Marienthal, Oscar B., architect, 304 S, Wabash av, Chicago, Ill.
Marietta Bone & Phosphate Co., Marietta, Ohio.
Marietta Casting Co., Marietta, Pa.
Marietta Chair Co., Marietta, Ohio.
Marietta Hollow Ware & Enameling Co., machsts. & fndrs., Marietta, Pa.
Marietta Mfg. Co., glass, Indianapolis, Ind.
Marietta Paint & Color Co., Marietta, Ohio.
Marietta Stone Co., Marietta, Ohio.
Marietta Torpedo Co., Marietta, Ohio.
Marine, Arlando, stone producers, wkrs. & dlrs., 5 E. 42d, New York.
Marine Compass Co., nautical instruments, Bryantville, Mass.
Marine Cooperage Co., Mobile, Ala.
Marine Electrical Co., Lorain, Ohio.
Marine Engine & Boiler Co., Philpot & Point, Baltimore, Md.
Marine Equipt. Co., ship chandlers, Norfolk, Va.
Marine Hardware Co., Peabody, Mass. & San Pedro, Cal.
Marine Hardware Equipment Co., marine & general drop-forged hardware mfrs., S. Portland, Me.
See adv index at end of book.
Marine Hdwe. & Supply Co., Savannah, Ga.
Marine Iron & Shipbldg. Wks., Duluth, Minn.
Marine Iron Wks., machy., 2036 Dominick, Chicago, Ill.
Marine Journal Co., 17 State, New York.
Marine Mfg. & Supply Co., machsts. & fndrs., 35 Water, Pittsburgh, Pa.
Marine Mfg. & Supply Co., mill & facty. supplies—machsts. & fndrs., 158 South, New York.
Marine Metal & Supply Co., second-hand pipe, 167 South, New York.
Marine Supply Co., mill & factory supplies, Seattle, Wash.
Mariner, Frank W., contractor, Youngstown, Ohio.
Mariner & Hoskins, chemists, 111 W. Monroe, Chicago, Ill.
Marinette Boiler Works, tanks, etc., Marinette, Wis.
Marinette Flour Mill Co., Marinette, Wis.
Marinette-Green Bay Mfg. Co., excelsior, Marinette, Wis.
Marinette Iron Works, machsts. & fndrs., Marinette, Wis.
Marinette Knitting Mills, sweaters, cardigans, etc., Marinette, Wis.
Marinette & Menominee Box Co., Marinette, Wis.
Marinette & Menominee Paper Co., Marinette, Wis.
Maring, H., Const. Co., South Norwalk, Conn.
Maring, Herman, architect, South Norwalk, Conn.
Marion Brick Wks., Montezuma, Ind.
Marion Cotton Oil Co., meal, Marion, S. C.
Marion County Coal Co., Centralia, Mo.
Marion County Construction Co., 1600 S. West, Indianapolis, Ind.
Marion County Lbr. Corp., Marion, S. C.
Marion Extract Co., tanning, Marion, Va.
Marion Flint Glass Co., bottles, Marion, Ind.
Marion Fdry. & Machine Works, Marion, Va.
Marion Foundry Corp., Marion Nat'l Bank Bldg., Marion, Ind.
Marion Grey Iron Fdry. Co., Marion, Ind.
Marion Guano Co., fertilizer mfrs., Marion, S. C.
Marion Handle & Mfg. Co., farm tool handles, Marion, Ind.
Marion Hardware Co., Marion, Ind. & Ocala, Fla.
Marion Insulated Wire & Rubber Mfrg. Co., tape (ins.), Marion, Ind.
Marion Iron Works, Marion, S. C.
Marion Lbr. Co., Marion, Ind.
Marion Mach. Fdry. & Supply Co., Marion, Ind.
Marion Malleable Iron Wks., 2300 W. 9th, Marion, Ind.
Marion Mattress Co., Marion, Ind.
Marion Milling Co., flour, Marion, Ky.
Marion Paper Box Co., Marion, Ind.
Marion Paper Co., jute board, box board mfrs., Marion, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, Ohio.
Marion Stove Co., Marion, Ind.
Marion Tire & Rubber Co., Marion, Ohio.
Marion Window Glass Co., Mannington, W. Va.
Marionville Canning Co., Marionville, Mo.
Maris Bros., cranes & hoists, 56th & Gray's av, Phila., Pa.
Maritime Dredging Co., 50 E. 42d, New York.
Maritime Engng. Corp., concrete boats, 50 E. 42nd, New York.
Maritime Hdwe. Co., 75 Barclay, New York.
Maritz & Henderson, architects, Chemical bldg, St. Louis, Mo.
Mark, F. W., Constr. Co., Leader-News Bldg., Cleveland, Ohio.
Mark, Frank, Constr. Co., 2816 N. 21st, Phila., Pa.

Mark-Lally Co., plbrs. supplies, 2nd & Lehman, San Francisco, Cal.
Mark Mfg. Co., machsts. & fndrs., Evanston, Ill.
Mark & Mohl, architect'l & ornament'l iron, 3d av & 6th, Brooklyn, N. Y.
Mark & Sheftall, architects, Clark Bldg., Jacksonville, Fla.
Mar-Kay Mfg. Co., paints, 2715 S. 2d, St. Louis, Mo.
Markels, Leonard, button machy. & dies, 165 William, New York.
Markert Mfg. Co., sashes, doors, packg. boxes, etc., Syracuse, N. Y.
Markesan Canning Co., Markesan, Wis.
Market Forge Co., fndrs., Chelsea, Mass.
Market Forge Co., racks, Garvey, Everett, Mass.
Markey, Wm. T., lbr. mfrs., Saginaw, Mich.
Markham, A. G., Co., soap, Springfield, Mass.
Markham Air Rifle Co., Plymouth, Mich.
Markham, F. E., machst. & fndrs., Frankfort, Mich.
Markham, F. J., canned goods, Munford, Va.
Markham, J. W., common brick, Traverse City, Mich.
Markham, L. R., canned goods, Lithia, Va.
Markham Shingle Co., lbr., Markham, Wash.
Markland Canning Co., Markland, Ind.
Markley, G. B., Co., anthracite coal mine, Jedda, Pa.
Markle, R. B., contractor, Hearst bldg., San Francisco, Cal.
Markle Stone & Lime Co., Markle, Ind.
Markley, A. G., sash, door & blind, Georgetown, Ohio.
Markley, C., contractor, Roanoke, Va.
Markley, Geo. J., brick, Mineral City, Ohio.
Markley, H. E., architect, Empire Bldg., Pittsburgh, Pa.
Markley, R. R., architect, Patriot Bldg., Harrisburg, Pa.
Markley, Wm. D., contractor, Harrisburg, Pa.
Marko, Paul M., & Co., storage batteries, 1191 Bedford av, Brooklyn, N. Y.
Markowitz, Phillp, architect, 405 Lexington av, New York.
Marks Bros. Co., bldg. contrs., West Allis, Wis.
Marks Bros. Saddlery Co., Omaha, Neb.
Marks, H., masons' & bldrs.' matls., Sheffield, Ala.
Marks, H., Sons, scrap iron, 1045 W. 14th, Chicago, Ill.
Marks Mfg. Co., toys, 101 Albany, Boston, Mass.
Marks & Boyd, architects, Park bldg, Pittsburgh, Pa.
Marks Steel Supply Co., 10802H Quebec av, Cleveland, Ohio.
Markt & Hammacher Co., whol. hdwe., 194 West, New York.
Markt & Shaefer Co., mill & factory supplies, 193 West, New York.
Markwith, Roland I., architect, 111 5th av, New York.
Marlatt, S., insulators, Richmond, Ind.
Marlboro Cotton Mills, tire fabrics, McColl, S. C.
Marlboro Fertz. Co., Bennettsville, S. C.
Marlen Hdwe. Co., mill & factory supplies, 110 Fulton, New York.
Marley, Joseph J., architect, 2959 W. 39th, Chicago, Ill.
Marley Mill Corp. See Marley Paper Mfg. Co. (successor).
Marley Paper Mfg. Co., Childs, Md.
Marlow & Eldridge, contractors, Brockton, Mass.
Marlow, F. S., architect, 37 W. 46th, New York.
Marmac Constr. Co., 316 W. 30th, New York.
Marmet-Halm Coal & Coke Co., Union Tr. Bldg., Cincinnati, O.
Marnell, Nicholas, contractors, Syracuse, N. Y.
Marnhout, D., Basket Co., willow ware mfrs., 861 Progress, Pittsbugh, Pa.
Marnhout, Geo., willow ware mfrs., 321 So. 2nd, Phila., Pa.
Marnock, A., & Co., granite, S. Quincy, Quincy, Mass.
Maroa Mfg. Co., agricultural implements, Maroa, Ill.
Marola, Ernest, contr., Torrington, Conn.
Maroney & Hearn, machsts., Colusa, Cal.
Marpoe Mfg. & Supply Co., hack saw machines, 1946H Elston av, Chicago, Ill.
Marquarat Bros., lbr., Hot Springs, Mont.
Marquard Sash & Door Mfg. Co., 307 Canal rd, Cleveland, Ohio.
Marquardt Bros., masons' & bldrs.' matls., New London, Conn.
Marquardt, H. & Co., German-Portland cement imprts. of crude rubber, 35 S. William, New York.
Marquardt & Ormond, machsts., Rochester, Minn.
Marquette Box & Lumber Co., Marquette, Mich.
Marquette Cement Mfg. Co., 140 S. Dearborn, Chicago & La Salle, Ill.
Marquette Construction Co., 133 W. Washington, Chicago, Ill.
Marquette Mfg. Co., luggage carriers, Endicott Bldg., St. Paul, Minn.
Marquette Piano Co., 2439 Wallace, Chicago, Ill.
Marquette Univ. Coll. Applied Science & Engng., Milwaukee, Wis.
Marquiz, M., shades, 37 S. Wabash, Chicago, Ill.
Marr Bros. & Stewart Co., contractors, 319 Washington, Boston, Mass.
Marr Canning Co., Gravette, Ark.
Marr Colton Organ Co., Warsaw, N. Y.
Marr, Daniel, & Son Co., contractors, 334 Dorchester av, S. B., Boston, Mass.
Marr & Gordon, granite, Barre, Vt.
Marr & Holman, architects, Stahlman Bldg., Nashville, Tenn.
Marra, Owen, stone prod., 293 Bridge, Springfield, Mass.
Marresford, Wm. F., machsts. & fndrs., 56 Pearl, Br'klyn, N. Y.
Marrin, E. & J., Co., contractors, 520 E. 18th, New York.
Marrion & O'Leary, granite, Barre, Vt.
Marron Mfg. Co., knife switches & elec. light plants, Rock Island, Ill.
Marrs, Wm. S., cornices & skylights, Lexington, Mo.
Mars Mfg. Co., cigar & gas lighters, 102 5th av, New York.
Marsch, Louis, contr., Morrissonville, Ill.
Marsden Sewell Corp., nitric & hydrochloric acid, New York.
Marseilles Harrow Mfg. Co., Marseilles, Ill.
Marseilles Works of Deere & Co., agricultural implements, East Moline, Ill.
Marsellus, John, Casket Co., Syracuse, N. Y.
Marsh, B. F., Co., masons' & bldrs.' matls., contrs., 22 Garden, Worcester, Mass.
Marsh & Bingham Co., lumber mfrs., 80 E. Jackson Blvd., Chicago, Ill.
Marsh Bros., Co., contractors, R. F. D. 1, Bridgeport, Conn.
Marsh Bros. & Gardenier, contractors, Monadnock Bldg., San Francisco, Cal.
Marsh, Chas. W., Co., packing (leather), Muskegon, Mich.
Marsh, E. B., Bro. & Co., machsts. & fndrs., Stroudsburg, Pa.
Marsh Furn. Co., Dept. H, High Point, N. C.
Marsh, Geo. B., Inc., whol. hdwe., Nogales, Ariz.
Marsh, Geo. E., Co., soap, 393 Chestnut, Lynn, Mass.
Marsh, H. C. & Co., machsts., Rockford, Ill.
Marsh, H. D., architect, 1223 N. W. Bk. Bldg., Portland, Ore.
Marsh, Jas. P., & Co., gauges, air valves, etc., 118 S. Clinton, Chicago, Ill.
Marsh-Lee Co., fertilizer, Marshville, N. C.
Marsh & Lippincott, circuit breakers, fuses & switches, 47 Kearny, San Francisco, Cal.
Marsh Mfg. Co., oil can faucets, spouts, etc., 56 Pine, New York.
Marsh-Murdoch Co., masons' & bldrs.' matls., cor Stanton av & Melish, Cincinnati, Ohio.
Marsh & Peter, architects, 520 13th, N. W., Washington, D. C.
Marsh Refrigerator Service Co., Port Washington road, Milwaukee, Wis.
Marsh, Reginald E., architect, 101 Park av, New York.
Marsh Shipping Service, Inc., stencil, inks, brushes, paper, etc., Bellevville, Ill.
Marsh & Truman Lumber Co., 332 S. Michigan av, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Marsh, Wm. D., architect, 31 Clinton, Newark, N. J.
Marsh, Wm. J., architect, 520 13th, N. W., Washington, D. C.
Marshak & Hickey, architects, 77 Washington, Providence, R. I.
Marshall, A. H., Co., whol. hdwe., Plattsburgh, N. Y.
Marshall, A. L., contractor, Roanoke, Va.
Marshall, Barrick Co., cornices, Lyons, N. Y.
Marshall & Beglin, masons' & bldrs.' matls., Midland, Pa.
Marshall, Benj. H., architect, 721 N. Michigan, Chicago, Ill.
Martin Bros., machsts., Akron, Ohio.
Marshall Bros., masons' & bldrs.' matls., New Castle, Pa.
Marshall Bros., paper & pulp mill, Yorklyn, Del.
Martin Bros., ties, poles & posts, Manhattan Bldg., Duluth, Minn.
Marshall Bros., Co., freight elev., S. 21st, Pittsburgh, Pa.
Marshall Bros., & Co., tin plate, etc., Front & Girard av, Phila., Pa.
Marshall, C. A., brick, Cresco, Ia.
Marshall, C. P., cleanout ferrules, Rochester, N. Y.
Marshall, C. W. Const. Co., contractors, Reserve Bank Bldg., Kansas City, Mo.
Marshall Canning Co., Marshalltown, Ia.
Marshall Car Wheel & Fdry. Co., Marshall, Tex.
Marshall Castings Co., Marshall, Mich.
Marshall, Chas. O., contr., Norwich, Conn.
Marshall, D. E., Contr. & Mfg. Co., 2011 E. 10th, Kansas City, Mo.
Marshall, E. E., ferro manganese & ores, Bullitt bldg, Philadelphia, Pa.
Marshall, F. W., & Co., ferro manganese, coke & pig iron mfrs., Penn Bldg., Philadelphia, Pa.
Marshall Fertilizer Factory, Marshall, Tex.
Marshall Foundry Co., see Valley Mould & Iron Corp. (successors).
Marshall, Frank H., contr., South Portland, Me.
Marshall Furn. Co., Dept. H, Henderson, Ky.
Marshall Furnace Co., Marshall, Mich.
Marshall, Geo. B., machst., Charlottesville, Va.
Marshall, Geo. E., architect, 55 W. 39th, New York.
Marshall, Godfrey, harness, etc., Indiana, Pa.
Marshall & Huschart Machy. Co., 17 S. Jefferson, Chicago, Ill.
Marshall, J. A., contr., Berkeley, Cal.
Marshall, J. L., & J. O., canned goods, Overbrook, Del.
Marshall, Jas. G., flour mills, Gladys, Va.
Marshall, James Rush, archit., Wilkins bldg., Washington, D. C.
Marshall, Jesse, stone producer, Carrollton, Ohio.
Marshall, John & Co., sashes, doors & blinds, Apalachicola, Fla.
Marshall, L. D., canned goods, Thaxton, Va.
Marshall Mfg. Co., lbr., etc., Rome, Ga.
Marshall Mfg. Co., thermometers, Coshocton, Ohio.
Marshall Mill & Elevator Co., flour, Marshall, Tex.
Marshall Milling Co., flour, Marshall, Minn.
Marshall & Mitchell, paper & pulp mill, Wooddale, Del.
Marshall, Newell, Supp. Co., mill & facty. supp., Spear & Mission, San Francisco, Cal.
Marshall Oil Co. of Iowa, Marshalltown, Ia.
Marshall Piano Co., 1510 N. Dayton av, Chicago, Ill.
Marshall, Robert G. Letter Co., 431 S. Dearborn, Chicago, Ill.
Marshall, Son & Co., machsts. & fndrs., 226 Purchase, Boston, Mass.
Marshall & Spencer Co., masons' & bldrs.' matls., Jacksonville, Fla.
Marshall & Stearns, wall beds, San Francisco, Cal.
Marshall, Thos. F., elec. Contr., 6770 Hollywood, Los Angeles, Cal.
Marshall, Thos. H., contractor, 413 Locust, Phila., Pa.
Marshall Ventilated Mattress Co., 1454 S. Sangamon, Chicago, Ill.
Marshall Vibrator Co., massage vibrators, 141 W. 36th, New York.
Marshall, W. E., cornices, 628 Sheridan av., Detroit, Mich.
Marshall, W. F., architect, 1108 Henry, Savannah, Ga.
Marshall, Walter V., architect, P. O. Box, 1598, Missoula, Mont.
Marshall-Wells Co., whol. hdwe. & supplies, Duluth, Minn.
Marshall, Wm., tubular boilers, Dubuque, Ia.
Marshalltown Trowel Co., Marshalltown, Iowa.
Marshfield Canning Co., Marshfield, Mo.
Marshfield Mfg. Co., bee keepers' supplies, Marshfield, Wis.
Marsland, Jas., roll coverers, Lawrence, Mass.
Marstellar, S. A., architect, 215 Wood, Pittsburgh, Pa.
Marston Bros., Co., masons' & bldrs.' matls., Appleton, Wis.
Marston, I. G., & Co., washers, 226 Ruggles, Boston, Mass.
Marston, J. M. & Co., machsts. & fndrs., 226 Ruggles, Boston, Mass.
Marston, Mott M., architect, Story Bldg., Los Angeles, Cal.
Marston & Van Pelt, architects, Pasadena, Cal.
Mart & Lawton, tile imp. & floor mosaics, 1123 B'way, New York.
Martcross Co., bars, 202 N. Wabash av, Chicago, Ill.
Martel, Louis E., contractor, 102 Bridge, Manchester, N. H.
Martell Packing Co., The, metallic packings, Elyria, Ohio.
Martens Hdwe. Co., mill & facty. supps., Lancaster, Ohio.
Martens-Leary Co., carriages, Bloomington, Ill.
Martens, R., & Co., Inc., mill & facty supps., 6 Hanover, New York.
Martens & Sutherland, architect, Storm Lake, Ia.
Martens, Walter F., architect, Adams Bldg., Danville, Ill.
Marthens, Chester N., Marble Co., W. 53d & Wallace, Chicago, Ill.
Martin, A. E., Fdry. & Mach. Co., cast iron cylinders, grey iron castings & metallic packing mfrs., 705 Park, Milwaukee, Wis.
Martin, A. O., architect, Doylestown, Pa.
Martin, A. W., sash, door & blind mfr., Hartland, Vt.

Martin, Adam, stone, Phillipsburg, N. J.
Martin, Adolph (Est. of), wooden shells, Passaic, N. J.
Martin & Anson Co., bronze bars & machsts., 2226 Indiana av, Chicago, Ill.
Martin, Arch T., flour mills, Moundsville, W. Va.
Martin Automatic Fishing Reel Co., Mohawk, N. Y.
Martin Auto Specialty Co., collapsible buckets & pails, Lancaster, Ohio.
Martin, B. M., machts. & fndr., 473 B'way, New York.
Martin, B. S. D., architect, 86 Weybosset, Providence, R. I.
Martin Band Instrument Co., Elkhart, Ind.
Martin-Barriss Co., lumber,, 2048 W. 3d, Cleveland, Ohio.
Martin Brick Co., Empire Bldg., Pittsburgh, Pa.
Martin Bros., brick, Dunkirk, Ind.
Martin Bros., Co., barrels, Toledo, Ohio.
Martin, C. B., architect, Ry. Exch. Bldg., Portland, Ore.
Martin, C. F., architect, Hutchinson, Kans.
Martin, C. & Son, masons' & bldrs.' matls., Mechanicsburg, Pa.
Martin, C. W., Co., masons' & bldrs.' matls., Annapolis, Md.
Martin Carriage Works, wagon & motor Truck bldrs., York, Pa.
Martin, Clarence A., archit., Cornell University, Ithaca, N. Y.
Martin, Clarence L., architect, Claremont, N. H.
Martin & Co., stencils, 119 S. Clark, Chicago, Ill.
Martin Co., machsts. & fndrs., Sac City, Ia.
Martin Construction Co., 74 W. Washington, Chicago, Ill.
Martin Copeland Co., mfgrs. optical gds., 101 Sabin, Providence, R. I.
Martin Crate Co., Martin, Fla.
Martin, D. B., Co., fertilizer & glue mfrs., 30th & Market, Phila., Pa.
Martin D. B. Co., see Wilson Martin Co. (successors).
Martin-Dennis Co., tanner's extract, bate, grease & wax, 859 Summer av, Newark, N. J.
Martin, E. A., architect, 155 N. Clark, Chicago, Ill.
Martin, E. E., contractor, Steubenville, Ohio.
Martin, E. S., & Son Co., cornices & skylights, Eastport, Me.
Martin, Edgar, architect, 104 S. Michigan av, Chicago, Ill.
Martin, Edwin D., architect, 5 N. La Salle, Chicago, Ill.
Martin, Eugene K., architect, 2192 Shattuck av, Berkeley, Cal.
Martin Fndry. Co., Port Washington, Wis.
Martin & Freethy, architects, 141 Milk, Boston, Mass.
Martin, Glenn L., Co., aeroplane mfgrs., 16800 St. Clair, Cleveland, Ohio.
Martin Grate Co., Fisher Bldg., Chicago, Ill.
Martin, H., steam htg. contrs., 1411 E. 14th, Kansas City, Mo.
Martin, H. H. Co., landscape architects, 15 E. 40th, New York.
Martin, H. H. Lumber Co., Centralia, Wash.
Martin, H. H., Mfg. Co., fndrs., Louisville, Ky.
Martin, H. P., & Sons, portable benches & conduit benders, & vise stands & pipe benders, Owensboro, Ky.
Martin & Hall, architects, Union Trust Bldg., Providence, R. I.
Martin-Halstead Co., artificial limbs, 46 Woodward av, Detroit, Mich.
Martin Hardware Co., Mansfield, Ohio.
Martin, Hoyt & Milne, Inc., chemical imp., 465 California, San Francisco, Cal.
Martin, Hugh, archit., Title Guarantee Bldg., Birmingham, Ala.
Martin Hub Wks., Tidioute, Pa.
Martin Iron Works, 1222 E. 28th, Los Angeles, Cal.
Martin, J. B., architect, East Liverpool, Ohio.
Martin, J. B., Co., velvets, Norwich, Conn.
Martin, J. C., & Co., mill & facty. supps., San Francisco, Cal.
Martin, J. Diller, carriages, Ephrata, Pa.
Martin, J. S., Co., masons' & bldrs.' matls., Marblehead, Mass.
Martin, Jas G., machsts. & fndrs., Middletown, N. Y.
Martin, John, packing box mfrs., 1432 N. 6th, Philadelphia, Pa.
Martin, John, Lbr. Co., 217 Como av, St. Paul, Minn.
Martin, John C., Jr., architect, Dept. H, Columbus, Ga.
Martin, John Catlett, Jr., architect, Exchange Bldg., Columbus, Ga.
Martin, Jos., contractor, Trenton, N. J.
Martin, Jos., & Sons, starch mfrs., Van Buren, Me.
Martin & Kirkpatrick, architects, 130 S. 15th, Philadelphia, Pa.
Martin, L. Co., carbon & lamp black mfrs., 81 Fulton, New York.
Martin, Leason, woodenware mfrs., Richmond, N. H.
Martin, Luther E., Co., advtg. signs, 411 Equitable Bldg., Baltimore, Md.
Martin, M. P., architect, 206 S. Spring, Los Angeles, Cal.
Martin, M. R., agricultural implements, St. Louis, Park, Minn.
Martin Mach. Co., marking mach. mfrs., Turner, Mass.
Martin, Malcolm S., architect, Hannibal, Mo.
Martin Mfg. Co. See Auto Specialty Co. (successors).
Martin & Martin, shoe blacking, 3005 Carroll, Chicago, Ill.
Martin Metal Mfg. Co., Wichita, Kans.
Martin, O. J., flour, Siloam, N. C.
Martin, P. J., elec. illuminated signs, 229 W. 42nd, New York.
Martin Pulp & Paper Co., Norwood, N. Y.
Martin, R. H., Co., asbestos miners, 220 B'way, New York.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, Mass.
Martin, S. B., bdwe. mfrs.—door hangers, Dalton, Ohio.
Martin, Sam'l, Co., beetle, post, etc., rings, 81 Adams, Brooklyn, N. Y.
Martin-Senour Co., paints & varnishes, 2520 Quarry, Chicago, Ill.
Martin Steel Products Co., corn cribs, grain bins, portable garages, etc., Mansfield, Ohio.
Martin Stove & Range Co., Florence, Ala.
Martin & Strickland, masons' & bldrs.' matls., Plain City, Ohio.
Martin, T. J., Co., contrs., Terre Haute, Ind.
Martin-Taylor & Co., lbr. mfrs., Mobile, Ala.
Martin, Thom., tent contr., 304 Canal, New York.
Martin, Thos. F., plbrs. supps., Boston, Mass.
Martin Tram Co., lumber, Lake Charles, La.
Martin & Van Owen, common brick, Naperville, Ill.
Martin Vibroplex & Mecograph Co., 253 B'way, New York.
Martin, W. B., stone producers, Rockville, Conn.
Martin, W. H., mattresses, Sioux Falls, S. D.
Martin, W. T., Hardware Co., Charlottesville, Va.
Martin & Ward, architects, Greenville, S. C.
Martin, Wm., contractor, 110 Jessie, San Francisco, Cal.
Martin, Wm. A., machst., Hopewell Junction, N. Y.
Martin Wm. A. & Co. See North Carolina Naval Stores (successors).
Martin, Wm. E., Co., contractors, Troy, N. Y.
Martin, Wm. F., hide & lthr. finishing machs., Salem, Mass.
Martin, William. & Son, contrs., 164 State, Bridgeport, Conn.
Martin & Bechtold, Inc., lithographing stones, 32 Greene, New York.
Martina Mosaics Co., 132 E. Pearl, Cincinnati, Ohio.
Marting Iron & Steel Co., Ironton, Ohio.
Martini, E. A., architect, 155 N. Clark, Chicago, Ill.
Martin's, E. J., Sons, fish line mfrs., Rockville, Conn.
Martinson Estate Co., granite, Barre, Vt.
Martinsville Brick Co., Martinsville, Ind.
Martinsville Construction Co., Martinsville, Ind.
Martinsville Cotton Mills Co., cotton sheetings, Martinsville, Va.
Martsolf, Geo. W., masons' & bldrs.' matls., New Brighton, Pa.
Martucci, R., contractor, 1603 E. Main, Bridgeport, Conn.
Marty, F., & Co., wax tapers, Syracuse, N. Y.
Marty Fdry. Co., Meridian, Miss.
Martz Bros., brick, Shelbyville, Ill.
Marvel Carburetor Co., Flint, Mich.
Marvel Co., spray syringes, 25 W. 45th, New York.
Marvel Furn. Co., Dept. H, Jamestown, N. Y.
Marvel Machy. Co., re-boring machines, Minneapolis, Minn.
Marvel, T. S., Shipbuilding Co., machsts. & fndrs., Newburgh, N. Y.
Marvell, E. I., architect, 57 N. Main, Fall River, Mass.
Marvil Package Co., fruit & veg. baskets, Laurel, Del.
Marvin & Casler Co., machsts., Canastota, N. Y.
Marvin, D. E., machinist, Findlay, Ohio.
Marvin & Davis, architects, 303 5th av, New York.
Marvin Elec. Drill Co., Binghamton, N. Y.
Marvin Mfg. Co. (Ltd.), lubricating oils & greases, Franklin, Pa.
Marvin, W. B., Mfg. Co., telephones, Urbana, Ohio.
Marvindale Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Marwedel, C. W., machsts.' tools & supplies, 76 1st, San Francisco, Cal.
Marx, Alphonse, & Sons, scrap iron, 1645 Tchoupitoulas, New Orleans, La.
Marx Hide & Tallow Co., Louisville, Ky.
Marx, Jno., paint mfr., Hoboken, N. J.
Marx, M. F., Mfg. Co., dog biscuits, Louisville, Ky.
Marx, Max Color & Chemical Co., Irvington, N. J.
Max, Raymond, architect, 52 Vanderbilt av, New York.
Marx, S. C. Co., mill & steamfitters supps., 76 Dey, New York.
Marx, Samuel A., archit., 175 W. Jackson blvd, Chicago, Ill.
Marx, Wm. F., architect, Emporia, Kans.
Marx-Winkler Co., machsts., 473 Washington, Newark, N. J.
Marx Zero Sign Wks., 126 N. Peoria, Ill.
Mary Ann Lbr. Co., Athens, La.
Mary, Leila, Cotton Mill, Greensboro, Ga.
Marye, P. T., architect, Walton Bldg., Atlanta, Ga.
Maryland Auto-Products Corp., mandrels, valves, Hagerstown, Md.
Maryland Belting & Packing Co., 1626 Bank, Baltimore, Md.
Maryland Bolt & Forge Co., Mt. Washington, Baltimore, Md.
Maryland Brass & Metal Wks., fndrs., Calvert & Federal, Baltimore, Md.
Maryland Brick & Supply Co., masons' & bldrs.' matls., Frederick, Md.
Maryland Car Wheel Wks., Curtis Bay, Baltimore, Md.
Maryland Casualty Co., insurance, Balto. & Guilford, Baltimore, Md.
Maryland Coal Co. of W. Va., 1 Broadway, New York.
Maryland Coal Co. of Penna., Comm. Tr. bldg., Philadelphia, Pa.
Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.
Maryland Culvert & Metal Co., Munsey bldg., Baltimore, Md.
Maryland Dredging & Contracting Co., Fidelity Bldg., Balto., Md.
Maryland Equipment & Supply Co., contrs. tools & machy. dlrs., Equitable Bldg., Baltimore, Md.
Maryland Glass Corp., Mt. Winans, Md.
Maryland Granite Co., Guilford, Md.
Maryland Lime & Cement Co., masons' & bldrs.' supplies, 443 S. Central av, Baltimore, Md.
Maryland Metal Products Co., pressed steel spec., Hagerstown Md.
Maryland Mfg. Co., steam jacketed, 1915 Ashland av, Baltimore, Md.
Maryland Metal Cross Tile Co., 901 Munsey Bldg., Baltimore, Md.
Maryland Meter Works, meter mfrs., North & Saratoga, Baltimore, Md.
Maryland Mould & Fndry. Co., Cumberland, Md.
Maryland Pressed Steel Co., see Maryland Metal Products Co. (successor).
Maryland Wood Products Co., acetate of lime, wood alchol, etc., Bradford, Pa.
Marysville Cabinet Co., Marysville, Ohio.
Marzillier & Chromaster, architects, 144 Oneida, Milwaukee, Wis.
Masbach Hardware Co., 84 Warren, New York.
Mascetti & Holley, contrs., Torrington, Conn.
Mascheroni, Jos., furniture & wood carving, 2172 Clybourne av, Chicago, Ill.
Maschmeier-Schaefering Carriage & Wagon Co., 2000 N. 15th, St. Louis, Mo.
Mascot Stove Mfg. Co., Chattanooga, Tenn.
Masem, Nicholas, & Co., contractors, 369 Troutman, B'klyn, N. Y.
Mashburn, W. E., Co., contractors, Atlanta, Ga.
Mashek Chemical & Iron Co., Wells, Mich.
Mashek Engin'g Co., ore contr., plants & machy., 90 West, New York.
Mashell Paint Co., Tacoma, Wash.
Maske & Matzke, contractors, Rochester, Minn.
Maskell, J. H., Machine & Mfg. Co., 1419 E. 40th, Cleveland, O.
Masi Bros., contractors, 1246 Grotto, Pittsburgh, Pa.
Masinda, Wm., pearl buttons, West Willington, Conn.
Mason, A. G., Mfg. Co., machy., St. Clair & E. 79th, Cleve., O.
Mason, A., & Sons, brush blocks & lbr., Peru, N. Y.
Mason Box Co., Attleboro Falls, Mass.
Mason Brush Works, foundry & mill brushes, Worcester, Mass.
Mason Canning Co., 3d & Walnut, Cincinnati, Ohio.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, brick, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Mason City Supply Co., plumbers' supplies—jobbers, Mason City, Ia.
Mason County Fruit Growers' Assn., canned, Shelton, Wash.
Mason, D. E., butter tubs, Fulton, N. Y.
Mason, Davis & Co., machsts. & fndrs., 7740 S. Chicago av, Chicago, Ill.
Mason Distilling Co., Sausalito, Cal.
Mason-Donaldson Lumber Co., flooring—maple, Rhinelander, Wis.
Mason, Eugene W., Jr., architect, 52 Vanderbilt av, New York.

Mason, F. C., & Co., agricultural implements, St. Johns, Mich.
Mason Fence Co., Leesburg, Ohio.
Mason, Fenwick & Lawrence, patent attorneys, 600 F, N. W., Washington, D. C. *See adv index at end of book.*
Mason, Geo. C., architect, Ardmore, Pa.
Mason, Geo. D. & Co., architects, 80 Griswold, Detroit, Mich.
Mason, H. R., brick & tile, Monroeville, Ohio.
Mason & Hamlin Co., organs, 492 Boylston, Boston, Mass.
Mason & Hanger Co., contractors, 52 Vanderbilt av, New York.
Mason, Harold E., architect, Keene, N. H.
Mason, Hilton, & Co., contractors, 120 Liberty, New York.
Mason, J., contractor, Newport, R. I.
Mason, J. S., & Sons, cotton webbing, Westboro, Mass.
Mason, Jas. S., Co., shoe blacking, 136 N. Front, Phila., Pa.
Mason Jar Glass Cap Co., fruit jars, Anderson, Ind.
Mason, Joseph, architect, Jamestown, N. Y.
Mason Machine Wks., textile machy., Taunton, Mass.
Mason Mfg. Co., churns, Canton, Ohio.
Mason Mfg. Co., tin cans, 156 S. Water, Providence, R. I.
Mason, Marcus, & Co., Inc., coffee machy., 201 Devonshire, Boston, Mass.
Mason & Moore, machsts. & fndrs., 30 E. 4th, New York.
Mason & O'Connell, masons' & bldrs.' matls., Fort Dodge, Ia.
Mason & Parker Mfg. Co., toys, games & nov., Winchendon, Mass.
Mason-Perkins Paper Co., Bristol, N. H.
Mason, Randolph B., contractor, 308 W. Madison, Balto., Md.
Mason Regulator Co., reducing valves & pressure regulators; also regulating devices for use on steam, water air & gas mfrs., 1192 Adams, Boston, Mass.
Mason, Roy S., architect, Provident bldg, Tacoma, Wash.
Mason Silk Mills, Paterson, N. J.
Mason & Snowdon Lumber Co., Scranton, Pa.
Mason Tire & Rubber Co., Kent, Ohio.
Mason, Volney W., & Co., freight elevators, hand hoist & friction pulleys, 2 Lafayette, Providence, R. I.
Mason, W. L., & Co., steel pens, Keene, N. H.
Mason, W. N., lbr., South Tamworth, N. H.
Mason, Wm. E., steam & hot water htg. contr., 416 E. 161st, New York.
Mason, Wm. R., stone prodrs., 1601 W. Marshall, Richmond, Va.
Masonry Waterproofing Co., 307 Herkimer, Brooklyn, N. Y.
Mason's Supply Co., Easton, Pa.
Masontown Glass Co., Masontown, Pa.
Masow & Morrison, contrs., Monadnock Bldg., San Fran., Cal.
Massa, Geo., dumbwaiter mfrs., 245 S. 6th, Philadelphia, Pa.
Mass. Agricultural Coll., Amherst, Mass.
Mass. Blower Co., fans, air washers, heating apparatus, & mechanical draft, Watertown, Mass.
Mass. Commission for the Blind, brooms, Cambridge, Mass.
Mass. Cotton Mills, Exchange Bldg., Boston, Mass.
Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.
Massachusetts Elec. Co., switches, Worcester, Mass.
Mass. Elec. Mfg. Co., magnet wire, Lynn, Mass.
Mass. Institute of Technology, engng. school & coll., 491 Boylston, Cambridge, Mass.
Mass. Lime & Cement Co., masons' & bldrs.' matls., Cambridge, Mass.
Mass. Mach. Co., Boston, Mass.
Mass. Machine Shop, Inc., steel, brass & copper washers, also sheet metal stampings, 817 Albany, Boston, Mass. *See adv index at end of book.*
Mass. Mohair Plush Co., 200 Devonshire, Boston, Mass.
Mass. Saw Wks. See Victor Saw Works (successor).
Mass. Wholesale Hdwe. Corp., 50H Ceylon, Dorchester, Mass.
Massarine, Wm. G., architect, 15 E. 40th, New York.
Massasoit Mfg. Co., mops, Fall River, Mass.
Massee & Felton Lumber Co., Macon, Ga.
Masseth Packer & Mach. Co., machinists, Butler, Pa.
Massey Concrete Products Co., fence posts, etc., H Peoples' Gas Bldg., Chicago, Ill.
Massey, Geo. W., masons' & bldrs.' matls., Lambertville, N. J.
Massey Gin & Machine Works, Macon, Ga.
Massey, H. C., & Bro., flour, Alphaba, Miss.
Massey Hardware Co., Wichita, Kans.
Massey-Harris Harvester Co., Inc., Batavia, N. Y.
Massey Iron Co., see Massey Hardware Co. (successors).
Massey Mach. Co., Watertown, N. Y.
Massey Vise Co., 35 S. Desplaines, Chicago, Ill.
Massie & Morrison Lumber Co., Lynchburg, Va.
Massillon Aluminum Co., Massillon, Ohio.
Massillon Brick Co., Massillon, Ohio.
Massillon Bridge & Structural Co., Massillon, Ohio.
Massillon-Cleveland-Akron Sign Co., advtg. novelties, Massillon, Ohio.
Massillon Foundry & Machine Co., drop & steam hammers, etc., Massillon, Ohio.
Massillon Paper Co., Massillon, Ohio.
Massillon Rolling Mill Co., Massillon, Ohio.
Massillon Rubber Co., Massillon, Ohio.
Massillon Sand & Stone Co., Massillon, Ohio.
Massillon Steel Casting Co., Massillon, Ohio.
Massillon Stone & Fire Brick Co., Massillon, Ohio.
Massillon Wire Basket Co., Massillon, Ohio.
Massino, J., Mfg. Co., elec. & gas light fixtures, 1371 Holton, Milwaukee, Wis.
Mast, Emanuel, contr., Zanesville, Ohio.
Mast, Foos & Co., pumps, windmills, agricultural implements, etc., Springfield, Ohio.
Mast, J. W. W., whol. hdwe., Little Rock, Ark.
Mast Lightning Rod Co., West Milton, Ohio.
Masten, C. F., architect, 68 Post, San Francisco, Cal.
Masten, G. H., Co., Inc., life saving appliances, 222 E. 46th, New York.
Master Builders Co., concrete hardness, Cleveland, Ohio.
Master Carburetor Corp., machsts. & brass composition fndrs., Detroit, Mich.
Master Cutter Mach. Co., meat choppers & slivers, North av, Oakley, Cincinnati, Ohio.
Master Electric Co., motors, 460 Bacon, Dayton, O.
Master Electric Co., violet ray apparatus, 111 S. Jefferson, Chicago, Ill.
Master Mach. Wks., dlrs., 110 W. 40th, New York.
Master Plumbers' Specialty Co., 21 E. Fort, Detroit, Mich.
Master Rule Mfg. Co., Inc., folding & slide rules, 841 E. 136th, New York.
Master Sheet Metal Workers' Journal, trade publications, 261 S. 4th, Phila., Pa.
Master Tire & Rubber Co., Dayton, Ohio.
Master Tractor Co., Minneapolis, Minn.
Master Trucks, Inc., auto bldrs., 3132 S. Wabash av, Chicago, Ill.
Masters, H. B., Co., steam fitters, Ocala, Fla.
Masters, J. H., & Son, masons' & mldrs.' matls., Brookville, Ind.
Masters & Mullen Constr. Co., Electric Bldg., Cleveland, Ohio.
Masters Planters Co., 229 N. State, Chicago, Ill.
Masters, R. T., cornices & skylights, Charleston, S. C.
Masterson Bros., wooden shoe lasts, Brockton, Mass.
Masterton, Albert E., cornices, 9108 Baltimore av, Chicago, Ill.
Mastrengela, M. J., architect, 2 North sq, Boston, Mass.
Mastrocola, Nickolas, architect, Railroad av, Brooklyn, N. Y.
Mastropasqua, Louis, architect, 580 Washington, San Fran., Cal.
Masury, John W., & Son, paints, 50 Jay, Brooklyn, N. Y., & 5016 20th, N. W., Seattle, Wash.
Masury-Young Co., sweeping compds., disinfectants, 196 Milk, Boston, Mass.
Matador Tire & Vulc. Co., spark plugs, 1400 Michigan av, Chicago, Ill.
Matawan Steel & Iron Co., Matawan, N. J.
Matawan Tile Co., Matawan, N. J.
Matchett, W. W., architect, Alliance, Ohio.
Matchless Brass Mfg. Co., burners, lamps, etc., 57 Jay, Brooklyn, N. Y.
Matchless Metal Polish Co., buff'g compositions, 151 Varick, New York.
Mateer, F. W., & Co., machsts, 222 W. Ontario, Chicago, Ill.
Materne, John P., Mfg. Co., machsts. & fndrs., steam fitters' supplies, 18th & Gratiot, St. Louis, Mo.
Matheis Hdwe. Co., cornices, Springfield, Ill.
Matheny, C. A., architect, Sharon, Pa.
Mather Bros., Co., masons' & bldrs.' matls., Richmond, Ind.
Mather, E., Co., plumbers' supplies, jobbers, Harrisburg, Pa.
Mather, Harry W. architect, South Norwalk, Conn.
Mather, S. W., coffins, caskets, etc., 3227 W. 25th, Cleveland, O.
Mather, S. W. Auto Co., Cleveland, O.
Mather, S. W., & Sons, contractors, Trenton, N. J.
Mather Spring Co., Toledo, O.
Mather, W. H. H., vises, kettles—machsts. & fndrs., 105th & Quebec av, Cleveland, Ohio.
Mathers, D. C., brick, Chelan, Wash.
Mathers Stone Co. (of Chicago), Bloomington, Ind.
Mathesius, F., Jr., architect, 320 5th av, New York.
Matheson & Atkinson, chemicals, dyes, etc., 354 4th av, New York.
Matheson, J. D., & Sons, fertilizer, Hartwell, Ga.
Matheson Lead Co., 569 Vernon av, Long Island City, N. Y.
Matheson, W. A., & Co., mill & facty. supplies, Toccoa, Ga.
Mathews & Boucher, whol. hdwe., 26 Exchange, Rochester, N. Y.
Mathews Bros., sash, door & blind mfrs., Belfast, Me.
Mathews Co., boats, Port Clinton, Ohio.
Mathews Construction Co., Sacramento, Cal.
Mathews, Edgar A., architect, Call bldg, San Fransisco, Cal.
Mathews Elec. Supply Co., whol., Birmingham, Ala.
Mathews, F. E., architect, Rochester, Pa.
Mathews, F. I., machst., Oakland, Cal.
Mathews Gravity Carrier Co., machsts., Ellwood City, Pa.
Mathews, Hugh, machst., Kansas City, Mo.
Mathews, Jas., masons' & bldrs.' matls.—contr., Evanston, Ill.
Mathews, John E., archit., 1889 Washington av, New York.
Mathews, L. J., machsts. & fndrs., Milford, Del.
Mathews, W. J., architect, 969 B'way, Oakland, Cal.
Mathewson, E., architect, Corv Bldg., Fresno, Cal.
Matthewson, Wm., contr., Pontiac, Ill.
Mathias-Hart Co., strain insulators, 516 Atlantic av, Boston, Mass.
Mathias, P. S. & Co., flour mills, Mathias, W. Va.
Mathiason, P. B., Mfg. Co., fertilizer & glue mfrs., 5310 N. 2d, St. Louis, Mo.
Mathieson Alkali Wks., 25 W. 43rd, New York.
Mathieson, Thos P., corn brooms, 2042 Warren av, Chicago, Ill.
Mathis Bros Co., fans & blowers, S. W. corner Archer av & Canal, Chicago, Ill.
Mathis, Hiram, contractor, Atlantic City, N. J.
Mathis, J. Vaughan, architect, Atlantic City, N. J.
Mathis, John H., Co., machsts. & fndrs.—ship bldrs., Camden, N. J.
Mathis Yacht Building Co., motor boat bldrs., Camden, N. J.
Mathushek Piano Mfg. Co., New Haven, Conn.
Mathushek & Son Piano Co., 37 W. 37th, New York.
Mathy Co., cornices, 1918 Pa. av, N. W., Washington, D. C.
Matisse, C., & A., auto lamp lenses, 551 E. 11*th, New York.
Matlack Coal &Iron Corp., 52 Vanderbilt av, New York.
Matson Mach. Co., geared pumps, grinders—reamer & cutter, Concord, N. H.
Matsui Yasuo, architect, 175 5th av, New York.
Matt, F., & Co., carriage top dressing, 491 Washington, Newark, N. J.
Mattatuck Mfg. Co., brass & wire goods mfrs., Waterbury, Conn.
Mattawamkeag Lbr. Co., Island Falls, Me.
Matteson Paint Co., Cape Girardeau, Mo.
Matteson, Victor Andree, architect, 944 Leland av, Chicago, Ill.
Mattheisz Bros., mill & facty. supps., 1222 Hull, Balto., Md.
Matthes Bros., masons' & bldrs.' matls.—contr., Adrian, Mich.
Matthes, C. P. & Son, contractors, Adrian, Mich.
Matthews Bros. Co., stone, Bloomington, Ind.
Matthews Bros. Furn. Co., Dept. H, Milwaukee, Wis.
Matthews Bros. Mfg. Co., cabinet makers, 61 4th, Milwaukee, Wis.
Matthews, C. E. Lumber Co., Kansas City, Mo.
Matthews Co., motor boat bldrs., Port Clinton, Ohio.
Matthews Constr. Co., Princeton, N. J.
Matthews Constr. Co., 103 Park av, New York.
Matthews, Dudley, architect, Winter, Fla.
Matthews Engineering Co., electric lgt. plants, Sandusky, Ohio.
Matthews Gas Mach. Co., 180 N. Dearborn, Chicago, Ill.
Matthews, Geo. T., & Co., lubrg. oils, mill & facty. supplies, 20 S. Main, St. Louis, Mo.
Matthews, H. A., Mfg. Co. (The), sheet metal stamping, drawing, etc., Seymour, Conn.
Matthews, Harry L., contractor, Richmond, Va.
Matthews, James H., & Co., wood sign materials, pattern letters & figures, 3942 Forbes, Pittsburgh, Pa.
Mathews, John L., architect, 320 E. Kingsbridge rd, New York.
Matthews, L. F., architect, Lima, O.
Matthews, Lewis E., cornices, McKeesport, Pa.
Matthews Lbr. & Mfg. Co., Sikeston, Mo.
Matthews Mfg. Co., sheet metal stampings, 104 Gold, Worcester, Mass.
Matthews, Northrup Wks., maps, 177 Washington, Buffalo, N. Y.

Matthews, S. A., architect, Stuart, Fla.
Matthews Ship Bldg. Co., Hoquian, Wash.
Matthews, T. E., & Bro., machsts. & fndrs., Martinsburg, W. Va.
Matthews, Thos. & Son, lbr. mfrs., Clare, Baltimore, Md.
Matthews, W. Edw., architects, 721 Olive, St. Louis, Mo.
Matthews & Willard Mfg. Co., mchsts. & fdrs., Waterbury, Conn.
Matthews, W. N., & Bro., inc., boltless clamps, 2922 Easton av, St. Louis, Mo.
Matthewson, Fred G., masons' & bldrs.' matls., Flint, Mich.
Matthias, Russell J., Co., who. lumber, 30 N. La Salle, Chicago, Ill.
Matthiessen & Hegeler Zinc Co., spelter & zinc., La Salle, Ill.
Mattiela, Michael, contr., New Canaan, Conn.
Mattingly, Jno. G., cornices, La Grange, Ill.
Mattison, A. S., contractor, Youngstown, Ohio.
Mattison, C., Machine Works, wood turning machy., Rockford, Ill.
Mattison, Geo., lumber mfrs., Barkersville, N. Y.
Mattson & Anderson, lumber, Bellingham, Wash.
Mattson Rubber Co., mechanical & plumbers' rubber goods, Lodi, N. J.
Matuskowitz, Jos., & Sons, contractors, Hazleton, Pa.
Matzinger, Paul, architect, Caxton Bldg., Cleveland, Ohio.
Matzke, Otto A., stone, Richmond, Va.
Matzke, Morris, plbrs. supps., 424 Broome, New York.
Mau, Chas., architect, Macdonough Bldg., Oakland, Cal.
Mau-Sherwood Supply Co., mill & facty. supplies, 1616 W. 3d, Cleveland, O.
Mauch Chunk Iron Wks., machsts. & fndrs., Mauch Chunk, Pa.
Maud Canning Co., Maud, Ohio.
Maud S. Windmill & Pump Co., steel tanks, Lansing, Mich.
Mauer-Knoblock-Simank, architects, Beaumont, Tex.
Maul, G. F., sash, door & blind mfrs., 780 E. 18th, Newark, N. J.
Maul, Walter David, archit., Whitney Bldg., Detroit, Mich.
Maulsby, A. R., coffins, caskets, etc., Everett, Wash.
Maumee Malleable Castings Co., Toledo, Ohio.
Maupin, Jas. M., architect, Commercial Bldg., Alton, Ill.
Mauran, John Lawrence, archit., Monadnock, N. H.
Maurepas Milling Co., lumber, New Orleans, La.
Maurer, Ed., Co., crude rubber & varnish gums, 80 Maiden Lane, New York.
Maurer, Harry, architect, 234 N. 5th, Reading, Pa.
Maurer, Henry C., architect, 302 W. Water, Milwaukee, Wis.
Maurer, Henry, & Son, brick, 420 E. 23d, New York.
Maurer, John, machst., 344 Center, Salem, Ore.
Maurer, Wm., architect, 2426 Augusta, Chicago, Ill.
Maurer, Wm., & Co., machsts., South Bend, Ind.
Mauro, Vincent, contractor, 203 Federal, Providence, R. I.
Maus, C. W., contractor, St. Elmo, Ill.
Maus, Geo. H., fishing poles, Amsterdam, N. Y.
Mauser Mill Co., flour, Laury's Station, Pa.
Maute, J., & Sons, machinists, 23 Kane, Buffalo, N. Y.
Mauterstock, Albert, contractor, Kingston, N. Y.
Mavor, Wm., Co., contractors, 72 W. Adams, Chicago, Ill.
Mawhinney Last Co., wooden shoe lasts, Brockton, Mass.
Mawson, Jno., Haircloth Co., Venango E. of Kensington, Phila. Pa.
Max, Lewis, glass, 52 Green, Jersey City, N. J.
Max Mach. Co., boiler cleaners, valves, etc. Clinton, Mass.
Max & Rawolle, shellac & glycerine, 100 William, New York.
Maxam, L. L., lumber mfr., Chestertown, N. Y.
Maxant Button & Supply Co., 118 S. Clinton, Chicago, Ill.
Maxeys Mfg. Co., fertilizer mfgrs., Maxeys, Ga.
Maxf Grinding Wheel Corp., Chester, Mass.
Maxfer Truck & Tractor Co., Harvery, Ill.
Maxi Co., carburetors, 114 W. 30th, New York.
Maxim Constr. Co., 36 W. 57th, New York.
Maxim Motor Co., Middleboro, Mass.
Maxim Munitions Corp., aerial torpedoes & aeroplane guns automobiles, Equitable Bldg., New York.
Maxim Silencer Co., Hartford, Conn.
Maximotor Makers, 1526 Jefferson av, E. Detroit, Mich.
Maxon & Co., contrs., 745 Lyon, Los Angeles, Cal.
Maxon Furnace & Engng. Co., gas burners, Muncie, Ind.
Maxon-Miller Jack Co., automobile, Huntington, W. Va.
Maxon Premix Burner Co., see Maxon Furnace & Engng. Co., (successors).
Maxson, E. C., & Son, masons' & bldrs.' matls., Adams Center, N. Y.
Maxson, Ira, brick, Grove City, Ohio.
Maxson & Starin, masons' & bldrs.' matls., Cortland, N. Y.
Maxton Casket Co., Maxton, N. C.
Maxwell Filing System Co., register account, Cleveland, Ohio.
Maxwell Hdwe. Co., Oakland, Cal.
Maxwell, Jno., & Son, stone prod., 112 Winchester av, New Haven, Conn.
Maxwell Motor Co., 2648 Jefferson, Detroit, Mich.
Maxwell-Rolf Stone Co., Williamson Bldg., Cleveland, Ohio.
Maxwell Steel Vault Co., Oneida, N. Y.
Maxwell, Wymer W., architect, Urbana, Ill.
Maxwell's, John, animal cages, 259 Pearl, New York.
Maxwell's, Jno., Sons, stone producers, 30th below Spruce, Phila., Pa.
May Bros., common brick, Lafayette, Ind.
May Bros., lbr., Memphis, Tenn.
May Bros., machsts. & fndrs., Galesburg, Ill.
May, Chas. C., architect, 15 E. 40th, New York.
May, Chas. F., architect, 408 Olive, St. Louis, Mo.
May Creek Shingle Co., Renton, Wash.
May, Edward C., architect, du Pont Bldg., Wilmington, Del.
May, F. P., Hdwe. Co., 460 C, N. W., Washington, D. C.
May Furn. Co., Dept. H, Dayton, Ohio.
May, H. A., Foundry Co., 61st & Eastwick, Philadelphia, Pa.
May, H., & Co., canned goods, Egg Harbor City, N. J.
May Hardware Co., 124 Front, Portland, Ore.
May, Howard, architect, Calvert Bldg., Baltimore, Md.
May, Jacob, architect'l & ornament'l iron, 850 De Kalb av, Brooklyn, N. Y.
May, M. W., Co., soap, 104 E. 126th, New York.
May Supply Co., mill & facty., steam fitters', plumbers' supplies, Anderson, Ind.
May, Sylvester, light fixture mfrs., 98 Schermerhorn, Brooklyn, N. Y.
May, Wm., machst. & fndr., Bremen, Ind.
May, Wm. H., & Son, agricultural implements, Alexandria, Va.
May, Wm. M., Co., cornices & skylights, 537 W. 54th, New York.
May & Grimwood, Inc., contrs., Haas bldg, Los Angeles, Cal.
Mayaer, Albert A., contractor, 2128 Fillmore av, Buffalo, N. Y.
Mayall, Lewis A., & Son, machsts, 748 S. Samson, Phila., Pa.

Maybeck, Howard & White, architects, Lick Bldg., San Francisco, Cal.
Mayben & Freuchtel, contrs., Goldsden, Ala.
Mayberger, Edw. F., cornices & skylights, 1 Hubert, Boston, Mass.
Mayberry, C. B., & Son, flour mills, Sparta, Tenn.
Mayberry, Edw. L., architect, Pac. Elec. bldg, Los Angeles, Cal.
Maybro Co., phonographs, bicycles, grist mills, 80 Exchange, Binghamton, N. Y.
Mayclim & Duncan, contractors, 621 S. Dearborn, Chicago, Ill.
Mayd-Well Brush Co., Troy, N. Y.
Maydole, David Hammer Co., Norwich, N. Y.
Mayer, Bez Stone Co., East Orange, N. J.
Mayer Bros., machsts. & fndrs., Antigo, Wis.
Mayer Bros., Co. See Little Giant Co. (successor).
Mayer Bros., Constr. Co., Erie, Pa.
Mayer, C. P., Brick Co., Bridgeville, Pa.
Mayer Carburetor Co., 2673 Main, Buffalo, N. Y.
Mayer, Carl H., architect, 1455 Balmoral av, Chicago, Ill.
Mayer China Co., Beaver Falls, Pa.
Mayer Coating Machs. Co., 187 N. Water, Rochester, N. Y.
Mayer, Daniel, scrap iron & steel, Albany, Ga.
Mayer, E. W., cut glassware, Port Jervis, N. Y.
Mayer & Eachus, machsts., West Chester, Pa.
Mayer, F. D., Mfg. Co., art gum erasers & wall paper cleaners, 222 W. Superior, Chicago, Ill.
Mayer, Geo., & Co., 728 Sansom, Phila., Pa.
Mayer, Geo. J., & Co., badges, trade checks, dies, stamps, etc., 36 S. Meridian, Indianapolis, Ind.
Mayer & Kornbau, architectl. Iron Co., 143 Avenue D, New York.
Mayer, Leopold, camel hair pencils, 83 Warren, New York.
Mayer & Loewenstein, enamels, Varnishes, wood fillers, etc., 164 Water, New York.
Mayer, M. C. & H. E., mill & facty. supps., Erie, Pa.
Mayer, Max, bags & suit cases, 10th & Cherry, Phila., Pa.
Mayer, Michael, sash, door & blind mfrs., 181 Moore, Brooklyn, N. Y.
Mayer, O. F., & Bro., meat packers, Beethoven pl & Sedgwick, Chicago, Ill.
Mayer & Reichert, lamp adapters, 84 Evergreen av, Brooklyn, N. Y.
Mayer, Robt., & Co., printing inks, 461 8th av, New York.
Mayer, Sidney E., Co., contrs.' tools, machy, lbrs.' & mill supplies, San Diego, Cal.
Mayer Tank Mfg. Co., wood tanks, 212 Russell, Brooklyn, N. Y.
Mayer, W., Jr., architect, 71 Bline av, West New York, N. J.
Mayer, Wm., Co., sash, door & blind mfrs., 646 W. 3d, Cincinnati, Ohio.
Mayer, Willy & Co., paper shades, 41 Union sq. New York.
Mayerhoff, C. E., lbr., Pachuta, Miss.
Mayes, Howard Lbr. Co., Covington, Tenn.
Mayes, W. S., see Mayes, Howard Lbr. Co. (successors).
Mayfield, M. M., sash, door & blind mfrs., Dallas, Tex.
Mayfield Planing Mills, packing box mfrs., Mayfield, Ky.
Mayflower Mills, flour, Fort Wayne, Ind.
Mayher, Wm., Lumber Co., Greeley, Colo.
Mayhew Co., elec. lgt. plants, 867 31st, Milwaukee, Wis.
Mayhew, H. H., Co., machsts. & fndrs., Shelburne Falls, Mass.
Mayhugh, J. D., Mfg. Co., lumber, Walton, Ky.
Maynard, A. W., contractor, Richmond, Va.
Maynard, C. A., pravement cleaners, Northampton, Mass.
Maynard, Everett W., contractor, 6408 Harvard av, Chicago, Ill.
Maynard Lumber Co., Maynard, Minn.
Maynard Mfg. Co., plbrs. spec., Waltham, Mass.
Maynard Steel Fndry. Co., 716 Reed, Milwaukee, Wis.
Maynicke & Franke, architects, 25 E. 26th, New York.
Maynz & Co., varnish mfrs., 13 Water, New York.
Mayo, A. H., canned goods, Naskeag, Me.
Mayo Const. Co., 333 Union, Lynn, Mass.
Mayo, Ernest A., architect, 53 W. Jackson blvd, Chicago, Ill.
Mayo, Frank H., architect, Jenkintown, Pa.
Mayo, L. T., contractor, Black Bldg., Los Angeles, Cal.
Mayo Lbr. Co., Milton, Fla.
Mayo Milling Co., flour, Richmond, Va.
Mayo Radiator Co., So. Boulevard & 143d, New York.
Mayo-Skinner Mfg. Co., air pumps, 54 E. 18th, Chicago, Ill.
Mayor, Thos., & Son, flyers, 26 Olney, Providence, R. I.
Mayre, P. Thornton, architect, Candler Bldg., Atlanta, Ga.
Mays Brick Co., Greenwood, S. C.
May's Landing Cut Glass Co., May's Landing, N. J.
Mays Mfg. Co., cooperage stock, 705 Olive, St. Louis, Mo.
Mays Rattan Wks., furniture, 3347 N. Clark, Chicago, Ill.
Maysville Brick Co., Maysville, Ky.
Maysville Guano Co., fertilizer mfrs., Maysville, Ga.
Maytag Co., agricultural implements, Newton, Ia.
Mayton Lbr. Co., Hacker Valley, W. Va.
Maytown Lbr. Co., Maytown, Fla.
Mayville Canning Co., Mayville, Wis.
Mayville White Lime Works, Mayville, Wis
Maywald, Fred'k J., assayer & chemist, 133 Walter, New York.
Maywood Packing Co., canned goods, Corning, Cal.
Maze, W. H., Co., masons' & bldrs.' matls—shingle nails, points, etc., Peru, Ill.
Mazel-Rest Supply Co., machsts.' tools, 1846 Grand av, Chicago, Ill.
Mazer Acoustile Co., sounding machy., etc., 1209 Arch, Phila., Pa.
Mazzoni, R., contractor, West New York, N. J.
Mazzotta, Salvatore, mason contr., Middletown, Conn.
M. B. Tool Co., screw drivers, Danielson, Conn.
Meacham & Babcock Shipbldg. Co., Seattle, Wash.
Meacham & Wright Brick Co., 133 W. Washington, Chicago, Ill.
MEACHEM GEAR CORP., Syracuse, N. Y.
See adv. index at end of book
Mead, A. G., Co., presses, 62 Sudbury, Boston, Mass.
Mead, Charles A., architect, Upper Montclair, N. J.
Mead, Chas. H., contractors, 15 Beacon, Boston, Mass.
Mead & Co., machinists & founders, 19th & M. C. R. R., Detroit, Mich.
Mead Cycle Co., bicycle mfrs., 33 N. Canal, Chicago, Ill.
Mead, Earl H., architect, Harbor Springs, Mich.
Mead & Eastwood, sashes, doors & blinds, San Marcos, Texas.
Mead Gas Heater Co., Delawanna, N. J.
Mead-Morrison Mfg. Co., conveyors, hoists, etc., Prescott & Orleans, East Boston, Mass.
Mead Pulp & Paper Co., Dayton, Ohio.
Mead & Requa, architects, 6th & B., San Diego, Cal.
Mead, Samuel W., architect, Barristers Hall, Boston, Mass.

Mead, Suydam Co., burial cases, Park av & N. 13th, Newark, N. J.
Mead Traveling Bag Co., 147 W. Austin av, Chicago, Ill.
Meade, F. B. & J. M. Hamilton, architects, Garfield bldg, Cleveland, Ohio.
Meade, Richard K., industrial, chemical & mechanical engineer, 11 E. Fayette, Baltimore, Md.
Meader Furn. Co., 1st Natl. Bk. Bldg., Cincinnati, Ohio.
Meader, Herman Lee, architect, 2 W. 33d, New York.
Meadons Blower & Pipe Wks., 25 Meserole av, Brooklyn, N. Y.
Meador, J. G., lbr., Winchester, Miss.
Meadow Creek Lbr. Co., Meadow Creek, Idaho.
Meadow Lands Coal Co., bituminous, 1st Nat'l. Bk. bldg, Pittsburgh, Pa.
Meadow River Lbr. Co., oak flooring, Rainelle, W. Va.
Meadowbrook Condensed Milk Co., canned, Issaquah, Wash.
Meadows Chemical Corp., ichthyol, 52 Vanderbilt av, New York.
Meadows, E. H., & J. A. Co., fertilizer, New Bern, N. C.
Meadows Mfg. Co., agricultural implements, Pontiac, Ill.
Meads, Chas., & Co., contractors, 88 Park row, New York.
Meadville Malleable Iron Co., fndrs., Meadeville, Pa.
Meadville Metallic Vault Co., steel burial vaults, Meadville, Pa.
Meadville Wrench Co., Meadville, Pa.
Meagher, Jas. A., contractor, Bay City, Mich.
Meagher, Jas., Sons, cordage & twine, 1625 San Bruno, San Francisco.
Meagher & Smith, contractors, Perth Amboy, N. J.
Meagher, Thos. F., cornices, 30 Center, New Haven, Conn.
Meagher, Wm. J., & Co., contractors, Bay City, Mich.
Meaker Galvanizing Co., 1249 Fulton, Chicago, Ill.
Meals, F. J., architect, 1100 Woodland av, Pittsburgh, Pa.
Mealey & Collins, contr., 180 Jessie, San Francisco, Cal.
Meals, Jacob F., contractor, Oil City, Pa.
Meals, Saml. A., contractor, 2910 Shadeland, Pittsburgh, Pa.
Meanor & Handloser, architects, Huntington, W. Va.
Means, Justin, excelsior, Edgar, Wis.
Means, Mark A., Co., mill & facty. supplies, Lewiston, Idaho.
Means & Thatcher, paints, Norfolk Downs, Quincy, Mass.
Meany, Edw. F., & Co., stone producers, 534 Albany, Boston, Mass.
Mears Earphone Co., audiphones, 43 W. 34th, New York.
Mears, Henry A., architect, 120 Tremont, Boston, Mass.
Mears Improved Line Co., Gloucester, Mass.
Mears-Slayton Lumber Co. See North Shore Bldg. Material Co. (successor).
Meatyard Constr. Co., Wilkins Bldg., Washington, D. C.
Mebane Bedding Co., Mebane, N. C.
Mecca Machinery Co., gears & special machy., 85-87 Adams. Brooklyn, N. Y. *See adv. index at end of book*
Meccano Co., toy metal bldg. matls., 46 W. 24th, New York.
Mechanic Falls Brick Co., Mechanic Falls, Me.
Mechanic Furn. Co., Dept. H, Rockford, Ill.
Mechanical Accountant Co., adding & computing machs., 17 Warren, Providence, R. I.
Mechanical Appliance Co., elec. motors & generators, Milwaukee, Wis.
Mechanical Appliance Co., motors, 133 Stewart, Milwaukee, Wis.
Mechanical & Electrical Mfg. Co., carburetors, joints, lubricators, etc., 2227 Prairie av, Chicago, Ill.
Mechanical Equip't Co., steam & hot water htg. contr., 206 Centre, New York.
Mechanical Fabric Co., rubber carriage cloth, etc., 40 Sprague, Providence, R. I.
Mechanical Handles Co., machsts. & fndrs., Hudson, N. Y.
Mechanical Mach. & Tool Wks., 549 Fulton, Chicago, Ill.
Mechanical Mfg. Co., road scrapers, packing house machy., Union Stock Yards, Chicago, Ill.
Mechanical Mold & Machine Co., Akron, Ohio
Mechanical Nov. & Mfg. Co., toys, St. Louis, Mo.
Mechanical Plating Works, 616 W. Monroe, Chicago, Ill.
Mechanical Rubber Co. See U. S. Rubber Co. (successor).
Mechanical Specialties Mfg. Co., gears, pinions, etc., 1464 Webster av, Chicago, Ill.
Mechanical Supplies Co., contrs. & mill supps., 220 E. 3rd, Cinn., O.
Mechanics' Foundry & Machine Co., castings & engines, Fall River, Mass.
Mechanics Furniture Co., music cabinets, Rockford, Ill.
Mechanics Iron Foundry Co., 38 Kemble, Rox., Boston, Mass.
Mechanics Iron Wks., 909 S. Ewing av, St. Louis, Mo.
Mechanics Machine Co., Rockford, Ill.
Mechanics Paint Co., 715 Franklin av, St. Louis, Mo.
Mechanics' Planing Mill Co., lbr. mfrs., 3742 N. B'way, St. Louis, Mo.
Mechanics' Planning Mill Co., sash, door & blind mfrs., Evansville, Ind., & Fort Smith, Ark.
Mechanics Tool Co., pliers & wrenches, Rockford, Ill.
Mechanicsville Spec. Supply Mfg. Co., pipe cutters, Mechanicsville, N. Y.
Mechling Bros. Mfg. Co., chemicals, Camden, N. J.
Mechodoma, Antonin, archit., Box 104, San Juan, Porto Rico.
Mecke & Co., crude rubber, 6 Hanover, New York.
Meckel, Fred L., tool bags, steel belts, jack-straps, etc., 11 E. 13th, Chicago, Ill.
Meckel, Jno., architect, Anderson, Ind.
Meckelburg, A. F., Sash & Door Co., 760 31st, Milwaukee, Wis.
Mecklenburg Iron Wks., Charlotte, N. C.
Mecklenburg Marble & Granite Co., Charlotte, N. C.
Mecky, A. Co., children's vehicles, 1707 W. Allegheny, Phila., Pa.
Medal Paving Brick Co., Swetland Bldg., Cleveland, Ohio.
Medart, Fred, Mfg. Co., playground & gymnasium equip. & steel lockers, St. Louis, Mo. *See adv index at end of book.*
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meder Bros., corn brooms, Minneapolis, Minn.
Meder-Staudt Co., storage batteries, 649 W. 43d, New York.
Medford Iron Wks., Medford, Ore.
Medfield Silica Co., sand, lime, brick, Medfield, Mass.
Medford Lbr. Co., Medford, Wis.
Medford Woolen Mfg. Co., felt boots & shoes, Medford, Mass.
Medina Bending Works, Medina, Ohio.
Medina Fdry. Co., Medina, N. Y., & Medina, Ohio.
Medina Iron & Brass Co., Medina, N. Y.
Medina Machine Co., machsts., Medina, Ohio.
Medina Stamping & Mach. Co., Medina, N. Y.
Medinger, Thom. G., chronometers, 16 Beaver, New York.
Medland Bros., contrs., Logansport, Ind.
Medora Canning Co., Medora, Ind.
Medora Shale Brick Co., Medora, Ind.
Medve, Peter, contr., 130 Lenox av, Bridgeport, Conn.
Medway Box Co., packing, Medway, Mass.
Mee, F. B., contractor, Yonkers, N. Y.
Meech Foundry & Castings Co., 9940 Meech av, S. E., Cleveland, Ohio.
Meehan Boiler & Const. Co., Lowellville, Ohio.
Meehan, James D., architect, Everson Bldg., Syracuse, N. Y.
Meehan, Jno. F., stone prod., New Britain, Conn.
Meehan & Lambert, contrs., Willimantic, Conn.
Meehan, Thos., & Sons, landscape architects, Chew & Phillellena, Phila., Pa.
Meek, A. E., Trunk & Bag Co., Denver, Colo.
Meek, J. F., Co., advertising novelties, Coshocton, Ohio.
Meek, James Edwin, architect, 470 4th av, New York.
Meek Lumber Co., East Palestine, Ohio.
Meek Milling Co., flour, Marissa, Ill.
Meek Mfg. Co., Newburyport, Mass.
Meeker Advtg. Co., spec., 3rd st & Missouri av, Joplin, Mo.
Meeker Coal Co., Norwalk, Conn.
Meeker Fndry. Co., 95 Clay, Newark, N. J.
Meeker, M. C., lumber, Occidental, Cal.
Meeker Mfg. Co., carriage axles, tires, wheels, etc., Dayton, O.
Meeker, Wm. M., architect, Park & Exchange, Passaic, N. J.
Meeker's Union Fndry. Corp., grey iron castings & steam heaters, Norwalk, Conn.
Meeks, Everett V., archit., 52 Vanderbilt av, New York.
Meeks, Jas. Edwin, architect, 367 Lexington av, New York.
Meerhoff, H. H., vault valves, water heaters, Richmond, Ind.
Meers, R., cornices, Joliet, Ill.
Meerse, J., mops, 2nd & John, Cincinnati, Ohio.
Meese, Broom & Co., Spokane, Wash.
Meese & Gottfried Co., machsts., 660 Mission, San Francisco, Cal.
Megargee Bros., blasting paper, Scranton, Pa.
Megargee Paper Mills, Modena, Pa.
Megeath Coal Co., Omaha, Neb.
Megerly, Chas. O., machsts. & fndrs., Boyertown, Pa.
Megill, Edw. L., gauge pins, 60 Duane, New York.
Meginn, W. J., contr., Naugatuck, Conn.
Megler, J. G., & Co., canned goods, Brookfield, Wash.
Megquier & Jones Co., brass fndrs., etc., Portland, Me.
Megrail, Alfred H., architect, Stephen Girard Bldg., Phila., Pa.
Mehl Hardware Co., hardware (wholesale), Erie, Pa.
Mehl Machine Tool & Die Co., special machy., Roselle, N. J.
Mehlberger & Jones, mchsts & fndrs., Fort Smith, Ark.
Mehler & Eckstenkemper Lbr. Co., 901 Fehr av, Louisville, Ky.
Mehlin, Frank, mchsts., Belcher, La.
Mehlin, Paul G., & Sons, pianos, 4 E. 43d, New York.
Mehner, B. E., architect, Fond Du Lac, Wis.
Mehrhof Brick Co., Little Ferry, N. J.
Mehrhof, Philip, brick, Hackensack, N. J.
Mehring, H. B., & Co., mill & facty. supplies, York, Pa.
Mehring, John A., brick & tile, Napoleon, O
Mehring & Kline Co., contractors, Spitzer Bldg., Toledo, O.
Mehring, S. D., carriages, Littlestown, Pa.
Mehring, Wm. M., cow milking machs., Keymar, Md.
Meicheimer, G. T., sash, door & blind, Elnora, Ind.
Meid, Frank, contractor, Farmers Trust Bldg., Indianapolis, Ind.
Meier-Andres Belting Co., 128 Mulberry, Newark, N. J.
Meier Dental Mfg. Co., water htrs., 3927 Olive, St. Louis, Mo.
Meier, Hubert A., stone producers, 525 Bellevue, Detroit, Mich.
Meier & James, contractors, Hazleton, Pa.
Meier Packing Co., meat packers, 577 W. Ray, Indianapolis, Ind.
Meier & Pohlman Furn. Co., Dept. H, 14th & Palm, St. Louis, Mo.
Meier, Rudolph, architect, Lincoln Bldg., St. Joseph, Mo.
Meier, Theo. G., architect, Monadnock Bldg., San Francisco, Cal.
Meier's, Jos., Sons, mill & facty. supplies, 306 Market, Newark, N. J.
Meigs, H. G., Co., masons' & builders' materials, West Allis, Wis.
Meigs Lumber & Mfg. Co., Meigs, Ga.
Meiklejohn Lbr. Co., Cheraw, S. C.
Meilahn, Bros., furn., 900H N. Paulina, Chicago, Ill.
Meilicke Calculator Co., adding machines, 934 Wrightwood av, Chicago, Ill. *See adv index at end of book.*
Meinecke Mfg. Co., bamboo furniture, toys, children's carriages, etc., Richards, Milwaukee, Wis.
Meinecke Mfg. Co., willow ware mfrs., Milwaukee, Wis.
Meinersman, H. T., Co., landscape architects, Steger Bldg., Chicago, Ill.
Meinhardt, John, & Sons, contractors, Massillon, Ohio.
Meinig, F. Richard, Co., gloves & mittens, Reading, Pa.
Meinken, Detrich, contractor, 2126 Western av, Cincinnati, Ohio.
Meirowsky Brothers, raw & manufd. mica, insulating cloths, tapes, etc., Jersey City, N. J.
Meisel, Ferdinand, cornices, 1439 N. Halsted, Chicago, Ill.
Meisel Press Mfg. Co., gears, also printing presses & paper slitting & winding machinery mfrs., 942 Dorchester av, Boston, Mass.
Meiser, G. H., & Co., vulcanizers, 327 E. Marquette, Chicago, Ill.
Meiser, H., & Son, fndrs., 204 Clay, Baltimore, Md.
Meislahn, C. F., & Co., mattresses, 19 Clay, Baltimore, Md.
Meisle, G., & Bro., packing box mfrs., 217 New, Phila., Pa.
Meisner, Geo., architect, 56 State, New London, Conn.
Meisselbach, A. F., Mfg. Co., fishing reels, can openers, etc., 26 Prospect, Newark, N. J.
Meisselbach-Catucci Mfg. Co., gears, machine tools, etc., 56 Stanton, Newark, N. J. *See adv. index at end of book*
Meister, A., & Sons Co., auto. metal bodies, & Carriages, Sacramento, Cal.
Meister Bros.-Bracht Co., plumbers' supplies, jobbers, Ft. Smith, Ark.
Meister & Cochran, mchsts. & fndrs., Sterling, Ill.
Meister Contr. Co., Dunkirk, N. Y.
Meister Piano Co., 470 4th av, New York.
Meister, R., & Son, machsts., Bay City, Mich.
Meitzler & McKay, contrs., Oxford bldg, Washington, D. C.
Meixel, Coleman & Co., lumber, Montgomery, Pa.
Melan, Henry J., contractor, Wilkes-Barre, Pa.
Melaun, Ernest, architectural iron, Indianapolis, Ind.
Melbourne Bros. Co., contrs., Canton, Ohio.
Melchoirs, Peter & Son, Mach. Works, Omaha, Neb.
Meldahl, Jens J., architect, 104 S. Michigan av, Chicago, Ill.
Melee, Owen J., dock bldrs., Long Branch, N. J.
Melendy, C. F., shooks-box, Nashua, N. H.
Melendy, Geo. E., architect, Orange, N. J.
Meles, Edmund J., architect, 1048 N. Springfield av, Chicago, Ill.
Melidossian, G. G., architect, 37 Farragut av, Providence, R. I.
Melillo Constr. Co., 4215 3rd av, New York.

Melin, Chas. W., architect, 1302 Columbia av, Rogers Park, Ill.
Melin-Winkel Piano Co., South Haven, Mich.
Melind Louis Co., stamps, 183 W. Madison, Chicago, Ill.
Meline, Frank L., contr., Hollywood, Cal.
Meliorate Mfg. Co., sleeve wire connectors, 809 Lexington av, Brooklyn, N. Y.
Mell, Marvin M., & Co., masons' & bldrs.' matls., Akron, O.
Mell-Vaill Lumber Co., Kane, Pa.
Mellen Cedar Co., Mellen, Wis.
Mellen, Daniel W., contractor, Springfield, Mass.
Mellen Lumber Co., Mellen, Wis.
Mellen, Walter L., contractor, 41 Queen, Worcester, Mass.
Mellinger, I. F., masons' & bldrs.' matls., Leetonia, O.
Mellin's Food Co., 261 Franklin, Boston, Mass.
Mellish, Hayward Co., ventilating engnrs. & air washers, 213 W. Austin av, Chicago, Ill.
Mellon, Edward P., architect, 52 Vanderbilt av, New York.
Mellon & Storm Mfg. Co., machsts., St. Louis, Mo.
Mellon-Stuart Co., contrs., Oliver Bldg., Pittsburgh, Pa.
Mellon-Stuart-Nelson Co., contrs., 208 S. La Salle, Chicago, Ill.
Mellor Box Opener Co., Sedalia, Mo.
Mellor, Jos., mach. & fdr., Aspen, Colorado.
Mellor & Meigs & Howe, architects, 205 S. Juniper, Phila., Pa.
Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.
Mellow & Storm Mfg. Co., spring beds, 10th & Mullanphy, St. Louis, Mo.
Mellus Bros. & Co., ore bags, Los Angeles, Cal.
Melody & Keating, contractors, Bailey Bldg., Phila., Pa.
Melone-Bovey Lbr. Co., 1228 S. 4th, Minneapolis, Minn.
Melophone Talking Machine Co., 376 Lafayette, New York.
Meloy, Fred., contr., Lowell, Mass.
Meloy, John F., contractor, Shelbyville, Ind.
Melrose Constr. Co., 103 East 125th, New York.
Melrose Granite Co., St. Cloud, Minn.
Melrose Lbr. Co., McShane, Ala.
Melrose Mill Co., sash, door & blind mfrs., 2707 Clybourn av, Chicago, Ill.
Melrose Milling Co., flour, Melrose, Minn.
Melton Hardware Co., Meridian, Miss.
Melton-Rhodes Co., filing cabinets & devices, Greensboro, N. C.
Melville, Frank L., rust preventive, Bayonne, N. J.
Melville Woolen Co., woolen flannels, Chambersburg, Pa.
Melvin Bros. Pattern Wks., 37½ S. Scioto, Columbus, Ohio.
Melvin, Thos. H., contractor, Wilmington, Del.
Melvin Tile & Brick Co., Melvin, Ohio.
Melzer, William, stone producers, Clintonville, Wis.
Memler, Arthur H., architect, 524 S. Spring, Los Angeles, Cal.
Memphis Asphalt & Paving Co., Memphis, Tenn.
Memphis Bag Co., Memphis, Tenn.
Memphis Band Mill Co., Memphis, Tenn.
Memphis Boiler Works, Memphis, Tenn.
Memphis Brass Valve Works, mchsts. & fdrs., Memphis, Tenn.
Memphis Broom & Brush Co., Memphis, Tenn.
Memphis Coffin Co., Memphis, Tenn.
Memphis Cornice & Roofing Co., Memphis, Tenn.
Memphis Furn. Mfg. Co., Dept. H, Memphis, Tenn.
Memphis Hardwood Flooring Co., Memphis, Tenn.
Memphis Heating Co., Memphis, Tenn.
Memphis Iron & Metal Co., Memphis, Tenn.
Memphis Machine Works, Memphis, Tenn.
Memphis Mattress Co., Memphis, Tenn.
Memphis Repair Works, mchsts. & fdrs., Memphis, Tenn.
Memphis Rice Mill, Memphis, Tenn.
Memphis Sash & Door Co., Memphis, Tenn.
Memphis Stave Mfg. Co., cooperage stock, Memphis, Tenn.
Memphis Steel Constr. Co., towers & tanks, Magee Bldg., Pittsburg, Pa.
Memphis Veneer & Lumber Co., Memphis, Tenn.
Menan Milling Co., flour, Menan, Idaho.
Menasha Printing & Carton Co., folding paper boxes, Menasha, Wis.
Menasha Mfg. Co., sash, door & blind, Menasha, Wis.
Menasha Paper Co., Ladysmith, Wis.
Menasha Printing Co., paper mill, Menasha, Wis.
Menasha Wood Split Pulley Co., Menasha, Wis.
Menasha Wooden Ware Co., Menasha, Wis.
Mench, S. B., & Co., pckg., box mfrs., 2030 E. Dauphin, Phila., Pa.
Menconi Bros., architect, 422 W. 46th, New York.
Menczer, E. A., machsts., Los Angeles, Cal.
Mendel Drucker Co., trunks, Floral & Park, Cincinnati, Ohio.
Mendel, Louis L., architect, Empire bldg, Seattle, Wash.
Mendell Mfg. Co., switches, connectors, etc., New Bedford, Mass.
Mendelson Bros. Paper Stock Co., waste paper, 910 S. Michigan av, Chicago, Ill.
Mendelson, Her., bath'g suit, sweaters, etc., mfrs., 159 Court, Brooklyn, N. Y.
Mendenhall, C. S., maps, Cincinnati, Ohio.
Mendenhall, Hayes & Son, contractors, Drexel Bldg., Phila., Pa.
Mendes Cutting Factories, drills, etc., 14 John, New York.
Mendlik Bros., contrs., Lowell, Mass.
Mendocino Lumber Co., Crocker Bldg., San Francisco, Cal.
Mendon, Theo., contrs., Racine, Wis.
Mendota Mfg. & Transfer Co., mchsts. & fdrs., rakes, Mendota, Ill.
Mendoza, Frank, & Son, canned goods, Dighton, Mass.
Mendum, Jos. W., cornices & skylights, 278 Bennington, E. B., Boston, Mass.
Meneely Bell Co., bell founders, Troy, N. Y.
Menefee Art Stone Co., Ft. Wayne, Ind.
Menefee Fdry. Co., Ft. Wayne, Ind.
Menefee, L. B., Lbr. Co., N. W. Bank Bldg., Portland, Ore.
Meng, Anthony, & Co., masons' & bldrs.' matls., 17 S. Front, Philadelphia, Pa.
Menge, Jno., architect, 138 Wright, Milwaukee, Wis.
Menge, John, Jr., architect, 138 Wright, Milwaukee, Wis.
Menge Marine Hardware & Supply Co., 232 Canal, New Orleans, La.
Menge Pump & Machy. Co., 826 Tchoupitoulas, New Orleans, La.
Menge, Wm., machsts., Dolgeville, N. Y
Mengel Box Co., Louisville, Ky.
Mengel, C. C., & Bro., Co., veneer mfrs., Louisville, Ky.
Mengel, E. T., lbr. mfrs., Bay City, Mich.
Menke, A. F., architect, 512 Hinckley block, Seattle, Wash.
Menke, Chas., children's carriages, 535 E. 15th, New York.
Menke, F. W., Stone & Lime Co., Quincy, Ill.
Menke-Grimm Planing Mill Co., lbr. mfrs., Quincy, Ill.
Menke, Thielberg Co., contractors, 139 N. Clark, Chicago, Ill.
Mennel Milling Co., Toledo, Ohio.
Mennen Co., shaving soap, 42 Orange, Newark, N. J.
Meno Milling Co., flour, Meno, Okla.
Menominee Bay Shore Lbr. Co., Soperton, Wis.
Menominee Brick Co., Menominee, Mich.
Menominee Elec. Mfg. Co., teleg. instrs., Menominee, Mich.
Menomonee Falls Mfg. Co., mchsts. & fdrs., Menomonee Falls, Wis.
Menominee Motor Truck Co., Menominee, Mich.
Menominee River Shingle Co., Menominee, Mich.
Menominee River Sugar Co., Menominee, Mich.
Menominee Saw Co., Menominee, Mich.
Menominee Stained Glass Co., Menominee, Mich.
Menominee White Cedar Co., lumber mfrs., Menominee, Mich.
Menomonie Milling Co., flour, Menomonie, Wis.
Menough Foundry Co., Wellsville, Ohio.
Menough, Jas. L., & Son, contractors, York, Pa.
Men's Wear, trade publication, 8 E. 13th, New York.
Mensch, L. J. Crosby, contr., 138 N. La Salle, Chicago, Ill.
Mente & Co., burlap, Robin & S. Peters, New Orleans, La.
Mentels The, machsts., gas stoves, Springfield, Ohio.
Mentges Folder Co., circular & paper folding machines, Sidney, Ohio.
Mentz, Geo. B., Co., brick molds, Wallkill, N. Y.
Mentzer, J. P., storage batteries, 2210 S. Park av, Chicago, Ill.
Mentzer, Samuel F., contractor, Harrisburg, Pa.
Menzel & Jeffrey Co., fndrs., 317 9th av, Minneapolis, Minn.
Menzel Trunk Co., 902 Main, Cincinnati, Ohio.
Menzel, Wm., lbr., Granite Falls, Wash.
Menzel, Wm. & Son, wood preservatives & shingle stains, 64 Broad, New York.
Menzies & Menzies, cornices, 196 Orange, New Haven, Conn.
Mepham, Geo. S., & Co., clays, metal polish, paint mfrs., etc., 20th & Lynch, East Et. Louis, Ill.
Meramec Portland Cement & Material Co., Syndicate Trust Bldg., St. Louis, Mo.
Mercantile Box Co., packing, 318 Market, San Francisco, Cal.
Mercantile Corp., plain envelopes, 120 B'way, New York
Mercantile Lumber Co., Jackson, Miss.
Mercantile Warehouse Co., broom & whisk sew'g machs., 53 Beach, New York.
Merced Lumber Co., Merced, Cal.
Mercedita Sugar Co., 129 Front, New York.
Mercer Automobile Co., Trenton, N. J.
Mercer, Brannun & Bevington Co., masons' & bldrs.' matls., Fairmount, Ind.
Mercer, F. T., Co., contractors, 1706 Delancey, Phila., Pa.
Mercer Fraser Co., contrs., Eureka, Cal.
Mercer, Geo. W., Constr. Co., Perth Amboy, N. J.
Mercer Mfg. Co., wall ties, Mercer, Pa.
Mercer Milling Co., flour, Baldwinsville, N. Y.
Mercer Pottery Co., Trenton, N. J.
Mercer Rubber Co., air drill hose, 95 Broad, New York.
Mercer Rubber Co., Hamilton Sq, N. J.
Mercereau Bridge & Construction Co., 313 N av, Los Angeles, Cal.
Mercereau-Hawkins Tie Co., Huntington, W. Va.
Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.
Merchant, A. W. See Williams & Merchant (successors)
Merchant, Alexander, architect, 363 George, New Brunswick, N. J.
Merchant Box & Cooperage Co., packing box, Gloucester, Mass.
Merchant, C. T., contr., 180 Jesse, San Francisco, Cal.
Merchant & Evans Co., sheet metal workers, machines & tools, etc., Washington av & 21st, Phila.
Merchant, P. A., mchsts. & fndrs., Guilford, N. Y.
Merchant Shipbldg. Corp., Chester, Pa.
Merchants Despatch Transportation Co., gondola & refrigerator cars, East Rochester, N. Y.
Merchants Distilling Co., Terre Haute, Ind.
Merchants Steel & Supply Co., R. R. Equipments, 208 S. La Salle, Chicago, Ill.
Merchants Stone Co., Joliet, Ill.
Merchants & Mfrs. Supply Co., bags, Chelsea, Mass.
Mercier Bryan-Larkins Brick Co., Detroit, Mich.
Mercier, John A., contractor, Hammond Bldg., Detroit, Mich.
Merck & Co., chemicals, 45 Park pl, New York.
Mercurio Bros. Spaghetti Mfg. Co., canned, St. Louis, Mo.
Mercury Machine Co., 2127 N. Broad, Philadelphia, Pa.
Mercury Mfg. Co., storage battery tractors & trailers, 4118 S. Halsted, Chicago, Ill.
Mercury Mfg. Co., typewriter ribbons, Rochester, N. Y.
Meredith Bros. Co., contractors, 1043 Kinnikinnic av, Milwaukee, Wis.
Meredith Casket Co., Meredith, N. H.
Meredith, Davis D., architect, 431 S Dearborn, Chicago, Ill.
Meredith, J. P., Cedar Co., Memphis, Tenn.
Meredith Linen Mills, towels, 79 Milk, Boston, Mass.
Meredith & Stoetzel, architects, 413 S. Dearborn, Chicago, Ill.
Mereen-Johnson Mach. Co., 4400 Lydale av, Minneapolis, Minn.
Meremec-Portland Cement & Material Co., sand & gravel dlrs., St. Louis, Mo.
Meres, F. Guy, architect, Mount Kisco, New York
Mergenthaler Co., reamers, mfrs., 118 Hollingsworth, Baltimore, Md.
Mergenthaler Linotype Co., type sett'g & distribut'g mach'y, 154 Nassau, New York.
Mergenthaler, Richard H., architect, Atlantic City, N. J.
Mergott, J. E. Co., purse frames, etc., 316 Julliff av, Newark, N. J.
Meriam Co., gas engine indicators, Meriam Bldg., Cleveland, O.
Mericle, Aaron, brick, Fort Jennings, Ohio.
Meriden Britannia Co., table silverware, Meriden, Conn.
Meriden Cut Glass Co., Meriden, Conn.
Meriden Cutlery Co., Meriden, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Meriden Optical & Jewelry Co., Meriden, Conn.
Meriden Press & Drop Co., mchsts. & Fdrs., Meriden, Conn.
Meriden Silver Plate Co., Meriden, Conn.
Meridian Fertz Factory, Meridian, Miss.
Meridian Lbr. Co., Ltd., Meridian, La.
Meridian Mattress Factory, Meridian, Miss.
Meridian Mill Co., flour, Meridian, Tex.
Merillat Culvert Core Co., concrete forms, Winfield, Ia.
Merion Lime & Stone Co., Norristown, Pa.
Merion Paper Co., binder boards, Bellevue Court Bldg., Phila., Pa.
Merit Mach. Mfg. Corp., arc stage & stereopticon lamps, 465 Greenwich, New York.
Meritas Mills, cotton, duck & canvas, 320 B'way, N. Y. City

Mermaid Dish Washer Co., 61 Hubbard, Middletown, Conn.
Merriweather, W. W. & Son, whol. hdwe., Paragould, Ark.
Merkel, A. P., agricultural machy., Fleetwood, Pa.
Merkel Bros. Co., plumber's mill & fcty. supplies—jobbers, Canal & Jackson, Cincinnati, O.
Merkel Herman, gasoline lamps, 511 Elm, St. Louis, Mo.
Merker & Wirsing, carriages, Belleville, Ill.
Merkle-Wiley Broom Co., Paris, Ill.
Merrall, F. R., & Co., pack'g box mfrs., 505 E. 18th, New York.
Merrell Canning Co., Harlan, Ia.
Merrell Co., wholesale hardware, Toledo, O.
Merrell Mfg. Co., pipe threading & cutting machines, 278 Curtis, Toledo, Ohio.
Merrell-Soule Co., canned goods, Syracuse, N. Y.
Merrell, W. S., Co., pharmaceuticals & salicylic acid, 5th & Pike, Cincinnati, Ohio.
Merriam A. Co., piano benches, South Acton, Mass.
Merriam, C. A., architect, Seatle Nat'l. Bk. bldg, Seattle, Wash.
Merriam F. M., brass castings, Utica, N. Y.
Merriam Mfg. Co., fishing tackle boxes, Durham, Conn.
Merrian, Hall & Co. (N. Leominster furn.), Dept. H, Leominster, Mass.
Merrick Chas. H., brick, Syracuse, N. Y.
Merrick Fredc. I., architect, Empire bldg., Pittsburgh, Pa.
Merrick Lumber Co., packing box & sash, door & blind mfrs., Holyoke, Mass.
Merrick & Pembler, architects, 51 State, Albany, N. Y.
Merrick Scale Mfg. Co., Passaic, N. J.
See adv. index at end of book.
Merrifield Co., killers-fly, swatters, Springvale, Me.
Merrifield, J. E., stone producers, Boonville, Mo.
Merrill Bros., iron & steel forgings, 3 Arnold, Maspeth, N. Y.
See adv index at end of book.
Merrill Bros. Co., silver nov., 222 Green, Newark, N. J.
Merrill C. N. & Son, mason's & blds. matls., Bristol, N. H.
Merrill, Chas. B., & Co., landscape archt., 53 Bowers, Newtonville, Mass.
Merrill Co., htg. contrs., 19 Pearl, Boston, Mass.
Merrill Co., plug valves, 121H 2nd, San Francisco, Calif.
Merrill & Co., lbr. mfrs., 1700 Brooklyn av, Kansas City, Mo.
Merrill Constr. Co., Odd Fellows bldg, St. Louis, Mo.
Merril Corp., contrs., 440 S. Dearborn, Chicago, Ill.
Merrill, E. R., Spring Co., elliptic & auto, 530 W. 28th, New York.
Merrill, Daniel D., architect, 5 Beekman, New York.
Merrill, F. B., Co., lbr., Merrill, Miss.
Merrill, F. H., architect, Yarmouthville, Me.
Merrill, Francis S., carriage wheels, Amesbury, Mass.
Merrill, Geo. B., & Co., granite, Lynn, Mass.
Merrill, Geo. E., architect, 111 E. 40th, New York.
Merrill Iron Works, machsts. & fndrs., Merrill, Wis.
Merrill, J. W., Lbr. Co., sash, door & blind mfrs., Southwest blvd & Summit, Kansas City, Mo.
Merrill & Madden Co., mill & facty. supplies, 45 S. Market, Boston, Mass.
Merrill Process Co., industrial heating & ventilating engineers Old South Bldg., Boston, Mass.
Merrill, Samuel S., contractor, Salem, Mass.
Merrill Silk Co., knitted gloves, Hornell, N. Y.
Merrill Stevens Dry Dock & Repair Co., Jacksonville, Fla.
Merrill Veneer Co., Merrill, Wis.
Merrill, Wm. B., & Co., packing, Jamaica Plain, Boston, Mass.
Merrill, Willis, lumber mfrs., Butler Center, N. Y.
Merrill Woodenware Co., Merrill, Wis.
Merrill's, R., Sons, nautical instruments, 66 South, New York.
Merrimac Chemical Co., ammonium alum, textile chemicals & mrg. chemists, 148 State, Boston, Mass.
Merrimac Mattress Mfg. Co., 129 Portland, Boston, Mass.
Merrimac Paper Co., Lawrence, Mass.
Merrimac Plating Wks., Merrimac, Mass.
Merriman Bros., megaphones, tackle blocks, etc., 185 Amory, Jamaica Plain, Boston, Mass.
Merritt Bros., lbr., Reading, Pa.
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York.
Merritt, Edw. L., architect, Empire bldg, Seattle, Wash.
Merritt, F. M., wire hooks, Penn Yan, N. Y.
Merritt Hardware Co., Macon, Ga.
Merritt Hydraulics Co., 110 N. Broad, Philadelphia, Pa.
Merritt, Jas. H., & Co., steam htg. contrs., 244 Water, New York.
Merritt & Jarvis, contractors, 12 Marshall, Boston, Mass.
Merritt Mfg. Co., veneer machy., Lockport, N. Y.
Merritt, S. W., Co., grinders, pistons & jigs, 699 W. 133rd, New York (tr.)
Merritt, W. H., contractor, Moorhead, Minn.
Merrow Machine Co., Hartford, Conn., & Salem, Mass.
Merrow Packing Co., meat, Auburn, Me.
Merry Bros., brick, Augusta, Ga.
Merry Steel Truck Co., Augusta, Ga.
Merryday Grocery Co., Palatka, Fla.
Merryman, Ridgeway, lbr. mfrs., Marine Bk. Bldg., Balto., Md.
Merryman, S. Howard, incubators, Towson, Md.
Mersch, Frank, & Sons, stone, 1037 Wade, Cincinnati, Ohio.
Mersereau Metal Bed Co., machsts. & fndrs., 292 Johnson av, Jersey City, N. J.
Mersereau, Wm. H., architect, 32 B'way, New York.
Mersfelder's, W. L., Pattern Wks., Lawrence & Friendship, Cincinnati, Ohio.
Mershon, Eddy, Parker Co., Mershon Station, Saginaw, Mich.
Mershon, John D., Lbr. Co., Saginaw, Mich.
Mershon & Morley Co., portable houses, Saginaw, Mich.
Mershon Patent Shaking Grate Wks., 147 N. 3d, Phila., Pa.
Mershon, W. B., & Co., machsts., Saginaw, Mich.
Mersick, C. S., & Co., mill & facty. & plumbers' supplies—jobbers, wholesale hdwe., New Haven, Conn.
Mersman Bros., battery holders, Ottawa, Ohio.
Merten, Paul, architect, 103 Osborne Terrace, Newark, N. J.
Mertens, John H., architect, 37 E. 28th, New York.
Mertens, Paul, architect, Rahway, N. J.
Mertes Machy. Co., dealers, 240 Oregon, Milwaukee, Wis.
Mertes-Miller Co., boilers, 239 Lake, Milwaukee, Wis.
Mertin, Adolph, architect, 34 W. 28th, New York.
Mertz Co., bodies, auto, 704 Woodland, Cleveland, O. (tr.)
Mertz, F. C., contractor, Port Chester, N. Y.
Mertz, John, Mfg. Co., stamping works, Sandusky, Ohio.
Mertz Matt Co., bldg. contrs., Oshkosh, Wis.
Mertz & Sons, cornices, Sandusky, Ohio.
Mertz's, Geo., Sons, rope mouldings, contrs., Port Chester, N. Y.
Merwin & Brown Co., mill & facty. supplies, Winsted, Conn.
Merwin, C. P., Brick Co., Berlin, Conn.
Merwin Mfg. Co., sheet metal stampings, Erie, Pa.
Merwin Paper Co., Windsor, Conn.
Merwin Paper Co., press papers & boards, Hartford, Conn.
Mery, M. L., machinist, Chico, Cal.
Merz Bros., carriages, 9 Crawford, Newark, N. J.
Merz, N., & Son, machsts. & fndrs., Salem, Ill.
Merz, Phillip, architect, Penn Bldg, Phila., Pa.
Mesa, Fernando C., Co., elec. porcelain specialties, Dept. H, Coit & Chancellor av, Irvington, N. J.
Mesa Flour Mill, Grand Junction, Colo.
Mesaba Boiler & Mfg. Co., Duluth, Minn.
Mescher, P. F., lbr., Curtain, Ore.
Mesker Bros. Iron Co., wrought iron wk., 421 S. 6th, St. Louis, Mo.
Mesker, Geo. L., & Co., steel awnings, railings, ceilings; iron stair bldrs., etc., Evansville, Ind.
Meskill Lbr. Co., Meskill, Wash.
Mesmer & Rice, contrs., Marsh-Strong Bldg., Los Angeles, Cal.
Mess, Matthew, lbr. mfrs., Wellsville, N. Y.
Messenger, Benj., glass stainers, Erie, Pa.
Messenger Bros., stone producers, Steelton, Pa.
Messenger, F. H., Co., paint mfrs., Auburn, N. Y.
Messenger, H. B., canned goods, Federalsburg, Md.
Messenger & Parks Mfg. Co., ceilings, tanks, ventilator mfrs., etc., Aurora, Ill.
Messenger, R. W., & Co., canned goods, Federalsburg, Md.
Messenger & Nichols, canned goods, Williamsburg, Md.
Messer Bros., stone producers, Brockton, Mass.
Messer & Co., welding & cutting app., oxyacetylene, 121 N. 7th, Philadelphia, Pa.
Messer, Jas. A. Co., Inc., plbrs., steam fitters supplies, 140 Penn av, N. W., Washington, D. C.
Messer, John B. (Est. of), brick, Easton, Pa.
Messer, Jos. J., Co., wood mantels, 457 Central av, Newark, N. J.
Messer, Richard, stone, Claremont, N. H.
Messerschmidt, H. Carl, architect, Mutual Bldg., Richmond, Va.
Messersmith, Clarence, contractor, Pottsville, Pa.
Messick, R. M., & Sons, canned goods, Bethlehem, Md.
Messick, W. F., & Bro., canned goods, Salisbury, Md.
Messick & Harper, canned goods, Hurlock, Md.
Messina, D. A., contrs., Silver Creek, N. Y.
Messinger, H. & F., Mfg. Co., shock absorbers, saddles & tires, Austin pl & 144th, New York.
Messinger, Jacob H., contractor, Nazareth, Pa.
Messinger Mfg. Co., agricultural implements, Tatamy, Pa.
Messinger Teaming & Supply Co., masons' & bldrs.' supplies, Easton, Pa.
Messinger's, H. C., Sons, machsts. & fndrs., Consohocken, Pa.
Messmer, Andrew, Co., fndrs., Patterson nr. Bank, Cincinnati, O.
Messmer, Fred, Mfg. Co., machsts. & fndrs., 2700 S. 7th, St. Louis, Mo.
Messmer, John P., architect, 140 4th, Weehawken, N. J.
Messmer, R. A., & Bro., archt., Majestic Bldg., Milwaukee, Wis.
Messner & Co., steam fitters' supplies, Cedar Rapids, Ia.
Mesta Machine Co., rolling mill & heavy power machy., Box 1124, Pittsburgh, Pa. *See adv. index at end of book*
Metal & Alloy Spec. Co., Inc., bronze castings, Buffalo, N. Y.
Metal Ball Co., metal balls, 856 Broad, Bridgeport, Conn.
See adv. index at end of book.
Metal Barrel Co., Galesburg, Ill.
Metal Block Corp., brass ingots, 1230 N. Kostner, Chicago, Ill.
Metal Block & Ingot Co., machsts., 2215 Elston av, Chicago, Ill.
Metal Canning Co., Meta, Mo.
Metal Cornice & Roofing Co., Front & Dickinson, Phila., Pa.
Metal Crafters, stamping & drawings, sheet metal, E. Stroudsburg, Pa.
Metal Engng. Co., road culverts, Danville, Pa.
Metal Export Co. of America, 59 Pearl, New York.
Metal Forming Corp., mail boxes, Elkhart, Ind.
Metal Furniture Co., bedstead mfrs.; spring beds, Evansville, Ind.
Metal Hardening Solution Co., Rochester, N. Y.
METAL HOSE & TUBING CO., gasoline & oil hose mfrs., 252 Tillary, Brooklyn, N. Y.
See adv. index at end of book
Metal Industry, trade publication, 99 John, New York.
Metal Office Furniture Co., Grand Rapids, Mich.
Metal Package Corp. of N. J., decorated boxes & cans, 509 5th av, New York
Metal Parts Mf. Co., aeroplane supplies, 1084 E. 152nd, Cleveland, Ohio.
Metal Post & Culvert Co., Niles, Ohio.
Metal Products Co., 549 W Washington blvd, Chicago, Ill.
Metal Products & Supply Co., iron bars, 1224-30 Washington, Philadelphia, Pa.
Metal Reversible Window Device Co., Fremont, Ohio.
Metal Sales Co., bearing metal, 805 Citizens Bldg., Cleveland, O.
Metal Saw & Machine Co., Inc., 40H Napier, Springfield, Mass.
Metal Shelter Co., port. fireproof garages, S. Wabasha, St. Paul, Minn.
Metal Sign Board Co., Kalamazoo, Mich.
Metal Specialties Co., hot water bottles, Attleboro, Mass.
Metal Spec. Co., hdwe. mfrs.—stampings, 6th & Burns, Cincinnati, Ohio.
Metal Spec. Mfg. Co., automobile accessories, 338 N. Kedzie av, Chicago, Ill.
Metal Spec. Mfg. Co., machsts., 125 Patchen av, B'klyn, N. Y.
Metal Specialty Mfg. Co., Inc. See Waterbury Steel Ball Co. (successors).
Metal Stamping Co., auto. seats, carriage fasteners, etc., 13th, Long Island City, N. Y.
Metal Stamping Co., refrigerators, Jackson, Mich.
Metal Stamping Corp., Streator, Ill.
Metal Stamping & Mfg. Co., 15th & Oklahoma avs, Milwaukee, Wis.
Metal & Thermit Corp, thermit welding process, rail welds, carbon free metals & alloys detinning, 120 B'way, New York.
Metal Toy Soldier Co., 156 Chestnut av, Jersey City, N. J.
Metal Welding & Supply Co., Denver, Colo.
Metal Wkr., trade publication, 239 W. 39th, New York.
Metaline Chemical Co., boiler compounds, 839 Society for Savings Bldg., Cleveland, Ohio.
Metaline Co., bushings & bearings, West av, Long Island City, N. Y.
Metallic Automobile Matting Co., 181 York, Rochester, N. Y.
Metallic Batten Co., Owensville, Ind.
Metallic Drawing Roll Co., machsts., Indian Orchard, Mass.
Metallic Mfg. Co., elec. light fix. mfrs., 544 W. 35th, Chicago, Ill.

Metallic Mfg. Co., ventilator mfrs., Camden, N. J.
Metallic Novelty Co., elec. light fix. mfrs., Troy, Ohio.
Metallic Sash Operator Co., sash operating devices, 2233 Chestnut, St. Louis, Mo.
Metallic Screen Co., Collins, Wis.
Metallic Sign Letter Co., 433 N. Clark, Chicago, Ill.
Mettallo Gasket Co., New Brunswick, N. J.
Metallograph Corp., advtg. novelties, signs, etc., 1100 Brook av, New York.
Metals Coating Co. of Am., spaying brushes & machines, 495 N 3rd, Phila., Pa.
Metals Disintegrating Co., Inc., zinc dust, 62 B'way, New York.
Metals Production Equipment Co., commercial munition brass & strips & ducs, heavy grey iron castings, indust. heat treating furnaces & powdered coal equipt. mfrs., Springfield, Mass.
Metals Refining Co., Inc., white metal alloys, Edison Bldg., Chicago, Ill.
Metals Welding Plant, (Steel Products Co.), 4400 Perkins av, Cleveland, Ohio.
Metals Working Co., 305 5th av, Pittsburgh, Pa.
Metalwood Mfg. Co., hydraulic presses, Leib & Wight, Detroit, Mich.
Metalyte Co., lamps, 366 W. 15th, New York.
Metcalf, Chas., steam fitters' supplies, Streator, Ill.
Metcalf, E. J., sash, door & blind, Normal, Ill.
Metcalf, Fred L., architect, 143 North av, Plainfield, N. J.
Metcalf, J. C. Machy. Co., 102 Pearl, Boston Mass.
Metcalf J. J., mill & facty. supplies, Hopkinsville, Ky.
Metcalf, J. S., Co., grain elev. bldrs., 108 S. La Salle, Chicago, Ill.
Metcalf, O. F., & Sons, masons' & bldrs.' matls., Franklin, Mass.
Metcalf, Sam'l, machst. & fndr., Seabring, Brooklyn, N. Y.
Metcalfe, L. A., masons' & bldrs.' matls., 2433 Gilbert av, Cincinnati, Ohio.
Metcalfe, Louis R., architect, 2 W. 47th, New York.
Meteor Motor Car Co., Piqua, Ohio.
Methow Sawmill Co., Methow, Wash.
Methvin Hardware Co., Columbus, Ga.
Metler, C. L., & Co., lumber, Flat Rock, Mich.
Metlskin Co., Inc., boiler comp'ds, 61 Elizabeth, Rochester, N. Y.
Metric Metal Works, Erie, Pa.
Metric Packing Co., steam packing, 244 Kensington av, Buffalo, N. Y. *See adv. index at end of book.*
Metristry, David, mason contr., Newburgh, N. Y.
Metropolis Bending Co., neck yokes, Metropolis, Ill.
Metropolitan Air Goods Co., rubber goods, Athol, Mass.
Metropolitan Basket Co., wire, 151 Spring, New York.
Metropolitan Button Co., 55 W. 25th, New York.
Metropolitan Cut Glass Co., Metropolitan av, B'klyn, N. Y.
Metropolitan Dredging Co., 90 West, New York.
Metropolitan Elec. Mfg. Co., light switches & panel board cabinets, 524 1st, Seattle, Wash.
Metropolitan Engng. Co., elec. testing & measuring instruments, 1250 Atlantic av, B'klyn, N. Y.
Metropolitan Engng. Co., incandescent cut-outs, 1250 Atlantic av, Brooklyn, N. Y.
Metropolitan Furn. Co., 538H Main, Springfield, Mass.
Metropolitan Gas & Elec. Fix. Co., 1767 E. 55th, Cleveland, Ohio.
Metropolitan Glass Co., 1545 N. Western av, Chicago, Ill.
Metropolitan Imptg. & Mfg. Co., wall pockets & advtg. spec., 304 E. 23rd, New York.
Metropolitan Iron Fndry., 890 Metropolitan av, Brooklyn, N. Y.
Metropolitan Iron & Steel Co., 560 W. 26th, New York City.
Metropolitan Match Co., 503 Market, San Francisco, Cal.
Metropolitan Material Co. green house materials, 1335 Flushing av, Brooklyn, N. Y.
Metropolitan Mattress Co., 47 Wareham, Boston, Mass.
Metropolitan Mfg. Co., furniture, 777H Boylston, Boston, Mass.
Metropolitan Paint & Varnish Co., 322 Race, Philadelphia, Pa.
Metropolitan Paving Brick Co., Canton, Ohio.
Metropolitan Paving Co., St. Joseph, Mo.
Metropolitan Redwood Lumber Co., Metropolitan, Cal.
Metropolitan Sewing Machine Co., Nyack, N. Y.
Metropolitan Weather Strip Co., 117 Chambers, New York.
Mets, P. A., Paint Co., 769 Clinton, Buffalo, N. Y.
Metsch, Cassius M., architect, East Liverpool, Ohio.
Metz & Bowles, beading & crimping machines, Clinton, Ill.
Metz Bros. Co., contractors, 1295 Fillmore av, Buffalo, N. Y.
Metz Co., machsts. & fndrs., Waltham, Mass.
Metz, H. A., Laboratories, Inc., chemicals, 122H Hudson, New York
Metz, J. L., Furn. Co., 1465 W 37th, Chicago, Ill.
Metz Mfg. Co., lumber manufacturers, Dubuque, Ia.
Metz, Peter J., surface grinders, 562 Wash. Blvd., Chicago, Ill.
Metz & Schloerb, moccasins, Oshkosh, Wis.
Metz Struct. Steel Co., Bridgeport, Conn.
Metzger, Chas. S., contractor, Denckla Bldg., Philadelphia, Pa.
Metzger & Fisher, contractors, Denckle bldg., Philadelphia, Pa.
Metzger, Harry, brooms, Muscatine, Ia.
Metzger, J., Mfg. Co., machsts., 2165 McLean av, Cincinnati, O.
Metzger, M., Co., signs, metal litho., 143 N. Wabash av, Chicago, Ill.
Metzger Mattress Co., spring beds, Atlanta, Ga.
Metzger, R. A., fly swatters, New Philadelphia, O.
Metzger, Richard, glass stainers, 54 Duryee, Newark, N. J.
Metzger Seed & Oil Co., Toledo, O.
Metzler, J., & Sons Co., carriages, 158 E. Grand av, Chicago, Ill.
Metzler, Wm. G., contractor, 28 Paul pl, Buffalo, N. Y.
Metzner, Louis L., architect, 714 E. Penna, Evansville, Ind.
Meulenbergh, Emil C., contractor, 103 Park av, New York.
Meurer, Geo. C. Co., ventilator, stove pipe & elbow mfrs., 22 Clay, Brooklyn, N. Y.
Meurer Steel Barrel Co., Inc., 23 W. 43d, New York.
Meuron, F. A. de, architect, 31 E. 27th, New York.
Meussdorffer, Conrad A., Humboldt Bk. Bldg., San Francisco, Cal.
Mewhinney, architect, Woodward Bldg., Birmingham, Ala.
Mexican Commercial & Agrl. Co., shipping agts., H Delta bldg, Los Angeles, Cal.
Mexican Crude Rubber Co., 668 Penobscot, Detroit, Mich.
Mexican Petroleum Co., Los Angeles, Cal.
Mey Chain Belt Co., machsts, Buffalo, N. Y.
Meyberg Co., elec. & gas light fixtures, Los Angeles, Cal.
Meyer, A., architects, Central Na. Bank Bldg., St. Louis, Mo.
Meyer, A. B., & Co., masons' & bldrs. matls., 17 N. Penn, Indianapolis, Ind.

Meyer, A., Co. bldg. contrs., Portland, Ore.
Meyer, A. F. Mfg. Co., portable grain elev., Morton, Ill.
Meyer, A. G., & Sons, stone producers, Mankato, Minn.
Meyer, A. J., Mfg. Co., screw mach. products, 3840 Blvd., W. Hoboken, N. J.
Meyer & Anselm, architect'l & ornamental iron, 173 Van Sinderen av, Brooklyn, N. Y.
Meyer & Brenner, architects, Lincoln bldg, Louisville, Ky.
Meyer Bros., stone, 342 E. North av., Milwaukee, Wis.
Meyer Bros., traveling bags, 234 N. Front, Philadelphia, Pa.
Meyer Bros. Saddlery Co., Sioux City, Ia.
Meyer & Brown, crude rubber, 347 Madison av, New York.
Meyer, C. G., & Son, auto tops, Tiffin, Ohio.
Meyer, C. R., Sons Co., contractors, Oshkosh, Wis.
Meyer, Carl F, architect, 719 E. Edwards, Springfield, Ill.
Meyer, Chas. A., tire fabrics, 350 B'way, New York.
Meyer, Chas., brick, Freelandville, Ind.
Meyer Const. Co., Merrill bldg., Milwaukee, Wis.
Meyer Contracting Co., 1182 Broadway, New York.
Meyer Corporation, hog oilers, feed grinders, etc., Morton, Ill.
Meyer, E. H., & Co., glass, paint, 35 E. Court, Cincinnati, Ohio.
Meyer, Edw., & Co., cornices, 1541 Elm, Cincinnati, Ohio
Meyer, Ed. H., contrs., Terre Haute, Ind.
Meyer, Eugene, mill & facty. supplies—whol. hdwe., Jefferson, Tex.
Meyer, F., & Bro. Co., mill & factory supplies; cornices, tin plate, etc., Peoria. Ill.
Meyer, F. & J., plbrs. supplies, 116 Broad, New York.
Meyer, F. W., Co., printing inks, 46 Walworth, Brooklyn, N. Y.
Meyer, Fred. H., architect, 742 Market, San Francisco, Cal.
Meyer, Fred'k C., grey iron & brass castings, Shelton, Conn.
Meyer, Frederick H, architect, 30 N Dearborn, Chicago, Ill.
Meyer Furnace Co., Peoria, Ill.
Meyer, G. A. & E., color mfrs., litharge & imports, 135 William, New York.
Meyer, G. E., & Son, cornice, South Bend, Ind.
Meyer, Geo. J., Malting Co., 1316 Niagara, Buffalo, N. Y.
Meyer, Geo. J., Mfg. Co., machsts.—boilers, 598 Clinton, Milwaukee, Wis.
Meyer, H. H., Packing Co., meat, Central av & Linn, Cincinnati, Ohio
Meyer, Hans, architect, Woodbridge, N. J.
Meyer, Harry C., architect, Zanesville, Ohio.
Meyer, Hy. H., Co., contractors' tool & supplies—mill & facty. supplies, 110 S. Howard St., Baltimore, Md. *See adv index at end of book.*
Meyer, Henry W., archit., Old Nat'l Bank Bldg., Fort Wayne, Ind.
Meyer, Herbert J., Co., gasoline hose & flexible metal tubing, 225-27 Cedar, Buffalo, N. Y.
Meyer, J. C., & Co., thread, Lowell, Mass.
Meyer J. F. Mfg. Co., sashes, doors & blinds. Hannibal, Mo.
Meyer, J., & Sons, stearate, cobalt, etc., varnish gums, Bourse Bldg., Philadelphia, Pa.
Meyer, Jas. S., machy. dlr., Rockville, Mo.
Meyer, Jacob A., contractor, 352 Orms, Providence, R. I.
Meyer, John F., Tire Duck Co., 708 Frelinghuysen av, Newark, N. J.
Meyer, John H., & Co., Inc., tire fabrics, 50 Union Sq., New York.
Meyer, Jos. F., Co., whol. hdwe., Houston, Texas.
Meyer, L. M., & Co., coal bags, contrs., tents, etc., Springfield, Mass.
Meyer, Louis, Co., meat packers, 374 Flushing av, Brooklyn, N. Y.
Meyer, Louis J., plated silverware, 804 Walnut, Philadelphia, Pa.
Meyer & Martin, contractors, 118 E. 88th, New York
Meyer, N., corn brooms, Green Bay, Wis.
Meyer, Otto C., & Co., boiler wks. & iron castings, 30 Franklin av, Brooklyn, N. Y.
Meyer & Peters, contrs., Quincy, Ill.
Meyer, R. M., masons' & bldrs.' matls., 3010 Jefferson av, W., Detroit, Mich.
Meyer & Ruh Co., mill & fcty. supplies, masons' & builders' materials, Bayonne, N. J.
Meyer Scale & Hdwe. Co., 328 Adams, Newark, N. J.
Meyer-Sniffin Co., plumbers' supplies—jobbers, 11 W. 36th, New York
Meyer Supply Co., plbrs. supplies, Cleveland, O.
Meyer, Theodore A., architect, 150 E 41st, New York
Meyer & Thomas Const. Co., contrs., East St. Louis, Ill.
Meyer, W. D., masons' & bldrs., matls., Quincy, Ill.
Meyer & Wenthe, numbering machines, stamps, stencils, etc., 108 N. Dearborn, Chicago, Ill.
Meyer, Wm., packing box mfr., 214 Quarry, Philadelphia, Pa.
Meyer, Wm., Co., batteries, rectifiers, vibrators, etc., 1644 Girard, Chicago, Ill.
Meyer, Wm. D., masons' & bldrs.' supplies, 301 Delaware, Quincy, Ill.
Meyer, Wm., Son, contractors, Arlington Height, Ill.
Meyer, Wilson & Co., cement & chemical imps., 485H California, San Francisco, Cal.
Meyercord Co., transfer ornaments, advtg. signs, Cham. of Com., Chicago, Ill.
Meyerlambers, W. H., architect, Navastota, Texas.
Meyerowitz, E. B., surgical instruments, 231 5th av, New York.
Meyers, B. Frank, architect, 1033 Pack rd, Washington, D. C.
Meyers Bros., brick, common, Azalia, Mich.
Meyers Bros., plbrs. supplies, Charleston, W. Va.
Meyers, Chas. B., arcitect, 1 Union sq, New York.
Meyers, E. B., stone producers, Hanover, Pa.
Meyers, F. Guy Co., contractors, 908 Chestnut, Philadelphia, Pa.
Meyers, Fred J., Mfg. Co., ornamental wire, iron, brass & bronze work, Hamilton, Ohio. *See adv index at end of book.*
Meyers, H. J. & W. A., masons' & bldrs.' matls., Hooversville, Pa.
Meyers, Henry H., architect, Kohl Bldg., San Francisco, Cal.
Meyers, W. F., Co., emery wheel dressers, special machy., etc., Dept. H, Bedford, Ind.
Meyers, W. H., & Co., canned goods, Bryansville, Pa.
Meyler, Wm., Co., Ltd., contrs., 206 Quarry, Phila., Pa.
Meyne, Gerhardt F., contractor, 127 N. Dearborn, Chicago, Ill.
Mezzanetti Ceasare, mason, Meriden, Conn.
M.-H. Aterite Co., acid, cocks & valves, Paterson, N. J.
M. H. Foundry & Mfg. Co., Grey iron castings, Belleville, Ill.
Miami Boiler Compound Co., 505 Elm, Cincinnati, Ohio.
Miami Brass Fdry. Co., Dayton, Ohio
Miami Canning Co., Lebanon, O.

Miami Copper Co., 61 Broadway, New York.
Miami Cycle & Mfg. Co., Middletown, Ohio.
Miami Engng. Co., dies & jigs, Dayton, Ohio.
Miami Fertilizer Co., Hamilton, Ohio.
Miami Fdry. Co., Miamisburg, Ohio.
Miami Garage, machinists, Miami, Fla.
Miami Paper Co., West Carrollton, Ohio.
Miami Stone & Gravel Co., 2103 Un. Cent. Bldg., Cincinnati, O.
Miami Tool & Die Co., Dayton, Ohio
Miami Trailer Co., auto truck trailers, Troy, Ohio.
Miami Valley Paint Co., wood fillers, Dayton, Ohio.
Miamisburg Paper Co., Miamisburg, O.
Mianus Mfg. Co., plushers—horse blankets, Coscob, Conn.
Mianus Motor Wks., machinists & fdrs., Stamford, Conn.
Mica Crystal Co., mica quartz—grit, Concord, N. H.
Mica Insulator Co., insulating mtrl. mfrs., 68 Church, New York
Mica Mines Corp., 271 B'way, New York.
Mica Mfg. Co., 135 Johnson, Brooklyn, N. Y.
Michael Heating Co., Denver, Colo.
Michael, James, machinist, Lake Charles, La.
Michael, John M., canned goods, Aberdeen, Md.
Michael, M., & Bro., whol. hdwe., Paducah, Ky.
Michael Supply & Roofing Co., Talladega, Ala.
Michael, W. O., canned goods, Fountain Green, Md.
Michaelis, A. C., architect, Joplin, Mo.
Michaelis, Frederick H., architect, McGee Bldg., Kansas City, Mo.
Michael's Art Bronze Co., Covington, Ky.
Michaelsen, Christian S., archit., 80 E. Jackson blvd, Chicago, Ill.
Michalak Albert, architect, 642 Becker, Milwaukee, Wis.
Michaud, Elmer J., lathes, doges, Willimantic, Conn.
Michel, A. Eugene, & Staff, advertising counsellors, 116 Nassau, New York
Michel Cooperage Co., wood barrels, Sandusky, O.
Michel, J. G., architect, 323 45th, Brooklyn, N. Y.
Michel, Louis & Son, scrap iron & steel, 560 Elk, Buffalo, N. Y.
Michel & Pfeffer, ornament'l iron, 1415-1431 Harrison, San Francisco, Cal.
Michelin Tire Co., Milltown, N. J.
Michelmann Steel Const. Co., boilers, stacks, tanks, etc., Quincy, Ill.
Michels, J. J., contractor, Houghton, Mich.
Michelsen, George J., Furn. Co., Dept. H, Rochester, N. Y.
Michener, E. S., carbon removers, New Castle, Pa.
Michie, Andrew Y., hair cloth mfr., 5th & Columbia, Phila., Pa.
Michigan Alkali Co., chemicals, Wyandotte, Mich.
Michigan Ammonia Wks., ammonia concentrators, ft. Meldrum av, Detroit, Mich.
Michigan Bedding Co., mattresses, 262 Orleans, Detroit, Mich.
Michigan Bent Rim & Basket Mfg. Co., Lowell, Mich.
Michigan Bolt & Nut Wks., clamps, nuts, rivets, screws, &c., ft. of Meldrum, Detroit, Mich.
Michigan Brass & Iron Works, mchsts. & fdrs., Lansing, Mich.
Michigan Bridge & Pipe Co., steel structural wk., Lansing, Mich.
Michigan Builders' Supply Co., 208 E. Hancock, Detroit, Mich.
Michigan Carbon Works, bone black, 7 Forman, Detroit, Mich.
Michigan Carton Co., Battle Creek, Mich.
Michigan Cash Register Co., 951 Porter, Detroit, Mich.
Michigan Casket Co., 245 Rivard, Detroit, Mich.
Michigan Chair Co., piano benches, Grand Rapids, Mich.
Michigan Chemical Co., ethyl & wood alcohol, Bay City, Mich.
Michigan City Lumber & Coal Co., masons' & bldrs.' matls., Michigan City, Ind.
Michigan College of Mines, eng'ng schools & colleges, Houghton, Mich.
Michigan Copper & Brass Co., rods, rolling mill, tubing, wire brass, etc., 1611 W. Jefferson av, Detroit, Mich.
Michigan Cornices & Slate Works, 117 Fort, E., Detroit, Mich.
Michigan Crank Shaft Co., Lansing, Mich.
Michigan Desk Co., Grand Rapids, Mich.
Michigan Dredge Co., hoists, Bay City, Mich.
Michigan Electrochemical Co., blasting powder, chloride lime, caustic acid, etc., Menominee, Mich.
Michigan Elec. Welding Co., 514 Hart, Detroit, Mich.
Michigan Enameling Works, Kalamazoo, Mich.
Michigan, Eugene, Valve Co., 437 W Columbia, Detroit, Mich.
Michigan Felting Co., mattresses, Kalamazoo, Mich.
Michigan Forge & Iron Wks., 30 Richmond av, Detroit, Mich.
Michigan Furn. Co., Dept. H, Ann Arbor, Mich.
Michigan Glass Works, 481 Franklin, Detroit, Mich.
Michigan Grey Iron Castings Co., fndrs., Harbaugh & C, Detroit, Mich.
Michigan Hardware Co., Grand Rapids, Mich.
Michigan Hearse & Motor Co., 1500 Union av, S. E., Grand Rapids, Mich.
Michigan Hoop & Stave Co., Marinette, Wis.
Michigan Knitting Co., Lansing, Mich.
Michigan Ladder Co., Ypsilanti, Mich.
Michigan Leather Packing Co., 110 Antonine, Detroit, Mich.
Michigan Lubricator Co., 3643 Beaubien, Detroit, Mich.
Michigan Lbr. Co., 929 E. St. Clair, Indianapolis, Ind.
Michigan Mach. Co., lubricating pumps, 951 Porter, Detroit, Mich.
Michigan Machy. Mfg. Co., dies & drills, Ypsilanti, Mich.
Michigan Malleable Iron Co., journal boxes, Delray, Detroit, Mich.
Michigan Mfg. & Lumber Co., fact'y trucks, Holly, Mich.
Michigan Maple Block Co., Petoskey, Mich.
Michigan Metal Spinning & Mfg. Co., copper floats, 528 Woodridge, E., Detroit, Mich.
Michigan Milling Co., flour, Ann Arbor, Mich.
Michigan Motor Casting Co., Flint, Mich.
Michigan Motor Specialties Co., battery connectors, holders, spark plugs, etc., 26 Dubois, Detroit, Mich.
Michigan Optical Co., 83 Beacon, Detroit, Mich.
Michigan Paper Co., Plainwell, Mich.
Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.
Michigan Paste & Mfg. Co., 711 Fort, W., Detroit, Mich.
Michigan Pattern & Mach. Works, 1085 Jefferson av, E., Detroit, Mich.
Michigan Pipe Co., underground & creosoted wood conduits, Bay City, Mich.
Michigan Plumbing Supply Co., 346 E Jefferson, Detroit, Mich.
Michigan Porcelain Insulator Co., Hastings, Mich.
Michigan Porcelain Cement Co., Chelsea, Mich.
Michigan Press Co., Ypsilanti, Mich.
Michigan Pressed Brick Co., 480 Lawton, Detroit, Mich.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Michigan Refining & Preserving Co., Menominee, Mich.
Michigan Safety Furnace Pipe Co., 113 Fort, E., Detroit, Mich.
Michigan Salt Works, Marine City, Mich.
Michigan Sanitary Cloth Co., wiping cloths, Kalamazoo, Mich.
Michigan Saw Co., Saginaw, Mich.
Michigan Scrap Iron Co., Ironwood, Mich.
Michigan Screw Co., Lansing, Mich.
Michigan Seating Co., furniture, Dept. H, Jackson, Mich.
Michigan Show Case Co., 480 Fort, W., Detroit, Mich.
Michigan Smelting & Refining Co., smelters & refiners of lead, tin, etc., also copper bearing by-products, 1695 Jos. Campau, Detroit, Mich.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Michigan Stamping Co., Mack & Outer Belt Line, Detroit, Mich.
Michigan State Agricultural College, eng'ng schools & colleges, Lansing, Mich.
Michigan Steel Boat Co., motor boats, Kercheval & Connors, Detroit, Mich.
Michigan Steel Casting Co., 248 Guoin av, Detroit, Mich.
Michigan Storage Battery Co., 69 Atwater, E., Detroit, Mich.
Michigan Stove Co., cooking & heating appliances, Adair & Jeff, E. Detroit, Mich.
Michigan Sugar Co., Saginaw, Mich.
Michigan Supply Co., mill, facty. & plumbers' supplies, Lansing, Mich.
Michigan Tanning & Extract Co., Petosky, Mich.
Michigan Tea Rusk Co., cereal foods, Holland, Mich.
Michigan Tool Co., jigs, 402 E Jefferson, Detroit, Mich.
Michigan Trailer Co., auto. truck trailers, Kalamazoo, Mich.
Michigan Truck & Lumber Co., Holly, Mich.
Michigan Veneer Co., Alpena, Mich.
Michigan Washing Mach. Co., Muskegon, Mich.
Michigan Welding Co., Jackson, Mich.
Michigan Wheel Co., Grand Rapids, Mich.
Michigan Wire Cloth Co., monel metal wire, 2100 Howard, Detroit, Mich.
See advertising index at end of book.
Michigan Wire Fence Co., Adrian, Mich.
Michigan Wire Goods Co., potato scoops & ground mole traps, Niles, Mich.
Michigan Wood Preserving Co., creosoting wks., Century Bldg., Pittsburgh, Pa.
Michler, Wm. M., architect, Easton, Pa.
Michlovitz & Co., scrap iron, Harrisburg, Pa.
Mickelson, A. A., & Son, masons' & bldrs.' matls., Black Earth, Wis.
Mickelson, A. P., contractor, 511 9th, E., Salt Lake City, Utah.
Mickelson, Carl P., masons' & bldrs.' matls., Mason, Mich.
Mickle, Geo. T., Lumber Co., 30 N. La Salle, Chicago, Ill.
Mickle, H. L., Lumber Co., 914 2d Nat. Bk. Bldg., Cincinnati, O.
Micklethwaite, Thomas C., architect, Whitehall, Mont.
Micro Piston Ring Co., 116 Nassau, New York.
Micrometer Balance Scale Co., balata & mchsts., Troy, N. Y.
Mid-City Plumbing Supply Co., 1105 S. Western, Chicago, Ill.
Mid-Co. Gasoline Co., Tulsa, Okla.
Middle Creek Coal Co., Prestonburg, Ky.
Middle Georgia Fertilizer Co., Dublin, Ga.
Middle States Constr. Co., 524 Hudson, Columbus, Ohio.
Middle States Oil Co., 848 B. of L. E. Bldg., Cleveland, Ohio.
Middle Tenn. Milling Co., flour, Tullahoma, Tenn.
Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.
Middleburg Mills, tickings, Columbia, S. C.
Middleburg Stone Co., Elyria, Ohio.
Middlebury Marble Co., marble producers, Brandon, Vt.
Middleby-Marshall Oven Co., 769 W. Adams, Chicago, Ill.
Middleditch, Benj., buffing lathes, match plates, etc., Detroit, Mich.
Middleport Boiler Works, Middleport, O.
Middleport Brick Co., Middleport, Ohio.
Middlesex Aniline Co., Singer Bldg., New York.
Middlesex Machine Co., Lowell, Mass.
Middlesex Mach. Co., Inc., Middletown, Conn.
Middleton & Clark, masons' & bldrs.' matls., Highland Park, Ill.
Middleton Cooperage Co., lumber, Middleton, Mich.
Middleton, Howard W. See Middleton Nail Works (successors)
Middleton Nail Works, 911 Callowhill, Phila., Pa.
Middleton Union Warehouse Co., Middleton, Ga.
Middleton, Wm. B., architect, 110 W. Sidney av, Mount Vernon, N. Y.
Middletown Car Co., Middletown, Pa.
Middletown Coal Co., stone producers, Middletown, Conn.
Middletown Iron, Metal & Coal Co., Middletown, Pa.
Middletown Machine Co., see Willard Middletown Machine Co. (successors).
Middletown Machine Co., mchsts. & fndrs., Middletown, Ohio.
Middletown Milling Co., flour, Middletown, Va.
Mideke Supply Co., mill & factory supplies, Oklahoma, Okla.
Midgeley, Geo., sashes, doors & blinds, Eugene, Ore.
Midgeley Wire Co., whol. hdwe., 16 Foster, Worcester, Mass.
Midgley & Prentice, Inc., machy. dlrs., 30 Church, New York.
Midland Barge Co., steel barges, Midland, Pa.
Midland Brass Works, mchsts. & fndrs., Fort Worth, Tex.
Midland Bridge Co., Midland Bldg., Kansas City, Mo.
Midland Chemical Co., chloroform, Midland, Mich.
Midland Crusher-Pulverizer Co., 37 W. Van Buren, Chicago, Ill.
Midland Cut Glass Co., 183 N. Wabash av, Chicago, Ill.
Midland Furn. Co., Dept. H, Evansville, Ind.
Midland Glass & Plaint Co., see Pittsburgh Plate Glass Co. (successors).
Midland Glue Co., Madison, Ind.
Midland Iron Wks., machsts., Billings, Mont.
Midland Linseed Products Co., 1254 Cham. of Com., Minneapolis, Minn.
Midland Lbr. Co., Tacoma, Wash.
Midland Mach. Co., fndry molding machines, 1218 Hastings, Detroit, Mich.
Midland Metal Co., mchsts., 21st & Jefferson, Philadelphia, Pa.
Midland Metal Mfg. Co., Ottumwa, Ia.
Midland Petroleum Co., dealers, 111 W. Monroe, Chicago, Ill.
Midland Pottery Co., Zanesville, O.
Midland Steel Co., blast furnaces, Pittsburgh, Pa.
Midland Supply Co., baling presses, cigar lighters, etc., Davenport, Ia.
Midland Terra Cotta Co., 3 S. La Salle, Chicago, Ill.
Midland Tile Works, Midland, Mich.
Midmer, Reuben, & Son, organs, 375 Fulton, Brooklyn, N. Y.
Midnight Sun Packing Co., canned goods, Seattle, Wash.

Midvale Chemical Works, aniline oils, soap, etc., 610 Locust, St. Louis, Mo.
Midvale Mining & Mfg. Co., cements, compounds, ferro-alloys, etc., Central Nat'l Bk. Bldg., St. Louis, Mo.
Midvale Steel & Ordnance Co., Widener Bldg., Philadelphia, Pa.
Midvalley Coal Co., Anthracite Land Title bldg., Phila., Pa.
Midway Milling Co., flour, Steeles Tavern, Va.
Mid-West Box Co., paper, Kokomo, Ind.
Mid-West Box Co., Conway bldg,, Chicago, Ill.
Mid-West Construction Co., Dwight Bldg., Kansas City, Mo.
Midwest Engine Co., air compressors & Diesel oil engines, 19th & Martindale, Indianapolis, Ind.
Midwest Engineering & Equipment Co., ice machines, 617 Fulton, Chicago, Ill.
Midwest Forge & Steel Co., fdrs., Dept. H, East St. Louis, Ill.
Mid-West Fuel Co., coal mine, Henderson, Ky.
Mid-West Iron Works, Omaha, Neb.
Midwest Mfg. Co., auto jacks, McKnight bldg, Minneapolis, Minn.
Midwest Mfg. Co., machine tools, 1520 N. 13th, St. Louis, Mo.
Mid-West Refining Co., petroleum & its products, Denver, Colo.
Miehle Printing Press & Mfg. Co., 14th & Robey, Chicago, Ill.
Miehpaul Mfg. Co., sweaters, etc., Orchard & Tradl., Phila., Pa.
Mier Carriage & Buggy Co., Ligonier, Ind.
Mietz, August, Corp., engines, grey iron castings, pumps, etc., 430 E. 19th, New York.
Mifflinburg Body Co., auto bodies, Mifflinburg, Pa.
Mignon Wireless Corp., Elmira, N. Y.
Mihll & Allegretti, letter openers, Geneva, N. Y.
Mikesell Bros. Co., asbestos gloves, carbon brushes, etc,, 156 N. La Salle, Chicago, Ill. *See adv. index at end of book.*
Mikesell & Co., canned goods, Traverse City, Mich.
Milam, B. C., & Son, fishing reels, Frankfort, Ky.
Milan Independent, advtg. nov., 107 3d, Milan, Ill.
Milance, Dominic, contractor, 213 E. 183d, New York.
Milbrandt Mfg. Co., rolling & trolley ladders, 2419 N. 10th, St. Louis, Mo.
Milburn, Alex., Co., acetylene apparatus mfrs., 1420 W. Baltimore, Baltimore, Md.
Milburn, Heister & Co., architects, Union Sav. Bk. Bldg., Washington, D. C.
Milburn Wagon Co., Toledo, Ohio.
Milbury Atlantic Mfg. Co., bathing suits, 543 B'way, New York.
Milden Packing Co., canned goods, Sharps, Va.
Mildner & Eisen, architects, Hammond Bldg., Detroit, Mich.
Mildrum, W. W., Jewel Co., East Berlin, Conn.
Miles Bros., moving picture films, 1145 Mission, San Francisco, Cal.
Miles Bros. & Co., brushes, 1957 Pitkin av, Brooklyn, N. Y.
Miles Co., machsts., Jackson, Mich.
Miles, Franklins Co., screw mfrs., 205 Quarry, Phila., Pa.
Miles, Geo. W., chemists, 88 Broad, Boston, Mass.
Miles, Geo. W., Timber & Lbr Co., Arcade Bldg., St. Louis, Mo.
Miles Heating & Ventilating Co., Park Bldg., Cleveland, O.
Miles, Jas., & Sons Co., contractors, 393 Main, Worcester, Mass.
Miles Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
Miles Planting & Mfg. Co., sugar refineries, Burnside, La.
Miles-Tighe Contr. Co., Easton, Pa.
Miles & Bradt Co., contractors, Austell bldg., Atlanta, Ga.
Miley Soap Co., Providence, R. I.
Milford Canning Co., Milford, Ill.
Milford Iron Foundry, Milford, Mass.
Milford Lbr. Co., Milford, Del.
Milford Pink Granite Co., Milford, Mass.
Milford Pink Victoria White Granite Co., 405 Lexington av, New York
Milford, W., contractor, Calumet, Mich.
Milhaupt Co., carriages, Appleton, Wis.
Milholland, Geo., brick, Franklin, La.
Milholland, J. & J. B., Co., mchsts. & fdrs., 714 5th av, Pittsburgh, Pa.
Mill Engng & Constr Co., Waterbury, Conn.
Mill Hall Brick Wks., Mill Hall, Pa.
Mill & Mine Supply Co., 317 1st, Seattle, Wash.
Mill & Mine Supply Co., Akron, O.
Mill Remnants Co., polishing cloths, 19 Bond, New York.
Mill Shoals Canning Co., Mill Shoals, Ill.
Mill Shoals Cooperage Co., Mill Shoals, Ill.
Mill Specialties Co., mill & factory supplies, Westfield, Mass.
Mill Supply Co., Greenville, S. C.
Mill Supply Co., machy. dlrs., Troy, N. Y.
Mill Supps., trade publication, 537 S. Dearborn, Chicago, Ill.
Millar, Allison R., contractor, Bay City, Mich.
Millar, Chas., & Son Co., whol. hdwe. & plumbers', mill & facty. supplies, etc., Utica, N. Y.
Millar H. T. architect, Lightner bldg., Detroit, Mich.
Millar, Louis du P., architect, Pasadena, Cal.
Millar Wm. M., architect, 333 4th av, New York
Millard, Geo. P., Co., scrap iron, 26 Elwood Blvd., Rochester, N. Y.
Millard, H. E., stone producers, Annville, Pa.
Millard, J. W., & Bro., naval architects, 17 State, New York.
Millard, Jas., & Son, mchsts, & fndrs., Kingston, N. Y.
Millard Lumber Co., New Hamburg, N. Y.
Millboro Lbr. Co., Johnston, Pa.
Millbourne, L. M., canned goods, Kingston, Md.
Millbridge Packing Co., Millbridge, Me.
Millbrook Co., contractors, 481 Morris Park av, New York.
Millbrook Linen Wks., Inc., towels, Millbury, Mass.
Millbury Machine Co., Millbury, Mass.
Millbury Steel Foundry Co., steel castings, Millbury, Mass.
Milled Screw & Mach. Co., Sayre, Pa.
Milledgeville Brick Works, Milledgeville, Ga.
Milledgeville Oil Mills, Atlanta, Ga.
Millen, A., & Co., plate glass, 26 Kneeland, Boston, Mass. (tr.)
Millen Fertilizer Co., Millen, Ga.
Millen Portland Cement Co., Jamesville, N. Y.
Miller, A., Co., contr., Dept. H, Memphis, Tenn.
Miller, A. G., cooking apparatus, coffee udns, etc., 108 Centre, New York.
Miller, A. J., Four Point Hay Fork Co., Albion, Ill.
Miller, A. J., & Co., auto. metal bodies, Bellefontaine, Ohio.
Miller, A. L., Co., sash, door & blind, Conshohocken, Pa.
Miller, A. N., Saw Mill Co., ties, poles & posts, Seattle, Wash.
Miller, A. W., Mfg. Co., wood mortising machines, 3542 Liston av, Cincinnati, O.
Miller, Alex., stone, Chester, Pa.
Miller Anchor Co., Norwalk, Ohio.

Miller, B. F., transformers, Trenton, N. J.
Miller, B. P., contractor, North Vernon, Ind.
Miller, Baker & Strengson Building Co., U. T. Bldg., Detroit, Mich.
Miller, Bonner & Co., soap, St. Louis, Mo.
Miller, Brent Lbr. Co., Poly, Ala.
Miller Bros., cornices & skylights, Milwaukee, Wis.
Miller & Borcherding, contractors, Frisco Bldg., St. Louis, Mo.
Miller Broom Co., La Crosse, Wis.
Miller Bros., auto. bodies, Amesbury, Mass.
Miller Bros., contractors, Shelbyville, Ky., & Youngstown, Ohio.
Miller Bros., sash, door & blind, Lebanon, Pa.
Miller Bros. & Co., metal polish, 894 B'way, New York.
Miller Bros. Cutlery Co., ink erasers, knives & steel pens, Meriden, Conn.
Miller Bros. Hardware Co., Richmond, Ind.
Miller Bros. Lumber Co., Bellingham, Wash.
Miller-Bryant-Pierce Co., typewriter ribbons, carbons, etc., Aurora, Ill.
Miller, Butterworth Co., contrs., Little Rock, Ark.
Miller, C. Brownlow, machsts., Canton, Ohio.
Miller, C. C., architect, Washington, N. C.
Miller, C. D., furniture, Dept. H, Hagerstown, Md.
Miller, C. F., masons' & bldrs.' matls., Bedford, Ohio.
Miller, C. H., architect, Call Bldg., San Francisco, Cal.
Miller, C. H., Hardware Co., Huntingdon, Pa.
Miller, C., & Son, cornices, Fort Wayne, Ind.
Miller, C. W., & Co., meat packers, Newark, Ohio.
Miller Cabinet Co., Rochester, N. Y.
Miller & Chaffee, architects, Jefferson City, Mo.
Miller, Chas., wrenches, Syracuse, N. Y.
Miller, Chas. A., Co., plumbers' wood work, pipes, etc., Sturgis, Mich.
Miller Chas. E., contr., Galesburg, Ill.
Miller, Chas. E., rubber goods, tires, etc., Anderson, Ind.
Miller, Chas. E., archit., 116 Nassau, New York.
Miller, Chas. E., spark plugs, auto horns, 97 Reade, New York
Miller, Chas. E., Brick Mfg. Co., York, Pa.
Miller Chemical Engine Co., fire extinguishers, 839 Larrabee, Chicago, Ill.
Miller Chemical Engine Co., mchsts. & fdrs., 1411 W. 9th, Cleveland, Ohio.
Miller, Chester H., architect, 1st Sav. Bk. Bldg., Oakland, Cal.
Miller City Tile Co., Miller City, Ohio.
Miller, Clarence A., architect, 1738 Lamont av, Washington, D. C.
Miller, Clifford L., masons' & bldrs.' matls., 280 Madison av, New York.
Miller, Clyde, architect, 112 W. Adams, Chicago, Ill.
Miller & Co., buffing & polishing wheels, 12 William, Newark, N. J.
Miller Constr. Co., Empire buldg., Pittsburgh, Pa.
Miller Construction Co., Punxsutawney, Pa.
Miller, Cooper Ink Co., printing inks, Kansas City, Mo.
Miller & Coulson, masons' & bldrs.' matls., 5748 Ellsworth av, Pittsburgh, Pa.
Miller & Cramer, fertilizer mfrs., Woodsboro, Md.
Miller & Crowningshield, bench milling machs., Greenfield, Mass.
Miller, D. C., stone producers, Newburgh, N. Y.
Miller, D. H., & Co., canned goods, Moneta, Va.
Miller, Dan, Buggy Co., carriages, Alton, Ill.
Miller, David, stone producers, wkrs. & dlrs., 315 E. 103d, New York.
Miller & Devore Lumber Co., sash, door & blind, Meadville, Pa.
Miller & Doing, roof'g tile, metals, etc., 60 York, B'klyn, N. Y.
Miller, Du Brul & Peters Mfg. Co., cigar & cigarette machy., 507 E. Pearl, Cincinnati, Ohio
Miller & Dyatt Co., contractors, 47 W. 34th, New York.
Miller, E. A., architect, 1816 Royal av, Portland, Ore.
Miller, E. H., cornices, Easton, Pa.
Miller, E. L., fertilizer mfrs., Washington, C. H., Ohio.
Miller, E. M., Co., carriages, Quincy, Ill.
Miller, E. S., barrows, Stanwood, Ohio.
Miller, Earl F., architect, Manitowoc, Wis.
Miller, Edw., & Co., lamp burners, lamps, oil stoves, etc., Meriden, Conn.
Miller, Edw., Cornice & Roofing Co., Tacoma, Wash.
Miller Engine Co., marine gasoline, 2329-31 N. Talman av, Chicago, Ill.
Miller Engine & Foundry Wks., 2652 Long Beach av, Los Angeles, Cal.
Miller, Enoch, sash, door & blind, Mifflinburg, Pa.
Miller-Enwright Co., wholesale hdwe. & plumbers' supplies, Sacramento, Cal.
Miller, F. H., contr., Louisville, Ky.
Miller, F. W., Heating Co., McCormick Bldg., Chicago, Ill.
Miller Fertilizing Co., Md. Life Bldg., Baltimore, Md.
Miller Fibre Products Co., cans, 33 W Kinzie, Chicago, Ill.
Miller Fdry. Co., Uniontown, Pa.
Miller Fdry. & Specialty Co., North Tonawanda, N. Y.
Miller, Francis M., archit., De Land, Fla.
Miller, Frank, Co., harness oils, soap & dress'g, dyes, polishes, etc., 349 W. 26th, New York
Miller, Frank, Lbr. Co., Bridgeport, Conn.
Miller, Frank P., contractor, Columbia, Mo.
Miller, Frank P., fertilizer mfrs., Springtown, Pa.
Miller, Frank P., Paper Co., box board mfrs., East Downington, Pa.
Miller, Franklin, Bassett & Co., efficiency engrs., 347 Madison av, New York.
Miller, Fred R., Blank Book Co., pads, Williamsport, Pa.
Miller Furnace Co., Grand Rapids, Mich.
Miller G. A. contrs, Tampa, Fla.
Miller, G. L., cooperage stock, Java, N. Y.
Miller, G. W., Shingle Co., lumber, Acme, Wash.
Miller, Geo. B., architect, Grand Rapids, Wis.
Miller, Geo. H., architect, Bloomington, Ill.
Miller & Chittim, elec. contrs., Norwalk, Conn.
Miller & Dunn, lumber mfrs., Cle Elum, Wash.
Miller, Geo. H., landscape architect, 6 Beacon, Boston, Mass.
Miller, Geo. H., masons' & bldrs.' matls., Grand Rapids, Ohio.
Miller, Geo. H., motor boat bldrs., Patchogue, N. Y.
Miller, Geo. L., architect, 13 S. 3d av, Mount Vernon, N. Y.
Miller, Geo. T., contractor, Lebanon, Ind.
Miller & Gleason, carriages, Newport News, Va.
Miller & Graham, enamels, paints, etc., 21 S. Gay, Baltimore, Md.
Miller Grant Broom Corn Co., 128H N Mosley av, Wichita, Kans.
Miller, Grant C., architect, 6 N Michigan av, Chicago, Ill.

Miller, H. A., & Co., lumber, Williamsport, Pa.
Miller H. C., fertilizer mfr., Lula, Ga.
Miller, H. C., machsts., Waterford, N. Y.
Miller, H. M., architect, Roanoke, Va.
Miller, H. N., brick, Pleasantville, Ohio.
Miller, H., & Sons Co., contractors, May Bldg., Pittsburgh, Pa.
Miller Hdwe. Co., whol., Olean, N. Y.
Miller, Harry A., Mfg. Co., see Miller Engine & Foundry Wks (successors)
Miller & Hart, meat packers, Union Stock Yards, Chicago, Ill.
Miller & Herlocker, machsts., Los Angeles, Cal.
Miller, Herman, architect, Crozer Bldg., Philadelphia, Pa.
Miller & Hoy Mfg. Co., galvanized steel tanks, Kendallville, Ind.
Miller, Hugo V., architect, 646 24th, Milwaukee, Wis.
Miller, Hy., steam & hot water htg. contr., 384 E. 144th, New York.
Miller, Hy. F., & Sons Piano Co., 395 Boylston, Boston, Mass.
Miller, Hy. R., cornices, Easton, Pa.
Miller Improved Gas Engine Co., Springfield, Ohio.
Miller, Isaac J., cornices, 1926 S. Colorado, Philadelphia, Pa.
Miller J, architect, 10111 Euclid av, Cleveland, Ohio
Miller, J., cornices, Allentown, Pa.
Miller, J. A., brick, Bascom, Ohio.
Miller, J. A., & Bro., cornices, 427 N. Ashland, Chicago, Ill.
Miller, J. A., Co., acetyl salicylic acid, 233 B'way, New York.
Miller, J. B., architect, Lincoln, Neb.
Miller, J. B., Keyless Lock Co., Kent, O.
Miller, J. D. & J. L., flour mills, Millersburg, Ohio.
Miller, J. E., & Co., carriages, Columbus, Ga.
Miller, J. E., & Co., cutters, 330 W. Kinzie, Chicago, Ill.
Miller, J. F., & Bro., common brick, Bellingham, Wash.
Miller, J. H., contractor & sash, door & blind mfr., North Vernon, Ind.
Miller, J. Henry, Inc., contractor, cor. Eutaw & Franklin, Baltimore, Md.
Miller, J. L., granite, S. Quincy, Quincy, Mass.
Miller, J. M., architect, Old Arcade, Cleveland, Ohio.
Miller, J. M., flour mills, Ronceverte, W. Va.
Miller, J. M., Co., advtg. spec., 764 8th, Milwaukee, Wis.
Miller, J. R., architect, Lick Bldg., San Francisco, Cal.
Miller, J. S., Machy Co., mill & facty. supplies, 3 Wood, Pittsburgh, Pa.
Miller, J. W., Co., incubators & brooders, Rockford, Ill.
Miller, J. Walter, Co., hardware mnfrs., Lancaster, Pa.
Miller, Jacob, carriages, Palmyra, Pa.
Miller, Jas. G., Lumber Co., 11 S. La Salle, Chicago, Ill.
Miller, Jas. S., powder mfrs., Sumneytown, Pa.
Miller, Jesse E., machsts. & fndrs., North Manchester, Ind.
Miller, John, contr., Rochester, Minn.
Miller, John, lumber, Rochester, N. Y.
Miller, John A., ale beer pumps, 600 Bergen av, New York.
Miller, John K., Co., exhaust & blow piping, 1800 9th, Seattle, Wash.
Miller, John Lawson, architect, Goebel Bldg., Detroit, Mich.
Miller, Jno., Saddlery Co., Louisville, Ky.
Miller, John W., architect, 1650 Carmen av, Chicago, Ill.
Miller, John W., & Son, contractors, Alliance, O.
Miller, Jos., coal mine, 55 Liberty, New York.
Miller, Jos., mill & facty. supplies, 374 Atlantic av, Boston, Mass.
Miller, Jos. A., architect, Ashland blk, Chicago, Ill.
Miller, Jos., & Sons, lbr. & masons' & bldrs.' matls., Peoria, Ill
Miller, Judson J., & Son, contrs., Syracuse, N. Y.
Miller, Julius W., machsts., So. Norwalk, Conn.
Miller, L. J., agricultural implements, 1223 Harrison av, Cincinnati, Ohio.
Miller, L. L., landscape architect, 143 Liberty, New York.
Miller, L. Z., contractor, Akron, Pa.
Miller-Lampert Co., masons' & bldrs.' matls., Iowa Falls, Ia.
Miller, Lee, architect, 109 N Dearborn, Chicago, Ill.
Miller, Lewis A., contr., Meriden, Conn.
Miller Light & Fixture Co., 815 Gratiot av, Detroit, Mich.
Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
Miller Lime & Cement Co., Alton, Ill.
Miller-Link Lumber Co., Orange, Tex.
Miller Lock Co., mfrs., 4523 Tacony, Philadelphia, Pa.
Miller, Louis, common brick, Highland, Ill.
Miller, Louis E., machsts. & fndrs., Houston, Tex.
Miller Lumber Co., 893 Eagle, Buffalo, N. Y., & Marianna, Ark.
Miller Lbr. Co., sash, door & blind mfrs., Appleton, Wis.
Miller Lbr. Co., Sapa, Miss.
Miller, Lyman M. (Est. of), varnish, Chelsea, Mass.
Miller & McLean, mill & facty. supplies, 120 Liberty, New York.
Miller Mach. & Mould Works, Columbus, Ohio.
Miller Mfg. Co., cotton sheetings, Taylorsville, N. C.
Miller Mfg. Co., handles, Hicksville, O.
Miller Mfg. Co., oils, soap, etc., 668 Eddy, Providence, R. I.
Miller Mfg. Co., portable bldgs. & garages, 8000H Alabama av, St. Louis, Mo.
Miller Mfg. Co., sash, door & blind mfrs., Richmond, Va.
Miller Mfg. Co., spark plugs, Peekskill, N. Y.
Miller Mfg. Co., washing machs., Meyersdale, Pa.
Miller, Mark P., Milling Co., flour, Moscow, Idaho.
Miller, Martin C., architect, 52 Niagara, Buffalo, N. Y.
Miller & Mayo, architects, 465 Congress, Portland, Me.
Miller, M. H. & Sons, Mill Co., lbr., Van Buren, Wash.
Miller & Morrow, machsts., Sunnyside, Wash.
Miller, N. C., & Son, hay loaders, Dodgeville, Wis.
Miller, N. H., canned goods, Pleasantville, Ohio.
Miller, Nathan, & Sons, Ltd., steam fitters' supps., Fall River, Mass.
Miller-Newar Co., mill & facty. supplies, plbrs. supplies, 3302 Ogden av, Chicago, Ill.
Miller, O. A., Slate Co., Slatington, Pa.
Miller, O. A., Treeing Machine Co., Brockton, Mass.
Miller, O. F., contr., 226H Pratt block, Kalamazoo, Mich.
Miller Organ & Piano Co., Lebanon, Pa.
Miller, Orville J., mchsts. & fndrs., Bergen, N. Y.
Miller, Otho H., archit., McLachlen Bldg., Washington, D. C.
Miller, Owen, Elec. Co., machy., Lexington av & Thomas blvd, Pittsburgh, Pa.
Miller & Parsons, feed & flour mills, Corry, Pa.
Miller Pasteurizing Machine Co., Canton, Ohio.
Miller & Piehl, lumber & masons' & bldrs.' materials, Seymour, Wis.
Miller, R. N., machsts. & fndrs., Liberty, Pa.
Miller-Reed Co., contractors, 103 Park av, New York.
Miller & Rellium Co., harrows (toothless), College Corner, Ohio.
Miller Rubber Co., tires, druggists 'sundries, etc., Akron, Ohio.
Miller, S. E., contractor, Connersville, Ind.
Miller, S. R., broom corn, Dept. H, Wichita, Kans.
Miller, S. W., Piano Co., Sheboygan, Wis.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Miller Saw-Trimmer Co., automatic press feeders & lighting fixtures, Point bldg., Pittsburgh, Pa.
Miller & Short, see Miller & Dunn (successors)
Miller & Smith, carriages, Sidney, Ohio.
Miller & Son, architects, Dollar Savings Bk. Bldg., Youngstown, Ohio.
Miller & Stein, wholesale hardware, Wheeling, W. Va.
Miller Storage Battery Co., Toledo, Ohio.
Miller Supply Co., mine, mill & facty. supplies, 742H 3rd av, Huntington, W. Va.
Miller, T. B., Co., masons' & bldrs.' matls., Summit, N. J.
Miller, T. Frank, architect, 1012 Walnut, Philadelphia, Pa.
Miller, T. G., & Sons, confetti, Ithaca, N. Y.
Miller, T. J., lbr., Orange Grove, Miss.
Miller, T. M., Co., coffins, caskets, etc., Scranton, Pa.
Miller, T. R., Mill Co., lbr., Brewton, Ala.
Miller, T. T., Hardware Co., Easton, Pa.
Miller, Thos. C., mach'y dlrs., 78 Bible House, New York.
Miller, Thomas D., canned goods, Havre de Grace, Md.
Miller, Thos. E., contractor, Youngstown, O.
Miller, Thos. S., machsts. & fndrs., Andes, N. Y.
Miller, Thompkins & Co., paper bags, 485 Washington, New York.
Miller Trolley Shoe Co., W. Newton, Boston, Mass.
Miller-Ullen & Carter Hardware Co., Dexter, Mo.
Miller & Van Winkle, mfrs. of all kinds of springs, 18 Bridge, Brooklyn, N. Y.
Miller & Videe Lbr. Co., Beaumont, Texas.
Miller, W. B., & Co., lumber, Salisbury, Md.
Miller, W. B., & Son, wholesale hardware, contractors & machinists' tools & mill factory supplies, Springfield, Ill.
Miller, W. E., phosphorum copper, 17 State, New York.
Miller, W. F., mill & factory supplies, Barberton, O.
Miller, W. H., cornices & skylights, Galveston, Tex.
Miller, W. H., machst. & fndr., Bridgewater, Va.
Miller, W. H., & Son, flour mills, Warm Springs, Va.
Miller, W. H., & Sons, masons' & bldrs.' matls., Madison, Ind.
Miller, W. J., architect, 417 Market, San Francisco, Cal.
Miller, W. L., contractors, 171 Alford, Boston, Mass.
Miller, W. R., Co., furnaces, House Bldg., Pittsburgh, Pa.
Miller Wagon Co., Edina, Mo.
Miller, Walter F., architect, 46th & Packer av, Chicago, Ill.
Miller Waste Mfg. Co., Snyder & Swanson, Philadelphia, Pa.
Miller, Wm., willow ware mfrs., Liverpool, N. Y.
Miller, Wm. A., Machine & Elevator Mfg. Co., 1000 N. Main, St. Louis, Mo.
Miller, Wm. C., architect, 204 N. Karlir av, Chicago, Ill.
Miller, Wm., Co., wool combs, 228 Aborn, Providence, R. I.
Miller, Wm. G., contractor, 16 Bedford av, Brooklyn, N. Y.
Miller, Wm. Henry, archits., Sage blk, Ithaca, N. Y.
Miller, Wm. L., dock bldrs., Charlestown, Boston, Mass.
Miller, Wm. P. architect, 870 Broadway, New York.
Miller, Wm. P., Co., lubricating oils, 2316 S. Wabash av, Chicago, Ill.
Miller, Wm. P., Co., oils, machsts. & fndrs., 250 Greene, Brooklyn, N. Y.
Miller, Wm., Range & Furnace Co., 125 E 5th, Cincinnati, O.
Miller, William S., contractor, Harrisburg, Pa.
Miller, Wm. W., machst., Shillington, Pa.
Miller-Wilson Lbr. Co., Mineral, Wash.
Miller Wire Spring Department Bridgeport Chain Co., wire springs of all kinds, mfrs., 964 Crescent av, Bridgeport, Conn.
Miller & Woolley, architects, McIntyre bldg, Salt Lake City, Utah
Miller's, A. B., Sons, machsts. & fndrs., Stonington, Conn.
Miller's, A. D., Sons Co., oils, Columbus & Preble, Pittsburgh, Pa.
Millers Falls Co., electricians' drills, Millers Falls, Mass.
Millers Falls Co., mchsts. & fndrs., 28 Warren, New York.
Millers Falls Paper Co., Millers Falls, Mass.
Millers', H. J., Sons, nail mill mchy., Bridgewater, Mass.
Miller's, J. F., Sons, carriages, Vincennes, Ind.
Millers Milling Co., flour, Enid, Okla.
Millersburg Brick & Tile Co., Millersburg, Ohio.
Millersburg Fifth Wheel Co., Millersburg, Pa.
Millersburg Fdry. & Machine Works, Millersburg, Ohio.
Millett Core Oven Co., Springfield, Mass.
Milleville Bros., cornices, 679 Kercheval av, Detroit, Mich.
Millford Mfg. Co., boards & brushes, Mansfield, Ohio.
Millgard, D., & Co., marble interior work, Colfax, Wash.
Millheiser, E. L., brass fndrs., New Albany, Ind.
Millhiser Bag Co., Richmond, Va.
Millholen, B. D., mattresses, Cedar Rapids, Ia.
Millholland Mach. Co., lathes & screw machines, W. 23rd & Belt R. R.,, Indianapolis, Ind.
Millhouse Bros. & Co., hardware, wholesale, Galena, Ill.
Milliard, Julian, architect, Altoona, Pa.
Milligan, Chas., architect, Wilson, Wood & Roes, Pittsburgh, Pa.
Milligan Hardware & Supply Co., East Liverpool, O.
Milligan & Higgins Glue Co., 222 Front, New York.
Milligan, Madison L., fndr., New Albany, Ind.
Milligan & Nesbitt, masons' & bldrs' matls., Seattle, Wash.
Milligan, Rockwell, architect, 911 Locust, St. Louis, Mo.
Millikan, Lynn B., Inc., contractor, 1556 Lemcke annex, Indianapolis, Ind.
Milliken, B. F., & Son, tin plate, etc., Eastport, Me.
Milliken, H. O., architect, 4 E 39th, New York
Milliken, James, Hardwood Lbr. Co., Arkadelphia, Ark.
Milliken-Kellam Co., screens, Newton, N. J.
Milliken, L. W., & Son, mill facty. supplies, Franklin, Mass.
Milliken Mach. Works, turret heads, West Newton, Mass.
Milliken Refining Co., petroleum & its products, Merchants' Exch. Bldg., St. Louis, Mo.
Milliman, G. H., & Son, toys, North Tonawanda, N. Y.
Millington & Bradshaw, machsts., 69 N. J. R. R. av, Newark, N. J.
Millinocket Fndry. & Mach. Co., Millinocket, Me.
Milliron Bros., brick tile, Attica, O.
Millmade Const. Co., portable houses, 548 Water, Portland, Ore.
Millman, L. N., Stoll Bldg., Troy, N. Y.
Millman, S., & Son, architects, 1780 Pitkin av, Brooklyn, N. Y.
Millner, Frank, scrap iron, Trenton, N. J.
Millo, Pellegrino, & Son, contrs., 85 Steuben, Bridgeport, Conn.
Millott & Parker, architects, Sandusky, O.
Mills, A. D., lumber, Ramer, Ala.

Mills, Alber Brown, architect, 370 S. Prospect av, Park Ridge, Ill.
Mills, Andrew & Sons, tent contr., flag mfrs., yacht sails, etc., 53 South, New York.
Mills Bros., masons' & bldrs.' matls., Carbondale, Pa. & Springfield, Ohio.
Mills Bros. Co., mfg. chemists, 327 W. 3rd, Cincinnati, O.
Mills, Byron E., architect, 74 W Adams, Detroit, Mich.
Mills, C. E., Oil Co., Syracuse, N. Y.
Mills-Carleton Co., lbr., 1886 Carter rd, N. W., Cleveland, Ohio.
Mills Co. (The), steel factory equipment, 5320 St. Clair av, Cleveland, Ohio *See adv index at end of book*
Mills & Co., granite, Montpelier, Vt.
Mills-Ellsworth Co., automobiles, poles & shafts, Keokuk, Ia.
Mills, Elmer D., stone prod., Far Rockaway, N. Y.
Mills, Eugene D., brick, Hartford, Conn.
Mills, G. A., & Son, contractors, Benton Harbor, Mich.
Mills, Geo. A., architect, Morristown, N. J.
Mills, Geo. A., Woodworking Co., sashes, doors & blinds, Morristown, N. J.
Mills, H. E., Mfg. Co., core compounds, Syracuse, N. Y.
Mills, H. W., & Co., whol. hdwe., mill, facty. & steam fitters' supplies, 59 Washington, Paterson, N. J.
Mills, Harry C., elec. contr., Unionville, Conn.
Mills, Herbert L., mill & facty. supplies, New Britain, Conn.
Mills Iron Wks., 927 N. Main, Los Angeles, Cal.
Mills, J. C., Co., architect'l decorators, 44 Clinton, Bklyn, N. Y.
Mills, J. Layng, architect, 15 E. 40th, New York.
Mills, L. H., Co., steam fitters' supplies, Bridgeport, Conn.
Mills & Lupton Supply Co., mill & factory supplies, Chattanooga, Tenn.
Mills, Lyman D., Co., steam fitters' supplies, Middleton, Conn.
Mills & McClintock, steam fitters' supplies, Haverhill, Mass.
Mills Machine Co., Lawrence, Mass. & Vanburen, Ind.
Mills Mfg. Co., savers (gasoline fuel), Sabina, Ohio.
Mills, N. Lumber & Mfg. Co., sash, door & blind, St. Clair, Mich.
Mills Novelty Co., machsts. & fndrs., 221 S. Green, Chicago, Ill.
Mills & Ott, sash, door & blind mfrs., 216 George, Cincinnati, O.
Mills, R. C., advtg. nov. & spec., 525 Market, San Fran., Cal.
Mills, Rhines, Bellman & Nordoff, architects, Ohio Bldg., Toledo, & Schofield Bldg., Cleveland, Ohio.
Mills, Thos., & Bro., bakers & confec. machy., Thompson & 8th, Phila., Pa.
Mills & Van Kirk, architects, 616 Harrison bldg, Phila., Pa.
Mills, W. A., Brass Co., Port Chester, N. Y.
Mills, W. J., brass & bronze fndrs. & machsts., 25 Bainbridge, Brooklyn, N. Y.
Mills, W. L., architect, 605 E 62nd St., N., Portland, Ore
Mills, Wilbur T., Co., see Mills & Millspaugh Co. (successors).
Mills, Wm. H., architect, 721 Olive, St. Louis, Mo.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Millsap & Dickey, lbr., White Salmon, Wash.
Milltown Mfg. Co., chemicals, Milltown, N. J.
Millville Bottle Wks., glass, Millville, N. J.
Millville Mfg. Co., cotton sheetings, 626 Chestnut, Phila., Pa.
Millville Pulp & Products Co., Millville, N. J.
Milmine, H. B., & Co., machsts., Toledo, Ohio.
Milmoe, Alex. J., contractor, 83 Littleton av, Newark, N. J.
Milne, A., & Co., iron & steel imp., 741 Washington, New York.
Milne Alexander, contractor, Plainfield, N. J.
Milne, Alex, Granite Co., Barre, Vt.
Milne & Chalmers, granite, S. Quincy, Quincy, Mass.
Milne & Hector, granite, S. Quincy, Quincy, Mass.
Milne Lbr. Co., 1635H Grand Central Terminal, New York
Milne Mfg. Co., agricultural implements, Monmouth, Ill.
Milne Wm. Granite Co., Barre, Vt.
Milner Mfg. Co., machsts., Gerard, Pa.
Milner, Warren H., architects, Haight Bldg, Seattle, Wash.
Milnes Jno. Co., contractors, Richmond av, Port Richmond, N. Y.
Milnor & Goedman, steel imp., 17 Bridge, New York
Milone Constr. Co., 800 Broad, Newark, N. J.
Milstead Mfg. Co., cotton duck & canvas, Milstead, Ga.
Miltenberg Emil, ivory imprtrs, 563 B'way, New York
Miltiplex Display Fix. Co., 918 N. 10th, St. Louis, Mo.
Milton Boat Wks., dry docks, Rye, N. Y.
Milton Brick Co., Milton, Pa.
Milton Chemical Co., dustless floor mops & dustless dust cloths, 156 Sixth, Cambridge, Mass.
Milton Cork Co., 42 Wilson, Brooklyn, N. Y.
Milton Fertilizer Co., Milton, Del.
Milton Leather Board Co., Milton, N. H.
Milton Mfg. Co., carriages, Milton, Ind.
Milton Mfg. Co., rolling mill, Milton, Pa.
Milton Mill Co., flour, Milton, N. C.
Milton Piano Co., 772 12th av, New York
Milton S. G. & Son, cranes machinery, Franklin, Pa.
Milwain, W. E., architect, Albany Bldg., Oakland, Cal.
Milwaukee Air Power Pump Co., water supply systems, 886 3rd, Milwaukee, Wis.
Milwaukee Aluminum & Brass Fndry. Co., 295 Reed, Milwaukee, Wis.
Milwaukee Auto. Engine & Supply Co., 841 29th, Milwaukee, Wis.
Milwaukee Auto. Specialty Co., 711 Chestnut, Milwaukee, Wis.
Milwaukee Bag Co., cotton, burlap, jute bags, etc., 206 S. Water, Milwaukee, Wis.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Milwaukee Brewers' Specialty Co., 1919 St. Paul av, Milwaukee, Wis.
Milwaukee Bridge Co., steel structural work, 1400 34th, Milwaukee, Wis.
Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.
Milwaukee Brush Mfg. Co., Milwaukee, Wis.
See adv. index at end of book.
Milwaukee Building Co., Wright & Callender Bldg., Los Angeles, Cal.
Milwaukee Bldg. Supply Co., masons' & bldrs.' matls., 425 E. Water, Milwaukee, Wis.
Milwaukee Button Co., 710 Merrill blvd., Milwaukee, Wis.
Milwaukee Casket Co., 54 15th, Milwaukee, Wis.
Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.
Milwaukee Coke & Gas Co., coke mfrs., 425 E. Water, Milwaukee, Wis.
Milwaukee Concrete Mixer Co., 955 30th, Milwaukee, Wis.
Milwaukee Cork Grinding Mach. Co., 667 12th, Milwaukee, Wis.
Milwaukee Corrugating Co., sheet metal building products, Milwaukee, Wis.
Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.
Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
Milwaukee Dry Dock Co., ft. Washington, Milwaukee, Wis.
Milwaukee Dustless Brush Co., 22nd & Sycamore, Milwaukee, Wis.
Milwaukee Elec. Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Milwaukee Electric Ry. & L. Co., Public Service Bldg., Milwaukee, Wis.
Milwaukee Falls Lime Co., Milwaukee, Wis.
Milwaukee Flush Valve Co., 1017 Clybourn, Milwaukee, Wis.
Milwaukee Furn. Co., 832H Mission, San Francisco, Cal.
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac, Milwaukee, Wis.
Milwaukee Gas Light Co., 182 Wisconsin, Milwaukee, Wis.
Milwaukee Gas Specialty Co., lighters, 2017 Clybourn, Milwaukee, Wis.
Milwaukee General Construction Co., 857 8th av, Milwaukee, Wis.
Milwaukee Gummed Label & Seal Co., labels (gummed & plain), 161 Michigan, Milwaukee, Wis.
Milwaukee Hay Tool Co., agr. imp. mfrs., Layton Park, Milwaukee, Wis.
Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.
Milwaukee Label & Seal Co., 161-71 Michigan, Milwaukee, Wis.
Milwaukee Lace Paper Co., paper cups, 500 Lee av, Milwaukee, Wis.
Milwaukee Land Co., lbr., St. Joe, Idaho.
Milwaukee Leather Belting Co., 146 W. Water, Milwaukee, Wis.
Milwaukee Locomotive Mfg. Co., ft. Belleview pl., Milwaukee, Wis.
Milwaukee Lbr. Co., St. Maries, Idaho.
Milwaukee Malleable & Grey Iron Wks., Layton Pk., Milwaukee-Wis.
Milwaukee Metal Working Co., small mach. & engine parts, 383 Clinton, Milwaukee, Wis.
Milwaukee Mirror & Art Glass Wks., 203 B'way, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Milwaukee Paper Box Co., 712 So. Pierce, Milwaukee, Wis.
Milwaukee Parlor Frame Co., furn., Dept. H, Milwaukee, Wis.
Milwaukee Piano Mfg. Co., 270 W. Water, Milwaukee, Wis.
Milwaukee Reliance Boiler Wks., 1102 32d, Milwaukee, Wis.
Milwaukee River Canning Co., Thiensville, Wis.
Milwaukee Sand & Gravel Co., 779 N. Water, Milwaukee, Wis.
Milwaukee Seat & Tank Co., Milwaukee, Wis.
Milwaukee Separator Mfg. Co., 247 Madison, Milwaukee, Wis.
Milwaukee Shaper & Transmission Appliance Co., friction clutches, 1029 Cold Spring, Milwaukee, Wis.
Milwaukee Sidewalk Co., Matthews' Bldg., Milwaukee, Wis.
Milwaukee Soap Co., 379 4th av, Milwaukee, Wis.
Milwaukee Stamping Co., trunk & bag hdwe. mfrs., West Allis, Wis.
Milwaukee Steel Fndry. Co., 101 S. Water, Milwaukee, Wis.
Milwaukee Steel Post Co., 510 Iron Blk., Milwaukee, Wis.
Milwaukee Steel Type & Die Co., Milwaukee Wis.
Milwaukee Stove & Heater Co., 100 W. Water, Milwaukee, Wis.
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Milwaukee Tack Co., 27 & Wahl av, Milwaukee, Wis.
Milwaukee Talking Mach. Mfg. Co., 24 E. Water, Milwaukee, Wis.
Milwaukee Tallow & Grease Co., Vogels' Island, Milwaukee, Wis.
Milwaukee Tank Wks., Fratney & Becker, Milwaukee, Wis.
Milwaukee Tool & Forge Co., Milwaukee, Wis.
Milwaukee Vacuum Machy. Co., 195 B'way, Milwaukee, Wis.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Milwaukee Vault & Elec. Cabinet Box Co., 521 Market, Milwaukee, Wis.
Milwaukee Wadding & Comfort Mills, mattresses, 415 3d, Milwaukee, Wis.
Milwaukee Wood Preserving Co., Milwaukee, Wis.
Milwaukee Woven Wire Wks., 3014 Clarke, Milwaukee, Wis.
Milwood White Sand Co., Jackson, O.
Mimbres Valley Growers' & Canners' Assn., canned goods, Hondale, N. Mex.
Minard Run Chemical Co., Degolia, Pa.
Minaret Mills, hair cloth mfrs., Cambria & Ormes, Phila., Pa.
Minch John E., fertilizer mfrs., Bridgeton, N. J.
Minchin, Sidney H., architect, 140 S. Dearborn, Chicago, Ill.
Minckler P. K., cornices & skylights, Seattle, Wash.
Minden Cotton Oil & Ice Co., Minden, La.
Minden Lumber Co., Minden, La.
Mine & Mill Supply Co., Mulberry, Fla.
Mine Safety Appliances Co., 909 Chamber of Commerce bldg, Pittsburgh, Pa.
Mine & Smelter Supply Co., 42 B'way, New York
Mineola Mill Co., lumber, Mineola, Ga.
Mineola Naval Stores Co., Mineola, Ga.
Miner Bros., lumber, Carter, Wis.
Miner Co., contractors, Richland Center, Wis.
Miner-Edgar Co., wood alcohol, chemicals, clays, etc., 110 William, New York
Miner Edward F. Building Co., general contrs., 25 Foster, Worcester, Mass.
Miner F. W., machinist, Newport, Wash.
Miner & Frees Lumber Co., Ridgeway, Mo.
Miner & Peck Mfg. Co., drop presses, Derby, Conn.
Miner Stanley H., ties, poles, posts & lbr. mfrs., etc., 17 Battery pl., New York
Miner, Thos. T. W., acetylene gas & str. lamps, 821 Eagle av, New York
Miner, W. H., draw-bar attachments, etc., The Rookery, Chicago, Ill.
Mineral Lake Lumber Co., Tacoma, Wash.
Mineral Milling Co., flour, Mineral, Va.
Mineral Mining Co., Milwaukee, Wis.
Mineral Point Zinc Co., 140 S. Dearborn, Chicago, Ill.
Mineral Product Mfg. Co., ores, tungsten, tungstic acid, etc., Wilmington, Del.
Mineral Products Co., tanks, refrigerator linings & laundry tubs, Rhinelander, Wis.
Mineral Ridge Mfg. Co., mchsts. & fndrs., Mineral Ridge, Ohio.
Mineralized Rubber Co., hose racks, 11 Kirk, Newark, N. J.
Minerallac Electric Co., conduit hangers, insulating compounds, pins, time switches, etc., 1045 Washington blvd, Chicago, Ill.
Miners' Foundry & Supply Co., Nevada City, Cal.

Miners' Supply Co., miners' squibs, St. Clair, Schuylkill Co., Pa.
Minerva Engine Co., E 71st, Cleveland, Ohio
Minerva Mfg. Co., hardware, Minerva, O.
Minerva Motor Car Co., 1896 B'way, New York.
Minford Ribbon & Carbon Co., 9 Walker, New York.
Mingledorff & Co., boilers, Savannah, Ga.
Mingst, C. P., tool holders, Evansville, Ind.
Mingus & Rutter, lumber, Franklin Bank Bldg., Phila., Pa.
Miniature Storage Battery Co., Niagara Falls, N. Y.
Minier Bros., lumber, Nebo, Ill.
Mining Safety Device Co., Bowerston, O.
Mining World, trade publications, Monadnock bldg., Chicago, Ill.
Minks, Richard, architect, 290 Hoyt, Buffalo, N. Y.
Minneapolis Baby Carriage Co., 506 11th, Minneapolis, Minn.
Minneapolis Bedding Co., E. Henn. av & S. E. 5th, Minneapolis, Minn.
Minneapolis Brass & Iron Mfg. Co., 115 N. 9th, Minneapolis, Minn.
Minneapolis Brick & Supply Co., 3418 Marshall, Minneapolis, Minn.
Minneapolis Bridge Co., Metropolitan Life Bldg., Minneapolis, Minn
Minneapolis Cereal Co., 7th Lincoln Bldg., Minneapolis, Minn.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Electric & Const. Co., 112 S. 7th, Minneapolis, Minn.
Minneapolis Elect. Steel Castings Co., 38th av, N. E., & 5th, Minneapolis, Minn.
Minneapolis Furn. Co., 527H S E 9th, Minneapolis, Minn.
Minneapolis Furniture Co., 6th av & S. E. 9th, Minneapolis, Minn.
Minneapolis Gas Fixture Co., 814 Hennepin av, Minneapolis, Minn.
Minneapolis Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.
Minneapolis Iron Store Co., 512 Washington av, Minneapolis, Minn.
Minneapolis Laundry Machy. Co., 114 N. 11th, Minneapolis, Minn.
Minneapolis Lbr. Co., 943 Lbr. Ex., Minneapolis, Minn.
Minneapolis Mfg. Co., excelsior, 5th av & S. E. & E. Hennepin, Minneapolis, Minn.
Minneapolis Office & School Furniture Co., 801 S. E. 8th, Minneapolis, Minn.
Minneapolis Ornamental Iron Co., 143 27th av, S. E., Minneapolis, Minn.
Minneapolis Paper Co., 4th av, S. & 5th, Minneapolis, Minn.
Minneapolis Paving & Cement Brick Mfg. Co., Minneapolis, Minn.
Minneapolis Roofing & Cornice Co., 310½ Oak, S. E., S. 7th, Minneapolis, Minn.
Minneapolis Sand Lime Brick Co., 307 Kasota, Minneapolis, Minn.
Minneapolis Sash & Door Co., 962 Central av, N. E., Minneapolis, Minn.
Minneapolis Separator Co., machsts., Minneapolis, Minn.
Minneapolis Steel Co., H Morgan pk, Duluth, Minn.
Minneapolis Steel & Machy. Co., 2854 Minnehaha av, Minneapolis, Minn.; 220 W. So. Temple, Salt Lake City, Utah.
Minneapolis Stone Co., silos, Filmore & 16th av, N. E., Minneapolis, Minn.
Minneapolis Threshing Machine Co., Hopkins, Minneapolis, Minn.
Minneola Mfg. Co., cotton flannels, Gibsonville, N. C.
Minn. Billiard Co., 1520 Buffum, Milwaukee, Wis.
Minn. Boiler Compound Co., 248 Fairfield av, St. Paul, Minn.
Minn. Box Co., 827 Forest, St. Paul, Minn.
Minnesota Cement Constr. Co., Fergus Falls, Minn.
Minnesota Electric Co., switchboards, etc., 309-2nd av, Minneapolis, Minn.
Minn. Chandelier Co., 369 Jackson, St. Paul, Minn.
Minn. Crushed Stone Co., 1500 Johnson N. E., Minneapolis, Minn.
Minn. Equip't. Co., conduit benders, Minneapolis, Minn.
Minn. Fama Stonewood Co., 1704 Rondo, St. Paul, Minn.
Minn. Farmers Brick & Tile Co., Austin, Minn.
Minn. Fibre Co., flax & tow, Heron Lake, Minn.
Minn. Harness Factory, Winona, Minn.
Minn. Knitting Mills, sweaters, 514 St. Peter, St. Paul, Minn.
Minn. Koll Casket Co., 722 Central av, Minneapolis, Minn.
Minn. Linseed Oil Co., 1101 S. 3d, Minneapolis, Minn.
Minn. Lumber Co., Albert Lea, Minn.
Minn. Mining & Mfg. Co., flint paper, 791 Forest, St. Paul, Minn.
Minn. Moline Plow Co., 401-7 N. 3d, Minneapolis, Minn.
Minn. & Ontario Paper Co., International Falls, Minn.
Minn. & Ontario Power Co., Andrus Bldg., Minneapolis, Minn.
Minn. Pipe & Tile Co., Mankato, Minn.
Minn. Potato Starch Co., Anoka, Minn.
Minn. Radiator Co., machsts. & fndrs., Duluth, Minn.
Minn. Roofing & Cornices Wks., 135 E. 12th, St. Paul, Minn.
Mnn. Stove Co., Shakopee, Minn.
Minn. Tank Co., 920 6th av, Minneapolis, Minn.
Minn. Tent & Awning Co., 15 W. 3d, St. Paul, Minn.
Minnesota Tractor Co., Minneapolis, Minn.
Minn. Valley Canning Co., Le Sueur, Minn.
Minn. Western Lumber Co., Bellingham, Wash.
Minnet & Co., willow ware mfrs., 365 Lexington av, New York.
Minnetonka Canning Co., St. Bonifacius, Minn.
Minnetonna Co., churns, Owatonna, Minn.
Minnich, D. B., contractor, Chambersburg, Pa.
Minnich Mach. Wks., Landisville, Pa.
Minnick Constr. Co., Newcastle, Ind.
Minnick-Gibbons Co., contractors, 5309 Prospect av, Cleveland, Ohio.
Minnick, W. H., contrs., Marion, Ind.
Minor Bros., contractors, 222 W. Pratt, Baltimore, Md.
Minor, C. E., contractor, Fairmont, W. Va.
Minor Firebrick Co., Empire, Ohio.
Minor, Henry B., architect, South Norwalk, Conn.
Minor, Theo. C., architect, 10417 Ostend av, Cleveland, Ohio.
Minor, W. E., Disinfectant Co., 328 Champlain av, Cleveland, Ohio.
Minor, W. H., architect, Bowling Green, Ohio.
Minor, Wesley L., architect, 46 Cornhill, Boston, Mass.
Minot Packing Co., Mechanic Falls, Me.
Minotola Glass Co., glass bottles, Minotola, N. J.
Minsinger Bros., contractors, Shingiss nr. Locust, Pittsburgh, Pa.
Minster Mach. Co., Minster, Ohio.
Minter, E. W., & Co., contractors, 115 B'way, New York.
Minter Homes Corp., bldrs.' mtls., portable & knockdown houses, Huntington, W. Va.
Minter Mfg. Co., sash, door & blind mfrs., Bloomington, Ill.
Minton Bros., contrs., Ocean Grove, N. J.
Minton, Henry A., architect, 244 Kearney, San Francisco, Cal.
Minton, Richard, tubular boilers, 119 Sumner, E. B. Boston, Mass.
Minton, T. W., & Son, lumber, Barbourville, Ky.
Minton, Thos. F., contractors, 4 Hyde Park, Boston, Mass.
Minusa Kine Screen Co., projection screen, 2665 Morgan, St. Louis, Mo.
Minwax Co., acid proof paints, elastic cements, fire extinguishers, etc., 18 E. 41st, New York.
Minzing, Fred., brick, Delphos, Ohio.
Mione Mfg. Co., hand soap, Collingdale, Pa.
Miotke, Jos., machsts., 144 Clinton, Milwaukee, Wis.
Mir, Codina & Marques, cork mfrs., 592 Montgomery, Jersey City, N. J.
Mirabile Contrg. Co., White Plains & Morris Pk. avs, New York.
Mirc's Fuel-Oil Equipment Co., oil furnace mfrs., Lancaster, Pa.
Mirror Mfg. Co., 200 Greene, New York
Mirror Rouge Co., New Kensington, Pa.
Mirroscope Co., coffee mills, 168th & Waterloo, Cleveland, Ohio.
Miscampbell, H., lime hydrating machy., Duluth, Minn.
Misch, Otto, Co., contrs., Detroit Savings Bank bldg, Detroit, Mich.
Mischel, Geo., Sons, stone producers, Owensboro, Ky.
Mishawaka Machine Co., Mishawaka, Ind.
Mishawaka Woolen Mfg. Co., rubber goods, Mishawaka, Ind.
Mishler Mfg. Co., cloth mops, Smithville, Ohio.
Miskill, Edw. J., contractor, Hartford, Conn.
Missing Link Apple Co., canned, Clayton, Ill.
Missio, R. L., Brick & Supply Co., Memphis, Tenn.
Mission Fixture Co., elec. & gas light, 828 S. B'way, Los Angeles, Cal.
Mission Fdry. & Stove Works Treat av & 19th, San Francisco, Cal.
Mission Soap & Candle Wks., 18th & Harrison, San Francisco, Cal.
Mission Trunk Fcty., Los Angeles, Cal.
Missiquoi Lime Wks., High Gate Springs, Vt.
Missisquoi Pulp & Paper Co., Sheldon Springs, Vt.
Miss. Glass Co., 220 5th av, New York
Miss. L'br Co., 332 S. Michigan av, Chicago, Ill., & Vicksburg, Miss.
Miss. Pearl Button Co., Burlington, Ia.
Miss. Soft Pine Co., Canton, Miss.
Miss. Valley Constr. Co., De Menil Bldg., St. Louis, Mo.
Miss. Valley Mfg. Co., logging wagons, Quincy, Ill.
Miss. Valley Rubber Co., inner tubes, Iowa City, Iowa.
Miss. Valley Stove Wks., steel ranges, Fulton, Ill.
Missoula Brick & Tile Co., Missoula, Mont.
Missoula Lbr. Co., Missoula, Mont.
Missoula Mercantile Co., Missoula, Mont.
Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
Missouri Boiler & Sheet Iron Wks., stacks, tanks, etc., 23d & Paplin, St. Louis, Mo.
Missouri Brass Type Fdry. Co., 1620 W. 22d, St. Louis, Mo.
Missouri Bridge & Iron Co., Fullerton Bldg., St. Louis, Mo.
Missouri Chemical Wks., alkali mfrs., 4004 Duncan av, St. Louis, Mo.
Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.
Missouri Engine Co., St. Louis, Mo.
Missouri Fire Brick Co., Security bldg., St. Louis, Mo.
Missouri Fire Door & Cornice Co., St. Louis, Mo.
Missouri Furn. Co., 1436 N 20th, St. Louis, Mo.
Missouri Granite & Constr. Co., 3410 Gratiot av, St. Louis, Mo.
Missouri Hay Press Co., Moberly, Mo.
Missouri Iron Co., fndrs, International Life bldg., St. Louis, Mo.
Missouri Lamp & Mfg. Co., fire extinguishers, 114 Elm, St. Louis, Mo.
Missouri Lbr. Co., De Queen & Hot Springs, Ark.
Missouri Lumber & Land Exchange Co., Long Bldg., Kansas City, Mo.
Missouri Lbr. & Mining Co., West Eminence, Mo.
Missouri Malleable Iron Co., see National Malleable Casting Co. (successors).
Missouri Mattress & Glove Mfg. Co., Cape Girardeau, Mo.
Missouri Meerschaum Co., pipes (smoking), Washington, Mo.
Missouri Paint & Varnish Co., 514 De Sota, St. Louis, Mo.
Missouri Plate Glass Co., Valley Park, Mo.
Missouri Portland Cement Co., St. Louis, Mo.
Missouri Pottery & Mfg. Co., Kansas City, Mo.
Missouri Press Brick & Improvement Co., St. Louis, Mo.
Missouri School of Mines & Metallurgy, Rolla, Mo.
Missouri Stair Co., 4205 Forest Park blvd, St. Louis, Mo.
Missouri Tent & Awning Co., 2208 Chestnut, St. Louis, Mo.
Missouri Valley Bridge & Iron Co., Leavenworth, Kans.
Missouri Valley Const. Co., contrs., 3rd Nat'l Bk. Bldg., St. Louis, Mo.
Missouri Water & Steam Supply Co., St. Joseph, Mo.
Missouri Zinc Co., Beckemeyer, Ill.
Mitcham, R. W., architect, Camden, S. C.
Mitchel & Co., contrs., Binghamton, N. Y.
Mitchell, A., flour mills, Walkerton, Va.
Mitchell, A. H., contractor, La Crosse, Wis.
Mitchell, A. L., & Son, plumbers' washers, 1866 Atlantic av, Brooklyn, N. Y.
Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.
Mitchell, Benj. F., architect, Seaboard Bk. Bldg., Norfolk, Va.
Mitchell-Bissell Co., mill & facty. supplies, 251 4th av, New York.
Mitchell Brick Co., Lawrenceburg, Ind., & Lower River rd, Delhi, Cincinnati, Ohio.
Mitchell Bros., contractors, 2125 Race, Phila., Pa., & Spokane, Wash.
Mitchell Bros. Co., lumber, Cadillac, Mich.
Mitchell, C. G., architect, Johnson City, Tenn.
Mitchell C. D. & Son, contrs, Charleston, Ill.
Mitchell, C. H., Elev. Co., 522 N. Monroe, Chicago, Ill.
Mitchell, Chas. D., architect, Mitchell Bldg., Charleston, Ill.
Mitchell, Chas. W. B., architect, 129 E 27th, New York
Mitchell Clay Mfg. Co., brick, 5627 Manchester av, St. Louis, Mo.
Mitchell Co., Inc., machsts. & fndrs., steel structural work, Poughkeepsie, N. Y.

Mitchell Co., tubular boilers, mchsts. & fndrs., 621 W. 24th, New York.
Mitchell-Diggins Iron Co., blast furnaces, Cadillac, Mich.
Mitchell, F. A., mill & facty. supplies, 20th & Callowhill, Philadelphia, Pa.
Mitchell, F. C., machsts., 714 S. Dearborn, Chicago, Ill.
Mitchell, F. O., & Bro., canned goods, Perryman, Md.
Mitchell Fertilizer Co., 26 S. Water, Providence, R. I.
Mitchell, G. F., & Son, stamping works, Cedar & E. 65th, Cleveland, Ohio.
Mitchell, G. L., machsts. & fndrs., Ellensburg, Wash.
Mitchell, H., cornices & skylights, Salt Lake City, Utah.
Mitchell, H. B., & Co., whol. hdwe., Emlenton, Pa.
Mitchell Hardware Co., Ashtabula, Ohio.
Mitchell-Hughes Lbr. Co., Ward, Ala.
Mitchell, Isam, & Co., masons' & bldrs.' matls., Brockton, Mass.
Mitchell, J. D., fertilizer mfrs., Spring Valley, Ala.
Mitchell, J. E., masons' & bldrs.' matls., Glenolden, Pa.
Mitchell, J. H., contractor, Danville, Ill.
Mitchell, J. L., elec. contr., Oxnard, Cal.
Mitchell, J. S., & Bro., canned goods, Aberdeen, Md.
Mitchell, J. S., & Sons, sash, door & blind mfrs., Beaver Falls, Pa.
Mitchell, J. W., lumber, Rinaldo, Ky.
Mitchell, J. W., & Roberts, contractors, Madison, Wis.
Mitchell, Jas. E., contractors, 332 W. 24th, New York
Mitchell, Jas. J., contractor, Wilkes-Barre, Pa.
Mitchell, Jas. N., contractor, 4 S. Markoe, Philadelphia, Pa.
Mitchell, John, cornices & skylights, Helena, Mont.
Mitchell, John, machsts., 2224 Vine, Philadelphia, Pa.
Mitchell, John, Jr., Co., see Messer, Jas. A., Co., Inc. (successors).
Mitchell, Jno. R., Co., machsts., 702 S. Washington, Baltimore, Md.
Mitchell, Jno. W., contrs., Port Washington, N. Y.
Mitchell, Lewis M., architect, Manchester rd, Urbana, Ill.
Mitchell-Lewis & Staver Co., mill & facty. supplies, B'way & Everett, Portland, Ore.
Mitchell Lime Co., Allentown, Pa.
Mitchell, M., canned goods, Aberdeen, Md.
Mitchell Mfg. Co., barn equipments, cow stalls, stable fixtures & cattle stanchions, Milwaukee, Wis.
Mitchell Mfg. Co., laces, Portsmouth, Ohio.
Mitchell & Moffet, packing box mfrs., 54 Crosby, New York.
Mitchell Motors Co., automobile mfrs., Racine, Wis.
Mitchell Moulding Co., 946 W. 21st, Chicago, Ill.
Mitchell, Nichols, architect, Masonic Bldg., Augusta, Ga.
Mitchell, P. R., Co., curled hair, Harrison & Spring Grove av, Cincinnati, Ohio.
Mitchell Polishing Co., S. Quincy, Quincy, Mass.
Mitchell-Powers Hardware Co., Bristol, Va.
Mitchell, R. F. & G. H., canned goods, Aberdeen, Md.
Mitchell, Ralph M., canned goods, Aberdeen, Md.
Mitchell-Rand Mfg. Co., wax, paints, carbon brushes, etc., 18 Vesey, New York.
Mitchell, Robt., Furniture Co., 616 Race, Cincinnati, Ohio.
Mitchell, S. C., Co., lbr., Oroville, Wash.
Mitchell, Sam'l P. (Est. of), sash, door & blind mfrs., Yonkers, N. Y.
Mitchell & Sons Co., see Simplex Paper Co. (successors).
Mitchell & Sutherland, contractors, 166 Devonshire, Boston, Mass.
Mitchell, T. C., architect, Salisbury, Md.
Mitchell, T. J., architect, 140 Peachtree, Atlanta, Ga.
Mitchell & Mitchell Mfg. Co., furniture, Dept. H, Fort Smith, Ark.
Mitchell-Tappen Co., structural steel wk., 15 John, New York.
Mitchell Vance Co., machsts. & fndrs., 507 W. 24th, New York
Mitchell, W. G., Lbr. Co., Shortleaf, Ala.
Mitchell, W. H., masons' & bldrs.' matls., Morgantown, Ind.
Mitchell, W. K., & Co., lap joints, separators, traps, etc., 2940 Ellsworth, Phila., Pa.
Mitchell Wheel Co., Miamisburg, Ohio.
Mitchell, Wilson Co., contrs., Niagara Falls, N. Y.
Mitchell, Wm. W., lumber, Stevens Point, Wis.
Mithoff, H., & Co., whol. hdwe., 284 S. High, Columbus, Ohio.
Mitshkun, M., Co., machy. drls., 985 Dix, Detroit, Mich.
Mitsui & Co. (importers), 65 B'way, New York
Mittag & Volgar, carbon paper, Park Ridge, N. J.
Mittig, Frank B., architect, Kalamazoo, Mich.
Mitts & Merrill, special machinery, Saginaw, Mich.
Mix Stone Co., Schoharie, N. Y.
Mixer & Co., lbr., 168 Franklyn, Buffalo, N. Y.
Mixter, J. W., Saw Tool Co., saw gummers & cutters, Plymouth, Mass.
Mizner, Addison C., architect, Grand Central Termin., New York.
M. & M. Adjustable Wire Clamp Co., 2 5th, Minneapolis, Minn.
M. & M. Hardware Co., whol, Steubenville, Ohio.
M. & M. Mfg. Co., rubber, Akron, Ohio.
M. & M. Rail Clamp Co., 102 N. Parkway, Pittsburgh, Pa.
M. & N. Pattern & Model Works, 448 N. Halstead, Chicago, Ill.
Moab Canning Co., Moab, Utah.
Moak Mach. & Tool Co., castings, machsts. & fndrs., Port Huron, Mich.
Moate, J. M., fertilizer, Devereux, Ga.
Moatz, D. L., wood handles, Round Hill, Va.
Moback Hool & Machine Mfg. Co., special tools, milling & machine cutters, vises & contract machine work, 330 Atlantic av, Boston, Mass.
Moberg, C. J., die cast castings, Mount Vernon, N. Y.
Moberly Paving Brick Co., Moberly, Mo.
Mobile Coal Co., Mobile, Ala.
Mobile Mattress Co., Mobile, Ala.
Mobile River Sawmill Co., Mt. Vernon, Ala.
Mobile Roofing & Cornice Co., Mobile, Ala.
Mobile Steel Co., sheet metal products, Mobile, Ala.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Mobile Top Co., 16 Seldon, Detroit, Mich.
Mobley, G. W., machst., Waynesboro, Ga.
Mobley-Graham-Jones Co., whol. h'dwe., Danville, Va.
Mock, Isidor, contractor, 838 Flushing av, Brooklyn, N. Y.
Mock, Julius, & Sons, architect'l & ornament'l iron, 777 Rutland rd, Brooklyn, N. Y.
Mockbee, C. M., & Co., guy clamps & wire rope clips, 816 E. Pearl, Cincinnati, Ohio.
Mockbridge, Jas. D., carriages, Montclair, N. J.
Mockette Constr. Co., contractors, Camden, N. J.
Model Carriage Co., Houston, Tex.
Model Flour Mills, Greeley, Colo.
Model Fdry. & Mach. Co., Findlay, Ohio.
Model Generator Co., acet. gas generators, 1717-23 Magazine, Louisville, Ky.
Model Glass Wks., glass bottles, Summitville, Ind.
Model Incubator Co., Buffalo, N. Y.
Model Knitting Wks., Salt Lake City, Utah.
Model Mfg. Co., sweaters, cardigans, etc., 442 B'way, New York.
Model Mill Co., flour, Johnson City, Tenn.
Model Products Co., signs, clamps, stamping & drawing sheet metal, 9th & Venango, Phila., Pa.
Model Roller Mills Co., flour, Smiths Grove, Ky.
Model Shop, inventors' models, 80 1st, San Francisco, Cal.
Model Sign Works See Model Products Co. (successors)
Modena Cotton Mills, Gastonia, N. C.
Modern Bag Co., packing machs., East Orange, N. J.
Modern Bldg. Co., contrs., Louisville, Ky.
Modern Brass Fdy. Co., St. Louis, Mo.
Modern Broom Machy. Co., Dept. H, Davenport, Ia.
Modern Carriage Co., Seattle, Wash.
Modern Constr. Co., bldrs.' supplies, Grand Junction, Ia.
Modern Die & Plate Press Mfg. Co., machsts. & fndrs., Belleville, Ill.
Modern Die & Tool Co., 202 S. Penn, Indianapolis, Ind.
Modern Electric Co., Burlington, Ia.
Modern Elec. Co., fixture, 5317 Euclid av, Cleveland, Ohio.
Modern Electric & Machine Co., 936 Ft. Wayne av, Indianapolis, Ind.
Modern Engng. Co., oxy-acet. welding app., 23rd & Walnut, St. Louis, Mo.
Modern Equipt. Co., paper balers, Lockport, N. Y.
Modern Fndry. Co., 4601 Marburg, Oakley, Cincinnati, Ohio.
Modern Grinder Mfg. Co., tools grinders, 49 Oneida, Milwaukee, Wis.
Modern Hospital Publishing Co., Inc., 22 E Ontario, Chicago, Ill.
Modern Htg. Co., 3935 Olive, St. Louis, Mo.
Modern Iron Works, plbg., htg. & water supplies, Quincy, Ill.
Modern Lamp & Shade Co., portables, 1100 S. Wabash av, Chicago, Ill.
Modern Laundry Equipment Co., 551 Poplar, Cincinnati, Ohio.
Modern Laundry Mach. Co., 1907 Central, Kansas City, Mo.
Modern Machy. Co., bottle washing & soaking machines, Wilmington, Del.
Modern Machy. Exchange, 52 Walker, New York.
Modern Machy & Tool Co., stamping dies, 3551 Lincoln av, Chicago, Ill.
Modern Mfg. Co., ironing boards, mats, swings, etc., Hagerstown, Md.
Modern Mfg. Co., plbrs. supplies, 1872 E. 55th, Cleveland, O.
Modern Mfg. Co., stationers' spec., 543 N. Lawrence, Philadelphia, Pa.
Modern Miller, trade publication, Insurance Exchange, Chicago, Ill.
Modern Milling & Mfg. Co., flour, Waxahachie, Tex.
Modern Pattern Co., patterns & models, Springfield, O.
Modern Pattern & Machine Co., disc grinders, 123 Monroe, Detroit, Mich.
Modern Pen Co., fountain pen mfrs., 170 B'way, New York.
Modern Safety Gas Iron Co., 205 Cuthbert, Philadelphia, Pa.
Modern Steel Casting Co., 1400 53rd, Milwaukee, Wis.
Modern Stove Co., Chicago Heights, Ill.
Modern Tool Co., machine shop tools, 300 State, Erie, Pa.
See adv index at end of book
Modern Tool, Die & Machine Co. (The), 216-220 N. 4th, Columbus, Ohio.
Modern Toy Co., 181 Belmont av, Brooklyn, N. Y.
Modern Wagon & Carriage Co., 1948 Papin, St. Louis, Mo.
Modern Window Glass Co., Salem, W. Va.
Modesto Repressed Brick Co., Modesto, Cal.
Modjeski, Ralph, archi, engn., 220 S. Michigan av, Chicago, Ill.
Modjeski & Angier, inspecting engrs., New Era bldg. & Orchestra Bldg., Chicago, Ill.
Modoc Co., lubfg. oils, hand soap, etc., Fernwood, Pa.
Modoc Lbr. Co., Chiloquin, Ore.
Moedinger's, Jno. M., Sons, stone producers, Lancaster, Pa.
Moeller, A. E., mfrs. hydrometers & thermometers, 261 Sumpter, Brooklyn, N. Y.
Moeller, Edw. H., architect, 394 Pearl, Buffalo, N. Y.
Moeller, John H., cooperage stock, Mount Vernon, Ind.
Moellering Construction Co., Fort Wayne, Ind.
Moellering's, Wm., Sons, masons' & bldrs.' matls., Fort Wayne, Ind.
Moen Casket & Furniture Co., Peterson, Minn.
Moench, C., Sons Co., machsts., Gowanda, N. Y.
Moers, E. M., Sons, scrap metal, brass & copper, 183 South, New York
Moeszinger-Marquis Hardware Co., Clinton, Ia.
Moffat Coal Co., Gas & Electric Bldg., Denver, Colo.
Moffat, Frank D., & Co., pig iron & coke dlrs., 81 Fulton, New York.
Moffat, H. R., & J., auto. crankshafts & iron forgings, Waterbury, Conn.
Moffat, L., masons' & bldrs.' matls., Mamaroneck, N. Y.
Moffat Paper Goods Co., plain envelopes, New Haven, Conn.
Moffatt Co., contractors, Des Moines, Ia.
Moffatt Machinery Mfg. Co., Charlotte, N. C.
Moffet, C. W., contractor, 3008 4th av, S., Minneapolis, Minn.
Moffet & Mead, contractors, San Diego, Cal.
Moffett & Stewart, architects, Camden, N. J.
Moffit Iron Works Co., Sanford, N. C.
Moffitt, J. D., mast hoops, Scotland, Conn.
Mogadore Lumber & Supply Co., Mogadore, Ohio.
Mogey, W. & D., telescopes, Plainfield, N. J.
Mogul Co., paint & varnish imps., 45 W. 34th, New York.
Mogul Logging Co., lumber mfrs., Bellingham, Wash.
Mogul Metal Co., babbitt metal & die castings, 535 Larned W., Detroit, Mich.
Mogul Motor Truck Co., auto. bldrs., 4125 Forest Park blvd., St. Louis, Mo.
Mogul Wagon Co., Hopkinsville, Ky.
Mohawk Brush Co., Albany, N. Y.
Mohawk Clay Products Co., Perrysville, Ohio.
Mohawk Condensed Milk Co., 71 Hudson, New York.
Mohawk Elec. Mfg. Co., fire arms, 15 Kirk pl., Newark, N. J.
Mohawk Lbr. Co., Mohawk, Cal.
Mohawk Mach. Shop, Fonda, N. Y.
Mohawk Refining Co., lubricating oils, 1131 W. 11th, Cleveland, Ohio.

Mohawk Rubber Co., Akron, Ohio.
Mohawk Silk Fabric Co., knitted gloves, Fultonville, N. Y.
Mohawk Valley Broom Co., Fonda, N. Y.
Mohawk Valley Cap Facty., sweaters, Utica, N. Y.
Mohawk Valley Mfg. Co., machsts., Oneida, N. Y.
Mohawk Valley Paper Co., Little Falls, N. Y.
Mohegan Granite Co., 101 Park av, New York.
Mohegan Stove Co., Peekskill, N. Y.
Mohegan Tube Co., 306 Scott av, Brooklyn, N. Y.
Mohican Brass & Copper Works, king metals, 107 Liberty, New York
Mohican Pulp & Paper Co., Greenwich, N. Y.
Mohrlite Co., lighting fixtures, Urbana, Ohio.
Mohland & Co., machsts., Burlington, Ia.
Mohler, A., envelope moisteners & loose leaf devices, Box 453, Chicago, Ill.
Mohn, H., machsts. & fndrs., Lincoln, Ill.
Mohn, N. Edward, architect, Endicott Bldg., St. Paul, Minn.
Mohn, W. D., & Co., vise mfrs., Reading Pa.
Mohney, C. L., contractor, 615 W. Diamond, Pittsburgh, Pa.
Mohr, Chas. W., lbr., Spokane, Wash.
Mohr, C. F., masons' & bldrs.' matls., Portage, Wis.
Mohr, E. H., picks, mattocks, etc., Vera Cruz, Pa.
Mohr, Frederick J., architect, 1012 Dearborn, Chicago, Ill.
Mohr, Henry, Hardware Co. (wholesale), Tacoma, Wash.
Mohr, J. J., & Son, scrap iron, pig iron, coke, etc., H Bullitt bldg, Phila., Pa.
Mohr, John F., stone producers, Saginaw, Mich.
Mohr, John, & Sons, blast furnaces, rotaries, sterilizers, tanks, etc., 96th & Calumet, Chicago, Ill.
Mohr-Jones Hardware Co., wholesale hardware, Racine, Wis.
Mohr Lbr. Co., Tomahawk, Wis.
Mohr, Oscar P., architect, 728 Gravier, New Orleans, La.
Mohr, R., & Sons, optical goods, San Francisco, Cal.
Mohrlite Co., electrical fixtures, Urbana, Ohio.
Moise-Klinkner Co., advtg. nov. & spec., 369 Market, San Francisco, Cal.
Moistureproof Fibre Can Co., Dixon & River Pge, Detroit, Mich.
Moland's, Wm., Sons, meat packers, 120 Market, Philadelphia, Pa.
Molby, Boiler Co., 101 Park av., New York.
Molby, E. C., down draft boilers, 101 Park av, New York.
Moldenhour, H. A., architect, Alaska Bldg., Seattle, Wash.
Moline, C. H., stone producer, Waterloo, Ia.
Moline Fdry. Co., machsts. & fndrs., Moline, Ill.
Moline Furniture Wks., bank, office & store fix., Moline, Ill.
Moline Heat, vacuum & vapor htg. systems, Moline, Ill. (tr.)
Moline Heating & Constr. Co., Moline, Ill.
Moline Lbr. Co., Malvern, Ark.
Moline Malleable Iron Co., St. Charles, Ill.
Moline Paint Mfg. Co., Moline, Ill.
Moline Plow Co., Moline, Ill.
Moline Pressed Steel Co., East Moline, Ill.
Moline Stone Co., Moline, Ill.
Moline Tool Co., frog & switch drilling machs., Moline, Ill.
Molitor, Chas., Machy. Co., 118 S. Clinton, Chicago, Ill.
Molitor, J. D., & Bros., contrs., Duluth, Minn.
Molkenthin Mfg. Co., safety blades, Bloomfield, N. J.
Moll, Wm., clamps, pipe, 1660 Columbus rd, N. W., Cleveland, Ohio.
Mollenberg-Betz Mach. Co., 110 Washington, Buffalo, N. Y.
Mollenhauer Sugar Refin'g Co., Kent av, Brooklyn, N. Y.
Moller, M. P., organ mfrs., Hagerstown, Md.
Moller Machine Co., chucks & centers, 10 Lawton, New Rochelle, N. Y.
Moller, R. W., contractor, 1634 California, San Francisco, Cal.
Moller & Vanden Boom Lumber Co., Quincy, Ill.
Mollett, Chas., cornices, Champaign, Ill.
Mollineaux Bros., masons' & bldrs.' matls., Hempstead, N. Y.
Mollohon Mfg. Co., cotton sheetings, Newberry, S. C.
Moloch Co., mechanical stokers, power hammers, etc., Kaukauna, Wis.
Molohan, Dave, brick, Zenobia, Ill.
Moloney Belting Co., mill & factory supplies, 130 N. Franklin, Chicago, Ill.
Moloney Electric Co., transformers, 7th & Hickory, St. Louis, Mo.
Molony & Carter Co., fertz. mfrs., Charleston, S. C.
Molony, James, Sons, Inc., contrs., Schenectady, N. Y.
Molthrup Steel Products Co., Beaver Falls, Pa.
Moltz, Jacob J., machsts., Williamsport, Pa.
Moltz Lbr. Co., Lake Toxaway, N. C.
Molzahn & Lyons, contrs., La Crosse, Wis.
Momsen-Dunnegan-Ryan Co., wholesale hdwe., mill, facty. & plumbers' supplies, El Paso, Tex.
Monaco, Armand R., architect, 168 N. Michigan av, Chicago, Ill.
Monadnock Blanket Mills, Marlboro, N. H.
Monadnock Mills, cotton sheetings, Claremont, N. H.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Monaghan, James F., archit., 208 Newton, Waltham, Mass.
Monaghan, Paul, architect, Bailey bldg., Philadelphia, Pa.
Monaghan, M. C., granite, W. Quincy, Quincy, Mass.
Monahan Antiseptic Co. See Green Oil Soap Co.
Monahan, R. C. N., architect, Pawtucket, R. I.
Monahan Stone Co., Plum Point, Ia., Newark, N. J.
Monarch Aluminum Ware Co., 4613 Payne av, Cleveland, Ohio.
Monarch Black Board Struct. Slate Co., Slatington, Pa.
Monarch Boiler Arch Co., Milwaukee, Wis.
Monarch Box Co., packing, 925 N. Halsted, Chicago, Ill.
Monarch Brass Co., cocks, traps, valves, etc., Cleveland, Ohio.
Monarch Brush Co., hat brushes, Troy, N. Y.
Monarch Carriage Goods Co., Cincinnati, Ohio.
Monarch Cement Co., Humboldt, Kans.
Monarch Clay Mining Co. (The), ball, sagger & wad clays, Bellevue, Campbell Co., Ky. *See adv index at end of book*
Monarch Mills, sheetings, Union, S. C.
Monarch Elec. & Wire Co., 622 W. Adams, Chicago, Ill.
Monarch Engineering Co., Chamber of Com. Bldg., Buffalo, N. Y.
Monarch Engng. Co., mashsts., 230 E. 1st, Dayton, O.
Monarch Engineering & Mfg. Co., furnace mfrs., American Bldg., Baltimore, Md.
Monarch Expansion Bolt Co., 4326 W. 1st, Duluth, Minn.
Monarch Foundry Co., grey iron castings, Greenwood & G. T., Detroit, Mich.
Monarch Fdry Co., centrifugal pumps, Stockton, Cal.
Monarch Furn. Co., Dept. H, Jamestown, N. Y.
Monarch H'dwe Co., hose menders, 198-200 Terrace, Buffalo, N. Y.
Monarch Iron Wks., ornam'tl iron, 1159 Howard, San Francisco, Cal.
Monarch Knitting Co., sweaters, etc., Buffalo, N. Y.
Monarch Light Truck Co., Milwaukee, Wis.
Monarch Machine Mfg. Co., Grand Rapids, Mich.
Monarch Machine Tool Co., Sidney, Ohio.
Monarch Manifold Book Co., R. R. stationery, etc., West & Hubert, New York.
Monarch Mfg. Co., lubricants, oils & greases, Council Bluffs, Ia.
Monarch Metal Co., babbit, 119 S. Lincoln, Chicago, Ill.
Monarch Metal Weather Strip Co., 5020 Penrose, St. Louis, Mo.
Monarch Milling Co., flour, Elizabethton, Tenn., & Wytheville, Va.
Monarch Mills, cotton sheeting, Union, S. C.
Monarch Motor Mfg. Co., machsts., 4636 W. Madison, Chicago, Ill.
Monarch Paint Co., W. 70th, Cleveland, Ohio
Monarch Paper Co., Kalamazoo, Mich.
Monarch Pattern Wks., patterns, for castings, 1406 Mullett, Detroit, Mich.
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Monarch Screen & Mfg. Co., E. 39th, Los Angeles, Cal.
Monarch Soot Remover Co., Inc., 261 Franklin, Boston, Mass.
Monarch Steel Castings Co., Solvay & Wab. R. R., Detroit, Mich.
Monarch Supply Co., carbon paper & typewriter ribbons, 390 E. Main, Rochester, N. Y.
Monarch Telephone Mfg. Co., Fort Dodge, Ia.
Monarch Theatre Supply Co., 537 S Dearborn, Chicago, Ill.
Monarch Tire Co., Hartville, Ohio
Monarch Tool Co., Murdock bldg, Cincinnati, Ohio.
Monarch Tool Machy. Co., 522 S. Clinton, Chicago, Ill.
Monarch Tool & Machy. Co., 1901 S. Western av, Chicago, Ill.
Monarch Tool & Mfg. Co. (The), 122 Opera pl., Cincinnati, Ohio
Monarch Tractor Co., traction, gasoline engines, Watertown, Wis.
Monarch Valve Co., 112 Front, Brooklyn, N. Y.
Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.
Monash-Younker Co., separators, traps, valves, etc., 1407 W. Jackson blvd., Chicago, Ill.
Monatiquot Rubber Wks. Co., reclaimed rubber, So. Braintree, Mass.
Monce, S. G., hdwe. mfrs., stencils, etc., Unionville, Conn.
Moncrief Furnace Co., Dept. H, Atlanta, Ga.
Moncrief Mach. Co., jobbing machsts., Pawtucket, R. I.
Monday, Chas. E., & Co., contractors & consulting engineers, 1318 Olive, Philadelphia, Pa.
Mondo Constr. Co., Inc., City Bk. Bldg., Syracuse, N. Y.
Mondovi Co-operative Canning Co., Mondovi, Wis.
Monel Metal Products Corp., castings, etc., Bayonne, N. J.
Monessen Box Co., Monessen, Pa.
Monessen Brick Wks., Monessen, Pa.
Monessen Coal & Coke Co., Frick Bldg., Pittsburgh, Pa.
Monessen Fndry. & Mach. Co., Monessen, Pa.
Money, Chas., contractor, 52 Vanderbilt av, New York.
Monfils & Murphy Machine Co., Haverhill, Mass.
Monford, W. J., contractor, Poughkeepsie, N. Y.
Monger, C. L., Co., lumber mfrs., Elkhart, Ind.
Monger, R. W., Co., lumber mfrs., Elkhart, Ind.
Mongerson, Wm. R., elec. contr., Bakersfield, Cal.
Mongo, Geo., & Son, contractors, 482 Jackson av, New York.
Monico, Alexandro, mason, Bristol, Conn.
Monigban Machine Co., hoisting & hauling engines, derricks, excavators, etc., 2032 Carroll av, Chicago, Ill.
Moninger, John C., Co., greenhouse sash, 900 Blackhawk, Chicago, Ill.
Monitor Bi-Loop Radiator Co., radiator mfrs., Lancaster, Pa.
Monitor Boat & Engine Co., 217 Emet, Newark, N. J.
Monitor Controller Co., electric controller mfrs., 514 E. Lombard, Baltimore, Md.
Monitor Drill Co., St. Louis Park, Minn.
Monitor Furnace Co. See Monitor Stove Co. (successor)
Monitor Motor Car Co., Columbus, Ohio.
Monitor Oil Co., Cleveland, Ohio.
Monitor Sad Iron Co., Big Prairie, Ohio.
Monitor Stove Co., C. H. & D. Ry. nr. Gest, Cincinnati, Ohio
Monitor Time Clock Co., recorders, Syracuse, N. Y.
Monk, Chas., moulders' tools, 83 18th, Brooklyn, N. Y.
Monk, John, contractor, Sharon Bldg., San Francisco, Cal.
Mouls, T. A., contr., Montgomery, Ala.
Monks, G. R. M., architect, 148 Weld, Rochester, N. Y.
Monks, John, & Sons, contractors & dock bldrs., 82 Beaver, New York.
Monks & Johnson, architects, 99 Chauncey, Boston, Mass.
Monks & Johnson, architects, 50 E 42d, New York
Monks & Miller, masons' & bldrs.' matls., Seattle, Wash.
Monks-Ripley Pile Co., 82 Beaver, New York.
Monks, Wm. C., contractor, 503 5th av, New York.
Monmonier, Geo. B., contractor, 1711 McCulloh, Baltimore, Md.
Monmouth Brick & Tile Co., Monmouth, Ill.
Monmouth Canning Co., Portland, Me.
Monmouth Chem. Co., chlorate potassium, 106 Wall, New York.
Monmouth Clay Mfg. Co., sewer pipe & fittings, Monmouth, Ill.
Monmouth Contracting Co., Red Bank, N. J.
Monmouth County Farmers' Exchange, fertilizer mfrs., Freehold, N. J.
Monmouth-Galesburg Construction Co., Monmouth, Ill.
Mono Corp. of Am, gas analysis apparatus, 25 W Broadway, New York
Monmouth Plow Factory, Monmouth, Ill.
Monocacy Valley Canning Co., Frederick, Md.
Monolithic Silo & Construction Co., 122 S. Michigan av, Chicago, Ill.
Monon Crushed Stone Co., Monon, Ind.
Monongah Glass Co., beer mugs, tumblers, etc., Fairmont, W. Va.
Monongahela Boiler Wks., Monongahela, Pa.
Monongahela Clay Mfg. Co., brick, Monongahela, Pa.
Monongahela Constr. Co., Oliver Bldg., Pittsburgh, Pa.
Monongahela Iron & Steel Co., rolling mills, Oliver bldg, Pittsburgh, Pa.
Monongahela & Ohio Dredging Co., Oliver Bldg., Pittsburgh, Pa.
Monongahela Saw & Planing Mill Co., lumber, Monongahela, Pa.
Monongahela Stone Clay & Brick Co., Monongahela, Pa.
Monongahela Supply Co., mill & factory supplies, Morgantown, W. Va.
Monongahela Tube Co., iron rolling mills, Ferguson Bldg., Pittsburgh, Pa.

Monongahela Valley Traction Co., coal mine, Fairmont, W. Va.
Monongahela & Western Dredging Co., 7 Wood, Pittsburgh, Pa.
Monongahela & Yough. Fndry. Co., McKeesport, Pa.
Monroe Binder Board Co., Monroe, Mich.
Monroe Body Co., wood & metal auto bodies, Pontiac, Mich.
Monroe Brick & Builders' Supply Co., Monroe, La.
Monroe Bridge Paper Co., Monroe Bridge, Mass.
Monroe, C. F., Co., cut glassware, Meriden, Conn.
Monroe Calculating Mach. Co., So. Orange, N. J.
Monroe Canning & Packing Co., Monroe, Mich.
Monroe Color & Chem. Co., dinitrobenzol & intermediates, etc., Quincy, Ill.
Monroe Cotton Mills, Monroe, Ga.
Monroe County Canning Co., Brockport, N. Y.
Monroe County Chemical Co., starch mfrs., Fairport, N. Y.
Monroe County Oolithic Stone Co., Bloomington, Ind.
Monroe Foundry & Furnace Co., Monroe, Mich.
Monroe Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.
Monroe Hdwe. Co., Monroe, N. C.
Monroe Hardware Co., Ltd., Monroe, La.
Monroe & Johnson, contractors, Lebanon, Ohio.
Monroe Mfg. Co., coffins, caskets, etc., Webster, N. Y.
Monroe Mill Co., lbr. mfrs., Monroe, Wash.
Monroe Milling Co., flour, Selinsgrove, Pa.
Monroe & Monroe, dairy apparatus & supplies, Alexandria, Va.
Monroe Motor Co., Flint, Mich.
Monroe, N. S., & Sons, road graders, Arthur, Ill.
Monroe Novelty Co., brushes, Rochester, N. Y.
Monroe Oil & Fertilizer Co., Monroe, Ga.
Monroe Paper Co., Monroe, Mich.
Monroe Refrigerator Co., Lockland, Ohio.
Monroe, Sam'l, & Son Co., contractors, Portsmouth, Ohio.
Monroe Screen, Blind & Partition Co., blinds & wood rolling partitions, Lima, Ohio.
Monroe Shingle Co., Monroe, La.
Monroe Spec. Co., machsts., Monroe, Mich.
Monroe Spec. Co., metal polish, 6 Dover, New York.
Monroe Steel Castings Co., Monroe, Mich.
Monroe, W. H., turpentine, Blackman, Fla.
Monroe, W. H., Co., blinds & wood rolling partitions, Lima, O.
Monsanto Chemical Works, 1800 S. 2d, St. Louis, Mo.
Monschke & Co., carriages, Dallas, Tex.
Monson Bros., contractors, 1907 Bryant, San Francisco, Cal.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Monsted, A., Co., contractors, Pabst Bldg., Milwaukee, Wis.
Mont Alto Sand Co., Waynesboro, Pa.
Montag Bros., envelopes, Atlanta, Ga.
Montague City Rod Co., Montague City, Mass.
Montague Iron Works, marine castings, propeller wheels, 189 W. Madison, Chicago, Ill.
Montague Machine Co., Turners Falls, Mass.
Montague Mailing Mach. Co., Chattanooga, Tenn.
Montague Mfg. Co., lbr., sash, door & blind mfrs., 4 S. 10th, Richmond, Va.
Montague O'Reilly Co., contractors, Blake-McFall Bldg., Portland, Ore.
Montague Pipe & Steel Co. (successors to W. W. Montague & Co.), mfrs. of riveted steel pipe, high pressure pipe lines, oil & water tanks, steel flumes, syphons, stacks, montague well casing, Hobart Bldg., San Francisco, Cal.
Montague Range & Furnace Co., 826 Mission, San Francisco, Cal.
Montala Mfg. Co., cotton sheetings, Montgomery, Ala.
Montana Coal & Iron Co., Washoe, Mont.
Montana Culvert & Flume Co., Missoula, Mont.
Montana Hardware Co., Butte & Lewistown, Mont.
Montana Iron Wks., Butte, Montana.
Montana Mattress & Furniture Co., Butte, Mont.
Montana State School of Mines, Engng. School & Coll., Butte, Mont.
Montana Western Lbr. Co., Columbia Falls, Mont.
Montanini & Grillo, machsts. & fndrs., 155 W. Houston, New York.
Montauk Lther. Spec. Co., sailors' palms, 149 N. 1st, Brooklyn, N. Y.
Montauk Paint Co., furniture polish, etc., 170 2d av, Brooklyn, N. Y.
Montcalm Chemical Works, Indianapolis, Ind.
Montclair Jam Kitchens, canned goods, Montclair, N. J.
Monte Wrench Co., Shelbyville, Ind.
Monteath, J. H., Co., lbr. mfrs. & wholesale dlrs., 202 Lewis, New York.
Monterey Packing Co., 110 Market, San Francisco, Cal.
Montezuma Brick Wks., Montezuma, Ind.
Montezuma Fertilizer Co., Montezuma, Ga.
Montezuma Mach. Wks., machsts. & fndrs., Montezuma, Ind.
Montezuma Mfg. Co., cotton seed meal, Montezuma, Ga.
Montgomery Belting & Supply Co., leather belting, 147 W. Main, Morristown, Pa.
Montgomery Broom Mfg. Co., Grove City, Pa.
Montgomery Bros., belt dressing, packing mfrs. & rubber goods, 45 S. 2d, Philadelphia, Pa.
Montgomery Bros. & Co., lbr., sashes, doors, etc., Buffalo, N. Y.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Montgomery & Co., wholesale hdwe. & mill & facty, supplies, 105 Fulton, New York.
Montgomery Cordage Co., Montgomery, Ala.
Montgomery Cotton Mills, Montgomery, Ala.
Montgomery & Crawford, wholesale hdwe., mill & facty. supplies, Spartanburg, S. C.
Montgomery Elev. Co., Moline, Ill.
Montgomery Elev. Service, Kansas City, Mo.
Montgomery, F. W., htg. contrs., 29 Purchase, Boston, Mass.
Montgomery, G. S., architect, 17 Main, E., Rochester, N. Y.
Montgomery, H. P. Alan, architect, 105 W. 40th, New York.
Montgomery, Harry B., architect, Lewistown, Pa.
Montgomery, J. R., Co., tex. machy. (warps), Windsor Locks, Conn.
Montgomery, Jas., architect, Charlestown, W. Va.
Montgomery Land Co., brick, Yazoo City, Miss.
Montgomery Lime & Cement Co., Montgomery, Ala.
Montgomery Lbr. Co., Spring Hope, N. C.
Montgomery Lbr. Co., 52 Vanderbilt av, New York.
Montgomery Lumber Co., Suffolk, Va.
Montgomery Mattress Facty., Montgomery, Ala.
Montgomery & Nibecker, architect, Story Bldg, Los Angeles, Cal.
Montgomery, S. P., canned goods, Buchanan, Va.
Montgomery Slate Co., Shenandoah, Pa.
Montgomery Stave & Cooperage Co., Montgomery, Ala.
Montgomery Table & Desk Co., Montgomery, Pa.
Montgomery Tool & Mfg. Co., machsts., 1st, Madison, Dayton, O.
Montgomery, W. L, & Co., degras, 10 High, Boston, Mass.
Montgomery, W. M., & Co., meat, Anaconda, Mont.
Montgomery, Wesley, masons' & bldrs.' matls., Newark, Ohio.
Monticello Canning Co., Monticello, Ia.
Monticello Cotton Mills, Monticello, Ark.
Monticello Preserving Co., canned goods, Monticello, Minn.
Montigel, F., & Sons, cement contr., Redlands, Cal.
Montigel, J. M., machsts. & fndrs., Alma, Mich.
Montjoy, H. L., contr., Sandpoint, Idaho
Montour Brick Co., imperial, Pittsburgh, Pa.
Montour Steel Co., structural steel, Montour Falls, N. Y.
Montowese Brick Co., New Haven, Conn.
Montpelier Canning Co., Montpelier, Ohio.
Montpelier Mfg. Co., machsts. & fndrs., Montpelier, Ind.
Montreal River Lbr. Co., Saxon, Wis.
Montrose Lbr. Co., Montrose, Miss.
Montrose Milling Co., Montrose, Minn.
Montross, A. W., cornices, Warwick, N. Y.
Montvale Canning Co., Montvale, Va.
Montvale Lbr. Co., Fontana, N. C.
Monument Cornice Wks., 822 Hartford av, Baltimore, Md.
Monument Mills, tex. machy. (warps), Housatonic, Mass.
Monument Plaster Co., stucco mfrs., Harrison, N. J.
Monument Plumbing Supply Co., 2635 Locust, St. Louis, Mo.
Monument Pottery Co., Trenton, N. J.
Monumental Bronze Co., fndrs., Bridgeport, Conn.
Monumental Iron & Metal Co., scrap iron, 228 W. Pratt, Baltimore, Md.
Monumental News, trade publications, 538 S. Clark, Chicago, Ill.
Monville, Gilles & Co., barrel covers, 127 Catherine, Phila., Pa.
Moody Bros., contractors, Hartford & Scovill, Detroit, Mich.
Moody, Chas. J., machsts. & fndrs., Elgin, Ill.
Moody, E. A., cornices & skylights, Abbeville, Ga.
Moody Engng. Co., contr., 90 West, New York.
Moody, John, contractor, Galveston, Texas.
Moody, John, & Son, common brick, Carlinville, Ill.
Moody Mfg. Co., advtg. spec., 280 B'way, New York.
Moody, P. S., flour mills, Ellis, W. Va.
Moody, W. Frank, machsts., Loogoote, Ind.
Moomaw, C. M., sash, door & blind, Sugarcreek, Ohio.
Moomaw, J. C., Co., canned goods, Cloverdale, Va.
Moon Bros. Carriage Co. See Moon Bros. Mfg. Co. (successors)
Moon Bros. Mfg. Co., buggies & auto tire pumps, 4900 McKissock, St. Louis, Mo.
Moon, C. H., contractor, 220 E. 16th, Indianapolis, Ind.
Moon Clay & Kaolin Co., clay miners, Trenton, N. J.
Moon, D. B., architect, Lansing, Mich.
MOON, GEO. C., CO., wire rope, etc., Garwood, N. J.
See adv index at end of book.
Moon, Geo. O., & Co., flour mills, Binghamton, N. Y.
Moon-Hopkins Billing Mach. Co., adding typewriters, 2235 O'Fallon, St. Louis, Mo.
Moon, John, contractor, Lockport, N. Y.
Moon Mach. Co., auto parts & fittings, Muncie, Ind.
Moon Mfg. Co., electric light plants, generators, etc., 122 N. Jefferson, Chicago, Ill.
Moon Motor Car Co., 4400 N Main, St. Louis, Mo.
Moon-Williams Lbr. Co., Bray, Cal.
Mooney Belting Co., 844 W. 6th, Cincinnati, Ohio.
Mooney & Bauaman, boiler tube, hole cutters, 159 Linwood, Brooklyn, N. Y.
Mooney & Bueter, dies, 507 W. Jackson blvd, Chicago, Ill.
Mooney, Douglas & Pearson, whol. hdwe., mill & factory supplies, 193 Greenwich, New York.
Mooney, Elwood W., contractors, Asbury Park, N. J.
Mooney, Frank E., sashes, doors & blinds, Farmington, N. H.
Mooney, Jas. J., contractor, 333 E. 24th, New York.
Mooney, W. E., contractor, Evans Bldg., Washington, D. C.
Mooney, W. W., & Sons, leather—harness, Columbus, Ind.
Mooney, Wm. J., architect, 12514 Detroit av, Cleveland, Ohio
Moonlight Bait Co., Paw Paw, Mich.
Moore & Abeel, contrs., Wilmington, N. C.
Moore, Alred, contractor, Atlantic City, N. J.
Moore, Alfred F. See Philadelphia Insulated Wire Co. (successors)
Moore, Arthur J., clothes baskets, lbr., etc., Wells River, Vt.
Moore, Benj., & Co., paints, varnishes, etc., mfrs., 231 Front, Brooklyn, N. Y.
Moore, Benj., & Co., yacht sails, tarpaulins, wagon covers, etc., 27 South, New York.
Moore & Brady Co., canned goods, Key Highway & Boyle, Baltimore, Md.
Moore Bros., brick, Akely, Minn.
Moore Bros., files, auger bits, etc., Jamestown, N. Y.
Moore Bros. Co., machsts., Elizabeth, N. J., & Joliet, Ill.
Moore Bros. Co., soap, 288 Greenwich, New York.
Moore Bros. Crane Co., 39 S La Salle, Chicago, Ill.
See adv index at end of book
Moore Bros. Lighting Rod Co., Maryville, Mo.
Moore & Burgess Webbing Co., Concord Junction, Mass.
Moore & Burlingame, contractors, 110 Jessie, San Francisco, Cal.
Moore & Butts, machsts. & fndrs., West Newton, Pa.
Moore, C. C., bobbins, pegs (shoe), Lisbon, N. H.
Moore, C., & Co., rope, thread, twine, Dept. H, 5th & Market, Philadelphia, Pa.
Moore, C. H., machinist, Toledo, Ohio.
Moore, Chas., architect, Eau Claire, Wis.
Moore, Chas. C., & Co., machinery dealers, Sheldon Bldg., San Francisco, Cal.
Moore, Chas. P., shelf hdwe. boxes, Ravenswood, W. Va.
Moore, Charles P., & Co., hardware—whol., Spencer, W. Va.
Moore, Chas. T., contractor, Lansdowne, Pa.
Moore & Co., contractors, 12 Pemberton sq., Boston, Mass.
Moore & Co., machsts., 305 W. Grand av, Chicago, Ill.
Moore & Co., masons' & bldrs.' matls., Dallas, Texas.
Moore & Co., meat packers, Indianapolis, Ind.
Moore Combination Stores, whol. hdwe., Welch, W. Va.
Moore, Daniel, contractor, Fall River, Mass.
Moore, Dan'l E., sash, door & blind mfrs., Geneva, N. Y.
Moore & Danner, contractors, Kokomo, Ind.
Moore Drop Forging Co., Springfield, Mass.
Moore, E. C., & Son Co., metal polish, 11 Elizabeth W., Detroit, Mich.

Moore, E. S., contractor, Danville, Ill.
Moore, Eastwood Co., jigs, fixtures, dies & tools, etc., 116 E. 4th, Dayton, Ohio
Moore, Edgar M., & Co., steel struct. work, Farmers' Bank Bldg., Pittsburgh, Pa.
Moore Engineering Co., alloys, Hagerstown, Md.
Moore Filter Co., 50 E. 42nd, New York.
Moore, Frank A., architect, 542 5th av, New York.
Moore, Frank K., Co., machy. dlrs., 182 High, Boston, Mass
Moore, Franklin, Co., bolt, nut & rivet mfrs., Winsted, Conn.
Moore, Fred'k E., sash, door & blind mfr., Williamstown, Mass.
Moore, G. B., ball cocks, 100 Dwight, Springfield, Mass.
Moore, G. W., & Co., masons' & bldrs.' matls., Moore, Pa.
Moore, G. W., Constr. Co., Dallas, Texas.
Moore & Galloway Lumber Co., Fond Du Lac, Wis.
Moore, George A., architect, 44 Orchard, Cambridge, Mass.
Moore, Geo. A., & Co., grain bags, down & feathers, 212 California, San Francisco, Cal.
Moore, Geo. C., cotton waste, North Chelmsford, Mass.
Moore, Geo. W., Co., flour mill conveyors, etc., 2144 W Fulton, Chicago, Ill.
Moore, Geo. W., piano hdwe. mfrs., 44 Farnsworth, Boston, Mass.
Moore & Gibson Corp., broom holders, 307 6th av, New York.
Moore, Given, Co., feed grinding mills, Spring Valley, Ill.
Moore & Goodman, lumber, Galveston, Texas.
Moore, H. H., contractor, Spring Lake, N. J.
Moore-Handley Hardware Co., Birmingham, Ala.
Moore Hardware & Iron Co., Denver, Colo.
Moore, Harry S., contractor, Middletown, Conn.
Moore & Horkan, turpentine, Moultrie, Ga.
Moore, H. W., & Co., machy. dlrs., Dept. H, 18th & Wazee, Denver, Colo.
Moore, J. C., Co., parquet floors, 9 S. 18th, Philadelphia, Pa.
Moore, J. E., Lbr. Co., Mt. Grove, Va.
Moore, J., & I. E., writing inks & mucilage, Warren, Mass.
Moore, J. J., & Son, flour mills, Murray, Ky.
Moore, J. K., granite & stone producers, Bloomington, Ill.
Moore, J. N., lumber, Kelso, Wash.
Moore, J. S., architect, Weston, W. Va.
Moore, J. S., & Co., lbr., Greensboro, N. C.
Moore, J. W., Mach. Co., Spring & Second, Everett, Mass.
Moore, Jno. C., architect, White Plains, N. Y.
Moore, John C., Corp., loose leaf devices, Rochester, N. Y.
Moore, John L., contractor, 112 McAlvy, Pittsburgh, Pa.
Moore, John T., & Co., rural mail boxes, Terre Haute, Ind.
Moore, John V., architect, Lexington, Ky.
Moore, Joshua, pipe hangers & hooks, Marseilles, Ill.
Moore-Keppel & Co., lbr., Ellamore, W. Va.
Moore, L., Dry Kiln Co., Jacksonville, Fla.
Moore, L. E., Stave Co., Weiss Bldg., New Orelans, La.
Moore, L. F., masons' & bldrs.' matls., Lancaster, N. H.
Moore, L. F., Carriage Co., Knoxville, Tenn.
Moore & Landsiedel, architects, 3d av & 148th, New York.
Moore-Leland Paint & Oil Co., Charleston, S. C.
Moore Lime Co., Richmond, Va.
Moore & McFerren, lumber, Hoopeston, Ill.
Moore, M. A., Co., masons' & bldrs.' matls., Le Mars, Ia.
Moore, M. F., architect, Colorado Bldg., Washington, D. C.
Moore Machy. Co., 213 Guilford av, Baltimore, Md.
Moore Mfg. Co., furniture—church & lodge, Springfield, Mo.
Moore Mfg. Co., port. fireproof garages, Waterloo, Iowa.
Moore Mfg. Co., spring beds, Muncie, Ind.
Moore-Master Mfg. Co., machsts.; 3445 N. Western av, Chicago, Ill.
Moore Mill & Lbr. Co., Bandon, Ore.
Moore & Moore, masons' & bldrs.' matls., Waterloo, Ia.
Moore Motor Vehicle Co., 1st av & 5th, N. E., Minneapolis, Minn.
Moore & Munger, clays, minerals, etc., 29 Broadway, New York.
Moore Oil Co., fatty acid, York & McLean av, Cincinnati, Ohio.
Moore Peg Co., Lisbon, N. H.
Moore Plow & Implement Co., Greenville, Mich.
Moore-Prince & Co., turpentine, Pelham, Ga.
Moore Push-Pin Co., push-pins & thumb tacks, 133 Berkley, Philadelphia, Pa.
Moore, R. H., & Zimmerman, lbr. mfrs., Albany, N. Y.
Moore, R. P., Milling Co., flour, Princeton, Ind.
Moore & Richter Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.
Moore, Robert S., contractor, Lafayette, Ind.
Moore, S. B., architect, Wilson, N. C.
Moore Shipbldg. Co., Oakland, Cal.
Moore Steam Turbine Corp., Wellsville, N. Y.
Moore, Stewart, architect, Texarkana, Ark.
Moore, T. F., Co., advtg. novelties, 19 W. 44th, New York.
Moore, Thos. J., machsts. & fndrs., Blossburg, Pa.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moore Truck & Mfg. Co., barrel, Trenton, Mich.
Moore Vegetable Boiler Purger Co., 35 Bates, Detroit, Mich.
Moore, W. S., architect, 52 Vanderbilt av., New York
Moore, Warner & Co., masons' & bldrs.' matls., 17th, Richmond, Va.
Moore, Watson, contrs., 110 Jessie, San Francisco, Cal.
Moore & White Co., paper & pulp mill machy. mfrs., N. 15th & Lehigh av, Philadelphia, Pa.
Moore, Wm., Co., contractors, 1278 W. 4th, N. W., Cleveland, Ohio.
Moore, Wm. D., & Sons, contractors, Winthrop, Brooklyn, N. Y.
Moore, Wm. R., contractor, Far Hills, N. J.
Moore, Wm. R. (Coll. of Technology), engng. schools & coll., Memphis, Tenn.
Moore & Wyman Elev. & Mach. Wks., 72 Granite, S. B., Boston, Mass.
Moore & Young, contrs., Dept. H, Waterloo, Iowa
Moorefield, J. Frank, architect, McIver, N. C.
Moore's, A., Sons, contractors, 423 W. 50th, New York.
Moores-Bode Gravel Co., Tara & Geneva, San Francisco, Cal.
Moores-Coney Co., masons' & bldrs.' matls., St. Paul Bldg., Cincinnati, Ohio.
Moores Lime Co., crushed stone, Springfield, Ohio.
Moore's, Roger, Sons & Co., masons' & bldrs.' matls., Wilmington, N. C.
Moore's Telephone System, Caro, Mich.
Mooresville Cotton Mills, Mooresville, N. C.
Moorhead, A. R., masons' & bldrs.' matls., Walton, Kans.
Moorhead Bros. & Co., machsts. & fndrs., Sharpsburg, Pa.
Moorhead, H. S., contractor, 220 S. Highland av, Pittsburg, Pa.
Moorehead, J. R., Lumber Co., Lexington, Mo.
Moorhouse, G. W., oil supplies, Kinzua, Pa.
Moorhouse, R. T., Paper Co., 2655H Bridge, Bridesburg, Phila., Pa.
Moorman, A., & Co., architects, 501 Minneapolis, St. Paul, Minn.
Moorman, Eli S., & Son, boat oars & lbr., Plaquemine, La.
Moormann Bros., contractors, Bloomfield, N. J.
Moormon Bros. Co., contractors, Lynchburg, Va.
Moose River Lbr. Co., McKeever, N. Y.
Mooser, Wm., architect, Nevada Bk. Bldg., San Francisco, Cal.
Moosic Mfg. Co., canvas gloves, Moosic, Pa.
Mora Power Wagon Co., 5320 St. Clair av, Cleveland, Ohio.
Moran Boiler Co., steam htrs., Hopkins, Minn.
Moran Bolt & Nut Mfg. Co., Florida & 1st, St. Louis, Mo.
Moran Bros., flour, Bonne Terre, Mo.
Moran Co., meat packers, Marysville, Cal.
Moran, D. E. & J. F., carriages, New London, Conn.
Moran, D. W., stone producers, wkrs. & dlrs., 270 Burnside av, New York.
Moran Flexible Steam Joint Co., Louisville, Ky.
Moran & Hastings Mfg. Co., elec. light fix. mfrs., etc., 18 W. Washington, Chicago, Ill.
Moran Improvement Co., contrs., Monad Bldg., San Francisco, Cal.
Moran, John, contractor, Fitchburg, Mass.
Moran, John, & Son, bags & bagg'g, 213 Franklin, New York.
Moran, L. E., contrs., Keyser, W. Va.
Moran & Macnair, elec. light fix. mfrs., 72 W. Lake, Chicago, Ill.
Moran Mfg. Co., mill & factory supplies, Seattle, Wash.
Moran, P. J., contrs., Salt Lake City, Utah
Moran, Patrick, machsts. & fndrs., Grafton, W. Va.
Moran, R. J., htg. contrs., 1307 Atlantic av, Brooklyn, N. Y.
Moran, Robert, ship bldrs., Rosario, Wash.
Moran, Wm. Edgar, architect, 15 W. 38th, New York.
Morandi-Proctor Co., steel ranges, 86 Washington, Boston, Mass.
Moratz, Arthur F., architect, Bloomington, Ill.
Moratz, Paul O., flooring oak, Bloomington, Ill.
Morava Construction Co., 85th & Stewart av, Chicago, Ill.
Moravian Pottery & Tile Wks., Doylestown, Pa.
Moraw Bldg. Co., contrs., 127 N. Dearborn, Chicago, Ill.
Morawetz Co., auto. gloves, 217 E. Water, Milwaukee, Wis.
Morck, Wm. O., architect, Lombard Bldg., Indianapolis, Ind.
Morcombe, F. T., & Co., contractors, 155 Kneeland, Boston, Mass.
Morden Frog & Crossing Wks., switches, etc., 208 S. La Salle, Chicago, Ill.
Morden Mfg. Corp., loose leaf devices & key rings, Waterbury, Conn.
More, Jonas, Glass Co., Bridgeton, N. J.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Moreau, J. J., & Son, mill & factory supplies, Manchester, N. H.
Moree, Wm. B., Lbr. Co., Rochester, N. Y.
Morehead Mfg. Co., machsts & fndrs., Detroit, Mich.
Morehouse Bros. Co., sash, door & blind, Meriden, Conn.
Morehouse & Wells Co., wholesale hdwe., mill & facty. supplies, Decatur, Ill
Morel Bros., machsts. & fndrs., Wolcottville, Ind.
Moreland, A. M., & Co., pig iron & coke dlrs., Jenkins Arcade, Pittsburgh, Pa.
Moreland, H. D., Co., contractors, 105 N. Clark, Chicago, Ill.
Moreland Motor Truck Co., Los Angeles, Cal.
Morell, Jas., machsts. & fndrs., Van Buren, Ark.
Morell & Nichols, landscape architects, Palace Bldg., Minneapolis, Minn.
Morelli, Nicholas A., architect, Orange, N. J.
Morency-Van Buren Mfg. Co., machsts. & fndrs., Sturgis, Mich.
Moreng, Jos., Iron Wks., 208 E. 19th, New York.
Moreno-Burkham Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.
Morenus, E., Co., thermometers, Cleveland, N. Y.
Morenus Piano Co., 342 W. Huron, Chicago, Ill.
Moresi, Antoine, Co., Ltd., Jeanerette, La.
Morewood Standard Safety Devices Co., window bolts & display fixtures, 253 B'way, New York.
Morey, Alex W., machsts., Troy, N. Y.
Morey, Arthur G., architect, 4421 N Clark, Chicago, Ill.
Morey, Chas. H., lbr., Bemis, N. H.
Morey, Clarence E., organs, Utica, N. Y.
Morey Clay Products Co., Ottumwa, Ia.
Morey & Co., Inc., machinery dealers, 410 Broome, New York
Morey Flux & Chemical Co., welding compound, Parkesburg, Pa.
Morey, Richard, contractor, Chemical Bldg., St. Louis, Mo.
Morgan, A. J., Coal Co., Bellaire, Ohio.
Morgan, Austin Co., sashes, doors & blinds, Greenville, S. C.
Morgan Bros., sash, door & blind mfrs., Burlington, Vt.
Morgan, C. Stanley, pipe & boiler coverings, 55 Wayne, Detroit, Mich.
Morgan Canning Co., Morgan, Utah.
Morgan Carriage Co., Wheeling, W. Va.
Morgan Casket Co., 572 Park av, Brooklyn, N. Y.
Morgan, Chas. L., architect, 116 S. Michigan av, Chicago, Ill.
Morgan, Clark System Co., vacuum heating systems, 382 Exchange, Rochester, N. Y.
Morgan Co., built-in furniture, Oshkosh, Wis.
Morgan Co., sash, door, blind & lbr. mfrs. & wholesale dlrs., 21 E. 40th, New York.
Morgan Construction Co., wire & rolling mill machy., Worcester, Mass.
Morgan Crucible Co., carbon brushes, 519 W. 38th, New York.
Morgan & Dillon, architects, Grant Bldg., Atlanta, Ga. (tr.)
Morgan Drug Co., soap, 1512 Atlantic av, Brooklyn, N. Y.
Morgan, E., contractor, Savannah, Ga.
Morgan, E. E., masons' & bldrs.' matls., Ravenna, Ohio.
Morgan, E. S., machsts., Dublin, Ind.
Morgan, Edw., Mach. Co., 35 Vesey, Newark, N. J.
Morgan Engineering Co. (The), Alliance, Ohio
Morgan Envelope Co., toilet paper & holders, Springfield, Mass.
Morgan-Gardner Elec. Co., coal cutting & mining machines, 2640 Shields av, Chicago, Ill.
Morgan, Geo. W., architect, East Haddam, Conn.
Morgan & Hamilton Co., bag & bagging, Nashville, Tenn.
Morgan & Horton, masons' & bldrs.' matls., Jackson, Ohio.
Morgan & Humiston Co., plate glass, New Haven, Conn.
Morgan, J. E., contractor, El Paso, Tex.
Morgan, J. F., & Son, heaters, Lynn, Mass.
Morgan, J. M., & Co., contrs., Dept. H, Woodward bldg. Birmingham, Ala.

Morgan, Jas. T., contr., Hillsboro, Ill.
Morgan, John, lbr. mfrs., Guys Mills, Pa.
Morgan, John, & Sons, stained glass, 96 5th av, New York, & 17 Union av, Brooklyn, N. Y.
Morgan, John T., & Son, flour mills, Stone Mountain Va.
Morgan, Julia, architect, Merchants' Ex. Bldg., San Francisco, Cal.
Morgan Knitting Mills, sweaters, 457 18th av, Newark, N. J.
Morgan Lbr. & Cedar Co., Oshkosh, Wis.
Morgan Lbr. Co., Madison, Ga., & Nagron, Wash.
Morgan Lumber & Mfg. Co., bank fixtures, Charleston, W. Va.
Morgan Machine Co., boxmakers machinery, Rochester, N. Y.
Morgan Mfg. Co., Inc., hose clamps, piston rings, spark plugs, airplane parts, etc., Keene, N. H.
Morgan Mfg. Co., wooden handles, Wyaconda, Mo.
Morgan & Morgan, contractors, Madison, Wis.
Morgan, O. E., lumber, Gresham, Wis.
Morgan Paint Co., Reading, Pa.
Morgan, S. D., architect, Lisbon, N. H.
Morgan Sash & Door Co., columns, lumber, moulding, etc., 2287 Blue Island av, Chicago, Ill.
Morgan Silver Plate Co., hdwe. mfrs., Winsted, Conn.
Morgan Steel & Wire Co., fence staples, Kokomo, Ind.
Morgan Veneer Co., Pine Bluff, Ark.
Morgan Vise Co., 37 S Desplaines, Chicago, Ill.
Morgan, W., & Co., heating contractors, Monadnock, San Francisco, Cal.
Morgan-West Box Co., packing, Memphis, Tenn.
Morgan, Wm., cornices, Mahanoy City, Pa.
Morgan, Wm. Z., contr., Kokomo, Ind.
Morgan & Williams Co., carriages, Warren, Ohio.
Morgan & Wright, rubber tires, etc., ft. of Bellevue, Detroit, Mich.
Morgan's C. Sons, wholesale hdwe., Wilkes-Barre, Pa.
Morgan's Enoch Sons Co., soap, 439 West, New York.
Morgans & Wilcox Mfg. Co., machsts., Middletown, N. Y.
Morgantown Brick Co., masons' & bldrs.' matls., Morgantown, W. Va.
Morgantown Hardware Co., cornices & skylights, Morgantown, W. Va.
Morgantown Packing Co., canned goods, Morgantown, Ind.
Morgenstern & Brill, advert. nov. & specialties, 26 W. 17th, New York.
Morgenstern & Co., pharmaceuticals, 31 Park pl, New York.
Morgenstern, F. Louis, contractor, Easton, Pa.
Morgenstern, Geo. A., architect, Easton, Pa.
Moriarty Bros., cornices & skylights, South Hadley Falls, Mass.
Moriarty, E. A., cornices, Torrington, Conn.
Moriarty, G. J., range boilers, 28 Harvard, Boston, Mass.
Moriarty, W. H., lbr., Waitsfield, Vt.
Morimura Bros., Japanese lanterns, 55 W. 23d, New York.
Morin, Eugene, architect, Missoula, Mont.
Morin, J. B., contractor, Lowell, Mass.
Morin Saw Gauge Mfg. Co., Seattle, Wash.
Morine, Nels M., contr., Western Springs, Ill.
Morison, Augustus B., architect, Hasbrouck Heights, N. J.
Morison Bros., fertilizer mfrs., Bangor, Me.
Morison, David, contractor, 119 W. 33d, New York.
Morison, W. K., & Co., wholesale hdwe., mill & facty. supplies, 15 S. 7th, Minneapolis, Minn.
Moritz, F. G., masons' & bldrs.' matls., Pabst Bldg., Milwaukee, Wis.
Moritz, G., contr., Peoria, Ill.
Moritz, Herman, & Excelsior Shrinking Co., machy., 194 Greene, New York.
Moritz, Isaac, cornices & skylights, 1192 2d av, New York.
Mork, P. F., fndrs., Beloit, Wis.
Morkrum Co., machsts., 1410 Wrightwood av, Chicago, Ill.
Morley Bros., auto accessories, harness mfrs., wholesale hdwe., mill & factory supplies, Saginaw, Mich.
Morley Button Mfg. Co., upholsterers' tacks, Portsmouth, N. H.
Morley Cypress Co., Morley, La.
Morley Mfg. Co., shoe buttons, insulating washers, 120 Boylston, Boston, Mass.
Morley-Murphy H'dwe Co., Green Bay, Wis.
Morley, Patrick J., contractor, 709 Wyandote, Kansas City, Mo.
Morlock Machine Works, Danbury, Conn.
Morlok, F., canned goods, Abingdon, Md.
Morman, S. A., & Co., machsts. & bldrs.' matls., Grand Rapids, Mich.
Morner & Smith, patterns & models, Dayton, Ohio.
Morningstar, Chas., & Co., Inc., sizing comp'ds, tapico flour & sealing wax, 349 B'way, New York
Moro Stave Co., Houlka, Miss.
Moroff, John, & Son, contractors, Bradley, Ill.
Moroney Hardware Co., Dallas, Tex.
Morphett, Archibald S., architect, 6018 Harper av, Chicago, Ill.
Morral Bros., machinists, Morral, Ohio.
Morral Clay Co., Morral, Ohio.
Morral Drain Tile Co., brick, Morral, Ohio.
Morreau Co., machsts. & fndrs., 1305 Oregon av, N. E., Cleveland, Ohio.
Morrell, Chas. E., Jr., contrs., Cleveland bldg, Greenville
Morrell, John, & Co., canned goods & meat packers, Ottumwa, Ia.
Morrell, John, & Son, architects, Clinton, Ia.
Morrell, R. P., architect, Stockton, Cal.
Morrice, Wm., Co., contractors, 17 N. La Salle, Chicago, Ill.
Morrill, Chas., saw sets, nail pullers, liquid soap dispensers, etc., 100 Lafayette, New York.
See adv index at end of book.
Morrill, Geo. H., Co., bronze powders, inks, size, etc., Norwood, Mass.
Morrill, J. M. E., contr., Sacramento, Cal.
Morrill, Milton Dana, architect, 17 Charles, New York
Morrill & Morley Mfg. Co., pumps, Benton Harbor, Mich.
Morrill Target Co., traps, etc., Omaha, Neb.
Morrillton Cotton Oil Co., Morrillton, Ark.
Morris, A. F., contractor, Bryant Bldg., Kansas City, Mo.
Morris & Allan, contractors, Builders' Exch., Buffalo, N. Y.
Morris & Bailey Steel Co., State, Pittsburgh, Pa.
Morris, C. E., Co., steel structural work, Curtis av, Columbus, Ohio.
Morris, C. L., masons' & bldrs.' matls., Plymouth, Ind.
Morris Canning Co., Lambertsville, N. J.
Morris, Chas. O., architect, 938 W. 32nd, Indianapolis, Ind.
Morris, Chas. S., common brick, Berlin, Wis.
Morris China Co., potteries, Trenton, N. J.
Morris City Mills, feed & flour, Morris, Minn.
Morris Coal Corp., Citizens Bldg., Cleveland, Ohio
Morris & Co., bags & baskets, Groveville, N. J.
Morris & Co., meat packers, Union Stock Yards, Chicago, Ill.
Morris County Crushed Stone Co., Morristown, N. J.
Morris & Cummings Dredging Co., 17 State, New York.
Morris Cutlery Co., Morris, Ill.
Morris, E. Joy, carousels, locomotives, etc., 902 Walnut, Philadelphia, Pa.
Morris, E. K., & Co., iron & steel, heavy hdwe., mill & facty. supplies, etc., 317 W. 2d, Cincinnati, Ohio.
Morris, Elias, & Sons Co., masons' & bldrs.' matls., Salt Lake City, Utah.
Morris, Elmer P., Iron Works, iron lamp posts, etc., 136 Liberty, New York.
Morris Engng. Co. of N. Y., die casting & forging machy., 39 Cortlandt, New York.
Morris & Erskine, architects, Crozer Bldg., Philadelphia, Pa.
Morris Fertilizer Co., Atlanta, Ga.
Morris, G. E., architect, Elgin, Ill.
Morris Hdwe. Co., mill & factory supplies, Wenatchee, Wash.
Morris, Herbert M., Advertising Agency, North American bldg, Philadelphia, Pa.
Morris, I. P., Co., machsts. & fndrs., Richmond & Norris, Philadelphia, Pa.
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.
Morris, J. S., carriages, Waupun, Wis.
Morris, John B., Fndry. Co., castings, Court & Harriet, Cincinnati, Ohio.
Morris-Jones-Brown Mfg. Co., excelsior mfrs., Dubuque, Ia.
Morris-Knudsen Co., contrs., Boise, Idaho.
Morris, M. F., architect, Atlanta Nat'l Bk. Bldg., Atlanta, Ga.
Morris Mach. Tool Co., machy. & tools, Court & Harriet, Cincinnati, Ohio.
Morris Machine Wks., pumps, Baldwinsville, N. Y.
Morris Machy. Co., dlrs., 99 Chestnut, Newark, N. J.
Morris Mfg. Co., caskets, etc., 10 Cross, Newark, N. J.
Morris Mfg. Co., clothes' washing mach., El Reno, Okla.
Morris Metallic Packing Co., Lehigh av & Mutter, Phila., Pa.
Morris, Montrose, & Son, architect, 533 Nostrand av, Brooklyn, N. Y.
Morris Paper Mill Co., Morris, Ill.
Morris, Philip, Advertising Service, 1st Natl. Bank bldg, Chicago, Ill.
Morris, R. W., Mfg. Co., metal & furniture polish, 815 E. 21st, Kansas City, Mo.
Morris, Richard S., & Co., metal polish, 138 N. Dearborn, Chicago, Ill.
Morris, Robert R., architect, 720 Decatur, Brooklyn, N. Y.
Morris Run Coal Mining Co., bituminous coal mine miners, Bank bldg., Wilkes-Barre, Pa.
Morris, Shepard & Dougherty, contractors, 3rd & Waconta, St. Paul, Minn.
Morris, T. J., mill & facty. supplies, Springfield, Mass.
Morris, Theo., W. & Co., wholesale plate & window glass, 440 Canal, New York.
Morris, Thos., Jr. (Est. of), archl. iron, Yonkers, N. Y.
Morris Truck & Wheel Co., machsts. & fndrs., 75th & Island road, Phila., Pa.
Morris, W. J., contractor, Trenton, N. J.
Morris, Wheeler & Co., steel struct. dlrs., 30th & Locust, Philadelphia, Pa.
Morris, Wm. G., & Bro., masons' & bldrs.' matls., Frankfort, Ind.
Morris, Wm. J., & Son, contrs., Taylorville, Ill.
Morris, Wm., & Sons Co., sash, door & blind mfrs., 1000 W. 50th, Chicago, Ill.
Morrison, Angus, Co., mchsts. & elevator repairs, 183 High, Boston, Mass.
Morrison Bros., tanks, Dubuque, Iowa
Morrison Bros. Co., stone prod., 459 South, Pittsburgh, Pa.
Morrison, Chas. C., Co., paint mfrs., 15 S. Clinton, Chicago, Ill.
Morrison, Charles H., canned goods, Aurora, Mo.
Morrison Co., Inc., mill & factory supplies, Richmond, Va.
Morrison, D. B. Co., lumber, Morriston, Fla.
Morrison, David G., stone prod., 373 Vernon av, Long Island City, N. Y.
Morrison, E. W., architect, Hyde Bldg., Spokane, Wash.
Morrison, F. E., Co., soap, 5730 Kingsessing av, Phila., Pa.
Morrison Fndry Co., 111 Gotthart, Newark, N. J.
Morrison, Frank, crates, Marion, N. Y.
Morrison, H. D., machinists, Charlotte, N. Y.
Morrison & Harvey, see Harvey Lbr. Co. (successors).
Morrison, J. L., Co., machsts., Niagara Falls, N. Y.
Morrison, J. R., architect, 20 W. Jackson blvd., Chicago, Ill.
Morrison, J. W., Lumber Co., 927 Lbr. Ex., Minneapolis, Minn.
Morrison, Jas. E., Co., efficiency engnrs., Penobscott Bldg., Detroit, Mich.
Morrison, Jas. J., Mach. Co., Paterson, N. J.
Morrison, L. E., & Co., auto baskets, 27 W. Washington, Indianapolis, Ind.
Morrison & McIntyre, turpentine, Fort Meade, Fla.
Morrison, Merrill & Co., masons' & bldrs.' matls., Salt Lake City, Utah
Morrison Mill Co., lumber, Bellingham, Wash.
Morrison-Miller H'dwe Co., Winona, Minn.
Morrison, R. W., Constr. Co., International Life Bldg., St. Louis, Mo.
Morrison-Ricker Mfg. Co., gloves—automobile, Grinnell, Ia.
Morrison & Risman, scrap iron & steel, etc., 1437 Bailey av & B'way, Buffalo, N. Y
Morrison, Risser, Hdwe. Co., whol. hdwe., Winona, Minn.
Morrison, Robt. B., architect, 160 Pearl, New York
Morrison Tent & Awning Co., 213 N. 3d, St. Louis, Mo.
Morrison, W. E., coiled elm hoops, Poplar Bluff, Mo.
Morrison, W. H., mill & facty. supplies, Torrington, Conn.
Morrison, Wm. E., & Son, contractors, Meadville, Pa.
Morrison, Wm. O., Cooper Bldg., Denver, Colo.
Morrison Woolen Co., woolen flannels, Dexter, Me.
Morrison & Young, contrs., Salem, Mass.
Morriss Bros., stone producers, Memphis, Tenn.
Morrissey Carriage Co., Pueblo, Colo.
Morrissey & Co., brick, Grassy Point, N. Y.
Morristown Boat & Engine Co., Morristown, N. Y.
Morrisville Fdry. Co., Morrisville, Vt.
Morrow, Archibald Wm., architect, 53 W Jackson blvd, Chicago, Ill.
Morrow Bros., contractors, Fidelity Bldg., Baltimore, Md.
Morrow Co., hand vacuum cleaners, Waukegan, Ill.
Morrow & Garren, arch's., Chronicle Bldg., San Francisco, Cal.

Morrow, Jas. R., spring beds, Ft. Wayne, Ind.
Morrow, John, Co., cornices, 313 W. 20th, New York.
Morrow & Licklider, masons' & bldrs. matls., Piqua, O.
Morrow Mfg. Co. See Willys-Morrow Co. (successors)
Morrow Packing Co., Morrow, O.
Morrow Thos. Hardware Co., Amarillo, Tex.
Morrow's, J., Sons, flour, Oaks, N. C.
Morschhauser, W. A., add'g mach'y., 1 Madison av, New York
Morse, A. B., Co., advtg. spec., St. Joseph, Mich.
Morse, A. J., & Son, Inc., couplings, nozzles, wrenches, etc., 221 High, Boston, Mass.
Morse Adding Mach. Co., 18 N. Ada, Chicago, Ill.
Morse, Andrew J., & Son, Inc., mill & factory supplies, 221 High, Boston, Mass.
Morse-Boulger Destructor Co., garbage disposal plants, 39 Cortlandt, New York
Morse Bros. Machy. & Supply Co., Denver, Colo.
Morse Burton E., architect, Twin Falls, Idaho
Morse Chain Co., power transmission appliances, Ithaca, N. Y.
Morse & Co., lumber, Bangor, Me.
Morse Dry Dock & Repair Co., Ft. 56th, Brooklyn, N. Y.
Morse, E. W., Co., mill & facty. supplies, Binghamton, N. Y.
Morse, Edward P., architect, Winthrop, Mass.
Morse, Edwin K., arch'tl. eng'rs., 316 4th av, Pittsburgh, Pa.
Morse, Frank E., Co., masons' & bldrs.' matls., 17 State, New York
MORSE, FRANK W., electric lighting appliances for factories, mills & street lights, automobiles & motor boats, also attachments for household labor saving devices, & parts for telephones & wireless outfits, mfrs., 289 Congress, Boston, Mass. *See adv. index at end of book.*
Morse, Fred S., lbr. mfrs., Springfield, Mass.
Morse, Geo. L., architect, Riverside, Conn.
Morse, H. A., & Co., lbr. mfrs., Walpole, Mass.
Morse, H. M., & Co., architects, Citizens bldg, Cleveland, O.
Morse Hardware Co., Bellingham, Wash.
Morse, Harry Leon, architect, 2639 W Potomac av, Chicago, Ill.
Morse, Henry G., architect, 101 Park av, New York.
Morse, J. F., & Co., soap, 66 Norfolk av, Rox., Boston, Mass.
Morse, L., & Sons, window ventilators, Athol, Mass.
Morse, Leonard, architect, 41 S. 15th, Philadelphia, Pa.
Morse, R. F., gauge glass preservers, 86 Weybosset, Providence, R. I.
Morse-Rogers Steel Co., steel sheets, Guardian bldg, Cleveland, Ohio.
Morse & Son Co. See Morse-Rogers Steel Co. (successors)
Morse, Tenney & Co., steamfitters' supplies, 143 Pearl, Boston, Mass.
Morse Twist Drill & Machine Co., countersinks, cutters, dies, drills, gages, etc., New Bedford, Mass.
Morse, W. A., mason & bldrs.' mtls., Brattleboro, Vt.
Morse, Walter I., mill & facty. supplies, Andover, Mass.
Morse, Wm. B., Lbr. Co., Rochester, N. Y.
Morss, A. S., Co., hdwe. mfrs. (marine), 132 Federal, Boston, Mass
Morss & Whyte Co., wire cloth, coal & sand screens, foundry riddles, wire dipping baskets & wirework, Sidney & Pilgrim, Cambridge, Mass.
Mortensen & Kelton, contrs., 1231H Westlake, Seattle, Wash.
Mortenson Construction Co., 19th & Indiana, San Francisco, Cal.
Mortenson, Jacob, Lumber Co., Wausau, Wis.
Mortenson, Sam'l, & Co., pennant mfrs., 833 W. Jackson blvd, Chicago, Ill.
Morton, A. M., & Co., mill & facty. supplies, 25 Washington, Boston, Mass.
Morton Bros. & Co., contractors, Washington, Ind.
Morton Canning Co., Morton, N. Y.
Morton, E. D., & Co., machsts.' tools, mill, facty. & steamfitters' supplies, 516 W. Main, Louisville, Ky.
Morton, F. B., plumbers' supplies, 515 E. 31st, Los Angeles, Cal.
Morton, Gregson Co., meat packers, 80 E. Jackson blvd, Chicago, Ill.
Morton, Jas. & Son, Co., whol. hdwe., Omaha, Neb.
Morton Mfg. Co., metal planing, shaping & slotting machines, Muskegon Heights, Mich.
Morton Motor Co., marine motors, 46 Lafayette av, E. Detroit, Mich.
Morton Oil Mills, Millen, Ga.
Morton-Pettitt Co., whol. hdwe., mill & facty. supplies, 3951 St. Clair, Cleveland, Ohio.
Morton, R. P., brick, Princeton, Minn.
Morton Salt Co., soda ash, sal soda, salt mfrs., etc., 80 E. Jackson blvd, Chicago, Ill.
Morton-Simmons Hardware Co., Wichita, Kans.
Morton & Son Co., counters, Rochester, N. Y.
Morton, Thomas, sash chains & hdwe. mfrs., 245 Center, New York.
Morton, Thos. S., & Son, machsts., Blooming Prairie, Minn.
Morton, Wm. A., contractor, Wabash Bldg., Pittsburgh, Pa.
Morton's, John, Sons Co., masons' & bldrs.' matls., 387 Carroll, Brooklyn, N. Y.
Mosaic Shade Co., 1512 S. Michigan av, Chicago, Ill.
Mosaic Tile Co., Zanesville, Ohio.
Mosberger Lbr. Co., 5816 Prescott, St. Louis, Mo.
Mosby-Goodrich Constr. Co., N. Y. Life Bldg., Kansas City, Mo.
Mosby, H. W., lbr., Elaine, Ark.
Moschel, Jacob, Sons, meat packers, 153 Peckham, Buffalo, N. Y.
Moscowitz, J., architect, 8 W. 40th, New York.
Mosechl-Edwards Corrugating Co., metallic windows, etc., Covington, Ky.
Mosehart & Keller Co., carriages, Houston, Tex.
Mosel Mfg. Co., wrought steel specialties, Kensington, Conn. *See adv index at end of book*
Moseley & Co., knitted gloves, Needham Heights, Mass.
Moseley Lathe Co., Elgin, Ill.
Moseley & Motley Milling Co., flour, Rochester, N. Y.
Moseley Supply Co., plbrs. supplies, Peru, Ind.
Moser, A. J., & Co., machsts. & fndrs., Berne, Ind.
Moser, Chas., Co., paints, Cincinnati, Ohio.
Moser & Cotins, advertising counsellors, 206-212 Paul Bldg., Utica, N. Y.
Moser, Geo. W., flour mills, Evening Shade, Ark.
Moser, M. A., contractor, Raleigh, N. C.
Moser Mfg. Co., machsts. & fndrs., Kane, Pa.
Moser Pattern & Fdry. Co., match plates, Newark, Ohio.
Moser, Philip B., architect, Law Bldg., Norfolk, Va.
Moser, Wm., brick, Perrysburg, Ohio.
Moses, A. C., Constr. Co., 916 N. Y. av, N. W., Washington, D. C.
Moses, A., Sons & Co., sponges & chamois imp., 47 Ann, New York.
Moses, Arnold H., architect, 136 S. 4th, Philadelphia, Pa.
Moses, Chas. A., Construction Co., 133 W. Washington, Chicago, Ill.
Moses, F. L. & Bro., flour mills, Chatham, Va.
Moses, Geo. C. & Son, masons' & bldrs.' matls., Junction City, Kan.
Moses, Pope & Messer, chem. engrs., 366 5th av, New York.
Moshelk, Philip, wash boilers, 1108 S. Halsted, Chicago, Ill.
Mosher & Castle, masons' & bldrs.' matls., Sandwich, Ill.
Mosher, E. Bradford, architect, 5830 Harper av, Chicago, Ill.
Mosher, F. M., racks, Canton, Ill.
Mosher, J. R., fndrs., Greene, N. Y.
Mosher Mfg. Co., machsts. & fndrs., Dallas, Tex.
Mosier & Summers, contractors, 1266 Seneca, Buffalo, N. Y.
Mosinee Land, Log & Timber Co., lumber, Mosinee, Wis.
Moskowitz Bros., scrap iron, rubber, 7th & Freeman, Cincinnati, Ohio.
Mosle, H., & Co., cement importers, Galveston, Tex.
Mosler, A. R., & Co., carburetors, ignition cables, spark plugs, etc., Mt. Vernon, N. Y.
Mosler Lock Co., Covington, Ky.
Mosler Safe Co., bank vaults, safes, etc., Hamilton, Ohio.
Moss, Arthur J., circular & band saws, knives, etc., 178 Center, New York.
Moss, C. W., masons' & bldrs.' matls., 218 Tennyson, Cincinnati, Ohio.
Moss, Geo. A., machsts., Plymouth, Pa.
Moss, Hy., & Co., rubber stamps, 37 Beaver, New York.
Moss, J. E., Iron Wks., archl. iron, Wheeling, W. Va.
Moss, Jerome A., contrs., 608 S Dearborn, Chicago, Ill.
Moss, Louis R., architect, 901 20th, N. W., Washington, D. C.
Moss, Morris L., cornices, 38 S. Eden, Baltimore, Md.
Moss, R. L., Mfg. Co., lumber, Athens, Ga.
Moss & Satterlee, elec. ry. supplies, Kansas City, Mo.
Moss-Schiery Mfg. Co., Inc., cartridge fuses & fuse plugs, Majestic bldg., Detroit, Mich.
Moss, T. J., Tie Co., Security Bldg., St. Louis, Mo.
Moss, W. E., mach. fndr., Charles City, Ia.
Mossberg, Frank, Co., wrenches, metal stampings, etc., Attleboro, Mass.
Mossberg Wrench Co., belt shifters & countershafts, 25 Charles, Providence, R. I.
Mosser, J. K., Co., boot counters, Williamsport, Pa.
Mosser, W. F., & Son, machsts. & fndrs., Allentown, Pa.
Mossman Bros. Co., masons' & bldrs.' matls., Huntington, W. Va.
Mossman, Jerome (Est. of), wood novelties, Fitchburg, Mass.
Mossman Lbr. Co., Memphis, Tenn.
Mossman, Wm. E., lumber mfrs., Ft. Wayne, Ind.
Mossman, Yarnelle & Co., machy. dlrs., mill & factory supplies, Fort Wayne, Ind.
Mosso, C. A., compounds, 2253 Warren av, Chicago, Ill.
Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.
Motch & Merryweather Machy. Co., machsts' tools, 711 Lakeside av, N. W., Cleveland, Ohio.
Motionscope Co., moving picture films, 107 S. Capitol av, Indianapolis, Ind.
Motl, Chas. K., architect, 117 Fort W., Detroit, Mich.
Motley, B. S., & Co., whol. hdwe., Danville, Va.
Motley Bros. Elec. Co., signs, Memphis, Tenn.
Mottley, James M., 43 Cedar, New York
Motley, Jas. M., mill & facty. supplies, 71 Beaver, New York.
Motley, Thornton N., & Co., contrs. tools & supplies, 43 Cedar, New York.
Moto Meter Co., Inc., fuel level indicators, 15 Wilbur av, Long Island City, N. Y.
Motor & Accessory Mfrs. Association, 33 W. 42nd, New York.
Motor Age, trade publication, 59 E. Madison, Chicago, Ill.
Motor Boat, trade publication, 239 W. 39th, New York.
Motor Car Equip. Co., horns & valve grind'g compounds, 19 W. 62nd, New York.
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
Motor Castings Co., South Bend, Ind.
Motor Compressor Co., ignitors, compressed air starters & motor starters mfrs., 52 Dickerson, Newark, N. J.
Motor Equipt. Co., auto accessories & hdwe., Wichita, Kan.
Motor Fuel Saver Corp., 50 Church, New York.
Motor & Machsts. Supply Co., metal polish, 1519 Grand, Kansas City, Mo.
Motor Patterns Co., E 61st & Waterman, Cleveland, Ohio
Motor Products Corp., windshields, solder, copper & spec., Mack av & Outer Belt Line, Detroit, Mich.
Motor Products & Engng. Co., auto machsts., E. 61st, Cleveland, Ohio.
Motor Protector Mfg. Co. See Marsh & Lippincott (successors)
Motor Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Motor Shingle Co., Seattle, Wash.
Motor Spec. Co., Waltham, Mass.
Motor Truck Body Co. See Proctor-Keefe Co. (successors)
Motor World, trade publication, 239 W. 39th, New York.
Motorcycle Equipment Co., Hammondsport, N. Y.
Motors Appliance Co., speedometers, E. Moline, Ill.
Motsinger Device Mfg. Co., carburetors, machsts. & fndrs., Lafayette, Ind.
Motsinger Rotary Engine Co., Fredonia, Pa.
Mott, Chas. Earle, architect, Prudential Bldg., Buffalo, N. Y.
Mott Co. of Pa., plbrs.' supplies, 1006 Filbert, Phila., Pa.
Mott Haven Color Wks., varnish, paint, etc., 395 Mott av, New York.
Mott, J. B., machsts. & fndrs., Hollisterville, Pa.
Mott, J. L., Iron Works, plumbing & sanitary fixtures, etc., Trenton, N. J.
Mott Sand Blast Mfg. Co., 24 S. Clinton, Chicago, Ill., & 2-8 Frost, Brooklyn, N. Y.
Mott, Wallace A., label, gummed tapes, Norwalk, Conn.
Mott Wheel Works, Jackson, Mich.
Motter, Jacob, & Son, carriages, Canton, Ohio.
Motter's, Geo. F., Sons, mill & factory supplies, York, Pa.
Mottu, Theo., & Co., sash, door & blind mfrs., 1022 Penna av, Baltimore, Md.
Mottu & Whyte, architects, 322 N. Charles, Baltimore, Md.
Motz Clincher Tire & Rubber Co., Akron, Ohio.
Motz, W. E., cornices, 1197 Michigan, Detroit, Mich.
Mouat-Squires Co., radiator valves, 1246 W. 4th, Cleveland, O.
Moudy, T. S., & Co., contractors, Chattanooga, Tenn.
Moul, C., & Co., sash, door & blind mfrs., Hanover, Pa.

Moul, Henry S., architect, Gloversville, & Hudson, N. Y.
Moul, J. H., & Sons, lime, Bittinger, Pa.
Mould, F. W., granite, Morrisville, Vt.
Moulds & Brown, contractors, Rowland Bldg., Detroit, Mich.
Moulton, A. H., htg. contr., Portland, Me.
Moulton, C. W. H., Co., clothes bars, roof brackets, wagon jacks, ladders, etc., Somerville, Mass.
Moulton, W. A., canned goods, Phoenix, N. Y.
Moulton, Webster, architect, Union bldg, Syracuse, N. Y.
Moulton Wireless Umbrella Co., Wilmington, Ohio.
Moultrie Cotton Mills, Moultrie, Ga.
Moultrie Fertilizer & Mfg. Co., Moultrie, Ga.
Moultrie Oil & Fertilizer Co., Moultrie, Ga.
Mounce, D. H., & Co., sashes, doors & blinds, Moberly, Mo.
Mound City Brick & Gas Co., Mound City, Kans.
Mound City Buggy & Auto Co., carriages, 2007 Locust, St Louis, Mo.
Mound City Duck & Rubber Co., contrs.' tents, 832 N. B'way, St. Louis, Mo.
Mound City Glass Co., blown tumblers, Lumberport, W. Va.
Mound City Iron Wks., St. Louis, Mo.
Mound City Mach. & Pattern Co., St. Louis, Mo.
Mound City Oil & Supply Co., lubrg., 204 N. Commercial, St. Louis, Mo.
Mound City Paint & Color Co., Mullanphy & N. 11th, St. Louis, Mo.
Mound City Roofing Tile Co., 3301 Morganford rd, St. Louis, Mo.
Mound Coffin Co., Main & Chambers, St. Louis, Mo.
Mound, Rose, Cornice Co., 726 N. Euclid av, St. Louis, Mo.
Mound Tool Co., 1203 S. 7th, St. Louis, Mo.
Mound Valley Glassware Mfg. Co. See Amer. Glass Co. (successors)
Moundridge Milling Co., flour, Moundridge, Kans.
Moundville Lbr. Co., Marion, Ala.
Mounster, R. C., masons' & bldrs.' matls., Charleroi, Pa.
Mount, A. P., & Son, architects, Corry, Pa.
Mount Airy Buggy Co., Mount Airy, N. C.
Mount Airy Granite Cutting Co., Mount Airy, N. C.
Mount & Brady, leather belting mfrs., 46 Mechanic, Newark, N. J.
Mount Calvary Canning Co., Mount Calvary, Wis.
Mount Carmel Iron Wks., machsts. & fndrs., Mount Carmel, Pa.
Mt. Carmel Mfg. Co., castings, 2294H Whiting av, Mt. Carmel, Conn.
Mount Cherry Coal Co., fire clay & hollow bldg. blocks, 8 E. Long, Columbus, O.
Mount Clemens Brick & Tile Co., Mount Clemens, Mich.
Mount Clemens Sugar Co., Mount Clemens, Mich.
Mount Gearhart I., Inc., lbr. mfrs., Essex Bldg., Newark, N. J.
Mount Gilead Lumber Co., Mount Gilead, Ohio.
Mount Gretna Brownstone Co., brick, Lebanon, Pa.
Mount Hebron Lbr. Co., Mt. Hebron, Cal.
Mount, Henry, architect, Brownswood, Tex.
Mount Hood Soap Co., Portland, Ore.
Mount Hope Chemical Charcoal Wks., Mount Hope, Pa.
Mount, J. W., Co., auto. metal bodies, Maple av, Red Bank, N. J.
Mount Morris Canning Co., Mt. Morris, N. Y.
Mount Olive Brick & Tile Co., Mount Olive, Ill.
Mount Olive Stave Co., cooperage stock, Batesville, Ark.
Mount Olive & Staunton Coal Co., Staunton, Ill.
Mount Penn Sand & Stone Wks., Reading, Pa.
Mount Penn Stove Wks., Reading Pa.
Mount Pleasant Banding Co., New Bedford, Mass.
Mount Pleasant Branch Va.-Carolina Chemical Co., avid phosphate & fertilizer, Mt. Pleasant, Tenn.
Mount Pleasant Canning Co., Mount Pleasant, Ia.
Mount Pleasant Connellsville Coke Co., bituminous, Greensburg, Pa.
Mount Pleasant Iron Fdry, New Bedford, Mass.
Mount Pulaski Wind Mill Co., Mount Pulaski, Ill.
Mount Shasta Milling Co., flour, Montague, Cal.
Mount Tom Sulphite Pulp Co., 50 State, Boston, Mass.
Mount Union Refractories Co., brick, Mount Union, Pa.
Mount Union Tanning & Extract Co., Mount Union, Pa.
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
Mount Vernon Bridge Co., Mount Vernon, Ohio.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Mount Vernon Cream Co., canned goods, Seattle, Wash.
Mount Vernon Foundry & Engng. Co., grey iron castings, Mount Vernon, Ohio
Mount Vernon Lime Co., Mount Vernon, Ky.
Mount Vernon Mattress & Furn. Co., Mount Vernon, Ill.
Mount Vernon Straw Board Co., Mount Vernon, Ind.
Mount Vernon-Woodberry Mills, Inc., cotton goods mfrs., Continental Bldg., Baltimore, Md.
Mountain City Cabinet Co., Chattanooga, Tenn.
Mountain City Fdry. & Mach. Wks., Greenville, S. C.
Mountain City Mill Co., flour, Chattanooga, Tenn.
Mountain City Milling Co., flour, Greenville, S. C.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
Mountain Community, elec. portables & shades, 176 Madison av, New York.
Mountain Copper Co., Ltd., 332 Pine, San Francisco, Cal.
Mountain Iron Wks. Co., Denver, Colo.
Mountain Iron & Supply Co., mill & factory supplies, Parkersburg, W. Va
Mountain Mill Paper Co., Lee, Mass.
Mountain Milling Co., flour, White Sulphur Springs, W. Va.
Mountain Paper Co., Wilkes-Barre, Pa.
Mountain Road Mill Co., lbr., Lindberg, Wash.
Mountain States Rubber Co., mill & facty. supp., Denver, Colo.
Mountain Timber Co., lumber, Kalama, Wash.
Mountain Varnish & Color Works, Inc., Upton av, Toledo, Ohio
Mountford Mfg. Wks., cameras, Dumont, N. J.
Mountford & Son, potters' supplies, East Liverpool, Ohio.
Mountjoy & Frewen, architects, Chamber of Commerce bldg, Denver, Colo.
Mountstephen, Edw. J., architect, U. B. Bldg., Dayton, Ohio.
Mountville Brick Co., Mountville, Pa.
Mountville Mfg. Co., agricultural implements, Mountville, Pa.
Mourot, Julien, architect, 812 15th, Modesto, Cal.
Mousam Counter Co., 121 Beach, Boston, Mass.
Mouse River Brick Co., Denbigh, N. D.
Mousley, Arthur J., buttons, 673 S. 16th, Newark, N. J.
Mousley's, Chas., Sons, machsts. & fndrs., 457 N. 12th, Philadelphia, Pa.
Moussette, O. J., Co. See International Metal Reclaiming Co. (successors)
Moustgaard, M., masons' & bldrs.' matls., 2016 N. Kostner av, Chicago, Ill.
Mouton Lumber Co., Lafayette, La.
Movette, Inc., cameras, films & projectors, 295H State, Rochester, N. Y.
Moving Picture World, trade publication, 516 5th av, New York.
Movius, Hallam L., landscape archs., 89 State, Boston, Mass.
Movius & Rotch, landscape architects, 89 State, Boston, Mass.
Mowat Lumber Co., Edmonds, Wash.
Mowbray & Robinson Co., lbr., 8th & Horn, Cincinnati, Ohio.
Mowbray & Uffinger, architects, 56 Liberty, New York.
Mowday, David Y. (Est. of), furniture, Norristown, Pa.
Mowell, Augustus, & Co., relief valves, Paterson, N. J.
Mower, Chas. D., architect, Lafayette Bldg., Philadelphia, Pa.
Mower, Earl A., shoe counters, Lynn, Mass.
Mowers, H. H., & Co., brick, Grover Hill, Ohio.
Mowery, W. R., architect, Great Falls, Mont.
Mowll, W. L., architect, 50 Bromfield, Boston, Mass.
Mowry Car Wheel Wks. Co., brake shoes, Cincinnati, Ohio.
Mowry, David C., & Son, tents, wagon covers, etc., Geneva, Neb.
Mowry, Jacob, contractor, Royersford, Pa.
Moxley, J. E., Jr., architect, 3414 Fairview av, Balto, Md.
Moxomite Insulating Co., magnet wire, Watervliet, N. Y.
Moyer, Chas. L., & Co., machsts., 75 W. Van Buren, Chicago, Ill.
Moyer, Chas., & Son, contractors, Niagara Falls, N. Y.
Moyer & Co., brick, Reading, Pa.
Moyer Engng. & Constr. Co., 375 Fulton, Brooklyn, N. Y.
Moyer, Gabriel, steam fitters' supplies, Mount Joy, Pa.
Moyer, H. A., automobile bldrs., Syracuse, N. Y.
Moyer Mfg. Co., feed & litter carriers, Montevideo, Minn.
Moyer & Pratt, paper & pulp mills, Lyonsdale, N. Y.
Moyer-Shaw Mfg. Co., metal novelties & spec., 234 E. Hancock, Detroit, Mich.
Moyer & Son, masons' & bldrs.' matls., Souderton, Pa.
Moyer Tilghman & Co., architect & contrs., 824 Hamilton, Allentown, Pa.
Moyle, E. H., Engineering & Equipment Co., grinding & crushing mills, Los Angeles, Cal.
Moyles, Peter, contractor, Wilkes-Barre, Pa.
Moyles, Wm., contractor, Wilkes-Barre, Pa.
Moynahan & Duchene, archl. iron, 564 Porter, Detroit, Mich.
Moynes, Jas. A., & Co., contrs., 231 Milwaukee av, Detroit, Mich.
Moynihan, C. S., steam htg. contrs., 2602 N. Spring av, St. Louis, Mo.
Moynihan, T. J., & Co., boilers, 401 Folsom, San Fran,, Cal.
Mozar & Co., jewelry cases, 38 Maiden la, New York.
Mozart Talking Mach. Co., 1432 N. 20th, St. Louis, Mo.
Mozier, Harry P., architect, 98 E Lawrence av, Springfield, Ill.
Mrazek, Joseph M., architect, 1239 S Tripp av, Chicago, Ill.
M. P. L. Packing & Supply Co. See Imperial Packing Corp. (successors)
M. S. W. Mfg. Co., machsts., 1527 Niagara, Buffalo, N. Y.
Muscatine Lumber & Coal Co., Muscatine, Ia.
Muchison, Kenneth M., architect, 101 Park av, New York.
Muchmore, Geo. V., masons' & bldrs.' matls., Summit, N. J.
Mucilli & Miller, contrs., Easton, Pa.
Muckenfuss Mfg. Co., corn brooms, Spartanburg, S. C.
Muckenhirm, C. H., Closet Co., w. c. combinations, Detroit, Mich.
Muddox, H. C., sewer pipe, Sacramento, Cal.
Mudford, Wm., cornices, Lansing, Mich.
Mudge & Co., inspection cars, etc., 80 E. Jackson blvd, Chicago, Ill.
Mudge, Edmund W., & Co., pig iron, coke, Frick Bldg., Pittsburgh, Pa.
Mudge, F. D., willow ware mfrs., 226 E. 6th, Rochester, Minn.
Muehlman & Farrar, Dime Bk. Bldg., Detroit, Mich.
Muehlmatt, Adolph, ball vises, 17 Lion Bldg., Cincinnati, Ohio.
Muehlstein, H., & Co., scrap rubber, 114 W. Van Buren, Chicago, Ill.
Muelbe, L. F., glass stainers, 2724 Av F, Brooklyn, N. Y.
Mueller, A. H., Htg. Co., Mass. Bldg., Kansas City, Mo.
Mueller Boiler Comp'd Co., 2018 Dupont av, Minneapolis, Minn.
Mueller, B. A., archt., Arcade Bldg., East St. Louis, Ill.
Mueller Bros. Art & Mfg Co., mats. 2641 Polk, Chicago, Ill.
Mueller, Carl Oscar, architect, 752 Buena av, Chicago, Ill.
Mueller, Chas. R., & Sons, machsts. & welders, 539-543 Shelby, Detroit, Mich.
Mueller Co., heating contrs., 168 Reed, Milwaukee, Wis.
Mueller Construction Co., 179 W. Washington, Chicago, Ill.
Mueller, Edward, overhead vehicle washers, New Durham, N. J
Mueller, Erick, machst., Princeton, Wis.
Mueller, F. C., & Co., shooting galleries, 1702 N. Western av, Chicago, Ill.
Mueller, Frank C., & Co., contractors, 3933 Chouteau av, St. Louis, Mo.
Mueller, Fred'k G., architect, Hamilton, Ohio.
Mueller, H. G., Mfg. Co., sash, door & blind mfrs., Sheboygan, Wis.
Mueller, H. H., meat, Jackson, Mo.
Mueller, H., Mfg. Co., water plumbing & gas brass goods, Decatur, Ill.
Mueller, H. P., fndr. 219 Lombard, St. Louis, Mo.
Mueller, H. W., stone producer, Columbus, Ohio.
Mueller, Henry, contractor, Dubuque, Ia.
Mueller, Henry B., architect, Saginaw, Mich.
Mueller, Herbert E., architect, 3715 Rokeby, Chicago, Ill.
Mueller, John, Co., contractors, 302 E. 87th, New York.
Mueller, John Co., masons' mtls., 321 Wyoming av, Lockland, Cincinnati, Ohio
Mueller, L. J., Furnace Co., furnaces, 197 Reed, Milwaukee, Wis.
Mueller Lumber Co., Davenport, Ia.
Mueller, M., door openers, 18 Devonshire, Boston, Mass.
Mueller Mach. Co., Trenton, N. J.
Mueller Machine Tool Co., 2427 Colerain, Cincinnati, Ohio.
Mueller Metals Co., brass forgings & rolling mills, Port Huron, Mich.
Mueller Mosaic Co., art, encaustic & ceramic tiles, Trenton, N. J.
Mueller, P. L., landscape archt., 4845 Bryant, S. Minneapolis, Minn.
Mueller, R. S., & Co., clips, connectors, etc., 423 High av, S. E., Cleveland, Ohio.
Mueller, Rudolph, patterns & models, Milwaukee, Wis.
Mueller & Son Co., packing box mfrs., 361 Canal, Milwaukee, Wis.
Mueller, V., & Co., instruments, 1779 Ogden av, Chicago, Ill.
Mueller, Wm., & Co., insulator pins & brackets, ties, poles & posts, etc., 115 S Dearborn, Chicago, Ill.
Muench, Geo., bronze powder machines, Stamford, Conn.

Muenzenmaier & Smith, brick, Dallas City, Ill.
Muenzenmayer, J. J., & W. F., mill & facty. supplies, Junction City, Kans.
Muerdter, Emil, advtg. nov., 1428 Hunting Park av, Phila., Pa.
Muessdorffer, C. A., architect, Humboldt Bk. Bldg., San Francisco, Cal.
Muff, G. & Co., contrs., Steelton, Pa.
Mufson, M., contractor, 115 Norfolk, New York.
Mugier's Iron Works, stair & gates bldrs., 903 E. 135th, New York.
Muhl, F. C., & Son, cornices & skylights, Bloomington, Ill.
Muhlenberg, Frederick A., architect, Liberty Bank bldg, Reading, Pa.
Muhletthaler, Th., Co., oils, 80 John, New York.
Muhs, Hy., Co., meat packers, Paterson, N. J.
Muhs Mfg. Co., jewelry cases, 148 Manilla, San Francisco, Cal.
Muir, Jas. A., boards—binders, leather, etc., Morristown, N. J.
Muir, John, masons' & bldrs.' matls. Manchester, N. H.
Muir-O'Sullivan Dredge & Dock Co., Port Huron, Mich.
Muir & Symon, machsts., 1015 Battery, San Francisco, Cal.
Muir, Thos., North Coast Contract Co., Portland, Ore.
Muirhead, Jno., & Son, miners' spades, tools, etc., Pittston, Pa.
Muirhead, Robt., stone, 76 Montgomery, Jersey City, N. J.
Mukilteo Shingle Co., lumber, Everett, Wash.
Mukle Bros. Mfg. Co., pulp & cardboard, Clearwater, Minn.
Mulberry Roofing Co., cornices & skylights, 46 Greenwich, New York.
Mulby Bros., brick, Linden Heights, Ohio.
Mulcahy Bros., contractors, 180 Jessie, San Francisco, Cal.
Mulconroy Co., rubber goods, 54th & Jefferson, Phila., Pa.
Mulder, Herman A., architect, 6108 Greenwood av, Chicago, Ill.
Mulford Coal & Lumber Co., masons' & bldrs.' matls., Elizabeth, N. J.
Mulford, H. K., Co., tablet machy., 6404 N Broad, Phila., Pa.
Mulgrew, F. A., & Sons, lbr. mfrs. & whol. dlrs., ft. E. 8th, New York.
Mulhaupt, F. Joseph, emblems & badges, Lafayette, Ind.
Mulhens & Kropff, soap, 25 W. 45th, New York.
Mulherin Belt Knife Co., Peabody, Mass.
Mulhern Steam Htg. Co., steam & hot water htg. contr., 103 Park av, New York.
Mulholland Co., motor truck bodies, Dunkirk, N. Y.
Mulholland Hatch Fastener Co., Cleveland, Ohio.
Mulholland, W. J., bars, bolts, castings, washers & steel structural dealers, Commercial Trust bldg, Philadelphia, Pa.
Mulholland, Wm., boiler cleaners, brushes & brooms, 79 White, New York.
Mulinari, P., burning brands, stencils, etc., 118 Light, Baltimore, Md.
Mulkey Salt Co., Dix & River Ridge, Detroit, Mich.
Mull Woodward Co., rims, Sidney, O.
Mullay, Thos. H., architect, 550 Surf, Chicago, Ill.
Mullen-Blackledge-Nellis Co., canned goods, Brazil, Ind.
Mullen Bros. Paper Co., St. Joseph, Mich.
Mullen, J. L., Constr. Co., Wabash Bldg., Pittsburgh, Pa.
Mullen, Jas. A., contractor, 5512 Vine, Philadelphia, Pa.
Mullen, John, & Son, machsts. & fndrs., Shamokin, Pa.
Mullen Replaceable Vault Light Co., Hartje Bldg., Pittsburgh, Pa.
Mullen, T. J., second-hand machy., 30 Church, New York .
Mullen, W. B., masons' & bldrs.' matls., 166 Devonshire, Boston, Mass.
Mullen, Wesley, architect, Maple Glen, Pa.
Muller, A. F., & Co., whol. hdwe., 258 Springfield av, Newark, N. J.
Muller, Bernhardt E., architect, 477 5th av, New York.
Muller Bros., canned goods, Oakland, Cal.
Muller, Chas. H. A., architect, 322 15th, West New York, N. J.
Muller, E. A., & Bro., cornices & skylights, 687 4th av, Brooklyn, N. Y.
Muller, E. B., & Co., chicory, Port Huron, Mich.
Muller, Franklyn R., & Co., sanitary flooring, Waukegan, Ill.
Muller, Fred, machsts., 214 Lackawanna av, Newark, N. J.
Muller Furn. Mfg. Co., 201-213 N Dirbigney, New Orleans, La.
Muller, Geo. W., Bank Fixture Co., Atlanta, Ga.
Muller, Gloria, Mills, umbrella cloth, Norwalk, Conn.
Muller, Harry, cornices, Woodbury, N. J.
Muller, John, architect, 15 W. 38th, New York
Muller, Joseph C., willow ware mfr., 1334 Hague, Rochester, N.Y.
Muller, Julius, sweaters, cardigans, etc., 13 Bleecker, Brooklyn, N. Y.
Muller, Max, architect, 115 Nassau, New York.
Muller, Oscar, Co., calculating machs., 32 B'way, New York.
Muller, R., & Co., cornices & skylights, 358 E. 151st, New York.
Muller, Sealy Co., landscape architects, 145 W. 45th, New York
Muller & Slack Co., furn., Dept. H, Grand Rapids, Mich.
Mullett, A. B., & Co., archts., Union Trust Bldg., Wash., D. C.
Mullett Bros., common brick, Nappanee, Ind.
Mullgardt, Louis C., architect, Chronicle Bldg., San Fran., Cal.
Mullica, W. F., machinist, Ortonville, Minn.
Mulliken, Harry B., architect, 609 W. 48th, New York
Mullin, Charles Whitely, architect, 110 W. 40th, New York.
Mullin, D. W., & Co., slasher cylinders, Lowell, Mass.
Mullin, Dan., machst. & fndr., 520 W. 22d, New York.
Mullin, Jos., masons' & bldrs.' matls, Lowell, Mass.
Mullin & Wendt, piano cases, New Brunswick, N. J.
Mulliner Box & Planing Co., hard wood doors, Quincy, Ill.
Mulliner-Enlund Tool Co., Inc., engine lathes, Syracuse, N. Y.
Mullins Body Corp., auto bodies, fenders, motor boats & row boats, etc., Salem, Ohio
Mullins Lbr. Co., Mullins, S. C.
Mullins Mfg. Co., cattle stanchions, feed mangers, milking machines, Brillion, Wis.
Mullins Sawmill Co., Seattle, Wash.
Mullins, W. H., Co. See Mullins Body Corp. (successors)
Mullon Bros., architect'l & ornamental iron, 1 Devoe, Brooklyn, N. Y.
Mulrein, J. H., Plumbing Supply Co., Phoenix, Ariz.
Mulstein, Jno., Co., machsts. & fndrs., 211 3d av, B'klyn, N. Y.
Multibestos Co., asbestos brake lining, etc., Dept. H, Walpole, Mass.
Multi-Color Copying Co., blue prints, 125 Woodward av, Detroit, Mich.
Multi Electrical Mfg. Co., fuse cutout, pin clips, wire lugs, wire bushings, conduit fittings, weather proof boxes, electric soldering irons, 703 Fulton, Chicago, Ill.
Multi-Lux Illuminating Co., reflectors (show case), 6712 Union av, Cleveland, Ohio.
Multi-Metal Co., laboratory screens, wire cloth & products, 251 W. 19th, New York.
Multiplex Display Fixture Co., 918 N 10th, St. Louis, Mo.
Multiple Storage Battery Co., Jamaica, N. Y.
Multiplex Concrete Machinery Co., cement block machs., Elmore, Ohio.
Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.
Multiplex Faucet Co., molasses gates, St. Louis, Mo.
Multipost Co., postage stamp affixing machs., Rochester, N. Y.
Multnomah Iron Wks., steam feeds, 30th & Nicolai, Portland, Ore.
Multnomah Lumber & Box Co., Portland, Ore.
Multnomah Metal Wks., bearing metal, 312 Front, Portland, Ore.
Multnomah Trunk & Bag Co., Portland, Ore.
Mulvey, Chas., Mfg. Co., concrete hangers & tie rods, 1840 Carroll av, Chicago, Ill.
Mulville Bros., contrs., Alton, Ill.
Mumaw David G., brick, Stone Creek, Ohio.
Mumby Lumber & Shingle Co., Bordeaux, Wash.
Mumdorf Chain Wks., log chain, York, Pa.
Mumford Molding Machine Co., 1765 Elston av, Chicago, Ill.
Mumford Paper Mills, Inc., Mumford, N. Y.
Mumm, Fred J., Contracting Co., contrs., 174 Best, Buffalo, N. Y.
Mummert, Dixon Co., grinders, machy., etc., Hanover, Pa.
Mummert, Jonas S., machst. & fndr., Aurelia, Ia.
Mummert, W. C., & Co., veneer, Wawaka, Ind.
Muncie Cap & Set Screw Co., Muncie, Ind.
See adv index at end of book
Muncie Bldrs. Supply Co., masons' & bldrs.' matls., Muncie, Ind.
Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
Muncie Cap & Set Screw Co., Muncie, Ind.
Muncie Casket Co., Muncie, Ind.
Muncie Fndry. & Mach. Co., Muncie, Ind.
Muncie Gear Wks., for automobiles, Muncie, Ind.
Muncie Lumber Co., Muncie, Ind.
Muncie Malleable Castings Co., Muncie, Ind.
Muncie Mould Wks., Muncie, Ind.
Muncie Oil Engine Co., Muncie, Ind.
Muncie Wheel Co., for carriages & wagons, Muncie, Ind.
Muncy Furn. Co., furniture, Dept. H, Muncy, Pa.
Muncy, Thos. F., & Son, ship bldrs., Bay Shore, N. Y.
Muncy Woolen Mills Co., woolen blankets, Muncy, Pa.
Munday, J. A., & Son, cornices & skylights, Knoxville, Tenn.
Munday Mill & Elevator Co., flour, Munday, Tex.
Munden, R. A., architect, Petersburg, Va.
Mundet, L., & Sons, life preservers & cork mfrs., Ferris, Brooklyn, N. Y.
Mundie, Alex., granite, Quincy, Mass.
Mundie, Wm. Bryce, architect, 39 S La Salle, Chicago, Ill.
Mundorf Chain Wks., York, Pa.
Mundt, Chas., & Sons, perforated metals, 53 Fairmount av, Jersey City, N. J.
Mundt, H. C., contractor, Oil City, Pa.
Mundy, H. H., architect, Miami, Fla.
Mundy, J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
Munger, A. F., contractor, Corry, Pa.
Munger & Bennett, lbr., Camden, N. J.
Munger & Munger, cornices & skylights, Pasadena, Cal.
Munger Oil & Cotton Co., meal, Mexia, Tex.
Munger, Walter R., Co., architects Lyric Theatre Bldg., Cincinnati, Ohio.
Mungo, A., contractor, 391 E. 149th, New York.
Munhall, R. J., Lumber Co., Sidney & Brady, Pittsburgh, Pa.
Munich Studio, glass stainers, 300 W. South Water, Chicago, Ill.
Municipal Engineering, trade publication, 538 S. Clark, Chicago, Ill.
Municipal Engng. & Constr. Co., Atlanta, Ga.
Municipal Improvement Co., contrs., Oakland, Cal.
Municipal Journal & Engin'r, trade publication, 239 W. 39th, New York.
Municipal Lighting Co., lighting fixtures, 130 E. 15th, New York.
Munising Co., lumber, Munising, Mich.
Munising Fdy. Co., Munising, Mich.
Munising Paper Co., Munising, Mich.
Munkenbeck Bros., steam fitters' supp., 88 Hamilton av, Brooklyn, N. Y.
Munkwitz, Edw. H., Co., machsts., 159 Muskego, Milwaukee, Wis.
Munn & Co., trade publications, 699 Woolworth Bldg., New York.
Munn, G. J., architect, Pittsburgh, Kans.
Munn Piano Co., Walton, N. Y.
Munn Sign & Advg. Co., Atlanta, Ga.
Munn, Thos. C., Co., motor boats & rafts, Wilmington, Del.
Munning, A. P. & Co., polishing & platers' materials, Matawan, N. J.
Munns, E. A., Kalsomine Co., waterproo'g matls., 217 Fulton, Brooklyn, N. Y.
Munnsville Plow Co., screw jacks, Munnsville, N. Y.
Munro, Daniel, machsts. & fndrs., 433 S. Jefferson, Chicago, Ill.
Munro, Robt. A., & Co., bone-meal, oils, etc., 25 Pine, New York.
Munroe Falls Paper Co., Massillon, Ohio.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
Munroe Plumbing Co., cornices & skylights, Taunton, Mass.
Munroe, R. & Sons Mfg. Corp., boilers & steel tanks, 23d & Smallman, Pittsburgh, Pa.
Munroe, Wm. Co., sash, door & blind, 994 Scotten av, Detroit Mich.
Munsell, Engene, & Co., mica mfrs., 68 Church, New York.
Munsell, W. A. O., architect, Stimson Bldg, Los Angeles, Cal.
Munsey Shank & Counter Co., Lynn, Mass.
Munsing Woolenware Co., paper roll plugs, Munsing, Mich.
Munson, A. C., architect, 307 S Hill, Los Angeles, Cal.
Munson Bros., canned goods, Phoenix, Ariz.
Munson Bros., cornices, Connellsville, Pa.
Munson Bros. Co., common brick, Capron, Ill.
Munson Co., machsts., Grand Rapids, Mich.
Munson, E. G., grey iron castings & patterns, Utica, N. Y.
Munson Heater Co. (Ltd.), founders, Connellsville, Pa.
Munson & Johnson, wood mantels, Jamestown, N. Y.
Munson, M. A., contr., Carthage, Ill.
Munson Mill Machinery Co., Utica, N. Y.
Munson, P. O., contractor, Galesburg, Ill.
Munson-Whitaker Co., architects, 470 4th av, New York.
Munt, H. F., flour mills, Petersburg, Va.
Muralo Co., kalsomine & paint mfrs., wall finish, etc., Richmond Ter., New Brighton, N. Y.
Murbach Coal Co., masons' & bldrs.' matls., Elyria, Ohio.

Murcell, Wm., contractors, Sacramento, Cal.
Murch Bros. Constr. Co., Railway Exch. Bldg., St. Louis, Mo.
Murch, E. R., granite prod., Hardwick, Vt.
Murchey Mach. & Tool Co., 951 Porter, Detroit, Mich.
Murchie, Chas. F., lumber, Calais, Me.
Murchie, Horace B., & Co., lbr. mfrs. & whol. dlrs., 58 Pine, New York.
Murchison, D. T., flour mills, Atwood, Tenn.
Murchison, J. W., & Co., whol. hdwe., Wilmington, N. C.
Murchison, Jno. R., steam & hot water htg. contr., 1101 Flatbush av, Brooklyn, N. Y.
Murcott & Campbell, file & rasp mfrs., 296 Union av, Brooklyn, N. Y.
Murdock, Chas. W., contractor, New Haven, Conn.
Murdock-Dunwiddie Co., cornices, Beloit, Wis.
Murdock, E., & Co., wood pails, Winchendon, Mass.
Murdock, Francis W., machsts., Norway, Me.
Murdock & Geb Co., bobbin holders, Franklin, Mass.
Murdock, Geo., contractor, 2521 Melrose av, Cincinnati, Ohio.
Murdock, H. H., architect, 50 E 42d, New York
Murdock, H. & Co., bearing metal, Sailor Bldg., Pittsburgh, Pa.
Murdock, Harvey, contractor, 10 Wall, New York.
Murdock, J. M., & Bro., lumber, Johnstown, Pa.
Murdock Liquid Food Co., 78 Tyler, Boston, Mass.
Murdock Lumber Co., Washington, Ind.
Murdock Mfg. & Supply Co., plumbers' supplies—jobbers, 426 Plum, Cincinnati, Ohio.
Murdock, Reed, Co., hub caps, 127 Federal, Boston, Mass.
Murdock, W. J., Co., push buttons, telephone receivers & wireless telegraph instruments, Chelsea, Mass.
Murdock, W. James, Co., rubber & steel stamps, etc., 116 Opera pl., Cincinnati, Ohio.
Murdough, A. B., contractor, Watertown, Mass.
Murell Lthr. Goods Co., traveling bags, 27 Sudbury, Boston, Mass.
Murfitt, J. H., contractor, 1310 5th, E. Salt Lake City, Utah.
Murfreesboro Mfg. Co., pencil timber, Murfreesboro, Tenn.
Murkland, Jno. W., Co., agricultural implements, Barton, Vt.
Murless, H. B., machsts. & fndrs., Rockville, Conn.
Murnan Ship Bldg. Corp., Mobile, Ala.
Murphey-Hardy Lbr. Co., 150 Passaic, Newark, N. J.
Murphy, A. F., Die & Mach. Co., cream separators, 364 Atlantic av, Boston, Mass.
Murphy, Ambrose J., architect, 146 Westminster, Providence, R. I.
Murphy, Andrew, & Son, carriages, Omaha, Neb.
Murphy Boiler Co., 3263 W. 73rd, Cleveland, Ohio, & 153 Barclay, Milwaukee, Wis.
Murphy Bros., cornices, Erie, Pa.
Murphy Bros., heating contrs., Galesburg, Ill.
Murphy Bros. Co., contrs., Bowling Green, Ky.
Murphy, C. E., & Sons, contractors, 516 Federal, Pittsburgh, Pa.
Murphy, C., & Sons, canned goods, Rocks, Md.
Murphy Chair Co., D. G. H. & M. Jct., Detroit, Mich.
Murphy, Chas. J., Paint Co., paint mfrs., 406 N. Calvert, Baltimore, Md.
Murphy, Christopher, & Co. See Columbia Chuck & Tool Co. (successors)
Murphy Constr. Co., 10 Wall, New York
Murphy Construction Co., East St. Louis, Ill., Manitowoc, Wis.,
Murphy, Cornelius, & Son, contrs., Dorchester, Boston, Mass.
Murphy, D. B., & Co., lumber, London, Ky.
Murphy, D., & F., stone prod., Joliet, Ill.
Murphy, D. X., & Bro., architects, Louisville Tr. Bldg., Louisville, Ky.
Murphy, David, contractor, Syracuse, N. Y.
Murphy & Diggins, lumber, Cadillac, Mich.
Murphy Door Bed Co., ironing boards, etc., 22 W Monroe, Chicago, Ill.
Murphy, E., & Co., cornices, 3724 Cass, St. Louis, Mo.
Murphy, E., & F., contractors, Oakville, Conn.
Murphy Electricity Rectifier Co. Rochester, N. Y.
Murphy Fndry. Co., Beaver Falls, Pa.
Murphy Fdry. & Mfg. Co., Asbury Park, N. J.
Murphy, G. W. J., Co., carriages, fasteners, &c., brass & composition fndrs., Amesbury, Mass.
Murphy, Geo., Inc., lenses, 57 E. 9th, New York.
Murphy, Geo. M., cornices & skylights, 43 New Chambers, New York.
Murphy, Harry F., & Co., steam htg. contrs., 1615 Sansom, Philadelphia, Pa.
Murphy, Hugh, Construction Co., Omaha, Neb.
Murphy Iron Works, machsts. & fndrs., ft. Walker, Detroit, Mich.
Murphy, J. A., lbr., Atkinson, N. C.
Murphy, J. E., elec. contr., Bristol, Conn.
Murphy, J. H., stone, Burgoon, Ohio.
Murphy, Jas. T., architect, Albany, Ga.
Murphy, J. T., cornices, Havre De Grace, Md.
Murphy, John, masons' & bldrs.' matls., Holley, N. Y.
Murphy, John A., Co., papetric paper, Springfield, Mass.
Murphy, Jno. H., Iron Wks., machsts., 643 Magazine, New Orleans, La.
Murphy, Jos., & Son, contractor, West Hoboken, N. J.
Murphy & Kenny, lbr., Converse, Ind.
Murphy, Leavens & Co., mill & facty. supplies, 168 Commercial, Boston, Mass.
Murphy, Louis A., contractors, Pawtucket, R. I.
Murphy-McClay Hardware Co., Great Falls, Mont.
Murphy Metal Co., babbitt & type metals, 327 S La Salle, Chicago, Ill.
Murphy Mfg. Co., furn., Dept. H, Tacoma, Wash.
Murphy & O'Brien, coppersmiths, 5512 Detroit, Cleveland, Ohio.
Murphy & Olmstead, architects, 1413 H, N. W., Washington, D. C.
Murphy, P. C., Trunk Co., 13th & Papin, St. Louis, Mo.
Murphy, P. H., Co., galvanizing wks., East St. Louis, Ill.
Murphy, P. J., contrs., Moberly, Mo.
Murphy Sam'l M., contractor, Monongahela Nat. Bk. Bldg., Pittsburgh, Pa.
Murphy Specialty Co., brass fndrs., 90 2d, Milwaukee, Wis.
Murphy Supply Co., mill, facty & plumbers' supplies, Green Bay, Wis.
Murphy, T. J., architect'l & ornamental iron, 619 Greenwich, New York.
Murphy, Thos. D., & Co., advtg. spec., Red Oak, Ia.
Murphy, Timothy, Iron Works, Jacksonville, Fla.
Murphy Varnish Co., 224 McWhorter, Newark, N. J.
Murphy, W. J., contractor, Tacoma, Wash.
Murphy, W. J., harness mfr., Fort Smith, Ark.
Murphy & Walsh, air receivers, tanks, etc., Pekin, Ill.
Murphy, Wm. J., brass fndrs., 279 10th, Jersey City, N. J.
Murphy, Wm. M., & Son, contrs., Endicott Bldg., St. Paul, Minn.
Murphy's, C. P., Sons, contractors, Atlanta, Ga.
Murphy's, Robert, Sons Co., knives, Ayer, Mass.
Murphysboro Paving Brick Co., Murphysboro, Ill.
Murrah, T. A., cornices & skylights, Union, S. C.
Murray, Alex., & Co., granite, Westerly, R. I.
Murray Brick Co., 10553 Euclid av, Cleveland, O.
Murray-Brooks Hardware Co., Ltd., Lake Charles, La.
Murray Bros. Machine Works, 233 Folsom, San Francisco, Cal.
Murray, C. E., heading, Decherd, Tenn.
Murray, C. F., & Son, stone producers, Blairsville, Pa.
Murray City Coal Co., masons' & bldrs.' matls., W. Fifth av, & H. V. Ry., Columbus, Ohio.
Murray, Clifford E., archit., 20 Clinton, Newark, N. J.
Murray Co., agricultural implements, Dallas, Tex.
Murray & Co., tens, 625 Fulton, Chicago, Ill.
Murray, D. J., Mfg. Co., mill & facty supplies, trimmers & lath binders, etc., Wausau, Wis.
Murray, E. T., & Co., cornices & skylights, Nashville, Tenn.
Murray, G. M., Sons Canning Co., Odenton, Md.
Murray, H. J., mill & facty. supplies, 85 Warren, New York.
Murray, Hy., Co., stone producers, 21 Arlington, Boston, Mass.
Murray & Hill Co., interior finish mfrs., 1138 St. Nicholas av, New York.
Murray & Hill Co., interior finish mfrs., 1138 St. Nicholas av, New York.
Murray Iron Works Co., Burlington, Ia.
Murray, James, architect, 101 Tremont, Boston, Mass.
Murray, Jas. A., machy. dlrs., Fall River, Mass.
Murray, Jas. T., masons' & bldrs.' matls., Troy, N. Y.
Murray, Jas. T., & Sons, steam htg. contrs., 62 Market, Hartford, Conn.
Murray Japanning Co., patent leather, Woburn, Mass.
Murray, Jno. A., mchsts. & fndrs., 112 Front, Bklyn, N. Y.
Murray, Jno. A. & Co., mill, facty & plumbers' supplies, 310 W. 39th, New York.
Murray, Jos., & Co., stone producers, wkrs. & sand, etc., dlrs., 263 av C, New York.
Murray, L. A., & Co., school furniture, Kilbourn, Wis.
Murray & Lamb, contractors, 13 Hayden, Providence, R. I.
Murray Machy Co., Kansas City, Mo.
Murray Mfg. Co., shipping tags, Newnan, Ga.
Murray & Maruna, brass & composition fndrs., Saginaw, Mich.
Murray Martin & Co., contractors, Troy, N. Y.
Murray Motor Car Co., 3724 Grant blvd., Pittsburgh, Pa.
Murray & Murray, lubrg. oils, 219 Quarry, Phila., Pa.
Murray Oxygen Co., 449 W. 53rd, New York.
Murray, P. A., & Co., Newton, Mass.
Murray & Patterson, canned goods, Hollins, Va.
Murray, P. J., architect, 141 E. 40th, New York
Murray, Ralph, architect, Ironton, O.
Murray, Richard, Brick Co., Berlin, Conn.
Murray, Robt., who. h'dwe., 85 Warren, New York.
Murray Roofing Tile Co., Cloverport, Ky.
Murray & Sorensen, flushing valves, 227 W. 17th, New York.
Murray, Thos., masons' & bldrs.' matls., Warren, O.
Murray, Thomas N., architect, Monadnock bldg., San Francisco, Cal.
Murray & Tregurtha Co., aeroplanes, boilers, marine engines, motor boats, etc., 340 W. 1st, S. Boston, Mass.
Murray, W. B., gas engines, N. Winchester & Wabansia avs, Chicago, Ill.
Murray, Wilber H., Mfg. Co., carriages, 5th & Eggleston av, Cincinnati, O.
Murray, Williams, & Co., flour, Maiden, N. C.
Murray Wire Co., residence wire, 487 N. J. R. R. av, Newark, N. J.
Murrell Mfg. Co., signs, metal, Long Island City, N. Y.
Murrill & Keizer, machsts., 206 N. Holliday, Baltimore, Md.
Murry Construction Co., Sikeston, Mo.
Murry, Frank E., Contr'g Co., Portchester, N. Y.
Murta-Appleton & Co., mill & facty. supplies, 12th & Samsome, Philadelphia, Pa.
Murtagh, Chas. E., masons' & bldrs.' matls., ft. Rivington, New York.
Murtagh, P. J., contractors, Malone, N. Y.
Murtaugh Elev. Co., dumb waiters, 535 W. 33d, New York.
Murtfeldt, W. A., Co., contractors, 161 Devonshire, Boston, Mass.
Murtha & Schmoll Co., masons' & bldrs.' matls., 814 E. 14th, New York.
Murtland, Christopher G., contractor, Atlantic City, N. J.
Muscle Shoals Lumber Co., Florence, Ala.
Muscogee Mfg. Co., tickings, Columbus, Ga.
Muscongus Lbr. Co., Bristol, Me.
Muse, A. W., & Co., fertilizer, Albany, Ga.
Muse, R. L., lbr., Walnut Ridge, Ark.
Musgrave Leather Co., hame strings, 414 N. Front, Baltimore, Md.
Musgrove, N. C., flour mills, Grafton, W. Va.
Musher & Co., oils, 302 5th av, New York
Mushet, W. E., Co., drain tile, fire brick & sand, sewer pipe, etc., 502 Mission, San Francisco, Cal.
Musicnote Roll Co., Dixon, Ill.
Music Table Co., mfrs. phonographs, Greenfield, Ohio
Muskegon Aluminum Fdry. Co., Muskegon, Mich.
Muskegon Boiler Works, boiler breechings, structural specialties, Muskegon, Mich.
Muskegon Engine Co., auto bldrs., motor trucks, Muskegon, Mich.
Muskegon Extract Co., Muskegon, Mich.
Muskegon Motor Specialties Co., machsts., Muskegon, Mich.
Muskegon Valley Furn. Co., Dept. H, Muskegon, Mich.
Muskingum Coffin Co., Zanesville, O.
Muskingum Contr. Co., Zanesville, O.
Muskingum Valley Fertilizer Co., Marrietta, O.
Muskogee Hardware Co., Muskogee, Okla.
Muskogee Iron Wks., Muskogee, Okla.
Muskogee Lbr. Co., Muskogee, Okla.
Muskogee Pattern Wks., Muskogee, Okla.
Muskogee Refining Co., petroleum & its products, Muskogee, Okla.
Muskogee Tool Co., 6th & Elgin, Muskogee, Okla.
Muskogee Vitrified Brick Co., Muskogee, Okla.
Muskopf & Irish Co., landscape architects, Boatman's Bldg., St. Louis, Mo.
Musolaphone Corp., telephones & apparatus, 46 W. B'way, New York.
Musselman Canning Co., Biglersville, Pa.

Musselman & Schwarz, htg. contrs., Lancaster, Pa.
Musser, D. B., flour mills, Atkins, Va.
Musser, H. M., umbrella handles, Lancaster, Pa.
Musser, W. H., & Son, architects, Abington, Va.
Mussillon, J. A., & Bro., machsts., Springfield, Ill.
Musson, J. W., soap, Sandusky, Ohio.
Mustard Bros., flour mills, Bland, Va.
Mustee Water Heater Co., 3409 Superior av, N. E., Cleveland, O.
Musterfield Sand & Gravel Co., Richmond, Va.
Musto, Jos., Sons Keenan Co., marble importers, 535 North Point, San Francisco, Cal.
Mutch & Calder Granite Co. See Mutch & Loranger Granite Co. (successors)
Muth, Geo. F., & Co., glass, 418 13th, N. W., Washington, D. C.
Mutschler, A., & H. G., machsts., Rochester, N. Y.
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
Mutty, L. J., Co., artificial leather, rubber cloth, etc., 175 Congress, Boston, Mass.
Mutual Auto Accessories Co., metal polish & windshields, 1777 B'way, New York.
Mutual Beer Pump Co., 809 3d av, New York.
Mutual Box Board Co., Utica, N. Y.
Mutual Chem. Co. of Am., 55 John, New York.
Mutual Coal & Mining Co., O'Fallon, Ill.
Mutual Constr. Co., 155 N. Clark, Chicago, Ill.
Mutual Elec. & Mach. Co., battery cut-out bases, nuts, switches, etc., 232 Fort, W. Detroit, Mich.
Mutual Fertilizer Co., Savannah, Ga.
Mutual Fdy. & Mach. Co., Atlanta, Ga.
Mutual Guano Co., fertilizer mfrs., Ozark, Ala.
Mutual Lamp Mfg. Co., leaded glass shades, 21 E. Houston, New York.
Mutual Lbr. Co., Tenino, Wash.
Mutual Machine Co., universal joints mfrs., 27 Wells, Hartford, Conn.
Mutual Mfg. Co., tea wagons, Dayton, Ohio.
Mutual Milling & Supply Co., flour, Harrisonburg, Va.
Mutual Mining Co., Savannah, Ga.
Mutual Motors Co., Jackson, Mich.
Mutual Oil Co., lubrg., Interstate Bldg., Kansas City, Mo.
Mutual Plate & Window Glass Co., 1921 Mission, San Francisco, Cal.
Mutual Refining Co., oils & naphtha, Warren, Pa.
Mutual Service Corp., advertising counsellors, 140 Cedar, New York
Mutual Supply Co., mill & facty. supplies, 87 Penna av, Newark, N. J.
Mutual Trunk Co., auto bldrs., Sullivan, Ind.
Mutual Warehouse Co., fertilizer m'frs., Montgomery, Ala.
Mutual Wheel Co., Moline, Ill.
Muzzal, F. E., contractor, Crown Point, Ind.
Muzzy-Lyon Co., Ltd., die cast castings, 535 Larned W., Detroit, Mich.
M. & W. Co., inc. lamps, 30 Taylor, Springfield, Mass.
M. W. Supply Co., rail anchors, Real Estate Trust Bldg., Philadelphia, Pa.
Myall-Wallace Co., case hardening, 17 E. Austin av, Chicago, Ill.
Mycock Mach. Wks., porcelain dies, Trenton, N. J.
Myer, Berlin F., masons' & bldrs.' matls., Towanda, Pa.
Myer-Bridges Co., corn brooms, Louisville, Ky.
Myer, Henry G., contractor, Arlington Heights, Ill.
Myers Mfg. Co., special machinery, Columbia, Pa.
Myer-Moran Co., special machinery, 210 N Holliday, Baltimore, Md. *See adv index at end of book*
Myer, O. C., & Co., steel tanks, 30 Franklyn, B'klyn, N. Y.
Myer, R. A., Lbr. Co., Honey Island, Texas.
Myers Bros., furnaces, Dover, O.
Myers, C. A., Awl Co., harness awls, 6316 University av, Chicago, Ill.
Myers, C. B., Constr. Co., Atlanta, Ga.
Myers, C. H., machsts. & fndrs., Le Roy, Ill.
Myers Carriage Co., Franklin, Pa.
Myers, Chas. E., contractor, Wolcottville, Ind.
Myers, Christopher, architect, 460 Bloomfield av, Montclair, N. J.
Myers Constr. Co., Manchester & Yale, St. Louis, Mo.
Myers, D. J., architect, Lippy Bldg., Seattle, Wash.
Myers & Davis, flour mills, New Tazewell, Tenn.
Myers, E. A., Co., auto bldrs., 4101 Senate, Pittsburgh, Pa.
Myers, E. H., machst., Myerstown, Pa.
Myers, E. L., contractor, Norfolk, Va.
Myers, E., Lye Co., mfrs., 3d & Clark, St. Louis, Mo.
Myers, Elwood Co., advertising specialties, Springfield, O.
Myers, F. E., & Bro., pumps, agricultural implements, etc., 900 Fourth, Ashland, Ohio. *See adv. index at end of book.*
Myers, G. A., & Co., mill, facty. & steam fittrs. supplies & whol. hdwe., 63 Washington, Paterson, N. J.
Myers, G. Edward, Co., contrs., Montclair, N. J.
Myers, G. T., & Co., canned goods, Seattle, Wash.
Myers Hardware Co., Lexington, Va.
Myers, J. E., masons' & bldrs.' matls., Penns. Station, Pa.
Myers, J. M., architect, Hanover, Pa.
Myers, Jacob, Sons Co., contractors, Witherspoon Bldg., Philadelphia, Pa.
Myers, Jos. F., Jr., & Co., contractors, 1237 Ridge, Phila., Pa.
Myers Lathe Tool Co., 416 E. 9th, Los Angeles, Cal.
Myers, L. E., Co., contractors, 53 W. Jackson blvd., Chicago, Ill.
Myers, M. P., & Co., whol. hdwe., Plattsburg, N. Y.
Myers Mach. Co., Sheybogan, Wis.
Myers Mach. Tool Co., engine lathes, Columbia, Pa.
Myers & Mahoney Plumbing Co., Portland, Me.
Myers Mfg. Co., druggists' rubber goods, Fremont, O.
Myers Mfrs. Co., special machinery, Columbia, Pa.
Myers, Nathan, architect, 71 Nelson pl, Newark, N. J.
Myers, Otto R., bldg. contr., Oshkosh, Wis.
Myers, R. M., & Co., pads & tablets, Rochester, N. Y.
Myers-Spalti Mfg Co., mattresses, Houston, Tex.
Myers Spark Plug Co., 1214 Dorr, Toledo, Ohio
Myeres Stave & Mfg. Co., Piggott, Ark.
Myers-Whaley Co., mining machine shovels, Knoxville, Tenn.
Myers, Wm., contractor, Pittston, Pa.
Myerson, Joseph, electrical & transmission machinery, 411 Atlantic av, Boston, Mass. *See adv index at end of book*
Myerstown Fdy. & Mfg. Co., Myerstown, Pa.
Myhre, A. E., architect, Winona, Minn.
Myles Salt Co. (Ltd.), 713 Whitney, Central Bldg., New Orleans, La.
Mynderse, W. T. B., architect, Scotia, Schenectady, N. Y.
Myrick, Franklin W., contractors, 108 S. La Salle, Chicago, Ill.
Myrick Mach. Co., Olean, N. Y.
Myrtle Desk Co., High Point, N. C.
Myrtue Bros., contractors, Council Bluffs, Ia.
Mystic Milling Co., flour, Sioux City, Ia.
Mystic Mit Co., Inc., pot cleaners, 240 Main, Orange, N. J.
Mystic Rubber Corp., West Medford, Mass.
Mystic Woolen Co., Old Mystic, Conn.
Myton, W. R., architect, Johnston, Pa.
Naab Mfg. Co., see North American Mfg. Co. (successors).
Nachad Signal Co., Inc., Louisville, Ky.
Nachman, S. J., Refinery, dextrine sugar, 314 Lafayette, New York.
Nachtigall, J. M., architect, Paxton blk, Omaha, Neb.
Nachtegall Mfg. Co., Dept. H, Grand Rapids, Mich.
Nack Carriage & Wagon Wks., Mobile, Ala.
Nacke, A., & Son, machsts. & fndrs., 236 S. 9th, Phila., Pa.
Nacogdoches Oil Mill, fertz. mfrs., Nacogdoches, Tex.
Nacto Cleaner Corp., carbon removers & fabric cleaning compounds, 2171 Madison av, New York.
Nadawah Lbr. Co., Nadawah, Ala.
Nadeau Bros., lumber, Nadeau, Mich.
Nadelman, Lesser, jewelery cases, 106 W. 28th, New York.
Nadherny, Jos. J., architect, 38 S. Dearborn, Chicago, Ill.
Nadig, C. H., Mfg. Co., machsts. & fndrs., Allentown, Pa.
Nadig, L. F., machst., Quakertown, Pa.
Nadler, Henry machinist, Plaquemine, La.
Nagase, D., & Co., Ltd., loofahs & iodide potassium, 120 B'way, New York.
Nagel-Chase Mfg. Co., connectors, 154 E. Erie, Chicago, Ill.
Nagel, Herman, steam & hot water htg. contr., 450 Bergen, Brooklyn, N. Y.
Nagel, Samuel, contractor, Geneva, N. Y.
Nagel, W. G., Electric Co., Toledo, Ohio.
Nageldinger, J., & Son, air pressure regulators, 407 E. 91st, New York.
Nagele, Anton, stone producer, 2168 Western av, Cincinnati, O.
Nagely, John, hangers, Toledo, Ohio.
Nager Press Sign Co., 421-5 S. Main, St. Louis, Mo.
Nagle Engine & Boiler Works, Erie, Pa.
Nagle, Geo. W., stone, Pottstown, Pa.
Nagle, Jacob A., contractor, Allentown, Pa.
Nagle, Jno. C., auto. truck trailers, 431 Baker, Detroit, Mich.
Nagle, Louis A., & Co., masons' & bldrs.' matls., Ogontz, Pa.
Nagle Packing Co., meat, 27 Ward, Jersey City, N. J.
Nagle Steel Co., plates, Pottstown, Pa.
Nagley Mfg. Co., agricultural implements, Lyons, N. Y.
Nahcotta Canning Co., So. Bend, Wash.
Nailon Bros. Co., mill & facty., plumbers' & steam fitters' supplies, Peoria, Ill.
Nairn, Gillies Co., lumber mfrs., Burlington, Ia.
Nairn Linoleum Co., Kearny, N. J.
Naismith, Geo., & Son, furnace bldrs. & contrs, 6312 Butler, Pittsburgh, Pa.
Naknek Packing Co., San Francisco, Cal.
Nalle & Co., sashes, doors & blinds, etc., Austin, Tex.
Nalle, T. E., machst., Culpepper, Va.
Namekagon Lbr. Co., Cable, Wis.
Name-Plate Co., etched signs, 125H Fulton, New York.
Nameteo Products Co., panel board cabinets, 401 E. 23rd, New York.
Nampa Iron Wks., Nampa, Idaho.
Nanes, Nathan, second hand bags, 434 E. Houston, New York.
Nannen, Chas. B., & Son, machsts. & fndrs., 108 Lawrence, New York.
Nansemond River Brick & Tile Co., Norfolk, Va.
Nansen Chemical Co., wood alcohol, Nansen, Pa.
Nansen Composition & Paint Co., 44 Pearl, New York.
Nanz Clock Co., time recorders, 178 Fulton, New York.
Naomi Canning Co., Edinburg, Ind.
Napanoch Knife Co., Napanoch, N. Y.
Napavine Lbr. & Mfg. Co., Napavine, Wash.
Naper, Herbert J., architect, 1127 Lake av, Wilmette, Ill.
Napier-Browning Co., advtg. nov. & spec., 105 W. 40th, New York.
Napier Chem. Co., almond meal, 80 Pearl, New York.
Napier Iron Works, Nashville, Tenn.
Napier Saw Works, Inc., Springfield, Mass.
Naples Lumber Co., Ltd., Naples, La.
Napoleon Cypress Co., Ltd., Napoleonville, La.
Napoleon Lumber & Handle Co., Napoleon, Ohio.
Napoleon Motors Co., auto bldrs., Travers City, Mich.
Naporano, Louis, scrap rubber, 17 Van Buren, Newark, N. J.
Nappanee Lumber & Mfg. Co., silos, Nappanee, Ind.
Naptha Washing Tablet Co., see Delbare Mfg. Co. (successors).
Naramore, Edgar H., lumber mfrs., Winchester, N. H.
Naramore, F. A., archit., University Club, Portland, Ore.
Narbett, J. F., architect, Richmond, Cal.
Nardone, Samuel, & Co., contrs., Westerly, R. I.
Nardy, F., Co., contractors, 1226 Fitzwater, Philadelphia, Pa.
Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago., Ill.
Narragansett Belting Co., leather belting, 68 W. Exchange, Providence, R. I.
Narragansett, Fdry. Co., Providence, R. I.
Narragansett Improvement Co., 122 Public, Providence, R. I.
Narragansett Machine Co., machsts. & engrs., ft of Vale, Providence, R. I.
Narragansett Mch. Co., mill & factory supplies, Pawtucket, R. I.
Narragansett Mills, automobile cloth, 239 Fourth av, New York.
Narrow Fabric Co., corset & shoe laces, Reading, Pa.
Narrow Fabric Corp., cotton & elastic webbing, New Haven, Conn.
Narrows Milling Co., flour, Narrows, Va.
Nartker & Schroeder, brick & tile, Glandorf, Ohio.
Nary, F. E., machst. & fndr., 51 Chardon, Boston, Mass.
Nash, Arthur C., architect, 345 5th av, New York.
Nash Bros., contractors, 10 S. La Salle, Chicago, Ill.
Nash, C. A., & Son, glass & sash doors & blinds, Norfolk, Va.
Nash, Caleb, iron fencing, Mt. Vernon, N. Y.
Nash-Dowdle Co., contractors, 29 S. La Salle, Chicago, Ill.
Nash, Duane H., agricultural implements, Millington, N. J.
Nash, E. W., Co., glue mfrs., 559 Atlantic av, Boston, Mass.
Nash Engn'g Co., compressors, pumps, etc., S. Norwalk, Conn.
Nash, F. & C. B., Co., cornices, Portland, Me.
Nash Hardware Co., Fort Worth, Tex.
Nash, J. M., machst., 842 30th, Milwaukee, Wis.

Nash Motors Co., The, auto mfrs., Kenosha, Wis.
Nash, O. M., & D. W., cornices, Portland, Me.
Nash-Robinson Co., masons' & bldrs.' matls., Waco, Tex.
Nash, S. H., & Sons, contractors, 364 E. 142d, New York
Nash, Stanley, contractor, Dorranceton, Pa.
Nash, Thos., architect, 52 Vanderbilt av, New York.
Nashua Building Co., Nashua, N. H.
Nashua Co-operative Iron Fdy. Co., Nashua, N. H.
Nashua Granite Co., Nashua, N. H.
Nashua Gummed & Coated Paper Co., Nashua, N. H.
Nashua Mach. Co., 127 Federal, Boston, Mass., & Nashua, N. H.
Nashua Mfg. Co., blankets & flannels—cotton, Nashua, N. H.
Nashua River Paper Co., Pepperell, Mass.
Nashua Saddlery Hdwe. Co., Nashua, N. H.
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Nashua Steam Press & Boiler Works, Nashua, N. H.
Nashua Woolen Mills, Nashua, Ia.
Nashville Abattoir, Hide & Melting Ass'n, meat packers, Nashville, Tenn.
Nashville Bridge Co., steel structural work, Nashville, Tenn.
Nashville Builders' Supply Co., Nashville, Tenn.
Nashville Cut Stone Co., Nashville, Tenn.
Nashville Hardwood Flooring Co., Nashville, Tenn.
Nashville Machine Co., Nashville, Tenn.
Nashville Pottery Co., Nashville, Tenn.
Nashville Press Brick Co., Nashville, Ill.
Nashville Roller Mills, flour, Nashville, Tenn.
Nashville Saddlery Co., Nashville, Tenn.
Nashville Spring & Mattress Co., Nashville, Tenn.
Nashville Tie Co., Nashville, Tenn.
Nashville Trunk & Mfg. Co., Nashville, Tenn.
Nason, Fred. W., Co., engines, regulators & gov. pumps, 39 Cortlandt, New York.
Nason Mfg. Co., engineering supplies & specialties, 71 Fulton, New York.
Nason, R. N., & Co., lubricating oils & greases, 151 Potrero av, San Francisco, Cal.
Nass, Geo., & Son, lbr., Broad & Vine, Philadelphia, Pa.
Nass & Hare Constr. Co., 113 Tasker, Philadelphia, Pa.
Nassau Fertilizer Co., 2 Rector, New York.
Nassau Mills Corp., paper, Buck Run, Pa.
Nassau Sand & Gravel Co., 949 B'way, New York
Nassau Smelting & Refining Works, bar solder & electrotype metals, 603 W. 29th, New York.
Nassau Sponge Co., 234 W. Lake, Chicago, Ill.
Nassau Steel & Iron Works, ornamental iron & structural steel, 525 58th, Brooklyn, N. Y.
Nassau Sulphur Wks., brimstone, 92 William, New York.
Nassau Valve & Pump Corp., acid metal pumps & chem. apparatus, Rockville Centre, L. I., N. Y.
Nast, Adolph S., architect, 56 W. 45th, New York
Nast Bros. Lime & Stone Co., Marblehead, Wis.
Nast, D., Machy Co., mill & factory supplies, Bourse, Philadelphia, Pa.
Natalbany Lumber Co., Ltd., Kentwood, La., & Hammond, La.
Nathan, Chas. E., second hand pipe, 133 W. Washington, Chicago, Ill.
Nathan, Harris, architects, 138 Broad, Newark, N. J.
Nathan, M. O., architect, 30 N. La Salle, Chicago, Ill.
Nathan Mfg. Co., machsts. & fndrs.—cocks, steam fire extinguishers, lubricators, valves, etc., 416 E. 106th, New York.
Nathan Nov. Mfg. Co., auto trunks, baskets, etc., 55 5th av, New York.
Nathan, P., & Co., furniture, 158 Hester, New York.
Natick Box & Board Co., packing boxes, mfrs., Natick, Mass.
National Abrasive Co., abrasive mfrs., 209 Washington, Boston, Mass.
National Acme Co., automatic screw machy. & products, 7500 Stanton av, S. E., Cleveland, Ohio.
National Adding Machine Co., machsts. & fndrs., 1366 W. 70th, Cleveland, Ohio.
National Advertising Co., see Seneca Falls Rule & Block Co., Inc. (successor).
National Advtg. Co., novelties, Coxton Bldg., Cleveland, Ohio.
National Aeroplane Co., 555 Washington blvd., Chicago, Ill.
National Air Cell Covering Co., pipe & boiler coverings, 163 Henderson, Jersey City, N. J.
National Airoil Burner Co., 9th & Thompson, Phila., Pa.
National Aluminum Co., bronze bushings, castings, solder & welding rods, Racine, Wis.
National Ammonia Co., chemicals, ammonia & pyridine, Phila., Pa., & 3600 N. B'way, St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
National Appraisal Co., 261 Franklin, Boston, Mass.
National Art Bronze Wks. Co., brass, bronze & aluminum castings, Pope & Carrie av, St. Louis, Mo.
National Art Glass Co., 5247 S. Green, Chicago, Ill.
Nationala Art Wks., advtg. signs, Covington, Ky.
National Asbestos Mfg. Co., 193 Henderson, Jersey City, N. J.
National Asbestos Packing Mfg. Co., packing mfrs., 2 Stone, New York.
National Ass'n of Window Glass Mfrs., 1st Nat'l Bank Bldg., Pittsburgh, Pa.
National Auto Top Co., 244 W. 49th, New York.
National Automatic Knitter Co., textile machy., supplies, etc., 2725 Nutter, Philadelphia, Pa.
National Automatic Press Co., printing presses, Lehighton, Pa.
National Automatic Tool Co., Richmond, Ind.
National Base Ball Mfg. Co., Schenectady, N. Y.
National Bauxite Co., 35th & Grays Ferry, Philadelphia, Pa.
National Bedding Co., cotton felt mattresses, 237 S. 2d, Philadelphia, Pa.
National Bedding Co., mattresses, 510 Cherry, New York.
National Bedding Co., mattresses, Leavenworth, Kan.
National Bedding Co., mattresses, Memphis, Tenn.
National Bell Fdry. Co., church, form, etc., bells, Cincinnati, Ohio.
National Belting Co., Elyria, Ohio
National Belting & Hose Co., 13th & Pine, St. Louis, Mo.
National Belting & Salvage Co., mill & factory supplies, 600 E. Water, Milwaukee, Wis.
National Billiard Mfg. Co., 20 W. Canal, Cincinnati, Ohio.
National Binding Machine Co., gummed tapes, 260 West, New York.
National Blank Book Co., loose leaf devices, Holyoke, Mass.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
National Blue Print Co, black prints & paper, 110 W. 32d, New York.

National Boiler & Sheet Iron Wks., Indianapolis, Ind.
National Boiler Spec. Co., boiler tube cleaner, Elgin, Ill.
National Boiler Washing Co. Ry. Exchange Bldg., Chicago, Ill.
National Bolt & Nut Co., 62nd & A. V. R. R., Pittsburgh, Pa.
National Box Co., packing box mfrs., 38th & Racine av, Chicago, Ill., & Natchez, Miss.
National Brake & Clutch Co. See Cork & Insert Co. (successors)
National Brake Co., machsts., Ellicott sq., Buffalo, N. Y.
National Brake & Elec, Co., air compressors, Pacific Bldg., San Francisco, Cal.
National Brake & Elec. Co., ft. Belleview pl, Milwaukee, Wis.
National Brass Co., fndrs., Grand Rapids, Mich.
National Brass & Copper Co., Lisbon, Ohio.
National Brass & Copper Tube Co., 41 Park row, New York.
National Brass & Copper Tube Co., 639 Mission, San Francisco, Cal.
National Brass Mfg. Co. brass cocks, valves, etc., Rochester, N. Y.
National Brass Mfg. Co., cabinet hdwe. mfrs., Cincinnati, Ohio.
National Brick Co., 118 N. La Salle, Chicago, Ill.
National Bridge Co., reinf. concrete steel const., Indianapolis, Ind.
National Bridge Wks., Review av, Long Island City, N. Y.
National Bronze & Aluminum Castings Co., 974 E. Garfield, Detroit, Mich.
National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, Ohio.
National Bronze Fdry., Buffalo, N. Y.
National Broom Co., Lockport, N. Y.
National Brush Co., Aurora, Ill.
National Bldr., trade publication, 542 S. Dearborn, Chicago, Ill.
National Builders', Inc., portable houses, Saginaw, Mich.
National Building Granite Quarries Ass'n, Inc., 31 State, Boston, Mass.
National Building Supply Co., North av & Oak, Baltimore, Md.
National Bush Co., 2 Rector, New York.
National Calendar Co., advtg. novelties, 1014 Flint, Cincinnati, O.
National Can Co., 121 N. Caroline, Baltimore, Md., & 36 Washington, Boston, Mass.
National Can Co., litho metal boxes, Grand blvd. & D. & M. R. R., W., Detroit, Mich.
National Canning Co., Olympia, Wash.
National Car Coupler Co., machsts. & fndrs., 332 S. Michigan av, Chicago, Ill.
National Car Seal Co., Hamilton, Ohio.
National Car Wheel Co., machsts. & fndrs., Keystone Bldg., Pittsburgh, Pa.
National Carbon Co., wet & dry batteries, motor & generator brushes, etc., Madison av, N. W., & W. 117th, Cleveland, Ohio.
National Card Mat & Board Co., 218 W. Superior, Chicago, Ill.
National Cash Register Co., Dayton, Ohio.
National Casket Co., 7th & Duquesne wy, Pittsburgh, Pa.
National Cast Iron Pipe Co., machsts. & fndrs., Birmingham, Ala.
National Castings Co., gray iron, Marietta, Pa.
National Chain Co., College Point, Long Island, N. Y.
National Chair Co., Dept. H, 1st & Clark av, St. Louis, Mo.
National Check Protecting Co., Minneapolis, Minn.
National Chemical Co., Syracuse, N. Y.
National Chemical Co., wood alcohol, Bradford, Pa.
National Chemical Co. of California, 526 S. Alameda, Los Angeles, Cal.
National China Co., Salineville, Ohio.
National Clay Co., Hatton, Ohio.
National Clay Refining Co., 430 Walnut, Phila., Pa.
National Clay Works, Mason City, Iowa.
National Clock & Mfg. Co., 20 W. Lake, Chicago, Ill.
National Cleaner & Dyer, trade publications, 124 N. Ann, Chicago, Ill.
National Clutch Co., clutches, 1859 Fulton, Chicago, Ill.
National Coal Co., Rockefeller Bldg., Cleveland, Ohio.
National Coated Paper Corp., Pawtucket, R. I.
National Cob Pipe Wks., Union, Mo.
National Coil Co., Lansing, Mich.
National Color & Chemical Wks., 59th & 11th av, New York.
National Co., rubber substitutes, 80 E. Jackson blvd., Chicago, Ill.
National Co., toys & stampings, 277 Congress, Boston, Mass.
National Concrete Co., Lemcke Bldg., Indianapolis, Ind.
National Concrete Const. Co., Louisville, Ky.
National Concrete Fireproofing Co., Citizens Bldg., Cleveland, Ohio
National Conduit & Cable Co., tel., feeders, etc., wire, 41 Park row, New York, and Hastings on Hudson, N. Y.
National Coning Machy. Co., Indianapolis, Ind.
National Constr. Co., Met. Life Bldg., Minneapolis, Minn.
National Constr. Co., 6120 Jenkins Arcade, Pittsburgh, Pa.
National Contr. Co., contrs., River & Harbor, Evansville, Ind.
National Cooperage & Woodenware Co., Peoria, Ill.
National Coopers' Journal, 820H Witherspoon bldg, Phila., Pa.
National Copper Refining Co., 7003 Quincy, Cleveland, O.
National Cornice Wks., 1327 Channing, Los Angeles, Cal.
National Cornices & Skylight Wks., 417 E. 9th, New York.
National Corrugated Culvert Mfg. Co., Warren, Pa.
National Cotton Oil Co., Montgomery, Ala.
National Crayon Co., West Chester, Pa.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
National Dairy Machine Co., Goshen, Ind.
National Decalcomania Co., transfer ornaments, 252 N. 60th, Phila., Pa.
National Desk Co., Herkimer, N. Y.
National Dictagraph Co., interior telephones, 220 W. 42d, New York.
National Dish Water Co., dish washing machs., Binghamton, N. Y.
National Disinfect'g Co., 306 E. 59th, New York.
National Drain Tile Co. See Streator Drain Tile Co. (successors)
National Drawn Steel Co., E. Liverpool, Ohio.
National Drill Co., Cambridge City, Ind.
National Druggist, trade publications, Century Bldg., St. Louis, Mo.
National Dry Dock & Repair Co., ship bldrs., West New Brighton, S. I., N. Y.
National Dry Kiln Co., Indianapolis, Ind.
National Dump Car Co., 80 E. Jackson blvd, Chicago, Ill.

National Duplicator Co., 72 Pine, New York.
National Dust-Down Co., sweeping compounds, 102 N. 1st, Brooklyn, N. Y.
National Duster Co. (Ltd.), 736 S. 2d, Phila., Pa.
National Egg Carrier Co., Council Bluffs, Ia.
National Elec. Co., cooking app., 140 W. Austin av. Chicago, Ill.
National Elec. Co., signs, Bel Air rd, Baltimore, Md.
National Elec. Controller Co., storage battery charging sets, 154 Whiting, Chicago, Ill.
National Elec. Laboratories, 117 Front, New York.
National Electric Lighting Co., Wilton Junction, Ia.
National Electric Porcelain Co., Carey, Ohio.
National Electric Signaling Co., wireless telegraph instrts., Farmers' Bank Bldg., Pittsburgh, Pa.
National Electric Specialty Co., Toledo, O.
National Electric Water Heater Corp., Times Bldg., New York
National Elec'l Mfg. Co., massage vibrators, 1161 B'way, New York.
National Electrical Supply Co., 1330 New York av, N. W., Washington, D. C.
National Electrolytic Co., potash—chemicals, Niagara Falls, N. Y.
National Elevator Co., machsts., 124 Longworth, Cincinnati, Ohio, and 62 W. 45th, New York.
National Enamel'g & Stamp'g Co., army canteens, 411 5th av, New York.
National Engineer, trade publication, 417 S. Dearborn, Chicago, Ill.
National Engng. Co., crankshafts, Saginaw, Mich.
National Engineering Co., sand mixing machines & screen separators, 549 W. Washington blvd, Chicago, Ill.
National Engng. & Equipment Co., hydraulic rams; air compressors; heating & power boilers, Seattle, Wash.
National Engineering & Tool Works, engine lathes, Oak Park, Ill.
National Envelope Co., 424 W. Liberty, Cincinnati, Ohio, and Waukegan, Ill.
National Equipment Co., machsts., Springfield, Mass.
National Excavataion & Foundation Co., 507 5th av, New York.
National Expanding Envelope Co., 110 Worth, New York.
National Farm Equipment Co., Inc., 98 Chambers, New York
National Felt Co., Easthampton, Mass.
National Fertilizer Co., 2 Rector, New York.
National Fibrestok Envelope Co., 427 Moyer, Phila., Pa.
National Fibre Products Co., tree moss, 321H S. Jefferson, Chicago, Ill.
National Fibre & Insulation Co., Yorklyn, Del.
See adv index at end of book.
National Filter Cloth & Weaving Co., 57 Hope, Brooklyn, N. Y.
National Fire Brick Co., Strasburg, Ohio.
Nat. Fire Proof'g Co., fire brick, Flatiron Bldg., New York.
National Fire Proofing Co., fire doors, 450 W. Broad, Columbus, Ohio.
National Fireproofing Co., 1100 Fulton bldg, Pittsburgh, Pa.
See adv index at end of book.
National Fireproofing Sash & Door Co., 449 Stagg, Bklyn, N. Y.
National Fireworks Distributing Co., 64 Sudbury, Boston, Mass.
National Flag Co., 1012 Flint, Cincinnati, Ohio.
National Flexible Glue Co., 169 N. Jefferson, Chicago, Ill.
National Flue Cleaner Co., Trenton, N. J.
National Fly Paper Co., Kenosha, Wis.
National Folding Box Co., New Haven, Conn.
National Forge & Tool Co., lathe spindles, tool holders & hollow forgings, Irvington, Pa.
National Foundation & Engineering Co., Citizens' Bldg., Cleveland, Ohio.
National Fndry. Co., Albuquerque, N. Mexico, Erie, Pa., & 24th av & Pk., Milwaukee, Wis.
National Foundry Co. of N. Y., 10 Sanford, Brooklyn, N. Y.
National Fdry. & Mach. Co., Louisville, Ky.
National Foundry Mfg. & Supply Co., Williamsport, Pa.
National French Fancy Nov. Co., toys, games & nov., 276 Hinsdale, Brooklyn, N. Y.
National Fuel Co., coke, Oliver Bldg., Pittsburgh, Pa.
National Fulton Brass Mfg. Co., machsts. & fndrs., 28 Brush, Detroit, Mich.
National Furnace Co., Dayton, Ohio.
National Galvanizing Co., hot process galvanizing, 1918 Carroll av, Chicago, Ill.
National Galvanizing & Plating Equipment Corp., 52 B'way, New York.
National Gas Furnace Co., 9 Codding, Providence, R. I.
National Gas Governor Co., gas regulators, 56 W. 45th, New York.
National Gauge Co., gauge mfrs., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equipment Co., gauges & thermometers, La Crosse, Wis. *See adv. index at end of book.*
National Gear Wheel Fdry., gears (machine moulded), South & Walker, Pittsburgh, Pa.
National Glass Co., 705 Blue Island av, Chicago, Ill.
National Glove Co., Columbus, Ohio.
National Glue Co., 539 W. 14th, Indianapolis, Ind.
National Glue & Gelatine Wks., 11th av & 59th, New York.
National Granite Co., Montpelier, Vt.
National Graphite Lubricator Co., Scranton, Pa.
National Grinding Wheel Co., 2984 Main, Buffalo, N. Y.
National Gum & Mica Co., glue, paste, starch, size, etc., mfrs., 59th & 11th av, New York.
National Hair Cloth Co., 2950 N. Jasper, Phila., Pa.
National Hanger & Fixture Mfg. Co., 496 E. 134th, New York.
National Hardware Co., 327 W. 4th, Cincinnati, Ohio.
National Hdwe. Stores, Inc., 309 B'way, New York
National Hdwe. & Equip. Co., mill supplies, 253H B'way, New York.
National Hardware & Supply Co., Duluth, Minn.
National Harness Review, trade publications, 1054 Buena av, Chicago, Ill.
National Harrow Co., harrows & pulverizers, Le Roy, Ill.
National Heater Co., Cleveland, Ohio.
National Htg. Co., 2050 Geyser av, St. Louis, Mo.
National Helmet Co., 250 W. 54th, New York.
National Hoisting Engine Co., machsts., Harrison, N. J.
National Home Bldg. Co., portable houses, Portland, Ore.
National Incubator Co., Racine, Wis.
National India Rubber Co., rubber goods—druggists', surgical & mech'l, etc., Bristol, R. I.
National Indicator Co., egg beaters, 852 Vernon av, Long Island City, N. Y.
National Inspection Co., fire extinguishers, 1617 Sansom, Philadelphia, Pa.
National Insulating & Mfg. Co., Indianapolis, Ind.
National Iron Co., Duluth, Minn.
Nat'l Iron & Wire Co., Cleveland, Ohio.
National Iron Works, Inc., archtl. iron work, Hartford, Conn.
National Jack Co., 2nd & Central, Cincinnati, O.
National Jewelry Case Co., 70 Exchange, Buffalo, N. Y.
National Kellastone Co., sanitary flooring & stucco, 5 S. Wabash av, Chicago, Ill.
National Knitting Co., gloves, socks, 905 Clinton, Milwaukee, Wis.
National Knitting Wks., sweaters, etc., Randolph & Jefferson, Phila., Pa.
National Knitting Works Co., bathing suit mfrs., 1967 E. 57th, Cleveland, Ohio.
National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
National Lamp Wks., of Gen'l Elec. Co., mazda lamps, Nela Park, Cleveland, Ohio.
National Lathe Co., 15 W. 2d, Cincinnati, Ohio.
National Ldry. Journal, trade publications, 124 N. Ann, Chicago, Ill.
National Lead Co., linseed oil & cake mills, 1406 W. 13th, Kansas City, Mo., and 111 B'way, New York.
National Lead Co., of Mass., linseed oil, 131 State, Boston, Mass.
National Lead & Oil Co. of Pa., Commonwealth Bldg., Pittsburgh, Pa.
National Leather Belt'g Co., asbestos brake lin'g, etc., 342 E. 38th, New York.
National Leather Mfg. Co., belting, packing, loomstrapping mfrs., etc., Niles, Mich.
National Life Preserver Co., life saving suits, 11 B'way, New York.
National Lime & Stone Co., Carey, Ohio.
National Limestone Co., Naginey, Pa.
National Liter Sales Co., gas & cigar lighters, Woodhaven, N. Y.
National Lock Co., Rockford, Ill.
National Lock Washer Co., machsts., 65 Johnson, Newark, N. J.
National Lbr. Co., Mt. Gilead, N. C.
National Lumber & Creosoting Co., Texarkana, Ark.
National Lumber & Mfg. Co., Hoquiam, Wash.
National Mach. Co., Hartford, Conn., 686 Nat. av, Milwaukee, Wis., & 507 Orange, Wilmington, Del.
National Mach. Co., postage stamp affixing machines, Brattleboro, Vt.
National Mach. & Const. Co., Kansas City, Mo.
National Mach. & Stamping Co., lawn mower sharpeners, Detroit, Mich.
National Mach. & Tool Co., 253 A, Boston, Mass.
National Machine Tool Co., Cincinnati, Ohio.
National Mach. Wks., 1559 Sheffield av, Chicago, Ill.
National Machinery Co., bolt, nut, etc., machinery, Tiffin, Ohio.
National Machy. Co., cotton machy., 11 Eddy, Providence, R. I.
National Malleable Castings Co., 7706 Platt av S. E., Cleveland, Ohio.
National Mantel Co., McKeesport, Pa.
National Mfg. Co., furniture, 30H Church, New York.
NATIONAL MFG. CO., slack cooper stock, Dime Savings Bank Bldg., Detroit, Mich.
National Mfg. Co., machsts., Sterling, Ill. & West Unity, Ohio.
National Mfg. Co., seed testers, hdwe. specialties, Des Moines, Ia.
National Mfg. Co. See Wickwire Spencer Steel Corp. (successors)
National Mfg. & Electro Plating Co., 16 Calendar, Providence, R. I.
National Mfg. & Engng. Co., pckg. mfrs., valve seats, etc., 1537 Race, Phila., Pa.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
National Mfg. & Supply Co., plumbers, mill & facty. supplies—jobbers, 256 3d av S., Minneapolis, Minn.
National Map Co., Indianapolis, Ind.
National Marine Engine Works, Inc., Scranton, Pa.
National Marine Lamp Co., flash lights, Forestville, Conn.
National Marking Mach. Co., 1054 Gilbert, Cincinnati, Ohio.
National Mattress Co., Lynchburg, Va.
National Megaphone Co., Wakefield, Mass.
National Metal Edge Box Co., 1217 Callowhill, Phila., Pa.
National Metal Molding Co., electrical conduits & fittings, 1110 Fulton Bldg., Pittsburgh, Pa.
National Metal Products Co., anodes, Dept. H, Athenia, N. J.
National Metal Seal Corp., bottle, glass & jar caps, 30 Church, New York.
National Metal Spinning & Stamping Co., 176-180 Grand, New York.
National Metal Stamp & Mfg. Co., fire engines, phonographic horns, shades & reflectors, etc., 494 Mulberry, Newark, N. J.
National Metalware Co., Inc., tinware, 95 S. 5th, Brooklyn, N. Y.
National Metalware Co., Inc., tinware, Bogart & Graham av, Brooklyn, N. Y.
National Metal Weather Strip Co., 117 W. Erie, Pittsburgh, Pa.
National Metallic Bed Co., machsts. & fndrs., Everett, Mass.
National Metallic Sash Co., window frames, 355 Union Park Court, Chicago, Ill.
National Meter Co., 299 B'way, New York, & 42d & 1st av, Brooklyn, N. Y.
National Mill Supply Co., Fort Wayne, Ind.
National Mill & Lumber Co., general mill work, 318 Market, San Francisco, Cal.
National Milling Co., 820 Flour Ex., Minneapolis, Minn., & Toledo, Ohio.
National Milling & Chemical Co., casein, Harper's Mills, Phila., Pa.
National Mirror Wks., Rockford, Ill.
National Mortar Co., 101 M, N. E., Washington, D. C.
National Mortar & Supply Co., masons' & bldrs.' matls., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
National Mosaic Co., marble, 338 Pennsylvania av, Washington, D. C.
National Mosaic Tile Co., Mobile, Ala.
National Mosaic Tile Co., ceramic tile, 2101 S. Kedzie av, Chicago, Ill.
National Motor Car & Vehicle Corp., 1004 E. 22nd, Indianapolis, Ind.
National Motor Co., clothes washing machines, Springfield, O.

National Motor Supply Co., gasoline savers, 5604 Euclid av, Cleveland, Ohio.
National Moving Picture Co., see Monarch Theatre Supply Co. (successors).
National Musical String Co., New Brunswick, N. J.
National Neck Yoke Co., Rock Island, Ill.
National Novelty Co., machsts., 519 3d S., Minneapolis, Minn.
National Oats Co., Cedar Rapids, Ia.
National Oil Co., soap & greases, 17 Battery pl, New York.
National Oil Products Co., Harrison, N. J.
National Oil & Sup. Co., 180 Freigysen av, Newark, N. J.
National Oven Co., Beason, N. Y.
National Oxygen Co., 105 W. Monroe, Chicago, Ill.
National Packaging Machinery Co., machsts., 172 Green, Jamaica Plains, Boston, Mass.
National Paint & Manganese Co., Lynchburg, Va.
National Paint & Varnish Co., 8709 Kinsman rd, Cleveland, O.
National Paper Co., paper bags, Atlanta, Ga.
National Paper Mills & Filler Co., W. 43d & S. Racine av, Chicago, Ill.
National Paper Products Co., 1789H Montgomery, San Francisco, Cal.
National Papeterie Co., Holyoke, Mass.
National Park Lumber Co., Idaho Falls, Idaho
National Parlor Suit Co., 65H Raymond, Brooklyn, N. Y.
National Patent Reed Co., Unionville, Conn.
National Pearl Wks., buttons, 30 E. 23d, New York, & 502 Mulberry, Newark, N. J.
National Pencil Co., Atlanta, Ga.
National Petroleum News, trade publication, Caxton Bldg., Cleveland, Ohio.
National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
National Piano Co., 621 Albany, Boston, Mass.
National Piano Mfg. Co., automatic pianos, Grand Rapids, Mich.
National Pickle & Canning Co., Blue Island, Ill.
National Plier Co., 67 Forest av, Buffalo, N. Y.
National Pin & Bracket Co., insulator, North Vernon, Ind.
National Pin Co., Derby, Conn.
National Pipe Bending Co., feed water heater, pipe coils & bends, New Haven, Conn.
National Pipe Die & Machine Co., Archbold, Ohio.
National Pipe & Fndry. Co., Attalla, Ala.
National Plaster Board Co., Cleveland, Ohio.
National Plastic Relief Co., 330 Main, Cincinnati, O.
National Plumbing & Heating Supply Co., 6044 S. State, Chicago, Ill.
National Pneumatic Co., car doors, 50 Church, New York.
National Pole Co., ties, poles & posts, Escanaba, Mich.
National Porcelain Co., Trenton, N. J.
National Pottery Co., Roseville, Ohio
National Pottery Co., Inc., china, Belleville, N. J.
National Power Machy. Co., 1914 Scranton rd, Cleveland, Ohio.
National Pressed Brick Co., Mascoutah, Ill., & 407 N. 8th, St. Louis, Mo.
National Pressed Steel Co., cold rolled strip steel, Massillon, O.
National Printing Mchy. Co., Athol, Mass.
National Production Co., jigs, fixtures & special machy., Bellevue & Benson, Detroit, Mich.
National Products Co., 2d-hand machy. dlrs., East Liverpool, O.
National Provisioner, trade publication, 116 Nassau, New York.
National Pulp & Turpentine Co., Green Cove Springs, Fla.
National Pump Co., Dayton, Ohio.
National Radiator Co., Johnstown, Pa.
National Railroad Trolley Guard Co., Olean, N. Y.
National Ry. Devices Co., doors, 224 N. Desplaines, Chicago, Ill.
National Refining Co., oils, 1400 E. 9th, Cleveland, Ohio.
National Refining Co., lubrg. oils, Indianapolis, Ind., & Springfield, Ill.
National Refining & Mfg. Co., petroleum, Bakersfield, Cal.
National Refrigerators Co., 827 Koeln av, St. Louis, Mo.
National Regulator Co., 208 S. Jefferson, Chicago, Ill.
National Retailers Adv. Corp., elec. signs, Kansas City, Mo.
National Retarder Co., Port Clinton, Ohio.
National Ribbon & Carbon Co., 1466 E. 55th, Cleveland, Ohio.
National Ring Traveler Co., textile mchy., 257 W. Exch., Providence, R. I.
National Roll & Foundry Co., Avonmore, Pa.
National Roller Chafe Iron Co., West Medway, Mass.
National Rolling Mill Co., Vincennes, Ind.
National Roofing Co., Tonawanda, N. Y., & Ware blk, Omaha, Nebr.
National Roofing Co., paper, Emigsville, Pa.
National Roofing & Supply Co., contrs., 124 W. Main, Louisville, Ky.
National Rosin Oil & Size Co., 90 West, New York.
National Rubber Co., automobile tires & tubes, Pottstown, Pa.
National Rubber & Specialties Co., rubber cement, etc., Winton pl, Cincinnati, Ohio.
National Rubber Supp. Co., mill & facty. supp., Denver, Colo.
National Safe & Lock Co., 2341 E. 69th, Cleveland, Ohio.
National Safety Fifth Wheel Co., Lancaster, Pa.
National Safety Snap Co., Wilmington, Ohio.
National Sales Co., minerals & earths, 31 E. 13th, Cincinnati, Ohio.
National Sales & Trading Co., alloys, chemicals, etc., Cleveland, Ohio
National Sand & Stone Co., Niles, Ohio.
National Sanitary Co., fndrs., Salem, Ohio.
National Sanitary Co., disinfectants, Sedalia, Mo.
National Saw Co., kraut cutters, Newark, N. J.
National Sawdust Co., sawdust, 102 N. 1st, Brooklyn, N. Y.
National School Slate Co., Slatington, Pa.
National Screen Mfg. Co., 1456 Harrison av, Cincinnati, Ohio.
National Screw & Tack Co., Stanton av, S. E., & C. & P. Ry, Cleveland, Ohio.
National Selling Co., cigar packing machy., Allentown, Pa.
National Sewer Pipe Co., Webster City, Ia.
National Sewing Mach. Co., arc lamp insulators, Belvidere, Ill.
National Sheet Metal Co., Peru, Ill.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J. *See adv index at end of book.*
National Shipbuilding Co., Seattle, Wash.
National Shipbuilding Co., Orange, Texas.
National Shipbuilding & Dry Dock Co., Savannah, Ga.
National Shoe Plate Mfg. Co., Cleveland, Ohio.
National Show Case Co., Columbus, Ga., & 486 Leonard, Brooklyn, N. Y.
National Silica Wks., silex, Berkeley Springs, W. Va.
National Sign Co., wood, Dayton, Ohio.
National Silica Co., Dept. H, Oregon, Ill.
National Skylight & Ventilator Co., Rochester, N. Y.
National Smelting Co. (The), aluminum, Grant av, Cleveland, O. *See adv. index at end of book.*
National Smelting & Refining Co., 92 John, New York.
National Smelting Corp., 554 Bryant, San Francisco, Cal.
National Snap Fastener Co., 4077 Park av, New York
National Soap Co., 440 Franklin, Detroit, Mich., & Leavenworth, Kans.
National Soap Corp., 444 Southampton, Boston, Mass.
National Solder Co., 934 E. 174th, New York.
National Specialty Mfg. Co., meat choppers, coffee mills, etc., 3d & Lehigh av, Philadelphia, Pa.
National Specialty Mfg. Co., 373 B'way, Milwaukee, Wis.
National Sponge & Chamois Co., 158 William, New York.
National Spring Bed Co., New Britain, Conn.
National Spring Clip Co., clothespins, Montpelier, Vt.
National Spring Co. (The), 689 Kent av, Brooklyn, N. Y.
National Spring Co., for automobiles, New Castle, Ind.
National Spring & Wire Co., Albion, Mich.
National Stamping & Elec. Works, lamps, etc., 424 S. Clinton, Chicago, Ill.
National-Standard Co., blowers, seed mills, pumps, etc., Box 211, Niles, Mich.
National Starch Co., 17 Battery pl, New York.
National Steam Heating Co., 1130 N. Clark, Chicago, Ill.
National Steam Pump Co., Upper Sandusky, Ohio.
National Steam Spec. Co., gauges, valves, etc., 16 S. Clinton, Chicago, Ill.
National Steel Barrel Co., Cleveland, O.
National Steel Casting Co., machsts. & fndrs., Montpelier, Ind.
National Steel Fndries, Belleview pl & Larkin, Milwaukee, Wis.
National Steel Products Co., lock-nuts, Dayton, Ohio
National Steel Tank & Mfg. Co., Bradford, Ill.
National Stone Co., Bloomington, Ind.; 122 S. Michigan av, Chicago, Ill., & New Castle, Pa.
National Stone Renovat'g Co., 409 W. 55th, New York.
National Stove Co., Div. Am. Stove Co., Lorain, Ohio.
National Sugar Mfg. Co., Sugar City, Colo.
National Sugar Refin'g Co., 129 Front, New York.
National Sulphur Co., brimstone, 80 Maiden la, New York.
National Supply Co., fuel oil, appliances, etc., 416 W. Grand av, Chicago, Ill.
National Supply Co., machsts. & fndrs., Equitable Bldg., Baltimore, Md., & Independence, Kans.
National Supply Co., mill & facty. supplies, Toledo, Ohio.
National Supply Co., mill & factory supplies, Union Bank Bldg., Houston, Tex., & Pittsburgh, Pa.
National Supply & Constr. Co., reinf. concrete steel const., Ellwood City, Pa.
National Supply & Equipment Co., foundry facings, Bulletin Bldg., Philadelphia, Pa.
National Supply & Mfg. Co., door hangers, wood skewers, etc., 2362 Palm, St. Louis, Mo.
National Supply Co. of Texas, mill & factory supplies & oil well supplies, Houston, Texas.
National Supply Co. of Texas, machy. dlrs., Beaumont & Humble, Texas.
National Surety Co., indemnity bond ins., 115 B'way, New York.
National Surface Guard Co., 343 S. Dearborn, Chicago, Ill.
National Sweeper Co., Division of The Torrington Co., hand vacuum cleaners, 59 Field, Torrington, Conn.
National Tack Co., East Bridgewater, Mass.
National Tag Co., Dayton, Ohio.
National Tank & Mfg. Co., 11th & Santa Fe av, Los Angeles, Cal.
National Tank & Pipe Co., Kenton sta., Portland, Ore. *See adv index at end of book.*
National Telegraphone & Supply Co., El Paso, Texas.
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
National Terra Cotta Co., s. cor. 16th & Oakland, Kansas City, Mo.
National Textile Mfg. Co., cotton batting, Cohoes, N. Y.
National Thermometer Co., chem. needles, etc., 125 E. 23d, New York.
National Ticket Case Co., 842 W. 35th, Chicago, Ill.
National Ticket Co., 205 St. Clair av, N. E., Cleveland, Ohio.
National Tile Co., Anderson, Ind.
National Time Switch Co., South Bend, Ind.
National Tin Co., detinn'g plants, 21 Park Row, New York.
National Tool Co., Cleveland, O., "National-Cleveland" milling cutters, etc. *See adv index at end of book.*
National Tracing Cloth Co., Saylesville, R. I.
National Trading Co., pig iron, steel, etc., Racine Bldg., Cleveland, Ohio
National Transit Pump & Machine Co., mfg. of pumping machy. for oil & gas lines, Oil City, Pa. *See adv index at end of book*
National Trunk & Bag Co., 86 S. Orange av, Newark, N. J.
National Trunk Co., 110 W. 9th, Kansas City, Mo.
National Tube Co., Frick bldg, Pittsburgh, Pa.
National Tubular Axle Co., Emigsville, Pa.
National Twist Drill & Tool Co., Detroit, Mich.
National Umbrella Co., 1372 W. 6th, Cleveland, Ohio.
National Umbrella Frame Co., lock washers, 30th & Thompson, Philadelphia, Pa.
National Utilities Corp., water supply systems, Bellview pl, Milwaukee, Wis.
National Varnish Co., 153 West av, Long Island City, N. Y.
National Vault Casket Co., 2145 Bay, Los Angeles, Cal.
National Veneer Products Co., trunk mfrs., Mishawaka, Ind.
National Ventilat'g Co., cornices & skylights, 337 E. 26th, New York.
National Vitaphone Corp., spring motor mfrs., Plainfield, N. J.
National Washboard Co., 72 W. Adams, Chicago, Ill.
National Waste Co., cotton & woolen wastes, Nixon & Levenington, Philadelphia, Pa.
National Voice Phonograph Co., Inc., Oneida, N. Y.
National Water Lift Co., Kalamazoo, Mich.
National Water Main Clen'g Co., 50 Church, New York.
National Waterproofing Co., waterproof paper, Drexel Bldg., Philadelphia, Pa.
National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.
National Web Co., elastic webbing, 263 Linden av, Jersey City, N. J.
National Welding & Mfg. Co., Buffalo, N. Y., & 527 W. Jackson blvd, Chicago, Ill.

National Whalebone Co., 25 W. 45th, New York.
National Wire Wheel Works, airplane wheels, Geneva, N. Y.
National Wood Floor Co., 607 W. 43d, New York.
National Woodenware Co. (Ltd.), ironing boards, Grand Rapids, Mich.
National Wood Wkrs., sash doors & blinds, Sioux City, Iowa
National Woodworking Mach. Co., Dover, N. H.
National Wrought Iron Annealing Box Co., Washington, Pa.
National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.
National Zinc Co., chemicals & minerals, 61 B'way, New York.
Native Lbr. Co., Howison, Miss.
Natural Falls Milling Co., flour, Bridgewater, Va.
Natural Products Refining Co., potash, 902 Garfield av, Jersey City, N. J.
Natural Slate Blackboard Co., Pen Argyl, Pa.
See adv index at end of book.
Natwick, J., & Co., lbr. mfrs., Munsey Bldg., Baltimore, Md.
Naubuc Paper Co., Glastonbury, Conn.
Nauffts, Theo., contractor, Duluth, Minn.
Naugatuck Chemical Co., acids, chemicals, etc., Naugatuck, Conn.
Naugatuck Mfg. Co., seamless copper floats mfrs., Naugatuck, Conn.
Naughton Constr. Co., 79 William, New York.
Naughton Marble Co., table tops, etc., 64 W. Grand, Chicago ,Ill.
Naughton & Weimar, barrel hoop driving & barrel washing machines, 1900 E. Westmoreland, Philadelphia, Pa.
Naugle Pole & Tie Co., 2307 S. Morgan, Chicago, Ill.
Nault, Onesime E., architect, 8 Wall, Worcester, Mass.
Nauman Co., automobile bldrs., 138 6th, Milwaukee, Wis.
Nauman Co., lumber mfrs., Waterloo, Ia.
Naumann Hardware & Supply Co., 4324 Gtn. av, Phila., Pa.
Naumkeag Buffing Machine Co., Beverly, Mass.
Naumkeag Steam Cotton Co., cotton sheetings, Salem, Mass.
Nauss, L. B., Sons, masons' & bldrs.' matls. & sash, door & blind mfrs., Gloucester, Mass.
Nautical Instruments Mfg. Co., Inc., 47 West, New York.
Nauvoo Canning Co., Nauvoo, Ill.
Naval Gun Fcty., steel castings, New Navy Bldg., Washington, D. C.
Naval Stores Equipment Co., rosin, turpentine mfrs., Canal Bank Bldg., New Orleans, La.
Navarro Lbr. Co., Navarro, Cal.
Navassa Guano Co., Wilmington, N. C.
Nave, J. H., architect, Lewiston, Idaho.
Nawn, Hugh, Contr. Co., contractors, 82 Savin, Boston, Mass.
Nawrath, J. P., & Co., cotton mops, 109 Wooster, New York.
Nax, Leonard, smoking pipes, 144 Noble, Philadelphia, Pa.
Nay, E. O., & Co., heating contractors, Pasadena, Cal.
Naylon-Pierson-Hough Co., horse collars, 158 Congress, W. Detroit, Mich.
Naylor Bros., mill & facty. supplies, Peekskill, N. Y.
Naylor & Co., ores, steel imp., mchsts. & fndrs., 120 B'way, New York.
Naylon-Pierson-Hough Co., harness & collars, 532 Congress W., Detroit, Mich.
Nazareth Cement Co., Nazareth, Pa.
Nazareth Coal & Lumber Co., masons' & bldrs.' matls., Nazareth, Pa.
NAZARETH FOUNDRY & MACHINE CO., castings, sugar machinery, conveyors, turntables, Nazareth, Pa., & 106 Front, New York
Nazel Engineering Works, pneumatic forging & power hammers, 4049 No. 5th, Philadelphia, Pa.
N. C. Reed Co., refrigerators, 65 Atlantic av, Boston, Mass.
N. C. Steel & Iron Co., Salisbury, N. C.
N. E. Bolt & Steel Co., Everett, Mass.
Neabrey, Leonard, cornices, 637 W. Court, Cincinnati, O.
Neahr, M. J., & Co., bags, 1600 S. Dearborn, Chicago, Ill.
Neal, B. B., Hardware Co., 117 Leonard, New York.
Neal-Blun Co., masons' & bldrs.' matls. & whol. hdwe., Savannah, Ga.
Neal & Brinker Co., mill & facty. supplies, who. hdwe., 81 White, New York.
Neal Co., The, hardware and small tools, 76 Pearl, Buffalo, N. Y.
Neal, E. H., architect, Williamstown, Mass.
Neal Elec. Headlight Co., Board of Trade Bldg., Boston, Mass.
Neal, James, cornices & skylights, Rome, Ga.
Neal, Johns & Co., wagons, Lake City, Minn.
Neal, Joseph L., architect, 245 4th av, Pittsburgh, Pa.
Neal, R. C., Co., Inc., whol. hdwe., 76 Pearl, Buffalo, N. Y.
Neal, W. H., & Son Co. See Eastern Shore Can Co. (successors)
Nealon, Jno. J., & Co., webbing (elastic), Bayonne, N. J.
Nearpara Rubber Co., reclaimed rubber, Trenton, N. J.
Nearpase, E. E., granite & stone producers, Port Jervis, N. Y.
Neary, J. H., & Sons, contractors, Cohoes, N. Y.
Neary, Peter, & Son Co., granite prod., Blisville, Long Island City, N. Y.
Nease, C., Lumber Co., East Liverpool, O.
Neast, Chas. & Co., masons' & bldrs.' matls., Mauch Chunk, Pa.
Nebergall, J. F., & Sons, contractors, Davenport, Ia.
Neb. Bridge Supply & Lbr. Co., Omaha, Neb.
Neb. Carbonic Acid Gas Co., Omaha, Neb.
Neb. Corn Mills, grits-hominy, Lincoln, Neb.
Neb. Culv. & Mfg. Co., Wahoo, Neb.
Neb. Lightning Rod Co., Omaha, Neb.
Neb. Paint & Lead Co., Lincoln, Neb.
Neb. Stone Co., Omaha, Neb.
Nebes, David, mill brushes, Lowell, Mass.
Necarsulmer, Edward, architect, 507 5th av, New York.
Neches Lbr. Co., Beaumont, Texas.
Necholson Clay Mfg. Co., bricks & drain tiles, Ray, Ill.
Neck Bros Co., Ltd., brick, Marksville, La.
Nedrow Mfg. Co., post office furniture, screens, etc., Caledonia, N. Y.
Nee, Coleman, masons' & bldrs.' matls., Escanaba, Mich.
Neebee, John, architect, 2522 Aubert av, Chicago, Ill.
Needham Bros., brick, Miami, Ind.
Needham Piano Co., organs, 520 W. 48th, New York.
Needles Mach. Wks., machsts., Needles, Cal.
Neel-Armstrong Co., generators, Akron, O.
Neeld, Benj. M., contractor, Decatur, Ill.
Neeld, C. M., Constr Co., Oliver Bldg., Pittsburgh, Pa.
Neelen & Daly, contractors, Fitzsimmons Bldg., Pittsburgh, Pa.
Neely Nut & Bolt Co., 26 S. 22nd, Pittsburgh, Pa.
Neemes Bros., grate mfrs., Troy, N. Y.
Neenah Brass Works, mchsts. & fdrs., Neenah, Wis.
Neenah Packing Co., canned goods, Neenah, Va.
Neenah Paper Co., Neenah, Wis.
Nees & Co., contractors, Frankford, Ind.
Nees, Louis, cornices, 240 12th av, Minneapols, Minn.
Neevel Mfg. Co., concrete reinf. matls., Kansas City, Mo.
N. E. Foundry Machy. Co., grey iron castings, Brockton & Campbells, Mass.
Neff, Benj. F. & Sons, brick, Bryan, O.
Neff Bros., cornices & skylights, Allentown, Pa.
Neff Bros., brick, North Creek, O.
Neff, C. H., masons' & bldrs.' matls., Canfield, O.
Neff, Conrad F., architect, Otis Bldg., Phila., Pa.
Neff, H. S., machsts., West Newton, Pa.
Neff, J. M., brick, Baltimore, O.
Neff, N. W., & C. D., masons' & bldrs.' matls., Geneseo, N. Y.
Neff & Thames, architects, 1213 Filbert, Philadelphia, Pa.
Neff & Thompson, architects, Seaboard Bk. Bldg., Norfolk, Va.
Negley Clay Co., Negley, O.
Negley, H. D., contractor, 7134 Idelwild, Pittsburgh, Pa.
Negus, S. P., landscape arch., 284 Dart, Boston, Mass.
Negus, T. S., & J. D., nautical instruments, etc., 140 Water, New York.
Nehls, Barney, plating works, 248 Brush, Detroit, Mich.
Nehrich, R. B., sweaters, cardigans, etc., 1260 B'way, B'lyn, N. Y.
Neider, F. A., Co., top prop nuts & carriage & auto trimmings, Augusta, Ky.
Neiderpreum Bldg. Co., 1170 Jefferson, Buffalo, N. Y.
Neidow & Payson Co. See Pneumatic Chuck Co. (successors)
Neidhart, B., & Co., whol, hdwe., Marquette, Mich.
Neidich Process Co., typewriter ribbons, paper—carbon, etc., Burlington, N. J.
Neidig, Chas. E., masons & bldrs.' matls., Goshen, Ind.
Neighbour, E. J., lime, German Valley, N. J.
Neil, F. Boyle, & Co., whol. hdwe., Blackfoot, Idaho.
Neil, Jas., & Co., flour mills, Carmichaels, Pa.
Neil & Smith Electric Tool Co., portable electric tools, 8th & B'way, Cincinnati, Ohio.
Neild, E. F., architect, Commercial Bk. Bldg., Shreveport, La.
Neiler, Rich & Co., elec. & mech. engnrs., Manhattan bldg, Chicago, Ill.
Neill, Geo. W., fndr., Portsmouth, Ohio.
Neill, J. O., Hardware Co., masons & bldrs.' matls. & agricultural implements, Fall River, Mass.
Neill-La Vielle Supply Co., mill & factory supplies, 505 W. Main, Louisville, Ky.
Neillsville Canning Co., Neillsville, Wis.
Neils, J., Lumber Co., Cass Lake, Minn.
Neily, Jos. W., whol. hdwe., 121 South, Baltimore, Md.
Neimeyer, A. J., Lumber Co., Little Rock, Ark.
Neiner, John, Carriage Co., 4736 Easton av, St. Louis, Mo.
Neilson, Leonard C., architect, McIntyre Bldg., Salt Lake City, Utah.
Neitge, Otto, contractor, Mankato, Minn.
Neitzel, B. H., contractor, South Bend, Ind.
Neitzel Bros. & Theilmann, corn brooms, Spokane, Wash.
Nejdl & Greenwald, contractors, Whiting, Ind.
Nekonegan Paper Co., Oldtown, Me.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Nela Specialties Division, Nat'l Lamp Wks. of G. E. Co., arc lamps, Nela Pk, Cleveland, Ohio.
Nelch, Hy., & Son, masons & bldrs.' matls., Springfield, Ill.
NELKE, L. D., SIGNS, NEW YORK, INC., elec. advertising signs, 18 W. 36th, New York *See adv index at end of book*
Nelker, J. Franklin, architect, Professional Bldg., Baltimore, Md.
Nellan, G. M., machst. & fndr., Newton, Kan.
Neller, Louis, contractor, Lansing, Mich.
Nelligan, Michael J., bldg. contr., Ansonia, Conn.
Nellis, Amos & Swift, lumber mfrs., Utica, N. Y.
Nelman & Saul, mchsts. & fndrs., Hamburg, Pa.
Nelms & Co., horse brushes, 407 Commerce, Philadelphia, Pa.
Nelsen, H. O., Iron Works, fndrs., Knoxville, Tenn.
Nelson, A. G., Lumber Co., Waupaca, Wis.
Nelson, A. J., architect, L. & L. & G. Bldg., New Orleans, La.
Nelson, A., Mfg. Co., machsts., 564 W. Randolph, Chicago, Ill.
Nelson, Alex., & Co., dumbwaiters, 103 W. 96th, New York.
Nelson, Alfred W., filter presses, 183 Snyder av, Brooklyn, N. Y.
Nelson, Anthony, signs, St. Paul, Minn.
Nelson & Ashworth, architects, Provo City, Utah.
Nelson, B. F., Mfg. Co., paper & boxboard mfrs., Minneapolis, Minn.
Nelson & Bauer, contractors, Fulton & Gough, San Francisco, Cal.
Nelson-Blanck Mfg. Co., drilling heads, Dubois & Clay av, Detroit, Mich.
Nelson Blower & Furnace Co., gas producers, designers & bldrs of machy., 11 Elkins, Boston, Mass.
Nelson Brick & Tile Co., New Haven, Ky.
Nelson Bros., archl. iron, 62½ Thayer, Boston, Mass.
Nelson Bros., contractors, Rock Island, Ill.
Nelson Bros., lumber mfrs., Jamestown, N. Y.
Nelson Bros., mattresses, Wilkes-Barre, Pa.
Nelson Bros. Co., machsts. & fndrs., Saginaw, Mich.
Nelson Building Co., chamber of Commerce, Detroit, Mich.
Nelson, C. H., Metal Co., tin plate, metals, etc., 104 So. Charles, Baltimore, Md.
Nelson, C., Mfg. Co., ice cream cabinets, 2300 Division, St. Louis, Mo.
Nelson & Call Co., hdwe. mfrs., Cortland, N. Y.
Nelson, Chas., grille work, 1939 W. Lake, Chicago, Ill.
Nelson, Chas., Co., lumber, 230 California, San Francisco, Cal.
Nelson & Co., contractors, Racine, Wis.
Nelson & Co., sash, door & blind mfrs., Jamestown, N. Y.
Nelson Constr. Co., Orange, N. J.
Nelson Construction Co., Huron, S. D.
Nelson Corp., gasoline farm tractors, 11 E. Elkins, Boston, Mass.
Nelson Corp., loose leaf devices, 326 W. Madison, Chicago, Ill.
Nelson, Edward J., architect, Greensburg, Pa.
Nelson, Edward O., architect, 39 S. La Salle, Chicago, Ill.
Nelson, Francis A., architect, 15 W. 38th, New York
Nelson, F. P., & Sons Co., contractors, 139 N. Clark, Chicago, Ill.
Nelson, Fred. A., architect, Connell Bldg., Scranton, Pa.
Nelson Gas Engine & Auto Co., Harlan, Ia.
Nelson, H. P., & Son Piano Co., 1254 Marianna, Chicago, Ill.
Nelson & Hall Co., butter tubs, Montgomery Center, Vt.
Nelson Hardware Co., Roanoke, Va.
Nelson & Hawkinson, stone producers, 6153 B'way, Chicago, Ill.

Nelson, Henry, mach. & fndr., Northwood, Ia.
Nelson, I. R., vacuum process impregnating, 1 Bond, Newark, N. J.
Nelson Indra Machinery Co., Green Bay, Wis.
Nelson Instrumental Co., fine tools, 11 Elkins, Boston, Mass.
Nelson, Ira I., metals, 10 High, Boston, Mass.
Nelson Iron Wks., 45 Spokane, Seattle, Wash.
Nelson, J. B., Mankato, Minn.
Nelson, J. M., architect, Roswell, N. M.
Nelson, J. M., oiled clothing, Gloucester, Mass.
Nelson, Jacks, Lumber Co., Shreveport, La.
Nelson, James E., Co., contractors, 7 Water, Boston, Mass.
Nelson, John F., contractor, 693 Hicks, Brooklyn, N. Y.
Nelson, Jos. E., & Sons, contractors, 3240 S. Michigan av, Chicago, Ill.
Nelson, Jos., Supply Co., plumbers' supplies—jobbers, Salt Lake City, Utah.
Nelson, L. H., Co., paper cups, Portland, Me.
Nelson, L. R., hose menders, 1810 S. Washington, Peoria, Ill.
Nelson & Le Moon, automobile bldrs., 849 N. Kedzie, Chicago, Ill.
Nelson & Lewin, contractors, 30 N. La Salle, Chicago, Ill.
Nelson Lumber & Mfg. Co., interior finish mfrs., 372 Dublin av, Columbus, Ohio.
Nelson, M., Furniture Co., mattresses, Astoria, Ore.
Nelson, M. E., contr., 12005 Wallace, Chicago, Ill.
Nelson Mach. Co., machsts., Waukegan, Ill.
Nelson Mach. Co., special machy, Taunton, Mass.
Nelson Mfg. Co., tank heaters, animal traps, Deerfield, Wis.
Nelson Mfg & Supply Co., machinists, Hutchinson, Kansas.
Nelson, Melville A., architect, 2612 Eastwood av, Chicago, Ill.
Nelson Motor Truck Co., Saginaw, Mich.
Nelson, Myers, Co., brick, West Manchester, Ohio.
Nelson, N. O., Co., plumbing supplies, Houston, Tex.
Nelson, N. O., Mfg. Co., mill & factory supplies, Memphis, Tenn.
Nelson, N. O., Mfg. Co., plumbers, heating, mill & facty. supplies—jobbers, 10th & Chestnut, St. Louis, Mo.
Nelson, N. O., Marble Co., Edwardsville, Ill.
Nelson, N. W., & W. A., Co., contractors, 400 Temple ct, Minneapolis, Minn.
Nelson-Neal Lumber Co., Montborne, Wash.
Nelson, Neis, & Son, machsts., Aberdeen, Wash.
Nelson, Nels P., contractor, Montclair, N. J.
Nelson, N. P., Iron Works, chutes, conveyors, wagon loaders, etc., 212 40th, Brooklyn, N. Y.
Nelson, Peter, contractor, Temple ct., Minneapolis, Minn.
Nelson, Peter, & Son, contractors, La Crosse, Wis.
Nelson, R., Canning Co., Galena, Mo.
Nelson Rivet Co., Taunton, Mass.
Nelson, Robt., contractor, Racine, Wis.
Nelson, S., architect, Arlington, Tex.
Nelson, Samuel, brush holders, 1748 Grace, Chicago, Ill.
Nelson & Thompson, contractors, Albert Lea, Minn.
Nelson Tool Co., Inc., machsts. & fndrs., dies, metal stamping, etc., 782 E. 142d, New York
Nelson Valve Co., machsts. & fndrs., Wyndmoor, Pa.
Nelson & Van Wagnen, architects, 15 W. 38th, New York.
Nelson, W. P., Co., decorators, 614 S. Michigan av, Chicago, Ill.
Nelson, Weber, Constr. Co., Oconomowoc, Wis.
Nelson & Forsyth, contrs., Oakland, Cal.
Nelsonville Brick Co., Nelsonville, Ohio.
Neltge, Otto, contractor, Mankato, Minn.
Nemann & Hieronymus, Mount Olive, Ill.
Nemes, B., machsts. & fndrs., 652 E. 12th, New York.
Nemirowsky, S., & Son, machy. dlrs., 136 N. 3rd, Phila., Pa.
Neosho Canning Co., Neosho, Mo.
Neosho Foundry & Plow Works, Neosho, Mo.
Neosho Milling Co., flour, Neosho, Mo.
Neostyle Co., duplicators, 319 B'way, New York.
Neostyle Envelope Co., 5 S, Wabash av, Chicago, Ill.
Ne-Page-McKenny & Co., electrical engnrs., Armour Bldg. Seattle, Wash.
Nephi Plaster & Mfg. Co., Salt Lake City, Utah.
Neponset Engine & Machine Co., gas & gasoline engine builders, Neponset, Boston, Mass.
Neponset Woolen Mills, woolen carriage cloth, Canton Junction, Mass.
Neptune Hardware Mfg. Co., 29 Murray, New York.
Neptune Meter Co., 50 E. 42d, New York.
Neptune Packing Co., canned goods, 148 State, Boston, Mass.
Neptune Paint Co., Hudson, Mich.
Neptune Twine & Cord Mills, Moodus, Conn.
Nesbitt, B. Morgan, architect, Twin Falls, Idaho.
Nesbitt & Bro., cornices, Wheeling, W. Va.
Neser, John E., arch'l. & ornament iron, 4 7th av, New York.
Neser & Quinn Co., plumbers' supplies, Lexington & Green, Baltimore, Md.
Neslage, Herman F., patterns & models, St. Louis, Mo.
Ness Bros. & Co., wagon & carriage material mfrs., York, Pa.
Ness, Geo. M., Jr., stamps, sinkers, stencils, etc., 61 Fulton, New York.
Ness, J. E., architect, Plymouth, Ind.
Ness, J. S., contractor, Plymouth, Ind.
Ness Lbr. Co., Hatton, N. D.
Ness & Theisen Constr. Co. See Theisen Co. (successors)
Nessen, J. O., Lumber Co., 122 S. Michigan av, Chicago, Ill.
Nester, P. H., canned goods, Thaxton, Va.
Nestles Food Co., 130 William, New York.
Nestor Mfg. Co., die mfrs., 40 W. 13th, New York.
Nestos Timber Co., Ltd., lumber, Bellingham, Wash.
Netcher, George W., architect, Tiffin, Ohio.
Netcott, H. E., architect, Independence, Ia.
Nettenstrom, Joel W., architect, 2425 Canton, Chicago, Ill.
Nethercott, R., flour mills, Rutherford, Tenn.
Netting, C. J., Co., elec. fix., 71 B'way, Detroit, Mich.
Nettleton-Bruce-Echbach Co., contractors, Seattle, Wash.
Nettleton-Bruce Logging Co., S. Prairie, Wash.
Nettleton & Weaver, architects, Penobscot Bldg., Detroit, Mich.
Netz, Edwin A., heating contr., 463 27th, Milwaukee, Wis.
Netzow, C. F., Mfg. Co., pianos, 1st & Becker, Milwaukee, Wis.
Neubauer, Stanley K., architect, 1118 Chestnut, Phila., Pa.
Neubeck, Adolf, nickel plating salts, Buffalo, N. Y.
Neuberger, Fred'k, & Co., turkish towels, Paterson, N. J.
Neubert, R. F., Co., incubators, Mankato, Minn.
Neuchatel Asphalt Co., bridge foundations, etc., 79 Thompkins, New York.
Neuer, H., Glass Co., 518 Reading rd, Cincinnati, Ohio.
Neuer & Hoffman, advert. nov. & spec., 75 Grand, New York.
Neuhaus, C., & Co., surgical instruments, 510 N. Eutaw, Baltimore, Md.

Neuhauser, D. L., glass stainers, elec. portables, 326 W. Grand av, Chicago, Ill.
Neuhoff Abattoir & Packing Co., meat packers, Nashville, Tenn.
Neuhoff Packing Co., meat, Nashville, Tenn.
Neuken, Albert, Cut Stone Co., Toledo, Ohio.
Neukirchen Bros., lbr., Issaquah, Wash.
Neuman, J. C., architect, Winchester, Va.
Neuman, J. C., cornices, Springfield, Ill.
Neuman-Warnock Co., radiator bushings, Beaver Dam, Wis.
Neumann, Arthur H., & Co., contractors, Des Moines, Ia.
Neumann, H. W., Mach. Co., Davenport, Ia.
Neumann, R., & Co., sumac, 76 Worth, New York.
Neumann, R., Hdwe. Co., 9 St. Francis, Newark, N. J.
Neumann, W., architect, 314 Palisade av, Jersey City, N. J.
Neumann, Walter F., architect, 114 Grand av, Milwaukee, Wis.
Neumann, William, architect, 314 Palisade av, Jersey City, N. J.
Neumarket, E. A., architect, Sharon Bldg., San Francisco, Cal.
Neumeister, F. P., & Co., carriages & knocked-down boats, Rockford, Ill
Neumeyer & Dimond, steel merchants, 82 Beaver, New York.
Neumeyer, H. F., & Son, machsts. & fndrs., Macungie, Pa.
Neumiller, J. & G., carriages, 125 Fell, San Francisco, Cal.
Neumkirchen & Harrsch, contractors, 133 W. Washington, Chicago, Ill.
Neupert & Budwig, packing box, Waterloo, Wis.
Neureitter & Horre, masons' & bldrs.' matls., Elizabeth, N. J.
Neustadt Auto. & Supply Co., 3200 Locust, St. Louis, Mo.
Neutzell, Chas., willow ware mfrs., Liverpool, N. Y.
Nevada City Hdwe. Co., Nevada City, Cal.
Nevada County Cannery Ass'n, Grass Valley, Cal.
Nevada Engineering & Supply Co. Wks., Reno, Nev.
Nevada Mchy. & Elect. Co., mill & factory supplies, Reno, Nev.
Nevada Packing Co., meat, Reno, Nev.
Nevada Sheet Metal Wks., Reno, Nev.
Nevels Bros., contractors, Hartford, Conn.
Never Fail Co., razor strops, Toledo, Ohio.
Neversink Dyeing Co., Inc., dyes & dyestuffs, Reading, Pa.
Never-Skid Mfg. Co., tire skid, 150 Nassau, New York.
Never Slip Safety Clamp Co., 51 E. 42nd, New York.
Neverslip Wks., The, calks & pliers, New Brunswick, N. J.
Never Split Seat Co., Evansville, Ind.
Neves, W. D., architect, Greenville, S. C.
Neville & Bagge, architects, 570 Bergen av, New York
Neville Bros., fertz. mfrs., West Union, S. C.
Neville, Jerry, contractor, London, Ohio.
Neville Steering Wheel & Mfg. Co., 139 Beaubien, Detroit, Mich.
Neville, T., carriages, Oshkosh, Wis.
Neville, Thos., & Co., automobile bldrs., Oshkosh, Wis.
Neville, Thos. J., masons' & bldrs.' matls., Malden, Mass.
Neville, W. N., flour mills, Arlington, Ky.
Nevin, Chas. K. B., architect, 6 Beacon, Boston, Mass.
Nevin, T. H., Co., paints, Island & Preble, Pittsburgh, Pa.
Nevinger, Dan'l D., contractor, 1259 Abbott rd, Buffalo, N. Y.
Nevin & Wischmeyer, architects, Starles bldg, Louisville, Ky.
Nevins, Ed. J., stone producer, wkr. & dlr., 638 W. 51st, New York.
Nevins, J. R., architect, Hope Bldg., Seattle, Wash.
Nevins, Oscar W., & Co., contrs., Pavonia & West Side av, Jersey City, N. J.
Nevins, Sam'l, Co., clay, crayon, pencil & silica mfrs., 109 S. 2d, Philadelphia, Pa.
New Acme Plating Co., 59 Page, Providence, R. I.
New Aetna Portland Cement Co., 412 Union Trust Bldg., Detroit, Mich.
New Age Tractor Co., 3046 Snelling av, Minneapolis, Minn.
New Albany Box & Basket Co., New Albany, Ind.
New Albany Hosiery Mills, lumbermen's socks, New Albany, Ind.
New Albany Machine Mfg. Co., New Albany, Ind.
New Albany Mfg. Co., grates, New Albany, Ind.
New Albany Veneering Co., New Albany, Ind.
New Albany Wall Plaster Co., New Albany, Ind.
New Alexandria Coke Co., Greensburg, Pa.
New Amsterdam Casualty Co., accident & emplrs.' liability, ins., 59 John, New York.
New Baden Milling Co., flour, New Baden, Ill.
New Bedford Boiler & Machine Co., New Bedford, Mass.
New Bedford Cordage Co., 120 Broadway, New York; mills, New Bedford, Mass.
New Bedford Foundry & Machine Co., New Bedford, Mass.
New Bedford Gas & Edison Light Co., water-gas tar, New Bedford, Mass.
New Bedford Mill Supply Co., New Bedford, Mass.
New Bedford Rubber Co., New Bedford, Mass.
New Bedford Shuttle Co., tex. machy., supplies, etc., New Bedford, Mass.
New Bedford Valve Mfg. Co., New Bedford, Mass.
New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.
New Bern Flue Cleaner Co., Franklin Bk. Bldg., Phila., Pa.
New Bethlehem Fabric Mfg. Co., canvas gloves, New Bethlehem, Pa.
New Bethlehem Window Glass Co., New Bethlehem, Pa.
New Bremen Bridge Co., New Bremen, Ohio.
New Bremen Broom Co., New Bremen, Ohio.
New Brighton Plaster Co., New Brighton, Pa.
New Britain Carriage Co., New Britain, Conn.
New Britain Machine Co., automatic screw and chucking machines, woodworking machinery & shop furniture, screw mach. products & tractor mfrs., New Britain, Conn.
New Britain Sheet Metal Co., radiator fans, New Britain, Conn.
New Britain Tool & Mfg. Co., special mach., etc., New Britain, Conn.
New Brunswick Chem. Co., sulphonated oils, 326 B'way, New York.
New Brunswick Iron Wks., New Brunswick, N. J.
New Can Co. 326 A, Boston, Mass.
New Castle Casket Co., New Castle, Ind.
New Castle Elastic Pulp Plaster Co., New Castle, Pa.
New Castle Fndry. Co., New Castle, Ind.
New Castle Limestone & Clay Co., New Castle, Pa.
New Castle Lumber & Constr. Co., New Castle, Pa.
New Castle Machy. Wks., machsts. & fndrs., New Castle, Ind.
New Castle Paper Mills, New Castle, Pa.
New Castle Steel & Iron Co., bolts, chains, forgings, etc., Pittsburgh, Pa.
New Central Foundry Co., Lewisburg, Pa.
New Century Adding Machine Co., E. St. Louis, Ill.
New Chicago Specialty Co., toys, games & novelties, New Chicago, Ind.
New City Iron Wks., 4857 S. Racine av, Chicago, Ill.

New Conklin Wagon Co., Olean, N. Y.
New Cumberland Brick Co., New Cumberland, Pa.
New Dell Lbr. Co., Eau Claire, Wis.
New Deemer Mfg. Co., lbr., Deemer, Miss.
New, D. F., flour, Carrollton, Ga.
New Departure Mfg. Co., New Departure ball bearing in double row, single row "Radax" & magneto types; coaster brakes & hubs for bicycles; bells for bicycles, fire alarm and house door use; steel balls and cyclometers for bicycles, 269 N. Main, Bristol, Con. *See adv index at end of book.*
New Doty Mfg. Co., machy., Janesville, Wis.
New Edmonton Mills, Inc., Edmonton, Ky.
New Egyptian Portland Cement Co., Penobscot Bldg., Detroit, Mich.
New England Annealing & Tool Co., machsts. & fndrs., 74 K, S. Boston, Mass.
New England Auto Top & Body Co., 317 W. 47th, New York.
New England Bedding Co., mattresses, 321 Congress, Boston, Mass.
New England Blacking Co., rubber goods, 24 Binford, Boston, Mass.
New England Bolt Co., Everett, Mass.
New England Bolt & Steel Co. See New England Bolt Co. (successors)
New England Box Co., Greenfield, Mass.
NEW ENGLAND BRASS CO., sheet metal in brass, copper, commercial bronze, nickel silver, Taunton, Mass.
New England Brass Foundry, 344 Park av, Worcester, Mass.
New England Brass & Fixture Co., elec. fixture mfrs., 77 Summer, Boston, Mass.
New England Brick Co., 18 Post Office Square, Boston, Mass.
New England Broom & Supply Co., 191 Forest Hills, Boston, Mass.
New England Buff Co., polishing wheels, 101 Albany, Boston, Mass.
New England Bunting Co., Lowell, Mass.
New England Butt Co., machsts. & fndrs., 304 Pearl, Providence, R. I.
New England Button Co., 79 Summit, Newark, N. J.
New England Cable Co., Concord, N. H.
New England Calendar & Novelty Co., advtge, novelties, 756 Main, Hartford, Conn.
New England Carpet Lining Co., New London, Conn.
New England Cement Gun Co., 12 West, Boston, Mass.
New England Collapsible Tube Co., New London, Conn.
New England Concrete Constr. Co., see William T. Reed Co. (successors).
New England Construction Co., Springfield, Mass.
New England Contr. Co., Worcester, Mass.
New England Cornice Co., 248 Bremen, E. B. Boston, Mass.
New England Cotton Yarn Co., cotton waste, Taunton, Mass.
New England Crushed Stone Co., 125 Forest Hills, J. P., Boston, Mass.
New England Drawn Steel Co., shafting & screw stock mfrs., Mansfield, Mass.
New England Dressed Meat & Wool Co., 41 No. Market, Boston, Mass.
New England Electrical Wks., Lisbon, N. H.
New England Enameling Co., coffee percolators, Middletown, Conn.
New England Engineering Co., 31 W. Main, Waterbury, Conn.
New England Envelope Co., Worcester, Mass.
New England Factories Co., furniture, Dept. H, Rockford, Ill.
New England Felt Roofing Wks., 101 Milk, Boston, Mass.
New England Fibre Blanket Co., Worcester, Mass.
New England Forge Co., Worcester, Mass.
New England Fuel & Trans. Co., coal mine, 111 Devonshire, Boston, Mass.
New England Furn. & Carpet Co., Dept. H, 5th, 6th & Marquette av, Minneapolis, Minn.
New England Gas & Coke Co., ammonium sulphate, 111 Devonshire, Boston, Mass.
New England Granite Wks., granite paving blocks, producers, etc., Westerly, R. I.
New England Iron Works, Inc., structural steel fabricators & warehouse, New Haven, Conn.
New England Iron Wks. Co., boilers, stacks, etc., Summer, Boston, Mass.
New England Lamp Co., incandescent lamps, Malden, Mass.
New England Lime Co., Danbury, Conn.
New England Lock & Hinge Co., Winchendon, Mass.
New England Mach. & Elec. Co., Pawtucket, R. I.
New England Machy. Co., stranding machs., New Haven, Conn.
New England Mfg. Co., acetylene gas machs., 1st Nat. Bk. Bldg., Chicago, Ill.
New England Mfg. Co., lbr., Lowell, Wash.
New England Metal Culvert Co., Palmer, Mass.
New England Mica Co., insulators & tubes, Waltham, Mass.
New England Novelty Wks., cutters, glass, irons—waffle, Hill, N. H.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
New England Plumbing Supply Co., Springfield, Mass.
New England Pressed Steel Co., motorcycle & bicycle parts and sheet metal stamping, Natick, Mass.
New England Purity Paper Bottle Co., paper bottles, Northampton, Mass.
New England Quartz Co. of N. Y., 150 Nassau, New York.
New England Reed Co., rattan furn., 11A Green, Boston, Mass.
New England Road Machy. Co., rock crushers, 15 S. Market, Boston, Mass.
New England Roller Grate Co., Springfield, Mass.
New England Rubber Shoe Co., 284 Summer, Boston, Mass.
New England Rug Co., Lawrence, Mass.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New England Steam Gauge Co., Penn av, Niantic, Conn.
New England Steel Casting Co., fndrs., Trenton, N. J.
New England Steel Roofing Co., Worcester, Mass.
New England Stone Co., New Haven, Conn.
New England Structural Co., Everett, Mass.
New England Supply Co., meat packers, 15 Gordon av, Providence, R. I.
New England Tank & Tower Co., wood tanks & steel towers, 42 Main, Everett, Mass.
See adv. index at end of book.
New England Tool & Machine Co., dies & fixtures, etc., 51 Taylor, Springfield, Mass.
New England Truck Co., Fitchburg, Mass.
New England Trunk Co., 26 Chauncy, Boston, Mass.
New England Ventg. & Heating Co., 926 Manton av, Providence, R. I.
New England Westinghouse Co., guns & rifles, Chicopee & Springfield, Mass.
New Era Canning Co., New Era, Mich.
New Era Mfg. Co., alloy metals, boiler compounds, packing mfrs., etc., Kalamazoo, Mich.
New Era Mfg. Co., pencil sharpeners, etc., 450 4th av, New York.
New Era Milling Co., flour, Arkansas City, Kan.
New Era Optical Co., 123 Madison, Chicago, Ill.
New Era Spring & Specialty Co., Detroit, Mich.
New, F. J., contractor, New Rochelle, N. Y.
New Farson Mfg. Co., music cabinets, Chester, Pa.
New Favorite Mfg. Co., auto valve grinders, lifters & washing machines, 183 W. Maple, Columbus, Ohio
New Fdry. Appliance Co., Hamilton, Ohio.
New Fdry. & Mfg. Co., Sioux City, Ia.
New Glarus Lumber Co., New Glarus, Wis.
N. H. Artistic Web Co., Barnstead, N. H.
New Hampshire Cement Const. Co., Manchester, N. H.
New Hampshire Granite Co., Concord, N. H.
New Hartford Canning Co., Ltd., New Hartford, N. Y.
New Hartford Cotton Mfg. Co., surgical gauze, New Hartford, N. Y.
New Haven Boiler Wks., New Haven, Conn.
New Haven Carriage Co., auto. metal bodies, Water & Franklin, New Haven, Conn.
New Haven Clock Co., New Haven, Conn.
New Haven Copper Co., anodes & copper, Seymour, Conn.
New Haven Cornice & Metal Wks., New Haven, Conn.
New Haven Elec. Mfg. Co., knife switches, New Haven, Conn.
New Haven Engineering & Constr. Co., contractors, 82 Church, New Haven, Conn.
New Haven Fence & Fire Escape Co., iron railings, 683 Grand av, New Haven, Conn.
New Haven Gas Light Co., aqua ammonia, tar mfrs., toluol, etc., New Haven, Conn.
New Haven Granite Wks., artificial stone ldry. tubs, New Haven, Conn.
New Haven Lumber & Supply Co., New Haven, Ind.
New Haven Midget Milling Co., flour, New Haven, W. Va.
New Haven Mill Co., flour, New Haven, Ky.
New Haven Pattern & Model Works, New Haven, Conn.
New Haven Pleating & Novelty Co., electroplating of every description, 31 Artizan, New Haven, Conn.
New Haven Plumbing Supply Co., New Haven, Conn.
New Haven Pulp & Board Co., New Haven, Conn.
New Haven Rigging Co., dock bldrs., New Haven, Conn.
New Haven Rivet Co., rolled thread screws & metal stampings, New Haven, Conn.
New Haven Sand Blast Co., sand blast machy. mfgs., New Haven, Conn.
New Haven Saw Mill Co., lbr. mfrs., New Haven, Conn.
New Haven Screw Co., screw machine products, 191 Foster, New Haven, Conn. *See adv index at end of book*
New Haven Sherardizing Co., sherardizing, also sherardizing furnaces machy. mfrs., New Haven, Conn.
New Haven Spring Bed Co., New Haven, Conn.
New Haven Switch Co., switch boards, New Haven, Conn.
New Haven Truck & Auto Wks., New Haven, Conn.
New Holland Machine Co., agricultural implements, stone pulverizers & corn mills, New Holland, Pa.
Jackson blvd, Chicago, Ill.
New Holstein Canning Co., New Holstein, Wis.
New Home Sewing Machine Co., Orange, Mass.
New I. D. Seat Co., carriage bodies, Rohrerstown, Pa.
New Idea Arc Light Co., 20 W. Houston, New York.
New Idea Spreader Co., Coldwater, Ohio.
N. J. Adamant Mfg. Co., plaster boards, etc., East Newark & Harrison, N. J.
New Jersey Asbestos Co., packings, 1 Water, New York
N. J. Blind & Screen Co., Paterson, N. J.
N. J. Brush Co., Bloomfield, N. J.
N. J. Button Wks., Duryea, Newark, N. J.
N. J. Car Spring & Rubber Co., tape insultg., 91 Brunswick, Jersey City, N. J.
N. J. Cement Constr. Co., 365 Park, Newark, N. J.
N. J. China Pottery Co., Trenton, N. J.
N. J. Clay Pot Co., glass house clay supplies, Vineland, N. J.
N. J. Clay Prod. Co., brick, New Brunswick, N. J.
N. J. Cutlery Co., pocket knives, 19th av & 16th, Newark, N. J.
N. J. Dock & Bridge Bldg. Co., Dix Bldg., Elizabeth, N. J.
N. J. Dry Dock & Transportation Co., machsts., Elizabeth, N. J.
N. J. Engineering & Supply Co., Passaic, N. J.
N. J. Foundry Co., Orange, N. J.
N. J. Foundry & Machine Co., expansion bolts, crank hoists manfrs., 89 West, New York.
N. J. Mach. Corp., paper box machy., Hoboken, N. J.
N. J. Lime Co., Hamburg, N. J.
N. J. Machinery Exchange, machy. dealer, 21 Mechanic, Newark, N. J.
N. J. Novelty Adv. Co., Newark, N. J.
N. J. Optical Co., 91 Runyon, Newark, N. J.
N. J. Paint Wks., Wayne, Jersey City, N. J.
N. J. Pulverizing Co., silica, 13 Park Row, New York
N. J. Rubber Co., Lambertville, N. J.
N. J. School & Church Furniture Co., Trenton, N. J.
N. J. Shipbuilding Co., Gloucester City, N. J.
N. J. Stone & Tile Co., Atlantic City, N. J.
N. J. TERRA COTTA CO., Singer bldg, New York.
See adv. index at end of book.
N. J. Trap Rock Co., Morristown, N. J.
N. J. Tube Co., Dept. H, Harrison, N. J.
N. J. Veneer Co., veneered panels, Paterson, N. J.
New Jersey Wire Cloth Co., Trenton, N. J.
See adv index at end of book
N. J. Wire Stitching Mach. Co., Camden, N. J.
N. J. Zinc Co., 160 Front, New York
N. J. Zinc Co. of Pa., Palmerton, Pa.
New Kensington Fibre Plaster Co., New Kensington, Pa.
New Kensington Stone Co., Wilkinsburg, Pa.
New Lexington Clay Mfg. Co., New Lexington, Ohio.
New Lexington Sand Co., New Lexington, Ohio.
New Lisbon Canning Co., New Lisbon, Ind.
New London Marine & Iron Wks., machsts. & fndrs., New London, Conn.
New London Motor Co., machsts., New London, Conn.
New London Screw & Nut Works, New London, O.

New London Ship & Engine Co., Diesel type heavy oil engine bldrs., Groton, Conn.
New London Vise Wks., New London, Conn.
New Louisville Rendering Co., Louisville, Ky.
New Machine Co., Danbury, Conn.
New Martinsville Glass Mfg. Co., table, New Martinsville, W. Va.
New, Matthew, architect, 2514 E. 91st, Chicago, Ill.
New Metal Tool Steel Co., case hardening compounds, Sebago Lake, Me.
New Metals & Process Co., Inc., lead smelters, Reading, Pa.
New Method Co., stoves, Mansfield, Ohio.
New Mex. Lbr. Co., El Vado, N. M.
New Milford Foundry & Machine Co., New Milford, Conn.
New Monarch Mach. & Stamping Co., Des Moines, Ia.
New Occidental Mill Co., buckwheat flour, Minneapolis, Minn.
New Orleans Boiler Wks., 643 Magazine, New Orleans, La.
New Orleans Butchers' Co-operative Abbatoir Co. (Ltd.), tallow, New Orleans, La.
New Orleans Cornice Wks., Co., Cortez & Orleans, New Orleans, La.
New Orleans Dry Docks & Shipbuilding Co., machsts. & fndrs., Whitney-Central Bldg., New Orleans, La.
New Orleans Furn. Mfg. Co., Dept. H, foot of Belle Castle, New Orleans, La.
New Orleans Machine Works, 509 Conti, New Orleans, La.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
New Orleans Silicate Brick Co., New Orleans, La.
New Orleans Trunk Co., 414 Carondelet, New Orleans, La.
New Philadelphia Const. Co., New Philadelphia, Ohio
New Phoenix Fdry. & Mach. Co., Springfield, Mo.
New Prague Flouring Mill Co.. New Prague, Minn.
New Prague Foundry Co., New Prague, Minn.
New Process Chem. Co., marine glue, linoleum, cement & paint, 39 Cortlandt, New York.
New Process Copper Casting Co., 5323H Butler, Pittsburgh, Pa.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
New Process Fertilizer Co., Columbus, Ohio.
New Process Gas Mantle Co., 27 Bank, Philadelphia, Pa.
New Process Gear Corp., Syracuse, N. Y.
New Process Line Co., Dept. H, McGraw, N. Y.
New Process Metal Co., special metals, 4650 Center, Newark,
New Process Roofing & Sup. Co., acteylene gas generators, Dallas, Tex.
New Process Specialty Co., special tools, jigs & fixtures, 230 Hanover, Milwaukee, Wis.
New Process Stove Co., 4415 Perkins av., Cleveland, Ohio.
New Process Twist Drill Co., drill sockets, drills & reamers, Taunton, Mass.
New Process Vacuum Dry Kiln Co., 2011 E 18th, Kansas City, Mo.
New River Collieries Co., coal mine, 120 B'way, New York
New River Co., coal mine, McDonald, W. Va.
New River H'dwe Co., Whol., Hinton, W. Va.
New River Lumber Co., Union Trust Bldg., Cincinnati, Ohio.
New River Who. H'dwe Co., Hinton, W. Va.
New River & Pocahontas Consolidated Coal Co., Phila., Pa.
New Riverside Ochre Co., clays, Cartersville, Ga.
New Roads Oil Mill & Mfg. Co., New Roads, La.
New Rochelle Coal & Lumber Co., masons' & bldrs.' matls., New Rochelle, N. Y.
New Standard Hdwe. Wks., machsts. & fndrs., Mount Joy, Pa.
New Specialty Mfg. Co., gasoline lighting systems, Council
New Speed Carburetor Co., San Francisco, Cal.
Bluffs, Ia.
New Standard Adding Mach. Co., New Forest Pk. blvd & Spring, St. Louis, Mo.
New State Sash & Door Co., Okla., Okla.
New Staunton Coal Co., Security Bldg., St. Louis, Mo.
New Stone Canning Co., Fordland, Mo.
New Toy Co., 143 Bleecker, Newark, N. J.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
New Ulm Roller Mill Co., flour, New Ulm, Minn.
New Ulm Stone Co., New Ulm, Minn.
New Union Lumber Co., Linton, Ind.
New Wapakoneta Wheel Co., Wapakoneta, Ohio.
New Way Knitting Co., sweaters, cardigans, Williamston, Mich.
New Way Motor Co., pumping engines, Lansing, Mich.
New Westerly Granite Co., Milford, N. H.
New Williams Mill Co., Inc., corn mills, N. Wilkesboro, N. C.
New Winona Mfg. Co., agricultural implements, Winona, Minn.
New Writerpress Co., addressing, duplicating & office printing machines, Shelton, Conn.
N. Y. Academy of Science, engng. schools & coll., 77th & Central Park West, New York
N. Y. Air Brake Co., mchsts. & fndrs., 165 B'way, New York.
N. Y. Architectural Terracotta Co., 401 Vernon av., Long Island City, N. Y.
New York Auto Equipt Co., Inc. See Copp, Geo. W. Co., Inc. (successors)
N. Y. Bath Mfg. Co., 103 Chambers, New York.
N. Y. Bearings Co., 311 W. 59th, New York (tr.)
N. Y. Bedding Co., mattresses, 96 Suffolk, New York
N. Y. Belting & Packing Co., billiard & pool table cushions, 91 Chambers, New York.
N. Y. Blank Book Co., r. r. stationery, 316 Hudson, New York.
N. Y. Blasting Supply Co., 11 Broadway, New York
N. Y. Blower Co., blowers, fans, forges, heating apparatus, etc., Archer av. & Canal, Chicago, Ill.
N. Y. Blue Print Paper Co., engineering & surveying instruments, 102 Reade, New York.
N. Y. Boat Oar Co., scoops, mast hoops, etc., 69 West, New York.
N. Y. Boston Bag Co., 56 Commercial Wharf, Boston, Mass.
N. Y. Brass Foundry Co., steam supplies mnfrs., 403 Broome, New York.
N. Y. Brass & Copper Co., 209 Centre, New York
N. Y. Brass & Iron Works, mchsts & fndrs., Spokane, Wish.
N Y. Brass & Wire Wks. Co., bank & office railings, 177 Grand, New York.
N. Y. & Brooklyn Casket Co., 703 Bedford av., Bklyn., N. Y.
N. Y. Buff Co., platers' supp., 202 Centre, New York
N. Y. Butchers' Dressed Meat Co., stearine & meat packers, 11th av. & 39th, New York.
N. Y. Button Works, 143 W. 19th, New York.
N. Y. Car Wheel Co., Niagara & Forest, Buffalo, N. Y.
N. Y. Carbonate Co., 1401 Park av, New York.
N. Y. Carved Moulding Co., 3d av. & 139th, New York.
N. Y. Central Iron Works Co., Inc., steam heaters, Hagerstown, Md.
N. Y. Coil Co., 338 Pearl, New York.
N. Y. Color & Chem. Co., 98 John, New York.
N. Y. Consolidated Card Co., playing card mfrs., 4th & Webster avs., Long Island City, N. Y.
N. Y. Consolidated Slate Co., roofing slate, Poultney, Vt.
N. Y. Continental Jewell Filtration Co., filter systems, Nutley, N. J.
N. Y. Cordage Co., rope oakum, etc., 123 Front, New York
N. Y. Cornice Works, skylights, 230 E. 22d, New York.
N. Y. Cotton Batting Co., Lockport, N. Y.
N. Y. Couch Bed Co., hammock mfrs., 418 W. 25th, New York, & Meadow & Anable av, Long Island City, N. Y.
N. Y. Cut Stone Co., producers, workers & dealers, Walnut av. & 133d, New York.
N. Y. Die-White-Schroeder Co., 245 Center, New York.
N. Y. Dry Dock & Repair Co., marine railways, Erie Basin, Brooklyn, N. Y.
N. Y. Elec. Controller Co., 35 Rose, New York.
N. Y. Elev. Co., 50 Grand, New York.
N. Y. Enameled Steel Sign Co., 725 Rockaway av, Brooklyn, N. Y.
N. Y. Engine Co., 165 B'way, New York.
N. Y. Engng. Co., gold & tin dredges, drills, etc., 2 Rector, New York.
N. Y. Engravers Supply, 230 W. 17th, New York.
N. Y. Feather Duster Co., 649 Broadway, New York.
N. Y. Flexible Metallic Hose & Tubing Co., 112 W 42d, New York.
N. Y. Flexible Wood Flooring Co., 112 W. 42d, New York.
N. Y. Fndry. Co., Pacific av., Jersey City, N. J.
N. Y. Gas Tubing Co., rubber goods, 95 Bank, New York.
N. Y. Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
N. Y. Glass Knob Markt., 79 E. 130th, New York
N. Y. Heater & Supply Co., mill & factory supplies, 39 Cortlandt, New York.
N. Y. High Grade Button Works, 166 Geary, San Francisco, Cal.
N. Y. Independent Meat Co., packers, 12th av. & 131st, New York.
N. Y. Insulated Wire Co., rubber goods, 84 State, Boston, Mass.
N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
N. Y. Iron & Steel Products Co., 143 Chambers, New York.
N. Y. Knife Co., cutlery mfrs., 225 5th av., New York.
N. Y. Knitting Mills, sweaters, bathing suits, etc., 141 Wooster, New York.
N. Y. Ladder Co., 384 Hudson, New York.
N. Y. Lap Robe Co., 219 Greene, New York.
N. Y. Leather Belting Co., strings & auto straps, 465 Kent, Brooklyn, N. Y.
N. Y. Lubricating Oil Co., 116 Broad, New York.
N. Y. Machy. Co., baling presses, steel lockers, racks & shelving, 200H 5th av, New York.
N. Y. Machinery Exchange, contractors' tools & supplies & machy. dlrs., 50 Church, New York
N. Y. Mallet & Handle Works, mauls, chisels, etc., 743 E. 11th, New York.
N. Y. Mattress Co., 32 Green, Boston, Mass.
N. Y. Metal Ceiling Co., tile, signs, etc., 537 W. 24th, New York.
N. Y. Metal Edge Box Works, 212 Front, New York.
N. Y. Metallic Bedstead Co., 198 Pacific av., Jersey City, N. J.
N. Y. Mica & Mfg. Co., Auburn, N. Y.
N. Y. Mica Products Co., 68 Murray, New York.
N. Y. Mills, malt roasting, 458 Greenwich, New York.
N. Y. Mills Corp., cotton duck, New York Mills, N. Y.
N. Y. Millwright Co., Inc., mill & factory supplies, 86 Cortlandt, New York.
N. Y. Motion Picture Corp., films, 1459 B'way, New York.
N. Y. Motor Works Co., Nutley, N. J.
N. Y. Multi-Color Cop'g Co., blue & black prints & papers, 25 Pearl, New York.
N. Y. Net & Twine Co., Moodus, Conn.
N. Y. & New England Cement & Lime Co., 30 Broad, New York.
N. Y.-New England Co., paper & pulp mills, Holyoke, Mass.
N. Y. & N. J. Chandelier Co., 512 Paterson Plank rd., Jersey City, N. J.
N. Y. & N. J. Lubricant Co., grease guns & syringes, 165 B'way, New York.
N. Y. Nickel Plating & Mfg. Co., supply pipes, 327 E. 63d, New York.
N. Y. Nov. Co., mchsts. & fndrs., 621 B'way, New York
N. Y. Oil Cabinet Co., 103 Walker, New York.
N. Y. Oilless Bearing Co., 126 Liberty, New York.
N. Y. & Penn. Co., envelope & express paper, 200 5th av, New York, & paper & pulp mills, Willsboro, N. Y.
N. Y. Phila. Coal & Coke Co., Produce Exchange, New York.
N. Y. Piano Hdwe. Co., 315 5th av, New York.
N. Y. Piano Stool & Mfg. Co., East Stroudsburg, Pa.
N. Y. Plumbers Specialty Co., 234 E. 99th, New York.
N. Y. Pneumatic Service Co., 15 W. 44th, New York.
N. Y. Pottery Co., flue linings & chimney tops, Fuller Bldg., New York.
N. Y. Prism Co., glass & vault lights, 141 Spring, New York.
N. Y. Quebracho Extract Co., 80 Maiden la., New York.
N. Y. Queens Elec. Light & Power Co., 444 Jackson av, New York.
N. Y. Quinine & Chem. Works, iodoform, 100 William, New York.
N. Y. Radiator Co., Utica, N. Y.
N. Y. & Richmond Gas Co., water-gas tar, Stapleton, N. Y.
N. Y. Roll Wrapping Paper Co., twine holders, 84 Beekman, New York:
N. Y. Rubber Co., Reade & Church, New York; Chicago, Ill., 325 W. Randolph; Houston, Texas.
N. Y. Rubber Disc Co., washers, 215 E. 98th, New York.
N. Y. Sand & Fac'g Co., 106 Grand av., Brooklyn, N. Y.
N. Y. Sewage Disposal Co., 37 E. 28th, New York.
N. Y. Shipbuilding Co., Camden, N. J.
N. Y. Silicate Book Slate Co., crayon mfrs., etc., 24 Vesey, New York.
N. Y. Slate Works, laundry tubs, sinks, trays, etc., 255 E. 138th, New York.
N. Y. Soap Works, 427 W. 13th, New York.
N. Y. Sporting Goods Co., 15 Warren, New York.
N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
N. Y. Standard Ash Can Mfg. Co., 60 Dobbin, New York.
N. Y. Standard Watch Works, counters, pole, 403 Communipaw av., Jersey City, N. J.
N. Y. State Sewer Pipe Co., Rochester, N. Y.
N. Y. Steel & Copper Plate Co., 30 Morton, Brooklyn, N. Y.

N. Y. Stencil Works, mach'y, 100 Nassau, New York.
N. Y. Store Fixture Co., 5 E. 137th, New York.
N. Y. Switch & Crossing Co., mchsts. & fndrs., Hoboken, N. J.
N. Y. Tassel & Cord Co., 35 Howard, New York.
N. Y. Thermometer Co., 36 E. 23rd, New York; factory, Brooklyn, N. Y. *See adv index at end of book*
N. Y. Trap Rock Co., crushed stone, 101 Park av, New York.
N. Y. University Engng. School & Coll., University Heights, New York.
N. Y. Veneer Seating Co., 171 Pacific av., Jersey City, N. J.
N. Y. Washer Works Co., 89 Morton, New York.
N. Y. Wheelbarrow Works, 180 West, New York.
N. Y. Wire Cloth Co., Woolworth Bldg., New York.
N. Y. Wire & Spring Co., 588 Washington, New York.
N. Y. Wood Working Corp., fixtures, carved mouldings, etc., 502 E. 19th, New York.
N. Y. Woven Label Mfg. Co., 45 W. 34th, New York.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Newala Lime Works, Newala, Ala.
Newall Henry B., door hangers, 89 West, New York.
Newark Air Sand Box Co., locomotive sanders, Newark, Ohio
Newark Bay Smelting & Refining Co., alloy ingots, Plum st lane, Newark, N. J.
Newark Blue Stone Co., 120 Passaic, Newark, N. J.
Newark Boxboard Co., Blanchard, Newark, N. J.
Newark Brass Plate Engraving Co., 53 Lawrence, Newark, N. J.
Newark Brush Co., 253 Mulberry, Newark, N. J.
Newark Brush & Scraper Co., 266 Fabyan pl., Newark, N. J.
Newark Casting Co., Newark, Ohio.
Newark Cork Products Co., 26 Franklin, Newark, N. J.
Newark Cornice & Skylight Works, 9-15 17th av., Newark, N. J
Newark Constr. Co., Newark, Ohio.
Newark Cut Glass Co., 61 Arlington, Newark, N. J.
Newark Door Co., 221 Sussex av., Newark, N. J.
Newark Elmar A. & Co., advtg. spec., Charlotte, Mich.
Newark Fire Proof Sash & Door Co., laundry tray cover, 138 Avon av, Newark, N. J.
Newark Gas Engine & Mfg. Co., friction clutches, 479 Canal, New York, & 676 N. 6th, Newark, N. J.
Newark Gear Cutting Machine Co., 69 Prospect, Newark, N. J.
Newark Glass Co., 273 Market, Newark, N. J.
Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
Newark Hair Felt Co., Lansdale, Pa.
Newark Hat Block & Mach. Co., 320 Ogden, Newark, N. J.
Newark Jewel Co., 51 Lawrence, Newark, N. J.
Newark Knitting Wks., sweaters, etc., 587 S. 10th, Newark, N. J.
Newark Leather Goods Wks., 28 Division pl, Newark, N. J.
Newark Leather Machy. Co., 153 Frelinghuysen av, Newark, N. J.
Newark Mantel Co., 59 Poinier, Newark, N. J.
Newark Masons Contracting Co., 156 Ridge, Newark, N. J.
Newark Metal Co., scrap iron, Newark, N. J.
Newark Ohio Furn. Co., Dept. H, Newark, Ohio.
Newark Packing Co., meat, 217 Astor, Newark, N. J.
Newark Paraffine & Parchment Paper Co., 90 West, New York.
Newark Paving Co., 133 1st, Newark, N. J.
Newark Plaster Co., 65 Bridge, Newark, N. J.
Newark Rivet Wks., 262 Lafayette, Newark, N. J.
Newark Sand Co., ft Center, Newark, N. J.
Newark Sheet Metal Co., Newark, N. J.
Newark Sign Co., 33 Treat Place, Newark, N. J.
Newark Soap Co., Newark, N. J.
Newark Spring Mattress Co., 220 B'way, New York, & 80 Madison, Newark, N. J.
Newark Stamping & Foundry Co., hose clamps, Newark, Ohio.
Newark Steel & Iron Wks., 12 Mercer, Newark, N. J.
Newark Tallow Co., soap, Newark, Ohio.
Newark Technical School, engng. school & coll., 367 High, Newark, N. J.
Newark Trunk Co., 11 W. 42d, New York.
Newark Tube & Metal Wks., 560 Ferry, Newark, N. J.
Newark Varnish Wks., 111 Delancey, Newark, N. J.
Newark Vegetable Ivory Button Co., 228 High, Newark, N. J.
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J. *See adv index at end of book*
Newaygo Portland Cement Co., Grand Rapids, Mich.
Newbern Iron Works & Supply Co., mill & factory supplies, Newbern, N. C.
Newberry Cotton Mills, sheetings, Newberry, S. C.
Newberry Hardware Co., Alliance, Neb.
Newberry, Isaac, turpentine, Arlington, Ga.
Newberry, Robt. Thorne, architect, 108 S. La Salle, Chicago, Ill.
Newberry, S. W., contrs., Norristown, Pa.
Newberry, Wm. F., architect, Otis Bldg., Phila., Pa.
Newberrys Hdwe. Co., mill & factory supplies, Alliance, Neb.
Newbold, R. S., & Son Co., machsts. & fndrs., Morristown, Pa.
Newborn, W. H., & Co., bottle mfrs., Royersford, Pa.
Newburg, Carl A., contractor, Ridgway, Pa.
Newburgh Brick & Clay Co., Engineers bldg., Cleveland, Ohio.
Newburgh Cornice Wks., galv. iron store fronts, Newburgh, N. Y.
Newburgh Lumber Co., Newburgh, N. Y.
Newburgh Planing Mill Co., Newburgh, N. Y.
Newburgh Shipyds., Inc., Newburgh, N. Y.
Newburgh Silk Co., umbrella cloth, Newburgh, N. Y.
Newbury, J. G., Iron Wks., machsts. & fndrs., Coxsackie, N. Y.
Newbury, J. H., machsts. & fndrs., Goshen, N. Y.
Newbury Mfg. Co., machsts. & fndrs., Monroe, N. Y.
Newburyport Counter Co., Newburyport, Mass.
Newby, C. H., brick, Lynnville, Ia.
Newby & Evans Co., pianos, So. blvd. near E. 136th, New York.
Newcastle Portland Cement Co., fire brick, New Castle, Pa.
Newcomb, F. H., employees' uniforms, 136 Flatbush av, Brooklyn, N. Y.
Newcomb Loom Co., Davenport, Ia.
Newcombe, T. J., granite, Barre, Vt.
Newcomber, J. M., & Co., masons' & bldrs.' matls., Waynesboro, Pa.
Newcomer Coke Co., Uniontown, Pa.
Newcomer, John D., architect, Charleston, S. C.
Newell-Bissell Lbr. Co., Seattle, Wash.
Newell & Brother, soap, Army & San Bruno, San Fran., Cal.
Newell Coal & Lumber Co., masons' & bldrs.' matls., Pawtucket, R. I.
Newell, Frank V., architect, 08 Av A, Miami, Fla.
Newell, Fred E., machsts., Central Falls, R. I.
Newell, H., & Co., masons' & bldrs.' matls., Shelburne Falls, Mass.
Newell & Knowlton, machsts. & fndrs., Peabody, Mass.
Newell L. B., cloth & metal signs, 170 Summer, Boston, Mass.
Newell Lbr. Co., Eunice, La.
Newell Mfg. Co., machsts. & fndrs., Ogdensburg, N. Y.
Newell Mfg. Co., sugar cane shredders, mills, etc., 149 B'way, New York.
Newell Mill & Lumber Co., Seattle, Wash.
Newell, T. D., contractor, Richmond, Va.
Newell, Wm. B., architects, rear 8 S. Plum, Richmond, Va.
Newell, Wm. B., contractor, Richmond, Va.
Newfield Silver Mfg. Co., electric auto lamps, State & Ash, Bridgeport, Conn.
Newfields Iron Fdy., Newfields, N. H.
Newgard, Hy., & Co., boxes, plugs, switchboards, etc., 947 Washington blvd., Chicago, Ill.
Newhall & Blevins, architects, 9 Park, Boston, Mass.
Newhall, Geo. M., paper & pulp mill architect, Com'l Trust Bldg., Philadelphia, Pa.
Newhall Chain, Forge & Iron Co., chain manfrs., 89 West, New York.
Newhall Engng. Co., 149 B'way, New York.
Newhall, Geo. M., Engng. Co., 149 B'way, New York.
Newhart & Newhart, contrs., Terre Haute, Ind.
Newhof, L., fertilizer mfrs., Albany, N. Y.
Newhouse, Henry L., architect, 4630 Prairie av, Chicago, Ill.
Newichawanick Co., carriage robes, woolen blankets, South Berwick, Me.
Newkirk, Clement R., architect, Cutler Bldg., Rochester, N. Y.
Newkirk, Jno. B., & Co., scrap iron & steel, Harrison Bldg., Philadelphia, Pa.
Newland Hat Co., umbrella mfrs., 162 Jefferson av, Detroit, Mich.
Newlands Bros., machsts. & fndrs., 28th & A. V. Ry., Pittsburgh, Pa.
Newlands Sanitary Laboratory, 111 Laurel, Hartford, Conn.
Newlin-Knight Hardware Co., 411 Commerce, Philadelphia, Pa.
Newlon Foundry & Machine Co., Grafton, W. Va.
Newman, A., machst. & fndr., Amber, N. Y.
Newman, A. J., marble & stone monuments, Shreveport, La.
Newman, Andrew, Co., wire drawing plates & dies, 26 Cortland, New York.
Newman Bros. Co., organs, pianos & players actions, 410 S. Michigan av, Chicago, Ill.
Newman, C., Wire Co., 25 Church, New York.
Newman & Carey Sub. Constr. Co., 1228 Nostrand av, Brooklyn, N. Y.
Newman Clock Co., 428 Broadway, New York
Newman & Co., cornices, Ogden, Utah.
Newman, E. B., Charcoal Co., 548 W. 25th, New York.
Newman, E. W., flour mills, Ashland, Va.
Newman, Edgar M., architect, 30 N. La Salle, Chicago, Ill.
Newman Elec. Lamp Co., 717-21 Sycamore, Cincinnati, Ohio.
Newman, F. E., architect, 1123 B'way, New York
Newman & Harris, architects, 120 E. 40th, New York.
Newman, J. J., Lbr. Co., Scranton, Pa.
Newman Mach. Co., wood planing machs., Greensboro, N. C.
Newman Mfg. Co., architectural & ornamental brass work, special machy., 722 Sycamore, Cincinnati, O. *See adv index at end of book*
Newman Mfg. Co., foot valves, 79 Barclay, New York.
Newman Manufacturing Co., jigs & fixtures, 542 W. Jackson, Chicago, Ill.
Newman Thomas L., architect, 2236 Ellis av, New York.
Newman Tool Co., punching & blanking dies, 24 Centre, New York
Newman, W. A., architect, 7th & Mission, San Francisco, Cal.
Newman, W. H. H., & Co., tin plate, metals, etc., 70 Main, Buffalo, N. Y.
Newman, W. J., Co., contractors, 19 N. Curtis, Chicago, Ill.
Newman's Akron Cement Co., 141 Erie, Buffalo, N. Y.
Newmarket Mfg. Co., cotton sheetings, Newmarket, N. H.
Newport Boiler Co., 105 S. Dearborn, Chicago, Ill.
Newport Chemical Works, Milwaukee, Wis.
Newport Constr. Co., Herkimer, N. Y.
Newport Culvert Co., Newport, Ky.
Newport Fdry. Co., Newport, Ky.
Newport Fdry. & Machine Co., mill & factory supp., Newport, Ark.
Newport Lumber Co., Newport, Ark.
Newport Mfg. Co., lbr., Greensboro, N. C.
Newport Mill Co., flour, Newport, Tenn.
Newport Mining Co., iron ores, Milwaukee, Wis.
Newport News Shipbuilding & Dry Dock Co., steel cast'g, 233 B'way, New York.
Newport Novelty Mfg. Co., goggles, 28 Boerum, Brooklyn, N. Y.
Newport Pressed Brick & Stone Co., Newport, Ky.
Newport Rolling Mill Co., plain ridge roll, Newport, Ky.
Newport Sand Bank Co. (The), molding sand, Newport, Ky.
Newport Turpentine & Rosin Co., Milwaukee, Wis.
Newsom, Sidney B., & Noble, architect, Nevada Bk. Bldg., San Francisco, Cal.
Newson, J. Cather, architect, 1422 B'way, Oakland, Cal.
Newson, Wm. A., contractor, Sharon Bldg., San Francisco, Cal.
Newth, N. J., Hardware Co., Ilion, N. Y.
Newton, A. C., brick, Crescent, N. Y.
Newton, A. E., & Co., oils & greases, 164 Prospect av, B'klyn, N. Y.
Newton, Albro J., Co., sash, door & blind mfrs., 575 Union, Brooklyn, N. Y.
Newton Automatic Shading Pen Co., Pontiac, Mich.
Newton, B. S., architect, 1125 Pleasant, Worcester, Mass.
Newton, C., stage lights & stereopticons, 305 W. 15th, New York
Newton Chemical Co., wood alcohol, Olean, N. Y.
Newton C. T., lamps, 305 W. 15th, New York.
Newton & Co., woolen flannels, Homer, N. Y.
Newton, Edwin A., machsts. & fndrs., 310 N. 4th, Phila., Pa.
Newton Engineering Co., 221 Grand, Milwaukee, Wis.
Newton, F. C., sash, door & blind, 57 Bristol, Boston, Mass.
Newton Falls Mfg. Co., carpenters, etc., mallets, Newton Falls, Ohio.
Newton Falls Paper Co., Watertown, N. Y.
Newton, Geo. F., architect, 6 Beacon, Boston, Mass.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
Newton, James, print'g presses & mach'y, 116 Nassau, New York
Newton Line Co., fish line mfrs., Homer, N. Y.
Newton Louis Sheldon, architect, Hartford, Vt.
Newton Lumber Co., Newton, Kans.
Newton Lumber & Investment Co., Pueblo, Colo.
Newton Lumber & Mfg. Co., Colo. Springs, Colo.

Newton Machine Tool Works, Inc., 23rd & Vine, Philadelphia, Pa.
Newton Mfg. Co., screw machine products, Plainville, Conn. *See adv index at end of book.*
Newton Milling & Elevator Co., Newton, Kans.
Newton Oil Mill, fertilizer mfrs., Newton, Miss.
Newton Packing Co., meat, 1041 14th av, Detroit, Mich.
Newton Paper Co., Holyoke, Mass.
Newton Roller Mills, Newton, N. C.
Newton Steel Co., Youngstown, O.
Newton, Theo., & Co., contractors, Hartford, Conn.
Newton, Thos. S., mason, Hartford, Conn.
Newton & Thompson Mfg. Co., locked cornered boxes & wood turning, 200 5th av, New York
Newton, W. A., & Co., contractors, Springfield, Mass.
Newton, W. H., & Son, carriage bodies, forgings, trunks, etc., Cortland, N. Y.
Newton, Weller, Wagner Co., whol. hdwe., San Antonio, Tex.
Newton & Hill, mill & facty. supplies, Fort Edward, N. Y.
Newton's Cal. Fireworks Co., 249 Front, San Francisco, Cal.
Newtonsville Canning Co., Newtonsville, Ohio.
Ney, Albert, contractor, Dubuque, Ia.
Ney, J. M., Co., gold & silver alloys & solder, Hartford, Conn.
Ney Mfg. Co., agricultural implements, Canton, Ohio.
Ney, V. L., Hay Tool Co., Canton, Ohio.
Niagara Alkali Co., nitric acid, chlorine, potash, etc., Niagara Falls, N. Y.
Niagara Auto Radiator Co., auto metal bodies, 151 W. 68th, New York.
Niagara Box Co., 820 S. Division, Buffalo, N. Y.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Niagara Cotton Batting Co., Lockport, N. Y.
Niagara Cut Glass Co., Buffalo, N. Y.
Niagara Electro Chemical Co., Niagara Falls, N. Y.
Niagara Emery Mills, Inc., emery grains, 50 Broad, New York *See adv index at end of book*
Niagara Envelope Manufactory, Buffalo, N. Y.
Niagara Falls Builders' Supply Co., Niagara Falls, N. Y.
Niagara Falls Furnace Co., Niagara Falls, N. Y.
Niagara Falls Hair Cloth Wks., Niagara Falls, N. Y.
Niagara Falls Hardware & Supply Co., Niagara Falls, N. Y.
Niagara Falls Metal Stamping Wks., dog tags, chains, dies, signs, etc., Niagara Falls, N. Y.
Niagara Falls Milling Co., flour, Buffalo, N. Y.
Niagara Falls (Ont.) Gasket & Packing Co., packing mfrs., Church & Fulton, New York *See adv index at end of book*
Niagara File & Rasp Co., Lockport, N. Y.
Niagara Fire Extinguisher Co., 209 S. La Salle, Chicago, Ill.
Niagara Fdry. Co., Niagara Falls, N. Y.
Niagara Gypsum Co., wall plaster mfrs., Buffalo, N. Y.
Niagara Hydraulic Engine Co., Chester, Pa.
Niagara Insula-Bake Specialty Co., Inc., switches, elec. gds., machy., etc., Albany, N. Y.
Niagara Litho Co., signs, 1050 Niagara, Buffalo, N. Y.
Niagara Lubricator Co., oil pumps, Ellicott Sq, Buffalo, N. Y.
Niagara Machine & Tool Works, Buffalo, N. Y. *See adv index at end of book.*
Niagara Mfg. Co., battery holders, Holyoke, Mass.
Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Niagara Motors Corp., machsts., Ellicott Sq, Buffalo, N. Y.
Niagara Musical Instrument Co., North Tonawanda, N. Y.
Niagara Paper Mills, Lockport, N. Y.
Niagara Radiator & Boiler Co., machsts. & fndrs., North Tonawanda, N. Y.
Niagara Refrigerator Works, 20 Superior, Buffao, N. Y.
Niagara River Mfg. Co., paper & pulp mills, Niagara Falls, N. Y.
Niagara Screw Co., Buffalo, N. Y.
Niagara Searchlight Co., projectors, Niagara Falls, N. Y.
Niagara Silk Mills, knitted gloves, North Tonawanda, N. Y.
Niagara Smelting Corp., caustic soda, Niagara Falls, N. Y.
Niagara Sprayer Co., machsts., Middleport, N. Y.
Niagara Textile Co., huck towels, Lockport, N. Y.
Niagara Thread Co., Ontario & Janney, Philadelphia, Pa.
Nial Bros. Constr. Co., Troy, N. Y.
Niantic Menhaden Oil & Guano Co., fertilizer mfrs., South Lyme, Conn.
Niasco Chem. Co., arsenic, cobalt, oxide & glauber salts, New Market, N. J.
Nibley Mimnaugh Lbr. Co., Wallowa, Ore.
Niblock, F. C., masons' & bldrs' matls., Concord, N. C.
Nice Ball Bearing Co., 30 & Nicetown, Philadelphia, Pa.
Nice, Eugene E., mfr. of paints, varnishes, stains & enamels, 272 S. 2nd, Phila., Pa.
Nicetown Plate Washer Co., iron discs, 1824 Juniata, Nictown, Philadelphia, Pa.
Nichol-Straight Fdry. Co., 319 W. Austin av, Chicago, Ill.
Nichol, Thos. J., & Co., steam fitters' supplies, Pearl & Ludlow, Cincinnati, Ohio
Nicholas, Frank J., contractor, Sullivan, Ind.
Nicholas H. R. & Co., contrs., Terre Haute, Ind.
Nicholas, L. V., Oil Co., Omaha, Neb.
Nicholas Power Co., moving picture machines, 90 Gold, New York.
Nicholas & Stephenson, machsts. & fdrs., 208 Summer, Boston, Mass.
Nicholls Mfg. Co., machsts. & fndrs.—carpenters' squares, Ottumwa, Iowa.
Nicholls, Wm. H. Co., molding machines, 2 College pl. Brooklyn, N. Y. *See adv. index at end of book.*
Nicholls, Wm. R., contractor chsn., Boston, Mass.
Nichols, A. W., wood handles, Alba, Mich.
Nichols, Arthur R., landscape architect, Palace Bldg., Minneapolis, Minn.
Nichols Bros., knives, cleavers & steel mfrs., Greenfield, Mass.
Nichols Bros. lbr., Norfolk, Va.
Nichols Chisholm, lbr., Minneapolis, Minn.
Nichols Contracting Co., Atlanta, Ga.
Nichols Copper Co., refiners & smelters, 25 Broad, New York.
Nichols & Cox Lbr. Co., Grand Rapids, Mich.
Nichols, D. M., Iron Wks., mchsts. & fndrs., 2 Gouvernor pl, New York.
Nichols, Dean & Gregg, whol. hdwe., 8th & Sibley, St. Paul, Minn.
Nichols, Dennis, architect, Vancouver, Wash
Nichols, E. M., steam traps, etc., 212 W Washington sq., Phila., Pa.
Nichols, Edward, architect, 70 Kilby, Boston, Mass.
Nichols Gas Fixture Mfg. Co., 1100 Myrtle av, Bklyn, N. Y.
Nichols, Geo., architect, 34 Lynwood pl, New Haven, Conn.
Nichols, Geo. P., & Bro., turntable tractors & transfer tables, 2139 Fulton, Chicago, Ill. *See adv index at end of book*
Nichols, H. D., contractor, 1381 Stevenson, San Francisco, Cal.
Nichols, J. B., & Son, fertilizer mfrs., 9 E. Camden, Baltimore, Md.
Nichols, J. M., brick, common, Dyersburg, Tenn.
Nichols, J. M., & Co., contractors, Tacoma, Wash.
Nichols, J. S., brick, Columbus, Neb.
Nichols, J. W., lbr., Coffeeville, Ala.
Nichols, John Lincoln, architect, Bloomington, Ind.
Nichols & Lindeman, contractors, Norfolk, Va.
Nichols Lintern Co., signals & resistance units, 8404 Lorain av, Cleveland, Ohio.
Nichols, Martin S., contractor, Atlantic City, N. J.
Nichols, N. J., Co., leather boards, South Coventry, Conn.
Nichols Read Co., masons' & bldrs.' matls., Bath, Me.
Nichols & Shepard Co., agricultural implements, Battle Creek, Mich.
Nichols & Stone Co., combination step ladder chairs, Gardner, Mass.
Nichols, W. E., Sons Co., knives, cleavers & steels, 52 Mill, Greenfield, Mass.
Nichols, W. H., watchmakers' machy., typewriter parts, etc., Waltham, Mass.
Nichols Wire Co., 21st. & Baltimore, Kansas City, Mo.
Nichols & Wright Motor Co., elec. light plants, 28 Parkridge av, Buffalo, N. Y.
Nicholson, A. L., architect, Perry Bldg., Phila., Pa.
Nicholson, Aaron, machsts., Albany, N. Y.
Nicholson Brick Co., Steubenville, Ohio.
Nicholson Bros., brick, Dutchess Junction, N. Y.
Nicholson & Co., crane chains, Rankin, Pa.
Nicholson File Co., steel file & rasp mfrs., 23 Acorn, Providence, R. I. *See adv. index ata end of book.*
Nicholson, G. G., brick, What Cheer, La.
Nicholson & Galloway, cornices & skylights, 646 Hudson, New York.
Nicholson, John G., sash, door & blind, New Bedford, Mass.
Nicholson, Jos. T., architect, 7514 Chappel av, Chicago, Ill.
Nicholson, Jos., & Son, contractors, 101 Tremont, Boston, Mass.
Nicholson, K., Furn. Co., furn., Dept. H, Chase City, Va.
Nicholson-Kendle Furn. Co., furn., Dept. H, Huntington, W. Va.
Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, Ohio.
Nicholson, Wm. A., architect, 6437 Harvard av, Chicago, Ill.
Nicholson, W. H., & Co., compression couplings, exp. mandrels, steam traps, etc., Wilkes-Barre, Pa.
Nichthauser & Levy, tinware mfrs., 252 Java, Bklyn, N. Y.
Nickel, Adolph, Mfg. Co., buffing wheels, 715 Sycamore, Cincinnati, Ohio.
Nickel, F. J. & Son, machsts., Holt, Mich.
Nickel Hardware & Supply Co., Wausau, Wis
Nickel, J. H., contractor, Exchange Bank Bldg., St. Paul, Minn.
Nickel-Lyneis Construction Co., Fond du Lac, Wis.
Nickel Plate Foundry Co., machinists & fdrs., Woodworth & Cort rd, Cleveland, Ohio
Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
Nickelsburg Bros. Co., harness leather, Meadow, Newark, N. J.
Nickerson, Levi, Co., oiled clothing, Gloucester, Mass.
Nickerson Mfg. Co., porch & interior columns, Knoxville, Tenn.
Nickerson, Wallace F., granite producers, Lanesville, Mass.
Nickey, F. P., Hardware Co., cornices & skylights, Santa Ana, Cal.
Nicklas, Wm. H., architect, 1900 Euclid av, Cleveland, O.
Nickless, W. H., lbr. mfrs., Bay City, Mich.
Nico Varnish Co., Chelsea, Mass.
Nicol, Chas. W., architect, Lafayette, Ind.
Nicol & Co., hdwe. mfrs. specialties, 218 N. Jefferson, Chicago, Ill.
Nicol, J. M. & J. S., color mfrs. & importrs, Hawthorne, N. J.
Nicola, Andrew, & Co., contrs., 50 Church, New York.
Nicola Building Co., Lambert & Penn av, Pittsburgh, Pa.
Nicola Lumber Co., Farmers' Bank Bldg., Pittsburgh, Pa
Nicola, Stone & Myers Co., lumber, Swetland Bldg., Cleveland, O
Nicolai-Neppach Co., sashes, doors & blinds, Portland, Ore.
Nicollet Sash & Door Co., 2900 Nicollet av, Minneapolis, Minn.
Nicoll's Granite Wks., S. Quincy, Quincy, Mass.
Nicotine Mfg. Co., insecticides, 117 N. Main, St. Louis, Mo.
Nicoud Mfg. Co., screw mach. products, 6 W. Ill., Chicago, Ill.
Niebling, F. W., Co., ice & refrigerating machs., W. 6th & Maymiller, Cincinnati, Ohio
Niederer, J., Co., bank & office railings, Los Angeles, Cal.
Niederhaus, Fred., fertilizer, Staser, Ind
Niederhut Carriage Co., Denver, Colo
Niedermeier, Henry, contractor, Youngstown, O.
Niedner's, Chas., Sons Co., hose, Malden, Mass.
Niedringhaus, Chas., House Furnishing Co., mattresses, 1003 Franklin av, St. Louis, Mo.
Niehaus, E. F., & Co., lumber, 564 Brannan, San Francisco, Cal.
Niehaus, Jos., Co., chamois importers, 341 W. 4th, Cincinnati, O.
Niehoff, Paul G., & Co., platinum, 232 E. O, Chicago, Ill.
Nielsen, C. A., Coal Co., masons' & bldrs.' matls., Sandusky, O.
Nielsen, Elker R., architect, 305 N. Augusta, Chicago, Ill.
Nielsen, S. N., & Co., contractors, 3059 Augusta, Chicago, Ill.
Nielsen & Wilson Tool Co., for metal stamping, Hartford, Conn.
Nielson, Anton E., machsts. & fndrs., 78 Barclay, New York.
Nielson-Barton Chuck Co., "Eclipse" drill chucks, 106 S. Jefferson, Chicago, Ill. *See adv. index at end of book.*
Niemann Bros., poultry coops, Mt. Olive, Ill.
Niemann, Emil W., architect, 3816 Shaw av, St. Louis, Mo.
Niemann & Huronymus, agrl. implts., Mount Olive, Ill.
Niemann Table Co., 77th & Cottage Grove av, Chicago, Ill.
Niemes, Hy., heating contr., 4112 Hamilton av, Cincinnati, Ohio.
Niemeyer, W. H., & Co., patterns, Bush & Severn, Baltimore, Md.
Niemz, Arthur A., architect, 847 Bradley pl, Chicago, Ill.
Niemz, Arthur R., contractor, 847 Bradley pl, Chicago, Ill.
Niessen Bros. & Co., cabinet hdwe. mfrs., 3153 Army, San Francisco, Cal.
Niewenhous, S., Inc., contractor, 412 8th av, New York.
Niggel's, J., Son, masons' & bldrs.' matls., Butler, Pa.
Nigh Lumber Co., Ironton, Ohio.
Nigh, S. H., & Bro., lumber, Catlettsburg, Ky.
Night Commander Lighting Co., gas machines (acetylene), Jackson, Mich.
Nightingale & Childs Co., mill & facty. supplies, 205 Congress, Boston, Mass.

Nightingale Co., garbage disposal plants, etc., 103 Park av, New York.
Nightingale, J. E., machsts., Danvers, Mass
Nightingale-Morse Mills, cotton sheetings, Putnam, Conn.
Nikolas, G. J., & Co., lacquer & varnish mfrs., 1227 W. Van Buren, Chicago, Ill.
Niksah Snow Guard Co., sliding bed casters & wire guards, 5 Mt. Pleasant, Worcester, Mass.
Nikulas, Herman, soap, Republic, Mich.
Niland, J. J., Co., cut glassware, Meriden, Conn.
Niles-Bement-Pond Co., machinery manfrs., 111 Broadway, New York.
Niles-Bemont-Pond Co. of Mass., mill & factory supplies, 930 Oliver, Boston, Mass.
Niles Board & Paper Co., Niles, Mich.
Niles Corrugating Co., iron mfrs., Niles, Ohio.
Niles, F. H., & Co., Inc., machy. dlrs., 233 B'way, New York.
Niles Fire Brick Co., Niles, Ohio.
Niles Forge & Mfg. Co., forgings, steel plate & structural wk., etc., Niles, Ohio.
Niles Iron & Steel Roofing Co., Niles, Ohio.
Niles Mine & Mill Supply Co., cars, scrapers, wagons, etc., Cleveland, Ohio.
Niles Mine & Mill Supply Co., mchsts. & fndrs., Niles, Ohio.
Niles Mine & Supply Co., incline drums, wheels, etc., Citizens Bldg., Cleveland, Ohio.
Niles Sand Gravel & Rock Co., 704 Market, San Francisco, Cal.
Niles Steel Tank Co., Niles, Mich.
Niles & Scott Co., machsts., La Porte, Ind.
Niles Tool Works Co., Hamilton, Ohio.
Nill, Thos. A., cornices & skylights, Monroeville, Ind.
Niloak Pottery, Benton, Ark.
Nilson, A. H., Machine Co., corset, wire forming & stationary machinery, etc., Bridgeport, Conn.
Nilson Bros., htg. contrs., 3222 N. Halsted, Chicago, Ill.
Nilson & Kelez Shipbldg. Corp., Seattle, Wash.
Nilson-Miller Co., 1300-1306 Hudson, Hoboken, N. J.
Nilson, Olaf, contractor, 1966 4th, E., Salt Lake City, Utah.
Nilson & Smith Co., contractors, Great Falls, Mont.
Nilson Tractor Co., 1902 Riverside av, Minneapolis, Minn.
Nimmo Fence & Wire Wks. Co., Dana av & C. L. & N. R. R., Evan, Cincinnati,, Ohio.
Nimmo, Geo., contractor, 634 Clay, San Francisco, Cal.
Nimmons, Geo. C., architect, 122 S. Michigan av, Chicago, Ill.
Nimmons & Nimmons, masons' & bldrs.' matls., Plymouth, O.
Nims Mfg. Co., cords, Mt. Holly, N. C.
Nine Lbr. Co., Klamath, Ore.
Nineteen Hundred Washer Co., clothes washing machs., Binghamton, N. Y.
Ninety-Six Cotton Mill, cotton sheetings, Ninety-Six, S. C.
Nippell, Max, architect, Fort Dodge, Ia.
Nippon Lumber Co., Alpine, Wash.
Nirdinger, Max, architect, Fidelity Bldg., Pittsburgh, Pa.
Nisbet, architects, Macon, Ga.
Nisen, Michael, & Sons, common brick, Union Grove, Wis.
Nisqually Shingle Co., Alder, Wash.
Nissen, Geo. E., & Co., barrows, Winston-Salem, N. C.
Niswander, G. W., & Co., masons' & bldrs.' matls.—who. hdwe., Parkersburg, W. Va.
Nitchie, John E., architect, 61 Park row, New York.
Nitram Mfg. Co., broom twine, 47H Long, East Orange, N. J.
Nitrate Agencies Co., potash, kainit, etc., 102 Pearl, New York.
Nitro Powder Co., Kingston, N. Y.
Nitrogen Elec. Co., 36 Spring, Newark, N. J.
Nitrogenous Chemical Corp., West End Trust Bldg., Philadelphia, Pa.
Nitsche, Edward A., architect, 64 E Van Buren, Chicago, Ill.
Nittinger, Aug., Sr., butchers' knives, 826 N. 4th, Philadelphia, Pa.
Nittinger, S., pianos, 1204 N. 5th, Philadelphia, Pa.
Nitz & Darkow, machinists & founders, Akron, O.
Niver Iron Works Co., Muscatine, Ia.
Nivin Mfg. Co. See Crescent Washing Machine Co. (successors)
Nivision-Weiskopf Co., corr. paper, glass bottles, etc., 318 Elm, Cincinnati, Ohio.
Nixa Canning Co., Nixa, Mo.
Nixdorff-Krein Mfg. Co., hdwe. mfrs., 900 Howard, St. Louis, Mo.
Nixon & Costello Co., corr. bottle wrappers, Dayton, Ohio.
Nixon & Glascoff, machsts. & fndrs., Albion, Mich.
Nixon Hardware Co., Rome, Ga.
Nixon, Martin & Wm. H., Paper Co. See Dill & Collins Co. (successors)
Nixon Mining Drill Co., Chattanooga, Tenn.
Nixon Nitration Works, powder, etc., New Brunswick, N. J.
Nixon, O. K., lbr., Paden, Miss.
Nixon-Smith Construction Co., Montgomery, Ala.
N. & M. Lbr. Co., Rochester, Wash.
No-Dust Drying Machine Co., metal drying and polishing machines, & mechanical dust collectors, mfrs., 157 Dorrance, Providence, R. I.
Nobach, W. J., Pattern Works, 411-413 S. Clinton, Chicago, Ill.
Nobbe, Fred, architect, 142 Market, Newark, N. J.
Nobbe, Kaphan, Co., bags & suit cases, 301 Market, Newark, N. J
Noble, A., canned goods, Preston, Md.
Noble Brick Co., Glenwood, Ohio.
Noble, Chas. H., corn brooms, Thompsonville, Conn.
Noble, Chas. W., steel struct. work, La Crosse, Wis.
Noble & Cooley Co., nov. toys & games, Granville, Mass.
Noble County Canning Co., Lisbon, Ind.
Noble, E. L., lumber, Mesopotamia, Ohio.
Noble, E. M., & Co., cornices, 108 S. Desplaines, Chicago, Ill.
Noble Electric Steel Co., Mills bldg, San Francisco, Cal.
Noble, F. H., & Co., advertising novelties, 555 W. 59th, Chicago, Ill.
Noble, H., Co., plastic slate roofers, Caroline & Aliceanna, Baltimore, Md.
Noble, H. H., masons' & bldrs.' matls., Gouverneur, N. Y.
Noble, Hy. A., Co., patterns & models, sewage disposal outfits, 203 Dock, Philadelphia, Pa.
Noble & Hunt, machsts., 359 Mulberry, Newark, N. J.
Noble Machine Co., Ft. Wayne, Ind.
Noble Motor Truck Co., Kendallville, Ind.
Noble, R. E., & Co., inspecting engrs., 785 Market, San Francisco, Cal.
Noble, R. F., & Co., canned goods, Cannon, Del.
Noble, Sidney A., contractor, Rockville, Ind.
Noble & Westerbrook Mfg. Co., marking, grinding & polishing machine mfrs., 19 Asylum, Hartford, Conn.
Noble, Wm. K., cooperage stock, Ft. Wayne, Ind.
Noble & Wood Mach. Co., mchsts. & fndrs., Hoosick Falls, N. Y.
Nobles, R. E., & Son, lumber, Pensacola, Fla.
Noblit Bros. & Co., wholesale hardware, 222 S. 2d, Phila., Pa.
Nobs, Chas., & Son, screw mach. products, 156 Astor, Newark, N. J.
Noceti, Louis, contractor, Winthrop, Mass.
Nock, F. S., naval architect & machst., East Greenwich, R. I.
Nock & Garside Elevator Co., Denver, Colo.
Nock, Geo. W., Co., hdwe. mfrs., 126 N. 4th, Philadelphia, Pa.
Noe, C., ale & beer pumps, 492 E. 167th, New York.
Noe, G. D., Harness Co., Minneapolis, Minn.
Noe, Nicholas, contractor, Lombard Bldg., Indianapolis, Ind.
Noe, Wm. L., Co., archi. iron, 2nd & Oxford, Phila., Pa.
Noe, Wm. R., & Sons, portables, 53 W. 21st, New York.
Noecker & Ake Shipbuilding Co., Camden, N. J.
Noel, Auguste L., architect, 52 Vanderbilt av, New York
Noel, R. E., stone producer, Hinton, W. Va.
Noell, J. A., canned goods, Bedford, Va.
Noera Mfg. Co., hdwe. mfrs., oilers, pumps, etc., Waterbury, Conn.
Noerenberg & Johnson, architects, 1060 S. Broadway, Los Angeles, Cal.
Noesting Pin Ticket Co., Mount Vernon, N. Y.
Nofftz, R. T., contractor, Champaign, Ill.
No-Filler Fertz. Co., Orangeburg, S. C.
Nofsinger, M. P., canned goods, Fincastle, Va.
Nohsey & Schwab, cornices & skylights, Memphis, Tenn.
Noiseless Typewriter Co., Middletown, Conn.
Nokomis Coal Co., Old Colony Bldg., Chicago, Ill.
Nolan Bros., contractors, Chester & Reading, Pa., & Johnstown, N. Y.
Nolan, E. A., architect, Miami, Fla.
Nolan, Jas. H., Sons Co., stone producers, Bloomington, Ind.
Nolan, John F., architect, 47 W. 236th, New York.
Nolan & Johnson, contractors, Crawfordsville, Ind.
Nolan, Thomas, architect, University of Penn., Phila., Pa.
Nolan, Thos., mason, Southington, Conn.
Nolan, Thos. J., architect, Courier-Journal Bldg., Louisville, Ky.
Nolan & Torre, architects, Hennen Bldg., New Orleans, La.
Noland, Wm. C., architects, 5 N 9th, Richmond, Va.
Nolan, Wm., Co., machinists, Lockport, N. Y.
Nolan & Bien, vehicle washers, 53 Cambridge, Boston, Mass.
Nolanad, Wm. C., architect, Beaver Dam, Va.
Nold, C. H., Lumber Co., St. Joseph, Mo.
No-Leak-O Piston Ring Co., 824 W. North av, Baltimore, Md.
No Leak Paper Dish Co., Wheeling, W. Va.
Nolen, John, landscape architect, Cambridge, Mass.
Nolin Milling Co., flour, Nolin, Ky.
Noll Bros., agrl. machy. & hdwe., 849 Allis, Milwaukee, Wis.
Noll Bros., bowls, lawn swings, Bausman, Pa.
Noll Constr. Co., Chattanooga, Tenn.
Noll, E. P., & Co., maps, 21 N. 7th, Philadelphia, Pa.
Noll, Geo. H., clothes line fasteners, 27 Crescent, Brooklyn, N. Y.
Noll, J. F., & Co., fertilizer mfrs., 115 Mulberry, Newark, N. J.
Nolte, Adolph, car wheel presses, Rochester, N. Y.
Nolte Brass Co., founders, Springfield, Ohio.
Nolte, Edw. F. & Fred R., architects, Fullerton Bldg., St. Louis, Mo.
Nolte Screw Mach. Products Co., 1536 Freeman av, Cincinnati, Ohio
Nolte & Nauman, architects, Fullerton Bldg., St. Louis, Mo.
Nolting, Wm. C., architect, Keyser Bldg., Baltimore, Md.
Nolty, Hy., Jr., carriages, Lancaster, Pa.
Nolu Oilless Bearing Co., shaft bearing, 6 E. Johnson, Germantown, Philadelphia, Pa.
No-Mar Mfg. Co., cloth mops, Cleveland, Ohio.
Nominy Grove Canning Co., Nominy Grove, Va.
Non-Explosive Can Co., 127 S. Green, Chicago, Ill.
Non-Metallic Oilless Bearing Co. of Mass., Newtonville, Mass.
Non Shine Pad Co., 105 N Marshall, Phila., Pa.
Non-Smut Carbon Mfg. Co., Rochester, N. Y.
Nona-Fletcher Lbr. Co., Fletcher, Tenn.
Nona Mills Co., Ltd., lumber, Beaumont, Tex.
Nonantum Coal Co., masons' & bldrs.' matls., Newtonville, Mass.
Nonotuck Silk Co., Florence, Mass.
Nonpareil Mfg. Co., auto. truck trailers, Cochranton, Pa.
Nonpareil Skylight Co., skylights puttyless, 2611 Penna. av, N. W., Washington, D. C.
Nonpareil Toy & Novelty Co., Inc., 64 Union, Newark, N. J.
Noon Bag Co., tents, Portland, Ore.
Noon, E., & Son, bathing suit mfrs., 4019 Gtn. av, Phila., Pa.
Noonan, A. S., Tool & Mach. Wks., Rome, N. Y.
Noonan, Fred B., architect, 3 E 44th, New York
Noonan, James H., contr., La Salle, Ill.
Noonan, Michael, mason bldr., Bridgeport, Conn.
Noone's, Jos., Sons Co., blankets, printers' & lithographers', Peterboro, N. H.
Noonan, Will N., architect, Moore bldg, San Antonio, Tex.
Nooter, Jno., Boiler Wks. Co., 1400 S. 2d, St. Louis, Mo.
Nopack Brass Mfg. Co., compression & basin cocks, Du Bois, Pa.
Norbeck & Nicholson Co., machsts. & fndrs., Redfield, S. D.
Norbom Engng. Co., machsts., Denckla Bldg., Philadelphia, Pa.
Norby & With, cornices & skylights, Port Townsend, Wash.
Norcross, C. S., & Sons, agrl. implts., Bushnell, Ill.
Norcross, F. A., architect, 46 Cornhill, Boston, Mass.
Norcross, J. J., contractor, Burlington, N. J.
Norcross Marble Co., Harvard & Jenning rd, Cleveland, Ohio.
Norcross, W. C., Co., masons' & bldrs.' matls., 486 Albany, Boston, Mass.
Norberg, E. L., architect, 742 Market, San Francisco, Cal.
Nordberg Mfg. Co., hoisting engines, Chicago & Oklahoma, Milwaukee, Wis.
Nord-Buffum Pearl Button Co., Louisiana, Mo.
Nordeen Scale Co., Everett, Wash.
Nordeen Fdry. Co., gray iron castings, fittings, inlets, posts, etc., Everett, Wash.
Norden, A., & Co., importers of antimony & oils, Cotton Exch. Bldg., New York.
Norden, Andrew B., architect, Napanoch, N. Y.
Norden Elec. Sign Co., elec. carriage calls, 311 W. 40th, New York.
Norden, J., cornices, Mount Vernon, N. Y.
Norden, S., & Co., mfrs., shoe lace tips & metal specialties, 150 S. Water, Providence, R. I. *See adv. index at end of book.*
Nordham, George, architect, 18 W 34th, New York

Nordheim, Henry, architect, 36 8th av, New York
Nordin, August, architect, Mills Bldg., San Francisco, Cal.
Nording, F. George, contractor, 1403 Boston av, Bridgeport, Conn.
Nordone, Frank, contractor, Mount Vernon, N. Y.
Nordquist & Nelson, sash, door & blind, Seattle, Wash.
Nordstrom, C. F., contr., Rockford, Ill.
Nordyke & Marmon Co., flour & cereal mill machy., Kentucky av & Norris, Indianapolis, Ind.
Norfolk Glass Mfg. Corp., bottles & jars, Norfolk, Va.
Nore, J. A., architect, Dunmore, W. Va.
Norfleet Hardware Co., Winston-Salem, N. C.
Norfolk Cereal & Flour Mills, Norfolk, Neb.
Norfolk Creosoting Co., underground conduits, Norfolk, Va.
Norfolk Dredging Co., 217 Water, Norfolk, Va.
Norfolk Granite Co., Quincy, Mass.
Norfolk Hardening Works, Inc., case hardening, 30 Federal, Boston, Mass.
Norfolk Hdwe. Co. See Price-Reynolds Hdwe. Co. (successors)
Norfolk Iron Co., Quincy, Mass.
Norfolk Iron & Wire Works, iron works, Norfolk, Va.
Norfolk Mfg. Co., steel clamps, Norfolk, Conn.
Norfolk Mattress Co., mattress mfrs., Norfolk, Va.
Norfolk Packing Co., Norfolk, Neb.
Norfolk Varnish Co., Norfolk Downs, Mass.
Norfolk Veneer Co., packing box mfrs., Norfolk, Va.
Norgaard, C. C., contractor, Council Bluffs, Ia.
Norlander, Fred Co., contractor, merchants, Nat. Bk. Bldg., St. Paul, Minn.
Norma (The) Co. of America, steel balls & bearings, Anable av, Long Island City, N. Y. *See adv index at end of book*
Normalair Co., tex. machy., air moistening apparatus, Winston-Salem, N. C.
Norman, Andrew E., architect, 1526 Devon av, Chicago, Ill.
Norman Bros., turpentine, Norman Park, Ga.
Norman Buggy Co., Griffin, Ga.
Norman, C. Erwin, & Co., tank brackets, beam & pipe clamps, etc., 18H W Kinzie, Chicago, Ill.
Norman, Felix, lbr., Patterson, La.
Norman, M. D. & J. T., turpentine, Norman Park, Ga.
Norman, M. R., lbr., Fort Deposit, Ala.
Norman Milling & Grain Co., flour, Norman, Okla.
Norman, N., contractor, Mohawk Bldg., Spokane, Wash.
Norman Picker Co., machsts., Nanticoke, Pa. (tr.)
Norman, R. L., turpentine, Norman Park, Ga.
Norman Section, Inc., metal clad doors & cornices, Winfield, Long Island City, N. Y.
Norman, U. G., contractor, Champaign, Ill.
Norman, W. F., Sheet Metal Mfg. Co., wall ties, Nevada, Mo.
Norman, Wm., Co., hosiery, 1832 Ogden av, Chicago, Ill.
Normile, Simon, contractor, Seattle, Wash.
Norquist, A. C., Co., furn., Dept. H, Jamestown, N. Y.
Norrie Brass Fdry., 836 W. Fort, Detroit, Mich.
Norris Bros., oil & gas well supplies, etc., Robinson, Ill.
Norris Bros., textile machy., supplies, Greenville, S. C.
Norris Cotton Mills Co., cotton sheetings, Cateechee, S. C.
Norris, D. M., & Son, mill & facty. supplies, Kankakee, Ill.
Norris Elec. Spec. Co., wire pullers, cable grips, etc., 126 Liberty, New York.
Norris, J. F., masons' & bldrs'. matls., Warrenton, Ga.
Norris, J. T., canned goods, Van Bibber, Md.
Norris, L. A., Co., masons' matls., 140 Townsend, San Francisco, Cal.
Norris Noiseless Pedal Action Co., Stoughton, Mass.
Norris, R. H., Hardware Co., Childress, Tex.
Norris, R. W., & Sons, whol. hdwe., 342 N. Gay, Baltimore, Md.
Norris, Robert O., flour mills, Lively, Va.
Norris Safe & Lock Co., fire & burglar proof, Seattle, Wash.
Norris, W. C., oil well pumping supplies, Tulsa, Okla.
Norris, W. H., Lbr. Co., Houston, Tex.
Norris, Wm. H., & Sons, soap, Chelsea, Mass.
Norristown Brick Co., Norristown, Pa.
Norristown Iron & Steel Co., scrap iron, Norristown, Pa.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Norristown Varnish Co. (Ltd.), Norristown, Pa.
Norse Pottery Co., Rockford, Ill.
North American Accident Insurance Co., 209 S. La Salle, Chicago, Ill.
North American Chemical Co., potash, salt mfrs., etc., Bay City, Mich.
North American Chemical & Engineering Co., 23 Old Slip, New York.
North American Construction Co., Bay City, Mich.
North American Copper Co., rds. sheets tubing, lead, wire alloys, etc., 52 Vanderbilt av, New York.
North American Handle Co., hickory handles, Fort Hill sq., Boston, Mass.
North American Knitting Mills, sweaters, cardigans, etc., 740 Flushing av, Brooklyn, N. Y.
North American Mfg. Co., torches, 590 Carnegie av, Cleveland, Ohio
North American Mercantile Co., rice mill, 330 Front, San Francisco, Cal.
North American Motors Co., automobile engines, Pottstown, Pa.
North American Railway Construction Co., 53 W. Jackson blvd., Chicago, Ill.
North American Slide Co., 122 N. 13th, Philadelphia, Pa.
North American Smelting Co., 9th & Thompson, Phila., Pa.
North American Tuna Canning Co., Terminal, Cal.
North American Watch Co., Mansfield, Ohio.
North Augusta Warehouse & Fertilizer Co., North Augusta, S. C.
North Baltimore Bottle Glass Co., Terre Haute, Ind.
North Barre Granite Co., Barre, Vt.
North Bend Fire Brick Co., Gleasonton, Pa.
North Bend Iron Wks., North Bend, Ore.
North Bend Lbr. Co., Edgewick, Wash.
North Bend Mill & Lbr. Co., North Bend, Ore.
North Berwick Co., woolen flannels, North Berwick, Me.
North Bradshaw Co., contractors, Jackson, Mich.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
North Branch Milling Co., flour, North Branch, Minn.
North Bridge Brush Co., sanitary brushes, all kinds, Freeport, Ill.
North Bros. Mfg. Co., hardware specialties & tools, Lehigh & American, Phila., Pa.
North Buffalo Hdwe. Fndry. Co., 743 Hertel av, Buffalo, N. Y.
North Carolina Granite Corp., Mount Airy, N. C.
North Carolina Mica Co., 80 North, Boston, Mass.
N. C. Naval Stores Co., pine pitch, tar, turpentine, etc., Wilmington, N. C.
North Carolina Ship Bldg. Co., Moorehead City, N. C.
North Carolina Talc & Mining Co., crayons, Hewitts, N. C.
North Carolina Wheel Co., High Point, N. C.
N. C. & St. L. Ry, machsts. & fndrs., Nashville, Tenn.
North Chelmsford Machine & Supply Co., mill & facty. supplies, North Chelmsford, Mass.
North Chicago Brass Wks., North Chicago, Ill.
North Chicago Machine Co., North Chicago, Ill.
North Chicago Roofing Co., felts, 851 W. North av, Chicago, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
North Coast Lumber Co., 1040 Lbr. Exch., Minneapolis, Minn.
North Dakota Harness Co., Fargo, N. D.
North Dakota Metal Culvert Co., Fargo, N. D.
North Dighton Co-operative Stove Co., North Dighton, Mass.
North East Coal Co., Commercial Tr. Bldg., Phila., Pa.
North East Electric Co., automobile accessories, Rochester, N. Y.
North East Fire Brick Co., North East, Md.
North Eastern Constr. Co., 101H Park av, New York
North Eastern General Supply Co., masons' & bldrs.' matls., 1001 N. Patterson Pk. av, Baltimore, Md.
North Elec. Co., dry batteries, Am. Trust Bldg., Cleveland, Ohio.
North Elec. Mfg. Co., telephone switchboards, Galion, Ohio.
North End Fndry. Co., 60th av & Ry. Tracks, Milwaukee, Wis.
North End Foundry Co., machsts. & fndrs., West Allis, Wis.
North End Lbr. Co., Tacoma, Wash.
North End Paper Co., Fulton, N. Y.
North Fork Lbr. Co., Boyer, W. Va.
North, Frazier, & Co., lumber mfrs., Portland, Ind.
North Indiana Brick Co., Michigan City, Ind.
North Indianapolis Cradle Works, Indianapolis, Ind.
North Iowa Brick & Tile Co., Mason City, Ia.
North Jersey Building Co., 207 Market, Newark, N. J.
North Jersey Paint Co., Stewartsville, N. J.
North Jersey Quarry Co., Morristown, N. J.
North, Jos. W. & Sons, polishing cloths, Elizabeth, N. J.
North & Judd Mfg. Co., harness, automobile, baggage strap, razor strop & dog collar hardware mfrs., New Britain, Conn.
North Kensington Refinery, brewers' sugar, 214 E. 22nd, New York.
North Lebanon Foundry Co., Lebanon, Pa.
North Liberty Lumber & Coal Co., masons & bldrs.' matls., North Liberty, Ind.
North Louisiana Shingle Co., Ltd., Monroe, La.
North Lubec Mfg. & Canning Co., North Lubec, Me.
North Machine Co., 324 Main, San Francisco, Cal.
North Manchester Fdry. Co., North Manchester, Ind.
North, O. B, & Co., machsts. & fndrs., New Haven, Conn.
North Ogden Canning Co., North Ogden, Utah.
North Pacific Lumber Co., Portland, Ore.
North Pacific Trading & Packing Co., Hobart Bldg., San Francisco, Cal.
North Packing & Provision Co., Somerville, Mass.
North Palix Shingle Co., S. Bend, Wash.
North Penn Washer Co., Drexel Bldg., Philadelphia, Pa.
North & Pfeiffer Mfg. Co., hdwe. mfrs., Hartford, Conn.
North Phila. Brick Works, Rising Sun & Luzerne, Phila., Pa.
North, Shelgren & Swift, architects, Niagara Life Bldg., Buffalo, N. Y.
North Shore Bldg. Material Co., sash, door & blind mfrs., 1237 Belmont av, Chicago, Ill.
North Shore Stone Co., contrs., Evanston, Ill.
North Scituate Cotton Mills, crinoline, mosquito netting, N. Scituate, R. I.
North Shore Ferneries Co., conservatory, garden lawn & porch furniture mfrs., Beverly, Mass.
North Shore Improvement Co., contractors, 25 N. Dearborn, Chicago, Ill.
North Side Carriage Works, Milwaukee, Wis.
North Side Constr. Co., Bessemer Bldg., Pittsburgh, Pa.
North Side Foundry Co., Durham, N. C.
North Side Leather Belting Co., 248 Lorimer, Brooklyn, N. Y.
North Side Lumber Co., Sycamore, Ill.
North Side Packing Co., meat packers, 1448 Spring Garden av, Pittsburgh, Pa
North Side Sash & Door Co., 69 W. Wash., Chicago, Ill., & 2328 N. 2nd, Minneapolis, Minn.
North Side Tool Co. (The), designers & builders of tools, etc., 17-19 Maryland av, Dayton, O.
North Star Ash Can Co., ice, waste, etc., cans, 167 Chrystie, New York.
North Star Egg Case Co., Quincy, Ill.
North Star Fdry. Co., 32nd av & 27th, Minneapolis, Minn.
North Star Iron Works Co., machinists, Owatonna, Minn.
North Star Mfg. Co., canvas gloves, Tacoma, Wash.
North Star Shingle Co., Inc., Arlington, Wash.
North Star Spinning & Mfg. Co., castings, etc., St. Paul & Minneapolis, Minn.
North Star Woolen Mill Co., 228 S. 2d, Minneapolis, Minn.
North State Lbr. Co., Charleston, S. C.
North State Milling Co., flour, Greensboro, N. C.
North & Strong Lumber Co., sash, door & blind mfrs., Battle Creek, Mich.
North Tex. Foundry & Machine Co., Paris, Tex.
North Tonawanda Musical Instrument Works, organs (military band), N. Tonawanda, N. Y.
North Vernon Lumber Co., North Vernon, Ind.
North Wales Fdry. Co., North Wales, Pa.
North Wales Mach. Co., North Wales, Pa.
North Wayne Tool Co., Hallowell, Me.
North Wheeling Glass Bottle Co., Wheeling, W. Va.
North Wilkesboro Roller Mills, N. Wilkesboro, N. C.
North West Foundries, Inc., Rochester, N. Y.
North, Wm. F., architect, Glenolden, Pa.
Northampton Cutlery Co., Northampton, Mass.
Northcross, W. J., Mantel & Grate Co., 411H Madison av, Memphis, Tenn.
Northcutt Bros. Co., contractors, Covington, Ky.
Northeast Metal Culv. Co., Nashua, N. H.
Northeast Preserving Works, canned goods, Northeast, Pa.
Northeastern Co., The, preservative, wood, 80 Beverly, Boston, Mass.
Northeastern Iron & Metal Co., scrap iron & steel, Kenosha, Wis.
Northern Bag Co., bags & bagging, 101 3rd av S., Minneapolis, Minn.
Northern Bag & Plate Co., paper dishes, Carthage, N. Y.
Northern Blower Co., hoods, grinding, buffing & polishing wheel, Barberton & W. 65th, Cleveland, Ohio.

Northern Boiler & Struct. Iron Works, Appleton, Wis.
Northern Brass Mfg. Co., machsts. & fndrs., Waukegan, Ill.
Northern California Engineering Works, Redding, Cal.
Northern Casket Co., Fond Du Lac, Wis.
Northern Chemical Co., lubricating oils, Cleveland, Ohio.
Northern Clay Co., arch'l terra cotta, Auburn, Wash.
Northern Coast Timber Co., ties & posts, Tacoma, Wash.
Northern Construction Co., Elkhart, Ind. & Grand Forks, N. D.
Northern Dredge & Dock Co., Duluth, Minn.
Northern Engineering Works, cranes, derricks, elevators, hoists, etc., 210 Chene, Detroit, Mich.
Northern Engng. Works, rheostats, 120 Liberty, New York.
Northern Equipment Co., feed water regulators, 111 W. 11th, Erie, Pa.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn. *See adv. index at end of book.*
Northern Floor Surfacer Co., Green Bay, Wis.
Northern Foundry Co., Alpena, Mich.
Northfield Co., furniture, Dept. H, Sheboygan, Wis.
Northern Gravel Co., sand producers, Muscatine, Ia.
Northern Hardware Co., Duluth, Minn.; Petoskey, Mich., & Great Falls, Mont.
Northern Hardware & Supply Co., Menominee, Mich.
Northern Hemlock & Hardwood Mfrs'. Ass'n, Oshkosh, Wis.
Northern Illinois Cereal Co., foods, 1306 Belmont av, Chicago, Ill.
Northern Indiana Brass Fndry. Co., Elkhart, Ind.
Northern Industrial Chemical Co., moulded heatproof insulation, 11 Elkins, South Boston, Mass.
Northern Insulating Co., cold storage insulation, St. Paul, Minn.
Northern Iron & Steel Co., ores, Drexel Bldg., Philadelphia, Pa.
Northern Knitting Mills, sweaters, cardigans, etc., 59 W. 19th, New York.
Northern, L. B., flour mills, Hyacinth, Va.
Northern Lime & Stone Co., Petoskey, Mich.
Northern Linseed Oil Co., St. Anthony Park, Minneapolis, Minn.
Northern Lbr. Co., Cloquet, Minn.
Northern Lumber Mfg. Co., Batchelor, La.
Northern Machine Works, Marshall & Jefferson, Phila., Pa., & Wausau, Wis.
Northern Machinery Co., 503 S. 6th, Minneapolis, Minn.
Northern Maine Packing Co., Corinna, Me.
Northern Malleable Iron Co., Wells & Forest, St. Paul, Minn.
Northern Metallic Packing Co., 253 E. 8th, St. Paul, Minn.
Northern Ohio Cooperage & Lumber Co., Parkin, Ark.
Northern Ore Co., zinc ores, Edwards, N. Y.
Northern Paper Mills, paper towels and napkins, Green Bay, Wis.
Northern Pine Crating Co., Cass Lake, Minn.
Northern Redwood Lumber Co., Korbel, Cal.
Northern Refrigerator Co., Grand Rapids, Mich.
Northern Rubber & Supply Co., mill & factory supplies, Duluth, Minn.
Northern Tool Co., machsts., Utica, N. Y.
Northern Water Softener Co., Madison, Wis.
Northern White Cedar Ass'n, Lumber Exchange, Minneapolis, Minn.
Northern Wood Products Co., handles, Dept. H, Glidden, Wis.
Northern Woodenware Co., wood turners, Island Falls, Me.
Northey Mfg. Co., cooling rooms & dlrs. butchers' supplies, Waterloo, Ia.
Northfield Furnace Co., cornices & skylights, Northfield, Minn.
Northfield Co., furniture, Dept. H, Sheboygan, Wis.
Northfield Iron Co., mortar mixers, Northfield, Minn.
Northfield Knife Co., Northfield, Conn.
Northfield Knitting Co., sweaters, Northfield, Minn.
Northfield Knitting Co., 1301 Central av, Minneapolis, Minn.
Northfield Schools, Dept. H, East Northfield, Mass.
Northampton Iron Wks., Florence, Mass.
Northland Lumber Co., Grand Rapids, Mich.
Northland Pine Co., lumber, 1645 Hennepin av, Minneapolis, Minn.
Northland Ski Mfg. Co., St. Paul, Minn.
Northport Lbr. Co., Northport, Ala.
Northrop Bros., masons' & bldrs.' matls., Southport, Conn.
Northrop, Coburn & Dodge Co., enameled metal tile & steel ceiling, 120 Liberty, New York.
Northrop, E. R., Co., hose & belting, 88 White, New York.
Northrop, Jos. W., architect, Court Ex. Bldg., Bridgeport, Conn.
Northrop Lubrg. Oil Co., 308 Commercial av, St. Louis, Mo.
Northrup, B. D., machsts. & fndrs., Washington, Pa.
Northrup Hardware Co., Ltd., Boise, Idaho.
Northrup, Jay H., lumber mfrs., ties, poles & posts, Louisa, Ky.
Northrup Lumber Co., Iola, Kans.
Northrup & O'Brien, architects, Winston-Salem, N. C.
Northway Motor & Mfg. Co., auto. engines, Maybry & G. T. R. R., Detroit, Mich.
Northway Trailer Car Co., truck trailers (automobile), East Rochester, N. Y.
Northwest Arkansas Lumber Co., Fayetteville, Ark.
Northwest Hardware Co., Bellingham, Wash.
Northwest Harvester Co., Spokane, Wash.
Northwest Lumber Co., Seattle, Wash.
Northwest Material Co., masons' & bldrs.' matls., 3690 Milwaukee av, Chicago, Ill.
Northwest Paper Co., Cloquet, Minn.
Northwest Steel Co., ft. of Sheridan, Portland, Ore.
Northwest Trading Co., Ltd., machy. dlrs. & contrs.' equipt., 233 Broadway, New York
Northwestern Art Shade Co., 184 W. Lake, Chicago, Ill.
Northwestern Barb Wire Co., Sterling, Ill.
Northwestern Battery Co., 530 Jefferson, Milwaukee, Wis.
Northwestern Bedding & Mfg. Co., Wycliff, N. W. cor. Bradford, St. Paul, Minn.
Northwestern Blaugas Co., gas liquified, St. Paul, Minn.
Northwestern Boiler Works, Superior, Wis.
Northwestern Brass Works, fndrs., 2117 N. 9th, St. Louis, Mo.
Northwestern Bridge & Iron Co., 32nd & Hopkins, Milwaukee, Wis.
Northwestern Bridge & Iron Co., steel struct. work, Portland, Ore.
Northwestern Cabinet Co., piano benches, Burlington, Iowa.
Northwestern Car Seal Co., 108 N. Jefferson, Chicago, Ill.
Northwestern Casket Co., 661 17th av, N. E., Minneapolis, Minn.
Northwestern Chem. Co., platers' compounds, soaps, etc., Marietta, Ohio.
Northwestern Chem. Co., ether, Wanwatosa, Wis.
Northwestern Clay Mfg. Co., sewer pipe, drain tile, flue linings, etc., Aledo, Ill.
Northwestern Construction Co., Franklin, Pa.
Northwestern Cooperage & Lumber Co., Gladstone, Mich.
Northwestern Copper & Brass Works, 59 W. 3d, St. Paul, Minn.
Northwestern Cornice Works, 1500 Penn av, Baltimore, Md., & 2637 W. Hagert, Phila., Pa.
Northwestern Electric Co., rotary converters, variable motors, etc., 408 S. Hoyne av, Chicago, Ill.
Northwestern Elec. Equip. Co., Westinghouse agent, jobbers, 35 Vesey, New York.
Northwestern Expanded Metal Co., Old Colony Bldg., Chicago, Ill.
Northwestern Foundry Co., 662 W. 12th, Chicago, Ill.
Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
Northwestern Furn. & Supply Co., 619H Washington av., Minneapolis, Minn.
Northwestern Glass Co., 219 N. 2d, Minneapolis, Minn.
Northwestern Glass Co., fruit jars, Saginaw, Mich.
Northwestern Glue Co., 44th pl & Packers av, Chicago, Ill.
Northwestern Granite Co., St. Cloud, Minn.
Northwestern Hdwe. & Steel Co., mill & factory supplies, Portland, Ore.
Northwestern Iron Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.
Northwestern Iron & Metal Co., scrap iron & steel, Racine, Wis.
Northwestern Lime Co., Ryan Bldg., St. Paul, Minn.
Northwestern Lumber Co., Eau Claire, Wis., & Hoquian, Wash.
Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
Northwestern Malleable Iron Co., 756 Park, Milwaukee, Wis.
Northwestern Mfg. Co., carriages, Fort Atkinson, Wis.
Northwestern Mfg. Co., disinfectants & polish, 725 E. Vermont, Indianapolis, Ind.
Northwestern Mfg. Co., dynamos & motors, 482 Clinton, Milwaukee, Wis.
Northwestern Mfg. Co., logging tools, Duluth, Minn.
Northwestern Marble & Tile Co., 27th av, S. & 27th, Minneapolis, Minn.
Northwestern Milling Co., flour, Little Falls, Minn.
Northwestern Mining & Exchange Co., bituminous coal, Scranton, Pa.
Northwestern Motor Co., factory trucks, marine engines, 759 Spring, Eau Clair, Wis.
Northwestern Parquet Floor Co., 142 E. Lake, Minneapolis, Minn.
Northwestern Pine Tar Co., 1905 Diversey, Chicago, Ill.
Northwestern Redwood Co., Northwestern, Cal.
Northwestern Roofing Cornice & Stamping Works, 1111 S. 5th, Minneapolis, Minn
Northwestern Rubber Co., reclaimed rubber, Trenton, N. J.
Northwestern Safe Mfg. Co., machsts. & fndrs., Columbia Heights, Minneapolis, Minn.
Northwestern Sheet & Iron Works, Wahpeton, N. D.
Northwestern Sheet Metal Works, cornices & skylights, Seattle, Wash.
Northwestern Shot & Lead Works, 90 Fairfield av, W., St. Paul, Minn.
Northwestern Stamp Works, 110 E. 3d, St. Paul, Minn.
Northwestern Stamping Co., conduit hangers, Burlington, Ia.
Northwestern States Portland Cement Co., Mason City, Ia.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Northwestern Terra Cotta Co., 2525 Clybourne av, Chicago, Ill.
Northwestern Trunk Co., 248 Nicollet av, Minneapolis, Minn.
Northwestern Univ., engng. school & coll., Evanston, Ill.
Northwestern Wind Engine Co., 110 3d av, N., Minneapolis, Minn.
Northwood, H., Co., table glassware, Wheeling, W. Va
Nortmann-Duffke Foundry Co., 27th av, Milwaukee, Wis.
Norton, A. O., Inc., jacks mfrs., 440 Brookline av, Boston, Mass.
Norton, Alfred E., Co., steel struct'l Works, 105 W. 40th, New York.
Norton Broadway Machinery Co., 236-238 Broadway, Cincinnati, Ohio
Norton Bros., contrs., 1817 Holmes, Kansas City, Mo.
Norton Bros., roofing slate mfrs., Granville, N. Y.
Norton, C. A., masons' & bldrs.' matls., West Mentor, Ohio.
Norton, C. H., paper & pulp mill, binder's boards, North Westchester, Conn.
Norton, C. S., Blue Stone Co., Bedford, Ind.
Norton Car & Foundry Co., machsts. & fndrs., Norton, Va.
Norton, Chas. L., architect, Wayne, Me.
Norton Coal Co., coke mfrs., Norton, Va.
Norton Co., grinding wheel mfrs., Worcester, Mass.
Norton, Daniel R., cotton waste & scrap iron & rubber, Albany, N. Y.
Norton Door Check Co., hdwe. mfrs., 170 Purchase, Boston, Mass.
Norton Door Check Co., 904 W. Lake, Chicago, Ill.
Norton Electric Instrument Co., electrical instruments & ammeters, Manchester, Conn.
Norton, F. J., architect, 520 S Grand av, Los Angeles, Cal.
Norton, Geo. C., architect, Ind. Life Bldg., Nashville, Tenn.
Norton, Geo. W., soap, Somerville, Mass.
Norton & Gorman, contractors, 301 Douglas, Brooklyn, N. Y.
Norton Grinding Co., grinding & polishing machinery & grinding wheels mfrs., Worcester, Mass.
Norton Hardware Co., Norton, Va.
Norton Hardwood Co., lumber mfrs., Norwalk, Ohio.
Norton Hdwe. Co., mill & factory supplies, Fairhaven, Vt.
Norton Iron Works, Ashland, Ky.
Norton, John, contractor, 47 S. Main, Providence, R. I.
Norton, John C., architect, Ardmore, Pa.
Norton, John S., Co., tin plates, metals, etc., wholesale, 72 Hudson, Jersey City, N. J.
Norton Laboratories, metallic magnesium, Lockport, N. Y.
Norton, M., & Co., scrap rubber, Charlestown, Boston, Mass.
Norton Mfg. Co., machinists, Norton, Kans.
Norton Mattress & Mfg. Co., Norton, Va.
Norton Tool Co., adze, mfg., 799 West Park, Ohio.
Norton & Townsend, architects, 839 Chapel, New Haven, Conn.
Norton, W. A., Co., dock bldrs., 285 Dorchester av., Boston, Mass.
Norton, W. R., architect, Phoenix, Ariz.
Norton, W. T., guy clamps, elec. cable hangers, West Park, Ohio.
Norton, Willis & Co., wheat flour, Topeka, Kans.
Norvell-Wilder Hardware Co., Beaumont, Tex.
Norvell & Wallace, masons' & bldrs.' matls., Nashville, Tenn.
Norvell-Wilder Hardware Co., Beaumont, Tex.
Norviel, H., Scraper Co., fndrs., Pixley, Cal.

Norwalk Auto Parts Co., brake brands & universal couplings, Norwalk, Ohio
Norwalk Brick & Stone Co., Norwalk, Ohio.
Norwalk Drilling Tool Co., Norwalk, Ohio.
Norwalk Foundry Co., Norwalk, Ohio.
Norwalk Iron Works Co. (The), air & gas compressor mfrs., So. Norwalk, Conn.
Norwalk Lock Co., So. Norwalk, Conn.
Norwalk Mfg. Co., plumbers' supplies, E. Norwalk, Conn.
Norwalk Mold Co., grave vault molds, Norwalk, O.
Norwalk Motor Car Co., Martinsburg, W. Va.
Norwalk Tire & Rubber Co., Norwalk, Conn.
Norwalk Vault Co., Norwalk, Ohio
Norway Graphite Milling Co., Birmingham, Ala.
Norwich Belt Mfg. Co., Norwich, Conn.
Norwich Chemical Co., acetate of lime, wood alcohol, etc., Crosby, Pa.
Norwich Knitting Co., sweaters, cardigans, etc., Norwich, N. Y.
Norwich Lbr. Co., Norwich, Pa.
Norwich Pharmacal Co., aloin, Norwich, N. Y.
Norwich Plumbing Supply House, Norwich, Conn.
Norwich Wire Works, display stands & store trucks, Norwich, N. Y.
Norwood & Berdan, paint mfrs., Paterson, N. J.
Norwood Concrete Block & Const. Co., stone, Madison av. & C. L. & N. Ry., Norwood, Ohio.
Norwood Engng. Co., freight elev., filters & paper mill machinery, Florence, Mass.
Norwood Glass Co., window glass mfrs., Clarksburg, W. Va.
Norwood, Jos. W., fish oils, Gloucester, Mass.
Norwood Lbr. Co., Forney & Norwood, N. C.
No-Shammy Product Co., gasoline funnels, 5710 Haugh av., Cleveland, Ohio.
Nositzer, Barnet, horse hair, 307 Pearl, New York.
Noss, Herman, & Sons, sash, door & blinds, York, Pa.
Nosser, J. J., architect, Charles City, Ia.
Nostrand Knitting Mills, sweaters, bathing suits, etc., 1287 Madison, Brooklyn, N. Y.
Notkins, A. L., & Sons, contrs., 23 Church, New Haven, Conn.
Nott-Atwater Co., mill & facty. supplies, Spokane, Wash.
Nott, F. H., scrap iron, steel & rubber, Richmond, Va.
Nott, W. S., Co., mill & facty. supplies, 2d av. N., & 3d, Minneapolis, Minn.
Nottingham & Co., masons' & bldrs.' matls., E. 2d & Wash., Portland, Ore.
Nottingham Mill, cotton sheetings, 314 Dyer, Providence, R. I.
Nottingham, Wm. N., switch boxes, 204 W. Brighton, Syracuse, N. Y.
Nottingham & Wrenn Co., masons' & bldrs.' matls., Norfolk, Va.
Nottleman, Wm. J., contractor, Lockport, N. Y.
Noulett, G. A., & Sons, contrs., Audubon Bldg., New Orleans, La.
Nourse, Clinton, architect, 405 S Hill, Los Angeles, Cal.
Nouvaculite Paving Co., contrs., 6038 Delmar Blvd., St. Louis, Mo.
Novak, Frank, contractor, Hartford rd. & B. & O. R. R., Baltimore, Md.
Novelli & Calgani, granite, Barre, Vt.
Novelty Advertising Co., Coshocton, Ohio.
Novelty Art Glass Shades Co., portables, 418 Prospect av, Cleveland, Ohio.
Novelty Brick & Coal Co., masons' & bldrs.' matls., New Comerstown, Ohio.
Novelty Button Works, 312 7th av., New York.
Novelty Cutlery Co., Canton, Ohio.
Novelty Elec. Co., sheet metal gauges & trailer connectors, 50 N. 4th, Philadelphia, Pa.
Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.
Novelty Gas & Elec. Fixture Co., 5th & Green, Philadelphia, Pa.
Novelty Incandescent Lamp Co., Emporium, Pa.
Novelty Iron Works, Lock Haven, Pa.; Passaic, N. J., & Sterling, Ill.
Novelty Iron Works Co., hammers, hand power punches & shears, Dyersville, La.
Novelty Knitting Co., bathing suits, Woonsocket, R. I.
Novelty Knitting Mills, sweaters, etc., 1015 Diamond, Phila., Pa.
Novelty Mfg. Co., mchsts. & fndrs., Jackson, Mich.
Novelty Mfg. Co., mill & facty. supplies, Sioux City, Ia.
Novelty Mfg. Co., hardware manufacturers, Waterbury, Conn.
Novelty Printing Co., hosiery bands & labels, 7th & Watkins, Philadelphia, Pa.
Novelty Sign Co., 208 W. 3d, Cincinnati, Oho.
Novelty Slide Co., 209 W. 48th, New York.
Novelty Steam Boiler Works, steel plate work, 917 S. Howard, Baltimore, Md.
Novelty Turning Co., textile machy., supplies, Norway, Me.
Novelty Wire Works, window display fixtures, 840 B'way, New York.
Novelty Wood Works Co., music cabinets, desks, etc., Union City, Pa.
Novelty Wooden Shoe Co., Holland, Mich.
Novelty Yarn Co., auto. binding, 2304 Waterloo, Phila., Pa.
Novitas Co., novelty mfrs., Waltham, Mass.
Novo Mfg. Co., dry batteries, 424 W. 33d, New York.
Novo Oil Engine Co., Lansing, Mich.
Novy, Jos. J., architect, 2434 S Ridge av, Chicago, Ill.
Nowack, F. C., stone producers, Menominee, Mich.
Nowack, Frank, willow ware mfr., Liverpool, N. Y.
Nowakouski, Jos., & Co., contractors, 666 Forest, E., Detroit, Mich.
Nowata Hardware & Supply Co., Nowata, Okla.
Nowell, J. M., fertilizer mfrs., Monroe, Ga.
Nowell, Wm., contractor, McKeesport, Pa.
No-Wet Mfg. Co., blacking & polish, 13 W. Kinzie, Chicago, Ill.
No Xal Polish Mfg. Co., 1238 Belmont av., Philadelphia, Pa.
Noxall Mfg. Co., grain separators, Seward, Nebr.
Noxapater Lbr. Co., Hight, Miss.
Noxon Broom Co., Avoca, N. Y.
Noxon, C. Per Lee, spark coils & gas igniters, Syracuse, N. Y.
Noxon & Whitney Co., mill & facty. supplies, Middletown, Conn.
Noye Bros. Co., sawmill machy., Buffalo, N. Y.
Noyes, A. L., lumber, Limestone, Me.
Noyes, B. B., Co., machsts. & fndrs., Greenfield, Mass.
Noyes Bros. & Cutler, plate glass, 6th & Sibley, St. Paul, Minn.
Noyes, C. A., Co., mill & facty. supplies, Brockton, Mass.
Noyes Carriage Co., Elkhart, Ind.
Noyes, Chas. E., starch mfr., Limestone, Me.
Noyes Comb Co., Binghamton, N. Y.
Noyes, E. A., cornices, 1606 W. Lake, Chicago, Ill.
Noyes, F. A., Jr., architect, 129 W 2nd, Los Angeles, Cal.
Noyes, Frank A., architect, Chelsea, Mass.
Noyes, H. F., (Est. of), sash, door & blind mfrs., Rutland, Vt.
Noyes, J. B., & Co., lumber, Linnton, Ore.
Noyes & Nutter Mfg. Co., fndrs., Bangor, Me.
Noyes Stove Co., fndrs., Waterville, Me.
Noyes, Walter D, lumber, 148 State, Boston, Mass.
N. & S. Foundry Co., mchsts. & fndrs., Seattle, Wash.
Nu-Back Mfg. Co., metal polish, 114 N. Commercial, St. Louis, Mo.
Nubian Paint & Varnish Co., 1856 Leclair av., Chicago, Ill.
Nucciarone, Albert P., architect, 9 Taylor, Orange, N. J.
Nuckolls Packing Co., meats, Pueblo, Colo.
Nuckols, John T., contractor, Richmond, Va.
Nucoa Butter Co., cocoanut oil, 233 B'way, New York
Nuedling, A., & Son, bldg. contrs., 998 16th, Milwaukee, Wis.
Nuera Paper Co., Inc., 200 5th av, New York
Nu-Ex Fire Appliance Co., extinguishers, Columbus, O.
Nufer Cedar Co., Whitehall, Mich.
Nugent Advtg. Co., signs, 29 N. 13th, Phila., Pa.
Nugent, Robinson, contractor, 2165 Market, San Francisco, Cal.
Nugent, Thos., hot air furnace mfrs., 223 E. 80th, New York.
Nugent, Wm. W., & Co., oiling systems, filters & devices, 146 W. Superior, Chicago, Ill.
Nuhring, Chas., & Bro., boiler compounds, flue cleaners, hose cabinets, racks, reels, packing, etc., & mill & factory supplies, 1212 Walnut, Cincinnati, Ohio.
Null, Geo. W., machsts., Greenmount, Pa.
Nulock Mfg. Corp., auto. locks, 323 W. 11th, New York.
Nulomoline Co., glycerine substitute, 111 Wall, New York.
Nulsen, Klein & Krausse Mfg. Co., barytes, whiting mfrs., Main & Sidney, St. Louis, Mo.
Number One Dist. Co., Cincinnati, Ohio.
Numsen, Wm., & Son, canned goods, 18 Light, Baltimore, Md.
Nunberger, Jos., flour mills, St. Albans, W. Va.
Nunda Casket Co., Nunda, N. Y.
Nungesser Carbon & Battery Works of National Carbon Co., dry batteries, carbon brushes, 1170 E. 38th, Cleveland, Ohio.
Nunn Brass Works, Rochester, N. Y.
Nunner & Ashton Co., bedstead mfrs., 417 E. Pearl, Cincnnati, O.
Nunning, Frank, & Son, machsts., 215 W. 2d, Cincinnati, Ohio.
Nurick, H. J., architect, 830 Putnam av., Brooklyn, N. Y.
Nurnberg Thermometer Co., Inc., 260 E. 138th, New York.
Nurre Mirror Plate Co., medicine cabinets, Bloomington, Ind.
Nurse, Howard B., architect, Cutler Bldg., Rochester, N. Y.
Nusbaum Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Nusbaum, D., & Co., sweaters, bathing suits, etc., 341 5th av., New York.
Nusbaum, F. A., clamps, oil filters, etc., 219 Ruffner, Lockland, Ohio.
Nuss Mfg. Co., musical instruments, Harrisburg, Pa.
Nuss & Moore Trunk Co., 1408 Walnut, Kansas City, Mo.
Nussbaum & Hunold, silver nov., 14 Blount, Providence, R. I.
Nussbeck, John G., cornices & skylights, Topeka, Kan.
Nussear, J. S., Jr., architect, 324 N. Charles, Baltimore, Md.
Nu System Elec. Vibrator Co., Lightner Bldg., Detroit, Mich.
Nute-McGehee-Geary Co., grate bar mfrs., Dept. H, Chambersburg, Pa.
Nutt, Geo. D., contractor, Farwell Bldg., Detroit, Mich.
Nutt, Walter J., Lumber Co., Mendon, Ill.
Nuttall, Jno., machy. dlrs., Montgomery & 5th, Philadelphia, Pa.
Nuttall, R. D., Co., gears, pinions & trolleys, McCandless & Harrison av., Pittsburgh, Pa. *See adv index at end of book.*
Nutter Electric Equipment Co., dry batteries, 169 Mass. av, Boston, Mass.
Nutter, F. H., architect, landscape, Palace Bldg., Minneapolis, Minn.
Nutting, C. A., mchsts., Randolph, Wis.
Nutting Truck Co., Faribault, Minn.
Nuttle, H. T. & H. H., canned goods, Hobbs, Md.
Nydegger, Max, hosiery knitting mach'y, 260 W. B'way, New York.
Nyden, John A., architect, 196 N. State, Chicago, Ill.
Nye, Chas. M., architect, Peters Tr. Bldg., Omaha, Neb.
Nye Lusk & Hudson Co., lumber, Thorp, Wis.
Nye-Schneider-Fowler Co., masons' & bldrs.' matls., Fremont, Nebr.
Nye Steam Pump & Machinery Co., 701 N. Western av., Chicago, Ill.
Nye Tool & Mach. Works, 108 N. Jefferson, Chicago, Ill.
Nye, Wm. F., oils, New Bedford, Mass.
Nyelec Switchboard Co., 422 E. 53d, New York.
Nygard, Alfred F., stone carver, 290 Woodward, Detroit, Mich.
Nystrom, Carl E., architect, Palladio bldg, Duluth, Minn.
Nytanday Letter & Design Co., 100 William, New York.
Oades, Walter H., ship bldr., ft. of Dubois, Detroit, Mich.
Oak Flooring Service Bureau, Union Trust Bldg., Cincinnati, O.
Oak Grove Canning Co., Oak Grove, Va.
Oak Grove Handle Co., Cameron, Wis.
Oak Hill Fire Brick & Coal Co., Oak Hill, Ohio.
Oak Hill Foundry & Machine Works, Oak Hill, Ohio.
Oak Rubber Co., balloons (rubber), Ravenna, Ohio.
Oakdale Baking Co., prepared cereal foods, 10th & Susquehanna av, Philadelphia, Pa.
Oakdale Cotton Mills, Jamestown, N. C.
Oakdale Milling Co., flour, Oakdale, Cal.
Oake Pckg. Co., meat packers, Rockford, Ill.
Oakerson-Jones, machsts., Knightstown, Ind.
Oakes Bros., brick, Iowa City, Ia.
Oakes & Burger Co., dairy apparatus & supplies, machy., etc., Cattaraugus, N. Y.
Oakes Co., automobile parts, metal stampings, etc., Indianapolis, Ind.
Oakes & Dow Co., spark plug mfrs., 311 Atlantic av, Boston, Mass.
Oakes, Geo. W., & Co., contractors, Endicott Bldg., St. Paul, Minn.
Oakes Mfg. Co., aniline colors, etc., Steinway, Long Island City, N. Y.
Oakes Mfg. Co., mail boxes, poultry fountains, Tipton, Ind.
Oakes, W. L., machsts, Decatur, Ill.
Oakes, Roland & Co., saparators, Holyoke, Mass.
Oakland Brass Foundry, Oakland, Cal.
Oakland Chemical Co., dioxogen, 10 Astor pl, New York.
Oakland Fndry. & Mach. Co., Oakland, Me.
Oakland Meat & Packing Co., Oakland, Cal.
Oakland Mills, denims, tickings, Taunton, Mass.

Oakland Motor Car Co., Pontiac, Mich.
Oakland Paving Co., Oakland, Cal.
Oakley, Chas. T., architect, Mamaroneck, N. Y.
Oakley, Chas. W., architect, 1259 Clinton pl., Elizabeth, N. J.
Oakley Chem. Co., rust preventatives, etc., 22 Thames, New York.
Oakley & Keating, machsts., 673 Manhattan av, Brooklyn, N. Y.
Oakley Machine Tool Co., reamer & cutter grinders, Oakley, Cincinnati, Ohio.
Oakman, Jno., architect, 345 5th av, New York.
Oaks, A. J., machsts., South Fork, Pa.
Oakton Canning Co., Oakton, Ky.
Oakville Co., machsts., Waterbury, Conn.
Oakville Shingle Co., lumber, Bothell, Wash.
Oarr, H. J., & Son, machsts. & fndrs., Cos Cob, Conn.
Oast, Samuel P., masons' & bldrs.' matls., 1101 Court, Portsmouth, Va.
Oat, Jos., & Sons, fndrs., 232 Quarry, Philadelphia, Pa.
Oates, Isaac E., & Son., flour mills, Elk Garden, W. a.
Oates Mattress Co., Little Rock, Ark.
Oatley, Lincoln N., contractor, Wakefield, R. I.
Oatman Condensed Milk Co., canned, Dundee, Ill.
Oatman's Furnace Co., cornices, Medina, Ohio.
O'Bannon Co., whol. poultry feed, wagoner, Okla.
O'Bannon Corp., artificial lthr., 200 Fifth av, New York, & 30 State, Boston, Mass.
Obdyke, Benj. P., conductor pipe mfrs., 1217 Callowhill, Philadelphia, Pa.
Obear-Nester Glass Co., bottles, 2d & Chestnut, St. Louis, Mo.
Obee, W. J., contr., Highland Park, Ill.
Obenberger, J., & Son Co., machsts., 125 Barclay, Milwaukee, Wis.
Obenberger Drop Forge Co., cam shafts, 53d & Burnham, Milwaukee, Wis.
Obenchain-Boyer Co., machsts. & fndrs., Logansport, Ind.
Obenhack, C. F., architect, Gluck Bldg., Niagara Falls, N. Y.
Obenhaus-Nichols Co., architects, 208 S. Center, Schenectady, N. Y.
Obenshain, J. B., & Sons, canned goods, Montvale, Va.
Obenshain, Wm., canned goods, Nace, Va. (tr.)
Obenus, Nichols Co., architects, 119 State, Albany, N. Y.
Ober, G., & Sons Co., fertilizer mfrs., ammoniates, U. S. Fidelity & Guaranty Bldg., Baltimore, Md.
Ober Mfg. Co., machinery, Chagrin Falls, Ohio.
Oberbeck Co., portables, 405 Oswego, Chicago, Ill.
Oberdorfer, M. L., Brass Co., castings & pumps, 810 E. Water, Syracuse, N. Y.
Oberhelman, J. A., Foundry Co., Cincinnati, Oho.
Oberholtzer, Francis D., contractor, Norristown, Pa.
Oberkircher, Jacob, architect, 46 Orange, Buffalo, N. Y.
Oberle, G. F., pipe rests, 238 E. 42d, New York.
Oberle, G., mach. & fndr., Mellette, S. D.
Oberlies, Jos. H., architect, Granite Bldg., Rochester, N. Y.
Oberlin Brick & Tile Co., Oberlin, Ohio.
Oberly, Jas. B., brick, Wilmington, Del.
Obermayer, S., Co., foundry plant equipments, etc., 2563 W. 18th, Chicago, Ill.
Oberndorf Mfg. Co., machsts. & brass fndrs., 7509 Thomas blvd. Pittsburgh, Pa.
Oberschelp, H. G., brick, Princeton, Ill.
Oberst, Richard E., architect, 353 Nat'l av, Milwaukee, Wis.
Obert, Jos., Co., meat packers, Lehighton, Pa.
Oberst, Richard E., architect, 307 Grand av, Milwaukee, Wis.
Oberwarth, Leo L., architect, Frankfort, Ky.
Obex Laboratories Co., aniline colors, Marietta, O.
Obion Mill & Elevator Co., flour, Obion, Tenn.
Obitz, John E., architect, 6200 Penn av, Pittsburgh, Pa.
Obrecht, Chas. F., Co., machsts., 8 E. Perry, Baltimore, Md.
Obrechts, John, Sons Mfg. Co., carriage & wagon wheel hubs, Tell City, Ind.
O'Brien, Andrew M., contractor, Lockport, N. Y.
O'Brien Bros., architects, 240 Montgomery, San Francisco, Cal.
O'Brien Bros., contrs., Avoca, Pa.
O'Brien Bros., contractors, 54 South, New York, & 5624 Chew, Philadelphia, Pa.
O'Brien Bros., roofing slate mfrs., Granville, N. Y.
O'Brien Bros., fndrs., 276 W. Main, Columbus, Ohio.
O'Brien Constr. Co., Syracuse, N. Y.
O'Brien, D. L., cornices, Denver, Colo.
O'Brien, Dennis, & Sons, contrs., 118 Asylum, Hartford, Conn.
O'Brien, Dennis, contractor, Middletown, Conn.
O'Brien, Edw. J., & Bro., steam & hot water contrs., 284 Rodney, Brooklyn, N. Y.
O'Brien, J. M., advtg. spec., 218 S. B'way, Los Angeles, Cal.
O'Brien, Jas. H., contractor, Hearst Bldg., San Francisco, Cal.
O'Brien, Jas. H., Scale & Supply Co., butchers' machy. & supplies, 313 Ellery, Brooklyn, N. Y.
O'Brien, John, Boiler Wks. Co., 11th & Mullanphy, St. Louis, Mo.
O'Brien, Jos. F., Mfg. Co., auto. annunciators, switches, etc., 391 B'way, New York.
O'Brien, Laurence, contractor, 70 Beach, New Haven, Conn.
O'Brien, Louis H., stone producer, West Conshohocken, Pa.
O'Brien, M., cornices & skylights, Manchester, N. H.
O'Brien Machy. Co., 119 N. 3d, Phila., Pa
O'Brien, Matthew, architect, Foxcroft Bldg, San Francisco, Cal.
O'Brien, Morgan M., architect, 49 E. 90th, New York.
O'Brien & Mosher, pack'g box mfrs., 223 Greene, New York.
O'Brien, P. M., contractor, 114 Liberty, New York.
O'Brien, Philip, brick, Verplanck, N. Y.
O'Brien, Smith, architect, 742 Market, San Francisco, Cal. Cal.
O'Brien, Thos., contractor, Watertown, N. Y.
O'Brien, Thos., & Sons, contractors, Quincy, Mass.
O'Brien, Timothy, & Son, contractors, 137 Black Rock av, Bridgeport, Conn.
O'Brien Varnish Co., mfrs., South Bend, Ind.
O'Brien, Wm. A., architect, 30 E. B'way, Butte, Mont.
Ocala Gas Engine Wks., Ocala, Fla.
Ocala Iron Wks., Ocala, Fla.
Ocala Mfg. Co., lumber, Ocala, Fla.
Occidental Co., plbrs. supplies, Cleveland, O.
Occidental Construction Co., 2643 Andrews, Los Angeles, Cal.
Occidental Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Ocean Accident & Guarantee Corp., insurance, 59 John, New York.
Ocean Bath'g Suit Co., 116 W. 23d, New York.
Ocean Food Packing Co., canned goods, Everett, Wash.
Ocean Shore Canning Co., 112 Market, San Francisco, Cal.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
Ocean Springs Packing Co., canned goods, Ocean Springs, Miss.
Oceana Canning Co., Shelby, Mich.
Ochs, A. C., Brick & Tile Co., Springfield, Minn.
Ochs Construction Co., masons' & bldrs.' matls., Allentown, Pa.
Ochsner, A., & Son, hdwe. mfrs., New Haven, Conn.
Ocilla Oil & Fertilizer Co., Ocilla, Ga.
O'Clair, C. L., granite, Waterbury, Vt.
O'Clair, John, contractor, Cohoes, N. Y.
Oconee Brick & Tile Co., Milledgeville, Ga.
Oconee Fertilizer Co., Dublin, Ga.
Oconee Mills Co., cotton sheetings, Westminster, S. C.
Oconee River Mills, flour, Milledgeville
O'Connell, C. S., contractor, Savannah, Ga.
O'Connell Elec. Co., Inc., massage vibrators, 817 E. 144th, New York.
O'Connell, J. P., & Co., masons' & bldrs.' matls., 174 Freeport, Boston, Mass.
O'Connell, Louis, Co., masons' & bldrs.' matls., Tiffin, Ohio.
O'Connell Lumber Co., Winlock, Wash.
O'Connell, Martin E., carriages, Terre Haute, Ind.
O'Connell, Michael, contractor, New London, Conn.
O'Connell & Shaw, architect, 18 Boylston, Boston, Mass.
O'Connell, Thos., contractor, Fond Du Lac, Wis.
O'Connell's, D., Sons, masons' & bldrs.' matls., contr., Holyoke, Mass.
O'Conner Concrete Constr. Co., Stamford, Conn.
O'Connor & Andrews, contractors, 47 Orange, New Haven, Conn.
O'Connor, Arthur E., cut glassware, Goshen, N. Y.
O'Connor Bros., contrs., Syracuse, N. Y.
O'Connor & Co., Ltd., carriages, 518 Julia, New Orleans, La.
O'Connor Co., heating contrs., Muskogee, Okla.
O'Conner, Francis X., contractor, 253 W. 47th, New York.
O'Connor, J. J., & Co., metal dealers, 1st Nat'l Bank Bldg., Pittsburgh, Pa.
O'Connor, J. P. & J. W., Co., contractors, 189 W. Madison, Chicago, Ill.
O'Connor, Jas., contr., Council Bluffs, Iowa.
O'Connor, Jas., contractor, Middletown, Conn.
O'Connor, Jas., landscape architect, Penfield Bldg., Phila., Pa.
O'Connor, Jas. W., architect, 162 W. 37th, New York
O'Connor, John C., & Son, contractors, Delphi, Ind.
O'Connor, M., architect, Hudson, N. Y.
O'Connor, Maurice M., & Son, granite, Pawtucket, R. I.
O'Connor, Michael J., architect, 103 Park av, New York.
O'Connor, Peter, masons' & bldrs.' matls., Bayonne, N. J.
O'Connor & Schweers Paint Co., enamels & varnish, Augusta, Ga.
O'Connor-Walker Cut Stone Co., 40 Edwards, Hartford, Conn.
O'Connor, Wm. F., Co., contractors, 2540 Callowhill, Phila., Pa.
Oconto Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
Oconto Co., packing box mfrs., Oconto, Wis.
Octigan Drop Forge Co., horse & mule shoes, 2428 Lowe av, Chicago, Ill.
Octo Engng. Ass'n, Inc., jigs, patterns, piano hdwr., special machy., Rochester, N. Y.
O'Day Bros., slate for elec. purposes, billiard tables, etc., Hydeville, Vt.
O'Day, John, contractor, 90 Miami, Buffalo, N. Y.
O'Day, P. H., & Son, machsts. & fndrs., 253 South, New York.
Oddie, H. H., Inc., contractor, 251 4th av, New York.
Oddy, Hodgson & Son, carriage wheels, Wallingford, Conn.
O'Dea, Jno., masons' & bldrs.' matls., Winona, Minn.
O'Dell Bros., sash, door & blind mfrs., Webster, N. Y.
Odell & Eddy Co., crates, Chaffee, N. Y.
Odell & Ennis, ties, Schaal, Ark.
O'Dell, H. A., architect, Hammond Bldg., Detroit, Mich.
Odell Hardware Co., Greensboro, N. C.
Odell, J. H. & C. S., & Co., organs, 409 W. 42d, New York.
Odell Mfg. Co. See Groveton Paper Co., Inc. (successors)
Odell Mill Supply Co., Greensboro, N. C.
O'Dell. O. A., sashes, doors & blinds, Gallipolis, Ohio.
Odell Rubber Co., tires, Dept. H, South Bend, Ind.
O'Dell Wm. H., architect, Hammond Bldg., Detroit, Mich.
Odend-Hal-Monks Corp., cornices, Norfolk, Va.
Odenhal-Monks Corp., cornices, Norfolk, Va.
Odessa Canning Co., Oak Grove, Mo.
Odgers, Philip G., architect, 5913 Circle av, Norwood Park, Ill.
Odin Co., elec. clothes washing mach., 319 W. Ohio, Chicago, Ill.
Odin Stove Mfg. Co., Erie, Pa.
Odlen, Herman, iron, Camden, N. J.
O'Donnell Bros., bldg. contrs., 1215 Clybourn, Milwaukee, Wis.
O'Donnell Lumber Co., Dunkirk, N. Y.
O'Donnell Steam Htg. Co., Evansville, Ind.
Odontographic Mfg. Co., dental cements, 211 W. 126th, New York.
Odorless Construction Co., destructors for municipal plants, 103 Park av, New York.
Odorless Refrigerator Co., Chattanooga, Tenn.
O'Dougherty, Francis, Co., water tube boilers, 650 Bedford av, Brooklyn, N. Y.
Oeden, Carl E., architect, Middletown, Ohio.
Oehrle Bros. Co., silk fringes, 427 N. 3d, Philadelphia, Pa.
Oelhafen, John, Co., lbr., Tomahawk, Wis.
Oelman Mach. Co., machinists, 224 St. Antonie, Detroit, Mich.
Oelschaeger Bros., pyrometers, 30 E. 23d, New York.
Oelschlager, Chas. E., architect, Harrison Bldg., Philadelphia, Pa.
Oemler Oyster Canneries, Savannah, Ga.
Oenning Glass & Book Co., Quincy, Ill.
Oertel Roofing Mfg. Co., asphalt felts, paint, etc., E. St. Louis, Ill.
Oesterle Stained Glass Wks., 327 N. 11th, Philadelphia, Pa.
Oesterlein Machine Co., milling machines, etc., Cincinnati, O.
Oeters, Edgar O. Co., fibre products, 603 Arch, Phila, Pa.
See adv index at end of book.
Oettinger, F. W., Corp., lamps & enclosed fuses, 70 E. 45th, New York.
O'Fallon, M. J., Supply Co., plumbers' supplies—jobbers, Denver, Colo.
Ofeldt, F. W., & Sons, machinists, Nyack, N. Y.
Off, Christian, & Co., cornices, Indianapolis, Ind.
Off-Set Tool Co., drilling tools, Bridgeport, Conn.
Offerle & Smith, contractors, Warren, Pa.
Offerman, F. J., Art Works, advtg. novelties, 301 Broadway, Buffalo, N. Y.

Office Appliances Magazine, trade publication, 417 S. Dearborn, Chicago, Ill.
Officer, R. H., & Co., assayers, Salt Lake City, Utah.
Official American Textile Directory, 334 4th av, New York.
Official Mfg. Co., dairy app., La Crosse, Wis.
Ofstein, A., scrap iron & steel, 2 av B, New York.
O'Gara Coal Co., McCormick Bldg., Chicago, Ill.
O'Gara Construction Co., contractors, 242 Market, Newark, N. J.
Ogburn Canning Co., Dallas, Tex.
Ogburn, Sam'l D., flour mills, Springfield, Tenn.
Ogden & Bauer, contractors, Wheeling, W. Va.
Ogden, C. G., & Co., masons' & bldrs.' matls., Swarthmore, Pa.
Ogden, C. S., & Co., rubber washers, 420 E. 159th, New York.
Ogden & Cadmus, masons' & bldrs.' matls., Bloomfield, N. J.
Ogden, Chas. G., 17 Steuben, Albany, N. Y.
Ogden & Co., cornices, Warwick, N. Y.
Ogden & Gander, architects, 17 Steuben, Albany, N. Y.
Ogden, E. F., flour mills, Slaughters, Ky.
Ogden, Henry E., & Sons Co., masons' & bldrs.' matls., 428 Clinton, Newark, N. J.
Ogden Iron Works Co., machsts. & fndrs., Ogden, Utah.
Ogden, J. Edward Co., shifting doors, machsts. & fndrs., mill & facty. supplies, 147 Cedar, New York.
Ogden, J. G., machinist, Marysville, Cal.
Ogden, Jos. R., architect, Atlantic City, N. J.
Ogden Motor & Supply Co., auto bldrs., 3854 Ogden av, Chicago, Ill.
Ogden Packing & Prov. Co., meat, Ogden, Utah.
Ogden Paint, Oil & Glass Co., Ogden, Utah.
Ogden, Palmer H., architect, 597 5th av, New York
Ogden Portland Cement Co., Ogden, Utah.
Ogden Pressed Brick & Tile Co., Ogden, Utah.
Ogden Sewer Pipe & Clay Co., Ogden, Utah.
Ogden & Wallace, steel struct'l dlrs., 577 Greenwich, New York.
Ogdensburg Mach. Co., marine engines, Ogdensburg, N. Y.
Ogeechee Brick Co., Union Point, Ga.
Ogeechee Fertilizer Works, Mayfield, Ga.
Ogeechee River Brick Co., Rocky Ford, Ga.
Ogelthorpe Oil & Fertilizer Co., Athens, Ga.
Ogema Lbr. Co., Ogema, Wis.
Ogg, A., contractor & stone producer, Portsmouth, Va.
Ogle Bros., sand dlrs., 3829 10th av, Seattle, Wash.
Ogle Construction Co., 323 S. Michigan av, Chicago, Ill.
Ogle, Geo. A., & Co., maps, 538 S. Clark, Chicago, Ill.
Oglebay, Norton & Co., pig iron, Wade Bldg., Cleveland, Ohio.
Oglesby Furnace Stove Co., machsts. & fndrs., Clinton, Ind.
Oglesby Granite Co., Elberton, Ga.
Oglesby, W. B., Paper Co., Middletown, Ohio.
Oglethorpe Oil & Fertilzer Co., Athens, Ga.
O'Gorman, Thos. F., patterns & models, 114 Centre, New York.
Ogren Motor Car Co., 39 S. La Salle, Chicago, Ill.
O'Hagan & Clark Constr. Co., 332 S. Michigan av, Chicago, Ill.
O'Hair, P. E., & Co., plbrs. supplies, San Francisco, Cal.
O'Halloran & Jacobs, slate stair treads & risers, Park Bldg., Pittsburgh, Pa.
O'Halloran's, Thos., Sons, glass stainers, 276 Halsey, Newark, N. J.
O'Hanlon, Thos., & Sons, tubular boilers, Utica, N. Y.
O'Hara-Waltham Dial Co., Waltham, Mass.
O'Hare, Wm. P., 98 Clay, Boston, Mass.
O. H. C. Mfg. Co., hog oilers, Peoria, Ill.
O'Hearn, M. J., contractor, Brookline, Mass.
O'Hearn, P., contractor, 1464 Dorchester av, Boston, & Lowell, Mass.
O'Herron, M., Co., contractors, S. 1st & McKean, Pittsburgh, Pa.
Ohio Anchor Fence Co., wire fences & gates, Cleveland, Ohio.
Ohio Art Co., metal signs, litho., Bryan, Ohio.
Ohio Art Glass Co., Youngstown, Ohio.
Ohio Body & Blower Co., 9300 Detroit av, Cleveland, Ohio.
Ohio Box Board Co., 1390 E. 30th, Cleveland, Ohio.
Ohio Brass Co., The, electric railway, steam specialties, Mansfield, Ohio *See adv index at end of book*
Ohio Brass & Copper Co., 412 Elm, Cincinnati, Ohio.
Ohio Brass & Pattern Co., Canton, Ohio.
Ohio Brick Co., Toledo, Ohio.
Ohio Builders' Supply Co., Toledo, Ohio.
Ohio Bldg. & Const. Co., Dept. H, Burnette & McMullen, Cincinnati, Ohio.
Ohio Carbon Co., graphite brushes, Fulton pl, Cleveland, O.
Ohio Carriage Mfg. Co., South High, Columbus, Ohio.
Ohio Casket Co., coffins, caskets, etc., Columbus Ohio.
Ohio Central Glass Co., window glass mfrs., Pleasantville, Ohio.
Ohio Ceramic Engng. Co., scale boxes, Berea rd, Cleveland, O.
Ohio Chemical Co., Findlay, Ohio.
Ohio Chemical & Mfg. Co., mfg. chemists, 1177 Marquette, Cleveland, O.
Ohio China Co., East Palestine, Ohio.
Ohio Cities Gas. Co. See Pure Oil Co. (successor)
Ohio Clay Co., blocks, brick, Guardian Bldg., Cleveland, Ohio.
Ohio Clay Products Co., Salineville, Ohio.
Ohio Coal & Supply Co., masons' & bldrs.' matls., 2869 E. 37th, Cleveland, Ohio.
Ohio Co., vacuum cleaners, 145 W. 45th, New York.
Ohio Corr. Culv. Co., Middletown, Ohio.
Ohio Corrugating Co., sheet steel products, Warren, Ohio.
Ohio Cultivator Co., Bellevue, Ohio.
Ohio Culvert Pipe Co., Tiffin, Ohio.
Ohio Dairy Co., canned goods, Toledo, Ohio.
Ohio Distributing Corp., elec. supplies, 220H Somax, Chicago, Ill.
Ohio Duster Co., Cleveland, Ohio.
Ohio Elec. & Controller Co., lifting magnets, 5900 Maurice av, Cleveland, Ohio. *See adv. index at end of book.*
Ohio Elec. Specialty Mfg. Co., sheet metal & woven wire brushes, Troy, Ohio.
Ohio Elec. Wks., Cleveland, Ohio.
Ohio Electrolytic Oxygen Co., 942 Kenyon, Cincinnati, Ohio
Ohio Elevator & Machine Co., Columbus, Ohio.
Ohio Engineering Co., contrs., Lorain, Ohio.
Ohio Fageol Motors Co., trucks, 2539 E 79th, Cleveland, Ohio
Ohio Falls Iron Co., New Albany, Ind.
Ohio Filler & Shield Co., compounds, lubrg. oils, paints, etc., 522 City av, Columbus, Ohio.
Ohio Fire Brick Co., Oak Hill, Ohio.
Ohio Fireproofing Co., Nelsonville, Ohio.
Ohio Forge Co., special drop & smooth hammered forgings, Cleveland, Ohio.
Ohio Foundry Co., E. 71st & Stanton, Cleveland, Ohio.
Ohio Foundry & Mfg. Co., Steubenville, Ohio.
Ohio Galvanizing & Mfg. Co., cans, etc., Niles, Ohio.
Ohio Gas & Elec. Fix. Co., Cincinnati, Ohio.
Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d, Cleveland, Ohio.
Ohio Gas Meter Co., 912 Soc. for Sav. Bldg., Cleveland, Ohio.
Ohio Grease Co., sight feed lubricators, Loundonville, Ohio.
Ohio Hydrate & Supply Co., Woodville, O.
Ohio & Ind. Stone Co., Greencastle, Ind.
Ohio Injector Co., Wadsworth, Ohio.
Ohio Instrument Mfg. Co., machsts., 5902 Carnegie av, Cleveland, Ohio.
Ohio Iron & Metal Co., R. R. equipments, 38 S. Dearborn, Chicago, Ill.
Ohio Iron & Steel Co., Lowellville, Ohio.
Ohio Kiln Co., Vigo, Ohio.
Ohio Knife Co., Cincinnati, Ohio.
Ohio Lantern Co., Tiffin, Ohio.
Ohio Locomotive Crane Co. (The), Bucyrus, Ohio.
Ohio Machine & Boiler Co., 1510 University rd, Cleveland, Ohio
Ohio Machine Tool Co., machinists, Kenton, Ohio.
Ohio Machy. Exchange Co., mill & factory supplies, 24 W. 2nd, Cincinnati, Ohio.
Ohio Malleable Iron Co., machsts. & fndrs, 961 N. 4th, Columbus, Ohio.
Ohio Mfg. Co., agricultural implements, Upper Sandusky, Ohio.
Ohio Mfg. Co., steel shop foundry & truck barrels, annealing pans, tote boxes & factory equipment, P. O. Box 136, Painesville, Ohio. *See adv index at end of book.*
Ohio Marble Co., Piqua, Ohio.
Ohio Match Co., Wadsworth, Ohio.
Ohio Mechanics Inst., engng. schools & coll., Cincinnati, Ohio.
Ohio Metal Co., smelters & refiners, 1137 N. 4th, Columbus, O.
Ohio Metal Products Co., screw mach. products, Dayton, Ohio.
Ohio Metal & Mfg. Co., sheet metal products, Dayton, Ohio
Ohio & Mich. Sand & Gravel Co., Toledo, Ohio.
Ohio Motor Co., machinists, Sandusky, Ohio.
Ohio Motor Vehicle Co., Oakview & Nottingham, Cleveland, Ohio
Ohio Northern Univ., engng. schools & coll., Ada, Ohio.
Ohio Nut & Bolt Co., Berea, Ohio.
Ohio Pail Co., Middlefield, Ohio.
Ohio Paper Co., Miamisburg, Ohio.
Ohio Pattern Works, 2730 Spring Grove av, Cincinnati, Ohio
Ohio Pipe Co., new & second hand pipe & machinery, Findlay, O.
Ohio Plumbers' Supply Co., Toledo, Ohio.
Ohio Post Mold Co., 622 Madison av, Toledo, Ohio
Ohio Pottery Co., "Ohio" laboratory porcelain, Zanesville, Ohio.
Ohio Provision Co., meat packers, Clark av & Big 4 R. R., Cleveland, Ohio.
Ohio Printing & Publishing Co., calendars, Massillon, O.
Ohio Pump & Brass Co., Columbus, Ohio.
Ohio Quarries Co., Ohio sandstone, Citizens Bldg., Cleveland, O.
Ohio Rake Co., agricultural implements, Albany, Dayton, Ohio.
Ohio Realty & Constr. Co., 8 E. Broad, Columbus, Ohio.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, Ohio.
Ohio Refrigerating Mach. & Supply Co. See Ohio Supply Co. (successors)
Ohio River Salt Co., coal mine, Pleasant, W. Va.
Ohio River Sand Co., Louisville, Ky.
Ohio River Sewer Pipe Co., Empire, Ohio.
Ohio River Stone Co., Newport, Ky.
Ohio Road Machinery Co., Oberlin, Ohio.
Ohio Roofing & Asbestos Co., cornices, doors, window frames, 1525 Columbus, Cleveland, Ohio.
Ohio Roofing Tool Co., Tiffin, Ohio.
Ohio Rubber Co., 228 W. 7th, Cleveland, Ohio.
Ohio Salt Co., 100 Hudson, New York.
Ohio Salt Co., chlorate potash, Rittman, O.
Ohio Sandstone Co., 140 S. Dearborn, Chicago, Ill.
Ohio Sanitary Wipers Co., machy. wipers, 2273 Smead av, Toledo, Ohio.
Ohio Sash & Door Co., 711 Canal rd, N. W., Cleveland, Ohio.
Ohio Scrap Iron & Metal Co., Piqua, Ohio.
Ohio Scroll & Lumber Co., Covington, Ky.
Ohio Seamless Tube Co., Shelby, Ohio.
Ohio Seat Co., 1964 Central av, Cincinnati, Ohio.
Ohio Sherardizing Co., Whitney Power Blk., Cleveland, Ohio.
Ohio Shovel & Stamping Co., Dover, Ohio.
Ohio Signal Co., fire alarms, Canton, Ohio.
Ohio Silica Co., East Liverpool, Ohio.
Ohio Spoke & Bending Co., Botkins, Ohio.
Ohio Spring Bed Co., 1281 E. 38th, Cleveland, Ohio.
Ohio State Stove Co., Columbus, Ohio.
Ohio State Univ., engng. schools & coll., Columbus, Ohio.
Ohio Stave Co., Cardington, Ohio.
Ohio Steel Foundry Co., Lima, Ohio.
Ohio Steel Products Co., tubing, Mineral Ridge, Ohio
Ohio Steel Stamp Co., steel stamps & stencils, 105 Prospect av, N. W, Cleveland Ohio
See adv. index at end of book.
Ohio Stove Co., Portsmouth, Ohio.
Ohio Supply Co., Mill & factory supplies, 1579 Columbus rd, Cleveland, Ohio
Ohio Tanning Co., patent lthr., Av C, Cincinnati, Ohio.
Ohio Tool Co., Dayton, Ohio
Ohio Top Co., inner tube bags, 909 Broadway, Cincinnati, Ohio.
Ohio Torpedo Co., Steubenville, Ohio.
Ohio Trailer Co., Nottingham & Oakview, Cleveland, Ohio.
Ohio Truss Co., 12 E. 9th, Cincinnati, Ohio.
Ohio Valley Canning Co., Charlestown, Ind.
Ohio Valley Clay Co., Steubenville, Ohio.
Ohio Valley Coffin Co., Lawrenceburg, Ind.
Ohio Valley Ice & Storage Co., masons' & bldrs.' matls., Steubenville, Ohio.
Ohio Valley Mattress Co., Wheeling, W. Va.
Ohio Valley Mill & Supply Co., masons' & bldrs.' matls., Ashland, Ky.
Ohio Valley Pulley Works, Marysville, Ky.
Ohio Valley Stone Co., Evansville, Ind.
Ohio Valley Supply Co., gas engines & power pumps, Marietta, Ohio.
Ohio Valley Tie Co., Louisville, Ky.
Ohio Valley Wagon Co., Marietta, Ohio.
Ohio Varnish Co., 8604 Kinsman, Cleveland, Ohio.
Ohio Veneer Co., lbr., 2624 Colerain av, Cincinnati, Ohio
Ohio Wax Paper & Printing Co., Columbus, Ohio.
Ohio Well Drilling Co., contrs., Jacksonville, Fla.

Ohio & Indiana Stone Co., crushed stone, 2nd National Bank bldg, Toledo, Ohio
Ohio & Pa. Coal Co., Williamson Bldg., Cleveland, Ohio
Ohio & Western Lime Co., Huntington, Ind., & Luckey, Ohio.
Ohio Wood Preserving Co., creosoted materials, Century Bldg., Pittsburgh, Pa.
Ohio Wood Turning Co., bowling alley supplies, Cleveland, O.
Ohl, Geo. A., & Co., shears, 159 Oraton, Newark, N. J.
Ohlemacher Brick Co., Michigan City, Ind.
Ohlen-Bishop Co., saw mfrs., 931 Factory, Columbus, Ohio
Ohlen, J., & Sons Saw Mfg. Co. See Ohlen-Bishop Co. (successors)
Ohlhaber, Wm., architect, Kolze, Ill.
Ohlmacher, C. J., & Co., cornices & skylights, Sycamore, Ill.
Ohlsen, John, & Son, contractors, Loup City, Neb.
Ohlson, O. F., contractor, 10 Brunswick, Worcester, Mass.
Ohmlac Paint & Refining Co., cements, compounds, enamels, 140 S Dearborn, Chicago, Ill.
Ohman Map Co., 258 Broadway, New York.
Ohmen Engine Works, 17th & Capp, San Francisco, Cal.
Ohmer Fare Register Co., Dayton, Ohio.
Ohmer's, M., Sons Co., bank fixtures, Dayton, Ohio.
Ohmlac Mfg. Co., cements, compounds, enamels, paints, etc., 140 S. Dearborn, Chicago, Ill.
Ohr, F. G., carriages, Monroe, Mich.
Ohrenstein, Ernest J., architect, 58 W. Washington, Chicago, Ill.
Ohyama, T. H., naval architect, Woolworth Bldg., New York
Oichman, S., Trunk Co., 29 Howard, New York.
Olen, Norman, contr., Sioux City, Ia.
Oil City Boiler Works, special steel plate work and machinery, Oil City, Pa.
Oil City Brass Works, Beaumont, Tex.
Oil City Foundry Co., Oil City, Pa.
Oil City Iron Works, mill & factory supplies, Shreveport, La.
Oil City Iron Works, Corsicana, Tex.
Oil City Oil & Grease Co., lubricants, Oil City, Pa.
Oil City Woodworking & Mfg. Co., sash, door & blind mfrs., Oil City, Pa
Oil & Grease Co., soap, 65 B'way, New York.
Oil News, trade publicaton, 14 E. Jackson blvd, Chicago, Ill.
Oil, Paint & Drug Reporter, trade publication, 100 William, New York.
Oil Seeds Co., castor, corn, etc., 35 S. William, New York.
Oil Trade Journal, trade publication, Equitable Bldg., New York.
OIL & WASTE SAVING MACHINE CO., Real Estate Trust Bldg., Phila., Pa. *See adv. index at end of book.*
Oil Well Improvement Co., Tulsa, Okla.
Oil Well Supply Co., pump rods, 215 Water, Pittsburgh, Pa.
O. K. Clutch Machinery Co., clutch & hoist mfrs., Columbia, Pa.
O. K. Co., poultry supplies, 157 Water, New York.
O. K. Display Fixture Co., 37 Broome, New York.
O. K. Mfg. Co., rubber erasers, Woolworth Bldg., New York.
O. K. Mfg. Co., stationer's specialties, O. C. S. Bk. Bldg., Syracuse, N. Y.
O. K. Nut Lock Co., Turks Head Bldg., Providence, R. I.
O. K. Paper Pail Co., Middletown, Ohio.
O. K. Stove & Range Co., Louisville, Ky.
O. K. Tool Holder Co., machsts. & fndrs., Derby, Conn.
Okadee Co., gauges, 14 E. Jackson blvd., Chicago, Ill.
Okeberg, Jno V., architect, Geneseo, Ill.
O'Keefe, Arthur W., contractor, Plymouth, Ind.
O'Keefe, Jno. J. contractor, 1 Hague, New York.
O'Keefe Lumber Co., Plymouth, Ind.
O'Keefe-Orbison Engng. & Construction Co., paper & pulp mill architects, Appleton, Wis.
Okeene Milling Co., feed, Okeene, Okla.
Okeh Elec. Co., 313 Clinton, Chicago, Ill.
Okeh Hosiery Mills, Lemoyne, Pa.
Okel & Cooper, architects, Vandiver Bldg., Montgomery, Ala.
O'Kelly Brick Co., Ashland, Ky.
O'Kelly, Gregory, safety carrying hooks, etc., 557 W. Jackson blvd., Chicago, Ill.
Okerlund, Richard J., architect, Omak, Wash.
Okerstrom, J. E., architect, Virginia, Minn.
Okey Mfg. Co., gas engines, Columbus, Ohio.
Okie, F. E., Co., printing inks, 127 S. 2d, Philadelphia, Pa.
Okie, Francis G., printing inks, 150 N. 4th, Phila., Pa.
Okie, R. Broguard, architect, Croyer Bldg., Phila., Pa.
Okla. Auto Mfg. Co., N. Muskegon, O.
Okla. Broom Corn Warehouses, Lincoln, Neb.
Okla. Carriage Works, Oklahoma, Okla.
Okla. City Foundry & Machine Co., Oklahoma, Okla.
Okla. City Hardware Co., Oklahoma, Okla.
Okla. City Mill & Elevator Co., flour, Oklahoma, Okla.
Okla. Iron Works, Tulsa, Okla.
Okla Furn. Mfg. Co., Dept H., Oklahoma, Okla.
Okla. Mill Co., flour, Kingfisher, Okla.
Okla. Portland Cement Co., Ada, Okla.
Okla. Sash & Door Co., Oklahoma, Okla.
Okla. Spring Bed Mfg. Co., Oklahoma, Okla.
Okla. Supply & Navigation Co., sand & gravel, Muskogee, Okla.
Okla. Tool & Supply Co., mill & factory supplies, Tulsa, Okla.
O'Kleen-O Products Co., disinfectants, floor oils, soaps, etc., 712 Madison av, Baltimore, Md.
Okmulgee Producing & Refining Co., petroleum products, Tulsa, Okla.
Oko Mach. Shop, Inc., machsts., 65 Bridge, Newark, N. J.
Okonite Co., insulated wires and cables, Passaic, N. J.
O'Laughlin, A. C., Co., stone producers, 133 W. Washington, Chicago, Ill.
O'Laughlin, John, Stone Co., Racine, Wis.
Olbrich & Galbeck Co., furniture, 355H N Ashland av, Chicago, Ill.
Olcott, Chas. A., Planing Mill Co., sash, door & blind mfrs., 3300 N. Broadway, St. Louis, Mo.
Olcott & Corning, metallurgical engng., 36 Wall, New York.
Old Ben Coal Corp., McCormick Bldg., Chicago, Ill.
Old Berkshire Mills Co., paper & pulp mills, Dalton, Mass.
Old Colony Crushed Stone Co., Quincy, Mass.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Old Buck Guano Co., fertilizer mfrs., Richmond, Va.
Old Colony Foundry Co., East Bridgewater, Mass.
Old Colony Mfg. Co., cotton blankets, flannels, Taunton, Mass
Old County Green Soap Co., Winona, Minn.
Old Dominion Glass Corp., bottles, Alexandria, Va.
Old Dominion Iron & Steel Corp., rolling mill, Belle Isle, Richmond, Va. *See adv index at end of book*
Old Dominion Iron Wks., Norfolk, Va.
Old Dominion Marine Railway, engines, boilers, etc., Berkley, Va.
Old English Slate Co., Glens Falls, N. Y.
OLD ENGLISH SLATE QUARRIES, producers of artistic roofing slate in all colors, and slate for landscape gardening, 10 Milk, Boston, Mass.
Old Homestead Cannery Co., Fork Union, Va.
Old King Cole Papier Mache Co., Canton, Ohio.
Old Mission Portland Cement Co., Mills Bldg., San Francisco, Cal.
Old Oregon Lumber Co., Seattle, Wash.
Old Reliable Motor Truck Co., 58 E. Wash., Chicago, Ill.
Old Roman Solder Co., 202 E. 46th, New York.
Old '76 Dist. Co., 9 Masonic Temple, Cincinnati, Ohio.
Old Town Canoe Co., Old Town, Me.
Old Town Ribbon & Carbon Co., 245 Centre, New York.
Old Town Sheet Metal Works, cornices & skylights, Tacoma, Wash.
Old Town Supply Co., masons' & bldrs.' matls., Oldtown, Me.
Oldberg Mfg. Co., auto. mufflers, 78 Forest E., Detroit, Mich.
Olden's, Goeffrey J., Son, shoe patterns, 6 Spruce, New York.
Older, G. B., architect, Lancaster, Ohio.
Oldershaw, L. A., architect, New Britain, Conn.
Oldershaw, F. H., architect, New Britain, Conn.
Oldfield, James W., machinist, Laurel, Del.
Oldham, Geo., & Son Co., pneumatic tools & appliances, 4326 Tackawanna, Frankford, Phila., Pa.
Oldham New York Saw Works, Inc., 112 26th, Brooklyn, N. Y.
Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.
Oldroyd Mining Mach. Co., 621 W. Front, Cincinnati, Ohio
Olds, C. L., Construction Co., Fort Wayne, Ind.
Olds & Hixson, lumber, Vanderbilt, Mich.
Olds, M. D., lumber, Cheboygan, Mich.
Olds Motor Works, Lansing, Mich.
Olds Soap & Chemical Co., 540 W. McCarthy, Indianapolis, Ind.
Olds & Whipple, fertilizer mfrs., Hartford, Conn.
Oldsman Tractor Co., Oldsman, Fla.
Olean Bridge & Supply Co., contrs., Olean, N. Y.
Olean Hdwe. Co., 153H N Union, Olean, N. Y.
Olean Pressed Brick Co., Olean, N. Y.
O'Leary, Arthur J., & Son Co., iron forgings, etc., 65th & 57th av, Chicago, Ill.
O'Leary, J. J., Co., contractors, Passaic, N. J.
O'Leary, John, contractor, 991 E. 167th, New York.
Oleslager, John B., cornices, Jackson, Mich.
Oleum Products Co., belt dressing, Scranton, Pa.
Olewine, Wm., & Son, mine hames, Hazelton, Pa.
Oliff-McCormick Brick Co. (Ltd.), Shreveport, La.
Olin Gas Engine Co., machsts., Buffalo, N. Y.
Oline Lumber Co., Warren, Ind.
Oliphant-Johnson Coal Co., Vincennes, Ind.
Oliphant, William, architect, Jaques bldg, Macon, Ga.
Olive-Baker Mfg. Co., advtg. novelties, 315 1st av, N. Minneapolis, Minn.
Olive, F. W., machsts., 1007 Marion, St. Louis, Mo.
Olive Milling Co., flour, Olive, Cal.
Olive & Myers Mfg. Co., mattresses, Dallas, Tex.
Olive Stove Works, Rochester, Pa.
Oliver, A. C., lumber, Frozard, La.
Oliver, A. F., Gear & Mach. Co., 60 Cherry, Buffalo, N. Y.
Oliver Bros., whol. hdwe., 71 Murray, New York.
Oliver Chilled Plow Works, South Bend, Ind.
Oliver & Co., granite producers, Barre, Vt.
Oliver Continuous Filter Co., metallurgical & chemical automatic filters, vacuum pumps, compressors, thickeners, 503 Market, San Francisco, Cal., and 33 W. 42nd, New York
Oliver, E. J., & A. W., contractors, Chester, Pa.
Oliver, Edwin L., engineer, 503 Market, San Francisco, Cal.
Oliver Elec. & Mfg. Co., battery connectors, armature, coils, machy., etc., 4221 Forest Pk., St. Louis, Mo.
Oliver, Geo. D., architect, 9 Dewey av, Watertown, N. Y.
Oliver, Horace T., contractors, 328 South av, Rochester, N. Y.
Oliver & Howland Co., mill & facty. supplies, Springfield, Mass.
Oliver Instrument Co., hdwe. mfrs., metal stamping, filing & lapping machy., Adrian, Mich.
Oliver Iron Mining Co., Duluth, Minn.
Oliver Iron & Steel Co., rolling mills, S. 10th & Muriel, Pittsburgh, Pa.
Oliver Lumber Co., Hastings, Neb.
Oliver Machinery Co., woodworking machines and machine tools Grand Rapids, Mich.
Oliver Mfg. Co., pumps, 4th & Madison, Oakland, Cal.
Oliver Mfg. Co., jacks, wrenches, etc., 326 S. Desplaines, Chicago, Ill.
Oliver & Meyers Mfg. Co., mattresses, Dallas, Tex.
Oliver Oil-Gas Burner & Mach. Co., gas stove burners, gas & oil heaters & furnaces, Dept. H, 21st & Pine, St. Louis, Mo.
Oliver, Ralph H., architect, 6958 S Peoria, Chicago, Ill.
Oliver Silica Sand Co., Massillon, Ohio.
Oliver, Thos., contractor, Chester, Pa.
Oliver, Thos. (Est. of), masons' & bldrs.' matls., Rochester, N. Y.
Oliver Traction Co., Knoxville, Tenn.
Oliver Typewriter Co., machsts. & fndrs., 159 N. Dearborn, Chicago, Ill.
Oliver, W. J., Mfg. Co., contractors, Knoxville, Tenn.
Oliver, W. W., Mfg. Co., machsts., 1483 Niagara, Buffalo, N. Y.
Oliver, Wm., masons mtls., Otsego, Mich.
Oliver, Wm. J., Mfg. Co., flat cars & plows, Knoxville, Tenn.
Oliver & Co., Dept. H., furniture, Allegan, Mich.
Oliver & Williams, steel rings, 39 Pitts, Boston, Mass.
Olivia Canning, Preserving & Mfg. Co., Olivia, Minn.
Olivoint Chemical Co., 4273 California, San Francisco, Cal.
Olley, Geo., masons' & bldrs.' matls., Racine, Wis.
Ollhoff, F. W., lbr., Merrill, Wis.
Ollinger, Harry W., machinist & founder, Mobile, Ala.
Olmo, Frank, cornices & skylights, 3460 Mission, San Francisco, Cal.
Olmstead, A. E., machinist & founder, Orwell, N. Y.
Olmstead Bros., architects, Brookline, Mass.
Olmstead Bros. Co., advtg. spec., 9 14th, Wheeling, W Va.
Olmstead, Fernando C., contractor, Danbury, Conn.
Olmstead-Thomson Mfg. Co., plumbers' wood work, New Britain, Conn.
Olmstead & Tuttle Co., calking cotton, mattresses, etc., Chicopee, Mass.
Olmsted Co., harness, saddles & strap work mfrs., Syracuse, N. Y.

Olmsted, W. B., architect, 1413 H., N. W., Washington, D. C.
Olmsted's, L. H., Son, machsts., Hasbrouck Heights, N. J.
Olney, B., Canning Co., Oneida, N. Y.
Olney & Floyd, canned goods, Westernville, N. Y.
Olney, G. W., Woolen Co., Cherry Valley, Mass.
Olney Milling Co., flour, Olney, Ill.
Olney Paving Brick & Tile Mfg. Co., Olney, Ill.
Olney & Payne Bros., masons' & bldrs.' matls., Pawtucket, R. I.
Olney & Warrin, mill & facty. supplies, 301 Lafayette, New York
Olney Woolen Mills, Cherry Valley, Mass.
Olneyville Hay & Grain Co., masons' & bldrs.' matls., 25 Manton av, Providence, R. I.
O'Loughlin, James, contractor, Hartford, Conn.
Olphert, Geo. H., Jr., architect, Proctor Bldg., Mount Vernon, N. Y.
Olschner, C. E., architect, Merchants' Bldg., Shreveport, La.
Olsen, Andrew, machst. & fndr., 39 Union, Brooklyn, N. Y.
Olsen, C. H., contractor, Stillwater, Minn.
Olsen, Leif E., architect, 155 N Clark, Chicago, Ill.
Olsen, O. C. S., Co., desk mfrs., 2511 Moffat, Chicago, Ill.
Olsen, O. Herman, contractor, 1558 Crotona Park E., New York.
Olsen, P. M., architect, Sellwood bldg., Duluth, Minn.
Olsen, Paul F., architect, 127 N. Dearborn, Chicago, Ill.
Olsen & Tilgner Mfg. Co., machsts., 2280 Elston av, Chicago, Ill.
Olsen, Tinius, Testing Machine Co., machinery mfrs., 500 N. 12th, Philadelphia, Pa.
Olsen & Morse, elec. contrs., Norwich, Conn.
Olsen & Tilgner Mfg. Co., paint grinding & mixing machy., 2278 H Elston av, Chicago, Ill.
Olsen & Urbain, architects, 155 N. Clark, Chicago, Ill.
Olson, A. J. Constr. Co., contrs., Exchange bldg., Dept. H., Memphis, Tenn.
Olson, A. J., & Co., furnaces, 217 W. Lake, Chicago, Ill.
Olson, Benj. F., architect, 19 S. La Salle, Chicago, Ill.
Olson & Bergquist, contractors, Ironwood, Mich.
Olson-Boettger Elec. Mfg. Co., 413 N. Franklin, St. Paul, Minn.
Olson Broom Co., Sterling, Kans.
Olson Bros., contractors, 6200 Evans av, Chicago, Ill.
Olson, Charles T., architect, Brockton, Mass.
Olson Construction Co., Lincoln, Neb.
Olson & Detlie Carriage Co., Sioux Falls, S. D.
Olson, J. H., contractor, 4012 S. State, Chicago, Ill., & Willmar, Minn.
Olson, John, contractor, Danville, Ill.
Olson-Klopf Welding & Cutting Co., antogenous, Seattle, Wash.
Olson & Mahoney Lumber Co., 5th & Channell, San Francisco, Cal.
Olson Mfg. Co., feed & litter carriers, hay tools, Albert Lea, Minn.
Olson Mfg. Co., screw machine products, Worcester, Mass.
Olson, Nels M., flour mills, Mazeppa, Minn.
Olson & Nelson Cut Stone Co., 3401 S. La Salle, Chicago, Ill.
Olson-Nicholson Co., Inc., contrs., Seattle, Wash.
Olson, O. C., agricultural implements, Waupun, Wis.
Olson, Oliver, machst, Clarinda, La.
Olson, Peter T., contractor, Galesburg, Ill.
Olson-Schmidt Constr. Co., St. Joseph, Mo.
Oltman, Schmidt & Co., machsts., Peoria, Ill.
Oltmer Iron Works, mchsts. & fndrs., Hoboken, N. J.
Olvany, Wm. J., steam & hot water heating contr., 177 Christopher, New York.
Olympia Door Co., lumber, Olympia, Wash.
Olympia Games Co., toys, games & Nov., 126 S. Clinton, Chicago, Ill.
Olympia Hardware Co., cornices & skylights, Olympia, Wash.
Olympia Knitting Mills, sweaters, cardigans, etc., 540 B'way, New York.
Olympian Knit Goods Co., sweaters, cardigans, etc., New Hartford, N. Y.
Olympian Motors Co., Pontiac, Mich.
Olympic Foundry Co., Seattle, Wash.
Olympic Portland Cement Co., Ltd., Seattle, Wash.
Olympic Steel Wks., Seattle, Wash.
Olyphant Foundry Co., Olyphant, Pa.
Olyphant Silk Co., silk fringes, Olyphant, Pa.
Omaha Alfalfa Milling Co., meal, Omaha, Neb.
Omaha Baum Iron Store, Inc., mill & factory supplies, Omaha, Neb.
Omaha Box Co., Omaha, Neb.
Omaha Canning Co., Omaha, Ill.
Omaha Clay Works, Omaha, Neb.
Omaha Cooperage Co., Omaha, Neb.
Omaha Cotton Oil Co., meal, Omaha, Tex.
Omaha Electrical Works, Omaha, Neb.
Omaha Fiber & Corrugated Box Co., Omaha, Neb.
Omaha Fixture & Supply Co., Omaha, Neb.
Omaha Folding Machine Co., Omaha, Neb.
Omaha Foundry Co., Omaha, Neb.
Omaha General Iron Works, Omaha, Neb.
Omaha Hardwood Lumber Co., Omaha, Neb.
Omaha Leather Co., Omaha, Neb.
Omaha Machine Works. See Sharp, L. C., Mfg. Co. (successors)
Omaha Metal & Rubber Co., Omaha, Neb.
Omaha Packing Co., meat, 2320 S. Halsted, Chicago, Ill.
Omaha Sanitary Supply Co., steam fitters' & plumbers' supplies, jobbers, Omaha, Neb.
Omaha Steel Wks., contrs., machsts., stacks, etc., Omaha, Neb. (tr.)
Omaha Stove Repair Works, Omaha, Neb.
Omaha Trunk Factory, Omaha, Neb.
Omaha Wood Working Co., Omaha, Neb.
O'Mahoney, M., Co., masons' & bldrs'. matls., Lawrence, Mass.
O'Mahony, Jerry, Inc., lunch wagon bldrs., Bayonne, N. J.
O'Malley-Beare Valve Co., Ry. Exchange Bldg., Chicago, Ill.
O'Malley, Peter J., contractor, Waltham, Mass.
Oman Bowling Green White Stone Co., Bowling Green, Ky.
O'Mara Bros. Brick Co., Terre Haute, Ind.
O'Mara Heating Co., Victoria Bldg., St. Louis, Mo.
O'Mara Parlor Frame Co., furniture, 2141H W. Austin av, Chicago, Ill.
O'Meara Bros., paint, Hillsdale, Mich.
O'Meara Constr. Co., 253 S. Quince, Philadelphia, Pa.
O'Meara, Maurice, Co., rubber roofing, 448 Pearl, New York.
O'Mears, M. J., contr., Beardstown, Ill.
O'Melia, J. H., Lumber Co., Rhinelander, Wis.
Omo Mfg. Co., rubber goods, Middletown, Conn.
Omohundro, T. E., canned goods, Farmers Fork, Va.

Omolite Co., light controlling devices, Jamestown, N. Y.
Omstead, O. J., turpentine, Millcreek, Fla.
Onalaska Lbr. Co. See Carlisle Pennell Lbr. Co. (successors)
Onalaska Pickle & Canning Co., Onalaska, Wis.
Onderdonk, C. B., architect, Pocatello, Idaho.
One Hand Auto Top Co., 74 E. Jewett av, Buffalo, N. Y.
One Minute Mfg. Co., machsts. & fndrs., Newton, Ia.
One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
O'Neal, C. L., Lime mfrs., Eureka, Ala.
O'Neal-Gowen Lumber Co., Everett, Wash.
O'Neal, Wm., Co., culverts—road, Crawfordsville, Ind.
Oneida Chain Co., Oneida, N. Y.
Oneida Community, Ltd., canned goods, silverware & traps, Oneida, N. Y.
Oneida County Canning Co., Ltd., Verona, N. Y.
Oneida Knitting Mills, underwear, Utica, N. Y.
Oneida Lime Co. (Ltd.), Buffalo, N. Y.
Oneida Motor Truck Co., Green Bay, Wis.
Oneida National Chuck Co., Oneida, N. Y.
Oneida Wood Pulley Co., Oneida, N. Y.
O'Neil Bros., contrs., Hartford, Conn.
O'Neil Bros., cotton waste, Oxford & Howard, Philadelphia, Pa.
O'Neil, Daniel, contr., 273 Minna, San Francisco, Cal.
O'Neil, Geo. F., contractor, Binghamton, N. Y.
O'Neil, H. C., brick, Montowese, Conn.
O'Neil Iron Works, Inc., sugar cane mills machy., etc., 268 Perry, Buffalo, N. Y.
O'Neil, J. H., Jr., wooden clamps, mallets & wood turnings, 525 Main, Pawtucket, R. I.
O'Neil, Jas., carriages, Binghamton, N. Y.
O'Neil, Jas., contractor, Binghamton, N. Y.
O'Neil, Jerry, stone, F. & Wyoming, Philadelphia, Pa.
O'Neil, John P., contractor, Faribault, Minn.
O'Neil Lbr. Co., E. St. Louis, Ill.
O'Neil, M. J., mill & facty. supplies, Henderson, N. C.
O'Neil, M., Supply Co., mill & factory supplies, 25 Cliff, New York.
O'Neil Oil & Paint Co., 297 E. Water, Milwaukee, Wis.
O'Neil & Preston, contrs., 60 E. 6th, St. Paul, Minn.
O'Neil, T. L., portable grain elevator, disc harrows, street flushing machines, Marseilles, Ill.
O'Neil Tire & Rubber Co., Akron, Ohio.
O'Neil, W. H., & Co., lumber, Dallas, Tex.
O'Neil, W. J., & Co., wholesale hardware, Fresno, Cal.
O'Neil, Wm. F., contractor, Hartford, Conn.
O'Neil, Wm., & Son Co., contractors, Faribault, Minn.
O'Neill, Edward C., contractor, Montclair, N. J.
O'Neill Elevator Co., 628 Cherry, Philadelphia, Pa.
O'Neill, J. J., Co., contractors, Holyoke, Mass.
O'Neill, Joseph, wire wks., Port Chester, N. Y.
See adv index at end of book.
O'Neill Lumber Co., Jersey av., Jersey City, N. J.
Oneill Machine Co., Toledo, Ohio.
Oneill, M., Supply Co., pipe jobbers, 25 Cliff, New York.
O'Neill, Maurice R., contractor, 143 Dyer, Providence, R. I.
O'Neill, Michael, archl. iron, 1531 Filbert, Philadelphia, Pa.
O'Neill & O'Neill, belt buckles, 82 Union, Newark, N. J.
O'Neill Stone Co., Conshohocken, Pa.
O'Neill, Wm. A., masons' & bldrs.' matls., Lima, N. Y.
Onen Hardware Co., Dowagiac, Mich.
Onken, Oscar, & Co., window display fixtures, 4th & Cutter, Cincinnati, Ohio.
Ono Frezo Fire Extinguisher Mfg. Co., 214-16 S. 17th, extinguishers, fire, St. Louis, Mo.
Onondaga Bed Mfg. Co., mattresses, Syracuse, N. Y.
Onondaga Brass Co., machinists, Syracuse, N. Y.
Onondaga Coarse Salt Association, Syracuse, N. Y.
Onondaga Indian Wigwam Co., Syracuse, N. Y.
Onondaga Litholite Co., artificial bldg. stone, Syracuse, N. Y.
Onondaga Paper Co., Marcellus Falls, N. Y.
Onondaga Pottery Co., Syracuse, N. Y.
Onondaga Steel Co., high-speed steel converters, Syracuse, N. Y.
Onondaga Vitrified Brick Co., Syracuse, N. Y.
Onstine, A., lumber, Echo, Wash.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Ontario Coal Co., masons' & bldrs.' matls., Geneva, N. Y.
Ontario Drill Co., East Rochester, N. Y.
Ontario Elect. Steel Co., Inc., Fulton, N. Y.
Ontario Knife Co., Franklinville, N. Y.
Ontario Mach. Screw Co., Ontario & Rorer, Phila., Pa.
Ontario Mfg. Co., machinists, Ontario, Cal.
Ontario Talc Co., Gouverneur, N. Y.
Ontario Thread Co., 17 Waverly pl., New York.
Onward Mfg. Co., commutator compounds, Menasha, Wis.
Onyx Oil & Chemical Co., Jersey City, N. J.
Oostburg Canning Co., Oostburg, Wis.
Opal Chemical Co., bronzing liquids, Kenilworth, N. J.
Opal Sign Co., 254 10th av., New York.
Opalescent Bent Glass Co., shades, 106 7th av, New York.
Opalite Tile Co., Monaca, Pa.
Opalux Co., shades & reflectors, 200 5th av, New York.
Opdenweger-George Lumber Co., Perdido & Lopez, New Orleans, La.
Opdenweyer, Alcus, Cypress Co., Sorrento, La.
Opelika Oil Mill Corp., fertilizer mfrs., Opelika, Ala.
Open Coal Heater & Purifier Co., 502 S. Penn., Indianapolis, Ind.
Operative Miller, trade publications, 721 S. Wood, Chicago, Ill.
Operators' Piaon Co., 16 S. Peoria, Chicago, Ill.
Opie, J. W., Brush Co., Kansas City, Mo.
Opit, John, & Co., stone producers, Oak Park, Ill.
Oppel, Rudolph, cornices & skylights, 230 E. 22d, New York.
Oppenheim-Ramsey Co., Inc. See Blums' Adv. Agency (successors)
Oppenheim, Sidney F., architect, 36 8th av, New York.
Oppenheimer & Co., second hand bags, Buffalo, N. Y.
Oppenheimer, J., & Co., scrap brass, copper, iron & steel, 81 Fulton, New York.
Oppenheimer, S., & Co., sausage making machines, 2700 S. Wabash av., Chicago, Ill.
Opperman, C. B., architect, Webster Groves, Mo.
Opportunity Mfg. Co., furn., Dept. H., Saginaw, Mich.
Optenberg Iron Works, Sheboygan, Wis.
Optical Journal & Review, trade publication, 11 John, New York.
Optical Lens Co., lenses, Southbridge, Mass.
Optical Specialty Mfg. Co., optical goods, Southbridge, Mass.
O'Quinn, W. J., & Sons, turpentine, Odum, Ga.
Oram, Jas. C., & Co., stencils, 100 W. South Water, Chicago, Ill.

Oram, Jno. S., Co., machinery, pumps, steamers, knives, etc., 1316 E. 53rd, Cleveland, Ohio.
Orange Carriage Co., Orange, N. J.
Orange Cotton Mills, rope, twine, Orangeburg, S. C.
Orange Hardware Co., Orange, Mass.
Orange Mch. & Mfg. Co., Orange, N. J.
Orange Mfg. Co., metal buttons, 190 Emmette, Newark, N. J.
Orange Rice Mill Co., Orange, Tex.
Orangeburg Fertz. Co., Orangeburg, S. C.
Orbis Products Trading Co., Inc., arabic gum & essential oils, 212 Pearl, New York.
Orbon Stove & Range Co., Belleville, Ill.
Orcas Lime Co., Deer Harbor, Wash.
Orchard, Wm. H., architect, 17 W. 45th, New York
Orcutt, B. L., & Sons, butter tubs, Dickinson Center, N. Y.
Orcutt Pipe Hanger Co., Toledo, Ohio.
Ord Milling Co., flour, Ord, Neb.
Ordinator Co., window shades, 101 Park av, New York.
Ording, Carl H., architect, 4808 West End av, Chicago, Ill.
Ordnance Engineering Corp., airplane parts supplies, 120 B'way, New York.
Ordway, Chas., evaporators, distilling app., 25 Church, New York.
Ore. Boiler Works, tubular, Seattle, Wash.
Ore. Brass Works, 73 N 2nd, Portland, Ore.
Ore. Canning Co., Oregon, Mo.
Ore. City Foundry, Ore. City, Ore.
Ore. City Mfg. Co., blankets, robes, Ore. City, Ore.
Ore. Fisheries Co., canners, Bay City, Ore.
Ore. Iron & Steel Co., Concord Bldg., Portland, Ore.
Ore. Lumber Co., Denver, Colo., & Ogden, Utah.
Ore. Packing Co., canned goods, Portland, Ore.
Ore. Portland Cement Co., Oswego, Ore.
Ore. Sheet Metal Works, Portland, Ore.
Ore. Ship Timber Mills, Linnton, Ore.
Ore. State Agricultural Coll., Corvallis, Ore.
Ore.-Washington Lumber & Mfg. Co., Seattle, Wash.
Ore. Woodenware Mfg. Co., Portland, Ore.
Oregonia Bridge Co., Lebanon, O.
O'Reilly Contrg. Co. See Flaherty, E. J. Contracting Co., (successors)
O'Reilly Lumber Co., 1937½ N. B'way, St. Louis, Mo.
O'Reilly, M. J., natural gas burners, 364 Md., Buffalo, N. Y.
Orenoco Furn. Co., Dept. H., Columbus, Ohio
Orestes Drain Tile Co., Orestes, Ind.
Orford Soap Co., Manchester, Conn.
Organ Blowing Engineering Co., motors, Fond du Lac, Wis.
Organ & Stohr, contractors, Everett, Wash.
Organic Products Corp., betha naphtol, Schenectady, N. Y.
Organic Salt & Acid Co., Inc., salicylate sodium, Vernon & Nott av, L. I. City, N. Y.
Orgill Bros. & Co., whosale hardware, Memphis, Tenn.
Orgler Envelope Co., 66 Duane, New York.
Oriel Cabinet Co., Grand Rapids, Mich.
Oriel Glass Co., 722 Chestnut, St. Louis, Mo.
Orient Coke Co., Uniontown, Pa.
Orient Milling Co., flour, Chillicothe, Tex.
Oriental Emery Co., New Haven, Conn.
Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.
Oriental Lumber Co., Oriental, N. C.
Oriental Rouge Co., buffing compositions & metal polish, Bridgeport, Conn.
Oriental Textile Mills, press cloths & mats, etc., Houston, Tex. & 50 Church, New York
Oriental Varnish Wks., 979 Franklin av, Brooklyn, N. Y.
Original Gas Engine Co., Lansing, Mich.
Original Mfg. Co., toys, games, etc., Greenville, Mich.
Originator Mfg. Co., coffee & peanut roasters, 302 B'way, New York.
O'Riorden, P., contractor, 1 Waverly Blk., Boston, Mass.
Orinoco Furn. Co., Dept. H, Columbus, Ohio.
Orinoco Supply Co., bldrs.' supplies, Winston-Salem, N. C.
Oriskany Malleable Iron Co. (Ltd.), fndrs., Oriskany, N. Y.
Orleans Bobbin Works, Newport, Vt.
Orleans County Canning Co., Barre Center, N. Y.
Orleans County Quarry Co., stone producers, Albion, N. Y.
Orleans Demolishing & Supply Co., bldrs.' mtls, 411 W. Rampart, New Orleans, La.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orleans Mfg. Co., coffins, Girod & St. Peters, New Orleans, La.
Orleans Metal Bed Co. (Ltd.), 518 City Park, New Orleans, La.
Orleans Sand Stone Co., Syracuse and Holley, N. Y.
Orleans Steel Products Co., Inc., roofing & sheet metal products, 1021 Bienville, New Orleans, La.
Orman Lumber Co., Lancaster, O.
Orman-Partee Saddlery Co., Nashville, Tenn.
Orme-McMahon-Thompson Co., masons' & bldrs.' matls., Cambridge, Ohio.
Orme's, Hy., Sons, mchsts & fndrs., St. Paul, Minn.
Ormsby, E. A., & Sons, ventilating apparatus, Melrose Sta., Boston, Mass.
Ornamental Art Metal Works, 50 Church, New York.
Ornamental Fdry. Co., Anniston, Ala.
Ornamental Iron & Wire Works, 90 W. Woodbridge, Detroit, Mich.
Ornamental Iron Works Co., Akron, Ohio.
Ornamental Lighting Pole Co., 114 Liberty, New York.
Ornamental Products Co., classic wood carvers, 14th & Lafayette, Detroit, Mich.
Ornamental Wire & Iron Co., Elliott & University, St. Louis, Mo.
Ornamental Woodworking Co., mantels, Springfield, Mass.
Ornate Mfg. Co., portables, 110 W. 34th, New York.
Orndorff & Cheney, flour mills, Adairville, Ky.
Orndroff, M. M., lime mfrs., Oranda, Va .
Orndorff, O. F., agricultural implements, Council Bluffs, Ia.
Orne & Lawrence, contractors, 39 Court, Boston, Mass.
Orner, J. W., contractor, Altoona, Pa.
Oro Grande Lime & Stone Co. Works, Halleck, Cal.
Orofino Portland Cement Co., Spokane, Wash.
Orona Mfg. Co. See Orona Sales Co. (successors)
Orona Sales Co., metal polish & soap, 29 India, Boston, Mass.
Orono Pulp & Paper Co., Bangor, Me.
Oronogo Machy. Co., Oronogo, Mo.
O'Rourke & Briscre, J., Sons, Architects' Bldg., Newark, N. J.
O'Rourke Bros., stone, Salem, Mass.
O'Rourke Crane & Engineering Co., derricks, 366 5th av, New York.
O'Rourke Engineering Constr. Co., 17 Battery pl., New York, & Weehawken, N. J.
O'Rourke, J. O., & Sons., architects, 31 Clinton, Newark, N. J.
O'Rourke, J. P., heating contractors, Prosser, Wash.
O'Rourke, John, contractor, White Plains, N. Y.
O'Rourke, John H., Co., contractors, 264 39th, Brooklyn, N. Y.
Oroville Dredging, Ltd., 25 Broad, New York.
Orpin Bros., desk mfrs., Charlestown, Boston, Mass.
Orr & Booth, architects, Meriden, Conn.
Orr Bros. Supply Co., mill & facty. supplies, Cedar Rapids, Ia.
Orr, C. F., & Co., uniforms, 209 S. State, Chicago, Ill.
Orr Chem. Co., Inc., valeric acid, etc., Val, Newark, N. J.
Orr Cotton Mills, sheetings, Anderson, S. C.
Orr & del Grella, architects, 956 Chapel, New Haven, Conn.
Orr Felt & Blanket Co., Piqua, Ohio.
Orr, Fred J., architect, Athens, Ga.
Orr, Galen & Co., hardware manufacturers, Needham, Mass.
Orr Iron Co., who. hdwe., mill & facty. supplies, etc., Evansville, Ind.
Orr, J. B., contr., Miami, Fla.
Orr, J. C., & Co., sash, door, lbr., etc., mfrs., West & Java, Brooklyn, N. Y.
Orr, J. C., & Son, contrs., Altoona, Pa.
Orr, Jas. W., contractor, 6618 Torresdale av., Philadelphia, Pa.
Orr & Jennings, machsts., Portland, Me.
Orr, Jno. F., architect, Cambridge, O.
Orr Mach. Guarding Co., Trenton, N. J.
Orr & Sembower, engines & boiler mfrs., Reading, Pa.
Orr, Ulyses G., architect, 30 Norwood av, Buffalo, N. Y.
Orr, Wm. L., packing box mfr., 1609 S. 19th, Philadelphia, Pa.
Orrock Carriage Co., Denver, Colo.
Orrtanna Canning Co., Orrtanna, Pa.
Orrville Bedding Co., Orrville, O.
Orrville Milling Co., Orrville, O.
Orschel, H. M., Co., mill & factory supplies, Omaha, Neb.
Orsenigo Co., Inc., furniture, Dept. H, Skillman av & Rawson, Long Island City, N. Y.
Orswell Igniter Co., 95 Milk, Boston, Mass.
Ort, A. John, architect, 70 W. Chippewa, Buffalo, N. Y.
Ort & Lang, wagon spokes, Vanceburg, Ky.
Ortega, E. C., canned goods, 602 Santa Fe av, Los Angeles, Cal.
Orth, Adam J., Co., cornices, 170 Hastings, Detroit, Mich.
Orth, Frank, contractor, Indiana Harbor, Ind.
Orth, Geo. S., & Bros., architects, Union Arcade, Pittsburgh, Pa.
Ortli, Chas. F., cornices & skylights, 2510 Barber av, S. W., Cleveland, Ohio.
Ortman, F. A., common brick, Cullum, Ill.
Ortman, F. C., stone producers, 1099 Wabash, Detroit, Mich.
Ortman Motor Co., autos, tractors, airplanes & auto accessories, Washington Court House, Ohio
Ortmann, A., & Son, advtg. nov. & spec., 2340 3d av, New York.
Ortner, Geo. J., mach. & fndr., Pueblo, Colo.
Ortner, Jno. E., & Co., silver nov., 481 Washington, Newark, N. J.
Ortner, Jos. J., dumb waiters, 481 Washington, Newark, N. J.
Orton Machine Co., 315 Fremont, San Francisco, Cal.
Orton & Steinbrenner Co., mchsts., 610 S. Dearborn, Chicago, Ill.
Orum, Morris L., machinist, 503 N. 11th, Philadelphia, Pa.
Orvis, Chas. F., Co., fishing bait, reels & rods, Manchester, Vt.
Orwich, Sherman, lumber, Wattsville, Ohio.
Orwiler & Armstrong, sashes, doors & blinds, Nevada, Ohio.
Osada Sheet Metal & Wood Works, closet seats, 1422 S. Front, Philadelphia, Pa.
Osage Coal & Mining Co., McAlester, Okla.
Osage Fdry. & Mach. Co., Bartlesville, Okla.
Osage Mfg. Co., cotton sheetings, Bessemer City, N. C.
Osakis Milling Co., flour, Osakis, Minn.
Osann, Fred, Co., special sewing mchy., etc., 245 7th av, New York.
O. & S. Bearing Co., ball bearings, 526 Clay av, Detroit, Mich.
Osborn, C. D., Co., leather gloves, 2201 Wabansia av, Chicago, Ill.
Osborn, C. J., Co., color mfrs. & imprtrs., 132 Nassau, New York.
Osborn-Crew Mfg Co., cleaners, dressers, 1628 E. 39th, Cleveland, Ohio.
Osborn, D. M., Machy. Dlrs. Co., Cleveland, Ohio.
Osborn, Edw. F., architect, Pantages Bldg., Seattle, Wash.
Osborn Engineering Co., 2848 Prospect av, Cleveland, Ohio.
Osborn, F. C., mchst. & fndr., 64 Lawrence av, Detroit, Mich.
Osborn, H. A., canned goods, Havre de Grace, Md.
Osborn, Harris, architect, Hearst Bldg., San Francisco, Cal.
Osborn, J. H., Lumber Co., Humboldt, Kans.
Osborn, J. K., Mfg. Co., brass fndrs., Harrison, N. J.
Osborn, J. M. & L. A., Co., tin plate, metals, etc., Cleveland, O.
Osborn Lumber Co., Osborn, Ohio.
Osborn Machine Co., Dubois, Pa.
Osborn Mfg. Co., fndry. supplies, brushes, etc., 5401 Hamilton av, Cleveland, O.
Osborn Mfg. Co., animal cages, 675 Hudson, New York.
Osborn Paper Co., pads & tablets, Marion, Ind.
Osborn & Son, masons' & bldrs.' matls., Monticello, N. Y.
Osborne & Stephenson Mfg. Co., see Newton Mfg. Co., successors
Osborn, W. B., Machy. Co., Clarksburg, W. Va.
Osborn, W. H., Co., canned goods, Honeoye Falls, N. Y.
Osborn, W. W., & Son, contrs., Mariners Harbor, N. Y.
Osborn & Whitney, canned goods, Rush, N. Y.
Osborne, A. C., masons' & bldrs.' matls., Danbury, Conn.
Osborne, C. C., Lumber Co., Parksville, S. C.
Osborne, C. S., & Co., harness makers' tools, presses, etc., Box 183 Newark, N. Y. *See adv index at end of book*
Osborne, C. S., & Co., harness makers' tools, presses, etc., Harrison, N. J. *See adv. index at end of book.*
Osborne & Clark, flooring, 300 Lbr. Ex., Minneapolis, Minn.
Osborne Co., advtg. nov. & spec., 759 Summer av, Newark, N. J.
Osborne, E. J., architect, Balboa Bldg., San Francisco, Cal.
Osborne, Edwin, contractor, Franklin, Pa.
Osborne & Flinkers, sash, door & blind, 10217 Berea rd, N. W., Cleveland, Ohio.
Osborne, Geo. H., brass castings, New Britain, Conn.
Osborne, H. A., & Son, contrs., Danville, Va.
Osborne & Marsellis Co., contractors, Montclair, N. J.
Osborne & Sexton Machinery Co., 4th & Russell, Columbus, Ohio.
Osborne & Stephenson Mfg. Co., screw mach. products, Plainville, Conn.
Osborne, W., & Co., tacks, Lakeville, Mass.
Osborne, Wm., sweaters, etc., 1118 W. Montgomery av, Philadelphia, Pa.
Osborne, William L., common brick, Leominster, Mass.

Osborn's, J. F., Sons, machsts. & fndrs., & mill & factory supplies, Clarksburg, W. Va.
Oscawane Bldg. Co., 101 Park av, New York.
Osceola Cotton Oil Co., Osceola, Ark.
Osceola Cypress Co., lbr. mfrs., Bridge End, Fla.
Osceola Fertilizer Co., Jacksonville, Fla.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Oschwald Brick Wks., Cliffwood, N. J.
Oschwald Bros., contractors, 845 Broad, Newark, N. J.
Osgood & Blodgett Mfg. Co., interior finish mfrs., Duluth av & E. 7th, St. Paul, Minn.
Osgood Co., steam shovels, dredging machy., etc., Marion, Ohio.
Osgood Construction Co., Nashua, N. H.
Osgood, David J., Co., contractors, 220 W. Elizabeth, Detroit, Mich.
Osgood, E. B., masons' & bldrs.' matls., Claremont, N. H.
Osgood, H. H., & Co., weather strips, 4 Washington, N., Boston, Mass.
Osgood, J. L., mill supplies, 45 Pearl, Buffalo, N. Y.
Osgood, J. L., Tool Co., Buffalo, N. Y.
Osgood Lime Stone Co., Osgood, Ind.
Osgood Scale Co., 1 Starr av, Binghamton, N. Y.
Osgood, Sidney J., architect, New Herald Bldg., Grand Rapids, Mich.
Osgood, David J., contrs, Dept. H, Elizabeth & Third, Detroit, Mich.
O'Shea, W. L. & G. H., contractors, 29 B'way, New York.
O'Shea, Wm., & Son, contrs., 526 Ridgewood av, Minneapolis, Minn.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Oshkosh Bottle Wrapper Co., packing matl., bottle wrappers, furniture pads, etc., Oshkosh, Wis.
Oshkosh Excelsior Mfg. Co., excelsior, wood wool, Oshkosh, Wis.
Oshkosh Mfg. Co., concrete mixers, hookaroons & wire reels, Oshkosh, Wis.
Oshkosh Trunk Co., Oshkosh, Wis.
Osiason, J., mattresses, Fall River, Mass.
Oskamp, Nolting Co., silver novelties, 30 W. 7th, Cincinnati, Ohio.
Osmundson Spade Mfg. Co., Perry, Ia.
O-So Ezy Prodts Co., mops & polishers, 58 E Washington, Chicago, Ill.
Oso Shingle Co., Oso, Wash.
Ostdiek, H. B., common brick, Ottumwa, Ia.
Ostenberg, Chas., sash, door & blind mfrs., Okanogan, Wash.
Ostendorf, W. G., wood mantels, 2923 N. Broad, Phila., Pa.
Oster Bros., carriages, 1418 Frenchmen, New Orleans, La.
Oster Mfg. Co., pipe cutting & threading tools, 2057 E. 61st pl, Cleveland, Ohio.
Ostergren, Robert C., architect, 155 N. Clark, Chicago, Ill.
Ostergren, Sam'l, cornices & skylights, 725 3d av, Bklyn, N. Y.
Osterhage, Louis H., & Sutton, Byrant, architects, Vincennes, Ind.
Osterhoudt, P. C., & Co., contractors, Kingston, N. Y.
Osterlind Printing Press & Mfg. Co., bag printing machinery, St. Paul, Minn.
Osterling, F. J., architect, 228 Isabella, Pittsburgh, Pa.
Osterman, Henry, architect, Walla Walla, Wash.
Osterman, H. G., Co., wall pockets, 29 B'way, New York.
Ostermoor & Co., mattresses & bedstead mfrs., 116 Elizabeth, New York.
Osterstock, J. S., & Co., hdwe., Easton, Pa.
Ostheimer, Wm. H., steam & hot water htg. contr., 385 7th av, Brooklyn, N. Y.
Ostholthoff & Braukmann, carriages, 42 W. McMicken av, Cincinnati, Ohio.
Ostlind, Benjamin, architect, Marshfield, Ore.
Ostling, Andrew, contractor, Sioux City, La.
Ostrander Fire Brick Co., Troy, N. Y.
Ostrander R'y & Timber Co., lumber, Ostrander, Wash.
Ostrander-Seymour Co., machinists, 7 S. Dearborn, Chicago, Ill.
Ostrander, W. R. & Co., battery holders, alarms, electric spec., etc., 371 B'way, New York
O'Sullivan, Jas., & Son Co., contractors, Port Huron, Mich.
O'Sullivan, M. F., contractor, 145 Oak, Toledo, Ohio.
O'Sullivan Rubber Co., 131 Hudson, New York.
Oswald Bros., contrs., 356 S. B'way, Los Angeles, Cal.
Oswald Bros., masons' & bldrs.' matls., Weston, Ohio.
Oswald, Fridolin, architect, Main, Alhambra, Ill.
Oswald, J. G., contr., Mokena, Ill.
Oswald Sylvester, architect, Brumder bldg, Milwaukee, Wis.
Oswayo Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Oswego Milling Co., mixed feed, Oswego, Kan.
Oswego Preserving Co., canned goods, Oswego, N. Y.
Oswego River Paper Mills, Phoenix, N. Y.
Oswego Shade Cloth Co., Oswego, N. Y.
Oswego Tool Co., Oswego, N. Y.
Other, J. C., Art Glass Co., 312 N. 17th, St. Louis, Mo.
Otis Bed Mfg. Co., 170 Florida, Buffalo, N. Y.
Otis Boiler Co., Inc., automobile car heating & vaporizing boilers, 335 W. 1st, Oswego, N. Y. *See adv. index at end of book.*
Otis Cement Construction Co., Hammond Bldg., Detroit, Mich.
Otis Elevator Co., 26th & 11th av., New York
Otis, H. F., contractor, 488 Clermont av, Brooklyn, N. Y.
Otis, J. W., contractor, Antigo, Wis.
Otis Mach. Wks., Rochester, N. Y.
Otis Mfg. Co., lumber, Octavie & River, New Orleans, La.
Otis, Samuel S., architect, 6 N Michigan av, Chicago, Ill.
Otis Steel Co., Leader-News Bldg., Cleveland, Ohio
Otis, Wm. A., architect, 6 N Michigan av, Chicago, Ill.
Otisco Canning Co., Otisco, Ind.
Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.
Otoe Food Products Co., canned goods, Nebraska City, Neb.
O'Toole Bros., cornices & skylights, Clinton, Mass.
Otsego Furniture Co., filing cabinets & devices, Otsego, Mich.
Otselic Mfg. Co., poultry coops, Whitney Point, N. Y.
Ott Benj., & Sons Co., machsts. & fndrs., La Crosse, Wis.
Ott Bros., crushed stone, Lancaster, N. Y.
Ott Geo. F., Co., founders, 209 Buttonwood, Philadelphia, Pa.
Ott Grinder Co., cylinder inter. & universal grinder, Indianapolis, Ind.
Ott-Heiskell Hardware Co., wholesale, Wheeling, W. Va.
Ott L. W., Mfg. Co., revolving chairs, Indianapolis, Ind.
Ott Matthew, & Co., contractors, 414 Warrington, Pittsb'g, Pa.
Ottawa Furn Co., Dept. H, Holland, Mich.
Ottawa Mfg. Co., oil engines, Ottawa, Kan.
Ottawa Silica Co., silica sand, Ottawa, Ill.
Ottawa Tile Co., brick, Ottawa, Ohio.
Ottaway Alfalfa Milling Co., Wichita, Kan.
Ottemiller, Wm. H., Co., screws, M. & P. R. R. & Pattison, York, Pa.
Ottenheimer Bros., butchers' supplies, 415H N Howard, Baltimore, Md.
Otter Creek Boom & Lbr. Co., Hambleton, W. Va., & Witherspoon Bldg., Philadelphia, Pa.
Otter Lake Brick & Tile Co., Otter Lake, Mich.
Otter Mfg. Co., Inc., screws, machine products, 243 W. 17th, New York.
Otter River Board Co., Otter River, Mass.
Otter River Brick Co., Otter River, Mass.
Otterson, Auto Educator Co., Springfield, Ohio
Ottman, Millard, lumber mfr., Central Bridge, N. Y.
Ottermiller, W. H. Co., cap screws, York, Pa.
Otto, Albert T., & Sons, automobile bldrs., 101 Park av, New York.
Otto, Carl L., architect, 15 Park row, New York
Otto Chemical Co., Williamsport, Pa.
Otto Coking Co., Inc., coke plant construction, 6 Church, New York.
Otto, E. O. E., contr., Oconomowoc, Wis.
Otto Engine Mfg. Co., 33rd & Walnut, Philadelphia, Pa.
Otto, Geo. F., contractor, Savannah, Ga.
Otto, Henry G., architect, 156 5th av., New York
Otto, J. C., contr., East St. Louis, Ill.
Otto & Scherf, machinists, Springfield, Ill.
Otto, Wm. H., Metal Goods Corp., kerosene burners & stoves & screw mach. prod., furnaces & torches, St. Pauls av, Jersey City, N. J.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Bridge Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Ottumwa Lime & Cement Co., Ottumwa, Ia.
Ottumwa Mill & Construction Co., Ottumwa, Ia.
Ottumwa Supply & Construction Co., Ottumwa, Ia.
Otwell, W. C., & Co., brooms, Linn, Kans.
Ouderkirk, Thomas A., architect, Alpena, Mich.
Ouerbagh, Cameron, hangers, 231 N. Wells, Chicago, Ill.
Ouray Hdwe. & Supply Co., mill & factory supps., Ouray, Colo.
Outagamie Paper Co., Kaukauna, Wis.
Outcalt, D. D. A., architect, Tacoma Bldg., Tacoma, Wash.
Outcalt, Ramsey, architect, 151 E. Broad, Columbus, Ohio
Outlet Cutter Sales Corp., pipe threading machines, stocks & dies, 162 W. 34th, New York.
Outlook Co., windshield cleaners, 5510 Euclid av, Cleveland, Ohio.
Oval & Koster, canners' labels, Indianapolis, Ind.
Oval Oak Mfg. Co., plow handles, Siler City, N. C.
Oval Wood Dish Corp., Tupper Lake, N. Y.
Oven Equipment & Mfg. Co., New Haven, Conn.
See adv index at end of book
Ovenden, W. C., machinist, West Boylston, Mass.
Over, Ewald, founder, Indianapolis, Ind.
Overbagh & Ayres Mfg. Co., reflectors, shades, etc., 411 S. Clinton, Chicago, Ill.
Overbaugh-Camp Co., masons' & bldrs.' matls., Morris Dock, New York.
Overbeck, H. A., architect, Juanita Bldg., Dallas, Tex.
Overbeck, J. Ed., architect, Wilson Bldg., Dallas, Tex.
Overdorf, Wm. H., architect, Dubois, Pa.
Overdorff, Edmund, contractor, Johnstown, Pa.
Overhead Kitchen Clothes Dryer Co., 471 W. 145th, New York.
Overholt Co., mitre boxes, saw guides, Galesburg, Ill.
Overholt Mach. Co., machinist, Seville, Ohio.
Overland Cement Plaster Co., Laramie, Wyo.
Overland Mfg. Co., manicure files, 71 W. 23d, New York.
Overly, W. F., cornices, Greensburg, Pa.
Overman Cushion Tire Co., 250 W. 54th, New York.
Overpack, S. C., logging wheels & carts, Manistee, Mich.
Overson, Julius, & Co., contrs., Sioux City, Ia.
Overstreet, N. W., architect, Jackson, Miss.
Overstrom Mfg. Co., see Bunting Iron Works (successors)
Overton, D. D., lbr., Greenville, N. C.
Overton Lumber Co., McMillin, Wash.
Overturf, C. W., concrete machy., Dumont, Ia.
Owatonna Canning Co., Owatonna, Minn.
Owatonna Fanning Mill Co., Owatonna, Minn.
Owatonna Mfg. Co., agricultural implements, Owatonna, Minn.
Owego Bridge Corp., steel struct. wk., Syracuse, N. Y.
Owen-Arnold Co., caskets, etc., Allegan, Mich.
Owen Bros., carriages, Lima, Ohio.
Owen Bucket Co., Rockefeller Bldg., Cleveland, Ohio.
Owen Canning Co., Owen, Wis.
Owen China Co., Minerva, Ohio.
Owen, Geo., naval architect, Newton, Boston, Mass.
Owen, J. D. & E. G., lightning rods, Janesville, Wis.
Owen, John S., Lumber Co., Owen, Wis.
Owen, T. G., machst., Newport, R. I.
Owen Tire & Rubber Co., Bedford, O.
Owen, W. C., architect, Jackson, Tenn.
Owens, A. H., & Bro., canned goods, Perryville, Md.
Owens, B. W., Lumber Co., Fort Worth, Tex.
Owens Bottle Co., bottle machines & bottle mfrs., Toledo, O.
Owens Construction Co., Mobile, Ala.
Owens, H. W., architect, Xenia, Ohio.
Owens, J. A., machinist, Belle Plaine, Kans.
Owens, J. B., Floor & Wall Tile Co., Zanesville, Ohio.
Owens, J. L., & Co., agricultural implements, Fulton & S. E. Huron, Minneapolis, Minn.
Owens, John, & Co., packing box, Haverhill, Mass.
Owens, John D., & Son Co., lime mfrs., Owens, Ohio.
Owens, John, & Son, contractors, East St. Louis, Ill.
Owens, M. R., contractor, 308 Longworth, Cincinnati, Ohio.
Owens', Owen W., Sons, sea green roofing slate, Granville, N. Y.
Owens & Sisco, architects, Continental Bldg, Baltimore, Md.
Owensboro Buggy Co., carriages, Owensboro, Ky.
Owensboro Canning Co., Owensboro, Ky.
Owensboro Ditcher & Grader Co., mfrs. of road machy., Owensboro, Ky.
Owensboro Forging Co., Owensboro, Ky.
Owensboro Planing Mill Co., lumber, Owensboro, Ky.
Owensboro Sewer Pipe Co., Owensboro, Ky.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Owensboro Wagon Co., Owensboro, Ky.

Owensboro Wheel Co., Owensboro, Ky.
Owings, Thomas B., architect, 347 N. Charles, Baltimore, Md.
Owl Bayou Cypress Co., lumber mfrs., Cincinnati, Ohio.
Owl Creek Coal Co., Gebo, Wyo.
Owosso Boiler Works, Owosso, Mich.
Owosso Canning Co., Owosso, Mich.
Owosso Casket Co., Owosso, Mich.
Owosso Mfg. Co., crates, Owosso, Mich.
Owosso Mfg. Co., screens, Benton, Ark.
Owosso Sugar Co., Owosso, Mich.
Owren Castings Co., brass, bronze & aluminum castings, Attleboro, Mass.
Owsley, Burt T., contractor, 119 Jessie, San Francisco, Cal.
Owsley, C. F., architects, Mahoning Nat. Bk. Bldg., Youngstown, Ohio
Ox Fibre Brush Co., brush mfrs., Frederick, Md.
Oxford Buggy Co., Oxford, N. C.
Oxford Cotton Mills, Oxford, N. C.
Oxford, J. E., contractor, 310 Hemphill av, Atlanta, Ga.
Oxford Oil Co., Oxford, Ala.
Oxford Packing Works, fertilizer mfrs., Oxford, Pa.
Oxford Paper Co., 200 5th av, New York.
Oxford Plush Mills, Front & Oxford, Philadelphia, Pa.
Oxidite Mfg. Co., casein, dry colors, Irish moss, paints & whiting, Arlington, Mass.
Oxman & Son, contrs., Ironwood, Mich.
Oxweld Acetylene Co., 640 Frelinghuysen av, Newark, N. J.
Oxy-Acetylene Appliance Co., welding & cutting apparatus, Jersey City, N. J.
Oxy-Acetylene Equip't. Co., welding apparatus, 31 West 125th, New York.
Oxyozon Disinfecting Co., 410 W. 13th, New York.
Oyen Advtg. Sign System, La Crosse, Wis.
Oyen, O. O., contractor, 718 S. 4th, Minneapolis, Minn.
Oyler Carriage Co., 120 N. 2d, St. Louis, Mo.
Oyster, L. A., machst. & fndr., Savana, Ill.
Ozan, Graysonia Lbr. Co., Graysonia, Ark.
Ozan Lumber Co., Prescott, Ark.
Ozark Cooperage & Lumber Co., International Life Bldg., St. Louis, Mo.
Ozark Elec. Co., egg testers, Aurora, Mo.
Ozark Land & Lumber Co., Winona, Mo.
Ozark Mfg. Co., boiler compounder, 9861 Lorain av, Cleveland, Ohio.
Ozark Smelting & Mining Co., 601 Canal rd, Cleveland, Ohio.
Ozark White Lime Co., Fayetteville, Ark.
Ozee, J. S., Sr., contractor, Mattoon, Ill.
Ozone Lumber Co., Ltd., Talisheek, La.
Ozone Pure Airfier Co., 1401 W. Jackson bl, Clicago, Ill.
Paalman Furn. Co., Dept. H, Grand Rapids, Mich.
Paape, W. O., contr., Lake Forest, Ill.
Paaschke Air Brush Co., 1249 W Washington blvd, Chicago, Ill.
Pabst Brewing Co, 917 Chestnut, Milwaukee, Wis.
Pabst Schaller, mattresses, 111 E. 112th, Cincinnati, Ohio.
Paca Glass Co., homeopathic vials, 225 N. Frederich, Balto., Md.
Pace Bros., contractors, Engineers Bldg., Cleveland, Ohio.
Pace Bros. & Sons, crockery, Roseville, Ohio.
Pace Lbr. Co., Jackson, Texas.
Pace, S. E., architect, Covington, Va.
Pace, W. H., lumber, Athens, La.
Pacetti's, E. C., Sons, cornices & skylights, Savannah, Ga.
Pacific Aero Products Co., Seattle, Wash.
Pacific-American Fisheries, canners, So. Bellingham, Wash.
Pacific Ammonia & Chemical Co., Seattle, Wash.
Pacific Blower & Htg. Co., 224 5th, San Francisco, Cal.
Pacific Bone, Coal & Fertilizing Co., 519 California, San Francisco, Cal.
Pacific Box Co., packing mfrs., Tacoma, Wash.
Pacific Box Factory, Beach, nr. Mason, San Francisco, Cal.
Pacific Brass & Bronze Fdry., 528 Folsom, San Francisco, Cal.
Pacific Brass & Hardware Mfg. Co., 1646 N. Spring, Los Angeles, Cal.
Pacific Bridge Co., ft. of E. Salamon, Portland, Ore.
PACIFIC BUILDER & ENGINEER, trade publication, Seattle, Wash.
See adv. index at end of book.
Pacific Bldg. Matls. Co., 523 Market, San Francisco, Cal.
Pacific Car & Fdry. Co., logging & railroad equipt., Seattle, Wash.
Pacific Carbonator Co., machy., 133 W. 24th, New York.
Pacific Carbonic Gas Co., ft. 6th av, Oakland, Cal.
Pacific Casket Co., 715 S. Johnson, Los Angeles, Cal.
Pacific Coast Beef & Provision Co., oils, Los Angeles, Cal.
Pacific Coast Borax Co., Oakland, Cal.
Pacific Coast Canning Co., Oakland, Cal.
Pacific Coast Coal Co., Smith bldg., Seattle, Wash.
Pacific Coast Concrete Co., 210 W. 7th, Los Angeles, Cal.
Pacific Coast Condensed Milk Co., Berlin, Wis.
Pacific Coast Dispatch, tank cars leased, Philadelphia Bldg., San Francisco, Cal.
Pacific Coast Dredging & Reclamation Co., 112 Market, San Francisco, Cal.
Pacific Coast Envelope Co., 400 2nd, San Francisco, Cal.
Pacific Coast Glass Works, bottles, 7th & Irwin, San Francisco, Cal.
Pacific Coast Gypsum Co., wall plaster mfrs., Tacoma, Wash.
Pacific Coast Lumber & Mill Co., Oakland, Cal.
Pacific Coast Mfg. Co., machsts., Los Angeles, Cal.
Pacific Coast Merchant, trade journal, 423 Sacto, San Francisco, Cal.
Pacific Coast Pipe Co., wood, Seattle, Wash.
Pacific Coast Planing Mill Co., sash, door & blind, 3310 S. Main, Los Angeles, Cal.
Pacific Coast Point Corp., 1111 11th, Oakland, Cal.
Pacific Coast Pole Co., ties, poles, etc., Spokane, Wash.
Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.
Pacific Coast Shipbuilding Co., 1st Natl. Bank bldg., San Francisco, Cal.
Pacific Coast Steel Co., Rialto Bldg., San Francisco, Cal.
Pacific Coast Syrup Co., canned goods, San Francisco, Cal.
Pacific Coast Testing Laboratory, Seattle, Wash.
Pacific Construction Co., 16 California, San Francisco, Cal.
Pacific Copper Works, 85 Minna., San Francisco, Cal.
Pacific Creamery Co., canned goods, Tempe, Ariz.
Pacific Creosoting Co., Seattle, Wash.
Pacific Door & Mfg. Co., Seattle, Wash.
Pacific Elec. Mfg. Co., enclosed fuses, circuit breakers, switches, 827 Folsom, San Francisco, Cal.
Pacific Elec. Ry Co., machsts. & fndrs., Los Angeles, Cal.
Pacific Elec. Welder Mfg. Co., welding mach., Seattle, Wash.
Pacific Engineering & Construction Co., 544 Market, San Francisco, Cal.
Pacific Export Lumber Co., Portland, Ore.
Pacific Fence Constr. Co., 423 Market, San Francisco, Cal.
Pacific Fir Co., lumber mfrs.—ties, poles & posts, Seattle, Wash.
Pacific Fire Extinguisher Co., automatic fire sprinklers, 507 Montgomery, San Francisco, Cal.
Pacific Fish Co., canned goods, 112 Market, San Francisco, Cal.
Pacific Fisheries & Packing Co., Aberdeen, Wash.
Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Pacific Gas & Elec. Co., Sacramento, Cal.
Pacific Gear & Tool Works, 1055 Folsom, San Francisco, Cal.
Pacific Glass & Paint Co., Tacoma, Wash.
Pacific Guano & Fertilizer Co., 343 Sansome, San Francisco, Cal.
Pacific Hardware Co., Everett, Wash.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Pacific Iron Works, freight elevators, Spokane, Wash.
Pacific Iron & Steel Co., Inc., jobbing mfrs. of heavy sheet steel wk., 2637 Humboldt, Los Angeles, Cal.
Pacific Knitting Mills, gloves & mittens, Seattle, Wash., & Los Angeles, Cal.
Pacific Lime & Plaster Co., San Francisco, Cal.
Pacific Lock Joint Pipe Co., sewer, Seattle, Wash.
Pacific Lubricating Co., oils & greases, Seattle, Wash.
Pacific Lumber Agency, Aberdeen, Wash.
Pacific Lumber Co., Hobart Bldg., San Francisco, Cal.
Pacific Mfg. Co., sashes, doors & blinds, Santa Clara, Cal.
Pacific Manure & Fertilizer Co., 429 Davis, San Francisco, Cal.
Pacific Metal Products Co., Torrance, Cal.
Pacific Metal Works, babbit metal, Portland, Ore.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Pacific Mill & Mine Supply Co., 616 Mission, San Francisco, Cal.
Pacific Mill & Timber Co., lumber mfrs., Portland, Ore.
Pacific Milling Co., cereal foods, 74 Langton, San Francisco, Cal.
Pacific Mills, cotton sheetings, Lawrence, Mass.
Pacific Mutual Door Co., porch columns, Tacoma, Wash.
Pacific National Lumber Co., Tacoma, Wash.
Pacific Nov. Co., manicure sets & hand mirrors, hair pins, etc., 41 E. 11th, New York.
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Pacific Ornamental Iron Co., Seattle, Wash.
Pacific Paper Co., Portland, Ore.
Pacific Pea Packing Co., Eau Claire, Wis.
Pacific Pennant & Novelty Co., Los Angeles, Cal.
Pacific Pipe & Supp. Co., mill & facty. supp., 1002 Santa Fe, Los Angeles, Cal.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Pacific Portable Construction Co., cottages, Boyle av, Los Angeles, Cal.
Pacific-Portland Cement Cons'd. Co., Pacific Bldg., San Francisco, Cal.
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Pacific Pumping Co., 350 Battery, San Francisco, Cal.
Pacific Refining & Roofing Co., see Vulcanite Roofing Co. (successors,),
Pacific Rolling Mill Co., 17th & Mississippi, San Francisco, Cal.
Pacific Sanitary Mfg. Co., water closets, plbrs. supp., 67 New Montgomery, San Francisco, Cal.
Pacific Sash & Door Co., 3310 S. Main, Los Angeles, Cal.
Pacific Sewer Pipe Co., Los Angeles, Cal.
Pacific Shade Cloth Co., Oakland, Cal.
Pacific Shingle Co., see Leybold-Smith Shingle Co. (successors).
Pacific Ship Yards & Ways Co., 24 California, San Francisco, Cal.
Pacific Spring Bed Co., Berkeley, Cal.
Pacific States Casket Co., 235 9th, San Francisco, Cal.
Pacific States Constr. Co., Ry. Exchange bldg., Seattle, Wash.
Pacific States Lumber Co., Tacoma, Wash.
Pacific States Refineries, petroleum, 110 Sutter, San Francisco, Cal.
Pacific Steel Furn. Mfg. Co., spring beds, Seattle, Wash.
Pacific Structural Iron Works, 370 10th, San Francisco, Cal.
Pacific Surety Company, 341 Montgomery, San Francisco, Cal.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Pacific Tank & Pipe Co., wood stave tanks, 318 Market, San Francisco, Cal.
Pacific Tea Packing Co., Oakland, Cal.
Pacific Tent & Awning Co., Fresno, Cal.
Pacific Timber Co., lumber, Everett, Wash.
Pacific Tool & Supply Co., owned by Berger & Carler Co., Fremont & Mission, San Francisco, Cal. Branch Offices: 110 Market, Los Angeles, Cal.; Portland, Ore., and Seattle, Wash.
Pacific Trunk & Bag Co., 533 Market, San Francisco, Cal.
Pacific Tuna Canning Co., San Diego, Cal.
Pacific Vinegar & Pickle Works, canned, 110 Market, San Francisco, Cal.
Pacific Wagon & Carriage Co., Seattle, Wash.
Pacific Wasserman Laboratories, chemists, Pacific Bldg., San Francisco, Cal.
Pacific Welding & Brazing, 503 Van Ness av, San Francisco, Cal.
Pacific Wood & Coal Co., San Diego, Cal.
Pacheo Contracting Co., Tucson, Ariz.
Pachoud, A. L., & Co., masons' & bldrs.' matls., 3459 Montgomery av, Cincinnati, Ohio.
Pachoud Bros., contractors, 1034 Kenner, Cincinnati, Ohio.
Pack, Geo. W., & Son, masons' & bldrs.' matls., Syracuse, N Y.
Package Machinery Co., machinists, Springfield, Mass.
Packages Pub. Co., Montgomery Bldg., Milwaukee, Wis.
Packard, A., & Co., paint brushes, 166 Commercial, Boston, Mass.
Packard, Allyn A., architect, 7609 Eastlake Terrace, Chicago, Ill.
Packard Electric Co., Warren, Ohio.
Packard, F. L., theatre architect, New Hayden Bldg., Columbus, Ohio.
Packard, Geo. A., metallurgical engr., 50 Congress, Boston, Mass.
Packard Hardware Co., Greenville, Pa.
Packard, J. R., steam fitters' supplies, Greenville, Pa.
Packard, J. S., Dredging Co., Turks Head Bldg., Providence, R. I.
Packard Lamp Works of G. E. Co., Warren, Ohio.
Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
Packard Piano Co., organs, Ft. Wayne, Ind.
Packard, R. G., Co., contractors, Bayonne, N. J.

Packer Auto Specialty Co., wrenches, 1420 S. Michigan, Chicago, Ill.
Packer, Jno. H., oil filters, Liberty, Mo.
Packer Mfg. Co., liquid soap, 81 Fulton, New York.
Packer & Sons, horse clipping machines, La Grange, Ill.
Packer, Thos., store trucks, Union City, Conn.
Packer, W. H., fndrs., Saddle River, N. J.
Packers Architectural & Engng. Co., 431 S. Dearborn, Chicago, Ill.
Packett Motor Car Mfg. Co., 2743 Lyndale av, S., Minneapolis, Minn.
Packham Crimper Co., Mechanicsburg, Ohio.
Packwood Northwood Glass Co., Sandwich, Mass.
Pacolet Mfg. Co., cotton sheetings, Spartanburg, S. C.
Paddock, A. N., architect, South Norwalk, Conn.
Paddock Bond & Co., contractors, 25 N. Dearborn, Chicago, Ill.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Paddock, Frank E., contractor, Memphis, N. Y.
Paddock, J. H., Co., cork mfrs., 219 36th, Brooklyn, N. Y.
Paddock Tube Paper Co., Elbridge, N. Y.
Paddock-Williamson Co., needle—talking machine, 1036 Euclid av, Cleveland, Ohio.
Paddon, Harold E., architect, 280 Madison av, New York
Paden City Pottery Co., Paden City, W. Va.
Padgett, W. H., contractor, Vicksburg, Miss.
Padgitt Bros Co., harness, saddles, etc., Dallas, Tex.
Padgitt, Tom, Co., whol. hdwe., Waco, Tex.
Paducah Box & Basket Co., Paducah, Ky.
Paducah Brick & Tile Co., Paducah, Ky.
Paducah Cooperage Co., Paducah, Ky.
Paducah Dry Dock Co., Paducah, Ky.
Paducah Iron Co., mill & factory supplies, Paducah, Ky.
Paducah Pole & Timber Co., Paducah, Ky.
Paducah Pottery Co., Paducah, Ky.
Paepcke-Leicht Lumber Co., 111 W. Washington, Chicago, Ill.
Paetz, Chas. H., mattress, St. Joseph, Mo.
Paff, Wm. A., masons' & bldrs.' matls., Wausau, Wis.
Paganetti, J. S., Co., masons' & bldrs.' matls., Mount Clemens, Mich.
Pagano, Jerome, stone producers, wkrs. & dlrs., 2642 Park av, New York.
Page, A. C., oil well supp., Wichita, Falls, Tex.
Page Belting Co., 587 Market, San Francisco, Cal.
Page Belting Co., textile mchy., supplies, etc., Concord, N. H.
Page Boiler Co., 817 Larrabee, Chicago, Ill.
Page & Bolster Shingle Co., Hollywood, Wash.
Page Broom Co., Lawrence, Mass.
Page Bros. Buggy Co., carriages, Marshall, Mich.
Page, C. H., & Bro., architects, Austin Nat'l Bank Bldg., Austin, Tex.
Page, Carroll S., ground bone, Hyde Park, Vt.
Page Engng. Co., buckets, 189 W. Madison, Chicago, Ill.
Page Engineering Co., engine bldrs., Claggett & Hull, Baltimore, Md.
Page, Frank W., machst. & fndr., Monticello, Ia.
Page, Fred M., & Co., gummed paper, W. Lynn, Mass.
Page, Geo. G., Box Co., wooden & corrugated box makers, Cambridge, Mass.
Page, George H., architect, Pawtucket, R. I.
Page, Geo. W., architect, Rea Bldg., San Jose, Cal.
Page, Harvey L., Co., architects, 741 E. Houston, San Antonio, Tex.
Page & Hill, lbr., 812 Plymouth Bldg., Minneapolis, Minn.
Page & Jones, steamship brokers & agents, Mobile, Ala.
See adv index at end of book.
Page, Jno. M., & Co., steamfitters' supplies, Naugatuck, Conn.
Page, L. A., Lumber Co., Alexandria, Minn.
Page, L. L., contr., Richmond, Cal.
Page, Leroy J., architect, Leominster, Mass.
Page Lbr. Co., Buckley & Eagle Gorge, Wash.
Page Mfg. Co., cotton batting, Cohoes, N. Y.
Page Milk Co., canned, Ubly, Mich.
Page Milling Co., flour, Luray, Va.
Page, N. L., & Son Co., packing box mfrs., Auburn, Me.
Page Needle Co., tex, machy., supplies, Chicopee Falls, Mass.
Page-Newell & Co., steel importers, 93 Broad, Boston, Mass.
Page, Ralphe E., mill & facty. supp., Hartford, Conn.
Page Steel & Wire Co., copper-clad wires, Grand Central Palace, New York.
Page-Storms Drop Forge Co., see Winchester Repeating Arms Co. (successors).
Page, Thos., canned goods, Albion, N. Y.
Page, Thomas, Milling Co., flour, Topeka, Kans.
Page, W. C., Wirtz Co., masons' & bldrs.' matls., Ionia, Mich.
Page, Wm. H., Boiler Co., 141 W. 36th, New York.
Page & Frothingham, architect, 152 Chauncey, Boston, Mass.
Page & Page, architects, 87 Weybosset, Providence, R. I.
Pagels, Wm. F., architect, 1412 Berteau av, Chicago, Ill.
Pagenhardt, Max A., architect, 611 Olive, St. Louis, Mo.
Paggi, P., & Co., bags & bagging, 52 Washington, San Francisco, Cal.
Pagnod, A., & Sons, soap, 250 46th, Brooklyn, N. Y.
Pagosa Lumber Co., Denver, Colo.
Pague Mfg. Co., tin pails, 29th & Southwest blvd., Kansas City, Mo.
Pahl, August, brick, Arcadia, Wis.
Pahl, E. F., & Co., children's carriages, 1032 3d, Milwaukee, Wis.
Pahlow Reed & Willow Mfg. Co., furniture, 132 W. 27th, New York.
Paige, C. F., & Co., mill & facty. supplies, masons' & bldrs.' matls., Athol, Mass.
Paige-Detroit Motor Car Co., McKinstry & Fort, Detroit, Mich.
Paige, E. C., see Paige Morton (successor).
Paige, Frank E., & Co., felt mills, 68 Essex, Boston, Mass.
Paige & Jones Chem. Co., boiler comp'ds, 15 E. 40th, New York.
Paige Morton, cradles & rope reels, Antrim, N. H.
Paige Sign Co., Worcester, Mass.
Pain & Young, landscape architects, Tampa, Fla.
Paine, A., & Son, contractors, Oswego, N. Y.
Paine Company, The (Expansion & Toggle Bolts), 1742 W Van Buren, Chicago, Ill.
Paine, C. S., Co., mattress, Grand Rapids, Mich.
Paine & Co., meat packers, Wilkes-Barre, Pa.
Paine Co., plbrs. supplies, 144 2d, San Francisco, Cal.
Paine-Fishburn Granite Co., stone producers, Grand Island, Neb.
Paine- Ford Co., mill & facty. supplies, Ashtabula, Ohio.
Paine Furn. Co., mattresses, tool chests, 81 Arlington, Boston, Mass.
Paine, H. A., machinery dealer, Houston, Tex.
Paine Lumber Co. (Ltd.), 111 W. Washington, Chicago, Ill., & Oshkosh, Wis.
Paine & Nixon Co., glass & paint jobbers, Duluth, Minn.
Paine, O. R., machst. & fndr., Blackwell, Okla.
Paine, S. S., & Bro., masons' & bldrs.' matls., New Bedford, Mass.
Paine, Walter J., architect, Newtonville, Mass.
Painesville Coal & Builders' Supply Co., Painesville, Ohio.
Painesville Metallic Binding Co., Painesville, Ohio.
Paint, Glass & Bldrs.' Supply Co., Anniston, Ala.
Painter, E. O., Fertilizer Co., Jacksonville, Fla.
Painter & Frankland, agricultural implements, Albion, Ill.
Painter, Joel T., Co., paint mfrs., McKeesport, Pa.
Painter, Jos., & Sons, machsts. & fndrs., Myerstown, Pa.
Painters' Magazine, trade publication, 100 William, New York.
Painton Brick Co., Troy, N. Y.
Pairpoint Corp., paper & pulp mills, New Bedford, Mass.
Paisler & Willis, masons' & bldrs.' matls., New Bedford, Mass.
Paisley, Wm. C., Roofing Co., cornices & skylights, Ottawa, Ill.
Paist, Phineas E., Esq., architect, 233 7th, Miami, Fla.
Paiste, H. T., Co., mchsts., 3201 Arch, Phila., Pa.
Pajoro Valley Mercantile Co., masons' & bldrs.' matls., Watsonville, Cal.
Pakanship Co., Inc., box trapping & bundling machy., 375 Fulton, Brooklyn, N. Y.
Palace Hardware Co., Tacoma, Wash.
Palanca, A., naval architect, 291 B'way, New York.
Palaora Bros., granite prod., Barre, Vt.
Paladino Contr. Co., 339 E. 115th, New York.
Palen's, H. W., Sons, casket & sash, door & blind mfrs., Kingston, N. Y.
Palisades Park Lumber & Supply Co., Palisades Park, N. J.
Pall Mall Elec. Co., safety razor mfrs., 128 W. 34th, New York.
Palme, Edw. F., architect, 3 W. 29th, New York.
Palm Beach Mercantile Co., whol. hdwe., West Palm Beach, Fla.
Palm, E. E., organs, Mount Penn, Pa.
Palm Bros. Co., name plates & transfer ornaments, 20 W. Jackson blvd., Chicago, Ill.
Palm, Fechteler & Co., transfer ornaments, 67 5th av, New York.
Palm Iron & Bridge Works, Sacramento, Cal.
Palm, Louis F., Co., tire coolers, Defiance, O.
Palm & Sons, lbr., Northport, Wash.
Palm Vacuum Cleaner Co., 2671 E. Gd. blvd, Detroit, Mich.
Palmberg & Mattson Co., contractors, Astoria, Ore.
Palmenberg's, J. R., Sons, window display fixtures, 63 W. 36th, New York.
Palmer, A. E. & Son, furn., Dept. H, Owosso, Mich.
Palmer, Albert E., & Sons, cabinet makers' iron clamps, Owosso, Mich.
Palmer, B., archl. iron, 312 W. 43d, New York .
Palmer-Bee Co., mchsts., 2778 Gd. blvd., Detroit, Mich.
Palmer Bros., machsts, Belle Plaine, Ia., & Cos Cob, Conn.
Palmer Bros., stone producers, Connellsville, Pa.
Palmer, C. S., architect, 114 Whitney av, New Haven, Conn.
Palmer, C. W., & Co., masons' & bldrs.' matls., Herkimer, N. Y.
Palmer, Chas. B., contractor, Wayne, Pa.
Palmer, Clarence William, architect, Moffat bldg., Detroit, Mich.
Palmer & Co., fruit evaporators, Noble, Ill.
Palmer Co., thermometers, 114-116 W. 6th, Cincinnati, O.
Palmer & De Mooy Foundry Co., 1658 Leonard, N. W., Cleveland, Ohio.
Palmer & Dreher, contractors, Stroudsburg, Pa.
Palmer, Edward, flour mills, Waynesboro, Va.
Palmer, Edw. L., Jr., architect, 513 N. Charles, Baltimore, Md.
Palmer Electric & Mfg. Co., automatic electric switch mfrs., 60 K, Boston, Mass.
Palmer Equipt. Corpn., rubber machy., 2741 Clybourn av, Chicago, Ill.
Palmer, Frank L., contr., Stamford, Conn.
Palmer, Fred A., contractor, 3003 Hennepin av, Minneapolis, Minn.
Palmer Fdry. Mach. Co., Palmer, Mass.
Palmer Galvanic Bed Co., mattresses, 231 E. 9th, New York.
Palmer, Geo. H., masons' & bldrs.' matls., Sheridan, Ind.
Palmer, Geo. J., cornices, West Chester, Pa.
Palmer, Geo., Lumber Co., La Grande, Ore.
Palmer & Hardin, mattresses, Louisville, Ky.
Palmer, Harrison, contractor, Newark, Ohio
Palmer, Hy. A., machsts., Westfield, Mass.
Palmer, Henry S., Supply Co., mill & facty. supplies, Beaver Falls, Pa.
Palmer & Hornbostel, architects, 63 William, New York.
Palmer, I. E., Co., textile mach'y, supplies, etc., Middletown, Conn.
Palmer, J. C., masons' & bldrs.' matls., Ashland, O.
Palmer, J. C., meat packer, Charleston, Tenn.
Palmer, J. J., turpentine, Champaign, Fla.
Palmer, Jarvis, cultivators & ladders, Northville, Mich.
Palmer, John E., contractor, Old South Bldg., Boston, Mass.
Palmer, Joseph, auto. springs, 333 Rutherford av, Boston, Mass.
Palmer, L. M., lime mfrs., York, Pa.
Palmer, L. P., & Sons, granite producers, Graniteville, Mass.
Palmer Lime & Cement Co., 103 Park av, New York.
Palmer, Lowell M., Chemical Co., chalk, 78 Beekman, New York.
Palmer & Lynch, contractors, 415 Campbell av, New Haven, Conn.
Palmer & McBryde, contractors, Hooker & Lent Bldg., San Francisco, Cal.
Palmer-Meyer Motor Car Co., auto. bldrs., 5027 McKissock av, St. Louis, Mo.
Palmer, Moore & Co., contractors, Logansport, Ind.
Palmer, N., & Co., mill & facty. supplies, Bridgeport, Conn.
Palmer & Parker Co., lumber dealers, 103 Medford char., Boston, Mass.
Palmer Press Brick Works, Palmer, Tex.
Palmer-Price Co., paint & varnish remover, etc., 270 Chestnut, Newark, N. J.
Palmer, Robt., & Son, Ship Bldg. & Marine Ry. Co., Noank, Conn.
Palmer Rubber Co., re-built, & re-thread tires, Poughkeepsie, N. Y.
Palmer, Simpson Co., airplane parts & supplies, Saranac Lake, N. Y.
Palmer, S. S., masons' & bldrs.' matls., Seneca Falls,, N. Y.
Palmer & Semans Lumber Co., Uniontown, Pa.
Palmer & Sinkhorn, flour mills, Stamping Ground, Ky.
Palmer, Spivery, Construction Co., Augusta, Ga.
Palmer, T. D., Co., clothes pressing mach., Syracuse, N. Y.
Palmer, Thomas, contractor, Newark, Ohio

Palmer, W. G., sash, door & blind, North Tonawanda, N. Y.
Palmer, W. H., Co., contractors, Youngstown, O.
Palmer, W. M., Mfg. Co., clothes line reels, 42 B'way, New York.
Palmer, Willis B., paper & pulp mills, Doe Run, Pa.
Palmer & Embury Mfg. Co., furn., 9 Gouverneur slip, New York
Palmer & Ludorf, architect, New Britain, Conn.
Palmer & Petersen, contrs., 681 Market, San Francisco, Cal.
Palmetier & Abel Lumber Co., Waukesha, Wis.
Palmetto Cotton Mills. Palmetto, Ga.
Palmetto Guano Corp., fertz. mfrs., Columbia, S. C.
Palmetto Hdwe. & Supply Co., Spartanburg, S. C.
Palmetto Lumber Co., Houston, Tex.
Palmetto Oil Co., meal, Bishopville, S. C.
Palmetto Phosphate Co., Keyser Bldg., Baltimore, Md.
Palmour Hardware Co., Gainesville, Ga.
Palmyra Sand Co., Palmyra, N. Y.
Palo Co., test tube brushes, litmus, 90 Maiden Lane, New York.
Paltzer, C. A., Lbr. Co., 112 A. Adams, Chicago, Ill.
Palubiak, J., & Son, cornices, 4107 Chippewa, St. Louis, Mo.
Pamlico Chemical Co., fertilizer mfrs., Washington, N. C.
Pampel, H. D., architect, Finance Bldg., Kansas City, Mo.
Pan-American Motors Corp., Decatur, Ill.
Pana Coal Co., Assumption, Ill.
Pan-American Brick Co., steel structl. wks., New Castle, Ind.
Pan-American Refining Co., Tulsa, Okla.
Pan-American Smelting Wks., Calyer & Moultrie, Brooklyn, N. Y.
Pan. Elec. Mfg. Co., dynamos, generators, motors, etc., 735 S 4th, St. Louis, Mo.
Panama Lbr. & Shingle Co., Olympia, Wash.
Panama Oil & Grease Co., metal polish, belt dress'g, etc., 159 W. 51st, New York.
Pancoast, Henry B., Co., mill & facty. supplies 950 N. Front, Philadelphia, Pa.
Pancoast & Paxson Co., machsts., Purcellville, Va.
Pancoast Shingle Co., lbr. mfrs., Bellingham, Wash
Panenberg, F. G., & Co., brick, Mankota, Minn.
Pangborn Corp., sand blast, Hagerstown, Md.
Pangborn's, W. H., Son, contr., Plainfield, N. J.
Panhandle Lbr. Co., Spirit Lake, Idaho.
Panhandle Warehouse Co., 520H Commerce, Wichita, Kans.
Panhard Motor Co., Grand Haven, Mich.
Panigot, C. W., contractor, Hudson, N. Y.
Pankow Bros., machsts. & fndrs., Sioux Falls, S. D.
Pankow, C. J., architect, Champagne, Ill.
Panneton, Joe, contr., Farmersville, Ill.
Pannier Bros., Stamp Co., 207 Sandusky, Pittsburgh, Pa.
Panning Bros., lumber, Hamler, Ohio.
Pan-o-Lite Grease & Oil Co., 298 Hancock, Long Island City, N. Y.
Pantagraph Printing & Stationery Co., tablets & pads, Bloomington, Ill.
Pantasote Co., artificial leather mfrs., 11 B'way, New York.
Pantasote Leather Co., Passaic, N. J.
Panther Rubber Mfg. Co., rubber heels, Stoughton, Mass.
Pantley, Wm., contr., Far Hills, N. J.
Panziere, A., Co., Inc., contr., 50 Beaver, Albany, N. Y.
Papco Paper Prod. Co., gummed takes & moistening machy., Atlanta, Ga.
Pape Bros., Moulding Co., Plum & Canal, Cincinnati, Ohio.
Papec Machine Co., Shortsville, N. Y.
Paper, Inc., trade publication, 131 E. 23d, New York.
Paper City Brass Foundry, Holyoke, Mass.
Paper Converting Corp., tissue paper, Niagara Falls, N. Y.
Paper Goods Mfg. Co., toilet paper & towels, 925 Penn. av, Pittsburgh, Pa.
Paper Maker's Chemical Co., clays, satin white & rosin size, etc., Easton, Pa.
Paper Manufacturers Co., rolls—adding machine, 526 Cherry, Phila., Pa.
Paper Mills, trade publication, 154 Nassau, New York.
Paper Novelty Co., Green Bay, Wis.
Paper Products Co., 2405 W. Franklin, Baltimore, Md.
Paper Service Co., toilet paper, Hinsdale, N. H.
Paper Trade Journal, 10 E. 39th, New York.
Paper Work'g Machines Co., machsts. & fndrs., Avenue U, Brooklyn, N. Y.
Papier Mache Works of America, toys, etc., 115 Spring, New York.
Pa Pro Co., milk bottle caps, Lowville, N. Y.
Papyrus Artificial Paper Mfg. Co., ropes—auto towing, Kenilworth, N. J.
Pardee & Curtin Lbr. Co., Clarksburg, W. Va.
Paradice, Frank H., Jr., architect, Pocatello, Idaho.
Paradine Mfg. Co., curb boxes, Erie, Pa.
Paradise Coal Co., Springfield, Ill.
Paraffin Paint Co., San Francisco, Cal.
Paraffine Companies, Inc., paint & paper, 34 1st, San Francisco, Cal.
Paragon Cooperage Co., Fort Wayne, Ind.
Paragon Elec. Co., 37 W. Van Buren, Chicago, Ill., & 329 5th, New York.
Paragon Foundries, piano plates, Oregon, Ill.
Paragon Gear Works, marine reversing gears mfr., Taunton, Mass.
Paragon Insulating Co., insulating paints, 5716 Euclid, Cleveland, Ohio.
Paragon Light Co., 141 Locust, Buffalo, N. Y.
Paragon Mach. Co., Rochester, N. Y
Paragon Mfg. Co., machsts., 2427 W. 14th, Chicago, Ill.
Paragon Metal Co., babbitt, 3058 S. Ashland av, Chicago, Ill.
Paragon Plaster Co., masons' & bldrs.' matls., 300 W. Water, Syracuse, N. Y.
Paragon Plaster & Supply Co., lime mfrs., Scranton, Pa.
Paragon Refining Co., lubricating oils & greases & sulphonated oils, Toledo, Ohio.
Paragould Handle Mfg. Co., Paragould, Ark.
Paralite Co., rubber molds, 1684 Columbus rd, Cleveland, O.
Paramount Brass & Mfg. Co., 2187 E. 2d, Cleveland, Ohio.
Paramount Hosiery Form Drying Co., 337 W. Madison, Chicago, Ill.
Paramount Mfg. Co., Inc., screw mach. products, Westfield, N. J.
Parcell, F. S., machy dlrs., Tampa, Fla.
Parchen Drug Co., glass, Helena, Mont.
Pardee Bros. & Co., Inc., anthracite coal mine, Lattimer Mines, Pa.
Pardee, C. A., flour mills, Colesburg, Ky.
Pardee, C., Wks., iron rolling mills, etc., Perth Amboy, N. J.
Pardee, G. M., architect, 4417 Prospect av, Los Angeles, Cal.

Pardon Fish Hook Co., Owensboro, Ky.
Pardy, T. J., Construction Co., 15 Fairfield av, Bridgeport, Conn.
Parfitt, Albert E., architect, 19 Liberty, New York.
Parfitt Bros, architects, 26 Court, Brooklyn, N. Y.
Parfitt, Wm. A., archit., 26 Court, Brooklyn, N. Y.
Parfrey, Chas. A., tubs, boxes, Richland Center, Wis.
Parger, Oscar A., landscape architect, 742 Market, San Francisco, Cal.
Paris Belt & Novelty Co., leather specialties, 231 N. Wells, Chicago, Ill.
Paris Fdry. & Mach. Wks., broom corn harvesters, Paris, Ill.
Paris Mfg. Co., step ladders, ski & children's carriage mfrs., etc., South Paris, Me.
Paris Mattress & Awning Co., Paris, Texas.
Paris Milling Co., flour, Paris, Ky., Tex. & Tenn.
Paris Roller Mills Co., flour, Paris, Idaho.
Paris Saddlery Co., Paris, Tex.
Paris Stone Renovat'g Co., 5 Gt. Jones, New York.
Paris, W. Francklyn, decorative archt., 53 W. 39th, New York.
Parish, Alford Fence & Machine Co., machsts. & fndrs., Knightstown, Ind.
Parish & Hingham Co., stamping wks., Madison av. & W. 106th, Cleveland, Ohio.
Parish Bros., contractors, Youngstown, Ohio.
Parish Mfg. Co., automobile dashes, fenders, frames & hangers, Reading, Pa.
Parish Mfg. Co., stamping wks., Mt. Elliott & Trombley, Detroit, Mich.
Parish Supply & Mfg. Co., tackle blocks, 2864 Quinn, Chicago, Ill.
Parish & Schroeder, architects, 12 W. 31st, New York.
Parizek, Frank, pearl buttons, West Willington, Conn.
Park Chemical Co., case hardening compounds, 35 Lovett, Detroit, Mich.
Park, C. F., architect, Bastable bldg, Syracuse, N. Y.
Park City Cornice Wks., nc., 56 McKinley av, Bridgeport, Conn.
Park City Lbr. Co., Bridgeport, Conn.
Park City Mach. & Supply Co., Bowling Green, Ky.
Park City Milling Co., flour, Bowling Green, Ky.
Park City Silverware Co., silver nov., Bridgeport, Conn.
Park Drop Forge Co., 760 E. 79th, Cleveland, Ohio.
Park, Earl G., architect, Securities bldg., Seattle, Wash.
Park, Elbert O., contr., Groton, Conn.
Park Falls Lbr. Co., Park Falls, Wis.
Park, H. C., architect, Ridgway, Pa.
Park Hardware Co., Warren, Ohio.
Park Iron Wks., 712 E. 136th, New York.
Park, Jas., & Co., contractors, Belle Plaine, Ia.
Park, John W., architect, care Chicago Tribune, 7 Dearborn, Chicago, Ill.
Park Lbr. Co., Dowling Park, Fla.
Park & McKay, plumbers' supplies—jobbers, 55 Bagley av, Detroit, Mich.
Park Mfg. Co., elevators, Charlotte, N. C.
Park, Morrand & Co., Waycross, Ga.
Park Novelty Co. See Federal Container Co. (Successor)
Park Rapids Lumber Co., Minneapolis, Minn.
Park River Milling Co., flour, Park River, N. D.
Park & Tucker, brick, Avery, Ohio.
Park, W. R., & Son, mill & facty. supplies, Taunton, Mass.
Park, Walter L., architect, Taunton, Mass.
Park, Willie, architect, 25 W 43rd, New York
Park & Williams, Inc., pigiron, Real Estate Trust bldg., Philadelphia, Pa.
Park, Winton & True Co., sash, door & blind mfrs., Addison, N. Y.
Parke, David, architect, 300 Elysian av, Pittsburgh, Pa.
Parke, Davis & Co., camphor, disinfectants, 743 E. Atwater, Detroit, Mich.
Parke, John Y., & Co., metal nov. & spec., 29 N. 7th, Philadelphia, Pa.
Parker, A. A., machinist, Waterford, N. Y.
Parker, Bateman & Chase, landscape architects, Clinton, Mass.
Parker Bell Lumber Co., Pilchuck, Wash.
Parker Boiler Co., 9th & Sansom, Philadelphia, Pa.
Parker Bros., cornices & skylights, Lyons, Ia.
Parker Bros., machinists & founders, Meriden, Conn.
Parker Bros., masons' & bldrs.' matls., Bloomington, Ill.
Parker Bros., toys, games & nov., Salem, Mass.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
Parker, Byron, mill & facty. supplies, Hudson, N. Y.
Parker, C. H., Co., paints, enamels, varnishes, Valparaiso, Ind.
See adv. index at end of book.
Parker, C. W., organs, Leavenworth, Kans.
Parker, Carl R., landscape archt., 465 Congress, Portland, Me.
Parker, Charles, Co., bathroom fixtures, coffee mills, etc., Meriden, Conn.
Parker, Chas. H., Co., enamels, paints & varnishes, Valparaiso, Ind.
Parker, Chas. H., & Son, elec. lgt. plants, Denver, Colo.
Parker, Chas. N., architect, Electrical Bldg., Asheville, N. C.
Parker Clock Co., Meriden, Conn.
Parker Cup & Specialty Wks., valve cups, Parkers Landing, Pa
Parker, D. O. Lbr., Tuscaloosa, Ala.
Parker, E. E., & P., lbr., Reed's Ferry, N. H.
Parker, E F., flour mills, Elihu, Ky.
Parker, E. L., & Nimmo Co., tin plate, metals, whol. hdwe., etc., 203 S. Charles, Baltimore, Md.
Parker, E. W., contractors, Tampa, Fla.
Parker, Edwin A., Corpn., duplicating app., 591 Hudson, New York.
Parker, F. E., architect, Kemper Bldg., Kansas City, Mo.
Parker, F. T., Co., press cloth, 700H College, Columbia, S. C.
Parker, Frank A., Co., willow ware mfrs., 31 Troup, Rochester, N. Y.
Parker, Geo. D., machinery, Riverside, Cal.
Parker Gordon, architect, 17 W 42nd, New York
Parker & Granville, muslin & advtg. signs, Ithaca, N. Y.
Parker, H., architect, Drexel Bldg., Philadelphia, Pa.
Parker, H. C., & Bro., lumber, Tenaha, Tex.
Parker, H. Hanley, decorative archt., 1710 Chestnut, Phila., Pa.
Parker & Hafner, nail lthr., insulating washers, Williamsport, Pa.
Parker, Hy., elastic surgical hosiery, 100 W. 23d, New York.
Parker-Hensel Engng. Co., see Brunswick Marine Constr. Co. (successors).
Parker, Ira, & Sons Co., paint, Oshkosh, Wis.
Parker Iron Wks., machsts. & fndrs., San Bernardino, Cal.
Parker, Jamieson, architect, U. S. Bk. Bldg., Portland, Ore.

Parker, John, contractor, Norwalk, Ohio.
Parker, John H., Co., contractors, 315 4th av, New York.
Parker & Johnston, sash, door & blind, Logansport, Ind.
Parker, Jos., & Son Co., paper & pulp mill, New Haven, Conn.
Parker, K. E., Co., contrs., G. G. Park Museum, San Francisco, Cal.
Parker-Kellogg Lumber Co., 830 Lbr. Exch., Minneapolis, Minn.
Parker, L. B., lbr. mfrs., Parkers, N. Y.
Parker Lumber Co., Findlay, Ohio & Rimini, S. C.
Parker Mach. & Fan Wks., Kansas City, Kans.
Parker Mach. Wks., automatic mailing box machy., 491 Mulberry, Riverside, Cal.
Parker Milling Co., flour, Parker's Landing, Pa.
Parker Motor Truck Co., auto bldrs., 606 Linus, Milwaukee, Wis.
Parker, N. D., & Sons, lumber mfrs., Mantua, Ohio.
Parker & Noel, lbr., Tuscaloosa, Ala.
Parker & Page Co., lumber, 40 First, E. C., Boston, Mass.
Parker Pen Co., fountain pens, Janesville, Wis.
Parker Plow Co., machsts. & fndrs., Richmond, Mich.
Parker, Preston & Co., waterproofing matls., Norwich, Conn.
Parker Refining Co., soap, 1307 W. 11th, Cleveland, Ohio.
Parker-Russell Mining & Mfg. Co., brick, locomotive tiles, gas retorts, etc., Laclede Gas Light Bldg., St. Louis, Mo.
Parker Rust Proof Co. of America, compounds, 623 E. Milwaukee, Detroit, Mich.
Parker Spool & Bobbin Co., bobbins, skewers & spools, Lewiston, Me.
Parker & Stearns, lbr., Johnson, Vt.
Parker, Stearns & Co., rubber goods, 286 Sheffield av, Brooklyn, N. Y.
Parker Supply Co., sheet metal screws, 785 E. 135th, New York.
Parker Supply Co., plbrs. supplies, Xenia, O.
Parker, Surry, machinist, Pinetown, N. C.
Parker, T. J., aniline hydrochloride, 92 William, New York.
Parker, T. M., burning brands, presses, etc., Hartford, Conn.
Parker, Thos., Co., stone producers, wkrs. & dlrs., 1259 Flushing av, Brooklyn, N. Y.
Parker, Thomas, & Rice, architects, 110 State, Boston, Mass., & Union Trust Bldg., Baltimore, Md.
Parker & Topping Co., machinists, Brainerd, Minn.
Parker, V. C., & Son, contractors, Waycross, Ga.
Parker, W. H., architect, Greenville, Miss.
Parker, W. T., Mfg. Co., patterns, Springfield, Ohio.
Parker, Walter H., architect, 12 Geary, San Francisco, Cal.
Parker-Washington Co., contrs., 2309 Penn av, Kans. City, Mo.
Parker, Webb & Co., meat pkrs, 20th & Mich. av, Detroit, Mich.
Parker Wheel Co., 3778 E. 78th, Cleveland, Ohio.
Parker White Metal & Machine Co., Erie, Pa.
Parker, Wm., contractor, Norwalk, Ohio.
Parker, Wilson B., architect, 620 State Life, Indianapolis, Ind.
Parker Wire Goods Co., hooks, screws, etc., Worcester, Mass.
Parker-Young Co., lbr., Orleans, Vt.
Parker & Parker, architects, 12 W. 40th, New York.
Parkersburg Iron & Steel Co., corrugated, Parkersburg, W. Va.
Parkersburg Machine Co., Parkersburg, W. Va.
Parkersburg Mattress Co., Parkersburg, W. Va.
Parkersburg Mill Co., butchers' blocks, Parkersburg, W. Va.
Parkersburg Rig & Reel Co., irons, Parkersburg, W. Va.
Parkes File Co., 117 Verona av, Newark, N. J.
Parkesburg Iron Co., iron rolling mills, Parkesburg, Pa.
Parkesburg Stamping & Mfg. Co., stamping & stamped goods, Parkesburg, Pa.
Parkhurst, J. F., & Son Co., trunks, Bangor, Me.
Parkhurst, L. D., knives, Danielson, Conn.
Parkins, E. P., machinist, Dickey, Ga.
Parkins, W. B., flour mills, Maysville, Ark.
Parkinson, Chas., Inc., contractor, 67 Greenwich, New York.
Parkinson & Dockendorff, architects, La Crosse, Wis.
Parkinson, Edw., Mfg. Co., mill & facty. supplies, 84 Sprague Providence, R. I.
Parkinson, John, architect, Title Insurance, Los Angeles, Cal.
Parks, Alexander, flour mills, Martinsburg, W. Va.
Parks Ball Bearing Machine Co., wood working machy., Knowlton & Fergus, Cincinnati, Ohio.
Parks & Bros., canned goods, Kinsale, Va.
Parks, C. M., machst., West Manchester, Ohio.
Parks-Cramer Co., air conditioning, htg. & plbg. supplies, Fitchburg, Mass.
Parks, Fred H., Lumber Co., H Henry bldg, Seattle, Wash.
Parks, G. M., Co., piping engineers constr, Fitchburg, Mass., & Old South Bldg, Boston, Mass.
Parks, Geo., & Sons Co., contractors, 217 15th, Buffalo, N. Y.
Parks, M. H., & Co., barrel covers, Winchendon, Mass.
Parks & Parks, shoe brushes, racks, tongs, etc., Troy, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Parkston Canning Co., Parkston, S. D.
Parkyn & Sons, masons' & bldrs.' matls., Palisades Park, N. J.
Parlee, H. C., & Co., window screens, 25 Haverhill, Boston, Mass.
Parlett & Parlett Co., masons' & bldrs.' matls., Annapolis, Md.
Parlette, H. Leslie, overhead trolleys, Media, Pa.
Parliman, Lawrence E., masons' & bldrs.' matls., Sea Cliff, N. Y.
Parlin & Orendorff Co., agricultural implements, Canton, Ill.
Parlor Furn. Mfg. Co., Dept. H, Grand Rapids, Mich.
Parlor Furniture & Mattress Co., Fremont, Neb.
Parlor Golf Co., toys, games & novelties, Hoboken, N. J.
Parlor Pride Mfg. Co., stove polish, North Andover, Mass.
Parlow, W. E., architect, Cape Girardeau, Mo.
Parmalee, M. E., & Son, architects, Knoxville, Tenn.
Parmalee Wrench Co., 2515 W. Monroe, Chicago, Ill.
Parmele, Chas. L., machy. dlr., 50 Church, New York.
Parmele Pharmacal Co., 49 W. New York
Parmelee Tool Co., machsts., 2515 W. Monroe, Chicago, Ill.
Parmelee, Z. L., Co., machsts., Los Angeles, Cal.
Parmenter C. R. constr's, Saratoga Springs, N. Y.
Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.
Parnigoni Bros., granite, Barre, Vt.
Parr Lumber Co., window screens, St. Johns, Mich.
Parr, Wm., & Co., masons' & bldrs.' matls., Galveston, Tex.
Parr, Wm., & Son, aprons, Lowell, Mass.
Parrett Tractor Co., traction engines, 343 S. Dearborn, Chicago, Ill.
Parris, C. S., archl. iron, 7 Province Ct., Boston, Mass.
Parrish, Geo. T. Lbr. Co., Epes, Ala.
Parrish, J. O., Lumber Co., Shelbyville, Ind.
Parrish, Jay Allen, contr., Paris, Ill.
Parrish, S. H., & Co., stained glass substitutes, 202 S. Clark, Chicago, Ill.
Parrish, W. S., flour mills, San Luis, Colo.

Parrott & Hahn, machsts., Olympia, Wash.
Parrott Heater Co., 224 21st, Detroit, Mich.
Parrott, Matt., & Sons Co., desk calendars, Waterloo, Ia.
Parrott, Richard, dock bldrs., Newburgh, N. Y.
Parrott & Smith, cornices & skylights, Owatonna, Minn.
Parrott Varnish Co., Bridgeport, Conn.
Parrott, Wm., dock bldrs., Newburgh, N. Y.
Parry, A. N., & Co., auto. mountings, Amesbury, Mass.
Parry Brick Co., 166 Devonshire, Boston, Mass.
Parry & Jones Co., brick & granite, Rome, N. Y., & Barre, Vt.
Parry, Jos., & Sons Co., contractors, Ogden, Utah.
Parry Mfg. Co., auto. truck trailers, wagons, etc., Indianapolis, Ind.
Parry, Sam'l R., machst., Rochester, N. Y.
Parsche, F. X., & Son, glassware, 1434 Orleans, Chicago, Ill.
Parshelosky Bros., sash, door & blind mfrs., Morgan & Meserole, Bklyn, N. Y.
Par-Sil Metal Co., brush holders, Lansdale, Pa.
Parson, J. S., mill & facty. supplies, Oswego, N. Y.
Parson Mfg. Co., pneu. conveyors, 35 Nassau, N. Y.
Parsons, Anthony, architect, Wausau, Wis.
Parsons Bros. Slate Co., roofing, Pen Argyl, Pa.
Parsons, C. H., Co., bags & bagging, 78 Water, New York.
Parsons, C. Howard, archt., Bldrs. Exch., Minneapolis, Minn.
Parsons Co., ditching machs, Newton, La.
Parsons Construction Co., Inc., Binghamton, N. Y.
Parsons, E. M., & Co., architect, 145 Munroe, Lynn, Mass.
Parsons Engng. & Mach. Corp., contrs' supplies, 18H W 34th, New York
Parsons, Floyd Y., architect, 1133 B'way, New York.
Parsons, Grant, contractor, Kuline bldg, Omaha, Neb.
Parsons & Hamilton, soap, Santa Cruz, Cal.
Parsons, Harold A., contr., Stamford, Conn.
Parsons, J. H., Chemical Co., boiler & cleaning compounds, water purifiers, etc., 122 S Michigan av, Chicago, Ill.
Parsons, Jas. L., contractor, Southern Bldg., Washington, D. C.
Parsons & Lantry, contrs., 30 Church, New York.
Parsons Lumber Co., Rockford, Ill.
Parsons Machinery Co., Marlboro, Mass.
Parsons Mfg. Co., boxes & box shooks, Chelsea, Mass.
Parsons Mfg. Co., hdwe. mfrs., 411 S. Clinton, Chicago, Ill.
Parsons Marine Steam Turbine Co., 2 Rector, New York.
Parsons, P., boilers, Shreveport, La.
Parsons Paper Co., Holyoke, Mass.
Parsons & Petit chemical brokers, 63 Beaver, New York City.
Parsons Pulp & Lumber Co., fibre & screening paper, Finance Bldg., Philadelphia, Pa.
Parsons, Robert E., architect, 28 E. 48th, New York, & 371 B'way, Flushing, N. Y.
Parsons, Samuel, & Co., landscape architects, 101 Park av, New York.
Parsons Specialty & Machine Wks., metal stamping & hardware specialties, Hancock & Lehigh, Philadelphia, Pa.
Parsons, T. G., sashes, doors & blinds, Kent, Ohio.
Parsons, W. A., & Co., cash boxes, Durham Center, Conn.
Parsons Wagon Co., Earlville, N. Y.
Parsons Wm. E., archit., Ry. Exchange bldg, Chicago, Ill.
Parten-Blomstrom Mfg. Co., machsts., 311 6th av., S., Minneapolis, Minn.
Partenheimer, Otto, metal spinn'g, 2 Howard, New York.
Partin, M., brooms, Mobile, Ala.
Partin, W. E., machst. & fndr., Dardanelle, Ark.
Partola Mfg. Co., chemicals, 160 2d av, New York.
Partrick & Wilkins Co., tank alarms, 51 N. 7th, Phila., Pa.
Partridge, C. M., & W. A., masons' & bldrs.' matls., Rockport, Ind.
Partridge, E. O., bench & emery grinders, etc., 2039 Lake, Chicago, Ill.
Partridge, Jere., stone producers, Narrowsburg, N. Y.
Partridge, T. M., Lbr. Co., 730 Lbr. Ex., Minneapolis, Minn.
Parvin & Co., steel struct. wk., Stephen Girard Bldg., Phila., Pa.
Pasadena Canning Co., Pasadena, Cal.
Pasadena Hdwe. Co., who. hdwe., Pasadena, Cal.
Pasadena Mfg. Co., lattice work, Pasadena, Cal.
Pasadena Milling Co., flour, Pasadena, Cal.
Paschen Bros., contrs., 111 W. Washington, Chicago, Ill.
Paschke, August & Sons, 1345 Bellevue av, Detroit, Mich.
Pasco Tool Co., mill & factory supp., Atlanta, Ga.
Pascola Stave Co., Pascola, Mo.
Pasquini, Attello, contractor, Madison av & 42d, New York.
Pash, Martin, masons' & bldrs.' matls., Wanatah, Ind.
Pashley, Alfred F., architect, 431 S. Dearborn, Chicago, Ill.
Pasman Valve Co., Jersey City, N. J.
Pasold, John I., stone prod., Decatur, Ill.
Pasquale, B., & Co., badges & emblems, 115 Post, San Fran., Cal.
Pasqualetti, Joseph, contr., Humboldt Bk. bldg, San Francisco, Cal.
Pass, Geo., & Son, architects, Mankato, Minn.
Pass & Seymour, electric wiring devices, Solvay, N. Y.
Passadumkeag Lbr. Co., Passadumkeag, Me.
Passaic Artistic Iron Wks., Passaic, N. J.
Passaic Cotton Mills, tire fabrics, cotton duck, etc., 120 B'way, New York.
Passaic Knitting Wks., Garfield, N. J.
Passaic Metal Ware Co., enamel signs, Passaic, N. J.
Passaic Plumbing Supply Co., Passaic, N. J.
Passaic Print Wks., bunting & flag mfrs., Passaic, N. J.
Passaic Struct. Steel Co., Paterson, N. J.
Passe, F. J., brick, Preston, Minn.
Passman Bros., friction clutches, 30 S. Green, Chicago, Ill.
Passmore, H. T., lbr., Bath, Me.
Passolt, Hy., Co., potash, soap, Saginaw, Mich.
Passow & Sons, store fixtures, furniture, etc., 2101 S. Allport, Chicago, Ill.
Passumpsic Fibre Leather Co., Passumpsic, Vt.
Pasteur-Chamberland Filter Co. See Am. Mfg. Co. (successor).
Pastoret Construction Co., Duluth, Minn.
Patapsco Guano Co., fertilizer mfrs., Fidelity bldg, Balto., Md.
Patapsco Iron Works, iron works, Ostend & Wicomico, Baltimore, Md.
Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.
Patch, A. H., agricultural implements, Clarksville, Tenn.
Patch, Dan, Co., children's vehicles, Connersville, Ind
Patch, F. R., Mfg. Co., machsts. & fndrs., Rutland, Vt.
Patch, S. B., & Sons Co., machsts. & fndrs., Streator, Ill.
Patchett, J. P., canned goods, Federalsburg, Md.
Patchett, Tom., machst., Stoneham, Mass.
Patchin, C. P., & Co., masons' & bldrs.' matls., Middlefield, O.
Patchogue Trunk Wks., Patchogue, N. Y.

Pate, Charles J., architect, Wichita Falls, Tex.
Pate, D. S., Lumber Co., 11 S. La Salle, Chicago, Ill.
Pate, Z. V., fertilizer, Laurel Hill, N. C.
Patek Bros., plate glass, 232 E. Water, Milwaukee, Wis.
Patelski, Erich J., architect, 2550 W Jackson blvd, Chicago, Ill.
Patent Brick Co., Merchant Exch., San Francisco, Cal.
Patent Button Co., Waterbury, Conn.
Patent Cereals Co., Geneva, N. Y.
Patent Novelty Co., clothes line reels, Fulton, Ill.
Patent Pearl Wks., buttons, 24 E 23d, New York.
Patent Specialty Supply Co., fdry. chaplets, Shushan, N. Y.
Patent Vulcanite Roofing Co., roofing, cements, felts, rubber, etc., 49th & Oakley av, Chicago, Ill.
Paterno & Son Contg. Co., 383 Mad. av, New York.
Paterson-Boardman & Knapp, plumbago, 10 Bridge, New York.
Paterson Clay Products Co., brick, Clearfield, Pa.
Paterson Crushed Stone Co., Morristown, N. J.
Paterson & Edey Lbr. Co., Inc., Mobile, Ala.
Paterson Fdry. Co., Paterson, N. J.
Paterson Forge Co., iron & steel, Bridgeport, Conn.
Paterson, Geo. B., buckwheat & wheat flour, Burdett, N. Y.
Paterson-Leitch Co., concrete reinforcing supplies, 936 E. 67th, Cleveland, Ohio.
Paterson Monumental Works, Bellefontaine, Ohio.
Paterson Parchment Paper Co., Passaic, N. J.
Paterson Piano Case Co., Paterson, N. J.
Paterson Reed & Harness Co., Paterson, N. J.
Paterson Supply Co., mill & facty. supplies, Paterson, N. J.
Paterson Vehicle Co., auto windshields, Paterson, N. J.
Paterson, W. A., Co., automobile bldrs., Flint, Mich.
Paterson, Wm., contractor, 241 Orange, New Haven, Conn.
Pathe Exchange, moving picture films, 25 W. 45th, New York.
Pathe Freres Phono Co., talking machines, 18 E. 42d, New York.
Pathescope Co. of America, searchlights, 33 W 42d, New York.
Pathfinder Co., automobile bildrs., Indianapolis, Ind.
Pathie, Wm., Co., metal signs, bronze tablets, etc., Worcester, Mass.
Patlajohn, L., Roofing Co., cornices, 657 Antoinil, Detroit, Mich.
Paton, J., & Co., shingle bands, Cleveland, Ohio.
Patriarche & Bell, steel dlrs., 350 West, New York.
Patric Furnace Co., Springfield, Ohio.
Patric, Milan W., machsts., Rochester, N. Y.
Patrick, F. A., & Co., woolen blankets, flannels, Duluth, Minn.
Patrick, R. S., black diamond carbons, Duluth, Minn.
Patrick, Robt., Plumbing Co., htg. contrs., 3231 Cottage Grove av, Chicago, Ill.
Patrick & Shore, flour mills, Bodenham, Tenn.
Patrizio & Hendrickson, contractors, 340 E. 27th, New York.
Pattee Plow Co., Monmouth, Ill.
Patten Mfg. Co., machsts. & fndrs., Chattanooga, Tenn.
Patten Paper Co., Ltd., Appleton, Wis.
Patten, Paul B., Co., heating contrs., Salem, Mass.
Patterson, A. W., architect, Carthage, N. Y.
Patterson, Alex., masons' & bldrs.' matls., 3036 W. 6th, Cincinnati, Ohio.
Patterson-Andrews Co., Inc., advertising counsellors, 1 Madison av, New York
Patterson, B. C., architect, Barnesville, Ohio.
Patterson Bros., mill & facty. supplies, wholesale hdwe., 27 Park row, New York.
Patetrson Bros., potteries, Wellsville, Ohio.
Patterson Bros., lbr., Fifield, Wis.
Patterson Building Co., Akron, Ohio.
Patterson, C. A., architect, Winona, Minn.
Paterson, C. R., & Sons, carriages, Greenfield, Ohio.
Patterson, C. T., Co., Ltd., mill & facty. supplies, 801 Tchoupitoulas, New Orleans, La.
Patterson, Chester A., architect, 50 E. 42d, New York.
Patterson, D. W., feed water purifiers, Harrison Bldg., Philadelphia, Pa.
Patterson, Daniel J., architect, 46 Kearny, San Francisco, Cal.
Patterson, Ed. M., architect, 76 Montgomery, Jersey City, N. J.
Patterson Foundry & Machine Co., East Liverpool, Ohio.
Patterson, Fred'k A., architect, Bangor & Waterville, Me.
Patterson, G. W. S., & Co., varnish gums & wood oils, 135 Front, New York.
Patterson, Geo. B., Coal & Supply Co., masons' & bldrs.' matls., Wellsville, Ohio.
Patterson Glass Mfg. Co., window, Cameron, W. Va.
Patterson, Gottfried & Hunter, mill & facty, 149 Lafayette, New York.
Patterson, Gottfried & Hunter, whol. hdwe., 211 Center, New York.
Patterson, Harold F., architect, 363 Lexington av, New York.
Patterson & Harral, wholesale hdwe., 88 White, New York.
Patterson, Jas. E., & Co., masons' & bldrs.' matls., Wilkes-Barre, Pa.
Patterson-Kelley Co., heaters, purifiers & separators, Church & Cortlandt, New York *See adv index at end of book*
Patterson Locknut Mfg. Co., 14 E. Jackson Blvd, Chicago, Ill.
Patterson Lubricating Co., 114 Broad, Boston, Mass.
Patterson Lbr. Co., Rainier, Ore.
Patterson MacDonald Shipbldg Co., Seattle, Wash.
Patterson Mfg. Co., agricultural implements, Holly, Mich.
Patterson Mfg. Co., boxes curb, Keystone Bldg., Pittsburgh, Pa.
Patterson Mfg. Co., cotton sheeting, China Grove, N. C.
Patterson Mfg. Co., hammock mfrs., E. Indiana cor A, Philadelphia, Pa.
Patterson Monumental Wks., stone producers, Bellevue, Ohio.
Patterson-Sargent Co., paint mfrs., 1325 E. 38th, Cleveland, O.
Patterson & Schroeder Supply Co., machsts.' tools, 560 W. Van Buren, Chicago, Ill.
Patterson & Shaw, contractors, 30 E. Robinson, Pittsburgh, Pa.
Patterson & Stirling, fndrs., Erie, Pa.
Patterson, T. G., lbr., 637 W. 55th, New York.
Patterson, T. H. (Est. of), masons' & bldrs.' matls., Joliet, Ill.
Patterson, Thos. G., pack'g box mfrs., 637 W. 55th, New York.
Patterson Tool & Supply Co., machinery dealers, Dayton, Ohio.
Patterson, W. W., Co., tackle blocks, 54 Water, Pittsburgh, Pa.
Pattiani, A. W., architect, 625 Market, San Francisco, Cal.
Pattillo Lumber Co., Atlanta, Ga.
Pattin Bros. Co., machinists, Marietta, Ohio.
Pattinson Mfg. Co., machsts. & fndrs., 48 Stanhope, Boston, Mass.
Pattison, J. L., & Co., elec. light. fix. mfrs., 552 W. Jackson blvd, Chicago, Ill.
Pattison, Louis E., sash, door & blind, Webster, Mass.
Pattison Oil Co., lubrg., 27 Woodward av, Detroit, Mich.
Pattison, Oscar A., contractor, N. Y. blk, Seattle, Wash.
Pattison, Warren C., architect, 637 Main av, Passaic, N. J.
Pattison, W. M., Supply Co., mill & facty. supplies, 777 Rockwell av, Cleveland, Ohio.
Patton-Black Mfg. Co., mattresses, Jackson, Tenn.
Patton Clay Mfg. Co., brick, etc., Patton, Pa.
Patton & Co., lbr. mfrs., Albany, N. Y.
Patton, Lewis C., architect, 48 E 41st, New York
Patton-MacGuyer Co., wire terminals, cable lugs, screw shells, fuse caps, small stampings, etc., 31 Mathewson, Providence, R. I.
Patton Paint Co., paint mfrs., 213 Lake, Milwaukee, Wis.
Patton, R. B., architect, South Pittsburg, Tenn.
Patton, R. J., & Co., flags, 222 E. 4th, Cincinnati, Ohio.
Patton, S. E., architect, 3520 Douglas, El Paso, Tex.
Patton, Wm., architect, Newark, Ohio.
Patton, Wm. Howe, architect, Parkersburg, W. Va.
Patzer, Arthur J., elec. contr., Stockton, Cal.
Patzig, August L., architectural photographers, 6 W. 36th, New York.
Paukin, John, Broom Co., Maumee, Ohio.
Paul, A. S., sash, door & blind, Cle Elum, Wash.
Paul, Andrew G., htg. contr., 141H Milk, Boston, Mass.
Paul Bros. Co., contractors, Citizens' Bldg., Cleveland, Ohio.
Paul Casket Co., Combridge City, Ind.
Paul, Edw. E., Co., contractors, 101 Park av, New York.
Paul & Ford, architects, 220 S. 4th, Philadelphia, Pa.
Paul & Fulton, wire forms, 31 W. Kinzie, Chicago, Ill.
See adv. index at end of book
Paul, G. A., cornices & skylights, Pana, Ill.
Paul & Henry Constr. Co., Barberton, Ohio.
Paul, Henry S., architect, Portsmouth, N. H.
Paul, J. C. & Co., metal polish, 930 Roscoe, Chicago, Ill.
Paul & Post, masons' & bldrs.' matls., Washington, Pa.
Paul Steam System, Hickox Bldg., Cleveland, Ohio.
Paul, W. E., cornices & skylights, Portsmouth, N. H.
Paulding John I., switches, receptacles, etc., New Bedford, Mass.
Paulding Lumber Co., Paulding, Ohio.
Paules, G. E., architect, Columbia, Pa.
Pauli, Augustus C., architect, 331 Madison av, New York.
Pauli, Frank M., Co., contractors, 40 Shipherd av, Detroit, Mich.
Pauli, Hermann, varnish gums, 80 Pine, New York.
Pauline, F. S., & Co., stone producers, Cannelton, Ind.
Pauline Mills, cotton damasks, Kings Mountain, N. C.
Pauline Oil & Fertilizer Co., cottonseed meal, Pauline, S. C.
Paulissen, J. P., contractor, Kankakee, Ill.
Paulissen Mfg. Co., sash, door & blind, Kankakee, Ill.
Paulsen, Hans, brick, Rock Island, Ill.
Paulsen, Hy. F., contrs., Rock Island, Ill.
Paulson, Thos., & Son, machsts. & fndrs., 97 2d av, Bklyn., N. Y.
Paulus, John, bags & suitcases, 655 N. May, Chicago, Ill.
Paulus, John D., architect, 4729 Northland av, St. Louis, Mo.
Paulus, Jos. C., & Co., mill & facty. supplies, 2507 Potter, Philadelphia, Pa.
Pauly Bros., patterns, Springfield, Ohio.
Pauly, Charles, architect, Edwardsville, Ill.
Pauly, Chas., & Son, architects, Granite City, Ill.
Pauly & Ipsen, contractors, Springfield, Mo.
Pauly Jail Bldg. Co., steel jail & cell work, 2215 De Kalb, St Louis, Mo.
Paunack, Edw. F., stone contractor, Madison, Wis.
Paussek & Carr, glass stainers, St. Paul, Minn.
Pavania Oil Co., petroleum, Warren, Pa.
Pavyer Printing Mach. Co., Broadway Poplar, St. Louis, Mo.
Pawhuska Vitrified Brick & Tile Co., Pawhuska, Okla.
Pawling, Geo. F., & Co., contractors, 1432 S. Penn sq, Philadelphia, Pa.
Pawling & Harnischfeger Co., electric cranes, hoists, etc., Milwaukee, Wis. *See adv. index at end of book.*
Pawnee Land & Lumber Co., Pawnee, La.
Pawson, J. E., & Co., contractors, Yonkers, N. Y.
Pawtucket Braided Line Co., Pawtucket, R. I.
Pawtucket Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.
Pawtucket Mordant Co., soluble oils, paste, etc., Pawtucket, R. I.
Pawtucket Sash & Blind Co., Pawtucket, R. I.
Paxson, Edward S., architect, 729 Walnut, Philadelphia, Pa.
Paxson, J. W., Co., foundry supplies & equipment, 1021 N. Delaware av, Philadelphia, Pa.
Paxton Canning Co., Paxton, Ill.
Paxton & Gallagher Co., wholesale hdwe. & machsts.' tools & supplies, Omaha, Nebr.
Paxton, John C., lime mfrs., Toms Brook, Va.
Paxton Lbr. Co., Inc., Bristol, Tenn.
Paxton-Mitchell Co., packing (metallic), Omaha, Neb.
Paxton & O'Neill, machsts., 541 N. 3d, Philadelphia, Pa.
Paxton, Price & O'Niell, seamless hosiery knitting machy., 547 N. 3d, Phila., Pa.
Paxton & Vierling Iron Wks., lamp posts, Omaha, Neb.
Paxton, Wm. L., sash, door & blind mfr., 128 Wakeman av Newark, N. J.
Pay, C. T., & Co., machsts., 307 S. Water, Providence, R. I
Paye & Baker Mfg. Co., silver novelties, North Attleboro, Mass
Payette Constr. Co., Sioux City, Ia.
Payne & Adams. See Payne & Griswold (successors).
Payne Bros., steel structural wk., cor. av D, Newark, N. J.
Payne Bldg. Co., 8th & Plume, Cincinnati, Ohio.
Payne Chase Co., mattress, Lincoln, Neb.
Payne & Co., excelsior mfrs. & sea moss, Dayton, Ohio.
Payne, E. C., Lumber Co., New Decatur, Ala.
Payne, E. F., & Son, fishing rods, Highland Mills, N. Y.
Payne, E. Scott, Co., whol. hdwe., 362 N. Gay, Baltimore, Md.
Payne, Edgar A., architect, 429 Main, Antioch, Ill.
Payne & Estes, flour mills, Eubank, Ky.
Payne, F. S., Co., freight elevators, 295 Franklin, Boston, Mass.
Payne, F. T., cornices & skylights, Dallas, Tex.
Payne, Geo. F., & Co., contractors, 401 S. Juniper, Phila., Pa.
Payne, Geo. H., leaded glass, Paterson, N. J.
Payne, Geo. W., & Co., textile machy., Pawtucket, R. I.
Payne, Geo. W., & Son, architects, Carthage, Ill.
Payne & Griswold, architects, New London, Conn.
Payne, H. J., contractor, Caswell blk, Milwaukee, Wis.
Payne Mfg. & Canning Co., Payne, Ohio.
Payne Matthew Dental & Surgical Mfg. Co., surgical instruments, Yonkers, N. Y.
Payne R. W., common brick, Drakes Branch, Va.
Payne & Scammell, contractors, Land Title Bldg., Phila., Pa.
Payne, W. J., contractor, 7 Beltzhoover av, Pittsburgh, Pa.

Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Payson Charles H., architect, Reliance bldg, Kansas City, Mo.
Payson, Geo. H., masons' & bldrs.' matls., Englewood, N. J.
Payson Mfg. Co., knobs, hinges, locks, door pulls, etc., 2918 Jackson blvd., Chicago, Ill.
Payson Varnish Co., 141st & Walnut av, New York.
Payton Bros. Lumber Co., Saline, La.
P. B. & H. Moulding Co., ornaments, Syracuse, N. Y.
P. B. Mfg. Co., outlet & meter boxes, 1624 Fratney, Milwaukee, Wis.
Pea Ridge Milling Co., Pea Ridge, Ark.
Peabody Anti-Dust Co., sweeping compounds, Peabody, Mass.
Peabody & Buland, lumber, Castle Rock, Wash.
Peabody Coal Co., 332 S. Michigan av, Chicago, Ill.
Peabody, E. A., & Son, contractors, Lawrence, Mass.
Peabody, Geo., Jr., contractor, Union Arcade bldg, Pittsburgh, Pa.
Peabody, Hy. W., & Co., hdwe. mfrs., shellac, etc., 17 State, New York.
Peabody Leather Co., machsts. & fndrs., Peabody, Mass.
Peabody, S. J., Lbr. Co., Columbia City, Ind.
Peabody School Furniture Co., North Manchester, Ind.
Peabody, Wilson & Brown, architects, 389 5th av, New York.
Peace Bros., contractors, 20 Main, Flushing, N. Y.
Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
Peach, J. A., sporting & athletic gds. mfrs., Gloversville, N. Y.
Peacock Coal Co., Pomeroy, Ohio.
Peacock & Co., turpentine, Climax, Ga.
Peacock & Frank, architects, 445 Milwaukee, Milwaukee, Wis.
Peacock, Kelly & Co., turpentine, Vidalia, Ga.
Peacock Mill Co., flour, Freewater, Ore.
Peacon, Richard, & Co., mill & facty. supplies, plumbers' supplies, Key West, Fla.
Peagler, H. M., turpentine, Homerville, Ga.
Peak, C. W., wood alcohol, Peakville, N. Y.
Peak, Cyrus, stone producers, Long Eddy, N. Y.
Peak, Hy., butchers' blocks, Peabrook, N. Y.
Peak Lumber Co., sash, door & blind, Lynchburg, Va.
Peal, R., architect, 12429 Cedar rd, Cleveland, Ohio.
Peale-Coryell Lbr. Co., 949 B'way, New York.
Pearce Bros., contrs., Rockford, Ill.
Pearce, Chas. W., machsts., Scranton, Pa.
Pearce, F. T., Co., gold pens, 85 Sprague, Providence, R. I.
Pearce Fdry. Mach. Wks., Baton Rouge, La.
Pearce, Fred'k, Co., telegraphic instruments & elect'l apparatus, 20 Rose, New York.
Pearce, J. E., & Co., furniture, 193H 7th av, New York
Pearce, Geo. B., & Co., knitting mach., cylinders, etc., 2316 N. 8th, Philadelphia, Pa.
Pearce, H. B., architect, Arcade Bldg., Seattle, Wash.
Pearce, J. F. & Son, masons' & bldrs.' matls., ft of Eagle, St. Paul, Minn.
Pearce Mfg. Co., woolen blankets, Latrobe, Pa.
Pearce, W. H., & Co., meters, traps, vacuum valves, etc., 115 S Dearborn, Chicago, Ill.
Pearce, Wm., & Sons, machsts. & fndrs., Ogden, Utah.
Pearch, J., masons' & bldrs.' matls., Uhrichsville, Ohio.
Peare & Quiner, architects, 6 Beacon, Boston, Mass.
Pearl Art Works, toys, games & novelties, 673 W. Madison, Chicago, Ill.
Pearl City Veneer Co., Jamestown, N. Y.
Pearl Clay Products Co., brick, Bradford, Pa.
Pearl Cotton Mills, East Durham, N. C.
Pearl Roller Mill Co., Oswego, Kans.
Pearl Waist Co., Inc., knit goods, Cohoes, N. Y.
Pearlman, M. M., & Co., copper ingots & pig lead, 1700H S 25th, Phila., Pa.
Pearlman, Victor S., & Co., elec. light fix. mfrs., 533 Wabash av, Chicago, Ill.
Pearlstine, I. M., & Sons, whol. hdwe., Charleston, S. C.
Pearsall, A. B., lbr., Red Springs, N. C.
Pearsall & Co., fertilizer, Wilmington, N. C.
Pearse, Howard, meat packers, W. 46th & Packers av, Chicago, Ill.
Pearson, A. E., & Son, canned goods, Lottsburg, Va.
Pearson, Andrew P., stone producers, Oil City, Pa.
Pearson, Carl H., sash, door & blind mfrs., 193 Wallabout, Brooklyn, N. Y.
Pearson Concretetile Co., Morristown, N. J.
Pearson, E. Martin, machsts., nailing tools, Robbinsdale, Minn.
Pearson, Fred, & Co., plushes, Leverington & Wilde, Phila., Pa.
Pearson, Gustav E., architect, 1930 N Keystone av, Chicago, Ill.
Pearson, H. T., contractor, Danville, Va.
Pearson, Harry & Son, contractors, Duluth, Minn.
Pearson, J. C., cornices & skylights, Shelbyville, Ind.
Pearson, J. C., Co., cement coated wire nails, Old South Bldg., Boston, Mass.
Pearson, J. H., mill supplies, 187 Greenwich, New York
Pearson Jack, Co., mfrs. jacks, 185 Franklin, Boston, Mass.
Pearson, Jno. W., Co., armatures, 839 W. Lake, Chicago, Ill.
Pearson, Jos. T., & Sons Co., tex. machy. (hosiery boards), packing box mfrs., 1815 E. Boston, Phila., Pa.
Pearson, Leroy, fndr., Portland, Pa.
Pearson & Ludascher Lbr. Co., Westmoreland & Delaware, Phila., Pa.
Pearson Mfg. Co., tubular boilers, 800 Beaver, Pittsburgh, Pa.
Pearson-Mowbray Co., masons' & bldrs.' matls., Spokane, Wash.
Pearson, Olaf & Son, bldg. contrs., Duluth, Minn.
Pearson & Son, masons' & bldrs.' matls., Beaver Falls, Pa.
Pearson, W. A., mill & facty. supplies, Holyoke, Mass.
Pearson, Walter, machst., Whitman, Mass.
Pearson's, Saml. S., Sons, cornices & skylights, Ottawa, Ill.
Peart, Nields & McCormick Co., lbr. mfrs., Harrison Bldg., Phila., Pa.
Pease, Austin W., architect, 465 Congress, Portland, Me.
PEASE, C. F., CO., engineering & surveying instruments, 820 N Franklin, Chicago, Ill.
See adv index at end of book
Pease, C. R., Construction Co., Bd. of Trade Bldg., Indianapolis, Ind.
Pease Co., granite prod., Milford, N. H.
Pease, E. H., Mfg. Co., grain car loaders, Racine, Wis.
Pease, F. B., Co., ladders, vacuum cleaners, Rochester, N. Y.
Pease, L. F., Co., loom aprons, yacht sails, 7 Crawford, Providence, R. I.
Pease Mfg. Co., sad irons, Cincinnati, Ohio.
Pease P. L. & Co., heaters, etc., Buffalo, N. Y.
Pease Piano Co., Leggett av & Barry, New York.
Pease, Sidney B., contr., Joliet, Ill.
Peaslee-Gailbert Co., plate glass; paint mfrs., Louisville, Ky.
Peaslee, Horace W., architect, 1504 5th, N. W., Washington, D. C.
Peaslee Lumber Co., Westville, N. H.
Peats, Alf., Co., wall paper, mfrs,, 2132 B'way, New York.
Peavey Mfg. Co., axes, cant-dogs, etc., Bangor, Me.
Peavy-Byrnes Lumber Co., Shreveport, La.
Peavy-Wilson Lbr. Co., Pearson, La.
Pech, Gustave, Fdry. & Mfg. Co., archl. iron, Le Mars, Ia.
Peching Belting Co., Orchard & Torsdle, Phila., Pa.
Pechstein Iron Wks, Keokuk, Ia.
Peck, A. T., contr., Seymour, Conn.
Peck, A. W., & J. F., lumber mfrs., Gloversville, N. Y.
Peck, Anderson & Peck Co., heating contrs., Court & Sycamore, Cincinnati, Ohio.
Peck, Asa, & Co., cotton waste, 556 Atwells av, Providence, R. I.
Peck, Benj. T., plumbers' supplies—jobbers, 251 Eddy, Providence, R. I.
Peck & Benson, contractors, 31 Clinton, Newark, N. J.
Peck Brick Co., Haverstraw, N. Y.
Peck Pros., Co., whol. hdwe., Montpelier, Vt.
Peck Bros., & Co., plumbers' supplies—jobbers, New Haven, Conn.
Peck-Burkett Lumber Co., masons' & bldrs.' matls., Danbury, Conn.
Peck, C. A., Hdwe. Co., Christmas tree holders, Berlin, Wis.
Peck, C. L., & Sons, canned goods, Fincastle, Va.
Peck, C., & Son, stone producers, Toledo, Ohio.
Peck & Carmody, F. J., Lbr. Co., constr., Dunmore, Pa.
Peck, Chas. F., architect, 5 E. 42d, New York.
Peck, E. E. & Co., soft metal rivets, Batavia, N. Y.
Peck, Frank B., Co., whol. hdwe., Hornell, N. Y.
Peck Geo. F. Mfg. Co., pump valves, Chelsea, Mass.
Peck, Geo. W., Co., whol. hdwe., Bath, N. Y.
Pack Hardware Co., Canandaigua, N. Y.
Peck & Hills Furn. Co., 1357H S Wabash av, Chicago, Ill.
Peck & Hills Furniture Co., floor coverings, 135 S. Wabash av, Chicago, Ill.
Peck Iron & Steel Works, bands, Kalamazoo, Mich.
Peck, J. S., & Son, interior finish, Cardington, Ohio.
Peck, John L., & Co., machsts., New Haven, Conn.
Peck, Laurence F., architect, 101 Park Row, New York.
Peck Lbr. Mfg. Co., sash, door & blind mfrs., Scranton, Pa.
Peck & Lehmans, contrs., 779 Cherokee, St. Paul, Minn.
Peck & McKay, contractors, Brockton, Mass.
Peck, McWilliams & Co., masons' & bldrs.' matls., Norwich, Conn.
Peck Mfg. Co., special machy., New Haven, Conn.
Peck & Mack Co., whol. hdwe., 356 B'way, New York.
Peck Mill & Grain Co., flour, Jefferson City, Tenn.
Peck, N. & W. J. Co., masons' & bldrs.' matls., 428 E. 48th, New York.
Peck & Peck, h'dwe, Coshocton, New York.
Peck Spring Co., mfrs. of small springs, Plainville, Conn.
See adv index at end of book
Peck & Stenberg, architects, 317 Water, Akron, Ohio
Peck, Stow & Wilcox Co. (The), tobacco counter cutters, mechanics' hand tools, tinsmiths & sheet metal workers' tools, builders' hardware, Southington, Conn., & Cleveland, Ohio. *See adv index at end of book*
Peck, Theo. B., architect, 65 Bank, Waterbury, Conn.
Peck, W. E., & Co., mill & facty. supplies, 104 Pearl, New York.
Peck & White, carriages, Taunton, Mass.
Pecke & Pratt, canned goods, Hilton, N. Y.
Peckham Const. Co., Inc., Niagara Life bldg, Buffalo, N. Y.
Peckham F. W., brass & composition frd's, Boston, Mass.
Peckham, Harry, Jr., htg. contrs., 2345 W. 12th, Chicago, Ill.
Peckham Mfg. Co., metal surfacers, polishing leather, etc., 244 South, Newark, N. J.
Peckham, Wolf & Co., lumber mfrs., Schenectady, N. Y.
Peckinpah Lbr. Co., North Fork, Cal.
Peckinpaugh, Harrison & Co., plow beams, handles—wood, Alton, Ind.
Peckworth C. H. & R. C., contrs., 529 Hudson, New York.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.
Pecos Valley Farm Products Co., canned goods, Dayton, N. Mex.
Pecos Valley Lbr. Co., Roswell, N. Mex.
Pecoto Packing Co., canned goods, Indianapolis, Ind.
Peddle, Chas. R., architect, 136 S. 4th, Phila., Pa.
Peden Iron & Steel Co., San Antonio, Tex.
Peden, W. H., Excelsior Co., Fredericksburg, Va.
Pedersen, J. C., architect, Gering, Neb.
Pedersen Lubricator Co., surgical instruments, 636 1st av, New York.
Pedersen Mfg. Co., auto wrenches, 636 1st av, New York.
Pedersen Mfg. Co., special machy, etc., 236 Middle, Bridgeport, Conn.
Pederson, C. C., architect, Jamestown, N. Y.
Pederson, C., & Son, machsts., La Crosse, Wis.
Pederson & Grobben, sash, door & blind mfrs., 594 National av, Milwaukee, Wis.
Pederson, Hans, contractors, Seattle, Wash.
Pederson, N. P., cornices, Tacoma, Wash.
Pedersen, P. Lavard, architect, 2773 Main, Bridgeport, Conn.
Pedigo & Garry, architects, Bluefield, W. Va.
Pedrick, Geo. C., brick, Flemington, N. J.
Pedrick, Harry Morrison, architect, Lansdowne, Pa.
Pedrick Tool & Machine Co., 3640 N. Lawrence, Phila., Pa.
Peebles & Ferguson, architects, Law Bldg., Norfolk, Va.
Peebles Paving Brick Co., Portsmouth, Ohio.
Pee Dee Brick & Tile Co., brick, Blue Brick, S. C.
Peek & Velsor, powered licorice, 9 Gold, New York.
Peek's, S. H., Sons, agricultural implements, East Aurora, N. Y.
Peekskill Fire Brick Wks., Peekskill, N. Y.
Peekskill Stone Co., Peekskill, N. Y.
Peeling, Geo., paint mfr., Joliet, Ill.
Peelle Co., elevator & folding doors, gates, etc., Stewart av & Harrison pl, Brooklyn, N. Y.
Peeples Hdwe. Co., Savannah, Ga.
Peeples, J. W., lumber, Brooks, Ga.
Peeps, Wm. H., architect, Charlotte, N. C.
Peer Mfg. Co., steam & vertical engines, Comstock, Mich.
Peerless Alloy Co., metals, Denver, Colo.
Peerless Automatic Machine Co., bolt, nut & rivet machy., 1962 W. 77th, Cleveland, Ohio.
Peerless Bedding Co., Bellefontaine, Ohio.
Peerless Belt Lacing Mach. Co., Swanson & Moore, Phila., Pa.

Peerless Belting Co., Indian Church rd, Buffalo, N. Y.
Peerless Blue Print Co., architect'l & engng. supplies, 341 5th av, New York.
Peerless Boiler Co., range boilers & heaters, 6-8 W. Lake, Chicago, Ill.
Peerless Brass Fdy. Machy. Co., South Bend, Ind.
Peerless Bread Machine Co., Sidney, Ohio.
Peerless Brick Co., Lebanon, Pa., & Seattle, Wash.
Peerless Brick Mach. Co., cement brick machines, 1234 Central av, Minneapolis, Minn.
Peerless Brilliant Lamp Div. of G. E. Co., Warren, Ohio.
Peerless Buggy Co., Owensboro, Ky.
Peerless Carbon Black Co., 1st Nat'l Bk Bldg., Pittsburgh, Pa.
Peerless Coal Co., McCormick bldg, Chicago, Ill.
Peerless Coal & Coke Co., Vivian, W. Va.
Peerless Color Co., aniline colors & dyestuffs, etc., Bound Brook, N. J.
Peerless Drawn Steel Co., Massillon, Ohio.
Peerless Elec. Co., machsts., 550 W. Harrison, Chicago, Ill., & Warren, Ohio.
Peerless Engineering & Construction Co., 133 W. Washington av, Chicago, Ill.
Peerless Exerciser Co., sporting goods, 383 Pearl, B'klyn, N. Y.
Peerless Fertilizer Co., Chestertown, Md.
Peerless Foundry Co., Carthage, Cincinnati, Ohio.
Peerless Fdry. Co., Indianapolis, Ind.
Peerless Freezer Co., Winchendon, Mass.
Peerless Granite Co., artificial stone laundry tubs, Town of Union, N. J., & Barre, Vt.
Peerless Handcuff Co., handcuff makers, Springfield, Mass.
Peerless Heater Co., 5602 Baum blvd, Pittsburgh, Pa.
Peerless Husker Co., canning machy., 523 Cornwall av, Buffalo, N. Y.
Peerless Ice Machine Co., refrigerating machy., 503 S. Jefferson, Chicago, Ill.
Peerless Insulated Wire & Cable Co., 90 West, New York.
Peerless Iron Pipe Exchange, Inc., 288 Jackson av, Long Island City, N. Y.
Peerless Key Co., 176 Fulton, New York.
Peerless Lthr. Spec. Co., advertis'g nov. & spec., 54 Greene, New York.
Peerless Light Co., gasoline lighting systems, 663 W. Washington blvd, Chicago, Ill.
Peerless Mach. Co., hack saws, etc., Racine, Wis.
Peerless Mach'y Co., 44 Binford, S. B., Boston, Mass.
Peerless Mfg. Co., cameras, Norwalk, Conn.
Peerless Mfg. Co., machsts. & fndrs., Louisville, Ky.
Peerless Mfg. Co., paper towels & toilet paper, Norristown, Pa.
Peerless Mfg. Co., wire brushes, New Durham, N. H.
Peerless Marine Motor Co., 2150 Niagara, Buffalo, N. Y.
Peerless Mill Supply Co., 90 Pearl, Buffalo, N. Y.
Peerless Milling Co., flour, Parkersburg, W. Va.
Peerless Moistener Co. See Mohler A. (Successor)
Peerless Motor Car Co., Quincy av & E. 93d, Cleveland, Ohio.
Peerless Nut Co., 4300 Perkins av, Cleveland, Ohio.
Peerless Pacific Co., plumbers' supplies, jobbers, etc., 72 Front, Portland, Dre.
Peerless Paint & Varnish Co., Hippodrome Annex, Cleveland, O.
Peerless Paper Box Mfg. Co., 1137 W. 6th, Cleveland, Ohio.
Peerless Paper Co., book, Dayton, Ohio.
Peerless Pattern & Machine Works, Delaware, Ohio.
Peerless Pattern Wks. Co., 1368 E. 34th, Cleveland, Ohio.
Peerless Plush Mfg. Co., Paterson, N. J.
Peerless Portland Cement Co., Union City, Mich.
Peerless Printing Press Co., Palmyra, N. Y.
Peerless Range Boiler Corp., 108 S. La Salle, Chicago, Ill.
Peerless Roller Mills Co., flour, Austin, Minn.
Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.
Peerless Rubber Co. See U. S. Rubber Co. (successor).
Peerless Sand Co., Oliver Bldg., Pittsburgh, Pa.
Peerless Selling Co., water closet mfrs., Evansville, Ind.
Peerless Slate Co., Delta, Pa.
Peerless Statuary Co., potteries, Rahway, N. J.
Peerless Steel Co., boilers, tanks, structural steel, etc., Ardmore, Okla.
Peerless Steel Shutter Co., Lyric bldg, Richmond, Va.
Peerless Stock Powder Co., sheep dips, insecticides, Falls City, Neb.
Peerless Stove & Mfg. Co., Columbus, Ohio.
Peerless Surface Mach. Co., 207 Market, Newark, N. J.
Peerless Tank & Seat Wks. machts. & fndrs., Evansville, Ind.
Peerless Thinner Co., turpentine substitute, Mt. Wash., Md.
Peerless Tire Fill Co., rubber substitutes, etc., 7117 N Clark, Chicago, Ill.
Peerless Tool Co., lifting jacks, 208 S. La Salle, Chicago, Ill.
Peerless Tube Co., collapsible tubes, Bloomfield, N. J.
Peerless Water Co., heaters, 7 Wood, Pittsburgh, Pa.
Peerless White Lime Co., Century Bldg., St. Louis, Mo.
Peerless Wire Fence Co., Adrian, Mich.
Peerless Wire Goods Co., Lafayette, Ind.
Peery, W. E., whol. hdwe., Tazewell, Va.
Peet Bros., paper clips, 618-20 Cherry, Phila., Pa.
Peet Bros., Mfg. Co., soap, 15 & Kansas av, Kansas City, Mo.
Peet, C. D., common brick, Ithaca, Mich.
Peet & Schuster Co., cornices, Springfield, Ohio.
Peffer, E. Z., contractor, Wilkinsburg, Pa.
Peglar Machinery Co., machsts. & fndrs., Chattanooga, Tenn.
Pehrson, August, lumber, Ferndale, Wash.
Pehrson, G. A., archit., 816 Riverside, Spokane, Wash.
Peightan, Nevin, contractor, Hundington, Pa.
Peirce, A. H., cornices & skylights, Wellington, Ohio.
Pierce-Brown, Inc., iron, Tonawanda, N. Y.
Peirce City Lime Co., Peirce City, Mo.
Peirce, J., Co., granite prod., Greenp't av & Newt'n creek, Brooklyn, N. Y.
Pierce, T. J. H., architect, Indian Tr. bldg., Providence, R. I.
Peirce, W. E., & Co., mill & facty. supplies, Milford, N. H.
Peirce & Williams, masons & bldrs. matls., Bristol, Pa.
Pierson Hardware Co., Pittsfield, Mass.
Pejepscot Paper Co., 111 B'way, New York.
Pekin Canning Co., Salem, Ind.
Pekin Cooperage Co., Pekin, Ill.
Pekin Engine & Machine Works, Pekin, Ill.
Pekin Wagon Co., Pekin, Ill.
Pekor Iron Wks., throttle valves & mill & facty. supplies, etc., Columbus, Ga. *See adv index at end of book*
Pelaggi, N., & Co., granite, Northfield, Vt.
Pelcher, Harry W., architect, Nat'l Bk. Bldg., Fort Richmond, N. Y.
Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.
Pelham, Geo. F., architect, 200 W. 72d, New York.
Pelham Hod Elevat'g Co., 416 W. 26th, New York.
Pelham Mfg. Co., cotton duck & canvas, Pelham, Ga.
Pelham Mills, thread, twine (cotton), Pelham, S. C.
Pelham Oil & Fertilizer Co., Pelham, Ga.
Pelham Operat'g Co., hoist'g engines, 410 W. 26th, New York.
Pelican Bay Lbr. Co., Klamath Falls, Ore.
Pelican Box Factory, Miro & Julia, New Orleans, La.
Pelican Lake Oyster & Packing Co., Ltd., Houma, La.
Pelican Lumber Co., Ltd., Mound, La.
Pelican Sheet Metal Works, Lake Charles, La.
Pelkey, W. H., scythe stones, Fair Haven, Vt.
Pell City Mfg. Co., denims, Pell City, Ala.
Pell, F. Livingston, architect, 151 E 53rd, New York
Pell, Geo. E., crude rubber, 68 Broad, New York.
Pellegrini, A., & Co., elec. & gas light fixture mfrs., 155 W. 29th, New York.
Pellett & Skinner, contractors, Brattleboro, Vt.
Pellez, F., lbr., Tomnolen, Miss.
Pelli, Alexander, & Co., marble interior wk., 509 E. 120th, New York.
Pelligreen Constr. & Inv. Co., Grand & Park av, St. Louis, Mo.
Pellston Planing Mills, lbr., Pellston, Mich.
Pelouze Mfg. Co., spring balances, 232 E. Ohio, Chicago, Ill.
Pels, Henry & Co., machinery dlrs., 90 West, New York.
Pelter, T. A., elec. contr., East San Diego, Cal.
Peltier, C. H., contractor, Faribault, Minn.
Peltier Glass Co., Ottawa, Ill.
Pelton Bros., masons' & bldrs.' matls., Herkimer, N. Y.
Pelton & Crane Co., surgical instruments, 246 Harper, Detroit, Mich.
Pelton, George E., & Co., typewriter ribbons, Georgetown, Ky.
Pelton, Henry C., architect, 151 W 42nd, New York
Pelton, R. B., contractor, 2906 Clinton av, Minneapolis, Minn.
Pelton Steel Co., elec. castings, 672 Kinnickinnic, Milwaukee, Wis.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York.
Pelzer Mfg. Co., cotton sheetings, Pelzer, S. C.
Pember & Campaigne, architects, 24 James, Albany, N. Y.
Pemberton Co., cotton flannels, denims, Lawrence, Mass.
Pemble, Wm., & Sons, paper & pulp mills, Stillwater, N. Y.
Pembroke Roller Mills, flour, Pembroke, Ky.
Pemple Fr., cornices, 17 Bismarck, Boston, Mass.
Pemple, Geo. C., cornices & skylights, 27 Eustis, Boston, Mass.
Pen Carbon Mfg. Co., duplicatng app., New Brunswick, N. J.
Penberthy Injector Co., machsts. & brass fndrs., 346 Holden av, Detroit, Mich.
Penbryn Brick Co., Bridgeton, N. J.
Pence Automobile Co., 800 Hennepin av, Minneapolis, Minn.
Pence, John, steel structural work, West Alexandria, Ohio.
Pence Mailing Mach. Co., Minneapolis, Minn.
Pence, M. E., pearl buttons, Dallas City, Ill.
Pence, Wm. H., machst. & fndr., Fairfield, Ia.
Pencil Exchange, advtg. novelties, 73 Fleet, Jersey City, N. J.
See adv. index at end of book.
Pencil-Printing Co., 140 S. 4th, Philadelphia, Pa.
Pender, R. T., heaters, Lynn, Mass.
Pendleton Co., hatch & tackle blocks, 308 S. Water, Providence, R. I.
Pendleton & Gilkey, lbr., 954 McKnight Bldg., Minenapolis, Minn.
Pendleton Iron Wks., machsts. & fndrs., Pendleton, Ore.
Pendleton, L. Baylor, architect, 119 N 7th, St. Louis, Mo.
Pendleton Lumber Co., Santa Ana, Cal
Pendleton Oil Mill, meal, Pendleton, S. C.
Pendleton, S. H., Lumber & Mill Co., Santa Ana, Cal.
Pendleton & Townsend, sash, door & blind mfrs., Patterson, N. Y.
Pendleton Woolen Mills, Pendleton, Ore.
Pendleton, W. S., Jr., & Co., mill & facty. supplies, 164 Front, New York.
Penfield Mfg. Co., projectors, Meriden, Conn.
Penfield Saw Works, mach. knives, Bristol, Conn.
Penfield & Stone, flour mills, Camden, N. Y.
Penick & Ford, Ltd., canned goods, Whitney Bldg., New Orleans, La.
Penick, Hughes Co., whol. hdwe., Stamford, Tex.
Penick, R. A., & Son, whol. hdwe., South Boston, Va.
Peninsula Box & Lumber Co., Menominee, Mich.
Peninsula Iron Wks., St. Johns, Ore.
Peninsula Lbr. Co., Portland, Ore.
Peninsula Shipbuilding Co., Portland, Ore.
Peninsular Auto Parts Co., cam shafts, 46 E. Lafayette, Detroit, Mich.
Peninsular Box & Lbr. Co., shooks, Menominee, Wis.
Peninsular Brass Wks., machsts., Walter & Warren, Detroit, Mich.
Peninsular Casket Co., 4445 Galster av, Detroit, Mich.
Peninsular Emery Wheel Co., 253 Meldrum, Detroit, Mich.
Peninsular Fertilizer Co., Palatka, Fla.
Peninsular Machy. Co., mill & facty. supplies, 279 E. Jefferson, Detroit, Mich.
Peninsular Milled Screw Co., 1090 Lafayette, Detroit, Mich.
Peninsular Naval Stores Co., Jacksonville, Fla.
Peninsular Paint & Varnish Co., St. Aubin & M. C. R. R., Detroit, Mich.
Peninsular Paper Co., Ypsilanti, Mich.
Peninsular Portland Cement Co., Cement City, Mich.
Peninsular Shipbuilding Co., Portland, Ore.
Peninsular Smelting & Refining Co., 4683H W Jefferson av, Detroit, Mich.
Peninsular Stove Co., 8th & Fort, Detroit, Mich.
Peninsular Tool Salvage Co., cutters (milling), 45 Fort, E., Detroit, Mich.
Penley, E. W., meat packers, Auburn, Me.
Penley, Gilman H., fndr. & machst., South Paris, Me.
Penman, Littlehales Chem. Co., ferrocyanide sodium, Syracuse, N. Y.
Pen-Mar Distilling Co., Waynesboro, Pa.
Penn, A. C., Inc., safety razor mfrs., 100 Lafayette, New York.
Penn-Allen Cement Co., Allentown, Pa.
Penn American Refining Co., Rouseville, Pa., & Oil City, Pa.
Penn Art Steel Wks., steel band boxes, waste baskets & letter trays, Erie, Pa.
Penn Beef Co., meat packers, 48 N. Delaware, Philadelphia, Pa.
Penn Boiler & Mach. Wks., Reading, Pa.

Penn Brass & Bronze Wks., machsts. & fndrs., 111 Dobbin, Brooklyn, N. Y.
Penn Bridge Co., machsts. & fndrs., Beaver Falls, Pa.
Penn Burner & Plating Co., Inc., gas heaters & logs, 214 W. Ohio, N. S., Pittsburgh, Pa.
Penn Button Wks., 13th & Hamilton, Philadelphia, Pa.
Penn Chemical Co., wood acids, Susquehanna, Pa.
Penn Chemical Wks., 1332 Washington av, Philadelphia, Pa.
Penn Coke Co., Uniontown, Pa.
Penn Contrg. Co., Dept. H, Carrolltown, Pa.
Penn Const. Co., metallic furn., Marietta, Pa.
Penn Drilling Co., core drills, 1812 W. Carson, Pittsburgh, Pa.
Penn Electrical & Mfg. Co., machsts., Irwin, Pa.
Penn Enamel Sink Co., fndrs., Indiana, Pa.
Penn Engng. Co., mill & facty. supplies, 1119 N. Howard, Phila., Pa.
Penn Equipment Co., mill & facty supplies, Park Bldg., Pittsburgh, Pa.
Penn-Florida Lbr. Co., Phila., Pa.
Penn Fndry. Co., Johnston, Pa.
Penn Foundry & Mfg. Co., machsts. & fndrs., Basic, Va.
Penn Foundry & Mfg. Co., Reading, Pa.
Penn, H. M., Co., elec. & gas light fixtures, 306 Washington, Newark, N. J.
Penn Hdwe. Co., whol. hdwe., 521 Commerce, Phila., Pa.
Penn-Hardware Co., Reading, Pa.
Penn Iron & Coal Co., blast furnaces, Dover, Ohio.
Penn Iron Mining Co., ores, Philadelphia, Pa.
Penn-Keystone Co., pumice stone impts., 41 Union sq, New York.
Penn Lock Wks., 126 N. 4th, Philadelphia, Pa.
Penn Lbr. Co., 1420H Chestnut, Phila., Pa.
Penn Mfrs. Assn., Finance Bldg., Philadelphia, Pa.
Penn Mfg. Co., clothes bars, dryers, mop sticks & towel racks, North Girard, Pa.
Penn Mfg. & Supply Co., Wilkes-Barre, Pa
Penn Metal Ceiling & Roofing Co., (Ltd.), See Penn Metal Co. (Successors)
Penn Metal Co., sheet iron & steel building material, 65 Franklin, Boston, Mass.
Penn Mill Co., flour, Hanover, Pa.
Penn Mill & Mine Supply Co., 523 1st av, Pittsburgh, Pa.
Penn Mold & Mfg. Co., ingot molds, Wheeling Bk. & Trust Bldg., Wheeling, W. Va.
Penn Oil & Supply Co. (Ltd.), compounds, Oil City, Pa.
Penn Piston Ring Co., 203 St. Clair av, N. E., Cleveland, Ohio.
Penn Planing Mill Co., Reading, Pa.
Penn Refining Co., bicycle oils, Oil City, Pa.
Penn Pottery Co., plumbers' supp., Westmoreland & Tulip, Phila., Pa.
Penn Seaboard Steel Corp., steel castings, ingots, billets, blooms & anchors, Franklin Bank bldg, Phila., Pa.
Penn Spring Wks., Baldwinsville, N. Y.
Penn Steel & Iron Corp., iron bar mills, Lancaster, Pa.
Penn Sumter Lbr. Co., Sumter, S. C.
Penn Swing & Ladder Co., com. step ladder chairs, Lancaster, Pa.
Penn Table Co., Huntington, W. Va.
Penn Tack Co., Norristown, Pa.
Penn Wheelbarrow Co., table lamps, 4741 Kansas, Pittsburgh, Pa.
Pennant Nov. Co., 322 B'way, New York.
Pennebaker-Turley, hosiery bands, labels, Chattanooga, Tenn.
Pennef, Arthur J. S., switchboards, 500 W. 144th, New York
Pennell, C. M., contractor, Council Bluffs, Ia.
Pennell, Edmond, lumber, Penna Bldg., Philadelphia, Pa.
Pennell, J. F., Inc., grey iron castings & forgings, 206 B'way, New York.
Penney, Albert W., contr. & bldr., New Haven, Conn.
Penney & Bunt, stone & granite producers, wkrs. & dlrs., Willow av. & 132d, New York.
Penney, Frederic Houghton, architect, Union Bk. Bldg., Pittsburgh, Pa.
Penney, J. W., & Sons Co., mill & facty. supplies, Mechanic Falls, Me.
Penniman, A. C., & Son, Hardware Co., Fort Scott, Kans.
Penniman & Browne, testing laboratories, 215 E. Fayette, Baltimore, Md.
Pennington, A. R., & Co., paper & pulp mills, Forestport, N. Y.
Pennington, Alfred, contractor, Plattsburgh, N. Y.
Pennington, C. S., contractor, 438 W. 45th, New York.
Pennington Canning Co., Pennington, N. J.
Pennington, Chas. S., architect, 14707 Lake av, Cleveland, Ohio.
Pennington, Josias, architect, Professional bldg, Baltimore, Md.
Pennington, Pleasants, architect, 2 E. 41st, New York, & 1699 Montgomery, San Francisco, Cal.
Pennington, Prince A., contractor, 138 W. 31st, New York.
Pennington Trap Rock Co., 1539 Filbert, Phila., Pa.
Pennock & Brosius, masons' & bldrs.' matls., Avondale, Pa.
Pennock, Meda H., brick, Arlington, N. Y.
Pennock-Walter, Mfg. Co., wagon & carriage spokes, Algood, Tenn.
Pennoyer, J. C., Co., cooperage stock, 8 S. Dearborn, Chicago, Ill.
Pennsburg Mfg. Co., sash, door & blind, Pennsburg, Pa.
Pennsy Motors Co., Penn av, nr. Allegheny av, N. S., Pittsburgh, Pa.
Pa. Alcohol & Chemical Co., 136 N. Water, Philadelphia, Pa.
Pa. Blackboard Co., Slatington, Pa.
Pa. Boiler Works, Erie, Pa.; Export Dept., 43 Cedar, New York
Pa. Brake Beam Co., steel struct. mills, Danville, Pa.
Pa. Bldg. Supply Co., 2124 I, N W, Washington, D. C.
Pa. Burial Case Co., coffins, etc., Reynoldsville, Pa.
Pa. Casket Co., 604 Diamond, Philadelphia, Pa.
Pa. Casting & Machine Co., 501 Preble, Pittsburgh, Pa.
Pa. Cement Co., Bath, Pa., & 30 E. 42d, New York.
Pa. Clay Co., brick, 421 Wood, Pittsburgh, Pa.
Pa. Coal Co., anthracite, Scranton, Pa.
Pa. Coal & Coke Corp., bituminous, Whitehall bldg, New York.
Pa. Coal & Supply Co., masons' & bldrs.' matls., Caswell blk., Milwaukee, Wis.
Pa. Construction Co., ballot boxes, guard rails, folding tables & electric booths, Marietta, Pa.
Pa. Cooperage Co., oil barrels, Oil City, Pa.
Pa. Crusher Co., Stephen Girard Bldg., Philadelphia, Pa.
Pa. & Delaware Oil Co., 90 West, New York.
Pa. Door & Sash Co., 902 2d av, Pittsburgh, Pa.
Pa. Drop Forging Co., finished agrlt. steel shapes, 937 French, Pittsburgh, Pa.
Pa. Elevator Co., Hartje Bldg., Pittsburgh, Pa.

Pa. Engineering Co., heating contrs. & steam fitters' supplies, Philadelphia, Pa.
Pa. Engng. Wks., machsts. & fndrs., New Castle, Pa.
Pa. Equipment Co., 2d hand R. R. equip., Crozer Bldg., Philadelphia, Pa.
Pa. Feldspar Co., Harrison Bldg., Philadelphia, Pa.
Pa. Fibreform Co., shipping cases, 119 S. 4th, Philadelphia, Pa.
Pa. Fire Brick Co., Beech Creek, Pa.
Pa. Fireproofing Co., Erie, Pa.
Pa. Flexible Metallic Tubing Co., Broad & Race, Phila., Pa.
Pa. Forge Co., Jenks & Bath, Philadelphia, Pa.
Pa. Furnace & Stove Co., Warren, Pa.
Pa. Gas Co., Oil City, Pa.
Pa. Gasoline Co., Bradford, Pa.
Pa. Glass Co., glass bottles, fruit jars etc., Anderson, Ind
Pa. Glass Mfg. Co., shades & reflectors, 404 Diamond, Pittsburgh, Pa.
Pa. Glass Sand Co., 341 4th av, Pittsburgh, Pa.
Pa. Globe Gas Light Co., 1934 Market, Philadelphia, Pa.
Pa. Grinding Wheel Co., 4543 Wayne av, Philadelphia, Pa.
Pa. Hard Vein Slate Co., roofing slate mfrs., Easton, Pa.
Pa. Hdwe. & Paint Co., whol., 6103 Penn av, Pittsburgh, Pa.
Pa. Instrument Co., 616-618 Chestnut, Phila., Pa.
See adv. index at end of book
Pa. Iron Wks., fndrs., Eddystone, Pa.
Pa. Knitting Mills, sweaters, 16th & Callowhill, Phila., Pa.
Pa. Lawn Mower Works, 1615 N. 23d, Phila., Pa.
Pa. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
Pa. Lbr. Co., Sheffield, Pa.
Pa. Marble & Granite Co., West Grove, Pa.
Pa. Marine & Ordnance Castings Co., Wilmington, Del.
Pa. Mary Coal Co., bituminous, Bethlehem, Pa.
Pa. Match Co., Bellefonte, Pa.
Pa. Metal Culv. Co., Warren, Pa.
Pa. Military Coll., engng. school & coll., Chester, Pa.
Pa. Oil Co., lubrg., Erie, Pa.
Pa. Oil & Grease Co., mill & ftcy. supp., Atlanta, Ga.
Pa. Oil Products Ref. Co., Eldred, Pa.
Pa. Oiler Co., engine oilers, 250 Fulton, New York.
Pa. Optical Co., Reading, Pa.
Pa. Paraffine Wks., oils, etc., Titusville, Pa.
Pa. Petroleum & Supply Co., lubrg. oils, packing mfrs., 115 N. 2d, Philadelphia, Pa.
Pa. Pneumatic Co., air compressors, Erie, Pa.
Pa. Pulverizing Co., flint, Lewistown, Pa.
Pa. Pump & Compressor Wks., Dept. H, Easton, Pa.
Pa. R. R. Co., machsts. & fndrs., North Side, Pittsburgh, Pa.
Pa. R. R. Marine Shops, ft. 10th, Hoboken, N. J.
Pa. Range Boiler Co., 2024 N. 10th, Philadelphia, Pa.
Pa. Refining Co., petroleum, Karns City, Pa.
Pa. Rubber Co., Jeannette, Pa.
Pa. Salt Mfg. Co., chemicals, Widener Bldg., Philadelphia, Pa.
Pa. Shafting Co., machsts. & fndrs., Spring City, Pa.
Pa. Silk Co., umbrella cloth, Bangor, Pa.
Pa. Slate Co., roofing slate mfrs., Slatington, Pa.
Pa. Smelting Co., 1st National Bank bldg, Pittsburgh, Pa.
Pa. Smelting & Refining Wks., babbitt metal, 906 Filbert, Philadelphia, Pa.
Pa. Soap Co., Lancaster, Pa.
Pa. Stamping Co., York, Pa.
Pa. State Coll., engng. school & coll., State College, Pa.
Pa. Stone, Cement & Supply Co., masons' & bldrs.' supplies, Lancaster, Pa.
Pa. Stove Pattern Wks., 215 N. 2d, Philadelphia, Pa.
Pa. Stove & Range Co., Spring City, Pa.
Pa. Structural Slate Co., Inc., 309-311 Drake Bldg., Easton, Pa.
Pa. Tank Car Co., tank cars (all kinds), Sharon, Pa.
Pa. Tool & Mfg. Co., dies, jigs, etc., York, Pa.
Pa. Trojan Powder Co., Allentown, Pa.
Pa. Trunk Co., 2 Washington, Pittsburgh, Pa.
Pa. Window Glass Co., Kane, Pa.
Pa. Wire Glass Co., rough & skylight glass, Pa. Bldg., Philadelphia, Pa.
Pa. Wire Wks., refuse burners, 412 N. 18th, Philadelphia, Pa.
Pa. Woven Wire Co., woven wire fences, Lock Haven, Pa.
Penntroy Corp., couplings, Troy, Pa.
Penny, Geo. L., masons' & bldrs.' matls., Mattituck, N. Y.
Penny, Isaac, contractor, Phelan Bldg., San Francisco, Cal.
Pennypacker W. G., Jr., cooperage stock, Mutual Life Bldg., Buffalo, N. Y.
Penobscot Chemical Fibre Co., 49 Federal, Boston, Mass.
Penobscot Lbr. & Box Co., Brewer, Me.
Penobscot Machy. Co., Bangor, Me.
Penoyar Lbr. Co., Igerna, Cal.
Penrhyn Slate Co., Hydeville, Vt.
Penrhyn Slate Co., Middle Granville, N. Y.
Penrod-Jurden & McCowen, lbr., Bk. of Commerce Bldg., Memphis, Tenn.
Penrod Walnut & Veneer Co., lbr. mfrs., Kansas City, Mo.
Penrose Motor, Inc., gas engines, Penna Bldg, Phila., Pa.
Pensacola Cooperage Co., Pensacola, Fla.
Pensacola Excelsior Co., excelsior mfrs., Pensacola, Fla.
Pensacola Gas Engine & Supply Co., Pensacola, Fla.
Pensacola Lumber & Timber Co., Pensacola, Fla.
Pensacola Mattress Co., Pensacola, Fla.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Pentecost, D. S., architect, 4309 N Ashland av, Chicago, Ill.
Pentecost, Geo. F., Jr., landscape architect, 15 E. 40th, New York.
Pentis, James & Son, contrs., Brookfield, Ill.
Penton Advtg. Co., spec., 400 Chestnut, Phila., Pa.
Pentucket Narrow Fabric Mills, Lowell, Mass.
Pentucket Wood Heel Co., Haverhill, Mass.
Penwarden, E. Darwin, chemicals, Carley Brook, Pa.
Peo, Leon L. & Co., motor boat bldrs., Cape Vincent, N. Y.
Peoples, Alfred D., mill & facty. supplies, Wilmington, Del.
Peoples Bros., masons' & bldrs.' matls. & contrs., 25th & Callowhill, Philadelphia, Pa.
Peoples & Cheney, architects, Haas Bldg., Los Angeles, Cal.
Peoples Coal & Masons' Supply Co., Lynn, Mass.
Peoples Cotton Oil Co., Lafayette, La.
Peoples Fertilizer Co., Bay Minette, Ala.
Peoples Gas Fixture Co., 6th & Main, Cincinnati, Ohio.
People's Hardware Co., Gary, Ind.
People's Hdwe Co., mill & facty. supplies, Muskegon, Mich.
Peoples Lumber Co., Salem, Ohio.
Peoples Lumber & Supply Co., Augusta, Ga.
Peoples Oil Co., Augusta, Ga.
Peoples Oil & Fertz. Co., Anderson, S. C.

Peoples Plumbing & Heating Supply Co., 490 Milwaukee, Chicago, Ill.
Peoples Scrap Iron & Metal Co., 1528 N. 2d, Minenapolis, Minn.
Peoples Standard Lbr. Co., Glendale, Ariz.
Peoples, U. J. L., architect, Nonan bldg, Pittsburgh, Pa.
Peoria Auto-Kot Co., Peoria, Ill.
Peoria Brick & Tile Co., Peoria, Ill.
Peoria Builders' Supply Co., Peoria, Ill.
Peoria Can Co., Peoria, Ill.
Peoria Casket Co., Peoria, Ill.
Peoria Coal Drill Wks., Peoria, Ill.
Peoria Cordage Co., Peoria, Ill.
Peoria Drill & Seeder Co., Peoria, Ill.
Peoria Elec. Fix. Co., Peoria, Ill.
Peoria Fdry. Co., Peoria, Ill.
Peoria Fuel Co., masons' & bldrs.' matls., Peoria, Ill.
Peoria Lounge & Mattress Co., Peoria, Ill.
Peoria Roofing Co., cornices, Peoria, Ill.
Peoria Stone & Marble Wks., 140 S. Dearborn, Chicago & Peoria, Ill.
Peoria Tent & Awning Co., 119 Main, Peoria, Ill.
Peoria Tractor Co., engines, Peoria, Ill.
Peoria Trunk Fcty., Peoria, Ill.
Pepin, Delos T., contractor, East Hampton, Mass.
Peppard, O. E., contractors, Missoula, Mont.
Pepper, J. H., brick, Middle Granville, N. Y.
Pepper, J. W., mill & facty. supplies, Madison, Wis.
Pepper, Jno., Sr., fishing tackle & rods, Rome, N. Y.
Pepperell Mfg. Co., cotton sheetings, Biddleford, Me.
Pepperton Cotton Mills, Jackson, Ga.
Peppler, Thos., Son & Co., agric. implts., Highstown, N. J.
Pequannock Valley Paper Co., Butler, N. J.
Pequanoc Rubber Co., Butler, N. J.
Pequaonnock Fdry., gray iron castings, Bridgeport, Conn.
Pequot Brass Foundry, Norwich, Conn.
Percival Iron Co., 232 Aliso, Los Angeles, Cal.
Percy & Small, ship bldrs., Bath, Me.
Perdido Lbr. Co., Millview, Fla.
Perdue, W. B., brick, Elba, Ala.
Pereira, Percival R., architect, 110 W. 40th, New York.
See adv index at end of book.
Peren, C. P., & Marshall, S. M., consulting engnrs., 1107H B'way, New York
Perey Mfg. Co., Inc., turnstiles, 30 Church, New York.
See adv. index at end of book
Perfect Cornice & Roofing Co., 457 E. 180th, New York.
Perfect Floor Surfacing Co., 614 Race, Cincinnati, Ohio.
Perfect Gas Controller & Fix. Co., regulators, 10550 Prospect av, Chicago, Ill.
Perfect Mfg. Co., vehicle washers, Box 350, Albany, N. Y.
Perfect Safety Window Guard, clean'g appliances, 15 E. 40th, New York.
Perfect Stove & Mfg. Co., Belleville, Ill.
Perfect Tank & Seat Co., closet seats, Syracuse, N. Y.
Perfect Window Regulator Co., 20 Exchange pl, New York.
Perfection Bed Spring Co., Mansfield, Ohio.
Perfection Check Protector Co., Williamsport. Pa.
Perfection Concrete Stave Silo Co., Des Moines, Iowa.
Perfection Cooler Co., Michigan City, Ind.
Perfection Furnace Pipe Co., Toledo, Ohio.
Perfection Grate & Supply Co., Springfield, Mass.
Perfection Heater & Mfg. Co., auto heaters, 6453 Carnegie av, Cleveland, Ohio
Perfection Mfg. Co., grass catchers & lawn swings, 2701 N Leffingwell av, St. Louis, Mo.
Perfection Mfg. Co., cow milking machs., 2119 E. Hennepin, Minneapolis, Minn.
Perfection Mfg. Co., toothpicks, River Rouge, Mich.
Perfection Mfg. Co., veneer mfrs., Penobscot bldg., Detroit, Mich.
Perfection Machine Works, Inc., 18 Norris, Buffalo, N. Y.
Perfection Mattress & Spring Co., Birmingham, Ala.
Perfection Metal Bar Co., store front const., 3321 Lorain av, Cleveland, Ohio.
Perfection Metal Products Co., road culverts, silos, tanks, etc., Topeka, Kans.
Perfection Oil Co., lubrg., Olean, N. Y.
Perfection Shear Co., Bridgeport, Conn.
Perfection Piston Ring Co., Ravenna, Ohio.
Perfection Storage Battery Co., 500 E. 40th, Chicago, Ill.
Perfection Supply Co., elect'l brushes, holders, etc., 98 Park pl, New York.
Perfection Tire & Rubber Co., auto tires & tubes, Fort Madison, Iowa.
Perfection Tube Co., inner tubes, Painesville, Ohio.
Perfection Vacuum Cleaner Co., 25 N. Jefferson, Chicago, Ill.
Perfection Wood Steaming Retort Co., Parkersburg, W. Va.
Perfex Radiator Co., Racine, Wis.
Perforated Pad Co., hdwe. mfrs., Woonsocket, R. I.
Perforated Pattern Co., embroidery pattern perforating machy., 30 E. 20th, New York.
Perine Bros. Iron Works, Topeka, Kans.
Perine, M., & Sons, potteries, 1009 W. Baltimore, Baltimore, Md.
Perine Machinery Co., dlrs., Seattle, Wash.
Perine Plow Works. See Perine Bros. Iron Wks. (Successors)
Perkes, Chas., Co., plumbers' supplies, jobbers, 627 Arch, Philadelphia, Pa.
Perkins Appliance Co., concrete hangers, Springfield, Mass.
Perkins, Arthur L., Co., mill, facty. & plumbers' supplies, 144 12th, Jersey City, N. J.
Perkins, B. F., carriages, Farmington, N. H.
Perkins, B. F., & Son, paper & pulp machy., elec. disc fans, Holyoke, Mass.
Perkins Box Co., packing, Gloucester, Mass.
Perkins Bros., machsts. & fndrs., Havana, Ill.
Perkins Bros., lbr., Kelso, Ark.
Perkins Bros. Co., pads & tablets, Sioux City, Ia.
Perkins Bros. Co., plate glass, sash, door & blind mfrs., 970 Westminster, Providence, R. I.
Perkins, C. N., Co., hook & ladder trucks, Lawrence, Mass.
Perkins-Campbell Co., harness, saddles, etc., 622 B'way, Cincinnati, Ohio.
Perkins, Chas. P., skiver knives, Brockton, Mass.
Perkins & Co., machsts. & fndrs., Grand Rapids, Mich.
Perkins, Dwight H., architect, 814 Tower Ct, Chicago, Ill.
Perkins, E. B., contractor, 133 W. Washington, Chicago, Ill.
Perkins Elec. Switch Mfg. Co. See Bryant Electric Co. (Successors).
Perkins, F. H., architect, Lumber Exchange bldg., Seattle, Wash.
Perkins Fdry. Co., Amsterdam, N. Y.
Perkins, Frank W., architect, 64 E. Van Buren, Chicago, Ill.
Perkins, F. S., Co., screw cutting lathes, Lowell, Mass.
Perkins, Geo. E., chemists, 1620 Smith, Providence, R. I.
Perkins Glue Co., Lansdale, Pa.
Perkins, Goodwin & Co., china clays, 33 W. 42d, New York.
Perkins Grinder Co., grinding machines, 706 American Trust Bldg., Cleveland, Ohio.
Perkins, H. F., stone producers, Lena, Ill.
Perkins, Hy., Co., machsts. & fndrs., Bridgewater, Mass.
Perkins, Isaiah W., carriage bodies, Lynn, Mass.
Perkins, J. A., architect, Haverhill, Mass.
Perkins, J. T., Co., press cloths, 669 Kent av, Brooklyn, N. Y.
Perkins & Jackson, contractors, Wheeling, W Va.
Perkins, Lloyd, stone polishing lathes, Middleboro, Mass.
Perkins & McWayne, architects, Sioux Falls, S. D.
Perkins Mfg. Co., iron architect & ornamental, fireproof doors, shutters, etc., University & Fairview avs, St. Paul, Minn.
See adv index at end of book.
Perkins Mfg. Co., lumber, Augusta, Ga.
Perkins Marine Lamp Co., 1943 Pitkin av, Brooklyn, N. Y.
Perkins Oil Co., Memphis, Tenn.
Perkins & Richards, second-hand machinery, 17 Albany, N. Y.
Perkins Sash & Door Co., Augusta, Ga.
Perkins Steel Co., Inc., 145 Liberty, New York
Perkins, S. W., lumber, Fairlee, Vt.
Perkins, T. C., architects, 362 Bement av, West New Brighton, N. Y.
Perkins, W. J., flour, Helton, N. C.
Perkins Wind Mill Co., wind mill & gasoline engine mfrs., Mishawaka, Ind
Perkinson Bros., Constr. Co., 3237 Carter av, St. Louis, Mo.
Perkinson & Brown, cornices, 412 N. Lincoln, Chicago, Ill.
Perkinson & Finn, contractors, Petersburg, Va.
Perkiomen Crushed Stone Co., Green Lane, Pa.
Perkiomen Paper Co, Pennsburg, Pa.
Perks, John, contractor, Scranton, Pa.
Perl Bros., architects, N. Y. Life Bldg., Minneapolis, Minn.
Perley, A. P., lbr., Williamsport, Pa.
Perley & Crockett, lbr., Black Mt., N. C.
Perlman, A., Iron Wks., Inc., 1725 West Farms rd, New York.
Permalize Storage Battery Co., Indianapolis, Ind.
Perlstein, Morris, architect, Middle Village, N. Y.
Perma-Loc Mfg. Co., gasket cements, Dept. H, Wilkes-Barre, Pa.
Permanent Advtg. Co., signs, cardboard, Reading, Pa.
Permutit Co., water softening app., 440 4th av, New York.
Pero Fndry. Co., Worcester, Mass.
Pero & Stoecker. See New Louisville Rendering Co. (Successors)
Perollat Bros., mill & facty. supplies, 331 W. Mad., Chicago, Ill.
Perolin Co. of America, boiler compounds, 1112 W. 37th, Chicago, Ill.
Perpente Mfg. Co., hdwe. mfrs., New Haven, Conn.
Perrigo, A. B., coffins, etc., 3913 Cottage Grove av, Chicago, Ill.
Perrin, Seamans & Co., steamfitters' supplies, 57 Oliver, Boston, Mass.
Perrin, W. M., architect, Miller bldg, Yakima, Wash.
Perrin, Wm. R., & Co., filter presses & hydraulic presses, etc, 37 W. Van Buren, Chicago. Ill.
Perrine-Armstrong Co., lumber mfrs., Ft. Wayne, Ind.
Perrine, Atwood, masons' & bldrs.' matls., Harrison, Ohio.
Perrine & Buckelow, masons' & bldrs.' matls., Jamesburg, N. J.
Perritt Iron & Roofing Co., cornices, Rosedale & P. R. R., Pittsburgh, Pa.
Perrizo & Sons, lbr. mfrs., Daggett, Mich.
Perrott Mfg. Co., rubber mats & matting, Dept. H, Beaver Falls, Pa.
Perrow-Evans Hardware Co., Lynchburg, Va.
Perry, A. G., Plow Co., machsts. & fndrs., Coldwater, Miss.
Perry, A. P., Lbr. Co., McIntosh, Wash.
Perry, A. W., contr. & bldr., Stonington, Conn.
Perry-Austen Mfg Co., paint remover, Grasmere, S. I., N. Y.
Perry Bros., contractors, Montgomery, Ala.
Perry Bros., granite producers, Concord, N. H.
Perry & Brown, cornices & skylights, Putnam, Conn.
Perry, Buxton, Doane Co., second-hand pipe, First, Boston, Mass.
Perry, C. H., machst. & fndr., Miami, Fla.
Perry, C. T., & Co., soap, Helena, Mont.
Perry, Chas. B., contractor, 3022 14th, N. E., Washington, D. C.
Perry, Chas. E., paper, 77 Washington, N. Boston, Mass.
Perry County Coal Corp., Boatmen's Bk. bldg, St. Louis, Mo.
Perry, D. S., & Co., corn brooms, Urbana, Ohio.
Perry, Delbert R., architect, New Britain, Conn.
Perry-Derrick Varnish Co., Vine & C. & O. Ry., Dayton, Ohio
Perry, E. C., & Son, contractors, Duluth, Minn.
Perry, Emerson E., contractor, Attleboro, Mass.
Perry, F. A., Warehouse, fertilizer, Sale City, Ga.
Perry, F. W., Machine Co., Youngstown, Ohio.
Perry-Fay Mfg. Co., screw machine products, Elyria, Ohio.
Perry-Fraser Lbr. Co., Noxapater, Miss.
Perry, G. F., & Sons, masons' & bldrs.' matls., 261 Fabyan pl, Newark, N. J.
Perry, Geo. W., contractor, Ithaca, N. Y.
Perry Glove & Mitten Co., Perry, Mich.
Perry Grain & Cement Co., masons' & bldrs.' matls., Vicksburg, Miss.
Perry Granite Co., Waterbury, Vt.
Perry, H. M., cornices, 218 George, New Haven, Conn.
Perry-Hanna Mercantile Co., charcoal, Beaty, Ark.
Perry & Henderson, flour mills, Connellsville, Pa.
Perry Iron Co., blast furnaces, Erie, Pa.
Perry, J. P., & Co., steamfitters' supplies, 276 Devonshire, Boston, Mass.
Perry, James H., architect, 349 S. 4th, Mount Vernon, N. Y.
Perry, Jno. W., & Sons, tubular boilers, Syracuse, N. Y.
Perry Mfg. Co., masons' & bldrs.' matls., Perryopolis, Pa.
Perry Mill Co., flour, Perry, Okla.
Perry, O. H. & Son, canned goods, Manlius, N. Y.
Perry Oil Co., soap, Pawtucket, R. I.
Perry Packing Co., canned goods, Perry, Ia.
Perry, R. K., architect, Candler bldg, Atlanta, Ga.
Perry, Samuel F., architect, Rocky Mount, N. C.
Perry Stone Co., Ellettsville, Ind.
Perry Ventilator Corp., passenger car ventilator mfrs., 200 Devonshire, Boston, Mass.
Perry-Victoria Sand Co., Buffalo, N. Y.

Perry, W. A. Contracting Co., 406 S. Main, Los Angeles, Cal.
Perry, W. C., architect, 260 California, San Francisco, Cal.
Perry, W. D., cross ties, Longstreet, La.
Perry, W. G., architect, 19 Congress, Boston, Mass.
Perry, Walter E., architect, 64 E. Van Buren, Chicago, Ill.
Perry, Wm. H., Lbr. Co., 1821 Gilbert av, Cincinnati, Ohio.
Perrysburg Tile & Brick Co., Perrysburg, Ohio.
Perrysville Stove Works, machsts. & fndrs., Perrysville, Ind.
Persault, Moses J., fndr., Fitchburg, Mass.
Perseverance Iron Fndry. Co. (Ltd.), Passynk & Federal, Philadelphia, Pa.
Persina, C. David, architect, 1711 Van Buren, New York.
Persinger Hdwe. & Furniture Co., mill & facty. supplies, Williamson, W. Va.
Perske, Frank, cornices & skylights, 439 E. 92d, New York.
Persley, L. H., architect, Macon, Ga.
Persons-Arter Machine Co., surface grinders & magnetic chucks mfrs., Worcester, Mass.
Persons Mfg. Co., bicycle saddles, 344 Franklin, Worcester, Mass.
Persons, W. O., masons' & bldrs.' matls., Montclair, N. J.
Perth Amboy Chemical Wks., formaldehyde, Perth Amboy, N. J.
Perth Amboy Dry Dock Co., machsts., Perth Amboy, N. J.
Perth Amboy Fire Brick Co., sand & gravel dlrs., 114 Liberty, New York.
Perth Amboy Fndry. & Mach. Co., Perth Amboy, N. J.
Perth Amboy Hdwe. Co., mill & facty. supplies, Berth Amboy, N. J.
Perth Amboy Tile Wks., Perth Amboy, N. J.
Peru Auto Parts Mfg. Co., machsts. & fndrs., Peru, Ind.
Peru Basket Co., Peru, Ind.
Peru Canning Co., Peru, Ind.
Peru Canning & Mfg. Co., Peru, Nebr.
Peru Construction Co., Peru, Ill.
Peru Electric Co., electrical mechanical porcelain spec., Peru, Ind.
Peru Lumber Co., Peru, Ind.
Peru Milling Co., flour, Peru, Ind.
Peru Plow & Wheel Co., Peru, Ill.
Peruvian Guano Corp., Charleston, S. C.
Pervear, H. N., Co., advtg. spec., Providence, R. I.
Peshastin Lbr. Co., Peshastin, Wash.
Peshtigo Lumber Co., Peshtigo, Wis.
Petaluma Electric Incubator Co., Petaluma, Cal.
Petchtle, Emmet, masons' & bldrs.' matls., Middleburg, N. Y.
Peteler Car Co., machsts. & fndrs., Minneapolis, Minn.
Peter, Alfred, 238 Washington, Newark, N. J.
Peter Bros., Mfg. Co., tapping & abrasive metal cutting machines, Algonquin, Ill.
Peter & Burghard Stone Co., Louisville, Ky.
Peter, F. N., & Bros., machsts. & fndrs., Newside, Pa.
Peter & Guckenberger, cordage & twine mfrs., 1205 Budd., Cincinnati, Ohio.
Peter, H. A., Supply Co., mill & facty. supplies, Paducah, Ky.
Peter-McCain Lbr. Co., Butler, Tenn.
Peter & Melcher Steam Stone Wks., Louisville, Ky.
Peter & Volz Co., machsts. & fndrs.—desk mfrs., Arlington Heights, Ill.
Peter, W. G., architect, 520 13th, N. W., Washington, D. C.
Peterkin, John B., architect, 220 W. 42d, New York.
Peterman, A. J., sashes, doors & blinds., Fredericksburg, Ohio.
Peterman Mfg. Co., lbr., sash, door & blind, Tacoma, Wash.
Peters Bossert Co., machsts., 617 E. Pearl, Cincinnati, Ohio.
Peters & Bradley Mill Co., flour, Knoxville, Tenn.
Peters Buggy Co., carriages, 330 W. Spring, Columbus, Ohio.
Peters Cartridge Co., 1st National Bank Bldg., Cincinnati, O.
Peters Co., gummed cloth, paper & tapes, 33 35th, Bklyn, N. Y.
Peters, David, & Son Fence & Gate Co., Homer, Ill.
Peters, E. D., & Sons, roofing slate mfrs., Slatington, Pa.
Peters, E. E., Mach. Co., Springfield, Ohio.
Peters, E. J., architect, Shawnee, Okla.
Peters, Edw. D., metallurgical engrs., 38 Percival, Boston, Mass.
Peters-Eichler Htg. Co., 1516 Pine, St. Louis, Mo.
Peters, F. J., architect, Pantages bldg, Chicago, Ill.
Peters, Frank L., masons' & bldrs.' matls, Saegertown, Pa.
Peters, G. A., Realty Co., contrs., Union Trust Bldg., Cincinnati, Ohio.
Peters, G. H., Co., cornices, 293 Oak, Buffalo, N. Y.
Peters, H. A., Co., contractors, 19 S. La Salle, Chicago, Ill.
Peters, H. J., Co., elec. light fix. mfrs., 324 W. Superior, Chicago, Ill.
Peters Harness & Saddlery Co., 364 Mulberry, Newark, N. J.
Peters, Hy., Brass Fdry. Co., Aurora, Ill.
Peters, Herman, & Bros., architects, Reibold Bldg., Dayton, O.
Peters Home Bldg. Co., 654 McKnight, Minneapolis, Minn.
Peters, I. A., contractor, N. W. Bank Bldg., Portland, Ore.
Peters, Jas., & Son., hdwe. mfrs., 1934 N. Front, Phila., Pa.
Peters, John., meat packers, Williamsport, Pa.
Peters, John M., Jr., lumber mfr., Bleecker, N. Y.
Peters, Jno. M., Sons, wood novelties, Bleecker, N. Y.
Peters, Joseph, Furn. Co., Dept. H, 1459 15th, St. Louis, Mo.
Peters, L. W., contractor, 785 Euclid av, St. Louis, Mo.
Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, Ohio.
Peters Machine Wks., machsts. & fndrs., Kelso, Wash.
Peters Machy. Co., packaging machy., etc., 209 S La Salle, Chicago, Ill.
Peters Mill Work & Lumber Co., sash, door & blind, Carter rd. Cleveland, Ohio.
Peters, Nicholas D., & Co., contractors, 301 Kossuth av, Utica, N. Y.
Peters Oil & Compound Co., 356 Clinton, Milwaukee, Wis.
Peters Packing Co., meat, McKeesport, Pa.
Peters Pump Co., Kewanee, Ill.
Peters, R. G., Salt & Lbr. Co., Eastlake, Mich.
Peters & Reed Pottery Co., Zanesville, Ohio.
Peters Trimming Co., fringes, 923 Fulton, Chicago, Ill.
Peters, White & Co., caustic chem., 55 John, New York.
Peters, Wm. C., cornices & skylights, 1859 Carter av., New York.
Peters & Herron Co., talking machy., 2016 S. High, Columbus, Ohio.
Peters & Probst, mason contrs., Coscob, Conn.
Petersburg Excelsior Mills, Petersburg, Va.
Petersburg Fire Brick & Tile Co., Coal Grove, Ohio.
Petersburg Hardware Co., Petersburg, Va.
Petersburg Packing Co., canned goods, Seattle, Wash.
Petersburg Rim & Veneer Co., spokes, Petersburg, Va.
Petersburg Sand & Gravel Corp., Petersburg, Va.
Petersburg Sanitary Canning Co., Petersburg, Ind.
Petersburg Trunk & Bag Co., Petersburg, Va.

Petersen, A., Desk Co., 426 Armour, Chicago, Ill.
Petersen, Anker, microtomes, 330 Atlantic av, Boston, Mass.
Petersen, H. L., contr., 735 Treat, San Francisco, Cal.
Petersen, Jens. C., architect, Traverse City, Mich.
Petersen Oven Co., 537 S. Dearborn, Chicago, Ill.
Petersen, Walter, contractor, Nat. Fld. & Cas. Bldg., Omaha, Neb.
Peterson, A., lumber, Soldiers' Grove, Wis.
Peterson Art Furniture Co., Faribault, Minn.
Peterson, Bell & Co., lumber mfrs., Clinton, Ia.
Peterson Bros., contractors, New Rochelle, New York.
Peterson Bros., lumber, Camas, Wash.
Peterson, C. E., Co., sash, door & blind mfrs., 4914 Wentworth av, Chicago, Ill.
Peterson, Chas., Co., contractors, Keystone Bldg., Pittsburgh, Pa.
Peterson, Chas. E., contractor, 3934 Wyoming, Kansas City, Mo.
Peterson, Chas. J., & Co., switchboards, 725 Fulton, Chicago, Ill.
Peterson & Clark, architects, Steubenville, Ohio.
Peterson, Clifford, Tool Co., mill & factory supplies, 606 W. Randolph, Chicago, Ill.
Peterson, Edward, Co., contractors, W. O. W. Bldg., Omaha, Neb.
Peterson, F. W., Co., wood turners, 18 Greene, New York
See adv index at end of book.
Peterson, Geo., contrs., Burlington, Ia.
Peterson, Gust, architect, Manistee, Mich.
Peterson & Hiss Co., masons' & bldrs.' matls., Sandusky, Ohio.
Peterson, J., Co., organs, pianos, Moline, Ill.
Peterson & Johnson, architects, Swedish Am. Bldg., Rockford, Ill.
Peterson, Leonard & Co., labratory furniture, 1234 Fullerton av, Chicago, Ill.
Peterson & Joyner, whol. hdwe., Petersburg, Va.
Peterson & Loveland, machsts., Woodstown, N. J.
Peterson Lumber Co., sash, door & blind, Warsaw, Ind.
Peterson Mfg. Co., agricultural implements, Kent, Ohio.
Peterson, Martin, common brick, Barronette, Wis.
Peterson-Miller Box Co., egg cases, Cairo, Ill.
Peterson, N. F., steam htg. contr., 2525 3d av, New York.
Peterson, P. H., contr., Wataga, Ill.
Peterson, P. L., contractor, Spokane, Wash.
Peterson, P. N. Granite Co., Park & Wabasha, St. Paul, Minn.
Peterson, Peter, contractor, Moline, Ill.
Peterson, Robt. M., contractor, 5250 Wakefield, Germantown, Phila., Pa.
Peterson, Sam'l, handles, neck yokes, etc., Warren, Pa.
Peterson & Screen, contrs., 39 S. La Salle, Chicago, Ill.
Peterson, Simon, Brick, Benson, Ill.
Peterson, V. S., contractor, 237 Essex, Salem, Mass.
Peterson, Wm. F., contractor, 25 W. Jackson blvd., Chicago, Ill.
Petertyl, Victor, insulator pins & braces, Traverse City, Mich.
Petgen Co., glass mosaic wk., 6709 Hamilton av, Pittsburgh, Pa.
Petigor, M. H., soda water fountains, 434 Water, New York.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
Petrik, J. F. & Sons, mattresses, Topeka, Kan.
Petrikin, J. G., architect, Cambridge, Ohio.
Petrillo, Rocco S., elec. contr., New Haven, Conn.
Petro Pulp Floor Co., Grand av Temple, Kansas City, Mo.
Petrolene Co., floor coverings, Whiting, Ind.
Petroleo Co., lubrg. oils, Waterford, N. Y.
Petroleum Age, trade publications, 443 S Dearborn, Chicago, Ill.
Petroleum Engine & Mfg. Co., 120 B'way, New York.
Petroleum, Heat & Power Co., fuel oil burners, 100 Boylston, Boston, Mass.
Petroleum Iron Works Co., The, steel plate const., Sharon, Pa.
Petroleum Products Co., lubrg. oils & greases, 51 Front, New York.
Petroleum Products Co., petroleum products, 3917 Neville, Pittsburgh, Pa.
Petrolia Refining Co., benzine, petroleum, etc., Petrolia, Pa.
Petroleum Supply Co., mill & facty. supplies, Steubenville, O.
Petrossi, Louis, sewer contr., Hartford, Conn.
Petry, Jno. W., Co., mill & facty. supplies, 87 5th, Long Island City, N. Y.
Petry, Louis M., architect, White Plains, N. Y.
Petry, N. A., Co., Inc., nuts, screws, etc., 328-34 N Randolph, Phila., Pa.
Pette, John P., architect, 131 Jackson, Trenton, N. J.
Pettebone-Cataract Paper Co., Niagara Falls, N. Y.
Pettebone, Jacob S., archt., Security Nat. Bk. Bldg., Wilkes-Barre, Pa.
Pettee, W. J., & Co., whol. hdwe., Oklahoma, Okla.
Petterson, Edw., coppersmith, 231 South, New York.
Petterson, L. M., contractor, 21 Edward, Worcester, Mass.
Petterson & Persson, contractors, 62 Post, San Francisco, Cal.
Pettes & Randall Co., watchman's clocks, 150 Nassau, New York.
Petteway, H. H., turpentine & rosin, Wauchula, Fla.
Petteway Turpentine Co. See Petteway, H. H. (successor).
Pettibone Bros., Mfg. Co., employes' uniforms, 626 Main, Cincinnati, Ohio.
Pettibone Mulliken & Co., machsts. & fndrs., 140 S. Dearborn, Chicago, Ill.
Pettigrew Fdry Co., grey iron castings, Harvey, Ill.
Pettigrew, Wm., machst. & fndr., Everett, Pa.
Pettingell-Andrews Co., spark plugs, 166 Pearl, Boston, Mass.
Pettingell Machine Co., Amesbury, Mass.
Pettingill, Geo. S., brick, Lewiston, Me.
Pettinos, Chas. E., graphite refiners, etc., 25 Church, New York.
Pettis, B. H., Co., scrap iron, 102 Harris av, Providence, R. I.
Pettis, W. W., Co., castings, forgings, etc., 416-417 1st Natl. Bank bldg., Cincinnati, O.
Pettit, B. G., masons' & bldrs.' matls., Crooksville, Ohio.
Pettit & Co., brick, New Brunswick, N. J.
Pettit & Co., lamp wicks, Lockport, N. Y.
Pettit & Cook Co., brick, South River, N. J.
Pettit Feather & Bedding Co., Portland, Ore.
Pettit & Firestone, Charles E., Co., architects, Canton, Ohio.
Pettit, Frank, Ornamental Iron Wks., bank railings, 809 Master, Phila., Pa.
Pettit, Marshall & Co., Inc., imptrs. & exptrs., sugar beet seed, flux, etc., 8 Bridge, New York.
Pettler, P., & Son, mill & facty. supp., Beaver Falls, Pa.
Pettler Steel Mat & Mfg. Co., iron settees, Beaver Falls, Pa.
Pettler Wire Products Co., Beaver Falls, Pa.
Petty, J. A., contractor, 607 Godchaux, New Orleans, La.
Petty, J. A., lumber, Sycamore, Ohio.
Petty, J. K., & Co., boilers, tanks, etc., Stephen Girard Bldg., Phila., Pa.
Petty, Wm., stone producers, McKees Rocks, Pa.
Pettyjohn Co., machsts., Terre Haute, Ind.

Pettyjohn, J. P., & Co., contractors, Lynchburg, Va.
Petz Construction Co., 207 N. Market, Newark, N. J.
Petzelt & Keyser, carriages, 24th & Locust, Phila., Pa.
Petzold, Herman H., architect, Lawrence, Mass.
Peuchen, Stanley C., belt dressing, N. Tonawanda, N. Y.
Peuchot, A., Inc., importer, methylene blue, 120 W. 31st, New York.
Peuckert & Wundert, Architects, 310 Chestnut, Phila., Pa.
Peugeot Auto Import Co., 1620 B'way, New York.
Pevear, Everett S., bldg. contr., 486 Chestnut, Lynn, Mass.
Pevear, W. H., & Co., masons' & bldrs' matls., Watertown, Mass.
Peverley Bros., marble producers, 1215 Filbert, Phila., Pa.
Pevey Fndry. Co., Lowell, Mass.
Pewabic Co., iron ores, Milwaukee, Wis.
Pewabic Pottery Co., 2161 Jefferson E., Detroit, Mich.
Peyser-Hansen Mach. Co., special, Mt. Vernon, N. Y.
Peyton, John B., lbr., Trinity, Tex.
Peyton & Meekens, lbr., Trinity, Texas.
Peytona Lbr. Co., Huntington, W. Va.
Pfaelzer, L., & Sons, meat packers, 3927 S. Halsted, Chicago, Ill.
Pfaender Bros., contractors, Toledo, Ohio.
Pfaff, Geo., mill & facty. supplies, 109 Lafayette, New York.
Pfaff, J. & Son, contrs., Frankfort, Ill.
Pfaff & Kendall, fndrs., 655 Ferry, Newark, N. J.
Pfaller, Frank, machsts. & fndrs., 6947 Susquehanna, Pittsburgh, Pa.
Pfaltz & Bauer, chem. & glues, 300 Pearl, New York.
Pfaltzgraff Pottery Co., flower pots, York, Pa.
Pfannmueller Engineering Co., 38 S. Dearborn, Chicago, Ill.
Pfanstiehl Co., rare metals & electrical specialties, North Chicago, Ill.
Pfarr & Hobart Co., masons' & bldrs.' matls., Akron, Ohio.
Pfau & King, architects, Starks bldg, Louisville, Ky.
Pfau Mfg. Co., brass fndrs., Mentor & Huston, Norwood, Cincinnati, Ohio.
Pfaudler Co., glass enamelled steel tanks, Cutler Bldg., Rochester, N. Y.
Pfau's, Geo., Sons Co., lard oils, Jeffersonville, Ind.
Pfeffer, Jacob, masons' & bldrs.' matls., 10 Vernon av, Long Island City, N. Y.
Pfeffer, Mrs. P., brick, Gainesville, Ga.
Pfeifer Bros., cornices & skylights, 473 Greenwich, New York.
Pfeifer, F., pipe wrenches, 97 Reade, New York.
Pfeifer, John C., machst. & fndr., Rockport, Ind.
Pfeifer, Jno., & Co. (Ltd.), shovel mfrs., 222 Race, Phila., Pa.
Pfeifer, Mathias, Heating Co., 314 18th, Milwaukee, Wis.
Pfeiffenberger, Geo. D., architect, 102 W 3rd, Alton, Ill.
Pfeiffer & Burch, lumber, Edmore, Mich.
Pfeiffer, C. B., turpentine, Sylvania, Ga.
Pfeiffer, C. P. & J. L., heating contractors, Denver, Colo.
Pfeiffer, Clarence, contr., Sea Isle City, N. J.
Pfeiffer Color Co., 100 William, New York.
Pfeiffer, E., cornices & skylights, 1263 Jerome av, New York.
Pfeiffer, G., architect, Miami, Fla.
Pfeiffer, Geo. L., architect, Lemon City, Fla.
Pfeiffer, Henry, & Son Co., mill & facty. supplies, whol. hdwe., Fort Wayne, Ind.
Pfeiffer, Philipp G., architect., 10 E. McMillan, Cincinnati, Ohio.
Pfeiffer Stone Co., St. Joseph, Mo.
Pfeiffer, Wm., Auto & Carriage Wks., Omaha, Neb.
Pfeiffers, Jno., Plating Wks., Syracuse, N. Y.
Pfeifle, Robt., contractor, South Bethlehem, Pa.
Pfeil, Chas. J., Co., sash, door & blind mfrs., 1976 W. 3rd, Cleveland, Ohio.
Pfeil, C. O., architect, Tennessee Trust Bldg., Memphis, Tenn.
Pfender Bros., chain pumps, Evansville, Ind.
Pfennig, J., cornices, 24 Hamburg pl, Newark, N. J.
Pfister, J. J., Knitting Co., bathing suits & sweaters, Berkley, Cal.
Pfister, Ludwig O., contractor, 600 21st av, Milwaukee, Wis.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Pfister, Wm. H., machst. & fndr., 230 W. 4th, Cincinnati, Ohio.
Pfisterer, C. G., traveling bags, 800 E. Jefferson, Los Angeles, Cal.
Pfistner, Fred'k, cornices, 108 Lincoln, Jersey City, N. J.
Pfizer, Chas., & Co., chemicals, 81 Maiden la, New York.
Pfleghar Hdwe. Spec. Co., New Haven, Conn.
Pfoertner, Lehmann Mach. Co., St. Louis, Mo.
Pfund, G. F., & Son, meat packers, 3945 Germantown av, Philadelphia, Pa.
Pfundstein, S., Tool Wks., machsts., Peoria, Ill.
Phaeton Heater Co., Peekskill, N. Y.
Phair, Fred, contractor, Paulsen Bldg., Spokane, Wash.
Pharis Tire & Rubber Co., Newark, Ohio.
Pharmaceutical Era, trade publication, 3 Park pl, New York.
Pharo, J. A., contractor, Bayonne, N. J.
Pharr, G. F., lumber, Dacula, Ga.
Pharr, King, canned goods, Catherine, Ala.
Pheby, Geo. E., architect, Phoenix, Ariz.
Pheiffer Stone Co., St. Joseph, Mo.
Pheiffer, Walter, architect, 10 E. McMillan, Cincinnati, O.
Phelan-Faust Paint Mfg. Co., 1008 Pine, St. Louis, Mo.
Phelan, S. F., carriages, Stockton, Cal.
Phelan & Shirly, contr., Dept. H, Omaha, Neb.
Phelps, Albert C., architect, Cornell University, Ithaca, N. Y.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Phelps Bros. Co., mill & facty. supps., 1335 14th, N. W., Washington, D. C.
Phelps Bros. Co., steamfitters' supps., 101 Beekman, New York.
Phelps & Bradley Co., furniture, 38H Wareham, Boston, Mass.
Phelps, C. R., architect, Gluck Bldg., Niagara Falls, N. Y.
Phelps Can Co., Key Highway & Lawrence, Baltimore, Md.
Phelps, Dodge, Corp., copper ingots, 99 John, New York.
Phelps, Elmer E., brass castings, Syracuse, N. Y.
Phelps Factories, talking machine mfrs., Columbus, Ohio.
Phelps, Frank K., cornices & skylights, Ashland, Ky.
Phelps, Fred A., architect, 11 Clinton, Newark, N. J.
Phelps, Geo. S., & Co., fertilizer mfrs., Thompsonville, Conn.
Phelps Guardant Time Lock Co., 114 Liberty, New York.
Phelps, H., canned goods, North Bay, N. Y.
Phelps, H. D., machsts. & fndrs., Ansonia, Conn.
Phelps Heating Specialty Co., radiator valves 101 Beekman, New York.
Phelps, H. T., architect, Gunter Bldg., San Antonio, Tex.
Phelps, J. Wesson, landscape archt., 26 State, Hartford, Conn.
Phelps, Levy W., sash door & blind mfr., Ayer, Mass.
Phelps, M. A., Lumber Co., Cusick, Wash.
Phelps Mfg. Co., acect. gas machines, 38 S. Dearborn, Chicago, Ill.
Phelps Mfg. Co., self flushing socket plugs, elec. sad irons, etc., 49 W. Larned, Detroit, Mich.
Phelps Mfg. Co., wire wheels, Columbus, Ohio.
Phelps, N. D., Co., mill & facty. supplies, Barre, Vt.
Phelps & Sibley Co., lumber mfrs., Cuba, N. Y.
Phelps & Sons Mfg. Co., mail boxes, push buttons, 110 Pennington, Newark, N. J.
Phelps, Stowe, architect, 20 W. 43d, New York.
Phelps, Walter J., machsts., ft. of Lawrence, Baltimore, Md.
Phenix Iron Works, Winona, Minn.
Phenix Lace Mills, Phenix, R. I.
Phenix Mfg. Co., sash & screen hangers, Milwaukee, Wis.
Phenix Marble Co., 19th & Olive, Kansas City, Mo.
Phenix Plate Co., dry plates, Worcester, Mass.
Phenix Supply Co., mill & facty. supplies, Atlanta, Ga.
Phenix Truck Makers, Inc., oil engines, 4948 Bloomingdale Rd., Chicago, Ill.
Phenix Tube Co., 182 N. 11th, Brooklyn, N. Y.
Pheoll Mfg. Co., brass nuts, screws, etc., 5700 W. 12th, Chicago, Ill.
Phetteplace Oil Co., lubrg., 334 S. Water, Providence, R. I.
Phianna Motors Co., Central av, Newark, N. J.
Phifer, W. B., Co., lumber mfrs., Gainesville, Fla.
Phila. Aniline & Extract Co., coal tar prod., Bourse Bldg., Philadelphia, Pa.
Phila. Art Co., archl. iron, 16 N. 9th, Philadelphia, Pa.
Phila. Bag Co., 84 Tasker, Phila., Pa.
Phila. Belting Co., 6th & Spring Garden, Philadelphia, Pa.
Phila. & Boston Face Brick Co., 155 Milk, Boston, Mass., & Milltown, N. J.
Phila. Brass Co., orass & copper rods, tubing, etc., East Downingtown, Pa.
Phila. Brick Co., 23rd, c Passayunk av, Philadelphia, Pa.
Phila. Button Co., 21 N. 7th, Philadelphia, Pa.
Phila. (The) Chaplet & Mfg. Co., School la & P. & R. Ry., Wiss, Philadelphia, Pa.
Phila. Clay Co., 1316H Commonwealth Trust bldg., Phila., Pa.
Phila. Clay Material Co., fire brick, 4629 W. Girard av, Philadelphia, Pa.
Phila. & Conshohocken Stone Quarry Co., 41 S. 15th, Philadelphia, Pa.
Phila. Cons. Die Co., 327 Race, Philadelphia, Pa.
Phila. Contracting Co., reinf. concrete steel const., 5622 Germantown, Philadelphia, Pa.
Phila. Coppersmithing Co., 222 N. Front, Philadelphia, Pa.
Phila. Culvert Co., 16th & Washington av, Philadelphia, Pa.
Phila. Drying Machinery Co., 3351 Stokley, Philadelphia, Pa.
Phila. Electric Co., 10th & Sansom, Philadelphia, Pa.
Phila. Elec. Constr. Co., lightning arresters, connections, etc., Heed Bldg. Philadelphia, Pa.
Phila. Elec'l & Mfg. Co., hangers & arc lamp insulators, 1236 N. 31st, Philadelphia, Pa.
Phila. Excelsior Co., excelsior, wood, wool packing, pads, tow moss fibre, etc., 716 N. 3rd, Philadelphia, Pa.
Phila. Expansion Bolt Co., concrete inserts, 124 North 6th, Philadelphia, Pa.
Phila. Farmers & Dairymen's Supply Co., 1918H Market, Phila., Pa.
Phila. Felt Co., La. & Frankford cr, Philadelphia, Pa.
Phila. Fire Brick Wks., 2306 Vine, Philadelphia, Pa.
Phila. Game Co., toys, etc., 337 N. 3d, Philadelphia, Pa.
Phila. Gear Works, E Vine, Phila., Pa.
See adv index at end of book.
Phila. Grease Mfg. Co., 848 S. Swanson, Philadelphia, Pa.
Phila. Hdwe. & Mall. Iron Wks., registers, 9th & Jefferson, Philadelphia, Pa.
Phila. Insulated Wire Co., 200 N. 3rd, Phila., Pa.
Phil. Lancaster Bag Co., Water & Tasker, Phila., Pa.
Phila. Lawn Mower Co., 3101 Chestnut, Philadelphia, Pa.
Phila. Leather Goods Co., traveling bags, 2d & Race, Phila., Pa.
Phila. Lighting Specialty Co., Philadelphia, Pa.
Phila. Lye & Chemical Co., 1811 Fitzwater, Philadelphia, Pa.
Phila. Mach. Screw Wks., machine screws, 624 Race, Phila., Pa.
Phila. Mach. Wks., marine steering gears, 67 Laurel, Phila., Pa.
Phila. Metal Drying Form Co., stocking forms, 330 N. 12th, Philadelphia, Pa.
Phila. Metal Stamping Co., ornaments, etc, 107 Erie, Camden,
Phila. Meter Co., Real Estate Trust Bldg., Philadelphia, Pa.
Phila. Mineral Flooring Co., 5682 Summer, Philadelphia, Pa.
Phila. Packing Box Co., 2624 American, Philadelphia, Pa.
Phila. Paper Mfg. Co., River Road, Philadelphia, Pa.
Phila. Pickling Co., canned goods, 262 S. 2d, Phila., Pa.
Phila. Pipe Bending Co., 4135 N. 5th, Philadelphia, Pa.
Phila. Quartz Co., 121 S. 3d, Philadelphia, Pa.
Phila. Quartz Co. of California, silicate of soda, 6th & Grayson, Berkeley, Cal.
Phila. & Reading Coal & Iron Co., machsts. & fndrs., Pottsville, Pa.
Phila. Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
Phila. Rubber Works, Land Title Bldg., Philadelphia, Pa.
Phila. Sash Weight Wks., fndrs., Glenwood av nr. 22d, Philadelphia, Pa.
Phila. Scoop Co., 127 Arch, Philadelphia, Pa.
Phila. Screen Mfg Co., 56th, bel. Woodland, Philadelphia, Pa.
Phila. Second Hand Pipe Supply Co., 1003 N. 7th, Phila., Pa.
Phila. Sheet Metal & Wood Wks., 108 Reed, Philadelphia, Pa.
Phila. Ship Supply Co., mill & facty. supplies, Phila., Pa.
Phila. Steam Heating Co., Juniper & Cherry, Philadelphia, Pa.
Phila. Steel & Forge Co., 50 Church, New York.
Phila. Steel & Iron Co., forgings, Commercial Trust Bldg., Philadelphia, Pa.
Phila. Storage Battery Co., Ontario & C, Philadelphia, Pa.
Phila. Stove & Iron Fdry. Co., 1631 N. 5th, Philadelphia, Pa.
Phila. Textile Chem. Wks., mill soaps, Arrott & Reading RR., Frankford, Phila., Pa.
Phila. Textile Machinery Co., see Proctor & Schwartz, Inc. (successor).
Phila. Thermometer Co., 9th & Arch, Philadelphia, Pa.
Phila. Toboggan Co., 130 E. Duval, Gtn., Philadelphia, Pa.
Phila. Tram-Rail Co., overhead trolleys, Front & Tusculum, Philadelphia, Pa.
Phila. Transportation & Lighterage Co., 119 Walnut, Phila., Pa.
Phila. Turntable Co., New Castle, Del.
Phila. Whiting Wks., 2609 E. York, Philadelphia, Pa.

Philbrick-Booth Fdry. Co., Hartford, Conn.
Philbrick Cutter Head Co., machsts., Seattle, Wash.
Philbrick, E. J., fertilizer mfr., Augusta, Me.
Philbrick, John A., & Bros., masons' & bldrs.' matls., ft. E. 97th, New York.
Philbrick, L. B., paint, Salem, Mass.
Philbrin Corp., ignition system, Kennett sq., Pa.
Philbrook, Wm. H., granite, Rockport, Me.
Philip, Rossman, machst., Stockport, N. Y.
Philipp Bros., metals & ores, 29 B'way, New York.
Philipp-Kell Co., Inc., cornices & skylights, Holliday & Centre, Baltimore, Md.
Philippine Vegetable Oil Co., 11 B'way, New York.
Philips, A. A., Jr., joist hangers, etc., 2219 Pitkin av, Brooklyn, N. Y.
Philips Hardware Co., mill & facty. supps., Columbus, Ga.
Philips Pressed Steel Pulley Wks., Chestnut Hill, Phila., Pa.
Phillipps, R. Stenner, architect, 15 W. 38th, New York.
Phillips, A. G., & Son, whol. hdwe., Morristown, N. J.
Phillips, Aaron, common brick, Bowling Green, Ky.
Phillips, Albert, architect, Pompton Plains, N. J.
Phillips, Alexander, architect, 160 5th av, New York.
Phillips Bros., cornices & skylights, Allegan, Mich.
Phillips Buggy Works, Ironton, Ohio.
Phillips & Buttorff Mfg. Co., stoves, Nashville, Tenn.
Phillips, C. H., contr., Waupaca, Wis.
Phillips, C. R., & Co., whol. lbr. mfrs., North Tonawanda, N. Y.
Phillips, Chas., Tool Co., machsts. & fndrs., Mannington, W. Va.
Phillips & Clark Stove Co., machsts. & fndrs., Geneva, N. Y.
Philips Co., toys, games, blocks, etc., 354 4th av, New York.
Phillips, D. E., contractor, Newport News, Va.
Phillips, David, Co., machsts. & fndrs., Bradford, Pa.
Phillips & Dickenson, flour mills, Wallace, Va.
Phillips, Doup & Co., barrows, cars & trucks, etc., 60 Pearl, Brooklyn, N. Y.
Phillips, E. A., architect, Warren, Pa.
Phillips, E. B., architect, Poplar Bluff, Mo.
Phillips, E. K., brick, Willimansett, Mass.
Phillips, E. & Sons, nails, South Hanover, Mass.
Phillips, Eugene B., architect, Lansing, Mich.
Phillips Excelsior Co., Chattanooga, Tenn.
Phillips, Ezra L., architect, Gloucester, Mass.
Phillips, F. C., screw mach. products, Stoughton, Mass.
Phillips Flushing Tank Co., valves, 66 Batterymarch, Boston, Mass.
Phillips, F., & Son, contractors' tools mfrs., 1336 Greenmount av, Baltimore, Md.
Phillips, F. R., & Sons Co., steel importers, Penna. Bldg., Philadelphia, Pa.
Phillips, Frank, architect, 79 Morningside, Yonkers, N. Y.
Phillips, Fred., Sr., contractor, Albion, N. Y.
Phillips-Getschow Co., htg. contrs., 130 W. Kinzie, Chicago, Ill.
Phillips, H. W., submarine divers, Quincy, Mass.
Phillips, Harry W., contractor, Davenport, Ia.
Phillips Heating Vent. & Mfg. Co., furnaces, 1224 S. Figroa, Los Angeles, Cal.
Phillips, Henry A., architect, Elm, Milbury, Mass.
Phillips & Hodgson, masons' & bldrs.' matls., Chelsea, Mass.
Phillips & Homer, architects, Madison, Wis.
Phillips, Isaac B., whol. horseshoers' supps., 225 E. 125th, New York.
Phillips, I. W., & Co., masons' & bldrs.' matls., Tampa, Fla.
Phillips Iron Wks., Los Angeles, Cal.
Phillips, J., & H., mill & facty. supplies, 627 Liberty av, Pittsburgh, Pa.
Phillips J. H., architect, 681 5th av, New York.
Phillips, J. H., Sons, canned goods, Berkeley Springs, W. Va.
Phillips, Jacobs, machst. & fndr., Westfield, Pa.
Phillips, Jno. H., architect, Fulton bldg., Pittsburgh, Pa.
Phillips & Johnson, broom corn, Mattoon, Ill.
Phillips-Laffitte Co., compounds, plates, etc., Penna Bldg., Philadelphia Pa.
Phillips Lead & Supply Co., 91 S. Main, Providence, R. I.
Phillips Lime & Coal Co., Burlington, Ia.
Phillips Lbr. Co., Tifton, Ga.
Phillips & McCook, architects, Lake Charles, La.
Phillips & McCreedy, machsts. & fndrs., Mt. Clemens, Mich.
Phillips & McLaren Co., grinding pans, crushers, shears & castings, 24th & Smallman, Pittsburgh, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Phillips, Morris T., cattle tool mfrs., Pomeroy, Pa.
Phillips, Oliver P., incubators & brooders, Amo, Ind.
Phillips & Osborn, mattresses, 711 E. 47th, Chicago, Ill.
Phillips Packing Co., Cambridge, Md.
Phillips & Pyke, contrs., North Adams, Mass.
Phillips, R. B., Mfg. Co., screw machine products, 3 Grand St. ct. Worchester, Mass.
Phillips Ribbon & Carbon Co., 17 Elm, Rochester, N. Y.
Phillips, Richard, architects, Jacobson Bldg., Denver, Colo.
Phillips & Slack, granite, Northfield, Vt.
Phillips & Sons, contractors, Ridgewood, N. J.
Phillips, Thos., Co., paper bags, Akron, Ohio.
Phillips, T. W., Gas & Oil Co., machinist, Butler, Pa.
Phillips, Victor L., contr., machy., 7th & Delaware, Kansas City, Mo.
Phillips, W. C., architect, 163 N. 13th, San Francisco, Cal.
Phillips, W. E., contractor, Braddock, Pa.
Phillips, W. R., Co., see Factory Engng. Co. (successor).
Phillips, Waller Co., canned goods, Salisbury, Md.
Phillips, Watson K., architect, 430 Walnut, Phila., Pa.
Phillips White Rock Lime Co., 125 Front, Newark, N. J.
Phillips, Wm., & Co., laundry machy., Northville, Mich.
Phillips, Wm. H., lime mfrs., 125 Front, Newark, N. J.
Phillips, Wm. S., architect, 103 Park av., New York.
Phillips Wire Co., insulated wire, Pawtucket, R. I.
Phillips & Worthington, contractors, 90 West, New York.
Phillips-Yarbrough Hardware Co., Montgomery & Opelika, Ala.
Phillipsdale Paper Mill Co., Phillipsdale, R. I.
Philpot & Co., flour mills, Hardyville, Ky.
Philpot & Lile, flour mills, Rocky Hill Station, Ky.
Philpot Lumber Co., masons & bldrs'. matls., Humboldt, Neb.
Philpott & Leuppie Co., machsts., Niagara Falls, N. Y.
Philpott Rubber Co., 1408 W. 3d, Cleveland, O.
Phinotas Chem. Co., disinfectants, 237 Front, New York.
Phipps Charcoal Co., Ironton, O.
Phipps Furnace Co., 90 Oneida, Milwaukee, Wis.
Phipps, Horace J., & Co., glass stainers, 65 Bedford, Boston, Mass.
Phipps, J. H., Lumber Co., Fayetteville, Ark.
Phipps, Sanford, architect, 9 Park, Boston, & Hopkinton, Mass.
Phoenix Am. Pipe Wks., Boonville, Mo.
Phoenix Boiler Wks. Co., Terre Haute, Ind.
Phoenix Box Factory, packing boxes, Toledo, O.
Phoenix Bridge Co., Phoenixville, Pa.
Phoenix Brush & Mfg. Co., 160 N. Wells, Chicago, Ill.
Phoenix Carriage Co., 901 Evans, Cincinnati, O.
Phoenix Caster Co., bed & furniture casting machsts., Indianapolis, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Phoenix Construction Co., 41 Park Row, New York.
Phoenix Cotton Oil Co., Memphis, Tenn.
Phoenix Die Casting Co., mchsts., 21 Illinois, Buffalo, N. Y.
Phoenix Electric Co., alternating current motors, Mansfield, Ohio. *See adv. index at end of book.*
Phoenix Elec. Co., storage batteries, 133 W. Washington, Chicago, Ill.
Phoenix Fire Extinguisher Co., Grove, Norwich, Conn.
Phoenix Flour Mills, Evansville, Ind., & Phoenix, Ariz.
Phoenix Fdry. Co., 1455 S. Jefferson, Chicago, Ill., & Voorheesville, N. Y.
Phoenix Foundry & Machine Co., Ashtabula, O.
Phoenix Fdg. & Mfg. Co., St. Joseph, Mo.
Phoenix Furniture Co., Charleston, S. C., & Eau Claire, Wis.
Phoenix Furn. Co., Dept. H, Beaumont, Texas.
Phoenix Furn. Co., Dept. H, Eau Claire, Wis.
Phoenix Furn Co., Dept. H, Warren, Pa.
Phoenix Gas & Improvement Co., Harrison Bldg., Phila., Pa.
Phoenix Glass Co., portables, 230 5th av, New York.
Phoenix Glass Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Phoenix Hdwe. Co., Buffalo, N. Y.
Phoenix Harry D., architect, Union Bldg., Syracuse, N. Y.
Phoenix Hermetic Co., bottle caps, 3720 14th av, B'klyn, N. Y.
Phoenix Horse Shoe Co., toe-calks, rolling mills, etc., 209 S. La Salle, Chicago, Ill.
Phoenix Ice Machine Co., mchsts. & fdrs., 2711 Church av, Cleveland, O.
Phoenix Iron & Boiler Works, Sacramento, Cal.
Phoenix Iron Co., structural steel mfrs., 22 S. 15th, Philadelphia, Pa.
Phoenix Iron Wks., E. 3rd & Hawthorne, Portland, Ore.
Phoenix Iron Works Co., Meadville, Pa., & Oakland, Cal.
Phoenix Light Co., 525 Market, Milwaukee, Wis.
Phoenix Lock Wks., mchsts. & fndrs., 3d av, Newark, N. J.
Phoenix Lumber Co., Dept. H, Fort Myers, Fla.
Phoenix Lbr. Co., Springdale, Wash.
Phoenix Mach. & Cold Storage Co., Phoenix, Ariz.
Phoenix Mfg. Co., machsts., Eau Claire, Wis., & Hartford, Conn.
Phoenix Metal Stamping Co., Inc., 2827H W. Fletcher, Phila., Pa.
Phoenix Meter Co., machsts., Camden, N. J.
Phoenix Mill Co., flour, Marietta, Ohio, & 112 6th, Minneapolis, Minn.
Phoenix Milling Co., flour, Sacramento, Cal.
Phoenix Oil Co., belt dressing, compounds, soaps, 2554 W. 5th, Cleveland, O.
Phoenix Paint & Varnish Co., 124 Market, Philadelphia, Pa.
Phoenix Paper Co., Greenwich, N. Y.
Phoenix Planing Mill, sash, door & blind, Atlanta, Ga.
Phoenix Portland Cement Co., Nazareth, Pa.
Phoenix Pottery Co., Bordentown, N. J.
Phoenix Refining Co., petroleum & its products, Tulsa, Okla.
Phoenix Rubber Co., reclaimed rubber, Akron, O.
Phoenix Sand & Gravel Co., 21 E. 40th, New York.
Phoenix Shingle Co., Seattle, Wash.
Phoenix Sidewalk Light Co., Monadnock Bldg., San Francisco, Cal.
Phoenix Slate Co., Wind Gap, Pa.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Phoenix Soapstone Co., 71 Murray, New York.
Phoenix Spec. Mfg. Co., metallic gaskets, 48 Duane, New York.
Phoenix Steam Packing Co., Gates av & Boulevard, Jersey City, N. J.
Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.
Phoenix Trimming Co., carpet binding & tire tapes, 2008H N. Racine av, Chicago, Ill.
Phoenix Wire Wks., Kirby & Dequindre, Detroit, Mich.
Phosphate Mining Co., 55 John, New York.
Phospho Food Co., Los Angeles, Cal.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Photoplating Co., signs, glass, Minneapolis, Minn.
P. & H. Supply Co., plumbers' supplies, Fort Wayne, Ind.
Pia, Peter F., Britannia ware mfrs., 129 White, New York.
Pianista Piano Co., 614 W. 51st, New York.
Piano & Organ Supply Co., actions, 2132 N. Racine av, Chicago, Ill.
Picard, A. J., & Co., automobile starters, 9 W. 161st, New York.
Richer Lead Co., see Eagle-Picher Lead Co. (successor).
Pick, Albert, & Co., cooking apparatus, hotel equipment, etc., 212 W. Randolph, Chicago, Ill.
Pick, Richard, Mfg. Co., chair seats & lamp filaments, 224 N. Wells, Chicago, Ill.
Pickands, Brown & Co., pig iron, 332 S. Michigan av, Chicago, Ill.
Pickard, H. A., architect, Ipswich, Mass.
Pickards, Mather & Co., blast furnaces, Western Reserve Bldg., Cleveland, O.
Pickel, Benj., stone, Warrensburg, Mo.
Pickel Marble & Granite Co., 1901 N. B'way, St. Louis, Mo.
Pickel Stone Co., 1320 S. Vandeventer av, St. Louis, Mo.
Pickens' Auto Cloth Co., artificial lthr., 105 W. 63rd, New York.
Pickens Mills, cotton sheetings, Pickens, S. C.
Pickens Oil & Fertilizer Co., meal, Pickens, S. C.
Pickerell, O. L., contractor, Trafalgar, Ind.
Pickering, Arthur D., architect, 103 Park av, New York.
Pickering, Geo., & Co., aniline colors, Elmira, N. Y.
Pickering Governor Co., roller bearings & steam engine governors, Portland, Conn.
Pickering Hardware Co., 5th, c. Main, Cincinnati, Ohio.
Pickerin, M. H. Co., furniture, Dept. H, Penn & 10th, Pittsburgh, Pa.
Pickering Mfg. Co., brush machy., 228 S. 4th, Philadelphia, Pa.
Pickering, Ridgway S., hinges, nails, staples, tacks, etc., Sharon Hill, Pa.
Pickering, W. H., & Co., machsts., Hartford, Conn.
Pickering, W. R., Lumber Co., Long Bldg., Kansas City, Mo.
Pickering, Wm. H., masons' & bldrs.' matls., Spencerville, O.
Pickert, John, contractor, Batavia, N. Y.

Pickert, L., Fish Co., canned, 16 New, Boston, Mass.
Pickett Hardware Co., Warren, Pa.
Pickett, Wm., & Co., contractors, Washington, Pa.
Pickett & Shirkle Coal Co., Lessee, Haute, Ind.
Pickin, Ephraim M., architect, Hunsicker Bldg., Allentown, Pa.
Picking, D., & Co., various kinds of kettles, supplies, Bucyrus, O.
Picking, R. O., rotary rock drilling, tools, Phelan Bldg., San Francisco, Cal.
Pickins Roofing & Sheet Metal Co., Spartanburg, S. C.
Pickthall Supply Co., mill & facty. supplies, 321 Fremont, San Francisco, Cal.
Pictorial Post Card Co., Rochester, N. Y.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Piebles, John Kevdu, Law Bldg., Norfolk, Va.
Piedmont Cotton Mills, Egan, Ga.
Piedmont Fertilizer Co., Opelika, Ala.
Piedmont Fdry. & Mach. Co., Piedmont, W. Va.
Piedmont Fdry. & Machine Wks., Hickory, N. C.
Piedmont Hardware Co., Danville, Va.
Piedmont Mfg. Co., sheetings, Piedmont, S. C.
Piedmont Mills, flour, Lynchburg, Va.
Piedmont Mt. Airy Guano Co., fertilizer mfrs., Keyser Bldg., Baltimore, Md.
Piedmont Motor Car Co., Inc., Lynchburg, Va.
Piedmont Wagon & Mfg. Co., Hickory, N. C.
Piel Bros. Starch Co., Indianapolis, Ind.
Piel Construction Co., 2519 Edmondson av, Baltimore, Md.
Piel, G., Co., auto. horns, 29 13th, Long Island City, N. Y.
Pielage, Hy., & Co., stone, 1032 Flint, Cincinnati, O.
Pierce, A. White, architect, 26 Court, B'klyn, N. Y.
Pierce-Arrow Motor Car Co., 1695 Elmwood av, Buffalo, N. Y.
Pierce, A. S., lumber, Rhinelander, Wis.
Pierce & Bickford, architects, 120 Lake, Elmira, N. Y.
Pierce-Budd Co., machsts., Bay City, Mich.
Pierce, Butler & Pierce Mfg. Corp., steam & hot water heater mfrs., 437 E. 162nd, New York.
Pierce, C. Berlin, contractor, Youngstown, O.
Pierce City Lime Co., Pierce City, Mo.
Pierce Co., silo, hdwe., Waldheim Bldg., Kansas City, Mo.
Pierce, C. S., Co., boot counters, Brockton, Mass.
Pierce, C. S., Lumber Co., Fresno, Cal.
Pierce Chemical Co., soap, 910 W. Lake, Chicago, Ill.
Pierce City Packing Co., Pierce City, Mo.
Pierce & Cox, heating contrs., 143 Kingston, Boston, Mass.
Pierce Cycle Co., 18 Hanover, Buffalo, N. Y.
Pierce, F. B., Co., spinning wheels, brush handles, Keene, N. H.
Pierce, F. M., & Co., glass, Clayton, N. J.
Pierce, F. O., Co., paints, 10 E. 43rd, New York.
Pierce, F. W., contractor, Lorain, O.
Pierce, Frederick L., contractor, 74 Weybosset, Providence, R. I.
Pierce, Geo. F., fertilizer mfr., Milford, Del.
Pierce Governor Co., machsts., Anderson, Ind.
Pierce, H. Frank, contractor, Belmar, N. J.
Pierce Hardware Co., Taunton, Mass.
Pierce, Jno. A., mchsts. & fdrs., Xenia, Ill.
Pierce, John H., contractor, Norfolk, Va.
Pierce Lbr. Co., Marked Tree, Ark.
Pierce Mfg. Co., contractors, 785 Housatonic av, Bridgeport, Ct.
Pierce, O. W., Co., cornices, Olean, N. Y.
Pierce Oil Corp., petroleum, 25 Broad, New York.
Pierce Packer Co., oil well packers, Franklin, Pa.
Pierce, R. A., architect, 830 18th, Denver, Colo.
Pierce, R. G., architect, 10 S. La Salle, Chicago, Ill.
Pierce, R. L., architect, Central Bldg., San Antonio, Tex.
Pierce, S. K., & Son, revolving chairs, Gardner, Mass.
Pierce Sam'l Organ Pipe Co., Reading, Mass.
Pierce & Stevens, alcohol, Buffalo, N. Y.
Pierce, Thos. W., Hardware Co., Middleboro, Mass.
Pierce, Walter S., Co., pianos, 691 14th, San Francisco, Cal.
Pierce, Wm. B., Co., boiler tube cleaners, 40 N. Division, Buffalo, N. Y.
Pierce, Wm. M., machy. dlrs., 515H Main, Dallas, Tex.
Pierce & Winn Co., masons' & bldrs.' matls., Arlington, Mass.
Pierce Wrapping Machine Co., 625 W. Jackson blvd., Chicago, Ill.
Pieretti Bros., concrete contrs., Ivoryton, Conn.
Piermont Paper Co., Piermont, N. Y.
Pierpoint, Jas. & Sons Co., pig iron & coke dlrs., Franklin Trust Bldg., Philadelphia, Pa.
Pierpont, John A., htg. contrs., 310 12th, N. W., Washington, D. C.
Pierpont Mfg. Co., woodenware & boxes, Savannah, Ga.
Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.
Piersen Mfg. Co., telegraph transmitters & gasoline motors, Topeka, Kans.
Pierson, Arthur S., architect, Morristown, N. J.
Pierson & Bro., contractors, Terre Haute, Ind.
Pierson, Chiron C., contractor, Mers. Bk. Bldg., Indianapolis, Ind.
Pierson & Co., structural steel dealers, 29 B'way, New York.
Pierson, E. R., contrs., Terre Haute, Ind.
Pierson F. G., architect, Wash. Loan & Tr. bldg., Washington, D. C.
Pierson, Fred. L., architect, Bloomfield, N. J.
Pierson, Henry, & Sons, contractors, 1000 Olive, Baltimore, Md.
Pierson & Hough Co., see Naylon-Pierson-Hough Co. (successors).
Pierson, J. K. C., architect, Jacksonville, Ill.
Pierson, J. N., & Son, architects, Perth Amboy, N. J.
Pierson, Jas. W., Co., masons' & bldrs.' matls., East Orange, N. J.
Pierson Lbr. & Coal Co., Copper & Cherry, Northside, Cincinnati, Ohio.
Pierson, S. M., machst., Sumter, S. C.
Pierson U. Bar Co., green house bldrs., etc., 1 Madison av, New York.
Pierson Wilcox Elec. Co., 223 S. 6th, Minneapaolis, Minn.
Pietsch, Ferdinand, steel structural wk., 617 Cedar, Milwaukee, Wis.
Pietsch, Theodore W., architect, American Bldg., Baltimore, Md.
Pietz, Adam, die sinkers, 1011 Chestnut, Philadelphia, Pa.
Pietzman, J., & Son, scrap iron & steel, Kansas City, Mo.
Pifers, G. W., Sons, sash, door & blind, Dubois, Pa.
Pigeon Fraser Hollow Spar Co., E. Boston, Mass.
Pigeon River Lbr. Co., Grand Rapids, Wis.
Piggins Motor Truck Co., machsts., Racine, Wis.
Piggins, Wm. S., & Sons, crushed stone, Detroit, Mich.
Pignolet, Louis M., elec'l. insts., 78 Cortlandt, New York.
Pigot, Sayre Co., oils & greases, 71 Front, New York.
Pigott, Jas. S., architect, 665 Broad, Newark, N. J.
Pigott Steel Co., 632H Frankford av, Cleveland, Ohio.
Pihl & Miller, dock bldrs., Wabash Bldg., Pittsburgh, Pa.
Pike, A. W., & Co., whol. hdwe., 711 Mission, San Francisco, Cal.
Pike & Cook, contractors, 416 S. 5th, Minneapolis, Minn.
Pike County Coal Co., McCormick bldg., Chicago, Ill.
Pike, D. Herbert, contr., Pittsfield, Mass.
Pike Dial Lbr. Co., 2201 Loomis, Chicago, Ill.
Pike, E. N., & Son, belt dressing, 93 Broad, Boston, Mass.
Pike, F. H., machsts & fndrs., Randolph, N. Y.
Pike, H. S., contractor, 28 Townsend, Worcester, Mass.
Pike & Heald Co., steamfitters' supplies, Manchester, N. H.
Pike, John E., contractor, Rochester, N. Y.
Pike Mfg. Co., emery & corundum wheel mfrs. & lbr., Pike, N. H.
Pike River Granite Co., Marinette, Wis.
Pike Rubber Co., Akron, Ohio.
Pike Stained Glass Studios, leaded windows, 191 East av, Rochester, N. Y.
Pike, W. N., & Sons, contractors, Lawrence, Mass.
Pike & Whipple Co., carriages, Peabody, Mass.
Pilat, Carl F., landscape architect, 52 B'way, New York.
Pilchard Bldg. Co., contrs., Sioux City, Ia.
Pilcher, Lewis F., architect, Hall of Records, New York.
Pilcher & Tachau, architects, 109 Lexington av, New York.
Pilcher's, Hy., Sons, organs, pianos, Louisville, Ky.
Pile, J. W., carriages, Marietta, Ind.
Pilgrim Iron Wks., Los Angeles, Cal.
Pilgrim Motor Car Co., Moffat Bldg., Detroit, Mich.
Pilgrim Specialty Co., advtg. novelties, badges & signs, Malden, Mass.
Pillar Bay Packing Co., Seattle, Wash.
Pillar, S. L., architect, Riverside, Cal.
Pilley Flue Brush Co., wire brushes of all kinds, 604-608 South 3d, St. Louis, Mo.
Pilley Packing & Flue Brush Co., 608 S. 3rd, St. Louis, Mo.
Pilling & Crane, iron comm., Real Estate Trust Bldg., Philadelphia, Pa.
Pilling, Geo. P., & Son Co., milking tubes, 23d & Arch, Philadelphia, Pa.
Pillinger, W. A., Co., contractors, 11 S. La Salle, Chicago, Ill.
Pilliod Co., machinist, Swanton, Ohio.
Pilliod Co., valve gears, 30 Church, New York.
Pilliod Lumber Co., Swanton, Ohio.
Pillsburg, Arthur L., architect, Bloomington, Ill.
Pillsbury Flour Mills Co., 3rd fl. Met. Life Bldg., Minneapolis, Minn.
Pillsbury Mfg. Co., collapsible buckets, 322 Hennepin av, Minneapolis, Minn.
Piloid Milling Co., wheat flour, Swanton, Ohio.
Pilot Motor Car Co., Richmond, Ind.
Pilot Point Cotton Oil Mill Co., meal, Pilot Point, Tex.
Pilot Point Roller Mill Co., flour, Pilot Point, Tex.
Pilsen Fndry & Iron Wks., 1530 W. 22d, Chicago, Ill.
Pilsen Lbr. Co., 2201 Laflin, Chicago, Ill.
Pilsen Sash & Door Co., 2926 W. 26th, Chicago, Ill.
Pimes, M. & Co., furn., 300H N. Front, Baltimore, Md.
Pimbley Paint & Glass Co., St. Joseph, Mo.
Pinal Dome Refining Co., petroleum, Santa Maria, Cal.
Pinch Co., mill & facty. supplies, Lakeland, Fla.
Pinches, John, & Sons, interior hardwood wk. mfrs., New Britain, Conn.
Pinckneyville Milling Co., flour, Pinckneyville, Ill.
Pine Bluff Brick Co., Pine Bluff, Ark.
Pine Bluff Iron Wks., machsts. & fndrs., Pine Bluff, Ark.
Pine & Co., mill & facty. supplies, 745 3d av (Lansingburgh), Troy, N. Y.
Pine & Cypress Co., Alapaha, Ga.
Pine-Fir Co., lumber, Spokane, Wash.
Pine Grove Vitrified Brick Co., 20th & Sedgley, Philadelphia, Pa.
Pine-Ihrig Mach. Co., Oshkosh, Wis.
Pine Level Oil Mills, Pine Level, N. C.
Pine Lbr. Co., Newbern, N. C.
Pine Mountain Granite Co., Atlanta, Ga.
Pine Run Coal Co., bituminous, New Bethlehem, Pa.
Pine Tree Mfg. Co., Little Falls, Minn.
Pine Woods Lbr. Co., Springhill, La.
Pineora Mfg. Co., lumber, Pineora, Ga.
Pines Rubber Co., mackintoshes, 148 39th, Brooklyn, N. Y.
Pingree, A. W., lbr., Auburn, N. H.
Pingree, D. W., Co., lbr., etc., Lawrence, Mass.
Pingrey, Roy E., architect, 209 S. La Salle, Chicago, Ill.
Pinkerton Jas. A., contr., Berkeley, Cal.
Pinkerton, Rachael (Est. of), boilers, steel stacks & tanks, Green Island, N. Y.
Pinkham, C. A., Carriage Co., & sleighs, Farmington, Me.
Pinkham, Everard, architect, Needham, Mass.
Pinkham, J. E., Lbr. Co., cedar shingles, Seattle, Wash.
Pinkham & Smith Co., lenses, 288 Boylston, Boston, Mass.
Pinkley, Geo. C., contr., Gibson City, Ill.
Pinkosowitz, Abr., trunk mfr., 113 2d, New York.
Pinneh, Edw. F., architect, 4746 11th av, Seattle, Wash.
Pinnell, J. W., fndrs., Scranton, Pa.
Pinnell, J. W., & Co., lbr. mfrs., 230 E. Ohio, Indianapolis, Ind.
Pinnell & Tompkins Lumber Co., Rushville, Ind.
Pinneo & Daniels Co., carriage hubs, spokes & wheels, Dayton, Ohio.
Pinner, R. A., mach'y, 122 Water, New York.
Pinney, Casse & Lackey Co., window shade mfrs., Freemont, Jersey City, N. J.
Pinney, E. J., contractor, Springfield, Mass.
Pinyoun, F. C., & Son, portable fireproof garages, 2526 Carnegie av, Cleveland, Ohio.
Pioneer Alloy Products Co., Inc., annealing boxes, castings, cocks, ferro alloys, valves, etc., 16601 Euclid av., Cleveland, Ohio.
Pioneer Asphalt Co., waterproofing materials, Lawrenceville, Ill.
Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay, San Francisco, Cal.
Pioneer Boat & Pattern Co., Bay City, Mich.
Pioneer Boiler & Mach. Wks., Los Angeles, Cal.
Pioneer Brass Fdry. Co., Oakland, Cal.
Pioneer Brass Wks., machsts. & fndrs., Indianapolis, Ind.
Pioneer Brick Co., Spokane, Wash.
Pioneer Broom Co., Amsterdam, N. Y.
Pioneer Canning Co., St. Henry, Ohio.
Pioneer Canning & Pickling Co., St. Nazianz, Wis.
Pioneer Carriage Co., Seattle, Wash.
Pioneer Construction Co., 180 Jessie, San Francisco, Cal.
Pioneer Contr. Co., New Rochelle, N. Y.

Pioneer Cooperage Co., 2212 De Kalb, St. Louis, Mo.
Pioneer Corp., clocks, house numbers & switch plates, 1249 W. 65th, Chicago, Ill.
Pioneer Cotton Mills, twine, rope, wicks, Guthrie, Okla.
Pioneer Cut Glass Co., Carbondale, Pa.
Pioneer Fdry. Co., Ltd., Jackson, Mich.
Pioneer Flouring Mill Co., Island City, Ore.
Pioneer Furn. Co., Dept. H, Eau Claire, Wis.
Pioneer Granite Co., St. Cloud, Minn.
Pioneer Guano Co., Albany, Ga.
Pioneer Instrument Co., 136H Havemeyer, Brooklyn, N. Y.
Pioneer Iron Co., blast furnaces, Cleveland, Ohio.
Pioneer Iron & Wire Wks. Co., Denver, Colo.
Pioneer Iron Wks., machsts. & fndrs., 149 Pioneer, B'klyn, N. Y.
Pioneer Knitting & Mfg. Co., sweaters, cardigans, etc., 326 Market, Philadelphia, Pa.
Pioneer Lumber Co., Seattle, Wash.
Pioneer Mach. & Engraving Co., Merwin av, Cleveland, Ohio.
Pioneer Mach. Wks., steam engine & rd. rollers, 75 Delavan, Brooklyn, N. Y.
Pioneer Mfg. Co., soaps, sweeping compounds, etc., 3053H E. 87th, Cleveland, Ohio.
Pioneer Mfg. Co., galvanized steel tanks, Middlebury, Ind.
Pioneer Marble & Granite Wks., stone producers, El Paso, Tex.
Pioneer Mercantile Co., masons' & bldrs.' matls., Bakersfield, Cal.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Pioneer Paint Co., glass, Portland, Ore.
Pioneer Paper Co., Ballston Spa, N. Y., & Los Angeles, Cal.
Pioneer Pearl Button Co., Poughkeepsie, N. Y.
Pioneer Plaster Co., Seattle, Wash.
Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.
Pioneer Pole & Shaft Co., Piqua, Ohio.
Pioneer Rubber Mills, 68 Sacramento, San Francisco, Cal.
Pioneer Rubber Specialty Co., balloons, etc., Akron, Ohio.
Pioneer Sand & Gravel Co., Seattle, Wash.
Pioneer Shoe & Ruober Co., 27 No. 3d, Minneapolis, Minn.
Pioneer Soap Co., 15th & Vermont, San Francisco, Cal.
Pioneer Stove & Stamping Co., Tacoma, Wash.
Pioneer Tar Soap Co., Dayton, Ohio.
Pioneer Tractor Mfg. Co., engines, Winona, Minn.
Pioneer Wrecking & Constr. Co., Oakland, Col.
Piontek, Clement L., architect, 4930 Hutchinson, Chicago, Ill.
Piotti, Ambrogio, contractor, 98 Melvilleon, Boston, Mass.
Pipe Coiling, Bending & Welding Co., Arrott Bldg., Pittsburgh, Pa.
Pipe & Contractors' Supply Co., second-hand mach'y, 3 Dover, New York.
Pipe, G. W., architect, 721 Chestnut, St. Louis, Mo.
Pipe Machy. Co., 930 E. 70th, Cleveland, Ohio.
Pipe Railing Construction Co., 79 6th, Long Island City, N. Y.
Pipe Tube Bending Corp. of Am., 38 Grafton, Newark, N. J.
Piper, B. H., Co., bats, hammer handles, hockey & polo sticks, etc., Manchester, N. H.
Piper Bros., plbrs. supplies, 112 Brunswick av, Trenton, N. J.
Piper & Clark, starch mfrs., Sherman Mills, Me.
Piper, F. Stanley, architect, Bellingham, Wash.
Piper, J. A., Roofing Co., slasher hoods, etc., Greenville, S. C.
Pipkorn, W. H., Co., masons' & bldrs.' matls., Milwaukee, Wis.
Pipp, Herman W., architect, Ann Arbor, Mich.
Pippin, Walter T., contractor, Chestertown, Md.
Piqua Blower Co., Piqua, Ohio.
Piqua Bracket Co., Piqua, Ohio.
Piqua Cap Co., Piqua, Ohio.
Piqua Flour Co., Piqua, Ohio.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio.
Piqua Milling Co., flour, Piqua, Ohio.
Piqua Paper Box Co., scrap iron, Piqua, Ohio.
Piquet Box & Lbr. Co., pckg. box mfrs., Syracuse, N. Y.
Pirie, Jas. K., granite, Graniteville, Vt.
Pirring Mfg. Co., corn brooms & floor brushes, 4436 Greenview av, Chicago, Ill.
Pirrone, Frank, architect, Garfield, N. J.
Pischel, Frederick, architect, 4017 Milwaukee av, Chicago, Ill.
Pirsch, Peter, & Co., metal auto bodies, fire engines, hose, etc., Kenosha, Wis.
Pisanelli, Gennaro, contractor, 3553 Olinville av, New York.
Pisani Bros., marble & mosaic cube imptrs., 815 Vernon av, Astoria, Long Island City, N. Y.
Piston Ring Co., Muskegon, Mich.
Pit & Quarry, trade journal, 538 S. Clarke, Chicago, Ill.
Pitard, R. D., Hdwe. Co., whol. hdwe., 115 Chartres, New Orleans, La.
Pitard-Saxton Hdwe. Co., Inc., whol., 1031 Canal, New Orleans, La.
Pitard's, C., Sons, see Pitard-Saxton Hdwe. Co., Inc. (successors).
Pitcairn Varnish Co., varnish mfrs., 213 Lake, Milwaukee, Wis.
Pitegoff Bros., brushes, 13 Crosby, New York.
Pitkin, F. H., contractor, 30 N. Michigan av, Chicago, Ill.
Pitkin, Lucius, chemist, 47 Fulton, New York.
Pitkin, Wm., Jr., architect, Guardian bldg., Cleveland, O.
Pitless Auto Turntable Co., Kansas City, Mo.
Pitman & Brown Co., contrs., Salem, Mass.
Pitman, Ernest W., Co., contractors, Lawrence, Mass.
Pitman, John, contractor, Niagara Falls, N. Y.
Pitometer Co., water waste detectors, 25 Elm, New York.
Pitt Car Gate Co., 221 W. 26th, New York.
Pitt Constr. Co., Fulton Bldg., Pittsburgh, Pa.
Pitt Engng. Co., elevators, 120 W. Kinzie, Chicago, Ill.
Pitt, Wm. R. Composite Iron Wks., 548 W. 27th, New York.
Pittard, John T., fertilizer mfrs., Winterville, Ga.
Pittenger, Edw. S., contractor, Easton, Pa.
Pittet, Felix G., contractor, Paterson, N. J.
Pittman, Chas. H., brick, Brown Mills, N. J.
Pittman Construction Co., Atlanta, Ga.
Pittman, Henry C., architect, 52 William, New York.
Pittman, L. S., contr., Duquoin, Ill.
Pitts, A. L., Slate Co., Arvonia, Va.
Pitts Co., contractors, 58 E. Park av, Newark, N. J.
Pitts, J. D., lbr., Glen Alpine, N. C.
Pitts & Kitts Mfg. & Supply Co., mill & factory supplies, 233 B'way, New York.
Pittsburg Cotton Oil Co., meal, Pittsburg, Tex.
Pittsburg Fdry. Co., Los Angeles, Cal.
Pittsburg Fdry. & Mach. Co., Pittsburg, Tex.
Pittsburg Zinc Co., Pittsburg, Kans.
Pittsburgh Air Tight Door Sill Co., weather strips, Liberty & Short, Pittsburgh, Pa.
Pittsburgh Annealing Box Co., May Bldg., Pittsburgh, Pa.
Pittsburgh Armature Wks., 207 S. Main, Pittsburgh, Pa.
Pittsburgh Bldg. Co., 787 5th av., New York.
Pittsburgh Block & Mfg. Co., pulley blocks, 818 South av, Pittsburgh, Pa.
Pittsburgh Brake Shoe Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Brass Mfg. Co., copper castings, Penn & 32d, Pittsburgh, Pa.
Pittsburgh Bridge & Iron, works, steel structural work, Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pittsburgh Can Co., steel kegs, 61 Bridge, Pittsburgh, Pa.
Pittsburgh Carbon Brush Co., 512 E. Diamond, Pittsburgh, Pa.
Pittsburgh, Cincinnati, Chicago & St. Louis R. R. Shops, mchsts., Terre Haute, Ind.
Pittsburgh Clay Pot Co., glass house supplies, 1261 Reedsdale, Pittsburgh, Pa.
Pittsburgh Clay Products Co., brick, Keenan Bldg., Pittsburgh, Pa.
Pittsburgh Coal of Penn., coke mfrs., Oliver Bldg., Pittsburgh, Pa.
Pittsburgh Coal Co., Spahr bldg., Columbus, Ohio.
Pittsburgh Coal Co. of Wis., Garfield av, Duluth, Minn.
Pittsburgh Coal Washer Co., mach'y, Fulton Bldg., Pittsburgh, Pa.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Construction Co., Diamond Bank Bldg., Pittsburgh, Pa.
Pittsburgh Crucible Steel Co., car axles, springs, etc, Midland, Pa.
Pittsburgh Crushed Cteel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Pittsburgh-Des Moines Steel Co., steel tanks & towers, 804 Curry Bldg., Pittsburgh, Pa.
Pittsburgh Elec. Furnace Co., Union Bldg., Pittsburgh, Pa.
Pittsburgh Electric Specialties Co., cooking app. & projectors, Ross & 1st av, Pittsburgh, Pa.
Pittsburgh Electrical & Mach. Wks., machsts. & fndrs., Barker pl, Pittsburgh, Pa.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Pittsburgh Emery Wheel Co., see Pittsburgh Grinding Wheel Co. (successors).
Pittsburgh Equipment Co., car wheel centers, House Bldg., Pittsburgh, Pa.
Pittsburgh Filter & Engineering Co., 619 Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., car & locomotive axles, Chamber of Commerce Bldg., Pittsburgh, Pa.
Pittsburgh Foundry & Machine Co., ft. 36th, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., gages, rasp & file, etc., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Gallery Brick Co., Wabash Bldg., Pittsburgh, Pa.
Pitts. Gas Coal Co., bituminous, Punxstawneys, Pa.
Pittsburgh Gas & Elec. Fixture Co., 428 Penn., Pittsburgh, Pa.
Pittsburg Gear & Machine Co., 27th & Smallman, Pittsburgh, Pa.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Pittsburgh Hardwood Floor Co., sash, door & blind, Park Bldg., Pittsburgh, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
Pittsburgh Heating Co., 8 Wood, Pittsburgh, Pa.
Pittsburgh-Hickson Co., machsts. & fndrs., Butler, Pa.
Pittsburgh High Voltage Insulator Co., Derry, Pa.
Pittsburgh Incinerator Mfg. Co., garbage disposal plants, 231 1st av, Pittsburgh, Pa.
Pittsburgh Instrument & Mach. Co., hardness testing mach., 101 Walter, 236 3d, Pittsburgh, Pa.
Pittsburgh Insulating Co., insulating cloth, 96 43d, Pittsburgh, Pa.
Pittsburgh Iron Paint Co., mortar color mfrs., N. S. Pittsburgh, Pa.
Pittsburgh Iron & Steel Fdries. Co., Oliver Bldg., Pittsburgh, Pa.
Pittsburgh Iron Works, machsts. & fndrs., 2170 Bedford av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., Ridge & Chateau, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., machsts. & fndrs., Locust & River, Pittsburgh, Pa.
Pittsburgh Limestone Co., New Castle, Pa.
Pittsburgh Lbr. Co., Braemar, Tenn.
Pittsburgh Mach. Co., New Brighton, Pa.
Pittsburgh Mch. & Supply Co., mill & facty. supplies, 242 3d, Pittsburgh, Pa.
Pittsburgh Machine Tool Co., Braddock, Pa.
Pittsburgh Mach. Tool Co., screw cutting lathes, Corry, Pittsburgh, Pa.
Pittsburgh Mchy. & Equipment Co., mill & facty. supplies, Fulton Bldg., Pittsburgh, Pa.
Pittsburgh Machy. Exchange, dlrs., Keystone Bldg., Pittsburgh, Pa.
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.
Pittsburgh Metal Brazing Co., elec. welding, 2939 Smallman, Pittsburgh, Pa.
Pittsburgh Metal Spinning & Stamping Co., shade holders, 821 Locust, Pittsburgh, Pa.
Pittsburgh Metallurgical Co., Niagara Falls, N. Y.
Pittsburgh Meter Co., gas & water meters, East Pittsburgh, Pa.
Pittsburgh Model Engine Co., Lexington & McPherson, Pittsburgh, Pa.
Pittsburgh Nipple & Mfg. Co., 30 Carson, Pittsburgh, Pa.
Pittsburgh Oil Refining Co., 6600 Hamilton, Pittsburgh, Pa.
Pittsburgh Ornamental Iron Co., S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Paint Supply Co., 617 Liberty, Pittsburgh, Pa.
Pittsburgh Paper Box Co., Vanadium Bldg., Pittsburgh, Pa.
Pittsburgh Paving Brick Co., Pittsburgh, Kans.
Pittsburgh & Phila. Oil & Refining Co., Camden, N. J.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Plate Glass Co., Frick Bldg., Pittsburgh, Pa., & 53 Larned E., Detroit, Mich.
Pittsburgh Plumbing & Heating Co., supplies, 6310H Penn, Pitts, Pa.
Pittsburgh Provision & Packing Co., Herrs Island, Pittsburgh, Pa.
Pittsburgh Pump Co., force pumps, 20 4th, Pittsburgh, Pa.

Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty, Pittsburgh, Pa.
Pittsburgh Reinforcing Pole Co., 436 6th av, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Rolls Corp., 41st & Willow, Pittsburgh, Pa.
Pittsburgh Safe Co., Connellsville, Pa.
Pittsburgh Saw & Mfg. Co., 32d & Smallman, Pittsburgh, Pa.
Pittsburgh Scrap Iron Co., second hand pipe, S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pittsburgh Seamless Tube Co., Beaver Falls, Pa.
Pittsburgh Shafting Co. of Detroit, steel, tubing, 346 W. Fort, Detroit, Mich.
Pittsburgh Sheet Metal Co., cornices & skylights, S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Shovel Co., also spades, scoops, etc., Oliver Bldg., Pittsburgh, Pa.
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Pittsburgh Spring & Steel Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Stained Glass Wks., 6709 Hamilton av, Pittsburgh, Pa.
Pittsburgh Steel Co., iron rolling mills, steel to wire products, etc., 5th av & Grant, Pittsburgh, Pa.
Pittsburgh Steel Foundry Co., steel castings, 1115H Empire Bldg., Pittsburgh, Pa.
Pittsburgh Steel Products Co., iron & steel rolling Mills, Frick Bldg., Pittsburgh, Pa.
Pittsburgh Steel Stamp Co., stencils, 316 Penn av, Pittsburgh, Pa.
Pittsburgh Supply Co., mill & mine supplies, 244 1st av, Pittsburgh, Pa.
Pittsburgh Terminal Railroad & Coal Co., bituminous, Wabash bldg., Pittsburgh, Pa.
Pittsburgh Testing Laboratory, Seventh av & Bedford, Pittsburgh, Pa.
Pittsburgh Tool Steel Wire Co., Monaca, Pa.
Pittsburgh Transformer Co., Columbus & Preble av, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., drift pins & forgings, Pittsburgh, Pa.
Pittsburgh Trunk Co., 1041 Gibbon, Pittsburgh, Pa.
Pittsburgh Tube Co., pipe & tube mills, Keystone Bldg., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick Bldg., Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Constr. Co., valves, 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Varnish Co., 2640 Liberty av, Pittsburgh, Pa.
Pittsburgh Wall Paper Co., New Brighton, Pa.
Pittsburgh Water Heater Co., Jenkins Bldg., Pittsburgh, Pa.
Pittsburgh Waterproof Co., wagon covers, etc., 435 Liberty av, Pittsburgh, Pa.
Pittsburgh White Metal Co., babbitt metal, 3116 Penn av, Pittsburgh, Pa.
Pittsburgh White Sand Co., Farmers' Bk. Bldg., Pittsburgh, Pa.
Pittsburgh Wireless Equipment Co., Ridgway, Pa.
Pittsburgh Wood Preserving Co., creosoted materials, Century Bldg., Pittsburgh, Pa.
Pittsburgh & Erie Coal Co., bituminous, Erie, Pa.
Pittsburgh's Plumbing House, plbrs. supplies, Pittsburgh, Pa.
Pittsfield Junk Co., scrap rubber, Pittsfield, Mass.
Pittsfield Lime Co., Richmond, Mass.
Pittston Iron Roofing Co., Pittston, Pa.
Pittston Stove Co., Pittston, Pa.
Pitz, John F., patterns & models, 21 Rose row, New York.
Pitz & Weber, fndrs, 287 Scholes, Brooklyn, N. Y.
Pixley Safe Co., Toledo, O.
Piza, Nephews & Co., crude rubber, 18 B'way, New York.
P-K Engineers, contractors & expansion joints, St. Louis, Mo.
Placer County Growers' Ass'n, canned goods, Lincoln, Cal.
Plack Carriage Wks., Galion, Ohio.
Plack, W. L., architect, 1208 Chestnut, Phila., Pa.
Plackek, Jas. W., architect, Acheson Bldg., Berkeley, Cal.
Plain Canning Co., Plain City, Ohio.
Plainfield Brass Fndry., Plainfield, N. J.
Plainfield Pattern Works, Plainfield, N. J.
Plains Iron Works Co., indust. cars, Denver, Colo.
Plainville Canning Co., Plainville, Ind.
Plaistead, B. T., knitted gloves, Hartford, Conn.
Plambeck, H. Wm., contractor, Davenport, Ia.
Plamondon, A., Mfg. Co., power transmitting machy., 24 N. Clinton, Chicago, Ill.
Plampin Lithograph Co., advtg. signs, 147 Waverly pl, New York.
Plane, I. C., cornices & skylights, Independence, Ia.
Planert, F. W., & Son, ice skates, 941 N. Roby, Chicago, Ill.
Planet Co., auto trunks, halters, etc., Westfield, Mass.
Planing Mill Co., sash, door & blinds, Roaring Springs, Pa.
Plank Flexible Shaft Mach. Co., universal joints, Grand Rapids, Mich.
Plankinton Packing Co., meat, Muskego & Canal, Milwaukee, Wis.
Plano Tractor Co., Plano, Ill.
Plansifter Milling Co., nc., flour, Okla., Okla..
Plant City Composite Brick Co., Plant City, Fla.
Plant Engng. & Equip. Co., Inc., steam traps, air compressors, etc., 192 Broadway, New York.
Plant Mfg. Corp., lamps, shades, etc., 236 5th av, New York.
Plant Rubber Co., 322 1st av N., Minneapolis, Minn.
Planten, H., & Son, capsules, 93 Henry, Brooklyn, N. Y.
Planters' Chemical & Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Augusta, Ga., & Montgomery, Ala.
Planters' Cotton Oil & Fertilizer Co., Rocky Mount, N. C.
Planters' Fertilizer & Chemical Co., acid phosphate, Hibernia Bldg., New Orleans, La.
Planters' Fertilizer Co., Flowery Branch, Macon & Tennville, Ga.
Planters' Fertilizer & Live Stock Co., Buena Vista, Ga.
Planters' Fertz. & Phosphate Co., Charleston, S. C.
Planters' Hardware & Mill Supply Co., Ltd., Thibodeaux, La.
Planters' Lumber Co., Ltd., Jeanerette, La.
Planters Mfg. Co., crates, fruit, package & wood boxes, Portsmouth, Va.
Planters' Oil Co., Albany, Ga.
Planters' Oil & Fertilizer Co., Lilly, Ga.
Planters' Oil Mill, Tunica, Miss.
Planters' Oil Mill & Gin Co., fertilizer mfrs., Kosciusko, Miss.
Planters' Warehouse & Commission Co., fertilizer mfrs., Eutaw, Ala.
Planters' Warehouse Co., fertilizer, Reynolds, Ga.
Planters' Warehouse & Loan Co., Fitzgerald, Ga.
Plaquemine Brickyard, Plaquemine, La.
Plaquemine Stave & Heading Co., Ltd., Plaquemine, La.
Plastergon Wall Board Co., 196 Philadelphia av, Buffalo, N. Y.
Plass, L., Co., steel, 132 Pearl, New York.
Plastic Relief Mfg. Co., woodcarvers, ornaments, 1959 Fulton, Chicago, Ill.
Plastone Co., drainboards & sanitary flooring, Los Angeles, Cal.
Plato, Samuel, architect, Marion, Ind.
Platt, Addison J., agricultural implements, Sterling, Ill.
Platt Bros. & Co., fndrs., Waterbury, Conn.
Platt, Chas. A., landscape architect, 101 Park av, New York.
Platt, Chas. A. E., architect, 14th & Euclid av, Cleveland, Ohio.
Platt, Chas. S., Co., silver solder, 31 Gold, New York.
Platt, Clarence B., stone, Bridgeton, N. J.
Platt & Co., cans & canned goods, Key Highway & Boyle, Baltimore, Md.
Platt & Co., lbr., Onancock, Va.
Platt, Frank S., Co., fertilizer mfrs., New Haven, Conn.
Platt, Frederick Putman, & Bros., architects, 680 B'way, New York
Platt, Geo. A., children's carriages, 489 5th av, Brooklyn, N. Y.
Platt, Hy. B., disinfectants, etc., 42 Cliff, New York.
Platt Iron Works, Co., pumps, oil mill machinery, etc., Dayton, O.
Platt, J. Mills, architect, Cutler Bldg., Rochester, N. Y.
Platt Pressed & Fire Brick Co., Van Meter, Ia.
Platt & Thornburgh Paint Co., 7th & Franklin, St. Louis, Mo.
Platt & Washburn Refin'g Co., oils & greases, 11 B'way, New York.
Platt, Wm. L., Constr. Co., Paterson, N. J.
Platte Valley Canning Co., Denver, Colo.
Platte Valley Cement Tile Mfg. Co., Fremont, Neb.
Plattner Mfg. Co., machst. Denver, Colo.
Plattner Yale Mfg. Co., hay tools, Lincoln, Neb.
Plattsburg Foundry & Machine Co., Plattsburg, N. Y.
Plattsburg Wall Paper Co., Plattsburg, N. Y.
Plaut, L., & Co., elec. & gas light fixture mfrs., 432 E. 23d, New York.
Play-O-Lite Co., piano lamps, 215 Front, Worcester, Mass.
Play O-Lite Co., portables, 1750 Main, Buffalo, N. Y.
Playthings, trade publication, 118 E. 28th, New York.
Plaza Music Co., talk'g Mach., 10 W. 20th, New York.
P. & L. Constrg. Co., 299 B'way, New York.
Pleas Concrete Construction Co., 30 N. La Salle, Chicago, Ill.
Pleasant Grove Canning Co., Pleasant Grove, Utah.
Pleasant River Granite Co., Addison, Me.
Pleins, Leo H., architect, 544 S. Franklin, Chicago, Ill.
Plessinger Lbr. Co., Carlton, Wash.
Pleuthner, W. K., architect, 599 5th av, New York.
Pleus, Frank C., architect, 597 5th av, New York.
Plew & Motter, loose leaf devices, 1200 W. Monroe, Chicago, Ill.
Plews, R., Mfg. Co., cornices, Central Falls, R. I.
Plew, Wm. R., architect, Montana State College, Bozeman, Mont.
Plimpton Elevating Truck Co., see Plimpton Truck Co. (successors).
Plimpton & Hills Corp, mill, facty. & plumbers' supplies, Hartford, Conn.
Plimpton, J. E., & Co., machsts. & fndrs., Norwood, Mass.
Plimpton Mfg. Co., plain envelopes, Hartford, Conn.
Plimpton Truck Co., Stamford, Conn.
Plizer, Elias M., stone prod., Watkins, Brooklyn, N. Y.
Plocher, Andrew, Sons Co., arch. iron wks., Dayton, Ohio.
Plock, A. F., safety catches, Park Bldg., Pittsburgh, Pa.
Plock, John, Co., contractor, 221 Huron, Toledo, Ohio.
Plomb Tool Mfg. Co., 2209 Santa Fe av, Los Angeles, Cal.
Plomo Specialty Mfg. Co., gear protective composition, lubricating oils, etc., Belmont Bldg., Cleveland, Ohio.
Plont Mfg. Co., lbr., Marysville, Wash.
Plotkin, S. J., mattresses, Johnstown, Pa.
Plotz, Wm., machst., 401 Champlain av N. W., Cleveland, Ohio.
Plugh, August T., plugs—soil pipe testing, Hoboken, N. J.
Plum Point Canning Co., Plum Point, Md.
Plumb, D. S., clock wks., gears, gauges, movements, etc., Norfolk, nr. Central av, Newark, N. J.
See adv index at end of book.
Plumb, Fayette R., chisels & gauges, Tucker & James, Phila., Pa.
Plumber & Steam Fitter, trade publication, 15 E. 40th, New York.
Plumbers' Trade Journal, 45 W. 34th, New York.
Plumbers' & Factory Supply Co., 33 E. Spring, Columbus, Ohio.
Plumbers', H. & M., Supply Co., 217 E. 58th, New York.
Plumbers' Supply Co., Joplin, Mo.
Plumbers' Woodwork Co., Algoma, Wis.
Plumbing & Mill Supply Co., 840 Baronne, New Orleans, La.
Plumbing Sales Co., plbrs. supplies, 735 W. Lake, Chicago, Ill.
Plumbing Supply Co., Sioux Falls, S. D.
Plume & Atwood Mfg. Co., lamp adapters, 470 Bank, Waterbury, Conn.
Plume, Edw. C., Co., advtg. signs, 417 S. Dearborn, Chicago, Ill.
Plumley, Morris, contractor, Chester, Pa.
Plummer, C. M., & H. T., steam fitters' supplies, Portland, Me.
Plummer, D. S., brick, 104 W. 90th, New York.
Plummer, Geo. E., & Son, sashes, doors & blinds, Alameda, Cal.
Plummer, Geo. L., lbr., Union, N. H.
Plummer, H. H., masons' & bldrs.' matls., Menasha, Wis.
Plummer, W. A., Mfg. Co., bags & bagging, 37 Front, San Francisco, Cal.
Plump, G. H., & Sons, contractors, 1415 Mansfield, Cincinnati, O.
Plumstead, Harry T., shoe patterns, Haverhill, Mass.
Plunket, Jas. E., machsts., 1345 W. Lake, Chicago, Ill.
See adv index at end of book.
Plunkett, Chas., sink brushes & corn brooms, 205 Duane, New York.
Plunkett Chemical Co., disinfectants, 2540 Cottage Grove av, Chicago, Ill.
Plunkett-Webster Lbr. Co., Inc., 33 W. 42d, New York.
Plunkett, W. C., & Sons, warps, textile machy., Adams, Mass.
Plymouth Canning Co., Plymouth, Wis.
Plymouth Clay Products Co., Fort Dodge, Iowa.
Plymouth Cordage Co., North Plymouth, Mass.
Plymouth Foundry Co., Plymouth, Mass.
Plymouth Fdry. & Machine Co., Plymouth, Wis.
Plymouth Gypsum Co., plaster, Ft. Dodge, Ia.
Plymouth Mfg. Co., wire bound boxes, Plymouth, Ind.
Plymouth Milling Co., Le Mars, Ia.
Plymouth Mills, bolt, nut & rivet mfrs., Plymouth, Mass.
Plymouth Mills, fibre matt'g, 1115 B'way, New York.

Plymouth Rubber Co., cloths, heels, sheets, springs, etc., Canton, Mass.
Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.
P. & M., Co. (The), rail anchors, rail anti-creepers, 80 E. Jackson blvd., Chicago, Ill.
Pneumatic Concrete Machinery Co., concrete mixers, Wilson av, Newark, N. J.
Pneumatic Conveyor Co., see Guarantee Construction Co. (successors).
Pneumatic Cushion Co., auto springs, 179 Grove, San Francisco, Cal.
Pneumatic Cushion Rubber Heel Co., 19 Lincoln, Boston, Mass.
Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.
Pneumatic Mfg. Co., buckets, life preservers, boat fenders, etc., 123 Pacific, Brooklyn, N. Y.
Pneumatic Scale Corp., automatic weighting, sealing & packing machine mfrs., Norfolk Downs, Mass.
Pneumatic Stamp Mfg. Co., rubber, 7H Henry, Binghamton, N. Y.
Pneumatic Transit Co., pneumatic tubes, 926 Columbia, Philadelphia, Pa.
Pneuvac Co., hand vacuum cleaners, 51 Jackson, Worcester, Mass.
Poage, R. C., Milling Co., flour, Ashland, Ky.
Po Ambo Chem. Co., naphthylamine beta, Matawan, N. J.
Pocahontas Fndry. & Mach. Co., Keystone, W. Va.
Pocahontas Fuel Co., Inc., coal mine, Pocahontas, Va.
Pocahontas Guano Co., fertilizer mfrs., Lynchburg, Va.
Pocahontas Lbr. Co., Brookville, Pa., & Corinth, Miss.
Pocahontas Mining Co., coal, H. Times bldg, St. Louis, Mo.
Pocasset Mfg. Co., cotton sheetings, Fall River, Mass.
Pocher, B. H., & Co., contractors, 880 Main, Cambridge, Mass.
Pockels Drug, Glass & Paint Co., Jefferson & Gravois, St. Louis, Mo.
Pocock, W. H., contractor, 1115 Gladstone, Detroit, Mich.
Pocomoke Foundry & Machine Wks., Pocomoke City, Md.
Pocomoko Guano Co., fertilizer mfrs., Norfolk, Va.
Pocono Metal Mfg. Co., Inc., bathroom fixtures & stamping, East Stroudsburg, Pa.
Pocono Rubber Cloth Co., Trenton, N. J.
Podmore, Thos., architect, Bennett Bldg., Wilkes-Barre, Pa.
Poe, E. A., Brick Co., Fayetteville, N. C.
Poe, F. W., Mfg. Co., cotton sheetings, Greenville, S. C.
Poe Hardware & Supply Co., Greenville, S. C.
Pockel, T. Sch. & Co., yacht bldg. & marine railway, Neponset, Boston, Mass.
Poeter, E., & Co., metal nov. & spec., 1168 S. Grove, Newark, N. J.
Poeppel, Emil, metal novelties, 1800 Berenice av, Chicago, Ill.
Poggensee Brush Co., bottle washers, 1923 Armitage av, Chicago, Ill.
Poggi, C. Godfrey, architect, 2 Julian pl, Elizabeth, N. J.
Pogue Lumber Co., masons' & bldrs.' matls., Hinckley, & Waterman, Ill.
Pohl, Geo. D., Mfg. Co., machsts. & fndrs., Vernon, N. Y.
Pohl, Jno. E., cornices, Lancaster, Pa.
Pohlkamp, H., contractor, Covington, Ky.
Pohlman & Co., furniture, 12H Vermont av, Detroit, Mich.
Pohlmann, John W., Fndry. Co., 205 Baitz av, Buffalo, N. Y.
Poinsett Lbr. & Mfg. Co., Truman, Ark.
Point Lobos Canning Co., Monterey, Cal.
Point Marion Glass Novelty Co., Point Marion, Pa.
Point Milling & Mfg. Co., barytes, Mineral Point, Mo.
Pointe Coupee Stave & Lumber Co., New Orleans, La.
Poirot, A. P., contr., Belleville, Ill.
Poitevent & Favre Lbr. Co., L. & L. & G. Bldg., New Orleans, La.
Polacheck, Chas., & Bro. Co., elec. & gas light fixtures, 217 3d, Milwaukee, Wis.
Polachek, John, Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.
Polack Co., bristles, horse & goat hair, 249 Pearl, New York.
Polack Tyre & Rubber Co., 1876 B'way, New York.
Polan, Katz & Co., umbrella mfrs., 2 Market Pl., Balto., Md.
Poland Laundry Mach'y Co., 47 Kemble, Boston, Mass.
Poland Paper Co., Mechanic Falls, Me.
Poland, W. A., architect, 9 S. Stockton, Trenton, N. J.
Polar Mfg. Co., stationers' specialties, 101 N. Marshall, Philadelphia, Pa.
Polar Still Co., water, 24 S. Clinton, Chicago, Ill.
Polay Fixture Service Co., window display fix., 515 N. Halsted, Chicago, Ill.
Polenske Bros., Schellak & Co., brick, Hastings, Neb.
Poley, J. Vincent, architect, Royersford, Pa.
Polhemus, Mackenzie & Coffin, architects, 15 E. 40th, New York.
Polhemus, P. B., architect, Roselle Park, N. J.
Polhemus, P. B., contractor, 110 W. 34th, New York.
Polis, Sam M., architect, 115 Broad, New York.
Polish Prod. Co., metal, furniture & shoe polish, Kansas City, Mo.
Politano, D., Bros., contractors, 607 Webster av, Pittsburgh, Pa.
Politure Chemical Co., soap, St. Louis, Mo.
Polk, A. J., & Son Co., machsts., Millersburg, Pa.
Polk-Genung Polk Co., steel tanks, Fort Branch, Ind.
Polk, J. T., Co., canned goods, Mound City, Ill.
Polk, R. L., Co., directory publishers, 21 Howard, Detroit, Mich.
Polk, W. C., flour mill, Hindsville, Ark.
Poll, J. C., contractor, Danville, Ill.
Pollack, Henry, Trunk Co., Dallas, Tex.
Pollack, Max., & Co., cotton thread, 12 E. 22d, New York.
Pollak, Max, archtl. & ornament. iron, 505 E. 76th, New York.
Pollak Steel Co., The, axles & forgings, 386 W. 71st, Carthage, Cincinnati, O.
Pollard-Alling Mfg. Co., mchsts. & fndrs., 312 E. 23d, New York.
Pollard, C. A., Co., lock corner box machy., etc., Newfields, N. H.
Pollard, C. W., contractor, Richmond, Va.
Pollard & Campbell, contrs., Omaha, Neb.
Pollard Engng. Co., machsts., 169 N. Jefferson, Chicago, Ill.
Pollard, Geo. Mort., architect, 347 5th av, New York.
Pollard, J. G., tool mfrs., 141 Raymond, Brooklyn, N. Y.
Pollard, John H., architect, Fort Worth Natl. Bk. Bldg., Fort Worth, Tex.
Pollard Lbr. Co., Westport, Cal.
Pollard, M. J. C., contractor, Columbus, Ga.
Pollevs Lbr. Co., Missoula, Mont.
Pollmar & Ropes, architects, 213 State, Detroit, Mich.
Pollock, Alex., Co., mill & facty. supplies, 203 West, New York.
Pollock Brush Co., brushes, 25-27 N. Fourth, Easton, Pa.
Pollock Fertilizer Co., Fidelity Bldg., Baltimore, Md.
Pollock, Geo., Co., bridge contrs., Sacramento, Cal.
Pollock Ink Co., printing inks, 212 Elm, Buffalo, N. Y.
Pollock, Mayer, machy. & metal dealers, Pottstown, Pa.
Pollock Paper Co., 1401 Pacific av, Dallas, Tex.
Pollock, Robt. S., Co., contractors, 118 E. 28th, New York.
Pollock, S., & Son, masons' & bldrs.' matls., Coldwater, Mich.
Pollock, Wm. B., Co., steel structural wk., etc., Youngstown, O.
Pollock & Taber Consulting Civil Engrs., Park Row bldg., New York
Polo Mach. Co., gas & oil engines, Polo, Ill.
Polsey, J. N., & Co., packing box mfrs., Pawtucket, R. I.
Polson Mfg. Co., automobile wind shields, Buffalo, N. Y.
Polson, Wm., & Co., sash, door & blind mfrs., Saginaw, Mich.
Polson, W. J., Co., 18th & Indiana av, Kansas City, Mo.
Polygon Products Co., rust dissolver, 141 Milk, Boston, Mass.
Polytechnic College of Engineering, Oakland, Cal.
Polytechnic Institute, engng. school & college, 85 Livingston, Brooklyn, N. Y.
Polzella, Frank D., contractor, 512 Cortlandt av, New York.
Pomaria Oil Mfg. Co., meal, Pomaria, S. C.
Pomeroy Chemical Co., bromine, chloride of calcium & salt, Pomeroy, Ohio.
Pomeroy Constr. Co., 1609 Ranstead, Philadelphia, Pa.
Pomeroy, E. A., contractor, Gloucester, Mass.
Pomeroy & Fischer, varnish mfrs., wood fillers, etc., 95 Madison av, New York.
Pomeroy Ink Mfg. Co., 55 E. Park, Newark, N. J.
Pomeroy, Jim T., architect, 4921 N. Kedzie av, Chicago, Ill.
Pomeroy, John S., Co., contractors, Gloucester, Mass.
Pomeroy Machine Co., Pomeroy, Ohio.
Pomeroy, S. H., Co., fire-proof windows, 282 E. 134th, New York.
Pomeroy Salt Assn. Co., Pomeroy, Ohio.
Pomeroy & Stellrecht, machsts., 582 Kensington av, Buffalo, N. Y
Pomona Mfg. Co., machinists, Pomona, Cal.
Pomona Terra Cotta Co., Pomona, N. C.
Pomona Valley Canning Co., Pomona, Cal.
Pompeian Mfg. Co., water automatic heaters, 2104 Superior av, Cleveland, Ohio.
Ponca City Milling Co., flour, Ponca City, Okla.
Pond, Allen Bartlett, architect, 64 E. Van Buren, Chicago, Ill.
Pond Creek Coal Co., Stone, Ky.
Pond, E. K., Packing Co., 517 W. 24th pl, Chicago, Ill.
Pond, J. E., & Son, sash, door & blind mfrs., Crown Point, N. Y.
Pond, Irving K., architect, 64 E. Van Buren, Chicago, Ill.
Pond, L. W., Mach. & Fndry. Co., Worcester, Mass.
Pond Lumber Co., Conneaut, Ohio.
Pond & Robinson, landscape archts., 101 Tremont, Boston, Mass.
Pondelick Bros., engine pistons, 215 S. Leavitt, Chicago, Ill.
Pondville Woolen Mills, Auburn, Mass.
Pons & Sunday, contractors, Pensacola, Fla.
Ponsford, H. T., contractor, El Paso, Tex.
Pontiac Planing Mill Co., sash, door & blind, Pontiac, Mich.
Pontiac Shingle Co., Seattle, Wash.
Pontiac Tractor Co., Pontiac, Mich.
Pontiac Varnish Co., Pontiac, Mich.
Pontoosuc Woolen Mfg. Co., steamer rugs, Pittsfield, Mass.
Pontotoc Cotton Oil Co., Pontotoc, Miss
Ponty, D. H., Jr., architect, Port Chester, N. Y.
Pontz, A. F., & Co., whol. hdwe., Lancaster, Pa.
Pontz, Adam, brick, Lancaster, Pa.
Pontz, Fred D., plbrs. supplies, Lancaster, Pa.
Pontz, Jacob, common brick, Lancaster, Pa.
Pool Hardware Co., Chattanooga, Tenn.
Poole Brass Fdry. Co., Butler, Pa.
Poole-Dean Co., steel structural wk., Portland, Ore.
Poole, E. H., & Co., machsts. & fndrs., 1513 Orleans, Balto., Md.
Poole Engineering & Machine Co., machy. mfrs., Woodberry sta., Baltimore, Md.
Poole, J. Morton Co., brass & grey iron castings, etc., ft. of Thomas, Wilmington, Del.
Poole, Jas. W., speaking tubes, 16 Columbia, Boston, Mass.
Poole Mfg. Co., boiler cleaners, 325 Columbus av, Boston, Mass.
Poole Piano Co., Cambridge, Mass.
Poole, T. H., & Co., archts., Colorado Bldg., Washington, D. C.
Poole, Wm., contractor, Springfield, Ohio.
Pooler, W. J., contractor, Ogdensburg, N. Y.
Pooley Furn. Co., Indiana av & 17th, Phila., Pa.
Poor, C. O., architect, 537 Congress, Portland, Me.
Poorman, H. B., Box Mfg. Co., pckg. box mfrs., 10th & Howard, St. Louis, Mo.
Poorman, J. E., tap wrenches, 1825 Bristol, Philadelphia, Pa.
Poorman, O. O., Co., machinist, New Bremen, Ohio.
Poos, John, cornices & skylights, Dayton, Ky.
Pope, B. F., crushed stone, Law Bldg., Baltimore, Md.
Pope & Burton, archts., Newhouse Bldg., Salt Lake City, Utah.
Pope Cannon Box Co., pckg. box mfrs., Geneva, Ill.
Pope, Chas., sugar refineries, McCormick Bldg., Chicago, Ill.
Pope, Chas. A., parquet floors, 320 E. 95th, New York.
Pope-Gosser China Co., Conshohocken, Pa.
Pope, J. T., flour, Dublin, Ga.
Pope, Jno. Russell, architect, 527 5th av, New York.
Pope, John Francis, architect, 954 N. Leamington av, Chicago, Ill.
Pope, Jos., contractor, Jefferson City, Mo.
Pope, L. A., contractor, Rock Hill, S. C.
Pope Mfg. Co., fertilizer, Washington, Ga.
Pope Mfg. Co., motor cycles & motor fire engines, Hartford, Conn.
Pope, T. J., butchers' knives, Sauquoit, N. Y.
Pope & Talbot, lumber, ft. of 3d, San Francisco, Cal.
Pope Trading Co., metal dlrs., 90 West, New York.
Pope, Wm. A., heating contrs., 26 N. Jefferson, Chicago, Ill.
Popkin, Charles Adrian, architect, Sapulpa, Okla.
Poplar Bluffs Handle Wks., Poplar Bluffs, Mo.
Popp, Jas., buttons, 334 S. Clinton, Chicago, Ill.
Popp, John C., brick, Perryville, Mo.
Popp, Oliver J., architect, Odd Fellows bldg, St. Louis, Mo.
Popp & Wolf Hwde. Co., Saginaw, Mich
Poppenberger, Wm., & Son, contrs., 735 York, St. Paul, Minn.
Popper, Leon, & Sons, glass, 143 Franklin, New York.
Poppke & Son, archtl. & ornamentl. iron, 805 Lex. av, Brooklyn, N. Y.
Popple & Knowles Co., cornices & skylights, Seattle, Wash.
Popplein, G. & N., paint & varnish mfrs., 220 Guilford, Balto., Md.
Popular Mechanics Magazine, trade publication, 6 N. Michigan av, Chicago, Ill.
Porath, Ferd., & Son, contrs., Free Press Bldg., Detroit, Mich.

Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.
Porcela Radax Co., tile & marble clnrs., Bessemer Bldg., Pittsburgh, Pa.
Porcelain Enamel & Mfg. Co., signs & table tops, 8th & O'Donnell, Baltimore, Md.
Porcelain Enameling Assn. of Amer., Sheboygan, Wis.
Porcupine Co., boilers, Bridgeport, Conn.
Porkorney, B. W., & Co., brass works, 132 S. Clinton, Chicago, Ill.
Porparato, Jno. A., archt., 619 Wash., San Francisco, Cal.
Porritt, Chas. H., contractor, Fargo, N. D.
Port Arthur Cooperage Co., Port Arthur, Tex.
Port Barre Timber & Tie Co., Port Barre, La.
Port Blakeley Mill Co., lbr., 351H California, San Francisco, Cal.
Port Byron Lime Assn., Port Byron, Ill.
Port Byron Material & Fuel Co., Rock Island, Ill.
Port Chester Mach. Wks., Port Chester, N. Y.
Port Clinton Buggy Co., carriages, Port Clinton, Ohio.
Port Costa Brick Works, 618 Mission, San Francisco, Cal.
Port Crescent Shingle Co., Joyce, Wash.
Port Deposit Quarry Co., bldg. granite; grits & meal, Port Deposit, Md.
Port Gibson Oil Wks., Port Gibson, Miss.
Port Hy. Iron Ore Co., 2 Rector, New York.
Port Huron Const. Co., machsts., Port Huron, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Port Huron Sulphite & Paper Co., Port Huron, Mich.
Port Morris Castings Co., 138th & Locust av, New York.
Port Morris Chem. Wks., 141st & Locust av, New York.
Port Republic Fndry., Port Republic, Va.
Port Republic Milling Co., flour, Port Republic, Va.
Port Townsend Pile Driving Co., Port Townsend, Wash.
Port Wentworth Lbr. Co., Savannah, Ga.
Portable Bank Sawmill, Inc., sawmill machy., 239 E. 86th, New York.
Portable Const. Co., 50 Church, New York.
Portable Elec. Safety Light Co., 10 Johnson, Newark, N. J.
Portable Elec. Searchlight Co., Boston, Mass.
Portable Elevator Mfg. Co., portable grain elevator & wagon dumps, Bloomington, Ill.
Portable Machy. Co., Inc., wagon loaders, Passaic, N. J.
Portage Brick Co., Hollidaysburg, Pa.
Portage Entry Redstone Co. (Ltd.), Houghton, Mich.
Portage Hosiery Co., lumbermen's socks, Portage, Wis.
Portage Lake Foundry & Machine Co., machsts. & fndrs., Hancock, Mich.
Portage Lake Hdw. Co. (Ltd.), cornices & skylights, Houghton, Mich.
Portage Silica Co., sand & gravel dlrs., etc., Youngstown, Ohio.
Portage Tire & Rubber Co., Akron, Ohio.
Portageville Bluestone Co., Portageville, N. Y.
Porter & Boyd, contractors, Charlotte, N. C.
Porter, B. E., architect, 46 S. B'way, Akron, Ohio.
Porter Bros., contractors, Ry. Exch. Bldg., Portland, Ore.
Porter Bros. Co., contractors, Spokane, Wash.
Porter Bros., lbr., Palatka, Fla.
Porter-Burnham Co., contractors, Portland, Me.
Porter, C. B., Co., tinware mfrs., 128 N. 2d, Philadelphia, Pa.
Porter, C. O., Machy. Co., 666 Front av N., Grand Rapids, Mich.
Porter-Cable Mach. Co., Syracuse, N. Y.
Porter, Chas. M., contractor, 111 W. Washington, Chicago, Ill.
Porter Chemical Co., toys, Hagerstown, Md.
Porter Co., lamps, fire trumpets, etc., 241 Water, New York.
Porter & Co., willow ware mfrs., 27 Creek sq., Boston, Mass.
Porter, Cyrus K., & Sons, architects, 73 W. Eagle, Buffalo, N. Y.
Porter Fertilizer Co., Atlanta, Ga.
Porter, Finley Robertson, Co., automobile bldrs., Port Jefferson Station, Long Island City, N. Y.
Porter, Frank, Lumber Co., 11 S. La Salle, Chicago, Ill.
Porter, G. W., & Son, mchsts. & fndrs., Punxsutawney, Pa.
Porter, H. K., bolt & rivet clippers; rod & wire, storage battery & electric wire cutters mfrs., 6 Ashland, Everett, Mass.
Porter, H. K., Co., locomotive mfrs., Union Bank Bldg., Pittsburgh, Pa.
Porter Iron Roofing & Corrugating Co., iron & steel roofing & siding, 522 Culvert, Cincinnati, Ohio.
Porter, J. E., Co., agricultural implements, Ottawa, Ill.
Porter, J. N. W., bldg. contrs., Norfolk, Va.
Porter, Jas., contractor, Carlisle, Pa.
Porter, John S., & Co., contractors, 3711 Coleraine av, Cincinnati, O.
Porter, Lew F., architect, Madison, Wis.
Porter Lumber Co., Reinbeck, Ia., & Chelyan, W. Va.
Porter Mach. Co., pulleys, clutches, couplings, Wooster, Ohio.
Porter Machine Works, engine lathes, Hatfield, Mass.
Porter & Moore Co., see Atlantic Supply Co., Inc., (successor).
Porter Rubber Co., tires, Salem, O.
Porter, S., & Co., wooden shoe lasts, 25 Union, Worcester, Mass.
Porter, S. J., architect, Tipton, Ind.
Porter Safety Seal Co., 163 W. Harrison, Chicago, Ill.
Porter & Schreiber, architects, Brandeis Theatre bldg., Omaha, Nebr.
Porter Screen Co., Burlington, Vt.
Porter, W. H., freight elevators, 30 Wendell, Boston, Mass.
Porter-Wadley, lbr. mfrs., Cotton Valley, La.
Porterfield, Ira J., mattresses, 2019 Ridge av, Philadelphia, Pa.
Porteus Walker Co., contractors, Hartford, Conn.
Portia Lbr. Co., Jonesboro, Ark.
Portland Art Glass Wks., Portland, Ore.
Portland Basket & Handle Co., Portland, Ore.
Portland Body Wks., Portland, Ind.
Portland Bridge Co., Yeon Bldg., Portland, Ore.
Portland Bridge & Bldg. Co., Portland, Ore.
Portland Bridge & Iron Co., Portland, Ore.
Portland Cement Co. of Utah, Salt Lake City, Utah.
Portland Co., freight elev., mill & fact'y. supplies, ship & marine engine bldrs., etc., Portland, Me.
Portland Contracting Co., Pottsville, Pa.
Portland Cooperage Co., barrel bungs, Portland, Me.
Portland Cordage Co., 14th & Northrup, Portland, Ore.
Portland Drain Tile Co., Portland, Ind.
Portland Egg Case Co., Portland, Ind.
Portland El. Maintenance Co., switchboards, Portland, Ore.
Portland Elevator Co., Portland, Ore.
Portland Extension Ladder & Pole Co., 130 Orange, Newark, N. J.
Portland Flouring Mills Co., Portland, Ore.
Portland Foundry Co., Portland, Mich.
Portland Furn. Mfg. Co., 1249H Macadam Rd., Portland, Ore.
Portland Garage Co., auto. turntables, Portland, Me.
Portland Granite Co., Racine & Waterloo, Wis.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Portland Linseed Oil Wks., Portland, Ore.
Portland Lbr. Co., Portland, Ore., & St. Marys, Pa.
Portland Machinery Co., 62 1st, Portland, Ore.
Portland Mfg. Co., Veneer Panels, ft. Richmond, Portland, Ore.
Portland Marine Supply Co., mill & factory supplies, Portland, Ore.
Portland Milling Co., flour, Portland, Mich., & Tenn.
Portland-Monson Slate Co., slate for electrical purposes mfrs., Portland, Me. *See adv index at end of book.*
Portland Packing Co., canned goods, Portland, Me.
Portland Products Co., canned goods, South Portland, Me.
Portland Pulley Co., wood split, Portland, Ore.
Portland Railway Light & Power Co., Portland, Oregon.
Portland Rendering Co., fertilizer mfrs., Portland, Me., & Ore.
Portland Rice Milling Co., Portland, Ore.
Portland Rubber Co., Portland, Me.
Portland Rubber Mills, mech'l rubber goods, 368 E. 9th, S. Portland, Ore.
Portland Seed Co., fertz. mfrs., Portland, Ore.
Portland Shipbldg. Co., wooden ship bulds., 257 Front, S., Portland, Me.
Portland Silo Co., Portland, Ind.
Portland Specialty Mfg. Co., machsts. & fndrs., Portland, Conn.
Portland Stone Co., Met. Life Bldg., St. Paul, Minn.
Portland Stone Ware Co., 49 Federal, Boston, Mass.
Portland Stove Fndry. Co., Portland, Me.
Portland Stove Wks., Portland, Ore.
Portland Tent & Awning Co., Portland, Ore.
Portland Trunk Mfg. Co., 60 3d, Portland, Ore.
Portland Wire & Iron Wks., Portland, Ore.
Portland Wood Pipe Co., Portland, Ore.
Portland Woolen Mills, blankets, Portland, Ore.
Portman, Albert F., cornices & skylights, Massillon, O.
Portsmouth Chemical Co., Portsmouth, Ohio
Portsmouth Construction Co., Portsmouth, Ohio.
Portsmouth Contractors Supply Corp., Portsmouth, Va.
Portsmouth Cotton Oil Refining Corp., cotton seed oil refiners, Portsmouth, Va.
Portsmouth Fdry. Co., Portsmouth, N. H.
Portsmouth Machy. Wks., Portsmouth, Va.
Portsmouth Marine Ry., dry docks, etc., Portsmouth, Va.
Portsmouth Paving Brick Co., New Straitsville & Portsmouth, O.
Portsmouth Refractories Co., brick, cupola lining, etc., Portsmouth, & New Straitsville, Ohio.
Portsmouth Solvay Coke Co., coal mine, Syracuse, N. Y.
Portsmouth Stove & Range Co., Portsmouth, Ohio.
Portsmouth Supply Co., mill & facty. supplies, plbrs.' supplies, Portsmouth, O.
Portsmouth Veneer & Panel Co., Portsmouth, Ohio.
Posern, Herman, sweaters, cardigans, etc., 1808 South, Phila., Pa.
Posey Mfg. Co., sounding boards, Hoquiam, Wash.
Positive Differential System Co., steam heating system, 9 Murray, New York.
Positive Lock Washer Co., Avenue A, Newark, N. J.
Poss, J. A., contractor, Springfield, Ohio.
Posselius, A., & Co., furniture, 1111H Harper, Detroit, Mich.
Possin, Theo., & Co., cornices & skylights, Roanoke, Va.
Post, A. A., architect, Brisbane Bldg., Buffalo, N. Y.
Post, C. E., & Co., elec. & gas light fixtures, 399 W, ab. 26th, Los Angeles, Cal.
Post, C. M., Co., carriages, 223 Halsey, Newark, N. J.
Post, E. L., & Co., babbitt metal & valve discs, 50 Cliff, New York.
Post Falls Lbr. & Mfg. Co., Post Falls, Idaho.
Post, Frederick Co., architects & engnrs. supplies, 319 S. Wabash av, Chicago, Ill.
Post, G. A., contractor, Port Jervis, N. Y.
Post, Geo. B., & Sons, architects, 101 Park av., New York & Schofield Bldg., Cleveland, Ohio.
Post, G. M., architect, 619 Ry. Exchange bldg, Portland, Ore.
Post, Geo. M., architect, Salem, Ore.
Post, Glover Elec. Co., 308 W. 4th, Cincinnati, Ohio.
Post, H. L., & Son, contrs., Camden, N. J.
Post, J. J. Hardware Co., Cheboygan, Mich.
Post, J. Otis, architect, 101 Park av, New York.
Post, Jotham, brick, Glen Head, N. Y.
Post & Lester Co., machsts., Hartford, Conn.
Post & McCord, contractors, 101 Park av, New York.
Post Publishing Co., pads & tablets, Appleton, Wis.
Post, Wm. S., architect, 101 Park av, New York.
Postal Paint & Color Co., 9420 Meech av, Cleveland, Ohio.
Postal Supply Co., plbrs.' & steam fitters' supp., 112H High, Boston, Mass.
Poste Bros. Buggy Co., Jefferson & Curtis avs. Columbus, Ohio.
Postel, Ph. H., Milling Co., flour, Mascoutah, Ill.
Posternok, Jos., lock buckles, Dept. H, Walpole, Mass.
Postle, D. C., brick, Mount Victory, Ohio.
Postle, David E., architect, 140 S. Dearborn, Chicago, Ill.
Postle, W. S., brick, Camp Chase, Ohio.
Poston, B. C., Mfg. Co., furniture, Dept. H, Chillicothe, Ohio.
Poston, Clarence E., brick, Attica, Ind.
Poston Paving Brick Co., Crawfordsville, Ind.
Postor Baler Co., paper, Chillicothe, Ohio.
Post's, John C., Sons, glass, 52 S. Division, Buffalo, N. Y.
Postum Cereal Co. (Ltd.), foods, Battle Creek, Mich.
Postville Clay Products Co., brick, Postville, Ia.
P. & O. Supply Co., foundry ladles & ladle shanks, Hanover & Florida, Milwaukee, Wis.
Posy & Sons, coffins, Juniper, Ga.
Potato Implement Co., Traversy City, Mich.
Potdevin Machine Co, envelope, bag, corrugated paper & pasting machines, etc., 1221 38th, Brooklyn, N. Y.
Poteet, A. J., archt., Hardin Bldg., Lakeland, Florida.
Potlatch Lbr. Co., Potlatch, Idaho.
Potomac Fire Brick Co., common, Piedmont, W. Va.
Potomac Glass Co., Cumberland, Md.
Potomac Lime & Stone Co., Frederick, Md.
Potomac Milling & Ice Co., flour, Keyser, W. Va.
Potosi Tie & Lbr. Co., Potosi, Mo.
Potsdam Milling Co., flour, Potsdam, N. Y.
Potsdam Red Sandstone Co., Potsdam, N. Y.
Potter, A. D., masons' & bldrs.' matls., Orange, Mass.
Potter, A. L., & Co., lumber, Norwich, Conn.

Potter, Alex., mill engineer, 50 Church, New York.
Potter Bros., bobbins, South Scituate, R. I.
Potter, C. D., Co., hdwe. mfrs. (piano), Stamford, Conn.
Potter, Chas. F., contractor, Wakefield, R. I.
Potter, Claude B., architect, Lewiston, Mont.
Potter, Collamore & Co., machsts., Warren, R. I.
Potter, D. M., brick, Fremont, Ohio.
Potter, E. B., architect, Glens Falls, N. Y.
Potter, F. M., heating contrs., Aberdeen, Wash.
Potter, Frank E., masons' & bldrs. matls., River Point, R. I.
Potter, Fred J., machsts., New Brunswick, N. J.
Potter Hardware Co., Alpena, Mich.
Potter, H. J., lbr., Ridgefield, Wash.
Potter, Howard N., architect, 35 E. 30th, New York.
Potter-Hoy Hardware Co., Bellefonte, Pa.
Potter, J. A., & Co., lbr., Crary, Providence, R. I.
Potter J. Ellsworth, architect, 947 Leaders-News bldg., Cleveland, Ohio.
Potter & Johnston Machine Co., milling machines, etc., Pawtucket, R. I.
Potter, Jos. R., & Co., lbr., sash, door, etc., mfrs., 270 W. 126th, New York.
Potter, M. H., & Sons, masons' & bldrs. matls., Morrison, Ill.
Potter Mfg. Co., hardware specialties, Geneva, Ohio.
Potter Mfg. Co., junction boxes, 1060 Superior av, N. W., Cleveland, Ohio.
Potter Mfg. Co., sewer & trench excavating machines, 3505 E. Washington, Indianapolis, Ind.
Potter-Morgan Mfg. Co., machsts., Fishkill-on-the-Hudson, New York.
Potter, P. W., & Co., sashes, doors & blinds, Silverton, Ore.
Potter Printing Press Co., see Premier & Potter Printing Press Mfg. Co. (successor).
Potter, Robert, ladders, Orwell, N. Y.
Potter, S. A., Tool & Machine Wks., machinists, 79 E. 130th, New York.
Potter & Snell, glove buttoners, Deep River, Conn.
Potter, Teare & Co., sashes, doors & blinds, 1918 Carter rd, Cleveland, Ohio.
Potter, Thos., Son & Co., linoleum mfrs., 2d & Erie av, Phila, Pa.
Potter, V. W., mach. & fndr., Oelwein, Ia.
Potter & Wrightington, dog biscuits, Board of Trade Bldg., Boston, Mass.
Potter, Wm., stone producers, Ansonia, Conn.
Potter, Wm. Woodburn, architect, 603 Chestnut, Philadelphia, Pa.
Potter, Wilson, architect, 22 E. 17th, New York.
Potter, Myron P., architect, 8820 Carnegie av, Cleveland, Ohio.
Potter, Robert Burnside, architect, Antietan Farm, Smithtown, N. Y.
Potters Co-Operative Co., china, East Liverpool, Ohio.
Potters Mining & Milling Co., East Liverpool, Ohio.
Potters Supply Co., East Liverpool, Ohio.
Potterton Bros., contractors, 215 W. 28th, New York.
Pottier & Stymus Co., wooden mantels, 375 Lexington av, New York.
Pottle, Geo. V., architect, David Whitney Bldg., Detroit, Mich.
Potts Bros., glass bevelers & embossers, 173 Grand, New York.
Potts, C. & A. & Co., clay machy. mfrs., Indianapolis, Ind.
Potts, D. H., benches, anvils, etc., Lancaster, Pa.
Potts, Hy., & Co., steel merchants, etc., Real Estate Trust bldg, Phila., Pa.
Potts, Horace T., & Co., steel imptrs., 316 W. 3d, Phila., Pa.
Potts Mfg. Co., machsts. & fndrs., Mechanicsburg, Pa.
Potts, R. L., & Son, flour mills, White's Station, Ky.
Potts, W. F., Son & Co., tin plate, etc., 1224 Cherry, Phila., Pa.
Potts, Wm. A., Co., contractors, Law Bldg., Baltimore, Md.
Pottstown Mach. Co., Pottstown, Pa.
Pottsville Bolt Co., R. R. track spikes, Pittsburgh & Pottsville, Pa.
Pottsville Fndry & Stove Co., Pottsville, Pa.
Pottsville Supply Co., plumbers, mill & faty. supplies—jobbers, who. hdwe., Pottsville, Pa.
Poughkeepsie Chair Co., Poughkeepsie, N. Y.
Poughkeepsie Cutlery Wks., Inc., Poughkeepsie, N. Y.
Poughkeepsie Fndry. & Mach. Co., Poughkeepsie, N. Y.
Poulan Cotton Mills, Poulan, Ga.
Poulin, J., Granite Co., Montpelier, Vt.
Poulsen, Edward J., architect, 4019 N. Harding av, Chicago, Ill.
Poulsen, George F., architect, 208 S. La Salle, Chicago, Ill.
Poulsen, Sofus S., Inc., contr., Waterbury, Conn.
Poulton, Edwin, & Co., fndrs., 15 S. Scioto, Columbus, Ohio.
Pounder, Geo. H., agricultural implements, Fort Atkinson, Wis.
Pouvailsmith Corp., auto accessories, Poughkeepsie, N. Y.
Povey Bros. Glass Co., Portland, Ore.
Powdered Coal Engineering & Equip. Coal Dust Burners Co., 2401 W. Washington blvd, Chicago, Ill.
Powe, Thos. E., Lumber Co., 24 Branch, St. Louis, Mo.
Powell, B. A., contr., Mexico, Mo.
Powell, Benj., ladders, Springfield, Mass.
Powell Box Co., Ltd., 115 University Place, New Orleans, La.
Powell Brass Mfg. Co., fndrs., Grand Rapids, Mich.
Powell Bros., contractor, Alameda, Cal., & 11 S. La Salle, Chicago, Ill.
Powell, C. E., flour mills, Parksville, Ky.
Powell, C. L., contractor, American Bk. bldg., Los Angeles, Cal.
Powell, Chas. H., lumber, Tyner, Ind.
Powell, Clouds & Co., mill & facty. supplies, 602 Arch, Philadelphia, Pa.
Powell Construction Co., Mattoon, Ill.
Powell Cooperage Co., Memphis, Tenn.
Powell Fuel Co., masons' mtls., Columbia, S. C.
Powell, Francis G., architect, 111 Columbia rd, Dorchester, Boston, Mass.
Powell Hardware Co., cornices & skylights, St. Cloud, Minn.
Powell, John R., architect'l & ornamental iron, 500 Leonard, Brooklyn, N. Y.
Powell, Jno. R., miners' squibs, Plymouth, Pa.
Powell & Jones, felts, 3544 Rhodes av, Chicago, Ill.
Powell & Justus, bldg. & general contractors, Punxsutawney, Pa.
Powell Land & Lbr. Co., Lusk, Tex.
Powell Lumber Co., Ltd., Lake Charles, La.
Powell, M. W., Co., felts, roofing tile, etc., 140 S. Dearborn, Chicago, Ill
Powell Machine Co., metal working planers, 243 Stafford, Worcester, Mass.
Powell & Mitchell, dock bldrs., Marquette, Mich.
Powell Muffler & Timer Co., Utica, N. Y.
Powell, Robert, & Co., contrs., Sacramento, Cal.
Powell Sealer & Tape Mfg. Co., Westerville, Ohio.
Powell Steel Kitchen Co., cabinets, 4223 Belle Plaine av, Chicago, Ill.
Powell, W. Angelo, landscape arch., 615 S 15th, St. Joseph, Mo.
Powell, W. S., architect, Ebensburg, Pa., & Johnstown, Pa.
POWELL, WM., CO., THE, valve mfrs., 2525 Spring Grove av, Cincinnati, Ohio. *See adv. index at end of book.*
Powell, Wm. F., mill & facty. supplies, Clearfield, Pa.
Powell, Wm. R., architect, Hippodrome Bldg., Cleveland, Ohio.
Powell, Wm. T., contractor, 508 4th av, Pittsburgh, Pa.
Powell Trailor Co., auto trailors, Corry, Pa.
Powell & Gaven, contrs., Collinsville, Ill.
Powellville Canning Co., Powellville, Md.
Power, trade publication, 10th av & 36th, New York.
Power Boating, trade publications, E. 12th & Chester, Cleveland, Ohio.
Power, Chas. A., plate glass, sash, door & blind mfrs., Springfield, Ill.
Power, Chas. O., architect, Medford, Ore.
Power Efficiency Corp., shaking grates, White bldg., Buffalo, N. Y.
Power Equipment Co., contractors, Toledo, Ohio.
Power Equip. Co., machy. dlrs., 1218 Chestnut, Philadelphia, Pa.
Power Equipment Co., machinery, 212 3d av N., Minneapolis, Minn.
Power Equipment Co., mill & facty supplies, 343 S. Dearborn, Chicago, Ill.
Power Farming, trade publication, St. Joseph, Mich.
Power & Grant, mill & factory supplies, 33 Culver, Providence, R. I.
Power Implement Co., mill & facty. supplies, Bozeman, Mont.
Power, J. H., & Co., stencils, 80 High, Boston, Mass.
Power, John J., contractor, 15 Ashland, Worcester, Mass.
Power & Kelsay, pearl buttons, 377 B'way, New York.
Power, L., & Co., woodworking machinery, 20 S. 23d, Phila., Pa.
Power, M. J., contr., Bridgeport, Conn.
Power Mfg. Co., oil & distillate engines, Marion, Ohio.
Power Machy. Exchange, Inc., second hand machy., 1 Montgomery, Jersey City, N. J.
Power & Mining Machy. Co., engng. & machy., 115 B'way, New York.
Power, Nicholas, Co., films, 90 Gold, New York.
Power Numbering Mach. Co., 209 Marginal, E. B., Boston, Mass.
Power Piping Co., Beaver & Western av, Pittsburgh, Pa.
Power Plant Engng., trade publication, 537 S. Dearborn, Chicago, Ill.
Power Plant Spec. Co., purifiers, 53 W. Jackson blvd, Chicago, Ill.
Power, S. A., architect, Wooster, Ohio.
Power Spec. Co., superheaters & garbage disposal plants, 111 B'way, New York. *See adv. index at end of book*
Power Supply Co., mill & facty. supplies, Terre Haute, Ind.
Power Turbo Blower Co., 347 Madison av, New York.
Powerlight Mfg. Co., lamps, 210 5th av, New York.
Powers Account'g Mach. Co., 50 Church, New York.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede av, St. Louis, Mo.
Powers Bros., contrs., Brockton, Mass.
Powers Bros & Co., htg. contrs., 1034 E. 43d, Chicago, Ill.
Powers & Critchett, lumber mfrs., Ferry, Mich.
Powers, Frank E., Co., masons' & bldrs.' matls., Worcester, Mass.
Powers, Herbert W., architect, 211 N. 7th, St. Louis, Mo.
Powers, Horace S., architect, 10 N. La Salle, Chicago, Ill.
Powers House Co., advertising, Racine bldg., Cleveland, Ohio.
Powers, J. M., contr., Sterling, Ill.
Powers, J. P., Co., architects, 558 blvd, Rockaway Beach, N. Y.
Powers, Jas. F., Fndry. Co., Elkton, Md.
Powers, Jno. H., architect, 460 Montgomery, San Francisco, Cal.
Powers, John J., contractor, 33 Myrtle av, Cambridge, Mass.
Powers, M. F., contractor, 30 N. La Salle, Chicago, Ill.
Powers Mfg. Co., collars, pads (horse), Waterloo, Ia.
Powers Paper Co., Springfield, Mass.
Powers Regulator Co., gas pressure, heat & water pressure regulators, 2773 Greenview av, Chicago, Ill.
Powers Rubber Horseshoe Co., 1700 N. Kostner av, Chicago, Ill.
Powers, Thomas F., & Co., contractors, Fargo, N. D.
Powers & Thompson Construction Co., Joliet, Ill.
Powers & Walker Casket Co., Grand Rapids, Mich.
Powers-Weightman-Rosengarten Co., chemicals, 916 Parrish, Philadelphia, Pa.
Powers, Wm., lumber mfrs., Pike, N. Y.
Powhatan Basket & Veneer Co., basket mfrs., Norfolk, Va.
Powhatan Brass & Iron Wks., plumbing & steam specialties, 340 Hudson, New York.
Powhatan Clay Mfg. Co., brick, Richmond, Va.
Powhattan Brass & Iron Wks., Ranson, W. Va.
Powhattan Lime Co., Richmond, Va.
Powley, Jos. L., Son, dock bldrs., Kingston, N. Y.
Pownall, F. H., Iron Wks., machsts. & fndrs., Jamesburg, N. J.
Pownall Hardware Co., kitchen utensils of every description, Coatesville, Pa.
Poynter, R. P., & Sons, flour mills, Horsecave, Ky.
Pozzo Construction Co., 421 Macy, Los Angeles, Cal.
P'Pool Hdwe. Co., Chattanooga, Tenn.
Pracht, Jno. C., carriages & lbr., Brownsville, Tenn.
Prack, B. H., architects, Keystone bldg., Pittsburgh, Pa.
Pracna, A. B., architect, P. S. Bldg., Seattle, Wash.
Practical Engr. Co., architects, Akron S. & S. bldg, Akron, O.
Practical Engineer, see Power Plant Engineering (successors).
Prados, Henry J., & Son, masons' & bldrs.' matls., 1326 Hospital, New Orleans, La.
Praeger Hardware Co. (wholesale), San Antonio, Tex.
Prager, Geo., trunk mfrs., 115 W. Pratt, Baltimore, Md.
Prager, Raphael, architect, 149 B'way, New York.
Prague Mfg. Co., machsts., Cleveland, Ohio.
Prairie City Canning Co., Prairie du Chien, Wis.
Prairie du Chien Woolen Mill Co., woolen blankets, Prairie du Chien, Wis.
Prairie, Frank, cornices, 3424 S. State, Chicago, Ill.
Prairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
Prairie Oil & Gas Co., Independence, Kans.
Prairie Queen Mfg. Co., agricultural implements, Newton, Kans.
Prairie State Canning Co., El Paso, Ill.

Prairie State Incubator Co., Homer City, Pa.
Prairie View Canning Co., Randolph, Wis.
Prairieville Gin & Mill Co., flour, Prairieville, Tex.
Prange, A. E., contractor, Grand Rapids, Mich.
Prame, F. J., brick, Shiloh, Ohio.
Praray, Chas. W., engineers, Times Bldg., New Bedford, Mass.
Prasse Lumber Co., 1864 Columbus rd, N. W., Cleveland, Ohio.
Prater & Paymer Hdwe. Co., whol., Chattanooga, Tenn.
Prather, Fred V, architect, 6507 Bosworth av, Chicago, Ill.
Prather, J. A., architect, Carthage, Mo.
Pratt, A. J., cornices, Springfield, Mass.
Pratt Amasa Co., lbr., etc., Lowell, Mass.
Pratt, B. G., Co., spray'g compounds & polish'g oils, 50 Church, New York.
Pratt, Bickel & Campbell, architects, Bay City, Mich.
Pratt Bldg. Material Co., brick, Hearst Bldg., San Francisco, Cal.
Pratt & Cady Co., valve, hydrants, etc., mfrs., Hartford, Conn.
Pratt-Chuck Co., Frankfort, N. Y.
Pratt-Church Co., foundry, Chaplets, Frankport, N. Y.
Pratt Consolidated Coal Co., Birmingham, Ala.
Pratt, E. O., mill & factory. supplies, Clinton, Mass.
Pratt, Edwin, & Sons, machsts., Kankakee, Ill.
Pratt Engng. & Mach. Co., Atlanta, Ga.
Pratt-Gilbert Co., contractors, Phoenix, Ariz.
Pratt Gin & Milling Co., Prattville, Ala.
Pratt, Hy., Co., steel struct. wk., 2222 S. Halsted, Chicago, Ill.
Pratt, Hy. M., landscape arch., 53 State, Boston, Mass.
Pratt & Inman, wholesale hdwe., Worcester, Mass.
Pratt Institute of Science & Technology, Engng. School & Coll., 215 Ryerson, Brooklyn, N. Y.
Pratt, J. W., architect, Chanute, Kans.
Pratt, J. W., canned goods, Farmington, Me.
Pratt, J. Winthrop, architect, Quincy, Mass.
Pratt & Lambert, varnishes, etc., Buffalo, N. Y.
Pratt & Letchworth Co., steel castings, hdwe., Buffalo, N. Y.
Pratt Low Preserving Co., canned goods, Santa Clara, Cal.
Pratt Mfg. Co., furniture, Coldwater, Mich.
Pratt & Mitton, architect, 886 Main, Bridgeport, Conn.
Pratt, N. P., Laboratory, chemists, Atlanta, Ga.
Pratt, R. W., & Son, mill & facty. supplies, 111 Haverhill, Boston, Mass.
Pratt-Read & Co., ivory buttons, Deep River Conn.
Pratt, Richard H., architect, 13 W. Saratoga, Baltimore, Md.
Pratt, W. D., hack saw machs., Canton, Ohio.
Pratt & Whitney Co., machsts. & fndrs., 111 B'way, New York.
Pratt, W. E., Mfg. Co., drilling & milling machy., etc., 35 W. Lake, Chicago, Ill.
Pratt, Wm. F., architect, Northampton, Mass.
Pratt & Witton, 44 Bromfield, Boston, Mass.
Pray, Frank M., architect, 426 N. Parkside av, Oak Park, Ill.
Pray, Hubbard & White, landscape architects, 101 Tremont, Boston, Mass.
Pray, Milton, steel products, Monadnock Bldg., San Francisco, Cal.
Pray, W. H., ice plows, Clove, N. Y.
P. & R. Concrete Roofing Tile Co., Buffalo, N. Y.
Preacher, G. L., architect, Augusta, Ga.
Preble, Edw., iron forgings, 103 Summer, E. B., Boston, Mass.
Preble, Walter H., Co., contractors, 11 Pemberton sq, Boston, Mass.
Precious Metals Tempering Co., Inc., surgical instruments, 30 Church, New York.
Precision Castings Co., Inc., Syracuse, N. Y.
Precision Engineering Co., gauges & metal novelties & specialties, Jamestown, N. Y. *See adv index at end of book.*
Precision Glass Apparatus Co., Inc., imptrs. & mfrs., 237 E. 41st. New York.
Precision Instrument Co., gauges, indicators, recorders, chemical glassware, etc., 21 Halsey, Newark, N. J.
Precision Mach. Co., films & mov'g picture mach'y, 317 E. 34th, New York.
Precision Metal Workers, 3100 Carroll av, Chicago, Ill.
Precision Scientific Co., calorimeters, manometers, gas meters, gauges, determinators, etc., 820 S. Tripp av, Chicago, Ill.
Precision Thermometer & Instrument Co., 1434 Brandywine, Philadelphia, Pa.
Precision Tool Co., boring heads, Lansing, Mich.
Precision Tool Co., screw mach. products, tool mfg., Canton, Mass.
Precision & Thread Grinder Mfg. Co., 21st & Market, Phila., Pa.
Preferred Accident Ins. Co., 80 Maiden la, New York.
Preiser, J., & Co., furniture, 169H Canal, New York.
Preiskel, Abram, architect, Hobart Trust Bldg., Passaic, N. J.
Preisler, Ernst, architect, Title Guaranty Bldg., St. Louis, Mo.
Preiss & Co., contractors, Orange, N. J.
Premier Aluminum Foundry Co., machsts. & fndrs., Nickel Plate & Ivanhoe rd, Cleveland, Ohio.
Premier Auto Nov. Mfg. Co., radiator covers, etc., 149 Chambers, New York.
Premier Bed Co., machsts. & fndrs., Mishawaka, Ind.
Premier Cycle Works., 33 N. Canal, Chicago, Ill.
Premier Elec. Co., cords, auto. horns, 1123 S. Wabash av, Chicago, Ill
Premier Machy. Co., Oakland, San Francisco, Cal.
Premier Metal Etching Co., name-plates & dials, 14th, Long Island City, N. Y.
Premier Motor Corp., 20th & Olney, Indianapolis, Ind.
Premier Packing Co., canned goods, San Diego, Cal.
Premier Paper Co., 260 W. Broadway, New York.
Premier Pocahontas Collieries Co., coal mine, Lynchburg, Va.
Premier & Potter Printing Press Co., Inc., Shelton, Conn.
Premier Rubber & Insulation Co., Dayton, Ohio.
Premier-Snap Fastener Co., 440 B'way, New York.
Premier Special Mach. Corp., 421 Canal, New York.
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Premium Metal & Packing Co., Inc., aluminum alloys, Wilkinsburg, Pa.
Premo Process Co., eyelet machs., New Brunswick, N. J.
Prendergast Bros., furnaces, 20 E. 6th, St. Paul, Minn.
Prendergast-Clark Constr. Co., 915 Olive, St. Louis, Mo.
Prendergast Co., masons' & bldrs.' matls., Marion, Ohio.
Prendergast, Geo. G., Constr. Co., Chemical, St. Louis, Mo.
Prendergast, T. J., contractor, 118 N. La Salle, Chicago, Ill.
Prentice, F. W., & Co., snow shovels, Adrian, Mich.
Prentice, L. H., Co., exhaust heads, heating apparatus, etc., 330 Sherman, Chicago, Ill.
Prentice Co., masons' & bldrs.' matls., Englewood, N. J.
Prentice, G. E., Mfg. Co., machy. guards, New Britain, Conn.
Prentice, Wm. H., contractor, 360 W. Central av, Toledo, Ohio.
Prentiss, Brooks & Co., masons' & bldrs.' matls., Holyoke, Mass.
Prentiss, G. W., & Co., wire, Holyoke, Mass.
Prentiss, Hy., & Co., Inc., machy. dealers, 149 B'way, New York.
Prentiss Vise Co., 110 Lafayette, New York.
Presbrey, A. A., & Son Co., packing box mfrs., Summer, Providence, R. I.
Presbrey-Coykendall Co., granite, Barre, Vt.
Presbrey, E. H., Co., auto. wheel pullers, 50 Broad, New York.
Presbrey, Frank, Co., advertising counsellors, 456 4th av, New York.
Presbrey Stove Lining Co., masons' & bldrs.' matls., Taunton, Mass.
Prescott Co., machsts. & fndrs., Menominee, Mich.
Prescott, F. G., mason, Hartford, Conn.
Prescott, F. H., Co., gloves, canvas, Auburn, N. H.
Prescott, Frank R., barrows, Meredith, N. H.
Prescott, Fred M., Steam Pump Co., 115 B'way, New York.
Prescott, H. S., printing inks, 571 Atlantic av, Boston, Mass.
Prescott, Howard, B. S., architects, 12 Pearl, Boston, Mass.
Prescott, J. B., & Son, machsts. & fndrs., Webster, Mass.
Prescott, J. L., Co., stove & shoe polishes, 92 W. B'way, New York.
Prescott, Sam'l J., & Co., contractors, 814 13th, N. W., Washington, D. C.
Prescott Supply Co., plumbers' supplies, Binghamton, N. Y.
Preservaline Mfg. Co., boiler compounds, 854 Lorimer, Brooklyn, N. Y.
Preservative Products Co., waterproof'g materials, 1133 B'way, New York.
Preservo Polish Co., shoe blacking, Kansas City, Mo.
Press', Jacob, Sons, auto. wood bodies, 300 N. Halsted, Chicago, Ill.
Press Sign Co. of St. Louis, Mo., advtg. signs, 202-04 S. 17th, St. Louis, Mo.
Press, Wells H., Co., machsts., Streator, Ill.
Pressed Aluminum Co., metal hot water bottles, 3 Cypress, Worcester, Mass.
Pressed Metal Radiator Co., transformer cooling radiators, tubing steel, Oliver Bldg., Pittsburgh, Pa.
Pressed Prism Plate Glass Co., sign letters, 25 N. Dearborn, Chicago, Ill.
Pressed Prism Plate Glass Co., Morgantown, W. Va.
Pressed Steel Car Co., freight & passenger cars, 307 5th av, Pittsburgh, Pa.
Pressed Steel Co., fndry. vibrators, Muskegon, Mich.
Pressed Steel Co., metal stamping & dies, Wilkes-Barre, Pa.
Pressed Steel Mfg. Co., machsts., Land Title Bldg., Phila., Pa.
Pressed Steel Products Co., steel barrels & drums, Sharon, Pa.
Pressed Steel Tank Co., car bells, Greenfield av, Milwaukee, Wis.
Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.
Pressing, W. C., Canning Co., Norwalk, Ohio.
Pressprich & Son Co., bar & pig tin, 96 Wall, New York.
Pressure Proof Piston Ring Co., Boston, Mass.
Prest Htg. & Fdry. Co., Kansas City, Mo.
Prest Mach. Wks. Co., Okla., Okla.
Presteel Co., toy phones, wheelbarrows, etc., Grafton, Ohio.
Presto Elec. Co., cooking app. 51 2nd, San Francisco, Cal.
Presto Inner Rim Co., 320 Newberry, Boston, Mass.
Prest-o-Lite Co., Inc., Speedway rd. Indianapolis, Ind.
Presto Machine Works, gauges, tools, spec. machy., etc., 124 Pearl, Brooklyn, N. Y.
Presto-Phone Parts Corp., 124 Pearl, Brooklyn, N. Y.
Presto, Wm. C., architect, 4424 N. Fairfield av, Chicago, Ill.
Preston Bros., mill & facty. supplies—whol. hdwe., Norwich, Conn.
Preston, Burton, & Co., granite producers, Mansfield, Ohio.
Preston, C. H., Jr., architect, 144 Bank, Waterbury, Conn.
Preston Canning Co., Preston, Md.
Preston Chem. Co., Inc., salicylic acid, 180 4th av, Brklyn, N. Y.
Preston, Harry T., canned goods, Middletown, Del.
Preston, J. M., Co., silos, Lansing, Mich.
Preston Mill Co., lumber, Preston, & Seattle, Wash.
Preston Milling Co., flour, Preston, Idaho.
Preston Motors Corp., 24th & 27th av, N., Birmingham, Ala. *See adv index at end of book.*
Preston, Robt. K., Co., mica, 53 W. Jackson, Chicago, Ill.
Preston-Shaffer Milling Co., flour, Waitsburg, Wash.
Preston, W. A., lumber, Benton Harbor, Mich.
Preston, W. T. & A., canned goods, Aberdeen, Md.
Pretlou & Co., fertilizer mfrs., Franklin, Va.
Prettyman, G. H., canned goods, Milford, Del.
Prettyman, Harry D., masons' & bldrs.' matls.—contr., 2603 S. Broad, Philadelphia, Pa.
Prettyman, J. F., & Sons, lbr., Summerville, S. C.
Prettyman, Jacob H., archt., Cleburne Junct., Ft. Worth, Tex.
Pretzinger, Albert, & E. P. Musselman, archts., Reibold Bldg., Dayton, Ohio.
Preuceer Chair Corp., convertible Morris chairs & couches, 36 Broomfield, Boston, Mass.
Preuss, B. J., Co., wire mattresses, 288 38th, Milwaukee, Wis.
Preusser, Jno., cornices & skylights, 302 W. 122d, New York.
Preuter, Louis, lumber, Baileys Harbor, Wis.
Prew, Jno. J., common brick, Holyoke, Mass.
Pribnow Swage & Tool Works, Mellen, Wis.
Price, A. C., architect, Bartow, Fla.
Price, A. D., Co., contractors, Houston, Tex.
Price, A. J., & Son, flour, Glen Rose, Tex.
Price-Bond Varnish Wks., Plainfield, N. J.
Price-Booker Mfg. Co., canned goods, Houston Heights, Tex.
Price Bros., contrs., Oakland, Cal.
Price Bros., machsts., Renfrew, Pa.
Price Co., bronze bushings, castings, mech. engnrs., patterns & screw mach. products, Frederick, Md.
Price-Campbell Cotton Picker Corp., machy., 15 Wall, New York.
Price Concrete Construction Co., Maryland Trust bldg., Baltimore, Md.
Price, Corcoran, Pfister Co., machsts., Los Angeles, Cal.
Price, D. E., & Son, canned goods, Darlington, Md.
Price Elec. Co., pyrometers, 12369 Euclid av, Cleveland, Ohio.
Price, Ernest V., architect, Hutton bldg., Spokane, Wash.
Price-Evans Foundry Co., cast iron washers, Chattanooga, Tenn.
Price Fire & Water Proofing Co., Poughkeepsie, N. Y.
Price, F. V. B. & Co., lbr., Pinebur, Miss.
Price, G. W., Pump & Engine Co., 33 Stevenson, San Fran., Cal.
Price, H. Brooks, architects, 105 W. 40th, New York.
Price Hardware Co., Pulaski, Va.

Price, Harry M., architect, Union Central bldg., Cincinnati, O.
Price & Heald, lumber mfrs., Marriott & Decatur, Balto., Md.
Price & Howarth, lbr. mfrs., Scranton, Pa.
Price, J. L., Co., masons' & bldrs.' matls., Marion, Ohio.
Price, J. McD., lumber mfrs., Knickerbocker Bldg., Balto., Md.
Price, James, architect, Holland, Mich.
Price, Lewis M., fertilizer mfr., Symrna, Del.
Price Lbr. & Mfg. Co., masons' & bldrs.' matls., Fremont, Ohio.
Price & McLanahan, architects, 1418 Walnut, Philadelphia, Pa.
Price Pancoast Coal Co., anthracite, Means bldg, Scranton, Pa.
Price, R. A., contractor, 606 Washington, Reading, Pa.
Price-Reynolds Hdwe. Co., 115 Market, Norfolk, Va.
Price & Rosenburg, contrs., Plymouth, Ind.
Price, Roy Seldon C., architect, Arcade bldg., St. Louis, Mo.
Price & Teeple Piano Co., 218 S. Wabash av, Chicago, Ill.
Price, Thorton W., architect, Franklin bldg, St. Louis, Mo.
Price, Thomas H., contractor, 201 Sansome, San Francisco, Cal.
Price, T. W., Engng. Co., Inc., 233 B'way, New York.
Price Varnish Co., 2115 Singleton, St. Louis, Mo.
Price, Walter F., architect, 138 S. 4th, Philadelphia, Pa.
Price & Welker, heating contrs., 107 Canal rd, Cleveland, Ohio.
Price, W. R., Inc., educational equip., 127 5th av, New York.
Prichard, C. W., Co., Inc., 50 Church, New York.
Prichard & Sons, carriages, Ithaca, N. Y.
Prichard Supply Co., oil & gas well, Mannington, W. Va.
Prichett, Wm. C., architect, 416 Walnut, Philadelphia, Pa.
Prickett, Walter S., lumber mfrs., Sidnaw, Mich.
Pride of the Kitchen Co., metal polish, soap & powders, 390 Smith, Brooklyn, N. Y.
Pride, W. H., & Co., canneds goods, Bellingham, Wash.
Pride, Willis A., classic wood carvers, 43 Bristol, Boston, Mass.
Pridham, R. W., Co., paper folding cartons, 903 N. Main, Los Angeles, Cal.
Pridmore, Hy. E., foundry molding machy., 1901 S. Rockwell, Chicago, Ill.
Pridmore, John E. O., architect, 38 S. Dearborn, Chicago, Ill.
Priebe, Mrs. E., flour mills, Jenifer, Ala.
Prier Brass Mfg. Co., machsts. & fndrs. & vent fittings, Kansas City, Mo.
Priest, C. A., Lbr. Co., Fitchburg, Mass.
Priest, Geo. L., elec. constr., Oakland, Cal.
Priest, J. W., masons' & bldrs.' matls., Topeka, Ind.
Priest, Ralph N., architect, 1627 Sansom, Philadelphia, Pa.
Priestley Hardware Co., Princeton, Ill.
Priestman, Albert, airlocks, nozzles, pumps, etc., 328 Chestnut, Philadelphia, Pa.
Priggen, Geo. H., Co., port. fireproof garages, 318 Dover, Boston, Mass.
Prime Steel Co., 670 Kinnickinnis av, Milwaukee, Wis.
Primo Light & Mfg. Co., gasoline lighting systems, 3849 Olive, St. Louis, Mo.
Primos Chemical Co., see Vanadium Corp. of Am. (successor).
Prince Elev. Co., 231 W. Grand av, Chicago, Ill.
Prince, Gilbert, furniture, Dept. H, Los Angeles, Calif.
Prince, H. G., & Co., preserved fruits, East Oakland, Cal.
Prince, Jas. H., Paint Co., paint mfrs., 5 Lancaster, Boston, Mass.
Prince, L. M., Co., architects', engrs.' & surveying instruments, 108 W. 4th, Cincinnati, Ohio.
Prince Mfg. Co., roofing paints, 165 B'way, New York.
Prince, W. J., & Son, masons' & bldrs.' matls., Hurleyville, N. Y.
Prince, W. O., weather strips, 26 Edinboro, Boston, Mass.
Prince's Metallic Paint Co. Allentown, Pa.
Princess Iron Corp., blast furnaces, Glen Wilton, Va.
Princess Motor Car Co., 348 Clay av, Detroit, Mich.
Princess Wash. Mach. Mfg. Co., 433 E. Pearl, Cincinnati, Ohio.
Princeton Brick Co., Brickton, Minn.
Princeton Canning Co., Brownsburg, Ind.
Princeton Mfg. Co., rope, Athens, Ga.
Princeton Milling Co., flour, Princeton, Ind.
Princeton Sealing Wax Co., Princeton, Ill.
Princeton Sheet Metal Co., road culverts, Princeton, Ind.
Princeton Univ., engng. school & coll., Princeton, N. J.
Prindeville, Chas. H., architect, 64 E. Van Buren, Chicago, Ill.
Prindiville, J. J., Co., contractors, Framingham, Mass.
Pringle & Brodie, machsts., 514 S. Canal, Chicago, Ill.
Pringle Electrical Mfg. Co., 1906 N. 6th, Philadelphia, Pa.
Pringle, R. S., architect, Atl. Trust Co. Bldg., Atlanta, Ga.
Pringle, Thomas, architect, 410 Oliver, Pittsburgh, Pa.
Pringle, Thos. G., machsts. & fndrs., Clay, Brooklyn, N. Y.
Pringle Turpentine Cup Co. Biloxi, Miss.
Printers' Chase & Mach. Wks., 159 N. Jefferson, Chicago, Ill.
Print'g. trade publication, 38 Park row, New York.
Print'g. Machy. Co., 3rd lock, Cincinnati, Ohio.
Printz Degreasing Co., 1001 Chestnut, Philadelphia, Pa.
Printz, Geo. B., architect, Omaha Nat. Bk. bldg., Omaha, Neb.
Prinz & Rau Mfg. Co., brewers' machy. & supplies, etc., 659 E. Water, Milwaukee, Wis.
Printz & Sevison, Stoves, Pottstown, Pa.
Prior, A. G., Inc., pasting machs., 665 Broad, Newark, N. J.
Prisk, Wm. M., & Sons Mfg. Co., coffee percolators, britannia ware & casseroles, Yalesville, Conn.
Prismolite Co., auto lid locks & lenses, 74 E. Gray, Columbus, O.
Prichard, Edward H., architect, 52 Chauncey, Boston, Mass.
Pritchard Bros. Co., htg. contrs., Memphis, Tenn.
Pritchard Bros. Lbr. Co., Cumberland, Miss.
Pritchard, E., canned goods, Bridgeton, N. J.
Pritchard Rice Milling Co., Houston, Tex.
Pritchard Stamping Co., tinware, etc., Rochester, N. Y.
Pritchard, T. G., Co., starch mfrs., 108 Grant, Baltimore, Md.
Pritchard-Wheeler Lbr. Co., Wisner, La.
Pritchard, W. N., & I. W., flour, Chapel Hill, N. C.
Pritchett & Henderson, architects, Danville, Va.
Pritchett, Milton C., architect, Bedford, Ind.
Priteca, B. M., architect, Pantages Bldg., Seattle, Wash.
Pritzlaff, John, Hardware Co., 51 W. Water, Milwaukee, Wis.
Pritzlaff W. G., Co., cornices & skylights, Watertown, Wis.
Prizer-Painter Stove Co., stove & range mfrs., Reading, Pa.
P. R Mfg. Co., elec. bells, push buttons, etc., Detroit, Mich.
Probeck, P. J., Co., machy., 2339 E. 4th, Cleveland, Ohio.
Probst, C. F., Mfg. Co., burnishing balls & rivets mfrs, 530 Watertown, Waterbury, Conn.
Probst, Edward, architect, 80 E. Jackson blvd, Chicago, Ill.
Process Engng. Co., Penna Bldg., Philadelphia, Pa.
Process Engineers, Ltd., 501 5th av, New York.
Prochaska, J. & Co., pearl buttons, 277 Broome, Newark, N. J.
Proctor, Benjamin, Jr., architect, 67 Milk, Boston, Mass.
Proctor Cedar Co., Edmonds, Wash.
Proctor, E. O., Co., mill & facty. supplies, Ayer, Mass.
Proctor & Gamble Co., soap, oils, etc., Gwynne Bldg., Cincinnati, Ohio.
Proctor, J. C., Lbr. Co., Peoria, Ill.
Proctor John G., architect, Puyallup, Wash.
Proctor, John R., & Co., contrs., Old South Bldg., Boston, Mass.
Proctor-Keefe Co., auto bodies, 7741H Dix av, Detroit, Mich.
Proctor Mchy. Co., mill & facty. supplies, 314 S. Entaw, Baltimore, Md.
Proctor Mfg. Co., lumber mfrs., Ogdensburg, N. Y.
Proctor, S. Eugene, Co., harware mill & facty. supplies, 158 State, Boston, Mass.
Proctor Slate Quarries, Cardiff, Md.
Proctor & Schwartz, Inc., dryers, 7th & Tabor Road, Phila., Pa.
Procunier, William L., tapping attachments, 547 W. Washington, Chicago, Ill.
Producers Coal Corp., 1st National Bank bldg, Pittsburgh, Pa.
Producers Coke Co., Uniontown, Pa.
Producers' Cotton Oil Co., Yazoo City, Miss.
Producers' Material Co., crushed stone & stone screenings, 29 S. La Salle, Chicago, Ill.
Producers Mica Co., 225 E. 22d, Chicago, Ill.
Producers & Refiners Oil Co., petroleum & its products, 248 4th av, Pittsburgh, Pa.
Producers Refining Co., petroleum, Gainesville, Tex.
Producers Supply Co., see Franklin Valveless Engine Co. (successors).
Producers Supply & Tool Co., Marietta, Ohio.
Producers Torpedo Co., Marietta, Ohio.
Producers' Turpentine Co., Elizabeth, La.
Product Sales Co., clays, minerals, etc., 32 S. Calvert, Baltimore, Md.
Production Engr. Co., fuel oil burners, jib cranes & air regulating valves, 1716 Spring Garden, Philadelphia, Pa.
Production Mach. Co., grinding, polishing & finishing machy., etc., Greenfield, Mass.
Products Development Co., fire clay, Sharon Bldg, San Francisco, Cal.
Products Mica Co., 32 N. Dearborn, Chicago, Ill.
Progress Button Co., Marvine & Montgomery, Philadelphia, Pa.
Progress Furnace Co., Springfield, Ohio.
Progress Mach. Wks., 512 N. La Salle av, Chicago, Ill.
Progress Mfg. Co., canvas gloves, Racine, Wis.
Progress Press Brick & Mach. Co., King's Highway, nr. Arsenal, St. Louis, Mo.
Progressive Building Co., contractors, 738 Grand, Bridgeport, Conn.
Progressive Fdry. Co., Rochester, N. Y.
Progressive Fdry. & Mfg. Co., Racine, Wis.
Progressive Glue Co., 185 Wooster, New York.
Progressive Incubator Co., Racine, Wis.
Progressive Iron Fdry & Machine Co., water filters, pipe & pressure strainers, Haydenville, Mass.
Progressive Knitt'g Wks., sweaters, cardigans, etc., 435 B'way, Brooklyn, N. Y.
Progressive Mach. & Tool Co., Inc., machsts, 280 Sip av, Jersey City, N. J.
Progressive Mfg. Co., mach. screws, rivets to order and specialties, Torrington, Conn.
Progressive Metal & Refining Co., 432 Barclay, Milwaukee, Wis.
Progressive Mill & Logging Co., Mt. Vernon, Wash.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Progressive Shoe Machinery Co., 3132 Snelling av, Minneapolis, Minn.
Progressive Smelting & Metal Corp., scrap brass & copper, 543 W. 25th, New York.
Progressive Structural Steel Co., 504 Bailey av., Buffalo, N. Y.
Progressive Wire Goods Co., 13th & Hamilton, Philadelphia, Pa.
Prometheus Elec. Co., heating specialties, 511 W. 42nd, New York.
Pronty Lbr. & Box Co., Seaside, Ore.
Proof Machine & Bren Foundry Co., 936 E. 72nd, Cleveland, O.
Propp, M., Co., dec. elec. lighting, 108 Bowery, New York.
Propst Lumber Co., Paris, Ill.
Proskauer, A., architect, 201 E. Ontario, Chicago, Ill.
Prosnitz, Chas., fringes, 124 W. 24th, New York.
Prospect Boiler Co., New Brunswick, N. J.
Prospect Canning Co., Bedford, Va.
Prospect Coal & Coke Co., Searights, Pa.
Prospect Mfg. Co., chemical fire engines, Prospect, Ohio.
Prospect Planing Mill Co., sashes, doors & blinds, Bayonne, N. J.
Prospect Sash & Door Co., 73 St. Pauls av, Jersey City, N. J.
Prosper Canning Co., Prosper, Ore.
Prosper Mill Co., Prosper, Ore.
Prosperity Co., clothes pressing machy., Syracuse, N. Y.
Prosser, Thos. D., Co., forging billets, Wheeling, W. Va.
Prosser, Thos., & Son, steel importers, 15 Gold, New York.
Prosser, Wm., & Son, lumber mfrs., Fall River, Mass.
Prossner, S., & Sons, stone producers, Rome, N. Y.
Protected Rail Bond Co., 17th & Cambria, Philadelphia, Pa.
Protective Electrical Supply Co., Ft. Wayne, Ind.
Protective Ventilator & Screen Corp., 332 E. 23d, New York.
Protects Safety Appliance Co., ammonia helmets, 52 Columbia, Newark, N. J.
Protectus Paint Co., North American Bldg., Philadelphia, Pa.
Protex Signal Co., Park bldg, Cleveland, Ohio.
Protexol Corp., formerly Carbolineum Wood Preserving Co., of N. J., wood preservation, paints, oils, etc., 41 Barclay, New York.
Prothero, Bailey & Goodwin, whol. hdwe., Dubois, Pa.
Proufit Loose Leaf Co., loose leaf devices, Grand Rapids, Mich.
Proudfoot, Bird & Ravson, architects, Hubbell Bldg., Des Moines, Iowa.
Proudfoot, Frank G., contractor, 127 N. Dearborn, Chicago, Ill.
Proulx, Jos. B., brick, Epping, N. H.
Prout Bros., granite, S. Quincy, Quincy, Mass.
Prouty-Bowler Soap Co., Des Moines, Iowa.
Prouty, C., & Co., hdwe. mfrs., tools, etc., Eldred, Pa.
Prouty & Glass Carriage Co., bodies, Wayne, Mich.
Prouty & Miller, lbr., Newport, Vt.
Providence Arch'l Metal Wks., 237 Dyer, Providence, R. I.
Providence Art Metal Co., 137 Clifford, Providence, R. I.
Providence Base Wks. of General Elec. Co., Atwelle av, Providence, R. I.
Providence Box & Lbr. Co., 1102 Cranston, Providence, R. I.
Providence Brass & Aluminum Fndry., 460 Eddy, Providence, R. I.
Providence Brick Co., Madisonville, Ky.

Providence Brick Co., Providence, R. I.
Providence Building Co., Grosvenor Bldg., Providence, R. I.
Providence Coppersmithing Co., 511 Eddy, Providence, R. I.
Providence Cornice Co., 311 Canal, Providence, R. I.
Providence Dry Dock & Marine Ry. Co., E. Providence, R. I.
Providence Drysalters Co., paste, East Greenwich, R. I.
Providence Elec. Blue Printing Co., 86 Weybosset, Providence, R. I.
Providence Elec. Mfg. Co., 23 Broad, Providence, R. I.
Providence Electrotyping & Plating Wks., 78 Friendship, Providence, R. I.
Providence Enamel Co., 456 Fountain, Providence, R. I.
Providence Engng. Corporation, marine engines & equipment, mfrs., 521 S. Main, Providence, R. I.
Providence Gas & Elec. Fixture Co., 9 Fenner, Providence, R. I.
Providence Granite Co., 125 Harris av, Providence, R. I.
Providence Mfg. & Tool Co., jigs, fixtures, gauges, etc., 17 Warren, Providence, R. I.
Providence Metal Spinning Co., 185 Eddy, Providence, R. I.
Providence Mill Supply Co., 68 W. Exchange, Providence, R. I.
Providence Oil Co., metal polish, 10 Dorrance Wharf, Providence, R. I.
Providence Ornamental Iron Wks., 72 Dudley, Providence, R. I.
Providence Plumbing Supply Co., 47 Pine, Providence, R. I.
Providence Sash & Blind Co., 309 Dean, Providence, R. I.
Providence Steam Trap Co., 16 Diamond, Providence, R. I.
Providence Steel & Iron Co., Kinsley av, Providence, R. I.
Providence Trunk Co., 457 Westminster, Providence, R. I.
Provident Chemical Works, St. Louis, Mo.
Provident Engng. Co., machy. dlrs., Commercial Trust Bldg., Philadelphia, Pa.
Provident Lumber Co., Water & Dickinson, Philadelphia, Pa.
Provident Slate Co., roofing slate mfrs., Slatington, Pa.
Provo Brick & Tile Co., Provo, Utah.
Provo Fdry. & Mach. Co., Provo City, Ptah.
Provo Meat & Packing Co., Provo, Utah.
Provo Pressed Brick Co., see Provo Brick & Tile Co. (successors).
Provost, C. M., carriages, Bridgeport, Conn.
Provost Engng. Corp., machy., filter presses, pumps, clothes plates, 50G Church, New York.
Provost, F. T., & Co., contractors, Manchester, N. H.
Provost, George, architect, 104 W. 42d, New York.
Provost, Napoleon L., contractor, Hartford, Conn.
Provost & Son, granite, West Berlin, Vt.
Provost, Wilfred E., architect, Manchester, N. H.
Provost, Wm., Jr., contractor, Chester, Pa.
Prowler, Gilbert I., architect, 1959 Homecrest av, Brooklyn, N. Y.
Prox & Burget Co., brass castings, steam htg. contrs., Terre Haute, Ind.
Prox, Frank. Co., coal mining mach., Terre Haute, Ind.
Proximity Mfg. Co., denims, Greensboro, N. C.
Prucell & Elmslie, architects, People Gas Bldg., Chicago, Ill.
Prudden Wheel Co., Lansing, Mich.
Pruden, C. D., Co., portable bldgs., Dock and Warner, Baltime, Md.
Pruden, W. E., Hardware Co., 258 W. 52d, New York.
Prudential Heater Co., Louisville, Ky.
Prudential Nursery & Landscape Co., landscape arch., Dime Bank Bldg., Detroit, Mich.
Prudential Oil Co., Inc., jobbers, 17 Battery pl, New York.
Prue, Frank J., knitted gloves & mittens, spindles, Woonsocket, R. I.
Prueter, Louis, lumber, Baileys Harbor, Wis.
Pruett, Chas., architect, Hardin, Mont.
Pruett, Grover, architect, Miles City, Mont.
Pruett-Schaffer Chemical Co., paints & varnishes, Tabor, Pittsburgh, Pa.
Pruissel, F. W., acetyline gas generators, Mt. Clemens, Mich.
Pruit Co., The, duplicators, dlrs., 112G No. La Salle, Chicago, Ill. *See adv index at end of book.*
Pruitt-Barrett Hardware Co., Gainesville, Ga.
Pruitt, Edw. E., & Co., architect, 209 S. High, Columbus, Ohio.
Pruitt & Moore, contractors, 7541 N. Ashland av, Chicago, Ill.
Prusia Hardware Co., Fort Dodge, Ia.
Prutzman, M. G., architect, Mauch Chunk, Pa.
Pruyn, Wm. H., Jr., architect, 122 S. Michigan av, Chicago, Ill.
Pryibil, P., Machine Co., wood-working machines, etc., 520 W. 41st, New York.
Pryor, James & Son, sash, door & blind, Houghton, Mich.
Pryor, Jas. T., mach. & fndr., Rusk, Tex.
Pryor, Robert L., architect, 859 Broad, Newark, N. J.
Public Service Cup Co., paper cups, 168 39th, Brooklyn, N. Y.
Puck, Anthony, architect, Torrey Bldg., Duluth, Minn.
Puck, H. E., architect, Hibbing, Minn.
Puckey, Francis W., architect, 6 N. Michigan av, Chicago, Ill.
Puddicombe, H., & Co., glass mosaic wks., New Haven, Conn.
Puderbaugh, D. Geo., architect, Altoona, Pa.
Pudrith, A. F., Co., cornices, 301 Fort E, Detroit, Mich.
Pueblo Brass & Iron Fndry., Pueblo, Colo.
Pueblo Bridge Co., Pueblo, Colo.
Pueblo Carriage Co., Pueblo, Colo.
Pueblo Fndry. & Mach. Co., Pueblo, Colo.
Puente Oil Co., petroleum, Chino, Cal.
Pneumatic Concrete Macahy. Co., 2 Rector, New York.
Puffer, H. C., Co., masons' & bldrs.' matls., Springfield, Mass.
Puffer, Harry, architect, Battle Creek, Mich.
Puffer-Hubbard Mfg. Co., barrows, 32d av, S., & 26th, Minneapolis, Minn.
Puffer Mfg. Co., soda water fountains, 51 Portland, Boston, Mass.
Puffer, W. E. & Sons, furnace regulators, 234 Walter, New York.
Pugell, John, contractor, 207 Loepere, Buffalo, N. Y.
Puget Mill Co., lumber & ties, San Francisco, Cal.
Puget Sound Art Glass Co., stainers, Seattle, Wash.
Puget Sound Boiler Works, marine, Seattle, Wash.
Puget Sound Bridge & Dredging Co., gen. contrg., etc., Seattle, Wash.
Puget Sound Flouring Mills Co., Tacoma, Wash.
Puget Sound Iron & Steel Wks., tubular boilers, Tacoma, Wash.
Puget Sound Lumber Co., Tacoma, Wash.
Puget Sound Machinery Depot, 318 1st av, S., Seattle, Wash.
Puget Sound Metal Wks., babbitt, Tacoma, Wash.
Puget Sound Mills & Timber Co., lumber, Port Angeles, Wash.
Puget Sound Sawmill & Shingle Co., Bellingham, Wash.
Puget Sound Sheet Metal Wks., cornices & skylight, Seattle, Wash.
Puget Sound Tent & Duck Co., contrs., Seattle, Wash.
Puget Sound Wood Preserving Co., creosoting works, Lowell, Wash.
Puget Stove & Range Co., Seattle, Wash.
Puget, Wm., contractor, Streator, Ill.
Pugh, Andrew G., contractor, Commerce Bldg., Columbus, Ohio.
Pugh Fndry. Co., 19 W. Levee, Kansas City, Mo.
Pugh, Job T., auger bit mfrs., 3101 Ludlow, Phila., Pa.
Pugh, Myron E., architect, 2919 Jackson blvd, Chicago, Ill.
Pugh & Rundlett, contractors, Ashland, Wis.
Pulaski Foundry & Mfg. Co., blast furnaces, Pulaski, Va.
Pulaski Iron Co., blast furnaces, Real Estate Trust Bldg., Philadelphia, Pa.
Pulaski Lbr. Co., 1833 N. Robey, Chicago, Ill.
Pulaski Mach. Co., Pulaski, Tenn.
Pulaski Mill, flour, Pulaski, Va.
Pulaski Roller Mills, flour, Pulaski, Tenn.
Pulaski Stone Co., Little Rock, Ark.
Puleston & McDougall, contractors, Fall River, Mass.
Pulfer, L. E., cornices & skylights, 1222 W. 25th, Los Angeles, Cal.
Pulfiey, C. F., common brick, St. Johns, Mich.
Pulford, Dempsey Constr. Co., Elmira, N. Y.
Pull Easy Mfg. Co., garden cultivators, Waukesha, Wis.
Pull-the-String Mailing Wrapper Co., 18 E. Kenzie, Chicago, Ill.
Pull-U-Out Products Co., portable cranes, 1627 Locust, St. Louis, Mo.
Pull-U-Out Sales Co., tackle blocks, 2018 Market, St. Louis, Mo.
Pullau Steel Spring Co., Mount Clemens, Mich.
Pullen, Leon W., Co., batteries, 618 Chestnut, Philadelphia, Pa.
Pulley Facing Co., Penna Bldg., Philadelphia, Pa.
Pullis, C. J., contr. & bldr., New Preston, Conn.
Pullman Co., car bldrs., Pullman Bldg., Chicago, Ill.
Pullman Couch Co., furn., 3759H S. Ashland av, Chicago, Ill.
Pullman Mfg. Co., hardware specialties, Rochester, N. Y.
Pullman Metal Weather Strip Co., weather strips, Kane, Pa.
Pullman Motor Car Co., York, Pa.
Pullman & Stevens, pig iron dlrs., Penna. Bldg., Phila., Pa.
Pullman Ventilator & Mfg. Co., York, Pa.
Pulp Wood Co., paper & pulp mills, Appleton, Wis.
Pulse & Porter, masons' & bldrs.' matls.—contr., Greensburg, Ind.
Pulsifer, Kingston Co., linoleum cements, 19 Eliot, Boston, Mass.
Pulsometer Steam Pump Co., 220 W. 42d, New York.
Pultz, Chas., fndr., Wauseon, Ohio.
Punchard, W. H., landscape arch., 284 Dart, Boston, Mass.
Puntenney Lime Co., lime mfrs., Los Angeles, Cal.
Punxsutawney Boiler Works, Punxsutawney, Pa.
See adv index at end of book.
Punxsutawney Brick Co., Punxsutawney, Pa.
Punxsutawney Drilling & Contracting Co., Punxsutawney, Pa.
Punxsutawney Fndry. & Machine Co., Punxsutawney, Pa.
Punxsutawney Hdwe. Co., whol. hrdwe., Punxsutawney, Pa.
Punsutawney Lumber & Supply Co., see Kurtz Coal, Lumber & Supply Co. (successors).
Purcell Box Corp., mill & facty. supp., Hartford, Conn.
Purcell Bros., contractors, 3226 Ogden av, Chicago, Ill.
Purcell & Gilfeather, contractors, 525 W. 29th, New York.
Purcell, J. L., plbrs.' supplies, Hartford, Conn.
Purcell, Wm. G., architect, Spalding bldg, Portland, Ore.
Purcell, Wm. R., architect, Ludlow, Ky.
Purchasing Agent Co., trade publication, 19 Park Place, New York.
Purdon, James, architect, 8 Beacon, Boston, Mass.
Purdue Univ., engng. schools & coll., Lafayette, Ind.
Purdy, A. R. & Co., Inc., steel products, 130 Christopher, New York.
Purdy, Chester, machsts., Ghent, Ohio.
Purdy, D. C., & Sons, cornices & skylights, Highland Park, Ill.
Purdy, Frank M., masons' & bldrs.' matls, Plattsburg, N. Y.
Purdy & Henderson, architect'l & struct'l engng., 45 E. 17th, New York.
Purdy, Raymond Jones, architect, 167 76th, Brooklyn, N. Y.
Purdy, W. A., lbr., Manchester, Vt.
Purdy, Wm. Co., bldg. contr., Waltham, Mass.
Pure Oil Co., Lafayette Bldg., Philadelphia, Pa.
Pure Carbon Co., carbon brushes, Wellsville, N. Y.
Pure Carbonic Co., 2008 S. Canal, Chicago, Ill.
Pure Food Canning Co., Erie, Pa.
Pure Gluten Food Co., 90 W. Broadway, New York.
Pure Oil Co., 1st & 13th av, S., Minneapolis, Minn., & Lafayette bldg, Phila., Pa.
Purington, O. D., & Co., gen. bldg. contrs., Ind. Trust Bldg., Providence, R. I.
Purington Paving Brick Co., Galesburg, Ill.
Purinton Bros. Co., contractors, Augusta, Me.
Purinton, Horace, Co., brick—contr., Waterville, Me.
Purinton & Smith Co., machy. dlrs., 31-41 Edwards, Hartford, Conn.
Puritan Bed Spring Co., 902 Kentucky av, Indianapolis, Ind.
Puritan Brick Co., Hamden, Ohio.
Puritan Brick & Tile Co., Farewell bldg., Detroit, Mich.
Puritan Cement Stone Co., artificial bldg. stone, 164 Federal, Boston, Mass.
Puritan Comb Co., Leominster, Mass.
Puritan Cordage Mills, Louisville, Ky.
Puritan Counter Co., Brockton, Mass.
Puritan Iron Wks., 110 Portland, Boston, Mass.
Puritan Knitting Mills, sweaters, cardigans, etc., Juniper & Vine, Phila., Pa., & 34 Orchard, New York.
Puritan Machine Co. (Ltd.), machsts., Lafayette & 10th, Detroit, Mich.
Puritan Mfg. Co., machsts. & fndrs., 121 Beach, Boston, Mass.
Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio.
Puritan Soap Co., 496 Exchange, Rochester, N. Y.
Puritan Fibre Co., Inc., fibre textile wastes, 184 Summer, Boston, Mass.
Purity Fertilizer Co., Greenville, Ala.
Purity Oats Co., Keokuk, Ia.
Purity Soap Co., 100 Humboldt av N., Minneapolis, Minn.
Purity Specialties Co., paper cups, Denckla Bldg., Phila., Pa.
Purnell, A., contractor, 507 Jarvella, Pittsburgh, Pa.
Purnell Art Co., cornices, 309 N. Charles, Baltimore, Md.
Puro Sanitary Drinking Fountain Co., faucets & drinking fountains, Haydenville, Mass.
Purolene Disinfecting Co., 956 S. B'way, Los Angeles, Cal.
Purple, A. E., cordage & twine mfrs., Moodus, Conn.
Pursel & Standley, carriages, Denver, Colo.

Purves, Adam, contractor, Hartford, Conn.
Purves Machy. & Iron Co., scrap iron, South & Water, Phila.,
Purvis, David H., mason contr., Norwich, Conn.
Purvis, Geo. H., architect, Glove bldg, Seattle, Wash.
Purvis, S. G., Co., lbr., Butler, Pa.
Purvis & Shelton, steam & hot water htg. contr. & machsts. supplies, 241 Plymouth, Brooklyn, N. Y.
Pusey & Jones, shipbuilders' machinery, mfg. & supplies, etc., Wilmington, Del.; Pennsylvania & New Jersey yards, Gloucester, N. J.
Pushee, Jno. C., & Sons, paint brushes, 3 Randolph, Boston, Mass.
Puster Belting & Pulley Co., 523 W. Van Buren, Chicago, Ill.
Putnam, Carl Scott, architect, Northampton, Mass.
Putnam & Chandler, archieects, 18 Arlington, Boston, Mass.
Putnam & Co., rolling ladders, 32 Howard, New York.
Putnam & Cox, architects, 114 State, Boston, Mass.
Putnam Die Co., machsts., 911 N. Market, St. Louis, Mo.
Putnam Fertilizer Works, Eatonton, Ga.
Putnam Foundry & Machine Co., heating contrs., Putnam, Conn.
Putnam Hdwe. & Mill Supply Co., Putnam, Conn.
Putnam, H. E., masons' & bldrs.' matls., Hartford, Conn.
Putnam, H. H., lbr., Danforth, Me.
Putnam, J. L., architect, Lyon bldg, Seattle, Wash.
Putnam Lbr. Co., Jacksonville, Fla.
Putnam Machine Co., see Manning, Maxwell & Moore, Inc., Putnam Machine Wks. (successors).
Putnam Mfg. Co., cotton sheetings, Putnam, Conn.
Putnam Mills & Power Co., Eatonton, Ga.
Putnam, Moore & Brown, contractors, New Telegraph Bldg., Detroit, Mich.
Putnam & Parker, corn feed, buckwheat flour, Columbus, Pa.
Putnam, Wm. E., Jr., architect, Spooner Bldg., Chestnut Hill, Mass.
Putnam Veneer & Lumber Co., Roachdale, Ind.
Putnam, W. W., & Co., organs, Staunton, Va.
Putney, F. F., fertilizer mfrs., Putney, Ga.
Putney, Oliver C., granite producers, Woodstock, Md.
Puttmann, John J., lbr. mfrs., New Point, Ind.
Putzel, Jos., architect, 29 W. 34th, New York.
Puyallup & Sumner Fruit Growers' Canning Co., Puyallup, Wash.
Pyhe Werkhoff Co., htg. contrs., Muncie, Ind.
Pyle, Fred'k B., architect, Evans Bldg., Washington, D. C.
Pyle, J. F., & Son, canned goods, San Jose, Cal.
Pyle-National Elec. Headlight Co., 500 Throop, Chicago, Ill.
Pyle Pattern Wks. & Mfg. Co., Muskegon, Mich.
Pyle & Stannard, contrs., Wilmington, Del.
Pyle, Victor R., Co., masons' & bldrs.' matls., Wilmington, Del.
Pyles, Julius E., contractor, 410 Dover, Baltimore, Md.
Pyles, Thos., stone producer, Cambridge Ohio.
Pynch, E. A., & Co., machsts., 311 3d av S, Minneapolis, Minn.
Pyne Co., mill & facty. supplies, etc., Louisville, Ky.
Pyne, Thos., contractor, Yonkers, N. Y.
Pynetree Paper Co., 460 Pearl, New York.
Pynn & Cameron, show cases, Boston, Mass.
Pyott Co., power transmission machy., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., pulleys (cast iron), 328 N. Sangamon, Chicago, Ill.
Pyramid Grate Bar Co., 30 E. 42d, New York.
Pyramid Paint Co., 133 N. 22d, Phila., Pa.
Pyramus Mfg. Co., portables, 200 Grand, New York.
Pyre Clay Products Co., Oak Hill, Ohio.
Pyrene Mfg. Co., fire extinguishers, 52 Vanderbilt av, New York.
Pyroil Products Co., oil burners, 4959 Odell av, St. Louis, Mo.
Pyrolectric Instrument Co., pyrometers, etc., Trenton, N. J.
Pyrone Process Co., interior finish mfrs., 20 E. Gay, Columbus, Ohio.
Q. & C. Co., railroad equipt., 90 West, New York.
Qua Jam., packg. box mfrs., 341 W. B'way, New York.
Q. M. S. Co., car wheel & saw grinders & pneumatic hoists, 1771 Elston av, Chicago, Ill.
Quabaug Rubber Co., rubber goods mfrs., N. Brookfield, Mass.
Quackenboss, Leonard G., architect, 35 N. Dearborn, Chicago, Ill.
Quackenbush, H. M., air rifles, air rifle ammunition, nut cracks & picks, etc., Herkimer, N. Y.
Quackenbush, J. E., contractor, Webster City, Ia.
Quackenbush & Son, mill & facty. supplies, Paterson, N. J.
Quad Stove Mfg. Co., Columbus, Ohio.
Quaddy Playthings Mfg. Co., toys, dolls, etc., Kansas City, Mo.
Quadriga Mfg. & Specialty Co., screw mfrs. & screw machine products, etc., 213 W. Grand av, Chicago, Ill.
See adv index at end of book.
Quaile, Wm. B., stained glass substitutes, 405 Lexington av, New York.
Quaker City Brass Wks., elec. portables, 336 N. 3d, Phila., Pa.
Quaker City Cordage Co., 416 Walnut Pl., Phila., Pa.
Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.
Quaker City Flour Mills Co., 3040 Market, Phila., Pa.
Quaker City Iron Wks., tanks, etc., Dept. H, Tioga & Richmond, Phila., Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Quaker City Sign Co., advtg., 116 W. 13th, Phila., Pa.
Quaker City Stained Glass Wks., 222 N. 4th, Phila., Pa.
Quaker City Stencil & Stamp Wks., 234 Arch, Phila, Pa.
Quaker City Supply Co., chemicals, lubg. oils, etc., Land Title Bldg., Phila., Pa.
Quaker City Sweater Mills, 1421 Wallace, Phila., Pa.
Quaker City Wall Paper Co., E. Thompson & E. Westmoreland, Phila., Pa.
Quaker Mfg. Co., furnaces, regulators, ironing machines, etc., 140 N Dearborn, Chicago, Ill.
Quaker Oats Co., 80 E. Jackson blvd., Chicago, Ill.
Quaker Soap Co., metal polish, 207 Provost, Jersey City, N. J.
Quakertown Stove Works, Quakertown, Pa.
Qualey, J. R., & Co., Granite, S. Quincy, Quincy, Mass.
Qualey, J. S., contractor, 25 Pine, New York.
Qualfe, Ernst E., architect, 64 Harrison av, Jersey City, N. J.
Quality Die Co., steel letters & stamps, 1430 E. 64th, Chicago, Ill.
Quality Shingle Co., Edmonds, Wash.
Quality Stove & Range Co., Belleville, Ill.
Qualmann, Walter A., contractor, Saginaw, Mich.
Quam, H. J., htg. contr., 3616 Portland av, Minneapolis, Minn.
Quam Pneumatic Cleaner Co., 243 Lake, Milwaukee, Mis.
Quapaw Supply Co., mill & facty. supplies, Commerce, Okla.
Quarles, J. E., Co., sashes, doors & blinds, Ft. Worth, Tex.
Quarmby & Hilliker, shoe machy., Lynn, Mass.
Quasi Arc Weltrode Co., Inc., electric welding, etc., 109 Lafayette, New York.
Quasuis, Geo., contr., Sheboygan, Wis.
Quay Engng. Co., htg. contrs., 470 4th av, New York.
Quayle Bros. & Cressey, architects, Spreckels Bldg., San Diego, Cal.
Queal, J. H. & Co., lbr. mfrs. & mason & bldrs. mtls., Sioux City, Ia.
Queal Lbr. Co., Des Moines, Ia.
Queen Bee Stone Co., Tulsa, Okla.
Queen City Blue Print Co., 124 Government pl, Cincinnati, O.
Queen City Box Co., Wade, Flint & McLean, Cincinnati, Ohio.
Queen City Brass Wks., Denver, Colo.
Queen City Brick Co., Court & Pearl, Buffalo, N. Y., & Charlotte, N. C.
Queen City Brick & Tile Co., Cumberland, Md.
Queen City Engng. Co., machsts., 49 Illinois, Buffalo, N. Y.
Queen City Exhaust & Blow Pipe Co., cornices, 423 York, Cincinnati, Ohio.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, Ohio.
Queen City Fndry. Co., Denver, Colo., & Spring Grove av & Alabama, Cincinnati, Ohio.
Queen City Glass Wks., 118 W. 2d, Cincinnati, Ohio.
Queen City Iron Folding Bed Co., 26 W. 3d, Cincinnati, Ohio
Queen City Iron & Wire Wks. Co., Denver, Colo.
Queen City Lbr. Co., Cincinnati, Ohio.
Queen City Mach. Tool Co., 1405 Sycamore, Cincinnati, Ohio.
Queen City Mattress Co., 946 Betts, Cincinnati, Ohio.
Queen Mill Co., Edmonds, Wash.
Queen City Paper Co., 515 Eggleston av, Cincinnati, Ohio.
Queen City Printing Ink Co., 1929 South, Cincinnati, Ohio.
Queen City Quarry Co., stone prod., East St. Louis, Ill.
Queen City Scale Co., 1628 John, Cincinnati, Ohio.
Queen City Silver Co., Fillmore & Richmond, Cincinnati, Ohio
Queen City Supply Co., mill & facty. supplies, Pearl & Elm, Cincinnati, Ohio.
Queen City Tool Co., machinists, 800 Kensington av, Buffalo, N. Y.
Queen City Varnish Co., Montgomery rd & Dana av, Cincinati Ohio.
Queen City Watch Case Mfg. Co., Cincinnati, Ohio.
Queen & Co., pyrometers, thermometers, etc., 618 Chestnut Phila., Pa.
Queen-Gray Co., architects' & engineers' instrs. & supplies, 618 Chestnut, Phila., Pa.
Queen Hair Pin Co. (horn), Leominster, Mass.
Queen Incubator Co., Lincoln, Neb.
Queen Mfg. Co., bags, ironing boards, etc., 313 S. Clinton Chicago, Ill.
Queens Borough Brass & Bronze Fndry., 184 B'way, Long Island City, N. Y.
Queen's Run Fire Brick Co., Lock Haven, Pa.
Quehl Sign Co., 318 Main, Cincinnati, Ohio.
Quellmalz, Hy., Lbr. & Mfg. Co., 2500 S 1st, St. Louis, Mo.
Quemahoning Coal Co., bituminous, Somerset, Pa.
Quenelda Graphite Co., Quenelda, Ala.
Quenponco Packing Co., Newark, Md.
Quentin, Peter N., machst. & fndr., Fond Du Lac, Wis.
Quick Action Ignition Co., watch demagnetizers, South Bend, Ind.
Quick-Change Chuck Mfg. Co., Arcanum, Ohio
Quick Elec. Heater Co., radiators, Madile, Cincinnati, Ohio.
Quick, H. Lansing, architect, 18 S. B'way, Yonkers, N. Y.
Quick, James W., machsts. & fndrs., Shawneetown, Ill.
Quick-Kleen Soap Co., 191 Sanford, B'klyn, N. Y.
Quick Meal Stove Co., machsts. & brass composition fndrs., 2001 S. Kings Highway, St. Louis, Mo.
Quick, S. F., & Son, contractors, Yonkers, N. Y.
Quick & Thomas Co., agricultural implements, Auburn, N. Y.
Quick Unloading Car Chute Co., Birmingham, Ala.
Quickedge Sharpener Co., tool grndrs., 215 Desplaines, Chicago, Ill.
Quickwork Co., sheet metal workers' machy., St. Marys, Ohio.
Quidnick-Windham Mfg. Co., shade cloth mfrs., Willimantic, Conn.
Quien, Louis, Jr., architect, 329 Broad, Elizabeth, N. J.
Quier, C. D., Top Co., umbrella mfrs., Kansas City, Mo.
Quigg Mfg. Co., lumber, Livermore, Ky.
Quigley & Dorp., machsts., Camden, N. J.
Quigley Furnace Specialties Co., furnace cement mfrs., 26 Cortlandt, New York.
Quigley Furniture Co., desk mfrs., Whitesboro, N. Y.
Quigley, Jas. J., & Son, steam htg. contrs., 1342 Ridge av, Phila, Pa.
Quigley & Meeker, contrs., 19 Yo. & Sharon, Youngstown, Ohio.
Quigley, W. M., masons' mtls., Sterling, Kans.
Quill & Co., Paste, 436 Aberdeen, Chicago, Ill.
Quill, M. F., contractor, Provident Bk. Bldg., Cincinnati, Ohio.
Quillman, Benj., Hardware Co., Norristown, Pa.
Quimby Engng. Co., mercury gauges, indicators, etc., 450 N. 10th, Phila., Pa.
Quimby, J. L., & Co., oils & greases, 278 Water, New York.
Quimby Mfg. Co., pumps, 1700 Washington av N., Minneapolis, Minn.
Quimby, Ralph A., landscape architect, 53 State, Boston, Mass.
Quimby, Wm. E., Inc., machsts. & fndrs., 209 Parkhurst, Newark, N. J.
Quinault Lbr. Co., Raymond, Wash.
Quinault Shingle Co., Humptulips, Wash.
Quinby, A. T., & Son, mill & facty. supplies, Laconia, N. H.
Quinby, Frank H., architect, 99 Nassau, New York.
Quinby, J. M., & Co., auto. bodies, guards, fenders, etc., 27 Division, Newark, N. J.
Quincy Av. Granite Co., Quincy, Mass.
Quincy Casket Co., Quincy, Ill.
Quincy Casting Co., Quincy, Ill.
Quincy Column Turning Co., Granite, Quincy, Mass.
Quincy Egg Carrier Co., Quincy, Ill.
Quincy Elev. Gate Co., Quincy, Ill.
Quincy Fndry. & Nov. Co., Quincy, Ill.
Quincy Lbr. Co., masons' & bldrs.' mtls., Quincy, Ill.
Quincy Motor Co., machsts., Quincy, Ill.
Quincy Pattern Co., Quincy, Ill.
Quincy Quarries Co., Quincy, Mass.
Quincy Show Case Wks., Quincy, Ill.
Quincy Stove Mfg. Co., Quincy, Ill.
Quincy White Lime & Cement Co., Quincy, Ill.
Quinebaug Co., cotton sheetings, Danielson, Conn.

Quinlan, M. W., carriages, Brookline, Mass.
Quinn Bros., plumbers, mill & facty. supplies—jobbers, Paterson, N. J.
Quinn & Co., refuse burners, 222 E. 9th, Cincinnati, Ohio.
Quinn & Fahrenkopi, lbr. mfrs., Gagetown, Mich.
Quinn, H. A., Lumber Co., Council Bluffs, Ia.
Quinn, J. E., horse collars, Toledo, Ohio.
Quinn, Jno. F., Co., glass stainers, 256 W. 81st, New York.
Quinn Mfg. Co., fire pots, Detroit, Mich.
Quinn, P. J., cornices & skylights, Madison, Ind.
Quinn, J. Edwin, architect, 123 W. Madison, Chicago, Ill.
Quinn, J. J. Co., contrs., Miami, Fla.
Quinn, Nicholas, contr., Madison, Wis.
Quinn, Oscar, contr., Marseilles, Ill.
Quinn, Roy D., mandrils & rubber cement mixing machy., Willoughly, Ohio.
Quinn Supply Co., plumbers' supplies—jobbers, 29 S. Western av., Chicago, Ill.
Quinn, W. H., contractor, Beloit, Wis.
Quinn Wire & Iron Wks., Boone, Iowa.
Quinsigamond Pressed Steel Co., sheet metal stamping, Worcester, Mass.
Quint, A. D., machst., Hartford, Conn.
Quint, Frank, contr., Danville, Ill.
Quintard Iron Wks. Co., machsts., fndrs., ship bldrs., etc., 742 E. 12th, New York.
Quinton Glass Co., fertilizer mfrs., Quinton, N. J.
Quirin, John & Bro., machsts. & fndrs., St. Clair, Pa.
Quirin Leather Press Co., Olean, N. Y.
Quirk, Jas. A., Trunk Co., 1228 Olive, St. Louis, Mo.
Quist, A. W., & Co., contractors, Seattle, Wash.
Quist, Samuel, contractor, Sycamore, Ill.
Quitman Cooperage Co., wood tanks, Quitman, Ga.
Quitman Foundry & Machine Co., Quitman, Ga.
Quitsow, Anthony H., architect, 1036 Dakin, Chicago, Ill.
Quynn, Allen G., & Co., whol. hdwe., Frederick, Md.
Raab, W. H., & Bro., pads, Johnstown, Pa.
Raabe, Lawrence, architect, 111 E. 7th, Newport, Ky.
Raapke, H. A., architect, City Nat'l Bk. Bldg., Omaha, Neb.
Raasch, G. A., mach. & fndr., Higginsville, Mo.
Raban, W. A., vehicle washers, Broad, Portchester, N. Y.
Rabbage & Walderon, architects, 729 6th av, New York
Rabbitt, Michael, & Sons Co., contractors, 115 Nasby, Toledo, O.
Rabe Mfg. Co., sashes, doors, & blinds, New Bremen, Ohio.
Rabe, Otto, patterns, 158 N. Desplaines, Chicago, Ill.
Raber & Lang Mfg. Co., cement mixing machinery, Kendallville, Ind.
Rabich, Herman, contractor, Cape Girardeau, Mo.
Rabig, Chas. E. Klari, architect, 104 S Michigan av, Chicago, Ill.
Rabus & Toeller, machsts. & fndrs., Cedar Rapids, Ia.
Raby, Geo., architect, 934 Goodfellow av, St. Louis, Mo.
Raby, Hinton & Co., stained glass window mfrs., Mechanicsburg, Pa.
Raby, Peter, Contracting Co., Oswego, N. Y.
Racey, Cement L., advtg. novelties, Kansas City, Kans.
Rach, Dr. Carl, grain dryers, kettles & brewers' machy., 203 Broadway, New York.
Racich Asbestos Mfg. Co., 609 W. 55th, New York.
Racine Almn. & Brass Fdry. Co., Racine, Wis.
Racine Auto Tire Co., Racine, Wis.
Racine Auto Top Co., Racine, Wis.
Racine Boat Co., Racine, Wis.
Racine Brass & Iron Co., fndrs., Racine, Wis.
Racine Canning Co., Racine, Ohio.
Racine Elec. Co., see Universal Motor Co. (successor).
Racine Elec, Co., machsts, motors, hand vacuum cleaners, etc., Racine, Wis.
Racine Confectioners' Machy. Co., Racine, Wis.
Racine, F. L., horse collars, Fort Wayne, Ind.
Racine File Co., Racine, Wis.
Racine General Mfg. Co., whol. wagon hdwe., horse clothing & auto accessories, Racine, Wis.
Racine Implement Co., fanning mills, end gate seeders, Racine, Wis.
Racine Iron & Wire Wks., door fasteners, wire household utilities, wire hanging baskets, conductor strainers, etc., Racine, Wis.
Racine Malleable & Wrought Iron Co., machsts. & fndrs., Racine, Wis.
Racine Mfg. Co., auto metal bodies, Racine, Wis.
Racine Metal Stamping Co., Racine, Wis.
Racine Puttyless Window Co., Racine, Wis.
Racine Rubber Co., Racine, Wis.
Racine-Sattley Co., agric. implement mfrs., Springfield, Ill.
Racine Steel Castings Co., Racine, Wis.
Racine Tank Lug Co., Racine, Wis.
Racine Tool & Machine Co., metal cutting machines, Racine, Wis.
Racine Traveling Bag Co., Racine, Wis.
Racine Trunk Co., Racine, Wis.
Racine Universal Motor Co., grinders, vibrators, etc., 53 W Jackson blvd, Chicago, Ill.
Racine Woolen Mills, blankets, Racine, Wis.
Rackle, Geo., & Sons Co., stone producers (A. B. C. Line), Cleveland, Ohio.
Rackliffe Bros. Co., Inc., plate glass, whol. hdwe., mill & facty. supplies, New Britain, Conn.
Racky & Son Iron Works, 718 Wentworth av, Chicago, Ill.
Racquette River Paper Co., Potsdam, N. Y.
Radcliffe, C., & Sons Co., metal buttons, 276 N. J. R. R. av, Newark, N. J.
Radcliffe, E. S., architect, Superior, Wis.
Radcliffe & Gaskill, architects, Salisbury, Md.
Radcliffe Mfg. Co., sash, door & blind mfrs., West Allis, Wis.
Radcliffe & Shaw Co., cordage mfrs., Glen Rock, Pa.
Radding Co., cornices, Springfield, Mass.
Radecke, H. F., & Sons, packing box mfrs., Bush & Ridgely, Baltimore, Md.
Radel Leather Mfg. Co., Wilson av, Newark, N. J.
Rademacher, A. E., machst., Irvington, N. J.
Rademacher Bros., cornices, 343 Fox, Buffalo, N. Y.
Rademaker, H., & Sons, base ball mfrs., bats, etc., Grand Rapids, Mich.
Rader, Edward B., brick, Coplay, Pa.
Rader, F. B., canned goods, Troutville, Va.
Rader, Hy., cornices, 27 Thorne, Jersey City, N. J.
Radford, John, Son., contractor, Newport, R. I.
Radford Sash & Door Co., 1827 Prairie av, Chicago, Ill.
Radford & Wright Co., sashes, doors & blinds, Lbr. Ex., Minneapolis, Minn.
Radiant Mfg. Co., lighting systems, Sandusky, Ohio.
Radiator Footwarmer Co., 107 Tioga, Ithaca, N. Y.
Radina, L. W., Lbr. Co., Clark & Dalton av, Cincinnati, Ohio.
Radio Apparatus Co., wireless instruments, Pottstown, Pa.
Radio Corp. of Am., wireless telegraph instrs., 233 B'way, New York.
Radio Mat Slide Co., 130 W. 42d, New York.
Radium Chemical Co., Forbes & Meyran av, Pittsburgh, Pa.
Radium Dial Co., 3530 Forbes, Pittsburgh, Pa.
Radium Gold Fibre Screen Co., projection screens, 220 W. 42d, New York.
Radium Light Co., elec. lamp flashlights, Arrott Bldg., Pittsburgh, Pa.
Radium, Ltd., U. S. A., luminous compounds, etc., 2 W. 45th, New York.
Radium Luminous Material Corp., 58 Pine, New York.
Radle, F., pianos, 609 W. 36th, New York.
Radloff, Frank, contractor, Plymouth, Wis.
Rado Co., radiator valves, Milwaukee, Wis.
Radtke Lumber & Supply Co., masons' & bldrs.' matls., Monroe, Mich.
Rae, G., & Co., glass embossers, 173 Prince, New York.
Rae, Robert, contr., Jacksonville, Fla.
Rae, Robt., Jr., architect, Wilmette, Ill.
Rae, Thos., & Son, contractors, 253 W. 27th, New York.
Raebeck & Zimtbaum, plumbers' woodwork, 16 Eckford, Brooklyn, N. Y.
Raecolith Flooring Co., sanitary, Seattle, Wash.
Raeder, Henry, architect, 53 State, Boston, Mass., and 20 W. Jackson blvd., Chicago, Ill.
Raeder, James Ritchie, architect, 53 State, Boston, Mass.
Raeford Hardware Co., Raeford, N. C.
Raeuber, W. J., architect, Manitowoc, Wis.
Raff, A. Raymond, contractor, 1635 Thompson, Phila., Pa.
Rafferty Contrg. Co., 624 W. 52d, New York.
Rafferty, Wm. J., & Co., contractors, 33 Champney, S. B., Boston, Mass.
Rafter Machine Co., Irvington, N. J.
Raftery, John T., contractor, 55 Candace, Providence, R. I.
Ragan-Brown, Lange Co., machsts. & fndrs., Napoleon, Ohio.
Ragan, G. R., architect, Roanoke, Va.
Ragland, Edward H., architect, Sunnyside, Wash.
Ragland, W. L., & Son, contractors, Richmond, Va.
Ragley, W. G., Lbr. Co., Ragley, La.
Ragsdale, W. R., architect, Greenville, Tex.
Rahiser, H. S., architect, 21 Union, Pittsburgh, Pa.
Rahm, August J., architect, 140 Market, Paterson, N. J.
Rahmann, Geo., & Co., belting mfrs., clutch linings, 31 Spruce, New York.
Rahmann, W. H., architect, 126 Cedar, New York.
Rahn, C. E., architect, 410 Walnut, Phila., Pa.
Rahn-Larmon Co., machine tools, Cincinnati, Ohio.
Rahtz & Schnitzer, archl. iron, 21 E. 137th, New York.
Raider, David, mattresses, 108 Forsyth, New York.
Raiguel, W. O., architect, First Nat'l Bank bldg, San Francisco, Cal.
Rail Joint Co., iron rolling mills, 61 B'way, New York.
Rail Joint Co., Penn Bldg., Phila., Pa.
Rail Welding & Bonding Co. of Am., 2400 Woodland av, Cleveland, Ohio.
Rail & River Coal Co., Rockefeller bldg, Cleveland, Ohio.
Railroad Supply Co., plates, rail joints, etc., 203 S. Dearborn, Chicago, Ill.
Railway Age, trade publication, Woolworth bldg, New York
Ry. Electric Mfg. Co., train despatching equipt., 250 W. Water, Milwaukee, Wis.
Ry. Electrical Engineer, trade journal, Woolworth Bldg., New York.
Ry. Improvement Co., 61 B'way, New York.
Ry. & Industrial Engng. Co., arresters & enclosed, Peoples Bank Bldg., Pittsburgh, Pa.
Railway & Industrial Engineers, Inc., 25H Broad, New York
Ry. Journal Packing Co., 233 Broadway, New York.
Ry. Light Equipment Co., 526 Commercial Trust Bldg., Phila., Pa.
Ry. Maintenance Engineer, trade journal, Woolworth Bldg., New York.
Ry. & Marine News, trade publications, Seattle, Wash.
Ry. Materials Co., Railway Exchange Bldg., Chicago, Ill.
Ry. Mechanical Engineer, trade journal, Woolworth Bldg., New York.
Ry. Review, trade publication, 537 S. Dearborn, Chicago, Ill.
Railway Roller Bearing Co., Syracuse, N. Y.
Ry. Signal Engineer, trade journal, Woolworth Bldg., New York.
Ry. Supply & Mfg. Co., second hand, Cincinnati, Ohio.
Ry. Specialty Co., Atchison, Kans.
Ry. Steel Spring Co., 30 Church, New York.
Ry. Storage Battery Car Co., 50 Broad, New York.
Ry. Supply & Curtain Co., car curtains, 618 S. Canal, Chicago, Ill.
Ry. Track Work Co., grinders, 3132H E Thompson, Phila., Pa.
Ry. & Traction Supply Co., locomotive sanders, posts, etc., 79 W. Monroe, Chicago, Ill.
Ry. Utility Co., controllers, thermostats, ventilators, etc., 721 Fulton, Chicago, Ill.
Ry. & Mine Supply Co., mine cars & wheel brakes, shoes & steel rails, McCormick bldg, Chicago, Ill.
Rainaud, H. E., Co., leaded glass shades, Meriden, Conn.
Rainbow Guano Co., fertilizer mfrs., Montgomery, Ala.
Rainbow, John R., architect, 9 E. 40th, New York.
Rainbow Paper Mills, Rainbow, Conn.
Raine-Andrews Lbr. Co., Evenwood, W. Va.
Raine Lbr. Co., Honey Dew, W. Va.
Rainear, C. J., & Co., mill & facty. supplies, 518 Arch, Philadelphia, Pa.
Rainey, Joseph C., furn., 230H, S. Second, Phila., Pa.
Rainey, Peter J., contr., Greenwich, Conn.
Rainey, T. C., & Sons, flour mills, Mercer, Tenn.
Rainey, W. A., contractor, 180 Jessie, San Francisco, Cal.
Rainey, W. J., coke mfr., 52 Vanderbilt av, New York.
Rainier Motor Corp., Bayside av, Flushing, N. Y.
Rainshine Umbrella Co., 715 Main, Kansas City, Mo.
Rainy River Timber Co., Spooner, Minn.
Rairight, O. C., architect, Kittaning, Pa.
Raisler Heating Co., 129 Amsterdam av, New York.
Rajah Auto Supply Co., Bloomfield, N. J.

Rajah Mfg. Co., Turkish towels, Jasper & Huntington, Philadelphia, Pa.
Rajotte, Albert, brick, Dunellen, N. J.
Rakow, Emil C., contrs., Decatur, Ill.
Ral Specialty Co., whl. plbg. supplies, Passaic, N. J.
Raleigh Coal & Coke Co., Raleigh, W. Va.
Raleigh Iron Works Co., Raleigh, N. C.
Raleigh Lbr. Co., Columbus, Ohio.
Raley Rubber Co., medicinal droppers, etc., New Haven, Conn.
Rall Bros., lumber, Glasgow, Mo.
Ralli Bros., bags, hemp, shellac, etc., 11 William, New York.
Ralph, C. S., & Bro., canned goods, Vienna, Md.
Ralston Iron Works, 20th & Indiana, San Francisco, Cal.
Ralston, J. G., architect, Waterloo, Ia.
Ralston Steel Car Co., Columbus, Ohio.
Ralston, W., & Co., Inc., waterproof paper, Niagara Falls, N. Y.
Ramage, Ripley J., mason, New Britain, Conn.
Ramaley Boat Co., Wayzata, Minn.
Ramapo Fdry. & Wheel Works, Ramapo, N. Y.
Ramapo Iron Works, mchsts. & fndrs., Hillburn, N. Y.
Ramberg, Ola, architect, 101 Park av, New York
Rambo, Theo. G., paint mfrs., 981 N. 2d, Philadelphia, Pa.
Rambusch Decorating Co., 2 W. 45th, New York.
Ramey Bros., contractos, Law Bldg., Baltimore, Md.
Ramey Co., vacuum cleaners, Chillicothe, Ohio.
Ramey, G. E., architect, Champaign, Ill.
Ramey, Geo. Ed., architect, Robeson bldg, Antioch, Ill.
Ramm, Wm. J., contractor, Youngstown, Ohio.
Ramming, John, Mach. Co., 300 S. Main, St. Louis, Mo.
Ramos Lumber Co. (Ltd.), Ramos, La.
Ramming, Walter J., architect, 3753 Fulton, Brooklyn, N. Y.
Ramsaier, Gustav, Co., machsts., 263 William, New York.
Ramsaier, Wm. J., machinist, 95 Cliff, New York.
Ramsay, Andrew, Co., water closet tanks, Mt. Savage, Md.
Ramsay, H. M., architect, 50 Bromfield, Boston, Mass.
Ramsay, John E., architect, Salisbury, N. C.
Ramsay, John W., masons' & Bldrs.' matl., 161 Devonshire, Boston, Mass.
Ramsburg Fertilizer Co., Fredeerick, Md.
Ramsdell, A. T., architect, Dover, N. H.
Ramsdell, Homer (Est. of), brick, Dutchess Junction, N. Y.
Ramsdell, L. B., Co., children's carriages, Gardner, Mass.
Ramsdell, R. H., Construction Co., Sterling, Ill.
Ramsdell Spec. Co., screw mach. products, Worcester, Mass.
Ramsdell & Co., lumber mfrs., Albany, N. Y.
Ramseur Broom Wks., Ramseur, N. C.
Ramsey Bros., contractors, 5932 Catharine, Philadelphia, Pa.
Ramsey, Chas., Co., hdwe. mfrs., Kingston, N. Y.
Ramsey, D. G., & Sons, masons' & bldrs.' matls., New Castle, Pa.
Ramsey, J., & Sons, silk thread, Phillipsburg, N. J.
Ramsey, Jas., paving contr., Jacksonville, Fla.
Ramsey Mach. & Elev. Co., 207 N. 12th, St. Louis, Mo.
Ramsey, W. S., contractor, Manistique, Mich.
Ramsey Wheeler Co., lumber, Bainbridge, Ga.
Ramseyer, M. S., Co., The, contrs., Spitzer Bldg., Toledo, Ohio.
Ramstad, Louis, contractor, Duluth, Minn.
Ramus, C. F. W., paint brushes, E. Boston, Mass.
Ramsey, H. H., contr., Sterling, Ill.
Ranaky, H. P., Elec. & Mfg. Co., transformers, 1117 W. 76th, Los Angeles, Cal.
Rancocas Mills, cocoa mats & matting, Trenton, N. J.
Rand-Avery Supply Co., maps, 117 Franklin, Boston, Mass.
Rand, Ball & King Co., mill & facty. supplies, Claremont, N. H.
Rand & Byam, soap, Charlestown, Mass.
Rand Co., filing cabinets, North Tonawanda, N. Y.
Rand Consolidated Syndicate Mines, Ltd., iron pyrites, 853 Ellicott sq, Buffalo, N. Y.
Rand, F. L. Co., advtg. spec., St. Louis, Mo.
Rand Iron Works, Vancouver, Wash.
Rand, L. L., architect, Rookery Bldg., Spokane, Wash.
Rand Lumber Co., Burlington, Ia.
Rand, M. W., architect, Rookery bldg, Spokane, Wash.
Rand, McNally & Co., atlases, 538 S. Clark, Chicago, Ill.
Rand, W. H., carriages, Amesbury, Mass.
Randak, Frank, architect, care Holabird & Roche, 104 S Michigan av, Chicago, Ill.
Randak, Frank, architect, 3643 W. 26th, Chicago, Ill.
Randall, A. H., Mill Co., lumber, Tekonsha, Mich.
Randall Bros., masons' & bldrs.' matls., Peters Bldg., Atlanta, Ga.
Randall, C. A., architect, Sheridan, Wyo.
Randall, Chas. W., architect, 201 Lake, West Hoboken, N. J.
Randall, Edwin, contractor, Danville, Ill.
Randall Elevator Door Control Co., 115 Mission, San Francisco, Cal.
Randall, F. A., contr., Haines, Fla.
Randall-Faichney Co., horns, plugs, pyrometers, syringes, Boston, Mass.
Randall, Frank E., rubber thickness gauges, Waltham, Mass.
Randall Graphite Products Corp., 711H Fulton, Chicago, Ill.
Randall, J. D., Co., machsts., 610 W. Court, Cincinnati, Ohio.
Randall, James A., architect, S. A. & K. Bldg., Syracuse, N. Y.
Randall Lumber & Coal Co., masons' & bldrs' matls., Flint, Mich.
Randall, L. Y., machinist & brass fndrs., Gaffney, S. C.
Randall, R. T., & Co., machy. dlrs., 333 N. 2d, Philadelphia, Pa.
Randall & Stickney, dial thickness, gauges, Waltham, Mass.
Randall Tramrail Co., overhead trolleys, 331 N. 2d, Phila., Pa.
Randall, T. A., & Co., porcelain products, 211 Hudson, Indianapolis, Ind.
Randall, W. I., stone producers, Hancock, N. Y.
Randall, W. L., masons' & bldrs.' matls., Doylestown, Pa.
Randenburg, Ernest, dies, tools, etc., 208 E. 27th, New York
See adv. index at end of book
Randerson, John P., contractor, 51 State, Albany, N. Y.
Randle, Geo. M., St. Girard Bldg., Philadelphia, Pa.
Randle Machinery Co., C H & D, Ray & Powers, Cumville, Cincinnati, Ohio.
Randolph Box & Label Co., folding boxes, 843 W. Van Buren, Chicago, Ill. *See adv index at end of book*
Randolph Canning Co., Randolph, Wis.
Randolph-Clowes Co., plumbers' seamless tubing, Waterbury, Conn.
Randolph, H. C., auto truck trailers, Jonesville, Mich.
Randolph, L. W., Inc., rotary engines, 9-15 Clinton, Newark, N. J.
Randolph Mfg. Co., cotton sheeting, Franklinville, N. C.
Randolph, S. M., architect, 1024 N blvd, Oak Park, Ill.
Randolph, S. M., architect, Parkside Bldg., Oak Park, Ill.
Randolph, T. F., Co., engng. & surveying instruments, 238 E. 5th, Cincinnati, Ohio.
Randolph Wagon Works, Randolph, Wis.
Randolph, Wm. C., bone handles, 243 Arch, Philadelphia, Pa.
Raney Bros., brick, Fairfield, Ia.
Raney, F. J., machsts., Shell Lake, Wis.
Range Lbr. Co., Deer Creek, W. Va.
Range Sand Lime Brick Co., Pengilly, Minn.
Rangeley Construction Co., 405 Lexington av, New York.
Ranger Casper Construction Co., Holyoke, Mass.
Ranger Casper Lumber Co., sash, door & blind, masons' & bldrs.' matls., Holyoke, Mass.
Rangnow & Hall, trunk mfrs., 67 Laurel, Philadelphia, Pa.
Raniville, F., Co., leather belting (round & flat), belt tools cements, dressing, etc., & mechanical leather specialties mfrs., Grand Rapids, Mich.
Rankin, A. J., mill & facty. supplies, Shelby, Mich.
Rankin & Arnold, mill & facty. supplies, New Bedford, Mass.
Rankin, Chas. F., masons, & bldrs., matls., Schenectady, N. Y.
Rankin Coffin & Casket Co., High Point, N. C.
Rankin, F., contr., Vermont, Ill.
Rankin, J. H., stone producers, East Long Meadow, Mass.
Rankin, J. J., architect, 1st Natl. Bank bldg, San Francisco, Cal.
Rankin, Jos. H., architect, Braddock, Pa.
Rankin, Kellogg & Crane, architects, 1012 Walnut, Phila., Pa.
Rankin Lumber Co., Henderson, Ky.
Rankin & Ross Co., stone producers, wkrs. & dlrs., 372 Carroll, Brooklyn, N. Y.
Rankin, Wm., stone producers, 286 Commonwealth av, Detroit, Mich.
Rann, Jacob P., & Sons, furn., 1021H Lille av, Chicago, Ill.
Ranney Refrigerator Co., Greenville, Mich.
Ranno-Speirs Co., harness, saddles, etc., 39 High, Boston, Mass.
Ransbottom Bros. Pottery Co., Roseville, Ohio.
Ransom, J. B., & Co., masons' & bldrs.' matls., lumber, Nashville, Tenn.
Ransom, L. E., Co., indigo, tumeric, annatto, etc., 279 Pearl, New York.
Ransom Mfg. Co., motor driven grinding machines, Oshkosh, Wis.
Ransom, Stephen, heating contrs., 401 West, New York.
Ransome Concrete Machy. Co., Dunellen, N. J.
Ranson, Coray B., contractor, Dorranceton, Pa.
Rantin, Samuel J., architect, 1117 Columbus av, Boston, Mass.
Ranwood Lbr. Co., Pickens, W. Va.
Ranz Stamping Tool Co., dies, 1509 N. B'way, St. Louis, Mo.
Rapelye, Geo., mill & facty. supplies, New Britain, Conn.
Raphael, H., Co., plate glass, Los Angeles, Cal.
Rapid Addressing Mach. Co., 46 W. 23d, New York.
Rapid City Packing Co., meat, Rapid City, S. D.
Rapid Evaporating Co., pans, Detroit, Mich.
Rapid Mixer Co., Grand Rapids, Mich.
Rapid Safety Filter Co., 92 Pine, New York.
Rapid Safety Fire Exting. Co., 92 Pine, New York.
Rapid Tap Plug Co., Grand Rapids, Mich.
Rapid Transit Subway Constr. Co., 232 1st av, New York.
Rapids Lumber Co., Ltd., Woodworth, La.
Rapp, A. C., Co., sand & gravel, Phillipsburg, N. J.
Rapp, Alfred, architect, 31 E 8th, Erie, Pa.
Rapp Bros., potteries, Morton, Ill.
Rapp, C. W. & G. L., architects, 190 N. State, Chicago, Ill.
Rapp, F. H., contractor, Rochester, N. Y.
Rapp, Jacob, & Co., masons' & bldrs.' matls., 375 S. High, Columbus, Ohio.
Rapp, I. H. & W. M., & Hendrickson, A. C., architects, Trinidad, Colo., & Santa Fe, N. M.
Rapp & Moller Carriage Co., 2220 Pine, St. Louis, Mo.
Rapp, Philip, hdwe. mfrs., Reading, Pa.
Rappaport, Benj. J., architect, 3643 W 26th, Chicago, Ill.
Rappeport, R. E., traveling bags, 1700 Monroe, N. Chicago, Ill.
Rappleyea, Geo. W., architect, Southport, N. C.
Rappold, Geo. W., architect, 110 W. 40th, New York.
Ragne, Philip E., consulting engineer, 132 Nassau, New York.
Raquet Bros., bags & suit cases, 117 N. J. R. R. av, Newark, N. J.
Rare Metal Products Co., chemicals, Belleville, N. J.
Raritan Chemical Works, 8 W. 40th, New York.
Raritan Copper Works, 42 Broadway, New York.
Raritan Dry Dock Co., machsts., Perth Amboy, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Rasch, C. F., Sons, cornices & skylights, Covington, Ky.
Rasch, T. J., flour mills, St. Florian, Ala.
Rasch's, C. F., Sons, cornices, 1113 Madison av, Cincinnati, Ohio.
Raseman, R. E., architect, Penobscot Bldg., Detroit, Mich.
Raseman & Freier, architects, Penobscot Bldg, Detroit, Mich.
Rasin-Monumental Co., fertilizer mfrs., National Marine Bk. Bldg., Baltimore, Md.
Rasmussel, Chris, contr., 154 W. Randolph, Chicago, Ill.
Rasmussen Charcoal & Fuel Co., St. Paul, Minn.
Rasmussen & Co., glass, Portland, Ore.
Rasmussen-Grace Co., contrs., Dock Bldg., Portland, Ore.
Rasmussen, John, & Sons Co., contractors, Oshkosh, Wis.
Rasmussen, Julius, belting mfr., 111 W. Water, Milwaukee, Wis.
Rasmussen & Wayland, architects, 252 W 46th, New York
Rasner & Dinger Co., cornices & skylights, 850 W North, Pittsburgh, Pa.
Rasp, R. & W., cornices & skylights, Maysville, Ky.
Rassmann, F., Mfg. Co., cattle stanchion pens, Beaver Dam, Wis.
Rast, P. T. & Sons, fruit baskets, Dept. H, Swansea, S. C.
Rast, W. B., & Son, lumber, Swansea, S. C.
Rastetter, Louis, & Sons, wood rims, Ft. Wayne, Ind.
Ratcliffe, Chas. A., sash, door & blind, Cheney, Wash.
Ratcliffe, Griffith, contractor, Camden, N. J.
Ratcliffe, W. H., Jr., architect, Berkely Bldg., Oakland, Cal.
Rate, G. B., & Co., masons' & bldrs.' matls., Dekum Bldg., Portland, Ore.
Rateau Battu Smoot Co., engnrs., 90 West, New York.
Rateau Steam Regenerator Co., 90 West, New York.
Ratermann Bldg & Contrg. Co., 1943 St. Louis av, St. Louis, Mo.
Rath Aluminum & Brass Co., brass castings, New Philadelphia, Ohio.
Rath, Chas. H., Co. See A. I. Mfg. Co. (successor)
Rath, Geo. C., & Sons, meat packers, Dubuque, Ia.
Rath Mfg. Co., soap, Hedley, E. of Richmond, Philadelphia, Pa.
Rath Packing Co., meat, Waterloo, Ia.
Rath, Robert J., contractor, Hoboken, N. J.
Rathbone, A. B. & J., pinion wire, Palmer, Mass.
Rathbone, John S., architect, Mystic, Conn.

Rathbone Mfg. Co., fndrs., Grand Rapids, Mich.
Rathbone, Sard & Co., cooking app. & stoves, Albany, N. Y.
Rathborne, Hair & Ridgeway Co., beer boxes, etc., 2279 S. Union av, Chicago, Ill.
Rathbun & Bird Co., machsts., 8 Dutch, New York.
Rathbun & Co., machsts., 8 Dutch, New York.
Rathbun-Jones Engineering Co., "Rathbun" gas engines, & Price-Rathbun Oil engines, 841 Spencer, Toledo, Ohio.
Rathbun & Kraft Co., sash, door & blind mfrs., Battle Creek, Mich.
Rathbun, P. T., & Co., carriages, Springfield, Ohio.
Rathbun, R. S., contractor, Allentown, Pa
Rathfon Scent & Co., lumber, Barbourville, Ky.
Rathjens & Kupfer, meat packers, 1331 Pacific, San Francisco, Cal.
Rathsack, Wm., & Sons, cornices, Manitowoc, Wis.
Ratliff Pure Food Products Co., canned goods, Ft. Worth, Tex.
Ratner, M., scrap iron & steel, Fall River, Mass.
Rattan & Cane Co., 66 W. Broadway, New York.
Rattan Furniture Mfg. Co., willow ware mfrs., 2648 16th av, W. Seattle, Wash.
Rattan Mfg. Co., rattan & reed furniture, New Haven, Conn.
Rattledge Bone Co., contrs., 58 W. Washington, Chicago, Ill.
RAU APPRAISAL CO., Patton bldg, Milwaukee, Wis., & 1632 Monadnock bldg, Chicago, Ill.
Rau, Conrad B., stone producers, Rockville, Conn.
Rau, Emanuel, paper box machy., 30 Church, New York.
Rau Fastener Co., 102 Westfield, Providence, R. I.
Rau, Hy. M., zinc dust, 130 Pearl, New York.
Rau Perfect Flue Stopper Co., Louisville, Ky.
Raub Supply Co., plumbers', steamfitters' & tinners' supplies, Lancaster, Pa.
Rauch, Hy., & Son, preheaters, Mount Vernon, N. Y.
Rauch Mfg. Co., hose couplings, Galena, Kans.
Rauchbach-Goldsmith Co., trunk mfrs., 79 St. Francis, Newark, N. J.
Raudenbush & Sons Piano Co., St. Paul, Minn.
Rauen, Math., Contractor 111 W. Washington, Chicago, Ill.
Rauh David, pitching machy, 308 Elizabeth av, Newark, N. J.
Rauh, E., & Sons Fertilizer Co., 419 S. Penn, Indianapolis, Ind.
Rauh, Robt., brewers & malsters machy. & supp., 310 Elizabeth av, Newark, N. J.
Raulf (The) Co., contractors, Patton Bldg., Milwaukee, Wis.
Raulf Mfg. Co., motor boat, launch & yacht bldrs., 560 Vedder, Chicago, Ill.
Raup's, H. P., Sons, contractors, Shamokin, Pa.
Rauschenberger, John Co., cordage & twine mfrs., 87 W. Water, Milwaukee, Wis.
Rauscher, E. W., lime, Erin, Tenn.
Rauscher, Fred'k, htg. contr., 1918 Rich. Ter., Port Richmond, N. Y.
Rauskolb, Fred. W., Co., aluminum, gold, silver leaf, 103 Arch, Boston, Mass.
Rautman Plumbing & Heating Co., Seattle, Wash.
Raven Mining Co. of Utah, Marquette Bldg., Chicago, Ill.
Ravenel, Samuel W., architect, Boonville, Mo.
Ravenna Furnace & Htg. Co., fndrs., Ravenna, Ohio.
Ravenna Iron Co., machsts. & fndrs., Ravenna, N. Y.
Ravenna Rubber Co., Ravenna, Ohio.
Ravenswood Co., marble interior wk., Ravenswood, L. I., N. Y.
Ravenswood Office Specialties Co., stationers' specialties, 1800 Newport av, Chicago, Ill.
Ravenswood Paper Mill Co., Ravenswood, Long Island, N. Y.
Ravey, Jos. H., tubular boilers, Oil City, Pa.
Raw Products Co., balata, crude rubber, 80 Wall, New York.
Rawle, M., Co., Inc., furniture tops, 796 7th av, New York.
Rawleigh Mfg. Co., machsts. & frdrs., Freeport, Ill.
Rawleigh, W. T. gas engines, Freeport, Ill.
Rawles, Jas. D., Co., mill & facty. supplies, 74 Pearl, Boston, Mass.
Rawlings Implement Co., agricultural, 11 W. Pratt, Balto., Md.
Rawlings Mfg. Co., sporting & athletic goods mfrs., 23d & Lucas av, St. Louis, Mo.
Rawlins, A. M., masons' & bldrs.' matls., Springfield, Ohio.
Rawlins, H. A., architect, 28 E Alexander, Atlanta, Ga.
Rawlins, H. A., architect, 3 E. 3d av, Rome, Ga.
Rawson, Chas. P., architect, 1504 Farwell av, Chicago, Ill.
Rawson & Evans Co., glass, signs, etc., 710 W. Washington blvd., Chicago, Ill.
Rawson & Green, contractors, 6410 Cottage Grove av, Chicago, Ill.
Rawson, Lorin A., architect, care C. H. Strong Co., 180 N Market, Chicago, Ill.
Ray Bros., machsts. & fndrs., Ashland, Mass.
Ray Cotton Co., cotton waste, Franklin, Mass. (tr.)
Ray, Daisley & Co., metallic window frame & sash, 61 Fulton, Brooklyn, N. Y.
Ray Fabric Mills, horse blankets, Franklin, Mass.
Ray, G. G., & Co., cornices & skylights, Charlotte, N. C.
Ray, Geo. A., Mfg Co., cooking apparatus, water coolers, cuspidors, etc., Buffalo, N. Y.
Ray, Jas., cornices, 2d & Indiana, Philadelphia, Pa.
Ray, L. S. W., masons' & bldrs.' matls., Blairsville, Pa.
Ray, S. W., architect, Jacksonville, Tex.
Ray, W. A., Hardware Co., Pensacola, Fla.
Ray-Wharton Hdwe. Co., Rockford, Ill.
Ray, Wm. A., Jr., mach. & fndr., Auburn, Me.
Ray, Wm. H., printing ink, 735 E. 9th, New York.
Raybestos Co., auto brakes, brake linings, asbestos packing, etc., 1427 Railroad av, Bridgeport, Conn.
Rayborn, J. J., machsts., Concord, Ill.
Raydex Mfg. Co., Inc., light controlling devices, shaft lights, Brackenridge, Pa.
Rayfield, W. A., architect, 105 1st av, S., Birmingham, Ala.
Rayford Co., truck units, 2d & Indiana, Philadelphia, Pa.
Rayl, T. B., Co., whol. hdwe., 236H W. Congress, Detroit, Mich.
Raymer Hardware Co., 58 E. 5th, St. Paul, Minn.
Raymon, David, scrap iron, Toledo, Ohio.
Raymond, A. E., & Co., machsts. & fndrs., Fort Myers, Fla.
Raymond & Alexander Lumber Co., New London, Conn.
Raymond, Alfred J., sash, door & blind, Athol, Mass.
Raymond Bros. Co., contractors, Duluth, Minn.
Raymond Bros. Impact Pulverizer Co., see machsts. & fndrs., 1306 N. Branch, Chicago, Ill.
Raymond Co., pianos, 5213 Windsor av, N. E., Cleveland, Ohio.

RAYMOND CONCRETE PILE CO., 140 Cedar, New York
BRANCH OFFICES:
Atlanta, Ga., Atlanta Builders' Exchange.
Baltimore, Md., 921 Munsey bldg.
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Chicago, Ill., 111 W. Monroe.
Cleveland, O., 503 Union bldg.
Detroit, Mich., 406 Empire bldg.
Kansas City, Mo., 615 American Bank bldg.
Norfolk, Va., 330 Law bldg.
Philadelphia, Pa., Franklin Trust bldg.
Pittsburgh, Pa., 1102 Union Bank bldg.

Raymond Engng. Corpn., special machy., 309 Lafayette, New York
Raymond, Everett, contr., Glenbrook, Conn.
Raymond, F. B., contractor, Port Jervis, N. Y.
Raymond Foundry & Machine Co., Raymond, Wash.
Raymond, G. B., & Co., masons' & bldrs.' matls., 293 Borden av, Long Island City, N. Y.
Raymond Granite Co., 3 Potrero av, San Francisco, Cal.
Raymond Heating Co., Springfield, Mo.
Raymond Lead Wks., 735 S. Washtenaw av, Chicago, Ill.
Raymond Lumber Co., Raymond, Wash.
Raymond Mfg. Co. (Ltd.), springs, Corry, Pa.
Raymond Mfg. Co., laundry machy. & sterilizing apparatus, Saugatuck, Conn.
Raymond Porch Shade Co., H, McKey blvd, Janesville, Wis.
Raymond Rubber Co., scrap reclaimed rubber, Titusville, N. J.
Raymond Stone Co., Los Angeles, Cal.
Raymond, W. S., pulley covering, Dept. H, Niles, Mich.
Rayner, Geo., & Son, archts., 13 Warburton av, Yonkers, N. Y.
Rayner, J., Co., lbr. mfrs., 142 Goerck, New York.
Rayner & Parker, lbr. mfrs., Commercial Trust Bldg., Phila., Pa.
Raynor, A., masons' & bldrs.' matls., Catskill, N. Y.
Raynor & Perkins Envelope Co., 220 William, New York.
Rayo Incubator Co., Omaha, Neb.
Rayon Rubber Co., Ravenna, Ohio
Rayson, Chas. H., architect, Reliance Bldg., Kansas City, Mo.
Razall, H. G., Mfg. Co., loose leaf devices, 300 7th av, Milwaukee, Wis.
Razorine Mfg. Co., 335 B'way, New York.
R. C. H. Corp, storage battery trucks, 33 Woodbridge E., Detroit, Mich.
Rea, John J., masons' & bldrs.' matls., Clarington, Ohio.
Rea & Page Milling Co., flour, Marshall, Mo.
Rea & Read Mill & Elevator Co., feed, Tulsa, Okla.
Reaburn, J. H., canned goods, Nace, Va.
Reach, A. J., Co., sporting goods mfrs., Tulip & Palmer, Philadelphia, Pa.
Reach, A. L., Textile Co., tarpaulins, 29 W. Houston, New York.
Reach, Herman & Co., Inc., burlap imp., 71 Broadway, New York
Read, A. P., Co., hdwe. mfrs., 568 W. Washington, Chicago, Ill.
Read Bros. Co., ship bldrs., Fall River, Mass.
Read, Chas., sash, door & blind mfr., 406 W. 30th, New York.
Read, Chas. H., brick, Oakland City, Ind.
Read, Chas., & Sons, contrs., 175 W. Jackson, Chicago, Ill.
Read-Coddington Engineering Co., Niagara Falls, N. Y.
Read, D. A., lbr., Eoline, Ala.
Read Dresser Engng. Co., industrial engineers, 149 B'way, New York
Read, Edward B., boiler compounds, 212 9th, San Fran., Cal.
Read, Geo. H., & Bros., cornices & skylights, Bloomington, Ill.
Read, J. G., & Bros. Co., harness, saddles, etc., Ogden, Utah.
Read Machinery Co., bakers' machy., York, Pa.
Read, O. B., Mfg. Co., hdwe. mfrs., Troy, N. Y.
Read Phosphate Co., fertilizer, Nashville, Tenn.
Read Safety Gate Co., auto. elev. gates, 418 N. Paca, Baltimore, Md.
Read, Wm., & Sons, duck decoys, 364 Washington, Boston, Mass.
Reade & McKenna, lawn & park sprinklers, 614 60th, Brooklyn, N. Y.
Reade Mfg. Co., soldering flax, paste, salt & sticks, Hoboken, N. J.
Reade Tool & Machine Co., 8 Reade, New York
Readen, Jos. M., architect, 2968 Whiting, Detroit, Mich.
Reader Bros. & Hoffman, tubular boilers, Tyrone, Pa.
Reader, John B., windmills, Delavan, Wis.
Reading Abbattoir Co., meat packers, Reading, Pa.
Reading Bone Fertilizers Co., Reading, Pa.
Reading Brass Works, castings, Reading, Pa.
Reading Broom Co., Blandon, Pa.
Reading Car Wheel Co., Buffalo, N. Y.
Reading Chain & Block Corporation, hoist mnfrs., crane & block chains, Reading, Pa. *See adv. index at end of book*
Reading Chandelier Works, Reading, Pa.
Reading Chemical Mfg. Co., dyes, drugs, etc., Reading, Pa.
Reading Contr. Co., Reading, Pa.
Reading Cycle Mfg. Co., Reading, Pa.
Reading Engineering Wks., machinists' & mfrs.' agents, 116 Washington, Reading, Pa.
Reading Fire Brick Wks., Reading, Pa.
Reading Foundry & Supply Co., plumbers' supplies, Reading, Pa.
Reading Glass Wks., Reading, Pa.
Reading Hardware Co., hardware mfrs., Reading, Pa.
Reading Heater & Supply Co., Reading, Pa.
Reading Iron Co., Baer Bldg., Reading, Pa.
Reading Lime Co., Reading, Pa.
Reading Lumber Co., Reading, Pa.
Reading Mfg. Co., ladders, Akron, Ohio.
Reading Paper Mills, Reading, Pa.
Reading Ribbon Badge Co., 11th & Spruce, Reading, Pa.
Reading Rubber Mfg. Co., Reading, Mass.
Reading Saddle & Mfg. Co., Reading, Pa.
Reading Sand Co., Bridgeton, N. J.
Reading Scale & Machine Co., Reading, Pa.
Reading Screw Co., Norristown, Pa.
Reading Shale Brick Co., Reading, Pa.
Reading Specialties Co., rail benders, clamps, joints, etc., Reading, Pa.
Reading Standard Co., motor cycles, Reading, Pa.
Reading Steam Heat & Power Co., Reading, Pa.
Reading Steel Casting Co., Reading, Pa.
Reading Stove Works, Reading, Pa.
Reading Valve & Fittings Co., Reading, Pa.
Reading Wood Pulley Co., Reading, Pa.
Readings Castings Co., Reading, Pa.
Readograph Adv. Co., Inc., spec., 214 S. 12th, Phila, Pa.
Readon Bros. & Co., heaters, Lynn, Mass.

Readrite Meter Wks., ammeters, Bluffton, Ohio.
Readsboro Chair Co., furniture—schools, church, **Readsboro, Vt**
Ready Built Home Co., bungalows & garages, Mystic, Conn.
Ready-Made Sign Co., signs, 16 W. 36th, New York
Ready Mfg. Co., stamping & yarn printing machs., **Troy, N. Y.**
Ready Tool Co., lathe tool dogs & center grinders, mfrs., Bridgeport, Conn.
Reagal & S. F. & N. Tracks, sash, door & blind, mfrs., **Spokane**, Wash.
Reagan & Lynch, contractors, Uniontown, Pa.
Realty Iron Wks. Co., 331 E. 82d, New York.
Realty Rubber Co., Massillon, Ohio.
Ream, A. B., brick, River Styx, Ohio.
Ream, J. A., contr., Galesburg, Ill.
Ream-McBee Co., granite, Barre, Vt.
Reams & Co., furn., Dept. H, Lynchburg, Va.
Reaney & Eliason, masons' & bldrs.' matls., **Columbus Junction**, Ia.
Reardon & Beckwith Merc. Co., cornices & skylights, **Midland**, Mich.
Reardon Glue Mfg. Co., vegetable glue, 2d & Clinton, **St. Louis**, Mo.
Rearaon, J. J., auto. tops, **Amesbury**, Mass.
Reardon, John, & Sons Co., oils, soap, sal-soda, etc., **Cambridge**, Mass.
Reardon Paint Co., kalsomines, etc., 2d & Clinton, Cleveland, O.
Rearwin, W. D., die filing machy., Grand Rapids, Mich.
Reason, J. D., Co., contractors, Pendleton, Ind.
Reaugh Constr. Co., 2835 E. 51st, Cleveland, Ohio.
Reavis, Albert S., Sheet Metal Cornice Co., 719 2d, N. E., Washington, D. C.
Rebari, A. M., architect, 410 S. Michigan av, Chicago, Ill.
Rebecka & Smith, auto. tops, Cleveland, Ohio.
Rebele, L. J., lead hammers, Church & Fulton, New York.
Reber, A. C., canned goods, Ridgely, Md.
Reber, Calvin P., roller bearings, Reading, Pa.
Reber Preserving Co., Eola, Ill.
Rebhun Last Co., 1728 Dana av, Cincinnati, Ohio.
Rebori, A. N., architect, 30 N. Michigan av, Chicago, Ill.
Rebsamen & Almeroth, machsts., 2324 Elston av, Chicago, Ill.
Rebuilt Typewriter Co., machsts., 138 S. Wabash av, Chicago, Ill.
Rech-Marbaker Co., wagon bldrs. & auto bodies, Dept. H, 8th & Girard av, Phila., Pa.
Rechtin, Louis E., & Bro., machsts., 215 Butler, Cincinnati, O.
Rechtin, Theo. E., masons' & bldrs.' matls., Evansville, Ind.
Reckmeyer, W. R., sashes, doors & blinds, Fremont, Neb.
Reckitts (U. S. A.) Ltd., bluing, 90H W B'way, New York
Reckord Bros., canned goods, Bel Air, Md.
Record Fdry. & Mach. Co., Livermore Falls, Me.
Record & Guide, trade publications, 119 W 40th, New York
Recording & Computing Machines Co., Dayton, Ohio.
Recording Devices Co., time recorders, Dayton, O.
Records, E. M., Co., canned gds., Forest, Del.
Records, Francis B., Jr., archt., 220 Devonshire, Boston, Mass.
Records, W. T., & Son, flour mills, Laurel, Del.
Rectigraph Co., photo. copying machs., Rochester, N. Y.
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Rector Brick Co., Rector, Ark.
Rector Chemical Co., Inc., 2 Rector, New York
Rector & Hdwe. Spec. Mfg. Co., show case corner braces, 22d & Western av, Chicago, Ill.
Rector Milling Co., flour, Rector, Ark.
Red Apple Orchard Corp., canned, Shipman, Va.
Red Bank Mills, flour, New Bethlehem, Pa.
Red Buttes Cement & Plaster Co. See Colorado Portland Cement Co. (successor).
Red "C" Oil Mfg. Co., lubrg., Keyser Bldg., Baltimore, Md.
Red Chief Mfg. Co., feed mills, corn shellers, Louisville, Ky.
Red Cliff Lbr. Co., Duluth, Minn.
Red Creek Canning Co., Red Creek, N. Y.
Red Cross Filter Co., water filters, 186 W. Washington, Chicago, Ill.
Red Cross Mfg. Co., machinists & founders, Bluffton, Ind.
Red Diamond Lumber Co., 1200 Central av, Minneapolis, Minn.
Red Hand Compositions Co., Inc., paint manfrs., 1 B'way, New York
Red Jacket Mfg. Co., machinists & founders, Davenport, Ia.
Red Key Tile Brick & Bldg. Block Co., Red Key, Ind.
Red King Co., machinists & founders, Wauseon, Ohio.
Red Lion Cabinet Co., furniture, Dept. H, Red Lion, Pa.
Red Lion Furn. Co., Dept. H, Red Lion, Pa.
Red Oak Bridge & Iron Works, Red Oak, Ia.
Red Oak Canning Co., Red Oak, Ia.
Red River Iron Works. See Red River Co. (successors)
Red River Lumber Co., 807 Hennepin av, Minneapolis, Minn.
Red River Oil Co., Alexandria, La.
Red River Valley Brick Corp., Grand Forks, N. D.
Red Star Lumber Co., Ltd., Mayna, La.
Red Star Spoke Co., Fayetteville, Ark.
Red Top Steel Post Co., fences, posts, etc., 215 N Michigan av, Chicago, Ill.
Red Wing Filter Sand Co., Red Wing, Minn.
Red Wing Linseed Co., Red Wing, Minn.
Red Wing Mfg. Co., bedsteads, Red Wing, Minn.
Red Wing Milling Co., flour, feed, Red Wing, Minn.
Red Wing Motor Co., Red Wing, Minn.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Redbird, Simon, architect, Genoa, Neb.
Redden Construction Co., New London, Conn.
Redden, G. T., & Co., canned goods, Denton, Md.
Redden Motor Truck Co., Inc., 676 Woodward av, Detroit, Mich. & 2337 S. Mich. av, Chicago, Ill.
Reddick, T. T., & Son, contractor, Fort Smith, Ark.
Reddin Iron Wks., founders, Syracuse, N. Y.
Redding Home Furn. Co., Dept. H, Redding, Calif.
Redding, Vernon, architect, Mansfield, Ohio.
Redding, Wm., & Son, architects, Opera Hse. Bldg., Denver, Colo.
Reddinger, P. H., Mfg. Co., classic wood carvers, Evansville, Ind.
Reddy's, M., Sons, machinists & founders, Little Falls, N. Y.
Reder Fdry. Co., 3536 S. Oakley av, Chicago, Ill.
Rederer, B. S., Co., power plant equipmt., 1405 Arrot bldg, Pittsburgh, Pa.
Redfield Brick & Tile Wks., Redfield, Ia.
Redfield & Davis, masons' & bldrs.' matls., Eden, N. Y.
Redfield, Henry W., architect, 114 E 28th, New York
Redfield, Henry W., architect, Tenafly, N. J.
Redfield, Robert S., packing house machinery, 327 So. La Salle, Chicago, Ill.

Bedford Brick Works, Manchester, Va.
Redhead, F. A., contractor, Toronto, Ohio.
Redick, Jos. H., machinist, Spencerville, Ohio.
Redifor Rod & Reel Co., Warren, Ohio.
Redin Ekstrom & Co., cabinet clamps machy, Rockford, Ill.
Redin, John E., machinist & founder, Rockford, Ill.
Reding & Howard, landscape architects, 11 E. Lexington, Baltimore, Md.
Redinger, S. G., & Sons, lumber, Templeton, Pa.
Redington, F. B., Co., flue cutters, counting machines, etc., 112 S. Sangamon, Chicago, Ill.
Redington Hub Co., Robys Corner, N. H.
Redlands Fruit Assn., fertilizer mfrs., Redlands, Cal.
Redlich Mfg. Co., wooden faucets, barrel bungs, cards, brewers' & cider makers' shavings, 637 to 647 W. Oak, Chicago, Ill.
Redlinghouse, J., brass & composition fndrs., Newark, N. J.
Redlon, N. E., Co., bldg. contractors, Portland, Me.
Redman & Co., brick, Cynthiana, Ind.
Redman, H. E., architects, 1196 Innis Court, Louisville, Ky.
Redman & Maher, architects, Great Bend, Kan.
Redman, Wm., lumber, Glasgow, Ky.
Redmanol Chem. Products Co., fume proof paints, 636 W. 22d, Chicago, Ill.
Redmon, Edgar & Redmon, dishwashing mach., Cedar Rapids, Iowa.
Redmon, T. F., flour mills, Mooleyville, Ky.
Redmon, W. C., Sons & Co., fruit packages, Peru, Ind.
Redmond, A., carriages, Harrisburg, Pa.
Redmond, B. V., & Son, cornices, 309 Decatur, New Orleans, La.
Redmond Engng. Co., auto. crankshafts, Drexel Bldg., Phila., Pa.
Rednall, W. W., contr., 110 Jessie, San Francisco, Cal.
Redtop Electric Co., heaters & toasters, 8 W. 19th, New York
Redwing Mfg. Co., furn., Dept. H, Redwing, Minn.
Redwine Brothers, fertilizer, Fayetteville, Ga.
Redwood Export Co., lumber, 260 California, San Francisco, Cal.
Redwood Mfrs. Co., Hobart Bldg., San Francisco, Cal.
Redwood Mfrs. Co., Redcedar wood, Oakland, Cal.
Redwood Shingle Assn., Eureka, Cal.
Reeb Bros., masons' & bldrs.' matls., Belleville, Ill.
Reeb & Dinkins, sash, door & blind mfrs., L. I. R. R. & Dry Harbor rd, Brooklyn, N. Y.
Reeb, M. A. Corp., masons' & bldrs,' matls., 599 Michigan av, Buffalo, N. Y.
Reeber's, Jos., Sons Co., bldg., materials, Canal pl. & 138th, New York.
Reece Buttonhole Mach. Co., 502 Harrison av, Boston, Mass.
Reece & Crittenden Co., advtg. counsellors, Cleveland, Ohio.
Reece, E. G., Canning Co., Waldron, Ind.
Reece Folding Mach. Co., 502 Harrison av, Boston, Mass.
Reed, A. S., & Bro. Co., contractors, Wilmington, Del.
Reed advg. Co., spec., Portland, Ore.
Reed, Allen & Reed, stone producers, Albion, N. Y.
Reed & Barton Corp., machsts. & fndrs., Taunton, Mass.
Reed Bros., stone producers, Birmingham, Ala.
Reed Bros. Lbr. Co., Ruston, La.
Reed, C. D., canned goods, Troutville, Va.
Reed, C. R., cornices & skylights, Kent, Ohio.
Reed, Chas. M., brick, Pennsburg, Pa.
Reed Coal Co., masons' & bldrs.' matls., Fair Haven, Vt.
Reed Co., Inc., bicycle carriers, Palo Alto, Cal.
Reed & Corlett, architects, Oak Bk. of Sav., Oakland, Cal.
Reed & Curtis Mach. Screw Co., Worcester, Mass.
Reed & Duecker, mill & facty. supplies, Memphis, Tenn.
Reed, E. L., architect, 20 Irwin av, Boston, Mass.
Reed, E. L., Mfg. Co., Christmas tree holders & display racks, Sterling, Ill.
Reed, Earl H., architect, 175 W Jackson blvd, Chicago, Ill.
Reed, Edw. E., traveling bags, Somerville, Mass.
Reed, F. E., Glass Co., Rochester, N. Y.
Reed Foundry & Machine Co., Kalamazoo, Mich.
Reed, Francis, Co., drilling machines, Worcester, Mass.
Reed-French Piano Mfg. Co., Portland, Ore.
Reed, Geo. A., & Son, machsts. & fndrs., Gloucester, Mass.
Reed, Geo. F., architect, Holland Bldg., Springfield, Mo.
Reed, Geo. W., & Son, organs, West Boylston, Mass.
Reed Hardware & Mfg. Co., Cairo, Ill.
Reed, Harry D., contrs., Schuylkill Haven, Pa.
Reed, L. M., barrel heading machinery, Cleveland, Ohio.
Reed Mfg. Co., kitchen enameled ware mfrs., Newark, N. Y.
Reed Mfg. Co., bench vises & pipe tools, Erie, Pa.
Reed Mfg. Co., rug looms, Springfield, Ohio.
Reed Oil Co., lubricating, Atlanta, Ga.
Reed Prentice Co., drilling machines & lathes, 677 Cambridge, Worcester, Mass.
Reed & Prince Mfg. Co., bolts, nuts, screws, Worcester, Mass.
Reed, R. H., & Bro., brick, Hightstown, N. J.
Reed & Rish, contrs., Marion, Ind.
Reed & Rogers Mfg. Co., agricultural implements, Vernon, Ind.
Reed & Sherwood Mfg. Co., wood tanks, Anoka, Minn.
Reed Small Tool Wks., Worcester, Mass.
Reed & Sons Piano Mfg. Co., 28 E. Jackson blvd., Chicago, Ill.
Reed & Steeger Sash & Door Co., 4211 Chippewa, St. Louis, Mo.
Reed Stone Co., Bedford, Ind.
Reed & Vendret, granite, S. Quincy, Quincy, Mass.
Reed Wire Specialties Co., Inc., concrete reinforcing materials, 419 E. 162d, New York.
Reed, Wm., architect, 1617 Enderly pl, Fort Worth, Tex.
Reed, Wm. T., Co., concrete steel constr., 201 Devonshire, Boston, Mass.
Reeder, A. J., contr., 110 Jessie, San Francisco, Cal.
Reeder, Jno. S., paint mfr., Hamilton, Ohio.
Reeder, Oliver & Son, dry docks, Key Highway & Covington, Baltimore, Md.
Reed's, C. H., Sons, meat packers, 185 1st av, New York.
Reedsburg Canning Co., Eau Claire, Wis.
Reedy, D. V., Elev. Co., 1026 Kentucky av, Indianapolis, Ind.
Reedy Elevator Co., Hoboken, N. J.
Reedy Fndry. Co., 4600 Iowa, Chicago, Ill.
Reedy, H. J., Elevator Co., 15 W. 2d, Cincinnati, Ohio
Reedy Mill Co., flour, Reedy, W. Va.
Reeger, Ed., contractor, Trenton, N. J.
Reely, T. W., architect, Fort Dodge, Ia.
Rees & Co., machsts., 220 E. 86th, New York.
Rees, Cyrus B., heating contractor, 1322 14th, N. W., Washington, D. C.
Rees', Hans, Sons, leather belting butts, 39 Frankfort, New York.
Rees, Jas., & Sons Co., tubular boilers, 18 4th, Pittsburgh, Pa.
Rees Mfg. Co., jacks, 7501 Thomas blvd, Pittsburgh, Pa.

Rees-Scott Co. (Ltd.), lumber, 911 Hibernia bldg., New Orleans, La.
Rees, Taylor & Co., Inc., contrs., Trenton, N. J.
Reese & Bro., rural mail boxes, Rolling Prairie, Ind.
Reese-Corriher Lbr. Co., Connell, Texas.
Reese, E. C., canned goods, Harrington, Del.
Reese, F. W., broom corn cleaners, machsts. & fndrs., Paris, Ill.
Reese, Hiram, contractor, Punxsutawney, Pa.
Reese, S. P., & Co., Harrington, Del.
Reese, S. W., & Co., steel stamps, stencils, 44 Vesey, New York.
Reese, Sephaniah, machst., Plymouth, Pa.
Reese-Sheriff Lumber Co., Williamsport, Pa.
Reese, W. J., Brass Fndry Co., Keokuk, Iowa.
Reetz, Ewald R., hair cloth mfr., Hulmeville, Pa.
Reetz, R. C., Co., cornices, Pawtucket, R. I.
Reeve, Abner S., & Sons., masons' & bldrs.' matls, 88 Front, Newark, N. J.
Reeve, Augustus, brick, Maple Shade, N. J.
Reeve & Burr, contractors, Morristown, N. J.
Reeve, H. Edward, architect, Prudential Bldg., Newark, N. J.
Reeve, Hy. E., machsts. & fndrs., 459 Carroll, Brooklyn, N. Y.
Reeve, Wm. D., contractor, Englewood, N. J.
Reeve, Wm. K., contractor, 826 19th, N. W., Washington, D. C.
Reeves Bros. Co., steel plate construction, etc., Alliance, Ohio
See adv. index at end of book
Reeves Co., paint mfrs., 805 Howard, New Orleans, La.
Reeves, Chas. S., machsts. & brass frdrs., Horseheads, N. Y.
Reeves-Cubberly Engine Co., machsts., Trenton, N. J.
Reeves. Frank, brick, New Albany, Miss.
Reeves, Geo. H., pack'g box mfrs., 290 Greene, Brooklyn, N. Y.
Reeves, H. Alban, architect, Cham. of Com. Bldg., Los Angeles, Cal.
Reeves, Hubert E., architect, 103 Park av, New York
Reeves, Jas. M., machsts., Alexandria, Ind.
Reeves Marble Co., Atlanta, Ga.
Reeves Mfg. Co., mitre scales, models & experimental wks., Milford, Conn.
Reeves Mfg. Co., stove pipe & elbow mfrs., Dover, Ohio.
Reeves, Mark B., contractor, Wildwood, N. J.
Reeves, Paul S., & Co., bearings, bushings, castings, rods, etc., 1415 Catharine, Philadelphia, Pa.
Reeves Pulley Co., machs. & fndrs., Columbus, Ind.
Reeves & Ramsey, architects, Putnam Bldg., Davenport, Ia.
Reeves, S. V., heaters, 45 N. 2d, Philadelphia, Pa.
Reeves, Sexton Auto Co., Columbus, Ind.
Reeves & Skinner Machy Co., machry. dlrs., 2211 Olive, St. Louis, Mo.
Reeves, Stacy & Sons, contractors, 2011 Market, Phila., Pa.
Reeves Supply Co., plumbers' & steam fitters' supplies, 1304 McGee, Kansas City, Mo.
Reeves, T. C., contrs., Odd Fellow bldg, St. Louis, Mo.
Reeves, T. J., & Co., fertilizer, Thomaston, Ga.
Reeves, Wm. C., architect, 145 N Jefferson, Peoria, Ill.
Reeves, W. H., & Co., contractors, Greenport, N. Y.
Refiners Engineering & Supply Co., fullers earth, 39 S. La Salle, Chicago, Ill.
Refinite Co., water softeners, Omaha, Neb.
Reflectolyte Co., electric light fixtures, 914 S. Pine, St. Louis, Mo.
Reflector & Hdwe. Specialty Mfg. Co., 2235 S. Western av, Chicago, Ill.
Reflex Ignition Co., spark plugs, 1708 Payne av, Cleveland, Ohio.
Refior, David, mill & facty supplies, Ottawa, Ill.
Refractory Materials Co., fire resisting cements, 30 Church, New York
Refrigerating World, trade publication, 233 Broadway, Woolworth Bldg., New York
Refrigerating, X. L. Co., 5840 S. Honore, Chicago, Ill.
Refuge Cotton Oil Co., Vicksburg, Miss.
Regal Belting Co., 2520 Spring Grove, av, Cincinnati, Ohio.
Regal Gasoline Engine Co., Coldwater, Mich.
Regal Motor Car Co., 216 Piquette, Detroit, Mich.
Regal Silver Mfg. Co., New Haven, Conn.
Regan & Weller, architects, Bank of Com. Bldg., Memphis, Tenn.
Regar Brass Mfg. Co., machsts. & fndrs., 1523 E. 45th, Cleveland, Ohio.
Regelmann, Henry, architect, 147 4th av, New York.
Regenbogen, Philip, trunk mfrs., 736 South, Philadelphia, Pa.
Regenstein-Veeder Co., cardboard, 1326 N. Halsted, Chicago, Ill.
Regent Brass Co., Marysville, Ohio.
Regent Stove Co., fndrs., Wyandotte, Mich.
Reger, H. P., & Co., heating contrs., 5512 Lake Pk. av, Chicago, Ill.
Regina Co., machts., 47 W. 34th, New York.
Regina Co., pianos, Rahway, N. J.
Regina Flour Mill Co., St. Louis, Mo.
Regina Swimming Devices & Nov. Co., 22 E. 21st, New York.
Regnall, B. J., Co., contractors, 19 S. La Salle, Chicago, Ill.
Rehberger Mfg. Co., advtg. novelties, 548 Webster av, Chicago, Ill.
Reheis Bros., pearl buttons, Newark, N. J.
Rehfuss, Geo., & Sons, machsts., 1311 Carlisle, Phila, Pa.
Rehfuss, Martin, Jr., harness mfrs., Indianapolis, Ind.
Rehkopf Bros., carriages, Topeka, Kans.
Rehkopfs Mattress Co., Texarkana, Tex.
Rehm & Co., flag mfrs., tents, 214 Washington, New York.
Rehm Hardware Co., whol. hdwe. & screw drivers, 1501 Blue Island av, Chicago, Ill.
Rehman, August, architect, Bridgeville, Pa.
Rehoboth Packing Co., Rehoboth Beach, Del.
Rehtz, F. C., carriages, Rochester, N. Y.
Reich, John, heating contr., 623 Clark, Milwaukee, Wis.
Reich, V. E., green house bldrs. & materials, sash, door & blind mfrs., 1429 Metropolitan av, Brooklyn, N. Y.
Reichard-Coulston Co., color imp. etc., 303 5th av, New York
Reichard, F. A. See Reichard & Coulston Co. (successors)
Reichard Supply Co., plumbers' supplies, Hagerstown, Md.
Reichardt, F. A., & Co., surgical instruments & safety razors, mfrs., 83 Barclay, New York.
Reichardt Piano Co., 1311 Milwaukee av, Chicago, Ill.
Reichel & Drews, machsts, 559 W. Lake, Chicago, Ill.
Reichenbach-Wickenhiser Co., whol. hdwe., Huntington, Ind.
Reichert Cedar Co., lbr. mfrs., Anacortes, Wash.
Reichert Mfg. Co., concrete forms, 1440 Booth, Milwaukee, Wis.
Reichert, N., contrs., Racine, Wis.
Reichhelm, E. P. & Co., Inc., sandblast machs., 24 John, New York.
Reichley Bros. & Co., lumber, St. Clair, Pa.
Reick, Karl, machsts. & brass fndrs., Veedum, Wis.
Reid, A. H., Creamery & Dairy Supply Co., 69th & Haverford, Philadelphia, Pa.
Reid, A. P. (Est.), sash, door & blind, Parkesburg, Pa.
Reid, A. S., & Co., masons' & bldrs.' matls, 786 Broad, Newark, N. J.
Reid, Alex., & Co., tubular boilers, 165 Charles, New York.
Reid-Avery Co., welding wire, 1434 Brandywine, Phila., Pa.
Reid Brass Mfg. Co., bath, supply & waste fittings, 595 Kent av, Brooklyn, N. Y.
Reid Bros., architects, 105 Montgomery, San Francisco, Cal., &-129 W. 3d, Los Angeles, Cal.
Reid Bros., hospital furniture, surgical instruments & glassware, 585 Mission, San Francisco, Cal.
Reid Bros. Co., gauges & surface grinders, Beverly, Mass.
Reid Bros. Co., tubular boilers, Bellingham, Wash.
Reid Bros., hospital furniture, Seattle, Wash.
Reid Co., cornices, Moline, Ill.
Reid, Francis W., architect, 1725 6th av, Oakland, Cal.
Reid, Fred, stone prod., Rockford, Ill.
Reid Geisler Mfg. Co., humidifiers, 5237 Ravenswood av, Chicago, Ill.
Reid, Geo. B., architect, Henry Bldg., Seattle, Wash.
Reid, J. B., architect, Alexandria Bay, N. Y.
Reid, J. E., Instrument Co., Inc., dental & optical instruments, 408 N. 12th, Philadelphia, Pa.
Reid, J. H., & Son, contractors, 1057 12th, Detroit, Mich.
Reid, Jas. M., contractor, Mount Vernon, N. Y.
Reid, John & Co., naval architects, 30 Church, New York
Reid, Jno., Jr., architect, 1st Nat. Bk. Bldg., San Francisco, Cal.
Reid, Jno. L., heating contr., 356 Mulberry, Newark, N. J.
Reid, Jos., Gas Engine Co., Oil City, Pa.
Reid Lbr. Co., Selma, Ala.
Reid, M., & Co., contractors, 114 W. 39th, New York.
Reid Merritt J., archit., Pacific bldg, San Francisco, Cal.
Reid, Murdoch & Co., canned goods, Clark St. Bridge, Chicago, Ill.
Reid, Neil, architect, 92½ N. Forsyth, Atlanta, Ga.
Reid-Palmer Constr. Co., 30 E. 42d, New York.
Reid Portable Oven Co., 617 Main, Buffalo, N. Y.
Reid, R. W., machst. & fndrs., 595 Kent av, Brooklyn, N. Y.
Reid, Robt., machst., 71 Laurel, Philadelphia, Pa.
Reid, Sidney, carriages, Marlboro, N. J.
Reid, W. W., Mfg. Co., metal polish, 17 Caldwell, Boston, Mass.
Reid, Wm. B., architect, 280 High, Holyoke, Mass.
Reid, Wm. E., contrs., Decatur, Ill.
Reid, Wm. G., & Co., parquet floors, 16 W. 47th, New York.
Reid, Wm. W., harness leather, 235 W. Lake, Chicago, Ill.
Reidenbach, R. P., flour mills, Ashtabula, Ohio.
Reidenouer & Erickson, contractors, 535 E. 47th, Chicago, Ill.
Reidpath, Robt. J. & Son, architect, Mutual Life bldg, Buffalo, N. Y.
Reidy, Jno. J., linemen's climbers, New Haven, Conn.
Reidy Machine Screw Co., New Haven, Conn.
Reidy, M. J., architect, Albany, Ga.
Reidy & Kelly, mason bldrs., Naugatuck, Conn.
Reif Anton, architect, 5134 Sunset blvd, Los Angeles, Cal.
Reif, H. A., cornices, Glendale, Cal.
Reiff, D. T., carriages, Kokomo, Ind.
Reiff & Nestor, screw taps, Lykens, Pa.
Reiger, Harry J., architect, Booth bldg, Springfield, Ill.
Reiges, Tobis B., mchsts., Pottstown, Pa.
Reighard Lbr. Co., Swannanoa, N. C.
Reiland Packing Co., meat packers, Grand Rapids, Wis.
Reiley, Robt. J., architect, 477 5th av, New York.
Reilley Bros. Ladder Co., 324 W. 41st, New York.
Reilly, A. E., roll grinding & corrugating, 179 Eagle, Buffalo, N.Y.
Reilly, Austin L., architect, Bennett Bldg., Wilkes-Barre, Pa.
Reilly Bros. & Raub, masons' & bldrs.' matls., who. hdwe., mill & facty. supplies, Lancaster, Pa.
Reilly-Callaghan Coal & Coke Co., bituminous, Uniontown, Pa.
Reilly Co., insecticides, floor oils, paint & wood preservatives, Indianapolis, Ind.
Reilly, Cornelius M., contrs., Wilkes-Barre, Pa.
Reilly, Daniel, htg. contr., North Yakima, Wash.
Reilly, Dennis E., architect, Derby, Conn.
Reilly Engineering Co., heating contrs., College Point, N. Y.
Reilly, Frank X., architect, Pottsville, Pa.
Reilly, Hugh, Co., paint, oils & glass wholesale, 1334 New York av, N. W., Washington, D. C.
Reilly, J. E., Stone Co., 10 Riverside av, Newark, N. J.
Reilly, J., Jr., cornices, Bridgeport, Conn.
Reilly, John, patent leather, 40 Av. C, Newark, N. J.
Reilly & Lathrop, masons' & bldrs.' matls., Northfield, Minn.
Reilly & Manz, bed springs, 192 R. R. av, Jersey City, N. J.
Reilly, Martin B. Co., Inc., grain dryers, 9 S. Clinton, Chicago, Ill.
Reilly, Paul C., architect, 749 5th av, New York
Reilly, P., & Son, patent leather, Passaic av, Newark, N. J
Reilly, Peabody Fuel Co., whol. coke, 1607H Oliver bldg, Pittsburgh, Pa.
Reilly Steam Pump Works, Louisville, Ky.
Reilly, Thos., contractor, 1616 Thompson, Philadelphia, Pa.
Reilly, W. W., & Bro., lumber, Brisbane Bldg., Buffalo, N. Y.
Reily, A. E., architect, Eau Claire, Wis.
Reily, Solon L., architect, 112 W. Adams, Chicago, Ill.
Reiman, G. E. & E. E. Co., contractors, Nap av & Pitt, New Orleans, La.
Reiman Lime & Cement Co., masons' & bldrs.' matls., Terre Haute, Ind.
Reimar, C. F., & Co., contractors, Marshalltown, Ia.
Reimard Bros., contractors, Bloomsburg, Pa.
Reimer, architect, Marshalltown, Ia.
Reimer, Jno. B., masons' & bldrs.' matls., Ozone Park, N. Y.
Reimer, Louis A., heating contr., 650 3d, Milwaukee, Wis.
Reimers-Kaufman Co., stone—artificial bldg., Lincoln, Neb.
Reimers Mfg. Co., elec. sad irons, 517 W. 45th, New York.
Reimers, Peter A., cornices & skylights, Davenport, Ia.
Reinbold, Ernst, brick, Sebewaing, Mich.
Reinbold, Jos., Bronze Co., fndrs., Newark, N. J.
Reinbold Mfg. Co., fruit parers, 139 Beaubier, Detroit, Mich.
Reineke-Wagner Pump & Supply Co., mill & facty. supplies, 416 1st av, Pittsburgh, Pa.
Reinemund Hardware Co., Audubon, Ia.
Reinert Bros. Constr. Co., St. Joseph, Mo.
Re-Inforced Concrete Co., Arcade bldg, St. Louis, Mo.
Reinforced Concrete Roof Co., Youngstown, Ohio.
Reinforced Rail Joint Co., Syndicate Trust Bldg., St. Louis, Mo.
Reinhardt, Adolph, contractors, Terre Haute, Ind.
Reinhardt Bros., contractors, 645 5th av, New York.

Reinhardt, C. H., contractor, 436 20th, Milwaukee, Wis.
Reinhart & Donovan Co., steel structural work, Oklahoma, Okla.
Reinheimer Quarries Co., New Paris, Ohio.
Reinhold Belting & Supply Co., leather belting, 491 Atlantic av, Brooklyn, N. Y.
Reinhold, Henry L., Jr., architect, 1309 Walnut, Phila., Pa.
Reinhold Mfg. Co., machsts., 139 Beaubien, Detroit, Mich.
Reinhold & Meyer Mfg Co., dairy apparatus & supplies, Plymouth, Wis.
Reinhold Noflux Aluminum Solder Co., 31 Clinton, Newark, N. J.
Reinke, Gust., contractor, Sandusky, O.
Reinle Salmon Co., store fixtures, Warner & Stockholm, Baltimore, Md.
Reinschmidt, C. & H., blowing balls, Rochester, N. Y.
Reinthal & Newman, advtg. post cards, 106 W. 29th, New York.
Reippel's, Jno., Sons, machsts. & fndrs., Cowanesque, Pa.
Reis, G., & Bro., hosiery bands & labels, 900 B'way, New York.
Reis, J. B., Lumber Co., Belleville, Ill.
Reis, John, contrs., Two Rivers, Wis.
Reischmann Co., furn., 14H E 32d, New York
Reischmann & Sons (Inc.), furn., 138H Willow av, New York
Reiser, Mac L., architect, 198 Bristol, Brooklyn, N. Y.
Reiser Machine Shop, Ltd., Lake Charles, La.
Reisert Automatic Water Purifying Co., 23 E 26th, New York.
Reisig, Chas. H., aniline colors, etc., 269 Water, New York.
Reising Arms Co., universal joints, drill vises, jigs, dies & tools mfrs., 35 Jefferson av, Hartford, Conn.
Reisinger, Hugo, arc light carbons, 11 B'way, New York.
Reisinger, Robt. L., & Co., bldg. contrs., First Natl. Bank Bldg., Milwaukee, Wis.
Reisner, W. H., Mfg. Co., pipe organ hardware, optical specialties, etc., Hagerstown, Md.
Reiss Bros., Co. See Reiss-Premier Pipe Co. (successors)
Reissman, Otto, architect, 147 4th av, New York.
Reiss-Premier Pipe Co., 208 W Monroe, Chicago, Ill.
Reiter, E. H., boiler flue & tube cleaners, Elgin, Ill.
Reiter, G. C., unmounted elec. bell gongs & stamping, Canton, O.
Reiter, Irvin T., Co., contrs., Commercial Trust Bldg., Philadelphia, Pa.
Reith Polish Co., metal polish, 1626 N. Sawyer av, Chicago, Ill.
Reith, Wm., glass embossers & stainers, 134 N. 7th, Phila., Pa.
Reitnauer, Jas., flour mills, Pikesville, Pa.
Reitz Bros. Co., masons' & bldrs.' matls., Portsmouth, Ohio.
Reitz Bros. Stone Co., 3007 Arsenal, St. Louis, Mo.
Reitz, Clemens, Sons Co., lumber mfrs., Evansville, Ind.
Reitz Coal Co., bituminous, Windberg, Pa.
Reitz, John A., & Sons, lumber mfrs., Evansville, Ind.
Reitz Spiegel Furn Co., Dept. H, Evansville, Ind.
Reitze Wall Paper & Paint Co., Denver, Colo.
Relc Extinguisher Corp. of America, 52 Vanderbilt av, New York.
Reliable Auto. Parts Co., 244 W. 49th, New York.
Reliable Brush Co. See Crescent Brush Wks. (successor).
Reliable Elec. Co., switches, fuses, etc., 3145 Carroll av, Chicago, Ill.
Reliable Engine Co., gas, oil & traction engines, Portsmouth, Ohio.
Reliable Furn. Mfg. Co., 302H President, Baltimore, Md.
Reliable Incubator & Brooder Co., Quincy, Ill.
Reliable Machine Co., gas engines, Anderson, Ind.
Reliable Machine Co., sheet metal stamping, 5320 St. Clair av, Cleveland, Ohio.
Reliable Machine Co., wire, Bridgeport, Conn.
Reliable Match Co., Ashland, Ohio.
Reliable Safe & Lock Co., Inc., Covington, Ky.
Reliable Stamping Co., cornices & skylights, Tacoma, Wash.
Reliable Stamping Co. See Rustless Rule Co. (successors)
Reliable Stove Co., 1787 E. 40th, Cleveland, Ohio.
Reliable Water Motor & Mfg. Co., Burlington, Ia.
Reliance Aniline & Chem. Co., 229 B'way, New York.
Reliance Arch'l Iron Wks., 253. Monitor, B'klyn, N. Y.
Reliance Automatic Fdry. Co., switches, Racine, Wis.
Reliance Boiler Wks., Oshkosh, Wis.
Reliance Buggy Co., 2204 N B'way, St. Louis, Mo.
Reliance Coke Co., Frick bldg, Pittsburgh, Pa.
Reliance Co., auto. locks & tow lines, 415 S. Sangamon, Chicago, Ill.
Reliance Construction Co., Board of Trade Bldg., Indianapolis, Ind.
Reliance Die & Stamping Co., 515 N. La Salle, Chicago, Ill.
Reliance Electric & Engng. Co., "Reliance" electric motors and generators, 1064 Ivanhoe rd, Cleveland, Ohio.
See adv index at end of book.
Reliance Elec. Htg. Co., cooking app., Columbia, Pa.
Reliance Elevator Co., 212 W. Austin av, Chicago, Ill.
Reliance Engng. Co., machsts. & fndrs., Lansing, Mich.
Reliance Equipment Co., mill & facty. supplies, Mobile, Ala.
Reliance Fertilizer Co., Savannah, Ga.
Reliance Fireproof Door Co., West & Milton, Brooklyn, N. Y.
Reliance Fndry. Co., Richmond, Ind.
Reliance Gauge Column Co., steam traps, etc., Cleveland, Ohio
Reliance-Grant Elevator Equipt. Corp., 101 Madison av, New York.
Reliance Instrument Co., storage battery charging sets, ammeters, etc., 1313 Moorman, Chicago, Ill.
Reliance Lumber Co., Seattle Wash.
Reliance Mach. & Tool Wks., Channing & Franklin avs, St. Louis, Mo.
Reliance Mach. Wks., Hedge & Plum, Phila., Pa.
Reliance Machinery Sales Co., Brighton rd & Pennsylvania av, Pittsburgh, Pa.
Reliance Machy. & Supply Co., mill & facty. supplies, 217 S. Peters, New Orleans, La.
Reliance Mfg. Co., locks, nuts, & washers, Massillon, Ohio.
Retliance Mfg. Co., machst., Pasadena, Cal.
Reliance Mfg. Co., oil extractors, Cleveland, Ohio.
Reliance Metal Spinning & Stamping Co., Inc., 160 John, Brooklyn, N. Y.
Reliance Milling Co., flour, Murphysboro, Ill.
Reliance Motor Truck Co., Appleton, Wis.
Reliance Oil & Grease Co., 50 South, New York.
Reliance Oil & Grease Co., wire rope coating, Cleveland, Ohio.
Reliance Paint Co., Akron, Ohio; 357 Bond, B'klyn, N. Y., & 25 Beaver, New York.
Reliance Pattern Wks., 3202 Smallman, Pittsburgh, Pa.
Reliance Quarry & Const. Co., stone prod., Alton, Ill.
Reliance Spring & Mfg. Co., Inc., 3910 2nd av, Brooklyn, N. Y.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.

Reliance Steel & Tool Co., 24 Murray, New York.
Reliance Toggle & Machine Co., wooden toggle mfrs. & jobbing machsts., Lowell, Mass.
Reliance Varnish Wks., 104 Johonson, Newark, N. J.
Remacle-Hummel Gear & Machine Works, Inc., 23 Rose, New York
Remaly Mfg. Co., buckets, etc., Tamaqua, Pa.
Remer Bros., masons' & bldrs. matls., Saginaw, Mich.
Remey, S. E., architect, Whitney bldg, Detroit, Mich.
Remhof, Chas., globe holders, 87 35th, Brooklyn, N. Y.
Remick, A. R., masons' & bldrs. matls., Kelso, Wash.
Remick, Arthur, architect, 52 Vanderbilt av, New York
Remick, Timothy, & Co., waste, 176 Federal, Boston, Mass.
Remick, Jas. S., Co., auto. accessories, Sacramento, Cal.
Remien & Kuhnert Co., enamels, 63 W. Grand av, Chicago, Ill.
Remiler Tire Mfg. Co., Ashland, Ohio.
Reminder Clock Co., automatic interval, East Oakland, Cal.
Remington Arms Company, Inc., 233 B'way, New York
Remington, Cornelius G., architect, Hampton, Va.
Remington, F. H., contractor, Rutland, Vt.
Remington, H. E., & Co., pads & tablets, Fitchburg, Mass.
Remington Mach. Co., 411 E. Front, Wilmington, Delaware.
Remington Motor Co., 9 Central Park W., New York.
Remington Oil Engine Co., Stamford, Conn.
Remington Oil Engn. Co. elec. lgt. plants, 30 Church, New York.
Remington Packing Co., canned goods, Moorhead, Minn.
Remington Paper & Power Co., Inc., Watertown, N. Y.
Remington & Sherman Co., banks & vaults, 636 Richmond, Phila., Pa.
Remington Typewriter Co., machsts., 374 B'way, New York; wks. at Syracuse & Ilion, N. Y., & Bridgeport, Conn.; Sales office at Syracuse, N. Y.
Remley, Esley P., ties, Dermott, Ark.
Remmel, B. E., architect, Porterville, Cal.
Remmel, Nicholas, machsts. & fndrs., Kewaskum, Wis.
Remmers, B., & Sons, centrifugals, grain dryers, sand filters, etc., 1227 Germantown, Philadelphia, Pa.
Remmers, F. J., Contr. & Bldg. Co., 805 Cass av, St. Louis, Mo.
Remmers Soap Co., 2261 Spring Grv. av, Cincinnati, Ohio.
Remmey, Rich. C., Son, Co., chemical stoneware, cupola linings or blocks, etc., Hedley & Del., Philadelphia, Pa.
Remolite Point Co., San Francisco, Cal.
Remp, R., brick, Dresbach, Minn.
Rempe Co., pipe bends, 341 N. Sacramento av, Chicago, Ill.
Rempe, F., & Son, lbr. & sash, door & blind mfrs., 2nd Natl. Bank, Cincinnati, Ohio
Rempis & Gallmeyer Fdry. Co., Grand Rapids, Mich.
Remppis, W. F., Iron Works, arch. & ornamental iron works, 226 Spruce, Reading, Pa.
Remy Bros. Co., Kokomo, Ind.
Remy Elec. Co., Anderson, Ind.
Renaud, D. J., & Son, machsts. & brass fndrs., Carthage, N. Y.
Renault Selling Branch, automobile bldrs., 719 5th av, New York.
Rend, W. P., Coal & Coke Co., McCormick bldg, Chicago, Ill.
Rendins, Panzer & Martin, architects, Palace Theatre bldg, Cincinnati, Ohio
Rendle, G. T., Co., contractors, 270 Condor, E. B., Boston, Mass.
Rendle-Stodard Co., contrs., Chelsea, Mass.
Rendle, W. S., dock bldg. contractor, 135 Prescott, Boston, Mass.
Rendrock Powder Co., 106 Wall, New York.
Renesch, A. & Co., furniture, Wilstach & Dalton, Cincinnati, Ohio
Re-New Lamp Co., Malden, Boston, Mass.
Renfrew Machy. Co. (Ltd.), 445 Milwaukee, Milwaukee, Wis.
Renfrew Mfg. Co., cotton damasks, Adams, Mass.
Renfrew, R. M., canned goods, Fayetteville, Pa.
Renfrow & Dean, flour mills, Dundee, Ky.
Renim Specialty Co., boxes, panel board cabinets, Brighton, Boston, Mass.
Renn-Davis & Co., mattress mfrs., Portsmouth, Va.
Renn & Morrison, brick, Haverstraw, N. Y.
Rennacker Construction Co., 10 S. La Salle, Chicago, Ill.
Renneburg, Edw., & Sons Co., machy. mfrs., 2639 Boston, Baltimore, Md.
Rennie, John T., machsts. & fndrs., Cairo, Ill.
Renninger, John H., contractor, Schuykill Haven, Pa.
Rennolds, J. A., & Bro., lbr., 116 Broad, New York.

Rennous, Kleinle & Co., paint brushes, 3221 Frederick av, Baltimore, Md.
Reno Bros. Paint Co., Pulaski, Pa.
Reno-Kaetker Elec. Co., motor charging rheostats, Gerke Bldg., Cincinnati, Ohio.
Reno Mfg. Co., neck yokes, staples, etc., Erie, Pa.
Reno Pressed Brick Co., Reno, Nevada.
Renoudet, P. L., Lumber Co., Ltd., New Iberia, La.
Renshler, John D., coffins, Findlay, Ohio.
Rensselaer Lumber Co., Rensselaer, Ind.
Rensselaer Polytechnic Institute, engng. schools & colleges, Troy, N. Y.
Rensselaer & Valatie Mills, sweaters, cardigans, etc., Valatie, N. Y.
Rensselaer Valve Co., mfrs., Troy, N. Y.
Renton, G. W., trap vents, 28 Johnson av, Brooklyn, N. Y.
Renton, Wm., machst. & fndr., Pittsburgh, Pa.
Renulife Elec. Co., violet ray apparatus, 614H Marquette bldg, Detroit, Mich.
Renwick, Aspinwall & Tucker, architects, 8 W. 40th, New York.
Renwick, Edward A., architect, 104 S. Michigan av, Chicago, Ill.
Renwick, Wm. W., architect, 38 W. 32nd, New York.
Renwick, W. W., architect, Short Hills, N. J.
Reo Motor Car Co., Lansing, Mich.
Reordway Mfg. & Sales Co., gauge glass reflectors, Marquette Bldg., Chicago, Ill.
Repp, George W., architect, 1743 W 100th pl, Chicago, Ill.
Reppell-Murphy Elec. Co., bell ringing transformers, 3307 Summit, Kansas City, Mo.
Reppenhagen, M. E., razor strops, Highland Falls, N. Y.
Replogle Co., flour mills, Red Oak, Ia.
Reproduction Co., advt. nov. & spec., 351 Jay, Brooklyn, N. Y.
Repsdorph Tent & Awning Co., Houston, Tex.
Republic Auto Parts Co., Inc., radius rods, etc., Dept. H, Vernon av & 10th Long Island City, N. Y.
Republic Box Co., 925 N. Halsted, Chicago, Ill., & Marinette, Wis.

Republic Carbon Co., carbon resistors & electrodes, Niagara Falls, N. Y.
Republic Chemical Co., Inc., Nerdle Island, Pittsburgh, Pa.
Republic Coal Co., 28 E. Jackson blvd, Chicago, Ill.
Republic Color & Chem. Wks., Reading, Pa.
Republic Construction Co., 233 B'way, New York, & Merchants Bank Bldg., Indianapolis, Ind.
Republic Creosoting Co., sanitary flooring & wood paving blocks, Merchants Bk. Bldg., Indianapolis, Ind.
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Republic-Dodge Mfg. Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.
Republic Flow Meters Co., 565 Washington blvd, Chicago, Ill.
Republic Furn. Mfg. Co., 913 32d, Milwaukee, Wis.
Republic Iron & Steel Co. (Niles Wks.), Niles, Ohio.
REPUBLIC IRON & STEEL CO., steel bars, plates, nuts, spikes, turnbuckles, etc., Youngstown, Ohio.
BRANCH OFFICES:
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Youngstown, Ohio, W. B. Topping, general manager of sales, Republic Bldg.
Pittsburgh, Pa., C. T. Johnston, general agent, Oliver Bldg.
Philadelphia, Pa., W. H. Oliver, manager of sales, Morris Bldg.
Birmingham, Ala., E. M. Barnes, manager of sales, Woodward Bldg.
St. Louis, Mo., T. R. Talbot, manager of sales.
Cleveland, Ohio, W. E. Collier, manager of sales.
Cincinnati, Ohio, M. E. McKee, manager of sales.
Chicago, Ill., H. W. Craig, manager of sales, McCormick Bldg.
Detroit, Mich., C. S. Powers, manager of sales.
Buffalo, N. Y., M. E. Gregg, manager of sales, White Bldg.
Dallas, Texas, Wm. Anderson, manager of sales.
Boston, Mass., W. H. Hunter, manager of sales.
Republic Iron Wks., cement block machy., Tecumseh, Mich.
Republic Mfg. Co., flush valves & machsts., 2944 W. Lake, Chicago, Ill.
Republic Metalware Co., Buffalo, N. Y.
Republic Mining & Mfg. Co., bauxite, Harrison Bldg., Phila., Pa.
Republic Motor Truck Co., Alma, Mich.
Republic Paint & Lead Wks., rfg. cements, 5716 Euclid av, Cleveland, Ohio.
Republic Rubber Co., Youngstown, Ohio.
Republic Stamping & Enameling Co., Canton, Ohio.
Republic Stove & Mfg. Co., 1802 E. 40th, Cleveland, Ohio.
Republic Structural Iron Wks. Division, 1350 E 53d, Cleveland, Ohio
Republic Supply Co., mill & factory supplies, 408 Frankfort av, Cleveland, O.
Republic Supply Co., mill & facty. supplies, jobbers, 123 Water, Pittsburgh, Pa.
Republic Supply Co., mill & facty. supplies, Shreveport, La.
Republic Supply Co., oil well & plbg. supplies, 500H 2d, San Francisco, Cal.
Republic Tanning Co., 2301 S Paulina, Chicago, Ill.
Republic Tool & Mfg. Co., machsts. & sheet metal stamping, 1399H W 9th, Cleveland, Ohio
Republic Well Supp. Co., mill & facty. supp., San Francisco, Cal.
Repult, J. W., lbr., Plantersville, Miss.
Requa Mfg. Co., manicure sets, 1193 Atlantic av, Brooklyn, N. Y.
Requa, S. E., lbr. mfrs., Monsey, N. Y.
Requarth, F. A., Co., sash, door & blind mfrs., Dayton, Ohio.
Res Mfg. Co., spice cabinets, holders, hooks, etc., 2907 Meinecke av, Milwaukee, Wis.
Resch, Jno. A., architect, 170 Lexington av, Jersey City, N. J.
Reschke Machine Works, Wichita, Kans.
Research Mfg. Co., pickling compounds, Oak Lane Station, Pa.
Reserve Mining Co., iron ores, Cleveland, Ohio.
Resler, J. A., sashes, doors & blinds, Caledonia, Ohio.
Resler, Richard, architect, 501 5th av, New York
Reslow Chem. Co., pthalic anhydride, Lyndhurst, N. J.
Resnyk & Keller, architects, 131 W. 39th, New York
Resolute Pottery Co., Trenton, N. J.
Ress, W. N., machsts., Lincoln, Neb.
Ressler, G. S., & Co., carpet beaters, Lansing, Mich.
Ressler, Nick, architect, Mandan, N. D.
Restein Clement Co., mill & facty. supplies, 139 N. 2d, Philadelphia, Pa.
Restrick Lbr. Co., 1016 Vinewood av, Detroit, Mich.
Retail Coalman, trade publication, Monadnock Bldg., Chicago, Ill.
Retardo Fire Proof Paint Co., 416 E. North av, Milwaukee, Wis.
Rethorford Bros., lighting devices & machy., Muncie, Ind.
Retlaw Mfg. Co., indicators, 812 Woodbridge, E. Detroit, Mich.
Retmier, Frank C., contractor, Lemcke Bldg., Indianapolis, Ind.
Restorall Products Co., polishing mops, 189 Pearl, New York.
Retsof Mining Co., rock salt mfrs., 2 Rector, New York.
Rettig, Martin, architect, 118 E. 4th, New York
Rettig, P. J., & Sons, mill & facty. supplies, Wabash, Ind.
Retting Furn. Co., Grand Rapids, Mich.
Reu & Garstang, architects, 215 W. 6th, Los Angeles, Cal.
Reubens, S., & Bro., scrap brass, 68 Cliff, New York.
Reul Bros., sash, door & blind, Helenville, Wis.
Reule Fred'k, mill & facty. supplies, Lafayette, Ind.
Reuter, A., contr., Aurora, Ill.
Reuter, Carl H., adding & calculating machines, Land Title Bldg., Philadelphia, Pa.
Reuter, G. A., lumber, Fort Recovery, Ohio.
Reuter & Harrington, architects, Frost Bldg., San Antonio, Tex.
Reuter, Henry, & Sons, cornices & skylights, Kankakee, Ill.
Reuter Hub & Spoke Co., Dexter, Mo.
Reuter Milling Co., flour, Flat River, Mo.
Reuter, O. P., architect, 107 South, Louisville, Ky.
Reuther Bros., fndrs., Harrison, N. J.
Reuther Mfg. Co., potato diggers, Hamburg, N. Y.
Reuther-Scanlon Handle Co., Nashville, Tenn.
Reuting, D. F., sash, door & blind, Titusville, Pa.
Reutschler Bros., carriages, 1767 15th, San Francisco, Cal.
Reutti, Ralph, architect, Whitfield bldg., Pittsburgh, Pa.
Revell, A. H., Co., furniture for public bldgs., 141 S. Wabash av, Chicago, Ill.
Revels, Frederick W., architect, Syracuse University, Syracuse, N. Y.
Revere Drop Forge Co., Revere, Mass.
Revere Motor Cars Corp., Logansport Ind.
Revere Rubber Co., packing mfrs. & rubber gds., Chelsea, Mass.
Revere Rubber & Supply Co., machsts. tools, 1520 Main, Kansas City, Mo.
Revere Sugar Refinery, 15 Broad, Boston, Mass.
Reeves-Shorter Co., fertilizer mfrs., Eufaula, Ala.
Revis, Wm. H., Inc., tile, cements, 140 W. 42d, New York.
Revolute Mach. Co., blue & black prints & papers, 417 E. 93d, New York.
Revolution Cotton Mills, Greensboro, N. C.
Revolvator Co., portable elevators, 395 Garfield av, Jersey City, N. J. *See adv. index at end of book*
Revolving Door & Fixture Co., revolving door mfrs., 556 W. 27th, New York.
Rex Battery Co., 2505 S. State, Chicago, Ill.
Rex Buggy Co., carriages & wagons, Connersville, Ind.
Rex Cleaner Co., vacuum cleaner mfrs., 431 Kent av, Brooklyn, N. Y.
Rex Distilling Co., 49 Causeway, Boston, Mass.
Rex File & Saw Co., Newcomerstown, Ohio.
Rex Filter Co., water, 162 William, New York.
Rex Ignition Mfg. Co., 250 W. 54th, New York.
Rex Robinson Furn. Co., Dept. H, Grand Rapids, Mich.
Rex Typewriter Co., 49 B'way, New York.
Rexford Gummed Tape Co., 598 Clinton av, Milwaukee, Wis.
Rex-Harris Fire Appliance Co., 310 W. 39th, New York.
Rex Hoop, Stave & Heading Co., Helena, Ark.
Rex Humus Co., 25 W. 45th, New York.
Rex Knitting Co., Little Falls, N. Y.
Rex Mfg. Co., clothes washing machines, Johnstown, Pa.
Rex Mfg. Co., tel. transmitter arms, Corry, Pa.
Rex Mfg. Co., tool post mfrs., Cambridge, Mass.
Rex Milling Co., flour, Drapers, Va.
Rex Paper Co., Kalamazoo, Mich.
Rex Plaster Co., magnesite, Los Angeles, Cal.
Rex Wrench Co., adjustable wrenches, Hathaway bldg., Boston, Mass.
Rexford Gummed Tape Co., Milwaukee, Wis.
Rexim Co., blue prints, 908 Chestnut, Philadelphia, Pa.
Rexine Co., metal polish, hand soap, Sheboygan, Wis.
Rexroth, Louis, machsts., Indianapolis, Ind.
Reyburn-Hunter Foy Co., lightning rods, etc., 815 B'way, Cincinnati, Ohio.
Reyburn Mfg. Co., R.R. manifolding paper, tags, etc., 23d & Allegheny av, Philadelphia, Pa.
Reymann, Paul O., Co., meat packers, Wheeling, W. Va.
Reyner, J., & Son, ship chandlery, Newport News, Va.
Reynold-Zahn Co., hdwe. mfrs., 46 Mechanic, Newark, N. J.
Reynolds, A., masons' & bldrs.' matls., Russell, Pa.
Reynolds, B. F., & Co., steam htrs, 414 N Dearborn, Chicago, Ill.
Reynolds Bros., hand cut files, Columbus, Ohio.
Reynolds Bros., wood handles, Corunna, Ind.
Reynolds Bros. Lbr. Co., Albany, Ga.
Reynolds Chalou Fdry. Co., grey iron castings, Troy, N. Y.
Reynolds, Clifford W., contractor, 50 Church, New York.
Reynolds & Co., metal cutting, machy. & saws, 1220H Real Estate Trust bldg, Phila., Pa.
Reynolds Constr. Co., 308 S. 9th, Newark, N. J.
Reynolds-Dull Flasher Co., 18 S. Wells, Chicago, Ill.
Reynolds, E. J., & Co., furnace sand, Utica, N. Y.
Reynolds, E. J., Sand Co., Utica, Ill.
Reynolds, E. P., arch'l iron, 411 E. 91st, New York.
Reynolds, E. W., canned goods, Troutville, Va.
Reynolds Electric Co., electric motors & electric sign flashers, 2650 W. Congress, Chicago, Ill.
Reynolds, G. W. H., Fndry. Co., Troy, N. Y.
Reynolds, Gardner W., plumbers' solder, Meriden, Conn.
Reynolds Gas Regulator Co., Anderson, Ind.
Reynolds, H. B., Mfg. Co., fountains (poultry), Fredericktown, Ohio
Reynolds, H. M., Shingle Co., Grand Rapids, Mich.
Reynolds Home Mixture Guano Co., Reynolds, Ga.
Reynolds & Hughes, contrs., 425 Cortland, Baltimore, Md.
Reynolds, J. O. & Co., broom corn, Dept. H, Mattoon, Ill.
Reynolds, J. S., & Co., canned goods, Frederica, Del.
Reynolds, J., & Son, hot air furnaces, 1613 Filbert, Phila., Pa.
Reynolds, James, Co., green house heating, 195 State, Rochester, N. Y.
Reynolds, James, Mfg. Co., removable screw calks, New Haven, Conn.
Reynolds Leather Goods Co., suit cases & traveling bags, Putnam, Conn.
Reynolds, L. W., elec. contr., Wallingford, Conn.
Reynolds Machine Co., gear & screw driving machy., Massillon, Ohio.
Reynolds, Marcus T., architect, 100 State, Albany, N. Y.
Reynolds Oil & Grease Co., mill & facty. supplies, 123 Oliver, Boston, Mass.
Reynolds Preserving Co., Sturgeon Bay, Wis.
Reynolds, R. J., Tobacco Co., machinists, Winston Salem, N. C.
Reynolds & Reynolds, architects, 748 Lamont, N. W., Washington, D. C.
Reynolds & Reynolds Co., pads & tablets, Dayton, Ohio.
Reynolds, S. H., canned goods, Nace, Va.
Reynolds & Son, mill & facty. supplies, Barre, Vt.
Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.
Reynolds, T. H., Constrg. Co., 13 Park Row, New York.
Reynolds, W. A., Lumber Co., Spencerville, Ohio.
Reynolds, W. J., stone producers, Roscoe, N. Y.
Reynolds, Wm. E., architect, Green Bay, Wis.
Reynolds Wire Co., Dixon, Ill.
Reynoldsville Brick & Tile Co., Reynoldsville, Pa.
Rezilite Mfg. Co., sanitary flooring & water proofing materials, Peoples Gas bldg, Chicago, Ill.
Reznor Mfg. Co., founders, Mercer, Pa.
Rezny, Jas. B., architect, 2204 S. Crawford av, Chicago, Ill.
R. & G. Soap & Supply Co., Binghamton, N. Y.
R. & H. Mfg. Co., flush switch plates, Cleveland, Ohio.
Rhamy, W. H., masons' & bldrs.' matls., Findlay, Ohio.
Rhein Bros., mattresses, 6011 S. State, Chicago, Ill.
Rheinfrank Bldg. Material Co., 620 E. 14th, New York.
Rheinfrank, G. B., architect, Gardner Bldg., Toledo, Ohio.
Rheinstein & Haas, contractors, 21 E. 40th, New York.
Rheinstrom Bros. Co., canned goods, Cincinnati, Ohio.
Rhinehart Grain Co., Unipolis, Ohio.
Rhineland Mach. Wks. Co., 1727 B'way, New York.
Rhinelander Box & Lbr. Co., Rhinelander, Wis.
Rhinelander Iron Co., Rhinelander, Wis.
Rhinelander Paper Co., Rhinelander, Wis.

Rhinelander, R. H., contractor, Glens Falls, N. Y.
Rhinelander Refrigerator Co., Rhinelander, Wis.
Rhinesmith & Simonson, sash, door & blind mfrs., Ft. Wayne, Ind.
Rhoades, P. T., & Sons, contrs., McKeesport, Pa.
Rhoades, R. W., & Co., machsts. & fndrs., Long Island City, N. Y.
Rhoads, Irwin G., boiler compounds, Manhattan Bldg., Philadelphia, Pa.
Rhoads, J. E., masons' & bldrs.' matls., Harrisburg, Pa.
Rhoads, J. E., & Sons, mill & facty. supplies & round belting mfrs., 12 N. 3d, Philadelphia, Pa.
Rhoads, Maurice R., contractors, architects, Chambersburg, Pa.
Rhoads, Samuel, farm wagons, Anderson, Ind.
Rhode Bros., trunk mfrs., 121 Passyunk av, Philadelphia, Pa.
R. I. Advertising Lead Pencil Co., Rock Island, Ill.
R. I. Braiding Mach. Co., 228 Aborn, Providence, R. I.
R. I. Brass Fndry. Co., 9 Charles, Providence, R. I.
R. I. Brush Co., 50 Daniel av, Providence, R. I.
R. I. Cement Drain Pipe Co., 500 Valley, Providence, R. I.
R. I. Constructor & Supply Co., Providence, R. I.
R. I. Covering Co., mill & facty. supplies, 104 S. Water, Providence, R. I.
Rhode Island Humidifier Co., Boston, Mass.
R. I. Malleable Iron Wks., Hills Grove, R. I.
R. I. Paving & Granolithic Co., contrs., 27 Penn, Providence, R. I.
Rhode Island Fittings Co., Hills Grove, R. I.
Rhode Island Supply & Sprinkler Co., 156 West Exchange, Providence, R. I.
R. I. Telephone & Elec. Co., 55 Pine, Providence, R. I.
R. I. Tool Co., bolts, nuts, screws, etc., Providence, R. I.
R. I. Washer Co., insulating & plumbers' washers, Valley Falls, R. I.
R. I. Wire Wks., 45 Willard av, Providence, R. I.
Rhodes, A. Edward, architect, Masonic Temple, Wilmington, Del.
Rhodes Bros., masons' & bldrs.' matls., Mount Carroll, Ill.
Rhodes, G. W., turpentine, Woodville, Fla.
Rhodes & Gault, flour mills, Murphysville, Ky.
Rhodes Glass & Bottle Co., Massillon, Ohio.
Rhodes, Herbert W., architect, 537A Congress, Portland, Me.
Rhodes, I. M., & Co., mill & facty. supplies, Meadville, Pa.
Rhodes, J. C., & Co., shoe eyelets, New Bedford, Mass.
Rhodes, Jas. H., & Co., chemicals, 2810 S. Albany, Chicago, Ill.
Rhodes, Jamison Co., Oakland, Cal.
Rhodes, Jamieson Co., masons' & bldrs.' matls., Alameda, Cal.
Rhodes, L. E., machinist, Hartford, Conn.
Rhodes, M. M., & Sons Co., shoe buttons, small nails, Taunton, Mass.
Rhodes Mfg. Co., heating furnaces, Lane av & Sibley, Grand Rapids, Mich.
Rhodes Mfg. Co., shapers & slotters, 984 Park av., Hartford, Conn.
Rhodes & Manvel, dock bldrs., 90 West, New York.
Rhodes, S. O., lumber, Elizabeth, Pa.
Rhodes Salt & Borax Co., San Francisco, Cal.
Rhodes, Wm. H., button molds, Cold Brook, N. Y.
Rhodhiss Mills Co., cotton sheeting, Rhodhiss, N. C.
Rhome Milling Co., flour, Rhome, Tex.
Rhyne, A. M., & Co., lbr., Avinger, Tex.
Rhyne Bros. Lumber Co., Cartersville, Ga.
Rianhard, F. Arthur, architect, Williamsport, Pa.
Rib Lake Lumber Co., Rib Lake, Wis.
Ribbeck, F. J., cornices & skylights, New Iberia, La.
Riblet Tramway Co., wire rope, Spokane, Wash.
Ric-Wil Co., conduits, Guardian Bldg., Cleveland, Ohio.
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Ricca, J. M., architect, 40 Hamburg av, Brooklyn, N. Y.
Ricca & Son, pianos, 89 South. blvd., New York.
Riccordino, A., scrap rubber, 1010 Webster, Pittsburgh, Pa.
Rice, A. H., Co., silk thread, Pittsfield, Mass.
Rice, A. L., paint mfrs., Adams, N. Y.
Rice, A. W., lumber, Millbury, Mass.
Rice & Adams, machinery, Buffalo, N. Y.
Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.
Rice, C., Packing Co., meat, Covington, Ky.
Rice & Co., rfg. slate mfrs., Granville, N. Y.
Rice, Daniel J., htg. contractors, 405 Lexington av, New York.
Rice & Dayton Mfg. Co., cements, Cedar Falls,
Rice-Dobby Chain Co., Millbury, Mass.
Rice, E., elastic hosiery, St. Paul, Minn.
Rice, E. A., Co., canned goods, 2230 S. La Salle, Chicago, Ill.
Rice, E. W., Co., architect, Brattleboro, Vt.
Rice, Edw. E., & Co., colors, extracts, etc., 620 Atlantic av, Boston Mass.
Rice, Edw. J., & Son, plumbers, 203 Main, W., Rochester, N. Y.
Rice, Edw. L., Jr., Co., architects, 815 Market, Wilmington, Del.
Rice, F. L., & Bennett, htg. contrs., 36 Chardon, Boston, Mass.
Rice, Frank L., Motor Co., machsts. & fndrs., East Boothbay, Me.
Rice, Geo. H., Co., junction boxes, 431 E. 23d, New York.
Rice, H. H., Co., box shooks, South Athol, Mass.
Rice, Harry H., architect, Collingswood, N. J.
Rice, Henry, architect, 73 W Eagle, Buffalo, N. Y.
Rice & Hochester, tortoiseshell hair pins, 87 Fifth av, New York.
Rice, J. S. & W. M., Lbr. Co., Houston, Tex.
Rice, Jacob, & Sons, machinists, Kingston, N. Y.
Rice, James A., & Son, common brick, Roachdale, Ind.
Rice, John, machinist, Salineville, Ohio.
Rice, Jos. N., contractor, 902 Chapel, New Haven, Conn.
Rice, Josiah L., architect, Fort Sheridan, Ill.
Rice, Josiah L., architect, 4531 Greenview av, Chicago, Ill.
Rice Lake Excelsior Co., Rice Lake, Wis.
Rice Lake Iron Works, machinists & founders, Rice Lake, Wis.
Rice Lake Lumber Co., Rice Lake, Wis.
Rice Lake Mfg. Co., sash, door & blind, Rice Lake, Wis.
Rice, Laurence J., contractor, 405 Lexington av, New York.
Rice & Lockwood Lbr. Co., Springfield, Mass.
Rice, Louis P., & Co., horse collars, 230 Decatur, New Orleans, La.
Rice, M. P., contractor, Branford, Conn.
Rice, Marshall H., Monument Co., granite prod., Kansas City, Mo.
Rice & Miller Co., wholesale hardware, Bangor, Me.
Rice, Oran W., architect, Everett Bldg., New York.
Rice, P. G., & Co., contractors, 1619 Commonwealth, Boston, Mass.
Rice, Peter, contr., Greencove Spring, Ga.
Rice, P. J., bldg. contr., 459 Layton blvd., Milwaukee, Wis.
Rice & Rutledge, flour, Woodleaf, N. C.
Rice, S. E. M., Filler Co., paints, etc., Irvington, N. J.
Rice, T. B., & Sons Co., packing box mfrs., Mifflin St. Wharf, Philadelphia, Pa.
Rice, Thomas, architect, Kingston, N. Y.
Rice, Tracy J., brass fndrs., Amherst, Ohio.
Rice Veneer & Lbr. Co., Grand Rapids, Mich.
Rice, W. M., architect, Amarillo, Tex.
Rice's, Bernard, Sons, table silverware, 325 5th av, New York.
Rich Bros., rattan furniture, 7 East Pratt, Baltimore, Md.
Rich, C. E., & Co., contrs., Lancaster, Wis.
Rich, Chas. A., architect, 320 5th av, New York
Rich, Evert, architect, 10420 Prospect av, Chicago, Ill.
Rich Hdwe. Co., Phoenix, Ariz.
Rich Hdwe. Co., auto springs & whol. hdwe., Phoenix, Ariz.
Rich, J., & Bros., flannels, gloves, lumbermen's socks, Woolrich, Pa.
Rich, J. & G., mill & facty. supplies, 126 N. 6th, Philadelphia, Pa.
Rich, J. W., canned goods, Deer Creek, Ill.
Rich, Jno. P., lime, Swanton, Vt.
Rich, Louis, Constr. Co., East St. Louis, Ill.
Rich Lbr. Co., Manchester Depot, Vt.
Rich & McLean, machy. dlrs., 73 Beekman, New York.
Rich Mfg. Co., water gauges, lubricators, eccentric oilers, etc., 370 Atlantic av, Boston, Mass.
Rich & Mathesius, architects, 320 5th av, New York.
Rich, Patrick, contractor, 342 Birmington, Boston, Mass.
Rich Pump Co., South & Depot, Cincinnati, Ohio.
Rich & Putnam, landscape architects, 104 S. Warren, Syracuse, N. Y.
Rich Sampliner Co., sweaters, cardigans, Euclid & E. 61st, Cleveland, Ohio.
Rich-Simons Lumber Co., 460 Cleveland av, St. Paul, Minn.
Rich Steel Products Co., 3855H Santa Fe av, Battle Creek, Mich.
Rich, T. E., Co., sash, door & blind, Barre Plains, Mass.
Rich Tool Co., drills, reamers, etc., Railway Exchange bldg, Chicago, Ill.
Rich, W. H., Son & Co., architects, Lowville, N. Y.
Rich, W. T., Lbb. Co., ties, Moorhead, Miss.
Rich, Wm. H., Jr., umbrella mfr., 164 5th av, New York.
Richard Auto Mfg. Co., Engineers Bldg., Cleveland, Ohio.
Richard, Frank & Gardner Co., mill & facty. supplies, 47 South, New York.
Richard Mfg. Co., machy., presses, etc., Bloomsburg, Pa.
Richard, M., & Bates, architects, Huntington, W. Va.
Richard, S. C., & Co., architects, 430 Library, Pittsburgh, Pa.
Richard, Stephen, Co., knives, Southbridge, Mass.
Richardi & Bechtold, woodenware mfrs., Bellaire, Mich.
Richards, A. J., & Son, masons' & bldrs.' matls., Quincy, Mass.
Richards, Albert J., auto. axles, springs & tops & carriages, 632 W. Jefferson, Louisville, Ky.
Richards, Benj., & Co., machsts. & fndrs., Winsted, Conn.
Richards Brick Co., Edwardsville, Ill.
Richards Bros., machinists, Umbria & Pa. R. R., Manyunk, Philadelphia, Pa.
Richards Bros., cornices & skylights, Waldboro, Me.
Richards, C. Whitfield, lubricating oils & greases, drilling compounds, 1732 Carlton, Philadelphia, Pa.
Richards & Co., whol. hdwe., metals, 192 Beverly, Boston, Mass.
Richards & Conover Hardware Co., 5th, N. W., cor. Wyandotte, Kansas City, Mo.
Richards Constr. Co., Clarksburg, W. Va.
Richards, D. M., masons' & bldrs.' matls., Kettle Falls, Wash.
Richards, D. W., architect, 215 S. 2d, Cedar Rapids, Ia.
Richards, Dexter, & Sons Co., flannels, woolen, Newport, N. H.
Richards Dredging Co., Real Estate Trust Bldg., Phila., Pa.
Richards, Fred J., mattresses, mops, cotton waste, etc., Springfield, Mass.
Richards & Gaston, contractors, 143 Liberty, New York.
Richards Hardwood Lumber Co., American & Australian hardwood lbr., ship timbers, etc., 480-486 Brannan, San Francisco, Cal.
Richards, H. C., gas engines, mill & facty. supplies, Manitowoc, Wis.
Richards, H. H., Lumber Co., West Haven, Conn.
Richards, Henry, architect, Gardiner, Me.
Richards, Henry H., architect, 5467 Wash. blvd., Chicago, Ill.
Richards & Hirschfeld, Inc., machinery dealers, 50 Church, New York.
Richards, I. P., Co., boilermakers' punches, etc., 23 Pemberton, Providence, R. I.
Richards Iron Works, machsts. & fndrs., Manitowoc, Wis.
Richards, J. A., machinist, Albion, Mich.
Richards, J. R., diamond drilling, Indiana, Pa.
Richards, Jas. V., architect, Willdon Bldg., Hoopeston, Ill.
Richards, John R., granite, Quincy, Mass.
Richards & Kelly Mfg. Co., vault & sidewalk lights, 309 W. 23d, Chicago, Ill.
Richards, L. W., cornices & skylights, Memphis, Tenn.
Richards, McCarty & Bulford, architects, 209 E. Broad, Columbus, Ohio
Richards Mach. Co., 3417 Vliet, Milwaukee, Wis.
Richards Mfg. Co., pipe coverings, 325 Scribner av, Grand Rapids, Mich.
Richards Mfg. Co., camp stools, Marietta, Ohio.
Richards, O. S., packing box mfrs., 87 34th, Brooklyn, N. Y.
Richards, R., & Sons Co., contractors, 246 Elizabeth, Utica, N. Y.
Richards, Samuel, brick & tile, New London, O.
Richards Shook Corp., 23 W 44th, New York
Richards, Stockwell, contrs., Watertown, N. Y.
Richards Trunk Mfg. Co., 200 W. Mulberry, Baltimore, Md.
Richards, W. B., Jr., contractor, 2026 McClelland, Salt Lake City, Utah.
Richards, Walter W., buttons, Muscatine, Ia.
Richards-Wilcox Mfg. Co., door hangers & hdwe. specialties, Aurora, Ill.
Richards, Wm. G., architect, 17 Exchange, Providence, R. I.
Richardson, A. Edw., architect, 100 Amity, Flushing, N. Y.
Richardson, A. H., Lumber Co., 176 Federal, Boston, Mass.
Richardson Aeroplane Corp., Canal Bk. Bldg., New Orleans, La.
Richardson Ball Bearing Skate Co., 154 E. Erie, Chicago, Ill.
Richardson, Barott & Richardson, architects, 31 State, Boston, Mass.
Richardson, Barott & Richardson, architects, 8 Beacon, Boston, Mass.
Richardson Boat Co., motor boats, No. Tonawanda, N. Y.
Richardson & Bottomley, mchsts. & fndrs., West Mansfield, Mass.
Richardson & Boynton Co., mchsts. & fndrs., 31 W. 31st, New York.

Richardson Bros., carriages, Richmond, Va.
Richardson, C., architect, Moscow, Idaho.
Richardson & Clement, htg. contrs., 20 Union, Boston, Mass.
Richardson Co., cornices, Mohawk, N. Y.
Richardson & Co., second hand ry. equipment, 2101 Oliver bldg, Pittsburgh, Pa.
Richardson Co., lumber, 320 Marken, San Francisco, Cal.
Richardson, Dana & Co., lumber, Portland, Me.
Richardson Drug Co., glass, Omaha, Neb.
Richardson & Dutt, sash, door & blind mfrs., 789 3d av, New York.
Richardson, E. H., art tile, fireplace mantels, etc., 77H O'Farrell, San Francisco, Cal.
Richardson, E., Co., lumber mfrs., Saginaw, Mich.
Richardson, Edro, Brass Co., mchsts. & fndrs., 318 N. Holliday, Baltimore, Md.
Richardson Engng. & Mfg. Co., auto. charging sets, Hartford, Conn.
Richardson, E. W., & Co., 2029 Frankford, Phila., Pa.
Richardson, Ernest F., contractor, Dunkirk, N. Y.
Richardson, F. W., masons' & bldrs.' matls., Owego, N. Y.
Richardson Furn. Co., 20H Sudbury, Boston, Mass.
Richardson, G. W., masons' & bldrs.' matls., Clarinda, Ia.
Richardson, Geo. O., Machy. Co., St. Joseph, Mo.
Richardson, Geo. W., slide rules, 4212 W. 24th pl, Chicago, Ill.
Richardson, H. constr., Coshocton, Ohio.
Richardson, J. B., & Son, lumber mfrs., North Vernon, Ind.
Richardson, J. D., & Son, flour mills, White Mills, Ky.
Richardson, J. Edward, architect, Dover, N. H.
Richardson, J. H., mill & facty. supp., Bridgeport, Conn.
Richardson, Jno., machinist, Corning, Ohio.
Richardson, Jos. B., & Sons, masons' & bldrs.' matls., Trenton, N. J.
Richardson-Lee & Co., mill & facty. supplies, wholsale hardware, Vicksburg, Miss.
Richardson Lubricating Co., Quincy, Ill.
Richardson Lumber Co., Alpena, Mich., & Florence, Ala.
Richardson Mfg. Co., pie plates, Bath, N. Y.
Richardson Mfg. Co., anvil & vise combined, Worcester, Mass.
Richardson, P. B., masons' & bldrs.' matls., Trenton, N. J.
Richardson Paper Co., Wyoming & Cooper Avs., Lockland, Ohio.
Richardson, Paul D., architect, Henry bldg, Seattle, Wash.
Richardson-Phenix Co., lubricating apparatus, 131 2d, Milwaukee, Wis.
Richardson Piano Case Co., Leominster, Mass.
Richardson, R. D., Constr. Co., Scranton, Pa.
Richardson, R. E., & Co., lumber, West Point, Va.
Richardson, R. R., & Co., contractors, Norfolk, Va.
Richardson, R. V., contr., Hampton, Va.
Richardson Research Laboratory, metallurgists, Sloan Bldg., Cleveland, Ohio.
Richardson & Robbins Co., canned goods, Dover, Del.
Richardson & Ross Quarry Co., granite & stone producers, Penna. Bldg., Philadelphia, Pa.
Richardson Sand Co., 6647 Ridge av, Chicago, Ill.
Richardson Scale Co., Passaic, N. J.
Richardson Silk Co., thread, 309 W. Adams, Chicago, Ill.
Richardson Steel Fishing Rod Co., 536H Lake Shore Drive, Chicago, Ill.
Richardson, T. P., canned goods, Boone Mill, Va.
Richardson, W. H., lumber mfrs., St. Louis, Mo.
Richardson, W. H., & Co., whosale hardware, Austin, Tex.
Richardson, W. P., & Co., contractors, Jacksonville, Fla.
Richardson, W. R., & Sons, canned goods, Troutville, Va.
Richardson, W. T., & Co., canned goods, Rising Sun, Md.
Richardson & Walker, lbr., Robe, Wash.
Richardson, Wm. Symmes, architect, 101 Park av, New York.
Richardson, Wright & Co., bedstead mfrs. & hopsital furniture, 65 Beverly, Boston, Mass.
Richardson & Gray, consulting engnrs., 220 Devonshire, Boston, Mass.
Riche, M. L., & Co., contractors, Seattle, Wash.
Richenecker, Chas., G., carriages, Watervliet, N. Y.
Riches, Piver & Co., oxide of iron, 30 Church, New York.
Richeson, Nelson & Moore, brick, Greenville, Ohio.
Richey, Browne & Donald, architectural & ornamental iron works, Flushing av, Maspeth, N. Y.
Richey, Halstead & Quick, lbr., 702 Traction Bldg., Cincinnati, O.
Richey, T. R., Lbr. Mills, Atlanta, Tex.
Richfield Oil Co., petroleum, Los Angeles, Cal.
Richholt Bros., brick, Holgate, Ohio.
Richie, Crawford Co., belting mfrs., 414 N. 3d, Phila., Pa.
Richie, Wm. H., landscape architect, 41 S. 15th, Phila., Pa.
Richland Cotton Oil Co., Richland, Ga.
Richland Handle Co., Butler, Ohio.
Richland Home Mixture Guano Co., Richland, Ga.
Richland Parish Lbr. Co., Rayville, La.
Richlands Brick Co., Richlands, Va.
Richmond, Andrew, & Son, contrs., 541 Wood, Pittsburgh, Pa.
Richmond & Backus Co., loose leaf devices, 111 Woodward av, Detroit, Mich.
Richmond Brick Co., 50 Church, New York.
Richmond Broom Co., broom mfrs., Richmond, Va.
Richmond Bros., paint mfrs., 616 Main, Cincinnati, Ohio.
Richmond Bros. Co., metal nov. & spec., 177 Chestnut, Newark, N. J.
Richmond Carriage Works, Richmond, Ky.
Richmond Casket Co., Richmond, Ind.
Richmond Cedar Works, candy & foundry pails, lumber mfrs., woodenware & novelties mfrs., Fulton, Richmond, Va.
Richmond Cotton Oil Co., Memphis, Tenn.
Richmond & Daniels, Inc., contrs., 90 West, New York.
Richmond-Dewey Co., masons' & bldrs.' matls., Pontiac, Mich.
Richmond, F. C., Machinery Co., Salt Lake City, Utah.
Richmond Forgings Corp., Richmond, Va.
Richmond Foundry & Mfg. Co., fdry., Hermitage rd, Richmond, Va.
Richmond, Fredericksburg & Potomac RR., Richmond, Va.
Richmond Furn Mfg. Co., Dept. H, Richmond, Ind.
Richmond, Geo. H., brick, Rock Island, Ill.
Richmond Guano Co., fertilizer mfrs., Richmond, Va.
Richmond Hardware Co., 101 S. 14th, Richmond, Va.
Richmond Hill Foundry Co., grey iron castings, Richmond Hill, N. Y. *See adv. index at end of book*
Richmond & Holmes, tubular boilers, St. John, Mich.
Richmond Iron Works, blast furnaces, Richmond Furnace, Mass.
Richmond & Kemp, archl. iron, 21st & Washington, Phila., Pa.
Richmond, Knight C., mill engr., 10 Weybosset, Providence, R. I.
Richmond Leather Mfg. Co., belting mfrs., Richmond, Va.
Richmond Lumber Co., Richmond, Ky., & Vt.
Richmond Malleable Castings Co., Richmond, Ind.
Richmond Metal Products Co., Inc., drilling machines, 5th & Arch, Richmond, Va.
Richmond Mfg. Co., mchsts. & fndrs., Lockport, N. Y.
Richmond Mica Co., Richmond, Va.
Richmond Paper Co., Richmond, Va.
Richmond Pressed Metal Works, Inc., trunk hardware mfrs., Stockton & 6th, Richmond, Va.
Richmond Printing Ink Co., 16 N. 4th, Richmond, Va.
Richmond Radiator Co., mchsts. & fndrs., 1480 B'way, New York.
Richmond, Robt. P., paper & pulp mills, Valatie, N. Y.
Richmond Roller Mills, flour, Richmond, Ind.
Richmond Safety Gate Co., Richmond, Ind.
Richmond School Furniture Co., Muncie, Ind.
Richmond Screw Anchor Co., expansion bolts, Pulitzer Bldg., New York.
Richmond Slate Co., Richmond, Va.
Richmond Standard Mfg. Co., air compressors, gas engines & patterns, Richmond, Ind.
Richmond Stove Co., stove mfrs., 2506 E. Main, Richmond, Va.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.
Richmond Water Softener Co., Richmond, Ind.
Richmond Woodworking Co., coffins, caskets, etc., Richmond, Va.
Richter, A. A., architect, 6th & Court, Reading, Pa.
Richter, A. G., arch'l iron, 316 av A, New York.
Richter Brass Co., mchsts. & fndrs., 210 E. 9th, Cincinnati, Ohio
Richter, C., contr., Dept. H, San Antonio, Tex.
Richter, C. G., & Co., ladders, Spokane, Wash.
Richter, Chas. A., contractor, Bay City, Mich.
Richter, Chas. H., architect, 68 Broad, New York.
Richter & Co., mchsts. & fndrs., 210 E. 9th, Cincinnati, Ohio.
Richter, Gustav F., surgical & dental insts., 855 De Kalb av, Brooklyn, N. Y.
Richter, H. F., Mach. Works, Los Angeles, Cal.
Richter, Joseph, & Son, contrs., 863 Glenwood av, Buffalo, N. Y.
Richter, Julius, lumber, Chesaw, Wash.
Richter, Louis, sweaters, cardigans, etc., 617 S. 4th, Phila., Pa.
Richter Mfg. Co., buckram, burlap, book cloth, Tenafly, N. J.
Richter, Otto F., cornices & skylights, Holyoke, Mass.
Richter, Wm., architect, 367 Fulton, Brooklyn, N. Y.
Richton Lbr. Co., Richton, Miss.
Richwood Clay Co., Richwood, Ohio.
Rickard & Co., Inc (advertising counsellors) 25 Spruce, New York
Rickard, G. W., fertilizer mfr., Medina, Ohio.
Rickard, Ira D., machst. & fndr., Cobleskill, N. Y.
Ricker, E., & Son Co., stone, Cambridge, Mass.
Ricker, L. H., brick, Chilton, Wis.
Ricker Mfg. Co., manhole junction boxes, hay carriers, etc., 239 N. Water, Rochester, N. Y.
Ricker, Nathan C., architect, 612 W Green, Urbana, Ill.
Ricker, T. H., & Sons Co., machsts. & fndrs., Harrison, Me.
Rickersberg Brass Co., machsts. & fndrs., Perkins & E. 37th, Cleveland, Ohio.
Rickerson & Co., masons' & bldrs.' matls., Troy, N. Y.
Rickert, M. H., cornices, 2635 W. Madison, Chicago, Ill.
Rickert-Shafer Co., die heads & tapping machines, Erie, Pa.
Rickert's Rice Mills, 210 Girod, New Orleans, La.
Ricket, C. W., architect, Bremen, Ohio.
Ricketson Mineral Paint Wks., S. Bay, Milwaukee, Wis.
Ricketson & Schwarz, masons' & bldrs.' matls., 432 B'way, Milwaukee, Wis.
Ricketts, B. W., wholesale hardware, Coshocton, Ohio.
Ricketts & Bartlett Range Co., 319 W. Randolph, Chicago, Ill.
Ricketts & Co., Inc., chemical engrs., 280 Madison av, New York.
Rickless, A., & Co., buffing wheels, Chelsea, Mass.
Rickman Contraction Co., Kalamazoo, Mich.
Rickrise, Thos. S., architect, 105 Audubon av, New York.
Ricks Bros., lumber & canned goods, Reynolds, Ga.
Ricks-McCreight Lumber Co., Oliver bldg, Pittsburgh, Pa.
Riddell Bros., machinists & founders, Atlanta, Ga.
Riddiford Bros., fdry. brushes, 30 S. Wells, Chicago, Ill.
Riddle Coach & Hearse Co., carriages, Ravenna, Ohio.
Riddle Co., sash, door & blind, plate & window glass mfrs., Nashville, Tenn.
Riddle, Edward N., Co., electric & gas light fixture mfrs., Toledo, Ohio
Riddle, F. C., & Bro., Casket Co., 1400 Hogan, St. Louis, Mo.
Riddle, Frank D., machinist & founder, Caro, Mich.
Riddle, Herbert H., architect, 122 S. Michigan av, Chicago, Ill.
Riddle, Lewis W., architect, 122 S. Michigan av, Chicago, Ill.
Riddle-Rehbein Mfg. Co., sash, door & blind mfrs., 13th & O'Fallon, St. Louis, Mo.
Riddle & Riddle, architects, 288 Lexington av, New York.
Riddle & Shields, contractors, Bellingham, Wash.
Ridenbaugh, W. H., masons' & bldrs.' matls., Boise, Idaho.
Rider, A. J., contrs.' tents, Syracuse, N. Y.
Rider-Bagg Co. See Brightwood Brass Fdry. (successor).
Rider-Ericsson Engine Co., machsts. & fndrs., 20 Murray, New York.
Rider Packing Co., canned goods, Crothersville, Ind.
Rider, P. L., mill & facty. supplies, Worcester, Mass.
Rider, Wm. E., & Co., grate bar mfrs., Mansfield, Mass.
Rider, Wm. W., brick, Athens, N. Y.
Ridersville Canning Co., Ridersville, W. Va.
Ridge Bros. Co., contractors, 407 4th av, Pittsburgh, Pa.
Ridge Coal Mining Co., 37 W. Van Buren, Chicago, Ill.
Ridge Spring Oil Mill, meal, Ridge Spring, S. C.
Ridgely Trimmer Co., knives, tools, etc., Springfield, Ohio.
Ridgely Bros., contractors, 733 Jackson, New Orleans, La.
Ridges Food Co., 20 Yeoman, Boston, Mass.
Ridgeview Sand Co., Oil City, Pa.
Ridgeville Tile & Brick Co., Ridgeville, Ind.
Ridgeway Brick Co., Ridgeway, Pa.
Ridgeway, Jas. B., file & rasp mfrs., Gorham, Me.
Ridgeway, Wilbur J., masons' & bldrs.' matls., Roselle Park, N. J.
Ridgewood Iron Wks., architect'l & ornamental iron, 1604 De Kalb av, Brooklyn, N. Y.
Ridgway, B., & Son, stone producers, Meshoppen & N. 9th & Columbia av, Philadelphia, Pa.
Ridgway, Craig, & Son Co., elevator mfrs., Coatesville, Pa.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Ridgway Furnace Co., 80 Beverly, Boston, Mass.
Ridgway Mach. Co., Ridgway, Pa.
Ridgway Mfg. Co., mill & facty. supplies, Ridgway, Pa.
Ridley, Geo. B., & Sons, cornices & skylights, Brunswick, Me.
Ridley, T. R., architect, Ohio Bldg., Akron, Ohio.

Ridlon, Frank, Co., dlrs. & reprs. electrical apparatus, 251 A, Boston, Mass.
Ridway Refrigerator Co., 3519 N. Lawrence, Philadelphia, Pa.
Riebe Ball Bearing Co., Inc., imptrs. of ball bearings, 1790 Broadway, New York.
Riebe Green Soap Co., Seattle, Wash.
Riebe, Herman, Co., contractors, Lansford, Pa.
Riebenack, William B., architect, Atlantic City, N. J.
Rieber, L., & Co., children's carriages, 16 N. 4th, Phila., Pa.
Rieber Laboratories, 667 Howard, San Francisco, Cal.
Rieboldt, Wolter, & Co., ship builders, Sturgeon Bay, Wis.
Riechman-Crosby Co., mill & facty. supplies, Memphis, Tenn.
Rieck Sheet Metal Co., cornices, Monument & Taylor, Dayton, Ohio.
Riedel & Sons Mfg. Co., brass founders, New Brighton, Pa.
Riege, Archer C., enameled & magnet wire, 44 E. Allen, Philadelphia, Pa.
Riegel Sack Co., bags, bagging & burlap impr., 8 W. 40th, New York.
Rieger, Chas. J., architect, Germania Bk. Bldg., Pittsburgh, Pa.
Riegert, Emil, architect, 2041 N. Racine av, Chicago, Ill.
Riehl, H., & Son, machinists, 1130 Orianna, Philadelphia, Pa.
Riehle Bros. Testing Machine Co., 1424 N. 9th, Phila., Pa.
Riehm Knitting Mills, sweaters, etc., Adams & Unity, Frankfort, Philadelphia, Pa.
Riel, Geo. F., lbr., Hyams, La.
Rieley H. M., & Bros., canned goods, Blue Ridge Springs, Va.
Rieley Bros., contractors, 348 Arcade, Cleveland, Ohio.
Riemer, A. H., Shoe Co., 431 29th, Milwaukee, Wis.
Riemer, Otto, contractor, 63 French, Buffalo, N. Y.
Ries & Hoelzel, traveling bags, 1020 Race, Philadelphia, Pa.
Riemer, Louis A., htg. contr., 650 3rd, Milwaukee, Wis.
Reische & Sanborn, contrs., Sioux City, Iowa
Rieseck Iron Works, steel, structural, 1201 Metropolitan, Pittsburgh, Pa.
Riesen, Arthur W., contractor, University Bldg., Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), oils, paints, varnishes, etc., Franklin, Pa.
Riesens, Paul, Sons, contractors, 1018 Humboldt av, Milwaukee, Wis.
Rieser, Solon J., architect, 101 Park av, New York
Riesner, Bernard A., machst. & fndr., Houston, Tex.
Riess, John, contr., New Orleans, La.
Riess Light & Fixture Co., 415 Main, Cincinnati, Ohio.
Riessner, T., bronze powder, Gold & Ann, New York.
Riester, Frank P., architect, Murphy Bldg, Decatur, Ill.
Riester & Thesmacher Co., cornices, 1512 W. 25th, Cleveland, O.
Rietbrock Land & Lbr. Co., 700 Cedar, Milwaukee, Wis.
Rife, A. W. & J., Co., brick & tile, Good Hope, Ohio.
Rife Engine Co., hydraulic rams, 90 West, New York
Riffle, David T., contractor, Keenan Bldg., Pittsburgh, Pa.
Riffo, Marion B., architect, Kalispell, Mont.
Rigby, Ben, heating contractor, 545 W. Lake, Chicago, Ill.
Rigby, H., mill & facty. supplies, Paterson, N. J.
Rigby, James, & Son, flour mills, Cambria, Va.
Riger Constr. Co., 507 5th ava, New York.
Rigg, A. G., architect, Peyton Bldg., Spokane, Wash.
Riggin, R., & Bro., canned goods, Crisfield, Md.
Riggins, Emmett, contr., Fresno, Cal.
Riggs & Bro., binnacles, chronometers, instruments, etc., 310 Market, Philadelphia, Pa.
Riggs Cypress Co., Ltd., Patterson, La.
Riggs, Distler & Stringer, heating contractors, 25 Light, Baltimore, Md.
Riggs, Geo. H., stone, Newport, R. I.
Riggs, J. S., architect, Hutchinson, Kan.
Riggs Optical Co., Omaha, Neb.
Righetti, P., architect, Phelan Bldg., San Francisco, Cal.
Righter, Geo. W., machinist, Radnor, Pa.
Righter, J. C., cornices, Salem, N. J.
Righter & Kolb, decorative architects, 420 Madison av, New York.
Rigler, F. A., Ink Co., Battle Creek, Mich.
Rigling, Wm., Egg Tester & Mfg. Co., Hamilton, Ohio.
Riker, C. M., Coal Co., Paducah, Ky.
Riker, J. L. & D. S., caustic soda, potash, etc., 19 Cedar, New York.
Rikerd Lumber Co., hardwood doors, Lansing, Mich.
Riley, Benj. F., mill & facty. supplies, Chester, Pa.
Riley Bros., auto. windshields, Bridgeton, N. J.
Riley, C. E., Co., tex. machy., supplies, etc., 161 Devonshire, Boston, Mass.
Riley, E., architect, 63 W. 34th, Bayonne, N. J.
Riley, Frank M., architect, Madison, Wis.
Riley & French, silver novelties, North Attleboro, Mass.
Riley, Howard H., architect, Boston blk, Seattle, Wash.
Riley, J. M., bldg. contractor, Cambridge, Mass.
Riley, John F., machst. & fndr., Charleston, S. C.
Riley, John J., Co., machsts. & fndrs., Van Brunt, Bklyn, N. Y.
Riley-Klotz Mfg. Co., machsts. & fndrs., 17 Mulberry, Newark, N. J.
Riley, Michael A., architect, Lennox bldg, Cleveland, Ohio
Riley Packing Co., canned goods, Farmington, Del.
Riley, Sanford, Stoker Co., Worcester, Mass.
Riley, W. H., architect, El Reno, Okla.
Riley, Wm., & Co., carriage robes, steamer rugs, etc., 238 Chestnut, Philadelphia, Pa.
Riley, Wm. F., Const. Co., contrs., Victoria Bldg., St. Louis, Mo.
Riley, Wm. H., & Son, harness, Bryan, Ohio.
Riley's Dry Dock Co., ft. Mechanic, Buffalo, N. Y.
Rilling, J. E., & Co., furniture for public bldgs, 107 34th, Milwaukee, Wis.
Rimer & Byers, contractors, 1210 Harrison, Philadelphia, Pa.
Rimmer, A. C., naval architect, 149 B'way, New York
Rimmon Eyelet Co., Seymour, Conn.
Rinaker, Jno. I., architect, Ridgely Bank Bldg., Springfield, Ill.
Rinald Bros. Paint Works, Inc., Gray's Ferry Road & Grove, Phila., Pa.
Rinaldi Tile Co., floor mosaics, 263 Atlantic av, Boston, Mass.
Rinck, Chas., & Bro., oven bldrs., 826 Oliver, Cincinnati, Ohio.
Rinck, Jno. G., oven bldr., Williams & Colerain, Cincinnati, Ohio.
Rincon Foundry Co., cast iron grate bars & sash weights, 351 7th, San Francisco, Cal.
Rinderman, Henry V., architect, 1031 Co. blvd., New York.
Rinehart Bros., contractors, East Liverpool, Ohio.
Rinehart, Daniel, whol. hdwe., Waynesboro, Pa.
Rinehimer Bros. Mfg. Co., lumber, Elgin, Ill.
Rinek Cordage Co., Easton Pa.
Rineyville Roller Mills Co., flour, Rineyville, Ky.
Ring, C. G., architect, 280 W. Broad, Elizabeth, N. J.
Ring, Edward D., contractor, Montclair, N. J.
Ring, F. G., architect, 280 N. Broad, Elizabeth, N. J.
Ring & Konneke, arch'l iron, 525 W. 24th, New York.
Ring Traveler Stringer Mfg. Co., Dept. H, Columbus, Ga.
Ringen Stove Co., 827 Chouteau av, St. Louis, Mo.
Ringer, C. F., & Son, architects, 499 Newton av, Milwaukee, Wis.
Ringle Brick Co., Wausau, Wis.
Ringle, Jacob, & Son, cornices, 472 Grand av, Jersey City, N. J.
Ringle Roofing & Plumbing Co., 472 Grand av, Jersey City, N. J.
Ringle & Schill, lbr., Edgar, Wis.
Ringler, F. A., Co., embossing dies, 207 W. 25th, New York.
Ringrose, R., & Son, contractors, 320 Market, San Francisco, Cal.
Ringwait Linoleum Wks., New Brunswick, N. J.
Ringwald, F. A., sash, door & blind mfrs., 39 S. La Salle, Chicago, Ill.
Ringwald, W. H., & Son, heating contrs., Chillicothe, Ohio.
Rinie, Geo. M., Hdwe. Co., 2101 Gravois av, St. Louis, Mo.
Rink & Schnell, contractors, Clinton, Ia.
Rinkleff, Geo. M., mill & facty. supplies, Sandusky, Ohio.
Rinn, Chas., architect, 3041 Leland av, Chicago, Ill.
Rinn, Philip, Co., sash, door & blind mfrs., Division & Crosby, Chicago, Ill.
Rinshed-Gagnier Paint Co., 164 E. Congress, Chicago, Ill.
Rinshed-Mason Co., paints, Milford & P. M. R. R., Detroit, Mich.
Rio Grande Hardware & Machinery Co., Mercedes, Tex.
Riordan Brass Fdry., Worcester, Mass.
Riordan, G. C., & Co., glass stainers, etc., 313 Walnut, Cincinnati, Ohio.
Riordan Leather Co., 252 South, Newark, N. J.
Riordan, T. G., Mfg. Co., razor strops, 3943 Lincoln av, Chicago, Ill.
Ripley & Bartlett, tacks, nails, Plymouth, Mass.
Ripley Brick Co., Ripley, Ohio.
Ripley, C. S., fndr., So. Union, Me.
Ripley & Co., glass tumblers, 123 7th, Pittsburgh, Pa.
Ripley, D., & Sons, lbr. packing box mfrs., 77 Commercial, Newark, N. J.
Ripley, David, contractor, New Brighton, N. Y.
Ripley Fdry. & Machine Co., Ripley, Ohio.
Ripley Lumber Co., Poultney, Vt.
Ripon Canning Co., Ripon, Wis.
Ripon Knitting Works, lumbermen's socks, Ripon, Wis.
Ripon Veneer & Box Works, sash, door & blind, Ripon, Wis.
Rippel, Henry S., contr., 1929 W. Baltimore av, Baltimore, Md.
Rippl Mfg. Co., advtg. spec., W. Lafayette, Ohio.
Ripple, Fred. O., architect, 4715 Flournoy, Chicago, Ill.
Ripple, S. A., & Bros., broom mfrs., 1208 Ridgely, Baltimore, Md.
Rippley Mfg. & Steel Boat Co., camp stoves, Grafton, Ill.
Ripson, Wm., & Son, agricultural implements, Youngstown, N. Y.
Ripton, M. H., contractor, Rochester, N. Y.
Ripy, J. W., & Son, sash, door & blind mfrs., Ft. Worth, Tex.
Risbridger Fillet Co., 5415 St. Clair av, Cleveland, Ohio.
Rischard, John, masons' & bldrs.' matls., Wahpeton, N. D.
Rische, Chas. H., architect, 2227 Grand av, Milwaukee, Wis.
Risdon Tool & Machine Co., machsts. & fndrs., Naugatuck, Conn.
Riser & Moulding Co., iron stair bldrs., Thomas & Stewart av, Brooklyn, N. Y.
Rish, W. H., heating contr., North Yakima, Wash.
Rishel, J. K., Furn. Co., asbestos table mats, Williamsport, Pa.
Rishell Phonograph Co., Williamsport, Pa.
Rising, B. D., Paper Co., Housatonic, Mass.
Rising & Nelson Slate Co., roofing slate, West Pawlet, Vt.
Rising & Thorne, mill & facty. supplies—wholesale hdwe., 475 Broad, Newark, N. J.
Risinger Bros. Co., lamaps, East Liverpool, Ohio.
Risinger, Thos. S., mill & facty. supplies, masons' & bldrs.' matls., Carlisle, Ind.
Risinger, W. A., architect, Elwood, Ind.
Riskin, Jacob, furn., Dept. H, Passaic, N. J.
Risley, C. V., lumber, Phila. Bourse, Philadelphia, Pa.
Risser, A., & Co., masons' & bldrs.' matls., Paris, Ill.
Risley, G. E., elec. contr., Stamford, Conn.
Risser, D. R., masons' & bldrs.' matls., Vaughnsville, Ohio.
Rissman, Maurice B., architect, 139 N. Clark, Chicago, Ill.
Rissmann, Paul A., architect, Elyria, O., & Lorain, Ohio.
Ristan, G. W., & Co., advtg. novelties, Kaukauna, Wis.
Ritch, Justus B., contr., Greenwood, Conn.
Ritchie, E. S., & Sons, nautical & wireless instruments, etc., Brookline, Mass.
Ritchie, F. R., & Co., contrs., Chronicle Bldg., San Fran., Cal.
Ritchie, G., & Sons, machsts., Battle Creek, Mich.
Ritchie, Geo. B., & Co., cattle, goat & horse hair, 57 Ferry, New York.
Ritchie, Jas. H., architect, 8 Beacon, Boston, Mass.
Ritchie, John C., contractor, Wilkes-Barre, Pa.
Ritchie, W. C., & Co., paper cans, Green & Van Buren, Chicago, Ill.
Ritchie-Wertz Co., contrs., Wistaria av, Dayton, Ohio.
Ritchie, Wm., Co., contractors, 115 Bishop, New Haven, Conn.
Rite-Lite Shaving Glass Co., shaving mirrors, Syracuse, N. Y.
Riter Bros. & Co., ventilator mfrs., 1022 Race, Philadelphia, Pa.
Riter-Conley Co., steel construction, Oliver bldg, Pittsburgh, Pa.
Ritger Excelsior Pottery Co., 495 N. 5th, Newark, N. J.
Rittenhouse, A. E., Co., comealongs or wire pullers, conduit benders, stretchers, etc., Honeoye Falls, N. Y.
Rittenhouse Bros., columns, Cadiz, Ohio.
Rittenhouse & Embree Co., lumber mfrs., 3500 S. Racine av, Chicago, Ill.
Rittenhouse, Frank, machst., Norristown, Pa.
Ritenhouse, J. F., agricultural implmts, Liberty Mills, Ind.
Rittenhouse, John C., ties, poles & posts, Cheboygana, Mich.
Rittenhouse, Wm. H., machst., Norristown, Pa.
Ritter, Burns Lbr. Co., Huntington, W. Va.
Ritter, C. L., Lbr. Co., Huntington, W. Va.
Ritter Can & Specialty Co., signs, etc., 1517 N. Hutchinson, Phila., Pa.
Ritter Dental Mfg. Co., dental equipment, Rochester, N. Y.
Ritter, H. W., Co., architects, Clarksville, Tenn.
Ritter, J. F., machinist, Abbeville, Va.
Ritter, Leonard, masons' & bldrs.' matls., Saint Marys, Pa.
Ritter, Louis E., architect, 1707 Marquette bldg, Chicago, Ill.
Ritter, Louis Mfg. Co., furniture, 270 5th, Milwaukee, Wis.
Ritter Mach. Co., 19th & Glenwood, Philadelphia, Pa.
Ritter Mfg. Co., see Ritter Can & Specialty Co. (successors).
Ritter, P., lumber, Belleville, Ohio.
Ritter, P. J., Conserve Co., 2156 E. Dauphin, Philadelphia, Pa.

Ritter, Richard H., machst. & fndr., Sedalia, Mo.
Ritter, V. T., architect, 517 N. American Bldg., Philadelphia, Pa.
Ritter, W. M., Lbr. Co., 115 E. Rich, Columbus, Ohio.
Ritter & Shay, architects, North Amer. bldg, Phila., Pa.
Ritterbush, S. G., architect, Camden, Me.
Rittler Box Co., shooks, 621 S. Caroline, Baltimore, Md.
Rittman Tile & Clay Co., Rittman, Ohio.
Ritty, A. E., Canning Co., Dayton, Ohio.
Ritzenhaller, John, iron holders, polishing clothes, etc., 73 Franklin, New York
Ritzville Advtg. Co., spec., Ritzville, Wash.
Ritzville Flouring Mills, Ritzville, Wash.
Ritzwoller, M. H., Co., cooperage stock, 4800 S. Hoyne, Chicago, Ill.
Ritz-Woller, Oliver Co., fuel level indicators, 166 W. Lake, Chicago, Ill.
R-I-V Co., ball bearings, 1765 B'way, New York.
Rivenes, Brynjulf, architect, Miles City, Mont.
River & Harbor Improvement Co., contrs., Mariner & Merchant Bldg., Philadelphia, Pa.
River Raisin Paper Co., Monroe, Mich.
River Sand Co., Niagara Falls, N. Y.
Riverdale Cotton Mills, West Point, Ga.
Riverhead Agricultural Wks., Riverhead, N. Y.
Riverside Acid Works, Warren, Pa.
Riverside Boiler Wks., Cambridge, Mass.
Riverside Brass Wks., Richmond, Ind.
Riverside Brick Co., Charlotte, N. C.
Riverside Brick & Mfg. Co., Hattiesburg, Miss.
Riverside Bridge Co., steel structural wk., 3d & Walnut, Wheeling, W. Va.
Riverside Canning Co., Hamburg, Ia.
Riverside Carriage Co., Warren, Ohio.
Riverside Contracting Co., 39 Cortlandt, New York.
Riverside & Dan River Cotton Mills, cotton sheetings, Danville, Va.
Riverside Fibre & Paper Co., Appleton, Wis.
Riverside Fdry., Great Falls, Mont.
Riverside Fdry. Co., Wrightsville, Pa.
Riverside Fdry. & Galvanizing Co., Kalamazoo, Mich.
Riverside Fuel & Supply Co., masons' & bldrs.' matls., Fremont, Ohio.
Riverside Iron Wks., machsts. & fndrs., 106th & Buffalo, Chicago, Ill., and Charleston, S. C.
Riverside Lime & Stone Co., Lyons, Ill.
Riverside Lumber Co., Knoxville, Tenn.
Riverside Mach. Wks., Kokomo, Ind.
Riverside Machine Co., mach. pipe bending, Chester, Pa.
Riverside Machy. Depot, 17-29 St. Aubin av., Detroit, Mich.
Riverside Mfg. Co., mattresses, Moultrie, Ga.
Riverside Mfg. Co., orchard heaters, Riverside, Cal.
Riverside Mfg. Co., fndrs., 162 Riverside av, Newark, N. J.
Riverside Metal Co., fndrs., Riverside, N. J.
Riverside Metal Refining Co., babbitt metal, Connellsville, Pa.
Riverside Mill Co., flour, Reno, Nev., & Shelbyville, Tenn.
Riverside Mills, bags & bagging, Augusta, Ga.
Riverside Mills, flour, Nashville, Tenn.
Riverside Oil Co., gasoline refiners, Benedun Tress Bldg., Pittsburgh, Pa.
Riverside Paper Mfg. Co., Glastonbury, Conn.
Riverside Portland Cement Co., Mills Bldg., San Francisco, Cal.
Riverside Printing Co., advtg. nov. & spec., Port Huron, Mich.
Riverside Pulp Co., Skowhegan, Me.
Riverside Scrap Iron & Metal Co., 530 E. Atwater, Detroit, Mich.
Riverside Steel Casting Co., Kearny, N. J.
Riverton Canning Co., Riverton, Utah.
Riverton Co., paper & pulp mill, Riverton, Conn.
Riverton Lime Co., Riverton, Va.
Riverview Canning Co., Streator, Ill.
Riverview Coated Paper Co., Kalamazoo, Mich.
Riverview Iron Wks., Bordentown, N. J.
Rivetless Chain & Engng. Co., Avon, Pa.
Rivet Cutting Gun Co., pneumatic rivet cutters, 116 E. 3rd, Cincinnati, Ohio.
Rivett Lathe & Grinder Co., 2 Brooks-Brighton, Boston, Mass.
Rivitz, Chas., & Co., plbrs. supplies, 108 High av, Cleveland, O.
Rivitz, Hiram & Co., plbr's supplies, 1640 E. 40th, Cleveland, Ohio.
Rix Compressed Air & Drill Co., 505 Howard, San Fran., Cal. & 409 E. 3rd, Los Angeles, Cal.
Rixford, Loring P., architect, Sharon Bldg., San Francisco, Cal.
Rixse, F. D., architects, Walters Bldg., Wichita, Kans.
Rixson Oscar C. Co., bldrs hdwe, 4450 Carroll av, Chicago, Ill.
Rizzi Bros., granite, Barre, Vt.
Rizzi, L. G., granite, Barre, Vt.
Rjodstrup, Howard, contr., Mitchell, S. Dak.
Roach, Harry F., architect, Syndicate Bldg., St. Louis, Mo.
Roach, J. H. & Co., fdry. molding machs., Bridgeport, Conn.
Roach, Jos. A., & Co., printing inks, 622 S. Dearborn, Chicago, Ill.
Roach, Joseph S., archt., 40 Middlesex, Lowell, Mass.
Roach, M. J., & Co., contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.
Roach & Musser Co., sash, door & blind, Muscatine, Ia.
Roach & Stansell, contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.
Roach, W. R., & Co., canned goods, Hart, Mich.
Roach, Wm., masons' & bldrs.' matls., Rockville, Ind.
Road Builders Equipment Co., 354 Belmont st, Portland, Ore.
Road Sup. & Metal Co., Topeka, Kans.
Roadmaker, trade publication, 53 W. Jackson blvd, Chicago, Ill.
Roald, Knud A. (Deyoung & Roald) architect, Spalding bldg, Portland, Ore.
Roane Iron Co., blast furnaces, Chattanooga, Tenn.
Roanoke Coal & Coke Co., Worth, W. Va.
Roanoke Drain Tile Co., Roanoke, Ind.
Roanoke Guano Co., fertilizer mfrs., Roanoke, Ala.
Roanoke Hdwe. Co., Roanoke, Va.
Roanoke Iron & Bridge Works, machsts. & fndrs., Roanoke, Va.
Roanoke Iron Wks., Inc., machst., steel castings, iron pulley & shaftings, mill & facty. supplies, Roanoke, Va.
Roanoke Mills Co., cotton towels, Roanoke Rapids, N. C.
Roanoke Oil Co., Roanoke, Ala.
Roanoke R. R. & Lumber Co., Norfolk, Va.
Roaring Spring Blankbook Co., pads, Roaring Springs, Pa.
Roat, A. J., Supply Co., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., Kingston, Pa.
Roat, Oakley, contractor, Kankakee, Ill.
Roath Mfg. Co., vapor heating spec., Cherry & Canal, Akron, Ohio.
Robacher's Disinfectant Co., Rochester, N. Y.
Robb & Blackmer, junction boxes, lamp guards, etc., 129 Pearl, Boston, Mass.
Robb, C. L., Mfg. Co., shoe blacking, Bellefontaine, Ohio.
Robb, J. W., architect, 1114 S. Boston, Tulsa, Okla.
Robb, John A., architect, 16 State, Rochester, N. Y.
Robbins, A. P., & Son, contractors, 58 Front, Worcester, Mass.
Robbins, A., Varnish Co., 1537 N. 8th, St. Louis, Mo.
Robbins, B. A., Lime Co., masons' & bldrs.' matls., Cavendish, Vt.
Robbins, C. C., architect, Ainsworth Bldg., Portland, Ore.
Robbins Co., advtg. spec., 12 John, New York.
Robbins & Cowles, masons' & bldrs.' matls., whol. hdwe. & mill & facty. supplies, Brattleboro, Vt.
Robbins, Gamwell & Co., machy. dlrs., Pittsfield, Mass.
Robbins Hardware Co., Selma, Ala.
Robbins, I. R., masons' & bldrs.' matls., Perth Amboy, N. J.
Robbins, Jno., Mfg. Co., badges & emblems, 58 Kneeland, Boston, Mass.
Robbins Lumber Co., Rhinelander, Wis., & Wilkes-Barre, Vt.
Robbins & McGowin Co., fertilizer mfrs., Brewton, Ala.
Robbins Mach. Co., Worcester, Mass.
Robbins Mfg. Co., weather strips, 1815 N. Central Park av, Chicago, Ill.
Robbins & Myers Co., dynamos, motors, elec. fans, etc., 1400 Lagonda av, Springfield, Ohio.
Robbins, W. P., masons' & bldrs'. matls., Benton Harbor, Mich.
Robel & Bryant, Inc., advertising counsellors, 608 S. Dearborn, Chicago, Ill.
Robelot, A. N., architect, Tulane-Newcomb Bldg., New Orleans, La.
Roberds Mfg. Co., wall boards, Marion, Ind.
Roberson, Alonzo, & Son, sash, door & blind mfrs., Binghamton, N. Y.
Roberson, Jno. W., & Co., flour mills, Louden, Tenn.
Robert, J. Breckenridge, Stone Co., stone producers, Grove City, Pa.
Robert, L. W., architect, Candler Bldg, Atlanta, Ga.
Roberte Bros., mattresses, 1342 Long Beach av, Los Angeles, Cal.
Roberts, B. A., Son & Co., masons' & bldrs.' matls., Chase City, Va.
Roberts, B. E., & Co., flour, Millsprings, Ky.
Roberts Brass Mfg. Co., brass fndrs., 1395 W. Fort, Detroit, Mich.
Roberts Bros., canned goods, 416 E. Lexington, Baltimore, Md.
Roberts Bros., contractors, 17 N. La Salle, Chicago, Ill.
Roberts Bros. Flour Mills, Warsaw, N. Y.
Roberts-Brown Lbr. Co. (Ltd.), Shreveport, La.
Roberts, C. A. Co. Inc., 20-24 Aberdeen, Chicago, Ill.
Roberts, C. B., Engineering Co., consulting engineers, 19 Milk, Boston, Mass.
Roberts & Carter, roofing slate, Poultney, Vt.
Roberts & Co., lumber, 1419 Gravier, New Orleans, La.
Roberts & Veneer Co., lumber, New Albany, Ind.
Roberts Cotton Oil Co., Memphis, Tenn.
Roberts, D. E., street signs, Racine, Wis.
Roberts, Eben E., architect, 82 W. Washington, Chicago, Ill.
Roberts, Ellwood, Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.
Roberts Filter Mfg. Co., 6th & Columbia av, Darby, Phila., Pa.
Roberts, Frank C., & Co., archl. engineers, Real Estate Trust Bldg., Philadelphia, Pa.
Roberts, Frank M., architect, 314 Potomac av, Buffalo, N. Y.
Roberts, G. D., & Co., machsts. & fndrs., Columbus, Wis.
Roberts, G. G., Corp., tacks, Whitman, Mass.
Roberts, G. T., roofing slate mfr., West Pawlet, Vt.
Roberts, G. W., cornices, Superior, Wis.
Roberts, Geo. I., & Bros., mill & facty. supplies, 471 4th av, New York.
Roberts, Geo. J., Co., elect. pumps, Dayton, Ohio.
Roberts, H. C., Elec. Supply Co., ry. supplies, 11th & Race, Philadelphia, Pa.
Roberts, H. W., canned goods, Clara, Md.
Roberts, H. W., & Co., contractors, Utica, N. Y.
Roberts-Hamilton Co., plumbers' supplies, htg. contrs., etc., 413 S. 4th, Minneapolis, Minn.
Roberts Hardware Co., Utica, N. Y.
Roberts Instrument Co., pocket meters, 50 Shelby, Detroit, Mich.
Roberts Iron Wks. Co., Cambridge, Mass.
Roberts, J. E., & W. P., Hdwe. Co., Valdosta, Ga.
Roberts, J. F., Construction Co., Denver, Colo.
Roberts, J. H., Elevator Co., 430 W. B'way, New York.
Roberts, J. J., contractor, 4 Wall, Worcester, Mass.
Roberts, J. N., Mfg. Co., wood dishes, Metropolis, Ill.
Roberts, J. S., & Co., flour mills, Broadford, Va.
Roberts, Jno. B., & Co., contractors, 3 W. 29th, New York.
Roberts, John C., contractors, San Diego, Cal.
Roberts, John D., htg. contr., 854 Selly, St. Paul, Minn.
Roberts, John, & Son Co., paper & pulp mills, Waltham, Mass.
Roberts-Kingston Contracting Co., Virginia, Minn.
Roberts, Lewis, inks, 72 Union, Newark, N. J.
Roberts Lightning Mixer Co., churns, egg beaters, drink mixers & milk bottle caps, 39 Pearl, Boston, Mass.
Roberts Lumber Co., Leesville, La.
Roberts Lbr. Co., Inc., Oxford, La.
Roberts & Mander Stove Co., heaters & ranges, 11th & Washington av, Philadelphia, Pa.
Roberts, Mfg. Co., bolt & rivet clipper mfrs., Sommerville, Mass.
Roberts Mfg. Co., case hardening, Lockport, N. Y.
Roberts Mfg. Co., elec. & gas light fixtures, 663 Mission, San Francisco, Cal.
Roberts Marble Co., Ball Ground, Ga.
Roberts, Marion L., machsts., Atlanta, Ga.
Roberts & Meck, pads, Harrisburg, Pa.
Roberts Motor Co., engines, etc., Sandusky, Ohio.
Roberts, Nash & Co., Inc., contrs., Flushing, N. Y.
Roberts Numbering Machine Co., machsts., 706 Jamaica av, Brooklyn, N. Y.
Roberts & Oake meat packers, 45th & S. Racine av, Chicago, Ill.
Roberts, P. & Co., contractors, 37 Sullivan, New York.
Roberts Portable Oven Co., 853 W. North av, Chicago, Ill.
Roberts Powder Co., Shenandoah, Pa.
Roberts, Robt., contractor, Scranton, Pa.
Roberts, Roy L., machsts., Pawtucket, R. I.
Roberts Safety Water Tube Boiler Co., 39 Cortlandt, New York, & Red Bank, N. J.
Roberts Safety Razor Co, 706 Jamaica av, Brooklyn, N. Y.

Roberts, Sanford & Taylor Co., mill & facty. supplies, whol. hdwe., Sherman, Tex.
Roberts Sash & Door Co., 920 W. 20th, Chicago, Ill.
Roberts & Schaefer Co., contractors, 332 S. Michigan av, Chicago, Ill.
Roberts, Spencer, architect, 10 S. 18th, Phila., Pa.
Roberts Steam Specialty Co., water columns, etc., 5318 St. Clair av, Cleveland, Ohio.
Roberts, T. W., wood tanks, Bradford, Pa.
Roberts, Thos., agricultural implements, Springfield, Ohio.
Roberts Tool Co., dies & punches, Irvington, N. J.
Roberts Tube Wks., 868 Military av, Detroit, Mich.
Roberts, U. N., Co., lumber, Davenport, Ia.
Roberts, W. H., & Co., canned goods, 1011 S. Lakewood av, Baltimore, Md.
Roberts, Weldon Rubber Co., erasers, 18 Oliver, Newark, N. J.
Robertshaw Mfg. Co., plumbers' supplies, thermostats, etc., Youngwood, Pa.
Robertson Art Tile Co., Morrisville, Pa.
Robertson, Arthur R., tack hammers, 144 Oliver, Boston, Mass.
Robertson Bros., paper & pulp mills, Hinsdale, N. H.
Robertson Bros. Mfg. Co., pipe & sheet metal, 5405 S. Western av, Chicago, Ill. *See adv. index at end of book.*
Robertson, C. M., Co., paper & pulp mill, Montville, Conn.
Robertson Chemical Co., impregnating compound, 9808 Meech av, Cleveland, Ohio.
Robertson & Conry, htg. contrs., 167½ E. 115th, New York.
Robertson, David, architect, 155 N. Clark, Chicago, Ill.
Robertson, E. A., lbr., Petersburg, Va.
Robertson, E. B., machst., South Norwalk, Conn.
Robertson, E. C., & Son, paper & pulp mills, Hinsdale, N. H.
Robertson, E. L., architect, Augusta, Ga.
Robertson Fertilizer Co., Norfolk, Va.
Robertson, G. A., & Co., paper & pulp mills, Hinsdale, N. H.
Robertson, Geo. W., & Co., contractors, Columbus, Ind.
Robertson & Goodrich, cornices, Fayetteville, Tenn.
Robertson Hardware & Steel Co., 30 2nd, Portland, Ore.
Robertson, Harvey, architect, 230 Highland av, Newark, N. J.
Robertson, J., architect, 24 California, San Francisco, Cal.
Robertson, J. G., machy. dlrs., 2542 University av, St. Paul, Minn.
Robertson, J. L., Mach. Co., Paris, Ill.
Robertson, J. T., masons' & bldrs.' matls., Woodstock, Ga.
Robertson, J. T. Co., soap, 147 Richmond av, Syracuse, N. Y.
Robertson, Jas., contr., Madison, S. Dak.
Robertson, Jas. C., granite, Barre, Vt.
Robertson, Jas. L., & Son, mill & facty. supplies, 78 Murray, New York.
Robertson, James G., & Sons, steam specialties, 78-80 Murray, New York.
Robertson, James, Lead Co., lead pipe mfrs., 827 S. Howard, Baltimore, Md.
Robertson, Jas., Mfg. Co., plumbers' supplies—jobbers, 108 Hopkins pl, Baltimore, Md.
Robertson, Jesse, contractor, Terre Haute, Ind.
Robertson, John, & Co., lead pipe & trap machy., 133 Water, Brooklyn, N. Y.
Robertson, Jno. F., Co., valves, Park Bldg., Pittsburgh, Pa.
Robertson & Larkin, masons' & bldrs.' matls., Hudson, Mass.
Robertson Lumber Co., Minneapolis, Minn.
Robertson Mfg. Co., power saws, 1443 Niagara, Buffalo, N. Y.
Robertson Paint & Varnish Co., 9808 Meech av, Cleveland, Ohio.
Robertson Paper Co., Bellows Falls, Vt.
Robertson, R., & Co., contractors, Amsterdam & 3rd, Detroit, Mich.
Robertson, Strader & Co., lbr., Belero Creek, N. C.
Robertson, T. Markoe, architect, 331 Madison av, New York.
Robertson, Theo. B., Products Co., liquid soap, 700 W. Division, Chicago, Ill.
Robertson, Vanco, Co., soap, 103 Park av, New York.
Robertson, W. F., Steel & Iron Co., steel hoops & box straps, etc., Elm & Commercial, Cincinnati, Ohio.
Robertson, Wayland F., architect, Turks Head bldg, Providence, R. I.
Robertson, Wm., & Co., cinder pit conveyors, 20 W. Jackson blvd., Chicago, Ill.
Robertson, Wm. S., contractor, Saratoga Springs, N. Y.
Robertson, Wm., & Son, contractors, 15 Exchange pl, Jersey City, N. J.
Robertson's, Wm., Sons, paper & pulp mills, Putney, Vt
Robertson, W., Mach. & Fdry. Co., hack saws, 56 Rano, Buffalo, N. Y.
Robeson Cutlery Co., Rochester, N. Y.
Robeson Mfg. Co., fertilizer, Lumberton, N. C.
Robeson Preservo Products Co., waterproofing materials, Port Huron, Mich.
Robeson Process Co., tanning extracts, core compounds., 18 E. 41st, New York.
Robesonia Iron Co. (Ltd.), blast furnaces, Robesonia, Pa.
Robidoux, Jos., & Co., beam scales, 194 Front, New York.
Robie Consolidated Concrete Co., 939 Elm, Manchester, N. H.
Robin-Hirsch Co., showcases, 258 Canal, New York.
Robin, T. W., lumber, Castle Rock, Wash.
Robineau Pottery, Syracuse, N. Y.
Robinia Pin Co., insulator pins, Shippinsburg, Pa.
Robins, A. J., flour mills, Ozan, Ark.
Robins, A. K., & Co., machsts., 116 Market pl, Baltimore, Md.
Robins Bros., granite, Barre, Vt.
Robins, Chas. H., Jr., architect supps. & blue prints, 125 S. 11th, Philadelphia, Pa.
Robins Conveying Belt Co., conveying machy. mfrs., 13 Ann, New York.
Robins Dry Dock & Repair Co., machsts. & fndrs., Beard, Brooklyn, N. Y., & 15 Whitehall, New York.
Robinson, A. F., Boiler Wks., Cambridge, Mass.
Robinson, A. M., sash, door & blind mfr., Woonsocket, R. I.
Robinson, A. S., canned goods, Fallston, Md.
Robinson, Andrew J., Co., contractors, 123 E. 23rd, New York.
Robinson, Aquilla T., lbr. mfr., Brandywine, Md.
Robinson, Argyle, architect, 5227 Harper av, Chicago, Ill.
Robinson, Arthur N., architect, Candler Bldg., Atlanta, Ga.
Robinson Automatic Mach. Co., polishing machines, Russell & Milwaukee, Detroit, Mich.
Robinson, B. J., mill & facty. supplies, Vicksburg, Miss.
Robinson Brick Co., Denver, Colo.
Robinson Bros., aqua & anhydrous ammonia, Montrose av, Brooklyn, N. Y.
Robinson Bros. & Co., wholesale hardware, Louisville, Ky.
Robinson, C. E., Co., test indicators, Orange, Mass.
Robinson, C. P., lbr., Chapin, S. C.
Robinson Cabinet Mfg. Co., folding bath tubs, Toledo Factories Bldg., Toledo, Ohio.
Robinson & Campau, architects, Houseman Blk., Grand Rapids, Mich.
Robinson, Cary & Sands Co., whol. hdwe., 4th & Wasonta, St. Paul, Minn.
Robinson, Chas. A., burlap, 46 Beekman, New York.
Robinson, Chas. M., architect, Times-Dispatch Bldg., Richmond, Va.
Robinson Clay Product Co., brick & pottery ware, Akron, Ohio.
Robinson & Co., crude rubber, 25 Beaver, New York.
Robinson & Co., mfrs. musical instruments, 2123 Stuart, Berkeley, Cal.
Robinson, Connector Co., train couplers, 17 Battery pl, New York.
Robinson Contracting Co., Wade Bldg., Cleveland, Ohio.
Robinson & Curry Co., masons' & bldrs.' matls., Marysville, O.
Robinson, D. & Sons, wiping cloths and cotton waste, 646H Hastings, Detroit, Mich.
Robinson, Dwight P. & Co., contrs. & engrs., 125 E. 46th, New York.
Robinson, Edw., Lbr. Co., Burlington, Vt.
Robinson, F. Delancey, architect, 25th & B'way, New York.
Robinson, F. L., architect, 50 E. 42nd, New York
Robinson, F. S., & Co., contractors, Hammond Bldg., Detroit, Mich.
Robinson, Felix, architect, Vancouver, Wash.
Robinson Fire App. Mfg. Co., 4268 N. 20th, St. Louis, Mo.
Robinson Furnace Co., 205 W. Lake, Chicago, Ill.
Robinson, G. W., & Son, lumber, Tionesta, Pa.
Robinson-Gage Lumber Co., Kenton, Ohio.
Robinson, Gilbert, architect, 546 E. 182nd, New York
Robinson & Gillespie, contractors, 1051 Sutter, San Francisco, Cal.
Robinson, Harry F., architect, 294 Edgewood Pl, River Forest, Ill.
Robinson, Harry J., contractor, Mount Vernon, N. Y.
Robinson Heavy Hardware Co., St. Joseph, Mo.
Robinson, Henry J., Jr., architect, Rye, N. Y.
Robinson, Henson Co., cornices, Springfield, Ill.
Robinson, J. B., & Son, sashes, doors & blinds, Nevada, Mo.
Robinson, J. C. & Son, general contractors, 1126 E. 52nd, Chicago, Ill.
Robinson, J. L., Co., contractors, 511 S. 7th, Minneapolis, Minn.
Robinson, J. L., Construction Co., 1130 W. Lafayette, Baltimore, Md.
Robinson, J. M., Mfg. Co., sheet metal workers' machines, 3282 Spring Grove av, Cincinnati, Ohio.
Robinson, J. P., & Co., salt mfrs., 507 Madison, New York.
Robinson, J. T., & Son, buttons, 45 E. 17th, New York.
Robinson & James, contractors, Wilkinsburg, Pa.
Robinson, Jas. P., founder, Lowell, Mass.
Robinson & Jans, oakum, tow & packg. flax, Winthrop, Minn.
Robinson, Jno., & Co., lbr. mfrs., Albany, N. Y.
Robinson, John & Co., sash door & blind mfrs., 49 Queen lane, Gtn., Phila., Pa.
Robinson, John T., Co., paper box machy. mfrs., Hyde Park, Mass.
Robinson & Jones Co., masons' & bldrs.' matls., Natick, Mass.
Robinson, Jos. A., contractor, 87 Madison, Newark, N. J.
Robinson Land & Lumber Co., Mobile, Ala.
Robinson, Lecni W., architect, 42 Church, New Haven, Conn.
Robinson Lumber Co., 717 Whitney, New Orleans, La.
Robinson-McGill Carriage Co., Nashville, Tenn.
Robinson-McGill Hdwe. Co., carriages, Shelbyville, Tenn.
Robinson-McGill Mfg. Co., harness, saddles & strap wk., Shelbyville, Tenn.
Robinson, M. C., & Co., masons' & bldrs.' matls., Ashtabula, Ohio.
Robinson, M. S., Cable Clamp Co., Donora, Pa.
Robinson, M. W., Co., mechanics' tools, 296 B'way, New York.
Robinson Machine Co., 584 Franklin, Detroit, Mich.
Robinson Mfg. Co., clamps, hangers, straps, 8123 Bruner, S. E., Cleveland, Ohio.
Robinson Mfg. Co., flour mill machy., Muncy, Pa.
Robinson Mfg. Co., sash, door & blind & lbr., Everett, Wash.
Robinson Motor Truck Co., 2d av., N. & 7th, Minneapolis, Minn.
Robinson, N. B., contractor, Carbondale, Pa.
Robinson, N. T., stone producers, Mercer, Pa.
Robinson, O. E., & Son, contractors, 4647 Hamilton av, Cincinnati, Ohio.
Robinson Packer Co., oil well, Tulsa, Okla.
Robinson Paint Co., Aurora, Ill.
Robinson Plbg. Supply Co., St. Paul, Minn.
Robinson, Quincy, canned goods, Warrenton, Ore.
Robinson, Rodgers Co., mattresses & life preservers, 27 N. J. R. R. av, Newark, N. J.
Robinson & Robinson, contrs., Lowell, Mass.
Robinson, S. H., Co., electric signs, 814 Walnut, Philadelphia, Pa.
Robinson, S. M., & Co., canned goods, 607 S. Luzerne av, Baltimore, Md.
Robinson, S. R. H., & Son Contr. Co., 716 Belt av, St. Louis, Mo.
Robinson & Smith, carriages, Fall River, Mass.
Robinson & Sons Sewer Pipe Co., Uhrichsville, Ohio.
Robinson Stoneware Co., laundry tubs, 226 Newell, Brooklyn, N. Y.
Robinson Supply Co., mill & facty. supplies, Glen Falls, N. Y.
Robinson, T. K., Co., canned goods, Vicksburg, Miss.
Robinson, T. W., turpentine, Holder, Fla.
Robinson Tag & Label Co., 142 W. 18th, New York.
Robinson, T. & Co., drain tile & sewer pipe, H Real Estate Trust bldg, Phila, Pa.
Robinson-Toohey Co., mill & facty. supplies, Lawrence, Mass.
ROBINSON TOOL WORKS, INC., filing machines, punching dies & brass & steel stamping, Waterbury, Conn. *See adv. index at end of book.*
Robinson Ventilating Co., mine ventg. fans, Jenkins Arcade Bldg., Pittsburgh, Pa.
Robinson, W. A., masons' & bldrs.' matls., Mechanicsville, N. Y.
Robinson, W. A., & Co., lubricating oils & spermaceti, New Bedford, Mass.
Robinson, W. B., lbr., Berlin, N. J.
Robinson, W. D., & Sons, contractors, Jacksonville, Ill.
Robinson, W. E., & Co., canned goods, Bel Air, Md.
Robinson, W. F., brick, Maceo, Ky.
Robinson, W. J., contractor, Mount Vernon, N. Y.
Robinson, Wm. B., & Co., cornices & skylights, Old Orchard, Me.

Robinson, Wm. C., & Son Co., oils & grease, 32 South, Baltimore, Md.
Robinson, Wm. V. Co., polishing machines, Owosso, Mich.
Robinson's, Geo. H., Sons, masons' & bldrs.' matls., Alexandria, Va.
Robinsteen Collar & Leather Co., Indiana, Pa.
Robson, Chas., & Co., bakers' oven doors & fittings, 8th & Washington av, Philadelphia, Pa.
Robson, C. D., Co., contrs., Leland & Maplewood avs., Chicago, Ill.
Robson Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Roby, S. B., Co., whol. hdwe. & mill supplies, Rochester, N. Y.
Roc Bond Co., stucco mfrs., Wren, Ohio.
Roca, Jos. V., Lumber & Hardware Co., 1533 Carondelet Wlk., New Orleans, La.
Roccordino, Angela, scrap iron & steel, 1014 Webster av, Pittsburgh, Pa.
Roch, Tobias, archl. iron & machst., Indianapolis, Ind.
Roche, John M., contractor, Haverhill, Mass.
Roche, M. J., Construction Co., Johnston Bldg., Cincinnati, Ohio.
Roche, Martin, architect, 104 S. Michigan av, Chicago, Ill.
Rochelle, F. W., & Sons, paper pots, Chester, N. J.
Rocheford, L., & Son, contrs., 44 Front, Worcester, Mass.
Rochester Athenaeum & Mchs. Inst., engng. schools & coll., Rochester, N. Y.
Rochester Automatic Elevator Door Co., Rochester, N. Y.
Rochester Ball Bearing Co., Rochester, N. Y.
Rochester Barrel Machine Wks., 10 St. James, Rochester, N. Y.
Rochester Blue Printing Co., Rochester, N. Y.
Rochester Boat Wks., Inc., Charlotte Sta., Rochester, N. Y.
Rochester Box & Lbr. Co., Rochester, N. Y.
Rochester Brass Bed Co., Rochester, N. Y.
Rochester Bridge Co., Rochester, Ind.
Rochester Bronze & Aluminum Co., Inc., Rochester, N. Y.
Rochester Brush Mfg. Co., Rochester, N. Y.
Rochester Button Co., Rochester, N. Y.
Rochester Can Co., ash & garbage cans, pails, buckets, etc., galvanized metal ware, 89 Hague, Rochester, N. Y.
See adv index at end of book.
Rochester Canning Co., Rochester, Ind.
Rochester Chemical Co., Rochester, N. Y.
Rochester Clay Brick & Tile Corp., Rochester, N. Y.
Rochester Composite Brick Co., Rochester, N. Y.
Rochester Cooperage Co., wooden kegs, Rochester, N. Y.
Rochester Cut Glass Co., Rochester, Pa.
Rochester Cutting Die Co., Rochester, N. Y.
Rochester Fire Works Co., Rochester, N. Y.
Rochester Folding Box Co., Rochester, N. Y.
Rochester Fdry. & Mach. Wks., Rochester, N. H.
Rochester German Brick & Tile Co., see Rochester Clay Brick & Tile Corp. (successors).
Rochester Germicide Co., soaps, disinfectants, etc., Dowling pl, Rochester, N. Y.
Rochester Head Light Works, Rochester, N. Y.
Rochester Iron & Metal Co., scrap, 325H St. Paul, Rochester, N. Y.
Rochester Iron Wks., machsts. & fndrs., Rochester, Minn.
Rochester Laboratory Supply Co., 64 Gorham, Rochester, N. Y.
Rochester Last Wks., Rochester, N. Y.
Rochester Lead Wks., Rochester, N. Y.
Rochester Lime Co., Rochester, N. Y.
Rochester Lbr. Co., sashes, doors & blinds, Rochester, N. H.
Rochester Machine Screw Co., 15 Caledonia av, Rochester, N. Y.
Rochester Mfg. Co., gauges & indicators, 891 Halstead, Rochester, N. Y.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Rochester Mould & Mach. Co., machsts. & fndrs., Rochester, Pa.
Rochester Pad & Wrapper Co., Rochester, N. Y.
Rochester Paper Products Co., Rochester, N. Y.
Rochester Pneumatic Crown Seal Co., Rochester, N. Y.
Rochester & Pitt. Coal & Iron Co., Rochester, N. Y.
Rochester Pressed Steel Co., Rochester, N. Y.
Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.
Rochester Rotary Washer Co., Rochester, N. Y.
Rochester Sand & Brick Co., Rochester, N. Y.
Rochester Shank Co., shoe shanks, Rochester, N. Y.
Rochester Show Case Wks., Rochester, N. Y.
Rochester Spray Pump Co., Rochester, N. Y.
Rochester Stamping Co., elec. cooking app., Rochester, N. Y.
Rochester Tallow Co., Rochester, N. Y.
Rochester Tank & Boiler Co., Rochester, N. Y.
Rochester Tire Heater Co., Rochester, N. Y.
Rochester Tool & Gauge Co., 203 State, Rochester, N. Y.
Rochester Tumbler Co., Rochester, Pa.
Rochester Vacuum Valve Co., steam fitters' supplies, 36 St. Paul, Rochester, N. Y.
Rochester Vulcanite Pavement Co., Rochester, N. Y.
Rochester Washing Mach. Corp., clothes washers, Rochester, N. Y.
Rocheter, Theodore Arnold, architect, Torrington, Conn.
Rochette & Parzini, wood & stone carvers, 218 E. 25th, New York.
Rock Asbestos Roofing Co., Erie, Pa.
Rock Asphalt Co., 24 Oakland, Boston, Mass.
Rock City Machine Co., Nashville, Tenn.
Rock City Mfg. Co., storm sash hangers, screen door hinges, Wabash, Ind.
Rock City Spoke Co., Nashville, Tenn.
Rock County Sugar Co., H Eastern av, Janesville, Wis.
Rock Creek Lbr. Co., Trinity, Texas.
Rock Cut Stone Co., ground limestone, Syracuse, N. Y.
Rock Falls Mfg. Co., auto bldrs., Sterling, Ill.
Rock Flour Mills, Golden, Colo.
Rock Graphite Mining & Mfg. Co., 423 Walnut, Phila., Pa.
Rock Hill Fertilizer Co., Rock Hill, S. C.
Rock Hill Mach. Wks., Roanoke, Va.
Rock Island Bridge & Iron Wks., Rock Island, Ill.
Rock Island Canning Co., Sears, Ill.
Rock Island Hardware Co., Rock Island, Ill.
Rock Island Lbr. & Mfg. Co., Rock Island, Ill.
Rock Island Mfg. Co., anvils, grinders, jacks, vises, etc., Rock Island, Ill.
Rock Island Metal Fndry., 505 4th, Rock Island, Ill.
Rock Island Plow Co., agricl. implements, Rock Island, Ill.
Rock Island Register Co., Rock Island, Ill.
Rock Island Sand & Gravel Co., Rock Island, Ill.
Rock Island Sash & Door Wks., cypress doors, Rock Island, Ill.
Rock Island Stove Co., Rock Island, Ill.
Rock Island Wood Wks., sash, door & blind mfrs., Rock Island, Ill.
Rock Plaster Mfg. Co., masons' & bldrs.' matls., 381 4th av, New York, & Darby & Scott, Columbus, Ohio.
Rock Products, trade publications, 542 S. Dearborn, Chicago, Ill.
Rock River Cotton Co., Janesville, Wis.
Rock River Lumber Co., Beloit, Wis.
Rock River Machine Co., Janesville, Wis.
Rock Run Carbon Co., Warren, Ohio.
Rock Springs Canning Co., Allenton, Mo.
Rock Springs Ice & Stone Co., Kansas City, Kans.
Rockafellow Grain Co., masons' & bldrs.' matls., Carson City, Mich.
Rockaway Ladder Co., Newark, N. J.
Rockaway Mfg. Co., repeating paper cap pistols, rifler & ammunition, 421-41 Culvert, Cincinnati, Ohio.
Rockaway Rolling Mill, iron concrete reinfg. bars, Rockaway, N. J.
Rockbestos Products Corp., insulated wire & cables & asbestos yarn, New Haven, Conn.
Rockbluff Co., turpentine, Rockbluff, Fla.
Rockcastle Cement & Lime Co., cement imprs., Munsey Bldg., Baltimore, Md.
Rockcastle Lbr. Co., Offut, Ky.
Rockdale Lime Co., Tom Brook, Va.
Rockdale Oil Co., fert. mfrs., Rockdale, Tex.
Rockdale Powder Co., York, Pa.
Rockenfelder, Julius, brick & tile, Nankin, Ohio.
Rocker Bros., archl. iron, 330 W. 26th, New York.
Rocker, Harry, architect, 373 Fulton, Brooklyn, N. Y.
Rocker, Henry, contractor, 357 Crescent, Brooklyn, N. Y.
Rocker & Vatet, architects, 15 E. 40th, New York.
Rockey Co., machsts., 275 E. Main, Columbus, Ohio.
Rockey, Thomas, contr., Freeport, Ill.
Rockfall Woolen Co., horse blankets, Middletown, Conn.
Rockfield Canning Co., Rockfield, Wis.
Rockford Art Glass Wks., Rockford, Ill.
Rockford Belting Co., leather belting, Rockford, Ill.
Rockford Bit Co., Kokomo, Ind.
Rockford Bolt Co., pole steps, Rockford, Ill.
Rockford Bolt Co., electro galvanizing, 60 Mill, Chicago, Ill.
Rockford Bookcase Co., Dept. H, Rockford, Ill.
Rockford Brass Wks., machsts. & fndrs., Rockford, Ill.
Rockford Brick & Tile Co., Rockford, Ia.
Rockford Builders' Supply Co., Rockford, Ill.
Rockford Cabinet Co., furn., Dept. H, Rockford, Ill.
Rockford Canning Co., Rockford, Ill.
Rockford Cedar Furn. Co., Dept. H, Rockford, Ill.
Rockford Chair & Furn. Co., Dept. H, Rockford, Ill.
Rockford Concrete Co., contrs., Rockford, Ill.
Rockford Desk Co., Rockford, Ill.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Drop Forge Co., Rockford, Ill.
Rockford Furn. Co., Dept. H, Rockford, Ill.
Rockford Iron Works, Rockford, Ill.
Rockford, John C., contractor, White Bldg., Seattle, Wash.
Rockford Lathe & Drill Co., engine lathes, Rockford, Ill.
Rockford Lthr. Goods Co., advtg. nov. & spec., Rockford, Ill.
Rockford Leather Washer Co., Rockford, Ill.
Rockford Lbr. & Fuel Co., masons' & bldrs.' matls., Rockford, Ill.
Rockford Machine Tool Co., Rockford, Ill.
Rockford Malleable Iron Wks., machsts. & fndrs., Rockford, Ill.
Rockford Mfg. Co., circular saw mills, Indianapolis, Ind.
Rockford Mfg. Co., machsts. & fndrs., agricultural implements, Rockford, Ill.
Rockford Metal Spec. Co., tinning & japanning, Rockford, Ill.
Rockford Milling Machine Co., Rockford, Ill.
Rockford Mitre Box Co., metal cutting, 252 Mill, Rockford, Ill.
Rockford National Furn. Co., Dept. H, Rockford, Ill.
Rockford Palace Furniture Co., music cabinets, Rockford, Ill.
Rockford Paper Box Board Co., Rockford, Ill.
Rockford Paper Mills, Rockford, Ill.
Rockford Peerless Furniture Co., portables, Rockford, Ill.
Rockford Republic Furn. Co., Dept. H, Rockford, Ill.
Rockford Standard Furniture Co., book cases, Rockford, Ill.
Rockford Steel Fixture Co., Rockford, Ill.
Rockford Superior Furn. Co., Dept. H, Rockford, Ill.
Rockford Tool Co., Rockford, Ill.
Rockford Twist Drill Co., Rockford, Ill.
Rockford Varnish Co., Rockford, Ill.
Rockford Watch Co., Elgin & Rockford, Ill.
Rockford World Furn. Co., Dept. H, Rockford, Ill.
Rockhill Coal & Iron Co., 437 Chestnut, Phila., Pa.
Rockhill & Victor, oils, 22 Cliff, New York.
Rockland Lake Trap Rock Co., 17 Battery pl, New York.
Rockland Milling Co., flour, Weyer's Cave, Va.
Rockland & Rockport Lime Co., Rockland, Me.
Rockland Webbing Co., Rockland, Mass.
Rockland Welting Co., Rockland, Mass.
Rockmart Brick & Slate Co., Augusta, Ga.
Rockport Canning Co., Rockport, Mo.
Rockport Drain & Tile Co., Rockport, Ind.
Rockport Granite Co., granite quarries, crushed stone, Rockport, Mass.; 31 State, Boston, Mass., & 21 Park row, New York.
Rockport Isinglass Co., Rockport, Mass.
Rockport Mill Co., lbr., Rockport, Wash.
Rockrise & Shiota, archts., 366 5th av, New York.
Rockville Granite Co., Rockville, Minn.
Rockwall Cotton Oil Co., meal, Rockwall, Tex.
Rockwell-Barnes Co., cash reg. paper, adding mach. rolls, filing cabinets, 823 S. Wabash av, Chicago, Ill.
Rockwell Bros. & Co., masons' & bldrs.' matls., Albany, Tex.
Rockwell, Clough Co., corkscrews, Alton, N. H.
Rockwell & Co., Inc., mattress machy., 74 India, Boston, Mass.
Rockwell-Drake Co., Bearing, Plainville, Conn.
Rockwell, Fred J., contractor, 741 Washington, Boston, Mass.
Rockwell, George W., contr., Sunbury, Pa.
Rockwell, Jno. L., toys, Monroeton, Pa.
Rockwell, John W., & Sons Co., packing box mfrs., Hartford, Conn.
Rockwell, L. A., Co., bakers' machy., 430 Smith, Brooklyn, N. Y.
Rockwell Lime Co., 133 W. Washington, Chicago, Ill.
Rockwell Mfg. Co., interior finish mfrs., 572 Park, Milwaukee, Wis.
Rockwell & Sherwin, carriages, Brattleboro, Vt.
Rockwell Silver Co., cut glassware, Meriden, Conn.
Rockwell, W. S., Co., furnace mfrs., 50 Church, New York.
See adv index at end of book

Rockwood & Buss, contrs., Bennington, Vt.
Rockwood Mfg. Co., paper pulleys & iron & fibre frictions, 1801 English av, Indianapolis, Ind.
Rockwood Milling Co., flour mills, Rockwood, Pa.
Rockwood Photographer, 510 W. 145th, New York.
Rockwood Pottery Co., floor & wall tile, Cincinnati, Ohio.
Rockwood Sprinkle Co., automatic sprinklers, 3604 S. Morgan, Chicago, Ill.
Rockwood Sprinkler Co., automatic sprinkler systems, pressed steel unions & pressed metal products, Worcester, Mass.
Rocky Ford Canning & Mfg. Co., Rocky Ford, Colo.
Rocky Hill Hdwe. Co., Rocky Hill, Conn.
Rocky Mountain Fuel Co., masons' & bldrs.' matls., Foster Bldg., Denver, Colo.
Rocky Neck Marine Co. Railway, dry docks & marine railways, Gloucester, Mass.
Rocky Ridge Lime & Stone Co., Rocky Ridge, Ohio.
Rocky River Dry Dock Co., Blunt rd, Cleveland, Ohio.
Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.
Rodatz, J., contractor, 209 S. La Salle, Chicago, Ill.
Rodday, Robt. J., Co., hot air furnaces, 138 Harrison av, Boston, Mass.
Roddenberry, W. B., canned goods, Cairo, Ga.
Roddis Lumber & Veneer Co., hardwood doors, Marshfield, Wis.
Rode, W. C., contractor, 153 Garfield av, Jersey City, N. J.
Rodefeld Mfg. Co., cast iron pipe cutters, Richmond, Ind.
Rodefer Glass Co. (The), novelties & specialties in glassware, private mold production, Bellaire, Ohio.
See adv index at end of book
Rodger Ballast Car Co., Railway Exchange Bldg., Chicago, Ill.
Rodgers, A. D. & W. E., flour mills, New Market, Ala.
Rodgers Addressing Bureau, direct advertising service: addressing and multigraphing mailing lists a specialty, 365 Market, San Francisco, Cal.
Rodgers Boiler & Burner Co., tanners' tanks, Muskegon, Mich.
Rodgers, Chas. W., Co., bldg. materials, Maritime Bldg., Seattle, Wash.
Rodgers-Collins Co., boiler compound, Pontaic bldg., St. Louis, Mo.
Rodgers, D. M., masons' & bldrs.' matls., Corning, Ohio.
Rodgers, Geo. G., machsts., Springfield, Ohio.
Rodgers, Geo. T. & Co., ship bldrs, Astoria, Ore.
Rodgers & Hagerty, contrs., 163 E. 125th, New York.
Rodgers Iron Mfg. Co., steam pumps, Muskegon, Mich.
Rodgers, J. C., & Son, contractors, 271 W. 125th, New York.
Rodgers, J. E., Mfg. Co., printing inks, 206 E. 19th, New York.
Rodgers, Leonidas (Est. of), carriages, New Castle, Ind.
Rodgers, R. M., Mfg. Co., dumb waiters & elev., 74 Emerson pl, Brooklyn, N. Y.
Rodgers Sand Co., wood & water, Pittsburgh, Pa.
Rodgers, Wade Furn. Co., (who), Dept. H, Paris, Texas.
Rodier & Fitzgerald, glass signs, 296 Pearl, New York.
Rodman Lumber Co., Rodman, Fla.
Rodman Turpentine Co., Rodman, Fla.
Rodriguez, R. E., paint brushes, 56 Warren, New York.
Rodrock, E. M., Co., masons' & bldrs.' matls., Paterson, N. J.
Roe Bros., masons' & bldrs.' matls., Florida, N. Y.
Roe, F. B., Co., canned goods, Greensboro, Md.
Roe, Geo. W., architect, Pueblo, Colo.
Roe, Justus, & Sons, machsts, Patchogue, N. Y.
Roe, Wm. S., mill & factory supplies, 15-31H River, Newark, N. J.
Roebling's, John A., Sons Co., wire rope, insulated wires & cables, etc., Trenton, N. J. *See adv index at end of book*
Roebuck Weather Strip & Wire Screen Co., window ventilators, 3518 av H, Brooklyn, N. Y.
Roeddiger, F. W. C., architect, 5328 Drexel av, Chicago, Ill.
Roedel, Frank A., wholesale hdwe., Cheyenne, Wyo.
Roeder, Fred, Mfg. Co., auto. wood bodies, 1396 Atlantic av, Brooklyn, N. Y.
Roeder-Greeman Stone & Const. Co., Quincy, Ill.
Roeding Fig & Olive Co., canners, Fresno, Cal.
Roeger, Fred, architect, 15 Park row, New York
Roehl Bros., contractors, Clark & W. 25th, Cleveland, Ohio.
Roedl & Jacobs Co., masons' & bldrs' matls., Beaver Dam, Wis.
Roehm Bros., contractors, Terre Haute, Ind.
Roehm & Davison, wholesale hdwe. & curtain fasteners, 93 Woodbridge av, Detroit, Mich.
Roehm, Paul P., const., Calumet, Mich.
Roehr Co., interior finish mfrs., Bucyrus, Ohio.
Roek Creek Lumber Co., Hampton Springs, Fla.
Roekel Co., plumbers' supplies, jobbers, Zanesville, Ohio.
Roelker, H. B., ice machs., 41 Maiden la, New York.
Roelle, Frederick, Co., tele. & telegraph wire, 2818 Oxford, Philadelphia, Pa.
Roemer Bros., lumber, Bowling Green, Ky.
Roemer, J., Heating Co., 1808 E. 22d, Cleveland, Ohio.
Roemer & Roemer, machinists, Santa Maria, Cal.
Roeper Crane & Hoist Wks., overhead trolleys, Reading, Pa.
Roesch Bros. Plating Wks., Belleville, Ill.
Roesch, Geo. E., rural mail boxes, Aurora, Ill.
Roesch-Kohl Enamel Range Co., fndrs., Belleville, Ill.
Roeschlaub & Fuller, architects, Foster Bldg., Denver, Colo.
Roesler, Herman, cornices, 1523 W. 24th, Milwaukee, Wis.
Roessel, Louis, & Co., umbrella cloth, 440 4th, New York.
Roessing Bronze Co., ingots, Etna, Pa.
Roessler & Hasslacher Chemical Co., 709 6th av, New York
Roeti-Hunt Corp., push pins & needle threaders, Putnam, Conn.
Roettiger, H. & F., masons' & bldrs.' matls., Fountain City, Wis.
Roff Underwear Co., sweaters, cardigans, etc., Cohoes, N. Y.
Roffers, John, common brick, De Pere, Wis.
Rogan Bros., lumber, Cable, Wis.
Rogers, A., Co., animal foods, soap, etc., Aurora, Ill.
Rogers, Andrew J., Co., cornices, Paterson, N. J.
Rogers Bros., lbr. mfrs., Bath, Me.
Rogers-Bailey Hardware Co., Chattanooga, Tenn.
Rogers & Baldwin Hardware Co., Springfield, Mo.
Rogers, Bonnah & Chaffee, architects, 528 Farwell, Detroit, Mich.
Rogers Bros., Co., contractors, 350 Merrick, Los Angeles, Cal.
Rogers Broom Co., Washington, Ind.
Rogers & Bro., table silverware, Waterbury, Conn.
Rogers Bros., hot process galvanizing, Batavia, Ill.
Rogers Bros. Co., steel structural wk., Albion, Pa.
Rogers Bros. Galvanizing Wks., Rockford, Ill.
Rogers-Brown & Co., pig iron & coke dlrs., etc., 77 Carew Bldg., Cincinnati, Ohio.
Rogers-Brown Iron Co., Erie Co. Bank Bldg., Buffalo, N. Y.
Rogers Button Co. (Est. of), Springfield, Mass.
Rogers, C. E. Brass Foundry, castings, 64 Plympton, Boston, Mass.
Rogers, C. P., & Co., beds, springs, mattresses, 14 E. 33d, New York.
Rogers, C. R., & Co., contractors, Corry, Pa.
Rogers, C. W., cornices & skylights, Bath, Me.
Rogers, Chas. E., machst. & milk condensing machy., 32 Goldsmith, Detroit, Mich.
Rogers, Chas. E. J., architect, Phelan Bldg., San Francisco, Cal.
Rogers & Co., paper, 521 Marquette av, Minneapolis, Minn.
Rogers & Co., stove linings mfrs., Royersford, Pa.
Rogers Constr. Co., Gloucester City, N. J.
Rogers, E. A., & Co., glue mfrs., 161 Devonshire, Boston, Mass.
Rogers, E. F., & Co., megaphones, 410 Arch, Philadelphia, Pa.
Rogers, F. C., sash, door & blind mfrs., Leroy, N. Y.
Rogers, F. G., architect, Greenville, S. C.
Rogers Fdry. & Mfg. Co., Joplin, Mo.
Rogers Fibre Co., hard & soft fibre, insulation, fibre carriers, containers, trunks, trucks, cars & shoe counters, mfrs., 121 Beach, Boston, Mass. *See adv. index at end of book*
Rogers, Frank H., gun cleaners, Deep River, Conn.
Rogers, Frank R., knife grinders, 16-20 Elk, Buffalo, N. Y.
Rogers, G. W., & Co., dock bldrs., 29 B'way, New York.
Rogers, Geo. B., archt., Van Antwerp Bldg., Mobile, Ala.
Rogers, Geo. C. D., architect, Morristown, N. J.
Rogers, Geo. O., architect, Hartje Bldg., Pittsburgh, Pa.
Rogers, Geo. W., & Co., contractors, 29 B'way, New York.
Rogers, H. A., Co., mill & facty. supp., 87 Walker, New York.
See adv index at end of book.
Rogers, H. C., architect, Estes Park, Colo.
Rogers, H. W., archt., 25 Exchange, Lynn, Mass.
Rogers & Hamilton Co., table silverware, Waterbury, Conn.
Rogers Hardware Co., Eutaw, Ala.
Rogers, Henry M., architect, Johnstown, Pa.
Rogers, Hervey E., stone producers, New London, Conn.
Rogers, Howard, architect, 463 B'way, Albany, N. Y.
Rogers & Hubbard Co., bone buttons, case hardening compounds, handles, Middletown, Conn.
Rogers, J. & J., Co., paper & pulp mills, Ausable Forks, N. Y.
Rogers, J. S., Co., contractors, Moorestown, N. J.
Rogers, J., Silver Co., 13 Laight, New York.
Rogers, J. T., ties, poles & posts, Faceville, Ga.
Rogers, Jas. Gamble, architect, 367 Lexington, New York, & 19 S. La Salle, Chicago, Ill.
Rogers, James S., archt., Farwell bldg., Detroit, Mich.
Rogers, Jas. T., & Co., sash, door & blind mfrs., Peoria, Ill.
Rogers, John F., shoe vamp marking machs., Belfast, Me.
Rogers, John M., Wks., machsts. & fndrs., Gloucester City, N. J.
Rogers, Jos. B., cornices, Hallstead, Pa.
Rogers, L. C., fertilizer mfr., Frederica, Del.
Rogers, Laussat R., architect, 911 Market, Wilmington, Del.
Rogers Lbr. Co., Warren, Pa.
Rogers & McIntyre, printing inks, 30 S. Clark, Chicago, Ill.
Rogers & McLean, bldg. contrs., Duluth, Minn.
Rogers, M. E., brick, Deshler, Ohio.
Rogers Mach. Tool Co., Alfred, N. Y.
Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York.
Rogers Mfg. Co., bone buttons, fertilizer mfrs., Rockfall, Conn.
Rogers Metal Wks., Kansas City, Mo.
Rogers & Miller, whol. hdwe., 135 Market, Philadelphia, Pa.
Rogers, O. A., machsts., Bloomfield, N. J.
Rogers, P. O., & Son, contractors, Chattanooga, Tenn.
Rogers Paper Mfg. Co., ironing & leather boards, So. Manchester, Conn.
Rogers, Palmer, architect, 101 Park av, New York.
Rogers, Pliny P., architect, 477 5th av, New York.
Rogers Pyatt Shellac Co., 81 Water, New York.
Rogers, R. J., Lbr. Co., Geneva, N. Y.
Rogers, R. R., Co., milk condensing machy., 3328 Chope Pl, Detroit, Mich.
Rogers Rake Co., New Hartford, Conn.
Rogers, Robt. E., architect, 347 S. 4th av, Mount Vernon, N. Y.
Rogers, Rose, & Co., flour mills, Gradyville, Ky.
Rogers, Ruger, Lbr. Co., Superior, Wis.
Rogers, Sam'l C., & Co., machy., 10 Lock, Buffalo, N. Y.
Rogers Sash & Door Co., New Britain, Conn.
Rogers-Schmitt Wire & Iron Co., 1815 N. 23d, St. Louis, Mo.
Rogers-Shear Co., plasters' steel corner beads, Warren, Pa.
Rogers Silver Co., casket hardware, Westfield, Mass.
Rogers, Simeon L., & George H. Co., table silverware, Hartford, Conn.
Rogers, Smith & Co., table silverware, Meriden, Conn.
Rogers, Spencer, Son, bldg. contr., Portland, Me.
Rogers Sporting Goods Co., base ball mfrs. & gloves, Springfield, Mass.
Rogers, T. Mellon, architect, Devon, Pa.
Rogers Tent & Awning Co., Fremont, Neb.
Rogers Una-Drive Motor Truck Corp., Sunnyvale, Cal.
Rogers, Virgil, soap, Gibbon, Neb.
Rogers, W. A. (Ltd.), cutlery, Northampton, Mass.
Rogers, W. C., ties, poles & posts, Broadhurst, Ga.
Rogers, W. F. Fdy., Bandon, Ore.
Rogers, W. G., architect, Charlotte, N. C.
Rogers, W. H., Paint Mill, varnish mfrs., Houston, Tex.
Rogers & Haneman, architects, 50 E. 42nd, New York
Rogers & Wells, contractors, Middlebury, Vt.
Rogers White Lime Co., Rogers, Ark.
Rogers, Wm. A. (Ltd.), table silverware, Niagara Falls, N. Y.
Rogers, Wm. J., architect, 50 E. 42d, New York.
Rogers, Wm., Mfg. Co., table silverware, Meriden, Conn.
Rogers Wire Works, Inc., wire cloth mfrs., Belleville, N. J.
Rogers & Madison, trunks, Petersburg, Va.
Rogerson, J. C., & Co., whol. hdwe., Hudson, N. Y.
Rogersville Mill Co., flour, Rogersville, Tenn.
Rognstad, Sigurd A., architect, 845 N. Le Claire av, Chicago, Ill.
Rogowski Bros. & Wedda, contractors, Canfield & G. T. Ry., Detroit, Mich.
Rogue River Hardware Co., Grants Pass, Ore.
Rogue River Valley Canning Co., Medford, Ore.
Rohan, John A., Boiler Wks. Co., 913 La Beaume, St. Louis, Mo.
Rohde, Chas. L., & Sons Co., ship bldrs., ft 3rd av, Baltimore, Md.
Rohde, W. H. L., masons' & bldrs.' matls., Ann Arbor, Mich.
Rohe & Bro., meat packers, 527 W. 36th, New York.
Rohl, Richard, architect, 75 Bible House, New York.
Rohm, Jean Baptist, & Son, archts., 138 N. La Salle, Chicago, Ill.
Rohm, Wm., architect, 138 N. La Salle, Chicago, Ill.
Rohmann, C. F., & Son Co., 78H Prince, Brooklyn, N. Y.

Rohn, Geo. F., knife switches, 524 Jackson, Milwaukee, Wis.
Rohns, Albert, & Co., archl. iron, 193 Cass, Detroit, Mich.
Rohrbaugh, J. F., & Co., contractors, Hanover, Pa.
Rohrer, D. J., sash, door & blind, Clintonville, Wis.
Rojotte, Fobart & Winters, contrs., Zuler bldg., Spokane, Wash.
Roka Battery Co., elec. lamp flashlights, 27 W. 20th, New York.
Rokeach, I., & Sons, soap, 345 Hewes, Brooklyn, N. Y.
Rolandi, F., contractor, 550 Montgomery, San Francisco, Cal.
Rolf, Bernard, dock bldrs., 39 Cortlandt, New York.
Rolf Heater Mfg. Co., water heaters, Columbus, Ohio.
Rolfe Building Materials Co., New Brunswick, N. J.
Rolfe, C. M. & A. H., sash, doors & blind mfrs., Penacook, N. H.
Rolfe Iron Co., gates, signs, etc., 36th & I. C. Tracks, Chicago, Ill.
Roling, J. F., machst. & fndr., Salisbury, Mo.
Roll Mfg. Co., mortar color mfrs., Waterloo rd, Cleveland, Ohio
Rollaway Co., bicycle motors, 1048 Shepard, Toledo, Ohio
Rolled Plate Metal Co., photo engravers' supplies, 553 W. 33rd, New York.
Roller, Geo. B., common brick, Canton, Ill.
Roller Lock Nut Co., Inc., 61 Broadway, New York.
Roller-Smith Co., testers, switches, meters, etc., 233 B'way, New York.
Roller, Herman D., architect, 64 E. Van Buren, Chicago, Ill.
Rollin Chemical Corp., 120 B'way, New York
Rollin Construction Corp., 90 West, New York
Rollins Engine Co., Nashua, N. H.
Rollins, Sim. D., & Co., plumbers' supplies—jobbers, Minneapolis, Minn.
Rollins Supply Co., mill & facty. supplies, 17 W. Kinzie, Chicago, Ill.
Rollman Mfg. Co. (Ltd.), machsts., Orangeville, Pa., & meat choppers, hdwe., nut crackers, etc., Mount Joy, Pa.
Rollond Glass Co., window glass mfrs., Clarksburg, W. Va.
Rolls, H. J., lithpone, sulphuret of antimony & oxide of zinc, Ellicott Sq. bldg., Buffalo, N. Y.
Rolls-Royce of Am., Inc., auto bldrs, Page Boulevard, Springfield, Mass.
Rolup Screen Co., 17 Battery Place, New York.
Rom, Robt., Co., plumbers', mill & facty. supplies—jobbers, 1023 St. Paul av, Milwaukee, Wis.
Roman Bronze Wks., machsts. & fndrs., 275 Greene, B'klyn, N. Y.
Roman Landscape Contrg. Co., Inc., 15 E. 40th, New York
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Roman, Otto E., contrs., Weehawken, N. J.
Roman Road Co., contrs., 228 Southampton, Boston, Mass.
Rombaugh, W. N., contractor, Gorlock Bldg., St. Louis, Mo.
Rome Bicycle Mfg. Co., Rome, N. Y.
Rome Brass & Copper Co., Rome, N. Y.
Rome Brick & Tile Co., Rome, Ga.
Rome Elec. Co. (magnet), wire, Rome, N. Y.
Rome Furn. Co., Dept. H, Rome, Ga.
Rome, Geo., & Co., cornices, Carnegie, Pa.
Rome Hollow Wire & Tube Co., Rome, N. Y.
Rome Hardware Co., Rome, Ga.
Rome Iron Mills, Inc., 30 Church, New York.
Rome Machine & Fdry. Co., Rome, Ga.
Rome Mfg. Co., metal wares, etc., Rome, N. Y.
Rome Metal Products Co., Inc., steel tubing, 150 Nassau, New York
Rome Metallic Bedstead Co., Rome, N. Y.
Rome Soap Mfg. Co., textile & laundry soap, Rome, N. Y.
Rome Sporting Goods Mfg. Co., Rome, N. Y.
Rome Stone Cutting Co., 17 Grafton av, Newark, N. J.
Rome Supply Co., plumbers' supplies—jobbers, Rome, Ga.
Rome-Turney Radiator Co., Rome, N. Y.
Rome Wire Co., Rome, N. Y. *See adv index at end of book.*
Roman Nose Gyp. Co., plasters, Bickford, Okla.
Romeo Foundry Co., Port Huron, Mich.
Rommel, Frank A., architect, Weightman Bldg., Phila., Pa.
Rommel, G. H., Co., contractors, Louisville, Ky.
Romer Axe Co., Dunkirk, N. Y.
Romer & Co., hdwe. mfrs., 275 Passaic, Newark, N. J.
Romer, F. J., Construction Co., 190 Ramsey, St. Paul, Minn.
Romer Mfg. Co., black'g cases, 203 Diamond, Brooklyn, N. Y.
Romeyn, Chas. W., architect, 55 B'way, New York.
Romeyn, T. F., Co., pckg. box mfrs., Albany, N. Y.
Romick Mill Furnishing Co., Niles, Ohio.
Romig, P. A., masons' & bldrs.' matls., Uhrichville, Ohio.
Romisch Mfg. Co., macsts. & fndrs., Morgantown, W. Va.
Romona Oolitic Stone Co., Stinesville, Ind.
Romort Mfg. Co., air valves, tire pump connections & auto gears, Main & Hubbard, Oakfield, Wis.
Romsen, I. S., Mfg. Co., carriages, 740 Grand, Brooklyn, N. Y.
Ronan Saw & Tool Works, 347-351 Davey, Buffalo, N. Y. *See adv. index at end of book.*
Ronceverte Lbr. Co., oak flooring, Ronceverte, W. Va.
Ronchi & Son, pianos, West Hoboken, N. J.
Roneo Co., pencil sharpeners, copying presses, 117 Leonard, New York.
Roney & Rae Co., bobbin holders, Woonsocket, R. I.
Ronfeldt, Chas. J., steel stamps, 61 Beekman, New York.
Ronson Spec. Co., wrenches, etc., 7 Mulberry, Newark, N. J.
Roo & Van Leeuwen Lumber Co., Lynden, Wash.
Rood Constr. Co., Grand Rapids, Wis.
Rood, M., & Co., flour mills, Bark River, Mich.
Rood, R. A., packing box mfrs., Buttles av & Facty., Columbus, O.
Roode, S. M., architect, Dillon, Mont.
Roof, H. H., architect, Biloxi, Miss.
Rooke Automatic Register Co., 17 Warren, Providence, R. I.
Rooksby, E. J., & Co., machy. mfrs., 435 N. 11th, Phila., Pa.
Rooke, Frank A., architect, 15 E. 40th, New York
Rockwood Pottery Co., Rockwood pl, Mount Adams, Cincinnati, Ohio.
Roome, James A., carriages, Peabody, Mass.
Rooney, F. J., Lamp Co., 257 14th, Hoboken, N. J.
Rooney, John A., contractors, 319 Wash., Boston, Mass.
Rooney, Jno. B., mill & facty. supplies, Walpole, Mass.
Rooney, Wyckoff Co., contrs., Consolidated Realty bldg., Los Angeles, Cal.
Roos, August, Sons, brewers' machy. & supplies, coppersmiths, 429 E. 91st, New York.
Roos Bernard L., architect, 734 S. Elmwood av, Oak Park, Ill.
Roos Bros., contractors, 2824 Stanton av, W. H., Cincinnati, O.
Roos, Carl L. architect, 252 Main, West Orange, N. J.
Roos, Chas., lbr., Williamsport, Pa.
Roos, Chas. A., coils, columns, plants, etc., 429 E. 91st, New York.
Roos, Hy., Fdry. Co., archl. iron, 1749 Ballou, Chicago, Ill.
Roos Mfg. Co., cedar chests, curtain poles, 967 W. 20th, Chicago, Ill.
Roosa, Fredk. H., archt., 316 Flatbush av, Brooklyn, N. Y.
Roosen, H. D., Co., printing inks, 461 8th av, New York.
Roosevelt, W. A., Co., plumbers', mill & facty. supplies—jobbers, La Crosse, Wis.
Root, A. I., Co., bee keepers' supplies, Medina, Ohio.
Root, B. M., Co., variety sawing machinery, York, Pa.
Root, C. D., lbr., Crown Point, Ind.
Root, C. R., wood carvers, plastic orna., etc., Hartford, Conn.
Root, Chas. J., Co., counting machines & wrought brass hinge mfrs., Bristol, Conn.
Root Glass Co., bottles, Terre Haute, Ind.
Root, John Wellborn, architect, 104 S. Michigan av, Chicago, Ill.
Root, Hy. S., & Son, wholesale hdwe., Newport, Vt.
Root, J. V., canned goods, Versailles, Ill.
Root Mfg. Co., sash, door & blind, Michigan City, Ind.
Root Mfg. Co. (Tivoli Mills), knit gds., Cohoes, N. Y.
Root, Neal, & Co., mill & facty. supplies, etc., 178 Main, Buffalo, N. Y.
Root, Neilson & Co., machsts. & fndrs., Sacramento, Cal.
Root & Siemers, architects, Scarritt Bldg., Kansas City, Mo.
Root Spring Scraper Co., Kalamazoo, Mich.
Root & Vandervoort Engng. Co., East Moline, Ill.
Root, W. A., & H. A., contractors, 1 Beacon, Boston, Mass.
Root, W. H., cornices & skylights, Iola, Kans.
Rooth-Heath Mfg. Co. See Fate-Root-Heath Co. (successor).
Roots, P. H., F. M., Co., machsts. & fndrs., Connersville, Ind.
Roovers Bros., letter & figure embossing presses, stationers' spec., etc., 100 Schermerhorn, Brooklyn, N. Y. *See adv index at end of book.*
Rope Fire Escape Co., 1626 Market, Philadelphia, Pa.
Ropelt, Pritchard, pianos, Rochester, N. Y.
Roper Box & Lbr. Co., Petersburg, Va.
Roper Bros. Lbr. Co., Petersburg, Va.
Ropes Bros., masons' & bldrs.' matls., Danvers, Mass.
Roquemore, O. G., architect, Amarillo, Tex.
Rorech, J. J., Jr., bldr. & contr., Stamford, Conn.
Roren Drop Forging Co., Inc., wrenches, 36 Warren, New York.
Rork, M. D., Mfg. Co., windmills, Lansing, Mich.
Rosa Lbr. Co., Picayune, Miss.
Rosa, N. W., masons' & bldrs.' matls., Schenectady, N. Y.
Rosary Flower Co., Inc., landscape architects, 423 Park av, New York
Rosback, F. P., Co., book binders' machy., Benton Harbor, Mich.
Rosch, Math, cornices, 2937 N. Ashland av, Chicago, Ill.
Rosche, John, machst. & fndr., Schleisingerville, Wis.
Rosche & Suhs, machsts. & fndrs., Waupaca, Wis.
Roscoe, Edward F., contractor, Pittsfield, Mass.
Rose, Albert A., contractor, Penobscot Bldg., Detroit, Mich.
Rose Bros., & Co., umbrella mfrs., Lancaster, Pa.
Rose & Cecil, flour mills, Stillwater, Ky.
Rose Co., advtg. novelties & calendars, 804-6 Sansome, Phila., Pa.
Rose City Cotton Oil Mill, Little Rock, Ars.
Rose City Mfg. Co., lumber, Rose City, Mich.
Rose, D. M., & Co., sash, door & blind, Knoxville, Tenn.
Rose, Edw., architect, Elmhurst, N. Y.
Rose & Fisher, contractors, Sandusky & Duquesne wy, Pittsburgh, Pa.
Rose, Garland R., architect, Durham, N. C.
Rose, H., bowl'g alley bldrs., 145 Hamilton av, Brooklyn, N. Y.
Rose, H. A. (Est. of), masons' & bldrs.' matls., North Tonawanda, N. Y.
Rose Hill Lbr. Co., Inc., Penola, Va.
Rose, H. Wilson, architect, Newton Centre, Mass.
Rose & Hastie, elec. portables, 754 Lexington av, Brooklyn, N. Y.
Rose, J. A., Mfg. Co., automobile pumps, gasket cutters, guns & syringes, Hastings, Neb.
Rose & Johnson, mill & facty. supplies, Haverstraw, N. Y.
Rose Lake Lbr. Co., Roselake, Idaho.
Rose Mfg. Co., heaters, lamps, etc., 910 Arch, Phila., Pa.
Rose Mfg. Co., water cooler cocks, 120 W. 32d, New York.
Rose Patent Grate Co, Council Bluffs, Ia.
Rose, Peter, & Sons, harness mfrs., 9 S. Howard, Baltimore, Md.
Rose Point Stone & Lime Co., New Castle, Pa.
Rose Polytechnic Inst., engng. school & coll., Terre Haute, Ind.
Rose, Richard, wall paper mfr., Beverly, N. J.
Rose, Rich D., architect, Tiverton, R. I.
Rose, S., black carbons, 21 Maiden la, New York.
Rose, S., Co., emery wheel dressers, carbons, 12 John, New York.
Rose Spring & Mattress Co., Memphis, Tenn.
Rose, Strauss Co., electric portables, 208 W. 48th, New York.
Rose, Wm., & Bros., erasers, knives, trowels, Sharon Hill, Pa.
Rosealene Products Co., disinfectants, polish, etc., 667 Howard, San Francisco, Calif.
Roseberry, W. L., cornices, 345 N. Frazier, Phila., Pa.
Roseboom, J. A., & Co., corn brooms, Mattoon, Ill.
Roseboom, W. L., & Co., broom corn, 3544 S. Morgan, Chicago, Ill.
Roseboro, Chester E., carriages, New Holland, Pa.
Rosebrooks & Cummings, cornices & skylights, Webster, Mass.
Rosebud Oil & Cotton Co., meal, Rosebud, Tex.
Rosechlaub, Roberts S., archt., 3676 3d, San Diego, Cal.
Rosedale Contrg. & Supply Co., Hodiamont av, nr. Cates av, St. Louis, Mo.
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Rosehill Cornice Wks., 5909 N. Clark, Chicago, Ill.
Roseland Can & Spec. Co., Rockford, Ill.
Roseland Farm & Mfg. Co., meat packers, Warrensburg, Mo.
Roseland Veneer & Package Co., Ltd., Roseland, La.
Rosen, A. W., & Co., lamps, plugs, etc., 610 B'way, New York.
Rosen, Henry, scrap iron & steel, Toledo, Ohio.
Rosen Knitt'g Mills, sweaters, cardigans, etc., 2698 Atlantic av., Brooklyn, N. Y.
Rosen, R. O., architect, Todd bldg, Louisville, Ky.
Rosenbaum, C. E., Machinery Co., Little Rock, Ark.
Rosenbaum Hdwe, Co., hardware, wholesale, 2610 Washington av, Newport News, Va.
Rosenbaum Mfg. Co., machsts., 33 Bleecker, New York.
Rosenbaum, Samuel, architect, 51 Chambers, New York.
Rosenbaum & Philips, elec. & gas light fixtures, 204 W. Houston, New York.
Rosenberg Bros., scrap iron & rubber, Chelsea, Mass.
Rosenberg, F., Elev. Co., 174 Reed, Milwaukee, Wis.
Rosenberg, J. H., Jr., stone producers, Wheeling, W. Va.
Rosenberg Oil Co., belt dressing, lubricating oils, 2066 Milwaukee av, Chicago, Ill.

Rosenblatt, Hy., plate glass, 148 Fountain, Providence, R. I.
Rosenblatt, Wm. (Inc.), scrap tin, brass, 262 Water, New York.
Rosenbush & Solomon, Inc., bronze powder, enamels, paints, etc., 33rd & Shields av, Chicago, Ill.
Rosecrance, Clay C., flour mills, Mill Creek, W. Va.
Rosenfeld, I., cornices, 274 Av B, New York.
Rosengren, Ed., brooms, Lindsborg, Kans.
Rosenhirsch, H., Co., bristles, 10 Goddard, Providence, R. I.
Rosensohn, Hyman, architect, 800 Broad, Newark, N. .
Rosenson, D., & Sons, bags & suit cases, 1600 Baronne, New Orleans, La.
Rosenson, David, paint mfr., 407 Watkins, Brooklyn, N. Y.
Rosenstein Hy Co., toys 34H Union Sq., New York.
Rosenstiel, Chas., & Son, contractors, 606 Reading rd, Cincinnati, Ohio.
Rosenthal, Albert, contractor, Garrett Bldg., Baltimore, Md.
Rosenthal Bros., silk tassels, 463 Broome, New York.
Rosenthal, Christian, soap, Detroit, Mich.
Rosenthal & Cohen, packing box mfrs., 53 Great Jones, New York.
Rosenthal Corn Husker Co., West Allis, Milwaukee, Wis.
Rosenthal, H. A., scrap rubber, Trenton, N. J.
Rosenthal, Jos., cornices, 220 N. 5th, Phila., Pa.
Rosenthal, O. W., & Co., contractors, 80 E. Jackson, Chicago, Ill.
Rosenthal's, Jos., Sons, babbitt metal, brass castings, 190 W. Berks, Phila., Pa.
Rosenwach, J., wood tanks, 619 Grand, New York.
Rosenwald & Weil, rubber sheeting & cloth, 1514 W. Kinzie, Chicago, Ill.
Roseville Pottery Co., Linden av, Zanesville, Ohio.
Rosewarne, Wm., contractor, Mishawaka, Ind.
Rosewater Electric Co., blowers, 5516 Hinsman rd, Cleveland, O.
Rosiclare Lead & Fluorspar Mines, Rosiclare, Ill.
Rosie Mill & Gin Co., Rosie, Ark.
Rosin & Turpentine Export Co., 26 Cortlandt, New York.
Rosing, Astrid S., masons' & bldrs.' matls., 111 W. Monroe, Chicago, Ill.
Rosman Tanning Extract Co., Rosman, N. C.
Rosman & Wierdsma, architects, 424 Jefferson, Milwaukee, Wis.
Ross, Adam, Cut Stone Co., 1003 B'way, Albany, N. Y.
Ross, B. W., & Son, contrs., Easton, Md.
Ross Boiler Co., 3600 Shields av, Chicago, Ill.
Ross Bros., Co., garden barrows, whol. hdwe., 90 Front, Worcester, Mass.
Ross Bros., iron fences, Miners Mills, Pa.
Ross, C. E., clothes washing machines, Lincoln, Ill.
Ross Carriage Mfg. Co., Union City, Ind.
Ross, Chas. & Son Co., paint grinding & mixing machy., 148 Classon av, Brooklyn, N. Y.
Ross Construction Co., Sacramento, Cal.
Ross, C. W., contr., Middlebury, Vt.
Ross, Donald, contractor, 459 7th av, New York.
Ross, E. C., canned goods, Seaford, Del.
Ross, E. W., Co., agricultural implements, Springfield, Ohio.
Ross, Francis J., mill & facty. supplies, Hoboken, N. J.
Ross, Frazer, Iron Co., St. Joseph, Mo.
Ross, Fred C., lumber, 517 Warren av, W. Detroit, Mich.
Ross Gear & Tool Co., Lafayette, Ind.
Ross, Giles, contractor, Wilkes-Barre, Pa.
Ross-Gould Co., addressing, mailing & filing devices, Olive & 10th, St. Louis, Mo.
Ross, H. W., Lumber Co., Minneapolis, Minn.
Ross Hardware Co., Eufaula, Ala.
Ross Heater & Mfg. Co., Inc., feed water heaters, Mutual Life Bldg., Buffalo, N. Y.
Ross Heel Co., South Easton, Mass.
Ross, Henry, architect, 6741 Sheridan Road, Chicago, Ill.
Ross, I., Hdwe. & Plumbing Supply Co., 1801 Carson, Pittsburgh, Pa.
Ross, I. R., architect, Winfield, Kans.
Ross, Ivory S., granite, Biddeford, Me.
Ross, J. A., turpentine, Surrency, Ga.
Ross, J. A., & Co., contractors, 4561 Armitage av, Chicago, Ill.
Ross, J. J., Mill furnishing Co., Portland, Ore.
Ross, J. M., marble prod., Knoxville, Tenn.
Ross, Jas. H., masons' & bldrs.' matls., 141 Erie, Buffalo, N. Y.
Ross, John A., contractors, Frankfort, Ind.
Ross, Jos., & Co., cork screws, paper cutters, etc., Irvington, N. J.
Ross & McNeil, architects, 45 W. 34th, New York
Ross Machine Co., machsts. & fndrs., Lafayette, Ind.
Ross Mfg. Co., hack saw blades, 1225 Lydia, Kansas City, Mo.
Ross Mfg. Co., feed water heaters, Northville, Mich.
Ross Mfg. Co. (The), wheel truing tools for precision grinding, 3160 W. 106th, Cleveland, Ohio
Ross-Mayer Mfg. Co., leather measuring machines, 1423 Olive, St. Louis, Mo.
Ross Mechanical Supply Co., mill & facty. supplies, 2 Ross, Pittsburgh, Pa.
Ross-Meehan Foundries, Chattanooga, Tenn.
Ross-Moyer Mfg. Co., harness machy., Cincinnati, Ohio.
Ross, P. Sanford, contractor & dock bldr., 277 Washington, Jersey City, N. J.
Ross Power Equipt. Co., rebuilt machy, Merchants Bank bldg, Indianapolis, Ind.
Ross, R. G., contractor, Jacksonville, Fla.
Ross, R. J., Mfg. Co., fire proof doors, 4241 Ogden av, Chicago, Ill.
Ross & Ralph, granite, Barre, Vt.
Ross & Republic Marble Co., Knoxville, Tenn.
Ross & Sawyer, contrs., Billings, Mont.
Ross Structural Iron Wks., Richmond, Va.
Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.
Ross Thos., & Bros. Soap Co., W. Mound & River, Columbus, O.
Ross, Thos. Patterson, architect, 310 California, San Fran., Cal.
Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.
Ross, W. A., & Bro., cements, stained glass substitutes, 11 S. William, New York.
Ross, W. H., architect, Grand Forks, N. D.
Ross, Walter D., htg. contrs., 263 Summer, Boston, Mass.
Ross Warren Lumber Co., Jamestown, N. Y.
See adv. index at end of book.
Ross & Wentworth, lbr., Bay City, Mich.
Ross, Wm., & Co., burlap bags, 407 No. Peoria, Chicago, Ill.
Ross, Wm. S., stone producers, wkrs. & dlrs., 254 Douglass, Brooklyn, N. Y.
Rose & Williams, canned goods, Princess Anne, Md.
Ross-Willoughby Co., contrs.' tools & supplies, mill & facty. supplies, 109 E. Spring, Columbus, Ohio.

Ross, Wortham Co., car ventilators, McCormick Bldg., Chicago, Ill.
Ross & Young Mach. Co., Jefferson & McDougall avs, Detroit, Mich.
Rossbach Art Glass Wks., 101 W. Broad, Columbus, Ohio.
Rossbach, J. H., & Bros., crude rubber, 55 Frankfort, New York.
Rossborough, W. J., elevators, 625 Long av, Cleveland, O.
Rosseau, Chas. J., architect, 240 Grand av, San Diego, Cal.
Rosseau, S. L., architect, Avalon, Pa.
Rossell Bros., & Co., revolving chairs, 255 S. 3d, Phila., Pa.
Rossell, Hy, high speed steel, 24 S. Jefferson, Chicago, Ill.
Rossell, I. S., contractor, 1 Madison av, New York.
Rossell, R. G., architect, 610 Schwind, Dayton, Ohio
Rossello, P. R., architect, Congress bldg, Detroit, Mich.
Rossendale-Reddaway Belting & Hose Co., belting mfrs., Newark, N. J.
Rosser, Chas., contractor, Bellaire, Ohio.
Rosser & Maloney, contractors, Bellaire, Ohio.
Rossi Bros., Co., granite producers, Milford, N. H.
Rossi & Casellini, granite, Barre, Vt.
Rossi Saddlery Co., St. Joseph, Mo.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Rossie Velvet Co., Mystic, Conn.
Rossiter, E. K., architect, 15 W. 38th, New York
Rossiter, J. Morris, contractor, Wayne, Pa.
Rossiter & Muller, architects, 16 W. 38th, New York.
Rosslyn Packing Co., meat packers, Rosslyn, Va.
Rosslyn Steel & Cement Co., bldrs. supplies, Woodward bldg, Washington, D. C.
Rossman, Robert, Co., tile, mosaics, etc., 154 W. 49th, New York.
Rossman, Roy G., wrapping machines tier, Seattle, Wash.
Rossney Contrg. Corp., Mutual Life Bldg., Buffalo, N. Y.
Rossville Canning Co., Rossville, Ill.
Rosswell Hardware Co., Rosswell, N. M.
Rostand Mfg. Co., fire place furnishings, auto & car hardware, etc., Milford, Conn.
Roswell Mfg. Co., cotton sheeting, Roswell, Ga.
Rotary Mfg. Co., water heaters, 1526 Santa Fe av, Los Angeles, Cal.
Rotary Meter Co., 52 Vanderbilt av, New York.
Rotary Tire & Rubber Co., Zanesville, Ohio.
Rotax Co., soldering flux, 38 E. 133d, New York.
Rote, A. B., & Co., steel structural wk., Lancaster, Pa.
Roth, A. L., Co., masons' & bldrs.' matls., Reading, Pa.
Roth, Adam E., brick, Pottstown, Pa.
Roth, Andrew, architect, La Crosse, Wis.
Roth & Augspurger, machsts., Gibson City, Ill.
Roth-Blum Packing Co., meat, 1490 Fairfax, San Francisco, Cal
Roth Bros. & Co., auto. engine starters, 1400 W. Adams, Chicago, Ill.
Roth Cadillac Co., auto tops, Erie, Pa.
Roth, Edgar, architect, 1550 Saginaw av, Chicago, Ill.
Roth, Emery, architect, 119 W. 40th, New York.
Roth, Gottlieb, machst., 602 Beach, Philadelphia, Pa.
Roth, H & Sons, Co., whol. hdwe, 942 Mission, San Francisco, Cal.
Roth, Henry W., contractor, Nazareth, Pa.
Roth, J. C., carriages, Lowell, Mich.
Roth, Jacob, scrap copper, 1458 Clinton av, Detroit, Mich.
Roth, Jno., architect, 199 Locust, Milwaukee, Wis.
Roth, John C., Packing Co., meat, 1010 Gest, Cincinnati, Ohio.
Roth, Joseph, & Co., knitted gloves, Toledo, Ohio.
Roth Mfg. Co., brass & iron specialties, 1600 S. Kilbourne av, Chicago, Ill.
Rothan, Geo. J., sash, door & blind mfrs., Peoria, Ill.
Rothchild Engine Co., 102 Centre, New York.
Rothchild, W. S., architect, Rockaway Park, N. Y.
Rothe, Jos. F., Foundry Co., Green Bay, Wis.
Rothenberger, D. M., archt., 140 N. Queen, Lancaster, & 341 Greenwich, Reading, Pa.
Rother, Eugene P., architect, 2507 N. Cullom av, Chicago, Ill.
Rothert, Harry, cornices, 1452 Walnut, Cincinnati, Ohio.
Rothfritz, R. E. K., stone, Asbury Park, N. J.
Rothfuss-Howard Iron Wks., machsts. & fndrs., Williamsport, Pa.
Rotholz, A. N., crude rubber, 123 Liberty, New York.
Rothschild Bros. & Co., button mfrs., 1115 B'way, New York.
Rothschild-Kuno Button Wks., 107 W. 25th, New York.
Rothschild, Le Roy R., architect, 1225 Sansom, Phila., Pa.
Rothschild, M., zinc, 207 Norman av, Brooklyn, N. Y.
Rothschild, Meyers, & Co., kitchen enameled ware, 135 5th av. New York.
Rothschild, R., scrap iron, steel & tin, 207 Norman av, Brooklyn, N. Y.
Rothstein, Morris, architect, 2109 3rd av, New York.
Rothweiler Truck Co., Seattle, Wash.
Rothweiler & Co., barrel pumps, 3301 1st av S., Seattle, Wash.
Rotier, H. J., architect, 141 Wisconsin, Milwaukee, Wis.
Roto Co., boiler cleaners, air & water motors, Hartford, Conn.
Rotospeed Co., duplicators, Dayton, Ohio.
Rotthouse, Chas. A., carriages, Edgemoor, Del.
Roty, A., cornices, 206 High, Buffalo, N. Y.
Rounce, J. S., machst. & fndr., Ellsworth, Wis.
Round, D., & Son, chains & hoists, Penn. R. R. & Henry, Cleveland, Ohio.
Round, Harry W., machst. & fndr., Traverse City, Mich.
Round Mountain Mining Co., gold & silver alloys, metals & ores, 1 Montgomery, San Francisco, Cal.
Round Rock Broom Co., Round Rock, Tex.
Round Top Glass Sand Co., Hagerstown, Md.
Rounds Elec. Co., decorative elec., lighting, 44 Boylston, Boston, Mass.
Rounds, T. W., Co. (Ltd.), harness mfrs., 48 Washington, Providence, R. I.
Roundup Coal Mining Co. (The), Omaha, Neb.
Rounsville, F. G., masons' & bldrs.' matls., Fowlerville, Mich.
Rountree, H. W., & Bro. Trunk & Bag Co., Richmond, Va.
Roure-Bertrand Fils, oils, 18 Cedar, New York.
Rourke Bros. Co., cornices, 834 Grand av, New Haven, Conn.
Rourke, Henry L., architect, Hildreth Bldg., Lowell, Mass.
Rourke, Jno., & Sons, mill & facty. supplies, Savannah, Ga.
Rouse Constr. Co., Poughkeepsie, N. Y.
Rouse, Geo., & Son, contractors, Canandaigua, N. Y.
Rouse & Goldstone, architects, 40 W. 32d, New York.
Rouse, H. B., & Co., machsts., 2214 Ward, Chicago, Ill.
Rouse, J. S., lumber, Limaburg, Ky.
Rouse & Phillips, lbr. mfrs., West Oneonta, N. Y.
Rouseville Supply Co., mill, facty. & oil well supplies—wholesale hdwe., Rouseville, Pa.

Rouss, C. B., wholesale hdwe., 549 B'way, New York.
Rousseau, A. F., & C. M., archts., 110 Sutter, San Francisco, Cal.
Rousseau, Francis X., architect, 2 E. 23rd, New York.
Rousseau & Rousseau, architects, 110 Sutter, San Fran., Cal.
Routh, W. C., & Co., meat packers, Logansport, Ind.
Routt Bros., contrs., Sullivan, Ind.
Routt, W. A., & Son, contrs., Washington, Ind.
Rover, A. B., water motors, Binghamton, N. Y.
Roux, E. T., & Son, sash, door & blind, Plant City, Fla.
Roux Granite Co., Barre, Vt.
Rouzer, John, Co., contractors, 71 Wyandot, Dayton, Ohio.
Row & Davis Engnrs., Inc., naval architects and engineers, 90 West, New York.
Rowan Controller Co., electric controller mfrs., 308 N. Holliday, Baltimore, Md.
Rowan County Freestone Co., Farmers, Ky.
Rowan, Hy. A., Jr., machst., 2036 Sansom, Philadelphia, Pa.
Rowan, James F., 7 Water, Boston, Mass.
Rowan, P. P., Co., Ltd., whol. hdwe., 920 Peridido, New Orleans, La.
Rowat Cut Stone Co., Des Moines, Ia.
Rowbottom Machine Co. (The), bench power presses, cam milling machines, cams, disc grinders, etc., Waterbury, Conn., factory, Waterville, Conn.
Rowe, A. C., & Son, watchmen's portable clocks, 78-80 Reade, New York.
Rowe Calk & Chain Co., Plantsville, Conn.
Rowe, Chas. Barr, architect, 5938 Prairie av, Chicago, Ill.
Rowe Contracting Co., Chestnut Hill av, Boston, Mass.
Rowe, E. H., lumber, Achilles, Va.
Rowe, E. L., & Son, contractors' tents, flags, hammocks, etc., Gloucester, Mass.
Rowe, Frank E., architect, New Milford, Conn.
Rowe, Geo., & Son, saws, 121 W. 2d, Cincinnati, Ohio.
Rowe & Giles Lumber Co., Chagrin Falls, Ohio.
Rowe, Harry W. architect, 120 E. 40th, New York.
Rowe, Henry, Mfg. Co., automatic wood turnings, Newaygo, Mich.
Rowe, Jas., machst., 1058 W. Harrison, Chicago, Ill.
Rowe, John A., cut stone Co., Bedford, Ind.
Rowe, L. L., furnace regulators, washers, etc., 74 Portland, Boston, Mass.
Rowe, M. A., machst. & fndr., Martinsville, Ill.
Rowe Mfg. Co., farm gates, hog oilers, Galesburg, Ill.
Rowe, R. H., architect, Amer. Bank bldg, Seattle, Wash.
Rowe Ring-Point Co., case hardening compounds & welding plates, Hartford, Conn.
Rowe Sanitary Mfg. Co., chemical closets, 210 6th av, Detroit, Mich.
Rowe, Thomas F., archt., 518 Main, Worcester, Mass.
Rowe, W. A., & Co., fertilizer, Comer, Ga.
Rowekamp, Bernard J., steel structural wk., 2620 Colerain av, Cincinnati, Ohio.
Rowell, D. G., machy., Appleton, Wis.
Rowell, F. P., masons' & bldrs.' matls., Newport, N. H.
Rowell, G. D., & Son, car movers & pushers, Appleton, Wis.
Rowell, I. B., Co., agricultural implements, Waukesha, Wis.
Rowell, J. C., contractor, Petersburg, Va.
Rowell Mfg. Co., melting furnaces, Appleton, Wis.
Rowell & Plummer, contractors, Concord, N. H.
Rowell, W., lumber mfr., Sunapee, N. H.
Rowell & Collins C., architects, Spreckels bldg, San Francisco, Cal.
Rowena Stone & Sand Co., Johnstown, Pa.
Rower Beine Paint Mfg. Co., 1524 N. 15th, St. Louis, Mo.
Rowe's, Robt., Sons, carriages & wagon wheels, Brentwood, N. H.
Rowesville Oil Co., meal, Rowesville, S. C.
Rowland, Alonzo, contractor, 4322 Pechin, Rox., Phila., Pa.
Rowland Bros., masons' & bldrs.' matls., Bevier, Mo.
Rowland, Chas. P., glass stainers, Binghamton, N. Y.
Rowland, David, architect, Conestoga bldg, Pittsburgh, Pa.
Rowland, Geo. M., architect, St. Nicholas bldg, Pittsburgh, Pa.
Rowland, John B., fertilizer mfr., Monmouth Junction, N. J.
Rowland, John R., charcoal, Clementon, N. J.
Rowland, John T., Jr., architect, 100 Sip av, Jersey City, N. J.
Rowland Lbr. Co., Norfolk, Va.
Rowland Mfg. Co., storm sash hangers, Denver, Colo.
Rowland Sheet Iron & Cornice Wks., 3713 Cass av, St. Louis, Mo.
Rowland, T. T., & Son, agricultural implements, Tuscumbia, Ala.
Rowland, Wm., & Harvey, springs, Tacony & Lewis, Phila., Pa.
Rowlands, John C., architect, Homestead, Pa.
Rowlands Power Consolidated Collieries Co., 221 So. 6th, Terre Haute, Ind.
Rowles, E. W. A. Co., blackboards, erasers, church & school furniture, 2345 S. La Salle, Chicago, Ill.
Rowlett, B. J., architect, Old Dominion Trust bldg., Richmond, Va.
Rowley Bros., contractors, 812 W. 63d, Chicago, Ill.
Rowley, C. B., contractor, Brainerd, Minn.
Rowley, Frank G., Co., contractor, Pawtucket, R. I.
Rowley, John F., architect, 477 5th av, New York.
Rowley, Wm. M., & Co., lumber mfrs., Cuba, N. Y.
Rowlingson, D. E., machy. dirs., Utica, N. Y.
Rownson, Drew & Clydesdale, Inc., iron & steel, 80 Wall, New York.
Rowntree, Jno. T., metals, Denver, Colo.
Rowton, H. A., roll coverers, Fitchburg, Mass.
Roxbury Construction Co., 18 Clifton, Boston, Mass.
Roxbury Iron & Metal Co., scrap iron, 140 Granite av, Dorchester, Mass.
Roxbury Shoe Thread Co., 35 Wormwood, Boston, Mass.
Roxton Cotton Oil Co., meal, Roxton, Tex.
Roy, B. S., & Son Co., textile machy., etc., Worcester, Mass.
Roy Bros., lbr. mfrs., East Barnet, Vt.
Roy & Dye, flour mills, Mintonville, Ky.
Roy, Dennis, contr., Manchester, N. H.
Roy, E. B., Lumber Co., Seattle, Wash.
Roy Engng. & Iron Wks., machsts. & fndrs., 51 Otsego, Brooklyn, N. Y.
Roy, Franz, architect, 7817 S. Shore Drive, Chicago, Ill.
Roy, J. A., brick, Lafayette, La.
Roy, J. G., & Sons, contrs., Springfield, Mass.
Roy, Melvin S., architect, Mt. Clemens, Mich.
Roy & Titcomb, mill & facty. supplies, Nogales, Ariz.
Roy Watch Case Co., 81 Prospect, Brooklyn, N. Y.
Roy Woolen Co., carriage robes, Watervliet, N. Y.
Royal Art Glass Co., 243 Canal, New York.
Royal Blue Slate Co., roofing slate mfrs., Slatedale, Pa.
Royall & Borden, cotton felts, Goldsboro, N. C.
Royal Brass Mfg. Co., machsts. & fndrs., 1417 E. 43d, Cleve., O.
Royal Bronze Ink Co., 5144 Irving, Philadelphia, Pa.
Royal Button Wks., 13 W. 17th, New York, & 505 Market, Philadelphia, Pa.
Royal Cedar Co., Marysville, Wash.
Royal Chair Co., Sturgis, Mich.
Royal Chandelier Works, Allentown, Pa.
Royal Chemical Co., platers' & polishers' compounds, alkali, soap, etc., Phenix, R. I.
Royal China Co., Sebring, Ohio.
Royal Comb. Co., celluloid combs, Leominster, Mass.
Royal Constr. Co., 160 W. Jackson, Chicago, Ill.
Royal Display Fixture Co., 812 B'way, New York.
Royal Elec. Co., lightning arresters, Sidney, Ohio.
Royal Elec. Mfg. Co., 556 E. 40th, switches, Chicago, Ill.
Royal Enameling Mfg. Co., metallic shades, car signs, Des Plaines, Ill.
Royal Fibre Co., brake bands, W. Somerville, Mass.
Royal Furn. Co., Dept. H, Grand Rapids.
Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.
Royal Glue Co., 1311 G. N. W., Washington, D. C.
Royal Heating Co., 280 Minna, San Francisco, Cal.
Royal Iron & Mfg. Co., Big Prairie, Ohio.
Royal Knitting Mills, sweaters, etc., 846 W. Jackson Blvd., Chicago, Ill.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
Royal Lamp Co., Cleveland, Ohio.
Royal Lamp Shade Co., 39 E. 19th, New York.
Royal Mantel Co., furniture, Dept. H, Rockford, Ill.
Royal Mfg. Co., cotton waste, Rahway, N. J.
Royal Mfg. Co., frying baskets, pot covers, 406 Commerce, Philadelphia, Pa.
Royal Mfg. Miller-Hoefer Co., silver nov., 89 Jefferson av, Detroit, Mich.
Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.
Royal Metal Mfg. Co., metallic furniture, 2318 S. Western av, Chicago, Ill.
Royal Milling Co., flour, Nashville, Tenn.
Royal Mills, bags & bagging, Charleston, S. C.
Royal Motor Truck Co. of N. Y., 112 8th av, New York.
Royal Music Roll Co., 2964 Main, Buffalo, N. Y.
Royal Packing Co., canned goods, Los Angeles, Cal., Milton, Del., & Windfall, Ind.
Royal Polishing Wks., 255 Centre, New York.
Royal River Mfg. & Power Co., bags, twine, etc., Yarmouth, Me.
Royal Steel Products Co., signs, flag poles, vanes, benches, guards, etc., 1440 B'way, New York.
Royal Steam Heater Co., Gardner, Mass.
Royal Stove Co., stove mfrs., Spring City, Pa.
Royal Telephone Co., binding posts, Milford, Ind.
Royal Textile Co., cotton waste, 200 Congress, Boston, Mass.
Royal Typewriter Co., 366 B'way, New York.
Royal Upholstered Furn. Co., 137H N. 2nd, Phila., Pa.
Royal Varnish Co., Toledo, Ohio.
Royal Ventilator Co., 415 Locust, Philadelphia, Pa.
Royall & Barden Furn. Co., Dept. H, Raleigh, N. C.
Royall Cotton Mills, Wake Forest, N. C.
Royden Marble Machy. Co., 137 E. 25th, New York.
Roydhouse, Arey, Co., contractors, Fidelity Bldg., Phila., Pa.
Royer, Chas., brick, Belle Center, Ohio.
Royer, Jos. W., architect, Flatiron Bldg., Urbana, Ill.
Royer & Zwiebel, governors—electric hoist, Wilkes-Barre, Pa.
Royersford Foundry & Machine Co., machy. mfrs., Royersford, Pa.
Royle, John, & Sons, machsts., Paterson, N. J.
Roys Heat Control Co., 913 Gates av, Brooklyn, N. Y.
Royse Oil Mill Co., meal, Royse, Tex.
Royster, F. S. Guano Co., fertilizer, mfrs., Norfolk, Va.
Royston Guano & Warehouse Co., Royston, Ga.
R. P. K. Pressed Metal Co., shoe-trees & sheet metal stamping, Bridgeport, Conn.
R. R. Sign Co., Dayton, Ohio.
R. & S. Engraving & Die Wks., 625 W. Jackson blvd, Chicago, Ill. *See adv index at end of book*
R. & S. Mach. Co., 24 L, S. Boston, Mass.
Rubber Fibre Co., sheet packing & shoe cover mfrs., 560 First, Boston, Mass.
Rubber Goods Mfg. Co., B'way & 58th, New York.
Rubber Insulated Metals Corp., pliers, screw-drivers, Plainfield, N. J.
Rubber & Metal Supply Co., 157 South, New York.
Rubber Paint Co., paint mfrs., c. Warner & Wooster, Baltimore, Md.
Rubber Products Co., Barberton, Ohio.
Rubber Regenerating Co., rubber (reclaimed), Mishawaka, Ind.
Rubber Roofing Mfg. Co., 5 Cortlandt, New York.
Rubber Stopple Co., rubber goods, West av, Long Island City, N. Y.
Rubber Sundries Co., mill & facty. supplies, 1387 W. 9th, Cleveland, Ohio.
Rubber Trading Co., 9 Murray, New York.
Rubber Waste Co., 152 Lincoln, New York.
Rubberhide Co., rubber boots, 212 Essex, Boston, Mass.
Rubberset Co., auto. tire preserver, roofing & carbon brushes, etc., 56 Ferry, Newark, N. J.
Rubel Loose Leaf Mfg. Co., 314 W. Superior, Chicago, Ill.
Rubelman, G. A., Hdwe. Co., 907 N. 6th, St. Louis, Mo.
Rubelmann, Lucas, Hdwe. Co., 1939 N. B'way, St. Louis, Mo.
Rubendall, E. I., contr., Freeport, Ill.
Rubens Paint & Glass Co., Inc., Richmond, Va.
Rubenstein, H., & Co., mattresses, 640 W. 14th, Chicago, Ill.
Rubenstein, L., jewelry cases, 380 Lafayette, New York.
Rubes Elec. Devices, elec. & gas light portables, 255 Classon av, Brooklyn, N. Y.
Rubin Iron Wks., machsts. & elec. welding, Jacksonville, Fla.
Rubin, Jacob, plate glass, 11 James, New York.
Rubin & Ve Shancey, architects, Union Arcade, Pittsburgh, Pa.
Rubinow Edge Tool Wks., 35 Vesey, Newark, N. J.
Rub-No-More Co., acids, soap, Ft. Wayne, Ind.
Ruboil Belting Co., 41 N. 10th, Phila., Pa.
Rub-On Mfg. Co., valve reseating tools, 216 Niagara, Buffalo, N. Y.
Rubottom Plow Fcty., machsts., Felton, Cal.
Rubsam, W. A., stone producers, Springfield, Ohio.
Rubush & Hunter, architects, Amer. Cent. Life Bldg., Indianapolis, Ind.
Ruby Carriage Co., Louisville, Ky.
Ruby Chemical Co., soldering flux, 70 McDowell, Columbus, Ohio

Ruby, Geo. H., Hardware Co., Oneida, N. Y.
Ruby Lumber Co., masons, & bldrs.' matls., Madisonville, Ky.
Ruby Mfg. Co. See Case Mfg. Co. (successor).
Ruby, R. B., masons' & bldrs.' matls., Oneida, N. Y.
Ruch Auto Top Co., auto. trunks, Mt. Vernon, N. Y.
Ruch, John, cornices, Richmond, Ind.
Ruckel Art Glass Co., Pugh Bldg., Cincinnati, Ohio.
Ruckel, J. H., & Son, mill & facty. supplies, 81 Main, Buffalo, N. Y.
Rucker, Benton & Co., flour mills, Waco, Ky.
Rucker Bros., lumber mfrs., Lake Stevens, Wash.
Rucker, J. B., & Son, flour, Troup, Tex.
Rucker Quarries, stone producers, Greenfield, Ohio.
Ruckman Bros., fertilizer mfrs., New Brunswick, N. J.
Rud, C. O., wagons, Lansing, Ia.
Ruddell, Geo. W., Co., contractors, 30 W. 42d, New York.
Rudder Publishing Co., 9 Murray, New York.
Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.
Ruddock Yacht Wks., 213th & Harlem River, New York.
Ruddy, J. P., Co., mill & facty. supplies, Tacoma, Wash.
Ruddy, M. J., contractor, Scranton, Pa.
Rude, C. O., masons' & bldrs.' matls., South Bend, Wash.
Rude Mfg. Co., agricultural implements, Liberty, Ind.
Rudge Jno. Foundry Co., Port Huron, Mich.
Rudgear-Merle Co., machsts. & fndrs., 198 Bay, San Francisco, Cal.
Rudman & Scofield, tinware, mfrs., 277 Pearl, New York.
Rudolf Piano Co., 220 So. Blvd, New York.
Rudolph & Son Co., cornices, skylights, 416 Prospect av, N. W., Cleveland, Ohio.
Rudolph & West Co., wholesale hdwe., 1332 New York av, Washington, D. C.
Rudolph, Wm. F., experimental & models wk., 1308 Girard av, Philadelphia, Pa.
Rudy Bros. Co., glass stainers, Highland & Center, Pittsburgh, Pa.
Rudy Brown Co., brooms, Madisonville, Ky.
Rudy, Jno. A., & Son, advtg. novelties, Carlisle, Pa.
Rue, John C., masons' & bldrs.' matls., Gallipolis, Ohio.
Rue Mfg. Co., boiler washing systems & injectors, 228 Cherry, Philadelphia, Pa.
Rue Mfg. Co., washing mach., Ambay, Minn.
Buebel, Jno, Constr. Co., 1876 Hanfield, N. S., Cincinnati, Ohio.
Rueckert, Jacob J., architect, Blymyer bldg., Cincinnati, Ohio.
Rueckert Mfg. Co., jewelry cases, 162 Clifford, Providence, R. I.
Ruecking Const. Co., contrs., Marine av & Gasconade, St. Louis, Mo.
Ruedlinger, C. N., landscape architect, 2929 Colfax av, Minneapolis, Minn.
Ruedy Bros., meat packers, Toledo, Ohio.
Ruegg Bros., contractors, Pacific Bldg., San Francisco, Cal.
Ruehle, E. G., & Co., architects' instruments & supplies, 119 Fulton, New York.
Ruehle, John, fertilizer mfr., Defiance, Ohio.
Ruehrmund, Max E., architect, Allison bldg, Richmond, Va.
Ruemmeli-Dawley Mfg. Co., machsts. & fndrs., 3900 Chouteau av, St. Louis, Mo.
Ruesch, H. J., Mach. Co., 407 Mulberry, Newark, N. J.
Ruese, E. F., Sidney, Ohio.
Rueth, Jos., archl. iron, 462 10th av, New York.
Ruettgers Ernst, Inc., cutlery, files & tweezers, 242-46 Chestnut, Brooklyn, N. Y.
Ruf, Herman P., machsts., 93 Crosby, New York.
Ruff, E. G., canned goods, Delta, Pa.
Ruff & Rehmeyer, canned goods, Woodbine, Pa.
Ruffini, Oscar, architect, San Angelo, Tex.
Rugby Milling Co., flour, Rugby, N. D.
Ruge Bros. Canning Co., Apalachicola, Fla.
Ruger, J. W., Mfg. Co., engines, Buffalo, N. Y.
Ruger, Louis, cornices, 1603 N. 4th, Philadelphia, Pa.
Rugg, C. H., Co., plate glass, sash, door & blind mfrs., Rochester, N. Y.
Rugg, C. H., Co., sash, door & blind mfrs., 101 Park av, New York.
Rugg Construction Co., Syndicate Trust Bldg, St. Louis, Mo.
Rugg, E. T., & Co., halters & rope, Newark, Ohio.
Rugg Mfg. Co., wood handles, Greenfield, Mass.
Ruggles-Coles Engineering Co., dryers, 50 Church, New York.
Ruggles-Klingemann Mfg. Co., steamfitters' supplies, 10 High, Salem, Mass.
Ruggles, L. H., architect, Tulsa, Okla.
Ruggles Mach. Co., machsts. & fndrs., Poultney, Vt.
Ruggles, Walter G., Co., exhaust heads, 10 High, Boston, Mass.
Ruh, Geo. W., trunks, Bloomington, Ill.
Ruhe & Lange, architects, 10 N. 6th, Allentown, Pa.
Ruhl, Geo. S., carriages, Bucyrus, Ohio.
Ruhl, John C. W., architect, 3157 Hull av, New York
Ruhl, J. W., stone producers, Covington, Ohio.
Ruhle, Christian, masons' & bldrs.' matls., Kankakee, Ill.
Ruhmann, G. E., furnaces, Schulenburg, Tex.
Ruickwork Co., sheet metal workers, machines & tools, St. Marys, Ohio.
Ruka Bros. Mfg. Co., Ltd., masons' & bldrs.' matls., Boscobel, Wis.
Ruke Carleton Co., tannery machy., Olean, N. Y.
Rule, Geo. B., contractor, New Brunswick, N. J.
Rullfson, J. W., architect, Jamestown, N. Y.
Rullman & Wilson, marble exterior wk., Lafayette E. of Mt. Royal, Baltimore, Md.
Rulofson, A. C., Co., manufacturers' agents steel products, Monadnock bldg., San Francisco, Cal.
Rumely, M., Co. See Advance Rumely Thresher Co., Inc. (successor).
Rumery, F. A., Co., contractors, Portland, Me.
Rumford Metal Co., aluminum alloys, 200 5th av, New York.
Rumley, C. & G., lbr., York, Ala.
Rumley, Leo, Tractor Co., La Porte, Ind.
Rummel, H. F. L., sashes, doors & blinds, Reading, Pa.
Rummell, Richard W., Jr., archit., Courtenary, Florida.
Rummler, Wm. B., mfrs. interior hardwood wk., 367 W. 11th, New York.
Rump, Fred J., contractor, Fort Wayne, Ind.
Rumpp, C. F., & Sons, advtg. nov. & spec., 5th & Cherry, Philadelphia, Pa.
Rumrill & Co., seamless tin boxes, 52 Purchase, Boston, Mass.
Rumsey, C. J., & Co., wholesale hdwe., Ithaca, N. Y.
Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
Rumsey Pump & Machine Co., 75 Warren, New York.

Runde, Otto, architect, 4831 Barry av, Chicago, Ill.
Rundio, Nelson L., fndrs., Williamsport, Pa.
Rundle, A. J., mill & facty. supplies, Iron Mountain, Mich.
Rundle, Geo., contr., Yonkers, N. Y.
Rundle Mfg. Co., machsts. & fndrs., 27th & Wahl, Milwaukee, Wis.
Rundle Novelty Co., children's vehicles, 142 N. 3rd, Columbus, O.
Rundle-Spence Mfg. Co., plumbers,' mill & facty. supplies, mfrs. & jobbers, 63 2d, Milwaukee, Wis.
Rundquist, C. E., contr., Galesburg, Ill.
Runge, H., & Co., machy. dlrs., Cuero, Tex.
Runions, R. W., & Co., bldg. contrs., Superior, Wis.
Runnells, O. E., masons' & bldrs.' matls., Lawrence, Mass.
Runnels, E. A., & Co., games, toys, etc., 111 Sumner, Boston, Mass.
Runner, D. M., contractor, Corning, N. Y.
Runquist, Jno., bldg. contr., Duluth, Minn.
Runskool Metal Co., 1095 Niagara, Buffalo, N. Y.
Runyan, C. C., & Son, cornices, Mansfield, Ohio.
Runyan & Co., lumber, Pensacola, Fla.
Runyan Mfg. Co., grease pumps, Grand Rapids, Mich.
Runyon, A. D., fertilizer mfr., Millington, N. J.
Runyon Bros., boxes (tobacco), Eaton, Ohio.
Runyon, J. D., Mfg. Co., 190 1st, Jersey City, N. J.
Runyon & Ogden Co., htg. contrs., Binghamton, N. Y.
Runzel-Lenz Elec. Mfg. Co., tel. cords, tips, etc., 1751 N. Western av, Chicago, Ill.
Rupert Edward P., architect, 154 W. Randolph, Chicago, Ill.
Rupert, G. G., gun cleaning tools, Decatur, Ill.
Rupp Bros., Inc., architects, 189 Montague, Brooklyn, N. Y.
Rupp Furniture Co., Hagerstown, Md.
Rupp, Geo., & Bros. Co., scrap iron & steel, Quincy, Ill.
Rupp, Geo., Packing Co., meat packers, Hamilton, Ohio.
Rupp, Harry R., masons' & bldrs.' matls., Egg Harbor, N. J.
Rupp, J. J., lbr. mfrs., Saginaw, Mich.
Rupp, John J., stone, 2135 Fillmore, Buffalo, N. Y.
Rupp, Jos. F., Bldg. & Contr. Co., 1901 E. Warne av, St. Louis, Mo.
Rupp Mfg. Co., jigs, fixtures & spec. machy, Hagerstown, Md.
Rupp, Michael, & Co., nautical instruments, 112 Broad, New York.
Ruppert, R. A., Co., cornices, Holyoke, Mass.
Ruprecht Elec'l. Co., rectifiers, Cleveland, Ohio.
Ruprecht, W. & F., contrs., 8011 S. B'way, St. Louis, Mo.
Rupright Bros., masons' & bldrs.' matls., Van Wert, Ohio.
Rusche, J. P., contractor, Grand Rapids, Mich.
Rush, E., & Rush, architects, Tulsa, Okla.
Rush Eraser Co., Syracuse, N. Y.
Rush, Frank H., contractor, 393 Greene av, Brooklyn, N. Y.
Rush, Frank W., lbr., Millinockett, Me.
Rush, H. G. Cooperage Co., tight wooden barrels, Oil City, Pa.
Rush, John H., contractor, Pottstown, Pa.
Rush Machine Co., 1305 Dorr, Toledo, Ohio
Rush Motor Truck Co., 1014 N. Front, Philadelphia, Pa.
Rushton-Carroll Co., waste end conveyors, 34 Tudor, Cambridge, Mass.
Rushton Cotton Mills, Griffin, Ga.
Rushton, J. H., motor boat bldrs., Canton, N. Y.
Rushton, J. W., sash, door & blind, Canton, N. Y.
Rushton, Sidney P., canoes, boat oars, Canton, N. Y.
Rushworth, George, archit., 354 Pine, San Francisco, Cal.
Rushworth & Son, machsts., Jamestown, N. Y.
Rusk Bros., masons' & bldrs.' matls., Mansfield, Ohio.
Rusk County Lbr. Co., Henderson, Texas.
Rush, F. S., architect, 16 S 3rd, Columbus, Ohio
Rusler, H. B., Mfg. Co., machinists, Johnstown, Ohio.
Rusling Co., steel tanks & towers, 39 Cortlandt, New York.
Russ, C., & Co., carriages, 263 Northampton, Boston, Mass.
Russ Co., faucets, plugs, pumps, refrigerators, 5700 Walworth av, Cleveland, Ohio.
Russ, Herman H., & Sons, steamfitters' supplies, Albany, N. Y.
Russ Lumber & Mill Co., San Diego, Cal.
Russ, W. E. architect, 313 N. Penn, Indianapolis, Ind., & Furniture bldg, Evanston Ind.
Russ, Z., lbr., Brownville, Fla.
Russe & Burgess, lumber, Memphis, Tenn.
Russel, L. E., architect, 25 N. Dearborn, Chicago, Ill.
Russell, A. N., & Sons Co., store fixtures, Ilion, N. Y.
Russell, Albert, & Sons Co., mill & facty. supplies, Newburyport, Mass.
Russell, Ambrose J., architect, Nat'l Realty Bldg., Tacoma, Wash.
Russell, Benton S., architect, Tarrytown, N. Y.
Russell Box Co., folding paper boxes, Chelsea, Mass.
Russell Bros., carriages, Lexington, Mo.
Russell Bros. & Estes Co., turned wood nov., etc., Farmington, Me.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Russell, C. H., architect, Story Bldg., Los Angeles, Cal.
Russell Car & Snow Plow Co., Ridgway, Pa.
Russell, Chas. T., architects, 327 N 1st, Richmond, Va.
Russell Chemical Co. (Ltd.), Russell, Pa.
Russell & Co., agricultural implements, Massillon, Ohio.
Russell Coal Mining Co., bituminous, Clymer, Pa.
Russell Constr. Co., Superior, Wis.
Russell, Daniel, Boiler Wks., steel plate wk., 93 Boston, Boston, Mass.
Russell, E. L., Co., storage battery charging sets, State Life Bldg., Indianapolis, Ind.
Russell, Edw. G., machst., Chesham, N. H.
Russell Elec. Co., fire alarms, Danbury, Conn.
Russell Elect. Co., heaters, irons, stoves, toasters, etc., 140 W. Austin, Chicago, Ill.
Russell & Erwin Mfg. Co., hdwe. mfrs., New Britain, Conn., & 96 Lafayette, New York.
Russell, F. N., architect, 42 Blue Hills Parkway, Mattapaw, Mass.
Russell Fdry. & Mach. Wks., 51 6th, Long Island City, N. Y.
Russell, Frank B., lbr. mfrs., Louisville, Ky.
Russell, Frank, Glove Co., Berlin, Wis.
Russell, Frederick A., archit., 336 4th av, Pittsburg, Pa.
Russell, G. A., contractor, Bloomington, Ill.
Russell Grader Mfg. Co., 2005 Univ. av, S. E., Minneapolis, Minn.
Russell, H. B., architect, 9 Park, Boston, Mass.
Russell, H. J., auto. windshields, Worcester, Mass.
Russell Hardware Co., McAlester, Okla.
Russell & Harn, architects, 25 West 42nd, New York.
Russell, J. C., cornices & skylights, Columbus, Ga.
Russell, J. C., Shovel Co., 336 4th av, Pittsburgh, Pa.

Russell, J., & Co., wholesale hdwe. & mill & facty. supplies & automobile accessories, Holyoke, Mass.
Russell, J. M., architect, Lumberton, N. C.
Russell, J. M., Mfg. Co., machsts. & fndrs., Naugatuck, Conn.
Russell, J. N., Lumber Co., Bowling Green, Ky.
Russell, Jas., Boiler Wks. Co., 307 C., Boston, Mass.
Russell, Jas., Co., meat, Ogden, Utah.
Russell & Jennison Co., contractors, 2463 B'way, Toledo, Ohio.
Russell, John B., Knife Wks., Napanoch, N. Y.
Russell, Jno., Cutlery Co., Turners Falls, Mass.
Russell, Jno. W., & Sons Co., mill & facty. supplies, Springfield, Mass.
Russell-Kinkaid Co., water softeners, 140-146 W. Austin av, Chicago, Ill.
Russell Knitting Wks., gloves & mittens, Springfield, Mass.
Russell, L. R., mattresses, Bay City, Mich.
Russell, Lewis H., architect, 3916 N. H. av, N. W., Wash., D. C.
Russell, M. C., contractor, Springfield, Ohio.
Russell Machine Co., 28th & A. V. R. R., Pittsburgh, Pa.
Russell Mfg. Co., belting, halters & cotton webbing, Middletown, Conn.
Russell Mfg. Co., machsts.. Greenfield, Mass.
Russell Mfg. Co., Marysville, Wash.
Russell Mfg. Co., rubber clock absorbers, 349 B'way, New York.
Russell-Miller Milling Co., flour, Minneapolis, Minn.
Russell Milling Co., flour, Russell, Kans.
Russell Motor Axle Co., Chene & B. L. R. R., Detroit, Mich.
Russell, Percy, electric-Dental machy., 12 E. 23d, New York.
Russell Playing Card Co., Milltown, N. J.
Russell & Pugh Lbr. Co., Harrison, Idaho.
Russell, Robert G., flour, South Lowell, N. C.
Russell & Russell, mattresses, South Bend, Ind.
Russell, Sam'l C., contractor, 185 Church, New Haven, Conn.
Russell Ship Bldg. Co., Portland, Me.
Russell Spec. Mfg. Co., fibre specialties, Lake & Sacramento, Chicago, Ill. *See adv index at end of book.*
Russell, Stanislaus, architect, 11 E. Lexington, Baltimore, Md.
Russell & Stoll Co., junction boxes, lamps, plugs, etc., 17 Vandewater, New York.
Russell, Thos. N., lumber, Lacey, Wash.
Russell & Trieber, stone producers, Elgin, Ill.
Russell, W. A., & Co., steam & plumbing specialties, 63 West 37th, New York.
Russell, W. C., Mocassin Co., Berlin, Wis.
Russell, W. H., Co., contrs., New Brighton, N. Y.
Russell, W. L., Box & Lbr. Co., McKees Rocks, Pa.
Russell, W. L., & Son, canned goods, Mila, Va.
Russell, W. R., & Co., crude rubber, 138 Front, New York
Russell & Watson, lamps, 225 Washington, Buffalo, N. Y.
Russell Wheel Co., Dertoit, Mich.
Russell Wheel & Foundry Co., car builders, Chene & Bl. R. R., Detroit, Mich.
Russell Wind Stacker Co., 1001 Shelby, Indianapolis, Ind.
Russell, Wm. J., architect, 73 W 46th, New York
Russell, Wm. J., & Co., contractors, 58 W. Wash., Chicago, Ill.
Russellville Iron Works, Russellville, Ark.
Russellville Packing Co., Russellville, Ohio.
Russett, J. P., architect, 2039 26th av No., Seattle, Wash.
Russia Cement Co., belt-dressing, Gloucester, Mass.
Russin & Hanfling, willow ware mfrs., 114 W. 28th, New York.
Rust, E. B., architect, Black bldg, Los Angeles, Cal.
Rust Engng Co., boiler settings & concrete chimneys, 504H Distr. National Bank bldg, Washington, D. C.
Rust, Lawrence, & Sons, cornices & skylights, Newport, Ky.
Rust & Olin, lumber mfrs., Ellicotville, N. Y.
Rust-Owen Lumber Co., Drummond, Wis.
Rust Proof Roller Window Screen Co., Clyde, Ohio.
Rust Resisting Black Finish Co., Bridgeport, Conn.
Rust & Swift, contrs., St. Louis, Mo.
Rustic Hickory Furn. Co., Dept. H, La Porte, Ind.
Rustless Rule Co., Inc., aluminum rules, Lafayette & Niagara, Buffalo, N. Y.
Ruston Fndry. & Mach. Shop, Alexandria, La.
Ruston, Geo. J., contrs., Syracuse, N. Y.
Ruston Hardware & Furn. Co., Ltd., Ruston, La.
Ruston Mfg. Co., lumber, Ruston, La.
Ruston Oil Mill & Fertilizer Co., Ruston, La.
Rusy, Anthony F., architect, 1339 S Avers av, Chicago, Ill.
Rutan, Abram R., architect, 9 Colt, Paterson, N. J.
Rutan, John W., masons' & bldrs.' matls., 1305 Arch, Phila., Pa.
Rutan & Russell, architects, Magee Bldg., Pittsburgh, Pa.
Rutenber Motor Co., gasoline motors & engines, Marion, Ind.
Rutger, Bleecher, flour potato, 87 Wall, New York.
Rutgers College, engng. school & coll., New Brunswick, N. J.
Ruth, Ario A., contractor, Hazleton, Pa.
Ruth, B. F., & Co., putty—glaziers' & painters', Reading, Pa.
Ruth Glass Co., glass rods, tubing, etc., Conshohocken, Pa.
Ruth, J. F., cornices & skylights, 4249 Easton av, St. Louis, Mo.
Ruth Lumber Co., Poplar Bluff, Mo.
Ruth Mach. Co., tex. machy., York, Pa.
Ruth Mfg. Co., machsts. & brass fndrs., Ruth, N. C.
Ruth, Perry W., & Co., contrs., Norfolk, Va.
Rutherford, A. N., Inc., mason bldrs., New Britain, Conn.
Rutherford Bros. Co., elec. & gas light fixtures, Muncie, Ind.
Rutherford, Chas. W., masons' & bldrs.' matls., Chillicothe, O.
Rutherford & Co., brick, Augusta, Ga.
Rutherford, D. W., dock bldrs., Tacoma, Wash.
Rutherford, F. D., archt., McIntyre Bldg., Salt Lake City, Utah.
Rutherford, Geo. A., Co., contractors, 2160 E. 18th, Cleve., O.
Rutherford, Herman C., archt., 316 N. Wash. av, Scranton, Pa.
Rutherford, I., stone producers, Dowagiac, Mich.
Rutherford, J., & Son, stoves, heaters, Akron, Ohio.
Rutherford Paper Co., paper bags, Tarentum, Pa.
Rutherford, Wm., wall paper cleaners, 2433 Leland av, Chicago, Ill.
Rutnven, R. C., contractor, Scranton, Pa.
Rutland Canning Co., Rutland, Ohio.
Rutland Fire Clay Co., Rutland, Vt.
Rutland Fire Clay Co., wall plaster mfrs., 550 W. 12th, Chicago, Ill.
Rutland Mach. & Auto. Co., Rutland, Vt.
Rutledge, A. E., contractor, Rockford, Ill.
Rutledge Co., wall ties, 618 Michigan av, Detroit, Mich.
Rutledge, Edward, Timber Co., Coeur d'Alene, Idaho.
Rutledge, Geo., Co., signs, 309 E. 22d, New York.
Rutledge, Hugh E., masons' & bldrs.' matls., Martinsville, Ind.
Rutledge, J. R., architect, 552 Butte bldg, Wichita, Kan.
Rutledge Oil Co., Rutledge, Ga.
Rutley Construction Co., Chamber of Commerce bldg., Detroit, Mich.
Rutschman, Oscar F., toilet soap machy., soap makers, presses, etc., 1906 E. Westmoreland, Philadelphia, Pa.
Ruttenber Electric Co., machsts. & fndrs., Logansport, Ind.
Ruttenberg, Albert, architect, 4706 N Winchester av, Chicago, Ill.
Ruttenberg Bros., scrap iron dealers, Reading, Pa.
Ruud Mfg. Co., water heaters, 29th & Smallman, Pittsburgh, Pa.
R. U. V. Co., Inc., quartz lamps, sterilizers, etc., 165 B'way, New York.
Ruv Sterilizers, 50 Broad, New York.
Ruvio Elec. Co., cooking app. & water sterilizers, 50 Broad, New York.
Ruwell, Wm. F., packing mfrs., 719 Noble, Philadelphia, Pa.
Ruxton, Philip, printing inks, 220 W. 42d, New York.
Ryan-Allen Lumber Co., Vancouver, Wash.
Ryan Co., contractors, 4500 W. Division, Chicago, Ill.
Ryan Contracting Co., Charlestown, Boston, Mass., & Portland, Ore.
Ryan Cotton Oil Co., meal, Ryan, Okla.
Ryan-Cushing Co., school bags, 126 Summer, Boston, Mass.
Ryan, D. J., Construction Co., Davenport, Ia.
Ryan, Edw., contractor, 101 Clifton, Springfield, Ohio.
Ryan, E. G., & Co., envelope sealing devices, 608 S. Dearborn, Chicago, Ill.
Ryan, Geo. E., heaters, Lynn, Mass.
Ryan, H., architect, Diller Hotel, Seattle, Wash.
Ryan, H. J., lumber, Lagrange, Ohio.
Ryan, Henderson, architect, 623 Peoples Bank bldg, Seattle, Wash.
Ryan, Miss Ida Annah, & Luscomb, F. H., architects, Lawrence Bldg., Waltham, Mass.
Ryan, J. D., Co., paper box covers, 735 Central av, Cleveland, O.
Ryan, J. J., contractor, New London, Conn.
Ryan, J. J., & Co., machsts. & fndrs., brass castings, etc., 100 S. Jefferson, Chicago, Ill.
Ryan, Jas. P., mill & facty. supplies, Easthampton, Mass.
Ryan, John (Estate of), hogsheads, Hoboken, N. J.
Ryan, John, & Son, ship bldrs., Whitehall, N. Y.
Ryan, Jos. C., mill & facty. supplies, Yonkers, N. Y.
Ryan & Keon, contractors, 176 Federal, Boston, Mass.
Ryan & Long, vehicle washers, Appleton, Wis.
Ryan & Lutz, carriages, Bridgeport, Conn.
Ryan, M. A., stone producers, Albion, N. Y.
Ryan, M. C., contractor, 13 3d av, Pittsburgh, Pa.
Ryan, M. C., Co., fasteners, hinges, etc., Phoenix, N. Y.
Ryan, M. E., & Son, contractors, Dime Bk. Bldg., Detroit, Mich.
Ryan, M. Pckg. Box Co., 550 W. 29th, New York.
Ryan, Martin, packing box mfr., 132 Mercer, New York.
Ryan, N., Co., stone producers, wkrs. & dirs., 491 Smith, Brooklyn, N. Y.
Ryan, P., packing box mfr., 556 Washington, New York.
Ryan, Patrick, Constr. Corp., Grand Central Terminal & 42d, New York.
Ryan, Patrick, & Son, contractors, Bay City, Mich.
Ryan, Peter J., Bldg. Co., 314 W. 44th, New York.
Ryan Rattan Chair Co., furn., Grand Rapids, Mich.
Ryan Soap Co., 2643 Spring Grove av, Cincinnati, Ohio.
Ryan, Wm., Co., masons' & bldrs.' matls., Portchester, N. Y.
Ryan, Wm. J., architect, 162 Ryerson, Brooklyn, N. Y., & 154 W. Randolph, Chicago, Ill.
Ryboit Heating Co., furnaces, 309 E. 5th, Cincinnati, Ohio.
Ryboit Htg. Co., hot air furnaces, 632 Mass. av, Indianapolis, Ind.
Ryckman, Albert H., contractor, Saginaw, Mich.
Ryder Brass Foundry Co., Bucyrus, Ohio, & Ferguson bldg., Pittsburgh, Pa.
Ryder Bros., advtg. novelties, Baker, Ore.
Ryder, H. W., masons' & bldrs.' matls., Phoenix, Ariz.
Ryder, M. L., Bldg. Co., 362 State, Albany, N. Y.
Ryede Specialty Works, gum vending machines, Rochester, N. Y.
Ryegate Paper Co., East Ryegate, Vt.
Ryerson, Joseph T. & Son, whol. hdwe. & machy. mfrs., 2558 W 16th, Chicago, Ill.
Ryland, B. L., & Son, masons' & bldrs.' matls., Bucyrus, Ohio.
Ryland & Brooks Lumber Co., American bldg., Baltimore, Md.
Ryno, John H., architect, Knoxville, Tenn.
Ryon, Augustus M., masons' & bldrs.' matls., 96 Main, Flushing, N. Y.
Ryon, John P., masons' & bldrs.' matls., Pottsville, Pa.
Rysdon, E. A., & Co., cornices, 527 W. 41st, Chicago, Ill.
Rysdon, Louis S., & Co., cornices, 3319 Wallace, Chicago, Ill.
Ryther, L. R., contr., Rapid City, S. Dak.
Ryther & Pringle Co., machsts. & fndrs., Carthage, N. Y.
Rythmodik Music Corp., music rolls, Belleville, N. J.
Saacke, Chas. W., asphalt dlrs., 27 William, New York.
Saal, H. G. Co., dies & spring motors, 1800 Montrose av, Chicago, Ill.
Saam, Karl F., architect, 4th & Main, Dubuque, Ia.
Saart Bros., Co., whisk brooms, manicure sets, novelties, etc., Attleboro, Mass.
Sabel Bros., railroad equipment, Jacksonville, Fla.
Sabel, J., Button Co., 6620 S. State, Chicago, Ill.
Sabetti, Frank P., architect, 215 Montague, Brooklyn, N. Y.
Sabin, Frederick, & Co., stove mfrs., 237 N. Bread, Phila., Pa.
Sabin Machine Co., machsts. & fndrs., 6536 Carnegie av, Cleveland, Ohio.
Sabin Mach. Co., springs, Montpelier, Vt.
Sabin, Wm. Warren, architect, 1900 Euclid av, Cleveland, O.
Sabina Pump Co., Sabina, Ohio.
Sabine Lumber Co., Wright Bldg, St. Louis, Mo., & Zwolle, La.
Sabine River Lbr. & Logging Co., Oakdale, La.
Sabine Supply Co., masons' & bldrs.' matls., mill & facty. supplies, Orange, Tex.
Sabine Tram Co., lbr., Beaumont, Tex.
Sabo Mfg. Co., animal traps, 3115 W. 25th, Cleveland, Ohio.
Sac City Canning Co., Sac City, Ia.
Sachem's Head Canning Co., Guilford, Conn.
Sachnoff, G., Co., garment hangers, collar supports, 138 Mott, New York.
Sachoenmaier, Geo., & Co., machy. dlrs., 145 N. 3d, Phila., Pa.
Sachs-Lawlor Mach. & Mfg. Co., Denver, Colo.
Sachs, Wm. A., mill & facty. supplies, Germantown av & Girard, Phila., Pa.
Sackett, A. J., machst. & fndr., cor 4th av & 1st, Baltimore, Md.
Sackett Bros., Co., coutractors, Springfield, Mass.
Sackett, H. B., Screen & Chute Co., 1691 Elston av, Chicago, Ill.

Sackett, H. I., Elec. Co., 256 Pearl, Buffalo, N. Y.
Sackett Mine Supply Co., electrical supplies & equipt., 164 N. 3d, Columbus, Ohio.
Sackett Plaster Board Co., 1170 B'way, New York.
Sackett Screen Co., coal chutes, Fredonia, N. Y.
Sackett & Wilhelms Corp., labels, Grand & Morgan av, Brooklyn, N. Y.
Sackin & Levinson Co., plumbers' supplies—jobbers, 523 Atlantic av, Brooklyn, N. Y.
Sackler Bros., scrap brass & copper, 186 E. 64th, New York.
Sackley, Jas. A., Co., contractors, 133 W Washington, Chicago, Ill.
Sackman, J. W., brick, Santa Ana, Cal.
Sackman Mfg. Co., metal numbers, steel stamps, Akron, Ohio.
Sackmann, J. W., stencils, 810 Prospect, S. E., Cleveland, Ohio.
Sacks Co., Inc., advertising counsellors, 116 W. 32d, New York.
Sacks, Louis, Inc., heel plates, etc., Wilson av, Newark, N. J.
Saco Brick Co., Saco, Me.
Saco-Lowell Shops, machsts. & fndrs., 77 Franklin, Boston, Mass.
Saco Mfg. Co., wood porch columns, pumps, etc., Saco, Me.
Saco Valley Canning Co., Portland, Me.
Sacramento Builders Supply Co., Sacramento, Cal.
Sacramento Building Block Co., Sacramento, Cal.
Sacramento Lbr. Co., Sacramento, Cal.
Sacramento Pipe Works, Sacramento, Cal.
Sacramento Planing Mill & Furniture Co., sashes, Sacramento, Cal.
Sacramento Timber & Box Co., 268 Market, San Francisco, Cal.
Sacramento Pressed Brick Co., Sacramento, Cal.
Sacramento Valley Sugar Co., Los Angeles, Cal.
Sacramento Wire Mattress Co., Sacramento, Cal.
Sadieville Milling Co., flour, Sadieville, Ky.
Sadler Bros., celluloid novelties, S. Attleboro, Mass.
Sadler Canning Co., Cicero, N. Y.
Sadler Co., post office equip., Indianapolis, Ind.
Sadler, H. R., Furn Co., mfrs., Dept. H, Denver, Col.
Sadtler, P. B., pulp mill engnr., 53 W. Jackson blvd, Chicago, Ill.
Sadtler, Sam'l P., & Son, chemists, 210 S. 13th, Phila., Pa.
Saeger Cut Sale Co., 235 Congress, Boston, Mass.
Safe Account Register Co., Canton, Ohio.
Safe Cabinet Co., safes & vaults, Marietta, Ohio
Safe-Guard Check Writer Co., Inc., 5 Beekman, New York.
Safe Padlock & Hardware Co., mfrs., Lancaster, Pa.
Safe Storm Shield Co., buggy aprons, Fremont, Ohio.
Safege Co., safety razor mfrs., Geneva, N. Y.
Safepack Paper Mills, wrapping paper, roofing, etc., 727 Atlantic av, Boston, Mass.
Saferlite Lens Co., lamp lens mfrs., 220 5th av, New York
Safetee Glass Co., Dept. H, Broad & Wood, Phila., Pa.
Safety Appliance Co., St. Louis, Mo.
Safety Car Devices Co., controllers, handles, Boatmens' Bank Bldg., St. Louis, Mo.
Safety Car Htg. & Lighting Co., 2 Rector, New York.
Safety Deposit Box Co., 395 W. Main, Battle Creek, Mich.
Safety Door Hanger Co., 246 E. 4th, Ashland, Ohio.
Safety Electric Co., lamps, 431H, S. Dearborn, Chicago, Ill.
Safety Elevator Stop Co., Kalamazoo, Mich.
Safety Emery Wheel Co., Springfield, Ohio.
Safety Engng, trade publication, 80 Maiden la, New York.
Safety Fire Extinguisher Co., 295 7th av, New York
See adv. index at end of book
Safety First Supply Co., appliances, first aid & playground equipments, 107 Third av, Pittsburgh, Pa.
Safety Furnace Pipe Co., 1212 2d av, Detroit, Mich.
Safety Gas Lighter Co., Roanoke, Va.
Safety Gas Main Stopper Co., 263 E. 133d, New York.
Safety Hopper Car Wrench Co., Harrison Bldg., Phila., Pa.
Safety Insulated Wire & Cable Co., 114 Liberty, New York.
Safety Ladder Mfg. Co., Seattle, Wash.
Safety Sled Co., Mount Jewett, Pa.
Safety Wire Gas Globe Co., Columbus, Ohio.
Saffell, J. M., architect, Bakersfield, Cal.
Safford, G. N., & Co., masons' & bldrs.' matls, Rockford, Ill.
Safford, Henry D., mill & facty supplies, Mechanicsville, N. Y.
Safford, M. D., architect, 259 Sumner, Boston, Mass.
Safford, Wm. C. & Co., furn, 78H Newbury, Boston, Mass.
Safford's, S., Sons, stone producers, Paris, Ill.
Sagadahoc Fertilizer Co., Bowdoinham, Me.
Sagamore Iron Co., machsts, Dept H, Crosby, Minn.
Sagamore Motor Wks., gas engines, 650 Summer, Lynn, Mass.
Sage Brick Mfg. Co., Greenport, N. Y.
Sage, J. L., lumber mfrs., Williamstown, N. Y.
Sage Trunk Co., 134 Sumner, Boston, Mass.
Sager, A. C., sash, door & blind mfrs., Town & Bell, Columbus, Ohio.
Sager, C. H., Hardware Co., cornices & skylights, Lebanon, Ill.
Sager, J. H., Co., shock absorbers, Rochester, N. Y.
Sager Lock Co., bower barffed wk. hinges, No. Chicago, Ill.
Saginaw Bay Co., lumber, 2106 W. 3d, S. W., Cleveland, Ohio.
Saginaw Brick Co., Saginaw, Mich.
Saginaw Chemical Co., chloride of calcium, Saginaw, Mich.
Saginaw Glass Sign Co., Saginaw, Mich.
Saginaw Hardware Co., Saginaw, Mich.
Saginaw Ladder Co. (Ltd.), Saginaw, Mich.
Saginaw Lime & Stone Co., Saginaw, Mich.
Saginaw & Manistee Lumber Co., Williams, Ariz.
Saginaw Mfg. Co., wood pulleys, Saginaw, Mich.
Saginaw Milling Co., flour, Saginaw, Mich.
Saginaw Mirror Wks., glass shelves & mirrors, Saginaw, Mich.
Saginaw Motor Car Co., Saginaw, Mich.
Saginaw Paving Brick Co., Saginaw, Mich.
Saginaw Sheet Metal Works, automobile fenders & hoods, Saginaw, Mich.
Saginaw Shingle Co., Blaine, Wash.
Saginaw Shipbuilding Co., Saginaw, Mich.
Saginaw Show Case Co. (Ltd.), Saginaw, Mich.
Saginaw Specialty Co., cigar boxes, Saginaw, Mich.
Saginaw Table & Cabinet Co., Dept H, Saginaw, Mich.
Saginaw Timber Co., lumber, Aberdeen, Wash.
Saginaw Wheelbarrow Co., machsts. & fndrs., Saginaw, Mich.
Saginaw Wood Products Co., croquet sets, Gaylord, Mich.
Sagola Lbr. Co., Sagola, Mich.
Sagramoso, Alfonso, architect, H, Selina Bldg., Erie, Pa.
Saguin, Jas., contr., Council Bluffs, Iowa.
Sahlen, Jas. (est. of), meat packers, 310 Howard, Buffalo, N. Y.
Sahm, Frank B. R., architect, 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
Sahrmann, H. M., architect, 816 Olive, St. Louis, Mo.
Sailer, & Melvin Mfg. Co., lock washers, Massillon, Ohio.
Sailer, Rudolph W., architect, 76 Montgomery, Jersey City, N. J.
Sailor, C. H., architect, Gordon, Neb.
Sailor, Homer G., architect, 417 W 61st, Chicago, Ill.
Sailor Planing Mill & Lumber Co., Pottsville, Pa.
Sailor-Whitmore Machine Co., Menasha, Wis.
Sailors' Packing Co., Kokomo, Ind.
Sainberg, L., pads—desk, 65 W. Houston, New York.
Saino, F. L., Mfg. Co., doors, Memphis, Tenn.
St. Agatha Starch Co., St. Agatha, Me.
St. Anne Brick & Tile Co., Saint Anne, Ill.
St. Anthony Iron Works, machsts. & fndrs., Minneapolis, Minn.
St. Bernard Cypress Co., Ltd., Arabi, La.
St. Bernard Mining Co., coal mine, Earlington, Ky.
St. Bernard Rendering & Fertilizing Co., Perrin Bldg., New Orleans, La.
St. Charles Brick Co., St. Charles, Mo.
St. Charles Fixture Mfg. Co., elec. fixtures, St. Charles, Ill.
St. Charles Net & Hammock Co., St. Charles, Ill.
St. Clair Foundry, Belleville, Ill.
St. Clair Mfg. Co., acet. gas machines, Dayton, Ohio.
St. Cloud Granite Works, St. Cloud, Minn.
St. Cloud Iron Works Co., St. Cloud, Minn.
St. Croix Lbr. & Mfg. Co., Winton, Minn.
St. Croix Paper Co., box shook & lumber mfrs., 244 Washington, Boston, Mass.
St. Elizabeth Canning Co., St. Elizabeth, Mo.
St. Gemme, Frank, Fire Apparatus Co., St. Louis, Mo.
Ste. Genevieve Lime & Quarry Co., Mermod & Jaccard Bldg., St. Louis, Mo.
St. Geo. Hy. V., tracing cloth & paper, 8 Grand, New York.
St. George Paper Co., Norwalk, Conn.
St. Germain Bros., plate glass, Duluth, Minn.
St. Germain, Jos. A., contractor, New London, Conn.
St. Helens Creosoting Co., Yeon Bldg., Portland, Ore.
St. Helens Lumber Co., San Francisco, Cal.
St. Helens Quarry Co., McFall Bldg., Portland, Ore.
St. Helens Shipbuilding Co., St. Helens, Ore.
St. Ignatius University College, engng. schools & coll., San Francisco, Cal.
St. James Milling Co., flour, St. James, Minn.
St. James Timber Co. (Ltd.), ties, poles, 1110 Hibernian, New Orleans, La.
St. John & Barquist, ceilings, conductor pipes, radiator shields, etc., Des Moines, Ia.
St. John, G. C., air & gas meters, 280 Madison av, New York.
St. John, J. T., flour mills, Watauga, Tenn.
St. John & Keyser, contractors, Norwalk, Conn.
St. John Wood Working Co., sash, door & blind, Stamford, Conn.
St. Johns Lumber Co., Portland & St. Johns, Ore.
St. Joseph Art Glass Co., St. Joseph, Mo.
St. Joseph Battery Co., St. Joseph, Mo.
St. Joseph Brass & Iron Co., fndrs., St. Joseph, Mo.
St. Joseph Buggy Co., St. Joseph, Mo.
St. Joseph Iron Works, machsts. & fndrs., St. Joseph, Mich.
St. Joseph Lead Co., 61 B'way, New York.
St. Joseph Lumber Co., St. Joseph, Mo.
St. Joseph Milling Co., flour, St. Joseph, Minn.
St. Joseph Plow Co., listers & drills, St. Joseph, Mo.
St. Joseph Pressed Brick Co., St. Joseph, Mo.
St. Joseph Rock Crusher Co., stone producers, St. Joseph, Mo.
St. Joseph Structural Steel Co., St. Joseph, Mo.
St. Landry Cotton Oil Co., Opelousas, La.
St. Lawrence Const. Co., Inc., 36 State, Albany, N. Y.
St. Lawrence Marine Ry. Co., Ogdensburg, N. Y.
St. Lawrence Pyrites Co., pyrites ores, De Kalb Junction, N. Y.
St. Lawrence Quarries, marble producers, Gouverneur, N. Y.
St. Laurence Talc Co., see Carbola Chemical Co., Inc. (successors).
St. Louis Archl. Iron Co., Lesperance & De Kalb, St. Louis, Mo.
St. Louis Axle Co., La Salle W. of Jefferson, St. Louis, Mo.
St. Louis Bag & Burlap Co., see Werthan Bag Co. (successors).
St. Louis Bank Equip. Co., bank, office & store fix., 811 Walnut, St. Louis, Mo.
St. Louis Basket & Box Co., trunk & veneer mfrs., etc., Wharf & Penrose, St. Louis, Mo.
St. Louis Bed & Mfg. Co., 2007 Railway Exchange, St. Louis, Mo
St. Louis Bell Fdry., 2735 Lyon, St. Louis, Mo.
St. Louis Belting & Supply Co., machy. dlrs., 509 S. 4th, St. Louis, Mo.
St. Louis Blue Print & Supply Co., 314 N. 6th, St. Louis, Mo.
St. Louis Boat & Engine Co., machsts., Bank of Commerce bldg, St. Louis, Mo.
St. Louis Box Fcty., pckg. box mfrs., 721 S. 2d, St. Louis, Mo.
St. Louis Brass Mfg. Co., machsts. & fndrs., 2613 Washington av, St. Louis, Mo.
St. Louis Broom Supply Co., 206H N. 1st, St. Louis, Mo.
St. Louis Butchers' Supply Co., refrigerators, etc.; tin pails, 1543 N. 15th, St. Louis, Mo.
St. Louis Button Co., 415 Lucas av, St. Louis, Mo.
St. Louis Candle & Wax Co., 208 S. First, St. Louis, Mo.
St. Louis Car Co., electric ry. supplies, 8000 N. B'way, St. Louis, Mo.
St. Louis Car Wheel Co. (See Southern Wheel Co., successors.)
St. Louis Cash Register Co., St. Louis, Mo.
St. Louis Chemical Wks., silicate of soda, 8025 S. B'way, St. Louis, Mo.
St. Louis Coffin Co., 1821 Chouteau av, St. Louis, Mo.
St. Louis Confetti Co., 3 Market, St. Louis, Mo.
St. Louis Cont. Co., 4425 Clayton av, St. Louis, Mo.
St. Louis Cooperage Co., wood pails & buckets, ft. of Arsenal, St. Louis, Mo.
St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
St. Louis Cut Stone Co., 3535 Gratiot, St. Louis, Mo.
St. Louis Electric Works. See Valley Electric Co. (successors)
St. Louis Electrotype Fdry., pattern letters & figures, 125 S. 8th, St. Louis, Mo.
St. Louis Felt & Bedding Co., mattresses, 208 S. 17th, St. Louis, Mo.
St. Louis Fire Brick & Clay Co., Los Angeles, Cal.
St. Louis Fire Door Co., 1134 S. Sixth, St. Louis, Mo.
St. Louis Fireworks Co., 822 N. B'way, St. Louis, Mo.
St. Louis Frog & Switch Co., Chemical Bldg., St. Louis, Mo.
St. Louis Furn. Assn., Dept H, 25th & Palm, St. Louis, Mo.
St. Louis Gas & Gasoline Engine Co., 2615 De Kalb, St. Louis, Mo.
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
St. Louis Hardware Mfg. Co., 1519 W. 18th, St. Louis, Mo.

St. Louis Hide & Tallow Co., 2d & Talcott, St. Louis, Mo.
St. Louis Independent Pckg. Co., meat packers, 3855 Chouteau av, St. Louis, Mo.
St. Louis Iron & Mach. Wks., 126 Chouteau av, St. Louis, Mo.
St. Louis Iron Store Co., whol. hdwe., 700 Cass av, St. Louis, Mo.
St. Louis Label Works, paper & pill boxes, cartons, etc., 925 N. 11th, St. Louis, Mo.
St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.
St. Louis Lthr. Goods Co., trav. bags & suit cases, 2509 S. B'way, St. Louis, Mo.
St. Louis Lightning Rod Co., Dekalb & Trudeau, St. Louis, Mo.
St. Louis Lumber Co., 2509 S. B'way, St. Louis, Mo.
St. Louis Lumberman, trade publications, Arcade bldg, St. Louis, Mo.
St. Louis Mach. Tool Co., 922 Loughborough, St. Louis, Mo.
St. Louis Machsts. Supply Co., 920 N. B'way, St. Louis, Mo.
St. Louis Malleable Casting Co., 7700 N. B'way, St. Louis, Mo.
St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.
St. Louis Motor Truck Co., auto bldrs., 4274 Easton av, St. Louis, Mo.
St. Louis Oil Co., lubrg., 2921 B'way, St. Louis, Mo.
St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.
St. Louis Paper Co., folding paper boxes, 500 N. 3d, St. Louis, Mo.
St. Louis Plume & Plaiting Co., 620 N B'way St. Louis, Mo.
St. Louis Rail & Equip't Co., mill & factory supplies, 3rd Nat'l Bank Bldg., East St. Louis, Ill.
St. Louis Rocky Mtn. & Pacific Co., coal mine, Raton, N. Mexico.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
St. Louis Sales Co., drilling mach., vises, arch't iron & tanners' snips, Chemical Bldg., St. Louis, Mo.
St. Louis Sampling & Testing Wks., laboratories, 713 Clark av, St. Louis, Mo.
St. Louis Sash & Door Works, 3440 N. B'way, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
St. Louis Smelting & Refining Co., Internat'l Life Bldg., St. Louis, Mo.
St. Louis Steel Barrel Corp., B'way, Benton & 9th, St. Louis, Mo.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
St. Louis Sticker Co., gummed labels, 1627 Washington av, St. Louis, Mo.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Louis Terra Cotta Co., 5801-15 Manchester av, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., oil & grease cans, St. Louis, Mo.
St. Louis Tissue & Mfg. Co., toilet paper, paper cans & mailing tubes, 3417 Chateau av, St. Louis, Mo.
St. Louis Truck & Mfg. Co., 3200 N. Hall, St. Louis, Mo.
St. Louis Trunk Hdwe. Mfg. Co., 609 Chateau av, St. Louis, Mo.
St. Louis Vitrified & Fire Brick Co., Wainwright Bldg., St. Louis, Mo.
St. Louis Washing Machine Co., St. Louis, Mo.
St. Louis Well Mach. & Tool Co., Kingsland av, St. Louis, Mo.
St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
St. Maries Lumber Co., St. Maries, Idaho.
St. Mary's Builders' Supply & Coal Co., St. Mary's, Ohio.
St. Mary's Mill Co., flour, St. Mary's Mo.
St. Mary's Milling Co., flour, St. Mary's, W. Va.
St. Mary's Oil Engine Co., St. Charles, Mo.
St. Mary's Planing Mill Co., St. Mary's, Ohio.
St. Mary's Sewer Pipe Co., St. Mary's, Pa.
St. Mary's Woolen Mfg. Co., St. Mary's, Ohio.
St. Meinrad Brick & Tile Co., St. Meinrad, Ind.
St. Mungo Mfg. Co., golf balls, 121 Sylvan av, Newark, N. J.
St. Paul Boiler & Mfg. Co., Water & Walter, St. Paul, Minn.
St. Paul Brass Fndry. Co., Minn. & 2d, St. Paul, Minn.
St. Paul Building Co., 460 Rice, St. Paul, Minn.
St. Paul Coal Co., Railway Exchange bldg., Chicago, Ill.
St. Paul Crushed Stone Co., Steward & Victoria, St. Paul, Minn.
St. Paul Foundry Co., steel structures, Como av, Mackubin, St. Paul, Minn. *See adv index at end of book*
St. Paul Gas Appliance Co., stoves, St. Paul, Minn.
St. Paul Gas Light Co., 6th & Cedar, St. Paul, Minn.
St. Paul Lime & Cement Co., Ryan Bldg., St. Paul, Minn.
St. Paul Mach. Wks., 123 W. 3d, St. Paul, Minn.
St. Paul Machy. Mfg. Co., Como. & Marion, St. Paul, Minn.
St. Paul Roofing, Cornice & Ornament Co., sheet metal products, St. Paul, Minn.
St. Paul Stone Co., 868 E. Minnehaha, St. Paul, Minn.
St. Paul Stone Quarries Co., St. Paul, Ind.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
St. Paul Welding & Mfg. Co., torches, etc., 173 W 3rd, St. Paul, Minn.
St. Paul White Lead & Oil Co., Water Starkey, St. Paul, Minn.
St. Regis Lumber Co., Tiger, Wash.
St. Regis Paper Co., Watertown, N. Y.
St. Tammany Lumber Co., Ramsey, La.
St. Thomas Canning Co., St. Thomas, Mo.
Saint, W. J. T., sash, door & blind mfr., Sharpsburg, Pa.
Salter, F. R., cornices, Marion, Ohio.
Salter-Morgan Co., wholesale hdwe., Vincennes, Ind.
Saks Stamping Co., Huntington, W. Va.
Sala Co., mud & non-skid chains & emergency tires, Canton, O.
Sala, Peter, architect, Stockton, Cal.
Saladin, Louis, machsts. & fndrs., 1241 De Kalb av, Brooklyn, N. Y.
Saladin Pneumatic Malting Constr. Co., 643 Wellington av, Chicago, Ill.
Salamanca Engine-Iron Co., Salamanca, N. Y.
Salamanca Furn. Works, Dept H, Salamanca, N. Y.
Salamander Grate Bar Co., 126 Liberty, New York.
Salaski, John, granite producers, St. Cloud, Minn.
Salch. Bros., metal spinning, lumps, 239 Centre, New York.
Salem Brass Foundry, Salem, Mass.
Salem Brass & Iron Mfg. Co., machsts. & fndrs., Salem, N. J.
Salem Brick Co., Salem, Va.
Salem Bros., shades, 122 Centre, New York.
Salem Canning Co., Salem, N. J.
Salem Chemical & Supply Co., almond meal, Salem, Mass.
Salem China Co., crockery, Salem, Ohio.
Salem Constr. Co., Salem, Ore.
Salem Co-operative Window Glass Co., Salem, W. Va.
Salem Electrical Supply Co., woven wire brushes, Salem, Mass.
Salem Elevator Wks., Salem, Mass.
Salem Fdry. & Mach. Wks., Salem, Ohio.
Salem Foundry & Machine Wks., Salem, Va.
Salem Glass Wks., glass bottles, Salem, N. J.
Salem Hardware Co., Salem, O.
Salem Iron Co., blast furnaces, Leetonia, Ohio.
Salem Iron Works, R. R. crossties, machines, Winston-Salem, N. C.
Salem Iron Wks., R. R. cross tie machines, Winston-Salem, N. C.
Salem Leather Co., insulating washers, Salem, Mass.
Salem Mattress Co., Salem, Va.
Salem Plumbing & Lighting Supply Co., Salem, Mass.
Salem Rubber Co., Salem, Mass.
Salem Supply Co., canned goods, Salem, N. J.
Salem Tool Co., Salem, Ohio.
Sales F. A. Co., Inc. See Leather-Steel Products Co. (successors).
Sales, Jas. A., masons' & bldrs.' matls., Kalamazoo, Mich.
Sales M. W. & Co., plbrs, mill & factory supplies, 315 W Jefferson av, Detroit, Mich.
Salesburg Refining Co. (Ltd.), sugar, Lauderdale, La.
Salfisberg, J. E., & Co., contrs., Aurora, Ill.
Salich, E., & Co., beet sugar plant const., Monadnock blk, Chicago, Ill.
Salicylate Products Mfg. Co., acid, Newark, N. J.
Salina Packing Co., canned goods, Anacortes, Wash.
Salina Solar Coarse Salt Co., Syracuse, N. Y.
Salina Vitrified Brick Co., Salina, Kans.
Saline Valley Roller Mills, flour, Bumpus Mills, Tenn.
Saling-Hanson & Co., lumber, Grayling, Mich.
Salinger, Chas., cornices, 1110 Ridge av, Philadelphia, Pa.
Salisbury Axle Co., Jamestown, N. Y.
Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio.
Salisbury Brick Co., Salisbury, Md.
Salisbury Bros., lumber, Clinton, Wash.
Salisbury Cutlery Handle Co., Salisbury, Conn.
Salisbury, D. J., masons' & bldrs.' matls., 206 St. Marks av, Syracuse, N. Y.
Salisbury, F. B., lumber, Clinton, Wash.
Salisbury Mfg. Co., tags, fasteners, envelopes, etc., 14 Leather av, Providence, R. I.
Salisbury, Robt. H., architect, Wheaton, Ill.
Salisbury & Satterlee Co., machinists, 201 S. E. Main, Minneapolis, Minn.
Salisbury, W. H., & Co., mill & facty. supplies, 308 N Madison, Chicago, Ill.
Salisbury Wood-Working Co., sash, door & blind mfrs., Salisbury, Md.
Sall Mountain Co., prepared roofing & asbestos products, 305 S. La Salle, Chicago, Ill.
Salladay, L. E., whol. hdwe., Twin Falls, Idaho.
Salling, N. P., sash, door & blind mfrs., Anderson, Ind.
Salm, Ernest, canned goods, Phalanx, N. J.
Salmen Brick & Lumber Co. (Ltd.), ties, poles, New Orleans, La.
Salmon Bay Iron & Brass Fndry, machsts. & fndrs., Seattle, Wash.
Salmon Creek Lumber Co., Kellettville, Pa.
Salmon, Henry, & Son, masons' & bldrs.' matls., Boonton, N. J.
Salmon, John, & Co., contrs.., La Salle, Ill.
Salmon, J. T., contractor, Durham, N. C.
Salmond Bros., architect, 526 Elm A, Arlington, N. J.
Salmond Bros. Co., contractors, Arlington, N. J.
Salmond, Sam'l, & Son, tacks, Hanover, Mass.
Salnave, W. A., machsts., Canandaigua, N. Y.
Salom Elec. Storage Battery Co., Niagara Falls, N. Y.
Salomon, A., Inc., cotton waste, 15 Park row, New York.
Salomon, L. A., & Bro., chemicals, 216 Pearl, New York.
Salomon-Waterton Co., contractors, 343 S. Dearborn, Chicago, Ill.
Salomon, Wm. E., & Co., contractors, 175 W. Jackson blvd, Chicago, Ill.
Salomonsky, Edgar, architect, 368 Lexington av, New York
Salomonsky, Vera Cook, architect, 368 Lexington av, New York
Salt Lake Engineering Wks., Salt Lake City, Utah.
Salt Lake Hardware Co., Salt Lake City, Utah.
Salt Lake Iron & Steel Co., Salt Lake City, Utah.
Salt Lake Knitting Wks., Salt Lake City, Utah.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah.
Salt Lake Mill Co., contrs., Salt Lake City, Utah
Salt Lake Pressed Brick Co., Salt Lake City, Utah.
Salt Lake Sash Weight Fdry., Salt Lake City, Utah
Salt Lake Stamp Co., Salt Lake City, Utah.
Salt Lick Lumber Co., Salt Lick, Ky.
Salt Lick Milling Co., flour, Valmeyer, Ill.
Salt, Wm. B., Mfg. Co., steel & cast iron piston rings, Aspinwall, Pa.
Salter Canning Co., North Rose, N. Y.
Salter, J. A., architect, Raleigh, N. C.
Salter, J., & Son, granite, Groton, Conn.
Salter Mfg. Co., music cabinets, 339 N. Oakley bl, Chicago, Ill.
Salter Motor Mfg. Co., cylinder grinders & oxy-acetylene apparatus, 1516 Oakland av, Kansas City, Mo.
Salter, Thos., contractor, 118 Front av, Rochester, N. Y.
Saltkeatchie Lumber Co., Schofield, S. C.
Saltman, Henry B., contr., 136 Fairfield av, Bridgeport, Conn.
Saltsburg Coal Mining Co., bituminous, Leechburg. Pa.
Salt's Textile Mfg. Co., plushes, Bridgeport, Conn.
Saltus, Roelin S., landscape architect, 9 E. 41st, New York.
Salveson Bros., common brick, Petersburg, Ill.
Salyer, H. M., jigs, fixtures, etc., 23 Camp pl, Newark, N. J.
Salyers, C. D., & Son, cornices & skylights, Carrollton, Ky.
Salz Bros., fountain pen mfrs., 71 W. 35th, New York.
Salzberg, H. E., Co., Inc., machy. dlrs., 30 Church, New York
Salzer, B. F., Lumber Co., Denver, Colo.
Salzman, G. O., machsts., Marietta, Ohio.
Samels Bros. & White, canned goods, Chaska, Minn.
Samlovitz, Max, cornices, 260 E. 78th, New York.
Sammet, G. W., & Son Co., mattresses, 8 Atlantic av, Boston, Mass.
Sammons, V. K., furn, Dept. H, Kansas City, Mo.
Sammons, W. S., lumber mfrs., Sammonsville, N. Y.
Sampel, J. F., machst. & fndr., Boone, Ia.
Sampliner Adv. Co., 7th av & 49th, New York.
Sampson, Alden, & Sons, oilcloth mfrs., 320 B'way, New York.
Sampson, E. L., & Bros. Contracting Co., contractors, Springfield, Mass.

Sampson, E. T., contractor, Brockton, Mass.
Sampson, Ernest L., masons' & bldrs.' matls., Plymouth, Mass.
Sampson, Geo. H., Co., machy. dlrs., 13 Pearl, Boston, Mass.
Sampson, J. A., heating contr., 10 Summer, Providence, R. I.
Sampson, John T., architect, 4210 N. Stevens, Tacoma, Wash.
Sampson & Murdock Co., trade publication, 246 Summer, Boston, Mass.
Sampson, T. H., mfrs. amberwood, Helena, Ark.
Sampstone Mfg. Co., flushing valves, 1607 Prairie av, Chicago, Ill.
Sams, J. H., architect, Columbia, S. C.
Samson Cordage Works, braided cord & cotton twine mfrs, Boston, Mass.
Samson Elec. Co., bells, batteries, alarms, etc., 146 Summer, Canton, Mass.
Samson Gas Engine Co., 648 W. 12th, Erie, Pa.
Samson Iron Works, Stockton, Cal.
Samson Mfg. Co., rock crushers, Denver, Colo.
Samson Siever Grip Tractor Co., Shocton, Cal.
Samson Tractor Co., Janesville, Wis.
Samson Trailer Works, Grand Rapids, Mich.
Samuel, Frank, ferro manganese, Harrison Bldg., Phila., Pa.
See adv. index at end of book.
Samuels Lumber Co., Tuscaloosa, Ala.
Samuels, M., & Sons, scrap iron & steel, N. 2d, Brooklyn, N. Y.
San Angelo Fndry. & Mach. Co., San Angelo, Tex.
San Antonio Foundry Co., San Antonio, Tex.
San Antonio Machine & Supply Co., San Antonio, Tex.
San Antonio Portland Cement Co., San Antonio, Tex.
San Antonio Sand Lime Brick Co., San Antonio, Tex.
San Antonio Sewer Pipe Co., San Antonio, Tex.
San Antonio Sheet Metal Wks., San Antonio, Tex.
San Antonio Tent & Awning Co., 129 Military Plaza, San Antonio, Tex.
San Augustine Lumber Co., Keltys, Texas.
San Diego Constr. Co., contractors, San Diego, Cal.
San Diego Lumber Co., San Francisco, Cal.
San Diego Mach. Co., San Diego, Cal.
San Diego Sheet Metal Works, San Diego, Cal.
San Diego Trunk & Bag Co., San Diego, Cal.
San Francisco Brass Foundry, 48 Clementina, San Francisco, Cal.
San Francisco Brazing & Welding Works, 575 Howard, San Francisco, Cal.
San Francisco Bridge Co., Nev. Bk. bldg., San Francisco, Cal.
San Fran. Calendar Nov. Co., advtg. novelties, 320 1st, San Francisco, Cal.
San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
San Francisco Galvanizing Works, 1176 Harrison, San Francisco, Cal.
San Francisco Iron & Metal Co., 256 North Point, San Francisco, Cal.
San Francisco, Metal Stamping & Corrugating Co., 2369 Folsom, San Francisco, Cal.
San Francisco Mill Furnishing Co., brewers' & malsters' machy. & supplies, 521 7th, San Francisco, Cal.
San Francisco-Oakland Terminal Rys., machsts. & fndrs., Oakland, Cal.
San Francisco Pioneer Varnish Wks., 816 Mission, San Francisco, Cal.
San Francisco Plating Works, 1349 Mission, San Francisco, Cal.
San Francisco Plumbing Supply Co., San Francisco, Cal.
San Francisco Quarries Co., Balboa Bldg., San Francisco, Cal.
San Francisco Ship Building Co., 310 California, San Francisco, Cal.
San Francisco Stove Works, 260 Townsend, San Francisco, Cal.
San Gabriel Valley Canning Co., Los Angeles, Cal.
San Giacomo Sons, scrap rubber, 9 Abel, Newark, N. J.
San Joaquin Brick Co., Stockton, Cal.
San Jose Brick Co., San Jose, Cal.
San Jose Foundry, San Jose, Cal.
San Jose Hdwe. Co., who. hdwe., San Jose, Cal.
San Juan Canning Co., Friday Harbor, Wash.
San Juan Fishing & Packing Co., canned goods, Seattle, Wash.
San-Knit-ary Textile Mills, knitted towels, 10th & Diamond, Philadelphia, Pa.
San Pedro Lumber Co., 110 Market, San Francisco, Cal.
San Ti Lite Corp., sanitary flooring, Syracuse, N. Y.
San Vincente Lumber Co., Santa Cruz, Cal.
Sanax Co., elec. hair dryers, 143 E. 23rd, New York.
Sanborn Brick & Ice Co., Portage, Wis.
Sanborn Carriage Co., Manchester, N. H.
Sanborn-Cutting Co., Astoria, Ore.
Sanborn, Dana A., architect, 38 Exchange, Lynn, Mass.
Sanborn Evaporator Co., 79 Wall, New York.
Sanborn Furnace Co., machsts. & fndrs., Methuen, Mass.
Sanborn, J. W., fertz. mfr., Pittsfield, N. H.
Sanborn, John, & Son, tin plate, 134 Beekman, New York.
Sanborn Map Co., 11 B'way, New York.
Sanborn & Weed, architect, Item Bldg., Lynn, Mass.
Sanborn Sectional Weight Co., 280 Madison av, New York.
Sand, J., & Sons, levels, 1023 Rivard, Detroit, Mich.
Sand, Jno. A., sweaters, etc., 2408 W. Chicago av, Chicago, Ill.
Sand Lime Brick Co., Boise, Idaho.
Sand Point Lbr. & Pole Co., Sand Point, Idaho.
Sandberg, Adolph L., machsts., 222 S. Clinton, Chicago, Ill.
Sandegren, Andrew, architect, 25 N. Dearborn, Chicago, Ill.
Sandel, Monroe R., architect, 4912 Drake av, Chicago, Ill.
Sander, A., Packing Co., meat, 1026 Gest, Cincinnato, Ohio.
Sander, C. A., pyrometers, Irvington, N. Y.
Sanders, A. J., & Sons, lbr., Gosport, Ind.
Sanders, Alva, Spoke Factory, Ashland, Ky.
Sanders Bros. Mfg. Co., sash, door & blind mfrs., porch columns, Ottawa, Ill.
Sanders Coal Co., masons' & bldrs. matls., Elkhart, Ind.
Sanders Copper & Brass Works, 431 Folsom, San Francisco, Cal.
Sanders Duck & Rubber Co., contrs., tents, Silk Exch. Bldg., St. Louis, Mo.
Sanders & Egbert Co., lumber mfrs., Goshen, Ind.
Sanders, H. H., plate glass, Binghamton, N. Y.
Sanders, J. K., cornices & skylights, Savannah, Ga.
Sanders, John G., iron works, Monroe, La.
Sanders, Lewis M., architect, 1907 Nebraska av, Chicago, Ill.
Sanders Lumber Co, Taunton, Mass.
Sanders Mfg. Co., meat & food choppers, 294 8th av, Newark, N. J.
Sanders, Newell Plow Co., Chattanooga, Tenn.
Sanders, P. M., & Co., lumber, Dept H, Aliceville, Ala.
Sanders, Robert E., machsts. & fndrs., Ashland, Wis.
Sanders, Smith & Co., cotton batting, Charlotte, N. C.
Sanders, Wm., architect, Washington Court House, Ohio.
Sanders & Ginocchio, architects, Little Rock, Ark.
Sanderson Cyclone Drill Co., blast hole & well drilling machinery, Orville, Ohio.
Sanderson, E. P., & Co., wholesale hardware, Cambridge, Mass.
Sanderson Fertilizer & Chemical Co., New Haven, Conn.
Sanderson, L. M., clothes lines, cotton mops, Haydenville, Mass.
Sanderson & McCreery, masons' & bldrs.' matls., Mount Vernon, Ohio.
Sanderson & Partner, shipbldrs., Willapa Harbor, Wash.
Sanderson & Porter, contractors, 52 William, New York.
Sanderson, Robt., wood handles, Singac, N. J.
Sandford-Robinson Lumber Co., Pittsburg, Kans.
Sandiford, Chas., architect, 2692 Main, Buffalo, N. Y.
Sandlin, J. R., turpentine, Jasper, Fla.
Sandlund, Peter, machsts. & fndrs., Marinette, Wis.
Sandoval Brass & Iron Wks., Sandoval, Ill.
Sandoval Zinc Co., 410 N. Peoria, Chicago, Ill.
Sandow Motor Truck Co., 3333 W. Grand av, Chicago, Ill.
Sandow Tool Co., spring calipers, 570 W. B'way, New York.
Sands, Alfred B., & Son Co., ship port-lights, vent., etc., 20 Vesey, New York.
Sands, Geo. R., stone, Cambridge, Mass.
Sands, H. S., Electrical & Mfg. Co., machsts., Wheeling, W. Va.
Sands, Jos. S., mill & facty. supplies, 491 W. Side av, Jersey City, N. J.
Sands, Louis Salt & Lumber Co., Manistee, Mich.
Sands & Maxwell Lumber Co., Pentwater, Mich.
Sands Mfg. Co., water coil heaters, 5407H Sweeney av, Cleveland Ohio
Sands Steel Specialties Co., engine oilers, 6947 Susquehanna, Pittsburgh, Pa.
Sandstrom, John, contractor, Ashland, Wis.
Sandstrom Ship Bldg. Co., Seattle, Wash.
Sandusky Cement Co., Engineers Bldg., Cleveland, Ohio.
Sandusky Cooperage & Lumber Co., Toledo, Ohio
Sandusky Foundry & Machine Co., Sandusky, Ohio.
Sandusky Glass Co., Sandusky, Ohio.
Sandusky Nut Co., Sandusky, Ohio.
Sandusky Sand Co., Sandusky, Ohio.
Sandusky Sash, Door & Lbr. Co., Sandusky, Ohio.
Sandusky Tool Co., Sandusky, Ohio.
Sandusky Washer Co., electric washing machines, Sandusky, Ohio.
Sandwich Mfg. Co., agricultural implements, Sandwich, Ill.
Sandy Hill Iron & Brass Wks., machsts. & fndrs., Hudson Falls, N. Y.
Sandy Point Ship Bldg. Co., Sandy Point, Me.
Saner-Ragley Lumber Co., Carmona, Texas.
Sanford & Bennett Co., fountain pen mfrs., 51 Maiden la, New York.
Sanford & Brooks Co., dock bldrs., Water & Commerce, Baltimore, Md.
Sanford, C. L., brick, Southold, N. Y.
Sanford, Chas. E., watchman's clocks, 18 B'way, New York.
Sanford, Chas. E., & Co., mill & facty. supplies, 202 Washington av, N., Minneapolis, Minn.
Sanford Concrete Machinery Co., Toledo, Ohio.
Sanford Cotton Mills, Sanford, N. C.
Sanford, David C., Co., machsts. & fndrs., Bridgeport, Conn.
Sanford-Day Iron Wks., mine cars, Knoxville, Tenn.
Sanford-Evans Co., masons' & bldrs.' matls., Helena, Mont.
Sanford, C. F., Mfg. Co., vises, grinders & milling machy., Bridgeport, Conn.
Sanford, F. L., lbr., Zoma, La.
Sanford, Jas. A., machsts., Jackson, Mich.
Sanford Mfg. Co., writing inks, paste & sealing wax, Congress & Peoria, Chicago, Ill.
Sanford Mills, carriage robes, horse blankets, car plush, Sanford, Me.
Sanford Mining Co., Terre Haute, Ind.
Sanford Motor Truck Co., auto. bldrs., Syracuse, N. Y.
Sanford Sash & Blind Co., Sanford, N. C.
Sanford & Son, machsts. & fndrs., Fayetteville, Ark.
Sanford, Thos. F., bank & office railings, 84 B'way, Buffalo, N. Y.
Sanford & Treadway, lbr. mfrs., New Haven, Conn.
Sanford, W. H., canned goods, Tucker Hill, Va.
Sangamo Coal Co., Springfield, Ill.
Sangamo Elec. Co., circuit breakers, Springfield, Ill.
Sanger, A. I., & Son, steel merchants, National City Bldg., Cleveland, Ohio.
Sanger, A. J., scrap iron, National City bldg, Cleveland, Ohio
Sanger Mill & Elevator Co., flour, Sanger, Tex.
Sanger, W. Prentice, landscape architect, 21 W. 40th, New York.
Sanguinet, Staats & Boelhaume, architects, Central Trust bldg, San Antonio, Tex.
Sanguinet & Staats, architect, 1st Nat'l Bk. Bldg., Fort Worth, Tex.
Sanguinett, Staats & Gottlieb, architects, First Nat'l Bk. Bldg., Houston, Tex.
Sanguinetti, Augusto, granite, Barre, Vt.
Sanguinetti Canning Co., Mountain View, Cal.
Sanifat Co., disinfectants & insecticides mfrs., 141 W. 36th, New York.
Saniforne Co., disinfectants & insecticides mfgs., 141 W. 36th, New York.
Sani-Mist Co., furniture polish, New London, Conn.
Sanior, A. H., contractor, Bethel, Conn.
Sanisteel Co., tanks, cabinets, etc., 1200 Niagara, Buffalo, N. Y.
Sanitarium Equip't Co., elec. baths & electro therapeutic apparatus, Battle Creek, Mich.
Sanitary Appliance Co., garbage disposal plants, 39 Cortlandt, New York.
Sanitary Appliance Co., ventilators, Neenah, Wis.
Sanitary Can Co., 120 B'way, New York.
Sanitary Canning Co., Stoutland, Mo., & Westphalia, Ind.
Sanitary Cement Co., sinks, Everett, Mass.
Sanitary Cesspool Co. See Sanitary Co. (successors).
Sanitary Chemical Closet Co., Hillsdale, Mich.
Sanitary Co., cast iron soil pipe mfrs., Drexel Bldg., Phila., Pa.
Sanitary Co., fndrs., Cleveland, Ohio.
Sanitary Co. of Amer., brass elbows & errows, Linfield, Pa.
Sanitary Composition Floor Co., Syracuse, N. Y.
Sanitary Construction Co., Paterson, N. J.
Sanitary Cooler Co., Pottstown, Pa.
Sanitary Earthenware Spec. Co., potteries, Trenton, N. J.

Sanitary Feather Co., mattresses, 422 S. Canal, Chicago, Ill.
Sanitary Felting & Mattress Co., South Bend, Ind.
Sanitary Fire Proofing & Contrg. Co., 509 W. 174th, New York.
Sanitary Fish Co., canned, Anacortes, Wash.
Sanitary Fixtures Co., 275 Congress, Boston, Mass.
Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.
Sanitary Fountain & Spec. Co., 176 Federal, Boston, Mass.
Sanitary Garbage Box Co., 3840 N. Clark, Chicago, Ill.
Sanitary Heating & Ventilating Co., Inc., Dept. H, Wysong & Miles, Greensboro, N. C.
Sanitary Htg. Co., fire place htrs., 233 37th, Brooklyn, N. Y.
Sanitary Mfg. Co., see Jeffrey-Dewitt Insulator Co. (successors),
Sanitary Mattress Co., Youngstown, Ohio.
Sanitary Mechanical Specialty Co., sewage ejectors, 157 E. 72d, New York.
Sanitary Metal Basket Co., Lafayette, Ind.
Sanitary Packing Co., Hollandsburg, Ohio.
Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
Sanitary Paper Products Co., paper bottles, 400 Chestnut, Philadelphia, Pa.
Sanitary Products Corp., mfrs. disinfectants, insecticides, liquid soap, 1003 Race, Philadelphia, Pa.
Sanitary Bag Co., Kalamazoo, Mich.
Sanitary Raincoat Co., shower bath curtains, 85 Warren, N. Y.
Sanitary Spec. Co., seats, 1836 E. Clearfield, Philadelphia, Pa.
Sanitary Stove Mfg. Co., Benton, Ill.
Sanitary Strainer Co., Maiden Rock, Wis.
Sanitary Street Flushing Mach. Co., 508 Biddle, St. Louis, Mo.
Sanitary Tinning & Mfg. Co., 3781 E. 93d, Cleveland, Ohio.
Sanitary Ware Mfg. Co., water closet sets, Newark, N. J.
Sanitary-Washed Wiper Co., machine, 813-15 S. Delaware, Indianapolis, Ind.
Sanitary Wire Door Mat Co., 413 S. Lincoln, Chicago, Ill.
Sanitas Mfg. Co., plbg. fixtures, etc., 105 Washington, Boston, Mass.
Sanitas Mfg. Co., machsts. & brass fndrs., Wakefield, Mass.
Sanitation Corp., sewage treatment apparatus, 50 B'way, New York
Sanitax Brush Co., 2333 S. Wabash av, Chicago, Ill.
Sankey Bros., brick, common, 2112 Carson, Pittsburgh, Pa.
Sanneman & Goold, architects, Reserve Bk. Bldg., Kansas City, Mo.
Sanner Hardware Co., Shamokin, Pa.
Sanon Mfg. Co., airplane parts & supplies, 1034 Grand av, Toledo, Ohio.
Sansbury, Geo. F., architect, Cumberland, Md.
Sansbury, Theo T., Jr., architect, Parkersburg, W. Va.
Sansom, John H. A., handles, 174 Worth, New York.
Sansom & Mayer, contractors, Iroquois Bldg., Buffalo, N. Y.
Sansom & Rowland, wholesale hwe., 505 Commerce, Phila., Pa.
Sant, John, & Sons Co., potters' supplies, East Liverpool, Ohio.
Santa Clara Valley Mill & Lumber Co., San Jose, Cal.
Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, Cal.
Santa Fe Fdry. Co., Richmond, Cal.
Santa Fe Fuel Co., masons' & bldrs.' matls., El Paso, Tex.
Santa Rosa Flour Mills Co., Santa Rosa, Cal.
Santangelo, L. B., architect, 2364 8th av, New York.
Santee Mills, cotton sheeting, Orangeburg, S. C.
Santilite Corp., flooring composition, 120 Plum, Syracuse, N. Y.
Santmyers, Geo. T., architect, 921½ N. Y. av, N. W., Washington, D. C.
Santo Vacuum Cleaner Co., 820 6th av, New York.
Santo Vacuum Cleaner Co., 1304 Diamond, Philadelphia, Pa.
Sanucci Paola, contrs., Medina, N. Y.
Sanymetal Products Co., steel partitions, etc., 978-988 E 64th, Cleveland, Ohio
Saponol Chemical Co., polishing cloths, soap, etc., 1916 Park av, New York.
Saporiti, J. P., & Co., granite prod., Barre, Vt.
Sapp Hdwe Co., wholesale, 142H Broad, Albany, Ga.
Sapulpa Brick Co., Sapulpa, Okla.
Sapulpa Pressed Brick Co., Sapulpa, Okla.
Sapulpa Refining Co., petroleum & its products, Sapulpa, Okla.
Sarachan & Rosenthal, scrap rubber, Rochester, N. Y.
Saranac Co., paper & pulp mills, Plattsburg, N. Y.
Saranac Machine Co., Benton Harbor, Mich.
Sarco Co., Inc., steam & radiator traps, 8 Park pl, New York
Sarcoxie Canning Co., Sarcoxie, Mo.
Sardeson, John, contr., Fredonia, N. Y.
Sargeant Bros., masons' & bldrs.' matls., Somerville, N. J.
Sargeant Mfg. Co., hdwe. mfrs., 79 Summit, Newark, N. J.
Sargent, A. R., landscape architect, 225 5th av, New York.
Sargent & Co., hardware mfrs., New Haven, Conn.
Sargent, E. H., & Co., laboratory app. & supplies, 155 E. Superior, Chicago, Ill.
Sargent, E. P., lbr., Norwich, Vt
Sargent, Geo. F., Co., dictionary holders, 132 E. 23d, N. Y.
Sargent, Geo. W., mach. & fndr., Keene, N. H.
SARGENT & GREENLEAF CO., INC., lock mfrs., Rochester, N. Y.
Branch office, 166 W. Lake, Chicago, Ill.
Branch Office, 127 Fifth av, New York
See adv. index at end of book
Sargent & Ham Co., auto. wood bodies, 26 Bowker, Boston, Mass.
Sargent, L. W., carriage bows, Newburyport, Mass.
Sargent & Lundy, mech. & elc. engineers, 72 W. Adams, Chicago, Ill.
Sargent Mfg. Co., chairs, office wardrobes, etc., Muskegon, Mich.
Sargent, Osgood & Roundy Co., agricultural implements, Randolph, Vt.
Sargent Paint Co., N. J. & Mass. av, Indianapolis, Ind.
Sargent Steam Meter Co. See Prescision Scientific Co. (successors).
Sargent, T. M., architect, 162 Tremont, Boston, Mass.
Sargent Tile Ditcher Co., Ft. Dodge, Ia.
Sargent's, Chas. G., Sons Corp., machsts. & fndrs., textile machy., Graniteville, Mass.
Saron, David, cornices, 2164 Madison av, New York.
Sarsfield, Thos. A., contractor, 324 Main, Stamford, Conn.
Sartell Bros. Co., lumber, Sartell, Minn.
Sartorius, A., & Co., architects, & engrs.' instruments, 57 Murray, New York.
Sartorius Co., iron, 15th & Utah, San Francisco, Cal.
Sartorius Provision Co., meat packers, 2734 Arsenal, St. Louis, Mo.
Sarvis Timber Co., Steamboat Springs, Colo.
Sarvis, W. H., granite, 941 W. 5th, Cincinnati, Ohio.
Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
Satin Gloss Polish Co., Portland, Me.
Satisfaction Guaranteed Corp., electrical appliances, 659 Fulton, Chicago, Ill.
Satsuma Co., camphor, Satsuma Heights, Fla.
Satter, H., & Son, stone, 219 Gordon, Perth Amboy, N. J.
Satterlee, F. E., Co., mill & facty. supplies, 120 Washington, N., Minneapolis, Minn
Satterthwait, Edgar, masons' & bldrs.' matls., Salem, Ohio.
Satterthwaite Bros., mill & facty. supplies, Tecumseh, Mich.
Satterwaite, Pennington, architect, 345 5th av, New York.
Sattler, Peter, Co., harness, Toledo, Ohio.
Sattler, Wm., contr., 44 Breifnoll pl, Newark, N. J.
Sattley, Stakher Co., agricultural implements, 408 Telephone, Indianapolis, Ind.
Saturn Fdry. & Mach. Co., Wheeling, W. Va.
Saucer-Boyd & Co., turpentine, Baldwin, Fla.
Saucier, Thos., contractor, Lewiston, Me.
Sauer, Chas. A., & Co., contractors, Ann Arbor, Mich.
Sauer, F. J., contractors, Rochester, N. Y.
Sauer, Henry G., contractor, Rochester, N. Y.
Sauer, J. M., contr, Collinsville, Ill.
Sauer, N., Milling Co., flour, Cherryvale, Kans.
Sauer Power Generating Co., shaft bearings, 5115-19 Rosetta, Pitsburgh, Pa.
Sauer, Thos. W., contr., Collinsville, Ill.
Sauerbrum Const. Co., Century Bldg., St. Louis, Mo.
Sauerman Bros., sand & gravel excavating & conveying machy, 1138 Monadnock blk, Chicago, Ill.
Saugatuck Mfg. Co., button mfrs., Saugatuck, Conn.
Saugerties Coal & Lumber Co., masons' & bldrs.' matls., Saugerties, N. Y.
Saugerties Fdy. & Mach. Co., Saugerties, N. Y.
Sauk Center Granite Co., Sauk Center, Minn.
Sauk City Canning & Pickling Co., Sauk City, Wis.
Sauk Rapids Granite Co., Sauk Rapids, Minn.
Saul, Eugene C., Pacific Coast Representative of Central Tube Co., Monadnock Bldg., San Francisco, Cal.
Saulpaugh's, J. M., Sons, elec. wiring moldings, 180 Lewis, New York.
Saulpaw, G. L., & Son, flour mills, Calhoun, Tenn.
Saulsbury Bros., canned goods, Ridgely, Md.
Sault Mfg. Co., locomotive sanders, Worcester, Mass.
Saum Architects, architects, 625 Chestnut, St. Louis, Mo.
Saum, Jno. R., cornices & skylights, Harrisonburg, Va.
Saunders, Arthur E., architect, Boulder, Colo.
Saunders, Chas. W., architect, Ry Exchange bldg., Seattle, Wash.
Saunders & Co., dies, models & envelope sealing machines, 1700 Brooklyn av, Kansas City, Mo.
Saunders Cotton Mills, Saundersville, Mass.
Saunders', D., Sons, machsts. & fndrs., Yonkers, N. Y.
Saunders, E. E., & Co., fertilizer mfrs., Pensacola, Fla.
Saunders & Franklin, chemists, 184 Whittier av, Providence, R. I.
Saunders, H. J., contractors, tents, 900 Hennepin av, Minneapolis, Minn.
Saunders, J. A., Co., plate & window glass, 11830 Detroit av, Cleveland, Ohio.
Saunders, Jos., Co., machsts., Dayton, Ohio
Saunders, T. A., & Son, masons' & bldrs.' matls., Milton, Wis.
Saunders, W. J., architect, Laughlin Bldg., Los Angeles, Cal.
Sauquoit Canning Co., Utica, N. Y.
Sauquoit Toilet Paper Co., New Hartford, N. Y.
Saurer, Adolph, embroidering machs., River av & 151st, New York.
Saurer Motor Co., motor trucks, 252 W. 64th, New York.
Sauselein, Geo. C., brick, Maple Shade, N. J.
Sauset, K., contractor, Bellingham, Wash.
Sauters Coal Co., Leader News bldg, Cleveland, O.
Sauveur-Boylston, metallurgical engineers & metallurgical apparatus, Cambridge, Mass.
Savage Arms Corporation, guns & ammunition, Utica, N. Y.
Savage, B. B. & Co., mattresses, New Haven, Conn.
Savage Bros., lumber mfrs., Tacoma, Wash.
Savage Bros. Co., machsts., 2638 Gladys av, Chicago, Ill.
Savage, Chas. M., contractor, Anderson, Ind.
Savage Expansion Bolt Corp., 9 Debrosses, New York.
Savage, F. L., architect, Bar Harbor, Me.
Savage Fire Brick Co., Meyersdale, Pa.
Savage & Love Co., mill & facty. supplies, Rockford, Ill.
Savage, M. J., canned goods, Flatiron bldg., San Francisco, Cal.
Savage Mfg. Co., cotton duck & canvas, Savage, Md.
Savage Mfg. Co., tissue paper, Skowhegan, Me.
Savage Mountain Fire Brick Co., Frostburg, Md., & 2d Nat. Bk. Bldg., Pittsburgh, Pa.
Savage-Scofield Co., sand & gravel dlrs., Tacoma, Wash.
Savage Stanley Mfg. Co., gasovens, 414 S. Campbell, Chicago, Ill.
Savage Tire Co., San Diego, Cal.
Savage, W. E., mill & factory supplies, Fitchburg, Mass.
Savage, W. E., & Co., contractors, 39 Liberty, New York
Savage, W. J., Co., corn mills, mill & facty. supplies. Knoxville, Tenn.
Savage, Wm., architect, Amsterdam, N. Y.
Savannah Blow Pipe, Savannah, Ga.
Savannah Chemical Co., Savannah, Ga.
Savannah Guano Co., Savannah, Ga.
Savannah Handle Co., Savannah, Ga.
Savannah Iron & Wire Works, Savannah, Ga.
Savannah Kaolin Co., china, clay, etc., Savannah, Ga.
Savannah River Lumber Co., Savannah, Ga.
Savannah Roofing Co., Savannah, Ga.
Savannah Supply Co., mill, ry, & plbrs supplies, Savannah, Ga.
Savard, A., ink traps, 2412 Ames av, Omaha, Neb.
Savarsey, Frank, contractor, Billings, Mont.
Savell & Frost, lead dioxide, 732 Frankfort av, Cleveland, O.
Savels, O. M., & Co., machsts., Worcester, Mass.
Savery, Addison H., architect, Stephen Girard bldg., Phila., Pa.
Savery & Scheetz, architects, St. Girard Bldg., Philadelphia, Pa.
Savill's, Thos., Sons, plumbers', mill & facty. supplies—jobbers, 1310 Wallace, Philadelphia, Pa.
Savo Mfg. Co., radiator air moisteners, 39 S. La Salle, Chicago, Ill.
Saw Mill Constr. Co., 351 Carondelet, New Orleans, La.
Saw Mill Products Co., lumber, South av, Pittsburgh, Pa.
Sawbridge, Jno., cornices & skylights, North Yakima, Wash.
Sawders Paving & Constr. Co., Union Bk. Bldg., Pittsburgh, Pa.
Sawin, L. H., models & patterns, Gardner, Mass.
Sawtelle, M. P., contrs., Albuquerque, N. Mexico.
Sawyer, Avila, contractor, Lowell, Mass.
Sawyer Belt Hook Co., Pawtucket, R. I.

Sawyer Belting Co., ft. Lisbon rd, S. E., Cleveland, Ohio.
Sawyer Brass & Iron Fdy., Oswego, N. Y.
Sawyer, C. L., comealongs or wire pullers, Millers Falls, Mass.
Sawyer, C. M., lumber mfrs., Hardwick, Vt.
Sawyer Canning Co., Atkinson, N. H.
Sawyer Carriage Co., Lowell, Mass.
Sawyer Crystal Ball Co., 88H Broad, New York
Sawyer, E. C., carriages, Beverly, Mass.
Sawyer, Edw. G., Co., mill engrs., 12 Providence ct., Boston, Mass.
Sawyer Gear & Mfg. Co., 5120 St. Clair, N. E., Cleveland, Ohio.
Sawyer-Goodman Co., lbr. mfrs., Marinette, Wis.
Sawyer, H. M., & Sons, oiled cloth, Cambridge, Mass.
Sawyer, Houghton, archt., Hearst bldg, San Francisco, Cal.
Sawyer, Howard B., Oil Co., metal polish, 62 Long wharf, Boston, Mass.
Sawyer, J. E., & Co., whol. hdwe., Glens Falls, N. Y.
Sawyer, Otis C., lbr., Sharon, Vt.
Sawyer, Philip ,archt., 50 E. 41st, New York.
Sawyer Tool Mfg. Co., gauges, rules, squares, etc., Ashburnham, Mass.
Sawyer, W. F. & J. T., contrs. & sash, door & blind mfrs., Norfolk, Va.
Sawyer, W. H., & Sons Co., machinery, Americus, Ga.
Sawyer & Watrous, archts., Hippel Bldg., Des Moines, Ia.
Sax, Alfred R., Lumber Co., 18 B'way, New York.
Sax, Moritz, architect, 4th Nat. Bk. Bldg., Cincinnati, Ohio.
Saxe, Albert M., architect, 64 E. Van Buren, Chicago, Ill.
Saxe, E. W., Pottery Co., 3519 E. 71st, Cleveland, Ohio.
Saxelbye, H. F., archt., St. James Bldg., Jacksonville, Fla.
Saxer, Creider, Machy Co., dlrs., Erie, Pa.
Saxer Paper Mills, Syracuse, N. Y.
Saxman, P. H., machy. dlrs., Latrobe, Pa.
Saxon Mfg. Co., auto accessories, 1034 Grand av, Toledo, Ohio.
Saxon Motor Car Co., 917 Bellevue av, Detroit, Mich.
Saxonville Mills, carriage robes, 93 Summer, Boston, Mass.
Saxony Knitting Co., gloves & mittens, Seattle, Wash.
Saxony Knitting Mills, knitted gloves, Needham Heights, Mass.
Saxony Mills, flour, 321 Lombard, St. Louis, Mo.
Saxton Heating Co., 405 6th av, S., Minneapolis, Minn.
Saxton & Howe, Tremont bldg, Boston, Mass.
Saxton & Strong, masons' & bldrs.' matls., Bristol, Conn.
Saxton Woolen Co., woolen carriage cloth, Norwich, Conn.
Sayers & Scovill Co., automobile bldrs., Gest, Cincinnati, Ohio.
Sayford Paper Specialty Co., dishes, etc., 200 5th av, New York.
Sayle, Thos., Jr., granite producers, New London, Conn.
Sayles, A. L., & Sons, carriage cloth, Pascoag, R. I.
Saylor, D. L., & Son, masons' & bldrs.' matls., Annville, Pa.
Saylor Elec. & Mfg. Co., flexible metal. conduits, 115 S. Main, Pittsburgh, Pa.
Sayman, Dr. Thomas M. See Sayman, T. M., Products Co. (successors)
Sayman, T. M., Products Co., soap, 2111 Franklin av, St. Louis, Mo.
Sayre, C. Gadsden, architect, Anderson, S. C.
Sayre & Fisher Co., brick, 261 Broadway, New York.
Sayre, Jas. H., Jr., & masons' & bldrs.' matls., River, Newark, N. J.
Sayre, L. A. Co., adze mfrs. plumbers' soil cups, chisels, etc., 332 Mulberry, Newark, N. J.
Sayre Metal Co., aluminum leaf, Sayre, Pa.
Sayre Stamping Co., Sayre, Pa.
Sayre, T. F., & H. C., masons' & bldrs.' matls., Elizabeth, N. J.
Sayers, Iven H., canned goods, Westminster, Md.
Sayward, W. J., architect, Chamber of Commerce bldg, Atlanta, Ga.
S. B. R. Specialty Co., compounds, valve grinding, East Orange, N. J.
Scaar, Frank, & Co., archl. iron, 1042 W. 11th, Chicago, Ill.
Scagliola Mfg. Co., marble, 255 Lexington av, New York.
Scaife Foundry & Machine Co., roll turning lathes, German Nat. Bk. Bldg., Pittsburgh, Pa.
Scaife, Wm. B., & Sons Co., tanks, steel barrels, structural steel & plate work, water purifiers, softeners & filters, 1st Nat. Bk. Bldg., Pittsburgh, Pa., 26 Cortlandt, New York, & 38 Dearborn, Chicago, Ill., Works at Oakinont, Pa.
See adv. index at end of book.
Scala, Vincent, contractor, 73 Carroll, Brooklyn, N. Y.
Scalborn Mfg. Co., machinists, 11 S. Desplaines, Chicago, Ill.
Scales, W. J., architect, Glens Falls, N. Y.
Scallon Supply Co., mill & factory supplies, 121-3 W. Third, Cincinnati, Ohio.
Scallon, W. E., Co., drill holders, 1122-26 Gest, Cincinnati, O.
Scam, S., & Son, machst., South Norwalk, Conn.
Scandinavia Belting Co., 106 Reade, New York.
Scanlan-Morris Co., hospital furniture, Madison, Wis.
Scanlon, Michael J., contractor, New Castle, Pa.
Scannell Boiler Wks., Lowell, Mass.
Scannell, John Co., soap, 3208 S. Robey, Chicago, Ill.
Scarborough-Davies Co., contractors, Evansville, Ind.
Scarborough Motor Guide Co., maps, Indianapolis, Ind.
Scarritt-Comstock Furn. Corp., reclining chairs, 817 Washington av, St. Louis, Mo.
Scattergood, H. W. Co., ink wells, glue pots, etc., 1722H W. Venango, Phila., Pa.
Schaad, Ben D., Machy. Co., Little Rock, Ark.
Schaad Mfg. Co., furn, Dept H, Knoxville, Tenn.
Schaad, Paul, plbrs. & steamfitters' supplies, etc., 179 Pearl, New York.
Schaaf, Adam, organs, 700 W. Madison, Chicago, Ill.
Schaaf Co., contrs., Mutual Life Bldg., Buffalo, N. Y.
Schaaf & Schnaus Mfg. Co., sash, door & blind, Jasper, Ind.
Schaar & Co., laboratory apparatus, 556H W. Jackson blvd., Chicago, Ill.
Schacht, B., archl. iron, 279 E. 148th, New York.
Schacht, Emil, architect, Commonwealth Bldg., Portland, Ore.
Schacht, G. A., Motor Truck Co., Gest & Evans, Cincinnati, O.
Schacht Rubber Mfg. Co., Huntington, Ind.
Schack, J. H., architect, Lippy Bldg., Seattle, Wash.
Schad, Alva, machst., Carlock, Ill.
Schad, Chas., ladders & scaffold bldrs., 11 Jefferson, B'klyn, N. Y.
Schad, Fred, & Son Iron Wks., 1117 S. Crawford av, Chicago, Ill.
Schade Valve Mfg. Co., 2528 N. American, Philadelphia, Pa.
Schadel, J., & Co., scrap iron, Springfield, Ohio.
Schadewald Mills, hair cloth mfrs., 3d & Huntington, Phila., Pa.
Schadler, F. M., architect, Reno, Nev.
Schadt, Conrad H., contr., Silvis, Ill.
Schadt, Wm., sashes, doors & blinds, Galveston, Tex.
Schaedel & Bro. Co., contractors, 118 Bruce, Newark, N. J.
Schaedle, Geo. W., contractor, 133 Devoe, Brooklyn, N. Y.
Schaefer, Chas., Jr., architect, 2853 3rd av, New York.
Schaefer, H. P., masons' & bldrs.' matls., Schulenburg, Tex.
Schaefer & Beyer, blow torches, 52 Bragaw av, Newark, N. J.
Schaefer Brass Mfg. Co., shade holders, 815 Clark av, St. Louis, Mo.
Schaefer Bros. Co., rheostats, switchboards, 1059 W. 11th, Chicago, Ill.
Schaefer & Co. See Schaefer Plumbing Supply Co. (successors)
Schaefer Constr. Co., 5 W. 31st, New York.
Schaefer, E. P., brick, Latty, Ohio.
Schaefer, Edw., stone producer, Toccoa, Ga.
Schaefer, Emil, fndrs., 1322 N. 5th, Philadelphia, Pa.
Schaefer, Geo., cornices & skylights, Memphis, Tenn.
Schaefer, Gustav, Wagon Co., carriages, 4180 Lorain av, Cleveland, Ohio.
Schaefer, Joseph, mattresses, Ft. Wayne, Ind.
Schaefer, Louis, archl. wood turning, etc., 1444 W. 21st, Chicago, Ill.
Schaefer, McLaughlin Co., brushes, 395 Reed, Milwaukee, Wis.
Schaefer Mfg. Co., see Johnson & Thompson (successors).
Schaefer, Max. Co., silk shades, 26 Warren, New York.
Schaefer Plumbing Supply Co., 146H Clinton, Buffalo, N. Y.
Schaefer, Robt. T., architect, 1526 Flatbush av, Brooklyn, N. Y.
Schaefer Rubber Co., mill & factory supplies, 15 E. Grand River, Detroit, Mich.
Schaefer Tent & Awning Co., Denver, Colo.
Schaefer, Wm. F., cornices & skylights, 692 S. 11th, Newark, N. J.
Schaefer, Wm., fndrs., Columbus, Ohio.
Schaeffer Bros & Powell Mfg. Co., plumbers', etc., candles; soap, Barton & Kosciusko, St. Louis, Mo.
Schaeffer & Budenberg Mfg. Co., gauges, indicators & thermometers, Berry & S. 5th, Brooklyn, N. Y.
Schaeffer, Gengnagel & Co., masons' & bldrs.' matls., Dayton, O.
Schaeffer, Geo. H. T., & Co., contractors, Atchison, Kans.
Schaeffer, J. M., blankets, flannels, woolen, Sandy Lake, Pa.
Schaeffer Mach. Wks., 35th & Gray's Ferry rd, Phila., Pa.
Schaeffer Piano Mfg. Co., 218 S. Wabash av, Chicago, Ill.
Schaeffer, R. F., slate stair treads & risers, Bangor, Pa.
Schaeffer & Schwartzkopf, flour, Columbus, Ind.
Schaeffer, Wanner & Co., masons' & bldrs.' matls., Fleetwood, Pa.
Schaettler, F., interior hardwood wk., 533 W. 34th, New York.
Schafer, E. G., & Co., steam fitters' & plumbers' supplies—jobbers, 218 13th, N. W., Washington, D. C.
Schafer, F., & Son, machsts., South Bend., Ind.
Schafer, Jos., willow ware mfrs., Liverpool, N. Y.
Schafer, Louis N., lbr., Argos, Ind.
Schaefer, Wellington J., architect, Spencerian Bldg., Cleveland, Ohio.
Schaff Bros. Co., pianos, Hungtington, Ind.
Schaff Piano String Co., 2011 Clybourne av, Chicago, Ill.
Schaffer, Chas. W. Co., plumbers' supplies, 3214 Chestnut, Philadelphia, Pa.
Schaffer Engineering & Equipment Co., 2828 Smallman, Pittsburgh, Pa.
Schaffer, G. W., brick, Spencerville, Ohio.
Schaffer, J. C., handles (wood), Delphos, Ohio.
Schaffer, John P., htg. contrs., 108 Wood, Pittsburgh, Pa.
Schaffer Tinware Mfg. Co., wash boilers, 76 Sedgwick, Brooklyn, N. Y.
Schaffer, W. H., harness, Stockton, Cal.
Schaffner Bros. Co., meat packers, Erie, Pa.
Schaffner, Daniel J., architect, 139 N. Clark, Chicago, Ill.
Schaffner, Geo., stone producer, Butler, Pa.
Schaible & Houser, wholesale hdwe., Troy, Ohio.
Schairer, Geo. E., hay racks, Saline, Mich.
Schal, Jno. D., & Co., machsts., Chambersburg, Pa.
Schalker Packing Co., meat, Leavenworth, Kans.
Schall, A., & Co., stone, Omaha, Neb.
Schall Packing Co., Atlantic Wharf, Baltimore, Md.
Schaller Bros., elec. contrs., Torrington, Conn.
Schaller & Goebel, carriages, Mendota, Ill.
Schaller-McKey Lumber Co., Janesville, Wis.
Schantz, A. J., Sons & Co., organs, Orville, Ohio.
Schantz & Eckert, machsts. & fndrs., Perth Amboy, N. J.
Schaper Const. Material Co., carriage & machine bolts, spikes & washers, 90 West, New York.
Schaper & Koch, meat packers, Fort Madison, Ia.
Schapirgraph Co., duplicating app., 228 W. B'way, New York.
Schapper Chem. Co., calcium permanganite & methylene blue, 192 Clark, Chicago, Ill.
Schardin, F. H., architect, 911 O, Sacramento, Cal.
Scharf Smoke Preventer Co., Ypsilanti, Mich.
Scharf Tag & Label Co., Ypsilanti, Mich.
Scharff-Koken Mfg. Co., fibre shipping cases, 1942H N. 2d, St. Louis, Mo.
Scharmer Constr. Co., 139 N. Clark, Chicago, Ill.
Scharsmith, Jno. E., architect, 523 W. 146th, New York.
Schartow Mfg. Co., chains, clips, hame loops, saddlery hdwe., etc., Milwaukee, Wis.
Schartzer, G. H. Co., contractors, 1832 Ludlow, Dayton, Ohio.
Schastey, Geo. A., architect, 681 Market, San Francisco, Cal.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Schatz Mfg. Co., bearings, punches & shears, Poughkeepsie, N. Y.
Schatzman, P., & Son, cornices & skylights, Glendale, Ohio.
Schaub, Justus, masons' & bldrs.' matls.—contr., Hazleton, Pa.
Schaub, Louis J., architect, 3305 Wrightwood av, Chicago, Ill.
Schaum, John G., htg. contrs., Lancaster, Pa.
Schaum & Uhlinger, textile machy., Glenwood av. & N. American, Philadelphia, Pa.
Schaumberg, Henry, Jr., archt., 3631 Conn., St. Louis, Mo.
Schawe, G. C., cornices & skylights, Lexington, Mo.
Schawel, J., & Co., assayers & refiners, 26 John, New York.
Scheel, K. H., architect, Pier 1, Seattle, Wash.
Scheel, Wm. H., color mfrs., oils, pigments, varnish gums, etc., 159 Maiden la., New York. *See adv index at end of book.*
Scheele, Hy., Jr., stone prod., Sheboygan, Wis.
Schefcik, F. J., architect, 4168 Park av, New York
Scheffel & Son, stone, Grand Island, Neb.
Scheffer, Morris L. J., architect, Islip, N. Y.
Scheffer & Rossum Co., harness, saddles, etc., 104 E. 10th, St. Paul, Minn.
Scheible-Moncrief Heater Co., 1444 W. 9th, Cleveland, Ohio.
Scheid, Jos., Sons Co., furn., 1908 Dunlap, Cincinnati, Ohio.
Scheidenhelm, Ed. D., contractor, Wilmette, Ill.
Scheidenhelm, Edw. L., Co., contrs., 111 W. Monroe, Chicago, Ill.

Scheiderer, Byron, architect, Majestic Bldg., Milwaukee, Wis.
Scheidig, Jno., & Co., telescopes, goggles, opera glasses, 32 Maiden la, New York.
Scheidler Machine Works, Newark, Ohio.
Scheier, D. L., Furn. Co., 2206H Superior av, Cleveland, Ohio
Scheier, John H., architect, 25 W. 42d, New York.
Scheiner, Jas. M., architect, 830 Lexington av, New York
Scheinman, I. L., & Co., machine wipers, 38 Sherman, Detroit, Mich.
Scheipering, Gustav, cornices, Quincy, Ill.
Scheiter, Jos. J., & Co., hair cloth mfrs., 3d & Huntington, Philadelphia, Pa.
Scheldt Mfg. Co., sash, door & blind mfrs., 4433 N. Crawford av, Chicago, Ill.
Schelhase, J. H., carriages, Canton, Ohio.
Schell, C. A., Provision Co., Akron, Ohio.
Schell Chemical Co., 56 Pine, New York.
Schell, J. A., cornices, & skylights, Miamisburg, Ohio.
Schell & Kroner, cornices, Quincy, Ill.
Schell, P. A., & Co., mill & facty. supplies, Somerset, Pa.
Schell, R. Montgomery, architect, 339 Lexington av, New York
Schellenbach-Hunt Tool Co., Murdock Bldg., Cincinnati, Ohio.
Schellenberger, F. F., & Co., contractors, Oliver Bldg., Pittsburgh, Pa.
Schellentrager, Louis F., & Co., stone carvers, E. 10th & Canfield ct, Cleveland, Ohio.
Scheller, Jesse E., architect, 7606 Crandon av, Chicago, Ill.
Schellings, C. J., & Co., glycerine, 160 Pearl, New York.
Schelly, C. Y., & Bro., hdwe.—whol., Allentown, Pa.
Schemmel, Geo. C., welding apparatus, Wapakoneta, Ohio.
Schenck, Albert E., architect, Real Est. Tr. Bldg., Phila., Pa.
Schenck Bros., carriages, Great Neck, N. Y.
Schenck, Geo., & Co., contractors, Butler, Pa.
Schenck, M. B., Co., Division of The Bossick Co., bed & stove casters, 38 Austin, Bridgeport, Conn.
Schenck Mfg. & Supply Co., machsts., Parker's Landing, Pa.
Schenck & Mead, architects, 105 W. 40th, New York.
Schenck, Rudolph, architect, 122 S. Michigan av, Chicago, Ill.
Schenck, T. L., contractor, Butler, Pa.
Schenck & Williams, architects, Mutual Home Bldg., Dayton, O.
Schencke Piano Co., 245 E. 137th, New York.
Schendel, Chas., contr., Danville, Ill.
Schenectady Contr. Co., Schenectady, N. Y.
Schenectady Linonite Co., insulating cloth, Schenectady, N. Y.
Schenectady Tile Co., flooring, Schenectady, N. Y.
Schenectady Varnish Co., Schenectady, N. Y.
Scheninger, J. A., & Bro., corn brooms, Syracuse, N. Y.
Schenk, E. B., Hdwe. Co., cornices & skylights, Mount Vernon, Ind.
Schenk, F., & Sons Co., meat packers, Wheeling, W. Va.
Schenkemeyer, Chas., & Sons, contractors, Johnstown, Pa.
Schenkler, Philip, halters & horse hair, 2060 Bergen, Brooklyn, N. Y.
Scheppele, Chas. A., gasoline marine engines, Dubuque, Ia.
Scherbner, Paul, Iron Wks., 306 E. 123d, New York.
Scherer, H., & Co., carriage fasteners, separators, sockets, etc., 280 E. Jefferson av, Detroit, Mich.
Scherer Mach. Co., Danville, Ill.
Scherer & Mountain, contrs., Ironton, Ohio.
Scherer, Wm. C., & Co., sash, door & blind mfrs., 810 W. Baltimore, Baltimore, Md.
Scherer, Wm., Mfg. Co., metal patterns, 1384 E. 40th, Cleveland, Ohio.
Schering & Glatz, medical specialties, 150 Lane, New York
Schermerhorn Bros. Co., twine & cordage, 5 No. La Salle, Chicago, Ill.
Schermerhorn, Clarence E., architect, 430 Walnut, Phila., Pa.
Schermerhorn, Richard, Jr., landscape architect, 363 Lexington av, N. Y.
Schermuly Mfg. Co., machsts. & fndrs., Wichita, Kans.
Scherpe, B., & Sons, pianos, 2102 Clybourn av, Chicago, Ill.
Scherzer Rolling Lift Bridge Co., Monadnock blk, Chicago, Ill.
Schettler, C. A., & Co., electric car headlights, 419 Erie Bldg., Cleveland, Ohio.
Schetzel, M. P., architect, Blake & Moffit Bldg., Oakland, Cal.
Scheubner, Herman J., coppersmiths, 424 E. 110th, New York.
Scheve, J. L., Lbr. Co., Hall & St. Louis, av, St. Louis, Mo.
Schewe, Chas. R., Co., contractors, Chamber of Commerce, Detroit, Mich.
Schick-Johnson Co., bank fixtures, 1737 N. Paulina, Chicago, Ill.
Schick, Wm., & Son, 2917 So. 48th av, Cicero, Ill.
Schick, Wm., Mfg. Co., mattresses, Topeka, Kans.
Schickel Motor Co., Stamford, Conn.
Schiebe, E. F., sewing trays, Somerville, Mass.
Schieble Toy & Nov. Co., Dayton, Ohio.
Schieche, Frank, brick, Freeman, Wash.
Schieffelin & Co., camphor, carbolic acid, 170 William, New York.
Schield, Wm., Mfg. Co., lye, 619 N. 2d, St. Louis, Mo.
Schielke & Blommer, carriages, 327 5th, Milwaukee, Wis.
Schier, B. H., brick, West Point, Ia.
Schieren, Chas. A., Co., leather belting, 30 Ferry, New York.
Schietinger & Ladwig, cornices, Bridgeport, Conn.
Schiff, Wm. J., Lumber Co., Florence, Ala.
Schifferle, Fredolin, water htrs., 1206 S. B'way, St. Louis, Mo.
Schiffers, Peter & Sons, machsts. & fndrs., San Antonio, Tex.
Schild Specialty Co., ball cocks, 111 High av, Cleveland, Ohio.
Schildwachter Automobile Co., 1887 Park av, New York.
Schill Bros. Co., fndrs., Crestline, Ohio.
Schill, Fredk, & Co., sash, door & blind mfrs., 784 Springfield av, Newark, & Irvington, N. J.
Schiller, Fred'k, & Co., machsts., 323 N. 3d, Phila., Pa.
Schiller, Jos. F., blow-off valves, 316 S. Lawrence, Phila., Pa.
Schiller, Nolan & Co., blow-off valves, Darien & Wood, Phila., Pa.
Schiller Piano Co., Oregon, Ill.
Schiller, V., architect, 391 10th, Astoria, N. Y.
Schilling, Adam & Sons, engines, 211 Main, San Francisco, Cal.
Schilling, Chas., sword scabbards, 938 Diamond, Phila, Pa.
Schilling, Frederick, oils & boiler compounds, 617 Greenwich, New York.
Schilling, John N., cornices, 479 N. 20th, Columbus, Ohio.
Schillinger, A. J., & J. G., tubular boilers, Moline, Ill.
Schillinger Bros., contractors, Illinois, Detroit, Mich.
Schillinger Bros., Co., contractors, 215 City Park av, Toledo, O.
Schillinger Construction Co., 2315 N. Seeley av, Chicago, Ill.
Schillinger, G. A., contractor, 2315 N. Seeley av, Chicago, Ill.
Schillner, G. C., architect, Rome, N. Y.
Schimek, Alfred F., architect, 1420 S. Ashland av, Chicago, Ill.
Schimmel & Co., pianos, Faribault, Minn.
Schimmel, Reid & Co., machinery, Faribault, Minn.
Schimper, Wm. & Co., silver novelties, etc., 322-338 Ferry, Hoboken, N. J., & 33 Union sq. West, New York.
Schimpleienig, Chas., cornices, Lafayette, Ind.
Schindler, A. J., Co., machsts., 1314 W. 21st, Chicago, Ill.
Schindler, Chas., advertising novelties, Toledo, Ohio.
Schindler, J., architect, Union Everson bldg, Syracuse, N. Y.
Schingel, Jos., Jr., contractor, Danville, Ill.
Schinnerer, Geo., cooperage stock, Columbus, Ind.
Schippel, Albert, architect, Mankato, Minn.
Schirm, F., Contracting Co., 4336 College av, St. Louis, Mo.
Schirm, J. S., Commercial Co., masons' & bldrs.' matls., San Diego, Cal.
Schirmer, Bugbee & Co., archts., 577 14th, Oakand, Cal.
Schirmer Furn. Co., Dept. H, 1911 Elm av, Cincinnati, Ohio.
Schlachter, Henry, contractor, 348 Alpha pl, Brooklyn, N. Y.
Schlachter, Phillips, Jr., masons' & bldrs.' matls.—contr., Streator, Ill.
Schlachter's, Jacob, Sons, meat packers, 2839 Colerain av, Cincinnati, Ohio.
Schlacks, Henry J., architect, 721 N. Mich. av, Chicago, Ill.
Schlafer Hardware Co., Appleton, Wis.
Schlangen Bros. Co., beer racking & spec. machy., 2435 Irving Park blvd, Chicago, Ill.
Schlater, R. H., cornices & skylights, Des Moines, Ia.
Schlatter, C. C., & Co., mill & facty. supplies—whol. hdwe., Fort Wayne, Ind.
Schlechter, Edw. H., badges & buttons, Allentown, Pa.
Schlecte, Wm., brick, Okawville, Ill.
Schlede, Christian, brick, Kingston, N. Y.
Schlegel, Chas. H., contractor, Mt. Penn, Pa.
Schlegel, Dan'l, machst., Boyertown, Pa.
Schlegel Mfg. Co., silk fringes & trimmings, Rochester, N. Y.
Schlegel, Oscar, Mfg. Co., bronze powders, enamels, varnishes, etc., 124 E. 13th, New York.
Schleicher Motor Vehicles Co., 37 W. 14th, New York.
Schleit, W. A., Mfg. Co., Inc., garage heaters, Syracuse, N. Y.
Schlelein, F. P., Mach'y Co., 32 W. Parkway, N. S., Pittsburgh, Pa.
Schlemmer, Oliver Co., heating contr., 1060 Hulbert av, Cincinnati, Ohio.
Schlesinger Bros., advtg. post cards, 141 5th av, New York.
Schlesinger Bros., brick, Colorado Springs, Colo.
Schlesinger, Leo. & Co., advtg. nov.; tinware mfrs., etc., 64 Wooster, New York
Schlesinger, W. & S., & Co., bedstead mfrs., 137 5th av, New York, & Richardson, Brooklyn, N. Y.
Schlitz, Philip, machst, Wauseon.
Schleunes, J. F., contractor, Duluth, Minn.
Schley, Geo. & Sons., architects, 424 E. Water, Milwaukee, Wis.
Schlichter, E. F., Co., wooden tank mfrs., 10 S. 18th, Phila., Pa.
Schlichter Jute Cordage Co., 20 N. Front, Phila., Pa.
Schlichter, P. M., & W., marble, 636 1st av, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York.
Schliesser, Wm., & Arnold, brick, Sherwood, Ohio.
Schlitz, Philip, machst., Wauseon, Ohio
Schlom, Meyer J., cornices & skylights, Houston, Tex.
Schlorer & Son, meat packers, Camden, N. J.
Schlosberg & Cohen, contractors, Ann & Aramingo, Phila., Pa.
Schloss, E. (Est. of), tree moss, Baton Rouge, La.
Schloss, E., & Co., tea wagons, Grand & E. River, New York.
Schloss, Jos. W., Co., crochet buttons, 160 5th av, New York.
Schlosser, Frank, stone producer, Covington, Ky.
Schlosser, Henry, architect, San Rafael, Cal.
Schlosser, Jacob, & Son, cornices, Hamilton, Ohio.
Schlosser Mfg. Co., machsts., 151 E. 126th, New York.
Schlosser, W. A., contr., Cullman, Ala.
Schlossman, M., & Son, plbrs.' supplies, 208 E. 84th, New York.
Schlotter, Frank J., architect, 113½ Upper 4th, Evansville, Ind.
Schluckebier Hardware Co., Petaluma, Cal.
Schlueter, M. L., floor polishing, scraping & surface machines, 225 W. Illinois, Chicago, Ill.
Schlueter Mfg. Co., japanned & tinware mfrs., B'way & John av, St. Louis, Mo.
Schlueter, R., & Co., cutting dies, 297 Wash., Newark, N. J.
Schlueter, Stephen, machst., Napoleon, Ind.
Schlund, J. J., industrial engnr., 389H Pratt, Buffalo, N. Y.
Schlutt & Archut, contractors, St. Joseph, Mich.
Schmadel Packing & Ice Co., meat packers, Evansville, Ind.
Schmahl, Jacob, Co., tin plate, etc., 28 Lloyd, Buffalo, N. Y.
Schmalz, C. F., buttons, Muscatine, Ia.
Schmalz, Emil C., architect, 5041 W. Madison, Chicago, Ill.
Schmatolla, Ernst, combustion & metallurgical engrs., 217 B'way, New York
Schmauss Co., meat packers, Rockford, Ill.
Schmedien, W. H., carriages, Coldwater, Mich.
Schmeers Paper Box Co., sample cases, paste, Syracuse, N. Y.
Schmeiser Mfg. Co., agricultural implements, Davis, Cal.
Schmeling & Alter, steel stacks, Fort Wayne, Ind.
Schmeltz, F. L., Co., archts.., 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Schmelzer, John, furniture, Dept. H, Saginaw, Mich.
Schmetzler, Chas. H., architect, Fairbury, Ill.
Schmick, W. H. Slattery, Inc., trav. bags & suit cases, 873 B'way, New York.
Schmid Bros., machsts. & fndrs., Lancaster, Pa.
Schmid, E., Co., surgical instruments, 912 foot Wayne av, Indianapolis, Ind.
Schmid, John, bank fixtures, 58 Oak, San Francisco, Cal.
Schmid, Leopold, surgical instruments, 1241 Buttonwood, Phila., Pa.
Schmid Mfg. Co., hdwe. mfrs., Dubuque, Ia.
Schmid, Matthew, contr., 5319 N. 12th, Phila., Pa.
Schmid & Parker Packing Co., meat, Sacramento, Cal.
Schmid, R. G. & Co., architect, 154 W. Randolph, Chicago, Ill.
Schmidt, Arthur F., cornices, 2012 Cedar, Milwaukee, Wis.
Schmidt, A. R., Electric Co., switchboards, 262 E. Water, Milwaukee, Wis.
Schmidt & Ault Paper Co., York, Pa.
Schmidt, B. L., Co., machsts. & fndrs., Davenport, Ia.
Schmidt-Backman Co., paper boxes, Sacramento, Cal.
Schmidt Bros., contractors, Superior, Wis.
Schmidt Bros., lbr., Plummer, Idaho.
Schmidt Bros., machsts., 909 Faile, New York.
Schmidt Bros., & Co., flour mills, Elkader, Ia.
Schmidt Bros. Constr. Co., 74 W. Washington, Chicago, Ill.
Schmidt Building Co., 966 30th, Milwaukee, Wis.
Schmidt, C., Co., butchers' machy. & supplies, Livingston & John, Cincinnati, Ohio.
Schmidt Construction Co., 133 W. Washington, Chicago, Ill.
Schmidt Cut Stone Co., South Bend, Ind.

Schmidt, D. H., Carriage & Wagon Co., St. Joseph, Mo.
Schmidt-Dauber Co., pianos, 444 W. 13th, New York.
Schmidt, David H., Co., piano key hammers, Poughkeepsie, N. Y.
Schmidt, E. J., & Co., imp. essential oils, 59H Fulton, New York.
Schmidt, Edw. L., machsts. & brass fndrs., Amsterdam, N. Y.
Schmidt, F. L., Co., 11th av & 21st, New York.
Schmidt, F. W., crushed stone & trap rock, Morristown, N. J.
Schmidt, Frederick B., architect, 7 S. Dearborn, Chicago, Ill.
Schmidt, G. L., cottonseed meal, Lincoln, Ala.
Schmidt, Geo., cornices & skylights, Oldenburg, Ind.
Schmidt, Geo., windmills, East Williston, N. Y.
Schmidt, Geo. A., Co., soap, 236 W. North av, Chicago, Ill.
Schmidt, Geo. P., Co., cornices & skylights, 1020 E. Ohio, Pittsburgh, Pa.
Schmidt, Geo. T., name plates, stamps, etc., 4100 Ravenswood av, Chicago, Ill.
Schmidt, Geo. W., brick, 180 Linwood av, Buffalo, N. Y.
Schmidt, H., & Co., cornices, 451 S. Clark, Chicago, Ill.
Schmidt, H. E., & Co., reeds, New Bedford, Mass.
Schmid, Hugo, architect, 1165 N. Clark, Chicago, Ill.
Schmidt, J. C., fndrs., Passaic, N. J.
Schmidt, John, willowware mfrs., Cincinnati, Ohio.
Schmidt, John J., architect, 352 Avenue C, Bayonne, N. J.
Schmidt, Jos., machst. & fndr., Moline, Ill.
Schmidt, Matthew, stone producer, Grand Rapids, Mich.
Schmidt, Matt. B., architect, 347 Madison av, New York
Schmidt, Oscar, musical instruments, 87 Ferry, Jersey City, N. J.
Schmidt, P. C., architects, Shukert Bldg., Kansas City, Mo.
Schmidt, P., & Co., stone, 3038 Galena, Milwaukee, Wis.
Schmidt, Phil, contrs., Cissna Park, Ill.
Schmidt, Philip, contractor, Youngstown, Ohio.
Schmidt, Richard E., architect, 104 S. Michigan av, Chicago, Ill.
Schmidt, Sam'l, cornices, 162 N. Desplaines, Chicago, Ill.
Schmidt & Stork Wagon Co., wagon spokes, West Bend, Wis.
Schmidt, W. H. & Sons Co., sash, door & blind mfrs., 52 State, Milwaukee, Wis.
Schmidt, W. J. & E., contrs., Berkeley, Cal.
Schmidt, W. T., architect, 1625 W. 10th, Oklahoma City, Okla.
Schmidt Walter K. Co., wood stains, Grand Rapids, Mich.
Schmidt, William, architect, 1188 Main, Bridgeport, Conn.
Schmidt, Wm., contractor, 306 E. 159th, New York.
Schmidt, Wm. & Co., masons' & bldrs.' matls, Tipton, Mo.
Schmidt, Wm. F. & Co., machsts., 3149 Texas, St. Louis, Mo.
Schmidt, Wiphart, brick & tile, Kenton, O.
Schmidtman's, Theo. Sons Co., pads & tablets, Manitowoc, Wis.
Schmidtt, H., & Son, bldg. contrs., 430 Farwell, Milwaukee, Wis.
Schmied, Sisman Co., contractors, 385 Beauport, Detroit, Mich.
Schmile, Carl, & Son, architects, Prudential Bldg., Buffalo, N. Y.
Schminke, H., Co., cornices, Evansville, Ind.
Schmit, Henry, Furn. Co., 1073H Hopkins, Cincinnati, Ohio.
Schmit Trunk & Bag Co., Oshkosh, Wis.
Schmitt, Anthony, F. A., architect, 281 E. 201st, New York
Schmitt Bros., lbr., Gazelle, Cal.
Schmitt, Chas. N., glass stainers, 4th & Callowhill, Phila., Pa.
Schmitt & Co., contractors, Wilkes-Barre, Pa.
Schmitt, Edw. F., cornices, 521 Ludlow, Philadelphia, Pa.
Schmitt, Ernest, architect, Hannibal, Mo.
Schmitt, Frank, & Co., sashes, doors & blinds, Portland, Ore.
Schmitt & Henry Mfg Co., bed springs & mattresses, Des Moines, Ia.
Schmitt, J. B., contractor, 610 Sycamore, Cincinnati, O.
Schmitt, Jacob, masons' & bldrs. matls., Secaucus, N. J.
Schmitt, John A., Sons, contractors, Wilkes-Barre, Pa.
Schmitt, Max, brick, Cullman, Ala.
Schmitt, Maximilian, aeroplanes & supplies, Paterson, N. J.
Schmitt, W. J., architect, 9827 Lorain av, Cleveland, Ohio
Schmitt, W. N., contractor, Jamestown, N. D.
Schmittdiel, Benj. A., & Co., mill & facty. supplies, 19 E. Jefferson, Detroit, Mich.
Schmitten, F. W., & Co., lumber, Cashmere, Wash.
Schmitt's, Jno. A., Sons, masons' & bldrs.' matls., Wilkes-Barre, Pa.
Schmitz, Geo., & Bro., auto. wood bodies, 666 Genesee, Buffalo, N. Y.
Schmitz, Harley C., & J. J., architects, 3344 Observatory rd, Hyde Park, Cincinnati, O.
Schmitz, Jos., mattresses, Lancaster, Pa.
Schmitz, Moore & Co., silver nov., 407 Mulberry, Newark, N. J.
Schmoller & Mueller Piano Co., Omaha, Neb.
Schmook, H. B., mach. & fdr., Springfield, Mo.
Schmuck Co., masons' & bldrs.' matls., Hanover, Pa.
Schnaible, M., & J. Co., soap, Lafayette, Ind.
Schnair, Jacob, scrap brass, 28 W. 128th, New York.
Schnaitacher, Sylvan, architect, 233 Post, San Francisco, Cal.
Schnaufer Roofing Co., cornices & skylights, 816 Concord, Pittsburgh, Pa.
Schnauffer, Wm. A., motor driven heat cleaners, 200 W. 88d, New York.
Schnebelin, Fred., mchsts. & fdrs., Mascoutah, Ill.
Schnebly & Hostraswer, contrs., Oakland, Cal.
Schneck, E. J., & Sons, furniture, Dept. H, Allentown, Pa.
Schneck Mach. Co., 811 St. Paul, Milwaukee, Wis.
Schnee & Schnee, contrs., 1115 Main, Bridgeport, Conn.
Schnefel Bros., cutlery mfrs.; ink erasers, etc., 684 S. 17th, Newark, N. J.
Schneible, C. A., ale & beer pumps, 132 E. 121st, New York
Schneider, A. H., brick, Nicholasville, Ky.
Schneider, A. L., Co., toys, games & novelties, New Haven, Conn.
Schneider-Bowman Co., grey iron castings, Vandike & Frankford, Philadelphia, Pa.
Schneider Brick Co., Columbus, Ohio.
Schneider Bros., brick, Pearl River, La.
Schneider Bros., contractors, Hammond Bldg., Detroit, Mich.
Schneider Bros., sample cases, 32 W. Pearl, Cincinnati, Ohio.
Schneider & Brown Lumber Co., Marquette, Mich.
Schneider, Chas., Co., htg. contrs., 492 E. 163d, New York
Schneider, Chas. S., architect, 2248 Euclid av, Cleveland, O.
Schneider, Christ., & Son, conts., 1251 De Kalb av, Brooklyn, N. Y.
Schneider, Eberhard, mov. picture machs., 219 2d av, New York
Schneider, Ed., architect, Corona, N. Y.
Schneider, Edwin J., architects, Cuyahoga bldg, Cleveland, O.
Schneider, Emil, soldering flux, paste, salts & sticks, 298 South, Newark, N. J.
Schneider, F., & Sons, furniture, Dept. H, 156 19th, Brooklyn, N. Y.
Schneider, F. H., lbr., Wausau, Wis.
Schneider, F. H., stucco work, 631 W. Belden av, Syracuse, N. Y.
Schneider, Ferd. T., architect, 1314 F, N. W., Washington, D. C.

Schneider Granite Co., 2140 DeKalb, St. Louis, Mo.
Schneider, H. C., contractor, 514 S. 14th, Newark, N. J.
Schneider Hardware Co., Erie, Pa.
Schneider, Harvey W., architect, Parkersburg, W. Va.
Schneider, Henry, contractor, Jefferson City, Mo.
Schneider, Henry J., architect, Council Bluffs, Ia.
Schneider, J. S., telephone mouthpieces, door openers, etc., Ridgefield, Conn.
Schneider, John A., & Co., carriages, 8717 Colerain av, Cincinnati, Ohio.
Schneider, Louis, stencils, monograms, 249 Market, Newark, N. J.
Schneider, Martin, furniture, Dept. H, Stockton, Calif.
Schneider & Metzger, machsts., Peoria, Ill.
Schneider, Peter F., clothes washing machines, 21 E. Gd. River, Detroit, Mich.
Schneider, Walter W., architect, 120 So. Main, South Bend, Ind.
Schneiderville Granite Co., St. Louis, Mo.
Schneidt, Aug., curled hair mattresses, Muskegon, Mich.
Schnell Bronze Bearing Co., Inc., Buffalo, N. Y.
Schnell & Son, common brick, La Crosse, Wis.
Schneller, C. W., masons' & bldrs.' matls., Catasauqua, Pa.
Schner Block Co., buttons, Muscatine, Ia.
Schnetzler & Son, contrs., Fairbury, Ill.
Schnitker & Sons Co., wood handles, New Haven, Ind.
Schnitzler, Chas. H., cornices, 215 N. 2d, Philadelphia, Pa.
Schnorr Bros. Co., packg. box mfrs., Manitowoc, Wis.
Schnuerer & Murray, advtg. nov., 15 E. 32d, New York.
Schnur, Peter, Printing Co., envelopes, Joplin, Mo.
Schnurmann, J., scrap rubber, 30 Church, New York.
Schnute-Holman Co., mfrs. & erectors interior hardwood wk., Evansville, Ind.
Schober, Geo. M., machsts., 3231 Market, Philadelphia, Pa.
Schoch, Christ, Lbr. Co., sash, door & blind mfrs., Manitowoc, Wis.
Schock, Frederick R., architect, 5804 Midway Park, Chiago, Ill.
Schock, Gustav, & Son, machsts., 514 W. 57th, New York.
Schock Parlor Frame Co., picture frame mouldings, Minneapolis, Minn.
Schoder & Lombard Stamp & Die Co., dies & stamps, 202 Centre, New York.
Schoedinger-Marr Co., whol. hdwe., 102 N. High, Columbus, O.
Schoedlinger, F. O., ceilings, 326H Mt. Vernon, Columbus, Ohio.
Schoolhorn-Albrecht Mach. Co., 721 N. 2nd, St. Louis, Mo.
Schoeller, A., architect, Corona, N. Y.
Schoellkopf Co., Dallas, Tex.
Schoen, Alex C., architect, 711 Bline av, West New York, N. J.
Schoen-Jackson Co., carbureters, Media, Pa.
Shoen Jackson Co., brass, bronze & aluminum castings, Water & Mifflin, Phila., Pa.
Schoen & Walter Co., trunks, 762 11th, Milwaukee, Wis.
Schoenborn, A. J., automobile trunks, Greenleaf, Kans.
Schoenborn & Cowles Mfg. Co., see Manufacturers Mach. Prod. Co. (successors).
Schoeneberg, Fred, iron, 8th & Evans, Cincinnati, Ohio.
Schoeneman Bros. Co., lumber mfrs., Hawarden, Ia.
Schoenemann, Fred, cornices, Rochester, N. Y.
Schoenert, Carl, & Sons, jigs & fixtures, 633 So. 20th, Newark, N. J.
Schoenfeldt, Frank, architect, 4058 W. Madison, Chicago, Ill.
Schoenfeldt, Wm., machsts., 787 3d av, New York.
Schoengarth, Aug., common brick, Neillsville, Wis.
Schoenhut, A., Co., pianos, & swords, Adams & Sepviva, Philadelphia, Pa.
Schoenig, Wm. K., & Son, architect, 422 Springfield av, Newark, N. J.
Schoening-Koenigsmark Milling Co., flour mills, Prairie Du Rocher, Ill.
Schoenlau-Steiner Trunk Top & Veneer Co., 129 E. Fillmore, St. Louis, Mo.
Schoenthaler, Ed, contr., Long Branch, N. J.
Schoepfer, G., artificial eyes, 1423 E. 95th, New York.
Schoepfle Mfg. & Lbr. Co., Sandusky, Ohio.
Schoepflin, L. G., Co., automobiles, 80 W. Mohawk, Buffalo, N. Y.
Schoeppl, C. B., architect, Gunter bldg, San Antonio, Tex.
Schofield Bros., lumber, Penna. Bldg., Philadelphia, Pa.
Schofield-Burkett Constr. Co., Macon, Ga.
Schofield & Co., agricultural implements, Freeport, Ill.
Schofield, Fred, machsts. & fndrs., Everett, Wash.
Schofield, Geo. L., cotton mchy., 123 N. Front, Phila., Pa.
Schofield, Geo. W., architect, First Nat. Bk. Bldg., Covington, Ky.
Schofield, J., & Son, woolen blankets, Madison, Ind.
Schofield Lance Co., lbr., Reading, Pa.
Schofield, Wm., Co., machsts. & fndrs., Krams av, Wilde, Philadelphia, Pa.
Schofield's, J. S., Sons Co., mill & facty. supplies, Macon, Ga.
Scholding, C. E., cornices, Yonkers, N. Y.
Scholer, Walter, architect, 801 State Life, Indianapolis, Ind.
Scholes Bros., cornices & skylights, 1241 Reedsdale, Pittsburgh, Pa.
Scholes, John, & Co., loom harness, etc., Lowell, Mass.
Scholl, Adam, machsts. & fndrs., 225 E. 138th, New York.
Scholl Bros., brick, Lansdale, Pa.
School, E. H., Co., whol. hdwe., 24H N. 7th, Allentown, Pa.
Scholl, Edw. Z., architect, 6th & Court, Reading, Pa.
Scholl, Leonard & Sons, contractors, 298 12th, Detroit, Mich.
Scholl, M. F., sash, door & blind, West Newton, Pa.
Scholl, W. J., Co., steamfitters' supplies, Youngstown, Ohio.
Scholler Bros. Co., cotton softeners, 3301 Amber, Phila., Pa.
Scholler Mfg. Co., wrenches, 147 Leslie, Buffalo, N. Y.
Schollhorn, Wm., Co., hdwe. mfrs., New Haven, Conn.
Scholton, D. G., marble producers, Gouverneur, N. Y.
Scholz, Arthur G., architect, Phelan Bldg., San Francisco, Cal.
Scholz, F. J., & Son, stone prod., Evansville, Ind.
Scholze, Henry A., fertilizer mfrs. & soap, Chattanooga, Tenn.
Scholze, Robt., Tannery, Chattanooga, Tenn.
Schomer, Henry, Co., bed springs, steel couches, cots, etc., 1814 S. Kibourn av, Chicago, Ill.
Schonbach, Anton, architect, 18 S. B'way, Yonkers, N. Y.
Schonewald, Geo. A., archit., Grand Central Term., New York.
Schonthal, J., Iron Co., scrap iron & steel, Columbus, Ohio.
Schoolhouse, J., Co., scrap iron, 293 Rider av, New York.
Schoonmaker, A. G., & Sons, machy. dlrs., 25 Church, New York.
Schoonmaker, A. O., insulating tape & washers, etc., 88 Park pl, New York.
Schoonover, Henry A., contractor, Columbus, Ind.
Schoor, Sam'l, pearl buttons, West New York, N. J.

Schorsch & Co., paper bags, 500 E. 133d, New York.
Schott, J. B., Saddlery & Mfg. Co., Quincy, Ill.
Schott-Suter Co., meat packers, 52 Randall, Providence, R. I.
Schott, Wm., Mach. Shop, Batesville, Ind.
Schotte, Armin, architect, Marine Bk. Bldg., Erie, Pa.
Schottland, Benj., plate glass, 105 Wooster, New York.
Schouler Cement Const. Co., weather strips, 154 Frelinghuysen av, Newark, N. J.
Schouten, J. W., & Co., lumber, 738 Bryant, San Francisco, Cal.
Schoverling, Daly & Gales, gun tubes & nipples, 302 B'way, New York.
Schrack, C., & Co., paint mfrs., 152 N. 4th, Philadelphia, Pa.
Schrade Cutlery Co., Walden, N. Y.
Schrader, Geo. F., architect, Saranac Lake, N. Y.
Schrader Iron Wks., fndrs., 1249 Harrison, San Francisco, Cal.
Schrader, Whittick & Co., calcimines, fresco colors & wall finish, 1318 Clybourne av, Chicago, Ill.
Schrader's, A., Son, Inc., automobile & cycle tire valves, parts & devices, diving apparatus, brass fittings for rubber goods, 783 Atlantic av, Brooklyn, N. Y.
Schram Glass Mfg. Co., bottles, Fed. Reserve Bk. Bldg., St. Louis, Mo.
Shramm, Chris D., & Son, Inc., hoists, pumps, etc., West Chester, Pa.
Schran, J. T., contractor, Sharpsburg, Pa.
Schraner, A. P., wood & metal patterns, Payne av & E. 23d, Cleveland, O.
Schrauder & Co., meat packers, Monroe, Mich.
Schraven, J. T. & H. E., contractors, Salt Lake City, Utah
Schrayer's, M., Sons & Co., handles, shovels, etc., 917 W. 18th, Chicago, Ill.
Schreck & Waelty, cornices, 27 Hague, Jersey City, N. J.
Schreiber Bros., cornices & skylights, Blue Island, Ill.
Schreiber Carriage Mfg. Co., Chariton, Ia.
Schreiber, Geo. F., architect, 105 W. Monroe, Chicago, Ill.
Schreiber, L., & Sons, Co., arch'l iron & structl. iron & steel work, 3869 Ivanhoe, Cincinnati, Ohio.
Schreick, J., & Co., cornices, 906 S. Preston, Louisville, Ky.
Schreiner, Chas., Co., masons' & bldrs.' matls., Kerrville, Tex.
Schreitmueller Stone Co., 174 Waverly av, Newark, N. J.
Schrenk & Co., mirrors, plate glass, Hoboken, N. J.
Schrenkeison, M. F., furn., 220H E. 41st, New York.
Schreyer, G., Co., fndrs., Columbus, Ohio.
Schridde, Wm., box printing dies, 358 W. Madison, Chicago, Ill.
Schrier, Walter, machsts., Utica, N. Y.
Schrik, H. & Co., Inc., contrs., 3722 W. Chicago av, Chicago, Ill.
Schrimpf, Chas. G., cornices & skylights, Spokane, Wash.
Schriver, O. P., & Co., hardware specialties, 621 E. Pearl, Cincinnati, Ohio.
Schrock & Squires, steel merchants, 293 Pearl, New York.
Schroder, J. B., & Co., hardware mfrs., 133 E. 5th, Cincinnati, Ohio.
Schroeck, Adolph, contractor, Erie, Pa.
Schroeder, A. J., boilers, Donaldsonville, La.
Schroeder Brick & Lime Co., Shakopee, Minn.
Schroeder Bros., sash locks, 902 Payne av, St. Paul, Minn.
Schroeder Bros. Mfg. Co., jigs and fixtures, 111 Brook, Torrington, Conn.
Schroeder, C. H., Co., sashes, doors & blinds, Toledo, Ohio.
Schroeder, E. J., cornices, Americus, Ga.
Schroeder, Edw., Lamp Wks., machsts. & fndrs., 716 Jersey av, Jersey City, N. J.
Schroeder, H. V., Mfg. Co., agricultural implements, Minier, Ill.
Schroeder Headlight & Generator Co., Evansville, Ind.
Schroeder, John, Lumber Co., Ft. Walnut, Milwaukee, Wis.
Schroeder Milling Co., see St. Joseph Milling Co. (successor).
Schroeder Paint Co., Lancaster, Pa.
Schroeder Paint & Glass Co., 47 Cadillac sq, Detroit, Mich.
Schroeder-Rutka Hdwe. Co., cornices, Howell, Mich.
Schroeder, S. E. Mfg. Co., clothes washing machines, Minier, Ill.
Schroeder, W. H. R., see Schroeder, E. J. (successor).
Schroepfer, Albert, architect, Nevada Bank bldg., San Francisco, Cal.
Schroeter Bros. Hardware Co., 810 Washington av, St. Louis, Mo.
Schroider Bros., contrs., Stockton, Ill.
Schroon River Pulp & Paper Co., Warrensburg, N. Y.
Schrope, H. H., thermometers, Allentown, Pa.
Schroth & Ahrens Co., sash, door & blind mfrs., 1534 S. Halsted, Chicago, Ill., & Winona, Minn.
Schroth, J. & F., Packing Co., meat, Cormany & Township av, C. W., Cincinnati, Ohio.
Schryver, A. C., Lbr. Co., Louisville, Miss.
Schubert, August, Wagon Co., auto. metal bodies, Oneida, N. Y.
Schubert, Bernard, contractor, 155 Jamaica av, Brooklyn, N. Y.
Schubert, C., architect, 366 5th av, New York.
Schubert, Robt., contr., Mascoutah, Ill.
Schubert's, Jos. C., Sons, contractors, 364 S. 11th, Newark, N. J.
Schuch, John L., cornices, 930 Diamond, Philadelphia, Pa.
Schuchter, Anton, contractor, Newport, Ky.
Schuchts, D. B., mill & facty. supplies, 215 President, Baltimore, Md.
Schuck, J. H., & Son, masons' & bldrs.' matls. & lbr. mfrs., Springfield, Ill.
Schuddemaye, Henry, contractor, Harrisburg, Pa.
Schueler Bros., carriages, 464 Milwaukee, Milwaukee, Wis.
Schueler, T., & Co., brass fndrs., 48 19th, av, Newark, N. J.
Schueler Ventilator Co., radiator shields, Bloomington, Ill.
Schuerenberg, F. W., agricultural implts., Brenham, Tex.
Schuesler, Edw. A. (Est. of), 254 Weiss, Buffalo, N. Y.
Schuessler Fdy. & Mach. Co., Alton, Ill.
Schuessler, Jno., ventilator mfr., Covington, Ky.
Schuessler, Wm., trunk mfrs., 12 N. Market, Chicago, Ill.
Schuett & Frey, contractors, 791 Weil, Milwaukee, Wis.
Schuette Recording Compass Co., Manitowoc, Wis.
Schuette, Wm., & Co., lumber, Bndn. Trust Bldg., Pittsburgh, Pa.
Schug Elec. Mfg. Co., gas igniters, 252 E. Larned, Detroit, Mich.
Schuh, Chas. P., contractor, 8 Albany, New York.
Schukraft, Wm., & Sons, auto. wood bodies, 941 Fulton, Chicago, Ill.
Schulenberg, J., contr., Arlington Heights, Ill.
Schuler Art Glass Co., 617 W. Jackson blvd, Chicago, Ill.
Schuler, Chas., & Co., ash cans, 15 Stuyvesant, New York.
Schuler, Dan, architect, Wichita, Kans.
Schulman Bros., signs, cardboard, 564-572 W. Randolph, Chicago, Ill.
Schulte, G. B., Sons Co., whol. hdwe., 716 Main, Cincinnati, O.
Schulte, G. G., stone prod., Dubuque, Iowa.
Schultheis, Edw., Co., mill & facty. supplies, 832 W. 6th, Cincinnati, Ohio.
Schultz, A. G., & Co., babbitt metal, 114 E. Lombard, Baltimore, Md.
Schultz, A. L., & Son, machsts., 1675 Elston av, Chicago, Ill.
Schultz, Alfred F., sash, door & blind mfrs., 10220 Vine av, Chicago, Ill.
Schultz, Algott, contractors, 222 Union av, Bridgeport, Conn.
Schultz, Baujan & Co., wheat flour, Beardstown, Ill.
Schultz Belting Co., 111 Chambers, New York.
Schultz Bros., Inc., wood handles & turnings, 152 Chambers, New York
Schultz, C. B., contractor, Plymouth, Wis.
Schultz, D. D., cornices, 2047 W. 22d, Chicago, Ill.
Schultz, F., & Co., printers' chases, 164 N. Clinton, Chicago, Ill.
Schultz & Hirsch Co., mattresses, 1300 Fulton, Chicago, Ill.
Schultz, Julius, brewery architect, 1370 Main, Buffalo, N. Y.
Schultz & Laning, cornices, Richmond, Ind.
Schultz, Martin M., architect, 1955 W. 20th, Chicago, Ill.
Schultz Patent Rubber Co., 52 N. 13th, Phila., Pa.
Schultz, Peter L., architect, Dispatch Bldg., Union Hill, N. J.
Schultz, Richard A., machsts., 213 Institute, Chicago, Ill.
Schultz, S. E., architect, Milan, Mo.
Schultz, W. W. & A. J., ties, poles, posts, etc., Old Colony Bldg., Chicago, Ill.
Schultz, Walter L., machst., 6432 Nordica av, Chicago, Ill.
Schultz, Wm. H., contractor, 3340 N. Carlisle, Philadelphia, Pa.
Schultze & Emanuel, sash, door & blind, 614 3d, Pittsburgh, Pa.
Schultze, Geo. T., Lbr. Co., Evansville, Ind.
Schultze Mfg. Co., trimmings, 46 Lawrence, Newark, N. J.
Schultze, Robertson & Schultze, Inc., ship bldrs., 1151 Evans av, San Francisco, Cal.
Schultze-Stove & Hardware Co., San Antonio, Tex.
Schultz's, Michael, Sons, gold leaf, 152 E. Houston, New York.
Schulz, Carl, architect, 67 Gregory, New Haven, Conn.
Schulz, H. C., cornices, Kenosha, Wis.
Schulz, M., Co., pianos, 711 Milwaukee av, Chicago, Ill.
Schulze, Carl E., architect, 178 W. Jackson blvd, Chicago, Ill.
Schulze & Enamuel, lbr., Allegheny, Pa.
Schulze Hardware Co., cornices & skylights, Portage, Wis.
Schulze Leather & Findings Co., Duluth, Minn.
Schulze, Wm., architect, 2009 W. North av, Chicago, Ill.
Schulzke, Wm. H., architect, Moline, Ill.
Schum, Albert D., contractor, Pottsville, Pa.
Schum Bros., nut locks, Metropolitan Tower, New York
Schumacher, Anson B., fertilizer mfrs., Hasleton, Pa.
Schumacher, Atkinson & Olston, Tulsa, Okla.
Schumacher, F. E., Co., screens, Hartville, Ohio.
Schumacher, H., Oil Wks., meal, Navasota, Tex.
Schumacher, J., Sheet Metal Wks., 3464 3rd av, New York.
Schumacher, Steph. O., architect, 3622 Keokuk, St. Louis, Mo.
Schumacher Stone Co., Pandora, Ohio.
Schuman, O. E., contractor, Newark, N. J.
Schumann, Chas. H., architect, 280 B'way, New York.
Schumann Piano Co., Rockford, Ill.
Schumann, Robt. A., architect, 932 Lamberton, Trenton, N. J.
Schumann & Roden, cornices, 914 3d, Milwaukee, Wis.
Schumann & Sons Piano Co., 229 E. 41st, New York.
Schunck & Ogg, massage vibrators, 235 Canal, New York.
Schunk Hardware Co., Toledo, Ohio.
Schupp, Wm., & Co., heating contractors, 616 S. 3d av, Minneapolis Minn.
Schuppert, R. C., architect, 74 Stanton Bank, Great Falls, Mont.
Schureman, D. S., & Son, architects, Delaware, Ohio.
Schureman, J. L., Co., mchsts., 122 S. Michigan av, Chicago, Ill.
Schurk Iron Wks., 20 S. Cardinal, St. Louis, Mo.
Shurman, Frank M., architect, 18 Maple, Buffalo, N. Y.
Schurmann, E., glass stainers, Indianapolis, Ind.
Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.
Schurs, John, burners, Los Angeles, Cal.
Schuster, Benj. J., wholsale hdwe., Selma, Ala.
Schuster & Co., mattresses, 414 N. Howard, Baltimore, Md.
Schut & Kliehn, lumber, Hennen blk, New Orleans, La.
Schutte, Hy., Sons, sash, door & blind mfrs., Quincy, Ill
Schutte & Koerting Co., jet apparatus, valves, condensers, oil burning equipment, etc., 1251 N 12th, Philadelphia, Pa.
See adv. index at end of book.
Schutte, Wm. H., carriages, Mount Joy, Pa.
Schuttler, Peter, Co., carts & wagons—dumping, 2509 W. 22d, Chicago, Ill.
Schutz Bros., Inc., wood turning, 152 Chambers, New York.
Schutz Mfg. Co., ground connection & testing clamps, 3618 Lincoln av, Chicago, Ill.
Schutz, Schreiner & Clyde Co., contractors (bldg. & gen.), May Bldg., Pittsburgh, Pa.
Schutz, Theo. F., architect, 657 Milwaukee, Milwaukee, Wis.
Schuyler Co., machinists, Berkeley, Cal.
Schuyler, J. P., contractor, Medina, N. Y.
Schuyler, W. S., gas stoves, Savannah, Mo.
Schyulkill Forge Co., Luzerne & Third, Phila., Pa.
Schuylkill Pressed Brick Co., Schuylkill Haven, Pa.
Schuykill Stone Co., Birdsboro, Pa.
Schwab-Le Zotte Boiler Co., 16th & Canal, Milwaukee, Wis.
Schwab, J. S., Co., mill & facty. supplies, St. Paul, Minn.
Schwab, Ph., Co., machsts., 16th & Canal, Milwaukee, Wis.
Schwab, R. J., & Sons Co., steam & hot water furnaces, 283 Clinton, Milwaukee, Wis.
Schwab Safe Co., machsts. & fndrs., Lafayette, Ind.
Schwabacher Hardware Co., mill & facty. (also mine) supplies, 1st S. & Jackson, Seattle, Wash.
Schwabe, F. J., & Son, patterns, Ft. Wayne, Ind.
Schwagari, Edw. D., landscape archt., Washington Bldg., Tacoma, Wash.
Schwager & Nettleton, Inc., lumber, Seattle, Wash.
Schwahn-Seyberth Mfg. Co., harness & horse collars, Eau Claire, Wis.
Schwakenberg, Henry, architect, 2943 N. Racine av, Chicago, Ill.
Schwalbe, Frank R., & Sons, contractors, LaCrosse, Wis.
Schwaller's, C., Sons, masons' & bldrs.' matls., Hays, Kans.
Schwamb, Theo., Co., piano cases, Arlington Heights, Mass.
Schwan, G. H., architect, Peoples Bank Bldg., Pittsburgh, Pa.
Schwander Brass Mfg. Co., bibbs & cocks, 823 N. 8th, St. Louis, Mo.

Schwarm & Jacobus Co., inks, 906 B'way, Cincinnati, Ohio.
Schwartz, Abr., matresses, 62 Bergen, Brooklyn, N. Y.
Schwartz, Albert A., architect, 118 N. La Salle, Chicago, Ill.
Schwartz Belting Co., 76 Murray, New York.
Schwartz & Berstein, oiled clothing, Gloucester, Mass.
Schwartz Bros. & Co., tubular boilers, Cheboygan, Mich.
Schwartz, C. E., furn., 231H S. Amer., Phila., Pa.
Schwartz, Charles L., sash, door & blind, Naperville, Ill.
Schwartz, F. J., contr., Villa Grove, Ill.
Schwartz, Fred'k, meat packers, Rensselaer, N. Y.
Schwartz, G., & Co., contractors, Rochester, Minn.
Schwartz, Geo., & Co., meat packers, Albany, N. Y.
Schwartz & Gross, architects, 347 5th av, New York.
Schwartz, Herrmann, cold rolled steel, 121 Nassau, New York.
Schwartz, J., Co., Ltd., carriages, 548 Baronne, New Orleans, La.
Schwartz, Jacob, architect, 23 Central av, Lynn, Mass.
Schwartz, Jacob, contractor, 2308 N. 27th, Philadelphia, Pa.
Schwartz, Jos., Co., Ltd., whol. hdwe., 548 Baronne, New Orleans, La.
Schwartz, L. H. A., & Co., tex. machy. (wool finishing machines), 40 Central, Boston, Mass.
Shwartz, Leon, architect, 27 E. 40th, New York.
Schwartz, M. J., architect, 14 Montgomery, San Francisco, Cal.
Schwartz, Morris, architect, 1400 B'way, New York.
Schwartz Motor Truck Co., Reading, Pa.
Schwartz, Oscar, archt., Provident Bk. Bldg., Cincinnati, Ohio.
Schwartz Sectional System, filing cabinets, Indianapolis, Ind.
Schwartz, S. Robt., & Bro., ground connection clamps, 729 B'way, New York.
Schwartz & Stewart, mill & facty. supplies—whol. hdwe., Natchez, Miss.
Schwartzkopf's, J. G., Sons, mill & facty. supplies—whol. hdwe., Columbus, Ind.
Schwartz's, M., Sons, mill & facty. supplies, Bangor, Me.
Schwarz Bros. Co., tallow, Kearny, N. J.
Schwarz Foundry Co., Fort W. & Vermont, Detroit, Mich.
Schwarz, Fred'k J., architect, Colb Bldg., Paterson, N. J.
Schwarz, Geo. O., contr., Granite City, Ill.
Schwarz, Jos., architect, Sioux Falls, S. D.
Schwarz, Jos., & Sons, machsts., Belleville, Ill.
Schwarz, L. I., ash cans, 357 B'way, New York.
Schwarz, S. A., Oil Co., soap, 57 Wadè Bldg., Cleveland, O.
Schwarze Electric Co., electric bells, Adrian, Mich.
Schwarzenberg, E. A., scrap iron, 428 Guardian Bldg., Cleveland, Ohio.
Schwarzler, A. J., contractor, 369 E. 167th, New York.
Schwarzwaelder, W., & Co., bank fixtures, Chichester, N. Y.
Schwarzwalder, J., & Sons. See Atlantic Tank & Barrel Corp. (successor).
Schweers Hardware Co., machsts. & fndrs., Shawano, Wis.
Schwehms', John M., Sons, hair cloth mfrs., 13 Wister, Philadelphia, Pa.
Schweikert, H. E., contr., Peru, Ill.
Schweickhard, Jacob, cooperage stock, Tiffin, Ohio.
Schweinfurth, J. A., architect, 53 State, Boston, Mass.
Schweitzer, C., & R., floor plates, 849 Center, Chicago, Ill.
Schweitzer, C. R., heating contrs., Everett, Wash.
Schweitzer, Chas. A., contractor, Shamokin, Pa.
Schweitzer & Conrad, transformer cut-outs & enclosed fuses, 4431 Ravenswood, Chicago, Ill.
Schweitzer, E. R., architect, Shamokin, Pa.
Schweitzer, John, architect, Chillicothe, Ohio.
Schweitzer, Samuel, paste, 660 W. Lake, Chicago, Ill.
Schweizer, C. K., stencils, 520 N. 3rd, St. Louis, Mo.
Schweizer, John, carriages, Hamilton, Ohio.
Schwenger-Klein Co., machy. & refrigerators, 515 Woodland av, Cleveland, Ohio.
Schwenker, W. M., ice making & refrigerating apparatus, Irish moss, 340 E. 92d, New York.
Schwenn, August, architect, Madison, Wis.
Schwenn, Wm., archl. & ornamtl. iron, 830 Lex. av, B'klyn, N. Y.
Schwensen, Wm. (Est. of), silk fringes, 46 Walker, New York.
Schweppe & Wilt Mfg. Co., machsts., Mt. Elliott & Conant, Detroit, Mich.
Schwerd, A. F., Mfg. Co., porch columns, 145 McClure, Pittsburgh, Pa.
Schwerdtle Stamp Co., steel stamps, etc., 43 Cannon, Bridgeport, Conn.
Schweyer, Hy. A., Co., marble producers, King of Prussia, Pa.
Schwiers, F. W., Jr., Co., steel structural work, 90 West, New York.
Schwikert, Frank, & Son, billiard tables, Rochester, N. Y.
Schwill, Albert, & Co., malt mills, Traders' Safe & Trust Bldg., Chicago, Ill.
Schwing & Co., cornices, 190 Ferry, Newark, N. J.
Schwing, Jno., Corp., cornices, Bridgeport, Conn.
Schwing Lumber & Shingle Co., Ltd., Plaquemine, La.
Schwing, R. I., Co., Inc., moss & felts, Plaquemine, La.
Schwingle Bros., cornices, 2637 W. Hagert, Philadelphia, Pa.
Schwob, J. A., Co., grain cradles, Moundsville, W. Va.
Schwoerer, A., Const. Co., cornices, 140 W. 42d, New York.
Science Hill Canning Co., Science Hill, Ky.
Science Hill Milling Co., flour, Science Hill, Ky.
Scientific American, publication, Woolworth Bldg., New York.
Scientific Apparatus Co., Inc., 162 W. 34th, New York.
Scientific Boiler Chemical Works, 127 N. Dearborn, Chicago, Ill.
See adv. index at end of book.
Sientific Heater Co., 2104 Superior av, Cleveland, Ohio.
Scientific Instrument Co., hydrometers, regulators, etc., Marquette Bldg., Detroit, Mich.
Scientific Instrument & Elect. Mach. Co., transformers, smoke indicators, recorders & masks, Mechanicsburg, Pa.
Scientific Materials Co., laboratory apparatus & supplies, 717 Forbes, Pittsburgh, Pa.
Scientific Products Co., elec. cooking app., Steubenville, Ohio.
Scientific Utilities Co., Inc., chem. glassware sheet metal wk. laboratory apparatus, 18 E. 16th, New York
Scio Condensed Milk Co., Scio, Ore.
Scioli, Nicola, contractor, Grantwood, N. J.
Scioto Boiler Wks., 37 N. Scioto, Columbus, Ohio.
Scioto Firebrick Co., Sciotoville, Ohio.
Scioto Lime & Stone Co., Delaware, Ohio.
Scioto Sign Co., metal litho., Kenton, O.
Scioto Valley Supply Co., plumbers', mill & facty. supplies, Long & 3d, Columbus, Ohio.
Sciple-Gochenaur Mfg. Co., Inc., mill & facty. supplies, 631 Arch, Phila., Pa.
Sciple Sons, masons' & bldrs.' matls., Atlanta, Ga.
Scisorek, Louis, architect, Harwell bldg, Detroit, Mich.
Scituate Mills, rubber cements, Greenbush, Mass.
Scobee, R. P., & Son Co., lumber, Winchester, Ky.
Schofield & Co., desk telephone brackets, inkstands, etc., 30 Beekman, New York.
Scofield Engineering Co., consulting engineers, Commercial Trust Bldg., Philadelphia, Pa.
Scollay, J. A., plant sprinklers, 74 Myrtle av, Brooklyn, N. Y.
Scopes & Feustmann, architects, 37 E. 28th, New York, & Saranac Lake, N. Y.
Scotch Lumber Co., Fulton, Ala.
Scotland Lbr. Co., Ravenswood, La.
Scotland Neck Guano Co., Scotland Neck, N. C.
Scott & Bitterman, contractor, Davenport, Ia.
Scott & Bowne, pharmaceuticals, Bloomfield, N. J.
Scott Bros., machinists, Cadiz & Kilbourne, Ohio.
Scott Bros. Elec. Co., lamp guards, Detroit, Mich.
Scott, C. A., & Co., lbr., Tellico Plains, Tenn.
Scott, C. M., Packing Co., Dover, Del.
Scott, C. P., & Sons, thermometers, 221 Franklin, Buffalo, N. Y.
Scott, C. S., machinist, Cadiz, Ohio.
Scott, C. U., & Son, steel hardening, Davenport, Ia.
Scott, Chas. B., Co., plumbers', mill & facty. supplies—jobbers, Scranton, Pa.
Scott, Charles E., architect, 1517 N. 7th, Terre Haute, Ind.
Scott & Clark Corp., carriages, Norwich, Conn.
Scott, Claude D., architect, Grand Opera House, Terre Haute, Ind.
Scott Co., heating contractors, 243 Minna, San Francisco, Cal.
Scott-Coppage Co. See Coppage Printing & Loose Leaf Co., Inc. (successor).
Scott County Land & Lbr. Co., Waldron, Ark.
Scott County Milling Co., feed, Sikeston, Mo.
Scott, D. I., & Co., contractors, 148 N. Alabama, Indianapolis, Ind.
Scott Drill Co., Bank of Commerce Bldg., St. Louis, Mo.
Scott, Earl E., architect, Humboldt Bk. Bldg., San Francisco, Cal.
Scott Elec. Co., 357 Ogden, Newark, N. J.
Scott, Ernest, Co., chemical engineers, Fall River, Mass.
Scott, Ernest, contr. bldr., Ridgefield, Conn.
Scott, E. W., Co., whip sockets, Danielson, Conn.
Scott Fertilizer Co., Elkton, Md.
Scott & Fetzer Co., vacuum cleaners, W. 114th & Locust av, Cleveland, Ohio.
Scott, Geo., architect, Ann Arbor, Mich.
Scott, G. E., contrs., Norwalk, O.
Scott, Geo. V., Co., machsts. & fndrs., Brockton, Mass.
Scott & Gilbert, chemists, 116 1st, San Francisco, Cal.
Scott-Graff Lbr. Co., Duluth, Minn.
Scott, H. L., & Co., contractors, San Antonio, Tex.
Scott Hay Press Co., bale tie machs., pitless scales, etc., 1300 W. 12th, Kansas City, Mo.
Scott, Hy. L., & Co., machsts., 101 Blackstone, Providence, R. I.
Scott & Howe, lumber mfrs., Tacoma, Wash.
Scott & Howe Lumber Co., Ironwood, Mich.
Scott, J. B., Co., street ry. tickets, Kansas City, Mo.
Scott, J. E., Cup Co., oil cups, Columbus, Ohio.
Scott, Jas., & Sons, burlap, bags, 346 B'way, New York.
Scott, John, & Co., architects, 2326 Dime Bk. bldg, Detroit, Mich.
Scott, John F., Co., contractors, 500 2nd av, Pittsburgh, Pa.
Scott, John M., & Sons, rail anchors, lock-nuts & washers, etc., Racine, Wis.
Scott, Jno., & Sons contractors Rialto bldg, St. Louis, Mo.
Scott & Kemmerer, carriages, Hamburg, Pa.
Scott-Luggers Lbr. Co., Holland, Mich.
Scott, Lyman, & Stack Co., cornices & skylights, Sacramento, Cal.
Sott & Mayer, architects, 445 Milwaukee, Milwaukee, Wis.
Scott Mill Co., flour, Kuoxville, Tenn.
Scott, Milton W., & Co., architects, 412 Franklin, Waco, Tex.
Scott, N. S., Co., store & bar fixtures, 440 Adelphi, Bklyn., N. Y.
Scott, Nat'l G., contractor, Hennen Bldg., New Orleans, La.
Scott, Olin (Est. of), gun powder & wood pulp machy., Bennington, Vt.
Scott, Oliver, contractor, Yonkers, N. Y.
Scott Paper Co., paper table covers & towels, Chester, Pa.
Scott-Spencer Automatic Tool Co., screw mach. tools, 2682 Madison rd, Cincinnati, Ohio
Scott, R., Hardware Co., Muncie, Ind.
Scott, Rob't, steam htg. contractor, 1723 Ranstead, Phila., Pa.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio.
Scott & Scott, contrs., Red Bank, N. J.
Scott & Sons Co., machinists, Medford, Mass.
Scott, Sugden & Lamont, steel prods., Monadnock Bldg., San Francisco, Cal.
Scott, T. A., Co., dock bldrs. & contrs., New London, Conn.
Scott-Taylor Co., contractors, Ashland, Wis.
Scott-Ullman Co., elec. & gas light fixtures, 3311 Perkins av, N. E., Cleveland, Ohio.
Scott Valve Co., 310 W. Randolph, Chicago, Ill.
Scott & Van Altena, lantern slides, 6 E. 39th, New York.
Scott, W. P., contractor, 2907 Sherman av, Indianapolis, Ind.
Scott, Walter, & Co., machsts. & fndrs., Plainfield, N. J.
Scott & Welch, architects, Dooly Bldg., Salt Lake City, Utah.
Scott & West Co., cork carpets, 9 E. 40th, New York.
Scott, Wm. H., Co., cornices, Portland, Me.
Scott & Prescott, architects, 34 E 23rd, New York
Scott & Williams, knitting machinery & textile machy. supplies, 366 Broadway, New York.
Scott & Yetman, contrs., Red Bank, N. J.
Scottdale Furnace Co., blast furnaces, Cleveland, Ohio.
Scottdale Furnace Co., Scottdale, Pa.
Scottdale Mills, cotton sheeting, Scottdale, Ga.
Scotten, Geo. P., & Son, canned goods, Magnolia, Del.
Scottsburg Canning Co., Scottsburg, Ind.
Scottsville Flour Mills, Scottsville, Va.
Scottsville Milling Co., flour, Scottsville, Ky.
Scourene Mfg. Co., soap, 539 W. 39th, New York.
Scovel Iron Store Co., 754 Howard, San Francisco, Cal.
Scovil, D. & H., agricultural implements, Higganum, Conn.
SCOVILL MFG. CO., brass, bronze & nickel silver in sheets, plates, wire rods, cups & circles, also special stampings of all kinds to order, Waterbury, Conn.
See adv. index at end of book
Scoville, E. U., Co., machsts. & fndrs., Manlius, N. Y.
Scoville, H. D., canned goods, Constantia, N. Y.
Scoville Mfg. Co., machinists, Oakland, Cal.
Scoville, M. G., Sons Co., brooms, Ogden, Utah.

Scow Bay Iron & Brass Wks., Astoria, Ore.
Scown, Wm. J., Bldg. Co., 36 W. Randolph, Chicago, Ill.
Scranton Ave. Carriage & Wagon Wks., 2339 Scranton road, Cleveland, Ohio.
Scranton Bedding Co., mattresses, Scranton, Pa.
Scranton Bolt & Nut Co., Scranton, Pa.
Scranton Button Co., electrical specialties, 409 Cherry, Scranton, Pa.
Scranton C. O. Co., contrs., Alliance, Ohio.
Scranton Coal Co., anthracite, Scranton, Pa.
Scranton & Co., hdwe. mfrs., machsts., etc., New Haven, Conn.
Scranton Elec. Const. Co., 629 Counele Bldg., Scranton, Pa.
Scranton Forging Co., drop forgs., Scranton, Pa.
See adv. index at end of book.
Scranton Gas & Water Co., Scranton, Pa.
Scranton Iron & Steel Co., fences, gates, railings, screens, towers, fire-escapes, etc., Scranton, Pa.
Scranton Pump Co., Scranton, Pa.
Scranton Shingle Co., Pascagoula, Miss.
Scranton Silk Mach. Co., Scranton, Pa.
Scranton Stove Wks., Scranton, Pa.
Scranton Supply & Machy. Co., machsts. tools, mine, mill & facty. supplies, Scranton, Pa.
Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
"S-C" Regulator Mfg. Co., valves, feed water regulators, brass & bronze castings, water columns, etc., Fostoria, Ohio.
Screw Machine Products Corp., screw machine products & interior telephone mfrs., 1012 Eddy, Providence, R. I.
Screw Mach. Spec. Co., 1132 Austin av, Chicago, Ill.
Scribbins, John A., architect, Decatur, Ill.
Scribner, A. C., desk lights, Gloversville, N. Y.
Scribner Boiler Compound Co., 315 N. Wood, Chicago, Ill.
Scribner, W. E., Sons, contractors, Auburndale, Mass.
Scripps Booth Corp., automobile bldrs., Michigan & Western avs, Detroit, Mich.
Scripps Motor Co., engines, 629 Lincoln av, Detroit, Mich.
Scrocco, Daniel J., architect, 263 Main, Newark, N. J.
Scroggs, Philander P., architect, Augusta, Ga.
Scudder, Henry D., Jr., architect, Essex Bldg., Newark, N. J.
Scudder, R. G., & Son, lbr., Camden, N. J.
Scull Bros., contractors, Atlantic City, N. J.
Scull, Harry G., contractor, Atlantic City, N. J.
Scullin, Simon (Est. of), machsts. & fndrs., Cambria & American, Philadelphia, Pa.
Scullin Steel Co., steel castings, car trimmings, etc., 6700 Manchester av, St. Louis, Mo.
Scully, C. J., contractor, Holly Beach, N. J.
Scully, Jno. T., Foundation Co., dock bldrs., Cambridge, Mass.
Scully-Jones & Co., drill sockets, spacing collars, etc., 557 Railway Exchange Bldg., Chicago, Ill.
Scully Pattern & Model Wks., S. W. cor. 5th & Delaware, Kansas City, Mo.
Scully Steel & Iron Co., boiler braces, cleaners, flue heads, fronts, etc., 2364 S. Ashland av, Chicago, Ill.
Sculthorpe, John H., architect, Miami, Fla.
Scusa, Lino, machinist, Phoenix, N. Y.
Scutt, Frank, canned goods, Verbank Village, N. Y.
Sea Beach Packing Wks., Aberdeen, Wash.
Seaberg, Gustav, dumb waiters, 407 Douglas, Brooklyn, N. Y.
Seaboard By-Product Coke Co., toluol, Jersey City, N. J.
Seaboard Chem. Co., Blanchard, Newark, N. J.
Seaboard Constr. Co., Witherspoon Bldg., Philadelphia, Pa.
Sea-Board Oil Co., lubrg., Seattle, Wash.
Seaboard Rice Milling Co., Galveston, Tex.
Seaboard Steel & Manganese Corp., 50 E. 42nd, New York.
Seaboard Supply Co., plumbers' supplies, Norfolk, Va.
Seaborg, B. A., canned goods, Gold Beach, Ore.
Seaborn Shipyards Co., Tacoma, Wash.
Seabright Woven Felt Co., Camden, Me.
Seaburg Mfg. Co., medical cabinets & cabinet work for buildings, Dept. H, Jamestown, N. Y.
Seabury, B. Harmmett, architect, Besse blk, Springfield, Mass.
Seabury, Chas. L., & Co., shipbuilders. (See Gas Engine & Power Co.), Morris Heights, N. Y.
Seabury & Johnson, rubber goods—medical & surgical plasters. cotton, gauze, etc., 59 Maiden la, New York.
Sea Coast Canning Co., Eastport, Me.
Seacoast Fertilizer Co., Savannah, Ga.
Seadler, Jas., architect, Forum Bldg., Sacramento, Cal.
Sea Food Co., canned, Biloxi, Miss.
Seafried Bros., trunk mfrs., 2811 Girard av, Phila., Pa.
Seagrave Co., motor fire apparatus, Columbus, Ohio.
Seagraves & Purtel, contractors, Woodstown, N. J.
Seagrist, F. W. Jr., Co., granite, 533 E. 18th, New York.
Sea Island Cotton Oil Co., meal, Charleston, S. C.
Seal, W. E., & Co., canvas gloves, Millersburg, Pa.
Seal-Tite Piston Ring, Inc., 1704 E. Lake, Minneapolis, Minn.
Seale Fertilizer Co., Seale, Ala.
Sealograph Co., envelope sealing devices, Kansas City, Mo.
Sealwood Co., varnish, 5072 Delmar, St. Louis, Mo.
Sealy & Rambo, fertilizer mfrs., Edison, Ga.
Sealy, Thos., rosin mfr., 138 Front, New York.
Seamless Rubber Co., tennis balls, New Haven, Conn.
Seamless Tube Co. of America, pipe & tube mills, Frick Bldg., Pittsburgh, Pa.
Seaman, A., architect, Baldwin, N. Y.
Seaman, A. C., expansion bolts, 124 N. 6th, Philadelphia, Pa.
Seaman Body Corp., 1732 Richards, Milwaukee, Wis.
Seaman, Jas., & Son, contractors, 303 S. Perry, Johnstown, N. Y.
Seaman, N., & Co., advtg. spec., Irrigon, Ore.
Seaman Oil Co., soap, Glen Cove, N. Y.
Seaman Paper Co., 208 S. La Salle, Chicago, Ill.
Seaman & Schuske Metal Wks. Co., cornices, St. Joseph, Mo.
Seaman-Sleeth Co., see Pittsburgh Rolls Corp. (successor).
Seaman, W. S., Co., see Seaman Body Corp. (successors).
Seamans, S. D., masons' & bldrs.' matls., Aurora, Ill.
Seamon, Thos. H., stone producer, Poughkeepsie, N. Y.
Seaquist, John E., architect, 1200 W. Diamond, Butte, Mont.
Searchlight Co., oxy-acet. welding app., 2236 Lumber, Chicago, Ill.
Searing & Coultas, blast furnace bldrs., Farmers' Bank Bldg., Pittsburgh, Pa.
Searle & Chapin Lumber Co., Lincoln, Nebr.
Searle, Chas. B., mason, Windsor, Conn.
Searle & Dressler, advtg. spec., 1210 Turner, Allentown, Pa.
Searles Electric Welding Wks., 817 W. Washington blvd, Chicago, Ill. *See adv. index at end of book.*
Searles, E. M., architect, 3327 Market, San Diego, Cal.
Searls Coal Co., Rookery bldg, Chicago, Ill.
Searls Mfg. Co., carriage hdwe mfrs., 29 Mulberry, Newark, N. J.
Searls Mfg. Co., top prop nuts, Cleveland, Ohio.
Sears, C. E., & Co., canned goods, Circleville, Ohio.
Sears-Cross Co., automobile horns, 147 41st, Brooklyn, N. Y.
Sears, D. M., Co., canned goods, Fort Wayne, Ind.
Sears Lumber Co., sash, door & blind, Middleboro, Mass.
Sears & Nichols Canning Co., Chillicothe, Ohio.
Sears, Roebuck, & Co., wallpaper, 1020 S. Spaulding av, Chicago, Ill.
Sears, Saddlery, Co., Davenport, Ia.
Sears, Thos. W., architect, 1424 Walnut, Phila., Pa.
Sears, Thos. W., landscape architect, 107 Westminster, Providence, R. I.
Sears, W. H., architect, James Bldg., Chattanooga, Tenn.
Sears & Wendell, landscape architects, 1424 Wlnut, Phila., Pa.
Seas, J. F., & Sons, masons' & bldrs.' matls., Orrville, Ohio.
Seashore Mach. Wks., Atlantic City, N. J.
Seaside Canning Co., Ocean City, Md.
Seator, Sinclair M., architect, 35 N. Dearborn, Chicago, Ill.
Seattle-Astoria Iron Wks., machsts. & fndrs., Seattle, Wash.
Seattle Boiler Works, marine, Seattle, Wash.
Seattle Brass Co., castings, Seattle, Wash.
Seattle Brick & Tile Co., common, Seattle, Wash.
Seattle Car & Fdry. Co., Seattle, Wash.
Seattle Cedar Lumber Mfg. Co., porch columns, Seattle, Wash.
Seattle Cornice Wks., Seattle, Wash.
Seattle Frog & Switch Co., Seattle, Wash.
Seattle Furn. Mfg. Co., 902H 1st, Seattle, Wash.
Seattle Hardware Co., 501 1st av, S., Seattle, Wash.
Seattle Lumber Co., Seattle, Wash.
Seattle Machine Wks., mill & facty. supplies, 51 W. Lander, Seattle, Wash.
Seattle Mattress & Uph. Co., Seattle, Wash.
Seattle Metal Ceiling Co., sheet steel ceilings, cornices & skylights, Seattle, Wash.
Seattle Mill & Logging Co., Seattle, Wash.
Seattle Packing Co., Seattle, Wash.
Seattle Paint Co., varnish mfrs., Seattle, Wash.
Seattle Saddlery Co., harness strap wk. mfrs., Seattle, Wash.
Seattle Sand & Gravel Co., Seattle, Wash.
Seattle Sheet Metal Shop, cornices & skylights, Seattle, Wash.
Seattle Stove Wks., machsts. & fndrs., Seattle, Wash.
Seattle Suit Case Mfg. Co., traveling bags, Seattle, Wash.
Seattle Tent & Awning Co., contrs., Seattle, Wash.
Seaver & Co., bone, carbon, drop, ivory & lamp blk, 120 Milk, Boston, Mass.
Seaver, H. T., mill & facty. supplies, Barton, Vt.
Seaver, W. P., architect, Grand Central Palace, New York
Seaverns Piano Action Co., Buffalo, N. Y.
Seavey, C. W., machinist, Paynesville, Minn.
Seavey Co., loose leaf devices, Portland, Me.
Seavey Hardware Co., Fort Wayne, Ind.
Seavey, J. F., Lbr. Co., Dover, N. H.
Seavey, J. Herbert, whol. hdwre., Dover, N. H.
Seavy, Geo. E. (est. of) lbr., Windham Depot, N. H.
Seay, E. W. & S. F., contractors, Norfolk, Va.
Sebastian Bros., corn brooms, fruit evaporators, Odin, Ill.
Sebastian Lathe Co., Covington, Ky.
Sebelin Mach. Tool Wks., gas engines, Davenport, Iowa.
Sebewaing Lumber & Mfg. Co., sash, door & blind, Sebewaing, Mich.
Sebewaing Sandstone Brick Co., masons' mtls., etc., Sebewaing Mich.
Sebolt, Conrad, contractor, New Brunswick, N. J.
Sebring, E. H., China Co., Sebring, O.
Sebring Fdry. Co., Sebring, Ohio.
Sebring Motor Car Co., Sebring, Ohio.
Secaw Chem. Co., phosphorus oxychloride phosphorus trichloride. Irvington, N. J.
Seccomb-Kehew-Bradley Co., potato starch mfrs., Boston, Mass.
Sechler, D. M., Implement & Carriage Co., Moline, Ill.
Sechrist, Albert, Mfg. Co., gas & electric light fixtures, Denver, Colo.
Seco Pressed Brick Co., D, Harris, Tex.
Secor, A. W., mill & facty. supplies, 76 Fulton, New York.
Secor, M. M., Trunk Co., Racine, Wis.
Secor Mfg. Co., toys, 112 E. 23rd, New York City.
Secor Typewriter Rep. Co., Derby, Conn.
Secrest, John P., stone producers, Laurel, Ind.
Secrist & Camper, canned goods, Buchanan, Va.
Sector, Jas., & Co., granite, Barre, Vt.
Security Auto Lock Co., 452 5th av, New York.
Security Bank Note Co., street ry. tickets, 223 Chestnut, Philadelphia, Pa.
Security Bridge Co., Metropolitan Bank Bldg., Minneapolis, Minn.
Security Cement & Lime Co., lime & cement mfrs., Hagerstown, Md.
Security Coal & Mining Co. of Missouri, Fisher bldg, Chicago, Ill.
Security Elec. Lamp Co., 134 S. Clinton, Chicago, Ill.
Security Envelope Co., 29th & 5th av, S., Minneapolis, Minn.
Security Flour Mills Co., Abilene, Kans.
Security Insert Co., concrete inserts, 809 Harrison bldg, Philadelphia, Pa.
Security Lightning Rod Co., Burlington, Wis.
Security Steel & Iron Co., Watervliet, N. Y.
Security Stove & Mfg. Co., 17th & Oakland av, Kansas City, Mo.
Security Tool Wks., 115 S. Clinton, Chicago, Ill.
Security Window Guard Co., 130 N. 5th av, Chicago, Ill.
Sedalia Fdry. & Mach. Wks., Sedalia, Mo.
Sedalia Milling Co., flour, Sedalia, Mo.
Sedgley, R. F., revolver mfrs., 2311 N. 16th, Philadelphia, Pa.
Sedgwick, C. S., architect, Lumber Exch., Minneapolis, Minn.
Sedgwick, Henry R., architect, 522 5th av, New York.
Sedgwick Mach. Wks., 150 W. 15th, New York
Sedgwick Tie Co., 10th & B'way, Kansas City, Mo.
Sedgwick, Wm. C., architect, 318 Melbourne av, Peoria, Ill.
Sedlachek, E., bldg. contr., Superior, Wis.
See, A. B., Electric Elevator Co., 220 B'way, New York.
See, Milton, & Son, architects, 15 E. 40th, New York.
Seeber, John H., architect, Oswego, N. Y.
Seebod & Thomas, contrs., Billings, Mont.
Seeboth, Albert G., Co., mattresses, 230 Mineral, Milwaukee, Wis.
Seeboth Bros. Co., scrap iron, 111 Reed, Milwaukee, Wis.
Seeburg, J. P., Piano Co., 209 S. State, Chicago, Ill.
Seeburger, Frank, architect, Weightman bldg, Philadelphia, Pa.

Seed Filter & Mfg. Co., 73 Franklin, New York.
Seed, J. S. Builders Exchange, contrs., Worcester Bldg., Portland, Ore.
Seed Trade Reporting Bureau, grain testers, 1018 S. Wabash av, Chicago, Ill.
Seeder Mfg. Co., agricultural implements, Homer, Mich.
Seeds, Thos. M., Jr., contractor, 1207 Race, Philadelphia, Pa.
Seeger Machine Tool Co., 34 S. Forsythe, Atlanta, Ga.
Seeger Refrigerator Co., Arcade & Wells, St. Paul, Minn.
Seeger, Valentine, machst. & fndr., Toledo, Ohio.
Seehausen, Wehrs & Co., mill & facty. supplies, 173 N. Franklin, Chicago, Ill.
Seehorn, I. H., architect, 328 Clay, Los Angeles, Cal.
Seekins, R., architect, Stonington, Me.
Seelar Elev. Wks., 332 3d av, Pittsburgh, Pa.
Seeler, Edgar V., architect, 101 S. Juniper, Philadelphia, Pa.
Seeley Bros., machy., Blaine, Wash.
Seeley, John A., Mfg. Co., fndrs., Ogdensburg, N. Y.
Seeley Paper Mills Co., binders' & friction boards, Scotch Plains, N. J.
Seeley Tube & Box Co., paper cans, etc., 344 Central av, Newark, N. J.
Seelig, R., & Son, engng. instruments, 231 N. 5th av, Chicago, Ill.
Seely Bros., machsts., Blaine, Wash.
Seely, D. W., machst. & fndr., Sodus Point, N. Y.
Seely, Frances A., Co., fireless cookers, 5735 Harper av, Chicago, Ill.
Seelye, A. T., cornices & skylights, 700 E. Hennepin av, Minneapolis, Minn.
Seelye Mfg. Co., machsts. & fndrs., 49 High, Boston, Mass.
Sees & Faber Co., whol. hdwe. & machsts supplies, 2008 N. Front, Philadelphia, Pa.
Seestedt, Henry W., machst. & fndr., Romulus, Mich.
Seevers Mfg. Co., machsts. & fndrs., Oskaloosa, Ia.
Sefert, Clarence L., architect, 110 W. 40th, New York.
Seffren Scrap Iron & Machy, 213 N. Halsted, Chicago, Ill.
Sefton Carriage Wks., Harrisburg, Pa.
Sefton, Chas. A. S. E., carriages, cor. Monument & Eden, Baltimore, Md.
Sefton Mfg. Corp., corrugated boxes & paper pails, 1801 W. 35th, Chicago, Ill.
Segal Lock & Hdwe. Co., Inc., 155 Leonard, New York
Segal, Nathan, architect, 124 W. 112th, New York.
Segal, Ralph H., architect, 56 W. 46th, New York.
Segale Mfg. Co., store fixtures, 68 E. Spring, Columbus, Ohio.
Segelke & Kohlhaus Mfg. Co., sash, door & blind, plate glass, La Crosse, Wis.
Seger Bros., bituminous coal mine, Lig nier, Pa.
Seguin Milling & Power Co., flour, Seguin, Tex.
Seguine-Runyon-Stiles Co., masons' & bldrs.' matls., ft. Main, Princes Bay, N. Y.
Segur Coil Winding Equipment, 712 Postal Telegraph bldg, Chicago, Ill.
Sehfcik, F. J., architect, 788 E. 175th, New York
Sehnerts, Inc., mechanical rubber goods & oil well supplies, Shreveport, La.
Seib Bros. Co., pulleys, mallets, etc., 96 Boyd, Jersey City, N. J.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Seiberling & Miller Co., agricultural implements, Doylestown, O.
Seibert, H. E., fly catchers, 475 B'way, St. Paul, Minn.
Seick Tent & Awning Co., Des Moines, Ia.
Seidel Ad. & Sons, bakers mfg. chemists, 1245 Garfield, av, Chicago, Ill.
Seidel, B., crucible mfrs., 1322 Callowhill, Phila., Pa.
Seidel Buggy Co., Richmond, Ind.
Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.
Seidel, Julius, Lumber Co., 2000 S. Kingshighway, St. Louis, Mo.
Seidel Mfg. Co., sash pulleys, Boatmen's Bank Bldg., St. Louis, Mo.
Seidel, R. B., crucible mfrs., 1322 Callowhill, Phila., Pa.
Seidelle, E. E., architect, 525 Market, Camden, N. J.
Seideman Bros., silk fringes, 121 N. 7th, Philadelphia, Pa.
Seidenberg, J. M., Co., Inc., plbrs.' supplies, 545 3rd av, New York.
Seidlitz & Werner, contractors, Winona, Minn.
Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.
Seidler, C. B., architect, 6024 Penn av, Pittsburgh, Pa.
Seidler-Miner Co., lamp guards, spark plugs, etc., 36 E. Larned, Detroit, Mich.
Seidlitz Varnish Co., 18th & Garfield, Kansas City, Mo.
Seidmann, Chas., & Co., silk & upholstery fringes, 3rd & Green, Philadelphia, Pa.
Seifert, Frank A., Plastic Relief Co., arch, modelers & sculptors, 2627 Dayton, St. Louis, Mo.
Seifert, Karl F. J., architect, 153 E. 40th, New York
Seiffert, H. O., Lumber Co., Davenport, Ia.
Seifke, H. A. & Co., mixers, San Francisco, Cal.
Seig Brewery Apparatus Co., 1320 N. 5th, Philadelphia, Pa.
Seiler, John, Co., meat packers, 2200 Spring Garden av, Pittsburgh, Pa.
Seim, Hy., & Co., paint mfrs., Fayette & Howard, Baltimore, Md.
Seimer, Henry J., contractor, Green Bay, Wis.
Seiner, Chas. F., chimney thimbles, Indianapolis, Ind.
Seiner, John G., architect, 5 W. Utica, Buffalo, N. Y.
Seinsheimer Paper Co., York & McLean, Cincinnati, Ohio.
Seipp, Edwin A., architect, 179 W. Washington, Chicago, Ill.
Seiss Mfg. Co., auto horns, etc., Toledo, Ohio.
Seiter & Son, lumber, Owens, Ohio.
Seither & Cherry Co., separators (cream), Keokuk, Ia.
Seitter's, F., Sons, brick, Nicetown & G, Philadelphia, Pa.
Seitz, Geo., carriages, 745 Bowen av, Chicago, Ill.
Seitz, F. A., Co., auto. engines, Newark, N. J.
Seitz, J. H., & Son, sample cases, trunks, etc., 414 Brown, Philadelphia, Pa.
Seitz, L. T., contractor, Youngstown, Ohio.
Seitzinger, J. G., sand screens, Wilkes-Barre, Pa.
Seiz, E. C., architect, Healey bldg, Atlanta, Ga.
Sel, Benj., & Co., tin plate, 59 Orchard, New York.
Selas Co., gas machs., etc., 521 W. 23d, New York.
Selbach-Meyer Co., machsts., West New York, N. J.
Selby Safety Flag Co., ry. lanterns, etc., Railway Exchange bldg, St. Louis, Mo.
Selby Smelting Works, 201 1st, San Francisco, Cal.
Selby Smelting & Lead Co. See Selby Smilting Works (successor).
Selbyville Packing Co., canned goods, Selbyville, Del.
Selchow & Righter Co., toys, games, etc., 620 B'way, New York.
Selden-Breck Constr. Co., Fullerton Bldg., St. Louis, Mo.
Selden Cypress Door Co., Palatka, Fla.
Selden Roofing & Manufacturing, 76 Western av, Minneapolis, Minn.
Selden Truck Corp., Rochester, N. Y.
Seldner & Enequist, chem., 86 Hausman, Brooklyn, N. Y.
Seldon-Breck Constr. Co., 122 S. Michigan av, Chicago, Ill.
Self-Cleaning Strainer Co., hose strainers & soot blowers, 6329 Stewart av, Chicago, Ill.
Self, H., architect, Grand Opera House, Terre Haute, Ind.
Self, James E., architect, Grand Opera House, Terre Haute, Ind.
Self-Locking Carton Co., 465 E. Illinois, Chicago, Ill.
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Selfridge, O. B., Co., wood handles, Lima, Ohio.
Selig Polyscope Co., moving picture machines, 3901 N. Western av, Chicago, Ill.
Seligman, Arthur, copper refiners, bar tin, bronze powders, aluminum sheets, liquid, etc., 165 B'way, New York.
Seligman, Wm., & Ball, whol. hdwe., Tamaqua, Pa.
Selkirk, Alex., architect, 133 N. Pearl, Albany, N. Y.
Sell Bros. Co., Inc., Contractors, Cumberland, Md.
Sell, Geo., contractor, Hazelton, Pa.
Sell Sporting Goods Co., Canton, Ohio.
Selle, H. W., & Co., sea moss, packing pads, 1000 N. Halsted, Chicago, Ill.
Seller Bros. & Co., wholesale hdwe., 14 Spear, San Francisco, Cal.
Seller Carriage Co., Versailles, Ky.
Sellers, Benj., & Sons, memorial windows, 80 Bible House, New York.
Sellers, E. A., lumber, Orwell, Ohio.
Sellers, Edw., steel tray barrows, Oak Hall Station, Pa.
Sellers, G. I., & Son Co., kitchen cabinets, Dept. H, Elwood, Ind.
Sellers Mfg. Co., iron rolling mills, 332 S. Michigan av, Chicago, Ill.
Sellers, Philip, architect, 207 Orange, New Haven, Conn.
Sellers, Wm., & Co., hydraulic accumulators, etc., 1600 Hamilton, Philadelphia, Pa.
Sellew, B. A., architect, 756 Main, Hartford, Conn.
Sellew Machine Tool Co., grinders & vises, Pawtucket, R. I.
Selligman, Mitchell, architect, Pine Bluff, Ark.
Sellman, A. B., & Bro., canned goods, Watersville, Md.
Sellon, Geo. C., architect, 1005 8th, Sacramento, Cal.
Sells, Corwin P., contractor, 1901 Talbot av, Indianapolis, Ind.
Sells, J. H. & F. A., Co., harness mfrs., Chestnut & Pearl, Columbus, Ohio.
Selma Hardware Co., Selma, Ala.
Selma Oil & Ice Co., fertilizer mfrs., Selma, Ala.
Selmore, Inc., show cases, 35 E. 12th, New York.
Selover Milling Co., flour, Moravia, N. Y.
Seltzer-Klahr Hardware Co., 535 Market, Phila., Pa.
Seltzer Packing Co., meat packers, Pottsville, Pa.
Selway Steel Post Co., 220 S. State, Chicago, Ill.
Selzer, J. M., Carriage & Business Wagon Mfg. Co., 1525 N. 14th, St. Louis, Mo.
Semco Mfg. Co., vacuum cleaners, Nashville, Tenn.
Semet-Solvay Co., chemical mfrs., coke ovens & by-products, Syracuse, N. Y.
Sem Steel Fdry. Co., New Portage, Ohio.
Semi-Steel Test Fdry. Co., 4916 Bloomingdale av, Chicago, Ill.
Seminole Construction Co., Miami, Fla.
Seminole Mills, cotton sheetings, Clearwater, S. C.
Semmes Hardware Co., Savannah, Ga.
Semones & Son, machsts. & fndrs., Union City, Tenn.
Semper, W. J., contractor, Watertown, N. Y.
Sempier, John, contractor, Bloomfield, N. J.
Semple Mfg. Co., Inc., saddle blankets, cordage & twine, Louisville, Ky.
Semple Rubber Co., inner auto tubes, Trenton, N. J.
Semple, W. & A. C., railway supplies, 309 W. Main, Louisville, Ky.
Semprez, John, machinist, Topeka, Kans.
Semsch, O. F., architect, 111 E. 40th, New York
Senatobia Cotton Oil Co., Senatobia, Miss.
Sendel & Rouse, whol. hdwe., Lehighton, Pa.
Seneca Brass & Plating Works, Utica, N. Y.
Seneca Camera Mfg. Co., Rochester, N. Y.
Seneca Cotton & Warehouse Co., Seneca, S. C.
Seneca Engng. Co., steel structural work, Montour Falls, N. Y.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Seneca Falls Mfg. Co., lathe mfrs., Seneca Falls, N. Y.
Seneca Falls Rule & Block Co., Inc., Seneca Falls, N. Y.
Seneca Fertilizer Co., Seneca, S. C., & Tiffin, Ohio.
Seneca Glass Co., tumblers, Morgantown, W. Va.
Seneca Iron & Steel Co., Buffalo, N. Y.
Seneca Kraut & Pickling Co., canned gds., Geneva, N. Y.
Seneca Motor Car Co., commercial cars, Fostoria, Ohio.
Seneca Oil Mills, meal, Seneca, S. C.
Seneca Oil Works, petroleum, Warren, Pa.
Seneca Tripoli Co., Pierce Bldg., St. Louis, Mo.
Seneca Wire & Mfg. Co., Fostoria, Ohio.
See adv index at end of book.
Senefelder Litho Stone Co., 32 Greene, New York
Senelith Ink Co., Inc., 32 Greene, New York
Sener, G., & Sons, masons' & bldrs.' matls., Lancaster, Pa.
Seng Auto Device Co., push buttons, 1452 Dayton, Chicago, Ill.
Seng Co., hardware mfrs., 1450 Dayton, Chicago, Ill.
Sengbusch Self-Closing Inkstand Co., inkstands, etc., 401 Stroh Bldg., Milwaukee, Wis.
Sengel, Philip, & Son, wooden kegs, Louisville, Ky.
Senk, Jno., & W., fndrs., Syracuse, N. Y.
Senn Concentrator Co., see Bunting Iron Wks. (successors).
Senne & Albert, architects, Central Natl. Bank bldg, St. Louis, Mo.
Senseman, J. M., Lumber Co., Parkersburg, W. Va.
Sentenne & Green, glass & metal signs, 150 Nassau, New York.
Sentinel Mfg. Co., sad & soldering iron heaters, New Haven, Conn.
Sequatchie Handle Works, Sequatchie, Tenn.
Serafino, Andrew, contractor, Youngstown, O.
Serena, John, Co., masons' & bldrs.' matls., McKeesport, Pa.
Seretto, Michael, contractor, 3 Tremont, Boston, Mass.
SERFAS LUMBER CO., ties, poles, posts, staves, cooperage stock, etc., Drake bldg, Easton, Pa.
See adv index at end of book.
Sergeant, A. W., masons' & bldrs.' matls., Albion, Pa.
Sergeant, E. M., Co., chemicals, clays & wood pulp, 15 E. 26th, New York. *See adv index at end of book.*

Sergeant Glass Co., Williamsport, Pa.
Sergeant Mfg. Co., engines, Greensboro, N. C.
Sergeant, Wm. H., contractor, Mount Vernon, N. Y.
Sergeson, R., Co., shuttles, Palmer & Tulip, Phila., Pa.
Sero Specialty Co., belt dressings, 2860 E. 84th, Cleveland, O.
Serrachio, Nicholas, architect, 507 5tht av, New York
Serratelli's, P., Sons, scrap iron, 156 Malvern, Newark, N. J.
Serrell & Schenck, htg. & ventg. engrs., 71 Murray, New York.
Serson Hardware Co., htg. contrs., 109 31st, Chicago, Ill.
Serven Lbr. & Coal Co., Inc., masons' & bldrs.' matls., Pearl River, N. Y.
Service Commodities Mfg. Co., ice cream dishes, bottle capping mach. & drink mixers, 442 N. Wells, Chicago, Ill.
Service Electric Co., elec. bells, 122 S. Michigan av, Chicago, Ill.
Service Elec. & Mfg. Co., switchboard, Minneapolis, Minn.
Service Engng. Co., jigs, special machy., etc., 25 Church, New York.
Service Glove Co., 62 Shipman, Newark, N. J.
Service Motor Truck Co., machsts., Wabash, Ind.
Service Recorder Co., 2344 E. 105th, Cleveland, Ohio.
Service Tool Die & Mfg. Co., 206 E. Jefferson, Chicago, Ill.
Servoss, Chas. J., masons' & bldrs.' matls., Macedon, N. Y.
Servoss Furnace Co., 55 W. Austin av, Chicago, Ill
Servotte, Ernest W., contractor, Green Bay, Wis.
Servus Rescue Equipment Co., 50 Columbia, Newark, N. J.
Sessions Clock Co., Forestville, Conn.
Sessions Fdry. Co., grey iron castings, Bristol, Conn.
Sessions, F. E., Co., coffins, caskets, etc., Worcester, Mass.
Sessions, H. M., & Sons, fertilizer mfrs., Enterprise, Ala.
Sessions, J. H., & Son, trunk hdwre., etc., Bristol, Conn.
Sester Mfg. Co., seeders, Peoria, Ill.
Seton, Frank J., cornices, 78 Washington av, Brooklyn, N. Y.
Seton Leather Co., patent & enameled leather, 62 Verona av, Newark, N. J.
Setter Bros. Co., wood skewers, Cattaraugus, N. Y.
Settle, J. C., & Co., contractors, Pontiac bldg, St. Louis, Mo.
Settle, T. J., blankets—woolen, Scottsville, Ky.
Settle, W. A., brick, common, Clarksville, Tenn.
Settler, Geo. A., architect, 67 Burch av, Buffalo, N. Y.
S. E. T. Valve & Hydrant Co., 56 Church, New York
See adv index at end of book.
Seufert Bros. Co., canned goods, The Dalles, Ore.
Seus, Rudolf, stone, 406 E. 109th, New York.
Seutter, Carl von, architect, Moore Bldg., San Antonio, Tex.
Severance Elect. Co., factory signals, 1 Hartford, Boston, Mass.
Severance Gas Machine Co., Freeport, Ill.
Severance & Van Alen, archt., 5 W. 37th, New York
Severence, H. Craig, & Van Alen, Wm., architects, 111 E. 40th, New York
Severence, S., Mfg. Co., bolt, nut & rivet, 3d, Pittsburgh, Pa.
Severet, J. A., & Co., meat packers, 32 E. Front, Cincinnati, O.
Severin, N. P., contractor, 82 W. Washington, Chicago, Ill.
Severns, J. T., & Sons Co., sashes, doors & blinds, Burlington, N. J.
Sevier, J. D., Son, mach. & fndr., Milan, Mo.
Sevison Electric Co., igniters, Elkhart, Ind.
Sewall Paint & Glass Co., 1009 W. 8th, Kansas City, Mo.
Seward & Co., machsts. & fndrs., Bloomington, Ind.
Seward, M., & Son Co., hdwe. mfrs., New Haven, Conn.
Seward Trunk & Bag Co., suit cases, Petersburg, Va.
Sewell-Clapp Envelopes Co., 23 N. Desplaines, Chicago, Ill.
Sewell Cushion Wheel Co., truck wheels, 1296 Gratiot, Detroit, Mich.
Sewell, W. F., flour mills, Bethlehem, Ky.
Sewer Pipe Manufacturing Co., Second Natl. Bk. Bldg., Akron, O.
Sewing Machine Cabinet Co., tel. cabinet works, Bridgeport, Conn.
Sewing Machine Supplies, 121 Beach, Boston, Mass.
Sewing Machine Times, trade publication, 47 E. 19th, New York
Sexauer, Chas., Roofing Co., cornices, 148 Sherman, Detroit, Mich.
Sexauer & Lemke, arch'l iron, Vernon av, Long Island City, N. Y.
Sexsmith Lbr. Co., Metaline Falls, Wash.
Sexton Can Co., can mfrs.-& sheet metal workers, 123 Broad, Boston, Mass.
Sexton, J. F., & Co., sash, door & blind mfrs.—lbr., Spokane, Wash.
Sexton, Jno. M. L., brick, 1459 Mich. av, Chicago, Ill.
Sexton Machine Co., special machinery, jigs, fixtures, etc., 308 Pearl, Hartford, Conn. *See adv index at end of book.*
Sexton, Norman W., architect, 454 California, San Francisco, Cal.
Sexton, S. B., Stove & Mfg. Co., stove mfrs., 500 W. Conway, Baltimore, Md.
Sexton Tractor Corp., Asbury Park, N. J.
Sexton, W. J., concrete contr., Hartford, Conn.
Sextro Mfg. Co., furn., 2126H Winchell av, Cincinnati, Ohio.
Seybold Machine Co., book binders' machinery, Dayton, Ohio.
Seybold Piano & Organ Co., Elgin, Ill.
Seydel Mfg. Co., colors, size, soap, etc., 88 Forrest, Jersey City, N. J.
Seyfarth, Robert E., architect, 134 S. La Salle, Chicago, Ill.
Seyfert, Simon (Est. of), rolling mills, Reading, Pa.
Seyfert's, L. F., Sons, Inc., machy. dlrs., 437 N. 3rd, Phila., Pa.
Seygrand & Co., airplane parts & supplies, 120 B'way, New York.
Seyler Hardware Co., Marietta, Ohio.
Seymour, A. D., Jr., architect, 33 W. 42nd, New York
Seymour Brass Turning Co., screw mach. products, Seymour, Conn.
Seymour, Chas. H., archt., Lexington av & 42nd, New York
Seymour Commercial Co., bldrs.' mtls., hdwe., etc., Seymour, Conn.
Seymour Cotton Oil Co., meal, Seymour, Tex.
Seymour, David C., hot water generators, 49 Lawrence, Newark, N. J.
Seymour, Ernest, watch crystals, 60 Nassau, New York.
Seymour Iron Foundry, Seymour, Conn.
Seymour, J. M., Jr., water motor fans, etc., 51 Lawrence, Newark, N. J.
Seymour Mfg. Co., grain cradles, pruning shears, scythe snaths, etc., Seymour, Ind.
Seymour Mfg. Co., nickel, brass, bronze, etc., sheets, wire & rods, Seymour, Conn.
Seymour Metal Goods Co., Seymour, Conn.
Seymour & Peck Co., wooden drums, 20th pl & Sangamon, Chicago, Ill.
Seymour Planing Mill Co., sash, door & blind, Seymour, Ind.
Seymour & Schonewald, architects, Grand Central Terminal, New York.
Seymour Woolen Mills, Seymour, Ind.
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, Ohio.
Shabeck, John C. L., silver nov., 245 W. Exch., Providence, R. I.
Shaber, W. F., Co., cornices, 730 S. 12th, Louisville, Ky.
Shackelford Brick Co., Des Moines, Ia.
Shackelford Edgar, machsts., Cambridge, Md.
Shackley, W. T., & Son Co., mill & facty. supplies, 49 High, Boston, Mass.
Shadall Mfg. Co., closet ventilators, Wauwatosa, Wis.
Shadbolt & Boyd Iron Co., 131 W. Water, Milwaukee, Wis.
Shadbolt Mfg. Co., wagons, 68 Flushing av, Brooklyn, N. Y.
Shadburn Bros., harness, Buford, Ga.
Shade, Grant, architect, Renova, Pa.
Shade, John W., contractor, Palmyra, N. J.
Shadegg, J. C., Engine Co., 315 S. 3d, Minneapolis, Minn.
Shady Brook Shingle Co., Lynden, Wash.
Shafer Bearing Corp., Ravenswood av, at Sunnyside, Chicago, Ill.
Shafer, M. F., & Co., advtg. novelties, 12th & Farnham, Omaha, Neb.
Shafer Mfg. Co., chemical closets, 445 Colton Bldg., Toledo, O.
Shafer, O. J., patterns, etc., 207 E. 6th, Cincinnati, Ohio.
Shafer, Perry C., Co., fertilizer mfrs., Brockport, N. Y.
Shaffer, C. F., Lumber Co., Laurel, Md.
Shaffer Color & Varnish Corp., Hoboken, N. J.
Shaffer, G. W., drain tile, Spencerville, Ohio.
Shaffer, M. T., architect, Fullerton bldg, St. Louis, Mo.
Shahan, Patrick, & Son, contractors, Lebanon, Ind.
Shain, Chas. D., primary & secondary terminals, Station L, Brooklyn, N. Y.
Shakespeare Co., carbureters & fishing tackle mfrs., Kalamazoo, Mich.
Shakespeare Iron Works, 913 Girod, New Orleans, La.
Shakopee Cement Lime Mfg. Co., 220 Chestnut, St. Paul, Minn.
Shakopee Stove Wks., machsts. & fndrs., Shakopee, Minn.
Shale Brick & Tile Co., Chillicothe, Mo.
Shaler, C. A., Co., elec. heating pads, stoves & vulcanizers, Waupun, Wis.
Shaler Umbrella Co., Waupun, Wis.
Shalita Bros., tin cans, 268 South, New York.
Shallcross, J., & Son, meat packers, Coatesville, Pa.
Shambaugh & Son, flour mills, Clarinda, Ia.
Shambleau, Roy, architect, 731 J. M. S. bldg., South Bend, Ind.
Shambow Shuttle Co., Woonsocket, R. I.
Shamburg & Allen Machine Co., machsts. & fndrs., Coraopolis, Pa.
Shamokin Lumber & Mfg. Co., Shamokin, Pa.
Shamokin Powder Co., Shamokin, Pa.
Shampan & Shampan, architects, 50 Court, Brooklyn, N. Y.
Shanafelt Mfg. Co., pattern makers' supplies, Canton, Ohio.
Shand Builders' Supply Co., Columbia, S. C.
Shands, T. W., & Co., turpentine, Green Cove Springs, Fla.
Shane & Co., plbrs.' supplies, 3,304 Wentworth, Chicago, Ill.
Shane Furnace & Metal Appliance, West Warren av & S. Delaware, Denver, Colo.
Shaner, Geo. W., & Son, contractors, Palmyra, N. J.
Shank Co., contrs., 30 N. La Salle, Chicago, Ill.
Shank, Cyrus, Co., screw machine products, 625 W. Jackson, Chicago, Ill.
Shank, D. C., & Co., sashes, doors & blinds, Pandora, Ohio.
Shank, Daniel, Lumber Co., Angola, Ind.
Shank, E. A., Sign Co., 19 Park pl, New York.
Shank, Edward D., architect, 38 S. Dearborn, Chicago, Ill.
Shank, I. L., masons' & bldrs.' matls., Titusville, Pa.
Shank Milling Co., flour, Salem, Va.
Shankel, Emanuel K., brick, Pennsburg, Pa.
Shankey, Thos., & Son, brick, Haverstraw, N. Y.
Shankland, E. C. & R. M., arch'l engrs., 209 S. La Salle, Chicago, Ill.
Shankland, Edward C., architect, 209 S. La Salle, Chicago, Ill.
Shanklin Mfg. Co. locks, lead pencils, & acetylene lamps, Springfield, Ill.
Shanley & Baker, architects, Great Falls, Mont.
Shanley, G. H., architect, 512 First Nat'l Bank, Great Falls, Mont.
Shanley, J. F., Co., contractors, 26 Exchange pl, Jersey City, N. J., & Commercial Trust Bldg., Philadelphia, Pa.
Shann Mfg. Co., mouse traps, card & label holders, Middletown, N. Y.
Shannahan & Wrightson Hardware Co., cornices, Easton, Md.
Shannock Narrow Fabric Co., cotton shelving, Pawtucket, R. I.
Shannon Bed Spring Co., Louisville, Ky.
Shannon, E. F., contractor, Haverhill, Mass.
Shannon, Grant S., cornices & skylights, Houston, Tex.
Shannon, J. A., architect, Devils Lake, N. D.
Shannon, J. B., Hardware Co., 816 Chestnut, Philadelphia, Pa.
Shannon, J. H. & R., contractors, 538 Bergen av, Jersey City, N. J.
Shannon, J Jacob, & Co., whol. hdwe., mill & fndry. supplies, crane & derrick bldrs., etc., 1744 Market, Philadelphia, Pa.
Shannon, Jas. S., architect, 608 S. Dearborn, Chicago, Ill.
Shannon Lafe Co., vacuum cleaners, Waterloo, Ia.
Shannon Mfg. Co., garbage burners, 224 W. 26th, New York
Shannon, R., architect, 1 Bernius st, Jersey City, N. J.
Shannon, Wm., file mfrs., Middletown, N. Y.
Shantz, M. B., button mfrs., 237 S. Wells, Chicago, Ill., & Rochester, N. Y.
Shape & Bready, architects, 220 W. 42d, New York.
Shaper, F. D., Elev. Co., 153 Franklin, New York.
Shapiro Plumbing Supply Co., A., Inc., 167 Av A, New York.
Shapiro, A., & Co., plbrs.' supplies, 167 av A, New York.
Shapiro, Archibald J., architect, 1 Madison av, New York.
Shapiro & Aronson, elec. & gas light fixtures, 20 Warren, New York.
Shapiro, David, cornices, 3474 3d av, New York.
Shapiro, Hy., scrap brass, iron & steel, Wilkes-Barre, Pa.
Shapiro, M., & Son, contractors, 299 B'way, New York.
Shapleigh, Bertram, architect, 4 E. 44th, New York.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Shapley & Wells, machts., Binghamton, N. Y.
Shapter, Rich. S., architect, Summit, N. J.
Sharber & White Hardware Co., Elizabeth City, N. C.
Shares, F. I., common brick, Hamden, Conn.
Sharfink Elec. Mfg. Corp., wire connectors, 84 Walker, New York.
Shark & Fellows Contng. Co., Vernon, Los Angeles, Cal.
Sharkey Bros., contrs., Scranton, Pa.
Sharkey, P., & Son, horse collars, 53 Union, Portland, Ore.

Sharkey & Peck, boiler cleaners, heaters, tanks, etc., 2433 W. 18th, Chicago, Ill.
Sharlow Bros. Co. milk bottle carriers cans, bilge and oil pumps, mooring buoys & moving picture booths & equipment, 442 W 42d, New York.
Sharman Bros., machsts., 256 Pearl, New York.
Sharon Bldg. Co., Sharon, Pa.
Sharon Center Canning Co., Sharon Center, Ohio.
Sharon Clay Products Co., Sharon, Pa.
Sharon Fire Brick Co., Sharon, Pa.
Sharon Fndry. Co., Sharon, Pa.
Sharon Hdwe. Mfg. Co., shelf brackets, Sharon, Pa.
Sharon Iron & Metal Co., scrap, Sharon, Pa.
Sharon Mach. Co., Sharon, Pa.
Sharon, Sam'l A., ties, poles, Newport, Pa.
Sharon Steel Hoop Co., hoops & bands, Sharon, Pa.
Sharon Trunk Co., 1625 5th av, Pittsburgh, Pa.
Sharon, W. J., machinist, Wichita, Kans.
Sharone & Friedman, architects, Berger bldg, Pittsburgh, Pa.
Sharp, A. J., & Co., machsts. & fndrs., Harrisonville, Mo.
Sharp Bros., wall plaster mfrs., Youngstown, Ohio.
Sharp, C. H., Const. Co., contrs., Sharp Bldg., Kansas City, Mo.
Sharp, C. H., Mfg. Co., radiators, 315 W 5th, Los Angeles, Cal.
Sharp, Al., cornices & skylights, Montezuma, Ind.
Sharp, H. W., mill & factory supplies, Portland, Ore.
Sharp, J. C., Brass Works, machsts. & fndrs., Chattanooga, Tenn.
Sharp, J. V., Canning Co., Williamstown, N. J.
Sharp, Leander, contractor, Bridgeton, N. J.
Sharp Mfg. & Supply Co., stove mfrs., mill & facty. supplies, New Philadelphia, Ohio.
Sharp Rotary Ash Receiver Co., ash cans & hoists, coal conveyors & rotary receivers, Binghamton, N. Y.
Sharp Spark Plug Co., C. A. C. Bldg., Cleveland, Ohio.
Sharp, W. M., Mfg. Co., machsts., Binghamton, N. Y.
Sharp, W. N., & Sons, lbr., Akron, Ala.
Sharp, Wm. A., contractor, Reading, Pa.
Sharp & Smith, surgical hosiery & instrs., 65 E. Lake, Chicago, Ill.
Sharpe, A. R., architect, Willimantic, Conn.
Sharpe Bros., glass stainers, 951 Broad, Newark, N. J.
Sharpe & Co., lubrg. oils & greases, 97 Water, New York.
Sharpe, H. Percy, architect, 315 2nd av N., Seattle, Wash.
Sharpe, Jos., Construction Co., masons' & bldrs.' matls., Paterson, N. J.
Sharples Milker Co., creamery machy., West Chester, Pa.
Sharples Separator Co., cream separator mfrs., West Chester, Pa.
Sharples, Stephen P., chemists, 26 Broad, Boston, Mass.
Sharpless & Watts Co., fire place furnishings, 1520 Sansom, Philadelphia, Pa.
Sharpley, W. W., architect, 1713 Sansom, Phila., Pa.
Sharps Brass Fdry., Seattle, Wash.
Sharpsburg Fndry. Co., Sharpsburg, Pa.
Sharpsville Boiler Wks. Co., Sharpsville, Pa.
Sharpsville Canning Co., Sharpsville, Ind.
Sharpsville Furnace Co., Sharpsville, Pa.
Shartle Bros. Mach. Co., Middletown, Ohio.
Shartle Mach. Co., dlrs, Columbus, Ohio.
Shartzer, G. H., Co., contrs, Dayton, Ohio.
Shary William, architect, 369 E. 207th, New York
Shattuck, Austin M., contractor, Brazil, Ind.
Shattuck, C. E., architect, Mason Bldg., Los Angeles, Cal.
Shattuck Edinger Co., contr., 525 Market, San Francisco, Cal.
Shattuck-George Iron Co., Wichita, Kans.
Shattuck & Hussey, architects, 19 S. La Salle, Chicago, Ill.
Shattuck, G. H., Inc., shipbldrs, Portsmouth, N. H.
Shattuck, Jas. S., architect, 82 N. Pearl, Albany, N. Y.
Shattuck, R. P., machst. & fndr., Clinton, Ind.
Shattuck, T. N., lumber mfrs., Piffard, N. Y.
Shattuck, Walter F., architect, 19 S. La Salle, Chicago, Ill.
Shaub, Henry Y., architect, N. Queens & Chestnut, Lancaster, Pa.
Shaugnessy Constr. Co., 372 B'way, Albany, N. Y.
Shavelight Corp., shaving mirrors, 30 Church, New York.
Shaver Bros., contrs., Auburn, N. Y.
Shaver, C. W., architect, Salina, Kansas.
Shaver, J. A., flour mills, Greenville, Ky.
Shaver, J. W., canned goods, Troutville, Va.
Shaver, R. M., lbr., Chehalis, Wash.
Shaver, W. B., contractor, Virginia, Minn.
Shaw, A. B., Estate, flour, Shawville, Pa.
Shaw, A., Co., scrap iron & steel, 976 E. 67th, Cleveland, Ohio.
Shaw, A. L., architect, Tampa, Fla.
Shaw Advtg. Co., Produce Exch. Bldg., Kansas City, Mo.
Shaw, Alex. L., contractor, Warren, Pa.
Schaw-Batcher Co., steel pipes, Sacramento, Cal.
Shaw, Benj. F., Co., steamfitters supplies, Wilmington, Del.
Shaw Blue Print Mach. Co., 11 Campbell, Newark, N. J.
Shaw Bros., brass fndrs., 43 Hermon, Newark, N. J.
Shaw, C. H., Pneumatic Tool Co., Denver, Colo.
Shaw, C. P., & Co., machsts. & fndrs., Natchez, Miss.
Shaw Co., carriage hubs, Crandon, Wis.
Shaw & Co., modelers & sculptors, 864 N. Franklin, Phila., Pa.
Shaw Coupling Co., Syracuse, N. Y.
Shaw, E., brick, Joliet, Ill.
Shaw Elec. Crane Co., machsts., 119 W. 40th, New York.
Shaw, Frederic, architect, Tacoma bldg, Tacoma, Wash.
Shaw, Fred'k E., contractor, 126 Melrose, Providence, R. I.
Shaw Furn. Co., 101H Park av, New York.
Shaw Furniture Co., Cambridge, Mass.
Shaw, G., machsts., Ithaca, N. Y.
Shaw, Geo. H., Co., varnish, Middleboro, Mass.
Shaw, H. A., Metal Spinning Co., cornices & skylights, Seattle, Wash.
Shaw, H. C., Co., agricultural implements, Stockton, Cal.
Shaw, Hamlin J., machst., Cambridge, Mass.
Shaw, Harry W., masons' & bldrs.' matls., Everett, Wash.
Shaw, Herbert, stone producers, Walton, N. Y.
Shaw, Howard, Van Doren, architect, 39 S. State, Chicago, Ill.
Shaw Insulator Co., lightning arresters, 5 Kirk pl, Newark, N. J.
Shaw, J. D., architect, 510 S. Spring, Los Angeles, Cal.
Shaw, J. G., Blank Book Co., 72 Walker, New York.
Shaw, J. William, architect, Wayne, Pa.
Shaw, John, & Co., arsenate of soda & soluble oil, 15 Elkins, So. Boston, Mass.
Shaw, John L., contractor, Coshocton, Ohio.
Shaw, John P., & Co., paint mfrs., Bridgeton, N. J.
Shaw, Jno. W., & Son Co., contractors, 351 S. 9th, Newark, N. J.

Shaw-Kendall Engineering Co., plbrs'. supplies, pipe bends & fittings, Toledo, Ohio.
Shaw Land & Timber Co., Ivor, Va.
Shaw, L. F., & Sons Co., sashes, doors & blinds, Cartersville, Ga.
Shaw Mfg. Co., machsts., Galesburg, Kans.
Shaw, P. M., Jr., & Co., lbr., Duluth, Minn.
Shaw Piano Co., 1640 Gorsuch av, Baltimore, Md.
Shaw Propeller Co., propeller wheels & wrench mfrs., 15 Elkins, Boston, Mass.
Shaw, R. W., architect, Enid, Okla.
Shaw Show Case Co., Seattle, Wash.
Shaw Silas Brick Co., Joliet, Ill.
Shaw, Stanley F., architect, Tacoma bldg, Tacoma, Wash.
Shaw & Tenney, dowels, Orono, Me.
Shaw-Walker Co., filing devices, 1210-22 Western av, Muskegon, Mich.
Shaw, Welsh & Co., baling presses, Galesburg, Ill.
Shaw, Wm. M., Co., machsts. & fndrs., Brazil, Ind.
Shaw, Wm. R., stone, Bridgeton, N. J.
Shaw, Willis, contrs. supplies, 80 E. Jackson blvd, Chicago, Ill.
Shaw Wire Fence Co., Warsaw, Ohio.
Shawano Canning Co., Shawano, Wis.
Shawano Lbr. Co., Shawano, Wis.
Shawder, W. B., fndr., Richfield, Pa.
Shawinigan Electro Products Co., ferro manganese, 3920 Philadelphia rd., Baltimore, Md.
Shawinigan Products Corp., Canadian carbide, ferro alloys, etc., 110 William, New York.
See adv index at end of book.
Shawmut Chemical Co., boiler preservative, 42 Battery Canal, Boston, Mass.
Shawmut Clay Mfg. Co., flue linings & underground conduits, Drummond & Shawmut, Pa.
Shawmut Co., mill & factory supplies, 54 Canal, Baston, Mass.
Shawmut Iron & Wire Wks., steel fcty. bins, Everett, Mass.
Shawmut Machy. Co., 82 Lincoln, Boston, Mass.
Shawmut Paving Brick Co., Shawmut, Pa.
Shawmut Vitrified Paving Brick Wks., Shawmut, Pa.
Shawnee Flash Brick Co., Columbus, Ohio.
Shawnee Fdry. & Mach. Shop, Shawnee, Okla.
Shawnee Lbr. Co., 1775 Weber, Cumminsville, Cincinnati, O.
Shawnee Milling Co., flour, Shawnee, Okla., & Topeka, Kans.
Shawnee Supply Co., whol. hdwe., Plymouth, Pa.
Shawver Co., auto. jacks, tools, etc., Springfield, Ohio.
Shawver, John L., contractor, Bellefontaine, Ohio.
Shawver, W. F., Co., cornices & skylights, Charleston, W. Va.
Shay, C. M., Fertilizer Co., Groton, Conn.
Shay, E., & Son, machsts. & fndrs., Harbor Springs, Mich.
Shay, Howell Louis, architect, North American bldg., Philadelphia, Pa.
Shays, J. R., blueprints, 145 Greenwich, New York.
Shayne, C. C., & Co., carriage robes, 126 W. 42d, New York.
Shea Bros., machsts. & fndrs., Fall River, Mass.
Shea & Co., cornices, Holyoke, Mass.
Shea, Daniel, Boiler Wks., Memphis, Tenn.
Shea, Donnelly Giberson Co., stone prod., Lynn, Mass.
Shea, J. L., contractor, Springfield, Mass.
Shea, John J., & Son, cut glassware, Cambridge, Mass.
Shea & Lofquist, architects, 742 Market, San Francisco, Cal.
Shea-Sullivan Co., contractors, 303 Main, Stamford, Conn.
Shea R. T., contr., Riverside, Cal.
Shea, T., masons' & bldrs.' matls., Springfield, Mass.
Shea, Thos. J., Co., contractors, Jamaica, Boston, Mass.
Shea, Wm. D., architect, 244 Kearny, San Francisco, Cal.
Shea, Wm., & Son, contractors, Quincy, Mass.
Sheaff, A. P., contractor, Chester, Pa.
Sheaffer, W. A., Pen Co., Ft. Madison, Ia.
Sheahan, A. J., Granite Co., Graniteville, Mo.
Sheahan, B. C., Co., cooperage stock, 181 W. Quincy, Chicago, Ill.
Sheahan Construction Co., Roanoke, Va.
Sheahan & Groark, cornices, 285 State, New Haven, Conn.
Sheal Creek Coal Co., McCormick bldg, Chicago, Ill.
Shean, Paul, Co., mill & facty. supplies, Galveston, Tex.
Shear Klean Grate Co., Monadnock bldg., Chicago, Ill.
Shearer & Emery, masons' & bldrs.' matls., Hobart, Ind.
Shearer, Kagey & Co., lumber mfg., Ashland, Ohio.
Shearer, Sam'l H., & Son, lbr., 1420 Chestnut, Philadelphia, Pa.
Shearer, Thomas R., contr., 7 W. Madison, Chicago, Ill.
Shearman Bros. Co., furniture, Dept. H, Jamestown, N. Y.
Shearman Heating Co., 18 Union, Boston, Mass.
Shearston-Lowell Mfg. Co., canvas gloves, Lockport, N. Y.
Sheblessy, J. F., architect, Lincoln Inn Court, Cincinnati, Ohio.
Shebly Steel Tube Co., Ellwood City, Pa.
Sheboygan Chair Co., lawn settees, Sheboygan, Wis.
Sheboygan Coaster & Wagon Wks., Sheboygan, Wis.
Sheboygan Lime Wks., Sheboygan, Wis.
Sheboygan Mattress Co., Sheboygan, Wis.
Sheboygan Novelty Co., music cabinets, Sheboygan, Wis.
Sheboygan Pad Co., Sheboygan, Wis.
Sheboygan Upholstering Co., furniture, Dept. H., Sheboygan, Wis.
Shedd-Brown Mfg. Co., advertising novelties & specialties, 317½ 5th av, S., Minneapolis, Minn.
Shedd Elec. Co., dynamo mfrs., Roselle Park, N. J.
Shedd, L. F., masons' & bldrs.' matls., Jamestown, N. Y.
Shedd, W. A., & Co., masons' & bldrs.' matls., Nashua, N. H.
Shedden, Jas., & Co., contractors, 106 N. La Salle, Chicago, Ill.
Sheedy, Thos. W., lime mfrs., Fayetteville, N. Y.
Sheehan Construction Co., 309 Holiday, Indianapolis, Ind.
Sheehan, D. H., press cloths, Westford, Mass.
Sheehan, Henry, & Son, contractors, 1208 Collingswood, Toledo, Ohio.
Sheehan, John R., contractor, Court Ex. Bldg., Bridgeport, Conn.
Sheehan, John W., contractor, 585 Western av, Lynn, Mass.
Sheehan-North Co., masons' mtls., Dept. H, El Paso, Texas.
Sheehan, T. Edw., architect, Tremont Bldg., Boston, Mass.
Sheehan, Wm. G., Constr. Co., 28 De Witt, Albany, N. Y.
Sheehy, James J., & Co., patent attorneys, 918 F, N. W., Washington, D. C. *See adv index at end of book.*
Sheeler-Hemsher Co., fndrs., 811 Fairmont av, Philadelphia, Pa.
Sheen, M. Roy, contractor, 450 W. Wilton, Philadelphia, Pa.
Sheenan, David J., Co., bldg. contrs., 424 B'way, Lynn, Mass.
Sheer Bros. Fence & Iron Co., bank & office railings, 715 E. 103d, Cleveland, Ohio.
Sheer, E., agricultural implements, Lincoln, Ill.
Sheer, H. M., Co., incubators & brooders, Quincy, Ill.
Sheermesser, H. S., machst. & fndr., McKeesport, Pa.

Sheet Metal, trade publication, 15 E. 40th, New York.
Sheet Metal Mfg. Co., stove pipes, etc., H, W. Federal, Youngstown, Ohio.
Sheet Metal Mfg. Co., ventilators, 949 Myrtle av, Brooklyn, N. Y.
Sheet Metal Specialty Co., stove pipe, Follansbee, W. Va.
Sheets Elevator Co., Cleveland, O.
Sheets-Ingersoll Co., contrs., Danville, Ill.
Sheets, J. B., Co., contractors, Kelly & Murtland, Pittsburgh, Pa.
Sheets, Wm. H., Jr., Co., paint brushes, 121 S. Charles, Baltimore, Md.
Sheffield Brick & Tile Co., Sheffield, Ia.
Sheffield By-Products Co., Hobart, N. Y.
Sheffield Car & Equipment Co., Sheffield, Mo.
Sheffield Co., wholesale hardware, Americus, Ga.
Sheffield F. E., excelsior mfs., Mooers, N. Y.
Sheffield Fdry. Co., Clybourn av. & Herndon, Chicago, Ill.
Sheffield Glass Bottle Co., Sheffield, Pa.
Sheffield Iron Corp., blats furnaces, Sheffield, Ala.
Sheffield King Milling Co., feed, 3rd Fl. Cham. Com., Minneapolis, Minn.
Sheffield Machine & Foundry Co., Sheffield, Ala.
Sheffield Mfg. Co., agricultural implements, Burr Oak, Mich.
Sheffield, R. H., turpentine, Blakely, Ga.
Shehan, Geo. C., brick, Asheville, N. C.
Sheinart, Louis A., architect, 194 Bowery, New York
Sheip, Henry H., Mfg. Co., box mfrs., Randolph & Columbia av, Philadelphia, Pa.
Sheip, Jerome H., Inc., lbr., Mobile, Ala.
Sheip & Vandegrift, phono. horns, 814 N. Lawrence, Phila, Pa.
Shelburne Mfg. Co., bobbins, Shelburne, N. H.
Shelby Calendar & Nov. Co., advtg. novelties, Shelbyville, Ind.
Shelby Cotton Mills, Shelby, N. C.
Shelby-Downard Asphalt Co., Ardmore, Okla.
Shelby Fdry. Co., Shelby, Okla.
Shelby Gas Engine Co., mchsts. & fdrs., Shelbyville, Ind.
Shelby Iron Co., Shelby, Ala.
Shelby Lamp Division of G. E. Co., Shelby, Ohio.
Shelby Oil Co., Shelby, Miss.
Shelby Spring Hinge Co., Shelby, Ohio.
Shelby Tractor & Truck Co., farm tractors, Shelby, Ohio
Shelby Wire Co., Shelby, Ohio.
Shelbyville Desk Co., Shelbyville, Ind.
Shelbyville Wardrobe Mfg. Co., furn., Dept. H, Shelbyville, Ind.
Sheldon Axle & Spring Co., Wilkes Barre, Pa.
Sheldon Brick & Bldg. Supply Co., Champaign, Ill.
Sheldon Engine & Sales Co., cement mixer, Waterloo, Iowa.
Sheldon, F. C., Slate Co., roofing slate mfrs., Granville, N. Y.
Sheldon, F. P., & Son, mill engineers, Hospital Trust bldg, Providence, R. I.
Sheldon, G. W. & Co., Rapeseed oils, 8 Bridge, New York
Sheldon, H. Mfg. Co., Dowels, Elkland, Pa.
Sheldon Handle Co., Kinzua, Pa.
Sheldon Hardware Co., cornices & skylights, Janesville, Wis.
Sheldon, J. A., contractor, Olean, N. Y.
Sheldon, Karl H., architect, 127 N. Oak Park av, Oak Park, Ill.
Sheldon, M. A., architect, 110 Sutter, San Francisco, Cal.
Sheldon Mfg. Co., concrete mixers, Nehawka, Neb.
Sheldrake, J. W., canned goods, Harrington, Del.
Sheline, E. R., & Son, wood handles, Edon, Ohio.
Shell Co. of Cal., petroleum, 343 Sansome, San Francisco, Cal.
Shellberg & Lawson, contractors, Jamestown, N. Y.
Shelley, Geo. & Son, machsts. & brass fndrs, Wilkesbarre, Pa.
Shellman Home Mixture Guano Co., Shellman, Ga.
Shelton Bros., machs. & fdrs., Paducah, Ky.
Shelton Elec. Co., dental engines, drink mixers, etc., 30 E 42d, New York
Shelton, J. R., Hdwe. Co., mill & factory sup., Clarksdale, Miss.
Shelton, J. M., architect, Candler bldg, Atlanta, Ga.
Shelton Mills, flour, Chattanooga, Tenn.
Shelton Tack Co., Shelton, Conn. *See adv. index at end of book*
Shelton Tool & Mch. Co., cutlery, jigs & special mchy, Shelton, Conn.
Shelton, W. H. & Son, machs. fdrs., Hot Springs, Ark.
Shelton Water Co., boat cleats, Derby, Conn.
Shelverton, C., contractor. Atlanta, Ga.
Shemer, S., masons' & bldrs.' mtls., 20H S. Exter, Baltimore, Md.
Shenandoah Lime Co., Straasburg Junction, Va.
Shenandoah Packing & Mercantile Co., canned goods, Starkey, Va.
Shenandoah Pulp Co., Harper's Ferry, W. Va.
Shenango Furnace Co., blast, Oliver Bldg., Pittsburgh, Pa.
Shenango Limestone Co., Pittsburgh, Pa.
Shenango Mach. Co., Sharon, Pa.
Shenango Pottery Co., New Castle, Pa.
Shenk Henry Co., contractors, Erie, Pa.
Shiner & Appel, architects, Chamber of Commerce bldg, New Haven, Conn.
Shenton Thos. H., slates, Slatedale, Pa.
Shepard Amos L., patterns & models, Plantsville, Conn.
Shepard, Augustus D., architect, 101 Park av, New York
Shepard Co., Inc., plbrs. supplies, White River Junction, Vt.
Shepard Daniel L., contractor, 46 Cornhill, Boston, Mass.
Shepard Edw. G., wholesale hardware, 102 Chambers, New York
Shepard Elec. Crane & Hoist Co., Montour Falls, N. Y.
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Shepard, Farrar & Wiser, architects, R. A. Long Bldg., Kansas City, Mo.
Shepard, Geo. C., architect—naval, Munsey Bldg., Baltimore, Md.
Shepard, Geo. F., architect, 78 Devonshire, Boston, Mass.
Shepard, H. G., & Sons, auto. bodies, bows, &c., New Haven, Conn.
Shepard, J. J., masons' & bldrs.' matls—firebrick, 1078 River av, N. W., Cleveland, O.
Shepard Lathe Co., machsts., Canal & Jackson, Cincinnati, O.
Shepard Mfg. Co., dry plates, Worcester, Mass.
Shepard & Morse Lumber Co., 201 Devonshire, Boston, Mass.
Shepard Norwell Co., mattresses, 30 Winter, Boston, Mass.
Shepard Paint Co., 19 E. Long, Columbus, Ohio.
Shepard-Traill Co., lumber mfrs., Seattle, Wash.
Shepfer Moomaw Bros., brick, Sugarcreek, O.
Shepherd Bros., brick, Columbus, Ga.
Shepherd Chem. Co., Beech & Highland, Cinn., Ohio.
Shepherd Constr. Co., Wilkes-Barre, Pa.
Shepherd Engng. Co., mchsts. & fndrs., Williamsport, Pa.
Shepherd, Frank H., architect, Framingham, Mass.
Shepherd Lumber Co., Waterloo, Ia.
Shepherd, M. L., machinist, Newark, O.
Shepherd & Rust, elec. light fix. mfrs., Wilkes-Barre, Pa.
Shepherd & Son, architect, Wilmington, O.
Shepherd Supply Co., tin plate, Charleston, S. C.
Shepherd, T. J., lbr., Petersburg, Va.
Sheppard, C. E., Co., loose leaf devices, Spring & Hudson, New York
Sheppard, E. A., stone producers, Pine Bluff, Ark.
Sheppard, Isaac A., & Co., stoves, ranges, etc., Harrison bldg, Phila., Pa.
Sheppard, J. E., Co., counting machines, Worcester, Mass.
Sheppard Mfg. Co., machsts., Louisville, Ky.
Sheppard, W. S., lub. oils & greases, 21 Lawrence, Newark, N. J.
Sher, Louis, ivory buttons, 229 W. 28th, New York
Sherbesman, J. P., contrs.' supplies, etc., 375 Monadnock bldg, San Francisco, Cal.
Sherburne & Co., railway, mill and facty. supplies, 53 Oliver, Boston, Mass.
Sherburne, W. A., lumber, Tyngsboro, Mass.
Sherer, E., lumber, Mapleton, O.
Sherer Robert, & Co., contrs., Pacific Electric Bldg., Los Angeles, Cal.
Sheres, Chas., archt., 460 E. 10th, New York.
Sherick, Harry C., loose leaf devices, 210 E. 4th, Cincinnati, O.
Sheridan Coal Co., The, Omaha, Neb.
Sheridan Commercial Car Co., Harvey, Ill.
Sheridan Green & Co., htg. contrs., Goshen, Ind.
Sheridan Iron Wks., mchsts. & fndrs., Champlain, N. Y.
Sheridan, Jas. & Sons, machsts., Franklin, Pa.
Sheridan, Jno. J. & Co., machsts., Mars. Pa.
Sheridan Lbr. Co., Sheridan, Ore.
Sheridan Milling Co., flour, Sheridan, Ind.
Sheridan Motor Car Co., Muncie, Ind.
Sheridan Packing Co., Sheridan, Ind.
Sheridan Stove Co., Quincy, Ill.
Sheridan T. W., & C. B. Co., paper box, wire stitching & book binders' machy., etc., 434 B'way, New York.
Sheriff Preserve Co., canned, 123 E. Pearl, Cincinnati, Ohio.
Sheriff's Mfg. Co., pro'ler wheels, 235 S. Water, Milwaukee, Wis.
Sherin W. R., Co., carriages, 547 Edison, Milwaukee, Wis.
Sherlock, John J., contrs., 206 Canal, Syracuse, N. Y.
Sherlock, Wm., Mfg. & Bldg. Co., contrs., Syracuse, N. Y.
Sherman, A., Lbr. Co., Grand Cen. Ter., New York
Sherman Bros. Lbr. Co., Houlton, Ore.
Sherman & Co., paper & pulp mill, Belfast, Me.
Sherman Envelope Co., Worcester, Mass.
Sherman, Eugene M., binnacles, compasses & nautical instruments, Bellevue, Wash.
Sherman, G. N. B., & Son, mill & facty. supplies, Newton Hlds., Boston, Mass.
Sherman, H. B. Mfg. Co., brass & bronze castings, etc., Battle Creek, Mich.
Sherman Herbert L., chemists, 12 Pearl, Boston, Mass.
Sherman Hog Greaser Co., oilers, Peoria, Ill.
Sherman, Isaac, contractor, Westerly, R. I.
Sherman, James L., sash, door & blind, New Bedford, Mass.
Sherman, John L., contr., 253 1st av, W. H., New Haven, Conn.
Sherman-Klove Co., auto parts, nuts, screws, etc., 4649 W. Harrison, Chicago, Ill.
Sherman Mfg. Co., clamps & battery con's., Battle Creek, Mich.
Sherman Mfg. Co., cotton duck & canvas, Sherman, Tex.
Sherman-Moore Co., masons' & blds.' matls., Lowell, Mass.
Sherman, N. S., Machy. & Iron Wks., Oklahoma, Okla.
Sherman Preserving Co., Sherman, N. Y.
Sherman, R. A. & Son, contractors, New Benford, Mass.
Sherman, S., & Son, masons' & bldrs.' matls., Poultney, Vt.
Sherman-Stalter Co., contractors, Cleveland, O.
Sherman, W. S., Co., woodworking machy., 495 Clinton, Milwaukee, Wis.
Sherman, Wm. U., contractor, 18 Lyndhurst, Boston, Mass.
Sherman's, R. A., & Sons Co., masons' & blds.' matls., Westerly, R. I.
Shermerhorn Richard, Jr., architect, 347 5th av, New York
Shermund, Henry, architect, Hearst Bldg., San Francisco, Cal.
Sherrill, Chas. L., contractor, Morgan Bldg., Buffalo, N. Y.
Sherill-King Mill & Lumber Co., Paducah, Ky.
Sherrill-Russell Lumber Co., Paducah, Ky.
Sherrill, S. C., contractor, Kearns Bldg., Salt Lake City, Utah.
Sherrill, T. B., contractor, Tampa, Fla.
Sherritt & Stoer Co., Inc., machy. dlrs., 2006 Market, Phila., Pa.
Sherrod, W. L., lbr., Macon, Miss.
Sherwin, E. C., & Son, agricultural implements, Brandon, Wis.
Sherwin Electr. Co., Burlington, Vt.
Sherwin-Williams Co., paints, varnishes, etc., Cleveland, Ohio.
Sherwood Brass Works, brass founders & finishers, 1167 Jefferson E, Detroit, Mich.
Sherwood Bros. lubrg. oils, Garrett bldg, Baltimore, Md.
Sherwood Bros. Mfg. Co., auto truck trailers, vehicles, &c., Canastota, N. Y.
Sherwood Canning Co., Sherwood, Md.
Sherwood Co., school furniture, 1856 W. 14th, Chicago, Ill.
Sherwood, E. C., second-hand railroad equipment, 50 Church, New York.
Sherwood, Hall Co., Ltd., mfrs. sleight knees, Grand Rapids, Mich.
Sherwood, J. F., contractor, Yonkers, N. Y.
Sherwood, J. M. Co., pot cleaners, 154 Chambers, New York
Sherwood, Lorenzo W., htg. contr., 117 Edgecombe av, New York
Sherwood Mfg. Co., lubricators, injectors, cleaners, etc., 1709 Elmwood, Buffalo, N. Y.
Sherwood Metal Working Co., window screens, Syracuse, N. Y.
Sherwood & Snell, fndrs., Middleport, N. Y.
Sherwood, W. L., mach. & fdr., Kirksville, Mo.
Shetucket Co., Denims, Greenville, Conn.
Shevlin-Carpet & Clark Co., lbr., First Nat'l Soo Line Bldg., Minneapolis, Minn.
Shevlin, Edwin C., lbr. mfrs., Spalding Bldg., Portland, Ore.
Shevlin Engng. Co., Inc., grates, 108 W. 34th, New York.
Shevlin-Hixon Co., lumber, Minneapolis, Minn.
Shewan, Jas. & Son, marine boilers, dry docks & marine rys., 1 B'way, New York.
Sheybogan Woodworking Co., sash, door & blind mfr., Sheboygan, Wis.
Shick, Charles & Co., whol. hdwe., Trenton, N. J.
Shiel-Chapin Construction Co., 220 N. Illinois, Indianapolis, Ind.
Shield Waldron & Co., granite, Barre, Vt.
Shields & Bro., wholesale hardware, 521 Market, Phila., Pa.
Shields, C. W., cut glassware, Hawley, Pa.
Shields Carriage Co., Amesbury, Mass.
Shields Cutter Co., 18511 Euclid av, Cleveland, O.

Shields, D. B., lbr., Marienville, Pa.
Shields, E. M., contractor, Chambersburg, Pa.
Shields Foundry Co., Mansfield, Mass.
Shields-Geise Lumber Co., Dawson, Ga.
Shields, J. H., doors, elevator gates, etc., 231 Sycamore, Cincinnati, Ohio.
Shields, John & Sons, brick, Washington, Iowa.
Shields, L. H., canned goods, English, Ind.
Shields, Moses, Sons, stone producers, Nicholson, Pa.
Shields, W. S. P., asphalt miners & refiners, Witherspoon, Bldg., Philadelphia, Pa.
Shiels Bros., cornices & skylights, Riverside, Cal.
Shiels, Chas. F., & Co., lbr. & veneer mfrs., Gest & McLean avs, Cincinnati, Ohio.
Shiely, J. L., Co., contrs., Flat Iron Bldg., St. Paul, Minn.
Shiffer Bros., contractors, Stroudsburg, Pa.
Shilling Fdry. Co., Columbus, Ohio.
Shilling, L. S., architect, Punxsutawney, Pa.
Shilling, W. Walter, architect, Troy, O.
Shilling, Wm. K., architect, Fox Holow Farm on S. T. & P. Ry., Springfield, Ohio.
Shilvey, S. H. & R. H., architects, Fremont, Ohio.
Shimer & Co., Inc., ferro alloys & iron ores, 133H S. 4th, Phila., Pa.
Shimer, J. R. Co., meat packers, Phillipsburg, N. J.
Shimer, McGlynn & Co., fndrs., 19th & Washington av, Philadelphia, Pa.
Shimer, Sam'l J., & Sons, mchsts. & fndrs., Milton, Pa.
Shimmin Harlen E., architect, 203 Euclid av, Cleveland, O.
Shimp, E., Co., canned goods, Hancock's Bridge, N. J.
Shimp & Harris, canned goods, Canton, N. J.
Shiner & Appel, architects, 185 Church, New Haven, Conn.
Shiner & Appel, architects, Chamber of Commerce bldg, Bridgeport, Conn.
Shingler, J. S., & Bros., turpentine, Colquitt, Ga.
Shingler, T. J., & Bros., turpentine, Donaldsonville, Ga.
Shining Light Mfg. Co., greases & oils, Buffalo, N. Y.
Shinola Co., shoe blackening, Rochester, N. Y.
Ship Constr. & Trading Co., Inc., ship bldrs., Etonington, Conn.
Ship Island L'br. Co., Sanford, Miss.
Ship Lbr. Mill Co., Tacoma, Wash.
Shipp, C. C. & Co., heating & ventilating apparatus, Indianapolis, Ind.
Shipley Construction & Supply Co., ice & refrig. machines; ammonia conds. & fittings, etc., Ft. of Warren Brooklyn, N. Y.
Shipley & Co., advtg. novelties, 8 E. Chesnut, Columbus, Ohio.
Shipley Hardware Co., cornices & skylights, Lafayette, Ind.
Shipley Hdwe. Co., steam fitters' supplies, Meyersdale. Pa.
Shipley, J. W., harness, Winston-Salem, N. C.
Shipley, Jas. M., contractor, Anna, Ill.
Shipley, W. E. Machy. Co., Morris Bldg., Philadelphia, Pa.
Shipman, Geo., eyelet machs., West Bridgewater, Mass.
Shipman Mach. Co., Models & Machsts., 218 Summer, Boston, Mass.
Shipman Organ Co., High Point, N. C.
Shipman's, Asa L., Sons, loose leaf devices., 100 Chambers, New York
Shippen Bros. Lumber Co., Ellijay, Ga.
Shipperloc Co., elev. safety devs., 368 Atlantic av, Boston, Mass.
Shippey, Geo. W., contractor, Utica, N. Y.
Shippey, O. E., lumber, Lyle, Wash.
Shippey, Ward G., architect, Glens Falls, N. Y.
Shipway, John H. & Bro., marble, terrazzo flooring, etc., Locust av & 136th, New York.
Shire, Edward I., architect, 373 4th av, New York
Shirer, John W., cornices, Braddock, Pa.
Shirk, A. G., mchsts. & fdrs., Adamstown, Pa.
Shirk, P. E., machinist, Blue Ball, Pa.
Shirk Refrigerator Co., 116 S. Michigan av, Chicago, Ill.
Shirk, Samuel & Son, wholesale hardware, Hanover, Pa.
Shirkey, C. G., architect, 462 blvd., Rockaway Beach, N. Y.
Shirley & Co., silk fringes, 250 W. 54th, New York
Shirley, John E., & Son, contractors, Arlington Heights, Mass.
Shirley Lbr. Co., Shirley Mills, Me.
Shirley Radiator & Fdry. Co., Indianapolis, Ind.
Shivers, Clifford H., architect, Woodbury, N. J.
Shnable & Quinn, contractors, 30 N. La Salle, Chicago, Ill.
Shnyder, J. M., architect, Easton, Pa.
Shockley, Clinton P., architect, Waterloo, Ia.
Shockley, J. C., lumber, West Union, S. C.
Shoe & Leather Reporter, trade publication, 166 Essex, Boston, Mass.
Shoemaker, Benj. H., glass, 205 N. 4th, Philadelphia, Pa.
Shoemaker Coal Mining Co., bituminous, Real Estate Tr. bldg, Philadephia, Pa.
Shoemaker, C. H., Lumber Co., Ocean City, N. J.
Shoemaker, F. A., inspecting & testing engrs., Builders Exchange, Buffalo, N. Y.
Shoemaker, J. M., Son, lbr., Evergreen, Ala.
Shoemaker, Lewis F., & Co., contractors, & steel structural wk., 256 Broadway, New York.
Shoemaker, Lewis F., & Co., steel struc. wk., plates & shapes, 2 S. 15th, Philadelphia, Pa.
Shoemaker, M. L., & Co., fertilizer mfrs., Venango & Del., Philadelphia. Pa.
Shoemaker, Marshall N., architects, 15 Central av, Newark, N. J.
Shoemaker, Robt., & Co., wood fillers, paints, etc., 4th & Race, Philadelphia, Pa.
Shoemaker, Sam'l, contractor, Land Title Bldg., Phila., Pa.
Shoemaker, W. H., & Son, belting mfrs., 36 Vesey, New York.
Shoemaker's, J. B., Sons, packing box mfrs., Front & E, Philadelphia, Pa.
Shoof, Auslin H., contractor, Canton, Ohio.
Shoffner Bros., contrs., Norristown, Pa.
Sholder-Excel Mfg. Co., ammeters & voltmeters, Clyde, Ohio.
Sholes, E. Roy, architect, 16 Exeter av, Buffalo, N. Y.
Sholler, F. J., architect, Altoona, Pa.
Shonberg, L., scrap brass & copper, 122 Flushing av, Bklyn, N .Y.
Shone Co., sewage ejectors, 231 Institute pl, Chicago, Ill.
Shoninger, B., Co., organs & pianos, New Haven, Conn.
Shoninger, B., Co., pianos, 505 5th av, New York.
Shonk, Chas. W., Co., advertising signs, 76 Wash. blvd., Detroit, Mich.
Shank, Charles W., Co., adding machines, Maywood, Ill.
Shons, Wm. H., contractor, Freeport, Ill.
Shook & Fletcher Supply Co., machy. dlrs., R. R. equipments, etc., Birmingham, Ala.

Shook, Ira E., masons' & bldrs.' matls., Stoney Ridge, Ohio.
Shook, Wilbur B., architect, Pythian, Indiapolis, Ind.
Shoop Bronze Co., castings, etc., Tarentum, Pa.
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Shoop, Henry B., architect, 14th & Walnut, Harrisburg, Pa.
Shopbell, Clifford, & Co., architects, Furniture Bldg., Evansville, Ind.
Shope Brick Co., mantel brick, 3952 14th av, Seattle, Wash.
Shopp, W. A., & Co., pump governors, New Castle, Indiana.
Shore & Dodge, architects, 608 Chestnut, Philadelphia, Pa.
Shore Instrument & Mfg. Co., The, scientific instrument mfrs., Jamaica, N. Y.
Shore, W. A., & Co., fertilizer, Baldwin, Ga.
Shorey, D. C., Brick & Supply Co., 1403 Un. Tr. Bldg., Cincinnati, Ohio.
Short, B. E., contractor, Sioux City, Ia.
Short, Chas. W., Jr., architect, 25 W. 44th, New York
Short Creek Coal Co., 1st Natl. Bank bldg, Pittsburgh, Pa.
Short Electrical Mfg. Co., flexible conducts, Penn Yan, N. Y.
Short, F., Co., contractors, Louisville, Ky.
Short W. P. Eyeglass frames & fittings, 103 Chestnut, Newark, N. J.
Short, John H., & Sons, sash, door & blind mfrs., 5 Uhler, Baltimore, Md.
Short-Minaugh Contg. Co., consulting engnrs., 26 N. Des Plaines, Chicago, Ill.
Short Turn Tractor Co., Globe Bldg., Minneapolis, Minn.
Shortsville Wheel Co., Shortville, N. Y.
Shotten, Thos., Cut Glass Wks., 345 Eldert, Brooklyn, N. Y.
Shotwell Mfg. Co., corn poppers, 1021 W. Adams, Chicago, Ill.
Shotwell Pump & Tank Co., oil storage systems, 21 N. Alabama, Indianapolis, Ind.
Shoultz, A. H., architect, Watertown, S. Dak.
Shourds, Dalton B., architect, Tribune Bldg., Terre Haute, Ind.
Shourds-McCormick Co., architects., Terre Haute, Ind.
Shover, Eugene F., contractor, Poughkeepsie, N. Y.
Showalter, S. C., & Son, canned goods, Troutville, Va.
Showell Mfg. Co., canned goods, Showell, Md.
Shower, Wm. H., machst. & fndr., Manchester, Md.
Showers Bros. Co., furniture, Dept. H, Bloomington, Ind.
Shoyer, D. W., & Co., hammock mfrs., 394 B'way, New York.
Shoyer, D. W., & Co., sweaters, cardigans, etc., 30 Main, Brooklyn, N. Y.
Shpisman, Marcus, architect, 112 W. 9th, Los Angeles, Cal.
Shrader Bros., contractors, Louisville, Ky.
Shrauger & Johnson, lightning rods, Atlantic, Ia.
Shredded Wheat Co., Niagara Falls, N. Y.
Shreffler, S., carriages, Shelby, Ohio.
Shreve, Crump & Low Co., elec. fix., 147 Tremont, Boston, Mass.
Shreve, R. H., architect, 52 Vanderbilt av, New York.
Shreve, W. A., & Co., masons' & bldrs.' matls., Bordentown, N. J.
Shreveport Blow Pipe & Sheet Iron Wks. (Ltd.), shavings collecting systems, Shreveport, La.
Shreveport Brick & Tile Co., Shreveport, La.
Shreveport Creosoting Co., Louisville, Ky.
Shreveport Fertilizer Works, Shreveport, La.
Shreveport Lumber Co., Shreveport, La.
Shreveport Mattress Co., Shreveport, La.
Shreveport Saddlery Co., Shreveport, La.
Shrewsbury, H. H., lumber, Sedro Woolley, Wash.
Shrewsbury & Washburn, flour mills, Caneyville, Ky.
Shriver, B. F., Co., canned goods, Westminster, Md.
Shriver, T., & Co., piano plates, machsts. & fndrs., Harrison, N. J.
Shroeder Paint & Glass Co., 119 Cadillac sq, Detroit, Mich.
Shrum, Andrew L. Co., contrs., Clarksburg, W. Va.
Shryock, J. K., see Dyson Paper Board Co. (successors).
Shryock, Theo., J., & Co., lbr., 717 S. Caroline, Baltimore, Md.
Shucker & Shindel, soap, Lebanon, Pa.
Shuee-Bahls Hardware Co., Lafayette, Ind.
Shuer-Woodruff Iron & Metal Co., scrap iron & steel, Toledo, O.
Shuff, Sam, furn., 935H Bedford av, Brooklyn, N. Y.
Shufflebarger, E. L., architect, Bluefield, W. Va.
Shufflebarger, F. N., architect, Dublin, Va.
Shugers Mfg. Co., auto tops, Los Angeles, Cal.
Shuler & Benninghofen, blankets, etc., Hamilton, Ohio.
Shuler, W. S., Spring Co., Amsterdam, N. Y.
Shull Co., switchboard, Conduit rd & Eliot, N. W., Washington, D. C.
Shull, J. & W. C., sash, door & blind dealers, Adrian, Minn.
Shull, W. A., razor strops, 142 N. 4th, Philadelphia, Pa.
Shults, H. H., Co., post office equipments, Gowanda, N. Y.
Shultz All Steel Corner Post Co., store front const., St. Joseph, Mo.
Shultz Belting Co., mill & facty supplies, 149 N. 4th, Phila., Pa., & Bismarck & Barton, St. Louis, Mo.
Shultz-Goodwin Co., silk tassels, 31 Lincoln, Boston, Mass.
Shuman, C. F., cornices & skylights, Charlotte, N. C.
Shuman, Frank G., labels, envelopes, tags, etc., 216 N. Clinton, Chicago, Ill.
Shuman, I. J., machsts., Rockland, Me.
Shumate Razor Co., 706 Chestnut, St. Louis, Mo.
Shumway, C. W., & Son, machsts. & fndrs., Batavia, Ill.
Shunk Plow Co., Bucyrus, Ohio.
Shupe, Harry L., architect, Marshall Bldg., Cleveland, Ohio.
Shupp, Homr, wagon spokes, Effort, Pa.
Shurloc Elevator Safety Co., 127 White, New York.
Shurtleff, Arthur A., landscape arch., 89 State, Boston, Mass.
Shuster, F. B., Co., wire straightening & cutting machines & riveting machy, mfrs., Cedar Hills, New Haven, Conn.
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Shuster Plumbing Supply Co., Willow & Franklin, Phila., Pa.
Shutkind, Richard, architect, 63 Park Row, New York.
Shutter, S. Z., sash, door & blind mfrs., 25th cor Grand, Kansas City, Mo.
Shuttle Mach. Co., 18 E. 17th, New York.
Shuttleworth, Edwin, Co., stone prod., Vernon av, Long Island City, N. Y.
Shuttleworth, Keiller & Co., paper bags, folding boxes, 474 W. B'way, New York.
Shutts & Morrison, architects, Marine Bank Bldg., Erie, Pa.
Shuttuck, Edinger, Co., contrs., March-Strong Bldg., Los Angeles, Cal.
Shwab Bros. Co., plumbers' wood wk., 811 E. 9th, New York.
Shwayder Trunk Mfg. Co., Denver, Colo.
S. H. Supply Co., machsts. & fndrs., Beaumont, Tex.
S. & I. Co., hdwe. mfrs., auto machy. & screw machy. products, Springfield, Mass.

Sias & Son, contrs., Dept. H, Oak Park, Ill.
Sibbel, Jos., marble altars, 214 E. 26th, New York.
Sibbett Fdy. & Iron Wks., Wichita, Kan.
Sibert & Robinson, contrs., Augusta, Ga.
Sibley Coll. of Engn., engng. schools & coll., Ithaca, N. Y.
Sibley, E. L., Mfg. Co., machsts., Bennington, Vt.
Sibley, Ernest, architect, Palisade, N. J.
Sibley, F. M., Lumber Co., masons' & bldrs.' matls., Kercheval & Beaufait, Detroit, Mich.
Sibley, Gideon, dental chairs & engines, 1214 Filbert, Phila., Pa.
Sibley Hardware Co., South Bend, Ind.
Sibley, J. B., & Son, mill & facty. supplies, Ware, Mass.
Sibley, J. E. & Son, contrs., Antioch, Ill.
Sibley, Jas. T., Jr., architect, 122 E. 25th, New York
Sibley Lumber Co., Macon, Ga.
SIBLEY MACHINE CO., drilling machine mfrs., 70 Tutt, South Bend, Ind.
Sibley Pitman Elec'l Corp., batteries, lamps, meters, etc., 190 6th av, New York.
Sibley Scythe Co., North Newport, N. H.
Sibley Soap Co., Franklin, Pa.
Sibley Stove Co., fndrs., South Bend, Ind.
Sibley Upright Drill Co., drilling machy., South Bend, Ind.
Sibly Mfg. Co., cotton duck & canvas, Augusta, Ga.
Sicard Tool Co., rivet sets, 117 Lawrence, Hackensack, N. J.
Sicilian Asphalt Paving Co., 41 Park row, New York.
Sickels, H. P., Co., contractors, Rochester, N. Y.
Sickels-Loden Co., wholesale hdwe., 56 Murray, New York.
Sickels & Preston Co., wholesale hdwe., Davenport, Ia.
Sicking, Barnard, machsts., 1931 Freeman av, Cincinnati, Ohio.
Sickles, J. B., Saddlery Co., 2100 Washington, St. Louis, Mo.
Sicklesteel Lumber Co., 116 Forman av, Detroit, Mich.
Sidbury Lumber Co., Corpus Christi, Tex.
Siddons, John, Co., store fronts, Rochester, N. Y.
Sidebotham, John, Inc., tapes & webbing for dynamos, etc., 4317 Griscom, Phila., Pa.
Sidebottom, William, architect, 101 Tremont, Boston, Mass.
Sidells, Byron T., architect, Warren, Ohio.
Sider Bros., corn brooms, 1245 W. 14th pl, Chicago, Ill.
Sider, H., & Son, corn brooms, 1311 Blue Island av, Chicago, Ill.
Side Weight Horse Shoe Co., mechanic, Hartford, Conn.
Sidmar, Inc., cotton webbing, Chelsea, Mass.
Sidney Elevator Mfg. Co., Sidney, Ohio.
Sidney Mfg. Co., auto. metal bodies, Sidney, Ohio.
Sidney Spec. & Nov. Co., window screens, Sidney, N. Y.
Sidney Steel Scraper Co., barrows, road machinery, etc., Sidney, Ohio.
Sidney Machine Tool Co., woodworking machinery, Sidney, Ohio
Sidi Co. of America, Silica, 37 Murray, New York.
Sidway Mercantile Co., manufacturers of collapsible baby carriages & furniture, Elkhart, Ind.
Sidwell, C. W., & Son, machsts. & fndrs., Delta, Pa.
Siebe, Gorman & Co., Ltd., mine rescue apparatus, Monadnock Bldg., Chicago, Ill.
Siebel, J. E., & Sons Co., chemists, 962 Montana, Chicago, Ill.
Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.
Siebenbrod, Otto, Co., metal specialties, 24 S. Clinton, Chicago, Ill.
Sieber, F. C., soap, Harrisburg, Pa.
Sieber Products Mfg. Co., loose leaf binders, 4000 Laclede av, St. Louis, Mo.
Siebert Bros., meat packers, Yonkers, N. Y.
Siebert, W. C., contractor, 366 42d, Pittsburgh, Pa.
Siebler, W. F., contractor, Easton, Pa.
Siebert, Victor E., architect, Walla Walla, Wash.
Siebold, F. A., & Son, contractors, 64 N. Raleigh, Chicago, Ill.
Siebold, J. H. & G. B., printing inks, bronze powders, 21 W Houston, New York.
Siebrand, Carl, architect, Nor. Life Bldg., Seattle, Wash.
Siedhoff, Geo. H., Construction Co., Finance Bldg., Kansas City, Mo.
Siefert, Aug., Hardware Co., cornices & skylights, Reedsburg, Wis.
Siefert, J. A., contractor, Youngstown, Ohio.
Sieffert Elec. Co., junction boxes, Evansville, Ind.
Sieg Co., mill & facty. supplies, whol. hwe., Davenport, Ia.
Sieg, John A., brick, tile, drain. Marshalltown, Ia.
Sieg & Mandenville, architects, Rand Bldg., Memphis, Tenn.
Siegel, Abram, architect, 259 Baden, Rochester, N. Y.
Siegel-Heschinge Packing & Provision Co., meat, 36th pl, & Gage, Chicago, Ill.
Siegel, Rothschild & Co., umbrella mfrs., Howard & W. Baltimore, Baltimore, Md.
Sieger & Son Mfg. Co., roofing slate mfrs., Slatington, Pa.
Siegle, G., Co., color mfrs. & imptrs., red oil, Rosebank, N. Y.
Siegler, Wm. & Son, clamp nails, 115 S. Clinton, Chicago, Ill.
Siegrist, B. F., flushing valves, 263 Laurel, Buffalo, N. Y.
Siemer Milling Co., flour, Teutopolis, Ill.
Siemon & Elting, color mfrs., 99 Nassau, New York.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Siems-Carey Co., bldg. contrs., Ger. Life Bldg., St. Paul, Minn.
Siems, Carey-H. S. Kerbaugh, contrs., 120 B'way, New York.
Siemund Wenzel Elec. Welding Co., 30 Church, New York.
Siepel-Kuhlman Co., architects, Williamson Bldg., Cleveland, O.
Sier-Bath Co., gears, 143 W. 54th, New York.
Sierer, J., Sons, furniture, Dept. H, Chambersburg, Pa.
Sierks, Henry, architect, 180 N. Dearborn, Chicago, Ill.
Sierra Nevada Wood & Lumber Co., San Francisco, Cal.
Siess, A. C., cornices, Dobbs Ferry, N. Y.
Siever Hardware Co., Keyser, W. Va.
Sievering, Philip, plating works, 408 Broome, New York.
Sievers, Jasper, contr., Rock Island, Ill.
Sievert Torch Co., blow torches, 15 Beacon, Boston, Mass.
Sieverkropp Engine Co., Racine, Wis.
Siewek Bros. Co., jigs, 75 E. Baltimore av, Detroit, Mich.
Siewers, Richard A., lumber mfrs., contr., 604 W. Canal, Richmond, Va.
Siewert Colleson Co., contrs., 3865 Meliske, av, Chicago, Ill.
Siewert & Engstrom, contrs., Salem, Ore.
Sightler, L. H., turpentine, Andalusia, Ala.
Sigler, Wm. T., sash, door & blind mfr., Luke, Md.
Sigley, Wm. H., gasoline funnels, Sylvan Grove, Kans.
Sigman Furniture Mfg. Co., mattresses, Chickasha, Okla.
Sigman, M. L., cooperage stock, Monticello, Ark.
Sign Ad. Co., Geneva, N. Y.
Signal Accessories Corp., railroad specialties mfrs., Utica, N. Y.
Signal & Control Co., whistles, 161 Washington, New York.
Signal Motor Truck Co., 899 Connors Ck, Detroit, Mich.
Signalite Mfg. Co., see Jones, MacNeal & Co. (successors).
Signalphone Alarm Co., tel. & apparatus, Milwaukee, Wis.
Sign-O-Graph Mfg. Co., electric illuminated signs, 431 S. Dearborn, Chicago, Ill.
Signode System, Inc., bale tie fasteners, etc., 108 W. Lake, Chicago, Ill., & 33 Union sq W., New York.
Signor, Ralph L., architect, Plattsburg, N. Y.
Sigourney Tool Co., machsts., Hartford, Conn.
Sigwalt Mfg. Co., seal presses, 3658 Armitage, Chicago, Ill.
Sigwart & Rolston, machy., 341 2d av, Pittsburgh, Pa.
Sikes Co., chairs, 23d & Passyunk av, Philadelphia, Pa.
Sikes Consolidated Chair Co., 30 E. 42d, New York.
Sikes Hay Press Co., Ocilla, Ga.
Sikes, S. R. Co., mill & facty. supplies, 1030 S. 3d, Minneapolis, Minn.
Silberman, Morris, & Son, scrap iron & steel, 2418 B'way, Cleveland, Ohio.
Silberstein, A. L., cutlery & razor mfrs., 600 W. 157th, New York.
Silberstein, M. B., architect, 119 Springfield av, Newark, N. J.
Siler City Milling Co., Siler City, N. C.
Siler Mill Co., shooks box, Raymond, Wash.
Siletz Lbr. & Logging Co., 705H Northwestern Bank Bldg., Portland, Ore.
Silex Co., coffee filters & percolators, 45 High, Boston, Mass.
Silica Brick & Clay Co., Denver, Colo.
Silican Products Co., sand producers, Lancaster, Pa.
Silkworth, Chas. E., Jr., architect, 258 B'way, New York.
Sill, Buckler & Fenhagen, archts., 11 E. Pleasant, Baltimore, Md.
Sill, Buckler & Fenhagen, architects, 819E Franklin, Richmond, Va.
Sill, Howard, architect, 11 E. Pleasant, Baltimore, Md.
Sill Stove Works, Rochester, N. Y.
Sillcocks-Miller Co., car seats & material, bathroom fixtures, South Orange, N. J.
Siller Bros., contractors, Sacramento, Cal.
Sillers, John S., contractor, 2020 Alter, Philadelphia, Pa.
Silliman & Godfrey Co., masons' & bldrs.' matls., Bridgeport, Conn.
Silo Specialty Mfg. Co., Clinton, Ia.
Silsbee, J. R., architect, Elyria, Ohio.
Silsby Stove & Queensware Co., fndrs., Springfield, Mo.
Silver Aluminum Metal Co., castings, 294 Taaffe pl, B'klyn, N. Y.
Silver Metal Mfg. Co., white metal alloys, 21 E. 40th, New York
Silver Beach Shingle Co., lumber, Bellingham, Wash.
Silver, C. B., canned goods, Havre De Grace, Md.
Silver Carriage Co., Oneida, N. Y.
Silver City Cut Glass Co., Meriden, Conn.
Silver & Co., silverware, 304 Hewes, Brooklyn, N. Y.
Silver Constr. Co., 411 E. 8th, New York.
Silver Creek Colliery Co., Monmouth, Ill.
Silver Creek Sand Co., Silver Creek, N. Y.
Silver Crown Disk Co., 1457 B'way, New York.
Silver Falls Timber Co., Silverton, Ore.
Silver, Geo. O., canned goods, Havre de Grace, Md.
Silver, H., & Son, machsts., Ogdensburg, N. Y.
Silver Lake Co., cordage & twine, Newtonville, Mass.
Silver Lake Mfg. Co., lbr., Maplefalls, Wash.
Silver Lake Railway & Lumber Co., Castle Rock, Wash.
Silver Mfg. Co., agricultural implements, etc., Salem, Ohio
Silver State Elec. Co., 222 15th, Denver, Colo.
Silver, W. F., canned goods, Havre de Grace, Md.
Silverman, H., & Co., scrap iron, 421 So. Clinton, Chicago, Ill.
Silverstein, H., architect, 783 Jefferson av, Brooklyn, N. Y.
Silverthorne Lbr. Co., North Tonawanda, N. Y.
Silverton Blow Pipe Co., 109H W. Main, Silverton, Oreg.
Silverton Lbr. Co., Silverston, Ore.
Silvestro Co., elec. & gas light fixtures, 4149 Pk. av, New York.
Silvey Elec. Co., lamps & storage batteries, Dayton, Ohio.
Sim, Chas., contractor, Rosemont, Pa.
Sim, Geo., machsts., 421 S. Clinton, Chicago, Ill.
Simberg, A. J., architect, 757 Trinity av, New York.
Simcox, Jos. H., fndrs., Cohoes, N. Y.
Sime, John, contrs., Springfield, Ill.
Simmers & Campbell, granite, St. Cloud, Minn.
Simes Co., elec. & gas light fixtures, 22 W. 15th, New York.
Seminole Mfg. Co., cotton sheetings, Clearwater, S. C.
Simison, David D., buckwheat flour, Volant, Pa.
Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.
Simmons, Aaron T., architect, Bloomington, Ill.
Simmons, B. Stanley, architect, District Natl. Bang bldg, Washington, D. C.
Simmons, Benj. I., lbr., Charleston, S. C.
Simmons Co., bedstead mfrs., Kenosha, Wis.
Simmons Co., children's cradles, 1347 Michigan, Chicago, Ill.
Simmons Constr. Corp., Dept. H, Charlotte, N. C.
Simmons, Dennis, Lbr. Co., Williamston., N. C.
Simmons Dick, Co., contrs., Bloomington, Ill.
Simmons Foundry & Mach. Wks., Monongahela, Pa.
Simmons, H. C., Sons, steam & hot water heaters, North Bennington, Vt.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Simmons, James H., lumber mfrs., Sherman, N. Y.
Simmons, John, Co., steam fitters' & plumbers', mill & facty. supplies—jobbers, 110 Centre, New York.
See adv. index at end of book
Simmons Machine Co., Inc., universal tool & cutter grinders, etc., 987 Broadway, Albany, N. Y.
Simmons, Malcolm G., architect, Gunter Bldg., San Antonio, Tex.
Simmons Mfg. Co., auto parts, 3405 Perkins av, Cleveland, Ohio.
Simmons Mfg. Co., needles & pins, 77 & Lyons av, Phila., Pa.
Simmons, N., advtg. nov. & spec., 13 University pl, New York.
Simmons, Oren J., contrs., Marion, Ind.
Simmons, P. M., architect & contractor, 18 S. Market, Johnstown, N. Y.
Simmons Pipe Bending Wks., steam fitters' supplies, 40 Mechanic, Newark, N. J.
Simmons, R. L., Co., canned goods, Andrews, Md.
Simmons, S. G., & Bros. Co., lbr, mfrs., Wilmington, Del.
Simmons & Sons, machsts., S. 7 Madison, Spokane, Wash.
Simmons, Thos. W., & Co., imps. bristles, oils, rattan, 240 California, San Francisco, Cal.
Simmons, J. M., & Co., game boards, 530 S. Peoria, Chicago, Ill.
Simmons, W. H., & Co., machsts., 208 Lawrence, Cincinnati, O.
Simmons Wood Working Co., Williamsport, Pa.
Simms, Albert G., contr., Lake Village, Ark.
Simms Fdry. Co., grey iron & semi-steel castings, Racine, Wis.
Simms Magneto Co., machsts., East Orange, N. J.
Simms, W. W., Co., sashes, doors & blinds, Wilson, N. C.

Simon, A., Iron Co., scrap iron, Lansing, Mich.
Simon August, machsts., Oil City, Pa.
Simon's Brick Co., Pasadena, Cal.
Simon Bros., plbrs.' supplies, 981 Mission, San Francisco, Cal.
Simon, Emil J., wireless instruments, 217 B'way, New York.
Simon, Geo. (Est. of), mchsts. & fndrs., New Iberia, La.
Simon, J., & Co., cocoanut oil, 18 Broadway, New York.
Simon, Jno. W., & Son, machsts. & fndrs., Hopewell, Pa.
Simon, Louis A., archt., office of supervising archt., Treasury Dept., Washington, D. C.
Simon, M. A., architect, 487 B'way, New York.
Simon, M. R., architect, 1474 Putnam av, Brooklyn, N. Y.
Simon, Omer, machsts., 4030 Filbert, Philadelphia, Pa.
Simon Packing Co., meat packers, Youngstown, Ohio.
Simon, R. & H., Co., silk goods mfrs., 254 4th av, New York, & Town of Union, N. J.
Simon, S. C., & Co., trunks, 404 Brown, Philadelphia, Pa.
Simon, W. H., architect, Eldorado, Kans.
Simon & Mills, heavy hdwe., 25 Leonard, New York.
Simon & Simon, architects, 249 S. Juniper, Phila., Pa.
Simonds File Co., Fitchburg, Mass.
Simonds, G. S., & Co., see Vulcan Fuel Economy Co. (successors).
Simonds Htg. & Spec. Co., 90 Park pl, Detroit, Mich., & Grand Rapids, Mich.
Simonds Mchy. Co., mill & facty. supplies, 117 New Montgomery, San Francisco, Cal.
Simonds Mfg. Co., machinists, Liberty & 25th, Pittsburgh, Pa.
Simonds Mfg. Co., saws of all kinds for wood & metal cutting, machine knives, files, sheet & bar steel, mfrs., Fitchburg, Mass. *See adv. index at end of book.*
Simonds Mfg. Co., Ltd., mill & facty. supplies, 420 Canal, New Orleans, La.
Simonds Mfg. Co., mill & facty. supp., San Francisco, Cal.
Simonds, Warren J., architect, Marlboro, Mass.
Simonin's, C. F., Sons, degreasing, Tioga & Belgrade, Phila., Pa.
Simons, A. A., & Son Co., machine knives, etc., Dayton, Ohio.
Simons Albert, architect, Charleston, S. C.
Simons Brick Co., Los Angeles, Cal.
Simons, Brittan & English, Inc., architects, Magie Bldg., Pittsburgh, Pa.
Simons Bros., contractors, Scranton, Pa.
Simons Bros. Co., thimbles, 618 Chestnut, Philadelphia, Pa.
Simons & Co., trunks, 700 Arch, Philadelphia, Pa.
Simons, C. A., contr., Fort Scott, Kan.
Simon's, F. A., Bros., fertilizer mfrs., Maud, Pa.
Simons-Leedle Co., hot air furnaces, Marshall, Mich.
Simon's, M., Sons, sash, door & blind, Robinson & Anderson, Pittsburgh, Pa.
Simons, Mayrant, Co., contractors, Charleston, S. C.
Simons, T. B., Mercantile Co., Coleman, Mich.
Simons, V. D., mill engrs., 39 S. La Salle, Chicago, Ill.
Simonsen Iron Works, shears, hand power, Sioux Rapids, Iowa.
Simonson, B. Hustace, architect, 315 5th av, New York.
Simonson Bros. Mfg. Co., sash, door & blind, 1733 S. 7th, Minneapolis, Minn.
Simonson, J. T., & Co., mchsts. & fndrs., Muskegon, Mich.
Simonson, Otto G., architect, Md. Casualty Tower, Baltimore, Md.
Simonson, R. A., & Co., filing cabinets & devices, 122 S. Michigan av, Chicago, Ill.
Simpkins, Wm. H., contractor, 3005 Olive, St. Louis, Mo.
Simple Account Salesbook Co., Fremont, Ohio.
Simplex Aircraft Co., aeroplanes & supplies, New Haven, Conn.
Simplex Auto. Co., machsts, 755 5th av, New York.
Simplex Automobile Co., New Brunswick, N. J.
Simplex Automobile Corp., 60 Broadway, New York.
Simplex Brooder Stove Co., Grand Rapids, Mich.
Simplex Chemical Co., soap, 31 W. Lake, Chicago, Ill.
Simplex Concrete Piling Co., 3400 Disston, Philadelphia, Pa.
Simplex Electric Heating Co., Cambridge, Mass.
Simplex Ejector Co., sewage ejectors, 1050 W. Randolph, Chicago, Ill.
Simplex Farm Ditcher Co., Owensboro, Ky.
Simplex Foundation Co., 3400 Disston, Philadelphia, Pa.
Simplex Fdy. Co., aluminum castings, Columbus, Ohio.
Simplex Heating Specialty Co., steam heat. spec., Lynchburg, Va.
Simplex Innstruction Co., thermometers, 320 Market, Newark, N. J.
Simplex Interior Telephone Co., 217 W. 3d, Cincinnati, Ohio.
Simplex Letter Opener Co. See O. K. Manfg. Co. (successor).
Simplex Magneto Co., Inc., elec. instruments & igniters, 1790 Broadway, New York.
Simplex Mfg. Co., automobile engine starters, Anderson, Ind.
Simplex Mfg. Co., electric tools, Newtonville, Mass.
Simplex Mfg. Co., leather washers, 10-12 Garden, Auburn, N. Y.
Simplex Mfg. Co., plumbing cocks, 90 Siliman av, Bridgeport, Conn.
Simplex Mfg. Co., roof flanges, 313 S. Clinton, Chicago, Ill.
Simplex Paper Co., Palmyra, Mich.
Simplex Photo Products Co., arc lamps, searchlights, Port Richmond, N. Y.
Simplex Player Action Co., Worcester, Mass.
Simplex Safety Apparel Co., asbestos gloves, 136 N. Wells, Chicago, Ill.
Simplex Short-Turn Trailer Co., auto truck trailers, Auburn, Ind.
Simplex Time Recorder Co., time recorders, Gardner, Mass.
Simplex Tool Co., lathe chucks, Woonsocket, R. I.
Simplex Tool & Supply Co., mill & facty. supplies, 127 Oliver, Boston, Mass.
Simplex Tractor Co., 1611 Central av, Minneapolis, Minn.
Simplex Typewriter Co., 644 1st av, New York.
Simplex Vacuum Mfg. Co., bottles, 1729 Philip, Phila., Pa.
Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
Simplex Window Co., 525 Market, San Francisco, Cal.
Simplex Wire & Cable Co., insulated wires & cable mfrs., 201 Devonshire, Boston, Mass.
Simpson, A. J., & Son Co., carriages, Omaha, Neb.
Simpson, A. W., architect, Upper Montclair, N. J.
Simpson, Albert J., cornices, 233 Clinton av, Newark, N. J.
Simpson, Alex. E., wire connectors, 152 E. 53d, New York.
Simpson Anchor Co., Niagara Falls, N. Y.
Simpson Bros., machinery, Portsmouth, Ohio.
Simpson Bros. Corp., contractors, 166 Devonshire, Boston, Mass.
Simpson & Bruce, architects, 31 Clinton, Newark, N. J.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.
Simpson, C. A., whol. hdwe., Troy, Ala.
Simpson, Chas. W., & Co., contractors, 208 Frederick, Baltimore, Md.
Simpson, Clapp & Co., lbr., 42 Whitehall, New York.
Simpson Construction Co., 133 W. Washington, Chicago, Ill.
Simpson County Mills, flour, Franklin, Ky.
Simpson & Doeller Co., label mfrs., 2800 Preston, Baltimore, Md.
Simpson, E. B., architect, Hempstead Turnpike, Brooklyn, N. Y.
Simpson, Eugene A., archl. iron, 88 Broad, Boston, Mass.
Simpson Foundry Co., Newark, Ohio.
Simpson, Frank B., architect, Raleigh, N. C.
Simpson Garage & Machine Co., Newark, Ohio.
Simpson, Geo., naval architect, 17 Battery pl, New York.
Simpson Gray Lumber Co., Stockton, Cal.
Simpson, H. W., architect, Board of Trade Bldg., Norfolk, Va., & Newport News, Va., & Newbern, N. C.
Simpson, Hall, Miller & Co., table silverware, Wallingford, Conn.
Simpson, Horace G., archt., French Bank Bldg., San Fran., Cal.
Simpson, Jas. C., & Co., lumber, Galesburg, Ill.
Simpson, Jno., architect, 430 48th, Brooklyn, New York.
Simpson, John, mach. & fdr., Fairbury, Neb.
Simpson, John & Son, contractors, Sunbury, Pa.
Simpson Logging Co., lumber, Shelton, Wash.
Simpson Mfg. Co., R. A., creamery spec., 4402 Market, Oakland, Cal.
Simpson & McClure Lumber Co., Galesburg, Ill.
Simpson Mercantile Equipment Co., machsts., Northville, Mich.
Simpson-Orville Co., flour mill machinery, Cincinnati, Ohio.
Simpson Packing Co., canned goods, Trappe, Md.
Simpson, Percy K., architect, Carthage, Mo.
Simpson-Pirnie Granite Co., San Diego, Cal.
Simpson, Ralph H., Co., contractors, structural steel & ornamental iron, 166 W. Randolph, Chicago, Ill.
Simpson, Robert, tubular boilers, 220 Russell, Brooklyn, N. Y.
Simpson, Thos., brick, Columbia, Tenn.
Simpson, W. A. J., & Son, contractors, Gallatin, Tenn.
Simpson, Washington, archl. iron, 919 S. 46th, Phila., Pa.
Simpson, Wm., Construction Co., Marsh-Strong Bldg., Los Angeles, Cal.
Simpson, Wm. S., mason & bldrs.' mtls., Marion, Ind.
Simpson's Dry Dock Co., E. Boston, Mass.
Simpsonville Cotton Mills, fertz. mfrs., Simpsonville, S. C.
Simpsonville Oil Mill, cottonseed mead, Simpsonville, S. C.
Simpton, H. E., & Co., wall beds, 578 Monadnock Bldg., San Francisco, Cal.
Sims, Benj. G., contractor, Montclair, N. J.
Sims Cereal Co., cereal foods, 426 Central av, Minneapolis, Minn.
Sims Co., water heaters, 18th & Whitley, Erie, Pa.
Sims, H. C., coffins, caskets, etc., Richmond, Va.
Sims, W. H., architect, Magee Bldg., Pittsburgh, Pa.
Sinclair & Bessey, cornices & skylights, Sacramento, Cal.
Sinclair, Fred W., contractors, 1629 Winter, Philadelphia, Pa.
Sinclair, H. P., & Co., cut glass, Corning, N. Y.
Sinclair Island Canning Co., Urban, Wash.
Sinclair Quarry & Const. Co., contrs., Syndicate Tr. Bldg., St. Louis, Mo.
Sinclair Refining Co., petroleum & its products, Conway Bldg., Chicago, Ill.
Sinclair Refining Co., oils & greases, Albany, N. Y.
Sinclair Riegler Co., contractors, 327 E. 41st, New York.
Sinclair, S. B., architect, Oskaloosa, Iowa.
Sinclair-Scott Co., hdwe. & machy. mfrs., Wells & Patapsco, Baltimore, Md.
Sinclair, T. M., & Co., Ltd., meat packers, Cedar Rapids, Iowa.
Sinclair & Valentine Co., color mfrs., 611 W. 129th, New York.
Sinclaire, H. P., & Co., cut glassware, Corning, N. Y.
Sindle, H. S., felts-wood, Little Falls, N. J.
Siner, H. M., & C. B., brick, Nicetown la & K., Phila., Pa.
Singack Brick Co., Little Falls, N. J.
Singer, A. L., & Co., employees' uniforms, 367 W. Adams, Chicago, Ill.
Singer Bros., advtg. nov., 82 Bowery, New York.
Singer Knitt'g Mills, sweaters, cardigans, etc., 251 Varet, Brooklyn, N. Y.
Singer, M., & Sons, furniture, 23H Elizabeth, New York.
Singer Mfg. Co., iron rolling mills, Elizabeth, N. J.
Singer Mfg. Co., Musconetcong Iron Wks., blast furnaces, Stanhope, N. J.
Singer Motor Co., 102 West End av, New York.
Singer Paper Box Co., 815 W. Congress, Chicago, Ill.
Singer-Pentz Co., contractors, 600 Equitable Bldg., Balto., Md.
Singer Piano Mfg. Co., 238 S. Wabash, Chicago, Ill.
Singer Sewing Mach. Co., 149 Broadway, New York.
Single Center Buggy Co., Evansville, Ind.
Single Faucet & Flush Valve Co., 617 W. Jackson blvd, Chicago, Ill.
Single, Jno., Paper Co., Syracuse, N. Y.
Singletary Lumber Co., 1633 Mewin av, Cleveland, O.
Singmaster, J., & Co., masons' & bldrs.' matls., Macungie, Pa.
Sink, Wm., Canning Co., Brandon, Wis.
Sinker-Davis Co., machsts. & fndrs., 230 S. Missouri & Kentucky av, Indianapolis, Ind.
Sinn, Fred'k, scrap iron, Paterson, N. J.
Sinn, Geo. A., see Frankford Coal & Lime Co. (successors).
Sinnott Bros., contractors, Ottawa, Ill.
Sinnott, Ed. F., architects, 1001 E. Main, Richmond, Va.
Sinnott, Peter, htg. contrs., 967 E. 165th, New York.
Sinsz, Phillip Co., 300 Hanover, Baltimore, Md.
Sintering Machinery Corp., Netcong, Morris Co., N. J.
See adv. index at end of book
Sintes, Chas., contractor, New Orleans, La.
Sior, Heinrich, auto truck trailers, 245 Floyd, Brooklyn, N. Y.
Siostrom, J. E., Co., furniture, Dept. H, 1715 N. 10th, Phila., Pa.
Sioux City Auto Top Co., Sioux City, Iowa.
Sioux City Brick & Tile Co., Sioux City, Iowa.
Sioux City Casket Co., Sioux City, Iowa.
Sioux City Engine & Machy. Co., Sioux City, Iowa.
Sioux City Iron Co., Sioux City, Iowa.
Sioux City Sheet Metal Wks., Sioux City, Ia.
Sioux Falls Metal Culv. Co., Sioux Falls, S. D.
Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
Sipe, Jas. B., & Co., oils, paints & varnishes, Dept. H, Bridgeville, Pa.
Siple, Geo. H., & Co. See Oliver, Wm. (successor)
Sipp Mach. Co., Paterson, N. J.
Sippel, Theo. A., sand blast machs., 205 McWhorter, Newark, N. J.
Sipsey Valley Oil & Fertilizer Works, Fayette, Ala.
Sirch, C. W., lanolin, Los Angeles, Cal.
Sireno Co., auto. horns, 20 Rose, New York.
Siro Carburetor Mfg. Co., machsts. & fndrs., Northampton, Mass.
Sirrine, J. E., architect & mill engineer, Greenville, S. C.

Sisk B. M. Co., advtg. novelties, Montgomery City, Mo.
Sisk, R. J., Mfg. Co., size, New London, Conn.
Sisman, Andrew C., Co., contrs. & sashes, 1221H Beaufort av, Detroit, Mich.
Sisson, Hugh, & Sons, marble producers, 21 N. Liberty, Baltimore, Md.
Sisson & Smalley, cornices, Cuba, N. Y.
Sistare, F. B., & Son, contractors, New Bedford, Mass.
Sites, C. P., architect, Southwestern Life Bldg., Dallas, Tex.
Sitka Spruce Co., Coquille, Ore.
Sitler, C. E., architect, Berwick, Pa.
Sitler, Harry, brass fndrs., Allentown, Pa.
Sitterding-Carneal-Davis Co., masons' & bldrs.' matls., 1601 W. Leigh, Richmond, Va.
Sittler, Peter, machsts., Eckert, Pa.
Sittmann G., & Sons, machsts. & fndrs., 105 Liberty, Brooklyn, N. Y.
Siver, M. L., & Co., lumber mfrs., Sidney, N. Y.
Sivyer Steel Casting Co., motor truck, tracto & gen. mchy. castings, Milwaukee, Wis.
Sizer, E. T., canned goods, Buchanan, Va.
Sizer Forge Co., anxles, blooms, shaftings, etc., 238 Larkin, Buffalo, N. Y.
Sizer, Robert R., & Co., lbr., 15 William, New York.
Sizing Specialties Co., aniline colors, linoleate cobalt & sizing compds., Jersey City, N. J.
S. & J. Co., hdwe. mfrs., auto. machy. & screw mach. products, Springfield, Mass.
Sjoberg Bros., flour, Badger, Minn.
Sjostrom, John E., Co., bank, office & store fixtures, 1715 N. 10th, Philadelphia, Pa.
Skafgaard, A., contractor, 1656 Keystone av, Chicago, Ill.
Skagit Commission Co., masons' & bldrs.' matls., Sedro Woolley, Wash.
Skagit Mill Co., lumber, Lyman, Wash.
Skagit Valley Fruit Growers' Assn., canned goods, Burlington, Wash.
Skahen Steel Co., steel burial vaults, Syracuse, N. Y.
Skandia Coal & Lbr. Co., masons' & bldrs.' matls., Rockford, Ill.
Skandia Pacific Oil Engine Co., marine & stationary engines, Oakland, Cal.
Skandia Furn. Co., Dept. H, Rockford, Ill.
Skaneateles Boat & Canoe Co., Skaneateles, N. Y.
Skaneateles Paper Co., Skaneateles, N. Y.
Skannel, Elbert, htg. contrs., 259 W. 126th, New York.
Skat Co., soap, Hartford, Conn.
Skeel, Albert E., architect, 4500 Euclid av, Cleveland, Ohio
Skeel Bros Co., contractors, 8311 Euclid av, Cleveland, O.
Skehan, W. J., & Co., machsts. & fndrs., Augusta, Me.
Skelly Bracket Co., portables, 1265 W. 2nd, Cleveland, Ohio.
Skelly, Thos. P., Bolt Co., 24th & Carlton, Philadelphia, Pa.
Skelton, Fred'k, contractor, tents, 200 5th av, New York
Skelton, Jos. L., Engineering Co., 242 Water, Toledo, Ohio.
Skelton Tool Co., Inc., tools, reamers, etc., 406 E. Ash, Syracuse, N. Y.
Skelton & Owens, contrs., Greenville, S. C.
Skevington, H., & Co., tex. machy. (singeing machines), 1610 N. Philip, Philadelphia, Pa.
S. K. F. Ball Bearing Co., ball bearings & shaft hangers mfrs., Hartford, Conn.
Skidd, Chas., Mfg., Co., milk coolers, metal spinning, Kenosha, Wis.
Skidmore, Chas., sash, door & blind mfr., Riverhead, N. Y.
Skidmore, Geo. H., architect, Riverhead, N. Y.
Skidmore, Wm., Sons & Co., lumber, Cutin, Ore.
Skiff, J. H., architect, McPherson, Kans.
Skillen-Goodin Glass Co., Yorktown, Ind.
Skilling, C. F., architect, Bradbury Bldg., Los Angeles.
Skilling, Julius P., spools, Bethel, Me.
Skillings, Warren, architect, Garden City Bk. Bldg., San Jose, Cal.
Skillings, Whitney & Barnes Lumber Co., Ogdensburg, N. Y.
Skillman, A. A., canned goods, Belcamp, Md.
Skillman Hdwe. Mfg. Co., Trenton, N. J.
Skinker & Garrett, contractors, 1416 F, N. W., Washington, D. C.
Skinner, A. M., architect, Roth Bldg., Watertown, N. Y.
Skinner & Arnold, machinists, Albany, N. Y.
Skinner Bros., diamond, turn'g, etc., tools, 430 Kent av, Brooklyn, N. Y.
Skinner Bros. Mfg. Co., blow pipes, blowers, exhausters, fans, etc., Vandeventer & Boyle, St. Louis, Mo.
Skinner, C. E. & J. F., roll coverers, Valley Falls, R. I.
Skinner, Chas. W., architect, 2nd Natl. Bank bldg, Cincinnati, Ohio
Skinner Chuck Co., New Britain, Conn.
Skinner & Connolly, machsts., Yonkers, N. Y.
Skinner, E. W., cornices, Warren, Ohio.
Skinner Engine Co., Erie, Pa.
Skinner, Ernst M., Co., organs, 215 Sydney, Boston, Mass.
Skinner, H. J., contractor, Eagle Bldg., Spokane, Wash.
Skinner, J. M., Bending Co., Toledo, Ohio.
Skinner & Kennedy Stationery Co., loose leaf devices, 416 N. 4th, St. Louis, Mo.
Skinner & Leary Co., machsts., 19 Commercial, Newark, N. J.
Skinner, Louis H., dry docks, Wilmington, N. C.
Skinner, M. B., Co., pipe benders, clamps, etc., 562 W. Washington, Chicago, Ill.
Skinner Machy Co., Dunedin, Fla.
Skinner, R. E., contr., Augusta, Ga.
Skinner & Oyston, wholesale hdwe., Little Falls, N. Y.
Skinner, Theodore H., architect, Kenwood, N. Y.
Skinner, W., & Son, glassware cut, Hammonton, N. J.
Skinner & Walter, J., architects, 1188 Main, Bridgeport, Conn.
Skipton, Valentine, Co., lubrg. oils, 221 Arch, Philadelphia, Pa.
Sklar, J., Mfg. Co., surgical & dental insts., 133 Floyd, Brooklyn, N. Y.
Skobis Co., machsts., 951 30th, Milwaukee, Wis.
Skodden, Harvey F., architect, Dale Bldg., Danville, Ill.
Skoglund, Aug. H., contr., 111 W. Washington, Chicago, Ill.
Skoglund, Emil G., stone, 4920 N. Clark, Chicago, Ill.
Skoglund, Eric, stone producers, 5555 N. Lincoln av, Chicago, Ill.
Skookum Lbr. Co., Tenino, Wash.
Skow Mfg. Co., lumber, Newton, Ia.
Skowhegan Pulp Co., Skowhegan, Me.
Skowronski, W. J., sash, door & blind mfr., 8201 Colfax av, Chicago, Ill.
Skoog, Jac. L., architect, 1711 Yale av, Seattle, Wash.
Skrainka Const. Co., contrs., Security Bldg., St. Louis, Mo.
S. K. & S. Co., farm tractors, El Paso, Ill.
Skuse Cooperage, Rochester, N. Y.
Skvarla, John, contractor, Passaic, N. J.
Slaa Fork Coal Co., Charleston, W. Va.
Slack, Frank A., architect, Beloit, Kans.
Slack-Horner Brass Mfg. Co., Denver, Colo.
Slack, James W., mill & facty. supplies, Fall River, Mass.
Slack Mfg. Co., machsts., Springfield, Vt.
Slack, P. S., architect, Latrobe, Pa.
Slack, S. Alex., auger bits, Oxford, Pa.
Slack, Wm. W., architect, American Mechanics' Bldg., Trenton, N. J.
Slade Elev. Co., 1565 Park av, New York.
Slade, S. E., Lumber Co., 112 Market, San Francisco, Cal.
Sladek Victor R., architect, 2242 S. Marshall blvd., Chicago, Ill.
Sladen, Geo. E., & Co., contractors, 1223 Clover, Phila., Pa.
Slagel, C. W., & Son, canned goods, Davenport, Nebr.
Slaight, E. E., & Co., canned goods, Seaford, Va.
Slake Spec. Co., boiler tees, Rock Island, Ill.
Slakin, H. A., contrs., Elizabeth, N. J.
Slane, O. W., Glass Co., glass mirrors, store fronts, windshields, etc., York, Pa.
Slasor & Ginty, contrs., New Philadelphia, Ohio.
Slate River Milling Co., flour, Slate River Mills, Va.
Slater Construction Co., sash, door & blind, Pontiac, Mich.
Slater, Forest E., architect, Berwick, Me.
Slater, Howard P., architect, Port Chester, N. Y.
Slater, Jas. H., & Son, contractors, Poughkeepsie, N. Y.
Slater, John L., architect, La Grande, Ore.
Slater, Robt., felt mills, Pompton Lakes, N. J.
Slater, S., & Sons, woolen carriage cloth, Webster, Mass.
Slater, W. A., Mills, cotton thread, Jewett City, Conn.
Slater, W., Co., contractors, 2314 Sta. Fe, Los Angeles, Cal.
Slate's, Geo., Sons, belting mfrs., Williamsport, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Fdry. Mach. & Boiler Wks., Slatington, Pa.
Slatington Iron & Steel Co., Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Slatmyer, Henry G., & Son Constr. Co., 203 Lakeside av, N. W., Cleveland, Ohio.
Slattery, Austin, contr., West Allis, Wis.
Slattery & Henry, contrs., Greenville, S. C.
Slattery, J. B., & Bros., gas stoves, 108 Lawrence, Brooklyn, N. Y.
Slauf Mfg. Co., wood turners, 703 S. Clinton, Chicago, Ill.
Slaughter, G. W. & A. J., brick, Murray, Ky.
Slaughter, Wm. E., Co., electric curlers, heating pads & hair dryers, etc., 1716 S. Michigan av, Chicago, Ill.
Slawson, A. F., cornices & skylights, De Soto, Mo.
Slaymaker Lock Mfg. Corp., lock mfrs., Lancaster, Pa.
Slaymaker, S. E., & Co., lbr., 200 5th av, New York
Slaysman & Co., machsts., 801 E. Pratt, Baltimore, Md.
Slazenger, Frank L., golf balls, tennis racquet mfrs., 12 E. 43d, New York.
Sledge & Barkley Co., mill & facty. supplies, Lawrenceville, Va.
Slee & Bryson, architects, 165 Monague, Brooklyn, N. Y.
Sleep Well Mattress Co., Los Angeles, Cal.
Sleeper Bros., cornices & skylights, Rockland, Me.
Sleeper Co., igniters, gas & gasoline engines, Fowler, Ind.
Sleeper & Hartley, Inc., wire spring coiling machy., 335 Chandler, Worcester, Mass. *See adv. index at end of book*
Sleeper, W. P., granite, South Thomaston, Me.
Sleight, Albert E., architect, 136 Washington, Paterson, N. J.
Sleight Metallic Ink Co., 5907 Market, Philadelphia, Pa.
Slems-Carey Co., contractors, German Life Bldg., St. Paul, Minn.
Slessman & Sons, canned goods, Clyde, Ohio.
Slick, F. E., contractor, Richmond, Ind.
Slidell Dry Dock & Shipbuilding Co., Slidell, La.
Slider, E. T., masons' & bldrs.' matls., New Albany, Ind.
Slifer & Abraham, architects, Endicott bldg, St. Paul, Minn.
Slifer Packing Co., meat packers, Hamilton, Ohio.
Sliger, A. J., contr., Centralia, Ill.
Sliger Bros., lbr., Huntington, W. Va.
Sligh Furn. Co., Dept. H, Grand Rapids, Mich.
Sligo Furnace Co., Syndicate Trust Bldg., St. Louis, Mo.
Sligo Iron Store Co., 6th & O'Fallon, St. Louis, Mo.
Sliney, John T., contractor, Branford, Conn.
Slinn, H. H., machsts., Chillicothe, Ill.
Slipno Co., belt dressing, 40 Clifton, Newark, N. J.
Slipper City Wool Heel Co., Haverhill, Mass.
Sloan & Chace Mfg. Co., Ltd., machsts., 351 6th av, Newark, N. J.
Sloan & Company, contr., masons' & bldrs.' matls., Chattanooga, Tenn.
Sloan Engineering Co., posts, 246 Hall, Brooklyn, N. Y.
Sloan, Frank B., & Co., sash, pulley mfrs., 209 E. Fayette av, Baltimore, Md.
Sloan, J. J., architect, Marion, Ohio.
Sloan Nov. Mfg. Co., patterns & models, S. W., cor 20th & Wyandotte, Kansas City, Mo.
Sloan & Russel, Inc., stearate, 132 Nassau, New York.
Sloan, Samuel, & Co., plumbers' supplies, jobbers, Rochester, N. Y.
Sloan Shipyards Corps., Seattle, Wash.
Sloan Valve Co., 625 W. Jackson blvd, Chicago, Ill.
Sloan, W. G., architect, Greensburg, Pa.
Sloan & Zook, gasoline naphtha & oil refiners, Bradford, Pa.
Sloane, C. F., asbestos miners, Globe, Ariz.
Sloane & Moller, interior hardwood wk., 316 E. 65th, New York.
Sloat Lbr. Co., Sloat, Cal.
Slocomb, F. F., & Co., leather working machinery & pneumatic tools, 14th & Poplar, Wilmington, Del.
Slocomb, Harry A., architect, 511 Westminster, Providence, R. I.
Slocomb, J. T., Co., machine tool mfrs., 35 Oxford, Providence, R. I.
Slocum, Avram & Slocum Laboratories, Inc., efficiency time recorders, 531 W. 21st, New York.
Slocum & Kilburn, mill & facty. supplies, 23 No. Water, New Bedford, Mass.
Slocum, Wm. H., Co., machsts., Pawtucket, R. I.
Sloss, Sheffield Steel & Iron Co., Birmingham, Ala.
Sloss, Wm. J., & Son, masons' & bldrs.' matls., Big Rapids, Mich.
Sloss & Brittain, whol. hdwe., 99 Beale, San Francisco, Cal.
Slovince, Jno., architect, 5138 S. Artesian av, Chicago, Ill.
Slupkowski, Jos. A., architect, 2312 Iowa, Chicago, Ill.

Slusky, David, & Son, cornices & skylights, Augusta, Ga.
Slusser-McLean Scraper Co., road scrapers, Sidney, Ohio.
Slutter, L. L., lumber, Bartonsville, Pa.
Sluyter, R. E., architect, Herkimer, N. Y.
Sly, L. H., contractor, 57 Post, San Francisco, Cal.
Sly, W. W., Mfg. Co., foundry equipment, 4700 Train av, Cleveland, Ohio.
Slyder, J. D. & I., lumber, New Lebanon, Ohio.
Slyter & Eckerson, lbr., Canby, Ore.
Small, Alvin E., architect, Madison, Wis.
Small, A. T., Brick Co., concrete roofing tile, Macon, Ga.
Small Bros., cotton bandings, laces, tapes, etc., Fall River, Mass.
Small, C. H., mfr. agts., Monadnock bldg, San Francisco, Cal.
Small, F., & Son, cornices, Moravia, N. Y.
Small, Franklin M., architect, 407 B'way, New York.
Small, John S., architect, 748 Hinman av, Evanston, Ill.
Small, P. A. & S. Co., masons' & bldrs.' matls, whol. hdwe, & mill, facty. & plumbers' supplies, York, Pa.
Small, Simon, & Sons Co., contractors, Mansfield, Ohio.
Small, W. E., machinist, Los Angeles, Cal.
Small, W. E., Spoke Mfg. Co., Corinth, Miss.
Small, W. H., & Son, contrs., Aitkin, Minn.
Small, Wm., Co., auto bldrs., Indianapolis, Ind.
Smallbone Mfg. Co., machsts., 1821 Berteau, Chicago, Ill.
Smalley-General Co., machsts., Bay City, Mich.
Smalley, H. C., Granite Co., Quincy, Mass.
Smalley, Hobbs & Hunter, granite, Rochester, N. H.
Smalley, Klvlan & Onthank, fruit jars & rubber rings, 21H Blackstone, Boston, Mass.
Smalley Mfg. Co., agricultural implements, machsts. & fndrs., Manitowoc, Wis.
Smalley Stone Co., Plainfield, N. J.
Smalling's, R. H., Sons, contrs., Macon, Ga.
Smallman-Brice Construction Co., contractors, Am. Trust Bldg., Birmingham, Ala.
Smallwood, L. C., Contracting Co., James Bldg., Chattanooga, Tenn.
Smallwood, Robert F., architect, 569 5th av, New York.
Smallwood, W. R., Mfg. Co., machsts., Gowanda, N. Y.
Smart, A. J., Mfg. Co. (see Greenfield Tap & Die Corporation), Greenfield, Mass.
Smart, George B., & Co., mill & factory supplies & cornices, Lawrence, Mass.
Smathers, J. L., & Sons, furn., Dept. H, Asheville, N. C.
Smead Mfg. Co., envelopes, Hastings, Minn.
Smeallie & Voorhees, lining paper, Amsterdam, N. Y.
Smedley & Hoopes, contrs., West Chester, Pa.
Smedley & Mehl, masons' & bldrs.' matls., Ardmore, Pa.
Smedley Pump Co., Dubuque, Ia.
Smeed Box Co., packing box mfrs.; 1878 Scranton rd, Cleveland, Ohio.
Smeeth-Hardwood Co., fndrs., 2401 W. 22d, Chicago, Ill.
Smethport Extract Co., Exchange Bldg., Boston, Mass.
Smethport Glass Co., Smethport, Pa.
Smidth, F. L., & Co., cement machy., etc., 50 Church, New York.
Smiley, Albert F., contractor, Pawtucket, R. I.
Smiley, F. L., & Son, canned goods, Roanoke, Va.
Smiley, J. L., & Co., canned goods, Blaine, Wash.
Smiley, J. W., & Co., canned goods, Buchanan, Va.
Smillie, Edw. S., landscape architect, 394 Central, Newton, Mass.
Smillie, C. M., & Co., damper regulators, 130 E. Larned, Detroit, Mich.
Smirl, T., contr., Girard, Ill.
Smith, A. A., machsts. & fndrs., Leominster, Mass.
Smith, A. A., Cotton Products Co., cottonseed linters, Atlanta, Ga.
Smith, A. B., Chemical Co., Buffalo, N. Y.
Smith, A. B., Lumber Co., ties, poles & posts, Old Colony Bldg., Chicago, Ill., & Paducah, Ky.
Smith, A., & Co., cornices, Cambridge, Mass.
Smith, A. E., contractor, Fair Haven, N. J.
Smith, A. F., architect, 1029 Penn, Reading, Pa.
Smith, A. F., Co., brick, New Brighton, Pa.
Smith, A. H., masons' & bldrs.' matls., Paterson, N. J.
Smith, A. J., contractor, Cedar Rapids, Ia.
Smith, A. J., Mfg. Co., shooting galleries, 3247 W. Van Buren, Chicago, Ill.
Smith, A. L., architect, 228 S. Hennessy, New Orleans, La.
Smith, A. L., Iron Works, archtl., ornamental, cast iron & wire work, Chelsea, Mass.
Smith, A. M., stone producer, Findlay, Ohio.
Smith, A. O., Corp., auto frames & axle housings, Keefe & 27th, Milwaukee, Wis.
Smith, A. P., Mfg. Co., machsts. & fndrs., motors, valves, East Orange, N. J.
Smith, A., & Son, tubular boilers, 685 11th av, New York.
Smith, A. W., architect, 1004 B'way, Oakland, Cal.
Smith, A. W., Co., architects, Keenan Bldg., Pittsburgh, Pa.
Smith & Abbott Co., mill, plumbers' & steamfitters' supplies, Portland, Me.
Smith, Abe, mill, facty. & plumbers' supplies, jobbers, Paterson, N. J.
Smith Agricultural Chemical Co., fertilizer mfrs., Columbus, O.
Smith, Albert, contractor, Roachdale, Ind.
Smith, Albert C., & Co., steamfitters' supplies, Newburgh, N. Y.
Smith, Alfred, Ltd., iron oxides, china clays & sulphuret of antimony, 98 Maiden Lane, New York
Smith, Alfred H., archtr., Board of Trade Bldg., Portland, Ore.
Smith-Alsop Paint & Varnish Co., Terre Haute, Ind.
Smith, Andrew J., Construction Co., Campau Bldg., Detroit, Mich.
Smith, Andrew J., & Sons, contractors, Port Huron, Mich.
Smith & Anthony Co., steam htrs., 52 Union, Boston, Mass.
Smith, Arthur E., steel constr. wk., Plainfield, N. J.
Smith, Arthur F., Co., contrs. tents, etc., 261 Canal, New York.
Smith, Arthur L., & Co., contractors, Woodward Bldg., Washington, D. C.
Smith, Arthur R., architect, Norton Bldg., Louisville, Ky.
Smith, Asa, & Son, contractors, Easton, Pa.
Smith, Barnes & Strohber Co., pianos, 1872 Clybourn av, Chicago, Ill.
Smith & Bassette, architects, 36 Pearl, Hartford, Conn.
Smith & Bell, lbr., Decatur, Ind.
Smith, Benjamin, mach. & fdr., Shenandoah, Ia.
Smith, Benj. F., Co., dye tubs & woodtanks contr., Pawtucket, R. I.

Smith-Booth-Usher Co., mill & facty. supplies, 228 S. Central av, Los Angeles, Cal.
Smith, Bowen B., architect, 104 W. 42nd, New York.
Smith Box & Lbr. Co., Manchester, N. H.
Smith, Brandon, architect, 6741 MacPherson, Pittsburgh, Pa.
Smith & Brennan Pile Co., Main & Angelica, St. Louis, Mo.
Smith Brick Co., Omaha, Neb.
Smith Bros., architects, Rockefeller Bldg., Cleveland, Ohio.
Smith Bros. Bedding Co., mattresses, Ogden, Utah.
Smith Bros. & Co., fertilizer, Bartow, Ga.
Smith Bros. Hardware Co., 38 W. Chestnut, Cleveland & Columbus, Ohio.
Smith & Brown Co., contractors, 128 N. La Salle, Chicago, Ill.
Smith, Burkley & Billingslea, canned goods, Taylor's Bridge, Del.
Smith, C. A., architect, Salina, Kans.
Smith, C. A., Lbr. Co., Baypoint, Cal.
Smith, C. B., architect, Ga. School of Technology, Atlanta, Ga.
Smith, C. B., Furn. Co., Dept. H, Los Angeles, Calif.
Smith, C. C., canned goods, Airville, Pa.
Smith, C. C., contrs., Midland Bldg., Kansas City, Mo.
Smith, C. C., Boat & Engine Co., ship bldrs., Algonac, Mich.
Smith, C. G., Artesian Well Co., tube well strainers, 132 High, Boston, Mass.
Smith, C. H., & Co., machsts., Springfield, Mass.
Smith, C. R., masons' & bldrs.' matls., Niles, Mich.
Smith, C. S., contractor, Center & Graham, Pittsburgh, Pa.
Smith, C. W., architect, 1802 Acklen av, Nashville, Tenn.
Smith, C. W., Copper Wks., 16 Washington, San Francisco, Cal.
Smith & Caffrey Co., iron foundry, Syracuse, N. Y.
Smith Cannery Machine Co., Seattle, Wash.
Smith Carriage Co., Springfield, Mass.
Smith & Carrier, architects, Asheville, N. C.
Smith & Carter, architects, 21 Dexter av, Montgomery, Ala
Smith, Chas., architect, 411 Walnut, Philadelphia, Pa.
Smith, Chas. C., tags—index, Exeter, Neb.
Smith, Chas., Co., fndrs., 57 W. Lake, Chicago, Ill.
Smith, Chas. H., architect, 124 Grove, Plainfield, N. J.
Smith, Chas. J., contrs., Union Bldg., Syracuse, N. Y.
Smith, Chas. J., & Co., whol. hdwe., 130 Worth, New York.
Smith, Chas. K., & Co., lubrg. oils, 123 Arch, Philadelphia, Pa.
Smith, Chas. O., contractor, Mahanoy City, Pa.
Smith, Chas., & Son, contrs., 215 N. 50th, Philadelphia, Pa.
Smith, Cicero, Lumber Co., Fort Worth, Tex.
Smith, Clarence L., Co., masons' & bldrs.' matls.—contr., 30th & 11th av, New York.
Smith Contr. Co., Amesbury, Mass.
Smith, Cornelius, contr. & bldr., Norwich, Conn.
Smith-Courtney Co., machinery dealers, Richmond, Va.
Smith & Crosby, collar button, Attleboro, Mass.
Smith, D. B., & Co., agricultural implement, Utica, N. Y.
Smith, D. B., & Sons Co., cotton duck, Pine Meadow, Conn.
Smith, D. E., masons' & bldrs.' matls., Milford, Conn.
Smith & Daudt, machsts., Jersey City, N. J.
Smith & Davis Mfg. Co., spring beds, hospital furn., etc., 20th & Locust, St. Louis, Mo.
Smith, De Ford, architect, Grant Bldg., Atlanta, Ga.
Smith, Delos H., architect, Union Tr. bldg, Washington, D. C.
Smith & Des Champs, contractors, Hartford, Conn.
Smith & Dodge, bldg. contrs., Portland, Ore.
Smith & Dove Mfg. Co., cordage & twine mfrs., Andover, Mass.
Smith, Drum & Co., textile machy., Allegheny av & 5th, Phila., Pa.
Smith-Du Plain & Crumb Co., lbr. mfrs., Rockford, Ill.
Smith & Duckworth, sashes, doors & blinds, Crawfordsville, Ind.
Smith, Dwight E., architect, 152 Temple, New Haven, Conn.
Smith, E. A., compounds, lubrg. oils, soap, etc., Hamilton, Ohio.
Smith, E. A., & A. T., asphalt contrs., Lowell, Mass.
Smith, E. B., & Co., Dept. H, Sioux Falls, S. Dak.
Smith, E. Baldwin, architect, Nyack, N. Y.
Smith, E. C., pack'g box mfrs., 420 Oakland, Brooklyn, N. Y.
Smith, E. C., Mfg. Co., bath room fix., 900 W. Jackson blvd, Chicago, Ill.
Smith, E. E., Co., sash, door & blind mfrs., 136 Rhodes, Providence, R. I.
Smith, E. F., & Son, button mfrs., Union City, Conn.
Smith, E. H. H., Silver Co., Bridgeport, Conn.
Smith, E. J., & Sons, brick, North English, Ia.
Smith, E. L., & Co., granite, Barre, Vt.
Smith, E. M., & Co., machsts., Peoria, Ill.
Smith, E. M., Co., mill & facty. supplies, 618 Clarence, Los Angeles, Cal.
Smith, E. R., meat packers, 2624 Montgomery, St. Louis, Mo.
Smith, Ed. C., Furn. Co., Dept. H, Houston, Texas.
Smith, Edgar M., contractors, Leominster, Mass.
Smith, Edward C., architect, 39 Market, Poughkeepsie, N. Y.
Smith, Edw., & Co., varnish mfrs., 127 West av, Long Island City, N. Y.
Smith, Edward E., architect, Williamson Bldg., Cleveland, Ohio.
Smith, Edw. F., archl. iron, New Haven, Conn.
Smith, Edw. J., brick, Albany, N. Y.
Smith, Edw., Packing Co., meat, 247 Lewis, Buffalo, N. Y.
Smith, Edwin A., & Son, masons' & bldrs.' matls., 1017 Frankford av, Philadelphia, Pa.
Smith & Egge Mfg. Co., hdwe. mfrs., Bridgeport, Conn.
Smith-Eggers Co., carriage, Court, bet. B'way & Sycamore, Cincinnati, Ohio.
Smith Electric Fixture Co. See Smith Norotoy Elec., Inc. (successor).
Smith Elevator Co., 15 W. Swan, Buffalo, N. Y.
Smith, Ellsworth E., contractor, Atlantic City, N. J.
Smith, Elmer D., & Co., fertilizer, Adrian, Mich.
Smith, Emery, & Co., testing laboratories, 651 Howard, San Francisco, Cal.
Smith Engineering Works, rock crushers, etc., 3191 Locust, Milwaukee, Wis.
Smith, Enoch, contractor, Kearns Bldg., Salt Lake City, Utah.
Smith-Ervin & Co., rims & felloes, York, Pa.
Smith, Ervin E., Co., mill & facty. supplies, Lowell, Mass.
Smith, F. A. Cushing, landscape architect, 445 Milwaukee, Milwaukee, Wis.
Smith, F. A., Mfg. Co., auto. lamps, gas mantles, burners, etc., Rochester, N. Y.
Smith, F. G., pianos & cases, 115 B'way, New York.
Smith, F. G. C., architect, Greenwich, Conn.
Smith, F. H., Mfg. Co., machsts., 3047 Carroll av, Chicago, Ill.
Smith, F. I., canned goods, Madison, Ind.
Smith, F. L., machinist, Fayette, Ohio.
Smith, F. L., & Co., architects, 7033 Hermitage, Pittsburgh, Pa.

Smith, F. L., Sons, sashes, doors & blinds, Clarkeville, Tenn.
Smith, F. M., architect, Fostoria, Ohio.
Smith, F. N., masons' & bldrs.' matls., Pontiac, Ill.
Smith, F. P., & Co., belt fasteners, wire goods, etc., Sharon Hill, Pa.
Smith, F. P., Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv. index at end of book*
Smith, F. V., Inc., contractor, Lafayette av & Westchester creek, New York.
Smith, F. Patterson, archit., 67 Milk, Boston, Mass.
Smith Facing & Supply Co., foundry facings, 1857 Carter rd, Cleveland, Ohio.
Smith, Fasset & Co., lumber mfrs., North Tonawanda, N. Y.
Smith-Fay Lbr. Co., Burnsville, Miss.
Smith Fence & Iron Co., Waynesboro, Pa.
Smith Form A. Truck Co., 205 S. Michigan, Chicago, Ill.
Smith Fdry. Co., castings, Greenfield, Mass.
Smith, Frank, Co., masons' & bldrs'. matls., Lancaster, N. H.
Smith, Frank F., Hdwe. Co., 81 Clay, Newark, N. J.
Smith, Frank S., contractor, Waukesha, Wis.
Smith, Frederick G. C., architect, Greenwich, N. Y.
Smith & Furbush Mach. Co., textile machy., supplies, etc., Hancock & Somerset, Philadelphia, Pa.
Smith, G. B. R., Milling Co., flour, Sherman, Tex.
Smith, G. J., Commercial Co., brick, Canton, Miss.
Smith, G. J., Jr., elec. contr., Milford, Conn
Smith, G. L., & Co., hdwe. mfrs., 50 Spring, Newark, N. J.
Smith, G. Tandy, Jr., architect, Clarksville, Tenn.
Smith, G. W., contractor, Fair Haven, N. J.
Smith, G. W., & Co., Inc., blue print & papers, 49th & Botanic, Philadelphia, Pa.
Smith, G. W., & Son, hockey sticks & fish net hoops, Canterbury, Conn.
Smith Gas Engng. Co., Dayton, Ohio
Smith, Geo. B., machsts. & fndrs., Randolph, Wis
Smith, Geo. E., cotton, woolen & worsted machy., Cohoes, N. Y.
Smith, Geo. F., mill & facty. supplies, Franklin & Channing, St. Louis, Mo.
Smith, Geo. H., architect, 37 W. Van Buren, Chicago, Ill.
Smith, Geo. H., Heating Co., 1109 Downer av, Milwaukee, Wis.
Smith, Geo. H., Steel Casting Co., 500 Clinton, Milwaukee, Wis.
Smith, Geo., Jr., contractor, Kearney, N. J.
Smith, Geo. P., Co., sashes, doors & blinds, Charles City, Ia.
Smith Granite Co., Quincy, Mass., & Westerly, R. I.
Smith, Grant & Co., contrs., St. Paul, Minn.
Smith, Grant & Co. & Locher, contractors, Rome, N. Y.
Smith & Grater, masons' & bldrs.' matls., Rock Falls, Ill.
Smith Green Co., contrs., 25 Foster, Worcester, Mass.
Smith & Griffiths, architects, Gerlinger Bldg., Portland, Ore.
Smith & Griggs Mfg. Co., machsts. & fndrs., Waterbury, Conn.
Smith, Gus A., contrs., Bedford, Ind.
Smith, Gustavus L., architect, Taunton, Mass.
Smith, H. A., Machy. Co., 501 East Water, Syracuse, N. Y.
Smith, H. B., architect, Stonington, Me.
Smith, H. B., & Co., dowels, Hanover, Me.
Smith, H. B., & Co., hdwe. mfrs. (carriage), tools—pincers, wrenches, etc., Plantsville, Conn.
Smith, H. B., Mach. Co., machsts. & fndrs., Smithville, N. J.
Smith, H. D., & Co., screw drivers, Plantsville, Conn.
Smith, H. D., Co., steam heating apparatus, boilers, radiators, mfrs., Westfield, Mass.
Smith, H. E., architect, Old Natl. Bank bldg., Spokane, Wash.
Smith, H. J., & Sons, glass stainers, 236 S. 8th, Philadelphia, Pa.
Smith, H. Lund, trunk racks & auto. turntables, Paterson, N. J.
Smith, H. P., & Co., stone producers, 23 Haverhill, Boston, Mass.
Smith, H. W., machsts. & fndrs., Anna, Ill.
Smith-Hardican Co., contractors, 1606 Cherry, Philadelphia, Pa.
Smith Hardware & Mfg. Co., wire stretchers, De Kalb, Ill.
Smith, Harold F., architect, 38 W. 32nd, New York.
Smith, Harry L., architect, 1447 Longfellow av, New York
Smith, Harry T., architect, 7334 Wildemere, Detroit, Mich.
Smith, Hauser & MacIsaac, Inc., cotrs., 18 E. 41st, New York.
Smith-Hecht Co., advtg. signs, Cetury Bldg., Indianapolis, Ind
Smith & Heitmeyer, architects, Atlas Bk. Bldg., Cincinnati, O.
Smith & Hemenway Co., Inc., tool mfrs.—whol. hdwe., 261H B'way, New York, 130H Colt, Irvington, N. J. *See adv. index at end of book.*
Smith, Henry A., architect, 874 B'way, New York
Smith, Henry C., architect, 755 Market, San Francisco, Cal.
Smith, Henry C., architect, Dept. H, Independence, Md.
Smith, Hy., & Sons Co., contractors, German & Light, Baltimore, Md.
Smith & Henson, mill engrs., 10th & Westmoreland, Phila, Pa.
Smith, Hinchman & Grylls, architects, Wash'n Arcade, Detroit, Mich.
Smith, Hine, architect, Rome, Ga.
Smith-Holden Co., plate glass, 24 S. Water, Providence, R. I.
Smith, Homer P., mill & facty. supplies, Ashtabula, Ohio.
Smith, Horace H., architect, Bay State Bldg., Lawrence, Mass.
Smith-Howard & Co., mill & facty. supplies, Houston, Texas.
Smith, Howard J., & Son, contractors, 256 St. James pl, Brooklyn, N. Y.
Smith & Howland, architects, Union & Pleasant, New Bedford, Mass.
Smith, Hubbard Lbr. Co., masons' & bldrs.' matls., Wabash, Ind.
Smith, Hugh H., masons' & bldrs.' matls., Daly City, Cal.
Smith, Hugh M., & Son, contractors, Canandaigua, N. Y.
Smith & Hull Co., lumber, Traverse City, Mich.
Smith, I. J., Mfg. Co., vehicle washers, 1007 Av I, Kings Highway, Brooklyn, N. Y.
Smith, Ira A., machsts., Beverly, Mass.
Smith Iron Fndry. (Inc.), Lynn, Mass.
Smith, Isaac O., sash, door & blind mfrs., Monticello, N. Y.
Smith, J. Allen, & Co., flour mills, Knoxville, Tenn.
Smith, J. B., handles (wood), Geneva, Ohio.
Smith, J. C., Co., carriages, 58 E. 20th, Chicago, Ill.
Smith, J. Colby, & Son, canned goods, Willow Grove, Del.
Smith, J., & Co., cornices, 2755 W. 22d, Chicago, Ill.
Smith, J. D., Piano Co., Kansas City, Mo.
Smith, J. E., & Co., sash, door & blind mfrs., 65 Benedict, Waterbury, Conn.
Smith, J. E., Cotton Mfg. Co., Thomson, Ga.
Smith, J. F., & Bro., glass, sashes, doors & blinds, Galveston, Texas.
Smith, J. H., lumber mfrs., Clarksburg, N. Y.
Smith, J. H., contractor, Monadnock Bldg., San Francisco, Cal.
Smith, J. Hugh, architect, Home Sav. & Loan bldg, Youngstown, Ohio
Smith, J. K., cornices & skylights, Evart, Mich.
Smith, J. L., Co., maps, 27 So. 6th, Phila., Pa.
Smith, J. Lee, & Co., paint colors manfrs., 19 Jacob, New York.
Smith, J. M., & Fitzer, masons' & bldrs.' matls, Bucyrus, Ohio.
Smith, J. N., lumber, Glasgow, Ky.
Smith, J. O., Mfg. Co., cash boxes, varnish, hardware mfrs Middletown, Conn.
Smith, J. R., mill & facty. supplies, Oneida, N. Y.
Smith, J. T., canned goods, Fawn Grove, Pa.
Smith, J. W., architect, Monroe, La.
Smith, J. W., handles, Dept. H, Luxora, Ark.
Smith, J. W., smoking pipes, Town of Union, N. J.
Smith, J. Wentworth, contractors, 10585 Quincy av, Cleveland, Ohio.
Smith, Jas., architect, Newport, R. I.
Smith, Jas., & Co., mill & facty. supplies, 1820 N. 10th, Philadelphia, Pa.
Smith, Jas. M., htg. contrs., 6346 Stony Island av, Chicago, Ill.
Smith, James M., Co., machsts. & fndrs., Seymour, Conn.
Smith, James, & Son, grease bags, dog collars, etc., 40 Franklin av, Brooklyn, N. Y.
Smith, Jas., & Son, wool combs, Worcester, Mass.
Smith, Jas., Woolen Machy. Co., see Smith & Furbush Mach. Co. (successors).
Smith, John B., & Co., mill & facty. supplies, Lewiston, Me.
Smith, John C., architect, H. W. Helln Bldg., Los Angeles, Cal.
Smith, Jno. C., Hoe & Tool Co., Evansville, Ind.
Smith, Jno. D., Co., heating contractors, 12 B'way, Buffalo, N. Y.
Smith, Jno. E., stone producers, Detroit, Mich.
Smith, John H., Co., contractors, Lawrence, N. Y.
Smith, Jno. J., architect, Old South Bldg., Boston, Mass.
Smith, John, Jr., contractor, Peekskill, N. Y.
Smith, John M., & Sons, wood tanks, 1425 Sp. Garden, Philadelphia, Pa.
Smith, John P., steam htg. contr., 148 N. 7th, Phila., Pa.
Smith, John P., & Co., wire goods mfrs., New Haven, Conn.
Smith, John R., architect, Nebraska Street Bldg., Lincoln, Neb.
Smith, Jno. R., stone, 421 E. 103d, New York
Smith & Johnson Mfg. Co., spec. machy., etc., 2031 Elm, Cincinnati, Ohio
Smith & Jones, mattresses, 216 E. 37th, New York.
Smith, Joseph, architect, Anaconda, Mont.
Smith, Joseph S., fndrs., East Waterford, Pa.
Smith, Jos., & Co., buckwheat flour, Stockton, N. J.
Smith, Jos. M., Co., masons' & bldrs.' matls., Madison, N. J.
Smith, Jos. N., & Co., carriage fasteners, rests, separators, etc., 2461 E. Grand blvd, Detroit, Mich.
Smith, Joseph T., architect, 36 N. Main, Waterbury, Conn.
Smith & Kelley, architect, Nat. Bk. Bldg., San Antonio, Tex.
Smith, Kline & French Co., whol. drugs, Philadelphia, Pa.
Smith, L., Iron & Steel Co., fire escapes, iron railings & machsts., Jacksonville, Fla.
Smith, L. B., & Sons, masons' & bldrs.' matls., Exeter, N. H.
Smith, L. C., & Bros. Typewriter Co., Syracuse, N. Y.
Smith, L. C., Co., Inc., mill & facty. supplies, Gloucester, Mass.
Smith, L. E., cornices & skylights, Rockport, Mass.
Smith, L. E., & Bro., flour mills, Appomattox, Va.
Smith, L. E., Glass Co., Mount Pleasant, Pa.
Smith, L. J., egg cases, Eaton Rapids, Mich.
Smith, L. M., & Sons, patent leather, 59 Lock, Newark, N. J.
Smith Laboratory, chemists, Mt. Pleasant, Tenn.
Smith & Langmaid, machsts., Portland, Me.
Smith & Lawmaster, masons' & bldrs.' matls., McCutchenville, O.
Smith & Leo, Inc., contrs., 101 Park av, New York.
Smith, Levi, Refining Co., lubrg. oils, North Clarendon, Pa.
Smith Lime, Flour Co., masons' & bldrs.' matls., Elizabeth, N. J.
Smith & Loughlin, fndrs., Driggs av & N. 5th, Brooklyn, N. Y.
Smith & Lovett Co., machsts. & fndrs., 135 Tyler, Boston, Mass.
Smith, Loyd J., 2nd-hand cars, 20 W. Jackson blvd, Chicago, Ill.
Smith Lumber Co., Meadville, Pa.
Smith, M. B., furn., Dept. H, Burlington, N. C.
Smith, McCormack Co., contractors, Easton, Pa.
Smith & McCrorken, Inc., whol. hdwe., 411 E. 18th, New York
Smith & McKinney Hardware Co., Clifton Forge, Va.
Smith, M., masons' & bldrs.' matls., Green Island, N. Y.
Smith, M. C., hoops—coiled elm, Moorhead, Miss.
Smith, M. M., lbr. mfrs., N. Tonawanda, N. Y.
Smith, M. R., Lumber & Shingle Co., R. A. Long Bldg., Kansas City, Mo.
Smith, M. Z., contractor, Troy, Ohio.
Smith, Manning J., Belting Co., cotton, 41 E. Ashmead, Gtn., Philadelphia, Pa.
Smith Mfg. Co., agricultural implements, La Crosse, Wis.
Smith Mfg. Co., gas engines, 161 W. Harrison, Chicago.
Smith, Marshall J., architect, Colorado Bldg., Washington, D. C.
Smith-Matthews Foundry Co., 650 Bellevue av, Detroit, Mich.
Smith Mattress Co., Marion, Ohio.
Smith & May, architects, Calvert Bldg., Baltimore, Md.
Smith, Millard F., machinist, Parsons, Kans.
Smith & Mills Co., shaping machines, Spring Grove av, Cincinnati, Ohio.
Smith, Milo, masons' & bldrs.' matls., Troy, N. Y.
Smith Monumental Wks., Norwalk, Ohio.
Smith, Morell, architect, Bank Bldg., Far Rockaway, N. Y.
Smith, Morton B., & Co., scrap brass & copper, metal, brass, etc., 241 Front, New York.
Smith Motor Truck Corp., 2015 S. Michigan, Chicago, Ill.
Smith, N., & Co., stone renovators, 131 Columbus av, New York.
Smith of N. Y. Co., soldering app. for rail bonding, lamps, torches, oilers, metal spinning, etc., Franklin sq, New York.
Smith & Nichols, acids, oils, wax, etc., 121 Maiden la, New York.
Smith, Nimmo & Co., machsts., McKeesport Pa.
Smith & Nixon Mfg. Co., pianos, 126 W. 4th, Cincinnati, Ohio.
Smith Norotoy Electric, Inc., Charlotte, N. C.
Smith, O. Everett, architect, Ashland, Ore.
Smith, O., & Sons Co., cotton batting & felts, 310 Spruce, Philadelphia, Pa.
Smith Organ Co., North Tonawanda, N. Y.
Smith, Orlando B., machsts., Frankfort, Ind.
Smith, Oscar B., Jr., architect, 501 5th av, New York
Smith, Oscar, & Son, baled shavings, sawdust & chemical charcoal, Albany, N. Y.
Smith, Otis A., machsts. & fndrs.—clamps, Rockfall, Conn.
Smith, P., & Co., carriages, 209 W. Austin av, Chicago, Ill.
Smith, P. J., Co., boot & shoe counters, Salem, Mass.
Smith Packing Co., meat, Colorado Springs, Colo.
Smith Paper Co., Lee, Mass.
Smith, Paul, fndrs., 564 W. Randolph, Chicago, Ill.

Smith, Paul R., landscape arch., 89 State, Boston, Mass.
Smith, Payson Lbr. Co., 1015 Plymouth bldg, Minneapolis, Minn.
Smith & Pearson, mill & facty. supplies, Auburn, N. Y.
Smith & Perry, contractors, New London, Conn.
Smith, Peter, Heater Co., 1043 Mt. Elliott, Detroit, Mich.
Smith, Philip, stone, 1st & B., S. W., Washington, D. C.
Smith, Philip, Mfg. Co., elevating machy., etc., Sidney, Ohio.
Smith-Phillips China Co., East Liverpool, Ohio.
Smith & Phillips Mfg. Co., machinists, 1008 N. Madison, Chicago, Ill.
Smith & Pomeroy Windmill Co., machsts., Kalamazoo, Mich.
Smith Premier Wks., Remington Typewriter Co., Syracuse, N. Y.
Smith, R. F., & Son, lbr., Camden, N. J.
Smith, R. G., Tool & Mfg. Co., 315H Market, Newark, N. J.
Smith, R. H., Mfg. Co., printing stamp goods mfrs., Springfield, Mass.
Smith, R. M., bldg. contr., Sacramento, Cal.
Smith, R. R., Sons, contractors, Lewisville, Ind.
Smith, R. T., & Son, sashes, doors & blinds, Benton, Pa.
Smith, Raymond, elec. contr., Hazardville, Conn.
Smith, Rea & Lovitt, architects, Finance Bldg., Kansas City, Mo.
Smith & Reilly, htg. contrs.. 411 New. Newark, N. J.
Smith, Rice Co., contractors, 148 Spear, San Francisco, Cal.
Smith, Richard, contr., Warren, R. I.
Smith, Richardson Co., burnishing & polishing machines, Attleboro, Mass.
Smith, Robert S., architect, 305 E. 55th, Chicago, Ill.
Smith, Robert W., Corp., contr., 30 Church, New York.
Smith, Roswell E., architect, Morristown, Tenn.
Smith, Rudy, & Co., chemists, 411 Walnut, Philadelphia, Pa.
Smith, Rufus W., Co., fertilizer mfrs., Elmer, N. J.
Smith, S. A., contractor, Elgin, Ill.
Smith, S. A., Mfg. Co., ladders, Brattleboro, Vt.
Smith, S. C., landscape architect, 107 Westminster, Providence, R. I.
Smith, S. L., & Co., contractors, Wilkinsburg, Pa.
Smith, S. R., contractor, Poughkeepsie, N. Y.
Smith, S., Morgan Co., hydraulic turbine mfrs., York, Pa.
See adv. index at end of book.
Smith & Stewart, architects, 244 Kearney, San Francisco, Cal.
Smith, Sam'l, Machine Co., contr. & jobbing machsts., 620 Essex, Lawrence, Mass.
Smith, Sam'l, & Son Co., boilers, caissons, stills, tanks, etc., Paterson, N. J.
Smith Sash & door Co., 132 E. Lake, Minneapolis, Minn., &
Rochester, N. Y.
Smith Scale Co. (The), 93 W Gay, Columbus, Ohio.
Smith & Schwartzbeck, carriages, Tiffin, Ohio.
Smith, Sela A., contractor, Gary, Ind.
Smith, Serrell, Co., Inc., flexible couplings, 90 West, New York.
Smith, Seymour & Son, till trimmers, hdwe., hooks, pruning shears, etc., Oakville, Conn.
Smith & Sherrick, contractors, Lima, Ohio.
Smith & Simpson Lumber Co., Atlanta, Ga.
Smith & Sinclair Mach. Co., machsts., Camden, N. J.
Smith & Somerville, mill & facty. supplies, Waterbury, Vt.
Smith & Sons, Co., hair pins, 200 5th av, New York.
Smith Sons Harness Co., Buffalo, N. Y.
Smith & Sons Mfg. Co., machsts. & fndrs.—agri'l implements, Guinotte & Lydia, Kansas City, Mo.
Smith Sparks Co., contractors, Houghton, Mich.
Smith, S. T., Co., ribbons & carbons, 116 Duane, New York.
Smith, Stephen B., architect, 336 Main, Fitchburg, Mass.
Smith System Heating Co., 821 Washington av, S. E., Minneapolis, Minn.
Smith, T. G., & Sons, wood mantels, Topeka, Kans.
Smith, T. J., turpentine, Nielly, Ga.
Smith, T. L., Co., contractors' equipment, 1151 32nd, Milwaukee, Wis. *See adv. index at end of book.*
Smith, T., & Son, machy. dlrs., old metals, etc., 75 Pike Slip, New York
Smith, T. S., wire cloth, 269 Pearl, New York
Smith, T. V., contractor, Norristown, Pa.
Smith, T. W., & E. O., architects, Columbus, Ga.
Smith Tablet Co., Holyoke, Mass.
Smith, Theo., & Son, masons' & bldrs.' matls., Phillipsburg, Kans.
Smith, Theo., & Sons Co., machsts. & fndrs., ft. Essex, Jersey City, N. J.
Smith & Thompson, contractors, 47 Park pl, Brooklyn, N. Y.
Smith, Thos., architect, Central Square, N. Y.
Smith, Thos. C., stone prod., New Britain, Conn.
Smith, Thos., Co., bolt, nut & washer mfrs., Worcester, Mass.
Smith, Thos. J. D., glass benders, 65 Chambers, Newark, N. J.
Smith, Thos. W., plate glass, 1st c Ind. av, N. W., Wash., D. C.
Smith Tire Co., Utica, N. Y.
Smith & Tomlinson Co., cornices & skylights, Hillsboro, Tex.
Smith Turpentine Co., Green Cove Spring, Fla.
Smith, V. A., Co., heating boilers, 213 W. Lake, Chicago, Ill.
Smith, Vivian B., architect, Atlantic City, N. J.
Smith & Yokes, contractors, Duluth, Minn.
Smith, W. A., & Co., hot air furnaces, 625 Champlain, Cleve., O.
Smith, W. A., & Son, contractors, 188 Cannon, Bridgeport, Conn.
Smith, W. F., Co., contractors, Rensselaer, Ind.
Smith, W. Frisbey, architect, 1345 Arch, Philadelphia, Pa.
Smith, W. G., contractor, 15 Florence, Buffalo, N. Y.
Smith, W. Grubber Co., machinists, La Crescent, Minn.
Smith, W. H., Hardware Co., Parkersburg, W. Va.
Smith, W. L., mill & facty. supplies, Newburgh, N. Y.
Smith, W. P., flour, Efland, N. C.
Smith, W. R., machst., Gulfport, Miss.
Smith, W., & Sons, machsts., Lawrence, Mass.
Smith, W. T., Lumber Co., Chapman, Ala.
Smith-Wadsworth Hardware Co., Charlotte, N. C.
Smith, Ward, Brake Co., Inc., slack adjusters, 17 Battery pl, New York.
Smith-Watkins Co., mill & facty. supplies, Lexington, Ky.
Smith & Watson, contrs., Albany, Ga.
Smith & Watson Iron Wks., Portland, Ore.
Smith, Wellington W., architect, High School, Butte, Mont.
Smith, Werner G., Co., core oils, Hird & Detroit, Cleveland, O.
Smith & Wesson, machsts., Springfield, Mass.
Smith Wheel, Inc., Syracuse, N. Y.
Smith, Whitcomb & Cook Co., mill & facty. supplies, Barre, Vt.
Smith, Wm. (Est of), carriages, Burlington, Vt.
Smith, Wm. A., hod elevators, 282 E. 141st, New York.
Smith, Wm. A., cornices, Lima, Ohio.
Smith, Wm., & Co., brick, Middletown, Ohio.
Smith, Wm. Jones, architect, 64 E. Van Buren, Chicago, Ill.
Smith, Wm. M., lbr., Alpine, Pa.
Smith, Wm. Neil, architect, 101 Park av, New York.
Smith, Wm., & Son Co., stone producers, Ashtabula, Ohio.
Smith & Williams Co., motor boat, launch & yacht bldrs., Salisbury, Md.
Smith, Wilson P., archit., Frederick, Md.
Smith, Wilson J., contractor, Wilkes-Barre, Pa.
Smith-Winchester Co., mill & facty. supplies—wholesale hdwe., Jackson, Mich.
Smith & Winchester Mfg. Co., paper & pulp mill machy., etc., So. Windham, Conn.
Smith, Winfield H., boiler flue cleaners, pumping engines, Buffalo, N. Y.
Smith, Worthington Co., horse collars, Hartford, Conn.
Smith & Wyman Co., sashes, doors & blinds, 2nd av & 8th, Minneapolis, Minn.
Smith-Yingling Co., canned goods, Westminster, Md.
Smith, Z. Erol, archit., 5501 Prairie av, Chicago, Ill.
Smithfield Brick & Tile Co., Smithfield, Utah.
Smither, Henry C., Roofing Co., Indianapolis, Ind.
Smithereen Co., liquid soap dispensers, 4523 Cottage Grove av, Chicago, Ill.
Smithfield Packing Co., meat packers, Suffolk, Va.
Smithfield's Pure Food Co., canned goods, Clarkson, N. Y.
Smith's, Albert, Sons, ornamental iron, 73 N. J. R. R. av, Newark, N. J.
Smith's, C. C., Sons Co., whol. hdwe., Terre Haute, Ind.
Smith's, H., Sons, carriages, Manteno, Ill.
Smith's, John E., Sons Co., butchers' machy. & supplies, Buffalo, N. Y.
Smith's, P., & Sons Lumber Co., Newark, Ohio.
Smith's, S. W., Son, contractors, White Plains, N. Y.
S. & M. Lamp Co., 118 W. 36th, Los Angeles, Cal.
Smoak, J. W., machst. & fndr., Orangeburg, S. C.
Smock, F. C., contractor, Lemcke Bldg., Indianapolis, Ind.
Smoky Valley Roller Mills, Lindsborg, Kans.
Smolensky,, M., Mfg. Co., rotary suction check valves, Jasper av & Ridge rd, Cleveland, Ohio.
Smolka, Edw., Plumbing Supply Co., Inc., 231 E. 33d, New York.
Smoot, C. C. & Sons, belting butts, Alexandria, Va.
Smoot Lbr. Co., Cowen, W. Va.
Smoot & Sheehan, contractors, Lynchburg, Va.
Smoot, W. A., & Co., masons' & bldrs.' matls., Alexandria, Va.
Smooth-On Mfg. Co., cements, compounds, hardeners, etc., 572 Communipaw av, Jersey City, N. J.
Smoth, Benj L., contractor, Asbury Park, N. J.
Smouse, Thos. F., lbr., Cumberland, Md.
Smucker, J. M., canned goods, Orrville, Ohio.
Smurr & Kamen Mach. Co., 320 N. Albany, Chicago, Ill.
Smyers, Geo. W., sash, door & blind, Dubois, Pa.
Smyser, Royer Co., iron works, York, Pa.
Smyth-Despard Co., belting, mill & facty. supplies, Utica, N. Y.
Smyth-Donegan Co., mill & facty. & plumbers' supplies—jobbers, 247 St. Marks av, Brooklyn, N. Y.
Smyth Mfg. Co., book binders' machy., Hartford, Conn.
Smyth, Neptune B., Inc., contractor, 417 E. 34th, New York.
Smythe, John M., Mdse. Co., 663 W. Wash. blvd, Chicago, Ill.
Smythe, S. R., Co., furnaces & stoves, 2022H Oliver Bldg., Pittsburgh, Pa.
Snader, D. L., architect, Valparaiso, Ind.
Snaman, Wm. E., architect, Empire Bldg., Pittsburgh, Pa.
Snap Detachable Belt Fastener Co., 128 Murray, Newark, N. J.
Snapp Fdry. Co., Winchester, Va.
Snapp, W. L., carriages, Princeton, Ind.
Snare & Triest Co., steel structural work, 8 W. 40th, New York.
Snead Architectural Iron Wks., Louisville, Ky.
Snead & Co., library book stacks, racks, show cases, etc., Jersey City, N. J.
Snead, W. B. & Co., contractors, Lynchburg, Va.
Snead, W. J., Lbr. Co., Greenwood, S. C.
Sneath Glass Co., Hartford City, Ind.
Sneddon, D. M., Co., blug contrs., 635 Wentworth av, Milwaukee, Wis.
Snedeker Bros., brick, Haverstraw, N. Y.
Snedan, Arthur Durant, architect, 149 B'way, New York.
Sneider Mfg. Co., furn., Dept. H, Logan, Ohio.
Snelbaker, W. B., stone producer, Woodbury, N. J.
Snell & Atherton, leather gauges, knives, tools, Brockton, Mass.
Snell, C. R., & Sons Co., masons' & bldrs.' matls., Herkimer, N. Y.
Snell, Chas. W., Co., curled hair & mattresses, 321 S. Jefferson, Chicago, Ill.
Snell, Geo. H., masons' & bldrs.' matls., Walla Walla, Wash.
Snell, J. M., & Co., masons' & bldrs.' matls., Harrisonberg, Va.
Snell, Jno. H., & Sons, machsts., Hamburg, Pa.
Snell Mill & Grain Co., Clay Center, Kans.
Snell Mfg. Co., augers, bits, countersinks, nails, punches, etc., Fiskdale, Mass.
Snell, R. D., contractor, Albany, Ore.
Snellex Mfg. Co., calipers & hdwe., Dept. H, Rochester, N. Y.
Snelling & Son, carbon paper & typewriter ribbons, 225 34th, Brooklyn, N. Y.
Sneyd Enameled Brick Co., Trenton, N. J.
Snider, C. H., architect, Fairmont, W. Va.
Snider & Druker, contractors, 18 Tremont, Boston, Mass.
Snider, Edw., brick, Uniontown, Pa.
Snider-Flautt Lumber Co., Somerset, Ohio.
Snider, T. A., Preserve Co., canners, 168 N. Michigan av, Chicago, Ill.
Snohomish Dairy Products Co., canned goods, Snohomish, Wash.
Snohomish Iron Works, machsts & fndrs., Snohomish, Wash.
Snook, John B., Sons, architects, 261 B'way, New York.
Snook & Sons, sashes, doors & blinds, Ottumwa, Ia.
Snook & Traver, contractors, Salem, Ore.
Snoqualmie Falls Lbr. Co., Snoqualmie Falls, Wash.
Snow, Abbott L., packing box mfrs., E. Boston, Mass.
Snow, Albert, E. & Co., screw machine products, 252 Broadway, New York *See adv. index at end of book.*
Snow, E. W., & Co., enclosed fuses, Rochester, N. Y.
Snow, F. A., Co., contractors, 79 Milk, Boston, Mass.
Snow Flake Axle Grease Co., Fitchburg, Mass.
Snow Flake Canning Co., Brunswick, Me.
Snow, Franklin A., Co., window screens, 79 Milk, Boston, Mass.
Snow & Golgiani, machsts. & fndrs.' supplies, 537 2d, San Francisco, Cal.
Snow, I. L., & Co., ship bldrs., Rockland, Me.
Snow Lbr. Co., Highpoint, N. C.
Snow Lbr. & Shingle Co., Littell, Wash.
Snow, Melville E., mason contr., Norfolk, Conn.
Snow & Nealley Co., mill & facty. supplies, Bangor, Me.
Snow & Petrelli Mfg. Co., machsts., New Haven, Conn.

Snow, S. M., mill engineers, Boston, Mass.
Snow, Sam'l E., bldg. contr., Lowell, Mass.
Snow Shoe Fire Brick Co., Snow Shoe, Pa.
Snow, T. W., Const. Co., ditcher & grader, & water columns, 117 N. Dearborn, Chicago, Ill.
Snow, Tom, Heating & Roofing Co., cornices & skylights, Chattanooga, Tenn.
Snow, W. A., Iron Works (Inc.), ornamental iron work & iron fences, 32 Portland, Boston, Mass.
Snow, Walter B., & Staff, advertising counsellors, 60 High, Boston, Mass.
Snow Wire Wks. Co., Rochester, N. Y.
Snowden, A. D., & Bros., flour mills, Irvine, Ky.
Snowden Bros., machsts. & fndrs., Hughesville, Pa.
Snowdon, Geo., leaded glass, Utica, N. Y.
Snowville Milling Co., flour, Snowville, Va.
Snyder & Barnett, contractors, Frankfort, Ind.
Snyder, C. J., lumber, Millersburg, Pa.
Snyder Co., electric furnaces, 53 W. Jackson blvd, Chicago, Ill.
Snyder Co., sashes, doors & blinds, Hutchinson, Kans.
Snyder, D. D., & Co., carriages, Danville, Ill.
Snyder, E. C., sashes, doors & blinds, Harrisburg, Pa.
Snyder, E. F., slate laundry tubs, Slatington, Pa.
Snyder, Edw. H., front brick, Hanover, Pa.
Snyder, F. Edw., braces (screen doors), Massillon, Ohio.
Snyder, Frank Co., archl. iron, 513 E. N. W., Washington, D. C.
Snyder, Frank W., Contrg. Co., stone producers, 372 Grove, Newark, N. J.
Snyder-Gillett Contr. Co., Niagara Falls, N. Y.
Snyder, H. F., fndrs., Churchville, N. Y.
Snyder, H. P., Mfg. Co., machsts., Little Falls, N. Y.
Snyder, Harry M., Roofing Co., cornices & skylights, Spokane, Wash.
Snyder, Hy. J., lumber, Pottstown, Pa.
Snyder Hunt Co., porcelain insulators, Belle Plaine, Ia.
Snyder, J., contractor, 4436 Forest av, Cincinnati, Ohio.
Snyder, J. B., contractor, Everett, Wash.
Snyder, J. C., masons' & bldrs.' matls. ,Fulton, Ill.
Snyder, J. E., & Son, drilling machines, Worcester, Mass.
Snyder, J. O., contractor, Homestead, Pa.
Snyder, J. W., Co., contractors, 122 S. Michigan av, Chicago, Ill.
Snyder, J. Y., archit., Merchants Bldg., Shreveport, La.
Snyder, Jos. B., contractor, Muncie, Ind.
Snyder, Kirby T., architect, Plymouth Bldg., Minneapolis, Minn.
Snyder, Lew V., contractor, 205 Ionic, Philadelphia, Pa.
Snyder, Louis B., cornices, Homstead, Pa.
Snyder, M. L., & Son, fire equipt. & rubber gds., 223 Church, Phila., Pa.
Snyder, M. V., contractor, Bethlehem, Pa.
Snyder, Owen T., & Co., elevator safety devices, Columbus, O.
Snyder, Paul J., & Co., Bailey Bldg., Philadelphia, Pa.
Snyder, Ralph, architect, Hayden Bldg., Columbus, Ohio.
Snyder, Robt. W., architect, Brook bldg, Scranton, Pa.
Snyder Roofing Co., Zanesville, Ohio.
Snyder, Sam'l, architect, Chippewa Falls, Wis.
Snyder Steel & Iron Wks. Co., transfer tables, Kansas City, Mo.
Snyder, T. H., & Co., soap, 8 E. 3d, Cincinnati, Ohio.
Snyder, Thos. L., machsts. & fndrs., Pillow, Pa.
Snyder, W. P., & Co., iron ore & coke, Oliver Bldg., Pittsburgh, Pa.
Snyder, W. W., Mfg. Co., straw board, Cohoes, N. Y.
Snyder Wagon Co., Ltd., Shreveport, La.
Snyder, Wm. F., architect, Radford Bldg., Yonkers, N. Y.
Snyder, Wm. H., grain elevator builders, Carey, Ohio.
Snyder, Wm. H., Co., engravers' metal plates, 247 Centre, New York.
Soapitor Co., 154 W. 14th, New York
Sobel & Kraus, cornices, 307 W. 117th, New York.
Sober, C. K., acet. gas machines, Lewisburg, Pa.
Sobey, Jas.; lbr.; Seattle, Wash.
Sobkowiak, Frank, masons' & bldrs.' matls., La Crosse, Wis.
S. O. & C. Co., shoe eyelets, Ansonia, Conn.
Social Circle Mfg. Co., fertilizer, Social Circle.
Society of Shakers, sweaters, etc., Enfield, N. H.
Socola Rice Milling Co., 600 Decatur, New Orleans, La.
Sodemann Heat & Power Co., 2306 Morgan, St. Louis, Mo.
Soden, J. R., flour, Emporia, Kans.
Soderberg, Andrew F., architect, 7211 Howard av, Urbana, Ill.
Soderberg, Fred, architect, 1st Nat'l Bk. Bldg., Oakland, Cal.
Soderberg, J. A., wood pipe, Seattle, Wash.
Soderling, Walter, Co., Inc., respirators, 347 W. Broadway, New York.
Soderstrom, E., patterns & models, Wichita, Kans.
Sodus Canning Co., Sodus, N. Y.
Soeffing, Adolph, Co., whol. hdwe., 833 Arch, Philadelphia, Pa
Soetemon Bros., contractors, Yonkers, N. Y.
Sofe, James, tubular boilers, Olympia, Wash.
Sofranscy, H., Co., scrap rubber, iron & steel, Allentown, Pa.
Sogg, Allen, architect, 318 Hippodrome bldg, Cleveland, Ohio
Sohl, Fred E., tackle blocks, Seattle, Wash.
Sohm Elec. Co., boxes, clocks, recorders, stamps, etc., 841 Blue Island av, Chicago, Ill.
Sohmer & Co., pianos, 315 5th av., New York.
Sohn, Dan'l, Mach. Co., Rochester, N. Y.
Sohn, H. M., architect, 452 5th av. New York
Sohst, John E. W., auto repairs, 2720 B'way, Oakland, Cal.
Soiset Bros., sash, doors & blinds, Sioux City, Iowa
Soisson, Jos., Fire Brick Co., Connellsville, Pa.
Sokup, F. J., cornices, Grand Rapids, Mich.
Solano Iron Wks., cross arm braces, Benicia, Cal.
Solar Elec. Co., elec. illuminated signs, shade holders, etc., 54 W. Lake, Chicago, Ill.
Solar Light Co., 69 Wooster, New York.
Solar Metal Products Co., hollow metal & steel doors, Columbus, Ohio
Solar Prism Co., prismatic glass mfrs., Cleveland, Ohio.
Solar Refining Co., petroleum, Lima, Ohio.
Solarine Co., metal polish, 153 N. Carpenter, Chicago, Ill., & Emerson bldg., Baltimore, Md.
Solberg, A., Lumber Co., Blooming Prairie, Minn.
Solderall, G., Co., solder, etc., 127 Sussex av, Newark, N. J.
Soldwedel, Fred'k A., architect, 140 E. 49th, New York
Solfisburg's, C., Sons, brick, Aurora, Ill.
Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.
Sollitt Kitchen Door, 407 Rookery Bldg., Chicago, Ill.
Sollitt, Oliver, Construction Co., 481 N. Waller, Chicago, Ill.
Sollitt, Simmer Co., contrs., Pullman bldg, Chicago, Ill.
Solms, Geo., Co., masons' & bldrs.' matls., Maure av, Richmond Hill, N. Y.
Solmson, M., Fly Screen Co., Bayard & Nanticoke, Baltimore, Md.
Solomon-Hayes-Cowley Co., lbr., Oscoda, Mich.
Solomon, Jos. scrap iron, Beaver Falls, Pa.
Solomon, Moses, scrap iron, Beaver Falls, Pa.
Solomon Packing Co., canned goods, North Cove, Wash.
Solon Lbr. Co., Solon, Maine.
Solshine Mfg. Co., metal polish, 22 Custom House, Boston, Mass.
So-Lumbinum Mfg. & Engng. Co., aluminum solder mfrs., 1790 Broadway, New York.
Solvay Process Co., chemical mfrs., (Solvay), Syracuse, N. Y.
Solvos Co., rubber sheeting, 4216 Calumet av, Chicago, Ill.
Sombart Milling Co., flour, Boonville, Mo.
Somelastique Bedding Co., spring beds, 301 E. 22d, New York.
Somers Brick Co., Atlantic City, N. J.
Somers Bros. Mfg. Co., concrete bldg. block mach'y, Urbana, Ill.
Somers Co., Inc., mfrs. of sheet brass, German silver bronze, Waterbury, Conn.
Somers, Elbert S., architect, 6959 N. Ashland av, Chicago, Ill.
Somers, Fitler & Todd Co., machinery, mill & facty. supplies, 325 Water, Pittsburgh, Pa.
Somers, Harold, fly swatters, killers, 150 De Kalb av, Brooklyn, N. Y.
Somers, Jas. M., Co., rules, Bridgeport, Conn.
Somers Lumber Co., sash, door & blind, Atlantic City, N. J.
Somers Lbr. Co., Somers, Mont.
Somers, Patrick E., tacks, nails, etc., Worcester, Mass.
Somerset Door & Column Co., Somerset, Pa.
Somerset Knitting Co., bathing suit mfrs., 1 Station, Boston, Mass.
Somerset Milling Co., flour, Somerset, Ky.
Somerset Packing Co., canned goods, Upper Fairmount, Md.
Somerset Rubber Reclaiming Wks., New Brunswick, N. J.
Somerset Stone Co., Johnstown, Pa.
Somerset Stove Foundry Co., Somerset, Mass.
Somersworth Fdry. Co., Salmon Falls, N. H.
Somersworth Grain Co., masons' & bldrs.' matls., Somersworth, N. H.
Somerville Iron Fndry. Co., Somerville, Mass.
Somerville Iron Wks., mchsts. & fndrs., Somerville, N. J.
Somerville Stove Wks., Somerville, N. J.
Somerville, Thos., Co., plumbers' & steamfitters' supplies, 312 13th, N. W., Washington, D. C.
Somerville & Yost, architects, 462 E. Exchange, Akron, Ohio.
Somerworth Fdry. Co., Salmon Falls, N. H.
Somes, Dana, 119 Water, Boston, Mass.
Sommarstrom Bros., contrs., Oakland, Cal.
Sommer-Adams Co., mchst., E. 55th & Francis av, Cleveland, O.
Sommer Badge Mfg. Co., buttons, Newark, N. J.
Sommer, H. F., & Co., patent leather, 219 Hamburg pl, Newark, N. J.
Sommer, J. L., Mfg. Co., novelties, Newark, N. J.
Sommer, John, Faucet Co., woodenware mfrs., 30 Morris, Newark, N. J.
Sommerfeld, A., cornices 4077 Pk. av, New York.
Sommerfeld Mach. & Mfg. Co., glass presses, 216 2d av, Pittsburgh, Pa.
Sommerfeld & Steckler, architects, 31 Union sq, New York.
Sommers Bros. Match Co., lbr., Saginaw, Mich.
Sommers, Frank J., elec. contr., San Jose, Cal.
Sommerse Hardware Co., Clarksdale, Miss.
Sommerstown Shipbldg. Co., Columbia City, Ore.
Sommerville Elevator Co., 156 W. 30th, New York.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Soncrant, Leon, contractor, Wyandotte, Mich.
Sondheimer, E., Co., lumber, Memphis, Tenn.
Sones, C. W., lumber, Williamsport, Pa.
Sonestown Mfg. Co., clothes pins, Williamsport, Pa.
Sonken, Galamba, Iron & Metal Co., second-hand r. r. equipt., North 2nd, Kansas City, Kans.
Sonman Shaft Coal Co., bituminous, Minersville, Pa.
Sonn, A. L., Brush Co., Troy, N. Y.
Sonneborn, L., Sons, oils, paints, polishes, etc., 262 Pearl, New York.
Sonneman, C. G., & Son, lumber mfrs., Vandalia, Ill.
Sonnemann, Alex. H., architect, 2,440 16th, Washington, D. C.
Sonnenberg, Jos., architect, Irvington, N. J.
Sonner, P. J., contractor, Plymouth Bldg., Minneapolis, Minn.
Sonnhalter Sand & Stone Co., Massillon, Ohio.
Sonnichsen, S. E., architect., 4131 Boston blk, Seattle, Wash.
Sonntag, Geo. W., masons' & bldrs.' matls., Evansville, Ind.
Sonoma Magnesite Co., Humboldt Bank Bldg., San Francisco, Cal.
Sonora Phonograph Corp., talking machines, 279 B'way, New York.
Sous, Cunningham, Reed & Rattan Co., furn., 157 E. 32nd, Dept. H, New York.
Soo Hardware Co., Sault Saint Marie, Mich.
Soo Woolen Mills, lumbermen's socks, Sault Ste Marie, Mich.
Soper, A. C., Co., canned goods, Farmingdale, N. J.
Soper, F. J., architect, 610 S. B'way, Los Angeles, Cal.
Soper, Geo. E., machst. & fndr., Kankakee, Ill.
Soper Lumber Co., 2204 Loomis, Chicago, Ill.
Soperton Guano Co., Soperton, Ga.
Soracco, John J., scrap iron & steel, 116 3d av, Pittsburgh, Pa.
Soraci Contr. Co., 170 B'way, New York.
Soren & Kelman, contractors, 230 Saratoga, Providence, R. I.
Sorensen, H. P., contractor, 13th & Harrison, South Omaha, Neb.
Sorensen, O. J., store & bar fixtures, La Crosse, Wis.
Sorensen, P., automatic switches, watch demagnetizers, etc., 18 Dunham pl, Brooklyn, N. Y.
Sorenson, E., Co., Inc., surgical instruments, 177 E. 87th, New York
Sorenson, Gilbert, boilers, Casselton, N. D.
Sorenson, Louis, contractor, 189 W. Madison, Chicago, Ill.
Sorenson, N. C., architect, Albert Lea, Minn.
Sorenson, Walter, contractor, Berkeley, Cal.
Sorg, Paul A., Paper Co., Middletown, Ohio.
Sorge, A., Jr., & Co., steam traps, exhaust heads, Monadnock Bldg., Chicago, Ill.
Sorge, Kurt, pumps, 224 E. 80th, New York.
Sorgel Elec. Co., carbon brushes, Milwaukee, Wis.
Sorrell, Richard H., contractor, 329 N. S. W., Washington, D. C.
Sosman & Landis Co., scenic artists, 417 S. Clinton, Chicago, Ill.

Soss Mfg. Co., die casting machines, hinges, etc., Grand av, Brooklyn, N. Y.
Sotter Bros., boilers, fndry. cupolas, heating contrs., tanks, etc., Pottstown, Pa.
Soucie, A., contractor, Medina, N. Y.
Soudan Specialty Mfg. Co., disinfectants, 961 Alexander, Milwaukee, Wis.
Souden & Morrison, granite, S. Quincy, Quincy, Mass.
Souder, C. P., architect, Niles, Ohio.
Souder & Crouthamel, masons' & bldrs.' matls., Souderton, Pa.
Souder, E. A., & Co., lbr., Franklin Bank Bldg., Phila., Pa.
Souder, F. M., stone, Millville, N. J.
Souders, Byron, contractor, Atlanta, Ga.
Soule, Edw. L., Co., iron & steel products of all kinds, Rialto bldg, San Francisco, Cal. *See adv. index at end of book*
Soule, L. P., & Son Co., contractors, 80 Boylston, Boston, Mass.
Soule Steam Feed Wks., Meridian, Miss.
Soule, Thomas H., architect, Caldwell, Idaho.
Soule, Turney, masons' & bldrs.' matls., New Milford, Conn.
Soule, Winsor, architect, 1206 Staten Island, Santa Barbara, Cal.
Sound Lumber Co., Seattle, Wash.
Soutar, R., contractor, Lake Geneva, Wis.
Soutar & Ritchie, contractors, Troy, N. Y.
South Amboy Lumber & Supply Co., South Amboy, N. J.
South Amboy Terra Cotta Co., 150 Nassau, New York.
South American Gold & Platinum Co., platinum miners, 61 Broadway, New York.
South Atlantic Fertilizer Co., Augusta, Ga.
South Atlantic Lbr. Co., Greensboro, N. Car.
South Atlantic Packing & Provision Co., Savannah, Ga.
South Atlantic Waste Co., Charlotte, N. C.
South Barre Granite Co., Inc., Barre, Vt.
South Bend Bait Co., fishing tackle mfrs., South Bend, Ind.
South Bend Boiler Wks., steel tanks, South Bend, Ind.
South Bend Chilled Plow Co., plow stocks, South Bend, Ind.
South Bend Dowel Works, South Bend, Ind.
South Bend Foundry Co., South Bend, Ind
South Bend Lathe Works, South Bend, Ind.
South Bend Mills & Timber Co., lumber, South Bend, Wash
South Bend Motor Car Wks., South Bend, Ind.
South Bend Paper Co., paper bag machy., South Bend, Ind.
South Bend Spark Arrester Co., South Bend, Ind.
South Bend Spring Wagon & Carriage Co., auto. metal bodies, South Bend, Ind.
South Bend Supply Co., mill & facty. supplies, South Bend, Ind.
South Bend Toy Mfg. Co., South Bend, Ind.
South Bend Watch Co., machsts., South Bend, Ind.
South Bros. Trunk Co., 2025H Franklin, Waco, Texas.
South Carolina Pottery Co., North Augusta, S. C.
South Chester Tube Co., Pipe Mills, Chester, Pa.
South Coast Canning Co., Long Beach, Cal.
South Coventry Paper Co., South Coventry, Conn.
South Dakota Prov. Co., meat, Sioux Falls, S. D.
South Dakota State College, engrag. school & coll., Brookings, S. D.
South End Machine Co., Akron, Ohio.
South Fla. Fdry & Mach. Works, Orlando, Fla.
South Fork Fire Brick Co., South Fork, Pa.
South Fork Fdry. & Mach. Wks., mine car wheels, South Fork, Pa.
South Georgian Buggy Co., Valdosta, Ga.
South Georgia Fertilizer Co., McRae, Ga.
South Ga. Milling Co., feed, Valdosta, Ga.
South Halsted Street Iron Wks., 2607 S. Halsted, Chicago, Ill.
South Haven Preserving Co., South Haven, Mich.
South Implement Co., heavy hdwe., Dept. H, Greenville, S. C.
South Jersey Canning Co., Pedricktown, N. J.
South Jersey Farmers' Exchange, fertilizer mfrs., Woodstown, N. J.
South Lebanon Canning Co., South Lebanon, O.
South Memphis Brick Co., Memphis, Tenn.
South Michigan Brick Co., Kalamazoo, Mich.
South Park Foundry & Machine Co., St. Paul, Minn.
South Penn. Bldg. Co., Uniontown, Pa.
South Pittsburgh Fdry. Co., South Pittsburgh, Tenn.
South River Brick Co., South River, N. J.
South River Lbr. Co., Cornwall, Va.
South St. Louis Foundry Co., derricks, hoists, etc., 7514 So. Broadway, St. Louis, Mo.
South San Francisco Dock Co., San Francisco, Cal.
South San Francisco Packing & Provision Co., meat packers, 407 Front, San Francisco, Cal.
South Seattle Foundry Co., Seattle, Wash.
South Shore Constr. Co., Erie, Pa.
South Side Brick Co., Richmond, Va.
South Side Cereal Mills, cereal foods, Ft. Wayne, Ind.
South Side Chandelier Co., elec. light. fix. mfrs., 5852 S. Halsted, Chicago, Ill.
South Side Cornice Wks., 4324 Cottage Grove av, Chicago, Ill.
South Side Fdry. & Machine Wks., Charleston, W. Va.
South Side Interior Finish Co., sash, door & blind mfrs., 5837 Laflin, Chicago, Ill.
South Side Malleable Casting Co., 14th av & Ry. Tracks, Milwaukee, Wis.
South Side Stone Co., Bloomington, Ind.
South Texas Lbr. Co., Houston, Texas.
South Western Portland Cement Co., stone producers, El Paso, Texas.
Southall, Geo. A. & Co., masons & bldrs.' matls., Marion, Ind.
Southard, Chas. H., Co., bldg. materials, 9th av nr 15th, New York.
Southard, J. E., & Son, Michigan City, Ind.
Southard Novelty Co., advtg. nov., Columbus, Ohio.
Southard-Robertson Co., stoves, 257 Water, New York.
Southeastern Farm Implt. Co., dlrs., Greenville, S. C.
Souther, E. E., Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Souther, Henry, Engineering Corp., consulting engineers, metallurgical, sanitary inspecting, 111 Laurel, Hartford, Conn.
Souther, Jno., & Co., machsts. & fndrs., 101 Tremont, Boston, Mass.
Southerland, W. M., Bldg. Cont'g. Co., Syndicate Trust Bldg., St. Louis, Mo.
Southern Acid & Sulphur Co., Boatmen's Bank bldg., St. Louis, Mo.
Southern Asbestos Mfg. Co., Inc., mill supps, pipe & boiler coverings, etc., Richmond, Va.
Southern Aseptic Laboratories, absorbent cotton, Columbia, S. C.
Southern Auto & Mach. Co., water supply outfits, 116 Roberts av, St. Louis, Mo.
Southern Bagging Co., mattresses, Norfolk, Va.
SOUTHERN ARCHITECT & BUILDING NEWS, Atlanta, Ga. *See adv. index at end of book*
Southern Bedding Mfg. Co., mattresses, Austin, Tex.
Southern Belting Co., Atlanta, Ga.
Southern Belting Co. of New Orleans, La., 602 S. Peters, New Orleans, La.
Southern Board & Paper Mills, Los Angeles, Cal.
Southern Boiler & Tank Wks. Co., Memphis, Tenn.
Southern Boiler Works, Belleville, Ill.
Southern Box & Lumber Co., Savannah, Ga.
Southern Brass Mfg. & Plating Co., Houston, Tex.
Southern Brick & Tile Co., Louisville, Ky.
Southern Bridge Co., Birmingham, Ala.
Southern Broom Mfg. Co., Atlanta, Ga.
Southern Bldg. Co., contrs., Bessemer, Ala.
Southern Building Supply Co., Montgomery, Ala.
Southern California Fish Co., canners, Los Angeles, Cal.
Southern California Gas Co., 740H S. B'way, Los Angeles, Cal.
Southern California Hardwood & Mfg. Co., 1430 S. Alameda, Los Angeles, Cal.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Southern Can Co., 717 S. Wolfe, Baltimore, Md.
Southern Car Co., High Point, N. C.
Southern Carbon Co., Warren, Ohio.
Southern Carriage Wks., Beaumont, Tex.
Southern Casket Co., Louisville, Ky.
Southern Cement Co., Birmingham, Ala.
Southern Chair Co., High Point, N. C.
Southern Chemical Co., fertilizer mfrs., Roanoke, Va.
Southern Chemical & Mfg. Co., Memphis, Tenn.
Southern Clay Mfg. Co., brick, Chattanooga, Tenn.
Southern Coal, Coke & Mining Co., Security bldg, St. Louis, Mo.
Southern Coffin & Casket Co., Knoxville, Tenn.
Southern Constr. & Mill Supply Co., Houston, Texas.
Southern Constr. & Supply Co., Atlanta, Ga.
Southern Cooperage Co., Claremont, Va.
Southern Cooperage Co., 3160 Chartres, New Orleans, La.
Southern Co-Operative Foundry Co., Rome, Ga.
Southern Cotton Oil Co., fertilizer mfrs., 120 B'way, New York.
Southern Coupon Co., books, Birmingham, Ala.
Southern Creosoting Co., Ltd., Slidell, La.
Southern Desk Co., Hickory, N. C.
Southern Door & Glass Co., Nashville, Tenn.
Southern Drainage & Lbr. Co., Hunter Ark.
Southern Elec. Co., massage vibrators, 1100 Pine, St. Louis, Mo.
Southern Electric Co., 9H S. Gay, Baltimore, Md.
Southern Elev. Co., machsts., Louisville, Ky.
Southern Engine and Boiler Mfg. Co., Jackson, Tenn.
Southern Exch. Co., ties, poles, etc., 97 Warren, New York.
Southern Extract Co., Knoxville, Tenn.
Southern Fero Concrete Co., Atlanta, Ga.
Southern Ferro Alloys Co., Chattanooga, Tenn.
Southern Fertilizer & Chemical Co., Savannah, Ga.
Southern Fertilizer Co., Louisville, Ky., Clayton, Ala., Orlando, Fla.
Southern Fire Brick & Clay Co., 133 W. Washington, Chicago, Ill.
Southern Fdry. Co., Nashville, Tenn., Owensboro, Ky. & Valdosta, Ga.
Southern Fdry. & Mach. Co., Lexington, Tenn.
Southern Furn. Co., Dept. H, Atlanta, Ga.
Southern Furn. Co., Dept. H, Lake Charles, La.
Southern Furniture Co., Texarkana, Tex.
Southern Gem Coal Corp., Oil Colony bldg, Chicago, Ill.
Southern Graphite Co., Ashland, Ala.
Southern Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.
Southern Gypsum Co., wall plaster & stucco mfrs., North Holston, Va.
Southern Hardware Co., Charlotte, N. C.
Southern Hardware Co., Ltd., Monroe, La.
Southern Hdwe. Co., whol., 1700H Locust, St. Louis, Mo.
Southern Heating Co., Memphis, Tenn.
Southern Ice & Refrigerating Co., Charlotte, N. C.
Southern Illinois Milling & Elevator Co., flour, Murphysboro, Ill.
Southern Implement Mfg. Co., peanut pickers & threshers, Dept. H, Columbus, Ga.
Southern Improvement Co., contrs., 73 W. Monroe, Chicago, Ill.
Southern Ind. Mfg. Co., lbr., Birds Eye, Ind.
Southern Iron & Commission Co. scrap iron, Birmingham, Ala.
Southern Iron & Equipment Co., mchsts. & fdrs., Atlanta, Ga.
Southern Iron & Metal Co., castings, Jacksonville, Fla.
Southern Jobbers & Supply Co., machy., New Orleans, La.
Southern Locomotive Valves Gear Co., Knoxville, Tenn.
Southern Lumber Co., Boulder Creek, Cal.; Fayette, Ala.; Savannah, Ga.; Memphis, Tenn.; Myrtis, La., & Warren, Ark.
Southern Lbr. & Mfg. Co., Nashville, Tenn.
Southern Lumber & Supply Co., Paulding, O.; Tampa, Fla.
Southern Lbr. & Timber Co., Hillsdale, Miss.
Southern Lumberman, trade publication, Nashville, Tenn.
Southern Mach. Wks., 835 Tchoupitoulas, New Orleans, La. & Albany, Ga.
Southern Machinery Co. mill & facty supps, Atlanta, Ga.
Southern Manganese Co., Anniston, Ala.
Southern Mfg. Co., flannels, Athens, Ga.
Southern Mfg. Co., overalls, 19 E. 3rd, Charlotte, N. C.
Southern Mfg. Co., sashes, doors & blinds, Gadsden, Ala.
Southern Marble Co., Worcester, Mass.
Southern Marble & Granite Co., Spartansburg, S. C.
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Southern Milling Co., flour, Nashville, Tenn.
Southern Mills Corp., cordage & twine mfrs., Oxford, Ala.
Southern Novelty Co., cloth tubes, Hartsville, S. C.
Southern Nov. Mfg. Co., advtg. spec., Memphis, Tenn.
Southern Oil & Chemical Co., printing inks & rosin oils, Savannah, Ga.
Southern Oil Corp., Tulsa, Okla.
Southern Oil Treating & Hardening Co., stearin, Atlanta, Ga.
Southern Oregon Co., lumber, North Bend, Ore.
Southern Pacific Ry. Shops, mchsts. & fndrs., New Orleans, La.
Southern Paint & Varnish Wks., Atlanta, Ga.
Southern Paper Co., Moss Point, Miss.
Southern Paving Construction Co., Chattanooga, Tenn.
Southern Paving Gravel Co., Savannah, Ga.

Southern Pine Assn., lumber, New Orleans, La.
Southern Pine Lumber Co., Montgomery, Ala. & Texarkana, Ark.
Southern Pine Mfg. Co., cross arms, Paducah, Ky.
Southern Pine Sales Corp., lbr. Sales office, 1236 Woolworth bldg., New York.
Southern Pipe & Fdry. Co., grey iron castings, Knoxville, Tenn.
Southern Planing Mills, Meridian, Miss.
Southern Plow Co., Dallas, Tex.
Southern Plow Co., plow stocks, Columbus, Ga.
Southern Potteries, Inc., Erwin, Tenn.
Southern Press Cloth Mfg. Co., Augusta, Ga.
Southern Product Co., canned goods, Seminary, Miss.
Southern Railway Supply Co., mill & factory supply, wholesale, 1323 E. Main, Richmond, Va.
Southern Railway Supply & Equipment Co., 17th & Ohio, St. Louis, Mo.
Southern Refining & Mfg. Co., terminal tracks nr. Frenchmen, New Orleans, La.
Southern Rice Milling Co., 325 N. Peters, New Orleans, La.
Southern Rock Island Plow Co., Dallas, Tex.
Southern Roller Stave & Heading Co., Elizabeth City, N. C.
Southern-Rome Co., metal bedsteads mfrs., 623 W. Pratt, Baltimore, Md.
Southern Rubber Belting Co., mill & facty. supps., Houston, Texas.
Southern Saddlery Co., Chattanooga, Tenn.
Southern Sand & Gravel Co., Richmond, Va.
Southern Saw Works, East Point, Ga.
Southern Saw Mill Co., Thomasville, Ga., & Whitney Bldg., New Orleans, La.
Southern Seed Co., acid phosphate, Louisville, Ky.
Southern Sewer Pipe Co., Birmingham, Ala.
Southern Sheet & Lime Plate Co., tin & iron sheets, Ashland, Ky.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Southern Spindle & Flyer Co., Charlotte, N. C.
Southern Spoke & Mfg. Co., Shelby, Miss.
Southern Spring Bed Co., Atlanta, Ga.
Southern Stamp Co., Little Rock, Ark.
Southern States Bag Co., Jacksonville, Fla.
Southern States Equipt. Co., 2nd hand machy., 712H Hennen Bldg., New Orleans, La.
Southern States Lime Corp., Charleston, S. C.
Southern States Lumber Co., Pensacola, Fla.
Southern States Phosphate & Fertilizer Co., Augusta, Ga.
Southern States Portland Cement Co., Rockmart, Ga.
Southern States Supply Co., mill & facty. & plumbers' supplies, Columbia, S. C.
Southern Stove Wks., Evansville, Ind.
Southern Stove Works, Richmond, Va.
Southern Structural Steel Co., San Antonio, Tex.
Southern Supply Co., mill & factory supplies, Norfolk, Va.
Southern Supply Co., plumbers' supplies—jobbers, Calvert & Sara, Baltimore, Md.
Southern Sweat Pad Co., Evansville, Ind.
Southern Syrup Co., canners, Montgomery, Ala.
Southern Tent & Awning Co., Lexington, Ky.
Southern Texile Machy. Co., Greenville, S. C. & Paducah, Ky.
Southern Tile & Brick Wks, Jackson, Tenn.
Southern Torpedo Co., Parkersburg, W. Va.
Southern Trading Co., architect, 107 N. Church, Spartansburg, S. C.
Southern Trading Co., mill & facty. supplies, Fort Worth, Tex.
Southern Upholstering Co., furn., Dept. H, Atlanta, Ga.
Southern Valve Gear Co., Knoxville, Tenn.
Southern Welding & Reclaiming Co., Birmingham, Ala.
Southern Wheel Co., machsts. & fndrs., Railway Exch. Bldg., St. Louis, Mo.
Southern Wheel Stock Co., Ironton, Ohio.
Southern Wire & Iron Works, settees & chairs, lawn, Atlanta, Ga.
Southern Wis. Fndry. Co., Madison, Wis.
Southern Wood Preserving Co., ties, poles & posts & wood paving blocks, Atlanta, Ga.
Southey, Ernest G., architect, 983 Broad, Bridgeport, Conn.
Southgate, Donald W., architect, Cumb Press Bldg., Nashville, Tenn.
Southgate Press, calender pads, 87 Broad, Boston, Mass.
Southington Hdwe. Co., bevels, glass cutters, etc., Southington, Conn.
Southington Lumber & Feed Co., Southington, Conn.
Southington Mfg. Co., bit braces, handles, screw driver mfrs., Southington, Conn.
Southside Roller Mills Co., Winston-Salem, N. C.
Southwark Foundry & Machine Co., 1128 S. 4th, Phila., Pa.
Southwark Mfg. Co., whiting & Paris white mfrs., Camden, N. J.
Southwark Scale Co., machsts. & fndrs., Camden, N. J.
Southwest Hardware Co., 335 E. 3rd, Los Angeles, Cal.
Southwest Mfg. Co., lbr., Raymond, Wash.
Southwest Mfg. Co., silos, Oklahoma, Okla.
Southwest Plumbing Supply Co., 2030 Walnut, Kans. City, Mo.
Southwest Wire & Iron Works Co., mining screens, Kansas City, Mo.
Southwestern Broom Mfg. Co., Evansville, Ind.
Southwestern Engng. Co., flotation mach., 606 S. Hill st, Los Angeles, Cal.
Southwestern Engng. Co., grain elevator machy., etc., Springfield, Mo.
Southwestern Mfg. Co., machsts. & fndrs., Okla., Okla.
Southwestern Mechanical Co., Ft. Worth, Tex.
Southwestern Oil Corp., Oklahoma, Okla.
Southwestern Paint & Varnish Co., Kansas City, Mo.
Southwestern Portland Cement Co., El Paso, Tex.
Southwestern Sash & Door Co., Phoenix, Ariz.
Southwick, Geo., belt tighteners, 9 Maiden la, New York.
Southwick, Geo. W., Co., mill & facty. supplies, Stamford, Conn.
Southwick-Pom McFate Co., contrs., 5222 St. Jean, Detroit, Mich.
Southwick, Theron T., Oil Co., oils, Rochester, N. Y.
Southworth Co., paper & pulp mills, Mittineague, Mass.
Southworth Mach. Co., printers, bookbinders & turret screw machinery, Portland, Me.
Souvenir Lead Pencil Co., Ceder Rapids, Ia.
Souweine Mfg. Co., hand mirrors, 103 Varick, New York.
Soverbutt, J. S. (Est. of), carriages, Paterson, N. J.
Sovereign C. E. Co., leather gaskets, Rockford, Ill.
Soverel, S. H., contractor, Orange, N. J.
Sowers, Assa, chemist, 104 John, New York
Sowers Mfg. Co., soap makers' machy., 1320 Niagara, Buffalo, N. Y.
Sowle, J. E., mill & facty. supplies, Gloversville, N. Y.
Sowney & Bros., carriages, 1204 Frankford, Philadelphia, Pa.
Spacke Mach. & Tool Co., journal bearings, gears, engines, piston rings, etc. Indianapolis, Ind.
Spackman, Henry S., engr., 2024 Arch, Phila., Pa.
Spadone Machine Co., Inc., cloth cutting machines, 126 Duane, New York.
Spafford Machine Screw Wks., screws & screw mach. prodts. mfrs., 516 Asylum, Hartford, Conn.
Spahr Mfg. Co., milk bottle caps, 1423 Vine, Philadelphia, Pa.
Spakrs, Thos. E., contractor, Kirklin, Ind.
Spalding, A. G., & Bros., sporting goods mfrs., 126 Nassau, New York.
Spalding Construction Co., Rialto Bldg., San Francisco, Cal.
Spalding Fndry. Co., Atlanta, Ga.
Spalding, H. M., & Son, masons' & bldrs.' matls., Troy, Pa.
Spalding Lumber Co., 208 S. La Salle, Chicago, Ill.
Spalding, Melvin P., architect, 137 E. 46th, New York.
Spalding-Robbins Disc Plow Co., see Cal. Plow Co. (successors).
Spalding & Stewart, architects, Thief River Falls, Minn.
Spalding Tilling Machine Co., gang plows, Cleveland, Ohio.
Spalten Bros., cornices, 1240 S. Crawford av, Chicago, Ill.
Spang, Chalfant & Co., machsts. & fndrs., Union Bank Bldg Pittsburgh, Pa.
Spang & Co., machinists, Butler, Pa.
Spangenberg, Frank A., architect, Prudential Bldg., Buffalo, N. Y.
Spangler, Chas., machinists & founders, Allentown, Pa.
Spangler, E. J., Co., paper cups, envelopes, etc., 1237 N. Howard, Philadelphia, Pa.
Spangler, W. H., woolen flannels and blankets, Fitzpatrick, W. Va.
Spanish-American Cork & Specialty Co., cork mfrs., Westport, Balto., Md.
Spanish Peak Lumber Co., 1st Natl. Bank. Bldg., San Fran., Cal.
Spanjer Bros., wood models, trade marks & monograms, 198 Badger av, Newark, N. J.
Spann, Henry L., architect, Mutual Life bldg, Buffalo, N. Y.
Spannhake, Otto L., architect, 116 Nassau, New York
Spanogle-Yeager Milling Co., flour, Lewistown, Pa.
Sparger Concrete Co., Seattle, Wash.
Spargo, John, contrs., 240 Montgomery, San Francisco, Cal.
Spargo, Wm. T., granite, S. Quincy, Quincy, Mass.
Spargo Wire Co., Rome, N. Y.
Sparklin & Childs, architects, Law Bldg., Baltimore, Md.
Sparks, C. A., contractors, Danville, Ill.
Sparks & Evans, contractors, Abbott Bldg., Philadelphia, Pa.
Sparks Hdwe. Co., whol., Albany, Ga.
Sparks, J. C., betanaphthol & aniline oil & salt, 42 Warren, New York.
Sparks, J. W., Co., whol. hdwe., Charleston, W. Va.
Sparks Milling Co., flour, Alton, Ill.
Sparks & Murphy, machinists, Petaluma, Cal.
Sparks, W. J., Co., crushed stone, Mt. Vernon, Ky.
Sparks-Withington Co., machinists, Jackson, Mich.
Sparr Cereal Co., farina, Marshfield, Wis.
Sparr, E. E., htg. contractor, St. Paul, Minn.
Sparrow, E. S., & Co., masons' & bldrs.' matls., Somerville, Mass.
Sparta Foundry Co., Sparta, Mich.
Sparta Iron Wks. Co., Sparta, Wis.
Sparta Mfg. Co., water stills, South Bend, Ind.
Sparta Mill Co., flour, Sparta, Tenn.
Sparta Plow Works, Sparta, Ill.
Sparta Roller Mill Co., Sparta, N. C.
Sparta Sash & Door Co., Sparta, Wis.
Sparta Spoke Factory, Sparta, Tenn.
Spartan Grain & Mill Co., Spartanburg, S. C.
Spartan Hdwe. Co., whol., Spartanburg, S. C.
Spartan Mfg. Co., agricultural implements & corn mills, Pontiac, Ill.
Spartan Mills, cotton sheetings, Spartanburg, S. C.
Spartanburg Fertilizer Co., Spartanburg, S. C.
Spates, S. P., & Co., masons' & bldrs.' matls., St. Paul, Minn.
Spates, Wm. T., cornices & skylights, Eastport, Me.
Spatz, H. P., cornices, 3901 Colerain av, Cincinnati, Ohio.
Spaulding Avery Lumber Co., Sioux City, Ia.
Spaulding Brass & Iron Foundry Co., Peru, Ind.
Spaulding Chain Corp., Bloomfield, N. J.
Spaulding, Chas. K., Logging Co., Portland, Ore.
Spaulding, D. S., key rings, shears & scissors, Mansfield, Mass
Spaulding, E. G., architect, Everett, Wash.
Spaulding, H. H., sash, door & blind, Hemet, Cal.
Spaulding, H. S., Co., sash, door & blind mfrs., Elmira, N. Y.
Spaulding, J. R., & Co., maps, Boston, Mass.
Spaulding, J., & Sons Co., Inc., paper & pulp mills & mill baskets, P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book.
Spaulding, M. O., architect, Keene, N. H
Spaulding Mfg. Co., automobile bldrs., Grinnell, Ia.
Spaulding & Metcalf, mill & facty. supplies, 532 Arch, Philadelphia, Pa.
Spaulding & Moss Co., blue print paper drawing materials, 42 Franklin, Boston, Mass.
Spaulding, W. H., architect, 34 Bergen av, Jamaica, N. Y.
Spawn, B. A., & Co., drinking fountains, 340 Central av, Newark, N. J.
Spayd Bros., machinists, Van Wert, O.
S. P. Brick Co., Exeter, Cal.
Speakes, P. G., Co., masons' & bldrs.' matls., 2845 2nd av, S., Minneapolis, Minn.
Speakman Co., plbrs.' supplies, Wilmington, Del.
Spear Bros., bldg. contrs., Burlington, Vt.
Spear & Co., furn., 915H Penn av, Pittsburgh, Pa.
Spear, F. R., masons' & bldrs.' matls., Rockland, Me.
Spear, H. A., Jr., cornices, Walpole, Mass.
Spear, Jas., Stove & Heating Co., 1823 Market, Philadelphia, Pa.
Spear & Miller Co., brake shoes, 80 E. Jackson blvd., Chicago, Ill.
Spear, Moylan & Lasley, contractors, Toledo, Ohio.
Speares, Alden, Sons Co., lubrg. oils & greases, 149 B'way, New York.
Speare's, Alden, Sons Co., oils, Cambridge, Mass.
Spearin, George B., bridge foundations & dock bldrs., 90 West, New York.
Spearl, Geo. W., architect, 319 N. 4th, St. Louis, Mo.
Spears, C. A., & Son, lbr. mfrs., Grand Rapids, Mich.
Spears, E. F., & Sons, tow, Paris, Ky.
Spears & Riddle Co., auto accessories, supplies, Wheeling, W. Va.
Special Fire Alarm Elec. Signal Co., 44 E. 23d, New York.
Special Machy. Co., Bridgeport, Conn.

Spec. Sales Co., advtg., 929 18th av, Seattle, Wash.
Special Service Flooring Corp., 2009 Grand Central Terminal, New York.
Special Tool & Eng. Mfg. Co., special machy., machine tools, etc., 310 E. 2d, Dayton, O.
Special Tool & Machine Co., 410H Dorchester av, Boston, Mass.
Specialty Bolt & Rivet Wks., bolts, screws, etc., 132 Hillside av, Shelton, Conn.
Specialty Box Mfg. Co., folding crates, Portland, Ore.
Specialty Brass Co., carbureters & machsts, Kenosha, Wis.
Specialty Device Co., cross arms, etc., 106 W. 3rd, Cincinnati, Ohio
Specialty Display Case Co., Kendallville, Ind.
Specialty Engng. Co., buckets, conveyors, crushers, etc., Trenton & Allegheny, Philadelphia, Pa.
Specialty Furn. Co., Dept. H, Evansville, Ind.
Specialty Gauge & Tool Co., stamping dies, 236 N. Adelaide, Indianapolis, Ind.
Specialty Insulation Mfg. Co., Hoosick Falls, N. Y.
Specialty Knitting Wks., sweaters, 593 6th, Detroit, Mich.
Specialty Mfg. Co., grass catchers, 2362 University av, St. Paul, Minn.
Specialty Mfg. Co., machinists, Decatur, Ill., & So. Norwalk, Conn.
Specialty Mfg. Co., mechanics' aprons, St. Anthony Park, Minn.
Specialty Mfg. Co., packing, 14 E. Jackson blvd., Chicago, Ill.
Specialty Mfg. Co., step ladders, swings, etc., Titusville, Pa.
Specialty Mfg. Co., surgical instruments, 15 Spruce, New York.
Specialty Mattress Co., Huntington, W. Va.
Specialty Products Co., snap fasteners, 494 Mulberry, Newark, N. J.
Specialty Reed Works, Spartanburg, S. C.
Specialty Shoe Machy Co., St. Joseph, Mo.
Specialty Shop, The, 251 Minna, San Francisco, Calif.
See adv index at end of book.
Specification Soap & Oil Co., 427 W. 13th, New York.
Speck Bros., contractors, Bethlehem, Pa.
Speck, Forest F., contractor, Bethlehem, Pa.
Speck, Marshall Co., mill & facty. supplies, 314 2d av, Pittsburgh, Pa.
Speck, Wm., machinist, 2132 Folsom, San Francisco, Cal.
Spedden Packing Co., James, Md.
Spedden Ship Bldg. Co., machsts., Boston & Kenwood, Balto., Md.
Spedden Supply Co., mill & facty. supplies, Boston & Kenwood av, Baltimore, Md.
Speddy, T. H. & Co., steel structural dealers, 85 2d, San Francisco, Cal.
Speeceville Brick Mfg. Co., Speeceville, Pa.
Speed, J. B., & Co., see Louisville Cement Co. (successors).
Speed, Jas. & Co., mill & facty supplies, 170 Summer, Boston, Mass.
Speed & Kearney, septic tanks, Memphis, Tenn.
Speed Machine Co., concrete mixers, Passaic, N. J.
Speelman, Edw., contractor, Piqua, Ohio.
Speer Carbon Co., St. Marys, Pa.
Speer Gas Machine Mfg. Co., 412-413 Bumiller Bldg., Los Angeles, Cal.
Speer Hardware Co., Fort Smith, Ark.
Speer, L. J., & Son, contractors, Sea Isle City, N. J.
Speer, M. B., & Co., scrap iron & steel, 515 Reedsdale, Pittsburgh, Pa.
Speer, M., Iron & Metal Co., Sharon, Pa.
Speer, W. B., glass blowers' pipes, 107 Carson, Pittsburgh, Pa.
Speich Stove Repair Co., 130 W. Water, Milwaukee, Wis.
Speicher, D. E., machinist, Urbana, Ind.
Speidel, J. G., elevator, hoists & crane mfrs., Reading, Pa.
See adv index at end of book.
Speidell, C. E., & Son, stone, Lincoln, Neb.
Speiden, Chas. E., archi. iron, 620 C, S. E., Washington, D. C.
Speiden & Speiden, architects, 1403 N. Y. av, N. Y., Washington, D. C.
Speirs Bros., boilers, tanks, etc., New London, Conn.
Speigel Cabinet Co., Dept. H, Shelbyville, Ind.
Speigel Furn. Co., Dept. H, Shelbyville, Ind.
Speiger & Hurlbut, Inc., whol. hdwe., Seattle, Wash.
Spelke Constr. Co., 231 Atlantic, Stamford, Conn.
Spellman, Jas. F., & Sons Co., dock bldrs., Bangor, Me.
Spellman, Jos. R., metallurgical engrs., 300 W. 121st, New York.
Spellman & Co., masons' & bldrs.' matls., Lincoln, Ill.
Spelts, A., flour & feed mills, Loup City, Nev.
Spena, John W., machinists, Wakeeny, Kan.
Spence, A. T., contr., Alameda, Cal.
Spence-Baggs Glove Co., Martin's Ferry, Ohio.
Spence, Bell & Co., glass stainers, 90 Canal, Boston, Mass.
Spence Bros., contractors & stone producers, 12960 Euclid av, Cleveland, Ohio, & Saginaw, Mich.
Spence Degreasing Co., 26 av L, Newark, N. J.
Spence Embossing Co., Inc., leather embossing plates, 25 Margaretta, Newark, N. J.
Spence, George, Jr., contractor, Troy, N. Y.
Spence, H. M., machy. dlrs. & mfrs. tool boxes, Parkersburg, W. Va.
Spence, J. H., canned goods, Smithville, Md.
Spence, Jas., contractor, 131 E. 18th, New York.
Spence, Jas., founder, 923 Garfield av, Jersey City, N. J.
Spencer Bros., sashes, doors & blinds, Lebanon, N. H.
Spencer, Chas. B., architect, 37 W. Van Buren, Chicago, Ill.
Spencer Elec'l Co., telephones & app., 163 Greenwich, New York.
Spencer, F. A., cornices & skylights, Council Bluffs, I. A.
Spencer, F. E. Co., mill & facty. supplies, New Haven, Conn.
Spencer, F. M., & Son, contractors, Topeka, Kans.
Spencer, Geo. G., steel struct. dlrs., 332 S. La Salle, Chicago, Ill.
Spencer Glove Co., Waverly, N. Y.
Spencer Hardware Co., Keene, N. H.
Spencer Heater Co., elec. steel castings, Scranton, Pa.
Spencer, J. A., baling presses, Dwight, Ill.
Spencer, L. D., masons' & bldrs.' matls., Hammond, La.
Spencer Lens Co., lenses & microscopes, etc., Buffalo, N. Y.
Spencer Mfg. Co., neck yokes, Spencer, Ind.
Spencer Mountain Mills, cotton damasks, Lowell, N. C.
Spencer, N. S., & Son, architects, 37 W. Van Buren, Chicago,
Spencer, Newlands Coal Co., Columbus, Kans.
Spencer Optical Co., reading glasses, 7 Maiden la, New York.
Spencer, Otis, Co., railroad equip., 80 E. Jackson blvd, Chicago, Ill.
Spencer, Powers & Martin, architects, 5 N. La Salle, Chicago, Ill.
Spencer, R., weather strips, Hearst Bldg., San Francisco, Cal.
Spencer, R. B., architect, Jackson, Miss.
Spencer, R. B., & Co., sashes, doors & blinds, Dublin, Texas.
Spencer, R. C., Jr., architect, 5 N. La Salle, Chicago, Ill.
Spencer Regulator Co., Salem, Mass.
Spencer, S. M., Mfg. Co., steel & rubber stamps & stencils, 9 Cornhill, Boston, Mass.
Spencer-Smith Machine Co., engine pistons, Howell, Mich.
Spencer & Spencer, contrs., Ithaca, N. Y.
Spencer Stone Co., Indianapolis, Ind., & Spencerville, Ohio.
Spencer Turbine Co., blowers, vacuum cleaners, 484 New Park av, Hartford, Conn.
Spencer Turbine Cleaner Co., hand vacuum cleaners, Hartford, Conn.
Spencer, White, Prentis, foundations, 47 W. 42nd, New York.
Spencer, Wm. M., Sons Co., canned goods, 324 E. 2d, Cincinnati, Ohio.
Spencer, Wilton H., mill & facty. supplies, 11 Exchange pl., Providence, R. I.
Spencerian Pen Co., 349 B'way, New York.
Spencer's, I. S., Sons, Inc., light iron & brass castings & genl. hwde., Guilford, Conn.
Spencerville Tile Co., Spencerville, Ohio.
Spengemann Bros., masons' & bldrs.' matls., 304 N. Central av, Baltimore, Md.
Spengler-Loomis Mfg. Co., eyers, grinders, etc., 58 E. Washington, Chicago, Ill.
Sperling, A., willowware mfrs., 354 3rd av, New York.
Spero, Carl J., architect, 7523 Ridge, Brooklyn, N. Y.
Sperry & Alexander Co., cutlery mfrs.—who. hdwe., 79 Chambers, New York.
Sperry & Amos Co., sash, door & blind mfrs., New Haven, Conn.
Sperry & Barnes Co., meat packers, New Haven, Conn.
Sperry & Beale Co., mattresses, 141 King, Brooklyn, N. Y.
Sperry & Buell, architects, Bristol, Conn.
Sperry, D. R., & Co., farm boilers, bake oven castings, filter presses, Batavia, Ill.
Sperry Engineering Co., 82 Church, New Haven, Conn.
Sperry Flour Co., San Francisco, Cal.
Sperry Gyroscope Co., compasses, searchlights, aeronautic apparatus, fire control instrts. & ship & airplane stabilizers extension, 40 Flatbush av Extension, Brooklyn, N. Y.
Sperry, Joseph E., architect, Calvert Bldg., Baltimore, Md.
Sperry Mfg. Co., wood handles, New Haven, Ind.
Sperry Wire & Iron Works, 178 Oak, San Francisco, Cal.
Sperry & Drake, general bldg. contrs, New Haven, Conn.
Sperry & Treat Co., contractors, 39 Church, New Haven, Conn.
Speth, John V., contr., Brookline, Pa.
Spetnagle Hardware Co., Chillicothe, Ohio.
Speyer, Oscar P., architect, 6507 Greenview, Chicago, Ill.
S. P. E. Wood Preserving Co., Inc., 76 Wall, New York
Sphar Brick Co., Maysville, Ky.
Spice Run Lbr. Co., Locust, W. Va.
Spicer, James S., contractors, 246 W. Brighton av, Syracuse, N. Y.
Spicer, John, sweaters, bathing suits, etc., 84 Woodbine, Brooklyn, N. Y.
Spicer Mfg. Co., drop forgings, cars & trucks, South Plainfield, N. J.
Spicer, Wm. E., & Co., machsts., Janesville, Wis.
Spicer's, David, Sons, contractors, Free Press bldg, Detroit, Mich.
Spickard, C. H., & Son, canned goods, Blue Ridge Springs, Va.
Spicker, Henry J., Co., contrs., 409 Michigan, Toledo, Ohio.
Spickett Broom Co., Lawrence, Mass.
Spickler, L. A., & Sons, carriages, Spickler, Md.
Spiegle, Geo. M., & Co., lbr., 18th & Somerset, Phila., Pa.
Spieler, Jos., cornices & skylights, Beatrice, Neb.
Spielman Elec. Co., cigar lighters, 1931 B'way, New York.
Spielman, H., architect, Hulbert Bldg., Cincinnati, Ohio.
Spier & Gehrke, architects, 310 Park bldg, Detroit, Mich.
Spiers Brick Co., 79 Milk, Boston, Mass.
Spier's, Richard N., glass stainers, etc., 257 W. 29th, New York
Spies Elec, Works, bells, 564 W. Van Buren, Chicago, Ill.
Spies, John, coin wrappers, Watertown, N. Y.
Spies, Thompson, Lbr. Co., Menominee, Mich.
Spigel, Bernard B., architect, 108 E. Main, Norfolk, Va.
Spigle, W. G., canned goods, Troutville, Va.
Spiker, A., & Sons, brick, Quincy, Ill.
Spillman, B. W., architect, Alamo Bk. Bldg., San Antonio, Tex.
Spillman, Herbert, architect, Mercantile Leary bldg, Cincinnati, Ohio
Spillsbury, E. Gylbon, Engng. Co., 45 B'way, New York.
Spinach, Henry, Contracting Co., 216 Lounsbury, Waterbury, Conn.
Spinaway Boat Motor Co., Freeport, Ill.
Spindler, Chas. M., architect, 215 Montague, Brooklyn, N. Y.
Spindler & Deringer, machsts. & fndrs., 243 Mercer, Jersey City, N. J.
Spindler, E. O., textile machy., 350 B'way, New York.
Spindler George, furn., 608H W. Pratt, Baltimore, Md.
Spindler, V. G., canned goods, Halethorpe, Md.
Spink, C. R., architect, 6751 Hollywood, Los Angeles, Cal.
Spink, Wm. H., contractor, Hornell, N. Y.
Spinks, H. C. Clay Co., The, ball, sagger & wad clasp, Newport, Ky. *See adv. index at end of book.*
Spinks Hdwe. Co., La Grange, Ga.
Spinks, Harry C., contractor, Newport, Ky.
Spinks, T. W., Co., masons' & bldrs.' matls., Covington, Ky.
Spinks, Wm. A., & Co., billiard chalk, 362 W. Erie, Chicago, Ill.
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Spinner Bros., carriages, Lansing, Ia.
Spinner, Ed. F., agricultural implements, Ava, Ill.
Spinner, F. E., & Co., architects, 35 Warren, New York.
Spiral Conveyor Co., 1610 S. Rockwell, Chicago, Ill.
Spire & Prior, contractors, Ellicott sq., Buffalo, N. Y.
Spirella Co., machsts., Meadville, Pa.
Spiritine Chem. Co., Wilmington, N. C.
Spiro, C., Mfg. Co., waste paper baskets, 68 E. 131st, New York
Spitcaufsky Bros., contrs., 2512 Wyandotte, Kansas City, Mo.
Spitz, Alex H., architect, 105 W. Monroe, Chicago, Ill.
Spitzer Cornice Wks., 1061 Addison, Chicago, Ill.
Spitzer, Maurice, architect, 5 N. La Salle, Chicago, Ill.
Spitzmiller, Jos., stone, 2192 Shadwell, Cincinnati, Ohio.
Spitzmiller, L., stone, 2197 Clara, Cincinnati, Ohio.
Splady, Albee & Smith, contractors, Plymouth Bldg., Minneapolis, Minn.
Splitdorf Electrical Co., spark timers, 98 Warren, Newark, N. J.
Splittstoser Mfg. Co., potato sprayers, North Branch, Minn.
S-P Manufacturing Co., tools & special machinery, 872 E. 72nd, Cleveland, Ohio.

S. P. F. Wood Preserving Co., Inc., wood preservation, 76 Wall, New York, & 78 Beverly, Boston, Mass.
Spoerer's, Carl, Sons Co., automobile bldrs., 909 S. Carey, Baltimore, Md.
Spofford, John C., architect, 36 Bromfield, Boston, Mass.
Spohr, Geo. S., architect, 1538 Greenfield av, Chicago, Ill.
Spokane Casket Co., Spokane, Wash.
Spokane Culvert & Tank Co., cornices & skylights, Spokane, Wash.
Spokane Culvert & Tank Co., Spokane, Wash.
Spokane Flour Mills, Spokane, Wash.
Spokane Fdry. Co., Spokane, Wash.
Spokane Furnace Co., cornices & skylights, Spokane, Wash.
Spokane Gas & Fuel Co., aqua ammonia, Spokane, Wash.
Spokane Hardware Co., Spokane, Wash.
Spokane Incubator Co., Spokane, Wash.
Spokane Lumber Co., Spokane, Wash.
Spokane Orna. Iron & Wire Wks., Spokane, Wash.
Spokane Paint & Oil Co., Spokane, Wash.
Spokane Pressed Brick Co., Spokane, Wash.
Spokane Sash & Door Co., Spokane, Wash.
Spokane Stamp Wks., baggage checks, Spokane, Wash.
Spokesman Publishing Co., 128 Opera pl, Cincinnati, Ohio.
Sponhauer, H. C., cornices & skylights, Galion, Ohio.
Sponholtz, Carl L., architect, Beverly, Mass.
Spool Cotton Co., 315 4th av, New York.
Spoon River Colliery Co., coal mine, Rock Island, Ill.
Spoonamore, F. P., flour mills, Stanford, Ky.
Spooner, Allen N., & Son, dock bldrs., Pier 11, N. R., New York.
Spooner, Herman W., architect, Gloucester, Mass.
Sporl, Edward F., architect, Natl. Realty bldg, New Orleans, La.
Sporting Goods Sales Journal, trade publication, 38 Park Row, New York.
Sporting News Publishing Co., Penn Bldg., St. Louis, Mo.
Sportsman's Shot Wks., lead pipe, etc., Court & Harriet, Cincinnati, Ohio.
Spotless Steam Sponger Co., machsts. & fndrs., Whitney Power Blk., Cleveland, Ohio.
Spotswood, E. R., & Son, lumber, Lexington, Ky.
Spotswood-Helfer Co., whol. hdwe., 258 1st, San Francisco, Cal.
Spottiswoode-Cusack Co., stone producers, Orange, N. J.
Spowage, James, Co., contrs., Sioux City, Ia.
Spracklin Boiler & Mach. Co., Trenton, N. J.
Sprackling, A. E., architect, Caxton Bldg., Cleveland, Ohio.
Spradlin, W. H., architect, Fulton, Ky.
Sprague, A. O., flour mills, St. Francis, Ark.
Sprague Bros., machinists, Bakersfield, Cal.
Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
Sprague, E. H., common brick, Elkhorn, Wis.
Sprague, E. S., archl. iron, 318 W. Austin av, Chicago, Ill.
Sprague Elec. Wks. of Gen'l Elec. Co., 527 W. 34th, New York.
Sprague Fdry. & Mfg. Co., Council Bluffs, Ia.
Sprague, H. L., architect, 310 Main, Springfield, Mass.
Sprague & Henwood, contractors, Scranton, Pa.
Sprague Iron Wks., 318 W. Austin av, Chicago, Ill.
Sprague, J. P., Co., contrs.' supplies, Rialto supp., Rialto Bldg., Kansas City, Mo.
Sprague, L., Co., machsts., Lawrence, Mass.
Sprague Meter Co., machsts., Bridgeport, Conn.
Sprague, Smith Co., plate glass, 164 W. Randolph, Chicago, Ill.
Sprague Umbrella Co. See Norwalk Auto Parts Co. (successor).
Sprang, Wm., machinist, Loudonville, Ohio.
Spranger Wire & Wheel Co. See Detroit Wire & Wheel Co. (successor).
Sprankle Co., contractors, Oklahoma, Okla.
Spratts Patent (Ltd.), dog biscuits, 14 Congress, Newark, N. J.
Spray Engineering Co., engineers for spray cooling systems, irrigating systems, aerating reservoirs, air conditioning, gas washing; mfrs. of air washing equipment, spray cooling equipment, paint spraying equipment, flow meters, park sprinklers & nozzles for all purposes, 60 High, Boston, Mass.
Sprecher Lumber Co., Independence, Wis.
Sprecher's, I. G., Sons, sash weights, Ephrata, Pa.
Spreckels Sugar Co., 2 Pine, San Francisco, Cal.
Sprenger, Jos., & Sons, steel plate wk., 1186 W. Jefferson, Detroit, Mich.
Spriesterbach & Cramer, cornices, Alamosa, Colo.
Spring City Foundry Co., Waukesha, Wis.
Spring City Mill Co., flour, Spring City, Tenn.
Spring Construction Co., Berkeley, Cal.
Spring Creek Roller Mill Co., flour, Huntersville, Ky.
Spring, G. W., sashes, doors & blinds, Crooksville, Ohio.
Spring Garden Brick Co., (Ltd.), brick, York, Pa.
Spring Garden Marble & White Lime Co., St. Louis, Mo.
Spring Handle Co., carpet beaters, Abingdon, Ill.
Spring Hill Fuel Co., masons' & bldrs.' matls., Seattle, Wash.
Spring Hope Cotton Oil Co., Spring Hope, N. C.
Spring Leaf Lubricator Co., spreaders, Ann Arbor, Mich.
Spring Perch Co., machsts., Bridgeport, Conn.
Spring River Stone Co., Carthage, Mo.
Spring Snap Fastener Co., 16 W. 39th, New York.
Spring Steel Fence & Wire Co., Anderson, Ind.
Spring Valley Iron Co., Wellston, Ohio.
Spring Valley Packing Co., Spring Valley, Ohio.
Spring Valley Products Co., coal mines, Glen Ullin, N. D.
Spring Valley Stave & Heading Co., wagon spokes, Spring Valley, Wis.
Springbrook Canning Co., Springbrook, Ore.
Springer Bros. Mfg. Co., agric. implement mfrs., Edwardsville, Ill
Springer & Hargitt, speed limit engine stops, Hamilton, Ohio.
Springer, J. S., brick, Celina, Ohio.
Springer, Sam'l, contr., Alton, Ill.
Springer & Rogers, contractors, New Philadelphia, Ohio.
Springer, W. E., & Co., whol. hdwe., Wilmington, N. C.
Springer-Whitaker Fdry. Co., Terre Haute, Ind.
Springets Mills, paper, York, Pa.
Springfield Abbatoir Co., meat packers, Springfield, Ohio.
Springfield Auto. Top & Upholstering Co., Springfield, Mass.
Springfield Automatic Screw Mach. Corp., 655H Water, Fitchburg, Mass.
Springfield Belting & Supply Co., Springfield, Mass.
Springfield Blanket Co., Holyoke, Mass.
Springfield Boiler Co., boilers, Springfield, Ill.
Springfield Brass Co., machsts. & fndrs., Springfield, Ohio, & Springfield, Vt.
Springfield Brick Co., Springfield, Mass.
Springfield Clay Mfg. Co., flower pots, Springfield, Ohio.
Springfield Coal & Ice Co., masons' & bldrs.' matls., Springfield, Ohio.
Springfield Coffin & Casket Co., Springfield, Ohio.
Springfield Commercial Body Co., 367 Worthington, Springfield, Mass.
Springfield Contractors' Supply Co., masons' & bldrs.' matls., Springfield, Mass.
Springfield Elec. Co., knife switches, Springfield, Mass.
Springfield Facing Co., charcoal, foundry facings & supplies & case hardening compound, 315 Main, Springfield, Mass.
See adv. index at end of book.
Springfield Foundry Co., 3215 Smallman, Pittsburgh, Pa., & Springfield, Mass.
Springfield Gas Fixture Co., Springfield, Ohio.
Springfield Hardware Co., dealers, Springfield, Ohio.
Springfield Harness Co., carriage joints, Springfield, Mass.
Springfield Incubator Co., Springfield, Ohio.
Springfield Iron Works, machsts., Springfield, Mass.
Springfield Lbr. Co., Springfield, La.
Springfield Mach. Co., Springfield, Mass.
Springfield Machine Tool Co., lathes & shapers, Springfield, O
Springfield Malleable Iron Co., castings, Springfield, Ohio.
Springfield Mfg. Co., emery & corundum wheel mfrs., Bridgeport, Conn.
Springfield Mattress Co., Springfield, Ill.
Springfield Metallic Casket Co., metallic burial cases, Springfield, Ohio.
Springfield Milling Co., flour, Springfield, Minn.
Springfield Paving Brick Co., Springfield, Ill.
Springfield Planing Mill & Lumber Co., Springfield, Ohio.
Springfield Planing Mill & Lumber Const. Co., Springfield, Mo.
Springfield Plumbing Co., Springfield, Mo.
Springfield Provision Co., meat packers, Springfield, Mass.
Springfield Rendering Co., soap, Springfield, Mass.
Springfield Spring Co., Springfield, Ohio.
Springfield Stone & Fuel Co., masons' & bldrs.' matls., Springfield, Mo.
Springfield Tool Co., special tools, 125 Dwight, Springfield, Mass.
Springfield Wagon Co., Springfield, Mo.
Springfield Waste Co., Springfield, Mass.
Springfield Webbing Co., Springfield, Mass.
Springfield Wire Screen Co., Springfield, Ill.
Springfield Woolen Mills Co., woolen blankets, Springfield, Tenn.
Springman Paper Products Co., easels, gaskets, paper, 75 W. Larned, Detroit, Mich.
Springman's, J. T., Sons, machinists, 904 7th, S. W., Washington, D. C.
Springsted & Adamson, contractors, 434 E. 107th, New York.
Springsteen Bros., contractors, Haverstraw, N. Y.
Springsteen, Geo. W., Jr., architect, 32 Union sq, New York
Springston Lumber Co., sash, door & blind mfrs., Spokane Wash.
Springston Lbr. Co., Springston, Idaho.
Springville Canning Co., Springville, N. Y., & Springville, Utah.
Springwells Clay Pipe Co., Orion, Mich.
Sproul, E. W., Co., contrs., W. 39th & Robey, Chicago, Ill
Sproul & MucGurrin Co., steam fitters' supplies, Grand Rapids, Mich.
Sproul Matt. Co., agricultural implements, Sparta, Ill.
Sprout, Waldron & Co., mill & facty. supplies, Muncy, Pa.
Spruance-Gilbert Co., varnish mfrs., 312 N. 3d, Philadelphia, Pa.
Spruck, Henry, & Son, contractors, 304 Broad, Stapleton, N. Y.
Spruks Bros., contractors, Scranton, Pa.
Sprung, Harry J., architect, Rockaway Park, Long Island, N. Y.
Spry Lumber Co., 111 W. Monroe, Chicago, Ill.
S. P. Stove Co., elec. cooking app., Wilmette, Ill.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo
Spurbeck-Lambert Co., tubs, butter, Algona, Iowa.
Spurgin Mfg. Co., baths, blotter, 7011 Vincennes av, Chicago, Ill.
Spurr, E. W., Co., masons' & bldrs.' matls., Lakeville, Conn.
Spurr, J. J., & Sons, stone, Harrison, N. J.
Spuyten Duyvil Const. Co., 271 W. 125th, New York.
Square D Co., knife switches & panel board cabinets, 1411 Ribard, Detroit, Mich.
Square Turn Tractor Co., Norfolk, Nebr.
Squibb-Carter-Squibb Co., corn millers & mfg. chemists, Lawrenceburg, Ind.
Squibb, E. R., & Sons, cresol imptrs., 78 Beekman, New York.
Squier & Co., lumber, Monson, Mass.
Squier, Ed. E., Co., fdry. facings & supplies, Federal Reserve Bank Bldg., St. Louis, Mo.
Squier, Geo. L., Mfg. Co., rice & coffee hulling machy., evaporators, Buffalo, N. Y.
Squire, John P., & Co., meat packers, Cambridge, Mass.
Squire, Jno. R., Co., cornices, Youngstown, Ohio.
Squires, A. J., stone producers, Hulberton, N. Y.
Squires, B., flour mills, Cloverport, Ky.
Squires & Byrne Rubber Co., packing mfrs., mill & facty. supp., San Francisco, Cal.
Squires, C. E., Co., steam traps, etc., Kelly av, Cleveland, Ohio.
Squires, C. W., Mfg. Co., elec. track switches, Beverly, Mass.
Squires, Chas. W., architect, Emporia, Kans.
Squires, Frank C., architect, 628 Kansas av, Topeka, Kans.
Squires Lester T., architect, 432 Douglas bldg, Los Angeles, Cal.
Squires, Walter L., contractor, Hartford, Conn.
Squirrel Hill Brick Co., Haldane & Connor, Pittsburgh, Pa.
S. R. Mfg. Co., gasoline engines & hdwe., Schenectady, N. Y.
S. & S. Automatic Grate Co., 320 N. Water, Chicago, Ill.
S. & S. Contracting Co., 15 Park Row, New York.
Staab, G., soap, 54 Royal, Pittsburgh, Pa.
Staab, Wm. E., architect, Glenridge, N. J.
Staar, Frank, cornices, 1473 N. Halsted, Chicago, Ill.
Staats, C. B., & Son, contractors, 242 10th, E., Salt Lake City, Utah.
Staats, Geo., & Co., mchsts. & fndrs., 74 Bayard, B'klyn, N. Y.
Staats, W. H., Co., change-making machs., Cohoes, N. Y.
Stabell, Jos. F., Co., contractors, 1127 Niagara, Buffalo, N. Y.
Stabley, W. H., lumber, Felton, Pa.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, Ohio.
Stacey Mfg. Co., steel plate work H, Big 4 R. R. Elmwood, Cincinnati, Ohio.
Stack Const. Co., Duluth, Minn.
Stack Heater Co., water heating 39 Sudbury, Boston, Mass.
Stack, Jno. K., architect, 308 E. Lafayette av, Baltimore, Md.
Stack Lbr. Co., Masonville, Mich.
Stackhouse, Rex H., architect, 129 S. 5th, Phila., Pa.
Stackpole Carbon Co., St. Marys, Pa.
Stacy, E. S., Machine Co., mill & facty. supp., Springfield, Mass

STACY EUGENE C., load binders, Tiffin, O.
See adv. index at end of book
Stacy, Harry H., architect, Leominster, Mass.
Stacy Supply Co., Machy dlrs & mill supplies, 189H Allyn, Hartford, Conn.
Staddon, Donald R., & Co., industrial chemists & engrs., 104-106 John, New York.
Stadel, G., & Co., architects, Stamford, Conn.
Stader, Conrath, Constr. Co., Erie, Pa.
Stadler, J. L. H., Rendering & Fertilizer Co., 908 Denison av, N. W., Cleveland, Ohio.
Stadsvold, S. S., flour, Fosston, Minn.
Staege & Dewey, architects, Charlebois Bros. Bldg., Watertown, N. Y.
Staehlin, Gustavus, architects, 810 Broad, Newark, N. J.
Stafford Co., mchsts. & fndrs., looms, Readville, Mass.
Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
Stafford, E. H., Mfg. Co., furniture, 218 S. Wabash av, Chicago, Ill.
Stafford & Holt, mchsts., Little Falls, N. Y.
Stafford, John, contractor, 1112 Chestnut, Philadelphia, Pa.
Stafford Milling Co., flour, Martin, Tenn.
Stafford Motor Car Co., auto. bldrs., Kansas City, Mo.
Stafford, Nelson, Co., stencils, 67 Fulton, New York.
Stafford, S. S., paste, typewriter ribbons, 609 Wash'n, New York.
Stafford, Wright & Son, stacks, tanks, boilers, etc., Lawrence, Mass.
Stafford's, Jas., Sons, horse & woolen blankets, Kram's av, Philadelphia, Pa.
Stag Co., sharpening machines, 329 Plymouth, Chicago, Ill.
Stagg, Geo. T., Co., distillers, Frankfort, Ky.
Stagg, J. P., masons' & bldrs.' matls., who. hardware, Anaconda, Mont.
Stagg, Thos. E., & Son, sash, door & blind mfrs., Henrico Co., Richmond, Va.
Stagnaro Art Glass Wks., glass stainers, 10th & Webster, Oakland, Cal.
Stahl Gear & Machine Co., 1390 E. 40th, Cleveland, Ohio.
Stahl, Geo., architect, Ozone Park, N. Y.
Stahl, Geo. H., incubators & brooders, Quincy, Ill.
Stahl, H. E., mchsts., Trenton, N. J.
Stahl & Kinsey, architects, McKerchy bldg, Detroit, Mich.
Stahl Mfg. Co., lubricators, 983 17th av, S. E., Minneapolis, Minn.
Stahl, Otto, meat packers, 2332 3d av, New York.
Stahl Rectifier Co., 1401 W. Jackson, Chicago, Ill.
Stahl & Rudolph, flour mills, Barlow, Ky.
Stahl Sprayer Co., Quincy, Ill.
Stahl, Wm., Sprayer Co., pumps, Quincy, Ill.
Stahlburg, G., architect, 544 Market, San Francisco, Cal.
Staiger Hardware Co., Michigan City, Ind.
Staiman Bros., scrap rubber, Williamsport, Pa.
Stainthorpe, C. N., & Co., contr., mason' & bldrs.' matls., Lockport, N. Y.
Stair, Robert A., architect, York, Pa.
Staker, Chas E., contractor, 687 E. 219th, New York.
Stalcup, E. L., agricultural implements, Unionville, Mo.
Stalcup Mach. Shop & Garage, Unionville, Mo.
Staley, A. E., Mfg. Co., starch mfrs., Decatur, Ill.
Staley Elec. Elev. & Mach. Co., 153 Greene, New York.
Staley, H. B., Co., flour mills, Marion, Va.
Staley, L. C., architect, Ry Exch. bldg, Portland, Ore.
Staley's Creek Manganese & Iron Co., Marion, Va.
Stalker, G. H., sash, door & blind mfrs., Rochester, N. Y.
Stalker Mfg. Co., bridle bits, 71 W. B'way, New York.
Stall Bros., brick, Arcadia, Ohio.
Stall & Dean Mfg. Co., baseball gloves, 855 Elston av, Chicago, Ill.
Stall & Dean Mfg. Co., sporting & athletic goods, Brockton, Mass.
Stallings, A., contr., Suffolk, Va.
Stallman, F. A., trunks, 57 E. Spring, Columbus, Ohio.
Stallman, F. O., Supply Co., machinery dealers, First, at Natoma, San Francisco, Cal.
Stallsmith, Geo. W., sash, door & blind, Gettysburg, Pa.
Stalnaker Steel Co., scrap, Frick Bldg., Pittsburgh, Pa.
Stalnaker, W. S., masons' & bldrs.' matls., Logansport, Ind.
Stambaugh-Thompson Co., mill & factory supplies, wholesale hardware, Youngstown, Ohio.
Stamets, Wm. K., mill & facty. supplies, Jenkins Arcade, Pittsburgh, Pa.
Stamford Foundry Co., Stamford, Conn.
Stamford Gas Stove Co., Stamford, Conn.
Stamford Iron Works, Stamford, Conn.
Stamford Jobbing Fdy. Co., Stamford, Conn.
Stamford Extract Mfg. Co., chemicals, 88 Wall, New York.
Stamford Masons' Supply Co., Stamford, Conn.
Stamford Mill & Elevator Co., flour, Stamford, Tex.
Stamford Motor Co., Stamford, Conn.
Stamford Oil Mill Co., meal, Stamford Tex.
Stamford Rolling Mills Co. brass discs, sheet copper & brass mills, 347 Madison av, New York, & Springdale, Conn.
Stamford Rubber Supply Co., chloride of sulphur & rubber substitutes, Stamford, Conn.
Stamler, E., architect, Lexington, Ky.
Stamley & Scheibel, architects, Wick Bldg., Youngstown, Ohio.
Stamm, Jacob, flour mills, Iuka, W. Va.
Stamm Machine Works, Aurora, Ind.
Stamm, Max., scrap iron, Paterson, N. J.
Stamm, Scheele Mfg. Co., Ltd., Rayne, La.
Stamp, J. M., lumber, Bonnieville, Ky.
Stamping & Tool Co., machinists & founders, La Crosse, Wis.
Stanard Tilton Milling Co., cereal foods, Pierce Bldg., St. Louis, Mo.
Stanchfield, H. J., & Co., mill & facty. supplies, Lawrence, Mass.
Stancliff Well Screen & Mfg. Co., Houston, Tex.
Standard Accident Insurance Co., 35 W. Fort, Detroit, Mich.
Standard Acid Works, Continental Bldg., Baltimore, Md.
Standard Action Co., piano action, Cambridge, Mass.
Standard Adding Mach Co., see new Standard Adding Mach. Co. (successors).
Standard Alloys Co., tool steel, Vanadium Bldg., Pittsburgh, Pa.
Standard Aluminum Co., machsts., Two Rivers, Wis.
Standard American Dredging Co., Central Bldg., Los Angeles, Cal.
Standard Architectural Iron Works, 2300 Bloomingdale av, Chicago, Ill.
Standard Arms Mfg. Co., machsts., Wilmington, Del.
Standard Art Glass Co., 237 Lafayette, New York.
Standard Asbestos Co., 75 Fulton, New York.
Standard Asbestos Mfg. Co., pipe covering, 822 W. Lake, Chicago, Ill.
Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
Standard Auto Accessory Co., Leipsic, Ohio.
Standard Automatic Machine Co., package sealing machines, etc., Rochester, N. Y.
Standard Automatic Tool Co., auto parts & pistons, Racine, Wis.
Standard Basket Mfg. Co. fruit packages, Dept. H, Guntersville, Ala.
Standard Bedding Co., mattresses, 113 Chicago, Milwaukee, Wis.
Standard Bithulithic Co., asphalt block paving contrs,, 50 Church, New York.
Standard Blue Stone Co., 76 Montgomery, Jersey City, N. J.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Boiler Works, tubular, Seattle, Wash.
Standard Bolt Co., Columbus, Ohio.
Standard Bone Cutter Co., Milford, Mass.
Standard Box Co., Bryant & Beale, San Francisco, Cal.
Standard Box & Lumber Co., Portland, Ore.
Standard Braid Co., cotton banding, etc., Attleboro Falls, Mass.
Standard Brake Shoe & Fdy. Co., Pine Buff, Ark.
Standard Brass & Aluminum Foundry Co., 990 E. 67th, Cleveland, Ohio.
Standard Brass & Aluminum Foundry Co., castings, Syracuse, N. Y.
Standard Brass & Bronze Mfg. Co., shade holders, 813 Libert, Pittsburgh, Pa.
Standard Brass Casting Co., Oakland, Cal.
Standard Brass & Copper Tube Co., New London, Conn.
Standard Brass Fdry., Anderson, Ind.
Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
Standard Brass Mfg. Co., machsts., Utica, N. Y.
Standard Brass Works, cocks 2931H Wight, Detroit, Mich.
Standard Brazing Co., 43 Bromfield, Boston, Mass.
Standard Brick Co., Augusta, Ga.; Charleston, W. Va.; Crawfordsville, Ind.; Los Angeles, Cal.; Macon, Ga., & 496 Clement av, Milwaukee, Wis.
Standard Brick Mfg. Co., Evansville, Ind.
Standard Brick & Tile Co., 81 4th, Portland, Ore.
Standard Bridge Co., City Nat. Bk. Bldg., Omaha, Neb.
Standard Brush Co., New Hartford, Conn.
Standard Building Material Co., Elizabeth, N. J.
Standard Butter Cutter Co., 244 Greenwich, New York.
Standard Button Works, 417 6th av, New York.
Standard Cabinet Mfg. Co., Peru, Ind.
Standard Calorimeter Co., East Moline, Ill.
Standard Canning Co., Noblesville, Ind.
Standard Car Truck Co., machsts., 332 S. Michigan av, Chicago, Ill.
Standard Car Wheel Co., 6704 Bessmer, Cleveland, Ohio.
Standard Carriage Co., Denver, Colo.
Standard Cash Register Co., North Manchester, Ind.
Standard Cast Iron Pipe & Fdry. Co., Bristol, Pa.
Standard Castings Co., mchsts. & fndrs., Lansing, Mich.
Standard Cedar & Lumber Co., 511 Lumber Ex., Minneapolis, Minn.
Standard Charcoal Co., Bradford, Pa.
Standard Chemical Co., foot 12th av, Oakland, Cal.
Standard Chemical Co., coal tar products & toluol, Tacoma, Wash.
Standard Chemical Co., disinfectants & insecticides, 728 Frankfort av, Cleveland, Ohio.
Standard Chemical Co., metal & furniture polish, compounds, etc., Houston, Tex.
Standard Chemical Co., terpineol, Bayonne, N. J.
Standard Chemical Co., Vanadium Bldg., Pittsburgh, Pa.
Standard Chemical Co., 310 California, San Francisco, Cal.
Standard Chemical Corp., boiler compounds, Kalamazoo, Mich.
Standard Chemical & Oil Co., fertilizer mfrs., Troy, Ala.
Standard Chemical & Supp. Co., soap powders, 160 Second, Boston, Mass.
Standard Chemical & Supply Co., mfrs. soap, soap powder & cleansing materials, 172 Second, E. Cambridge, Mass.
Standard Chemicals & Metal Corp., 46 Cedar, New York.
Standard Churn Co., Wapakoneta, Ohio.
Standard Cleaner Co., 136 W. Lake av, Chicago, Ill.
Standard Clothes Dryer Co., Worcester, Mass.
Standard Coach Pad Co., Wooster, Ohio.
Standard Coal Co., Framingham, Mass.
Standard Coffin & Casket Mfg. Co., 1029 W. Chicago av, Chicago, Ill.
Standard Comb Co., Leominster, Mass.
Standard Computing Scale Co., 30 Library, Detroit, Mich.
Standard Concrete Construction Co., 108 S. La Salle, Chicago, Ill.
Standard Concrete Steel Co., Knickerbocker Bldg., Baltimore, Md., & 413 E. 31st, New York.
Standard Construction Co., contractors, 42 Church, New Haven, Conn., & Farmers' Bk. Bldg., Pittsburgh, Pa.
Standard Construction Co., Plymouth Bldg., Minneapolis, Minn.
Standard Construction Co., 1713 Sansom, Philadelphia, Pa.
Standard Constructing Co., Altoona, Pa.
Standard Conveyor Co., St. Paul, Minn.
Standard Cooperage Co., Aberdeen, Wash.
Standard Coupler Co., coupler & draft gear, 30 Church, New York
Standard Crayon Mfg. Co., crayon mfrs., Danvers, Mass.
Standard Cross Tie Mach. Co., New Orleans, La.
Standard Crucible Steel Casting Co., 719 30th, Milwaukee, Wis.
Standard Crushed Rock Co., crushed rock, 9 Main, San Francisco, Cal.
Standard Detroit Tractor Co., traction engines, 1506 Fort W., Detroit, Mich.
Standard Diamond Drill Co., machsts., 38 S. Dearborn, Chicago, Ill.
Standard Die Co., machsts., 1019 Vine, Cincinnati, Ohio.
Standard Die & Stamping Co., Arrott Power Bldg., Pittsb'g, Pa.
Standard Door & Sash Co., Los Angeles, Cal.
Standard Drop Forge Co., Balboa Bldg., San Francisco, Cal.
Standard Dry Kiln Co., Indianapolis, Ind.
Standard Egg Co., beaters, 26 So. Market, Boston, Mass.
Standard Elec. Appliance Co., heating pads, Beverly, N. J.
Standard Elec & Elevator Co., Inc., 118 E Pratt, Baltimore, Md.
Standard El. Fittings Co., junction boxes, Stamford, Conn.
Standard Elec. Lamp Co., 67 Hamilton, Newark, N. J.
Standard Elec. Mfg. Co., 216 N. Clinton, Chicago, Ill.

Standard Elec. Nov. Co., cooking app., 730 W. Randolph, Chicago, Ill.
Standard Elec. Stove Co., cooking app., 1720 N. 12th, Toledo, Ohio.
Standard Electric Time Co., electric clock & signal system mfrs., 89 Logan, Springfield, Mass.
Standard Electric Tool Co., portable electric drills, York & Western av, Cincinnati, Ohio
Standard Elevator Interlock Co., 16th & Sansom, Phila., Pa.
Standard Elsmere Granite Co., laundry tubs, 1752-56 N. Spaulding av, Chicago, Ill.
Standard Emblem Co., pins, 1 Madison av, New York.
Standard Engng. Co., machsts. & fndrs., Ellwood City, Pa.
Standard Engineering Co., 11 Pine, New York.
Standard Engng. & Const. Co., Dallas, Tex.
Standard Engineering Wks., hand milling mach. mfrs., Pawtucket, R. I.
Standard Envelope Co., rotary presses, 257H Diamond, Phila., Pa.
Standard Envelope Co., 296H B'way, New York.
Standard Envelope Sealer Mfg. Co., Somerville, Mass.
Standard Equip. Co., auto parts, Lorain & W. 106th, Cleveland, Ohio.
Standard Equipment Co., mill & facty. supplies, Mobile, Ala.
Standard Equipment Co., ore & cinder grinding & crushing machines & special mining & foundry equipment mfrs., sand blast machines & equipment, 185 Church, New Haven, Conn.
Standard Export Lumber Co., Whitney Central Bldg., New Orleans, La.
Standard Extinguisher Co., 24 Binford, Boston, Mass.
Standard Felt Co., 404 S. Wells, Chicago, Ill.
Standard Felt Co., felts & piano hammers, Alhambra, Cal.
Standard Fence Co., wire & iron wks., 310 12th, Oakland, Cal.
Standard Fertilizer Co., Gainesville, Fla., Los Angeles, Cal., & Meigs, Ga.
Standard Fibre Co., vulcanized fibre sheets, tubes, rods, washers, etc., mfrs., Somerville, Mass.
Standard Fire Brick Co., Pueblo, Colo.
Standard Fire Clay Co., common brick, Fallston, Pa.
Standard Fire Clay Co., New Brighton, Pa.
Standard Fire Escape Co., 166 N May, Chicago, Ill.
Standard Fireproof Sash & Door Co., 16 Eckford, B'klyn, N. Y.
Standard Flaked Food Co., Owosso, Mich.
Standard Forgings Co., 80 E. Jackson blvd, Chicago, Ill.
Standard Foundry, Oakland, Cal.
Standard Foundry Co., Anniston, Ala.; Buffalo, N. Y.; Dayton, Ohio; Hartford, Conn.; Racine, Wis., & Worcester, Mass.
Standard Foundry Co., 984 Central av, N. E., Minneapolis, Miss.
Standard Fdry. Co., Inc., grey iron castings, Bound Brook, N. J.
Standard Foundry & Mfg. Co., 2717 E. 75th, Cleveland, Ohio, & De Kalb, Ill.
Standard Fuel Engng. Co., heat treating furnaces, 1644 Woodward, 75 W. Baltimore, Detroit, Mich.
Standard Fuel Oil Engine Co., Willoughby, Ohio.
Standard Furn. Co., 511H W. 2nd, Cincinnati, Ohio.
Standard Furn. Co., Dept. H, Nashville, Tenn.
Standard Furn. Co., 2722H S. 3rd, St. Louis, Mo.
Standard Furnace & Range Co., Louisville, Ky.
Standard Furnace & Supply Co., Omaha, Neb.
Standard Furniture Co., Herkimer, N. Y.
Standard Galvanizing Co., hot process galvanizing, 2619 W. Van Buren, Chicago, Ill.
Standard Gas Engine Co., Oakland, Cal.
Standard Gas Power Co., gas producers & engines, 17 Battery pl, New York
Standard Gas Products Co., welding & cutting apparatus, Atlanta, Ga.
Standard Gauge Steel Co., cold drawn steel, Beaver Falls, Pa.
Standard Glass Co., bottles, Marion, Ind.
Standard Glass Co., 2533 Cottage Grove av, Chicago, Ill.
Standard Glass & Paint Co., Des Moines, Ia.
Standard Glass Specialty Co., laboratory apparatus, Morgantown, W. Va.
Standard Glue Co., Caton & Cottage av, Baltimore, Md.
Standard Gramaphone Appliance Co., see Kirkman Engng Corp. (successors).
Standard Granitine Wks., laundry tubs, 1752-1756 N. Spaulding av, Chicago, Ill.
Standard Guano & Chemical Mfg. Co., nitrate of soda, New Orleans, La.
Standard Handle Co., 183 W. Houston, New York.
Standard Hardwood Lumber Co., Buffalo, N. Y.
Standard Heating Co., htg. contrs. & mill supps., Hoboken, N. J.
Standard Heating & Radiator Co., gas burners, Penn & Barbeau, Pittsburgh, Pa
Standard Heel & Counter Co., Carr & 11th, St. Louis, Mo.
Standard Hoop Co., Ltd., Bay City, Mich.
Standard Horse Nail Co., New Brighton, Pa.
Standard Horse Shoe Co., Boston, Mass.
Standard Improved Truck Co., 20 W. Jackson blvd, Chicago, Ill.
Standard Index Card Co., 709 Arch, Philadelphia, Pa.
Standard Ink & Color Co., printing wks., 129 Atkins, Brooklyn, N. Y.
Standard Iron Co., blast furnaces, Nashville, Tenn.
Standard Iron Foundry, machsts. & fndrs., 53 Dobbin, Brooklyn, N. Y.
Standard Iron & Wire Works, bank railings, Chattanooga, Tenn.
Standard Iron & Wire Works, 489 12th, Milwaukee, Wis.
Standard Iron Works, machsts. & fndrs., Spartanburg, S. C.
Standard Iron Works, 508 E. 74th, New York & San Diego, Cal
Standard Iron Works Co., arch'l & structural steel for bldgs., etc., New Haven, Conn.
Standard, J. B., architect, Ingle Blk., San Diego, Cal.
Standard Knitting Co., sweaters, cardigans, 2202 Superior av, N. E., Cleveland, Ohio.
Standard Leather Dressing Co., Trenton, N. J.
Standard Lime & Stone Co., Equitable Bldg., Baltimore, Md., & Fond Du Lac, Wis.
Standard Linseed Co., oils car, Willey & Big 4 & R. R., Cleveland, Ohio.
Standard Lock Co., elec. door openers, 113 Himrod, Brooklyn, N. Y.
Standard Lumber Co., Birmingham, Ala.; Live Oak, Fla.; Hawkinsville, Ga.; Moscow, Idaho; Sonora, Cal.; Winona, Minn., & Northport, Wash.
Standard Lumber Yard Co., Dubuque, Ia.
Standard Mach. Co., Dayton, Ohio.
Standard Machine Co., hosiery knitting machines, 330 N. 112th, Philadelphia, Pa.
Standard Mach. & Elec. Co., Indianapolis, Ind.
Standard Mach. Key Mfg. Co., Poughkeepsie, N. Y.
Standard Mach. Mfg. Co., Carthage, Mo.
Standard Mach. Tool & Supply Co., 1st & Main, Kansas City, Mo.
Standard Machy. Co., gas tractors, Schleisingerville, Wis.
Standard Machy Co., Mystic, Conn., & Providence, R. I.
Standard Machinery & Equip. Co., machsts. & fndrs, Guardian Bldg., Cleveland, Ohio.
Standard Malleable Iron Co., Muskegon, Mich.
Standard Mfg. Co., bank fixture, furniture, etc., Appleton, Wis.
Standard Mfg. Co., boxes, Council Bluffs, Ia.
Standard Mfg. Co., brazing compounds, 318 S. Canal, Chicago, Ill.
Standard Mfg. Co., canvas gloves, Lockport, N. Y.
Standard Mfg. Co., hand vacuum cleaners, Syracuse, N. Y.
Standard Mfg. Co., hinges, etc., Shelby, Ohio.
Standard Mfg. Co., ironing boards & folding chairs, Cambridge City, Ind.
Standard Mfg. Co., machsts. & fndrs., Auburn, Ind.
Standard Mfg. Co., road oilers or distributers, Worcester, Mass.
Standard Mfg. Co., window display fixtures, Xenia, Ohio.
Standard Mfg. Co., woolen & steel tray barrows, ash cans, 41 Cortlandt, New York.
Standard Mfg. & Supply Co., asbestos, rubber, fibre, etc., gaskets, 30 N. 4th, Phila., Pa.
Standard Marble Co., Rome, Ga.
Standard Marble Works, 706 W. Front, Cincinnati, Ohio.
Standard Material Co., masons' & bldrs.' matls., 607 W. 66th, Chicago, Ill.
Standard Meat & Live Stock Co., Denver, Colo.
Standard Mechanical Equip. Co., switchboards, stage lights & wire reels, Dallas, Tex.
Standard Metal Bed Refinishing Co., machsts. & fndrs., Foreland & James, N. S., Pittsburgh, Pa.
Standard Metal Co., 135 S. Pennsylvania, Indianapolis, Ind.
Standard Metal Mfg. Co., auto. & phonograph horns, rectifiers, 237 Chestnut, Newark, N. J.
Standard Metal Spinning Co., shade holders, 138 Mott, New York.
Standard Metal Work Co., presses, manifolds, pressed steel, stamping wks. & tapered tubing, Thompsonville, Conn.
Standard Meter Co., 3117 N. 17th, Philadelphia, Pa.
Standard Meter & Mfg. Co., 433 W. 42d, New York.
Standard Mill Supply Co., 39 Exchange pl, Providence, R. I.
Standard Mosaic Tile Co., 525 S. Peoria, Chicago, Ill.
Standard Motor Construction Co., engines, 180 Whiton, Jersey City, N. J.
Standard Motor Truck Co., 1111 Bellevue av, Detroit, Mich.
Standard Music Roll Co., Orange, N. J.
Standard Natural Ventilator Co., Merchants & Mfrs. Bank Bldg., Milwaukee, Wis.
Standard Nov. Works, porch swings, sleds, etc., Duncannon, Pa.
Standard Nut & Bolt Co., Valley Falls, R. I.
Standard Oil Cloth Co., 320 B'way, New York.
Standard Oil Co., 910 S. Michigan av, Chicago, Ill., & 26 B'way, New York.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. of Kentucky, lubrg. oils, Louisville, Ky.
Standard Oil Co. of La., Baton Rouge, La.
Standard Oil Co. of Ohio, E. Ohio Gas Bldg., Cleveland, Ohio.
Standard Oil Engine Co., Bridgeport, Conn.
Standard Oil Soap Co., liquid soap & furniture polish, 45 N. Division, Buffalo, N. Y.
Standard Oiled Clothing Co., 152d & Union av, New York.
Standard Optical Co., Geneva, N. Y.
Standard Oven Co., Oliver Bldg., Pittsburgh, Pa.
Standard Oxygen Co., 216 E. 42d, New York.
Standard Paint & Lead Wks., Cleveland, Ohio.
Standard Paint Co., 233 B'way, New York.
Standard Paper Co., Kalamazoo, Mich.
Standard Paper Mfg. Co., paper mfrs., Richmond, Va.
See adv index at end of book.
Standard Parts Co., The, motor, vehicle, aeroplane parts, etc., Cleveland, Ohio.
Standard Pattern Co., 28th & Spruceway, Pittsburgh, Pa.
Standard Pattern Works, 144 Fort E., Detroit, Mich.
Standard Pattern Works Co., 5332 St. Clair av, Cleveland, O.
Standard Paving Co., contrs., San Antonio, Tex.
Standard Paving Co., 326 W. Madison, Chicago, Ill.
Standard Pearl Button Wks., 9814 Denison, Cleveland, Ohio.
Standard Pearl Works, buttons, Newark, N. J.
Standard Pencil Co., advtg. novelties, 1824 Locust, St. Louis, Mo.
Standard Pipe Covering Co., 3748 E. 71st, Cleveland, Ohio.
Standard Planing Mill Co., Ashland, Ky.
Standard Planing Mill Co., tanks, Lincoln, Neb.
Standard Plate Glass Co., window glass, mirrors & all kinds of glass for stuct'l bldg. purposes, 30 Sudbury, Boston, Mass.
Standard Plating Works, electro plating, 446 N. 12th, Phila., Pa.
Standard Plating Works, York, Pa.
Standard Player Hdwe. Co., 512 W. 36th, New York.
Standard Playing Card Mfg. Co., 345 W. Austin av, Chicago, Ill.
Standard Plumbing Supply Co., St. Anns av & 159th, New York.
Standard Pneumatic Action Co., 638 W. 52d, New York.
Standard Portland Cement Co., Charleston, S. Car.
Standard Portland Cement Corp'n, Crocker Bldg., San Francisco, Cal.
Standard Pottery Co., East Liverpool, Ohio.
Standard Powder Co., 2d Nat. Bk. Bldg., Pittsburgh, Pa.
Standard Pressed Steel Co., 20th & Indiana, Philadelphia, Pa.
Standard Process Steel Corp., grey iron castings, Phillipsburg, N. J.
Standard Printing Co., coin wrappers, Pittsburgh, Pa.
Standard Printing Ink Co., 1644 Providence, Cincinnati, Ohio.
Standard Publishing Co., gummed labels, Vineland, N. J.
Standard Pulley Co., 1734 Power, Cincinnati, Ohio.
Standard Pump & Engine Co., 798 Carroll, Akron, Ohio.
Standard Radiator Co., Inc., Springville, N. Y.
Standard Ry Equipment Co., 20 W. Jackson blvd., Chicago, Ill.
Standard Ry Gate Co., signals, Saginaw, Mich.
Standard Ry. Supp. Co., 4229 Fergus, Cincinnati, Ohio.
Standard Range & Stove Co., 32 Union, Boston, Mass.
Standard Red Cedar Chest Co., Altavista, Va.
Standard Refining Co., sugar, syrups & molasses, 217 West, New York
Standard Refractories Co., silica brick, etc., Claysburg, Pa.
Standard Register Co., Callahan Power Bldg., Dayton, Ohio.

Standard Regulator Co., 282 South, Newark, N. J.
Standard Ring Traveler Co., tex. machy., supplies, etc., New Bedford, Mass.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Standard Roll Co., sand rolls, Worcester, Mass.
Standard Roller Bearing Co., wire wheels, 50th & Lancaster av., Philadelphia, Pa.
Standard Roller Mills Co., flour, Cerulean, Ky.
Standard Rolling Mills, block tin pipe, 363 Hudson, Brooklyn, N. Y.
Standard Rope Co., H Drexel bldg, Phila., Pa.
Standard Salt & Cement Co., Duluth, Minn.
Standard Sand & Machine Co., 5150 St. Clair, Cleveland, Ohio.
Standard Sanitary Mfg. Co., plumbing goods, Bessemer Bldg., Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Standard Sash & Door Co., 5809 S. Racine av, Chicago, Ill.; & Seattle, Wash.
Standard Saw Mill Machy. Co., Erie, Pa., Expt. Dept. 43 Cedar, New York.
Standard Saw & Tool Mfg. Co., Inc., 10 Domrell, Boston, Mass.
Standard Scale & Supply Co., mill & facty. supplies, store trucks, 1631 Liberty av, Pittsburgh, Pa. *See adv index at end of book*
Standard School Heater Co., warm air furnaces, 453 N. Racine, Chicago, Ill.
Standard Scientific Co., chem. & scientific instrs., 70 5th av, New York.
Standard Screen Co., window screens, 1858 Hastings, Chicago, Ill.
Standard Screw Co., brass cap nuts, 81 E. Madison, Chicago, Ill.
Standard Screw Products Co., 2559H Bellevue, Detroit, Mich.
Standard Seamless Tube Co., steel tubing, Ambridge, Pa.
Standard Separator Co., 45th & Burnham, Milwaukee, Wis.
Standard Sewer Pipe Works, Rome, Ga.
Standard Sewing Machine Co., 6402 Cedar av, S. E., Cleveland, Ohio.
Standard Shade Roller Co., Ogdensburg, N. Y.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Standard Shipbuilding Corp., 44 Whitehall, New York, & Shooters Isl., West Brighton, N. Y.
Standard Shoe Machinery Co., 600 Essex, Lawrence, Mass.
Standard Shoe Tying Mach. Co., 19 Lincoln, Boston, Mass.
Standard Shutter & Iron Wks., 2542 Belleview, Kansas City, Mo.
Standard Silicon Co., sand, etc., Ridgway, Pa.
Standard Slag Co., Youngstown, Ohio.
Standard Slide Corp., 209 W. 48th New York.
Standard Smelting & Refining Co., 547 W. 21st, New York
Standard Soap Co., Berkeley, Cal., Camden, N. J., 365 9th av, New York, & 40 Beale, San Francisco, Cal.
Standard Soap Mfg. Co., Woonsocket, R. I.
Standard Spec. & Tube Co., machsts., New Brighton, Pa.
Standard Spinning & Stamping Co., coffee percolators, Toledo, O.
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Standard Stained Shingle Co. See Creo Dept. Co. (successor)
Standard Stamp Affixer Co., Somerville, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Standard Stamping Co., electric stoves, ranges, etc., Huntington, W. Va.
Standard Stamping & Die Co., 153 33d, Brooklyn, N. Y.
Standard Steam Spec. Co., 542 W. B'way, New York.
Standard Steel & Bearings, Incorporated, steel balls, ball & roller bearings, 50th & Lancaster av., Phila., Pa.
Standard Steel Box Co., Bridgeville, Pa.
Standard Steel Car Co., Hammond, Ind., & Frick Bldg., Pittsburgh, Pa.
Standard Steel Castings Co., machsts. & fndrs., 3311 W. 73d, Cleveland, Ohio.
Standard Steel Propeller Co., Vanadium bldg, Pittsburgh, Pa.
Standard Steel Sections, Inc., stair risers & treads, 608 E. 133rd, New York.
Standard Steel Tube Co., The, brazed steel tubing for mechanical purposes, Toledo, Ohio.
Standard Steel & Wire Co., 549 W. Washington blvd, Chicago, Ill.
Standard Steel Works Co., axles, castings, flanges, forgings, rings, rods, springs, tires, wheels, etc., Morris Bldg., Philadelphia, Pa.
Standard Stoker Co., locomotive stokers, Grand Central Terminal, New York.
Standard Stone & Brick Co., Bellaire, Ohio.
Standard Store Service, Inc., wire & cable carriers, conveying apparatus, etc., Hartford, Conn.
Standard Stove Lining Co., Taunton, Mass.
Standard Supply Co., mill & facty. supplies, Wilmington, N. C.
Standard Supply Co., oil & gas well, Scio, Ohio.
Standard Supply & Equipment Co., mill & factory supplies, etc., N. W. cor. Cherry & 13th, Phila., Pa.
Standard Supply & Hdwe. Co., 828H Tchoupitoulas, New Orleans, La.
Standard Syrup Co., canned, 1017 Chouleau, St. Louis, Mo.
Standard Tank Co., iron & shell plate constr., 15 Park row, New York.
Standard Tank & Seat Co., Camden, N. J.
Standard Telephone Repair Co., 321 N. Crawford av, Chicago, Ill.
Standard Textile Co., cotton batting, Glens Falls, N. Y.
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Standard Thread Co. 532 W. 22d, New York.
Standard Tin Plate Co., Canonsburg, Pa.
Standard Tire Protector Co., Akron, Ohio.
Standard Tire & Rubber Co., pneumatic ties, 104 Portland, Boston, Mass.
Standard Tire & Rubber Mfg. Co., Willoughby, Ohio.
Standard Tobacco Stemmer Co., tobacco machy., 5520 2nd av, Brooklyn N. Y.
Standard Tool Co., twist drills, etc., 6700 Central av, Cleveland, Ohio.
Standard Tool & Mfg. Co., metal stamping, 70 Lafayette blvd., Detroit, Mich.
Standard Top & Equipment Co., 1849 E. 65th, Cleveland, Ohio.
Standard Towel Co., Newton, N. J.
Standard Toy Marble Co., Akron, Ohio.
Standard Tractor Co., 2324 University av, St. Paul, Minn.
Standard Trailer Co., Cambridge Springs, Pa.
Standard Transformer Co., Dept. H, Warren, Ohio.
Standard Trunk Co., 535 B'way, New York.
Standard Turnbuckle Co., bolts, gibs, auto parts, etc., Corry, Pa.
Standard Turning Wks., dowels & wood turnings, Cambridge, Mass.
Standard Ultramarine Co., blues, Huntington, W. Va.
Standard Underground Cables Co., Westinghouse Bldg., Pittsburgh, Pa.
Standard Union Co., 7 Walter, Boston, Mass.
Standard Utility Co., contractors, cornices, 225 Lexington av, New York.
Standard Valve Gear Co., Toledo, Ohio.
Standard Varnish Wks., 90 West, New York
Standard Vending Mach. Co., fly killers, Hazleton, Pa.
Standard Ventilator Co., Lewisburg, Pa.
Standard & Vulcanite Pen Co., fountain pen mfrs., 752 Lex. av, Brooklyn, N. Y.
Standard Wall Paper Co., Hudson Falls, N. Y.
Standard Waste Mfg. Co., cotton waste, 3067 E. 61st, Cleveland, Ohio.
Standard Water Systems Co., condensers, heaters, stills, tanks, etc., Hampton, N. J.
Standard Wax & Import Co., 95 William, New York.
Standard Wheel Co., Terre Haute, Ind.
Standard Whip Co., Westfield, Mass.
Standard Whol. Phosphate Co., acid phosphate & fertilizer mfrs., Continental Bldg., Baltimore, Md.
Standard Wire Cloth & Screen, Co., York, Pa.
Standard Wire Co., New Castle, Pa.
Standard Wire Spring Co., Cleveland, Ohio
Standard Wiring Mach. Co., bundling machy., 363 Flushing av, Brooklyn, N. Y.
Standard Wood Nov. Co., 446-450 Water, New York
Standard Wood Pipe Co., Williamsport, Pa.
Standard Woven Fabric Co., see Multibestos Co. (successors).
Standardizing Machy. Co., portable hoists, 299 B'way, New York.
Standart Bros. Hardware Corp., whol. hdwe. & tin plate, 8 Jefferson av, Detroit, Mich.
Standart Portland Cement Corp., Crocker Bldg., San Fran., Cal.
Stander, Jacob, bedstead mfrs., 754 Park av, Brooklyn, N. Y.
Standifer-Clarkson Co., ship builders, Portland, Ore.
Standley Skid Chain Co., Boone, Iowa.
Standpipe, J. M., constr. Co., ship bldrs., Vancouver, Wash.
Standring, Sam'l, machst., Hope & Somerset, Phila., Pa.
Stanfield, M. B., weather strips, 535 Tusculum av, Cincinnati, O.
Stanford-Crowell Co., advertising signs, Ithaca, N. Y.
Stanford Steel Products Co., cold rolled strip steel mfrs., Milford, Conn.
Stanford University Dept. of Engineering, engng. schools & coll., San Francisco, Cal.
Stange, A. H., Co., lbr., Merrill, Wis.
Stangel & Boekling, contrs., Peru, Ill.
Stanhope, Leon E., architect, 59 E. Madison, Chicago, Ill.
Staniford, J. W., & Co., gauge glasses, 40 Hanover, Boston, Mass.
Stanley Belting Corp'n., belt fasteners, shaft couplings, etc. 34 S. Clinton, Chicago, Ill.
Stanley Bronze Co., fndrs., Bridgeport, Conn.
Stanley, C. C., canned goods, Hollins, Va.
Stanley, Calrow L., file & rasp mfr., Lowell, Mass.
Stanley Co., gas & marine engines, Salem, Mass.
Stanley Co., machsts. & fndrs., 79 Milk, Boston, Mass.
Stanley Construction Co., 6 S. Division, Buffalo, N. Y.
Stanley Fdry Co., Grand Rapids, Mich.
Stanley, G. W., architect, 668 Kearney, Portland, Ore.; Globe Bldg., Seattle, Wash.
Stanley, Geo. W., Co., tuyere irons, nails, staples, Belleville, Ill.
Stanley, H. A., canned goods, Bedford, Va.
Stanley Hoist & Machine Co., 620 W. 25th, New York.
Stanley Insulating Co., bottles—vacuum, Great Barrington, Mass.
Stanley, J. B., contractor, Durham, N. C.
Stanley, J. C., architect, Olympia, Wash.
Stanley, J. R., Chemical Co., dental cements & mercury, 1 Union Sq., New York.
Stanley, James, soap, 640 W. 30th, New York.
Stanley, Jno. T., soap, metal polish, 642 W. 30th, New York.
Stanley Mfg. Co., name plates, 46 Cannon, Dayton, Ohio.
Stanley Motor Carriage Co., Newton, Mass.
Stanley, O., architect, Bardstown Ky.
Stanley & Patterson, Inc., electrical specialties mfrs., 23 Murray, New York.
Stanley, R. C., architect, 4346 47th av S. W., Seattle, Wash.
Stanley Reinforced Concrete Co., pipe, Centralia, Wash.
Stanley Rule & Level Plant, carpenters & mechanics tool mfrs., New Britain, Conn.
Stanley & Schiebel, architects, Wick Bldg., Youngstown, Ohio.
Stanley Shipbldg. Co., Shooters Island, S. I., N. Y.
Stanley-Smith Lumber Co., Hood River, Ore.
Stanley, Wm. W., canvas goods, 50 Church, New York.
Stanley Works, builders cabinet & shelf hardware, cold rolled strip steel & box strapping mfrs., specials to blue print, New Britain, Conn. *See adv index at end of book.*
Stannard Iron Foundry, New Haven, Conn.
Stannard, J. B., architect, Ingle blk., San Diego, Cal.
Stannard Mfg. Co., bolts expansion, 371 Allen, Springfield, Mass.
Stansbury, Chas. V. H. W., contractor, W. Hellman Bldg., Los Angeles, Cal.
Stansbury, Daniel R., htg. contr., 1304 H. N. W., Washington, D. C.
Stansbury, H. O., Co., rat traps, 415 Commerce, Phila., Pa.
Stansbury, Jas. H., sash, door & blind mfrs., Hollis, N. Y.
Stant, Benj. F., contractor, Camden, N. J.
Stant, Geo., Mach. Works, Connersville, Ind.
Stanton, E. H., Co., meat packers, Spokane, Wash.
Stanton, E. J., & Son, lumber, Los Angeles, Cal.
Stanton Foundry & Machine Co., Palatka, Fla.
Stanton Frederick C. H. architect, 621 Cornelia av, Chicago, Ill.
Stanton, Geo., contractor, 120 Worth, New York.
Stanton Heater Co., Martin's Ferry, Ohio.
Stanton, Samuel M., architect, Ann Arbor, Mich.
Stanton, Wm. A., architect, Vicksburg, Miss.
Stantonsburg Lbr. Co., Stantonsburg, N. C.
Stanwood Lumber Co., Stanwood, Wash.
Stanwood Mfg. Co., advtg. novelties, 88 Broad, Boston, Mass.
Stapf & Benfer, contrs., Harrisburg, Pa.
Staple Post Mold Co., Westerville, Ohio.
Staples Brick Co., Kingston, N. Y.
Staples Bros., cornices, 218 S. Wabasha, St. Paul, Minn.
Staples Bros., masons' & bldrs.' matls., Lowell, Mass.

Staples Coal Co., masons' & bldrs.' matls., Fall River & Taunton, Mass.
Staples & Gould, mill & facty. supplies, Milford, Mass.
Staples, H. F., & Co., furniture polish, Medford, Mass.
Staples & Hanford Co., spring beds, Newburgh, N. Y.
Staples & Hartman, carriages, Stroudsburg, Pa.
Staples, Harvey E., carriages, Brooks, Me.
Staples-Hildebrand Co., masons' & bldrs.' matls., South Bend, Ind.
Staplin & Smith, Babbit metal, belt dressing, etc., 359 W. Austin, Chicago, Ill.
Stappen, Wm., willow ware mfrs., 237 So. 10th, Phila., Pa.
Star Aluminum Co., aluminum ware, Ashland, Ohio.
Star Bit & Tool Co., Rockford, Ill.
Star Box & Paper Co., cartons, Dept. H, Chattanooga, Tenn.
Star Brass Foundry, 128 Exchange, Worcester, Mass.
Star Brass Mfg. Co., gauges, lubricators, valves, etc., 53 Oliver, Boston, Mass.
Star Brass Works, machsts., 3129 Carroll, Chicago, Ill.
Star Brass Works, elec. ry. supps., Kalamazoo, Mich.
Star Brick Co., Des Moines, Ia.
Star Bros. Bell Co., unmounted gongs, East Hampton, Conn.
Star Bucket Pump Co., 1218 N. 15th, St. Louis, Mo.
Star Button Works, 53 W. 28th, New York.
Star Canning Co., Republic, Mo., & Roy, Utah.
Star Carriage Co., Seattle, Wash.
Star Clay Co. (Ltd), Mertztown, Pa.
Star Clay Products Co., Elmendorf, Tex.
Star Coal & Cement Co., masons' & bldrs.' matls., Dayton, Ohio.
Star Coal Co., masons' & bldrs.' matls., Beloit, Wis.
Star Cornice Skylight & Roofing Works, 569 3d av, New York.
Star Corundum Wheel Co., see Detroit-Star Grinding Wheel Co., (successors).
Star Coulter Co., plow coulters, Canton, Ohio.
Star & Crescent Co., turkish towels, Lehigh av & Hancock, Philadelphia, Pa.
Star & Crescent Milling Co., mill feed, 160 W. Jackson blvd., Chicago, Ill.
Star Cut Stone Co., Persons & W. Shore R. R., Buffalo, N. Y.
Star Drilling Machine Co., Akron, Ohio.
Star Dynamo Co., Jefferson City, Mo.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.
Star Elec. Co., fire alarm signal boxes, Binghamton, N. Y.
Star Elec. Co., ground connection clamps, 212 S. 8th, Phila., Pa.
Star Elec. Motor Co., motors, generators, fans & miller, N. J. R. R. av, Newark, N. J.
Star Elec. Fuse Works, blasting batteries, miners' squibs, Wilkes-Barre, Pa.
Star Electric Motor Co., 245 N. J. R. R. av, Newark, N. J.
Star Electrode Works (of Nat. Carbon Co.), Niagara Falls, N. Y.
Star Expansion Bolt Co., bolt expansion shields, clamps, etc., mfrs., 145 Cedar, New York. *See adv. index at end of book*
Star Felt Cutting Co., felt washers, gaskets, etc., 260 69th, Brooklyn, N. Y.
Star Foundry Co., Covington, Ky., & Troy, Ohio
Star Foundry & Mach. Works, Anderson, Ind.
Star Furn. Co., Dept. H, Jamestown, N. Y.
Star Furnace Co., Jackson, Ohio.
Star Fuse Co., 290 Church, New York.
Star Glass Co., lamp chimney, Star City, W. Va.
Star Glass Co. (Ltd.), Medford, N. J.
Star Grain & Lumber Co., masons' & bldrs.' matls., Wellsville, Kans.
Star Granite Co., Barre, Vt.
Star Hame Mfg. Co., Blanchester, Ohio.
Star Hardware & Supply Co., Toledo, Ohio.
Star Headlight & Lantern Co., Rochester, N. Y.
Star Heel Plate Co., Wilson av, Newark, N. J.
Star Iron Works, Punxsutawney, Pa.
See adv. index at end of book.
Star Jack Co., Bloomfield, Ind.
Star Knitting Co., knitted gloves, La Crosse, Wis.
Star Lime Co., Hannibal, Mo.
Star Lock Works, 110 S. 8th, Philadelphia, Pa.
Star Lubrg. Oil Co., 8714 B'way, Cleveland, Ohio.
Star Mach. Co., Marietta, Ohio.
Star Machinery Co., 1731 1st av, S., Seattle, Wash.
Star Mfg. Co., agricultural implements, Carpenterville, Ill., & New Lexington, Ohio.
Star Mfg. Co., hand soap, 331 Summer, Stamford, Conn.
Star Metal Box Co., clamps (conduit), bushings, porcelain, 507 W. 19th, New York.
Star Mill & Elevator Co., flour, Hennessy, Okla.
Star Milling Co., flour, Aurora, Ind.
Star Milling Co., flour, Buckhannon, W. Va.; North Tazewell, Va.; Shoals, Ind., & Statesville, N. C.
Star Music Co., pianos, 9 E. Harrison, Chicago, Ill.
Star Nickel Plating Works, 232 N. 5th, Philadelphia, Pa.
Star Oil Co., lubrg., 348 Irving av, Chicago, Ill.
Star Ornamental Iron & Wire Works, 2525 Frazier, Pittsburgh, Pa.
Star Paper Dish Co., Richmond, Va.
Star Pea Huller Co., machsts., Chattanooga, Tenn.
Star Peerless Wall Paper Mills, Joliet, Ill.
Star Pin Co., Derby, Conn.
Star Pin Co., hair pins, Shelton, Conn.
Star Planing Mill Co., sashes, doors & blinds, Mount Sterling, Ky.
Star Plating Wks., 98 B'way, Buffalo, N. Y.
Star Plbg. Supply Co., 919 E. Lombard, Balto., Md.
Star Pointer Pump Mfg. Co., paint & white wash spraying machines, Menasha, Wis.
Star Porcelain Co., porcelain specialties, Trenton, N. J.
Star Refining Co., smelters & refiners, 116 W. First, Boston, Mass.
Star Ribbon Mfg. Co., woven labels, 456 4th av, New York.
Star Rubber Co., Akron, O.
Star Sand Co., Portland, Ore.
Star Seal Co., machsts., 30 Church, New York.
Star Seeder Co., Shortsville, N. Y.
Star Specialty Co., beaters (egg & cream), Ashland, O.
Star Specialty Mfg. Co., grinders, etc., 227-233 W. Erie, Chicago, Ill. *See adv. index at end of book.*
Star Stone Co. (of Chicago), Bloomington, Ind.
Star Stoneware Co., Crooksville, Ohio.
Star Tank Co., Goshen, Ind.
Star Tractor Co., Findlay, Ohio.
Star Watch Case Co., Ludington, Mich.
Star Webbing Works, Brockton, Mass.
Star Wks., brick, 22nd & R. R., Pittsburgh, Pa.
Starbird, C. V., lbr., Strong, Maine.
Starbuck, H. F., architect, Rowell Bldg., Fresno, Cal.
Starbuck Mfg. Co., hog oilers, Peoria, Ill.
Starbuck, R. M., & Sons, plumbers' supplies, Hartford, Conn.
Starch Bros. Co., mchsts. & fdrs., La Crosse, Wis.
Starchroom Publishing Co., 415 Pioneer, Cincinnati, Ohio.
Starck, P. A., Piano Co., 208 S. Wabash av, Chicago, Ill.
Starin, Arthur J., architect, 7 W. 47th, New York.
Stark Brick Co., Canton, Ohio.
Stark Car Coupler Corp., Strasburg, Va.
Stark-Davis Co., plbrs. supps., Portland, Ore.
Stark, H. F., contractor, Greensburg, Pa.
Stark, Hy., & Co., cornices, 2105 Gravois, St. Louis, Mo.
Stark, Jas. E., & Co., lumber, Memphis, Tenn.
Stark Mills, bagging, sheetings, tickings, etc., Manchester, N. H.
Stark Paper Co., North Bennington, Vt.
Stark, R. I., furn., Dept. H, Scranton, Pa.
Stark Rolling Mill Co., Canton, Ohio.
Stark, T., & Co., contractors, Cedar Rapids, Ia.
Stark Textile Co., auto, binding, Valatie, N. Y.
Stark Tool Co., bench & precision lathes, & milling machine mfrs., 218½ Moody, Waltham, Mass.
Starke, Ashton, mill & facty. supps., Richmond, Va.
Starke, C. H., Dredge & Dock Co., 216 Water, Milwaukee, Wis.
Starke, Hy., Land & Lumber Co., Arcadia, Mich.
Starke's Dixie Plow Wks., Richmond, Va.
Starkey, I. (Est. of), masons' & bldr.' matls., Holden, Mo.
Starkey, John, brick, North Industry, Ohio.
Starkweather, R. R., Co., stairbuilders' supplies, Oshkosh, Wis.
Starkweather & Williams Co., plate glass, 47 Exch. pl, Providence, R. I.
Starr, B. F., & Co., mill & facty. supps., & flour grinding machy., Guilford av & Center, Balto., Md.
Starr Bros. Bell Co., East Hampton, Conn.
Starr, C. M., Mfg. Co., machsts., South Bend, Ind.
Starr, D. H., auto. top & carriage bows, Highland, N. Y.
Starr Granite & Marble Wks., Corry, Pa.
Starr Engng. Co., refrigerating engrs., 90 West, New York.
Starr, Harry C. architect, 681 5th av, New York.
Starr, J. G. & Son, harness, saddles & strak wk. mfrs., Decatur, Ill.
Starr, Jno. V., architect, Tulsa, Okla.
Starr, Julian S., architect, Rock Hill, S. C.
Starr Package Machy. Co., Northampton, Mass.
Starr Piano Co., Richmond, Ind.
Starr, W. C., & Son Co., chains, Indianapolis, Ind.
Starratt & Jones Co., mill & facty. supplies, 72 Greene, New York.
Starrells, Morris & Co., bathing suit mfrs., 2122 E. Dakota, Philadelphia, Pa.
Starret & Goss, contractors, 103 Park av, New York.
Starrett, F. M., architect, Forest Grove, Ore.
Starrett, Fields Co., masons' & bldrs.' matls., 809 Mass. av, Boston, Mass.
Starrett, L. S., Co. (The), fine mechanical tools, mfrs., Athol, Mass. *See adv index at end of book.*
Starrs, Wm., contractor, 250 15th, Detroit, Mich.
Stary, Frank & Sons, mchsts. & fndrs., Cedar Rapids, Ia.
State Architect's Office, Capitol Bldg., Albany, N. Y.
State Board of Architects, Phelan Bldg., San Francisco, Cal.
State College of Mines, engng. school & coll., Rapid City, S. D.
State Coll. of Wash., coll. of mechanic arts & engng., Pullman, Wash.
State Constr. Co., 131 E. State, Columbus, Ohio.
State Const. Co., 736 K. of P., Indianapolis, Ind.
State Improvement Co., contractors, Crocker Bldg., San Francisco, Cal.
State Lbr. Co., Columbia Falls, Mont.
State Mfg. Co., boiler compounds, 3545 E. 76th, Cleveland, O.
State Oil Co., compounds, sweeping, Lincoln, Neb.
Staten Island Shipbuilding Co., 1983 Richter ter, Port Richmond, N. Y.
Staten Island Supply Co., mill & facty. supplies, 398 Bay, West New Brigton, N. Y.
States Chemical Co., 663 W. Austin, Chicago, Ill.
States Co., testing clamps, phase shifters, etc., 19 New Park av, Hartford, Conn.
States Motor Car Mfg. Co., Kalamazoo, Mich.
Statesir Lumber Co., Freehold, N. J.
Statesman Co., advtg. signs, Marshall, Mich.
Statesville Cotton Oil Co., Statesville, N. C.
Statesville Flour Mill Co., Statesville, N. C.
Statesville Furn. Co., Dept. H, Statesville, N. C.
Statesville Show Case Co., Statesville, N. C.
Strathem-Cosier Co., canned goods, Newport, N. J.
Stationers' Loose Leaf Co., Milwaukee, Wis.
Statom Boiler Wks., Anniston, Ala.
Staton-Moore Canning Co., Fruitland, Md.
Staub, Jas. A., brick, New Oxford, Pa.
Staude, E. G., Mfg. Co., paper box machy. & auto attachments, St. Paul, Minn.
Stauder, A. F., architect, Wainwright Bldg., St. Louis, Mo.
Stauder, N. B., contractor, Lorain, O.
Staudte & Reuckoldt Mfg. Co., store & bar fix., 112 Soulard, St. Louis, Mo.
Stauduhar, Frank X. architect, Manhattan bldg, Duluth, Minn.
Stauduhar, Geo. P., architect, Rock Island, Ill.
Stauffer, A. T. B., lumber, Bechtelsville, Pa.
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Stauffer, Ernest L., architect, 303 Columbia Terrace, Decatur, Ill.
Stauffer, Eshleman & Co., Ltd., mill & factory supplies & wholesale hardware, 511 Canal, New Orleans, La.
Stauffer, Geo. M., brick, Gladbrook, Ia.
Stauffer, Jos. R., coke mfr., Scottdale, Pa.
Stauffer, P., cornices, Moberly, Mo.
Stauffer, Van Avery Co., cornices & skylights, Eldora, Ia.
Staunchwood Shops, woodwork, 97 Lincoln, Flushing, N. Y.
Stauter, Ira H., contractor, Peru, Ind.
Stavenhagen, W. H., Co., leaded glass shades, etc., 516 W. 47th, New York.
Staver Carriage Co., machsts., 76th & Wallace, Chicago, Ill.
Staybestos Mfg. Co., brake lining, 5534 Lena, Phila., Pa.
Stayner & Daly, lbr., Salt Lake City, Utah
Steacy-Schmidt Mfg. Co., machsts. & fndrs., kilns, turntables, etc., York, Pa.

Steacy & Wilton Co., lime mfrs., Wrightsville, Pa.
Steadman, Frank, pianos, Yonkers, N. Y.
Steam Appliance Co., steam specialties, Milwaukee, Wis.
Steam Carriage Boiler Co., Oswego, N. Y.
Steam Supp. & Rubber Co., oil burners, 79 Washington, Seattle, Wash.
Steam Tractor Auto & Mfg. Co., piston rings, etc., Sioux City, Ia.
Steamship & Shipyard Equip Co., 113H Broad, New York.
Stearnes Co., cooking apparatus, 133 W. Lake, Chicago, Ill.
Stearns, A. T. Lumber Co., builders finish, tanks, vats, lumber etc., 100 Taylor, Boston, Mass. *See adv index at end of book.*
Stearns Coal & Lbr. Co., Ludington, Mich.
Stearns Co., saw mills, etc., Erie, Pa.
Stearns & Culver Lbr. Co., L'Anse, Mich.
Stearns, E. C., & Co., hdwe. mfrs., 450 Oneida, Syracuse, N. Y.
Stearns Elec. Paste Co., insecticides, Peoples Gas Bldg., Chicago, Ill.
Stearns, F. B., Co., automobile bldrs., Euclid av & Lakeview rd, Cleveland, Ohio.
Stearns, F. M., & Co., pipe joints cements, Jamestown, N. Y.
Stearns, Fitch & Co., china kilns, Springfield, Ohio.
Stearns & Foster Co., cotton felts, mattresses, etc., Lockland, O.
Stearns, Frank P., contractor, Fredericksburg, Va.
Stearns Gas Engine Wks., Los Angeles, Cal.
Stearns, J. S., Co., lbr. mfrs., Grand Rapids, Mich.
Stearns Joel M., machy dlrs. mill & facty supp. & whol. hardware, Greenfield, Mass.
Stearns Lime Co., Danbury, Conn.
Stearns Lime & Stone Co., 160 W. Randolph, Chicago, Ill.
Stearns Lbr. & Shingle Co., Stearnsville, Wash.
Stearns & McKay Co., ship bldrs., Marblehead, Mass.
Stearns Mfg. Co., wrenches, Toledo, Ohio.
Stearns Motor Mfg. Co., farm tractors & gasoline engines, Ludington, Mich.
Stearns Paper Products Co., advtg. signs, 1604 S. Dearborn, Chicago, Ill.
Stearns Register Co., 111 Fort, E., Detroit, Mich.
Stearns-Roger Mfg. Co., mill & facty. supplies, Denver, Colo.
Stearns Salt & Lumber Co., Ludington, Mich.
Stearns, W. H., Stamping Co., sheet metal stamping, Worcester, Mass.
Stearns & White Co., chemists, 859 N. Franklin, Chicago, Ill.
Stearns & Woodnutt, architects, Stephen Girard Bldg., Chicago, Ill.
Stearyte Co., Inc., 312 E. 22d, New York.
Stebbings, W. L., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.
Stebbings, Walter L., architect, 6033 Calumet av, Chicago, Ill.
Stebbins, E., Mfg. Co., founders, Springfield, Mass.
Stebbins Engng. & Mfg. Co., machsts., Watertown, N. Y.
Stebbins, H. B., Lumber Co., Mason Bldg., Boston, Mass.
Stebbins & Haxby, architects, Auditorium Bldg., Minneapolis, Minn.
Stebbins Hdwe. Co., mil & facty. supplies, 15 W. Van Buren, Chicago, Ill.
Stebbins Mfg. Co., laundry machinery, 1737 Blake, Denver, Colo.
Stebbins Oil & Gasoline Co., Tulsa, Okla.
Stebbins, Wallace, & Sons, mill & facty. supplies, machy. dlrs., 100 S. Charles, Baltimore, Md.
Stebbins & Watkins, architects, 164 Federal, Boston, Mass.
Stebbins, Wm. C., mill & facty. supplies, Watertown, N. Y.
Steber Mach. Co., Utica, N. Y.
Stebinger Bros., contractors, 626 B'way, Portland, Ore.
Stech, Wm. F., contr., Para, Ill.
Stecher, A., strings—gut, 47th & So. Racine av, Chicago, Ill.
Stecher, Chas. Co., screw mach. can body & beading mach., soldering & testing machines etc., 2301 Knox av, Chicago, Ill.
Stecher Cooperage Wks., wooden kegs, 3d & Barton, St. Louis, Mo.
Stecher Lithographic Co., advtg. post cards, Rochester, N. Y.
Stecher & Speirein Co., advtg. nov. & spec., 65 W. Houston, New York.
Steck, Geo., & Co., pianos, 605 E. 132d, New York.
Steckenreiter Iron Wks., Calyer & Jewell, Brooklyn, N. Y.
Stecker Elec. & Mach. Co., junction boxes, gas igniters, Dewey, Detroit, Mich.
Stedman, F. C., Co., meat packers, Athens, Ohio.
Stedman, Geo. O., architect, Rome, N. Y.
Stedman, J. H., Co., scrap rubber, South Braintree, Mass.
Stedman, M. W., rakes, Tyringham, Mass.
Stedman's Fdry. & Mach. Wks., Aurora, Ind.
Steed Bros., machinists, New Mount Pleasant, Ind.
Steedman, J. H., Lbr. Co., Norwood, Ga.
Steel Barrel Co. of America, Lister av, south of Lockwood, Newark, N. J.
Steel Barrel Co. of America, steel barrel mfrs., 29 B'way, New York.
Steel Basket Co., Cedar Rapids, Ia.
Steel Bros., contrs., Wilkinsburg, Pa.
Steel Car Co., freight cars, Euclid, Ohio.
Steel Car Forge Co., Frick Bldg., Pittsburgh, Pa.
Steel City Elec. Co., flexible mtlc. conduits, 1207 Columbus av, Pittsburgh, Pa.
Steel Equip. Corp., store fixtures, Avenel, N. J.
Steel Fabricating Corp., McCormick bldg, Chicago, Ill.
Steel Fixture Mfg. Co., Topeka, Kan.
Steel Forgings Co., Oakley, Cincinnati, Ohio.
Steel Furniture Co., Grand Rapids, Mich.
Steel Heddle Mfg. Co., textile machy., supplies, etc., 2110 W. Allegheny av, Philadelphia, Pa.
Steel Improvement & Forge Co., auto forgings, case hardening, etc., 5003 Windsor av, Cleveland, Ohio.
Steel & Iron Products Co., concrete reinforcing materials, 1911 Emerson av, Chicago, Ill.
Steel Mill Packing Co., 240 W. Jefferson, Detroit, Mich.
Steel Plate Products Co., tanks, Pottstown, Pa.
Steel Producers Export Corp., 120 B'way, New York.
Steel Products Co., bolts, 2206 Clarkwood av, S. E., Cleveland, O.
Steel Products Co., Savannah, Ga.
Steel Products Engineering Co., special machinery, Springfield, O.
Steel Protected Concrete Co., Real Estate Trust Bldg., Philadelphia, Pa.
Steel Rail Supply Co., 2 Rector, New York.
Steel Roofing & Stamping Works, Des Moines, Ia.
Steel Sales Corp., iron & steel mers. & mfrs. 129 S. Jefferson, Chicago, Ill.
Steel (The) Scaffolding Co., Evansville, Ind.
Steel Socket Shaft End Co., 1432 E. 49th, Cleveland, Ohio.
Steel Specialties Co., lock nuts & washers, H W. Water, Wakefield, Mass.
Steel Tank & Products Co., 10 W. Illinois, Chicago, Ill.
Steel & Taylor Co., metal buttons, 141 W. 36th, New York.
Steel & Torrance Co., Inc., mill & facty. supplies, Batavia, N. Y.
Steel Truck Co., facty. trucks, Nowell, Mich.
Steel & Tube Co. of Am., wrought iron pipe, Conway Bldg., Chicago, Ill.
Steel, W. B., canned goods, Port Deposit, Md.
Steel & Wike Co., steel struct'l wk., 533 N. 13th, Phila., Pa.
Steel Wire Products Co., nails, Preble & Seymour, Pittsburgh, Pa.
Steele, Alderfer, Co., cretes & hose reels, Cuyahoga Falls, Ohio.
Steele, Benton, architect, Halstead, Kan.
Steele & Condict, machsts. & fndrs., 74 Pearl, Jersey City, N. J.
Steele, E. J., machinists & founders, Boaz, Ala.
Steele, Fletcher, landscape architect, 88 Broad, Boston, Mass.
Steele Glass Co., 622 Locust, Philadelphia, Pa.
Steele Hardware Co., Parsons, Kan.
Steele & Hibbard Lbr. Co., 3125 N. B'way, St. Louis, Mo.
Steele, J. C., & Sons, cars & machinery, Statesville, N. C.
Steele & Johnson, lbr. mfrs., Winnsboro, La.
Steele & Johnson Mfg. Co., shade holders, etc., 779 S. Main, Waterbury, Conn.
Steele-Kattman Coal Co., Hymera, Ind.
Steele Mfg. Co., machsts. & fndrs., Gloversville, N. Y.
Steele-Patton Lbr. Co., Knoxville, Ala.
Steele, Resin D., archit., First Nat'l Bk. Bldg., Houston, Tex.
Steele & Son, contrs., Paterson, N. J.
Steele Table Co., Port Norfolk, Va.
Steele, W. M., automobile bldrs., Worcester, Mass.
Steele, Wm. M., contr., 248 Gertrude, Syracuse, N. Y.
Steele, Wilbur S., Co., furnace pipe & hot air furnace tops, Hartford, Conn.
Steele, Wm. L., architect, United Bk. Bldg., Sioux City, Ia.
Steele, Wm., & Sons Co., contractors, 1600 Arch, Phila., Pa.
Steelite Co. (The), elevator gates & enclosures, etc., 1902 W. 77th, Cleveland, Ohio
Steelman, Alfred B., architect, Atlantic City, N. J.
Steelton Mfg. Co., adjustable metal shade strips, Steelton, Pa.
Steelton Planing Mill Co., Steelton, Pa.
Steen, James T., architect, Fulton Bldg., Pittsburgh, Pa.
Steen, H. Mill Co., lbr., Vashon, Wash.
Steen Rice & Cotton Mill Co., Abbeville, La.
Steenberg, O. C., Co., sash, door & blind, Fond Du Lac, Wis.
Steenland Constr. Co., Palisades Park, N. J.
Steep, W. H., common brick, Seneca, Ill.
Steere Engineering Co., gas producers, gas pipes, valves, etc., 7342H Woodward, Detroit, Mich.
Steere, Geo., metal numbers, 432 S. Dearborn, Chicago, Ill.
Steere, John W., & Son Organ Co., Springfield, Mass.
Steers, Henry, contr., 17 Battery pl, New York City.
Steers, Hy., Sand & Gravel Co., 17 Battery pl, New York.
Steers Supply Co., belt dressing, 18 Vesey, New York.
Stefani, Angelo, stone, Detroit, Mich.
Steffen, Gustave, nail sets, etc., 1934-38 N. Ruse, Philadelphia, Pa.
Steffens-Amberg Co., hdwe. mfrs., machsts., 262 Morris av, Newark, N. J.
Steffens & Steffens, architects, Williamson Bldg., Cleveland, Ohio.
Steffes, M., Son, masons' & bldrs.' matls., Penobscot Bldg., Detroit, Mich.
Steffey Mfg. Co., gas engines, Philadelphia, Pa.
Steffler, Edward H., architect, 410 Oliver, Pittsburgh, Pa.
Stege Brass & Plating Wks., machsts., Louisville, Ky.
Stegeman Motor Car Co., 606 Linus, Milwaukee, Wis.
Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.
Stehlin-Miller Henes Co., lamp guards, 103 Park av, New York.
Stehling, Chas. H., Co., hide & leather working, tanning, etc., machinery, 401 4th, Milwaukee, Wis.
Stehman Bros., lbr., Rainier, Ore.
Stehr, C., smoking pipes, 347 Broome, New York.
Stelo & Duttweifer, Inc., machy. dir., 79 Wall, New York.
Steidl Bros., meat packers, Mattoon, Ill.
Steif, Leo B., architect, 30 N. La Salle, Chicago, Ill.
Steigely, Arthur, architect, 7323 Yale av, Chicago, Ill.
Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.
Steiger, P., Trunk & Bag Co., 637 Broad, Newark, N. J.
Steiger Trading Co., Inc., crude rubber, 49 Murray, New York
Steigert, L., Co., safety water columns, food choppers, etc., Logan & Elder, Cincinnati, Ohio.
Steigerward, Ed., & Sons, bldg. contrs., 2303 Galena, Milwaukee, Wis.
Steigman, Philip, archit., 690 B'way, Brooklyn, N. Y.
Steimer & Moore Whip Co., Westfield, Mass.
Stein, Adam, organs, 5 N. Green, Baltimore, Md.
Stein Bros. & Co., advtg. novelties, 422 S. Dearborn, Chicago, Ill.
Stein, Clarence S., architect, 56 W. 45th, New York
Stein Constr. Co., Chattanooga, Tenn.
Stein-Ebertshaeuser & Co., stone producers, 1017 W. Division, Chicago, Ill.
Stein, Hall & Co., chemicals, 61 B'way, New York.
Stein, Hall Mfg. Co., starch mfrs., 111 W. Wash., Chicago, Ill.
Stein, Henry, plumbers' supplies, jobbers, 48 Cliff, New York.
Stein, J., & Sons, music cabinets, 38 Franklin, Brooklyn, N. Y.
Stein, John J., exhaust heads, bilge pumps, leather plungers, steel riveted flanged fittings, etc., 30 Clay, Bklyn, N. Y.
Stein, S., architect'l & ornament'l iron, 63 N. Henry, B'klyn, N.Y.
Stein, Wm. P., & Co., machsts., Rochester, N. Y.
Steinal, Bruno, arch'l iron, 429 W. 26th, New York.
Steinau Co., advtg. spec., Louisville, Ky.
Steinbach, J. G., architect, 155 N. Clark, Chicago, Ill.
Steinbach's, W. D., Sons, contractors, Lewiston, Pa.
Steinbaugh, C. W., architect, Brandeis Theatre Bldg., Omaha, Neb.
Steinbeck, L. O., Lbr. Co., Charleston, W. Va.
Steinberg, Jacob, cornices, 229 Belmont av, Newark, N. J.
Steinberg, Nathan, scrap iron & steel, Omaha, Neb.
Steinberg Steam Cut Stone Co., stone producers, wkrs. & dlrs., 596 Rockaway av, Brooklyn, N. Y.
Steinborn, Edward, architect, 1305 N. Maplewood av, Chicago, Ill.
Steinbrenner, Chas. L., architect, 31 Clinton, Newark, N. J.
Steinbrenner-Fisher Co., contractors Niagara Falls, N. Y.
Steineger Saddlery Co., Springfield, Mo.
Steiner, August, agricultural implements, etc., Homewood, Ill.
Steiner Bros., machsts., Lima, Ohio.

Steiner, E. E., & Co., japanning & enameling ovens, 20 Orange, Newark, N. J.
Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.
Steiner, Jos., lumber mfrs., Croghan, N. Y.
Steiner, M., & Co., machsts, gas engines, Dayton, Ohio
Steiner Mfg. Co., meat choppers, clothes washing machs., etc., 4100 N. 21st, St. Louis, Mo.
Steiner Mfg. Wks., machsts., Erie, Pa.
Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
Steiner's, Wm., Sons, whol. hdwe., Monroe, Mich.
Steinert, R., & Co., machsts., Washburn, Wis.
Steinfeld Bros., toys, games & nov., lawn furniture, etc., 116 W. 32nd, New York
Steinfield, Albert, & Co., mill & facty. supplies, whol. hdwe., Tucson, Ariz.
Steinhagen & Klinger, contractors, M. & M. Bk. Bldg., Milwaukee, Wis.
Steinhardt & Co., cottonseed meal, 926 Gravier, New Orleans, Lr.
Steinheiser, Christian P., masons' & bldrs.' matls., Mack & R. R., Detroit, Mich.
Steininger, E. A., Construction Co., Post Dispatch Bldg., St. Louis, Mo.
Steinkamp, Jos. G., & Bro., architects, Mercantile Library Bldg., Cincinnati, Ohio.
Steinke, E. H., Canning Co., Benton Harbor, Mich.
Steible Turret Machine Co., turret lathes, Madison, Wis.
Steinman Bros. Lbr. Co., sashes, doors & blinds, Jenera, Ohio
Steinman, F. W., architect, Beaumont, Tex.
Steinman Hdwe. Co., tin plate, metals, etc., Lancaster, Pa.
Steinman Lbr. Co., 385 35th, Milwaukee, Wis.
Steinman & Meyer Furn. Co., 1113H York, Cincinnati, Ohio.
Steinmetz, Amandas, contractor, Easton, Pa.
Steinway & Sons, pianos, 109 E. 14th, New York.
Stelle, Oliver G., architect, Leaverett Bldg., Alton, Ill.
Stellges, Edw. W., Jr., architect, 40 Kneer av, Brooklyn, N. Y.
Stelling, Fred W., Corp., cornices, Hartford, Conn.
Stellman, L. H., & Son, saw mill machy., etc., Brattleboro, Vt.
Stelwagon Mfg. Co., tin plate, etc., 19th & Washington av, Philadelphia, Pa.
Stelzner, Charles J., flour, Frazee, Minn.
Stem, A. H., architect, Endicott Bldg., St. Paul, Minn.
Stemmer & Geick, stone prod., Wilkes-Barre, Pa.
Stempel Fire Extinguisher Mfg. Co., 4268 N. 20th, St. Louis, Mo.
Stenbiht, Arthur, architect, Alameda, Cal.
Stencil Treasury, 209 E. 59th, New York.
Stender Bros., contractors, Scranton, Pa.
Stender, C. F. G., & Co., display racks, 1142 Van Buren, Chicago, Ill.
Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.
Stender, Frank C., & Co., dock bldrs., 86 Weybosset, Providence, R. I.
Stenerson Bros., masons' & bldrs.' matls., Pelican Rapids, Minn.
Stengel, Barney, mattresses, 421 9th av, New York.
Stengel Bros. Co., enam. metal tile, Thompson & Chartiers av, Pittsburgh, Pa.
Stengel, Geo., Inc., patent lthr., Waverly, N. J.
Stengel & Rothschild, patent leather, Main, Newark, N. J.
Stenhouse, J. Armstrong, architect, 681 5th av, New York.
Stenken, A., & Son, soap, Hoboken, N. J.
Stenman Electric Valve Grinding Co., Inc., 42 Southbridge, Worcester, Mass.
Stenotype Co., shorthand typewriters, Indianapolis, Ind.
Stenson, Oliver E., contractor, Hartford, Conn.
Steorts, H. G., masons' & bldrs.' matls., Keyser, W. Va.
Stephan Lumber Co., Upper Sandusky, Ohio.
Stephen, David, Jr., archit., 4944 Park View pl, St. Louis, Mo.
Stephen, Fred B., architect, New York Block, Seattle, Wash.
Stephen, James, architect, 726 New York Block, Seattle, Wash.
Stephen, Thos., architect, Camden, N. J.
Stephens, A. W., Mfg. Co., advertising specialties mfrs., Waltham, Mass.
Stephens-Adamson Mfg. Co., machsts. & fndrs., Aurora, Ill.
Stephens, Barrett H., architect, 823 E. 42nd, Chicago, Ill.
Stephens-Bird Lbr. Co., Monroe, Wash.
Stephens & Bro., glue mfrs., 16 E. 2d, Cincinnati, Ohio.
Stephens Bros., masons' & bldrs.' matls., Summit, N. J.
Stephens City Milling Co., flour, Stephens City, Va.
Stephens & Conrow Co., mill & facty. supplies, 98 Park pl, New York.
Stephens, David, brick, Madison, Wis.
Stephens Gas & Elec. Chandelier Co., Kansas City, Mo.
Stephens, H. A., contractor, Lincoln, Neb.
Stephens, Harry Thornton, architect, 152 Market, Paterson, N. J.
Stephens, Henry & Co., lumber, Waters, Mich.
Stephens, Jackson Co., roofing slate mfrs., Pen Argyl, Pa.
Stephens, James S., automobile bldrs., 7321 S. Shore, Chicago, Ill.
Stephens Mfg. Co., fireless cookers, 67 Carroll, Buffalo, N. Y.
Stephens Roe Mfg. Co., machsts. & fndrs., 1097 McKinley, Detroit, Mich.
Stephens & Stewart, masons' & bldrs.' matls., College Corner, O.
Stephens Supply Co., masons' & bldrs.' matls., Bryant Bldg., Kansas City, Mo.
Stephens, Thos., & Sons, contractors, church furniture, 275 Lark, Albany, N. Y.
Stephens, Windsor, & Co., bottle openers & strawberry hullers, Waltham, Mass.
Stephensen-Browne Lbr. Co., Chickasha, Okla.
Stephenson, C. H., bath room fixtures & garbage receivers, mfrs., Lynn, Mass.
Stephenson Charcoal Iron Co., blast furnaces, Wells, Mich.
Stephenson, E. E., Lumber Co., Celina, Ohio.
Stephenson, I., Co., maple flooring & lbr., Wells, Mich.
Stephenson, L. L., brick, Lovick, Ala.
Stephenson Mfg Co., belt dressing, lubricants, etc., Albany, N. Y.
Stephenson, Robt. S., archit., 2 West 45th, New York.
Stephenson Supply Co., battery holders, Auburn, N. Y.
Stephenson & Wheeler, architects, 2 W. 45th, New York.
Steptoe, John, Co., shaping mach., 2951 Colerain av, Cincinnati, Ohio
Sterchi Bros. & Fowler, furn., Dept. H, Chattanooga, Md.
Sterilizer Mfg. Co., Syracuse, N. Y.
Sterling Aluminum Co., Erie, Pa.
Sterling Architectural Co., 212 B'way, New York
Sterling Beeson Co., advertising counsellors, 309 Bank of Commerce bldg, Toledo, O.
Sterling Blower Co., Hartford, Conn.
Sterling Brass Co., compression cocks, 4610 St. Clair av, Cleveland, Ohio.
Sterling Brass Polishing Co., machts. & fndrs., 105 Livingston, Brooklyn, N. Y.
Sterling Brick Co., Olean, N. Y.
Sterling Bronze Co., 16 E. 40th, New York.
Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.
Sterling Coal Co., Ltd., Leader News Bldg., Cleveland, Ohio
Sterling Co., pianos, Derby, Conn.
Sterling Cork & Seal Co., Toledo, Ohio.
Sterling, Crumbliss Hardware Co. (whol.), Knoxville, Tenn.
Sterling Dental Mfg. Co., dental engines & steam gauges, 7H Remington, Cambridge, Mass.
Sterling Desk Co., Grand Rapids, Mich.
Sterling Devices Co., transformers, 9 Lispenard, New York
Sterling Drop Forge Works, Cicero, Ill.
Sterling Elec. Corp., heaters, 2711 Church, Cleveland, Ohio.
Sterling Elec. Lamp Works of G. E. Co., Warren, Ohio.
Sterling Engine Co., marine engines, Buffalo, N. Y.
Sterling Equipment Co., air reheaters, etc., 139 N. Clark, Chicago, Ill
Sterling Equip. & Supp. Co., boiler compounds, 488 N. American, Philadelphia, Pa.
Sterling Fastener Co., 432 E. 71st, New York City.
Sterling Foundry Co., Sterling, Ill.
Sterling Foundry & Machine Co., junction boxes, 521 Chancellor av, Newark, N. J.
Sterling Furn. Co., Dept. H, Greensboro, N. C.
Sterling Furn. Co., Dept. H, Salamanca, N. Y.
Sterling Glass Co., Celestial Mt. Ad., Cincinnati, Ohio.
Sterling Grinding Wheel Co., Tiffin, Ohio.
Sterling Grinding Wheel & Eng. Co., 327 Clinton, Chicago, Ill.
Sterling Hdwe. Co., Bluefield, W. Va.
Sterling Iron Works, Stockton, Cal.
Sterling Iron & Steel Co., machy. dlrs., 463 N. 10th, Phila., Pa.
Sterling Knit Goods Co., sweater, cardigans, etc., Stiles, Boston, Mass.
Sterling Lbr. Co., Bastrop, La.
Sterling Mach. & Stamping Co., Wellington, Ohio.
Sterling Machy. Co., mill & facty. supplies, Tacoma, Wash.
Sterling Mfg. Co., ammeters & voltmeters, Blackstone Bldg., W. 3d, Cleveland, Ohio.
Sterling Mfg. Co., cloth mops, Reading, Mass.
Sterling Mfg. Co., machsts. & fndrs.—agri'l implts., Sterling, Ill.
Sterling Mfg. Co., rubber substitutes, Gloucester, Mass.
Sterling Mfg. Co., surgical insts., Springfield, Ohio.
Sterling Metal Nov. Mfg. Co., 174 Worth, New York.
Sterling Mills, sweaters, cardigans, etc., Ilion, N. Y.
Sterling Motor Co., machsts., 1147 W. Grand blvd, Detroit, Mich.
Sterling Motor & Machine Co., Warren, O.
Sterling Motor Truck Co., West Allis, Wis.
Sterling Nail & Specialty Co., 209H S. La Salle, Chicago, Ill.
Sterling Name Tape Co., Winsted, Conn.
Sterling Oil Co., Emlenton, Pa., & Rochester, N. Y.
Sterling Paint & Color Co., Louisville, Ky.
Sterling Paint Co., 118 1st, San Francisco, Cal.
Sterling Paper Co., Dayton, Ohio.
Sterling Piano Co., 518 Fulton, Brooklyn, N. Y.
Sterling Pin Co., wire hooks & eyes & hairpins, Derby, Conn.
Sterling Products Co., Inc., machinists' tools & supplies, 35 S. Desplaines, Chicago, Ill.
Sterling Products Co., sodium hypochlorite, Easton, Pa.
Sterling Refining Co., lubricating oils & greases, 6408 Euclid av, Cleveland, Ohio.
Sterling Ring Traveler Co., tex. machy. supplies, Fall River, Mass.
Sterling Salt Co., 29 B'way, New York.
Sterling Silk Glove Co., Bangor, Pa.
Sterling & Skinner Mfg. Co., cocks, 2672 E. Grand blvd, Detroit, Mich.
Sterling Specialty Co., brass castings, etc., Newcomerstown, O.
Sterling Spring Co., 2148 Scranton rd, Cleveland, Ohio.
Sterling Steel Foundry Co., Braddock, Pa.
Sterling Switchboard Co., Camden, N. J.
Stirling Tire Corp., Rutherford, N. J.
Sterling Top & Equipment Co., auto. bodies, trunk, racks, etc., 518 W. 57th, New York.
Sterling Vacuum Cleaner Co., Worcester, Mass.
Sterling Varnish Co., Fulton Bldg., Pittsburgh, Pa.
Sterling, W. C., & Son Co., lumber, Monroe, Mich.
Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J
Sterling Wheebarrow Co., Milwaukee, Wis.
Sterling Wire Box Co., 366 So. Senate av, Indianapolis, Ind.
Stern, Benj E., architect, 56 W. 45th, New York.
Stern Bros. & Co., black carbons, 68 Nassau, New York
Stern, D. S. Co., imp. camphor & oils, 46 Davis, San Fran., Cal.
Stern, Edw., & Co., calender pads, 140 N. 6th, Phila., Pa.
Stern Fndry & Machy. Co., 1630 Annunciation, New Orleans, La.
Stern, H., Sons Co., scrap iron, 2259 S. Ashland av, Chicago, Ill.
Stern, I. S., architect, 35 S. Dearborn, Chicago, Ill.
Stern, Jos., & Sons, meat packers, 614 W. 40th, New York.
Stern, Leon, architect, Chamber of Com. Bldg., Rochester, N. Y.
Stern, Louis, & Co., silver novelties, 29 Metcalf Bldg., Providence, R. I.
Stern, Philip N., architect, Fredericksburg, Va.
Stern Spec. Co., rubber aprons, sheeting, 40 E. 22d, New York.
Sternau, S., & Co., solidifies alcohol and aluminum goods, 9 E. 37th, New York
Sternberg, A. C., Inc., contrs., West Hartford, Conn.
Sternberg, Albert E., stencils, 214 Arch, Philadelphia, Pa.
Sternberg, E. G., contr., 53 W. Jackson blvd., Chicago, Ill.
Sternberg Bros., contractors, Nat. Bk. of Com., St. Louis, Mo.
Sternberg, J., & Son, contractors, Long Island City, N. Y.
Sternberg Motor Truck Co., Milwaukee, Wis.
Sterner, Edwin Co., mill & facty supplies, Flint, Mich.
Sternert, Wolf, architect, 569 5th av, New York
Sterns Lbr. Co., East Hampden, Maine.
Sternthal, F., Co., pennant mfrs., 217 W. Madison, Chicago, Ill.
Sterrett & Aberle Packing Co., meat, Portland, Ore.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Stetler, Henry A., architect, Stetler Bl., Wyo., Reading, Pa.
Stetler, J. H., architect, Middleburg, Pa.
Stetson, Cutler & Co., masons' & bldrs.' matls., 70 Kilby, Boston, Mass.
Stetson & Ellison Co., canned goods, Camden, Del.
Stetson, F. F., & Co., canned goods, Los Angeles, Cal.
Stetson, J. H., Co., mill & facty. supplies, Lewiston, Me.
Stetson Machine Works, see Stetson Ross Machine Co. (successor).
Stetson, N., & Co., pianos, 1111 Chestnut, Philadelphia, Pa.

Stetson & Post Lumber Co., sash, door & blind mfrs., Seattle, Wash.
Stetson-Ross Mach. Works, storage battery trucks, Seattle, Wash.
Stetson Ross Machine Co., plg. machy, 3201H 1st av, Seattle, Wash.
Steuben, Theo., architect, 3432 Southport, av, Chicago, Ill.
Steubenville Coal & Mining Co., Steubenville, Ohio.
Steubenville Hardware & Supply Co. (whol.), Steubenville, Ohio.
Steubenville Pottery Co., Steubenville, Ohio.
Steubenville Stone Co., Steubenville, Ohio.
Steul & Thuman Co., wood mantels, 278 Johnson, Buffalo, N. Y.
Steusloff Bros., Inc., meat packers, Salem, Ore.
Steutor Elec. Mfg. Co., automobile telephones, 68 Hunters Point av, New York.
Steven & Jarvis Lbr. Co., Eau Claire, Wis.
Steven & Son Co., stone producers, 175 W. Jackson blvd, Chicago, Ill.
Stevener, Charles W., founders, Tarentum, Pa.
Stevenot, Chas., J. & Co., glue gelatine, 388 Pearl, New York
Stevens, A. E., & Co., carriage wheels, etc., Portland, Me.
Stevens, A. W., brick, Texarkana, Ark. & Texas.
Stevens-Barr Timber & Lbr. Co., Fraser, Colo.
Stevens, Benj. A., Co., refrigerators, butchers' supplies, etc., Toledo, Ohio.
Stevens Bros., chemical machy., 149 B'way, New York.
Stevens Bros. & Co., potteries, Stevens Pottery, Ga.
Stevens, C. A., & Co., woolen flannels, Ware, Mass.
Stevens, C. P., masons' & bldrs.' matls., Franklin, N. H.
Stevens, C. S., & Son, canned goods, Cedarville, N. J.
Stevens, C. Whitney, architect, 64 W. Randolph, Chicago, Ill.
Stevens & Caskey, canned goods, Hemlock, N. Y.
Stevens Chair Co., 209 7th, Pittsburgh, Pa.
Stevens, Chas. E., contractor, Danville, Ill.
Stevens, Chas. G., Co., mill & factry. supplies, 33 S. Jefferson, Chicago, Ill.
Stevens Coal Co., bituminous, 246 Third av, Pittsburgh, Pa.
Stevens & Co., battery connectors, bicycle pedals, etc., 375 B'way, New York.
Stevens Contracting Co., 415 Penn av, Pittsburgh, Pa.
Stevens, Edw. F., architect, 9 Park, Boston, Mass.
Stevens, F. O., sash, door & blind mfr., Worcester, Mass.
Stevens, F. W., contractor, Newton Center, Mass.
Stevens-Fitch Co., elec. contr., New Haven, Conn.
Stevens, Frederick B., fndry. plant equipt., 3d & Larned, Detroit, Mich. *See adv index at end of book.*
Stevens, G. A., fndr., Great Barrington, Mass.
Stevens, Geo. I., metal polish, Essex, Conn.
Stevens Grease & Oil Co., E. 79th & Avrina av, Cleveland, Ohio.
Stevens, H. E., canned goods, Nace, Va.
Stevens, H. L., lumber, Boonsboro, Ky.
Stevens, H. L. & Co., architects, 522 5th av, New York.
Stevens, H., Sons Co., brick, Macon, Ga.
Stevens, Harry E., architect, 4231 W. Monroe, Chicago, Ill.
Stevens Hardware Co., Dublin, Ga.
Stevens Institute of Technology, engng. college, Hoboken, N. J.
Stevens Iron Works & Fireproofing Co., Cleveland, Ohio.
Stevens, J., Arms Co., fire arms mfrs., Chicopee Falls, Mass.
Stevens, J. E., canned goods, Nace, Va.
Stevens, J. & E., Co., mchsts. & fndrs., Cromwell, Conn.
Stevens, J. R., Co., contractors, Odd Fellows' Temple, Cincinnati, Ohio.
Stevens, J. Walter, architect, Exchange Bk., St. Paul, Minn.
Stevens, John Calvin, architect, 187 Middle, Portland, Me.
Stevens, John Howard, architect, 187 Middle, Portland, Me.
Stevens, Jos., glass stainer, Orange, N. J.
Stevens Linen Works, Webster, Mass.
Stevens, Louis, architect, Columbia Bk. Bldg., Pittsburgh, Pa.
Stevens Lumber Co., Deer Park, Wash., Rhinelander, Wis., & Waterville, Wash.
Stevens, M. T., & Sons Co., woolen carriage cloth, North Andover, Mass.
Stevens Mach. Shop, Winooski, Vt.
Stevens Mfg. Co., cotton damasks, Fall River, Mass.
Stevens Mfg. & Foundry Co., Decatur, Ill.
Stevens-Martin & Co., fertilizer, Carlton, Ga.
Stevens Metal Products Co., steel drums, Niles, Ohio.
Stevens, Norton A., mchst., Oswego, N. Y.
Steven's Organ & Piano Co., Marietta, Ohio.
Stevens, P. S., architect, 140 Peachtree, Atlanta, Ga.
Stevens Point Box & Lbr. Co., Stevens Point, Wis.
Stevens, T. D., canned goods, Troutville, Va.
Stevens Tank & Tower Co., Auburn, Me.
Stevens & Thompson, paper & pulp mills, North Hoosick, N. Y.
Stevens Type & Press Co., mchsts., 183 High, Boston, Mass.
Stevens, W. H., sashes, doors & blinds, Cumberland, Ohio.
Stevens, W. L., Inc., canned goods, Cape May, N. J.
Stevens, Walter B., & Son, sailors' palms, dog collars & muzzles, 107 Chambers, New York.
Stevens, Will P., ice machy., 1630 Long Beach av, Los Angeles, Cal.
Stevens & Willis Co., shoe nails, shanks & tacks, South Braintree, Mass.
Stevenson, Bro., & Co., lubricating oils, 110 Race, Phila., Pa.
Stevenson Bros., ties, poles & posts, Jackson, Ohio.
Stevenson & Cameron, contractors, 37 W. 25th, New York.
Stevenson, Chas. I., lbr., Johnson City, Tenn.
Stevenson Coal Co., masons' & bldrs.' matls., Winona, Minn.
Stevenson Cold Storage Door Co., Chester, Pa.
Stevenson & Co., machsts., 607 S. Caroline, Baltimore, Md., & Wellsville, Ohio.
Stevenson, David, & Sons, brick, Ashley, Mich.
Stevenson, E. D., carriages, Wadsworth.
Stevenson, Edw. S., heaters, New Castle, Pa.
Stevenson, F. A., masons' & bldrs.' matls., Adrian, Mich.
Stevenson Gear Co., 942 Daly, Indianapolis, Ind.
Stevenson, J. A., & Co., masons' & bldrs.' matls., wholesale hardware, Mount Pleasant, Pa.
Stevenson, Jno. B., mach. & fndrs., Bryan, Tex.
Stevenson & Leonard Mach. Co., Albany, N. Y.
Stevenson Lumber Co., Seattle, Wash.
Stevenson Mfg. Co., automatic wood turnings, South Bend, Ind. *See adv. index at end of book*
Stevenson, Milford (Est. of), masons' & bldrs'. matls., Etna. Pa.
Stevenson Packing Co., meat, Sedalia, Mo.
Stevenson, R. M., architect, Pocomoke City, Md.
Stevenson, Robert L., architect, 333 Union, Lynn, Mass.
Stevenson, Tom, & Co., umbrellas, 85 5th av, New York.
Stevenson, W. Ward, contr., Winchester, Ky.
Stever, Arthur J., architect, 56 Broadway, New York.

Steverson, J. M., lbr., Alexander City, Ala.
Steves, Ed., & Sons, sashes, doors & blinds, San Antonio, Tex.
Steward, D. M., Mfg. Co., burners, chalks, crayons, slate pencils, gas tips, talc flour, etc., Chattanooga, Tenn.
Steward Davit & Equip. Corp., ship hdwe. specialties, 17 Battery pl, New York City.
Steward, G. S., Co., curtain poles, cedar chests, etc., Norwalk, O.
Steward Hilty Mach. Co., Birmingham, Ala.
Steward, L. & J. A., capping machines, Rutland, Vt.
Steward & Romaine Mfg. Co., bolts, drills, etc., 124 N. 6th, Phila., Pa.
Stewardson Packing Co., meat packers, Stewardson, Ill.
Stewardson & Page, architects, 316 Walnut, Philadelphia, Pa.
Stewart, A. Collins, Co., soap, 70 Freeport, Boston, Mass.
Stewart, A. F., brooms, 824 Arcade, St. Paul, Minn.
Stewart, A. F., police wagons, hose carriages, etc., Rochester, N. Y.
Stewart, A. L., & Sons, canned goods, Cherryfield, Me.
Stewart, A. T., Lumber Co., 7801 Greenwood av, Chicago, Ill.
Stewart, Alex., Lumber Co., Wausau, Wis.
Stewart, Alfred C., Machine Works, gasoline fuel savers, Los Angeles, Cal.
Stewart & Bergen Co., cornices, Fort Plain, N. Y.
Stewart Boiler Works, Worcester, Mass.
Stewart Bros., contractors, Columbia, Mo.
Stewart Bros., machsts., Lynn, Mass., & Ottawa, Ill.
Stewart Bros. & Co., carriages, Cambridge, Mass.
Stewart Bros. Co., mill & facty. supps., Portland, Ore.
Stewart Bros. Hardware Co., Memphis, Tenn.
Stewart, C. W., architect, Bridgeport, Conn.
Stewart-Carey Glass Co., Indianapolis, Ind.
Stewart & Carlson, flour, Prineville, Ore.
Stewart & Co., modeling clays, 24 B'way, New York.
Stewart & Delanney, lumber, Curtin, Ore.
Stewart & Donohue, stone prod., Wilmington, Del.
Stewart, Edmund T., architect, 201 Devonshire, Boston, Mass.
Stewart Engineering Corp., Contrs., 186 Fifth av, New York.
Stewart, F. P., Granite Co., stone producers, Hamilton, Ohio.
Stewart, Frank G., contr., 1619H Sansone, Phila., Pa.
Stewart, Frank H. Elec. Co., electric supplies, 35 N. 7th, Phila., Pa.
Stewart Furnace Co., Rockefeller bldg, Cleveland, Ohio.
Stewart, G. A., brick, Madisonville, Ky.
Stewart, G. J., & Co., masons & bldrs.' matls., Charlton, Ia.
Stewart & Gabriel, leather & wholesale, 808 B'way, Oakland, Cal.
Stewart, Geo. B., Co., water heaters, Chamber of Commerce Bldg., Pittsburgh, Pa.
Stewart, Geo. S., Co., dictionary holders, Norwalk, Ohio.
Stewart, Geo. W., archit., Woods Bldg., St. Petersburg, Fla.
Stewart & Hayden Co., mill & facty. supplies, Burlington, Ia.
Stewart Heater Co., condensers, pumps, etc., North Tonawanda, N. Y.
Stewart-Holland Co., archl. iron, Wabash Bldg., Pittsburgh, Pa.
Stewart, Hope D., contractor, Amer. Bk. Bldg., Seattle, Wash.
Stewart, I. N., lbr., Peoples Bank Bldg., Buffalo, N. Y.
Stewart Iron Works Co., (The), Cincinnati, Ohio. *See adv index at end of book.*
Stewart, J. L., architect, 703 Market, San Francisco, Cal.
Stewart, J. L., contractor, Rochester, N. Y.
Stewart, J. M., & Co., masons' & bldrs.' matls., Indiana, Pa.
Stewart, J. R., carriages, Coshocton, Ohio.
Stewart, J. Roland, canned goods, Cambridge, Mass.
Stewart, J. W., Co., cornices, Lowell, Mass.
Stewart, Jas., & Co., contractors, 13th, So. of 12th av, Baltimore, Md., & Girard Pt., Philadelphia, Pa.
Stewart, Jas. & Co., Inc., contractors, 30 Church, New York.
Stewart, Jas. M., & Co., wholesale hardware, Indiana, Pa.
Stewart, Jas. R., & Robt., architect, W. 519 Main, Cincinnati, O.
Stewart-Jones Co., contractors, Rock Hill, S. C.
Stewart, Jos. I., contractor, 1295 Commonwealth, Boston, Mass.
Stewart Lbr. Co., Joplin, Mo.
Stewart-McGehee Construction Co., Little Rock, Ark.
Stewart Merry Sidney, architect, Roddenby Block, Cairo, Ga.
Stewart Mfg. Co., die castings, 4535 Fullerton, Chicago, Ill.
Stewart Mfg. Co., truck units & concrete machy., Waterloo, Ia.
Stewart Motor Corp., Buffalo, N. Y.
Stewart, Mowry Co., varnish mfrs., 3218 Shields av, Chicago, Ill.
Stewart, Paul, & Co., machy. dlrs., First Natl. Bank Bldg., Cincinnati, O.
Stewart-Peck Sand Co., Amer. Bank Bldg., Kansas City, Mo.
Stewart Phonograph Corp., talking machines, 4535 Fullerton av, Chicago, Ill.
Stewart, R. A., & Co., stencils, steel stamps, etc., 201 B'way, New York.
Stewart, R. T. & C. D., Contr. Co., Easton, Pa.
Stewart, S. A., & Co., fire alarms, Waltham, Mass.
Stewart, S. B., heating contr., 306 Front, Bellevue, Cincinnati, Ohio.
Stewart, S. J., armature coils, 312 Carondelet, New Orleans, La.
Stewart, S. P., & Son, architects, Bowling Green, Ohio.
Stewart-Skinner Co., elec. lanterns, harness awls, Worcester, Mass.
Stewart, T. J., Lbr. Co., Oklahoma, Okla.
Stewart, Thos., mason bldrs., Bridgeport, Conn.
Stewart, Thos. A., Co., elec. contrs., Hartford, Conn.
Stewart, W. E., brick, Mankato, Minn.
Stewart, W. F., Co., metal auto. bodies, Flint, Mich.
Stewart-Warner Speedometer Corp., elec'l horns, etc., 1826 Diversey Parkway, Chicago, Ill.
Stewart Wholesale Co., whol. hdwe., Boise, Idaho.
Stewart, Wiley, lumber mfr., Eva, Ala.
Stewart, Willard L., contractor, E. E. Trust Bldg., Pitts'bg, Pa.
Stewart, Wm., architect, Wabash, Ind.
Stewart Wire Wheel Corp., Frankfort, Ind.
Stibolt, A. H., architect, Story bldg, Los Angeles, Cal.
Stichter Hardware Co., Reading, Pa.
Stickle, G. W., masons' & bldrs.' matls., Rockaway, N. J.
Stickle, G. Wesley, architect, Ariel bldg, Erie Pa.
Stickler, J. M., woolen blankets, Mauston, Wis.
Stickles, Walter F., architect, 10 N. 2nd av, Mount Vernon, N. Y.
Stickley, E. B., Machy. Co., dlrs., 217 E. Cong., Detroit, Mich.
Stickley Mfg. Co., furn., Dept. H, Syracuse, N. Y.
Stickney, Clarence, lbr. mfrs., West Townsend, Mass.
Stickney, F. W., architect, 18 Shattuck, Lowell, Mass.
Stickney, Hy., machst., 31 Milk, Portland, Me.
Stickney, J. W., & Co., paints, Boston, Mass.
Stickney, John B., cornices & skylights, Belfast, Me.
Stickney & Montague, addressing & mailing machines, Chattanooga, Tenn.

Stickney, Tirrell & Co., chalk mfrs., 31 Milk, Boston, Mass.
Stickney, W. W., architect, Pueblo, Colo.
Stief Bros., brick & tile, Carey, Ohio.
Stiefel, Geo., Co., brewers' machy., 4651 Gross av, Chicago, Ill.
Stieff, Chas. M., pianos, 9 N. Liberty, Baltimore, Md., & 122 Boylston, Boston, Mass.
Stier, Herman, brass castings, 814 George, Chicago, Ill.
Stierlin Machine & Die Works, sheet metal stamping, 625 W. Jackson blvd., Chicago, Ill.
Stiers, F. A., contractor, 4500 Enright, St. Louis, Mo.
Stifel, Chas. F., Co., harness lthr., Preble & Juniata, N. S., Pittsburgh, Pa.
Stiffel & Freeman Co., machsts. & fndrs., 723 Chestnut, Philadelphia, Pa.
Stiglitz, Chas. G., & Sons, founders, Louisville, Ky.
Stikeman, Geo., metallic library fittings, 114 W. 32d, New York.
Stiles Bros. Co., lbr. mfrs., Grand Rapids, Mich.
Stiles, E. M., masons' & bldrs.' matls., Paterson, N. J.
Stiles, Geo. W., Construction Co., 11 S. La Salle, Chicago, Ill.
Stiles, H. A., & Co., emery & corundum & woodwork mfrs., handles, etc., 93-97 Oliver, Boston, Mass.
See adv index at end of book.
Stiles & Hart Brick Co., Taunton, Mass.
Stiles, I. H., masons' & bldrs.' matls., Battle Creek, Mich.
Stiles, I. L., & Son Brick Co., New Haven, Conn.
Stiles, T. Geo., Co., machsts., Arlington, N. J.
Stiles, Wayne E., landscape architect, 95 Oliver, Boston, Mass.
Stiles, Wm. H. & Co., crude rubber, 1 Liberty, New York.
Still, Jos. H., cornices & skylights, Hastings, Neb.
Still, W. R., masons' & bldrs. matls., Conyers, Ga.
Still & Seaborn, lbr., Cleveland, Tenn.
Stille & Suhlmeier, Dalton & Wade, furn., Dept. H, Cincinnati, Ohio.
Stillman, Allen P., Inc., sheet metal stamping, 351 Jay, Brooklyn, N. Y.
Stillman, Carmichael Co., damper regulators, 19 Pearl, Boston, Mass.
Stillman-Delehanty-Ferris Co., contractors & dock bldrs., 26 Exchange pl, Jersey City, N. J.
Stillman, F. M., Co., contractors, 26 Exchange pl, Jersey City, N. J.
Stillman, J. A., lumber, Tidioute, Pa.
Stillman, Michael, architect, 9 W. 47th, New York
Stillwater Hardware Co., Stillwater Minn.
Stillwater Lumber Co., Little Falls, Wash.
Stillwater Mfg. Co., sashes, doors & blinds, Stillwater, Minn.
Stillwater Milling Co., flour, Stillwater, Okla.
Stillwell Bros., contractors, Seattle, Wash.
Stillwell, E. W., & Co., architects, Henne Bldg., Los Angeles, Cal.
Stillwell, Erie G., architect, Hendersonville, N. C.
Stillwell & Gladding, chemists, 95 Front, New York.
Stillwell, Jos., contractor, Mantoloking, N. J.
Stillwell Laboratory, chemists, 76 Pine, New York.
Stillwell, S. H., contractor, Princeton, N. J.
Stilwell, Arthur A., & Co., oils, 28 Cliff, New York.
Stimmel, Sam'l, machst., 508 W. B'way, New York.
Stimple & Ward Co., armature coils, 518 Sandusky, Pittsburgh, Pa.
Stimpson, Edwin B. Co., eyelets, grommet setting machy, etc., 852 Kent av, Brooklyn, N. Y.
Stimpson Equipment Co., flotation machines, Salt Lake City, Utah.
Stimpson Scale & Mfg. Co., Northville, Mich.
Stimson, J. V., lumber, Huntingburg, Ind.
Stimson, J. V., Hardwood Co., Memphis, Tenn.
Stimson Mill Co., lumber, Seattle, Wash.
Stimson, V. S., architect, 318 Symons Block, Spokane, Wash.
Stimson, T. F., founders, Hancock, N. Y.
Stimson Veneer & Lbr. Co., Memphis, Tenn.
Stinchcomb & Boddy, landscape architects, B. of L. E. Bldg., Cleveland, Ohio.
Stine, C. W., Pottery Co., White Cottage, Ohio.
Stine, David L., & Son, architect, Valentine bldg, Toledo, Ohio
Stine, J. R., & Co., belting, 465-471 Kent av, Brooklyn, N. Y.
Stine, J. C., Co., machsts. & fndrs., Tyrone, Pa.
Stine, S. B., mill & facty. supplies, Osceola Mills, Pa.
Stine, Sam'l R., machsts. & fndrs., McVeytown, Pa.
Stine Screw Holes Co., Waterbury, Conn.
Stines, A. H., Jr., architect, 132 4th, Brooklyn, N. Y.
Stinson, B. F., & Co., polishes, Buffalo, N. Y.
Stinson Box Co., packing, 2129 S. Peoria, Chicago, Ill.
Stinson Clarence J., architect, Inter Southern Life bldg, Louisville Ky.
Stinson & Dickinsheets, masons' & bldrs.' matls., Gloucester, N. J.
Stinson, Edward, Mfg. Co., wagon spokes, 327 Guilford, Baltimore, Md.
Stinson Traction Co., Minneapolis, Minn.
Stipes & Hecker, bldrs.' matls., Champaign & Urbana, Ill.
Stipes, Jno. W., contr., Champaign, Ill.
Stipes & Pilcher, contrs., Champaign, Ill.
Stipp, Ludwig T., contractor, Scranton, Pa.
Stipp, Mathias, brick, Scranton, Pa.
Stipp, Peter, & Sons, stove prod., Scranton, Pa.
Stirling-Warfel Mill Supply Co., Erie, Pa.
Stirling Woolen Mills, Lowell, Mass.
Stirlith, J. A., Bros., scrap iron & steel, Wilmington, Del.
Stirrup Mfg. Co., metal nov. & spec., Market st., Newark, N. J.
Stitt Ignition Co., spark plugs & screw machine products, 16 E. First, Columbus, O.
Stitt, James C., architect, Norfolk, Neb.
Stitt, Robert G., machinist, Toledo, Ohio.
Stittville Canning Co., Stittville, N. Y.
Stiver, Harvey, contractor, Rialto Bldg., Kansas City, Mo.
Stock, G. B., Xylite Grease & Oil Co., Port Huron, Mich.
Stock, Jno., Sons, whol. hdwe., San Jose, Cal.
Stock, Lester H., contractor, Hearst Bldg., San Francisco, Cal.
Stock, M. W., contractor, St. Joseph, Mich.
Stockbridge Machine Co., index centers, planer grinders & shaping machy., Worcester, Mass.
Stockdale Tile & Brick Co., Corrothers, Ohio.
Stockdell Myers Hardware Co., Petersburg, Va.
Stockdon, B. F., & Bros., machsts. & fndrs., Staunton, Va.
Stocker Concrete Material Washer Co., sand, Highland, Ill.
Stocker, F. W., Inc., contrs. equipt., 1119 Clinton, Hoboken, N. J.
Stocked, H. A., Machy. Co., emery wheel dressers, 117 N. Jefferson, Chicago, Ill.
Stocker Material Washer Co., gravel washers, Highland, Ill.
Stocker-Rumley-Wachs Co., machy. dlrs., 117 N. Jefferson, Chicago, Ill.
Stockert, G. F., & Son, lumber, Buckhannon, W. Va.
Stockert, J. J., brick, Churubusco, Ind.
Stockford Reel Co., fishing reels, 330 W. Kinzie, Chicago, Ill.
Stockham, Chas., Lumber Co., Camden, N. J.
Stockham, E. V., canned goods, Perryman, Md.
Stockham Pipe & Fittings Co., Birmingham, Ala.
Stockham, T. B., architect, Morrisville, Pa.
Stockman, W. E., architect, Railway Ex. Bldg., Omaha, Neb.
Stockhauser, Chas. L., Co., contractors, Nat. Marine Bk. bldg., Baltimore, Md.
Stockhoff Supply Co., steam fitters supplies, 1074 N. Main, St. Louis, Mo.
Stockholm & Allyn, contractors, Monadnock Bldg., San Francisco, Cal.
Stockholm, Chas., & Son, contrs., Monroe Bldg., San Francisco, Cal.
Stocking, Geo. E., canned goods, Rochelle, Ill.
Stockland Road Machy. Co., Minneapolis, Minn.
Stocklin, W. C., Co., patterns & models, Columbus, Ohio.
Stockport Fibre Co., cotton batting, Stockport, N. Y.
Stockton, A. L., Lumber Co., 6130 Mission, San Francisco, Cal.
Stockton Canning Co., Stockton Springs, Me.
Stockton Fire & Enamel Brick Co., Rialto Bldg., San Francisco & Stockton, Cal.
Stockton Iron Works, Stockton, Cal.
Stockton, Louis L., architect, 35 W. 39th, New York.
Stockton Rubber Co., Stockton, N. J.
Stockton, W. H., masons' & bldrs.' matls., Ashtabula, Ohio.
Stockwell & Co., blower mfrs., sad irons, etc., 229 N. Holliday, Baltimore, Md.
Stockwell, J. W., Co., fertilizer mfrs., Fillmore, N. Y.
Stockwell, L. W., Co., mattresses, Alameda, Los Angeles, Cal.
Stoddard Construction Co., 343 S. Dearborn, Chicago, Ill.
Stoddard, D., & Son, roofing slate mfrs., Bangor, Pa.
Stoddard, Herbert H., architect, 411 N. Cuyler av, Oak Park, Ill.
Stoddard-Jakel Mach. & Tool Co., Kerr Bldg., 100 Beaubien, Detroit, Mich.
Stoddard Oil Co., lubricating oil jobbers, 17 Battery pl, New York City.
Stoddard Rubber Co., 120 Commercial, Worcester, Mass.
Stoddard Tel. Const. Co., Monroe, Mich.
Stoddard Union Co., Warren, Ohio.
Stoddard & Hopkinson, architects, 1739 Euclid av, Cleveland, O.
Stoddart, A. P., & Co., mill & facty. supplies, Gloucester, Mass.
Stoddart, Wm. L., architect, 9 E. 40th, New York
Stodder, W. F., sand blast nozzles, P. O. Box 747, Syracuse, N. Y.
Stoeckle, W. A., masons' & bldrs.' matls., Sterling, Ill.
Stoehr & Fister, furniture, Dept. H, Scranton, Pa.
Stoelting, C. H., Co., chemical app., 3047 Carroll av, Chicago, Ill.
Stoelzle, John, & Bro., cornices & skylights, Murphysboro, Ill.
Stoermer, G. A., flour, Eagle Lake, Tex.
Stoeltze, R. E., architect, 431 S. Dearborn, Chicago, Ill.
Stoffel & Brach, masons' & bldrs.' matls., Racine, Wis.
Stohr & Freund, machsts. & fndrs., Muscatine, Ia.
Stokeley Bros. & Co., canned goods, Newport, Tenn.
Stokes Asbestos Co., cloth, Dept. H, Trenton, N. J.
Stokes Bros. Co., lumber mfrs., N. W. 30th & Chestnut, Philadelphia, Pa.
Stokes Bros. Mfg. Co., machsts., Freehold, N. J.
Stokes Carburetor Co., Inc, 386 E. 133rd, New York.
Stokes Contractors, Brisbane Bldg., Buffalo, N. Y.
Stokes, E. K., bags, & bagging, 78 Pearl, New York.
Stokes, F. J., Machine Co., bricketting, chemical & pharmaceutical machy., 17th & Cambria, Philadelphia, Pa.
Stokes, F. M., architect, Chamber of Commerce bldg, Portland, Ore
Stokes, J. J., & Son, flour mills, Monticello, Ky.
Stokes, Jos., Rubber Co., Trenton, N. J.
Stokes Mfg. Co., sewing cabinets, Montgomery, Pa.
Stokes Milling Co., flour, Watertown, S. D.
Stokes & Parrish Elev. Co., 16th & Samson, Philadelphia, Pa.
Stokes & Smith Co., paper box covering machines, Summerdale Sta., Philadelphia, Pa.
Stokes, T. C., masons' & bldrs.' matls., Olmstead Falls, Ohio.
Stokes, W. A., bldrs. mtls., 109H Pine, Albany, Ga.
Stokes & Whittingham, contractors, Penobscot Bldg., Detroit, Mich.
Stokes, Wm. A., & Co., ladders, racks, bread & ironing boards, etc., 50 Howard, New York.
Stokley, Jas., & Co., umbrella mfrs., 728 Cherry, Phila., Pa.
Stoll Casket Co., Upper Sandusky, Ohio.
Stoll, D. H., Co., machsts., Buffalo, N. Y.
Stoll Oil Refining Co., asphaltum, Louisville, Ky.
Stoll, Robt., badges & buttons, 12 John, New York City.
Stollberg Hardware & Paint Co., Toledo, Ohio.
Stolle, Anton, & Sons, meat packers, Richmond, Ind.
Stolle, Casper, Quarry & Contrg. Co., stone prod., Cahokis Bldg., East St. Louis, Ill.
Stolle, Frank J., drop forgings, 1st Nat. Bk. Bldg., Cincinnati, O.
Stolle Lbr. & Veneer Co., Tripoli, Wis.
Stolp Co., Inc., automatic lock-seaming machy., Geneva, N. Y.
Stolp, Oscar, bank & office railings, 20 Fletcher, New York.
Stolper, Chas., Cooperage Co., 3206 Fond du Lac av, Milwaukee, Wis.
Stolts, J. & J. W., coffins, etc., 430 E. 106th, New York.
Stoltz-Schmitt Furn. Co., Dept. H, Evansville, Ind.
Stolz, A. G., contractor, Mount Vernon, N. Y.
Stolz Electrophone Co., 841 E. 136th, Chicago, Ill.
Stolz, Jos., & Son, Inc., arch'l iron 1122 Forest av, New York.
Stone, A. D., & Co., stone prod., Springfield, Mass.
Stone Base & Panel Co., Columbus, Ohio.
Stone Bros., contrs., Troy, N. Y.
Stone Bros. & Co., trunk mkrs., 1501 Polk, Chicago, Ill.
Stone, C. Moulton Co., roller skins, 456 Benefit, Providence, R. I.
Stone, C. O., & Son, contractors, Middletown, Conn.
Stone, C. & Sons auto. wood bodies and carriages, 1658 Ogden av., Chicago, Ill.
Stone, Carpenter & Sheldon, architects, Ind., Tr. Bldg., Providence, R. I.
Stone, D. S., Lbr., Co., Woodsville, N. H.
Stone, E. B. & A. L., Co., contractors, Rialto Bldg., San Francisco, Cal.
Stone, F. L., machinist, Franklinville, N. Y.
Stone & Forsyth Co., folding paper boxes, 67 Kingston, Boston, Mass.
Stone & Foster Lumber Co., Worcester, Mass.

Stone, Frank B., ties, poles & posts, 80 E. Jackson blvd, Chicago, Ill.
Stone, Fred'k S., architect, 55 B'way, New York.
Stone, G. L., architect, Widdicomb Bldg., Grand Rapids, Mich.
Stone, H. A., & Co., carriages, Berlin, Mass.
Stone & Hershey, lumber, 31 Clinton, Newark, N. J.
Stone-Herling Lumber Co., see Stone Lumber Co. (successors).
Stone, J. R., Tool & Supply Co., mill & facty. supps., 997 Woodward, Detroit, Mich.
Stone, Jacob, Jr., architect, Sec. Bk Bldg., Minneapolis, Minn.
Stone, James Hicks, archit., 44 Brattle, Cambridge, Mass.
Stone, John R., architect, 8 S. Dearborn, Chicago, Ill.
Stone Lumber Co., 50 Congress, Boston, Mass., & Bristol, Tenn.
Stone Lumber Co., Bristol, Tenn.
Stone Mountain Granite Corp., Stone Mountain, Ga.
Stone, P. F., lbr. mfrs., Rockford, Ill.
Stone & Pinson, machinists, Galena, Kan.
Stone Printing & Mfg. Co., advtg. spec., Roanoke, Va.
Stone Products Co., marble, Muskegon, Mich.
Stone, R. B., & Co., whol. interior finish mfrs., Spencer, Mass.
Stone Roller T., lumber, Keystone, Wash.
Stone, Samuel, Jr., architect, 714 Union, New Orleans, La.
Stone & Stone, contrs., Jefferson City, Mo.
Stone Straw Co., paper sleeves, 30 O. N. C., Washington, D. C.
Stone, T. B., Lbr. Co., Dalton & Hopkins, Cincinnati, Ohio.
Stone tar Products Co., cement & paint mfrs., 116 S. 8th, Brooklyn, N. Y.
Stone, W. F., ship bldrs., Oakland, Cal.
Stone & Webster Engineering Corp., 147 Milk, Boston, Mass.
Stone & Wright, archits., S. J. Val. Bk. Bldg., Stockton, Cal.
Stone, Wm. F., Jr., architect, 14 Eutaw, Baltimore, Md.
Stoneback, Howard L., sash, door & blind, Quakertown, Pa.
Stonebridge, C. H., Mfg. Co., cooking outfits & stoves, camp stools & chairs, sleeeping bags & folding cots, 23 Warren, New York.
Stonega Coke & Coal Co., Stonega, Va.
Stonehouse Steel Sign Co., Denver, Colo.
Stoneman, M. G., & Son, mill & facty. supplies, awnings & tents, Albany, N. Y.
Stoner, F. L., contractor, Massillon, O.
Stoner, Thaw & Co., Ltd., machsts. & fndrs., 1200 W. Carson, Pittsburgh, Pa.
Stonerook, Howard D., contractor, Youngstown, O.
Stonewall Cotton Mills, Stonewall, Miss.
Stoneware Elec. Stove Wks., cooking app., Dover, N. J.
Stoneware Pipe Co., East Alton, Ill.
Stonier, C. R., contractor, Scranton, Pa.
Stonier, Linley J., contractor, Scranton, Pa.
Stonington Gas Lighting & Electric Co., gas machines, Stonington, Me.
Stoney Creek Lbr. Co., Fort Blackmore, Va.
Stony Creek Red Granite Co., Stony Creek, Conn.
Stookey, D. W., brick, Cedar Rapids, Ia.
Stoolman, A. W., contractor, Champaign, Ill.
Stoopack & Carbat, umbrella mfrs., 37 E. 18th, New York.
Stoops Packing Co., canned goods, Van Wert, Ohio.
Stoops, Thos. H., contractor, Connersville, Ind.
Stophelt, Manfred M., architect, Nasby Bldg., Toledo, Ohio.
Stophlet, P. S., Sheet Metal Wks., cornices, 12 E. Missouri av, Kansas City, Mo.
Stoppenbach's, C., Sons, meat packers, Jefferson, Wis.
Stopple Kook Kit Co., camp cooking outfits & stoves, Alma, Mich.
Stopple, W. H., hay presses, Dallas, Texas.
Storage Battery Supply Co., 239 E. 27th, New York.
Storandt, J. W., Mfg. Co., soda water fountains, show cases, etc., Rochester, N. Y.
Storch & Co., cesspools, 1102 Wolf, Philadelphia, Pa.
Storch, L. A. & Co., cornices, 517 E. 73rd, New York.
Storck, Geo., & Son, sash, door & blind, Belleville, Ill.
Storer & Gelotte Co., Granite, Quincy, Mass.
Storer, Richard V., stone producers, 10 S. La Salle, Chicago, Ill.
Storey Bros., flour, Eure, N. C.
Storey, Ellsworth P., architect, New York Bldg., Seattle, Wash.
Storey, W. M., Lumber Co., 150 Nassau, New York.
Stork, F. W., architect, 7416 3rd av, Brooklyn, N. Y.
Stork, Motor Wks. Co., machinists, Saginaw, Mich.
Storm, John, lumber, Keavy, Ky.
Storm Mfg. Co., elec. dumb waiters, elevators, etc., 50 Vesey, Newark, N. J.
Storm, S. L., lumber, Keavy, Ky.
Storm Waterproofing Corp., 417 5th av, New York.
Stormont, Jas. M., & Bro., brick, Francisco, Ind.
Stormost, Jas., & Son, contractors, La Crosse, Wis.
Storms, H. M., Co., typewriter ribbons, carbon paper, 11 Vandewater, New York.
Storms, J. B., stone prod., Ithaca, N. Y.
Storrie, R. C., & Co., contractors, 2379 Market, San Francisco, Cal.
Storrs Mica Co., mica chimneys, Owego, N. Y.
Storsberg, Fritz, Co., bank railings, elec. light fixtures, etc., 24 Atlantic, Newark, N. J.
Stortz, John & Son, machsts. 210 Vine, Philadelphia, Pa.
Story, A. D., ship builders, Essex, Mass.
Story Bros., stone, Blue Mound rd, Milwaukee, Wis.
Story & Clark Piano Co., 317 S. Wabash av, Chicago, Ill.
Story & Flickinger, contractors, 5 Gt. Jones, New York.
Story, J. B., architect, Augusta, Ga.
Story, O. L., Scenic Co., Somerville, Mass.
Stossel, Carl & Sons Co., handles—hammers, chisels, files & mallets, etc., Front Royal, Va.
Stott Bros., cut glassware, 4450 Main, Manayunk, Phila., Pa.
Stott, Frederick S., architect, John L. Kennedy bldg, Omaha, Neb.
Stott, John W., cut glassware, 3600 Cresson, Manayunk, Philadelphia, Pa.
Stott & Son, knitted gloves, Winona, Minn.
Stotz Bros., cornices, Easton, Pa.
Stotz, Edward, architect, Monon. Bk. Bldg., Pittsburgh, Pa.
Stoudt, H. E., contractor, Bethlehem, Pa.
Stouffer Bros., contractors, Decatur, Ill.
Stough, E. K., architect, Verona, Pa.
Stoughton, Allen F., mill & facty. supps., Whitefield, N. H.
Stoughton, Bradley, steel casting & bessemer converters, 29 W. 39th, New York.
Stoughton, G. A., architect, Osage, Ia.
Stoughton Nov. Mfg. Co., inkstands & wells, Stoughton, Wis.
Stoughton Rubber Co., mackintoshes, 130 Essex, Boston, Mass.
Stoughton & Stoughton, architects, 96 5th av, New York.
Stoughton Wagon Co., Stoughton, Wis.
Stout, A. F., & Son, masons' & bldrs.' matls., Monmouth Junction, N. J.
Stout, E. C., architect, Prudential Bldg., Newark, N. J.
Stout Furn. Co., Dept. H, Brazil, Ind.
Stout, Howard A., architect, Atlantic City, N. J.
Stout, J. C., Lumber Co., Lake Charles, La.
Stout, Jno. C., architect, Rocky Mount, N. C.
Stout Lumber Co., Thornton, Ark.
Stout Mach. Co., motion picture machs., Rockford, Ill.
Stout Sign Co., 2533H Sullivan av, St. Louis, Mo.
Stoutamire, George W., canned goods, Roanoke, Va.
Stoutamire, P. W., canned goods, Salem, Va.
Stovall Hdwe. Co., whol. hdwe., Chattanooga, Tenn.
Stove & Range Co. of Pittsburgh, Preble av nr. Superior Bridge, Pittsburgh, Pa.
Stover Mach. Wks., New Matamoras, Ohio.
Stover Mfg. & Engine Co., agrl. implements, etc., Freeport, Ill.
Stover Steel Tank Co., auto. metal bodies, Freeport, Ill.
Stow & Davis Furn. Co., bank fix., Grand Rapids, Mich.
Stow Mfg. Co., Inc., boring, drilling, tapping & reaming machy., Binghamton, N. Y. *See adv index at end of book.*
Stow, Silas J., fire brick, New Haven, Conn.
Stow Flexible Shaft Co., machsts., N. 26 & Callowhill, Philadelphia, Pa.
Stowe-Fuller Co., The, fire brick, etc., Kirby Bldg., Cleveland, O.
Stowe, J. D., & Sons, paper & pulp mill, Scitico, Conn.
Stowe & Stowe, architects, 309½ 22d, Galveston, Tex.
Stowe & Woodward Co., rubber goods, Brockton, Mass.
Stowell Co. (The), agricultural implements, fndrs., etc., South Milwaukee, Wis.
Stowell, Hy., & Son, pads & tablets, Troy, N. Y.
Stowell Mfg. Co., paints, roofing & shingles, Culver av, Jersey City, N. J.
Stowell, N. S., & Co., textile machy. supplies, turned wood nov., etc., Dixfield, Me.
Stowell, Wm. H., assayers, Spokane, Wash.
Stowers, G. A., Furn. Co., Dept. H, San Antonio, Texas.
Stowers Pork Pckg. & Provision Co., Scranton, Pa.
Strable Lbr. & Salt Co., Saginaw, Mich.
Strable Mfg. Co., lbr., 537 First, Oakland, Cal.
Strachota Bros. Co., bldg. contrs., 396 17th av, Milwaukee, Wis.
Strack, Fred C., contractor, Lackawanna, N. Y.
Strack, Otto, architect, 220 E. 23d, New York.
Strack, Thos. P., contractor, Goodall Bldg., Cincinnati, Ohio.
Strahl & Pitsch, wax, acids, etc., 141 Front, New York.
Straight Bros. See Straight, L. S. (successor).
Straight Creek Chemical Co., wood alcohol, Straight, Pa.
Straight Dry Plate Co., Jamestown, N. Y.
Straight Line Engine Co., castings, Syracuse, N. Y.
Strait, H. N., Mfg. Co., agricultural implements, trucks, wagons, etc., Kansas City, Kans.
Strait & Richards, Inc., gas logs, Irvington, N. J.
Strait Scale Co., Kansas City, Kans.
Straiton, Geo., granite, Barre, Vt.
Straitsville Impervious Brick Co., New Straitsville, Ohio.
Stran, C. W., Co., cornices, skylights, 720 Hamilton, Cleveland, Ohio.
Strand Heater & Mfg. Co., stoves, heaters & ranges, 7804 Wade Park, Cleveland, Ohio.
Strand, Martin A., boat oars, skis, New Richmond, Wis.
Strand, N. A., & Co., vibrators, 631 W. Jackson blvd, Chicago, Ill.
Strandberg, E. P., Co., contractors, 5010 S. Wabash av, Chicago, Ill.
Strandel, Chas. A., architect, 118 N. La Salle, Chicago, Ill.
Strandwitz & Scott, blow piping, steel tanks, stacks, etc., Camden, N. J.
Strang, Elizabeth L., landscape, architect, Wachusetts, Mass.
Strang Engine Co., machsts., Harvey, Ill.
Strang, Geo., Hardware Co., cornices & skylights, Richland Center, Wis.
Strange, Chas. S., machst. & fndr., Taunton, Mass.
Strange, John, Paper Co., Menasha, Wis.
Strange, W. G., Lumber Co. (Ltd.), Newlin, La.
Strasbaugh, Harry P., canned goods, Aberdeen, Md.
Strasburg Steam Flouring Mill, Strasburg, Va.
Strasburg's, C., Sons, scrap iron, Ft. Wayne, Ind.
Strasenburgh, R. J., & Co., metal marking inks, Rochester, N. Y.
Strassel Gans Paint Co., Louisville, Ky.
Stra-Tedge Curtain Frame Co., stretchers, 4537 Pope av, St. Louis, Mo.
Strater, Herman, & Sons, machsts. & fndrs., 74 Sudbury, Boston, Mass.
Stratford Chemical Co., arsenicacid & insecticides, 25 Cortlandt, New York.
Stratford, Geo., Oakum Co., Cornelison av, Jersey City, N. J.
Strathmore Paper Co., Mittineague, Mass.
Stratton, B. L., contractor, Mason City, Ia.
Stratton & Bragg Co., engine & boilers, mill & facty. supplies, Petersburg, Va.
Stratton, C. L., packing box mfrs., East Jaffrey, N. H.
Stratton & Co., lumber, Campbellsburg, Ind.
Stratton, D. A., & Co., broom handles, Atlantic Mine, Mich.
Stratton, E. B., architect, Equitable Bldg., Boston, Mass.
Stratton, E. Platt, naval architect, 80 Broad, New York.
Stratton Fire Clay Co., Empire, O.
Stratton Mfg. Co., bone mills, Erie, Pa.
Stratton Mfg. Co., woodenware & nov. mfrs., Stratton, Me.
Stratton, Milton W., architect, Bar Harbor, Me.
Stratton & Terstegge Co., whol. hdwe., tin & japan ware mfrs., stoves & ranges, etc., 15th & Main, Louisville, Ky.
Stratton-Warren Hardware Co., Memphis, Tenn.
Stratton & Snyder, architects, Union Trust bldg, Detroit, Mich.
Straub, A. W., Co., agricultural implements, 3741 Filbert, Philadelphia, Pa.
Straub, Chas. M., architect, 147 4th av, New York.
Straub Machinery Co., 1230 Knowlton, Cincinnati, Ohio.
Straube Piano Co., Hammond, Ind.
Straubel Machine Co., Green Bay, Wis.
Strauch, Moritz F., architect, 1356 Diversey P'way, Chicago, Ill.
Strauchen, Ed., contractor, Rochester, N. Y.
Straughen, B. W., lumber, Pedricktown, N. J.
Straus Boilerine Co., boiler compounds, 50 Church, New York.
Straus, C. B., architect, Security Bank Bldg., Minneapolis, Minn.
Straus-Hohenstein Co., silkshades, 132 W. 21st, New York.
Straus, M., & Sons, patent leather, 506 Frelinghuysen av, Newark, N. J.

Straus Saddlery Co., 27th & Locus, St. Louis, Mo.
Strause Gas Iron Co., sad irons, 1425 Vine, Phila., Pa.
Strauser, Clayton, E., architect, Mount Carmel, Pa.
Strauss, Adolph, & Co., folding rules, 1140 B'way, New York.
Strauss Bascule Bridge Co., 104 So. Michigan av, Chicago, Ill.
Strauss Bros., architectural iron, Sioux City, Ia.
Strauss Bros. & Co., alarm clocks, goggles, 355 B'way, New York.
Strauss & Buegelusen, aviators' goggles, 16 Hanover pl, Brooklyn, N. Y.
Strauss Co., cornices, 370 Richmond, Providence, R. I.
Strauss & Co., elec. signs, 209 W. 48th, New York.
Strauss, Ferdinand, toys, 7 W. 22d, New York.
Strauss, J. E., ice skates, St. Paul, Minn.
Strauss Knitting Mills, sweaters, etc., 3220 N. Clark, Chicago, Ill.
Strauss, L. & Son, elec. portables, 42 Warren, New York.
Strauss, Wm., show cases, 416 Arch, Philadelphia, Pa.
Straut, W. H., Co., mill & facty. supps., Haverstraw, N. Y.
Straw Plains Milling Co., flour, Strawberry Plains, Tenn.
Strayer, J. D., & Co., contractors, Johnstown, Pa.
Strayhan, J. F., lumber mrfs., Alden Bridge, La.
Streator Brick Co., Streator, Ill.
Streator Clay Mfg. Co., brick, sewer pipe, drain tile, etc., Streator, Ill.
Streator Drain Tile Co., Streator, Ill.
Streator Lumber Co., Streator, Ill.
Strecker Bros. Co., harness, Marietta, Ohio.
Street Bros. Machine Works, Chattanooga, Tenn.
Street-Chatfield Lumber Co., 1880 Fullerton av, Chicago, Ill.
Street, F. G., & Co., dish washing & meat, cutting machines, Trenton, N. J.
Street, F. L., flour mills, Masontown, W. Va.
Street, J. D., & Co., boiler compounds, lubricating oils, mill & factory supplies, waterproofing materials, etc., 41st & Park, St. Louis, Mo.
Street, J. F., architect, 129 S. 5th, Phila., Pa.
Street & Kent Mfg. Co., fndrs., 549 Fulton, Chicago, Ill.
Street Lumber Co., sash, door & blind, South Hadley Falls, Mass.
Street, R. R., & Co., mill & factory supplies, etc., 26-28 N. Clinton, Chicago, Ill.
Streeter-Amet Weighing & Recording Co., automatic weighing machines, 4101 Ravenswood av, Chicago, Ill.
Streeter Clip & Spec. Co., mfrs. steel clips for struct'l steel & concrete, 4125-27 E. Ravenswood av, Chicago, Ill.
Streeter, Hiram R., mchst. & fndr., Grand Ledge, Mich.
Streeter, N. R., & Co. parers, hdwe. specialties, 220 N. Water, Rochester, N. Y.
Streeter & Sons Co., masons' & bldrs.' matls., Worcester, Mass.
Streeton, Geo. H., architect, 115 E. 34th, New York.
Streich, A., & Bro. Co., buggies, carts, wagons, etc., Oshkosh, Wis.
Streicher, H. P., Co., contractors, Terminal Bldg., Toledo, Ohio.
Streit, C. F. Mfg. Co., 1050H Kenner, Cincinnati, Ohio.
Strelinger, Chas. A., Co., machinery dealers, mill & factory supplies, 43 E. Larned, Detroit, Mich.
Strelinger Marine Engine Co., 25 St. Aubin, Detroit, Mich.
Stremel Bros. Roofing & Cornice Co., 1314 N. 3d, Minneapolis, Minn.
Streng, M., Sons Co., scrap iron & steel, River & Warfield, Pittsburgh, Pa.
Stresen-Reuter & Co., paint mfrs., 5516 Lake Park av, Chicago, Ill.
Stresen-Reuter & Hancock, Inc., colors, cobalt, etc., 122 S. Michigan, Chicago, Ill.
Stresenreuter Bros., contractors, 3020 S. Halsted, Chicago, Ill.
Strevell & De Friest Hardware Co., cornices, Ravenna, N. Y.
Strevell-Patterson Hardware Co., Salt Lake City, Utah.
Stricker, Henry H., & Co., canners' paste, etc., 604 W. Pratt, Baltimore, Md.
Strickland, Blodget & Law, architects, 26 Pemberton sq., Boston, Mass.
Strickland Bros. Machine Co., Tuscaloosa, Ala.
Strickland Cotton Mills, Valdosta, Ga.
Strickland, L. E., lbr., Dacula, Ga.
Strickland Machine Co., foundry, 2330 E. Main, Richmond, Va.
Strickland Pattern Works, Chattanooga, Tenn.
Strickland, R. F., Co., fertilizer, Concord, Ga.
Strickland-Tillman Hardware Co., Valdosta, Ga.
Strickland's, A. J., Mfg. Works, fertilizer, Valdosta, Ga.
Strickler, B. F., & Sons, mchsts. & fndrs., Benroy, Pa.
Strickler Bros. Canning Co., Tippecanoe City, Ohio.
Strickler, C. F., & W. H., Milling Co., flour, Lebanon, Pa.
Strickler, Frank, founder, East Prospect, Pa.
Strickler Hay Tool Co., Janesville, Wis.
Striebel, A. J., & Co., heating contrs., 52 2d, Milwaukee, Wis.
Striebinger, Frederic W., architect, 1900 Euclid av, Cleveland, O.
Strieby & Foote Co., automobile & special drop forgings, 301 Ogden, Newark, N. J.
Strieder, J. W., Co., cigar machinery, 178 Ruggles, Boston, Mass.
Striegel, Geo. J., contractor, Sandwich, Ill.
Striffler, Edw. C., whosale hardware, 591 11th av, New York.
Strine, Geo. C., contr., Clinton, Ill.
Stringer, J. M., & Son, flour, Skiatook, Okla.
Stringer, R. L., lumber mfr., Algoa, Ark.
Strite Governor Pulley Co., 307 S. 3rd, Minneapolis, Minn.
Strite Tractor Co., Plymouth bldg, Minneapolis, Minn.
Stritesky, L. R., architect, Empire State Bldg., Spokane, Wash.
Strittmatter, A., architect, 444 Field av, Detroit, Mich.
Strobel Mfg. Co., dressers, wheels, 410 N. Western av, Chicago, Ill.
Strobel, Philip & Sons, interior hardwood work, 53 Elizabeth, New York.
Strobel Steel Const. Co., Monadnock Blk., Chicago, Ill.
Strobel & Wilken Co., toys, games & nov., 61 W. 23d, New York.
Strobell & Crane, silver nov., 33 E. Kinney, Newark, N. J.
Strock, L. W., & Co., wooden handle mnfr., Bethlehem, Pa.
Stroebel, J. F., cornices & skylights, Neenah, Wis.
Stroebel, Wm. L., architect, Martin Bldg., Utica, N. Y.
Stroeh, Herman J., architect, Commerce Bldg., Kansas City, Mo.
Stroehle Machy. & Supply Co., Black Hawk, Colo.
Stroh Die Moulded Casting Co., 161 Michigan, Milwaukee, Wis.
Strohl Steel Hardening Process Co., First Nat'l Bank Bldg., Pittsburgh, Pa.
Stroh Steel Hardening Process Co., Pittsburg, Pa., & Hobart Bldg., San Francisco, Cal.
Stroh Steel Hardening Co., tube mill linings, crusher rolls, gear & pinions, 1st National Bank Bldg., Pittsburg, Pa.
Stroh & Wilson, mill & facty. supplies, 420 W. 42d, New York.
Strohecker, A. J., tires, Reading, Pa.
Strohm, W. A., & Bro., machsts., 1612 W. Lake, Chicago, Ill.
Strohmeyer & Arpe Co., sealing wax, 139 Franklin, New York.
Stroker, Fritz C., & Son, agricultural implements, Olney, Mo.
Strom-Johnson Construction Co., Grand Rapids, Mich.
Strombach & Martens, architects, 989 Springfield av, Irvington, N. J.
Strombach, W. H., architect, 222 Market, Newark, N. J.
Stromberg, Allen & Co., street ry. tickets, 430 S. Clark, Chicago, Ill.
Stromberg-Carlson Tel. Mfg. Co., lightning arresters, telephone apparatus, etc., 1050 University av, Rochester, N. Y.
Stromberg Electric Co., 606 So. Michigan av, Chicago, Ill.
Stromberg Motor Devices Co., carbureters, 64 E. 25th, Chicago, Ill.
Stromsburg Brick Co., Stromsburg, Neb.
Stronach Door Check Co., 618 S. Canal, Chicago, Ill.
Strong Bungalow Co., camping outfits, Hartford, Conn.
Strong, C. H., & Co., soap, 180 N. Market, Chicago, Ill.
Strong, C. H., & Son, contractors, Swetland Bldg., Cleveland, O.
Strong, Carlisle & Hammond Co., furnaces, machinery, mill & factory supplies, etc., 336 Frankfort av, N. W., Cleveland, Ohio.
Strong, Carlton, architect, Union Bank Bldg., Pittsburgh, Pa.
Strong, Chas. H., & Son, dock bldrs., Swetland Bldg., Cleveland, Ohio.
Strong, Chas. R., archit., St. Paul Bldg., Cincinnati, Ohio.
Strong, H. B., sashes, doors & blinds, Wilkesville, O.
Strong, H. C., machst. & fndr., Mauston, Wis.
Strong & Hale Lumber Co., Portland, Conn.
Strong Hardware Co., Burlington, Vt.
Strong Hdwe. Co., whol. hdwe., New Brunswick, N. J.
Strong & Hery Co., mill & factory supplies, Rochester, N. Y.
Strong, Homer, machinery dealer, mill & facty supplies, etc., Rochester, N. Y.
Strong, John Co., flour mills, masons' & bldrs.' matls., South Rockwood, Mich.
Strong, Kennard & Nutt Co., goggles, 2044 E. 9th, Cleveland, Ohio.
Strong, L. T., architect, Bowling Green, Ohio.
Strong Machy. & Supply Co., 292-294 Church, New York.
See adv. index at end of book.
Strong Mfg. Co. (casket), hdwe. mfrs., Winsted, Conn.
Strong Mfg. Co., enameled ware mfrs., Sebring, Ohio.
Strong, Mason R., architect, 7 Wall, New York.
Strong, Nelson, contractor, Sayville, N. Y.
Strong, Paul K., architect, Kenton, Ohio.
Strong-Scott Mfg. Co., mill & facty. supplies, 413 S. 3d, Minneapolis, Minn.
Strong Steel Foundry Co., Buffalo, N. Y.
Strong Veneer Co., Gerry, N. Y.
Stroock Felt Mills, felt mfrs., Newburgh, N. Y.
Strother & Phinney, meal, fertz. mfrs., West Union, S. C.
Stroud, E. H. & Co., fertilizer & pulverizer machy., etc., 928 and 934 Fullerton av, Chicago, Ill.
Stroud Cotton Oil Co., meal, Stroud, Okla.
Stroud-Doyle Co. lubrg. oils, Oshkosh, Wis.
Stroud & Co., road machines, plows, wagons, Omaha, Neb.
Stroudsburg Engine Works, Stroudsburg, Pa.
Stroup, D. V., architect, James Bldg., Chattanooga, Tenn.
Stroup, L., sash, door & blind mfr., Alliance, Ohio.
Stroup, P. N., & Co., masons' & bldrs.' matls., La Grange, Ind.
Stroup, S. P., Lumber Co., Shelbyville, Ind.
Strout Bros., contractors, Chelsea, Mass.
Strout, Geo. F., 621 Main, Boston, Mass.
Strout, Wm. A., architect, 81 Fulton, New York.
Strube Machine Works, 337 W. 25th, Chicago, Ill.
Strubel's Ridgewood Iron Works, 1604 De Kalb av, Brooklyn, N. Y.
Struble, Hy., Cut Stone Co., 209 S. La Salle, Chicago, Ill.
Strubler Computing Scale Co., Elkhart, Ind.
Struck, Alfred, & Co., contractors, Louisville, Ky.
Struck, Fred M., contractor, East Orange, N. J.
Structo Mfg. Co., toy metal bldg. matls., Freeport, Ill.
Structural Concrete Co., Dayton, Ohio.
Structural Service Bureau, advertising counsellors, for building industry, 1701 Walnut, Philadelphia, Pa.
Structural Slate Co., Pen Argyl, Pa.
See adv. index at end of book.
Strunk, Sherwin, Co., masons' & bldrs.' matls., Windom, Minn.
Strunz, S., & Son, soap, 708 Bingham, Pittsburgh, Pa.
Struppmann, C., & Co., embossing dies, W. Hoboken, N. J.
Struss, Chas., contractor, La Porte, Ind.
Struthers Coal & Coke Co., Citizens' Bldg., Cleveland, Ohio.
Struthers Cooperage Co., Struthers, Ohio, & Romeo, Mich.
Struthers Furnace Co., basic & fdry. pig iron, Citizens' bldg, Cleveland, Ohio.
Struthers Mill Co., sash, door & blind mfrs., 3345 Grand av, Chicago, Ill.
Struthers, W. F., architect, 209 9th, Pittsburgh, Pa.
Struthers-Wells Co., steel plate construction, riveted & welded, Warren, Pa.
Struthers-Ziegler Cooperage Co., Book bldg, Detroit, Mich.
Strutt, Wm., lamps, Paterson, N. J.
Struve, John flour, Lyons, Ia.
Struven, Chas. M., & Co., mill & facty supplies, 114 S. Frederick, Baltimore, Md.
Struyk, John S., architect, Post Office bldg, Passaic, N. J.
Stryker, A. A., & Sons, contrs., Summit, N. J.
Stryker, A. Y., cornices, Princeton, N. J.
Stryker Boat-Oar & Lumber Co., Stryker, Ohio.
Stryker Builders' Supply Co., Stryker, Ohio.
Stryker, C. W., auto. tire holders, Syracuse, N. Y.
Strype, Richard, contractor, 40 Coffey, Brooklyn, N. Y.
Stuart, B. Dudley, architect, Walker bldg, Seattle, Wash.
Stuart-Bell Corp., luggage carriers, 301 W. 53rd, New York.
Stuart, Burt, architect, Meridian, Miss.
Stuart, D. A., & Co., cutting lubricants, lubrg. oils, 2733 S. Troy, Chicago, Ill.
Stuart Foundry Co., 207 Junction, Detroit, Mich.
Stuart, G. W., architect, St. Petersburg, Fla.
Stuart-Howland Co., elec. railway supplies, 234 Congress, Boston, Mass.
Stuart & Peterson Co., autoclaves, Burlington, N. J.
Stuart Products Corp., batteries, 633 Washington, Chicago, Ill.
Stuart, Robt. J. & T. H., machsts. & fndrs., New Hamburg, N. Y.
Stuart, T., & Son Co., contractors, 166 Devonshire, Boston & Newton, Mass.
Stuart, Wm. A., bldg. contr., Auburn, N. Y.
Stuart, Wm. G., masons' & bldrs.' matls., Skaneateles, N. Y.

Stubbs Steel Co., file mfrs., 17 N. 5th, Philadelphia, Pa.
Stubbs, Warren, contr., Granite City, Ill.
Stuber, F., & Son, cornices & skylights, Lawrenceburg, Ind.
Stuber & Kuck Co., lawn sprinklers, tinware, etc., Peoria, Ill.
Stubin Geyser Elec. Water Heater Co., Steubenville, Ohio.
Stubner Chemical Wks., Inc., oils, colors, dyes & dyestuffs, Elizabeth, N. J.
Stuck, C. A., & Sons, masons' & bldrs.' matls., Jonesboro, Ark.
Stucker Bros. Construction Co., contrs., Harrisburg, Pa.
Stuckey, Adam & Son, contrs., Harrisburg, Pa.
Stuckey, S. F., lbr., Eutaw, Ala.
Stucki, A., side bearings, Oliver Bldg., Pittsburgh, Pa.
Stuckstede, Hy., Bell Fndry. Co., 1312 S. 2d, St. Louis, Mo.
Studebaker Bros. Co., carriages, Ogden, Utah, & San Fran., Cal.
Studebaker Corp., auto. bldrs., carriages, wagons, etc., South Bend, Ind.
Study & Farrar, architects, Arcade bldg, St. Louis, Mo.
Stuebe, Leon F. W., architect, Danville, Ill.
Stuebing Automatic Machine Co., 308 Walnut, Cincinnati, Ohio.
Stuebing Truck Co., W. Court, Cincinnati, Ohio.
Stuebner, G. L., Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book.*
Stuekert & Co., architects, Crozer bldg, Phila., Pa.
Stuempfle's, David, Sons, masons' & bldrs.' matls., Williamsport, Pa.
Stuetzle, Charles, glass stainers, 106 S. 8th, Brooklyn, N. Y.
Stuhlman Bros., carriages, Palmyra, Mo.
Stuhlmiller Mantel Works, Buffalo, N. Y.
Stuhr Lumber Co., 936 Lumber Exchange, Minneapolis, Minn.
Stuhr, Wm., architect, 1003 12th, Urbana, Ill.
Stulp, Fred J., hose menders, 220 Sanford, Muskegon, Mich.
Stulsoft, M., Co., plumbers' supplies, 647 Missouri, San Francisco, Cal.
Stultz, Ben. F., flour mill, Mathias, W. Va.
Stultz, C. M., flour mill, New Market, Va.
Stulz-Sickles Co., contrs' tools & supps., 121 Lafayette, Newark, N. J.
Stumpe, F. W., brick, Washington, Mo.
Stumpf, Jacob, & Son, contractors, Lancaster, Pa.
Stupakoff, S. H., pyrometers & furnaces, 6639 Hamilton av, Pittsburgh, Pa.
Stupp Bros. Bridge & Iron Co., Frisco Bldg., St. Louis, Mo.
Sturdevant-Murray Mfg. Co., children's vehicles, Mullet & Rivard, Detroit, Mich.
Sturdevant & Poggi, architects, Coal Exch. Bldg., Wilkes-Barre, Pa.
Sturges & Burn Mfg. Co., steel churns, milk & ice cream cans, 838 W. Congress, Chicago, Ill.
Sturges, Howard P., architect, 19 S. La Salle, Chicago, Ill.
Sturges, Louis H., architect, Board of Trade Bldg., Indianapolis, Ind.
Sturges Lumber Co., Sedalia, Mo.
Sturges, R. B. Co., architect, 219 S. Western av, Los Angeles, Cal.
Sturgess, Frank M., contractor, Danbury, Conn.
Sturgis Bros., contractors, Morristown, N. J.
Sturgis-Jones Last Co., wooden shoe lasts, Brockton, Mass.
Sturgis Machine Co., machsts. & fndrs., Sturgis, Mich.
Sturgis Milling Co., flour, Sturgis, Ky.
Sturgis, R. Clipston, architect, 120 Boylston, Boston, Mass.
Sturgis, S. D., Mach. & Tool Wks., Los Angeles, Cal.
Sturgis Steel Go-Cart Co., children's carriages, Sturgis, Mich.
Sturgis, W. B., & Sons, agricultural implements, Shelbyville, Ill.
Sturm, Adolph, Co., veneer mfrs., 542 Wash. blvd., Chicago, Ill.
Sturm, Meyer J., architect, 116 S. Michigan av, Chicago, Ill.
Sturn Dumwaiters & Elevator Co., Portland, Ore.
Sturnfield, Chas. H., architect, 600 Blue Island av, Chicago, Ill.
Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
Sturtevant, B. F., Co., fans, fan systems & allied products, mfrs., 15 Damon, Hyde Park, Boston, Mass.
Sturtevant & Blood Co., masons' & bldrs.' matls., Owosso, Mich.
Sturtevant & Haley Beef & Supply Co., meat packers, 40 F. H. Market, Boston, Mass.
Sturtevant-Larrabee Co., carriages, Binghamton, N. Y.
Sturtevant Mill Co., crushing, grinding, pulverizing, screening, elevating, conveying, mixing & weighing machinery mfrs., Clayton & Park, Dor., Boston, Mass.
Stutsman, R. O., Co., machsts. & fndrs., Des Moines, Ia.
Stuttgart Mach. Co., Stuttgart, Ark.
Stuttgart Rice Mill Co., Stuttgart, Ark.
Stuttle Brass Mfg. Co., founders, Batavia, Ill.
Stutz Motor Car Co., N. W. cor. Capitol av & 10th, Indianapolis, Ind.
Stutzman, Frank, machinist, Williamsport, Pa.
Stutzman Mfg. Co., fruit evaporators, Ligonier, Ind.
Stuyvesant Piano Co., 605 E. 132d, New York.
Styninger, Jno. A., steam fitters' supplies, Bay City, Mich.
Styve Bros., wholesale hardware, Lake Mills, Ia.
Suarez, Diego De, architect, 347 Madison av, New York.
Suber, A. A., machinist, Deshler, Ohio.
Submarine Boat Corporation, ship bldrs., 11 Pine, New York.
Suburban Coal & Supply Co., masons' & bldrs.' matls., Oak Park, Ill.
Suburban Lighting Co., elec. lgt. plants, Toledo, Ohio.
Success Brick & Tile Co., Greenwood, Miss.
Success Dish Washing Machine Co., Wooster, Ohio.
Success Mfg. Co., metal nov. & specialties, Gloucester, Mass.
Success Milking Mach. Co., 1033 Winnebago, Milwaukee, Wis.
Success Seed Grader Co., Spokane, Wash.
Such Clay Co., South Amboy, N. J.
Sucher, Chas., Packing Co., meat packers, Dayton, Ohio.
Suck, Theo., flour mills, Silverton, W. Va.
Suction System Cleaning Co., hand vacuum cleaners, Sidney, O.
Sudendorf, H. H., masons' & bldrs.' matls., Salina, Kan.
Suderman & Young, contrs., Galveston, Tex.
Sudhoelter, C. H., Co., architects, Joplin, Mo.
Sudlersville Canning Co., Sudlersville, Md.
Suelflohn & Seefeld, wholesale hdwe., 45 2nd, Milwaukee, Wis.
Suer, B., & Sons, brick, 138 Duck Creek rd, Cincinnati, Ohio.
Suer, Herman, & Sons, brick, Marburg av, Hyde Park, Cincinnati, Ohio.
Suess Glass Co., stainers, Seattle, Wash.
Suffa, Jos., cornices, Watertown, Conn.
Suffolk Clay Co., common brick, Suffolk, Va.
Suffolk Knitting Co., bathing suit mfrs., E. Boston, Mass.
Suffron, C. E., machinist, Peebles, Ohio.
Sugar App. Mfg. Co., Wilmington, Del.
Sugar Grove Brick Co., Columbus, Ohio.
Sugar Machy. Co., Higgins bldg, Los Angeles, Cal.
Sugar Magazine, trade publication, Elm & Duane, New York.
Sugar River Canning Co., Waukesha, Wis.
Sugarman, M. H., architect, 681 5th av, New York.
Sugden, Percy, architect, Merchants' Nat. Bk. Bldg., Savannah, Ga.
Sugden Press Bagging Co., press cloths, West Chelmsford, Mass.
Suiter, Chas., architect, Red Lodge, Mont.
Suitt Bros. Mfg. Co., chairs, Cambridge, Ohio.
Sukernek, Louis, Jr., scrap iron & steel, 993 Clinton, Buffalo, N. Y.
Sulligent Cotton Oil Co., Sulligent, Ala.
Sullivan, A. S., architect, Ogden, Utah.
Sullivan Bridge Co., Sullivan, Ind.
Sullivan Bros., carriages, Rochester, N. Y.
Sullivan, C. J., contractor, 252 N. Salina, Syracuse, N. Y.
Sullivan & Carmody, cornices & skylights, Holyoke, Mass.
Sullivan Chemical Co., Acidalia, N. Y.
Sullivan Concrete Wks., roofing tile, Sullivan, Ill.
Sullivan Condensed Milk Co., canned, Sullivan, Wis.
Sullivan, D. E., & Son, contractors, Interurban Terminal Bldg., Columbus, Ohio.
Sullivan, D. J., contractor, Taunton, Mass.
Sullivan, D. T., masons' & bldrs.' matls., Lowell, Mass.
Sullivan, Daniel P., Jr., plumbers' supplies, 250 Congress, Boston, Mass.
Sullivan, E. S. Co., fuel oil burners, Monadnock Bldg., San Francisco, Cal.
Sullivan, Eugene, & Son, granite, Barre, Vt.
Sullivan-Geiger Co., tinware mfrs., Indianapolis, Ind.
Sullivan Hardware Co., Anderson, S. C.
Sullivan, J. A., & Co., masons' & bldrs.' matls., Northampton, Mass.
Sullivan, J. F., contractor, Newport, R. I.
Sullivan, J. H., contractor, 20 Lake Br., Boston, Mass.
Sullivan, J. H. (Est. of), masons' & bldrs.' matls., Whitehall, N. Y.
Sullivan, J. J., contractor, 272 W. 5th, Boston, Mass.
Sullivan, J. P., & Sons, Inc., contrs., Newport, R. I.
Sullivan, J. S., Saddletree Co., Jefferson City, Mo.
Sullivan, J., & Sons Mfg. Co., cotton webbing, 2224 N. 9th, Philadelphia, Pa.
Sullivan, J. T., masons' & bldrs.' matls., 2360 Fulton, Brooklyn, N. Y.
Sullivan, Jas., & Son, gelatine & glue, Marblehead, Mass.
Sullivan, Jno., brick, Lansdowne, Pa.
Sullivan, John B., & Son, stone producers, Taunton, Mass.
Sullivan, John J., marble producer, Gouverneur, N. Y.
Sullivan, Jno., & Son, tarpaulins, wagon covers, etc., 356 Hudson, New York.
Sullivan, John W., Co., machinists, 827 E. 9th, New York.
Sullivan-Korber Co., archl. iron, store fronts, etc., 2437 W. 21st pl, Chicago, Ill.
Sullivan, Long & Haggerty, contrs., Bessemer, Ala.
Sullivan, Louis H., architect, 1808 Prairie av, Chicago, Ill.
Sullivan & McKeon, contractors, 843 Dixwell av, New Haven, Conn.
Sullivan & McNally Co., contractors, Paterson, N. J.
Sullivan, M., & Sons Constr. Co., 2330 Bereford av, Cincinnati, Ohio.
Sullivan Machy. Co., mining & stone quarrying machy., etc., Peoples Gas bldg, Chicago, Ill.
Sullivan-Markley Hardware Co., Greenville, S. C.
Sullivan, Mason & Sullivan, contractors, Alexandria, Ind.
Sullivan, Matthew, architect, 100 Boylston, Boston, Mass.
Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
Sullivan Oil Co., 413 N. Wells, Chicago, Ill.
Sullivan Packing Co., meat packers, 252 Beecher av, Detroit, Mich.
Sullivan Printing Wks. Co., calendar pads, Cincinnati, Ohio.
Sullivan Supply Co., mill & facty. supplies, Saginaw, Mich.
Sullivan, T., & Co., lbr., 2 Arthur, Buffalo, N. Y.
Sullivan, T. D., & Sons Co., contrs., Newton Highlands, Mass.
Sullivan Varnish Co., 410 Hart, Chicago, Ill.
Sullivan, W. M., stone producers, Norristown, Pa.
Sullivan, Wm., Co., htg. contrs., 1118 N. Clark, Chicago, Ill.
Sullivan, Wm. J., Co., stone producers, 99 Southampton, Boston, Mass.
Sullivant, A. D. R., architect, 4 E. 43d, New York.
Sullwold, H. A., architect, Endicott Bldg., St. Paul, Minn.
Sulpho Napthol Co., disinfectants, 14 Medford, Boston, Mass.
Sulpice, L. F., machinist, New Orleans, La.
Sulzbach, F. J., contractor, Sioux City, Ia.
Sulzer & Co., machinists, 252 N. 11th, Philadelphia, Pa.
Sumergrade, Jos., stamping dies, 49 Elizabeth, New York.
Sumergrade, N., mattresses, 31 Tompkins, New York.
Summer, J. E., archit., Greenwood, S. C.
Summerhays, Wm., & Son, chimneys, 1 Exchange, Rochester, N. Y.
Summerill Tubing Co., Bridgeport, Pa.
Summers, A., & Sons, contractors, Janesville, Wis.
Summers Buggy Co., Barnesville, Ga.
Summers, C., stained glass wk., 1455 59th, Brooklyn, N. Y.
Summers, C. G., & Co., canned goods, Russell & Cary, Baltimore, Md.
Summers, Crosley & Co., whol. hdwe., Opelika, Ala.
Summers, F. A., mach. & fndr., Mitchell, S. D.
Summers & Harden, contrs., Lima, Ohio.
Summers Hardware Co., mill & facty. supps., Johnson City, Tenn.
Summers Steel Car Co., Oliver Bldg., Pittsburgh, Pa.
Summers, W. L., mach. & fndr., West Plains, Mo.
Summers, Wm., Co., milk bottle caps, Piqua, Ohio.
Summerville Brick Co., Summerville, S. Car.
Summerville Cotton Oil Co., Summerville, Ga.
Summerville, F. M., architect, 949 B'way, New York.
Summerville Sanders Lumber Co., see Sanders, P. M., & Co. (successors).
Summit Canning Co., Akron, Ind.
Summit China Co., Akron, Ohio.
Summit Coal Mining Co., bituminous, Punxsutawney, Pa.
Summit Door Co., sash, door & blind mfrs., 73 St. Paul's av, Jersey City, N. J.
Summit Foundry Co., Geneva, N. Y.
Summit Lime Co., Los Angeles, Cal.
Summit Lumber & Building Co., Akron, Ohio.
Summit Machine Works, engine lathe mfrs., 54 Hermon, Worcester, Mass.
Summit Pressed Brick & Tile Co., Pueblo, Colo.

Summit Silica Co., Barberton, Ohio,
Summit Stove Wks., Morrison, Ill.
Summit Thread Co., 103 Medford, Boston, Mass.
Summitville Drain Tile Co., Summitville, Ind.
Sumner, A. B., & Son, shoe counters, Lynn, Mass.
Sumner, Chas. K., architect, 57 Post, San Francisco, Cal.
Sumner Counter Co., Haverhill, Mass.
Sumner & Dunbar, mill & facty. plumbers' supplies, jobbers, 287 Congress, Boston, Mass.
Sumner Iron Wks., machsts. & fndrs., Seattle, Wash.
Sumner Mfg. Co., bread mixers, Boston, Mass.
Sumner & Morris, whol. hdwe., Madison, Wis.
Sumner, Wm., Belting Co., belt lacing, Tolland, Conn.
S. U M. Sales Corp., elec. light plant, 1765 B'way, New York.
Sumter Brick Works, Sumter, S. C.
Sumter Coffin & Casket Mfg. Co., Sumter, S. C.
Sumter Electrical Wks., gas engine igniters, Sumter, S. C.
Sumter Machy. Co., Sumter, S. C.
Sumter Lumber Co. Elec. Mills, Miss.
Sumter Railway & Mill Supply Co., Sumter, S. C.
Sumter Tel. Co., machsts. & fndrs., Sumter, S. C.
Sunbeam Mfg. Co., automobile brake linings, 1113 E. 30th, Kansas City, Mo.
Sun Co., asphalt dlrs., naphtha, oils, etc., Finance Bldg., Philadelphia, Pa.
Sun Enamel Wks., Leominster, Mass.
Sun Mfg. Co., folding chairs & cots, cash drawers, etc., Columbus, Ohio.
Sun Milling Co., cereal foods, Oakland, Cal.
Sun Motor Car Co., automobile bldrs., Elkhart, Ind.
Sun Novelty Co., balls, balloons (rubber), Bloomfield, N. J
Sun Power Engine Co., Detroit, Mich.
Sun Prairie Canning Co., Sun Prairie, Wis.
Sun Ray Mfg. Co., elec. htg. pads, Oshkosh, Wis.
Sun Ray Stove Co., Delaware, Ohio.
Sun Shipbuilding Co., Chester, Pa.
Sun Typewriter Co., 317 B'way, New York.
Sun Vapor & Gas Street Light Co., Canton, Ohio.
Sun Vapor Street Light Co., gas lamps, Canton, Ohio.
Sun Varnish Co., Louisville, Ky.
Sun Wall Paper Mfg. Co., Reading, Pa.
Sunasack, R. W. See Irwin Leather Goods Co. (successor).
Sunbeam Chemical Co., aniline colors, 198 Pacific av, Jersey City, N. J.
Sunbeam Incandescent Lamp Wks. of G. E. Co., 500 S. Clinton, Chicago, Ill.
Sunbright Canning Co., Dickson, Tenn.
Sunbury Burial Case Co., coffins, Sunbury, Pa.
Sunbury Coffin & Casket Co., Sunbury, Pa.
Sunbury Mfg. Co., loaders & unloaders, Dept. H, Sunbury, Ohio.
Sunbury Supply Co., masons' & bldrs.' matls., Sunbury, Pa.
Sund & Dunham, architects, Essex Bldg., Minneapolis, Minn.
Sunday Creek Coal Co., Outlook bldg, Columbus, Ohio.
Sunday & Faber, carriages, Mendota, Ill.
Sunday, J. D., flour mills, Bernville, Pa.
Sundberg, August, architect, 78 North av, New Rochelle, N. Y.
Sundberg Co., crank shafts, forgings, etc., 1024 W. Kinzie, Chicago, Ill.
Sundberg, Nils M., contractor, 11 Somerset, Providence, R. I.
Sundberg & Sundberg, architects, Rexburg, Idaho.
Sunde & d'Evers Co., mill & facty. supps., Seattle, Wash.
Sunderland Bros. Co., masons' & bldrs.' matls., Omaha, Neb.
Sunderland Machinery & Supply Co., Omaha, Neb.
Sunderland Mfg. Co., air pumps, 600 W. 22d, Chicago, Ill.
Sunderland Mfg. Co., air tire pumps, grease guns & tire connections, 600 W. 22nd, Chicago, Ill.
Sunderland & Watson, architect, Danbury, Conn.
Sunderman Corp., carburetors, Newburgh, N. Y.
Sunflower Lbr. Co., Clarksdale, Miss.
Sundh Elec. Co., 209 Parkhurst, Newark, N. J.
Sundheimer, Hy., kryolith, 103 Park av, New York.
Sundrup, Aug., common brick, Bartelso, Ill.
Sundstrand Adding Mach. Co., Rockford, Ill.
Sundstrom, David L., architect. New Britain, Conn.
Sundt, M. M., sashes, doors & blinds, Las Vegas, N. M.
Sunflower Glass Co., window glass mfgrs., Sapulpa, Okla.
Sunlight Coal Co., H Fletcher Bank Bldg., Boonville, Ind.
Sunlight Double Glass Sash Co., Louisville, Ky.
Sunlight Elec. Mfg. Co., carbon incandescent lamps, Warren, O.
Sunlight Elec. Spec. Co., dry batteries, 453 Broome, New York.
Sunlight Gas Mach. Co., gas generation, 68 Summit, Brooklyn, New York.
Sunlight Oil & Gasoline Co., naphtha refiners, 49th & Gray's av, Philadelphia, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Sunlit Fruit Co., canners, 112 Market, San Francisco, Cal.
Sunner & Gerlach, masons' & bldrs.' matls., 1401 N. Register, Baltimore, Md.
Sunny Side Granite Co., Richmond, Va.
Sunnyvale Canneries, Sunnyvale, Cal.
Sunset Brick & Tile Co., Gonzales, Tex.
Sunset Canning Co., Pomona, Cal.
Sunset Iron Wks., ornamental iron, 124 Folsour, San Francisco, Cal.
Sunset Knitting Co., 334 Sutter, San Francisco, Cal.
Sunset Lumber Co., Oakland, Cal.
Sunset Packing Co., West Pembroke, Me.
Sunshine, Jasper, Co., sad irons, 59 E. 8th, New York.
Sunshine Mantle Co., Chanute, Kan.
Sunshine Safety Lamp Co., 1005 McGee, Kansas City, Mo.
Suor & Suor Bldg. Co., builders' exch., Buffalo, N. Y.
Super Lighting Co., auto. lenses, 1842 B'way, New York.
Super-Vulcanizer Mfg. Co., Salt Lake City, Utah.
Superb Bronze & Iron Co., 254 Park av, Brooklyn, N. Y.
Superb Mfg. Co., Inc., auto accessories, hubs & parts, Monticello, Ind.
Superb Stamp Pad Co., Auburn, N. Y.
Superior Bearing Bronze Co., Inc., castings, 719 1st av, New York.
Superior Boiler Wks., Marion, Ind.
Superior Box Co., Superior, Wis.
Superior Brass & Fixture Co., 312 W. Jackson blvd, Chicago, Ill.
Superior Brass Fdy., Waterloo, Ia.
Superior Brass Mfg. Co., Mansfield, O.
Superior Brass & Mfg. Co., machsts. & fndrs., 106 S. 8th, St. Louis, Mo.
Superior Brass Nov. Co., bath room fix. & furnishings, 545 E. 116th, New York.
Superior Bronze Co., castings, Erie, Pa.
Superior Button Mfg. Co., 41 N. 11th, Philadelphia, Pa.
Superior Charcoal Iron Co., pig iron & coke dlrs., Grand Rapids, Mich.
Superior Chemical Co., alums, Joliet, Ill.
Superior Churn & Mfg. Co., Northville, Mich.
Superior Coal Co., Gillespie, Ill.
Superior Colliery Co., Hamm bldg, Detroit, Mich.
Superior Corundum Wheel Co., grinding wheels, Waltham, Mass.
Superior Die, Tool & Machine Co., Columbus, Ohio.
Superior Door Catch Co., Superior, Wis.
Superior Elec. Mfg. Co., 2416 University av, S.E., Minneapolis, Minn.
Superior Fifth Wheel Co., Superior, Wis.
Superior Fixture Co., elec. fixtures, Des Moines, Ia.
Superior Foundry Co., E. 71st & W. & L. E. Ry., Cleveland, O.
Superior Fdry & Mfg. Co., Belleville, Ill.
Superior Flake Graphite Co., 76 W. Monroe, Chicago, Ill.
Superior Fuel Co., bituminous coal mine, Russelton, Pa.
Superior Furnco,, Dept. H., Rockford, Ill.
Superior Gas Engine Co., Springfield, Ohio.
Superior Guano Co., fertilizer mfrs., Munsey Bldg., Baltimore, Md.
Superior Hardware Co., Superior, Wis.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Superior Iron & Mfg. Co., Wauseon, Ohio.
Superior Iron Wks. Co., misc. derricks, Superior, Wis.
Superior Ivory Button Co., 49 Dickerson, Newark, N. J.
Superior Ladder Co., Goshen, Ind.
Superior Lamp Mfg. Co., 136 W. 52nd, New York.
Superior Light & Heat Co., gas generators, 330 S. San Pedro, Los Angeles, Cal.
Superior Lbr. & Cedar Co., 303-4 Murray Bldg., Grand Rapids & Munising, Mich.
Superior Mach. & Boiler Wks., 848 W. Superior, Chicago, Ill.
Superior Machine Co., clothes washing machines, Sterling, Ill.
Superior Mach. & Engng. Co., 51 E. Fort, Detroit, Mich.
Superior Machine Tool Co., drilling machines, Kokomo, Ind.
Superior Mfg. Co., cast iron soil pipes, Bessemer. Ala.
Superior Mfg. Co., drop forgings & expansive bits, Gloucester, Mass.
Superior Mfg. Co., fire place heaters, etc., Magnolia, Pittsburgh, Pa.
Superior Mfg. Co., lamps, windshields, etc., Ann Arbor, Mich.
Superior Mfg. Co., plbrs. supps., 5723 W. Huron, Chicago, Ill.
Superior Mfg. Co., sweaters, cardigans, etc., Hoosick Falls, N. Y.
Superior Mfg. & Mill Co., agricultural implements, Springfield, Ohio.
Superior Mattress Co., St. Louis, Mo.
Superior Metal Products Co., Elyria, O.
Superior Meter Co., gas, calorimeters & photometers, etc., 254 36th, Brooklyn, N. Y.
Superior Milling Co., flour, Superior, Neb.
Superior Motors Co., Warren, O.
Superior Motor Power Co., 135 5th av, New York.
Superior Motor Truck Co., Atlanta, Ga.
Superior Oil & Supply Co., 1748 Wilmot av, Chicago, Ill.
Superior Oil Wks., petroleum, Warren, Pa.
Superior Oxygen Co., 113 Plum, St. Louis, Mo.
Superior Oxy-Acetylene Machine Co., Hamilton, Ohio.
Superior Pattern Works Co., 1247 Marquette rd, Cleveland, O.
Superior Polish Co., shoe blacking, Brockton, Mass.
Superior Portland Cement Co. See Wellston Iron Furnace Co. (successors).
Superior Post Co., ties, poles, 2907 Summit, Toledo, Ohio.
Superior Press Brick Co., 3190 S. Kings highway, St. Louis, Mo.
Superior Red Slate Co., roofing, Granville, N. Y.
Superior Sand Co., Guardian Bldg., Cleveland, O.
Superior Seating Co., school furniture, Muskegon, Mich.
Superior Sheet Metal Wks. Co., rural mail boxes, coolers, etc., 3201 Roosevelt av, Indianapolis, Ind.
Superior Ship Building Co., Superior, Wis.
Superior Skylight Co., 643 1st av, New York.
Superior Slate Co., Inc., Allentown, Pa.
Superior Spring Hinge Co., 550 W. Lake, Chicago, Ill.
Superior Steel Co., 529H Union Arcade, Pittsburgh, Pa.
Superior Steel Spring Co., Mt. Clemons, Mich.
Superior Supply Co., masons' & bldrs.' matls., Toledo, O.
Superior Supply Co., mill & facty. supplies, Bluefield, W. Va.
Superior Tack & Nail Co., Derby, Conn.
Superior Tool Co., Cambridge, O.
Superior Tool & Die Works, spec. machy., 313 S. Clinton, Chicago, Ill.
Superior Toy Wks., 1247 Marquette rd, Cleveland, O.
Superior Trading Co., canned goods, Seattle, Wash.
Superior Type Co., 3940 Ravenswood av, Chicago, Ill.
Superl Mfg. Co., metal polish, 221 Commercial, Los Angeles, Cal.
Superno Co., Inc., super-heaters, 52 B'way, New York.
Supertone Talking Mach. Co., 18 W. 20th, New York.
Supervising Architect, U. S. Treasury Annex, Washington, D. C.
Suppes Forge & Foundry Co., Johnstown, Pa.
Suppes, John F., architect, Teaneck, N. J.
Supple, Francis, machy. dlr., 330 Atlantic av, Boston, Mass.
Supplee-Biddle Hardware Co., hardware, wholesale, 510 Commerce, Philadelphia, Pa.
Supplee Co., architects, 5900 Washington, Philadelphia, Pa.
Supple, Wm., brooms, Topeka, Kans.
Supplies Co., general masons' supplies, Witherspoon bldg, Phila., Pa.
Sur-Coat Mfg. Co., boiler compounds, 149 Jefferson av, Detroit, Mich.
Sure Hatch Incubator Co., Fremont, Neb.
Sureloc Paper Clip Co., Providence, R. I.
Surerus & Greenhill, machsts, 502 W. Division, Chicago, Ill.
Surety Engineering Co., Inc., contrs., 30 Church, New York.
Surety Guard Co., elevator safety devices & saw guards, 62 E. Lake, Chicago, Ill.
Surf Packing Co., canned goods, Aberdeen, Wash.
Surface Combustion Co., valves, burners, etc., 366 Gerard av, New York.
Surpless, Dunn & Co., whol. hdwe., 74 Murray, New York.
Surprise Soap Co., 45 Bennet, Boston, Mass.
Surrell Down Draft Boiler Co., 101 Park av, New York.
Surry Lbr. Co., Union Trust Bldg., Baltimore. Md.
Surty Guard Co., safety devices & guards, 4139 W. Kinzie, Chicago, Ill.

Suspension Roller Bearing Co., Spartanburg, S. C.
Suspension Steel Concrete Co., 111 N. Jefferson, Chicago, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Susquehanna Chemical Co., wood alcohol, Straight, Pa.
Susquehanna Collieries Co., anthracite coal mine, Wilkes-Barre, Pa.
Susquehanna Cut Glass Co., Columbia, Pa.
Susquehanna Iron Co., rolling mills, York, Pa.
Susquehanna Stone Co., Williamsport, Pa.
Susquehanna Webbing Co., Bloomsburg, Pa.
Susquehanna Woolen Co., blankets, New Cumberland, Pa.
Sussdorf, Chas. A., architect, 100 State, Albany, N. Y.
Sussfeld, Lorsch & Co., clocks, goggles, telescopes, etc., 90 Maiden la, New York.
Sussman, Harris, mattresses, 232 E. 111th, New York.
Sussman, M., & Rosenburg Mfg. Co., auto. seats, Tarrytown, N. Y.
Sustins, F. A., machsts. & fndrs., Stevens Point, Wis.
Sutcliff, Adam, & Co., see Salisbury Mfg. Co.
Sutcliffe, Arthur S., architect, 111 E. 40th, New York.
Sutcliffe's, Jno., Sons, masons' & bldrs.' matls., Wheaton, Ill.
Suter, Alfred, yarn conditioning machines, 200 5th av, New York.
Suter, Eugene, & Co., chemicals, oils, etc., 120 B'way, New York.
Sutermeister, Arnold, Stone Co., 2018 Roost av, Kansas City, Mo.
Suthered & Co., architects, Laredo, Tex.
Sutherland, D. T., machinist, Bainbridge, Ga.
Sutherland & Edwards Co., jute twine, Paterson, N. J.
Sutherland, F. L., Co., handles, harness racks, 139 Beaubien, Detroit, Mich.
Sutherland-Innes Co., cooperage stock, 29 B'way, New York.
Sutherland, L. J., & Co., lumber mfrs., New Orleans, La.
Sutherland, Thos. M., contractor, Cedar Rapids, Ia.
Sutherland, W. M., Bldg. & Contg. Co., Syndicate Trust Bldg., St. Louis, Mo.
Sutphin, Elmer E., machsts., Trenton, N. J.
Sutter, Frank L., architect, Louis blk, Dayton, Ohio.
Sutter, H., Granite & Marble Co., granite, 562 Muskego av, Milwaukee, Wis.
Sutter, John F., contractor, Glen Morris, N. Y.
Sutter, Louis, cornices, West Hoboken, N. J.
Sutterley, G. T., & Co., metal stampings, 1720H N. 2nd, Phila., Pa.
Suttle, C. E., architect, Cleveland, Ohio.
Sutton, Albert, architect, National Realty bldg, Tacoma, Wash.
Sutton & Corson Co., contractors, Ocean City, N. J.
Sutton, E. W., carpet linings, 53 Sedgwick, Brooklyn, N. Y.
Sutton, F. S. & S. E., architects, 9 Clinton, Newark, N. J.
Sutton, Frank, htg. & ventg. engrs., 140 Cedar, New York.
Sutton Grocer & Milling Co., flour, Sutton, W. Va.
Sutton, J. P., fndrs., New Orleans, La.
Sutton, John G., Co., htg. contrs., 243 Minna, San Francisco, Cal.
Sutton, John P., & Co., meat packers, Auburn, Me.
Sutton Lead Co. (The), fndrs., Vancouver, Wash.
Sutton, O. C., & Co., brick, Marianna, Ark.
Sutton, Steel & Steel, machsts. & fndrs., Dallas, Tex.
Sutton & Stephenson, contractors, 1317 Washington av, Phila., Pa.
Sutton & Suderly Brick Co., Coeymans, N. Y.
Sutton, W. A., & Co., iron, 926 N. 19th, Philadelphia, Pa.
Sutton & Whitney, architects, National Realty bldg, Tacoma, Wash.
Sutton, Wm. P., steam fitters' supplies, Keokuk, Ia.
Sutton's Foundry & Structural Steel Works, New Orleans, La.
Suttons's Mills, woolen flannels, North Andover, Mass.
Suverkrup, John, lumber, San Bernardino, Cal.
Suvio Heating & Lighting Co., gas jet heaters, 696 E. 161st, New York.
Suwanne Hardware Co. (whol.), Live Oak, Fla.
Suydam, M. B., Co., paints, 61st & Butler, Pittsburgh, Pa.
Suzlo, Leonardo Construction Co., Meriden, Conn.
Svarz, Louis, architect, Seattle Nat. Bank bldg, Seattle, Wash.
Svea Art Cabinet Works, 1210 W. Washington, Los Angeles, Cal.
Svenson-Shuman Machine Co., concrete mixers, Oliver Bldg., Pittsburgh, Pa.
S. W. S. Mfg. Co., signs, metal, Davenport, La.
Swab Carriage Co., Elizabethville, Pa.
Swab Foundry Co., Elizabethville, Pa.
Swab Wagon Co., Elizabethville, Pa.
SWABY MFG. CO., centrifugal pumps, 2010 Marchall blvd, Chicago, Ill.
Swaim, C. W., Canning Co., Sabina, Ohio.
Swain & Angel Co., machsts. & fndrs., 3105 Smallman, Pittsburgh, Pa.
Swain-Carpenter Co., plumbers' woodwork, 7th & Morris, Philadelphia, Pa.
Swain, Chas. H., & Co., contractors, Concord, N. H.
Swain Construction Co., 67 State, Lynn, Mass.
Swain, D. M., machinist, Stillwater, Minn.
Swain, Frank E., plumbers' supplies—jobbers, 69 Beckman, New York.
Swain Herbert C., architect, 277 Oxford av, Buffalo, N. Y.
Swain-Karmire Lumber Co., Fulton, Ky.
Swain & Reed, wood handles, Roxbury, Me.
Swain, Wm., architect, Pullman, Wash.
Swain, Wm. T., & Co., masons' & bldrs.' matls., Nantucket, Mass.
Swaine, Fred J., Mfg. Co., dies, presses, etc., 7th & O'Fallon, St. Louis, Mo.
Swaine, John, Iron Works Co., Springfield, Mass.
Swainesboro Fertilizer Co., Swainesboro, Ga.
Swallow & Hopkins, lumber mfrs., Duluth, Minn.
Swallow, W. Shelton, Co., contractors, 105 W. 40th, New York.
Swan, Alden S., & Co., lubricating oils, etc., 148H Front, New York.
Swan Elec. Co., lamp guards, 144 Oliver, Boston, Mass.
Swan & Finch Co., lubricating oils & greases, 165 B'way, New York.
Swan, George, architect, Beverly, Mass.
Swan, Geo. B., rural mail boxes, Mattoon, Ill.
Swan, Jas., Co., woodworking tools, Seymour, Conn.
Swan, Robt., Jr., Co., contrs., Jenkins Arcade, Pittsburgh, Pa.
Swan, S. N., & Sons, organs, Freeport, Ill
Swan & Son, contrs., Crawfordsville, Ind.
Swanger, J. Q., Jr., cornices, Mishawaka, Ind.
Swanger & McClain, cornices, Marion, Ind.
Swank Engineering Co., contractors, Conover Bldg., Dayton, O.
Swank Hdwe. Co., steam fitters' supplies, Johnstown, Pa.
Swank's, H., Sons, saddle sleeves, Johnstown, Pa.
Swannell, Jos., architect, Red Bank, N. J.
Swansdown Knitting Co., sweaters, cardigans, etc., Hudson, N. Y.
Swanson, A. J., brick, Lindsborg, Kans.
Swanson Bros., contractors, Massillon, Ohio.
Swanson, Chas., contractor, Jamestown, N. Y.
Swanson, J. A., contractor, Warren, Pa.
Swanson, J. Glass Co., 168 W. Chicago av, Chicago, Ill.
Swanson, Peter, naval architect, Belvedere, Cal.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Swanson, Victor, contractor, Allston, Boston, Mass.
Swanstron Mfg. Co., water supply systems, Hammond, Ind.
Sward, A. E., & Co., stone producers, 123 W. 33d, Chicago, Ill.
Swart, Elmer E., contractor, Kingston, N. Y.
Swarthburg, B. Robt., architect, 103 Park av, New York
Swarthmore Coll., engng. school & coll., Swarthmore, Pa.
Swarthout & Speer, architects, Wausau, Wis.
Swartwood, C. J., contractor, Ithaca, N. Y.
Swartwout, Egerton, archit., 18 W. 34th, New York.
Swartwout Mfg. Co., hand carts, Clinton, N Y.
Swartwout, Russell G., architect, White Plains, N. Y.
Swartz Elec. Co., elec. lgt. plants, Indianapolis, Ind.
Swartz, G. A., contractor, Streator, Ill.
Swartz, H. D., rat traps, Scranton, Pa.
Swartz & Koenig, concrete roofing tile, Bridgeport, Conn.
Swartz & Mennella, contrs., Bessemer Bldg., Pittsburgh, Pa.
Swartz, Philip & Sons, mchts. & fndrs., Moscow, Pa.
Swartz, S. M., Lumber Co., Newton, Kans.
Swartz & Ryland, architects, Rowell bldg, Fresno, Cal.
Swasey, Raymond & Page, naval architects, 100 Boylston, Boston, Mass.
Swasey, W. Albert, architect, 101 Park av, New York.
Swash Motor Washer Co., clothes washing machines, Buttles & Michigan av, Columbus, Ohio.
Swayne Lbr. Co., Oroville, Cal.
Swayne, Robinson & Co., agricultural implements, Richmond, Ind.
Swayze Advtg. Co., advtg. novelties, Canton, Pa.
Swayze, H. M., stone, Trenton, N. J.
Swayzee Canning Co., Swayzee, Ind.
Swearingen, J. C., Ink Co., paste, 222 Wick, Pittsburgh, Pa.
Sweat-Comings Co., sash, door & blind mfrs., Richford, Vt.
Sweatt & Gould, granite producers, 75 Main, Boston, Mass.
Swedish-American Tel. Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Swedish Crucible Steel Co., fndrs., Butler & Grand Trunk R. R., Detroit, Mich.
Swedish Gage Co., see Johansson, C. E., Inc. (successors).
Swedish Separator Co., 515 S. 5th av, Chicago, Ill.
Swedish Venetian Blind Co., 47 W. 34th, New York.
Sweeny & Gray Co., machsts., 83-85 6th, Long Island City, N. Y.
Sweeney, J. A., & Co., cornices, 829 W. 5th, Cincinnati, Ohio.
Sweeney, J. W., Constr. Co., Portland, Ore.
Sweeney, James, architect, New London, Conn.
Sweeney & James Co., advertising counsellors, 1632 Euclid av, Cleveland, Ohio.
Sweeney, Luke F., contractor, Danbury, Conn.
Sweeney, M. A., Shipyard & Foundry Co., Jeffersonville, Ind.
Sweeney, M. E., contr., Galesburg, Ill.
Sweeney Sign Printing Co., metal litho., 251 W. 19th, N. Y.
Sweeney, Tom, Hardware Co., Rapid City, S. D.
Sweeney Tractor Co., traction engines, Kansas City, Mo.
Sweeney, W. H., Mfg. Co., bath room fixtures & furnishings, etc., 30 Main, Brooklyn, N. Y.
Sweet, A. H., & Son, boxes, snow shovels, Norton, Mass.
Sweet, B. F., & H. L., Co., wagons, grates, Fond du Lac, Wis.
Sweet Bros., fndrs., Lestershire, N. Y.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Sweet, C. F., lubrg. oils, Hartford, Conn.
Sweet, Chas. A., Provision Co., meat packers, 813 Spruce, St. Louis, Mo.
Sweet & Doyle, mill & facty. supplies, Cohoes, N. Y.
Sweet & Doyle Fdry. & Mach. Co., Green Island, N. Y.
Sweet, E. F., granite, Newport, R. I.
Sweet, Edw. E., Designing & Bldg. Co., 1158 Kenmore, Los Angeles, Cal.
Sweet, Geo. W., ladders, wood pumps, etc., Flint, Mich.
Sweet-Teller Hardware Co., Boise, Idaho.
Sweet, Thomas J., & Co., canned goods, Albion, N. Y.
Sweetland, Ben. J., advertising counsellor, 95 Liberty, New York.
Sweetland Waste Co., cotton waste, 134 Tudor, S. Boston, Mass.
Sweets Catalogue, trade publication, 119 W. 40th, New York.
Sweet's Steel Co., steel rails, etc., Williamsport, Pa.
See adv. index at end of bok.
Sweetser, J. G., cornices & skylights, Portsmouth, N. H.
Sweetsers Drain Tile Co., Sweetsers, Ind.
Sweezy Larremore V., architect, 55 Bible House, New York.
Sweiberg, Chas. E., contractor, 6338 Magnolia, Chicago, Ill.
Sweigard, Jos. L., & Co., machsts., Lincoln Bldg., Phila., Pa.
Sweigart, A. R., machsts., Morgantown, Pa.
Swenk, Benson Co., sash, door & blind mfrs., 2305 Cherry, Philadelphia, Pa.
Swenson, A., cornices, 1021 James av, N., Minneapolis, Minn.
Swenson, B. A., priming cups, 522 Broad, Providence, R. I.
Swenson Const. Co., Shubert Theatre Bldg., Kansas City, Mo.
Swenson Evaporator Co., mfrs. evaporator & chemical machy., 53 W. Jackson blvd, Chicago, Ill.
Swenson Grubber Co., lightning rods, capstans, etc., Cresco, Ia.
Swenson, J., ship builders, Ft. Warren, Jersey City, N. J.
Swenson, John, Granite Co., granite producers & workers, 101 Park av, New York, & Concord, N. H., & Marquette Bldg., Chicago, Ill.
Swenson, L., & Son, contractors, Passaic, N. J.
Swensson, Emil, archl. engrs., Frick Bldg., Pittsburgh, Pa.
Swern, Perry W., architect, 19 S. La Salle, Chicago, Ill.
Swett, A. L., Iron Wks., machsts. & fndrs., 145 Glenwood av Medina, N. Y.
Swett, C. T. Co., ship chandlers & naval stores, Portland, Me.
Swett, Frank W., & Son, band saw blades, 1716 W. Adams, Chicago, Ill.
Swift & Co., fertilizer mfrs., Moultrie, Ga., & St. Paul, Minn.
Swift & Co., meat packers, glue & fertilizer mfrs., Union Stock Yards, Chicago, Ill., & 154 9th, Jersey City, N. J.
Swift, E. E., contractor, Wood Hole, Mass.
Swift Fly Swatter Mfg. Co., 1412 W. 12th, Kansas City, Mo.

Swift, Geo. B., Co., contractors, 189 W. Madison, Chicago, Ill.
Swift, Geo. H., architect, Flint, Mich.
Swift, Geo. W., Jr., envelope machs., Bordentown, N. J.
Swift, I. E., Co., mill & facty. supplies, whol. hdwe., Houghton, Mich.
Swift, James, contractors, 522 S. Hudson, Syracuse, N. Y.
Swift Lubricator Co., Elmira, N. Y.
Swift Lbr. Co., Knoxo, Miss.
Swift-McNutt Co., contractors, 70 Devonshire, Boston, Mass.
Swift, M., & Sons, composition leaf, Hartford, Conn.
Swift Mfg. Co., agricultural implements, Waterloo, Ia.
Swift Paint Co., 10550 Euclid av, Cleveland, Ohio.
Swift, Stanley C., Mfg. Co., stanchion irons, Cuba, N. Y.
Swind Machy. Co., dlrs., Widener Bldg., Phila., Pa.
Swindell Bros., chemical glassware, Bayard & Russell, Baltimore, Md.
Swindell, Wm., & Bros., engineers & contractors, Jenkins Arcade Bldg., Pittsburgh, Pa.
Swineford, G. A., Co., agricultural implements, Canton, Ohio.
Swinehart Tire & Rubber Co., Akron, Ohio.
Swing, J. M., & Bro., canned goods, Greensboro, Md.
Swing, W. P., who. hdwe., Galena, Ill.
Swinger, Oliver, brick, Painter Creek, Ohio.
Swingle, J. A., Contrg. Co., contractors, Zanesville, Ohio.
Swingle, J. S., granite, Quincy, Mass.
Swint Bros. Stone Co., Fremont, Ohio.
Swint, Reineck & Co., whol. hdwe., Fremont, Ohio.
Swinton & Co., fndrs., Port Jervis, N. Y.
Swirsky, F., & Co., architects, University Bldg., Detroit, Mich.
Swirsky & Miller, architects, Herberich Bldg., Akron, Ohio.
Swisher, L., Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.
Swisher, R. D., Mfg. Co., rubber stamps, 415 S. Clinton, Chicago, Ill.
Swisher, S. P., masons' & bldrs.' matls., Danville, Ill.
Swiss Colors Co., chemicals, 80 5th av, New York.
Switzer, C. M., furnaces, Butler, Ohio.
Switzer, Geo. J., contr., Litchfield, Conn.
Swoop Julian M., castings, engines, forgings, etc., 913 Girod, New Orleans, La.
Swope, Geo. A., potteries, Lancaster, Pa.
Swope, Hy. R., battery motors, 120 N. 7th, Philadelphia, Pa.
Sword, G. W., & Son, contractors, Lanark, Ill.
Swoyer Bros. Brick Co., Allentown, Pa.
Sybilla E. Elev. Co., Chattanooga, Tenn.
Sybilla Elev. & Mach. Co., clamps & hoists, 214 W. Ontario, Chicago, Ill.
Sybilla Elev. & Mfg. Co., elec. hoists, Chattanooga, Tenn.
Sycamore Preserve Wks., Sycamore, Ill.
Sydnor Pump & Well Co., machinery dealer, 1310 E. Main, Richmond, Va.
Syefried, E. A., contractor, 3702 Collins av, Cincinnati, Ohio.
Sykes Bros., machsts. & fndrs., Burlington, N. C.
Sykes Co., awnings, cornices, iron, etc., 930 W. 19th pl, Chicago, Ill.
Sykes, Geo. Co., Inc., contractor, 70 E. 45th, New York.
Sykes Metal Lath & Rfg. Co., Niles, Ohio.
Sykes Milling Co., flour, Cleveland, Tenn.
Sykes, S., & Son, contractors, Scranton, Pa.
Sykes Steel Roofing Co., ceilings, doors, windows, etc., 930 W. 19th pl, Chicago, Ill.
Sykes, W. F., & Co., aniline colors, etc., 8 Lispenard, New York.
Sylacauga Fertilizer Co., Sylacauga, Ala.
Syleecau Mfg. Co., machsts. & fndrs., Rock Hill, S. C.
Syles, Thos., masons' & bldrs.' matls., 59 Flushing av, Jamaica, N. Y.
Syliaasen & Sando, contractors, Downs Bldg., Seattle, Wash.
Sylvan Cotton Mills, Shelbyville, Tenn.
Sylvania Stone Co., Toledo, Ohio.
Sylvester, C. F., & Co., tex. machy. supplies (weavers' combs), Fall River, Mass.
Sylvester Co., iron rolling mills, 141 Milk, Boston, Mass.
Sylvester, Edmund Q., architect, 8 Beason, Boston, Mass.
Sylvester, L., & Son, contrs., Aurora, Ill.
Sylvia Larned Milling Co., flour, Sylvia, Kansas.
Symansky Bros., scrap brass & iron, Troy, N. Y.
Symington, T. H. Co., 233 Broadway, N. Y.
Symmers, Jno. H., stone, S. Blvd. & 141st, New York.
Symmes, H. H., contractor, Indianapolis, Ind.
Symonds Blower Wks., fans, blower, etc., 93 Center Malden, Mass.
Symonds, O. P., & Sons, packing box, Reading, Mass.
Symonds Register Co., St. Louis, Mo.
Symonds, Wm. H., architect, Saranac Lake, N. Y.
Symons Bros. Co., machsts., Evanston, Ill.
Symons Clamp Co., 2116 S. Sawyer av, Chicago, Ill.
Symons, J. P., Co., machsts. & fndrs., Centralia, Wash.
Synder, H. V., & Son, contractors, Battle Creek, Mich.
Synder, M. L., & Sons, flour mills, Levels, W. Va.
Synthetic Products Co., liquid rubber substitute, Engineers' Bldg. Cleveland, Ohio.
Syracuse Archl. Iron Wks., Syracuse, N. Y.
Syracuse Auto. Radiator Co., Syracuse, N. Y.
Syracuse Basket Co., Syracuse, N. Y.
Syracuse Boiler Wks. Co., Syracuse, N. Y.
Syracuse Bridge Co., Syracuse, N. Y.
Syracuse Broom Co., Syracuse, N. Y.
Syracuse Candle Co., Syracuse, N. Y.
Syracuse Chilled Die & Casting Co., Syracuse, N. Y.
Syracuse Chilled Plow Co., agricultural implements, 111 Wyoming, Syracuse, N. Y.
Syracuse Crucible Steel Co., Syracuse, N. Y.
Syracuse Die Moulded Casting Co., Syracuse, N. Y.
Syracuse Faucet & Valve Co., Eastwood, N. Y.
Syracuse Gear Co., Syracuse, N. Y.
Syracuse Heater Co., Syracuse, N. Y.
Syracuse Industrial Gas Co., Syracuse, N. Y.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Syracuse Ornamental Co., casket trimmings, Syracuse, N. Y.
Syracuse Pharmacal Co., mfg. chemists, Syracuse, N. Y.
Syracuse Pottery, 713 E. Division, Syracuse, N. Y.
Syracuse Raw Hide Mfg. Co., cut gears, Syracuse, N. Y.
Syracuse Rendering Co., fertilizer mfrs., Syracuse, N. Y.
Syracuse Safe Co., Syracuse, N. Y.
Syracuse Screen & Grille Co., North Manchester, Ind.
Syracuse Stamping Co., Inc., sheet metal stampings & typewriter ribbon spools, 422 S. West Syracuse, N. Y.
Syracuse Stove Wks., warm air furnaces, Syracuse, N. Y.
Syracuse Supply Co., mill facty. & electrical supplies, machy. dlrs., Syracuse, N. Y.
Syracuse Trunk Co., Syracuse, N. Y.
Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
Syracuse Unit Brick Co., Syracuse, N. Y.
Syracuse Univ., engng. school & coll., Syracuse, N. Y.
Syracuse Wall Plaster Co., Syracuse, N. Y.
Syracuse Washer Corp., clothes washing machs., Syracuse, N. Y.
Syracuse Wire Works, bank & office railings, etc., 101 University av, Syracuse N. Y.
Syracuse Wrench Co., valve grinders & lifters, 325 W. Fayette, Syracuse, N. Y.
Syska Bros., auto. wood bodies, 46 Bergen, Brooklyn, N. Y.
System Magazine, trade publication, 5 N. Wabash av, Chicago, Ill.
Syze, J. F., carriage rims, Yorktown Heights, N. Y.
Szel Import & Export Co., spark plugs, 393 B'way, New York.
Szukalski, Thos., bldg. contr., 1089 Am., Milwaukee, Wis.
T. & W. Electrical Mfg. Co., attachment plugs, 4503 Ravenwood av, Chicago, Ill.
Taber & Baxter, architects, Gurney Bldg., Syracuse, N. Y.
Taber-Bigelow Co., mill & facty. supplies, 304 Mission, San Francisco, Cal.
Taber & Co., marble, 1 Hudson, New York.
Taber Lumber Co., Keokuk, Ia.
Taber Pump Co., horse clipping machines, Buffalo, N. Y.
Taber & Reid, cornices & skylights, Augusta, Me.
Taber, Wellington W., architect, Everson Bldg., Syracuse, N. Y.
Tabernash Lbr. Co., Tabernash, Colo.
Tablet & Ticket Co., labels & building directories, 624 W. Adams, Chicago, Ill.
Tabor Mfg. Co., fdry. machy., 18th, Hamilton, Phila., Pa.
Tabor Mfg. Co., molding & machy., 18th & Hamilton, Phila., Pa.
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.
Tabor, T. O., & Sons, fertilizer, Elberton, Ga.
Taborga, Rafael, imp. of ores, 233 B'way, New York.
Tabulating Machine Co., tabulating machines mfrs., 50 Broad, New York.
Tackett, W. A., architect, Sherman, Tex.
Tacks Mfg. Co., paste, Utica, N. Y.
Tacoma Dredging Co., Tacoma, Wash.
Tacoma Fdy. & Mach. Co., Tacoma, Wash.
Tacoma Fir Door Co., lumber mfrs., Tacoma, Wash.
Tacoma Grain Co., flour mills, Tacoma, Wash.
Tacoma Mill Co., lumber, tie, poles & posts, 310 Sansome, San Francisco, Cal.
Tacoma Millwork Supply Co., sash, door & blind mfrs., Tacoma, Wash.
Tacoma Pile Driving & Constr. Co., Tacoma, Wash.
Tacoma Ry. & Power Co., mchsts. & fndrs., Tacoma, Wash.
Tacoma & Roche Harbor Lime Co., Roche Harbor, Wash.
Tacoma Sheet Metal Works, cornices & skylights, Tacoma, Wash.
Tacoma Shipbldg. Co., Tacoma, Wash.
Tacoma Smelting Co., electrolytic copper refiners, Tacoma, Wash.
Tacoma Trading Co., masons' & bldrs.' matls., Tacoma, Wash.
Tacony File & Hdwe. Co., 6744 Wissinoming, Philadelphia, Pa.
Tacony Steel Co., Franklin Bank bldg, Philadelphia, Pa.
Taddey, Adolph G., bldg. contr., 744 46th, Milwaukee, Wis.
Taddey, F. W., bldg. contr., 1705 Chestnut, Milwaukee, Wis.
Tafel, A. G., architect, Coleman bldg, Louisville, Ky.
Tafiinger, F., contr., Sidell, Ill.
Taft Fish Co., canned, Taft, Va.
Taft, J. H. & Co., imp. quick silver, 100 William, New York.
Taft, J. O., architect, 412 21st av, Seattle, Wash.
Taft, J. S. Co. See Hampshire Pottery, Inc. (successors).
Taft, John, lumber, West Dummerston, Vt.
Taft Machine Co., 229 Globe, Providence, R. I.
Taft Packing House, meat, Taft, Tex.
Taft-Pierce Mfg. Co., drilling jigs & thread milling machinery, Woonsocket, R. I.
Taft, S. H., lumber, 16 Hulbert Blk., Cincinnati, Ohio.
Taggart Bros. Co., paper mill & bag facty., Watertown, N. Y.
Taggart & Brown Co., bldrs., materials, Springfield, Ohio.
Taggart, John A., architect, 1539 E 65th pl, Chicago, Ill.
Taggart's Paper Co., Manila paper, Watertown, N. Y.
Tagliabue, Chas J., Mfg. Co., hydrometers, thermometers, etc., 18 33d, Brooklyn, N. Y.
Tagliabue, G. (Est. of), thermometers, hydrometers, 302 Pearl, New York.
Tague, Jas. E. & Co., lbr., 10th & Columbus av, Phila., Pa.
Tahara Co., burnishing machines, Glenwood & N. Amer., Philadelphia, Pa.
Tahlequah Mill & Elevator Co., flour, Tahlequah, Okla.
Taigman, M., rheostats, 462 W. B'way, New York.
Taintor, H. F., Mfg. Co., chalk mfrs. & saw sets, 2 Rector, New York.
Taintor Trading Company, Inc., chalks & clays, 24 State, New York.
Taisho Trading Co., Ltd., The, importers' metals & oils, 291 B'way, New York.
Tait, Geo. W., machst., Kearney, N. J
Tait, John H., Co., contractors, Battle Creek, Mich.
Tait Mfg. Co., mchsts. & fndrs., Kankakee, Ill.
Tait & Nordmeyer Eng. Co., International Life Bldg., St. Louis, Mo.
Tait & Nordmeyer Engng. Co., refrigeration engnrs., 1107-9H Clark av, St. Louis, Mo.
Tait & Sons Paper Co., Bridgeport, Conn.
Tait, Wm. O., architect, Rossmore av, Yonkers, N. Y.
Taite Ry. Signal Co., Coatesville, Pa.
Taize, Jacob. & Son, plumbers' tools, Philadelphia, Pa.
Takamine Commercial Corp., chemical importers, 120 B'way, New York.
Taku Canning & Cold Storage Co., Seattle, Wash.
Talbert-Whitmore Co., damask, Los Angeles, Cal.
Talbot Air Lift Co., wooden pumps, 335 N. 4th, Phila., Pa.
Talbot, Brooks & Ayer, mill & facty. supplies, wholesale hardware, 269 Middle, Portland, Me.
Talbot Bros. Co., lumber, Grosvenor Bldg., Providence, R. I.
Talbot Bros. & Horton Co., lumber, Grosvenor bldg. Providence, R. I.
Talbot, C. R. Co., iron forgings, Alfred & Sp. Grv. av, Cincinnati, O.
Talbot & Clark, pails & buckets, wood, Sandown, N. H.
Talbot Dyewood & Chemical Co., Lowell, Mass.
Talbot, F. M., Co., contractors, 1 Madison av, New York.
Talbot & Hubbard, wholesale hardware, Phoenix, Ariz.
Talbot Mills, woolen carriage cloth, North Billerica, Mass.

Talbot Packing & Preserving Co., Easton, Md.
Talbott, E. A., masons' & bldrs.' matls., Ellicott City, Md.
Talbott, H. E., Co., contractors, City Natl. Bank Bldg., Dayton, Ohio.
Talbott, M. A., Co., contractors, Rome, N. Y.
Talbott, Thos., & Son, cornices, 240 W. Water, Syracuse, N. Y.
Talbott, Wm. R., architect, 1314 F, N. W., Washington, D. C.
Talcott, W. O. & M. W., mill & factory supplies, 91 Sabin, Providence, R. I.
Tale Products Co., soapstone products, 11 Pine, New York.
Talge Mahogany Co., lumber mfrs., 1101 E. 13th, Indianapolis, Ind.
Talismanic Co., belt dressing, North Tonawanda, N. Y.
Talking Horn Co., Middletown, N. Y.
Talking Mach. World, trade publication, 373 4th av, New York.
Tall Timber Lbr. Co., Good Pine, La.
Talladega Fertilizer & Mfg. Co., Talladega, Ala.
Talladega Fdry. & Mach. Co., Talladega, Ala.
Tallahala Lbr. Co., Hammond, La.
Tallahassee Iron Works, Tallahassee, Fla.
Tallahassee Lbr. Co., Tallahassee, Fla.
Tallahatchie Lumber Co., Philipp, Miss.
Tallant, Hugh, architect, 125 E 46th, New York City.
Tallamy, B. F., & Bro., contractors, Plainfield, N. J.
Tallant & Graff, architects, 345 5th av, New York.
Tallant-Grant Packing Co., Astoria, Ore.
Tallapoosa Chemical Co., Alexander City, Ala.
Tallapoosa Lbr. Co., Tallassee, Ala.
Tallassee Falls Mfg. Co., cordage & twine, Tallassee, Ala.
Tallassee Oil & Gin Co., Tallassee, Ala.
Talley & Co., cutting oils, New Richmond, Ohio.
Talley, J. M., machinist & founder, Dade City, Fla.
Talley's, Thos. J., Sons, lumber, Land Title Bldg., Phila., Pa.
Tallmadge Hardware Co., mill & facty supps., 147 N. High, Columbus, Ohio.
Tallmadge, Thos. E., architect, 189 W. Madison, Chicago, Ill.
Tallmage, M. F., heating contractor, 80 Seneca, Buffalo, N. Y
Tallman, Albert V. W., crude rubber broker, 54 Stone, N. Y.
Tallman & Betts, architects, 17 Dill, Auburn, N. Y.
Talltimber Mfg. Co., lbr., Talltimber, Texas.
Tally-Ho Knitting Co., cardigans, sweaters, East Douglas, Mass.
Tally-Meter Co., Norwich, Conn.
Tally, W. B., architect, Cohen Bldg., Jacksonville, Fla.
Talmadge Mfg. Co., feeders, oils, valves, 1279 W. 3rd. Cleveland, Ohio.
Tama Brick & Tile Co., Tama, Ia.
Tamaqua Mfg. Co., machinists & founders, Tamaqua, Pa.
Tamm Bros. Glue Co., 600 S. Vandeventer av, St. Louis, Mo.
Tamm & Nolan Co., varnish, 151 Potrero av, San Francisco, Cal.
Tamms Silica Co., Stock Exchange Bldg., Chicago, Ill.
Tampa Dock Co., shipbldrs., Tampa, Fla.
Tampa Hardware Co., Tampa, Fla.
Tampa Machinery Exchange, mill & facty. supp., Tampa, Fla.
Tampa Shipbuilding & Engineering Co., Tampa, Fla.
Tampa Steam Ways Co., Tampa, Fla.
Tams, Lemoine & Crane, naval architects, 52 Pine, New York.
Tanck, F. M., Mfg. Co., machsts., 370 Atlantic av, Boston, Mass.
Tandreault, Jos., brick, Eliot, Me.
Tandy, V. W., architect, 1931 B'way, New York.
Tanger, J. C., Co., wholesale hardware, Hanover, Pa.
Tanis, E., & Son, contractors, Kalamazoo, Mich.
Tanis, Nicholas, contractor, Paterson, N. J.
Talismanic Co., belt dressing, N. Tonaroando, N. Y.
Tanite Co., machinists, Stroudsburg, Pa.
Task Equipment Co., 500 5th av, New York.
Tannenholz, B., Constr. Co., 56 Catherine, Detroit, Mich.
Tanner, B. F., contractor, Newport, R. I.
Tanner Bros., machinists & founders, Jefferson City, Mo.
Tanner Bros. Co., canned goods, Oakfield, N. Y.
Tanner, Charles, & Co., cornices & skylights, Staunton, Va.
Tanner, Chas. S., Co., tapioca flour, 250 S. Water, Providence, R. I.
Tanner & Co., whol. hdwe., 407 S. Penn., Indianapolis, Ind.
Tanner, Conrad, & Sons, carriages, St. Joseph, Mo.
Tanner, D. F., steel anti rattlers, harrows, springs, wagons, etc., Holland, N. Y.
Tanner Mill Co., flour, Tanner, W. Va.
Tanner, W. S., Paint Co., 1303 E. Main, Richmond, Va.
Tanner, Wm. F., & Co., electrical mfrs., 511 S. Sharp, Baltimore, Md.
Tanners Extract Co., bark, Charleston, W. Va.
Tanners Extract & Chemical Works, Inc., Mariners Harbor, Staten Island, N. Y.
Tanners' Hide & Tallow Co., fertilizer, Hagerstown, Md.
Tannewitz Wks., machinists, Grand Rapids, Mich.
Tanney Brick Co., Haverstraw, N. Y.
Tantau, Clarence A., architect, 519 California, San Francisco, Cal.
Tapager, Christian M., contractor, Albert Lea, Minn.
Taplex Corp., auto heaters, 87 35th, Brooklyn, N. Y.
Tapley, I. W., packing box, Haverhill, Mass.
Tapley Specialty Co., factory trucks, 47 W. 34th, New York.
Taplin Mfg. Co., hdwe. mfrs., New Britain, Conn.
Taplin-Rice-Clerkin Co., clay working machinery, Akron, Ohio.
Tappan, Frank E., architect, West Orange, N. J.
Tappan Hardware Co., Helena, Ark.
Tappan, W. H., masons' & bldrs.' matls., Baldwinsville, N. Y.
Tappenbeck, W., oils, varnish, etc., 106 Wall, New York.
Tappendorf, H. W., contr., Rock Island, Ill.
Tappendorff, Paul L., lbr., Sherwood, Ore.
Tappon, Robt, architect, 33 W 42d, New York City.
Tar Heel Mica Co., Plumtree, N. C.
Tar River Lbr. Co., Rocky Mount, N. C.
Tar River Oil Co., Tarboro, N. C.
Tarbell, E. H., Co., Elec. fix., 15 Washington, Boston, Mass.
Tarbett, W. A., & Co., machsts. & fndrs., 287 Atlantic av, Boston, Mass
Tarbox, A. & E., common brick, Yorkville, Ill.
Tarbox Broom Corn Co., Arcola, Ill.
Tarbox Lumber Co., Cedarville, Ohio.
Tarbox & McCall, stone producers, Findlay, Ohio.
Tarbox Mfg. Co., metal polish, New London, Conn.
Tarbox, O. S., granite, Red Beach, Me.
Tardie, E. J., batteries, flashlights, 156 5th av, New York.
Tardif, F., contractor, Nashua, N. H.
Tarentum Beveling & Mirror Wks., adv. purposes, Tarentum, Pa.
Tarentum Glass Co., Tarentum, Pa.
Tarentum Paper Mills, 2d Natl. Bk. Bldg., Pittsburgh, Pa.
Tariffville Oxygen & Chem. Co., Tariffville, Conn.
Tarr, Geo. C., tackle blocks, Gloucester, Mass.
Tarr, Geo. J., Co., fish oils, Gloucester, Mass.
Tarr, Jas. H., Co., paint mfrs., Gloucester, Mass.
Tarr & Wonson, paints, Gloucester, Mass.
Tarrant Fdry. Co., gray iron castings, 373 W. Grand av, Chicago, Ill.
Tarrant, Robt., machinist & fndr., 323 W. Illinois, Chicago, Ill.
Tartar Chemical Wks., 135 William, New York.
Tartt, J. E., lbr., Meridian, Miss.
Tashenberg Bros., boilers, 43 Illinois, Buffalo, N. Y.
Tasker, Geo. F., boot & shoe counter, Haverhill, Mass.
Tassey, Lewis, machinist, Alexandria, N. Y.
Tassini & Tassini, marble, 64 Mangin, New York.
Tate, C. L., & Co., canned goods, Arnold, Md.
Tate, E. H., Mop & Cordage Co., mops, dusters, dust cloths, stove pipe wire, etc., 67 Sudbury, Boston, Mass.
Tate & Fearing, lumber mfrs., Camden, Ark.
Tate Furn. Co., Dept H, High Point, N. C.
Tate, Geo. D., & Son, masons' & bldrs.' matls., Kokomo, Ind.
Tate, J. H., & Co., flour mills, Monticello, Ky.
Tate-Jones & Co., Inc., burners & furnaces, Empire Bldg., Pittsburgh, Pa.
Tate Mfg. Co., cloths, mops, rope, etc., 48 Hanover, Boston, Mass.
Tate, R. L., brooms—corn, Paducah, Ky.
Tate, W. C., & Son, flour, Centralia, Okla.
Tate, Wm. J. (Est. of), ice cream freezers, 3520 Mercer, Philadelphia, Pa.
Tatem, J. B., & Son, wood handles, Putnam, Conn.
Tatem, J. M., Handle Co., Eastford, Conn.
Tatham & Bros, solder, lead pipes, traps, etc., 261 Water, New York.
Tatlock Bros., soap, Rochester, N. Y.
Tatton, H., architect, 140 E. 49th, New York.
Tatum Bros., turpentine, Barberville, Fla.
Tatum Lumber Co., Hattiesburg, Miss.
Tatum, P. O., flour, South River, N. C.
Tatum, Sam'l C., Co., loose leaf devices, etc., Cincinnati, Ohio.
Tatum, W. M., Hardware Co., Corsicana, Tex.
Taub, H. L., cornices, Saginaw, Mich.
Tauber, Maurice & Co., furn., 2599 S, Archer av, Chicago, Ill.
Taubman, Charles, machst. & fndr., Lexington, Mo.
Taunton Crucible Works, Taunton, Mass.
Taunton Lumber Co., sash, door & blind, Brockton, Mass.
Taunton Nail Co., bill posters' tacks, Taunton, Mass.
Taunton-New Bedford Copper Co., copper & brass mfrs., Taunton, Mass.
Taunton Oil Cloth Co. See O'Bannon Corp. (successors).
Taunton Rivet Works, Taunton, Mass.
Taunton Rubber Co., heels, Taunton, Mass.
Taunton Spindle Co., tex. machy. supplies, etc., Taunton, Mass.
Tausch, Wm. F., contractor, Williamson Bldg., Cleveland, Ohio.
Tausche, V., Hardware Co., cornices & skylights, La Crosse Wis.
Taussig, Hugo, architect, 507 5th av, New York.
Taunton, Clarence A., architect, 251 Kearny, San Francisco.
Tavares, J. G., & Co., who., hdwe., 85 2d, San Francisco, Cal.
Taveniere & Johnson, contractors, Closter, N. J.
Tavern Rock Sand Co., 612 N. 2d, St. Louis, Mo.
Taws, Henry M., architect's supplies, 920 Arch., Phila., Pa.
Tay, Geo. H., Co., plumbers' supplies, jobbers, 599 Mission, San Francisco, Cal
Tay Pike Co., oil & gas well supplies, Coalinga, Cal.
Tayler & Spotswood Co., whol. hdwe., 19th & Minnesota, San Francisco, Cal.
Taylor, W. P., lumber, Winton, N. C.
Taylor, A. D., landscape architect, 1900 Euclid av, Cleveland, Ohio.
Taylor, A. G., contractor, 1151 W. 4th, N., Salt Lake City, Utah.
Taylor, Alfred H., 138 W. 65th, New York.
Taylor-Atkins Paper Co., Burnside, Conn.
Taylor, B. U., Co., masons' & bldrs.' matls., Oleon, N. Y.
Taylor Bedding Mfg. Co., Taylor, Tex.
Taylor Belting Co., 247 S. Meridian, Indianapolis, Ind.
Taylor, Bernard J., architect, 1958 Carroll, St. Paul, Minn.
Taylor & Boggis Foundry Co., junction boxes, Cleveland, Ohio.
Taylor & Bonta, architects, Gurney Bldg., Syracuse, N. Y.
Taylor Bros., masons' & bldrs.' matls., Camden, N. J.
Taylor Bros., canned goods, La Grange, Ky.
Taylor Bros. Brick Co., Redlands, Cal.
Taylor Bros. Co., draughting inks, rubber stamps, 706 Superior av, N. W., Cleveland, Ohio.
Taylor Bros. of Los Angeles, contrs., 7367 Sunset blvd., Los Angeles, Cal.
Taylor Burner & Electroplating Co., Ltd., water heaters, 804 Duquesneway, Pittsburgh, Pa.
Taylor, Button Fuel Co., masons' & bldrs.' matls., Washington rd, Milwaukee, Wis.
Taylor, C. A., Trunk Works, 28 E. Randolph, Chicago, Ill.
Taylor, C. F., masons' & bldrs.' matls., Warren, Ill.
Taylor, C. F. Co., contrs., Camden, N. J.
Taylor, C. P., patterns & models, Rockford, Ill.
Taylor-Cannady Buggy Co., Oxford, N. C.
Taylor Card & Box Co., 196 W. Exchange, Providence, R. I.
Taylor Chair Co., Bedford, Ohio.
Taylor, Chas., masons' & bldrs.' matls., Funk, Ohio.
Taylor, Chas. E., masons' & bldrs.' matls., 1429 Cutter, Cincinnati, Ohio.
Taylor, Chas. F., mill & facty. supplies, 57 Weybosset, Providence, R. I.
Taylor, Chas. N., contractor, Wellesley, Mass.
Taylor, Chas., Sons Co., brick, 710 Burns, Cincinnati, Ohio.
Taylor, Chas. W., architect, New Castle, Ind.
Taylor Chemical Co., lime sulphur solution, Penn Yan, N. Y.
Taylor Coal & Coke Co., 819 Hickox Bldg., Cleveland, Ohio.
Taylor Co., Inc., lbr., Prospect, Va.
Taylor & Co., iron, steel, etc., castings, 680 Morgan av, Brooklyn, N. Y.
Taylor County Lbr. Co., Springdale, Fla.
Taylor & Crate, lumber, 2101 Elmwood, W., Buffalo, N. Y.
Taylor & Dean, architectural iron, etc., Penn av & 25th, Pittsburgh, Pa.
Taylor Disc Machine Co., machsts., Mansfield, Ohio.
Taylor Dredging Co., ft. Communipaw av, Jersey City, N. J.
Taylor, E. C., architect, 307 W 8th, Los Angeles, Cal.
Taylor, E. L., & Co., whol. hdwe., 9th & Carey, Richmond, Va.
Taylor, E. R., Co. See Taylor Chemical Co. (successors).
Taylor, Edwin, Lumber Co., Hartford, Conn.

Taylor Electric Truck Co., Troy, N. Y.
Taylor & Ellis, burlap, 485 B'way, New York.
Taylor-English Coal Co., Catlin, Ill.
Taylor, F. K., contractor, Schenectady, N. Y.
Taylor, F. R., & Co., cornices & skylights, Sterling, Ill.
Taylor & Fenn Co., machsts. & fndrs., Hartford, Conn.
Taylor Foundry & Engineering Co., Grass Valley, Cal.
Taylor, Frank W., & Son, steam htg. contrs., 259 S. 4th, Phila., Pa.
Taylor Fruit & Canning Co., Lockport, N. Y.
Taylor, Geo., Brass & Bronze Works, 22 Cherry, New York.
Taylor, Geo. T., Marine Ry. Corp., dry docks, Norfolk, Va.
Taylor, Gilbert D., metal polish, 3828 S. State, Chicago, Ill.
Taylor & Goericke, contractors, Postal Tel. Bldg., San Francisco, Cal.
Taylor-Goodwin Co., masons' & bldrs.' matls., Haverhill, Mass.
Taylor, H. D., Co., whol. hdwe., 103 Oak, Buffalo, N. Y.
Taylor, H. P., architect, Union City, Tenn.
Taylor, Halsey W., Co., drinking fountains, Warren, Ohio.
Taylor, Harvey B., architect, Cornwall, N. Y.
Taylor, Harvey R. Building Corp., Cornwall, N. Y.
Taylor, Hy W., sanitation engr., 154 Nassau, New York.
Taylor, I. R., & Co., contractors, Asbury Park, N. J.
Taylor Instrument Co.'s, thermometers, etc., Rochester, N. Y.
Taylor-Iron Wks. & Supply Co., saw mill machy., mill & facty. supps., etc., Macon, Ga.
Taylor, J. D., Contr. Corp., contrs., 115 S. Salina, Syracuse, N. Y.
Taylor, J. E., & Co., canned goods, Santa Ana, Cal.
Taylor, J. I., contractor, Chester, Pa.
Taylor, J. M., machinists & founders, Andalusia, Ala.
Taylor, J. W. See Barnum, Wm. T. (successor).
Taylor, J. W., canned goods, Hallwood, Va.
Taylor, Jas. A., cornices & skylights, Highstown, N. J.
Taylor, Jas. K., architects, Northampton, Mass.
Taylor, Jas. L., Mfg. Co., clamps, Poughkeepsie, N. Y.
Taylor, Jas. P., contractor, Macleay Bldg., Portland, Ore.
Taylor, John A., contractor, Dunkirk, N. Y.
Taylor, John E., machsts. & fndrs., Nashville, Mich.
Taylor, Jno. R., & Co., mill & facty. supplies, Little Falls, N. Y.
Taylor & Kemp, flour mills, Prosser, Wash.
Taylor, L. E., & Co., loaders, 312 Flour Exchange, Minneapolis, Minn.
Taylor & Levi, architects, 105 W. 40th, New York.
Taylor, Lincoln, mill & facty. supplies, Stamford, Conn.
Taylor & Ginn, contrs., Zanesville, Ohio.
Taylor-Logan Co., paper & pulp mills, Holyoke, Mass.
Taylor, Lowenstein & Co., turpentine, Mobile, Ala.
Taylor Lumber Co., glass, Lafayette, Ind.
Taylor Machy. Co., 78 Batterymarch, Boston, Mass.
Taylor Machine Co., lathes, 7804 Carnegie av, Cleveland, Ohio.
Taylor Mfg. Co., machsts., Hartford, Conn.
Taylor Mfg. Co., port. fireproof garages, 219 Glenridge av, Montclair, N. J.
Taylor Mfg. Co., store & bar fixtures, Princeton, Ind.
Taylor Mfg. Co., weeders, Canton, Ohio.
Taylor Mattress Co., Salisbury, N. C.
Taylor Milling Co., flour, Taylor, Tex.
Taylor & Mosley, architects, 40 Wall, New York.
Taylor & Moss, ties, poles & posts, Danville, Ky.
Taylor, N. & G., Co., mfrs. roofing slate, forging, steel, etc., Mariner & Merchant Bldg., Philadelphia, Pa.
Taylor Oil Mill, meal, Taylor, Tex.
Taylor Paper Co., Dalziel bldg, Oakland, Cal.
Taylor-Parker Co., mill & facty. supplies, Norfolk, Va.
Taylor & Pearson, contractors, 196 Virginia av, Jersey City, N. J.
Taylor & Percival, mill & facty. supplies, Waltham, Mass.
Taylor Portable Steel Derrick Co., 215 W. Grand av, Chicago, Ill.
Taylor & Powell Fertilizer Co., Springfield, Tenn.
Taylor Provision Co., meat packers, Trenton, N. J.
Taylor, R. E. Lee, architect, Union Trust Bldg., Baltimore, Md.
Taylor, R. W. & Co., lbr., Harleton, Texas.
Taylor, Robert J., crucible mfr., 1900-16 Callowhill, Phila., Pa.
Taylor, Robt., & Son, fndrs., Paterson, N. J.
Taylor & Robinson, contractors, Huntington, W. Va.
Taylor, Ronald, Co., flooring, paving blocks, 520 E. 20th, New York.
Taylor, S. G., Chain Co., 640 Marquette Bldg., Chicago, Ill.
Taylor-Shantz Co., dies—stamping, punching & embossing, etc., Rochester, N. Y.
Taylor, Smith & Taylor Co., crockery, East Liverpool, Ohio.
Taylor Steam Spec. Co., traps, Battle Creek, Mich.
Taylor, Stiles & Co., machsts. & fndrs., Riegelsville, N. J.
Taylor Snowly Co., whol. hdwe., 937 Fell, Baltimore, Md.
Taylor Supply Co., mill, facty. & steamfitters' supplies, 164 Larned, Detroit, Mich.
Taylor, T. S., masons' & bldrs.' matls., Guilford, Ind.
Taylor, Thos. B., flour mills, Jackson, Mich.
Taylor, Thos., & Sons, shoe goring, elastic webbing, Hudson, Mass.
Taylor, V. E., contractor, Huntington, W. Va.
Taylor, W. B., & Co., fndrs., Palmer, Mass.
Taylor, W. G., & Son, contractor, Atlantic, N. J.
Taylor, W. Hart, architect, 50 Bromfield, Boston, Mass., & Chelsea, Mass.
Taylor, W. O., masons' & bldrs.' matls., Lynchburg, Va.
Taylor, W. P., sash, door & blind mfr., Manasquan, N. J.
Taylor, W. P., Co., machsts. & fndrs., Ellicott sq, Buffalo, N. Y.
Taylor, W. W., carriages, Lockport, N. Y.
Taylor, W. W. & Sons, mattresses, Big Stone Gap, Va.
Taylor, Walter B., fndr., Worcester, Mass.
Taylor, Walter L., architect, Landsdowne, Pa.
Taylor, Welder Co., elcetric welding machine, Warren, Ohio.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Taylor, White Extracting Co., Camden, N. J.
Taylor, Wickham C., architect, Citizens' Bk. Bldg., Norfolk, Va.
Taylor, Wm., lamp guards, switches, 203 Broadway, New York.
Taylor, Wm. H., & Co., mill & facty. supplies, Allentown, Pa.
Taylor, Wm. J., Co., contractors, 5 E. 42d, New York.
Taylor, Wm. M., Mantel & Grate Co., bank fixtures, 331 S. High, Columbus, Ohio
Taylor, Wm. T. & Son, contrs., Wilsonville, Ala.
Taylor-Wilson Mfg. Co., machsts & fndrs., McKees Rocks, Pa.
Taylor & Buckingham, contrs., New Milford, Conn.
Taylor & Jackson, contrs., Call bldg, San Francisco, Cal.
Taylor & Levi, architects, 105 W. 40th, New York.
Taylor & Main, architects, Nasby bldg, Toledo, Ohio.
Taylorsville Mfg. Co., canned goods, Taylorsville, Ky.
Taylorsville Milling Co., flour, Taylorsville, N. C.
Tayntor, C. E., Granite Co., 29 W. 34th, New York.
T. & B. Brass Fdry. Co., Tacoma, Wash.
T. C. M. Mfg. Co., milling machines, Harrison, N. J.
Tea & Coffee Trade Journal, 79 Wall, New York
Teach, Wm., cornices, Appleton, Wis.
Teachout, A., Co., sashes, doors & blinds, 331 Prospect av, N. W., Cleveland, Ohio.
Teachout, H. E., Boiler Works, E. 37th & Erie R. R., Cleveland, Ohio.
Teachout Sash, Door & Glass Co., 100 W. Spring, Columbus, O.
Teague Hardware Co., Montgomery, Ala.
Teague, J. C., architect, Daly Bank Bldg., Butte, Mont.
Teahen, Jas. M., water closet tanks, etc., 43 Fort, Detroit, Mich.
Teal, Chas. A., barrel, etc., elevators, mortar mixers, 1361 Ridge av, Philadelphia, Pa.
Teas, Paul, advertising counsellor, Guardian Bldg., Cleveland, O.
Teasley & Son, fertilizer, Bowman, Ga.
Tebbets, E. L., Spool Co., Locke Mills, Me.
Tebo Yacht Basin Co., machsts & fndrs., Ft. 23rd, Brooklyn, N. Y.
Technical Publicity Co., advertising counsellors, Pittsburgh, Pa.
Technical Supply Co., stationers' spec., Scranton, Pa.
Tecktonius, E. C., Mfg. Co., machsts., Racine, Wis.
Tecla Elec'l laboratory, flashers, 195 Cass av, Detroit, Mich.
Tecumseh Coal & Mining Co., Terre Haute, Ind.
Tecumseh Gravel Co., sand & gravel dlrs., Tecumseh, Mich.
Tecumseh Oil & Cotton Co., meal, Sherman, Tex.
Tedeschi & Tedeschi, granite producers, etc., 632 Boulevard, Astoria, New York.
Tedewater Cross Arm & Conduct Co., Tacoma, Wash.
Teegarden, Edw. C., contractors, St. Joseph, Mo.
Teegardin, J. W., & Co., brick & tile, Duvall.
Teetors Adding Machine Co., Des Moines, Ia.
Teel, Eldridge & Co., carriages, Medford, Mass.
Teele Soap Co., Cambridge, Mass.
Teeling, Walter W., architect, Rensselaer, N. Y.
Teeple, Jno E., chemists, 50 E. 41st, New York.
Teeple, W. S., machsts & fndrs, Wellsburg, W. Va.
Teesdale, Lawrence V., architect, 6949 Prairie av, Chicago, Ill.
Teeter-Hartley Motor Co., Hagerstown, Ind.
Teetzel Well Wks., well drilling machy., Terre Haute, Ind.
Tegetmeier & Riepe Co., auto. wood bodies, 771 1st av, New York.
Tegge Lbr. Co., 700 Pk., Milwaukee, Wis.
Tegtmeyer Box & Lumber Co., 1828 S. Canal, Chicago, Ill.
Tegufilm Chemical Mfg. Co., boiler preservative, Syracuse, N. Y.
Teich Curt & Co., advtg cards, envelopes, blotters, etc., 1745 Irving Park blvd, Chicago, Ill.
Teich, Frederich J., architect, 305 S. La Salle, Chicago, Ill.
Teichart & Ambrose, contractors, Sacramento, Cal.
Teichman, Robt., architect, 66 Beaver, New York.
Teisen, Axel V., architect, 3133 Logan block, Chicago, Ill.
Telautograph Corp., telegraph instrs., 448 W 37th, New York
Tele-Call Co., factory & office signals, 5604 Cedar av, Cleveland, Ohio.
Telegraph & Telephone Age, trade publication, 253 B'way, New York.
Telelectric Co., pianos, 280 Madison av, New York.
Telephone Roller Mill Co., Telephone, N. C.
Telephony Publishing Co., 116 S. Michigan av, Chicago, Ill
Telescope Cot Bed Co., 535 E. 79th, New York.
Telescope Mine Mach. Co., Pittston, Pa.
Telgler Bros., brick., Dayton, Ohio.
Tell City Canning Co., Tell City, Ind.
Tell City Desk Co., Tell City, Ind.
Tell City Foundry & Machine Works, Tell City, Ind.
Tell City Planing Mill, sash, door & blind, Tell City, Ind.
Tell City Spoke Co., Tell City, Ind.
Teller, E. J., & Son, machinists, Henderson, Tex.
Teller, Myron, architect, Kingston, N. Y.
Teller, Myron S., architect, 53 E 44th, New York.
Teller, R. K., kitchen knives, etc., Unadilla, N. Y.
Tellers-Kent Organ Co., Erie, Pa.
Tellico River Lbr. Co., Tellico Plains, Tenn.
Telschow, Fred, contractor, Michigan City, Ind.
Temblett, Wm. H., architect, 861 Lakeview rd, Cleveland, O.
Temco Electric Motor Co., Leipsic, O.
Temescal Rock Co., Corona, Cal.
Temin, Wm., & Son, canned goods, Hartley, Del.
Tempest Brick Co. (Ltd.), McKeesport, Pa.
Tempest & Terment, machsts., Monongahela, Pa.
Templar Motors Corp., Halstead & N. Y. C. RR. Cleveland, O.
Temple, Adams & Sons, flour mills, Maxonmill, Ky.
Temple Art Glass Co., 404 W. Erie, Chicago, Ill.
Temple Bros., whol. marble & granite, Rutland, Vt.
Temple & Burrows, architects, Davenport Savings Bank Bldg., Davenport, Ia.
Temple Coal Co., anthracite, Scranton, Pa.
Temple Cotton Oil Co., Temple, Ga.
Temple, Harry R., architect, Champaign, Ill.
Temple, Harry R., architect, Linclon bldg, Antioch, Ill.
Temple Lbr. Co., Pineland, Texas.
Temple Malleable Iron & Steel Co., Harrison Bldg., Phila., Pa.
Temple Mfg. Co., chain pumps, N. 22d & S. 54th, Chicago, Ill.
Temple Slag Co., Land Title Bldg., Philadelphia, Pa.
Temple, Thos. P., cornices, Waterbury, Conn.
Temple Univ., engng. schools & coll., Philadelphia, Pa.
Templeman's Millinn & Canning Co., Templeman Cross Roads, Va.
Templeton, Charles A., Inc., builders' & general hardware, iron & steel, mill, factory & automobile supplies & agricultural implements, batteries & bothery supplies, wholesale, Waterbury, Conn.
Templeton, Kenly & Co., Ltd., jacks, 1020 So. Central av, Chicago, Ill.
Templeton Lime Co., 1019 N. Homan av, Chicago, Ill.
Templeton Limestone Co., Templeton, Pa.
Templeton Mfg. Co., steam traps, Hyde Park, Mass.
Tempus Reclaiming Mfg. Co., baling presses, 25 North Seventh, Philadelphia, Pa.
Ten Broeck & Huber, elec. light baths, X-ray app., etc., 214 E. 23rd, New York.
Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.
Ten Eyck Pump Co., air pumps, 141-49 W. 62d, Chicago, Ill.
See adv. index at end of book.
Ten Mile Lumber Co., Ten Mile, Miss.

Tenacity Mfg. Co., loose leaf devices, Reading, Ohio.
Tenant, A. W., flour mills, Morgantown, W. Va.
Teneo Co., Inc., snap fasteners, 116 W. 32nd, New York.
Tengwall Co., loose leaf devices, 2954 Sheffield av, Chicago, Ill.
Tenion Stone Co., Tenino, Wash.
Tenison Bros. Saddlery Co., Dallas, Tex.
Tenk Hardware Co., Quincy, Ill.
Tenn Furn. Mfg. Co., dept. H, Memphis, Tenn.
Tennant, C., Sons & Co. of New York, acids, oils, pig iron, etc., 100 William, New York.
Tennant & Hoyt Co., feed, flour, Lake City, Minn.
Tennant, Sherman (Est. of), clothes pins, Northville, N. Y.
Tennent, H. C., Supply Co., mill & factory supplies, Augusta, Ga.
Tennes & Greenwell, contractors, Owensboro, Ky.
Tenn. Brick & Tile Co., Dyersburg, Tenn.
Tenn. Burner Mfg. Co., gas burner tips, Chattanooga, Tenn.
Tenn. Cement & Lime Co., Nashville, Tenn.
Tenn. Chemical Co., fertilizer, Nashville, Tenn.
Tenn. Coal, Iron & R. R. Co., Birmingham, Ala.
Tenn. Coffin & Casket Co., Chattanooga, Tenn.
Tenn. Consolidated Coal Co., Tracy City, Tenn.
Tenn. Copper Co., 61 Broadway, New York.
Tenn. Fibre Co., Memphis, Tenn.
Tenn. Hoop Co., Memphis, Tenn.
Tenn. Lime & Sand Co., Knoxville, Tenn.
Tenn. Line & Twine Co., Elizabethton, Tenn.
Tenn. Lumber Mfg. Co., Pottsville, Pa.
Tenn. Lumber & Coal Co., oak flooring, 2nd Nat'l. Bank Bldg., Cincinnati, Ohio, and Glen Mary, Tenn.
Tenn. Metal Culvert Co., Nashville, Tenn.
Tenn. Mill & Mine Supply Co., Knoxville, Tenn.
Tenn. Oak Flooring Co., Nashville, Tenn.
Tenn. Producers' Marble Co., Knoxville, Tenn.
Tenn. Stove Works, Chattanooga, Tenn.
Tenn. Wire & Iron Works, Memphis, Tenn.
Tenney, A. E., Mfg. Co., machsts., Pawtucket, R. I.
Tenney & Co., garden cultivators, Decatur, Ill.
Tenney-Morse Co., mill & facty. supps., 143 Pearl, Boston, Mass.
Tenning, L. T., switches, Jackson, O.
Tennis, A. H., shoe sewing machs., 47 E. 19th, New York.
Tennis Co., contrs., 32-3 4th av, Pittsburgh, Pa.
Tennis, Edgar M., masons' & bldrs.' matls., Phoebus, Va.
Tennis, F. L., contractor, Hampton, Va.
Tennison Bros., conductor pipe, shingles, Houston, Tex.
Tennison, G. E., patternmakers' fillet, 311 Main, Cincinnati, O.
Tenold Hdwe. Co., mill & facty. supps., Northwood, Ia.
Tensas Cooperage Co., Memphis, Tenn.
Tension Envelope Co., 87 34th, B'klyn, New York.
Terabentine Co., turpentine substitute, Commercial Trust Bldg., Philadelphia, Pa.
Terhaar & Mundle, glass stainers, 433 William, Buffalo, N. Y.
Terhune, Edgar A., architect, cor. Hudson av & Linden pl, Red Bank, N. J.
Terhune, J. I., Machine Works, Paterson, N. J.
Terhune Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Terhune's, B., Sons, lumber mfrs., Bradfordsville, Ky.
Terkelsen & Wennberg, chuck mfrs., 328 A, Boston, Mass.
Termaat & Monohan Mfg. Co., elec. lighting systems, Oshkosh, Wis.
Terminal Elec. Co., transformers, 658 11th av, New York.
Terminal Machine Co., dealers, 404 Broome, New York.
Ternan & White, lumber, 20th & Erie, Philadelphia, Pa.
Terre Haute Advtg. Co., spec., Terre Haute, Ind.
Terre Haute Boiler Works Co., Terre Haute, Ind.
Terre Haute Bronze & Brass Foundry, Terre Haute, Ind.
Terre Haute Casket Co., Terre Haute, Ind.
Terre Haute Furnace & Sheet Metal Co., cornices, Terre Haute, Ind.
Terre Haute Gas Fixture Co., Terre Haute, Ind.
Terre Haute Handle Co., Terre Haute, Ind.
Terre Haute Heavy Hardware Co., Terre Haute, Ind.
Terre Haute Machine Works, Terre Haute, Ind.
Terre Haute Malleable & Mfg. Co., castings, Terre Haute, Ind.
Terre Haute National Bedding Co., excelsior & mattress mfrs., Terre Haute, Ind.
Terre Haute Paper Co., Dayton, Ohio.
Terre Haute Pressed Brick Co., Terre Haute, Ind.
Terre Haute Rag & Metal Co., scrap iron & steel, Terre Haute, Ind.
Terre Haute Vitrified Brick Co., Terre Haute, Ind.
Terrell, W. C., brick, Greenville, Ala.
Terrell's Equipment Co., Grand Rapids, Mich.
Terrien, A., & Co., contractors, Richmond, Vt.
Terriff Perfect Washer Co., Portland, Mich.
Terrill Bros., carriages, Rahway, N. J.
Terry, Andrew, Co., mchsts. & fndrs., Terryville, Conn.
Terry Bros. Co., brick, Kingston, N. Y.
Terry Constr. Co., 607 W. 51st, New York.
Terry, Harry W., architect, Endicott bldg, St. Paul, Minn.
Terry Mfg. Co., cranes, derricks, etc., Grand Central Terminal bldg, New York.
Terry, R. T., brick & tile, Leipsic, Ohio.
Terry Steam Turbine Co., Hartford, Conn.
Terry & Tench Co., steel contractors, Grand Central Terminal, New York.
Terry, W. E., Lumber Co., Galesburg, Ill.
Terry & Williamson, machsts., 43 Sedgwick, Brooklyn, N. Y.
Terryberry, Austin, Palladio Bldg., Duluth, Minn.
Terwedo Mfg. Co., cornices, Oshkosh, Wis.
Terwilliger, D. W., architect, 1 W. 34th, New York.
Terwilliger Floor Mfg. Co., 607 W. 43rd, New York.
Terwilliger & Sohn, architects, 452 5th av, New York.
Terwillinger, A. H., & Son, masons' & bldrs.' matls., Waterloo, N. Y.
Terwillinger's, I., Son, masons' & bldrs.' matls., Ossining, N. Y.
Tesch, G. D., architect, 23 Whitman, Jersey City, N. J.
Tesch, Wm., mill & facty. supplies, whol. hdwe., Appleton, Wis.
Tesmer, R. C., stone producers, 5835 Winthrop, Chicago, Ill.
Tessmer Mach. & Tool Co, cutters, 1425 Rivard, Detroit, Mich.
Tetley-Klein Lumber Co., Farmington, Mo.
Tetzlaff, Wm., flaxseed, 652 31st, Milwaukee, Wis.
Tetzlaff, H., masons' & bldrs.' matls., Watertown, Wis.
Teufel-Kloess Co., contractors, Belleville, Ill.
Teuffer, Chas., cornices, 4816 W. Erie, Chicago, Ill.
Teuscher & Son Machinery Supply Co., 527 N. 2d, St. Louis, Mo.
Teutsch, Carl M., architect, 4231 Lake Park av, Chicago, Ill.
Texarkana Brick Co., Texarkana, Ark., & Texarkana, Tex.
Texarkana Casket Co., Texarkana, Tex.
Texarkana Pipe Wks., Texarkana, Ark.
Texarkana Pipe Wks., sewer pipes, Texarkana, Texas.
Tex. Acetylene Co., generators, Cleburne, Tex.
Tex. Anchor Fence Co., see Tex. Cyclone & Fence Co., (successors).
Tex. Arm & Pin Co., Beaumont, Tex.
Tex. Bag & Fibre Co., Houston, Tex.
Tex. Bithulithic Co., Dallas, Tex.
Tex. Bridge Co., structural steel work, Dept. H, Weatherford, Texas.
Tex. Brass Mfg. Co., Dallas, Texas.
Tex. Builders' Supply Co., Beaumont, Tex.
Tex. Cake & Linter Co., Dallas, Tex.
Tex. Cement Plaster Co., Oklahoma, Okla.
Tex. Co., machsts., Bayonne, N. J.
TEXAS CO., oils, greases & cements, Houston, Tex., & 17 Battery pl, New York. *See adv. index at end of book.*
Tex. Coffin Co., Waco, Tex.
Tex. Cons. Co., architects, Swearingen-McCraw Bldg., San Antonio, Tex.
Tex. Cotton Mill Co., denims, awning stripes, McKinney, Tex.
Tex. Cyclone Fence Co., Ft Worth, Texas.
Tex. Disc Plow Co., Dallas, Tex.
Tex. Glass & Paint Co., Dallas, Tex.
Tex. Grading Co., Houston, Tex.
Tex. Gulf Sulphur Co., 50H East 42d, New York.
Tex. Heavy Hdwe. Co., mill & facty. supps., Ft. Worth, Tex.
Tex. Implement Mfg. Co., McGregor, Texas.
Tex. Longleaf Lbr. Co., New Willard, Tex.
Tex. & La. Lbr. Co., Houston, Tex.
Tex. Mfg. Co., mill & facty. supplies, Fort Worth, Tex.
Tex. & Pacific Coal & Oil Co., brick, Thurber, Tex.
Tex. Portland Cement Co., Dallas, Tex.
Tex. Press Brick Co., Ferris, Tex.
Tex. Shipbuilding Co. See Texas Steamship Co. (successor).
Tex. Star Flour Mills, Galveston, Tex.
Tex. State Rice Miling Co., Houston, Tex.
Tex. Steam Engine Wks., Texarkana, Tex.
Tex. Steamship Co., ship bldrs., Bath, Me.
Tex. Supply Co., mill & facty. supps., Beaumont, Tex.
Tex. Tank & Culv. Co., Fort Worth, Tex.
Textile Advance News, 334 4th av, New York.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Textile Leather Co., Inc., artificial imitation leather, 212 Fifth av, New York.
Textile Machine Works, Reading, Pa.
Textile Mfrs. Journal, 1113 Broadway, New York.
Textile Mill Supply Co., Charlotte, N. C.
Textile Products Mfg. Co., tents, bunting, etc., Park av & Dolman, St. Louis, Mo.
Textile Shield Co., metal stamping, 250 Lowell, Lawrence, Mass.
Textile Tube Co., paper sleeves, Fall River, Mass.
TEXTILE WORLD, 334 4th av, New York. *See adv. index at end of book.*
Textileather Co., artificial imitation leather, 212 5th av, New York.
Thacher, A. Q., Contr. Co., 6 Jefferson av, Toledo, Ohio.
Thacher Propeller & Fdry. Co., Albany, N. Y.
Thacker, F. L., machinist, Los Angeles, Cal.
Thackery, J. H., & Son, brick, Broadway, Ohio.
Thain, T. T., architect, Fayetteville, N. C.
Thairwall, Wm. C., & Co., silk thread, 504 Albany, Boston, Mass.
Thal, Ed., architect, Nicholas bldg, Toledo, Ohio.
Thames River Specialties Co., paper & pulp mills, Montville & Uncasville, Conn.
Thames Tow Boat Co., New London, Conn.
Thane Lbr. Co., Arkansas City, Ark.
Thanhouser Film Corp., New Rochelle, N. Y.
Tharpe Hdwe. & Mfg. Co., Monroe, N. C.
Thatcher, A. Q., Contr. Co., Marine Bldg., Toledo, Ohio.
Thatcher Bros., machsts. & fndrs., Mattoon, Ill.
Thatcher, F. M., lbr., Stirling City, Cal.
Thatcher Furnace Co., 131 W. 35th, New York.
Thatcher, Jno., & Son, contractors, 60 Park av, Brooklyn, N. Y.
Thatcher-Kerwin Glass Co., 515 Spruce, St. Louis, Mo.
Thatcher Mfg. Co., dairy apparatus & glass bottles, Elmira, N. Y.
Thatcher Milling & Elevator Co., flour, Logan, Utah.
Thatcher-Rueter Mfg. Co., dies, etc., Cleveland, Ohio.
Thauwald, C. F., & Co., wood mantels, 1224 Harrison av, Cincinnati, Ohio.
Thayer Action Co., piano actions, Rockford, Ill.
Thayer, A. T., machsts. & fndrs., Akron, N. Y.
Thayer, C. C. & A. L., architects, New Castle, Pa.
Thayer & Chandler, air brushes, 913 W. Van Buren, Chic., Ill.
Thayer & Co., machsts, 111 B'way, New York.
Thayer, E. M., & Co., chemicals, 36 Purchase, Boston, Mass.
Thayer, Ezra W., mill & facty. supplies—whol. hdwe., Phoenix, Ariz.
Thayer, Foss Co., patent lthr., 15 South, Boston, Mass.
Thayer Foundry Co., Atchison, Kan.
Thayer, Geo. A., automatic wood turnings, Watson, Mass.
Thayer, H. N., Co., children's bicycles, carriages, vehicles & velocipedes, Erie, Pa.
Thayer, Henry & Co., chemicals, Cambridge, Mass.
Thayer, Hy. S., lumber, Ridgway, Pa.
Thayer, Horace H., Jr., landscape & naval architects, 140 N. Broad, Philadelphia, Pa.
Thayer Mfg. Co., machsts. & fndrs., Williamsburg, Mass.
Thayer, O. A., architect, 89 Franklin, Boston, Mass.
Thayer, O. C., & Son, masons' & bldrs.' matls., Erie, Pa.
Thayer, O. R., architect, 110 Sutter, San Francisco, Cal.
Thayer, P. E., & Co., buffing wheels, cloth brushing machs., etc., Pawtucket, R. I.
Thayer School of Civil Engng., Dartmouth Coll., engng. school & coll., Hanover, N. H.
Thayer Supply Co., mill & facty. & plumbers' supplies—jobbers, Atchison, Kan.
Thayer, T. W., Co., machsts., sash, door & blind mfrs., 18 B'way, New York, & Cazenovia, N. Y.
Thayer & Thayer Mercantile Bldg., New Castle, Pa.
T. H. & B. Chemical Co., rubber substitutes, 500 1st, So. Boston, Mass.
Theall, W. L., contractor, Newburgh, N. Y.
Theanoil Mfg. Co., belt dressing, 2744 N. 24th, Philadelphia, Pa.
Theberge Bros., mason & bldrs.' matls., Lawrence, Mass.
Thelling Lothmann Mfg. Co., sash, door & blind mfrs., 3810 N. 9th, St. Louis, Mo.
Thels', Peter, Sons, marble, onyx, 636 1st av, New York.

Theise, Fred, Mfg. Co., rattan furniture, 176 Commercial, Boston, Mass.
Theisen & Co., contrs., Great Falls, Mont.
Theiss, Henry, machinist, Columbiana, Ohio.
Thelen Bros., archl. iron, Syracuse, N. Y.
Theobold, Gustave A., contractor, 624 Spain, New Orleans, La.
Thermal Appliance Co., water heaters, 420 W. 27th, New York.
Thermal Syndicate (Ltd.), chemical app.—casseroles, crucibles, 50 E. 41st, New York.
Thermex Silencer Wks., marine mufflers, 6 Lewis, Boston, Mass.
Thermo Elec. Regulator Co., 151 W. 22nd, Chicago, Ill.
Thermo Electric Investment Co., 8H Johnson, Newark, N. J.
Thermograde Valve Co., heat regulators, 247 Atlantic av, Boston, Mass.
Thermoid Rubber Co., Trenton, N. J.
Thermophore Mfg. Co., gas heaters, Kalamazoo, Mich.
Theroy Co., solidified alcohol stoves & burners, 233 B'way, New York.
Theurer-Norton Provision Co., meat packers, 3136 W. 63d, Cleveland, O.
Theurer, Otto A., contractor, Watertown, Mass.
Thew Shovel Co., Lorain, Ohio.
Thibaut, Richard E., wall paper mfrs., 153 Madison av, New York.
Thibaut & Walker Co., varnish mfrs., 9th & West av, Long Island City, N. Y.
Thibodaux Boiler Works Co., Ltd., Thibodaux, La.
Thibodeaux Fdry., Thibodeaux, La.
Thief River Falls Iron Wks., machsts. & fndrs., Thief River Falls, Minn.
Thief River Falls Lbr. Co., Security Bk. Bldg., Minneapolis, Minn.
Thielbar, Fred J., architect, 104 S. Michigan av, Chicago, Ill.
Thiele Constr. Co., Johnstown, Pa.
Thiele, E., clays, minerals, etc., 11 Cliff, New York.
Thiele, I. A., Co., tin plate, metals, etc., Evansville, Ind.
Thiele, L. C., Co., hot air furnaces, Indianapolis, Ind.
Thielman, C., contractor, Laurium, Mich.
Thieme, Fred R., architect, 619 81st, Brooklyn, N. Y.
Thiene, P. G., architect, 112 W. 9th, Los Angeles, Cal.
Thiery & Kendrick Mfg. Co., machsts. & fndrs., 660 Franklin, Detroit, Mich.
Thies & Thies, architects, Davies Bldg., Dayton, Ohio.
Thiesen & Hildred Co., masons' & bldrs.' matls., Napoleon, O.
Thill, A. P. Co., plumbers' supplies, 1035 Putnam av, Brooklyn, N. Y.
Thilmany Pulp & Paper Co., Kaukauna, Wis.
Thines, Wm. B., architect, Commonwealth Bldg., Trenton, N. J.
Thissell, Horace A., architect, Clinton, Mass.
Thisslew, Chas., architect, 14 W. Washington, Chicago, Ill.
Thistle Fdry. & Mach. Co., Graham, Va.
Thistle Mfg. Co., clothes washing machines, 5716 Armitage av, Chicago, Ill.
Thistle Mills, cotton duck & canvas, Ilchester, Md.
Thistlewaite Lumber Co., Ltd., Washington, La.
Thlinket Packing Co., canned goods, Yeon Bldg., Portland, Ore.
Thode & Harvis, architects, 406 9th, Brooklyn, N. Y.
Thogmartin & Gardiner, contrs., Fort Scott, Kans.
Thoma, E., & Co., elec. fixture mfrs., Phoenix, Ariz.
Thoman, F., Milling Co., wheat flour, Lansing, Mich.
Thomas, A. C., Guthrie Construction Co., bldg. contr., Shubert Bldg., St. Paul, Minn.
Thomas, A. H., Paint Co., Waverly, N. Y
Thomas, A. J., architect, 27th, Elmhurst, Long Island, N. Y.
Thomas, Albright, Co., machsts., Goshen, Ind.
Thomas & Almquist, fndrs., Superior, Wis.
Thomas, Andrew J., architect, 2526 Webster av, New York
Thomas & Armstrong Co., cornices & skylights, London, O.
Thomas, Arthur H., Co. laboratory apparatus, W. Washington sq, Philadelphia, Pa.
Thomas, B. F., Lumber Co., Carthage, Mo.
Thomas & Betts Co., clamps, boxes, bushings, benders, etc., 63 Vesey, New York.
Thomas Bros., canned goods, Elliston, Va.,
Thomas Bros., contractors, Peru, Ind.
Thomas Bros., & Co., Ltd., masons' & bldrs.' matls., 406 Empire, Detroit, Mich.
Thomas & Brown, machinists & founders, New London, Wis.
Thomas, Buckwalter & Co., stove linings mfrs., Royersford, Pa.
Thomas, C. E., architect, Hagerman Bldg., Colo. Springs, Colo.
Thomas, C. F., & Co., contrs., Louisville, Ky.
Thomas, C. M., architect, Clinton, Ind.
Thomas Canning Co., Grand Rapids, Mich.
Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
Thomas, Chas., stone prod., 1103 S. State, Syracuse, N. Y.
Thomas, Chas., machinist, Elmira, N. Y.
Thomas, Chauncey, & Co., auto bodies & carriages, Blandford, Boston, Mass.
Thomas & Co., church & lodge furniture, wood carvers, Worcester, Mass.
Thomas, D. D., & Son, contractors, Memphis, Tenn.
Thomas, E. R., Motor Car Co., Buffalo, N. Y.
Thomas Elevator Co., electric hoists, etc., 20 South Hoyne, Chicago, Ill.
Thomas Engineering Works, Portland, Ore.
Thomas, F. A., Co., watchman's portable clocks, Wells Fargo Bldg., San Francisco, Cal.
Thomas Flexible Coupling Co., Erie, Pa.
Thomas, Frederick, architect, 135 N. Kenwood av, Baltimore, Md.
Thomas Furnace Co., 740 Kinnickinnic av, Milwaukee, Wis.
Thomas, G. C., & Bros., stone producers, Waterloo, N. Y.
Thomas, G. E., cornices, Duquesne, Pa.
Thomas, G. H. A., Co., lumber, Broad & Poydras, New Orleans, La.
Thomas, G. H., & Co., canned goods, Farmington Falls, Me.
Thomas Grate Bar Co., Birmingham, Ala.
Thomas, H., sashes, doors & blinds, Columbia, S. C.
Thomas, H. D., & Son, contractor, New Albany, Ind.
Thomas, H. L., masons' & bldrs.' matls., Newman, Ill.
Thomas-Hammond Mach. Co., Tacoma, Wash.
Thomas Hardware Co., Suffolk, Va.
Thomas, Harlan, architect, Arcade Bldg., Seattle, Wash.
Thomas & Hobro Co., contractors, 340 Howard av, New Haven, Conn.
Thomas & Hughes, contractors, Utica, N. Y.
Thomas-Huycke Co., masons' & bldrs.' matls., Oliver, Ark.
Thomas, I. P., & Son Co., fertilizer mfrs., Drexel Bldg., Philadelphia, Pa.
Thomas Iron Co., blast furnaces, Hokendauqua, Pa.
Thomas J., Lumber Co., masons' & bldrs.' matls., Topeka, Kan.
Thomas, Jacob, Co., wall paper mfrs., Newark, Del.
Thomas, Jas., fertilizer mfr., Williamsport, Pa.
Thomas, Jeffrey P., landscape architect, 615 6th, Watervliet, N. Y.
Thomas, Jno. Hudson, architect, 1st Natl. Bk. Bldg., Berkeley, Cal.
Thomas, John R., contractor, Wilkes-Barre, Pa.
Thomas, Jos., & Son, sash, door & blind mfrs., Leadenhall & Henrietta, Baltimore, Md.
Thomas-Kinzey Lumber Co., Johnstown, Pa.
Thomas, L. H., Co., writing inks, paste, etc., W. Congress & S. Peoria, Chicago, Ill.
Thomas, Lee A., architect, Selling Bldg., Portland, Ore.
Thomas, Lewis W., architect, Flint, Mich.
Thomas, M. O., contractor, Sedalia, Mo.
Thomas Mach. Co., Keokuk, Ia.
Thomas Mach. Co., shears, Elmira, N. Y.
Thomas Mfg. Co., chalk mfrs., 117 W. Camden, Baltimore, Md.
Thomas Mfg. Co., talking machines, motors & parts, Dayton, O.
Thomas Mfg. Co., agricultural implements, Springfield, Ohio.
Thomas Milling Co., flour, Marion, Ind., & Thomas, Okla.
Thomas-Morse Aircraft Co., aeronautical motors, Ithaca, N. Y.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
Thomas-Ogilvie Hardware Co., Shreveport, La.
Thomas, Oscar G., Co., machsts. & fndrs., Taunton, Mass.
Thomas, Otto, architect, 354 Fulton, Jamaica, N. Y.
Thomas, Peter, Co., account registers & stamping wks., Canton, Ohio.
Thomas, Philip, Sons Co., lbr. mfrs., 1621 Kemble, Utica, N. Y.
Thomas & Proetz Lbr. Co., Hall & Angelrodt, St. Louis, Mo.
Thomas, R. L. & Co., Inc., plbrs.' & steam fitters' supplies, Charlottesville, Va.
Thomas, R. N., Co., pegs—husking, Shenandoah, Iowa.
Thomas, R. & Sons Co., porcelain spec., insulators, East Liverpool, Ohio.
Thomas, Rees, masons' & bldrs.' matls., Sumas, Wash.
Thomas, Roberts, Stevenson, Co., see Cox, Abram, Stove Co. (successors).
Thomas Rod Co., fishing rods, Bangor, Me.
Thomas, Roy L., architect, Scarborough Bldg., Austin, Tex.
Thomas, S. C., canned goods, Weems, Va.
Thomas, Seth, Clock Co., candlesticks, clocks & metronomes, Thomaston, Conn.
Thomas Slate Co. (Ltd.), roofing slate mfrs., Slatedale, Pa.
Thomas Spacing Machine Co., tables, Glenshaw, Pa.
Thomas Stationery Mfg. Co., Springfield, Ohio.
Thomas Steel Reinforcement Co., concrete reinfg. matls., Majestic bldg, Detroit, Mich.
Thomas, T., & Co., door & house locks & knobs, 144 Mulberry, Newark, N. J.
Thomas, T. R., box mfrs., Dept. H, Bristol, Vt.
Thomas & Turner, contractors, Knoxville, Tenn.
Thomas, Tysilio, architect, Short Hills, N. J.
Thomas, W. A., architect, Park Bldg., Pittsburgh, Pa.
Thomas, Wm. B., architect, 402 Grand av, Oakland, Cal.
Thomas, W. F., machsts., Connell, Wash.
Thomason, W. J., lumber, Vivian, La.
Thomas, W. W., & Co., kainit, 15 Whitehall, New York.
Thomas, W. & W. E., flour, Milford, N. J.
Thomas, Wm. E., & Co., yacht sails, spray hoods, etc., 42 South, New York.
Thomas, Wm. F., contractor, Hazleton, Pa.
Thomas & Allen, architects, 25 S. 5th, Terre Haute, Ind.
Thomaston Cotton Mills, Thomaston, Ga.
Thomaston Knife Co., pocket knives, Thomaston, Conn.
Thomaston Mfg. Co., screw machine products, Thomaston, Conn.
Thomasville Fertilizer Co., Thomasville, Ga.
Thomasville Iron Works, Inc., posts, Thomasville, Ga.
Thomasville Spoke Wks. Co., Thomasville, N. C.
Thomasville Stone & Lime Co., Thomasville, Pa.
Thomasville Veneer & Panel Co., Thomasville, N. C.
Thompkin & Beyers, masons' & bldrs.' matls., Hastings-Upon-Hudson, N. Y.
Thompson, A., & Co., flour mills, Trenton, N. J.
Thompson, A. D., Co., contrs., Peoria, Ill.
Thompson, A. J., Stone Co., Ellettsville, Ind.
Thompson, Albert N., & Co., lumber, Memphis, Tenn.
Thompson, Albert T., & Co., arc lamps, reflectorscopes, etc., 15 Tremont pl, Boston, Mass.
Thompson & Alexander, contrs., White Plains, N. Y.
Thompson, B., contr., Tampa, Fla.
Thompson, B. N., Co., lumber, 620 Lbr. Ex., Minneapolis, Minn.
Thompson Balance Co., Denver, Colo.
Thompson-Bonney Co., woven wire brushes & machy. dlrs., 18 Henry, Brooklyn, N. Y.
Thompson Bottle Co., Gas City, Ind.
Thompson & Bremer, metal novelties, screw mach. products & spec. machy., 850 S. Canal, Chicago, Ill.
Thompson Bros., canned goods, Cabool, Mo., & East Haddam, Conn.
Thompson Bros., steam htg. contrs., Milnor, Phila., Pa.
Thompson Bros., machinists, 625 Brannan, San Francisco, Cal.
Thompson Bros. Canning Co., Marshfield, Mo.
Thompson Bros. Co., cornices & skylights, Muscatine, Ia.
Thompson Bros., contrs., Atlantic City, N. J.
Thompson Bros. Lbr. Co., Trinity, Tex.
Thompson, C. B., architect, Mutual Life bldg, Seattle, Wash.
Thompson, C. C., & Co., alfalfa meal, 43 S. 11th, Newark, N. J.
Thompson, C. C., Pottery Co., East Liverpool, Ohio.
Thompson, C. L., architect, Mutual Life bldg, Seattle, Wash.
Thompson, C. M. Co., mill & facty. supps., 348 N. Clark, Chicago, Ill.
Thompson, Chas., brick, Painesville, Ohio.
Thompson & Chute Soap Co., Toledo, Ohio.
Thompson & Co., oil well supplies, Mount Jewett, Pa.
Thompson & Co., paints, 857 W. North av, Pittsburgh, Pa.
Thompson Co., traps (fly), Red Oak, Ia.
Thompson, Durkee Co., plumbers' supplies, jobbers, 92 High, Boston, Mass.
Thompson, Dwight, lumber, House Bldg., Pittsburgh, Pa.
Thompson, E. J., architect, Hornell, N. Y.
Thompson, E. J., Co., auto. metal bodies, Forbes & Field, Pittsburgh, Pa.
Thompson, E. M., granite, Fitzwilliam Depot, N. H.
Thompson, E. R., architect, Home Sav. & Loan bldg, Youngstown, Ohio.

Thompson, Edw., masons' & bldrs.' matls., 916 Thayer, New Orleans, La.
Thompson Elec. Clock Co., Memphis, Tenn.
Thompson Elec. Co., cut-out hangers, 5606 Euclid, Cleveland, O.
Thompson Emery Mach. & Supply Co., 235 E. 41st, New York.
Thompson, F. A., & Co., fumigators, 532 Trombley av, Detroit, Mich.
Thompson, Ferd, & Co., shoe blacking, Rockland, Mass.
Thompson & Fleith Lbr. Co., Wausau, Wis.
Thompson Floor Co., 2209 Sutter, San Francisco, Cal.
Thompson & Ford Lbr. Co., Grayburg, Tex.
Thompson Francis Stove Co., Gallipolis, Ohio.
Thompson, Fdk. W., Co., sash, door & blind mfrs., Norwalk, Conn.
Thompson, G. A., & Sons, packing box mfrs., Hurlock, Md.
Thompson, Geo., mason, Hartford, Conn.
Thompson, Geo. E., contr., Vermont, Ill.
Thompson, Geo. I., & Co., contractors, Clearfield, Pa.
Thompson, Geo. T., masons' & bldrs.' matls., Canandaigua, N. Y.
Thompson Grinder Co., Springfield, Ohio.
Thompson, H. C., Clock Co., machsts., Bristol, Conn.
Thompson, H. D., & Co., masons' & bldrs.' matls., whol. hdwe., Malone, N. Y.
Thompson, H. G., & Son Co., hack saw blades & metal cutting machinery mfrs., New Haven, Conn.
Thompson & Harding, architects, Little Rock, Ark.
Thompson Hardware Co., Lowell, Mass.
Thompson, Hervey, machsts, 233 B'way, New York.
Thompson & Hoague Co., mill & facty. supplies, whol. hdwe., Concord, N. H.
Thompson, Hubman & Fisher, lumber mfrs., North Tonawanda, N. Y.
Thompson, Hugh, Broom Corn Co., 920 W. 8th, Kansas City, Mo.
Thompson Iron Wks., range boilers, 1825 Callowhill, Phila., Pa.
Thompson, J. A., sashes, doors & blinds, Taylor, Tex.
Thompson, J., & Co., machsts. & fndrs., Van Horn & Sophia, Philadelphia, Pa.
Thompson, J. D. & Co., cornices & skylights, 2611 Pennsylvania av, Washington, D. C.
Thompson, J. L., lumber, Lyons, Ga.
Thompson, J. P., contractor, 204 Goffe, New Haven, Conn.
Thompson, J. & S. S., masons' & bldrs.' matls., Elizabeth, N. J.
Thompson, J., & Sons, brick, Fortuna, Cal.
Thompson, J. W., contrs., Boatmen's Bank Bldg., St. Louis, Mo.
Thompson, Jas., lbr., Hookset, N. H.
Thompson, Jas. A., cloth boards, boxes, Lowell, Mass.
Thompson, Jas., & Co., bags, book cloth, twine, etc., 112 Prince, New York.
Thompson, Jas., & Sons, masons' & bldrs.' matls., Bay, Stapleton, N. Y.
Thompson, Jno. D., Jr., architect, Ford Bldg., Wilmington, Del.
Thompson, John A., architect, 105 W. 40th, New York.
Thompson, John L., Son & Co., plate glass, Troy, N. Y.
Thompson, John N., contractor, New Rochelle, N. Y.
Thompson, Jos. F., lumber, West Townsend, Mass.
Thompson, Jos. P., contractor, 46 Smith ter, Stapleton, N. Y.
Thompson, Jos., & Son, stone, Englewood, N. J.
Thompson, L. A., Scenic Railway Co., 220 W. 42d, New York.
Thompson, L. C., whol. hdwe., Pottsville, Pa.
Thompson, Leon C., brooms, Concord, N. H.
Thompson-Levering Co., elec. instruments, 325 Arch, Phila., Pa.
Thompson, Lewis C., Co., mill & facty. supps., Pottsville, Pa.
Thompson, Lewis & Co., lumber, N. American Bldg., Phila., Pa.
Thompson, Lewis I., architect, Central Bldg., Portland, Ore.
Thompson & Libby, heaters, Lynn, Mass.
Thompson & McAtee, carriages, Maysville, Ky.
Thompson, M. G., architect, Muncie, Ind.
Thompson Machy. Co., dlrs., Union Arcade, Pittsburgh, Pa.
Thompson Mfg. Co., lawn sprinklers, etc., 2468 E. 8th, Los Angeles, Cal.
Thompson Mfg. Co., mill & facty. supplies, Lancaster, N. H.
Thompson Mfg. Co., plumbers' wood work, Holland, Mich.
Thompson & Matthews Co., contractors, Red Bank, N. J.
Thompson-Miler Hardware Co., Charleston, S. C.
Thompson Milling Co., flour, cereal foods, Lockport, N. Y.
Thompson, N. E., architect, Panken bldg, Spokane, Wash.
Thompson & Norris Co., corrugated paper mfrs., 212 Concord, Brooklyn, N. Y.
Thompson, O. E., & Sons, agricultural implements & masons' & bldrs.' matls., 400 River, Ypsilanti, Mich.
Thompson Oil & Supply Co., mill supplies, Dept. H, 800 Depot, Oshkosh, Wis.
Thompson Plow & Engine Wks., agrl. implements, Beloit, Wis.
Thompson, R. M., flour mills, Bethpage, Tenn.
Thompson, R. R., bronze powder, 90 West, New York.
Thompson, Richard, & Co., grate bar mfrs., regulators, cleaners, etc., 146H Liberty, New York.
Thompson-Starrett Co., contrs., 49 Wall, New York
Thompson, T. C., & Bros., contractors, Charlotte, N. C.
Thompson, T. H., veneer, Milan, Ind.
Thompson, T., Mfg. Co., lightning rods, Brighton, Ia.
Thompson, T. W., flour mills, Knoblick, Ky.
Thompson, Thos. C., enamels, Wilmette, Ill.
Thompson, Thos. S., architect, Carbondale, Ill.
Thompson Type Machine, 233 W. Erie, Chicago, Ill.
Thompson, W. A. L., Hardware Co., contrs. tools, Topeka, Kans.
Thompson, W. F., architect, 971 S. Westmoreland av, Los Angeles, Cal.
Thompson, Wade, & Co., lumber mfrs., Scottsville, Ky.
Thompson, Walter I., & Son Co., contractors, 6110 Euclid av, Cleveland, Ohio.
Thompson, Walter M., mill & facty. supplies, 1427 Plum, Cincinnati, Ohio.
Thompson, Warner R., sand & gravel producers, Kerr Bldg., Detroit, Mich.
Thompson, Weinman & Co., barytes, Cartersville, Ga.
Thompson, Wm. E., & Son, contractors, Anderson, Ind.
Thompson, Wm. R., contr., 825 Marcey av, Brooklyn, N. Y.
Thompson, William Stuart, architect, 381 4th av, New York.
Thompson & Wills, brick mfrs., Royersford, Pa.
Thompson's, C. M., Sons, machsts., Lexington, N. C.
Thompson's Carbolic Soap Co., sheep dips, 46 Eagle, Brooklyn, N. Y.
Thompson's, Sam'l, Nephew & Co., burlap, 142 Duane, New York.
Thomsen Planing Mill Co., sash, door & blind mfrs., 1700 Vandeventer av, St. Louis, Mo.
Thomsen Chemical Co., Munsey Bldg., Baltimore, Md.
Thomsen Frederick W., architect, 1949 Seminary, Chicago, Ill.
Thomsens, T. J., Foundry, Duluth, Minn.
Thomson, A. H., & Son, masons' & bldrs.' matls., Coshocton, O.
Thomson, Alex., boilermakers' tools, Fitchburg, Mass.
Thomson Bridge Co., 103 Main, San Francisco, Cal.
Thomson-Diggs Co., whol. hdwe., Sacramento, Cal.
Thomson Drop Forge Co., chisels, forgings, etc., Plantsville, Conn.
Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.
Thomson, G., & Son Co., contractors, 30 N. La Salle, Chicago, Ill.
Thomson & Graves, architects, Hammond, Ind.
Thomson, H. B., architect, Southwestern Life Bldg., Dallas, Tex.
Thomson, J. & A., heating contractors, 1232 W. 11th, Cleveland, Ohio.
Thomson, Jos., Press Co., Nott av, Long Island City, N. Y.
Thomson, Judson L., Mfg. Co., rivet mfrs., etc., Waltham, Mass.
Thomson, L., & Co., lumber mfrs., Albany, N. Y.
Thomson Machine Co., Belleville, N. J.
Thomson Machine Co., jigs, machsts., etc., Canton, Ohio.
Thomson Mfg. Co., bow rests, Watertown, Mass.
Thomson Meter Co., water meters, 110 Bridge, Brooklyn, N. Y.
Thomson-Reiber Implement Co., whol. hdwe., Crowley, La.
Thomson, Robert, & Co., architects, 704 Carrie, & 607 Pope av, St. Louis, Mo.
Thomson, Robt., & Co., architect, 704 E. Carrie av, St. Louis, Mo.
Thomson, S. H., Mfg. Co., hdwe. mfrs., Dayton, Ohio.
Thomson Spot Welder Co., Lynn, Mass.
Thomson, Theo. S. (Est. of), ties, poles, etc., Thompsontown, Pa.
Thomson, Volney, carriages, Center Montville, Me.
Thomson, W. H., & Co., steel struct. dlrs., Land Title Bldg., Philadelphia, Pa.
Thomson Wood Finishing Co., paint mfrs., 329 N. 3d, Philadelphia, Pa. *See adv index at end of book.*
Thoner & Martens, machsts., 127 Purchase, Boston, Mass.
Thonet Bros., revolving chairs, 43 W. 36th, New York.
Thorburn, J. M., & Co., fertilizer mfrs., 53 Barclay, New York.
Thorburn, Thos., bldg. contr., Duluth, Minn.
Thordarson Electric Mfg. Co., transformers, coils, magnets, igniters, etc., 501 S. Jefferson, Chicago, Ill.
Thoresen, Thorgils, architect, 4231 Lake Park av, Chicago, Ill.
Thoresen, Wm., sheet metal ornaments, 1916 W. North av, Chicago, Ill.
Thorkildsen-Mather Co., acid, borax, saltpetre, etc., Harris' Trust Bldg., Chicago, Ill.
Thorman, O. H., & Co., archts., 1st Natl. Bk. Bldg., El Paso, Tex.
Thorn Cement Co., Prudential Bldg., Buffalo, N. Y.
Thorn, J. S., Co., ventilating apparatus, etc., 20th & Allegheny av, Phila., Pa.
Thorn, Louis F., architect, 18 S. Broadway, Yonkers, N. Y.
Thorn, W. W., contractor, St. Clair, Pa.
Thornburgh Mfg. Co., machinists—agricultural implements, Bowling Green Ohio.
Thorndike Co., cotton duck, etc., Thorndike, Mass.
Thorndike Co., tickings, 72 Franklin, Boston, Mass.
Thorndike & Hix, canned goods, Rockland, Me.
Thorne, A. Thomson, architect, Tulsa, Okla.
Thorne, Edwin C., architect, 321 W. 3d, Los Angeles, Cal.
Thorne, H. K., architect, Devon, Pa.
Thorne Hold-Fast Metal Bar Co., store front construction, Troy, N. Y
Thorne, R. M., architect, Renton, Wash.
Thorne, W. K., contr., Coatesville, Pa.
Thornhill Bros., masons' & bldrs.' matls., Xenia, Ohio.
Thornhill, J. H., contractor, Winchester, Ind.
Thornhill Wagon Co., Lynchburg, Va.
Thornley Supply Co., mill & facty. supps., Pawtucket, R. I.
Thornton Bros. & Co., canned goods, Springboro, Pa.
Thornton Bros. Co., contractors, 1320 Findlay av, New York.
Thornton-Clancey Lbr. Co., 2315 Elston av., Chicago, Ill.
Thornton Fire Brick Co., Clarksburg, W. Va.
Thornton & Ginder, contrs., Arcola, Ill.
Thornton, H. Newton, architect, Idaho Falls, Idaho.
Thornton, John, Jr., harness awls, needles, 108 Worth, New York
Thoroughgood & Co., lumber, Janesville, Wis.
Thoroughgood Co., masons' & bldrs.' matls., Georgetown, Del.
Thorp, A., & Son, Crate Co., Roseville, Ohio.
Thorp, Alfred H., Esq., archt., Seabright, N. J.
Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.
Thorp, W. B., & Co., Masons' mtls., Dept. H, Water & Ann, Wilmington, N. C.
Thorpe, J. F., & Son, contrs., 525 Market, San Francisco, Cal.
Thorpe, Richard, Co., cotton damasks, 1657 Meadow, Philadelphia, Pa
Thrasher, R. H., canned goods, Springwood, Va.
Thread Agency, 260 W. Broadway, New York.
Thread Tight Co., pipe joint cements, compounds & paste, 288 Bowery, New York.
Threadcraft, E. C., matresses, Norfolk, Va.
Threading Machine Co., pipe threading machines, Sandusky, O.
Threadless Pipe Fitting Co., 50 Columbia, Newark, N. J.
Three Forks Portland Cement Co., Denver, Colo.
Three-In-One Oil Co., lubrg., 165 Broadway, New York.
Three Lakes Lbr. Co., Three Lakes, Wash.
Three Rivers Brass Wks., Three Rivers, Mich.
Three Rivers Iron & Metal Co., scrap iron & steel, Three Rivers, Mich.
Three Rivers Mach., Tool & Die Corp., couplings & flexible shafts, Phoenix, N. Y.
Three Rivers Packing Co., meat packers, Three Rivers, Mich.
Three Rivers Paper Co., Phoenix, N. Y.
Three Rivers Railway Supply Co., machsts. & fndrs., Three Rivers, Mich.
Three Star Slide Co., lantern slide mfrs., 30 E. Randolph, Chicago, Ill.
Three States Cedar Co., 1102 Plymouth Bldg., Minneapolis, Minn.
Three States Lumber Co., Memphis, Tenn.
Threefoot Bros. & Co., fertilizer & harness mfrs., Meridian, Miss.
Threewit, Benj. F., masons' & bldrs.' matls., Denver, Colo.
Threlkeld, M. C., contr., 65 Market, San Fransisco, Cal.
Thresher Varnish Co., Dayton, Ohio.

Threshers' & Millers' Supply Co., facty. supplies, 359H E. Main, Decatur, Ill.
Throm, Chas. F., trough mfr., Toledo, Ohio.
Throop College of Technology, engng. schools & coll., Pasadena, Cal.
Throop-Martin Co., sash, door & blind mfrs., 139 E. Chestnut, Columbus, Ohio.
Thrope, F. M., Mfg. Co., bag holders, broom holders, horse muzzles, etc., Larmar, Mo.
Thropp, Jos. E., blast furnaces, etc., Earlston, Pa. (P. O. Everett, Pa.)
Thropp, Wm. R., & Sons' Co., rubber machy., etc., Trenton, N. J.
Thropp's, Jno. E. Sons Co., rubber mill, cement, etc., machy., ft. of Lewis, Trenton, N. J.
Thrower, D. E., lumber, Ridgeville, S. C.
Thrush, E. H., lumber, Camas Valley, Ore.
Thrush, Herbert, carriages, Shippensburg, Pa.
Thrush, Perry R., contractor, Lemcke Bldg., Indianapolis, Ind.
T. & H. Supply Co., advtg. spec., Oneida, N. Y.
Thuener, Chas., Planing Mill Co., sash, door & blind mfrs., Prairie & Lucky, St. Louis, Mo.
Thum, Chas. D., brushes, boiler cleaners, etc., 150 N. 3d, Philadelphia, Pa.
Thum, O. & W., Co., fly paper, Grand Rapids, Mich
Thumb, E. W., carriage top dressing, floor oils, etc., 872 Orleans, Chicago, Ill.
Thurlow Steel Works, iron forgings, Chester, Pa.
Thurman, J. C., contractor, El Monte, Cal.
Thurman Mfg. Co., knitted gloves, bathing suits, sweaters, etc., 427 Ashmead, Philadelphia, Pa., & Madera, Cal.
Thurman Vacuum Cleaner Co., Pontiac Bldg., St. Louis, Mo.
Thurman, W. M., architect, 102 McLendon av, Atlanta, Ga.
Thurmond Bros., flour, Forsyth, Ga.
Thurnauer, G. M. Co., gas burner tips, carpet & egg beaters, brushes, etc., 6 E. 20th, New York.
Thurnauer, Otto, gas lamps, etc., 28 W. 22nd, New York.
Thurner, Jos. J., contractor, 798 Crescent, Long Island City, N. Y.
Thurstin, W. G., architect, Spitzer bldg, Toledo, Ohio.
Thurston, A. G., & Son, mchsts., Fall River, Mass.
Thurston & Braidich, tragacanth imports, 27 Cliff, New York.
Thurston Bros., coffins, etc., So. Union, Me.
Thurston & Co., contractors, 57 Post, San Francisco, Cal.
Thurston, H. T., Co., machsts., Boothbay Harbor, Me.
Thurston & Hale, cornices & skylights, Rockport, Mass.
Thurston & Haskell, contractors, Elmira, N. Y.
Thurston Manual Training Supply Co., cabinet hdwe., Anoka, Minn.
Thurston Mfg. Co., machinery & tool mfrs., 140 Benedict, Providence, R. I.
Thurston, Oscar, masons' & bldrs.' mtls., Darby, Pa.
Thurston, W. P., Co., htg. contrs., 1103H S. Main, Richmond, Va.
Thurtell, B. W., steam traps, 22 Quincy, Chicago, Ill.
Thurton, J. K., contractor, 101 Park av, New York.
Thurwachter, L. L., & Sons, clothes baskets, 215 W. Fayette, New York.
Thwing Instrument Co., pyrometers & electric testing instruments, 3339 Lancaster av, Phila., Pa.
Thye, John, contractor, Burlington, Ia.
Thye, M. P. & Co., elec. contrs., 225 E. 2d, Los Angeles, Cal.
Thym Cut Stone Co., Brannon av & Odell, St. Louis, Mo.
Tibbets Pacific Co., contractors, 16 California, San Francisco, Cal.
Tibbits, Chas. H., masons' & bldrs.' matls., Portchester, N. Y.
Tiberi, John, contr., 6245 S. Parkside av, Chicago, Ill.
Tichenor, F. C., Gear Works, Peoria, Ill.
Tickell, Jos., & Son, fndrs., Vicksburg, Miss.
Tickle, Arth., mchst. & fndr., 21 Delevan, Bklyn., N. Y.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Ticonderoga Pulp & Paper Co., 200 5th av, New York.
Tide-Water Bldg. Co., 16 E. 33rd, New York.
Tidewater Coal & Coke Co., Vivian, W. Va.
Tidewater Iron Works, machsts., Hoboken, N. J.
Tide Water Mill Co., lbr., Eatonville, Wash.
Tidewater Mill Co., lbr., Florence, Ore.
Tidewater Oil Co., 11 B'way, New York.
Tidewater Paper Mills Co., 32 33d, Brooklyn, N. Y.
Tidewater-Portland Cement Co., Calvert Bldg., Baltimore, Md.
Tidewater Stencil Works, Norfolk, Va.
Tidewater Supply Co., machinery dealer, Norfolk, Va.
Tidewater Supply Co., mill & facty. supps., Newport News, Va.
Tidey, F. W., saw benches or tables, Irvington, N. J.
Tidey, M. B., machy. dealer, 80 Warren, Newark, N. J.
Tidlow, Cliff, architect, Lockhaven, Pa.
Tie Co., tying devices, hooks, knives, etc., Unadilla, N. Y.
Tiebout, C. H., & Sons, hardware mfrs., 31 Grand, Brklyn., N. Y.
Tiebout, W. & J., hardware mfrs., 118 Chambers, New York.
Tiedeken, Theo. C., & Bro., carriages, Camden, N. J.
Tiedemann, Chas., Milling Co., flour, O'Fallon, Ill.
Tiedt & Markthaler, interior hardwood work, 506 Col. av, New York.
Tiemann, Geo., & Co., surgical instruments, 107 Park row, New York.
Tiernan, Luke, cornices, 1019 Chestnut, St. Louis, Mo.
Tierney Bros., scarp iron & steel, Streator, Ill.
Tierney, D. J., mill & facty. supps., 1620 W. Lake, Chicago, Ill.
Tierney, James E., mill & facty. supps., 131 Washington, Providence, R. I.
Tierney, P. J., Sons, lunch wagons, New Rochelle, N. Y.
Tietig & Lee, architects, Fourth Nat'l Bk. Bldg., Cincinnati, O.
Tietjen & Lang Dry Dock Co., machinists, Hoboken, N. J.
Tiffaney, R. E., architect, Carbondale, Pa.
Tiffany & Co., machinists, 5th av & 37th, New York.
Tiffany & Conrad, architects, Phelps Bk. Bldg., Binghamton, N. Y.
Tiffany Elec. Mfg. Co., self winding clocks, Ellicott sq, Buffalo, N. Y.
Tiffany Enamel Brick Co., Momence, Ill.
Tiffany, Hall & Co., Inc., 2d hand elec. machy., 7th & Adams, Hoboken, N. J.
Tiffany Machine Shop, Poughkeepsie, N. Y.
Tiffany Motor Co., West New York, N. J.
Tiffany Never Wind Clock Corp., 2964 Main, Buffalo, N. Y.
Tiffany & Pickett Co., lumber, Winsted, Conn.
Tiffany Studios, archl. modelers & sculptors, 361 Madison av, New York.
Tiffany's Carriage Works, San Diego, Cal.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Tiffin Brick Co., Tiffin, Ohio.
Tiffin Mfg. Co., church furniture, Tiffin, Ohio.
Tiffin Wagon Co., Tiffin, Ohio.
Tifft Constr. Co., Iroquois bldg., Buffalo, N. Y.
Tift, H. H., mill & facty. supplies, Tifton, Ga.
Tift Silica Brick Co., Tifton, Ga.
Tifton Guano Co., Tifton, Ga.
Tiger Drill Mfg. Co., machsts., Beaver Dam, Wis.
Tiger, Ellis, Co., masons' & bldrs'. matls., Gladstone, N. J.
Tiger-Shoals Milling Co., flour, fertz. mfrs., Wellford, S. C.
Tiger Vehicle Co., carriages, Freeport, Ill.
Tigerton Lumber Co., Tigerton, Wis.
Tighe, John J., mchst. & fndr., 150 25th, Bklyn., N. Y.
Tilden, Frank W., machst. & fndr., Hinsdale, N. H.
Tilden, Geo. T., archt., 55 White, Milton, Mass.
Tilden, Guy, & Son, architects, Canton, O.
Tilden, Marmaduke, Jr., architect, 1627 Sansom, Phila., Pa.
Tilden & Register, architects, 1713 Sansom, Philadelphia, Pa.
Tileine Universal Flooring Co., 437 W. 33d, New York.
Tileston & Hollingsworth Co., paper & pulp mills, 49 Federal, Boston, Mass.
Tiley-Pratt Co., openers, knives, cutters (paper), Essex, Conn.
Tilghman-Brookshank Sand Blast Co., sand blast machine & equipment, 1126 S. 11th, Philadelphia, Pa.
Tilghman Canning Co., Tilghman, Md.
Tilghman Cypress Co., Lukens, Fla.
Tilghman Lbr. Co., Shubert Bldg., Phila., Pa.
Tilghman Packing Co., Tilghman, Md.
Tilghman, W. B., Co., lumber & fertilizer mfrs., Salisbury, Md.
Tilk, Frank, Orna, Iron Works, 211 W. 19th, Kansas City, Mo.
Tillar, W. T., Co., whol. hdwe., Emporia, Va.
Tiller, Geo. W., contractor, Richmond, Va.
Tiller-Glenn Co., fertilizer, Carlton, Ga.
Tillery, J. F., Iron Co., scrap iron, Knoxville, Tenn.
Tilley, Harry H., dock bldrs., 258 E. 138th, New York.
Tilley, Jno. S., Ladders Co., Watervliet, N. Y.
Tillinghast, B. D., machsts., McDonald, Pa.
Tillinghast, L. H., Supply Co., plumbers' supplies—jobbers, 162 Dorrance, Providence, R. I.
Tilton, P., & Son, archts., 103 Park Row, New York.
Tillion, Philemon, architect, 381 Fulton, Brooklyn, N. Y.
Tillman Bros., mattresses, La Crosse, Wis.
Tillmann, E., electro plating, 197 Grand, New York.
Tillotson Furniture Corp., Jamestown, N. Y.
Tillotson Humidifier Co., textile machy., 78 Fountain, Providence, R. I.
Tillotson Mfg. Co., carbureters, Toledo, O.
Tilson Mfg. Co., pail clasps, Malden, Mass.
Tilton, B., machst. & fndr., Prescott, Ariz.
Tilton Bros., cornices & skylights, Portland, Ore.
Tilton, Chas. P., contractor, Atlantic City, N. J.
Tilton & Cherry, carriages, Keyport, N. J.
Tilton, John N., architect, 226 S. La Salle, Chicago, Ill.
Tilton Mills, belting mfrs.—solid cotton, Tilton, N. H.
Tilton Optical Co., Tilton, N. H.
Tilton, Wm. A., architect, 76 Montgomery, Jersey City, N. J.
Tim, Jno, W., & Son, umbrellas, 633 Penn av, Pittsburgh, Pa.
Timberlake, J. B. & Sons, brackets, hangers, racks, etc., Jackson, Mich.
Time System Co., pneumatic clocks, 870 Woodward av, Detroit, Mich.
Time & Emery Co., numbering machines, 9 S. Clinton, Chicago, Ill.
Timken-Detroit Axle Co., roller bearings, Clark av, Detroit, Mich.
Timken Boiler Bearing Co., automotive vehicle bearings, Canton, Ohio.
Timlick, E. W., brass fndrs., Watertown, N. Y.
Timme, E. A., & Son, stencils, Worcester, Mass.
Timmerman, P. V. R., masons' & bldrs., matls., Catskill, N. Y.
Timmerman, W. A., brick, Dayton, Ohio.
Timmis & Chapman, architect. 315 5th av. New York.
Timmis & Clissold, fillet rapping plates, etc., Bound Brook, N. J.
Timmins-Walters Mach. Co., Lexington, Ky.
Timmons Lumber Co., Springfield, Mo.
Timmonsville Oil Co., fertz. mfrs., meal, Timmonsville, S. C.
Timms, Cress & Co., masons' & bldrs.' matls., 184 2nd, Portland, Ore.
Timms, S. R., flour, Pendleton, S. C.
Timms, Thos. L., contractor, 253 6th av., Salt Lake City, Utah.
Tin Decorating Co., boxes, Boston & Linwood av, Baltimore, Md.
Tindale Cabinet Co., 8H E. 34th, New York.
Tindall, Chas. H., & Son, contractors, Wilmington, Del.
Tindall, Roscoe C., architect, Equitable Bldg., Wilmington, Del.
Tindall, Wm. C., contractor, Wilmington, Del.
Tindel-Morris Co., milling machs., Eddystone, Pa.
Tingley, C. Wallace, stone. 720 31st, Milwaukee, Wis.
Tingley, Chas. O., & Co., carriage dressing, Rahway, N. J.
Tingley & Co., granite, 215 W. Exch., Providence, R. I.
Tingley, Frank E., plate glass, sash, door & blind mfr., Pawtucket, R. I.
Tingue, Brown & Co., felt mills, 118 E. 25th, New York.
Tingue Mfg. Co., plushes, Seymour, Conn.
Tinker, F., & Sons Co., forged steel rolls, 5687 Butler, Pittsburgh, Pa.
Tinkhan, C. O., bean cleaners, Akron, N. Y.
Tinlek, E. W., brass fndrs., Watertown, N. Y.
Tinley Bros. Co., sash, door & blind mfrs., Bush & Nanticoke, Baltimore, Md.
Tinnerman Stove & Range Co., machsts. & fndrs., 2038 Fulton rd., Cleveland, O.
Tinsley Ry. Supplies & Equipment Co., McCormick Bldg., Chicago, Ill.
Tinsley, S. P., architect, Harris Bldg., Spartanburg, S. C.
Tinsman, M. L., & Co., slate blackboards, Pen Argyl, Pa.
Tioga Mill & Elev Co., cattle & poultry feed, Waverly, N. Y.
Tioga Steel & Iron Co., forgings, 52nd & Grays, Philadelphia, Pa.
Tiona Oil Co., lubrg., Binghamton, N. Y.
Tiona Refining Co., lubrg. oils, Indianapolis, Ind.
Tip-It, Inc., welding compounds, 120 B'way, New York.
Tipler, Grossman Lbr. Co., Green Bay, Wis.
Tipless Lamp Co., Emporium, Pa.
Tipp Whip Co., Tippecanoe City, Ohio.
Tippett & Wood, steel tank mfrs., Phillipsburg, N. J.
Tippins, A. L., turpentine, Daisy, Ga.
Tips Fdry. & Mach. Co., Austin, Tex.
Tips Hardware Co., wholesale, San Antonio, Tex.
Tips, Walter, Co., masons' & bldrs.' matls.—whol. hdwe., Austin, Texas.

Tipton Cotton Mills, cotton sheetings, Covington, Tenn.
Tipton Farmer Canning Co., Tipton, Ia.
Tipton Hardware Co., Tipton, Ia.
Tipton & Mackey Mfg. Co., htg. contrs., 4948 Easton av, St. Louis, Mo.
Tip-Top Brick Co., Tip-Top, Va.
Tirrill Gas Mach. Lighting Co., 103 Park av, New York.
Tischer, G. W., Co., whol. hdwe., Dayton, Ohio.
Tisdale Lumber Co., Ottumwa, Ia.
Tish, W. S., contractor, Coshocton, Ohio.
Tissier Hdw. Co., Selma, Ala.
Titan Engng. Co., spark coils, igniters & storage battery charging sets, Union City, Ind.
Titan Metal Co., bronze rods, etc., Bellefonte, Pa.
Titan Truck Co., 25th, Milwaukee, Wis.
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
Titanium Pigment Co., Niagara Falls, N. Y.
Titchener-Culver Iron Wks., machsts. & fndrs., Oneonta, N. Y
Titchener-Diehl Co., wire shaper, 1844-48 W. Austin av, Chicago, Ill. *See adv. index at end of book.*
Titchener, E. H., & Co., mfrs. wire goods, Binghamton, N. Y.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
Tittle, C. L., htg. contrs., Blairsville, Pa.
Titus & Bowne, masons' & bldrs. matls., Glen Cove, N. Y.
Titus, Cutler, bldg. contr., 70 Sewer, Lynn, Mass.
Titus, E. E., machst. & fndr., Petersburg, Va.
Titus & Hicks, buckwheat flour, Battle Creek, Mich.
Titus, John E., architect, Newton Upper Falls, Mass.
Titus Mach. Co., Marion, Ohio.
Titus, Thurlow, machst. & fndr., Coldwater, Mich.
Titusville Forge Co., Titusville, Pa.
Titusville Handle Co., Titusville, Pa.
Titusville Iron Co., machsts. & fndrs., Titusville, Pa.
Titusville Oil Wks., petroleum, Titusville, Pa.
Tivy, Lawrence, htg. contr., 13 Platt, New York.
Tjossem, R. P., & Son, flour mills, Ellensburg, Wash.
T. M. & G. Chemical Co., Belleville, N. J.
Tobacco Leaf Pub. Co., 198 B'way, New York.
Tobacco World, trade journal, 236 Chestnut, Philadelphia, Pa.
Tobey, Curtis, architect, Phoenix, Ariz.
Tobey, Curtiss, architect, Security Bldg., Los Angeles, Cal.
Tobey Furn. Co., 33H N. Wabash av, Chicago, Ill.
Tobey Lime Co., West Stockbridge, Mass.
Tobey, W. A., architect, Falmouth, Mass.
Tobias & Sheridan, common brick, Hamburg, Pa.
Tobin, James Francis, adv. counsellors, 5033 Cedar av, Phila., Pa. *See adv. index at end of book.*
Tobin, Richard L., Co., contractors, East Orange, N. J.
Tobin, T. M., & Bros. Co., masons' & bldrs.' matls., 9326 S. Chicago av, Chicago, Ill.
Tobler & Co., Inc., bolting cloth importers, 115 Broad, New York.
Toburen & Co., masons' & bldrs.' matls., Clebourne, Kan.
Toccoa Cotton Mills, Toccoa, Ga.
Toch Bros., damp resisting paints, 320 5th av., New York.
Tocha, Anton A., architect, 1225 N. Ashland av, Chicago, Ill.
Tock Screw Mach. Products Corp., see Automatic Products Corp. (successors).
Tockwotton Co., buttons, upholsterers' tacks, Providence, R. I.
Tod-Stambaugh Co., iron ores, 601 Perry-Payne, Cleveland, Ohio.
Todaro, Vincent S., architect, 1838 W. 8th, Brooklyn, N. Y.
Todd, A. M., Co., essential oils, Kalamazoo, Mich.
Todd Bros., machinists, Ottawa, Ohio.
Todd Salt Co., salt mfrs., 407 E. 8th, New York.
Todd-Donigan Iron Co., whol. hdwe., 813 W. Main, Louisville, Ky.
Todd Dry Dock & Constr. Corp., Tacoma, Wash.
Todd, E. R., masons' & bldrs.' matls., Saratoga Springs, N. Y.
Todd, Edw., & Co., gold pens, 1 W. 34th, New York.
Todd, Harold B., pianos, 1431 Brown, Philadelphia, Pa.
Todd, J., & Co., contractors, 19 S. La Salle, Chicago, Ill.
Todd, Jas., contractor, Newburgh, N. Y.
Todd, Jas. E., contractor, 255 Kimberly av, New Haven, Conn.
Todd, John H. L., steel importer, 50 Broad, New York.
Todd & Lyons, contractors, Coupeville, Wash.
Todd Mfg. Co., automobile dashes, 14 N. 12th, Minneapolis, Minn.
Todd Protectograph Co., check protectors, 1050 University av, Rochester, N. Y.
Todd, Simons & Todd, architects, Charleston, S. C.
Toddhunter, H. H., architect, Hayden Bldg., Columbus, Ohio.
Todhunter & Edmondson Co., sash, door & blind mfrs., Peoria, Ill.
Toepel, H. J., contr., Galena, Ill.
Toepfer, Frank, Sons, gas engines, gears, 460 Nat. av, Milwaukee, Wis.
Toepfer, W., & Sons Co., machsts. & fndrs., 80 Menomonee, Milwaukee, Wis.
Toepke, Will H., architect, 924 Market, San Fransisco, Cal.
Toerring, C. J., Co., arc lamps, 1815 Bristol, Phila., Pa.
Toft, M. J., Constr. & Realty Co., Benoist Bldg., St. Louis, Mo.
Tofte Boiler & Sheet Iron Wks., Houston, Tex.
Togan-Stiles, portable bldgs., Grand Rapids, Mich.
Togneralli & Voigt Co., archl. modelers, 1743 N. 12th, Phila., Pa.
Tokheim, John J., gasoline tanks, Cedar Rapids, Ia.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.
Tolan, S., architect, Farmers Trust bldg, Fort Wayne, Ind.
Toland & Son, mach. knives, saws, 232 Front, Baltimore, Md.
Toledano, Wogan & Bernard, architects, Perrin Bldg., New Orleans, La.
Toledo Art Glass & Mirror Works, Toledo, Ohio.
Toledo Auto Motive Products Co., machst. & screw mach. products, 2240 S. Mead av, Toledo, Ohio.
Toledo Battery Co., Toledo, Ohio.
Toledo Belting Co., Toledo, Ohio.
Toledo Boiler Compound Co., 404 Clarke, Toledo, Ohio.
Toledo Brass & Iron Wks., Toledo, Ohio.
Toledo Brass & Novelty Works, Toledo, Ohio.
Toledo Brick & Tile Co., Toledo, Ohio.
Toledo Builders' Supply Co., Spitzer Bldg., Toledo, Ohio.
Toledo Building Products Co., Toledo, Ohio.
Toledo Button Machine Co., 3440 Summit av, Toledo, Ohio.
Toledo Cable Co., 506 St. Clair, Toledo, Ohio.
Toledo Chandelier Co., 129 Huron, Toledo, Ohio.
Toledo Cooker Co., Toledo, Ohio.
Toledo Crane Co., Bucyrus, Ohio. *See adv. index at end of book.*
Toledo Desk & Fixture Co., Toledo, Ohio.
Toledo Fence & Post Co., 2907 Summit, Toledo, Ohio.
Toledo Fibre Package Co., Toledo, Ohio.
Toledo-Findlay Tire & Rubber Co., Findlay, Ohio.
Toledo Foundry & Machine Co., Toledo, Ohio.
Toledo Furnace Co., Toledo, Ohio.
Toledo Grain & Milling Co., Toledo, Ohio.
Toledo Incinerator Co., Toledo, Ohio.
Toledo Iron & Supply Co., 651 Spencer, Toledo, Ohio.
Toledo Machine & Tool Co., Toledo, Ohio.
Toledo Mfg. & Supply Co., Toledo, Ohio.
Toledo Mattress Factory, Toledo, Ohio.
Toledo Metal Furniture Co., Toledo, Ohio.
Toledo Metal Manufactures Co., The, steel pipe, etc., Michigan, Toledo, Ohio. *See adv index at end of book.*
Toledo Metal Wheel Co., Toledo, Ohio.
Toledo Parlor Furn. Co., Dept. H, Toledo, Ohio.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, Ohio.
Toledo Plate & Window Glass Co., Toledo, Ohio.
Toledo Pulp Plaster Co., masons' & bldrs.' matls., Toledo, Ohio.
Toledo Rack & Level Co., 1215 W. Bancroft, Toledo, Ohio.
Toledo Reynolds Mfg. Co., curtain rings & hdwe. spec., West Toledo, Ohio.
Toledo Rubber Co., Toledo, Ohio.
Toledo Saw & Supply Co., Toledo, Ohio.
Toledo Scale Co., Toledo, Ohio.
Toledo Scrap Iron Metal Co., Ohio Bldg., Toledo, Ohio.
Toledo Shipbuilding Co., dry docks, Toledo, Ohio.
Toledo Standard Commutator Co., Toledo, Ohio.
Toledo Steel Barrel Co., Toledo, Ohio.
Toledo Steel Castings Co., Toledo, Ohio.
Toledo Steel Products Co., valves, etc., Toledo, Ohio.
Toledo Steel Tube Co., Toledo, Ohio.
Toledo Stone & Glass Sand Co., Toledo, Ohio.
Toledo Stove & Range Co., mfrs., Toledo, Ohio.
Toledo Sugar Co., Toledo, Ohio.
Toledo Tap & Die Co., Clinton, Toledo, Ohio.
Toledo Univ. Industl. Science, engng. schools & coll., Toledo, O.
Toledo Vitrified Brick Co., 622 Madison av, Toledo, Ohio.
Toledo Wheelbarrow Co., 2400 B'way, Toledo, Ohio.
Toledo Wire & Iron Works, Toledo, Ohio.
Tolerton, I. G., & Son, masons' & bldrs.' matls., Alliance, Ohio.
Toles, W. C., Co., machsts., 4034 N. Tripp av, Chicago, Ill.
Tolhurst Machine Works, hydro-extractors, metal dryers, etc., Troy, N. Y.
Toliver, L. H., machinist, Abilene, Kan.
Tolland, J. W., machinist, 231 Chestnut, St. Louis, Mo.
Tollefson, R. L., Co., furniture, Dept. H, Rochester, Minn.
Tolles, J. H., & Co., lbr., Nashua, N. H.
Tolliner's, Chas., Sons Co., lock corner & pencil boxes, Pulaski, N. Y.
Tolman, J. H., contractor, Seattle, Wash.
Tolman Mfg. Co., welding & cutting apparatus, 19 W. 3rd, Boston, Mass.
Tolsma, R. B. & Co., mill & facty. supps., Seattle, Wash.
Toltz, King & Day, architects, Pioneer bldg, St. Paul, Minn.
Tom Thumb Carbureter Co., New London, Ohio.
Tomahawk Pulp & Paper Co., Tomahawk, Wis.
Tomahawk Steel & Iron Works, machsts. & fndrs., Tomahawk, Wis.
Tomaka Land Co., turpentine, De Land, Fla.
Tomaselli, Louis, architect, St. Anthony, Idaho.
Tomasello, Antonio G., contr., 69 Gibson, Boston, Mass.
Tomato Products Co., canned goods, Paoli, Ind.
Tombigbee Cotton Mills, bags, sheeting & cotton wks., Columbus, Miss.
Tomcheck, A. C., contrs., Manitowoc, Wis.
Tomkins Bros., masons' & bldrs.' matls., 74 Passaic, Newark, N. J.
Tomkins, Calvin, crushed stone, 30 Church, New York.
Tomkins Cove Stone Co., Tomkins Cove, N. Y.
Tomkins-Cristy Hardware Co., Telluride, Colo.
Tomkins, Lewis H., Hardware Co., Aspen, Colo.
Tomkinson, Kenyon & Tomkinson Co., mill feed, Honeoye Falls, N. Y.
Tomlin-Harris Machine Co., Cordele, Ga.
Tomlin Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Tomlines, Thos. L., consulting engineer, Watertown, N. Y.
Tomlinson, DeWitt, Co., machsts. & brass fndrs., Mansfield, Pa.
Tomlinson & Egan, contrs., Ashland, Wis.
Tomlinson, Frank, contr., Ashland, Wis.
Tomlinson, H. Webster, architect, 64 E. Van Buren, Chicago, Ill.
Tomlinson, Harry C., architect, 917 Melrose av, Trenton, N. J.
Tomlinson, Henry Webster, architect, Woodruff Bldg., Joliet, Ill.
Tomlinson Mfg. Co., sheet metal stamping, Canton, Ohio.
Tomme, S. M., & Sons, lbr., Hartburg, Texas.
Tompert, Walter W., architect, Dayton Sav. & Tr. bldg, Dayton, Ohio.
Tompkins Bros. Co., machinists, Syracuse, N. Y.
Tompkins, John Almy, architect, 139 E. 53rd, New York.
Tompkins Kiel Marble Co., 505 Fifth av., New York.
Toms, John J., contractor, Brendeis Bldg., Omaha, Neb.
Tomson, P. C., & Co., soap & soap powders, 29 Washington av, Philadelphia, Pa.
Ton-A-Ford Truck Co., Racine, Wis.
Tonawanda Advtg. Co., Tonawanda, N. Y.
Tonawanda Iron & Steel Co., blast furnaces, North Tonawanda, N. Y.
Tonella & Sons, granite, Milford, N. H.
Tongue, R. E., & Bros. Co., oil cans, Allegheny av & Amber, Philadelphia, Pa.
Tonk Mfg. Co., music cabinets, 1912 Lewis av, Chicago, Ill.
Tonk, Wm., & Bro., pianos, 456 10th av, New York.
Tonks Bros., buttons, 237 High, Newark, N. J.
Tonnsen, E. B., Co., cornices, 131 Harmon, Milwaukee, Wis.
Toohey, M. J., & Co., mill & facty. supplies, Fall River, Mass.
Tooker, E. Post, landscape architect, 101 Park av, New York.
Tooker & Marsh, architects, 101 Park av, New York.
Tool Salvage Co., cutters (milling), 407 Fort E., Detroit, Mich.
Tool, Steel, Gear & Pinion Co., Township av, Elmwood pl, Cincinnati, Ohio.
Toole & Sunderlin, dock bldrs., Warren Bldg., Bridgeport, Conn.
Toole, W. B., masons' & bldrs.' matls., Augusta, Ga.
Toole, W. K., Co., mill & facty. supplies—whol. hdwe., 180 Main, Pawtucket, R. I.
Toomer, P. J., Lbr. Co., Hattiesburg, Miss.
Toomey, Frank, machy. dlrs., 127 N. 3d, Philadelphia, Pa.
Toomey, S., Co., carriages, Dover, Ohio.
Topanelian, Edward, architect, 340 Main, Worcester, Mass.
Topeka Bridge & Iron Co., Topeka, Kans.
Topeka Flour Mill Co., Topeka, Kans.
Topeka Foundry & Iron Works, Topeka, Kan.
Topeka Steam Boiler Works, Topeka, Kans.

Topeka Tent & Awning Co., Topeka, Kans.
Topeka Vitrified Brick & Tile Co., Topeka, Kans.
Topky Bros., mill & facty. supps., Ashtabula, Ohio.
Topliffe, Ely Co., toys, Washington, Pa.
Topp, G. A., & Co., framing tools, Indianapolis, Ind.
Topp, O. M., architect, Jenkins Bldg., Pittsburgh, Pa.
Topp, Stewart, Tractor Co., Clintonville, Wis.
Toppan Boat Mfg. Co., motor boat, 87 Washington No., Boston, Mass.
Topper Bros., scrap rubber, Kimball & Mitchell, Columbus, O.
Topper & Edelmann, bristles & horse & badger hair, 525 Stone av, Brooklyn, N. Y.
Topping Bros., whol. hdwe., 122 Chambers, New York.
Topton Foundry Co., Topton, Pa.
Topzant, John, architect, 307 Grand av, Milwaukee, Wis.
Torbenson Axle Co., E. 152d, Cleveland, Ohio.
Torbert, A. C., Equipment Co., steam shovels, 208 S. La Salle, Chicago, Ill.
Torbert, Vance W., architect, 200 5th av, New York.
Torbitt & Castleman Co., molasses, Louisville, Ky.
Torchiani, H., mfr. of brewers' pitching & keg scrubbing machy., 140 N. Dearborn, Chicago, Ill.
Torchweld Equipt. Co., welding apparatus, 224 N. Carpenter, Chicago, Ill.
Torkelson & Hesterman, contractors, Merrill, Wis.
Tormey, Francis E., architect, 813 Newington av, Baltimore, Md.
Toronto Fire Clay Co., Toronto, Ohio.
Toronto Foundry & Machine Co., Toronto, Ohio.
Torrance, John, & Son, machsts. & fndrs., La Crosse, Wis.
Torrance Mfg. Co., machsts., Harrison, N. J.
Torrans Mfg. Co., mill & facty. supplies—whol. hdwe., Jefferson, Tex.
Torrence, Archibald, contractor, Norwich, Conn.
Torrey Bros Co., wagon jacks, stable forks, etc., Central Village, Conn.
Torrey Cedar Co., ties, poles, etc., Clintonville, Wis.
Torrey, J. A., soap, Rockland, Mass.
Torrey, J. R., Razor Co., Worcester, Mass.
Torrey Roller Bushing Works, marine hdwe., engines, etc., Bath, Me
Torrid Heater Co., heating boilers, Hackettstown, N. J.
Torrington Building Co., Inc., general building contractors & drls. in masons' supplies, Torrington, Conn.
Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., needles, "Dayton" swaging machines, hardware specialties, & ballbearing mfrs., Torrington, Conn.
See adv index at end of book.
Torrington Co., The Standard Plant, bicycle parts, marine engines, etc., Torrington, Conn.
Torsch Packing Co., canned goods, Fort av, Clement & Lawrence, Baltimore, Md.
Torsion Balance Co., scales, 92 Reade, New York.
Torsion Nut Lock & Washer Co., Inc., nut lock & washer mfrs., 11 Central, Boston, Mass.
Toscani, J. L., Co., marble, floor & glass mosaics, etc., 930 E. 178th, New York.
Tothill, W. S., playground equipment, 1815 Webster av, Chicago, Ill.
Totten, F. E., & Sons, electro plating, 97 Cliff, New York.
Totten, G. Oakley, Jr., architect, 808 17th, N. W., Washington, D. C.
Tottenville Copper Co., brass ingots, smelters & refiners, Bedell, Tottenville, N. Y.
Tottle, Wm. A., & Co., brush mfrs., 124 Hanover, Baltimore, Md.
Totty Trunk & Bag Co., trunk mfrs., Petersburg, Va.
Tough, Edward, architect, Madison, Wis.
Touhill Iron Works, machsts. & fndrs., Scranton, Pa.
Toulouse & Delorieux, machinists, 409 6th, San Francisco, Cal.
Toupet, Bell & Conley, contractors, 5931 Penn av, Pittsburgh, Pa.
Toupin, Joseph, contractor, Manchester, N. H.
Tourison, Ashton S., Sr., contractor, 7014 Boyer, Germantown, Philadelphia, Pa.
Tourison, Bart., architect, Land Title Bldg., Philadelphia, Pa.
Touroff & Karp, contractors, 83 Sunswick, Long Island City, N. Y
Tourtellotte & Hummel, architects, Rothschild Bldg., Portland, Ore., & Boise, Idaho.
Tousey Varnish Co., 520 W. 25th, Chicago, Ill.
Tousley, Chas. E., architect, 4500 Euclid av, Cleveland, Ohio.
Towbin, Louis, mattresses, 296 Putnam av, Brooklyn, N. Y.
Tower, A. J., Co., oiled clothing, 18 Simmons, Boston, Mass.
Tower-Binford Elec. & Mfg. Co., wire connectors, Richmond, Va.
Tower Bros., machsts. & fndrs., Hudson, Mass.
Tower Chemical Co., 13 Park Row, New York.
Tower, D. H., architect, Dalton, Mass.
Tower Grove Foundry Co., 4444 Hunt av, St. Louis, Mo.
Tower Grove Quarry & Const. Co., contrs., 5927 Fyler av, St. Louis, Mo.
Tower Hdwe. Co., masons' & bldrs.' materials, Jacksonville, Fla.
Tower, J. D., & Sons Co., agr'l implts., Mendota, Ill.
Tower, Jas. H., Iron Works, 50 Borden, Providence, R. I.
Tower Mfg. Co., galvanizing works, Madison, Ind.
Tower Mfg. Co., smelt., nails & rivets, Elm & Commerce, Cincinnati, Ohio.
Tower Mfg. & Nov. Co., pads, inks, 326 Broadway, New York.
Tower Motor Truck Co., Greenville, Mich.
Tower, R. J., Iron Works, machsts. & fndrs., Greenville, Mich.
Tower Sylvester Co., ivory goods, Cambridge, Mass.
Tower Varnish & Dryer Co., Dayton, Ohio.
Towers, Jos., brick, New Britain, Conn.
Towers, L. R., & Bros., canned goods, Denton, Md.
Towers & Sullivan Mfg. Co., agr'l implts., Rome, Ga.
Towes-Gibson Packing Co., canned goods, Crisfield, Md.
Towle, F. S., Co., boxes, signs, toys, etc., 332 Broadway, New York.
Towle Mfg. Co., table silverware, Newburyport, Mass.
Towmotor Co., engines, tractors, etc., 1226H E. 152nd, Cleveland, Ohio.
Town, Wm. L., architect, Poultney, Vt.
Townell, Hewson, Sr., & Son, brick, Plainfield, Ill.
Towner & Co., mill & facty. supplies, Memphis, Tenn.
Towner, Jay F., & Sons, canned goods, Perryman, Md.
Towner Hardware Co., Muskegon, Mich.
Towner, K. MacM., architect, Asbury Park, N. J.
Towner, Wm. T., architect, 366 5th av, New York.
Towney Metal & Hardware Co., 2d & S. W. cor. Walnut, Kansas City, Mo.
Townley, C. E., masons' & bldrs.' matls., 149 Vernon av, Newark, N. J.
Townley Metal & Hardware Co., 2d, S. W. cor. Walnut, Kansas City, Mo.
Townsend, A. W., cornices & skylights, 20 S. 2d av, Minneapolis, Minn.
Townsend, C. F., architect, 129 Church, New Haven, Conn.
Townsend, Chas., & Bro., glue, gelatine, 276 Pearl, New York.
Townsend Co., nails, rivets, wire, etc., New Brighton, Pa.
See adv. index at end of book.
Townsend, David, engineer, 1716 Spring Garden, Phila., Pa.
Townsend, F. M., contractors, Zanesville, Ohio.
Townsend & Fleming, landscape architects, Prudential Bldg., Buffalo, N. Y.
TOWNSEND FOUNDRY & MACHINE SHOP CO., chemical castings, etc., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book.
Townsend, Frank M., contractor, Zanesville, Ohio.
Townsend, Fred J., machst, Painted Post, N. Y.
Townsend, G. G., rivets, Winchendon, Mass.
Townsend, G. E., architect, Dallas, S. D.
Townsend, H. C., Cotton Mills, cotton twine, Anderson, S. C.
Townsend, H. P., Mfg. Co., drilling, riveting & upper feed screw machines, Hartford, Conn.
Townsend Iron Works, marine boilers, ft. Columbia, Bklyn, N. Y.
Townsend, J. E. (Est. of), blankets (woolen), Milton Mills, N. H.
Townsend, J. G., & Co., Jr., canned goods, Selbyville, Del.
Townsend, J. W., turpentine, Lake Butler, Fla.
Townsend, Jas., & Son, canned goods, Masten, Del.
Townsend Mfg. Co., farm tractors, Jamesville, Wis.
Townsend, Otis M., contractor, Ocean City, N. J.
Townsend, S. P., & Co., machsts., Orange, N. J.
Townsend, Steinle & Haskell, architects, 1328 B'way, New York.
Townsend, Thos., textile machy., 157 Orange, Providence, R. I.
Townsend, Townsend & Co., marble, steel chilled shot, 453 W. 21st, New York.
Townsend, W. C., & Co., granite producers, Zanesville, Ohio.
Townsend's, Jno., Sons, mill & facty. supplies, Rome, N. Y.
Towsley, John T., Mfg. Co., woodworking machinery, Cincinnati, Ohio.
Townsley-Sewell Mfg. Co., lightning rods, 1315 S. E. 4th, Minneapolis, Minn.
Toy Cannon Works, toys, games, etc., Bethlehem, Pa.
Toy Tinkers, Evanston, Ill.
Toy, W. M., & Co., road scrapers, etc., Sidney, O.
Toys & Novelties, trade publications, 215 S. Market, Chicago, Ill.
Tozer, David, Co., lumber, Stillwater, Minn.
Tozer Engine Works, Columbia, S. C.
Tozzi Mfg. Co., stamping dies, 352 Pearl, New York.
Traber, A. P., bolting cloth, 71-73 Murray, New York.
Trabold Truck Mfg. Co., Johnstown, Pa.
Trachsel, John C. F., steam htg. contr., 230 Arch, Philadelphia, Pa.
Trachte Bros. Co., tanks, cornices, heaters, Madison, Wis.
Track Equipment Co., car replacers, Huntington, W. Va.
Track Necessities Co., rail sawing machines, 343 S. Dearborn, Chicago, Ill.
Track Specialties Co., 29 B'way, New York.
Trackless Trolley Co. of Am., 50 Church, New York.
Traction Lubrg. Co., Chicago Heights, Ill.
Traction Materials Co., trolley line mtls., 501 5th av, New York
Tractor J. T. Co., farm tractors, Fairfield av & W. 14th, Cleveland, Ohio.
Tracy, Bertrand P., repair parts for mining machy., 901 Penn av, Pittsburgh, Pa.
Tracy Bros., mill & facty. supps., 185 Washington, New York.
Tracy Bros. Co., contractors, masons' & bldrs.' matls., Waterbury, Conn.
Tracy, C. Oscar, machsts. & fndrs., Norwich, Conn.
Tracy, Edward P., contr., Derby, Conn.
Tracy Engineering Co., Sheldon Bldg., San Francisco, Cal.
Tracy, Evarts, architect, 18 W. 34th, New York.
Tracy, Frank, mill & facty. supplies, 202 Centre, New York.
Tracy, Jos., dynamometers, 1786 B'way, New York.
Tracy, Lewis E., Co., mill & facty. supplies, 127 Broad, Boston, Mass.
Tracy, M. M., ties, poles, Stacyville, Me.
Tracy & Metcalf, contractors, Augusta, Me.
Tracy, Robinson & Williams Co., mill & facty. supplies, whol. hdwe., 78 Asylum, Hartford, Conn.
Tracy & Swartwout, architects, 244 5th av, New York.
Trade Mark Record, trade publication, 31 Nassau, New York.
Trader, E. N., cornices, McKeesport, Pa.
Traffic Motor Truck Corp., 5200 S. 2d, St. Louis, Mo.
TRAFFIC WORLD, 418 S. Market, Chicago, Ill.
See adv. index at end of book.
Trafford, Thos. C., contractor, 1630 Sansom, Philadelphia, Pa.
Trafton, F. M., Co., metal polish, 176 Federal, Boston, Mass.
Trafton, G. A., & Son, flour, Watsonville, Cal.
Trafzer, J. W., architect, Mason City, Ia.
Trager, Frank A., cornices & skylights, Sterling, Ill.
Trageser, John, Steam Copper Wks., 447 W. 26th, New York.
Tragle Mfg. Co., hardware (whol.), Reading, Pa.
Trahern Pump Co., Rockford, Ill.
Trailmobile Co., auto truck trailer, Oakley, Cincinnati, Ohio.
Train & Williams, architects, Exchange Bldg., Los Angeles, Cal.
Trainer Bros. Lumber Co., Loomis S. of 22d, Chicago, Ill.
Trainer, C. W., Mfg. Co., packing, roofing, etc., 55 High, Boston, Mass.
Trainer, Walter L., Co., varnish mfrs., 3328 Germantown, Philadelphia, Pa.
Trainor's, O. J., Son, sashes, doors & blinds, New Iberia, La.
Traister, Chas. A., willow ware mfrs., Liverpool, N. Y.
Traister, Wm., Basket Co., Liverpool, N. Y.
Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.
Trammel Co., carriage wheels, Gallatin, Tenn.
Tramp Bros., brick, Creston, Ia.
Tranchina, D. J., contractor, New Orleans, La.
Trane Co., vapor system heating, La Crosse, Wis.
Transatlantic Chemical Corp., toludine, 192 B'way, New York
Transfer Lumber & Shingle Co., North Tonawanda, N. Y.
Transfer Stained Shingle Co., North Tonawanda, N. Y.
Transit Constr. Co., Mt. Vernon, N. Y.
Translucent Window Sign Co., transfer ornaments, 118 E. 28th, New York.
Transmission Ball Bearing Co., 1050 Military rd, Buffalo, N. Y

Transmission Machinery Co., 1146 Tchoupitoulas, New Orleans, La.
Transo Co., advtg. spec., Rockford, Ohio.
Transo Envelope Co., 3550 Kimball av, Chicago, Ill.
Transogram Co., Inc., toys, 487 Sterling pl, Brooklyn, N. Y.
Transport Tractor Co., traction engines, 801 Vernon av, L. I. City, N. Y.
Transue & Williams Steel Forging Corp., covers, Alliance, Ohio.
Trant, John C., plate glass, Hartford, Conn.
Trant, John H., Jr., lbr. mfrs., Brunswick, Ga., & Norfolk, Va.
Trant, Thos., & Bros., mill & facty. sup., Hartford, Conn.
Tranter Mfg. Co., ejectors, etc., 105 Water, Pittsburgh, Pa.
Trantuim, C. A., lbr., Garland, N. C.
Traphagen & Hull Mfg. Co., sash, door & blind mfrs., Kingston, N. Y.
Traphagen, O. G., architect, 244 California, San Francisco, Cal.
Trapp, Daniel, contractor, Newport, Ky.
Trapp & Kuehnle, machsts., 245 Pearl, New York.
Trapp, Nicholas H., & Son, contractors, 17 Thames, New York.
Trappe Canning Co., Aberdeen, Md.
Trask Heating Co., pressure regulators, 4 Merrimac, Boston, Mass.
Trask, J. A., & Son, contractors, Peabody, Mass.
Traub, W. F., Range Co., machsts., 231 W. Superior, Chicago, Ill.
Traud, Alex., Co., machsts. & fndrs., 5 Main, Newark, N. J.
Traud, Alex., & Sons, embossing machines, presses, 124 Polk, Newark, N. J.
Trauger, B. M., & Son, contrs., Scranton, Pa.
Trauger, Geo. H., contractor, Scranton, Pa.
Traun Rubber Co., 239 4th av, New York.
Trausch Bros., brick, Roseland, Neb.
Traut & Hine Mfg. Co., metal specialties, New Britain, Conn.
Traut, Thos. & Bro., plumbers' supps., jobbers, Hartford, Conn.
Trauten, John J., htg. contrs., Aurora, Ill.
Traux, Greene & Co., surgical instruments, 171 N. Wabash av, Chicago, Ill.
Travelers Ins. Co., Hartford, Conn.
Travelight Mfg. Co., bags & suit cases, 237 Lawrence, Phila., Pa.
Traver, W. M., Co., canned goods, Hartford, Mich.
Travers, G. W., & Co., toys, games & nov., 146 Chambers, New York.
Travers, J. R., canned goods, Nanticoke, Md.
Travers Mfg. Co., children's carriages, E. Templeton, Mass.
Travers Twine & Cordage Co., 81 Warren, New York.
Traverse City Brick Co., Traverse City, Mich.
Traverse City Casket Co., Traverse City, Mich.
Traverse City Iron Wks., Traverse City, Mich.
Traverse City Motor Co., Traverse City, Mich.
Traverse City Refrigerator Co., Traverse City, Mich.
Traves, Chas. E., machinist, Fresno, Cal.
Travilla, M., machst., Quincy, Ill.
Travis, D. W., Sons, fndrs., Athens, N. Y.
Travis, G. E., shaking & dumping grates, Henry, Ill.
Travis Glass Co., bottle, Clarksburg, W. Va.
Travis & Oczko, mchsts. & fndrs., Johnstown, N. Y.
Travis Stone Co., Hale Eddy, N. Y.
Travora Mfg. Co., cotton flannels, Graham, N. C.
Trax, Geo. H., contractor, Easton, Md.
TRAYLOR ENGINEERING & MANUFACTURING CO., copper converters, Allentown, Pa. *See adv. index at end of book.*
Traylor Shipbldg. Corp., Cornwells Heights, Pa.
Treadwell Construction Co., tanks, etc., Midland, Pa.
See adv. index at end of book.
Treadwell Engineering Co., hydraulic press manfrs., Easton, Pa. *See adv. index at end of book.*
Treadwell, M. H., Co., cars, machy., steel stacks, etc., 140 Cedar, New York.
Treadwell, M. H., Co. of Ill., rolling mill machy., blast furnace & steel works, 208 S. La Salle, Chicago, Ill.
Treas Lumber Co., Benton, Ky.
Treasure Stove Co., Gallipolis, Ohio.
Treat Hardware & Supply Co., Lawrence, Mass.
Treaty Co., cesspools, coal hole covers, cistern tops, sink brackets, feed cookers, plbrs. supps., etc., Greenville, Ohio.
Trebing Mfg. Co., sash, door & blind, 1000 Center, N. W., Cleveland, Ohio.
Trede, John H., contractor, Bellingham, Wash.
Tredegar Co., rolling mills, ft. of 5th, Richmond, Va.
Tredennick, M. C., contractor, 331 Madison av, New York.
Tredway, A., & Sons Hardware Co., Dubuque, Ia.
Tredwell & Kraft, architects, Indiana Harbor, Ind.
Treece, W. C., & Co., hoists, (beef), Findlay, Ohio.
Treen Box Co., packing, Tioga & Memphis, Philadelphia, Pa.
Treen, John, Jr., contractor, Woodbridge, N. J.
Trefethen, D. A., castings, Taunton, Mass.
Trefethen, E. W., contractor, Portsmouth, N. H.
Trefethen, F. L., mill & factory supplies, Lynn, Mass.
Tregarthen, Jas., & Sons, Co., dry docks, ft. 7th, E. R., New York.
Tregoning Elec. Mfg. Co., plugs, receptacles, etc., Cleveland, O.
Treichel & Hyink, machsts, 727 N. Water, Milwaukee, Wis.
Treinis Bros., sporting goods, mfrs., 126 13th, Bklyn., N. Y.
Tremain, E. E., carriages, Stockton, Cal.
Treman, King & Co., auto accessories, wholesale hardware, etc., Ithaca, N. Y.
Tremblay, Samuel J., architect, 21 High, East Hampton, Mass.
Tremont Lumber Co., Jonesboro & Winnfield, La.
Tremont Nail Co., West Wareham, Mass.
Tremont & Suffolk Mills, shade cloth, blankets, etc., Lowell, Mass.
Trenam Tractor Co., Stevens Point, Wis.
Trench, C. S., & Co., bar tin, spelter, 81 Fulton, New York.
Trench, D. G. & Co., tin cans & tin plate, 222 N. Wabash av, Chicago, Ill.
Trenjer Specialty Co., drinking fountains, Trenton, N. J.
Trenk Wire Works, bank & office railings, Dubuque, Ia.
Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, Ohio.
Trenkman, B., & Co., machsts., 106 N. 4th, Portland, Ore.
Trenle China Co., East Liverpool, Ohio.
Trent Bros., lbr. mfrs. & masons' & bldr.' matls., Danville, Ill.
Trent Engng. & Mach. Co., Salt Lake City, Utah.
Trent Rubber Co., tires, Trenton, N. J.
Trent Tile Co., Trenton, N. J.
Trenton Bone Fertilizer Co., Trenton, N. J.
Trenton Brass & Mach. Co., Trenton, N. J.
Trenton Elec. & Conduit Co., ground connection clamps, Trenton, N. J.
Trenton Engineering Co., machinists, Trenton, N. J.
Trenton Fertilizer Co., Trenton, S. C.
Trenton Fire Clay & Porcelain Co., potteries, Trenton, N. J.
Trenton Flint & Spar Co., Trenton, N. J.
Trenton Gas & Elec. Fixture Mfg. Co., Trenton, N. J.
Trenton Lumber Co., Jackson, Miss.
Trenton Malleable Iron Co., mchsts. & fndrs., Trenton, N. J.
Trenton Milling Co., flour, Trenton, Ill.
Trenton Pattern Works, Trenton, N. J.
Trenton Plumbing & Heating Co., contrs., 366H So. Broad, Trenton, N. J.
Trenton Porcelain Co., electrical & mechanical porcelain specialties, Trenton, N. J.
Trenton Potteries Co., plumbers' sanitary earthenware mfrs., Trenton, N. J.
Trenton Sand & Gravel Co., Trenton, Ohio.
Trenton Scrap Rubber Supply Co., Trenton, N. J.
Trenton Smelting & Refining Co., Trenton, N. J.
Trenton Spring Mattress Co., Trenton, N. J.
Trescott, W. A., fruit evoporators, Fairport, N. Y.
Tressel, Jas. G., contr. & stone, Ada, Ohio.
Tresselt, C., & Sons, flour mills, Fort Wayne, Ind.
Tressing, E., & Co., hardware mfrs., 15 E. Lake, Chicago, Ill.
Trethaway Bros., tinware mfrs., Parsons, Pa.
Tretheway, W. O., machst. & fndr, New Harmony, Ind.
Treuchet, F. E., cornices, 33 Sanford, Springfield, Mass.
Trevey Bros., canned goods, Nace, Va.
Treviranus & Gardner, brick, Little Ferry, N. J.
Trevor Mfg. Co., mill & factory supplies, Lockport, N. Y.
Trewhitt & Shields Co., contrs., Fresno, Cal.
Treworgy, Chas, J., lumber, Ellsworth Falls, Me.
Trexler Cooperage Co., Allentown, Pa.
Trexler Lumber Co., Allentown, Pa.
Trexler-Turrell Lumber Co., Noxen, Pa.
Treyz, G. H., & Co., wood alcohol, Binghambton, N. Y.
Treyz, G. I., wood alcohol, Cooks Falls, N. Y.
Triad Co., commuator compounds, Allenhurst, N. J.
Triangle Co., Inc., paints, Harrisburg, Pa.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Triangle Electro Trading Co., toys, 79 Chambers, New York.
Triangle Lbr. Co., Percy, Miss.
Tri-angle Mfg. Co., nut crackers & picks, Freeport, Ill.
Triangle Motor Truck Co., St. Johns, Mich.
Triangle Pennant Co., 160 N. 5th av, Chicago, Ill.
Tribe, Geo. T., architect, 306 Main, Worcester, Mass.
Tribble, A. L., Co., clothes lines, 59 Temple pl, Boston, Mass.
Trible, E. S., architect, Henderson, Ky.
Tri-Bullion Smelting & Development Co., 10 Wall, New York.
Trice & Raymond Hdwe. Co., mill & facty. supps., Tupelo, Miss.
Trice, W. T., & Bros., flour mills, Casscoe, Ark.
Tri City Button Co., Davenport, Ia.
Tri-City Construction Co., Davenport, Ia.
Trico Chemical Co., Inc., laundry chemicals, Buffalo, N. Y.
Tri-Color Sign Co., advertising signs, 4824 W. Lake, Chicago, Ill.
Tri-Continental Corp., plating wks., sheet metal stamping & window cleaners, 2665 Main, Buffalo, N. Y.
Triebel & Sons, stone products, Peoria, Ill.
Trieschmann, Luther H., razor strops, 720 Main, Hartford, Conn.
Trifts, Charles W., architect, Vandergrift Bldg., Pittsburgh, Pa.
Trill Indicator Co., Elm, Corry, Pa.
See adv. index at end of book.
Trilling, H., & Co., flaxseed, 1825 S. Canal, Chicago, Ill.
Trimbach, Geo., wholesale hardware, Dayton, Ohio.
Trimble Brick Co., Trimble, Ga.
Trimble Coal Co., masons' & bldrs.' matls., Paterson, N. J.
Trimble, F. H., architect, Hand Bld., Orlando, Fla.
Trimble, F. H., Co., display racks & stands, 216 W. 3rd, Los Angeles, Cal.
Trimble, H. N., scrap iron & steel, Oliver bldg, Pittsburgh, Pa.
Trimble, John H., & Bro., contractors, 2022 Chateau, Pittsburgh, Pa.
Trimble & Lutz Supply Co., mill, mine, factory, plumbers' supplies, jobbers, Wheeling, W. Va.
Trimble Paving Brick Co., Trimble, Ohio.
Trimble, R. Maurice, architect, Ferguson blk, Pittsburgh, Pa.
Trimble, W. F., & Sons Co., contractors, 1719 Penn av, Pittsburgh, Pa.
Trimlett & Combellick, contrs., 608 S. B'way, Los Angeles, Cal.
Trimont Mfg. Co., wrenches, 55 Amory, Boston, Mass.
Trimount Rotary Power Co., rotary pump mfrs. & machts., 18 Heath, Boston, Mass.
Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.
Trini, A., & Co., machsts., 557 W. Adams, Chicago, Ill.
Trinidad Asphalt Mfg. Co., Title Guarantee Trust Bldg., St. Louis, Mo.
Trinidad Fndry. & Mach. Co., Trinidad, Colo.
Trinidad Hdwe. Co., whol., Trinidad, Colo.
Trinity Bell Elec. Mfg. Co., horns, 216 W. Kinzie, Chicago, Ill.
Trinity Cotton Oil Co., Dallas, Tex.
Trinity County Lumber Co., Groveton, Tex.
Trinity Portland Cement Co., Dallas, Tex.
Trinity River Lumber Co., Houston, Tex.
Trinkkeller, E., machinist, Los Angeles, Cal.
Trinley, J., & Sons, fertilizer mfrs., Linfield, Pa.
Trio Mfg. Co., cotton twine, Forsyth, Ga.
Trio Mfg. Co., elec. protectors, Rock Island, Ill.
Trio Mfg. Co., med. cabinets & desk mfrs, Cleveland, Ohio.
Trion Co., cotton sheeting, Trion, Ga.
Trion Toy Co., 144 B'way, Brooklyn, N. Y.
Triple "A" Machine Co., floor scraping & surfacing machines, 4121 Ravenswood av, Chicago, Ill.
Triple S. Mach. Co., loose leaf devices, 1013 Wellington, Chicago, Ill.
Triplex Safety Glass Corp. of America, aircraft glass, 19 W. 44th, New York.
Tripod Paint Co., Atlanta, Ga.
Tripoli Canning Co., Tripoli, Ia.
Tripp, A. F., landscape architect, 44 College, Providence, R. I.
Tripp Bros., masons' & bldrs.' matls., Greenview, Ill.
Tripp & Co., elec. signs, 33 N. Wells, Chicago, Ill.
Tripp, Frank S., machsts. & fndrs., New Bedford, Mass.
Tripp, Fred. H., Hdwe. Co., North Vernon, Ind.
Tripp, Jno., & Co., roll covers, Lowell, Mass.
Tripp, W. E., & Co., ties, poles & posts, Job, Ky.
Tripper, Allen G., contractors, Peru, Ind.
Tri-State Builders' Supply Co., Memphis, Tenn.
Tri-State Casket Co., Kendallville, Ind.
Tri-State College, engng. schools & coll., Angola, Ind.
Tri-State Milling Co., Bellefourche, S. D.

Tristram, Jas. J., riddles, Rockville Centre, N. Y.
Tritch, Geo., Hardware Co., Denver, Colo.
Tritt China Co., Niles, Ohio.
Triumph Adding Mach. Co., 78 Smith, Brooklyn, N. Y.
Triumph Couch Bed Co., mattresses, 8 Bartlett sq., Boston, Mass.
Triumph Electric Co., motors, Dept. H, Oakley, Cincinnati, Ohio. c49f
Triumph Ice Machine Co., Oakley, Cincinnati, Ohio.
Triumph Lamp Wks., 149 Palisade av, Union Hill, N. J.
Triumph Mfg. Co., bakers' machinery, Cincinnati, Ohio.
Triumph Mfg. Co., machsts., 500 Delaware, Kansas City, Mo.
Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
Triumph Trap Co., Inc., animal traps, Oneida, N. Y.
Triumph Valve Mfg. Co., Mansfield, Ohio.
Triumphator Calculating Mach. Co., 81 New, New York
Troback, B. A., contr., 180 Jessie, San Fransisco, Cal.
Troemmer Hy., meat choppers & slicers & scales, 911 Arch, Philadelphia, Pa.
Troike Muffler & Mfg. Co., Loraine, O.
Trojan Button Fastener Co., Troy, N. Y.
Trojan Coal Co., masons' & builders' matls., Troy, O.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.
Trojan Glass Cutter Works, 330 W. Kinzie, Chicago, Ill.
Trojan Powder Co., nitro starch mfrs., 27 William, New York.
Trojan Unit Tractor Co., Waterloo, Ia.
Trolinger & Montgomery, brick, Haw River, N. C.
Trolley Supply Co., Canton, Ohio.
Trombley Jos. & Son, contractors, North Andover, Mass.
Trompeter, Jos., contractors, Peru, Ill.
Troop Mfg. Co., water heaters, 218 21st av, Pittsburgh, Pa.
Tropenas Co., steel casing converts, 2243 Nostrand av, Brooklyn, N. Y.
Tropical Paint & Oil Co., W 70th, Cleveland, O.
Trosco Mfg. Co., brad-sets, Citizens' Bldg., Cleveland, Ohio
Trost, Robert, contractor, 26th & Howard, San Francisco, Cal.
Trost & Trost, architects, Mills Bldg., El Paso, Tex.
Trostel, A., & Sons Co., mill & facty. supplies, 612 Commerce, Milwaukee, Wis.
Trostel, Geo. H., lime, York Springs, Pa.
Trotman Mfg. Co., fertilizer mfrs., Churchland, Va.
Trott, J. A. & Sons, brick, Eldon, Iowa.
Trotter, E. T., & Co., paints, insulating compounds, etc., 602 Johnson av, Brooklyn, N. Y.
Trotter Lumber Co., Toledo, Ohio.
Trotter, Nathan & Co., antimony, bismuth, pig lead, etc., 36 N. Front, Philadelphia, Pa.
Trounson, J., contractor, 121 5th, San Francisco, Cal.
Trout Creek Lbr. Co., Trout, La.
Trout Creek Mfg. Co., lbr., Trout Creek, Mich.
Trout, H. G., Co., propeller wheels, Buffalo, N. Y.
Troutman, C. E., architect, Aberdeen, Wash.
Trouton Mattress Co., Atlanta, Ga.
Troutt, Jno., & Co., stone producers, Chattanooga, Tenn.
Trow & Holden Co., tools—paving, granite & stone cutters, Barre, Vt.
Trowbridge, Alexander B., architect, 25 W. 44th, New York.
Trowbridge, F. B., architect, Tulsa, Okla.
Trowbridge & Livingston, architects, 527 5th av, New York.
Trowbridge, S. D., architect, Forsyth Bldg., Atlanta, Ga.
Troxel Mfg. Co., bicycle parts & sundries, Elyria, O.
Troy Auto. Spec. Co., horns, gas igniters, &c., Troy, N. Y.
Troy Belting & Supply Co., belting, mill & factory supplies, Troy, N. Y.
Troy Blanket Mills, Troy, N. H.
Troy Box & Lbr. Co., bottlers' cases, Dept. H, Troy, N. Y.
Troy Brick Co., Northern Tpk., Troy, N. Y.
Troy Bros., hot air furnaces, Indianapolis, Ind.
Troy Bros. & Co., plumbers' marble wk., 975 Mass av, Rox, Boston, Mass.
Troy Carriage Sun Shade Co., mechanics' aprons, Troy, Ohio.
Troy Carriage Wks., Troy, N. Y
Troy Cast Iron Brazing Co., Troy, N. Y.
Troy Cold Water Kalsomine Co., Troy, N. Y.
Troy Elec'l Co., Troy, N. Y.
Troy Engine & Mach. Co., mchsts. & fndrs., Troy, Pa.
Troy File Works, files, scrapers, etc., Congress, Troy, N. Y.
Troy Fireproofing Co., Troy, N. Y.
Troy Laundry Machy. Co., Troy, N. Y.
Troy Laundry Machinery Co., Ltd., La Salle & 23d, Chicago, Ill.
Troy Malleable Iron Wks. of Eastern Mall. Iron Co., fndrs., Troy, N. Y.
Troy Mfg. Co., auto. metal bodies, Troy, Ohio.
Troy Milling Co., flour, Troy, N. C.
Troy Nickel Works, stove trimmings, Albany, N. Y.
Troy Public Works Co., contrs., Utica City Nat. Bk. Bldg., Utica, N. Y.
Troy Roller Mills, flour, Troy, Tenn.
Troy Rubber Stamp Wks., Troy, N. Y.
Troy, S. B., contractors, 88 Broad, Boston, Mass.
Troy Scrap Iron & Metal Co., Troy, N. Y.
Troy Spring Works, Troy, N. Y.
Troy Stamping Works, metal stamping, Troy, N. Y.
Troy, Thos., contractor, Olean, N. Y.
Troy Tile & Brick Co., Troy, Ohio.
Troy Veneer & Crate Co., Troy, Ala.
Troy Wagon Works Co., 100 E. Race, Troy, Ohio.
Troy Waste Mfg. Co., Troy, N. Y.
Troy White Granite Co., Worcester, Mass.
Troy Wire Goods Co., Troy, N. Y.
Troy Woven Wire Spring Co., mattresses, Troy, N. Y.
Tru Lite Mfg. Co., catches, knobs, push plates, etc., Dept. H, Bradford, Pa.
Truax Mfg. Co., industrial cars, self-oiling wheels, Denver, Colo.
Truby Coal Co., masons' & bldrs' matls., Painesville, Ohio.
Truck Engng. Co., wagon & truck bodies, B'way & E. 71st, Cleveland, Ohio.
Truckee Lumber Co., National Bank Bldg., San Francisco, Cal.
Trudden, M., stone producers, wkrs. & dlrs., 109 Van Sindren av, Brooklyn, N. Y.
Trudell, Geo. E., Co., plumbers' supplies, Manchester, N. H.
True & Blanchard Co., whol. hdwe., Newport, Vt.
True Blue Gum Co., machy., Lansing, Mich.
True, L. P., & Co., canned goods, Hope, Me.
True Mfg. Co., hay racks, Eaton Rapids, Mich.
True, Samuel, ship knees, Amesbury, Mass.
True-Tagg Paint Co., Memphis, Tenn.
Trueman, S. S., architect, Portsmouth, N. H.
Truesdell Marble & Granite Co., stone producers, Port Huron, Mich.
Truex, Fred'k M., architect, 1170 B'way, New York.
Truitt & Lingo, veneer mfrs., Dagsboro, Del.
Truitt, Wm. P., & Son, lbr., East Enterprise, Ind.
Trullinger, D. L., lumber, Mulino, Ore.
Trulock & Crookham, sash door & blind mfrs., Sioux City, Ia.
Trum, E. J., Inc., paper boxes & cartoons, 57 3rd, Brooklyn, N. Y.
Trumbauer, Horace, architect, Land Title Bldg., Phila., Pa.
Trumble, Edwin, lbr., Kingville, S. C.
Trumbull Elec. Mfg. Co., flexible metallic conduits, etc., Plainville, Conn.
Trumbull, F. S., sheet metal stamping & special tool mfrs., Bridgeport, Conn.
Trumbull Mfg. Co., foundry, Warren, Ohio.
Trumbull Motor Car Co., Bridgeport, Conn.
Trumbull Safe & Vault Co., bank vaults, 77 W. Lake, Chicago, Ill.
Trumbull Steel Co., tin plate products, Warren, Ohio.
Trumbull Stone & Sand Co., Warren, Ohio.
Trumbull-Vanderpoel Elec. Mfg. Co., enclosed fuses, Bantam, Conn.
Trump Bros. Mach. Co., Beech & Anchorage, Wilmington, Del.
Trump, F. & E. D., brass fndrs., Jersey Shore, Pa.
Trump Mfg. Co., water wheels, etc., Springfield, Ohio.
Trump Mfg. Co., piston rings, Crown Point, Ind.
Trumpbour-Whitehead Brass & Copper Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 309-311 Canal, New York, & 43 No. Seventh, Philadelphia, Pa.
See adv index at end of book.
Trumpfheller Mfg. Corp., bag holders, 447 Ellicott sq, Buffalo, N. Y.
Trunck, F. G. (Est. of), brick, Freeport, Ill.
Trus-con Laboratories, paints, Caniff & Grant RR, Detroit, Mich.
Truscon Steel Co., building products, Youngstown, Ohio.
Truscott, Pierce Engine Co., machsts. & fndrs., St. Joseph, Mich.
Trusler, Wm., hdwe. supplies, Eskridge, Kan.
Truslow & Fulle, cork mfrs., 42 Wilson, Brooklyn, N. Y.
Trussell Mfg. Co., loose leaf devices, Poughkeepsie, N. Y.
Trust, George, architect, 1523 S. Cushman av, Tacoma, Wash.
Truswell, W., & Sons, elec. contrs. & engrs., 16 Cedar, New York.
Truxell, Geo. H., architect, Greensburg, Pa.
Try-Me Mfg. Co., ball cocks, brass castings, etc., bushings, regulators, etc., Westfield, Mass.
Tryber Piano Co., 56 E. State, Chicago, Ill.
Tryon, Andrew H., bldg. contr., Hartford, Conn.
Tryon & Brain, contractors, 207 S. B'way, Los Angeles, Cal.
Tschirgi, M., & Sons, contractors, Cedar Rapids, Ia.
Tsuma, Numa L., architect, 597 5th av, New York.
Tubb, J. R., see Sparta Spoke Factory (successors).
Tubbs Cordage Co., Kohl Bldg., San Francisco, Cal.
Tubbs, W. F., ski mfr., Norway, Me.
Tubby, Josiah Thomas, Jr., archt., 143 Liberty, New York.
Tubby, Wm. B., architect, 81 Fulton, New York.
Tubesing, Wm. F., & Co., bldg. contrs., 139 Chestnut, Milwaukee, Wis.
Tubman, Wm. S., elevators, 67 Milk, Booston, Mass.
Tubular Htg. & Ventg. Co., hot air furnaces, 232 Quarry, Philadelphia, Pa.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.
Tubular Woven Fabric Co., flexible mtlc. & interior conduits, Pawtucket, R. I.
Tuchschmidt, A. J., architect, 105 N. 7th, St. Louis, Mo.
Tuck, C. H., contractor, Clyde, N. Y.
Tuck Mfg. Co., hdwe. & cutlery mfrs., Brockton, Mass.
Tuck, Raphael, & Sons Co., advtg. post cards, 547 5th av, New York.
Tucker & Brooks, architects, Marlboro, Mass.
Tucker, C. F., & Co., machsts., 93 Green, Newark, N. J.
Tucker & Dorsey Mfg. Co., hdwe. mfrs., racks, trucks, etc., Indianapolis, Ind.
Tucker Duck & Rubber Co., Fort Smith, Ark.
Tucker, E. W., & Co., contractors, 347 Fremont, San Fran., Cal.
Tucker, Edw. A., Co., steel struc'l wk., 101 Milk, Boston, Mass.
Tucker Elec. Constr. Co., elec. contrs. & engrs., 114 W. 30th, New York.
Tucker, F. H. Faye, archt., 8 W. 40th, New York.
Tucker, Geo. C. Co., contrs.' equipt., 53 W. Jackson blvd, Chicago, Ill.
Tucker, J. B., contractor, 19 Beechmont, Worcester, Mass.
Tucker & Laxton, reinf. concrete steel const., Charlotte, N. C.
Tucker Mach. Co., 222 E. 9th, Cincinnati, Ohio.
Tucker Mfg. Co., cements, paints, putty, 17 E. 137th, New York.
Tucker, Seth L., contractor, Hornell, N. Y.
Tucker & Son Boiler Works, Newark, Ohio.
Tucker Tool & Machine Co., hdwe., wholesale, 75 Murray, New York.
Tucker & Vinton, concrete steel const., 216 E. 41st, New York.
Tucker, W. B. & C. F., metal cutting shears, rod cutters, oil hole covers & oil cup mfrs., 516 Asylum, Hartford, Conn.
Tucker, William, landscape architect, 35 Nassau, New York.
Tucker, Wm., architect, 25 W. 43rd, New York.
Tuckers Plating Wks., Rochester, N. Y.
Tuckhorn Francis, glass stainer, 366 Atlantic av, B'klyn, N. Y.
Tucson Lumber Co., Tucson, Ariz.
Tucson Pressed Brick Co., Tucson, Ariz.
Tudor Boiler Mfg. Co., 715 E. 3rd, Cincinnati, Ohio.
Tudor & Jones, bale ties, Weedsport, N. Y.
Tuerck, I. K., bank railings, Portland, Ore.
Tuerck & Mackenzie Mach. Co., 160 E. 3rd, Portland, Ore.
Tuerck Water Motor Co., water motors & wheels, & electric blowers, 172 W. Washington, Chicago, Ill.
Tuerke, Baggage Bldr., trunk mfr., 212 W. Lexington, Balto., Md.
Tufting Mach. Supply Co., 268 E. Jefferson, Detroit, Mich.
Tufts, Arthur, Co., arhitects, Candler Annex, Atlanta, Ga.
Tufts College, engng. schools & coll., Tufts College, Mass.
Tufts Nat'l Meter Co., 455 Commercial, Boston, Mass.
Tufts, Walter B., mill & facty. supps., 94 John, New York.
Tuhey Canning Co., Muncie, Ind.
Tulance Lbr. Co., Orange, Texas.
Tulane Univ. of La., College of Technology, St. Charles av, New Orleans, La.
Tulare County Growers' Assn., canned goods, Porterville, Cal.
Tulite Auto Bulb Co., 2H Columbus Circle, New York.
Tull, J. M., Rubber & Supply Co., mill & facty. supps., Atlanta, Ga.
Tullgren, Martin & Sons, architects, 428 E. Water, Milwaukee, Wis.

Tullgren, Martin, & Sons, contractors, 425 E. Water, Milwaukee, Wis.
Tullis & Blanchard, contractors, 326 E. 42d, New York.
Tullis-Gamble Hardware Co., Montgomery, Ala.
Tullt & McInnis Co., contractors, Grand Central Terminal, New York.
Tully, C. H., Fence Co., Grand Island, Neb.
Tully, Jas. J., soap, 179 Master, Phila., Pa.
Tully, John J., contractor, 326 E. 42d, New York.
Tully, John J., upholsterers' hammers, Louisville, Ky.
Tully Paint & Varnish Co., Tullytown, Pa.
Tuloch, Jno., architect, Sherman, Tex.
Tuloss, I. E., machts. & fndrs., Iowa City, Ia.
Tulsa Automobile Corp., Tulsa, Okla.
Tulsa Boiler & Machy. Co., Tulsa, Okla.
Tulsa Brick Co., Tulsa, Okla.
Tulsa Cabinet Co., furn., Dept. H, Tulsa, Okla.
Tulsa Fuel & Mfg. Co., zinc, Collinsville, Okla.
Tulsa Mach. & Tool Co., Tulsa, Okla.
Tulsa Stove Co., machsts. & fndrs., Tulsa, Okla.
Tulsa Stove & Foundry Co., mfrs., Sand Springs, Okla.
Tulsa Vitrified Brick & Tile Co., Tulsa, Okla.
Tumpach, Jos., Cornice Co., 2431 S. Kedzie av, Chicago, Ill.
Tumulty, P., Jr., contractor, 59 Brunswick, Jersey City, N. J.
Tuna Glass Co., benders, Clarksburg, W. Va.
Tuna Iron & Steel Works, machsts. & fndrs., Bradford, Pa.
Tuna Valley Pressed Brick Co., Bradford, Pa.
Tunglok Silo Co., Interstate Bldg., Kansas City, Mo.
Tungsten Mfg. Co., plugs, spark, Marshalltown, Ia.
Tungstoller Works of General Electric Co., machsts. & fndrs., Cleveland, Ohio.
Tunis, Barton M., carriages, Morristown, N. J.
Tunis & Genther, architects, 1531 Real Estate Trust bldg., Phila., Pa.
Tunison, Willard E., contractor, 262 Greene av, Brooklyn, N. Y.
Tunmore, A. E., contractor, 496 W. Utica, Buffalo, N. Y.
Tunnel, F. W., & Co., fertilizer & glue mfrs., 15 N. 5th, Philadelphia, Pa.
Tunnessen Mfg. Co., miners' safety lamps, Hazleton, Pa.
Tunstead Heating Co., 1019 6th av, S., Minneapolis, Minn.
Tuohy, T. F., & Co., contractors, 89 Main, New York.
Tuorto Cut Stone Co., Belleville, N. J.
Tupelo Cotton Mills, Tupelo, Miss.
Tupelo Fertz Factory, Tupelo, Miss.
Tupelo Oil & Ice Co., Tupelo, Miss.
Tupper, Allen, masons' & bldrs.' matls., 625 S. Peters, New Orleans, La.
Tupper, Jno., ladders, Lynn, Mass.
Turbine Equipment Co., 50 Church, New York.
Turbine Sewer Machine Renovating Co., 197 11th, Milwaukee, Wis.
Turbyfill, David W. T., architect, 3760 Sheffield av, Chicago, Ill.
Turchin Co., portables, 536 W. 23rd, New York.
Turck, Joseph, architect, 770 Bergenline av, West New York, N. J.
Tures Mfg. Co., gasoline lighting systems, 386 6th, Milwaukee, Wis.
Turgeon, E., contractor, 86 Weybosset, Providence, R. I.
Turk, Jos., Mfg. Co., machsts. & fndrs., Bradley, Ill.
Turkeltaub, M., & Son, buckles, buttons, 38 E. 12th, New York.
Turkey Gap Coal & Coke Co., Dott, W. Va.
Turkey Foot Lbr. Co., Cressmont, Ky.
Turl Engng. Co., chemical apparatus & spec. machy., 39 Cortlandt., New York.
Turl Iron & Car Co., Inc. (The), cars, tanks, etc., 50 Broad, New York.
Turley Gear & Machine Co., 1505 N. 10th, St. Louis, Mo.
Turley, H. G., machst., St. Louis, Mo.
Turley, T. J., Co., fertz. mfrs., Owensboro, Ky.
Turnbull, B. F., architect, Everett, Wash.
Turnbull, Bayard, architect, 328 N. Charles, Baltimore, Md.
Turnbull, C. D., architect, Junction City, Ky.
Turnbull, Gilbert M., & Gray, Frank B., architects, 1210 La Salle, Chicago, Ill.
Turnbull, J. W., Lumber Co., Stock Exchange Bldg., Phila., Pa.
Turnbull Mfg. Co., machsts., Wilmington, Ohio.
Turnbull Motor Truck & Wagon Co., Defiance, Ohio.
Turner Asbestos Co., mats, Exeter, N. H.
Turner Bedding Factory, Pine Bluff, Ark.
Turner Brass Works, hdwe. mfrs., heavy, furnaces, stoves & heaters, Sycamore, Ill.
Turner Bros., rubber & ink erasers, 1022 Arch, Phila., Pa.
Turner Bros. Co., glass bottles, Terre Haute, Ind.
Turner, C. A., babbit metal, brattice cloth, mining mach. bits & spike bars, 3rd & Chauncery, Pittsburgh, Pa.
Turner, C. A. P., concrete steel constr., 627 1st av, N., Minneapolis, Minn.
Turner, C. H., machy. dlrs., Statesville, N. C.
Turner, C. H., & Co., contractors, Pensacola, Fla.
Turner, Chas. H., whol. hdwe., Albany, N. Y.
Turner Concrete Steel Co., 1713 Sansom, Philadelphia, Pa.
Turner Constr. Co., 244 Madison av, New York.
Turner Contracting Co., Youngstown, Ohio.
Turner, Daniel, lumber, Lynchburg, Ohio.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
Turner & Deegan, bit braces & screw drivers, Bristol, Conn.
Turner, E. H., flour mills, Henning, Tenn.
Turner, Edward F., contractor, 13 Jackson, Salem, Mass.
Turner, F. A., contractor, 7009 N. Clark, Chicago, Ill.
Turner, F. C., & Co., sashes, doors & blinds, Mobile, Ala.
Turner Fdry. & Mach. Co., 3632 N. Lawrence, Phila., Pa.
Turner Fixture Co., Hannibal, Mo.
Turner-Fricke Mfg. Co., gas engines, Farmers' Bank Bldg., Pittsburgh, Pa
Turner, G. H., Co., plumbers' supps., jobbers, 600 S. San Pedro, Los Angeles, Cal.
Turner, H. H., architect, Board of Education, Grand Rapids, Mich.
Turner, Halsey Co., filter cloth, 62 Leonard, New York.
Turner Hardware & Implement Co., Modesto, Cal.
Turner & Harrison Pen Mfg. Co., 1211 Spring Garden, Philadelphia, Pa.
Turner Heater Co., hot air furnaces, Bristol, Conn.
Turner Heating Co., regulators, 143 Eddy, Providence, R. I.
Turner, Hy, archl. iron, 4737 N. Front, Philadelphia, Pa.
Turner, J. C., Lumber Co, 50 E. 42nd, New York.
Turner, J. H., masons' & bldrs.' matls., Wichita, Kans.
Turner, J. S., Mfg. Co., mill & facty. supplies, Lowell, Mass.
Turner, J. Spencer, Co., cotton duck, etc., 86 Worth, New York.
Turner, J. W., Improvement Co., contractors, Des Moines, Ia.
Turner, Jas., & Sons, sashes, doors & blinds, Grand Forks, N. D.
Turner, Jerry B., sash, door & blind mfrs., Mount Kisco, N. Y.
Turner, Jno. F., common brick, Atlantic City, N. J.
Turner, Jno., Son, machsts., 1108 E. Cary, Richmond, Va.
Turner, John W., architect, 2103 Turner av, Chicago, Ill.
Turner, Laurin H., & Co., brattice cloth, 262 W. Adams, Chicago, Ill.
Turner Lead Co., E. St. Louis, Mo.
Turner, Mac, architect, Hammond, Ind.
Turner Mach. Co., 75 Fulton, New York.
Turner Mach. Co., Phila., Pa., see Turner Fdry. & Mach. Co. (successor).
Turner Machine Co., brass & grey iron castings, hat machinery, etc., Danbury, Conn.
Turner Mfg. Co., mchsts. & fndrs., Port Washington, Wis.
Turner Oil Filter Co., Niles, Mich.
Turner, S. B., & Son, stencils, Norfolk, Va.
Turner & Seymour Mfg. Co., hardware mfrs., machinists & founders, etc., Torrington, Conn.
Turner & Stanton Co., cords, wire goods, etc., Norwich, Conn.
Turner Supply Co., mill & facty. supplies, Mobile, Ala.
Turner Supply Co., plumbers' supplies, jobbers, Chester, Pa.
Turner, T. J., handles, Marked Tree, Ark.
Turner Tanning Machinery Co., hides & leather working machines, Peabody, Mass.
Turner & Vanscoy Co., heating contrs., Wilkes-Barre, Pa.
Turner, W. C., heating contrs., 441 Hubbard av, Detroit, Mich.
Turner, W. R., common brick, Petersburg, Va.
Turner-White Coffin Co., Winston-Salem, N. C.
Turnes, W. J., Co., contractors, 35 S. Dearborn, Chicago, Ill.
Turney, ties, poles & posts, Medora, Ind.
Turney, Albert, architect, 3849 Charlotte, Kansas City, Mo.
Turney, Eugene T., Co., wireless instruments, 2595 3d av, New York.
Turney, Joel, & Co., wagons, sleds, Fairfield, Ia.
Turnock, E. Hill & Son, architect, Elkhart, Ind.
Turnquist Bros., contractors, 217 E. 69th pl. Chicago, Ill.
Turnstall & Arrington, architects, 300 E. Main, Norfolk, Va.
Turon, L. P., architect, Pittston, Pa.
Turon & Swartz, contrs., Pittston, Pa.
Turpin, J. A., contractor, Norfolk, Va.
Turpsene Mfg. Co., turpentine substitute, 1901 Callowhill, Philadelphia, Pa.
Turtle Lake Lumber Co., Grand Rapids, Mich.
Turton, C. B., Co., rosin mfrs., turpentine, 16 Exch. pl, New York.
Turton, L. M., architect, Napa, Cal.
Turveville, Robert E., architect, 301½ Church, Nashville, Tenn.
Tusant, J. E., & Son Co., contractors, Des Moines, Ia.
Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Tuscaloosa Mills, cotton sheetings, Tuscaloosa, Ala.
Tuschinsky, Alex., architect, Indiana Pythian Bldg., Indianapolis, Ind.
Tuscora Sand & Coal Co., 719 Prospect-Hippodrome Bldg., Cleveland, Ohio.
Tuskegee Normal & Industrial School, Tuskegee, Ala
Tuten, W. G., lumber, Letford, Ga.
Tuthill Cut Glass Co., Middletown, N. Y.
Tuthill, J. W., Lumber Co., Sioux Falls, S. D.
Tuthill, S. E., architect, Corning, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Tuthill & Thorn, machsts., Greenport, N. Y.
Tuthill Wm. Burnett, architect, 185 Madison av, New York.
Tutschek, F., surgical instruments, 209 Centre, New York.
Tuttle & Bailey Mfg. Co., grilles, registers & ventilators, 2 W. 45th, New York.
Tutle, Bloodgood, architect, 1 W. 34th, New York.
Tuttle Brick Co., Middletown, Conn.
Tuttle Bros., masons' & bldrs.' matls., Englewood, N. J.
Tuttle Bros., masons' & bldrs.' matls. & sash, door & blind mfrs., Westfield, N. J.
Tuttle, Chas. W., iron rolling mills, ft. of McMaster, Auburn, N. Y.
Tuttle & Clark, harness, trunks, 187 E. Jefferson, Detroit, Mich.
Tuttle & Co., canned goods, McConnellsville, N. Y.
Tuttle, H. Scott, contractor, Swampscott, Mass.
Tuttle Paint & Glass Co., El Paso, Tex.
Tuttle Press Co., bottle caps, paper, etc., Appleton, Wis.
Tuttle, R. & Co., flour, Columbia City, Ind.
Tuttle, Sheridan A., contr., Decatur, Ill.
Tuxbury, A. C., Lumber Co., Charleston, S. C.
Tuzo, Paul B., architect, 151 E. 53rd, New York.
Tweed & Woodruff, contractors, Newburgh, N. Y.
Tweedy Co., soapmakers' supplies, 24 California, San Francisco, Cal.
Tweenden & Mills, contrs., Prov. Bldg., Tacoma, Wash.
20th Century Brass Works, 514 5th av S., Minneapolis, Minn.
20th Centry Brass Wks., cocks, Belleville, Ill.
20th Century Garage, auto, windshields, South Bend, Ind.
20th Century Heating & Ventilating Co., Akron, Ohio.
20th Century Machy. Co., 425 E. Water, Milwaukee, Wis.
20th Century Mineral Flooring Co., composition flooring, 1210 Buttonwood, Philadelphia, Pa.
20th Century Mixer Co., machsts., Connersville, Ind.
20th Century Tire Protector Co., Midlothian, Tex.
Twigg, Jno., & Sons, motor boat bldrs., 698 Illinois, San Francisco, Cal.
Twiggs, A. J., & Sons, contractors, Augusta, Ga.
Twin City Art Glass Works, 14 E. Lacock, Pittsburgh, Pa.
Twin City Bedding Co., mattresses, Marinette, Wis.
Twin City Boiler Works, Inc., Bristol, Va.
Twin City Brick Co., Pioneer bldg, St. Paul, Minn.
Twin City Carriages Works, St. Paul, Minn.
Twin City Co., contractors, 29th & Minnehaha av, Minneapolis, Minn.
Twin City Cut Glass Co., St. Paul, Minn.
Twin City Four Wheel Drive Co., University & Pelham, St. Paul, Minn.
Twin City Fdy. & Mach. Co., Texarkana, Tex.
Twin City Fuel Co., sewer pipe, tile drains, etc., Neenah, Wis.
Twin City Iron & Wire Works, 25 W. Water, St. Paul, Minn.
Twin City Iron Works, Norfolk, Va.
Twin City Lines, steel castings, St. Paul, Minn.
Twin City Lumber Co., North Tonawanda, N. Y.
Twin City Machine Co., Power Bldg., Nic. Isl., Minneapolis, Minn.
Twin City Mill Co., flour, Bristol, Tenn.

Twin City Mission Furn. Co., Dept. H, St. Paul, Minn.
Twin City Oil Co., 210 N. 1st, Minneapolis, Minn.
Twin City Packing Co., meat packers, Menominee, Mich.
Twin City Plbg. Specialty Co., 406 Ravoux, St. Paul, Minn.
Twin City Rapid Transit Co., 11th & Hennepin av, Minneapolis, Minn.
Twin City Separator Co., 30th & Colfax av, S., Minneapolis, Minn.
Twin City Tank Silo & Specialty Co., 38th av, & N. E. 5th, Minneapolis, Minn.
Twin City Tiling Co., floor mosaics, 16 W. North av, N. S., Pittsburgh, Pa.
Twin City Varnish Co., 521 Cleveland av, St. Paul, Minn.
Twin City Welding Co., 313 7th av. S., Minneapolis, Minn.
Twin Dry Cell Battery Co., Superior Viaduct, Cleveland, Ohio.
Twin Fire Furnace Co., grates & furnaces, 38 S. Dearborn, Chicago, Ill.
Twin-O-Matic Machine & Tool Co., Inc., special & automatic machy., jigs, fixtures, guages, etc., 160 John, Brooklyn, N. Y.
Twin Peaks Canning Co., Salt Lake City, Utah.
Twine, H. L., mill & facty. supps., Yonkers, N. Y.
Twine Mills Corp., cotton, Roanoke, Va.
Twining, S. B., & Co., stone producers, Stockton, N. J.
Twinplex Sales Co., razor stroppers, 1602 Locust, St. Louis, Mo.
Twinvolute Pump & Mfg. Co., 55 William, New York.
Twinvolute Pump & Mfg. Co., elec. pumps, 216 High, Newark, N. J.
Twiss Nelson W., machsts., New Haven, Conn.
Twisted Wire & Steel Co., box straps & metal shipping room supplies, 437 11th av, New York.
Twitchell-Champlin Co., canned goods & corn brooms, Portland, Me.
Twitchell Gauge Co., 1516 S. Wabash av, Chicago, Ill.
Twitchell, S., Co., carbonators, 223 Vine, Philadelphia, Pa.
Twitmire, W. T., cornices, Bellefonte, Pa.
Two Lakes Mills Co., lbr., Seattle, Wash.
Two Rivers Dredge & Dock Co., Two Rivers, Wis.
Two Rivers Plating Works, Two Rivers, Wis.
Twohig, James, contractor, Northampton, Mass.
Twohy Bros. Co., contractors, 219 E. 60th, Portland, Ore.
Twohy Bros. Co., contrs., Hobart bldg, San Francisco, Cal.
Tyaskin Packing Co., Tyaskin, Md.
Tyer Rubber Co., Andover, Mass.
Tygart Valley Glass Co., jars, Grafton, W. Va.
Tygert, J. E., Co., fertilizer mfrs., 28 S. Delaware av, Philadelphia, Pa.
Tyler, A. F., Co., sash, door & blind, Athol, Mass.
Tyler-Brandt & Tyler, architects, Richards Bldg., Lincoln, Neb.
Tyler, C. B., turpentine, Albany, Ga.
Tyler Can Co., 1409 Eastern av, Baltimore, Md.
Tyler Coal & Coke Co., Land Title Bldg., Philadelphia, Pa.
Tyler & Co., contractors, 2730 Nicollett av, Minneapolis, Minn.
Tyler Cotton Oil Co., meal, Tyler, Tex.
Tyler & Claytona, architects, 95 Bank, Waterbury, Conn.
Tyler, D. D., fndrs., Millville, N. J.
Tyler, Frank M., architect, Hiberman bldg, Los Angeles, Cal.
Tyler, Fred. A., plumbers' brackets, generators, etc., Albany, N. Y.
Tyler-Hall Chemical Co., wood alcohol, Hancock, N. Y.
Tyler & Hippach, plate glass, 366 W. Ohio, Chicago, Ill.
Tyler, Jas. R., architect, German Ins. Bldg., Rochester, N. Y.
Tyler Mattress Co., H, E. Common, Tyler, Texas.
Tyler Mfg. Co., auto. hdwe., cocoa mats & leather strips, 64 Pearl, Boston, Mass.
Tyler Tube & Pipe Co., Washington, Pa.
Tyler Underground Heating System, 855 Progress, Pittsburgh, Pa.
Tyler, W. J., masons' & bldrs.' matls., Cape May Court House, N. J.
Tyler, W. S., Co., ornamental iron and bronze, wire cloth and screen, etc., Cleveland, Ohio. *See adv index at end of book.*
Tynan, J. W., architect, Arlington, Vt.
Tyne & Willey, contractors, Binghamton, N. Y.
Typeribbon Mfg. Co., 711 S. Dearborn, Chicago, Ill.
Typhoon Fan Co., ventilating fans, 281 Lexington av, New York
Typhoon Signal Co., auto. horns, 20 Chicago, Lincoln, Ill.
Tyre, Philip S., architect, 1509 Arch, Philadelphia, Pa.
Tyrell, B. B., hot air furnace mfrs., Moline, Ill.
Tyrie & Chapman, architects, Auditorium Bldg., Minneapolis, Minn.
Tyroler, Leo., arch'l iron, 101 W. 88th, New York.
Tyrolese Art Glass Co., 25 W. Broadway, New York.
Tyron, Edw. K. Co., sporting goods mfrs., 611 Market, Philadelphia, Pa.
Tyrone Ironing Board Co., Tyrone, Pa.
Tyrone Milling Co., flour, Tyrone, Pa.
Tyrrell, A. H., & Son, machinists, Tyrrell, Ohio.
Tyrrell, Harlan P. machst., Fitchburg, Mass.
Ty-Sa-Man-Mach. Co., Knoxville, Tenn.
Tyson Bros., Inc., rubber substitutes, Woodbridge, N. J.
Tyson Co., ice cream freezers, Canton, Ohio.
Tyson, Frank, cornices, 759 N. Market, Philadelphia, Pa.
Tyson, Herbert, architect, 344 N. Mason av, Chicago, Ill.
Tyson, J., & Son, fertilizer mfrs., Frederick, Md.
Tyson, Jacob L., masons' & bldrs.' matls., 900 Jeff, Phila., Pa.
Tyson & Jones Buggy Co., Carthage, N. C.
Tyson & Stubbs, lbr., Acree, Ga.
Tyson, Wears & Co., contractors, 201 Devonshire, Boston, Mass.
Ubbink, Jos., curb forms, Port Washington, Wis.
Uchtman, F. H., & Co., mattresses, 209 Woodward, Cincinnati, O.
Udall, Jno. C., contractor, 29 W. 34th, New York.
Udell-Predock Mfg. Co., piano benches, 2315 N. B'way, St. Louis, Mo.
Udell Wks., woodenware & novelties mfrs., Indianapolis, Ind.
Udstad, S., machsts., Aurora, Ill.
Uehling Instrument Co., machsts., 71 B'way, New York.
Uehling, Otto C., architect, 425 E. Water, Milwaukee, Wis.
Uezzell, Frederick T., architect, 717 Walnut, Phila., Pa.
Uffendell, Wm. G., architect, 39 S. State, Chicago, Ill.
Uffinger, Justin M., architect, 56 Liberty, New York.
Ufford, Frank M., cotton towels, Norwich, Conn.
Ufherl, Joseph, & Co., contractors, 34 Ophir, Boston, Mass.
Uhdey, C. W., contractor, Warren, Pa.
Uhl, E. E., contr., Dixon, Ill.
Uhl-Jaster Co., contractors, 1900 Euclid av, Cleveland, Ohio.
Uhl, M., & Co., incubators, New Washington, Ohio.
Uhl Pottery Co., Evansville, Ind.
Uhlen Carriage Co., children's carriages, Rochester, N. Y.
Uhler & English, cordage mfrs., 106 N. Delaware, Phila., Pa.
Uhler, J. N., architect, Wapakoneta, Ohio.
Uhlfelder, Leo, Co., bronze powder, 138 W. 14th, New York.
Uhlich, Paul, & Co., chemicals, color mfrs., rubber substitutes, etc., 11 Cliff, New York.
Uhrichsville Clay Co., Uhrichsville, Ohio.
Uihlein, Julius, & Co., mill & facty. supplies, 208 Elm, Cincinnati, Ohio.
Ukiah Milling Co., flour, Ukiah, Cal.
Ulco Oil Co., 65 Hale, Detroit, Mich.
Ulen Contracting Co., 38 S. Dearborn, Chicago, Ill.
Ulery, W. J. Co., cutlery, scissors, pocket knives, razors, tool kits & manicure goods, 258 B'way, New York.
Ulfer Mfg. Co., anti-skid chains, vapor lamps, etc., Freeport, Ill.
Ulinski, A., Bldg. Co., contrs., New Britain, Conn.
Ulko Supply Co., steam fitters' supplies, Cleveland, Ohio.
Ullery, S. W., & Son, mill & facty. supplies, whol. hdwe., Logansport, Ind.
Ullman, D., Sons, scrap iron, steel & rubber, Buffalo, N. Y.
Ullman, Jacob, scrap iron & steel, 84 Oneida, Buffalo, N. Y.
Ullman Mfg. Co., picture frames, 338 E. 59th, New York.
Ullman Philpott Co., roofing paints, 4805 Lexington, Cleveland, Ohio.
Ullman, Sigmund, Co., printing inks, 146th & Park av, New York.
Ullrich, Albert, archit., 373 Fulton, Brooklyn, N. Y.
Ullrich, August G., sash, door & blind mfrs., 3864 Archer av, Chicago, Ill.
Ullrich & Hoffman, architect, 373 Fulton, Brooklyn, N. Y.
Ullrich, J., & Co., fountain pen mfrs., 27 Thames, New York.
Ullrich, R. C., Hardware Co., Mount Clemens, Mich.
Ulmer, J. C., Co., engnr. instrs., designers of special tools, etc., 1791 E. 38th, Cleveland, Ohio.
Ulmer, Jacob, Packing Co., meat packers, Pottsville, Pa.
Ulmer Leather Co., belt cements, Norwich, Conn.
Ulmer, Theo. C., hand made spikes, Richmond & E. Col., Philadelphia, Pa.
Ulmer, Wm. H., Co., stone, ft. of Chestnut, St. Paul, Minn.
Ulrey, A. A., & Co., flour mills, Fairmount, Ind.
Ulrich Co., mill & facty. supplies, shuttles, Paterson, N. J.
Ulrich & Co., polishes, 363 E. North, Buffalo, N. Y.
Ulrich Mfg. Co., agricultural implements, Rock Falls, Ill.
Ulrich Mfg. Co., harness, saddles & strap wk. mfs., Kokomo, Ind.
Ulrich Mill Work Co., Independence, Kans.
Ulseth, Edw., contractor, Calumet, Mich.
Ulster Iron Wks., brass fndrs., Dover, N. J.
Ulster Paint Wks., Ellenville, N. Y.
Ulster Tissue Mills, Inc., Napanoch, N. Y.
Ultcht, A. A., contractor, Mount Vernon, N. Y.
Ultramarine Co., ultramarine blues, 38 Park Row, New York.
Umbach, F. G., agricultural implements, Athens, Ga.
Umberger, J. R., & H. G., machst., Lebanon, Pa.
Umbrecht, Max, archit., Ry. bldg, Seatle, Wash.
Umbrecht & Umbrecht, architect, 214 Prospect av, Syracuse, N. Y.
Umlauf, J. A., machsts., 9 S. 15th, Richmond, Va.
Umphreys, J. F., contr., Homestead, Fla.
Umpqua Cooperative Packing Co., canned goods, Gardiner, Ore.
Umstead Power Ditcher Co., ditching machy., Upper Sandusky, Ohio.
Uncasville Mfg. Co., denims, Uncasville, Conn.
Unckrich Machine Co., Galion, Ohio.
Uncle Sam Oil Co., petroleum, Kansas City, Kans.
Undeland, A. L., chairs (barbers), Omaha, Neb.
Under Feed Stokers Co. of Am., mechanical stokers, Book bldg, Detroit, Mich.
Underground Constr. Co., 106 N. La Salle, Chicago, Ill.
Underhay Oil Co., lubrg., 73 Batterymarch, Boston, Mass.
Underhill Bros., hatches, 6 Sherman, Charlestown, Boston, Mass.
Underhill, Clinch & Co., whol. hdwe., 84 White, New York.
Underhill Dillen, flour mills, Mountain Home, Ark.
Underhill, Harold W., architect, 111 W. Washington, c/o Sinclair Ref. Co., Chicago, Ill.
Underhill Hdwe. Co., Somerville, Mass.
Underpinning & Foundation Co., 290 B'way, New York.
Underwood Comput'g Mach. Co., 260 Gold, Brooklyn, N. Y.
Underwood, F. J., mill & facty. supplies, Jamestown, N. Y.
Underwood, Gilbert S., architect, 400 W. 23rd, New York.
Underwood, H. B., & Co., machy. mfrs., 1025 Hamilton, Philadelphia, Pa.
Underwood, H. B., Corp., machy. mfrs., 1025 Hamilton, Philadelphia, Pa.
Underwood, John, & Co., printing & writing inks, carbon paper, etc., 62 Park pl., New York.
Underwood, Loring, landscape arch., 15 Exchange, Boston, Mass.
Underwood Machy Co., mill & facty. supps., 177 High, Boston, Mass.
Underwood Mfg. Co., loose leaf devices, 717 Sycamore, Cincinnati, Ohio.
Underwood Mercer Construction Co., Springfield, Mo.
Underwood, N., contractor, Durham, N. C.
Underwood Paper Mills, Inc., Plattsburg, N. Y.
Underwood Typewriter Co., 30 Vesey, New York.
Underwood & Underwood, steroscopes, etc., 417 5th av, New York.
Underwood Veneer Co., Wausau, Wis.
Underwood, W., Co., canned goods, 52 Fulton, Boston, Mass.
Underwood Whip Co., Westfield, Mass.
Underwood, Wm. J., machsts., Ava, Ill.
Underwriters Hatch Door Co., 1741 Walnut, Chicago, Ill.
Underwriters' Laboratories, 207 E. Ohio, Chicago, Ill.
Underwriters Safe Co., Toledo, Ohio.
Unger Bros., silver nov., 416 Halsey, Newark, N. J.
Unger, F. S., Plbg. & Htg. Co., cornices, Niles, Ohio.
Unger, John F., Slate Co., slate blackboards, Slatington, Pa.
Unger, John S., ammonium plants, 3344 B'way, Chicago, Ill.
Unger & Park, architects, Storm Lake, Ia.
Unger, Warren, htg. contrs., Shamokin, Pa.
Unger, William, architect, Bucyrus, Ohio.
Unger, Wm., & Bro., silk fringes, tassels, auto. binding, etc., 496 B'way, New York.
Ungerer & Co., oils, 124 W. 19th, New York.
Ungrodt, B., cornices & skylights, Washburn, Wis.
Uniflow Boiler Co., Harrison bldg., Philadelphia, Pa.
Uniform Fibrous Talc Co., 280 Madison, New York.
Unilectric Corp., elec. light plants, 235 Mt. Elliott, Detroit, Mich.

Union Almn. Co., aluminum combs, Doylestown, Ohio.
Union Asbestos & Rubber Co., mill & facty. supplies, 231 S. Wells, Chicago, Ill.
Union Asbestos & Rubber Co., mill & facty. supps., 231 S. Well, Chicago, Ill. *See adv. index at end of book.*
Union Asphalt Construction Co., Lemcke bldg, Indianapolis, Ind.
Union Bag & Paper Corp., 233 B'way, New York.
Union Battery Co., Belleville, N. J.
Union Bed & Spring Co., 4345 5th av, Chicago, Ill.
Union Belt Co., Fall River, Mass.
Union Belting Co., 400 N. 2d, St. Louis, Mo.
Union Bending Wks., neck yokes, Collins, Ohio.
Union Blind & Ladder Co., Oakland, Cal.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Boiler Wks., 67 S. Center, Columbus, Ohio.
Union Bow Co., auto., carriage & wagon bows, Cleveland, O.
Union Box Mfg. Co., Atlanta, Ga.
Union Brass Foundry, Los Angeles, Cal.
Union Brass Fndry. Co., Lowell, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Brick Co., Iola, Kans., San Diego, Cal., & Shamokin, Pa.
Union Bridge & Constr. Co., Shipbldrs., Morgan City, La.
Union Buffalo Mills Co., sheetings, Union, S. C.
Union Builders Co-operative Contr. Co., Dunkirk, N. Y.
Union Building & Constr. Co., masons' & bldrs.' matls., Passaic, N. J.
Union Button Sewing Co., 394 Atlantic av, Boston, Mass.
Union Cap Screw Co., 684 Hendrie, Detroit, Mich.
Union Carbide Sales Co., 30 E. 42d, New York.
Union Carpet Lining Co., 79 Summer, Boston, Mass.
Union Casein Co., 2314 Wood, Philadelphia, Pa.
Union Cement & Lime Co., Louisville, Ky.
Union Chain & Mfg. Co., Seville, Ohio.
Union Charcoal Co., Straight, Pa.
Union Chemical Wks., fertilizer mfrs., North Wales, Pa.
Union City Body Co., auto. bodies, Union City, Ind.
Union City Canning Co., Union City, Tenn.
Union City Carriage Mfg. Co., Union City, Ind.
Union City Chair Co., Union City, Pa.
Union City Hoop & Lbr. Co., Union City, Ind.
Union City Lbr. Co., ties, poles & posts, Grand Rapids, Mich.
Union City Wheel Co., machsts. & fndrs., Union City, Ind.
Union Clay Products Co., Bloomingdale, Ind.
Union Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio.
Union Coal Co., Colorado Bldg., Denver, Colo.
Union Coal & Coke Co., bituminous, Bentleyville, Pa.
Union Coal & Supp. Co., masons' & bldrs.' matls., Union City, Pa.
Union College, engng. school & coll., Schenectady, N. Y.
Union Construction Co., 604 Mission, San Francisco, Cal.
Union Construction & Bldg. Co., Louisville, Ky.
Union Cooperage Co., 2d & Penrose, St. Louis, Mo.
Union Cornice Co., 5 Bark, Providence, R. I.
Union Cotton Mills, Lafayette, Ga.
Union Cotton Oil Co., Fitzgerald, Ga.
Union Cutlery Co., Olean, N. Y.
Union Cypress Co., lumber, Hopkins, Fla.
Union Dist. Co., ethyl alcohol, 3d & Race, Cincinnati, Ohio.
Union Draft Gear Co., McCormick Bldg., Chicago, Ill.
Union Drawn Steel Co., steel products, Beaver Falls, Pa.
Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
Union Dry Rock & Repair Co., Weehawken, N. J.
Union Elec. Co., clamps & inc. lamp coloring, 3721 Grant blvd, Pittsburgh, Pa.
Union Elec. Co., plugs, elec. lamp sockets, etc., Trenton, N. J.
Union Elec. Mfg. Co., comealongs or wire pullers, Pekin, Ill.
Union Electric Mfg. Co., electric controlling apparatus, 110 Reed, Milwaukee, Wis.
Union Elec. Mfg. Co., machsts., South Bend, Ind.
Union Electrical Porcelain Wks., Trenton, N. J.
Union Emblem Co., pins, Palmyra, Pa.
Union Engng. Co., automatic hair pin & spec. machy., & taper pins, Hartford, Conn.
Union Engineering Co., machsts., Cuyahoga & W. 4th, Cleveland, Ohio.
Union Envelope Co., envelope mfrs., Richmond, Va.
Union Excelsior Lubrg. Co., 229 Front, New York.
Union Fertilizer Co., Cullman, Ala., Calif. Bldg., Los Angeles, Cal., & Warrenton, Ga.
Union Fibre Co., Inc., cold storage insulation, etc., Winona, Minn.
Union Filter & Nov. Co., 73 Franklin, New York.
Union Fishermen's Co-operative Packing Co., Astoria, Ore.
Union Forging Co., Union, N. Y.
Union Fork & Hoe Co., Columbus, Ohio.
Union Fdry. & Mach. Co., Ottawa, Kans.
Union Foundry, Uniontown, Pa.
Union Fndry. Co., Anniston, Ala., & Fitchburg, Mass.
Union Foundry Works, First Nat. Bank Bldg., Chicago, Ill.
Union Fuel Co., Reisch Bldg., Springfield. Ill.
Union Furn. Co., Dept. H, Batesville, Ind.
Union Furn. Co., Dept. H, High Point, N. C.
Union Furn. Co., Dept. H, Jamestown, N. Y.
Union Furnace Co., blast, Ironton, Ohio.
Union Furnace Mfg. Co., machsts. & fndrs., Union Furnace, Pa.
Union Furniture Co., music cabinets, Rockford, Ill.
Union Furniture & Nov. Co., Warren, Pa.
Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
Union Gas Engine Co., 351 Montgomery, San Francisco, Cal.
Union Gas Fixture Co., 361 W. 42d, New York.
Union Gear & Mach. Co., 27 Purchase, Boston, Mass.
Union Glass Co., Somerville, Mass.
Union Glue Corp., 32 Water, New York.
Union Granite Co., Portland, Me., & Morrisville & Waterbury, Vt.
Union Guano Co., Winston-Salem, N. C.
Union Hardware Co., Marietta, O., Torrington, Conn., & Union, S. C.
Union Hardware & Metal Co., 411 E. 1st, Los Angeles, Cal.
Union Hide Co., tallow, Third & Harrison, Oakland, Cal.
Union Horse Nail Co., 1524 W. 22d, Chicago, Ill.
Union Insulating & Construction Co., cold storage insulation, 20 W. Jackson blvd., Chicago, Ill.
See adv. index at end of book
Union Interior Finish Co., 5319 S. La Salle, Chicago, Ill.
Union Iron & Brass Fndry., Muncie, Ind.
Union Iron Fdry., Union, S. C.
Union Iron Works, corn & flour mill machy., etc., Decatur, Ill.
Union Iron Wks., machsts. & fndrs., Bellingham, Wash., Hoboken, N. J., Los Angeles, Cal., McAlester, Okla., Minneapolis, Minn., Spokane, Wash., & Sacramento, Cal.
Union Iron Wks., mill & facty. supplies, Bangor, Me.
Union Iron Works, steam boilers, Erie, Pa.
Union Iron Wks. Co., machsts. & fndrs., Selma, Ala.
Union Iron Wks. Co., steel structural wk., etc., 212 12th, Washington, D. C.
Union Jack Co., Bloomfield, Ind.
Union Knitting Mills, sweaters, etc., 44 N. 3d, Philadelphia, Pa.
Union Knitting Mills Co., Logan, Utah.
Union Knitting Wks., sweaters, cardigans, etc., 110 Thatford av, Brooklyn, N. Y.
Union Lathe Wks., York, Pa.
Union Lbr. Co., Crocker bldg, San Francisco, Cal.; Houston, Tex.; New Orleans, La., & Union Mills, Wash.
Union Lime Co., Pabst Bldg., Milwaukee, Wis.
Union Limestone Co., Youngstown, Ohio.
Union Lock Stitch Co., mchsts. & fndrs., E. Boston, Mass.
Union Lthr. Measuring Mach. Co., Daurisport, Mass.
Union Lumber Co., Bakersfield & Crocker Bldg., San Francisco, Cal., Houston, Tex., New Orleans, La., & Union Mills, Wash.
Union Lumber Mfg. Co., Cumberland, Md.
Union Mach. Co., Bartlesville, Okla.; Fitchburg, Mass.; St. Paul, Minn.; San Francisco, Cal., & Worcester, Mass.
Union Machine Works, Oakland, Cal.
Union Mach. Wks., deep well pumps, 367 3rd, San Francisco, Cal.
Union Mach. Works & Iron Fndry., 1821 S. Water, Phila., Pa.
Union Machinery & Supply Co., 500 1st av., S., Seattle, Wash.
Union Malleable Iron Co., East Moline, Ill.
Union Mfg. Co., bread boards, Cambridge, Ohio.
Union Mfg. Co., lathe, drill & planer chucks, grey iron castings, 300 Church st., New Britain, Conn.
See adv. index at end of book
Union Mfg. Co., sashes, doors & blinds, Greenville, Fla.
Union Mfg. & Lumber Co., wooden barrows, Northville, Mich.
Union Match Co., Duluth, Minn.
Union Mattress Co., Owosso, Mich., & Sioux City, Ia.
Union Meat Co., packers, North Portland, Ore., & San Antonio, Tex.
Union Metal Corner Co., metal corner bends mfrs., 18 Heath, Boston, Mass.
Union Metal Goods Co., wire specialties mfrs., Pawtucket, R. I.
Union Metal Mfg. Co., columns & posts, Canton, Ohio.
Union Metal Works, cleanouts, traps, plugs, copper floats, flushing, tanks, etc., Chelsea, Mass.
Union Mfg. Co., lath drill & planer chucks, gray iron castings, 300 Church, New Britain, Conn.
Union Mfg. Co., Inc., stoves, sad irons, etc., Boyerstown, Pa.
Union Mill, paper, Bancroft, Mass.
Union Mill Co., masons' & bldrs.' matls., Santa Barbara, Cal.
Union Mill Gin & Warehouse Co., flour, Corinth, Miss.
Union Mills, sweaters, cardigans, etc., Hudson, N. Y.
Union Mills Paper Mfg. Co., New Hope, Pa.
Union Mining Co. of Alleghany County, fire clay & brick, Mt. Savage, Md.
Union Motor Truck Co., Bay City, Mich.
Union Oil Co. of Cal., 7th & Spring, Los Angeles, Cal.
Union Oil Works, lubricating, Erie, Pa., & Rochester, N. Y.
Union Pacific Coal Co., The, Rock Spring, Wyo.
Union Paint Co., South av & B. & O. R. R., Pittsburgh, Pa.
Union Paper Co., 844 Washington, New York.
Union Paper Mill Co., paper bags, Monongahela, Pa.
Union Paper & Twine Co., 128 St. Clair av, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv. index at end of book.
Union Parlor Furn. Co., 43 Beverley, Boston, Mass.
Union Paving Co., 108 S. La Salle, Chicago, Ill.
Union Pearl Works, handles, buttons, etc., 43 W. 27th, New York.
Union Pencil Co., 33 Union sq, New York.
Union Petroleum Co., lubricating oils & greases, etc., Widener Bldg., Phila., Pa.
Union Pipe Co., Owensville, Mo.
Union Polish Co., 80 Barclay, New York.
Union Polishing & Plating Co., Rochester, N. Y.
Union Porcelain Works, elec. & mechanical spec., 300 Eckford, Brooklyn, N. Y.
Union Portland Cement Co., Ogden, Utah.
Union Printing Ink Co., Akron, O.
Union Products Co., mfrs. "Parlock" binding preparation for plaster, etc., 1248 W. 70th, Cleveland, Ohio.
Union Quarry & Const. Co., stone prod., 4687 Nat'l Bdge. rd, St. Louis, Mo.
Union Radiator Co., Johnstown, Pa.
Union Ry. Supply Co., ties, poles & posts, Real Estate Trust Co., Bldg., Philadelphia, Pa.
Union Refrigerator Co., refrigerators, 20 W. Jackson blvd., Chicago, Ill.
Union Ribbon & Carbon Co., carbon paper & typewriter ribbons, 67 Laurel, Philadelphia, Pa.
Union Rolling Mill Co., Aetna rd. & E. 82d, Cleveland, Ohio.
Union Salt Co., Addison road & L. S. & M. S. Ry., Cleveland, O.
Union Sand & Material Co. See Missouri Portland Cement Co. (successors)
Union Sanitary Mfg. Co., mchsts. & fndrs., Noblesville, Ind.
Union Sardine Co., canned, Lubec, Me.
Union Sanitary Supply, plbrs. supps., Union City, Ind.
Union Sash & Door Co., 213 S. 8th, Minneapolis, Minn.
Union Sawmill Co., Huttig, Ark.
Union School Furnishing Co., dictionary holders, 1034 W. Van Buren, Chicago, Ill.
Union Screen Co., 306 Carpenter, Providence, R. I.
Union Screen Plate Co., screen & suction plates & fasteners, Fitchburg, Mass.
Union Seed & Fertilizer Co., see Amer. Cotton & Oil Co. (successors).
Union Seed & Fertilizer Works, Raleigh, N. C.
Union Sewer Pipe Co., McKeesport, Pa.
Union Sheet Metal Works, cornices, 317 Farnsworth, Detroit, Mich.
Union Shingle Co., lumber, Edmonds, Wash.
Union Shipbldg. Co., Fairfield, Md.
Union Shuttle, Co., Lawrence, Mass.
Union Smelting & Refining Co., St. Charles, Newark, N. J.
Union Smelting & Refining Co., Inc., anti-friction, babbitt, type metals, etc., 63 Park Row, New York.
See adv index at end of book.

Union Soap Co., 214 N. Pearl, Baltimore, Md., & 119 4th pl, Brooklyn, N. Y.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Union Spar Co., spars & masts, Gloucester, Mass.
Union Special Mach. Co., 400 N. Franklin, Chicago, Ill.
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
Union Spoke & Bending Co., Union City, Ind.
Union Spring & Mfg. Co., New Kensington, Pa.
Union Springs Guano Co., fertilizer mfrs., Union Springs, Ala.
Union Stained Glass Co., 708 Columbia rd, Boston, Mass.
Union Starch & Refining Co., syrup, oils (corn), Edinburg, Ind.
Union Steam Pump Co., Battle Creek, Mich.
Union Steel Casting Co., Pittsburgh, Pa.
Union Steel Products Co., Ltd., oven racks, Albion, Mich.
Union Steel & Wire Co., Indianapolis, Ind.
Union Stock Yards Fdy. Co., Chicago, Ill.
Union Stone Co., York, Pa.
Union Storage Co., fertilizer mfrs., Marion, Ala.
Union Stove Lining Co., Taunton, Mass.
Union Stove Wks., 70 Beekman, New York
Union Sugar Co., 310 Sansome, San Francisco, Cal.
Union Sulphur Co., 17 Battery pl, New York
Union Superphosphate Co., 343 Sansome, San Francisco, Cal.
Union Supply Co., mill & facty. supps., Toledo, Ohio.
Union Switch & Signal Co., Swissvale, Pa.
Union Talc Co., 132 Nassau, New York
Union Tank & Pipe Co., 2801H Santa Fe av, Los Angeles, Cal.
Union Thread Co., 69 & Big 4 R. R., Carthage, Cincinnati, O.
Union Timber Co., Aberdeen, Wash.
Union Tool Chest Co., Inc., 129 Mill, Rochester, N. Y.
Union Tool Co., gas engines, oil rig irons, drilling machy., slush pumps, chain tongs, etc., Torrance, Calif.
Union Tool Co., steel dies, 299H Norton, Rochester, N. Y.
Union Traction Co. of Ind. machsts. & frdrs., Anderson, Ind.
vises, etc., Orange, Mass., & Torrance, Cal.
Union Truck Mfg. Co., 250 W. 54th, New York
Union Trunk & Bag Co., Richmond, Va.
Union Twine Co., Canonchet, R. I.
Union Twist Drill Co., Athol, Mass.
Union Typewriter Co., Bridgeport, Conn.
Union Univ. Engng. School, Albany, N. Y.
Union Varnish Co., 3d & Claibourne, New Orleans, La.
Union Wadding, cotton waste, Pawtucket, R. I.
Union Warehouse Co., fertilizer mfrs., Unadilla, Ga.
Union Water Meter Co., water meters, corporations waste stops, chronometer regulators & steam fire whistle mfrs., Worcester, Mass.
Union Waxed & Parchment Paper Co., Hamburg, N. J.
Union Wheel Wks., 53 Stanton, Newark, N. J.
Union Wire Mattress Co., see Union Bed & Spring Co. (successors).
Uniontown Brick Co., Uniontown, Pa.
Uniontown Constr. Co., Uniontown, Pa.
Uniontown Cotton Oil Co., Uniontown, Ala.
Uniontown Hardware & Supply Co., Uniontown, Pa.
Uniontown Roller Mill Co., flour, Uniontown, Ky.
Unique Art Glass & Metal Co., shades, globes, etc., 105 Vandeveer, Brooklyn, N. Y.
Unique Brass Fndry. Co., 841 Grant, Buffalo, N. Y.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Unique Novelty Co., pencils, Independence, Ia.
Unit Const. Co., contrs., Title Guaranty Bldg., St. Louis, Mo.
Unit Weighing & Packing System, machy. mfrs., Scott & McHenry, Baltimore, Md.
United Alloy Steel Corporation, Canton, Ohio
United American Metals Corp. (Syracuse Smelting Wks., subsidiary), metals, electrotype, linotype, etc., 192 Diamond, Brooklyn, N. Y.
United Asbestos & Packing Co., packing mfrs., 619-629 Wash. blvd., Chicago, Ill.
United Auto. Trunk Co., 343 W. 26th, New York
United Autographic Register Co., 2316 W. 43rd, Chicago, Ill.
United Awl & Needle Co., mallets, buttoners, tacks, West Medway, Mass.
United Battery Corp., 42 B'way, New York.
United Boiler Htg. & Fdry. Co., Hammond, Ind.
United Bottle Machy. Co., 90 W. Broadway, New York
United Box Mfg. Co., pckg. box mfrs., Prospect & Guinotte av, Kansas City, Mo.
United Brass & Aluminum Mfg. Co., boiler ejectors, Port Huron, Mich.
United Brass Mfg. Co., plumbers' brass goods, 3844 Hamilton av, Cleveland, O.
United Brick Co., Greensburg, Pa.
United Brush Mfrs., 203 Lafayette, New York
United Box Lbr. Co., Rochester, N. Y.
United Building Co., contrs., White Bldg., Seattle, Wash.
United Butchers' Packing Co., meat packers, 913 Fulton, Chicago, Ill.
United Button Co., 4th av & 17th, New York.
United Casting Co., Los Angeles, Cal.
United Cereal Mills, foods, Quincy, Ill
United Chair Seat & Nov. Co., 53 E. 10th, New York
United Chemical Companies, Kansas City, Mo.
United Chemical & Organic Products Co., steamed bone, glue, gelatine, etc., 111 W. Washington, Chicago, Ill.
United Cigarette Mach. Co., Inc., Lynchburgh, Va.
United Color & Pigment Co., mfrs., Newark, N. J.
United Compound Co., pattern wax, 228 Elk, Buffalo, N. Y.
United Canneries Co. of Cal., Ontario, Cal.
United Constr. Co., 27 James, Albany, N. J.
United Contracting Co., contractors' equipment, 32 United Bldg., Indianapolis, Ind.
United Contracting Co., North Western Bank Bldg., Portland, Ore.
United Cork Cos., 50 Church, New York
United Cornice Wks., 3306 S. Main, Los Angeles, Cal.
United Dressed Beef Co., 1st av & 44th, New York
United Eastern Aeroplane Corp., 1253 De Kalb av, Brooklyn, N. Y.
United Elec. App. Co., rectifiers—burglar alarms, etc., 1529 Columbus av, Boston, Mass.
United Electric Co., vacuum cleaners, Canton, Ohio.
United Elec. Co., Wichita, Kansas
United Elec. Co., elec. motors, 703 W. Van Buren, Chicago, Ill.
United Elec. Supply Co., Marion, Ohio.
United Electrical Const. Co., Junction boxes, 110 S. Dearborn, Chicago, Ill.
United Engine Co., Lansing, Mich.
United Engine & Mfg. Co., Hanover, Pa.
United Engineering & Foundry Co., rolling mill machy., Farmers Bank bldg, Pittsburgh, Pa.
United Engineering Works, Clunie Bldg., San Francisco, Cal.
United Filters Corp., oil & water filters, Felt Bldg., Salt Lake City, Utah.
United Filters Corpn., 65 B'way, New York.
United Fire Brick Co., Uniontown, Pa., & North East, Md.
United Forge & Mach Co., 527-43 Franklin, Detroit, Mich.
United Four Wheel Drive Truck Corp., 29 S. La Salle, Chicago, Ill.
United Furnace Co., Canton, O.
United Gas Improvement Co., Broad & Arch, Philadelphia, Pa.
United Glass Works, 58 Page, San Francisco, Cal.
United & Globe Rubber Co., Trenton, N. J.
United Granite Co., St. Cloud, Minn.
United Hammer Co., pow. ham. mfrs., 45 Bromfield, Boston, Mass.
United Handle Mills, 149 Broadway, New York.
United Hardware & Supply Co., steam fitters' supplies, Titusville, Pa.
United Hdwe. Co., Ltd., whol., 1005H Canal, New Orleans, La.
United Indigo & Chemical Co., (Ltd.), 176 Federal, Boston, Mass.
United Injector Co., 119 W. 40th, New York.
United Iron & Steel Co., blast furns. & coke mfrs., Cleveland, O.
United Iron Wks., mchsts. & fndrs., Oakland, Cal.
United Iron Wks., Inc., machsts. & fndrs., Kansas City, Mo.
United Irrigation & Rice Milling Co., New Orleans, La.
United Kansas Portland Cement Co., Independence, Kansas
United Knit Goods Co., gloves & mittens, 1258 W. 4th, Cleveland, Ohio.
United Knitting Co., sweaters, &c., 17th & Vine, Philadelphia, Pa.
United Lamp Co., Meyers Bldg., Springfield, Ill.
United Lead Co., 111 Broadway, New York
United Lighting Fixture Co., 1149 Mission, San Francisco, Cal.
United Lime & Stone Co., Harrisburg, Pa.
United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.
United Machine & Mfg. Co., Canton, Ohio.
United Malaysian Rubber Co., 2 Rector, New York
United Mfg. & Distributing Co., phonograph motors, tone arms & reproducers, 536 Lake Shore Drive, Chicago, Ill.
United Marble Companies, Rutland, Vt.
United Materials Co., masons' & bldrs.' matls., 618 Mission, San Francisco, Cal.
United Mattress Mach'y. Co., 19 Milk, Boston, Mass.
United Metal Mfg. Co., Inc., Norwich, Conn.
United Metal Spinning Co., shade holders, 103 Mott, New York
United Metals Selling Co., 42 Broadway, New York
United Motors Co., 675 North. N. W., Grand Rapids. Mich.
United Music Stores, phonographs, music rolls, etc., 619H Cherry, Phila., Pa.
United Natural Gas Co., Oil City, Pa.
United Novelty Co., manicure sets, Lancaster, Pa.
United Nut Lock Co., Springfield, Mass.
United Oil Mfg. Co., lubrg., Erie, Pa.
United Oil Mills, Hope, Ark.
United Ornamental Iron Wks., 189 W. Madison, Chicago, Ill.
United Paper Board Co., 171 Madison av, New York
United Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
United Phonographs Corp., Sheboygan, Wis.
United Piece Dye Works, machsts., Lodi, N. J.
United Plumbers Supply Co., 181 E. 108th, New York.
United Printing Mach'y Co., 100 Summer, Boston, Mass.
United Pump & Power Co., Belleview pl. & Larkin, Milwaukee, Wis.
United Refining Co., oils, petroleum, etc., Warren, Pa.
United Roll & Foundry Co., rubber working machy., Ravenna, O.
United Roofing & Mfg. Co., Morris Bldg., Philadelphia, Pa.
United Safety Powder Co., explosives, Louisville, Ky.
United Sales Mfg. Co., advtg. spec., Elmira, N. Y.
United Sash & Door Co., Wichita, Kans.
United Seal Co., meter seals, 239 S. Pearl, Columbus, Ohio.
United Sheet Metal Works, San Francisco, Cal.
United Shoe Machinery Co., machsts. & fndrs., 205 Lincoln, Boston, Mass.
United Smelting & Aluminum Co., Inc., aluminum babbit & nonferrous metals of all kinds, 183 to 189 Commerce, New Haven, Conn.
U. S. A. Co. dress hooks, Shelton, Conn.
U. S. Adding Machine Co., 101 Park av, New York.
U. S. Addressing & Printing Co., 38 Vesey, New York.
U. S. Aero Propeller Co., Milwaukee, Wis.
U. S. Air Compressor Co., Harvard av, Cleveland, Ohio.
U. S. Alloy Corp., ferro-sibicon, 28 E. 42nd, New York.
U. S. Aluminum Co., see Aluminum Co. of Am. (successors).
U. S. Appraisals Co., 161 Summer, Boston, Mass.
U. S. Asbestos Co., asbestos goods mfrs., Lancaster, Pa.
U. S. Asphalt Refining Co., 90 West, New York.
U. S. Auto Gear Shift Co., Eau Claire, Wis.
U. S. Automatic Box Machinery Co., 172 Green, Jamaica Plain, Boston, Mass.
U. S. Automatic Co., Amherst, Ohio.
U. S. Automatic Fire Alarm Co., Kansas City, Mo.
U. S. Automatic Sprinkler Co., 1392 Lexington av, New York.
U. S. Ball Bearing Mfg. Co., machsts., 4535 Palmer, Chicago, Ill.
U. S. Bedding Co., mattresses, St. Paul, Minn.
U. S. Blue Print Paper Co., 327 S. La Salle, Chicago, Ill.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
U. S. Bottle Stopper Co., Haw Tree Creek rd, Woodhaven, N. Y.
U. S. Bottlers' Machinery Co., 2511 Park, Chicago, Ill.
U. S. Brake Shoe Co., machsts. & fndrs., Corry, Pa.
U. S. Bronze Powder Wks., Inc., 220 W. 42nd, New York.
U. S. Broom & Brush Co., 130 N. Wells, Chicago, Ill.
U. S. Broom & Duster Co., 1812 W. 13th, Chicago, Ill.
U. S. Brush Co., hat brushes, Potsdam, N. Y.
U. S. Bung Mfg Co., treenail wedges, 50 S. 2d, Brooklyn, N. Y.
U. S. Bunting Co., Lowell, Mass.
U. S. Button Co., Muscatine, Ia.
U. S. Cabinet Bed Co., 336 Delancey, New York.
U. S. Can Co., Norwood, Cincinnati, Ohio.
U. S. Carriage Co., 319 S. 4th, Columbus, Ohio.
U. S. Cartridge Co., Lowell, Mass.
U. S. Casket Co., Scottdale, Pa.
U. S. Castings Co., malleable iron, 25 Elm, New York.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.

U. S. Casualty Co., insurances, 80 Maiden la, New York.
U. S. Cereal Co., Upper Sandusky, Ohio.
U. S. CHAIN & FORGING CO., Union Arcade, Pittsburgh, Pa.
See adv. index at end of book.
U. S. Chaplet & Supply Co., fndry facings, 140 Cedar, New York.
U. S. Chemical Co., boiler compounds, 3621 Lakeside av, N. E., Cleveland, & Greenville, Ohio.
U. S. Cloth Cutting Machine Co., 414 W. Broadway, New York.
U. S. Clothespin Co., Montpelier, Vt.
U. S. Coal Co. (The), Citizens Bldg., Cleveland, Ohio
U. S. Coal & Coke Co., Carnegie Bldg., Pittsburgh, Pa.
U. S. Coal, Gravel & Sand Co., Baton Rouge, La.
U. S. Color & Chemical Co., 15 Custom House, Boston, Mass.
U. S. Column Co., columns, caps & bases, Erie & Albany, Cambridge, Mass
U. S. Constr. Co., Inc., 1 Liberty, New York.
U. S. Cooperage Co., handles, Malden, Mo.
U. S. Crane Co., locomotive cranes, 122 S. Michigan av., Chicago, Ill.
U. S. Crushed Stone Co., 108 S. La Salle, Chicago, Ill.
U. S. Cutlery Co., Fremont, Ohio.
U. S. Dredge & Dock Co., 29 S. La Salle, Chicago, Ill.
U. S. Drill Head Co., 1950 W. 6th, Cincinnati, Ohio
U. S. Dye Extracts Co., logwood extracts, 801 Vernon av, Long Island City, N. Y.
U. S. E. M. Co., alarms, connectors, ringers, etc., 505 W. 42nd, New York.
U. S. Electric Co., motors, 703 W. Van Buren, Chicago, Ill.
U. S. Elec. Mfg. Co., 300 S. Central av, Los Angeles, Cal.
U. S. Elec. Signal Co, West Newton, Mass.
UNITED STATES ELECTRICAL TOOL CO., air tires, pumps, Cincinnati, Ohio. *See adv. index at end of book*
U. S. Encaustic Tile Works, Indianapolis, Ind.
U.S. Electro Galvanizing Co., 36 Stockton, Brooklyn, N. Y.
U. S. Envelope Co., Springfield, Mass.
United States Electrical Tool Co., electric drills & grinders, 549 W. Washington blvd., Chicago, Ill.
See adv. index at end of book
U. S. Equipt. Co., contr. supplies, 208 S. La Salle, Chicago, Ill.
U. S. EXPANSION BOLT CO., 139-141 Franklin, New York.
See adv index at end of book.
U. S. Fastener Co., 95 Milk, Boston, Mass.
U. S. Faucet Co., 1155 Mission, San Francisco, Cal.
U. S. Ferro Alloys Corp., 30 E. 42nd, New York
U. S. Fidelity & Guaranty Co., insurance, Calvert & Redwood, Baltimore, Md.
U. S. Finishing & Mfg. Co., tin mounting machines, etc., 216 N. Clinton, Chicago, Ill.
U. S. Fire App. Co., Wilmington, Del.
U. S. Fire Escape Counterbalance Co., 177 W. Washington, Chicago, Ill.
U. S. Flag Co., 329 Lock, Cincinnati, Ohio.
U. S. Flexible Metallic Tubing Co., 65 Main, San Francisco, Cal.
U. S. Frumentum Co., 39 S. Chene. Detroit, Mich.
U. S. Furn. Co., Dept. H, Evansville, Ind.
U. S. Gas Fixtures Co., 262 Washington, Newark, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
U. S. Gas Machine Co., Muskegon, Mich.
U. S. Gauge Co., machsts., 37 Liberty, New York
U. S. Glass Co., glass bottles, S. 9th & Bingham, Pittsburgh, Pa.
U. S. Glove Co., Marion, Ohio
U. S. Glue Co., Carrollsville, Milwaukee, Wis.
U. S. Graphite Co., Saginaw, Mich.
U. S. Grate Bar Co., fndrs., Elizabeth, N. J.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Gypsum Co., wall plaster & fireproofing mfrs., 205 W. Monroe, Chicago, Ill.
U. S. Hame Co., hames, wire rings, staple mfrs., Buffalo, N. Y.
U. S. Handle Co., farm tool & wood, Piqua, Ohio.
U. S. Headlight Co., Buffalo, N. Y.
U. S. Heating & Plumbing Co., 744 W. Court, Cincinnati, Ohio.
U. S. High Speed Steel & Tool Corp., 489 5th av, New York
U. S. Hoffman Co., machsts., Syracuse, N. Y.
U. S. Horse Shoe Co., Erie, Pa.
U. S. Inc. Lamp Co., Ewing & Clark avs, St. Louis, Mo.
U. S. Incinerator Co., Buffalo, N. Y.
U. S. Indestructible Gasket Co., gasket mfrs., Church & Fulton, New York. *See adv index at end of book.*
U. S. Industrial Alcohol Co., cologne spirits, 27 William, New York.
U. S. Industrial Chemical Co., 27 William, New York.
U. S. Kellastone Co., sanitary flooring, Chicago, Ill.
U. S. Lace Paper Works, 69 W. Houston, New York.
U. S. Lathe & Mach. Co., Cincinnati, Ohio.
U. S. Leather Co., 204 Essex, Boston, Mass., & 17 Battery pl, New York
U. S. Lens Co., Geneva, N. Y.
U. S. Light & Heat Corp., Niagara Falls, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
U. S. Mach. Gun Co., Meriden, Conn.
U. S. Machine Co., Williamsport, Pa.
U. S. Mach. Tool Co., drilling & milling machy., Cincinnati, O.
United States Malleable Iron Co., Toledo, Ohio.
U. S. Malt Co., 309 Broadway, New York.
U. S. Match Plate Co., Holyoke, Mass.
U. S. Metal Cap & Seal Co., 107 W. 13th, New York.
U. S. Metal Products Co., cornices & skylights, doors, etc., San Francisco, Cal.
United States Metallic Packing Co., 429 N. 13th, Phila., Pa.
U. S. Metals Refining Co., 61 Broadway, New York
U. S. Mica Mfg. Co., 1521 Circle av, Forest Park, Ill.
U. S. Mill Supply Co., 334 S. Water, Providence, R. I.
U. S. Mineral Wool Co., 280 Madison av, New York.
U. S. Molding Machine Co., 968 E. 69th pl, Cleveland, Ohio.
U. S. Mop Co., Toledo, Ohio.
U. S. Motor Truck Co., Covington, Ky.
U. S. Navy Yard, steel casting, Brooklyn, N. Y.
U. S. Needle Concern, 912 West Madison, Chicago, Ill.
U. S. Nickel Co., New Brunswick, N. J.
U. S. Novelty & Mfg. Co., mchsts., Collins & Belt Line, Detroit, Mich.
U. S. Oil & Supply Co., mill & facty. supps., 334 S. Water, Providence, R. I.
U. S. Paper Goods Co., 1224 W. 8th, Cincinnati, Ohio.
U. S. Paper Mills, Chambersburg, Pa.
U. S. Patent Spec. Co., advtg., 606 Washington, New York.
U. S. Piston Ring Co., Irvington, N. J.
U. S. Piston Ring Co., 2108 Superior av, Cleveland, Ohio
U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio.
U. S. Portland Cement Co., Denver, Colo.
U. S. Powder Co., Terre Haute, Ind.
U. S. Pressed Steel Co., steel singletrees & doubletrees, Ypsilanti, Mich.
U. S. Printing Lithograph Co., Robertson av & Beech, Norwood, Cincinnati, Ohio.
U. S. Pulley Covering Co., 212 Washington, New York.
U. S. Radiator Corp., cast iron boilers & radiators, 133 E. Grand R., Detroit, Mich.
U. S. Rail Co., Cumberland, Md.
U. S. Rattan Co., Hoboken, N. J.
U. S. Refining Co., fire resisting paints, 1291 W. 11th, Cleveland, O.
U. S. Register Co. (Ltd.), Battle Creek, Mich.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
U. S. Rocking Grate Bar Co., 2825 W. Harrison, Chicago, Ill.
U. S. Roofing Tile Co., Parkersburg, W. Va.
U. S. Rubber Co., all kinds of rubber goods, 1790 Broadway, New York.
U. S. Rubber Co., mill & facty. supps., San Francisco, Cal.
U. S. Rubber Reclaiming Co., 42nd st Bldg., New York.
U. S. Safety Gas Machine Co., Belleville, Ill.
U. S. Sand Paper Co., Williamsport. Pa.
U. S. Sanitary Effuents Separating App., 35 Nassau, New York.
U. S. Sanitary Mfg. Co., enam. bath tubs, Arrott Bldg., Pittsburgh, Pa.
U. S. Sanitary Septic Tank Co, see Speed & Kearney (successors).
U. S. Scale Factory, mchsts. & fndrs, Terre Haute, Ind.
U. S. Shape & Pipe Bending Co., 315 Howard, San Francisco, Cal.
U. S. Sherardizing Co., New Castle, Pa.
U. S. Shipbldg Corp., 26 Cortlandt, New York.
U. S. Silica Co., 122 S. Michigan av, Chicago, Ill.
U. S. Slicing Mach. Co., mchsts. & fndrs., 189 N. Dearborn, Chicago, Ill., & La Porte, Ind.
U. S. Smelting, Refining & Mining Co., spelter, etc., 120 Broadway, New York
U. S. Smelting Co., white arsenic, Midvale, Utah.
U. S. Smelting Furnace Co., Dept. H, Belleville, Ill.
U. S. Smelting, Refining & Mining Co., 55 Congress, Boston, Mass., & Salt Lake City, Utah.
U. S. Smelting & Wire Works, bar solder, 1615 Spring Garden, Philadelphia, Pa.
U. S. Specialty Co., fishing bait, S. A. & K. Bldg., Syracuse, N. Y.
U. S. Specialty Co., manicure sets, Middletown, Conn.
U. S. Spring Bed Co., Springfield, Mass.
U. S. Spruce Lumber Co., Marion, Va.
U. S. Stamping Co., drip pans, Moundsville, W. Va.
U. S. Standard Co., acet. gas machines, Voorheesville, N. Y.
U. S. Steel Erection Co., Buffalo, U. Y.
U. S. Steel Furniture Co., filing cabinets, Syracuse, N. Y.
U. S. Steel Products Co., 30 Church, New York.
U. S. Steel Tank & Pipe Co., exhaust & blow piping, 2090 Canalport av, Chicago, Ill.
U. S. Stoneware Co., acid proof stoneware, Akron, Ohio.
U. S. Sugar Co., Madison, Wis.
U. S. Supply Co., mill & facty. & plumbers' supplies, jobbers, Omaha, Neb.
U. S. Supp. Co., mill supp., Tulsa, Okla.
U. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
United States Tack Co., shoe nails, etc., New Bedford, Mass.
U. S. Tent & Awning Co., 227 N. Desplaines, Chicago, Ill.
U. S. Theatre Equipment Corp., 1604 Broadway, New York.
U. S. Tire Co., Broadway & 58th, New York.
U. S. Tool Co., punches, dies, etc., 3160 W. 106th, Cleveland, Ohio.
U. S. Tractor Co., Minneapolis. Minn.
U. S. Trimming Co., fringes, tassels, etc., 1410 N. 6th, Phila, Pa.
U. S. Typewriter Ribbon Mfg. Co., 124 S. 8th, Phila., Pa.
U. S. Varnish Co., 2616 Colerain, Cincinnati, Ohio.
U. S. Wall Pocket Mfg. Co., Inc., 304 E. 23rd, New York.
U. S. Water & Steam Supply Co., machy dlrs., 1315 W. 12th, Kansas City, & Rockville, Mo.,
U. S. Welding Co., 155 Lafayette, New York.
U. S. Whip Co., Westfield, Mass.
U. S. Willow Furniture Co., 13th & Grand, Hoboken, N. J.
U. S. Wind Engine & Pump Co., Batavia, Ill.
U. S. Window Glass Co., Morgantown, W. Va.
U. S. Wire Mat Co., fly swatters, clinker hooks, porch swings, etc., Decatur, Ill.
U. S. Wood Preserving Co., 165 Broadway, New York.
U. S. Woven Label Co., 45 W. 34th, New York.
U. S. Zinc Co., Pueblo, Colo.
United Steel & Wire Co., broilers, carriers, stools, etc., Battle Creek, Mich.
United Suit Case Co., 1345 5th av, Pittsburgh, Pa.
United Supply Co., machy. dlrs., Spokane, Wash.
United Supp. Co., mill & facty. supp., Brunswick, Ga.
United Supply & Mfg. Co., rail loaders, 332 S. Michigan, Chicago, Ill.
United Telepherage Co., 101 Park av, New York.
United Trimming Co., 16 W. 39th, New York.
United Vacuum Appliance Co., Connersville, Ind.
United Vacuum Sweeper Co., carpet sweepers, 2445 W. 19th, Chicago, Ill.
United Varnish Co., 248 Green, Long Island City, N. Y.
United Vending Co., talking scales, Cleveland, Ohio.
United Verde Copper Co., Clarkdale, Ariz.
United Verde Copper Co., Jerome, Ariz.
United Waste Mfg. Co., cotton waste, Troy, N. Y.
United Wire & Supply Co., seamless brass & copper tubing & gold & silver plated wire, etc., Elmwood Station, Providence, R. I.
United Wire Tire Co. See Bates Valves Bag Co. (successors)
United Zinc Smelting Corp., 99 John, New York.
Unitube Auto Radiator Corp., Rochester, N. Y.
Unity Cotton Mills, La Grange, Ga.
Unity Mfg. Co., boring tools & steel spacing washers, 4227 Lorain av, Cleveland, Ohio.
Unity Mfg. Co., spec. machy., screw products & sheet metal stamping, 224 N Halstead, Chicago, Ill.
Unity Paper Mills, Inc., Potsdam, N. Y.
Unity Sand & Stone Co., Greensburg, Pa.
Unitype Co., typesetting machs., 30 Monitor, Jersey City, N. J.
Universal Battery Co., gasoline lighting systems, 3410 S. La Salle, Chicago, Ill.

Universal Boring Machine Co., boring bars & machinery, Hudson, Mass.
Universal Broom Co., W. 13th & Cowart, Chattanooga, Tenn.
Universal Brush Co., 181 Quincy, Chicago, Ill.
Universal Button Fastening & Button Co., 680 Fort av, Detroit, Mich.
Universal Cabinet Co., cedar chest, 1737 N. Paulina, Chicago, Ill.
Universal Cable Grip Co., guy anchors, manhole guards, Skaneateles, N. Y.
Universal Camera Co., 240 E. Ontario, Chicago, Ill.
Universal Carbon Co., elec. lamp flashlights, Dundee, Ill.
Universal Chain Co., Stroudsburg, Pa.
Universal Coatings Corp., waterproofing matls., 104 Broad, New York.
Universal Coating Corp., 44 Pearl, New York.
Universal Co., maps, 37 Barclay, New York
Universal Compound Co. See Universal Coating Corp. (successors)
Universal Constr. Co., Empire Bldg., Pittsburg, Pa.
Universal Cornice & Roofing Co., 2241 S. Troy, Chicago, Ill.
Universal Crane Co., Swetland bldg, Cleveland, Ohio.
Universal Crushed Stone Co., 29 S. La Salle, Chicago, Ill.
Universal Crusher Co., Cedar Rapids, Ia.
Universal Cutter Co., textile machy., supplies, etc., 4567 Scott av, St. Louis, Mo.
Universal Drafting Mach. Co., 1426 W. 3d, Cleveland, Ohio.
Universal Drum Trap Cover, 753 E. 39th, Chicago, Ill.
Universal Elec. & Spec. Mfg. Co., junc. boxes, New Orleans, La.
Universal Electric Stage Lighting Co., 240 West 50th, New York
Universal Elec. Welding Co., 30 E. 42d, New York.
Universal Engrng Co., cannery retorts, 462 Fillmore, San Francisco, Cal.
Universal Equipment & Supply Co., valve grinders, tools, etc., 107 N. Franklin, Syracuse, N. Y.
See adv index at end of book.
Universal Fdry. Co., gray iron casting & patterns, Oshkosh, Wis.
Universal Film Mfg. Co., 1600 Broadway, New York
Universal Fixture Corp., racks display, 133 W. 23rd, New York.
Universal Flexible Conduit Co., flexible metal hose, 109-111 Tichenor, Newark, N. J.
Universal Fluxine Co., brazing compounds, Urbana, Ohio.
Universal Form Clamp Co., 14 No. May, Chicago, Ill.
Universal Fruit Stand Co., Johnson City, Tenn.
Universal Grinding Mach. Co., Fitchburg, Mass.
Universal Hardware & Supply Co., 79 Greenpoint av, Brooklyn, N. Y.
Universal Heater Mfg. Co., 1000-02 N. Vanderventer av, St. Louis, Mo.
Universal Hoist & Mfg. Co., Cedar Falls, Ia.
Universal Indicator Co., voting machines, 210 Syracuse, Milwaukee, Wis.
Universal Industrial Corp., hose clamps, Hackensack, N. J.
Universal Label Weaving Co., Paterson, N. J.
Universal Lubricating Co., Schofield Bldg., Cleveland, Ohio.
Universal Machine Co., Bowling Green, O.
Universal Machine Co., machinery manfrs., 501 E. Preston, Baltimore, Md.
Universal Mach. & Tool Co., Canton, O.
Universal Mach. Works, metal novelties, 1060H Germantown av, Phila., Pa.
Universal Machy. Co., 784 30th, Milwaukee, Wis.
Universal Mfg. Co., advtg. spec., 18-20 Pike, Chicago, Ill.
Universal Metal Spinning & Stamping Co., lanterns, 69 Wooster, New York.
Universal Milking Mach. Co., H, Michigan av, Columbus, Ohio.
Universal Motor Co., Oshkosh, Wis.
Universal Novelty Wks., dry batteries, elec. toys, flashlights, etc., 164 5th av, New York.
Universal Nozzle Co., Indianapolis, Ind.
Universal Oil Co., Wilmington, N. C.
Universal Oxygen Co., Sheboygan, Wis.
Universal Paper Bag Co., New Hope, Pa.
Universal Pattern Wks., 909 State av, Cincinnati, Ohio.
Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.
Universal Printing Co., coin wrappers, Erie, Pa.
Universal Printing Ink Co., 225 W. 39th, New York.
Universal Ry. Supply Co., signals, 122 S. Michigan av, Chicago, Ill.
Universal Register Co., 226 W. Ontario, Chicago, Ill.
Universal Rim Co., 140 S. Dearborn, Chicago, Ill.
Universal Road Machy. Co., Kingston, N. Y.
Universal Rolling Mill Co., Bridgeville, Pa.
Universal Roofing Tile Co., 3690 Milwaukee, Chicago, Ill.
Universal Safety Mattress Co., Baltimore, Md.
Universal Safety Tread Co., stair treads, Waltham, Mass.
Universal Sanitary Mfg. Co., advtg. novelties, 1482 B'way, New York.
Universal Sanitary Mfg. Co., plumbers' sanitary earthenware, &c., New Castle, Pa.
Universal Screen Co., 2700 Long Beach av, Los Angeles, Cal.
Universal Service Co., automobiles, 1120 Grand River, Detroit, Mich.
Universal Shear & Mfg. Co., 38 Littleton av, Newark, N. J.
Universal Shipbldg. Co., Houston, Tex.
Universal Shock Eliminator Co., 1881 B'way, New York.
Universal Skylight Co., 519 E. 73d, New York
Universal Spec. Co., can openers, 33 E. Kinney, Newark, N. J.
Universal Specialty Co., hoods—motor, New Leader Bldg., Cleveland, Ohio.
Universal Spec. Co., Terre Haute, Ind.
Universal Stamp Works, 252 Market, Newark, N. J.
Universal Steel Cabinet Co., 2026 Pacific, Brooklyn, N. Y.
Universal Supply Co., mill & factory supplies, Newark, Ohio.
Universal Supply Co., plumbers' supplies—jobs., Newark, N. J.
Universal Tire Protector Co., Angola, Ind.
Universal Tobacco Mach. Co., 98 Murray, Newark, N. J.
Universal Tool Co., Inc., re-boring cylinders, Dept. H, Garwood, N. J.
Universal Trolley Wheel Co., Northampton, Mass.
Universal Tube Co., 321 W. Ohio, Chicago, Ill.
Universal Type Making Mach. Co., 732 Federal, Chicago, Ill.
Universal Valve Co. See Burlington Brass Wks. (successors)
Universal Ventilating Co., 14th & Oak, Kansas City, Mo.
Universal Winding Co., textile machinery mfrs., 95 South, Boston, Mass.
Universe Mfg. Co., advtg. nov. & spec., 2218 Vine, Phila., Pa.
University Apparatus Co., laboratory, Berkeley, Cal.
University Bag Co., traveling, 185 Franklin, Boston, Mass.
University of Akron, engng. schools & coll., Akron, Ohio.
University of California, engng. schools & coll., Berkeley, Cal.
University of Cincinnati, Tech. School Engng. School & Coll., Burnet Woods pk., Cincinnati, Ohio.
University of Detroit Engng. Dept., engng. schools & coll., 348 E. Jefferson, Detroit, Mich.
University of Illinois College of Engng., engng. schools & colleges, Urbana, Ill.
University of Ky., engng. schools & college, Lexington, Ky.
University of Michigan, engng. school & coll., Ann Arbor, Mich.
University of Minn., engng. school & coll., S. E. Minneapolis, Minneapolis, & University Farm, St. Paul, Minn.
University of Missouri School of Engng., engng. schools & coll., Columbia, Mo.
University of Notre Dame, engng. school & coll., Notre Dame, Ind.
University of Oregon, engng. schools & coll., Eugene, Ore.
University of Pa., engng. school & coll., S. 34th cor. Woodland av., Philadelphia, Pa.
University of Pittsburgh, engng. school & coll., Grant blvd. & Parkman, Pittsburgh, Pa.
University of the South, engng. school & coll., Sewanee, Tenn.
University of Tennessee, engng. school & coll., Knoxville, Tenn.
University of Vermont & State Agricultural Coll., Burlington, Vermont.
University of Washington, engng. school & coll., Seattle, Wash.
University of Wisconsin, engng. school & coll., Madison, Wis.
University Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Unkefer, Geo. R., Co., varnish arch. finish & enamels, 1827 Le Claire av, Chicago, Ill.
Unkelback, Max J., architect, New Britain, Conn.
Uno-lite Co. of America, portables, Indianapolis, Ind.
Uno Mfg. Co., metal polish, 6433 Ravenswood av, Chicago, Ill.
Uno Ventilator Co., "Uno" revolving ventilator mfrs., Cliftondale, Mass.
Unruh, E. N., contractor, Bradford, Pa.
Unsinger Razor Blade Co., Fremont, Ohio.
Untersee, F. Joseph, architect, 585 Boylston, Boston, Mass.
Unterbrink, Henry, contr., Alton, Ill.
Unzicker, B., brick, Peru, Ill.
Upchurch, W. J., lbr., Thomasville, Ga.
Updike, Eston, common brick, Charlotteville, Va.
Updike, J. B., & Co., lumber mfrs., Vincennes, Ind.
Updike Milling Co., flour, Omaha, Neb.
Upham & Agler, lumber mfrs., Throop S. of 22d, Chicago, Ill.
Upham, Chas. S., contr., Odell, Ill.
Upham, V. B., & Bro., rivet mfrs., 30 Hudson av, Brooklyn, N. Y.
Upholsterer, trade publication, 373 4th av, New York.
Upjohn Co., pharmaceuticals, Kalamazoo, Mich.
Upjohn, Hobart B., architect, 456 4th av, New York.
Upland Coal & Coke Co., Upland, Pa.
Upland Foundry & Machinery Co., Upland, Cal.
Upman, Frank, architect, Woodward Bldg., Washington, D. C.
Upright Shingle Co., Bellingham, Wash.
Upshaw Bros., fertilizer, Douglasville, Ga.
UPSON CO., fibre boards, tile, wall boards, etc., Lockport, N. Y.
See adv. index at end of book.
Upson County Oil Mills, Thomaston, Ga.
Upson Nut Co., Cleveland, Ohio.
Upson-Walton Co. of N. Y. (The), cordage rope & twine mfrs.—wire, etc., 291 B'way, New York.
Upson-Walton Co., ship handlers, 1294 W. 11th, Cleveland, Ohio
Up-to-Date Advtg. Co., metal, wood, cardboard & muslin signs, rulers, yard sticks, thermometers, etc., Canisteo, N. Y.
Up-to-Date Mfg. Co., bank & office railings, arch'l iron, etc., Terre Taute, Ind.
Up-to-Date Tool Co., designers & builders of special machinery, 81 Wareham, Boston, 18 Mass.
See adv. index at end of book.
Upton Co., lumber mfrs., Charlotte, N. Y.
Upton, F. R., crushed stone, 9 Clinton, Newark, N. J.
Upton & Gilman Machine Co., Lowell, Mass.
Upton, H. Desmond, architect, 20 Broadway, New York.
Upton, Henry A., lumber, North Reading, Mass.
Upton, Louis M., architect, 452 Montgomery, San Francisco, Cal.
Upton Machine Co., machsts. & fndrs., St. Joseph, Mich.
Urania Lumber Co., Ltd., Urania, La.
Uraniumite Co. of Am., fndry. flues, 609 Main, Buffalo, N. Y.
Urbain, Jules, Jr., architect, 155 N. Clark, Chicago, Ill.
Urban, C. Emlen, architect, Woolworth Bldg., Lancaster, Pa.
Urban Concrete Co., 30 E. 42d, New York.
Urban, Geo., Milling Co., flour, Buffalo, N. Y.
Urban, Henry, architect, 908 Price, Savannah, Ga.
Urbana Broom Co., Urbana, Ohio.
Urbana Canning Co., Urbana, Ohio.
Urbana Egg Case Co., Urbana, Ohio.
Urbana Furn. Co., Dept. H, Urbana, Ohio.
Urbana Packing Co., meat, Urbana, Ohio.
Urbana Tool & Die Co., cutting, Urbana, Ohio.
Urbanek, Chas. A., architect, 1423 Savers av, Chicago, Ill.
Urbauer-Atwood Htg. Co., 1450 S. 2nd, St. Louis, Mo.
Urick Foundry Co., Erie, Pa.
Urie-Snyder Iron Works Co., mining screens, Kansas City, Mo.
Uris, Abe, Iron & Steel Corp., 38 S. 8th, Brooklyn, N. Y.
Uris, Harris H., Iron Works, 521 W. 26th, New York.
Urmston-Shipley Lbr. Co., Moncks Corner, S. C.
Urquhart, J. B., architect, Columbia, S. C.
Urquhart's, Jno. S., Son & Co., mill & facty. supplies, 131 Liberty, New York.
Ursem, L. J., Art Shade Co., glass stainers, Columbia Bldg., Cleveland, Ohio.
U-Sav-Your Mfg. Co., auto. dressing & polish, Warren, Mass.
Usem Co., push buttons, 505 W. 42nd, New York
Ursery, L. C., turpentine, Graham, Ga.
Usona Mfg. Co., arch'l iron, 826 S. 18th, St. Louis, Mo.
Usona Mfg. Co., elec. lamp & lantern flashlights, 1 Hudson, N. Y.
Usona Mfg. Co., sheet roofing fasteners, paints, etc., Aurora, Ill.
Utah Bedding & Mfg. Co., Salt Lake City, Utah.
Utah Canning Co., Ogden, Utah.
Utah Casket Co., Salt Lake City, Utah.
Utah Condensed Milk Co., Richmond, Utah.
Utah Contr. Co., Phelan Bldg., San Francisco, Cal.
Utah Construction Co., Ogden, Utah.

Utah Copper Co., miners, 25 Broad, New York
Utah Corrugated Culv. & Flume Co., Woods Cross, Utah.
Utah Fire Clay Co., Salt Lake City, Utah.
Utah Fuel Co., coal mine, Salt Lake City, Utah
Utah-Idaho Sugar Co., Salt Lake City, Utah.
Utah Machy. Co., mill & facty. supps., Salt Lake City, Utah.
Utah Oil Refining Co., petroleum & products, Salt Lake City, Utah.
Utah Packing & Prov. Co., meat, Salt Lake City, Utah.
Utah Potash Co., Trenton, N. J.
Utah-Salduro Co., potash, etc., Salt Lake City, Utah
Utah Soap Co., Salt Lake City, Utah.
Utahna Delevopment Co., clothes washing machs., 4254 Vista av, St. Louis, Mo.
Utecht, August, soap, South Stillwater, Minn.
Utermohle, G. A., & Co., burning brands, stamps, etc., 133 Cheapside, Baltimore, Md.
Utica Armature Works, Utica, N. Y.
Utica Bedding Factory, mattresses, Utica, N. Y.
Utica Brass & Machine Co., Fort Worth, Tex.
Utica Brass Works, fndrs., Utica, N. Y.
Utica Canning Co., Utica, N. Y.
Utica Carbon & Wax Paper Co., ribbons & carbons, Utica, N. Y.
Utica Cutlery Co., pocket knives, etc., Utica, N. Y.
Utica Drop Forge & Tool Co., nippers & pliers, Utica, N. Y.
Utica Duxbak Corp., sporting goods mfrs., Utica, N. Y.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Utica Fire Brick & Clay Co., Utica, Ill.
Utica Fire Sand Co., Utica, Ill.
Utica Gas & Electric Co., water gas tar, Utica, N. Y.
Utica Glass Co., Utica, Ohio.
Utica Heater Co., Utica, N. Y.
Utica Hydraulic Cement Co., Utica, Ill.
Utica Knitting Co., Utica, N. Y.
Utica Novelty & Mill Spec. Co., textile machinery, Utica, N. Y.
Utica Plumbing Supply Co., 328 Lafayette. Utica. N. Y.
Utica Sales & Specialty Co., envelope sealing machines, Utica, N. Y.
Utica Steam Engine & Boiler Works, Utica, N. Y.
Utica Steam & Mohawk Valley Cotton Mills, sheetings, Utica, N. Y.
Utica Valve & Fixture Co., gas meter cocks, Utica, N. Y.
Utica Willowvale Bleaching Co., cotton sheetings, Chadwicks, N. Y.
Utility Battery Co., 123 W. Madison, Chicago, Ill.
Utility Car Co., auto bldrs., Richmond, Ind.
Utility Co., polishes, soap, auto switches, plugs, etc., 636 W. 44th, New York.
Utility Compressor Co., air tire & vacuum pumps, 1165 Harper av, Detroit, Mich.
Utility Constr. Co., New Brunswick, N. J.
Utility Mfg. Co., carpet beaters, Sturgis, Mich.
Utility Mfg. Co., packing box mfrs., Goldsboro, N. C.
Utility Mfg. Co., tea strainers, 1816-24 Lancaster, Baltimore, Md.
Utility Mfg. Co., valves, Dept. H, Squire & Kingham, Cudahy, Wis.
Utility Mfg. Co., wall scrapers, 11 N. 6th, Philadelphia, Pa.
Utility Shade Co., Tenafly, N. J.
Utility Stove & Range Co., Indianapolis, Ind.
Utley-Holloway Saw Mill Co., Inc., lbr., Clayton, La.
Utke, Julius E., contractor, Marinette, Wis.
Utility Tool & Die Co., jigs, etc., 2942 Monroe, Toledo, O.
Utter, W. H., & Son, smoked pipes, Olean, N. Y.
Uvalde Asphalt Paving Co., 1 Broadway, New York.
Uvalde Gin & Milling Co., flour, Uvalde, Tex.
Uvalde Rock Asphalt Co., Cline, Tex.
Uxbridge Cotton Mills, North Uxbridge, Mass.
Vac Liquid Equip. Co., Cedar Rapids, Ia.
Vacca Cosmo, concrete contr., Bristol, Conn.
Vacuo-Static Carbon Co., Rochester, N. Y.
Vacuum Ash & Soot Conveyor Co., Wilson av, Newark, N. J.
Vacuum Bait Co., North Manchester, Ind.
Vacuum Cotton Picking Mach. Co., St. Louis, Mo.
Vacuum Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.
Vacuum Dyeing Mach. Co., textile, Chattanooga, Tenn.
Vacuum Glass Co., Lynn, Mass.
Vacuum Heating Co., Juniper & Cherry, Philadelphia, Pa.
Vacuum Oil Co., Rochester, N. Y.
Vacuum Soap Co., 180 Oxford, Philadelphia, Pa.
Vacuum Spec. Co., bottles, 200 5th av, New York.
Vacuum Washer Co., Ripon, Wis.
Vade, Louis H., architect, 220 S. Michigan av, Chicago, Ill.
Vaden Fertilizer & Supply Co., Gretna, Va.
Vadnais, E., & Sons, carriages, North Adams, Mass.
Vadnais, H. L., contractor, 22½ W. 7th, Salt Lake City, Utah.
Vahan Products Co., screw machine products, 73rd & St. Clair, Cleveland, Ohio.
Vail, Alva E. V., architect, Northfield, Minn.
Vail Bros., almond meal, 2344 N. 5th, Philadelphia, Pa.
Vail Cooperage Co., Ft. Wayne, Ind.
Vail, F. E., cornices & skylights, Bennington, Vt.
Vail Galvanizing Plant, 211 Commercial, Boston, Mass.
Vail, Morrison H., architect, Dixon, Ill.
Vail Rubber Co., 144 W. 27th, Chicago, Ill.
Vaile-Kimes Co., water motors, gauges, pumps, etc., Dayton, Ohio.
Vaile & Young, sheet metal work, Ridgely & Bush, Baltimore, Md.
Vajen Helmet Co., smoke helmets, Richmond, Ind.
Valders Canning Co., Valders, Wis.
Valders Lime & Stone Co., Valders, Wis.
Valecia Evaporated Milk Co., canners, Madison, Wis.
Valentine, Anthony P., Jr., architect, 212 High (Gtn.), Philadelphia, Pa.
Valentine, Chas. M., architect, 158 Summer av, Newark, N. J.
Valentine, Chas. W., architect, 405 B'way, Milwaukee, Wis.
Valentine-Clark Co., lumber, Security Bldg., Minneapolis, Minn.
Valentine & Co., crushed stone & sand, Asheville, N. C.
Valentine & Co., varnish mfrs., 456 Fourth av, New York.
Valentine, Ell, contractor, Ossining, N. Y.
Valentine, F. S., Co., contrs., Springfield, Mas..
Valentine, I. M., Mach. Co., Ozark, Ala.
Valentine, J. E., poles, Abilene, Kan.
Valentine, M. D., & Bro. Co., fire brick, Woodbridge, N. J.
Valentine Seaver Co., furniture, 1721H Sedgwick, Chicago, Ill.
Valentine, Thos. J., Jr., contractor, St. Mary's, Pa.
Valentyne Mfg. Co., grain elevators, Minneapolis, Minn.
Valerio, Francesco, contr., Stamford, Conn.
Valerio, Francis M., architect, 600 Blue Island av, Chicago, Ill.
Valeur, H. O., & Co., architects, Phœnix Bldg., Muskogee, Okla.
Valhalla Co., chlorinators, 5332 B'way, Chicago, Ill.
Valier & Spies Milling Co., flour, Marine, Ill.
Valk, L. B., architect, 129 W. 3rd, Los Angeles, Cal.
Valkenburgh, E. P., architect, Middletown, N. Y.
Vallas, Wm. H., cornices, 2855 W. Lake, Chicago, Ill.
Valleau Mfg. Co., gold leaf, 506 Broome, New York.
Vallejo Carriage Wks., Vallejo, Cal.
Vallett, Henri, architect, 11 North av, New Rochelle, N. Y.
Valley Boat Co., motor boat bldrs., Saginaw, Mich.
Valley Camp Coal Co., bituminous, Rockefeller Bldg, Cleveland, Ohio
Valley Canning Co., Newberg, Ore.
Valley Cash Canning Co., Montvale, Va.
Valley City Desk Co., Grand Rapids, Mich.
Valley City Lbr. Co., Ltd., Thomaston, Mich.
Valley City Mach. Wks., Grand Rapids, Mich.
Valley City Milling Co., flour, Grand Rapids, Mich.
Valley City Welding & Mfg. Co., piston rings, Valley City, N. Dakota
Valley Constr. Co., North Yakima, Wash.
Valley Cornice & Slate Co., 314 N. Hamilton, Saginaw, Mich.
Valley Creek Lbr. Co., Rochester, N. Y.
Valley Electric Co., motors, etc., 3157 S. Kingshighway, St. Louis, Mo.
Valley Forge Cutlery Co., 101 Duane, New York.
Valley Forging Co., Verona, Pa.
Valley Foundry & Machine Works, Fresno, Cal.
Valley Grey Iron Fdry. Co., Saginaw, Mich.
Valley Iron Wks., 81 E. Water, St. Paul, Minn., and Williamsport, Pa.
Valley Iron Works Co., machsts. & fndrs., Appleton, Wis.
Valley Lumber Co., Phoenix, Ariz.; Reader, Ark., & 110 Market, San Francisco, Cal.
Valley Meat Co., packers, Marysville, Cal.
Valley Mills Cotton Oil Co., meal, Valley Mills, Tex.
Valley Mould & Iron Corp., fndrs., Sharpsville, Pa.
Valley Packing Co., Lebanon, Ohio.
Valley Packing Co., meat, 3673 Colerain av, Cincinnati, Ohio.
Valley Paper Co., Holyoke, Mass.
Valley Plbg. & Supp. Co., mill & facty. supps., Brownsville, Tex.
Valley Shingle Co., Lowell & Mineral, Wash.
Valley Springs Milling Co., flour, Valley Springs, Ark.
Valley Star Stove Co., founders, glass house molds, 29th & B. & O. R. R., Wheeling, W. Va.
Valley Tie & Lumber Co., Staunton, Va.
Valley Waste Mills, cotton waste, La Grange, Ga.
Valley Woolen Mills, blankets (horse & cattle), Marlboro, N. H.
Valliant, E. S., & Son, fertilizer mfrs., Church Hill, Md.
Valliant, W. H., & Bros., canned gds., Bellevue, Md.
Vallonia Canning Co., Vallonia, Ind.
Vallowe Bros., masons' & bldrs.' matls., Homestead, Pa.
Valvatone Wood Needle Co,, Kansas City, Mo.
Valve Bag Co. of America, 3440-3444 Summit av, Toledo, Ohio.
See adv index at end of book.
Valvoline Oil Co., 11 B'way, New York.
Valz Granite Co., Barre, Vt.
Van Ackeren Bros., flour, Cedar Rapids, Neb.
Vanadium Alloys Steel Co., die blocks, billets, etc., Latrobe, Pa.
Vanadium Corp. of Am., alloys, Equitable Bldg., New York
Vanadium Metals Co., Vanadium Bldg., Pittsburgh, Pa.
Van Aken, C. M., Cooperage Co., 141 B'way, New York.
Van Aken, Chas. H., Co., contractors, 148 W. 4th, New York.
Van Aken, Geo. J., contractor, Poughkeepsie, N. Y.
Van Alen Canning Corp., Ogden, Utah.
Van Alen & Co., nails, rolling mills, etc., Northumberland, Pa.
Van Alen, Wm., architect, 111 E. 40th, New York
Van Alstine, G. M., contractors, Ithaca, N. Y.
Van Alstyne Cotton Oil Co., meal, Van Alstyne, Tex.
Van Alstyne Roller Mills, flour, Van Alstyne, Tex.
Van Alstyne, Walter, & Co., contractors, Rockford, Ill.
Van Alyea Thos., architect, 424 Jefferson, Milwaukee, Wis.
Van Amringe Granite Co., 167 Tremont, Boston, Mass.
Van Amringe, Theo., & Son, emery & pumice stone importers, 81 Fulton, New York.
Van Antwerp, Dudley S., architect, 44 Church, Jersey City, N. J.
Van Arnam Mfg. Co., plumbers' supplies, Fort Wayne, Ind.
Van Arsdale, Wm., bridle bits, Racine, Wis.
Vanardsdell, R. S., flour mills, Vanardsdell, Ky.
Van Ashdale, Harris Lbr. Co., Dept. H, 5th & Brannan, San Francisco, Cal.
Van Assche, F., architects, horticultural, 150 Fulton av, Jersey City, N. J.
Van Atta, E. B., & Co., hydraulic presses, Olean, N. Y.
Vanatta, Mrs. F. M., cornices, Boonville, Mo.
Vanatta, John C., contractor, Brookston, Ind.
Van Auken, Geo. H., architect, 1265 B'way, New York.
Van Auken Rice Corp., fuel economizers, Adams, N. Y.
Van Bebber Bros., machinists, Petaluma, Cal.
Van Benthuysen, B., architect, 49 Sheridan av, Albany, N. Y.
Van Bergh Silver Plate Co., Rochester, N. Y.
Van Blerck Motor Co., marine engines, 30 Church, New York.
Van Bree, Arie, Sons, whol. hdwe., Grand Rapids, Mich.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Van Brocklin & Son, knitted gloves, Amsterdam, N. Y.
Van Brunt, A., & Co., archts., Reliance Bldg., Kansas City, Mo.
Van Brunt, C. P., Mfg. Co., sash, door & blind, Moscow, Pa.
Van Brunt, J. A., & Co., Inc., nails, wire & steel sheets, 114 John, New York
Van Brunt, J. C., & Sons, lumber, 291 Monroe, New York.
Van Brunt & Hartz, architects, Kansas City, Mo.
Van Brunt Mfg. Co., agricultural implements, Horicon, Wis.
Van Brunt, R. B., buhr stones, 17 State, New York.
Van Buren Bros., loose leaf devices, 1950 Warren av, Chicago, Ill.
Van Buren, Charles, architect, Newark, N. Y.
Van Buren, J. M., & Co., paper & pulp mills, Mellenville, N. Y.
Van Buskirk & Bro., masons' & bldrs.' matls., Pottstown, Pa.
Van Buskirk, H., architect, 110 W. 40th, New York
Van Buskirk, John W., ladders, Lawrence, Mass.
Van Camp, Geo., & Sons Co., canned goods, Westfield, Ind.
Van Camp Hardware & Iron Co., 401 W. Maryland, Indianapolis, Ind.
Van Camp & Newdigate, carriages, Mays Lick, Ky.
Van Camp Packing Co., canned goods, Indianapolis, Ind.
Van Camp Sea Food Co., canners, San Pedro, Cal.
Van Camp Varnish Co., 4476 E. 71st & Belt Line, Cleveland, O.
Vance & Baker Mfg Co., machsts. & fndrs., Muscatine, Ia.

Vance, Charles H., architect, Westchester, Pa.
Vance Contracting Co., 1st Nal. Bank Bldg., Birmingham, Ala.
Vance, D. T., raw mica, Plumtree, N. C.
Vance, E. J., Box Co. (Ltd.), Bay City, Mich.
Vance, F. W., Co., canned goods, Columbia City, Ind.
Vance, J. A., & Co., machinists, Winston-Salem, N. C.
Vance, J. L., & Co., fertilizer mfrs., Chilhowie, Va.
Vance, J. W., & Co., whol. lbr., 214 Front, San Francisco, Cal
Vance, Jas. R., steam fitters' supplies & heaters, Geneva, N. Y.
Vance, John A., contr., Elmwood, Ill.
Vance, John C., Iron & Steel Co., whol. hdwe., Chattanooga, Tenn.
Vance, Jos. M., architect, 24 North, Pittsfield, Mass.
Vance-Lucke Co., heating contrs., 416 Home, Cincinnati, Ohio.
Vance Lbr. Co., Malone, Wash.
Vance, R. B., flour mills, Abingdon, Va.
Vance-Velter Co., traps, steam, Phipps Power Bldg., Pittsburgh, Pa.
Van Cleeck, E. L., architect, Santa Cruz, Cal.
Van Cleef Bros., hand soap, 7711 Woodlawn av, Chicago, Ill.
Van Cleef, Henry C., archt., 71 Livingston, Brooklyn, N. Y.
Vancouver Flour Mills Co., Vancouver, Wash.
Vancouver Lbr., Vancouver, Wash.
Vancouver Lbr. Co., Ltd. (Vancouver Cedar Mills, Ltd.), 343 S. Dearborn, Chicago, Ill.
Vanda Co., packing mfrs., 25th & Madison av, New York.
Van Dalsem, W. S., architect, Danville, Ky.
Van Damme, T., architect, Mount Clemens, Mich.
Vandaveer, Jennings, Co., brick, Houston, Tex.
Van Dan, Elgen B. M., contr., East St. Louis, Ill.
Van De Carr Paper Co., Stockport, N. Y.
Van de Carr & Stacy, contractors, Hudson, N. Y.
Vanderbeck & Sons, lbr., Green, Jersey City, N. J.
Vanderbeek, Nelson K., architect, Englewood, N. J.
Vander Bent, T. J., architect, 101 Park av, New York
Vanderbilt, Clarance A., silver nov., 132 W. 14th, New York.
Vanderbilt, Cornelius, General Contr's. Co., West New Brighton, N. Y.
Vanderbilt, E. D., Co., masons' & bldrs.' matls., Hoboken, N. J.
Vanderbilt, Edw. W., ties, poles, etc., 126 Liberty, New York.
Vanderbilt, R. T., Co., clay miners & shippers, 50 E. 42nd, New York.
Vanderbilt Univ., engng. school & coll., Nashville, Tenn.
Van Deren Hardware Co., Lexington, Ky.
Van Derhoort Hdwe. Co., belt dressing, Lansing, Mich.
Vandergrift Box Co., crates, Vendergrift, Pa.
Vandergrift & Morris, bolts, nuts, machy. guards, Shelbyville, Ind.
Vander Heyden, Fred H., brick, Ionia, Mich.
Vanderhoof Lime Co., Hamburg, N. J.
Vanderhoof, Peter, & Sons, Co., contractors, 285 Broad, Newark, N. J.
Vanderhorst-Bellingham Co., architects, Kalamazoo, Mich.
Van Der Horst, Henry L., contrs., Kalamazoo, Mich.
Vanderlip, H. E., & Co., steel struct. dlrs., 19 S. La Salle, Chicago, Ill.
Vanderman Mfg. Co., machsts. & fndrs., pipe vises, Willimantic, Conn.
Van der Naillen's School of Engng., Sharon Bldg., San Francisco, Cal.
Vanderoef, John J., & Son, masons' & bldrs.' matls., Montgomery, N. Y.
Vanderpool, Wm., auto jacks & tire vulcanizers, Springfield, O.
Vanderslice-Stahmer Shoe Co., Davenport, Ia.
Vanderveer, John, architect, Dubuque, Ia.
Van Dervoort Hdwe. Co., mill & facty. supps., Lansing, Mich.
Van Dervoort Supply Co., masons' & bldrs.' matls., Jamestown, N. Y.
Vandervort, John, machst., Laceyville, Pa.
Vande Water Mfg. Co., pliers, wrenches, screw drivers, tool kits, Newburgh, N. Y.
Vanderweil, Garret, contractor, Paterson, N. J.
Vanderwerf Co., contractors, 1738 E. 23d, Cleveland, Ohio.
Van Der West & Pease, architects, Muskegon, Mich.
Van Deusen, C. A., meat packers, Hudson, N. Y.
Van Deusen, H. M., Whip Co., Westfield, Mass.
Van Deusen, J. E., masons' & bldrs.' matls., Gowanda, N. Y.
Van Deusen & Baumberger, contrs., Greenville, Ill.
Van de Venter & Son, canned goods, Dundee, Mich.
Vandevort, R. G., architect, Bellevue, Pa.
Van Dinter, Louis & Son, organs, Mishawaka, Ind.
Vandivort, Wm. M., machsts., Nowata, Okla.
Van Doorn Co., ornamental iron; grilles, etc., Quincy, Ill.
Van Doorn, Wallace, & Son, contractors, 229 W. 36th, New York.
Van Doren, E. I., electrical fixtures, Troy, N. Y.
Van Doren Roofing & Cornice Co., Seattle, Wash.
Vandoren, Wm. C., architect, Morristown, N. J.
Van Dorn Coupler Co., car couplers & ends, & draw-bar attachments, 2325 S. Paulina, Chicago, Ill.
Van Dorn & Dutton Co., gearing, 2978 Woodhill rd, Cleveland, Ohio.
Van Dorn Electric Tool Co., 2978 Woodhill rd, Cleveland, Ohio.
Van Dorn Iron Works Co., steel office furniture, facty equipt., etc., 2700 E. 79th, Cleveland, Ohio.
Van Dorn, Jos. H., architect, 35 Warren, New York.
Van Dorp, L., cornices & skylights, Topeka, Kans.
Van Duvne, Orlin S., machsts., Boonton, N. J.
Van Duzen, E. W., Co., bell fndrs., pump mfrs., etc., 428 E. 2d, Cincinnati, Ohio.
Van Dyck, A. R., architect, McKnight Bldg., Minneapolis, Minn.
Vandyck Churchill Co., machy. dlrs., 85 Liberty, New York.
Van Dyck Panel Mfg. Co., car ceilings, Bound Brook, N. J.
Van Dyk & Co., amyl salicylate benzoyl chloride, synthetic oils, etc., 6 Platt, New York.
Van Dyke Smelting & Refining Wks., Inc., 94 Van Dyke, B'klyn, N. Y.
Vandyke Piano Mfg. Co., Scranton, Pa.
Vane-Calvert Paint Co., 1601 N. Broadway, St. Louis, Mo.
Van Emon, B. C., Elevators, Inc., 235 1st, San Francisco, Cal.
Vanes, Jno., Boiler Works Co., Brazil, Ind.
Van Expansion Bolt Mfg. Co., 4845 N. Lowell av, Chicago, Ill.
Van Fleet Mfg. Co., machsts., Joliet, Ill.
Van Fossan, Jefferson P., contractor, Rockville, Ind.
Van Garrett, Jr., Esq., archt., Pasadena, Cal.
Vang Construction Co., Cumberland, Md.
Van Gel, John, & Sons, meat packers, 153 W. Russell av, St. Louis, Mo.
Van Gilder, Ralph Hayes, architect, Ocean City, N. J.

Vanguard Mfg. Co. See Motor Products Corp. (successors)
Van Guilder, Arthur, architect, 2148 W. 103rd, Chicago, Ill.
Van Guilder Double Wall Co., concrete bldg. machy., Wayne Bldg., Rochester, N. Y.
Van Gundy, J. A., contractor, Lancaster, Ohio.
Van Gundy & Thomas, masons' & bldrs.' matls., Rockfield, Ind.
Van Gunten, O., architect, 64 E. Van Buren, Chicago, Ill.
Van Gunten, Tellman G., architect, 1318 S. 7th, Maywood, Ill.
Van Guysling, W. H., architect, 1 Clinton sq, Albany, N. Y.
Van Horn & Loven, architects, 209 7th, Bismarck, N. D.
Van Horn, Oliver H., Co., Inc., machy. dlrs., mill & facty. supplies, 518 Camp, New Orleans, La.
Van Horn Shingle Co., Van Horn, Wash.
Vanhorne, D. A., & Co., plate glass, 311 Mt. Pleasant av, Newark, N. J.
Van Horne, Philip T., architect, Sterling, Ill.
Van House, Max Allen, architect, Daly Bank Bldg., Butte, Mont.
Van Houten, A. B., & Son, contractors, Paterson, N. J.
Van Houten, E. J. S., burners, mantles, 96 Park pl, New York.
Van Houten, Ersskine, contractor, 201 E. 68th, New York.
Van Hoven, John H. H., metal & brass signs, 42 E. 9th, New York.
Van Hoy & Son, contractors, Loogootee, Ind.
Van Iderstine, C. C., contractor, Marquette, Mich.
Van Iderstine Co., tallow, Long Island City, N. Y.
Van Ingen, Hendrik, architect, Cutler Bk. Bldg., Rochester, N. Y.
Van John Range Co., 5th & Broadway, Cincinnati, Ohio.
Van Kannel Revolving Door Co., 250 W. 54th, New York.
Van Keulen & Winchester Lumber Co., Grand Rapids, Mich.
Van Keuren & Son, masons' & bldrs.' matls., 501 Passaic av, Newark, N. J.
Van Kirk, J. L., & Son, contractors, Canton, Ohio.
Van Kirk, John P., masons' & bldrs.' matls., Laporte, Ind.
Van Kirk, M. L., & Son, architects, Waterloo, N. Y.
Van Kirk, P. S., Co., contractors, Paterson, N. J.
Van Laak Mfg. Co., brooms, 3281 Harrison, San Francisco, Cal.
Van Laanen, Arnold, common brick, De Pere, Wis.
Van Landegend, G. A., cornices, Holland, Mich.
Van Landegend, Tyler, cornices, Holland, Mich.
Vanleer Bros., lumber, Brookville, Pa.
Vanleer, E. S., masons' & bldrs.' matls., Manasquan, N. J.
Van Leyen Schilling, Keough & Reynolds, architects, 3440 Cass, Detroit, Mich.
Van Loon, F. W., contractor, Denckla Bldg., Philadelphia, Pa.
Van Maldern F., stone carvers, 5th & Jumonville, Pittsburgh, Pa.
Van Meter, W. W., contractor, New Orleans, La.
Vannatta, A. L., machst. & fndr., Columbia, Mo.
Van Natta Aluminum Wks., 920 W. 12th, Erie, Pa.
Van Nerta, George O., archt., Treasury Dept., Washington, D. C.
Van Ness, M. B., machinist, Welsh, La.
Van Ness Slate Co., tubs, 29 Camp pl, Newark, N. J.
Vanneste Bros., chicory mfrs., Capsac, Mich.
Vannevar, Edmund B., & Co., water closet mfrs., 85 Atlantic av, Boston, Mass.
Van Noorden, E., & Co., cornices & skylights, etc., 100 Magazine, Boston, Mass.
Van Norman Machine Tool Co., machine tool mfrs., Wilbraham av, Springfield, Mass.
Van Nort Carbon Brush Co., St. Louis, Mo.
Van Nostrand Saddlery Co., Muscatine, Ia.
Vannote Lumber Co., Point Pleasant, N. J.
Van Nouhuys Machine Works, Albany, N. Y.
Vannucci, Joseph L., architect, 1024 Main, Bridgeport, Conn.
Van Nuys, P. C., architect, Somerville, N. J.
Van Orden, Matthew Co., masons' & bldrs.' matls., Houghton, Mich.
Van Ormer, Roy H., architect, 7030 Franktown av, Pittsburgh, Pa.
Vanosdell, Clark, machinist & founder, Eldon, Mo.
Van Patten, C., contractor, Salem, Ore.
Van Pelt, Geo. H., cutting dies, 440 W. Huron, Chicago, Ill.
Van Pelt, Jno., architect, 126 E. 59th, New York.
Van Pool Bros., contractors, Janesville, Wis.
Vanport Brick Co., fire, Farmers' Bank Bldg., Pittsburgh, Pa.
Van Pottery Co., domestic china, Trenton, N. J.
Van Rensselaer, O. H., architect, 908 W. 66th, Los Angeles, Cal.
Van Rhienen Constr. Co., 353 40th, Milwaukee, Wis.
Van Riper Mfg. Co., mill & facty. supplies, Paterson, N. J.
Van Roden, Frank, contractor, Rutherford, N. J.
Van Ryn & De Gelleke, architects, Caswell blk, Milwaukee, Wis.
Van Sant-Houghton Co., contractors, 503 Market, San Francisco, Cal.
Van Sant, J. R., Construction Co., Dwight Bldg., Kansas City, Mo.
Vansant, Kitchen & Co., lumber mfrs., Ashland, Ky.
Van Sant, Robt. L., contrs., Fullerton Bldg., St. Louis, Mo.
Vansant, S. G., ship bldr., Atlantic City, N. J.
Van Schaack Bros. Chemical Works, oil (fuel), 3358 Avondale, Chicago, Ill.
Van Schaak, P., & Sons, whol. drugs, 118 W. Lake, Chicago, Ill.
Van Seetendael, Arthur J., archt., 15 N. B'way, Yonkers, N. Y. N. Y.
Van Sickel Co., lbr., Usina, Pa.
Van Sickle, W. B., heating contrs., 707 Frankfort av, Cleveland, Ohio.
Van Sicklen Co., speedometers, Elgin, Ill.
Van Slyck, Chas. B., architect, Beacon, N. Y.
Van Slyke, F. J., & Son, machsts., Linesville, Pa.
Van Slyke-Woodruff & Muller, architects, Reynolds Bldg., Fort Worth, Tex.
Van-Smith Bldg. Material Co., 276H E. Bay, Charleston, S. C.
Van Steen, J. H., Co., masons' & bldrs.' matls., Beatrice, Neb.
Vanstone, Walter, cornices, 2910 E. 18th, Kansas City, Mo.
Vantassel, R. H., feed & flour mills, Corry, Pa.
Van Teylingen, J., architect, Great Falls, Mont.
Van Tilburg Oil Co., lubrg., 2424 University av, S. E., Minneapolis, Minn.
Van Tine, G. N., masons' & bldrs.' matls., Caro, Mich.
Vantyne, Roland M., archt., Peyton Bldg., Spokane, Wash.
Van Valkenburg, L. D., pen clips, stationers' specialties, water filters, etc., Holyoke, Mass.
Van Vechten & Son, mill supplies, 18 Warren, New York.
Van Vlandren & Culver, architects, 140 Market, Paterson, N. J.
Van Vleck & Goldsmith, architects, 111 5th av, New York.
Van Volkenburg, Forest D., architect, Kalamazoo, Mich.
Van Vorhies, A. A., & Co., horse collars, Sacramento, Cal.

Van Vorst, C. B., Co., mattresses, Los Angeles, Cal.
Van Wembke, H. F., carriages, Elgin, Ill.
Van Wagner, E. B. Mfg. Co., see Precision Castings Co., Inc. (successor).
Van Wagner, Geo. E. B., masons' & bldrs.' matls., Hyde Park, N. Y.
Van Wagoner-Linn Constr. Co., 1133 B'way, New York.
Van Weelden, H., architect, Babylon, N. Y.
Van Wert Novelty Co., match safes, Van Wert Co.
Van Wie Pump Co., 715 W. Fayette, Syracuse, N. Y.
Van Winkle, J. A., Co., steamfitters' supps., 168 Main, Paterson, N. J.
Vant Woud Rubber Co., rubber bath sprays, 168 39th, Brooklyn, N. Y.
Van Wyck & Stringham, buckwheat flour, Fishkill Plains, N. Y.
Van Zandt Gas Appliance Co., parlor gas grates, 4050 Olive, St. Louis, Mo.
Van Zandt Iron Wks., Fort Worth, Tex.
Valparaiso Univ. engng. schools & coll., Valparaiso, Ind.
Vapo-Cresoline Co., disinfectants, 62 Cortland, New York.
Vapor Heating Co., North American bldg, Philadelphia, Pa.
Vapor Regulator Co., temperature regulators, 3203 Columbia av, Philadelphia, Pa.
Vapor-Vacuum Heating Co., Otis Bldg., Philadelphia, Pa.
Vapor Valve Co., pneu. spray brushes, St. Louis, Mo.
Vare, Edwin H., contractor, Lincoln Bldg., Philadelphia, Pa.
Varian Bros., architects, 400 Oliver pl, New York.
Varian, Chester C., architect, 741 E. 232d, New York.
Varian & Varian, architects, Gas & Elec. Bldg., Denver, Colo.
Varick, Jno. B., Co., mill & facty. supplies, whol. hdwe., Manchester, N. H.
Variety Iron & Steel Work Co., steel plate work, etc., Hamilton av & E. 40th, Cleveland, Ohio.
Variety Iron Wks., grey iron castings, Seattle, Wash.
Variety Mfg. Co., fireproof doors, shutters, etc., 2958 Carroll av, Chicago, Ill.
Varley, Geo., & Sons, contractors, 29 Hudson, Newark, N. J.
Varn & Platt Co., canned goods, Savannah, Ga.
Varner, J. M., masons' & bldrs.' matls., Sasser, Ga.
Varney Elec'l. Supply Co., Indianapolis, Ind.
Varney, H. C., furnaces & bake ovens, Leavenworth, Kans.
Varney Htg. & Mfg. Co., see Varney, H. C. (successor).
Varney, Isaac, & Sons Co., box shooks, Fall River, Mass.
Varney, N. E., miners' candlesticks, Denver, Colo.
Varney, Penn, architect, 25 Exch., Lynn, Mass.
Varney, Ralph W., architect, 105 S. La Salle, Chicago, Ill.
Varney & Varney, architects, 70 Wabash Bldg., Detroit, Mich.
Varnum, Percy E., contractor, Lowell, Mass.
Varon, David I., architect, 108 E. 31st, New York.
Varone Bros., contrs., 287 Davenport, Bridgeport, Conn.
Varrone, Crescent L., architect, Corona, N. Y.
Varwig Mfg. Co., electric pumps, 120 Opera pl, Cincinnati, O.
Vasconcellos & Sons, contractors, Jacksonville, Ill.
Vasil Steam Systems Co., Wash. Loan & Tr. Bldg., Washington, D. C.
Vass Chemical Co., Danbury, Conn.
Vassar Knitting Wks., Bay City, Mich.
Vassas Freres, briar wood, 28 Front, New York.
Vassiloros Contr. Co., 154 Nassau, New York.
Vaughan Constr. Co., H. Peters Trust Bldg., Omaha, Nebr.
Vaughan & Bushnell Mfg. Co., hdwe. mfrs., 2114 Carroll av, Chicago, Ill.
Vaughan, Geo. C., & Sons, lbr., San Antonio, Tex.
Vaughan, H. C., Lbr. Co., Mobile, Ala.
Vaughan, H. G., contractor, 68 Post, San Francisco, Cal.
Vaughan & Kibbe, contractors, Springfield, Mass.
Vaughan, Louis, architect, Blair, Neb.
Vaughan Lbr. Co., see Vaughan, Geo. C., & Sons (successor).
Vaughan Motor Wks., 475 E. Main, Portland, Ore.
Vaughan Novelty Mfg. Co., advertising specialties, 703 Fulton, Chicago, Ill.
Vaughan-O'Neil & Co., glass stainers, 82 Sudbury, Boston, Mass.
Vaughan Paint Co., Columbus & Big 4, Cleveland, Ohio.
Vaughn Foundry Co., Norwich, Conn.
Vaughn, J. T., boot counters, Haverhill, Mass.
Vaughn, L., Co., sash, door & blind mfrs., 1153 Westminster, Providence, R. I.
Vaughn Lbr. Co., Houston, Tex.
Vaughn Machinery Co., The, rubber & wire mill machinery, Cuyahoga Falls, Ohio *See adv. index at end of book*
Vaughn Mfg. Co., agricultural implements, Jefferson, Wis.
Vaughn, S. Hudson, architect, Atlantic City, N. J.
Vaughn Mfg. Co., agrl. implt. mfrs., Morris, Minn.
Vautrin, Peter J., contr., Galveston, Tex.
V. & D. Elec. Co., lamps, Franklin, Ohio.
Veach, J. M., Co., flour, Adairsville, Ga.
Veale Bros., contractors, Hazleton, Pa.
Veazie, W. D., & Co., lbr., West Thornton, N. H.
Vecco Co., talking mach. motors, 248 Boylston, Boston, Mass.
Vedovi, G. A., burlap impts., 29 B'way, New York.
Veeder & Brown, lumber mfrs., Schenectady, N. Y.
Veeder Mfg. Co., cyclometers, odometers, counters, speed counters, tachometers, etc., Sargent & Garden, Hartford, Conn.
Veedersburg Paver Co., Veedersburg, Ind.
Veerac Co., automobile bldrs., Anoka, Minn.
Veeser, Frank, archl. iron, 228 E. 150th, New York.
Vega Separator Co., Fostoria, Ohio.
Vegliante, Anton L., architect, Garfield, N. J.
Vehicle Spec. Co., washers, Hartford, Conn.
Vehicle Supply Co., neck yokes, Cairo, Ill.
Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
Vehicle, trade publications, 1010 Arch, Phila., Pa.
Veide, C. L., & Co., contractors, Pekin, Ill.
Veide, Roelfs & Co., whol. hdwe. & mill supplies, Pekin, Ill.
Veihmeyer & Lapish, stone products, 31st & Canal, Washington, D. C.
Veit, Herman, Inc., contr., 260 De Voe, Brooklyn, N. Y.
Veit Mfg. Co., interior finish mfrs., Grand Rapids, Mich.
Veitch, W. T., & Bro., contractors, Oakland, Cal.
Veithardt Steel & Metal Corp., 15 Park Row, New York.
VELCO MFG. COMPANY, INC., broaches & broaching machinery, 305 Wells, Greenfield, Mass.
See adv index at end of book.
Velie Carriage Co., Moline, Ill.
Velie Motors Corp., Moline, Ill.
Velx & Klebold, architect, 738 Broad, Newark, N. J.
Velte Foundry & Mach. Mo., Mars, Pa.
Veltengruber Bros., lumber, Frankenmuth, Mich.
Velvetta Mfg. Co., sweeping compounds, 142 N. 4th, Phila., Pa.

Venango Mfg. Co., brass, bronze & aluminum castings, Franklin, Pa.
Vendar Slate Co., Bangor, Pa.
Venderbush Co., exhaust & blow piping, Detroit, Mich.
Vendome Copper & Brass Works, Louisville, Ky.
Vendor Slate Co., Drake Bldg., Easton, Pa.
Veness, J. A., Lumber Co., Winlock, Wash.
Veness, J. W., machinist & founder, Albert Lea, Minn.
Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.
Venetian Mosaic & Granitoid Co., 2233 Clark av, St. Louis, Mo.
Venn-Severin Machine Co., oil engines, 1317 W. North, Chicago, Ill.
Ventilating Closet Seat Co., Wausau, Wis.
Ventura Mfg. & Implement Co., machinists, Ventura, Cal.
Ventura Refining Co., 454 S. Spring, Los Angeles, Cal.
VERA CHEMICAL CO., rosin sizings, sal soda, soap powders & soda ash, Hopkins & Villard avs, N. Milwaukee, Wis.; Stoneham, Mass., & Burlington, Ontario, Can.
Verbeek, Harry, mfrs. to jobbers, plumbing, heating, steam fitters' supplies, engnrs.' & mill supplies, 208 N. Wells, Chicago, Ill.
Verd Cedar Co., lbr., Arlington, Wash.
Verdeckburg Iron & Wire Works Co., Denver, Colo.
Verdel, E. F., & Co., cornices & skylights, Memphis, Tenn.
Verdi Lumber Co., Verdi, Nev.
Verdigris Valley Vitrified Brick & Tile Co., Neodesha, Kans.
Verdin, Kappes & Verdin Co., dies, etc., Cincinnati, Ohio.
Verduin, Abraham, contractor, Paterson, N. J.
Verges, Fred., cornices, 2543 Vine, Cincinnati, Ohio.
Verhaegre, A., cornices, 564 Mt. Elliott, Detroit, Mich.
Vermenlen, A. A., architect, 253 S. Broadway, Los Angeles, Cal.
Vermilion Malleable Iron Co., machsts. & fndrs., Hoopeston, Ill.
Vermillion, Wm., contractor, Newman, Ill.
Vt. Box Co., Dept. H, Bristol, Vt.
Vt. Constr. Co., Burlington, Vt.
Vt. Farm Machine Co., Bellows Falls, Vt.
Vt. Hardware Co., Burlington, Vt.
Vt. Marble Co., Proctor, Vt.
Vt. Shade Roller Co., Burlington, Vt.
Vt. Snath Co., brass fndrs., Springfield, Vt.
Vt. Soapstone Co., griddles & foot warmers, Perkinsville, Vt.
Vt. Spool & Bobbin Co., Burlington, Vt.
Vt. Talc Co., Holyoke, Mass.
Verner Coal & Coke Co., bituminous, Oliver Bldg., Pittsburgh, Pa.
Verner Oil Co., Lattimore, N. C.
Vernier Mfg. Co., tanks, etc., Cedar Rapids, Ia.
Vernia, John, & Son Marble Co., stone producers, New Albany, Ind.
Vernon, E. G., & Son, masons' & bldrs.' matls., Anderson, Ind.
Vernon, L. R., architect, Aberdeen, Wash.
Vernon Mach. Co., engine lathe mfrs., Worcester, Mass.
Vernon Mfg. Co., horns (automobile), Los Angeles, Cal.
Vernon Metal & Produce Co., pig lead, ingots, etc., 25 Beaver, New York.
Vernon, S. E. & M., pads & tablets, 65 Duane, New York.
Vernon, Watson, architect, Aberdeen, Wash.
Verona Chemical Co., Newark, N. J.
Verona Steel Castings Co., Pitsburgh, Pa.
Verona Tool Works, Oakmont, Pa.
Verplank, J. J., architect, Gary, Ind.
Verrone, L., scrap rubber, 209 Charlton, Newark, N. J.
Versailles Sanitary Fibre Mills, cotton, Versailles, Conn.
Versoy, Irving R., architect & motor boat bldr., Morris Cove, New Haven, Conn.
Versteeg Brick Co., masons' & bldrs.' matls., 1027 Tillanook, Portland, Ore.
Vertical Condenser Co., Gerke Bldg., Cincinnati, Ohio.
Vertz, Geo. R., & Co., contractors, 1615 Nicollett av, Minneapolis, Minn
Verville, A. J., contractor, Hancock, Mich.
Very, A. O., contractor, Mason Bldg., Los Angeles, Cal.
Very & Brown, architect, 70 E. 45th, New York
Very, Samuel R. T., architect, 70 E. 45th, New York.
Vesely, Wm. J., architect, 240 E. Huron, Chicago, Ill.
Vesper Wood Mfg. Co., silos, Vesper, Wis.
Vesta Accumulator Co., rheostats, storage battery charging sets, 2100 Indiana av, Chicago, Ill.
Vesta Coal Co., bituminous, Jones & Laughlin Bldg., Pittsburgh, Pa.
Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.
Vestal Liquid Soap & Disinfectant Co., 1121 Pine, St. Louis, Mo.
Vestal Lumber & Mfg. Co., Knoxville, Tenn.
Vester, J. W., architect, Washington, Pa.
Vester & Son, architects, Mutual Sav. Bk. Bldg., Wheeling, W. Va.
Vester, Stewart & Rossell Co., contractors, Washington, Pa.
Vesterdahl, Karl, & Co., ice refrg. machy., 90 West, New York.
Vesuvius Crucible Co., Swissvale, Pa.
Vesuvius Lumber Co., Montgomery, Ala.
Vesuvius Plow Works, machsts. & fndrs., Vesuvius, Va.
Vette & Zuncker, meat packers & canned goods, 220 N. Green, Chicago, Ill.
Vetter, C. B., cornices & skylights, Pensacola, Fla.
Vetter, Frank J., stone, Jefferson City, Mo.
Vetter, H. J., machst. & fndr., Jefferson City, Mo.
Vetter Mfg. Co., filing cabinets, Rochester, N. Y.
Vetter Mfg. Co., sash, door & blind, Stevens Point, Wis.
Viall Motor Car Co., 21 E. 111th, Chicago, Ill.
Viall, O. A., masons' & bldrs.' matls., 11820 S. Union av, Chicago, Ill.
Vianney Wire Die Works, wire die mfrs., 1 Union sq, New York.
Vibrassage Co., vibrators, 659 Wells, Chicago, Ill.
Vibration Specialty Co., machinery, Harrison Bldg., Philadelphia, Pa. *See adv index at end of book.*
Vibrator Instrument Co., fndrs., Chattanooga, Tenn.
Vibroplex Co., Inc., telegraph transmitters, 253 B'way, New York.
Vicary, Geo. S., machst., Lima, Ohio.
Vichek Tool Co., chisels, hammers, pliers, etc., 3000H E. 87th, Cleveland, Ohio.
Vickers Construction Co., 280 W. 113th, New York.
Vickers & Mann, furniture, Dept. H, Brunswick, Ga.
Vickers, Nat, architect, 363 Lexington av, New York.
Vickers & Sandlin, turpentine, Bakers Mills, Fla.
Vickers, Son & Co., machy. dlrs., H, Smith Bldg., Seattle, Wash.
Vickery, John W., architect, Sibley Blk., Rochester, N. Y.
Vicksburg Governor Co., Vicksburg, Mich.
Victor Animatograph Co., machinery, Davenport, Ia.

Victor Architectural & Bldg. Co., architect, H, 926 Laclede av, St. Louis, Mo.
Victor-Balata & Textile Belting Co., belting mfrs., 38 Murray, New York.
Victor Brass Mfg. Co., machsts. & fndrs., 6813 Wade Park av, Cleveland, Ohio.
Victor Buggy & Auto Top Co., 2615 Pestalozzi, St. Louis, Mo.
Victor Caster Co., sliding furn., casters, Bridgeport, Conn.
Victor Chemical Works, acid phosphoric, etc., Fisher Bldg., Chicago, Ill.
Victor Combination Kitchen Boiler Co., range boilers, 4th & Washington, Oakland, Cal.
Victor Cooler Door Co., cold storage doors, chutes & hdwe., Hagerstown, Md.
Victor Cotton Oil Co., fertz. mfrs., Gaffney, S. C.
Victor Dryer Co., clothes dryers, Worcester, Mass.
Victor Iron Supp. Co., steel jobbers, 4077 Park av, New York.
Victor Iron Works, Inc., 1106 Brook av, New York.
Victor Iron Works Co., 7th & Victor, St. Louis, Mo.
Victor Jar Co., 321 Monroe av, Detroit, Mich.
Victor Lamp Wks., nitrogen lamps, 507 Union pl, Union Hill, N. J.
Victor Lathe Co., 151 Lafayette, New York.
Victor Machine Works, St. Louis, Mo.
Victor Mfg. Co., machsts. & fndrs. & hdwe. mfrs., Newburyport, Mass.
Victor Mfg. Co., track jacks, Bloomfield, Ind.
Victor Mfg. Co., washing machines, Leavenworth, Kans.
Victor Mfg. & Gasket Co., 5750 Roosevelt rd., Chicago, Ill.
Victor Milling Co., flour, Victor, N. Y.
Victor Mills Co., flour, Morgantown, W. Va.
Victor-Monoghan Mills, cotton sheeting & shade cloth, Greenville, S. C.
Victor Motor Washing Machine Co., 11 W. 7th, Cincinnati, O.
Victor Preserving Co., Victor, N. Y.
Victor Rubber Co., Springfield, Ohio.
Victor Safe & Lock Div. The Safe Cabinet Co., Norwood, Cincinnati, Ohio
Victor Saw Wks., hack saw blades, Springfield, Mass.
Victor Sebelik & Sons, lbr., Ogema, Wis.
Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.
Victor Sporting Goods Co., Springfield, Mass.
Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.
Victor Steel Co., 50 Broad, New York.
Victor Storage Battery Co., Rock Island, Ill.
Victor Stove Co., Salem, Ohio.
Victor Talking Machine Co., machsts., Camden, N. J.
Victor Tool Co., chuck & tap mfrs., Waynesboro, Pa.
Victor Truck Co., trucks & wheels, Johnsonburg, Pa.
Victor Typewriter Co., 47 W. 42nd, New York.
Victor X-Ray Corp., 236 S. Robey, Chicago, Ill.
Victoria Bldg. & Contr. Co., 35 W. 39th, New York.
Victoria Button Works, 23 W. 30th, New York.
Victoria Lumber Co., Ltd., Shreveport, La.
Victoria Marble Co., Knoxville, Tenn.
Victoria Metal Co., mill & facty. supps., Richmond, Va.
Victoria Metal Co., machsts. & fndrs., Erie, Pa.
Victoria Mill Co., Milltown, Wash.
Victoria Paper Mills Co., Fulton, N. Y.
Victoria Plush Mills, Swarthmore, Pa.
Victoria Safe and Lock Co., Shreveport, La.
Victoria White Granite Co., quarriers of building reornamental granite, Milford, Mass.
Victory Chain & Mfg. Co., York, Pa.
Victory Mach. & Lbr. Co., Inc., Buffalo, N. Y.
Victory Mfg. Co., designers of special tools, dies, gauges, etc., York, Pa.
Victorsohn, Morris, iron, 199 3d, Jersey City, N. J.
Victorson Varnish Co., 100 William, New York.
Victrolene Company, automobile & furniture polish mfrs., 39 Pearl, Boston, Mass.
Vidalia Chemical Co., Vidalia, Ga
Viehe-Naess Ivar, architect, 64 E. Van Buren, Chicago, Ill.
Vielé, Blackwell & Buck, consulting engnrs., 49 Wall, New York.
Vienna Canning Co., Vienna, Ind.
Vienna Pearl Button Mfg. Co., 20 W. 27th, New York.
Vierengel, Mathew, bag making machy., 32 S. 6th, Brooklyn, N. Y.
Vierheilig, C. G., architect, 237 Front, Grand Rapids, Mich.
Vierkant, H. C., fire alarms, Tarrytown, N. Y.
Vierling Machine Co., Phipps Power Bldg., Pittsburgh, Pa.
Vierling Steel Works, arch'l iron, etc., 23rd & Stewart av, Chicago, Ill.
Vietor, Wm. A., machst., Eureka, Cal.
Viett & Co., cornices, Rockville, Md.
Viflex Camera Co., Springfield, Mass.
Vigeant, Gregory, Jr., architect, 175 W. Jackson blvd., Chicago, Ill.
Vigeant, Xavier, architect, 175 W. Jackson blvd., Chicago, Ill.
Vigo Am. Clay Co., hollow bldg. blocks, linings, drain tile, etc., Terre Haute, Ind.
Vigo Mining Co., coal mine, Dispensary Bldg., Terre Haute, Ind.
Vigo Tile & Brick Co., Vigo, Ohio.
Vignaux, W. A., contractor, Englewood, N. J.
Viker, Guttorm A., architect, 4700 N. Campbell av, Chicago, Ill.
Viking Elec. Co., 152 Chambers, New York.
Viking Iron Wks., Inc., 173 7th, Brooklyn, N. Y.
Viking Pump Co., Cedar Falls, Ia.
Viking Refrigerator & Mfg. Co., store & bar fixtures, 1305 Walnut, Kansas City, Mo.
Viking Shear Co., Erie, Pa.
Viking Sign Co., elec. illuminated signs, 527 Fifth av, New York.
Viking Tool & Mach. Co., jigs & fixtures, 249 44th, Bklyn, N. Y.
Vila, H. S., Color Co., aniline colors, 243 S. 2d, Phila., Pa.
Vilas Bros., floor finish, paint mfrs., etc., 717 S. 5th av, Chicago, Ill.
Vilas County Lbr. Co., Winegar, Wis.
Villa Rica Cotton Oil Co., Villa Rica, Ga.
Villadsen Bros., Inc., contrs., Dooly Bldg., Salt Lake City, Utah.
Villanova Coll. of Technology, engng. schools & coll., Villanova, Pa.
Villaume Box & Lumber Co., Chicago & Ind. avs, & Walter, St. Paul, Minn.
Villinger Mfg. Co., machsts., Williamsport, Pa.
Villmont, P. S., & Co., elec. portables, 20 W. 22nd, New York.
Vilsack, Martin, Co., bridge railings, 3222 Penn av, Pittsburgh, Pa.
Vilter Mfg. Co., Corliss engines & refrigerating machinery, 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Vim Motor Co., machsts., Sandusky, Ohio.
Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.
Vinal, Arthur H., architect, 15 Exchange, Boston, Mass.
Vinal, Ralph S., landscape architect, 46 Cornhill, Boston, Mass.
Vincennes Bridge Co., steel structural works, Vincennes, Ind.
Vincennes Foundry & Machine Co., Vincennes, Ind.
Vincennes Furn. Mfg. Co., Dept. H, Vincennes, Ind.
Vincennes Galvanized Iron Works, cornices & skylights, Vincennes, Ind.
Vincennes Motor Mfg. Co., carbureters, Vincennes, Ind.
Vincent-Alward Co., bed & furniture springs, auto. seals, etc., Kenosha, Wis.
Vincent, F. J., cotton & jute felts, mattresses, etc., Little Falls, N. Y.
Vincent, G. E., lumber, Anacortes, Wash.
Vincent, Geo., mfr. victory vellum tracing paper, 422 E. 53rd, New York,
Vincent, H. G., contractor, Billings, Mont.
Vincent, M., machinist, Selma, Cal.
Vincent, R. E., architect, L. C. Smith Bldg., Seattle, Wash.
Vincent Steel Process Co., case hardening, tempering to order, etc., 751 Bellevue av, Detroit, Mich.
Vincent, W. C., & Son, masons' & bldrs.' matls., brick, Harrison, Ohio.
Vincent-Wolters Co., hardware (whol.), Manistee, Mich.
Vindex Elec. Mfg. Co., machsts., Aurora, Ill.
Vinegar Bend Lumber Co., Vinegar Bend, Ala.
Vinegrove Lumber Co., Vinegrove, Ky.
Vineland Flint Glass Works, glassware, Vineland, N. J.
Vineland Scientific Glass Co., glassware, Vineland, N. J.
Viner & Sons, organs, 1371 Niagara, Buffalo, N. Y.
Viney, B. C., architect, Longmont, Colo.
Vinson Contr. Co., 203 Indiana, Washington, D. C.
Vinson, J. A., lbr., Clayton, N. C.
Vinton Canning Co., Vinton, Ia.
Vinton Colliery Co., bituminous, coal mine, 50 E. 42nd, New York
Vinton Co., contractors, Vinton Bldg., Detroit, Mich.
Vinton & Lyons, contrs., Uniontown, Pa.
Vinton, Wm. H., & Son, paper & pulp mills, Brattleboro, Vt.
Vinyard Ship Building Co., Milford, Del.
Viola Milling Co., flour, Viola, Tenn.
Vioray Mfg. Co., therapeutic lamps, 915 Whitlock av, New York.
Vipond Coal Co., masons' & bldrs.' matls., Altoona, Pa.
Vipond, John S., contractor, Altoona, Pa.
Virden Co., chandelier chains, Ashland rd & Longfellow, Cleveland, Ohio.
Virgin, J. M., & Son, rattan furniture, Saco, Me.
Virgin, Wm. E., contractor, Concord, N. H.
Virginia-Carolina Chemical Co., fertilizer, 11H S. 12th, Richmond, Va.
Va Barrel Co., cooperage stock, Winchester, Va.
Va. Brick Co., Arlington & Suffolk, Va., & Colorado Bldg., Washington, D. C.
Va. Bridge & Iron Co., machsts., fdrs., & steel structural work, Roanoke, Va.,
Va. Can Co., Buchanan, Va.
Va.-Carolina Hardware Co., 1332 E. Main, Richmond, Va.
Va.-Carolina Supply Co., plumbers' supp., jobbers, Norfolk, Va.
Va.-Carolina Tie & Wood Co., lumber mfrs., Norfolk, Va.
Va. Consolidated Milling Co., flour, cotton sheetings, canvas, etc., Petersburg, Va.
Va. Elec. & Mach Wks., elec. & mining supplies, Charleston, W. Va.
Va. Electrolytic Co., ferro-tungsten, ferro-chrome, etc., 51 E. 42nd, New York.
Va. Excelsior Co., Fredericksburg, Va.
Va. Forging & Mfg. Co., bronze forgings, Richmond, Va.
Va. Fdry. & Mach. Co., Virginia, Minn.
Va. Hardwood Lbr. Co., Waiteville, W. Va.
Va. Iron, Coal & Coke Co., blast furnaces, Roanoke, Va.
Va. Iron & Metal Co., machsts., 7th & Semmes, Richmond, Va.
Va. Leather Co., belting mfrs., Richmond, Va.
Va. Lumber & Box Co., shooks, Petersburg, Va.
Va. Lumber & Mfg. Co., masons' & bldrs.' matls., Roanoke, Va.
Va. Machinery & Well Co., machinery dealer, 1319 E. Main, Richmond, Va.
Va. Mfg. Co., paper dishes, plates, etc., Suffolk, Va.
Va. Mills, flour, Suffolk, Va.
Va. Ore Mining Co., Fidelity Bldg., Duluth, Minn.
Va. & Pittsburgh Coal & Coke Co., Fairmont, W. Va.
Va. Portland Cement Co., Allentown, Pa.
Va. & Rainy Lake Co., lbr., Virginia, Minn.
Va. Realty & Constr. Co., Inc., 1422 W. Gary, Richmond, Va.
Va. Roofing & Cornice Co., Virginia, Minn.
Va. School Supply Co., heating system, 2000 Marshall, Richmond, Va.
Va. Shipbuilding Corp., Alexandria, Va.
Va. Trunk & Bag Co., Petersburg, Va.
Va. Wagon Co., South Boston, Va.
Va. Woolen Co., woolen flannels, Winchester, Va.
Virginian Elec. & Mach. Wks., trolley line matls., Charleston, W. Va.
Virkler, A. G., machst. & fndr., Lowville, N. Y.
Virtue & Pound Co., auto. & transmission gears, Owatonna, Minn.
Vischer, Theo. C., architect, 363 Lexington av, Chicago, Ill.
Visco Motor Oil Co., soap, lubricating oils, 2104 Superior av, N. W., Cleveland, Ohio.
Viscol Co., belt dressing, oils, etc., Cambridge, Mass.
Viscoloid Co., Leominster, Mass.
Viscosity Oil Co., lubrg., 1101 W. 37th, Chicago, Ill.
Visigraph Typewriter Co., 37 W. 116th, New York.
Visor Knitting Mills, sweaters, cardigans, etc., Niagara Falls, N. Y.
Visser, John, architect, Twin Falls, Idaho.
Vissering, Harry, & Co., sand htrs., 14 E. Jackson blvd, Chicago, Ill.
Vissman, C. F., & Co., meat packers, Louisville, Ky.
Vitagraph Co. of Am., films, E. 15th, Brooklyn, N. Y.
Vital Mfg. Co., spark plugs & vacuum cleaners, 7500 Quincy av, Cleveland, Ohio.
Vitale Brinckerhoff & Geiffert, landscape architects, 527 5th av, New York
Vitale & Rothery, architects, 527 5th av, New York.
Vitanola Talking Machine Co., 501 W. 35th, Chicago, Ill.
Viticoute, John B., architect, Lawrence, Mass.
Vito, A., Constr. Corp., Thompson, Conn.

Vitreous Enameling Co., Grant av, Cleveland, Ohio. *See adv index at end of book*
Vitrified Wheel Co., emery wheel mfrs., Westfield, Mass.
Vitrifyx Co., concrete hardeners & waterproofing matls., 133 W. Washington, Chicago, Ill.
Vitro Mfg. Co., coloring oxides, Bessemer Bldg., Pittsburgh, Pa.
Vitrolite Co., Chamber of Commerce, Chicago., Ill.
See adv. index at end of book
Vitrolite Construction Co., Caswell blk, Milwaukee, Wis., 1490 Mission, San Francisco, Cal.
Vittner, Clement, architect, 2420 S. Clinton Park av, Chicago, Ill.
Vitzthurn, K. M., & Co., architects, 21 E. Van Buren, Chicago, Ill.
Vivarttas, Percie A., architect, 110 4th, Weehawken, N. J.
Vivian, Clinton L., architect, 120 E. State, Ithaca, N. Y.
Vixen Tool Co., Vixen files, 858 Summer av, Newark, N. J.
Vodrey Pottery Co., East Liverpool, Ohio.
Vodrie, H. B., Sheet Metal Wks., cornices & skylights, San Antonio, Tex.
Voegele Bros., masons' & bldrs.' matls., Mansfield, Ohio.
Voelker, Geo. W., & Co., textile machy. supplies, Woonsocket, R. I.
Voelker & Groff, brick, Winona, Minn.
Voelker, John Ph., architect, 979 3d av, New York.
Voelker, Philip L., mill brushes, 2 Bucklin, Providence, R. I.
Voelz, Henry W., architect, 86 Michigan, Milwaukee, Wis.
Vogan, J. P., sucker rods, Franklin, Pa.
Vogel, Adolph, contractor, West Orange, N. J.
Vogel & Binder Co., sash, door & blind mfrs., Rochester, N. Y.
Vogel, Chas., architect, 133 16th, Newport, Ky.
Vogel, F. & Co., furniture, 214H E. 37th, New York.
Vogel & Franchi, machsts., Fort Lee, N. J.
Vogel, H. G. Co., fire sprinklers & galv. pipe, 15 W. 37th, New York.
Vogel, Jacob, & Son, meat packers, 2604 Colerain av, Cincinnati, Ohio.
Vogel, Joseph A. Co., anti-freezing & school water closets, 1203 Lombard, Wilmington, Del.
Vogel, Joshua H., architect, 516 Pacific Bl., Seattle, Wash.
Vogel, P. A., & Sons, mill & facty., plumbers' & steamfitters' supplies, 121 W. Main, Louisville, Ky.
Vogel, R., machsts., New Rochelle, N. Y.
Vogel, W. H., cornices, Cape Girardeau, Mo.
Vogel, Wm., models, etc., 68 Nassau, New York.
Vogel, Wm., & Bros., disinfectant machy., metal novelties & specialties, etc., 37 S. 9th, Brooklyn, N. Y.
Vogelgesang Furnace Co., water htrs., Columbus, Ohio.
Vogelmeier Bros., brick, Newark, Ohio.
Vogelsang Bros. Construction Co., Cape Girardeau, Mo.
Vogely & Todd, carriages, Nashville, Tenn.
Voggenthaler, E. J., Co., iron & steel structl. wk., Dubuque, Ia.
Vogl Tool Co., 912 E. 19th, Kansas City, Mo.
Vogt, Alfred H., concrete steel constr., 185 Stevenson, San Franscisco, Cal.
Vogt Bros. Mfg Co., pumps, ice & refrigeration machy., Louisville, Ky.
Vogt Bros & Squier Co., machsts., 1 S. Market, Philadelphia, Pa.
Vogt, Fred G., & Sons, meat packers, 30th & Race, Phila., Pa.
Vogt, Geo. J., cornices, 305 E. 60th, New York.
Vogt, Henry, Machine Co., Inc., ice machy., Louisville, Ky.
Vogt Mfg. Corp., fringes, lace, etc., 408H St. Paul, Rochester, N. Y.
Vogt, Oscar G., architect, Home Life bldg., Washington, D. C.
Vogt, Peter A., Mfg. Co., refrigerators, filing cabinets, 24 Evans, Buffalo, N. Y.
Vogt, W., & Son, contractors, Massillon, Ohio.
Vogt's, Wm., Sons, brick, Erlin, Ohio.
Voight Co., arch. modelers, 1743 N. 12th, Phila., Pa.
Voight, Edw., willow ware mfrs., 725 N. 2nd, Phila., Pa.
Voigt, B., flint pebbles & linings, 154 Nassau, New York.
Voigt, C. H. (Est. of), sash, door & blind mfrs., Hicksville, N. Y.
Voigt, F., carriages, La Crosse, Wis.
Voigt, Herman, contractor, 1251 N. 28th, Philadelphia, Pa.
Voigt Milling Co., flour, Grand Rapids, Mich.
Voigt, S. S., architect, Fourth Natl. Bldg., Wichita, Kans.
Voigt, Starr & Co., whol. hdwe., 58 Warren, New York.
Voigtlander & Sohn, lenses, 240 E. Ontario, Chicago, Ill.
Voigtmann & Co., 445 W. Erie, Chicago, Ill.
Vogue Motor Car Co., Tiffin, Ohio
Voith, J. M., Co., Inc., paper mill machy. & rotary screens, 200 5th av, New York.
Voland & Sons, assay balances, New Rochelle, N. Y.
Volcano Torch & Mfg. Co., blow torches, 237 E. 22d, Erie, Pa
Volckening, W. H., architect, 53 W. 39th, New York
Volger, B. G., Mfg. Co., inks, stamp pads, Passaic, N. J.
Volk, Albert A., Co., contractors, 16 Beaver, New York.
Volk, Jacob, Housewrecking Co., 103 Park av, New York.
Volk, John, & Co., contrs., plate glass, etc., Rock Island, Ill.
Volk Stamp & Stencil Co., baggage checks, 115 Griswold, Detroit, Mich.
Volkcar Storage Battery Co., 220 E. 25th, Chicago, Ill.
Volker, Wm., & Co., window shade mfrs., N. W. cor. 3d & Main, Kansas City, Mo.
Volkman & Hancock, architects, Eau Claire, Wis.
Volkmann, Ed., H. A. architect, H926 Laclede av, St. Louis, Mo.
Volkmar Kilns, potteries, Metuchen, N. J.
Vollbrecht & Olsen, stone, 753 S. Canal, Milwaukee, Wis.
Vollenweider, J., cornices, 1506 Penna. av, Baltimore, Md.
Vollmer, C. A., architect, 347 Madison av, New York
Vollmer, Carl, architect, 347 Madison av, New York.
Vollmer, P. S., masons' & bldrs.' matls., Harrison Bldg., Philadelphia, Pa.
Vollrath Co., sinks & trays, Sheboygan, Wis.
Vollweiler, F., architect, 1612 B'way, Brooklyn, N. Y.
Vollweiler, Hy., architect, 696 Bushwick av, Brooklyn, N. Y.
Volpp & Fritz, contractors, 445 Sanders, Indianapolis, Ind.
Voltamp Elec. Mfg. Co., dynamo & motor mfrs., 407 N. Paca, Baltimore, Md.
Voltax Co., compounds, Bridgeport, Conn.
Voltermann, F. H., cooperage stock, Brownsville, Tenn.
Voltz Bros., auto. bldrs., 840 S. Halsted, Chicago, Ill.
Voltz Mfg. Co., machsts. & fndrs., St. Joseph, Mo.
Volunteer Firemen Signal Co., fire alarms, Minneapolis, Minn.
Volz, Charles, architect, 2 W. 45th, New York.
Volz, Hans C., architect, 373 Fulton, Brooklyn, N. Y.
Vom Baur, C. H., elec. furnaces, 233 Broadway, New York.
Vom Cleff & Co., whol. hdwe.—saw sets, 105 Duane, New York.
Vom Hofe, Edw., & Co., fishing tackle mfrs., 112 Fulton, New York.
Vom Hofe, Julius, fishing reels, 351 S. 5th, Brooklyn, New York.
Von Arx, Geo. W., archt., 75 Montgomery, Jersey City N. J.
Von Behren Mfg. Co., lumber mfrs., Evansville, Ind.
Von Buhren, Geo., plate glass, 9 Baxter, New York.
Von der Au & Cluss Mfg. Co., arch'l iron, 2404 S. Jefferson av, St. Louis, Mo.
Vonder Horst, Jos., architect, Celina, Ohio.
Vondersmith, Harry M., machsts. & fndrs., Lancaster, Pa.
Von Fielde, Wm., architect, Middle Village, Long Island, N. Y.
Von Gerichten Art Glass Co., 557 S. High, Columbus, O., & 52 Morningside av, New York.
Von Herbulis, A. O., architect, Falls Church, Va.
Von Hoffman, Ferdinand, landscape architect, 1118 Tinton av, New York.
Von Holst, H. V., architecst, 72 Wadams, Chicago, Ill.
Von Kokeritz, R. G., & Co., box fasteners, 114 Liberty, New York.
Vonnegut & Bohn, architects, Indiana Trust Bldg., Indianapolis, Ind.
Vonnegut Hardware Co., 120 E. Washington, Indianapolis, Ind.
Vonnegut Machy. Co., machine shop equipment, woodworking machinery, etc., Indianapolis, Ind.
Vonore Flouring Mills, Vonore, Tenn.
Von Phul, Gilbert D., sugar machy. constr., Hibernia Bank Bldg., New Orleans, La.
Von Platen & Dick Co., sash, door & blind mfrs., 2248 W. Kinzie, Chicago, Ill.
Von Platen, Geo., lumber, Boyne City, Mich.
Von Platen Lumber Co., Iron Mountain, Mich.
Von Stade, F. W., bristles, 73 Beekman, New York.
Von Thaden & Meyer, whol. hdwe., 73 Murray, New York.
Von Weller-Lyon Co., advtg. counsellors, 180 N. Market, Chicago, Ill.
Voorhee, F. A., Constr. Co., Alton, Ill.
Voorhees, A. C., contractor, Trenton, N. J.
Voorhees, F. D., architect, Central Bk. Bldg., Oakland, Cal.
Voorhees, J. S., & Co., masons' & bldrs.' matls., Baldwinsville, N. Y
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Voorhees, V. W., architect, Eitel Bldg., Seattle, Wash.
Voorhis, C. A., Constr. Co., Hackensack, N. J.
Voss-Alcohol Export Corp., 27H William, New York.
Voos & Son, contr., Peoria, Ill.
Voss Table Co., Dept. H, Louisville, Ky.
V. & O. Press Co., Dry Harbor, Glendale Station, L. I., N. Y.
Vorhis, F. C., rye & buckwheat flour, Brookton, N. Y.
Vornhold Wall Paper Co., Kennedy & Garden, Philadelphia, Pa.
Vorse, Norman S., architect, S. & L. Bldg., Des Moines, Ia.
Vortex Mfg. Co., paper cups, 421 N. Western av, Chicago, Ill.
Vortex Mfg. Co., paint mfrs., spraying machy. & floor finish, W. 77th, Cleveland, Ohio
Vosburgh, E. A., soap, 925 S. 5th av, Chicago, Ill.
Vosburgh Min. Lamp Co., 289 Valley rd, West Orange, N. J.
Vosbury, C. Edward, architect, Savings Bk. Bldg., Binghamton, N. Y.
Vose & Sons Piano Co., 160 Boylston, Boston, Mass.
Vose Spring Co., 150 Bleecker, New York.
Voshall-Percy Constr. Co., C. of C. Bldg., Rochester, N. Y.
Voshell, J. C., & Son, buckwheat flour, Camden, Del.
Voska, Foelsch & Sidio, marble interior work, 61 Mills, Astoria, Long Island, N. Y.
Voss-Hutton Mfg. Co., harness, Little Rock, Ark.
Voss Bros. Mfg. Co., agricultural implements, Davenport, Ia.
Voss, E. H., contractor, 339 Huron, Toledo, Ohio.
Voss, Frank, lumber mfr., Newport, Ky.
Voss, Fred'k, iron furring, railings, wire cloth, etc., 552 W. Monroe, Chicago, Ill.
Voss, H. F., Co., Inc., canned gds, 326 Park av Brooklyn, N. Y.
Voss, Herman, Co., advtg. spec., 603 E. Water, Milwaukee, Wis.
Voss, John M., contractor, Yonkers, N. Y.
Voss & Lauritzen, architects, 65 De Kalb av, Brooklyn, N. Y.
Vosta Co., folding paper boxes, Albany, N. Y.
Votey Organ Co., 29 W. 42d, New York.
Votteler, Henry J., & Son, organs, 37 Arcade, Cleveland, Ohio.
Vought, H. H., & Co., contractors, Grand Central Terminal, New York.
Vought Milling Co., flour, Paxinos, Pa.
Vought & Williams, iron & steel mers., 365 Greenwich, New York.
Vredenburgh, Peter, Lumber Co., masons' & bldrs.' matls., Springfield, Ill.
Vredenburgh Sawmill Co., Vredenburgh, Ala..
Vredenburgh, W. W., kitchen cabinets, 617 Sackett, Brooklyn, N. Y.
Vreeland, B. F., cross arms & insulated pins, Denver, Colo.
Vreeland, Chas., & Co., machsts., Paterson, N. J.
Vreeland, J. J., Jr., architect, Dover, N. J.
Vroman, J. E., Co., contrs., Town of Union, N. J.
Vroom Bros. Co., bldg. contrs., 333 Union, Lynn, Mass.
Vrooman, C. H., architect, Patchogue, N. Y.
Vrooman, S. B., Co. (Ltd.), lumber, 1133 Beach, Phila., Pa.
Vrooman's, J. V., Sons Co., cornices, Schenectady, N. Y.
Vrydagh, J. G., architect, 10 N. 6th, Terre Haute, Ind.
Vrydagh, Robert T., architect, McKeen blk, Terre Haute, Ind.
Vuille, Chas. A., hydrometers, Huntingdon, Pa.
Vujech, J., contractor, Collinsville, Ill.
Vulcan Asbestos Mfg. Co., packing mfrs, 95 Broad, New York.
Vulcan Auto Part Co., 2128-30 Rose, Phila., Pa.
Vulcan Brass Mfg. Co., cocks, faucets & valves, 24 Noble Ct, Cleveland, Ohio.
Vulcan Brass Works, Allentown, Pa.
Vulcan Brick Works, Vulcan, Mich.
Vulcan Crucible Steel Co., Aliquippa, Pa.
Vulcan Detinning Co., Sewaren, N. J.
Vulcan Elec. Heating Co., melting pots, 107 W. 13th, New York.
Vulcan Gas Engine Works, 1827 Bainbridge, Philadelphia, Pa.
Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
Vulcan Fuel Economy Co.,, 828B Transportation Bldg., Chicago, Ill.
Vulcan Hardware Co., sheet metal gauges, Carlstadt, N. J.
Vulcan Hardware Co., Springfield, Ohio.
Vulcan Iron & Tool Works, Los Angeles, Cal.
Vulcan Iron Works, iron & steel founders engines & mining machy., 1739 Main, Wilkes-Barre, Pa.

Vulcan Iron Works, Inc., boilers, engines, tanks, machy., etc., Jersey City, N. J.
Vulcan Iron Works, machy., 1849 Kearny, San Francisco, Cal.
Vulcan Iron Works, machsts. & fndrs., & mill & facty. supps., Cairo, Ill., & Memphis, Tenn.
Vulcan Iron Works, pile driver fittings, etc., 327 N. Irving av, Chicago, Ill.
Vulcan Iron Works Co., Denver, Colo., & Mason City, Ia.
Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, **Ill.**
Vulcan Mfg. Co., dies, models, stampings, 3140 S. Canal, Chicago, Ill.
Vulcan Mfg. Co., steel structural work, Fond Du Lac, Wis.
Vulcan Mfg. Co., tubular boilers, Seattle, Wash.
Vulcan Plow Co., Evansville, Ind.
Vulcan Rail & Constr. Co., 35 Meserole av, Brooklyn, N. Y.
Vulcan Refractories Co., brick, Bolivar, Pa.
Vulcan Rubber Co., Erie, Pa.
Vulcan Sheet Metal & Mfg. Co., exhaust piping, smoke flues, etc., 45 Fulton, New York.
Vulcan Soot Cleaner Co., Du Bois, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Vulcan Supply Co., mill & facty. supplies, 120 Sycamore, Cincinnati, Ohio.
Vulcan Tool Co., dies, etc., 418 E. First, Dayton, Ohio.
Vulcan Tool Mfg. Co., Quincy, Mass.
Vulcanite Portland Cement Co., Land Title Bldg., Phila., Pa.
Vulcanized Rubber Co., hard rubber mfrs., 251 4th av, New York.
Vulvan Last Co., Portsmouth, Ohio.
Vuono Constr. Co., 303 Main, Stamford, Conn.
Vuytech, J., contr., Collinsville, Ill.
V. V. Fittings Co., junction boxes, lamp guards, 1906 N. 6th, Philadelphia, Pa.
Waage Elec. Co., sad & soldering irons, cooking apparatus, 12 S. Jefferson, Chicago, Ill.
Waban Webbing Co., 683 Atlantic av, Boston, Mass.
Wabash Cabinet Co., Wabash, Ind.
Wabash Canning Co., Wabash, Ind.
Wabash Construction Co., Wabash, Ind.
Wabash Foundry Co., Wabash, Ind.
Wabash Gear Works, auto. clutches, Terre Haute, Ind.
Wabash Mfg. Co., machsts., coaster wagons, Terre Haute, Ind.
Wabash Portland Cement Co., 1824 Ford Bldg., Detroit, Mich.
Wabash Screen Door Co., 72 W. Adams, Chicago, Ill.
Wabash Truss Hoop Co., Mount Carmel, Ill.
Wabasha Roller Mill Co., flour, Wabasha, Minn.
Waberaki Bros., bags & suit cases, 6 Barbara, Newark, N. J.
Wabers Mfg. Co., machsts. ,agric'l implmts., Racine, Wis.
Waccamaw Lumber Co., Bolton, N. C.
Wacco Supply Co., steam fitters' supplies, 30 Marginal, East Boston, Mass.
Wach, Edward F., architect, 5338 S. Rockwell, Chicago, Ill.
Wachendorff, E. C., architect, Chamber of Commerce Bldg., Atlanta, Ga.
Wachovia Mills, flour, Winston-Salem, N. C.
Wachs, E. H., Co., machsts., 1525 Dayton, Chicago, Ill.
Wachsmuth Lbr. Co., Bayfield, Wis., & 2201 Laflin, Chicago, Ill.
Wachtell Calendar & Nov. Co., advtg., signs & novelties, 203 Main, Louisville, Ky.
Wachtel, J., fertilizer mfrs, Southern av, Indianapolis, Ind.
Wachter, Emil, & Son, Hdwe. Co., 1402 S. B'way, St. Louis, Mo.
Wachter, H. W., architect, Close Bldg., Toledo, Ohio.
Wachter, Henry F., architect, Peru, Ill.
Wachusett Thread Co., Worcester, Mass.
Waclark Wire Co., 20 Exch. pl, New York.
Waco Canning Co., Waco, Ky.
Waco Machinery & Supply Co., Waco, Tex.
Waco Mattress Factory, Waco, Tex.
Waco Mill & Elevator Co., flour, Waco, Tex.
Waddell Co., coffee mills, Greenfield, Ohio.
Waddell Mfg. Co., wood carvers, ornaments, mouldings, etc., Grand Rapids, Mich.
Waddell, R. J., & Co., color mfrs., steel wool, pumice stone, etc., 52 Beekman, New York.
Waddell-Williams Lbr. Co., Rhoda, La.
Waddell's House Furn. Co., Dept. H, Houston, Texas.
Waddey, Everett, Co., pads, 1105 E. Main, Richmond, Va.
Waddington & Holme, canned goods, Naylors. Va.
Waddington, R., & Son, contrs., 617 Adam, Hoboken, N. J.
Wade American Tool Co., bench lathes, pinion cutters, profiling, machy.. & bench propeller mfrs., 311 Atlantic av, Boston, Mass.
Wade & Bell, lumber, Trenton, Fla.
Wade Bros. Const. Co., contrs., 325 N. Shady, St. Louis, Mo.
Wade Button Co., 55 Sudbury, Boston, Mass.
Wade, G. W., cornices & skylights, North Yakima, Wash.
Wade Iron Sanitary Mfg. Co., catch basins, traps, valves, etc., 551 Fulton, Chicago, Ill.
Wade Lbr. Co., Eugene, Fla.
Wade Mfg. Co., auto. binding & gimps, Brockton, Mass.
Wade, R. M., & Co., drag sawing machy., 322 Hawthorne av, Portland, Ore.
Wadel-Connally Hardware Co., Tyler, Tex.
Wadhams, F. L., & Sons, lumber mfrs., Torrington, Conn.
Wadham's Oil Co., 359 Clinton, Milwaukee, Wis.
Wadley & Smythe, landscape architects, 491 5th av, New York.
Wadman, C. G., auto tops, Bakersfield, Cal.
Wadsworth Adelson, Branning Co., gas logs, 2250 Euclid av, Cleveland, Ohio.
Wadsworth Brick & Tile Co., Wadsworth, Ohio.
Wadsworth, C. J., oil cabinets, Cleveland, Ohio.
Wadsworth Clothing Cabinet Co., Painesville, Ohio.
Wadsworth Core Machine & Equipment Co., 10 W. Buchtel, Akron, Ohio
Wadsworth, David, & Son, scythes, etc., Auburn, N. Y.
Wadsworth Engraving Co., name plates, stencils, etc., Springfield, Ohio.
Wadsworth-Howland Co., enamels, paints, wood stains, etc., 225 N. Carpenter, Chicago, Ill.
Wadsworth, Howland & Co., paint & varnish makers, 141 Federal, Boston, Mass.
Wadsworth Mfg. Co., auto. metal bodies, wheels, oil engines, etc. Kercheval & Conners Creek, Detroit, Mich.
Wadsworth Novelty Mfg. Co., push buttons, Wadsworth, Ohio.
Wadsworth, S. L., & Son, wholesale hardware, Eastport, Me.
Wadsworth Salt Co., Wadsworth, Ohio.
Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
Wadsworth, T. M., lbr., Gladwater, Tex.
Wadsworth Watch Case Co., mfrs., Dayton, Ky.
Wadsworth & Woodman Co., oil cloth mfrs., Winthrop, Me.
Waelde, Herman, disinfectants, 732 Frankfort av, N. W., Cleveland, Ohio.
Waferling, Jno. A., architect, 810 Broad, Newark, N. J.
Waful, E. E., contr., 140 S. Dearborn, Chicago, Ill.
Waful, Edward E., architect, 140 S. Dearborn, Chicago, Ill.
Wagar, David P., stone producers, Middletown, N. Y.
Wagemaker Co., filing cabinets, Grand Rapids, Mich.
Wagenbach, Jos., & Son, bldg. contrs., Lawrence, Mass.
Wagenen, L. B., dock builders, Urbanna, Va.
Wagener, H. J., architect, Canton, Ohio.
Wagener, Jno. O., & Co., minerals, clays, etc., Easton, Pa.
Wagener Steam Pump Co., Canton, Ohio.
Wagenfohr, Chas., Sr., die sinker, 140 W. B'way, New York.
Wagenheim, J. M., & Son, contrs., Newark, Ohio.
Wagenhorst, J. H., & Co., blue printing machines, Youngstown, Ohio.
Wagenlander, Jos., cornices, Newport, Ky.
Wager, B. F., contractor, Norristown, Pa.
Wager, Robert H., furnace bridge walls, Singer Bldg., New York.
Wager, S. A., architect, Com. Bldg., St. Paul, Minn.
Waggaman, Clarke, architects, 1742 M, N. W., Washington, D. C.
Waggaman, Eugene, architect, 1742 M, Washington, D. C.
Waggner, Lewis, Co., lumber mfrs., Wolfe & Thames, Baltimore, Md.
Waggoner, Arthur M., architect, Citizens Title & Trust Bldg, Decatur, Ill.
Waggoner-Gates Milling Co., flour, Independence, Mo.
Waggoner Sanitary Fire Bucket Co., 400 Monticello av, Chicago, Ill.
Wagner, A. F., Arch'l Iron Works, 763 N. Walter, Milwaukee, Wis.
Wagner, Adolph, architect, 3856 Flora blvd, St. Louis, Mo.
Wagner & Bauman, contrs., Monroe, Wis.
Wagner Bros, Hdwe Co., Hazelton, Pa.
Wagner Bros., cornices, 1010 Diversey Parkway, Chicago, Ill.
Wagner Bros., mchsts. & fndrs., Burlington, Wis., & Dover, O.
Wagner Bros., masons' & bldrs.' matls., Mount Gilead, Ohio.
Wagner Bros. & Co., architects' instruments & supplies, 71 W. 23d, New York.
Wagner, C. B., Hardware Co., Burlington, Wis.
Wagner, C. D., architect, 219 W 7th, Los Angeles, Cal.
Wagner, C. De Witt, clips, shears, Cedar Rapids, Ia.
Wagner, C. P., & Co., lubrg. oils, 308 Sycamore, Cincinnati, O.
Wagner, Carl H., barometers, thermometers, etc., 1944 N. Albany, av, Chicago, Ill.
Wagner Castings Co., malleable iron, Decatur, Ill.
Wagner, Chas., Machy. Co., Inc., machsts., 51-55 Park av, Hoboken, N. J.
Wagner, Chas. A., clays, minerals, 221 N. Front, Phila., Pa.
Wagner, Chas. C., architect, 32 Court, Brooklyn, N. Y.
Wagner Comb Mfg. Co., Myrtle av, Brooklyn, N. Y.
Wagner Curtain Stretcher Co., Greensburg, Pa.
Wagner, E. R., Mfg. Co., sheet metal stampings, No. Milwaukee, Wis.
Wagner Elec. Mfg. Co., transformer cut-outs, 6400 Plymouth, St. Louis, Mo.
Wagner Fire Brick Co., Scranton, Pa.
Wagner, Frank L., contractor, 1413 H, N. W., Washington, D. C.
Wagner, Fred L., architect, 23 Evergreen pl, East Orange, N. J.
Wagner Furn. Co., Dept. H, Herkimer, N. Y.
Wagner, G. N., Lbr. & Shingle Co., Grand Rapids, Mich.
Wagner, Geo., contractor, Hearst Bldg., San Francisco, Cal.
Wagner, Gilbert A., elec. contr., Stafford Springs, Conn.
Wagner Glass Works, 697 E. 132d, New York.
Wagner Hardware Co., gen. & heavy & automobile supplies, Mansfield, Ohio.
Wagner, Hy, stone products, Dubuque, Ia.
Wagner-Hoyt Elec. Co., igniters, 1902 Broadway, New York.
Wagner, J. B., lumber, Marion, Mich.
Wagner, J. G., brick & tile, Covington, Ohio.
Wagner, Jacob, common brick, Princeton, Ill.
Wagner, Jos., Mfg. Co., mill & factory supplies, 165 Beale, San Francisco, Cal.
Wagner Lumber Co., Dover, Ohio.
Wagner, M., Co., canned goods, Pratt st. Wharf, Baltimore, Md.
Wagner, M. C., contr., 175 Wash. blvd., Chicago, Ill.
Wagner Mfg. Co., aluminum & enameled hollow ware, Sidney, O.
Wagner Mfg. Co., hardware mfrs., Cedar Falls, Ia.
Wagner Mercantile & Mfg. Co., lumber, Suring, Wis.
Wagner, Peter, & Son, contractors, 384 Herman, Buffalo, N. Y.
Wagner, Philip, contractor, Camden, N. J.
Wagner Quarries Co., masons' & bldrs.' matls., Sandusky, Ohio.
Wagner Specialty Co., calf weavers, Burlington, Wis.
Wagner Spring Bed Mfg. Co., Holyoke, Mass.
Wagner, Stewart, architect, 7 E. 42d, New York.
Wagner Supply Co., mill, oil, gas well supplies, Fort Worth, Texas.
Wagner, T. S., contractor, Des Moines, Ia.
Wagner, Thos. A., lime mfrs., Myerstown, Pa.
Wagner, W. S., architect, 101 Park av, New York.
Wagner, W. S., & Son, contrs., Butler, Pa.
Wagner, Wm. F., architect, 1330 13th, N. W., Washington, D. C.
Wagner & Wilson, lbr., Monroe, Wash.
Wagner's, J. F., Sons Co., cornices, Louisville, Ky.
Wagner's, J. F., Sons Co., sheet metal workers, 1145 S. 7th, Louisville, Ky.
Wagoner, J., canned goods, 516 N. 2d, St. Louis, Mo.
Wagoner Lbr. Co., veneer, Dept. H, Pamlico, S. C.
Wagoner Roller Mill Co. See O'Bannon Co. (successors)
Wag's Chemical Co., pharmaceuticals, soaps & insecticides, 312 W. Jackson av, Knoxville, Tenn.
Wagstaff, W. J., lumber, Oshkosh, Wis.
Wah Chang Mining & Smelting Co., antimony imp., 233 Broadway, New York.
Wahl Co., fountain pens & pencils, 1800 Roscoe, Chicago, Ill.
Wahl, Ed. M., contractor, St. Cloud, Minn.
Wahl, Emil, Mfg. Co., bone buttons, Pulaski av & Ruffner, Philadelphia, Pa.
Wahl Mfg. Co., transformers & vibrators, Sterling, Ill.
Wahle-Phillips Co., elec. & gas light fixtures, 101 Park av, New York.
Wahlfeld Mfg. Co., plate glass, Peoria, Ill.
Wahlman, J. S., contractor, Ishpeming, Mich.
Wahlstrom Tool Co., drill chucks & oil lubricators, 5520 2d av, Brooklyn, N. Y.

Waid, D. Everett, architect, 1 Madison av, New York.
Wainwright, Jno. C. A., foundry facings, Spring City, Pa.
Wainwright, R., tex. machy. (roll coverers), Westpoint, Ga.
Wainwright, W. W., & Son, machsts., piston rings, etc., Connersville, Ind.
Wait, A. L., mill & facty. supps., Tulsa, Okla.
Wait, Chas. D., masons' & bldrs.' matls., Montgomery, N. Y.
Wait, Ch. S., lumber, Londonderry, Vt.
Wait, E. R., Shingle Co., Port Angeles, Wash.
Wait, F. W., Lime Co., Glens Falls, N. Y.
Wait Furn. Co., Dept. H, Portsmouth, Ohio.
Waite & Bartlett Mfg. Co., X-ray app., etc., 53 Jackson av, Long Island City, N. Y.
Waite Chair Co., Baldwinsville, Mass.
Waite, Frank E., architect, Brewster, N. Y.
Waite Grass Carpet Co., Oshkosh, Wis.
Waite, H. B., Lbr. Co., Security Bldg., Minneapolis, Minn.
Waite Mill & Timber Co., Granite Falls, Wash.
Waite, Ranlet & Co., whol. hdwe., 80 Broad, Boston, Mass.
Waite Supply Co., steamfitters' supplies, 1635 5th, Pittsb'h, Pa.
Waite-Thresher Co., sewing thimbles, Abbott Park pl, Providence, R. I.
Waite Tractor Co., traction engines, Elgin, Ill.
Waitt Constr. Co., 2 W. 45th, New York.
Wake Forest Foundry Co., Wake Forest, N. C.
Wake Machine Works, Cardenas, N. C.
Wakefield, Clarence E., auto., bicycle & motorcycle adjustable open end wrenches, 89 Exchange, Worcester, Mass.
Wakefield, E. C., machst. & fndr., Cherryfield, Me.
Wakefield, F. W., Brass Co., machsts. & fndrs., Vermilion, Ohio.
Wakefield, Jas. W., machst. & fndr., Theresa, N. Y.
Wakefield Lumber Co., Wakefield, R. I.
Wakely, Archibald S., & Son, carriages, Milford, Mich.
Wakeman, Frank M., lumber mfrs., South Stockton, N. Y.
Wakeman, R., & Son, cotton felt mattresses, Saugatuck, Conn.
Walb, C. A., contractor, La Grange, Ind.
Walborn & Barney, contractors, Wilkes-Barre, Pa.
Walbridge & Co., mill & facty. supplies, whol. hdwe., 392 Main, Buffalo, N. Y.
Walbridge & Taylor, mill & facty. supplies, Peterboro, N. H.
Walbroehl & Co., light fixture mfrs., 3204 Jamaica av, Brooklyn, N. Y.
Walck, Henry S., agricultural implements, Greencastle, Pa.
Walco Mfg. Corp., grooving machines, Providence, R. I.
Walcott, Chester H., architect, 8 E. Huron, Chicago, Ill.
Walcott, Frank B., masons' & bldrs.' matls., Houston, Tex.
Walcott Lathe Co., Jackson, Mich.
Walcott, Russell S., architect, 8 E. Huron, Chicago, Ill.
Walcutt Bros., Co., wall pockets, 141-155 E. 25th, New York.
Waldbillig, John B., contractor, 425 1st, Albany, N. Y.
Waldeck, Anthony, machst. & fndr., 7607 B'way, Cleveland, O.
Waldeck, E., & Co., onyx souvenir placques, Jersey City, N. J.
Waldeck Pckg. Co., meat packers, Montrose & La Salle, St. Louis, Mo.
Walden Knife Co., Walden, N. Y.
Walden-Worcester, Inc., wrenches, 475 Shrewsbury, Worcester, Mass. *See adv. index at end of book*
Waldenberger Harness & Trunk Co., Little Rock, Ark.
Walder, Jacob, mill & facty. supplies, Paterson, N. J.
Waldes & Co., Inc., buttons, fasteners, 315 5th av, New York
Waldhauer, Stevens Co., cornices & skylights, 1721 Nostrand av, Brooklyn, N. Y.
Waldman, John J., wire measuring machs., switches, etc., 64 Murray, New York.
Waldman, L. C., architect, Riverside, Cal.
Waldner, Adam, lbr., sashes, doors & blinds, Ashland, Pa.
Waldo Bros., Waldo Bros. & Bond (successors).
Waldo Bros. & Bond Co., bldg, mtlrs. & constr. equip., 181 Congress, Boston, Mass.
Waldo Canning Co., Waldo, Wis.
Waldo Co., silk shades & holders, etc., 45 E. 20th, New York.
Waldo, E. M. & F., color mfrs. (selling agts), 11 Broadway, New York.
Waldorf Paper Products Co., box boards, boxes, cases & labels, St. Paul, Minn.
Waldron, Chas., machst. & fndr., Haverstraw, N. Y.
Waldron, E. M., & Co., contractors, 84 S. 6th, Newark, N. J.
Waldron, Edw. M., Inc., contractor, 27 Central av, Newark, N. J.
Waldron, F. A., modernizing engrs., 37 Wall, New York.
Waldron, Jno., Co., machsts. & fndrs., oil cloth machy., New Brunswick, N. J.
Waldstein Lbr. Co., 7th & Victor, St. Louis, Mo.
Wales Adder Mach. Co., Wilkes-Barre, Pa.
Wales, Chas. A., contractor, Yonkers, N. Y.
Wales, George E., canned goods, Newton Center, Mass.
Wales, H. A., Co., whol. dlrs. flags, pennants, etc., Bridgeport, Conn.
Wales Hardware Co., Ltd., Corry, Pa.
Wales, Merton W., naval architect, 2687 Main av, New York.
Walesby, P. C., architect, 5665 S. Thompson av, Tacoma, Wash.
Walger Awning Co., tent contrs., 561 W. Monroe, Chicago, Ill.
Walke, Henry, Co., mill & facty. supplies, Norfolk, Va.
Walker, A. F., architect, 140 Peachtree, Atlanta, Ga.
Walker, A. R., architect, Hibernian Bldg., Los Angeles, Cal.
Walker, Alfred J., & Co., wood & metal auto. bodies, 223 W. 66th, New York.
Walker, Ambrose, architect, 9 Cornhill, Boston, Mass.
Walker Bin Co., store fixtures, Penn Yan, N. Y.
Walker Bros., canned goods, Aberdeen, Md.
Walker Bros., flour mill, Hillsboro, N. C.
Walker Bros. Co., dies, tools, etc., 225 Walton, Syracuse, N. Y.
Walker Bros. Co., fertilizer, Griffin, Ga.
Walker Bros. & Haviland, conduit plugs & bushings, Otis Bldg, Phila., Pa.
Walker, C. E., & Co., masons' & bldrs.' matls., Portsmouth, N. H.
Walker, C. Howard, architect, 71 Kilby, Boston, Mass.
Walker, C. W., archt., First Nat'l Bank Bldg, Bridgeport, Conn.
Walker, C. W., Sons & Co., mill & facty. supplies, 288 Market, Newark, N. J.
Walker & Chambers, htg. contrs., 222 E. 41st, New York.
Walker, Chas. H., Mach. Co., gear tooth rounding machy., 819 Lawton, Detroit, Mich.
Walker, Chas. T., & Co., children's carriages, 716 W. North av, Chicago, Ill.
Walker, Chas. W., Sons & Co., mill & facty. supplies, 288 Market, Newark, N. J.
Walker Chem. Co., phthalicanhydride, 804 Carson, Pittsb'gh, Pa.
Walker County Lbr. Co., Elmina, Tex.

Walker & Curley Co., contractors, Bessemer Bldg., Pittsb'h, Pa.
Walker Cut Stone Co., producers, whol., & dlrs., Tacoma, Wash.
Walker, E. H., architect, Somerset, Pa.
Walker Elec. Co., switches, 2337 Callowhill, Philadelphia, Pa.
Walker & Elliott, machsts., Wilmington, Del.
Walker Fdry. Co., Erie, Pa.
Walker, Frank A., architect, Montpelier, Barre, Vt.
Walker & Frank Brick Co., Dix & Lonyo rd, Detroit, Mich.
Walker, Frank Chase, architect, 20 W. Jackson blvd., Chicago, Ill.
Walker, Fred G., architect, 4712 Beacon, Chicago, Ill.
Walker, G. C., lumber, Warthen, Ga.
Walker, Geo. L., Co., contrs., 140th & Convent av, New York.
Walker, Geo. R., & Co., architects, Conover Bldg., Dayton, Ohio.
Walker & Gillette, architects, 128 E. 37th, New York.
Walker, H. C., & Co., flour mills, Bradfordsville, Ky.
Walker, H. E., & Bro., lumber, Barree, Pa.
Walker, H. L., Co., electric & gas light fixtures, 185 Jefferson av, Detroit, Mich.
Walker, Harry L., architect, 103 Park av, New York.
Walker Hay Brick Co., 1924 Farmers Bank Bldg, Pittsburgh, Pa. *See adv index at end of book.*
Walker, Hy. L., Co., electric lamps & conduit fittings, 185 East Jefferson av., Detroit, Mich.
Walker, Hobart A., architect, 35 W. 39th, New York.
Walker, Hobart A., architect, 336 Main, East Orange, N. J.
Walker-Hopkins Lbr. Co., Moyers, Okla.
Walker, I. J., flour mills, Williston, Tenn.
Walker, Isaac, Hardware Co., Peoria, Ill.
Walker, J. C., & Sons Co., fertilizer mfrs., Gap, Pa.
Walker, J. E., granite, St. Johnsbury, Vt.
Walker, J. R., architect, Payette, Idaho.
Walker, J. S., & Co., bags & bagging, Louisville, Ky.
Walker, Jas., architect, Prudential Bldg., Buffalo, N. Y.
Walker, Jas., Co., mill & facty. supps., & ship clamps, 123 Light, Baltimore, Md.
Walker, Jas., & Co. (Ltd.), packing mfrs., 46 West, New York
Walker, Jas. D., contractor, Erie, Pa.
Walker, Jas. J., heating contr., 5422 Vine, Philadelphia, Pa.
Walker, Jas., & Son, coppersmiths, 76 Jefferson av, Detroit, Mich.
Walker, Jno., flour mills, Dandridge, Tenn.
Walker, John L., Co., steam fitters' supplies, Hamilton, Ohio.
Walker, Jos., granite, Quincy, Mass.
Walker, Jos., Constr. Co., 90 State, Albany, N. Y.
Walker, L. B., architect, Poplar Bluff, Mo.
Walker, L. P., lumber, Hartford, Mich.
Walker Lithograph & Publishing Co., maps, 400 Newbury, Boston, Mass.
Walker, Livingston & Brackett, architects, E. & B. Bldg., Rochester, N. Y.
Walker, M. A., & Co., mill & facty. supplies, Covington, Tenn.
Walker Mfg. Co., agri'l implts., steel corn cribs, etc., Council Bluffs, Ia.
Walker Mfg. Co., automobile jacket equipt., Racine, Wis.
Walker Mfg. Co., iron castings, Denver, Colo.
Walker Mfg. Co., machsts. & fndrs., Fenton, Mich.
Walker Mfg. Co., textile machy., supplies, etc., Kensington & Ontario, Phila., Pa.
Walker Mfg. & Supply Co., plumbers' supplies, jobbers, Shelby & Woodbridge, Detroit, Mich.
Walker, Marion M., & Son, contractors, Alexandria, Ind.
Walker Motor Co., auto engines & machsts., H, E. 131st, Cleveland, Ohio.
Walker, N. Gaillard, architect, Rock Hill, S. C.
Walker, O. S., Co., magnetic chucks, grinding machinery, planer parallels mfrs., Worcester, Mass.
Walker, P. J., Co., contractors, Monadnock Bldg, San Francisco, Cal.
Walker, P. M., & Co., flour mills, Loogotee, Ind.
Walker & Pratt Mfg. Co., machsts. & fndrs., 31 Union, Boston, Mass.
Walker, R. M., & Co., contrs., Atlanta, Ga.
Walker, R. W., patterns & models, Lawrence, Mass.
Walker, Robt. J., sash, door & blind, Osceola Mills, Pa.
Walker, Russell Tracy, architect, 47 W. 34th, New York.
Walker Sand Co., West Springfield, Pa.
Walker & Sons, masons' & bldrs.' matls., Groesbeck, Tex.
Walker Stratman & Co., fertilizer mfrs., Herrs Island, Pittsburgh, Pa.
Walker, T. M., Co., sash, door & blind mfrs., Springfield, Mass.
Walker, Thomas, contractor, Mobile, Ala.
Walker, Thos., & Sons, mchsts., 4617 Tacony, Fkd., Phila., Pa.
Walker, Thos., & Sons, packing mfrs., 4617 Tacony, Phila., Pa.
Walker & Vawter, architects, Hibernian Bldg., Los Angeles, Cal.
Walker Vehicle Co., storage battery trucks, State & 87th, Chicago, Ill.
Walker Veneer Works, Alpena, Mich.
Walker, W. D., contractor, Abington Bldg., Portland, Ore.
Walker, W. & H., soap, Herrs Island, Pittsburgh, Pa.
Walker, W. H., architect, 17 Custom House, Providence, R. I.
Walker, W. J., Steel Co., 1722 Columbus rd, Cleveland, Ohio
Walker, W. Leslie, architect, 103 Park av, New York.
Walker, W. S., machy. dlrs. & imp., Rockville, Mo.
Walker, W. W., Milling Co., rye flour, Alden, Minn.
Walker, Walter, & Co., masons' & bldrs.' matls., Imlay City, Mich.
Walker & Ward, 52 Vanderbilt av, New York.
Walker & Weeks, architects, 1900 Euclid av, Cleveland, Ohio.
Walker-Weiss Axle Co., machsts. & fndrs., Flint, Mich.
Walker Wells Co., auto. bodies, Amesbury, Mass.
Walker & Werner, auto. wood bodies, Peoria, Ill.
Walker, Wm. R., & Son, architects, 17 Custom House, Providence, R. I.
Walker, Wm. S., Co., advertising counsellors, Park Bldg, Pittsburgh, Pa.
Walkers Mill Stone & Brick Co., Keenan Bldg., Pittsburgh, Pa.
Walkerton Milling Co., flour, Walkerton, Va.
Walkerville Dressed Meat Co., Walkerville, Mont.
Walkup, A. M., Co., contractors & bldrs., American Nat. Bk. Bldg., Richmond, Va.
Wall, A. T., Co., jewellers' supp. or findings, 162 Clifford, Providence, R. I.
Wall, Daniel, cotton damasks, Unity & Leiper, Phila., Pa.
Wall, C. M., & Son, lbr., Southmont, N. C.
Wall-Huske Co., whol. hdwe., Winston-Salem, N. C.
Wall, J. F., & Son, wrapping paper, Walpole, Mass.

Wall, P., Mfg. Supply Co., conduit hangers, oilers, tanks, etc., 705 Preble av, Pittsburgh, Pa.
Wall Pocket Imptg. Co., see U. S. Wall Pocket Mfg. Co. (successors).
Wall, R. C., Mfg Co., auto. wood bodies, 228 N. 15th, Philadelphia, Pa.
Wall, Richard J., architect, 2330 N. Halsted, Chicago, Ill.
Wall-Rogalsky Milling Co., flour, McPherson, Kans.
Wall Rope Works, Inc., 48 South, New York.
Wall-Spalding Lumber Co., Oshkosh, Wis.
Wall, Wm. G., & Son, contrs., Peoria, Ill.
Walla Walla Brick & Tile Co., common, Walla Walla, Wash.
Walla Walla Construction Co., Walla Walla, Wash.
Walla Walla Iron Works, machsts. & fndrs., Walla Walla, Wash.
Walla Walla Lumber Co., sash, door & blind, Walla Walla, Wash.
Walla Walla Meat & Cold Storage Co., packers, Walla Walla, Wash.
Wallace, A. D., carriages, Alliance, Ohio.
Wallace Addressing Machine Co., 116 W. 14th, New York.
Wallace-Ballord Lumber Co., 1613 Lumber Exchange, Minneapolis, Minn.
Wallace Bros., sashes, doors & blinds, New Castle, Pa.
Wallace Bldg. Co., Laconia, N. H.
Wallace, C. D., & Co., closet tanks, 1502 Arrott Bldg., Pittsburgh, Pa.
Wallace & Bush, engng. contrs., San Jose, Cal.
Wallace, C. E., & Co., machy. dlrs., Chicago Heights, Ill.
Wallace, Charles L., architect, Hammond Bldg., Joliet, Ill.
Wallace, Dwight G., architect, 6 N. Clark, Chicago, Ill.
Wallace Co., grindstones, Port Austin, Mich.
Wallace, Elizabeth B., architect, 227 Jefferson, Joliet, Ill.
Wallace, F. J., Co., hardware mfrs., Meriden, Conn.
Wallace, Frank, contrs., 1235 Liverpool, Pittsburgh, Pa.
Wallace, Frank E., contr., 1220 Chancellor, Philadelphia, Pa.
Wallace Furn. Co., Dept. H, Grand Rapids, Mich.
Wallace & Gale, mill & facty. supplies, 115 S. Gay, Baltimore, Md.
Wallace, Geo. J., Jr., htg. contr., 206 E. 57th, New York.
Wallace, Hugh, Co., carriage robes, 2616 E. Grand Blvd., Detroit, Mich.
Wallace, J. D., wood planing machines, 1401 W. Jackson blvd., Chicago, Ill.
Wallace, J. E., contractor, La Crosse, Wis.
Wallace, John, Sons Co., masons' & bldrs.' matls., St. Joseph, Mich.
Wallace, Jos. H., & Co., paper & pulp mill architects, 5 Beekman, New York.
Wallace Lbr. Co., York, Ala.
Wallace, M. B., masons' & bldrs.' matls., Dearborn, Mich.
Wallace Machine & Foundry Co., Lafayette, Ind.
Wallace, Maurice R., architect, 1264 N. Lincoln av, Chicago, Ill.
Wallace Mfg. Co., machsts. & fndrs., Frankfort & Kendallville, Ind.
Wallace, N., machst. & fndr., Farmington, Conn.
Wallace, R. Bruce, & Co., contrs., 45 N. 13th, Philadelphia, Pa.
Wallace, R., & Sons Mfg. Co., silver novelties, cork screws, Wallingford, Conn.
Wallace, Robert A., architect, Mutual Life Bldg., Buffalo, N. Y.
Wallace, Rodney, Co., cotton waste, Fitchburg, Mass.
Wallace & Smith Co., harness, saddles, etc., 86 W. Water, Milwaukee, Wis.
Wallace, Sterling, printing inks, 65 Frankfort, New York.
Wallace Stone Co., Bay Port, Mich.
Wallace Supplies Mfg. Co., forming & bending machines & screw mach. prod., 416 Orleans, Chicago, Ill. *See adv index at end of book*
Wallace-Tiernan Co., Inc., chlorinators, water purifying & filtering apparatus, 349 Broadway, New York.
Wallace Tractor Co., machsts., Cleveland, Ohio.
Wallace, W. H., flour, Mexia, Tex.
Wallace, W. R., & Co., contrs., Fort Wayne, Ind.
Wallace, W. W., & Co., sash, door & blind, Apollo, Pa.
Wallace Wall Paper Co., Cortland, N. Y.
Wallace & Warner, architect, Real Estate Trust Bldg., Philadelphia, Pa.
Wallace, Wm., & Sons, machsts. tools, 513 Wells, Chicago, Ill.
Wallarger Mfg. Co., office & store fixtures, 28 Juneau av, Milwaukee, Wis.
Wallaster, J. G., advtg. nov., 620 Poydras, New Orleans, La.
Wallbrunn, Kling & Co., mill & facty. supps., 327 S. Clark, Chicago, Ill
Waller Bros. Stone Co., McDermott, Ohio.
Waller, Geo. D., architect, Arcade, Nashville, Tenn.
Waller, John T., architect, Hopkinsville, Ky.
Waller, M. L., architect, Wheat Bldg., Fort Worth, Tex.
Waller Mfg. Co., hogsheads, Lexington, Ky.
Waller, Silber & Co., architects, Bedell Bldg, San Antonio, Tex.
Wallhead, Wm. A., brick, Elyria, Ohio.
Wallin, Henrik, architect, 23 Abercorn, Savannah, Ga.
Wallinder, E. G., packing box, sash door & blind mfrs., Duluth, Minn.
Walling, H. E., ties, poles, etc., Union Trust Bldg., Providence, R. I.
Walling, Luther, machs., Belford, N. J.
Walling, S. E., machst. & fndr., Bellingham, Wash.
Wallingford Co., silver nov., Wallingford, Conn.
Wallingford Lumber Co., Wallingford, Conn.
Wallingford Mfg. Co., machsts. & fndrs., Wallingford, Vt.
Wallingford, V. O., architect, Phœnix, Ariz.
Walling's, Jesse, Mills, flour mills, McMinnville, Tenn.
Wallington, E., architect, Seaboard Bldg., Seattle, Wash.
Wallior Chemical Wks., chemists, New Orleans, La.
Wallis, A. H., glass mosaic wk., 3308 Easton, St. Louis, Mo.
Wallis & Carley Co., masons' & bldrs.' matls., Sharon, Pa.
Wallis Couch & Carriage Wks., 12 E. Grant, Minneapolis, Minn.
Wallis, F. E., architect, 56 W. 45th, New York.
Wallis & Sons, scrap iron & steel, Tacoma, Wash.
Wallis Tractor Co., machsts., Racine, Wis.
Walliser, August, silk tassels & fringes, 531 Hermitage, Philadelphia, Pa.
Walloomsac Paper Co., Walloomsac, N. Y.
Walloon Lake Lumber & Shingle Co., Walloon Lake, Mich.
Wallower, Roland C., advertising counsellor, 918 N. 16th, Harrisburg, Pa.
Walls, Owen & Stambach Co., plumbers' supplies, jobbers, 11th & Hamilton, Philadelphia, Pa.
Walls, T. P., Tool & Supply Co., hardware, 75 Walker, New York.
Wallwork, C. H., architect, Oregon Bldg., Portland, Ore.
Wallwork, H., Foundry Co., brass castings, Birmingham, Ala.
Wallwork, J. J., architect, Artillery Bldg, Savannah, Ga.
Walnut Creek Milling Co., flour, Great Bend, Kans.
Walnut Lbr. Co., 1635 W. Michigan, Indianapolis, Ind.
Walnut Milling Co., flour & feed, Walnut, Ia.
Walohn Mfg. Co., whalebone, 31 Union sq, W., New York.
Walp, C. H., & Bro., masons' & bldrs.' matls., Quakertown, Pa.
Walpert, Fred, & Co., steam curled hair, 106 N. Gay, Baltimore, Ohio.
Walrath, Alphonso, Co., machsts., Fort Plain, N. Y.
Walrath Glove Co., Gloversville, N. Y.
Walrath-Sherwood Lbr. Co., Omaha, Neb.
Walraven Co., The, mill supplies, Atlanta, Ga.
Wal-Rike Pony Vehicle Co., St. Paris, Ohio.
Walrus Mfg. Co., bank, office & store fix., Decatur, Ill.
Walsh & Allen, machinists, 15 Wilbur av, Long Island City, N.Y.
Walsh Bros., contractors, Boston, Mass.
Walsh Bros. & Schurr, contractors, Sandusky, Ohio.
Walsh, C. M., lbr., Cuyahoga Falls, Ohio.
Walsh Construction Co., Davenport, Ia.
Walsh, David, cut glassware, Somerville, Mass.
Walsh, Dennis R., architect, Littlefield Bldg., Austin, Tex.
Walsh, Edw. W., stone, Terre Haute, Ind.
Walsh Fire Clay Products Co., brick mfrs., 4070 N. Main, St. Louis, Mo.
Walsh, Geo. J., dock bldrs., 446 47th, Brooklyn, N. Y.
Walsh, Harold V., architect, B'way, cor. Shady la, Yonkers, N. Y.
Walsh, Henry A., architect, Lennox Bldg., Cleveland, Ohio.
Walsh, J. F., sheet metal brushes & compounds, Pittsfield, Mass.
Walsh, J. R., architect, Herkimer Bldg., Jacksonville, Fla
Walsh, J. V., Co., cooperage stock, Peoples Bank Bldg, Pittsburgh, Pa.
Walsh, Jas., & Co., distillers, Union Tr. Bldg., Cincinnati, Ohio.
Walsh, Jas. D., Sons, cornices, Albany, N. Y.
Walsh & Odell, architects, Chamber of Com. Bldg., Detroit, Mich., & McAlester, Okla.
Walsh, John D., Inc., dock bldrs., 397 Hancock, Brooklyn, N. Y.
Walsh, Louis A., architect, 51 Leavenworth, Waterbury, Conn.
Walsh, M. & Son, contrs., Bloomington, Ill.
Walsh, M. J., Machy. Co., 141 Sycamore, Milwaukee, Wis.
Walsh, M. S., mattresses, Williamsport, Pa.
Walsh Mfg. Co., cooperage stock, 72 S. 9th, Pittsburgh, Pa.
Walsh & Masterson, contractors, 35 S. Dearborn, Chicago, Ill.
Walsh, Maurice J., & Sons, contractors, Holyoke, Mass.
Walsh, Owen, Mfg. Co., elec. & gas light fixtures, mail boxes, etc., 525 W. 26th, New York.
Walsh Packing Co., metallic packing, 304 New, Phila, Pa.
Walsh Paper Co., Cuyahoga Falls, Ohio.
Walsh Press & Die Co., 4709 W. Kinzie, Chicago, Ill.
Walsh & Reichling, masons' & bldrs.' matls., Piermont, N. Y.
Walsh, Richard, self-closing cocks, 61 Wayne, Detroit, Mich.
Walsh, Richard, & Sons, contractors, Orthodox & Frankford Creek, Philadelphia, Pa.
Walsh Safety Lock Snap Co., Bellevue, Ohio.
Walsh, Standley, & Co., contractors, Chamber of Commerce, Detroit, Mich.
Walsh Stevedoring & Contrg. Co., Mobile, Ala.
Walsh, T. P., cornices & skylights, San Antonio, Tex.
Walsh, Thomas F., architect, Boston Bldg., Denver, Colo.
Walsh Tie & Lbr. Co., Title Guaranty Bldg., St. Louis, Mo.
Walsh Timothy, archit., 135 St. Paul, Brookline, Mass.
Walsh, W. J., & Co., steam fitters' supplies, 503 N. Dearborn, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn
Walsh's Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
WALSH'S SONS & CO., INC., scrap iron & steel, machinery, belting & hose, 295-305 Passaic, Newark, N. J.
Walstad Machine & Elec. Co., Tacoma, Wash.
Walstad Mach. Co., Tacoma, Wash.
Walt, M., De Kalb Co., architects, 404 Holland block, Lima, O.
Walte, Guy B., contractor, 413 E. 31st, New York.
Walter, Anton, Supply Co., masons' & bldrs.' matls., Dayton, Ky.
Walter Bros., buggy & carriage aprons, Dallas City, Ill.
Walter Co., contrs. & industrial engrs., First National Bank Bldg, Chicago, Ill.
Walter, Edward J., Co., chemical brokers, American Bldg., Baltimore, Md.
Walter, G., carriages, Murfreesboro, Tenn.
Walter, G. E., arch'l modelers, 157 E. 44th, New York.
Walter, Geo. J., masons' & bldrs.' matls.—common brick, Chatsworth, Ill.
Walter, H. R., Lumber Co., Fayette & Manhattan, Pittsburgh, Pa.
Walter, John, & Sons, cornices & skylights, Ottawa, Ill.
Walter, John W., contractor, Canton, Ohio.
Walter Machine Co., 186 Bellevue av, Detroit, Mich.
Walter Mfg. Co., brassed steel ware, Fulton Bldg., Pittsburgh, Pa.
Walter Motor Truck Co., 110 West End av, New York.
Walter, N. C., & Sons, die sinkers, 3 Park Row, New York.
Walter, W. A., architect, Penn blvd, W. Lawn, Reading, Pa.
Walter W. H., Lbr. Co., Royal Center, Ind.
Walter, Wallingford & Co., pig iron & coke, Trac. Bldg., Cleveland, O.
Walter, Wayne M., architect, 127 N. Dearborn, Chicago, Ill.
Walterboro Lbr. Co., Ridgeway, Pa.
Walterboro Cotton Oil Co., Walterboro, S. C.
Walters, Alfred, architect, 45 Clinton, Newark, N. J.
Walters, G., carriages, Sandwich, Ill.
Walters, Geo. C., machsts., 1316 Ellsworth, Philadelphia, Pa.
Walters, H. D., freight elevators, 210 2d av, Pittsburgh, Pa.
Walters, John W., masons' & bldrs.' matls., Johnstown, Pa.
Walters Mfg. Co., dipping paints, Fulton Bldg., Pittsburgh, Pa.
Walters, T. E., Plumbing & Htg. Co., Aurora, Ill.
Waltham Coal Co., masons' & bldrs.' matls., Waltham, Mass.
Waltham Foundry Co., Waltham, Mass.
Waltham Grinding Wheel Co., Waltham, Mass.
Waltham Lathe Mfg. Co., Waltham, Mass.
Waltham Machine Works, mfrs. thread milling & gear cutting machines, sub press dies & special small machinery, Waltham, Mass.
Waltham Micrometer Dial Gauge Co., dial gauges & dial indicators mfrs., 248 Ash, Waltham, Mass.
Waltham Piano Co., Becker av & 1st, Milwaukee, Wis.

Waltham Screw Co., Waltham, Mass.
Waltham Trap Rock Co., Waltham, Mass.
Waltham Watch Co., Waltham, Mass.
Walther, A., & Sons, cornices, Bay City, Mich.
Walther, Bart., & John P., architects, 103 E. 125th, New York.
Walther Bros., fndrs., Coxsackie, N. Y.
Walther & Co., paper & pulp mills, 72 Duane, New York.
Walther, E. G., architect, Union Arcade, Pittsburgh, Pa.
Walther, Geo. W., & Co., elec. light fix. mfrs., 712 N. Howard, Baltimore, Md.
Walther, Henry, contractor, Hennen Bldg., New Orleans, La.
Walther, Otto, textile machy., Bourse, Philadelphia, Pa.
Walther-Vogler Gas Machine Co., Davenport, Ia.
Waltke, Wm., & Co., hand soap, Grand av & 2d, St. Louis, Mo.
Walton, C. J., & Son, tubular & water tube boilers; grate bar mfrs., Louisville, Ky.
Walton Co., tap extractors, Hartford, Conn.
Walton Construction Co., 147 E. 125th, New York.
Walton Cotton Mill Co., Monroe, Ga.
Walton, D. S., & Co., wrapping paper, 132 Franklin, New York.
Walton & Davis Co., masons' & bldrs.' matls., Dickinson, N. D.
Walton, F. S., Co., lubricating oils & greases, Orthodox & Del., Philadelphia, Pa.
Walton Foundry Co., Walton, N. Y.
Walton, H. H., lbr., Pendleton, Vo.
Walton, Jacob W., Sons, hair combs, 1615 Ruan, Phila, Pa.
Walton James, gas generators, Phoenicia, N. Y.
Walton Land & Timber Co., De Funiak Springs, Fla.
Walton Lbr. Co., Everett, Wash.
Walton, Luther, machst., Norristown, Pa.
Walton & Macke Nail Co., Kokomo, Ind.
Walton Mfg. Co., ventilators, 2610 Walton av, Cleveland, O.
Walton Neckyoke Centre Co., Gallatin, Mo.
Walton, P. B., lumber, Williamsport, Pa.
Walton, P. M., Mfg. Co., machinery mfrs., 1019 Germantown, Philadelphia, Pa.
Walton, Thos. S., knitted gloves, Needham Heights, Mass.
Walton-Van Huffel Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Waltz, A. H., contractor, Williamsport, Pa.
Waltz, Chris., cornices & skylights, Denison, Tex.
Waltz & Co., carriages, 2110 Main, Wheeling, W. Va.
Waltz, Ornan H., architect, Trust Co. Bldg., Ithaca, N. Y.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
Walville Lumber Co., Walville, Wash.
Walworth, A. O., & Co., machsts., 30 S. Clinton, Chicago, Ill.
Walworth-English-Flett Co., htg. contrs., 100 Pearl, Boston, Mass.
Walworth Mfg. Co., steam fitters' supplies, 798 1st, S. B., Boston, Mass.
Walworth Run Foundry Co., 2488 W. 27th, Cleveland, Ohio.
Walz, C., brass fndrs., 296 Division, Detroit, Mich.
Walz, F. C., architect, 118 Asylum, Hartford, Conn.
Walz, Geo. A., lumber, Norwalk, Wis.
Walz, Hy. J., Co., oven builders, 72 Huron, Buffalo, N. Y.
Wampum Mill Co., flour, Wampum, Pa.
Wamsher, Harry G., stone producers, Perkasie, Pa.
Wamsley, A. S., lumber, Stout, Ohio.
Wamsutta Mills, cotton sheetings, New Bedford, Mass.
Wanacek Strop & Cutlery Co., Fremont, Ohio.
Wanamaker, Geo. E., contr., Greenwich Conn.
Wanaque River Paper Co., 290 B'way, New York.
Wand & Niehaus, fire doors, 1315 Cora, St. Louis, Mo.
Wandell, Jno. C., architect, 4 Court sq, Brooklyn, N. Y.
Wander Iron Works, 321 E. 94th, New York.
Wander, S., & Sons Chemical Co., Albany, N. Y.
Wandke, W. G., architect, 331 W. 14th, New York.
Wangaum Cut Glass Co., Hawley, Pa.
Wangenstein, J. J., architect, Providence Bldg., Duluth, Minn.
Wangler Jos. F., Boiler & Sheet Iron Works, Federal Reserve B'k Bldg., St. Louis, Mo.
Wannenwetsch, C. H. A., architect, 563 William, Buffalo, N. Y.
Wanner, Louis, Jr., high pressure piping, 1723 Ludlow, Philadelphia, Pa.
Wanner Machy. Co., printing presses, 716 S. Dearborn, Chicago, Ill.
Wantega Sand & Gravel Co., concrete roofing, tile, Johnson City, Tenn.
Wantling, Isaac, & Co., coal drills, Peoria, Ill.
Wantz Lumber & Coal Co., Miamisburg, Ohio.
Wapak Hollow Ware Co., Wapakoneta, Ohio.
Wapakoneta Machine Co., Wapakoneta, Ohio.
Wappat Gear Works, Dept. H, Mead & Braddock av, Pittsburgh, Pa.
Wappler Elec. Co., batteries, surgical instruments, etc., 184 Harris av, Long Island City, N. Y.
Wapsipinicon Mill & Power Co., buckwheat flour, Independence, Ia.
Warburg, Bernard, brick, Springfield rd., New Burlington, Cincinnati, Ohio.
Ward, A. H., lumber, Loudon, Tenn.
Ward Aaron & Son, contractors, Camden, N. J.
Ward, Albert J., Co., stone producers, Fullerton av Bridge, Chicago, Ill.
Ward, Alfred L., architect, Stephen Girard Bldg., Phila., Pa.
Ward-Bate Co., lbr., Georgetown, S. C.
Ward-Brock Sash & Door Co., 618 Freeman av., Cincinnati, Ohio.
Ward Bros., contractors, 9338 Hough Ct, Cleveland, Ohio.
Ward Bros., lbr., mfrs., Big Rapids, Mich.
Ward, C. J., masons' & bldrs.' matls., Titusville, Pa.
Ward, Chas., Engrg. Works, machsts. & fndrs., Charleston, W. Va.
Ward & Co., mchsts., 54 Fulton av, Astoria, N. Y.
Ward & Co., meat packers, Fairmont, Minn.
Ward, E. M., contractor, Lexington, N. C.
Ward, Edw., contractor, Bloomington, Ill.
Ward, Edw. D., contractor, 82 Foster, Worcester, Mass.
Ward, Frank F., architect, 256 B'way, New York
Ward, Fred, & Son, machinery dealers, 164 1st, San Francisco, Cal.
Ward Furniture Mfg. Co., Fort Smith, Ark.
Ward, Geo. H., & Co., machsts., 78 Delevan, Brooklyn, N. Y.
Ward & Goodwin, contractors, 110 Jessie, San Francisco, Cal.
Ward, Hugh H., cornices, Chester, Pa.
Ward Iron Works. See Pacific Iron & Steel Co., Inc., jobbing mfrs. of heavy sheet metal wks., 2637 Humboldt, Los Angeles, Cal. (successors)
Ward, J. B., & Sons, fndry., brushes, brooms, Paterson, N. J.
Ward, J. H., & Co., flour mills, Greenfield, Tenn.
Ward, J. H., & Sons Co., stone producers, Park & Nelson, Pittsburgh, Pa.
Ward J. W., lumber mfrs., Dufur, Ore.
Ward, John, & Co., flour, Thomasville, N. C.
Ward, John, & Son, railroad stationery, 115 Cedar, New York.
Ward, Jos. T., fndrs., 5809 Baynton, Phila., Pa.
Ward-Kent Co., box shooks, Greenfield, Tenn.
Ward La France Truck Corp., auto, Elmira, N. Y.
Ward, Leonard, Electric Co., rheostat controllers of all kinds, & circuit breakers, Mt. Vernon, N. Y.
Ward, Leland A., elec. contr., Naugatuck, Conn.
Ward, Leroy P., architect, 52 Vanderbilt av, New York
Ward-Love Pump Corp., Rockford, Ill.
Ward Mfg. Co., wire fences & gates, Decatur, Ind.
Ward, Marcus, Inc., papeterie mfrs., Pearson & Creek, Long Island City, N. Y.
Ward-Meehan Co., towels, Lehigh av. & Howard, Phila., Pa.
Ward Motor Vehicle Co., stor. battery trucks, Mt. Vernon, N. Y.
Ward, N. E., brick, Selma, N. C.
Ward, O. P., architect, Lincoln Bank Bldg., Louisville, Ky.
Ward, Oliver Q., contractor, Gary, Ind.
Ward Paving Co., 2308 N. 29th, Philadelphia, Pa.
Ward Plow Wks., Fayetteville, N. C.
Ward Pump Co., see Ward-Love Pump Corp. (successors).
Ward Safety Razor Co., Blue Island, Ill.
Ward, Sam'l, Mfg. Co., pads, albums & envelopes, 299 Atlantic av, Boston, Mass.
Ward Stilson Co., flags, emblems, etc., Anderson, Ind.
Ward, T. J., Const. Co., contrs., 1514 Olive, St. Louis, Mo.
Ward Tool & Forging Co., drills, reamers & pneumatic rivet sets, Latrobe, Pa.
Ward Tractor Co., engines, plows, Lincoln, Neb.
Ward, W. A., architect, Port Chester, N. Y.
Ward, W. G., machinist, Cadiz, Ohio.
Ward, W. G., Lumber Co., Ironton, Ohio.
Ward W. H., machsts & fndrs, Milford, Me.
Ward, W. H., Co., bldg. contr., Lowell, Mass.
Ward, W. H., & Son, contrs. Harvard, Ill.
Ward, W. W., & Son, masons' & bldrs.' matls., Charlotte, N. C.
Ward & Weighton, contractor, Sioux City, Ia.
Ward, Wilbur F., cornices, 20 W. Pratt, Baltimore, Md.
Ward & Williams, machsts. & fndrs., Hancock, Mich.
Warde Piano Co., 66 E. 125th, New York.
Warden, Geo. J., & Co., carriages, 6530 Carnegie av, Cleveland, Ohio.
Wardlow, H. P., flour, Alberta, La.
Wardlow, J. & W., cotton damasks, 1615 Foulkrod, Phila., Pa.
Wardlow, S. & C., crucible steel, 278 Pearl, New York.
Wardlow-Thomas Paper Co., Middletown, Ohio.
Wardman, Harry, contractor, 1430 K, N. W., Washington, D. C.
Wardner, Herbert L., architect, 60 Pemberton Sq, Boston, Mass.
Wardner & Tesch, architect, Everett Bldg, Akron, Ohio.
Wardrop, John, wholesale hardware, Mount Carmel, Pa.
Wardrop, Norval, architect, 1564 Woodward, Detroit, Mich.
Ward's, Edgar T. Sons Co., steel tubing, high speed strips & cold rolled steel, all grades, 44-54 Farnsworth, Boston, Mass. *See adv index at end of book.*
Ward's, Edgar T., Sons Co., iron & steel merchants, 260 West, New York. *See adv index at end of book.*
Wardwell Braiding Mach. Co., wire & cable cov. mach., Central Falls, R. I.
Wardwell Frederick S., contr., Stamford, Conn.
Wardwell Hardware Co., Rome, N. Y.
Wardwell Lumber Co., Bristol, R. I.
Wardwell Mfg. Co., machy., 110 Hamilton av, N. E., Cleveland, Ohio.
Ware Arthur, architect, 1170 B'way, New York
Ware, Arthur W., & Co., umbrellas, whips, 12 E. 18th, New York.
Ware Bros. Co., whol. hdwe., Spokane, Wash.
Ware Bros., screw machine products, 4458 W. Lake, Chicago, Ill.
Ware Co., mailing tubes, 50 Watts, New York.
Ware, J. A., Const. Co., contrs., Boatman's Bk. Bldg., St. Louis, Mo.
Ware, Jas. E., & Sons, architects, 1170 B'way, New York.
Ware Mfg. Co., hosiery, elastic, surgical, Camden, N. J.
Ware, Randolph F., architect, 407 York, Newport Ky.
Ware Shoals Mfg. Co., sheetings—cotton, Ware Shoals, S. C.
Ware & Treganza, architects, Utah Sav. & Tr. Bldg., Salt Lake City, Utah.
Ware, Vernon E., contractor, El Paso, Tex.
Ware, Walter F., Co., sporting goods, 1034 Spring, Phila., Pa.
Ware, Wm., Lbr. Co., Houston, Tex.
Warehouse Point Silk Co., silk thread, Warehouse Point, Conn.
Warfel, W. H., cornices, Muncie, Ind.
Waring, Chapman & Farquhar, sewage disposal plants, 874 B'way, New York.
Waring, Edw. C., clothes washing machines, Huntsville, Mo.
Waring, Geo. W., contractor, Columbia, S. C.
Waring-Underwood Co., expansion joints, Commercial Trust Bldg., Philadelphia, Pa.
Waring, Vechten Co., advtg. counsellors, 37 E. 28th, New York.
Wark Co., contrs., concrete engnrs., 231 S. Broad, Phila., Pa.
Wark, Jas., granite, Milford, N. H.
Wark, W. E., Co., see Wark Co. (sucessors).
Warley, Thos C., & Co., boiler compounds, 211 Bainbridge, Phila., Pa.
Warlick Lbr. Co., Gilkey, N. C.
Warlick Sheet Metal Mfg. Co., cornices & skylights, Atlanta, Ga.
Warlick & Sherrill Co., textile mach. supplies, Granite Falls, N. C.
Warman Steel Casting Co., Redondo, Cal.
Warn Lbr. Corp., Raywood, W. Va.
Warne, H. Rus., architect, Charleston, W. Va.
Warnell Lumber & Veneer Co., Plant City, Fla.
Warner, A. R., contractors, Waynesboro, Pa.
Warner Bros. Co., sheet metal stamping, Bridgeport, Conn.
Warner, C. B. & J., elec. portables & shades, 138 W. 14th, New York
Warner, C. T., mica, 906 S. Bishop, Chicago, Ill.
Warner, Chas., Co., hydrated lime, I. O. O. F. Bldg., Wilmington, Del.
Warner, Chas., Co., masons' & bldrs.' matls., 18 E. 41st, New York.
Warner, Chas. W., cornices, 522 W. Harrison, Chicago, Ill.
Warner Chemical Co., 52 Vanderbilt av, New York.
Warner & Childs Co., corrugated bottle wrappers, Medford, Mass.

Warner Collieries Co., The, coal mine, Union Nat'l Bk. Bldg., Cleveland, Ohio
Warner Co., vacuum cleaners, etc., Muncie, Ind.
Warner Construction Co., 189 W. Madison, Chicago, Ill.
Warner Corp., gears, Muncie, Ind.
Warner, E. T., machsts. & fndrs., Petersburg, Ind.
Warner, Edw. C., machst. & fndr., Ludlow, Vt.
Warner Electric Co., elec. spec., Muncie, Ind.
Warner Elev. Mfg. Co., grain elev. bldrs., Warner, Ill.
Warner Elevator Mfg. Co., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book.*
Warner, Franklin E., architect, Belding Bldg., Stockton, Cal. Cal.
Warner, Franz C., architect, Hippodrome Annex, Cleveland, O.
Warner, G. F., Mfg. Co., archl. iron, New Haven, Conn.
Warner Gear Co., automotive gears, Muncie, Ind.
Warner, Geo., lumber, Drexel Bldg., Philadelphia, Pa.
Warner, Geo. W., contractor, 29 Circular av, New Haven, Conn.
Warner Hammer Co., Cromwell, Conn.
Warner Hardware Co., 13 S. 6th, Minneapolis, Minn.
Warner Iron Co., blast furnaces, Nashville, Tenn.
Warner, J. Foster, architect, Granite Bldg., Rochester, N. Y.
Warner Jewelry Case Co., 642 Mich. av, Buffalo, N. Y.
Warner Lamp Co., Davenport, Ia.
Warner-Lenz Co., automobile lenses, 914 S. Mich. av, Chicago, Ill.
Warner Mfg. Co., engraving machines, 810 Citizens' Bldg., Cleveland, Ohio.
Warner Mfg. Co., hdwe. mfrs., Greenfield, Mass.
Warner Mfg. Co., truck trailers, Beloit, Wis.
Warner Mfg. Co., woven labels, Paterson, N. J.
Warner-Miller Co., masons' & bldrs.' matls., New Haven, Conn.
Warner-Newton Lbr. Co., Grand Rapids, Mich.
Warner, O. M., architect, 129 W. 3rd, Los Angeles, Cal.
Warner, P. B., contractors & railroad equipment, Cullom Station, Cincinnati, Ohio.
Warner-Quinlan Asphalt Co., contractors, 79 Wall, New York.
Warner, Robt. B., architect, 168 Bridge, Springfield, Mass.
Warner Silver Co., colonial candlesticks, Bridgeport, Conn.
Warner Sugar Refining Co., 79 Wall, New York.
Warner & Swasey Co., mach. tools, 5809 Carnegie av, Cleveland, Ohio
Warner, T. W., Co., see Warner Corp. (successor).
Warner, W. R., & Co., brushes, 136 Centre, New York.
Warnick, E. H., artificial limbs, Wilkes-Barre, Pa.
Warnke Bros. Co., cornices & skylights, Toledo, Ohio.
Warnock Mfg. Co., makers of pipe wrenches & pipe vises, 54 Commercial, Worcester, Mass.
Warnock & Ralston, soap, Rock Island, Ill.
Warnock, W. H., whol. hdwe., Magnolia, Ark.
Warnola Mfg. Co., Inc., metallic tubing, 73-75 Wooster, New York
Warns, Wm. H., machst., Painted Post, N. Y.
Warp Compressing Mach. Co., Worcester, Mass.
Warp Twisting-In Mach. Co., 260 Van Brunt, Brooklyn, N. Y.
Warren, A. J., Brush Co., 79 Elm, Cincinnati, Ohio.
Warren Axe & Tool Co., axes & logging tools, Warren, Pa.
Warren & Bailey Co., mill & fact'y supp, etc., 214 E. 3rd, Los Angeles, Cal.
Warren, Balderston & Co., mill & facty. & plumbers' supplies, Trenton, N. J.
Warren Belting Co., mill & factory supplies, Worcester, Mass.
Warren, Benj. R., & Sons, contractors, Princeton, N. J.
Warren Brass Fdry. Co., lavatory legs, Warren, Ohio.
Warren Brick & Tile Co., Warren, Ohio.
Warren Bros. Co., contrs., Railway Exchange Bldg, St. Louis, Mo.
Warren Bros. Co., general contractors, 142 Berkeley, Boston, Mass.
Warren Bros. Co., paints, etc., plate & window glass, Nashville, Tenn.
Warren Chemical & Mfg. Co., 17 Battery pl, New York.
Warren City Tank & Boiler Co., Warren, Ohio.
Warren & Clark, architects, 489 5th av, New York.
Warren Co., pulley covering, Niles, Mich.
Warren Constr. Co., Jamestown, N. Y., & Journal Bldg., Portland, Ore.
Warren Cotton Oil Mfg. Co., Warren, Ark.
Warren County Fertilizer Co., Warrenton, Ga.
Warren & Dellwardt Co., plumbers' supplies, jobbers, 109 Seneca, Buffalo, N. Y.
Warren, Edgar, Co., cornices, 116 N. 16th, Philadelphia, Pa.
Warren, Edward V., architect, 801 Essex Bldg, Newark, N. J.
Warren Evaporator Wks., Warren, Ohio.
Warren Fertilizer Co., Warren, Pa.
Warren Fdry. & Mach. Co., Phillipsburg, N. J.
Warren, Fred B., architect, 108 E. 39th, New York.
Warren G. Black Oil Co., Century Bldg, Cleveland, O.
Warren Gear Products Co., transmissions, Dept. H, Warren, Pa.
Warren & Gerrish, Inc., architects, 518 New York Blk., Seattle, Wash.
Warren Handle Wks., Cortland, Ohio.
Warren Hardware Co., Warren, Ohio.
Warren, Harry E., architect, 37 Liberty, New York.
Warren-Harshman Canning Co., Saratoga, Ind.
Warren Iron & Steel Co., Warren, Ohio.
Warren, J. C., contractor, Sedalia, Mo.
Warren, J. D., Mfg. Co., h'dwe store fixtures, glass sectional shelving, etc., Masonic Temple, Chicago, Ill.
Warren, J. F., & W. H. Co., mill & facty. supplies, Worcester, Mass.
Warren, J. M., & Co., mill & facty supplies, who. hrwe., Troy, N. Y.
Warren, Jas. D., htg. contrs., Albany, N. Y.
Warren, Jas. W., Bldg Co., Elizabeth, N. J.
Warren, John B., architect, Essex Bldg., Newark, N. J.
Warren-Knight Co., engng. instruments, 136 N. 12th, Phila., Pa.
Warren-Lamb Lbr. Co., Rapid City, S. D.
Warren Leather Goods Co., advtg. nov. & spec., Worcester, Mass.
Warren Lubricant Co., 27 Coenties slip, New York, & 22 Maurice, Buffalo, N. Y.
Warren Machine & Iron Works Co., Warren, Minn.
Warren Mach. Products Co., auto axles, air compressors & gun lathes, Warren, Pa.
Warren Mfg. Co., cotton sheetings, Warren, R. I.
Warren Mfg. Co., hammocks, belting, press cloths, etc., Warren, Md.
Warren Mfg. Co., paper & pulp mills, 217 Morgan av, Brooklyn, N. Y., & 233 B'way, New York.
Warren Metal Co. See Sharon Iron & Metal Co. (successors)
Warren Milling Co., flour, Nashville, N. C.
Warren Mirror Wks., Warren, Pa.
Warren, Moore & Co., contractors, H, Colonial Trust Co. Bldg, Phila., Pa.
Warren Motor Truck Co., Warren, O.
Warren Packing Co., canned goods, Portland, Ore.
Warren Paint & Color Co., Nashville, Tenn.
Warren Paint Co., Warren, Ohio.
Warren Parchment Co., paper, Dexter, N. Y.
Warren Piano Co., Warren, Pa.
Warren Plbg. Supply Co., 261 Warren, Jersey City, N. J.
Warren Refining & Chemical Co., metal polish, etc., 9420 Meech av, Cleveland, Ohio
Warren Refining Co., petroleum products, Warren, Pa.
Warren, S. D., Co., Inc., paper & pulp mills, 200 Devonshire, Boston, Mass.
Warren Soap Mfg. Co., mill soap mfrs., 77 Summer, Boston, Mass.
Warren & Southwick Carriage Co., 337 Cleveland av, Columbus, Ohio.
Warren Specialty Co., soap, Warren, Pa.
Warren Specialty Mfg. Co., pullers, West Farmington, Ohio.
Warren Stamping Co., lanterns, Warren, O.
Warren Stave Co., Warren, Ark.
Warren Steam Pump Co., Warren, Mass.
Warren Steel Casting Co., 3400 Maury, St. Louis, Mo.
Warren Tool & Forge Co., railroad & contractors' tools, Warren, Ohio. *See adv index at end of book*
Warren Veneer & Panel Co., Warren, Pa.
Warren, Wm. A., architect, 64 E. Van Buren, Chicago, Ill.
Warren, W. T., architect, Empire Bldg., Birmingham, Ala.
Warren, W. Thread Wks., Westfield, Mass.
Warren Walter G. & Co., decorative elec. lighting, 1401 W. Jackson Bl., Chicago, Ill.
Warriner Mfg. Co., water filtering, purifying & softening app., Fort Wayne, Ind.
Warshawsky & Co., plbrs. supplies, 1915 S. State, Chicago, Ill.
Warren & Wetmore, architects, 16 E. 47th, New York.
Warrensburg Canning Co., Warrensburg, Ill.
Warrenton Clam Co., canned goods, Warrenton, Ore.
Warrenton Flour Mills, Warrenton, Va.
Warriner, R. B., handles, Jetersville, Va.
Warrior Fertilizer Co., Northport, Ala.
Warsaw Button Co., Warsaw, N. Y.
Warsaw Elevator Co., passenger & freight elevators, Warsaw, N. Y. *See adv. index at end of book.*
Warsaw-Wilkinson Co., agricultural implements, Warsaw, N. Y.
Warshauer Alex., mattresses, 124 Ralph av, Brooklyn, N. Y.
Warshavsky, A. W., metallic shades & reflectors, 187 B'way, Brooklyn, N. Y.
Warth, John F., brooms, 514 W. 46th, New York
Warwick China Co., Wheeling, W. Va.
Warwick & Collins, contractors, 108 S. 8th, Brooklyn, N. Y.
Warwick Co., flour, Massillon, O.
Warwick Const. Co., coke oven const., 1048 W. Harrison, Chicago, Ill.
Warwick Mach. Co., Newport News, Va.
Warwick, W. R., cornices, Long Branch, N. J.
Warwood Tool Co., picks, mattocks, etc., 19th, Warwood, Wheeling, W. Va.
Wasburn Bros. Co., brick, Glasco, N. Y.
Wasco Warehouse Milling Co., masons' & bldrs.' matls., The Dalles, Ore.
Waseca Milling Co., cereal foods, Waseca, Minn.
Wasem Plaster Co., Fort Dodge, Iowa.
Wash-Easy Co., washing machines, 2427 W. 14th, Chicago, Ill.
Washburn Bros. Co., masons' & bldrs.' matls., ft. of Jersey av, Jersey City, N. J.
Washburn Canning Co., Washburn, Mo.
Washburn-Crosby Co., feed, 2d fl., Chm. Com., Minneapolis, Minn.
Washburn, Ed. F., architect, 101 Park av, New York
Washburn & Fowler, brick, Grassy Point & Haverstraw, N. Y.
Washburn, Fred P., architect, 1012 Chicago av, Oak Park, Ill.
Washburn, G. W., & Son, brick yard, Catskill, N. Y.
Washburn & Garfield Mfg. Co., steam fitters' supplies, Worcester, Mass.
Washburn, Geo. H., architect, Burlington, Iowa.
Washburn, Geo. P., & Son, architects, Ottawa, Kan.
Washburn & Granger, grate bar mfrs., 50 Church, New York.
Washburn, Ira D., Co., glass, paint, 906 Central av, Cincinnati, Ohio.
Washburn, Lettic R., & Co., patterns & models, New Bedford, Mass.
Washburn Lbr. Co., Longstreet, La.
Washburn, N. S., Lumber Co., Sturgeon Bay, Wis.
Washburn, O. S., & Son, dry docks, Charlevoix, Mich.
Washburn Shops, castings, drilling mchs., etc., Worcester, Mass.
Washburn, Thos. F., Co., varnish mfrs., 2213 Lister av, Chicago, Ill.
Washburn, U. F., & Co., brick, Grassy Point & Haverstraw, N. Y.
Washburn, U. F., & J. T., brick, East Kingston, N. Y.
Washburn, Williams & Co., lbr. mfrs., Scranton, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Washburne, Edw. G., & Co., lightning rods, 207 Fulton, New York.
Washed Sand & Gravel Co., Superior blvd. & City Limits, Minneapolis, Minn.
Washington Auto Supply Co., spark plugs, Washington, Ill.
Washington Brick Lime & Sewer Pipe Co., Spokane, Wash.
Washington Brick & Terra Cotta Co., 911 H. N. W., Washington, D. C.
Washington Broom & Woodenware Co., corn, Seattle, Wash.
Washington Buggy Co., Washington, N. C.
Washington Bldg. Lime Co., Equitable Bldg., Baltimore, Md.
Washington Casket Co., coffins, etc., Seattle, Wash.
Washington Coal & Coke Co., bituminous, Dawson, Pa.
Washington Cob Pipe Works, Washington, Mo.
Washington Construction Co., 118 N. La Salle, Chicago, Ill.
Washington Cutlery Co., Watertown, Wis.
Washington Elevator Co., freight, Seattle, Wash.
Washington Excelsior & Mfg. Co., Edmonds, Wash.
Washington Guarantee Roofing Co., cornices, 718 Westchester av, New York.
Washington Handle Co., Dept. H, Tacoma, Wash.
Washington Hdwe. Co., Inc., whol., 257 Greenwich, New York
Washington Iron Works, Los Angeles & Sherman, Tex.

Washington Iron Works, machsts. & fndrs., Seattle, Wash.
Washington & Lee University, engng. school & coll., Lexington, Va.
Washington Lbr. & Box Co., Gertrude, Wash.
Washington Machinery Depot, 1924 Pacific av, Tacoma, Wash.
Washington Machy. & Supply Co., mill & facty. supplies, Spokane, Wash.
Washington Machy. & Supp. Co., log loaders, Spokane, Wash.
Washington Mattress Co., Seattle, Wash.
Washington Mfg. Co., handles, Washington, C. H., Ohio.
Washington Mfg. Co., porch columns, Tacoma, Wash.
Washington Mfg. Co., sashes, doors & blinds, Washington, Ga.
Washington Mills Co., cotton sheetings, Mayodan, N. C.
Washington Mills Emery Mfg. Co., North Grafton, Mass.
Washington Monumental & Cut Stone Co., Spokane, Wash.
Washington Motor Co., autos, Dept. H, Eaton, Ohio.
Washington Oil Co., cottonseed meal, Washington, La.
Washington Ornamental Iron Wks, Spokane, Wash.
Washington Packing Co., meat packers, Washington, Pa.
Washington Parlor Furn. Co., Dept. H, Tacoma, Wash.
Washington Pipe & Foundry Co., steam casings, Tacoma, Wash.
Washington Portland Cement Co., Seattle, Wash.
Washington Rubber Co., mill & factory supplies, 1000 F, N. W., Washington, D. C.
Washington Sheet Metal Works, cornices & skylights, Seattle, Wash.
Washington Slate Co., Slatington, Pa.
Washington Stove Works, Everett, Wash.
Washington Street Brass & Iron Foundry, Lebanon, Pa.
Washington Tin Plate Co., Washington, Pa.
Washington Tool Co., Owatonna, Minn.
Washington University, engng. schools & colls., Skinker & Lindell, St. Louis, Mo.
Washington Water Power Co., Spokane, Wash.
Washington Weeder Works, Walla Walla, Wash.
Washington Woodworking Co., 200 12th, N. W., Washington, D. C.
Washowitz, S., architect, 835 Hunts Point av, New York.
Wasmansdorff, Otto T., architect, Lewiston, Mont.
Wasmuth-Endicott Co., cabinets, kitchen, Andrews, Ind.
Wason Mfg. Co., machsts. & fndrs., Springfield, Mass.
Wasser-Mowat Shingle Co., lumber, Edmonds, Wash.
Wasserstrom, L. B., razor strops, 91 Gild, New York
Wasson Coal Co., Harrisburg, Ill.
Wasson Piston Ring Co., Plainfield, N. J.
Wasson Reel Co., Clinton, Ill.
Wasson Stanchion Co., Cuba, N. Y.
Wasson, T. J., masons' & bldrs.' matls., Peoria, Ill.
Wasson Trolley & Mfg. Co., Milwaukee, Wis.
Waste Trade Journal, trade publication, 150 Lafayette, New York.
Wasuc Mills Co., paper & pulp mill—binders' boards, South Glastonbury, Conn.
Watab Pulp & Paper Co., Sartell, Minn.
Watauga Flouring Mill, Elizabethton, Tenn.
Watauga Roller Mills, Sugar Grove, N. C.
Watchung Stone Co., Plainfield, N. J.
Watelsky & Co., scrap iron, rubber, 307 Baymiller, Cincinnati, Ohio.
Water Arch Furnace Co., 38 S. Dearborn, Chicago, Ill.
Water Gas Carburetor Co., 1504 Grand av, Kansas City, Mo.
Water Works Equipt. Co., water work spec., 50 Church, New York.
Waterall, Wm., & Co., enamels, paints & wood fillers, Camden, N. J.
Waterbury Battery Co., Waterbury, Conn.
Waterbury Brass Goods Corp., fndrs., Waterbury, Conn.
Waterbury Buckle Co., Waterbury, Conn.
Waterbury Button Corporation, buttons, metal, ivory & composition brass goods & moulded composition mfrs., 831 So. Main, Waterbury, Conn. *See adv. index at end of book*
Waterbury Castings Co., Waterbury, Conn.
Waterbury, Chas. D., architect, 64 E. Van Buren, Chicago, Ill.
Waterbury Clock Co., Waterbury, Conn.
Waterbury Co., fibre & wire rope, tarred yarn, etc., 63 Park Row, New York.
Waterbury, Edwin H., architect, Torrington, Conn.
Waterbury Etching Co., etched metal signs, Waterbury, Conn.
Waterbury Farrel Fndry. & Mach. Co., Waterbury, Conn.
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waterbury Fndry. Co., Waterbury, Conn.
Waterbury, H., & Sons Co., horse blankets, felts, etc., Oriskany, N. Y.
Waterbury Lbr. Co., 107 Meadow, Waterbury, Conn.
Waterbury Mach. Co. See Waterbury Farrel Fdry. & Mach. Co. (successors)
Waterbury Mfg. Co., makers of brass goods from rod, wire, sheet, castings, brazed brass & copper tubing, small sizes of seamless brass & copper, tubing tools for making over 35,000 different brass articles, Waterbury, Conn.
Waterbury Mattress Co., Waterbury, Conn.
Waterbury Rolling Mills, Waterbury, Conn.
Waterbury Sand & Gravel Co., Waterbury, Conn.
Waterbury Scrap Iron Co., Waterbury, Conn.
Waterbury Sheet Metal Wks., cornices, Waterbury, Conn.
Waterbury Steel Ball Co., steel bearing & burnishing balls & snap fasteners mfrs., 300 Aurora, Waterbury, Conn. *See adv. index at end of book*
Waterbury Tool Co., transmission & variable speed changing gear mfrs., Waterbury, Conn.
Waterbury-Wallace Co., elec. lamps, 100 Lafayette, New York.
Waterbury Welding Co., fndry., riddles, auto supplies, etc., Waterbury, Conn.
Waterford Canning Co., Waterford, Ky.
Waterhouse, Chas. B., architect, 257 Main av, Passaic, N. J.
Waterhouse, Charles R., Jr., dock bldr., 74 Park, New Haven, Conn.
Waterhouse, Frank, & Co., ship bldrs., Seattle, Wash.
Waterhouse, H., fndrs., Wheeling, W. Va.
Waterhouse & Lester, who. h'we., 540 Howard, San Francisco, Cal.
Waterhouse Welding Co., 15 Pelham, Boston, Mass.
Waterloo Bending Co., carriage shafts & poles, Waterloo, Ind.
Waterloo Brass Fdry., Waterloo, Ia.
Waterloo Broom Co., Waterloo, Ind.
Waterloo Canning Assn., Waterloo, Wis.
Waterloo Canning Co., Waterloo, Ia.
Waterloo & Cedar Falls Union Mill Co., flour, Cedar Falls, Ia.
Waterloo Cement Machy. Corp., Waterloo, Ia.
Waterloo Const. Co., reinfg. bar benders, Waterloo, Iowa.
Waterloo Engr. & Service Co., advtg. spec., Waterloo, Ia.
Waterloo Fdry. Co., Waterloo, Ia.
Waterloo Gasoline Engine Co., Waterloo, Ia.
Waterloo Hdw. Co., Waterloo, Ia.
Waterloo Lumber Co., Waterloo, Ia.
Waterloo Mfg. Co., mill & facty. & pumbers' supplies, Waterloo, Ia.
Waterloo Register Co., Waterloo, Ia.
Waterloo Saddlery Co., Waterloo, Ia.
Waterloo Steam Boiler Works, Waterloo, Ia.
Waterloo Varnish Mfg. Co., Waterloo, Ia.
Waterloo Wagon Co., Ltd., auto bodies & carriages, Waterloo, N. Y.
Waterloo Woolen Mfg. Co., woolen carriage cloth, Waterloo, N. Y.
Waterman, A. A., & Co., fountain pen mfrs., 170 B'way, New York.
Waterman, Francis E., architect, 36 Pearl, Hartford, Conn.
Waterman, Harlan P., contractor, Hartford, Conn.
Waterman, Harry H., architect, 10 S. La Salle, Chicago, Ill.
Waterman, Hy., & Bro., gas, oil stoves & heaters, 195 Lewis, New York.
Waterman & Judge, floor mosaics, 39 Court, Boston, Mass.
Waterman, L. E., Co., fountain pen mfrs., 191 B'way, New York.
Waterman Lbr. & Supply Co., Waterman, Texas.
Waterman Motor Co., elect. lighting systems, marine reverse gears, etc., 235 Mt. Elliott av, Detroit, Mich.
Waterman, R. C., & Co., nails, tacks, S. Hanover, Mass.
Waterman Smith A., l'br., Watervliet, N. Y.
Waterman, Store, who. h'dwe., Albion, N. Y.
Waterman Supply Co., mill & factory supplies, Fall River, Mass.
Waterman-Waterbury Co., boilers & furnaces, 1121 Jackson N. E., Minneapolis, Minn.
Waterous Engine Wks. Co., 62 S. Robert, St. Paul, Minn.
Waterproof Paint Co., Watertown, Mass.
Waterproof Paper & Board Co., 427 E. 6th, Cincinnati, O.
Waterproofing Co., 345 E. 33d, New York.
Waters, A. S., brass castings, Salem, Mass.
Waters & Brown, masons' & bldrs.' matls., Salem, Mass.
Waters, Clark Lbr. Co., Duluth, Minn.
Waters, D. F., dyeing machy., 55 Wister, Phila., Pa.
Waters-Garland Co., belt fasteners, steam fitters' supplies, etc., 419 W. Main, Louisville, Ky.
Waters, Geo. E., & Co., Lbr. Mfrs., 922 Park av, Baltimore, Md.
Waters, Geo. W., Co., masons' & bldrs.' matls., Laurel, Md.
Waters Governor Co., 141 Milk, Boston, Mass.
Waters, H. C., & Co., mill & facty. supplies & masons' & bldrs.' matls., Paw Paw, Mich.
Waters, Horace, & Co., pianos, 134 5th av, New York.
Waters, John, Bldg. Co., 23 E. Center, Baltimore, Md.
Waters, L. C., architect, Knoxville, Tenn.
Waters & Osborn Co., sash, door & blind, Red Bank, N. J.
Waters, Thos. J., Co., contractors, 271 W. 125th, New York.
Waters, Wm., architect, Oshkosh, Wis.
Waterson, J. C., machsts., Elkhart, Ind.
Watertite Drain & Scupper Co., 137 E. 46th, New York.
Watertown Auto. & Supply Co., auto springs, Watertown, N. Y.
Watertown Brick Co., Watertown, S. D.
Watertown Canning Co., Watertown, Wis.
Watertown Lumber Co., Watertown, Mass.
Watertown Machine Co., Watertown, Wis.
Watertown Mfg. Co., insulators, Watertown, Conn.
Watertown Mattress Mfg. Co., Watertown, N. Y.
Watertown Milling Co., flour, Watertown, Tenn.
Watertown Specialty Co., machsts., Watertown, N. Y.
Watertown Table Slide Co., Watertown, Wis.
Waterville Fdry. & Mfg. Co., Waterville, N. Y.
Waterville Granite & Marble Co., Waterville, Me.
Waterville Iron Works, mchsts. & fndrs., Waterville, Me.
Waterville Mach. Wks., machsts, Waterville, Conn.
Watervliet Arsenal, light & heavy ordnance, Watervliet, N. Y.
Watervliet Paper Co., Watervliet, Mich.
Watervliet Tool Co., Inc., bridges reamers, end mills & milling cutters, Albany, N. Y.
Wathen Milling Co., Louisville, Ky.
Wathen, R. E., & Co., alcohol & fusel oils, Louisville, Ky.
Watkin, M., machsts., 35 Pike, New York.
Watkin, Wm., architect, Ward Scanlan bldg., Houston, Tex.
Watkins, B. F., & Co., fertilizer, Jackson, Ga.
Watkins, Chas. H., heating contractors, Newton, N. J.
Watkins, Chas. & Son, contractors, Plymouth, Pa.
Watkins, Cottrell Co., wholesale hardware, 14th & Dock, Richmond, Va.
Watkins, E. A., & Bros., lumber mfrs., Norfolk, Va.
Watkins Engineering Supply Co., mill & facty. supplies, 137 High, Boston, Mass.
Watkins, Ernest R., architect, Anderson, Ind.
Watkins, J. B., & Co., masons' & bldrs.' matls., South Omaha, Neb.
Watkins, Jas. E., contractor, Amesbury, Mass.
Watkins, Jas. Y., & Son, coppersmiths, oven bldrs., 20 Catherine, New York.
Watkins, Jno. B., sashes, doors & blinds, Henderson, N. C.
Watkins Lumber Co., Mena, Ark.
Watkins Machine Works, Berwick, La.
Watkins Motor Co., machsts., 828 W. 6th, Cincinnati, Ohio.
Watkins Packing Co., Odessa, Del.
Watkins, Robert G., contrs., Amesbury, Mass.
Watkins, S. E., & Sons, architects, Sherwood, Ore.
Watkins, Thos., pipe jointers, Johnstown, Pa.
Watling Mfg. Co., machsts., 1029 W. Adams, Chicago, Ill.
Watrous, Acme Mfg. Co., hardware, Des Moines, Ia.
Watrous Co., faucets, lavatories, pipes, valves, etc., 524 S. Racine, Chicago, Ill.
Watrous, F., brick, Chelsea, N. Y.
Watrous Mfg. Co., table silverware, Wallingford, Conn.
Watrous Mfg. Co., toy metal bldg. materials, East Hampton, Conn.
Watrous Varnish Co., 20th & Tasker, Phila., Pa.
Watson, A. O., architect, E. 6th & Brazos, Austin, Tex.
Watson, A. R., brick, Mount Orab, O.
Watson, A. W., Brick Co., Greensboro, N. C.
Watson, A. W., & W. M. Co., lbr., sash, door & blind mfrs., Newton, Pa.
Watson, Andw., scrap iron & steel, 44 Withers, B'klyn, N. Y.
Watson Bros., contractors, Gloucester, Mass.
Watson Bros., mica, 170 Purchase, Boston, Mass.
Watson Bros. Co., canned goods, Greenwich, N. J.

Watson Bros. & Co., flour mills, Cameron, W. Va.
Watson Bros. Mach. Co., cordage machy., Bound Brook, N. J.
Watson Bros. Iron Wks., Albany, Ore.
Watson Bros. Steel Co., plates & sheets, Youngstown, Ohio.
Watson, C. David L., heat, hot water generators, Terre Haute, Ind.
Watson Cement & Coal Co., masons' & bldrs.' matls., Lima, O.
Watson Co., contractors, Dallas, Tex.
Watson Co., silver novelties, Attleboro, Mass.
Watson Constr. Co., 123 William, New York.
Watson, Daniel, contractor, 49 Belden pl., San Francisco, Cal.
Watson, D. W., Son & Co., mill & facty. supplies, Terre Haute, Ind.
Watson Engineering Co., Hippodrome Bldg., Cleveland, Ohio.
Watson, Fitzgerald, Co., common brick, Danville, Va.
Watson, Frank C., architect, Wallingford, Pa.
Watson, Frank R., architect, 1211 Walnut, Phila., Pa.
Watson, Frye Co., Ltd., marine hdwe., castings, paper mill & shipbldrs. machy., etc., Bath, Me.
Watson, Gavin F., stone producers, E. 72d & Blackstone av, Chicago, Ill.
Watson, Geo., contractor, New Rochelle, N. Y.
Watson, Geo., contr., Chatsworth, Ill.
Watson, Geo. E., Co., paint & varnish mfrs., 62 W. Lake, Chicago, Ill.
Watson Hdwe Co., Ashland, Ky.
Watson, H. F., Co., asbestos matls., Erie, Pa.
Watson-Higgins Milling Co., flour, Grand Rapids, Mich.
Watson, J. D., & Co., paints, New Brunswick, N. J.
Watson, Jas. A., architect, 34 Warburton av, Yonkers, N. Y.
Watson, Jas. H., & Co., contrs., Kokomo, Ind.
Watson, Jas. H., Co., metallic window frame & sash, Bradley, Ill.
Watson, Jno., contractor, 4004 N. Capital av, Indianapolis, Ind.
Watson, John, starch mfr., Houlton, Me.
Watson, Jno. B., Co., ry. supp., Witherspoon Bldg., Phila., Pa.
Watson, John C., architect, 271 W. 125th, New York.
Watson, John C., steam fittrs. supps., Terre Haute, Ind.
Watson, John & Co., mill & facty. supplies, who. h'dwe., Houlton, Me.
Watson, John, & Sons Co., mchsts. & fndrs., Trenton, N. J.
Watson, L. F., architect, 215 W. 7th, Los Angeles, Cal.
Watson, L. S., Mfg. Co., mill & facty. supplies, Leicester, Mass.
Watson Lands Lbr. Co., Nebraska, Pa.
Watson & McDaniel Co., steam specialties, 146 N. 7th, Phila., Pa.
Watson Mach. Co., Paterson, N. J.
Watson Mfg. Co., incubators, Lancaster, Pa.
Watson Mfg. Co., machsts., Toledo, Ohio.
Watson Mfg. Co., metal furniture, screens, etc., Jamestown, N. Y.
Watson, N. A., machsts., Erie, Pa.
Watson-Penfield Corp., plumbers' supplies, jobbers, New Bedford, Mass.
Watson, Robert B., architect, 225 S. Central Park av, Chicago, Ill.
Watson & Robinson, see John Robinson & Co. (successors).
Watson-Stillman Co., hydraulic machinery, jacks & presses, 38 Church, New York. *See adv index at end of book.*
Watson, T. F., & Bro., masons' & bldrs.' matls., Coraopolis, Pa.
Watson, Thos. S., Co., voltage regulators, 537 Hartford av, Milwaukee, Wis.
Watson, V. S., architect, 189 W. Madison, Chicago, Ill.
Watson, W. A., mill & facty. supplies, Greensburg, Ind.
Watson Wagon Co., Canastota, N. Y.
Watson, Wm., Mach. Co., Trenton, N. J.
Watson's Forge & Mach. Wks., 553 W. 35th, New York.
Watsontown Brick Co., Watsontown, Pa.
Watsontown Door & Sash Co., Watsontown, Pa.
Watt Bros., stone producers, Lafayette, O.
Watt, F. N., Co., coffins, etc., Richmond, Ind.
Watt, Francis, & Co., mill & facty. supplies, 149 S. Front, Phila, Pa.
Watt Hardware Co., Waycross, Ga.
Watt & Holmes Hardware Co., Cordele, Ga.
Watt, James, architect, 1159 Mallory av, Portland, Ore.
Watt, James & Bros., tires, poles & posts, Thomasville, Ga.
Watt Mining Car Wheel Co., Barnesville, O.
Watt & Mitchell, common brick, Princeton, Ind.
Watt Plow Co., Richmond, Va.
Watt, Robt. Mfg. Co., gas radiators, 1701 N. 20th, Phila., Pa.
Watt & Sinclair, contractors, 348 W. 27th, New York.
Watters, Chas. H., contractor, Akron, O.
Watters & Martin, hardware, who., Norfolk, Va.
Watterson, H. A., & Son, contrs., Citizens' Bldg, Cleveland, O.
Watterson, Henry, contractor, 4500 Euclid av, Cleveland, O.
Watterson, Wm. R., architect, Guardian Bldg., Cleveland, O.
Watterworth & Fee, bldg. contrs., Duluth, Minn.
Wattis, L. R., Co., contrs., Newhouse Bldg., Salt Lake City, Utah.
Wattles, Richard H., fertilizer mfrs., Alexandria, Va.
Wattrous, Ray, contractor, 249 Edison, Salt Lake City, Utah.
Watts, Albert S., architect, Pikesville, Md.
Watts Bros., lumber, Campbellstown, O.
Watts, Campbell Co., mchsts. & fndrs., 298 Ogden, Newark, N. J.
Watts & Craig, architects, Guardian bldg, Cleveland, Ohio.
Watts, G., cornices, Honesdale, Pa.
Watts, H. D., Co., contractors, Riggs Bldg., Washington, D. C.
Watts, J. H., sash, door & blind mfrs., Harriman, Tenn.
Watts, J. Murray, naval architects, Bulletin Bldg., Phila. Pa.
Watt's, John M., Sons, boiler oil feeders, packing mfrs. belt dressing, etc., 54 N. 2d, Phila., Pa.
Watts Laundry Machine Co., Willimantic, Conn.
Watts Mfg. Co., agricultural implements, Jackson, Mich.
Watts Mills, cotton sheetings, Laurens, S. C.
Watts Regulator Co., steam specialties, mfrs., 250 Lowell, Lawrence, Mass.
Watts & Stern, machsts., 1303 Buttonwood, Phila., Pa.
Wattson & Spicer, contractors, 405 S. Hill, Los Angeles, Cal.
Waud Mfg. Co., elec. portables, 1193 B'way, New York.
Waugh Draft Gear Co., Peoples' Gas Bldg., Chicago, Ill.
Waukesha Fdry. Co., Waukesha, Wis.
Waukesha Lime & Stone Co., Waukesha, Wis.
Waukesha Malleable Iron Co., castings, Waukesha, Wis.
Waukesha Mfg. Co., packing box, Waukesha, Wis.
Waukesha Motor Co., machsts. & fndrs., Waukesha, Wis.
Waupaca Felting Mill, Waupaca, Wis.
Waupaca Sand & Gravel Co., Waupaca, Wis.
Waupaca Starch Co., Waupaca, Wis.
Waupun Canning Co., Waupun, Wis.
Wausau Abrasives Co., sand paper, Wausau, Wis.
Wausau Box & Lumber Co., Wausau, Wis.
Wausau Canning Co., Wausau, Wis.
Wausau Fix. & Furn. Co., draughting tables, Wausau, Wis.
Wausau Foundry & Machine Co., Wausau, Wis.
Wausau Iron Works, machsts. & fndrs., Wausau, Wis.
Wausau Lbr. Co., Wausau, Wis.
Wausau Novelty Co., turned wood nov., Wausau, Wis.
Wausau Paper Mills Co., Brokaw, Wis.
Wausau Quartz Co., Wausau, Wis.
Wausau Southern Lumber Co., Wausau, Wis.
Wausau Sulphate Fibre Co., Mosinee, Wis.
Wauseon Lumber & Supply Co., Wauseon, Ohio.
Waushara Granite Co., 133 W. Washington, Chicago, Ill.
Wauwatosa Stone Co., 204 Grand, Milwaukee, Wis.
Waverly Brick & Tile Co., Waverly, Ill.
Waverly Co., storage battery trucks, 139 S. East, Indianapolis, Ind.
Waverly Htg. & Supply Co., furnace pipe, 52 Union, Boston, Mass.
Waverly Mfg. Co., machsts. & fndrs., Jefferson, Wis.
Waverly Novelty Co., electric clocks, 806 Bessemer Bldg., Pittsburgh, Pa.
WAVERLY OIL WORKS CO., oil refiners, 54th, Pittsburgh, Pa.
Waverly Paper Box Board Co., Weston av, Newark, N. J.
Wax Brush Co., yarn brushes, mops & dusters, mfrs., 56 Sanford, Boston, Mass.
Waxahachie Cotton Mills, Waxahachie, Tex.
Waxene Size Co., Fall River, Mass.
Waxham Light Co., lamps & lanterns, 330 W. 46th, New York.
Waxwell Motor Co., auto bldrs., Detroit, Mich.
Way-Cleanse Co., auto bldrs, Sandusky, O.
Way, C. W., Co., architects, Hastings, Neb.
Way, O. F., Co., size blocks, Burnside, Conn.
Way, S. Harry, htg. contr., 12 Clay, Baltimore, Md.
Wayland Canning Co., Wayland, N. Y.
Wayland & Fennell, architects, Boise, Idaho.
Wayland, H. C., architect, 252 W. 46th, New York.
Waymart Knitting Mill, sweaters, Waymart, Pa.
Waymoth, A. D., & Co., machsts., Fitchburg, Mass.
Wayne Agricultural Wks., Goldsboro, N. C.
Wayne Belting & Supply Co., mill & facty. supplies, Fort Wayne, Ind.
Wayne Brass Foundry Co., 4635 Butter, Pittsburgh, Pa.
Wayne Canning Co., Wayne, Mich.
Wayne County Canning Co., Ltd., Marion, N. Y.
Wayne Cut Glass Co., Towanda, Pa.
Wayne Foundry Co., 1711H Gay, Fort Wayne, Ind.
Wayne Junction Metal Cornice Co., 4545 Wayne, Gtn., Phila., Pa.
Wayne Lbr. Co., 110 W. 40th, New York.
Wayne Machy. Co., rebuilt, Fort Wayne, Ind.
Wayne Mfg. Co., ash sieves, 2009 N. Croskey, Phila., Pa.
Wayne Mfg. Co., clothes washing machs., 124 Sidney, St. Louis, Mo.
Wayne Mfg. Co., flexible steel mats, 247 N. J. R. R. av, Newark, N. J.
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Wayne Paper Goods Co., paper specialties, Ft. Wayne, Ind.
Wayne Scrap Iron & Metal Co., 522H S. Campbell av, Detroit, Mich.
Wayne Soap Co., Copeland & M. C. R. R., Detroit, Mich.
Wayne Specialty Co., stylographic pens, Ft. Wayne, Ind.
Wayne Spoke & Bending Co., Ft. Wayne, Ind.
Wayne Technical Institute, engng school. & coll., Greenville, O.
Wayne Tool Mfg. Co., Waynesboro, Pa.
Wayne Works, agricultural implements & auto bldrs., Richmond, Ind.
Waynesboro Brick & Supply Co., Waynesboro, Pa.
Waynesboro Foundry & Machine Co., fndry., Waynesboro, Pa.
Waynesboro Milling Co., flour, Waynesboro, Va.
Waynesburg Brick & Stone Co., Waynesburg, Pa.
Waynesburg Carriage Co., Waynesburg, Ohio.
Waynesburg Pressed Steel Co., shovel, spade mfrs., Waynesburg, Pa.
Waynesfield Drain Tile Co., Waynesfield, Ohio.
Waynesville Canning Co., Waynesville, Ohio.
Wayte, W. J., Inc., cream separators, hydro-extractors, etc., 1 Liberty, New York.
W. D. Specialty Co., plbrs.' supp., Dallas, Tex.
Weaber, Adam, & Son, brass fndrs., Vineland, N. J.
Wead, Frederick W., architect, 119 Water, Boston, Mass.
Weakley, R. D., architect, Crutcher & Starks Bldg, Louisville, Ky.
Weakley, Raymond D., architects, Cent. Nat. Bank Bldg., St. Louis, Mo.
Weakley-Watson-Miller Hardware Co., Brownwood, Tex.
Weaks Supply Co., machsts. & fndrs.—mill & facty supplies, Monroe, La.
Wear, Frank M., htg. contr., 206 E. 29th, New York.
Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
Wearcrete Engineering Co., concrete hardener & mastic floors, Peoples' Gas Bldg., Chicago, Ill.
Weare, Samuel W., machsts. & fndrs., Salisbury, Mass.
Wearn, J. H., & Co., masons' & bldrs.' matls., Charlotte, N. C.
Wearne Bros., machsts. & fndrs., Omaha, Neb.
Weart & Lysaght Co., masons' & bldrs.' matls., Cherokee, Ia.
Weary & Alford Co., bank fixtures, 1732 Michigan av, Chicago, Ill.
Weary & Beck, mosaics, 1732 S. Michigan av, Chicago, Ill.
Weathered Co., horticultural arches, Orient & West End avs, Jersey City, N. J.
Weatherford Milling Co., flour, Weatherford, Okla.
Weatherhead, Thompson & Co., textile machy., Pawtucket, R. I.
Weatherhogg, Chas. R., architect, Hamilton Nat'l Bk. Bldg., Fort Wayne, Ind.
Weatherholt, Marion, ties, Cloverport, Ky.
Weatherly Co., bk. railings, cornices, htg. contrs., etc., Grand Rapids, Mich.
Weatherly Fdry. & Mach. Co., Weatherly, Pa.
Weatherproof Calking Co., calking putty & paste, Minneapolis, Minn.
Weather-Proof Watering Trough & Tank Mfg. Co., Canton, Mo.
Weatherproofing Nail Co., nail mfrs., Baltimore, Md.
Weathers, E. G., architect, 1931 La Salle av, Los Angeles, Cal.
Weathers, L. M., architects, 84 Peachtree, Atlanta, Ga.

Weathers, P. H., architect, 605½ N. California av, Oklahoma, Okla.
Weathers Poke Co., Windsor, Mo.
Weatherwax, Harry, architect, Yakima, Wash.
Weaver, A. E., architect, Penobscot Bldg., Detroit, Mich.
Weaver Bros., lumber mfrs., Shreveport, La.
Weaver Bros., masons' & bldrs.' matls., Galion, Ohio.
Weaver Bros., Co., masons' & bldrs.' matls., Crestline, Ohio.
Weaver Building & Supply Co., contrs., Hudson, N. Y.
Weaver, C. B., Constr. Co., 405 S. Hill, Los Angeles, Cal.
Weaver, C. C., contractor, Sharon, Pa.
Weaver, C. J., architect, Sharon, Pa.
Weaver, Calvin, contractor, Mechanicsburg, Pa.
Weaver & Co., machsts. & fndrs., New Oxford, Pa.
Weaver Contr. Co., Allentown, Pa.
Weaver, E. B., architect, 500 26th, San Diego, Cal.
Weaver, Ed. L., contr., Downs, Ill.
Weaver, Frank M., structural steel, Dept. H, Lansdale, Pa.
Weaver Hdwe. Co., 31 Main, E. Rochester, N. Y.
Weaver, Ira B., flour mills, Gloucester, Va.
Weaver, Jos. & Son, ship bldrs., Orange, Tex.
Weaver-Loughridge Lumber Co., Boyd, Fla.
Weaver Mailing Envelope & Box Co., 717 Arch, Phila, Pa.
Weaver Mfg. Co., machst., Springfield, Ill.
Weaver, Morve L., architect, Visalia, Cal.
Weaver Piano Co., York, Pa.
Weaver Pottery Co., Catlettsburg, Ky.
Weaver, R. S., lbr., Victoria, Va.
Weaver, Rudolph, architect, Pullman, Wash.
Weaver Specialty Co., soldering flux, 6344 Aurelia, Pittsburgh, Pa.
Weaver & Stewart, architects & contractors, 222 Market, Harrisburg, Pa.
Weaver, Thomas L. S., architect, Newport, R. I.
Weaver's, Geo. F., Sons Co., brick, Utica, N. Y.
Webb, A. L., & Sons, alcohol, oils, Maryland Trust bldg, Baltimore, Md.
Webb-Baxter Co., machine knives, Anderson, Ind.
Webb Bros. Belting Co., 1304 Union av, Kansas City, Mo.
Webb Bros. Co., masons' & bldrs.' matls., Sioux City, Ia.
Webb, C. E., machst. & fndr., Fulton, Ky.
Webb, Chas. J., & Co., wool & cotton waste, 116 Chestnut, Phila., Pa.
Webb City & Carterville Fdry. & Mach. Wks., Webb City, Mo.
Webb, David R., Co., veneer mfrs., Edinburg, Ind.
Webb Electric Furnace Corp., 42 Church, New York. *See adv index at the end of book*
Webb, Elisha & Son Co., mill & facty. supplies & steam fitters' supplies, 136 S. Front, Phila., Pa.
Webb, F. P., & F. J., granite, Swanville, Me.
Webb, F. W. Mfg. Co., plumbers' supplies—jobbers, 56 Elm, Boston, Mass.
Webb Folding Box Co., Bogota, N. J.
Webb, Geo. A. & Son, contrs., 118 W. Madison, Chicago, Ill.
Webb Granite & Const. Co., crushed stone, Marlborough, N. H.
Webb, Gregory B., architect, 104 W. 42d, New York.
Webb, H. F., Co., canned goods, Portland, Me.
Webb Hinge Belt Hook Co., Boonton, N. J.
Webb, J. Beavor, naval architect, 27 Cedar, New York.
Webb, J. W., carriages, Plymouth, Ohio.
Webb, Jas. A., & Son, alcohol, 50 Stone, New York.
Webb-Jensen-Davis Co., printing inks, 597 Sackett, Brooklyn, N. Y.
Webb-Kunze Constr. Co., 5927 Fyler av, St. Louis, Mo.
Webb Mfg. Co., curtain poles, Brookville, Pa.
Webb Mfg. Co., wire belts, polishing apparatus, shafts, etc., 62 Center, Newark, N. J. *See adv index at end of book.*
Webb, Oliver, architect, 544 49th, Milwaukee, Wis.
Webb, Oliver W., architect, 544 49th, Milwaukee, Wis.
Webb Press Co., Ltd., machsts., Minden, La.
Webb, T. A. W., & Son, woolen blankets, Allensville, Pa.
Webb, W. H., canned goods, Bloomingdale, Ind.
Webb, Wm., lumber, Mud Lick, Ky.
Webb Wire Wks., New Brunswick, N. J.
Webber Co., contractors, 1609 W. 25th, Cleveland, Ohio.
Webber, Fred., architect, 606 Argonne bldg, Tacoma, Wash.
Webber, G. F., bathing suits & sweaters, 1404H Gratiot, Detroit, Mich.
Webber Iron Works, Birmingham, Ala.
Webber, J. A., machst., 368 E. Washington, Portland, Ore.
Webber Lbr. & Supply Co., Fitchburg, Mass.
Webber, Peter J., architect, 343 S. Dearborn, Chicago, Ill.
Webber, P. H., Co., shock absorbers, Hooperston, Ill.
Webber, Richard, meat packer, 2191 3d av, New York.
Webber, Walter, architect, Hibernian Bldg, Los Angeles, Cal.
Webendorfer, H., silk fringes, tassels, 338 E. 103d, New York.
Weber, A., & Co., canned goods, 1941 O'Fallon, St. Louis, Mo.
Weber, A., Co., wholesale hardware, Keokuk, Ia.
Weber, A. S., contractor, Erie, Pa.
Weber, Alfred P., architect, 155 N. Clark, Chicago, Ill.
Weber-Bahnemann Co., plate glass, Racine, Wis.
Weber Battery Co., 3306 W. Jackson blvd, Chicago, Ill.
Weber Brass Co., shade holders, Whitney Power blk., Cleveland, Ohio.
Weber Bros. Metal Wks., machsts., 108 N. Jefferson, Chicago, Ill.
Weber, C. C., & E. A., architects, Nt'l Bk. Bldg., Cincinnati, Ohio.
Weber, C. F., & Co., school furniture, etc., 985H Market, San Francisco, Cal.
Weber, C. H., linoleum mfr., 45 E. 17th, New York.
Weber, C. S., & Co., plate glass, 8 Desbrosses, New York.
Weber Carriage Co., Southwest Bldg., Kansas City, Mo.
Weber, Chas., Estate, wood handles, molds, etc., 2120 E. York, Phila., Pa.
Weber Chimney Co., concrete chimneys, 1454 McCormick Bldg., Chicago, Ill.
Weber, Costello Co., school supplies, Dept. H, 12th & McKinley, Chicago Heights, Ill.
Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.
Weber Dental Mfg. Co., fountain cuspidors, Canton, Ill.
Weber Elec. Co., switch bases, Schenectady, N. Y.
Weber, F., & Co., engineers & draftsmen supplies, 1125 Chestnut, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md.
Weber, Fred. & A. Co., sash, door & blind mfrs., 4012 Cherry Cum'ville, Cincinnati, Ohio.
Weber, Henry C., contractor, Bay City, Mich.
Weber, Henry C., Co., whol. hdwe., 230 Woodward av., Detroit, Mich.
Weber, J. F., & Co., lumber, 304 Gratiot av, Detroit, Mich.
Weber, J. J., flour mills, Ashville, Pa.
Weber, John R., architect, Ft. Thomas, Ky.
Weber, Jos., architect, 411 Spring, West Hoboken & Guttenberg, N. J.
Weber, Kirch Mfg. Co., cream separators, Keokuk, Iowa.
Weber-Knapp Co., cabinet hardware mfrs., Jamestown, N. Y.
Weber-Knapp Co., shaving mirrors, Jamestown, Pa.
Weber, Lind Co., decorators & painters, 1011 Chester av, Cleveland, Ohio.
Weber & Litten, mfr's. agents (bldg), Mfrs. Bldg., Pitts'g, Pa.
Weber, Lothar C., chemist, 729 Boylston, Boston, Mass.
Weber, Louis, Bldg. Co., 147 E. 125th, New York.
Weber, M., Co., auto. wood bodies, Dayton, Ohio.
Weber Mfg. Co., agricultural implements, Rockton, Ill.
Weber Mfg. Co., floor scrapers, West Allis, Wis.
Weber, O. B., cornices & skylights, Mattoon, Ill.
Weber, Oliver M., Co., sash, door & blind, North Wales, Pa.
Weber Piano Co., 29 W. 42d, New York.
Weber Planing Mill Co., Strasburg, O.
Weber, Simon, & Son, scrap iron & steel, Louisville, Ky.
Weber & Sons, pianos, 1256 Wellington av, Chicago, Ill.
Weber & Sons, Button Co., Muscatine, Ia.
Weber Subterranean Pump Co., water supply systems, 50 E. 42d, New York.
Weber Supply & Specialty Co., baling presses, store fixtures, crates, etc., 2250 S. Union av, Chicago, Ill.
Weber's, Jacob V., Sons, archl. iron, 308 E. 26th, New York.
Weborg Bros., Spring Bed Co., Jamestown, N. Y.
Webster-Butterfield Co., canned goods, 2219 Boston, Balto., Md.
Webster, C., canned goods, East New Market, Md.
Webster Canning & Preserving Co., Webster, N. Y.
Webster, Chas., Woods, architect, Cutting Bldg., Joliet, Ill.
Webster Chemical Co., inc. lamp coloring, St. Paul, Minn.
Webster Co., silver novelties—sewing thimbles, etc., North Attleboro, Mass.
Webster County Canning Co., Marshfield, Mo.
Webster Electric Co., magnetos, Racine, Wis.
Webster, F. A., architect, 27 N. Main, Waterbury, Conn.
Webster, F. I., mill & facty. sup., Turners Falls, Mass.
Webster, F. S., Co., carbon papers, pencil sharpeners, etc., 340 Congregational, Boston, Mass.
Webster, Frank L., & Son, machinists, Cherokee, Kan.
Webster, Frederick L., canned goods, Adams, N. Y.
Webster, Geo. H., boot and shoe counters, Haverhill, Mass.
Webster, Geo., & Sons, lbr., Swanton, Vt.
Webster, H. P., & Sons, masons' & bldrs.' matls., Eaton Rapids, Mich.
Webster, James, architect, Dubuque, Iowa.
Webster & Keyser, brick, 30th & Tasker, Phila., Pa.
Webster Loom Harness Co., tex. machy. sup., Fall River, Mass.
Webster, Louis C., & Son, contractors, 19 Liberty, New York.
Webster Lbr. Co., Lumber Exchange, Minneapolis, Minn.
Webster Mfg. Co., chairs, Superior, Wis.
Webster Mfg. Co., conveying & machinery, 4500-60 Cortland, Chicago, Ill. *See adv. index at end of book.*
Webster Mill Co., flour, Webster, S. D.
Webster, N., canned goods, Cambridge, Md.
Webster & Perks Tool Co., machine tools, bolt & nut machinery, etc., Springfield, Ohio.
Webster Piano Co., Leominster, Mass.
Webster, R., canned goods, Hurlock, Md.
Webster Refining Co., petroleum, Jennings, La.
Webster, S. L., & Son, fertilizer mfrs., Cambridge, Md.
Webster Sand, Gravel & Const. Co., Lanesville, La.
Webster Stone Co., Irvington, Ky.
Webster, W., & Co., canned goods, Vienna, Md.
Webster, W. F., Cement Co., Cambridge, Mass.
Webster, Warren & Co., heating contractors, Camden, N. J.
Weck, Edw., & Son, safety razor mfrs., 148 Fulton, New York.
Wedell & Boers, trunks & tool chests, mfrs., 157 Jefferson av, Detroit, Mich.
Wedemeyer & Nelson, architects, Wainwright bldg, St. Louis, Mo.
Weder Mfg. Co., surgical & dental instruments, Germantown & Stenton, Philadelphia, Pa.
Wedge Mechanical Furnace Co., Greenwich Point, Phila., Pa.
Wedmore, D. A., & Co., fruit pickers, wire goods, Camden, N. J.
Wedron Silica Co., Ottawa, Ill.
Wedron White Sand Co., Wedron, Ill.
Weeber, C. F., Mfg. Wks., pullers, tools, etc., Albany, N. Y.
Weed & Co., mill & facty. supplies, whol. hdwe., 95 Swan, Buffalo, N. Y.
Weed & Co., mill & facty. supplies, whol. hdwe., 13 Exchange, Rochester, N. Y.
Weed & Duryea Co., masons' & bldrs.' matls., New Canaan, Conn.
Weed, F. A., Hardware Co., Potsdam, N. Y.
Weed, G. N., contr., Stamford, Conn.
Weed, J. D., & Co., agr'l. implts., mill, facty. & plumbers' supplies, jobbers, whol. hdwe., Savannah, Ga.
Weed, Lewis M., Co., Inc., sporting gds., Binghamton, N. Y.
Weed Lumber Co., Weed, Cal.
Weed, W. H., mill & facty. supplies, Vincennes, Ind.
Weeden Bros., contrs., Menlo Park, Cal.
Weeden Mfg. Co., iron toys, New Bedford, Mass.
Weeder, F., Ellsworth, glass stainer, 34 S. 16th, Phila., Pa.
Weedle, A. L., lbr., Sweet Home, Ore.
Weehawken Dry Dock Co., Weehawken, N. J.
Weehawken Tungsten Lamp Co., 550 Gregory av, Weehawken, N. J.
Week, John, Lumber Co., Stevens Point, Wis.
Weekes & Day, architects, 311½ S. Spring, Los Angeles, Cal.
Weekes, John, & Son Co., mill, facty. & plumbers' supplies, Watertown, N. Y.
Weeks, Arthur J., stoneware, tanks, chemical, Akron, Ohio.
Weeks, Chas. Peter, architect, Mutual Bk. Bldg., San Francisco, Cal.
Weeks, D. C., & Co., contractor, 1123 Broadway, New York.
Weeks, Frank A., Mfg. Co., stationery supp., 93 John, New York.
Weeks, Geo. S., masons' & bldrs.' matls., West Winfield, N. Y.
Weeks, H. Hobart, architect, 425 5th av, New York.
Weeks-Hoffman Co., auto gears, Syracuse, New York.
Weeks-Howe-Emerson Co., ship chandlers, 90 Market, San Francisco, Cal.
Weeks, Jas. H., lbr., Belmont, N. H.
Weeks Mfg. Co., lantern slides, 181 Tremont, Boston, Mass.
Weeks, Nelson, shades, 226 Pacific, Brooklyn, N. Y.
Weeks, O. B., architect, Carson, Iowa.

Weeks, P. L., & Co., turpentine, Enville, Fla.
Weeks, R. E., Co., plumbers' & steam fitters' supplies (jobbers), Scranton, Pa.
Weeks Scale Wks., Mt. Jewett, Pa.
Weeks, Theo., sash, door & blind, Kingston, N. Y.
Weeks, Wm. C., achitect, Sheboygan, Wis.
Weeks, Wm. H., architect, 75 Post, San Francisco, Cal.
Weemhoff, Harvey H., architect, Murray Bldg., Grand Rapids, Mich.
Wege, E., Concrete Machy. Co., La Crosse, Wis.
Wege Marble & Tile Co., Central Nat'l Bank Bldg., Columbus, O.
Wegenaar, G. A., Mfg. Wks., advtg. spec., 154 Nassau, New York.
Wegenaar, John L., Co., granite prod., 299 B'way, New York.
Wegman, Wm. J., Co., mattresses, Rochester, N. Y.
Wegner Bros. Co., htg. contrs., 227 5th, Milwaukee, Wis.
Wegner, J. F., & Co., wholesale hardware, Fond du Lac, Wis.
Wegner Mach. Co., Buffalo, N. Y.
Wegner Mach. Wks., 63 Mills, Long Island City, New York.
Wehking, Chas., contractor, 147 E. Market, Indianapolis, Ind.
Wehmeyer, Harry H., contr., 509H W. Cumberland, Phila., Pa.
Wehner, Jos., contractor, 119 Zeigler, Dayton, Ohio.
Wehr Steel Co., 45th & Gordon av, Milwaukee, Wis.
Wehr Steel Co., steel castings, West Allis, Wis.
Wehrle Bros., machsts., Newark, Ohio.
Wehrle Co., stove mfrs., Newark, Ohio.
Wehrung & Billmeier Co., gold leaf, 3624 Lincoln av, Chicago, Ill.
Wehrman, Wm., cornices & skylights, St. Joseph, Mo.
Weibel, G., Roofing & Cornice Wks., Seattle, Wash.
Weiblen, A., Marble & Granite Co., City Park av & St. Louis, New Orleans, La.
Weibley, Wm. F., architect, Burlington, Ia.
Weich, Elmer J., architects, 427 Williams, Norfolk, Va.
Weicht, Adolph, & Sons, buttons, 730 R., Sun., Phila., Pa.
Weicht, H. B., coffins, etc., Angola, Ind.
Weick, Martin Co., trunk mfrs., 1623 S. Ashland, Chicago, Ill.
Weider, John A., horse collars, Rochester, N. Y.
Weidig Foundry Co., stove mfrs., Zanesville, Ohio.
Weidlich Bros. Mfg. Co., machsts., Bridgeport, Conn.
Weidlich Sterling Spoon Co., table silverware, Bridgeport, Conn.
Weidman, Augustus, fertilizer mfr., Hagerstown, Ind.
Weidman Bros., architects, Marysville, Ohio.
Weidman-Fisher Co., cigar boxes, Tampa, Fla.
Weidman, John H., contractor, Union Bldg., Syracuse, N. Y.
Weidman & Son, Co., lbr., Trout Creek, Mich.
Weidner, C. A., Co., machsts., Rochester, N. Y.
Weier Bros., scrap iron, Sandusky, Ohio.
Weigand, O. A., architect, Peters Tr. bldg, Omaha, Neb.
Weigel, Geo. G., advtg. nov., 1501 S. Kedzie av, Chicago, Ill.
Weigel, John, Co., cornices, 664 E. McMillan, Cincinnati, Ohio.
Weigel, Phillip, Jr., mill & facty. supplies—whol. hdwe., New Brunswick, N. J.
Weigel, S. J., architect, Central Bk. Bldg., Memphis, Tenn.
Weigell A., & Son, mattresses, 320 Broadway, Milwaukee, Wis.
Weigelt Glass & Mirror Co., 617 S. 6th, St. Louis, Mo.
Weigle Riveted Steel Pipe Wks., Denver, Colo.
Weigele, Wm. A., Steel Pipe Wks., steel tanks, Denver, Colo.
Weihe, W. O., masons' & bldrs.' matls., Nashville, Ill.
Weiher, Lorenz F. J., architect, 271 W. 125th, New York.
Weil Bros., plumbers' supplies—jobbers, 651 W. Lake, Chicago, Ill.
Weil, Emile, architect, Whitney-Central Bldg., New Orleans, La.
Weil-Gutmann Supply Co., mill & supplies; 636 S. Peters, New Orleans, La.
Weil, J. H., & Co., architects' & engnrs.' instruments & supplies, 1300 Arch, Phila., Pa.
Weil, Louis, aluminum castings, ingots & metals, 32 Broadway, New York.
Weil, Ransom Co., dusters, 816 Fulton, Chicago, Ill.
Weil, S., & Son, paste & size, 194 Franklin, New York.
Weiland, Chas., whol. hdwe., 149 Chambers, New York.
Weiland, Edw. A., concrete steel construction, Clark & Independence, Cleveland, Ohio.
Weil's, Morris, Sons, scrap iron & steel, etc., 837 N. 3d, Phila., Pa.
Weimann Bros. Mfg. Co., dies, special machy, etc., Derby, Conn.
See adv index at end of book. . . .
Weimar Bros., tapes, braids & cords, 2046 Amber, Phila., Pa.
Weimber, Abe, brooders & incubators, Ligonier, Ind.
Weimer, C. A., ventilator mfrs., Lorain, Ohio.
Weimer Chain & Iron Co., Lebanon, Pa.
Weimer Mach. Wks. Co., Lebanon, Pa.
Weinberg, C., & Co., silk fringes, 27 W. 23d, New York.
Weinberg, J. L., architect, Congress bldg, Detroit, Mich.
Weinberg, J. H., & Co., lubrg. oils & greases, 150 Madison av., New York.
Weingarten & Geberer, traveling bags, 90 Grand, New York.
Weingartner's, Jos., Sons, sash, door & blind mfrs., Newport, Ky.
Weinhagen & Hespe, thermometers, syringes, etc., 159 Leonard, New York.
Weinman, C. J., Co., special machy.; machine tools, etc., 310 E. 2d, Dayton, Ohio.
Weinman, L. B., architect, 711 Main, Fort Worth, Tex.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, Ohio.
Weinmann, C. F., cornices & skylights, Atchison, Kans.
Weinrichter, R. M., architect, Cutler Bldg., Rochester, N. Y.
Weinstein, Jacob, architect, 6 Church, New Haven, Conn.
Weinstein, Martyn N., architect, 1270 54th, Brooklyn, N. Y.
Weinstein, Sam'l, sash, door & blind mfrs., 100 Richardson, B'klyn, N. Y.
Weinstock & Cohn, cornices, 170 E. 32d, New York.
Weinstock, Nichols & Co., whol. auto accessories, 538 Golden Gate av, San Francisco, Cal.
Weintraub, Jos., trunk mfrs., 1037 S. 4th, Philadelphia, Pa.
Weinz Trimming Co., silk tassels, 68 Chauncy, Boston, Mass.
Weir Canning Co., Toledo, Ia.
Weir, Collins B., architect, Morristown, N. J.
Weir & Craig Co., steam fitters & plbrs.' supplies, 6316 Wentworth av, Chicago, Ill.
Weir Frog Co., Cincinnati, O.; Foreign Dept., 43 Cedar, New York.
Weir, R. W., Lumber Co., Houston, Tex.
Weir Stove Co., Taunton, Mass.
Weirton Steel Co., tin plate & sheet metal mfrs., Weirton, W. Va.
Weis, F. J., architect, 1126 Lindsey, Dayton, Ohio.
Weis, F. W., cornices & skylights, Lexington, Mo.
Weis, Hy., Cornice Co., 4124 E. 12th, Kansas City, Mo.
Weis, J. L., architect, 623 Hamilton av, St. Louis, Mo.
Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.
Weis & Lesh Mfg. Co., wagon spokes, wood skewers, Muncie, Ind., & Delhi, La.
Weis, Max H., architect, 618 Main bldg, Cleveland, Ohio.
Weis Mfg. Co., filing cabinets & devices & book cases, Monroe, Mich.
Weis Paper Mill Co., Quincy, Ill.
Weisbard, C. C., sashes, doors & blinds, Cedar Falls, Ia.
Weisbecker, Chas., meat packer, 268 W. 125th, New York.
Weisbecker, Francis A., & Sons, polish'g mach'y, 22 Frost, B'klyn, N. Y.
Weisberg, Baer, Co., sash, door & blind mfrs., Blvd, Long Island City, N. Y.
Weisberg, Max, mattresses, 375 Pacific, Brooklyn, N. Y.
Weisel, Harvey H., machsts., Milford Square, Pa.
Weisel, Milton T., carriages, Perkasie, Pa.
Weisenthal & Co., chemicals, 145 W. 45th, New York.
Weiser, H. M., flour, Hamilton, Tex.
Weisfeld Bros., sash, door & blind mfrs., 7 McKibbin, B'klyn, N. Y.
Weisfeld, Leo. H., architect, 53 W. Jackson blvd, Chicago, Ill.
Weisglass, S., & Co., bedstead mfrs., 13 Montauk av, Brooklyn, New York.
Weishaupt Iron Wks., 1232 S. Western av, Chicago, Ill.
Weiskittel, A., & Son Co., stoves, 12th & E. Lombard, Baltimore, Md.
Weiskopf, Abraham, thermometers, pyrometers, 16 S. Clinton, Chicago, Ill.
Weiss, Albert A., & Co., thermometers & hydrometers, 572 Gates av, B'klyn, N. Y.
Weiss, Chas. & Son, carriage fasteners, 4715 Cottage Grove av, Chicago, Ill.
Weiss & Co., who. hdwe., Freeport, Ill.
Weiss & Fritts, carriages, Frenchtown, N. J.
Weiss, H., & Co., sheet metal wkrs., machin. & Supplies, 83 John, New York.
Weiss, J. W., architect, 53 Jackson blvd, Chicago, Ill.
Weiss & Klau Co., window shade mfrs., 462 B'way, New York.
Weiss, L. T., razor guards, 286 Taaffe pl., Brooklyn, N. Y.
Weiss, Otto, Milling Co., alfalfa meal, Wichita, Kansas.
Weiss Polish Wks., carriage dressing, 216 S. Winchester av, Chicago, Ill.
Weissberg, Chas., Plumbing Supply Co., 317 Broome, New York.
Weissbrod, Emil & Sons, advtg. nov. & specialties, Greenfield, Mass.
Weissenberger, Geo. K., cornices, 4011 Sp. Grove av, Cum., Cincinnati, Ohio.
Weissinger, Geo., & Bro., meat packers, Pottsville, Pa.
Weitzel & Larson Contng. Co., Bakersfield, Cal.
Weitzel Lbr. Co., Sedgeley & Gtn. avs, Phila., Pa.
Weitzel, M. B., second hand bags, Lititz, Pa.
Welch, A. P., Co., turkish towels, Glen Riddle, Pa.
Welch, Alex. McM., architect, 11 E. 42d, New York.
Welch Bedding Co., mattresses, springs, etc., cor. 5th & Ochoa, El Paso, Texas.
Welch-Bright Co., fire brick, Monaca, Pa.
Welch Bros. Apple Co., canned goods, Burlington, Vt.
Welch Construction Co., Joliet, Ill.
Welch, E. J., & Co., brass fndrs., Fitchburg, Mass.
Welch, E. J., Fdry. Co., 24th & Wallace, Chicago, Ill.
Welch Fertilizer Co., Columbus, Ohio.
Welch Furn. Co., Dept. H, High Point, N. C.
Welch, Holme & Clark Co., oils, potash, etc., 383 West, New York.
Welch, J. H., & Sons, cornices, Ft. Wayne, Ind.
Welch, Jas. J., contractor, Salem, Mass.
Welch, John, & Sons, bldg. contrs., Somerville, Mass.
Welch Mfg. Co., clothing cabinets, Grand Rapids, Mich.
Welch, Mary E., & Co., canned goods, Thaxton, Va.
Welch, Max J., architect, 321 S. Olive, Los Angeles, Cal.
Welch-Millard Co., cooperage stack, Nashville Tenn.
Welch, P., & Co., contractors, Spokane, Wash.
Welch, S. J., architect, Pensacola, Fla.
Welch & Suthergreen Co., trunks, Fitchburg, Mass.
Welch, T. F., Co., gears, nuts, screws, etc., 55 Sudbury, Boston, Mass.
Welch, U. S., flour, Terra Alta, W. Va.
Welch Wholesale Hardware Co., Clinton, Okla.
Welchans, A. C., mchsts. & fdrs., Lancaster, Pa.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Weld, Geo. A., Co., heaters, regulators, etc., 79 Milk, Boston, Mass.
Weldcraft Equipment Co., burners, acetylene gauges, torches, welding, etc., 2501 Penn av, Pittsburgh, Pa.
Welded Products Co., steel tanks, 2700H 7th av, Birmingham, Ala.
Welded Steel Barrel Corp., barrels, tanks, etc., Hart av & Charlevoix, Detroit, Mich.
Weldex Co., stock fountains, Richmond, Ind.
Weldex Mfg. Co., hog oilers, Richmond, Ind.
Welding Material Co., 114 Liberty, New York.
Weldless Chain Co., hame fasteners, Bridgeport, Conn.
Weldner, Jacob K., machsts., Salfordville, Pa.
Weldon, C. J., carriages, Rockford, Ill.
Weldon Contr. Co., Rahway, N. J.
Weldon, Geo., contractor, Mount Vernon, N. Y.
Weldon Lbr. Co., Weldon, N. C.
Weldon, S. A., & Son, mill & facty. supplies, Bristol, Conn.
Weldum Products Co., welding compound, Indianapolis, Ind.
Weld Wire Co., welding wire, wire nails, etc., 395 Christopher av, Brooklyn, N. Y.
Weler, H. P., Supply Co., hdwe., mill & facty supplies, Erie, Pa.
Welitoff, N., architect, 20 Clinton, Newark, N. J.
Welker Supply Co., plumbers' supplies (jobbers), 6504 Carnegie av, S. E., Cleveland, O.
Welks Hardware Co., Scranton, Pa.
Well Bros., loose leaf devices, 641 W. Lake, Chicago, Ill.
Welland Co., carriages, 2414 Gilbert av, Cincinnati, Ohio.
Wellen M., & Son, trunk mfrs., 83 Wooster, New York.
Weller Bro., machsts. & fndrs., Charlestown, W. Va.
Weller & Co., scrap iron & steel, Birmingham, Ala.
Weller Constr. Co., The, 816 14th, N. W., Washington, D. C.
Weller Engng. Co., machsts., Elyria, Ohio.
Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
Weller, J. A., & Sons, steam fitters' supplies, Emlenton, Pa.
Weller, J., Co., canned goods, Oak Harbor, Ohio.
Weller, John W., lumber, East Fultonham, Ohio.
Weller, M. D., archl. iron, Pottstown, Pa.

Weller Mfg. Co., mill & facty. supplies, 1856 N. Kostner av, Chicago, Ill.
Weller Pattern Co., Quincy, Ill.
Weller, S. A., crockery, Zanesville, Ohio.
Weller, W. A., contractor, Olympia, Wash.
Weller's, Hiram, Sons Co., motor boat bldrs., Trenton, N. J.
Welles, M. H., & G. H. Lbr. Co., Wyalusing, Pa.
Wellhener. Wm., Htg. & Sheet Metal Co., cornices, Springfield, Mo.
Welling, A. H., machsts. & fndrs., Niles, Mich.
Wellington & Co., steam htg. contrs., Riparian av, Bridgeport, Conn.
Wellington Glass Co., Cumberland, Md.
Wellington Mach. Co., brick mould sanding machines, Wellington, Ohio.
Wellington Milling Co., mill feed, Anderson, Ind.
Wellington Milling & Elevator Co., Wellington, Kan.
Wellington Piano Case Co., Leominster, Mass.
Wellington, Sears & Co., cotton duck, 93 Franklin, Boston, Mass.
Welliver, W. H., contrs., Elmira, N. Y.
Welliver, W. W., masons' & bldrs.' matls., whol. hdwe., Danville, Pa.
Wellman, B., & Co., chemicals, 132 Pearl, New York.
Wellman Bronze Co., castings, 6017 Superior av, Cleveland, O.
Wellman Co., boring bars & tools & sole cutting machy., Medford, Mass.
Wellman Pattern Supply Co. See Wellman Products Co. (successors).
Wellman Products Co., Pattern makers' supp., 1444 E. 49th Cleveland, Ohio.
Wellman-Seaver-Morgan Co. (The), steel plant equipment, coal & ore handling machin., etc., E. 70th & Central ave., Cleveland, Ohio. *See adv. index at end of book*
Wellman, Walter, contractor, Schenectady, N. Y.
Wellock, Robinson, sash, door & blind, Harbor Beach, Mich.
Wells-Abbott-Nieman Co., flour, Schuyler, Neb.
Wells, A. H., Co., copper tubing, steam guages, springs, etc., 563 Watertown rd, Waterbury, Conn.
Wells Arch'l. Iron Co., River av & 151st, New York.
Wells, Arthur T., cornices, Muncie, Ind.
Wells, Beckwith & Cole, architects, McKerchey Bldg, Detroit, Mich.
Wells Bros. Co., see Greenfield Tap & Die Corporation, Greenfield, Mass.
Wells Bros. Co., contrs., 907 5th av, New York, & Riggs Bldg, Washington, D. C.
Wells Bros. Cnstr. Co., Monadnock Block, Chicago, Ill.
Wells, Bulkeley, agent mine exploration wk., Hobart bldg., San Francisco, Cal.
Wells, Carson F., architect, Brigham, Utah.
Wells, Chas. M., architect, Rutledge, Pa.
Wells Chemical Bronze Wks., Worcester, Mass.
Wells, F. C., machsts., 101 S. Clinton, Chicago, Ill.
Wells, F. E., & Son Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
Wells Flour Milling Co., Wells, Minn.
Wells, Frank L., Co., spring bed machy, Kenosha, Wis.
Wells, G. A., contractor, 187 Providence, Worcester, Mass.
Wells, Geo., mach. & fdr., Sedalia, Mo.
Wells, Hdwe. Co., Inc., mill & facty. supplies, Holyoke, Mass.
Wells, Harry M., boilers, Alexandria, Ind.
Wells-Higman Co., berry boxes, St. Joseph, Mich.
Wells-Holmes Co., Inc., tools, 50H E. 42nd, New York.
Wells, J. Hollis, architect, 32 Nassau, New York.
Wells, J. W., Brick Co., Chattanooga, Tenn.
Wells, Jas. H., contractor, Heed Bldg., Philadelphia, Pa.
Wells, Jas. M., Co., mortar color mfrs., Ogdensburg, N. Y.
Wells, John W., Lumber Co., Menominee, Mich.
Wells-Lamson Quarry Co., stone producers, Barre, Vt.
Wells, M. J., stone, Ft. Worth, Tex.
Wells, M. L., architect, Wellsburg, W. Va.
Wells & Newton Co., htg. contrs., 292 Av. B, New York.
Wells, R. A., Lbr. Co., 234 S. La Salle, Chicago, Ill.
Wells, R. C., Mfg. Co., electric lighting systems, Fond du Lac, Wis.
Wells & Richardson Co., diamond dyes, Burlington, Vt.
Wells & Stump, cornices & skylights, Oskaloosa, Iowa.
Wells, Wm. A., architect, Hyde bldg, Spokane, Wash.
Wells, Wm. L., contractor, Atlantic Highlands, N. J.
Wellston Galv. Iron & Cornice Wks., 6222 Easton av, St. Louis, Mo.
Wellston Iron Furnace Co., pig irons & portland cements, Jackson, Ohio.
Wellston Mfg. Co., pipeless furnaces, Wellston, Ohio.
Wellsville Burial Case Co., coffins, caskets, etc., Wellsville, N. Y.
Wellsville China Co., Wellsville, Ohio.
Wellsville Mfg. Co., fly nets, Wellsville, Pa.
Welsbach Co., mantles, Gloucester City, N. J.
Welsbach Gas Lamp Co., 392 Canal, New York.
Welsbach Street Lighting Co. of America, 1934 Market, Phila., Pa.
Welsford Lbr. Co., Danforth, Me.
Welsh & Carey, architects, Merchants Nat'l. Bk. Bldg., San Francisco, Cal.
Welsh, Geo., architect, Coal Exch. Bldg., Wilkes Barre, Pa.
Welsh & Grey, Lbr. Corp., Albany, N. Y.
Welsh & Kerry Co., lumber, masons' & bldrs.' matls., Reed City, Mich.
Welsh, L. E., architect, 132 Madison av, New York.
Welsh Mach. Wks., 276 West, New York.
Welsh, P. M., masons' & bldrs.' matls., New Brunswick, N. J.
Welsh, Thos. M., contractor, 758 S. Broad, Philadelphia, Pa.
Welsh, Wm., water filters, 2733 Arbor av, Hyde Pk., Cincinnati, Ohio.
Welshous & Symon, machinists, 3648 18th, San Francisco, Cal.
Welson & Roake, heating boilers, etc., 261 Front, New York.
Welt & Perry, harness mfrs., Flint, Mich.
Welte, M., & Sons, musical instruments, 667 5th av, New York.
Welte, M., & Son, piano mfrs., Poughkeepsie, N. Y.
Welter Lbr. Co., Dorris, Cal.
Weltoff, Nathan, architect, 76 Montgomery, Jersey City, N. J.
Welty, Wm. A., adding mach. stands & fountain pen mfrs., Waterloo, Ia.
Weitz, Chas., Sons, contractors, Des Moines, Ia.
Weltzen, N. H., contractor, 3225 30th av, S., Minneapolis, Minn.
Wemlinger Steel Piling Co., 149 B'way, New York.
Wemyss Furness Co., furn., Dept. H, Evansville, Ind.
Wena Lbr. Co., Bay, St. Louis, Miss.
Weitzel & Larson Contng Co., Bakersfield, Cal.
Wenstchee Brick & Tile Co., Wenatchee, Wash.
Wenatchee Lumber Co., Wenatchee, Wash.
Wenatchee Milling Co., flour, Wenatchee, Wash.
Wendell & Co., silver nov., 337 W. Madison, Chicago, Ill.
Wendell, Fay, & Co., employees' uniforms, 229 4th av, New York.
Wendell, Michael, contr., Lancaster, N. Y.
Wenderoth, J., & Sons, fertilizer mfrs., Camden, N. J.
Wendland, C. F., Eng. & Constr. Co., 63 Wooster, New York.
Wendling, A. F., Co., contractors, Massillon, Ohio.
Wendling, Jos., Art Glass Co., 720H S. 4th, St. Louis, Mo.
Wendling, Nathan, Co., lumber, 110 Market, San Francisco, Cal.
Wendnagel & Co., tanks, 600 W. 22d, Chicago, Ill.
Wendt, Albert H., bolts, chains, etc., 456 E. 2d, Cincinnati, O.
Wendt & Rausch Co., pads & tablets, Toledo, Ohio.
Wendtland, Wm., machst., 51 Mercer, New York.
Weng, L. E., & Son, lumber, Daggett, Mich.
Wenger, Geo., Machy. & Supplies Mfg. Co., St. Louis, Mo.
Wenger, Paul, Co., aluminum alloys, ingots & metals, 56 Liberty, New York.
Wengert Hardware Co., 1221 Grand av, Kansas City, Mo.
Wenig, Julius, architect, 721 10th, N. W., Washington, D. C.
Weniger, H., surgical instruments, 143 Valencia, San Fran., Cal.
Wenkenbach's, Wm. Sons, auto bodies & carriages, 1314 Germantown av., Phila., Pa.
Wensley Metal Products Co., Denver, Colo.
Wennemer Constr. Co., 103 Park av, New York.
Wenner, F. L., stone producers, 1335 W. 116th, Cleveland, Ohio.
Wenning, Jno., machst., 225 E. 106th, New York.
Wennonah Cotton Mills, Lexington, N. C.
Wenstrom's, John, Sons, machsts., 623 Bergen, Brooklyn, N. Y.
Wennstrom's, John, Sons Co., dies, drills, gauges, tools, etc., Suffern, N. Y.
Went, C. H., machst., Findlay, Ohio.
Wente Elec. Co., Hamilton, Ohio.
Wentink Mfg. Corp., car movers, Menasha, Wis.
Wentworth Body Co., Boston, Mass.
Wentworth, Fred W., architect, 140 Market, Paterson, N. J.
Wentworth Institute, engng. schools & coll., Boston, Mass.
Wentworth, Lew, lumber, Omaha, Neb.
Wentworth, Walter A., Co., contractors, 15 Exchange, Boston, Mass.
Wentz, O. W., machsts. & fndrs., Warsaw, Ind.
Wenzel, B., Tent & Duck Co., 1036 Paul, St. Louis, Mo.
Wenzel, F. M., Sheet Metal Co., cornices, Joplin, Mo.
Wenzell, S. S., Machine Co., bottle working machy., 50th & Parkside av, Phila., Pa.
Wenzelman, G., presses, baling, Galesburg, Ill.
Wenzelman, Gustave, pianos, Galesburg, Ill.
Wenzelman Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Weot Lime & Stone Co., Tiffin, Ohio.
Werby, A., & Co., scrap iron, 47 Beverly, Boston, Mass.
Werby, Benjamin, Co., second-hand machinery dealers, 81 Haverhill, Boston, Mass.
Wehreim, E. W., contr., Evansville, Ill.
Werk, M., Co., soap, Murray rd St. B., Cincinnati, Ohio.
Werk, Robert, & Co., clothes-press, 2519 St. Philip, New Orleans, La.
Werking, John E., lbr., Hagerstown, Ind.
Werling, Albert, common brick, Preble, Ind.
Werner & Adkins, architects, Mitchell Bldg., Cincinnati, O.
Werner, Carl, architect, Humboldt Bk. bldg, San Francisco, Cal.
Werner, Chas., architect, 316 Flatbush av, Brooklyn, N. Y.
Werner, Geo. P., cornices & skylights, Galveston, Tex.
Werner, Geo., & Sons, auto metal bodies, Buffalo, N. Y.
Werner, John, & Sons, confectioners' machy., Rochester, N. Y.
Werner, Louis, Saw Mill Co., lbr. mfrs., Fullerton Bldg., St. Louis, Mo.
Werner, Louis, Stave Co., Shreveport, La.
Werner & Pfleiderer Co. See Baker's Sons, J. & Perkins Co., Inc. (successors).
Werner Piano Co., 1325 Milwaukee av, Chicago, Ill.
Werner-Service Mfg. Co., pumps, 263 Fairmount av, Jersey City, N. J.
Werner, Washington T., contractor, 632 52d, Milwaukee, Wis.
Werner & Windolph, architects, 27 W. 33d, New York.
Werra Aluminum Foundry Co., aluminum castings, Waukesha, Wis.
Wersel, Frank B., Jr., furniture, 1104H Kenner, Cincinnati, O.
Wert, C. C., cement block machy., Kendallville, Ind.
Wertenbach, John H., contractor, McKeesport, Pa.
Werthan Bag Co., Nashville, Tenn.
Werthan Bag Co., 12th & Clinton, Nashville, Tenn. *See adv index at end of book.*
Wertheimer Bros., sweaters, etc., 289 6th av, New York.
Werther, J. E., architect, 371 Lockwood, Brooklyn, N. Y.
Wertley, Walter, Sons, sash, door & blind, Pottsville, Pa.
Wertsch, Wm., Co., carriages, 24 Page, San Francisco, Cal.
Wertz, Robert W., flour mills, Wernersville, Pa.
Wesche, B. A., Electric Co., motors, 1622 Vine, Cincinnati, O.
Wesche, John A., contractor, 118 N. La Salle, Chicago, Ill.
Wesco Co., contrs., Chattanooga, Tenn.
Wesco Supply Co., mine & ry. supplies (elec.), 7th & Clark, St. Louis, Mo.
Wescott, A. A., & Sons, spindles & flyer mfrs., Hopedale, Mass.
Wesel, F., Mfg. Co., machsts., 70 Cranberry, Brooklyn, N. Y.
Wesel, Geo. F., contractor, Milwaukee & Orion, Pittsburgh, Pa.
Wesely, Chas., Co., laundry tubs, 3126 S. Canal, Chicago, Ill.
Weser Bros., Inc., pianos, 524 W. 43d, New York.
Wesle Bros., carriages, Medford, Wis.
Wesley Co., advtg. spec., 730 N. Franklin, Chicago, Ill.
Wesley, Frank H., architect, 98 Winslow av, Buffalo, N. Y.
Wesley Mfg. Co., check perforators, 31 Beekman, New York.
Wessbecher, Hillebrand, architects, 705 Market, St. Louis, Mo.
Wessel, Duval & Co., nitrate of soda, 25 Broad, New York.
Wessel, H., brick, Batesville, Ind.
Wessel, Herman, Mfg. Co., mattresses, 624 Main, Cincinnati, O.
Wessells, W. F., mill & facty. supplies, Peekskill, N. Y.
Wessels, D. D., artificial laundry tubs, 501 E. Euclid, Detroit, Mich.
Wessendorf, Chas., Co., cornices & skylights, Memphis, Tenn.
Wessling Bros. Fndry. Co., Liberty & McLean avs, Cincinnati, O.
Wesson Cotton Oil & Fertz. Co., Wesson, Miss.
West, A. J., Lumber Co., Aberdeen, Wash.
West Allis Foundry Co., West Allis, Milwaukee, Wis.
West, Alonzo A., cornices & skylights, Malden, Mass.
West, Arthur F., contractors, Builders' Exchange, Baltimore, Md.
West Barnstable Brick Co., West Barnstable, Mass.

West Bay City Sugar Co., West Bay City, Mich.
West Bend Aluminum Co., West Bend, Wis.
West Bend Barn Equipment Co., cow watering bowls, cattle stanchions, West Bend, Wis.
West Bend Canning Co., West Bend, Wis.
West Bend Woolen Mills, woolen blankets, West Bend, Wis.
West Bergen Iron Fndry., 21 Pollock av, Jersey City, N. J.
West Boylston Mfg. Co., tire fabrics, Easthampton, Mass.
West Branch Fire Brick Co., Renova, Pa.
West Branch Knitting Co., bathing suit mfrs., Milton, Pa.
West Branch Novelty Co., cedar chests, Milton, Pa.
West Bros., knitted underwear, Emerson & Harbor av., Syracuse, N. Y.
West Bros. Brick Co., Nat' Savings & Trust Bldg., Washington, D. C.
West, C., & Co., contractors, Oxford & Wakeling, Phila., Pa.
West Carrolton Parchment Co., West Carrolton, Ohio.
West, Chas. F., ice creepers, 3861 Lancaster av, Phila., Pa.
West Chester Engine Co., oil engines, West Chester, Pa.
West Chicago Sash & Door Mfg. Co., West Chicago, Ill.
West, Claughton, architect, Homer bldg., Washington, D. C.
West Coast Fertilizer Co., Tampa, Fla.
West Coast Gas Engine Co., San Diego, Cal.
West Coast Heating Co., Seattle, Wash.
West Coast Iron Wks., mchsts.& fndrs., Seattle, Wash.
West Coast Kalsomine Co., paints, West Berkeley, Cal.
West Coast Ornamental Iron & Wire Wks. Inc., Seattle, Wash.
West Coast Packing Co., canned goods, Long Beach, Cal.
West Coast Packing Co., Blaine, Wash.
West Coast Shingle Co., lumber mfrs., Tacoma, Wash.
West Coast Soap Co., 26th & Poplar, Oakland, Cal.
West Coast Wagon Co., Tacoma, Wash.
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
West Co., carriages, 4017 Liberty av, Pittsburgh, Pa.
West Construction Co., contractors, American Bldg., Baltimore, Md., & Chamberlain Bldg., Chattanooga, Tenn.
West Disinfecting Co., 411 5th av, New York.
West & Dodge Co., special tools & thread gauges, 37 Parkman, Brighton District, Boston, Mass.
West, E. G., masons' & bldrs.' matls., Gothenburg, Neb.
West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.
West End Coal Co., Springfield, Ill.
West End Coal Co., anthracite, Mears bldg, Scranton, Pa.
West End Cornice Co., 13 Lindall pl, Boston, Mass.
West End Cornice Wks., 925 Clarendon, St. Louis, Mo.
West End Furn. Co., Dept. H, Rockford, Ill.
West End Lbr. Co., Bridgeport, Conn., and San Antonio, Tex.
West End Mattress Co., 68 Pitts, Boston, Mass.
West End Paper Co., Carthage, N. Y.
West End Pottery Co., East Liverpool, O.
West End Sash Co., 51 Beverly, Boston, Mass.
West End Spring Bed Co., 66 Pitts, Boston, Mass.
West End Stone & Brick Co., 121 Wabash, Pittsburgh, Pa.
West End Thread Co., Millbury, Mass.
West, F. M., Box Co., Springfield, Mass.
West Falmouth Mfg. Co., carriage wheels, etc., West Falmouth, Me.
West Fork Glass Co., window, Clarksburg, W. Va.
West Fork Mill Co., flour, West Fork, Ark.
West, Frederick W., architect, 505 5th av, New York.
West, Geo. W., elec. contr., Grass Valley, Cal.
West Gin & Mill Co., flour, West, Miss.
West, H. T., Co., turpentine, etc., 148 State, Boston, Mass.
West Haven Buckle Co., West Haven, Conn.
West Haven Mfg. Co., hack saws, blades, frames and machines, and nail sets mfrs., etc., West Haven, Conn.
West Huntsville Cotton Mills Co., Huntsville, Ala.
West, J. A., architect, Fremont, Neb.
West, J. H., Lbr. Co., Warren, Pa.
West Jersey Marl. & Trans. Co., fertilizer mfrs., Woodbury, N. J.
West Jersey Paper Mfg. Co., Camden, N. J.
West, Jos., brick, Rockport, Mo.
West Lafayette Mfg. Co., hangers, West Lafayette, O.
West Latrobe Fdry. & Mach. Co., Latrobe, Pa.
West Leechburg Steel Co., rolling mills & strip steel, Farmers Bank bldg, Pittsburgh, Pa.
West Lumber Co., Atlanta, Ga., and Houston, Tex., and Lugerville, Wis
West Lbr. & Box Co., Fayetteville, N. C.
West Mfg. Co., paper fasteners, 48 N. 2d, Phila., Pa.
West Mich. Furn. Co., Dept. H, Holland, Mich.
West Michigan Mach. & Tool Co. (Ltd.), Grand Rapids, Mich.
West Michigan Steel Fdry. Co., Muskegon, Mich.
West Monroe Mfg. Co. (Ltd.), lbr. mfrs., West Monroe, La.
West Oregon Lbr. Co., Linnton, Ore.
West Penn Lumber Co., Farmers Bank Bldg., Pittsburgh, Pa.
West Penn Powder Co., dynamite mfrs., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
West Penn Steel Co., Brackenbridge, Pa.
West Phila. Art Glass Wks., 4219 Market, Phila., Pa.
West Pittston Screen Wks., West Pittston, Pa.
West Point Investment Co., West Point, Ga.
West Point Iron Works, West Point, Ga.
West Point Mfg. Co., cotton duck & canvas, West Point, Ga.
West Point Mill Co., rice, Charleston, S. C.
West & Reaves Lumber Mills, Inverness, Fla.
West River Canning Co., canned goods, Galloways, Md.
West Roxbury Trap Rock Co., stone producers, W. R., Boston, Mass.
West St. Louis Mach. & Tool Co., models & experimental wk., 606 S. Vandeventer av, St. Louis, Mo.
West Salem Canning Co., West Salem, Wis.
West Seattle Heating & Sheet Metal Wks., cornices & skylights, Seattle, Wash.
West Seneca Lumber Co., Lackawanna, N. Y.
West Side Cut Stone Co., 2422 W. Walton, Chicago, Ill.
West Side Fdry Co., Kansas City, Kans.
West Side Foundry Co., Troy, N. Y.
West Side Iron Wks., machsts., Grand Rapids, Mich.
West Side Lumber Co., Columbus and Dayton, Ohio, and Tuolumne, Cal.
West Side Lbr. Co., packing boxes, Manchester, N. H.
West Side Metal Refining Co., 1447 S. Sangamon, Chicago, Ill.
West Side Motor Co., machsts, Hamilton, Ohio.
West Side Structural Co., ornamental iron wks., Troy, N. Y.
West Steel Casting Co., lathe dogs, 805 E. 70th, Cleveland, Ohio.
West Stockbridge Marble Wks., West Stockbridge, Mass.
West Street Carriage Co., Seattle, Wash.
West Texas Products Co., see Cantol Wax Co. (successors).
West Tire Setter Co., tire setters, banding presses, etc., Rochester, N. Y.
West & Townsend, argicultural implements, Martinsville, Ohio.
West Varnish Co., Everett, Mass.
West Va. Coal & Coke Co., Elkins, W. Va.
West Va. Fire Clay Mfg. Co., Diamond Bk. Bldg., Pittsburgh, Pa.
West Va. Foundry & Stove Co., Huntington, W. Va.
West Va. Lumber Co., First National Bang bldg, Pittsburgh, Pa.
West Va. Malleable Iron Co., machsts & fndrs., Point Pleasant, W. Va.
West Va. Mine Supply Co., Clarksburg, W. Va.
West Va. Paving & Pressed brick Co., common, Huntington, W. Va.
West Va. Pulp & Paper Co., 200 5th av, New York.
West Va. Rail Co., mills, Huntington, W. Va.
West Va. Timber Co., lumber, Charleston, W. Va.
West Waterway Lbr. Co., Seattle, Wash.
West, Wm. C., architect, Merchants Bk. bldg, Richmond, Va.
West, Wm. S., & Son, wood pumps, Chillicothe, Ohio.
West, W. R., mill & facty. supplies, New Bedford, Mass.
West Woodworking Co., fixtures, etc., 308-24 N. Ada, Chicago, Ill.
West Yellow Pine Co., Madison, Fla.
Westall, J. M., & Co., masons' & bldrs.' mtls., Asheville, N. C.
Westall, W. H., & Co., masons' & bldrs.' matls., Asheville, N. C.
Westboro Lumber Co., Westboro, Wis.
Westboro Trunk & Bag Co., Westboro, Mass.
Westboro Weaving Co., Westboro, Mass.
Westbrook, Edw. S., & Son, masons' & bldrs.' matls., Port Jervis, N. Y.
Westbrook Elevator Mfg. Co., machsts. & fndrs., Danville, Va.
Westbrook, John D., Inc., mill & facty. supplies, Norfolk, Va.
Westpurg Engng. Co., ammeters & rheostats, etc., 53 W. Jackson blvd., Chicago, Ill.
Westchester Engineering Co., White Plains, N. Y.
Westchester Lighting Co., water-gas tar, Mt. Vernon, N. Y.
Westchester Machine Co., can-making machy., Mt. Vernon, N. Y.
Westcott Chuck Co., drill & lathe chucks, Oneida, N. Y.
Westcott, Frederick, architect, Rookery Bldg., Spokane, Wash.
Westcott, H. F., mill & facty. supplies, Ellsworth, Me.
Westcott, J. D., & Son, broom handles, Richword, W. Va.
Westcott-Jewell Co., rulers & meter sticks, Seneca Falls, N. Y.
Westcott & Mapes, contrs., naval archits. & consulting engrs., 204 Orange, New Haven, Conn.
Westcott Motor Car Co., Springfield, Ohio.
Westcott, R. L., contr., Chattanooga, Tenn.
Westcott, W. B., masons' & bldrs'. matls., Blue Hill Me.
Wester, Miss C. J., architect, James Bldg., Chattanooga, Tenn.
Wester, Jens N., contr., Perth Amboy, N. J.
Wester, S. J., Mfg. Co., sashes, doors & blinds, Boone, Iowa.
Westerberg, C. H. & Co., Inc., mill & facty. supp., 9 W. B'way, New York.
Westerberg & Williams, contractors, Woolworth Bldg., New York.
Westergren, M. F., cornices, doors, etc., 213 E. 144th, New York.
Westerlin & Campbell Co., machsts., 26 N. Clinton, Chicago, Ill.
Westerlund, C. A., cornices, Rock Hill, S. C.
Westerlund, J. V., contractor, 320 Market, San Francisco, Cal.
Westerly Concrete Co., Westerly, R. I.
Westerly Textile Co., mosquito netting, Westerly, R. I.
Westerman & Co., iron bar mills, Lockport, N. Y.
Westerman Iron Wks., machsts. & fndrs., Seattle, Wash.
Western Aluminum Co., tubes, 180 N. Dearborn, Chicago, Ill.
Western Aniline Products Co., oils & colors, chemicals, etc., Hammond, Ind.
Western Architect, trade publication, 215 S. Market, Chicago, Ill.
Western Archl. Iron Co., 211 W. Schiller, Chicago, Ill.
Western Art Glass Shade Wks., 105 Turk, San Francisco, Cal.
Western Art Leather Co., Denver, Colo.
Western Asbestos Magnesia Co., 25 S. Park, San Francisco, Cal.
Western Asbestos & Mfg. Co., pipe covering, W. 33rd & Mariposa, Denver, Colo.
Western Automatic Mach. Co., 34 E. Court, Cincinnati, Ohio.
Western Automatic Machine Screw Co., Elyria, Ohio.
Western Automobile Co., Seattle, Wash.
Western Badge & Button Co., Los Angeles, Cal.
Western Badge & Nov. Co., St. Paul, Minn.
Western Bag & Burlap Co., 2433 W. 14th, Chicago, Ill.
Western Block Co., tackle blocks, Lockport, N. Y.
Western Blow Pipe & Sheet Metal Co., exhaust & blow piping, St. Louis, Mo
Western Blower Co., dust collectors, exhausters, oil filters, etc., 1800 9th av., Seattle, Wash.
Western Blue Print Co., Gumbel Bldg., Kansas City, Mo.
Western Board & Paper Co., Kalamazoo, Mich.
Western Boarding & Supply Co., contrs., 133 W. Washington, Chicago, Ill.
Western Boiler Compound & Chemical Co., Gloyd Bldg., Kansas City, Mo.
Western Bottle Mfg. Co., 402 W. Randolph, Chicago, Ill.
Western Box Co., wood nov., 326 River, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.
Western Brass Mfg. Wks., brass & bronze castings, hdwe. mfrs., etc., Marshall blvd & W. 21st, Chicago, Ill.
Western Brick Co., Danville, Ill.
Western Brick & Supply Co., Hastings, Nebr.
Western Bridge & Constr. Co., Omaha, Neb.
Western Builders' Supply Co., mouldings, etc., 135 2d, San Francisco, Cal.
Western Button Factory, bone butons, all sizes, 15th & Utah, San Francisco, Cal.
Western Cabinet & Fixture Mfg. Co., store & bar fix., Kansas City, Mo.
Western Carbonic Gas Co., Agnew, Cal.
Western Cartridge Co., ammunition, East Alton, Ill.
Western Casket Co., Oakland, Cal.
Western Casket Hardware Co., Elgin, Ill.
Western Chemical Mfg. Co., Denver, Colo.
Western Chemical Products Co., 210 N. Canal, Chicago, Ill.
Western Clay Mfg. Co., Helena, Mont.
Western Clock Co., La Salle, Ill.
Western Coal Mining Co., Railway Exch. bldg., St. Louis, Mo.
Western Coil & Electric Co., therapeutic lamps, Racine, Wis.

Western Contractor, trade publication, Northwestern Bank Bldg., Kansas City, Mo.
Western Const. Co., Boise, Idaho.
Western Cooperage Co., kegs, tanks—wooden, Portland, Ore.
Western Cottage Piano & Organ Co., Ottawa, Ill.
Western Covered Button Co., 138 Wooster, New York.
Western Crucible Steel Casting Co., 2843 Pleasant av, Minneapolis, Minn.
Western Development Co., magnesite, Pacific Bldg., San Francisco, Cal.
Western Die & Stamping Works, 721 Fulton, Chicago, Ill.
Western Display Co., 301 Chestnut, St. Paul, Minn.
Western Drop Forge Co., Marion, Ind.
Western Dry Battery Co., Seattle, Wash.
Western Elaterite Roofing Co., Denver, Colo.
Western Electric Co., electrical specialties mfrs., 463 West, New York.
Western Electro Mechanical Co., elec. instruments & testing equip., 465 2nd, Oakland, Cal.
Western Enameled Steel Sign Co., litho., 180 N. Dearborn, Chicago, Ill.
Western Engineering Co., cornices & skylights, Seattle, Wash.
Western Equipment Co., contractors' tools & supplies, San Francisco, Cal.
Western Farquhar Machy. Co., dlrs., Portland, Ore.
Western Federal Supply Co., powdered talc, Cleveland, Ohio.
Western Felt Works, 4115 Ogden av, Chicago, Ill.
Western Fibre Reed Co., Chicago, Ill.
Western Fir Lbr. Co., Tacoma, Wash.
Western Fire Appliance Co., 51 2nd, San Francisco, Cal.
Western Fireworks Co., Denver, Colo.
Western Fixture Co., 737 W. 16th, Los Angeles, Cal., & 1402 Weil, Milwaukee, Wis.
Western Foundry, 5th & Folsom, San Francisco, Cal.
Western Fdry. & Mfg. Co., Springfield, Ohio.
Western Fdry. Co., 3634 S. Kedzie av, Chicago, Ill.
Western Foundry & Machine Wks., Topeka, Kans., & Helena, Mont.
Western Fdry. & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Western Fdry. & Stove Repair Wks., Salt Lake City, Utah.
Western Fuel Co., masons' & bldrs.' matls., 430 California, San Francisco, Cal.
Western Furn. Co., Dept. H, Batesville, Ind.
Western Furn. Co., 1038H Madison av, Indianapolis, Ind.
Western Furniture Co., desk mfrs., Blair av & Palm, St. Louis, Mo.
Western Furniture & Mfg. Co., mattresses, Lincoln, Neb.
Western Gas Construction Co., 1431 Buchanan, Fort Wayne, Ind.
Western Gas Fixture Co. See Riddle, Edward N. Co. (successor).
Western Glass Co., Streator, Ill. *See adv index at end of book.*
Western Glass & Paint Co., Lincoln, Neb.
Western Grain & Sugar Products Co, 110 Sutter, San Francisco, Cal.
Western Grip & Trunk Co., 791 30th, Milwaukee, Wis.
Western Haircloth Co., 3109 S. Robinson, Chicago, Ill.
Western Hammock Co., La Crosse, Wis.
Western Hardware Co., Leadville, Colo.
Western Hdwe. Mfg. Co., 557 W. Monroe, Chicago, Ill., & 858 3d, Milwaukee, Wis.
Western Hardware & Metal Co., 1201 Av S, Seattle, Wash.
Western Hardwood Lbr. Co., Los Angeles, Cal.
Western Heavy Hardware & Iron Co., mill & facty. supply, & Iron Co., Oakland, Cal.
Western Improvement Co., sash, door & screen frames, etc., Minot, N. Dak.
Western Indiana Mining Co., coal mine, Terre Haute, Ind.
Western Industries Co., alcohol, 110 Sutter, San Francisco, Cal.
Western Inspection Co., fire extinguishers, Buffalo, N. Y.
Western Instrument Co., 1001 Washington blvd, Chicago, Ill.
Western Insulation Co., electrical insulation, 557 Monroe, Chicago, Ill.
Western Iron Co., 4406 N. Clark, Chicago, Ill.
Western Iron Fdry. Co., Denver, Colo.
Western Iron & Foundry Co., Wichita, Kans.
Western Iron Stores Co., mill & facty. supplies, 145 W. Water, Milwaukee, Wis.
Western Iron & Wire Wks., Omaha, Neb.
Western Iron Works, 141 Beale, San Francisco, Cal.
Western Iron Wks., fndrs., Manitowoc, Wis.
Western Kieley Steam Spec. Co., 116 W. Illinois, Chicago, Ill.
Western Knitting Mills, bathing suit mfrs., 215 4th av, New York.
Western Knitting Mills, knitted gloves, Rochester, Mich.
Western Knitting Mills, sweaters, cardigans, etc., 231 Maujer, Brooklyn, N. Y.
Western Knitting Mills, sweaters, etc., 1140 Blue Island av, Chicago, Ill.
Western Ldry. Machy. Co., 416 Mission, San Francisco, Cal.
Western Lime & Cement Co., Pabst Bldg., Milwaukee, Wis., & Postal Tele. Bldg., San Francisco, Cal.
Western Lime Wks., St. Genevieve, Mo.
Western Lumber & Pole Co., Spokane, Wash.
Western Machine & Foundry Co., see Shark, L. C., Mfg. Co. (successors).
Western Mach. Mfg. Co., 443 Rosabel, St. Paul, Minn.
Western Mach. Tool Wks., machsts., Holland, Mich.
Western Mach. Wks., Indianapolis, Ind.
Western Machy. Co., 900 N. Main, Los Angeles, Cal.
Western Machy. Co., Tucson, Ariz.
Western Machy. Exchange, mill & facty. supplies, 201 Falsom, San Francisco, Cal.
Western Machinery Co., gas engines, H, Rialto Bldg, San Francisco, Cal.
Western Malleable Castings Co., Boyle & Slawson avs, Los Angeles, Cal.
Western Malleables Co., castings, Beaver Dam, Wis.
Western Mfg. Co., concrete mixers, troughs, etc., Oskaloosa, Ia.
Western Manufacturing Co., sashes, doors & blinds, Toledo, O
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, Ohio.
Western May-Oatway Fire Alarms, Los Angeles, Cal.
Western Meat Co., 6th & Townsend, San Francisco, Cal.
Western Mechanical Wks., 520 W. Pico, Los Angeles, Cal.
Western Merchandise & Supply Co., printing inks, 326 W. Madison, Chicago, Ill.
Western Metal Mfg. Co., culverts—road, El Paso, Tex.
Western Metal Products Co., wire cloth perforated metals, 144 W. Kinzie, Chicago, Ill.
Western Metal Supply Co., San Diego, Cal.
Western Mirror Plate Co., 824 Wade, Cincinnati, Ohio.
Western Motor Draying Co., 1444 Church, San Francisco, Cal.
Western Oil Pump & Tank Co., 2437 Kosciusko, St. Louis, Mo.
Western Oxide & Spec. Co., 2117 S. Jefferson, Chicago, Ill.
Western Oxygen & Gas Products Co., 2311 E. 52nd, Los Angeles, Cal.
Western Packing & Provision Co., 3854 S. Morgan, Chicago, Ill.
Western Packing & Supply Co., packing leather, 231 N. Wells, Chicago, Ill. *See adv index at end of book.*
Western Paper Goods Co., tobacco bags, 3rd & Lock, Cincinnati, Ohio.
Western Paper Makers Chem. Co., alizarine & sulphonated oils, Kalamazoo, Mich.
Western Pattern & Mfg. Co., Moline, Ill.
Western Paving Co., Oklahoma, Okla.
Western Petroleum Co., 201 S. La Salle, Chicago, Ill.
Western Pine Lbr. Co., Klickitat, Wash.
Western Pipe & Steel Co., hydraulic cylinders, pipes & tanks, 444 Market, San Francisco, Cal.
Western Pipe & Supply Co., mill & facty. supplies, 20-52 Fullerton, Chicago, Ill.
Western Plumbing Supply Co., plbrs. supplies, jobbers, 3228 Filmore, Chicago, Ill.
Western Pocahontas Fuel Co., see Chesapeake & Ohio Railway Co., Fuel Mine Operations (successors).
Western Pottery Co., 3107 S. Michigan av, St. Louis, Mo.
Western Pottery Co., Denver, Colo.
Western Powder Mfg. Co., East Alton, Ill.
Western Ry. Equip. Co., Central Nat'l Bank Bldg., St .Louis. Mo.
Western Radiator Co., 410 N. Western, Chicago, Ill.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Fran., Cal.
Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.
Western Reduction Co., fertilizer mfrs., 1501 Evans, San Francisco, Cal.
Western Reflector Co., shades, 1053 W. Lake, Chicago, Ill.
Western Reserve Furniture Co., music cabinets, Warren, O.
Western Reserve Lumber Co., Warren, O.
Western Reserve Rubber Co., rubber toys, South Akron, Ohio.
Western Reserve Varnish Co., 1251 Marquette, Cleveland, O.
Western Robe Mills, metal polish, 162 N. Desplaines, Chicago, Ill.
Western Rock Island Plow Co., Omaha, Neb.
Western Rock Salt Co., Arcade bldg., St. Louis, Mo.
Western Roofing & Supply Co., paper, 3611 Loomis, Chicago, Ill.
Western Rope & Mfg. Co., oil well drilling tools, Tulsa, Okla.
Western Rubber Co., Goshen, Ind.
Western Sand Blast Mfg. Co., glass, signs, etc., 1458 W. Kinzie, Chicago, Ill.
Western Screen Co., 1489 E. 4th, Los Angeles, Cal.
Western Screw Mfg. Co., machine screws, 4413-23 W. Kinzie, Chicago, Ill.
Western Screw Prod. Co., 3219 S. B'way, St. Louis, Mo.
Western Shade Cloth Co., 2100 S. Jefferson, Chicago, Ill.
Western Slate Co., plumbers' slate, 326-28 Aberdeen, Chicago, Ill.
Western Silo Co., Ltd., Des Moines, Iowa.
Western Soap Co., Ltd., Spokane, Wash.
Western Sporting Goods Mfg. Co., 126 N. Union av, Chicago, Ill.
Western Stamp & Stencil Co., Omaha, Neb.
Western Star Mill Co., rye flour, Salina, Kans.
Western States Const. Co., Hearst Bldg., San Francisco, Cal.
Western States Cutlery & Mfg. Co., Boulder, Colo.
Western States Lbr. Co., St. Paul, Minn.
Western States Portland Cement Co., Independence, Kans.
Western Steel Car & Foundry Co., 122 S. Michigan av, Chicago, Ill.
Western Steel & Iron Works, iron archl. & ornamental, De Pere, Wis.
Western Stone Co., 133 W. Wash., Chicago, Ill.
Western Stopper Co., crown corks, 2800 20th, San Francisco, Cal.
Western Sugar Refinery Co., 2 Pine, San Francisco, Cal.
Western Supply Co., mill, facty. & plumbers' supplies, Lincoln, Neb., & Park sq, St. Paul, Minn.
Western Supply & Mfg. Co., mill & facty. supplies, 25 S. Clinton, Chicago, Ill.
Western Tablet Co., St. Joseph, Mo.
Western Tent & Awning Co., Lincoln, Neb.
Western Terra Cotta Co., Kansas City, Mo.
Western Tie & Timber Co., Syndicate Trust Bldg., St. Louis, Mo.
Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.
Western Tinware Co., St. Louis, Mo.
Western Tool & Forge Co., Brackenridge, Pa.
Western Tool Co., jigs & fixtures, 577 N. 3d, Newark, N. J.
Western Tool & Mfg. Co., The, tool holders, Springfield, Ohio.
Western Transformer Co., Oakland, Cal.
Western Type Fdry., 343 S. Dearborn, Chicago, Ill.
Western Umbrella Co., Omaha, Neb.
Western Utilities Co., elec. light plants, 204 Grand av, Milwaukee, Wis.
Western Valve Co., steam fitters' supplies, 701 W. Wash. blvd., Chicago, Ill.
Western Vulcanizer Mfg. Co., 150 N. Desplaines, Chicago, Ill.
Western Watch Case Mfg. Co., 29 E. Madison, Chicago, Ill.
Western Wheelbarrow Mfg. Co., machsts. & fndrs., South Ft. Smith, Ark.
Western Wheeled Scraper Co., agrlt. implts., Aurora, Ill.
Western Windmill Co., mill & facty. supplies, Sweetwater, Tex.
Western Wire Mattress Co., 2401 17th, San Francisco, Cal.
Western Wood Preserving Co., Spokane, Wash.
Western Washer Co., 2279 E. 15th, Los Angeles, Cal.
Western Wrecking Co., architects, 1532 W. Washington, Indianapolis, Ind.
Westervelt, Geo. E., contractor, Tenafly, N. J.
Westervelt, J. C., architect, 36 W. 34th, New York.
Westervelt, J. S., contractor, Englewood, N. J.
Westervelt, J. W., & Co., machsts., 198 William, New York.
Westfahl File Co., 467 31st, Milwaukee, Wis.
Westfield Mfg. Co., bicycle mfrs., Westfield, Mass.
Westfield Marble & Sandstone Co., Westfield, Mass.
Westfield Miller Co., flour, Westfield, N. C.
Westfield Plate Co., mchsts. & fdrs., Thompsonville, Conn.
Westfield River Paper Co., paper & pulp mills, Russell, Mass.
West Frankfort Coal Co., West Frankfort, Ill.
Westgate, Fred. H., willow ware mfrs., Liverpool, N. Y.

Westhoff & Distin, architects, Saranac Lake, N. Y.
Westhoff, M. H., architect, Stearns Bldg., Springfield, Mass.
Westhoff, Max H., architect, 293 Bridge, Springfield, Mass.
West Kentucky Coal Co., Sturgis, Ky.
Westing, G. H., Co., sporting gds., jobbers, Penn & Vermont, Indianapolis, Ind.
Westinghouse Air Brake Co., machsts. & fndrs., Pittsburgh, Pa.
Westinghouse Automatic Air & Steam Coupler Co., Boatman's Bank bldg., St. Louis, Mo.
Westinghouse, Church, Kerr & Co., contrs., Wilkins bldg., Washington, D. C.
Westinghouse Co., agricultural implements & traction engines, Schenectady, N. Y.
Westinghouse Electric & Mfr. Co., electrical apparatus of every description, East Pittsburgh, Pa. *See adv index at end of book.*
Westinghouse Lamp Co., 165 B'way, New York.
Westinghouse Pacific Coast Brake Co., air compressors, 65 Market, San Francisco, Cal.
Westinghouse Traction Brake Co., air brakes for electric cars, Westinghouse bldg., Pittsburgh, Pa.
Westlake Constr. Co., Ry. Exch. bldg., St. Louis, Mo.
Westlund, August, mill & facty. supplies, Marinette, Wis.
Westlund, C. G., Co., friction clutches, engine lathes — special machinery mfrs., 498 Millbury, Worcester, Mass.
Westmoreland Coal Co., bituminous, 224 S. 3rd, Philadelphia, Pa.
Westmacott Gas Furnace Co., 159 Orange, Providence, R. I.
Westminster Fertilizer Co., Westminster, Md.
Westminster Oil & Fertz. Co., Westminster, S. C.
Westmoreland Automatic Mach. Co., shoe shining machs., Irwin, Pa.
Westmoreland Brick Co., 2nd Nat'l Bank Bldg., Pittsburgh, Pa.
Westmoreland Canning Co., Mount Holly, Va.
Westmoreland Chemical & Color Co., color mfgs. & imptrs., Philadelphia, Pa.
Westmoreland Construction Co., Connellsville, Pa.
Westmoreland Malleable Iron Co. (Ltd.), malleable iron castings, Westmoreland, N. Y.
Westmoreland Spec. Co., cut glassware, Grapeville, Pa.
Westmoreland, W. B., Co., mill & facty. supplies, Woodruff, S. C.
Weston, A., & Son, lumber mfrs., North Tonawanda, N. Y.
Weston Brick Wks., Weston, W. Va.
Weston & Brooker, pipe, Columbia, S. C.
Weston Byron Co., paper & pulp mills, Dalton, Mass.
Weston Carbon Co., Warren, Pa.
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
Weston, F. A., architect, Greensboro, N. C.
Weston, H., Lumber Co., Logtown, Miss.
Weston, J. H. & J. S., contrs., Nashua, N. H.
Weston & Kroeger, contrs., San Antonio, Tex.
Weston, L. A., mill & facty. supplies, Adams, Mass.
Weston Milling Co., flour, Weston, W. Va.
Weston-Mott Co., wheels & axles, Flint, Mich.
Weston Paper & Mfg. Co., display racks & toilet paper holders, Dayton, Ohio.
Weston Shepard & Davison, architects, 36 E. 23d, New York.
Weston & Smith, architects, 73 State, Detroit, Mich.
Weston, Thomas B., hardware mfrs., 708 Light, Baltimore, Md.
Weston, W. M., Co., masons' & bldrs'. matls., 120 Milk, Boston, Mass.
Westover Steel & Iron Wks., structural steel, Lincoln, Nebr.
Westphal, O. K., architect, Kasota bldg., Minneapolis, Minn.
Westport Lime & Cement Co., masons' & bldrs.' matls., 121 W. 8th, Kansas City, Mo.
Westport Lbr. Co., Portland, Ore.
Westport Mfg. Co., cordage & twine mfrs., Fall River, Mass.
Westport Paper Co., binders' boards, Westport, Conn.
Westport Paving Brick Co., paving brick mfrs., Westport, Md.
Westport Stone Co., Westport, Ind.
Westrumite Co., asphalt dlrs. & imptrs., Whiting, Ind.
West's, L. M., Sons, auto. & carriage tops & dressing, Rockford, Ill.
Westwater Supply Co., mill, facty. & plumbers' supplies, 150 N. 3d, Columbus, Ohio.
Westwick, John, & Son, machsts. & fndrs., Galena, Ill.
Westwood Turning Co., neck yokes, Fremont, Ohio.
Wetherbee, Geo C., & Co., horse brushes, 49 Jefferson av, Detroit, Mich.
Wetherbee-Huggins Co., lumber, Waynesboro, Miss.
Wetherell Bros. Co., steel & steel wire, 251 Albany, Cambridge, Boston, Mass. *See adv. index at end of book*
Wetherell, Chester H., contractor, Olean, N. Y.
Wetherell, Frank E., architect, Youngerman Bldg., Des Moines, Iowa.
Wetherell, O. B., & Son Co., mill & facty. supplies, Fall River, Mass.
Wetherhold, W. W., carriages, Reading, Pa.
Wetherhorn, L., & Son, sash, door & blind, Charleston, S. C.
Wetherill & Bro., lead, litharge, 126 S. 30th, Philadelphia, Pa
Wetherill, Geo. D., & Co., paint mfrs., 114 N. Front, Phila., Pa.
Wetherill, Robt., & Co., machsts. & fndrs., Chester, Pa.
Wetherill, S. P., pigments, Morris Bldg., Philadelphia, Pa.
Wetmore, L. D., Co., lbr. mfrs., Warren, Pa.
Wetmore & Morse Granite Co., Montpelier, Vt.
Wetmore Reamer Co., 60 27th, Milwaukee, Wis.
Wetmore-Savage Co., insulators, 76 Pearl, Boston, Mass.
Wetmore, W. S., architect, Port Chester, N. Y.
Wettengel, Ed. A., architect, Appleton, Wis.
Wettengel, W., & Son, carriages, Omaha, Neb.
Wetter, H., Mfg. Co., steel ranges, Memphis, Tenn.
Wetter Numbering Mach. Co., 255 Classon av, Brooklyn, N. Y.
Wetterhold, Geo., mattresses, Wichita, Kans.
Wetterwald & Pfister Co., aniline colors & dyes, 276 Spring, New York.
Wettstein, Chas., architect, 48 A, Buffalo, N. Y.
Weule, Louis, Co., nautical instrument mfrs., 6 California, San Francisco, Cal.
Wetzel, B. C., & Co., architects, Dime Bk. Bldg., Detroit, Mich.
Wetzel, E. S., cornices & skylights, Bremerton, Wash.
Wetzel, John A., architect, Hielbourne, Katorah, N. Y.
Wetzel, John F., trunk mfr., Paterson, N. J.
Wetzel Mechanical Stoker Co., Trenton, N. J.
Wetzel, P. A., Co., filing cabinets & devices, Rockford, Ill.
Wexford Canning & Preserving Co., Wexford, Mich.
Wexler Knitting Mills, 29 N. 2d, Philadelphia, Pa.
Weyand, Hy., Co., conductor pipe, fireproof windows, etc., Waterbury, Conn.
Weybrecht's, J. T., Sons, sash, door & blind mfrs., Alliance, O.
Weyburn Co., plow coulters, Rockford, Ill.
Weydell, F. O., patterns & models, 12 S. Clinton, Chicago, Ill.
Weydig-Henkelman Piano Mfg. Co., Inc., 406 W. 14th, New York.
Weyerhaeuser & Co., lbr., Merchants' Nat. Bk. Bldg., St. Poul, Minn.
Weyerhaeuser & Denkmann Co., lumber, Rock Island, Ill.
Weyerhaeuser Timber Co., Everett, Wash.
Weyland, Ernest, architect, 114 Grand, Milwaukee, Wis.
Weymer, A. F., Co., corn & whisk brooms, Syracuse, N. Y.
Weymer Warehouse Co., broom corn, Dept. H, Cedar Rapids, Ia.
Weymouth Art Leather Co., East Weymouth, Mass.
Weymouth Constr. Co., Seattle, Wash.
Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.
Whalen & Burns, contractors, Ogdensburg, N. Y.
Whalen, Jas., contractor, Hoboken, N. J.
Whaley, J. A. & Co., paper & silk shades, etc., 118 5th av, New York.
Whaley, J. A., & Co., masons' & bldrs.' matls., 41 Smith, Providence, R. I.
Whaley, J. F., machy. dealer, Stuttgart, Ark.
Whaley, W. M., & Co., mill & facty. supplies, Norfolk, Va.
Whall, C. H., & Co., insulating joints, 170 Summer, Boston, Mass.
Whan, Alexander, contractor, Hoboken, N. J.
Whann, W. E., Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.
Wharton & Co., masons' & bldrs.' matls., Yale, Mich.
Wharton, G. D., contractor, 213 Winthrop av, New Haven, Conn.
Wharton, Geo., contractor, 1168 Sherman av, Salt Lake City, Utah.
Wharton Steel Co., blast furnaces, Morris blvd, Phila., Pa.
Wharton, Wm., Jr., & Co., Inc., manganese steel track work, machsts. & fndrs., Easton, Pa.
What Cheer Tool Co., What Cheer, Iowa.
What Cheer Wire Wks., 157 Dorrance, Providence, R. I.
Whatcom Falls Mill Co., lumber, Bellingham, Wash.
Whatcom Machinery Depot, dealers, Bellingham, Wash.
Whayne Roy C. Supply Co., contrs. equipt., & mill & facty supplies, 608 W. Jefferson, Louisville, Ky.
Wheat Paper Co., paper & pulp mills, Elkhart, Ind.
Wheatcraft U., & Son, brick, Butler, Ohio.
Wheatcroft, W. G., & Sons, common brick, Grayville, Ill.
Wheatena Co., cereal foods, Rahway, N. J.
Wheatland Roller Mills Co., feed, Wheatland, Wyo.
Wheatley, Arthur, architect, Walker bldg, Seattle, Wash.
Wheatley Pottery Co., Cincinnati, Ohio.
Wheaton, A. W., Brass Wks., 110 Walnut, Newark, N. J.
Wheaton Bldg. Lumber Co., contractors, Putnam, Conn.
Wheaton, C. M., & Co., wire rope clamps, Sunbury, Ohio.
Wheaton, F. E., & Son, masons' & bldrs.' matls, Wheaton, Ill.
Wheaton, T. C., & Co., glass bottles, Millville, N. J.
Whedon, Webster D., wood handles, Madison, Conn.
Wheel B. Top & H'dwe Co., auto & carriage h'dwe., 127 E. 8th, Cincinnati, O.
Wheel Truing Brake Shoe Co., 219 Tuxedo av, Detroit, Mich.
Wheel Truing Tool Co., Penobscot bldg., Detroit, Mich.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wheeler, A. B., & Son Co., heating contractors, Wausau, Wis.
Wheeler, A. G. & F., fertilizer mfrs., Stonington, Conn.
Wheeler, Alfred H., architect, Globe Bldg., St. Paul, Minn.
Wheeler-Arnold Co., ties, poles, etc., Wittenberg, Wis.
Wheeler, Asahel Co., paint mfrs., 58 High, Boston, Mass.
Wheeler, Aylesworth & Co., lumber, Endeavor, Pa.
Wheeler-Blaney Co., mill & facty. supplies, Kalamazoo, Mich.
Wheeler Bros., machsts. & fndrs., So. Norwalk, Conn.
Wheeler Bros., Brass Fndry., Troy, N. Y.
Wheeler, C. H., Mfg. Co., condensers, valves, pumps, Lehigh & 18th, Philadelphia, Pa.
Wheeler, Chas. F., architect, 4635 N. Kenton av, Chicago, Ill.
Wheeler Coal Co., Artemus, Ky.
Wheeler Condenser & Engineering Co., W. Carteret, N. J. *See adv index at end of book.*
Wheeler & Dusenberry, lumber, Endeavor, Pa.
Wheeler Elevator Co., 1221 Washington blvd, Chicago, Ill.
Wheeler Engine Wks., Bridgeport, Conn.
Wheeler, F. E., cornices, Portland, Me.
Wheeler, F. H., Mfg. Co., canvas, duck aprons, 215 W. Huron, Chicago, Ill.
Wheeler, Frank, & Son, machsts. & fndrs., Meriden, Conn.
Wheeler, G. A., brick, Gainesville, Ga.
Wheeler, Geo., ladders, Norwich, N. Y.
Wheeler, Harvey M., Lbr. Co., Jonesville, La.
Wheeler & Holcomb Co., asbestos gloves, 1360 Wells, Chicago, Ill.
Wheeler & Howes, masons' & bldrs.' matls., Bridgeport, Conn.
Wheeler, J. H., architect, Exchange Bk. Bldg., St. Paul, Minn.
Wheeler, J. R., & Co., lumber, Park Bldg., Pittsburgh, Pa.
Wheeler, J. W., & Co., lbr., Memphis, Tenn.
Wheeler, John, Construction Co., Geneva, Ill.
Wheeler & Johnson, architect, 137 Broad, Lynn, Mass.
Wheeler Lumber Bridge & Supply Co., Des Moines, Iowa.
Wheeler Lbr. Co., Wheeler, Ore.
Wheeler-McDowell Elev. Co., 417 Canal, New York.
Wheeler, Mifflin & Co., scrap iron & steel, Commercial Trust Bldg., Philadelphia, Pa.
Wheeler-Osgood Co., sashes, doors & blinds, Security Bldg., Minneapolis, Minn., & Tacoma, Wash.
Wheeler-Reese Lumber Co., Tacoma, Wash.
Wheeler Reflector Co., electric fixtures, etc., 156 Pearl, Boston, Mass.
Wheeler, Reynolds & Stauffer, bisulphide carbon, 624 California, San Francisco, Cal.
Wheeler-Schebler Carburetor Co., Indianapolis Ind.
Wheeler Screen Co., Geneva, Ill.
Wheeler-Timlin Lbr. Co., Wausau, Wis.
Wheeler Varnish Wks., 2260 Elston av, Chicago, Ill.
Wheeler, W. A., mail boxes & slitting shears, Indianapolis, Ind.
Wheeler, W. H., architect, Spreckles bldg., San Diego, Calif.
Wheeler, W. W., & Co., contractors, 715 W. Washington, Chicago, Ill.
Wheeler & Wilson, hammock mfrs., 15 Merchants row, Boston, Mass.
Wheeling Bronze Casting Co., mfrs. brass, bronze & aluminum castings, Wheeling, W. Va.
Wheeling Butchers' Association, meat packers, Wheeling, W. Va.
Wheeling Can Co., tin can mfrs., Wheeling, W. Va.
Wheeling Glass Letter & Novelty Co., lenses, Wheeling, W. Va.
Wheeling Mattress Co., Wheeling, W. Va.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
Wheeling Stamping Co., lamp burners, collapsible tubes and lanterns, Wheeling, W. Va.
Wheeling Steel Casting Co., Wheeling, W. Va.
Wheeling Steel & Iron Co., steel, tin plate & wrought pipe mills, Wheeling, W. Va.
Wheeling Stove & Range Co., see Warwood Tool Co. (successors).
Wheeling Tent & Awning Co., Wheeling, W. Va.
Wheeling Tile Co., vitreous floor tile, Wheeling, W. Va.
Wheeling Township Coal Mining Co., Adena, O.
Wheeling Wall Plaster Co., Wheeling, W. Va.
Wheelock, Geo. F., Co., cornices, Birmingham, Ala.
Wheelock, H. B., architect, 64 W. Randolph, Chicago, Ill.
Wheelock, H. B., architect, Steiner Bldg., Birmingham, Ala.
Wheelock, Lovejoy & Co., wire, steel & Swedish iron, 140 Nassau, New York.
Wheelock Lumber & Mfg. Co., 1751 N. Maplewood av, Chicago, Ill.
Wheelock Mfg. Co., flexible metallic tubing, Wheelock, Vt.
Wheelock Piano Co., 605 E. 132d, New York.
Wheelon, E. R., contractor, 825 E. 9th, So. Salt Lake City, Utah.
Wheelwright Construction Co., Ogden, Utah.
Wheelwright, Geo. W., Paper Co., 95 Milk, Boston, Mass.
Wheelwright, Robert, landscape architect, 15 E. 40th, New York.
Wheetley Spoke Co., Wheetley, Ark.
Whelan, Alex. T., cornices & skylights, St. Joseph, Mo.
Whelan, D. J. (Est. of), shears, Troy, N. Y.
Whelan, Martin, cornices, Ardmore, Pa.
Whelan, P. J., & J. T., contractors, Lincoln Bldg., Phila., Pa.
Whelan, Thos., & Co., bldg. contrs., Quincy, Mass.
Wheland Co., mill & facty. supplies, Chattanooga, Tenn.
Wheler, J. R. Co., lbr., Danieltown, Va.
Wherry, Jas. & Co., contractors, 857 W. North av, Pittsburgh, Pa.
Wherry, S. C., architect, Mitchell, S. D.
Whidby Is. Sand & Gravel Co., Bellingham, Wash.
Whidden, A. H., & Son, mill & facty. supplies, Peabody, Mass.
Whidden-Beekman Co., contractors, 70 Devonshire, Boston, Mass.
Whidden & Lewis, architects, Wilcox Bldg., Portland, Ore.
Whike, Geo. H., & Sons, contractors, Canton, Ohio.
Whilldin, D. O., architect, Title Guarantee Bldg., Birmingham, Ala.
Whilldin Pottery Co., 713 Wharton, Phila., Pa.
Whinston, B. H., & C. N., architects, 2 Columbus Circle, New York.
Whinston, Morris, architect, 116 W. 39th, New York.
Whipp Mach. Tool Co., Sidney, Ohio.
Whipple Art Glass Co., 409 Prospect av, N. W., Cleveland, Ohio.
Whipple & Campbell Co., platinum, 488 S. Main, Providence, R. I.
Whipple & Choate, brass, manganese & phosphor bronze ingots, Bridgeport, Conn.
Whipple, Eugene B., architect, 17 Exchange, Providence, R. I.
Whirret Bros., currycombs, stirrups, Delphos, Ohio.
Whisler, Chas. F., masons' & bldrs.' matls., Hillsboro, Ohio.
Whisler, John, blacksmith, Gibson, Ia.
Whistler, J. C., machst., Newville, Pa.
Whistler Porch Column Fcty., sash, door & blind, Centralia, Wash.
Whistler & Scearcy Co., lumber, Ironton, Ohio.
Whitacre-Greer Fireproofing Co., Waynesburg, Ohio.
Whitacre, J. E. Mfg. Co., machsts., Rockford, Ill.
Whitacre, R. B., & Co., machy. dlrs., St. Paul, Minn.
Whitaker Bros. Co., spokes, wagon, Meridian, Miss.
Whitaker, C. L., architect, Dravosburg, Pa.
Whitaker, Fred., Co., cotton & wool waste, 2624 N. American, Phila., Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), tin plates, steel sheets, iron & steel rolling mills, etc., Wheeling, W. Va.
Whitaker Mfg. Co., mill & facty. supplies, agric'l implements, 409 S. Green, Chicago, Ill.
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, Ohio.
Whitaker, Reed Co., travelers' rings, reeds, Worcester, Mass.
Whitaker, Wm., & Sons, denims, awning stripes, Cedar Grove, Phila., Pa.
Whitall, Tatum & Co., druggists & surgical glass & rubber gds., 48 Barclay, New York.
Whitby, C. H., & Son, canned goods, Denton, Md.
Whitby, Wm. H., contractor, Easton, Md.
Whitcher, C. R., architect, Manchester, N. H.
Whitcher, F. W. Co., shoe laces, 14 Albany, Boston, Mass.
Whitcomb, Blaisdell Machine Tool Co., lathes, chucking machines, etc., 677 Cambridge, Worcester, Mass.
Whitcomb Cabinet Co., bank, office & store fix., show cases, etc., Kansas City, Mo.
Whitcomb, E. Noyes, Co., contractors, 49 Wareham, Boston, Mass.
Whitcomb Envelope Co., Worcester, Mass.
Whitcomb & Faukner, see Faulkner, R. E. (successors).
Whitcomb, Frank L., contractor, 17 Wareham, Boston, Mass.
Whitcomb, Geo. D., Co., machsts. & fndrs., Rochelle, Ill.
Whitcomb, Haynes & Whitney, lumber, Ellsworth Falls, Me.
Whitcomb & Kavanaugh, contractors, see Kavanaugh, Jas. F., Co. (successors).
Whitcomb Metallic Bedstead Co., Shelton, Conn.
White, A. C., lbr., Laclede, Idaho.
White, A. D., Machy. Co., 108 N. Jefferson, Chicago, Ill.
White, A. E., Mach. Wks., Eau Claire, Wis.
White, A. H., Co. (Ltd.), roofing paper, Howard, Venus, Miro, & Tanti, New Orleans, La.
White, A. J., architect, Big Rapids, Mich.
White, A. L., Mfg. Co., organs, 215 Englewood av, Chicago, Ill.
White American Locomotive Sander Co., Roanoke, Va.
White, A. P., & Co., flour mills, Cadiz, Ky.
White, B. V., architect, Summit, N. J.
White & Bagley Co., lubricating oils & greases, Worcester, Mass.
White, Barclay & Co., contr., 1713 Sansom, Phila., Pa.
White, Benj. S., Mach. Shop & Fdry., Shreveport, La.
White, Benj. T., contractor, Newport, R. I.
White, Benj. V., architect, 29 W. 34th, New York.
White Brass Castings Co., 1656 Austin av, Chicago, Ill.
White Brick Co., Comanche, Tex.
White & Bro., ingot metals, Phila., Pa.
White Bros., architects, Brainard, Minn.
White Bros., awning stripes, & tickings, Winchendon Springs, Mass.
White Bros., denims, E. Jaffrey, N. H.
White Bros., lumber, 5th & Brannan, San Francisco, Cal.
White Bros., fndrs., Western Port, Md.

White, C. Ferris, architect, 828 Montgomery, W. Spokane, Wash.
White, C. P., Lumber Co., Boonville, Ind.
White, C. W., & Co., elastic hosiery, 99 Court, Boston, Mass.
White, Chas., sashes, doors & blinds, Frenchtown, N. J.
White, Chas. & Co., machinists, 418 O. S. W., Washington, D. C.
White, Chas. E., architect, 617 E. 24th, Paterson, N. J.
White, Chas. E., Jr., architect, 343 S. Dearborn, Chicago, Ill.
White, Charles F., architect, Citizens' Bldg., Cleveland, O.
White, Chas. Gas Engine Co., engine manfrs., Scott & McHenry, Baltimore, Md.
White, Chas. H., lumber mfrs., Webster Crossing, N. Y.
White, Chas. H., & Sons Co., pattern & flask stock lbr., 18th & Indiana, Philadelphia, Pa.
White City Elec. Co., storage batteries, 14 N. Franklin, Chicago, Ill.
White Cloud Mill & Elevator Co., White Cloud, Kans.
White & Co., masons' & bldrs.' matls., Anderson, S. C.
White (The), Co., automobile builders, 79th & St. Clair, Cleveland, Ohio.
White Constr. Co., 425 E. Water, Milwaukee, Wis.
White Constr. Co., 17 N. La Salle, Chicago, Ill.
White, Corbin & Co., plain envelopes, Rockville, Conn.
White, David, Co., engineers field & drawing instruments & supplies, 419 E. Water, Milwaukee, Wis.
White, E. E., Coal Co., Glen White, W. Va.
White, E. I., ship bldrs., Machias, Me.
White, E. M., & Co., motor boats, canoes, etc., Old Town, Me.
White, E. V., & Co., mill & facty. supplies, Norfolk, Va.
White Elm Nursery Co., landscape architects, 738½ Cramer, Milwaukee, Wis.
White, Elmer S., & Co., auto rugs, Heed Bldg., Phila., Pa.
White Enamel Refrigerator Co. See Bohn Refrigerator Co. (successor).
White, F. H., & Co., mchsts. & fdrs., South Easton, Mass.
White, F. H., Co., hat boxes, 1001 Hamilton, Phila., Pa.
White, F. J., iron, 462 Maine av, S. W., Washington, D. C.
White, F. Manson, architect, Chamber of Commerce, Portland, Ore.
White, F. O., Constr. Co., concrete steel constr., 183 River, Boston, Mass.
White Fire Proof Const. Co., 286 5th av, New York.
White, Fred C., demijohns, 241 Water, New York.
White, Fred I., hose pipes, Reading, Mass.
White, Frank R., architect, 1314 F. N. W., Washington, D. C.
White Frost Refrigerator Co., Jackson, Mich.
White Fuel Oil Engng. Corp., burners, 742 E. 12th, New York.
White, G. Axe, Co., Honesdale, Pa.
White, G. W., & Son, masons' & bldrs.' matls., Watertown, N. Y.
White, Geo., models & experimental wk., 22 Morris, Jersey City, N. J.
White, Geo., Buggy Co., carriages, Rock Island, Ill.
White & Gloor, contractors, Monadnock Bldg., San Francisco, Cal.
White, Gratwick & Mitchell, lbr. mfrs.—packing, box mfrs., North Tonawanda, N. Y.
White, H. C., Co., stereoscopes, desk lights & children's vehicles, North Bennington, Vt.
White-Haines Optical Co., Columbus, O.
White, H. P., switchboards, 1625 Ramstead, Phila., Pa.
White Hall Pottery Works, White Hall, Ill.
White Hall Sewer Pipe & Stoneware Co., White Hall, Ill.
White & Hamilton Lbr. Co., Crawfordville, Ga.
White Hardware Co., Norfolk, Va., & Wilkes-Barre, Pa.
White Haven Quarry Co., stone prod., Scranton, Pa.
White Heat Products Co., grinding wheels, Frazer, Pa.
White Henry S. T., architect, 322 N. Architect, Baltimore, Md.
White, Herbert E., & Co., contractors, Attleboro, Mass.
White Hickory Wagon Mfg. Co., East Point, Ga.
White Hill Chain Wks., Fieldsboro, N. J.
White Hoist & Mach. Co., So. blvd & 143d, New York.
White, Howard J., architect, 80 E. Jackson blvd, Chicago, Ill.
White Hugh E. Esq., architect, Fort Mills, S. C.
White, I. N., pea feeding machines, Mount Morris, N. Y.
White, Ira, & Son Co., machsts., Bloomfield, N. J.
White, J. B., architect, Ardmore, Okla.
White, J. B., & Son, architects, Clarion, Ia.
White, J. Cleveland & Co., canned goods, Salisbury, Md.
White, J. Frank, soap, Elmira, N. Y.
White, J. G., & Co., contractors, 43 Exchange pl, New York.
White, J. G., Engineering Corp., industrial buildings, power plants & public utilities, 43 Exchange pl, New York.
White, J. G., architect, 818 Conn. av, N. W., Washington, D. C.
White, J. H. Mfg. Co., brass fdrs., 111 N. 3rd, Brooklyn, N. Y.
White J. J. contrs., Bozeman, Mont.
White, J. J. Lumber Co., Columbia, Miss.
White, J. R., architect, Elderfield-Hartshorn bldg., Niagara Falls, New York.
White, J. S., Co., mchsts. & fndrs., Pawtucket, R. I.
White, J. T., & Son, lumber, Hazel, Ky.
White, Jas. F., & Co., burlap, 54 Worth, New York.
White, Jas. M., architect, Administration Bldg., Urbana, Ill.
White, Jas. N., & Sons, granite, W. Quincy, Quincy, Mass.
White, Jos. F., contractor, 1 Western av, Boston, Mass.
White, Kesson, architect, 4321 S. Michigan av, Chicago, Ill.
White & Kilroy, map & patent drawings, 1303 Monadnock bldg., Chicago, Ill.
White, L. C., Co., button back mfrs., Waterbury, Conn.
White, L. E., Lumber Co., Balboa Bldg., San Francisco, & Point Arena, Cal.
White, L., & I. J. Co., edge tools & machine knives, 120 Columbia, Buffalo, N. Y.
White, L. J., Lumber Co., Hutchinson, Kans.
White Lake Lumber Co., see Bryant & Masters (successors).
White Lily Mfg. Co., machsts. & fdrs., Davenport, Ia.
White Lumber Co., 1500 Webster av, Chicago, Ill., & Johnson City, Tenn.
White Mfg. Co., machsts., Bridgeport, Conn., & 556 W. 34th, New York.
White Marble Lime Co., masons' & bldrs.' matls., Manistique, Mich.
White Marble & Terrazzo Co., Lee, Mass.
White, Margaret, architect, 11 Highland, Cambridge, Mass.
White, Martin F., architect, 68 Wisconsin, Milwaukee, Wis.
White Metal Mfg. Co., collapsible tubes, 1006H Clinton, Hoboken, N. J.
White, Michael, contractor, Bayonne, N. J.
White Milling Co., buckwheat flour, Bloomsburg, Pa.
White Mop Wringer Co., Fultonville, N. Y.

White Mt. Freezer Co., mach. & fdrs., Nashua, N. H.
White, N. D., & Sons, denims, Winchendon Springs, Mass.
White, O. C., Co., electric & gas light fixtures, Worcester, Mass.
White Oak Hub Co., Vina, Ala.
White Oak Lbr. Co., Putnam, Va.
White Oak Mountain Mill Co., flour, Georgetown, Tenn.
White Paper Box Co., Holyoke, Mass.
White, Patrick, & Sons, mchsts. & fndrs., Perth Amboy, N. J.
White Paving Co., contrs., 17 N. La Salle, Chicago, Ill.
White, Perkins & White, cornices & skylights, Wellsville, O.
White, Pevey & Dexter Co., meat packers, Worcester, Mass.
White Pine Bureau, protective Ass'n, Merchants Bank Bldg., St. Paul, Minn.
White Pine Cedar Co., Blueslide, Wash.
White Plains Buggy Co., White Plains, N. C.
White Plains Gin & Fertilizer Co., White Plains, Ga.
White Provision Co., Atlanta, Ga
White-Quehl Mfg. Co., laundry marking rags & metal stamping, 429 E. Pearl, Cincinnati, O.
White Rabbit Dye Co., 4236 Easton av, St. Louis, Mo.
White Rebuilt Truck Co., mach. & fdrs., Hyde Park, Mass.
White Racker Co., beer racking machines, 3916 W. Congress, Chicago, Ill.
White, Ralph E., architect, Penna. Bldg., Philadelphia, Pa.
White, R. B., Lbr. Co., Granville, O.
White, Richard P., lbr. mfrs., Albany, N. Y.
White River Chair Co., Brattleboro, Vt.
White River Lumber Co., Enumclaw, Wash.
White River Shingle Co., Sumner, Wash.
White, Robt. J., lbr., Winooski, Vt.
White, S. S., Dental Mfg. Co., battery chemicals & oxygen gas, 211 S. 12th, Philadelphia, Pa.
White S. S. Dental Mfg. Co., machsts. & brass fndrs., Prince Bay, N. Y.
White, Sam'l R., Mfg. Co., masons' & bldrs.' matls., Bloomington, Ill.
White, Scott A., roofing tile, 401H Renshaw bldg, Pittsburgh, Pa.
White Sewing Machine Co., St. Clair & 79th, Cleveland, Ohio.
White Son Co., chamois importers, 540 Atlantic av, Boston, Mass.
White Springs Paper Co., paper & pulp mills, Nutley, N. J.
White Star Battery Co., 126 Chambers, New York.
White Star Canning Co., San Pedro, Cal.
White Star Coal Co., White Star, Ky.
White Star Co., mill & facty. supplies, Wichita, Kans.
White Star Lumber Co., 11 S. La Salle, Chicago, Ill., & Whites, Wash.
White Star Mills, flour, Staunton, Va.
White Star Refining Co., lubrg. oils, Avery & Grand Trunk Ry., Detroit, Mich.
White Steel Sanitary Furniture Co., Grand Rapids, Mich.
White-Stillman Fndry. Co., 1 Bark, Providence, R. I.
White-Stokes Co., elec. cooking app., 3615 Jasper pl, Chicago, Ill.
White Sulphur Lumber Co. Ltd., Jena, La.
White, T. C., Co., porcelain & strain insulators, 1122 Pine, St. Louis, Mo.
White, T. & S. C., Co., sulphur, 100 William, New York.
White Tar Aniline Corp., dyestuffs, 56 Vesey, New York.
White Tar Co., chemicals, 2 Cliff, New York.
White Tar Co. of N. J., chemical mfrs., 56 Vesey, New York.
White, Thos. E., architect, Lansing, Mich.
White, T. G., bag cleaning & baling machy. & wire, Cedar Rapids, Iowa.
White, Thos. H., & Co., azotine, bone dlrs., potash, etc., 11 S. Gay, Baltimore, Md.
White, Thos., Stove Co., Quincy, Ill.
White & Todd, masons' & bldrs.' matls., Aurora, Ill.
White Tool & Supply Co., machinery & mill supply dealers, 1313 W. 6th, Cleveland, O.
White Trunk & Bag Co., Nashville, Tenn.
White Valentine Co., brooms, Urbana, Ohio.
White W. B. & Son, eyeshades, Quincy, Mass.
White, W. F., & Co., scrap iron, H Linden, Clarksburg, W. Va.
White, W. H., Co., lumber, Boyne City, Mich.
White, W. H., Co., masons' & bldrs.' matls., Nyack, N. Y.
White, W. J., & Co., paint mfrs., color cards, 81 Amsterdam, Detroit, Mich.
White, W. P., architect, 309 15th av, N. Seattle, Wash.
White-Warner Co., machsts. & fndrs., Taunton, Mass.
White Wood Products Co., broom handles, Dept H, Crothersville, Ind.
White, Wm. A., architect, 1030 N. Gilmor, Baltimore, Md.
White, Wm. H., & McCulloch Lbr. Co., Fargo, N. D.
White, Wm. J., contractor, Lewiston, Pa.
White, Wm. P., Co., Northern Bk. bldg., Seattle, Wash.
White Williamson Co., cottonades, Graham, N. C.
White Wire Wks. Co., Rochester, N. Y.
White & Wright, contractors, Olympia, Wash.
White & Wyckoff Mfg. Co., tablets & pads, Holyoke, Mass.
Whiteacre, J. E. Mfg. Co., gas machines, Rockford, Ill.
Whitebreast Coal & Lumber Co., Lincoln, Nebr.
Whitecar, Jos., Iron Wks., machsts., 402 S. Water, Phila., Pa.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Whitefield Mfg. Co., bobbins, Whitefield, N. H.
Whiteford, J. S., canned goods, Whiteford, Md.
Whitehall Cement Mfg. Co., Land Title Bldg., Philadelphia, Pa.
Whitehead, Alfred, contractor, 1624 W. Latimer, Phila., Pa.
Whitehead Bennett, contrs., Evansville, Ind.
Whitehead Bros. Co., fdy. sands, equipt. & supplies, etc., 537 W. 27th, New York.
Whitehead Bros. Rubber Co., hose & packing mfrs., Trenton, N. J.
Whitehead Co., concrete steel railroad ties, Farmington, Ill.
Whitehead, Ernest, contractor, 187 Commercial, Worcester, Mass.
Whitehead, Fred H., canned goods, Lincoln, Del.
Whitehead & Hoag Co., advertg. nov. & spec., badges, emblems, etc., 272 Sussex av, Newark, N. J.
Whitehead, John W., architect, Owensboro, Ky.
Whitehead & Kales Iron Wks., Beecher & McR. R., Detroit, Mich.
Whitehead Metal Products Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 67-73 Washington, N., Boston, Mass. *See adv index at end of book*
Whitehead, Oscar P., machst., Boonton, N. J.
Whitehead, Russell F., architect, 132 Madison av, New York.
Whitehead, Wm. G., Glass Co., 180 W. 4th, St. Paul, Minn.
Whitehill, W., architect, 32 Union Sq., New York.
Whitehouse-Crawford Co., lumber, Walla Walla, Wash.
Whitehouse & Dyer, cooperage stock, Columbia, Tenn.
Whitehouse & Fouilhoux, architects, Ry. Exch. Bldg., Portland, Ore.
Whitehouse, H. C., architect, Hutton bldg., Spokane, Wash.
Whitehouse, H. G., belt buckles, 44 Elm, Newark, N. J.
Whitehouse, L. A., architect, 100 Boylston, Boston, Mass.
Whitehouse-Le Compte Mfg. Co., hdwe. mfrs., 44 Elm, Newark, N. J.
Whitehouse, M. H., architect, 619 Ry. Exch. bldg, Portland, Ore.
Whitehouse Stone Co., Toledo, Ohio.
Whitehurst & Hodges, lumber, Gilroy, Cal.
Whitehurst, R. W., Mfg. Corp., Norfolk, Va.
Whiteing Mead Commercial Co., mill & factory supplies, 415 E. 9th, Los Angeles, Cal.
Whitelaw Bros. Chemical Co., 316 S Commercial, St. Louis, Mo.
Whiteley, H. H., architect, 610 S. Brody, Los Angeles, Cal.
Whiteley Steel Co., machsts. & fndrs., Muncie, Ind.
Whiteley, W. H., architect, Everett, Wash.
Whitelite Electric Co., incandescent lamps, 370 Broome, New York
Whitely Exerciser Co., 36 Vesey, New York.
Whitely Malleable Castings Co. See Muncie Malleable Castings Co. (successor).
Whitemack, J. Odell, contractor, 231 W. 18th, New York.
Whitemack, D. L., & Co., mill & factory supplies, Tecumseh, Mich.
Whiteman Mfg. Co., machsts., Canton, Ohio.
Whitener, J. Q. D., Land & Lumber Co., Marquand, Mo.
Whiterock Quarries, lime mfrs., Bellefonte, Pa.
White's, S. R., Sons, agricultural implements, Norfolk, Va.
White's, Sam'l G., Sons, machsts. & fndrs., Peterboro, N. H.
Whitesburg Canning Co., Whitesburg, Tenn.
Whiteside, Rush J., & Sons, contractors, 2115 Wallace, Philadelphia, Pa.
Whiteside Wheel Co., Indianapolis, Ind.
Whitestone Marble Co., Atlanta, Ga.
Whiteville Lbr. Co., Whiteville, N. C.
Whitewater Bridge Co., contrs., Whitewater, Wis.
Whitewater Canning Co., Whitewater, Wis.
Whitewater Constr. Co., Whitewater, Wis.
Whitewater Lumber Co., Whitewater, Wis., & Antangaville, Ala.
Whitewright Oil Mill Co., meal, Whitewright, Tex.
Whitfield Carbon Paper Wks., 33 Sullivan, New York.
Whitfield Hardware Co., Hawkinsville, Ga.
Whitfield, Henry D., architect, 597 5th av, New York City
Whitfield J. T., carriage mfrs., Kingston, N. C.
Whitford, E. K., architect & contractor, 1457 Castleton av, Port Richmond, N. Y.
Whitford, James, architect, S. I. Bldg., Tompkinsville, N. Y.
Whitin Machine Wks., machsts. & fndrs., Whitinsville, Mass.
Whiting, Cas. W., contractor, Northampton, Mass.
Whiting & Cook, Inc., papeterie paper, Holyoke, Mass.
Whiting Corp., railway & foundry equipment, Harvey, Ill.
Whiting & Davis Co., silver novelties, Plainville, Mass.
Whiting, E. B., & A. C. Co., plastering fibre, Burlington, Vt.
Whiting, F. M., & Co., silver novelties, North Attleboro, Mass.
Whiting Foundry Equipment Co. See Whiting Corp. (Successors)
Whiting, Frank P., architect, 103 Park av, New York.
Whiting, Geo. A., Paper Co., Menasha, Wis.
Whiting, Geo., Co., machsts., 1719 Elston av, Chicago, Ill.
Whiting, Henry F., mill & facty. supplies, Lowell, Mass.
Whiting, John L.—Adams, J. J., Co., brush mfrs., 690 Harrison av, Boston, Mass.
Whiting, Junius F., architect, 250 Cedar, Springfield, Ohio.
Whiting Mfg. Co., table silverware, Bridgeport, Conn.
Whiting Milling Co., flour, Shepardstown, W. Va.
Whiting Paper Co., Holyoke, Mass.
Whiting-Patterson Co., envelopes, 11th & Race, Phila., Pa.
Whiting-Plover Paper Co., Stevens Point, Wis.
Whiting-Turner Construction Co., Stewart bldg., Baltimore, Md.
Whiting, W. H., & Co., hdwe, 428 E Pratt, Baltimore, Md.
Whitinsville Spinning Ring Co., tex. machy., supplies, etc., Whitinsville, Mass.
Whitlam, J. C., Mfg. Co., cement, Wadsworth, Ohio.
Whitlock Coil Pipe Co., Hartford, Conn.
Whitlock Cordage Co., 46 South, New York.
Whitlock, J. W., & Co., musical instruments, Rising Sun, Ind.
Whitlock, M. B., & Co., contractors, Denton, Tex.
Whitlock Mfg. Co., belt dressing, 1506 W. 112th, Cleveland, O
Whitlock Printing Press Mfg. Co. See Premier & Potter Printing Press Co., Inc. (successors).
Whitlock, Walter H., architect, Security Mutual Bldg., Binghamton, N. Y.
Whitlow, M. G., Hardware Co., cornices & skylights, Bluefield, W. Va.
Whitman & Barnes Mfg. Co., twist drills, reamers, wrenches, drop forgings, Akron, Ohio. *See adv index at end of book*
Whitman Bros., sweaters, cardigans, etc., Little Falls, N. Y.
Whitman, C. T., Lbr. Co., Earl, Ark.
Whitman-Douglas Co., plbrs.' supplies, Charlotte, N. C.
Whitman, Jos. L., masons' & bldrs.' matls., Wapakoneta, Ohio.
Whitman Mach. Co., 178 Ohio, Buffalo, N. Y.
Whitman Metal Goods Co., basket hooks, flexible tubing screw mach. products, tool holders & washers, Whitman, Mass.
Whitman & Pratt Rendering Co., Lowell, Mass.
Whitman, R., steam htg. contrs., Charlotte, N. Y.
Whitman Studios, archl. modelers & sculptors, 900 Oxford, Phila., Pa.
Whitman Supply Co., mill supplies, Dept. H, Atlanta, Ga.
Whitmarsh, I. F., Co., cornices & skylights, Taunton, Mass.
Whitmer-Jackson Sash & Door Co., 1996 W. 3d, Cleveland, Ohio.
Whitmer-Steele Co., lumber, Sunbury, Pa.
Whitmer, Wm., & Sons, lbr., Finance Bldg., Phila., Pa.
Whitmer, Wm., & Sons Co., masons' & bldrs.' matls. Sunbury, Pa.
Whitmeyer & Chaffee. See Whitmeyer, Mark H. (successor).
Whitmeyer Mark H., architect, 204 S. Glenwood av, Peoria, Ill.
Whitmore, C. B., Co., masons' & bldrs.' matls., Lockport, N. Y.
Whitmore, Chas. O., architect, 75 Pratt, Hartford, Conn.
Whitmore Mfg. Co., lubricating oils, Iron ct & Erie Ry., Cleveland, Ohio.
Whitmore Mfg. Co., paper & pulp mills—blanks, manifests & R. R. stationery, Holyoke, Mass.
Whitmore, O. S., & Co., sash, door & blind mfrs., 850 N. Spaulding av, Chicago, Ill.

Whitmore, Rauber & Vicinus, contractors—masons' & bldrs.' matls., 279 South av, Rochester, N. Y.
Whitmyer, H., corn brooms, Schenectady, N. Y.
Whitnall Co., springs, metal, stamping & screw mach. products, Plainville, Conn.
Whitner Two Rope Safety Co., fire escapes, 439 S. Clark, Chicago, Ill.
Whitney, Arthur C., contractor, 18 P. O. sq, Boston, Mass.
Whitney, Baxter D., & Son, machsts. & fndrs., Winchendon, Mass.
Whitney Blake Co., rubber insulated wires and cables, etc., New Haven, Conn.
Whitney Bros. Co., contractors & dock bldrs., Superior, Wis.
Whitney, Chas. E., contractor, North Adams, Mass.
Whitney Co., contractors, 101 Park av, New York.
Whitney & Co., folding paper boxes, Leominster, Mass.
Whitney & Currier Co., organs, Toledo, Ohio.
Whitney, E. & Co., masons' & bldrs.' matls., Natick, Mass.
Whitney, Everett E., masons' & bldrs.' matls., Hingham, Mass.
Whitney, F. A., Carriage Co., Leominster, Mass.
Whitney, F. E., Co., machsts. & fndrs., organ motors, etc., 65 Sudbury, Boston, Mass.
Whitney & Ford, steam fitters' & plumbers' supplies—jobbers, 4315 Cottage Grove av, Chicago, Ill.
Whitney, Frederick, carriages, Ayer, Mass.
Whitney, Geo. A., Co., mill & facty. supplies Lewiston, Me.
Whitney Glass Wks., Glassboro, N. J.
Whitney Hardware Co., Albuquerque, N. M.
Whitney Harrison A., architect, Geur's bldg., Portland, Ore.
Whitney Harry E., contrs., Lockport, N. Y.
Whitney, H. W., excelsior, 305 S. La Salle, Chicago, Ill.
Whitney, Hy., & Co., whisk brooms, Amsterdam, N. Y.
Whitney Iron Works, 849 Tchoupitoulas, New Orleains, La.
Whitney, J. F., & Co., chalk imp., 8H Bridge, New York
Whitney, Jas. E., fishing poles, 88 Broad, Boston, Mass.
Whitney, L. J., architect, Springville, Utah.
Whitney Machine Co., tannery machy., Winchester, Mass.
Whitney Mfg. Co., chains, keys, hand milling machs., Hartford, Conn.
Whitney Mfg. Co., cotton sheetings, Whitney, S. C.
Whitney Metal Tool Co., punches, hand power shears, etc., Rockford, Ill.
Whitney, Reed Corp., toys, games & nov., Leominster, Mass.
Whitney & Sloo Co. (Ltd.), horse collars, 733 Tchouptioulas, New Orleans, La.
Whitney Supply Co., machy. dlrs., mill, facty. & steam fitters' supplies, 418 S. Peters, New Orleans, La.
Whitney W. A. Mfg. Co., metal punches, 715 Park av, Rockford, Ill.
Whitney, Wm. Channing, architect, Builders Exch., Minneapolis, Minn.
Whitney, Wm. P., architect, Peoples' Gas Bldg., Chicago, Ill.
Whitney Window Corp., hardware mfrs., Minneapolis, Minn.
Whiton, Aug. S., architect, 101 Park av, New York.
Whiton, D. E., Mfg. Co., centering machines, chucks & gear cutting machines & steam turbine mfrs., Howard & Oak, New London, Conn. *See adv index aat end of book.*
Whiton Hardware Co., Seattle, Wash.
Whiton & Haynes Co., contractors, 200 Devonshire, Boston, Mass.
Whiton & McMahon, architects, 36 Pearl, Hartford, Conn.
Whitselle Brick & Lumber Co., Corsicana, Tex.
Whitson, C. P., canned goods, Swannanoa, N. C.
Whitson, Geo. A., contr., Rushville, Ill.
Whitson, Jerre, Hardware Co., Cookeville, Tenn.
Whitttaker Chain Tread Co., chains, 12 Pearl, Boston, Mass.
Whittaker, Clark & Daniels Co., Inc., clays, paints, terra-alba, etc., 250 Front, New York.
Whittaker & Diehl, contractors, Harrisburg, Pa.
Whittaker, E. B., contractor, Huntington, Pa.
Whittaker, F. A., machst., Middleport, N. Y.
Whittaker, John, & Co., contractors, 51 Church, Detroit, Mich.
Whitted, T. B., machst., Charlotte, N. C.
Whittelsey, F. H., Co., paper & pulps mill, Windsor Locks, Conn.
Whittelsey & Whittelsey, naval architects, 17 Battery pl, New York.
Whittemore Bros. Corp., shoe polishes, Cambridge, Mass.
Whittemore-Hamm Co., airplanes, 130 Brookside av., Boston, Mass.
Whittemore, W. L., & Son, paint brushes, Hartford, Conn.
Whittemore Woodbury Co., shoemakers' wax, Charlestown, Boston, Mass.
Whittemore-Wright Co., beeswax, Charlestown, Boston, Mass.
Whitten, Horace E., htg. contrs., 9 Federal Court, Boston, Mass.
Whitten, J. O., Co., glue mfrs., 68 Western av, Boston, Mass.
Whitten & Ludewick, machsts., Fillmore, Ill.
Whittenton Mfg. Co., cottonades, Taunton, Mass.
Whittet, Barrett & Curtis, mill & facty. supplies, 59 Main Buffalo, N. Y.
Whittet, Jas., bldg. contr., Lowell, Mass.
Whittier-Coburn Co., plate glass, Howard & Beale, San Francisco, Cal.
Whittier Mach., Co., 34 India, Boston, Mass.
Whittier Mills, sash cords, Chattahoochee, Ga.
Whittington-Vaughan Co., pipe vises, Easton, Pa.
Whittington, W. L., & Co., canned goods, Hopewell, Md.
Whittington, W. R., & Sons, canned goods, Marion Station, Md.
Whittle, Chas L., diamond saws, 50 Congress, Boston, Mass.
Whittle Trunk & Bag Co., Knoxville, Tenn.
Whittlesey, Chas. F., architect, Haight & Clayton, San Francisco, Cal.
Whittlesey's H. C. Sons, leather valves, cups, Corry, Pa.
Whittock, J. M., crushed stone & lime, Harrisburg, Pa.
Whittredge, W. C., & Co., masons' & bldrs.' matls., Lynn, Mass.
Whitty, R. P., & Co., contractors, Union Trust Bldg., Washington, D. C.
Whitworth & Johnston, architects, 413 Engrs. bldg, Cleveland, O.
Whitworth, R. J., flour mills, Gleason, Tenn.
Wholey Boiler Wks., 95 Whipple, Providence, R. I.
Whomas, Walter H., architect, 106 S. 15th, Philadelphia, Pa.
Whooley, D. J., & Co., htg. contrs., Fitchburg, Mass.
Why Bros. & Co., knitted gloves & mittens, 5130 Wakefield, Phila., Pa.
Whyel Coke Co., bituminous, Uniontown, Pa.
Whyte, Oliver, & Co., wire cloth, 21 Cornhill, Boston, Mass.
Whyte, Wm. H., Constr. Co., Hackensack, N. J.
Whyte, Wm. R., contractor, 36 Oakland av, Jersey City, N. J.
Wiand, Wm. H., contractor, Pottstown, Pa.
Wiant & Barr Hardware Co., Parkersburg, W. Va.
Wiant, Herman L., contractor, Lancaster, Pa.

Wiard Mfg. Co., clothes washing machines, E. Avon, N. Y.
Wiard, O. M., architect, 101 Park av, New York
Wiard Plow Co., Batavia, N. Y.
Wiarda, Jno. C., & Co., chemicals & potash, 273 Greene, Brooklyn, N. Y.
Wibert's, A., Sons, Lumber & Shingle Co., Plaquemine, La.
Wible, R. B., & Son, brick, 3404 Old Yard rd, Phila., Pa.
Wiborg & Hanna Co., gum lbr. mfrs., Cleveland, Ohio.
Wiborg, Harry P., lbr., 2612 Un. Cent. Bldg., Cincinnati, O.
Wicaco Screw & Mach. Wks., 4801H Stenton av, Phila., Pa.
Wichert, E. M., Co., contractors, Hartje Bldg., Pittsburgh, Pa.
Wichita Automobile Co., Wichita, Kans.
Wichita Casket Co., Wichita, Kans.
Wichita Cotton Oil Co., meal, Wichita Falls, Tex.
Wichita Falls Brick & Tile Co., Wichita Falls, Tex.
Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
Wichita Falls Fdry. & Mach. Co., Wichita Falls, Tex.
Wichita Fdy. Co., Wichita, Kan.
Wichita Mattresses Co., Wichita, Kans.
Wichita Motors Co., auto. trucks & farm tractors, Wichita Falls, Texas
Wichita Sash & Door Co., Wichita, Kans.
Wichita Supply Co., mill & facty. supplies, Wichita, Kan.
Wichita Tractor Co., Wichita, Kan.
Wichita Trunk Co., Wichita, Kans.
Wichman, H. G., architect, Babylon, N. Y.
Wick, Geo. W., architect, 50 Locust, Flushing, N. Y.
Wick, Herman, architect, 200 5th av, New York
Wick Narrow Fabric Co., tapes, braids & cords, 931 Market, Philadelphia, Pa.
Wick, P. S., Co., pianos, N. St. Paul.
Wickersham Shingle Co., lumber, Wickersham, Wash.
Wickes, A. F., architect, Gary, Ind.
Wickes Boiler Co., Saginaw, Mich.
Wickes Bros., mill & facty. supplies, lathes, etc., 512 N. Tilden, Saginaw, Mich.
Wickes, John C., Co., mill & facty. supplies, 189 Montague, Brooklyn, N. Y.
Wickes Machy. Co., rock drills, Jersey City, N. J.
Wickham Bros., contractors, Council Bluffs, Iowa.
Wickham Cut Glass Co., Scranton, Pa.
Wickham, E. A., & Co., contractors, Council Bluffs, Iowa.
Wickham Piano Plate Co., Springfield, Ohio.
Wicks & Compton, soap, Woodstock, Ill.
Wicks & Hopkins, architect, 110 Franklin, Buffalo, N. Y.
Wicks, J. E., architect, Astoria, Ore.
Wicks, M. O. Mfg. Co., plasterers' steel corner beads, Glen Cove, N. Y.
Wicks Pipe Organ Co., Highland, Ill.
Wickwire Bros., nails, wire cloth, etc., Cortland, N. Y.
Wickwire Spencer Steel Corp., wire cloth, wire rope & wire specialties, Worcester, Mass. *See adv. index at end of book*
Wickwire Steel Co., see Wickwire Spencer Steel Corp. (successors).
Wico Electric Co., igniters, 132 Liberty, Springfield, Mass.
Wicomico Lbr. Co., Williamston, N. C.
Widdall, H. S., contractor, Avoca, Pa.
Widdall, J. A., contractor, Avoca, Pa.
Widder, F. E., Co., gray iron castings, Canton, O.
Widdicomb Furn. Co., Dept. H, Grand Rapids, Mich.
Widdicomb, John Co., furniture, Dept. H, Grand Rapids.
Widdicomb Reed Co., belt dressings, Vestaburg, Mich.
Widdowson, J. M., masons' & bldrs.' matls., Carrolton, Ill.
Widger & Miller Co., steamfitters' supplies, 141H Milk, Boston, Mass.
Widman, J. C., Bookcase Co., 1143-14th, Detroit, Mich.
Widmann & Walsh, architects, 417 Wainwright Bldg., St. Louis, Mo.
Widmark, H. P., & Son, sash, door & blind, Ludington, Mich.
Widmer Bros., Machsts., Paterson, N. J.
Wiebel, L. H., insulator pins, Hagerstown, Md.
Wieben, John, Co., washers, oil filters, etc., 2051 Lex. av, New York.
Wiebmer, Anton, machsts., Quincy, Ill.
Wieboldt Construction Co., 1534 W. Van Buren, Chicago, Ill.
Wieboldt, R. C., contr., W. 44th & S. Bishop, Chicago, Ill.
Wiebusch & Hilger, Ltd., whol. hdwe., 106 Lafayette, New York.
Wiedeke, Gustav, & Co., boiler makers' tools, Dayton, Ohio.
Wiedemann, H. E., chemists, Chemical Bldg., St. Louis, Mo.
Wiedenbeck-Dobelin Co., mill & facty. supplies, Madison, Wis.
Wiedenman, W. C., cornices, 1820 Harrison, Kansas City, Mo.
Wieder, L. A., & Sons, contractors, Allentown, Pa.
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.
Wiederholdt Constr. Co., chimneys & towers, H, Bank of Commerce Bldg., St. Louis, Mo.
Wiedmaier, F. W., architect, Campau Bldg., Detroit, Mich.
Wiedmann-St. Louis Cigar Box Co., 1117 N. B'way, St. Louis, Mo.
Wiegert Construction Co., Bushnell, Ill.
Wiegner, H. J., architect, Bethlehem, Pa.
Wiegner, K. Co., see King Bedding Co. (successors).
Wiegund, W., architect, 45 W. 34th, New York.
Wiehle Bros. Soap Wks., Ironton, Ohio.
Wieman, H., & Sons, carriages, Lexington, Ky.
Wieman, Wm. & Co., coke dlrs. Union Arcade Bldg., Pittsburgh, Pa.
Wieneke-Hoerr Co., canned goods, Dubuque, Iowa.
Wiener- Barnet Co., brass fndrs., 328 Adams, Newark, N. J.
Wiener, Jerome L., architect, 4107 Grand blvd., Chicago, Ill.
Wiese Elec'l Appliance Co., humidifying app., 3217 Lisbon av, Milwaukee, Wis.
Wiest, Geo., buckwheat flour, Fort Atkinson, Ia.
Wiest Mach. Co., York, Pa.
Wiggenhauser, Wm., contr., Beecher, Ill.
Wiggers & Froelick, jwlry. cases, 8 Dutch, New York.
Wiggin, Burton H., Co., bldg. contrs., Lowell, Mass.
Wiggin Crushed Stone & Sand Co., Germantown, O.
Wiggin, H. D., lumber. Fiske Bldg., Boston, Mass.
Wiggin, H. H. & Co., lbr., 50 Terminal, Boston, Mass.
Wiggins, E. W., masons' & bldrs.' matls., Shelby, O.
Wiggins, Fred B., packing box mfrs., Cleveland, Ohio.
Wiggins, H. B., Sons Co., wall coverings, Bloomfield, N. J.
Wiggins, Jno. B., Co., loose leaf devices, 1104 S. Wabash av, Chicago, Ill.
Wiggins, John R., & Co., contractors, 1215 Filbert, Phila., Pa.
Wiggins, Paul N., architect, Charleston, W. Va.
Wigginton, Jas. D., masons' & bldrs.' matls., Evanston, Ill.
Wigham & Blackledge, architects, 422 K. of P., Indianapolis, Ind.

Wight & Lipe, see Wight Machy. Wks. (successor).
Wightman, Lucius I., advtg. counsellor, 50 Union sq, New York.
Wight Machy. Wks., San Jose, Cal.
Wight, Oliver B., Munsey Bldg., Baltimore, Md.
Wight, W. N., & Co., concrete reinf. mtls., 5 Beekman, New York.
Wight & Wight, architects, Tulsa, Okla.
Wight & Wight, architects, 1st Nat'l Bk. Bldg., Kansas City, Mo.
Wight, Wm. E., contractor, 78 Bowdoin, Boston, Mass.
Wightman, Andrew, church spires repaired, Peekskill, N. Y.
Wigley, H. C., & Bro., canned goods, Millersville, Md.
Wigman Curtis Co., plumbers' supplies, jobbers, Sioux City, Ia.
Wigmore, John, & Sons Co., mill & factory supplies, N. E. cor. 4th & San Pedro, Los Angeles, Cal.
Wignall, C. L., architect, Port Arthur, Tex.
Wike & Sundiro, contrs., 211 State, Bridgeport, Conn.
Wikstrom, W., contrs., Montclair, N. J.
Wilbert, Jno., oil well supplies, Petroleum Center, Pa.
Wilbert's, A., Sons Lumber & Shingle Co., Plaquemine, La.
Wilborn, Jas., Jr., sash, door & blind mfrs., 2700 W. Superior, Chicago, Ill.
Wilbraham-Green Blower Co., Pottstown, Pa.
Wilbur Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.
Wilbur Corp., tool chests, New Haven, Conn.
Wilbur, Edwin, architect, 507 5th av, New York.
Wilbur, F. C., Lumber Co., Grayslake, Ill.
Wilbur, J., Co., clays, paint grinders, etc., Providence, R. I.
Wilbur Job Co., paint mfrs., Ft. E. Tioga, Phila., Pa.
Wilbur Lumber Co., Pabst Bldg., Milwaukee, Ws.
Wilburine Oil Wks., 11 B'way, New York.
Wilburn, Miss L. R., architect, Peters Bldg., Atlanta, Ga.
Wilby, Carlton, naval architect, 68 Peterboro, Detroit, Mich.
Wilby, Wm., Estate, leather belting, 68 Washington, Lowell, Mass.
Wilce Flooring Co., 2209 S. Throop, Chicago, Ill.
Wilce, John, stone, 223 16th Milwaukee, Wis.
Wilce, T. Co., see Wilce Flooring Co. (successors).
Wilckes, J., Co., steel, 135 William, New York.
Wilckes, Martin, Wilckes Co., coal tar, oils, lamp black, 135 William, New York.
Wilcox, Asa C., mason, Stonington, Conn.
Wilcox, D. Mfg. Co., carriage hdwe., Mechanicsburg, Pa.
Wilcox, E. A. Mfg. Co., gaskets, 6330 Stony Island av, Chicago, Ill.
Wilcox, Bennett, Carburetor Co., 1030 Marshall, Minneapolis, Minn.
Wilcox Bros. Lbr. Co., 930 Marshall, N. E., Minneapolis, Minn.
Wilcox Bros. Mfg. Co., wood handles, Lebanon, Ind.
Wilcox, C. S., contractor, Lansing, Mich.
Wilcox, Crittenden & Co., Inc., marine & awning hardware & grey & malleable iron & brass castings, Middletown, Conn. *See adv. index at end of book.*
Wilcox, D. T., cornices & skylights, Fall River, Mass.
Wilcox, Donahue, & Co., machsts., Westerly, R. I.
Wilcox, E. A., Mfg. Co., gaskets, packing mfrs., 6330 Stony Island av, Chicago, Ill.
Wilcox Fertilizer Co., Mystic, Conn.
Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
Wilcox Glass Co., Kane, Pa.
Wilcox Hdwe. Co., mill & facty. supplies, Adrian, Mich.
Wilcox, H. E., Motor Co., 1030 N. E. Marshall, Minneapolis, Minn.
Wilcox Hardware & Iron Co., 406 N. Gay, Baltimore, Md.
Wilcox & Harvey, cattle markers, ear tags, 564-72 W. Randolph, Chicago, Ill.
Wilcox, J. B. & Co., lbr., Burdett, Miss.
Wilcox, Jos., horn combs, Athol, Mass.
Wilcox, Louis N., & Son, whol. hdwe., 414 N. Gay, Baltimore, Md.
Wilcox, M. I., Co., mill & factory supplies, 216 Water, Toledo, Ohio.
Wilcox Mfg. Co., hdwe. mfrs., 507 Arch, Philadelphia, Penn.
Wilcox Mfg. Co., machsts., 4824 W. Lake, Chicago, Ill.
Wilcox Motor & Mfg. Co., gas engines, jigs & fixtures, Saginaw, Mich.
Wilcox Shingle Co., lumber, Aberdeen, Wash.
Wilcox Silver Plate Co., Meriden, Conn.
Wilcox Stanley, masons' & bldrs.' matls., Jackson, Mich.
Wilcox, Tom, Plumbing & Supply Co., heating contrs., Chattanooga, Tenn.
Wilcox, W. R. B., architect, Boston blk., Seattle, Wash.
Wilcox, W. W. Co., badges, cylinders, dies, 1735 Armitage av, Chicago, Ill.
Wilcox & White Co., organs, pianos, Meriden, Conn.
Wilcoxen, C. F., cornices, Huntington, W. Va.
Wilcoxon & Brown, sash, door & blind, Frederick, Md.
Wild Bros. Hardware Co., Evergreen, Ala.
Wild, Geo., architect, Johnstown, Pa.
Wild, Jos., & Co., rugs & linoleums, 366 5th av, New York.
Wild Rice Lbr. Co., Ada, Minn.
Wildberg Bros., smelters & refiners, Pacific bldg., San Francisco, Cal.
Wilde, Samuel H., architect, Bay State Bldg., Lawrence, Mass.
Wilde & Schmidt, stone, 21st W. of Marshall blvd, Chicago, Ill.
Wilde, Wm., architect, 14 Montgomery, San Francisco, Cal.
Wilde, Wm., fertilizer mfrs., Vineland, N. J.
Wildell Lumber Co., Elkins, W. Va.
Wilder, Chas. W., machsts., Fitchburg, Mass.
Wilder & Co., boot counters, 228 W. Lake, Chicago, Ill.
Wilder, E. D., & Co., lbr., Brazil, Ind.
Wilder, H. H., & Co., cornices, Lowell, Mass.
Wilder, J. E., lumber, Auburn, Wash.
Wilder Mfg. Co., asbestos gaskets, toys, games & nov., 17th & Clinton, St. Louis, Mo.
Wilder Metal Coating & Mfg. Co., alu. coated nails, steel sheets & wire, Connellsville, Pa.
Wilder-Pike Thermometer Co., Troy, N. Y.
Wilder, S. A., & Son, sash, door & blind, Albion, Mich.
Wilder Sidney & Co., mchsts. & fdrs., Holliston, Mass.
Wilder-Strong Implement Co., Monroe, Mich.
Wilder & White, architects, 50 Church, New York.
Wildermith Bending Co., neck yokes, rims, wagon spokes, etc., Columbus, Ohio.
Wilderness Lbr. Co., Charleston, W. Va.
Wildeson, L., & Son, contractors, Mansfield, Ohio.
Wildhagen, Henry, architect, Ashland, Wis.
Wildhagen, Herman, architect, Appleton, Wis.
Wilde, John, Evaporated Milk Co., canned, Columbus, Ohio.
Wilding, J. T., architect, 5125 S. Normandie av, Los Angeles, Cal.
Wildman, Aug., contractor, Harrisburg, Pa.
Wildman Boiler Wks., 3026 Carroll av, Chicago, Ill.
Wildman Mfg. Co., cutting machs. for fabrics, Norristown, Pa.
Wildman-Treherne Co., druggists bottles, corks & glass stoppers, 85 Franklin, New York.
Wildwood Builders' Co., Fort Wayne, Ind.
Wile Electric Furnace Co., Liberty, 5th & Penn av (Jenkins Arcade), Pittsburgh, Pa.
Wileman & Helbling, contractors, Ironton, Ohio.
Wiles, A. M., & W. H., Co., mchsts. & fndrs., Grassy Point, N. Y.
Wiles, H. A., contractor, Youngstown, Ohio.
Willey, C. A., Co., paint & Varnish mfrs., Hancock, Long Island City, N. Y.
Wiley & Co., chemists, 904 N. Calvert, Baltimore, Md.
Wiley, Edw. T., architects, 75 Platt, Hartford, Conn.
Wiley, E. W., Jr., masons' & bldrs.' matls., Lecompte, La.
Wiley Fertilizer Co., Troy, Ala.
Wiley, I. H., Waxene Co., floor polish, 68 Dover, W. Boston, Mass.
Wiley Milling Co., flour, Fredonia, Kan.
Wiley, R. B., contr., Sparta, Ga.
Wiley & Russell Mfg. Co. (See Greenfield Tap & Die Corporation). Greenfield, Mass.
Wilfong, Millard F., Iron Wks. Co., annealing boxes & galvanizing kettles, 52d & Grays av, Philadelphia, Pa.
Wilgus, Jno. M., architect, 102 E. State, Ithaca, N. Y.
Wilgus Mfg. Co., pumping systems, 229 Boyd, Los Angeles, Cal.
Wilhelm, A., Co., paint & varnish mfrs., Reading, Pa.
Wilhelm, A. H., contractor, 180 Jessie, San Francisco, Cal.
Wilhelm Furn. Co., Dept. H, Sturgis, Mich.
Wilhelm, H., elec. supplies, 70 Frost, Brooklyn, N. Y.
Wilhelm, Henry, glue, 136 10th, Pittsburgh, Pa.
Wilhelm, J. Frank, cornices, 1050 Myrtle av, Baltimore, Md.
Wilhelm, Karl E., architect, Massillon, Ohio.
Wilhelmi, Otto J., architect, 406 Market, St. Louis, Mo.
Wilhelms, H., Inc., bldg. contrs., Elizabeth, N. J.
Wilhoit, J. F., architect, H, Healy Bldg., Atlanta, Ga.
Wilhoit Refining Co., petroleum & its products, Springfield, Mo.
Wilk & Co., contrs., Rushville, Ind.
Wilkens, Geo. H., hdwe. specialties, 180 N. Market, Chicago, Ill.
Wilkens, Wm., Co., brush fibre, Frederick av & Wilkens, Baltimore, Md.
Wilker, Edward F., architect, 1619 Locust, Toledo, Ohio.
Wilkes-Barre Iron Mfg. Co., machsts. & fndrs., mine car wheels, etc., Wilkes-Barre, Pa.
Wilkes-Barre Iron & Wire Wks. Co., Inc., ornamental iron, Coal Exchange Bldg., Wilkes-Barre, Pa.
Wilkes-Barre Masons' Supply Co., Wilkes-Barre, Pa.
Wilkes-Barre Paint Co., Wilkes-Barre, Pa.
Wilkes-Casy Engineering & Contracting Co., New Rochelle, N. Y.
Wilkesboro Mfg. Co., sashes, doors & blinds, N. Wilkesboro, N. C.
Wilkey Art Co., advtg. novelties, 3115 Sacramento blvd, Chicago, Ill.
Wilkey & Baker, contrs., Uniontown, Pa.
Wilkin-Challoner Co., saw mill machy., Oshkosh, Wis.
Wilkins, G. H., cutters, 57 W. Lake, Chicago, Ill.
Wilkins, Geo. H., window shade adjuster, 180 N. Market, Chicago, Ill.
Wilkins, J. D., contrs. supplies, Greensboro, N. C.
Wilkins-Leonard Hardware Co., Youngstown, Ohio.
Wilkins Mfg. Co., textile machy. supplies, etc., Woonsocket, R. I.
Wilkins Trunk Mfg. Co., Dallas, Tex.
Wilkins, W. G. Co., architects & engineers, Westinghouse bldg, Pittsburgh, Pa.
Wilkins, W. P. Co., mill & facty supplies, Newport News, Va.
Wilkinson, A. J., & Co., mill & facty. supplies, wholesale hdwe., 184 Washington, Boston, Mass.
Wilkinson, A. L., & Co., masons' & bldrs.' matls., Bement, Ill.
Wilkinson, Allen A., Lbr. Co., Indianapolis, Ind.
Wilkinson & Crane, architects, Reliance bldg, Kansas City, Mo.
Wilkinson, E. D., & Co., mill & facty. supplies, 48 Exchange pl, Providence, R. I.
Wilkinson, G. A., canned goods, Nottingham, Pa.
Wilkinson, Henry, architect, 114 E 28th, New York.
Wilkinson, J. C., machst. & fndr., Shawnee, Okla.
Wilkinson, J. Lee, architect, 9 Ten Broeck, Albany, N. Y.
Wilkinson, Jos. R., contractor, 3326 N, N. W., Washington, D. C.
Wilkinson Machine Co., Savannah, Ga.
Wilkinson Mfg. Co., ladders, Binghamton, N. Y.
Wilkinson, Pomeroy, masons' & bldrs.' matls., Peru, Ind.
Wilkinson, Seth, mach. wipers, Central Falls, R. I.
Wilkinson, W. H., Co., oil lubricators, etc., West Medway, Mass.
Wilkinsville Cotton Oil Co., meal, Wilkinsville, S. C.
Wilkoff Co., scrap iron, Youngstown, Ohio.
Wilkowski, Jos. A., architect, 2142 N. Leavitt, Chicago, Ill.
Wilks, S., Mfg. Co., air receivers & heaters, 3517 Shields av, Chicago, Ill.
Will & Baumer Co., candles, Syracuse, N. Y.
Will-Burt Co., vises, Orrville, Ohio.
Will Corp., photographic chemicals, Rochester, N. Y.
Will, J. E. Co., furniture, Dept. H, Bloomington, Ill.
Will & Kerr, masons' & bldrs.' matls., Shelby, Ohio.
Will & Sixbury, canned goods, Cleveland, N. Y.
Willamette Box & Lbr. Co., Luinton, Portland, Ore.
Willamette Casket Co., Tacoma, Wash.
Williamson Glue & Gum Wks., 220 W. Huron, Chicago, Ill.
Willapa Harbor Fish Co., canned goods, So. Bend, Wash.
Willapa Harbor Sand & Gravel Co., Raymond, Wash.
Willapa Logging & Timber Co., lumber, South Bend, Wash.
Willapa Lumber Co., Raymond, Wash.
Willard, Boggs & Co., contractors, Spartanburg, S. C.
Willard-Brent Co., contractors, 412 W. 6th, Los Angeles, Cal.
Willard, C. T., Co., brick, 110 E. 23d, New York.
Willard Canning Co., Ogden, Utah.
Willard, Chas. H., lbr., Townshend, Vt.
Willard, Chas P., & Co., machsts. & fndrs., Wilmington Harbor Ill.
Willard, Daniel W., architect, Redlands, Cal.
Willard Middletown Mach. Co., Covington, Ky.
Willard Mfg. Co., canvas aprons, etc., St. Albans, Vt.
Willard Pen Co., 70 5th av, New York.
Willard Sons & Bell Co., see Pollak Steel Co. (successors).
Willard Storage Battery Co., E. 131st & St. Clair, Cleveland, O.
Willard, W. H., & Co., mill & facty. supplies, Worcester, Mass.
Willard, Wm. G., machsts & fndrs. & steel range mfrs., 316 Chestnut, St. Louis, Mo.
Willaredt, Geo., architect, 411 23d, West New York, N. J.
Willatzen, Andrew C. P., architect, Boston Blk., Seattle, Wash.
Willbarger, J. L., masons' & bldrs.' matls., Bastrop, Tex.

Willbas, Gustaf, stone cutters' tools, Quincy, Mass.
Willcomb, Geo., Co., tex. machy. (hair pickers), 60 Chardon, Boston, Mass.
Willcox Engng. Co., 1525 Holland av, Saginaw, Mich.
Willcox, Ives & Co., fertilizer mfrs., Savannah, Ga.
Willcox, W. R. B., architect, Boston blk., Seattle, Wash.
Willcutt, G. L., wood handles, Plainfield, Mass.
Willcutt, L. D., & Sons Co., contractors, 146 Sumner, Boston, Mass.
Willemin Mfg. Co. (Inc.), special machinery & tools, 181 Eddy, Providence, R. I.
Willenbockel, L. A., architect, 509 Bay, Chippewa Falls, Wis.
Willer Mfg. Co., weather strips & screens, 401 4th, Milwaukee, Wis.
Willets Co., glass house clay supplies, 10th & Bradford, Pitts-
Willett & Brown, brick, Bristol, Wis.
Willett & Burr, contractors, Sheldon Bldg., San Francisco, Cal.
Willett & Camp Co., contractors, Spokane, Wash.
Willey, A. L., contractor, Binghamton, N. Y.
Willey, C. L., lumber mfrs., 2558 S. Robey, Chicago, Ill.
Willey Co., laundry machy., 1222 Race, Philadelphia, Pa.
Willey, O. H., mfrs. wood handles, Bryan, O.
Willey-Wray Elec. Co., machy dlrs, 118H W 3d, Cincinnati. Ohio
Willhitte Lumber Co., Wright Bldg., St. Louis, Mo.
William, Charles A., architect, Jacobus, Pa.
William, Fred H., architect, Coeur d'Alene, Idaho.
William, Geo., architect, Coeur d'Alene, Idaho.
William, Harry, & Son, carriages, Ogontz, Pa.
William & Moore, soap, Stockton, Cal.
Williamette Iron & Steel Wks., boilers, engines & tanks, Portland, Ore.
Williamette Valley Lbr. Co., Dallas, Ore.
Williams, A. C., Co., hardware mfrs., Ravenna, Ohio.
Williams, A. G., & Co., sashes, doors & blinds, Taunton, Mass.
Williams, A. S., & Co., masons' & bldrs.' matls., Bay City, Mich.
Williams, Alex. O., lbr., 6th & Berks, Philadelphia, Pa.
Williams, Arthur A., Shoe Co., Holliston, Mass.
Williams, Arthur H., & Son, contractors, 419 Locust, Phila., Pa.
Williams, B. A. & G. N., stone, Walnut av & 133d, New York.
Williams, B. S., & Son, canned goods, Buchanan, Va.
Williams-Bowman Rubber Co., packing mfrs., 1947 S. 54th av, Chicago, Ill.
Williams Bridge Co., contrs., Syracuse, N. Y.
Williams & Bridges Co., packing mfrs., Worcester, Mass.
Williams Bros., architects, Kresge Bldg., Detroit, Mich.
Williams Bros., Constr. Co., Roanoke, Va.
Williams Bros., flour mills, Limestone, Tenn.
Williams Bros., lbr., Guy Mills, Pa.
Williams Bros. Co., canned goods, Williams sq., Detroit, Mich.
Williams Bros, Co., flour mill, Kent, Ohio.
Williams Bros. Co., lbr., Cadillac, Mich.
Williams Bros. Lbr. Co., Oberlin, La.
Williams Bros. Mfg. Co., cutlery mfrs., Glastonbury, Conn.
Williams Bros., well drilling machy., Ithaca, N. Y.
Williams, Brown & Earle, architects' & engrs'. reading glasses, instruments, 918 Chestnut, Philadelphia, Pa.
Williams, C. A., lumber, Warwick, Mass.
Williams, C. E., Brick Co., San Antonio, Tex.
Williams, C. K., & Co., dry colors & fillers, Easton, Pa. *See adv. index at end of book.*
Williams, C. M., architect, Grand av., Temple Bldg., Kansas City, Mo.
Williams, C. M., contractor, Norwich, Conn.
Williams, C. Milo, architect, Hennen Bldg., New Orleans, La.
Williams, Carl H., architect, Land Title Bldg., Philadelphia, Pa.
Williams, Chas., & Co., stone producers, Bigelow, N. Y.
Williams, Chas. E., contractor, St. Joseph, Mich.
Williams, Chas. F., Stamp Co., stencils, 38 Chardon, Boston, Mass.
Williams, C. M., contr., Sioux City, Ia.
Williams Cliff Machine Co., Meridian, Miss.
Williams & Co., Inc., metals & nickel, 901-907 Pennsylvania av, N. S., Pittsburg, Pa. *See adv index at end of book.*
Williams Const. & Repairing Co., freight elev., 308 Clark, St. Louis, Mo.
Williams & Cullinan, htg. contrs., Yonkers, N. Y.
Williams, D. D., architect, 390 George, New Brunswick, N. J.
Williams, D. L., architect, Chamber of Com. Bldg., Portland, Ore.
Williams, D. T., Valve Co., Cincinnati, Ohio.
Williams, David J., stone, Perth Amboy, N. J.
Williams Drop Forging Co., Scranton, Pa.
Williams, E. A., & Son, bell fndrs., castings, etc., 109 Plymouth, Jersey City, N. J.
Williams, E. H., Lumber Co., Fort Dodge, Iowa.
Williams, E. I., & Co., flour mills, Sanders, Ky.
Williams, E. L., architect, Mount Sterling, Ky.
Williams, E. Q., induction & spark coils, Syracuse, N. Y.
Williams, E. R., architect, Hoge bldg, Seattle, Wash.
Williams, E. S., contractor, Scranton, Pa.
Williams, Elwood, architect, 507 5th av, New York.
Williams, F. B., Co., hdwe. mfrs., 507 E. 39th, Chicago, Ill.
Williams, F. B., Cypress Co., Ltd., Patterson, La.
Williams, Finney & Belke, contrs., Scranton, Pa.
Williams Foundry Co., Vineland, N. J.
Williams, Foundry & Machine Co. (The), Akron, Ohio. *See adv. index at end of book*
Williams Fndry. & Mach. Wks., Cumberland, Md.
Williams, Frank, contractor, 701 S. 58th, Philadelphia, Pa.
Williams, Frank. C., flour mills, Easton, Pa.
Williams, Franklin, Inc., valves, exhaust, heads, swing joints, 37 Cortlandt, New York.
Williams, Franklin D., contractor, Taunton, Mass.
Williams & Freedman, scrap iron, Harrisburg, Pa.
Williams, G., architect, Franklin, Tenn.
Williams, G. H., Co., excavating buckets, Erie, Pa.
Williams & Barratt, architects, 8 W 33rd, New York.
Williams, G. M., Co., mill & facty. supplies, whol. hdwe., New London, Conn.
Williams, G. N., canned goods, Cutler, Me.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Williams, Geo. A., & Son, wire cloth, steel wire mats, bank railings, 85 Fulton, New York.
Williams, Geo. C., architect, Wytheville, Va.
Williams Grove Brick Co., 112 S. 16th, Philadelphia, Pa.
Williams, Guy V. Co., Inc., incandescent lamp coloring, 686 Eleventh av, New York.
Williams, H. A. (Est. of), wood handles, Hancock, N. Y.
Williams, H. D. Cooperage Co., Montgomery, Ala.
Williams, H. H., contractor, Burlington, N. J.
Williams, H. H., & Co., masons' & bldrs.' matls., Wauseon, Ohio.
Williams, H. R., lbr. mfrs., Aloha, La.
Williams, H. R., Mill Supply Co., 103 Mass Bldg., Kansas City, Mo.
Williams Hardware Co., 100 2d av, Minneapolis, Minn., & Clarksburg, W. Va.
Williams Hdwe. Co., whol. hdwe., masons' & bldrs.' & steam fitters supplies, 113H, Vermillion, Streator, Ill.
Williams, Henry M., machsts. & fndrs., Vincennes, Ind.
Williams, Homer, lumber, Thomasville, Ga.
Williams, Howard S., contr., Hearst bldg., San Francisco, Cal.
Williams & Hunting Co., lbr. mfrs. & store fixtures, Cedar Rapids, Iowa.
Williams & Hurd, wood handles & brush blocks, West Arlington, Vt.
Williams, I. B., & Sons, packing mfrs., belts, straps, etc., Dover, N. H.
Williams, Ichabod T. & Sons, veneer mfrs., 73 E. 9th, Chicago, Ill.
Williams, I. T. & Sons, lbr., 11th av. & 25th, New York.
Williams, J. A. & Co., whol. hdwe., 115 7th av, Pittsburgh, Pa.
Williams, J. B., Co., soap, 31 W. 4th, New York.
Williams, J. C., architect, New York Life Bldg., Kansas City, Mo.
Williams, J. C., Jr., architect, Moore Bldg., San Antonio, Tex.
Williams, J. G., Constr. Co., 519 California, San Francisco, Cal.
Williams, J. H., & Co., contractors, Newport News, Va.
Williams, J. H., & Co., drop forgings & drop-forged tools—31 Richards, Brooklyn, N. Y. *See adv. index at end of book.*
Williams, J. H., Co., mill & facty. supplies, Millbury, Mass.
Williams, J. H., & Co., lbr., Commercial Trust Bldg., Phila., Pa.
Williams, J. L. & Sons, lbr., Bearden, Ark.
Williams, J. R., lbr., Citra, Fla.
Williams, J. V., brick, Uniontown, Pa.
Williams, John, architect, 97 Merrimack, New Bedford, Mass.
Williams, Jno., Inc., brass & bronze fndrs., 556 W. 27th, New York.
Williams, John P., flour mills, Harrodsburg, Ky.
Williams & Johnson, architects, Ogdensburg, N. Y.
Williams, Jos. Co., soap, insecticides, etc., Sharpsburg, Pa.
Williams, L. E., & Co., lbr. sash, door & blind mfrs., Salisbury, Md.
Williams Lbr. Co., Pouchatoula, La.
Williams & Little Co., contractors, 2046 E. 88th, Cleveland, O.
Williams, Luke, bldg. contr., Auburn, N. Y.
Williams Lumber Co., sashes, doors & blinds, Fayetteville, Tenn. & Lawrenceville, Ga.
Williams & McIntyre Co., brick, Marysville, Ohio.
Williams, M. A., htg. contrs., Norfolk, Va.
Williams & Makuken, architects, 8 W. 33rd, New York.
Williams & Merchant, contrs., Hospital Trust bldg, Providence, R. I.
Williams Mfg. Co., agricultural implements, Macon, Ga.
Williams Mfg. Co., baskets, Northampton, Mass.
Williams Mfg. Co., cements, Camden, N. J.
Williams Mfg. Co.,, metal polish, Westerville, Ohio.
Williams Mfg. Co. (Ltd.), machsts., Plattsburg, N. Y.
Williams Map & Guide Co., 325 Lafayette, New York.
Williams, Miles & Bro., canned goods, Fruit Dale, Ind.
Williams, N. A., Co., masons' & bldrs.' matls., 133 W. Washington, Chicago, Ill.
Williams, N. W., contr., Pensacola, Fla.
Williams, O. B., Co., sash, door & blind mfrs., Seattle, Wash.
Williams, O. G., Co., advtg. novelties, 64 W. Randolph, Chicago, Ill.
Williams, O. J., architect, 2211 Clematis av, West Palm Beach, Fla.
Williams Oven Mfg. Co., 150 Nassau, New York.
Williams, O. W., architect, 2113 Magazine, Louisville, Ky.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Williams Piano & Organ Co., 14 W. Washington, Chicago, Ill.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, Ohio.
Williams & Poore, cornices, tea urns, 22 Medford, Boston, Mass.
Williams, R. A. & G. N., stone prod., Mill & Orchard, Astoria, L. I., N. Y.
Williams, R. B., flour mills, Andersonville, Tenn.
Williams, R. J., Slate Co., roofing slate mfrs., Granville, N. Y.
Williams, Richard, architect, 185 Church, New Haven, Conn.
Williams, Robt. E., contractor, Iroquois Bldg., Buffalo, N. Y.
Williams, Robert E., architect, 26 S. 3d, Harrisburg, Pa.
Williams, Roger, htg. contr., 120 W. 32d, New York.
Williams, S. A., Lumber Co., sashes, doors & blinds, Atlanta, Ga.
Williams, S. C., & Co., cooperage stock, East Liverpool, Ohio.
Williams, S. G., & Co., contractors, Norfolk, Va.
Williams, S. W., fndrs., Elkhart, Ind.
Williams & Scott, flour mills, Etoile, Ky.
Williams Sealing Corp., bottle caps, Decatur, Ill.
Williams & Simpson, flour mills, Aspen Hill, Tenn.
Williams Slate Co., Mutual Bldg., Richmond, Va.
Williams Soap Co., 519 W. McCarthy, Indianapolis, Ind.
Williams Steel Wheel & Rim Co., Utica, N. Y.
Williams Stove Lining Co., Taunton, Mass.
Williams T. E., Lumber & Mfg. Co., Springfield, Mo.
Williams, T. H., architect, 207 Bleecker, Utica, N. Y.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.
Williams, Thos. F., htg. contrs., Bound Brook, N. J.
Williams Tool Co., Erie, Pa.
Williams & Van Roden, lbr. mfrs., 1345 Arch, Philadelphia, Pa.
Williams, W. A., contrs., Chicago Junction, Ohio.
Williams, W., & Co., dumb waiters, 312 E. 95th, New York.
Williams, W. D., machst., Jasper & Willard, Phila., Pa.
Williams, W. E., Co., lbr. mfrs., Traverse City, Mich.
Williams, W. H., & Co., masons' & bldrs.' matls., 100 Penn, Pittsburgh, Pa.
Williams, W. W., Co., contractors' tools, Brunson Bldg., Columbus, Ohio.
Williams, W. Ward, architect, Magee Bldg., Pittsburgh, Pa.
Williams, W. Z., Co., contractors, Macon, Ga.
Williams Wagon Wks., carriages, Macon, Ga.
Williams, Walter, architect, 2 W. 33rd, New York.
Williams & Wells Co., packings, sponges & valves, 253 Fulton New York.
Williams & Wells Co., contrs' supps., 248 Fulton, New York.
Wiliams-Wendt, flooring, 118 N. La Salle, Chicago, Ill.
Williams, White & Co., furnaces, forging, punching & shearing & riveting machines, presses, etc., Moline, Ill.
Williams, Wm., contractor, 86 Weybosset, Providence, R. I.

Williams, Wm. E., mill & facty. supplies, 62 Front, New York.
Williams, Wm. E., valves, 62 Front, New York.
Williams, Wm. G., contractor, 352 Jackson, Milwaukee, Wis.
Williams, Wm. H., Co., advtg. spec., Greenville, Ohio.
Williams, W. H., contr., 130 N. Wells, Chicago, Ill.
Williams, William, Jr., hdwe. mfrs., New Britain, Conn.
Williams & Williams, turpentine, Hurds, Fla.
Williamsburg Brass Fdry., ferrules, 517 Park av, Bklyn, N. Y.
Williamsburg Canning Co., Williamsburg, Ohio.
Williamsburg Chemical Co., colors, 230 Morgan av, B'klyn, N. Y.
Williamsburg Cork Wks., 50 Church, New York.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.
Williamsburg Knitting Mills, sweaters, cardigans, etc., 20 Bogart, Brooklyn, N. Y.
Williamsburg Mfg. Co., tool sets, Williamsburg, Mass.
Williamsburg Packing Co., canned goods, Williamsburg, Md.
Williamsburg Tinsmith Supply Co., plbr supplies, 3 Moore, Brooklyn, N. Y.
Williamson, Ben, & Co., whol. hdwe., Ashland, Ky.
Williamson Bros., Co., marine steering gears, Aramingo & Cumberland, Phila., Pa.
Williamson, C. F., masons' & bldrs.' matls., Media, Pa.
Williamson, C. T., Wire Novelty Co., picture hooks, Badger av, Newark, N. J.
Williamson & Co., chemicals, 28 Burling Slip, New York.
Williamson, Crow & Proctor, architect, 41 Monroe, Grand Rapids, Mich.
Williamson, D. D., & Co., boiler compounds, 86 Fulton, New York.
Williamson Fndry. Co., Marburg av, Oakley, Cincinnati, Ohio.
Williamson, Frank & Co., masons' & bldrs.' matls., Avondale, Pa.
Williamson, Geo. H., architect, Majestic Bldg., Denver, Colo.
Williamson, H. C., machy. dlr., band-saw machines, 321 N. Crawford av, Chicago, Ill.
Williamson, H. E., clothes, waching machines, 1340 Mission, San Francisco, Cal.
Williamson, H. M., canned goods, Nace, Va.
Williamson Hardware Co., Bluffton, Ind.
Williamson Heater Co., furnaces, etc., 339 W. 5th, Cincinnati, O.
Williamson, J. A., & Co., canned goods, Springwood, Va.
Williamson, J. E., Co., machsts. & fndrs., Bellwood, Pa.
Williamson, J. E., & Co., stone producers, Paducah, Ky.
Williamson, J. N., & Sons Co., cotton flannels, Burlington, N. C.
Williamson-Kuny Mill & Lumber Co., Mound City, Ill.
Williamson Pen Co., fountain pens, Janesville, Wis.
Williamson, R., & Co., elec. & gas light fixtures, 601 Washington blvd, Chicago, Ill.
Williamson, Robert B., architect, 19 S La Salle, Chicago, Ill.
Williamson, Russell Bar, architect, 405 Broadway, Milwaukee, Wis.
Williamson, T. W., architect, Central Bank Bldg., Topeka, Kan.
Williamson Veneer Co., Baltimore & 8th, Baltimore, Md.
Williamson, Wm. G., architect, 19 S. La Salle, Chicago, Ill.
Williamsport Furn. Co., Dept. H, Williamsport, Pa.
Williamsport Hardware & Stove Co., Williamsport, Pa.
Williamsport Hardwood Lumber Co., Williamsport, Pa.
Williamsport Joint Fastener Co., Williamsport, Pa.
Williamsport Leather Goods Co., belting, Williamsport, Pa.
Williamsport Mirror & Glass Co., Williamsport, Pa.
Williamsport Planing Mill Co., Williamsport, Pa.
Williamsport Radiator Co., Williamsport, Pa.
Williamsport Steam Co., htg. contrs., Williamsport, Pa.
Williamsport Wire Rope Co., Williamsport, Pa.
Williamston Cooperage Co., Williamston, N. C.
Williamsville Buff Mfg. Co., buffing wheels, Danielson, Conn.
Willig Bros., flour, Temple, Tex.
Willimantic Lumber & Coal Co., masons' & bldrs.' matls., Willimantic, Conn.
Willimantic Mach. Co., Willimantic, Conn.
Willing, Chas., architect, 1627 Ransom, Phila., Pa.
Willing, J. W., & Son, canned goods, Nanticoke, Md.
Willingham Cotton Mills, Macon, Ga.
Willingham, E. G., textile machy., Memphis, Tenn.
Willingham Mfg Co., furn., Dept H, Macon, Ga.
Willingham Sash & Door Co., Macon, Ga.
Willingham Stone Co., marble, Healey Bldg., Atlanta, Ga.
Willingham Tift Lumber Co., Atlanta, Ga.
Willingham's Warehouse, Macon, Ga.
Willis, B. F., architect, York, Pa.
Willis, C. J., toasters, Ann Arbor, Mich.
Willis, C. W., contractor, Pensacola, Fla.
Willis Co., smoking pipes, 76 Pilling, Brooklyn, N. Y.
Willis Coal & Mining Co., Fullerton bldg, St. Louis, Mo.
Willis Electric Co., elec. radiators, 4140 Euclid av, Cleveland, Ohio.
Willis, F. C. & Co., meat choppers, bone cutters, stencil cutting & special machy, 565 W Washington blvd, Chicago, Ill.
Willis, Geo., architect, Chandler bldg, San Antonio, Tex.
Willis, H. J., masons' & bldrs.' matls., Winona, Minn.
Willis, J. Swing, architect, 513 N. Charles, Baltimore, Md.
Willis, J. T., architect, Jackson, Miss.
Willis, Jno. A. See Tozer Engine Wks. (successor).
Willis Mfg. Co., skylight and ventilator combined, Galesburg, Ill.
Willis & Rumery Co., bldg. contrs., Portland, Me.
Willis & Sons, Co., cornices, Moline, Ill.
Willis, W. D., architect, Pensacola, Fla.
Willis, W. M. Carriage Wks., Ironton, O.
Willis, Wm. V., & Co., instruments, 134 S. 11th, Phila., Pa.
Willison, J. M., brick cutting wires, East Liverpool, Ohio.
Willison, Robert, architect, 200 Enterprise blk, Denver, Colo.
Williston, Chas. H., contractor, 171 Pleasant, Fall River, Mass.
Williston Mill Co., flour, Williston, N. D.
Williston, R. L., indelible ink mfr., Northampton, Mass.
Willite Road Construction Co., 51 Chamber, New York.
Willman Lbr. Co., Hartford City, Ind.
Willmar Milling Co., feed, Willmar, Minn.
Willmarth-Mackillop, contractors, Pawtucket, R. I.
Willmont Oil Mills, meal, Pelzer, S. C.
Willms, Chas., Surgical Instrument Co., 300 N. Howard, Baltimore, Md.
Willoughby Co., auto, wood & metal bodies, Utica, N. Y.
Willoughby, E. C., architect, 424 4th av, Pittsburgh, Pa.
Willow Furniture Co., 625 W. 42d, New York.
Willow Grass Rug Co., grass matting, Green Bay, Wis.
Willow Grove Milling Co., flour, Willow Grove, Tenn.
Willow River Lbr. Co., Hayward, Wis.
Wills, A. V., & Sons, contractors, Pittsfield, Ill.
Wills, Chas. T., Inc., contractor, 286 5th av, New York.
Wills, F. K., dock bldrs., Wilmington, Del.
Wills, Geo. B, & Co., contractors, 101 Park av, New York.
Wills, Geo. W., machinist, Dover, Ohio.
Wills, Ludwick, & Co., contractors, 34 S. 17th, Philadelphia, Pa.
Wills Mfg. Co., tank & stock heaters, plow coulters, etc., Mendota, Ill.
Wills Point Cotton Oil Co., fertilizer mfrs., meal, Wills Point, Tex.
Wills, F. A. & C. C., canned goods, Troutville, Va.
Wills, Walter B., architect, 1181 Myrtle av, Brooklyn, N. Y.
Willsden, S. Blake, shears & scissors, Heyworth Bldg., Chicago, Ill.
Willsea Wks., cement & special machy., 604 Browns race, Rochester, N. Y.
Willshire Milling Co., wheat flour, Willshire, Ohio.
Willson, A. H., canned goods, Vineland, N. J.
Willson Bros. Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Willson, Fred T. & Co., architects, P. O. box 497, Bozeman, Mont.
Willson, H. J., cornices, Everett, Wash.
Willson, T. A., & Co., Inc. (See Wilson Goggle, Inc. (successor).
Willsons Fireworks Co., 11 Stewart, San Francisco, Cal.
Willy & Co., buckwheat, rye & wheat flour, Appleton, Wis.
Willys Corp., airplane, gas & gasoline engines, 11 Pine, New York.
Willys Light Div. Electric Auto Lite Corp., Toledo, Ohio.
Willys-Morrow Co., Inc., auto parts, Elmira, N. Y.
Willys-Overland Co., automobile bldrs., Toledo, Ohio.
Wilmanns, August C., architect, 35 S. Dearborn, Chicago, Ill.
Wilmarth & Morman Co., drill grinders, 1187 Monroe av, Grand Rapids, Mich.
Wilmarth Show Case Co., Grand Rapids, Mich.
Wilmarth, T. W., Co., elec. light fix. mfrs., 324 W. Superior, Chicago, Ill.
Wilmarth, W. D., & Co., hdwe. mfrs., Attleboro, Mass.
Wilmarth & Zerbe, architects, Salina, Kans.
Wilmer, Samuel S., contractor, 3211 Comly Wissng, Phila., Pa.
Wilmington Brick Co., Wilmington, Del.
Wilmington Casting Co., Wilmington, Del.
Wilmington & Co., trunks, Toledo, Ohio.
Wilmington Electroplating Co., cold process galvanizing, Wilmington, Del.
Wilmington Fibre Specialty Co., Wilmington, Del.
Wilmington Gas Co., water-gas tar, Wilmington, Del.
Wilmington Iron Wks., machinists, founders, engineers, shipwrights, boilermakers, blacksmith, electric & acetylene welding, Wilmington, N. C.
Wilmington Malleable Iron Wks. of Eastern Malleable Iron Co., castings, rail braces & joints, etc., Wilmington, Del.
Wilmington Oil Refining Co., cotton softeners, Wilmington, Del.
Wilmington Sash & Door Co., Mason, Ga., & Wilmington, Del.
Wilmot Engng. Co., chains, machy., etc., Hazleton, Pa.
Wilmot Oil Mills, cottonseed meal, Wilmot, Ark.
Wilmsen, B., toys, 224H Ionic, Phila., Pa.
Wilna Mach. Co., Carthage, N. Y.
Wilputte Coke Oven Corp., coke plant construction, 469 5th av, New York.
Wilsch Machine & Specialty Co., jigs, fixtures, etc., 237 Lafayette, New York.
Wilsdorf, M. A., cornices, 213 St. George, St, Louis, Mo.
Wilsey, C. D., architect, Everson bldg., Syracuse, N. Y.
Wilsey & Shaffer Mfg. Co., oars, boats, Vicksburg, Miss.
Wilson, A. A., contractor, Ashland, Ky.
Wilson, A. B., Co., junction boxes & shade rollers, 1051 Power bldg, Cleveland, Ohio.
Wilson, A. H., canned goods, Aberdeen, Md.
Wilson, A. Hamilton, architect, Wash. Loan & Trust bldg., Washington, D. C.
Wilson, A. & S., Co., contractors, 541 3d av, Pittsburgh, Pa.
Wilson & Adams Co., masons' & bldrs.' matls., Mount Vernon, N. Y.
Wilson, Albert, architect, 140 W. 39th, New York.
Wilson, Andrew, Co., steel factory equipment mfrs., 616 Essex, Lawrence, Mass. *See adv index at end of book.*
Wilson, Arthur L., architect, 13535 Woodward, Detroit, Mich.
Wilson & Bennett Mfg. Co., steel shipping barrels, steel oil barrels, 65th pl. & S. Menard av., Chicago, Ill.
Wilson & Biggs, poles & cross ties, Greenup, Ky.
Wilson Brick Co., Wilson, Conn.
Wilson Brick & Tile Co., Keenan Bldg., Pittsburgh, Pa.
Wilson Bros., agric'l implements, bone, shell & grain mills, E. Delaware, Easton, Pa. *See adv index at end of book*
Wilson Bros. Lbr. Co., Pittsburg, Pa.
Wilson Bros., machsts., Hoboken, N. J.
Wilson Bros. & Co., sashes, doors & blinds, 110 Market, San Francisco, Cal.
Wilson & Carmona, children's vehicles, etc., Winona, Minn.
Wilson, C. D., architect, Mutual Life Bldg., Seattle, Wash.
Wilson, C. E., & Son, contractors, Barnesville, Ohio.
Wilson, C. R., Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.
Wilson, C. W., & Co., lbr. mfrs., ft. Kent, Brooklyn, N. Y.
Wilson Canning Co., Hebron, Md., & Mexico, N. Y.
Wilson Carbon Paper Co., 618 S. Spring, Los Angeles, Cal.
Wilson, Carl C., contractor, Coraopolis, Pa.
Wilson, Chas. C., architect, Columbus, S. C.
Wilson, Chas. T., Co., crude rubber, 56 Wall, New York.
Wilson Chemical Co., Tyrone, Pa.
Wilson, Clarence D., architect, Long Branch, N. J.
Wilson & Cochran, lumber, Lottie, La.
Wilson & Co., canned goods, meat packers, etc., U. S. Yards, Chicago, Ill.
Wilson Co., textile machy. & supplies, struct'l steel, etc., Greenville, S. C.
Wilson & Co., trolley catchers, 108 N. 6th, Brooklyn, N. Y.
Wilson Construction Co., Fulton Bldg., Pittsburgh, Pa.
Wilson Contracting Co., Newark, Ohio.
Wilson Cypress Co., lumber, Palatka, Fla.
Wilson, D. L., flour mills, Moorefield, W. Va.
Wilson, Dexter E., architect, Malden, Mass.
Wilson, E. A., & Co., masons' & bldrs.' matls., Lowell, Mass.
Wilson, E. H., & Co., second-hand railroad equipments, Commercial Trust Bldg., Philadelphia, Pa.
Wilson, E. L., Hardware Co., Beaumont, Tex.
Wilson & Eaton Co., masons' & bldrs.' matls., Amenia, N. Y.
Wilson Engineering & Contr. Co., Xenia, Ohio.
Wilson, F. Allen, architect, 1208 Chestnut, Philadelphia, Pa.
Wilson, F. Cortez, Co., gasoline tanks, etc., 159 W. Lake, Chicago, Ill.
Wilson Fdry. & Machine Co., grey iron castings, Pontiac, Mich.

Wilson, Francis W., architect, Santa Barbara, Cal.
Wilson Furn. Co., Dept. H, Louisville, Ky.
Wilson & Gardner Co., masons' & bldrs.' matls., 5541 Lean, Germantown, Philadelphia, Pa.
Wilson, Geo., cornices & skylights, Florence, Colo.
Wilson, Geo. E., architect, Ogdensburg, N. Y.
Wilson, Geo. W., htg. contrs., 612 Myrtle av, Brooklyn, N. Y.
Wilson Goggle, Inc., Reading, Pa.
Wilson, H. A., Co., platinum refiners & mfrs. & contact points, 99 Chestnut, Newark, N. J.
Wilson, H. P. & H. F., bale ties, 542 W. 22d, New York.
Wilson, H. R., Machy. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Wilson, H. S., masons' & bldrs.' matls., Cleburne, Tex.
Wilson Hdwe. Co., Boulder, Colo., Wilmington, Del.
Wilson, Henry L., architect, Byrne Bldg., Los Angeles, Cal.
Wilson, Horatio, & Co., architects, 11 S. La Salle, Chicago, Ill.
Wilson-Hurd Co., bag holders, fly killers, Wausau, Wis.
Wilson Instrument & Spec. Co., Passaic, N. J.
Wilson, J. (Est. of), machsts. & fndrs., Easton, Pa.
Wilson, J. Appleton, architect, Law Bldg., Baltimore, Md.
Wilson, J. B., & Co., sashes, doors & blinds, Sherman, Tex.
Wilson, J. C., archl. iron, Watertown, N. Y.
Wilson, J. C., & Co., motor trucks, 15th & Warren, Detroit, Mich.
Wilson, J. D., contractor, Newburgh, N. Y.
Wilson, J. F., contr., Springfield, Mass.
Wilson, J. Frank, carriages, Wilkes-Barre, Pa.
Wilson, J. G., Corp., blinds & shutters, 8 W. 40th, New York.
See adv. index at end of book
Wilson, J. H., & Son, lbr. & railroad cross ties, McLeansboro, Ill.
Wilson, J. R., Inc., mill & factory supplies, 133 Stewart, San Francisco, Cal.
Wilson, J., & R., Inc., mill & facty supplies, Norfolk, Va.
Wilson & Cato, architects, New Telephone bldg, Detroit, Mich.
Wilson & James, machs. & fndrs., Darlington, S. C.
Wilson, Jas., & Co., mill & facty. supplies, Stamford, Conn.
Wilson, Jas. G., Mfg. Co., sash, door & blind mfrs., 332 S. Michigan av, Chicago, Ill.
Wilson, Jas. H., masons' & bldrs.' matls., Fall River, Mass.
Wilson, Jas. T., & Co., canned goods, Delmar, Del.
Wilson, James Y., contr., Jacksonville, Fla.
Wilson, John, contractor, Alliance, Ohio.
Wilson, John, masons' & bldrs.' matls., Hebron, Ind.
Wilson, John G., architect, 263½ Yamhil, Portland, Ore.
Wilson, John L., architect, Ashtabula, Ohio.
Wilson, John T. (Est. of), sash, door & blind mfrs., Jamestown, N. Y.
Wilson, John T., Co., contractor & bldr., Mutual Bldg., Richmond, Va.
Wilson-Jones Loose Leaf Co., loose leaf devices, 3300 Franklin Bl., Chicago, Ill.
Wilson, Joseph W., architect, Henry bldg, Seattle, Wash.
Wilson, J. W., architect, 3rd & Yarnhill, Portland, Ore.
Wilson, J. Will, architect, New Tel. Bldg., Detroit, Mich.
Wilson, L. H., architect, 10 W. 4th, Cincinnati, Ohio.
Wilson, L., Novelty Works, machinery specialties, 222 S. Clinton, Chicago, Ill.
Wilson, Lee, & Co., lumber mfrs., Wilson, Ark.
Wilson, Louis H., architect, 10 W. 4th, Newport, Ky.
Wilson, Ludwig, Brush & Supply Co., janitors' supplies, 455 S. Clark, Chicago, Ill.
Wilson Lbr. Co., Bokhoma, Okla., & Mill Creek, W. Va.
Wilson Lumber & Box Co., Tonawanda, N. Y.
Wilson, Lydell L., lbr. mfrs., Randolph, N. Y.
Wilson Machine Co., 815 Avenue B, Burkburnett, Texas.
Wilson Machinery Co., derricks, 301H 35th, Chicago, Ill.
Wilson-Maculen Co., pyrometers testing machines, 383 Concord av, New York.
Wilson, Mark K., contr., Chattanooga, Tenn.
Wilson-Martin Co., fertilizer, glue mfrs., etc., 30th & Market, Phila., Pa.
Wilson Mfg. Co., carpet beaters, Niles, Ohio.
Wilson Mfg. Co., metal polish, Lennox Bldg., Cleveland, Ohio.
Wilson & Merrick, canned goods, Ingleside, Md.
Wilson Milling Co., flour, Greensburg, Ky.
Wilson & Morrow, brick, Barnes City, Ia.
Wilson, O. C., & K. R., mill & facty. supplies, 78 Dey, New York.
Wilson, O. E., architect, 109 7th, Pittsburgh, Pa.
Wilson, O. G., & Co., masons' & bldrs.' matls., St. Paul, Minn.
Wilson, O. J., machst. & fndr., Salem, Ore.
Wilson Pliny D. Co., see Wilson & Carmona (successors).
Wilson Provision Co., meat packers, Peoria, Ill.
Wilson & Pugh, mill & facty. supplies—whol. hdwe., Cumberland, Md.
Wilson Remover Co., varnish removers & boiler compounds, 115 Chestnut, Newark, N. J.
Wilson, R. F., & Co., contractors, 1851 Elston, Chicago, Ill.
Wilson & Roake, heating boilers, etc., 107 Hancock, B'klyn., N. Y.
Wilson, Robt. P., balata, springs, etc., 320 Market, Newark, N. J.
Wilson, Robert S., lumber mfrs., Seattle, Wash.
Wilson, Robt., & Son, archl. iron, New Haven, Conn.
Wilson, Rowland S., natural gas burners, 14 Wood, Pittsburgh, Pa.
Wilson Rubber Co., gloves & druggists' sundries, Canton, Ohio.
Wilson, Samuel, knitted gloves, Needham Heights, Mass.
Wilson, Samuel A., masons' & bldrs.' matls., Newburgh, N. Y.
Wilson Sand & Supply Co., Huntington, W. Va.
Wilson Shipbldg. Co., Astoria, Ore.
Wilson Shipyards, Seattle, Wash.
Wilson & Silsby, yacht sails, Rowe's Wharf, Boston, Mass.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wilson-Snyder Mfg. Co., machsts. & fndrs., Pittsburgh, Pa.
Wilson & Son, J. H., ties, poles & posts, McLeansboro, Ill.
Wilson Steel Products Co., 49th & S. Western av, Chicago, Ill.
Wilson, Stewart, contractor, Fargo, N. D.
Wilson Stove & Mfg. Co., fndrs., Easton, Pa.
Wilson Stove & Mfg. Co., Valley Park, Mo.
Wilson, T. F., & Son, contractors, Brookville, Ind.
Wilson, Thos. E., & Co., sporting gds., etc., 727 North Sangamon, Chicago, Ill.
Wilson Tire & Rubber Co., Springfield, Ill.
Wilson & Tomlinson, contractors, 79 Milk, Boston, Mass.
Wilson & Toomer Fertilizer Co., Jacksonville, Fla.
Wilson Trolley Catcher Co., 14 Federal, Boston, Mass.
Wilson & Visscher, architects, 299 Madison av, New York.
Wilson, W. A., contractor, Mass. Bldg., Kansas City, Mo.
Wilson, W. A., Machine Co., planers, etc., 217 N. Water, Rochester, N. Y.
Wilson, W. A., & Sons, masons' & bldrs.' matls., Wheeling, W. Va.
Wilson, Walter Co., whol. hdwe., Green Bay, Wis.
Wilson, W. D., Printing Ink Co., 17 Spruce, New York.
Wilson, W. E., Lumber Co., Fort Recovery, Ohio.
Wilson, W., Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.
Wilson, W. R., & Son, contrs., Odd-Fellows' Bldg., St. Louis, Mo.
Wilson, W. S. Corp., whole hdwe., 155 Chambers, New York.
Wilson, W. S. Lbr. Co., Camak, Ga.
Wilson Welder & Metals Co., 3 Bush Terminal, Brooklyn, N. Y.
Wilson & Wilk Co., elec. light fix. mfrs., 1540 Milwaukee av, Chicago, Ill.
Wilson & Willard Mfg. Co., oil well tools, 2301 E. Vernon av, Los Angeles, Cal.
Wilson William, architect, 140 E. 39th, New York.
Wilson & Wilson, architects, Commonwealth Bldg., Denver, Colo.
Wilson, Wm. H. Iron Wks., scrap iron & structural steel, Rochester, N. Y.
Wilson Wood & Lumber Co., Norfolk, Va.
Wilson-Wrape, W. W., Stave Co., cooperage stock, Little Rock, Ark.
Wilson, Wyle T., mailing tubes, paper drinking cups, etc., 1151 N. 3d, Philadelphia, Pa.
Wilt, C. H., common brick, Ogden Center, Mich.
Wilt, Chas. T., traveling bags, 173 W. Madison, Chicago, Ill.
Wiltbonco Mfg. Co., gauges, regulators, etc., 24 Porter, Boston, Mass.
Wilton Mfg. Co., cocks, Wrightsville, Pa.
Wilts Veneer Co., Richmond, Va.
Wilwin Co., Ltd., lbr., Front Lake, Mich.
Wimberly & Thomas Hardware Co., Birmingham, Ala.
Wimmer Contracting Co., Victoria Bldg., St. Louis, Mo.
Winamac Construction Co., Winamac, Ind.
Winans C. H. Co., contractors, Elizabeth, N. J.
Winans Fruit & Canning Co., Diggins, Mo.
Winans Mach. Co., hand vacuum cleaners, Binghamton, N. Y.
Winborne & Co., fertilizer mfrs., Norfolk, Va.
Winborne, P. J., architect, Suffolk, Va.
Winchell, H. C., advertising counsellor, 20 E. Jackson blvd., Chicago, Ill.
Winchell, John, architect, Pittsfield, Mass.
Winchester, B. & C., Co., platers metals, Winsted, Conn.
Winchester Brass & Copper Co., brass stampings, Winsted, Conn.
Winchester Brick Co., Boston, Mass.
Winchester & Daniels, cedar shingles, Grand Rapids, Mich.
Winchester Granite Brick Co., Winchester, Ky.
Winchester Lbr. & Mfg. Co., Winchester, Ky.
Winchester Lumber Co., Winchester, Ohio.
Winchester Mach. Wks., Winchester, Ind.
Winchester Milling Co., flour, Winchester, Tenn.
Winchester Packing Co., meat, Hutchinson, Kas.
Winchester Repeating Arms Co., rifles, cutlery, tools, etc., mfrs., New Haven, Conn.
Winchester Stone Co., 535 Albany, Boston, Mass.
Winchester, Thos., contr., Rockford, Ill.
Wincroft Stove Wks., Middletown, Pa.
Wind, Jacob, Jr., architect, 208 Broad, Elizabeth, N. J.
Wind River Lbr. Co., Cascade Locks, Ore.
Windau Tool Co., 1565 E. 17th, Cleveland, Ohio.
Winder Oil Mill Co., Winder, Ga.
Windfall Mfg. Co., brick, Windfall, Ind.
Windham Handle Co., South Windham, Conn.
Windholz, Charles A., canned goods, Syracuse, N. Y.
Winding & Gezelschap, asphalt paving contrs., Pabst Bldg., Milwaukee, Wis.
Winding Gulf Colliery Co., coal mine, Winding Gulf, W. Va.
Windle, J. E., textile machy., Worcester, Mass.
Windmuller, L., & Roelker, varnish gums, 20 Reade, New York.
Windorf Bros., contrs., Kenosha, Wis.
Window Cleaners' Improved Belt & Device Co., 62 W. Wash'n, Chicago, Ill.
Windowphanie Co., stained glass substitutes, 19 E. 14th, New York.
Windrim, J. T., architect, Commonwealth bldg, Phila., Pa.
Windsor, A., contractor, Sante Fe, N. M.
Windsor Brick Co., Akron, O.
Windsor Cement Co., 446 Albany, Boston, Mass.
Windsor Coal Co., Bendum-Trees bldg, Pittsburgh, Pa.
Windsor Cove Packing Co., canned goods, Jesterville, Md.
Windsor, Edmund F., architect, 2 W. 45th, New York.
Windsor Furn. Co., 1420H Carroll, Chicago, Ill.
Windsor Green Granite Co., Windsor, Vt. & Worcester, Mass.
Windsor Mfg. Co., brass fndrs., 570 Clinton, Milwaukee, Wis.
Windsor Mfg. Co., brooms, Windsor, Mo.
Windsor Soap Co., 963 William, Buffalo, N. Y.
Windsor Webbing Co., Pawtucket, R. I.
Windy Hill Packing Co., canners, Easton, Md.
Wine Railway Appliance Co., Toledo, Ohio.
Wine Railway Appliance Co., The, freight car appliances, Toledo, Ohio.
Winebrenner, D. E., Co., canned goods, Hanover, Pa.
Winegar, R. J., contractor, 1020 E 17th, Salt Lake City, Utah.
Wineman, A. G., & Sons, lbr., Greenville, Miss.
Winnebago Realty Co., lbr., Park Falls, Wis.
Winer, Sam'l, & Co., scrap iron, Elkhart, Ind.
Winfield Bros., & Co., stone producers, Beach City, Ohio.
Winfield Elec. Welding Mach. Co., Warren, Ohio.
Winfield Mfg. Co., mail boxes, machsts, etc., Warren, Ohio.
Winfield Pottery Co., Winfield, Tex.
Winfield Sand Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Winfield Sand & Mineral Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Winfrey Stave & Lbr. Co., Somerset, Ky.
Wing, Chas., Co., auto. mountings, small springs, Amesbury, Mass.
Wing's Sons, Chauncey, machst. & fndr., Greenfield, Mass.
Wing-Engel Box Co., Old Town, Me.
Wing & Evans, soda ash, algali ,etc., 22 William, New York.
Wing J. F., architects, Pixley-Long Bldg., Fort Wayne, Ind.
Wing, J. T., & Co., mill & facty. supplies, 19 Woodward av, Detroit, Mich.
Wing, L. J., Mfg. Co., blowers, regulators, pumps, fans, 352 W. 13th, New York.
Wing, Mitchell, & Co., soap, 113 Broad, Boston, Mass.
Wing, Robt. B., & Son, mill & facty. supplies, 358 B'way, Albany, N. Y.
Wing, S., & Co., cameras, Charleston, Boston, Mass.

Wing & Son, pianos, 9th av. & 13th st, New York.
Wingate, Frank S., masons' bldrs.' matls.', Hallowell, Me.
Wingender, Chas., & Bros., potteries, Haddonfield, N. J.
Winger-Blume Mfg. Co., clothes washing machines, Wolcott, Ind.
Winger Foundry & Furnace Co., Montpelier, Ohio.
Wingfield Hdwe. Co., whol., Augusta, Ga.
Wingfield, Nimrod T., architect, Charlottesville, Va.
Wingrane & MacNaughton Co., elec. light fix mfrs., 117 N. Wabash av, Chicago, Ill.
Wingren, Chas. O., machinist, Pasadena, Cal.
Winkleman, C. F., architect, 103 Park av, New York.
Winkelman, Louis, & Co., forgings, dies, etc., 213 Lawrence, Cincinnati, Ohio.
Winking, Geo., cornices, Quincy, Ill.
Winkle Terra Cotta Co., Century Bldg., St. Louis, Mo.
Winkler Co., bench stops, etc., 120 Miller, Newark, N. J.
Winkler Furn. Co., Dept. H, Lexington, Mo.
Winkler, Geo., architect, Tulsa, Okla.
Winkler-Grimm Corp., mfrs. of wagons & auto bodies, So. Bend, Ind.
Winkler, Ignatz, & Co., stone producers, 2616 S. Sacramento av, Chicago, Ill.
Winkler, Isaac, & Bro., Co., chemicals, 1st Nat'l Bk. Bldg., Cincinnati, Ohio.
Winkler-Reichmann Co., signals & telephones, 4801 S. Morgan, Chicago, Ill.
Winkler, W. E., sashes, doors & blinds, Butler, Ohio.
Winkley Artificial Limb Co., 1326 Washington av, Minneapolis, Minn.
Winland, W. V., flour mills, Elizabeth, W. Va.
Winn, E. L. Const. Co., contrs., Ry. Exch. Bldg., Kansas City, Mo.
Winn, J. H., Sons, clock hands, Winchester, Mass.
Winn, Wm. R., lubrg. oils & greases, paints, etc., 488 Cherry, New York.
Winne, F. W., & Son, cordage & twine, packing mfrs., 237 Market, Philadelphia, Pa.
Winne, Howard B., mill & facty. supplies, 714 W. Jackson blvd., Chicago, Ill.
Winne, L. S., & Co., whol. hdwe., Kingston, N. Y.
Winne & McKain Co., masons' & bldrs.' matls., Schenectady, N. Y
Winnebago Furniture Mfg. Co., Fond Du Lac, Wis.
Winnebayo Mfg. Co., furn., Dept. H, Rockford, Ill.
Winneberger, Geo., & Son, desk mfrs., 252 S. 3rd, Phila., Pa.
Winneconne Lumber Co., Oshkosh, Wis.
Winner Co., boiler compounds, 30 Church, New York.
Winner, H. H., Co., architects, Humboldt Bk. Bldg., San Francisco, Cal.
Winnfield Brick Co., Winnfield, La.
Winnsboro Cotton Oil Co., meal, Winnsboro, Tex.
Winnsboro Granite Corp., Rion, S. C.
Winona Boiler Co., Winona, Minn.
Winona Carriage Co., Winona, Minn.
Winona Casket Co., Winona, Minn.
Winona Cotton Mills, Winona, Miss.
Winona Gas Light & Coke Co., Winona, Minn.
Winona Htg. & Ventg. Co., Winona, Minn.
Winona Machine & Boat Wks., Winona, Minn.
Winona Machine & Fdry. Co., Winona, Minn.
Winona Motor Co., Winona, Minn.
Winona Oil & Mfg. Co., Winona, Miss.
Winona Packing & Soap Co., Winona, Minn.
Winona Technical Institute, engng. schools & coll., Indianapolis, Ind.
Winona Wagon Co., Winona, Minn.
Winorr Canning Co., Circleville, Ohio.
Winsauer, Louis M., architect, 4309 N. Whipple, Chicago, Ill.
Winship, Chas. A., & Co., medals, 159 N. State, Chicago, Ill.
Winship, W. W., baskets, trunks, 71 Summer, Boston, Mass.
Winship, W. W., & Sons Co., trunk mfrs., Utica, N. Y.
Winslow, Benj. E., architect, 2617 N. Richmond, Chicago, Ill.
Winslow Bros. Co., machsts. & fndrs.—iron & bronze works & window frames, 4600 W. Harrison, Chicago, Ill.
Winslow, Cabot Co., advtg. thermometers, 46 Cornhill, Boston, Mass.
Winslow Carleton Monroe, architect, Van Nuys bldg, Los Angeles, Cal.
Winslow, C. M., architect, 1025 4th, San Diego, Cal.
Winslow & Co., brick, Portland, Me.
Winslow, D. A. & Co., mill & facty supplies, Norfolk, Va.
Winslow, Edw. L., stone prod., Kalamazoo, Mich.
Winslow Glass Co., milk jars & bottles, Columbus, Ohio.
Winslow Grammont Standard Scale Wks., Terre Haute, Ind.
Winslow, Harold E., architect, Grand Forks, N. D.
Winslow, J. A., & Son, cornices & skylights, Bath, Me.
Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.
Winslow Lumber Co., Orin, Wash.
Winslow Marine Ry. & Shipbuilding Co., Seattle, Wash.
Winslow, Sam'l, Skate Mfg. Co., Worcester, Mass.
Winsor & Jerauld Mfg. Co., machsts., 223 Harrison, Providence, R. I.
Winsted Edge Tool Wks., machsts. & fndrs., Winsted, Conn.
Winsor Gravity Dump Body Co., 712 Atwater, E. Detroit, Mich.
Winsted Hdwe. Mfg. Co., closet screws, Winsted, Conn.
Winsted Mfg. Co., machsts. & fndrs., Winsted, Conn.
Winsted Silk Co., thread, Winsted, Conn.
Winstran, Louis, furniture, Dept. H, Hudson, N. Y.
Winston Bros. Co., contractors, Globe Bldg., Minneapolis, Minn.
Winston & Co., contrs., Amer. Nat. Bk. Bldg., Richmond, Va.
Winston-Dear Co., contractors, Globe Bldg., Minneapolis, Minn.
Winston Lbr. Co., Noxapater, Miss.
Winston, Miller & Clack, lumber—wholesale, Richmond, Va.
Winston, Thos. H., Covington, Ky.
Winstone, Geo. C., & Son, contractors, Schenectady, N. Y.
Wint, F. W., Co. (Ltd.), sash, door & blind, Catasauqua, Pa.
Winter Bros., brick, Wadsworth, Ill.
Winter Bros. Co., machsts. & fndrs., Wrentham, Mass.
Winter Co., bk. office & store fix., Sheboygan, Wis.
Winter & Co., pianos, S. blvd & 137th, New York.
Winter, F. J., architect, 2331 Dime Bank Bldg., Detroit, Mich.
Winter, F. W., & Co., windmills, Fairbault, Minn.
Winter, Frank, Hardware Co., Lancaster, Ohio.
Winter, Frank W., lbr., Auburn, Me.
Winter, G. C., mill & facty. supplies.—masons' & bldrs.' matls., Southbridge, Mass.
Winter, H. B., architect, Manhattan, Kans.
Winter, H. E., changeable bldg. directories & signs, Davenport, Ia.
Winter, H. L., Mfg. Co., sash, door & blind mfrs., Alton, Ill.
Winter, H. W., harness, saddles, etc., Norfolk, Neb.
Winter Hdwe. Co., mill & facty. supplies, Fremont, O.
Winter, Louis F., machsts., 420 W. 27th, New York.
Winter, R. G., Mfg. Co., hdwe. mfrs., 2102 Vliet, Milwaukee, Wis.
Winter, Son, & Co., aluminum, tin, ingots, etc., 64 Wall, New York.
Winter, Wm. F., bldg. contr., 1025 2d, Milwaukee, Wis.
Winterborne, W. H. & Sons, machsts. & brass fndrs., San Antonio, Tex.
Winterbottom, Carter & Co., handles, bone, Egg Harbor City, N. J.
Winterbourne, S., & Co., varnish, oils, etc., 94 Pine, New York.
Winterer, Herman L., machy. dealer, 953 N. Front, Phila. Pa.
Winternitz, Albert, contractor, 103 Park av, New York.
Winterroth & Co., pianos, 8 Union Sq., New York.
Winterrowd, Thos. A., architect, Am. Central Life Bldg., Indianapolis, Ind.
Winters Canning Co., Winters, Cal.
Winters, Edwin, stone producers, McKeesport, Pa.
Winters, Henry T., & Son, contractors, Waterville, Me.
Winters, J. H., & Son, flour mills, Adams, Tenn.
Winters, J. S., contractor, 20th & Elm, Portland, Ore.
Winters Lumber Co., Elwood, Ind.
Winters, Mercer & Brannum Lbr. Co., Anderson, Ind.
Winter's Metallic Paint Co., Iron Ridge, Wis.
Winters & Prophet Canning Co., Mt. Morris, N. Y.
Winters Sign & Novelty Cor., Springfield, O.
Winters, Wm. C., architect, 106 Van Sicklen av, Brooklyn, N. Y.
Wintersteen, C. A., cornices, 408 W. 3d, Dayton, Ohio.
Winther, Chas. A. G. Co., Inc., mill & facty supplies, 85 High, Boston, Mass.
Winther Motor Truck Co., auto. mfrs., Kenosha, Wis.
Winthrop Asphalt Shingle Co., Argo, Ill.
Winthrop Canning Co., Winthrop, Minn.
Winthrop Mills Co., woolen blankets, Winthrop, Me.
Winton Co., auto bldrs., Berea rd., Cleveland, Ohio
Winton Engine Works, Cleveland, Ohio.
Wintringham & Well, naval architects, 32 B'way, New York.
Winyah Lumber Co., Georgetown, S. C.
Wipf, J., & Co., lumber, Iola, Wis.
Wire Bolt Clamp Co., hose clamps, Battle Creek, Mich.
Wire Goods Co., Worcester, Mass.
Wire Hdwe. Co., 6126 S. La Salle, Chicago, Ill.
Wire Inspection Bureau, testing laboratories, 13 Park Row, New York.
Wire & Metal Wares Co., baskets, mats, etc., Erie, Pa.
Wire Novelty Mfg. Co., trimmings & wire specialties, West Haven, Conn.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.
Wire & Steel Products Co., Inc., box straps, box strapping machines, wire nails, etc., 421 E. 22nd, New York.
See adv. index at end of book.
Wirebounds Corp., machsts., 1001 W. Washington, Chicago, Ill.
Wireless Improvement Co., 81 New, New York.
Wireless Mg. Co., Canton, Ohio.
Wireless Specialty Apparatus Co., wireless apparatus, C. & Fargo, Boston, Mass.
Wirsing, H. M., architect, New Castle, Pa.
Wirsing & Son, contractors, 2110 Mohegan av, New York.
Wirt Co., electrical specialties, 5221 Greene, Germantown, Phila., Pa.
Wirt & Knox Mfg. Co., hose carriages & carts, 23d & York, Philadelphia, Pa.
Wirt, Paul E., rubber goods, Bloomsburg, Pa.
Wirth, John D., special automatic machinery & tools, New Haven, Conn.
Wirth, P., & Son, contractors, Louisville, Ky.
Wirthlin-Mann Co., machy dlrs. mill & facty. supp., Plum & Commerce, Cincinnati, Ohio.
Wirtz & Hernlen, agricultural implements, Augusta, Ga.
Wirz, A. H., Inc., collapsible tubes, Chester, Pa.
Wischerth Mfg. Co., machsts., 302 McDougal, Brooklyn, N. Y.
Wischhusen, John, contractor, 811 Butternut, N. W., Washington, D. C.
Wis.-Alabama Lbr. Co., Sylacauga, Ala.
Wis. Aluminum Fdry. Co., castings, Manitowoc, Wis.
Wis. & Arkansas Lumber Co., Wausau, Wis.
Wis. Auto. Top Co., Racine, Wis.
Wis. Bag & Burlap Co., Neenah, Wis.
Wis. Box Co., packing, Wausau, Wis.
Wis. Brick Co., Madison, Wis.
Wis. Bridge & Iron Co., structural steel & bridges, No. Milwaukee, Wis.
Wis. Bridge & Iron Works, Milwaukee, Wis.
Wis. Butter & Cheese Co., canned goods, Waukesha, Wis.
Wis. Canning Co., Winneconne, Wis.
Wis. Cement Const. Co., 1000 Humboldt av, Milwaukee, Wis.
Wis. Chair Co., telephone cabinet work, Port Washington, Wis.
Wis. Condensed Milk Co., canned, Burlington, Wis.
Wis. Culvert Co., Madison, Wis.
Wis. Cylinder Fdry. Co., Racine, Wis.
Wis. Electric Co., elec. appliances & portable grinders 1600 Junction av, Racine, Wis.
Wis. Farm Implement Co., machsts., Beloit, Wis.
Wis. Farm Tractor Co., Sash City, Wis.
Wis. Fndry. & Mach Co., mill & facty. supplies, Madison, Wis.
Wis. Fndry. & Steel Wks., Cedar Grove, Wis.
Wis. Granite Co., 11 S. La Salle, Chicago, Ill.
Wis. Graphite Co., Stevens Point, Wis.
Wis. Incubator Co., Racine, Wis.
Wis. Iron & Metal Co., Oshkosh, Wis
Wis. Iron & Wire Works, ornamental iron & bronze mfrs., Milwaukee, Wis.
Wis. Knitting Mills, sweaters, cardigans, etc., Manitowoc, Wis.
Wis. Land & Lumber Co., Hermansville, Mich.
Wis. Lime & Cement Co., 133 W. Washington, Chicago, Ill.
Wis. Lumber Co., 606 S. Michigan av, Chicago, Ill.
Wis. Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.
Wis. Malleable Iron Co., S. Bay, Milwaukee, Wis.
Wis. Metal Products Co., currycombs, cutting dies, hdwe. mfrs. & sheet metal stamping, Racine, Wis.
Wis. Miller Mfg. Co., milling machines, Milwaukee, Wis.
Wis. Motor Mfg. Co., airplane engines, 44th av & Burnham, Milwaukee, Wis.
Wis. Pea Canners Co., canned goods, Manitowoc, Wis.

Wis. Pearl Button Co., La Crosse, Wis.
Wis. Plumbing & Heating Supply Co., 298 Reed, Milwaukee, Wis.
Wis. Pulp Wood Co., Neenah, Wis.
Wis. Red Pressed Brick Co., 200 Lumber Exchange, Minneapolis, Minn.
Wis. Refrigerator Co., Eau Claire, Wis.
Wis. River Paper & Pulp Co., Neenah, Wis.
Wis. River Supply Co., plbrs. supplies, Wausau, Wis.
Wis. Stable Equipment Co., cattle stanchions, Oconomowoc, Wis.
Wis. Steel Co., coal mine, 606 S. Michigan, Chicago, Ill.
Wis. Textile Mfg. Co., textile machy. supplies, etc., Two Rivers, Wis.
Wis. Timber Co., Inc., lumber, Stanwood, Wash.
Wis. Timber & Land Co., lbr. mfrs., Sheboygan, Wis.
Wis. Tunnel & Construction Co., 221 Grand av, Milwaukee, Wis.
Wis. Veneer Co., Rhinelander, Wis.
Wis. Wire Wks., Appleton, Wis.
Wis. Workshop for the Blind, willoware mfrs., 1312 Fond du Lac av., Milwaukee, Wis.
Wisdom & Co., glue mfrs., 217 W. Lake, Chicago, Ill.
Wise, August, lumber, Ft. Loramie, Ohio.
Wise, C., & Bro., brick, Lancaster, Pa.
Wise, F. S. & Sons, lbr., Cloverlick, W. Va.
Wise Furnace Co., Akron, Ohio.
Wise, G. W., Co., glass stainers, 86 Federal, Boston, Mass.
Wise Granite & Construction Co., contractors—bldg. & gen., Richmond, Va.
Wise, H., lbr. mfrs., La Porte, Ind.
Wise, Herbert C., architect, Franklin Bldg., Phila., Pa.
Wise, J. B., Inc., machsts. & fndrs., plumbers' supplies, hdwe. mfrs., etc., Watertown, N. Y.
Wise, J. H., Constr. Co., contractors, Post Dispatch bldg, St. Louis, Mo.
Wise, L., & Bros., tallows, 36 Main, Cincinnati, Ohio.
Wise, Lorrillard, architect, 254 Huguenot, New Rochelle, N. Y.
Wise Lumber & Coal Co., masons' & bldrs.' matls., Bangor, Pa.
Wise-McClung Mfg. Co., vacuum cleaners, sweepers & washing Machines, New Philadelphia, Ohio.
Wise, R. S., machst, upland, Ind.
Wise, Silas W., contractor, Cumberland, Md.
Wise Soda Apparatus Co., Bellevue, Ohio.
Wise & Son, contractors, Springfield, Ill.
Wise Sportsman's Supply Co., 15 E. Lake, Chicago, Ill.
Wise & Upson, contractor, Hartford, Conn.
Wise, W. F., architect, Tyrone, Pa.
Wiseman, Harrison C., architect, 23 W. 43d, New York.
Wiseman, T. B., architect, Bakersfield, Cal.
Wisenall, Bernard T., architect, 1st Nat'l Bk. Bldg., Cincinnati, Ohio, & 1st Nat'l Bk. Bldg., Covington, Ky.
Wiser, G. B., architect, T. M. S. bldg., South Bend, Ind.
Wise's, Sam'l B., Sons, carriages, Orrstown, Pa.
Wishart, A., & Sons Co., masons' & bldrs.' matls.—contractors, Sharon, Pa.
Wishart, R. S., Co., cornices, Minneapolis, Minn.
Wishkah Shingle Co., lumber, Aberdeen, Wash.
Wiskocil, Aug. W., architect, 692 Island av, Milwaukee, Wis.
Wiss, J., & Sons Co., cutlery mfrs., 31 Littleton av, Newark, N. J.
Wissinoming Tool Wks., pneumatic chisels, Van Kirk & Trenton, Phila., Pa.
Wissler, A., engineers instruments & supplies, 601 N. Broadway, St. Louis, Mo.
Wissmach, Paul, Glass Co., Meadow, Long Island City, N. Y.
Wissner, Henry, stone producers, 1715 Washington av, N. S., Pittsburgh, Pa.
Wissner, O., pianos, 55 Flatbush av, Brooklyn, N. Y.
Wistar, Underhill & Nixon, lbr., Real Estate Trust Co. Bldg., Philadelphia, Pa.
Wistrand Mfg. Co., agricultural implements, Galva, Ill.
Wiswall Paint Co., 2413 E. Huntingdon, Phila., Pa.
Witbeck, Clark Co., mill, facty. & railway supplies, whol. hdwe., Schenectady, N. Y.
Witbonce Mfg. Co., gauge cocks, 24 Porter, Boston, Mass.
Witchell-Scheill Co., baseball shoes, 168 Bklyn, Detroit, Mich.
Witcombe, McGeachin & Co., linoleum, 22 W. 37th, New York.
Witcover, H. W., architect, Nat. Bk. Bldg., Savannah, Ga.
Witenberg Mfg. Co., canvas gloves, Tacoma, Wash.
Witham Co., machsts., Hoosick Falls, N. Y.
Witham, G. S., & Son, axe mfrs., cant-dogs, Caratunk, Me.
Witherbee Igniter Co., machsts., 1904 Broadway, New York.
Witherbee, Sherman & Co., iron ores, 2 Rector, New York.
Witherbee Storage Battery Co., Inc., 643 W. 43rd, New York.
Witherell, L. M., & Sons, contractors, Taunton, Mass.
Wiherow Steel Co., bars, Keystone bldg, Pittsburgh, Pa.
Withers, B. F., masons' & bldrs.' matls., Charlotte, N. C.
Withers Fdry. & Mach. Wks., Atlanta & Cartersville, Ga.
Witherspoon Bros. & Co., coffins & caskets, Magnolia & Houser, Sumter, S. C.
Witherspoon-Englar Co., contractors, 53 W. Jackson blvd., Chicago, Ill.
Witherspoon, John M., architect, 53 W. Jackson blvd., Chicago, Ill.
Withey Bros., carriages, Springfield, Ill.
Withey, Henry F., architect, 321 W. 3rd, Los Angeles, Cal.
Withington, C. W., machinist, 416 2d, San Francisco, Cal.
Withrow Mfg. Co., baby carriages, 2727 Spring Grove av, Cincinnati, Ohio.
Witker Mfg. Co., sashes, doors & blinds, Toledo, Ohio.
Witmer & Watson, architect, Ur & Call, Bldg., Los Angeles, Cal.
Witt, Aug., contractor, 913 S. Western, Chicago, Ill.
Witt & Brown, cornices, windows, 215 W. 3d, Cincinnati, Ohio.
Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio.
Witt, Ferdinand, architect, 569 5th av, New York.
Witt, G. E., Co., machinist, 862 Howard, San Francisco, Cal.
Witt, S. W. & J. W., flour mills, Nellyford, Va.
Witt, Seibert & Co., architects, Texarkana, Ark.
Witt-Will Co., automobile bldrs., 52 N, N. E., Washington, D. C.
Witte, Alexis, Cutlery Co., razor cases, etc., 36 Erasmus, B'klyn, N. Y.
Witte Engine Works, distillate engines, portable saw rigs & shafting couplings, 16th & Oakland, Kansas City, Mo.
Witte, Francis T., Hardware Co., 106 Chambers, New York.
Witte, Gustave, Jr., brick, Hika, Wis.
Witte Hardware Co., 706 N. 3d, St. Louis, Mo.
Witte, J. C., Mfg. Co., desk mfrs., 30 E. Henn av, Minneapolis, Minn.
Wittekind, Henry, Jr., architect, 1749 Jarvis av, Chicago, Ill.
Wittel, E. S. & Son, lbr., & wood handles, Shortleaf, Ala.

Wittemann Bros., machsts., 41 Ferris, Brooklyn, N. Y.
Wittemann Co., machsts., 842 Elk, Buffalo, N. Y.
Wittemann, Lewis, Aircraft Co., Inc., Feterboro, adjacent to Hasbrouck Hts. Sta.
Wittemeir's, F., Sons, corn & whisk brooms, Fort Hunter, N. Y.
Witten, B. V., & Sons, masons' & bldrs.' matls., Byesville, O.
Witter, Jno., brick, Bucyrus, Ohio.
Wittich, Hy., Carriage & Wagon Co., 1222 N. 7th, St. Louis, Mo.
Wittig, A. F., contractor, 2554 Bailey av, Buffalo, N. Y.
Wittig, F., & Co., charcoal, 36th & Greenfield av, Milwaukee, Wis.
Wittkowsky, H., carriages, 203 E. 88th, New York.
Wittman, N. B., & Co., iron ore, Commercial Trust Bldg., Phila., Pa.
Witts & Witts, common brick, Sullivan, Ill.
Witty, Chas. H., & Co., cotton damasks, Wayne & Berkley, Philadelphia, Pa.
Witty, Wm. C., carriages, New Brunswick, N. J.
Wix, Chas., & Co., paint mfrs., 45 Vesey, New York.
Wizard Electric Lamp Co., 147 New Montgomery, San Francisco, Cal.
Wizard Products Co., mops, 1444 W. 37th, Chicago, Ill.
Wobosel, Matthew, stone producers, De Pere, Wis.
Woburn Degreasing Co., Woburn, Mass.
Woburn Gear Works, Woburn, Mass.
Woburn Iron Foundry, Woburn, Mass.
Woburn Leather Co., patent & enameled leather, Woburn, Mass.
Woburn Machine Co., Woburn, Mass.
Wocher, H. M., & Son, varnish mfrs., 1222 W. College av, Phila., Pa.
Wocher, Max, & Son, Co., surgical & dental instruments & hospital furniture, 19 W. 6th, Cincinnati, Ohio.
Wodrich & Son, contractors, Metropolitan Life Bldg., Minneapolis, Minn.
Wodtli, Fred., lbr., Foster, Ore.
Woeber Car & Mfg. Co., Denver, Colo.
Woeber Carriage Works, Davenport, Iowa.
Woeck & Behrens, contractors, Arcade Bldg., Seattle, Wash.
Woehler, Geo., brick, Haubstadt, Ind.
Woelfel Leather Co., Morris, Ill.
Woelkers, Herman J., & Co., contractors, Scranton, Pa.
Woerfel, Adolph, brick, Manitowoc, Wis.
Woerman Constr. Co., Syndicate Trust bldg, St. Louis, Mo.
Woerner, Adolph, architect, 3166 Lincoln av, Chicago, Ill.
Woerner, Adolph, Jr., architect, 4210 N. Lincoln av, Chicago, Ill.
Woerner, F. J., architect, Sumpter Bldg., Dallas, Tex.
Woerner, M. N., mattresses, 616 Blackhawk, Chicago, Ill.
Wogaman Bros. Co., machinists, Greenville, Ohio.
Wogan, Maurice A., contractor, 1st Nat. Bk. Bldg., Denver, Colo.
Wohl, M. J., & Co., arc lamps, 211 Fulton, Brooklyn, N. Y.
Wohlberg, L., 1664 Boone av, New York.
Wohleb, J. H., architect, Olympia, Wash.
Wohlfeld S., & Bro., auto trunks, 538 N. 3d, Phila., Pa.
Wohlpart, Adolph P., architect, 2 W. 45th, New York.
Wohlsen, Herman F., contractor, Lancaster, Pa.
Wohlsen Planing Mill Co., sash, door & blind, 417 N. Mulberry, Lancaster, Pa.
Wojahn, Erick, architect, 3592 E. K., Tacoma, Wash.
Wolcott Brick & Drain Tile Co., Wolcott, Ind.
Wolcott Bros., lbr. mfrs., Manchester, Ia.
Wolcott, J. F., & Co., flour mills, South Carrollton, Ky.
Wold Air Brush Mfg. Co., 716 W. Madison, Chicago, Ill.
Wold, C. L., Co., contractors, 75 Sutter, San Francisco, Cal.
Woldert, Alex. & Co., canned gds. & nut crackers, Tyler, Tex.
Woldert Grocery Co. See Woldert, Alex., Co. (successor).
Wolf, A. C., architect, Swetland Bldg., Cleveland, Ohio.
Wolf Bros., press papers & boards, 330 N. 12th, Phila., Pa.
Wolf Bros., Tent & Awning Co., Omaha, Neb.
Wolf, C. K., gate hinges, Xenia, Ohio.
Wolf, Chas., masons' & bldrs.' matls., 204 Waverley av & Peshine, Newark, N. J.
Wolf, Clarence J., architect, 3 S. 3d av, Mount Vernon, N. Y.
Wolf & Co., advtg. nov. & spec., Franklin Bank Bldg., Phila., Pa.
Wolf Co., flour mill machinery, Chambersburg, Pa.
Wolf & Co., scrap iron, Hamilton, Ohio.
Wolf Concrete Constr. Co., 290 Palisade av, Bridgeport, Conn.
Wolf Creek Soap Wks., Dayton, Ohio.
Wolf Elec'l Promoting Co., cutting machs. for fabrics, 5th & Sycamore, Cincinnati, O.
Wolf Envelope Co., E. 22d & Payne av, Cleveland, Ohio.
Wolf & Ewing Construction Co., Hume-Mansur Bldg., Indianapolis, Ind.
Wolf, Fred W., Co., mill & facty. supplies, 800 N. Clark, Chicago, Ill.
Wolf, Geo. B. Mc., contractor, Hagerstown, Md.
Wolf Greenspan & Sons, willow baskets & furniture, 686 Grand, Brooklyn, N. Y.
Wolf, Henry F., machst. & fndr., Plymouth, Wis.
Wolf, Herman & Co., varnish mfrs., 214 W. Liberty, Cincinnati, Ohio.
Wolf, Jacques, & Co., chemicals, alizarine assistant, Passaic, N. J.
Wolf, John M., Co., stove polish, 742 Flushing av, Brook'n, N. Y.
Wolf, Leon L., Paint Co., 304 Lincoln Inn Ct, Cincinnati, Ohio.
Wolf, Louis, stone producers, Berlin, Pittsburgh, Pa.
Wolf Mach. Co., sash operating device, Dayton, Ohio.
Wolf Mfg. Co., harness mfrs., Quincy, Ill.
Wolf Milling Co., flour, Ellinwood, Kans.
Wolf, Paul E., Bedding Co., mattresses, Ft. Wayne, Ind.
Wolf, Penrose, lumber, Rockwood, Pa.
Wolf River Paper & Fiber Co., Shawano, Wis.
Wolf River Lbr. Co., Antigo, Wis.
Wolf Safety Lamp Co. of Am., 227 Grand av, Brooklyn, N. Y.
Wolf, Sayer & Heller, slicing & talking machines, presses, etc., Fulton & Peoria, Chicago, Ill.
Wolf, W., & Sons, cotton waste, 549 Atlantic av, Boston, Mass.
Wolfberg, Jacob, mattresses, Altoona, Pa.
Wolfe, Arthur C., brick, Mount Vernon, Ohio.
Wolfe Brush Co., Penn av. & Bidwell, Pittsburgh, Pa.
Wolfe, C. M., contractor, Fremont, Ohio.
Wolfe, Chas. E., architect, Pomona, Cal.
Wolfe, D. M., Co., contractors, 7827 Hamilton av, Pittsburgh, Pa.
Wolfe, F. D., architect, Anzerais Bldg., San Francisco, Cal.
Wolfe, F. L., contractor, Two Rivers, Wis.
Wolfe, G. Morton, architect, 1377 Main, Buffalo, N. Y.
Wolfe & Higgins, architects, Azerais bldg, San Jose, Cal.
Wolfe, Ira T., architect, 5231 11th av, N. E., Seattle, Wash.

Wolfe, J. N., sashes, doors & blinds, Bogota, N. J.
Wolfe & Jelson, contrs., West Orange, N. J.
Wolfe, John, architect, 9 E. 48th, New York.
Wolfe Lbr. & Hdwe. Co., whol. hdwe., 2299 Folsom, San Francisco, Cal.
Wolfe, M. L., Auto. Co., machsts., Knoxville, Tenn.
Wolfe, R. H., & Son, flour mills, Georgetown, Ky.
Wolfe, T. B., architect, Perrysville av, Pittsburgh, Pa.
Wolfe, W. H., architect, 159 Carteret av, Jersey City, N. J.
Wolfe, W. S., machinist, Wilson, Kans.
Wolfenden, Daniel, mill & facty. supplies, 232 Arch, Phila., Pa.
Wolfersheim, H. H., contr., Downers Grove, Ill.
Wolff Bros., contrs., Jefferson City, Mo.
Wolff, Chas., Packing Co., Topeka, Kans.
Wolff, E. M., & Co., granite producers, Mansfield, Ohio.
Wolff, Fred'k E., printing inks, 607 S. Dearborn, Chicago, Ill.
Wolff, Herman, architect, 432 4th av, New York.
Wolff, Kubley & Hirsig, cornices, Madison, Wis.
Wolff, L., Mfg. Co., plumbers' supplies, jobbers', 111 N. Dearborn, Chicago, Ill.
Wolff Mfg. Co., plumbers' supplies, 255 N. Hoyne av, Chicago, Ill.
Wolff, L. A., Metal Works, babbitt metal, etc., 1257 Harrison av, Cincinnati, Ohio.
Wolff Metal Co., 1803 John, Cincinnati, Ohio.
Wolff Milling Co., flour, New Haven, Mo.
Wolff, Philip, & Son, contractors, 17 Wright, Stapleton, N. Y.
Wolff, Wm., architect, 1728 Wells, Milwaukee, Wis.
Wolff, Wm. D., & Co., heating contrs., 108 S. 13th, Newark, N. J.
Wolfley, Chester E. H., architect, 108 N. State, Chicago, Ill.
Wolfington's, Alex., Son, carriages, 8 N. 20th, Philadelphia, Pa.
Wolflin-Luhring Co., lbr. mfrs., Evansville, Ind.
Wolfram, H. A., Inc., cigar boxes, 16H 21st, Watervliet, N. Y.
Wolfschlag, Jos. A., machsts. & fndrs., 456 Pearl, New York.
Wolfshum & Sachs, jewelry cases, 35 Maiden la, New York.
Wolfson Bros. Umbrella Co., 392 B'way, New York
Wolfsteiner Co., cornices & skylights, 1315 W. W. W., Waterbury, D. C.
Wolins & Bull, Inc., contrs., 214 Fulton, New York.
Woll, F. P. & Co., curled hair, Church & Tacony, Phila., Pa.
Woll, Peter, & Sons Mfg. Co., curled hair, bristles, Mascher & Berks, Philadelphia, Pa.
Wollaeger Mfg. Co., store fixtures & furniture, 28 Junean av., Milwaukee, Wis.
Wollaston Fndry. Co., semi-steel castings, Quincy, Mass.
Wollensak Optical Co., Rochester, N. Y.
Wollenweber, O., Co., lumber mfrs., White Bldg., Seattle, Wash.
Wollet, E. E., lbr., Littletown, N. C.
Wolmark Chem. Co., essential oils, 17 E. 14th, New York.
Wolsh Boiler & Iron Wks., tanks & boilers, 221 Liberty, Springfield, Mass.
Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.
Woltersdorf, Arthur. See Woltersdorf & Bernard (successor).
Woltersdorf, Arthur F., architect, 138 N. La Salle, Chicago, Ill.
Wolterstorff Range Co., 66 E. 3d, St. Paul, Minn.
Woltman Carriage & Wagon Co., Woodland av, Cleveland, Ohio.
Woltz, Jas. W., architect, Waynesboro, Pa.
Wolverine Brass Works, plumbers' supplies, Grand Rapids, Mich.
Wolverine Burial Cast Co., coffins, etc., 680 E. Congress, Detroit, Mich.
Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.
Wolverine Lubrts. Co. of New York, 44 Whitehall, New York.
Wolverine Lbr. Co., Bay City, Mich.
Wolverine Mch. Wks., Saginaw, Mich.
Woolverine Mfg. Co., furniture, Dept. H, 12th & Stanley, Detroit, Mich.
Wolverine Motor Wks., machsts., Bridgeport, Conn.
Wolverine Paper Co., Otsego, Mich.
Wolverine Portland Cement Co., Coldwater, Mich.
Wolverine Saw Co., 522 E. Fort, Detroit, Mich.
Wolverine Soap Co., Portland, Mich.
Wolverine Supply & Mfg. Co., machsts. & fndrs., Page & Fontella, Pittsburgh, Pa.
Wolverine Temperature Regulator Co., thermostats, Marshall, Mich.
Wolverine Tube Co., 1411H Central av, Detroit, Mich.
Wolverton Mfg. Co., rat traps, Hoton, Kans.
Womack, A. L., Co., canned goods, Bristol, Tenn.
Womack, C. W., & Co., contractors, Lynchburg, Va.
Womble, Pembroke M., lbr. mfrs., Elliott & Inwood av, Baltimore, Md.
Womble's, J. G., Sons, whole. hdwe., Norfolk, Va.
Wonder Mfg. Co., machsts., Syracuse, N. Y.
Wonder Spool Co., tex. machy., supplies, etc., 13 Wormwood, Boston, Mass.
Wonder Talking Mach. Co., 105 E. 12th, New York.
Wonderly, Abner H., machsts. & fndrs., 621 Commerce, Philadelphia, Pa.
Wondermist Co., floor & furniture polish, 261 Franklin av, Boston, Masss.
Wondertone Phonograph Co., talking machines, 19 W. Jackson blvd, Chicago, Ill.
Wood, A. A., & Sons Co., tools & machy., Atlanta, Ga.
Wood, A. C., textile machinery supplies, Advance, N. C.
Wood, A. M., Co., lbr., Charlestown, Boston, Mass.
Wood, A. M., & Co., scrap iron & steel, Finance Bldg., Phila., Pa.
Wood Alan Iron & Steel Co., iron rolling mill, Conshohocken, Pa.
Wood & Allison, brick, Haverstraw, N. Y.
Wood, Arthur W. B., architect, 103 Park av, New York.
Wood & Bishop Co., furnaces, etc., Bangor, Me.
Wood & Bradney, architects, 19 W. Huron, Buffalo, N. Y.
Wood, Brightman & Co., cornices, skylights & plumbers' supplies,, New Bedford, Mass.
Wood Brothers, fertilizer, Conyers, Ga.
Wood Bros., masons' & bldrs.' matls., Linwood Station, Pa.
Wood Bros. Thresher Co., Des Moines, Ia.
Wood, C. D., Elec. Co., lamps, flashlights, etc., 441 B'way, New York.
Wood, C. H., Co., mill & facty. supplies, machy. dlrs., Syracuse, N. Y.
Wood, C. L., masons' & bldrs.' matls., Piqua, Ohio.
Wood, C. W., masons' & bldrs.' matls., Andover, Ohio.
Wood, Calvin, brass composite fundrs., Laconia, N. H.
Wood, Chas. N. Co., elec. ry. spec., 294H Washington, Boston, Mass.
Wood, Chas. R., architect, E. 2313 5th av, Spokane, Wash.
Wood, Clarence W., plate & leaded glass, Syracuse, N. Y.
Wood-Detroit Mfg. Co., bronze business signs, bronze memorial tablets, bronze name plates, Marquette Bldg., Detroit, Mich.
Wood Drill Wks., machsts., Paterson, N. J.
Wood, E. K., Lumber Co., East Oakland, San Francisco, Cal.
Wood, E. M., architect, Alma, Mich., & 126 N. 8th, Quincy, Ill.
Wood, Edw. J., Clarksburg, W. Va.
Wood Equipment Co., rotary pumps, 1220 E. 75th, Chicago, Ill.
Wood, Ewing, Iron Works, Portland, Ore.
Wood, F. A., cornices & skylights, Skowhegan, Me.
Wood, F. B., contractor, 64 Gibson, Detroit, Mich.
Wood, Frank V., wood handles, Valley City, Ohio.
Wood, G. E., Tool Co., hdwe. mfrs., Plantsville, Conn.
Wood, Geo. E., architect, 103 Park av, New York.
Wood, Geo. E., Lumber Co., 230 S. La Salle, Chicago, Ill.
Wood, Geo. H., architect, Everett, Mass.
Wood, Geo. H., Corp., rubber cements, 146 Summer, Boston, Mass.
Wood Glass Co., Syracuse, N. Y.
Wood, H. C., Co., contractors, North Adams, Mass.
Wood, H. H., & Co., socks—lumbermen's, Lakeport, N. H.
Wood & Hare, glue, cements, 66 Leonard, New York.
Wood, Harry I., Co., elec. & gas light fix. mfrs., Louisville, Ky.
Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.
Wood & Iverson, lumber, Hobart, Wash.
Wood, J., & Bros. Co., iron rolling mills, Conshohocken, Pa.
Wood, J. Early, Inc., permanganate sodium, nitric & hydrochloric acid, 246H Water, New York.
Wood, J. Edwin, Co., steam fitters' supplies, Charlottesville, Va.
Wood, J. J., & Son, contractors, Elwood, Ind.
Wood, J. R., Supply Co., mill & facty. supplies, 917 B'way, Cincinnati, Ohio.
Wood, J. W., Elastic Web Co., shock absorbers, 45 E. 17th, New York.
Wood, J. W., Elastic Web Co., 181 N. Lake, Chicago, Ill.
Wood, Jas. A., lumber, Ames Bldg., Boston, Mass.
Wood, Jas. H., lbr., Calico Rock, Ark.
Wood, Jas. M., architect, Wilmette, Ill.
Wood, Jas. P., Htg. Co., 239 N. 4th, Philadelphia, Pa.
Wood, John A., & Son Co., masons' & bldrs.' matls., Lawrence, N. Y.
Wood, John, Iron Wks., Portland, Ore.
Wood, Jno., Mfg. Co., machsts. & fndrs., Conshohocken, Pa.
Wood, L. M., architect, 629 Kansas av, Topeka, Kans.
Wood, L. S., contractor, Springfield, Mass.
Wood, Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.
Wood, Lyman, Mfg. Co., machsts. & fndrs., Racine, Wis.
Wood Mfg. Co., auto. lamps, searchlights or projectors, Fairfield, Conn.
Wood, Morris, & Son, machsts., 5108 W. Lake, Chicago, Ill.
Wood-Mosaic Co., parquet flooring, 130 W. 42d, New York, & New Albany, Ind.
Wood, N. A., canned goods, Troutville, Va.
Wood, P. D., & Co., masons' & bldrs.' matls., Warrenton, Va.
Wood Products Co., alcohol, Buffalo, N. Y.
Wood Pump Co., 375 Central, Los Angeles, Cal.
Wood, R. D., & Co., engineers, iron fndrs., machsts—multiple punching machs., 400 Chestnut, Philadelphia, Pa.
Wood, R. E., Lumber Co., Continental Trust Bldg., Baltimore, Md.
Wood-Russ Lbr. Co., Red Lick, Miss.
Wood, S. C., & Son, elastic hosiery, Pittsfield, Mass.
Wood, S. L., stoves, 1249 S. Figueroa, Los Angeles, Cal.
Wood, S. W., Engine Co., Clyde, N. Y.
Wood & Safford Mach. Wks., cylinder grinders & piston rings, Great Falls, Mont.
Wood & Selick, paste, 36 Hudson, New York.
Wood, Shovel & Tool Co., The, Piqua, Ohio.
See adv. index at end of book.
Wood, Smith & Co., machsts., Chicago Heights, Ill.
Wood & Spencer Co., machsts. & fndrs., 1930 E. 61st, Cleveland, Ohio.
Wood, Stubbs & Co., fertilizer mfrs., Louisville, Ky.
Wood, T. B., Sons Co., power transmission machy., Chambersburg, Pa.
Wood, T. C., Hardware Co., Rhinelander, Wis.
Wood, T. H., Co., fish line mfrs., South Coventry, Conn.
Wood, Theo. C., masons' & bldrs.' matls., 613 Greenwich, New York.
Wood, Thos., stone, Montclair, N. J.
Wood, Thos. F., ship chandlery, Dept. H, Wilmington, Del.
Wood Turret Mach. Co., Brazil, Ind.
Wood & Van Derwerken Varnish Co., 33 Wythe av, Brooklyn, N. Y.
Wood, Vest & Co., masons' & bldrs.' matls., Charlottesville, Va.
Wood, W. A., Co., lubrg. oils, 373 Atlantic av, Boston, Mass.
Wood, W. C., Lumber Co., Collins, Miss.
Wood, W. E., Co., contractors, Ford Bldg., Detroit, Mich.
Wood, W. E., Co., steam fitters' supplies, 18 N. Howard, Baltimore, Md.
Wood, W. G., & Son, canned goods, Roanoke, Va.
Wood, W. H., machst., Media, Pa.
Wood, W. J., naval archt., 140 W. Van Buren, Chicago, Ill.
Wood, W. Wilton, masons' & bldrs.' matls., Huntington, N. Y.
Wood, Waddy B., architect, 816 Conn. av., N. W., Washington, D. C.
Wood, Walter A., Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
Wood, Wm. F., & Son, lenses, South Coventry, Conn.
Wood, Wm. H., Lbr. Co., Cambridge, Mass.
Wood, Williston P., lumber, Grand Valley, Pa.
Wood Workers' Tool Wks., knives, 230 S. Clinton, Chicago, Ill.
Wood Working & Stair Building Co., sash, door & blind, Williamsport, Pa.
Woodall Mfg. Co., machsts. & fndrs., Davenport, Ia.
Woodall, Wm. E., & Co., ship bldrs., ft. of Woodall, Baltimore, Md.
Woodard Furn. Co., Dept. H, Owasso, Mich.
Woodard Machine Co., mfrs. Canton-Hughes pumps, etc., Wooster, Ohio.
Woodard & Wright Last Co., wooden shoe lasts, Brockton, Mass.
Woodason, Thos., blacksmiths' bellows, 2900 D., Philadelphia, Pa.
Woodbridge Clay Products Co., fire clay, Perth Amboy, N. J.
Woodbridge, F. L., Box Co., Brockton, Mass.
Woodbridge Pottery Co., Woodbridge, N. J.
Woodbridge, S. Homer, consltg. htg. engr., 171 Newbury, Boston, Mass.
Woodburn Lumber Co., Woodburn, Ind.
Woodburn Tile & Brick Co., Woodburn, Ind.

Woodbury & Co., cameras, Worcester, Mass.
Woodbury Glass Co., glass bottles, Winchester, Ind.
Woodbury Granite Co., granite producers & workers, Hardwick, Vt.
Woodbury, I. F., & Sons Co., contractors, 185 Summer, Boston, Mass.
Woodbury Label Co., mfrs., Woodstock, Vt.
Woodbury Mill & Lumber Co., sash, door & blind, Woodbury, N. J.
Woodbury Oil Mills, Woodbury, Ga.
Woodbury & Stuart, architects, 581 Boylston, Boston, Mass.
Woodcock, A. B., blankets, flannels, woolen, Waterside, Pa.
Woodcock Bros., granite, Barre, Vt.
Woodcock Bros., mill & facty. supplies, 562 W. Randolph, Chicago, Ill.
Woodcock, Clarence, contractor, Burlington, Ia.
Woodcock, M. E., lbr., Edwards, N. Y.
Woodcock, O. P., contractor, Jacksonville, Fla.
Woodcock & Walter, contrs. Dept. H, Burlington, Iowa.
Woodcox, I. N., & Son, mill & facty. supplies, Piqua, Ohio.
Woodcraft Co., furniture, Dept. H, Atlanta, Ga.
Wooddul, Geo. E., contr., Gridley, Ill.
Wooden Ventilator Co., East Palestine, Ohio.
Woodfall Bros., smelters & refiners, 1105 Fairmount av., Phila., Pa.
Woodford, H. W., lumber mfrs., Avon, Conn.
Woodhead Lbr. Co., Los Angeles, Cal.
Woodhouse Chain Wks., Trenton, N. J.
Woodhouse Electric Co., whol. supplies, Norfolk, Va.
Woodhouse, J. S., Co., agricultural implements, 191 Water, New York.
Woodhouse, John H., sash, door & blind mfr., 1 Bishop, Jersey City, N. J.
Woodhouse Mfg. Co., water towers, hose carts, etc., 64 W. B'way, New York.
Woodhouse, Sam'l F., varnish, color mfr., etc., Unity & Franklin, Phila., Pa.
Woodhouse, Wm., Chain Mfg. Co., chain manfrs., Edgely-Bucks Co., Pa. *See adv. index at end of book.*
Woodin & Little, mill & facty. supplies—engines, etc., 33 Fremont, San Francisco, Cal.
Wooding, C. F., & Co., Wallingford, Conn.
Woodison, E. J., Co., parting compounds, fire brick & fndry. requisites, 1621 St. Aubin av., Detroit, Mich.
Woodland Mfg. Co., coffins, George, N. C.
Woodlawn Metal Co., scrap brass, copper, etc., 332 W. 26th, New York.
Woodlawn Mill & Boom Co., Hoquiam, Wash.
Woodlawn Repair Co., machsts., 6132 Cottage Grove av, Chicago, Ill.
Woodley Slate Co., Bangor, Pa.
Woodley Soap Mfg. Co., 33 Norfolk av, Rox., Boston, Mass.
Woodley, Wm. T., contractor, 6 N. Clark, Chicago, Ill.
Woodlife Co., shingle stains, 262 Fulton, Brooklyn, N. Y.
Woodman, R., Mfg. & Supply Co., badges & emblems, 82 Sudbury, Boston, Mass.
Woodmanse Mfg. Co., machsts. & fndrs., Freeport, Ill.
Woodmansee, F. A., inks, paste, etc., 117 E. Pearl, Cincinnati, O.
Wood Newspaper Machy. Corp., Plainfield, N. J.
Woodnutt, C. E., contractor, Williamsport, Pa.
Woodoleum Mfg. Co., sanitary flooring, Liberty Bldg., Philadelphia, Pa.
Woodring, Jeremiah, & Co., whol. hdwe., mill & facty. supps., Hazelton, Pa.
Woodroofe, Arnott, architect, Potlach Lumber Co., Spokane, Wash.
Woodroofe, A., architect, Berlin Bldg., Tacoma, Wash.
Woodroofe, Griffin & Hill, architects, Tacoma Bldg., Tacoma, Wash.
Woodrow Mfg. Co., elec. washing machines, Newton, Iowa.
Woodruff, C. Curtis, & Co., contractors 211 10th, Long Island City, N. Y.
Woodruff Coal & Iron Co., 240-44 Oliver Bldg., Pittsburgh, Pa.
Woodruff Cotton Mills, Woodruff, S. C.
Woodruff & Edwards Co., archl. & ornmtl. iron, Elgin, Ill.
Woodruff, H. B., architect, 333 4th av, New York.
Woodruff, John T., & Son, contractors, 1 Bridge Plaza, Long Island City, N. Y.
Woodruff Lbr. Co., Duluth, Minn.
Woodruff Machy. Mfg. Co., machsts. & fndrs., Winder, Ga.
Woodruff Oil & Fertz, Co., meal, Woodruff, S. C.
Woodruff Planing Mill Co., Cadiz, Ky.
Woodruff, S. D., & Sons, fertilizer mfrs., Orange, Conn.
Woodruff, S. H., architect, 269H S. Larchmont blvd., Los Angeles, Cal.
Woodruff, W. W., Hardware Co., Knoxville, Tenn.
Woodruff, W. W., & Sons Co., hdwe. mfrs., machsts. & fndrs.—felloe plates, Mount Carmel, Conn.
Woods, A. W., architect, Ganter Bldg., Lincoln, Neb.
Wood's, Beder, Sons Co., masons' & bldrs.' matls., Moline, Ill.
Woods Bros., Silo & Mfg. Co., Lincoln, Neb.
Woods, C. E., & Son, masons' & bldrs.' matls, Keene, N. H.
Woods & Co., wooden tanks, 59 Park pl, New York.
Woods Cross Canning Co., Woods Cross, Utah.
Woods & Down, pckg. box mfrs., 13th & Mullanphy, St. Louis, Mo.
Woods, Edwin S., & Co., side bearings, 332 S. Michigan av, Chicago, Ill.
Woods Engineering Co., grinders, milling mach. attachments, rip saw & special machy., Alliance, Ohio.
Woods-Evertz Stove Co., Springfield, Mo.
Woods, F. C., & Co., fishing tackle, mfrs., Alliance, Ohio.
Woods, Frank W., architects, 212 Union, Providence, R. I.
Woods & Golder Constr. Co., New Castle, Pa.
Woods & Hansen, mill & facty. supplies, Taft, Cal.
Wood's, Henry, Sons Co., yellow chrome, Wellesley, Mass.
Woods, Huddart & Gunn, steel reinforcing bars, 444 Market, San Francisco, Cal.
Wood's, I. B., Sons Co., power transmission machy., Chambersburg, Pa.
Woods, J. Lee, & Son, contrs., Wheeling, W. Va.
Woods, J. S., foods (cereal, prepared, etc.), Fredericksburg, Va.
Woods & Jensen, architects, Ogden, Utah.
Woods, Lewis H., Constr. Co., Canal & B'way, New York.
Woods-Lloyd Co., crucible mfrs., S. 30th & Jane, Pittsburgh, Pa.
Woods Mobilette Co., automobile bldrs. 2007 S. Michigan av., Chicago, Ill.
Woods Motor Vehicle Co., storage battery trucks, 2515 Calhnall, Chicago, Ill.
Woods, S. A., Mach. Co., woodworking machy. mfrs., 27 Damrell, Boston, Mass.
Woods-Sherwood Co., bright wire goods, Worcester, Mass.
Woodsboro Canning Co., Woodsboro, Md.
Woodsend, Hy. E., architect, 92 5th av, New York.
Woodside Cotton Mills Co., damasks, Greenville, S. C.
Woodside Elec. Shops Co., Metuchen, N. J.
Woodside Mfg. Co., elastic webbing, 210 Sylvan, Newark, N. J.
Woodside Sterling Co., nov., 170 B'way, New York.
Woodson, E. J., Co., parting compounds, fire brick & fdry. requisites, 1621 St. Aubin, Detroit, Mich.
Woodson & Graves. See Southern Stave & Lumber Co. (successor).
Woodson, J. B., flour mills, Lowesville, Va.
Woodson Lbr. Co., Woodson, Va.
Woodstock Cotton Mills, Anniston, Ala.
Woodstock Lbr. Co., 131 State, Boston, Mass.
Woodstock Mfg. Co., box shooks, etc., Charleston, S. C.
Woodstock Mfg. Co., packing boxes, toys, Rochester, N. Y.
Woodstock Oil & Fertilizer Co., Woodstock, Ga.
Woodstock Operating Corp., blast furnaces, Anniston, Ala.
Woodstock Typewriter Co., 35 N. Dearborn, Chicago, Ill.
Woodstown Ice & Cold Storage Co., masons' & bldrs.' matls., Woodstown, N. J.
Woodtite Laboratories, wood preservatives, Modesto, Cal.
Woodville Lime Products Co., 622 Madison av, Toledo, Ohio.
Woodville Oil Co., fertilizer mfrs., Woodville, Ga.
Woodward, A. H., Co., masons' & bldrs.' matls., 128 Passaic, Newark, N. J.
Woodward, C. T., masons' & bldrs.' matls., Carlinville, Ill.
Woodward & Cochey, furniture binding, Lynn, Mass.
Woodward Co., machsts., Fresno, Cal.
Woodward Co., whol. hdwe., Albany, N. Y.
Woodward, Frank E., & Co., htg. contrs., 19 Friend, Boston, Mass.
Woodward Governor Co., Rockford, Ill.
Woodward Hardware Co., Cairo, Ill.
Woodward, I. L., contr., Ottawa, Ill.
Woodward Iron Co., Woodward, Ala.
Woodward, Jno. C., architect, Council Bluffs, Ia.
Woodward, John, & Co., contractors, Atlantic Highlands, N. J.
Woodward Lumber Co., Augusta, Ga.
Woodward Mach. Co., Hudson, Mass.
Woodward & Powell Planer Co., planing machines, Worcester, Mass.
Woodward & Son, lbr., Richmond, Va.
Woodward & Stein, cornices & skylights, Spokane, Wash.
Woodward & Tiernan Printing Co., advertising novelties, labels, etc., 309 N. 3rd, St. Louis, Mo.
Woodward Truck Attachment Co., Los Angeles, Cal.
Woodward-Wanger Co., brass elbows, plugs, washers, bushings, etc., 1106 Spring Grove av, Phila., Pa.
Woodward & Walker, lbr., Dubberly, La.
Woodward, Wight & Co., Ltd., mill & factory supplies, ship chandlers, etc., Howard av & Constance, New Orleans, La.
Woodwell, Jos., Co., mill & facty. supplies—whol. hdwe., 207 Wood, Pittsburgh, Pa.
Woodworker Mfg. Co., machy., 612 Brush, Detroit, Mich.
Woodworkers Hdwe. Mfg. Co., 1415H Dayton, Chicago, Ill.
Woodworkers' Mfg. Co., universal woodwkg. machy., 96 Brush, Detroit, Mich.
Woodworkers' Mfg. Co., universal, 96 Bush, Detroit, Mich.
Woodworkers Tool Works, 222 S. Jefferson, Chicago, Ill.
Woodworth & Jenney Co., contrs., New London, Conn.
Woodworth Knife Wks., Nunda, N. Y.
Woodworth Mfg. Co., auto accessories, H. Starr av, Binghamton, N. Y.
Woodyatt, Ernest, architect, 619 Colfax av, Evanston, Ill.
Wool, F. G. Packing Co., canned goods, San Jose, Cal.
Woolbert, Chas. W., machsts & fndrs., Elmer, N. J.
Woolcott Flour Mills, Lexington, Ky.
Wooldridge Bros., masons' & bldrs.' matls., Versailles, Ky.
Wooldridge, Robt. A., Co., fertilizer mfrs., Fidelity Bldg., Baltimore, Md.
Woolett, W. L., architect, 405 S. Hill, Los Angeles, Cal.
Wooley, J., Coal Co., Evansville, Ind.
Wooley, Jno. E., & Sons, plbrs. supplies, Evansville, Ind.
Woolf Laboratories, Inc., disinfectants, 230 Greenwich, New York.
Woolford, G. Wood Tank Mfg. Co., Lincoln Bldg., Phila., Pa.
Woolford, N. B., Oakum Co., 601 S. Luzerne av, Baltimore, Md.
Woolford Packing Co., canned goods, Washington & Aliceanna, Baltimore, Md.
Woolford & Thomas, scrap iron, 1726 Thames, Baltimore, Md.
Woollett, John W., architect, First Nat'l Bk. Bldg., Oakland, Cal.
Woolley, A. S., Co., fertilizer mfrs., Seaford, Del.
Woolley, G. C., Co., lubrg. oils & greases, 502 E. 20th, New York.
Woolley, Geo., & Co., contractors, Long Branch, N. J.
Woollitt & Woollitt, architects, 1003 K, Sacramento, Cal.
Woolner & Co., acids, Peoria, Ill.
Woolner Distilling Co., Peoria, Ill.
Woolling, K. K., architect, Indl Pythian, Indianapolis, Ind.
Woolner, W. C., landscape arch., 131 State, Boston, Mass.
Woolsey, C. A., Paint & Color Co., 490 Grand, Jersey City, N. J.
Woolsey, Heathcothe M., architect, 4 E. 39th, New York.
Woolson, James B., umbrella mountings, Watertown, Conn.
Woolston, Chas. T., carriages, Riverton, N. J.
Woolwine Metal Products Co., sheet metal products, canteens, etc., 8th & Santa Fe av, Los Angeles, Cal.
Woonsocket Brush Co., Woonsocket, R. I.
Woonsocket Lumber Co., Woonsocket, R. I.
Woonsocket Mach. & Press Co., Woonsocket, R. I.
Woonsocket Napping Machy. Co., Woonsocket, R. I.
Woonsocket Rubber Co., boots & shoes, Woonsocket, R. I.
Woonsocket Supply Co., mill & facty. supplies, Woonsocket, R. I.
Wooster Brush Works, Wooster, O.
Wooster, Chas. B., stone producers, Ansonia, Conn.
Wooster Machine Co., Wooster, Ohio.
Wooster Preserving Co., canned, Wooster, Ohio.
Wooster Shale Brick Co., Wooster, Ohio.
Wooten, L. E., contractor, Columbus, Ga.
Wooters, Wm. H., architect, 816 Allegheny av, Phila., Pa.
Wootten & Peckworth, machsts., 1122 Hamilton, Phila., Pa.
Worcester Abrasive Co., Worcester, Mass.

Worcester Brass Co., Worcester, Mass.
Worcester Brick Co., concrete tile roofing, Worcester, Mass.
Worcester Brush & Scraper Co., Worcester, Mass.
Worcester, C. H. See Greenwood Lbr. Co. (successor).
Worcester China Co., Sebring, Ohio.
Worcester Counter Co., shoe welting, etc., Worcester, Mass.
Worcester Elastic Stocking & Truss Co., Worcester, Mass.
Worcester Elec. & Mfg. Co., machsts., Worcester, Mass.
Worcester Envelope Co., Worcester, Mass.
Worcester Fertilizer Co., Snow Hill, Md.
Worcester Gear Wks., Inc., jobbing machsts., 33 N. Foster, Worcester, Mass.
Worcester Lathe Co., Worcester, Mass.
Worcester Lawn Mower Co., grass catchers & lawn mowers, Worcester, Mass.
Worcester Loom Wks., machsts., 7 Summer, Worcester, Mass.
Worcester Lbr. Co., Chassell, Mich.
Worcester Lunch Car & Carriage Co., Worcester, Mass.
Worcester Mach. Co., friction clutches, Worcester, Mass.
Worcester Machine Screw Co., Standard Screen Co., successors,, Worcester, Mass.
Worcester Mfg. Co., door checks & tire vulcanizers, Worcester, Mass.
Worcester Pattern & Model Co., grinders for woodworking tools, mfrs., 93 Foster, Worcester, Mass.
Worcester Polytechnic Institute, engng. school & coll., Worcester, Mass.
Worcester Pressed Steel Co., light & heavy metal stampings, Worcester, Mass.
Worcester, Richard H., engr., Seattle, Wash.
Worcester Rubber Co., Worcester, Mass.
Worcester Salt Co., 71 Murray, New York.
Worcester Stained Glass Wks., Worcester, Mass.
Worcester Stamped Metal Co., metal stampings, 9 Hunt, Worcester, Mass.
Worcester Tire Fabric Co., Worcester, Mass.
Worcester Wire Novelty Co., rat traps, Emerson Tower bldg, Baltimore, Md.
Wordell, E., & Son, cornices & skylight, ferrules, Taunton, Mass.
Worden-Allen Co., steel structural work, Pt. Washington rd., Milwaukee, Wis.
Worden Chemical Wks., 4 Cedar, New York.
Worden, G. G., architect, Kalamazoo, Mich.
Worden Ink & Mfg. Co., 132 Church, New York.
Worden, L. B., plumb rules, Penn Yan, N. Y.
Worden Tool Co., machine knives, 1854 Scranton rd, Cleveland, Ohio.
Worden, W. H., Co., machy. dlrs., 528 1st av, S, Seattle, Wash.
Worel Hdwe. Co., mill & facty. supplies, Manitowoc, Wis.
Worel & Stangel, Co., whol. hdwe., Manitowoc, Wis.
Work, N. P., architect, Clinton, Ia.
Work Organizer Specialties Co., 87 Jefferson av, Detroit, Mich.
Work, Robt., architect, 220 S. Michigan av, Chicago, Ill.
Workman, H. B., Co., halters, straps, ties, etc., Lititz, Pa.
Workman, James & Son, carriages, Stenbenville, Ohio.
Workman Packing Co., 432 7th, San Francisco, Cal.
Workman & Trattner, gray iron casting, York, Pa.
Worko Co., carbon removers, Racine, Wis.
Works, Wm., architect, 6415 Greenwood av, Chicago, Ill.
World Beater Generator Co., acetylene, Kansas City, Mo.
World Film Corp., 126 W. 46th, New York.
World Fire-Proof Door Corp., window frames, etc., 145th & Southern blvd, New York.
World Granite Co., East Barre, Vt.
World Mfg. Co., bath cabinets, 120 W. 3d, Cincinnati, Ohio.
World Motor Co., airplane engines, Bloomington, Ill.
World Polish Mfg. Co., shoe & furniture polish, York, Pa.
World Refining Co., belt dressing, boiler compounds, oil, etc., Easton, Pa.
World's Fair Wrecking Co., stone, etc., 1559 Gest, Cincinnati, O.
Worley Bros., cotton batting, Mohnton, Pa.
Worley Hdwe. Co., whol., Reading, Pa.
Worley, John, scientific instrument jewels, Waltham, Mass.
Worley & Nelson, contractors, Logan, Utah.
Worm & Co., meat packers, Ray & Dakota, Indianapolis, Ind.
Wormser Glass Co., 2nd & Sylvan av, Pittsburgh, Pa.
Worns & Kemp, refrigerator traps, 287 W. 127th, New York.
Worrall, Wm., S. Jr., architect, 132 4th, Long Island, City, N. Y.
Worrell Mfg. Co., disinfectants, 212 N. Main, St. Louis, Mo.
Worrell, S. E., drying machs., Hannibal, Mo.
Worrman, E. W., lumber, Vickery, Ohio.
Worst & Shepardson, architects, 344 Coulter Blk, Aurora, Ill.
Wortendyke Mfg. Co., toilet & bags paper, ft. 13th, Richmond, Va.
See adv. index at end of book
Worth, H. P., & Co., hdwe., 180 West, New York.
Worth-More Polish Co., Inc., The, polish, 1306-08 N. Wells, Chicago, Ill. *See adv. index at end of book*
Worth Steel Co., plates, Claymont, Del.
Worth Wire Wks., fence stays, Kokomo, Ind.
Worthington Ball Co., Elyria, Ohio.
Worthington, Geo., architects, 838 Hollins, Baltimore, Md.
Worthington, Geo., Co., whol. hdwe., 802-32 St. Clair av, N. W., Cleveland, Ohio.
Worthington Hardware Co., Staunton, Va.
Worthington Pump & Machy. Corp., power & mining mchy., 115 B'way, New York. *See adv. index at end of book.*
Worthington & Raymond, jewelers' machy., 71 Murray, New York.
Worthington, Thos., 1st Nat. Bk. Bldg., Birmingham, Ala.
Worthington Water Tube Boiler Co., boiler mfrs., 30 Warren, New York.
Worthy Paper Co. Ass'n, Mittineague, Mass.
Wortman, J. R., cornices, Shreveport, La.
Worthman, Henry, architect, 155 N. Clark, Chicago, Ill.
Wortman, Dietrich, architect, 116 Lexington av, New York.
Wostenholm, Geo., & Son, razors, knives, erasers, etc., 105 Chambers, New York.
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.
Woven Steel Hose & Rubber Co., Trenton, N. J.
Wozny, Bruno, architect, 381 Main, Springfield, Mass.
Wranck, Frank, pearl buttons, 15th av, Long Island City, N. Y.
Wray, Andrew J., granite producer, 328 S. Cherry, Richmond, Va.
Wray, Chas. H., architect, Rialto Bldg., St. Louis, Mo.
Wray, Hy., & Son, machsts. & fndrs., Rochester, N. Y.
Wray Mills Co., flour, Wray, Colo.
Wreisner Bros., machinists, Dassell, Minn.
Wren, Thos. E., & Co., contractors, Springfield, Ohio.
Wren, W. J., lumber, Wrens, Ga
Wrench, C. E., cornices, Detroit, Mich.
Wrenn, A., & Sons, carriages, Norfolk, Va.
Wrenor Columbia Furn. Co., Dept. H, High Point, N. C.
Wrenn Paper Co., Middletown, Ohio.
Wrenn, Werner, architect, Lewis Bldg., Portland, Ore.
Wrenshall Brick Co., Wrenshall, Minn.
Wright, A. B., & Co., mill & facty. supplies, 230 Washington, Buffalo, N. Y.
Wright Aeronautical Corp., Dept. H, Paterson, N. J.
Wright, Albert H, architect, 27 Kilby, Boston, Mass.
Wright & Alexander Co., mill & facty. supplies, Rochester, N. Y.
Wright, Alonzo D., architect, 40 State, Boston, Mass.
Wright-Austin Co., steam traps, steam & oil separators, etc., 315H. W. Woodbridge, Detroit, Mich.
Wright, Barrel & Export Co., Inc., Jacksonville, Fla.
Wright, Barrett & Stillwell Co., wall boards, pads, etc., University & Hampden avs, St. Paul, Minn.
Wright, Benjamin F., contractor, Anderson, Ind.
Wright, Benjamin W., architect, Howard bldg, Providence, R. I.
Wright Bros. & Co., flour mills, Greenville, Mich.
Wright Bros. Hardware Co., Vicksburg, Miss.
Wright Bros. Lumber Co., Ltd., Coulee City, Wash.
Wright Bros. Paper Box Co., Fond Du Lac, Wis.
Wright, C. A., lbr., Peshastin, Wash.
Wright, C. T., Engine Co., machsts. & fndrs., Greenville, Mich.
Wright, C. W., lumber, Allene, Ark.
Wright Canning Co., Aberdeen, Md.
Wright Carriage Body Co., Moline, Ill.
Wright, Chas., contractor, 517 2d, San Francisco, Cal.
Wright, Chas. H., architect, Provo City, Utah.
Wright, Chas. O., sash, door & blind mfrs., 3368 Elston av, Chicago, Ill.
Wright, Chas. W., bldg. contr., 23 Central av, Lynn, Mass.
Wright Chemical Co., see Matheson & Atkinson (successors).
Wright, Clark C., archit., 122 S. Michigan av, Chicago, Ill.
Wright & Craycroft, mouldings, 1448 W. 21st, Chicago, Ill.
Wright, Cruze Hardware Co., Knoxville, Tenn.
Wright, David A., machy., 568 Washington, Chicago, Ill.
Wright & Ditson, sporting & athletic goods mfrs., 408 B'way, New York.
Wright Ditson-Victor Co., bathing suits, sweaters & sporting goods, 408 B'way, New York.
Wright, E. B., contractor, Steelton, Pa.
Wright, E. E., paint mfrs., Waterbury, Conn.
Wright, F., canned goods, Federalsburg, Md.
Wright, F. L., architect, 315 S. Broadway, Los Angeles, Cal.
Wright, F L., Jr., architect, 112 W. 9th, Los Angeles, Cal.
Wright, F. M., sashes, doors & blinds, St. Cloud, Minn
Wright, Frank A., 51 E. 42nd, New York.
Wright, Frank Lloyd, architect, 104 S. Michigan av, Chicago, Ill.
Wright, Frank M., architect, 36 Claremont pl, Mount Vernon, N. Y.
Wright, G. A., stone producers, Bay City, Mich.
Wright, G. Alexander, architect, 354 Pine, San Francisco, Cal.
Wright, G. H., architect, Danvers, Mass.
Wright, Garret S., contractor, 415 W. 24th, New York.
Wright Gas Iron & Novelty Co., 13th & Cumberland, Phila., Pa
Wright, Geo. W., machst. & fndr., Lapel, Ind.
Wright, Gordon A., architect, City Bank Bldg., Syracuse, N. Y
Wright & Gowan Co., mill & facty. supps., Brunswick, Ga.
Wright, Grey, & Son, rubber, steel stamps, etc., 119 Opera pl, Cincinnati, Ohio.
Wright, H. D., granite, Graniteville, Mass.
Wright, H. P., & Co., contractors, 30 E. 42d, New York.
Wright, H. S., contractor, Everett, Wash.
Wright, Harry S., mill & facty. supplies, Buffalo, N. Y.
Wright, Harvey, architect, 2711 Woodbine av, Evanston, Ill.
Wright-Hibbard Truck Co., Inc., Buffalo, N. Y.
Wright, Hy., landscape architect, Chemical Bldg., St. Louis, Mo.
Wright & Hohl, architects, American Trust Bldg., Cleveland, O.
Wright, I. L., architect, Richfield, Utah.
Wright, J. A., contractor, Elgin, Ill.
Wright, J. A., & Co., metal polish, Keene, N. H.
Wright, J. K., machst., 390 Smith, Brooklyn, N. Y.
Wright, J. K., Printing Ink Co., 531 N. 9th, Philadelphia, Pa.
Wright, Jas. Hayden, architect, 8 Beacon Boston, Mass.
Wright, K. L., Brass Fdry., 2397 W. 38th, Cleveland, Ohio.
Wright Kitchen Lumber Co., Ashland, Ky.
Wright & Kowalsky, contrs., Grove & 19th, Jersey City, N. J.
Wright & Kremers, architects, Gluck Bldg., Niagara Falls, N. Y.
Wright & Kuntz Lumber Co., Piqua, Ohio.
Wright, L., architect, 315 S. Broadway, Los Angeles, Cal.
Wright, L. V., contractors, Lancaster, Pa.
Wright & Lindsley, contractors, Orange, N. J.
Wright Lbr. Co., 148 W. 38th, New York.
Wright, L. L., Waterproofing & Constr. Co., Inc., sanitary flooring, 250 Lorraine, Brooklyn, N. Y.
Wright, Luther M., carriages, So. Norwalk, Conn.
Wright, Lysander, Jr., Machine Works, elevators,, 9 Alling, Newark, N. J.
Wright, M. A., architect, Pittsburgh bldg., St. Paul, Minn.
Wright, M. G., & Co., mill & facty. supp., Lowell, Mass.
Wright, M., & Son Co. See Cooley Wright Mfg. Co. (successors).
Wright Machy. Co., engines, 321-405 E. 2nd, Owensboro, Ky.
Wright Mfg. Co., chain hoists, Lisbon, Ohio.
Wright Mfg. Co., furnace pipe & fittings, New Haven, Conn.
Wright Mfg. Co., fndrs. & castings, 133H Master, Phila., Pa.
Wright-Martin Aircraft Corp., New Brunswick, N. J.
Wright Metal Mfg. Co., Anderson, Ind.
Wright, O. H., canned goods, Vinton, Va.
Wright, O. H., & Co., masons' & bldrs.' matls., Belvidere, Ill.
Wright, Percy E., Engng. Co., L. C. Smith bldg, Seattle, Wash.
Wright, R. G., & Co., dairy apparatus & supplies, Buffalo, N. Y.
Wright & Rushforth, architects, 354 Pine, San Francisco, Cal.
Wright, S. D., & Co., auto. & furniture fringes & binding, etc., 1017 N. Front, Philadelphia, Pa.
Wright & Saunders, canned goods, Bedford, Va.
Wright & Saunders, contrs., San Antonio, Tex.
Wright Shipyards, Tacoma, Wash.
Wright & Sons Co., hdwe. mfrs., pianos & organs, 51 Jackson, Worcester, Mass.
Wright, Stillman & Co., flour, Berlin, Wis.
Wright Storage Battery Co., Poughkeepsie, N. Y.
Wright, T. B., & Son, lumber, McLeansboro, Ill.
Wright, Thomas, Co., wagons, carts, hoists, 71 Golden, Jersey City, N. J.

Wright Traffic Signal Co., 844 W. 6th, Cincinnati, Ohio.
Wright Truck Attachment Co., Seattle, Wash.
Wright Tyndale & Van Roden, potteries, 1212 Chestnut, Philadelphia, Pa.
Wright, U. G., motor boats, Paulsboro, N. J.
Wright Varnish Co., Schoefield Bldg., Cleveland, Ohio.
Wright, W. E., Co., masons' & bldrs.' matls., Akron, Ohio.
Wright, W. J., architect, Stockton, Cal.
Wright, W. J., & Son, canned goods, Choptank, Md.
Wright, Wheeler D., architect, Altamont, N. Y.
Wright-Whittier Co., canned goods, Ogden, Utah.
Wright & Wilhelmy Co., whol. hdwe., Omaha, Neb.
Wright Wire Co. See Wickwire Spencer Steel Corp. (successors).
Wright, Wm. Campbell, architect, 168 N. Michigan av, Chicago, Ill.
Wrightman, D. M., & Son, machsts. & fndrs., McMinnville, Tenn.
Wrightson, C. T., canned goods, Easton, Md.
Wrightsville Hdwe. Co., Wrightsville, Pa.
Wrigley Co., whol. hdwe., Mahaffey, Pa.
Wrigley Mfg. Co., soap, Bourse, Philadelphia, Pa.
Wrigley, Thos., Co., elec. cable, conduit hangers, printing press & special machinery, etc., 504 Sherman, Chicago, Ill.
Wrigley, Wm., & Co., machsts., Lowell, Mass.
Wrinkle & Miller Foundry & Machine Co., Dalton, Ga.
Wrinkle Paint Mfg. Co., Columbus, Ohio.
Wrisley, Allen B., Co., soap & soap powders, 923 S. Wells, Chicago, Ill.
Writerpress Lettergraph Co., duplicating app., Shelton, Conn.
Wroe, John, contractor, Reibold Bldg., Dayton, Ohio.
Wroe, W. E., & Co., bond paper, 3630 Iron, Chicago, Ill.
Wrought Iron & Art Glass Fixture Co., 6 Howard, New York.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.
Wrought Washer Mfg. Co., iron washers, Milwaukee, Wis.
W. S. Truck Co., auto. bldrs., Birmingham, Mich.
Wuellner, J. J., & Son, contractors, Alton, Ill.
Wuertz, O. W., Co., pianos, 1518 3d av, New York.
Wuest, Adam, mattresses, 514 E. Pearl, Cincinnati, Ohio.
Wuest, Gustav P., architect, Wainwright Bldg., St. Louis, Mo.
Wuichet, Chas., & Co., cornices, 14 S. Canal, Dayton, Ohio.
Wuichet Fertilizer Co., Dayton, Ohio.
Wuichet, Louis, lbr., Ry. Exch. Bldg., Chicago, Ill.
Wulbern Fertz. Co., Charleston, S. C.
Wunder, Clarence E., architect, 310 Chestnut, Phila., Pa.
Wunder, J., & Co., signs, 225 W. Van Buren, Chicago, Ill.
Wunder, John, contractor, Lumber Exch., Minneapolis, Minn.
Wunder, W. L., willow ware mfrs., 529 Penn., Reading, Pa.
Wunderlich, George H., lumber, Elmhurst, Wis.
Wunsch & Washburn, patterns & Models, Stone av & McDougal.
Wurdack, Wm. Elec. Mfg. Co., panelboard cabinets, switches, etc., 21 S. 11th, St. Louis, Mo.
Wurdeman, Chas., architect, Columbus, Neb.
Wurlitzer, Rudolph Co., musical instruments, 117 E. 4th, Cincinnati, Ohio.
Wurlitzer, Rudolph, Mfg. Co., pianos, North Tonawanda, N. Y.
Wurmser, H. O., architect, Lorain, Ohio.
Wurst, C. H., Co., cornices, Quincy, Ill.
Wurster Constr. Co., contractors, San Diego, Cal.
Wurster Constr. Co., 802½ Central, Los Angeles, Cal.
Wurster, E. M., carriages, Ann Harbor, Mich.
Wurster, F. W., & Co., machsts. & fndrs., 375 Kent av, Brooklyn, N. Y.
Wurth, Ed. A., architect, 9 Clinton, Newark, N. J.
Wurtz, L. J., sash, door & blind, Boston, N. Y.
Wurtz & Son, iron & steel forgings, Builders Exch., Buffalo, N. Y.
Wussow, H. A., bldg. contr., 191 Concordia av, Milwaukee, Wis.
Wusterbarth Bros., machsts. & fndrs., Meriden, Conn.
Wustrow, K. A., landscape archt., 920 17th, N. W., Wash., D. C.
Wyandotte Awning & Tent Co., Kansas City, Kans.
Wyandotte Coal & Lime Co., masons' & bldrs.' matls., Kansas City, Kans.
Wyandotte Portland Cement Co., 1525 Ford blk, Detroit, Mich.
Wyantskill Mfg. Co., bags & bagging, Troy, N. Y.
Wyatt, F., Mfg. Co., agricultural impits., Salina, Kans.
Wyatt, H. S., masons' & bldrs'. matls., Butler, Mo.
Wyatt Lbr. Co. (Ltd.), Gandy, La.
Wyatt, Thos., Mfg. Co., cable & marine chains, etc., 27 Wyatt, Providence, R. I.
Wybel Stove & Chandelier Co., Akron, Ohio.
Wyckoff, A., & Son Co., wood stave pipe, Elmira, N. Y.
Wyckoff Bros., machsts., Highstown, N. J.
Wyckoff, J. C., & Son, cornices, Raritan, N. J.
Wyckoff & Lloyd Co., heating & plumbing contractors, 19-27 Worthington, Springfield, Mass.
Wyckoff Pipe & Creosoting Co., ties, poles, underground conduits, etc., 30 East 42d, New York.
Wye, Geo. E., Co., bathing suits, Needham, Mass.
Wye, Wm. H., & Co., bathing suits, Needham, Mass.
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.
Wyeth, Nathan C., architect, 1517 H, N. W., Washington, D. C.
Wyeth, Walter H., architect, 104 S. Michigan av, Chicago, Ill.
Wyker, Fred, Co., willow ware mfrs., Liverpool, N. Y.
Wykes-Schroeder Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Wyle, J. J., & Bros., Inc., cut-glass chandelier mfrs., 20 E. 27th, New York.
Wylie, A. P., Mfg. Co., wood handles, Lawrenceburg, Tenn.
Wylie, H. R., China Co., domestic, Huntington, W. Va.
Wylie & Wilson, lbr. mfrs., Saginaw, Mich.
Wyllie-Saylor Granite Co., 627 Central av, Newark, N. J.
Wyman Canning Co., Milbridge, Me.
Wyman Chemical Co., acetate of lime, wood alcohol, etc., Port Allegany, Pa.
Wyman, D. W., & Son, common brick, Scottsburg, Ind.
Wyman-Gordon Co., forgings, Worcester, Mass.
Wyman, J., & Son, canned goods, Millbridge, Me.
Wyman, P., landscape architect, Essex bldg, Minneapolis, Minn.
Wynantskill, M., Mfg. Co., bags & bagging, Troy, N. Y.
Wyne, Geo. E., contractor, Home Life bldg, Washington, D. C.
Wynkoop Bros., cornices & skylights, Portland, Ore.
Wynkoop, John, architect, 30 Church, New York.
Wynkoop-McGormley Co., contractors, Ohio Bldg., Toledo, Ohio.
Wynne Stave Co., Wynne, Ark.
Wyoming Canning & Preserving Co., Wyoming, N. Y.
Wyoming Painting & Paint Mfg. Co., Wyoming, Pa.
Wyoming Roofing Products Co., Wyoming, Pa.
Wyoming Shovel Wks., Wyoming, Pa.
Wyoming Timber Co., Hanna, Wyo.
Wyoming Valley Brick Co., Wilkes Barre, Pa.
Wyoming Valley Lbr. Co., Pittston, Pa.
Wyoming Valley Supply & Mfg. Co., plumbers' supplies—jobbers, Wilkes-Barre, Pa.
Wyoming Yarn Co., Wyoming, R. I.
Wysbrod, E. V., & Co., oil & gas well supplies, Findlay, Ohio.
Wysong, A. F., architect, Princeton, W. Va.
Wysong & Miles Co., machinery, Greensboro, N. C.
Wyss Mfg. Co., essential oils, 3640 20th, San Francisco, Cal.
Wythe, W. J., architect, Central Bk. Bldg., Oakland, Cal.
Wytheville Mfg. Co., sash, door & blind, Wytheville, Va.
Xardell Bros. Co., auto. mufflers, Utica, N. Y.
Xenia Rubber Mfg. Co., solid tires, Xenia, Ohio.
X Laboratories, boiler compounds, 25 W. 45th, New York.
X. L. Refrigerating Co., 1540 W. 62nd, Chicago, Ill.
Yaeger & Bolte, machsts. & fndrs., 26 Cliff, New York.
Yaeger, C. Scott, architect, Alexandria, La.
Yager & Halstead, canned goods, Cortland, N. Y.
Yahr & Lange Drug Co., plate glass, 207 E. Water, Milwaukee, Wis.
Yakima Hardware Co., cornices & skylights, N. Yakima, Wash.
Yakima Iron Works, machsts. & fndrs., North Yakima, Wash.
Yakima Meat Co., packers, North Yakima, Wash.
Yakima Valley Htg. & Plumbing Co., North Yakima, Wash.
Yale, C. I., Mfg. Co., dyestuffs, etc., Yalesville, Conn.
Yale Canning Co., Yale, Mich.
Yale Knitting Co., sweaters, Malden, Mass.
Yale Knitt'g Mills, sweaters, cardigans, etc., 514 Broadway, New York.
Yale Light Co., lamps, 541 W. Washington blvd, Chicago, Ill.
Yale Machy. Co., Yale, Mich.
Yale Mfg. Co., bicycle, locks, 2056 E. 4th, Cleveland, Ohio.
Yale Novelty Co., military sets, manicure sets & stationers' specialties, Leominster, Mass.
Yale & Reagan, contractors, 111 W. Washington, Chicago, Ill.
Yale Tire & Rubber Co., New Haven, Conn.
Yale & Towne Mfg. Co., hdwe. mfrs., chain hoists, etc., Stamford, Conn.
Yale University (Sheffield Scientific), enging. schools & coll., New Haven, Conn.
Yandle, W. J., machsts., brass & composition fdry., Santa Rosa, Cal.
Yankee Co., marine mufflers, Utica, N. Y.
Yankee Hill Brick Mfg., Co., Lincoln, Neb.
Yankee Mfg. Co., toys, Cleveland, Ohio.
Yankee Polish Co., shoe blacking & polishes, 64 Cortlandt, New York.
Yankee Wizard Clock Co., 18 Broadway, New York.
Yankton Roofing Co., cornices & skylights, Yankton, S. D.
Yantic Woolen Co., flannels, Yantic, Conn.
Yarbrough & Bellinger Co., scrap iron & steel, Charlotte, N. C.
Yard & Hichborn, contractors, 215 W. 6th, Los Angeles, Cal.
Yard, J. W., & Son, architects, Penn Bldg., Erie, Pa.
Yardley, Ernest H., architect, 1713 Sansom, Phila., Pa.
Yardley Mills Co., flour, Yardley, Pa.
Yarnall Paint Co., 1026 Race, Philadelphia, Pa.
Yarnall, T. Elwood, contractor, Carlisle, Pa.
Yarnall Waring Co., clamps, couplings, valves, etc., Chestnut Hill, Phila., Pa.
Yarnell, B. F., contractor, 227 S. Union av, Los Angeles, Cal.
Yarnell & Yarnell, brick, Napoleon, Ohio.
Yarnelle Lbr. & Coal Co., masons' & bldrs.' matls., Wabash, Ind.
Yaryan Co., evaporators, distilling app., bleaching mchy., 25 Church, New York.
Yates, Alfred, continuous & drying kilns, Shawmut, Pa.
Yates & Co., paint, 762 Folsom, San Francisco, Cal.
Yates County Canning Co., Penn Yan, N. Y.
Yates & Donelson Co., flour mills, Memphis, Tenn.
Yates, G. H., granite, Biddleford, Me.
Yates, J. A., flour mills, Houston, Va.
Yates, J. A., Machine Co., Birmingham, Ala.
Yates, J. W., hdwe. spec., 168 8th av, New York.
Yates, J. W. L., contr., Thomasville, Ga.
Yates, James, contractor, Pleasantville, N. Y.
Yates Lumber Co., grape baskets, Penn Yan, N. Y.
Yates, P. B., Machine Co., wood working mchy., Beloit, Wis.
Yates, Stephen O., architect, 1521½ N. D, Richmond, Ind.
Yates, Thaddeus N. & Co., architects, 7356 Grant av, Phila., Pa.
Yates, Wilbur, contractor, Marion, Ind.
Yatman Rubber Co., erasers, 267 Mt. Pleasant av, Newark, N. J
Yauger & Co., contractors, 133 W. Washington, Chicago, Ill.
Yawger, A. J., & Co., contractors, 450 N. Belmont av, Indianapolis, Ind.
Yawkey-Bissell Lbr. Co., Wausau, Wis.
Yawkey Lumber Co., Wausau, Wis.
Yawman & Erbe Mfg. Co., office furniture & devices, St. Paul, Rochester, N. Y.
Yaxley Mfg. Co., cut & small gears, 1101 W. Monroe, Chicago, Ill.
Yeager Furn. Co., Dept. H, Allentown, Pa.
Yazoo Hdwe. Co., Yazoo City, Miss.
Yeager Lbr. Co., 932 Elk, Buffalo, N. Y.
Yeager, M. S., contractor, Trust & Savings Bldg., Los Angeles, Cal.
Yeager M., & Son, contractors, Danville, Ill.
Yeager, S., oil well supplies, Petrolia, Pa.
Yeager, Wm. B., cornices, Reading, Pa.
Yeaman, James H., architect, City Hall, Nashville, Tenn.
Yearsley, Thos., Co., machy. dlrs., 224 N. 3d, Phila., Pa.
Yeazell-Goldstein Co., soap, Columbus, Ohio.
Yeldham, Herman J., Co., cornices, 1126 Van Buren, Chicago, Ill.
Yellow Pine Co. of Phila., lbr., Penna. Bldg, Phila., Pa.
Yellow Pine Lumber Co., Charleston, W. Va., & Jackson, Miss.
Yellow Pine Paper Mill Co., Orange, Tex.
Yellow Poplar Lumber Co., Coal Grove, Ohio.
Yellow Springs Canning Co., Yellow Springs, Ohio.
Yenger, B., stone producers, Elmira, N. Y.
Yennie, Wm. J., & Co., contractors, 45 E. 42d, New York.
Yeo, Robert J., architect, 524 Massachusetts av, Boston, Mass.
Yeoman Lumber Co., Pe Ell, Wash.
Yeomans Box Co., packing, shooks, 274 Wight, Detroit, Mich.
Yeomans Bros. Co., pumps, compressors, etc., 1436 Dayton, Chicago, Ill. *See adv index at end of book.*
Yeomans & Shedd Hardware Co., Danville, Ill.
Ye Planry, Inc., architect, Ry. Exchange bldg, Kansas City, Mo.
Yerdon, Wm., hose bands, Fort Plain, N. Y.
Yerkes, H. V., architect, Glenside, Pa.
Yerks & Co., sash, door & blind mfrs., Yonkers, N. Y.

Yesbera Mfg. Co., metallic furniture, Toledo, Ohio.
Yessler, Harry E., architect, Hagerstown, Md.
Yessler, Max, paper clips, Milwaukee, Wis.
Yewell, J. Floyd, architect, 7 E. 42nd, New York.
Yingling Bros., & Co., handles, Monroeville, Ohio.
Yingling, C. E., cornices & skylights, Lexington, Mo.
Yingling, Jos. P., canned goods, Pleasant Valley, Md.
Yingling, Martin, Brick Co., Pittsburgh, Pa.
Yoakum Cotton Oil Co., meal, Yoakum, Tex.
Yoch, F. T. (Miss), architect, 210 W. 7th, Los Angeles, Cal.
Yockel Bros., htg. contrs., 962 Washington av, New York.
Yockel, Chas., & Sons, machsts., 1220 N. Lawrence, Phila., Pa.
Yocom, Jas., & Son, power transmitting machy., 145 N. 2d, Phila., Pa.
Yocona Mills, cord, twine, mops, Watervalley, Miss.
Yoder Co., cold rolling machy., Engrs. Bldg., Cleveland, Ohio.
Yoder, Ellis Y., flour mills, Pikesville, Pa.
Yoder, Thos., Mfg. Co., temperature regulators, valves, Engrs. Bldg., Cleveland, Ohio.
Yohe Bros., masons' & bldrs.' matls.—contractors, Monongahela, Pa.
Yohe, Geo. W., architect, Monongahela, Pa.
Yohe, Wm. S., Supply Co., mill & facty. supplies, Canton, Ohio.
Yoho & Hooker Co., architects, 669 E. Exchange, Akron, Ohio.
Yolande Coal & Coke Co., Birmingham, Ala.
Yon, T. L., & Co., Box 1554, Huntington, W. Va.
Yonkers Builders' Supply Co., Yonkers, N. Y.
Yonkers Plumbing Supply Co., Yonkers, N. Y.
Yonts, C. H., & Co., benders, bits, drills, reamers, wrenches, etc., Meadville, Pa.
York Alfalfa Mills, meal, York, Neb.
York Automatic Dumb Waiter Wks., York Pa.
York Brick & Tile Co., York, Neb.
York Bridge & Constr. Co., York, Pa.
York Bros., contractors, Cape May City, N. J.
York Button Works, B. & Allegheny, Phila., Pa.
York, C. J., machinist, Downieville, Cal.
York, C. V., contractor, Raleigh, N. C.
York Card & Paper Co., wall paper, York, Pa.
York Carriage Co., automobile bodies mfrs., York, Pa.
York Chemical Works, fertilizer, York, Pa.
York Corrugating Co., conductor pipe & eaves trough, cornices & skylights, York, Pa.
York Cut Stone Co., stone producers, York, Pa.
York Elec. & Mach. Co., lamp making machinery, pumps, York, Pa.
York Engng. Co., heating contractors, York, Pa.
York Ferro Alloys Co., chromium, York, Pa.
York Foundry & Engine Works, coal chutes, mill & facty. supplies, York, Neb.
York Foundry & Machine Co., York, Pa.
York Harbor Brick Co., York Village, Me.
York Hdwe. & Brass Wks., Inc., castings & tuyeres, York, Pa.
York Haven Paper Co., Land Title Bldg., Philadelphia, Pa.
York Heating & Ventilating Co., heating contr., York, Pa.
York Hill Trap Rock Quarry Co., Meriden, Conn.
York, J. Devereux, architect, 1323 N. Clark, Chicago, Ill.
York Knitting Mills Co., York, Pa.
York Mfg. Co., denims, Saco, Me.
York Mfg. Co., ice & refrigerating machines, York, Pa.
York Metal & Alloy Co., alloy mfrs., York, Pa.
York Milk Machinery Co., bottle washers, York, Pa.
York Paper Mfg. Co., York, Pa.
York Pattern Works, York, Pa.
York River Ship Bldg. Co., West Point, Va.
York Safe & Lock Co., safe manufacturers, York, Pa.
York Saw Works, York, Pa.
York & Sawyer, architects, 50 E. 41st, New York.
York Screw Wks., Dept. H, York, Pa.
York Shale Press Brick Co., York, Pa.
York Tack & Nail Works, York, Pa.
York Valley Lime Co., York, Pa.
York Wagon Gear Co., automobile & wagon bodies, York, Pa.
York Wall Paper Co., York, Pa.
York Woven Wire Mattress Co., York, Pa.
Yorke Derrick Co., Washington, Pa.
Yorks Fdry. & Mach. Shop, Honeoye Falls, N. Y.
Yorks, Henry, land rollers, Honeoye Falls, N. Y.
Yorktown Cotton Oil & Mfg. Co., meal, Yorktown, Tex.
Yorkville Contr. Co., contractors, 430 E. 82d, New York.
Yorkville Iron Wks., 433 E. 74th, New York.
Yorkville Mfg. Co., Inc., buffing wheels, 31-33-35H B'way, Brooklyn, N. Y.
Yorkville Scrap Rubber & Metal Co., 266 W. 53d, New York.
Yosemite Flour Mills, San Francisco, Cal.
Yosemite Lbr. Co., Merced Falls, Cal.
Yosemite Oil Refining Co., petroleum, Cheney & Harriet, Los Angeles, Cal.
Yost, A. M. (Est. of), lumber, Edmonds, Wash.
Yost, Amos S., contractor, 1004 Pennsylvania av, S. E. Washington, D. S.
Yost Bros., machsts. & fndrs., Creighton, Pa.
Yost, D. S., architect, Braddock, Pa.
Yost Elec. Mfg. Co., lamp sockets, Toledo, Ohio.
Yost Furnace Co., Canton, Ohio.
Yost Gearless Motor Co., wood washing machine parts, Springfield, Ohio.
Yost, Henry L., architect, 219 Walnut, Montclair, N. J.
Yost, Jacob F., brick, Barlow, Ore.
Yost, John, Co., contractor, Elkhart, Ind.
Yost Mfg. Co., machsts., Meadville, Pa.
Yost Wks., Remington Typewriter Co., ribbons, Bridgeport, Conn.
Yost Writing Mach. Co., typewriters, 345 B'way, New York.
Youens, J., & Co., masons' & bldrs'. matls., Navasora, Tex.
Youghiogheny & Ohio Coal Co., bituminous, Leader bldg, Cleveland, Ohio.
Youman, E. E., buckweat flour, Ravena, N. Y.
Youmans Bros., turpentine, Lexsy, Ga.
Youmans Coin Wrapper Co., bill straps, etc., 428 Main, Cincinnati, Ohio.
Youmans, Simpson Lbr. Co., Stevenson, Wash.
Young, A. B., Co., slate for electr'l purposes, Fair Haven, Vt.
Young, A. F. R., archl. iron, 51 Purchase, Boston, Mass.
Young, A. L., Machinery Co., mill & facty. supps., 28 Fremont, San Francisco, Cal.
Young, Benj., Co., harness & saddle mfrs., 241 E. Water, Milwaukee, Wis.
Young, Benj. P., naval architect, 2 Stone, New York.
Young, Benjamin R., Hdwe. Co., who. hdwe., Alpena, Mich.
Young, Blair B., lumber, Hollidaysburg, Pa.
Young Boiler Compound Co., Catasauqua, Pa.
Young Bros., jewelers' boxes, 722 Eddy, Providence, R. I.
Young Bros., masons' & bldrs.' matls., Danielson, Conn.
Young Bros. Co., ovens, etc., 6500 Mack, Detroit, Mich.
Young Bros. Co., granite, Barre, Vt.
Young Bros. Co., painters' trestles, fire & extension ladders, Worcester, Mass.
Young Bros. Const. Co., crushed stone, St. Joseph, Mo.
Young Bros. Decorative Co., plate glass, Wichita, Kansas.
Young & Buescher Construction Co., Burlington, Ia.
Young, C. C., valves, etc., Jersey Shore, Pa.
Young, C. C., architect, Paw Paw, Mich.
Young, C. H., Co., stone, 653 Rice, St. Paul, Minn.
Young, C. W., & Co., soap, 1247 N. 26th, Philadelphia, Pa.
Young, Calvin J., architect, 226 N. 6th, Reading, Pa.
Young, Carlos G., fish landing nets, 320 Market, San Francisco, Cal.
Young, Chas. A., textile machy. supplies, etc., Easton, N. H.
Young, Chas. W., cornices, Elmira, N. Y.
Young & Co., contractors, 5 N. La Salle, Chicago, Ill.
Young, D. H., architect, Reynoldsville, Pa.
Young, Daniel, & Co., contractors, Attleboro, Mass.
Young & Donovan, htg. contrs., North Yakima, Wash.
Young, E. D., brick, Greenspring, Ohio.
Young, E. L., Heading Co., Aberdeen, Miss.
Young, E. R., & Sons, mchsts. & fdrs., Titusville, Pa.
Young, Edw. E., architect, 251 Kearny, San Francisco, Cal.
Young, Ellsworth D., contr., Colebrook, N. H.
Young, Ernest W., architect, Dean Bldg., South Bend, Ind.
Young, F. B., & Son, contractors, Mem. Trust Bldg., Memphis, Tenn.
Young, Frank, sashes, doors & blinds, Hackensack, N. J.
Young, Frank L., Co., oils, 111 Purchase, Boston, Mass.
Young, Fred M., architect, Dexter, Me.
Young, Geo. & Co., baseball mfrs., 715 S. Western av, Chicago, Ill.
Young, Geo., Jr., architect, College of Arch., Ithaca, N. Y.
Young, Grant, contr., Carbondale, Ill.
Young-Greene Lbr. Co., Goshen, Ind.
Young, H. P., mining supply dealer, 20 W. Jackson blvd., Chicago, Ill.
Young & Halstead Co., masons' & bldrs.' matls., Mount Kisco, N. Y.
Young, Harold L., architect, 147 4th av, New York.
Young, Henry A., architect, Keyport, N. J.
Young & Hughes, steamfitters' supplies, Raleigh, N. C.
Young & Humphrey, contractors, Louisville, Ky.
Young Inner Duck Leather Belting Co., 416 W. Grand av, Chicago, Ill.
Young, J. A., Machine & Supply Co., Enid, Okla.
Young, J. H., Lbr. Co., Warren, Pa.
Young, J. J., cornices, Binghamton, N. Y.
Young, J. M., & Sons, furniture, Dept. H, Camden, N. J.
Young, J. R., Fertilizer Co., Norfolk, Va.
Young, Jas. A., & Sons, stone, Dakota Bldg., St. Paul, Minn.
Young, Jas. H., Stone Co., granite producers, wkrs. & dlrs., Walnut av & 135th, New York.
Young, Jas. T., contractor, Watervliet, N. Y.
Young & Jeffery, architects, Stockton, Cal.
Young, John, contractor, Bastable blk, Syracuse, N. Y.
Young, John, machst. & fndr., Chillicothe, Ohio.
Young, John B., textile machy. & supplies, J. & Levick, Philadelphia, Pa.
Young, Jno. W., contractor, Keokuk, Ia.
Young, Jno. S., & Co., extracts, Hanover, Pa.
Young, John T., Boiler Co., machsts. & fndrs., Norwich, Conn.
Young, Jos. H., landscape archt., 34 S. 16th, Philadelphia, Pa.
Young, Jos. H., Co., plumbing, gas & steam supplies, 82 High, Boston, Mass.
Young, Klotsch & Appel, Inc., plbrs.' supplies, 624 N. Calvert, Baltimore, Md.
Young, M. S., & Co., mill & facty. supplies.—whol. hdwe., Allentown, Pa.
Young Mach. & Tool Co., Worcester, Mass.
Young Mfg. Co., strainers, Bellevue, Ia.
Young & Metzner, second hand bags, 355 Vernon av, Long Island City, N. Y.
Young, Milton W., contractors, Woodbine & P. R. R., Phila., Pa.
Young, Nicholas W., contractor, Atlantic City, N. J.
Young, Orlando W., lubrg. oils & metal polish, 33 Ross av, Newark, N. J.
Young, R. Bros., Lumber Co., White Plains, N. Y.
Young, R. L., architect, Kokomo, Ind.
Young, R. S., Supply Co., machsts. & fndrs., Oakland, Cal.
Young, R. W., Mfg. Co., elec. hoists, 80 E. Jackson blvd., Chicago, Ill.
Young, R. & Sons, stone, 25 Grafton av, Newark, N. J.
Young, Rakstraw & Ferguson, naval architects, 15 William, New York.
Young, Richard A., architect, Pontiac, Ill.
Young, Richard, Co., chamois imp., 36 Spruce, New York.
Young & Russell, elec. portables, 1027 Miffin, Phila., Pa.
Young & Sampson, shoe counters, Lynn, Mass.
Young, Sam'l, architect, Monticello, Ind.
Young & Schmitt, masons' & bldrs.' matls., McKees Rocks, Pa.
Young & Sons, architects & engrs. instruments & supplies, 43 N. 7th, Philadelphia, Pa.
Young Spec. Co., hdwe. mfrs., 2220 Vliet, Milwaukee, Wis.
Young, T. C., architect, Wright Bldg., St. Louis, Mo.
Young & Vann Supply Co., mill & facty. supplies, Birmingham, Ala.
Young, W. A., & Sons, machsts., Rices Landing, Pa.
Young, W. B., Supply Co., mill & facty., plumbers' & steamfitters' supplies, 212 Delaware, Kansas City, Mo.
Young, W. D., & Co., lumber mfrs., Bay City, Mich.
Young, W. E., masons' & bldrs.' matls., Winder, Ga.
Young, W. J., Machy. Co., 418 Union, Lynn, Mass.
Young, Walter E., contractor, 414 W. 41st, New York.
Young, Wm., mill & facty. supplies, 129 Av D, New York.
Young, Wm. A., carriages, Foxboro, Mass.
Young, Wm. C., contractor, Norwich, Conn.
Young, Wm., Carriage Co., 4524 Delmar av, St. Louis, Mo.
Young, Wm. H., Jr., stone prod., Troy, N. Y.
Young, William, & Son, architects, Metamora, Ohio.
Youngberg, John E., architect, 30 N. Dearborn, Chicago, Ill.
Younger & Farmer Co., contractors, 1670 Crawford rd, Cleveland, Ohio.

Younglove, J. F., contractor, Sioux City, Ia.
Youngman, J. F., flour mills, Selingsgrove, Pa.
Youngs, Geo. S., brass & bronze ingots, Bridgeport, Conn.
Young's Sons & Co., granite, Milford, N. H.
Youngstown Boiler & Tank Co., Youngstown, Ohio.
Youngstown Carriage Co., Youngstown, Ohio.
Youngstown Chemical Co., Youngstown, Ohio.
Youngstown City Forge Co., Youngstown, Ohio.
Youngstown Constr. Co., Youngstown, Ohio.
Youngstown Engineering Co., Youngstown, Ohio.
Youngstown Fertilizer Co., Youngstown, Ohio.
Youngstown Fndry. & Mach. Co., rolling mill machs., etc, Youngstown, Ohio.
Youngstown Furnace Co., Youngstown, Ohio.
Youngstown Glass & Paint Co., Youngstown, Ohio.
Youngstown Ice Co., masons' & bldrs.' matls., Youngstown, O.
Youngstown Iron & Steel Co. See Sharon Hoop Co. (successor).
Youngstown Mfg. Co., nut mfrs., Youngstown, Ohio.
Youngstown Mattress Co., Youngstown, Ohio.
Youngstown Pattern Works, Warren, Ohio.
Youngstown Pressed Steel Co., Warren, Ohio.
See adv index at end of book.
Youngstown Sheet & Tube Co., steel & tube mills, Youngstown, Ohio.
Youngstown Steel Car Co., Niles, Ohio.
Youngstown Wire & Iron Co., Youngstown, Ohio.
Youngsville Saddlery Co., harness, Youngsville, Pa.
Yount & Jackson Co., contrs., 325 N. Summit, Dayton, Ohio.
Yow & McMurray, fertilizer, Lavonia, Ga.
Ypsilanti Garment Shop, athletic goods, Ypsilanti, Mich.
Ypsilanti Hay Press Co., Ypsilanti, Mich.
Ypsilanti Machine Works, Ypsilanti, Mich.
Ypsilanti Reed Furniture Co., Ionia, Mich.
Yuba Mfg. Co., Marysville, Cal., & 433 California, San Francisco, Cal.
Yuill Bros., lumber, Vanderbilt, Mich.
Yukon Mill & Grain Co., flour, Yukon, Okla.
Yule, Clarence L., architect, Creston, Ia.
Yund, Kennedy & Yund, sweaters, cardigans, etc., Amsterdam, N. Y.
Yungck, E. G., contr., Alton, Ill.
Yunker Bros., bldg. contrs., 1615 37th, Milwaukee, Wis.
Zabriskie, P. L., contractor, Ridgewood, N. J.
Zachan, Chas. F., architect, 437 Highland av, Arlington, N. J.
Zacharias, Edwin H., mach. & fdr., Reading, Pa.
Zacharias, Jos. H., brick, East Stroudsburg, Pa.
Zacharius, A. H., architect, 45 W. 34th, New York.
Zachan, C. F., architect, 45 Clinton, Newark, N. J.
Zacheis, W. B. & J. S., canned goods, Port Penn., Del.
Zacher & Kurrie, contractors, 460 S. 21st, Irvington, N. J.
Zachman, Ezra B., architect, Marion, Ohio.
Zadikow Frame Co., furn., 428H E. 10th, New York.
Zagel, Geo., & Bros., architects, 144 Oneida, Milwaukee, Wis.
Zagelmeyer Cast Stone Block Machy. Co., Bay City, Mich.
Zahn & Bowly Co., shock mirrors, Rutherford, N. J.
Zahn Mfg. Co., brewers' machy. & filters, 79 E. Jewett av, Buffalo, N. Y.
Zahner Mfg. Co., cornices, Kansas City, Mo.
Zahner Metal Sash & Door Co., Canton, Ohio.
Zahniser Bros & Sten, mchsts. & fndrs., Washington, Pa.
Zakrzewski, Joseph, architect, 342 Walden av, Buffalo, N. Y.
Zakrzewsky, Herman, cornices, 6812 N. Clark, Chicago, Ill.
Zaldokas, Mathew E., architect, 1263 N. Paulina, Chicago, Ill.
Zalesky, C. B., architect, Cedar Rapids, Ia.
Zan Bros., matches, Portland, Ore.
Zan Bros. & Co., brooms, 3546 19th, San Francisco, Cal.
Zander, J. C., machst. & fndr., Elma, Wash.
Zander, O. M., architect, Sheridan, Wyoming.
Zane, A. M., contractor, Land Title Bldg., Philadelphia, Pa.
Zane, G. W., & R. R., contractors, 16th & Wyoming, Phila., Pa.
Zanesville Art Pottery Co., Zanesville, O.
Zanesville Coal Co., Zanesville, Ohio.
Zanesville Grain & Building Supply Co., Zanesville, O.
Zanesville Malleable Co., fdrs., Moxahala av, Zanesville, Ohio.
Zanesville Mould Co., Zanesville, Ohio.
Zanesville Stoneware Co., Zanesville, Ohio.
Zang, J. F., elec. fixtures, Johnstown, Pa.
Zangerle & Peterson Co., furn., 2164H Clybourn av, Chicago, Ill.
Zanolini, Italo, architect, 604 Montgomery, San Francisco, Cal.
Zantzinger, Borie & Medary, architects, 112 S. 16th, Phila., Pa.
Zantzinger, C. C., architect, 139 S. 15th, Philadelphia, Pa.
Zapon Leather Cloth Co., 200 5th av, New York.
Zaput & Bendish, stone renovators, 254 W. 65th, New York.
Zarbell, Iver C., architect, 4132 Ellis av, Chicago, Ill.
Zaremba Co., evaporator mfr., 505 Niagara Life bldg, Buffalo, N. Y. *See adv. index at end of book.*
Zaring, J. W., Grain & Mill Co., Richmond, Ky.
Zarnowiecki, Jos. C., architect, 1859 W. Chicago av, Chicago, Ill.
Zastrow, Geo. W., machst., 1410 Thames, Baltimore, Md.
Zaubitz, August, pyrometers, 95 Cliff, New York.
Zauft, Emil J., bldg. contr., Duluth, Minn.
Zawadski, Walter K., architect, 798 Fillmore av, Buffalo, N. Y.
Zbaren, P., & Sons, contrs., 4820 Ledue, St. Louis, Mo.
Zearfoss & Hilliard Lumber Co., Easton, Pa.
Zearley, S. J. & Son, architects, Scottsdale, Pa.
Zebulon Gin & Fertilizer Co., Zebulon, Ga.
Zedren, John, contractor, Readville, Boston, Mass.
Zeeland Brick Co., Zeeland, Mich.
Zeh & Hahnemann Co., machsts, Vanderpool, Newark, N. J.
Zehden Metallic Ink Co., printing ink, mfrs., 132 Nassau, New York.
Zehler, Geo. Provision Co., meat, 1705 Logan, Cincinnati, Ohio.
Zehnder Brick Co., Easton, Pa.
Zehner Bros. Packing Co., meat, Toledo, O.
Zehner, Jacob, lumber, Tamaqua, Pa.
Zeidler, H. W., architect, Muscatine, Ia.
Zeidler, Wm. A. Co., machy., 401 E. 163d, New York.
Zeidler, Wm. A. Co., dies, special machines, etc., 182 Locust av, New York.
Zeidman, curled hair, 3109 S. Robinson.
Zeigen Construction Co., Moffat Bldg., Detroit, Mich.
Zeiger, G. W. Co., meat packers, 517 W. Chicago av, Chicago, Ill.
Zeiller & Nagel, guards, 233 Java, Brooklyn, N. Y.
Zeis, M. & Sons, packing box mfrs., 200 Cherry, Buffalo, N. Y.
Zeiser Bros., curb forms, Berwick, Pa.
Zeising & Son, fndrs., Waterloo, Iowa.
Zeitler & Lamson Truck Co., 4644 W. Madison, Chicago, Ill.
Zeltz, Wm. & Sons Co., sashes, doors & blinds, 1247 Marquette rd, N. E., Cleveland, O.

Zeliff, J. E., bowling alley builders, Kearny, N. J.
Zelle Tractor Co., St. Louis, Mo.
Zeller Bros., lumber, Cannelton, Ind.
Zeller, G. F. & Sons, harness leather, 272 Howard, Buffalo, N. Y.
Zeller, J. T., architect, Currier Bldg., Los Angeles, Cal.
Zeller, Wm. F. & Co., cornices, 1119 Denver, Baltimore, Md.
Zellerbach Paper Co., confetti, 534 Battery, San Francisco, Cal.
Zellers & Co., htg. contrs., 1333 14th, N. W., Washington, D. C.
Zellner, Harvey, brick, Lykens, Ohio
Zellner, Thos., roofing slate mfrs., Slatington, Pa
Zells, Louis F., architect, Ann Arbor, Mich
Zellweger, J., & Sons, air & water coolers, hot air furnaces, etc., St. Louis, Mo.
Zelnicker Crayon Works, 325 Locust, St. Louis, Mo.
Zelnicker, Walter A., Supply Co., Ever-Tyte, Piston Ring Division, 1600 Kingsland av, St. Louis, Mo.
See adv index at end of book.
Zelnicker, Walter A., Supply Co., used railway, contractor, power plant and mining equipment, 325 Locust St. Louis, Mo. *See adv index at end of book.*
Zelter, Harry L., trunks, Rochester, N. Y.
Zeman Iron Works, 5651 Broadway, Cleveland, Ohio.
Zempter, J. W., contractor, Galveston, Tex.
Zenite Metal Co., babbitt metal, Indianapolis, Ind.
Zenith Carburetor Co., Ft. Hart av, Detroit, Mich.
Zenith Dredge Co., Duluth, Minn.
Zenith Furnace Co., Duluth, Minn.
Zenith Milling Co., flour, Kansas City, Mo.
Zenner Disinfectant Co., 133-135 Larned av, Detroit, Mich.
Zenner & Smith, steel pipe, 26 N. Jefferson, Chicago, Ill.
Zenner & Son, cornices & skylights, Oak Park, Ill.
Zepp, Guy S., contractor, Southern Bldg., Washington, D. C.
Zepp, W., heating contrs., Bound Brook, N. J.
Zerbe Marble & Granite Works, stone producers, Houston, Tex.
Zering, H., Mfg. Co., The, trucks & trailers, B. & O. Ry. & Hickory, Oakley, Cincinnati, Ohio.
See adv index at end of book.
Zernickow, O., measuring gauges, parallel vises, tachometers & tachoscopes, 15 Park Row, New York.
Zero Oil Co., lubricating oils, Parkersburg, W. Va.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.
Zerrenner Bros., common brick, New London, Wis.
Zesinger, Geo. R., Co., whol. hdwe., Erie, Pa.
Zettel & Rapp, architects, 1206 Mercantile Library bldg, Cincinnati, Ohio.
Zettler Building Co., Canton, Ohio.
Zeugner-Hoffman Lumber Co., Fort Atkinson, Wis.
Zibell Damp Resisting Paint Co., 191 Culver av, Jersey City, N. J.
Zibell, J. A., Co., oils & greases, 273 Water, New York.
Ziccardi, Jos., architect, 3360 Cruger av, New York.
Ziccardi & Weiler, landscape architects, 9706 Madison av, Cleveland, Ohio.
Zick, Jos., traveling bags, Rochester, N. Y.
Zickgraf-Jenson Lbr. Co., Jellico, Tenn.
Zidek, Jos., architect, 4021 W. North av, Chicago, Ill.
Ziebold, G., Milling Co., flour, Red Bud, Ill.
Ziegelmeyer & Suter, contrs., 7300 Minnesota, St. Louis, Mo.
Ziegler, A., & Son, contractors, 164 Edward, Buffalo, N. Y.
Ziegler, A., & Sons Co., elastic webbing, 1257 Columbus av, Boston, Mass.
Ziegler Bedding Co., mattresses, Calumet, Mich.
Ziegler Bros. Co., wholesale hardware, Elgin, Ill.
Ziegler Canning & Preserving Co., Muscatine, Ia.
Ziegler, Christian H., architect, 75 Montgomery, Jersey City, N. J.
Ziegler & Co., meat, Logan & Elder, Cincinnati, Ohio.
Ziegler, Robt., & Sons, machsts., book binders' & printing presses, 208 Vine, St. Louis, Mo.
Ziegler, S., & Co., scrap iron, Morris av & 144th, New York.
Ziegler, W. F., agricultural implements, Salina, Kans.
Ziegler Wm. H., 425 S. 5th, Minneapolis, Minn.
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Chicago, Ill.—Phillips, Lang & Co., Inc., 538 S. Dearborn
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HUNT, ROBT. W., & CO..... 667
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Columbus, O.
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Union Arcade, Pittsburgh, Pa.

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154 Ogden av, Jersey City, N. J.

KRAMER WAGON CO.....1498
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821 Barr, Fort Wayne, Ind.

KUTZTOWN FOUNDRY & MACHINE CO..... 463
1421 Chestnut, Phila., Pa.
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Ross Bros. Co.
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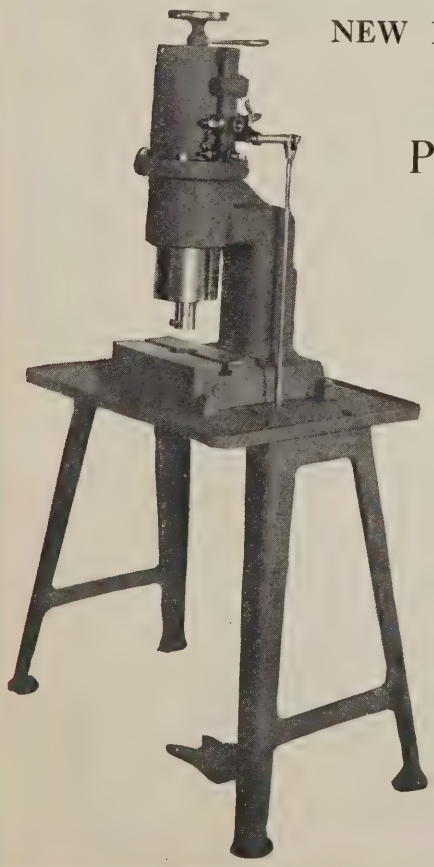
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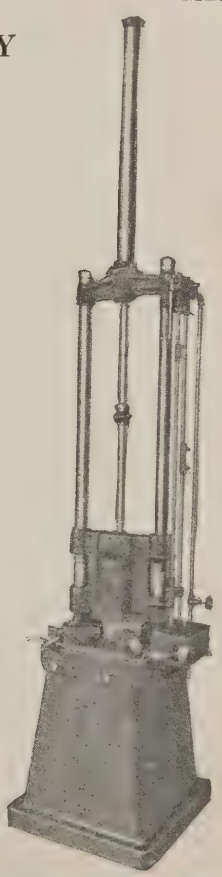
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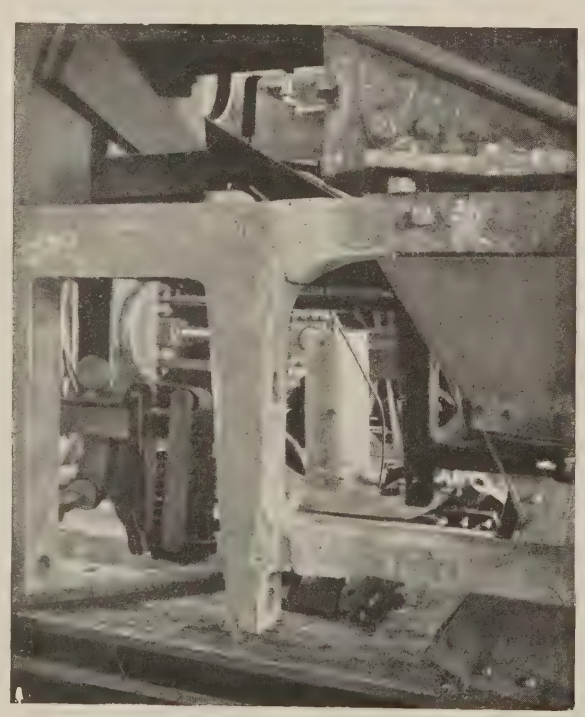
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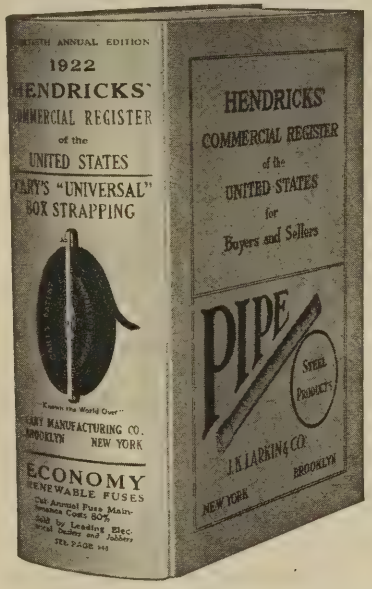
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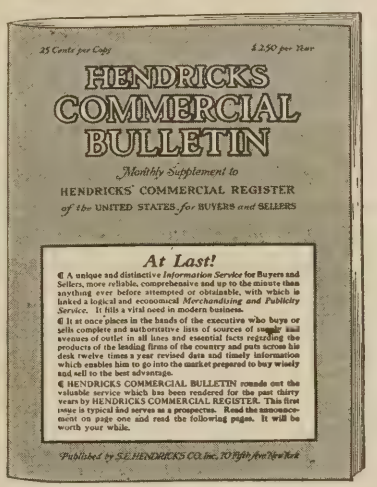
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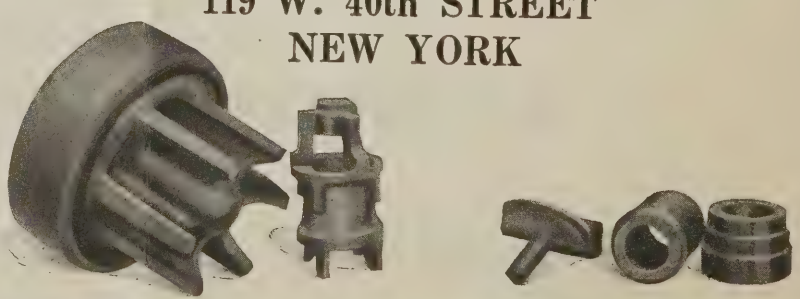
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HENDRICKS COMMERCIAL BULLETIN

Monthly Supplement to

HENDRICKS COMMERCIAL REGISTER
of the UNITED STATES *for* BUYERS *and* SELLERS

(Copyright, 1922, by S. E. Hendricks Co., Inc.)

30th Edition NEW YORK, AUGUST, 1922 Number 7

Monthly Trade Review

A summary of conditions in the field of Electrical, Mechanical, Constructional, Chemical and Allied Industry, compiled from authoritative sources.

THE two leading factors in the business and industrial situation are the coal strike and the railroad strike. Real shortage of coal and freight cars, due to these causes, is slowing up industry to a great extent. Fortunately the buying and selling of goods holds up well despite the threatened difficulties in production and the normal summer decline in activities.

Business failures have dropped from 1,960 to 1,740 in the past month and the number continues to decrease from week to week, although it is still higher than in the year 1913, when 1,320 failures were reported for the same period. The stock and bond market prices are fluctuating within a narrow range and have shown considerable buoyancy in the face of the strike crises. There is little probability of a strong advance here during the summer, however, and the danger of a sharp reaction has not entirely passed.

Bank clearings have increased for the current month; freight car loadings, previous to the strike, have increased; railroad earnings for the same period have advanced; crop prospects are very favorable; and commodity prices are on the rise. These factors still further reflect the advance of the entire business and industrial world to a better mark.

The Coal Situation

Coal prices have not stayed within the limits suggested by Secretary Hoover, but because of the shortage have gone over these limits. Within the past two weeks the shortage of coal has become acute, partly because of the July 4 holiday and partly because of congestion of loads at the non-union producing fields. Those buyers who waited until after July 1 to obtain the reduced shipping rates have found that the higher prices of coal have cancelled the 10% reduction in rates.

The market was most active lately in the Middle West. Prices seemed to be no factor in that territory; the main desire being to get coal. Not only were the small consumers clamoring for tonnage, but the railroads and large users were being forced to replenish their supplies on the spot market. A panicky feeling now prevails throughout the Northwest. Commercial supplies at Duluth-Superior are less than 550,000 tons of soft coal and 250,000 tons of anthracite; the latter being of the less wanted sizes. New England coal sales are increasing, but large consumers still have good supplies on hand. So many diversified demands are being made on the fields supplying the Hampton Roads piers that prices are stronger.

The outstanding feature of the coal strike in the past week was the preparation of certain large Pittsburgh district producers to resume operations at once, under guard. Labor shortage is beginning to be felt in Alabama, where peak production is fast being approached. The anthracite supply is running down, despite the indifference of consumers.

The Mechanical Field

When the rail and coal strikes are over it is anticipated that the railroads will be generous buyers of machine tools. Despite present conditions, some of the roads are already buying; one having placed orders within the past week amounting to $75,000. In the New York area the past month has shown the best sales in a year and a half, exceeding those for May, which set a record since the depression began. Chicago, besides reporting the railroad buying increase, finds many other industrial lines either buying or ready to place orders.

New England sales have marked time, owing to the holiday, the closing of shops for inventory and the effect of the strikes. Pittsburgh remains slow, with a moderate turnover. In Cleveland orders for single tools are holding up well, most of them coming from automotive plants, with a growing preference for new rather than second-hand tools. Automotive demand has also stimulated sales of the Milwaukee houses; and also improvement is noted in orders from agricultural implement, gas engine and tractor plants. Not only is the bulk of orders growing, but buyers are ordering more than a single tool at a time.

The metal working plants themselves have slowed up to a certain extent and more anxiety over supplies is being manifested by both producers and consumers of iron and steel. This is occasioned primarily by low stocks on hand and by the congested condition of the mills due to their heavy obligations, which is making deliveries more and more uncertain. To this has been added the serious stage which the coal strike has now reached and the possibility of transportation delays due to the shopmen's walkout. Actually the latter is not a mere possibility, for already embargoes have appeared at several points.

Virtually famine conditions exist in certain iron and steel products, notably in nut and rivet rounds and in forging bars. Steel bar bookings at Chicago run into the fourth quarter and the leading producer is accepting additional orders at its convenience and without delivery price.

The Electrical Field

A certain decline in sales of radio materials and apparatus has been noted, but the slump has not been as severe as expected. If conditions hold as well as at present the autumn sales in this branch should surpass those of last fall.

Wire is moving well, although price competition is fairly keen and some small recessions are noted. The lamp trade continues brisk, notwithstanding the short nights and daylight saving handicap. Considerable flood-lighting is in use in connection with business building construction and the trade in automobile headlights continues active. Business in the smaller size motor market is fair, large orders being recorded in the Western districts. Central station business improves, money for extensions and improvements is easier to secure. Most large companies are carrying out comprehensive construction programs.

In New York the demand in the electrical trade is holding up well and jobbers are reporting a satisfactory volume of sales for this time of year. Wiring supplies are moving steadily. Quotations on flexible armored conductor are a little easier and lamp cord is slightly lower than the last price quoted. Sales to industrial users have continued and this class of business appears to be gaining headway as summer advances. Fan sales are also showing renewed activity, owing to the sustained warm weather.

Seasonal variations have created a slight slump in the electrical trade in Chicago, but jobbers are pleased with the way calls for wiring materials have kept up during the past two months. Prices on conduit are considerably firmer because of lowered stocks. The call for rubber-covered wire and armored conductor has fallen off slightly. Another active month has been reported by manufacturers of high tension equipment. The motor market is improving, since practically all manufacturers report a steady volume of business on motors under ten horse power. An active demand for safety switches, both small and large sizes, has been noted.

The Construction Field

Apparently there is no summer decline in building activity this year; the contracts awarded and building under way continue their steady increase. New building operations are developing in New England at a rate that insures peak construction for almost an indefinite period ahead. Work of this character, covering both residential and business structures, is just about double the amount of new construction during this same time a year ago. It is believed that this rate of gain will be maintained throughout the year.

The five boroughs of Greater New York continue to pile up high construction totals, and at this mid-season of the building year there is more work on hand and in prospect than the industry locally can handle comfortably. There is a heavy demand for men and materials, and with no surplus of these available there is a resulting slowing down, each operation to wait its natural turn.

The hot weather has brought encouraging continuance in construction operations in New Jersey, despite the fact that figures of current weeks are less than those registered in the opening weeks of the season. Activities, however, are using all available labor and are making heavy demands upon brick and other burned clay products, so the situation sizes up satisfactorily. The final weeks of June brought exceptional daily figures at the Philadelphia building department. Although statistics for the month have not been compiled, it is expected that they will show record-breaking proportions.

There is no decrease in operations at Baltimore, and heavy construction continues both in residential and industrial work. The weekly average is running in excess of $600,000 for all classes of buildings. The records of the building department of Columbus, Ohio, during the month of July broke all previous records for that month in the number and valuation of permits granted.

The Chemical Field

The New York chemical market during the past weeks has been of a desultory character in general. With the exception of a few commodities there were no features of outstanding interest. Arsenic, tartaric acid, calcium acetate, copper sulphate and ammonium sulphate showed considerable activity, with quotations in some instances fractionally higher. Prussiates, caustic potash, caustic soda and soda ash have revealed no appreciable changes and quotations were subject to slight shading on firm business.

There have been no signs of any special interest in the crude and intermediate coal tar markets. Large producers of crudes reported a steady call from the various consuming industries, with no particular advance or decline along the list. The intermediate market remained in a very dormant state, due to the absence of real interest from domestic buyers. Textile mills have been operating upon an extremely conservative basis of late.

During the past two weeks activities in the St. Louis industrial chemical market have been somewhat quiet, but this is only to be expected at this time of the year. This lull will probably not prevail for as long a period as in previous years, as stocks of many items are still being carried on a minimum basis and replacements must be made more frequently. The tone of the market remains quite steady, with a few advances in prices. Imported chemicals are inactive.

The caustic soda market has been rather quiet; small quantity purchases are about nominal, with nothing of a carload size in sight.

The Market Place

The paragraphs printed below are selected from inquiries received directly by Hendricks Service Bureau, from all parts of the United States and foreign countries, and reports from our own staff of field specialists. The information is authentic and represents actual trade opportunities. Names and addresses are published to facilitate direct communication. When writing kindly mention Hendricks Commercial Bulletin as the source of information. Numbers refer to our own files. Paragraph space is not sold—it is part of Hendricks Commercial Service.

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MOULDED CONDENSITE OR BAKELITE.—Manufacturer is in the market for a quantity of moulded condensite or bakelite for rheostate bases. Concerns in a position to furnish this material should communicate with **Quality Radio Shop, Richmond, Indiana.**

PROTECTOGRAPH.—Party is desirous of getting in touch with the manufacturer of a protectograph for check writing. This machine must be small enough to be slipped in the pocket. **J. W. Johnston, P. O. Box 578, Rochester, N. Y.**

REVERSIBLE PIPE WRENCHES.—Manufacturer is in the market for No. 57 Barnes Reversible Pipe Wrenches. Manufacturer of this wrench should communicate with **Briggs-Weaver Machinery Company, Dallas, Texas.**

SOLAR WATER HEATER.—An association has an inquiry for a Solar Water Heater. This is a new device for heating water by sun rays. Manufacturers of such a heater should communicate with **Hendricks' Commercial Bureau, 70 Fifth Ave., New York City.**

PITNEY NIGHT SOIL BARREL.—City Purchasing Agent would like to get in touch with manufacturer of Pitney night soil barrel. Makers of this article should communicate with **City Purchasing Agent, Durham, N. C.**

STEEL TANKS.—Manufacturer is desirous of securing two steel tanks for storing sixty degree sulphuric acid. These tanks to be 7 feet diameter, about 30 feet long and to be equipped with the necessary valves on top for safety. **The Seneca Wire & Mfg. Co., Fostoria, Ohio.**

THERMOSTAT METAL.—Manufacturer of electric car heaters is in the market for "Thermostat" metal used in equipment regulating electric heaters, furnaces, etc. Address **Consolidated Car-Heating Company, Albany, N. Y.**

ALUMINUM STEP PLATES for Automobile Running Boards made in cast aluminum, polished finish, are being manufactured by the **Columbus Brass Co., 538 Dublin Avenue, Columbus, O.**

SPRING BOARDS.—Builder is inquiring for information relative to the manufacturer or dealer of Natatorium spring or diving boards, used in connection with gymnasium swimming pools. **F. W. Mark Construction Company, Inc., 933 Commercial Trust Bldg., Philadelphia, Pa.**

STEAM VALVE.—Mill supply dealer is in the market for balanced lever valve for steam known as "Fitts-Valve." Manufacturer of this valve may write to **Montgomery & Crawford Mill Supply Department, Spartanburg, S. C.**

FILING CABINETS, SAFES, SHELVING AND ALL-STEEL OFFICE FURNITURE.—Catalogs covering full lines sent on request to **The General Fireproofing Co., Youngstown, Ohio.**

SELF-HEATING IRON.—Subscriber is in the market for a gasoline self-heating iron known as the "International." The manufacturer of this article may communicate with the **National Retail Hardware Association, Argos, Indiana.**

CRUSHING AND PULVERIZING MACHINERY, and complete line of Conveying Machinery.—Catalogs and special bulletins sent on request to the **Jeffrey Mfg. Co., 961 No. Fourth Street, Columbus, Ohio.**

ELECTRIC SAWING MACHINE.—Merchant has a request for Electric Sawing Machine known as "Casey." Manufacturers who are in a position to furnish this machine should communicate with **James A. Murray, 29 Bedford Street, Fall River, Mass.**

OIL PAPER BAGS.—Large mill supply house has an inquiry for oil paper bags which are used to put over the bunches of grapes as they ripen on the vines. **F. I. Webster-Stearns Hdwe. Co., Greenfield, Mass.**

FIREPROOFING MATERIALS.—Descriptive literature covering full line of materials going into fireproof construction will be sent on request to **The General Fireproofing Co., Youngstown, Ohio.**

MATS.—Large importer has an inquiry for coir mats, also cocoa mats, etc., which they understand are shipped from the Malabar ports of India. **G. J. Kluyskens, 220 Broadway, New York City.**

RUBBER SPECIALTIES.—Manufacturers would like to secure cushion typewriter feet, rubber twirlers and rubber key tops to put over the regular key tops. Manufacturers of these and other rubber specialties should communicate with **Pittsburgh Typewriter & Supply Co., 339 Fifth Avenue, Pittsburgh, Pa.**

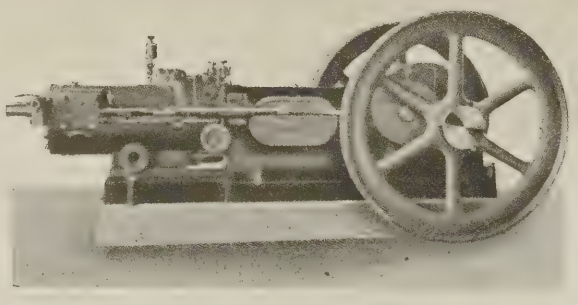
UNEXCELLED TAPPING COMPOUND.—Manufacturers are in the market for "Long's Unexcelled Tapping Compound." Manufacturers of this compound should communicate with **Westinghouse Electric & Manufacturing Co., E. Pittsburgh, Pa.**

FLY CHASERS.—An association has an inquiry for a fly chaser known as "Skiddoo." Manufacturer of this fly chaser should communicate with **The National Retail Hardware Association, Argos, Indiana.**

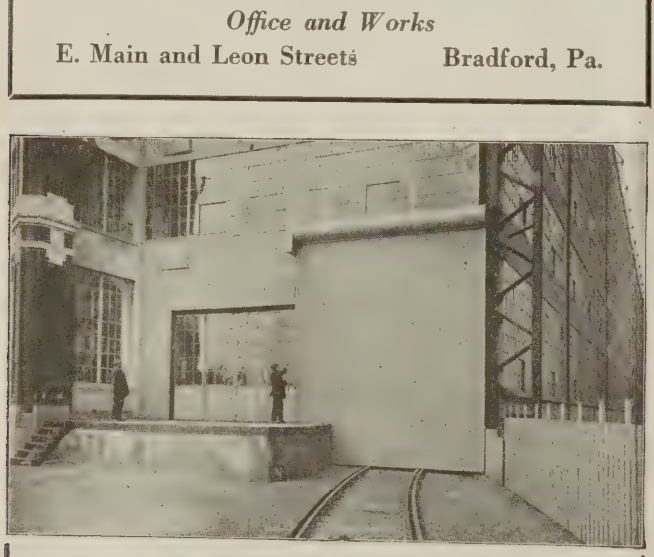
GYMNASIUM SEATS.—Subscriber is in the market for seats for a gymnasium similar to those used by a circus for the reserved section. **Ohio Match Co., Wadsworth, Ohio.**

OFFICE APPLIANCES.—Subscriber desires to represent a line of new office appliances in Philadelphia. Manufacturers are requested to write to **Clarence Koons, 385 Bourse Bldg., Philadelphia, Pa.**

PANIC EXIT DOOR FIXTURES.—Builders' hardware dealers can secure full particulars regarding Panic Exit Door fixtures by writing to **William B. Bolles, P. O. Box 600, Milwaukee, Wis.**



ECONOMY
is
What We Most Need
a
BRADFORD IMPROVED
GAS DRIVEN AIR COMPRESSOR
has no
RIVAL IN THE ECONOMICAL
PRODUCTION
OF COMPRESSED AIR
Write
The Combination Engine & Compressor Co., Inc.
For Bulletins
Office and Works
E. Main and Leon Streets Bradford, Pa.



KINNEAR ROLLING · DOORS

are perfectly balanced, therefore, are easy to operate.

Made of heavy interlocking steel slats, and when dented or broken by an unusual accident, can be quickly replaced by new ones without having to dismantle the door.

Kinnear Doors are made not only for service purposes, but can be made to meet all requirements of the National Board of Fire Underwriters.

Our Engineering Department is at your service. Write for catalogue.

THE KINNEAR MANUFACTURING CO.
716-766 Field Avenue, Columbus, Ohio, U. S. A.

See Hendricks Register for detailed data.

GALVANIZED METAL WARE.—A new 127-page catalog fully covering an entire line of metal ware items, fully illustrated in color, including Iron Horse line, will be sent on request. Address **Rochester Can Co., 121 Hague Street, Rochester, N. Y.**

GOGGLES.—Subscriber is desirous of getting in touch with manufacturers of the "Wellsworth" goggles or eye protectors. Write to **Simmons Co., Kenosha, Wis.**

SCREW DRIVER ROD.—Screw driver manufacturer may secure samples of Screw Driver Rod, both cold drawn and hot rolled, by addressing **Wetherell Bros. Co., 251 Albany Street, Cambridge 39, Mass.**

STEEL PERFORATED CHAIR SEATS.—Customer is in the market for Steel Perforated Chair Seats. Manufacturers who can supply this want should send details and prices to **Arkell & Douglas, Inc., 73 Pearl Street, New York City.**

SPECIAL MACHINERY.—We have been advised that any one desirous of securing special machinery can secure advantageous terms with **The Porter-Cable Machine Co., of Syracuse, N. Y.**

VIXEN FILES.—Any one having a surplus stock of Vixen Files should communicate immediately with the **Republic Supply Co., 408 Frankfort Avenue, Cleveland, O.**

PORTABLE FANS.—Subscriber is inquiring for small portable fans that run by winding, not by electricity, with the object of representing the manufacturer in the Orient. Address **Mercantile Corporation of China and America, Seattle, Wash.**

VITREOUS WARE SHOWER RECEPTACLES AND URINAL STALLS.—Subscriber is in the market for vitreous ware shower receptacles and urinal stalls. Send catalogs to **Josam Mfg. Co., 1104 Prospect Street, Cleveland, O.**

COPPER TINNERS RIVETS.—Manufacturers of copper tinners rivets are requested to get in touch with the firm named below which is in the market for a quantity of this article. Address the **Steel Fabricating Corporation, Michigan City, Indiana.**

MOLDED RUBBER GOODS FOR RADIO WORK.—We have an inquiry for Molded Rubber Goods for Radio Work. Manufacturers should address **The Strong Machinery & Supply Co., 45 Bigelow Street, Newark, N. J.**

SAW MILL MACHINERY.—Concerns in the market for either Saw Mill or Shingle Mill Machinery are invited to write for quotations to **Abbott Machine Co., Olean, N. Y.**

SMALL DROP FORGES.—Manufacturer is prepared to make small and medium sized Drop Forges of all descriptions and is also equipped to machine forging parts or design and build special machinery. **Brooks Forge & Machine Co., York, Pa.**

RIVET MAKING MACHINE.—Subscriber is in the market for copper tinners rivet making machine. Address **The Steel Fabricating Corporation, Michigan City, Ind.**

STEEL RECEPTACLES for handling all kinds of metal parts, including malleable iron and brass castings, stampings, forgings, bolts, nuts, rivets, nails, etc., will be furnished by the **Ohio Manufacturing Co., Painesville, O.**

GRAMOPHONE SUPPLIES.—Paints for use with spraying machines for painting Horns, Toys, etc. Paper and Bookbinders' requirements for manufacturing gramophone-record albums. Clips for albums and handles, locks and all kinds of fittings required to manufacture Gramophone Record-Cases, Suit-Cases, and such other articles made of wood, leather, fibre, cardboard, etc. Prices with samples of Gramophone Needles, Springs and Cabinet Fittings of all kinds required in the manufacture of Gramophone Cabinets. **Valabhdas Runchordas & Co., 70 Apollo St., Bombay, India.**

AUTOMATIC MACHINE.—Contractors are in the market for automatic machine, either operated by hand or electrically for turning out complete celluloid faced badges. **Irwin & Leighton, 126 N. 12th St., Philadelphia, Pa.**

CARBON WIRE.—Large manufacturer is in the market for high carbon wire. Manufacturers should communicate with **Trill Indicator Co., 34 E. South St., Corry, Pa.**

HURDY GURDYS.—Manufacturer is in the market for a hand turned Hurdy Gurdy such as commonly used by Italians on the street. **Universal Toy & Novelty Mfg. Co., 824 Folsom St., San Francisco, Calif.**

MOTORS.—Importer is desirous of securing Electric Motors from 1 to 10 H.P., to drive small machinery such as Lathes, Band-Saws, Planing Machines, etc. **Valabhdas Runchordas & Co., 70 Apollo St., Bombay, India.**

ROSIN SUBSTITUTE.—A manufacturer wishes to get in touch with manufacturers or importers of Rosin substitute or what is known as artificial Rosin. **Pacific Asbestos & Supply Co., 69 1st St., Portland, Oregon.**

REVOLVERS & RIFLES.—Dealer wants to buy from the direct importer or first hand: Genuine Mauser Revolvers, Genuine German Ortigies Automatics 25 and 42 caliber, steel barber shears and clippers and German Imperial Razors and all kinds of German Cutlery. **John J. Vincent Wilcox, P. O. Box 221, Falmouth, Mass.**

DYNAMO.—Importer is in the market for small dynamo for nickel plating and lighting. Complete installation for copper and nickel-plating and materials required for the same. **Valabhdas Runchordas & Co., 70 Apollo St., Bombay, India.**

ONE MINUTE CEMENT.—Large hardware concern is in the market for "One Minute Cement." This is used in the roller shops in cotton mills for cementing the rollers. **Montgomery & Crawford, Spartanburg, S. C.**

WOOL FLOCK.—Manufacturer is in the market for wool flock. Concerns in a position to furnish this material should communicate with **Star-Peerless Wall Paper Mills, Joliet, Ill.**

STEEL BELT.—Manufacturer is in the market for steel belt known as "Eloesser." Importers or distributors of this article should communicate with **Dings Magnetic Separator Co., Milwaukee, Wis.**

ENGINES.—Importer is in the market for Oil Engines from 2 to 20 horsepower. Vertical Steam Engine and Stationary Boiler up to 50 b.h.p. **Valabhdas Runchordas & Co., 70 Apollo St., Bombay, India.**

MOTOR CARS & SUPPLIES.—English house is in the market for Motor Accessories, Motor Car Parts, Motor Cars, Motor Lorries, Motor Car Equipment. Concerns in a position to supply these articles should communicate with **The Tolputt Co., London Road, Sheffield, England.**

CREAM & MILK CANS.—A British importer is in the market for cream and milk cans known as "Maynebery." Anyone in a position to supply these cans will be put in touch with the party interested by communicating with **Hendricks' Commercial Bureau, 70 Fifth Ave., New York City.**

MACHINERY.—Importer would like to secure the following machines, Lathes, Milling, Shaping, Drilling, and tools for small work-shops. Complete Machinery for manufacturing of Gramophone Horns of Tin, about 500 a month. Machinery for manufacturing tin toys. Spraying Machinery for painting Gramophone Horns and Toys. Machinery for manufacturing Gramophone and sewing Needles on small scale. Machinery for making Gramophone Needle Boxes and other such articles from tin. Printing Machinery for above tin boxes. Machinery for cutting mica from 1" to 3" diameter. Woodworking machinery for manufacturing Gramophone Cabinets, about 400 to 500 a month. **Valabhdas Runchordas & Co., 70 Apollo St., Bombay, India.**

TOWING WINCHES OR ENGINES.—Manufacturer is in the market for new or used automatic towing winches or engines about 8¼ x 8. Specify total weight, height to top of drum and such other information as you have. They are in the market for two or three of these. **Cruickshank-Christian Co., 109 Broad St., New York City.**

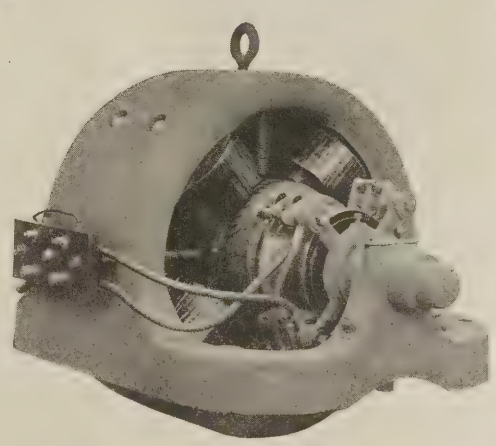
HIGH TENSION RUBBER COVERED FEXIBLE CABLE.—Manufacturer is in the market for 70 feet High Tension Rubber Covered, Stranded No. 12 Single Conductor Flexible Cable, testing 25,000 volts. Makers of this material should communicate with **Electro Dynamic Co., Bayonne, N. J.**

MONARCH BELT STICK DRESSING.—Manufacturer is in the market for "Trotter's" Monarch Belt Stick Dressing." This is used for leather belting and also to lubricate commutator in motor. **Laurence Belting Co., Inc., 111 Chambers St., New York City.**

CROWN GALVANIZING SALTS & CROWN TINNING SALTS.—Manufacturer is in the market for crown galvanizing salts and crown tinning salts. **The Ohio Metal & Mfg. Co., Dayton, Ohio.**

CHERRY LOGS.—Lumber concern is in the market for Cherry Logs, 6 to 16 ft. long, every straight log made 16 ft. if possible, if not 14 ft., and as much shorter as is necessary to make a straight log. Walnut the same. Preference is for a 16 ft. log with a few knots in it than a short log which is clear. **Warren Ross Lumber Co., Jamestown, N. Y.**

TRACTOR WHEELS.—Engineers are in the market for Tractor Wheels for use on cane carts in Cuba. These are a special wheel recently developed of the caterpillar type which can be placed on the axles of the carts which would still be drawn by oxen or mules. **J. G. White Engineering Corp., 43 Exchange Pl., New York City.**



WARNER ELEVATOR MOTORS

ARE MANUFACTURED IN OUR OWN SHOPS.

These motors are characterized by their high torque, low inertia and low starting currents.

The slight additional cost is more than justified by the results attained.

Warner Alternating Current and Direct Current Motors are interchangeable.

THE WARNER ELEVATOR MFG. CO.

CINCINNATI, OHIO

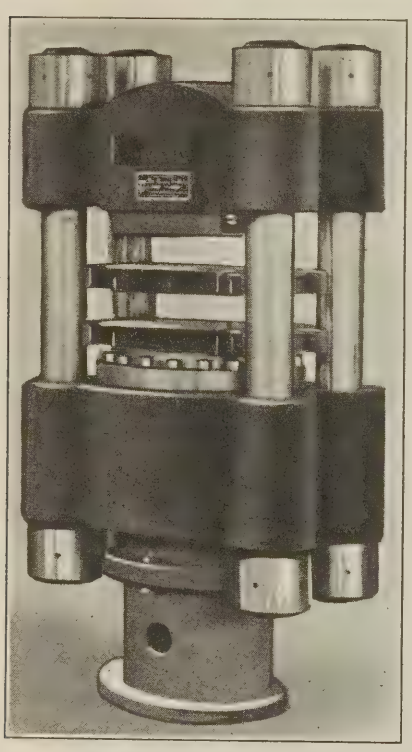
SEE HENDRICKS REGISTER AND SWEETS CATALOGUE

New and Useful Products

The descriptions printed below are prepared concisely and illustrated to give the buyer essential information as to new and useful products. These items form a monthly record of trade progress. Paid "write-ups" will not be accepted—this is part of Hendricks Commercial Service.

Hydraulic Hot and Cold Plate Presses

To meet the demand for press for forming small electrical insulating parts from various dielectric compositions particularly for use in the construction of radio apparatus are manufactured by the Hydraulic Press Manufacturing Co. of Mount Gilead, O.



Hydraulic Press Mfg. Co. Press

The molding operation, which involves heating of the material to make it plastic, and the application of pressure to cause it to conform with the contour of the die is performed with the H-P-M Hot Plate Press. The plates may be heated by the circulation of steam, by gas flames or by electrical resistance units.

The second part of the operation which usually requires the cooling of the material, while still in the die and under pressure may be accomplished with the H-P-M Cold Plate Press. The plates are chilled by the circulation of water.

There are several different H-P-M Press systems which may be used to follow out the foregoing operations, namely: 1. Double Opening, Square Platen Presses, for removable dies, with upper plates used for heating and lower ones for cooling. II. Single Opening, Square Platen Presses, for removable dies. Used in batteries of three: two with hot plates and one with cold plates. III. Single Opening, Rectangular Platen Presses, with fixed dies. Arranged for alternate heating and chilling with the same plates.

These presses are built after standard designs, and are of the four rod, upward pressure type. They may be furnished with any required number of openings; however, we illustrate one and two opening presses only in this bulletin, as these are the types most generally used for molding work.

CONSTRUCTION

The cylinder is of open hearth steel casting, bored with a deep throat to provide a rigid guide for the ram. The cylinder packing is the best grade of "U" leather or "U" rubber, as may be specified, inserted in a counterbored space at the cylinder opening, and retained by a steel gland. With this construction, the packing is very accessible, and is easily adjusted. The ram is close grain gray iron, turned and polished over entire length. The stripper cylinders are steel; gland packed. Used to split the die on the cold plate presses only. The press bed is formed by lugs cast at the corners of the main cylinder. The press head is open hearth steel casting, heavily ribbed. Semi-steel for sizes rated under 100 tons. The platen is semi-steel casting. Cast with shoes at the four corners, which are babbitted and bear on the strain rods. Thus a second guide is provided for the moving parts, which makes the press very sturdy and rigid. A thick layer of asbestos is used to insulate the platen from the lowest plate which rests upon it. The heating and chilling plates are special H-P-M construction. Made of heavy rolled steel plates, with drilled passages. Machine-finished all over; working surfaces polished. Connections may be made either through swing joints or flexible metallic tubing, as may be specified. They may be machined with slots for holding the dies. Such an arrangement is usually necessary for the cold plates in order that pressure may be applied to split the die. The strain rods are rolled machinery steel, turned and polished.

A Self-Opening Stud Setter

The Geometric Tool Co., of New Haven, Conn., has put on the market a new self-opening Stud Setter, known as the "Jarvis," which is equipped with Morse Taper Shanks, and is adapted for use on a drilling machine, air drill or electric drill. They are made in two styles, positive and friction, and in four sizes, Nos. 1½, 2, 3 and 4. Size No. 1½ has capacity from 0 to ½"; shank, Nos. 2 or 3 Morse Taper. Size No. 2 has capacity from 0 to ⅞"; shank, Nos. 3 or 4 Morse Taper. Size No. 3 has capacity from 0 to 1¼"; shank, Nos. 4 or 5 Morse Taper. Size No. 4 has capacity from 1" to 2"; shank, Nos. 4 or 5 Morse Taper.

When the positive style stud setter is used it is necessary to have a stop collar around the stud that is being set. This serves as a stop to release the jaws when the stud reaches bottom. The stop on the spindle of the drilling machine will serve for this purpose. There is a downward travel of about 1-16" in the jaws necessary between the instant that the stop is met, and that at which the jaws will release.

With the friction style stud setter the stop collar is not necessary, but may be used at the preference of the operator. The large cone friction on the top of this style tool may be adjusted by manipulation of the lock nuts which control the adjustment. By loosening the lower lock nut, the upper one may be adjusted to give sufficient gripping power to drive the stud. When the upper lock nut is adjusted, the lower nut is again tightened, locking the upper nut in place. When the stud being set with the friction stud setter reaches bottom, the proper adjustment of the friction will allow it to slip, at which time the operator, by a quick upward motion of the feed handle, releases the jaws and frees the stud.



Jarvis Self-Opening Stud Setter

New Bed Pan Sterilizer

The Barnstead Manufacturing Co., of 62 Washington Street, North, Boston, Mass., has put on the market a new Bed Pan Sterilizer, that does away with the

old and unpleasant method of having the operator touching a valve with their hands, and automatically produces a sterile Bed Pan. This apparatus is constructed of 30-ounce copper, thoroughly tinned on all internal parts and heavily nickel-plated on the exterior parts, mounted on an aluminum painted iron stand with bronze floor plates.

A heavy bronze steam chest forms the bottom, and is so arranged that it drains at the center through a 2½". opening. It has a dome-shaped cover attached to the back with heavy bronze hinges operated by a foot lift. The top of the apparatus is reinforced with heavy bronze castings which drain toward the apparatus and prevents any boiling over.

This apparatus is equipped with a spray head rising from the center of the bottom from which the bed pans are washed out on the inside, and a continuous spray entirely around the apparatus for the purpose of cleansing bed pans on the exterior and also washing out the sterilizer. Both of these sprays are controlled by foot operated valves, thus doing away with the operators touching any valve with their hands. It has a 2" vent in the back of the apparatus, and also two protected shelves suspended from the cover where the bed pans are to be placed for sterilization after they have been washed. These shelves are protected by a shield from the boiling substance below, thus preventing them from being stained again during the sterilization. This apparatus is equipped with a quick opening throttle valve with the necessary steam valves, and requires 3" waste, ½" steam and return steam, ¾" water supply. It is 20" long, 15" wide and 2" deep.

Square Spice and Cereal Set

A set of six-hinged cover spice boxes and six cereal boxes have just been put on the market by the Metal Package Corporation of New York, 509 Fifth Avenue, New York. Both spice and cereal cans are decorated in blue and white, with a delft design on all four sides and cover.



New Spice and Cereal Set

This design is baked on, which assures a permanent finish. The edges are hemmed, which makes the tops smooth.

The spice boxes are 2½ inches square by 3⅜ inches high, and carry labels as follows: Nutmeg, Ginger, Pepper, Cloves, Allspice and Cinnamon. The cereal boxes are 4 inches square by 5¾ inches high, and are labelled as follows: Oatmeal, Coffee, Sugar, Rice, Tea and Barley. The spice boxes are papered and nested in the cereal cans, and the latter are enclosed in a corrugated shipping carton.

The Hauck Asphalt Surface Heater

The Hauck Manufacturing Co., 136 Tenth Street, Brooklyn, N. Y., has put on the market two different sizes of asphalt surface heaters for the resurfacing and patching of asphalt roads and streets.



Hauck Asphalt Surface Heater

The heater is well balanced, and easily moved wherever desired. It is simple to operate. Burners operate with kerosene (coal oil, petroleum). Each burner is controlled and operated individually by a valve and can be easily removed for cleaning. Flame enters the hood fully developed and produces a uniform heat. The flame does not strike the pavement directly, thus avoiding burning of the asphalt. On hot days, one of the burners may be shut off. The tanks can be quickly refilled. On the No. 487 Heater one tank may be filled while the other is feeding the oil to the burners, without stopping operation. To facilitate transportation, especially for export, the heater is furnished with detachable hood, upon request.

"Little Giant" Pipe Wrench

The "Little Giant" Pipe Wrench, a new wrench with several interesting improvements, has just been put on the market. It has the "end opening" feature, which is familiar to users of machinists' wrenches. Its application to pipe turning can readily be seen by a glance at the accompanying picture. An advantage the "Little Giant" wrench has is the ease with which it can handle pipes in corners, close to walls, and similar confined places. The user can set it straight on the pipe as he would a pair of pliers, instead of having to fit the jaws on from the side.

This wrench has only three parts; a handle and jaw in one piece, which is drop forged and heat treated; a movable jaw, likewise drop forged and heat treated and a hardened steel nut. There are no springs, rivets, frame or pins, all these parts being eliminated. In spite of the absence of springs it takes hold and releases instantly at the option of the user.

Another feature is the double set of teeth on the main jaw. The movable jaw can be engaged at the option of the operator with either of these sets of teeth with consequent lengthened life. On the large sizes, 14" and greater, two additional sets of teeth are provided, making four in all, and the movable jaw can be reversed to engage these additional sets of teeth, which are below the adjusting nut.

The "Little Giant" Wrench is manufactured in 8, 10, 14, 18 and 24" sizes, of which the three smaller sizes are already on the market. The new wrench is a product of the Greenfield Tap & Die Corporation, Greenfield, Mass.

A Noiseless Rotating Check Valve

The Corry Valve Co., of Corry, Pa., announces a Noiseless Rotating Check Valve for water, steam and oils, which, it is claimed by the makers stops all pounding and hammering.

The valve is composed of three disks of various diameters made of special non-corrosive spring bronze, ground true on both sides to insure a perfect fit. The two lower disks have holes drilled in them as shown in the illustration. These holes give the much desired cushioning effect. The upper disk is left blank so that when the disks are all down the liquid or gas is completely cut off. The seat is made of hard bronze, is removable and renewable. The standard valves will withstand a working pressure of 250 lbs. per square inch.

A Correction

In the July issue of the BULLETIN the address of the John T. Fairhurst Co., manufacturers of folding partitions, was incorrectly given as Jersey City. It should have been Newark, N. J.

ALBERT & DAVIDSON PIPE CORP.

FOR SALE

Second-Hand and NEW

PIPE

Large Stock—All Sizes
Threaded and with Couplings
Also Cut to Sketch

256-264 H Oakland Street
Brooklyn, N. Y.

New Names and Changes

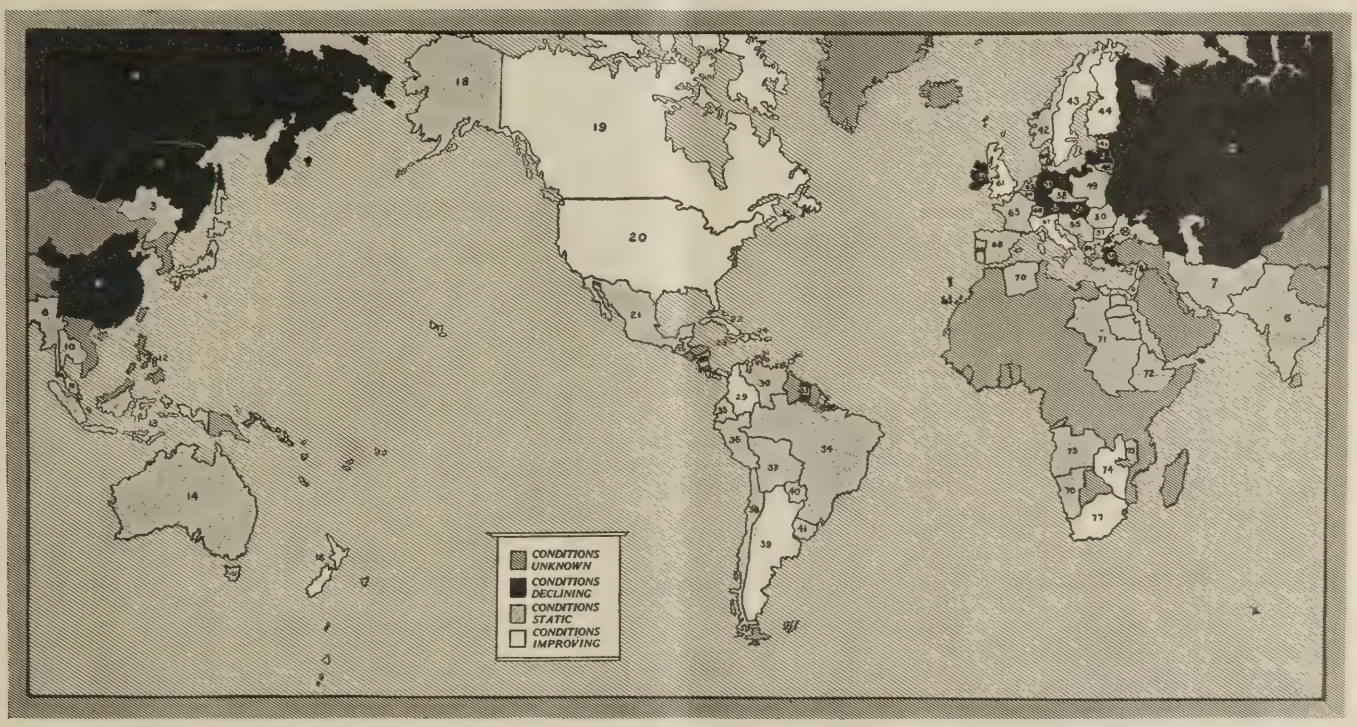
The names printed below are additional or successors to, or changes of address of the firms listed in the 30th Edition of HENDRICKS COMMERCIAL REGISTER. Asterisk (*) indicates new names, Dagger (†) indicates successors, Section Mark (§) indicates change of address. Cross (X) indicates names to be removed as unable to locate.

*Acme Lithograph Co., labels, P. O. Box 831, Fresno, Cal.
xAdvance Oil Co., Oil City, Pa.
*Advice Machine & Mfg. Co., special, 352 S. Los Angeles, Los Angeles, Cal.
*Akron Barrow Co., 3144 E. 65th, Cleveland, Ohio.
*Aluminum Castings Co., auto accessories, etc., 1700 N. Spring, Los Angeles, Cal.
§Am. Contractor Publishing Co., 131 N. Franklin, Chicago, Ill., formerly at 6 N. Michigan Ave.
*American Metal Bearing Co., 601 E. 3rd St., Los Angeles, Cal.
§American Mica Products Co., 177 N. State, Chicago, Ill., formerly at 32 N. Dearborn.
*American Paint Products Co., 403 S. Los Angeles, Los Angeles, Cal.
*American Surplus Co., machy. dealers, 805 Swetland Bldg., Cleveland, Ohio.
*Am. Taximeter Co., 22 W. 61st, New York.
§Am. 3-Way Prism Co., sidewalk lights & ventilator, etc., Cicero, Ill., formerly at La Porte, Ind.
*American Wire & Iron Works, 323-325 N. San Pedro, Los Angeles, Cal.
xAnderson, G. A. Piano Co., Rockford, Ill.
*Angelus Heel & Rubber Co., 1417 N. Main, Los Angeles, Cal.
*Anthracite Elec'l Co., contrs., 302 Lackawanna Ave., Scranton, Pa.
*Art Metal Co., brass grills, elec. fixtures, etc., 1640 N. Spring, Los Angeles, Cal.
*Astrup Mfg. Co., awning hdwe., 2937 W. 25th, Cleveland, Ohio.
xAutomatic Electric Pump Co., Davenport, Ia.
§Backer Machine Tool Supply Co., Grand Central Palace, N. Y., formerly at 39 Cortlandt.
§Bailey & Farrell Mfg. Co., plumbers supplies, etc., So. 20th & Sidney, Pittsburgh, Pa., formerly at 3rd Ave. & Ross.
*Baird-Daniels Co., imp. scrap iron, 143 W. Broadway, New York.
*Bakersfield Junk Co., Bakersfield, Cal.
*Barker, Duff & Morris, Inc., advtg. agency, 323 Fourth Ave., Pittsburgh, Pa.
*Barnes & Tibbitts Shipbuilding & Dry Dock Co., Alameda, Cal.
†Bates Machine & Tractor Co., Joliet, Ill., formerly Bates Machine Co.
*Bay State Hardware Co., 1325 Washington, Boston, Mass.
*Benford Auto Products, Inc., spark timers & plugs, Mt. Vernon, N. Y.
*Berger & Co., auto mirrors, 208 W. 11th, Los Angeles, Cal.
*Blackiston, G. P. & Staff, advtg. agency, Blackiston Bldg., Canton, Ohio.
*Bollinger, J. D., cornices, Bakersfield, Cal.
*Bond Hardware Co., 251 S. Main, Memphis, Tenn.
*Borden Co., condensed milk, 350 Madison Ave., New York.
*Braun, C. F. & Co., oil condensers, coolers, strainers, etc., Mission Rd. & Fremont Ave., Los Angeles, Cal.
*Brimm, Leo. J., steel balls, 132 Church, New York.
*Brooks, John E., plows, Taylor & Aurora, Stockton, Cal.
*Bruckner Mfg. Co., nozzles & sprinklers, 1326 N, Fresno, Cal.
*Building & Engineering News, trade publication, 560 Mission, San Francisco, Cal.
*Builders Iron Works, Inc., 1514 E. Scotts, Stockton, Cal.
§Bultman, F. H., Co., gears & special machy., 10271 Berea Rd., Cleveland, Ohio, formerly at 2108 Superior.
*Cadwallader-Gibson Co., lbr. & veneer, 234 Steuart, San Francisco, Cal.
*Cal. Cedar Products Co., pencil timber, wall board, etc., Stockton, Cal.
*Cal. Filter Co., 465 California, San Francisco, Cal.
*Cal. Glass & Paint Co., 510 Commercial, Los Angeles, Cal.
*California Plating Works, 148 W. Fremont, Stockton, Cal.
†Cal. Press Mfg. Co., fertilizer machy., 409 6th, San Francisco, Cal., formerly Toulouse & Delorieux.
*Cannon & Co., brick, tile, etc., North Sacramento, Cal.
*Carstens Bros., iceless refrigerators, Ackley, Iowa.
§Central Bag Mfg. Co., burlap & cotton bags, 6047 S. Western Ave., Chicago, Ill., formerly at 2622 Iron.
*Central Creosoting Co., 111 W. Washington, Chicago, Ill.
§Chicago Waste Co., cotton & woolen waste, 1210 Elston Ave., Chicago, Ill., formerly at 331 W. Ohio.
*Christie, L. R. Co., dryers, 501 Peoples Bank Bldg., Pittsburgh, Pa.
*Clamert Mfg. Co., auto lenses, Latrobe, Pa.
*Cleveland Builders Supply & Brick Co., Leader News Bldg., Cleveland, Ohio.
*Cleveland Graphite Bronze Co., bearings, bushings & washers, 2906 Chester Ave., Cleveland, Ohio.
xCleveland Salt Co., 5912 Central Ave., Cleveland, Ohio.
†Coe Belting & Supply Co., 317 Magazine, New Orleans, La., formerly Coe-Vogt Belting & Supply Co.
*Colby, Westerlund & Reynolds, architects, Grange Exch. Bld., Sioux City, Ia.
*Columbia Bi-focal Co., lenses, Denver, Colo.
*Columbia Clay Co., bldg. tile, 921 Fifteenth, N. W., Washington, D. C.
*Commercial Model Machine Shop, 122 So. Clark, Chicago, Ill.
§Commercial Truck Co. of Am., Hunting Park & Rising Sun Ave., Phila., Pa. formerly at 27th & Brown.
*Commonwealth Commercial Co., janitors' supplies, 15 Whitehall, New York.
*Compoloid Products Corp., sanitary flooring, Wilkes-Barre, Pa.
*Concrete Machinery & Supply Co., 165 Broadway, Fresno, Cal.
*Coombs, C. B., auto wheel, pullers, Walker & State, Indianapolis, Ind.
§Cordner, J. G., 53rd & L, Lincoln, Neb., formerly at Bankers' Life Bldg.
§Crawford, C. L., masons' materials, Carondelet Bldg., New Orleans, La., formerly at 423 Hibernia Bank Bldg.
*Crow, L. A., Machine & Boiler Co., 1826 Mono, Fresno, Cal.
*Davison, Allen S., blast furnace, dolomite, etc., 2118 Oliver Bldg., Pittsburgh, Pa.
*Davidson, J. L., metal furn., etc., 844 Mateo, Los Angeles, Cal.
†Denman-Myers Cord Tire Co., Engineers Bldg., Cleveland, Ohio, formerly D. & M. Cord Tire Co., Warren, O.
*Ditcher Mfg. Co., tile ditching machines, 2601 32nd Ave., Minneapolis, Minn.
§Drumm Construction Co., 343 S. Dearborn, Chicago, Ill., formerly at 332 S. Michigan Ave.
*Dunham Thomas Co., auto accessories, filing cabinets, etc., 284 Cleveland Ave., Aurora, Ill.
xDunkle, Arthur J., Co., contrs. & railroad supplies, 50 Church, New York.
§Dutchess Tool Co., bakers machy., Beacon, N. Y., formerly at Fishkill-on-the-Hudson, N. Y.
§Dykema Co., rubber bands, 1023 Liberty Ave., Pittsburgh, Pa., formerly at 640 Smithfield.
§Economy Mills, cotton & wool, waste & castings, High St. At S. P. Tracks, Oakland, Cal., formerly at 2322 22nd.
*Efficiency Meters Co., 917 6th, Sacramento, Cal.
*Efficiency Tool Co., auto wrenches, 472 Milwaukee, Milwaukee, Wis.
*Empire Steel Partition Co., 3rd Ave. & 11th, College Point, N. Y.
*Excel Const. Co., 421 Warnock Bldg., Sioux City, Ia.

*Feitel House Wrecking Co., 3700 Tulane Ave., New Orleans, La.
*Findex Co., filing devices, 13 Astor Place, New York.
*Firestone-Appsley Rubber Co., rubber boots & clothing, Hudson, Mass.
†Fleet, Samuel, textile machy., 304 S. Main, Fall River, Mass., formerly Sylvester, C. F. & Co.
*Flexo Wrench & Tool Co., Inc., 1437 N. Larrabee, Chicago, Ill.
§Folding Scaffold Bracket Co., 511 Owen Bldg., Detroit, Mich., formerly at 60 W. Lafayette Ave.
*French, E. S., clamps, 319 W. Ohio, Chicago, Ill.
*Frenchtown Porcelain Co., insulators, Trenton, N. J.
*Fresno Rubber Stamp Co., burning brands, etc., 1923 Fresno, Fresno, Cal.
†Frost, F. W. & Co., Inc., importers, Asiatic products, 60 Wall St., New York, formerly Frost & Cundill, Inc.
*Gane Bros. & Co. of N. Y., gold leaf tissue, 106 Lafayette, New York.
*Garber & Cissel, contrs., Bethlehem, Pa.
§Garver, Wm. L., architect, 952 Hovey Ave., Springfield, Mo., formerly at Neosha, Mo.
*Gaw-O'Hara Envelope Co., mailing devices, 500 N. Sacramento Blvd., Chicago, Ill.
*Gay Engng. Corp., refrigeration engnrs., 2650 Santa Fe Ave., Los Angeles, Cal.
*General Water Heater Corp., 1610 Hooper Ave., Los Angeles, Cal
*Girard Mfg. Co., window shade machy., 2635 Lacy, Los Angeles, Cal.
*Gladiator Mfg. Co., tractors, 2335 E. 52nd, Los Angeles, Cal.
*Globe Cotton Oil Mills, 907 E. 3rd, Los Angeles, Cal.
*Glucol Mfg. Co., glue, 2518 Broadway, Cleveland, Ohio.
*Godwin, W. S., Co., Inc., concrete curbs, 12 E. Lexington, Baltimore, Md.
†Golden Star Polish Mfg. Co., Inc., metal & furniture polish, 815 E. 21st, Kansas City, Mo., formerly Morris R. W. Mfg. Co.
*Grant Forge Shop, oil well supplies, 2044 E. Vernon Ave., Los Angeles, Cal.
*Green-Marshall Co., paint & varnish, 1620 E. 14th, Los Angeles, Cal.
xGrob-Gamsby Hdwe. Co., hdwe., whol., 100 Maiden Lane, New York.
§Grover, C. L. architect, Zumbrota, Minn., formerly at Willmar, Minn.
*Guiberson Corp., oil well specialties, box 1106, Dallas, Texas.
*Gulf Naval Stores Supply Co., flotation oils, Whitney Central Bldg., Los Angeles, Cal.
*H. & L. Refillable Fuse & Plug Co., Plymouth Bldg., Chicago, Ill.
*Hall Canner Co., Grand Rapids, Mich.
†Harbor Refining Co., asphalt & gasoline, 2475 E. 9th, Los Angeles, Cal., formerly Asphaltum & Oil Refining Co.
*Harris & Pendergrass, lbr., 719 T, Fresno, Cal.
*Heidbrink Co., anaesthetic apparatus, 420 S. 6th, Minneapolis, Minn.
§Henes, Louis G., machy. dlrs., 75 Fremont, San Francisco, Cal.
*Henvis, Garnett J., Co., auto accessories, 1213-15 Filbert, Phila., Pa.
*Hercules Cement Products Co., laundry tubs, 1049 Howard, San Francisco, Cal.
*Hewitt, F. L., storage battery, 221 N. El Dorado, Stockton, Cal.
§Hickman Williams & Co., coke mfrs., First Nat'l Bank Bldg., Cincinnati, O., formerly at Louisville, Ky.
xHighland Machine Co., 56 Kemble, Roxbury, Boston, Mass.
*Hill, Hubbell & Co., paints, 115 Davis, San Francisco, Cal.
*Hines Pattern & Mfg. Co., wood & metal pattern, 10108 Detroit, Cleveland, O.
*Hoag Lbr. Co., Dept. H, Springport, Mich.
§Hoeft & Co., drop forgings, dies, tools, etc., 400 N. Ashland Ave., Chicago, Ill., formerly at 1600 W. Kinzie.
*Home Lumber Co., Carondelet Bldg., New Orleans, La.
*Home Mfg. Co., bank fixtures & church furn., 543 Brannan, San Francisco, Cal.
§Hooker Electro-Chemical Co., 25 Pine, New York, formerly at 40 Wall.
xHowe, R. J., belting cloth, 320 Broadway, New York.
§Ice Cream Trade Journal, trade publication, 171 Madison Ave., New York, formerly at 150 Nassau.
*Ideal Specialties Mfg. Corp., paper fasteners, 552 Pearl, New York.
*Illinois Chemical Laboratory, Inc., 440 S. Dearborn, Chicago, Ill.
†Industrial Steel Corp., 1446 So. Canal, Chicago, Ill., formerly Industrial Steel & Brass Corp., 602 W. Lake, Chicago, Ill.
*International Metal Hose Co., 10709 Quincy Ave., Cleveland, Ohio.
†International Milling Co., wheat—New Prague, Minn., formerly New Prague Flouring Mill Co.
*International Taximeter Co., 239 W. 68th, New York.
§Interstate Equipt. Corp., wire rope tramways, 136 Broadway, New York, formerly at Pine.
*Iowa Clay Products Co., bldg. tile, Washington, Iowa.
*Iron & Steel Contracting Co., steam boilers, tanks, 215 San Bruno Ave., San Francisco, Cal.
*Jones Tent & Awning Co., 522 E. Washington, Stockton, Cal.
*Kase Electric Co., vaporizers, Duluth, Minn.
*Kellogg Ant Paste Co., 1000 E. 9th, Los Angeles, Cal.
*Kelobestos Mfg. Co., kieselguhr & filtering materials, 2430 Santa Fe Ave., Los Angeles, Cal.
*Keystone Engineering Co., grease guns, 1442 S. San Pedro, Los Angeles, Cal.
†Kihm-Bowen Machine Co., Inc., dies, jigs, etc., 152 Coit, Irvington, N. J., formerly G. F. Bowen Machine Co., Inc., Newark, N. J.
§Killefer Mfg. Co., agricultural implements, Box 270, Huntington Park, Cal., formerly 2209 Santa Fe Ave., Los Angeles.
*Kimball Motor Truck Co., street sweeping machy., 1700 E. 9th, Los Angeles, Cal.
*King, Philip T., cranes, 30 Church, New York.
*Kittle Mfg. Co., camp chairs, stamping, etc., 643 Santa Fe Ave., Los Angeles, Cal.
§Knight Light & Soda Fountain Co., 2729 N. Kildare Ave., Chicago, Ill., formerly at 351 N. Chicago Ave.
*Knowles, S. E. Co., fishing bait & tackle, 320 Market St., San Francisco, Cal.
§Lamson Co., telegraph instruments, 9 E. 37th, New York, formerly 15 W. 44th.
*Land Dilks Co., kitchen cabinets, Richmond, Ind.
†Lane, Davenport & Peterson, architects & engnrs., Dime Bank Bldg., Detroit, formerly Horace H. Lane.
*Lenwood Specialty Works, glass house molds, 2235 E. 38th, Los Angeles, Cal.
*Libby Owens Co., window glass, Charleston, W. Va.
*Los Angeles Spring & Forge Co., auto bumpers, 1948 S. Los Angeles, Los Angeles, Cal.
*Los Angeles Galvanizing Co., 602 Mater, Los Angeles, Cal.
§Luthers, Jno., & Sons, contrs., 87 Stillson, Rochester, N. Y., formerly at 176 North.
†Lyle Culvert & Road Equipt. Co., 171 27th Ave., S. E., Minneapolis, Minn., formerly Lyle Corr. Culvert Co.
§McArdle, P. H., Machy. dlrs., 633 Carondelet, New Orleans, La., formerly at 822 Poydros.
*McIntyre Packing Co., meat, 805 Montgomery, San Francisco, Cal.
†McLaughlin Sheet Metal Works, 221 J, Sacramento, Cal., formerly Ahl & McLaughlin.
§McMenemy, R. A., bldg contr., Central Bk. Bldg., St. Paul, Minn., formerly at 645 Endicott Bldg.
*MacGruer & Simpson, plaster, stucco work, etc., 266 Tehama, San Francisco, Cal.
*Madisonville Drain Tile Co., Madisonville, Ky.
xMarks, Steel Supply Co., Cleveland, Ohio.
*Mason Decoy Co., 5971 Milford, Detroit, Mich.
*Master Primer Co., engine primers, 130 E. Larned, Detroit, Mich.
*Memco Engineering & Mfg. Co., disconnecting switches, choke coils, trolley sleeves, etc., 30 Church, New York.
§Menge Marine Hardware & Supply Co., Gravier & Fulton, New Orleans, La., formerly at 232 Canal.
*Metalware Corp., water temperature meters, 228 W. Superior, Chicago, Ill.
*Midstate Pipe & Supply Co., plbrs. & steamfitters supplies, 316 O, Fresno, Cal.
*Minn. Casket Co., 722 Central Ave., Minneapolis, Minn.
*Montebello Ink Co., 630 Clay, San Francisco, Cal.
†Moon Lumber Co., Hilt, Cal., formerly Moon-Williams Lbr. Co., Bray, Cal.
*Morehouse Mfg. Co., sodium bicarbonate, Savannah, Ga.
*National Mfg. Utilities Co., Inc., spark plugs, Manhattan Bldg., Chicago, Ill.
*National Tire Seal Co., 923 Washington Ave., Minneapolis, Minn.
*Nelson Bros., cornices & skylights, Salem, Ore.
*Nelsonville Brick Co., bldg. tile, Columbus, Ohio.
*New England Sheet Metal Works, tanks & cornices, 311 Broadway, Fresno, Cal.

*Novo Mfg. Co., radio batteries, 424 W. 33rd St., New York.
*Oberting Motors Co., auto engines, 5320 St. Clair Ave., Cleveland, Ohio.
*Ohio Piston Co., 5331 St. Clair Ave., Cleveland, Ohio.
*Osgood Lens & Supply Co., 111 W. Monroe, Chicago, Illinois.
*Pacific Chemical Co., 1421 N. Main, Los Angeles, Cal.
*Pacific Refrigerator Co., 431 Gough, San Francisco, Cal.
*Page, Steele & Flagg Co., factory supplies, 111 Court, New Haven, Conn.
*Page Wall Bed Co., wall beds, 4200 Long Beach Ave., Los Angeles, Cal.
*Paramount Brush & Paint Co., paint & brush mfrs., 15 Whitehall, New York.
*Peck Lbr. Mfg. Co., 107 E. Market, Scranton, Pa.
*Peerless Cotton Gin Co., Spartanburg, S. C.
*Penn. Rivet Corp., Third & Huntingdon, Phila., Pa.
†Pennzoil Co., lubricants, Oil City, Pa., formerly Oil City Oil & Grease Co.
*Peters, F. D. & Co., wooden turned goods, Gloversville, N. Y.
*Pharo Mfg. Co., engine governors, Bethlehem, Pa.
*Phillips Auto Seat Cover Co., 225 W. 58th, New York.
*Phillips, Chas. T., mech. & power plant engnrs., Pacific Bldg., San Francisco, Cal.
*Pittsburg Taximeter Co., Mfrs' Bldg., Pittsburgh, Pa.
*Pittsburgh Wire Rope Co., Vernon, Pa.
*R. & H. Platinum Works, rivets, 709 6th Ave., New York.
*Pneumelectric Corp., coal mining machy., 219 Wyoming, Syracuse, N. Y.
*Portage Iron & Wire Co., ornamental iron & wire work, 1133 Johnston, Akron, Ohio.
*Prechter, Geo. W. Lumber Co., Inc., St. Patrick, La.
*Prescott Brick & Lumber Co., Rowell Bldg., Fresno, Cal.
*Pressure Cooker Co., 322 Broadway, Denver, Colo.
§Prest-O-Lite Co., carbon removers, auto headlights, etc., 30 E. 42nd, N. Y., formerly Indianapolis, Ind.
*Prever Lumber Co., 250 W. 23rd, New York.
*Protexometer Mfg. Co., Inc., water circulation thermometers, Camden, N. J.
*Prowell, R., Stove Co., hdwe. whol., 1920 Third Ave., N., Birmingham, Ala.
*Red Star Yeast & Products Co., 83 Buffalo, Milwaukee, Wis.
§Red Top Steel Post Co., fences, posts, etc., 38 S. Dearborn, Chicago, Ill., formerly 215 N. Michigan Ave.
§Reflex Ignition Co., spark plugs, 3066 W. 106th, Cleveland, Ohio, formerly at 1700 Payne Ave.
*Reger, W. L., razors, Reading, Pa.
*Reiber-Kolz Co., spot lights, Adrian, Mich.
*Reliance Ball Bearing Door Hanger Co., 280 Starr, Brooklyn, N. Y.
*Rex Steel Stamping Co., Joliet, Ill.
*Rogers Milton & Sons Co., whol. hdwe., 1515 Henry, Omaha, Neb.
xRogers Shear Co., plasterers steel corner beads, Warren, Pa.
*Roper Strauss Ferst Co., bldg. tile, Birmingham, Ala.
*Rosenberg & Co., machy. dlrs., 336 E. 3rd, Los Angeles, Cal.
*Routt Lumber Co., portable house & bldrs. materials, 2011 Tyler, Fresno, Cal.
*Rutland Mfg. Co., refrigerators, Rutland, Vt.
*Ryan, M. J. & Co., centrifugal pumps, 941 L, Fresno, Cal.
*Ryer Island Alfalfa Meal Co., 465 California, San Francisco, Cal.
*S. & G. Mfg. Co., auto accessories, 444 N. Madison, Stockton, Cal.
*S. & M. Mfg. Co., spark plugs, Vandergrift Bldg., Pittsburgh, Pa.
*Sacramento Art Glass Works, 1606 J, Sacramento, Cal.
*Sacramento Rubber Co., mill & factory supplies, 917 6th, Sacramento, Cal.
*Sacramento Steam Forge Co., 115 O., Sacramento, Cal.
*Sacramento Tent & Awning Co., 916 8th, Sacramento, Cal.
*Safety Handle Co., file handles, 925 E. Scotts Ave., Stockton, Cal.
§Sall Mountain Co., prepared roofing & asbestos products, 140 S. Dearborn, Chicago, Ill., formerly 305 S. La Salle.
*Sanis Products Co., whol. hdwe., Sani Bldg., North Chicago, Ill.
*San Joaquin Pump Co., check valves & centrifugal pumps, 2232 Railroad Ave., Fresno, Cal.
*Seamless Container Co., 133 Sheldon, Hartford, Conn.
*Shanley, J. F., flooring, 38 Septon Bldg., San Diego, Cal.
*Shaphard Novelty Mfg. Co., Inc., tinsel tree ornaments, 749 Bedford Ave., Brooklyn, N. Y.
*Sheffield Tile Co., Sheffeld, Iowa.
†Shoemaker-Satterthwait Bridge Co., 256 B'way, New York, Pottstown, Pa., 2 S. 15th, Phila., Pa., formerly Shoemaker, Lewis F. & Co., Phila., Pa., and New York.
xSiegel-Hechinger Packing & Provision Co., Chicago, Ill.
*Silberman, G. L. & Co., non-ferrous metals, 2418-2440 Broadway, Cleveland, O.
*Simms Packing Co., desserts, 20th & Folsom, San Francisco, Cal.
*Smith, Sidney, boiler setting, smoke preventers, etc., 101 Tremont, Boston, Mass.
§Sperry Engineering Co., 136 Chapel, New Haven, Conn., formerly at 82 Church.
*Standard Rubber Co., pump valves, 47 Tehama, San Francisco, Cal.
*Sterner, E. J., Co., hardwood flooring, lumber, etc., 30 Church, N. Y.
§Stiles, H. A. & Co., abrasive materials, wood working products, 166-174 Portland, Boston, Mass. formerly at 93-97 Oliver St.
*Stockton Paint Co., 547 E. Main, Stockton, Cal.
*Stockton Plumbing Supply Co., 327 E. Miner Ave., Stockton, Cal.
*Stockton Sheet Metal Works, tanks, troughs, etc., 37 N. American, Stockton, Cal.
§Strelinger, Chas. A., Co., machy, dlrs. mill & factory supplies, 165 E. Larned, Detroit, Mich., formerly at 43 E. Larned.
†Superheater Co., 17 E. 42nd, New York, formerly Locomotive Super Heater Co.
*Surgical & Athletic Wear Mfg. Co., 85 Springfield Ave., Newark, N. J.
*Thomas Bros., maps, 235 Montgomery, San Francisco, Cal.
§Thompson-Starrett Co., contrs., 51 Wall, New York, formerly at 49 Wall.
*Toledo Coldmaker Co., refrigerating machinery, 1690 Fernwood Ave., Toledo, O.
*Trieber, Benj., Co., auto lenses, 4627 Broadway, Chicago, Ill.
*Trindl Co., piston pins, rings, etc., Wabash Ave., at 29th, Chicago, Ill.
*Turner, J. F. Silo Co., bldg. tile, Council Bluffs, Iowa.
*Twining Concrete Co., pipes, Fresno, Cal.
*Twining Laboratories, assayers, 2146 Merced, Fresno, Cal.
*Tyre Bros. Glass Co., 1314 Broadway, Fresno, Cal.
*Unbreakable Mirror Co., Hackettstown, N. J.
§Union Salt Co., E. 65th & N. Y. C. Rr., Cleveland, Ohio, formerly at Anderson Rd. & L. S. & M. S. Ry.
*U. S. Plywood Co., veneer panels, 3 W. 14th, New York.
*Universal Draft Gear Attachment Co., Railway Exchange Bldg., Chicago, Ill.
†Vestal Chemical Co., 1128 Pine, St. Louis, Mo., formerly Vestal Liquid Soap & Disinfectant Co.
*Vincent Clay Products Co., bldg. tile, Fort Dodge, Iowa.
xVon Der Au & Clauss Mfg. Co., architectural iron, St. Louis, Mo.
§Warman Steel Casting Co., Box 639 Station C, Los Angeles, Cal., formerly at Redonda Beach, Cal.
*Watkins, Arthur M., machine tool dlrs., 165 Broadway, N. Y.
†Wearwell Gasket & Packing Co., gasket & pkg. mfrs., 32 N. 3rd, Camden, N. J., formerly Asbestos & Rubber Works, of N. J.
*Weaver Roof Co., paper, etc., 339 E. 2nd, Los Angeles, Cal.
§Weinsenthal & Co., chemicals, 565 Broadway, N. Y., formerly at 145 W. 45th.
†Wellington-Kincaid Co., htg., contrs., Riparian Ave., Bridgeport, Conn., formerly Wellington & Co.
*Wells, Theo. D., naval arch., 11 Broadway, N. Y.
*Wensel, L., bldrs' hdwe., 5209 Pacific Blvd., Los Angeles, Cal.
*Western Blind & Screen Co., venetian blinds, 2700 Long Beach Ave., Los Angeles, Cal.
*Western Lithograph Co., labels, 600 E. 2nd, Los Angeles, Cal.
*Whitecomb, Geo. D. Co., mchy. dlrs, 1008 House Bldg., Pittsburgh, Pa.
*White, A. D., Machinery Co., dlrs., 108 No. Jefferson, Chicago, Ill.
xWilkelm, H., elec. supplies, 70 Frost, Brooklyn, N. Y.
*Wohlman Mfg. Co., Inc., show cases & store fixtures, 2702 S. Alameda, Los Angeles, Cal.
*Wooley, Thomas W. & Associates, archs., 428 State St., Schenectady, N. Y.

Prices Current



The Business Weather Map of the World

(Reprinted by courtesy of International Institute of Economics)

ASIA-AUSTRALIA:

1—Siberia
2—Far Eastern Republic
3—Manchuria
4—Japan
5—China
6—British India
7—Persia
8—Syria
9—Palestine
10—Siam
11—Federated Malay States
12—Philippines
13—Dutch East Indies
14—Australia
15—Tasmania
16—New Zealand
17—Hawaiian Islands

THE AMERICAS:

18—Alaska
19—Canada
20—U. S. A.
21—Mexico
22—Cuba
23—Jamaica
24—Haiti
25—Guatemala
26—Nicaragua
27—Costa Rica
28—Panama
29—Colombia
30—Venezuela
31—Dutch West Indies
32—Trinidad
33—Surinam
34—Brazil
35—Ecuador
36—Peru
37—Bolivia
38—Chile
39—Argentine
40—Paraguay
41—Uruguay

EUROPE:

42—Norway
43—Sweden
44—Finland
45—Russia
46—Esthonia
47—Latvia
48—Lithuania
49—Poland
50—Roumania
51—Bulgaria
52—Turkey-Constantinople
53—Turkey-Smyrna
54—Greece
55—Yugo-Slavia
56—Hungary
57—Austria
58—Czecho-Slovakia
59—Germany
60—Denmark
61—United Kingdom
62—Ireland
63—Netherlands
64—Belgium
65—France
66—Switzerland
67—Italy
68—Spain
69—Portugal

AFRICA:

70—Algeria
71—Egypt
72—Abyssinia
73—Nyasaland
74—Rhodesia
75—Angola
76—British West Africa
77—Union of South Africa

The figures printed below are average prices as of the 20th of the month for leading commodities compiled as a guide for purchasing

FINE AND HEAVY CHEMICALS

ACIDS		
Acetic, 28%	cwt.	$2.37½— $3.00
Acetic, 56%	"	4.75 — 6.00
Acetic, glacial	"	8.50 — 11.10
Boric, crystals	lb.	.11½— .12½
Boric, powdered	"	.11½— .13¼
Citric, crystals	"	.45 — .46
Hydrochloric, carboys, 20°	cwt.	1.15 — 1.50
Nitric, 40°	"	5.25 — 7.15
Nitric, 42°	"	5.50 — 7.90
Oxalic	lb.	.13⅞— .15½
Phosphoric, 85%	"	.14 — .23
Sulphuric, 60°	ton	9.00 — 12.00
Sulphuric, 66°	"	14.00 — 17.00
Sulphuric, 20% oleum	"	$17.00 —$21.00
Tannic (tech.)	lb.	.40 — .55
Tartaric, crystals	"	.28½— .30
Tartaric, powdered	"	.29 — .30
Tungstic	lb.	1.00 — 1.10
CHEMICALS		
Alcohol, denatured form 5, drums extra	gal	.25 — .27
Alcohol, Wood (Methanol, 95%) drums, extra	gals.	0.56 — 0.59
Alum Ammonia, lump	cwt.	3.25 — 3.60
Alum Potash, lump	"	2.75 — 4.50
Aluminum Sulphate, commercial	"	1.35 — 1.55
Aluminum Sulphate, iron free	cwt.	2.10 — 2.50

Ammonia, aqua, 26°	"	$7.50 — $9.50
Ammonia Carbonate, powdered	lb.	.06½— .10
Arsenic, white	"	.07¼— .07¾
Arsenic, red	"	.12 — .13
Barium Chloride	ton	85.00 — 95.00
Bleaching Powder	cwt.	1.60 — 1.75
Borax	lb.	.05½— .06
Carbon Bisulphide	"	.06 — .07
Carbon Tetrachloride	"	.09 — .10½
Copperas	ton	17.00— 20.00
Copper Sulphate (blue vitriol) crystals	cwt.	7.00 —
Cream of Tartar	lb.	.25½— .26½
Glycerine C. P., cans	"	.15½— 17¼
Magnesium Sulphate (epsom salts) U. S. P.	"	2.50 — 2.60
Nickel Salts, single	"	.08 — .11
Nickel Salts, double	"	.08 — .11
Potassium Bichromate Crystals	"	.08 — .10
Chlorate Crystals	"	.06½— .10
Cyanide	"	.40 — .45
Permanganate	"	.14 — .17
Prussiate, red	"	.88 — .90
Prussiate, yellow	"	.30½— .33
Sal Ammoniac, granulated, white	"	.06¼— .07¾
Sal Ammoniac, granulated, grey	"	.07¼— .08
Salt Cake, lump	ton	20.00 — 23.00
Soda Ash, light	cwt.	1.75 — 2.10
Soda Ash, dense	cwt.	1.90 — 2.00
Sodium Bicarbonate	"	1.85 — 2.25
Bichromate	lb.	.07¼— .07¾
Chlorate	"	.05¾— .06¾
Cyanide	"	.20 — .27
Fluoride	"	.09¼— .10
Hyposulphate (crystals)	cwt.	3.10 — 3.50
Phosphate, dibasic technical	lb.	.03½— .04½
Prussiate, yellow	"	.22 — .23
Silicate Solution (40 deg.)	cwt.	.95 — 1.75
Silicate Solution (60 deg.)	"	2.20 — 3.50
Sulphide, used (60-62%)	lb.	.03¼— .04¾
Strontium Nitrate	"	.07½— .10
Sulphur Flour	cwt.	2.25 — 3.05
Sulphur Roll	"	2.00 — 2.75
Tin Bichloride	lb.	.09 — .09½

IRON AND STEEL

PIG IRON		
Basic Valley, furnace		$24.00 —$25.00
Basic deld, Eastern Penna		25.75 —
Malleable, Buffalo		24.00 — 24.50
Chicago		24.00 — 25.00
Pittsburgh		24.50 — 26.27
Valley		24.50 —
Bessemer, Pittsburgh		25.00 — 26.77
No. 2 foundry, Chicago		24.00 — 25.00
Pittsburgh		24.00 — 25.77
Buffalo		24.00 —
Cleveland		23.50 — 24.00
Valley		24.00 —
No. 2 Southern Birmingham		18.50 — 20.00
Boston		28.10 29.60
No. 2x, Philadelphia		27.64 —
No. 2x, Virginia, New York		29.44 — 30.44
Gray Forge, Pittsburgh		25.27 — 25.76
L. S. Charcoal, Chicago		31.65 —
Ferromanganese-seaboard		67.50 — 70.00
BILLETS & BLOOMS		
Bessemer, Pittsburgh		35.00 —
Forging, Pittsburgh		40.00 —
Open hearth, Pittsburgh		35.00 —
SEMI-FINISHED MATERIAL		
Sheet bars, open hearth, Pittsburgh		35.00 —
Skelp, Pittsburgh		1.70 — 1.80
Slabs, Pittsburgh		35.00 —
STRUCTURAL SHAPES		
Chicago		1.75 —
New York		2.04 —
Philadelphia		$2.02½—
Pittsburgh		1.70 — 1.80
TANK PLATES		
Chicago		1.75 — 1.85
New York		2.04 —
Philadelphia		1.92 — 2.27
Pittsburgh		1.70 — 1.80
STEEL BARS		
Chicago		1.75 — 1.85
New York		1.94 — 2.14
Philadelphia		1.92½— 2.12½
Pittsburgh		1.60 — 1.80
WIRE NAILS		
Pittsburgh		2.40 — 2.50
PLAIN WIRE		
Pittsburgh		2.25 — 2.40
BARBED WIRE GALVANIZED		
Pittsburgh		3.05 — 3.15
SHEETS		
Blue Annealed, Pittsburgh		2.40 — 2.75
Galvanized, Pittsburgh		4.15 — 4.50
Black, Pittsburgh		3.15 — 3.50

NON FERROUS METALS

Aluminum, 98%—99% Virgin	$17.50 —$18.50
Copper Electrolytic	.13⅝— .14
Standard (Lake)	.13½— .14
Cobalt (Metallic)	3.00 — 3.25
Lead Spot, New York	5.65 — 5.75
St. Louis	5.40 — 5.47½
Nickel Ingot	.36
Platinum, pure	87.00
Silver, domestic	.96¾— .99⅜
foreign	.70
Tin, Straits	.31 — 31½
Standard	.30¾— 31
99%	.30½
Zinc, Spot, New York	6.00 — 6.05
St. Louis	5.70 — 5.75

COAL AND COKE

	F.O.B. Mine
ANTHRACITE	
Egg	$7.75 — $7.90
Stove	7.75 — 8.10
Chestnut	7.75 — 8.15
Pea	5.50 — 6.45
Buckwheat	3.50 — 4.25
Barley	1.30 — 1.50
BITUMINOUS	
Central Pennsylvania (low vols.)	
Miller Vein r-o-m	4.75 —
Good Clearfield r-o-m	4.50 — 4.75
Ordinary Clearfield r-o-m	4.40 — 4.50
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Hig vol. steam mine-run	4.50 — 4.75
Three-quarter lump	5.25 — 5.50
Slack	4.75 —
By-product mine-run	4.75 —
WEST VIRGINIA	
Smokeless mine-run	3.50 —
Slack	3.50 —
Kanawha and Logan mine-run	4.22 — 4.50
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Screenings	4.50 —
Fairmont mine-run	4.50 — 4.75
Prepared sizes	5.00 —
Slack	4.50 —
OHIO	
Pittsburgh No. 8 mine-run	4.50 — 4.75
Slack	5.00 —
Prepared sizes	4.50 —
COKE	
Connellsville:	
Furnace	10.00 —
Foundry	10.00 —

Buyers Reminder

This list of reputable firms, with brief description of their products or services, is printed as a monthly reminder for buyers. Classification is made according to principal line of business. Complete lists of manufacturers, classified according to products, will be found in Hendricks Commercial Register. A charge of $5.00 per month is made for each listing not to exceed ten lines.

Air Compressors

THE COMBINATION ENGINE & COMPRESSOR CO., INC., E. Main and Leon Sts., Bradford, Pa. See Advt. Page 8.

Belt Fasteners and Lacing

BRISTOL COMPANY, THE, Waterbury, Conn.
Manufacturers of patent steel belt fasteners, patent steel belt lacing, oval pointed belt hooks, wire belt lacing, patented steel belt plates, bi-furcated steel belt rivets and patented safety set screws.

Blasting Accessories

DU PONT, E. I., de NEMOURS & CO., INC., Wilmington, Del.
The blasting accessories made by this company include: Blasting Machines, Portable Magazines (Storage), Blasting Caps, Electric Blasting Caps, Waterproof Electric Blasting Caps, Delay Electric Blasting Caps, Safety Fuse, Delay Electric Igniters, Electric Squibs, Cap Crimpers, Leading Wire, Connecting Wire, Rheostats, Galvonometers, Tamping Bags, Thawing Kettles, Cordeau Bickford Detonating Fuse and Photographic Squibs.

Bolts

McCABE HANGER MFG. CO., 426-28 West 25th St., New York, N. Y.
Manufacturers of expansion bolts for fastening all kinds of construction to brick or stone; simple and strong. The shell is one piece and made of malleable iron, therefore cannot be broken or lost in using. Any U. S. Standard bolt will fit our hexagon nut, consequently bolt can be changed without changing shell and nut. Also manufacturers of parlor, elevator, accordion, folding and other door hangers and ball bearing wheels.

Burnishing Apparatus

ABBOTT BALL CO., Elmwood Station, Hartford, Conn.
The Abbott Burnishing Process, including Abbott patented Burnishing Barrels and Special Steel Burnishing Balls, offers you the most efficient way to cut your buffing or burnishing costs on all your small metal parts. The advantage of handling thousands at an operation cuts your finishing costs to a minimum. Catalogs and information on request.

Cans

METAL PACKAGE CORPORATION OF N. Y., 509 Fifth Ave., New York, N. Y.
Manufacturers of plain and lithographed tin cans for paint, oil, varnish, white lead, grease, metal polish, stove polish, shoe polish, furniture polish, candy, pharmaceutical products, toilet articles, talcum powder, cigars, tobacco, tea, foodstuffs, oysters, fish, egg substitutes, syrups, malt syrups, putty, pastes, etc.

Chains

LINK-BELT COMPANY, 300 W. 39th St., Chicago, Ill.
The world's largest manufacturers of elevating, conveying, and power transmitting chains. Complete stocks are carried at convenient points to render prompt service. Catalog on request.

Chucks

THE S-P MANUFACTURING COMPANY, 870 E. 72nd Street, Cleveland, Ohio.
Manufacturers of "American" air operated chucks, collets, vises and special manufacturing equipment. Standard equipment made in various styles and sizes. A multiplied gripping power great enough for all classes of work. The only self locking chuck on the market. Circular furnished on request showing the mechanical features of the chucks and cylinders.

Electric Cutting and Welding Apparatus

ELECTRIC ARC CUTTING & WELDING CO., 152-158 Jeliff Ave., Newark, N. J. See Advt. Page 2.

Electric Motors

WARNER ELEVATOR MFG. CO., Cincinnati, O. See Advt. Page 9.

Fences and Gates

CINCINNATI IRON FENCE COMPANY, 3347 Spring Grove Ave., Cincinnati, Ohio.
Manufacturers of plain and ornamental Iron Fence for residences, parks, cemeteries, factories, bridges, etc. Entrance Gates and Arches for all purposes, Balcony and Stair Railing, Folding Gates, Cellar Doors, Gratings, Wire and Iron Window and Machinery Guards, cast iron Flower Vases, also wire, iron and wood slat Settees.

STEWART IRON WORKS CO., INC., THE, 238 Stewart Block, Cincinnati, O.
Manufacturers of Iron Fence, Bridge Railings, Arches, Wire Counter Railing, Wire Partition Railing, Grilles, Folding Gates, Window Guards (Iron and Wire), Balcony Railing, Iron Flower Vases, Settees (Iron and Wire). Used in hundreds of industrial plants and railroads, etc.

Fuses

CHICAGO FUSE MFG. CO., Laflin and 15th Sts., Chicago, Ill.
"Union" Renewable Fuses effect the great reduction in fuse maintenance because they are easy and quick to renew and withstand a great number of blow outs. Both Renewable and Non-Renewable types have the approval of the National Board of Fire Underwriters. Catalog on request.

Galvanized Pipes and Fittings

DOWMAN-DOZIER MFG. CO., Atlanta, Ga.
Manufacturers of Galvanized Pipes and Fittings which have been adapted and standardized after long experience in supplying the trade. Plain Round or Corrugated Elbows and Shoes. Catalogue on request.

Gauges, Recording and Indicating

BRISTOL COMPANY, THE, Waterbury, Conn.
"Bristol's" Recording Gauges for all commercial ranges of pressure and vacuum are unique in their extreme simplicity of construction. For use with 12", 10", 8" and 6" charts. For recording pressures of steam, air, gas and liquids. Write for Catalog U-1005.

Gears and Pinions

MEACHEM GEAR CORPORATION, THE, Canal St. and West Shore R. R., Syracuse, N. Y.
Sole manufacturers of New Process Rawhide Gears and Pinions; also metal gears in all popular types and sizes. Send blue print or specification for estimate.

Industrial Cars

CHASE FOUNDRY & MFG. CO., 2700 So. Parsons Ave., Columbus, O.
Industrial railways furnished complete. Cars and trucks for all industries supplied with Chase Flexible Boxings, and with Chase Roller or Brass Bearings, Turntables, Trackage, Switches, Factory and Elevating Trucks; Dump Buckets, and special designed equipment for handling equipment.

Load Binders

STACY, EUGENE C., Tiffin, Ohio.
Manufacturer of Stacy Swivel Load Binder, on which there is a swivel just below each hook. This swivel accommodates the tendency to twist and prevents breaking. The breaking strain of all parts of the tool is guaranteed greater than the bending strain of the handle. The combination will break any ordinary log chain. Made in two sizes, Regular and Jumbo.

Patterns & Match Plates

HINES PATTERN & MFG. CO., 10106-8 Detroit Ave., Cleveland, O.
Hines Patterns and Match Plates are built under instructions of the most practical foundrymen. If you do not obtain castings under the most desired conditions, why not let us submit you a proposition? Send us a casting or blue print. We would suggest the best Moulding Machine, Pattern and Flask Equipment for your work.

Photo-Copy Machines

CAMERAGRAPH COMPANY, 411 E. 8th St., Kansas City, Mo. 120 W. 42nd St., New York.
Manufacturers of Photo Copy Machines, Paper and Supplies. Simplex Model—uses paper sensitized on one side only. Duplex Model—uses paper sensitized on both sides with one lens and one exposure will copy two pages of book on opposite sides of the same sheet of photographic paper. Only machine of its kind in existence. Also make Print Dryers, Cutters, Washing Trays. Catalogue on request.

Pneumatic Presses

PROVIDENCE PRESS MACHINERY CO., INC., 172 Eleventh Ave., New York. See Advt. Front Cover

Rolling Doors

KINNEAR MANUFACTURING CO., 716-766 Field Ave., Columbus, O. See Advt. Page 8.

Sheet Metal Parts

MANNING MAXWELL & MOORE, INC., Bridgeport, Conn. See Advt. Page 4.

Steel

MIDGLEY & PRENTICE, INC., 34 Church St., New York. Telephone, Cortlandt 2782.
60,000 tons of steel for immediate shipment. Recently purchased from U. S. Shipping Board. Plates, Channels, Angles, Bars. Bolts, Nuts, Rivets. At prices under present market.

Surveying and Civil Engineering Instruments

C. L. BERGER & SONS, 45 Williams St., Boston, Mass.
Manufacturers of Surveying and Civil Engineering Instruments for Hydro-Electric Works, Highways, Roads, Bridge Building, Farm Surveying, Triangulation Instruments for Geodetic work, Precise Levels for precise leveling; and for coal, ore, and gold mines; for all subway, underground and tunnelling work.

Tanks and Towers

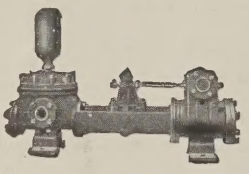
ACME TANK COMPANY, 43 Cortlandt St., New York, N. Y.
Manufacturers of wooden tanks for water supply, chemical and color works and all other purposes; wooden tanks and steel towers for village or factory; fire protection, water supply, etc.; lead lined tanks; round or rectangular tanks with copper, brass or monel metal rods, built in accordance with specifications of National Board of Fire Underwriters or Associated Factory Mutual Fire Insurance Companies.

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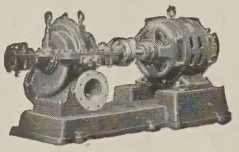
AMERICAN KARDEX CO., 282 Kardex Bldg., Tonawanda, N. Y. See Advt. Page 19.

WORTHINGTON

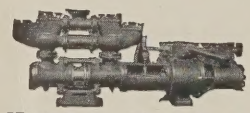




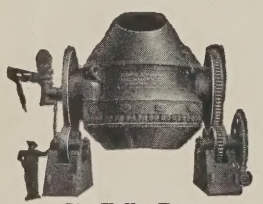
Worthington Simplex Pump



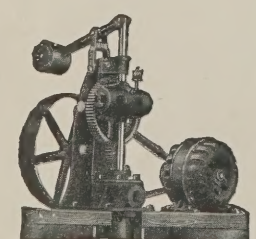
Worthington Centrifugal Pump —Split Case



Worthington Duplex Pump Pot Valve Pattern



Gt. Falls Type Copper Converter



Worthington Deep Well Head

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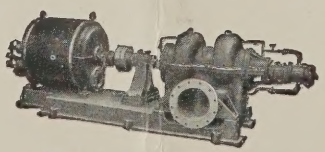
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See Hendricks Register for detailed data

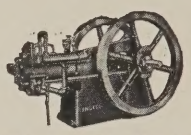
WORKS:

WORTHINGTON WORKS.....Harrison, N. J.
BLAKE-KNOWLES WORKS...East Cambridge, Mass.
POWER & MINING MCHY. WORKS....Cudahy, Wis.
GAS ENGINE WORKS.....Cudahy, Wis.
DEANE WORKS.....Holyoke, Mass.
LAIDLAW WORKS.....Elmwood Pl., Cincinnati, O.
SNOW-HOLLY WORKS.....Buffalo, N. Y.
HAZLETON WORKS.....Hazleton, Pa.
EPPING CARPENTER WORKS.....Pittsburgh, Pa.

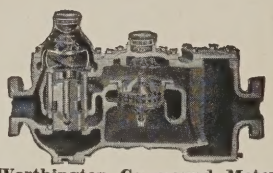
WORTHINGTON PUMP AND MACHINERY CORPORATION
115 BROADWAY NEW YORK



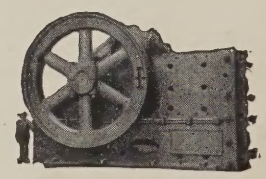
Worthington Bi-Rotor Volute Pump



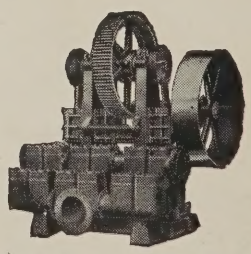
Worthington Gas Engine



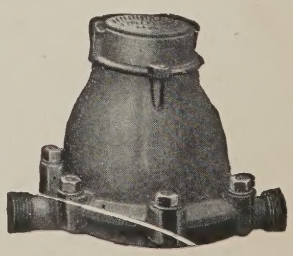
Worthington Compound Meter



Superior Jaw Crusher



Worthington Power Pump



Worthington Disc Meter

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